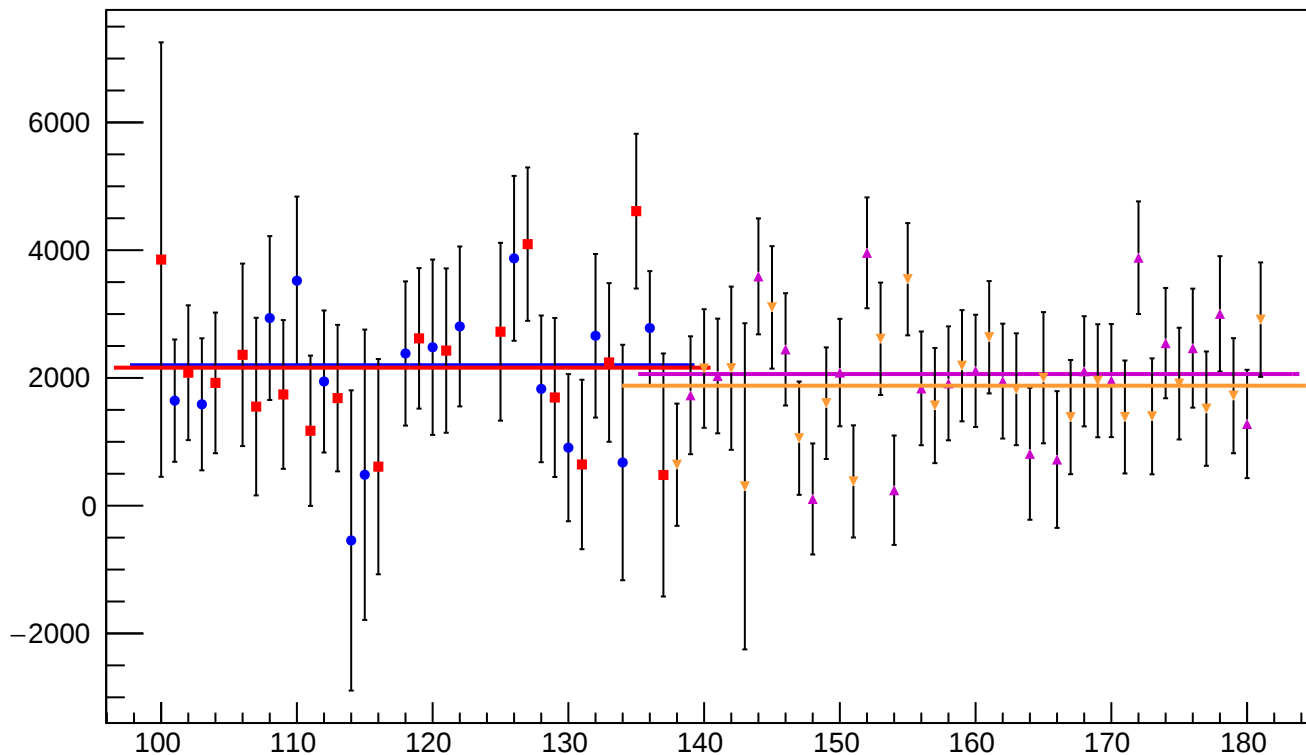


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1878.704+/-193.448

Right Out: 2160.742+/-303.587

Left In: 2060.780+/-195.245

χ^2/NDF : 8.6/15

χ^2/NDF : 15.4/22

χ^2/NDF : 11.7/17

χ^2/NDF : 27.4/20

Left: 1968.900+/-137.419

Right: 2179.612+/-215.784

In: 2100.594+/-164.714

Out: 1960.150+/-163.142

All: 2029.699+/-115.910

χ^2/NDF : 43.2/43

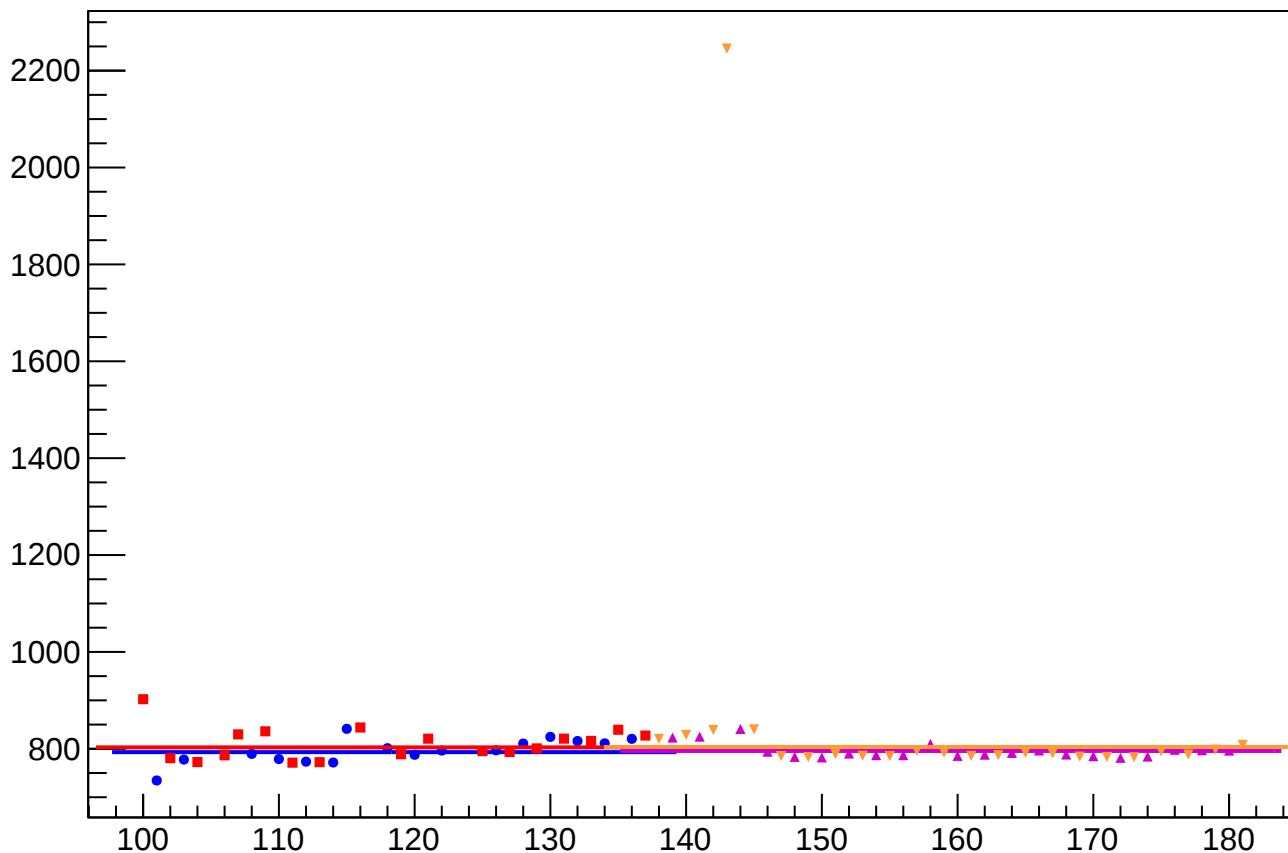
χ^2/NDF : 20.3/33

χ^2/NDF : 36.1/36

χ^2/NDF : 27.7/40

χ^2/NDF : 64.2/77

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.807 ± 0.137 χ^2/NDF : 655699.4/22

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

Left In: 795.531 ± 0.138 χ^2/NDF : 12648.8/20

Left: 799.707 ± 0.097 χ^2/NDF : 670161.5/43

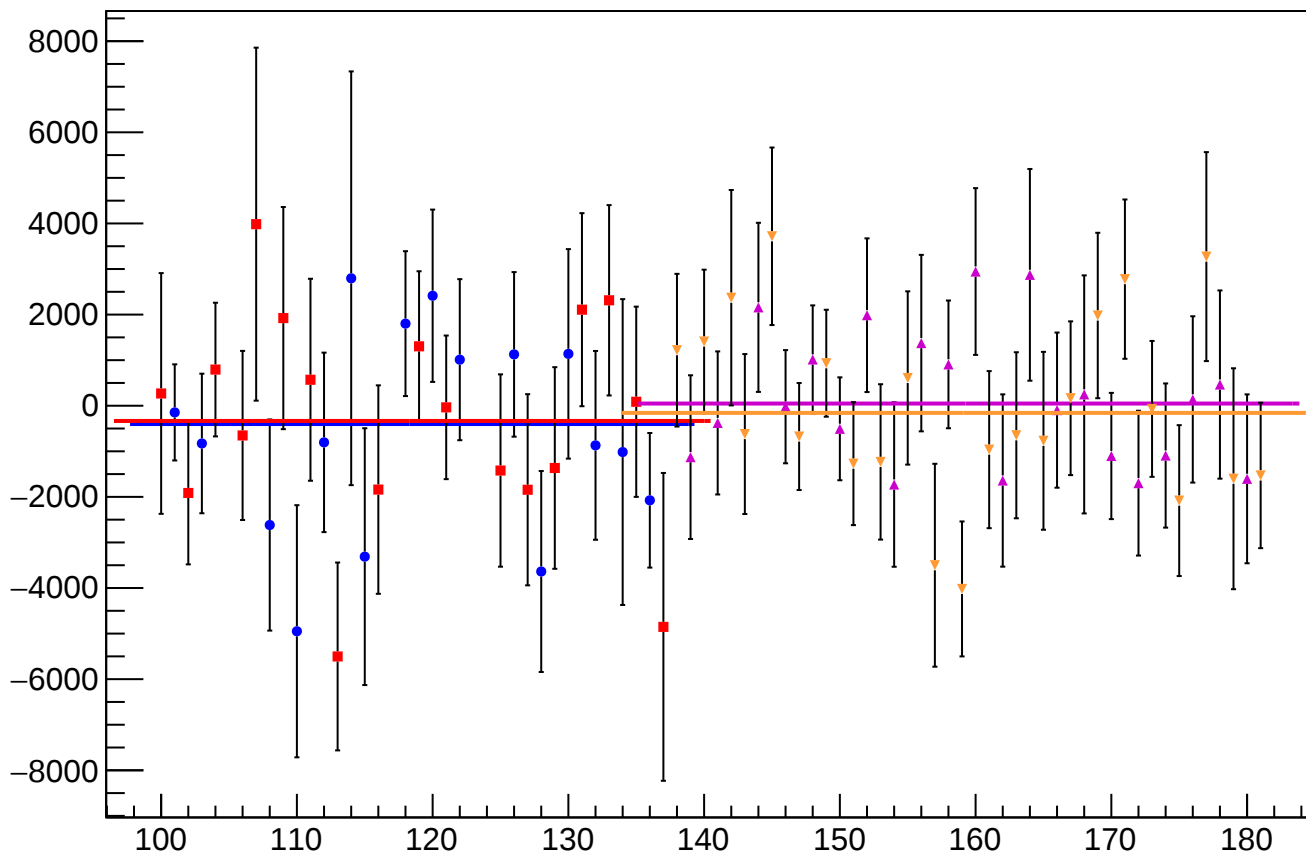
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 794.828 ± 0.116 χ^2/NDF : 27441.9/36

Out: 803.559 ± 0.115 χ^2/NDF : 670156.4/40

All: 799.235 ± 0.082 χ^2/NDF : 700434.9/77

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -157.338 $\pm$ 348.024 χ^2 /NDF:27.5/22

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

Left In: 48.143 $\pm$ 353.972 χ^2 /NDF:13.9/20

Left: -56.338 $\pm$ 248.166 χ^2 /NDF: 41.6/43

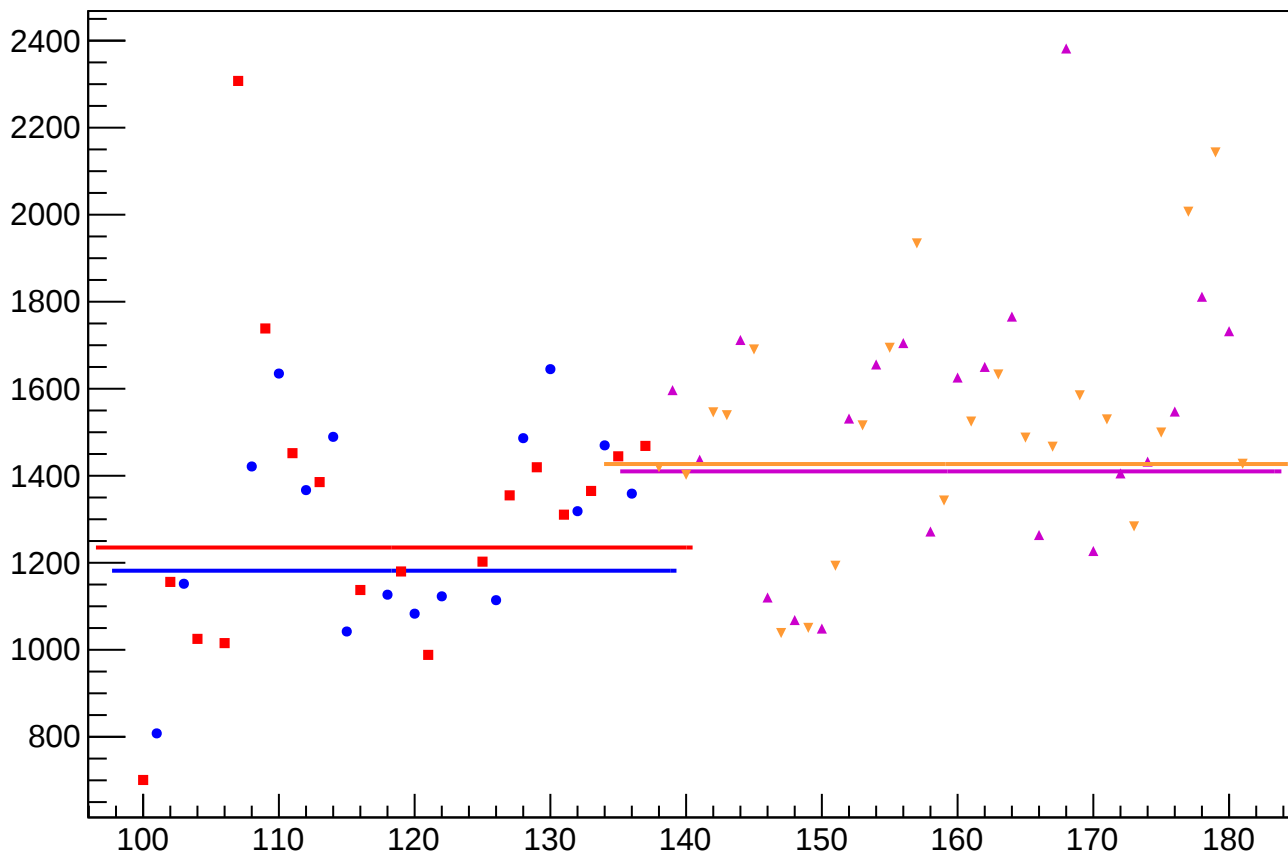
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -115.170 $\pm$ 282.462 χ^2 /NDF:29.3/36

Out: -218.462 $\pm$ 281.448 χ^2 /NDF:45.1/40

All: -167.002 $\pm$ 199.371 χ^2 /NDF: 74.4/77

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1426.957 $\pm$ 0.246 χ^2 /NDF:1072188.5/22

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

Left In: 1410.056 $\pm$ 0.250 χ^2 /NDF:1249020.4/20

Left: 1418.649 $\pm$ 0.175 χ^2 /NDF: 2323527.2/43

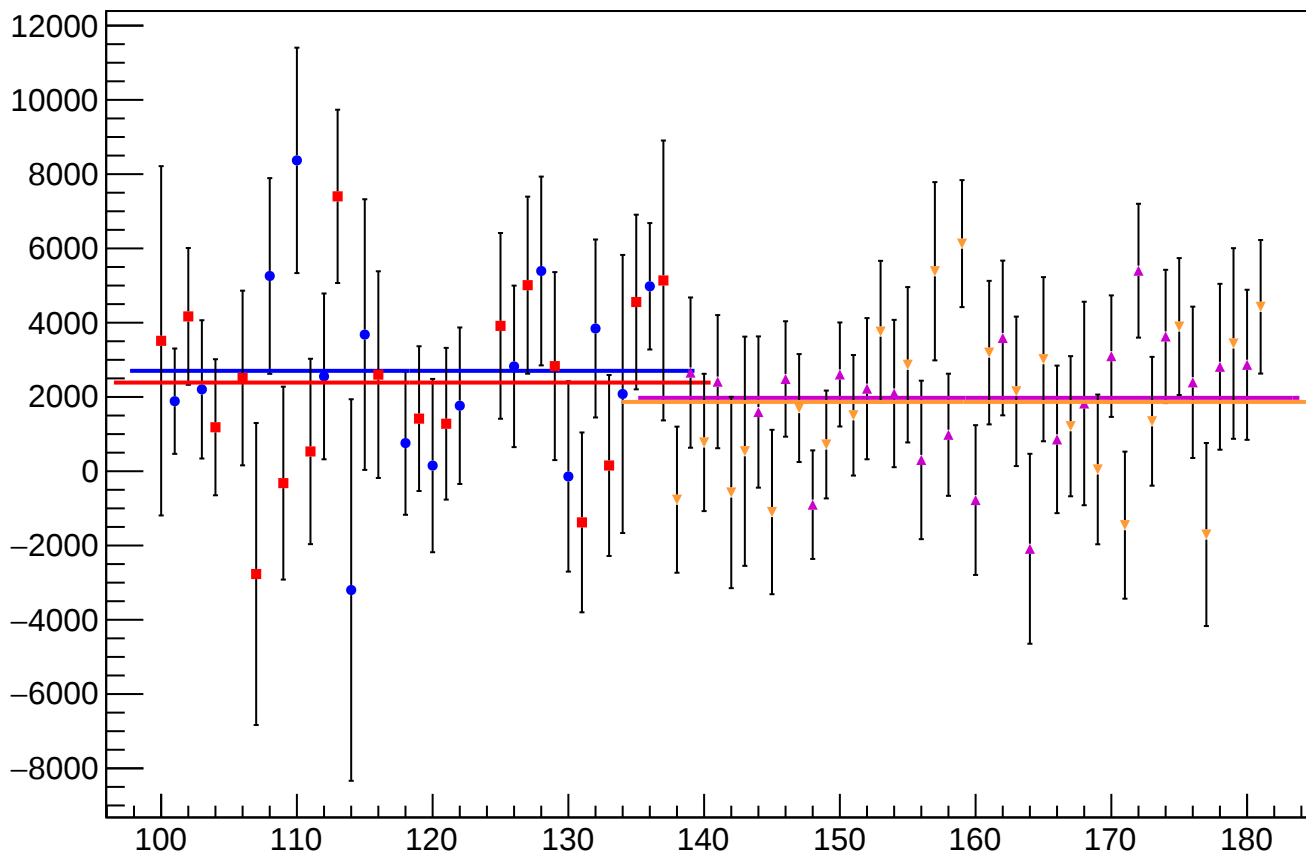
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1327.134 $\pm$ 0.200 χ^2 /NDF:2094681.4/36

Out: 1360.572 $\pm$ 0.199 χ^2 /NDF:1822756.0/40

All: 1343.913 $\pm$ 0.141 χ^2 /NDF: 3931502.2/77

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1866.436 $\pm$ 404.501 χ^2 /NDF: 25.6/22

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

Left In: 1976.405 $\pm$ 408.140 χ^2 /NDF: 16.0/20

Left: 1920.928 $\pm$ 287.303 χ^2 /NDF: 41.6/43

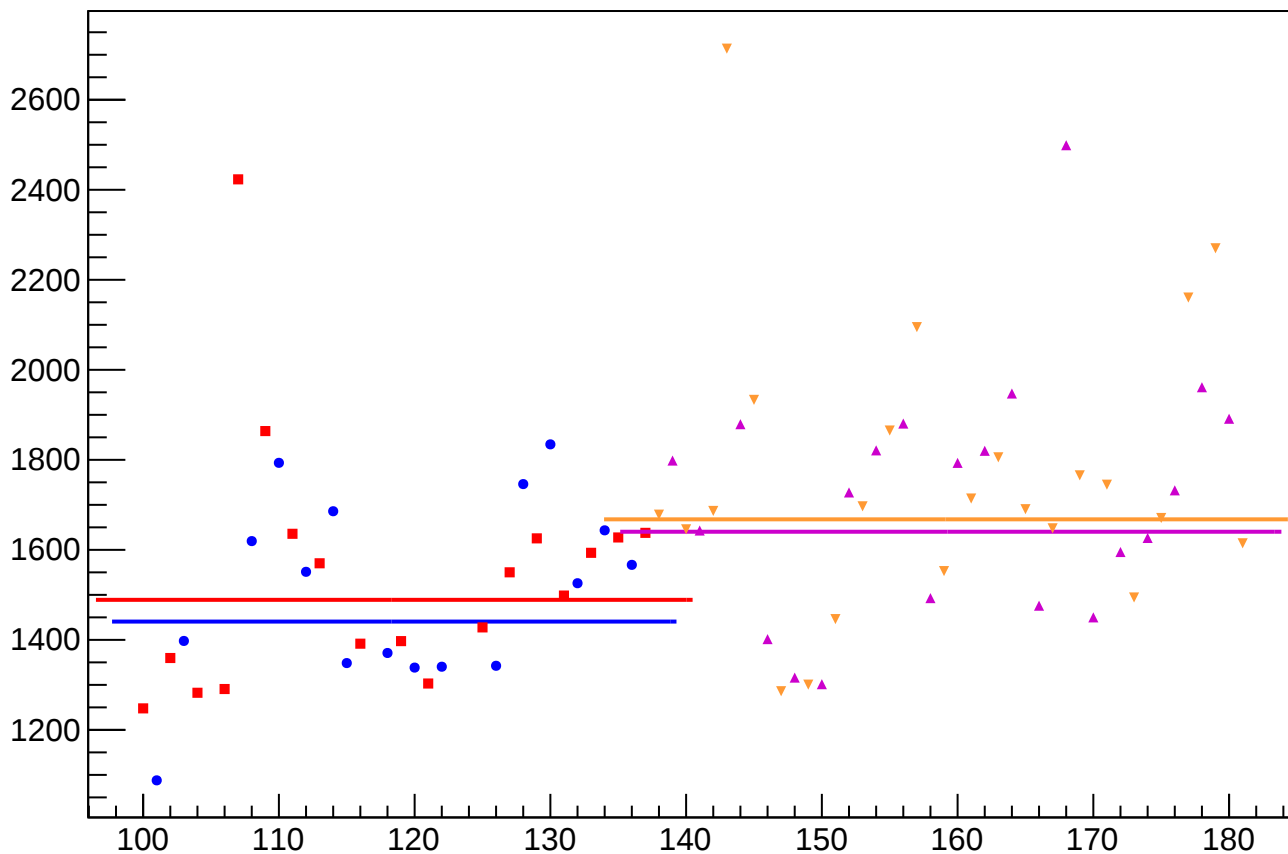
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2226.072 $\pm$ 330.748 χ^2 /NDF: 30.1/36

Out: 2041.203 $\pm$ 329.735 χ^2 /NDF: 42.2/40

All: 2133.354 $\pm$ 233.515 χ^2 /NDF: 72.5/77

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1667.801+/-0.286 χ^2/NDF : 883445.8/22

Right Out: 1488.944+/-0.403 χ^2/NDF : 256842.6/17

Left In: 1640.238+/-0.289 χ^2/NDF : 734605.9/20

Left: 1654.143+/-0.203 χ^2/NDF : 1622653.2/43

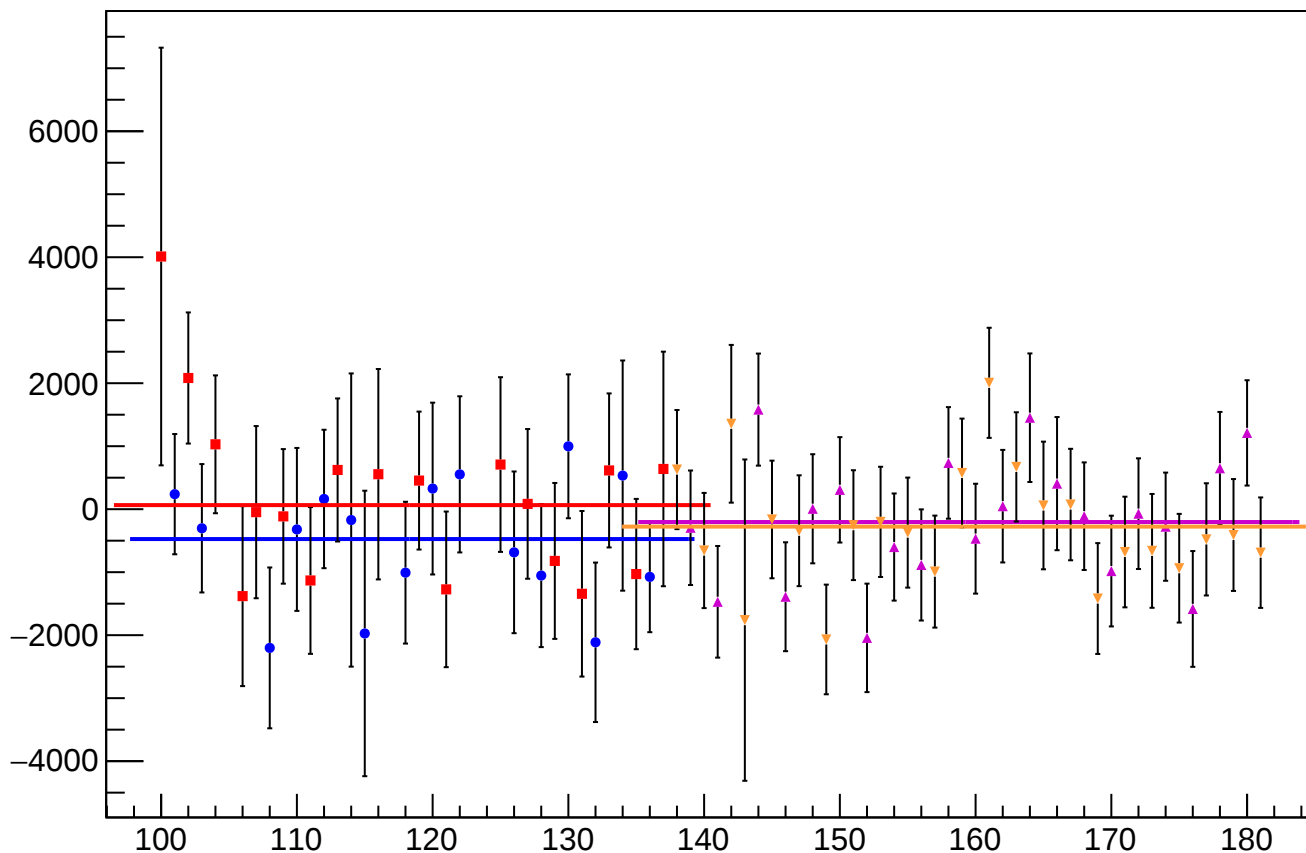
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1571.723+/-0.234 χ^2/NDF : 1181051.5/36

Out: 1607.793+/-0.233 χ^2/NDF : 1271480.1/40

All: 1589.814+/-0.165 χ^2/NDF : 2464461.6/77

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -276.723 $\pm$ 191.463 χ^2/NDF :20.3/22

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

Left In: -203.792 $\pm$ 193.363 χ^2/NDF :24.9/20

Left: -240.617 $\pm$ 136.052 χ^2/NDF : 45.2/43

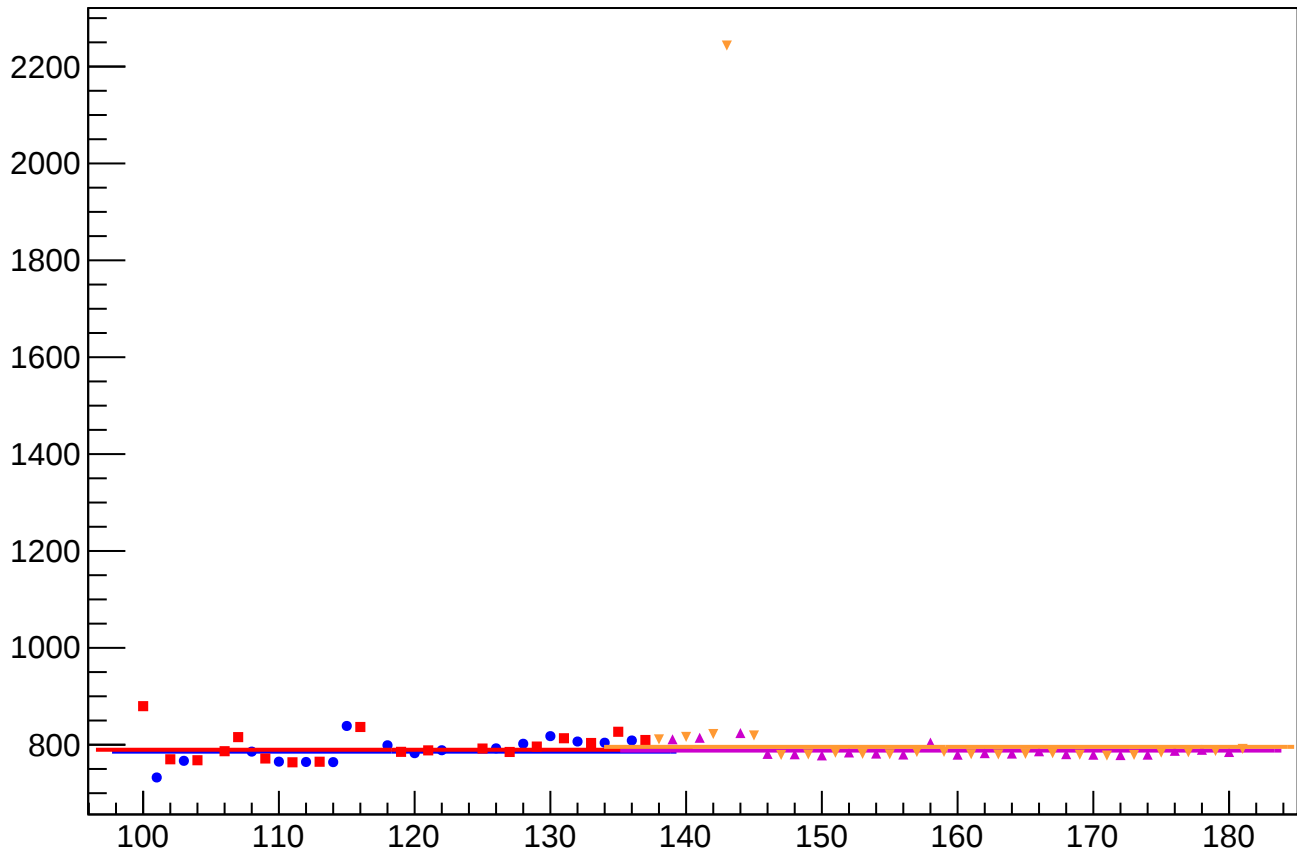
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

In: -281.693 $\pm$ 163.142 χ^2/NDF :34.3/36

Out: -177.156 $\pm$ 161.144 χ^2/NDF :33.9/40

All: -228.780 $\pm$ 114.646 χ^2/NDF : 68.4/77

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.630 $\pm$ 0.135 χ^2 /NDF: 656903.9/22

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

Left In: 787.946 $\pm$ 0.137 χ^2 /NDF: 9088.1/20

Left: 791.826 $\pm$ 0.096 χ^2 /NDF: 667586.8/43

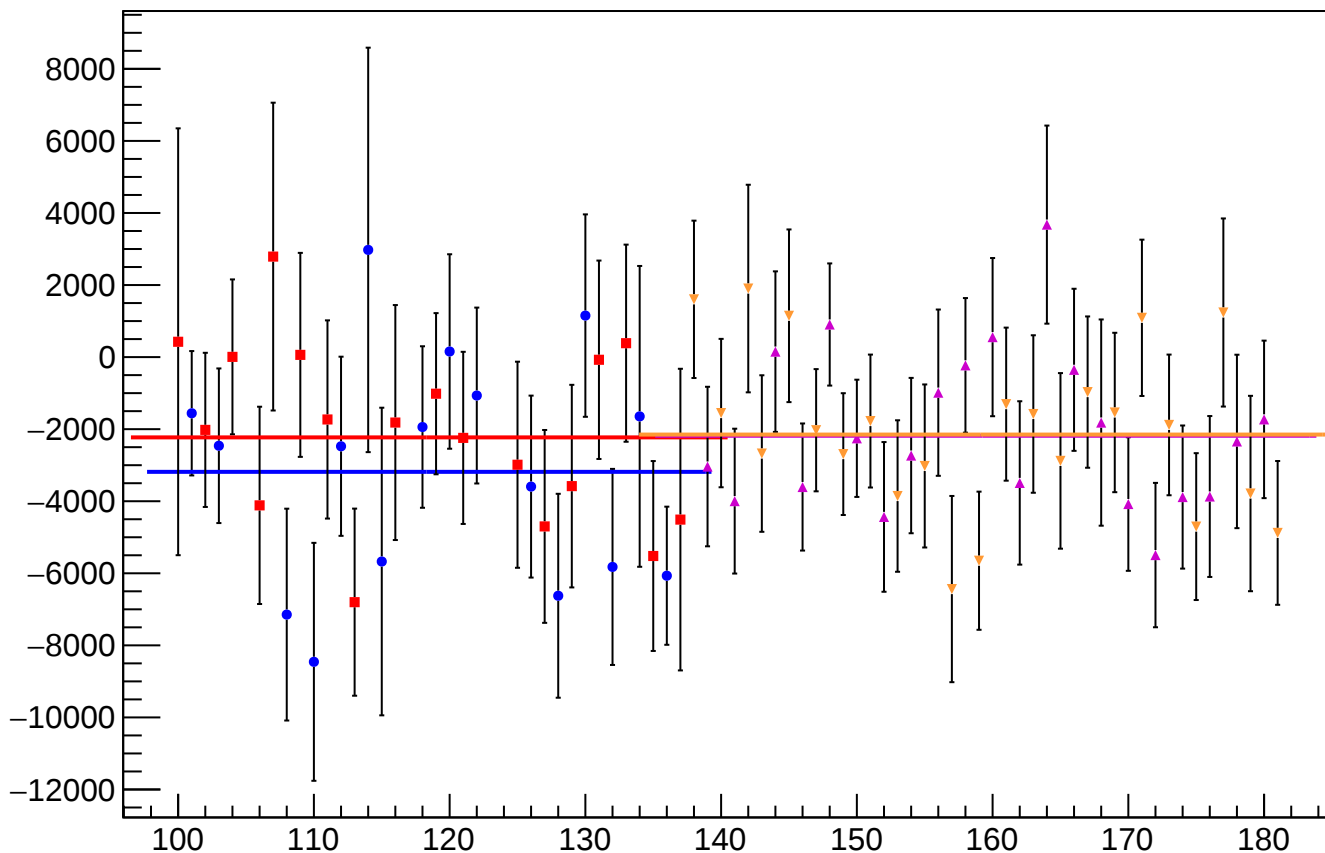
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.312 $\pm$ 0.115 χ^2 /NDF: 23084.3/36

Out: 793.893 $\pm$ 0.114 χ^2 /NDF: 668478.1/40

All: 790.643 $\pm$ 0.081 χ^2 /NDF: 693209.8/77

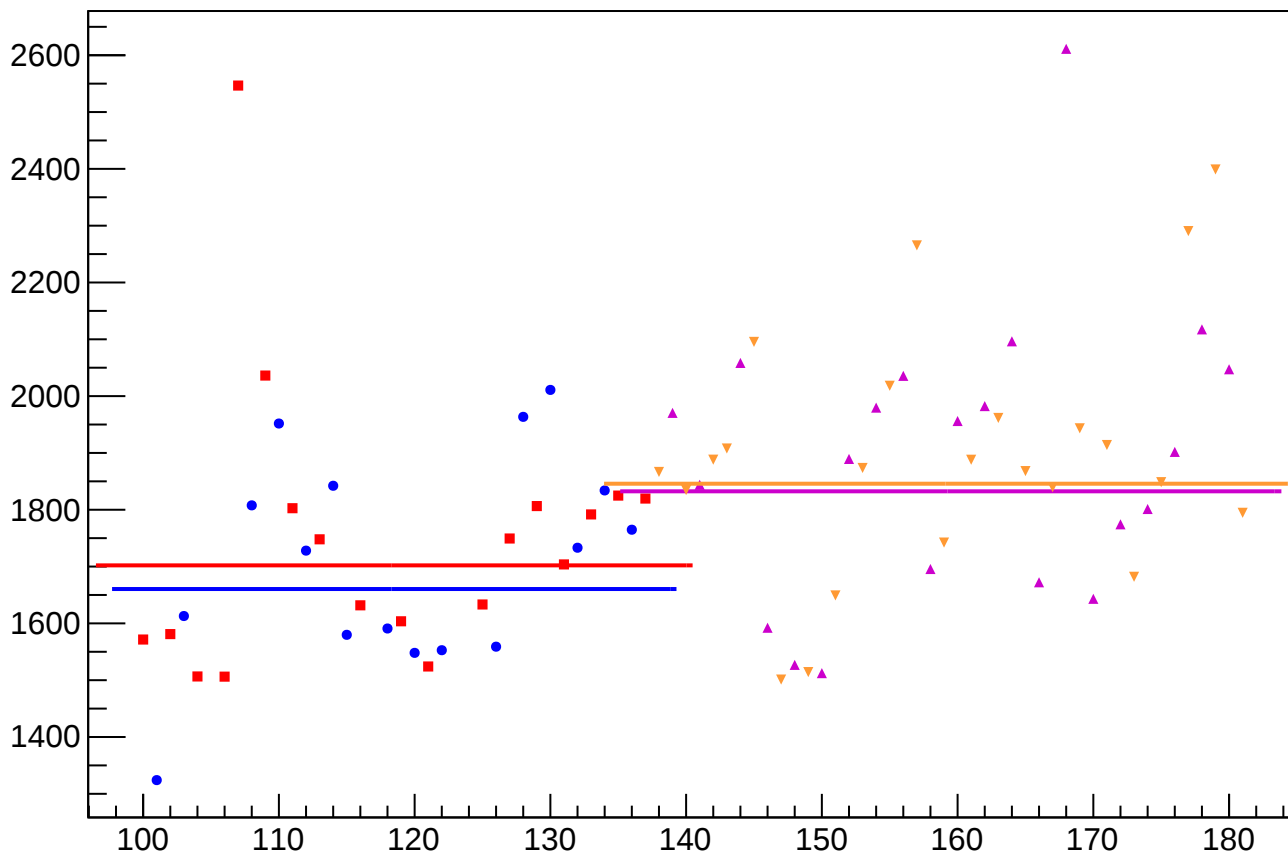
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2149.967 ± 444.219 $\chi^2/\text{NDF}: 22.5/22$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2183.057 ± 453.973 $\chi^2/\text{NDF}: 20.9/20$

Left: -2166.153 ± 317.503 $\chi^2/\text{NDF}: 43.3/43$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2513.198 ± 371.688 $\chi^2/\text{NDF}: 39.3/36$
 Out: -2174.941 ± 366.401 $\chi^2/\text{NDF}: 34.3/40$
 All: -2341.647 ± 260.934 $\chi^2/\text{NDF}: 74.0/77$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1845.821 $\pm$ 0.314 χ^2/NDF : 445944.7/22

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

Left In: 1832.441 $\pm$ 0.321 χ^2/NDF : 509048.3/20

Left: 1839.276 $\pm$ 0.225 χ^2/NDF : 955880.5/43

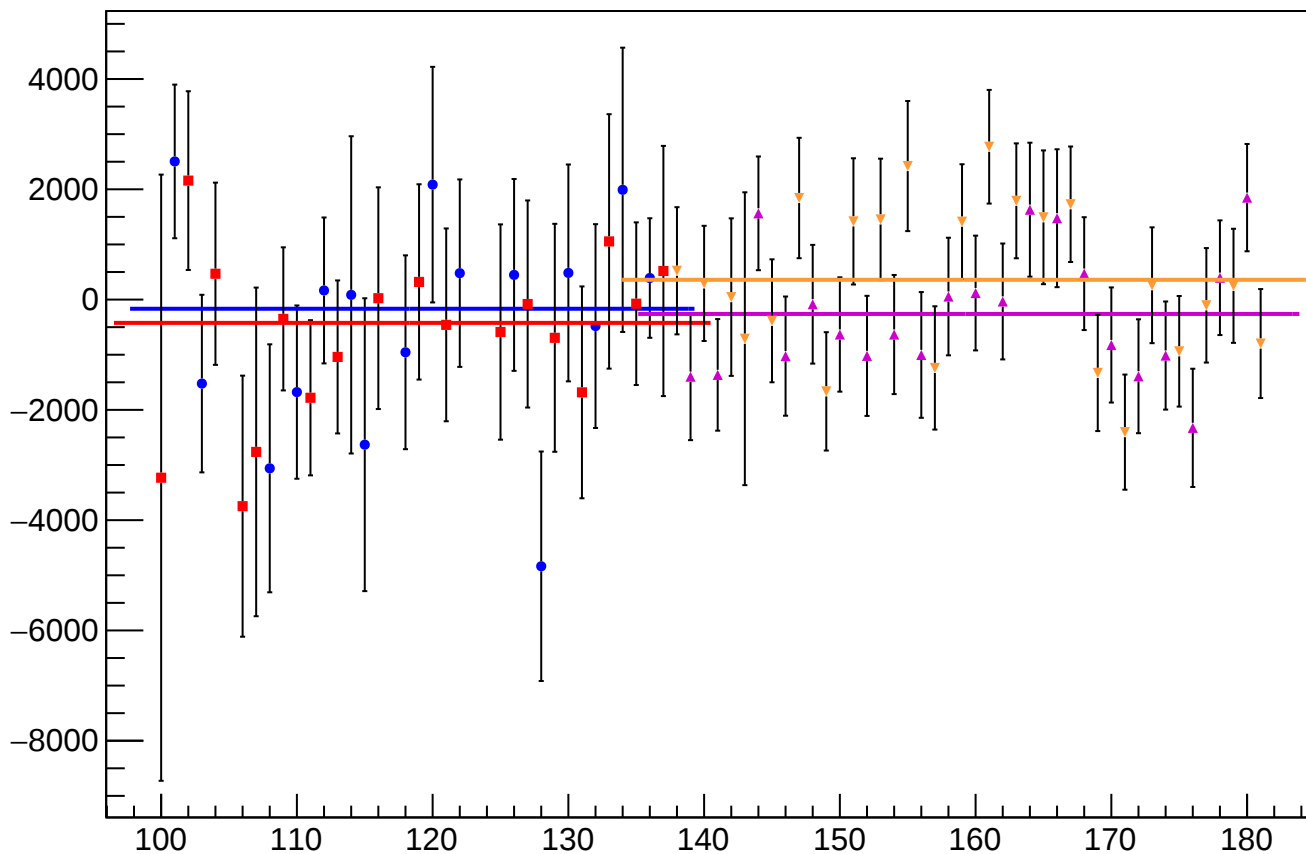
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

In: 1775.746 $\pm$ 0.263 χ^2/NDF : 782874.7/36

Out: 1799.877 $\pm$ 0.259 χ^2/NDF : 684878.4/40

All: 1787.984 $\pm$ 0.185 χ^2/NDF : 1472028.3/77

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 358.817 ± 230.031 χ^2/NDF : 36.8/22

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

Left In: -260.470 ± 232.386 χ^2/NDF : 23.0/20

Left: 52.327 ± 163.483 χ^2/NDF : 63.4/43

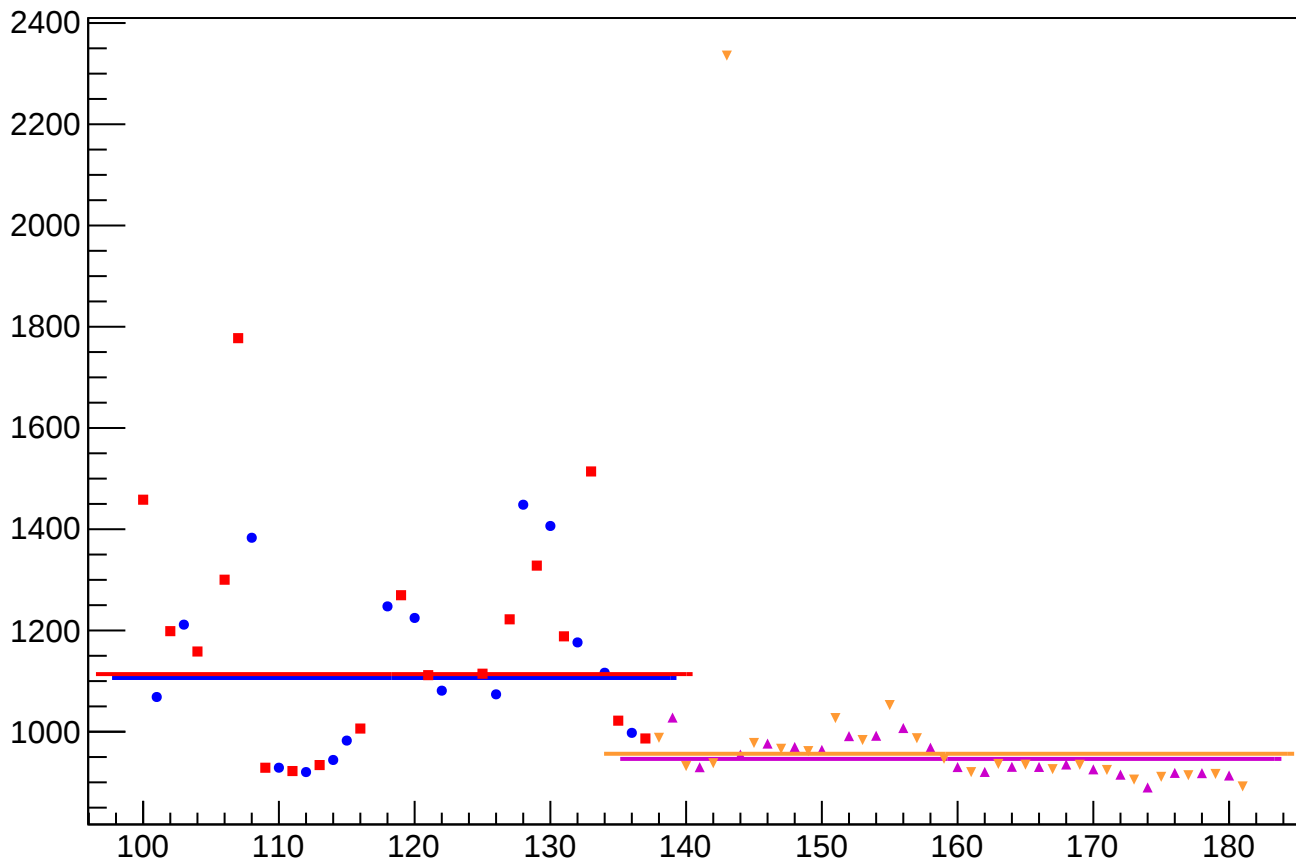
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -239.401 ± 204.727 χ^2/NDF : 38.7/36

Out: 183.309 ± 202.549 χ^2/NDF : 47.6/40

All: -25.785 ± 143.987 χ^2/NDF : 88.4/77

asym_us_dd_rms vs Slug, Sign Corrected



Left: 951.421 ± 0.116 $\chi^2/\text{NDF}: 645364.4/43$

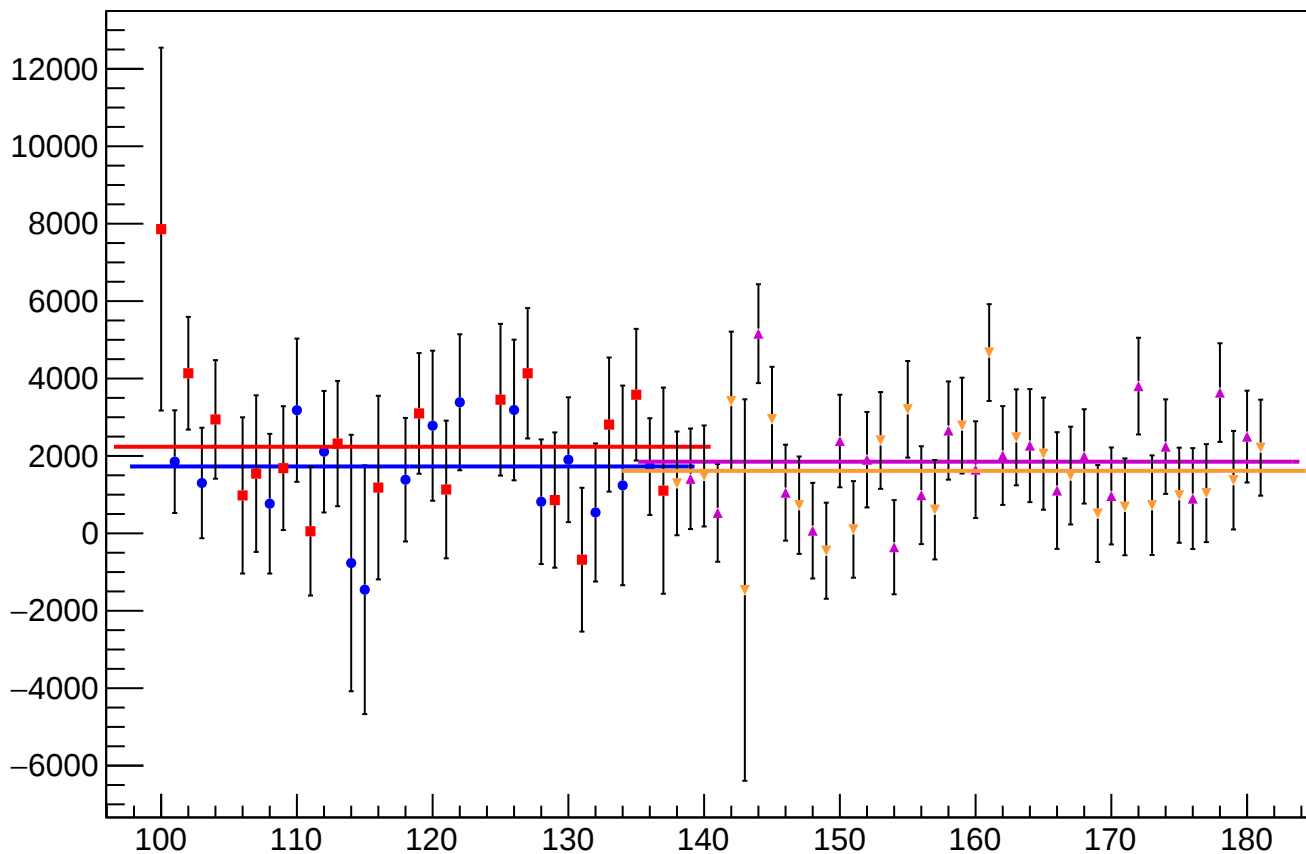
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 982.079 ± 0.145 $\chi^2/\text{NDF}: 516126.4/36$

Out: 991.808 ± 0.143 $\chi^2/\text{NDF}: 1173739.8/40$

All: 986.996 ± 0.102 $\chi^2/\text{NDF}: 1692148.3/77$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1614.880 $\pm$ 273.824 χ^2 /NDF:19.8/22

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

Left In: 1851.427 $\pm$ 276.064 χ^2 /NDF:21.0/20

Left: 1732.190 $\pm$ 194.410 χ^2 /NDF: 41.2/43

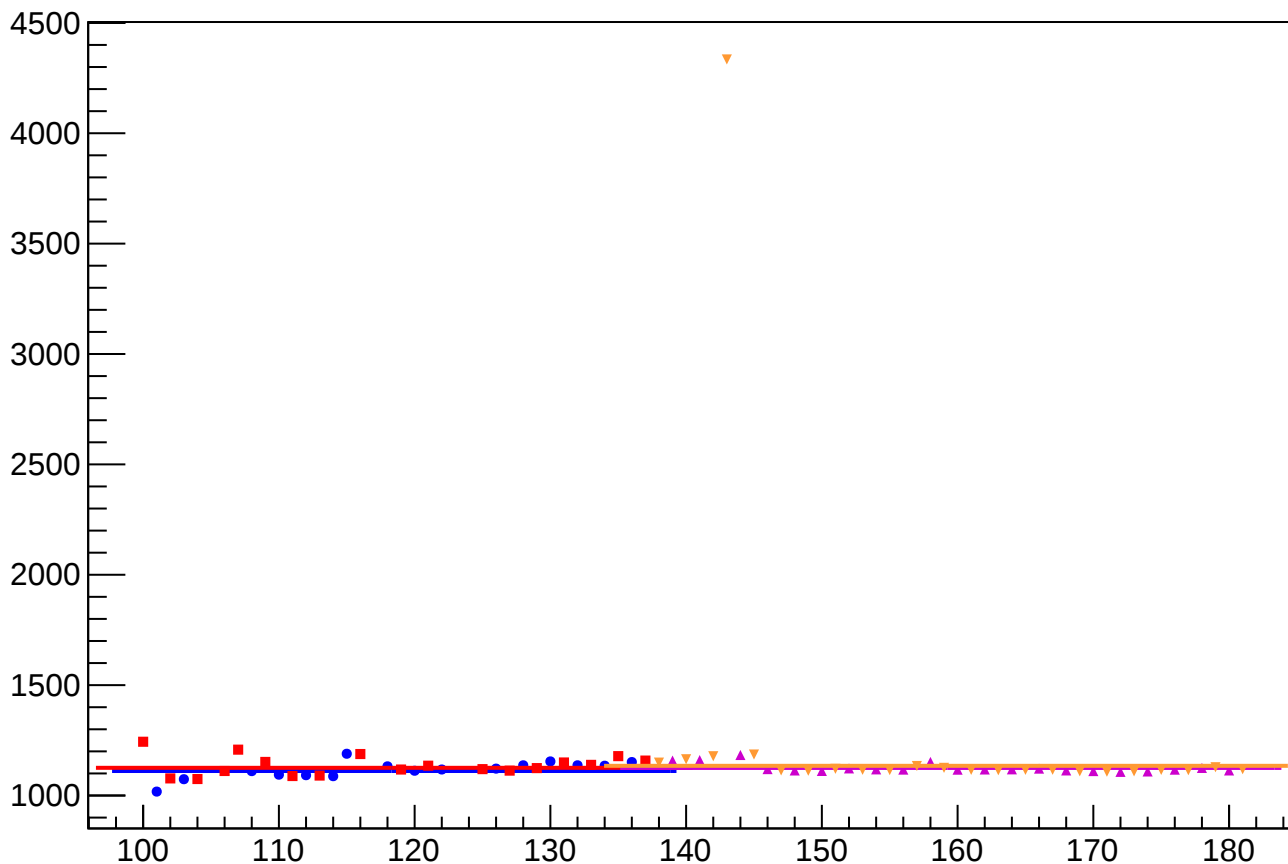
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1815.514 $\pm$ 232.278 χ^2 /NDF:26.4/36

Out: 1797.297 $\pm$ 230.257 χ^2 /NDF:33.6/40

All: 1806.326 $\pm$ 163.526 χ^2 /NDF: 59.9/77

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1134.543 $\pm$ 0.194 χ^2 /NDF: 856512.5/22

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

Left In: 1124.891 $\pm$ 0.195 χ^2 /NDF: 10260.9/20

Left: 1129.756 $\pm$ 0.137 χ^2 /NDF: 868005.8/43

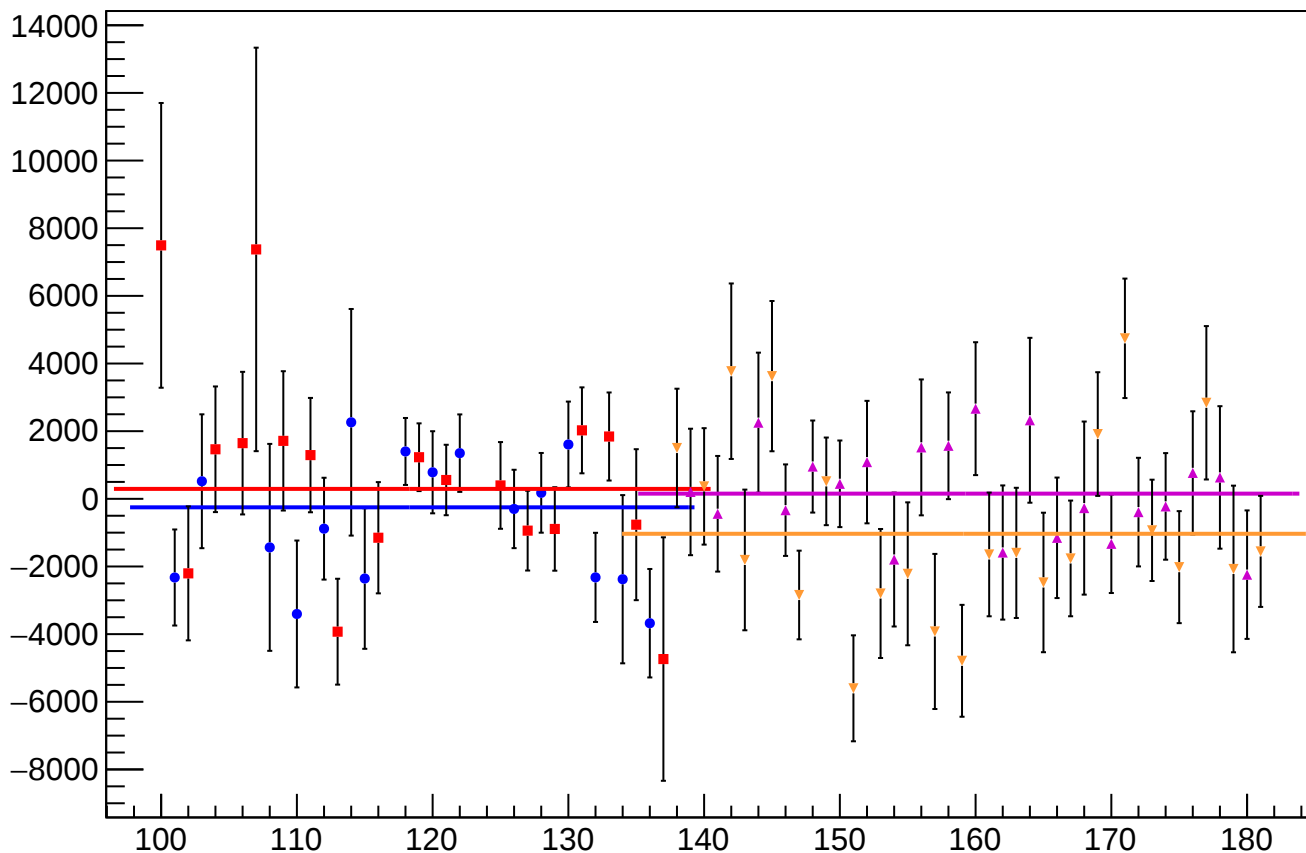
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1120.846 $\pm$ 0.164 χ^2 /NDF: 29821.9/36

Out: 1131.893 $\pm$ 0.163 χ^2 /NDF: 873032.9/40

All: 1126.418 $\pm$ 0.116 χ^2 /NDF: 905136.5/77

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1033.382 ± 372.840 χ^2/NDF : 48.2/22

Right Out: 293.658 ± 362.490 χ^2/NDF : 24.0/17

Left In: 153.408 ± 378.358 χ^2/NDF : 10.9/20

Left: -448.704 ± 265.567 χ^2/NDF : 64.1/43

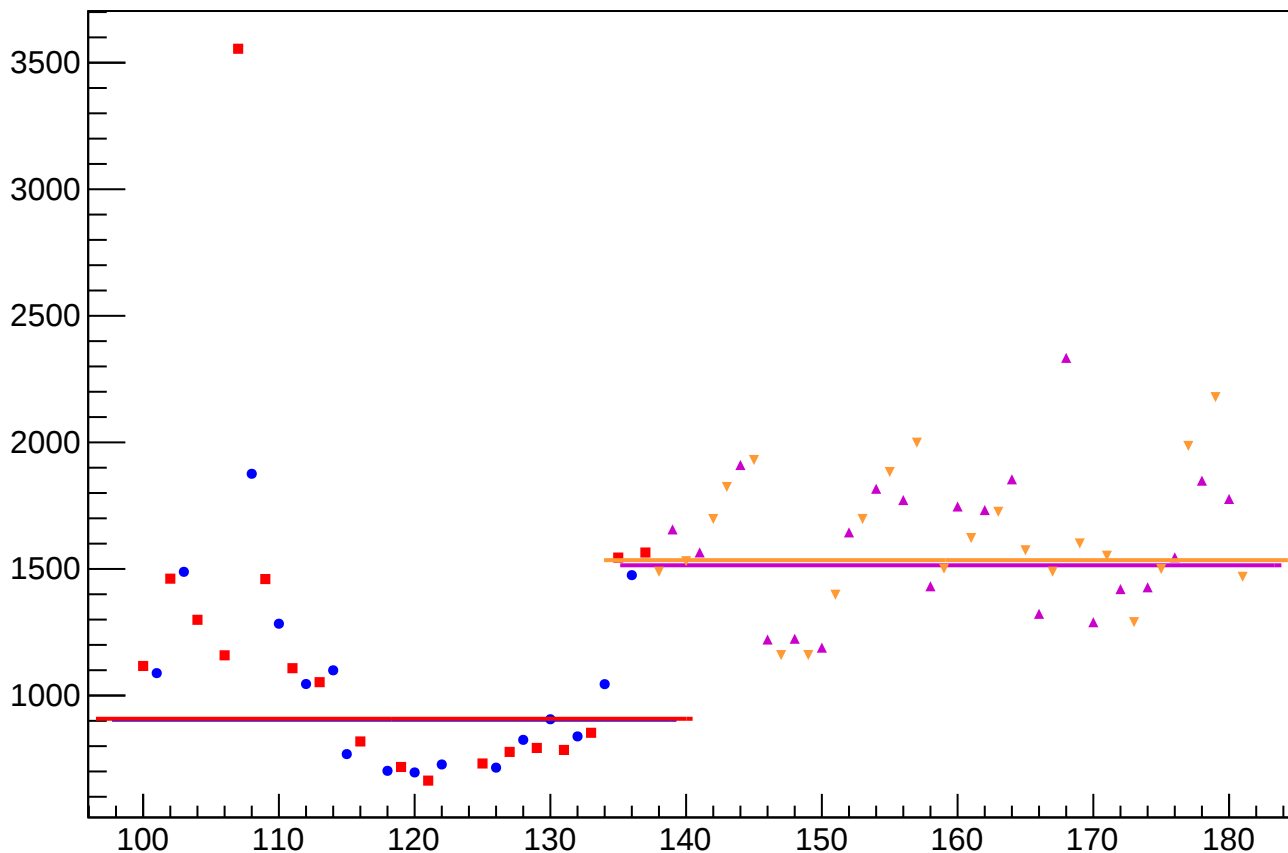
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

In: -56.257 ± 262.671 χ^2/NDF : 33.3/36

Out: -351.187 ± 259.901 χ^2/NDF : 78.7/40

All: -205.285 ± 184.749 χ^2/NDF : 112.7/77

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1534.796 $\pm$ 0.264 χ^2 /NDF: 912333.1/22

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

Left In: 1514.462 $\pm$ 0.268 χ^2 /NDF: 965139.4/20

Left: 1524.779 $\pm$ 0.188 χ^2 /NDF: 1880403.1/43

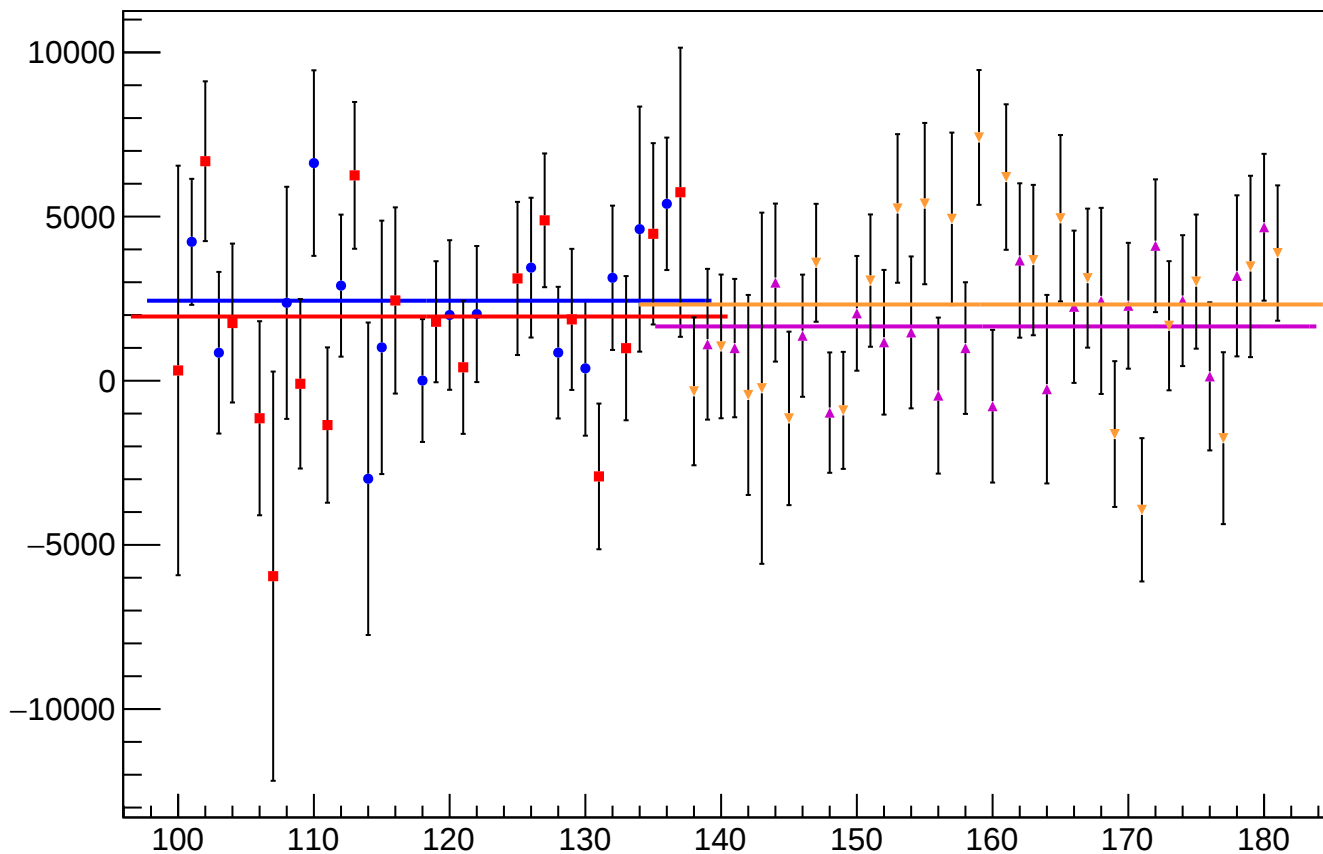
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

In: 1198.477 $\pm$ 0.186 χ^2 /NDF: 4679027.1/36

Out: 1212.656 $\pm$ 0.184 χ^2 /NDF: 5197715.7/40

All: 1205.642 $\pm$ 0.131 χ^2 /NDF: 9879687.5/77

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2322.431 ± 471.285 $\chi^2/\text{NDF}: 38.2/22$

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

Left In: 1653.707 ± 474.087 $\chi^2/\text{NDF}: 10.4/20$

Left: 1990.051 ± 334.235 $\chi^2/\text{NDF}: 49.5/43$

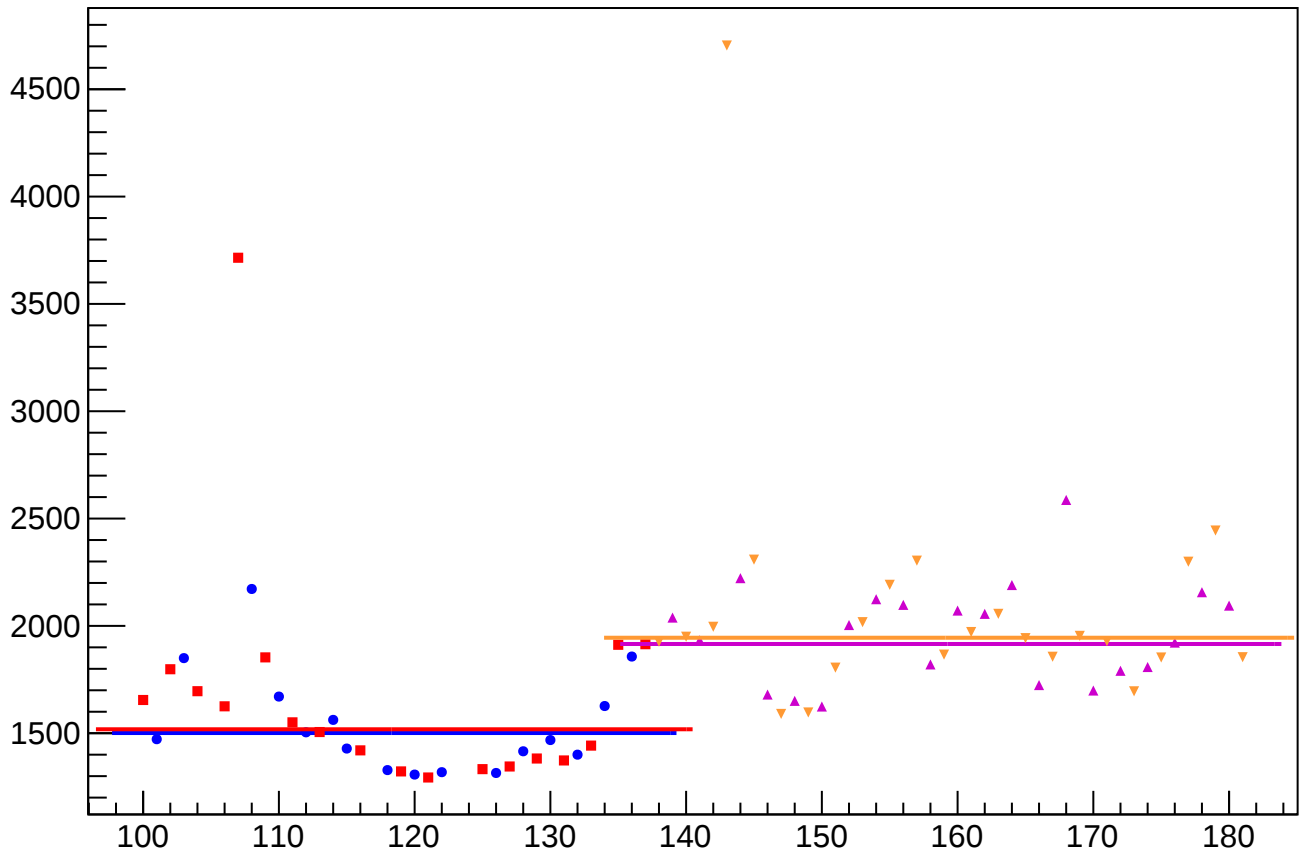
Right: 2195.827 ± 413.767 $\chi^2/\text{NDF}: 33.9/33$

In: 1963.627 ± 368.629 $\chi^2/\text{NDF}: 22.6/36$

Out: 2177.903 ± 366.778 $\chi^2/\text{NDF}: 60.8/40$

All: 2071.304 ± 260.003 $\chi^2/\text{NDF}: 83.5/77$

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1944.811 ± 0.333 $\chi^2/\text{NDF}: 948261.0/22$

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

Left In: 1915.633 ± 0.335 $\chi^2/\text{NDF}: 434832.8/20$

Left: 1930.309 ± 0.236 $\chi^2/\text{NDF}: 1386904.1/43$

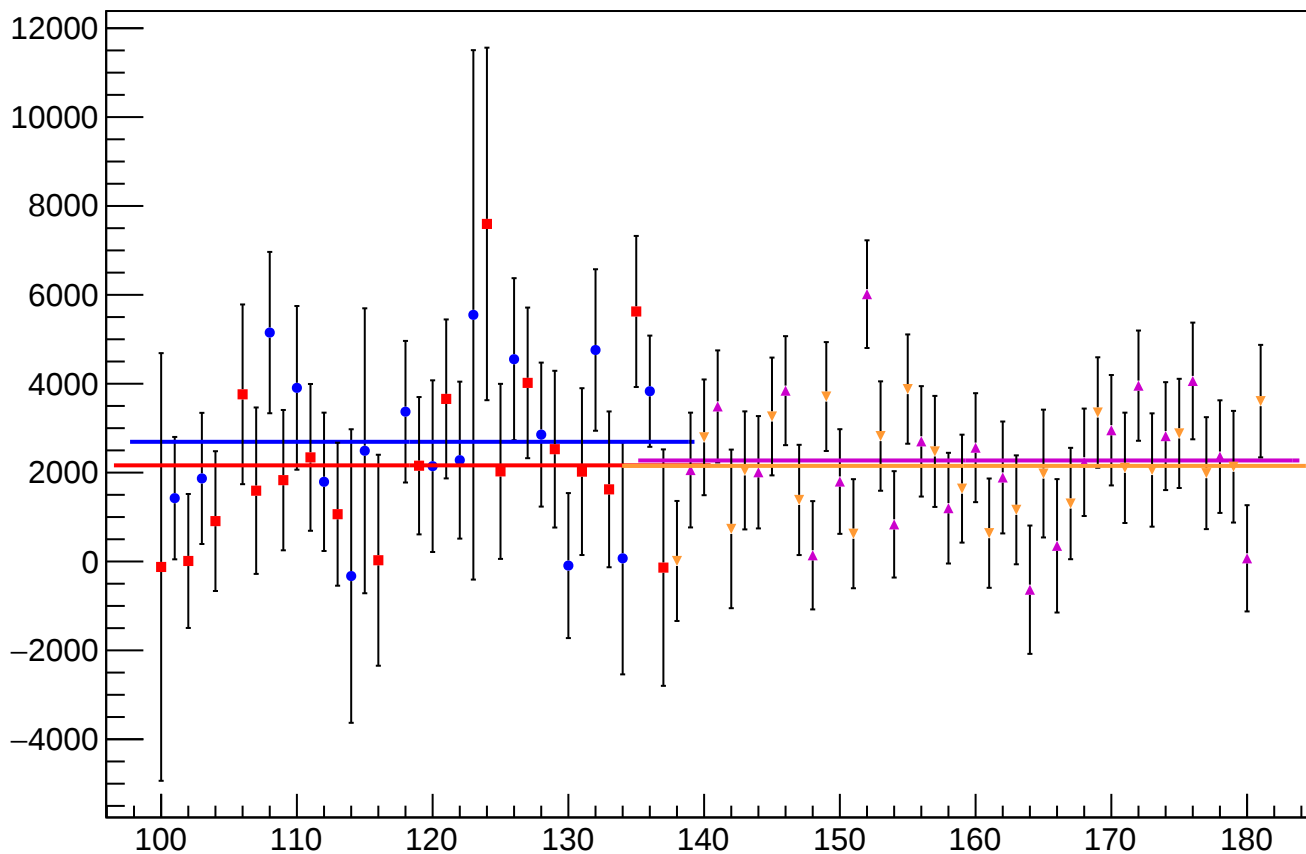
Right: 1509.610 ± 0.293 $\chi^2/\text{NDF}: 733133.5/33$

In: 1751.618 ± 0.261 $\chi^2/\text{NDF}: 1296459.7/36$

Out: 1776.638 ± 0.259 $\chi^2/\text{NDF}: 2070110.5/40$

All: 1764.191 ± 0.184 $\chi^2/\text{NDF}: 3371200.1/77$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2151.252 $\pm$ 266.146 χ^2 /NDF:15.4/22

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

Left In: 2273.280 $\pm$ 273.495 χ^2 /NDF:31.2/20

Left: 2210.605 $\pm$ 190.739 χ^2 /NDF: 46.7/43

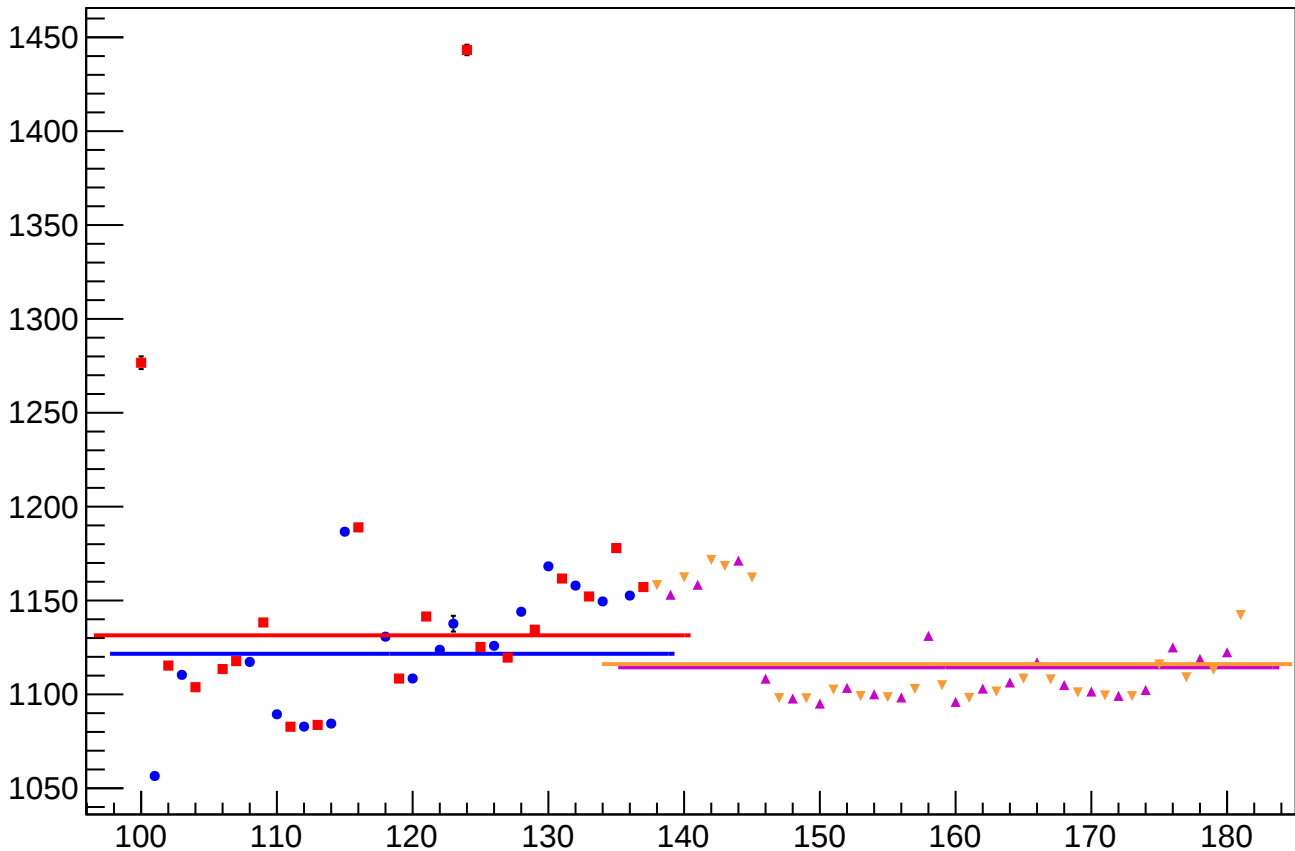
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2393.128 $\pm$ 231.173 χ^2 /NDF:44.1/37

Out: 2154.605 $\pm$ 225.387 χ^2 /NDF:29.2/41

All: 2270.843 $\pm$ 161.380 χ^2 /NDF: 73.8/79

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1116.114 ± 0.188 $\chi^2/\text{NDF}: 17005.8/22$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1114.407 ± 0.193 $\chi^2/\text{NDF}: 12135.0/20$

Left: 1115.284 ± 0.135 $\chi^2/\text{NDF}: 29180.8/43$

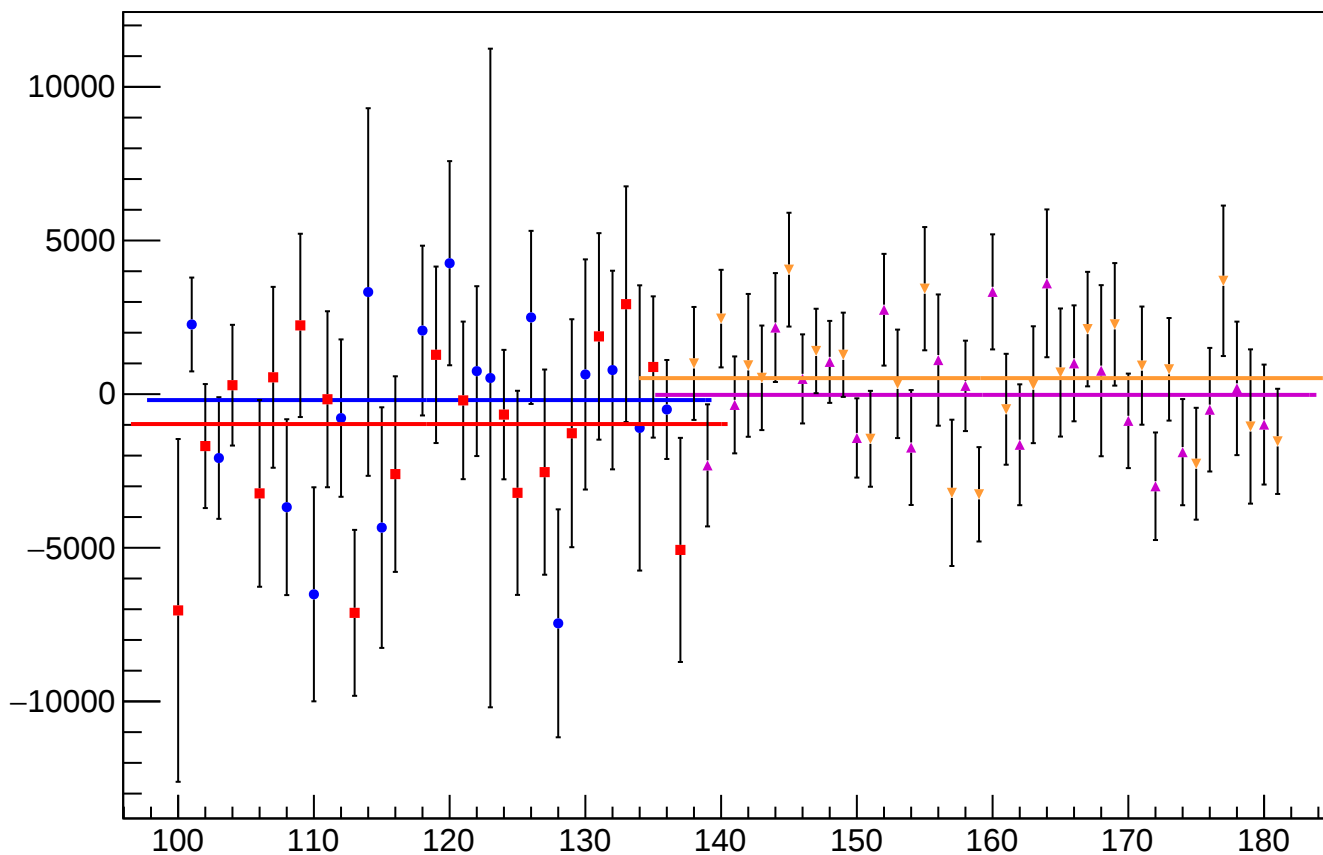
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1116.468 ± 0.163 $\chi^2/\text{NDF}: 24513.2/37$

Out: 1120.452 ± 0.159 $\chi^2/\text{NDF}: 41996.1/41$

All: 1118.511 ± 0.114 $\chi^2/\text{NDF}: 66813.8/79$

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 521.435+/-375.064 χ^2/NDF : 26.0/22

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

Left In: -24.094+/-383.075 χ^2/NDF : 19.6/20

Left: 254.434+/-267.998 χ^2/NDF : 46.5/43

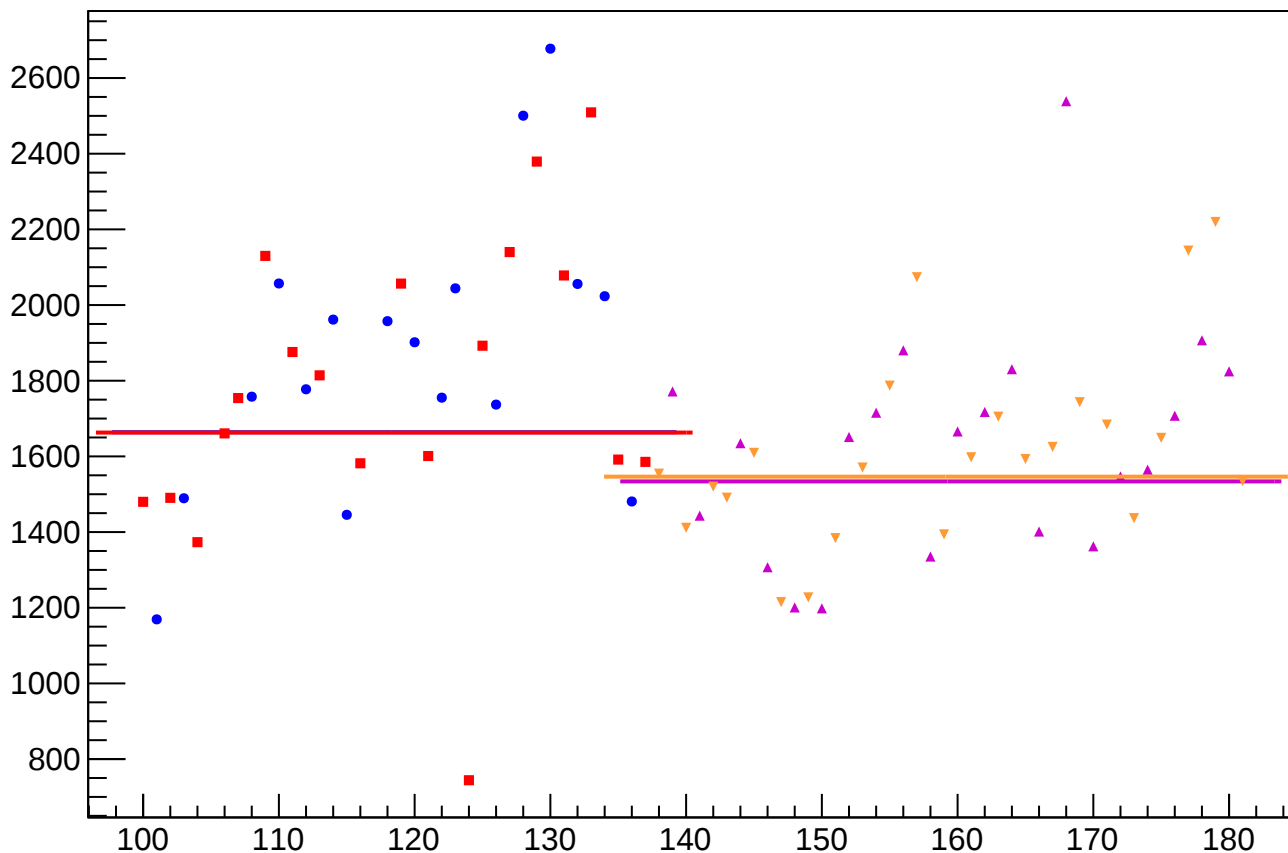
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -66.706+/-331.357 χ^2/NDF : 37.0/37

Out: 143.778+/-324.238 χ^2/NDF : 44.3/41

All: 40.822+/-231.747 χ^2/NDF : 81.4/79

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1546.493 $\pm$ 0.265 χ^2 /NDF: 740475.7/22

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

Left In: 1533.912 $\pm$ 0.271 χ^2 /NDF: 939028.5/20

Left: 1540.335 $\pm$ 0.190 χ^2 /NDF: 1680605.6/43

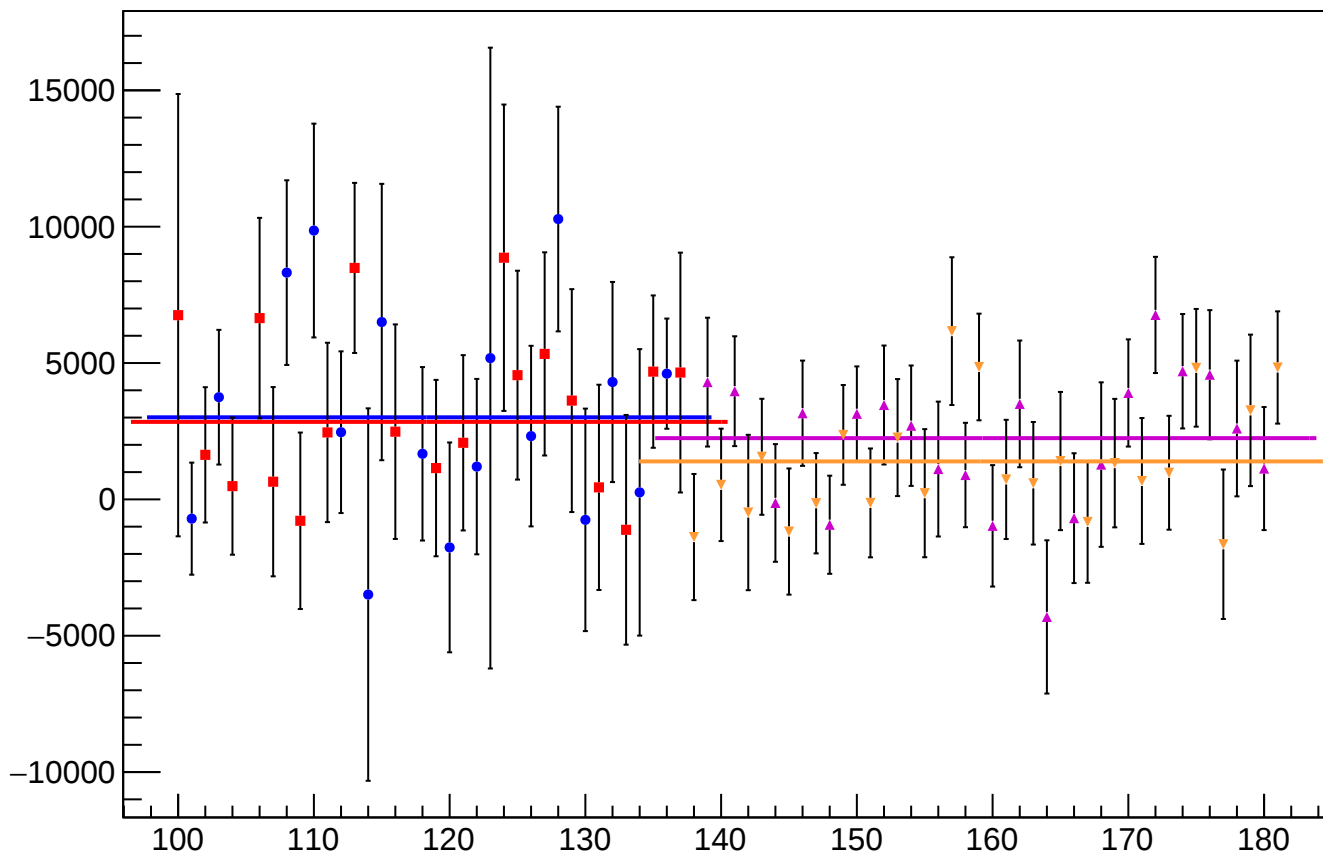
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1566.611 $\pm$ 0.234 χ^2 /NDF: 1619381.6/37

Out: 1575.926 $\pm$ 0.229 χ^2 /NDF: 1594198.4/41

All: 1571.370 $\pm$ 0.164 χ^2 /NDF: 3214387.4/79

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1392.718+/-462.761 χ^2/NDF : 19.9/22

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

Left In: 2245.706+/-474.411 χ^2/NDF : 24.6/20

Left: 1808.609+/-331.264 χ^2/NDF : 46.1/43

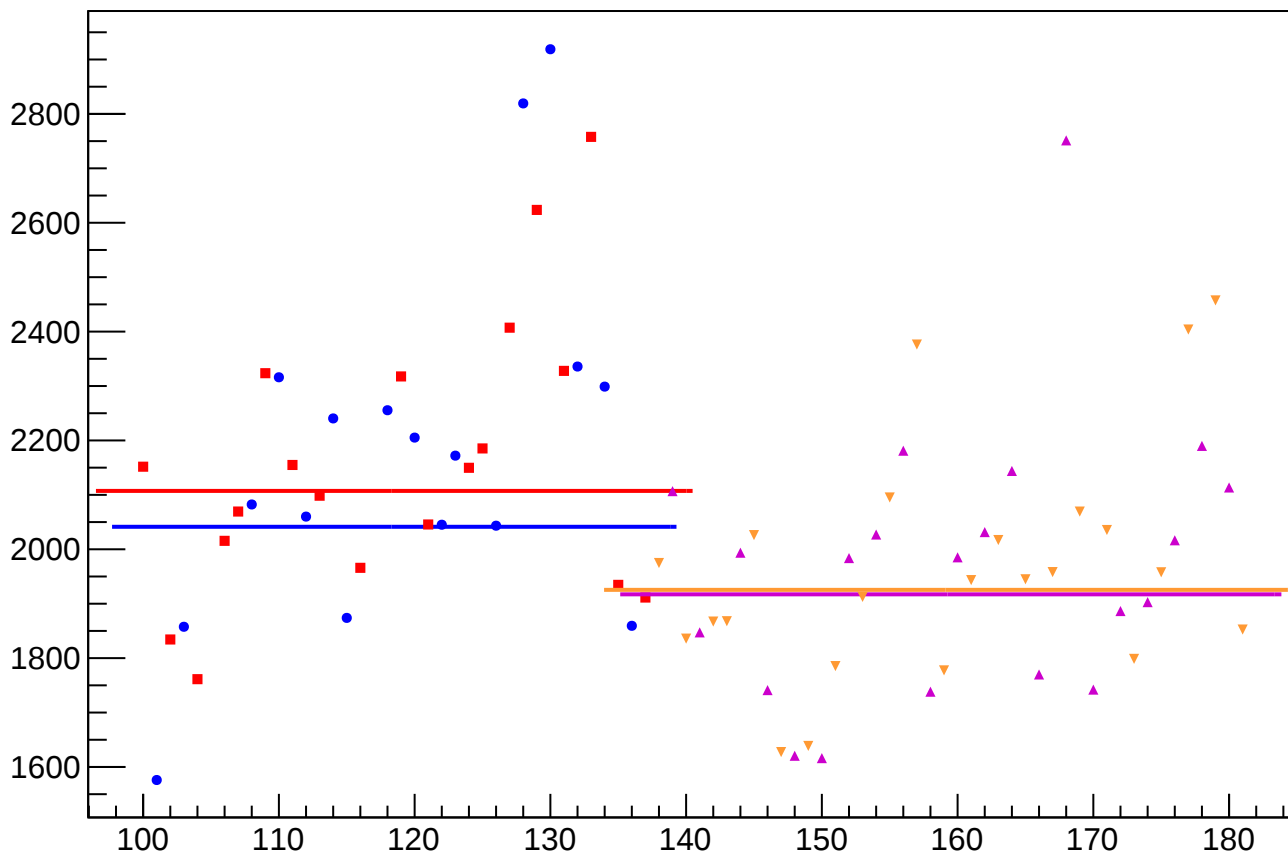
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2444.473+/-408.010 χ^2/NDF : 42.7/37

Out: 1758.999+/-400.032 χ^2/NDF : 33.8/41

All: 2094.969+/-285.644 χ^2/NDF : 77.9/79

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1925.459 $\pm$ 0.327 χ^2 /NDF:360296.4/22

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1917.218 $\pm$ 0.335 χ^2 /NDF:435246.8/20

Left: 1921.441 $\pm$ 0.234 χ^2 /NDF: 795852.4/43

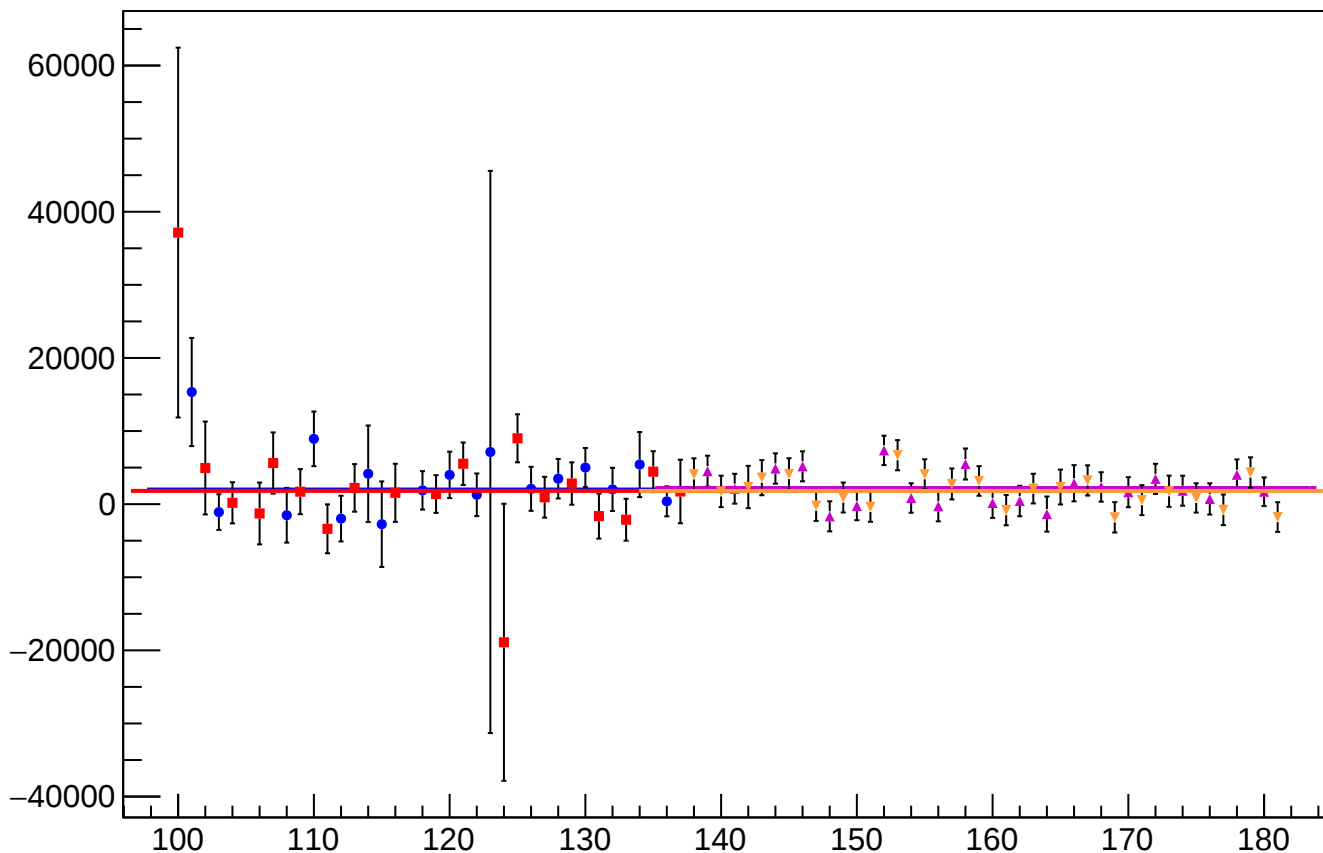
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1949.534 $\pm$ 0.289 χ^2 /NDF:809330.6/37

Out: 1971.410 $\pm$ 0.283 χ^2 /NDF:635105.5/41

All: 1960.688 $\pm$ 0.202 χ^2 /NDF: 1447367.5/79

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1809.480+/-442.729 χ^2/NDF : 24.5/22

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

Left In: 2205.108+/-454.160 χ^2/NDF : 26.7/20

Left: 2002.252+/-317.021 χ^2/NDF : 51.5/43

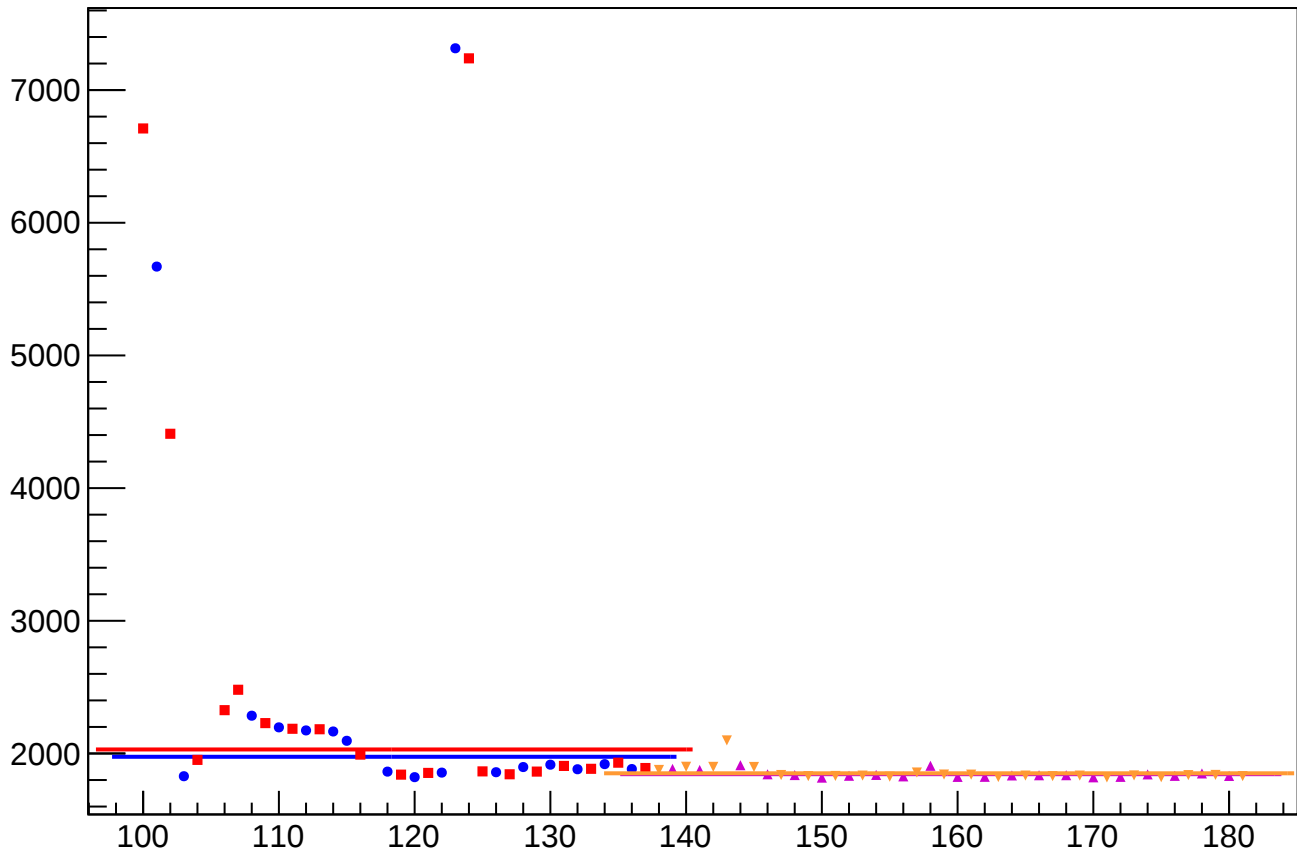
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2153.312+/-392.683 χ^2/NDF : 41.5/37

Out: 1810.962+/-385.205 χ^2/NDF : 42.7/41

All: 1978.846+/-274.987 χ^2/NDF : 84.6/79

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1850.693+/-0.313 χ^2/NDF : 27393.1/22

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

Left In: 1844.016+/-0.321 χ^2/NDF : 6782.6/20

Left: 1847.439+/-0.224 χ^2/NDF : 34397.3/43

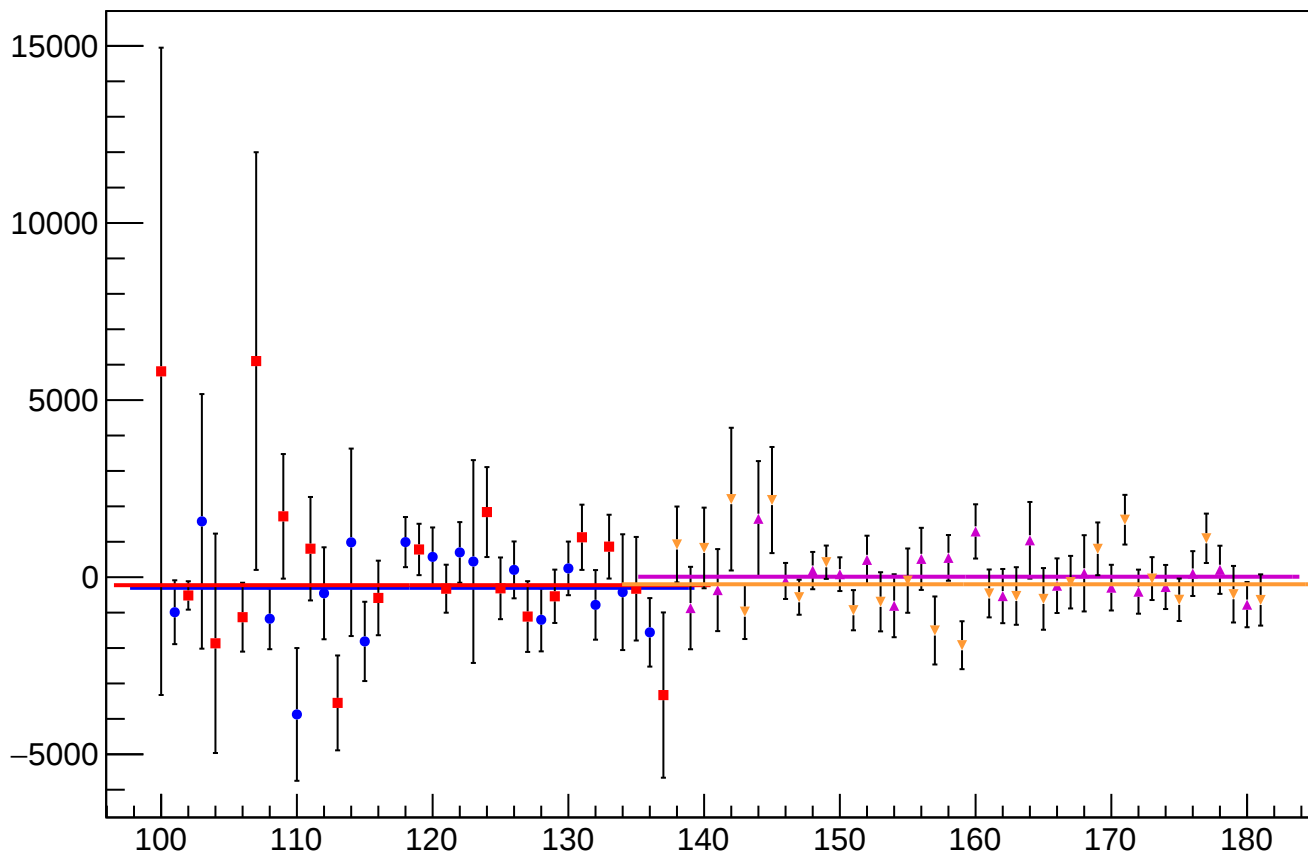
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1877.104+/-0.278 χ^2/NDF : 648674.8/37

Out: 1894.344+/-0.272 χ^2/NDF : 711332.4/41

All: 1885.890+/-0.194 χ^2/NDF : 1361971.6/79

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990+/-246.615 χ^2/NDF : 17.3/16

Left Out: -199.733+/-151.855 χ^2/NDF : 33.2/22

Right Out: -225.432+/-215.564 χ^2/NDF : 22.2/18

Left In: 13.282+/-153.652 χ^2/NDF : 11.1/20

Left: -94.478+/-108.008 χ^2/NDF : 45.2/43

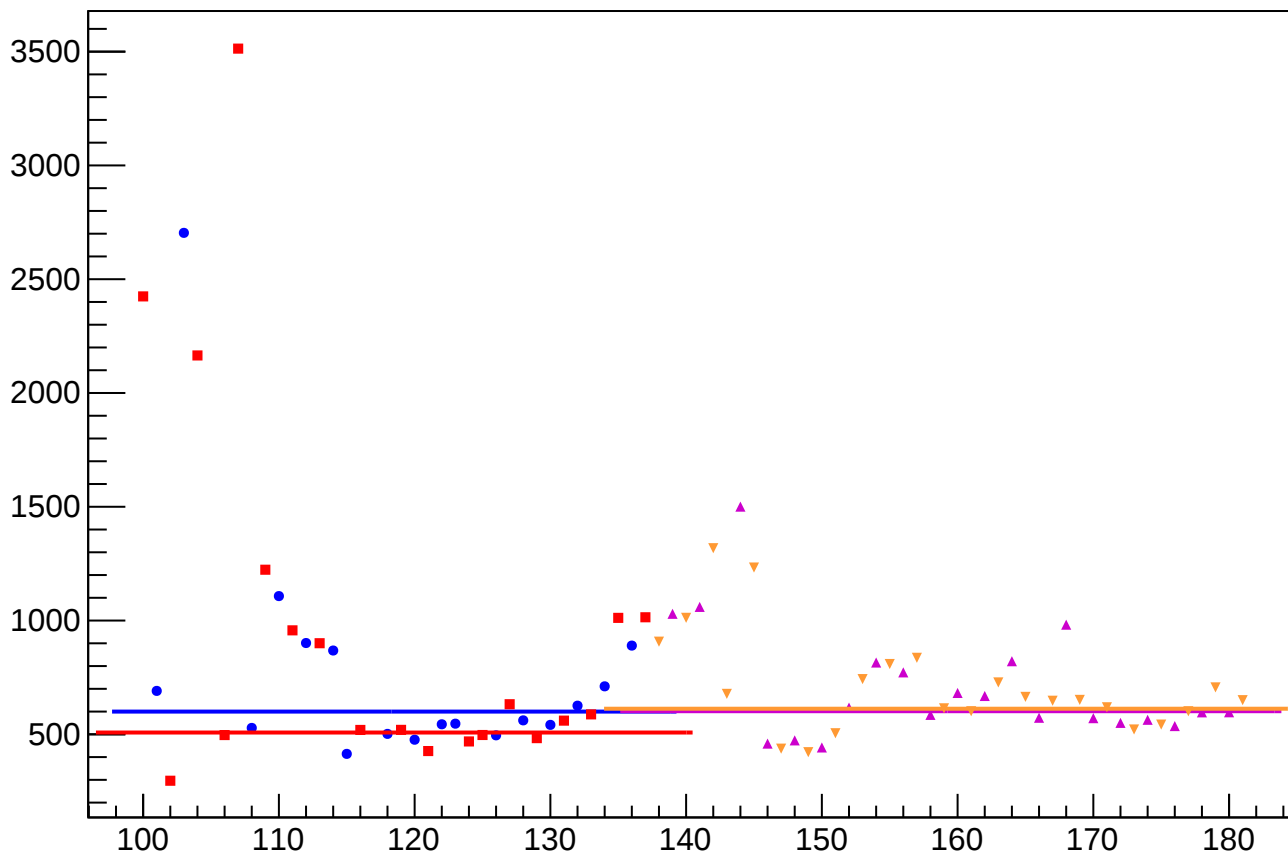
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -74.320+/-130.411 χ^2/NDF : 29.6/37

Out: -208.257+/-124.144 χ^2/NDF : 55.4/41

All: -144.584+/-89.917 χ^2/NDF : 85.5/79

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 612.560 ± 0.107 χ^2/NDF : 2068745.6/22

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

Left In: 601.646 ± 0.109 χ^2/NDF : 2305125.5/20

Left: 607.167 ± 0.076 χ^2/NDF : 4378976.1/43

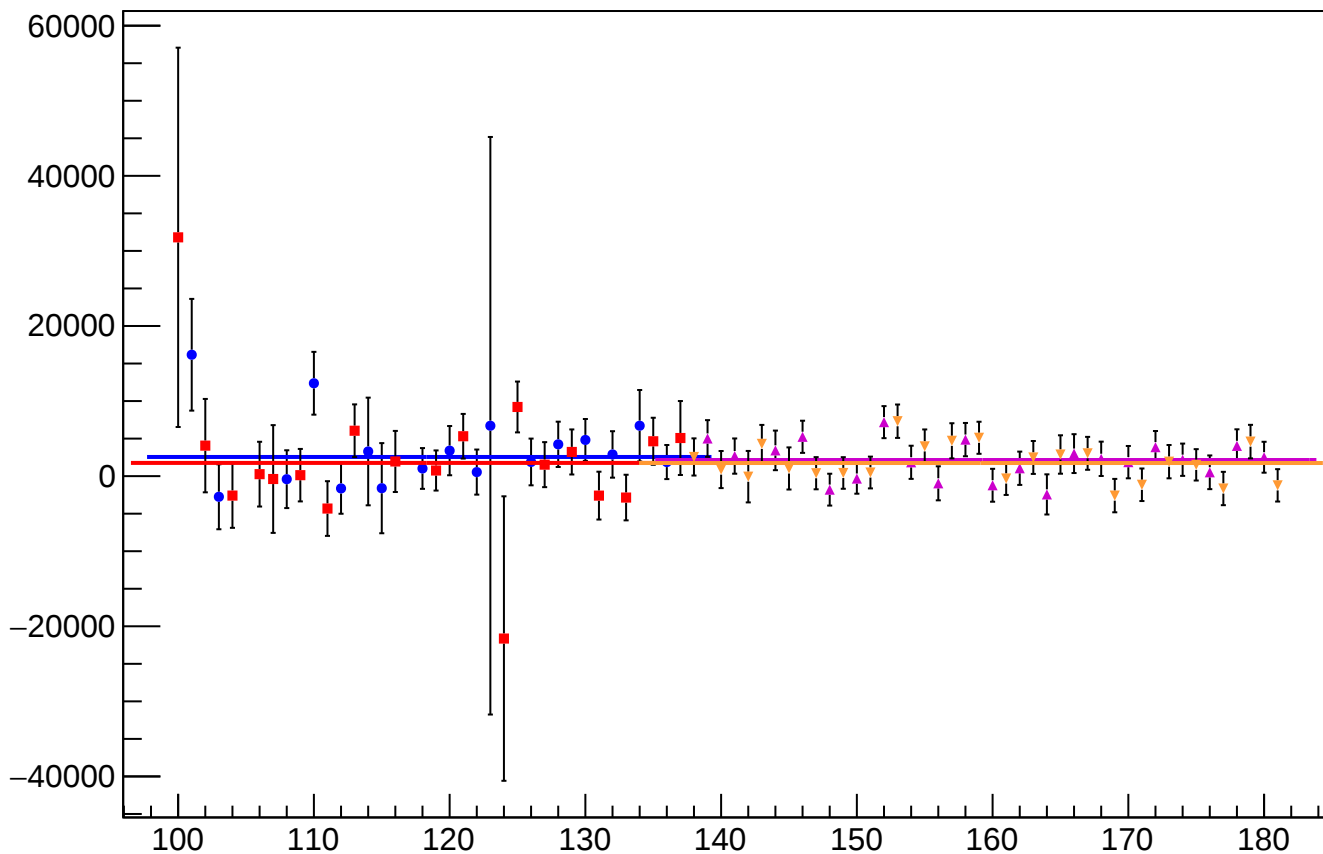
Right: 547.794 ± 0.115 χ^2/NDF : 4387752.6/35

In: 601.173 ± 0.092 χ^2/NDF : 3686242.8/37

Out: 577.862 ± 0.088 χ^2/NDF : 5232462.3/41

All: 588.944 ± 0.064 χ^2/NDF : 8952227.3/79

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1748.556 $\pm$ 476.328 χ^2 /NDF:27.1/22

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

Left In: 2147.996 $\pm$ 489.014 χ^2 /NDF:25.3/20

Left: 1943.028 $\pm$ 341.212 χ^2 /NDF: 52.8/43

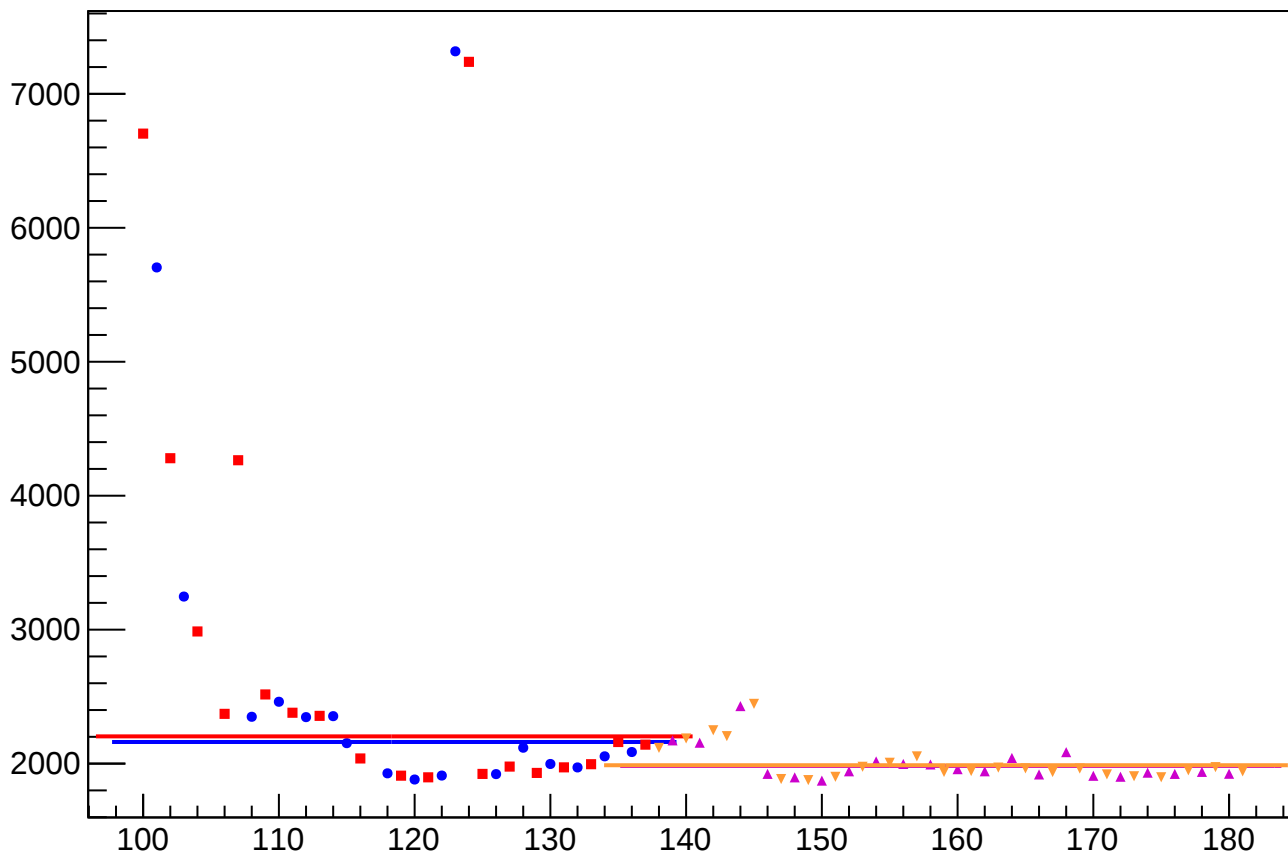
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2247.288 $\pm$ 424.964 χ^2 /NDF:41.2/37

Out: 1751.624 $\pm$ 416.073 χ^2 /NDF:48.0/41

All: 1994.216 $\pm$ 297.302 χ^2 /NDF: 89.9/79

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1987.820 $\pm$ 0.337 χ^2 /NDF:127148.3/22

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

Left In: 1982.351 $\pm$ 0.346 χ^2 /NDF:109699.7/20

Left: 1985.158 $\pm$ 0.241 χ^2 /NDF: 236976.4/43

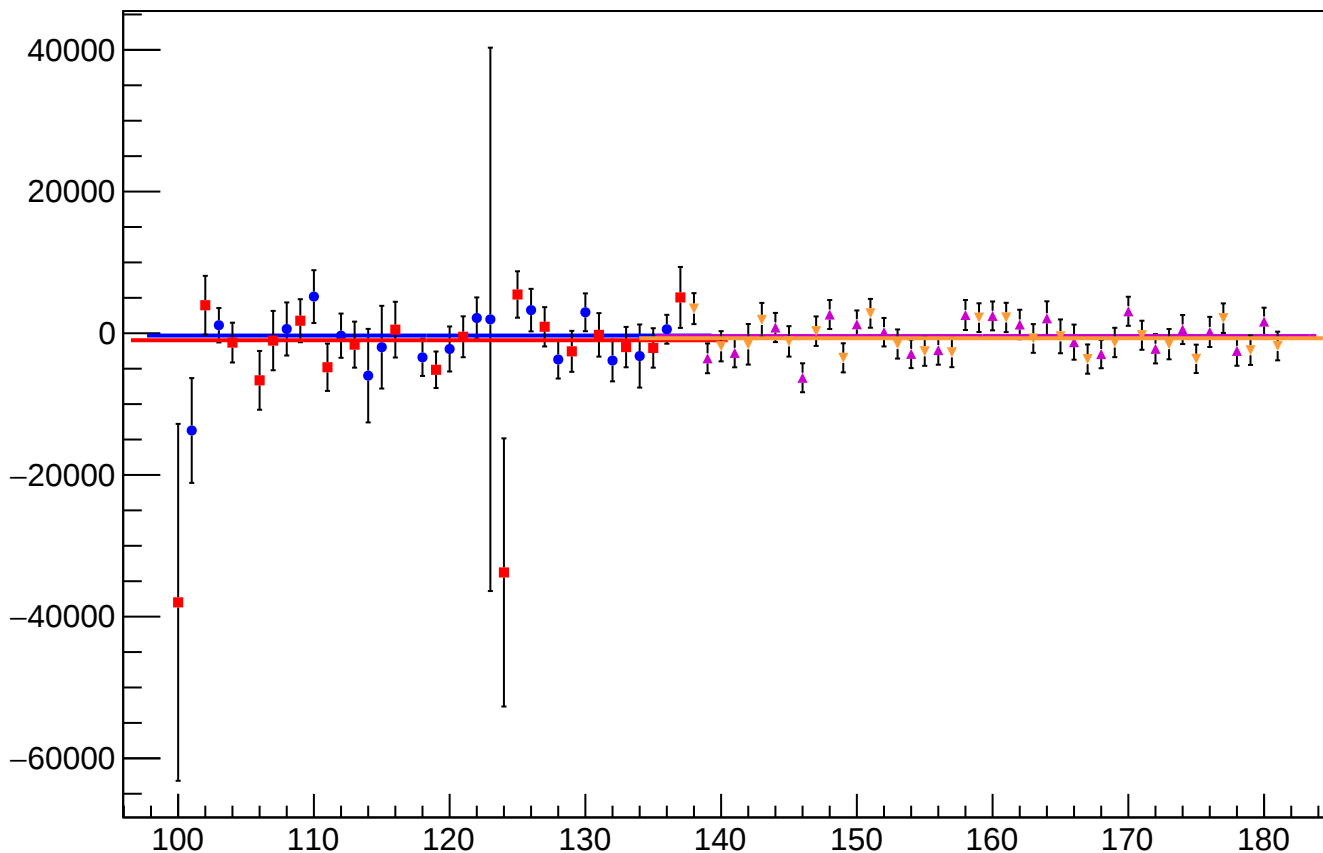
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2026.187 $\pm$ 0.300 χ^2 /NDF:886602.6/37

Out: 2038.898 $\pm$ 0.294 χ^2 /NDF:1021580.0/41

All: 2032.677 $\pm$ 0.210 χ^2 /NDF: 1909096.2/79

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -704.925+/-441.527 χ^2/NDF : 23.4/22

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

Left In: -393.996+/-453.166 χ^2/NDF : 31.1/20

Left: -553.504+/-316.241 χ^2/NDF : 54.8/43

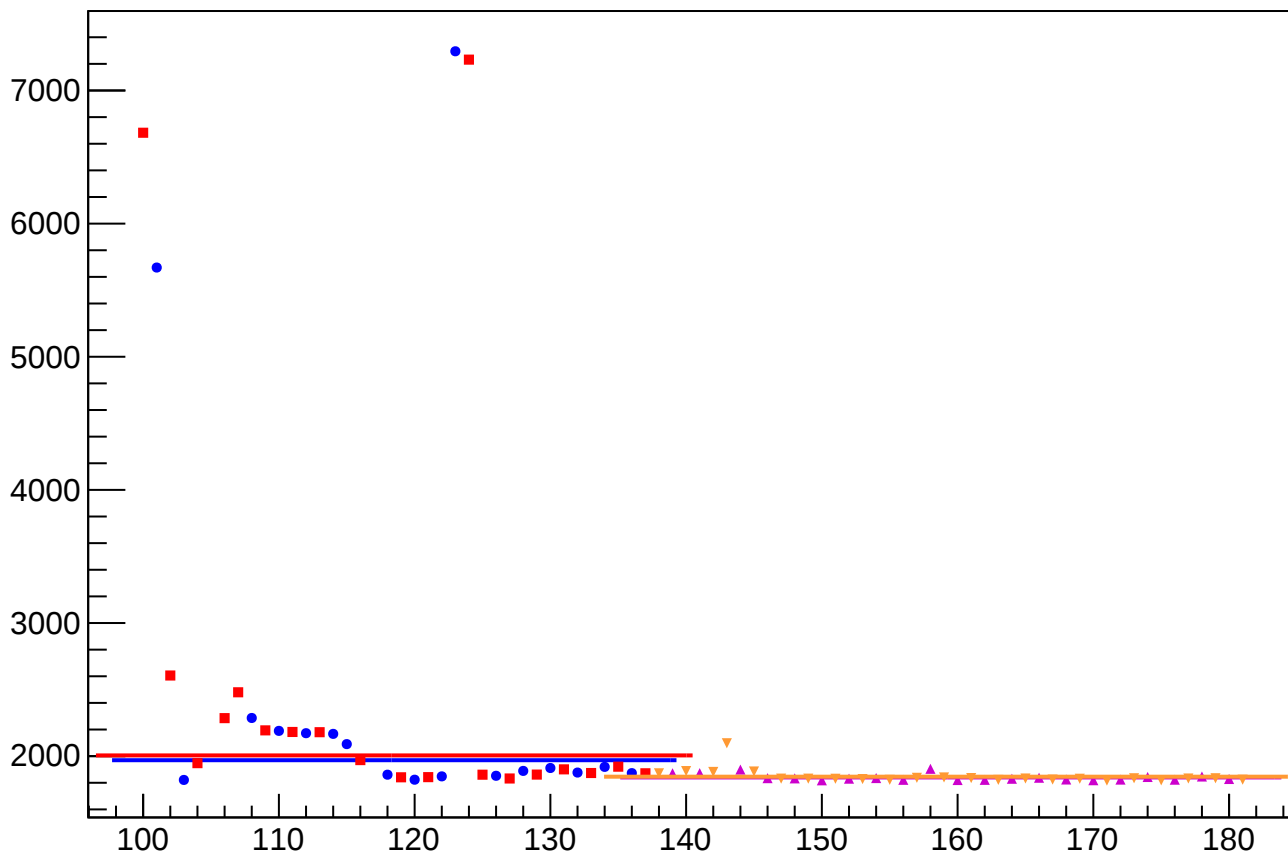
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -376.249+/-391.773 χ^2/NDF : 46.8/37

Out: -774.460+/-383.016 χ^2/NDF : 43.9/41

All: -579.855+/-273.877 χ^2/NDF : 91.2/79

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1845.732+/-0.312 χ^2/NDF : 26621.1/22

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

Left In: 1840.016+/-0.320 χ^2/NDF : 5974.5/20

Left: 1842.949+/-0.224 χ^2/NDF : 32758.7/43

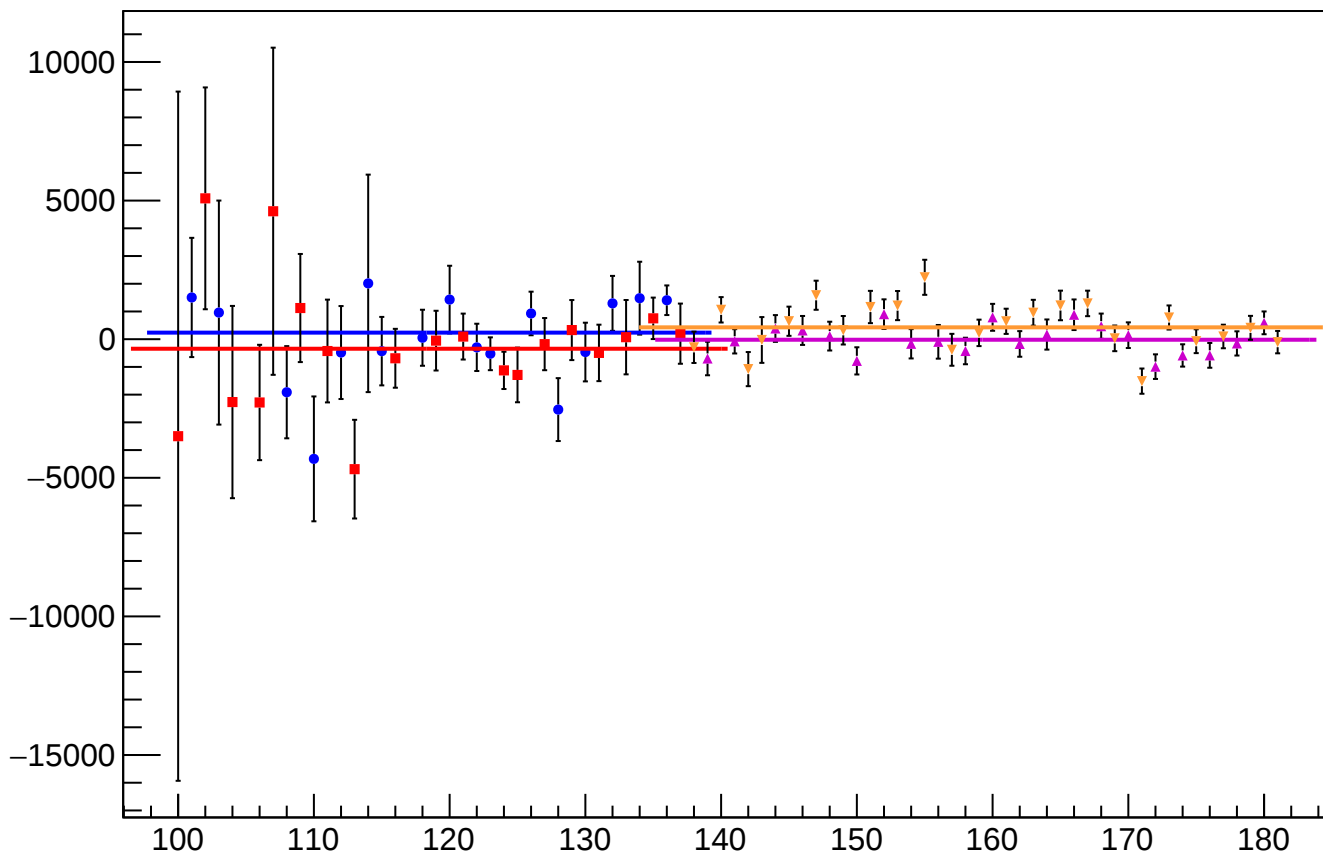
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1872.722+/-0.277 χ^2/NDF : 650026.4/37

Out: 1885.284+/-0.271 χ^2/NDF : 451116.2/41

All: 1879.145+/-0.194 χ^2/NDF : 1102194.0/79

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 427.627 $\pm$ 102.894 χ^2 /NDF:59.5/22

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

Left In: -19.787 $\pm$ 105.175 χ^2 /NDF:26.2/20

Left: 208.823 $\pm$ 73.550 χ^2 /NDF: 95.0/43

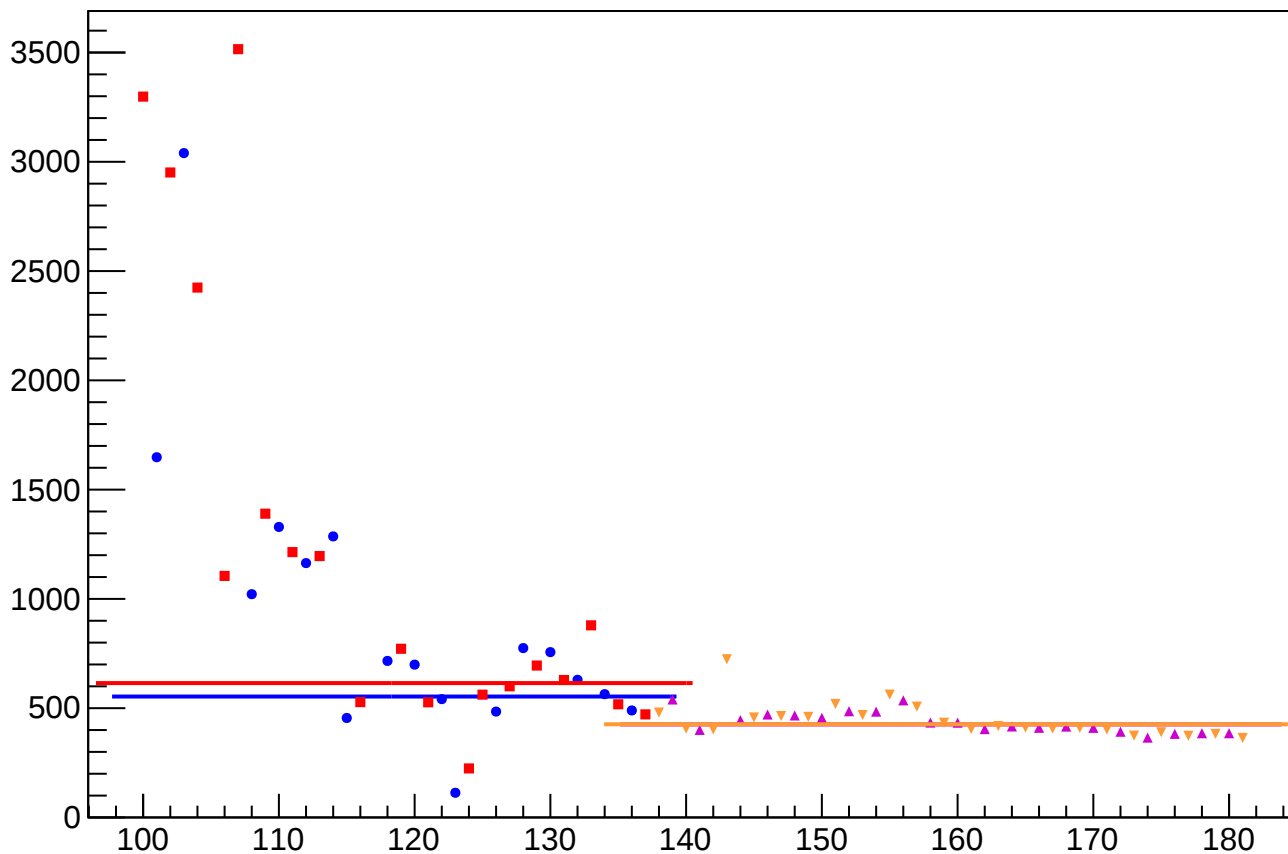
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 19.175 $\pm$ 96.863 χ^2 /NDF:51.0/37

Out: 328.796 $\pm$ 96.082 χ^2 /NDF:82.7/41

All: 175.240 $\pm$ 68.215 χ^2 /NDF: 138.9/79

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 426.345+/-0.073 χ^2/NDF : 667240.9/22

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

Left In: 425.593+/-0.074 χ^2/NDF : 353724.8/20

Left: 425.977+/-0.052 χ^2/NDF : 1021018.0/43

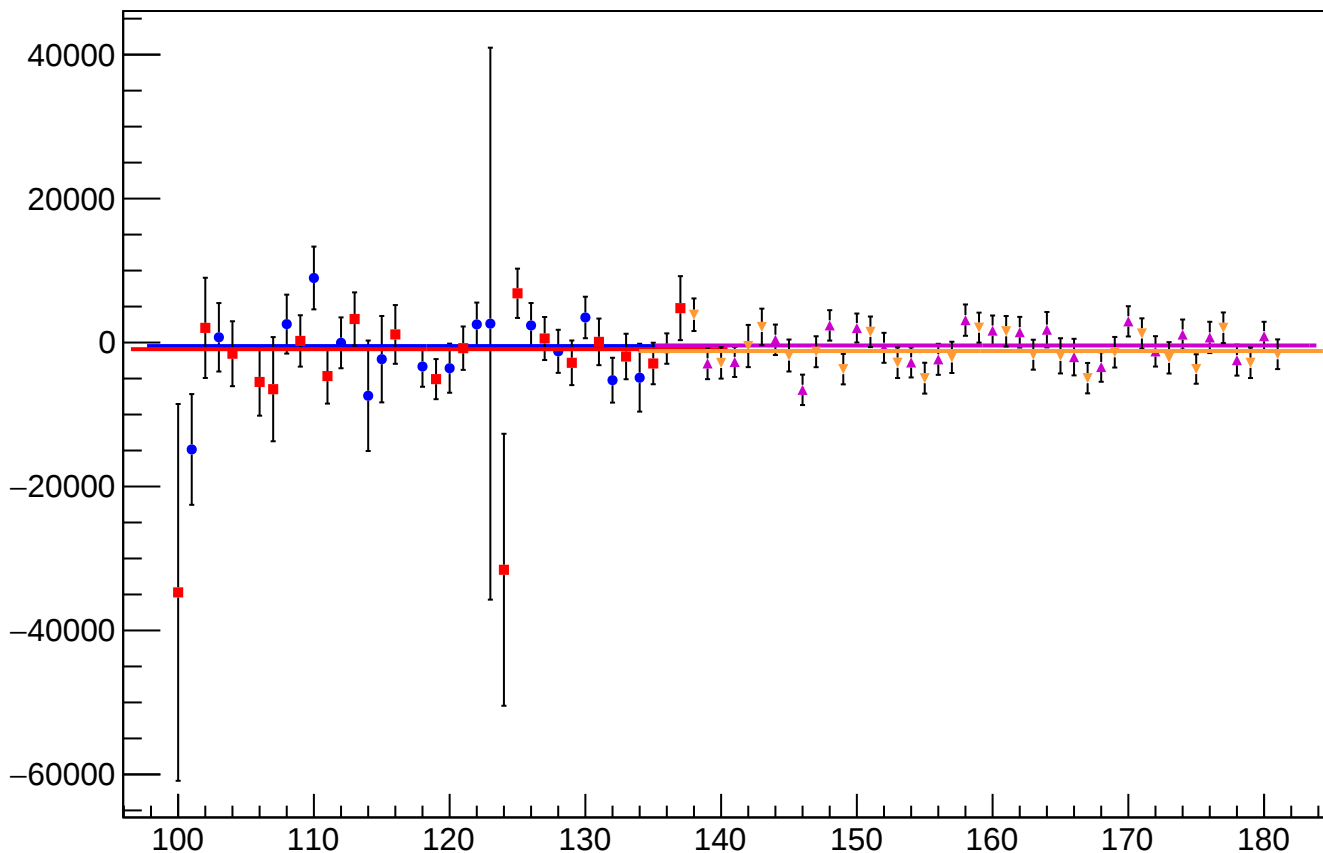
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 444.977+/-0.068 χ^2/NDF : 4213978.9/37

Out: 450.478+/-0.068 χ^2/NDF : 5096128.9/41

All: 447.750+/-0.048 χ^2/NDF : 9313359.0/79

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1176.269+/-454.406 χ^2/NDF : 27.7/22

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

Left In: -407.293+/-465.830 χ^2/NDF : 28.9/20

Left: -801.326+/-325.277 χ^2/NDF : 58.0/43

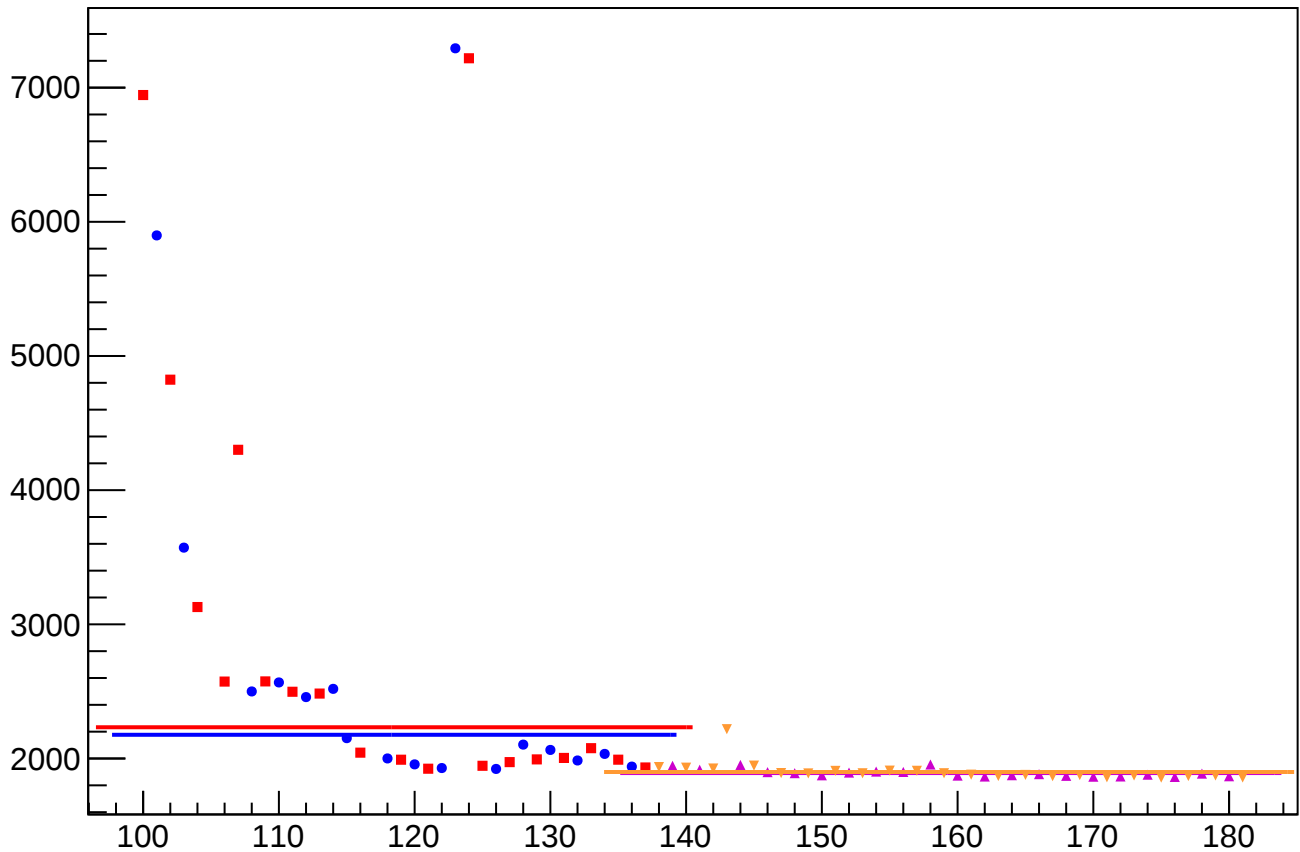
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -426.222+/-410.455 χ^2/NDF : 47.5/37

Out: -1121.619+/-402.643 χ^2/NDF : 46.7/41

All: -780.601+/-287.434 χ^2/NDF : 95.6/79

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1899.422+/-0.321 χ^2/NDF : 38628.0/22

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

Left In: 1891.571+/-0.329 χ^2/NDF : 7225.5/20

Left: 1895.594+/-0.230 χ^2/NDF : 46144.7/43

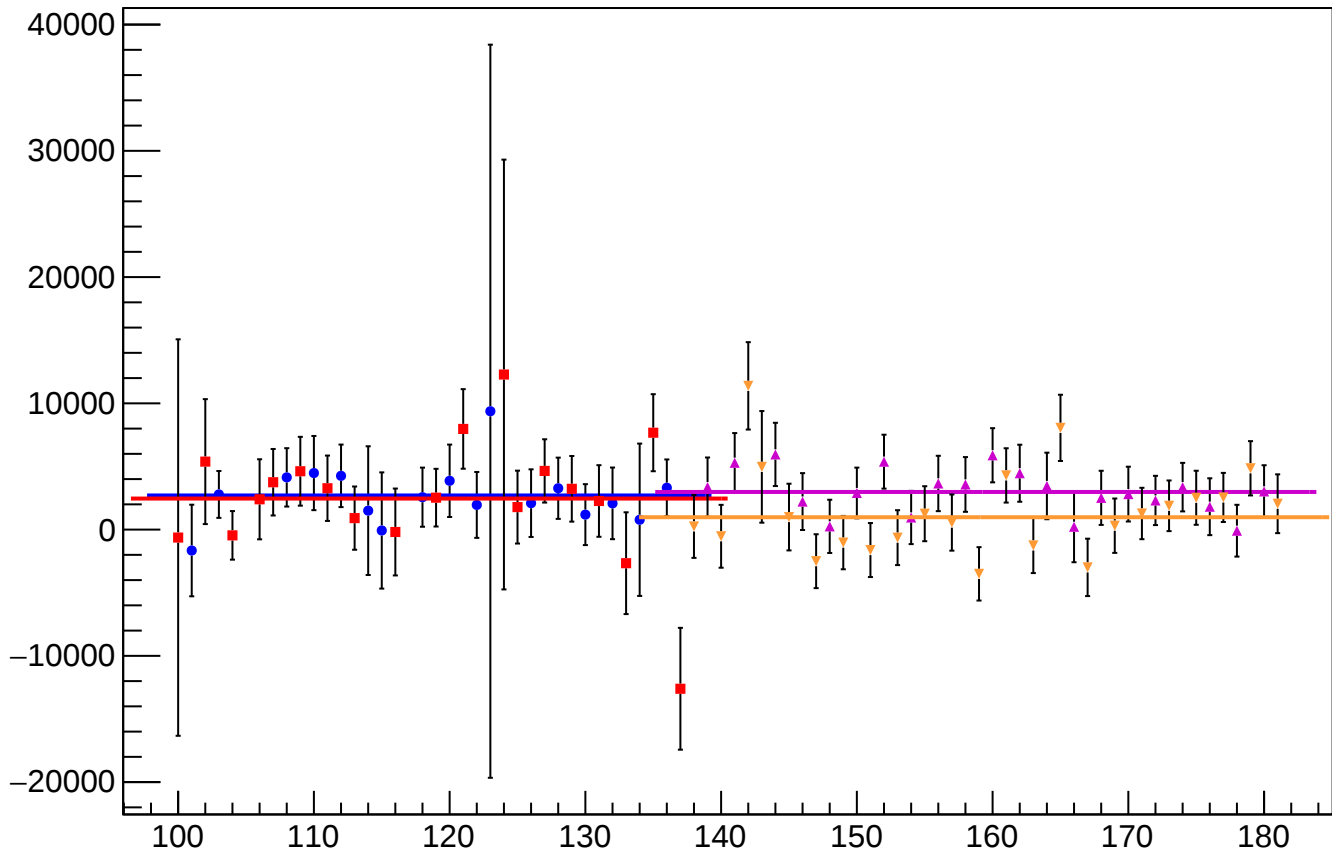
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1955.341+/-0.290 χ^2/NDF : 977514.9/37

Out: 1971.067+/-0.285 χ^2/NDF : 1160586.1/41

All: 1963.355+/-0.203 χ^2/NDF : 2139597.1/79

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 981.161 $\pm$ 473.339 χ^2 /NDF:39.2/22

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

Left In: 2980.994 $\pm$ 478.227 χ^2 /NDF:12.5/20

Left: 1970.804 $\pm$ 336.416 χ^2 /NDF: 60.5/43

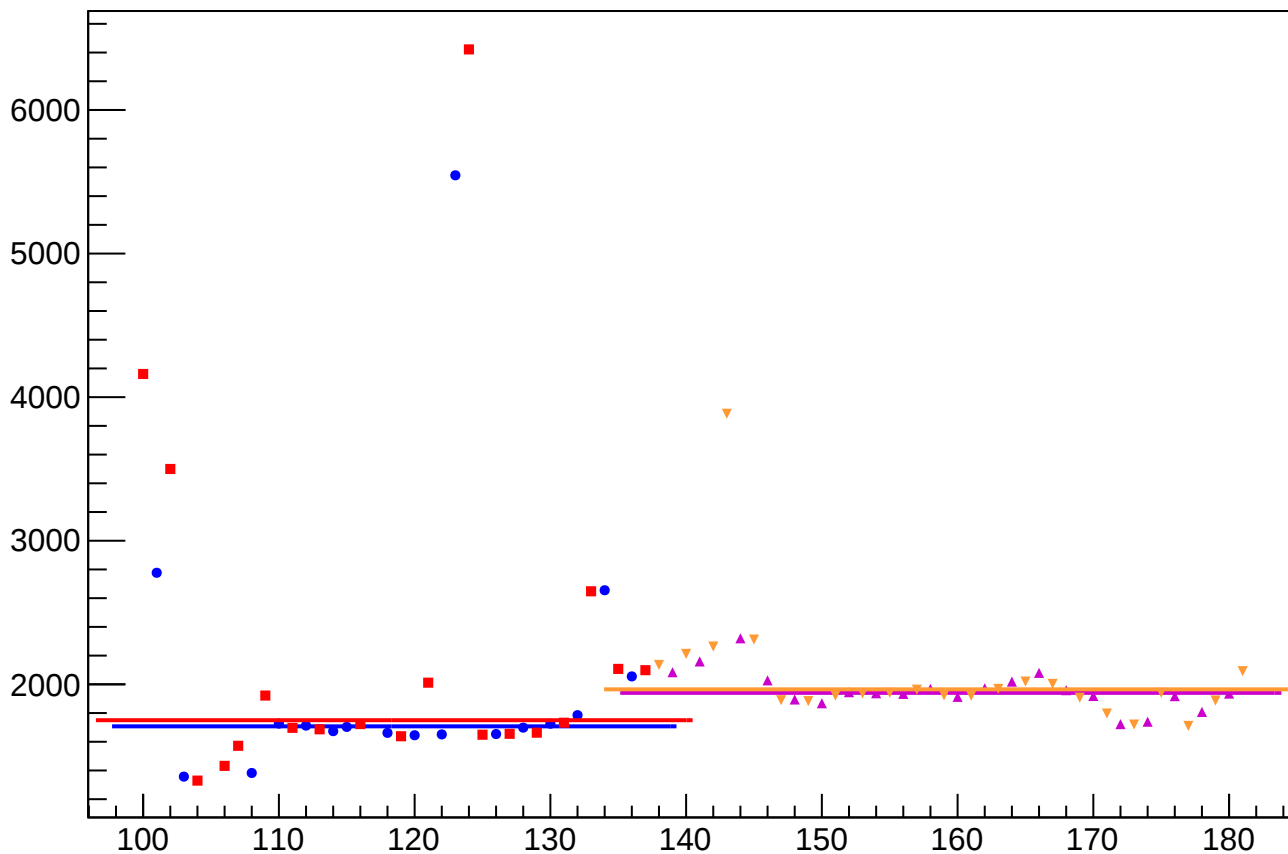
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2888.057 $\pm$ 390.004 χ^2 /NDF:16.7/37

Out: 1460.919 $\pm$ 388.976 χ^2 /NDF:65.5/41

All: 2172.604 $\pm$ 275.410 χ^2 /NDF: 88.9/79

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1965.068 ± 0.335 $\chi^2/\text{NDF}: 553505.5/22$

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

Left In: 1940.554 ± 0.338 $\chi^2/\text{NDF}: 140848.0/20$

Left: 1952.937 ± 0.238 $\chi^2/\text{NDF}: 697008.1/43$

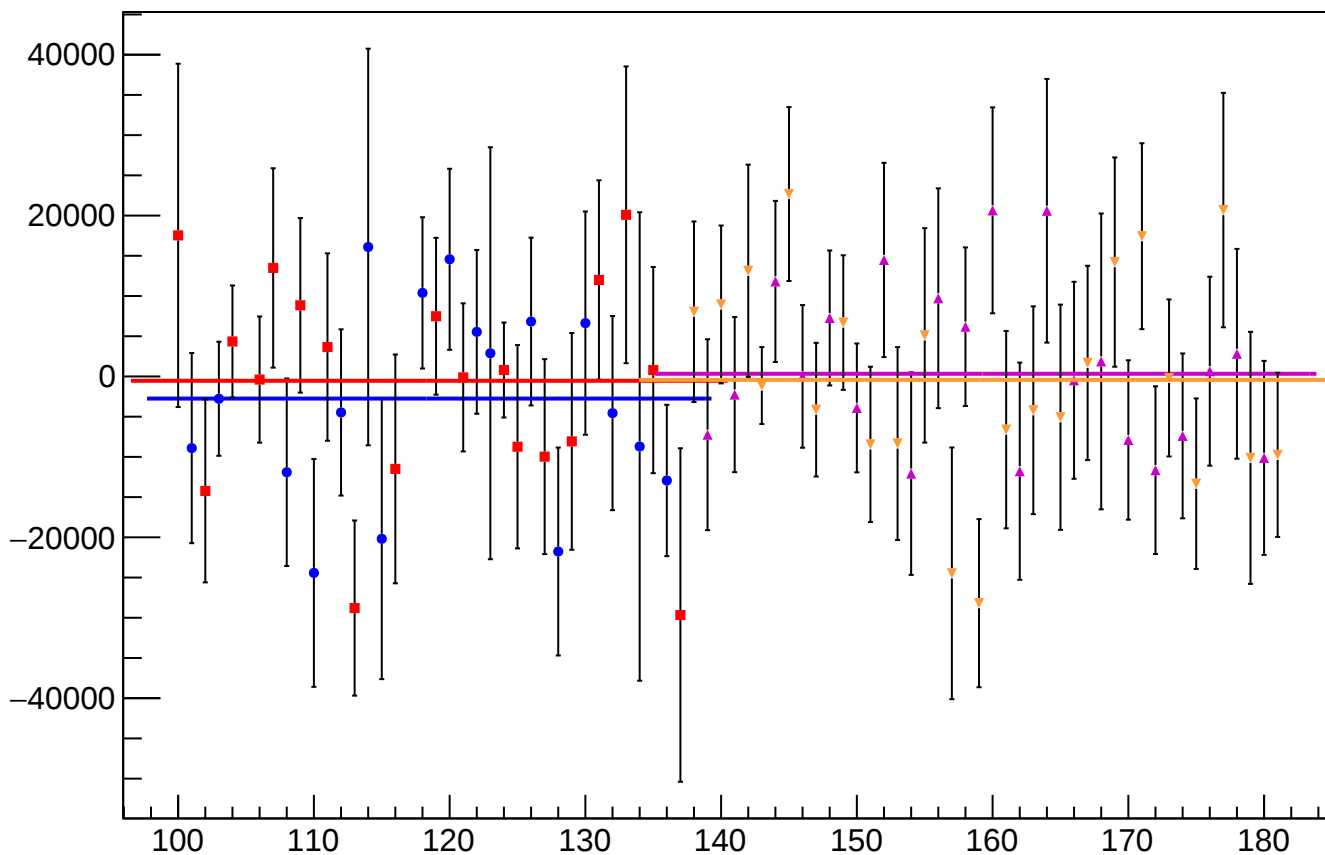
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1862.460 ± 0.276 $\chi^2/\text{NDF}: 722252.8/37$

Out: 1895.248 ± 0.275 $\chi^2/\text{NDF}: 1433974.1/41$

All: 1878.898 ± 0.195 $\chi^2/\text{NDF}: 2163314.3/79$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -423.856 $\pm$ 2144.279 χ^2 /NDF:27.7/22

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

Left In: 332.248 $\pm$ 2404.177 χ^2 /NDF:14.2/20

Left: -88.867 $\pm$ 1600.261 χ^2 /NDF: 41.9/43

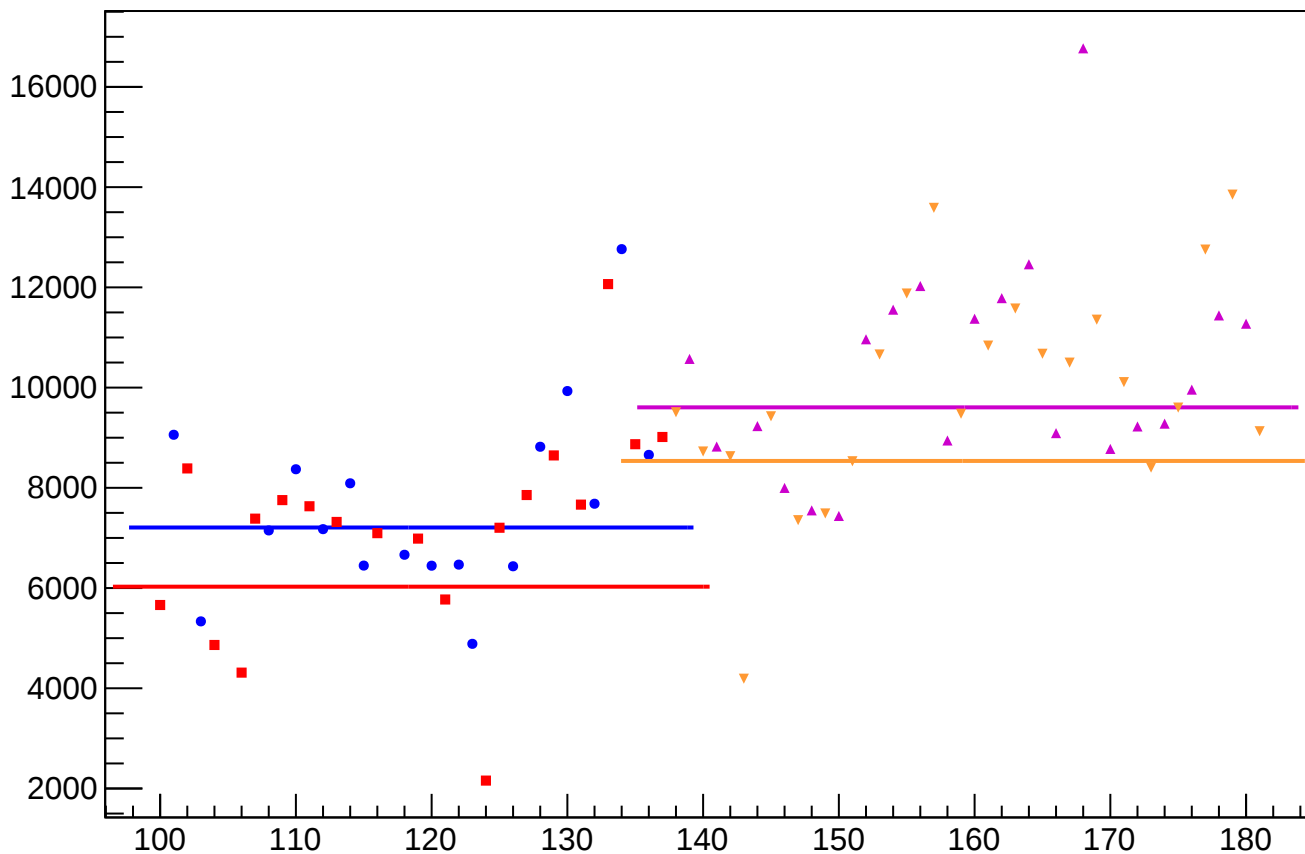
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -953.516 $\pm$ 1835.612 χ^2 /NDF:29.4/37

Out: -474.137 $\pm$ 1606.351 χ^2 /NDF:46.2/41

All: -682.038 $\pm$ 1208.840 χ^2 /NDF: 75.6/79

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8536.478+/-1.516 χ^2/NDF : 3004248.6/22

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

Left In: 9605.700+/-1.700 χ^2/NDF : 1062972.5/20

Left: 9010.193+/-1.132 χ^2/NDF : 4287540.3/43

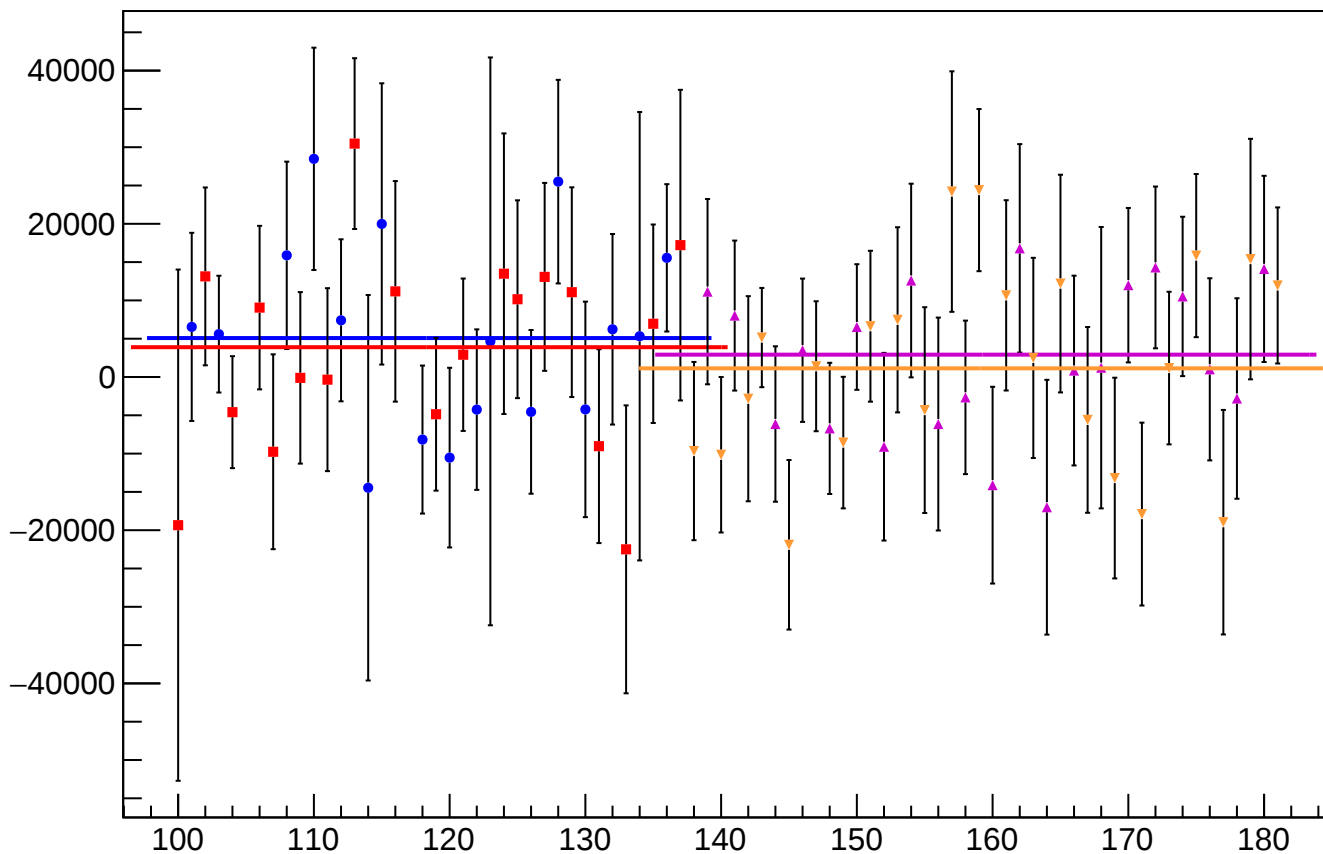
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8605.876+/-1.298 χ^2/NDF : 2386101.6/37

Out: 7435.501+/-1.136 χ^2/NDF : 6004001.4/41

All: 7943.077+/-0.855 χ^2/NDF : 8850545.0/79

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1133.136 $\pm$ 2282.371 χ^2 /NDF:26.9/22

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

Left In: 2917.164 $\pm$ 2444.965 χ^2 /NDF:13.1/20

Left: 1963.862 $\pm$ 1668.402 χ^2 /NDF: 40.3/43

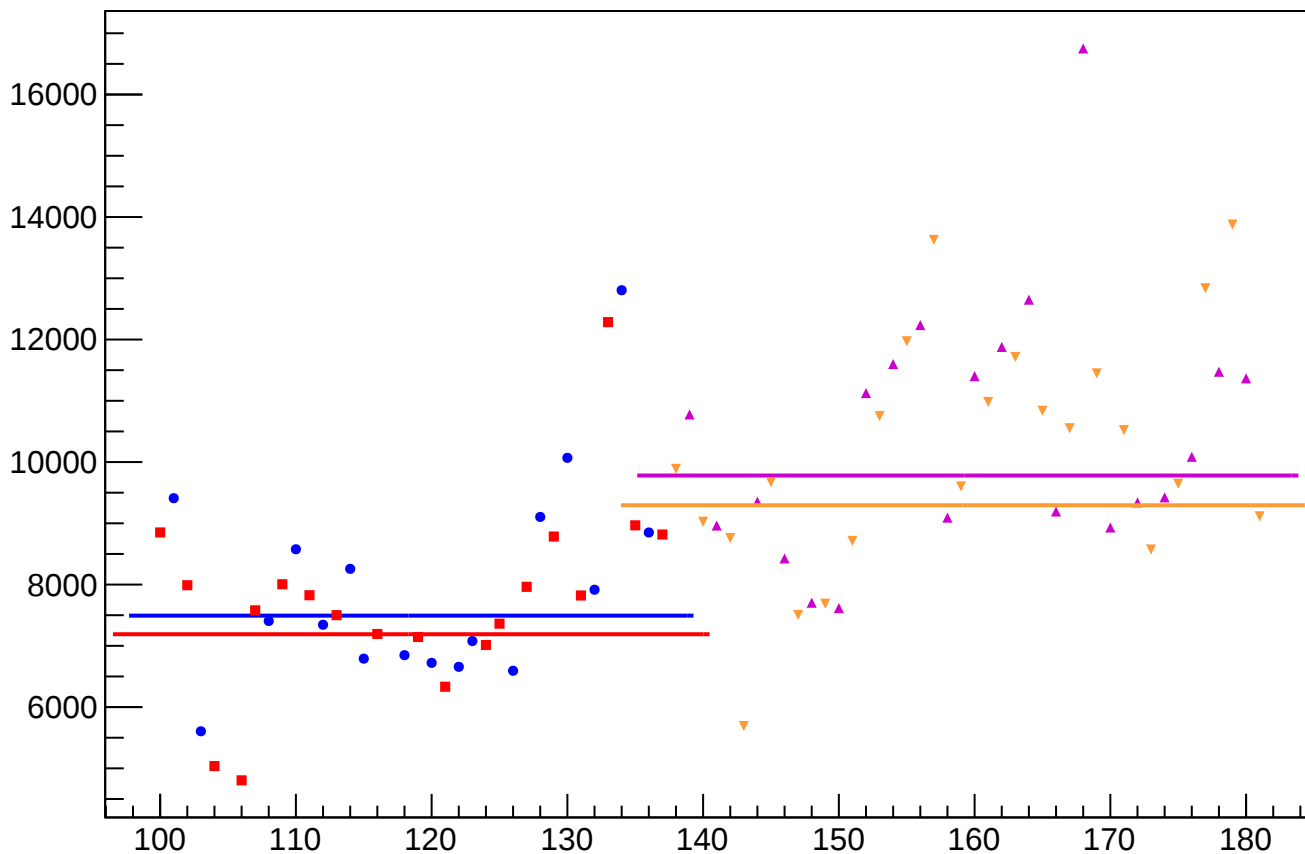
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

In: 3797.899 $\pm$ 1883.824 χ^2 /NDF:27.4/37

Out: 2239.081 $\pm$ 1766.637 χ^2 /NDF:43.2/41

All: 2968.501 $\pm$ 1288.639 χ^2 /NDF: 70.9/79

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9294.924 $\pm$ 1.614 χ^2 /NDF:1585823.3/22

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

Left In: 9780.342 $\pm$ 1.729 χ^2 /NDF:987972.3/20

Left: 9520.957 $\pm$ 1.180 χ^2 /NDF: 2615921.1/43

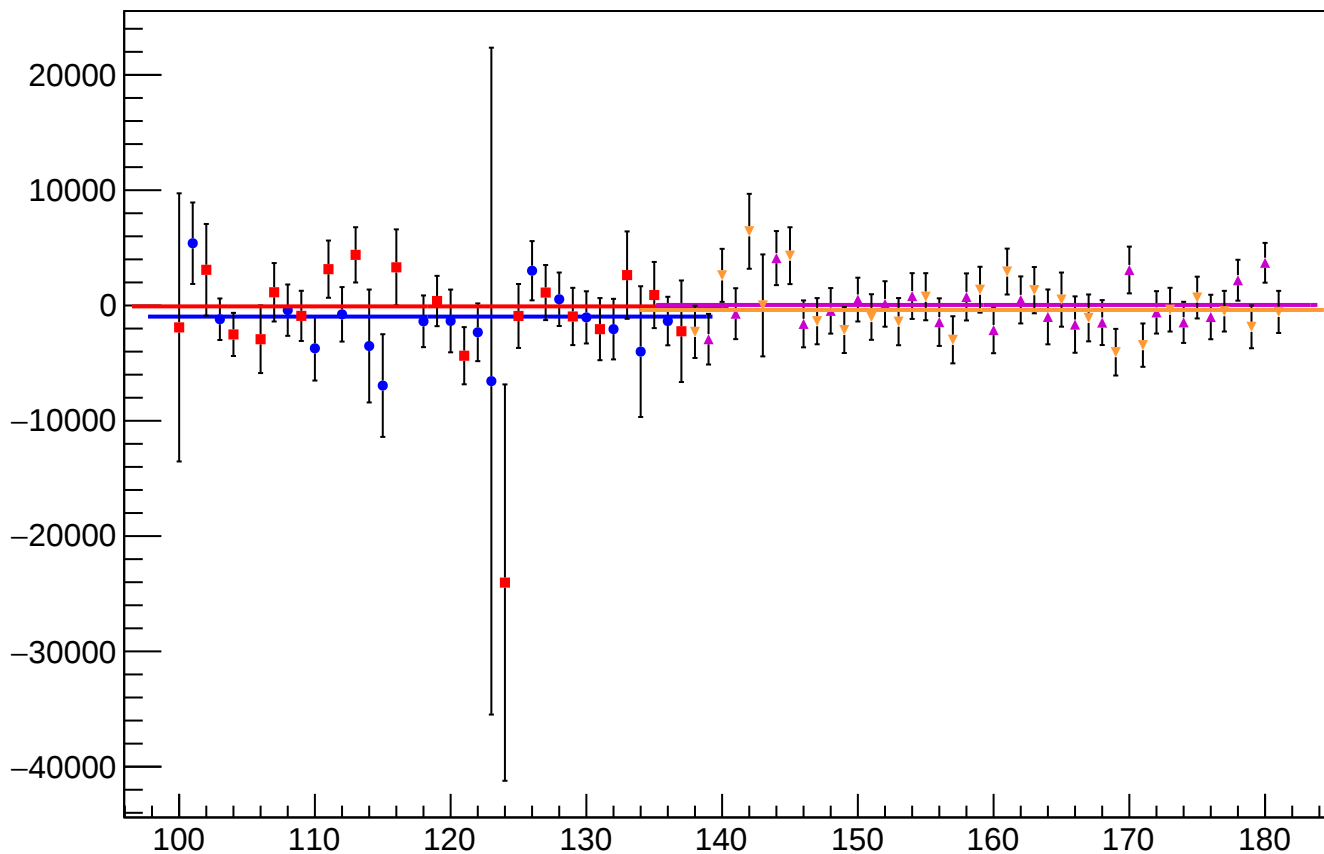
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8850.833 $\pm$ 1.332 χ^2 /NDF:2136408.8/37

Out: 8450.798 $\pm$ 1.249 χ^2 /NDF:2829061.5/41

All: 8637.979 $\pm$ 0.911 χ^2 /NDF: 5013459.2/79

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -389.280 $\pm$ 431.630 χ^2 /NDF:25.2/22

Right Out: -76.747 $\pm$ 633.483 χ^2 /NDF: 16.7/18

Left In: 48.294 $\pm$ 437.405 χ^2 /NDF:18.4/20

Left: -173.401 $\pm$ 307.230 χ^2 /NDF: 44.1/43

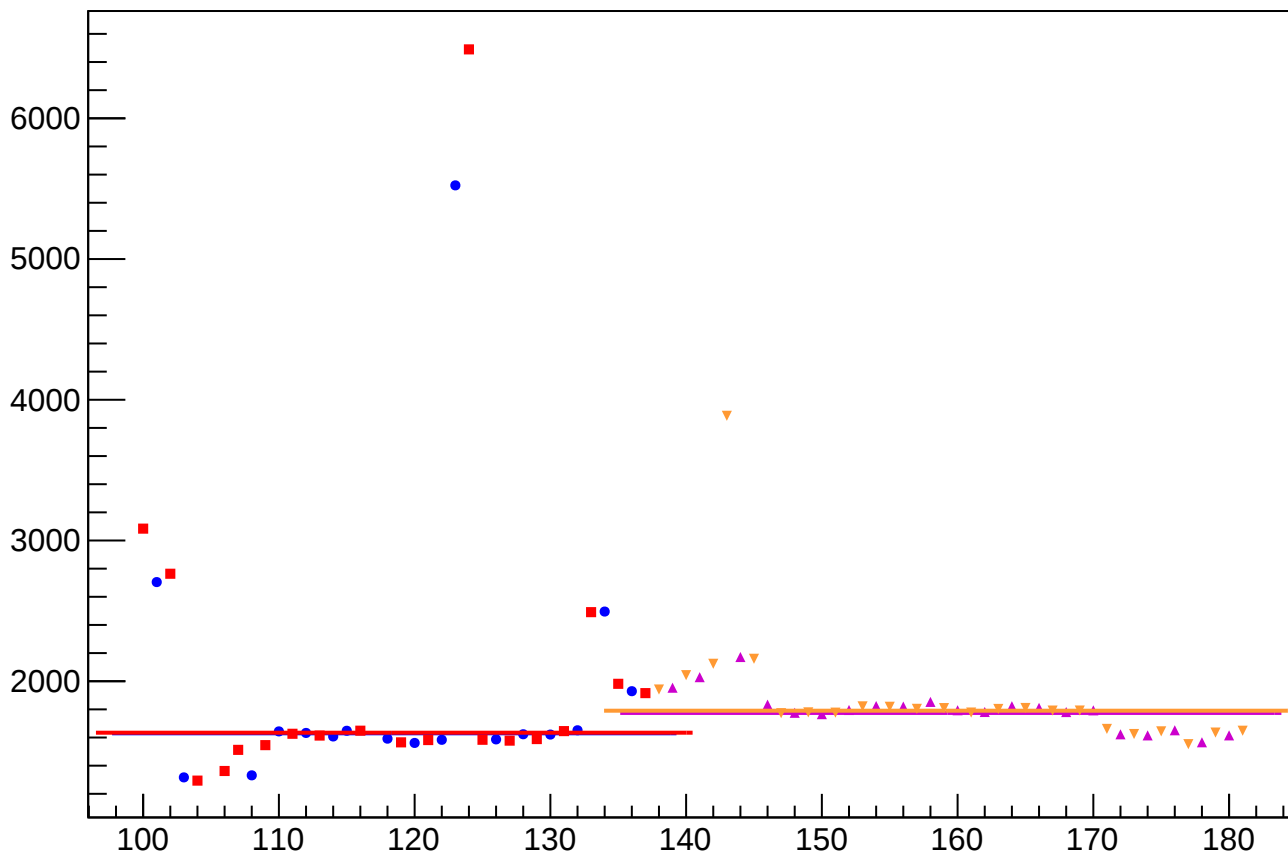
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -271.473 $\pm$ 361.663 χ^2 /NDF:30.1/37

Out: -290.189 $\pm$ 356.701 χ^2 /NDF:42.1/41

All: -280.961 $\pm$ 253.962 χ^2 /NDF: 72.2/79

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1790.569 $\pm$ 0.305 χ^2 /NDF: 649920.3/22

Right Out: 1634.258 $\pm$ 0.448 χ^2 /NDF: 588649.4/18

Left In: 1774.745 $\pm$ 0.309 χ^2 /NDF: 188585.4/20

Left: 1782.762 $\pm$ 0.217 χ^2 /NDF: 839831.9/43

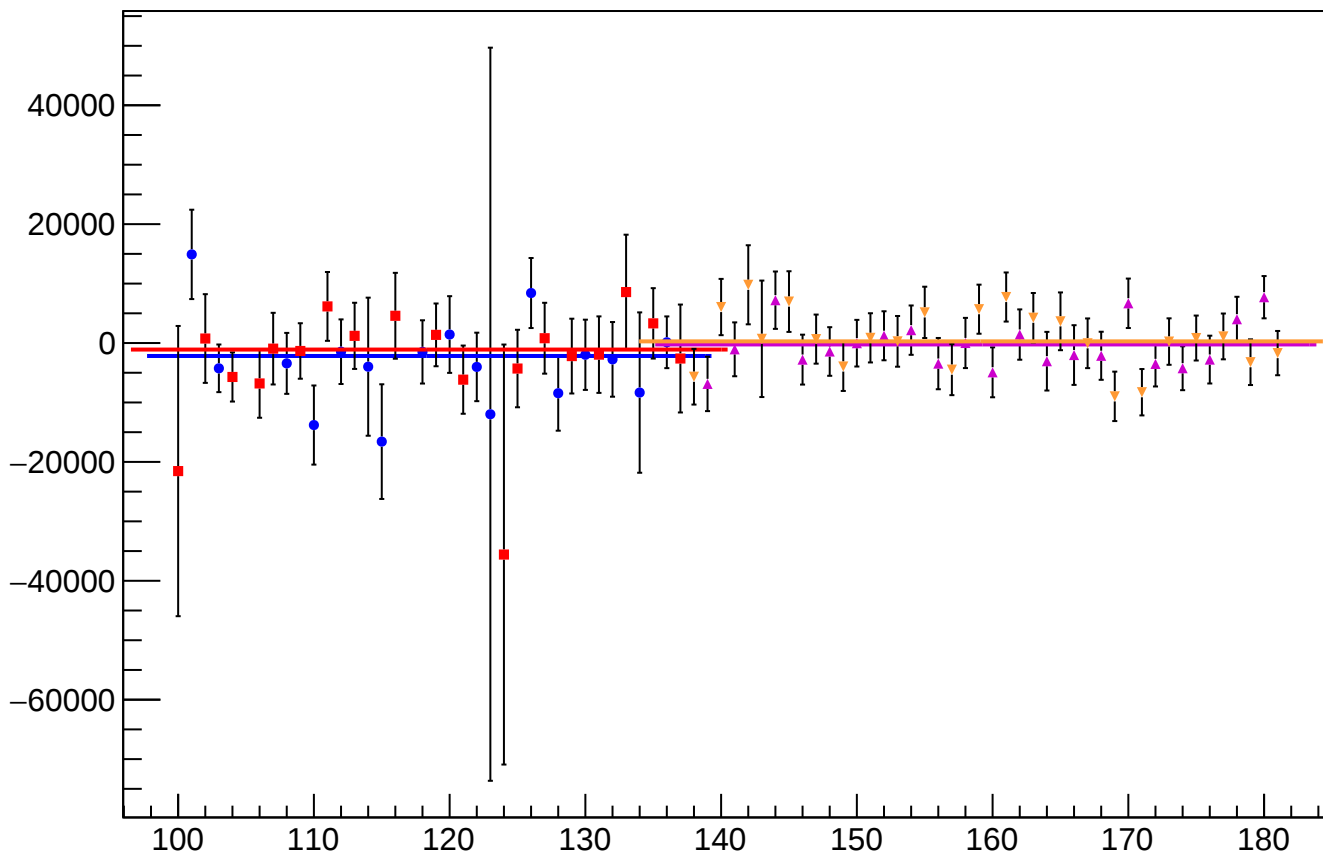
Right: 1632.138 $\pm$ 0.319 χ^2 /NDF: 996846.6/35

In: 1728.942 $\pm$ 0.256 χ^2 /NDF: 666063.7/37

Out: 1741.009 $\pm$ 0.252 χ^2 /NDF: 1321731.9/41

All: 1735.059 $\pm$ 0.180 χ^2 /NDF: 1988924.3/79

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 279.435 ± 897.447 $\chi^2/\text{NDF}: 27.8/22$

Right Out: -1098.345 ± 1439.820 $\chi^2/\text{NDF}: 9.3/18$

Left In: -238.406 ± 907.649 $\chi^2/\text{NDF}: 19.4/20$

Left: 23.441 ± 638.167 $\chi^2/\text{NDF}: 47.4/43$

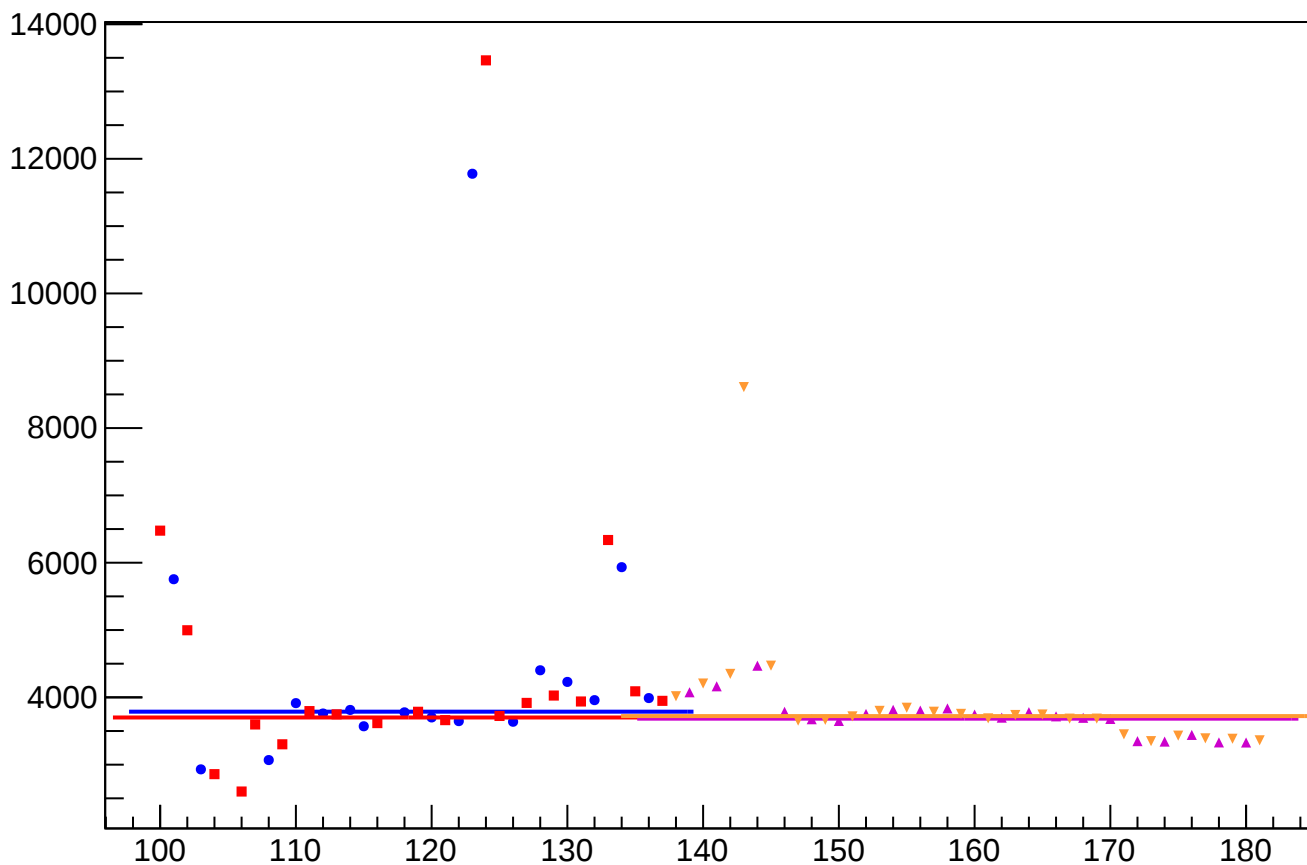
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -762.133 ± 775.577 $\chi^2/\text{NDF}: 36.6/37$

Out: -106.072 ± 761.613 $\chi^2/\text{NDF}: 37.7/41$

All: -428.143 ± 543.412 $\chi^2/\text{NDF}: 74.7/79$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3721.607+/-0.635 χ^2/NDF : 680077.7/22

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

Left In: 3683.545+/-0.642 χ^2/NDF : 176719.0/20

Left: 3702.791+/-0.451 χ^2/NDF : 858575.2/43

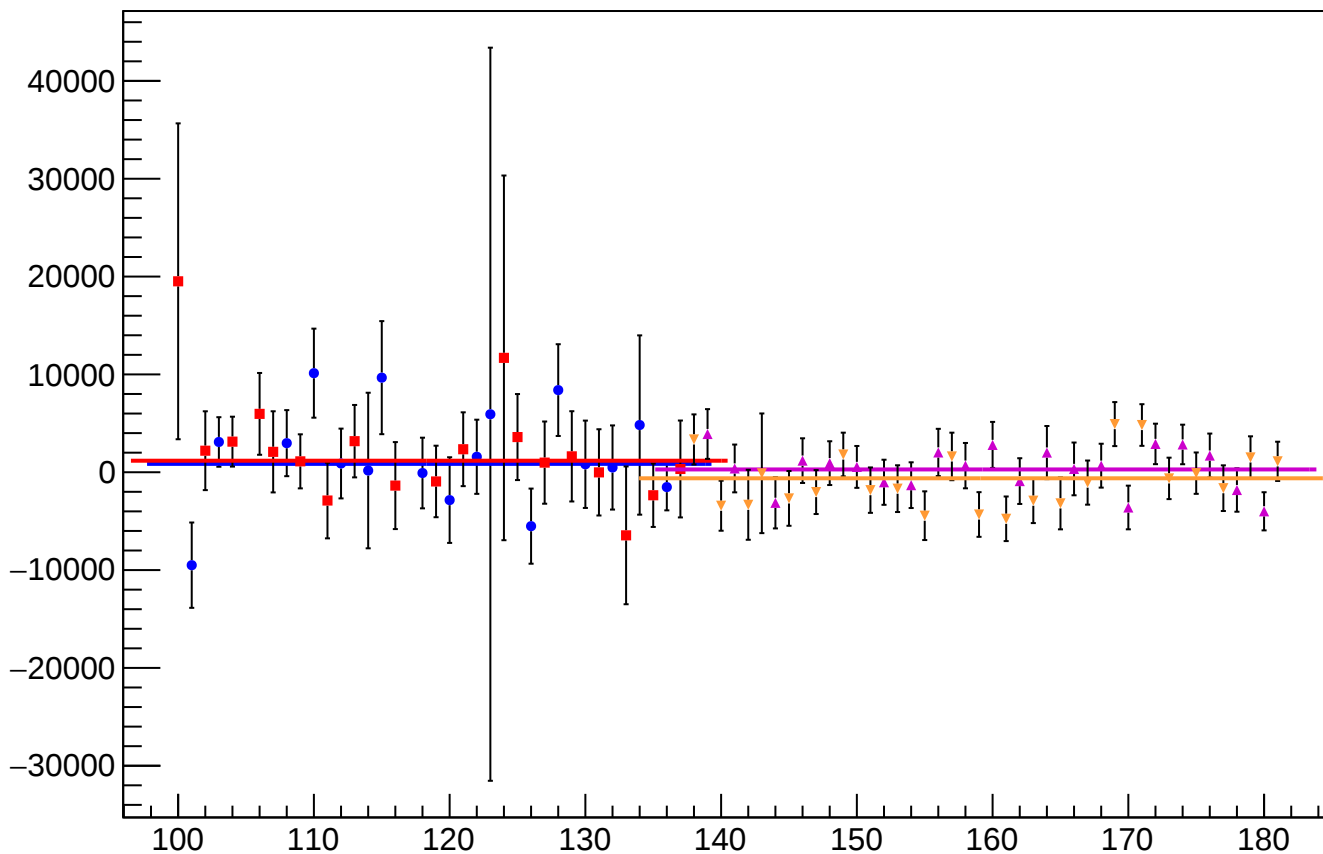
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3711.544+/-0.548 χ^2/NDF : 576422.3/37

Out: 3715.822+/-0.539 χ^2/NDF : 1261469.6/41

All: 3713.722+/-0.384 χ^2/NDF : 1837922.9/79

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -618.249 $\pm$ 496.618 χ^2 /NDF:32.5/22

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

Left In: 286.364 $\pm$ 500.880 χ^2 /NDF:19.5/20

Left: -169.808 $\pm$ 352.659 χ^2 /NDF: 53.6/43

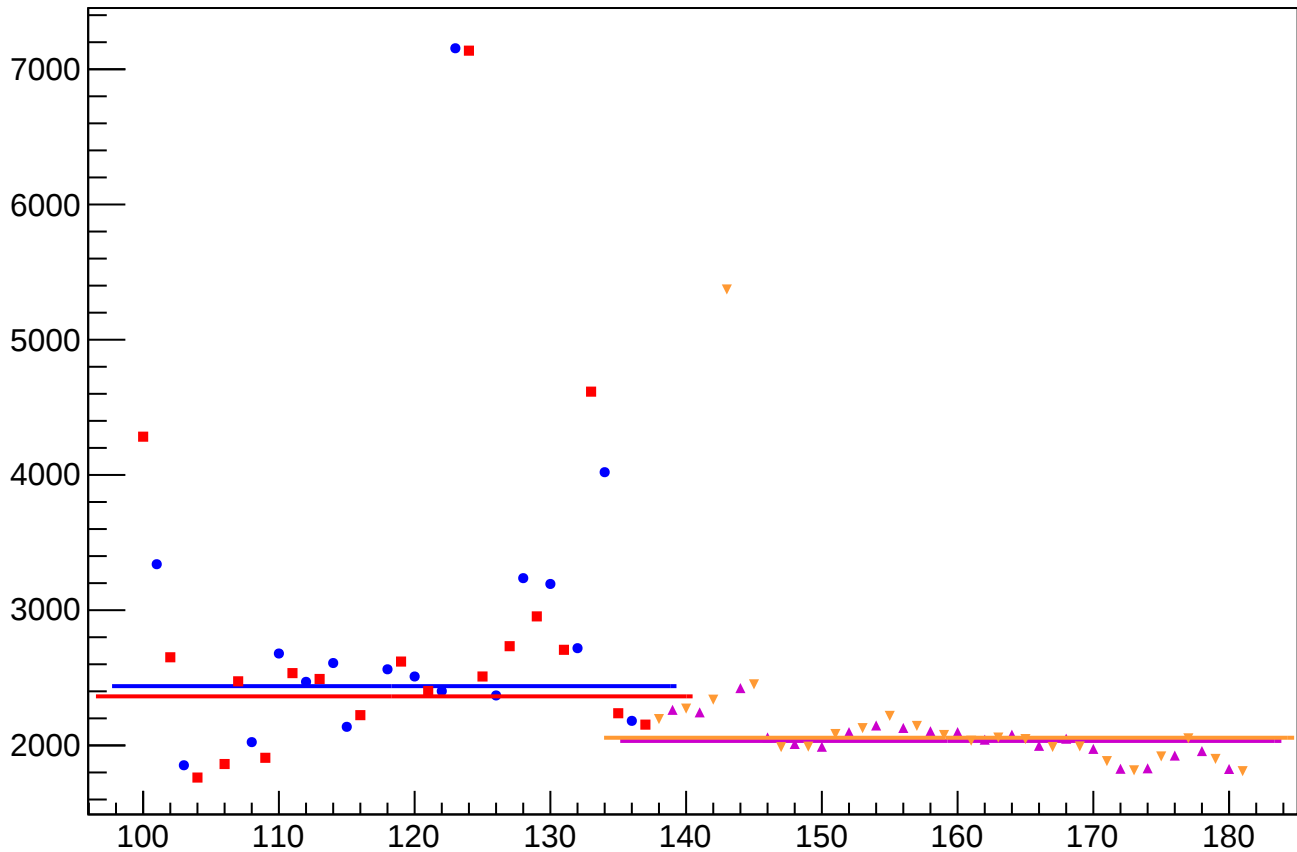
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 407.349 $\pm$ 444.538 χ^2 /NDF:40.4/37

Out: -216.780 $\pm$ 437.616 χ^2 /NDF:43.9/41

All: 90.388 $\pm$ 311.860 χ^2 /NDF: 85.4/79

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2056.751 $\pm$ 0.351 χ^2/NDF : 769129.6/22

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

Left In: 2033.170 $\pm$ 0.354 χ^2/NDF : 161967.0/20

Left: 2045.062 $\pm$ 0.249 χ^2/NDF : 933332.0/43

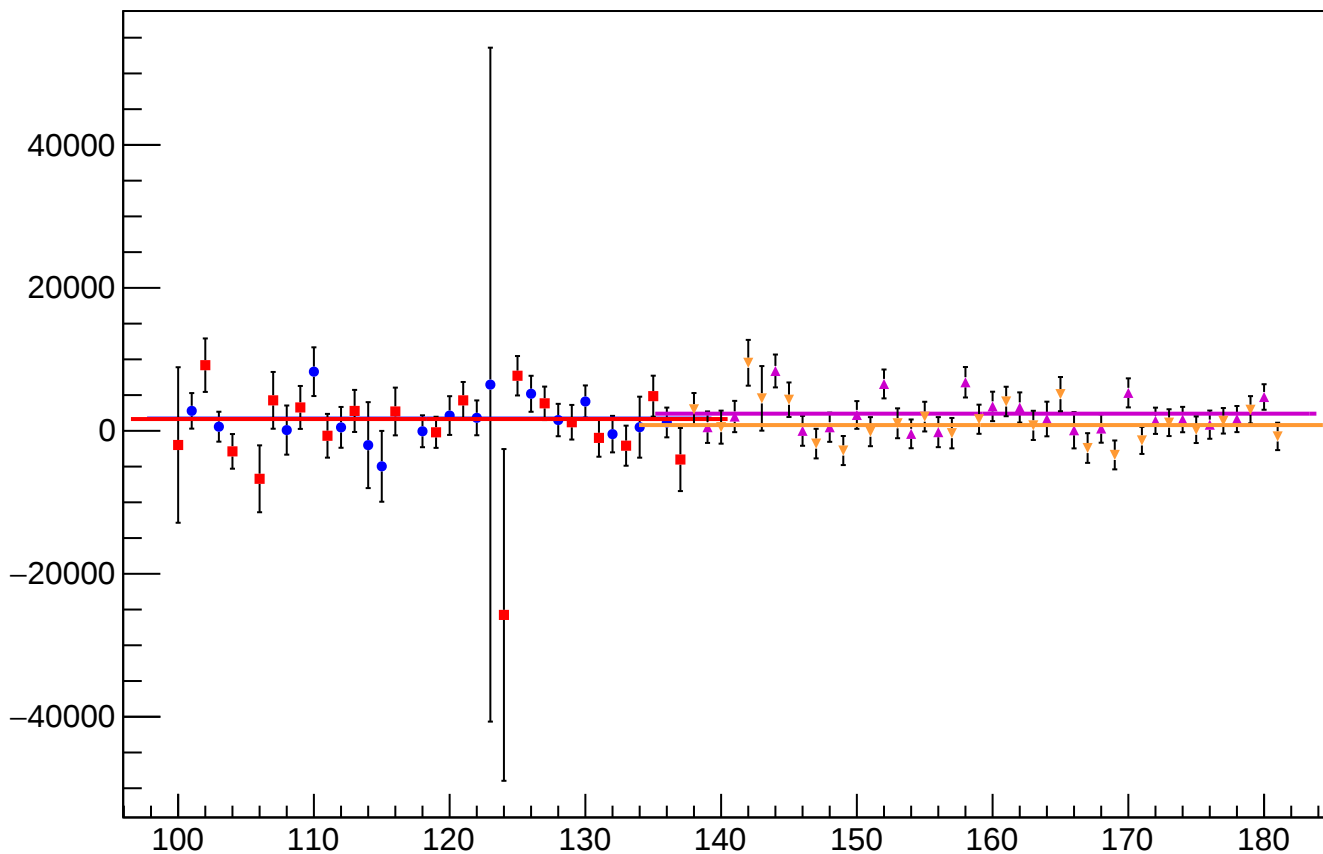
Right: 2398.946 $\pm$ 0.472 χ^2/NDF : 1140632.3/35

In: 2119.183 $\pm$ 0.314 χ^2/NDF : 916464.6/37

Out: 2125.140 $\pm$ 0.309 χ^2/NDF : 1596350.9/41

All: 2122.208 $\pm$ 0.221 χ^2/NDF : 2512997.9/79

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 807.062 $\pm$ 439.533 χ^2 /NDF:32.8/22

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

Left In: 2401.245 $\pm$ 445.494 χ^2 /NDF:29.1/20

Left: 1593.418 $\pm$ 312.883 χ^2 /NDF: 68.4/43

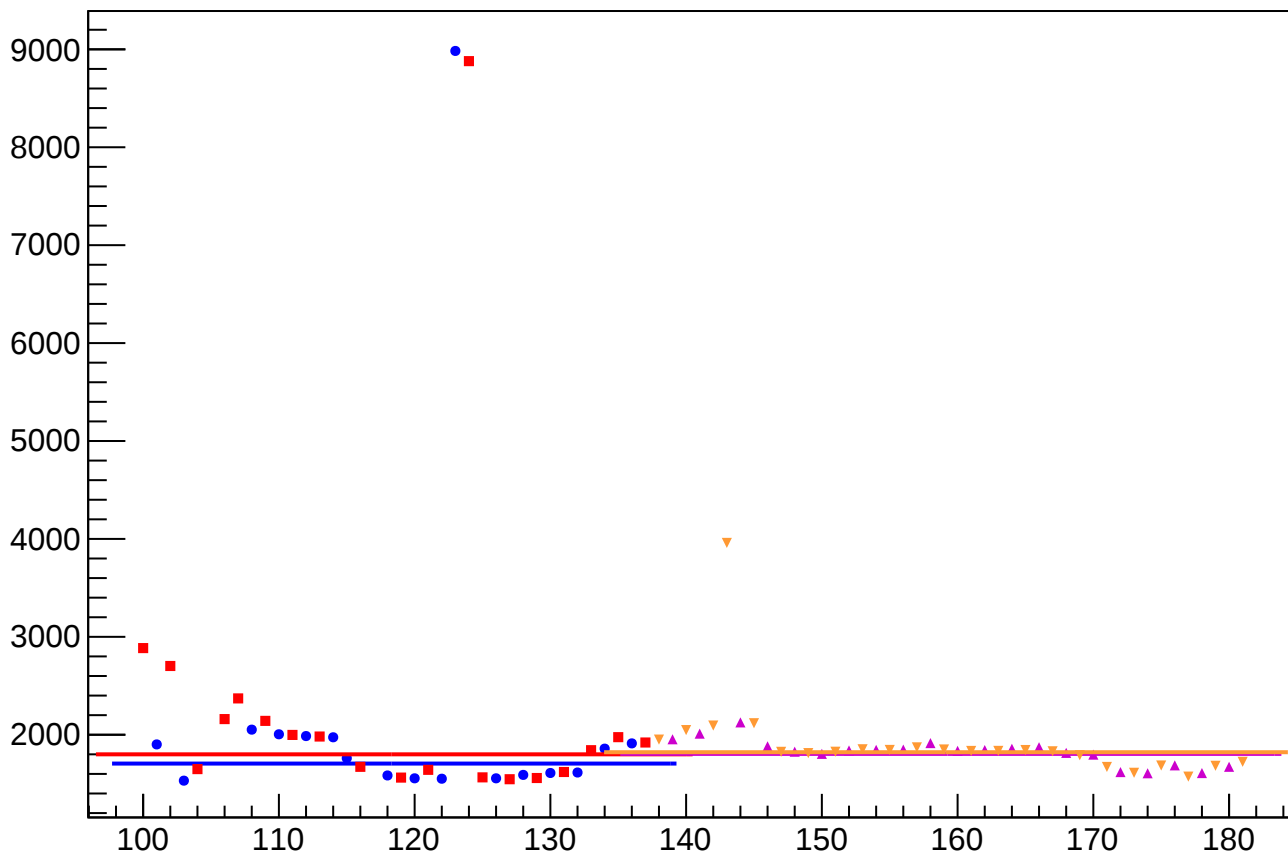
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2188.864 $\pm$ 370.487 χ^2 /NDF:41.2/37

Out: 1048.388 $\pm$ 371.370 χ^2 /NDF:60.8/41

All: 1619.983 $\pm$ 262.285 χ^2 /NDF: 106.8/79

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1821.615+/-0.311 χ^2/NDF : 623851.6/22

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

Left In: 1804.421+/-0.315 χ^2/NDF : 166589.7/20

Left: 1813.133+/-0.221 χ^2/NDF : 791951.0/43

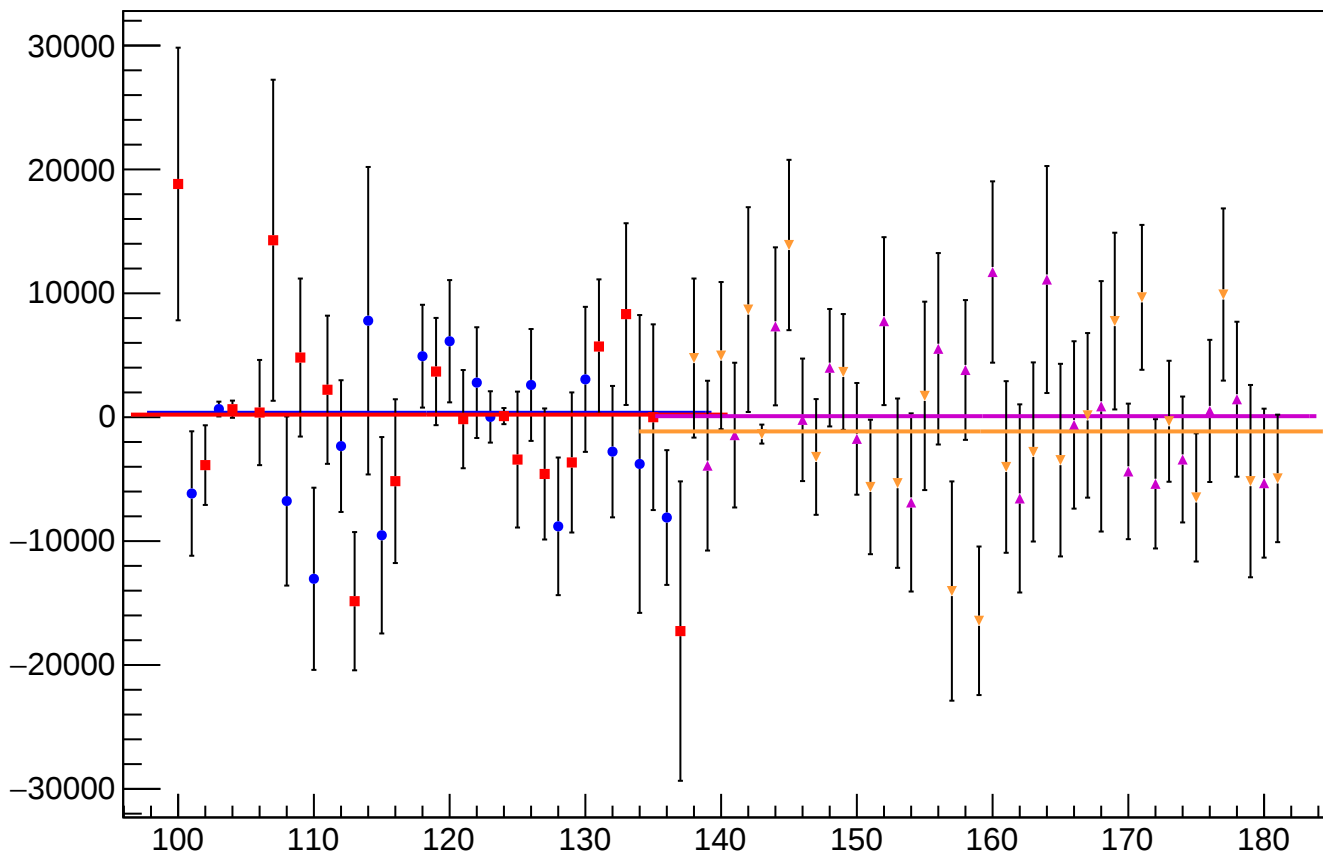
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1773.953+/-0.262 χ^2/NDF : 391098.0/37

Out: 1815.409+/-0.262 χ^2/NDF : 1164020.7/41

All: 1794.644+/-0.185 χ^2/NDF : 1567617.4/79

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1146.600+/-662.342 χ^2/NDF : 29.0/22

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

Left In: 84.301+/-1323.134 χ^2/NDF : 13.6/20

Left: -899.959+/-592.278 χ^2/NDF : 43.3/43

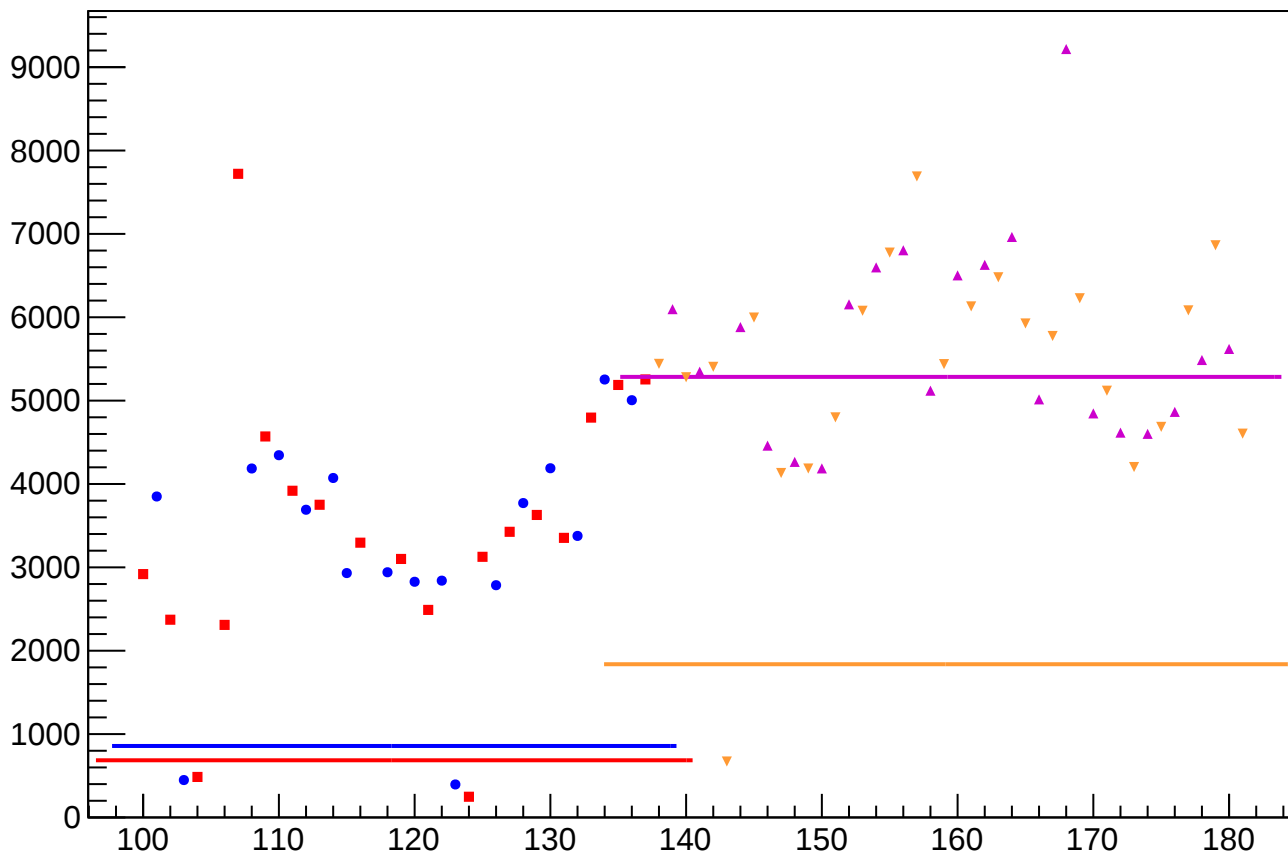
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 318.922+/-494.561 χ^2/NDF : 31.1/37

Out: -214.101+/-370.304 χ^2/NDF : 53.3/41

All: -22.621+/-296.420 χ^2/NDF : 85.1/79

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1838.034 $\pm$ 0.468 χ^2 /NDF:19310142.3/22

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

Left In: 5284.779 $\pm$ 0.936 χ^2 /NDF:1083435.7/20

Left: 2528.675 $\pm$ 0.419 χ^2 /NDF: 31246017.1/43

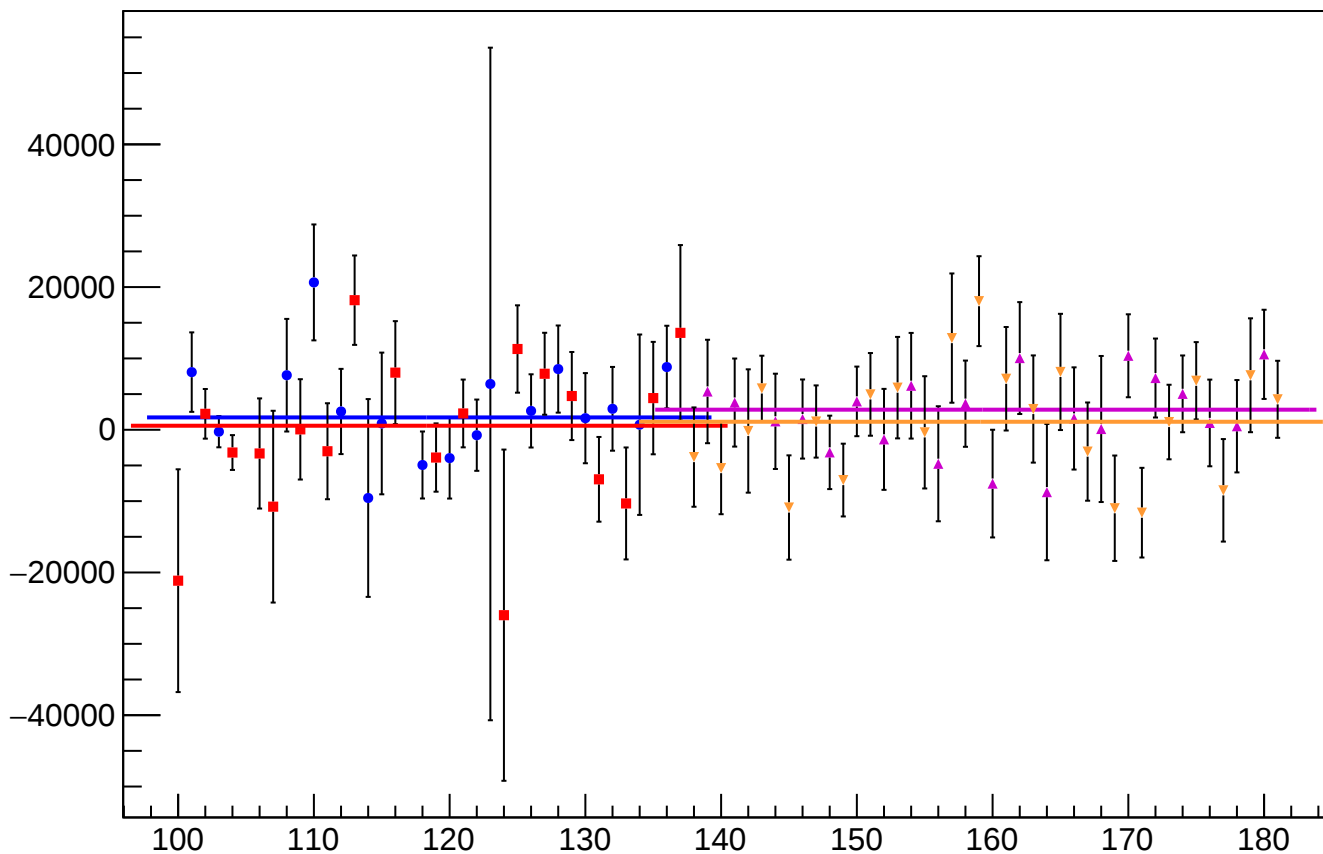
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1476.017 $\pm$ 0.350 χ^2 /NDF:28522676.1/37

Out: 1045.957 $\pm$ 0.262 χ^2 /NDF:32932021.5/41

All: 1200.449 $\pm$ 0.210 χ^2 /NDF: 62423750.2/77

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1124.193+/-1334.425 χ^2/NDF :30.2/22

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

Left In: 2816.682+/-1402.708 χ^2/NDF :11.7/20

Left: 1928.241+/-966.820 χ^2/NDF : 42.7/43

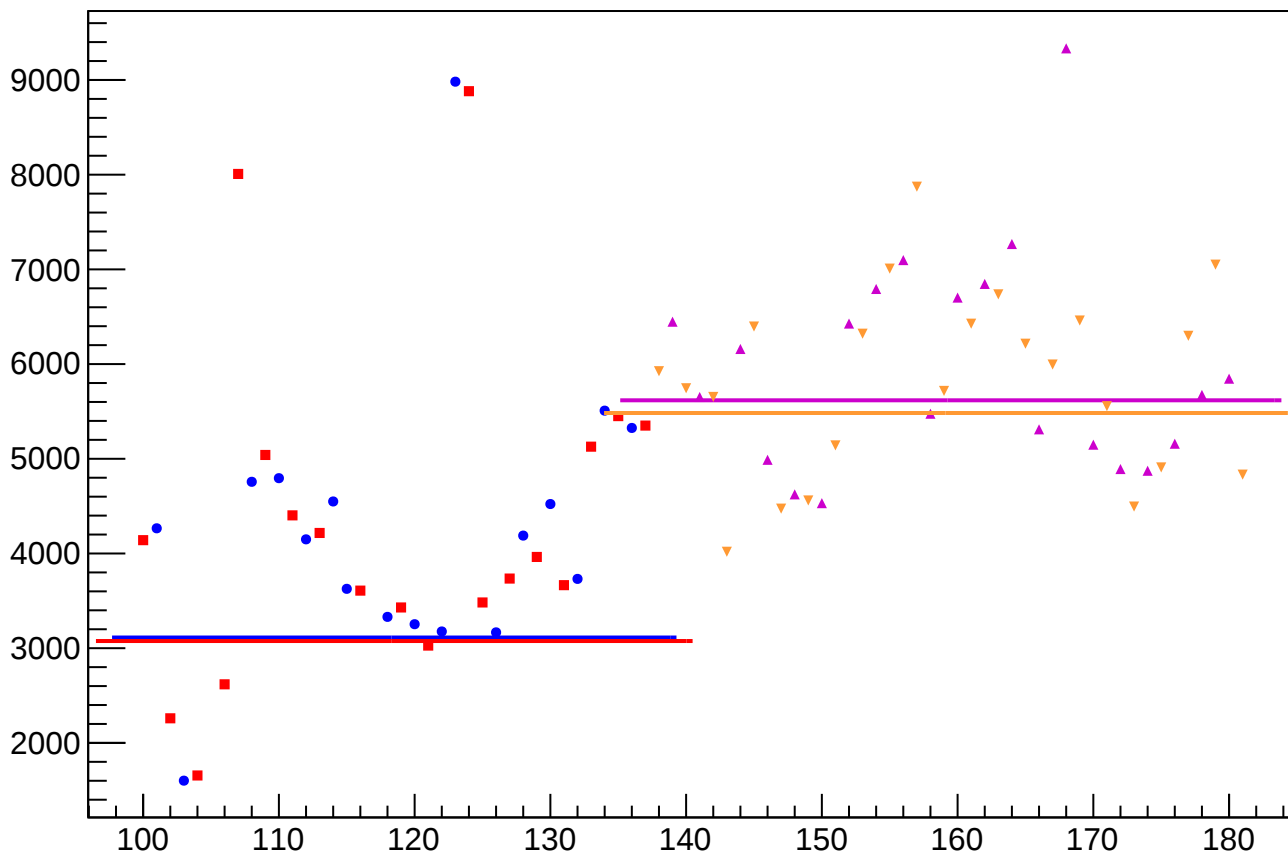
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2235.770+/-955.296 χ^2/NDF :26.9/37

Out: 835.413+/-926.101 χ^2/NDF :57.4/41

All: 1513.867+/-664.934 χ^2/NDF : 85.4/79

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5483.516+/-0.944 χ^2/NDF : 1022350.7/22

Right Out: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

Left In: 5617.519+/-0.992 χ^2/NDF : 901380.5/20

Left: 5547.177+/-0.684 χ^2/NDF : 1933312.5/43

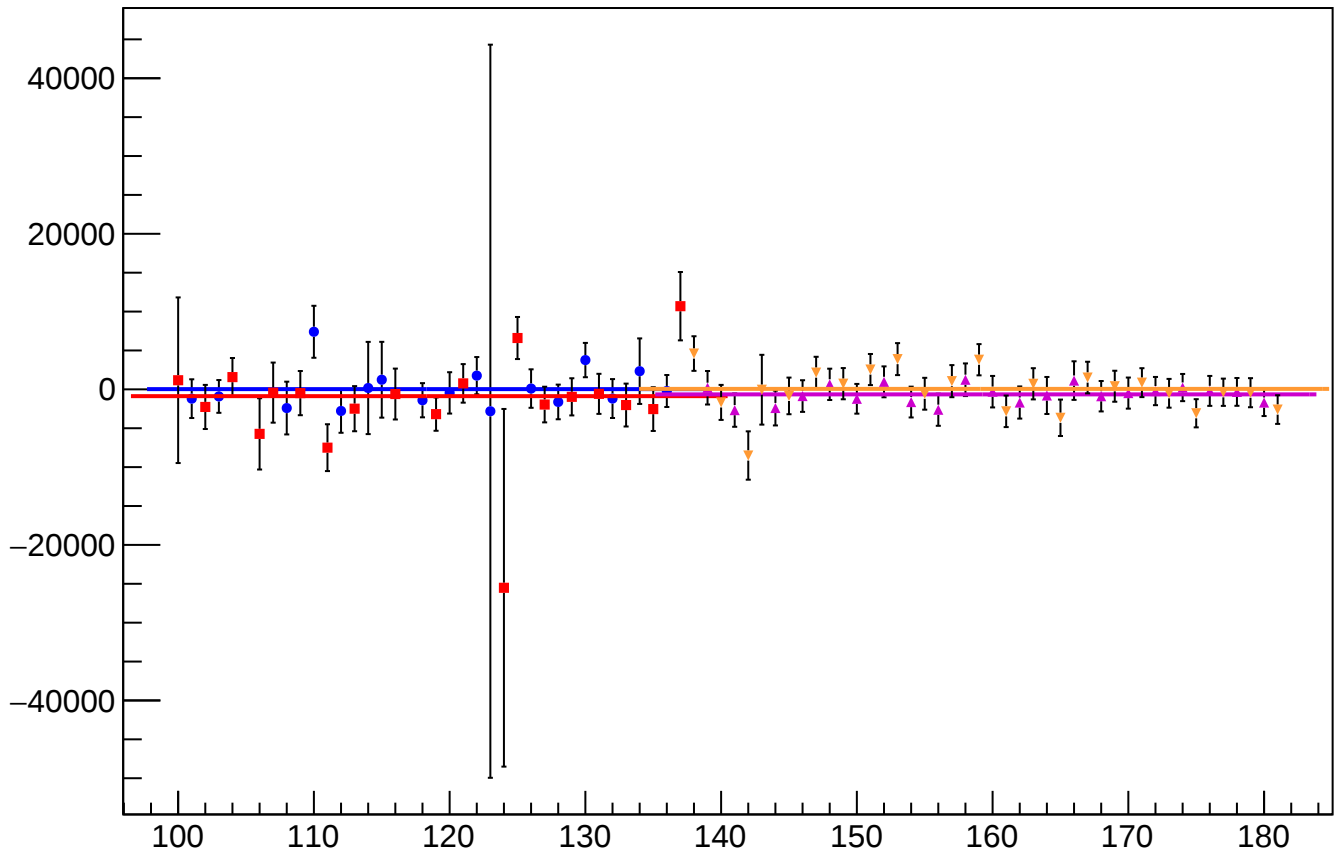
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 4274.450+/-0.675 χ^2/NDF : 6205467.9/37

Out: 4217.893+/-0.650 χ^2/NDF : 6456052.1/41

All: 4245.079+/-0.468 χ^2/NDF : 12665160.6/71

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 59.586 ± 430.715 χ^2/NDF : 33.2/22

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

Left In: -647.135 ± 436.972 χ^2/NDF : 6.4/20

Left: -288.679 ± 306.750 χ^2/NDF : 40.9/43

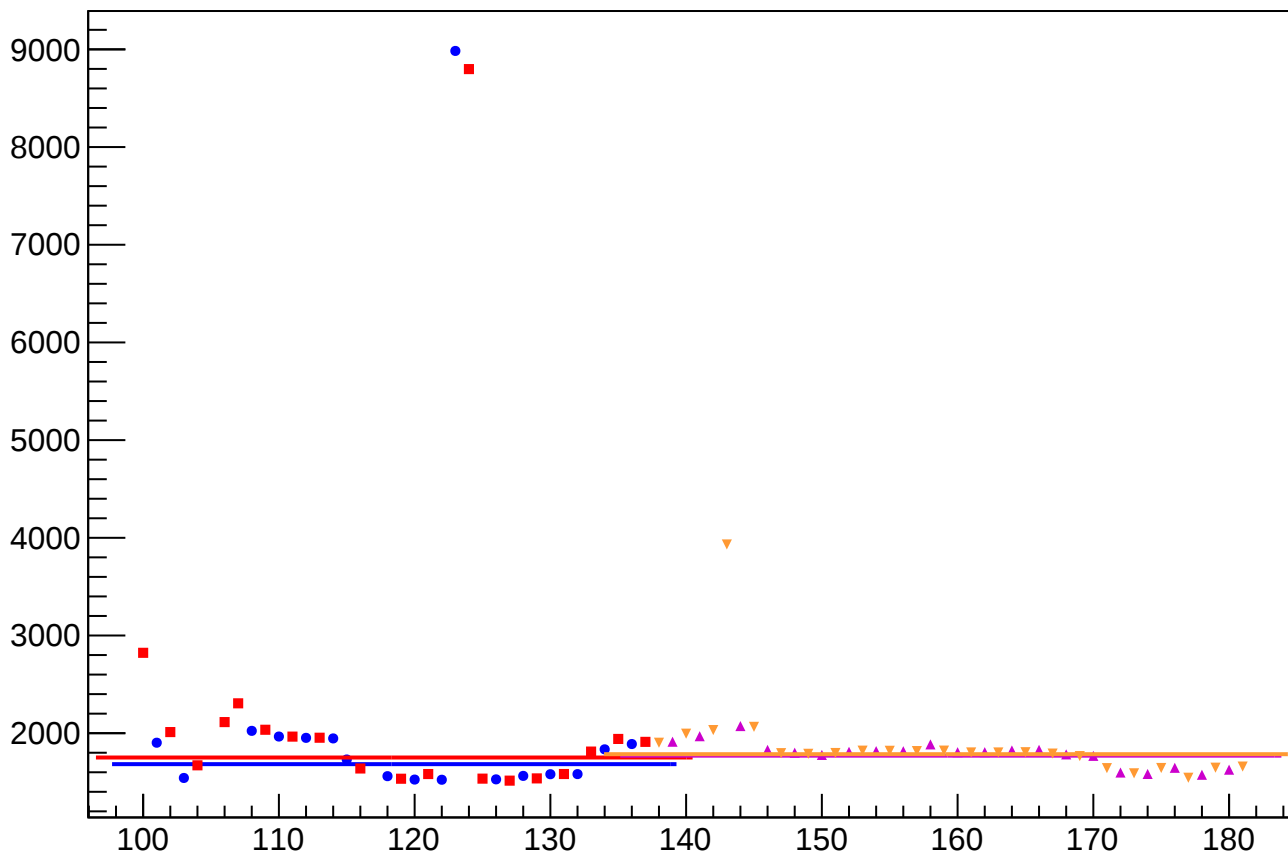
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -440.351 ± 364.083 χ^2/NDF : 18.9/37

Out: -211.671 ± 362.823 χ^2/NDF : 60.2/41

All: -325.615 ± 256.999 χ^2/NDF : 79.3/79

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 $\pm$ 0.466 χ^2/NDF : 195857.2/16

Left Out: 1785.075 $\pm$ 0.305 χ^2/NDF : 629326.7/22

Right Out: 1751.086 $\pm$ 0.475 χ^2/NDF : 427069.6/18

Left In: 1770.097 $\pm$ 0.309 χ^2/NDF : 164061.7/20

Left: 1777.694 $\pm$ 0.217 χ^2/NDF : 794580.4/43

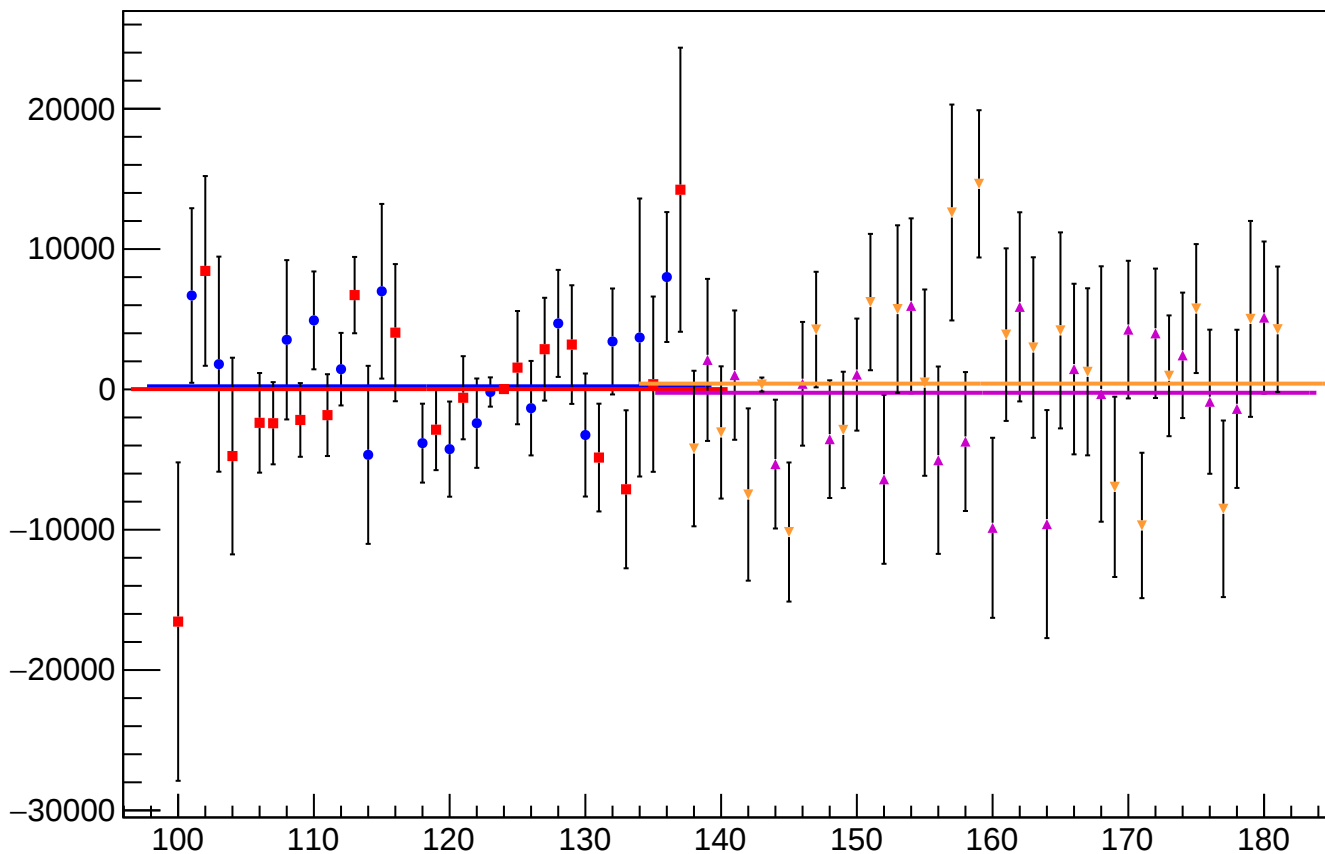
Right: 1716.421 $\pm$ 0.332 χ^2/NDF : 633367.1/35

In: 1743.502 $\pm$ 0.257 χ^2/NDF : 384146.1/37

Out: 1775.174 $\pm$ 0.256 χ^2/NDF : 1060024.6/41

All: 1759.403 $\pm$ 0.182 χ^2/NDF : 1451769.3/79

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 411.444 $\pm$ 457.493 χ^2 /NDF:31.6/22

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

Left In: -240.332 $\pm$ 1151.013 χ^2 /NDF:12.8/20

Left: 322.523 $\pm$ 425.142 χ^2 /NDF: 44.7/43

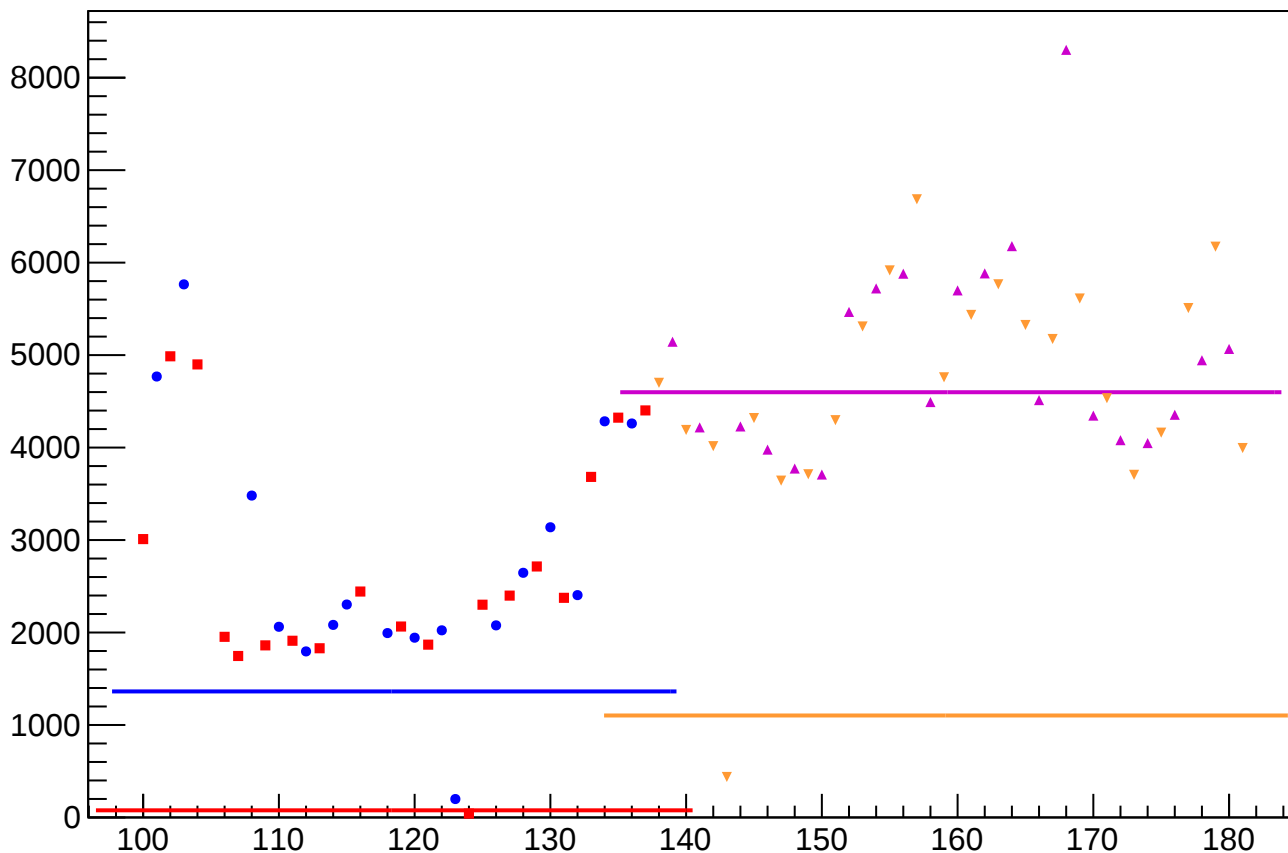
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 90.160 $\pm$ 610.969 χ^2 /NDF:28.8/37

Out: 43.186 $\pm$ 110.736 χ^2 /NDF:52.9/41

All: 44.680 $\pm$ 108.961 χ^2 /NDF: 81.7/79

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1102.741 $\pm$ 0.323 χ^2 /NDF: 23088837.2/22

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

Left In: 4598.593 $\pm$ 0.814 χ^2 /NDF: 1068523.5/20

Left: 1579.678 $\pm$ 0.301 χ^2 /NDF: 40089488.6/43

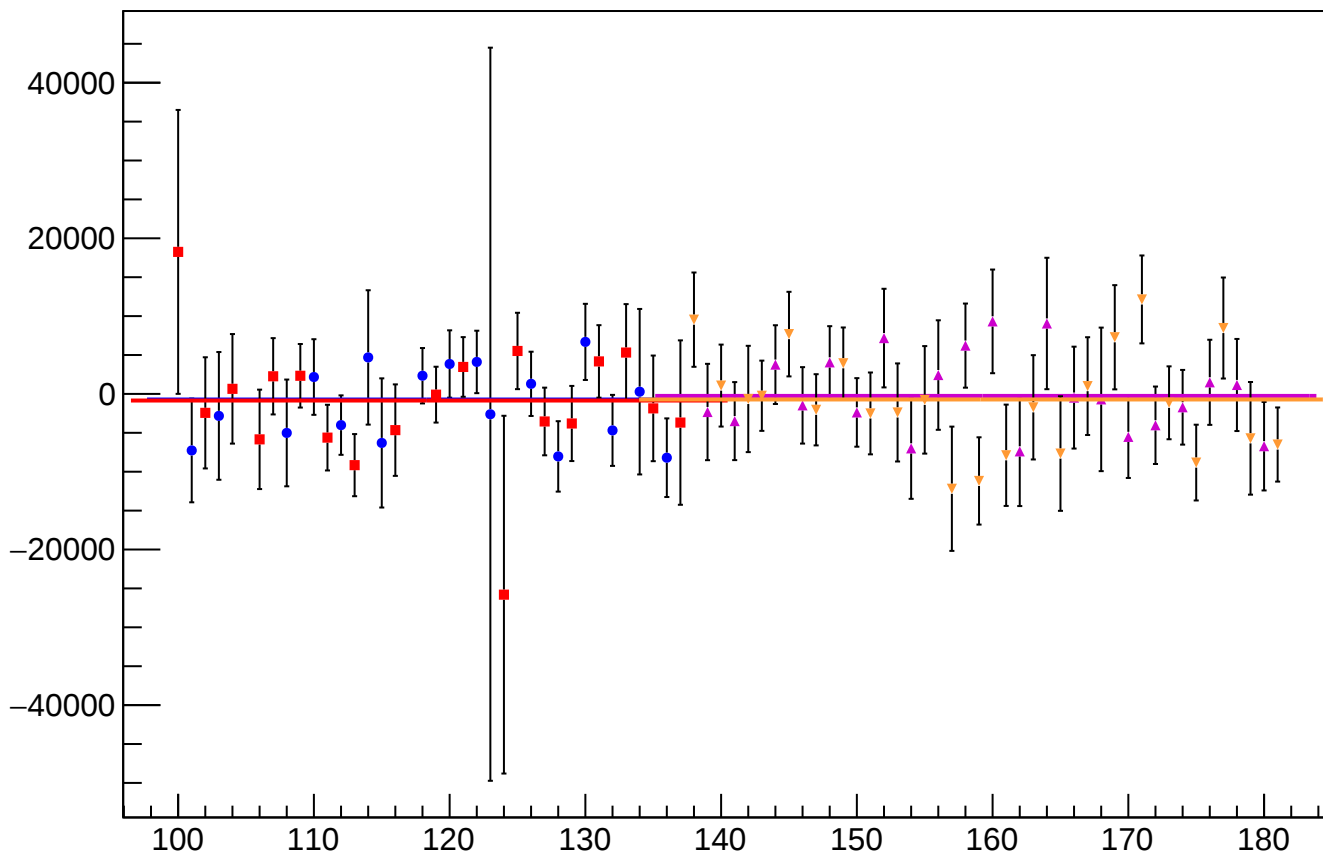
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2274.545 $\pm$ 0.432 χ^2 /NDF: 18656832.2/37

Out: 137.217 $\pm$ 0.078 χ^2 /NDF: 45799405.6/41

All: 205.196 $\pm$ 0.077 χ^2 /NDF: 88153408.6/79

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -715.083+/-1186.604 χ^2/NDF : 27.8/22

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

Left In: -257.318+/-1238.981 χ^2/NDF : 13.8/20

Left: -496.081+/-856.974 χ^2/NDF : 41.6/43

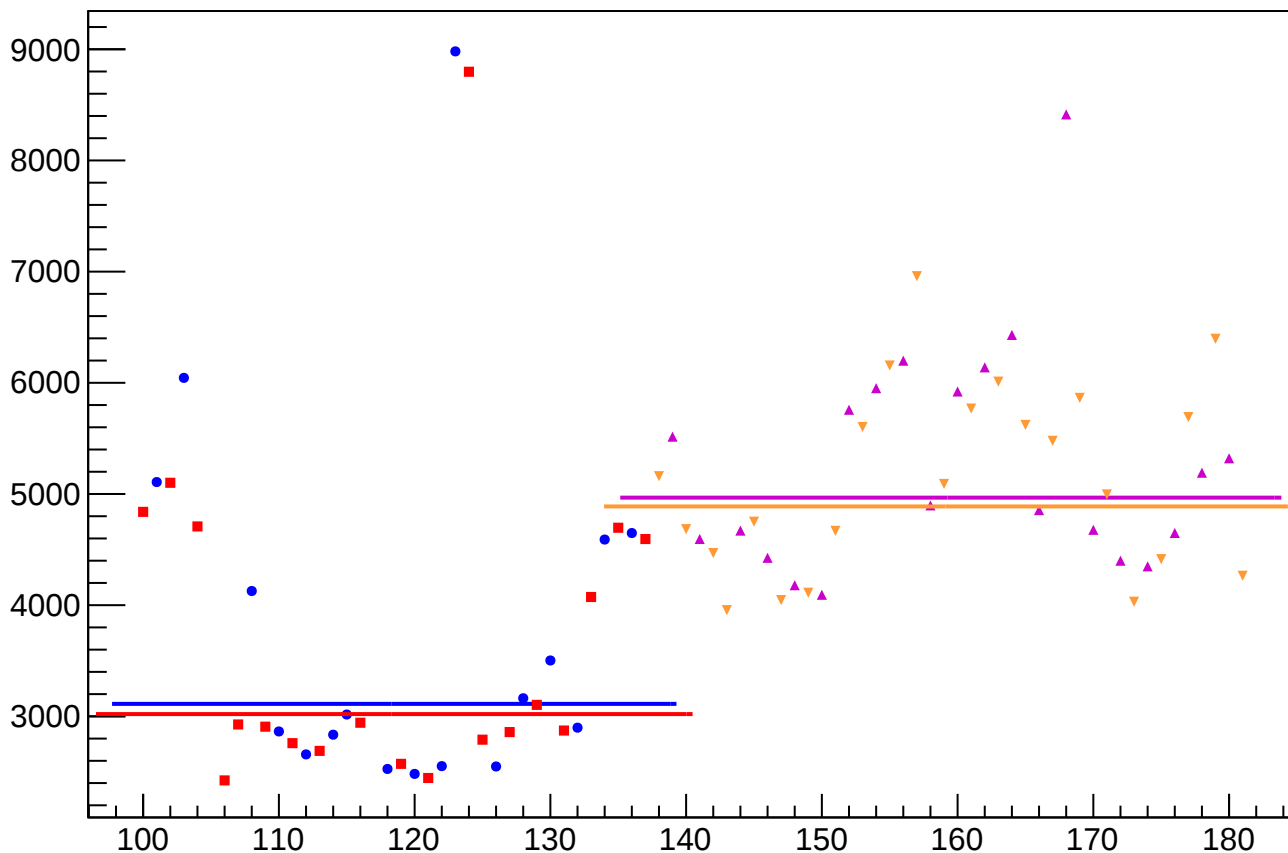
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -486.879+/-880.839 χ^2/NDF : 28.6/37

Out: -782.163+/-840.924 χ^2/NDF : 43.8/41

All: -641.363+/-608.245 χ^2/NDF : 72.4/79

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4887.899 $\pm$ 0.839 χ^2/NDF : 870422.0/22

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

Left In: 4967.153 $\pm$ 0.876 χ^2/NDF : 851571.7/20

Left: 4925.815 $\pm$ 0.606 χ^2/NDF : 1726262.0/43

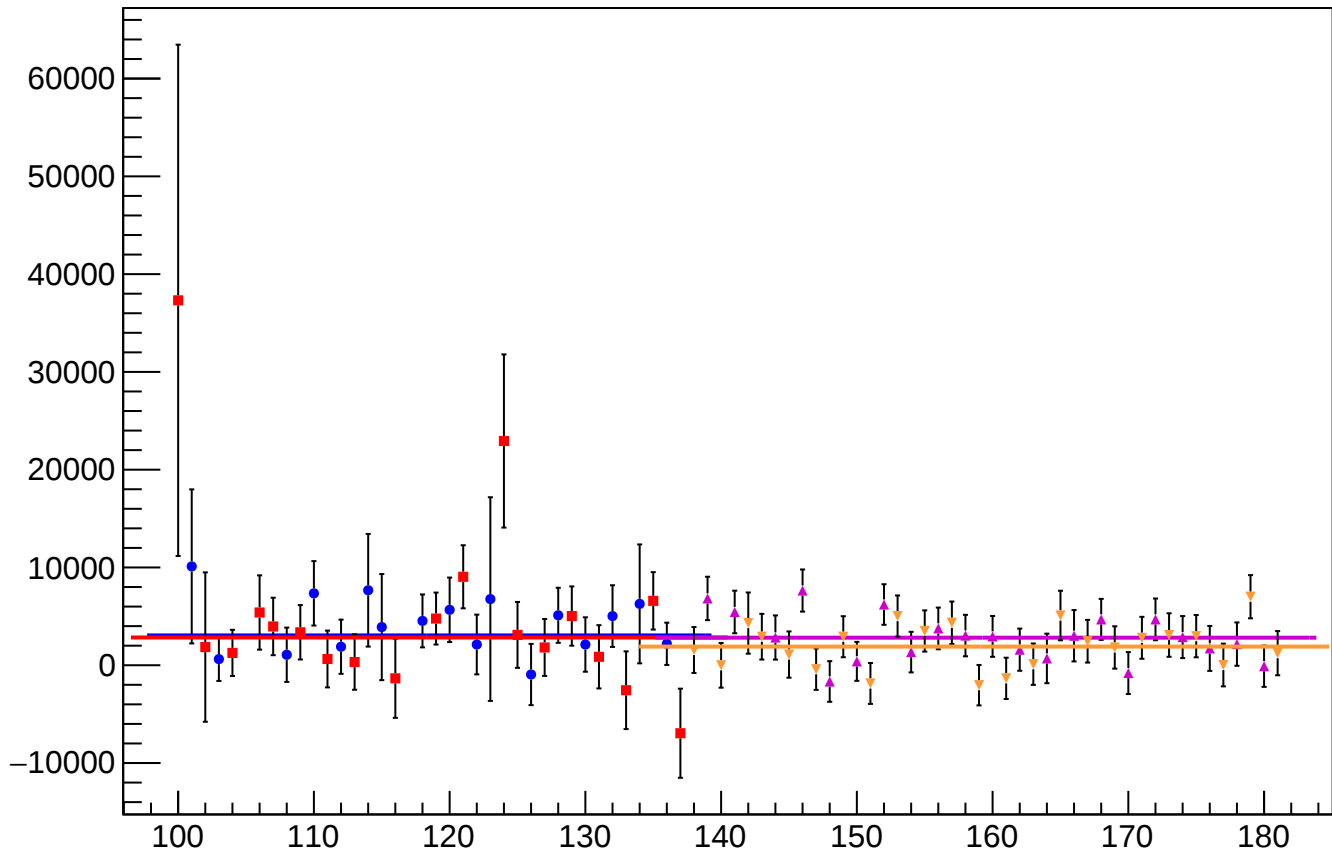
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 4049.767 $\pm$ 0.623 χ^2/NDF : 4027133.2/37

Out: 3946.578 $\pm$ 0.591 χ^2/NDF : 4161680.8/41

All: 3995.458 $\pm$ 0.429 χ^2/NDF : 8203259.8/79

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1908.541+/-462.120 χ^2/NDF : 25.6/22

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

Left In: 2818.890+/-473.675 χ^2/NDF : 26.9/20

Left: 2352.476+/-330.778 χ^2/NDF : 54.3/43

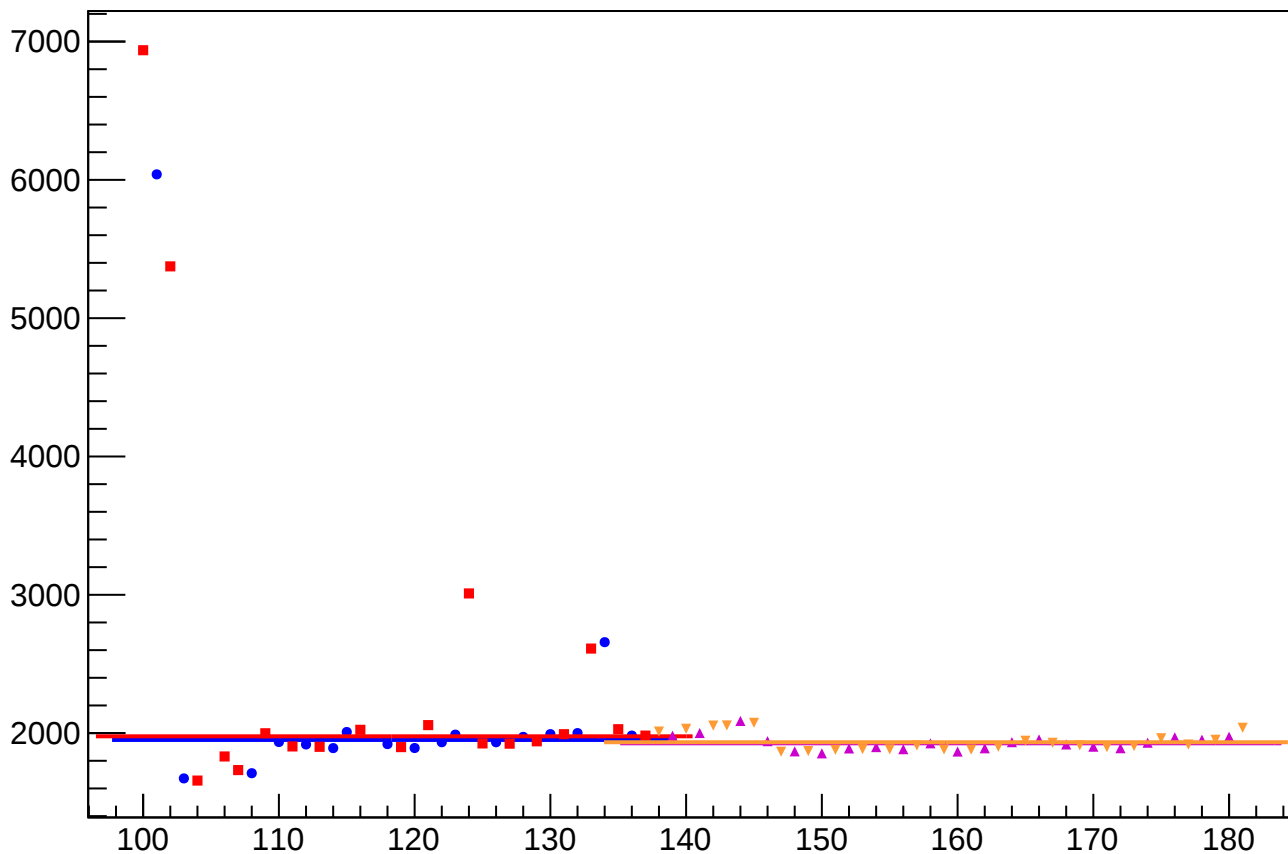
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 2881.811+/-403.782 χ^2/NDF : 36.3/37

Out: 2156.806+/-395.673 χ^2/NDF : 50.4/41

All: 2511.955+/-282.606 χ^2/NDF : 88.3/79

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.080 $\pm$ 0.327 χ^2 /NDF: 38095.6/22

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

Left In: 1926.396 $\pm$ 0.335 χ^2 /NDF: 25222.0/20

Left: 1930.333 $\pm$ 0.234 χ^2 /NDF: 63587.3/43

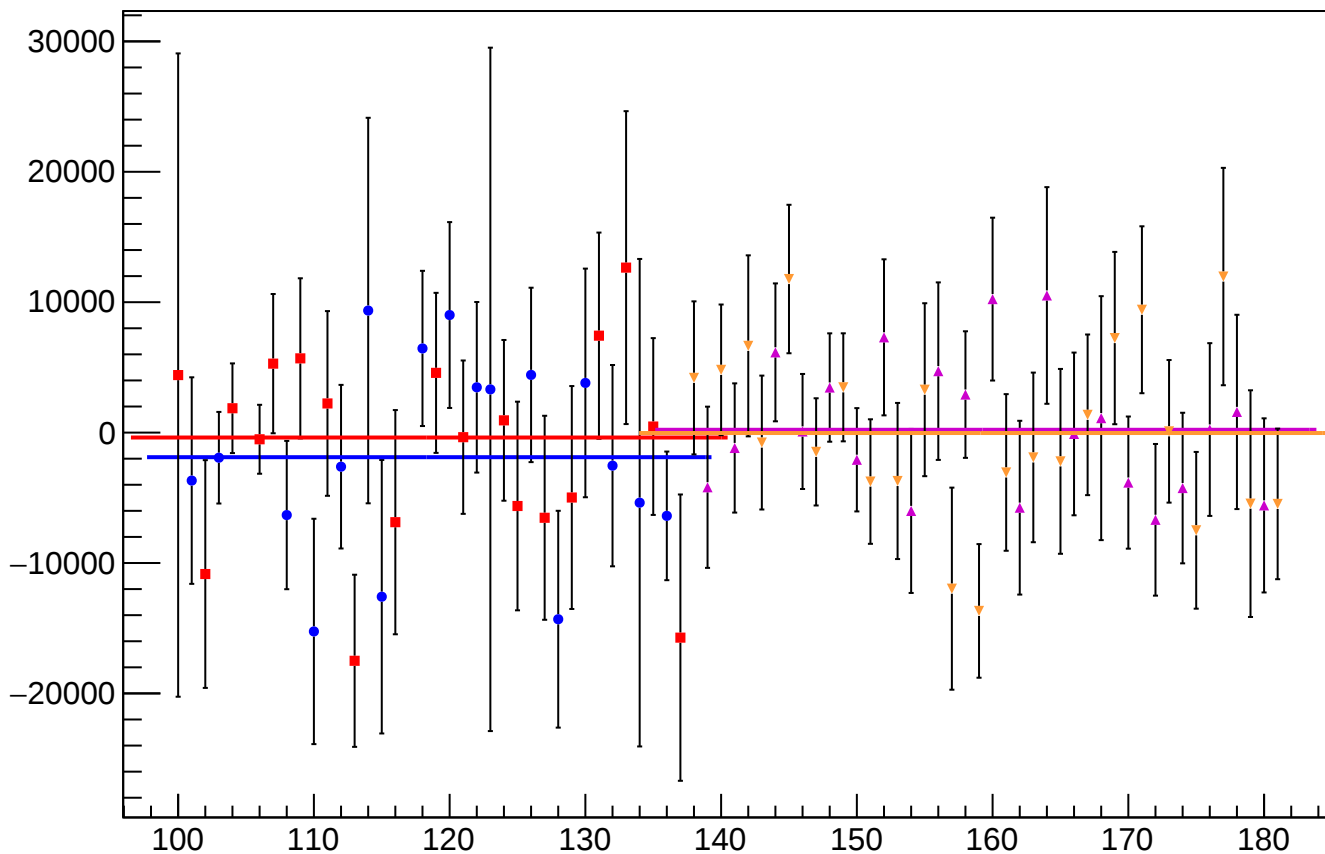
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1933.037 $\pm$ 0.286 χ^2 /NDF: 641825.5/37

Out: 1945.540 $\pm$ 0.280 χ^2 /NDF: 650406.4/41

All: 1939.416 $\pm$ 0.200 χ^2 /NDF: 1293210.3/79

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -32.162+/-1204.829 χ^2/NDF : 27.0/22

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

Left In: 215.707+/-1236.036 χ^2/NDF : 14.3/20

Left: 88.604+/-862.764 χ^2/NDF : 41.3/43

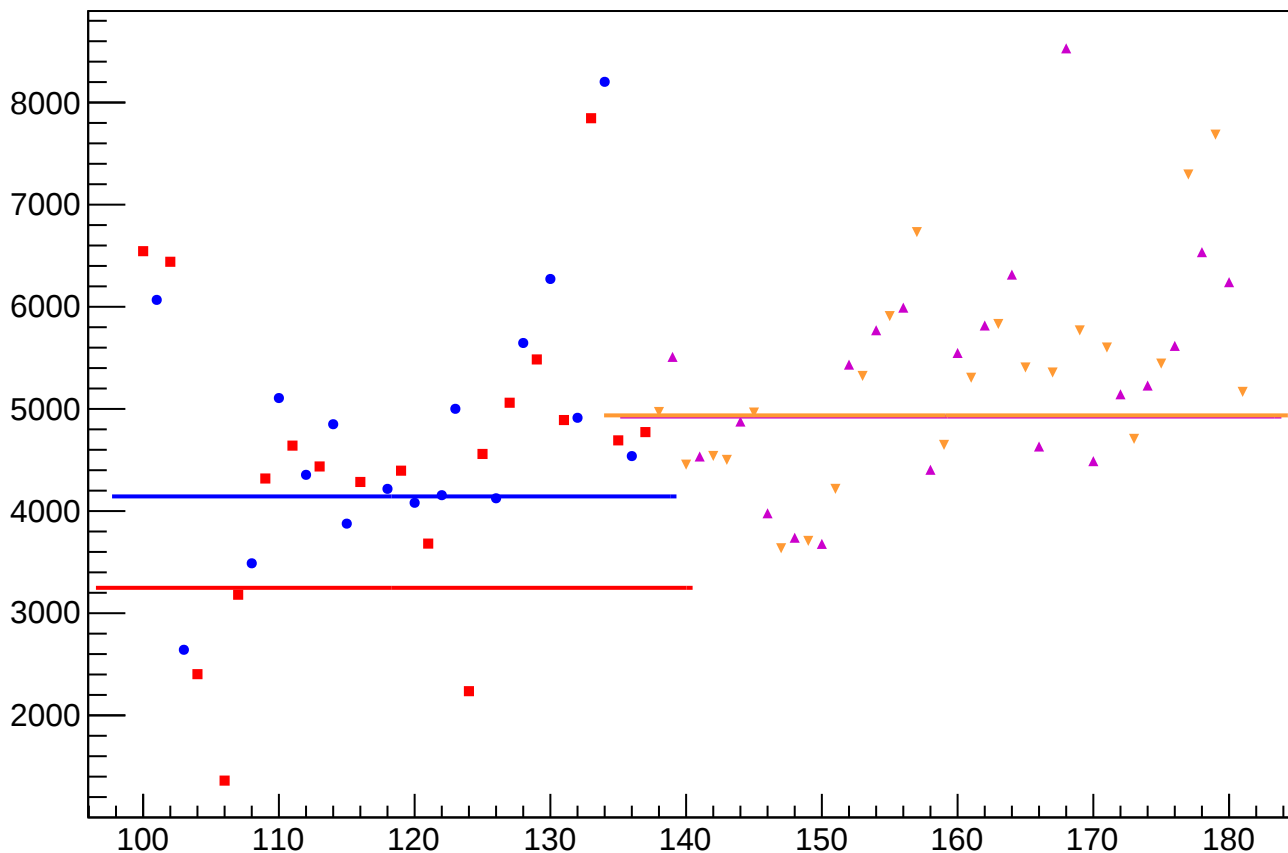
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -534.843+/-990.961 χ^2/NDF : 29.4/37

Out: -183.782+/-901.724 χ^2/NDF : 44.7/41

All: -342.797+/-666.937 χ^2/NDF : 74.2/79

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4936.902+/-0.852 χ^2/NDF : 1123971.2/22

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

Left In: 4925.362+/-0.874 χ^2/NDF : 1235617.4/20

Left: 4931.280+/-0.610 χ^2/NDF : 2359678.1/43

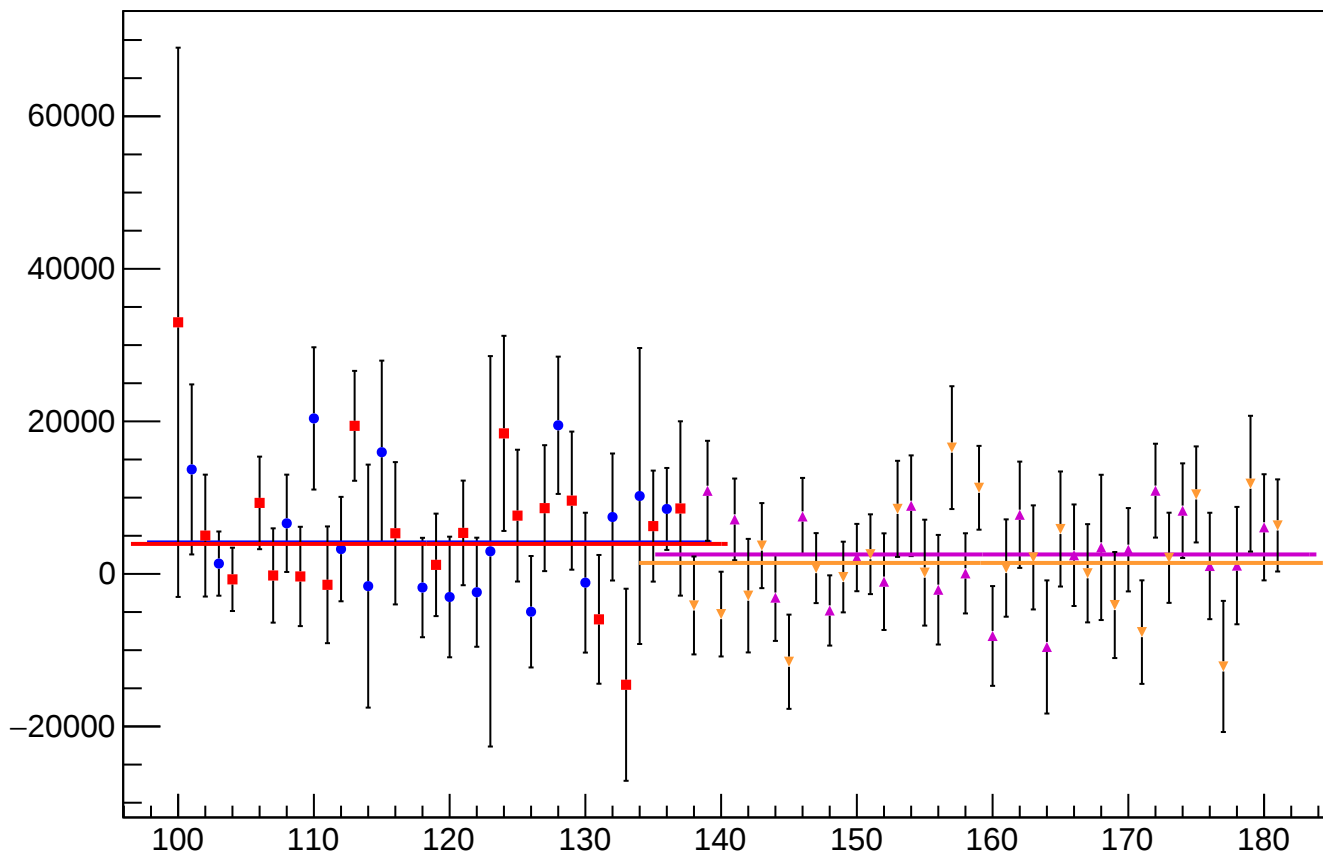
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4646.045+/-0.701 χ^2/NDF : 2377486.1/37

Out: 4194.300+/-0.638 χ^2/NDF : 5469082.9/41

All: 4398.920+/-0.472 χ^2/NDF : 8073935.3/79

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1439.562 $\pm$ 1295.622 χ^2/NDF : 24.8/22

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

Left In: 2551.645 $\pm$ 1330.470 χ^2/NDF : 17.0/20

Left: 1980.849 $\pm$ 928.218 χ^2/NDF : 42.1/43

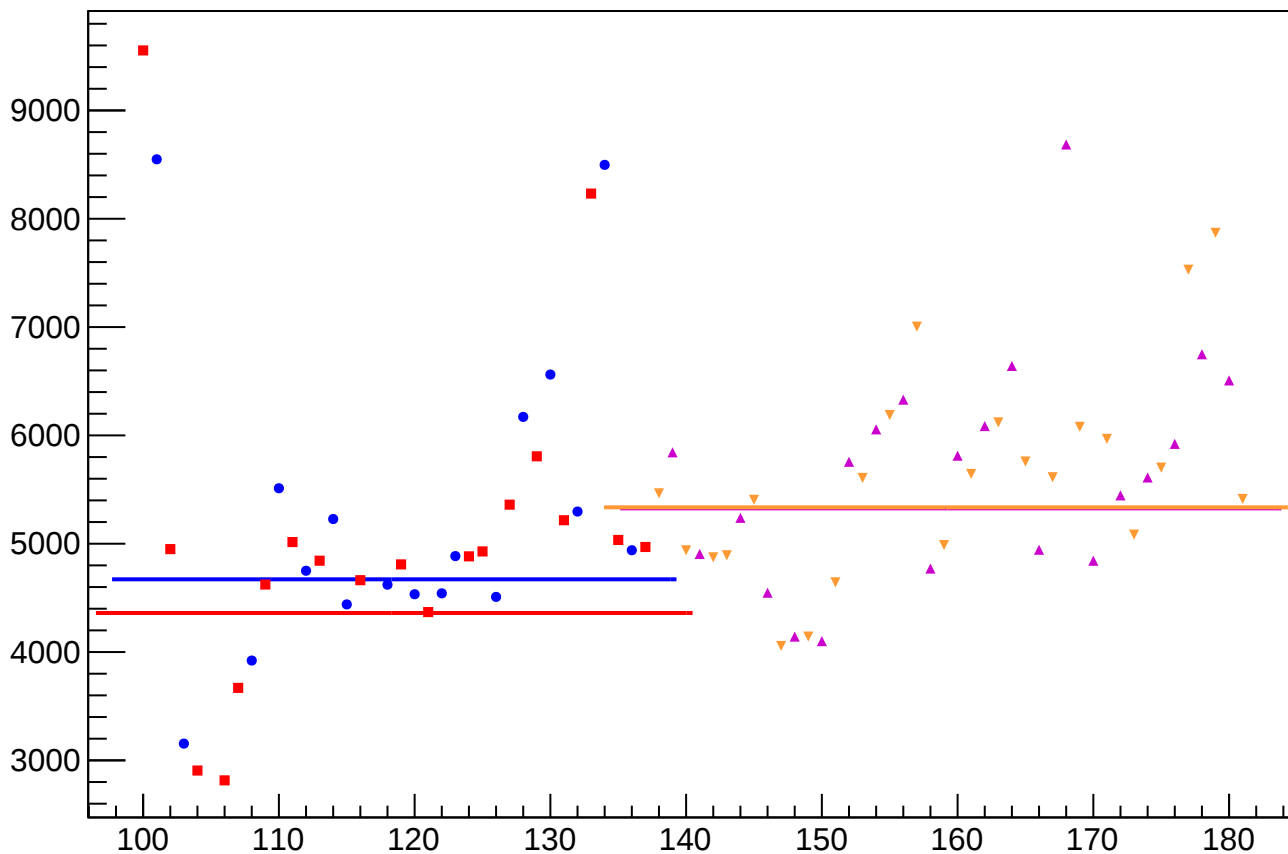
Right: 4022.593 $\pm$ 1265.954 χ^2/NDF : 28.6/35

In: 3083.582 $\pm$ 1082.727 χ^2/NDF : 31.1/37

Out: 2338.655 $\pm$ 1036.066 χ^2/NDF : 41.0/41

All: 2694.721 $\pm$ 748.562 χ^2/NDF : 72.4/79

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5336.010 $\pm$ 0.916 χ^2/NDF : 866981.8/22

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

Left In: 5326.205 $\pm$ 0.941 χ^2/NDF : 951061.2/20

Left: 5331.238 $\pm$ 0.656 χ^2/NDF : 1818098.8/43

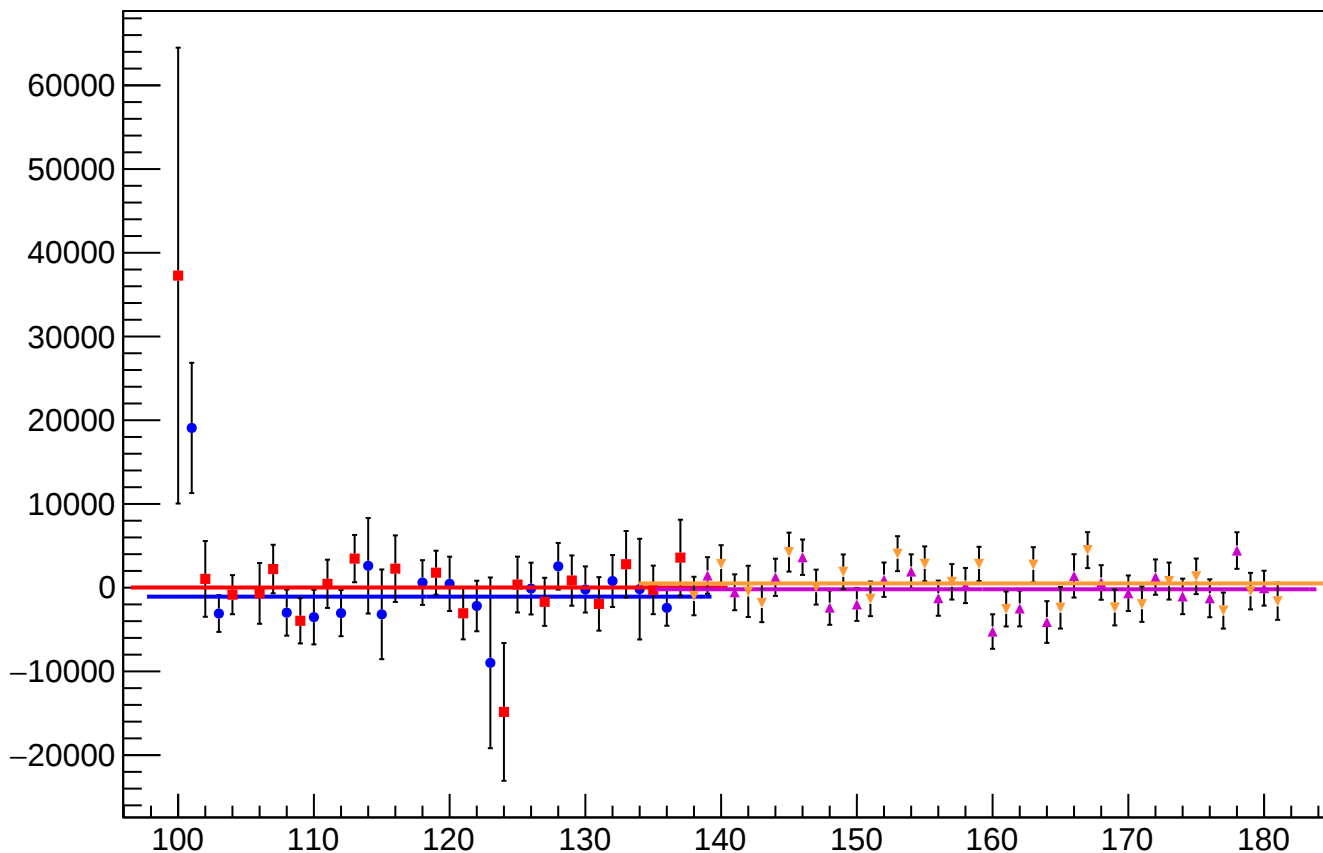
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 5105.023 $\pm$ 0.766 χ^2/NDF : 1900830.1/37

Out: 4981.708 $\pm$ 0.731 χ^2/NDF : 2112885.0/41

All: 5040.522 $\pm$ 0.529 χ^2/NDF : 4027284.9/79

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 510.789 ± 455.727 χ^2/NDF : 26.7/22

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

Left In: -190.677 ± 467.438 χ^2/NDF : 23.5/20

Left: 168.954 ± 326.309 χ^2/NDF : 51.4/43

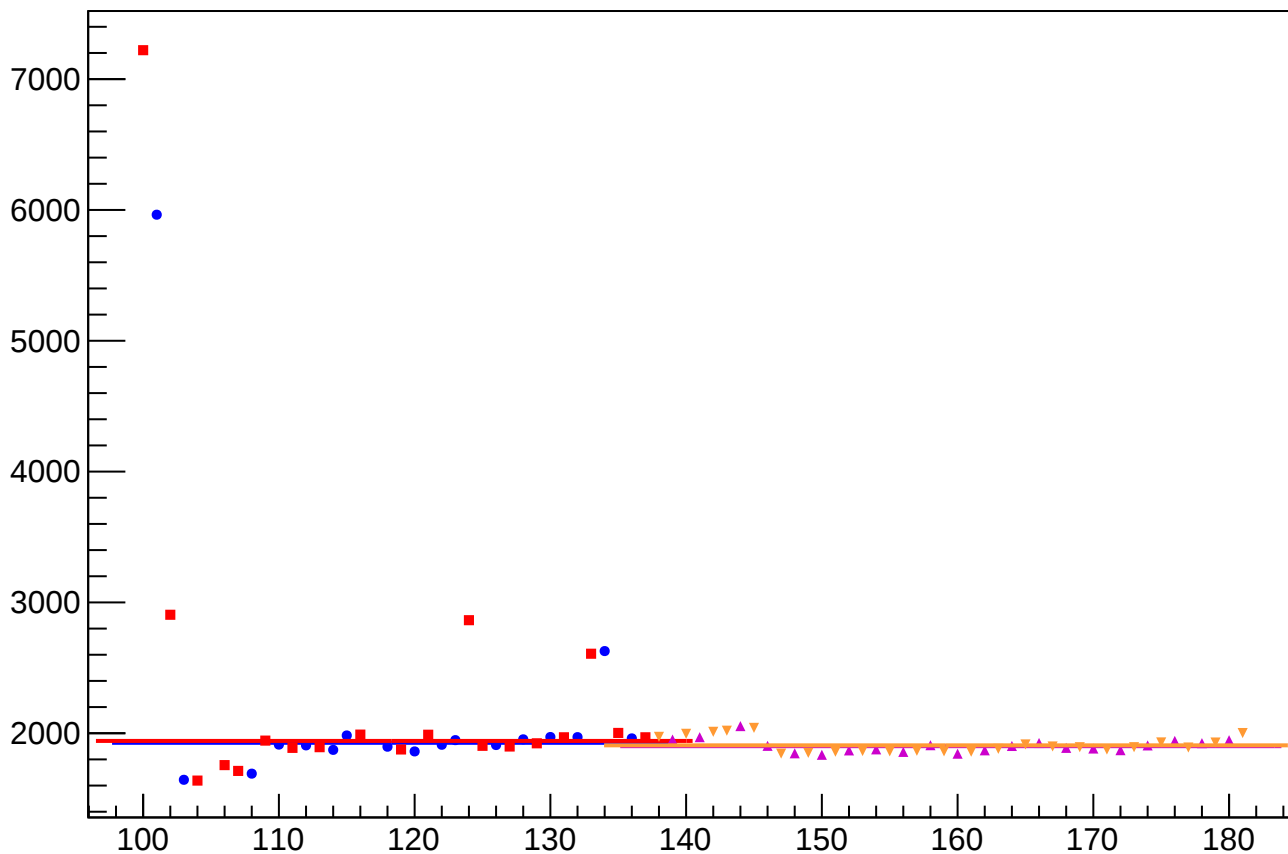
Right: -515.074 ± 534.061 χ^2/NDF : 28.0/35

In: -430.996 ± 398.582 χ^2/NDF : 38.2/37

Out: 377.667 ± 389.157 χ^2/NDF : 40.3/41

All: -16.989 ± 278.448 χ^2/NDF : 80.6/79

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.542 $\pm$ 0.322 χ^2 /NDF: 32613.5/22

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

Left In: 1901.146 $\pm$ 0.331 χ^2 /NDF: 22595.0/20

Left: 1904.425 $\pm$ 0.231 χ^2 /NDF: 55400.4/43

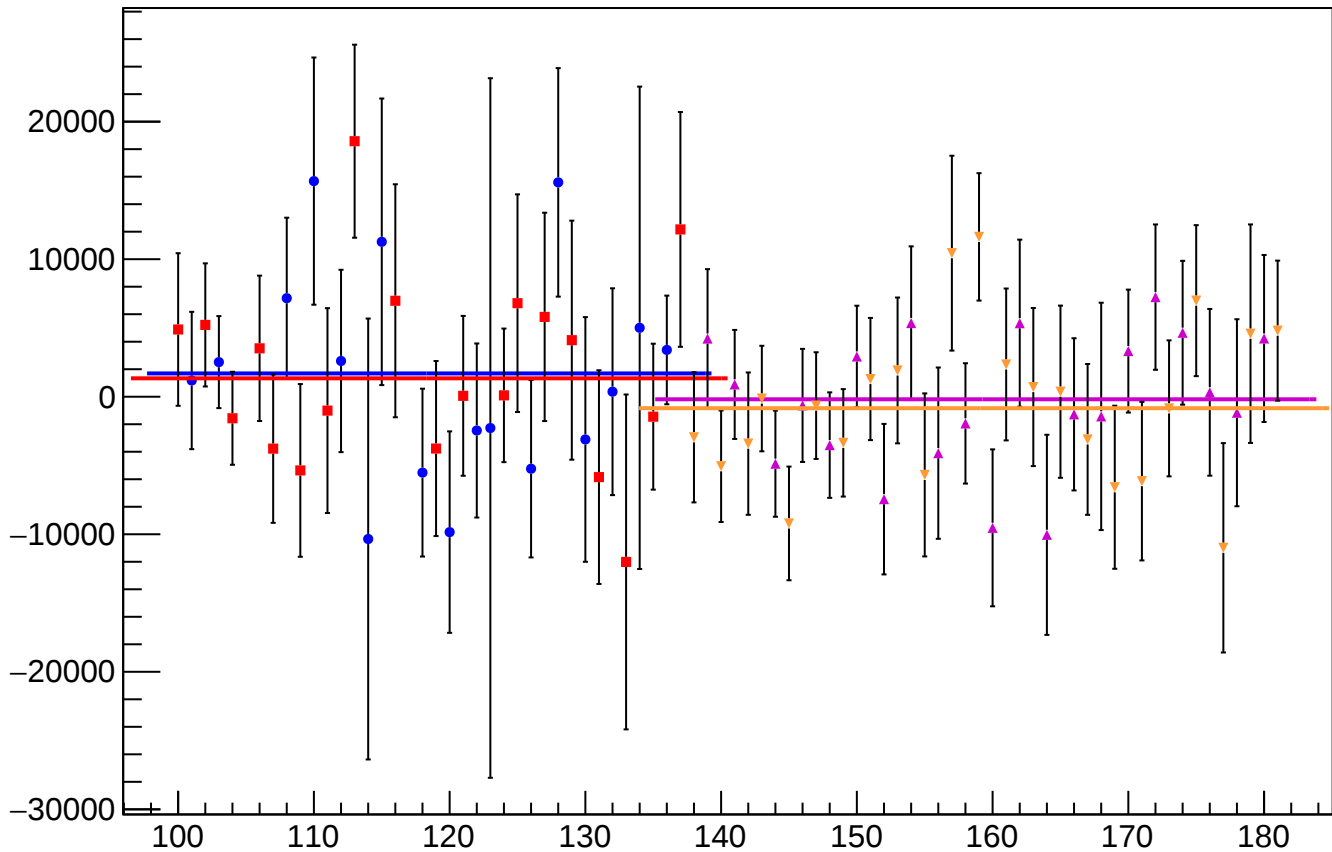
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1908.172 $\pm$ 0.282 χ^2 /NDF: 641366.9/37

Out: 1916.683 $\pm$ 0.275 χ^2 /NDF: 339949.2/41

All: 1912.530 $\pm$ 0.197 χ^2 /NDF: 981783.1/79

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -835.055 $\pm$ 1048.977 χ^2/NDF : 24.9/22

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

Left In: -186.041 $\pm$ 1093.299 χ^2/NDF : 16.5/20

Left: -523.970 $\pm$ 756.923 χ^2/NDF : 41.6/43

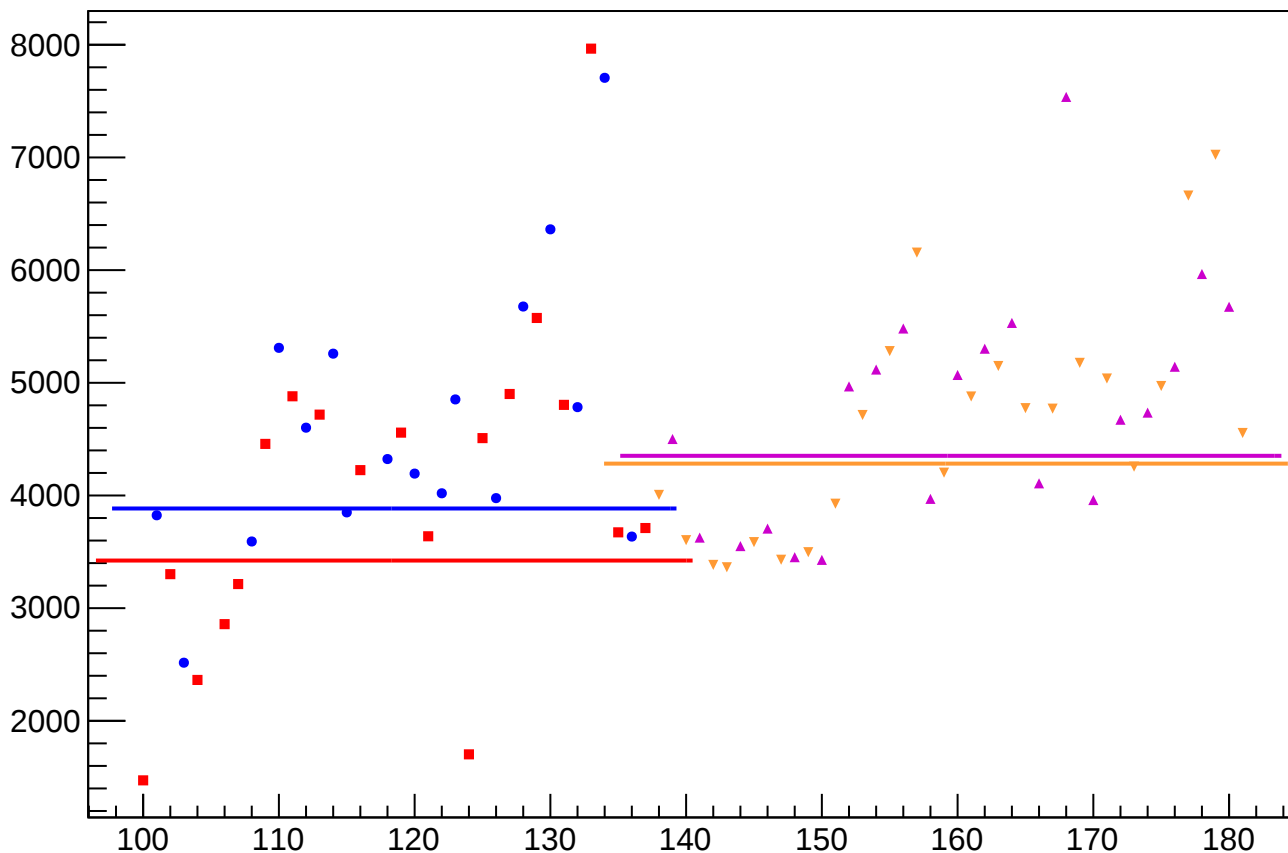
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 437.512 $\pm$ 893.784 χ^2/NDF : 31.1/37

Out: -31.124 $\pm$ 832.649 χ^2/NDF : 42.8/41

All: 186.620 $\pm$ 609.239 χ^2/NDF : 74.1/79

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4282.795+/-0.742 χ^2/NDF : 1343749.7/22

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 4352.068+/-0.773 χ^2/NDF : 1292823.2/20

Left: 4315.999+/-0.535 χ^2/NDF : 2640753.6/43

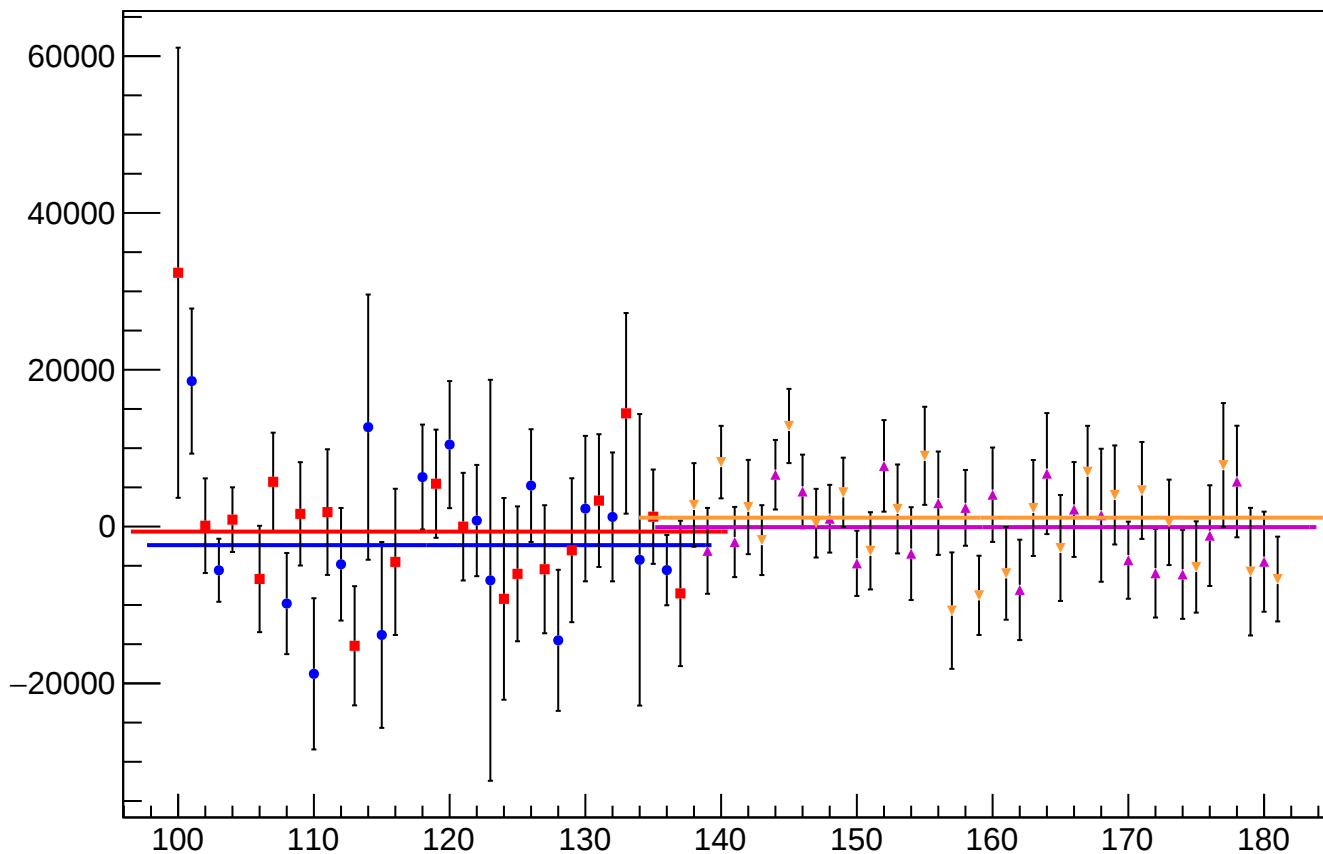
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 4197.021+/-0.632 χ^2/NDF : 2240660.4/37

Out: 3964.598+/-0.589 χ^2/NDF : 3431528.7/41

All: 4072.589+/-0.431 χ^2/NDF : 5744595.2/79

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1134.306 $\pm$ 1155.448 χ^2 /NDF: 26.4/22

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

Left In: -69.380 $\pm$ 1198.120 χ^2 /NDF: 14.7/20

Left: 554.279 $\pm$ 831.702 χ^2 /NDF: 41.6/43

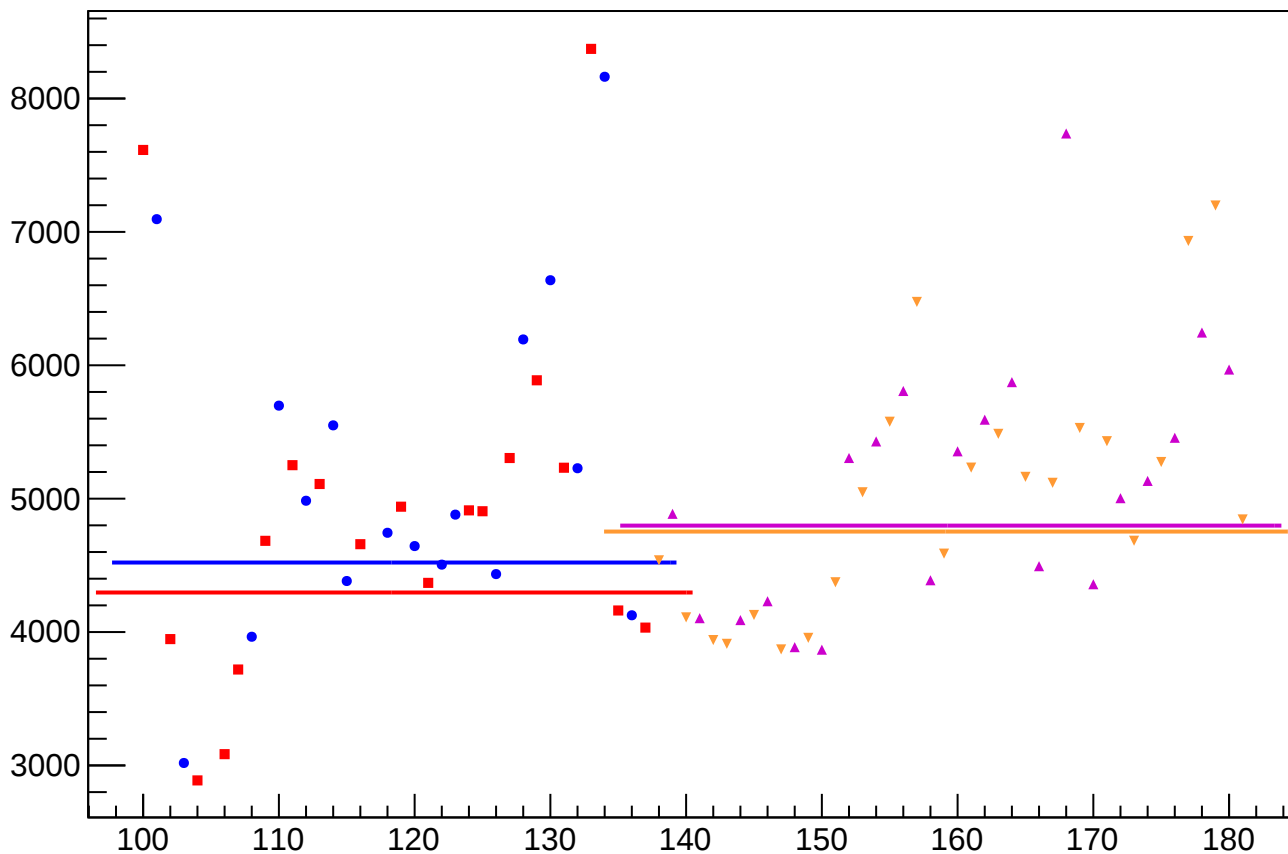
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -773.913 $\pm$ 997.707 χ^2 /NDF: 35.9/37

Out: 568.898 $\pm$ 953.858 χ^2 /NDF: 38.9/41

All: -72.352 $\pm$ 689.460 χ^2 /NDF: 75.8/79

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4753.405+/-0.817 χ^2/NDF : 952827.0/22

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

Left In: 4798.008+/-0.847 χ^2/NDF : 945334.0/20

Left: 4774.898+/-0.588 χ^2/NDF : 1899597.1/43

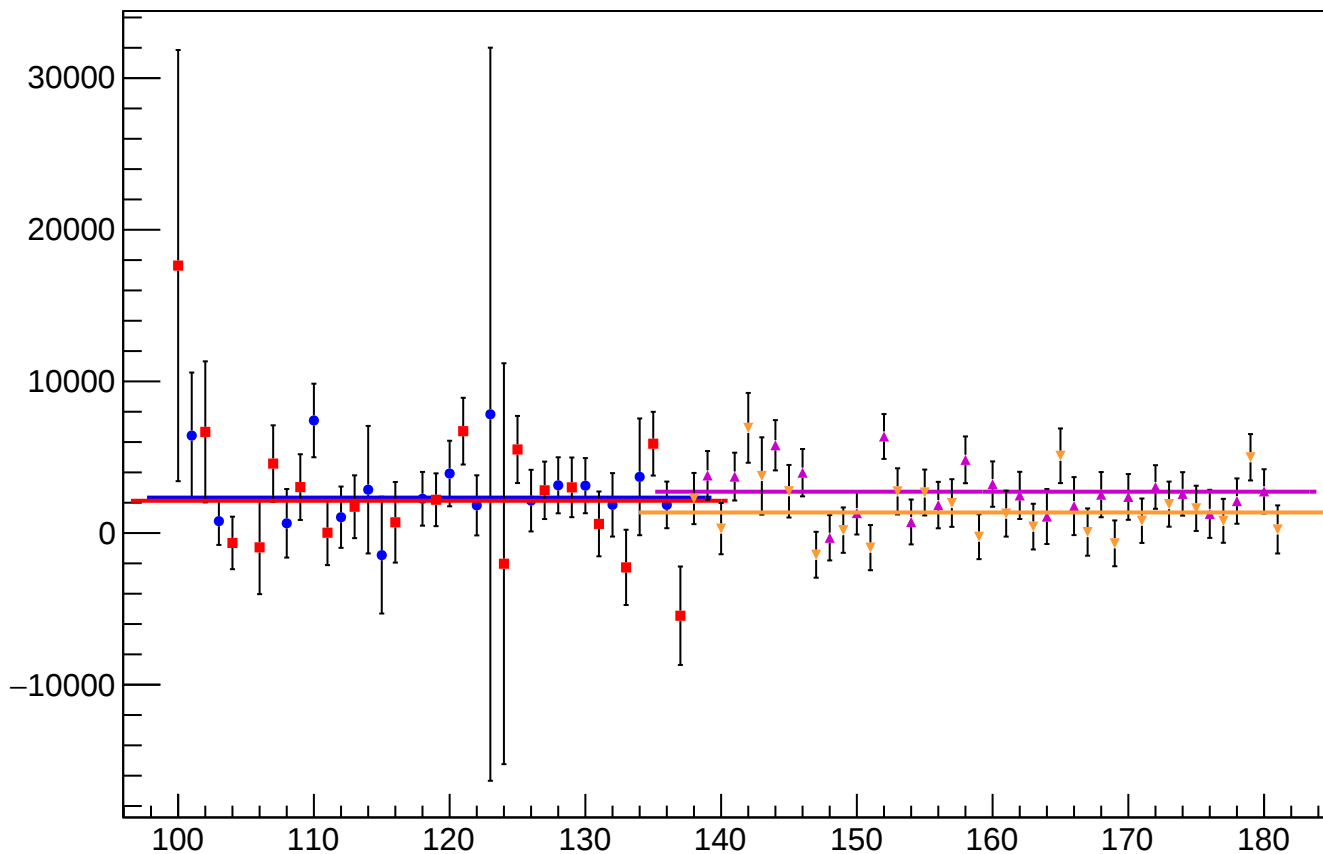
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4713.157+/-0.705 χ^2/NDF : 1756729.2/37

Out: 4606.770+/-0.673 χ^2/NDF : 1826408.6/41

All: 4657.480+/-0.487 χ^2/NDF : 3595038.9/79

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: 1357.435 $\pm$ 330.680 χ^2 /NDF:31.3/22

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

Left In: 2726.537 $\pm$ 335.406 χ^2 /NDF:22.5/20

Left: 2032.272 $\pm$ 235.479 χ^2 /NDF: 62.2/43

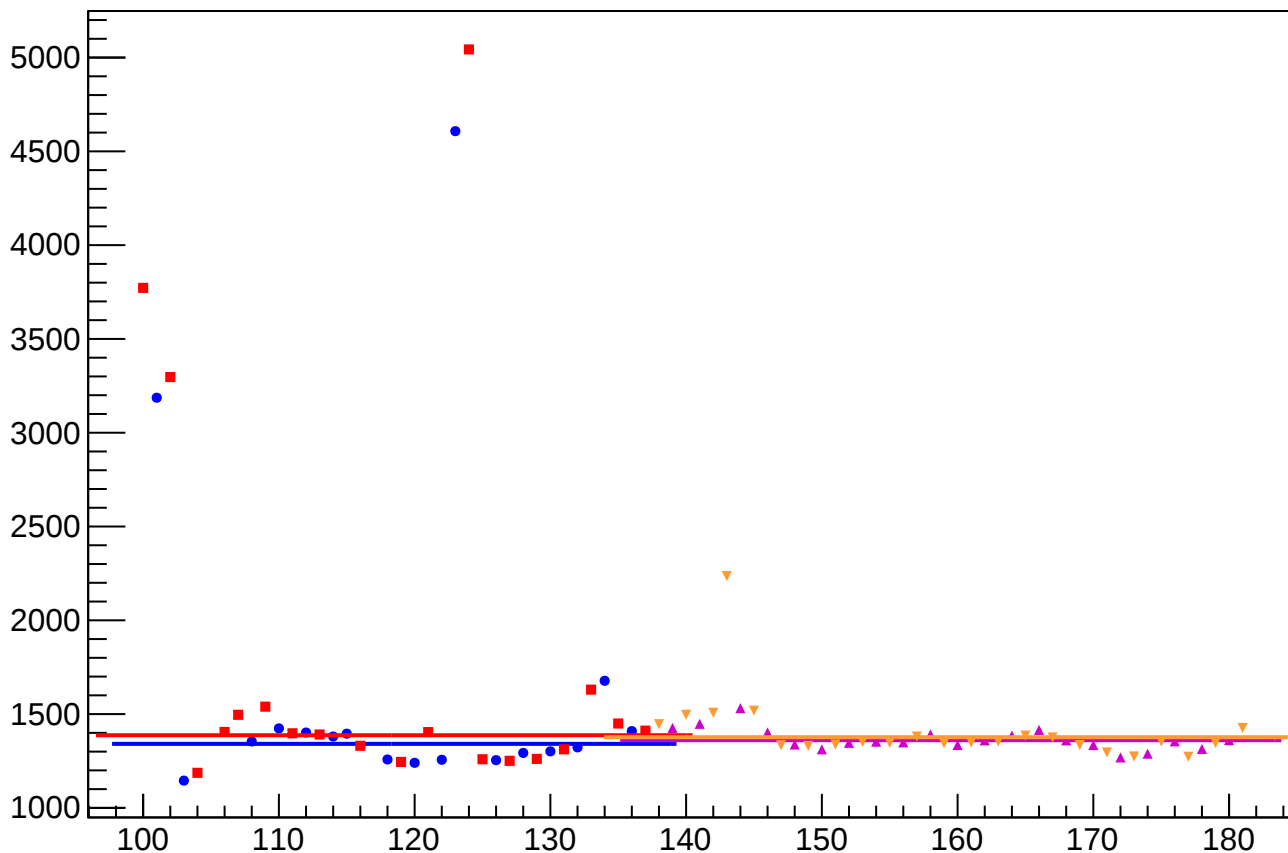
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2615.476 $\pm$ 283.593 χ^2 /NDF:32.5/37

Out: 1568.427 $\pm$ 281.894 χ^2 /NDF:60.3/41

All: 2088.805 $\pm$ 199.927 χ^2 /NDF: 99.6/79

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: 1376.729+/-0.234 χ^2/NDF : 299302.9/22

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

Left In: 1360.908+/-0.237 χ^2/NDF : 54456.7/20

Left: 1368.931+/-0.167 χ^2/NDF : 356016.1/43

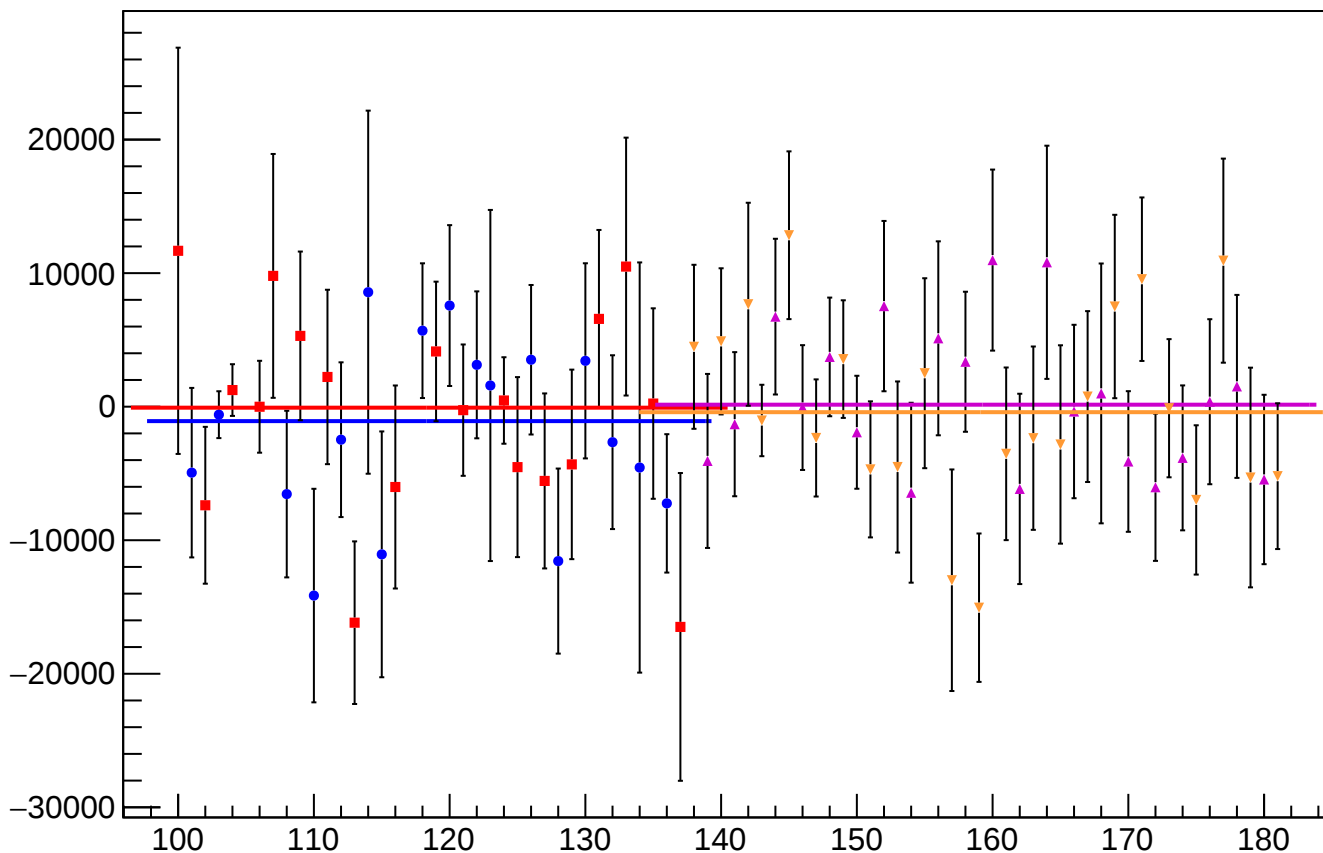
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1355.339+/-0.201 χ^2/NDF : 560662.8/37

Out: 1379.633+/-0.199 χ^2/NDF : 950060.2/41

All: 1367.561+/-0.141 χ^2/NDF : 1518106.7/79

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -411.531 $\pm$ 1157.813 χ^2 /NDF:27.9/22

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

Left In: 149.328 $\pm$ 1284.859 χ^2 /NDF:13.9/20

Left: -160.194 $\pm$ 860.116 χ^2 /NDF: 41.9/43

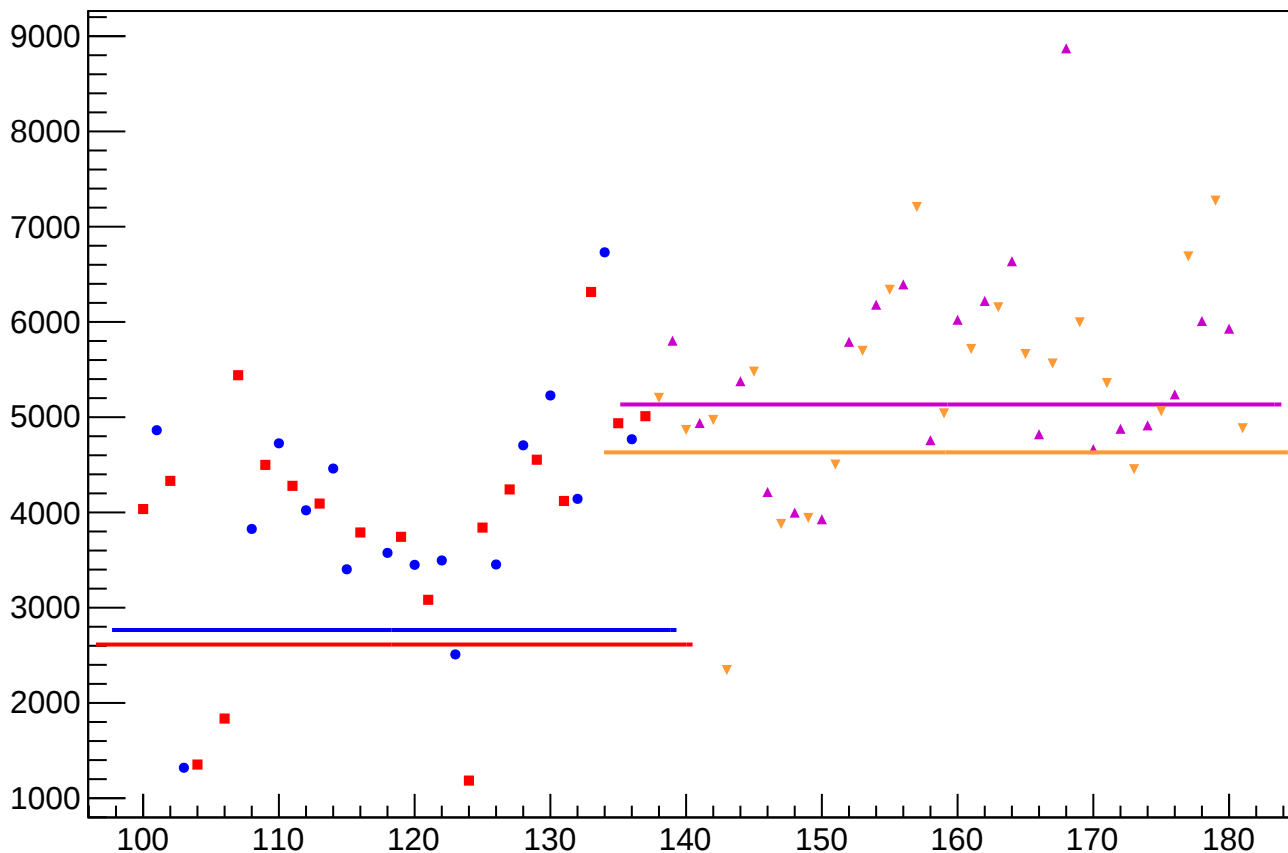
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -501.534 $\pm$ 881.793 χ^2 /NDF:29.4/37

Out: -238.143 $\pm$ 807.295 χ^2 /NDF:46.6/41

All: -358.244 $\pm$ 595.442 χ^2 /NDF: 76.0/79

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4630.637 $\pm$ 0.819 χ^2 /NDF: 2718492.7/22

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

Left In: 5133.442 $\pm$ 0.909 χ^2 /NDF: 1066083.1/20

Left: 4855.958 $\pm$ 0.608 χ^2 /NDF: 3953602.7/43

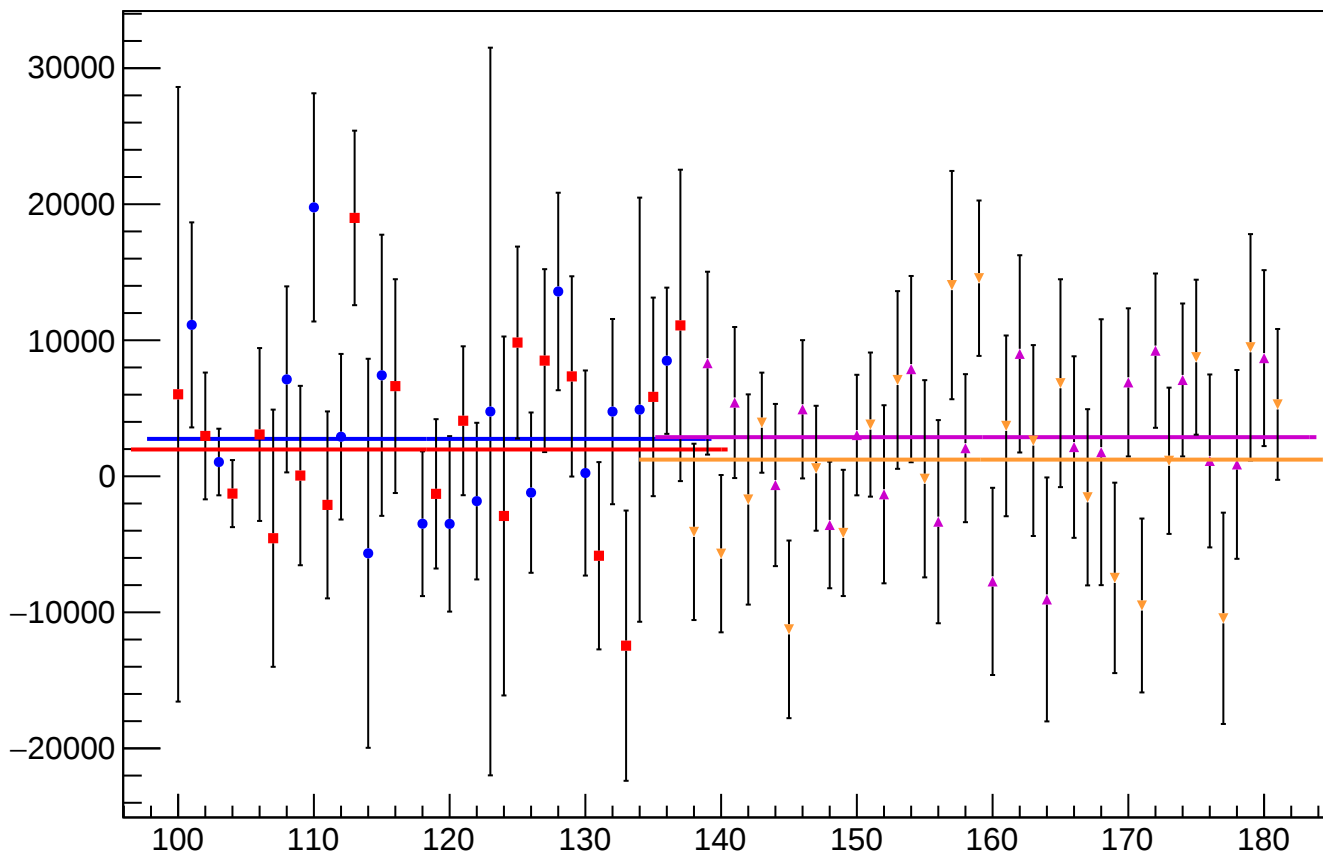
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3880.930 $\pm$ 0.624 χ^2 /NDF: 7597930.1/37

Out: 3594.104 $\pm$ 0.571 χ^2 /NDF: 9178020.5/41

All: 3724.891 $\pm$ 0.421 χ^2 /NDF: 16891070.1/7

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: 1226.457+/-1247.590 χ^2/NDF : 27.5/22

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

Left In: 2876.280+/-1328.776 χ^2/NDF : 13.2/20

Left: 1999.431+/-909.527 χ^2/NDF : 41.5/43

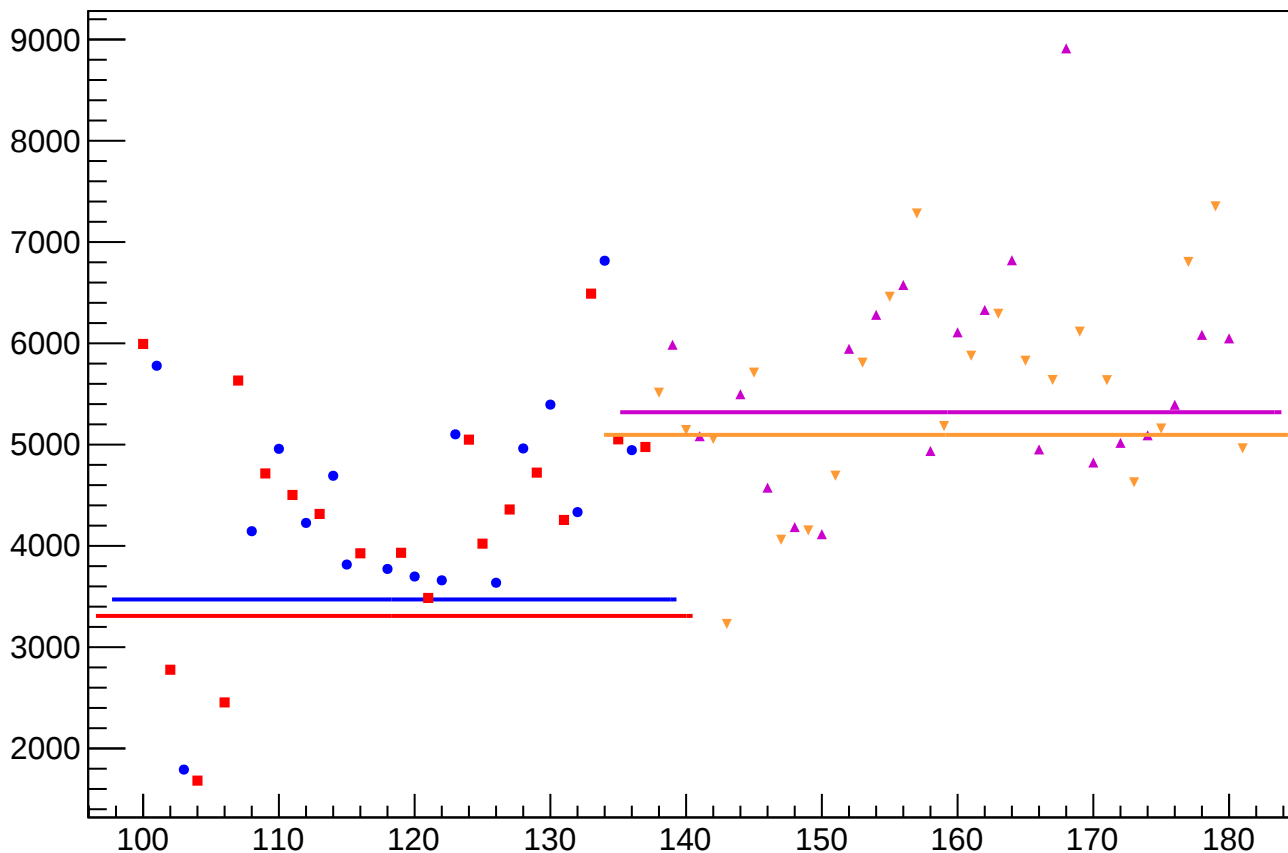
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2817.706+/-978.605 χ^2/NDF : 27.0/37

Out: 1560.919+/-925.975 χ^2/NDF : 45.4/41

All: 2154.609+/-672.600 χ^2/NDF : 73.3/79

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: 5096.211+/-0.882 χ^2/NDF : 1403116.9/22

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

Left In: 5319.808+/-0.940 χ^2/NDF : 931775.4/20

Left: 5200.971+/-0.643 χ^2/NDF : 2364991.0/43

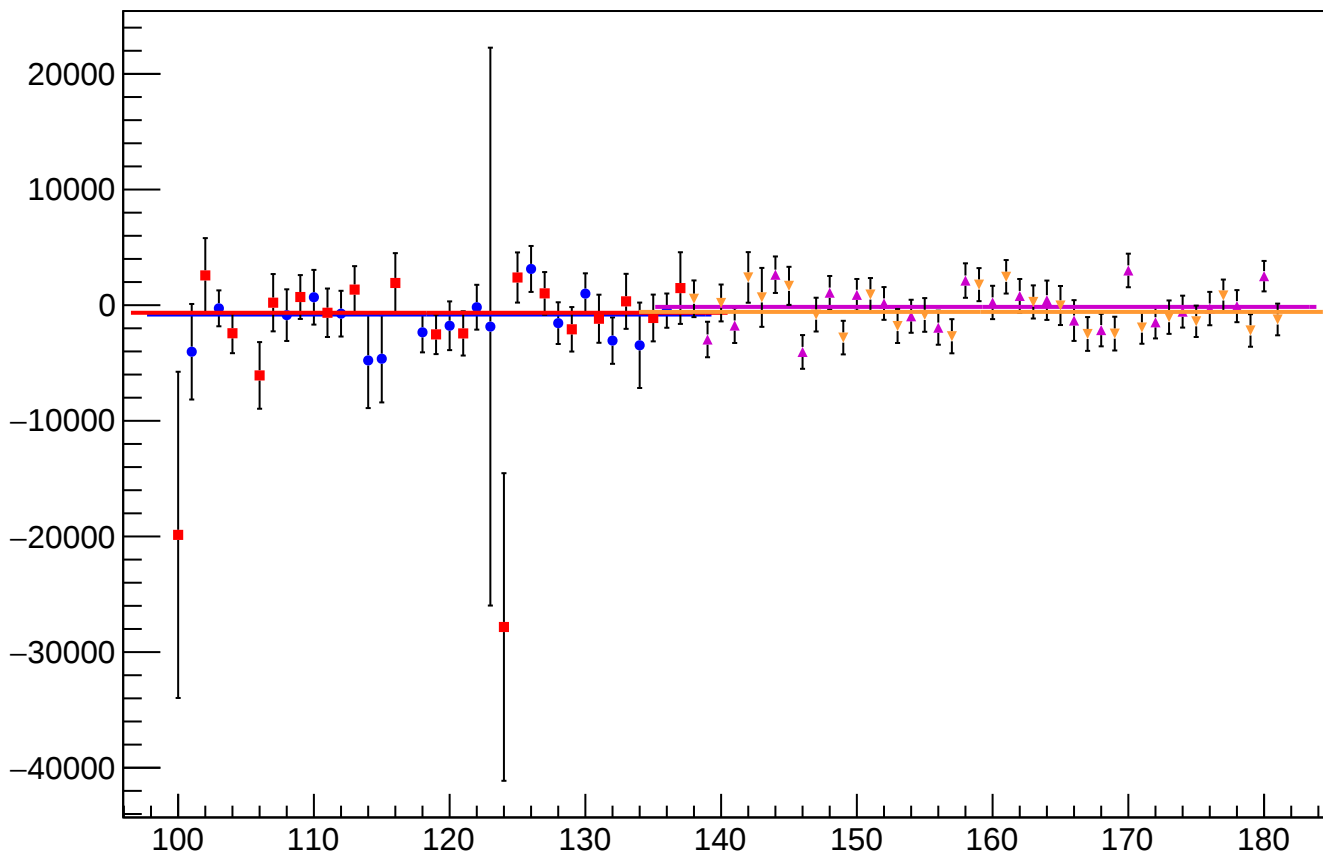
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4473.823+/-0.692 χ^2/NDF : 4471183.3/37

Out: 4285.206+/-0.652 χ^2/NDF : 5180417.7/41

All: 4373.918+/-0.475 χ^2/NDF : 9690955.6/79

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: -581.013+/-313.232 χ^2/NDF : 25.9/22

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

Left In: -147.884+/-318.559 χ^2/NDF : 33.1/20

Left: -368.100+/-223.348 χ^2/NDF : 59.9/43

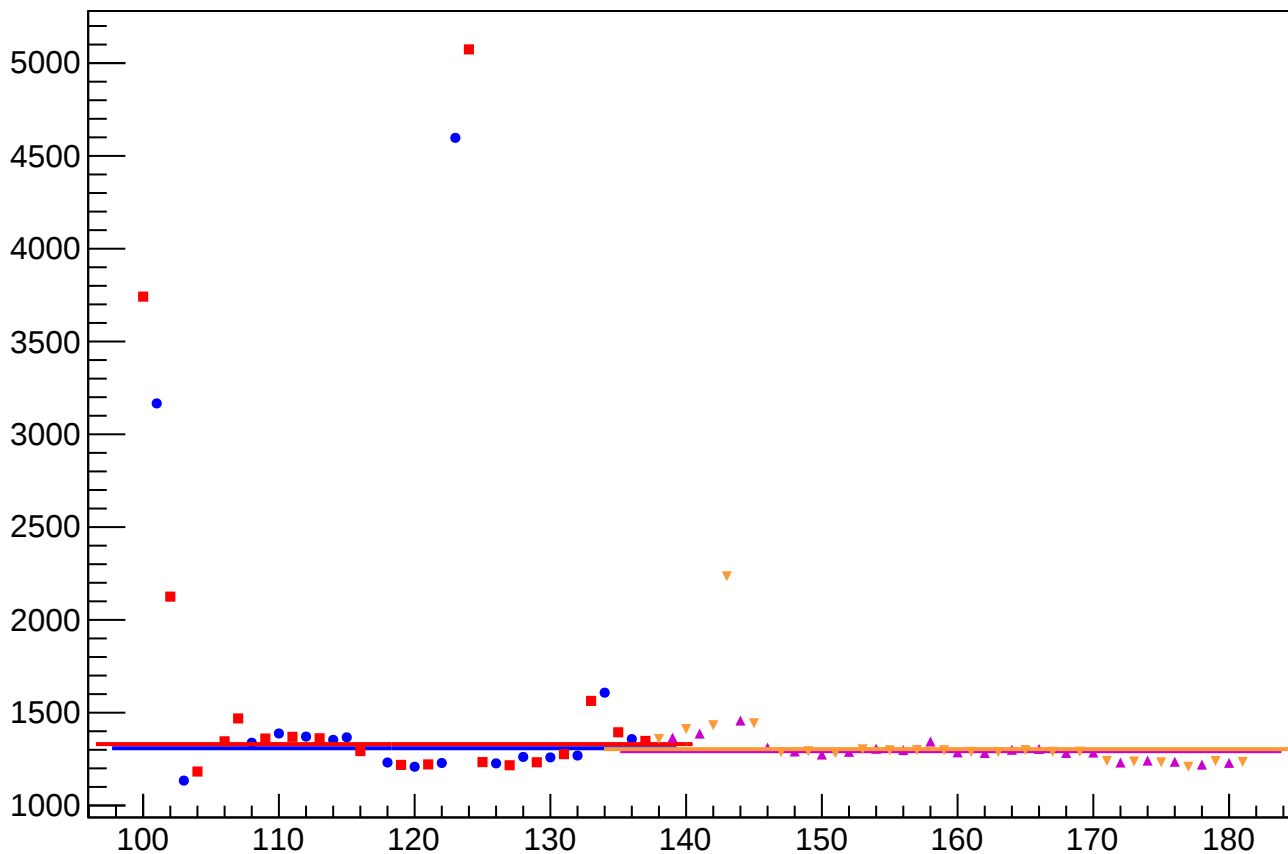
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -329.212+/-271.380 χ^2/NDF : 45.5/37

Out: -601.352+/-267.561 χ^2/NDF : 46.3/41

All: -467.210+/-190.530 χ^2/NDF : 92.3/79

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1303.730 $\pm$ 0.221 χ^2 /NDF:334249.4/22

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1292.669 $\pm$ 0.225 χ^2 /NDF:57758.5/20

Left: 1298.293 $\pm$ 0.158 χ^2 /NDF: 393233.7/43

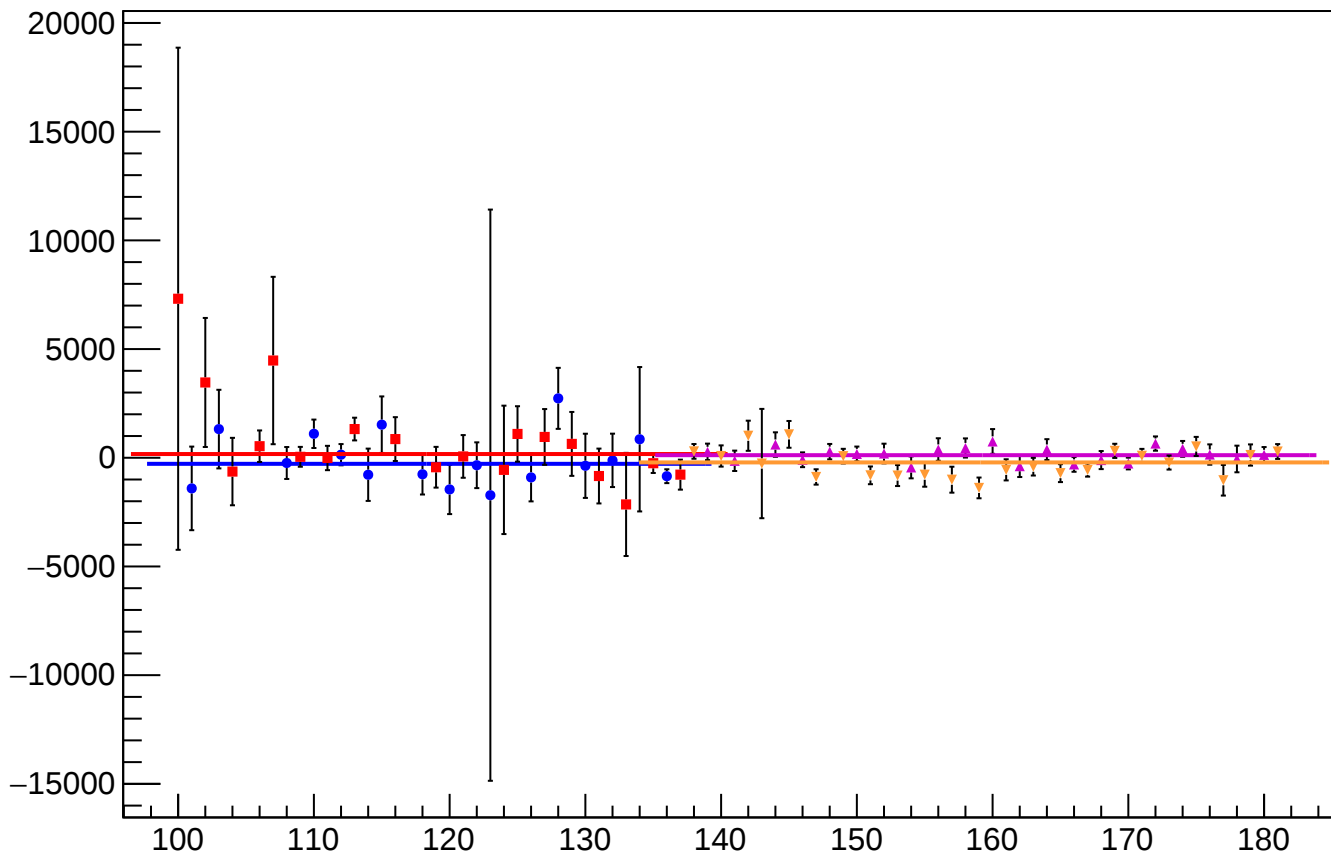
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1296.975 $\pm$ 0.192 χ^2 /NDF:565635.4/37

Out: 1311.065 $\pm$ 0.189 χ^2 /NDF:754151.1/41

All: 1304.120 $\pm$ 0.135 χ^2 /NDF: 1322520.4/79

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: -214.191 ± 87.283 χ^2/NDF : 40.9/22

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

Left In: 119.014 ± 88.043 χ^2/NDF : 13.7/20

Left: -49.031 ± 61.985 χ^2/NDF : 61.8/43

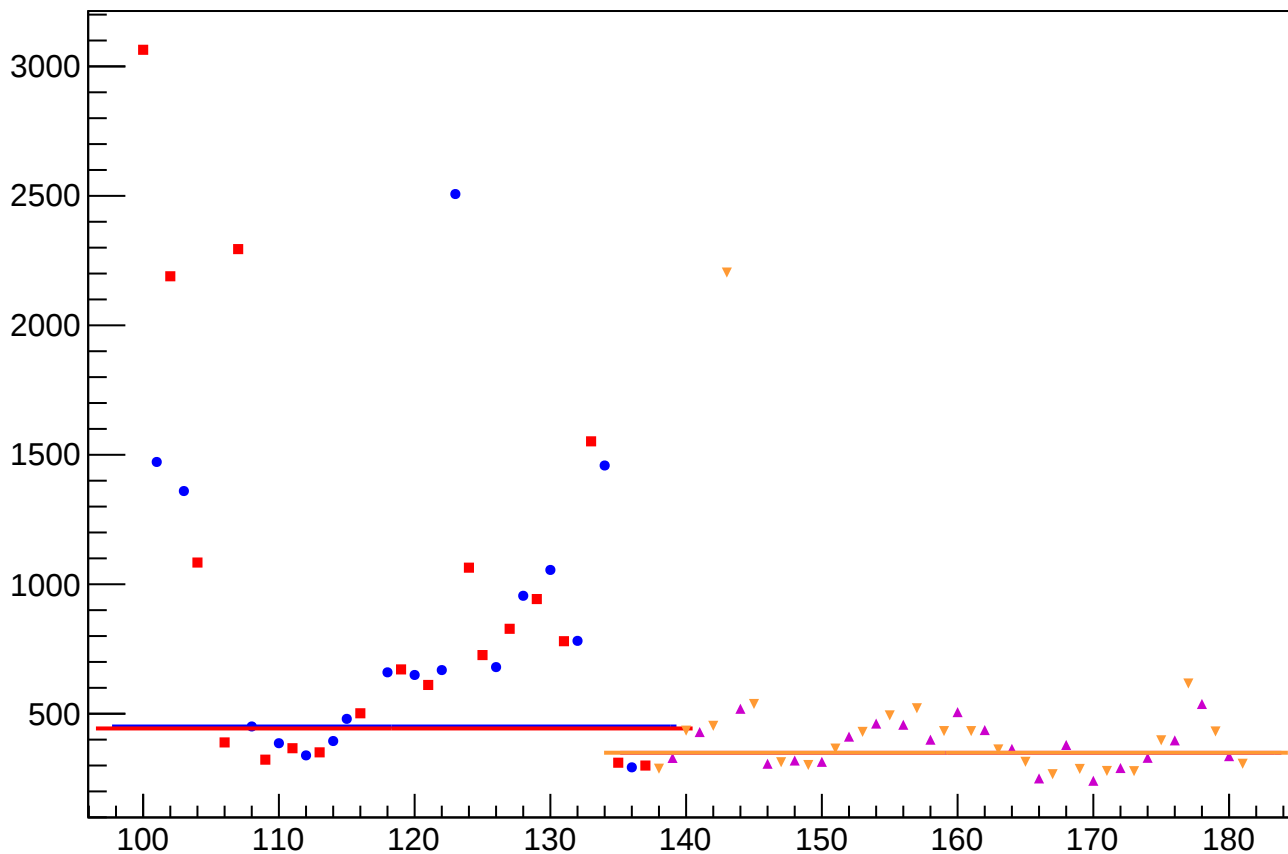
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: 53.425 ± 80.456 χ^2/NDF : 35.1/37

Out: -148.381 ± 79.491 χ^2/NDF : 58.9/41

All: -48.696 ± 56.547 χ^2/NDF : 97.2/79

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 349.365+/-0.062 χ^2/NDF : 2823259.6/22

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

Left In: 348.777+/-0.062 χ^2/NDF : 1561651.2/20

Left: 349.074+/-0.044 χ^2/NDF : 4384955.9/43

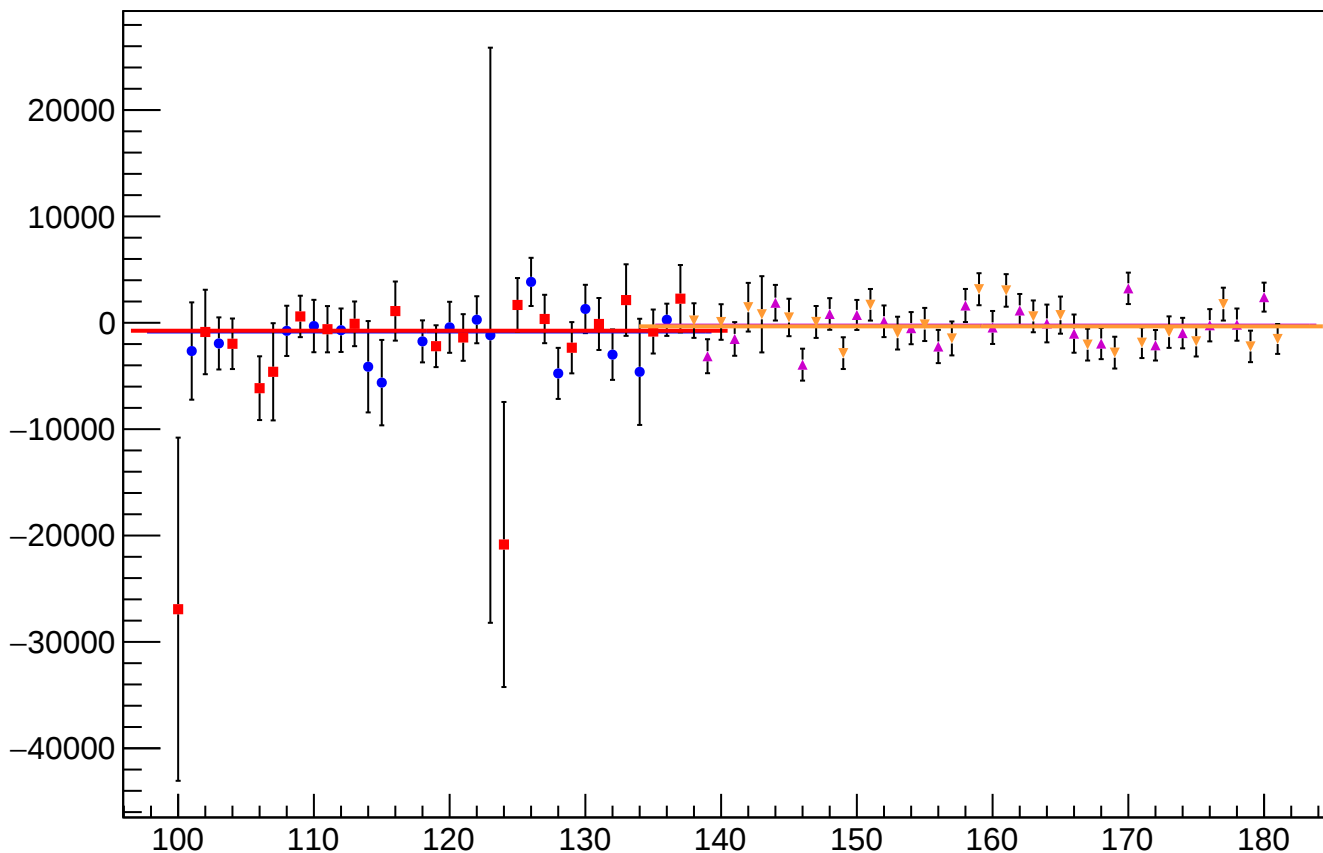
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 365.568+/-0.057 χ^2/NDF : 5000498.8/37

Out: 365.355+/-0.056 χ^2/NDF : 6688068.8/41

All: 365.460+/-0.040 χ^2/NDF : 11688574.8/79

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: -335.084+/-328.812 χ^2/NDF : 28.1/22

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

Left In: -265.948+/-332.857 χ^2/NDF : 29.5/20

Left: -300.939+/-233.922 χ^2/NDF : 57.6/43

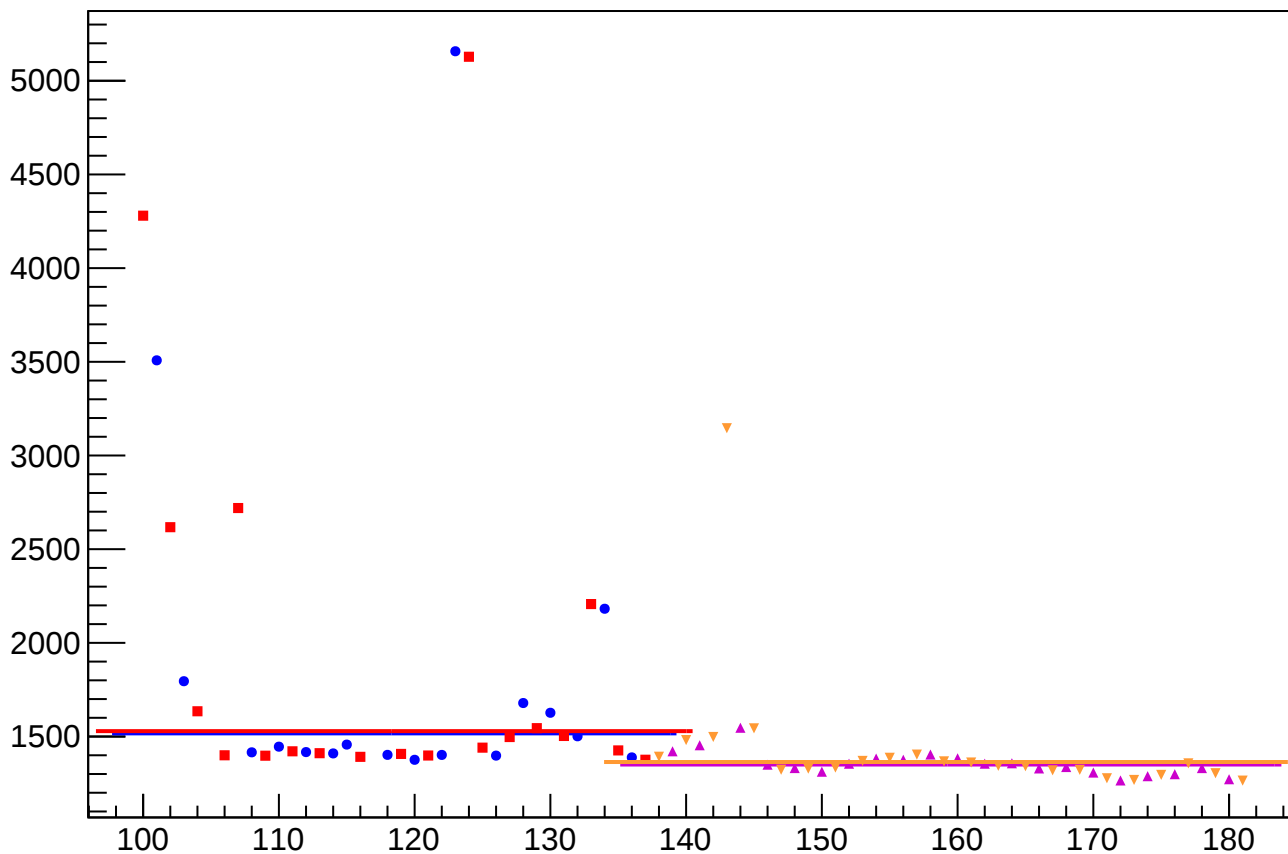
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -395.276+/-291.198 χ^2/NDF : 42.8/37

Out: -431.139+/-287.865 χ^2/NDF : 42.5/41

All: -413.414+/-204.720 χ^2/NDF : 85.3/79

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: 1364.051+/-0.233 χ^2/NDF : 575055.0/22

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

Left In: 1350.649+/-0.235 χ^2/NDF : 68623.2/20

Left: 1357.432+/-0.165 χ^2/NDF : 645319.2/43

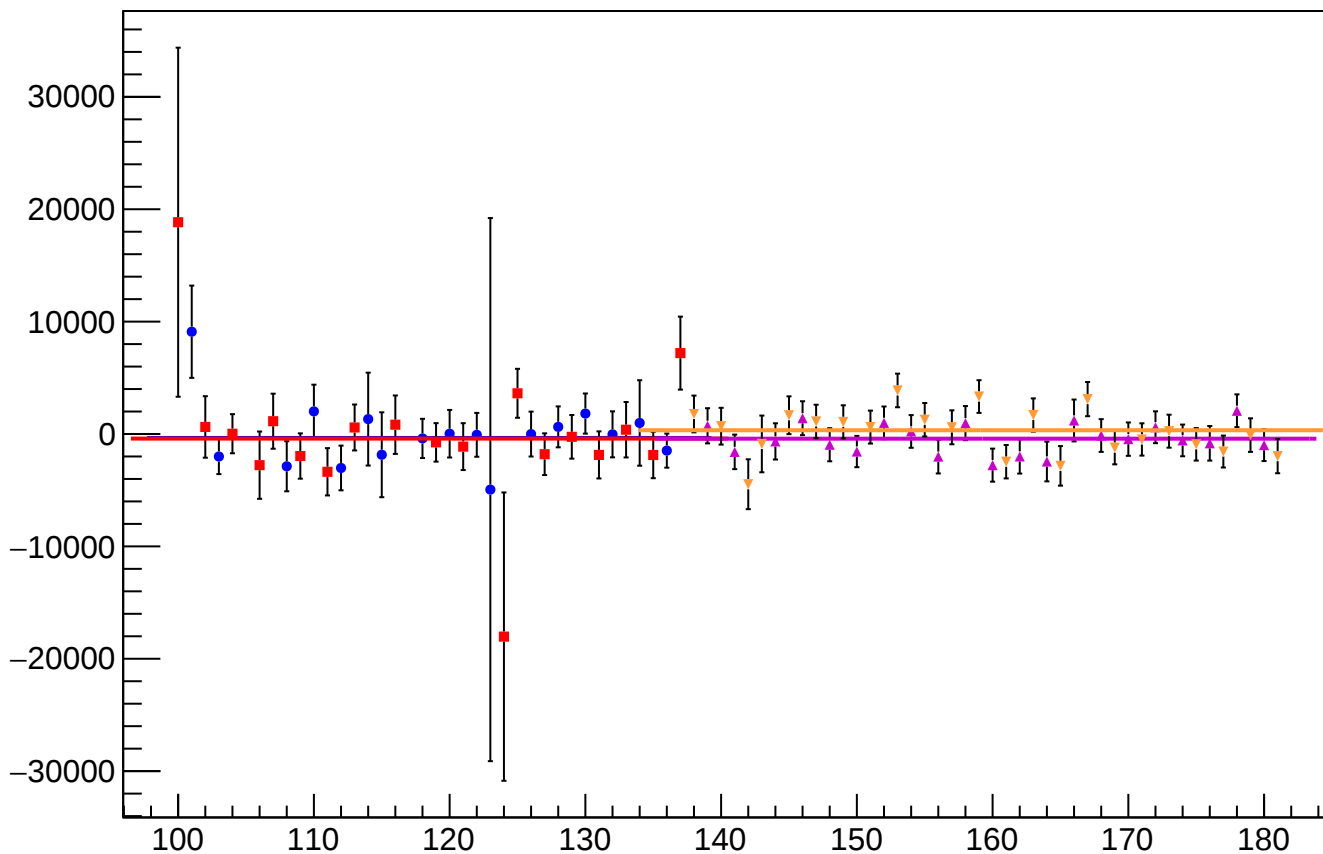
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1389.667+/-0.206 χ^2/NDF : 726785.8/37

Out: 1402.542+/-0.204 χ^2/NDF : 1322580.9/41

All: 1396.179+/-0.145 χ^2/NDF : 2051343.8/79

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 335.169 ± 323.374 $\chi^2/\text{NDF}: 34.5/22$

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

Left In: -417.497 ± 328.370 $\chi^2/\text{NDF}: 15.9/20$

Left: -35.395 ± 230.406 $\chi^2/\text{NDF}: 53.1/43$

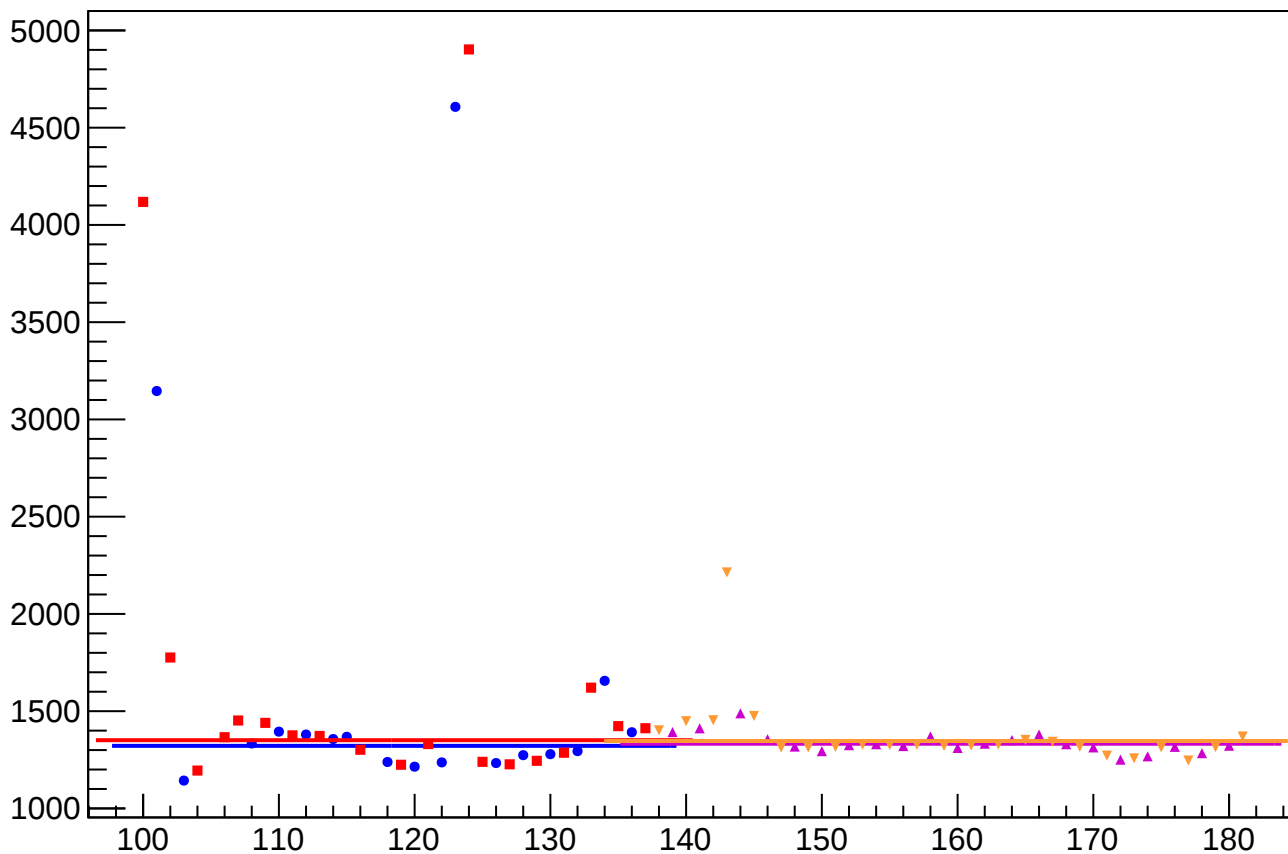
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -399.314 ± 278.148 $\chi^2/\text{NDF}: 29.3/37$

Out: 129.258 ± 274.906 $\chi^2/\text{NDF}: 54.3/41$

All: -131.930 ± 195.524 $\chi^2/\text{NDF}: 85.5/79$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1346.626 $\pm$ 0.229 χ^2 /NDF: 293540.2/22

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

Left In: 1332.673 $\pm$ 0.232 χ^2 /NDF: 46342.6/20

Left: 1339.757 $\pm$ 0.163 χ^2 /NDF: 341716.2/43

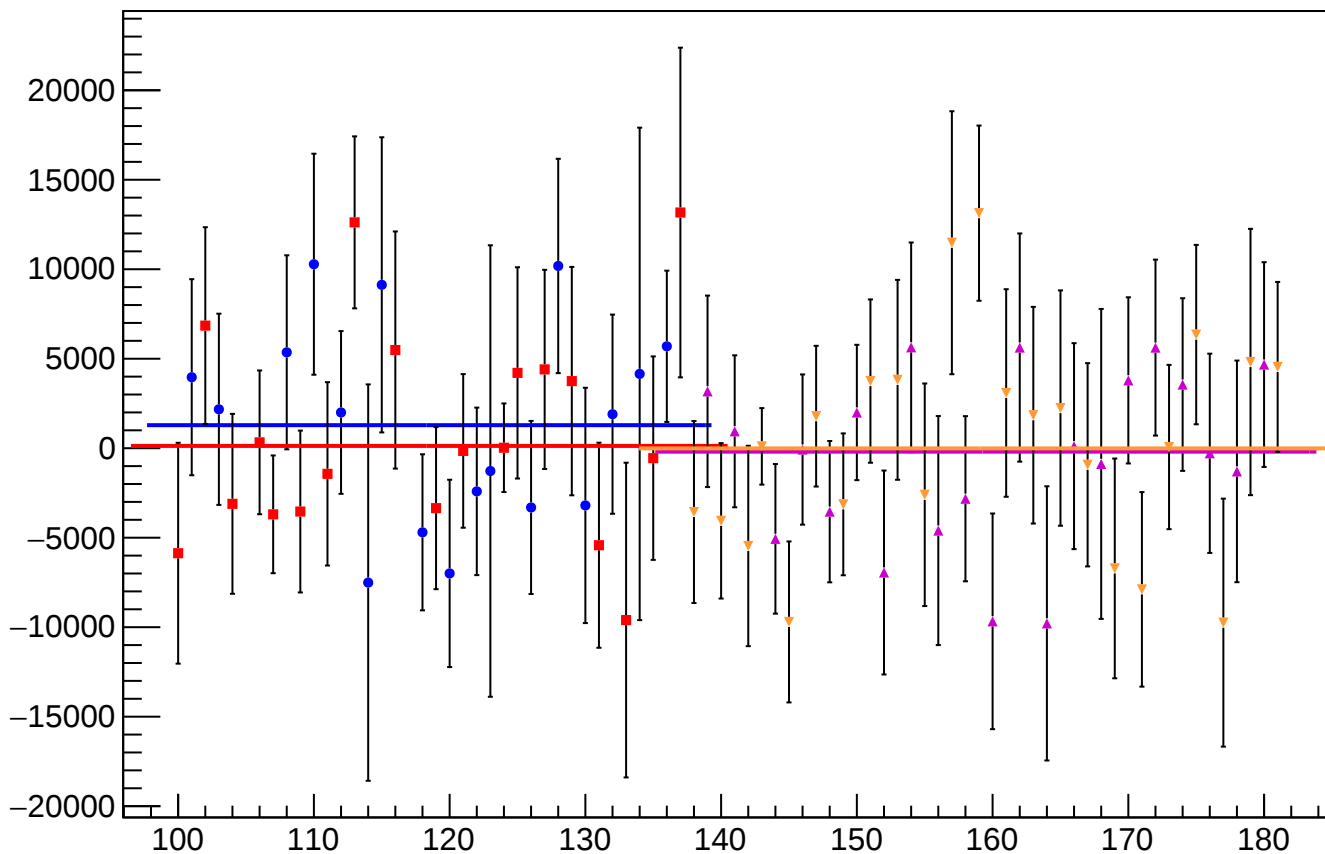
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1329.574 $\pm$ 0.197 χ^2 /NDF: 549218.9/37

Out: 1347.777 $\pm$ 0.194 χ^2 /NDF: 643515.3/41

All: 1338.784 $\pm$ 0.138 χ^2 /NDF: 1197068.1/79

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: -10.355+/-985.998 χ^2/NDF : 27.5/22

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

Left In: -192.496+/-1116.423 χ^2/NDF : 14.5/20

Left: -90.169+/-739.037 χ^2/NDF : 42.0/43

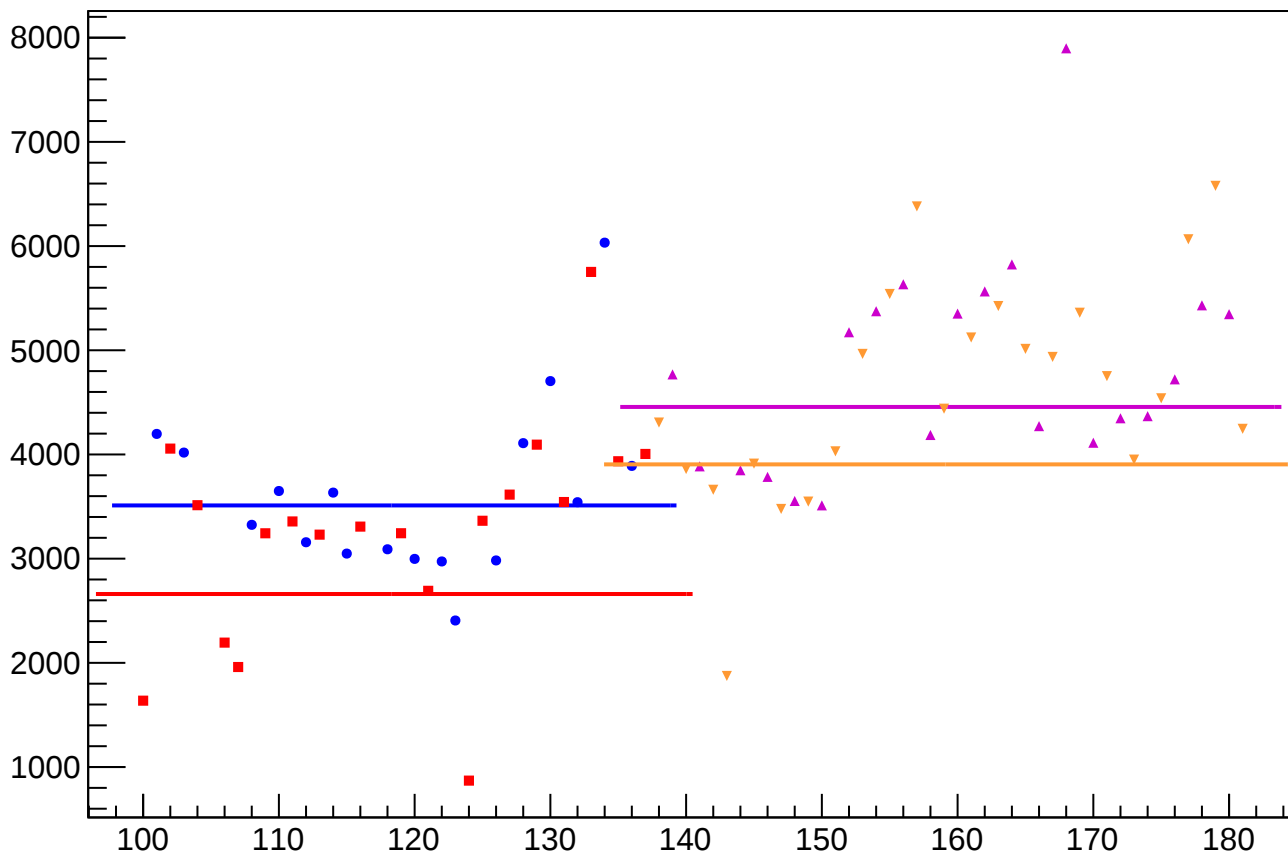
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 395.093+/-866.921 χ^2/NDF : 29.4/37

Out: 52.458+/-730.687 χ^2/NDF : 46.1/41

All: 194.769+/-558.705 χ^2/NDF : 75.6/79

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: 3904.844 $\pm$ 0.697 χ^2 /NDF:3317208.3/22

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

Left In: 4456.116 $\pm$ 0.789 χ^2 /NDF:1122641.7/20

Left: 4146.413 $\pm$ 0.523 χ^2 /NDF: 4713807.3/43

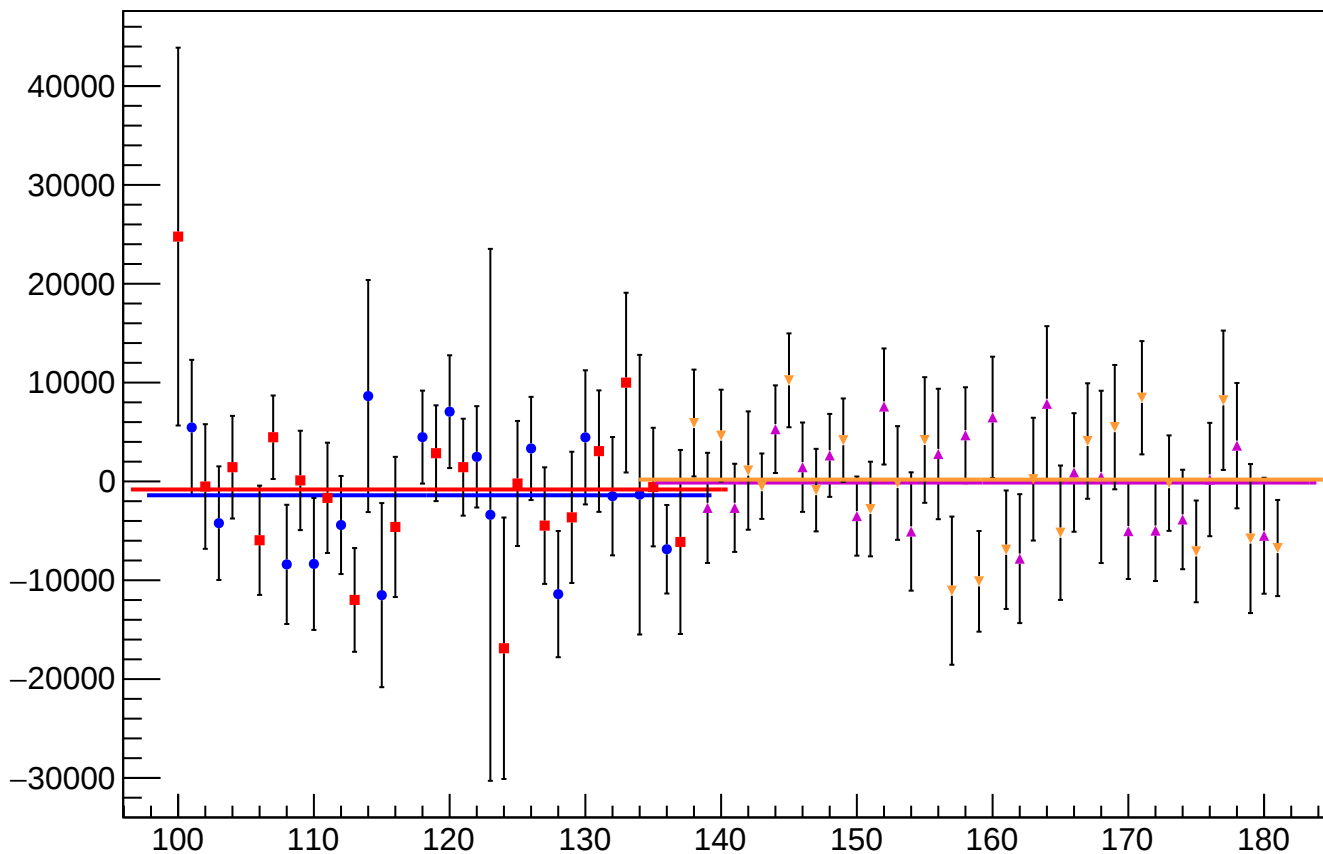
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4080.804 $\pm$ 0.613 χ^2 /NDF:2035997.2/37

Out: 3343.925 $\pm$ 0.517 χ^2 /NDF:6935593.7/41

All: 3649.982 $\pm$ 0.395 χ^2 /NDF: 9816413.0/79

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 183.330 $\pm$ 1095.405 χ^2 /NDF:25.9/22

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

Left In: -113.600 $\pm$ 1165.804 χ^2 /NDF:14.1/20

Left: 44.101 $\pm$ 798.296 χ^2 /NDF: 40.0/43

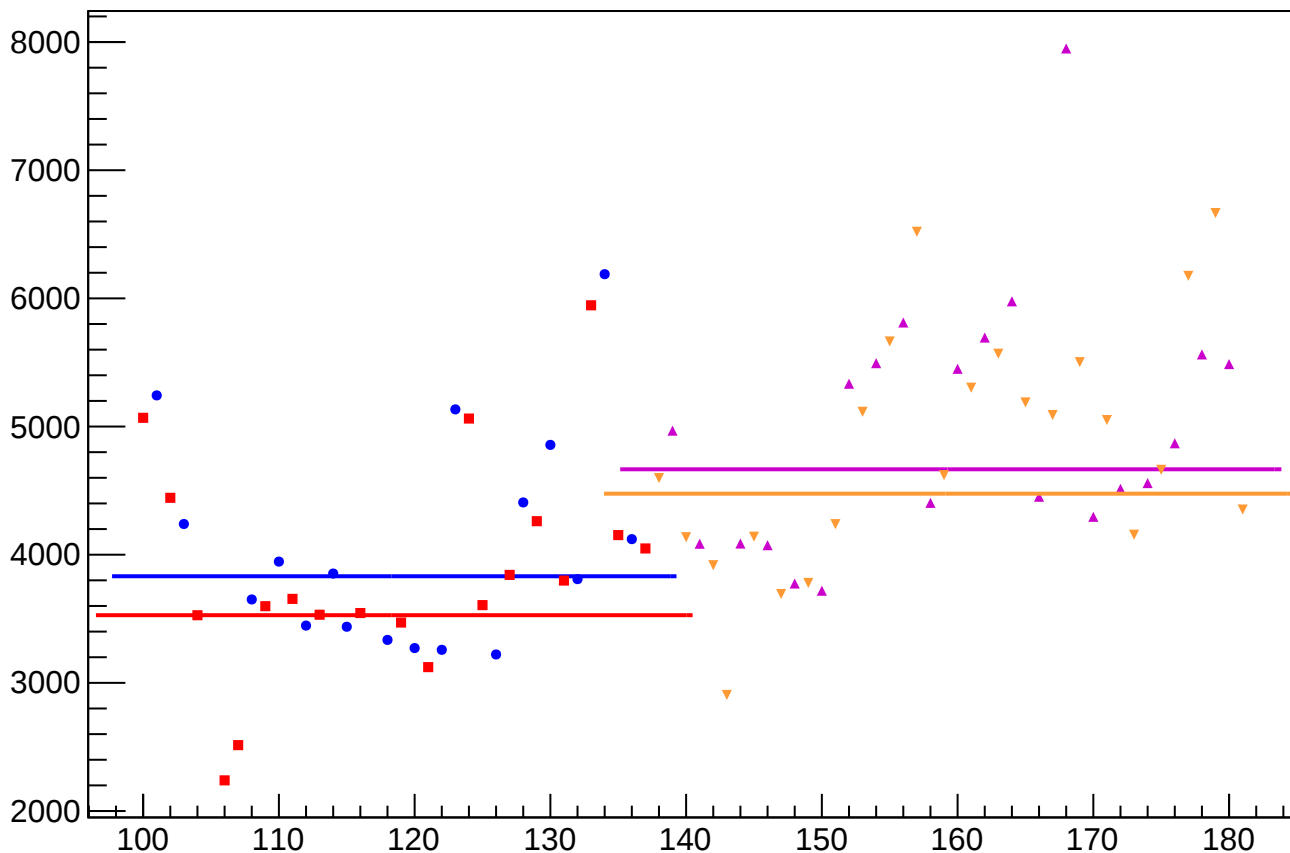
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -596.900 $\pm$ 921.443 χ^2 /NDF:30.4/37

Out: -202.503 $\pm$ 857.753 χ^2 /NDF:40.4/41

All: -385.601 $\pm$ 627.832 χ^2 /NDF: 70.9/79

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4476.129+/-0.775 χ^2/NDF :1378376.0/22

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

Left In: 4666.443+/-0.824 χ^2/NDF :961017.6/20

Left: 4565.367+/-0.564 χ^2/NDF : 2367701.0/43

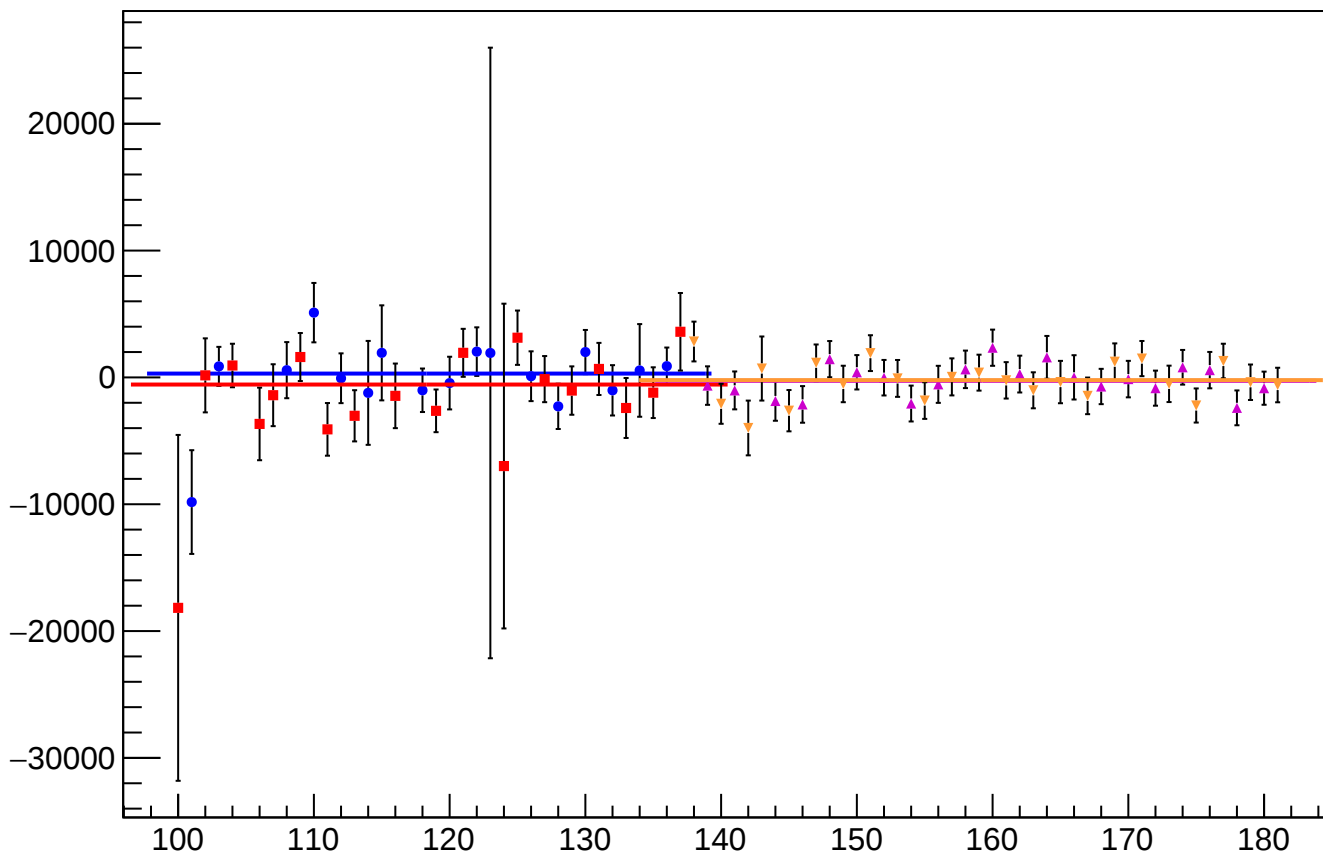
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4353.215+/-0.652 χ^2/NDF :1683432.2/37

Out: 4105.279+/-0.604 χ^2/NDF :2521572.1/41

All: 4219.947+/-0.443 χ^2/NDF : 4282838.4/79

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -215.583 $\pm$ 310.250 χ^2 /NDF:22.4/22

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

Left In: -270.217 $\pm$ 315.455 χ^2 /NDF:15.3/20

Left: -242.446 $\pm$ 221.197 χ^2 /NDF: 37.7/43

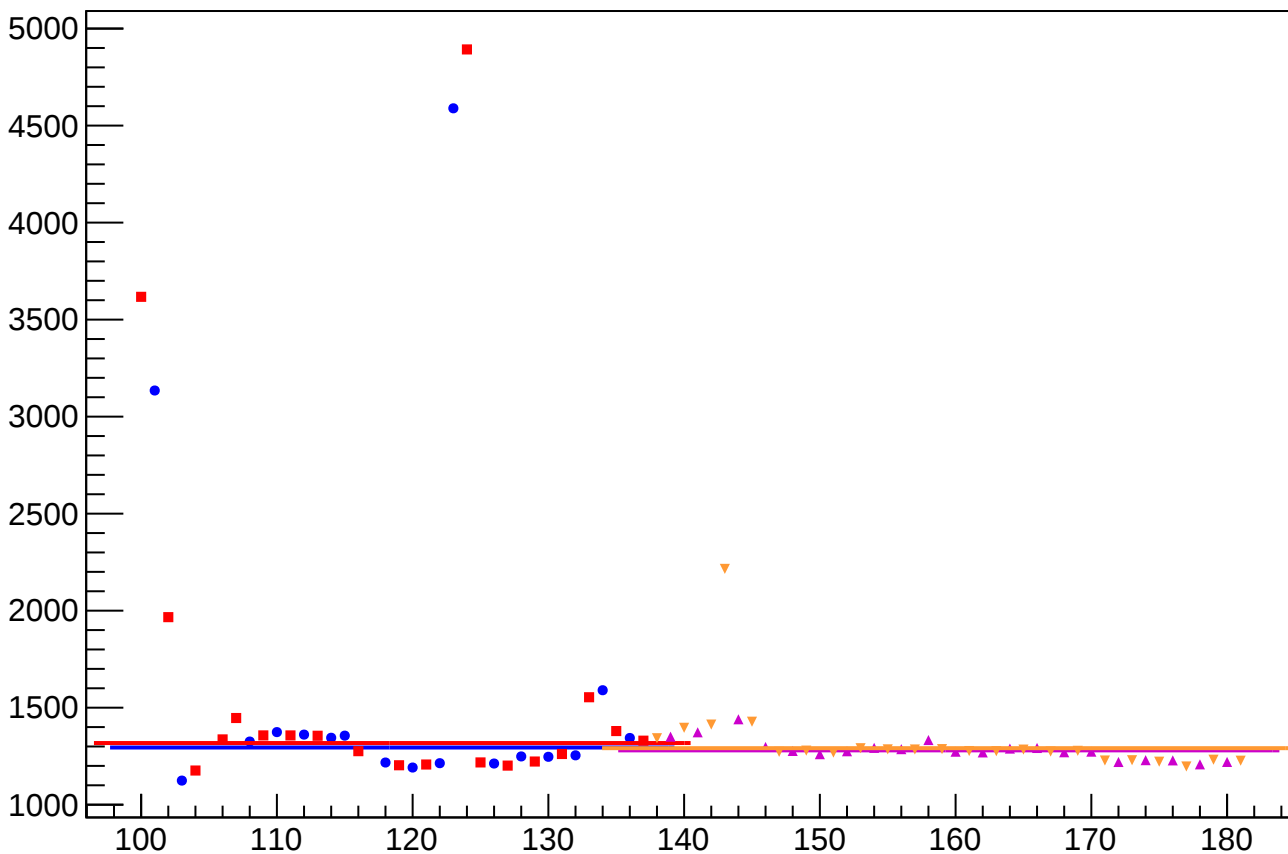
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -113.149 $\pm$ 268.691 χ^2 /NDF:32.3/37

Out: -309.665 $\pm$ 264.822 χ^2 /NDF:41.8/41

All: -212.832 $\pm$ 188.611 χ^2 /NDF: 74.4/79

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: 1291.298+/-0.219 χ^2/NDF : 332123.1/22

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

Left In: 1280.064+/-0.223 χ^2/NDF : 55942.4/20

Left: 1285.775+/-0.156 χ^2/NDF : 389354.9/43

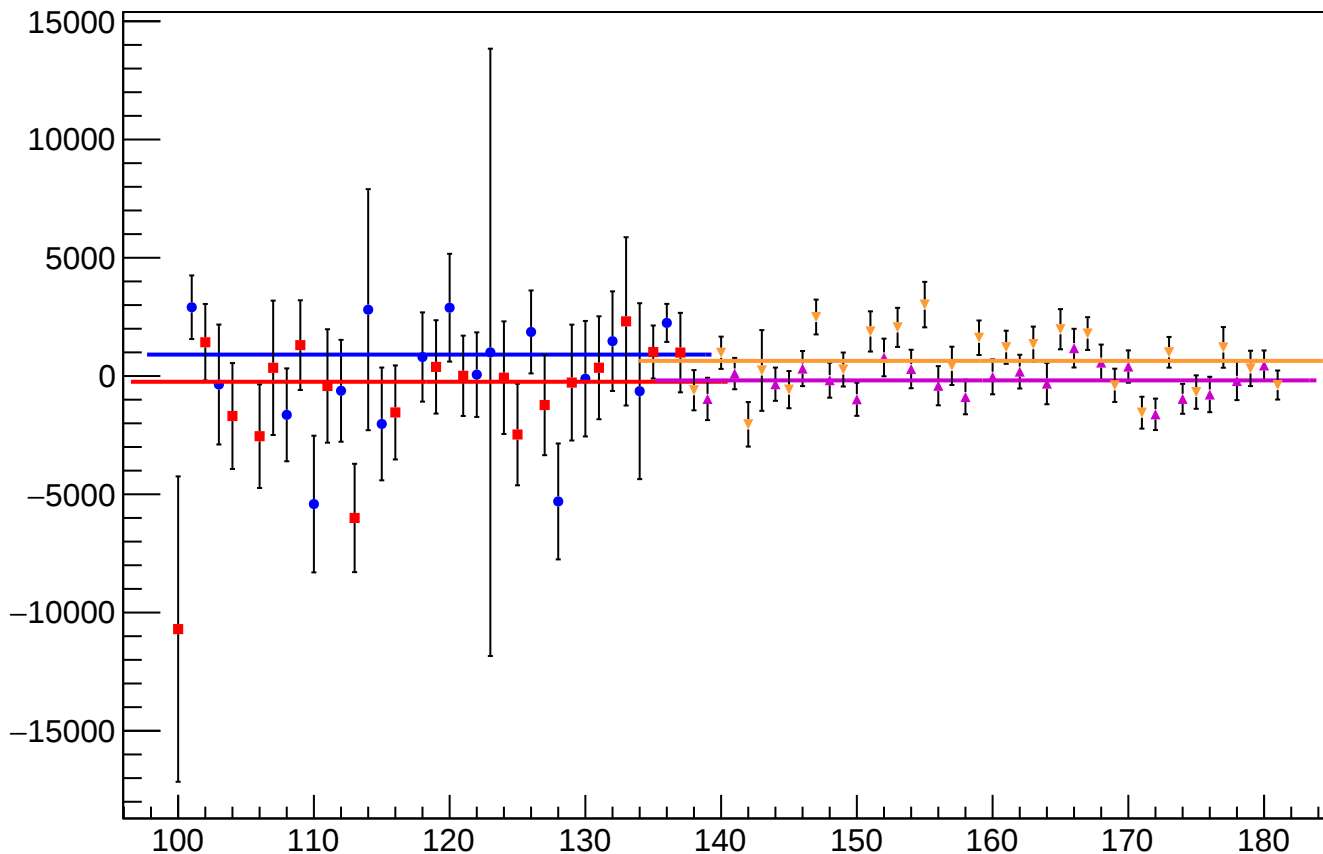
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1284.090+/-0.190 χ^2/NDF : 564932.9/37

Out: 1298.488+/-0.187 χ^2/NDF : 726887.9/41

All: 1291.393+/-0.133 χ^2/NDF : 1294734.0/79

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: 640.922 $\pm$ 159.214 χ^2 /NDF:59.4/22

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

Left In: -184.847 $\pm$ 160.784 χ^2 /NDF:18.2/20

Left: 232.089 $\pm$ 113.132 χ^2 /NDF: 90.9/43

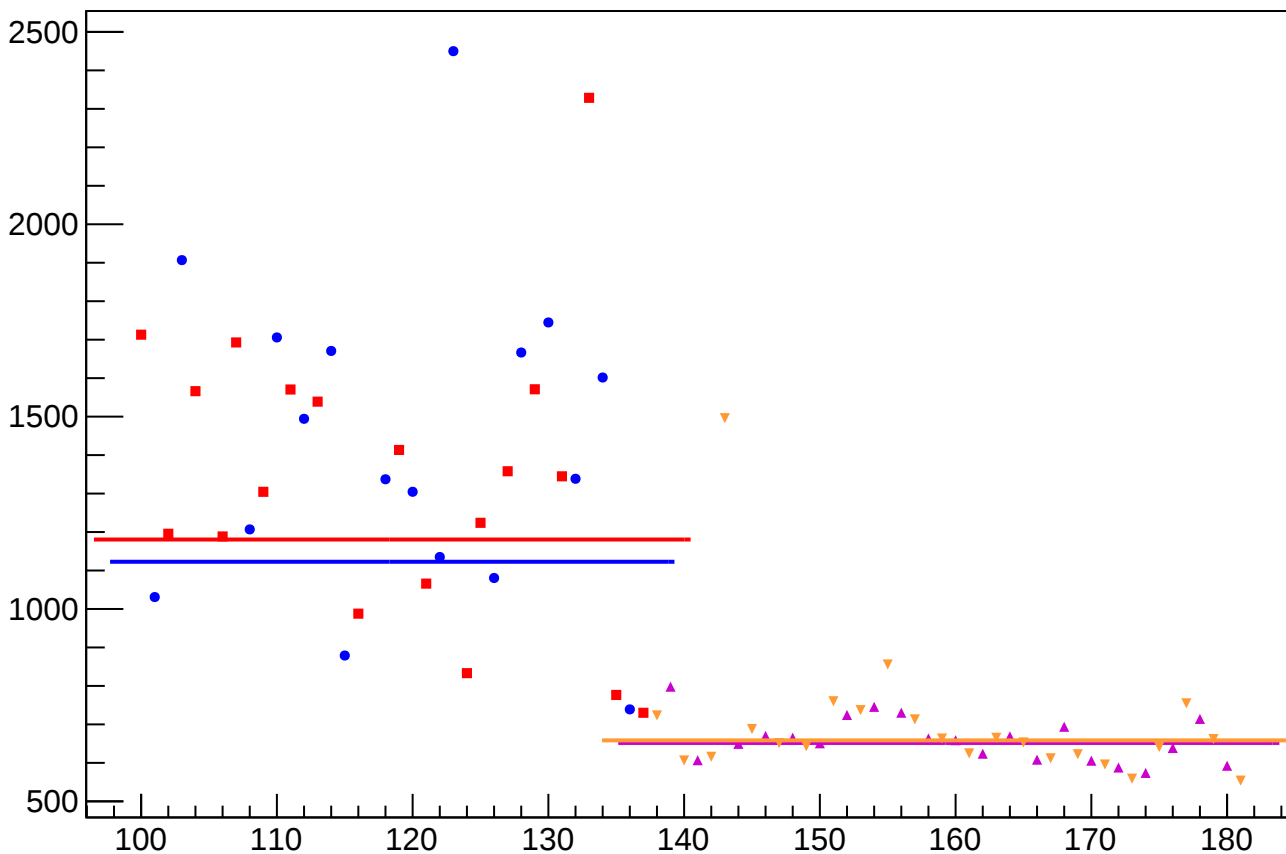
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -64.073 $\pm$ 151.628 χ^2 /NDF:45.3/37

Out: 547.647 $\pm$ 150.572 χ^2 /NDF:79.1/41

All: 243.924 $\pm$ 106.842 χ^2 /NDF: 132.6/79

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 658.449+/-0.113 χ^2/NDF : 820770.1/22

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

Left In: 651.771+/-0.114 χ^2/NDF : 229965.1/20

Left: 655.143+/-0.080 χ^2/NDF : 1052477.2/43

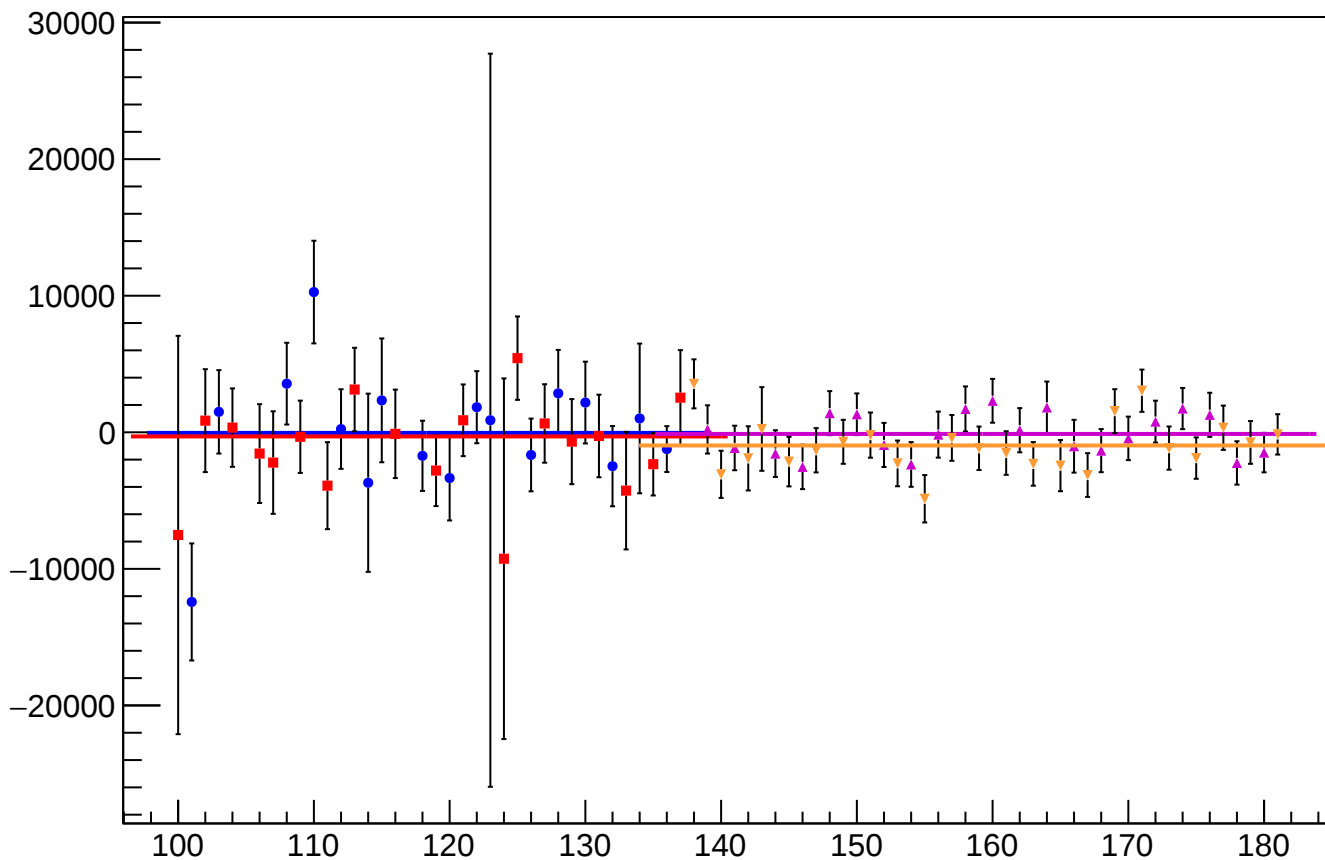
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 703.886+/-0.107 χ^2/NDF : 3316964.0/37

Out: 713.587+/-0.106 χ^2/NDF : 4127459.2/41

All: 708.770+/-0.076 χ^2/NDF : 7448545.4/79

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: -964.226 ± 350.214 χ^2/NDF : 28.4/22

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -120.689 ± 354.868 χ^2/NDF : 18.0/20

Left: -548.025 ± 249.268 χ^2/NDF : 49.3/43

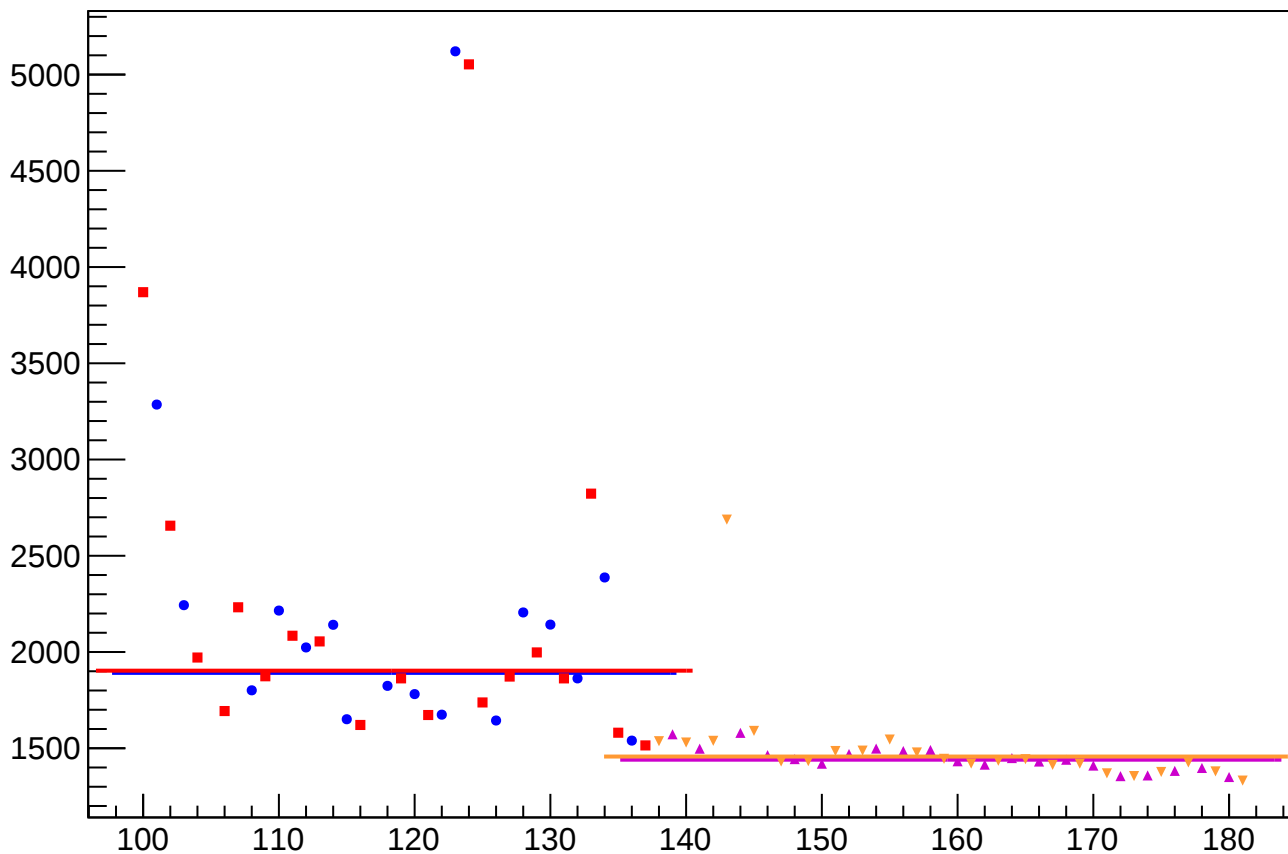
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -106.654 ± 320.584 χ^2/NDF : 41.2/37

Out: -841.867 ± 316.116 χ^2/NDF : 39.9/41

All: -479.420 ± 225.091 χ^2/NDF : 83.8/79

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: 1456.881 $\pm$ 0.248 χ^2 /NDF: 395770.2/22

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

Left In: 1440.569 $\pm$ 0.251 χ^2 /NDF: 59459.4/20

Left: 1448.833 $\pm$ 0.176 χ^2 /NDF: 457370.5/43

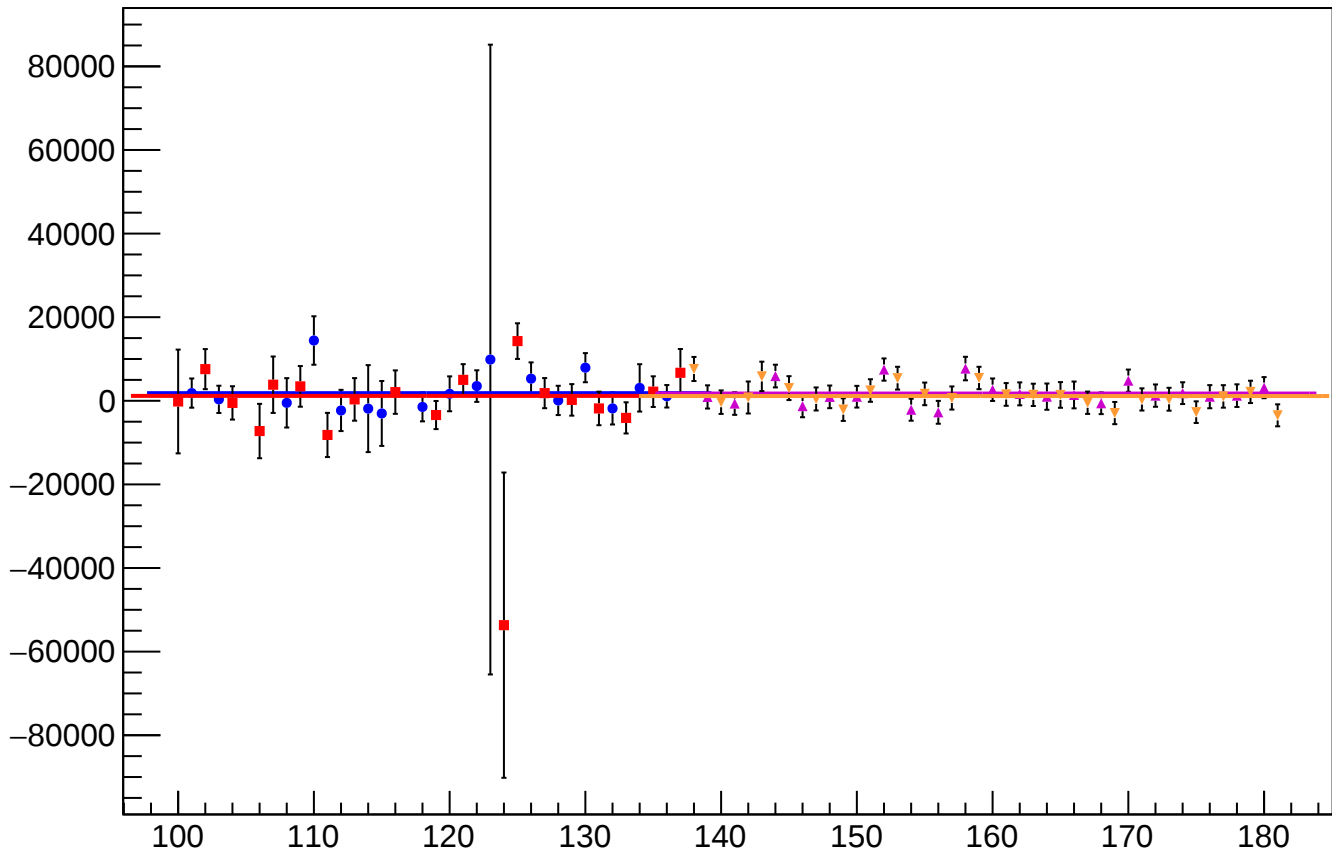
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1523.522 $\pm$ 0.227 χ^2 /NDF: 1122842.7/37

Out: 1539.529 $\pm$ 0.224 χ^2 /NDF: 1457161.2/41

All: 1531.638 $\pm$ 0.159 χ^2 /NDF: 2582531.8/79

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1138.094 $\pm$ 579.652 χ^2 /NDF:22.8/22

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

Left In: 1735.425 $\pm$ 592.852 χ^2 /NDF:21.5/20

Left: 1430.036 $\pm$ 414.464 χ^2 /NDF: 44.8/43

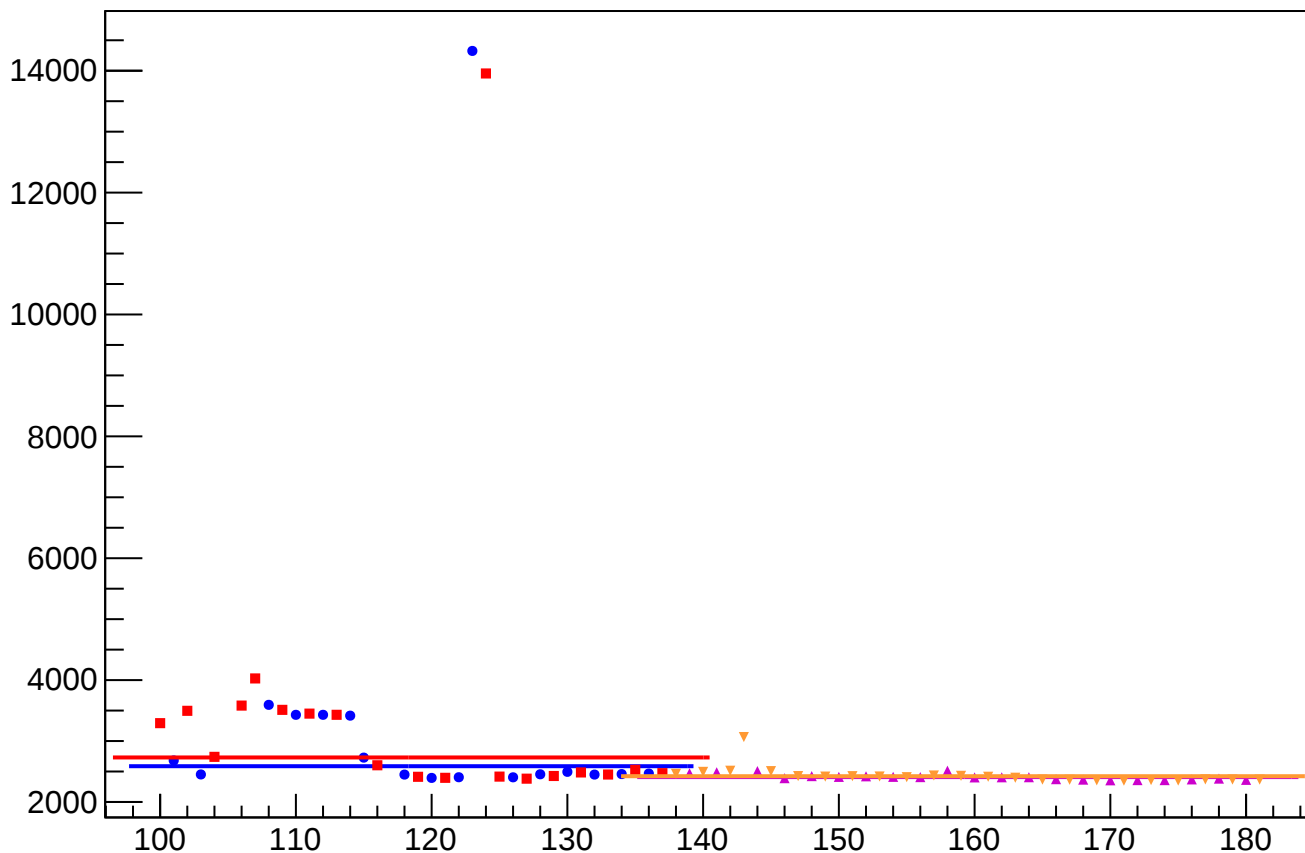
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1758.384 $\pm$ 511.301 χ^2 /NDF:34.1/37

Out: 1146.348 $\pm$ 507.029 χ^2 /NDF:48.2/41

All: 1449.799 $\pm$ 360.024 χ^2 /NDF: 83.0/79

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2422.736+/-0.410 χ^2/NDF : 81027.3/22

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

Left In: 2408.483+/-0.419 χ^2/NDF : 12537.7/20

Left: 2415.770+/-0.293 χ^2/NDF : 94155.9/43

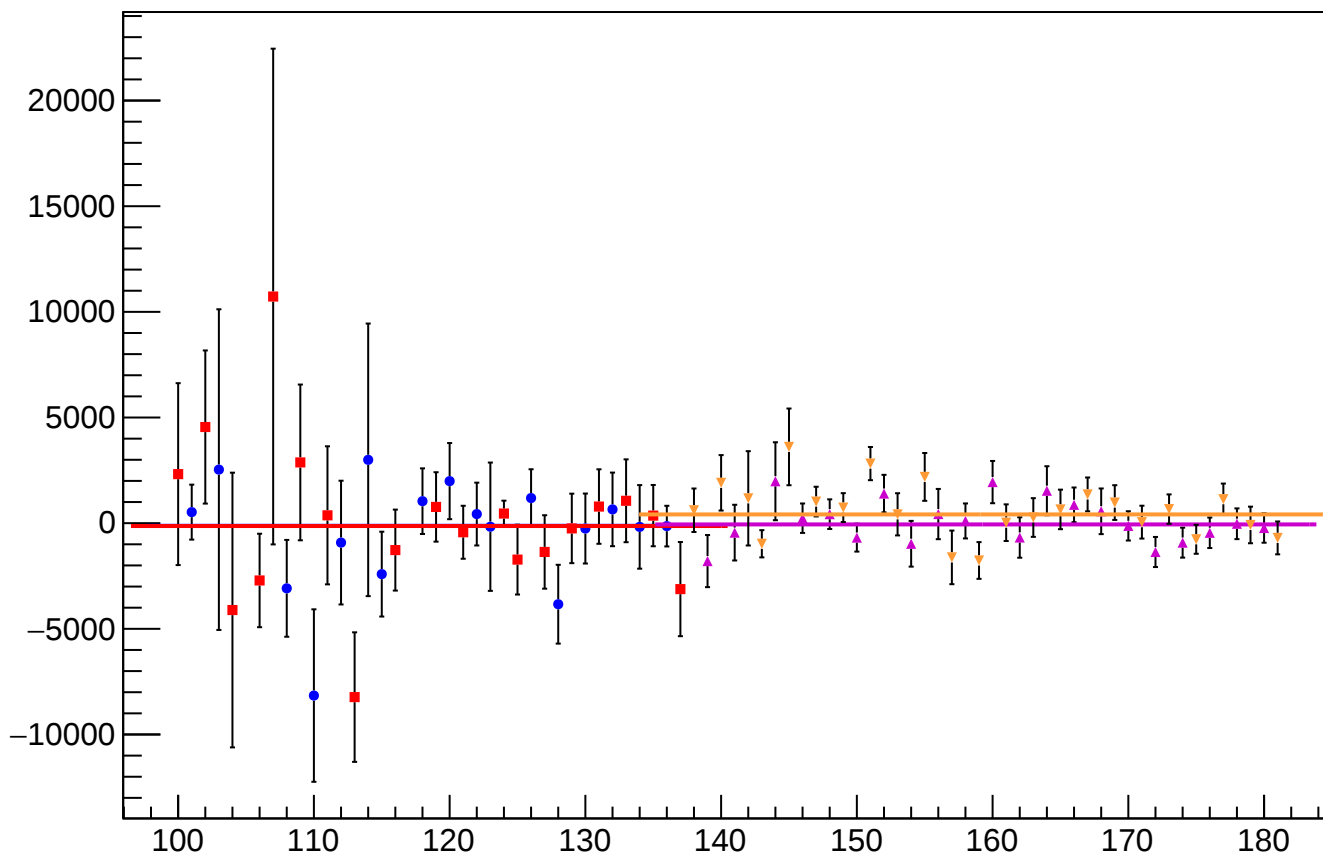
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2454.212+/-0.362 χ^2/NDF : 313097.1/37

Out: 2495.020+/-0.359 χ^2/NDF : 798433.4/41

All: 2474.787+/-0.255 χ^2/NDF : 1117953.8/79

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 414.329 ± 178.641 χ^2/NDF : 39.7/22

Right Out: -135.340 ± 379.439 χ^2/NDF : 17.9/18

Left In: -59.015 ± 184.783 χ^2/NDF : 21.6/20

Left: 185.654 ± 128.435 χ^2/NDF : 64.7/43

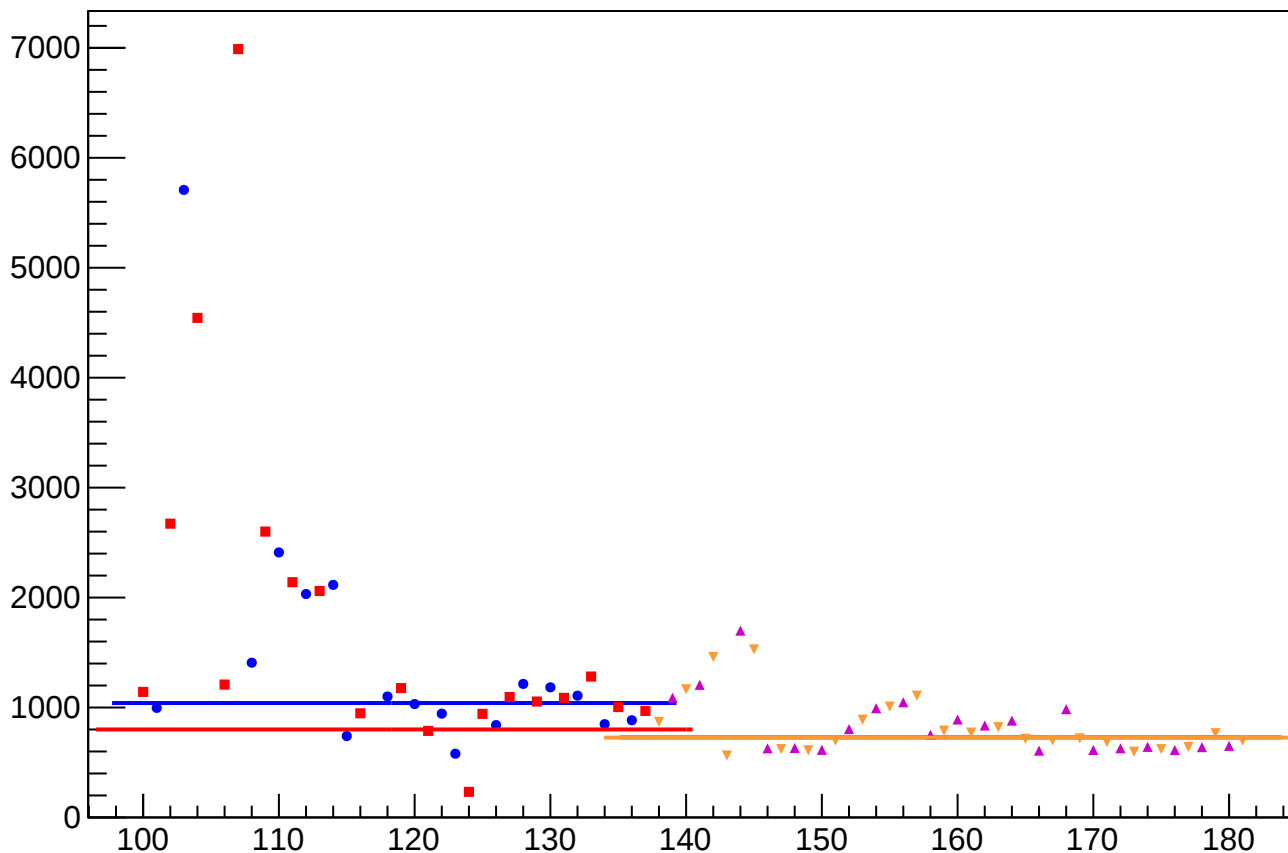
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: -69.188 ± 169.818 χ^2/NDF : 36.3/37

Out: 314.597 ± 161.625 χ^2/NDF : 59.3/41

All: 132.186 ± 117.075 χ^2/NDF : 98.3/79

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 726.237+/-0.126 χ^2/NDF : 1652738.2/22

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

Left In: 728.344+/-0.131 χ^2/NDF : 1903945.1/20

Left: 727.255+/-0.091 χ^2/NDF : 3556817.7/43

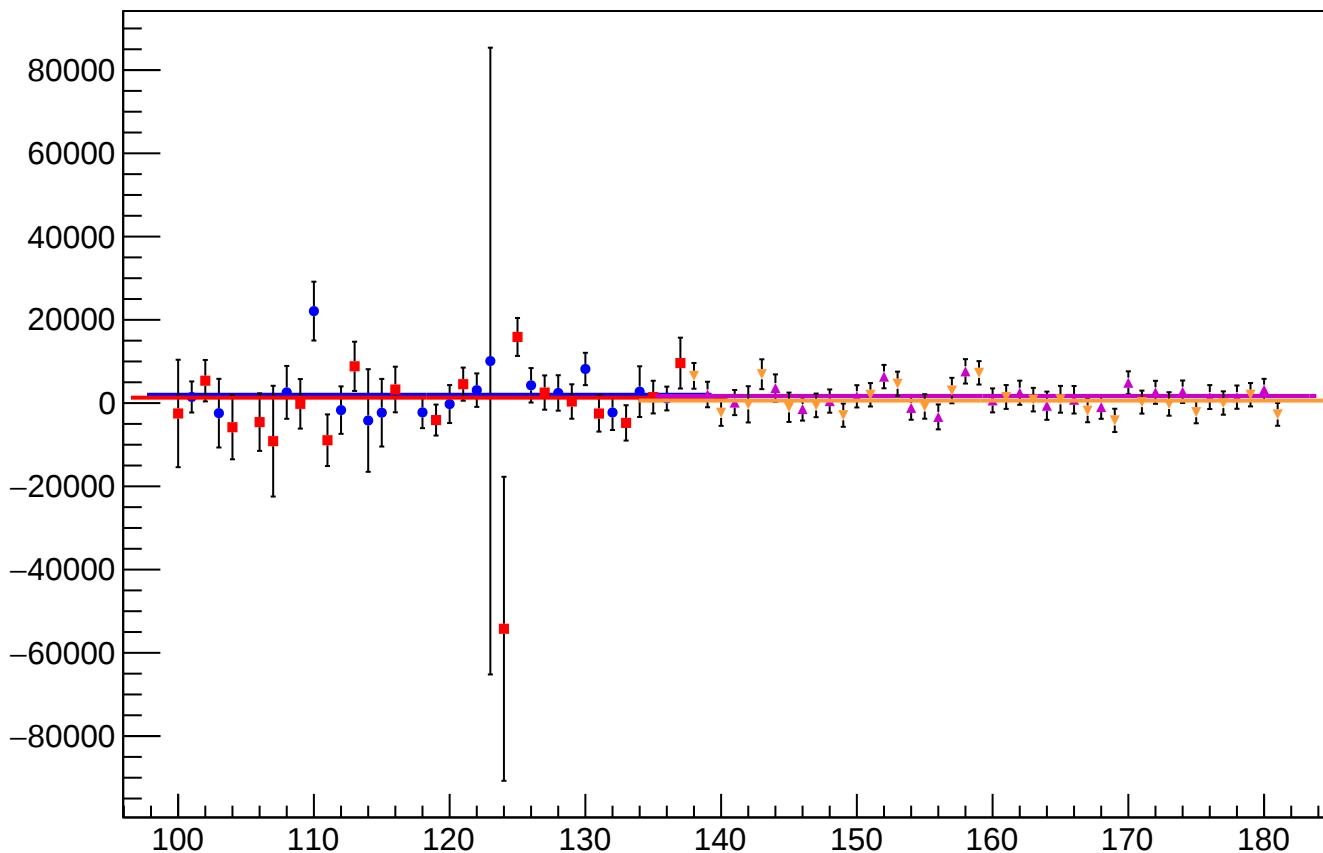
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 776.898+/-0.120 χ^2/NDF : 4365502.8/37

Out: 739.694+/-0.114 χ^2/NDF : 6902319.3/41

All: 757.377+/-0.083 χ^2/NDF : 11318191.1/79

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 605.586+/-614.588 χ^2/NDF : 25.0/22

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

Left In: 1711.281+/-629.577 χ^2/NDF : 16.3/20

Left: 1145.114+/-439.783 χ^2/NDF : 42.9/43

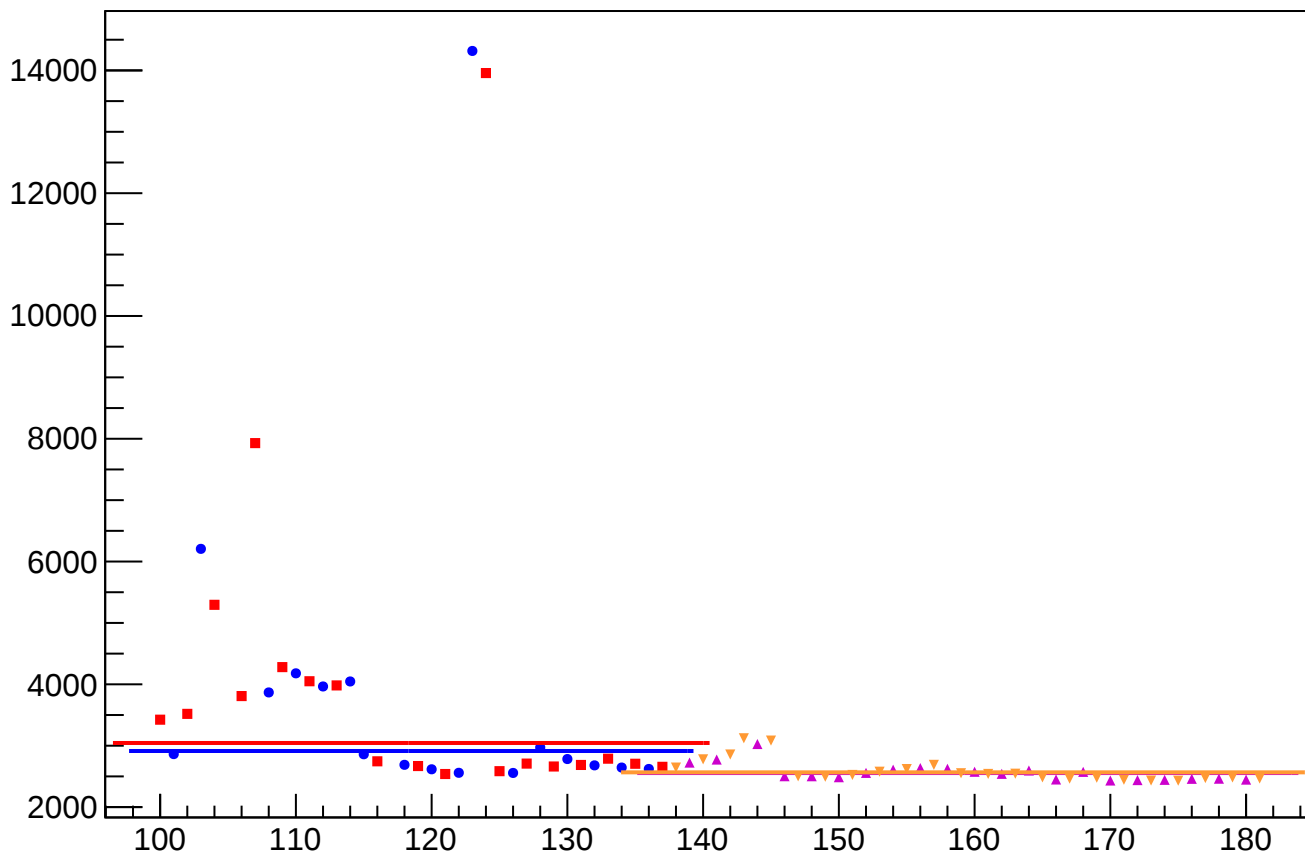
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1776.555+/-552.794 χ^2/NDF : 31.3/37

Out: 752.938+/-545.931 χ^2/NDF : 52.9/41

All: 1258.353+/-388.435 χ^2/NDF : 85.9/79

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2566.138+/-0.435 χ^2/NDF :143593.7/22

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

Left In: 2554.656+/-0.445 χ^2/NDF :85267.0/20

Left: 2560.536+/-0.311 χ^2/NDF : 229201.3/43

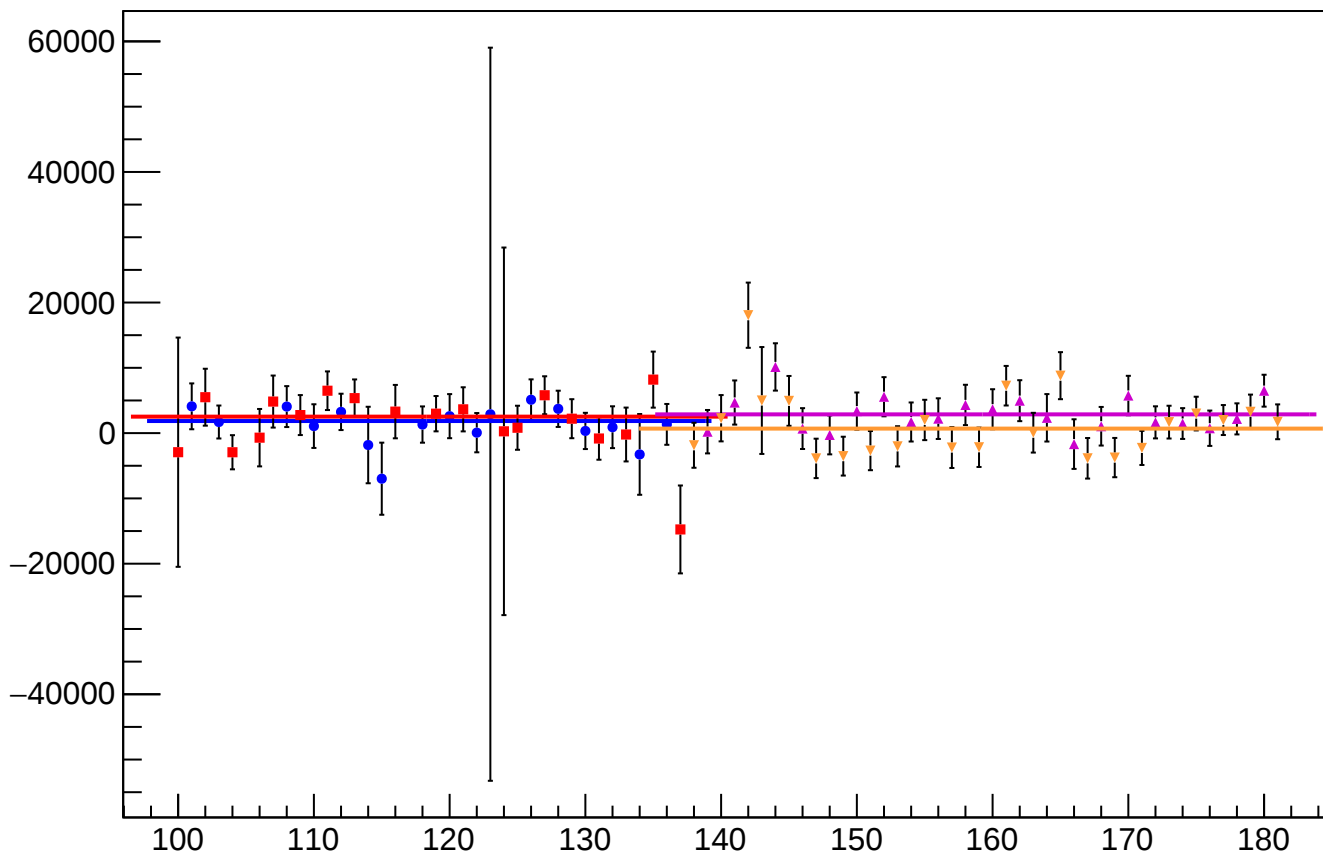
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2636.934+/-0.391 χ^2/NDF :873384.0/37

Out: 2667.040+/-0.386 χ^2/NDF :1404479.7/41

All: 2652.175+/-0.275 χ^2/NDF : 2280866.7/79

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 690.860 ± 634.890 χ^2/NDF : 40.4/22

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

Left In: 2871.302 ± 641.993 χ^2/NDF : 14.6/20

Left: 1768.952 ± 451.425 χ^2/NDF : 60.8/43

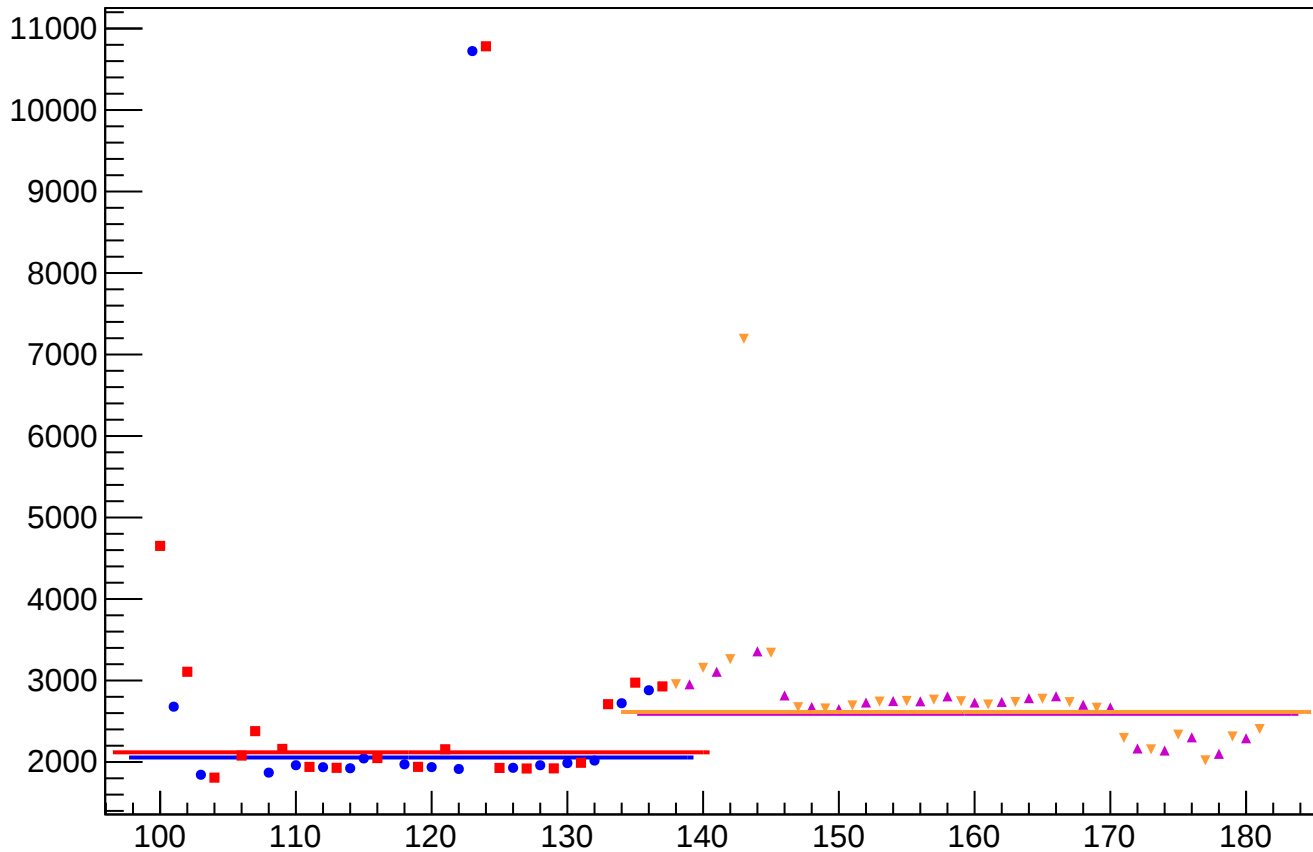
Right: 2181.863 ± 574.547 χ^2/NDF : 27.7/35

In: 2475.357 ± 502.348 χ^2/NDF : 22.8/37

Out: 1379.293 ± 501.647 χ^2/NDF : 63.7/41

All: 1926.560 ± 354.965 χ^2/NDF : 88.9/79

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2614.131 ± 0.449 χ^2/NDF : 1120907.0/22

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

Left In: 2591.370 ± 0.454 χ^2/NDF : 492448.1/20

Left: 2602.877 ± 0.319 χ^2/NDF : 1614626.0/43

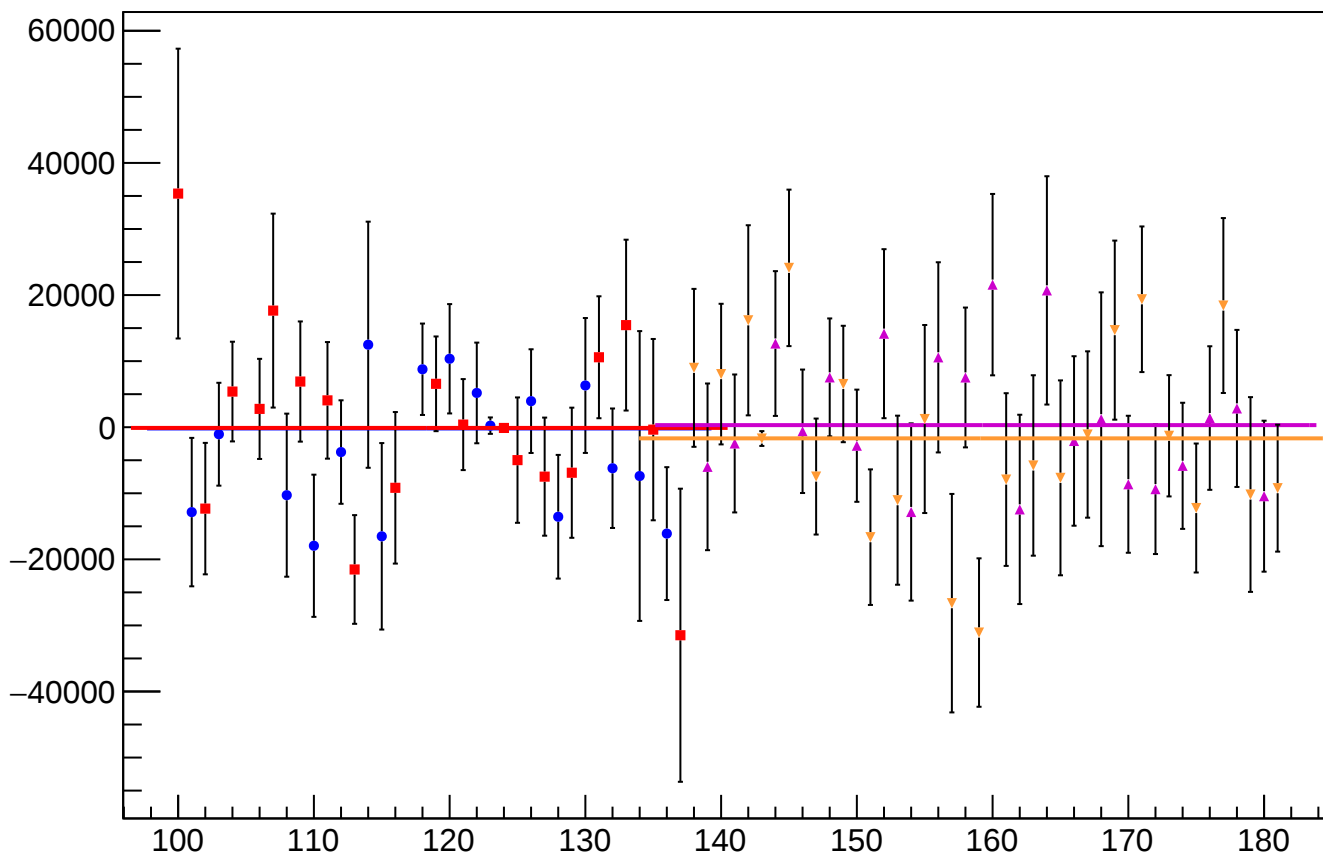
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2383.581 ± 0.355 χ^2/NDF : 1349208.1/37

Out: 2427.692 ± 0.355 χ^2/NDF : 2152839.6/41

All: 2405.680 ± 0.251 χ^2/NDF : 3509773.3/79

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1686.688+/-1021.116 χ^2/NDF : 31.1/22

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

Left In: 316.656+/-2474.771 χ^2/NDF : 13.2/20

Left: -1395.242+/-943.922 χ^2/NDF : 44.8/43

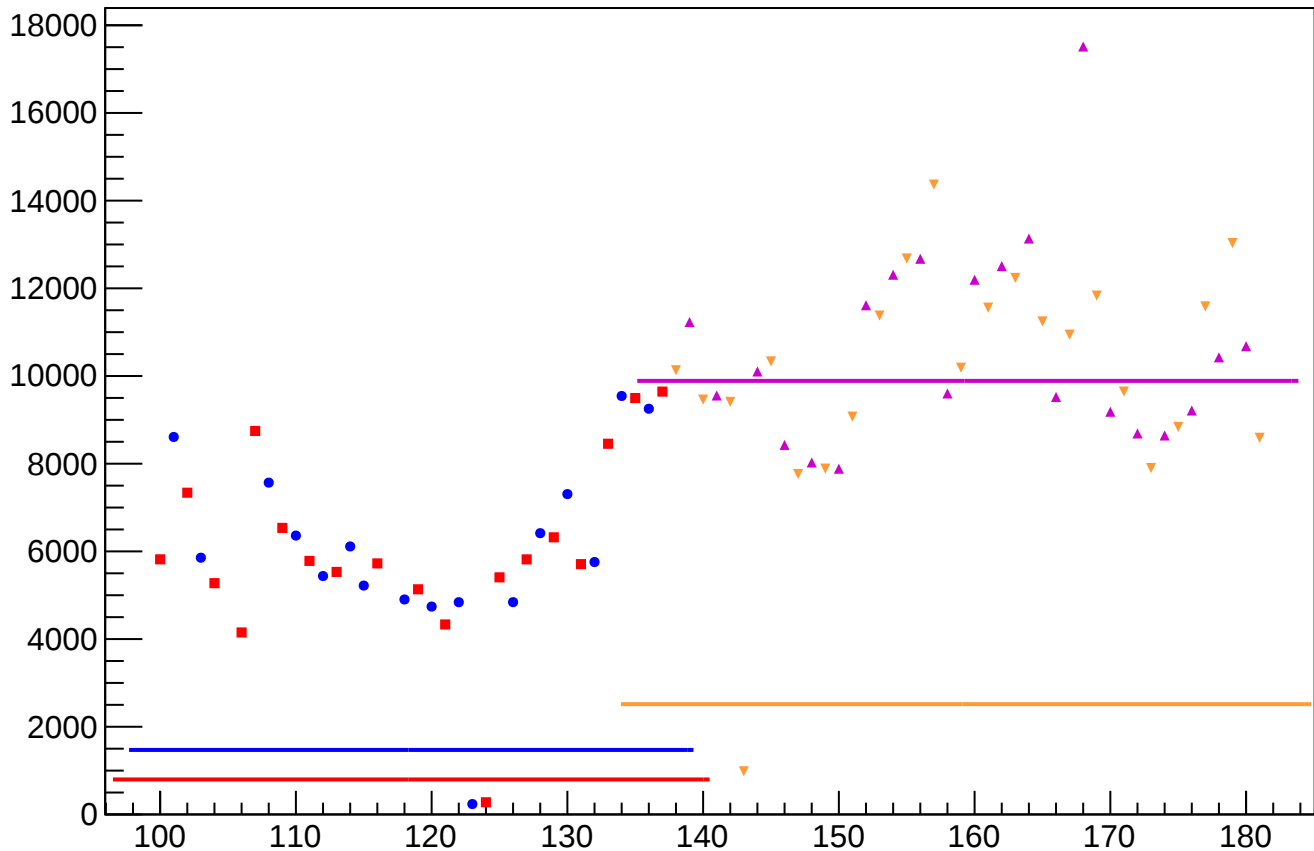
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -102.347+/-1005.772 χ^2/NDF : 29.6/37

Out: -602.638+/-572.074 χ^2/NDF : 54.3/41

All: -480.347+/-497.263 χ^2/NDF : 84.1/79

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2515.611+/-0.722 χ^2/NDF : 22575355.7/22

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9889.153+/-1.750 χ^2/NDF : 1055866.8/20

Left: 3588.311+/-0.667 χ^2/NDF : 38802939.1/43

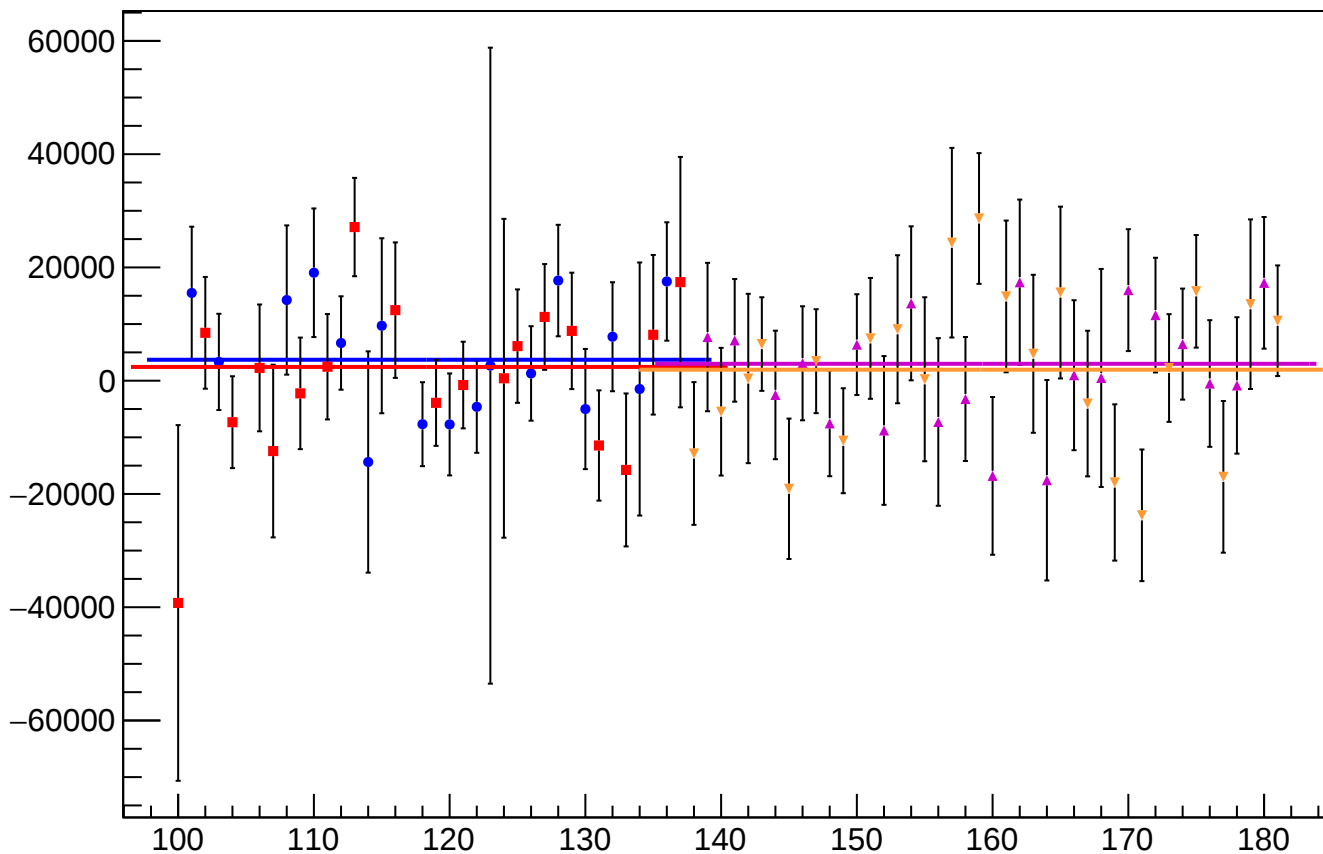
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 2861.928+/-0.711 χ^2/NDF : 30160658.6/37

Out: 1337.552+/-0.405 χ^2/NDF : 37982637.7/41

All: 1710.172+/-0.352 χ^2/NDF : 71614527.6/71

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 ± 2517.949 $\chi^2/\text{NDF}: 14.4/16$

Left Out: 1944.007 ± 2430.803 $\chi^2/\text{NDF}: 28.9/22$

Right Out: 2430.229 ± 2421.418 $\chi^2/\text{NDF}: 20.3/18$

Left In: 2982.347 ± 2558.761 $\chi^2/\text{NDF}: 12.5/20$

Left: 2436.566 ± 1762.338 $\chi^2/\text{NDF}: 41.5/43$

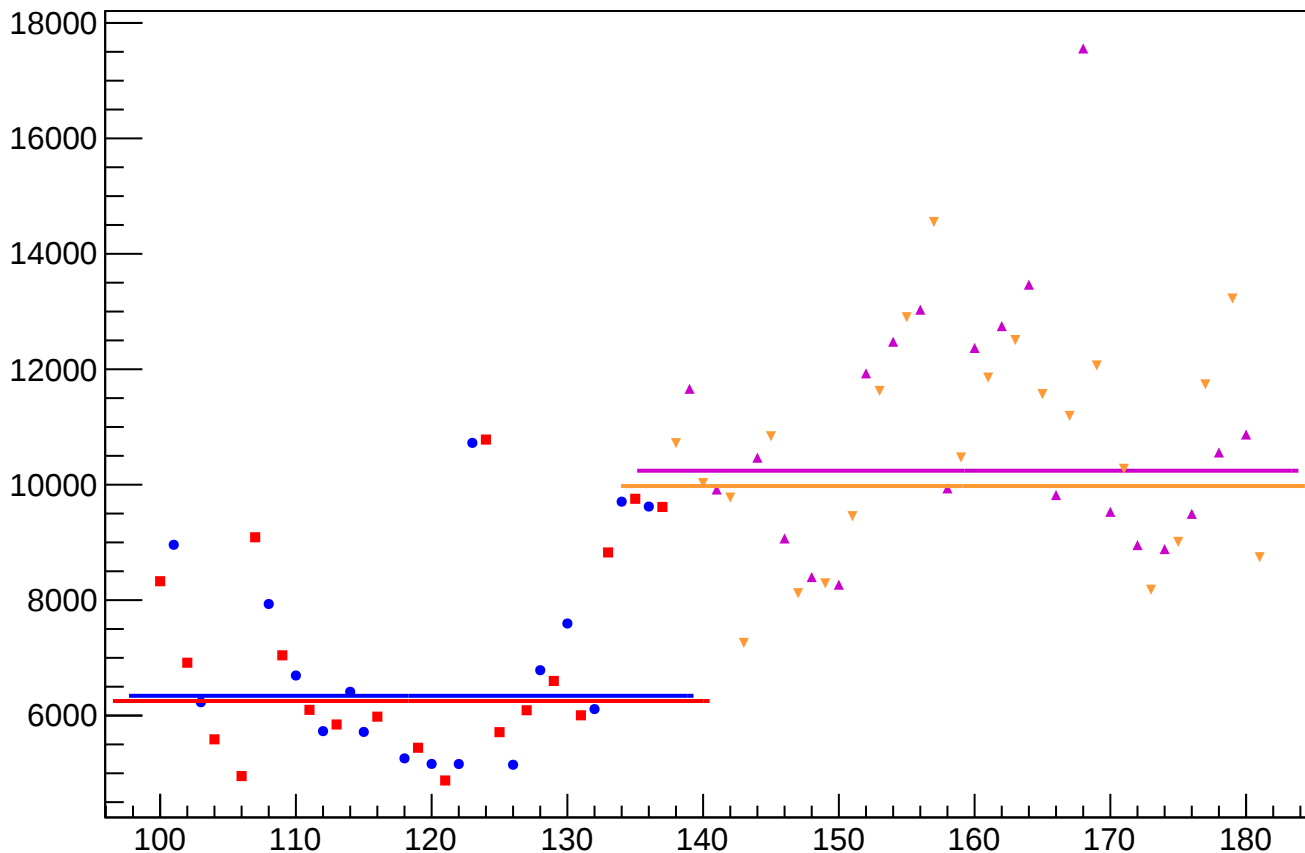
Right: 3039.559 ± 1745.330 $\chi^2/\text{NDF}: 34.8/35$

In: 3346.150 ± 1794.714 $\chi^2/\text{NDF}: 27.0/37$

Out: 2188.059 ± 1715.510 $\chi^2/\text{NDF}: 49.2/41$

All: 2740.986 ± 1240.104 $\chi^2/\text{NDF}: 76.4/79$

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9976.890+/-1.719 χ^2/NDF : 1095847.4/22

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

Left In: 10242.268+/-1.809 χ^2/NDF : 947675.3/20

Left: 10102.778+/-1.246 χ^2/NDF : 2054830.5/43

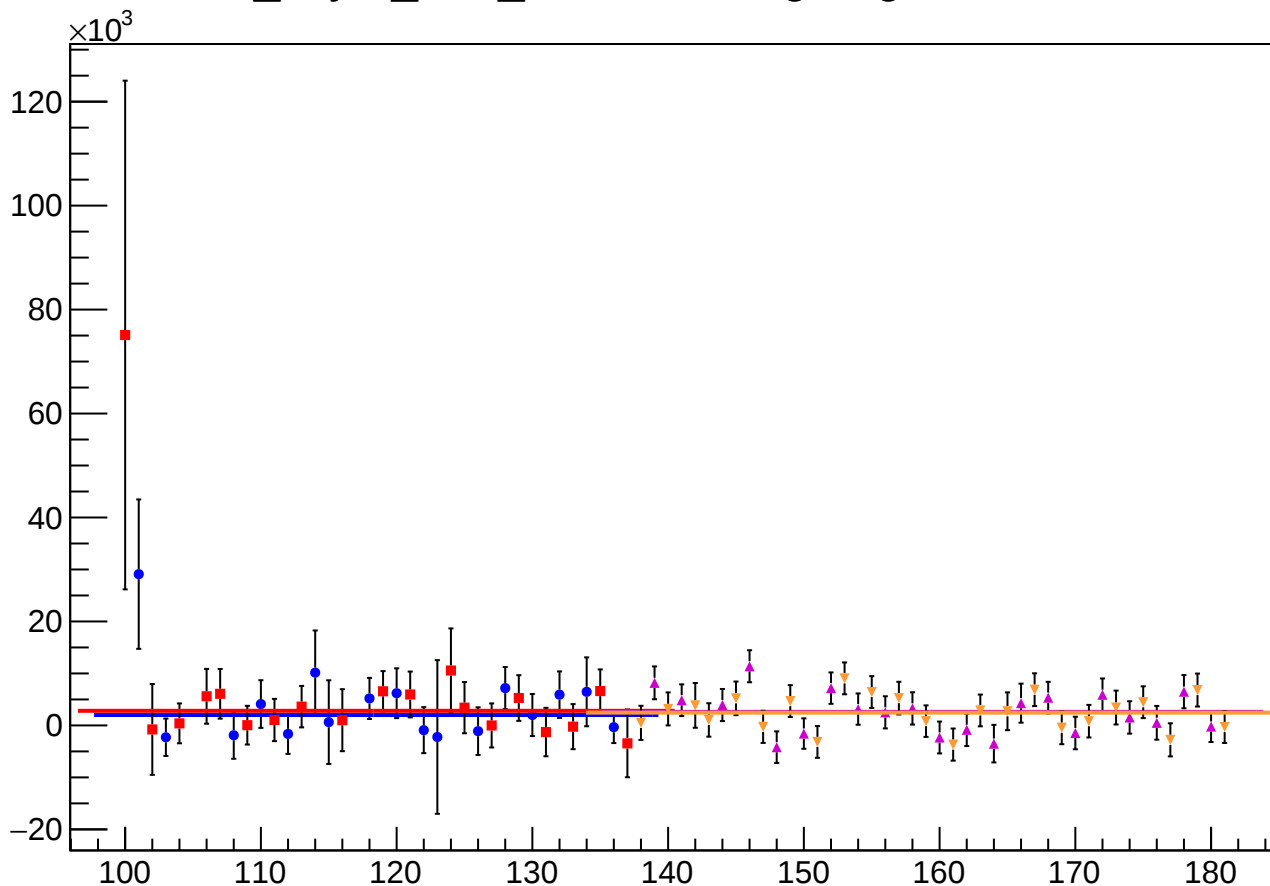
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8260.938+/-1.269 χ^2/NDF : 3901742.3/37

Out: 8107.223+/-1.213 χ^2/NDF : 3991054.2/41

All: 8180.612+/-0.877 χ^2/NDF : 7900463.3/79

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2463.441 $\pm$ 662.928 χ^2 /NDF: 26.5/22

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2607.715 $\pm$ 682.265 χ^2 /NDF: 34.7/20

Left: 2533.505 $\pm$ 475.450 χ^2 /NDF: 61.3/43

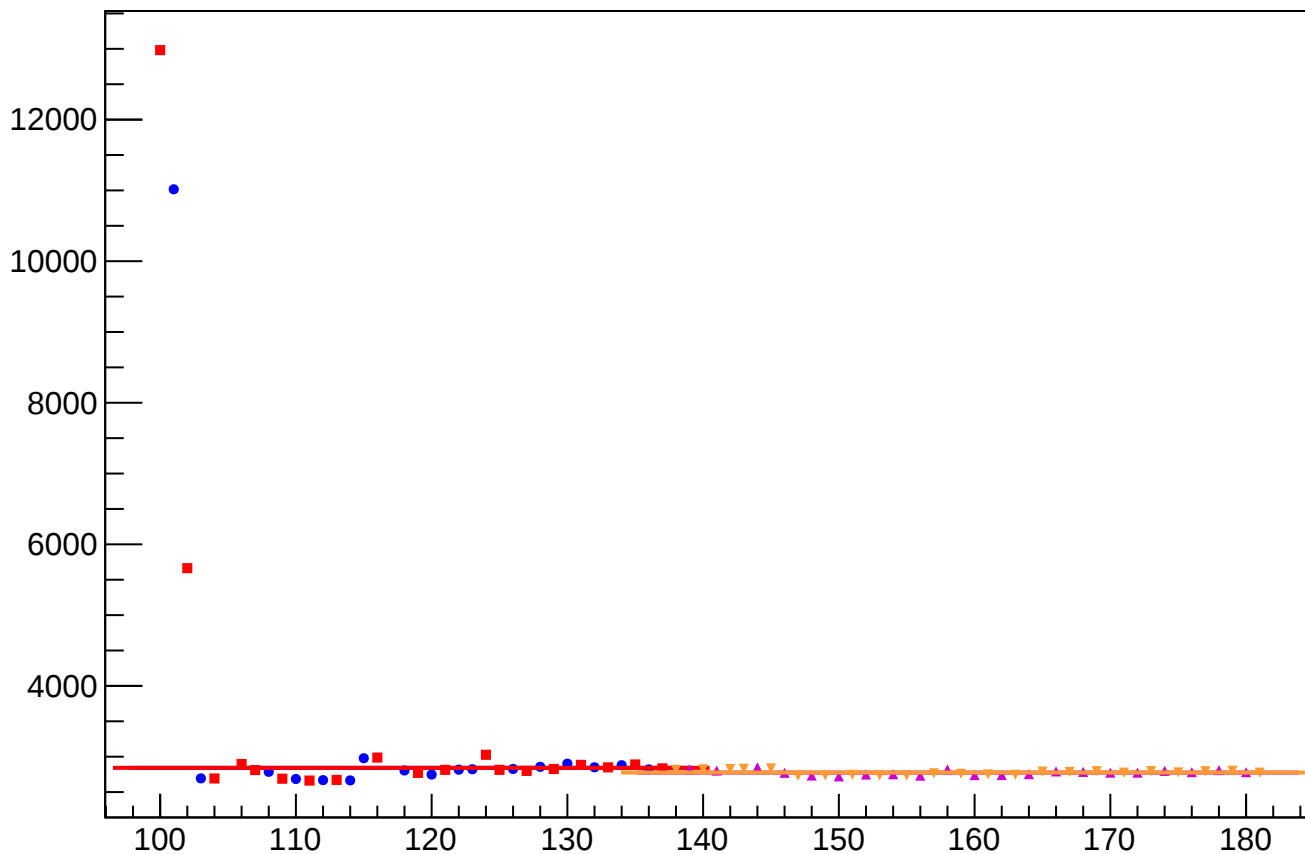
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2445.629 $\pm$ 583.429 χ^2 /NDF: 48.6/37

Out: 2557.914 $\pm$ 565.913 χ^2 /NDF: 37.1/41

All: 2503.483 $\pm$ 406.212 χ^2 /NDF: 85.8/79

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2776.096+/-0.469 χ^2/NDF : 4879.6/22

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

Left In: 2775.226+/-0.482 χ^2/NDF : 4967.5/20

Left: 2775.674+/-0.336 χ^2/NDF : 9848.8/43

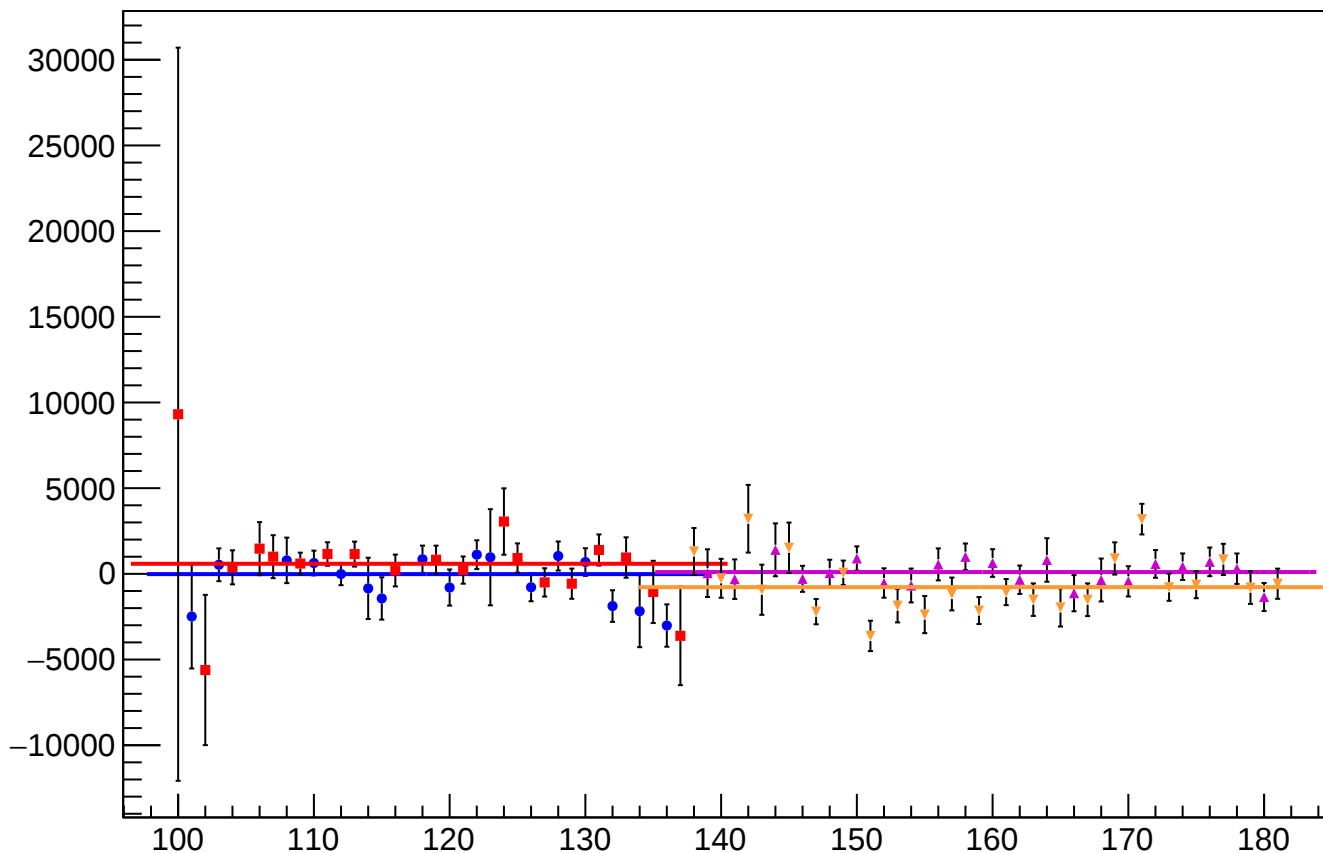
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.340+/-0.413 χ^2/NDF : 670518.3/37

Out: 2794.094+/-0.400 χ^2/NDF : 322649.1/41

All: 2793.728+/-0.287 χ^2/NDF : 993169.1/79

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -776.338 ± 195.698 χ^2/NDF : 59.7/22

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 104.960 ± 195.814 χ^2/NDF : 12.2/20

Left: -335.950 ± 138.420 χ^2/NDF : 82.0/43

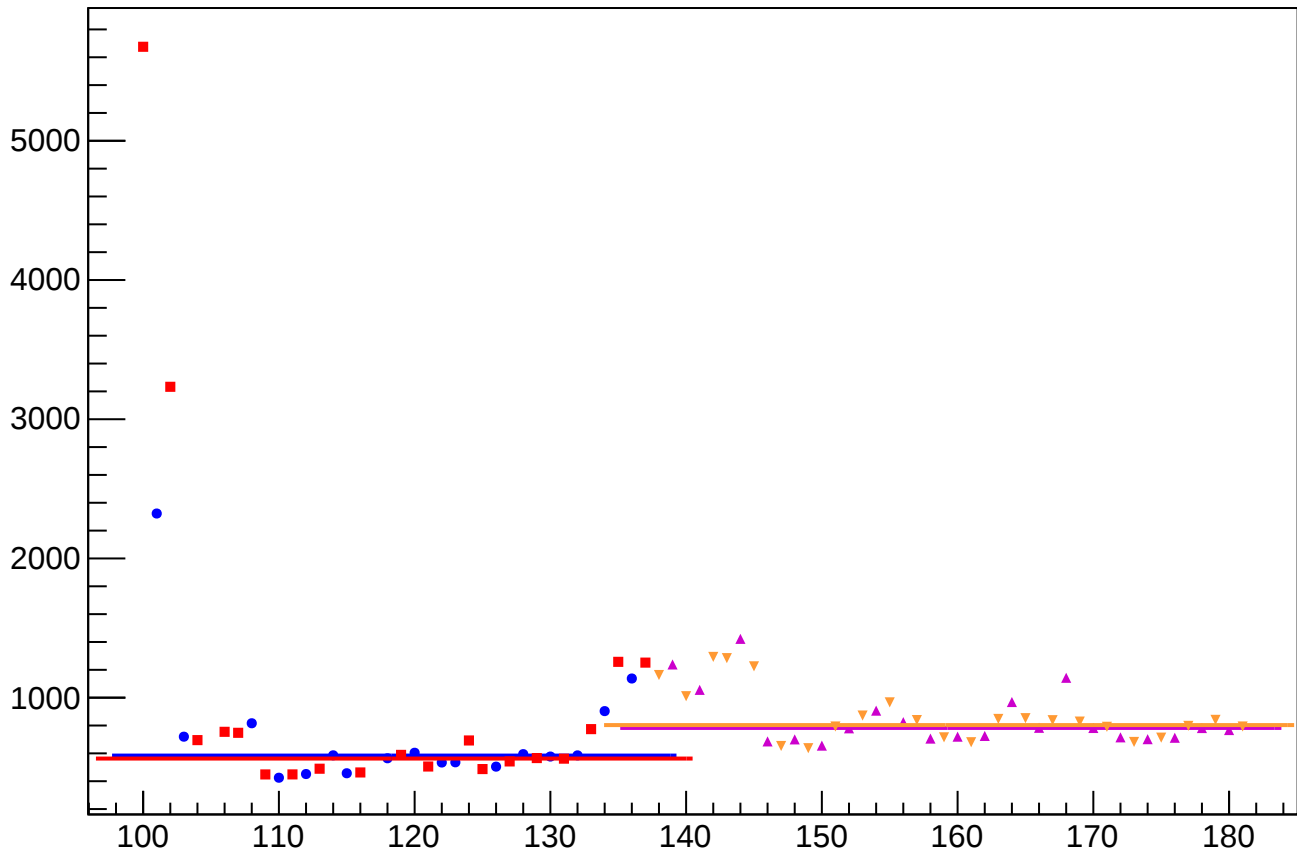
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 56.491 ± 151.433 χ^2/NDF : 34.0/37

Out: -190.857 ± 147.885 χ^2/NDF : 94.0/41

All: -70.114 ± 105.803 χ^2/NDF : 129.4/79

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 ± 0.169 χ^2/NDF : 1436613.4/16

Left Out: 803.106 ± 0.138 χ^2/NDF : 1123967.2/22

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

Left In: 782.615 ± 0.138 χ^2/NDF : 1126129.9/20

Left: 792.867 ± 0.098 χ^2/NDF : 2261053.5/43

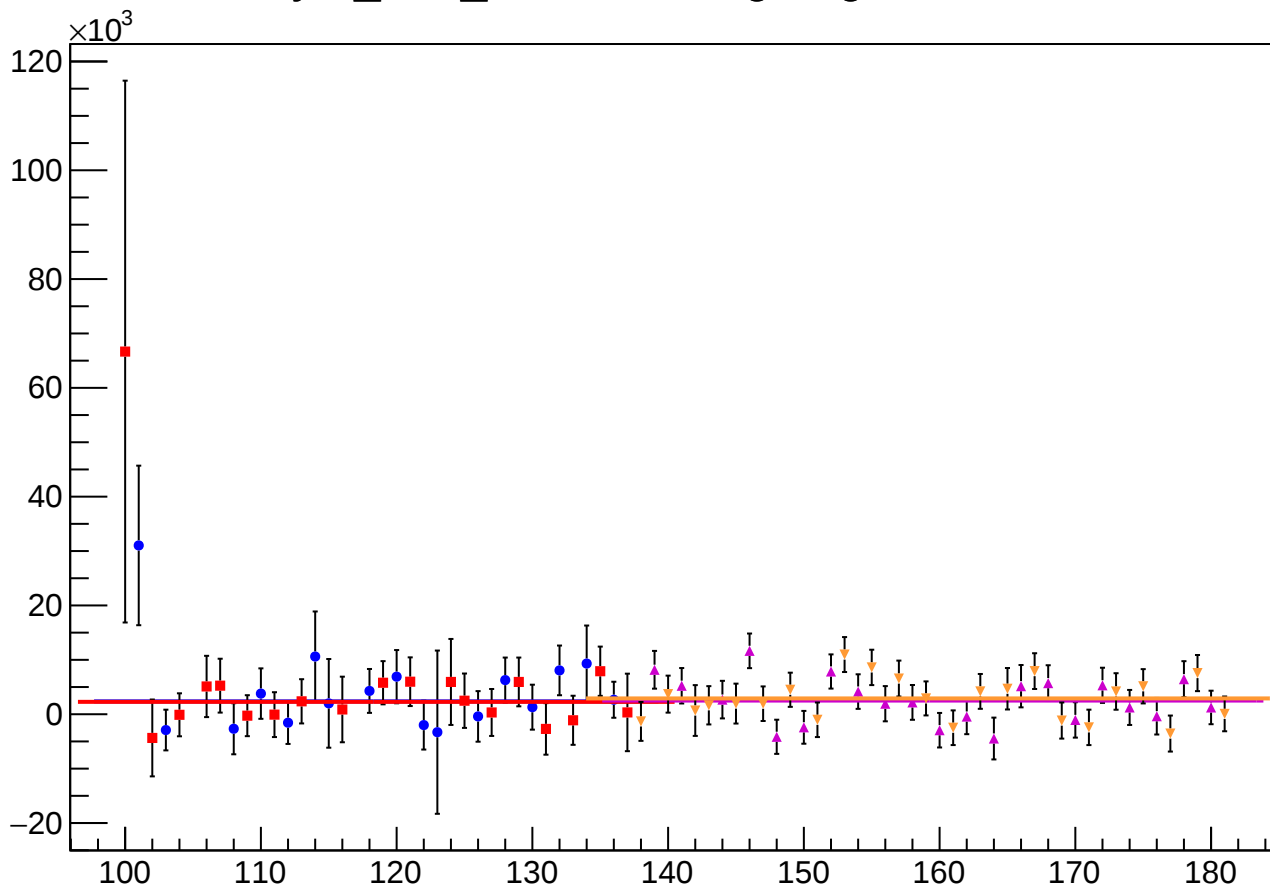
Right: 572.773 ± 0.116 χ^2/NDF : 3084624.9/35

In: 702.809 ± 0.107 χ^2/NDF : 3389302.5/37

Out: 699.980 ± 0.105 χ^2/NDF : 4058268.0/41

All: 701.361 ± 0.075 χ^2/NDF : 7447927.7/79

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2906.646 $\pm$ 696.311 χ^2 /NDF: 31.3/22

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2514.085 $\pm$ 714.761 χ^2 /NDF: 34.9/20

Left: 2715.497 $\pm$ 498.761 χ^2 /NDF: 66.3/43

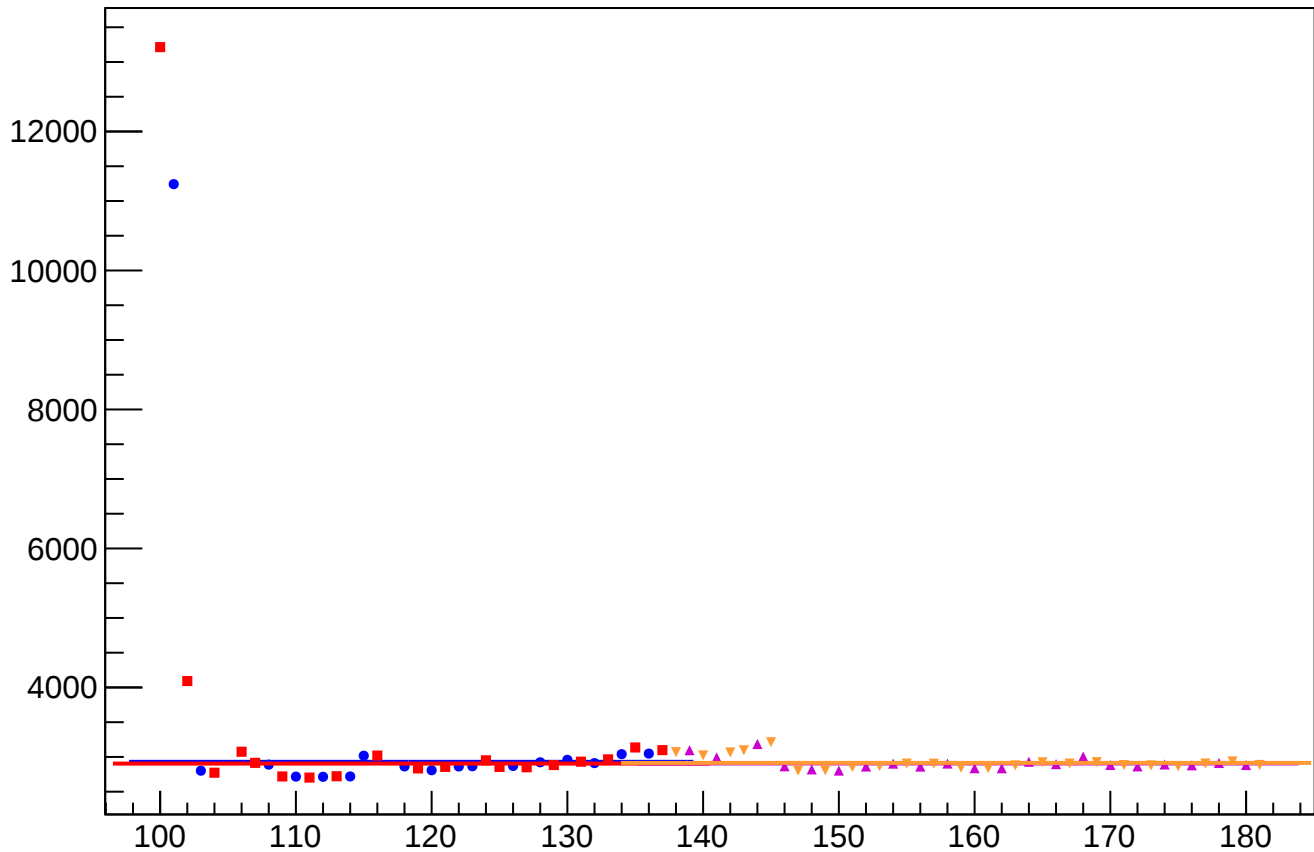
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2472.449 $\pm$ 608.510 χ^2 /NDF: 50.0/37

Out: 2729.364 $\pm$ 590.106 χ^2 /NDF: 41.8/41

All: 2604.850 $\pm$ 423.625 χ^2 /NDF: 91.8/79

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.337+/-0.492 χ^2/NDF : 35847.6/22

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2906.286+/-0.505 χ^2/NDF : 29971.2/20

Left: 2910.417+/-0.353 χ^2/NDF : 65949.0/43

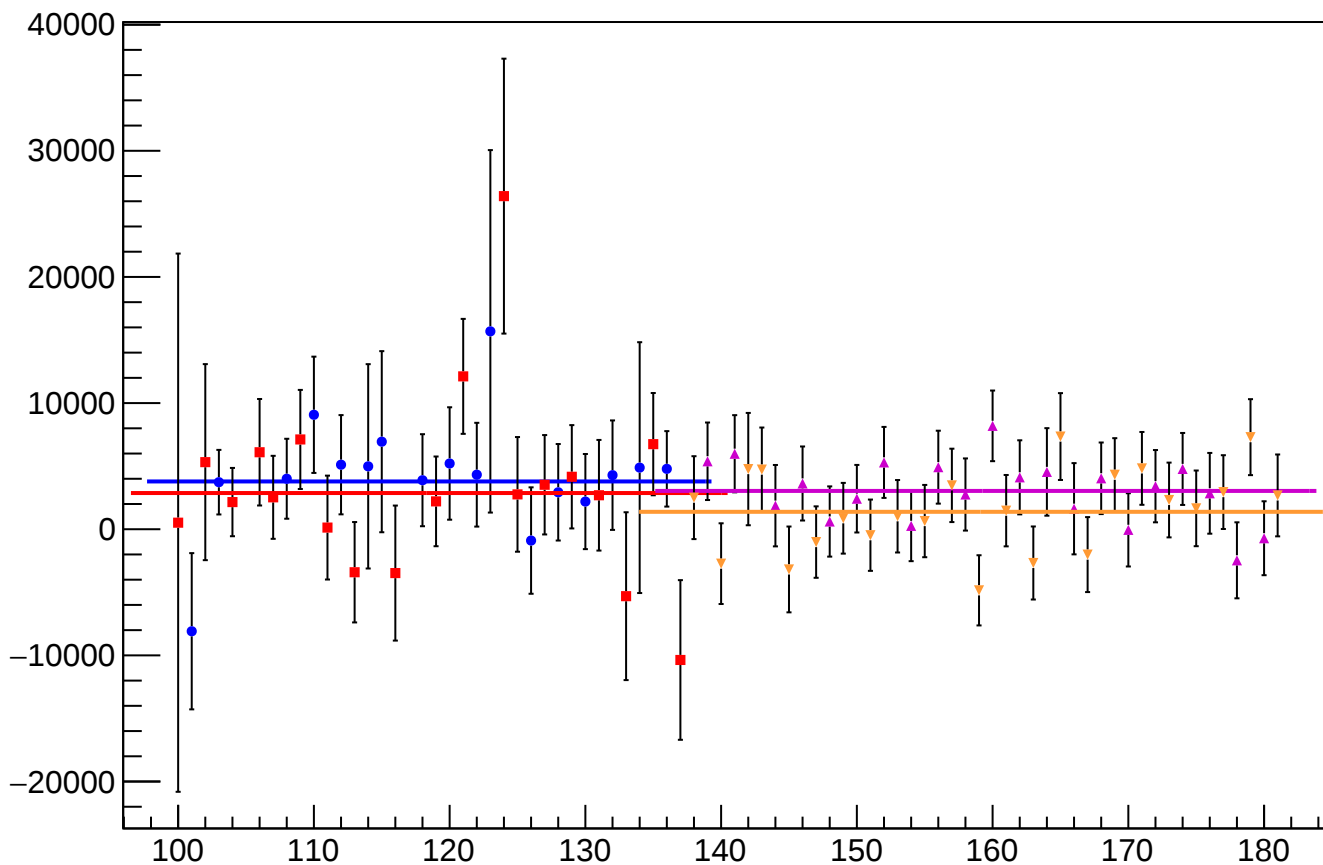
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2912.717+/-0.430 χ^2/NDF : 693188.6/37

Out: 2911.585+/-0.417 χ^2/NDF : 205247.1/41

All: 2912.133+/-0.300 χ^2/NDF : 898439.3/79

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1380.962+/-630.821 χ^2/NDF : 25.1/22

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3036.531+/-644.920 χ^2/NDF : 15.0/20

Left: 2190.453+/-450.960 χ^2/NDF : 43.5/43

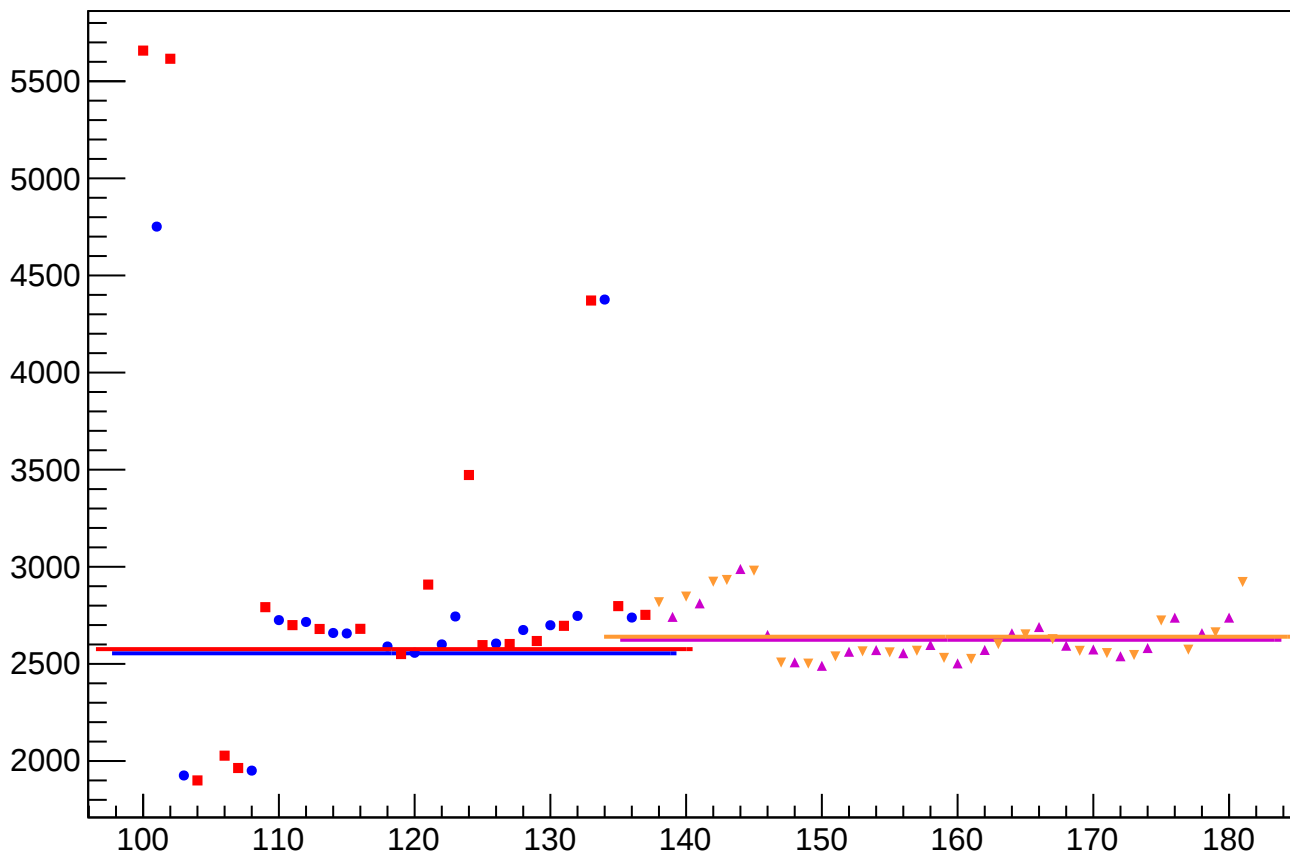
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3254.712+/-543.265 χ^2/NDF : 23.2/37

Out: 1802.891+/-533.984 χ^2/NDF : 48.7/41

All: 2516.294+/-380.823 χ^2/NDF : 75.5/79

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2639.914 $\pm$ 0.446 χ^2/NDF : 103207.4/22

Right Out: 2576.077 $\pm$ 0.709 χ^2/NDF : 765156.6/18

Left In: 2624.214 $\pm$ 0.456 χ^2/NDF : 61685.5/20

Left: 2632.237 $\pm$ 0.319 χ^2/NDF : 165498.6/43

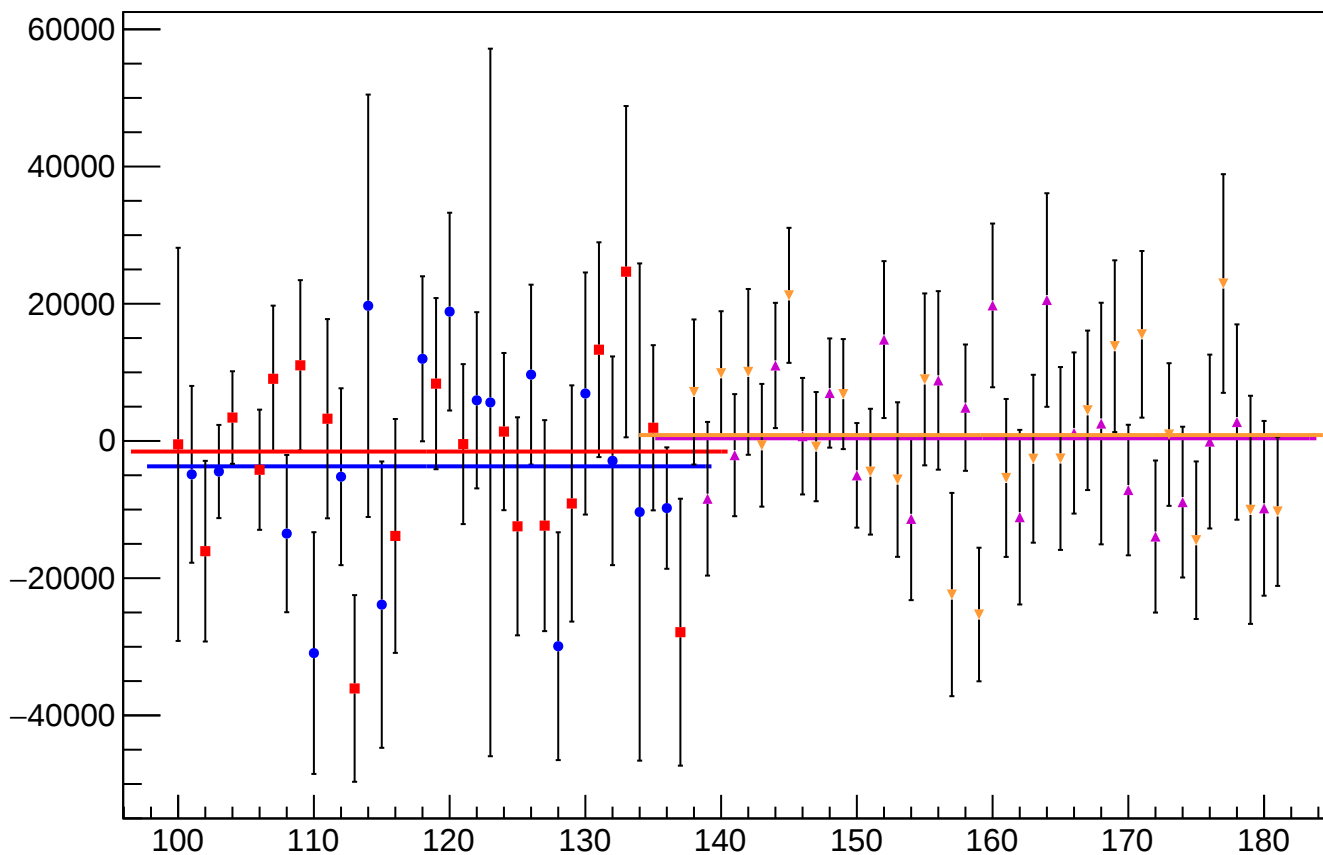
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2603.979 $\pm$ 0.384 χ^2/NDF : 605090.9/37

Out: 2621.808 $\pm$ 0.378 χ^2/NDF : 874172.9/41

All: 2613.049 $\pm$ 0.269 χ^2/NDF : 1480359.5/79

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 858.058+/-2254.522 χ^2/NDF : 25.9/22

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 388.698+/-2327.926 χ^2/NDF : 15.3/20

Left: 630.894+/-1619.517 χ^2/NDF : 41.2/43

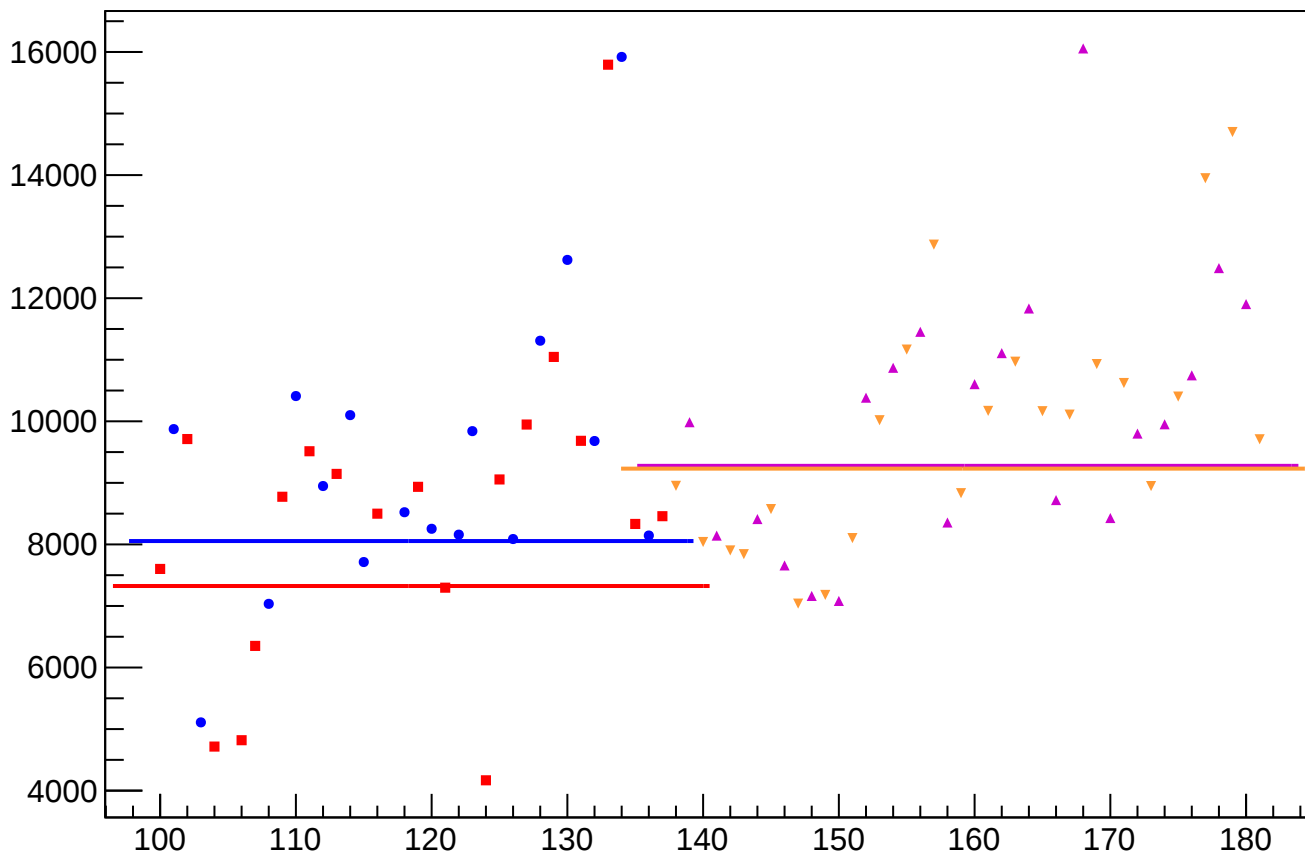
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -1015.853+/-1886.108 χ^2/NDF : 30.2/37

Out: -48.367+/-1779.190 χ^2/NDF : 43.1/41

All: -503.912+/-1294.225 χ^2/NDF : 73.4/79

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9231.167 $\pm$ 1.594 χ^2 /NDF:1167613.0/22

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9276.389 $\pm$ 1.646 χ^2 /NDF:1231685.1/20

Left: 9253.054 $\pm$ 1.145 χ^2 /NDF: 2399687.6/43

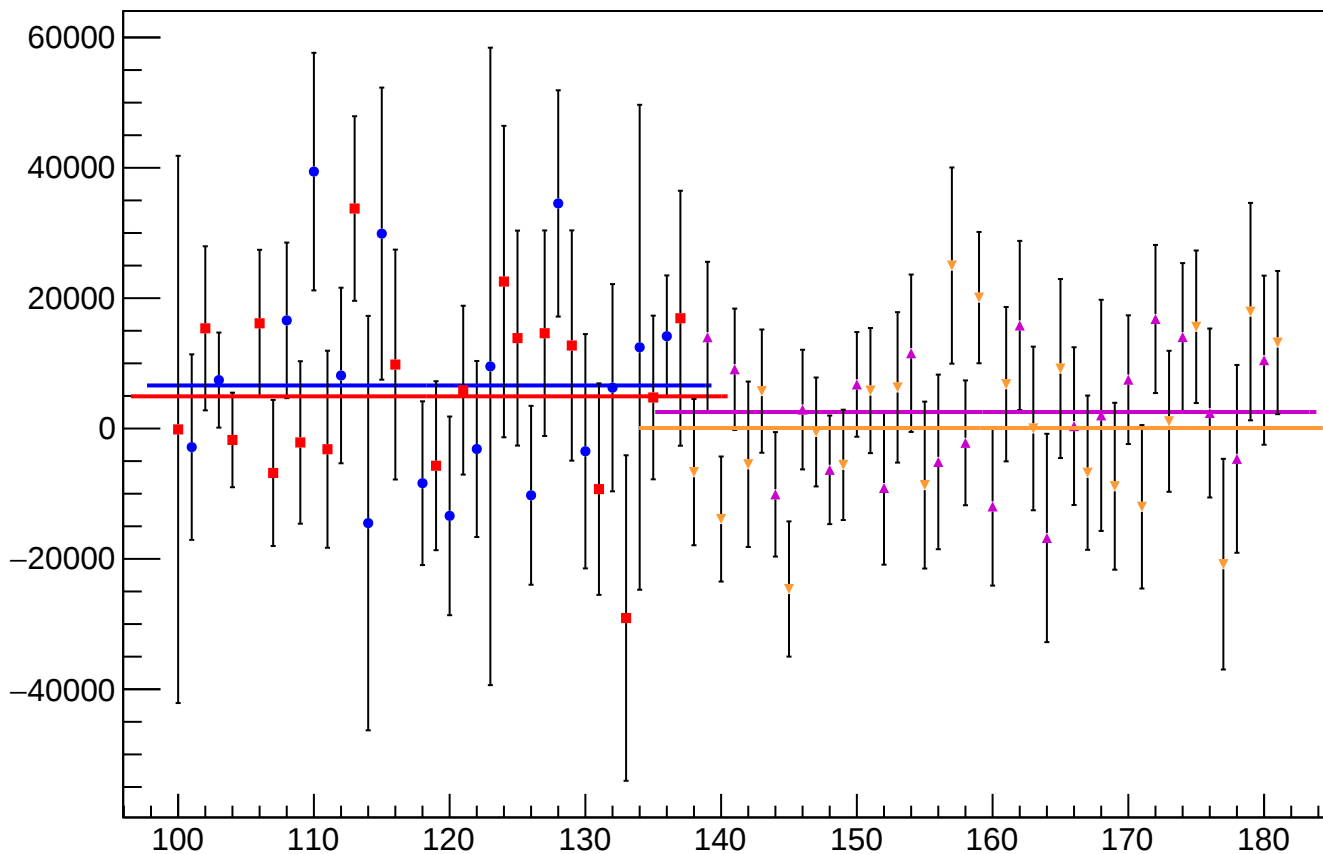
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8856.690 $\pm$ 1.334 χ^2 /NDF:2241667.5/37

Out: 8511.858 $\pm$ 1.258 χ^2 /NDF:3043467.0/41

All: 8674.224 $\pm$ 0.915 χ^2 /NDF: 5320508.8/79

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 ± 3395.867 χ^2/NDF : 14.7/16

Left Out: 76.921 ± 2341.063 χ^2/NDF : 25.5/22

Right Out: 4938.727 ± 3167.808 χ^2/NDF : 13.6/18

Left In: 2532.318 ± 2414.880 χ^2/NDF : 14.2/20

Left: 1266.518 ± 1680.872 χ^2/NDF : 40.2/43

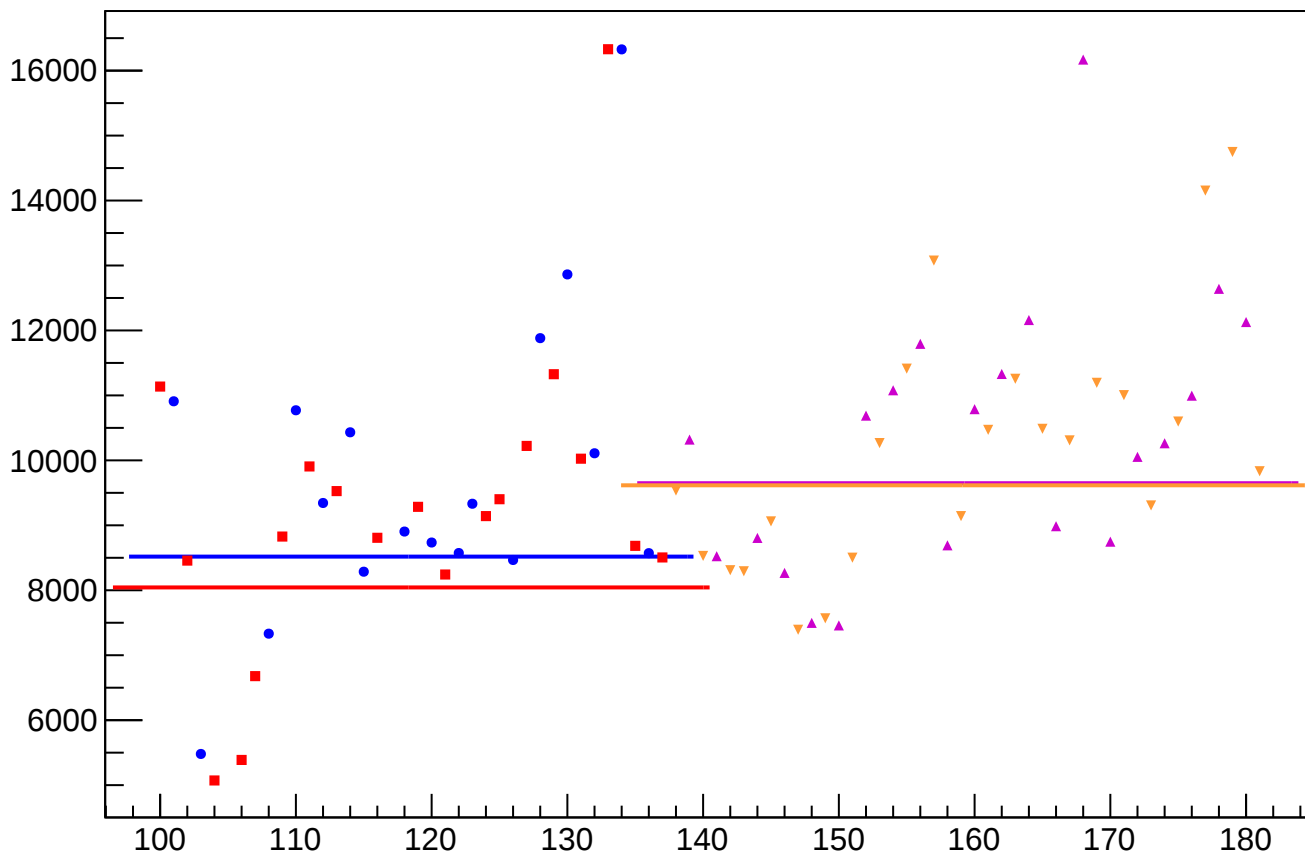
Right: 5715.122 ± 2316.410 χ^2/NDF : 28.4/35

In: 3900.934 ± 1968.008 χ^2/NDF : 29.9/37

Out: 1794.259 ± 1882.729 χ^2/NDF : 40.6/41

All: 2800.964 ± 1360.440 χ^2/NDF : 71.0/79

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2 /NDF: 771995.0/16

Left Out: 9616.015 $\pm$ 1.655 χ^2 /NDF: 1011193.8/22

Right Out: 8043.754 $\pm$ 2.240 χ^2 /NDF: 953572.9/18

Left In: 9648.208 $\pm$ 1.708 χ^2 /NDF: 1077093.8/20

Left: 9631.612 $\pm$ 1.189 χ^2 /NDF: 2088470.8/43

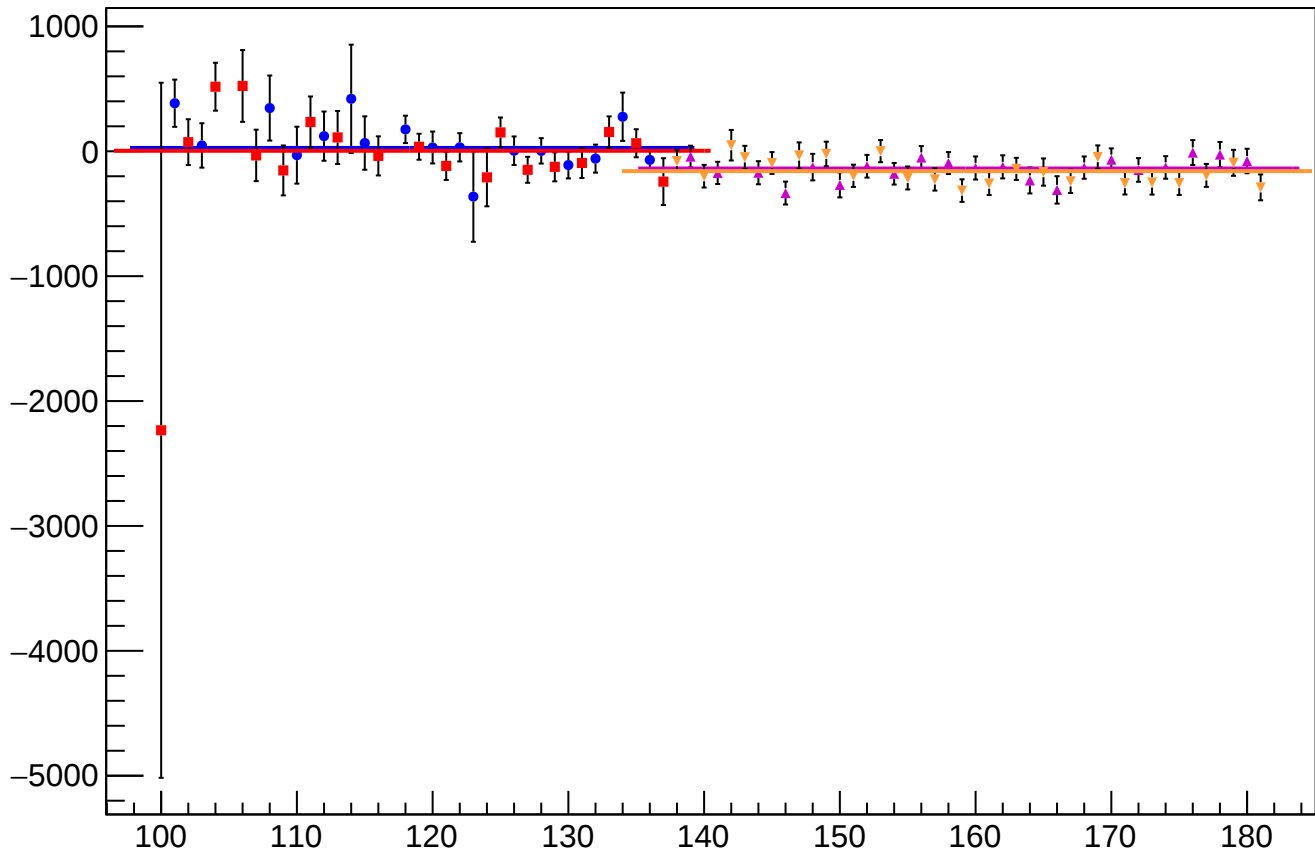
Right: 8264.537 $\pm$ 1.638 χ^2 /NDF: 1746449.5/35

In: 9268.713 $\pm$ 1.392 χ^2 /NDF: 1996150.1/37

Out: 9060.619 $\pm$ 1.331 χ^2 /NDF: 2283429.7/41

All: 9160.059 $\pm$ 0.962 χ^2 /NDF: 4291255.6/79

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -158.871 ± 19.670 χ^2/NDF : 25.2/22

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -138.101 ± 20.508 χ^2/NDF : 16.4/20

Left: -148.919 ± 14.196 χ^2/NDF : 42.2/43

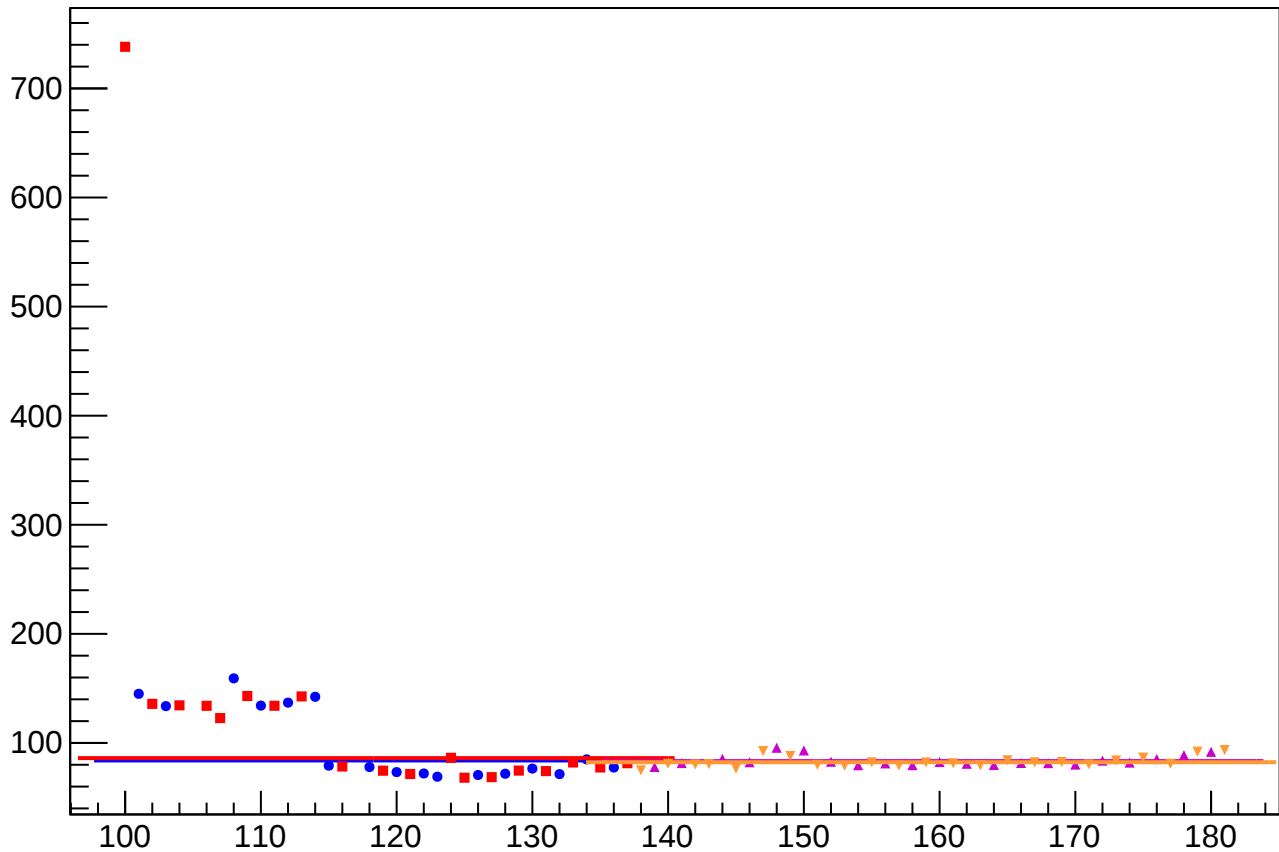
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -93.417 ± 17.509 χ^2/NDF : 48.5/37

Out: -117.736 ± 17.006 χ^2/NDF : 67.1/41

All: -105.931 ± 12.199 χ^2/NDF : 116.6/79

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 82.330 $\pm$ 0.014 χ^2 /NDF: 106203.5/22

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.356 $\pm$ 0.015 χ^2 /NDF: 93313.4/20

Left: 82.822 $\pm$ 0.010 χ^2 /NDF: 202122.0/43

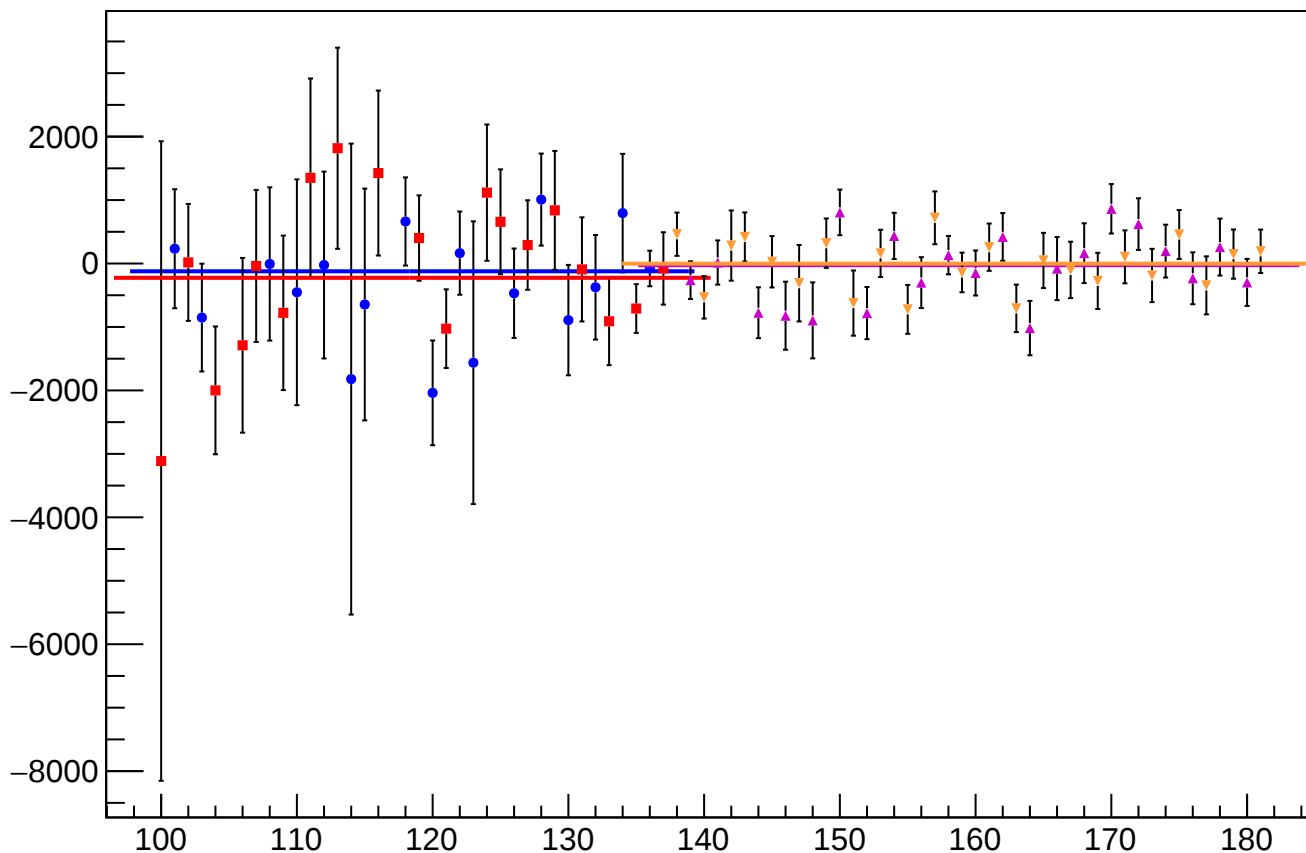
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.520 $\pm$ 0.012 χ^2 /NDF: 1054038.6/37

Out: 83.284 $\pm$ 0.012 χ^2 /NDF: 1261067.1/41

All: 83.399 $\pm$ 0.009 χ^2 /NDF: 2315291.6/79

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -1.849+/-83.154 χ^2/NDF : 22.3/22

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -26.477+/-85.741 χ^2/NDF : 35.8/20

Left: -13.786+/-59.692 χ^2/NDF : 58.2/43

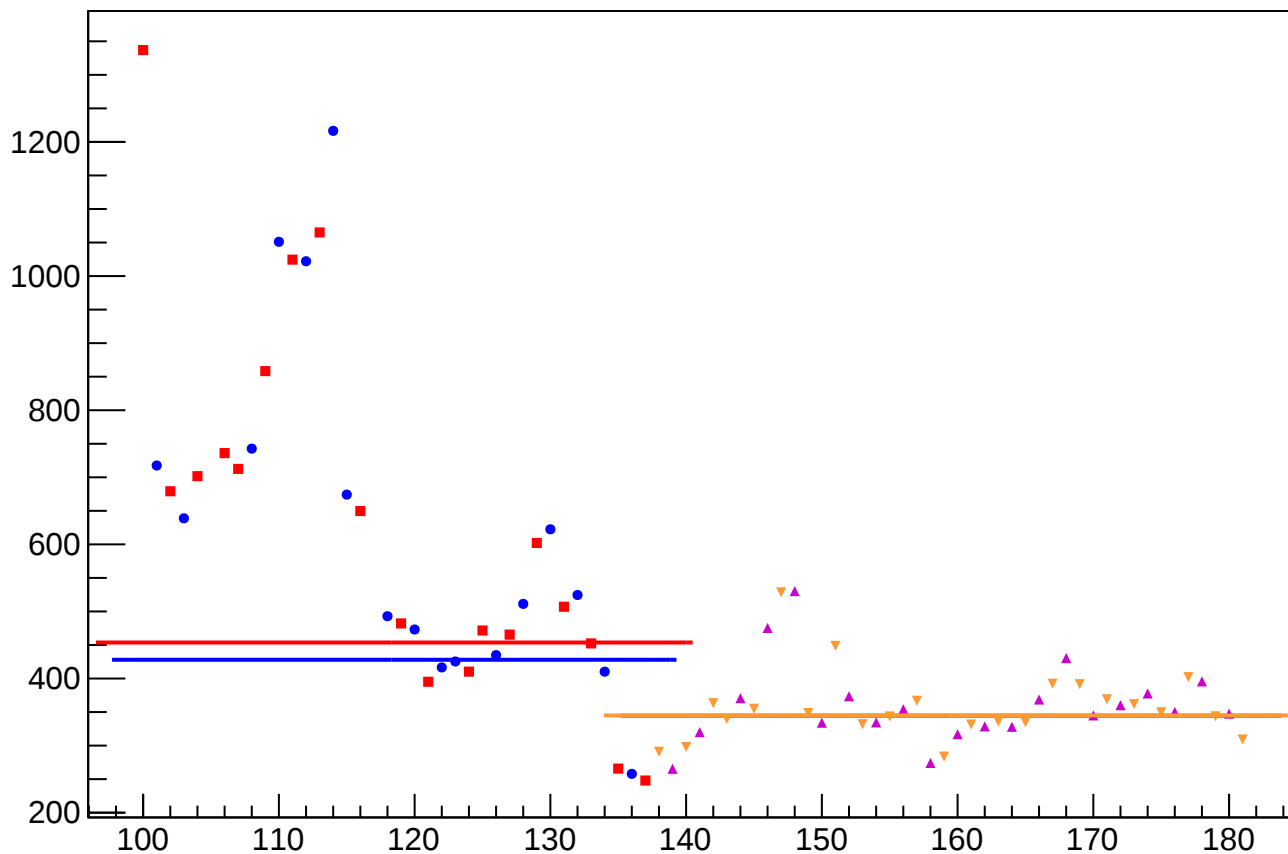
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -44.285+/-77.375 χ^2/NDF : 49.1/37

Out: -39.436+/-75.843 χ^2/NDF : 41.9/41

All: -41.812+/-54.163 χ^2/NDF : 90.9/79

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 344.937+/-0.059 χ^2/NDF :559064.5/22

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 344.619+/-0.061 χ^2/NDF :725905.4/20

Left: 344.783+/-0.042 χ^2/NDF : 1284984.1/43

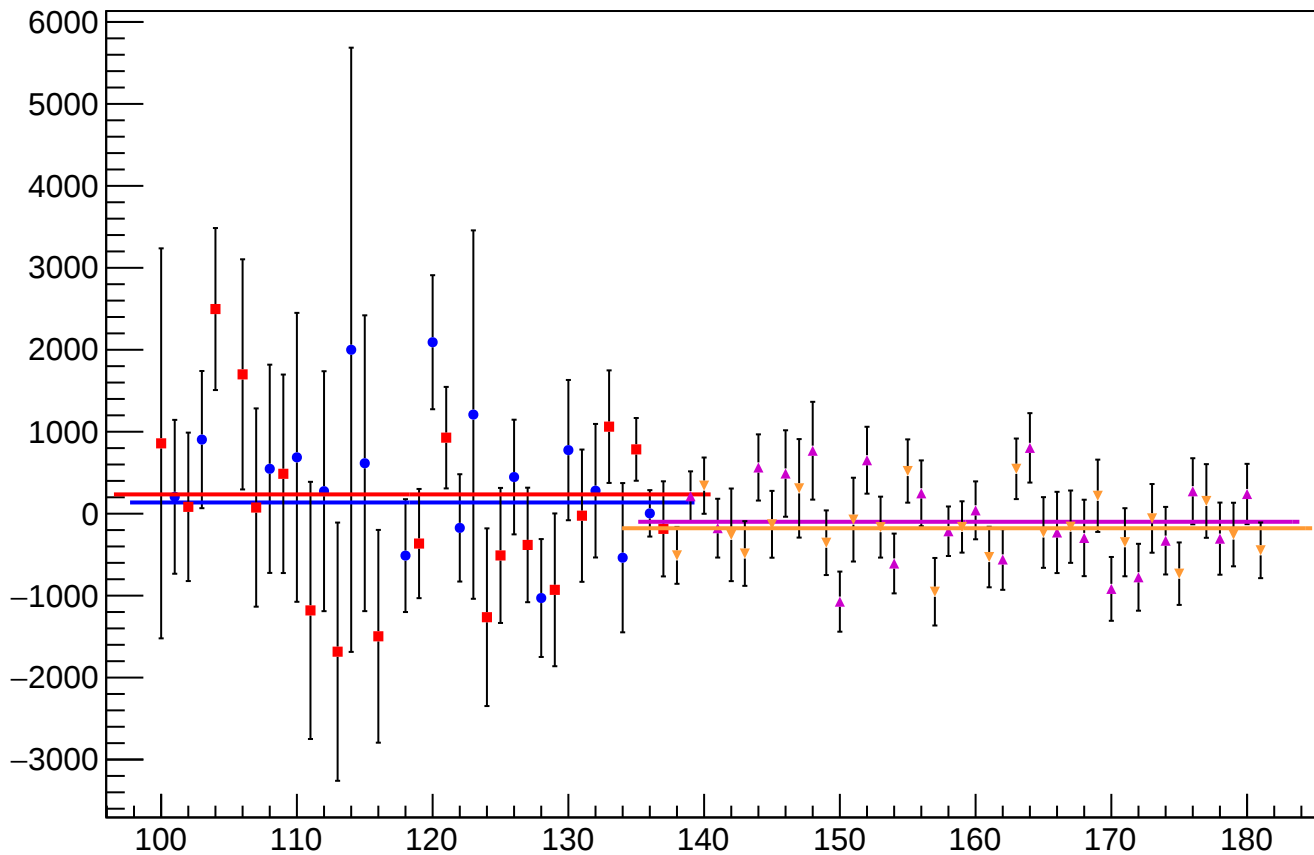
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 360.094+/-0.055 χ^2/NDF :3139137.7/37

Out: 363.222+/-0.054 χ^2/NDF :3268819.6/41

All: 361.689+/-0.038 χ^2/NDF : 6409624.5/79

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -177.814 $\pm$ 83.234 χ^2 /NDF:20.7/22

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -98.881 $\pm$ 85.747 χ^2 /NDF:36.3/20

Left: -139.522 $\pm$ 59.724 χ^2 /NDF: 57.5/43

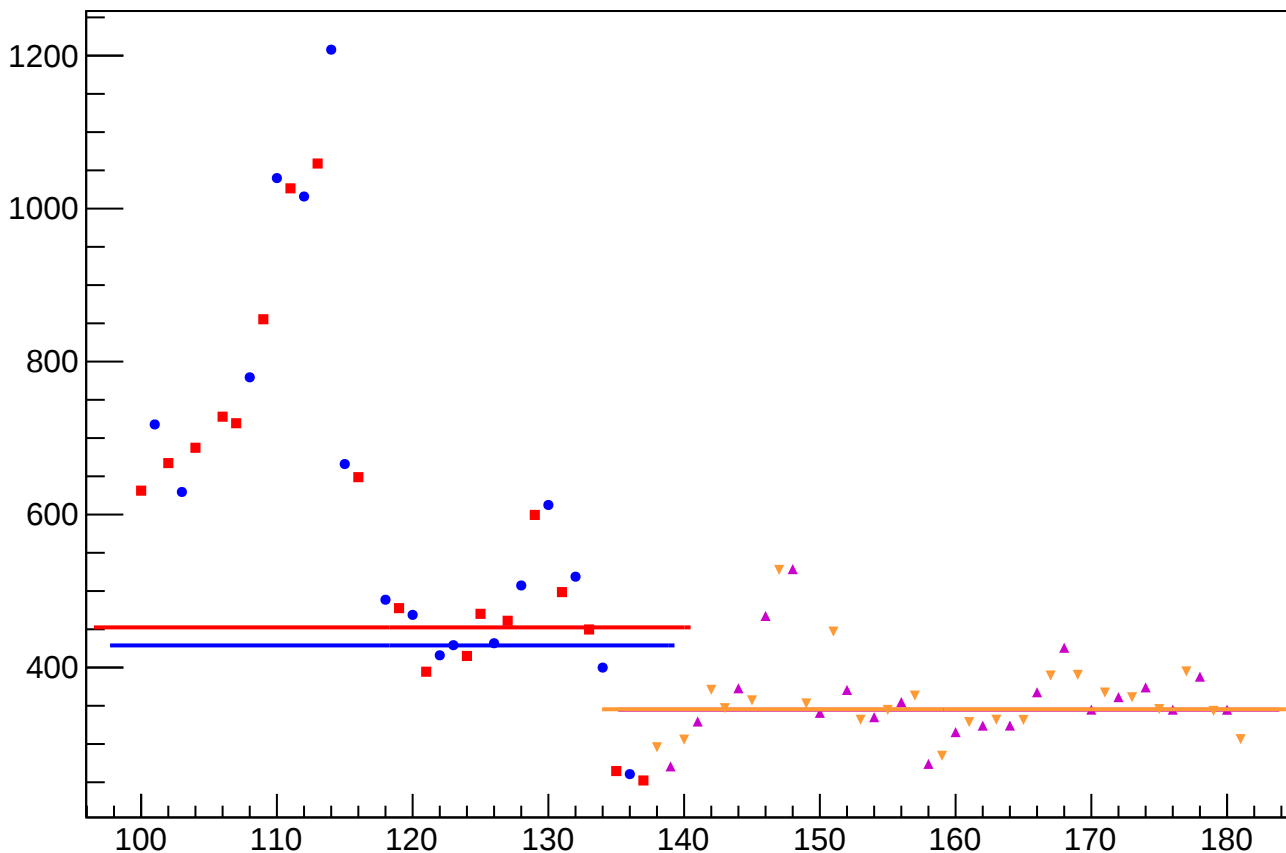
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: -55.133 $\pm$ 77.381 χ^2 /NDF:50.4/37

Out: -107.650 $\pm$ 75.837 χ^2 /NDF:46.7/41

All: -81.921 $\pm$ 54.163 χ^2 /NDF: 97.3/79

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.434+/-0.059 χ^2/NDF : 527644.3/22

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 344.864+/-0.061 χ^2/NDF : 673107.5/20

Left: 345.157+/-0.042 χ^2/NDF : 1200797.3/43

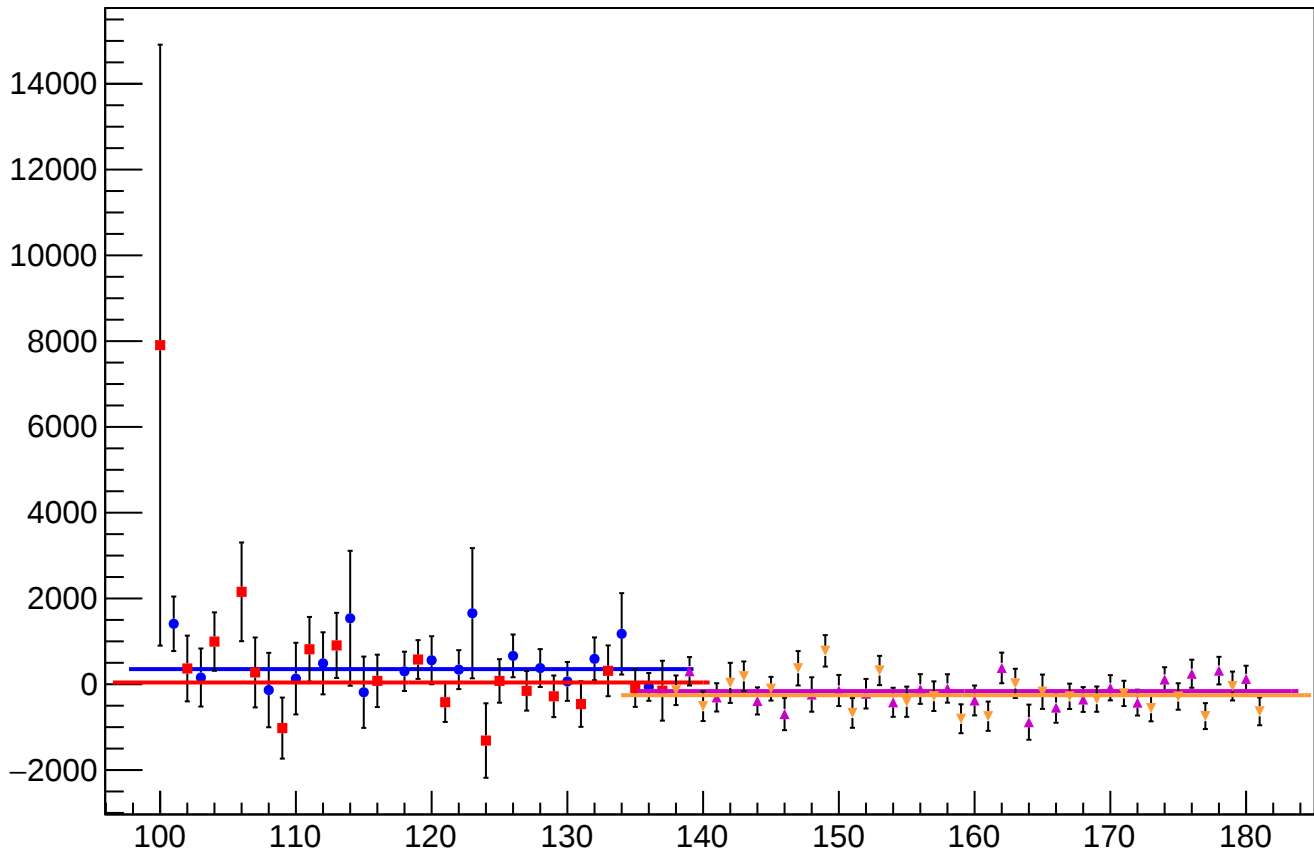
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.460+/-0.055 χ^2/NDF : 3040172.7/37

Out: 363.615+/-0.054 χ^2/NDF : 3131613.3/41

All: 362.069+/-0.038 χ^2/NDF : 6173481.2/79

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -255.293 ± 69.552 χ^2/NDF : 28.7/22

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -159.326 ± 72.548 χ^2/NDF : 19.2/20

Left: -209.332 ± 50.206 χ^2/NDF : 48.8/43

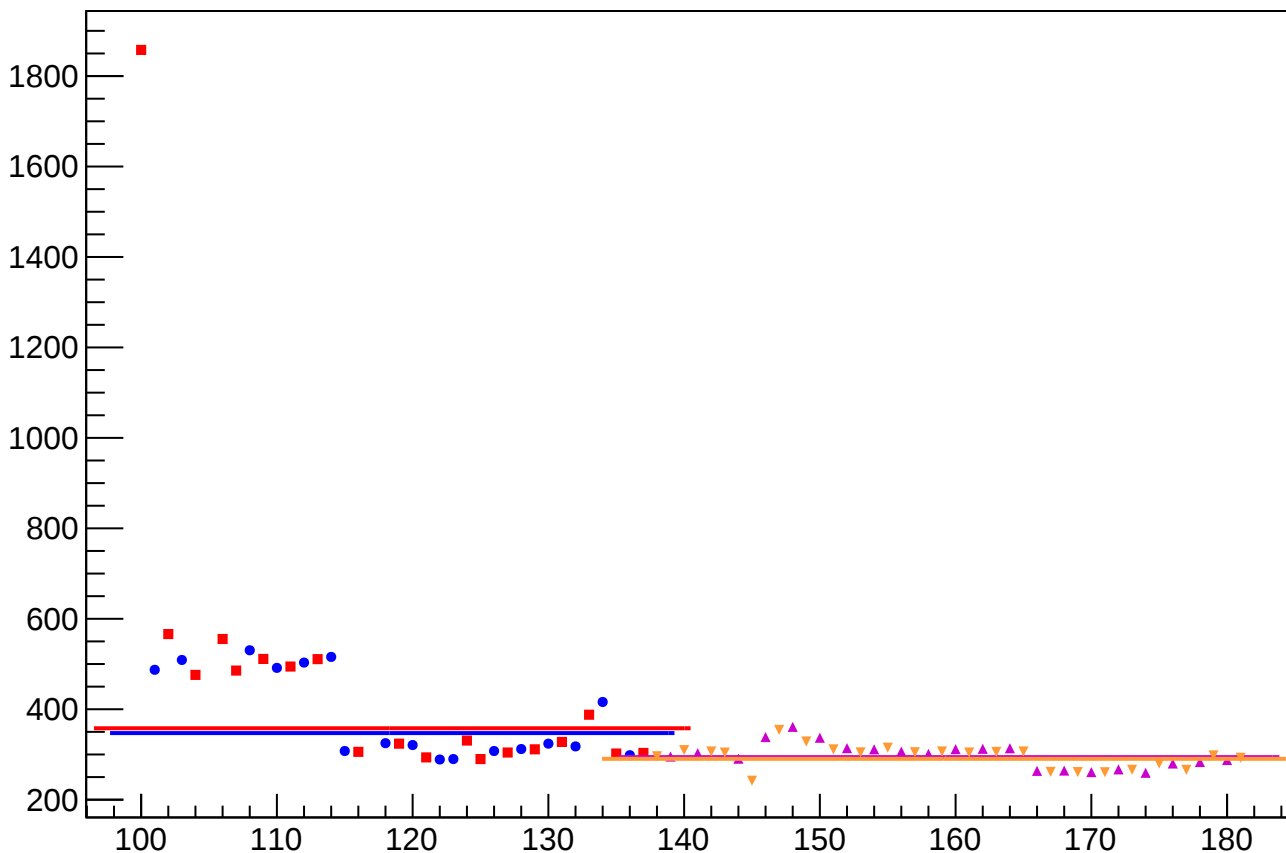
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -47.519 ± 64.144 χ^2/NDF : 38.6/37

Out: -195.946 ± 62.199 χ^2/NDF : 50.5/41

All: -124.016 ± 44.653 χ^2/NDF : 91.9/79

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.411 $\pm$ 0.049 χ^2 /NDF: 273477.1/22

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 294.123 $\pm$ 0.051 χ^2 /NDF: 256650.7/20

Left: 292.189 $\pm$ 0.036 χ^2 /NDF: 532855.1/43

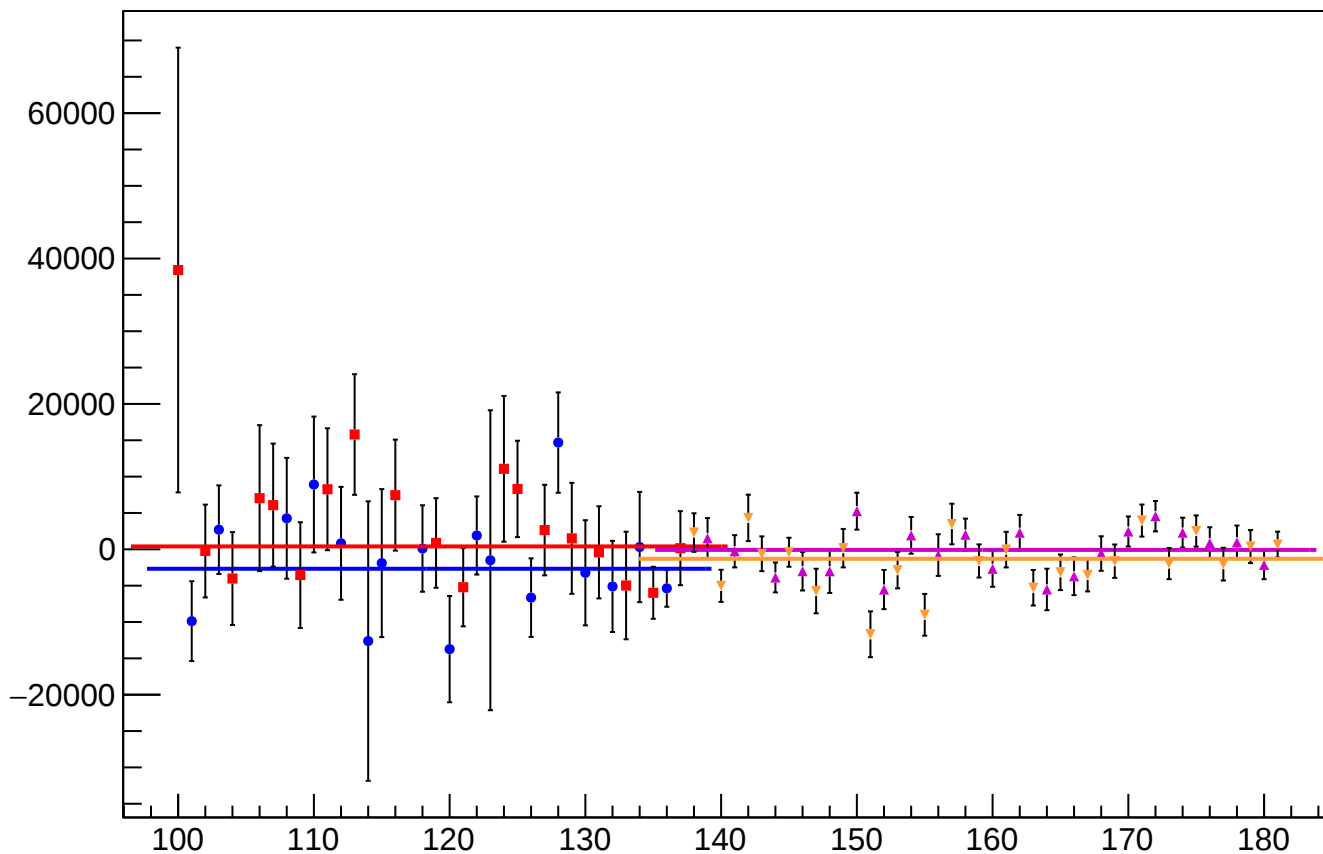
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 305.725 $\pm$ 0.045 χ^2 /NDF: 1109917.6/37

Out: 303.937 $\pm$ 0.044 χ^2 /NDF: 1502831.0/41

All: 304.803 $\pm$ 0.032 χ^2 /NDF: 2613549.6/79

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1302.106 $\pm$ 496.501 χ^2 /NDF: 47.1/22

Right Out: 398.443 $\pm$ 1515.968 χ^2 /NDF: 15.9/18

Left In: -79.525 $\pm$ 517.096 χ^2 /NDF: 32.9/20

Left: -715.646 $\pm$ 358.139 χ^2 /NDF: 83.0/43

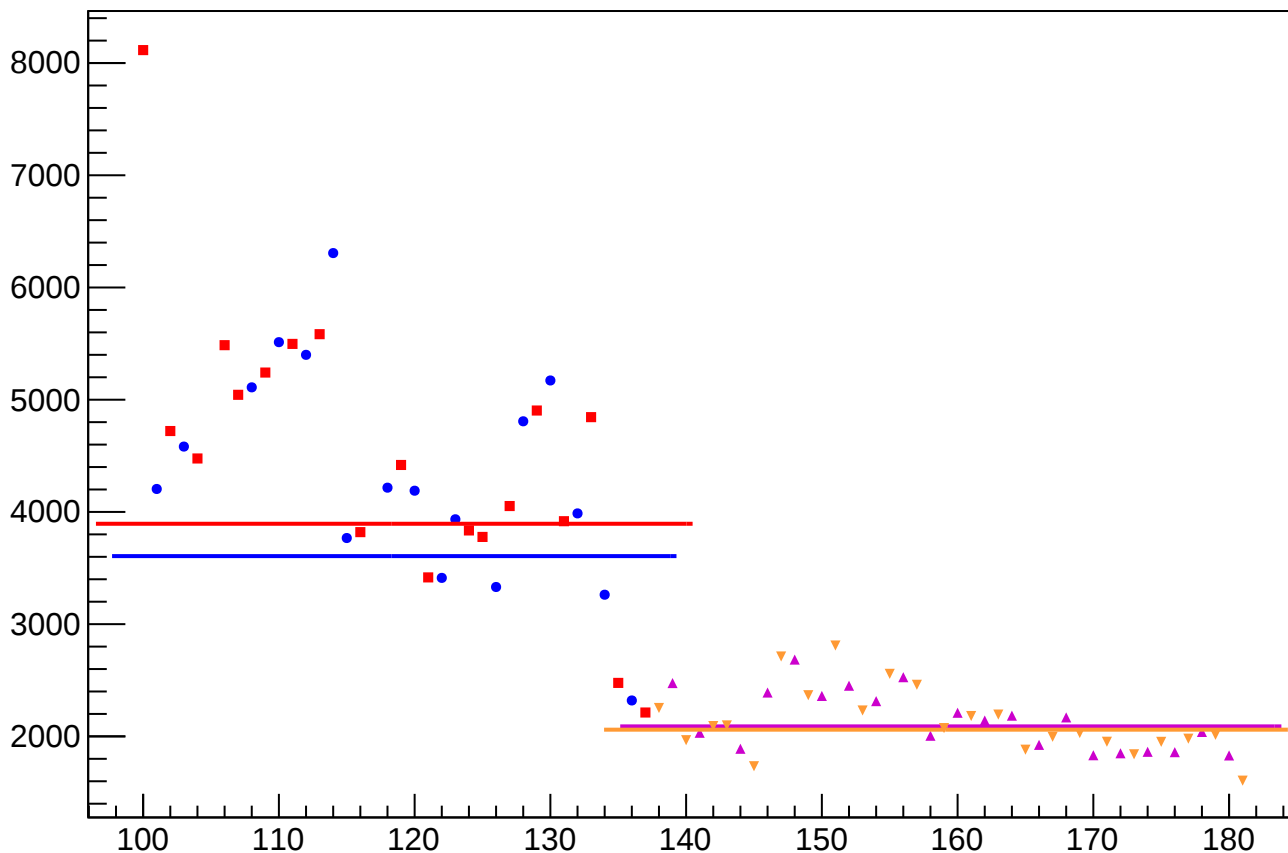
Right: -1199.564 $\pm$ 1050.178 χ^2 /NDF: 34.8/35

In: -370.051 $\pm$ 487.285 χ^2 /NDF: 52.5/37

Out: -1137.366 $\pm$ 471.839 χ^2 /NDF: 64.2/41

All: -766.062 $\pm$ 338.970 χ^2 /NDF: 118.0/79

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2059.716 $\pm$ 0.351 χ^2/NDF : 597709.8/22

Right Out: 3894.596 $\pm$ 1.072 χ^2/NDF : 1032752.3/18

Left In: 2089.078 $\pm$ 0.366 χ^2/NDF : 447050.9/20

Left: 2073.801 $\pm$ 0.253 χ^2/NDF : 1048115.9/43

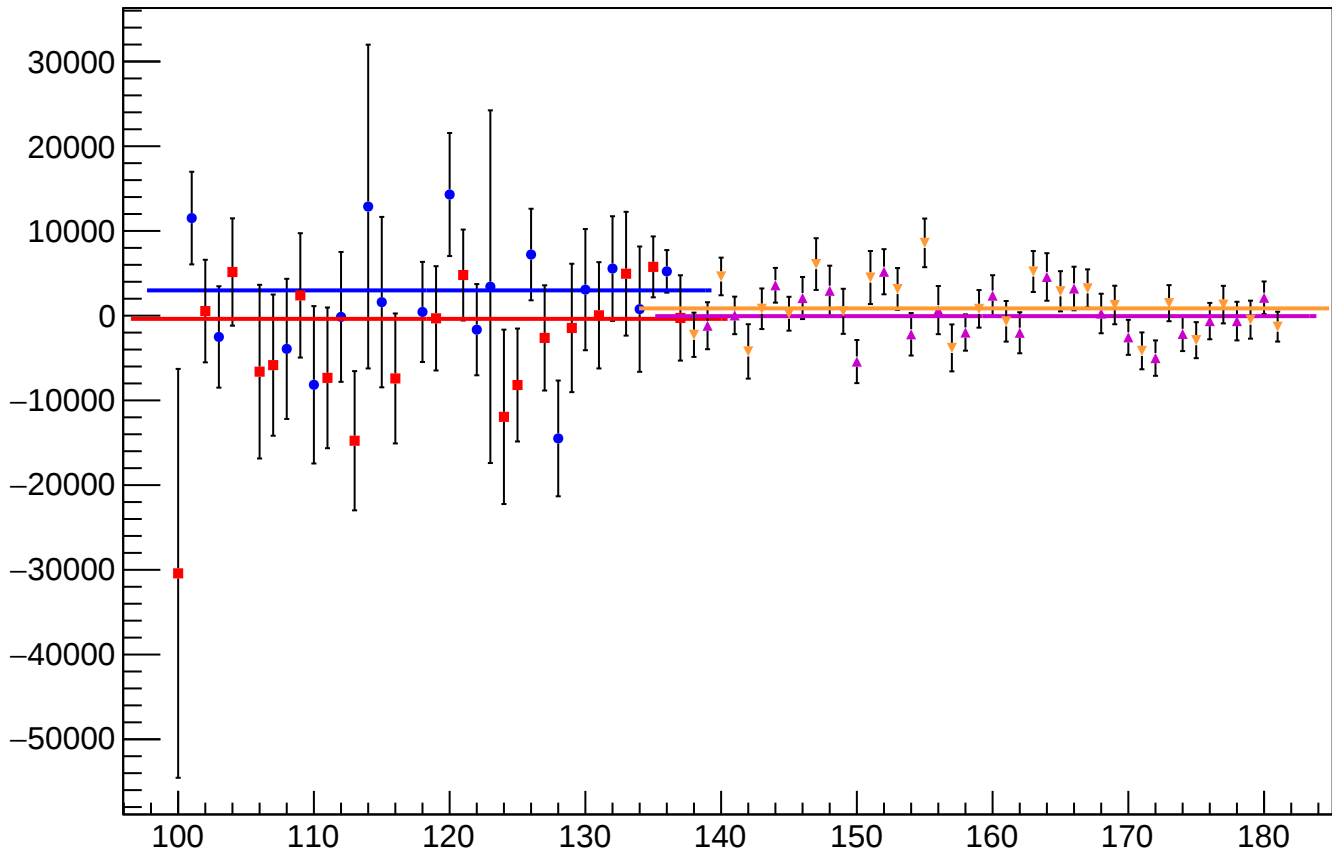
Right: 3744.683 $\pm$ 0.743 χ^2/NDF : 2162873.5/35

In: 2258.979 $\pm$ 0.345 χ^2/NDF : 3467764.7/37

Out: 2237.469 $\pm$ 0.334 χ^2/NDF : 4276605.8/41

All: 2247.878 $\pm$ 0.240 χ^2/NDF : 7746381.9/79

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 858.061+/-491.985 χ^2/NDF : 38.1/22

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: -56.895+/-510.736 χ^2/NDF : 30.6/20

Left: 417.687+/-354.330 χ^2/NDF : 70.3/43

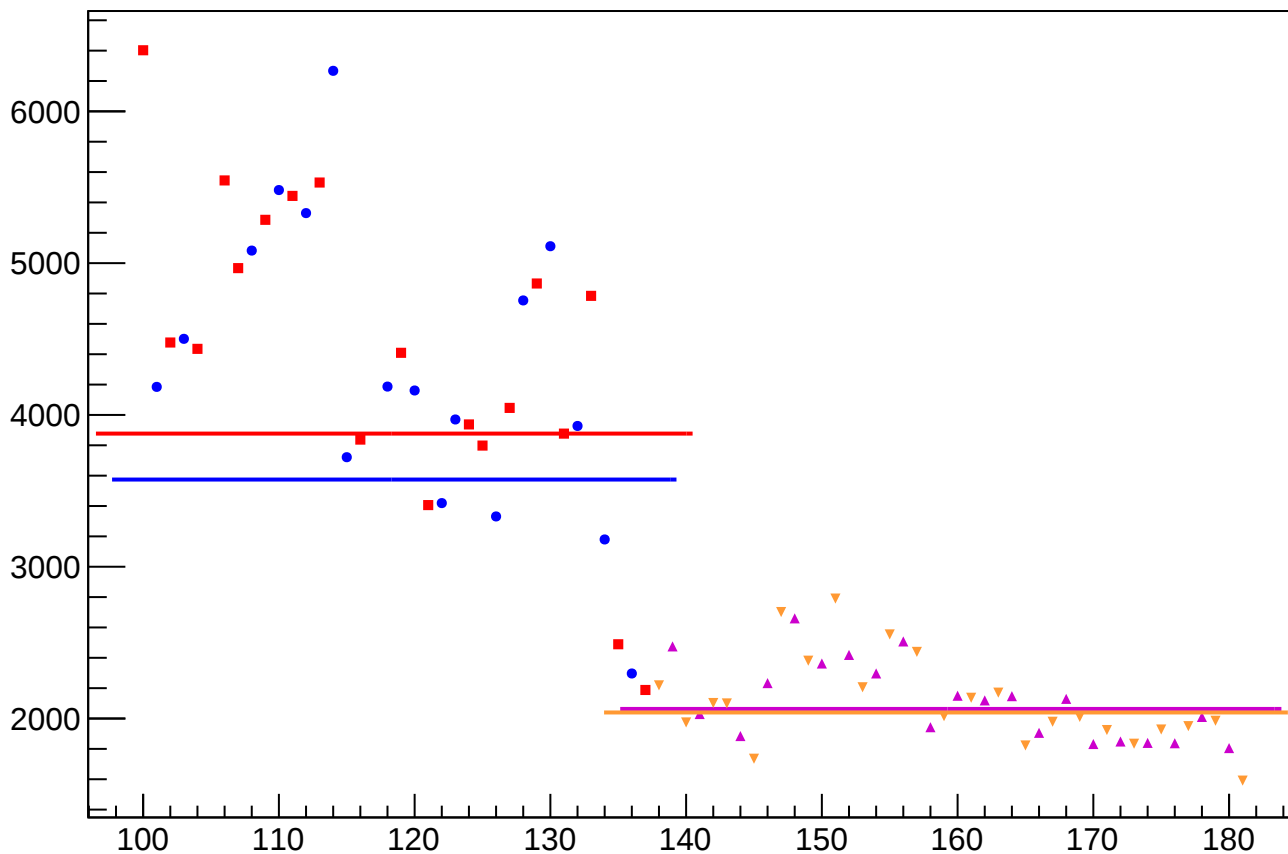
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 281.335+/-481.492 χ^2/NDF : 52.0/37

Out: 739.126+/-467.704 χ^2/NDF : 53.7/41

All: 516.878+/-335.485 χ^2/NDF : 106.1/79

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 ± 1.021 $\chi^2/\text{NDF}: 1091350.4/16$

Left Out: 2039.904 ± 0.348 $\chi^2/\text{NDF}: 607819.7/22$

Right Out: 3877.124 ± 1.066 $\chi^2/\text{NDF}: 990125.2/18$

Left In: 2063.178 ± 0.361 $\chi^2/\text{NDF}: 430603.5/20$

Left: 2051.106 ± 0.251 $\chi^2/\text{NDF}: 1040577.5/43$

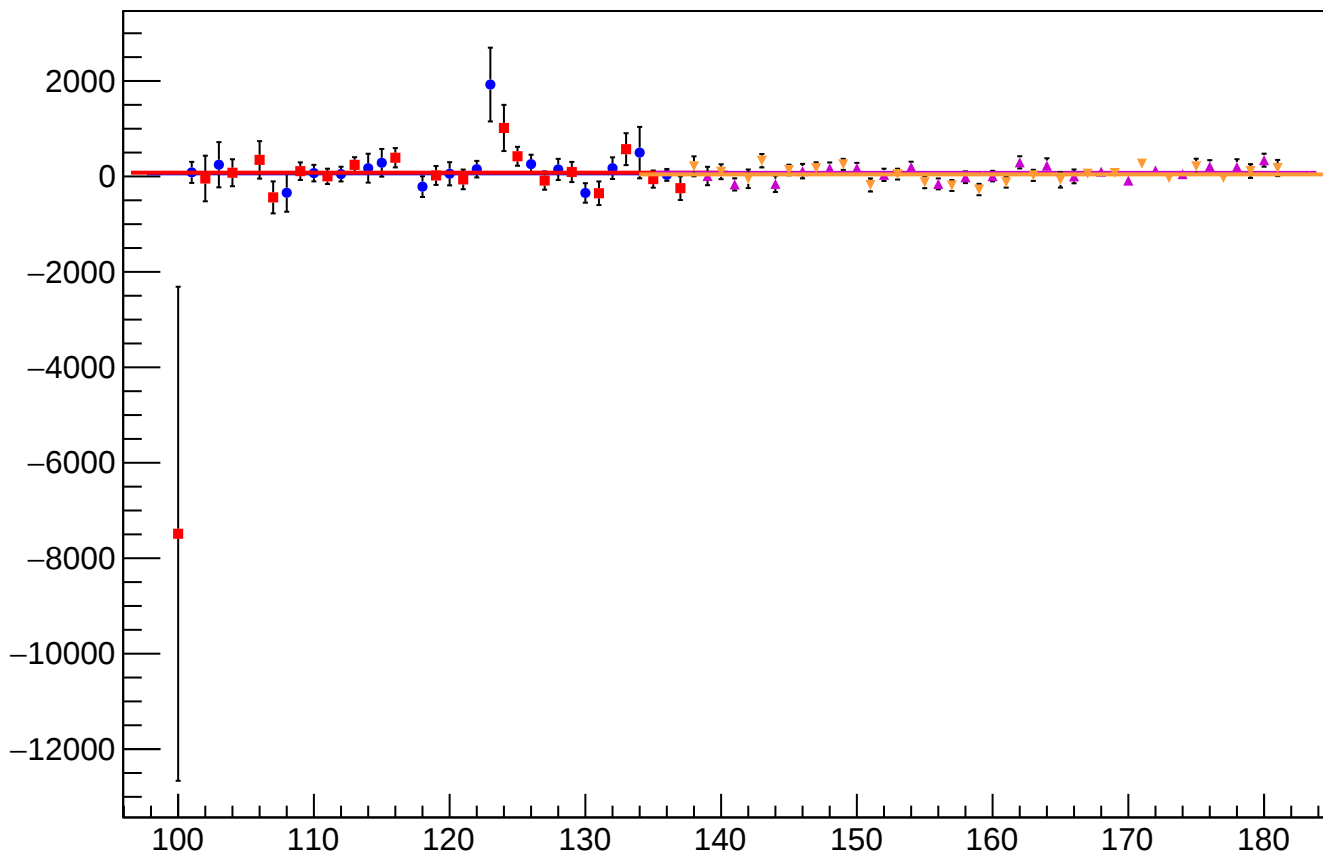
Right: 3719.204 ± 0.737 $\chi^2/\text{NDF}: 2123559.1/35$

In: 2231.284 ± 0.340 $\chi^2/\text{NDF}: 3469720.8/37$

Out: 2216.772 ± 0.331 $\chi^2/\text{NDF}: 4282900.2/41$

All: 2223.817 ± 0.237 $\chi^2/\text{NDF}: 7753555.8/79$

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 42.873+/-24.613 χ^2/NDF : 38.4/22

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 74.690+/-25.817 χ^2/NDF : 26.5/20

Left: 58.023+/-17.814 χ^2/NDF : 65.6/43

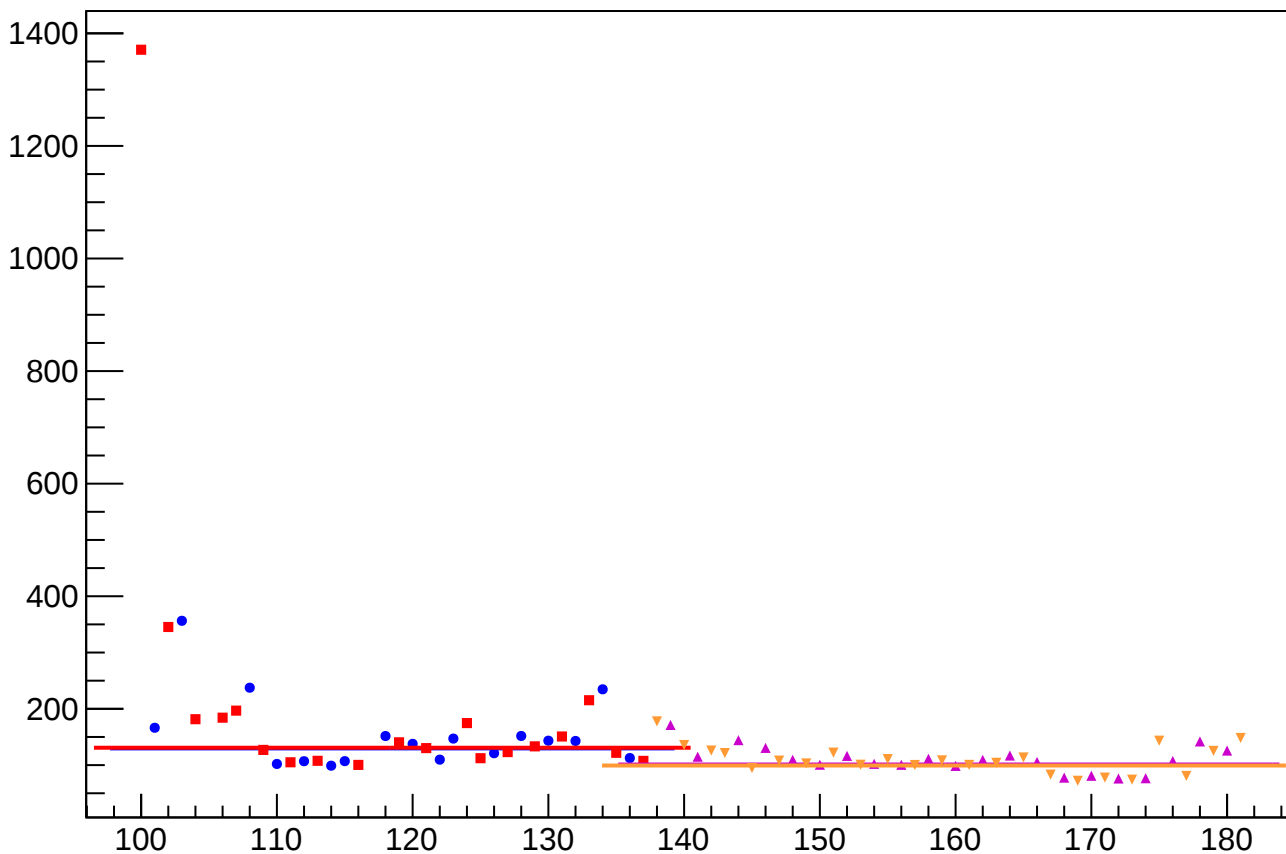
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 72.858+/-23.184 χ^2/NDF : 42.2/37

Out: 49.361+/-22.273 χ^2/NDF : 63.0/41

All: 60.639+/-16.062 χ^2/NDF : 105.8/79

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.291 $\pm$ 0.017 χ^2 /NDF:1619413.0/22

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 101.064 $\pm$ 0.018 χ^2 /NDF:1337894.1/20

Left: 100.135 $\pm$ 0.013 χ^2 /NDF: 2962249.3/43

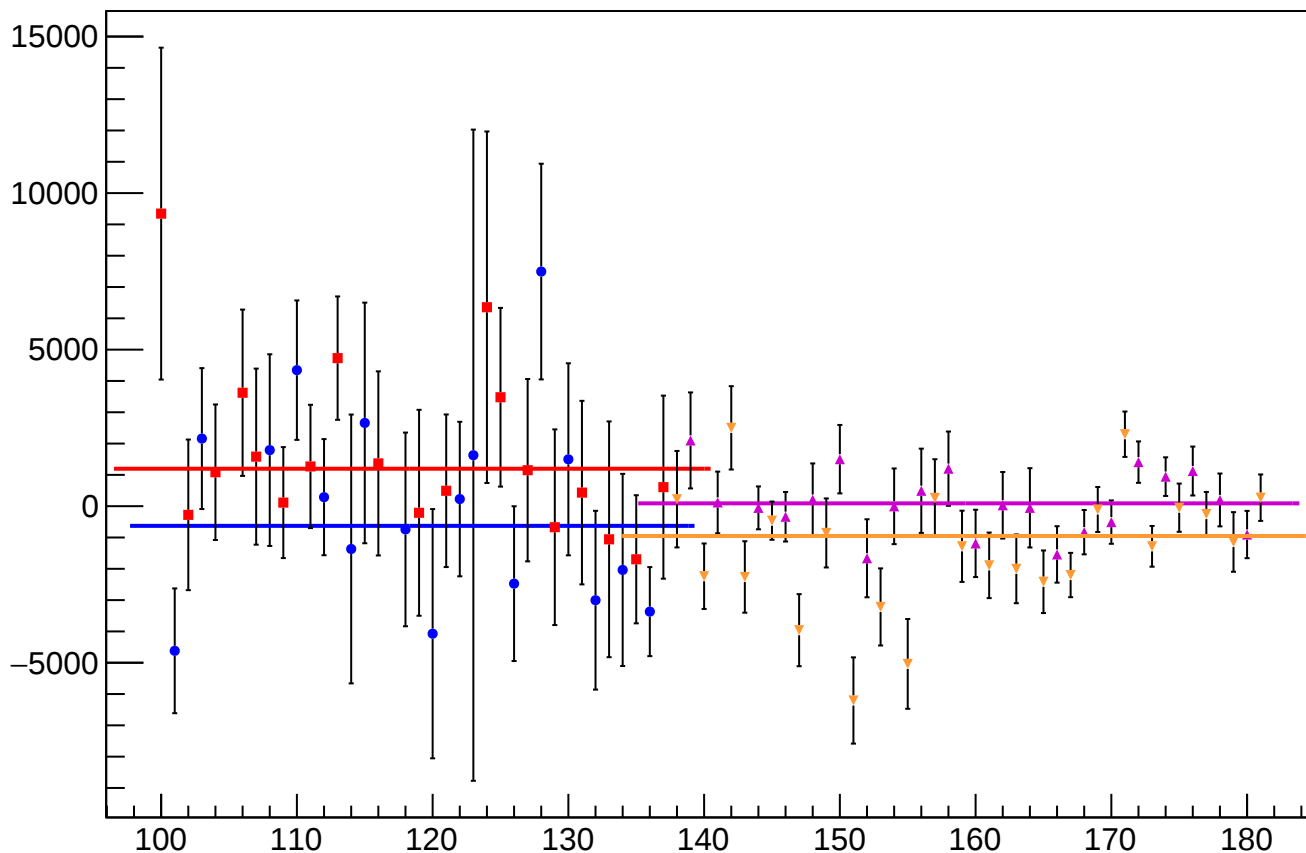
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 106.605 $\pm$ 0.016 χ^2 /NDF:2803699.4/37

Out: 105.011 $\pm$ 0.016 χ^2 /NDF:3258242.9/41

All: 105.776 $\pm$ 0.011 χ^2 /NDF: 6066861.2/79

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -951.441+/-190.380 χ^2/NDF : 78.6/22

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 90.251+/-193.333 χ^2/NDF : 23.2/20

Left: -438.611+/-135.651 χ^2/NDF : 116.5/43

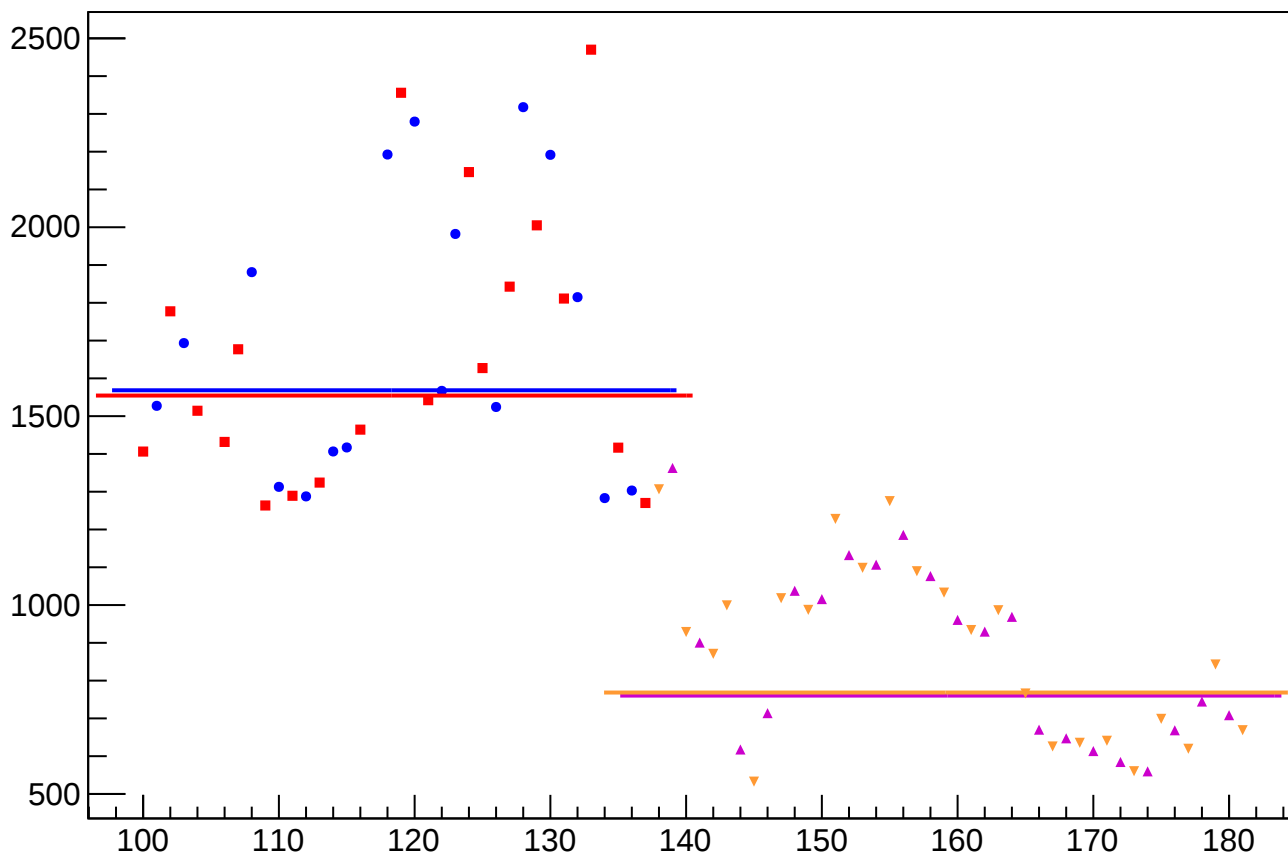
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: 26.861+/-184.607 χ^2/NDF : 48.7/37

Out: -752.405+/-181.344 χ^2/NDF : 102.1/41

All: -369.720+/-129.368 χ^2/NDF : 159.9/79

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 768.453+/-0.135 χ^2/NDF : 2413776.3/22

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 760.380+/-0.137 χ^2/NDF : 2077845.3/20

Left: 764.479+/-0.096 χ^2/NDF : 4493392.2/43

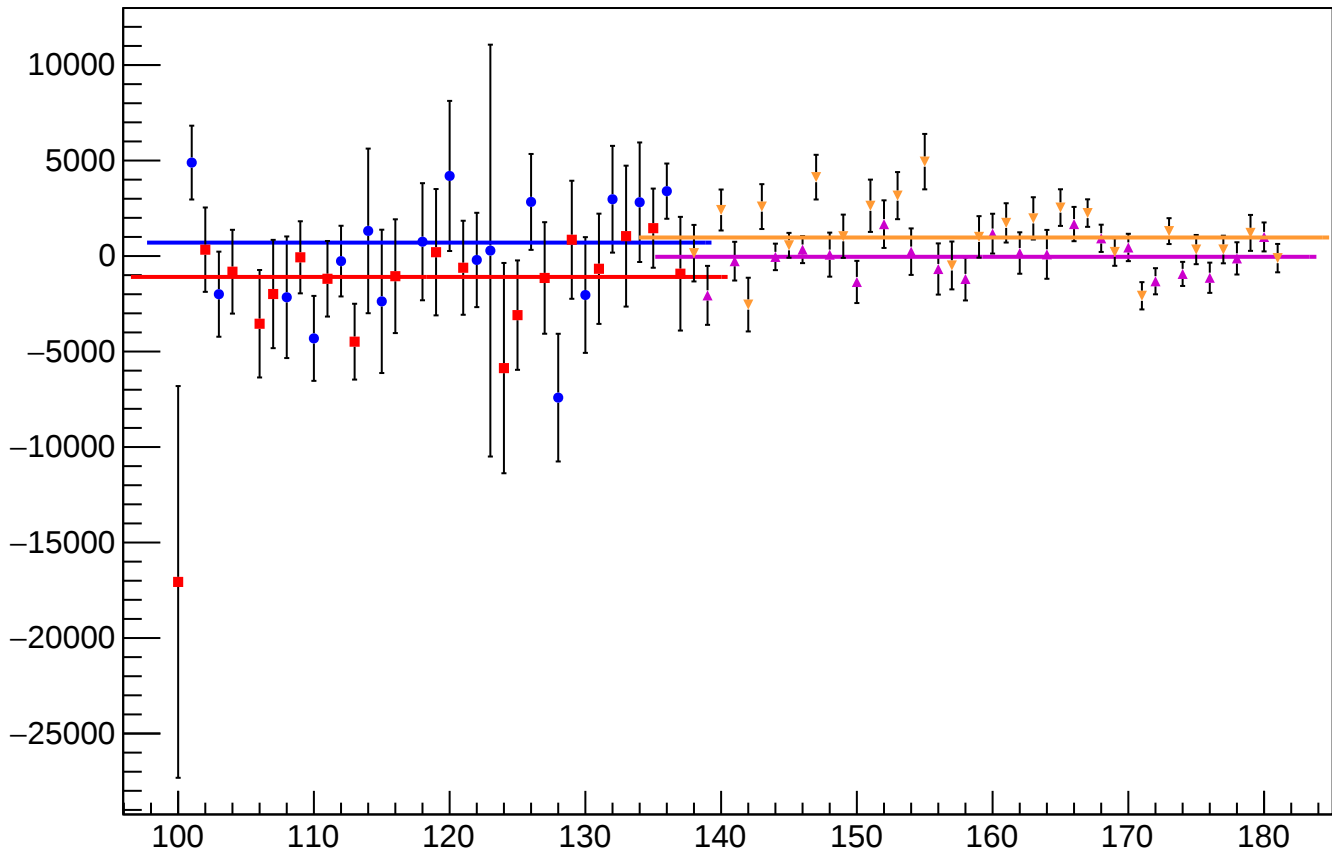
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 831.682+/-0.131 χ^2/NDF : 5695092.4/37

Out: 841.304+/-0.128 χ^2/NDF : 6085800.4/41

All: 836.579+/-0.091 χ^2/NDF : 11783658.5/79

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 971.307 $\pm$ 192.583 χ^2/NDF : 61.8/22

Right Out: -1093.862 $\pm$ 603.204 χ^2/NDF : 10.6/18

Left In: -40.030 $\pm$ 193.778 χ^2/NDF : 23.4/20

Left: 468.768 $\pm$ 136.597 χ^2/NDF : 98.9/43

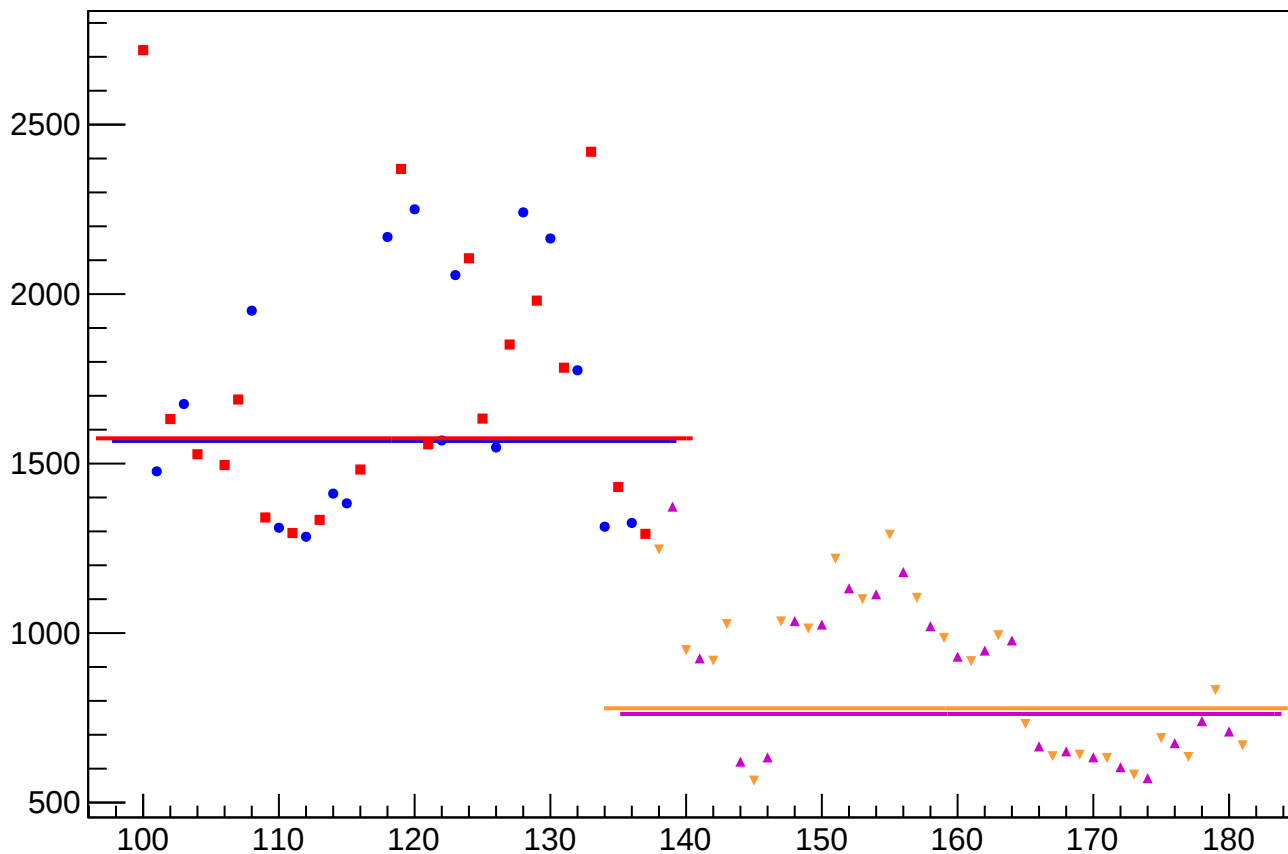
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 25.978 $\pm$ 184.971 χ^2/NDF : 50.7/37

Out: 780.274 $\pm$ 183.459 χ^2/NDF : 83.1/41

All: 406.222 $\pm$ 130.257 χ^2/NDF : 142.2/79

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 778.063 $\pm$ 0.136 χ^2 /NDF:2231414.0/22

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 761.349 $\pm$ 0.137 χ^2 /NDF:2010593.7/20

Left: 769.757 $\pm$ 0.097 χ^2 /NDF: 4249493.6/43

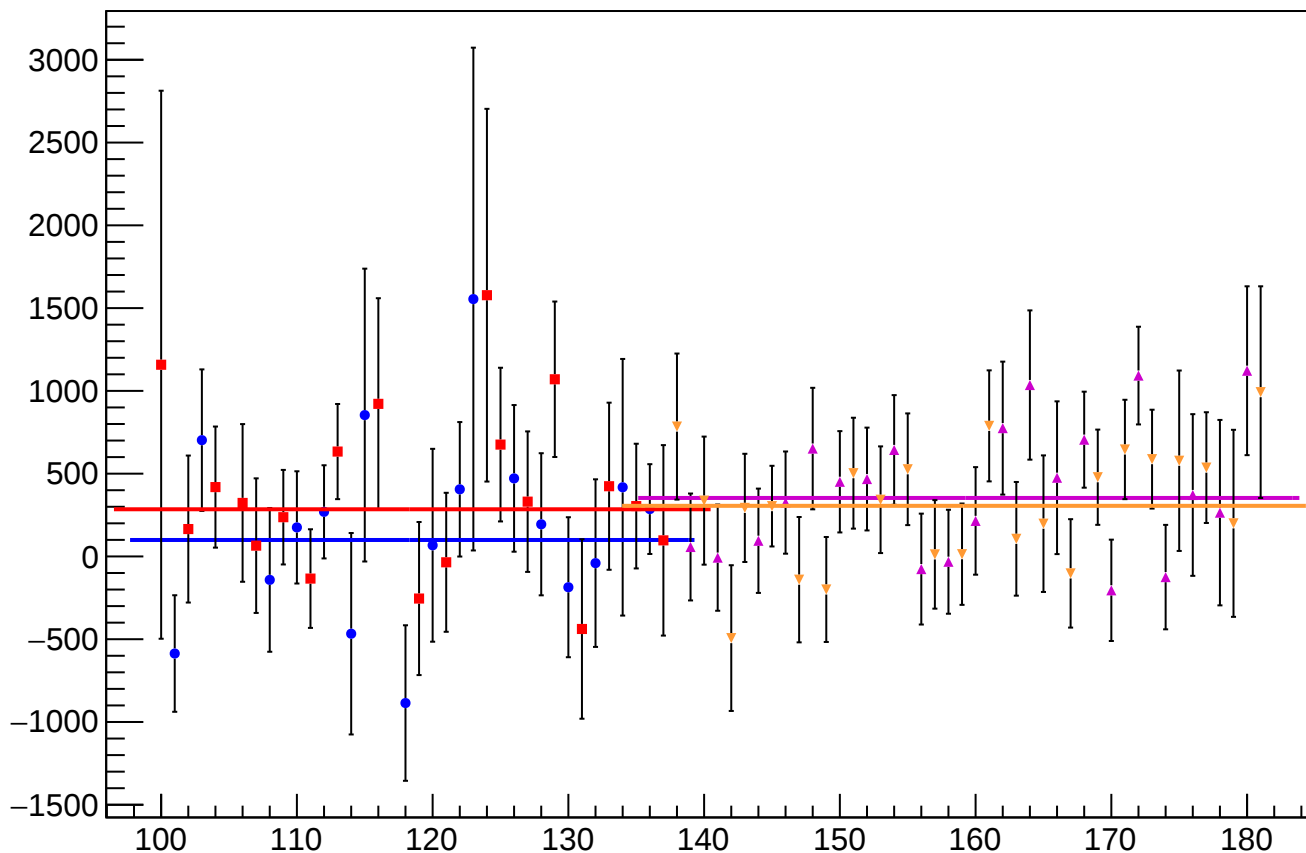
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 832.909 $\pm$ 0.131 χ^2 /NDF:5580917.9/37

Out: 851.737 $\pm$ 0.130 χ^2 /NDF:5860001.1/41

All: 842.400 $\pm$ 0.092 χ^2 /NDF: 11451365.2/79

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 305.671 $\pm$ 72.110 χ^2 /NDF:19.4/22

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 353.269 $\pm$ 75.134 χ^2 /NDF:26.9/20

Left: 328.493 $\pm$ 52.026 χ^2 /NDF: 46.5/43

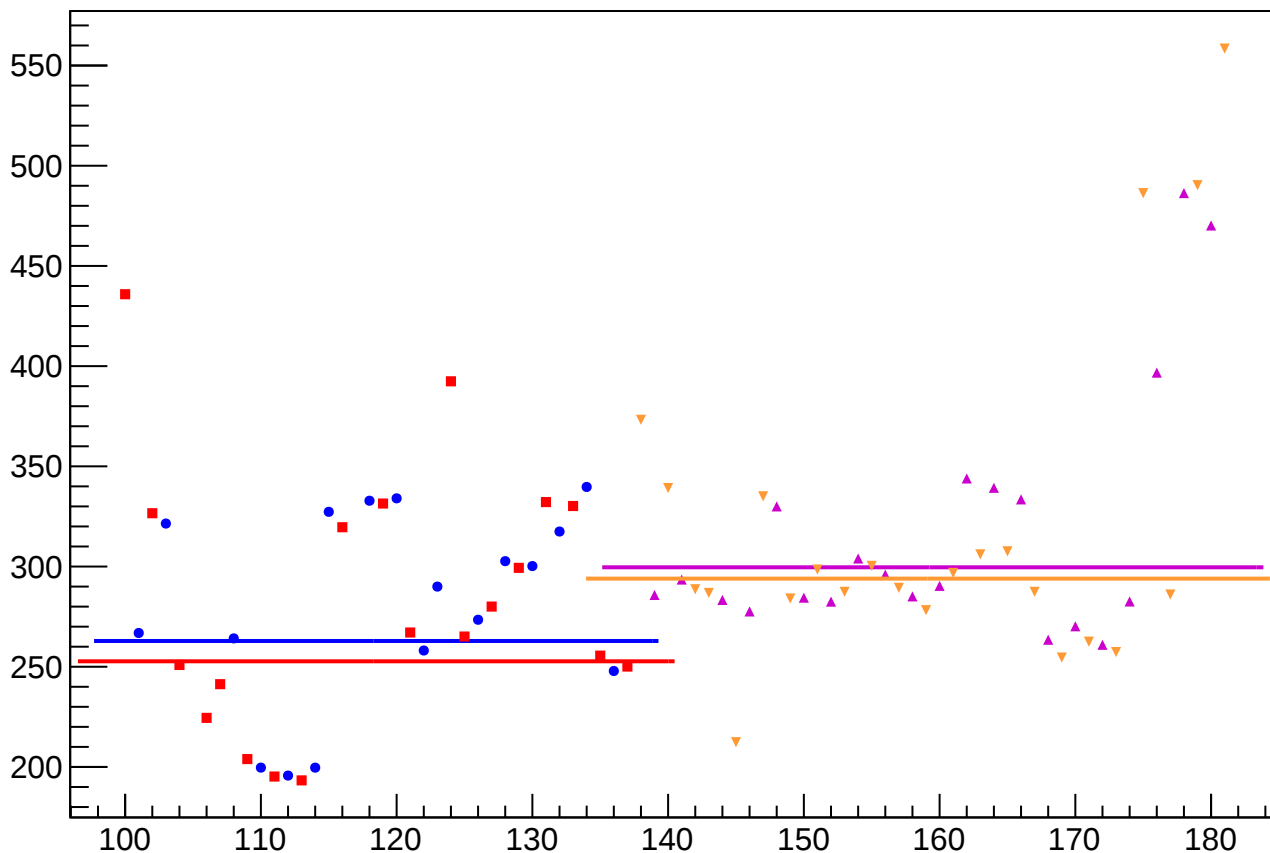
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 265.612 $\pm$ 60.795 χ^2 /NDF:46.8/37

Out: 298.341 $\pm$ 58.020 χ^2 /NDF:33.4/41

All: 282.740 $\pm$ 41.973 χ^2 /NDF: 80.3/79

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 293.977 $\pm$ 0.051 χ^2 /NDF:1280007.9/22

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 299.624 $\pm$ 0.053 χ^2 /NDF:716625.1/20

Left: 296.684 $\pm$ 0.037 χ^2 /NDF: 2002513.4/43

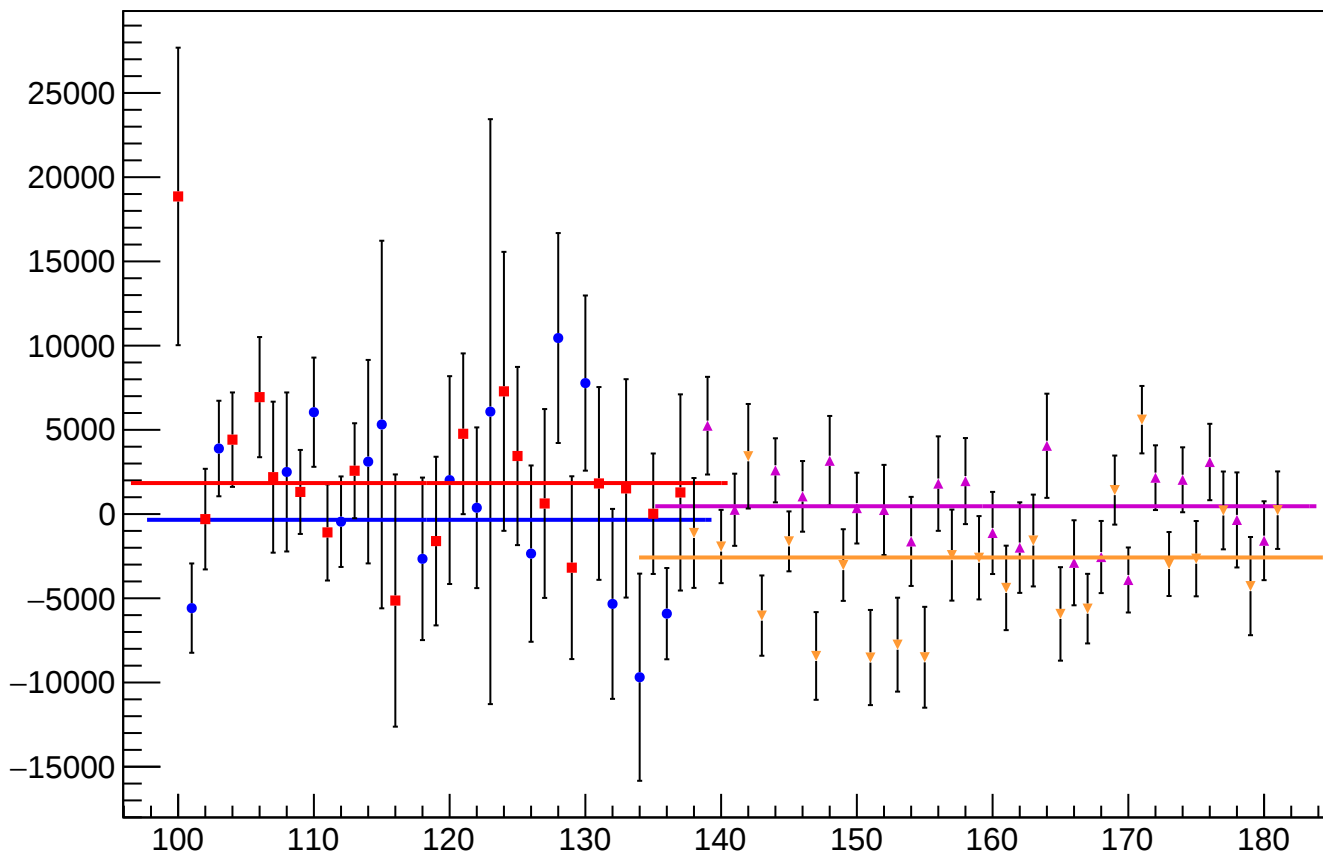
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 286.929 $\pm$ 0.043 χ^2 /NDF:1293688.6/37

Out: 279.430 $\pm$ 0.041 χ^2 /NDF:2050583.2/41

All: 283.004 $\pm$ 0.030 χ^2 /NDF: 3360199.5/79

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -2576.557 ± 496.777 χ^2/NDF : 51.4/22

Right Out: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 464.446 ± 508.443 χ^2/NDF : 21.4/20

Left: -1091.340 ± 355.327 χ^2/NDF : 91.1/43

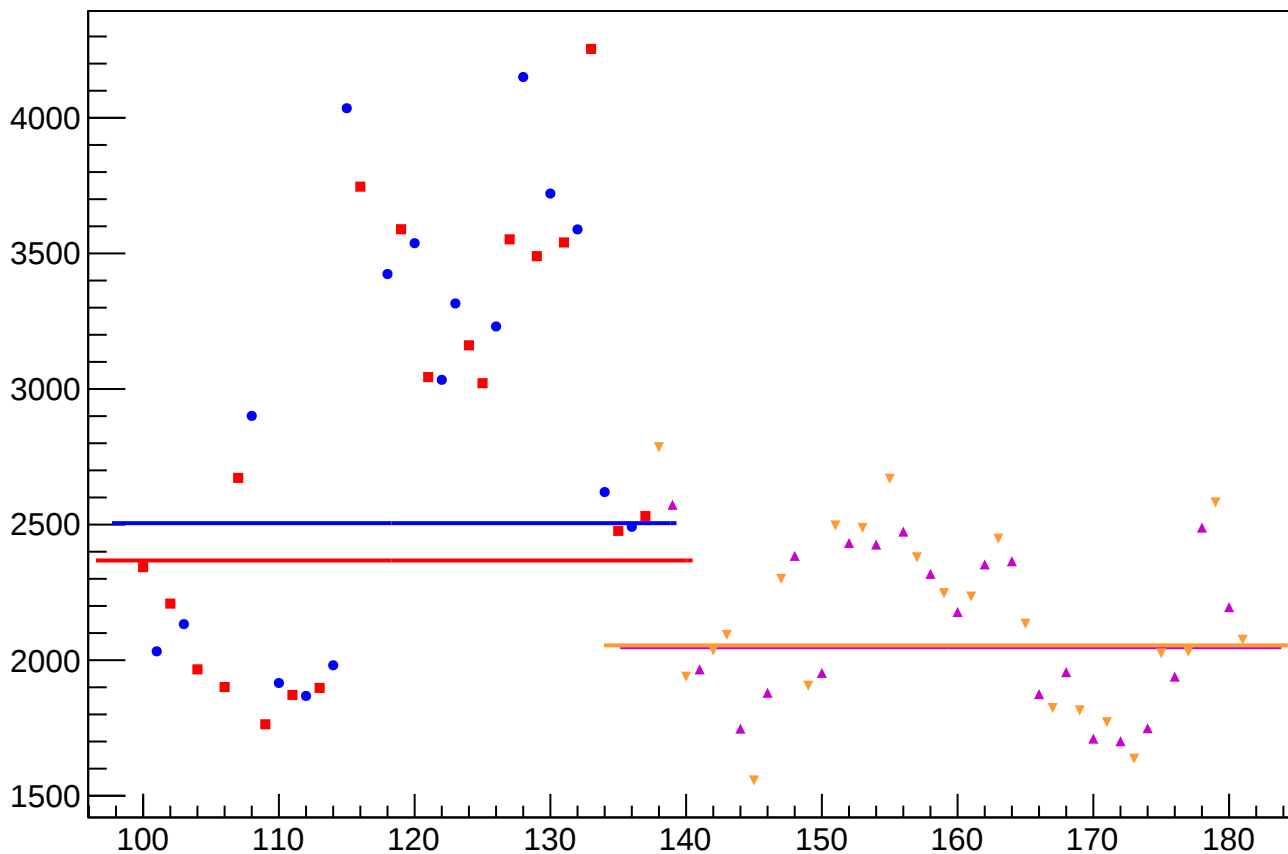
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 300.100 ± 453.653 χ^2/NDF : 46.4/37

Out: -1587.304 ± 437.628 χ^2/NDF : 80.8/41

All: -677.527 ± 314.963 χ^2/NDF : 136.2/79

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2054.660+/-0.351 χ^2/NDF : 822458.3/22

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2047.763+/-0.360 χ^2/NDF : 619188.0/20

Left: 2051.292+/-0.251 χ^2/NDF : 1441834.6/43

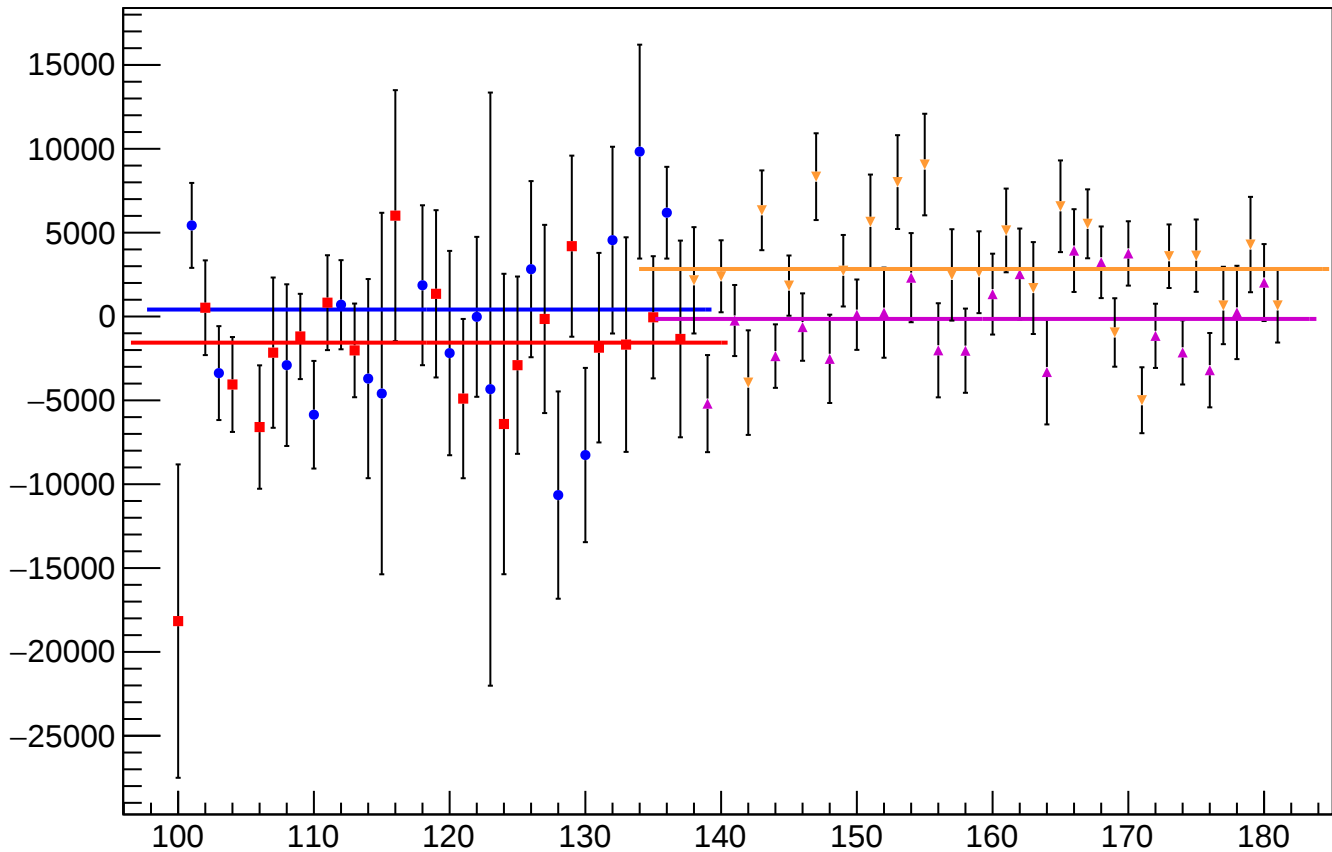
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2141.064+/-0.321 χ^2/NDF : 1813604.1/37

Out: 2124.774+/-0.309 χ^2/NDF : 2031244.9/41

All: 2132.626+/-0.223 χ^2/NDF : 3846184.8/79

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2/NDF : 24.5/16

Left Out: 2833.786 $\pm$ 493.076 χ^2/NDF : 46.8/22

Right Out: -1558.787 $\pm$ 924.438 χ^2/NDF : 10.7/18

Left In: -144.450 $\pm$ 503.897 χ^2/NDF : 23.1/20

Left: 1376.989 $\pm$ 352.421 χ^2/NDF : 87.8/43

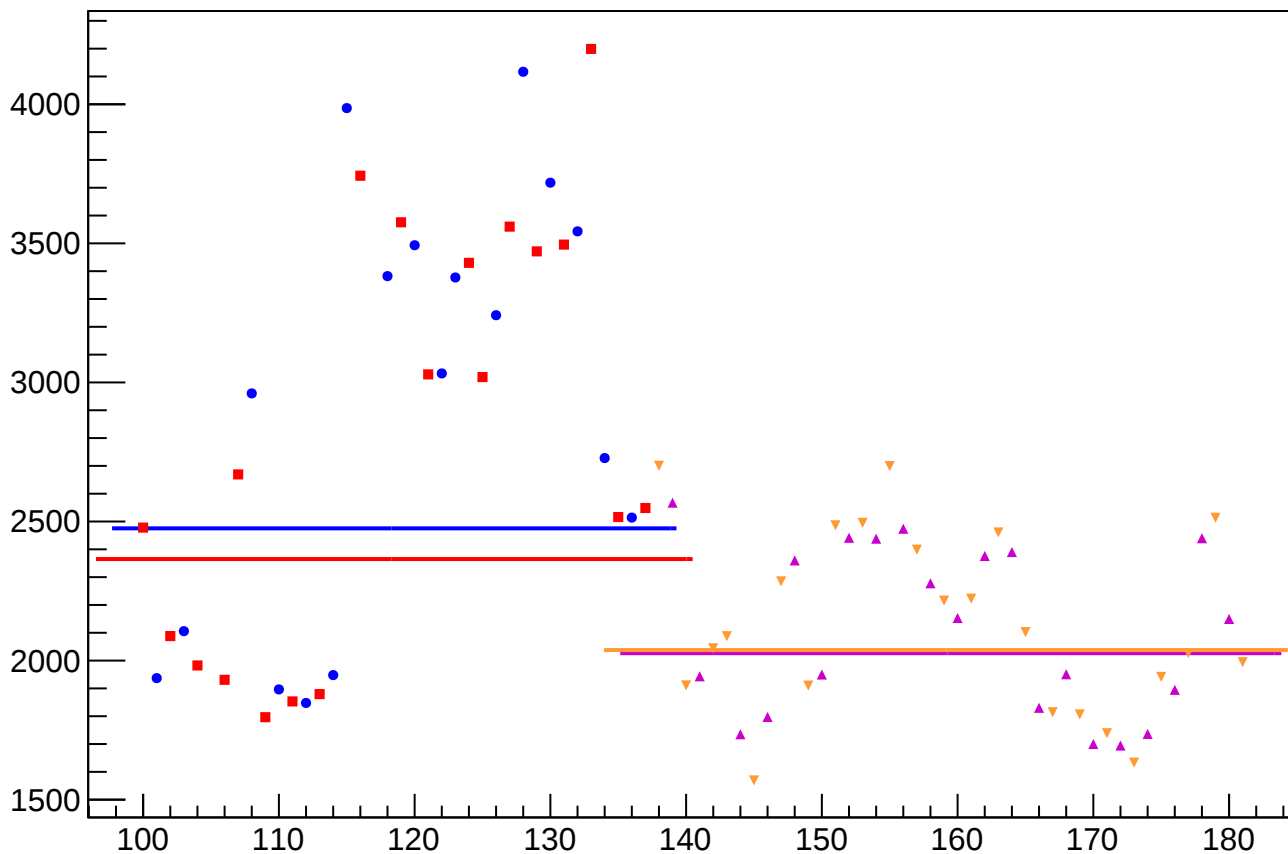
Right: -644.015 $\pm$ 677.222 χ^2/NDF : 37.3/35

In: -30.127 $\pm$ 449.529 χ^2/NDF : 47.9/37

Out: 1860.907 $\pm$ 435.059 χ^2/NDF : 75.1/41

All: 946.315 $\pm$ 312.623 χ^2/NDF : 132.1/79

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2037.832 $\pm$ 0.349 χ^2 /NDF: 809563.9/22

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2026.665 $\pm$ 0.356 χ^2 /NDF: 649467.5/20

Left: 2032.370 $\pm$ 0.249 χ^2 /NDF: 1459533.2/43

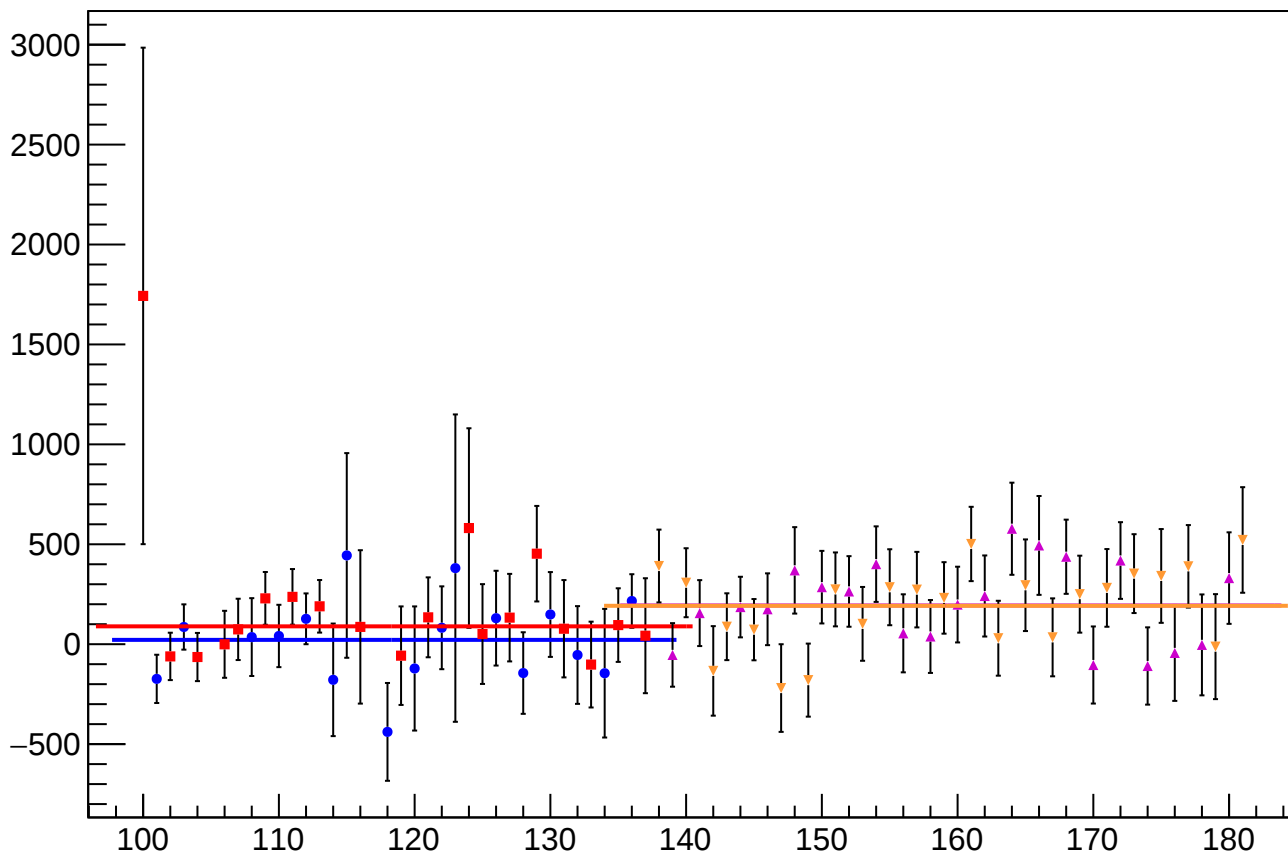
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2118.280 $\pm$ 0.318 χ^2 /NDF: 1886387.8/37

Out: 2110.300 $\pm$ 0.308 χ^2 /NDF: 2031787.4/41

All: 2114.159 $\pm$ 0.221 χ^2 /NDF: 3918500.7/79

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 192.159 $\pm$ 40.474 χ^2 /NDF:22.2/22

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 193.826 $\pm$ 41.956 χ^2 /NDF:20.2/20

Left: 192.962 $\pm$ 29.129 χ^2 /NDF: 42.3/43

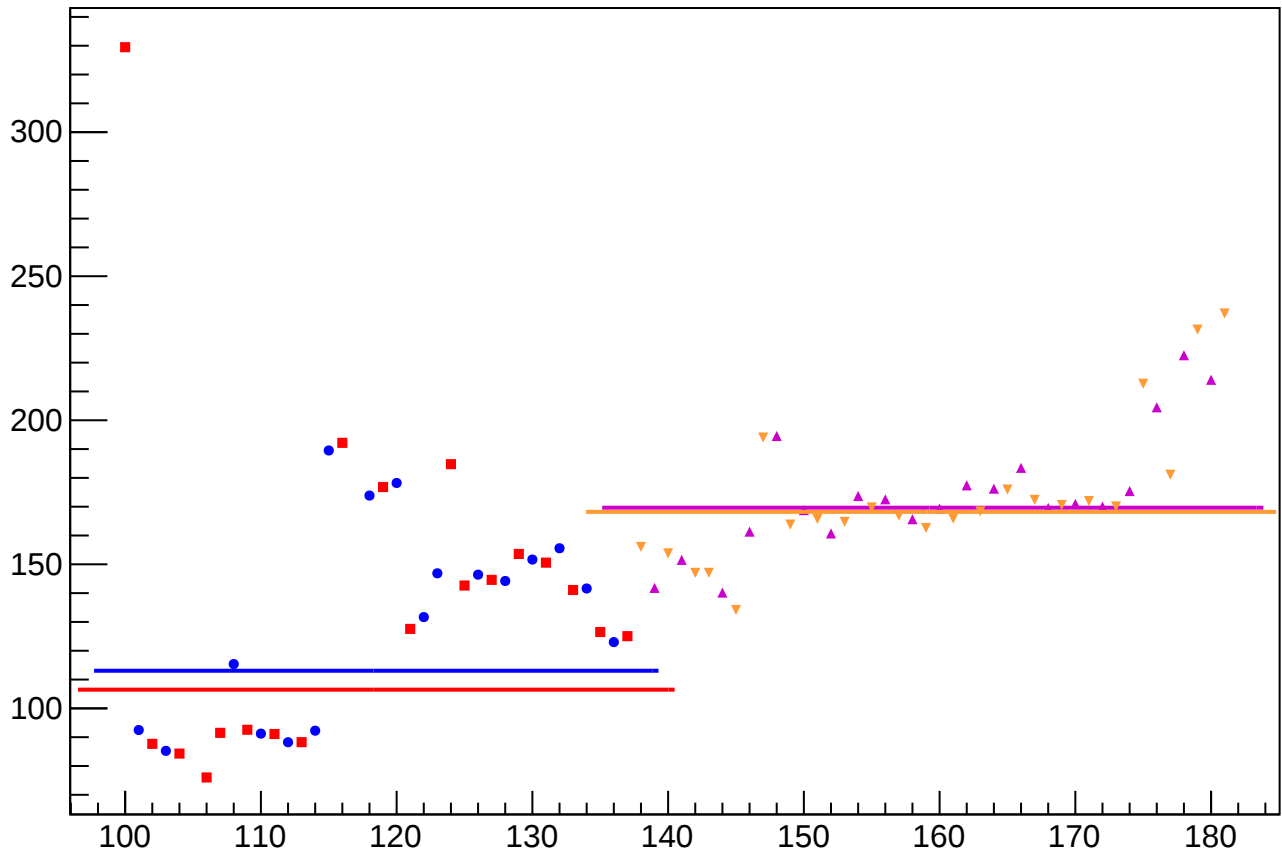
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 114.055 $\pm$ 30.737 χ^2 /NDF:40.6/37

Out: 142.396 $\pm$ 29.078 χ^2 /NDF:38.0/41

All: 129.011 $\pm$ 21.123 χ^2 /NDF: 79.0/79

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 168.204+/-0.029 χ^2/NDF : 539754.1/22

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 169.649+/-0.030 χ^2/NDF : 417168.6/20

Left: 168.901+/-0.021 χ^2/NDF : 958151.9/43

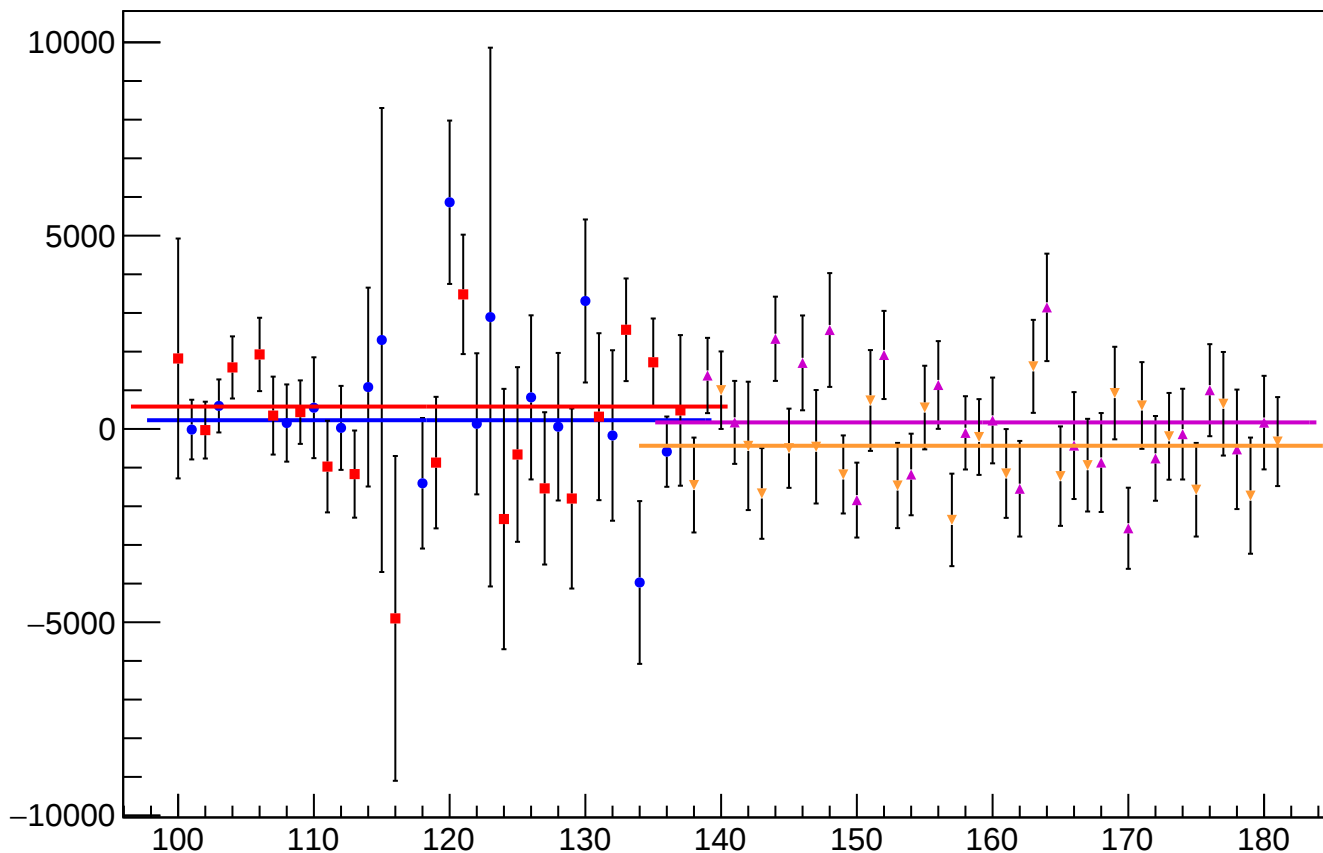
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 143.431+/-0.022 χ^2/NDF : 2923741.9/37

Out: 138.345+/-0.021 χ^2/NDF : 3805645.2/41

All: 140.747+/-0.015 χ^2/NDF : 6758284.0/79

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -434.730 $\pm$ 245.248 χ^2 /NDF:17.9/22

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 169.108 $\pm$ 250.723 χ^2 /NDF:34.4/20

Left: -139.476 $\pm$ 175.320 χ^2 /NDF: 55.3/43

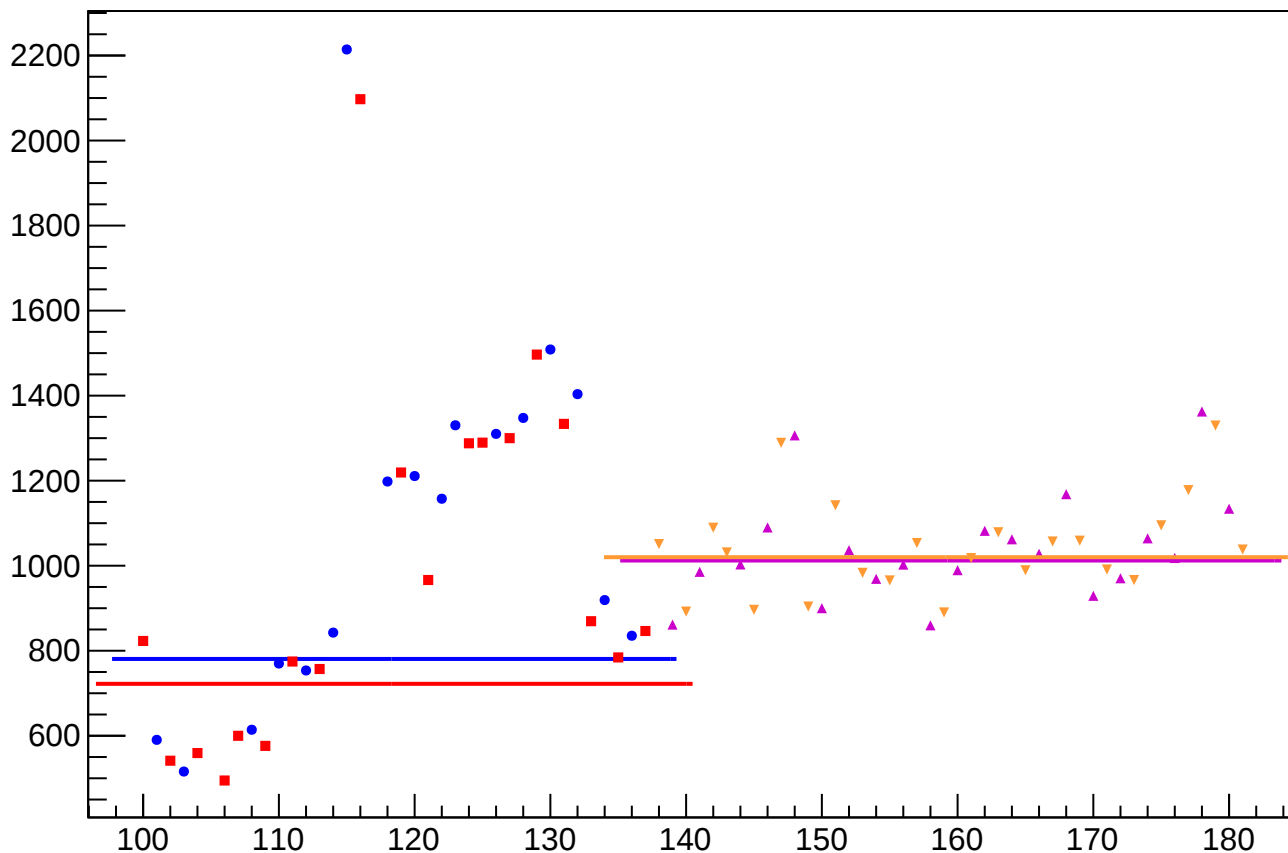
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 190.492 $\pm$ 197.689 χ^2 /NDF:50.4/37

Out: -10.723 $\pm$ 187.056 χ^2 /NDF:46.2/41

All: 84.328 $\pm$ 135.872 χ^2 /NDF: 97.1/79

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1020.005 $\pm$ 0.173 χ^2 /NDF:358562.0/22

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1012.187 $\pm$ 0.177 χ^2 /NDF:402660.6/20

Left: 1016.182 $\pm$ 0.124 χ^2 /NDF: 762216.3/43

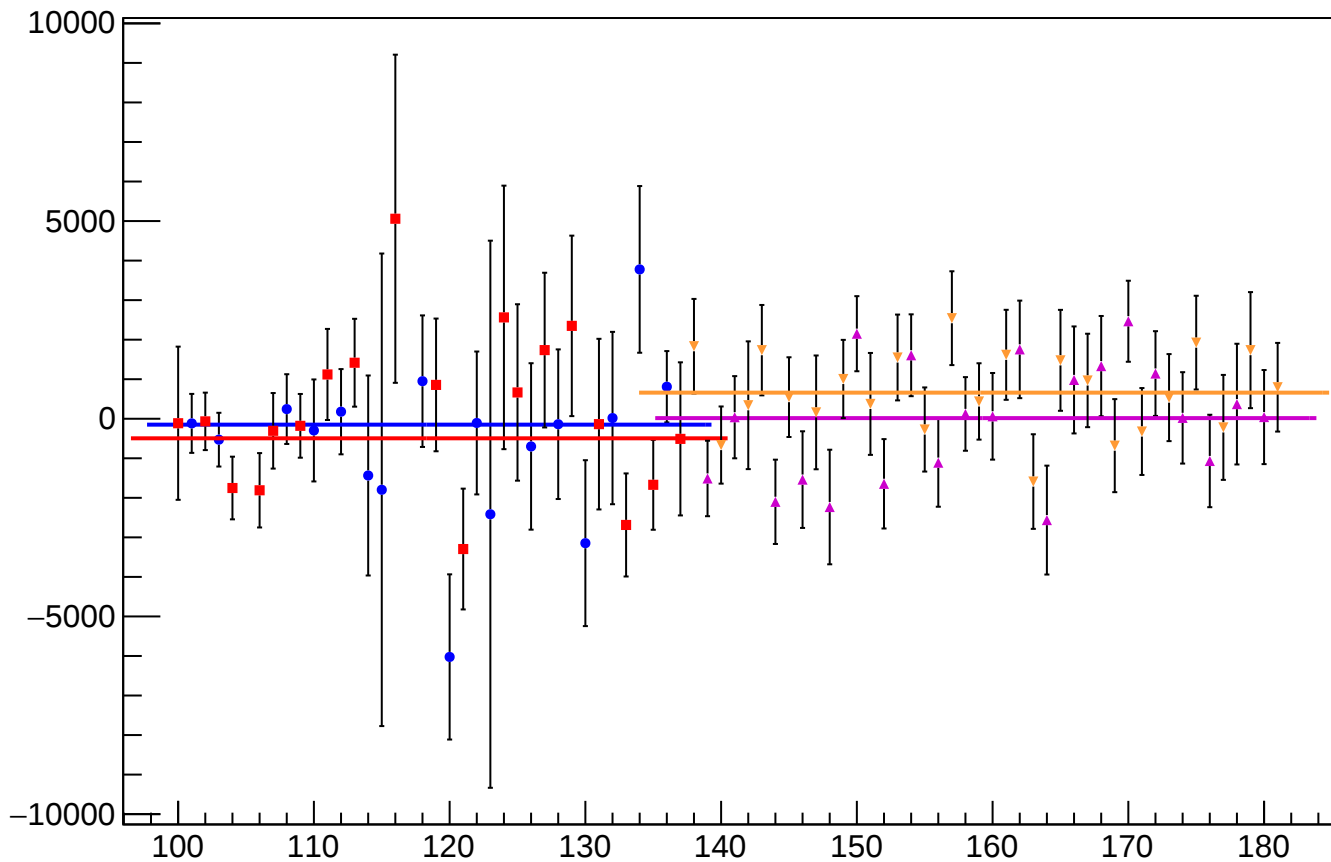
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 924.614 $\pm$ 0.140 χ^2 /NDF:2657138.8/37

Out: 895.424 $\pm$ 0.132 χ^2 /NDF:3221210.0/41

All: 909.213 $\pm$ 0.096 χ^2 /NDF: 5901355.7/79

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 660.370 ± 240.997 χ^2/NDF : 17.0/22

Right Out: -494.856 ± 282.721 χ^2/NDF : 23.7/18

Left In: 16.079 ± 246.497 χ^2/NDF : 36.0/20

Left: 345.493 ± 172.322 χ^2/NDF : 56.5/43

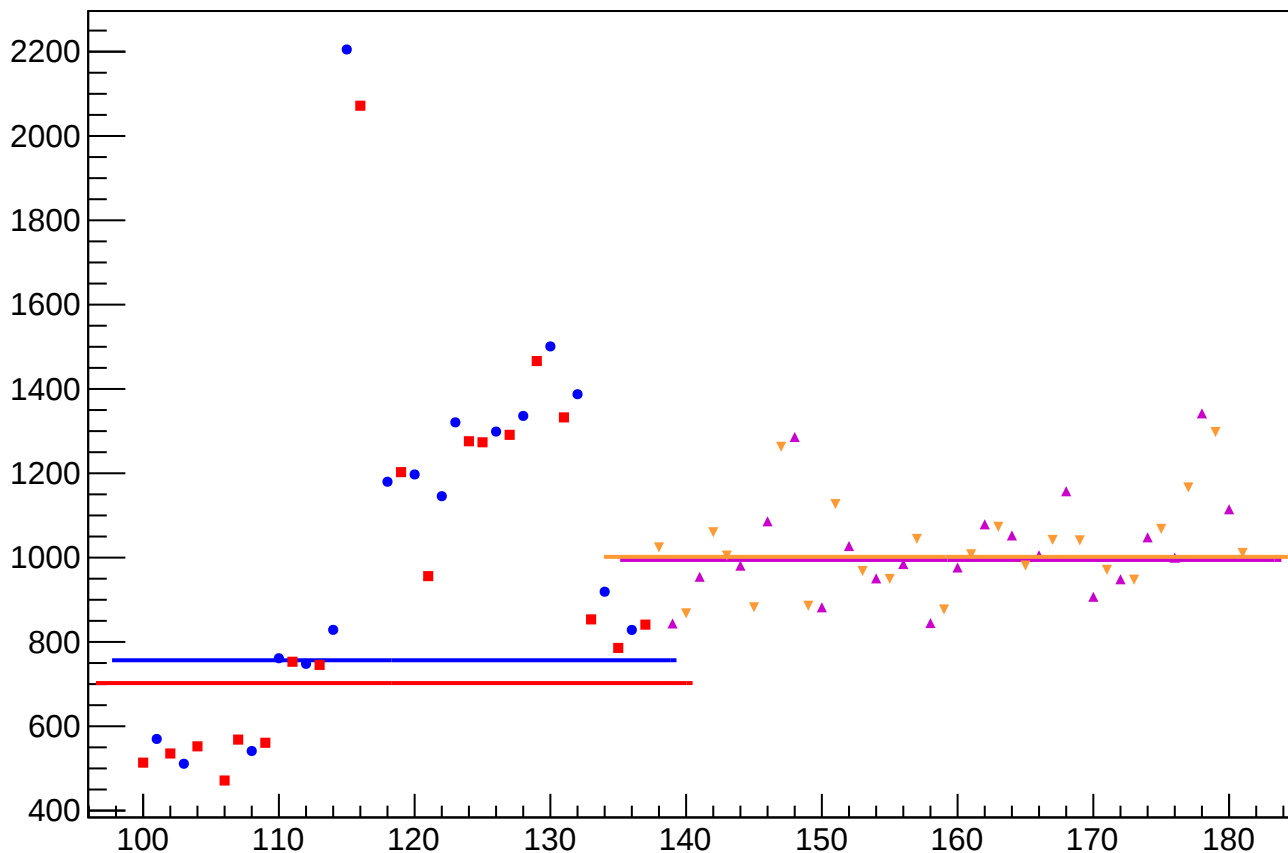
Right: -339.515 ± 209.793 χ^2/NDF : 40.5/35

In: -47.184 ± 193.646 χ^2/NDF : 52.3/37

Out: 174.212 ± 183.406 χ^2/NDF : 50.3/41

All: 69.522 ± 133.160 χ^2/NDF : 103.3/79

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1001.812 $\pm$ 0.170 χ^2 /NDF: 361209.7/22

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 994.469 $\pm$ 0.174 χ^2 /NDF: 423701.7/20

Left: 998.223 $\pm$ 0.122 χ^2 /NDF: 785819.0/43

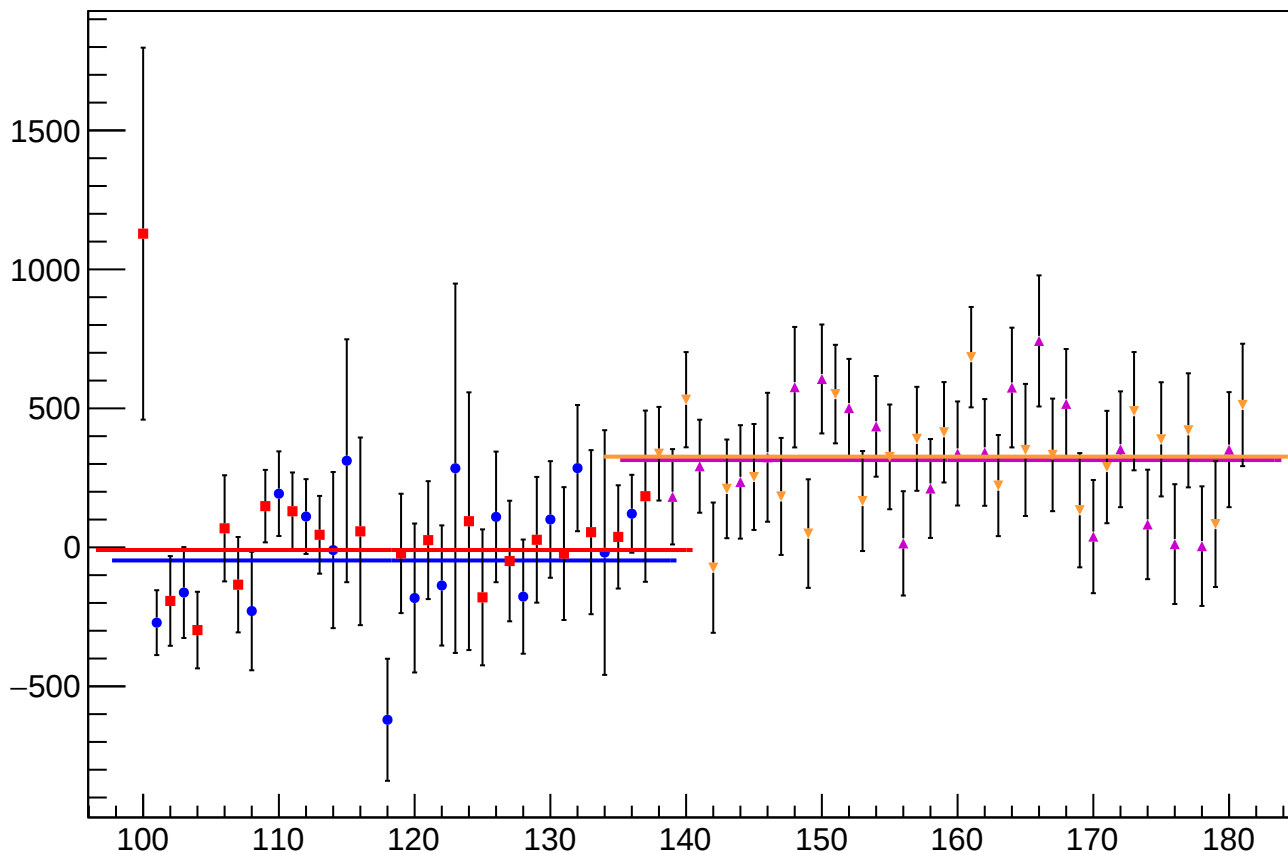
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 903.377 $\pm$ 0.137 χ^2 /NDF: 2850743.3/37

Out: 875.828 $\pm$ 0.130 χ^2 /NDF: 3349363.1/41

All: 888.855 $\pm$ 0.094 χ^2 /NDF: 6221444.8/79

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 326.347 ± 40.604 $\chi^2/\text{NDF}: 18.1/22$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 314.114 ± 42.936 $\chi^2/\text{NDF}: 22.1/20$

Left: 320.572 ± 29.501 $\chi^2/\text{NDF}: 40.2/43$

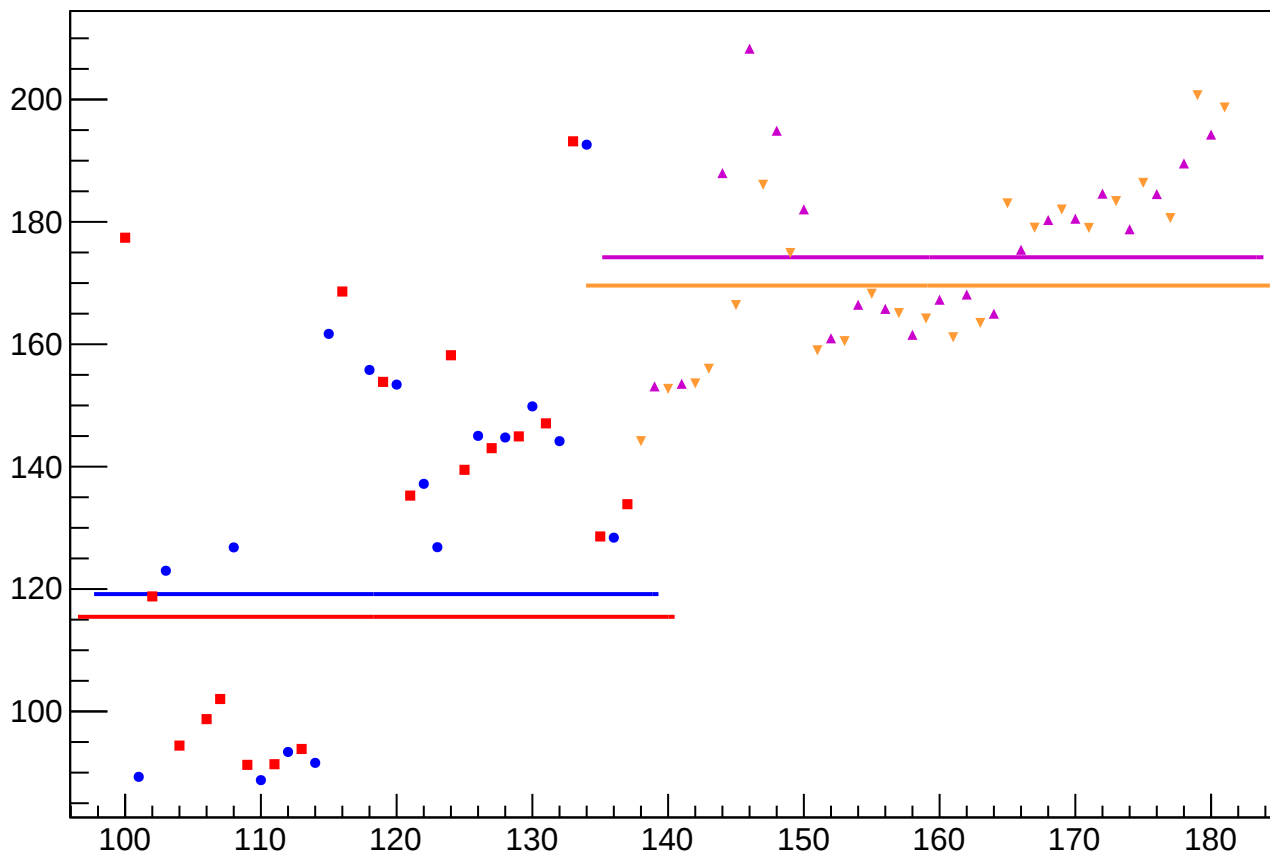
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 150.792 ± 31.782 $\chi^2/\text{NDF}: 76.0/37$

Out: 174.691 ± 30.070 $\chi^2/\text{NDF}: 62.0/41$

All: 163.403 ± 21.843 $\chi^2/\text{NDF}: 138.3/79$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 169.594+/-0.029 χ^2/NDF :244800.3/22

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 174.220+/-0.030 χ^2/NDF :215451.4/20

Left: 171.778+/-0.021 χ^2/NDF : 472508.0/43

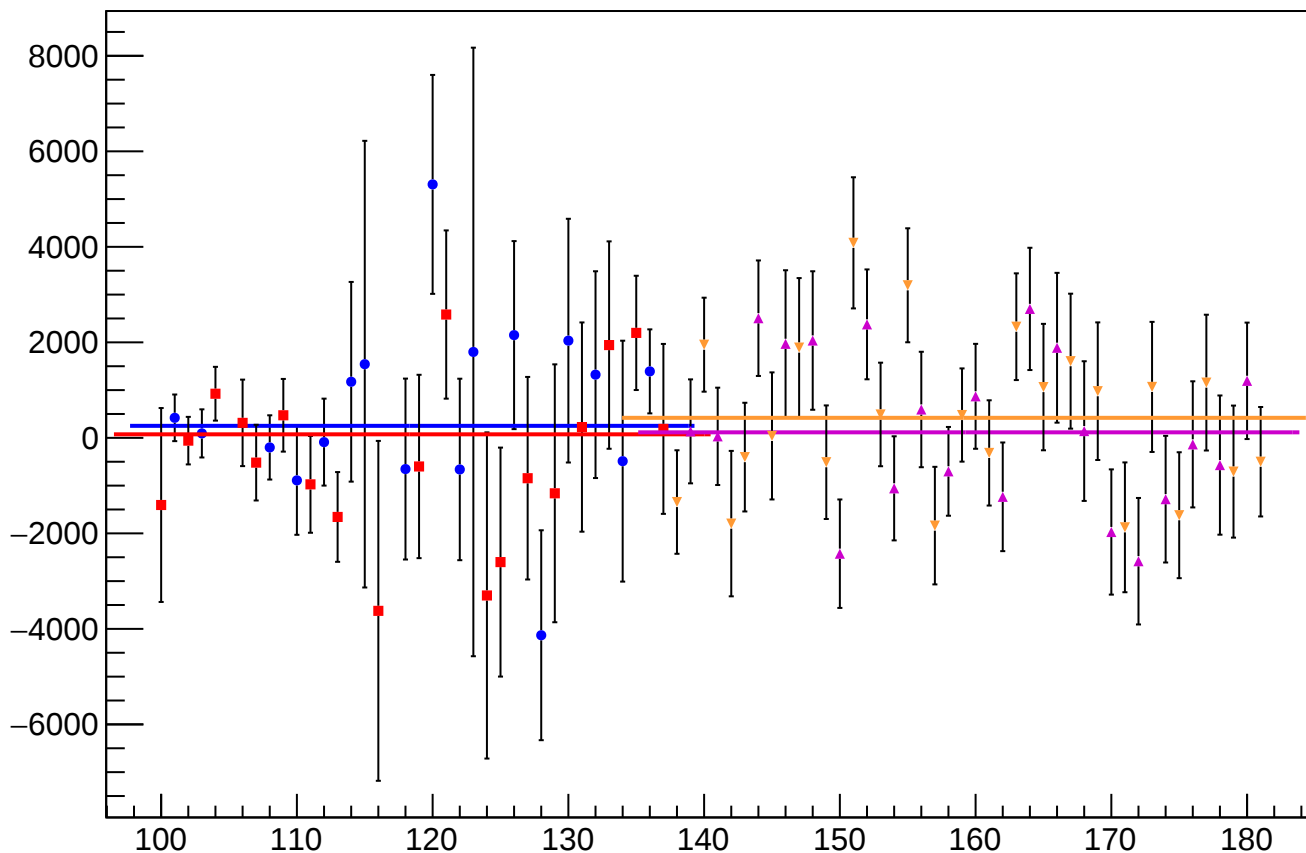
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 149.336+/-0.022 χ^2/NDF :2316812.9/37

Out: 145.152+/-0.021 χ^2/NDF :2542468.6/41

All: 147.128+/-0.015 χ^2/NDF : 4877564.9/79

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 419.576+/-256.186 χ^2/NDF : 36.8/22

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 115.688+/-266.085 χ^2/NDF : 34.1/20

Left: 273.390+/-184.551 χ^2/NDF : 71.6/43

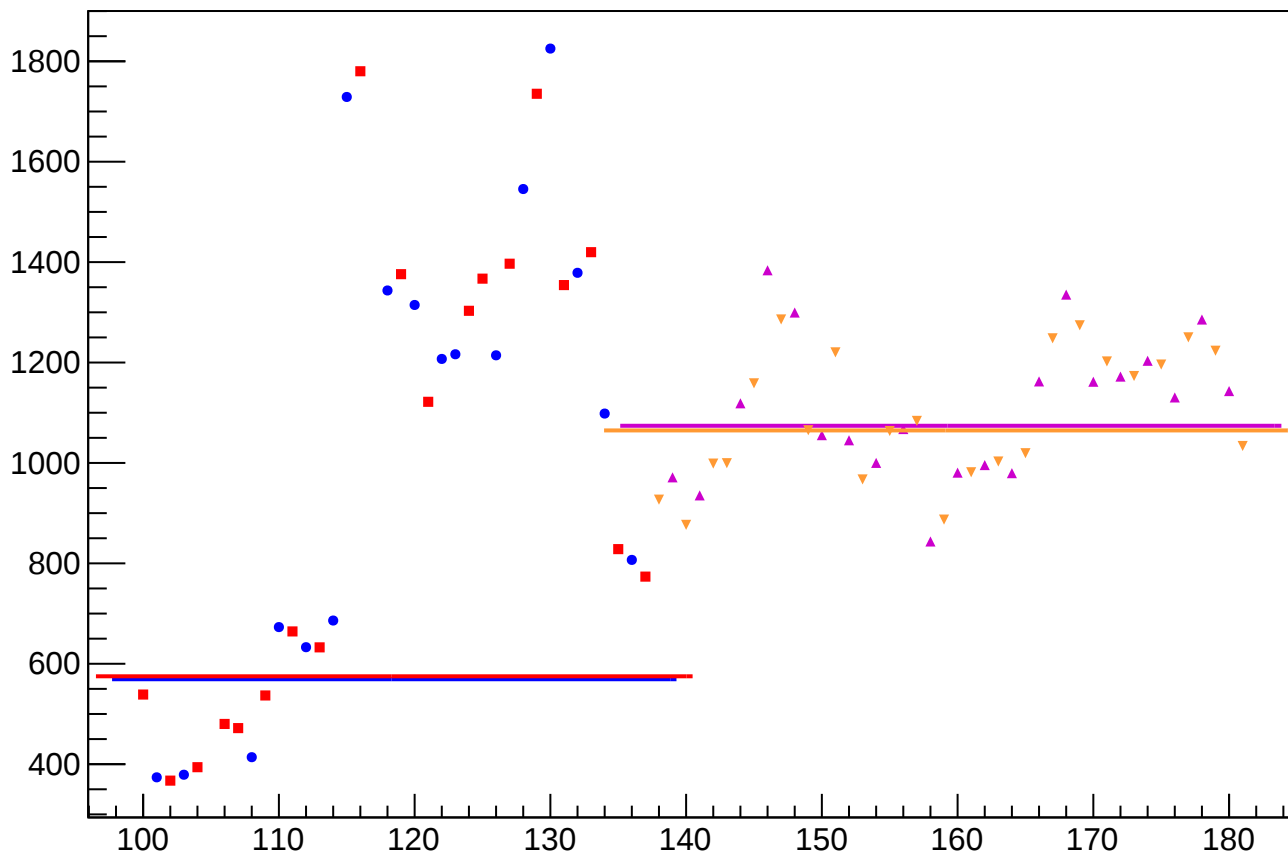
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 187.186+/-183.281 χ^2/NDF : 49.2/37

Out: 238.416+/-176.673 χ^2/NDF : 55.8/41

All: 213.741+/-127.198 χ^2/NDF : 105.0/79

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.768 $\pm$ 0.181 χ^2 /NDF: 491039.4/22

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1074.037 $\pm$ 0.188 χ^2 /NDF: 516914.0/20

Left: 1069.227 $\pm$ 0.130 χ^2 /NDF: 1009213.0/43

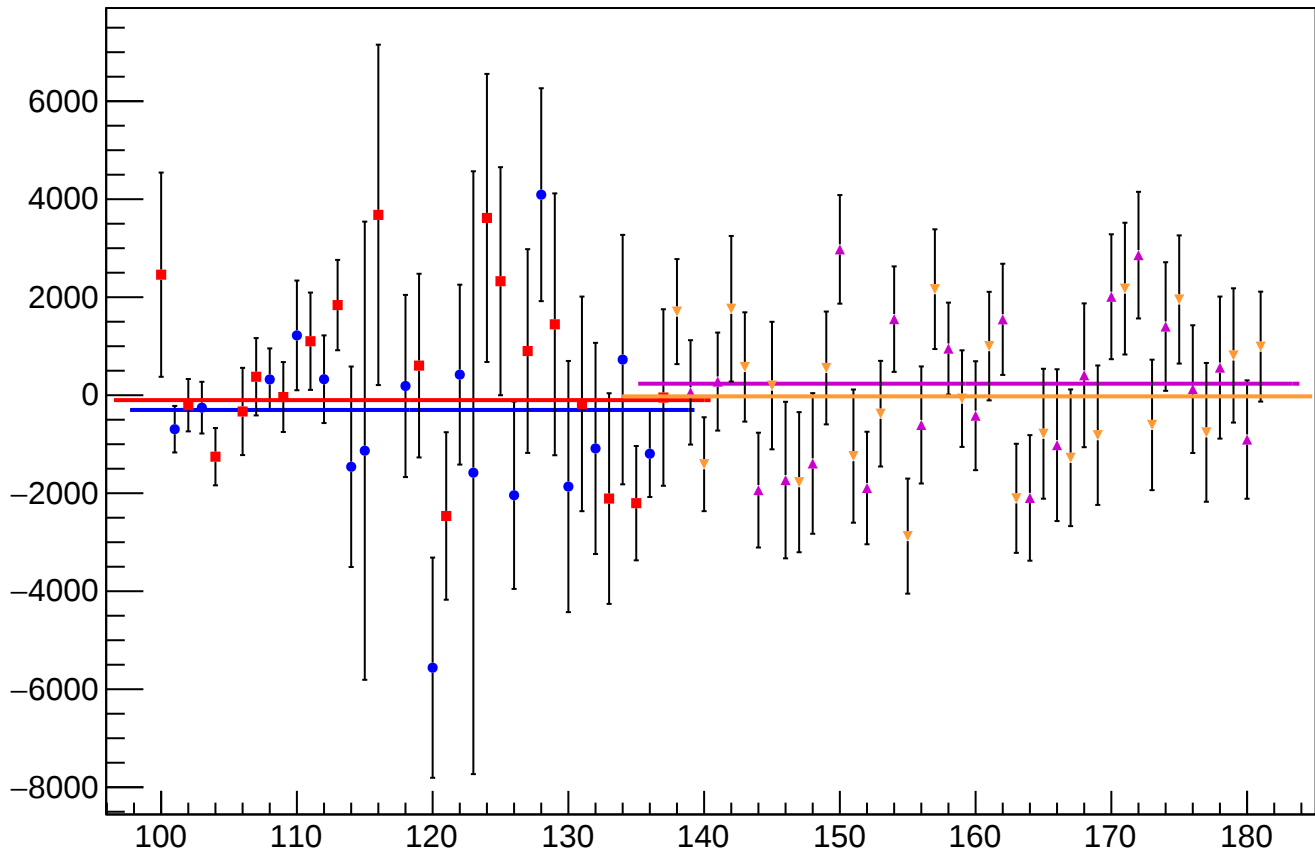
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 808.721 $\pm$ 0.130 χ^2 /NDF: 7567560.1/37

Out: 807.953 $\pm$ 0.125 χ^2 /NDF: 7382471.5/41

All: 808.323 $\pm$ 0.090 χ^2 /NDF: 14950049.8/79

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -23.374 ± 253.142 χ^2/NDF : 30.6/22

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 235.151 ± 263.672 χ^2/NDF : 31.9/20

Left: 100.623 ± 182.608 χ^2/NDF : 63.0/43

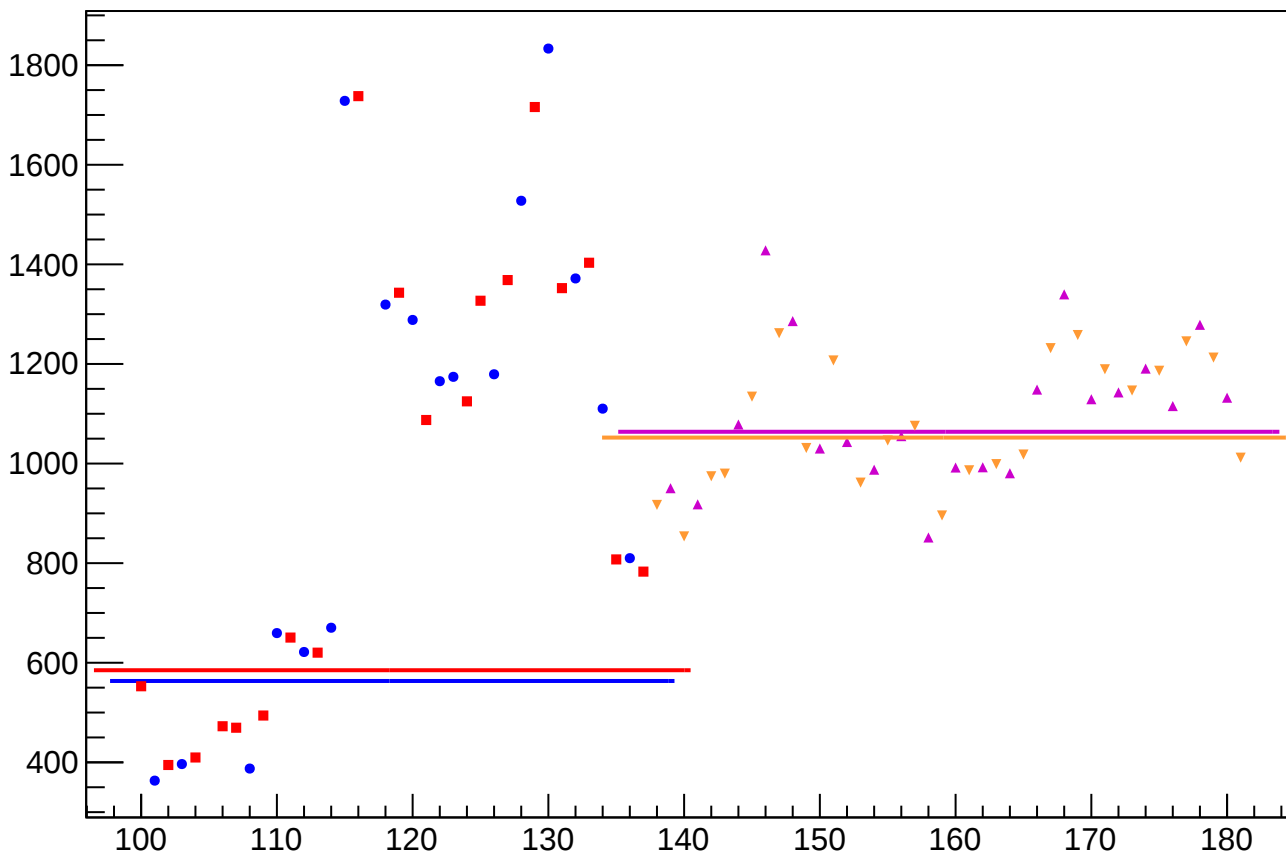
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -46.679 ± 181.533 χ^2/NDF : 50.8/37

Out: -62.762 ± 176.405 χ^2/NDF : 53.1/41

All: -54.951 ± 126.511 χ^2/NDF : 103.8/79

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1052.177 ± 0.179 $\chi^2/\text{NDF}: 481581.9/22$

Right Out: 584.984 ± 0.174 $\chi^2/\text{NDF}: 2818628.0/18$

Left In: 1063.833 ± 0.186 $\chi^2/\text{NDF}: 518768.4/20$

Left: 1057.768 ± 0.129 $\chi^2/\text{NDF}: 1002384.3/43$

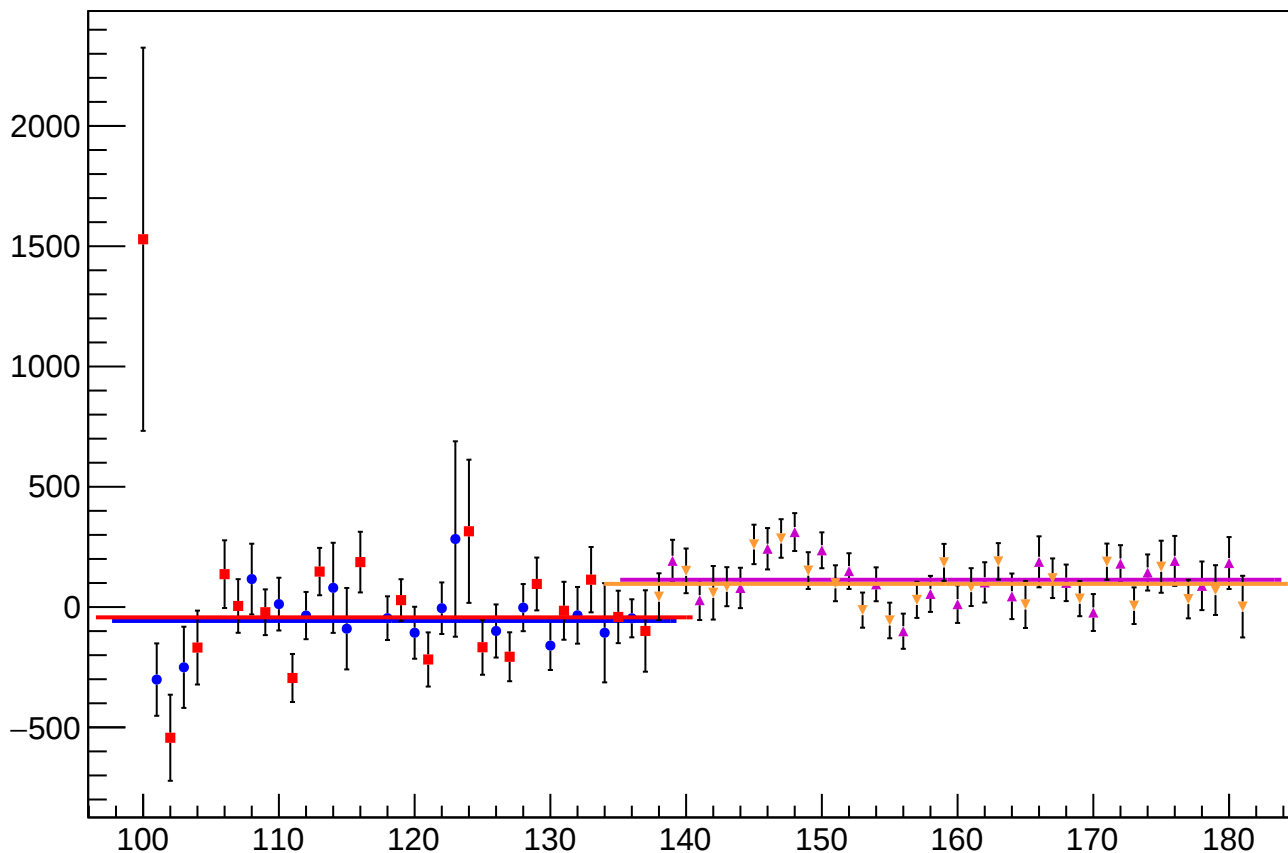
Right: 574.377 ± 0.124 $\chi^2/\text{NDF}: 6085244.2/35$

In: 800.604 ± 0.128 $\chi^2/\text{NDF}: 7567362.9/37$

Out: 811.859 ± 0.125 $\chi^2/\text{NDF}: 6804359.3/41$

All: 806.393 ± 0.089 $\chi^2/\text{NDF}: 14375676.0/79$

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 96.401 ± 17.289 χ^2/NDF : 27.1/22

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 113.456 ± 17.909 χ^2/NDF : 30.7/20

Left: 104.628 ± 12.439 χ^2/NDF : 58.3/43

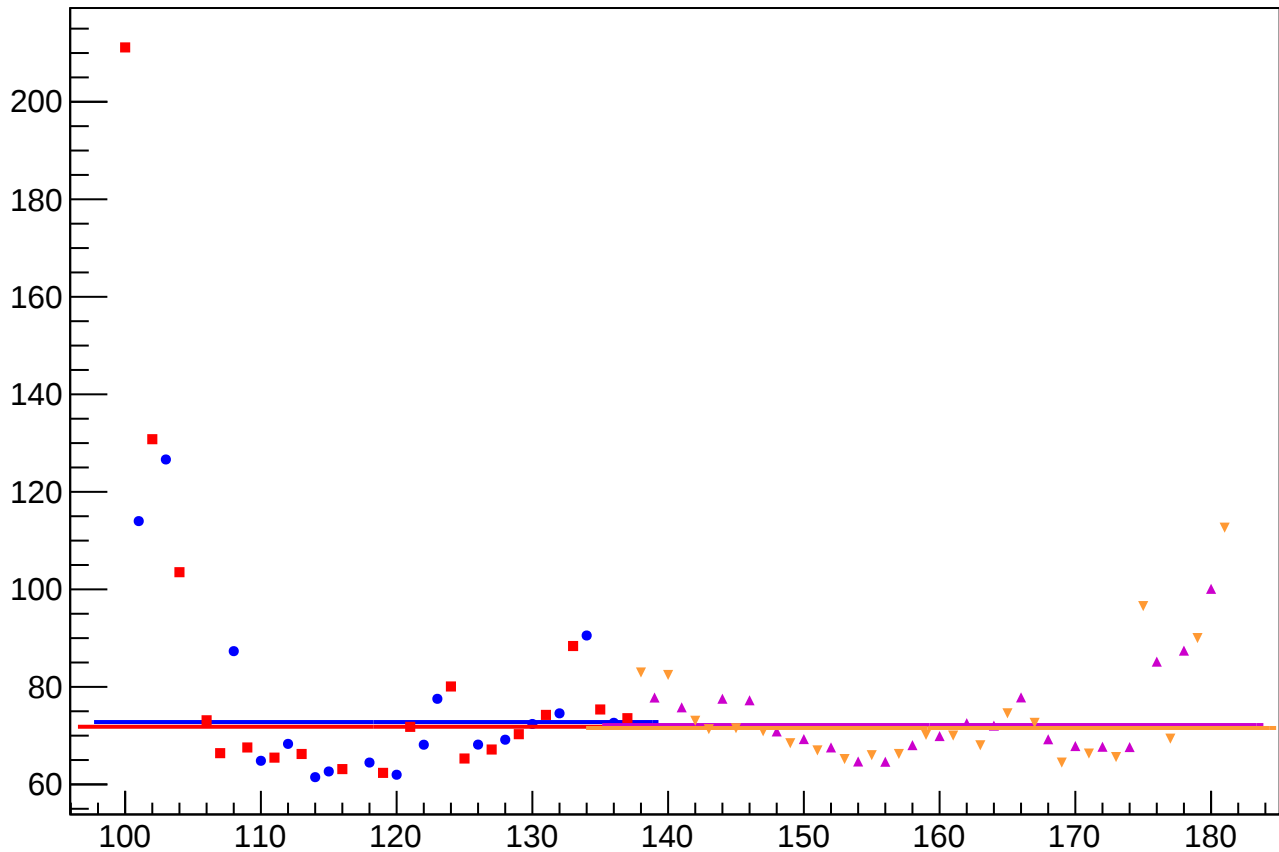
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 65.470 ± 15.192 χ^2/NDF : 65.4/37

Out: 57.367 ± 14.666 χ^2/NDF : 84.4/41

All: 61.276 ± 10.552 χ^2/NDF : 149.9/79

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 71.572 $\pm$ 0.012 χ^2 /NDF: 529281.6/22

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 72.176 $\pm$ 0.013 χ^2 /NDF: 329944.7/20

Left: 71.863 $\pm$ 0.009 χ^2 /NDF: 860400.6/43

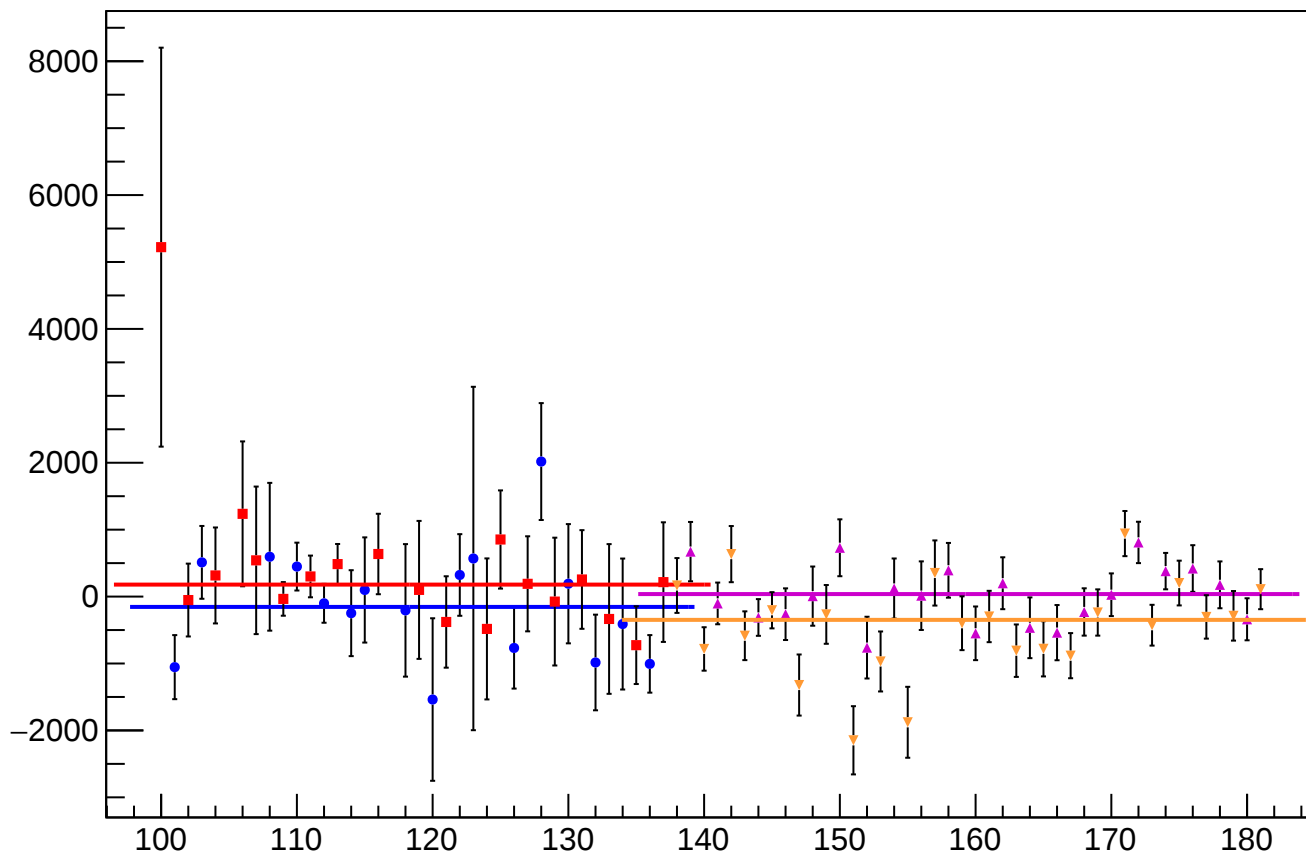
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 72.348 $\pm$ 0.011 χ^2 /NDF: 795376.9/37

Out: 71.643 $\pm$ 0.010 χ^2 /NDF: 995054.2/41

All: 71.983 $\pm$ 0.007 χ^2 /NDF: 1792659.6/79

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -347.932 ± 77.171 χ^2/NDF : 63.9/22

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: 37.555 ± 79.701 χ^2/NDF : 27.6/20

Left: -161.404 ± 55.441 χ^2/NDF : 103.5/43

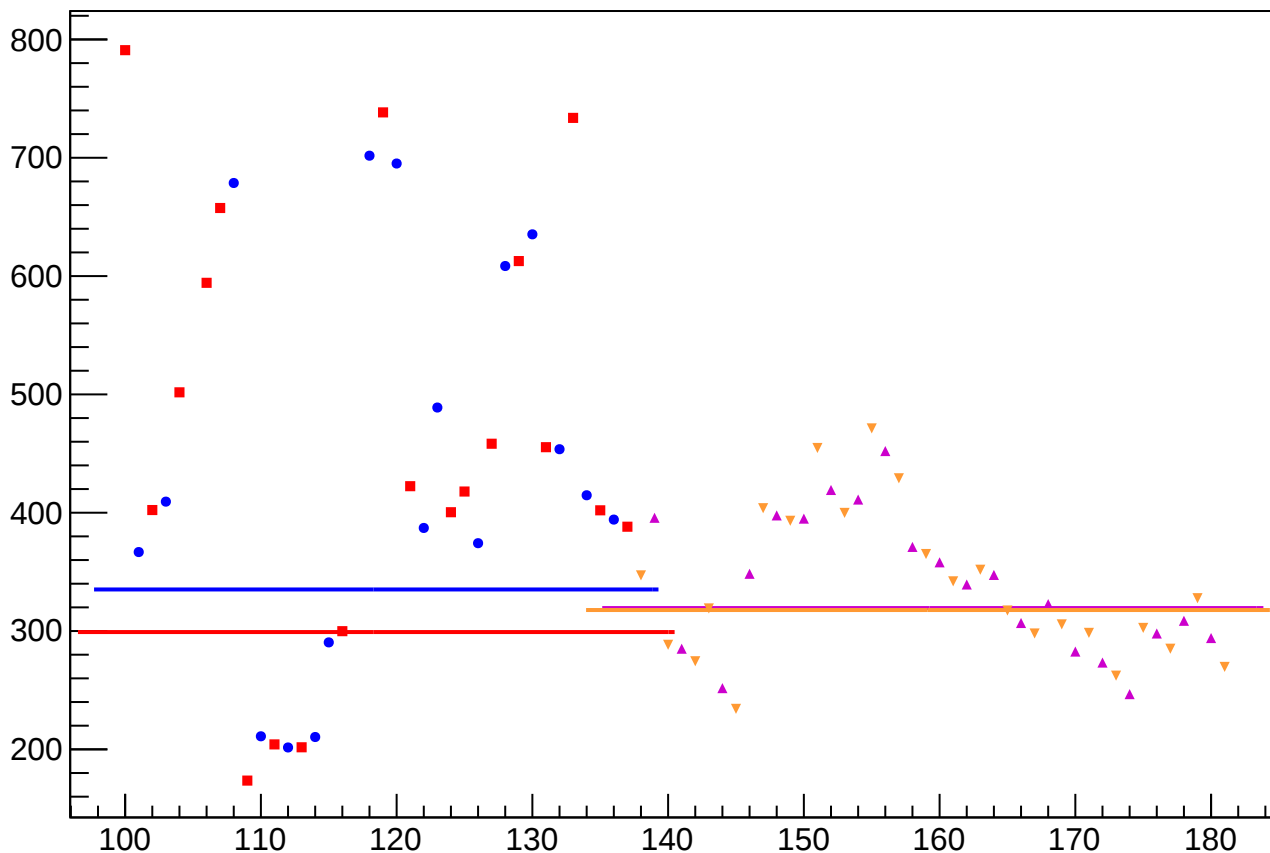
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -9.077 ± 69.348 χ^2/NDF : 52.2/37

Out: -204.350 ± 65.824 χ^2/NDF : 87.8/41

All: -111.800 ± 47.742 χ^2/NDF : 144.2/79

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 317.754+/-0.055 χ^2/NDF : 1063117.0/22

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 319.420+/-0.056 χ^2/NDF : 955581.6/20

Left: 318.560+/-0.039 χ^2/NDF : 2019149.9/43

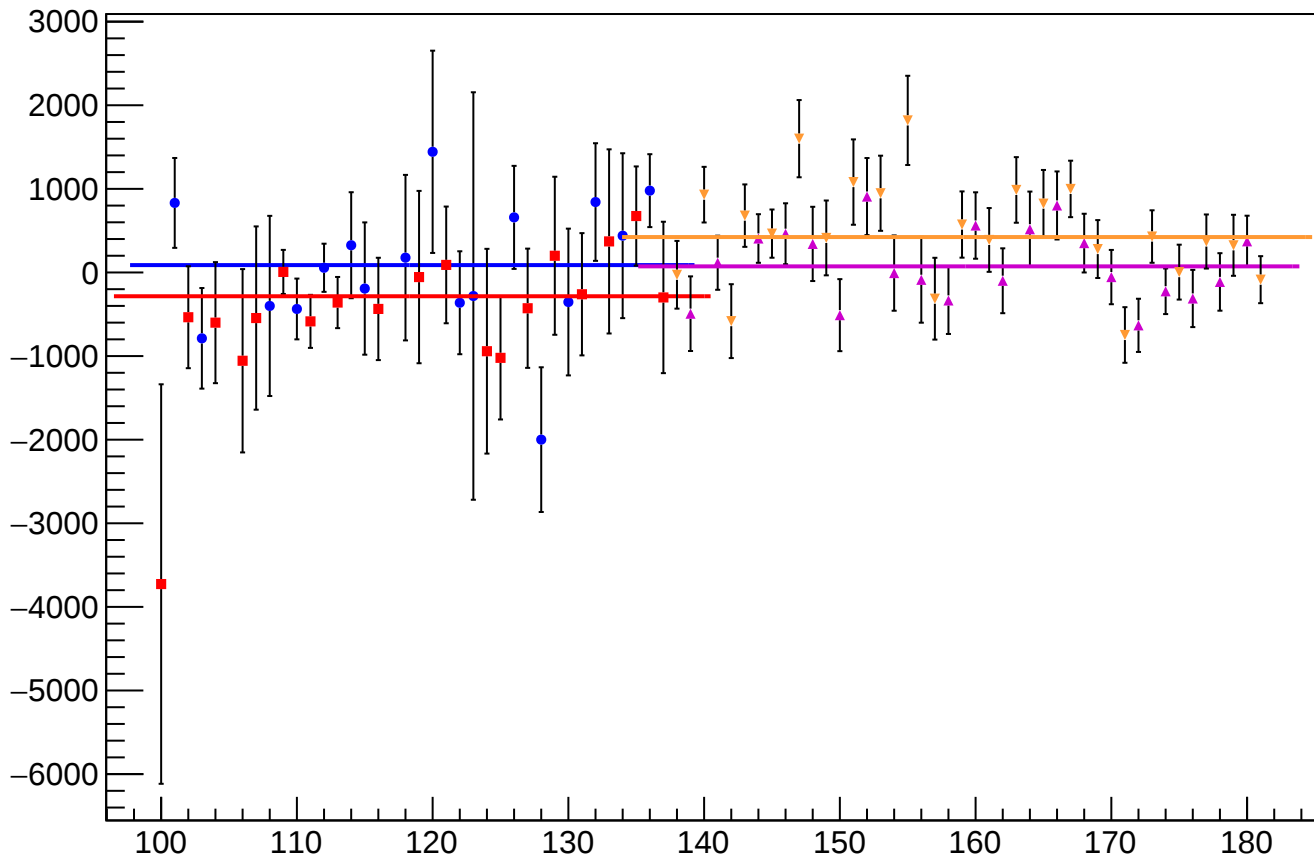
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 323.238+/-0.049 χ^2/NDF : 2968513.3/37

Out: 312.681+/-0.047 χ^2/NDF : 3925925.0/41

All: 317.684+/-0.034 χ^2/NDF : 6918818.2/79

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 423.510+/-77.431 χ^2/NDF : 51.5/22

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 72.953+/-79.920 χ^2/NDF : 26.0/20

Left: 253.776+/-55.611 χ^2/NDF : 87.5/43

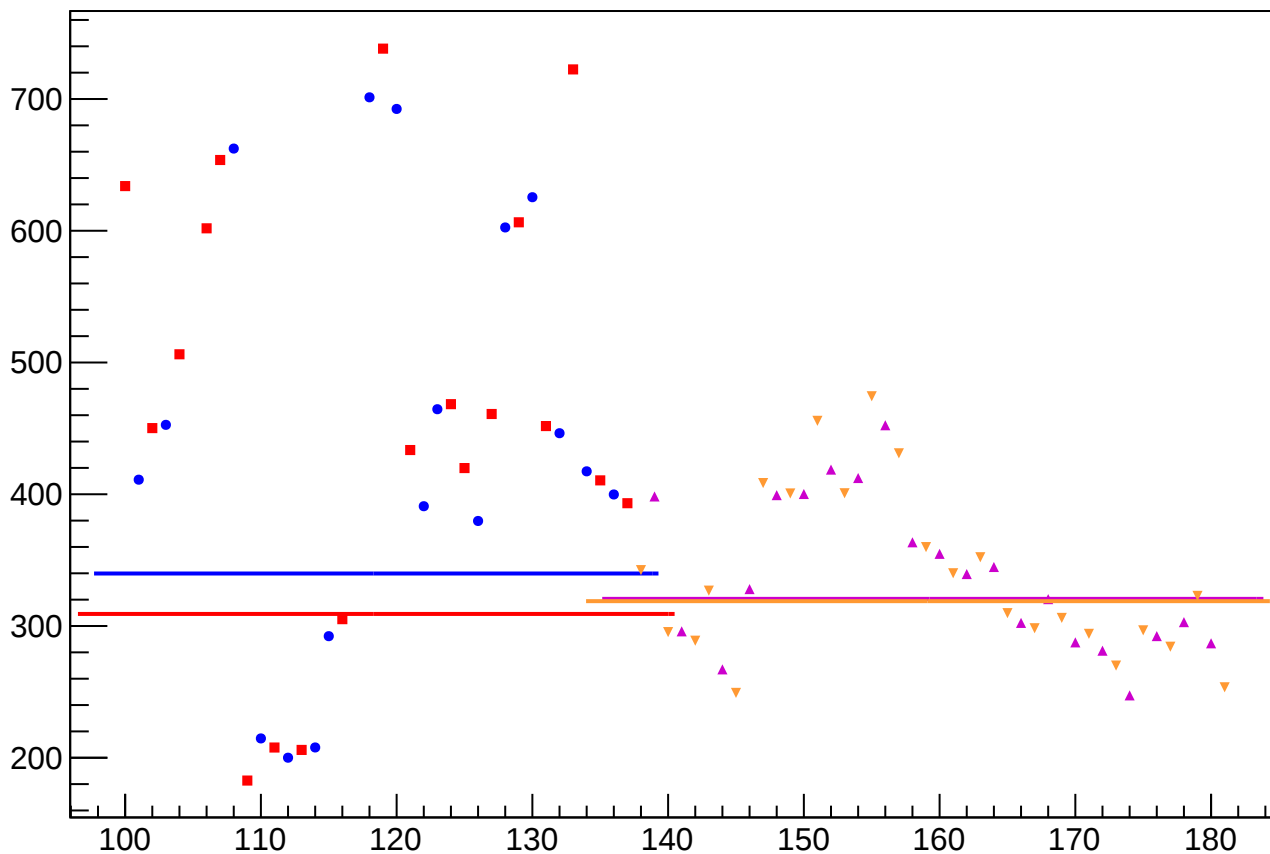
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 76.561+/-69.766 χ^2/NDF : 46.8/37

Out: 237.417+/-66.481 χ^2/NDF : 83.7/41

All: 160.865+/-48.129 χ^2/NDF : 133.3/79

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 318.860+/-0.055 χ^2/NDF :1023981.0/22

Right Out: 309.158+/-0.092 χ^2/NDF : 2735887.4/18

Left In: 320.603+/-0.057 χ^2/NDF :868470.4/20

Left: 319.704+/-0.039 χ^2/NDF : 1892941.8/43

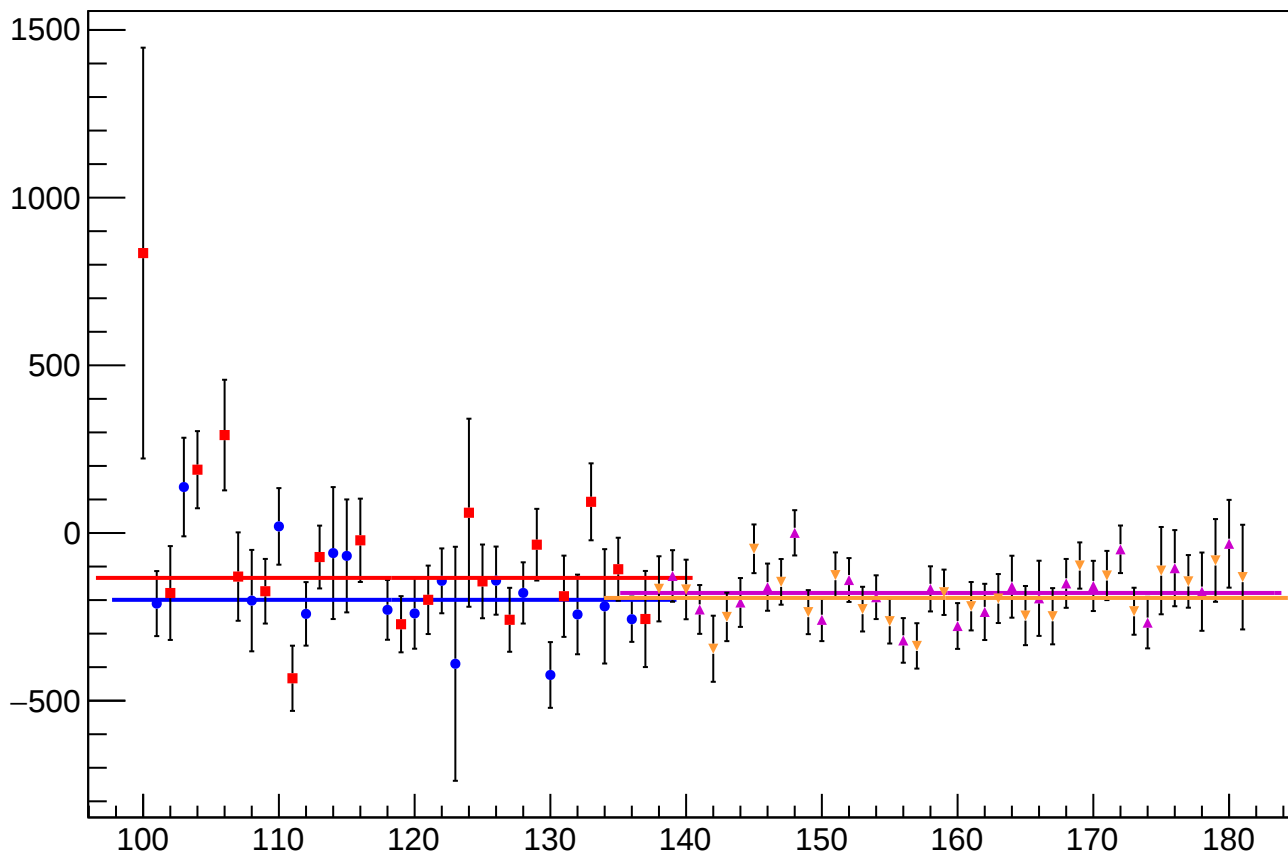
Right: 323.006+/-0.068 χ^2/NDF : 4829958.1/35

In: 325.183+/-0.049 χ^2/NDF :2939595.9/37

Out: 316.310+/-0.047 χ^2/NDF :3768120.6/41

All: 320.533+/-0.034 χ^2/NDF : 6724670.0/79

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -193.620 $\pm$ 16.117 χ^2/NDF : 20.8/22

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -178.728 $\pm$ 16.598 χ^2/NDF : 23.9/20

Left: -186.393 $\pm$ 11.563 χ^2/NDF : 45.1/43

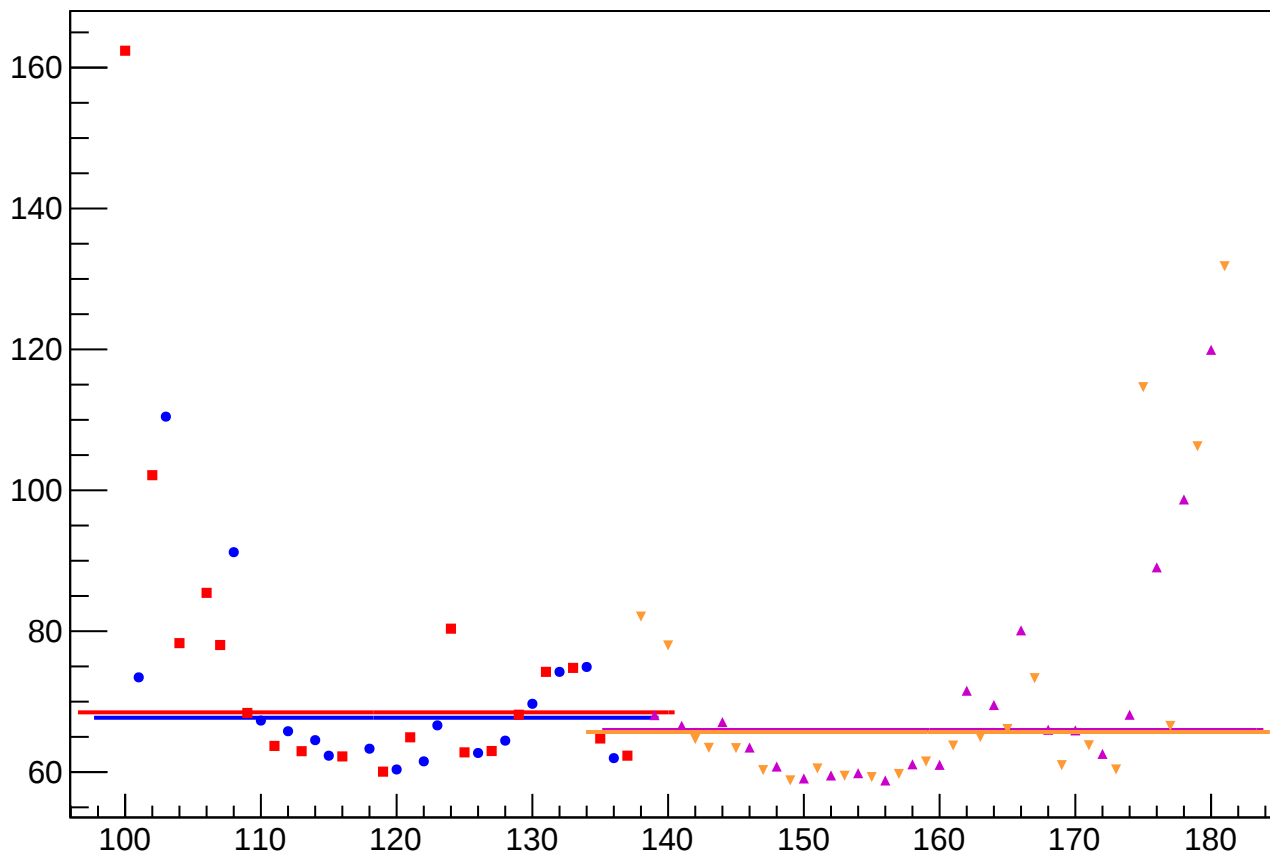
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -184.506 $\pm$ 14.069 χ^2/NDF : 41.9/37

Out: -177.235 $\pm$ 13.732 χ^2/NDF : 63.7/41

All: -180.783 $\pm$ 9.827 χ^2/NDF : 105.8/79

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 65.693 ± 0.011 $\chi^2/\text{NDF}: 1103129.9/22$

Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$

Left In: 65.978 ± 0.012 $\chi^2/\text{NDF}: 751178.1/20$

Left: 65.831 ± 0.008 $\chi^2/\text{NDF}: 1854612.3/43$

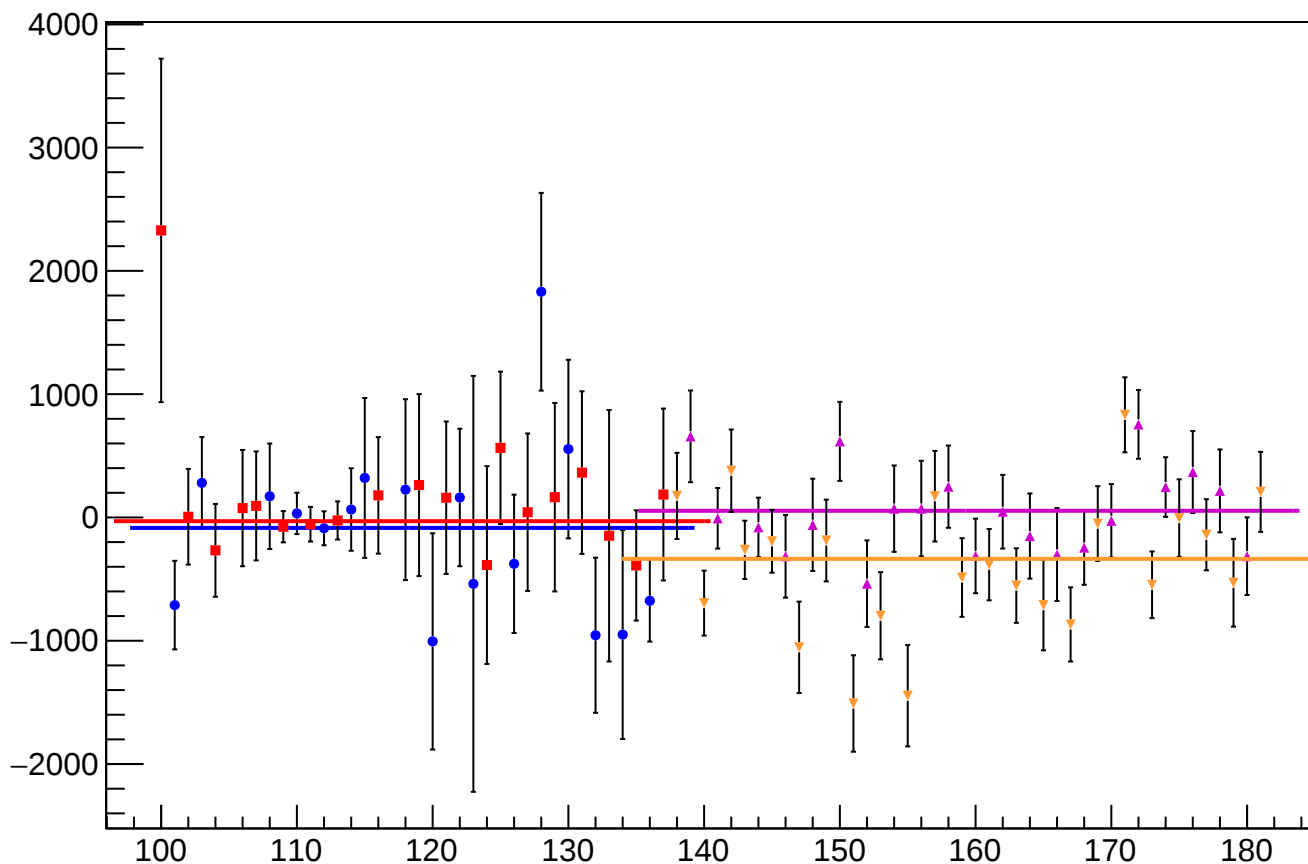
Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$

In: 66.467 ± 0.010 $\chi^2/\text{NDF}: 1040240.0/37$

Out: 66.457 ± 0.010 $\chi^2/\text{NDF}: 1400961.9/41$

All: 66.462 ± 0.007 $\chi^2/\text{NDF}: 2441202.4/79$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -335.984 ± 65.196 χ^2/NDF : 58.7/22

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 53.973 ± 67.960 χ^2/NDF : 23.8/20

Left: -149.099 ± 47.047 χ^2/NDF : 99.6/43

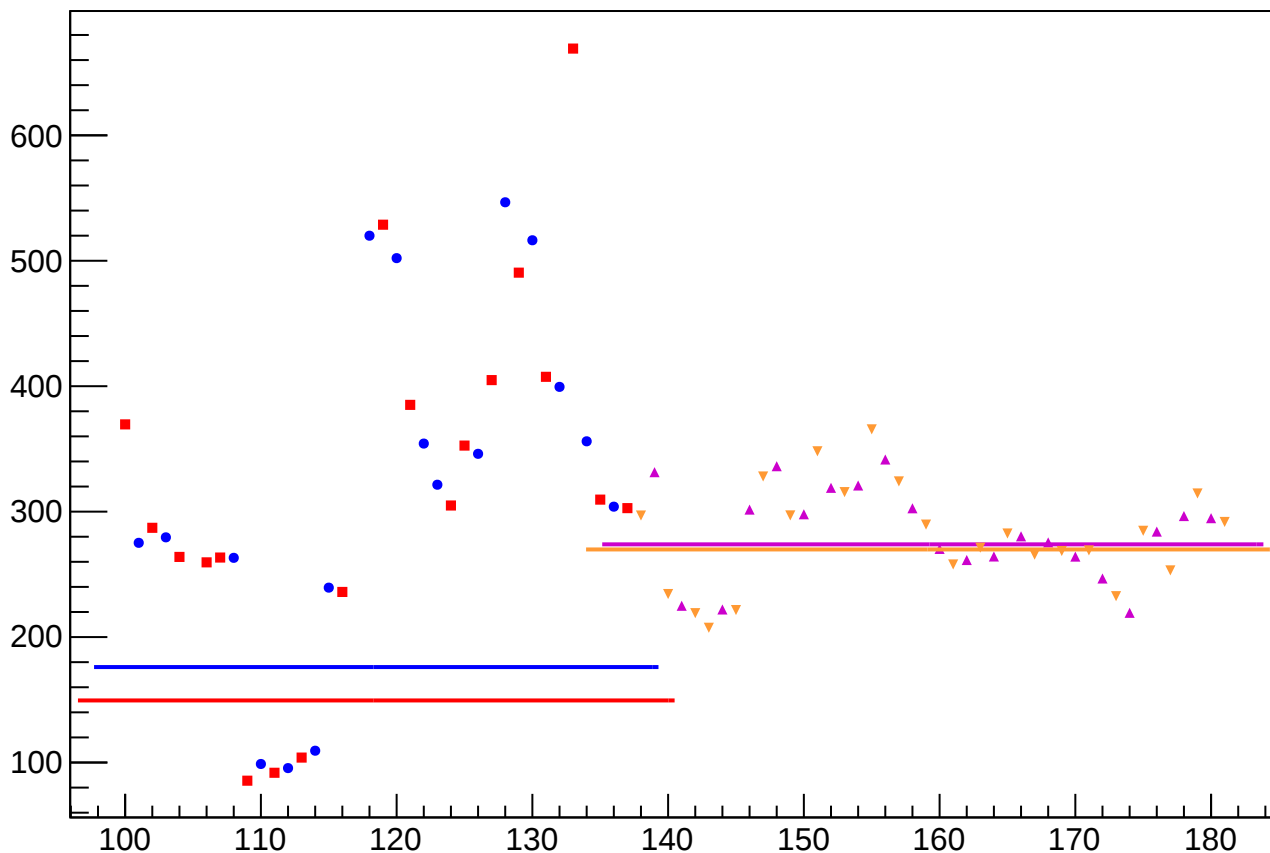
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -1.975 ± 52.498 χ^2/NDF : 45.4/37

Out: -193.219 ± 47.601 χ^2/NDF : 75.3/41

All: -106.929 ± 35.263 χ^2/NDF : 127.9/79

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.856+/-0.046 χ^2/NDF : 738383.6/22

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 273.929+/-0.048 χ^2/NDF : 594319.5/20

Left: 271.808+/-0.033 χ^2/NDF : 1336444.6/43

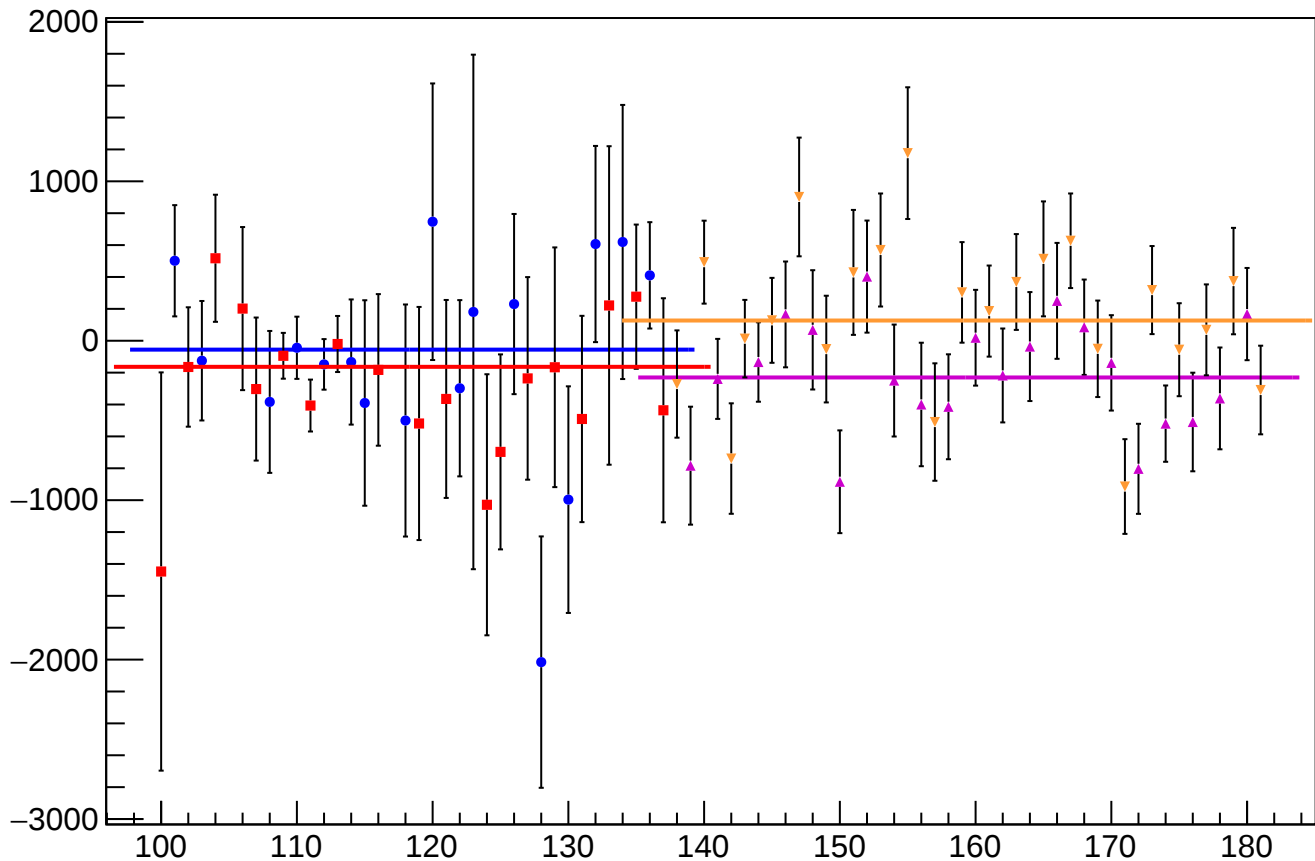
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 234.475+/-0.037 χ^2/NDF : 6489432.1/37

Out: 213.652+/-0.034 χ^2/NDF : 8742659.3/41

All: 223.047+/-0.025 χ^2/NDF : 15404763.2/79

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 126.889 ± 64.472 $\chi^2/\text{NDF}: 47.6/22$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -230.335 ± 67.332 $\chi^2/\text{NDF}: 24.7/20$

Left: -43.976 ± 46.567 $\chi^2/\text{NDF}: 87.0/43$

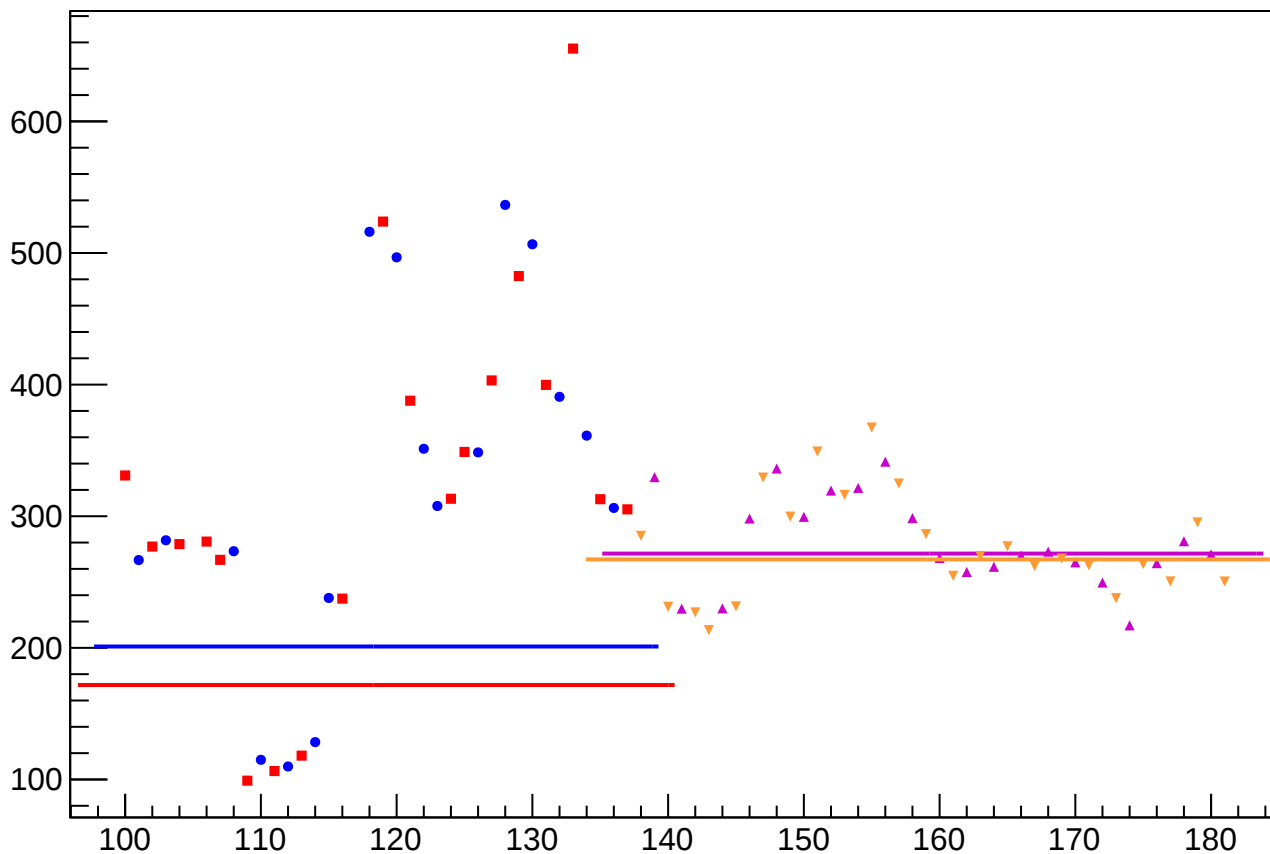
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -168.183 ± 54.036 $\chi^2/\text{NDF}: 44.3/37$

Out: 7.047 ± 49.413 $\chi^2/\text{NDF}: 67.4/41$

All: -72.752 ± 36.465 $\chi^2/\text{NDF}: 117.4/79$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 267.202 $\pm$ 0.046 χ^2 /NDF:636870.4/22

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 271.620 $\pm$ 0.048 χ^2 /NDF:530575.8/20

Left: 269.315 $\pm$ 0.033 χ^2 /NDF: 1171939.4/43

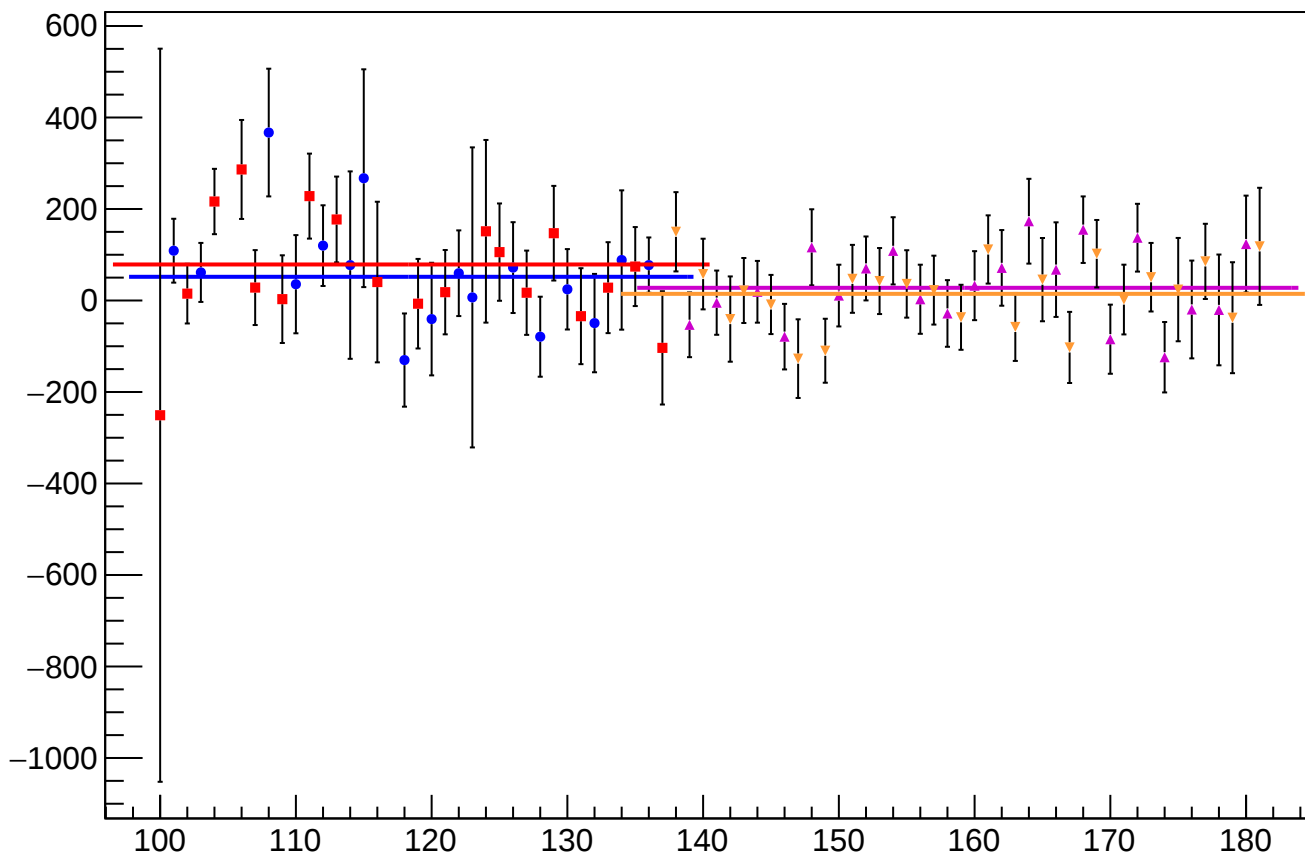
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 246.497 $\pm$ 0.038 χ^2 /NDF:4745908.7/37

Out: 227.824 $\pm$ 0.035 χ^2 /NDF:6543282.9/41

All: 236.328 $\pm$ 0.026 χ^2 /NDF: 11419249.4/79

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: 14.545 $\pm$ 16.525 χ^2 /NDF:18.4/22

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 27.717 $\pm$ 17.080 χ^2 /NDF:22.6/20

Left: 20.913 $\pm$ 11.876 χ^2 /NDF: 41.3/43

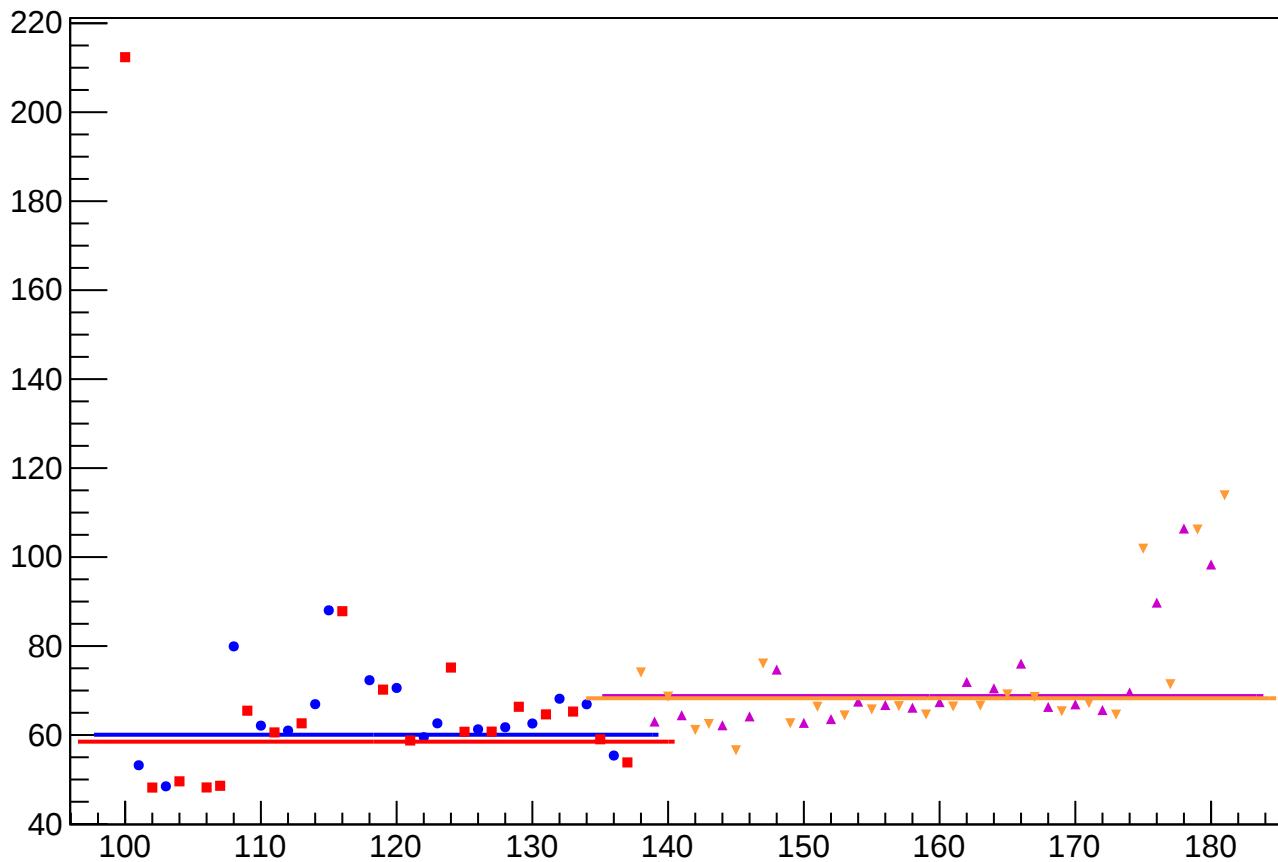
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 36.023 $\pm$ 13.824 χ^2 /NDF:37.9/37

Out: 37.054 $\pm$ 13.317 χ^2 /NDF:42.8/41

All: 36.558 $\pm$ 9.591 χ^2 /NDF: 80.7/79

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 68.262 ± 0.012 $\chi^2/\text{NDF}: 785092.2/22$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 68.761 ± 0.012 $\chi^2/\text{NDF}: 538069.2/20$

Left: 68.503 ± 0.008 $\chi^2/\text{NDF}: 1324042.0/43$

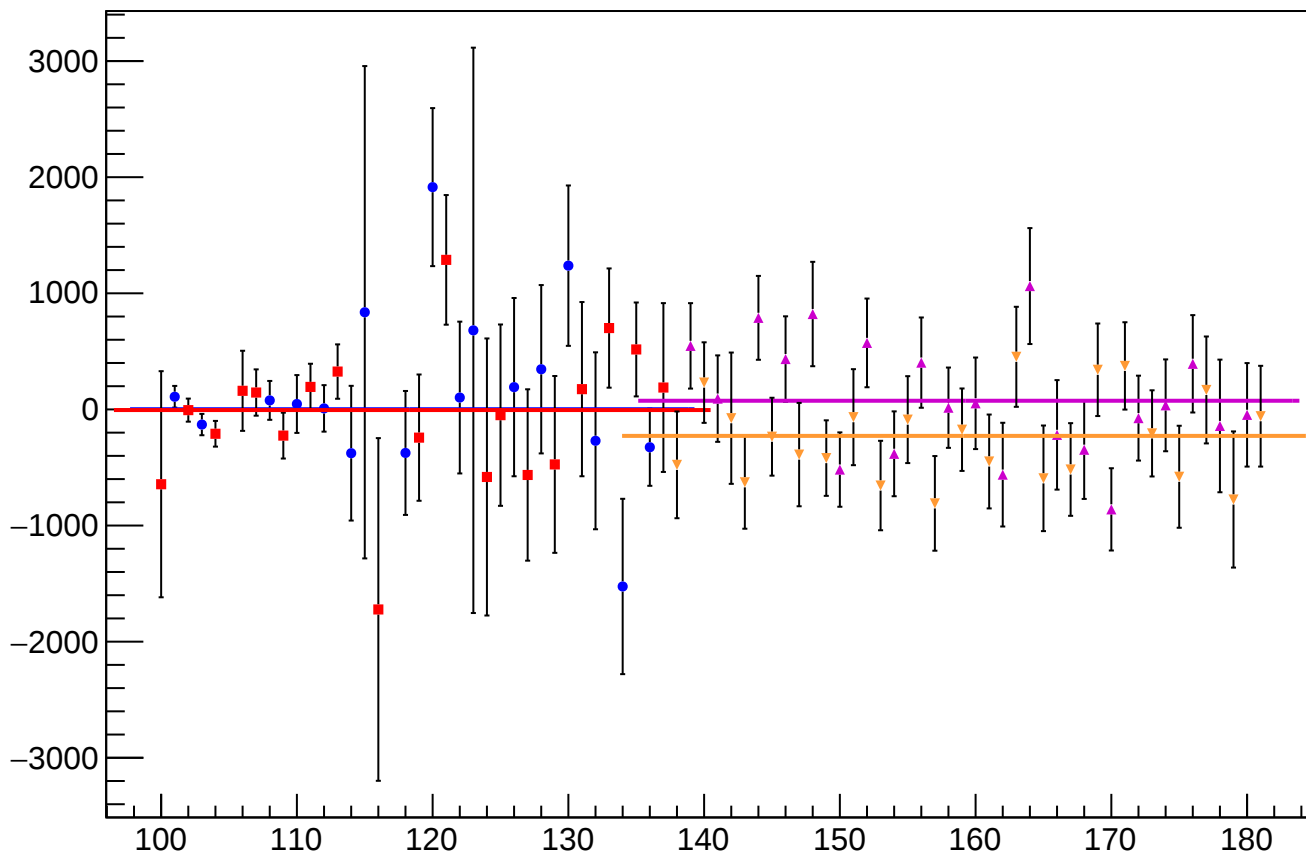
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 65.761 ± 0.010 $\chi^2/\text{NDF}: 945958.9/37$

Out: 64.842 ± 0.009 $\chi^2/\text{NDF}: 1378192.8/41$

All: 65.285 ± 0.007 $\chi^2/\text{NDF}: 2328737.3/79$

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: -227.895 ± 84.248 $\chi^2/\text{NDF}: 18.2/22$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 74.703 ± 86.118 $\chi^2/\text{NDF}: 32.0/20$

Left: -79.916 ± 60.223 $\chi^2/\text{NDF}: 56.5/43$

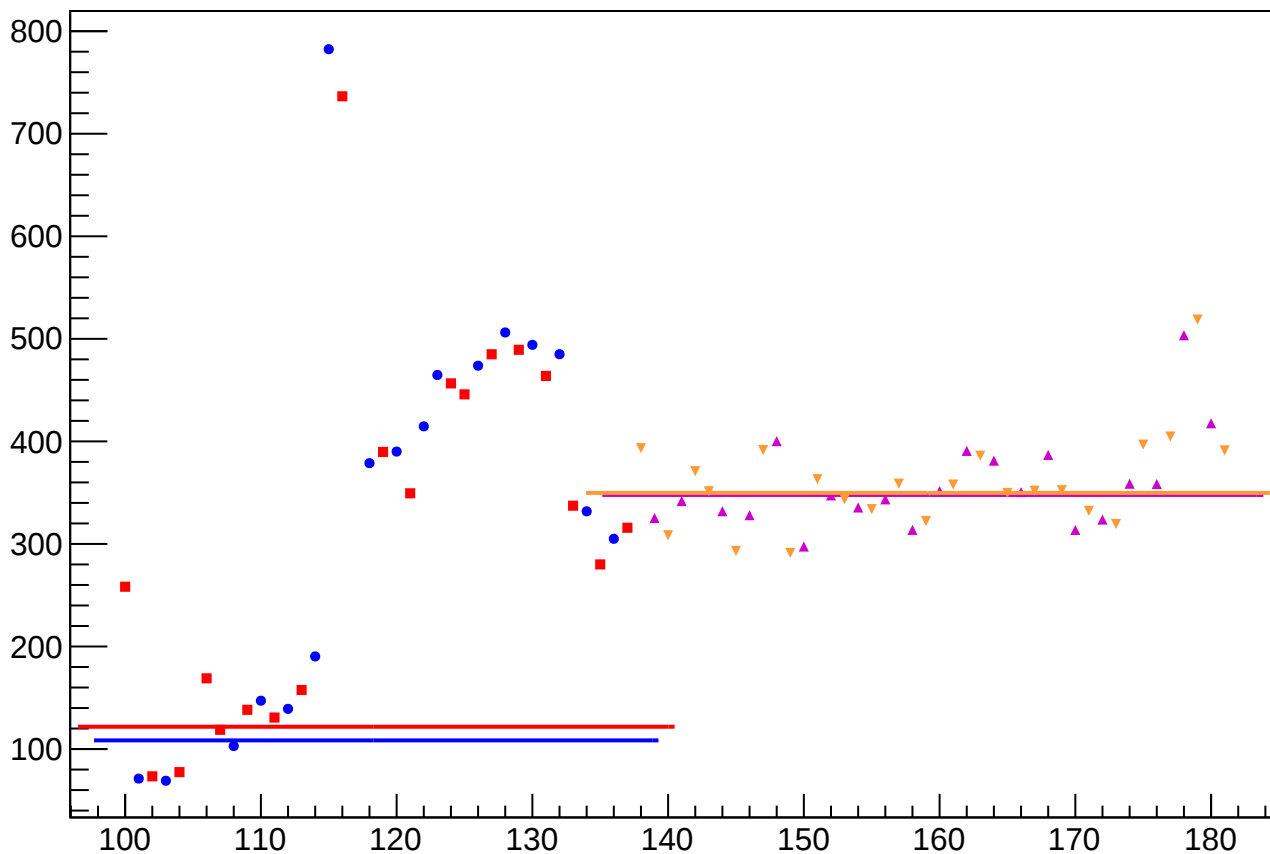
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 22.373 ± 45.922 $\chi^2/\text{NDF}: 53.9/37$

Out: -74.452 ± 46.934 $\chi^2/\text{NDF}: 43.6/41$

All: -24.985 ± 32.824 $\chi^2/\text{NDF}: 99.7/79$

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: 349.782 $\pm$ 0.060 χ^2 /NDF: 476636.5/22

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 347.759 $\pm$ 0.061 χ^2 /NDF: 388626.3/20

Left: 348.792 $\pm$ 0.043 χ^2 /NDF: 865827.0/43

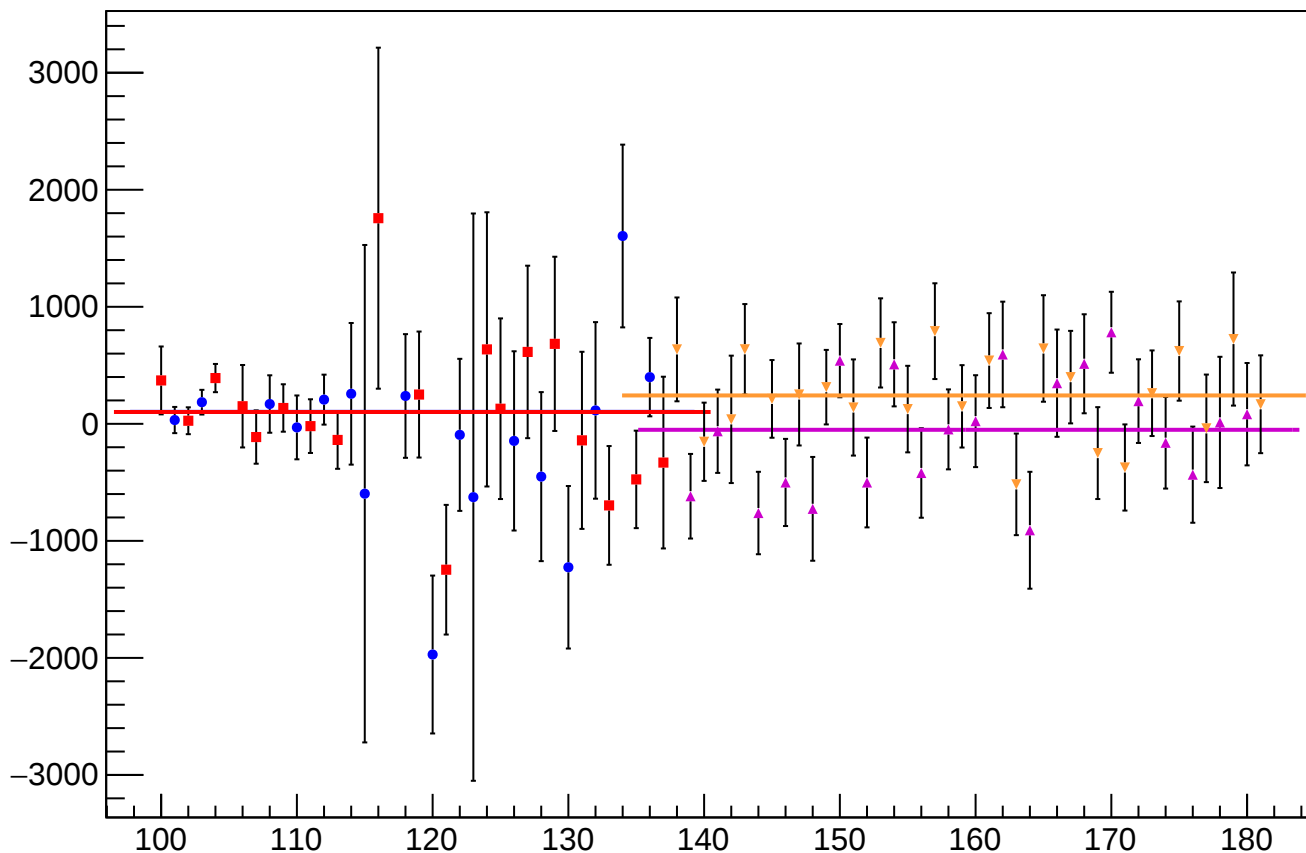
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 176.494 $\pm$ 0.032 χ^2 /NDF: 16845652.3/37

Out: 192.530 $\pm$ 0.033 χ^2 /NDF: 15351161.6/41

All: 184.337 $\pm$ 0.023 χ^2 /NDF: 32316085.3/79

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 242.581 $\pm$ 82.878 χ^2 /NDF:17.7/22

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -51.005 $\pm$ 84.861 χ^2 /NDF:33.5/20

Left: 99.257 $\pm$ 59.292 χ^2 /NDF: 57.3/43

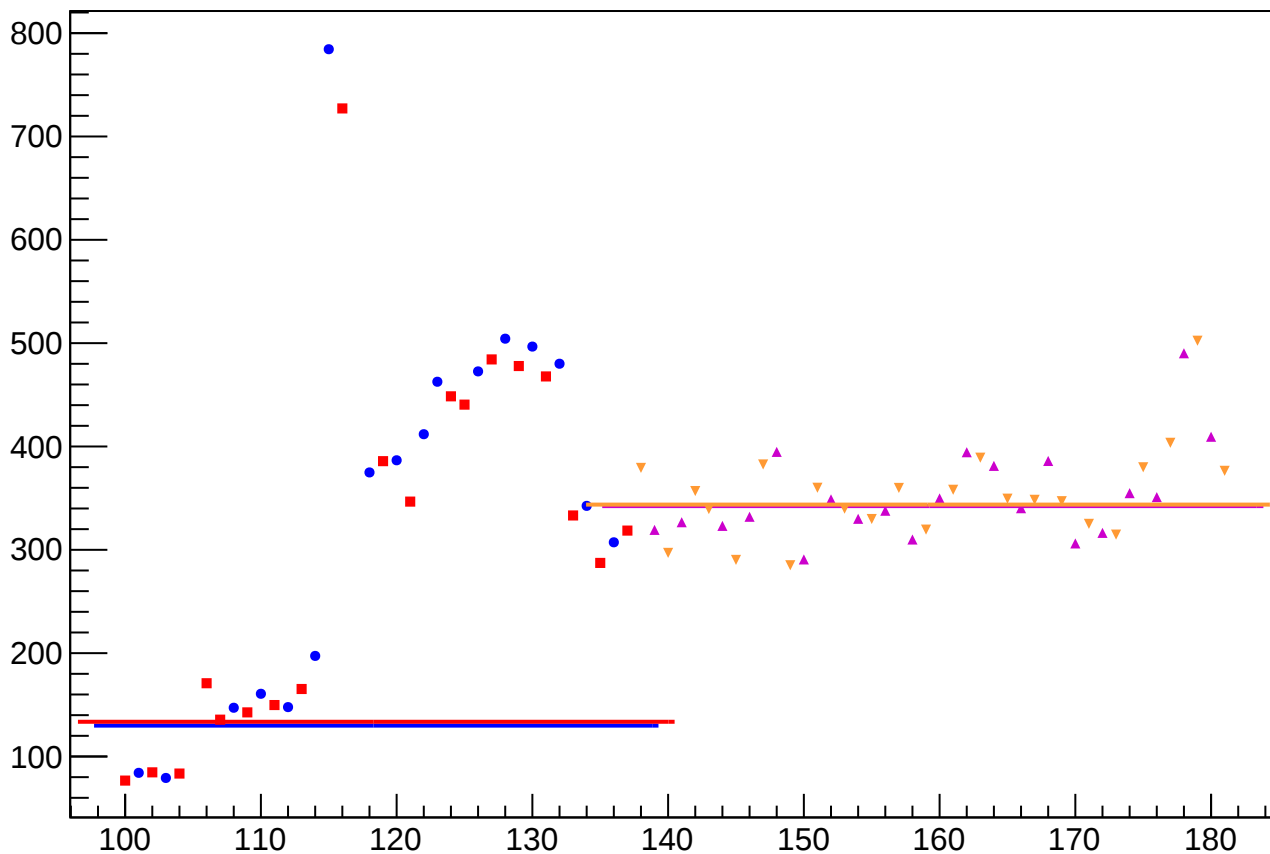
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 47.635 $\pm$ 50.650 χ^2 /NDF:55.9/37

Out: 150.746 $\pm$ 49.047 χ^2 /NDF:42.2/41

All: 100.848 $\pm$ 35.235 χ^2 /NDF: 100.2/79

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 343.764+/-0.059 χ^2/NDF : 466969.4/22

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 342.304+/-0.060 χ^2/NDF : 405340.4/20

Left: 343.051+/-0.042 χ^2/NDF : 872613.0/43

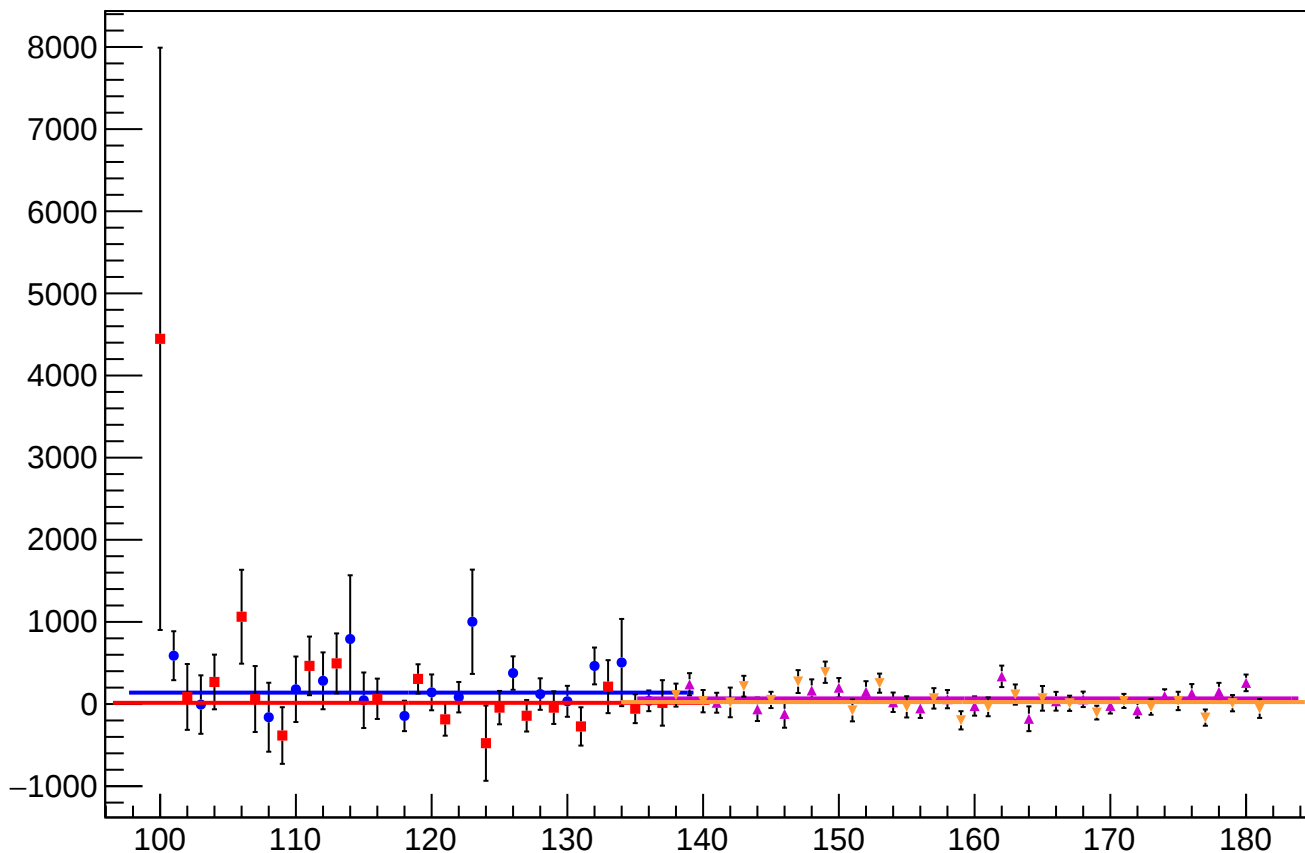
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 205.557+/-0.036 χ^2/NDF : 13302194.3/37

Out: 207.207+/-0.035 χ^2/NDF : 13186646.5/41

All: 206.409+/-0.025 χ^2/NDF : 26489936.4/79

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: 24.042 $\pm$ 23.587 χ^2 /NDF:30.5/22

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 68.600 $\pm$ 24.877 χ^2 /NDF:22.7/20

Left: 45.136 $\pm$ 17.116 χ^2 /NDF: 54.9/43

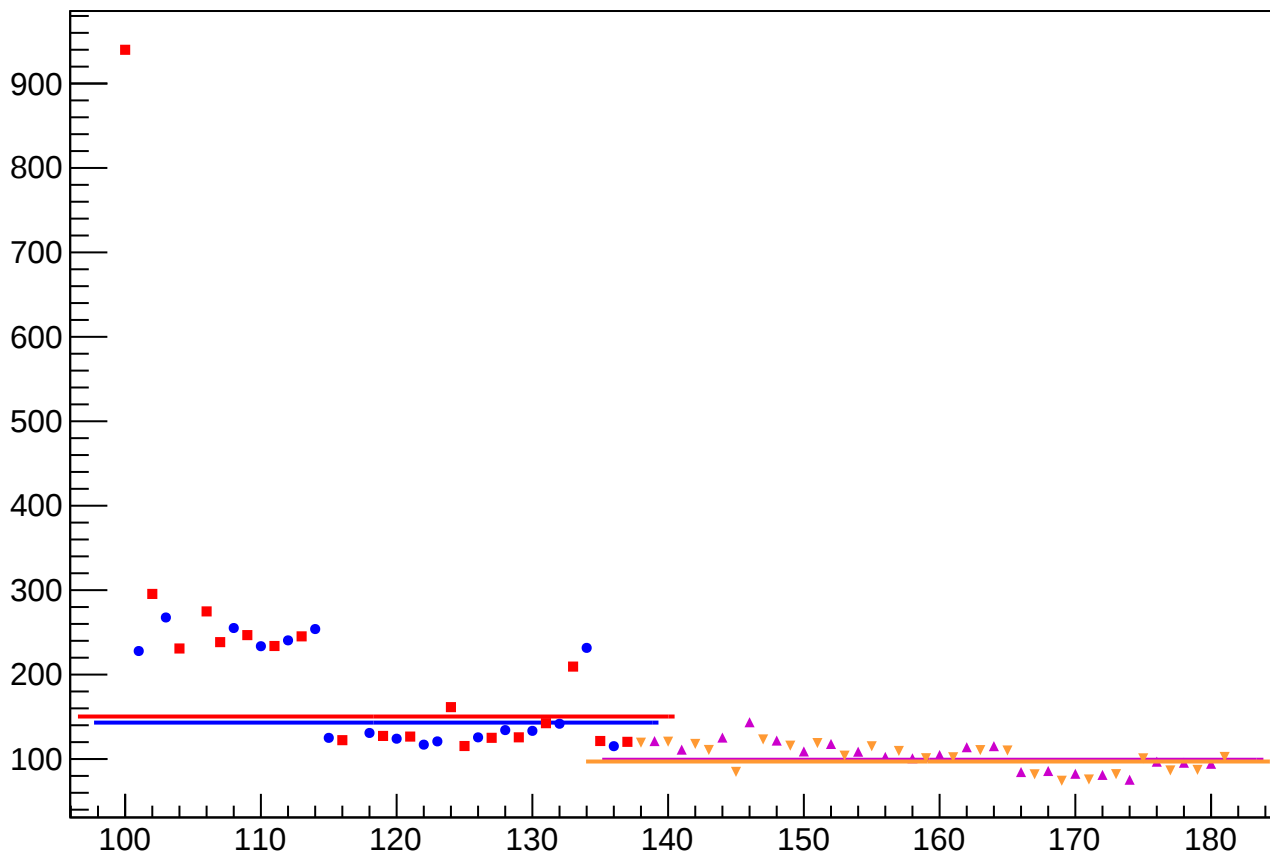
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 79.560 $\pm$ 22.862 χ^2 /NDF:37.0/37

Out: 22.824 $\pm$ 21.958 χ^2 /NDF:48.5/41

All: 50.048 $\pm$ 15.836 χ^2 /NDF: 88.7/79

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: 97.051 $\pm$ 0.017 χ^2 /NDF:891794.7/22

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.161 $\pm$ 0.018 χ^2 /NDF:837495.5/20

Left: 98.050 $\pm$ 0.012 χ^2 /NDF: 1736862.7/43

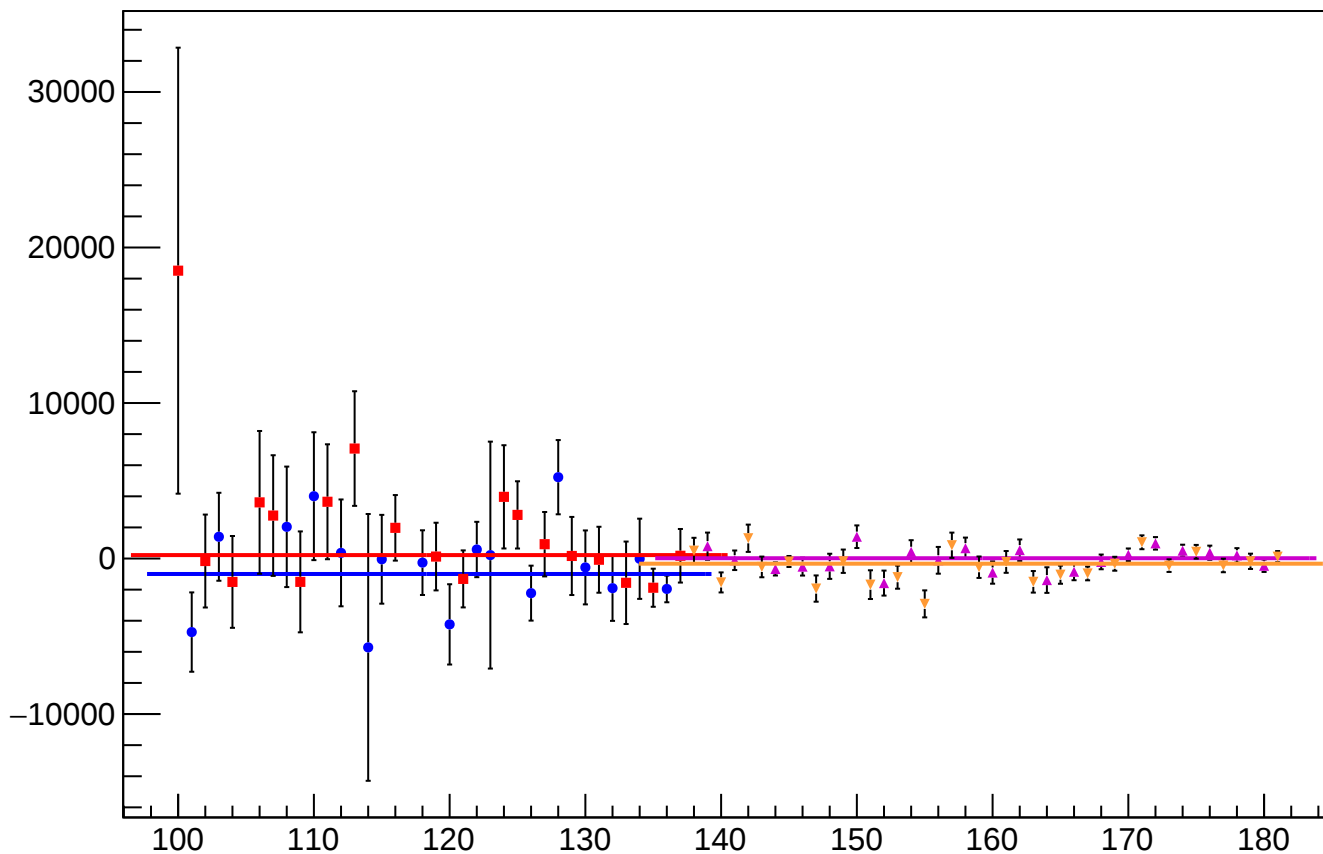
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 105.998 $\pm$ 0.016 χ^2 /NDF:2910510.2/37

Out: 104.159 $\pm$ 0.016 χ^2 /NDF:3685401.5/41

All: 105.042 $\pm$ 0.011 χ^2 /NDF: 6602639.2/79

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -332.296 ± 114.016 $\chi^2/\text{NDF}: 47.1/22$

Right Out: 221.353 ± 543.431 $\chi^2/\text{NDF}: 15.2/18$

Left In: 19.118 ± 118.574 $\chi^2/\text{NDF}: 31.4/20$

Left: -163.474 ± 82.186 $\chi^2/\text{NDF}: 83.1/43$

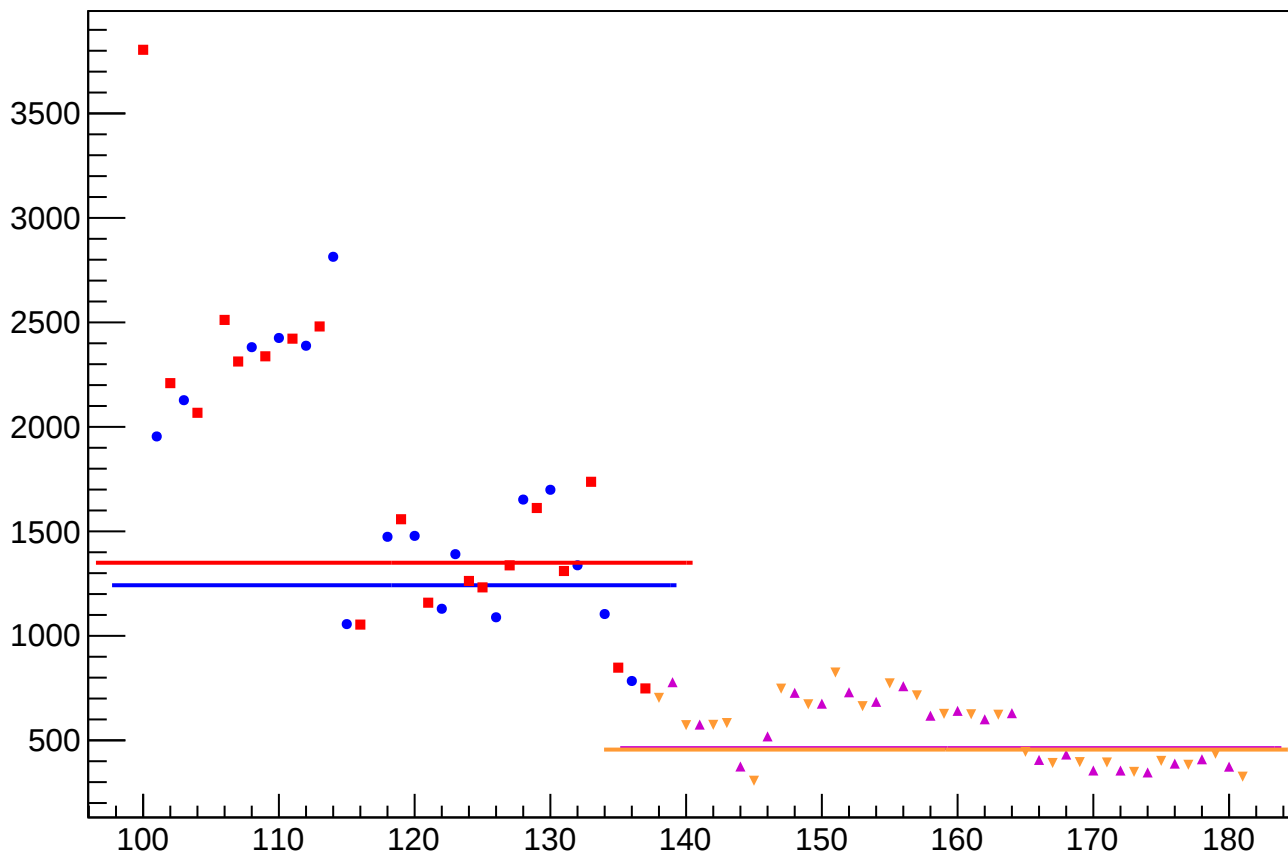
Right: -417.113 ± 374.365 $\chi^2/\text{NDF}: 34.7/35$

In: -31.600 ± 115.568 $\chi^2/\text{NDF}: 52.0/37$

Out: -308.952 ± 111.586 $\chi^2/\text{NDF}: 63.3/41$

All: -175.136 ± 80.274 $\chi^2/\text{NDF}: 118.2/79$

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 455.724+/-0.081 χ^2/NDF : 3015513.4/22

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 462.752+/-0.084 χ^2/NDF : 2520678.7/20

Left: 459.100+/-0.058 χ^2/NDF : 5539842.7/43

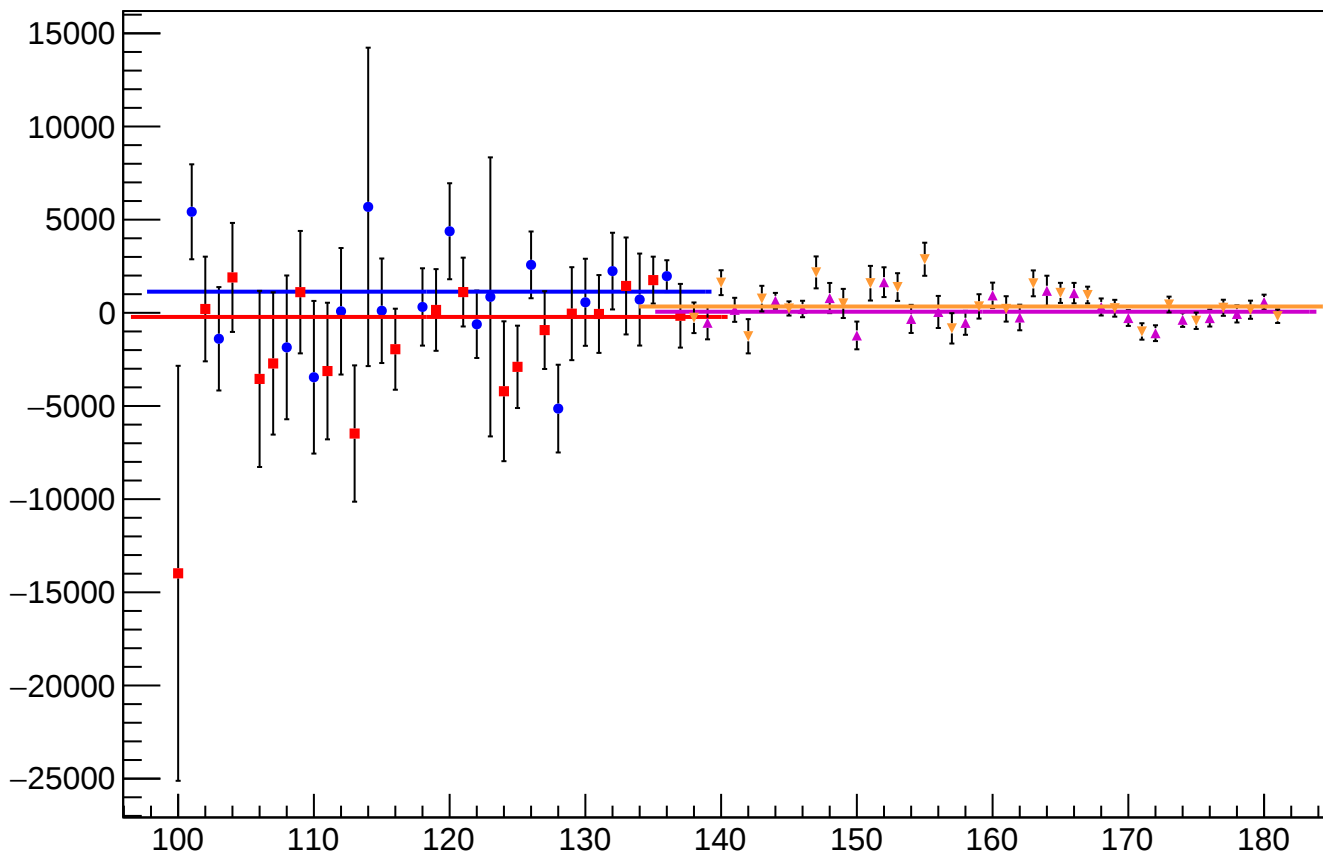
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 501.779+/-0.082 χ^2/NDF : 8615090.1/37

Out: 493.424+/-0.079 χ^2/NDF : 10069581.8/41

All: 497.455+/-0.057 χ^2/NDF : 18690081.3/79

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 339.041+/-115.056 χ^2/NDF : 47.8/22

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 58.764+/-117.497 χ^2/NDF : 30.3/20

Left: 201.844+/-82.206 χ^2/NDF : 81.0/43

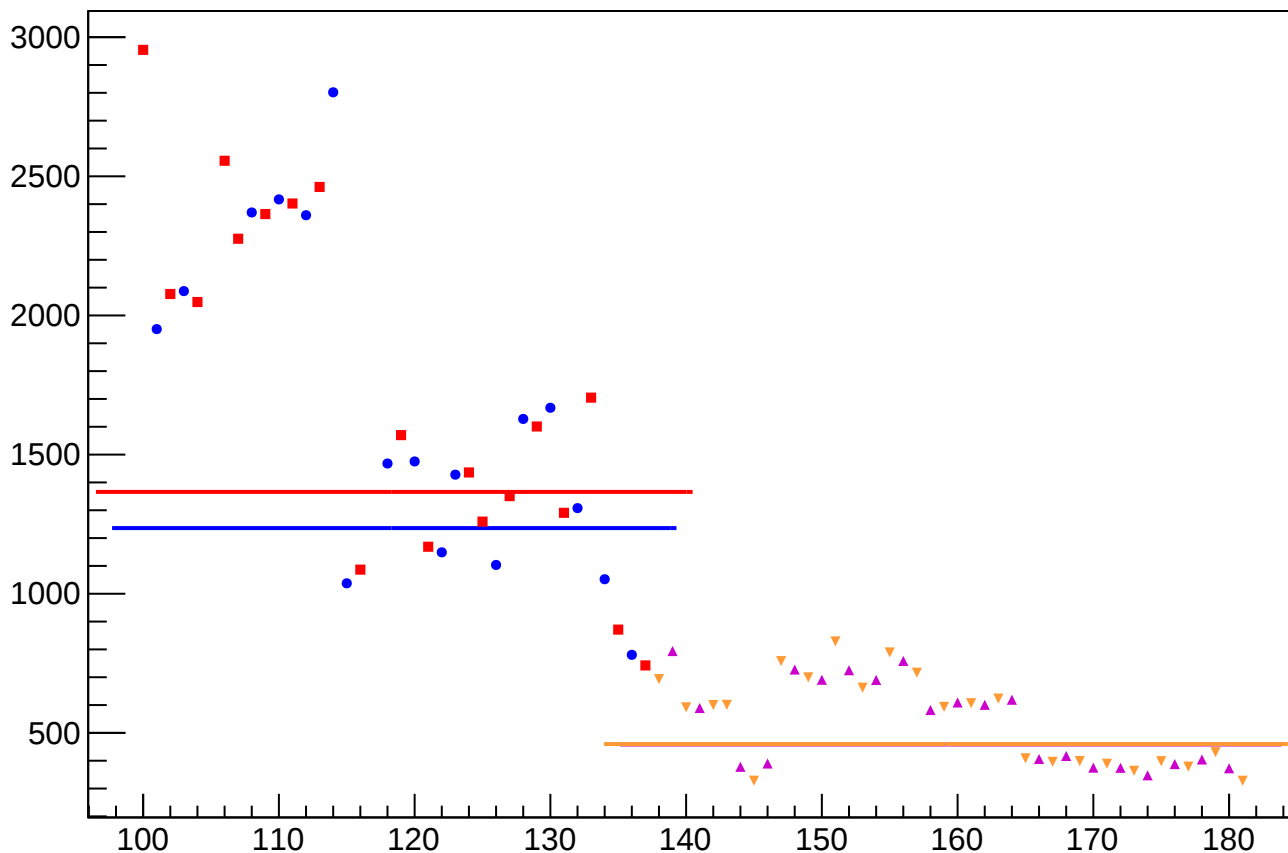
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 112.266+/-114.540 χ^2/NDF : 52.2/37

Out: 315.363+/-112.597 χ^2/NDF : 62.3/41

All: 215.552+/-80.296 χ^2/NDF : 116.1/79

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 ± 0.363 $\chi^2/\text{NDF}: 1745716.2/16$

Left Out: 459.869 ± 0.081 $\chi^2/\text{NDF}: 2890967.8/22$

Right Out: 1365.941 ± 0.387 $\chi^2/\text{NDF}: 1750044.7/18$

Left In: 458.207 ± 0.083 $\chi^2/\text{NDF}: 2417991.8/20$

Left: 459.056 ± 0.058 $\chi^2/\text{NDF}: 5309164.0/43$

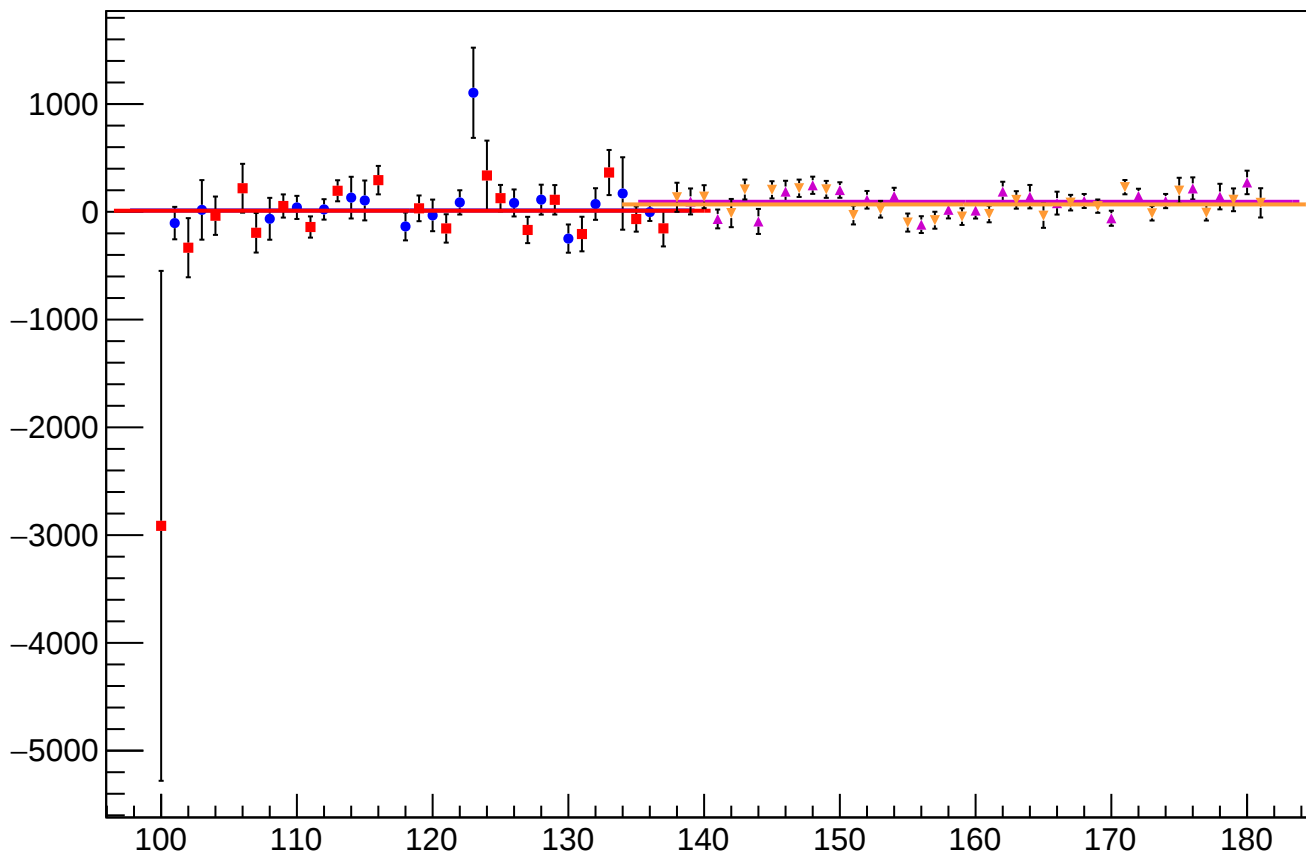
Right: 1296.809 ± 0.265 $\chi^2/\text{NDF}: 3555718.8/35$

In: 496.862 ± 0.081 $\chi^2/\text{NDF}: 8518942.4/37$

Out: 498.187 ± 0.080 $\chi^2/\text{NDF}: 9886386.1/41$

All: 497.536 ± 0.057 $\chi^2/\text{NDF}: 18405464.7/79$

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 68.706+/-17.494 χ^2/NDF :36.5/22

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 92.981+/-18.325 χ^2/NDF :33.7/20

Left: 80.281+/-12.654 χ^2/NDF : 71.0/43

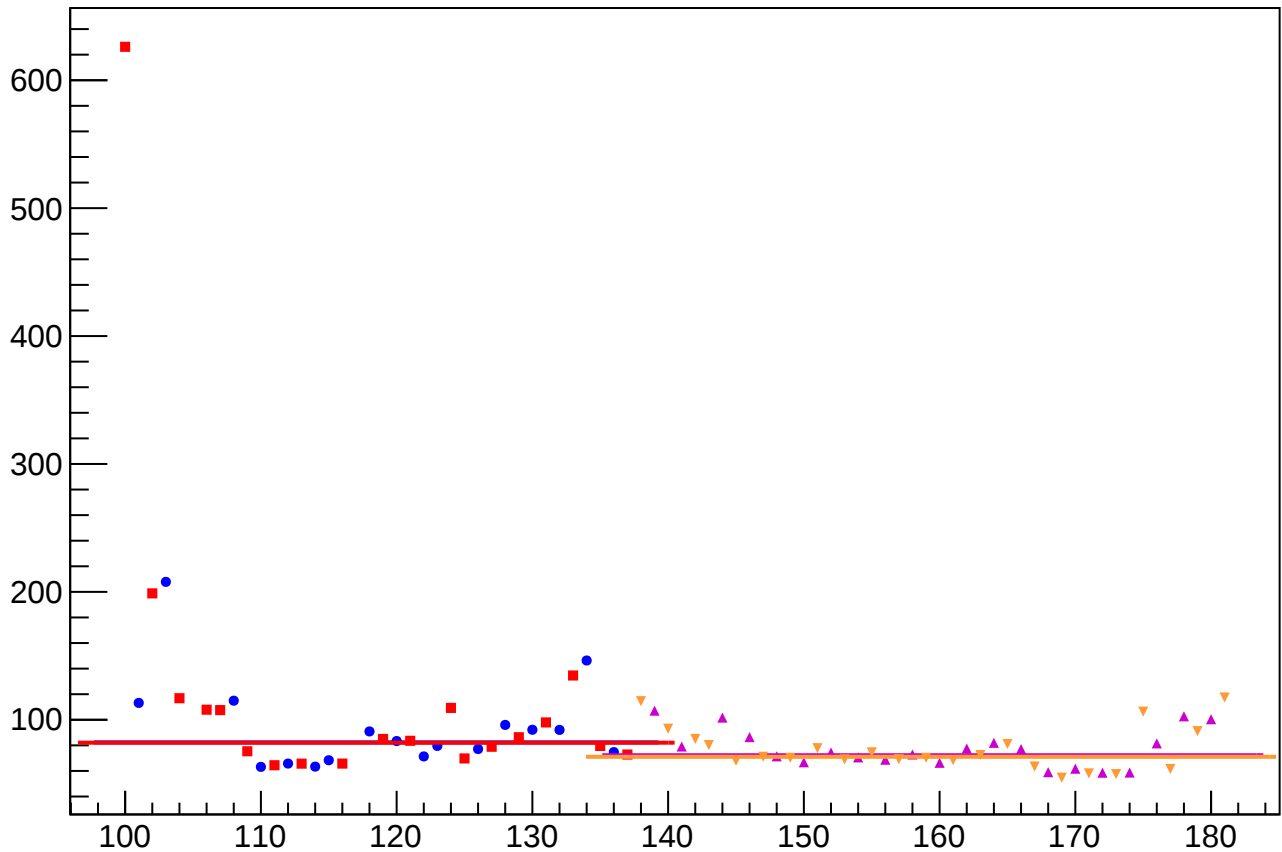
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 74.167+/-16.046 χ^2/NDF :53.5/37

Out: 55.590+/-15.415 χ^2/NDF :67.2/41

All: 64.506+/-11.117 χ^2/NDF : 121.5/79

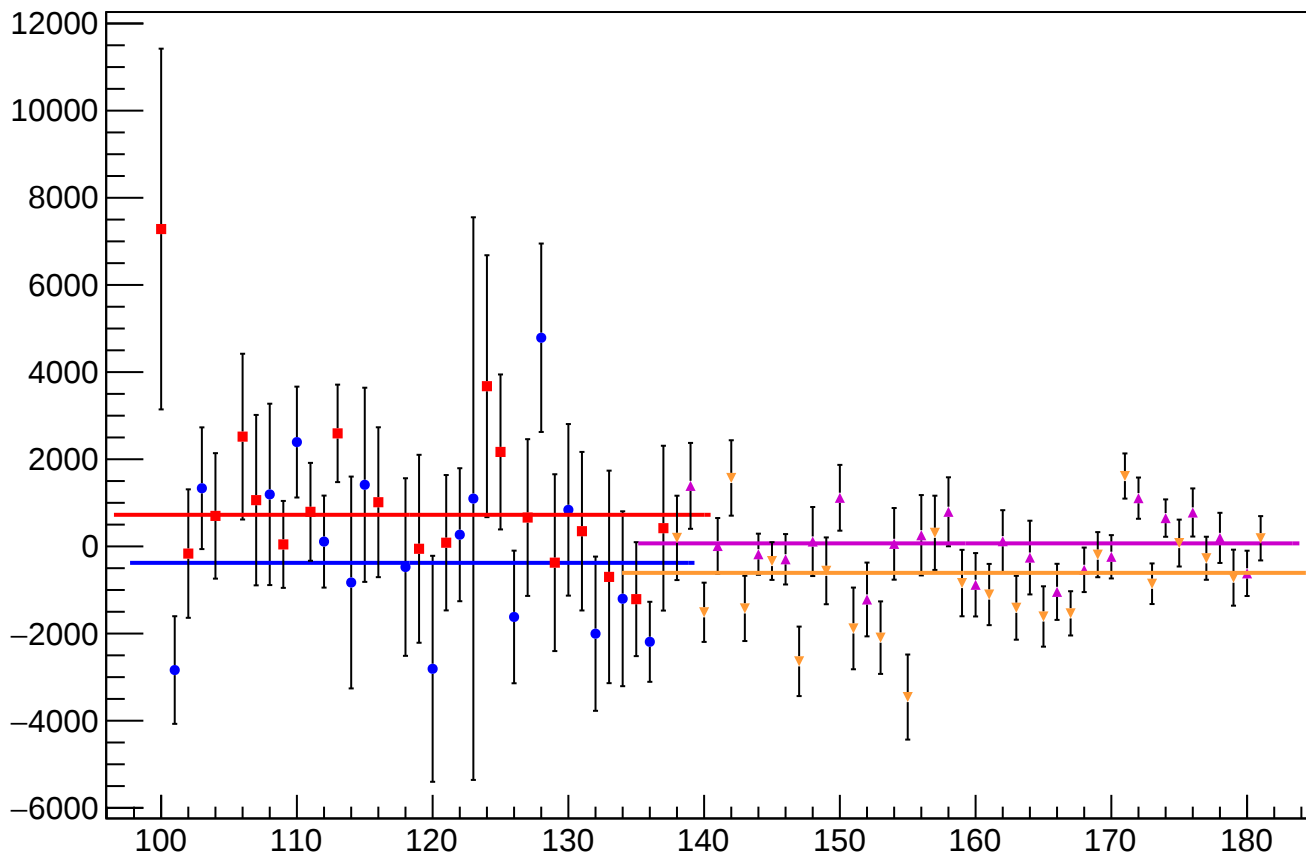
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 71.056 $\pm$ 0.012 χ^2 /NDF:1209132.9/22
 Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18
 Left In: 72.300 $\pm$ 0.013 χ^2 /NDF:982046.3/20

Left: 71.649 $\pm$ 0.009 χ^2 /NDF: 2196004.2/43
 Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35
 In: 74.634 $\pm$ 0.011 χ^2 /NDF:1989849.6/37
 Out: 73.523 $\pm$ 0.011 χ^2 /NDF:2346042.4/41
 All: 74.056 $\pm$ 0.008 χ^2 /NDF: 4340877.5/79

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -607.235+/-131.931 χ^2/NDF : 62.7/22

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 69.630+/-134.353 χ^2/NDF : 24.3/20

Left: -274.957+/-94.134 χ^2/NDF : 99.9/43

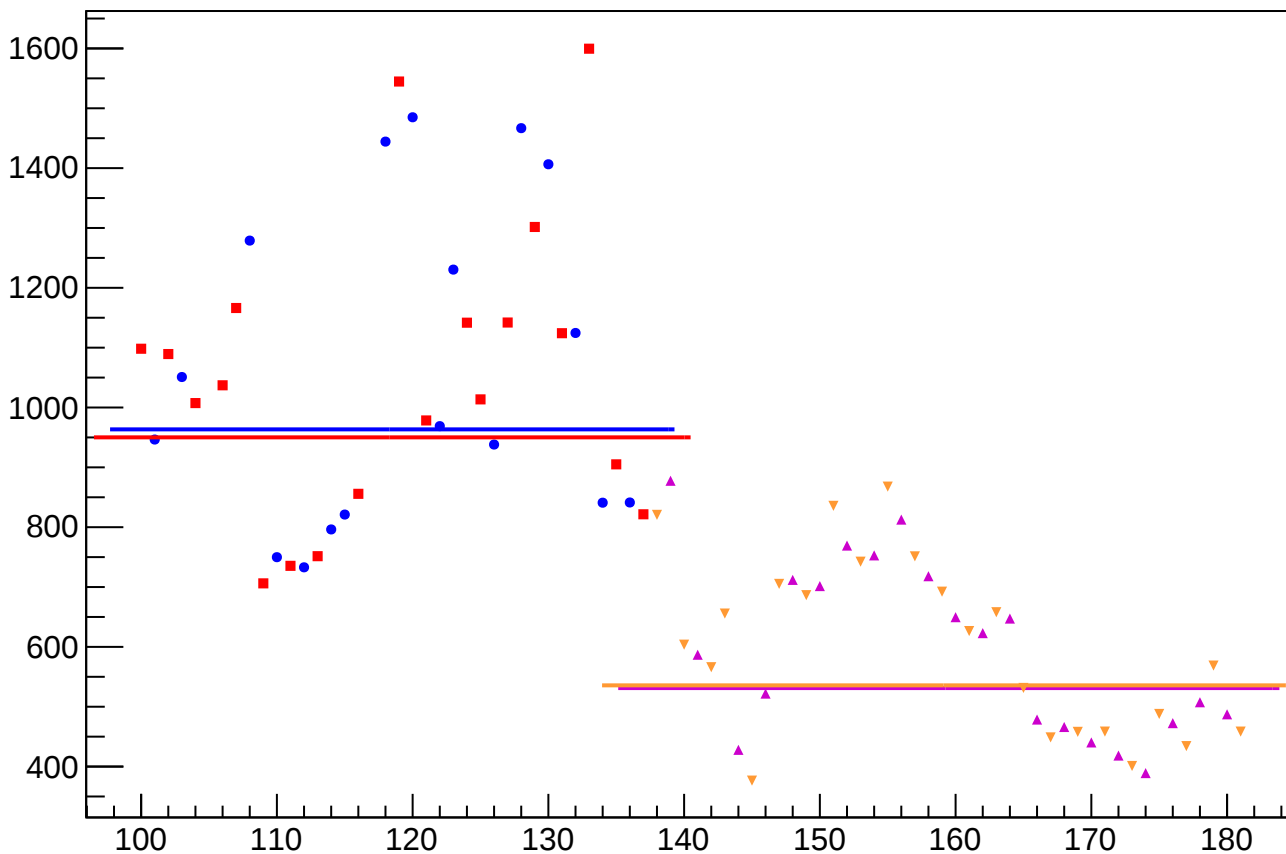
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 20.860+/-126.811 χ^2/NDF : 50.0/37

Out: -454.874+/-124.160 χ^2/NDF : 86.2/41

All: -222.033+/-88.717 χ^2/NDF : 143.4/79

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 535.718+/-0.093 χ^2/NDF : 2013755.1/22

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 531.167+/-0.095 χ^2/NDF : 1775884.2/20

Left: 533.484+/-0.067 χ^2/NDF : 3790808.0/43

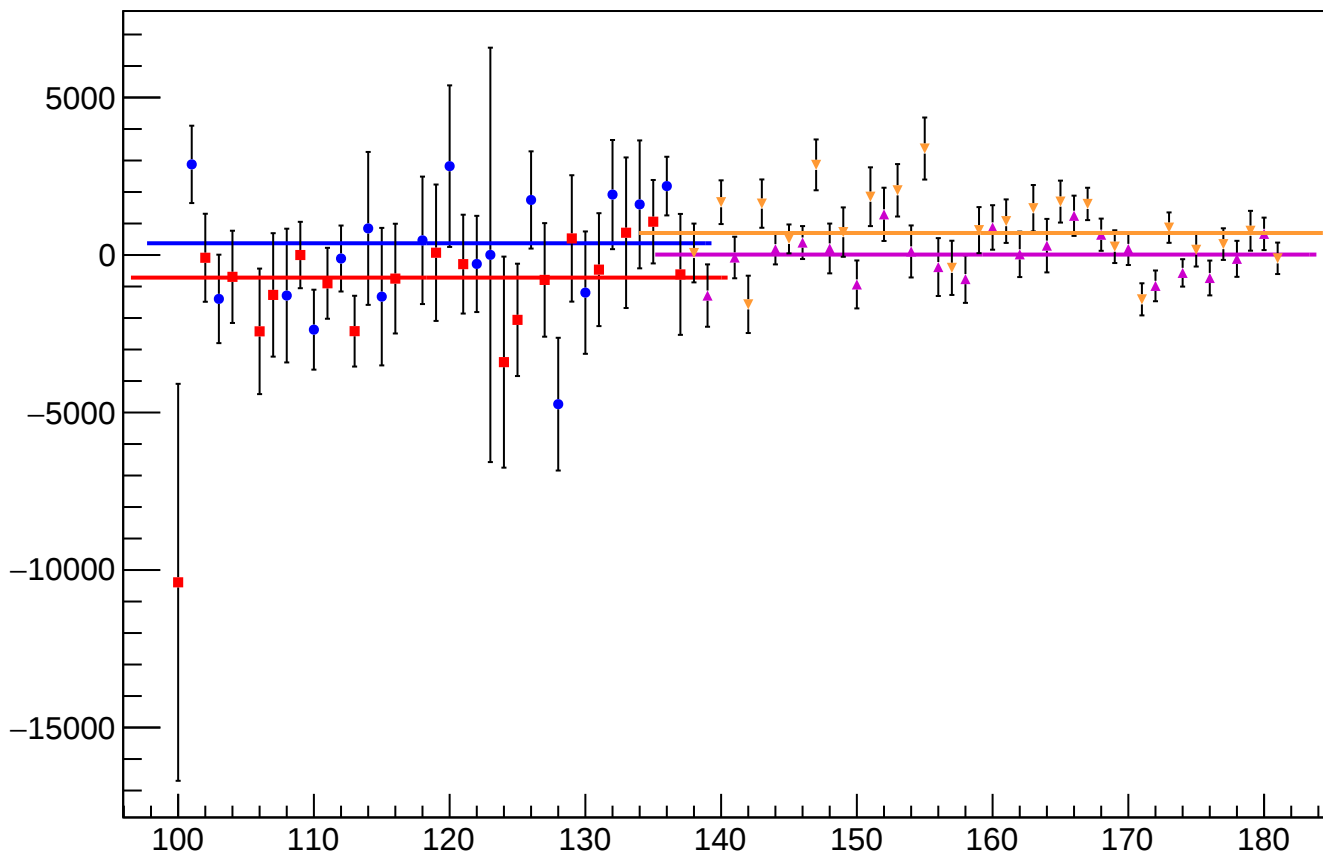
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 578.337+/-0.090 χ^2/NDF : 4724177.8/37

Out: 583.104+/-0.088 χ^2/NDF : 5002056.4/41

All: 580.771+/-0.063 χ^2/NDF : 9727677.0/79

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 χ^2/NDF : 25.3/16

Left Out: 699.067 ± 132.746 χ^2/NDF : 59.6/22

Right Out: -717.404 ± 371.769 χ^2/NDF : 10.1/18

Left In: 13.949 ± 134.340 χ^2/NDF : 23.9/20

Left: 360.596 ± 94.424 χ^2/NDF : 96.8/43

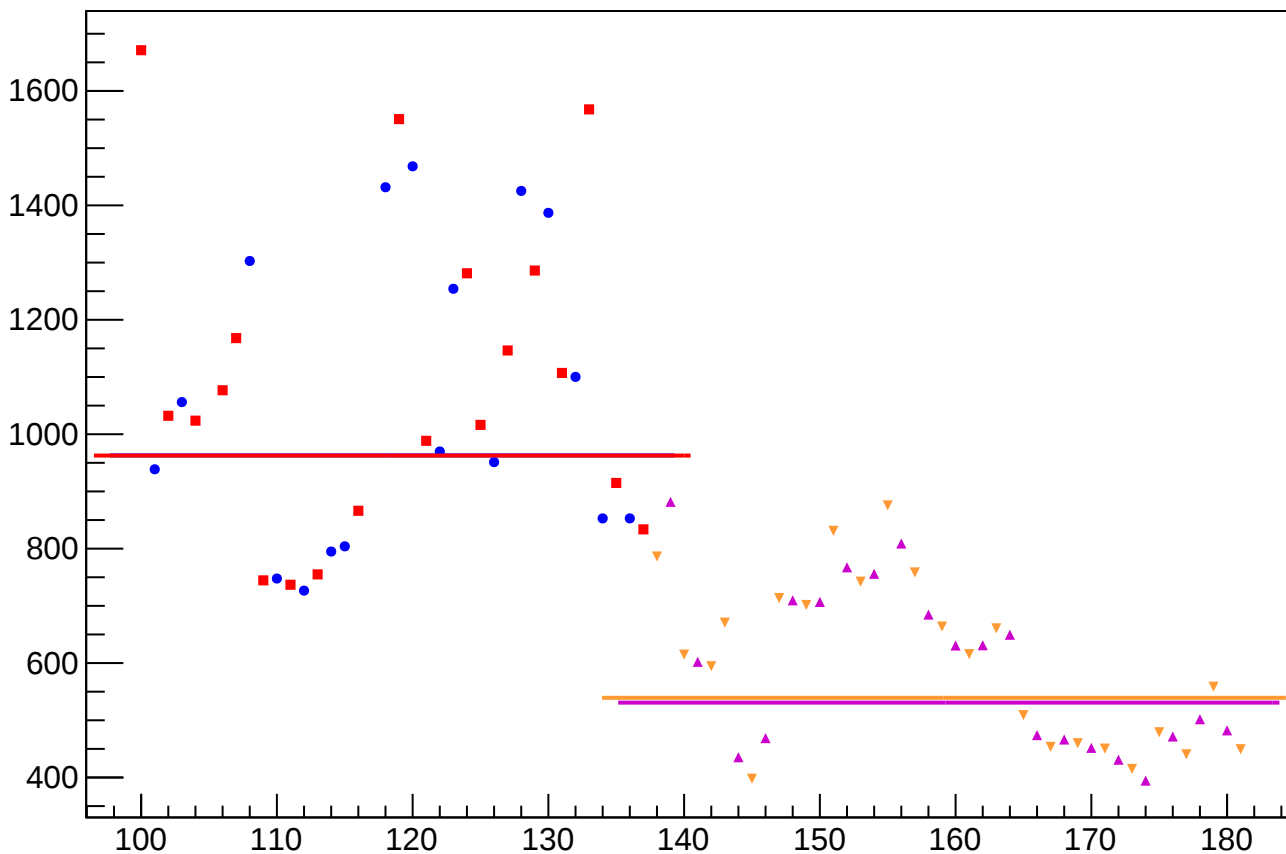
Right: -189.414 ± 266.986 χ^2/NDF : 39.6/35

In: 53.152 ± 126.792 χ^2/NDF : 50.0/37

Out: 538.894 ± 125.016 χ^2/NDF : 82.6/41

All: 299.449 ± 89.021 χ^2/NDF : 140.1/79

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 539.253+/-0.094 χ^2/NDF : 1882757.2/22

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 530.868+/-0.095 χ^2/NDF : 1700974.6/20

Left: 535.111+/-0.067 χ^2/NDF : 3587673.5/43

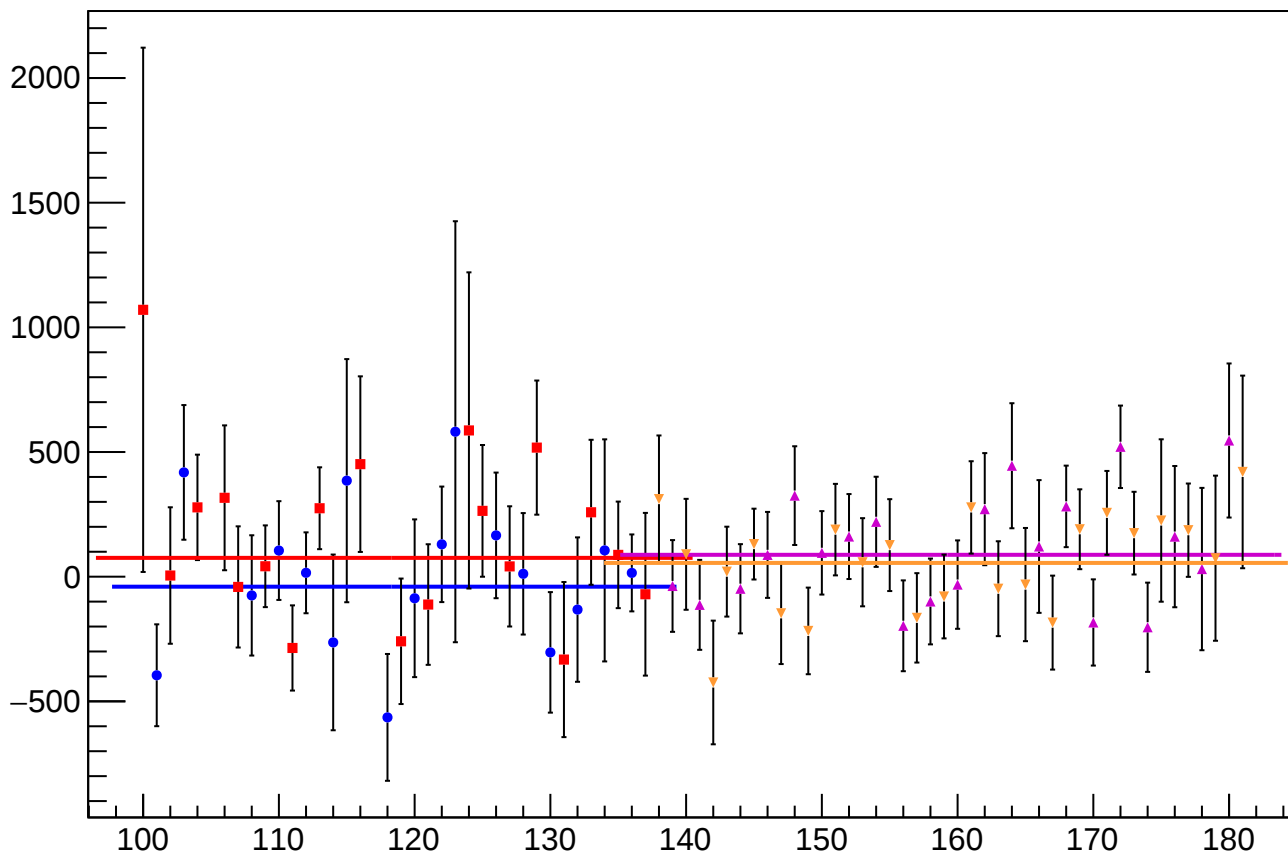
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 578.061+/-0.090 χ^2/NDF : 4628343.1/37

Out: 587.135+/-0.088 χ^2/NDF : 4880333.5/41

All: 582.662+/-0.063 χ^2/NDF : 9513870.7/79

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 55.186 ± 40.293 χ^2/NDF : 19.2/22

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 87.705 ± 41.959 χ^2/NDF : 26.9/20

Left: 70.787 ± 29.063 χ^2/NDF : 46.4/43

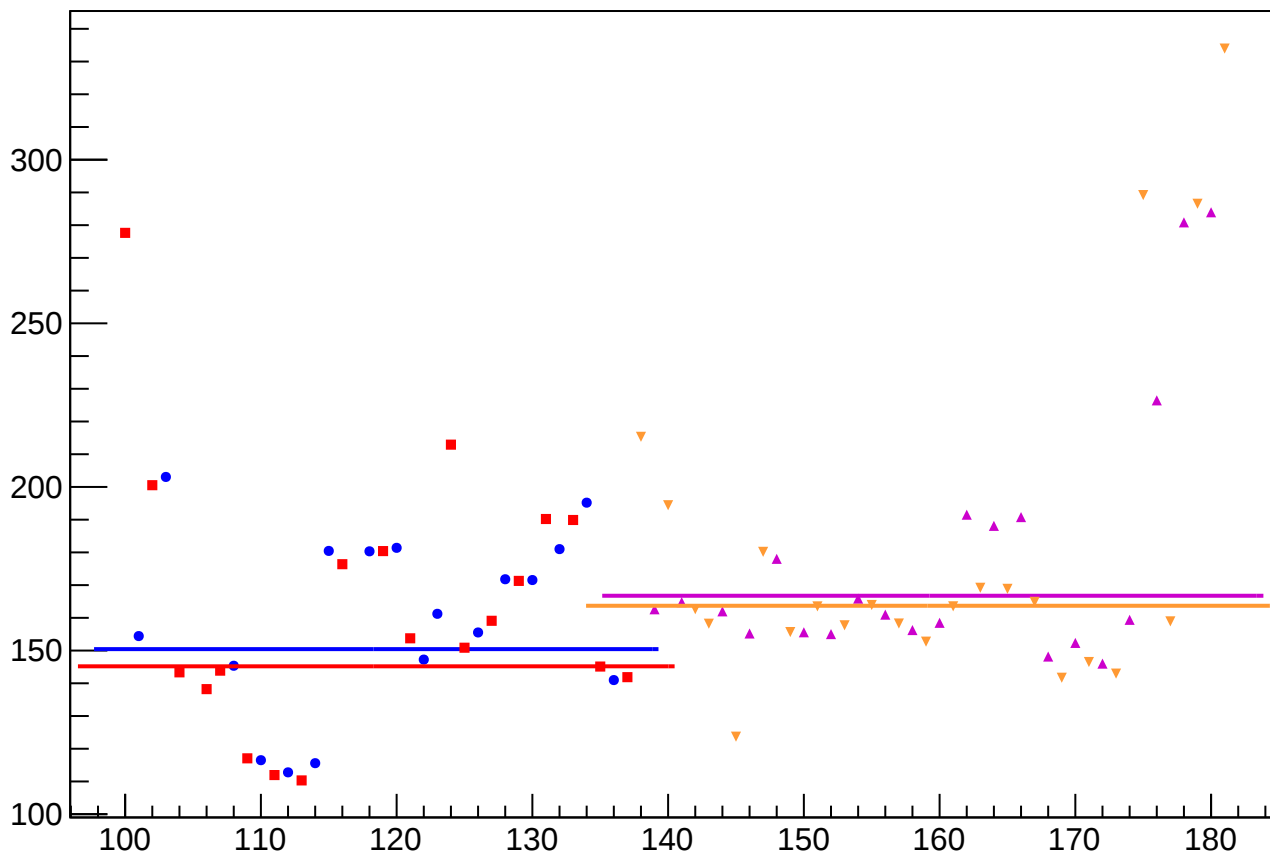
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 45.017 ± 34.243 χ^2/NDF : 45.3/37

Out: 62.064 ± 32.753 χ^2/NDF : 37.8/41

All: 53.920 ± 23.669 χ^2/NDF : 83.2/79

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: 163.691 $\pm$ 0.028 χ^2 /NDF:1365467.6/22

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 166.752 $\pm$ 0.030 χ^2 /NDF:802255.8/20

Left: 165.160 $\pm$ 0.021 χ^2 /NDF: 2173259.2/43

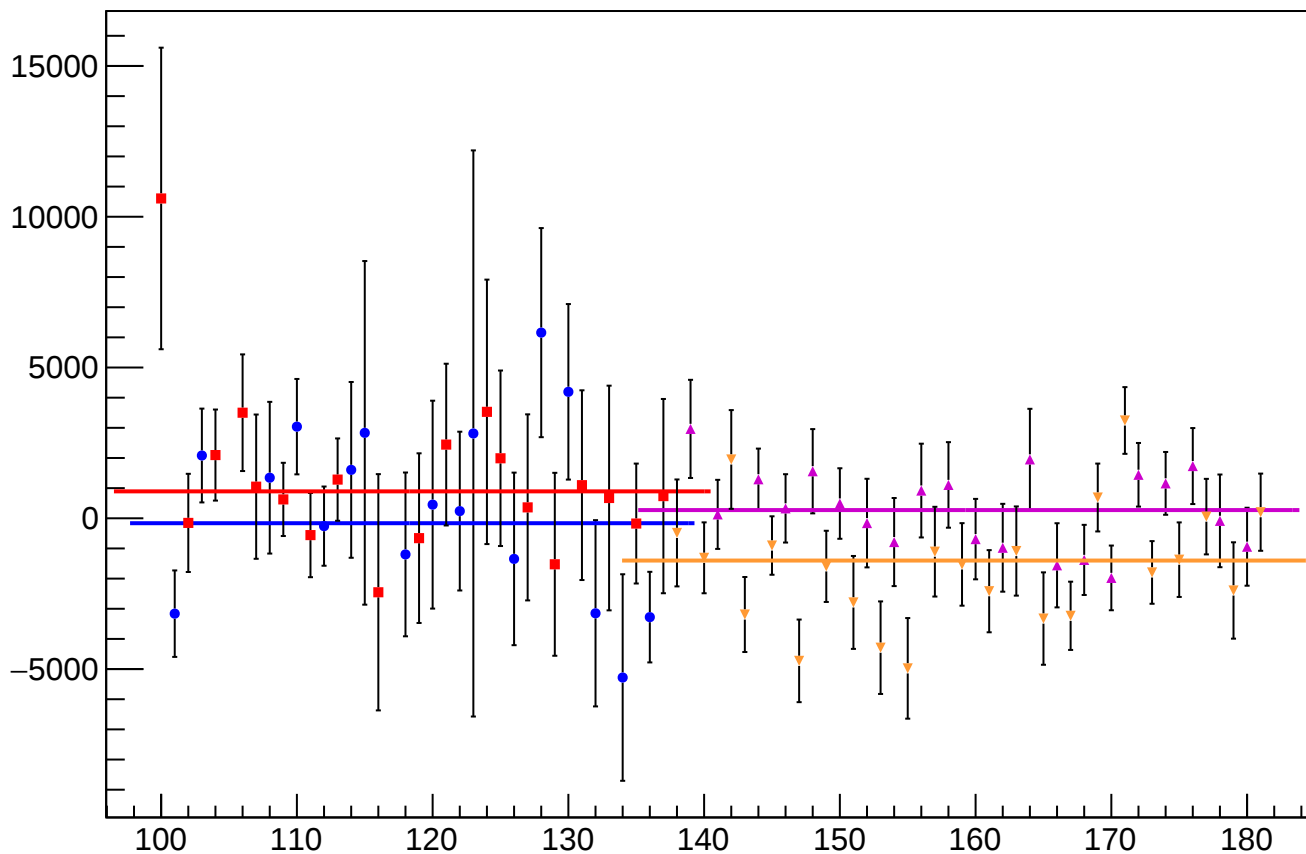
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 161.305 $\pm$ 0.024 χ^2 /NDF:1303299.2/37

Out: 157.414 $\pm$ 0.023 χ^2 /NDF:2044262.6/41

All: 159.273 $\pm$ 0.017 χ^2 /NDF: 3361048.6/79

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: -1401.031 $\pm$ 271.182 χ^2 /NDF: 51.1/22

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 272.616 $\pm$ 277.849 χ^2 /NDF: 20.4/20

Left: -584.528 $\pm$ 194.069 χ^2 /NDF: 90.0/43

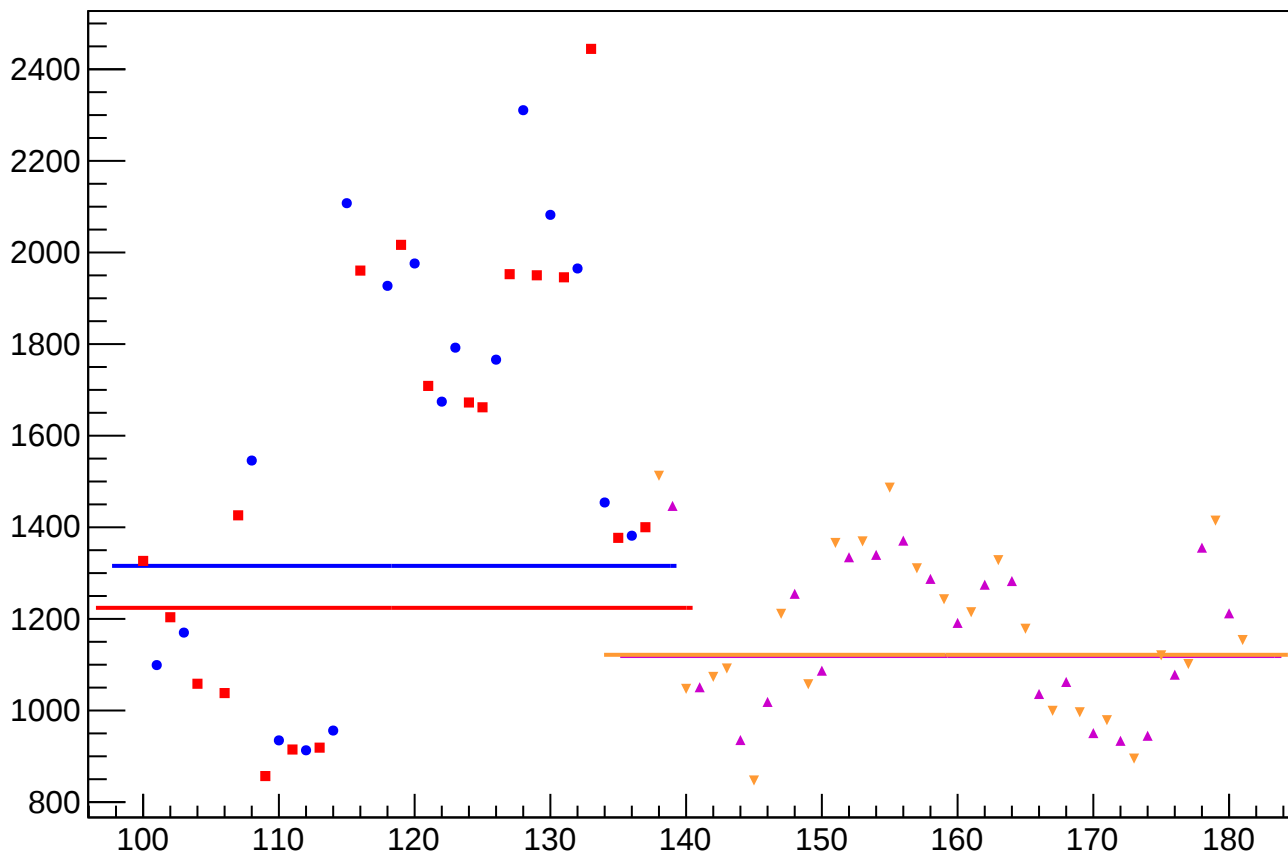
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 179.620 $\pm$ 246.398 χ^2 /NDF: 46.0/37

Out: -853.454 $\pm$ 236.616 χ^2 /NDF: 78.8/41

All: -357.831 $\pm$ 170.666 χ^2 /NDF: 134.0/79

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1121.631 $\pm$ 0.192 χ^2 /NDF: 825645.9/22

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1118.931 $\pm$ 0.196 χ^2 /NDF: 644908.9/20

Left: 1120.314 $\pm$ 0.137 χ^2 /NDF: 1470651.5/43

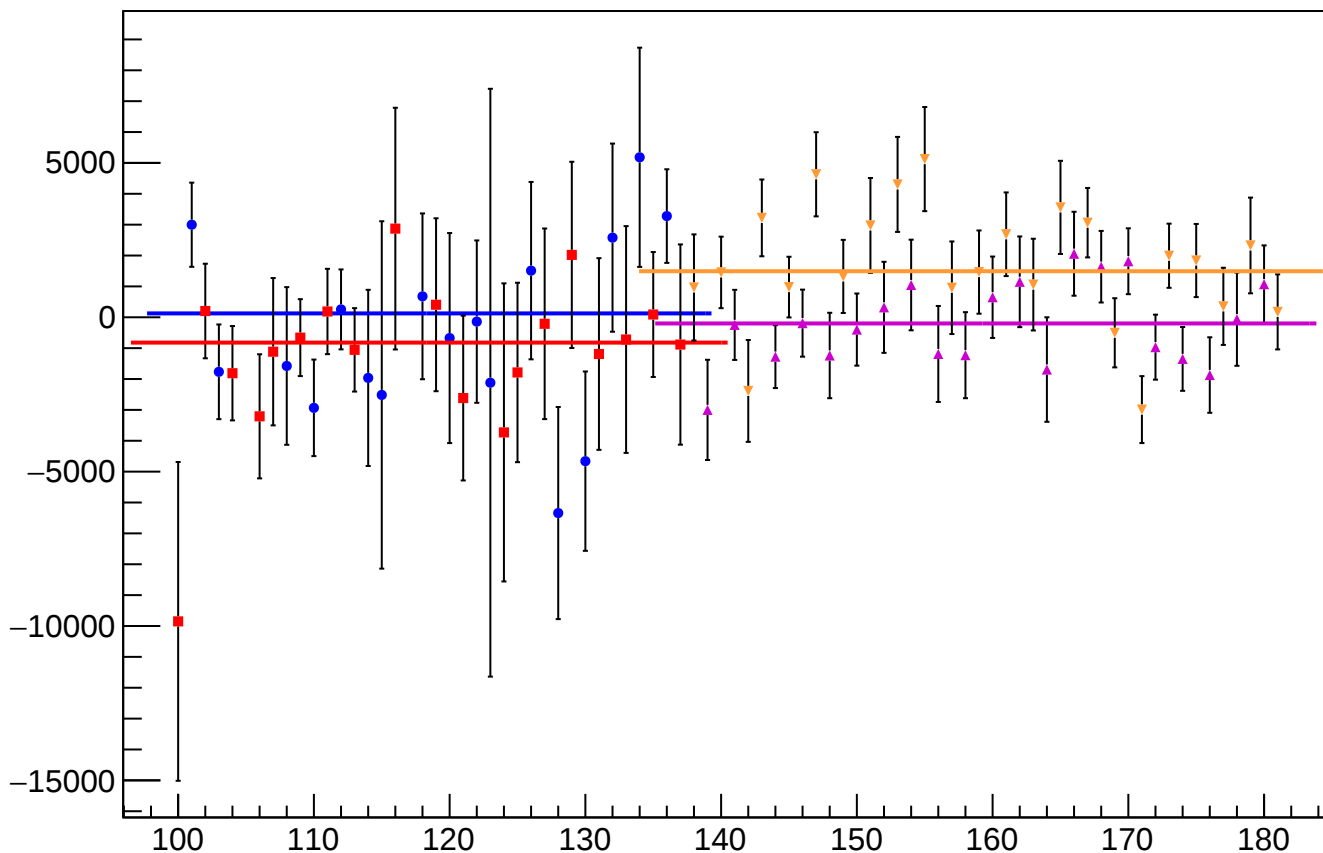
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1160.974 $\pm$ 0.174 χ^2 /NDF: 1977667.6/37

Out: 1146.100 $\pm$ 0.167 χ^2 /NDF: 2257770.8/41

All: 1153.236 $\pm$ 0.121 χ^2 /NDF: 4239229.9/79

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1492.130 $\pm$ 268.958 χ^2/NDF : 49.8/22

Right Out: -820.213 $\pm$ 484.659 χ^2/NDF : 9.1/18

Left In: -200.255 $\pm$ 275.187 χ^2/NDF : 22.0/20

Left: 665.310 $\pm$ 192.346 χ^2/NDF : 91.1/43

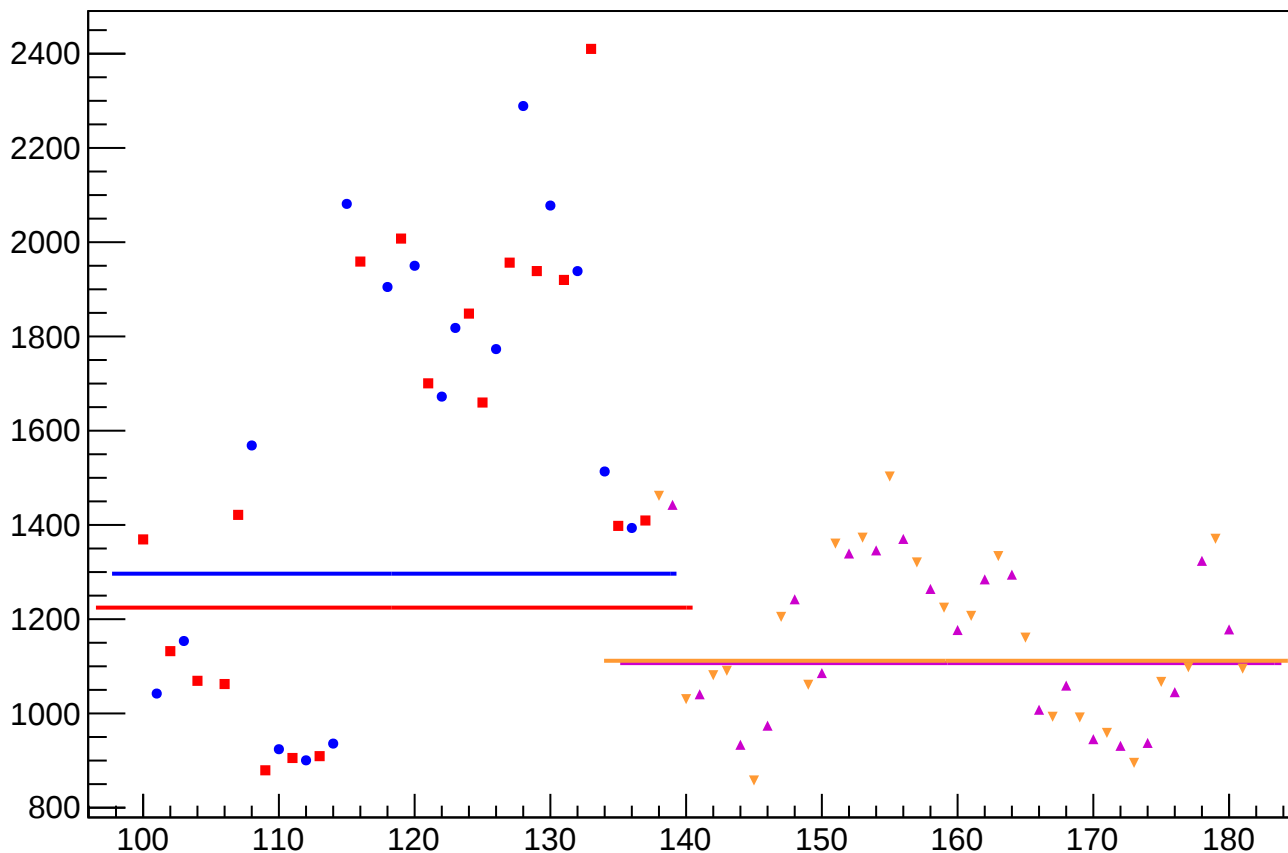
Right: -386.748 $\pm$ 356.675 χ^2/NDF : 35.5/35

In: -130.447 $\pm$ 243.913 χ^2/NDF : 47.0/37

Out: 947.686 $\pm$ 235.172 χ^2/NDF : 76.2/41

All: 428.283 $\pm$ 169.298 χ^2/NDF : 133.3/79

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1111.779 $\pm$ 0.190 χ^2 /NDF: 799018.7/22

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1106.801 $\pm$ 0.195 χ^2 /NDF: 667400.1/20

Left: 1109.347 $\pm$ 0.136 χ^2 /NDF: 1466753.6/43

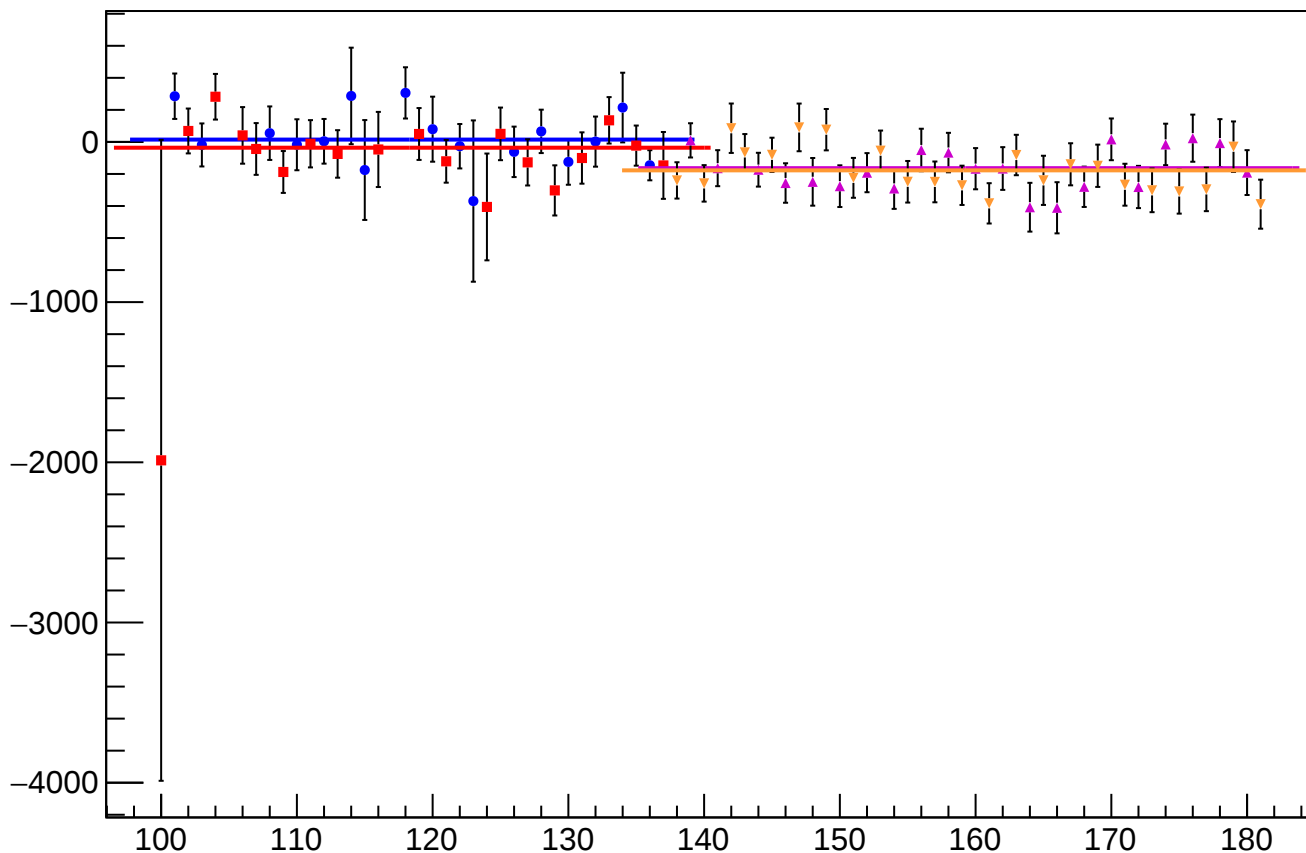
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1147.483 $\pm$ 0.172 χ^2 /NDF: 2046766.1/37

Out: 1138.334 $\pm$ 0.166 χ^2 /NDF: 2230094.9/41

All: 1142.742 $\pm$ 0.120 χ^2 /NDF: 4278319.5/79

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

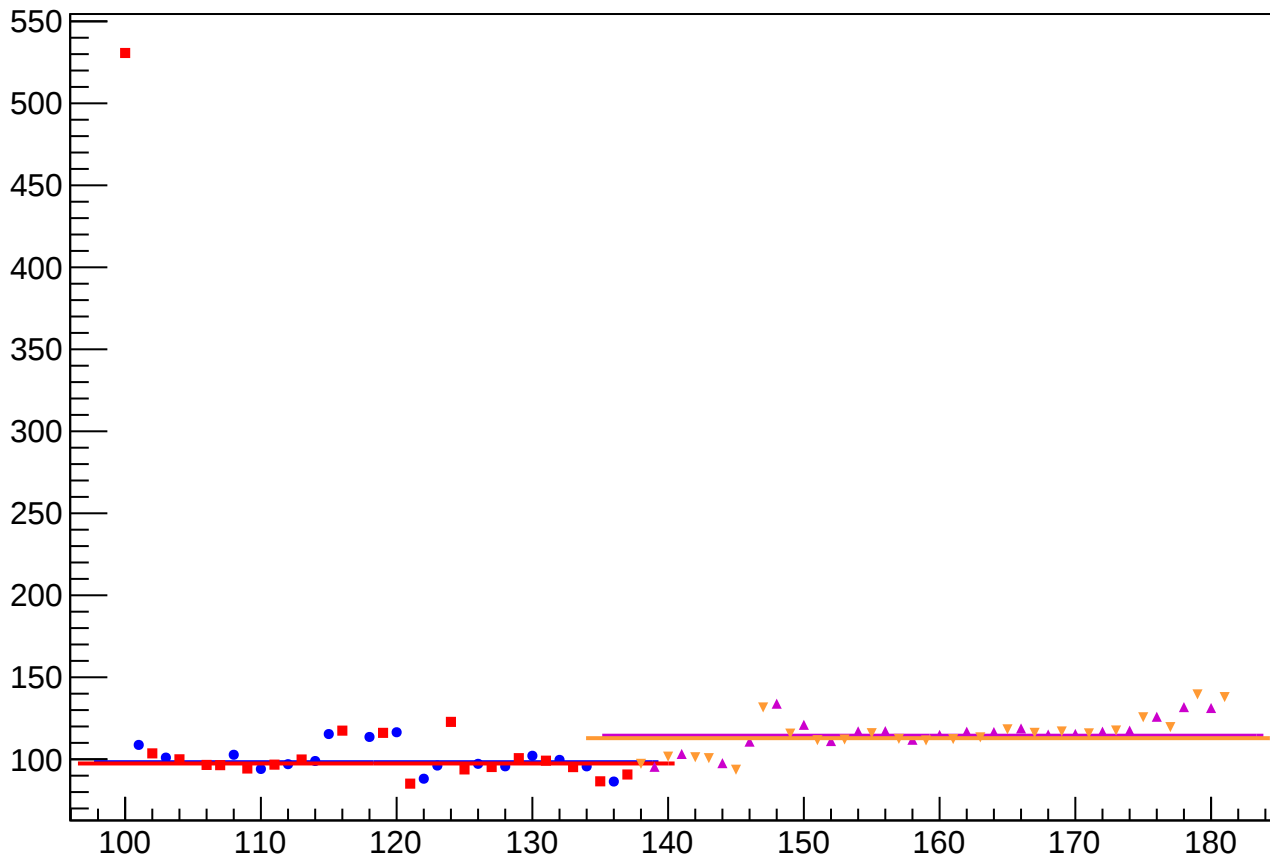


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -177.497 ± 27.050 $\chi^2/\text{NDF}: 24.2/22$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -163.840 ± 28.191 $\chi^2/\text{NDF}: 19.3/20$

Left: -170.950 ± 19.518 $\chi^2/\text{NDF}: 43.6/43$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -100.540 ± 22.644 $\chi^2/\text{NDF}: 47.7/37$
 Out: -127.772 ± 21.779 $\chi^2/\text{NDF}: 49.3/41$

All: -114.686 ± 15.697 $\chi^2/\text{NDF}: 97.7/79$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 112.867+/-0.019 χ^2/NDF : 332679.6/22

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 114.372+/-0.020 χ^2/NDF : 251755.1/20

Left: 113.588+/-0.014 χ^2/NDF : 587404.7/43

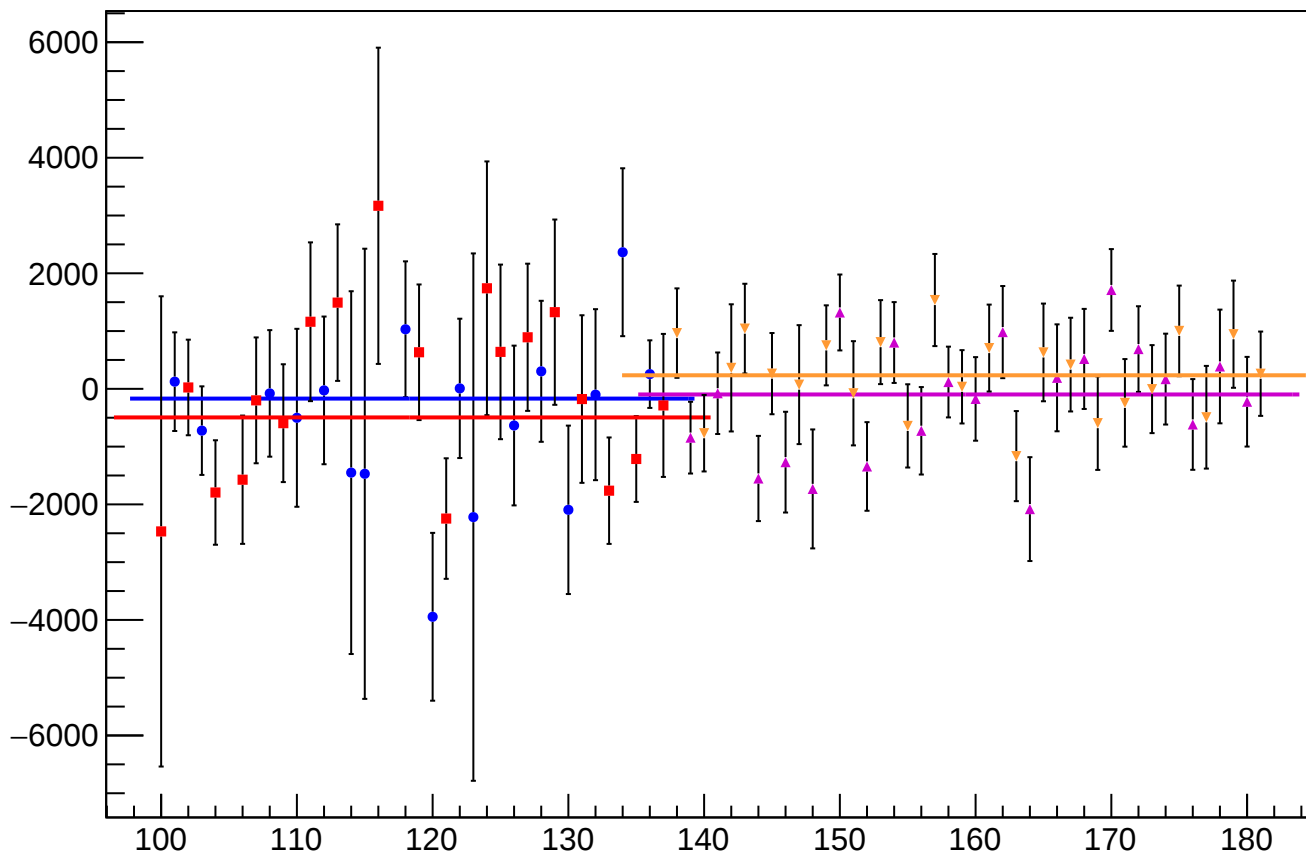
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 108.641+/-0.016 χ^2/NDF : 585235.2/37

Out: 107.439+/-0.015 χ^2/NDF : 751660.4/41

All: 108.017+/-0.011 χ^2/NDF : 1339823.7/79

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 234.591 ± 162.560 χ^2/NDF : 17.5/22

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -97.331 ± 166.344 χ^2/NDF : 35.2/20

Left: 72.448 ± 116.262 χ^2/NDF : 54.8/43

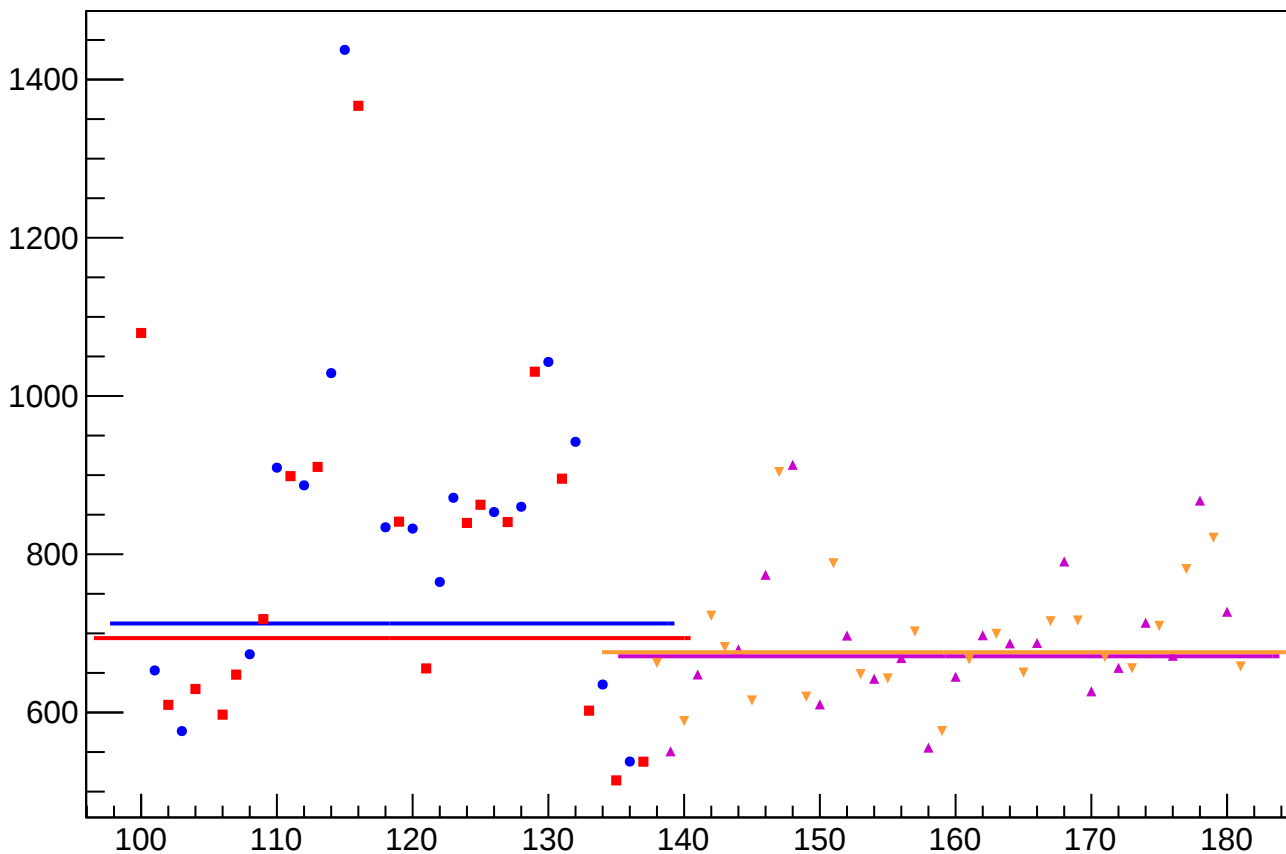
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -115.763 ± 143.298 χ^2/NDF : 49.9/37

Out: 37.781 ± 138.910 χ^2/NDF : 42.8/41

All: -36.604 ± 99.739 χ^2/NDF : 93.2/79

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: 676.194 $\pm$ 0.115 χ^2 /NDF: 351031.2/22

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 671.051 $\pm$ 0.118 χ^2 /NDF: 458762.6/20

Left: 673.682 $\pm$ 0.082 χ^2 /NDF: 810771.7/43

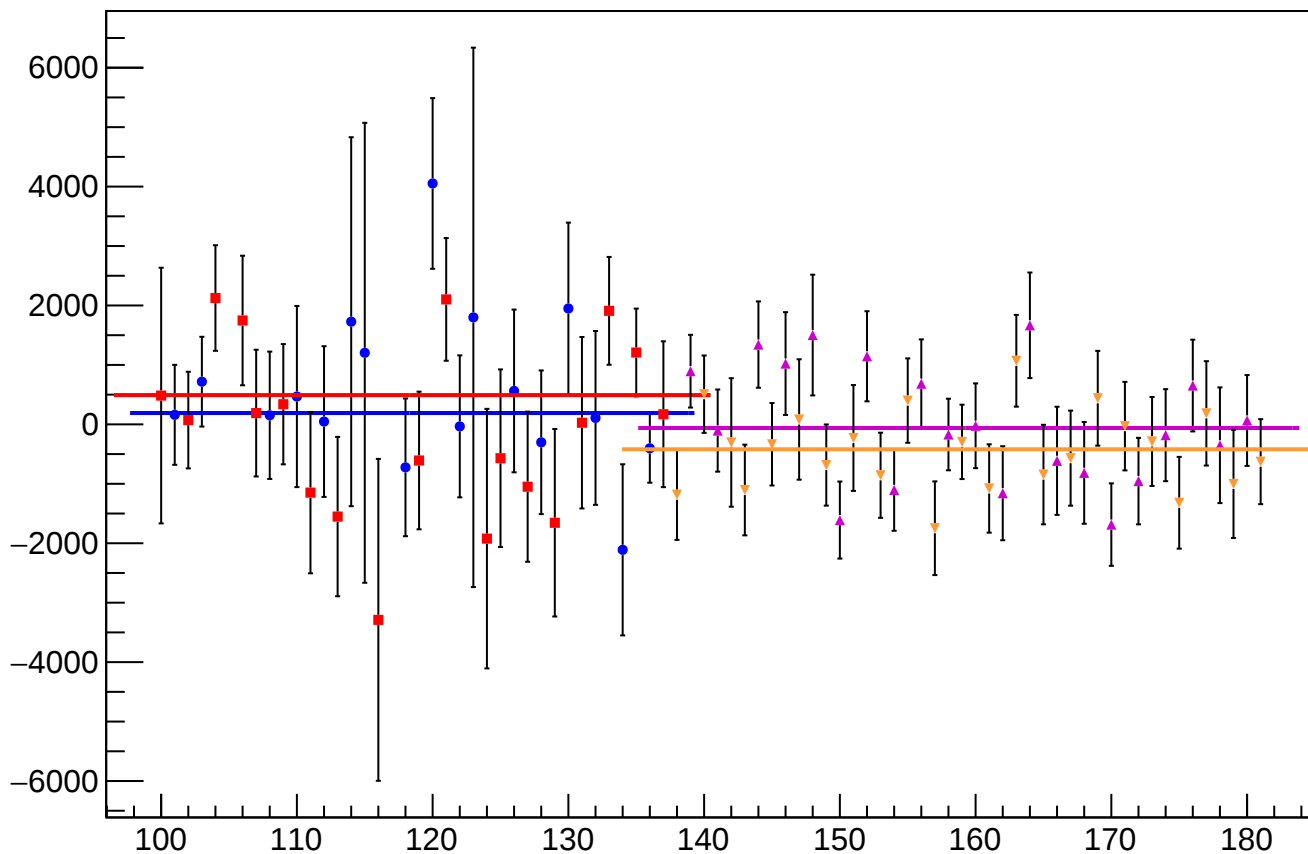
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 681.734 $\pm$ 0.101 χ^2 /NDF: 1151270.1/37

Out: 681.002 $\pm$ 0.098 χ^2 /NDF: 1032505.2/41

All: 681.357 $\pm$ 0.071 χ^2 /NDF: 2183802.2/79

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -419.354+/-160.110 χ^2/NDF :17.5/22

Right Out: 492.659+/-262.648 χ^2/NDF : 22.8/18

Left In: -61.138+/-163.849 χ^2/NDF :36.5/20

Left: -244.379+/-114.514 χ^2/NDF : 56.5/43

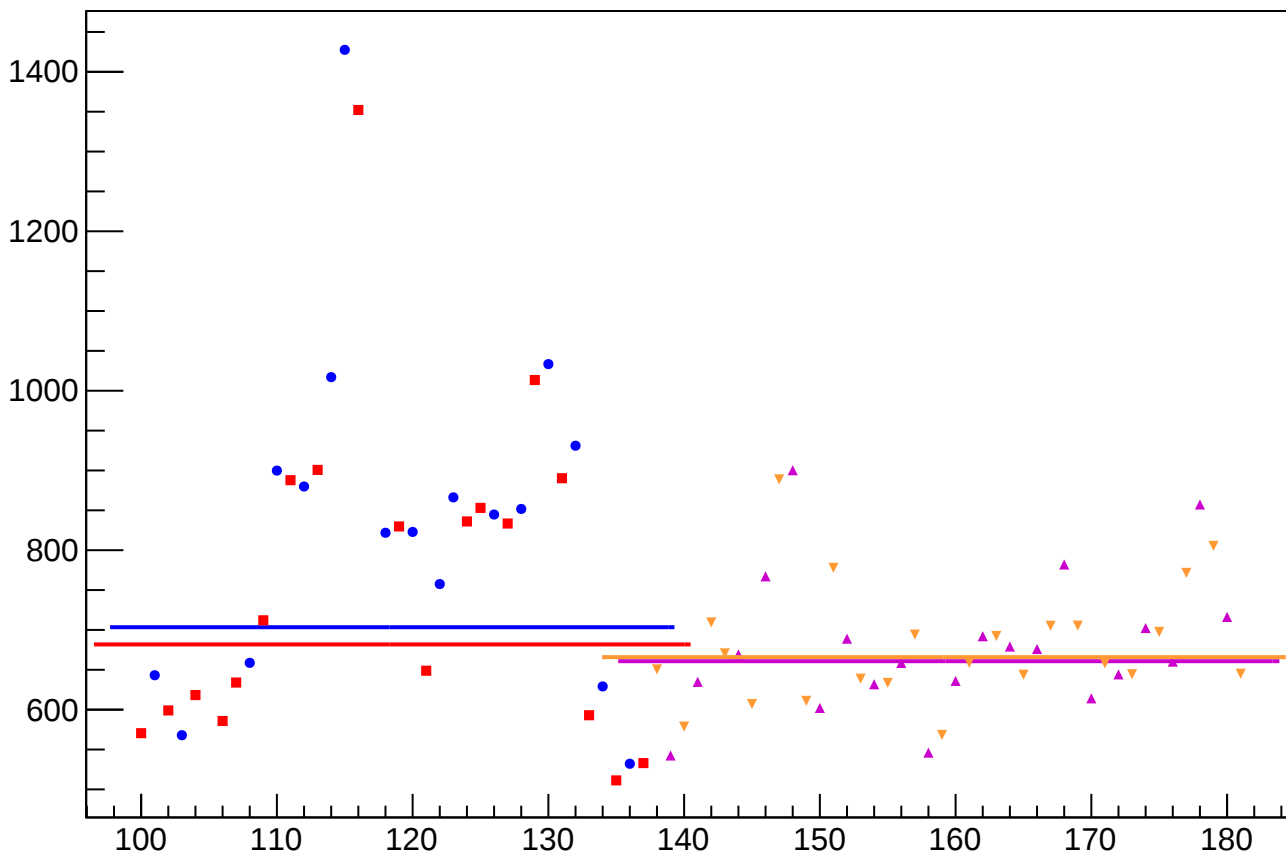
Right: 350.694+/-191.134 χ^2/NDF : 37.6/35

In: 3.604+/-141.243 χ^2/NDF :51.3/37

Out: -172.262+/-136.711 χ^2/NDF :49.1/41

All: -87.196+/-98.233 χ^2/NDF : 101.2/79

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 665.882 $\pm$ 0.113 χ^2 /NDF:350716.1/22

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 660.780 $\pm$ 0.116 χ^2 /NDF:469748.3/20

Left: 663.390 $\pm$ 0.081 χ^2 /NDF: 821456.3/43

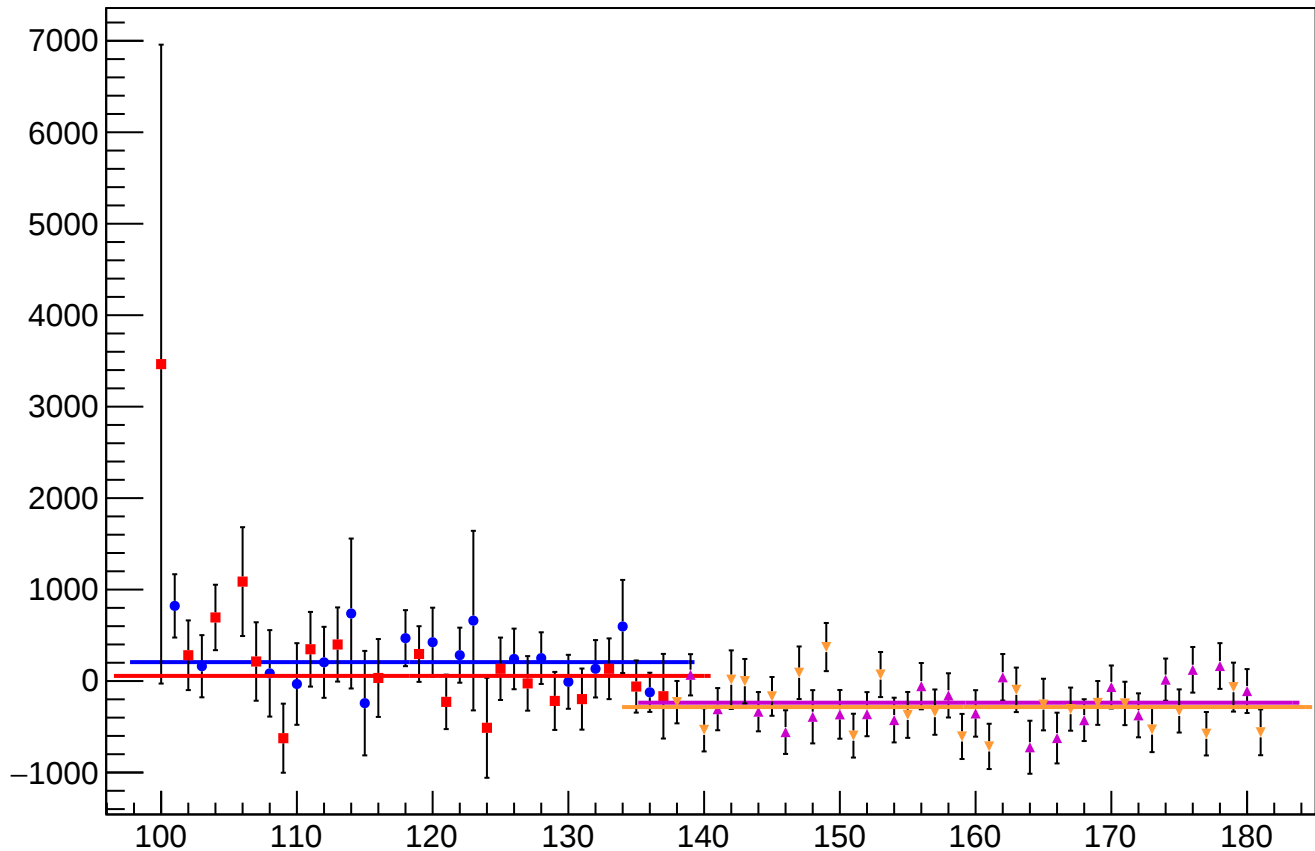
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 671.731 $\pm$ 0.100 χ^2 /NDF:1171407.3/37

Out: 670.197 $\pm$ 0.097 χ^2 /NDF:1020874.4/41

All: 670.939 $\pm$ 0.069 χ^2 /NDF: 2192403.5/79

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: -284.532 $\pm$ 51.611 χ^2 /NDF:25.4/22

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -236.713 $\pm$ 53.545 χ^2 /NDF:19.8/20

Left: -261.501 $\pm$ 37.159 χ^2 /NDF: 45.6/43

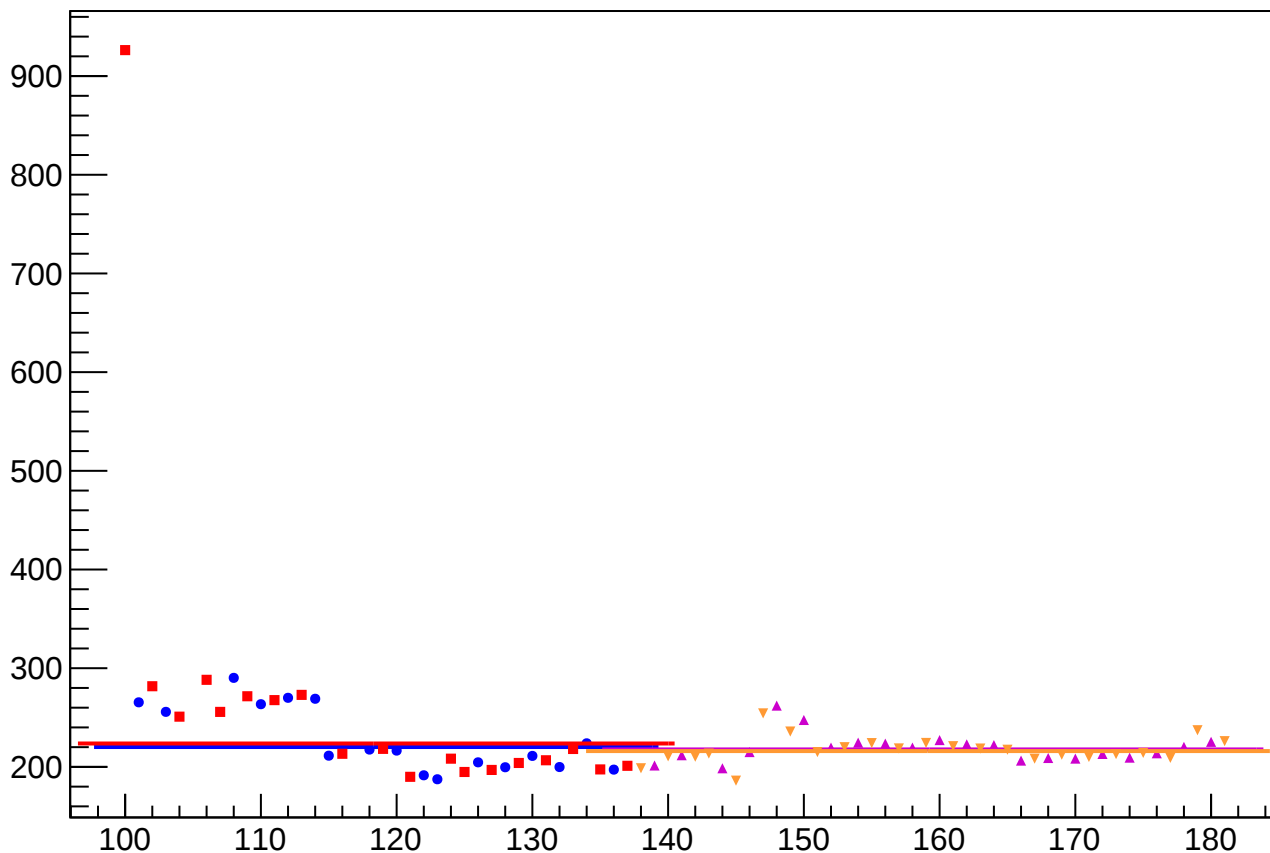
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -112.026 $\pm$ 45.400 χ^2 /NDF:48.6/37

Out: -193.008 $\pm$ 44.139 χ^2 /NDF:53.7/41

All: -153.657 $\pm$ 31.647 χ^2 /NDF: 103.9/79

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 216.029 $\pm$ 0.036 χ^2 /NDF: 127498.7/22

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.697 $\pm$ 0.038 χ^2 /NDF: 121810.7/20

Left: 216.832 $\pm$ 0.026 χ^2 /NDF: 250316.1/43

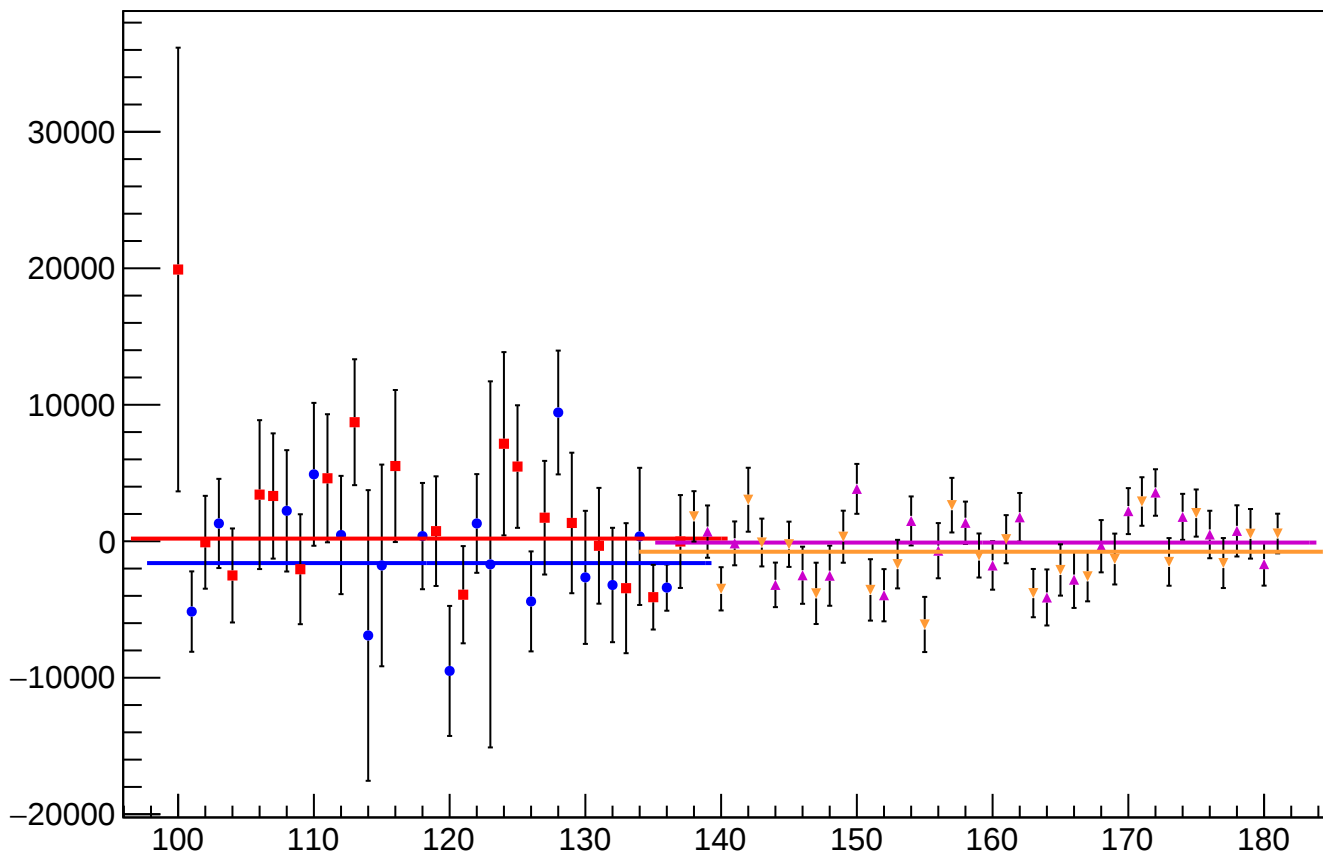
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.382 $\pm$ 0.032 χ^2 /NDF: 351417.7/37

Out: 218.091 $\pm$ 0.031 χ^2 /NDF: 492626.1/41

All: 218.232 $\pm$ 0.022 χ^2 /NDF: 844086.0/79

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: -767.376 $\pm$ 378.126 χ^2 /NDF:35.2/22

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -96.446 $\pm$ 393.684 χ^2 /NDF:33.4/20

Left: -445.430 $\pm$ 272.710 χ^2 /NDF: 70.1/43

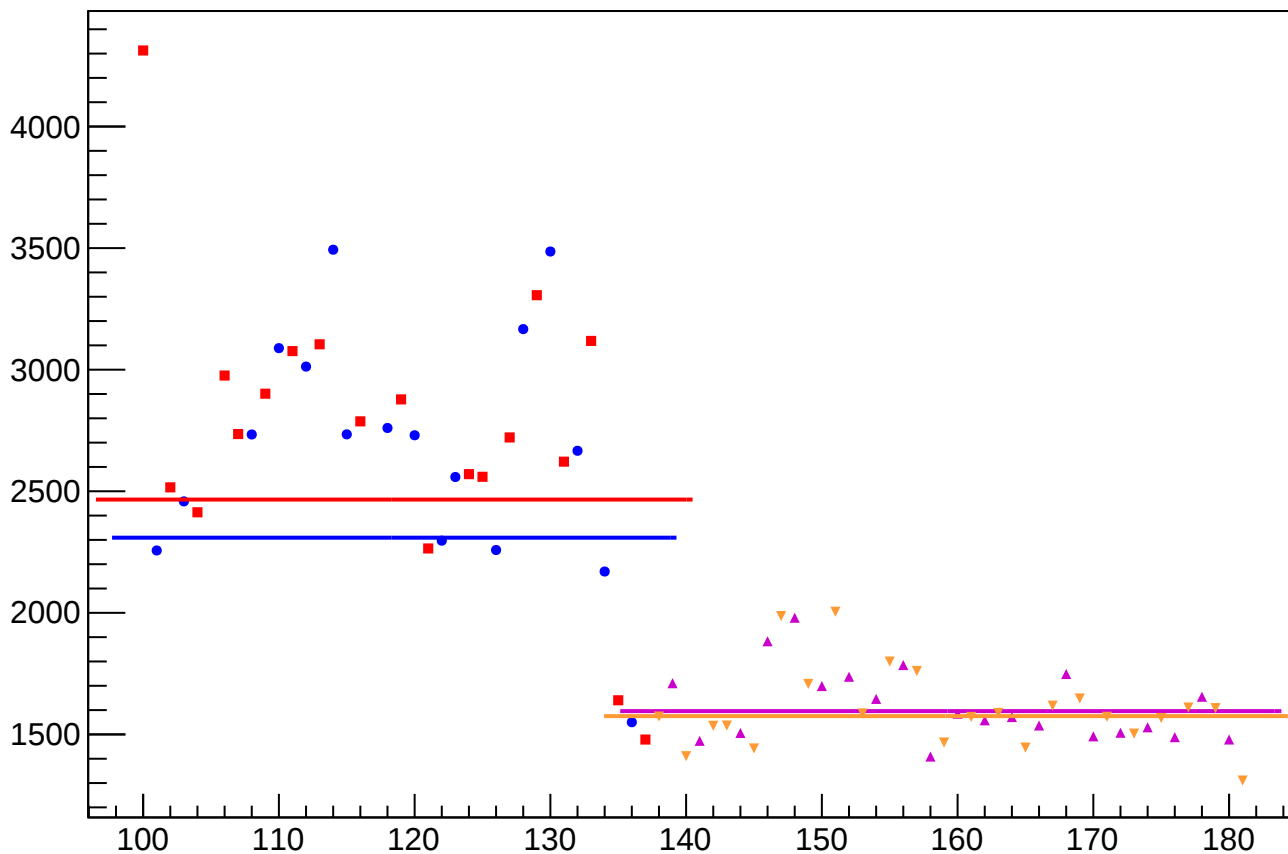
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -328.562 $\pm$ 362.002 χ^2 /NDF:52.3/37

Out: -635.161 $\pm$ 351.192 χ^2 /NDF:52.4/41

All: -486.508 $\pm$ 252.065 χ^2 /NDF: 105.0/79

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: 1575.186 $\pm$ 0.267 χ^2 /NDF: 321680.4/22

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1595.785 $\pm$ 0.278 χ^2 /NDF: 240886.2/20

Left: 1585.070 $\pm$ 0.193 χ^2 /NDF: 565414.9/43

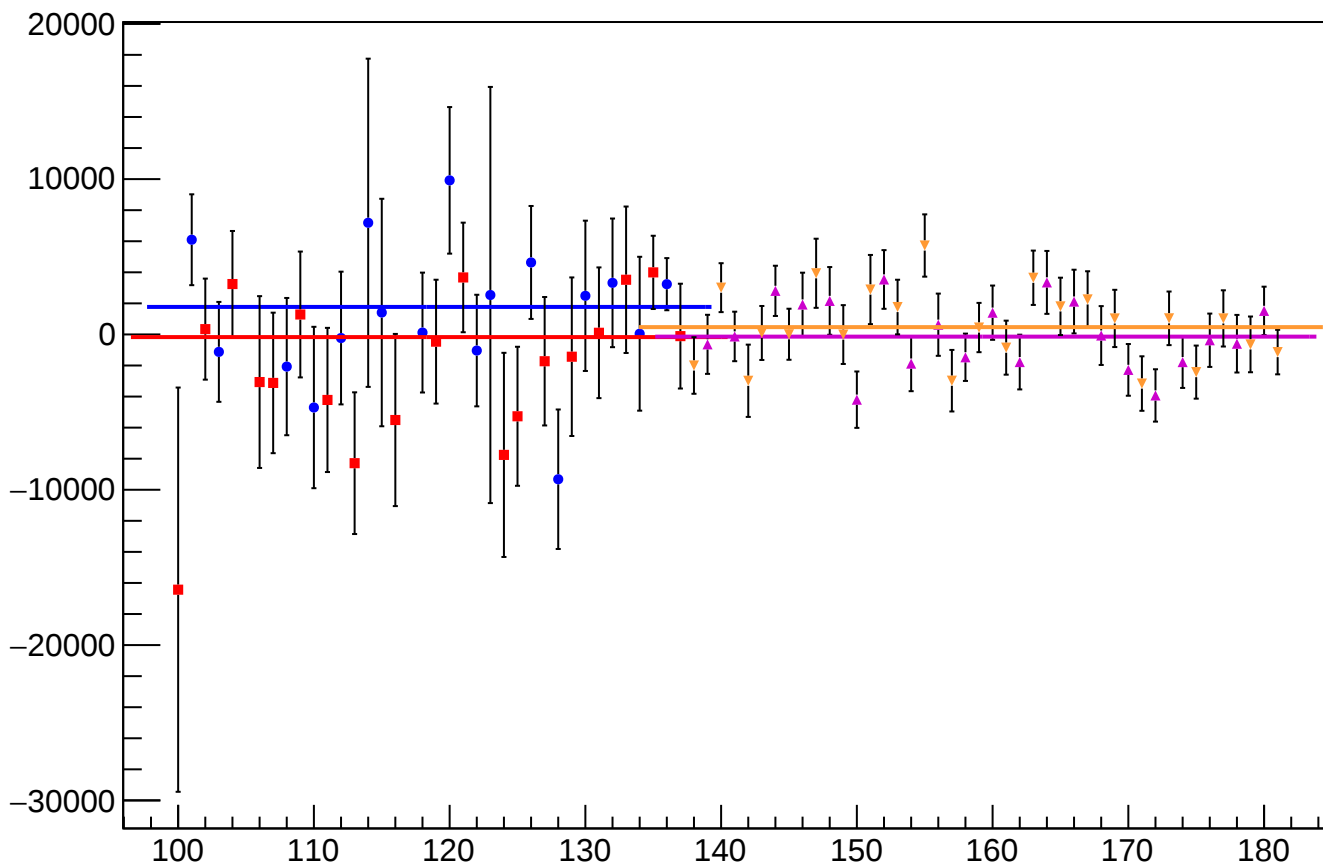
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1705.980 $\pm$ 0.256 χ^2 /NDF: 2055988.4/37

Out: 1697.559 $\pm$ 0.248 χ^2 /NDF: 2540456.9/41

All: 1701.642 $\pm$ 0.178 χ^2 /NDF: 4597002.8/79

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2 /NDF: 17.3/16

Left Out: 470.896 $\pm$ 373.864 χ^2 /NDF:35.4/22

Right Out: -170.902 $\pm$ 937.411 χ^2 /NDF: 16.0/18

Left In: -141.586 $\pm$ 388.991 χ^2 /NDF:30.9/20

Left: 176.795 $\pm$ 269.551 χ^2 /NDF: 67.5/43

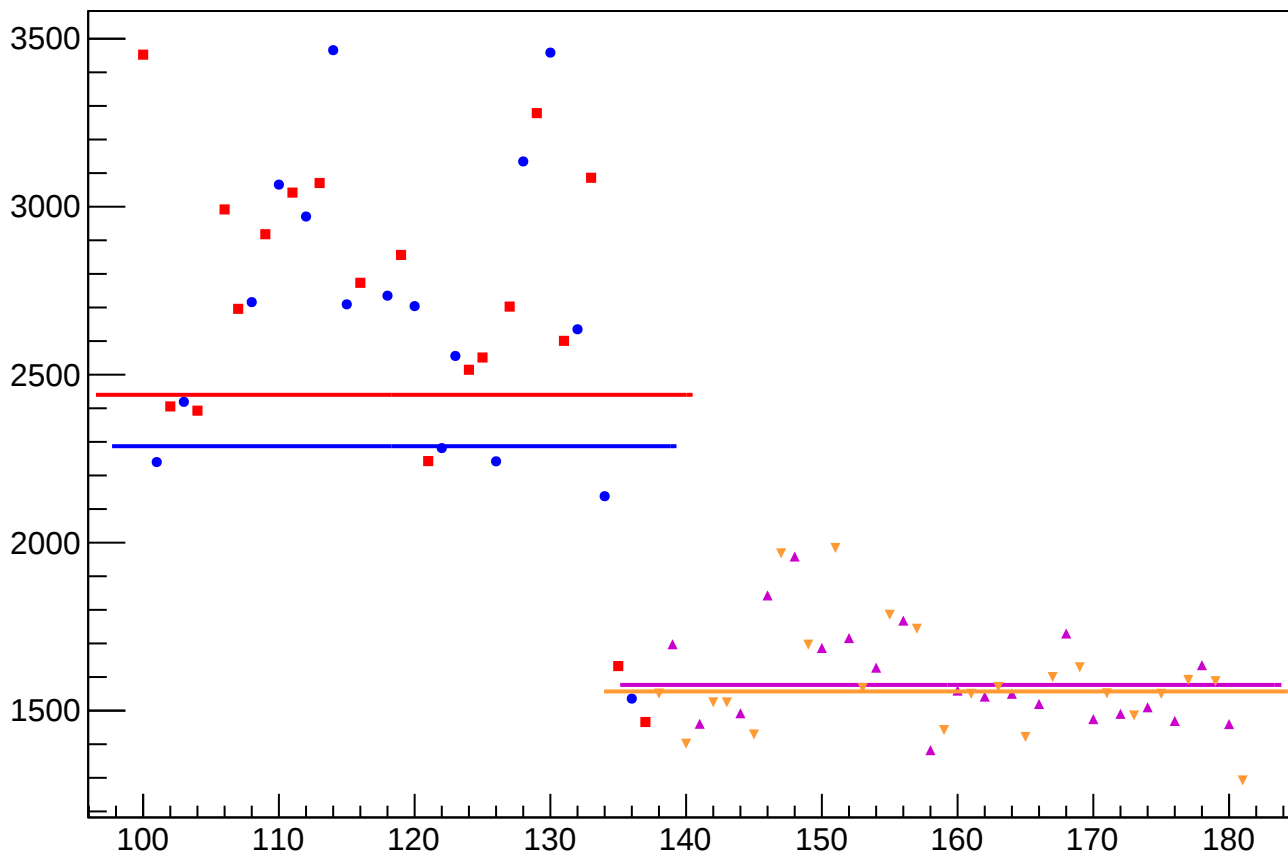
Right: 826.520 $\pm$ 653.801 χ^2 /NDF: 35.6/35

In: 152.666 $\pm$ 357.823 χ^2 /NDF:52.0/37

Out: 382.820 $\pm$ 347.264 χ^2 /NDF:51.8/41

All: 271.189 $\pm$ 249.202 χ^2 /NDF: 104.0/79

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1557.111+/-0.264 χ^2/NDF : 327852.5/22

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1576.581+/-0.275 χ^2/NDF : 242844.9/20

Left: 1566.460+/-0.191 χ^2/NDF : 573301.9/43

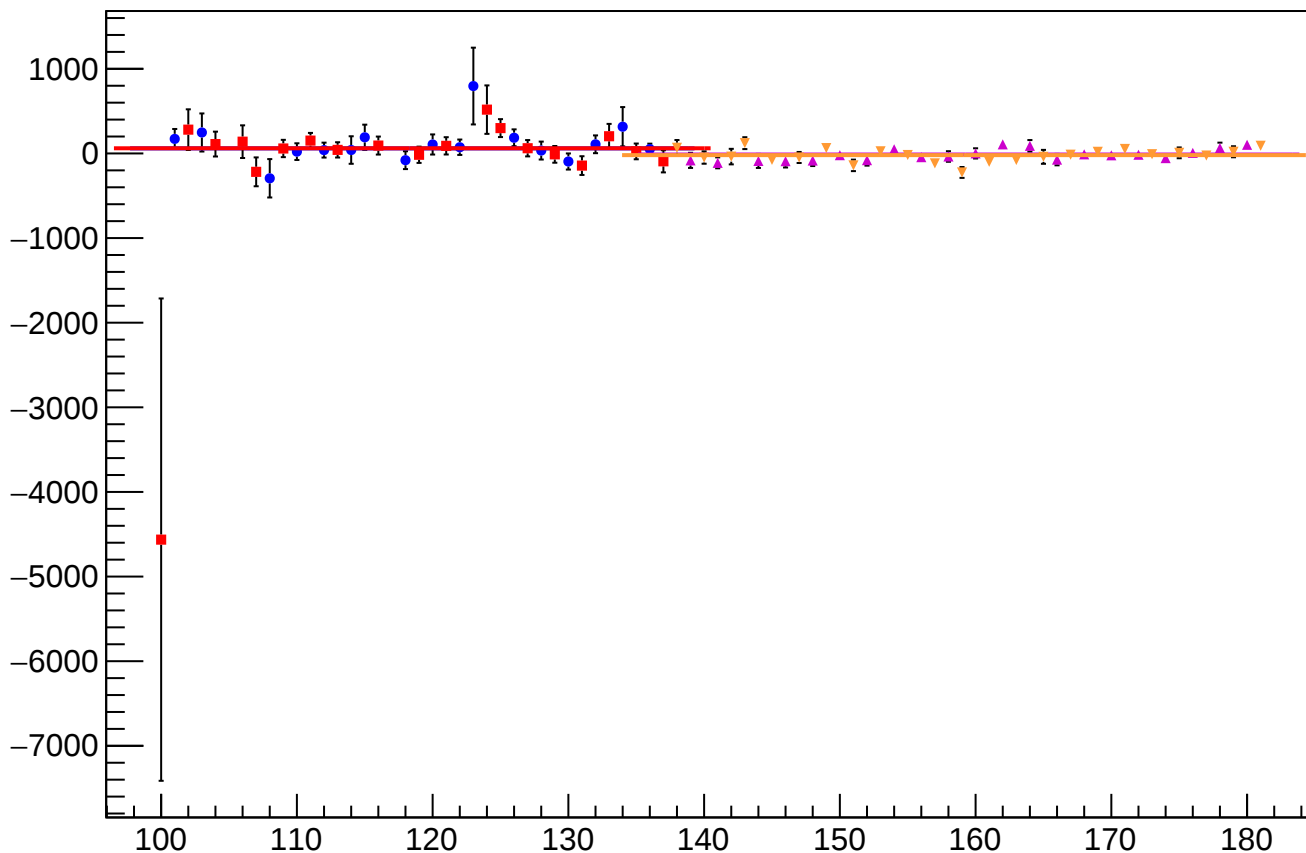
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1685.879+/-0.253 χ^2/NDF : 2068699.9/37

Out: 1678.282+/-0.246 χ^2/NDF : 2537842.7/41

All: 1681.967+/-0.176 χ^2/NDF : 4607006.8/79

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -19.904 ± 12.367 $\chi^2/\text{NDF}: 35.5/22$

Right Out: 60.983 ± 27.009 $\chi^2/\text{NDF}: 22.3/18$

Left In: -12.734 ± 12.861 $\chi^2/\text{NDF}: 23.1/20$

Left: -16.460 ± 8.914 $\chi^2/\text{NDF}: 58.7/43$

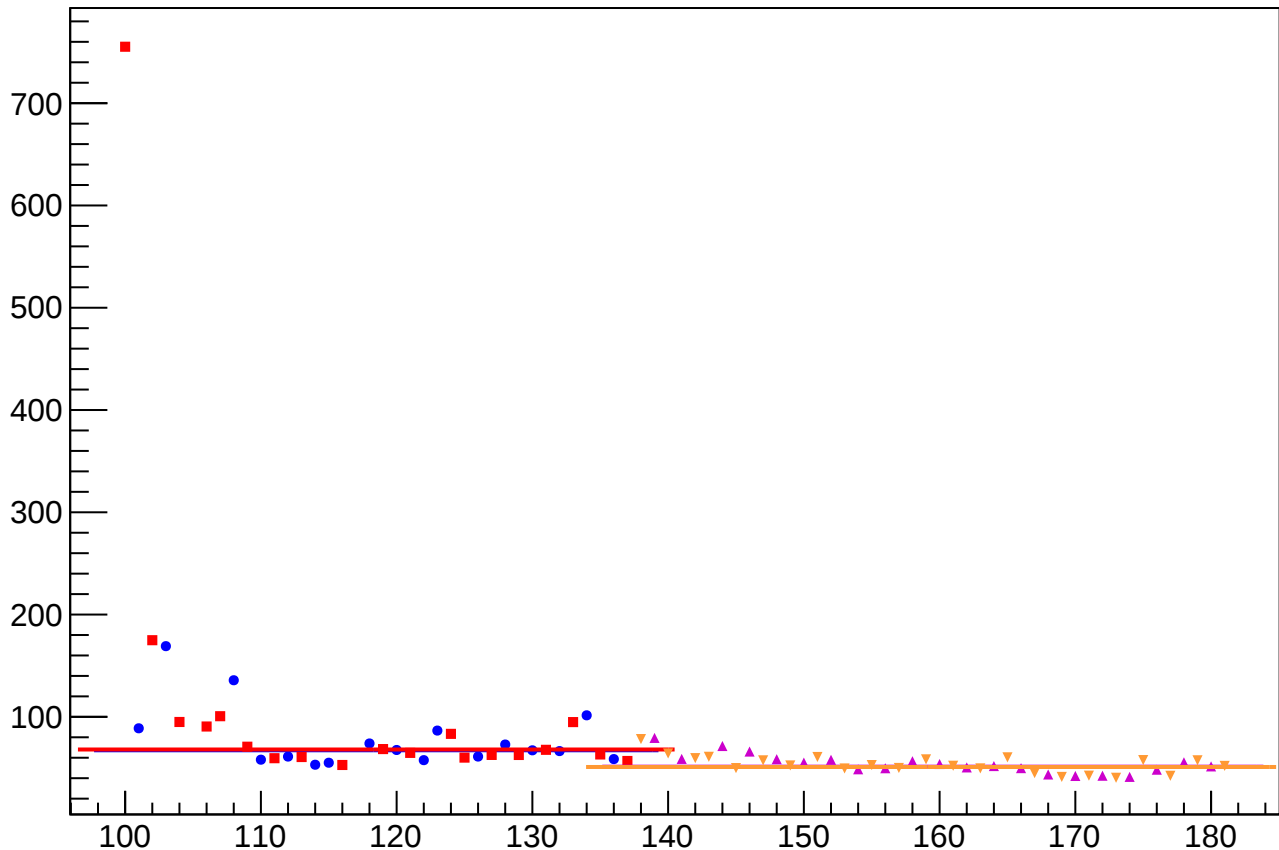
Right: 60.322 ± 19.123 $\chi^2/\text{NDF}: 37.7/35$

In: 0.590 ± 11.618 $\chi^2/\text{NDF}: 44.3/37$

Out: -5.886 ± 11.244 $\chi^2/\text{NDF}: 65.2/41$

All: -2.754 ± 8.080 $\chi^2/\text{NDF}: 109.6/79$

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: 50.964 $\pm$ 0.009 χ^2 /NDF: 807439.7/22

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.263 $\pm$ 0.009 χ^2 /NDF: 805493.0/20

Left: 51.107 $\pm$ 0.006 χ^2 /NDF: 1613494.0/43

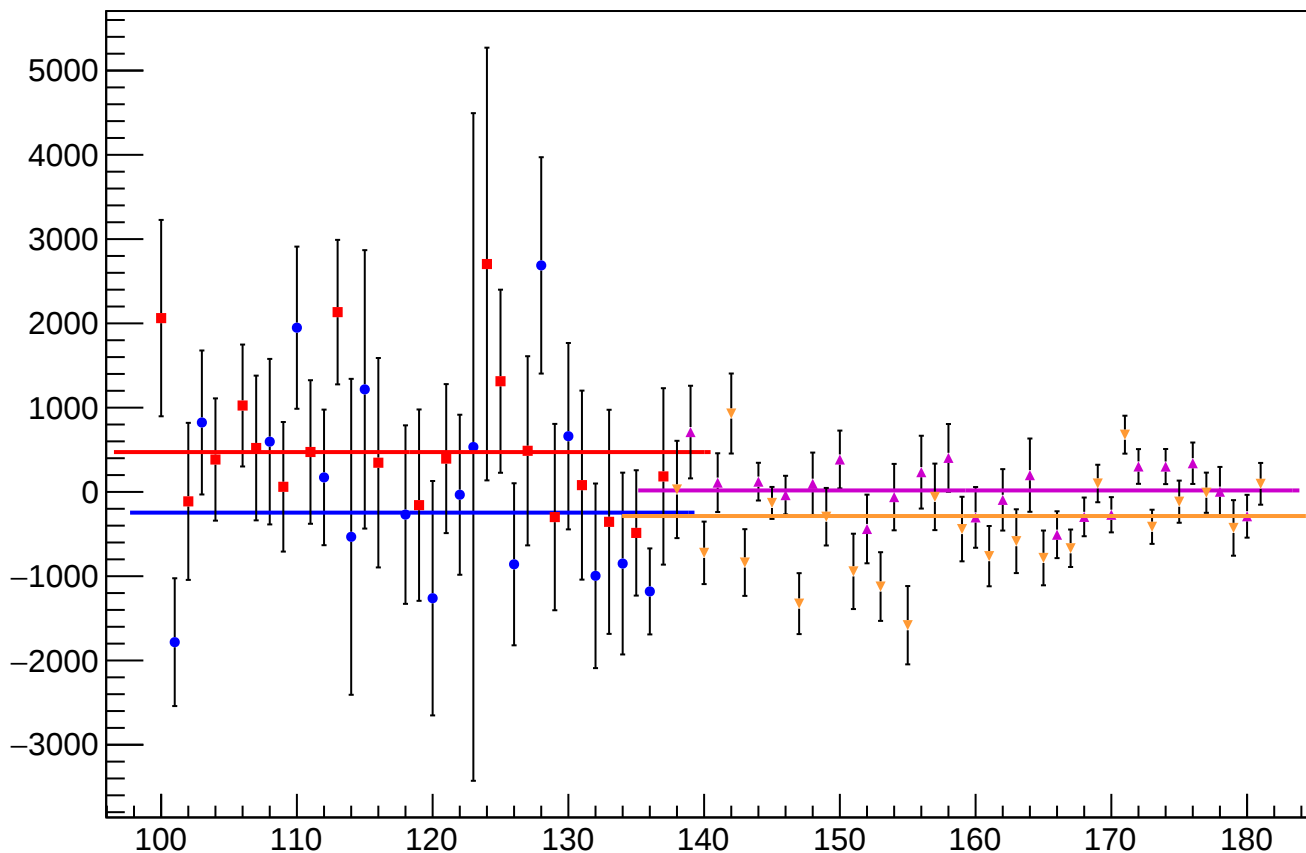
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.214 $\pm$ 0.008 χ^2 /NDF: 2218990.6/37

Out: 53.927 $\pm$ 0.008 χ^2 /NDF: 2340491.8/41

All: 54.066 $\pm$ 0.006 χ^2 /NDF: 4560113.4/79

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -285.908 ± 61.794 χ^2/NDF : 67.6/22

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 17.753 ± 62.517 χ^2/NDF : 20.9/20

Left: -135.845 ± 43.948 χ^2/NDF : 100.5/43

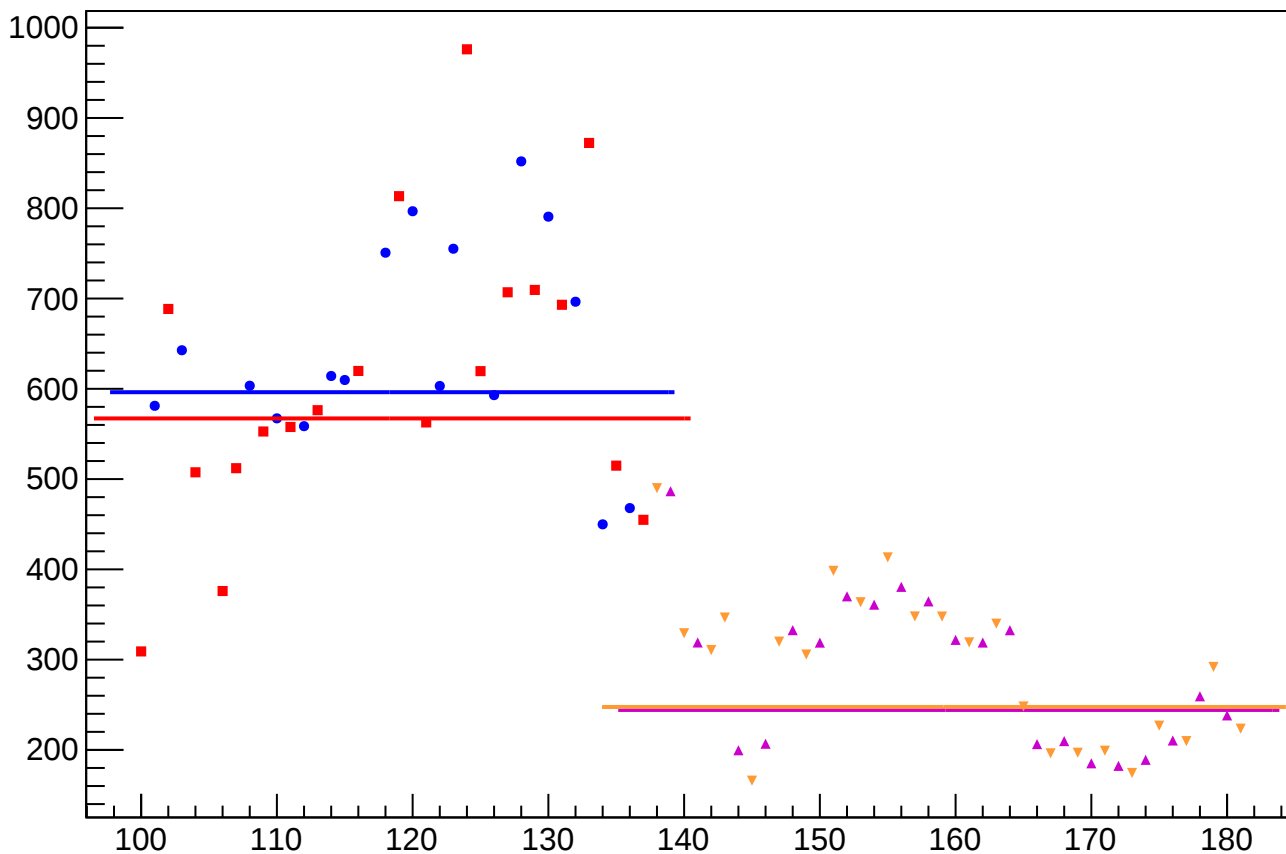
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 0.401 ± 60.423 χ^2/NDF : 45.9/37

Out: -229.869 ± 59.468 χ^2/NDF : 90.1/41

All: -116.568 ± 42.384 χ^2/NDF : 143.3/79

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 247.546+/-0.044 χ^2/NDF : 2909891.2/22

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 244.269+/-0.044 χ^2/NDF : 2433739.9/20

Left: 245.927+/-0.031 χ^2/NDF : 5346409.4/43

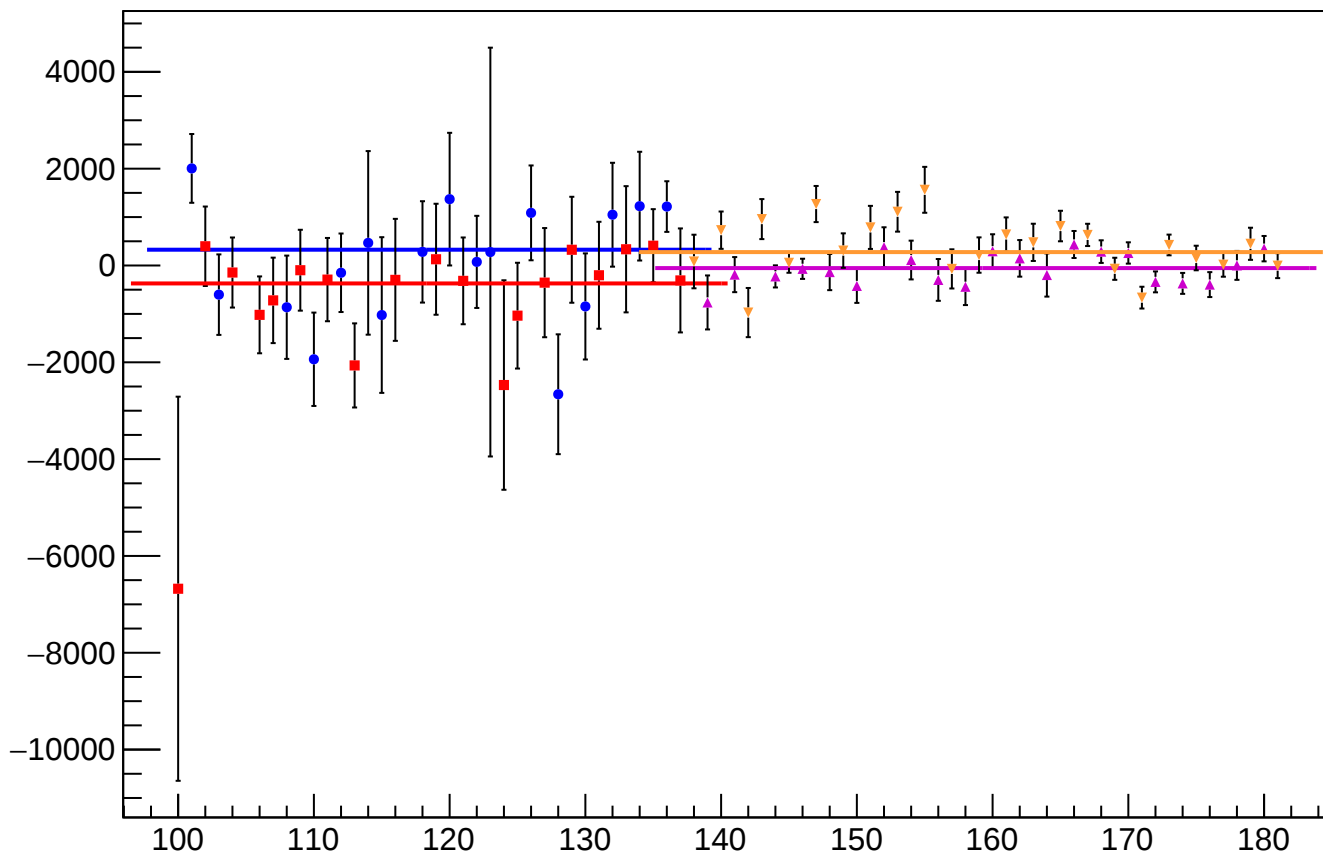
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 267.459+/-0.043 χ^2/NDF : 7032562.6/37

Out: 271.152+/-0.042 χ^2/NDF : 7537314.4/41

All: 269.335+/-0.030 χ^2/NDF : 14573672.9/79

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 276.747 ± 63.511 χ^2/NDF : 61.7/22

Right Out: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: -53.752 ± 63.448 χ^2/NDF : 22.7/20

Left: 111.333 ± 44.886 χ^2/NDF : 97.9/43

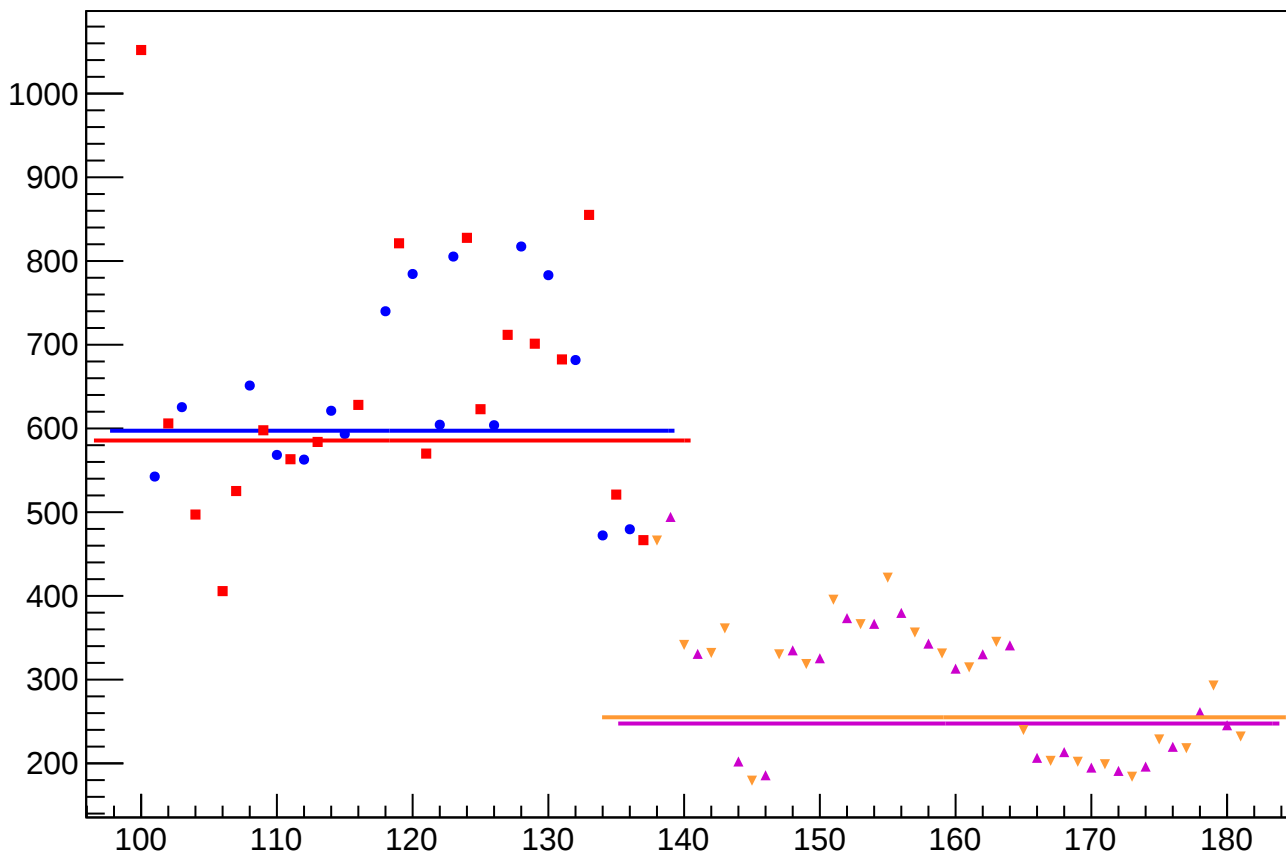
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -28.068 ± 61.265 χ^2/NDF : 52.0/37

Out: 228.924 ± 61.120 χ^2/NDF : 80.9/41

All: 100.732 ± 43.270 χ^2/NDF : 141.7/79

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.013 $\pm$ 0.045 χ^2 /NDF: 2625838.8/22

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.559 $\pm$ 0.045 χ^2 /NDF: 2370452.9/20

Left: 251.282 $\pm$ 0.032 χ^2 /NDF: 5010082.5/43

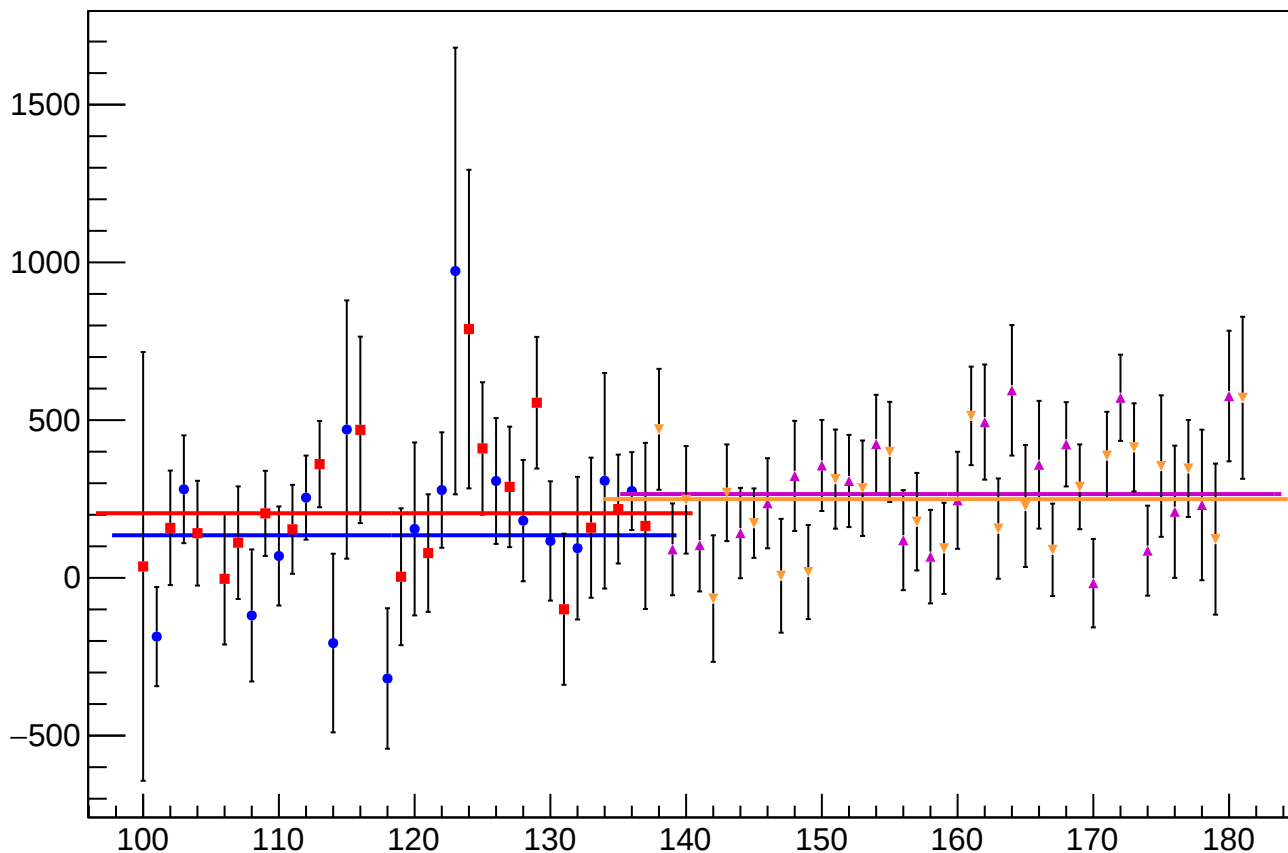
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 271.208 $\pm$ 0.043 χ^2 /NDF: 6843370.2/37

Out: 279.432 $\pm$ 0.043 χ^2 /NDF: 7103291.8/41

All: 275.330 $\pm$ 0.031 χ^2 /NDF: 13964724.3/79

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 249.620 ± 33.182 $\chi^2/\text{NDF}: 20.3/22$

Right Out: 204.866 ± 44.440 $\chi^2/\text{NDF}: 12.1/18$

Left In: 265.640 ± 34.522 $\chi^2/\text{NDF}: 26.4/20$

Left: 257.313 ± 23.923 $\chi^2/\text{NDF}: 46.9/43$

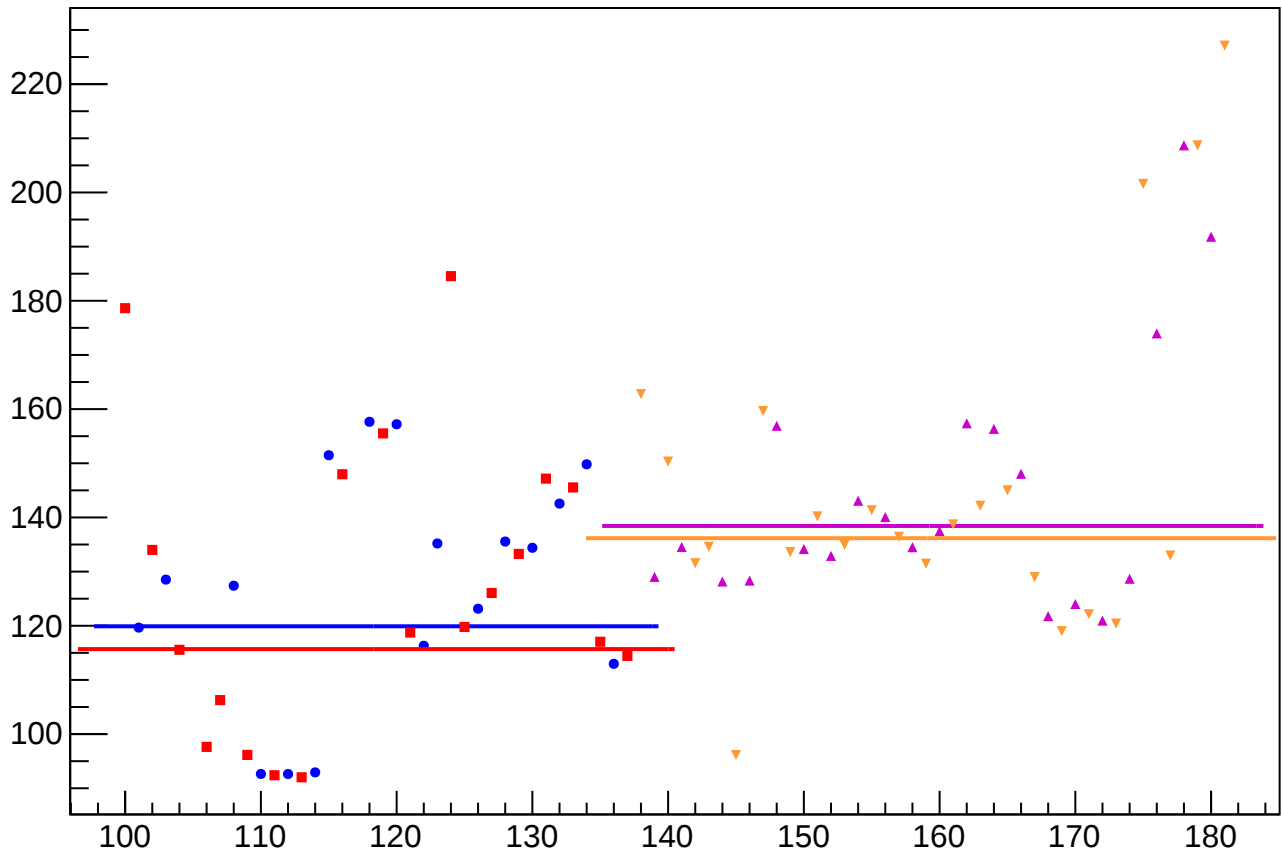
Right: 171.919 ± 32.299 $\chi^2/\text{NDF}: 31.3/35$

In: 219.899 ± 27.828 $\chi^2/\text{NDF}: 49.5/37$

Out: 233.600 ± 26.588 $\chi^2/\text{NDF}: 33.1/41$

All: 227.062 ± 19.224 $\chi^2/\text{NDF}: 82.7/79$

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: 136.166 $\pm$ 0.023 χ^2 /NDF:1054797.6/22

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 138.424 $\pm$ 0.024 χ^2 /NDF:560100.1/20

Left: 137.250 $\pm$ 0.017 χ^2 /NDF: 1619343.9/43

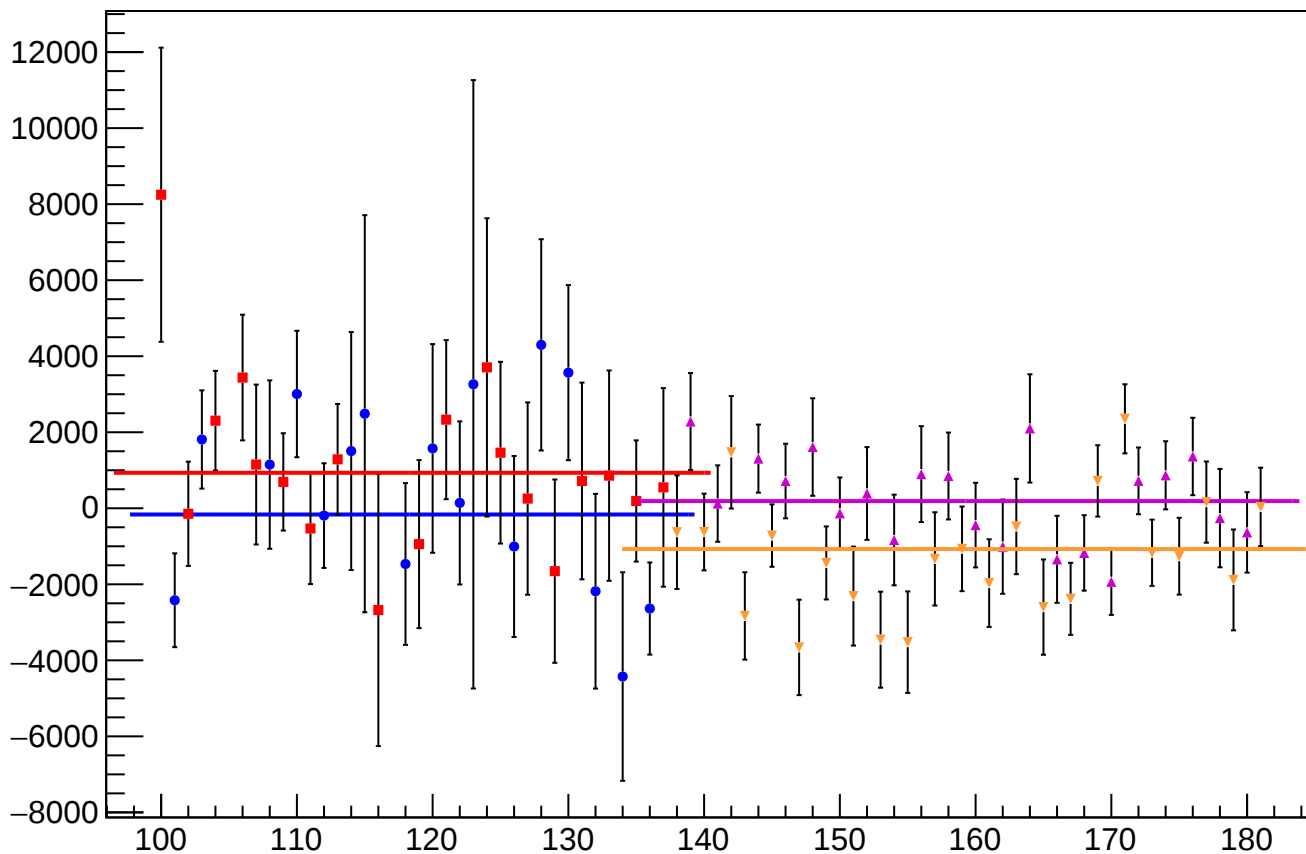
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 131.938 $\pm$ 0.020 χ^2 /NDF:1107196.4/37

Out: 128.838 $\pm$ 0.019 χ^2 /NDF:1762679.6/41

All: 130.317 $\pm$ 0.014 χ^2 /NDF: 2882852.3/79

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: -1073.008 $\pm$ 227.840 χ^2 /NDF:43.0/22

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 188.688 $\pm$ 232.882 χ^2 /NDF:23.0/20

Left: -455.967 $\pm$ 162.861 χ^2 /NDF: 81.0/43

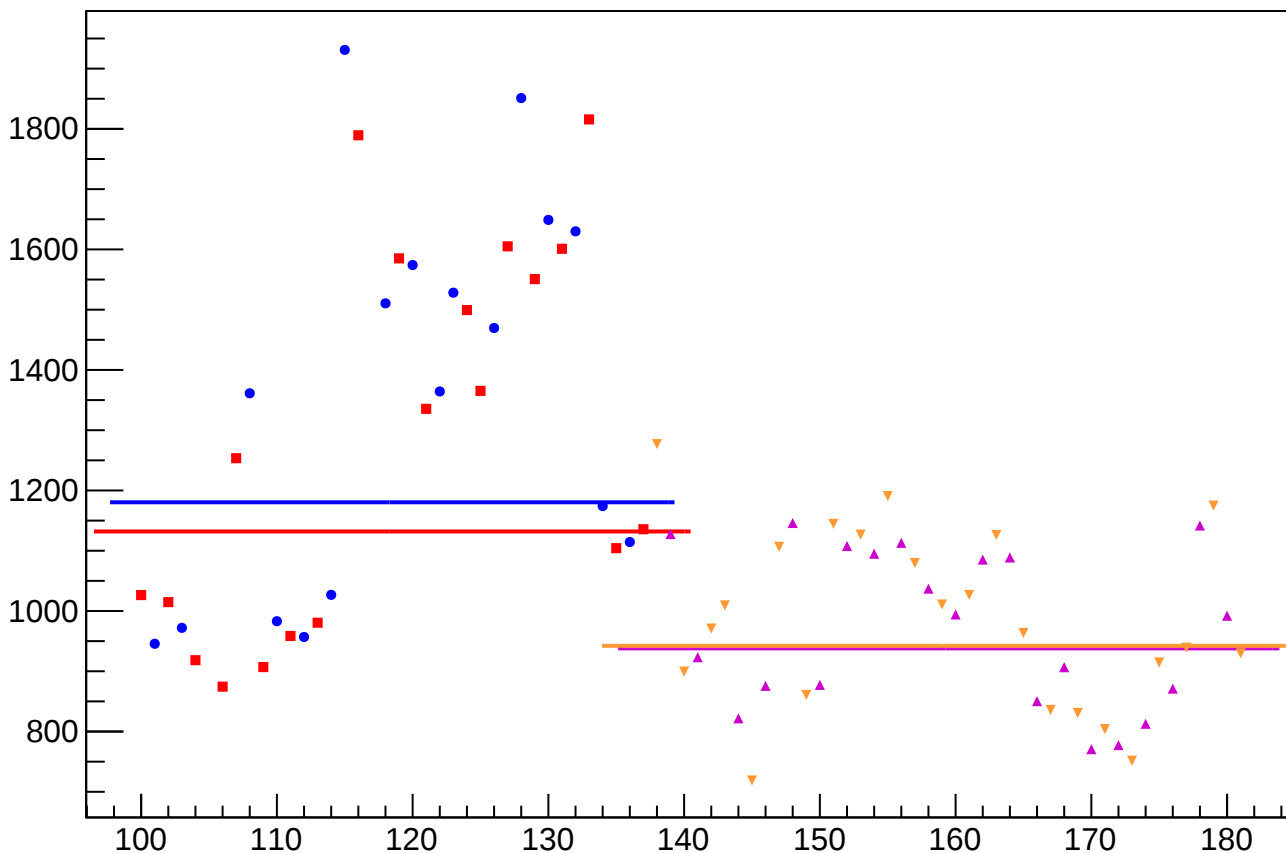
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 119.161 $\pm$ 208.635 χ^2 /NDF:47.2/37

Out: -645.048 $\pm$ 202.094 χ^2 /NDF:72.5/41

All: -275.112 $\pm$ 145.159 χ^2 /NDF: 126.6/79

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 942.223 $\pm$ 0.161 χ^2 /NDF: 814469.1/22

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 937.958 $\pm$ 0.165 χ^2 /NDF: 587158.6/20

Left: 940.137 $\pm$ 0.115 χ^2 /NDF: 1401970.5/43

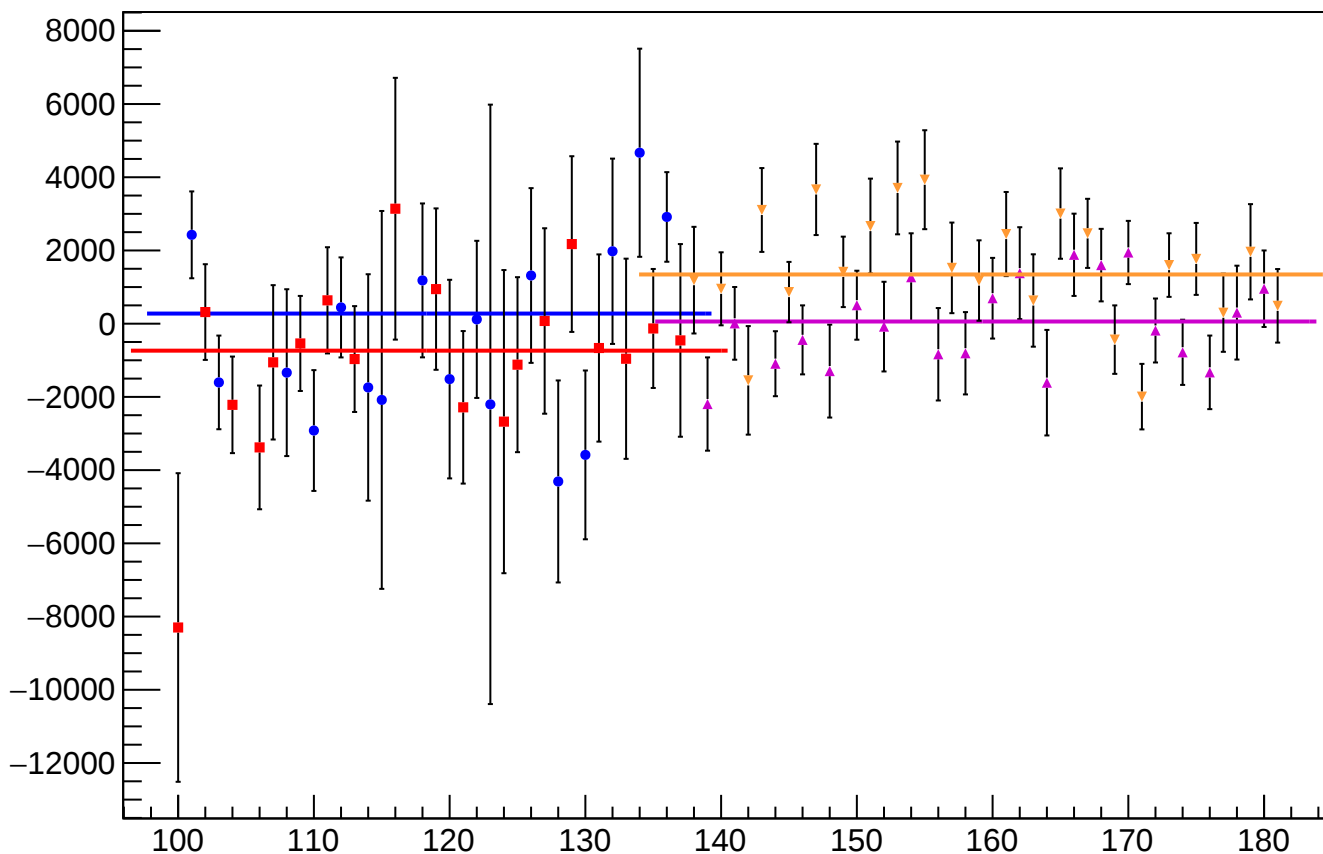
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 985.815 $\pm$ 0.148 χ^2 /NDF: 1683880.3/37

Out: 982.685 $\pm$ 0.143 χ^2 /NDF: 1872183.9/41

All: 984.200 $\pm$ 0.103 χ^2 /NDF: 3556296.5/79

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1344.498+/-226.372 χ^2/NDF :42.6/22

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: 59.483+/-231.071 χ^2/NDF :24.8/20

Left: 715.187+/-161.705 χ^2/NDF : 83.2/43

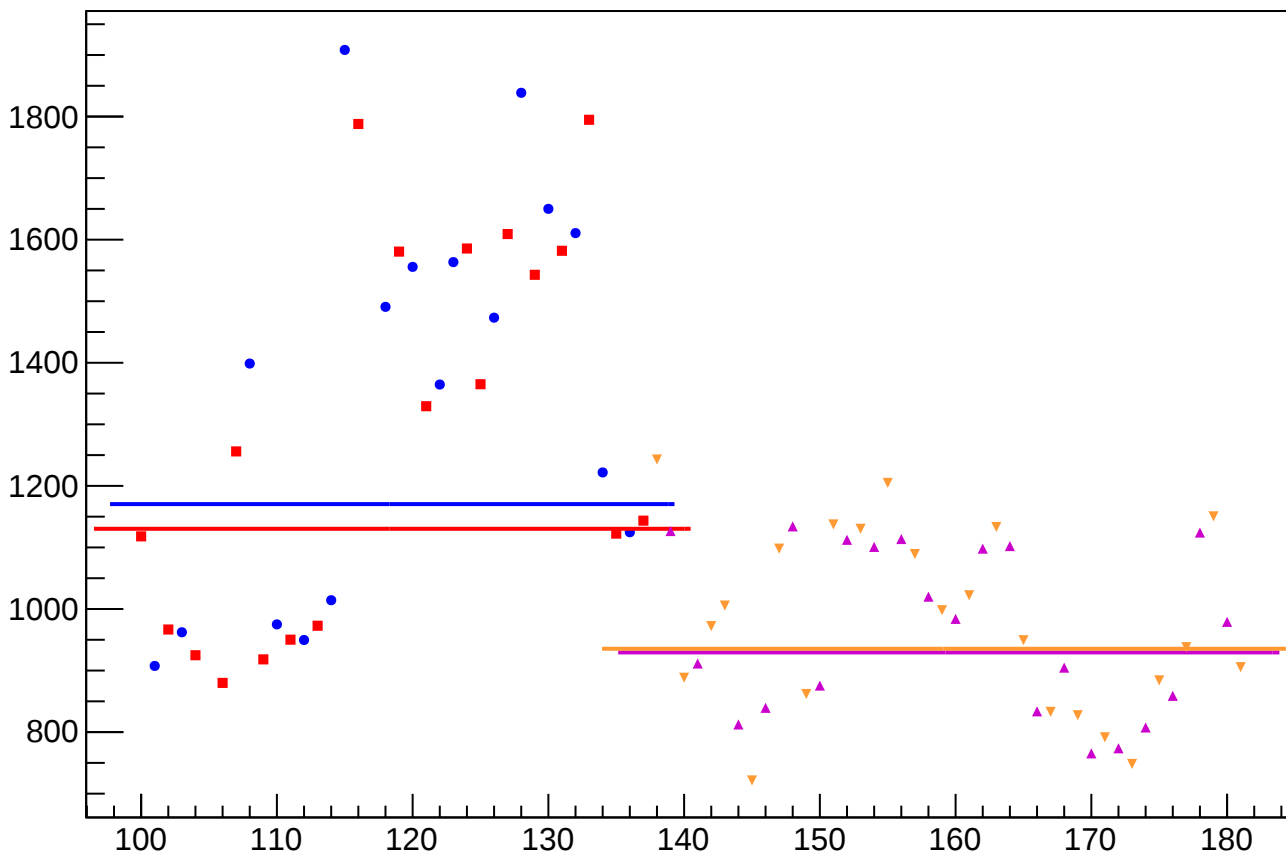
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: 102.234+/-207.055 χ^2/NDF :49.3/37

Out: 904.886+/-201.048 χ^2/NDF :73.3/41

All: 515.371+/-144.239 χ^2/NDF : 130.3/79

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 935.392 $\pm$ 0.160 χ^2 /NDF: 813236.1/22

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 929.399 $\pm$ 0.163 χ^2 /NDF: 620304.4/20

Left: 932.457 $\pm$ 0.114 χ^2 /NDF: 1434226.9/43

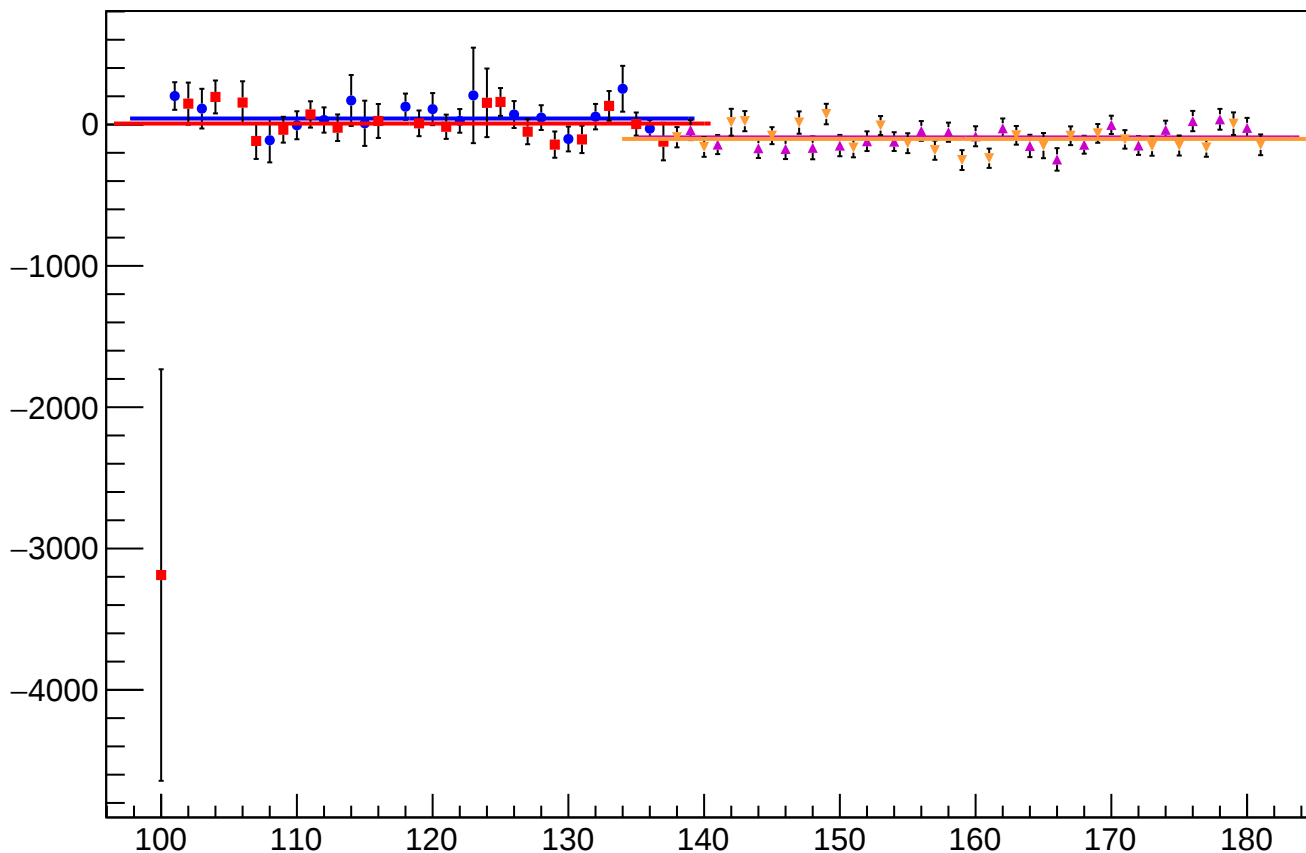
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 976.893 $\pm$ 0.146 χ^2 /NDF: 1754537.7/37

Out: 976.566 $\pm$ 0.142 χ^2 /NDF: 1889529.0/41

All: 976.725 $\pm$ 0.102 χ^2 /NDF: 3644069.3/79

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -101.767 ± 14.683 $\chi^2/\text{NDF}: 31.3/22$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -90.917 ± 15.329 $\chi^2/\text{NDF}: 21.9/20$

Left: -96.576 ± 10.603 $\chi^2/\text{NDF}: 53.5/43$

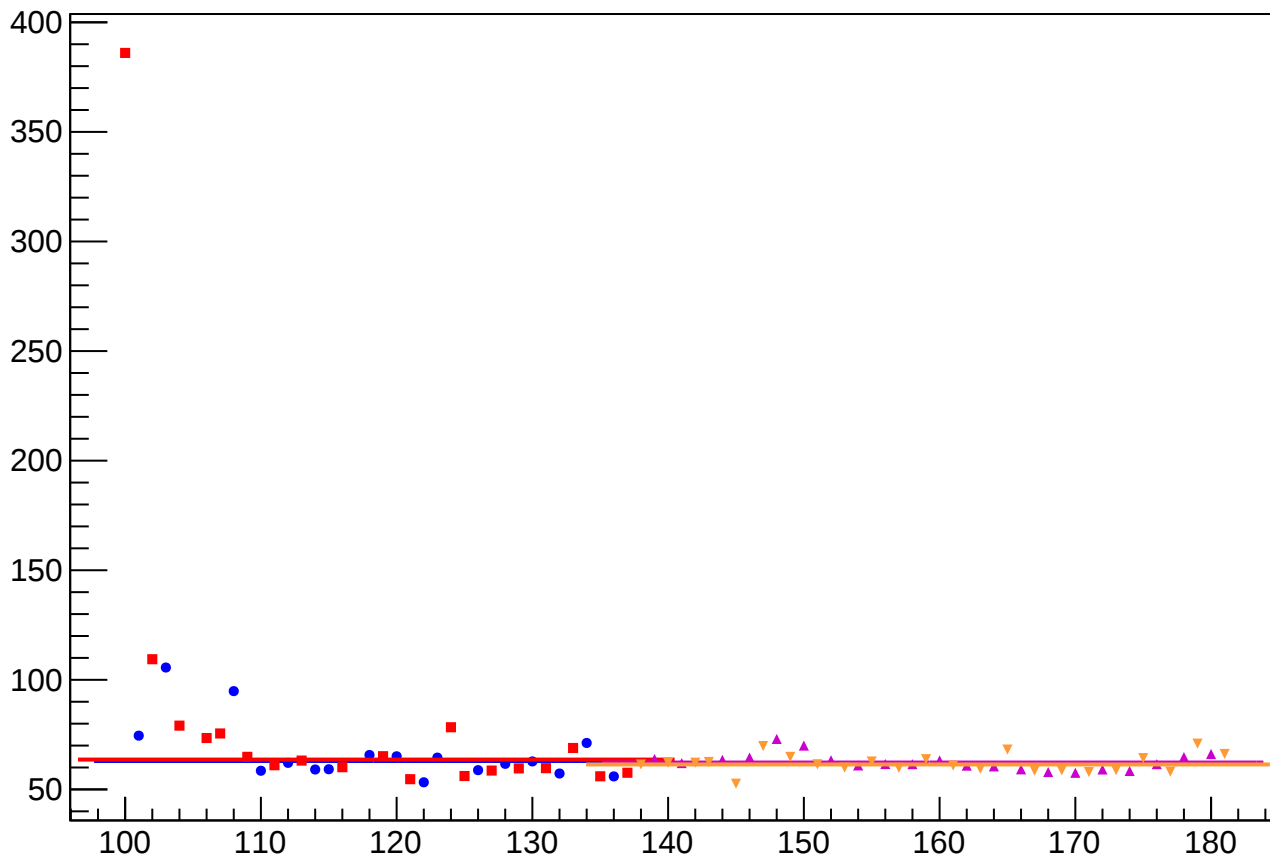
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -53.775 ± 13.025 $\chi^2/\text{NDF}: 55.0/37$

Out: -72.982 ± 12.593 $\chi^2/\text{NDF}: 66.5/41$

All: -63.702 ± 9.053 $\chi^2/\text{NDF}: 122.6/79$

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: 61.392 $\pm$ 0.010 χ^2 /NDF: 149777.3/22

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.258 $\pm$ 0.011 χ^2 /NDF: 106685.2/20

Left: 61.806 $\pm$ 0.007 χ^2 /NDF: 259794.2/43

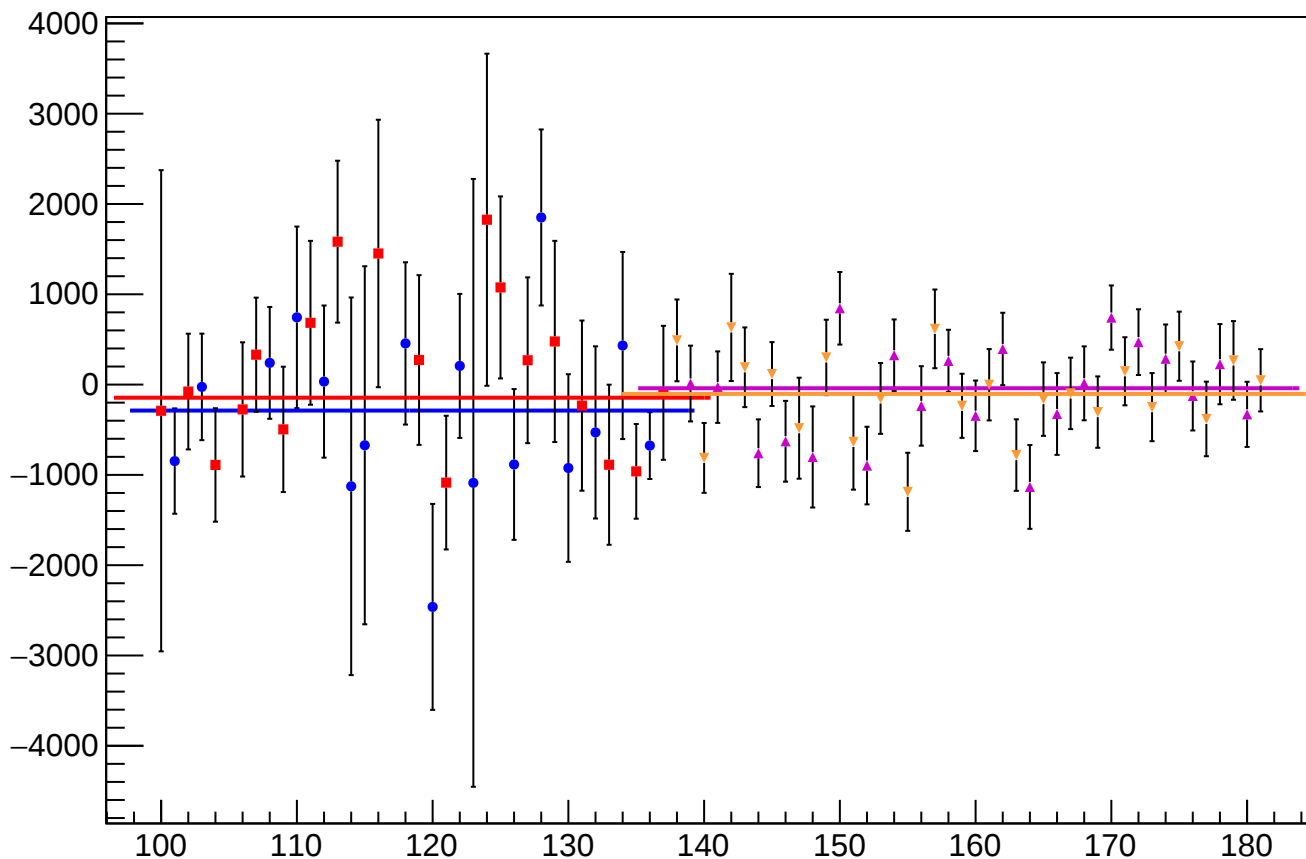
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.459 $\pm$ 0.009 χ^2 /NDF: 483182.3/37

Out: 61.979 $\pm$ 0.009 χ^2 /NDF: 595434.9/41

All: 62.211 $\pm$ 0.006 χ^2 /NDF: 1080018.9/79

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: -103.104 $\pm$ 85.393 χ^2 /NDF:26.2/22

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -40.464 $\pm$ 87.980 χ^2 /NDF:34.3/20

Left: -72.719 $\pm$ 61.276 χ^2 /NDF: 60.7/43

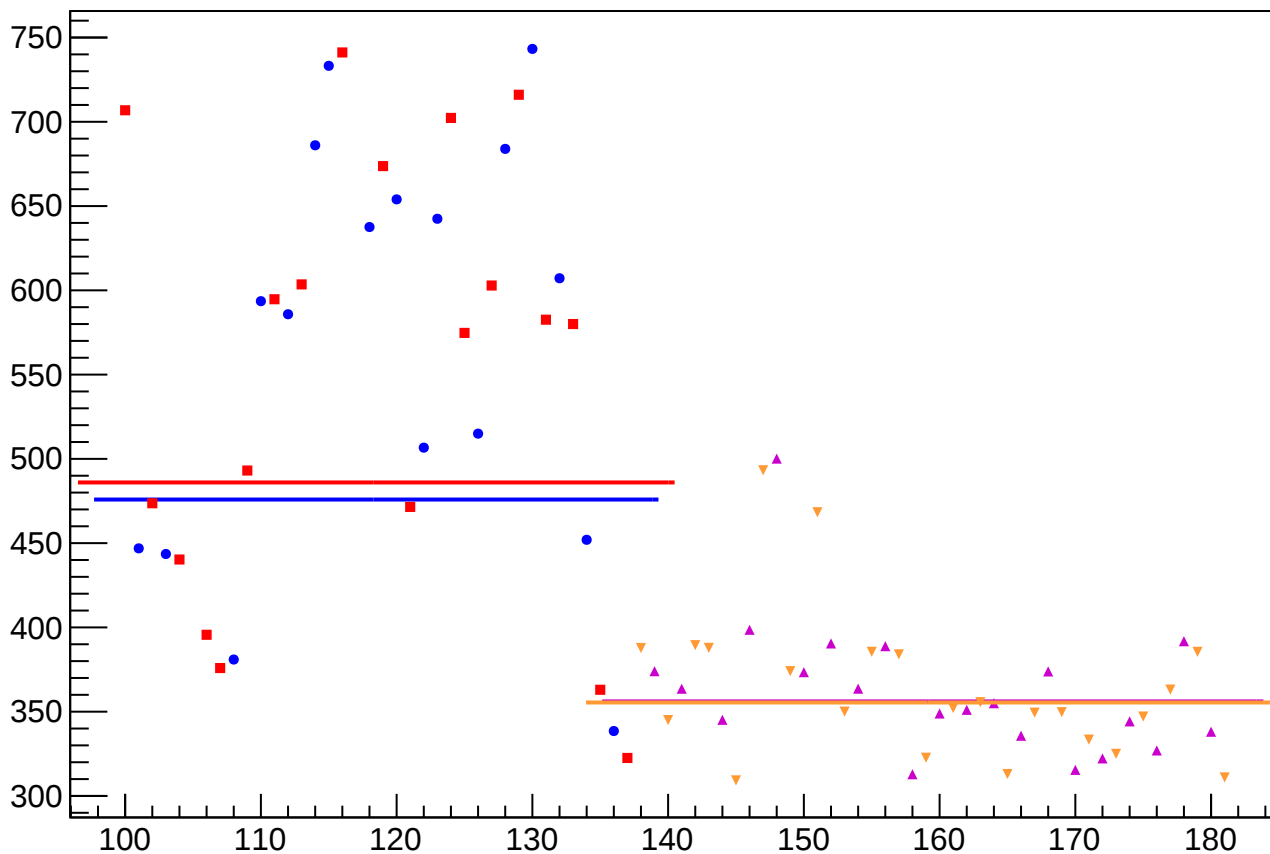
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -84.155 $\pm$ 79.828 χ^2 /NDF:51.0/37

Out: -110.372 $\pm$ 77.699 χ^2 /NDF:42.3/41

All: -97.618 $\pm$ 55.679 χ^2 /NDF: 93.3/79

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 355.454 $\pm$ 0.060 χ^2/NDF : 402503.1/22

Right Out: 486.011 $\pm$ 0.132 χ^2/NDF : 730123.7/18

Left In: 356.096 $\pm$ 0.062 χ^2/NDF : 300017.3/20

Left: 355.765 $\pm$ 0.043 χ^2/NDF : 702575.2/43

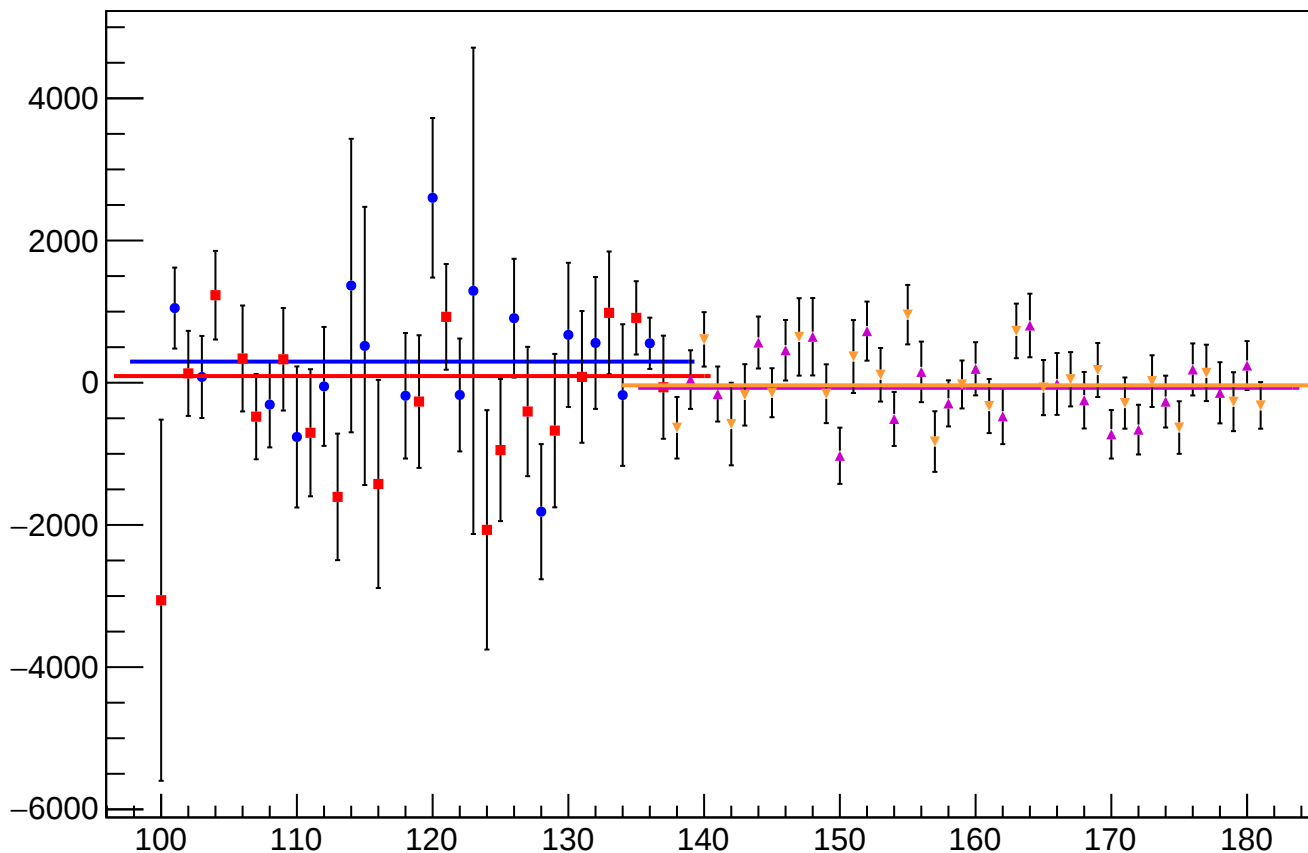
Right: 481.010 $\pm$ 0.094 χ^2/NDF : 1570822.6/35

In: 377.264 $\pm$ 0.056 χ^2/NDF : 1792927.7/37

Out: 377.918 $\pm$ 0.055 χ^2/NDF : 1937065.4/41

All: 377.600 $\pm$ 0.039 χ^2/NDF : 3730062.2/79

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -36.419 ± 82.427 $\chi^2/\text{NDF}: 26.6/22$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -71.257 ± 84.810 $\chi^2/\text{NDF}: 31.8/20$

Left: -53.342 ± 59.109 $\chi^2/\text{NDF}: 58.5/43$

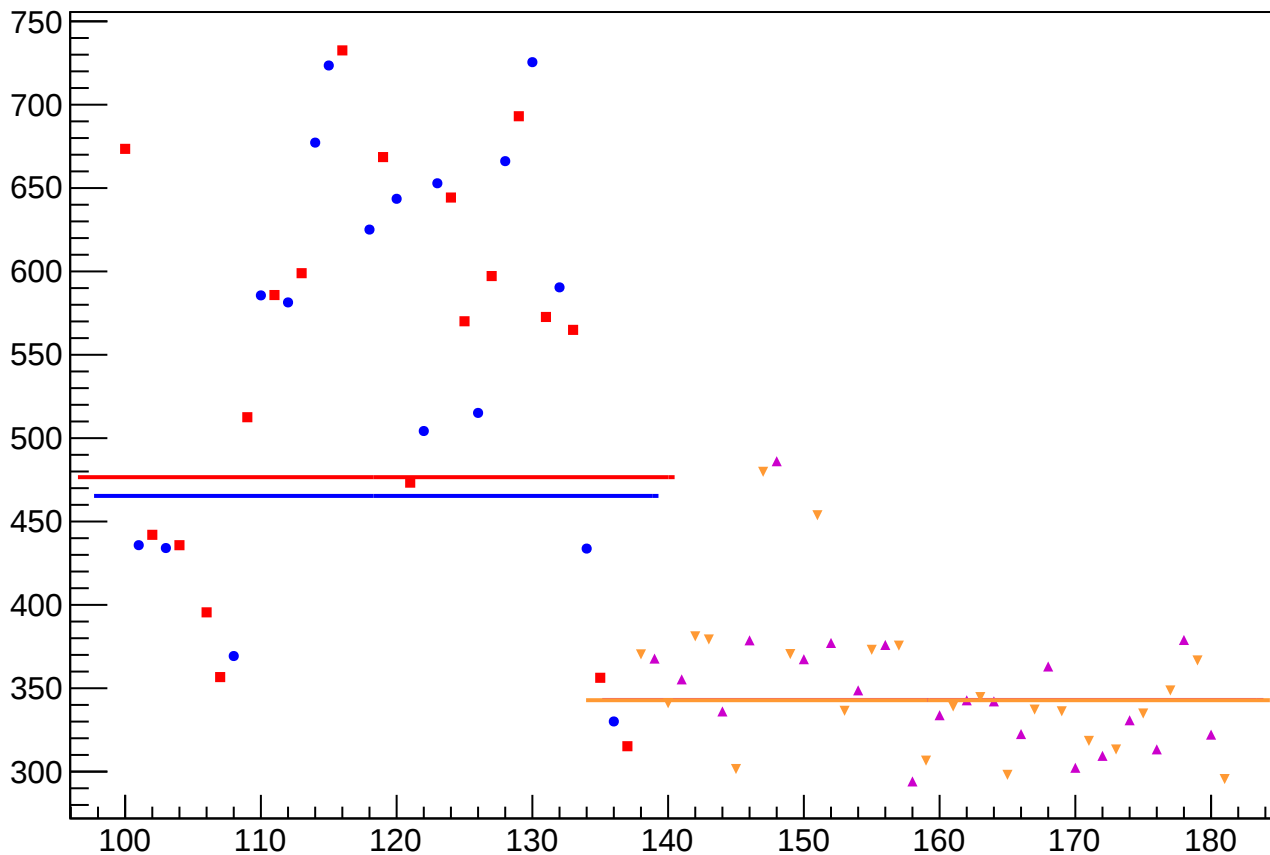
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: -7.861 ± 77.165 $\chi^2/\text{NDF}: 50.9/37$

Out: -14.684 ± 75.218 $\chi^2/\text{NDF}: 47.1/41$

All: -11.359 ± 53.863 $\chi^2/\text{NDF}: 98.0/79$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 ± 0.132 $\chi^2/\text{NDF}: 860420.4/16$

Left Out: 342.830 ± 0.058 $\chi^2/\text{NDF}: 434902.9/22$

Right Out: 476.597 ± 0.130 $\chi^2/\text{NDF}: 752936.0/18$

Left In: 342.973 ± 0.060 $\chi^2/\text{NDF}: 335889.1/20$

Left: 342.900 ± 0.042 $\chi^2/\text{NDF}: 770794.9/43$

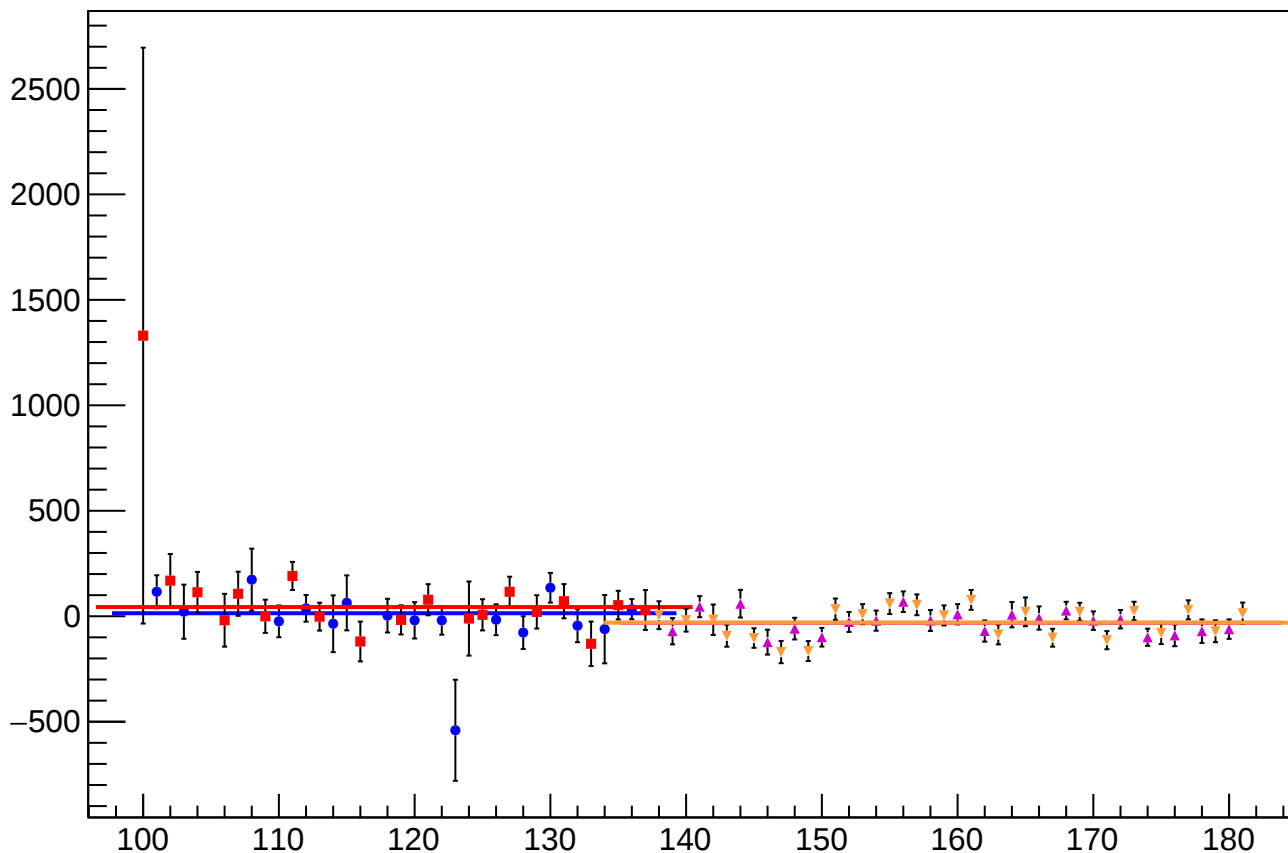
Right: 471.039 ± 0.092 $\chi^2/\text{NDF}: 1617050.9/35$

In: 364.042 ± 0.055 $\chi^2/\text{NDF}: 1913287.3/37$

Out: 365.205 ± 0.053 $\chi^2/\text{NDF}: 2068873.0/41$

All: 364.639 ± 0.038 $\chi^2/\text{NDF}: 3982393.1/79$

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: -30.450 ± 10.315 $\chi^2/\text{NDF}: 49.4/22$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -31.081 ± 10.778 $\chi^2/\text{NDF}: 23.2/20$

Left: -30.751 ± 7.452 $\chi^2/\text{NDF}: 72.6/43$

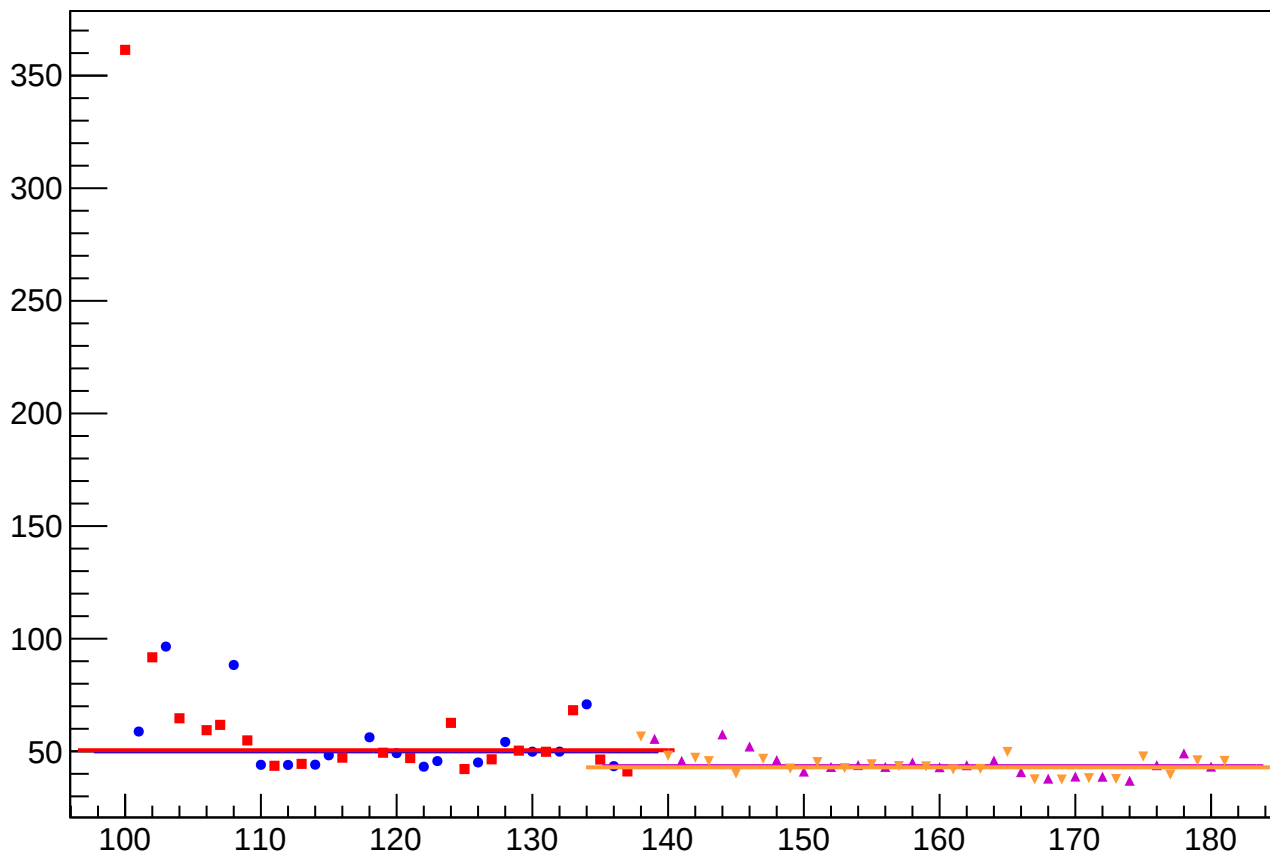
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -20.773 ± 9.473 $\chi^2/\text{NDF}: 42.0/37$

Out: -14.450 ± 9.133 $\chi^2/\text{NDF}: 77.6/41$

All: -17.495 ± 6.575 $\chi^2/\text{NDF}: 119.8/79$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 42.889 $\pm$ 0.007 χ^2 /NDF: 319474.4/22

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.407 $\pm$ 0.008 χ^2 /NDF: 390586.5/20

Left: 43.137 $\pm$ 0.005 χ^2 /NDF: 712467.2/43

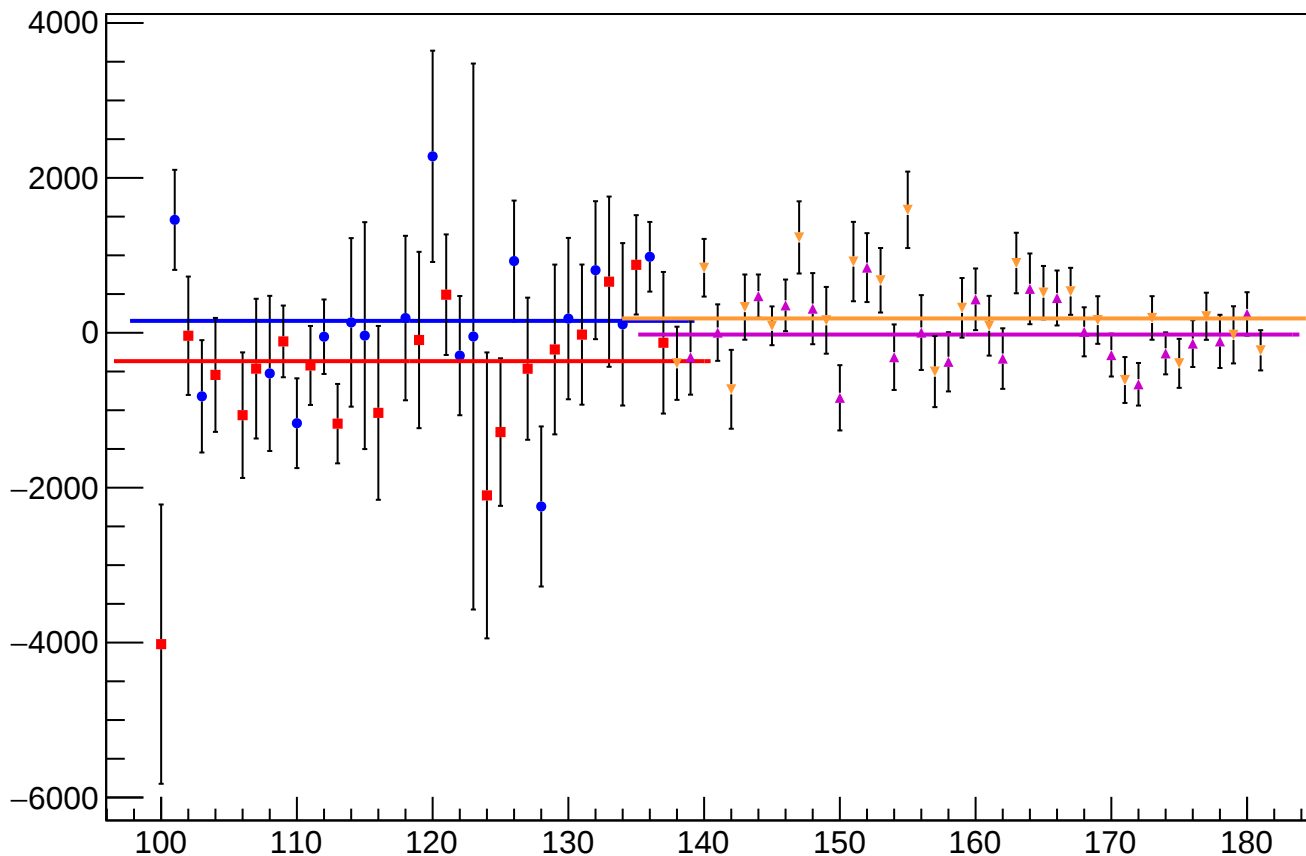
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.900 $\pm$ 0.007 χ^2 /NDF: 1138133.7/37

Out: 44.528 $\pm$ 0.006 χ^2 /NDF: 1124304.3/41

All: 44.707 $\pm$ 0.005 χ^2 /NDF: 2264036.9/79

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: 185.057 $\pm$ 74.036 χ^2 /NDF:46.1/22

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -22.742 $\pm$ 75.941 χ^2 /NDF:27.9/20

Left: 83.796 $\pm$ 53.012 χ^2 /NDF: 77.8/43

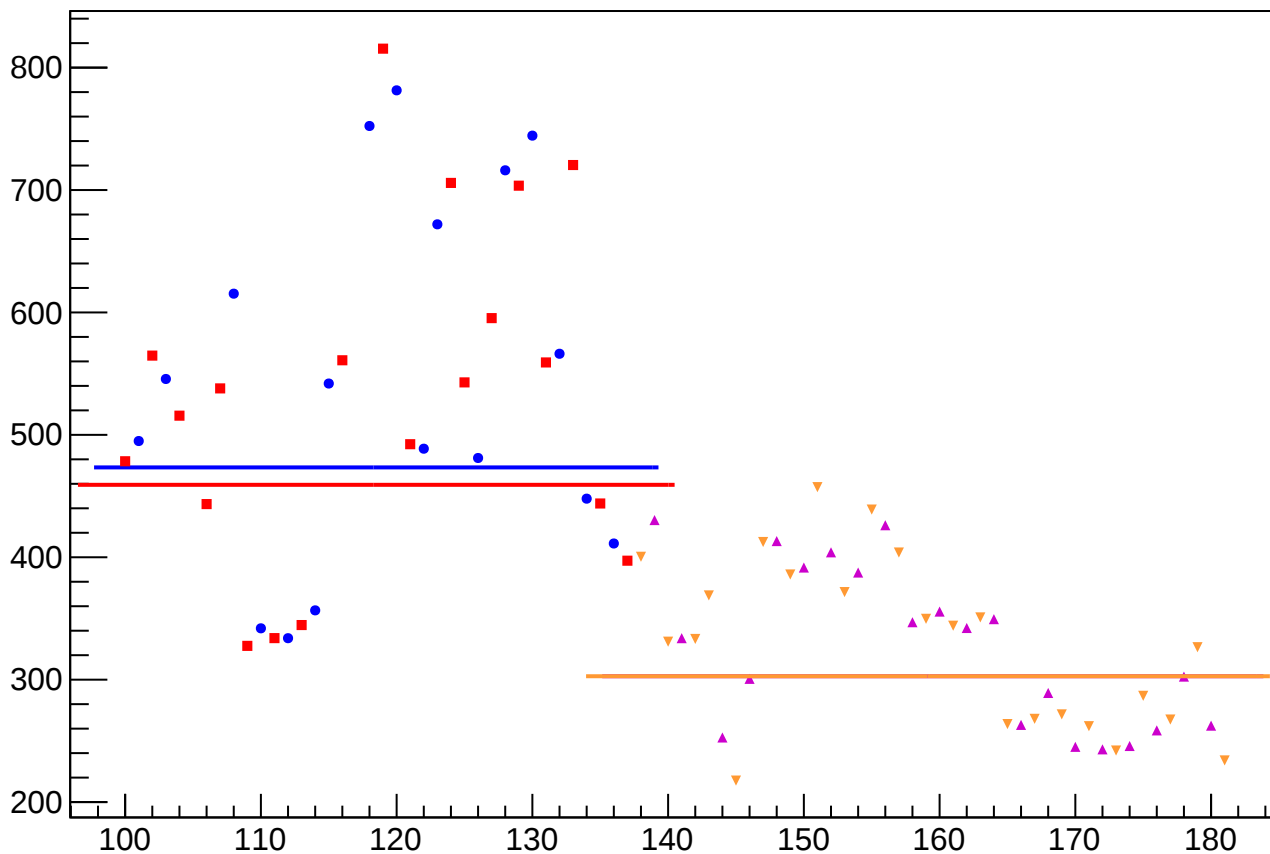
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 1.590 $\pm$ 70.515 χ^2 /NDF:53.4/37

Out: 104.445 $\pm$ 68.410 χ^2 /NDF:70.4/41

All: 54.576 $\pm$ 49.101 χ^2 /NDF: 124.9/79

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: 302.808 $\pm$ 0.052 χ^2 /NDF:1522623.5/22

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 302.806 $\pm$ 0.054 χ^2 /NDF:1222792.1/20

Left: 302.807 $\pm$ 0.037 χ^2 /NDF: 2745415.6/43

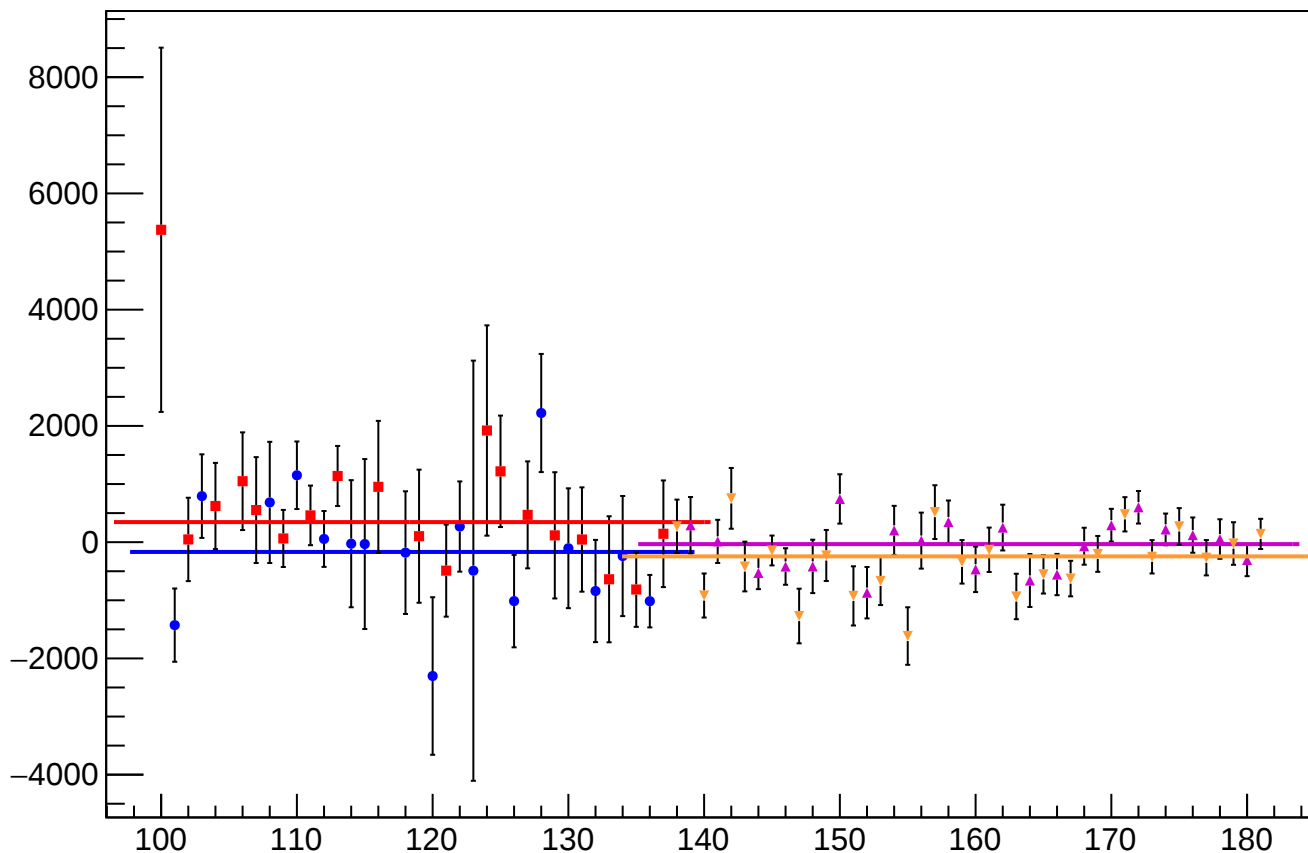
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 326.313 $\pm$ 0.050 χ^2 /NDF:3528522.4/37

Out: 325.671 $\pm$ 0.048 χ^2 /NDF:3833599.7/41

All: 325.982 $\pm$ 0.035 χ^2 /NDF: 7362207.5/79

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -244.322+/-74.176 χ^2/NDF :43.3/22

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -33.188+/-75.850 χ^2/NDF :28.5/20

Left: -141.110+/-53.032 χ^2/NDF : 75.8/43

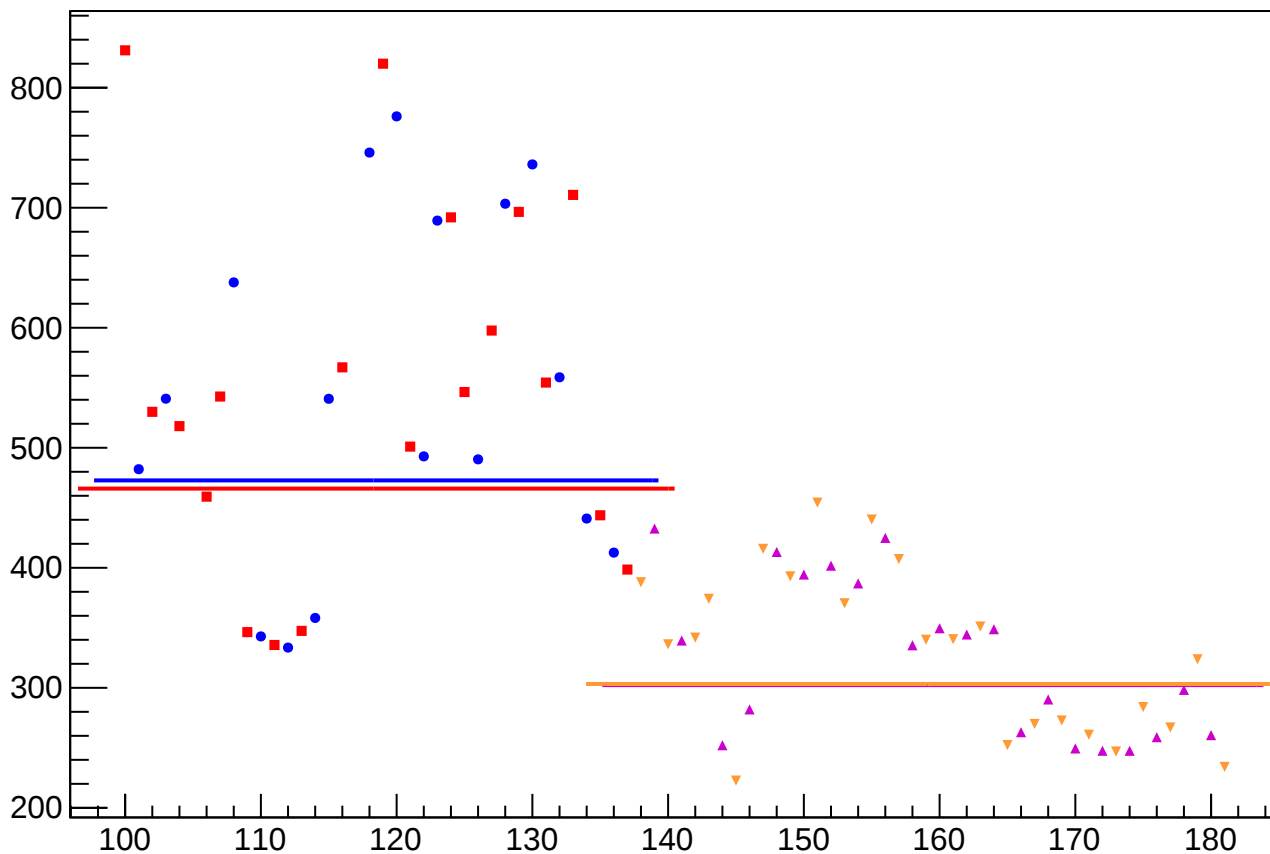
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -51.767+/-70.432 χ^2/NDF :54.4/37

Out: -159.716+/-68.650 χ^2/NDF :66.1/41

All: -107.124+/-49.161 χ^2/NDF : 121.7/79

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: 303.210 $\pm$ 0.052 χ^2 /NDF: 1486846.3/22

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 302.266 $\pm$ 0.054 χ^2 /NDF: 1187854.6/20

Left: 302.749 $\pm$ 0.037 χ^2 /NDF: 2674859.4/43

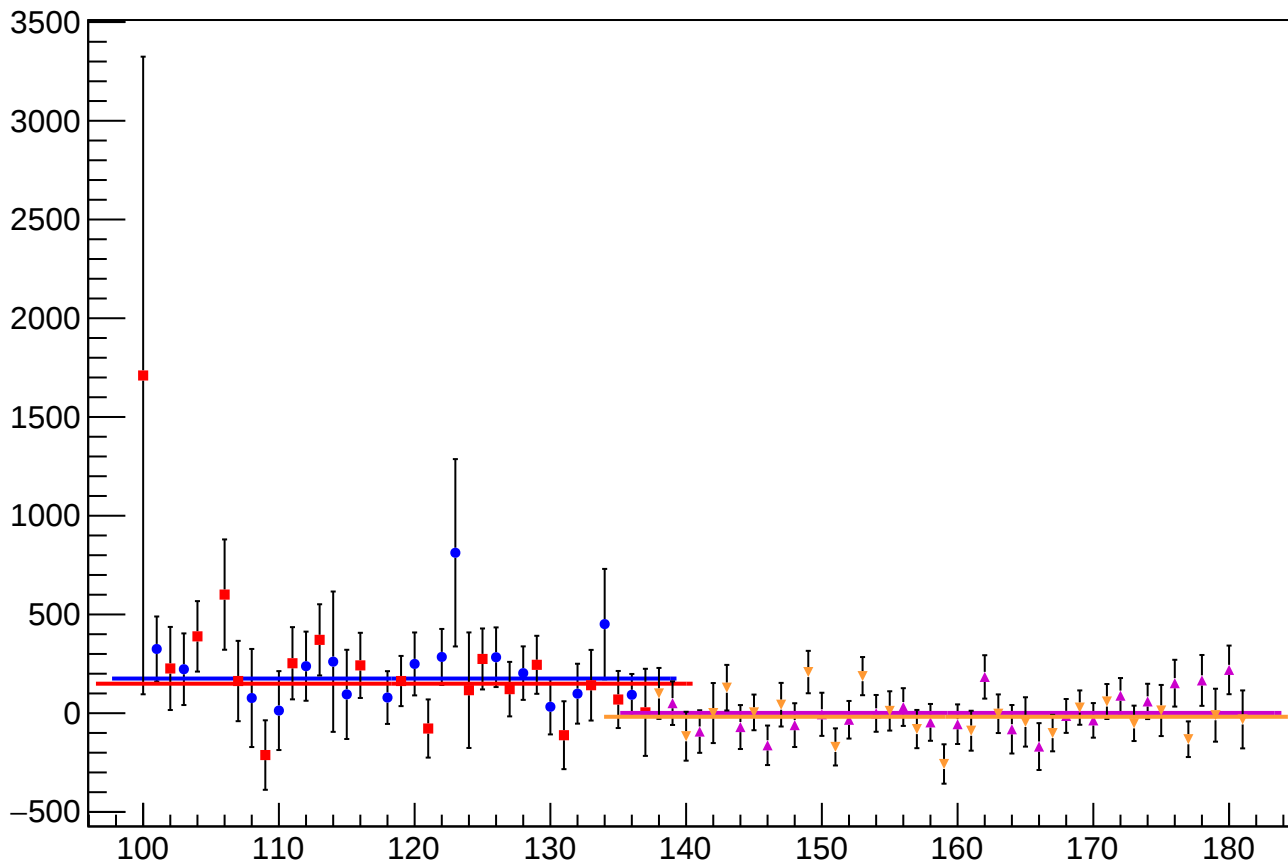
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 325.762 $\pm$ 0.050 χ^2 /NDF: 3477313.6/37

Out: 326.560 $\pm$ 0.049 χ^2 /NDF: 3810483.0/41

All: 326.172 $\pm$ 0.035 χ^2 /NDF: 7287928.4/79

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: -18.125 $\pm$ 21.739 χ^2 /NDF:25.6/22

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: 1.366 $\pm$ 22.375 χ^2 /NDF:18.4/20

Left: -8.660 $\pm$ 15.592 χ^2 /NDF: 44.4/43

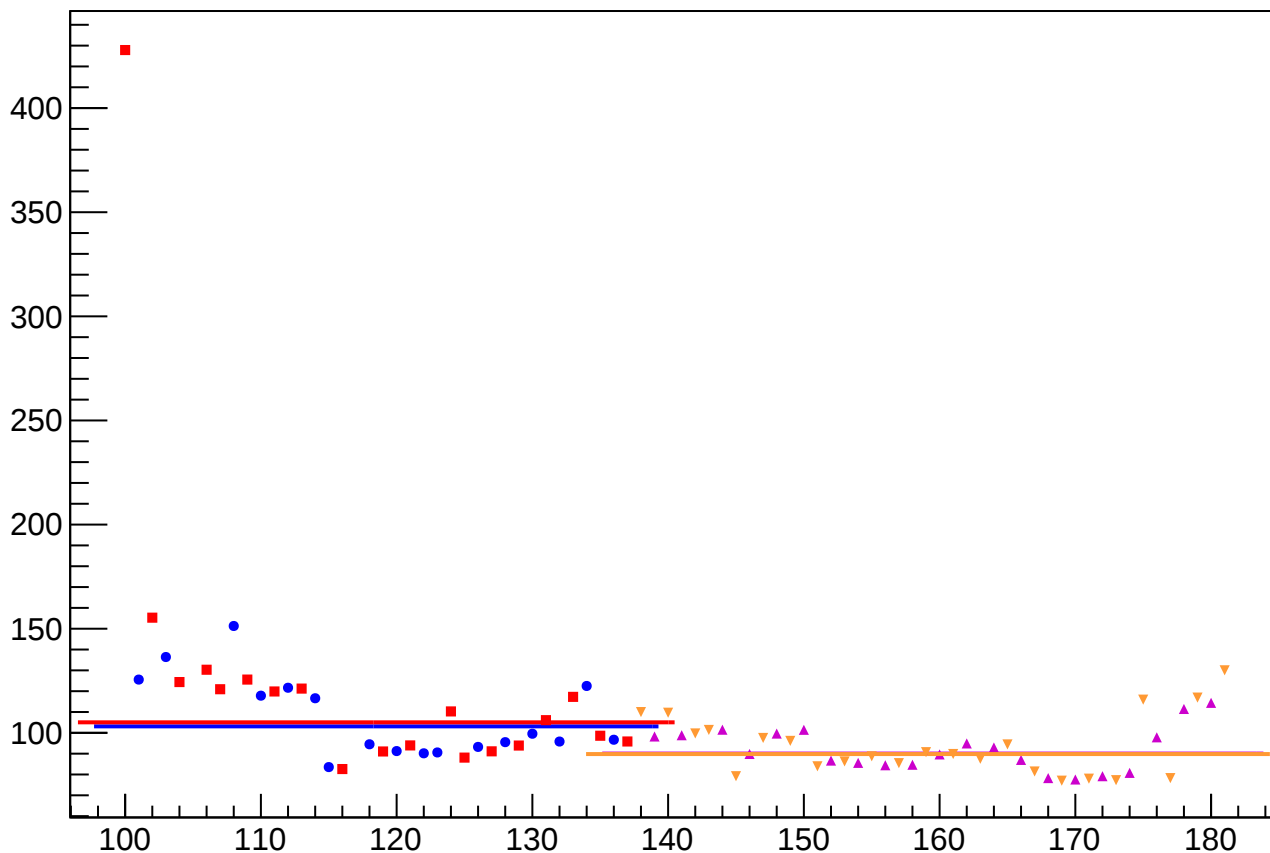
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 42.298 $\pm$ 19.569 χ^2 /NDF:41.3/37

Out: 19.612 $\pm$ 19.135 χ^2 /NDF:57.4/41

All: 30.701 $\pm$ 13.681 χ^2 /NDF: 99.3/79

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 89.809 $\pm$ 0.015 χ^2 /NDF: 672807.9/22

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 90.052 $\pm$ 0.016 χ^2 /NDF: 380833.8/20

Left: 89.927 $\pm$ 0.011 χ^2 /NDF: 1053763.6/43

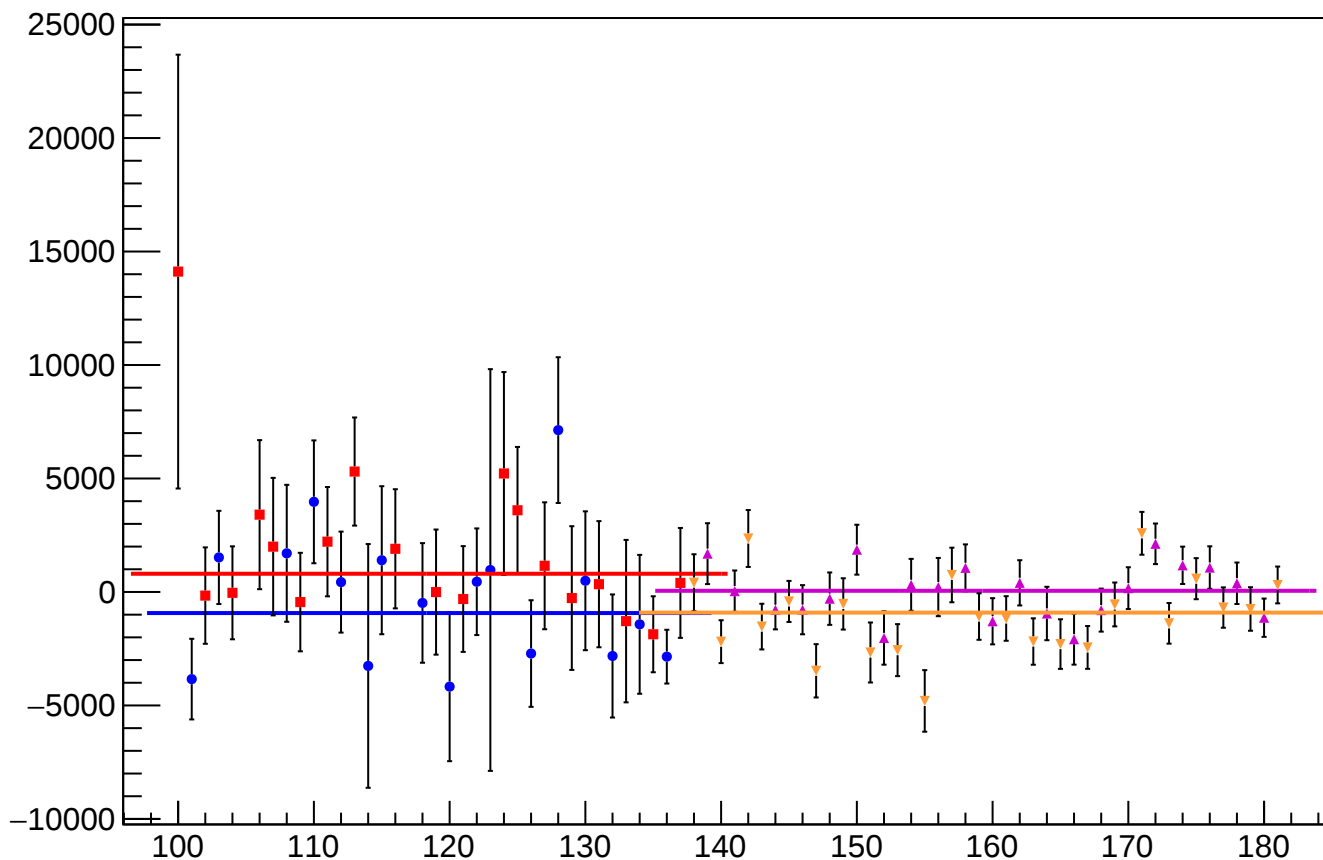
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 93.123 $\pm$ 0.014 χ^2 /NDF: 847470.6/37

Out: 93.240 $\pm$ 0.014 χ^2 /NDF: 1342801.5/41

All: 93.183 $\pm$ 0.010 χ^2 /NDF: 2190309.2/79

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: -909.457+/-212.596 χ^2/NDF :54.4/22

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: 52.013+/-219.140 χ^2/NDF :27.5/20

Left: -443.293+/-152.589 χ^2/NDF : 91.8/43

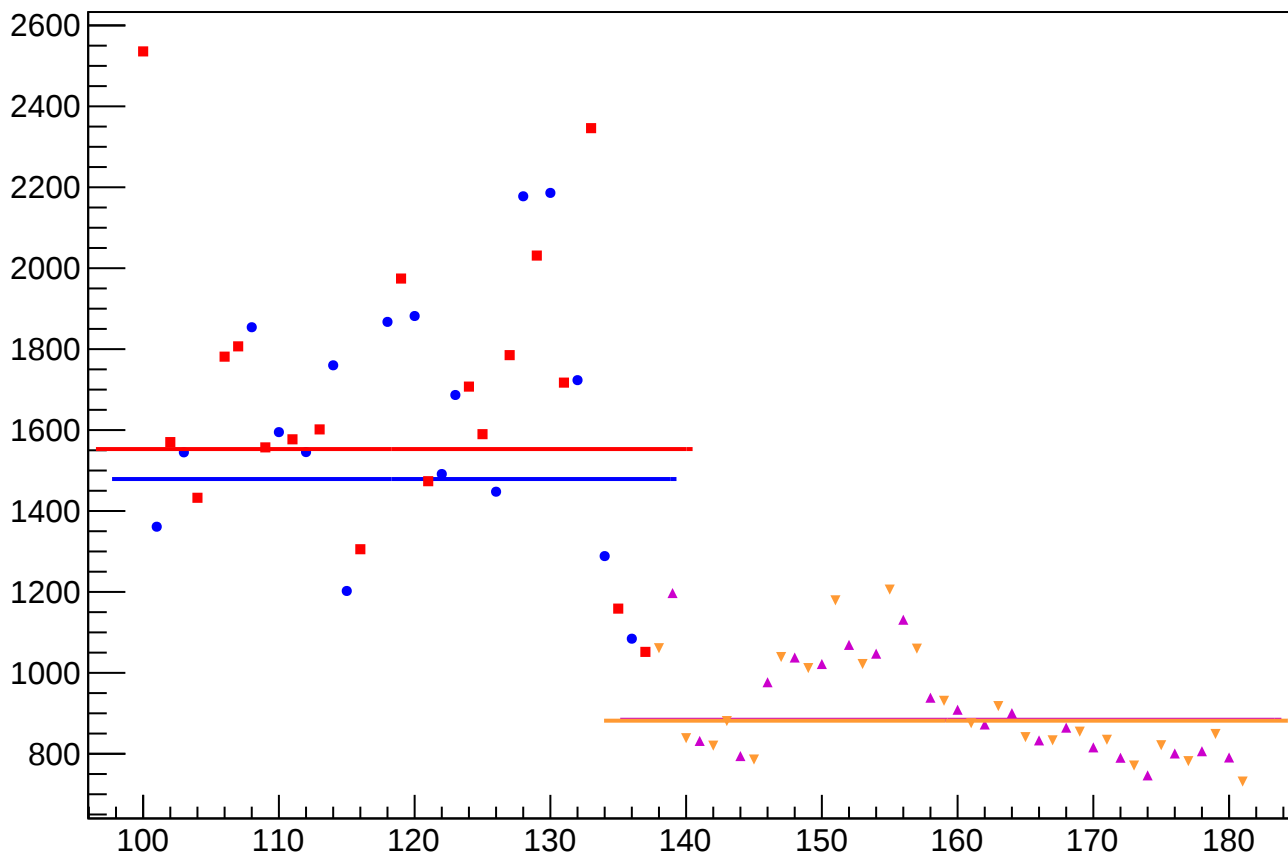
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -67.989+/-205.299 χ^2/NDF :50.8/37

Out: -714.913+/-200.155 χ^2/NDF :74.6/41

All: -399.658+/-143.315 χ^2/NDF : 130.6/79

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: 881.833 $\pm$ 0.150 χ^2 /NDF: 581752.1/22

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 884.111 $\pm$ 0.155 χ^2 /NDF: 539176.7/20

Left: 882.937 $\pm$ 0.108 χ^2 /NDF: 1121040.2/43

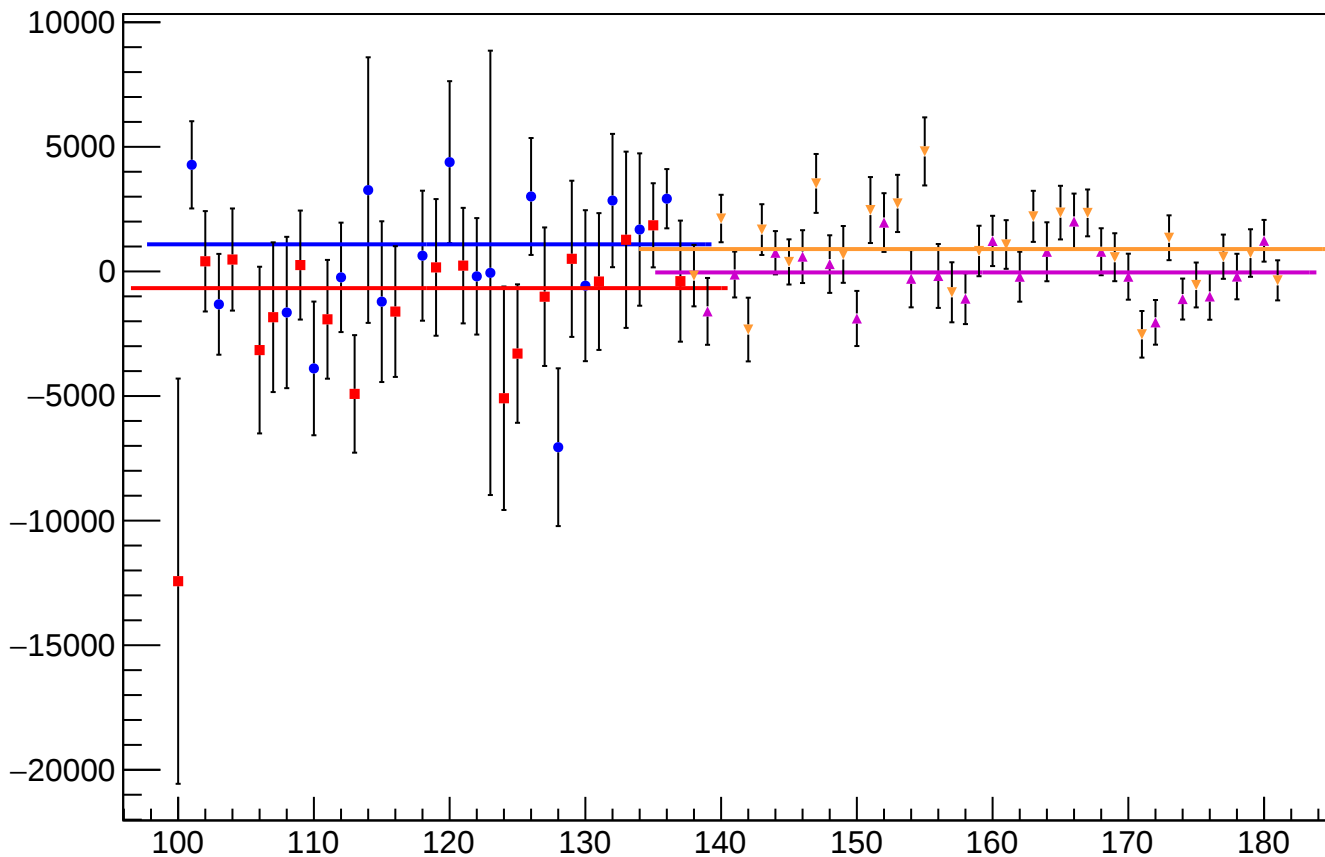
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 956.885 $\pm$ 0.145 χ^2 /NDF: 2931772.3/37

Out: 958.096 $\pm$ 0.142 χ^2 /NDF: 3330776.6/41

All: 957.506 $\pm$ 0.101 χ^2 /NDF: 6262584.6/79

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: 897.617 $\pm$ 212.375 χ^2 /NDF:53.8/22

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -39.995 $\pm$ 219.025 χ^2 /NDF:25.8/20

Left: 443.259 $\pm$ 152.469 χ^2 /NDF: 88.9/43

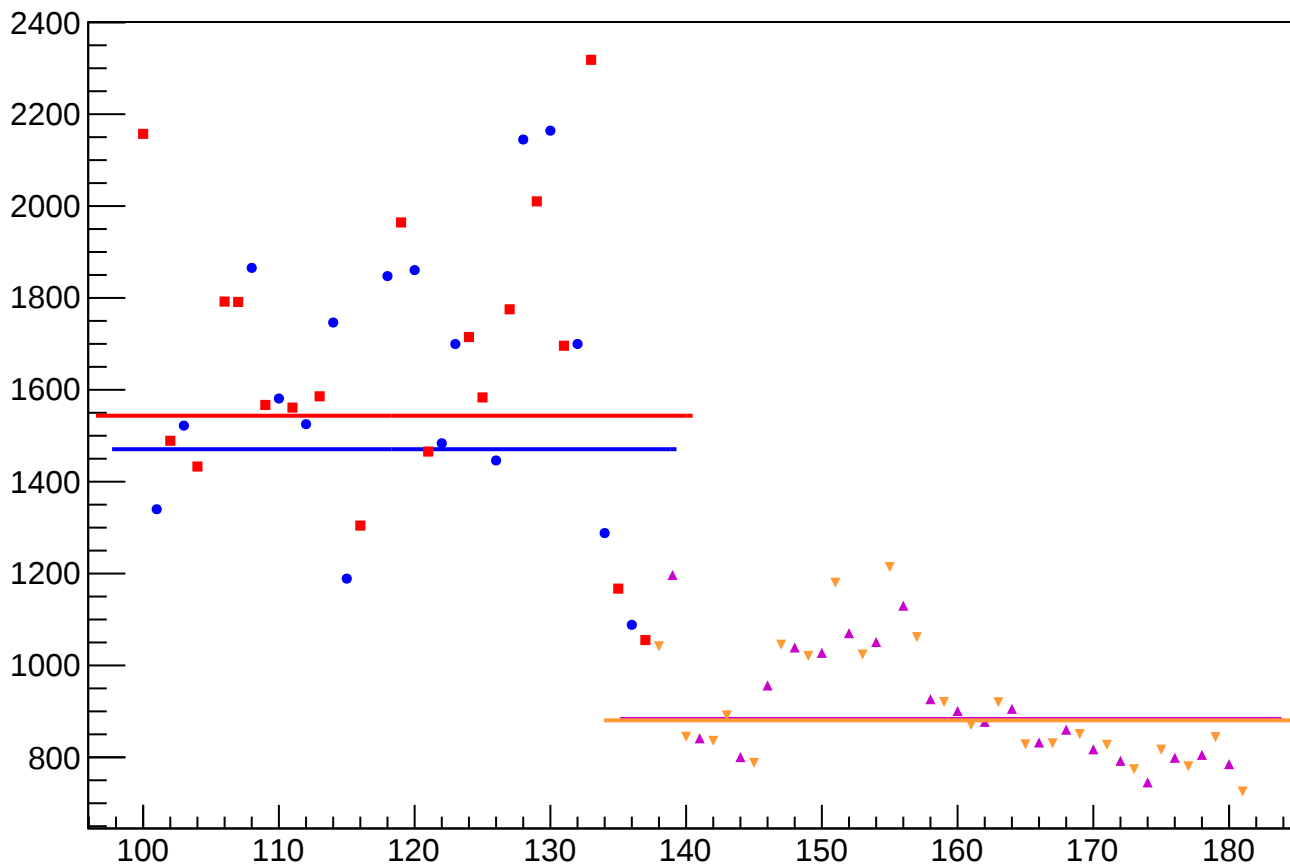
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 99.380 $\pm$ 205.047 χ^2 /NDF:50.9/37

Out: 717.775 $\pm$ 199.824 χ^2 /NDF:72.0/41

All: 416.555 $\pm$ 143.108 χ^2 /NDF: 127.6/79

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 880.457+/-0.150 χ^2/NDF : 593559.8/22

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 883.497+/-0.155 χ^2/NDF : 534303.8/20

Left: 881.930+/-0.108 χ^2/NDF : 1128062.2/43

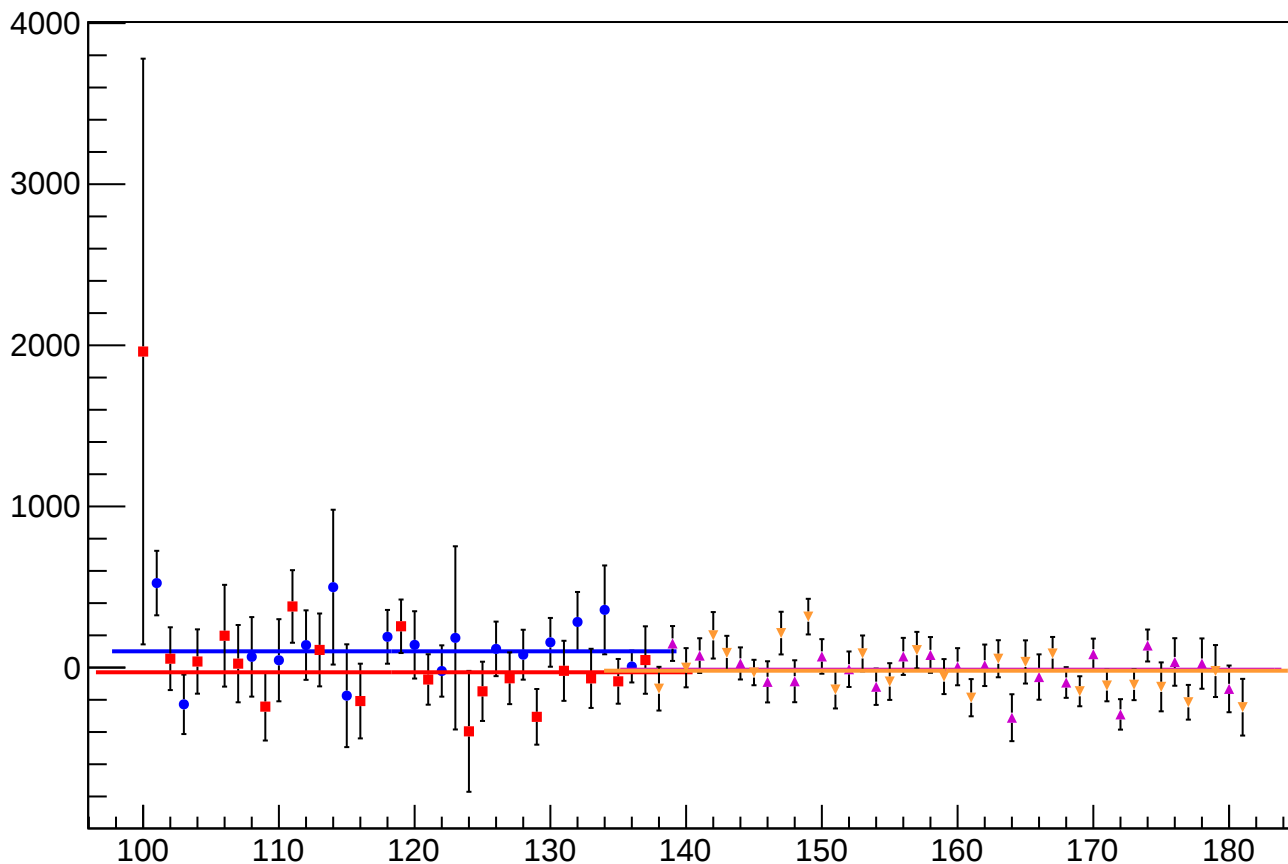
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 956.051+/-0.145 χ^2/NDF : 2878177.2/37

Out: 956.525+/-0.141 χ^2/NDF : 3284597.5/41

All: 956.294+/-0.101 χ^2/NDF : 6162780.2/79

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -19.425 $\pm$ 23.692 χ^2 /NDF:32.8/22

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -13.239 $\pm$ 25.026 χ^2 /NDF:24.2/20

Left: -16.501 $\pm$ 17.205 χ^2 /NDF: 57.1/43

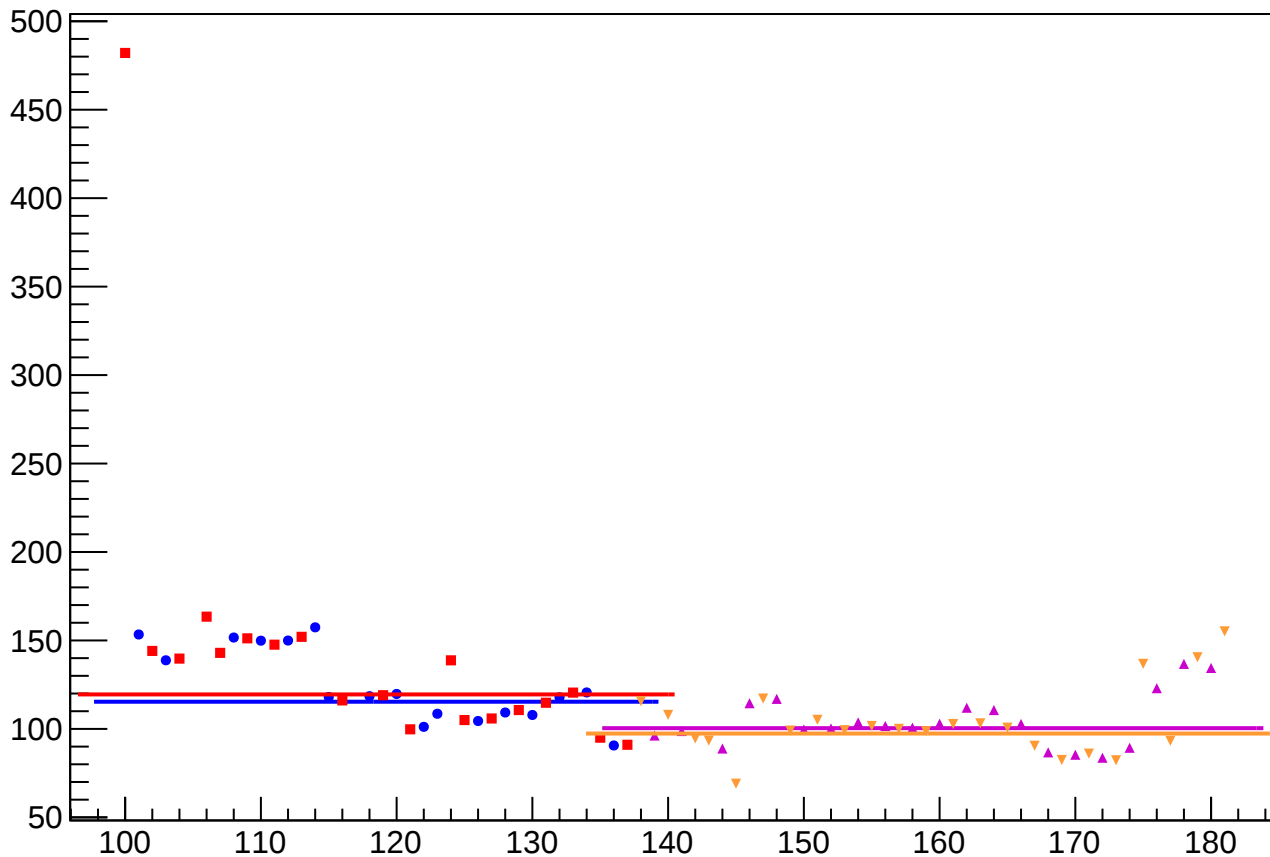
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 13.470 $\pm$ 21.904 χ^2 /NDF:42.1/37

Out: -21.486 $\pm$ 21.033 χ^2 /NDF:47.6/41

All: -4.717 $\pm$ 15.171 χ^2 /NDF: 91.0/79

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: 97.378 $\pm$ 0.017 χ^2/NDF : 1015833.9/22

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 100.423 $\pm$ 0.018 χ^2/NDF : 558818.8/20

Left: 98.818 $\pm$ 0.012 χ^2/NDF : 1590267.9/43

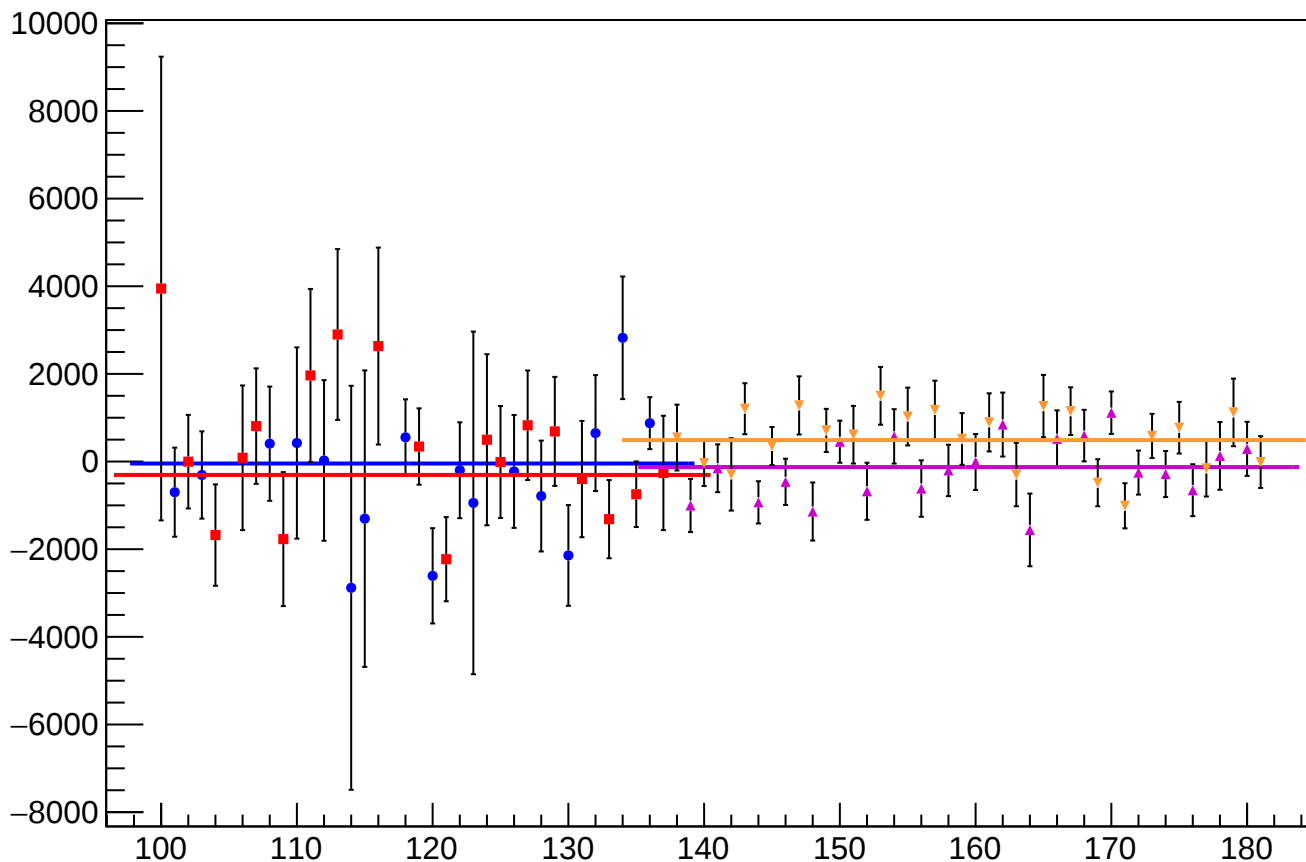
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 103.920 $\pm$ 0.015 χ^2/NDF : 1137011.4/37

Out: 102.063 $\pm$ 0.015 χ^2/NDF : 1862956.0/41

All: 102.954 $\pm$ 0.011 χ^2/NDF : 3007439.8/79

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 489.502 $\pm$ 124.823 χ^2 /NDF: 27.9/22

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -125.857 $\pm$ 128.125 χ^2 /NDF: 27.0/20

Left: 189.854 $\pm$ 89.408 χ^2 /NDF: 66.8/43

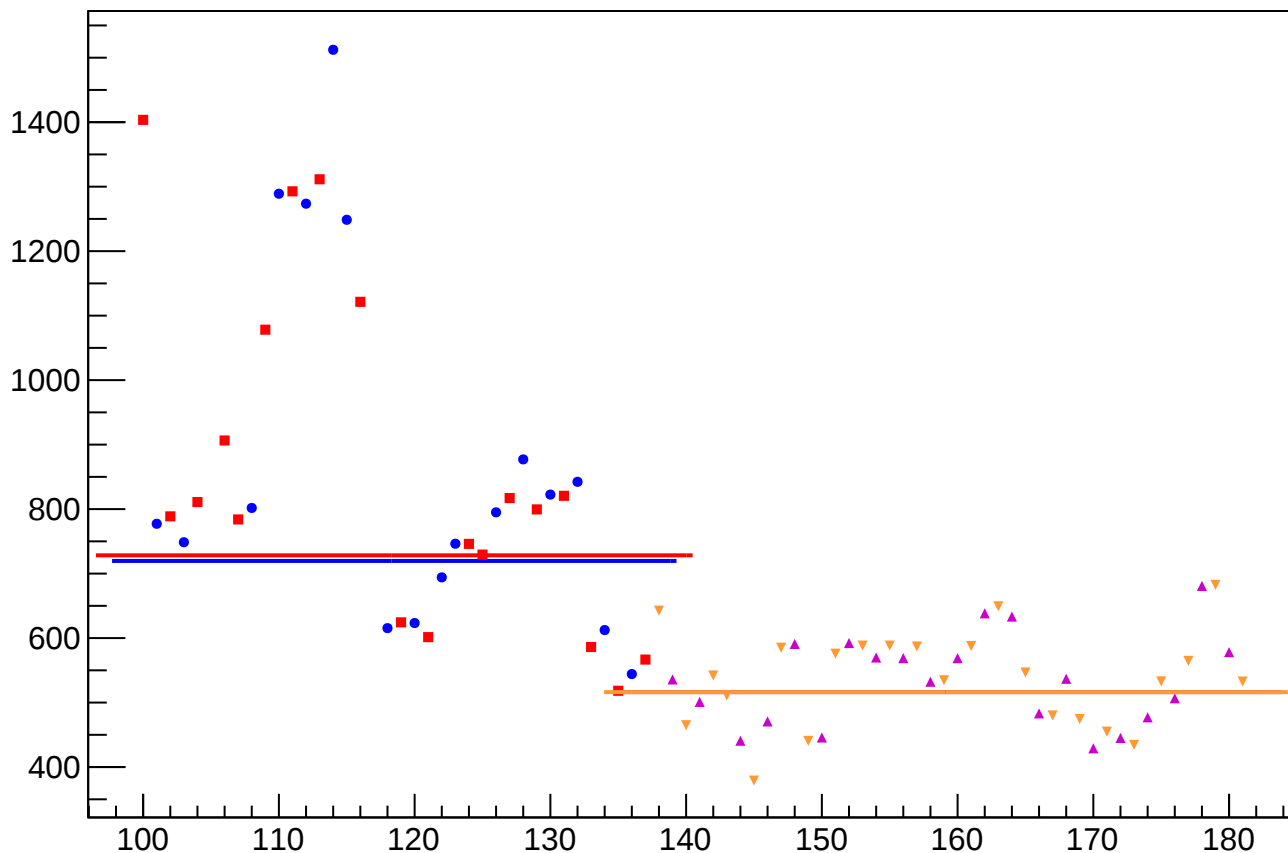
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -112.290 $\pm$ 116.947 χ^2 /NDF: 45.0/37

Out: 359.919 $\pm$ 114.188 χ^2 /NDF: 52.0/41

All: 129.451 $\pm$ 81.701 χ^2 /NDF: 105.3/79

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 ± 0.202 $\chi^2/\text{NDF}: 746949.1/16$

Left Out: 516.215 ± 0.088 $\chi^2/\text{NDF}: 739824.1/22$

Right Out: 728.331 ± 0.200 $\chi^2/\text{NDF}: 913667.8/18$

Left In: 516.207 ± 0.091 $\chi^2/\text{NDF}: 537855.9/20$

Left: 516.211 ± 0.063 $\chi^2/\text{NDF}: 1277680.0/43$

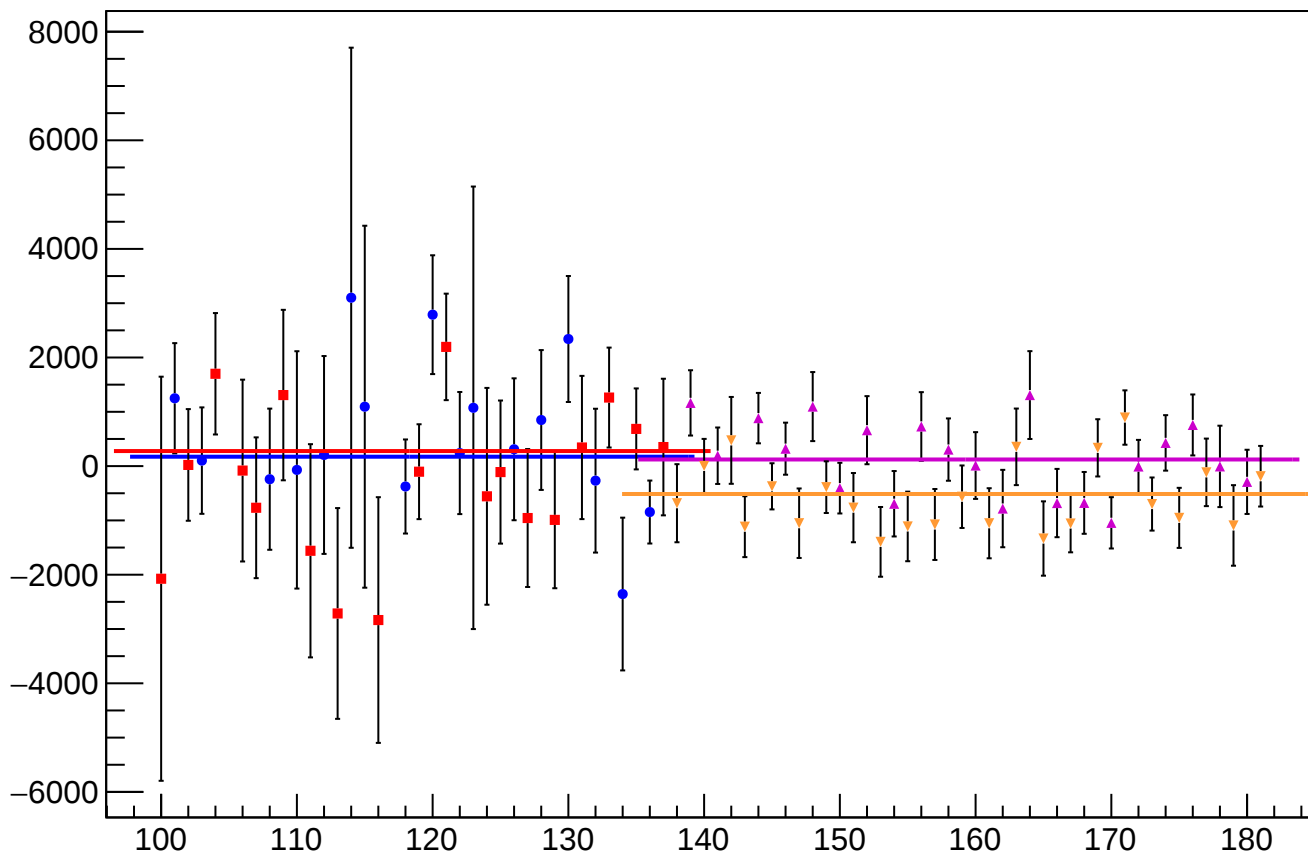
Right: 724.023 ± 0.142 $\chi^2/\text{NDF}: 1661557.4/35$

In: 550.149 ± 0.083 $\chi^2/\text{NDF}: 2125896.3/37$

Out: 550.820 ± 0.081 $\chi^2/\text{NDF}: 2595709.8/41$

All: 550.492 ± 0.058 $\chi^2/\text{NDF}: 4721639.9/79$

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: -513.603 $\pm$ 120.782 χ^2 /NDF:25.7/22

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 121.887 $\pm$ 123.643 χ^2 /NDF:28.8/20

Left: -203.295 $\pm$ 86.400 χ^2 /NDF: 68.0/43

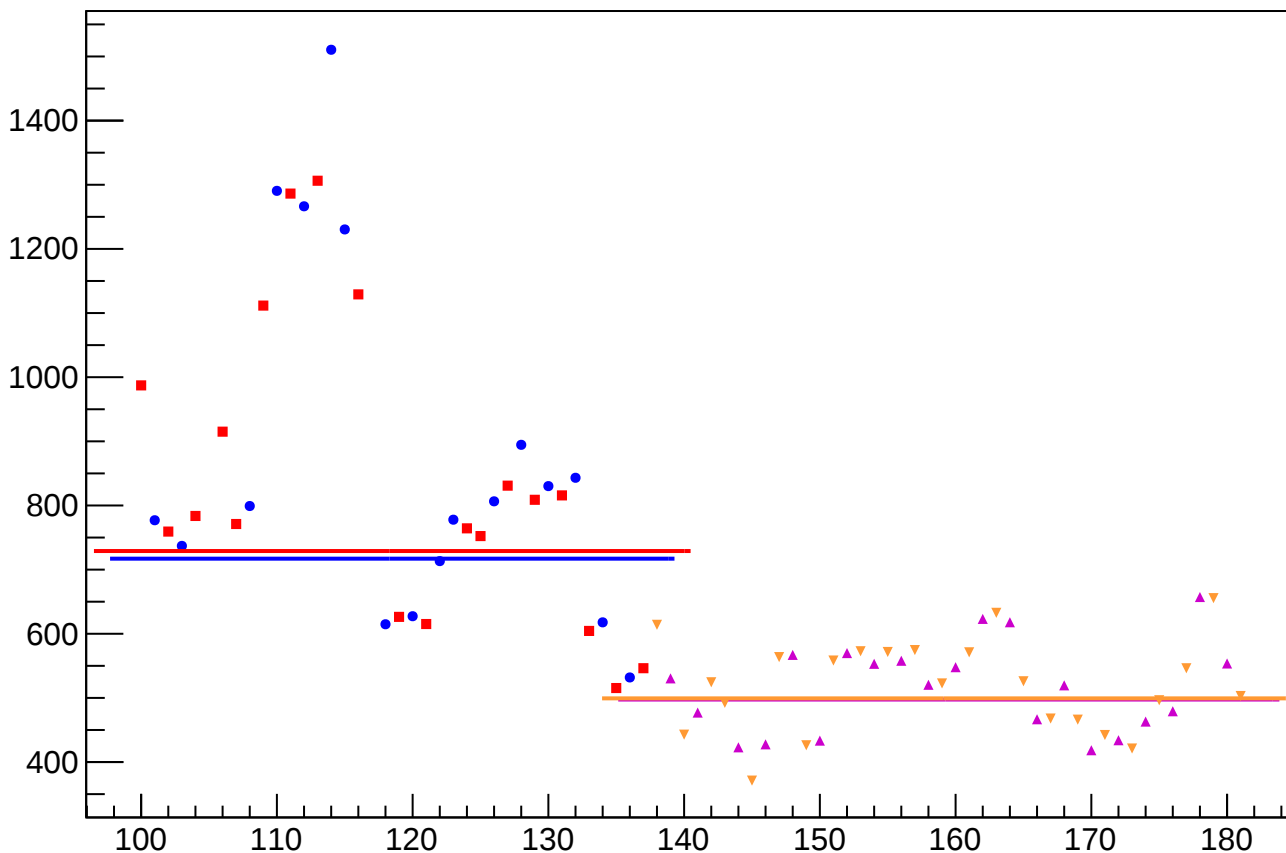
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 129.980 $\pm$ 113.471 χ^2 /NDF:47.0/37

Out: -391.560 $\pm$ 111.071 χ^2 /NDF:48.4/41

All: -136.363 $\pm$ 79.374 χ^2 /NDF: 106.1/79

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: 499.289 $\pm$ 0.085 χ^2 /NDF: 718868.3/22

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 497.433 $\pm$ 0.087 χ^2 /NDF: 567585.6/20

Left: 498.383 $\pm$ 0.061 χ^2 /NDF: 1286684.6/43

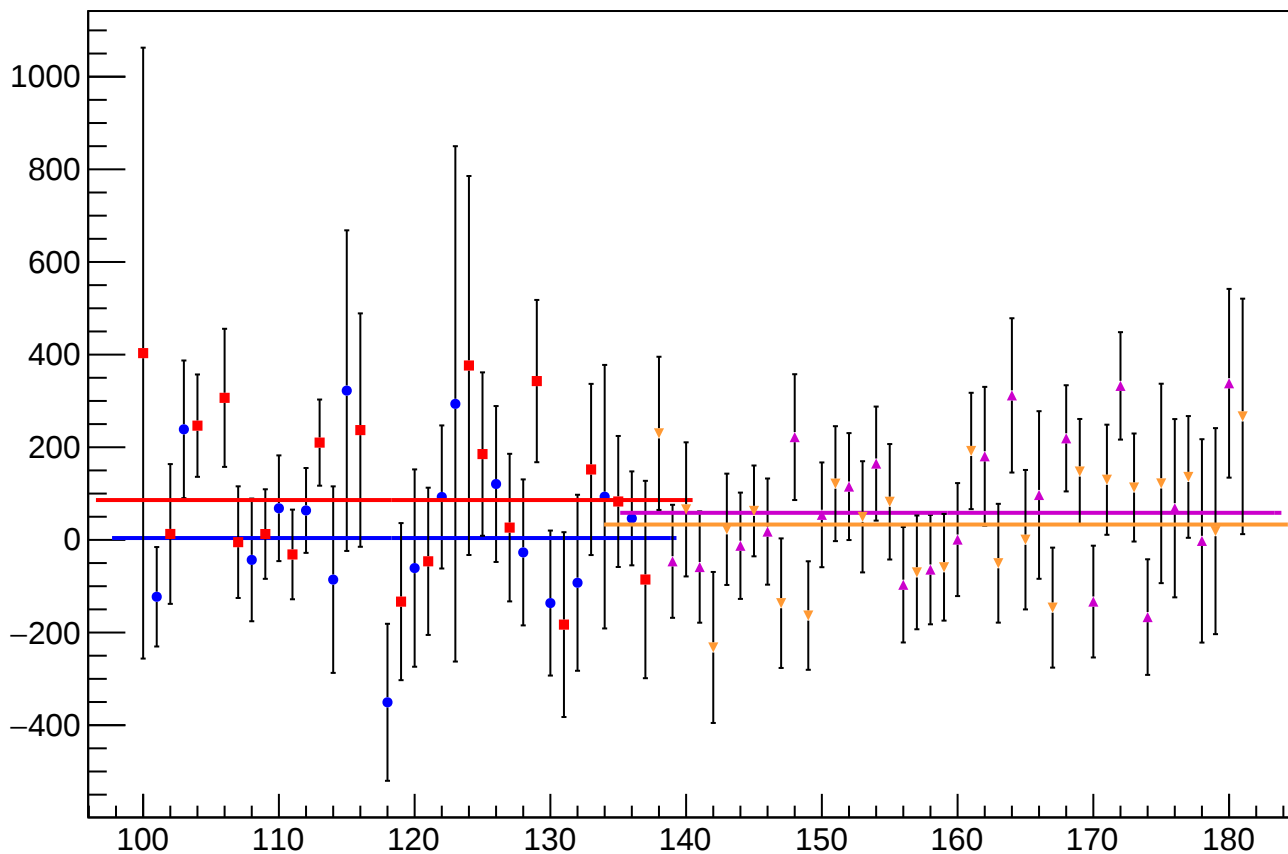
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 532.088 $\pm$ 0.080 χ^2 /NDF: 2345861.6/37

Out: 534.741 $\pm$ 0.079 χ^2 /NDF: 2725987.4/41

All: 533.443 $\pm$ 0.056 χ^2 /NDF: 5072407.2/79

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 33.185 ± 27.475 χ^2/NDF : 18.3/22

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 58.458 ± 28.496 χ^2/NDF : 25.8/20

Left: 45.360 ± 19.779 χ^2/NDF : 44.5/43

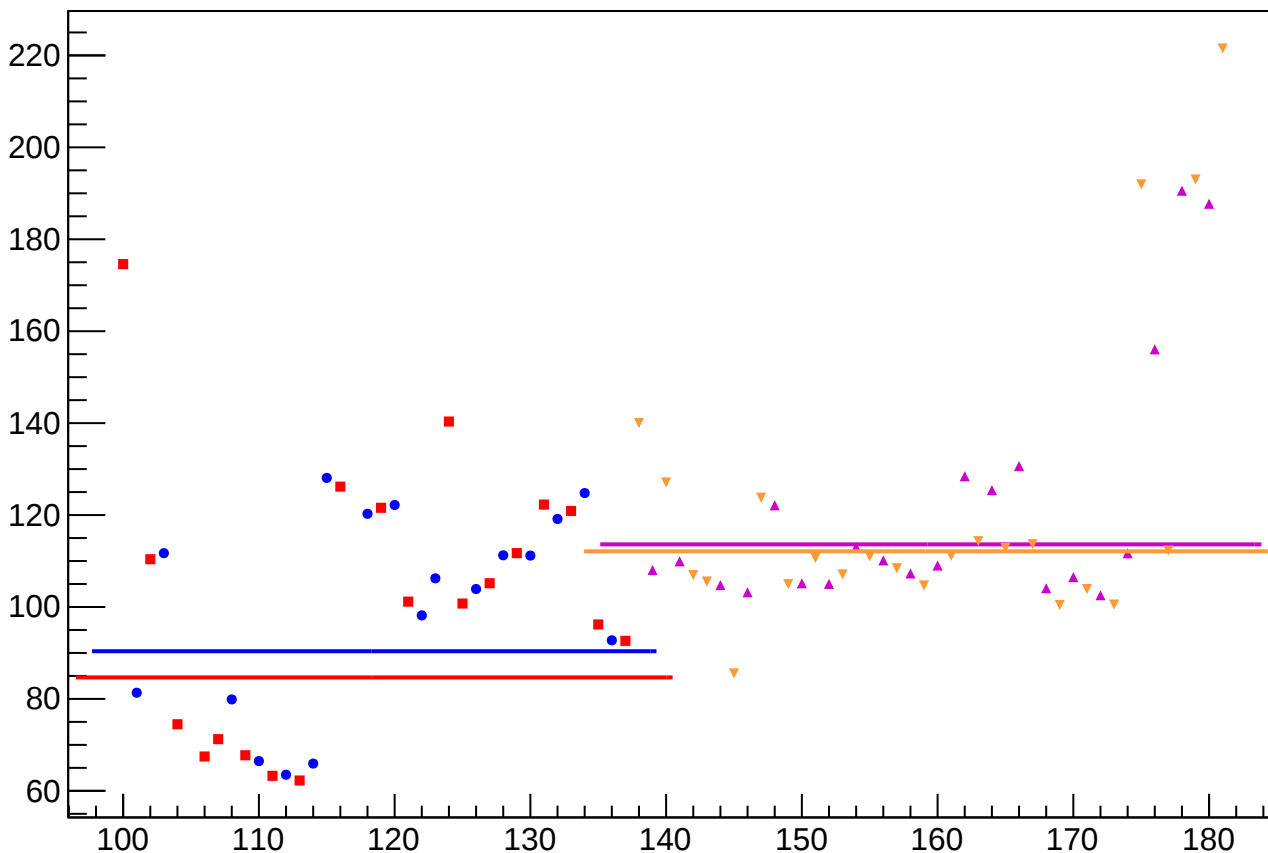
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 37.449 ± 22.332 χ^2/NDF : 39.9/37

Out: 54.531 ± 21.211 χ^2/NDF : 37.4/41

All: 46.429 ± 15.379 χ^2/NDF : 77.6/79

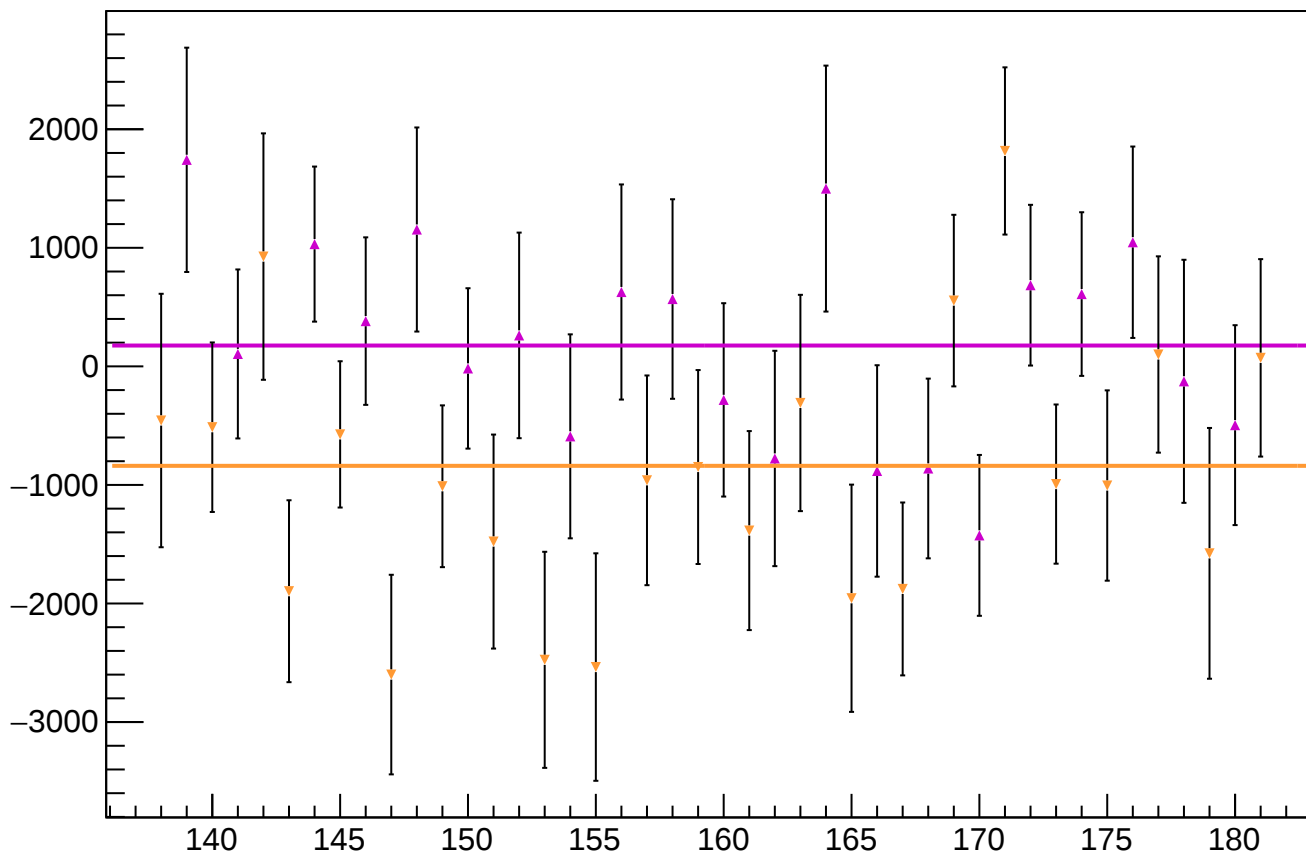
dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16
 Left Out: 112.109+/-0.019 χ^2/NDF :1230276.9/22
 Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18
 Left In: 113.627+/-0.020 χ^2/NDF :769151.0/20

Left: 112.841+/-0.014 χ^2/NDF : 2002370.1/43
 Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35
 In: 104.655+/-0.016 χ^2/NDF :1937118.5/37
 Out: 101.025+/-0.015 χ^2/NDF :2944155.8/41
 All: 102.746+/-0.011 χ^2/NDF : 4909064.6/79

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -838.943+/-168.997 χ^2/NDF :41.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 175.725+/-173.398 χ^2/NDF :21.9/20

Left: -344.649+/-121.025 χ^2/NDF : 81.2/43

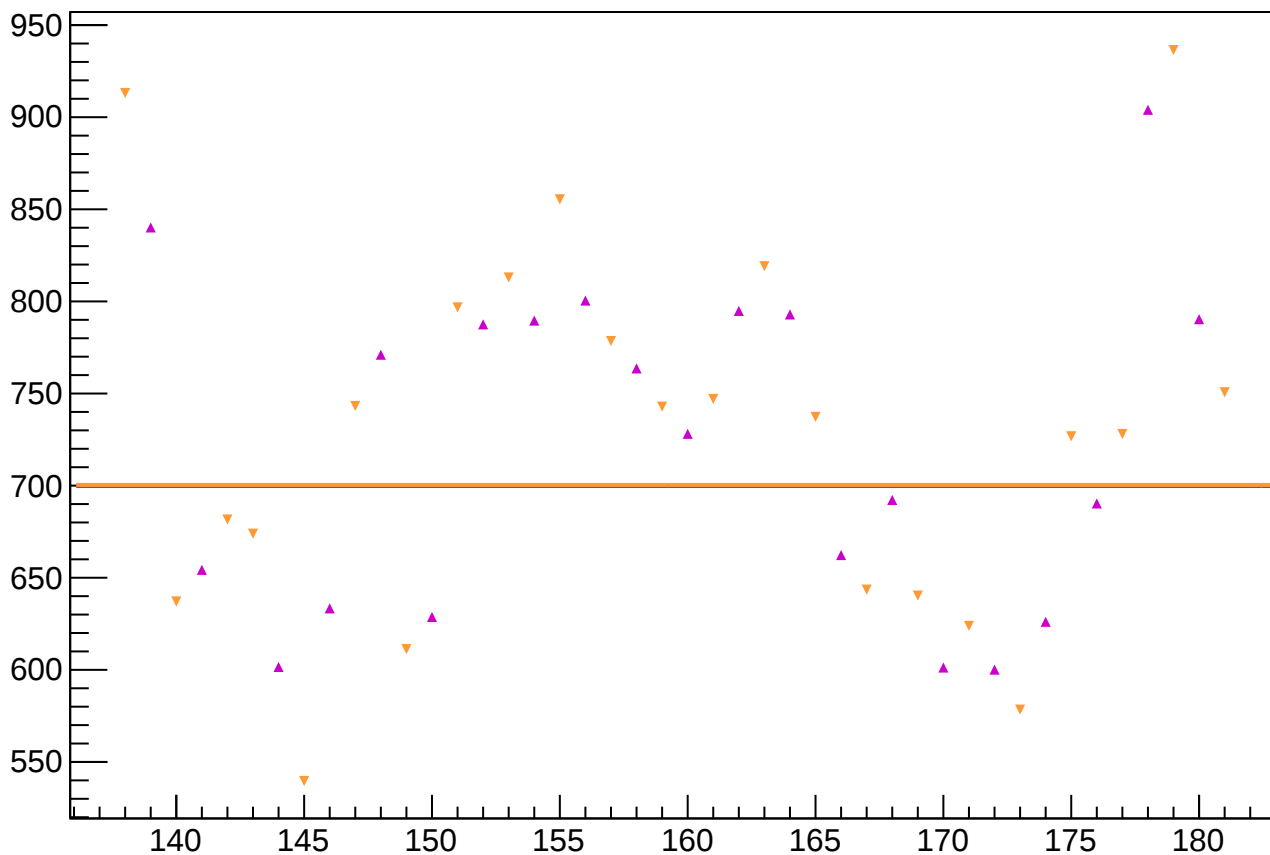
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.725+/-173.398 χ^2/NDF :21.9/20

Out: -838.943+/-168.997 χ^2/NDF :41.7/22

All: -344.649+/-121.025 χ^2/NDF : 81.2/43

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.400+/-0.119 χ^2/NDF : 669458.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Left: 700.129+/-0.086 χ^2/NDF : 1153813.3/43

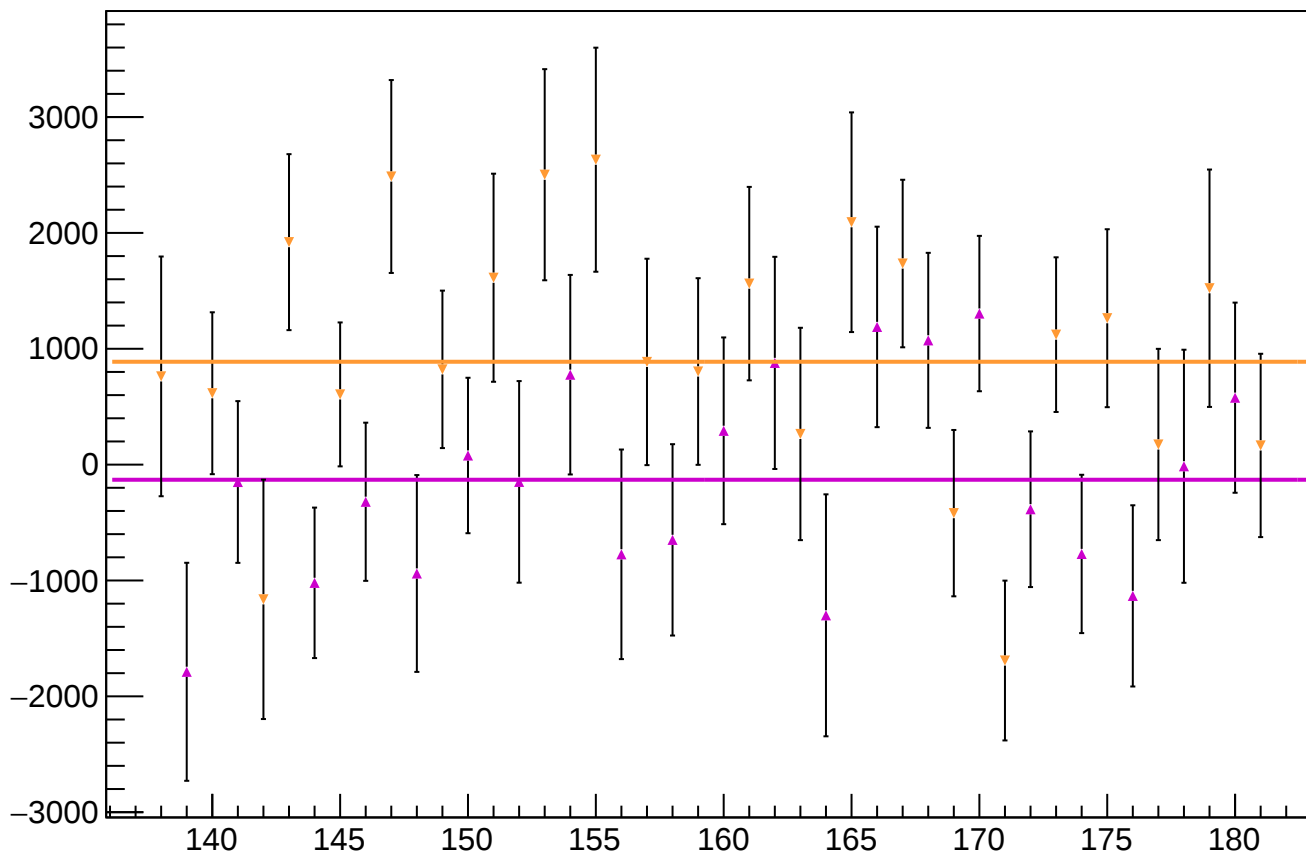
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Out: 700.400+/-0.119 χ^2/NDF : 669458.8/22

All: 700.129+/-0.086 χ^2/NDF : 1153813.3/43

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 887.982 $\pm$ 167.085 χ^2 /NDF:40.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -130.523 $\pm$ 171.265 χ^2 /NDF:23.7/20

Left: 391.313 $\pm$ 119.597 χ^2 /NDF: 82.4/43

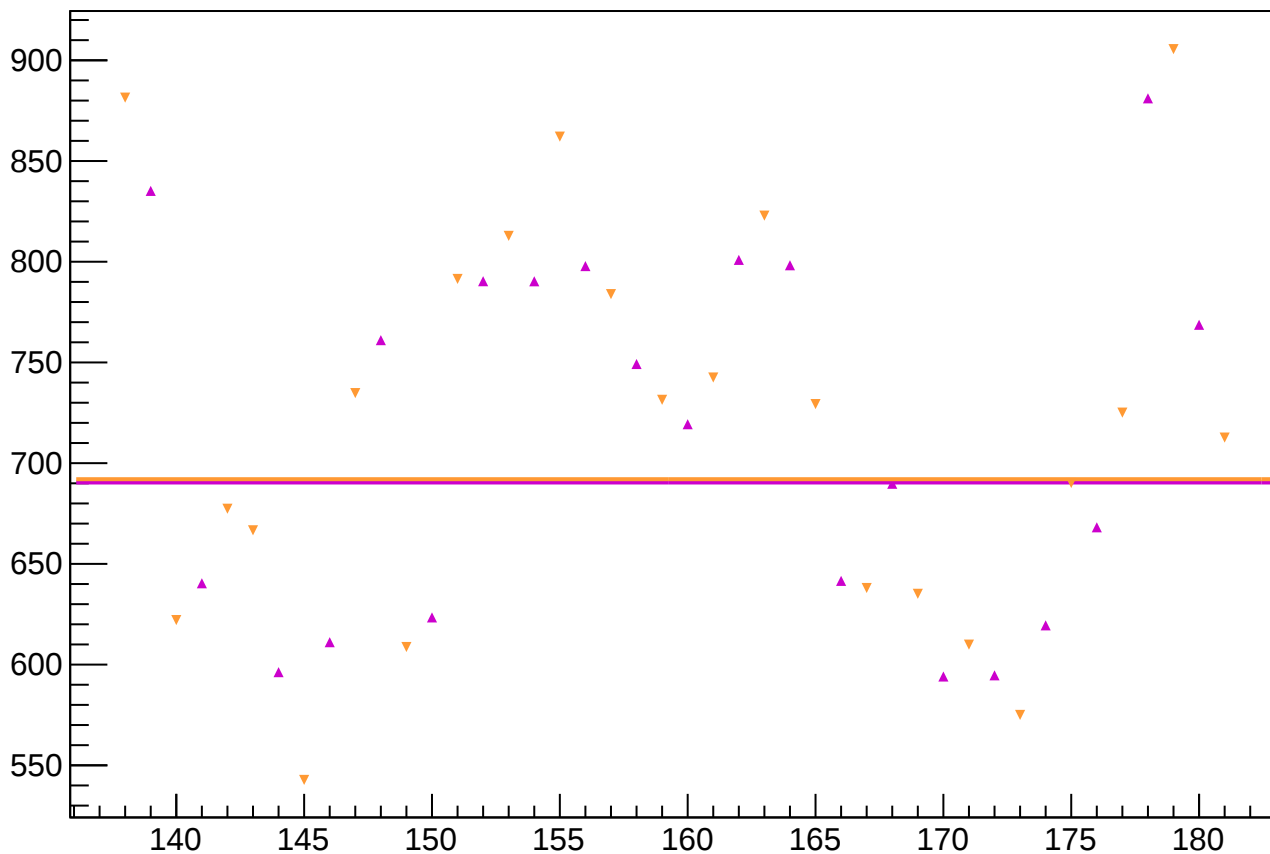
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -130.523 $\pm$ 171.265 χ^2 /NDF:23.7/20

Out: 887.982 $\pm$ 167.085 χ^2 /NDF:40.6/22

All: 391.313 $\pm$ 119.597 χ^2 /NDF: 82.4/43

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.039+/-0.118 χ^2/NDF : 644359.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 690.406+/-0.121 χ^2/NDF : 506641.0/20

Left: 691.243+/-0.085 χ^2/NDF : 1151093.7/43

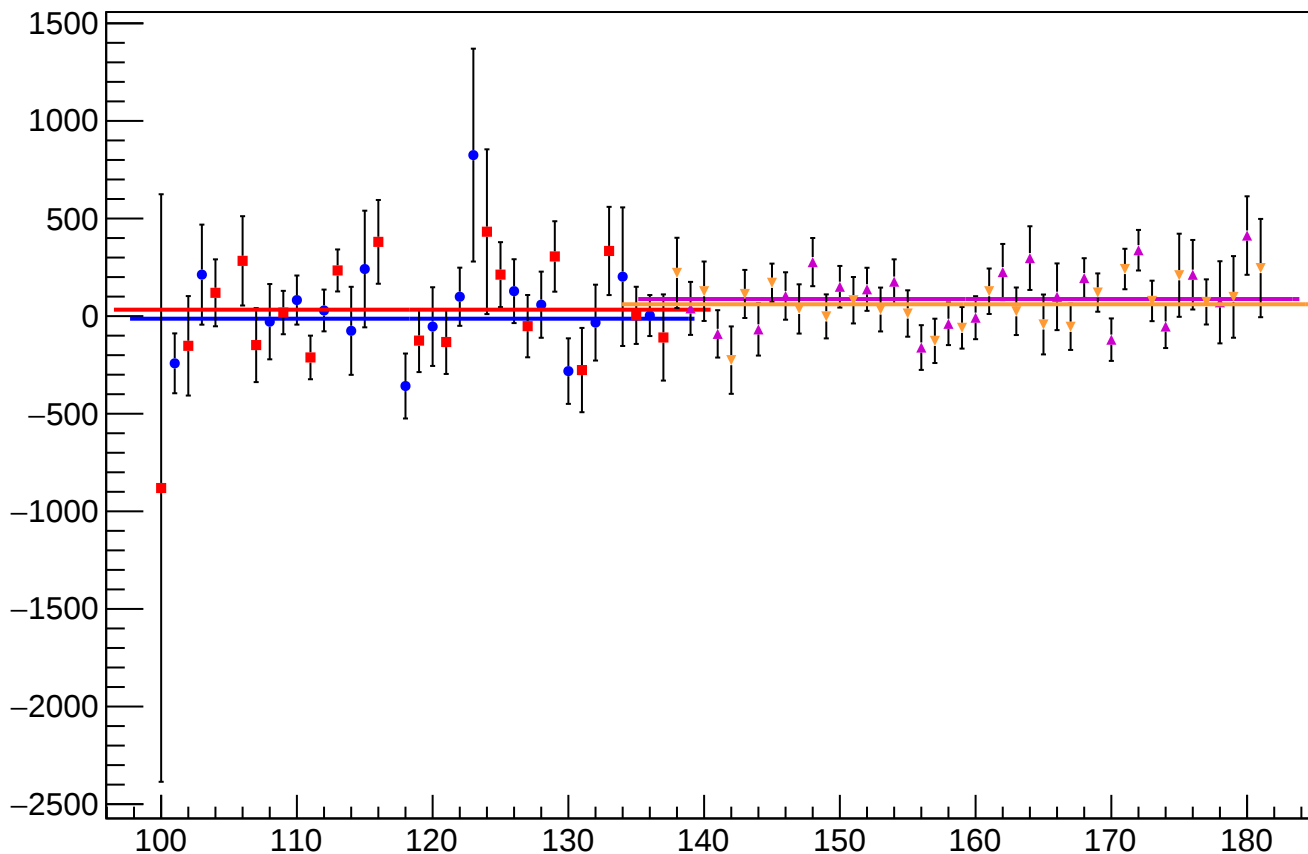
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 690.406+/-0.121 χ^2/NDF : 506641.0/20

Out: 692.039+/-0.118 χ^2/NDF : 644359.5/22

All: 691.243+/-0.085 χ^2/NDF : 1151093.7/43

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 60.736 ± 25.946 χ^2/NDF : 16.1/22

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 87.590 ± 27.164 χ^2/NDF : 31.8/20

Left: 73.547 ± 18.762 χ^2/NDF : 48.5/43

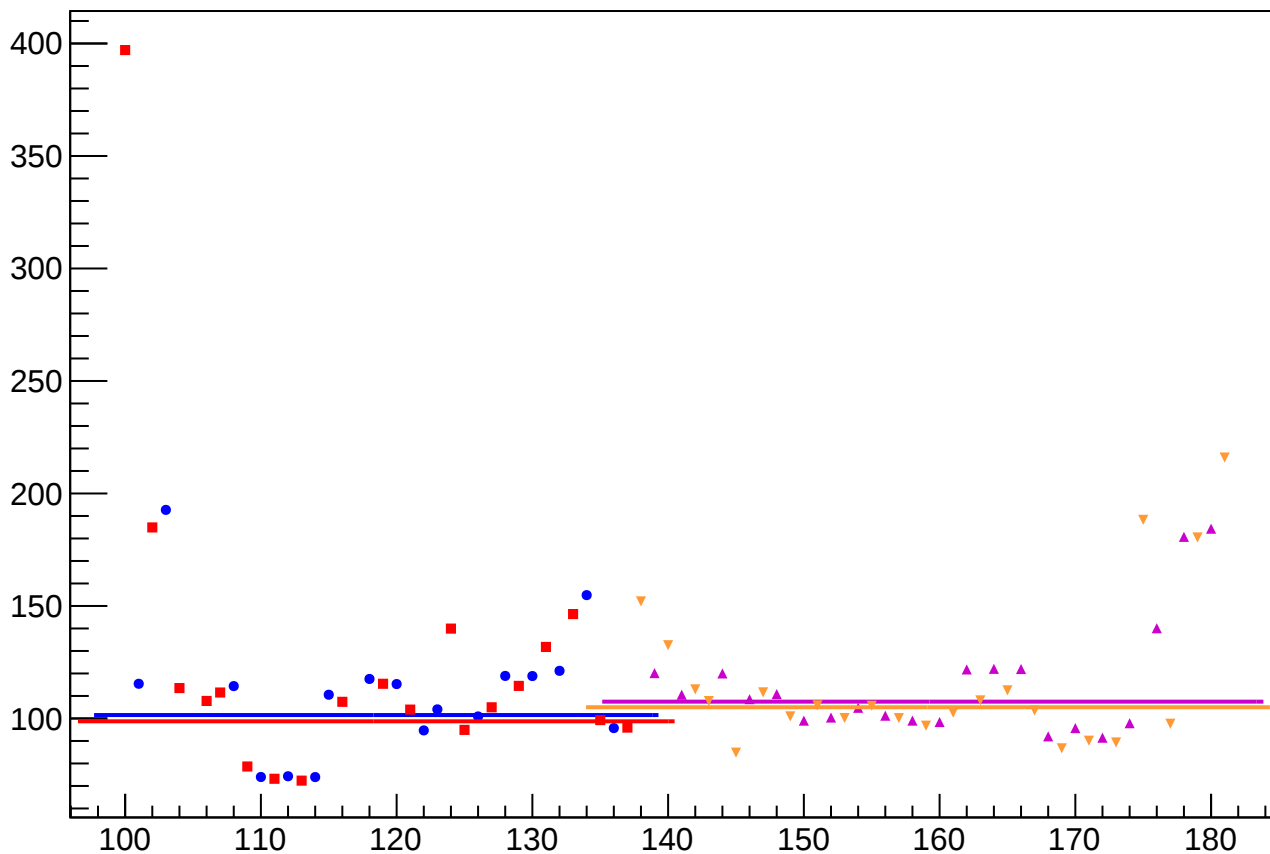
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 56.370 ± 22.569 χ^2/NDF : 51.8/37

Out: 52.198 ± 21.581 χ^2/NDF : 41.5/41

All: 54.191 ± 15.598 χ^2/NDF : 93.3/79

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: 104.987 $\pm$ 0.018 χ^2 /NDF: 1445870.9/22

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 107.473 $\pm$ 0.019 χ^2 /NDF: 875257.9/20

Left: 106.173 $\pm$ 0.013 χ^2 /NDF: 2329887.3/43

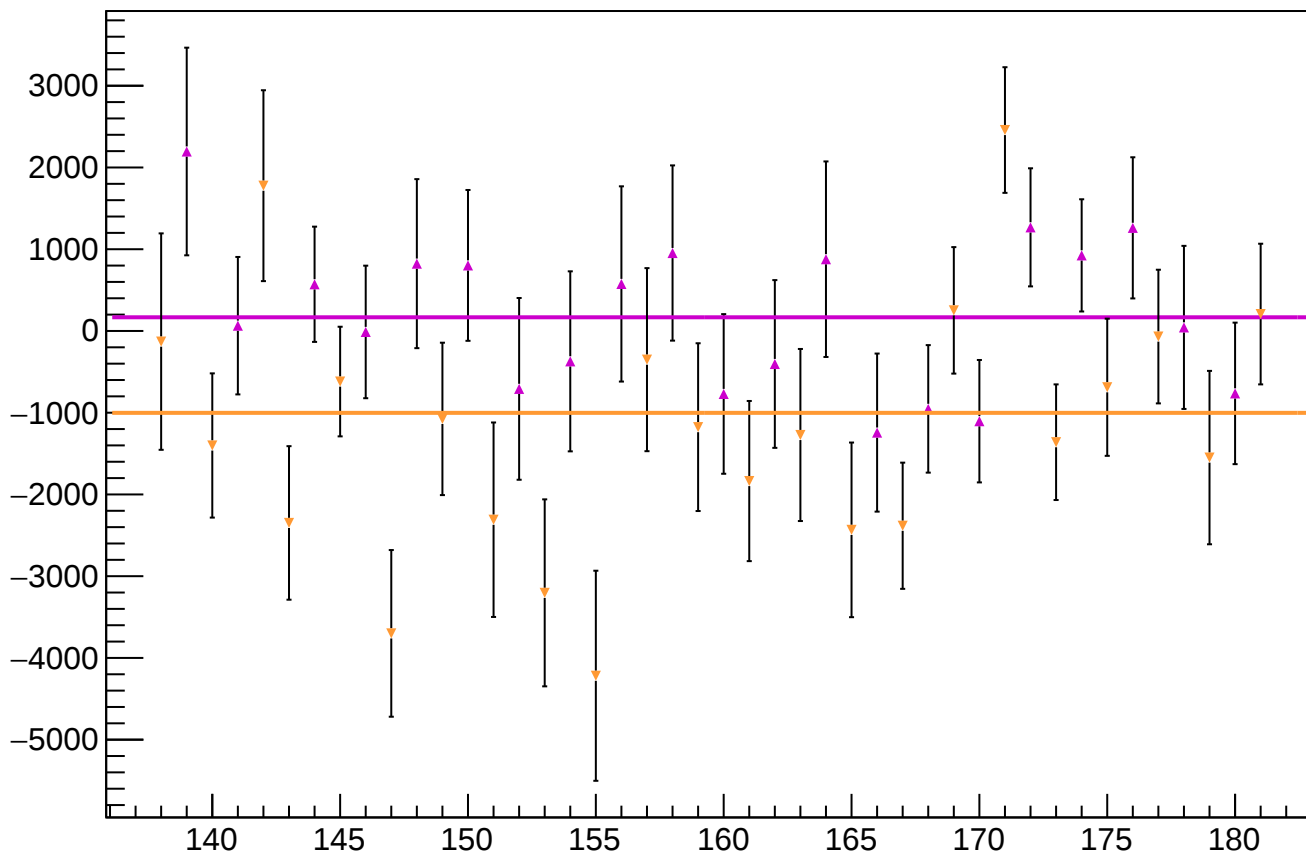
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 105.629 $\pm$ 0.016 χ^2 /NDF: 1586729.6/37

Out: 103.061 $\pm$ 0.015 χ^2 /NDF: 2307278.0/41

All: 104.288 $\pm$ 0.011 χ^2 /NDF: 3907535.1/79

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1001.761+/-192.809 χ^2/NDF :59.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 167.323+/-196.888 χ^2/NDF :20.3/20

Left: -429.454+/-137.756 χ^2/NDF : 98.2/43

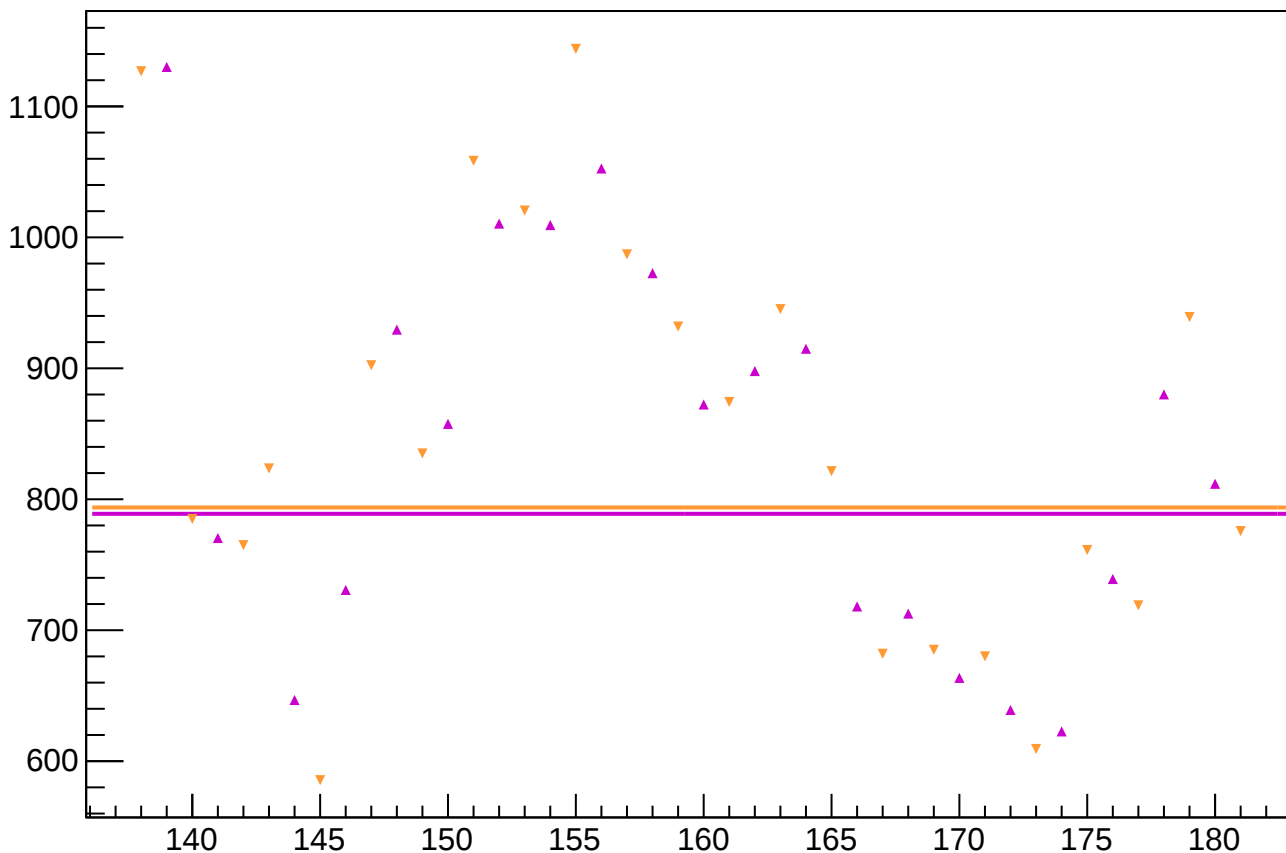
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 167.323+/-196.888 χ^2/NDF :20.3/20

Out: -1001.761+/-192.809 χ^2/NDF :59.9/22

All: -429.454+/-137.756 χ^2/NDF : 98.2/43

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Left: 791.361+/-0.097 χ^2/NDF : 2121886.3/43

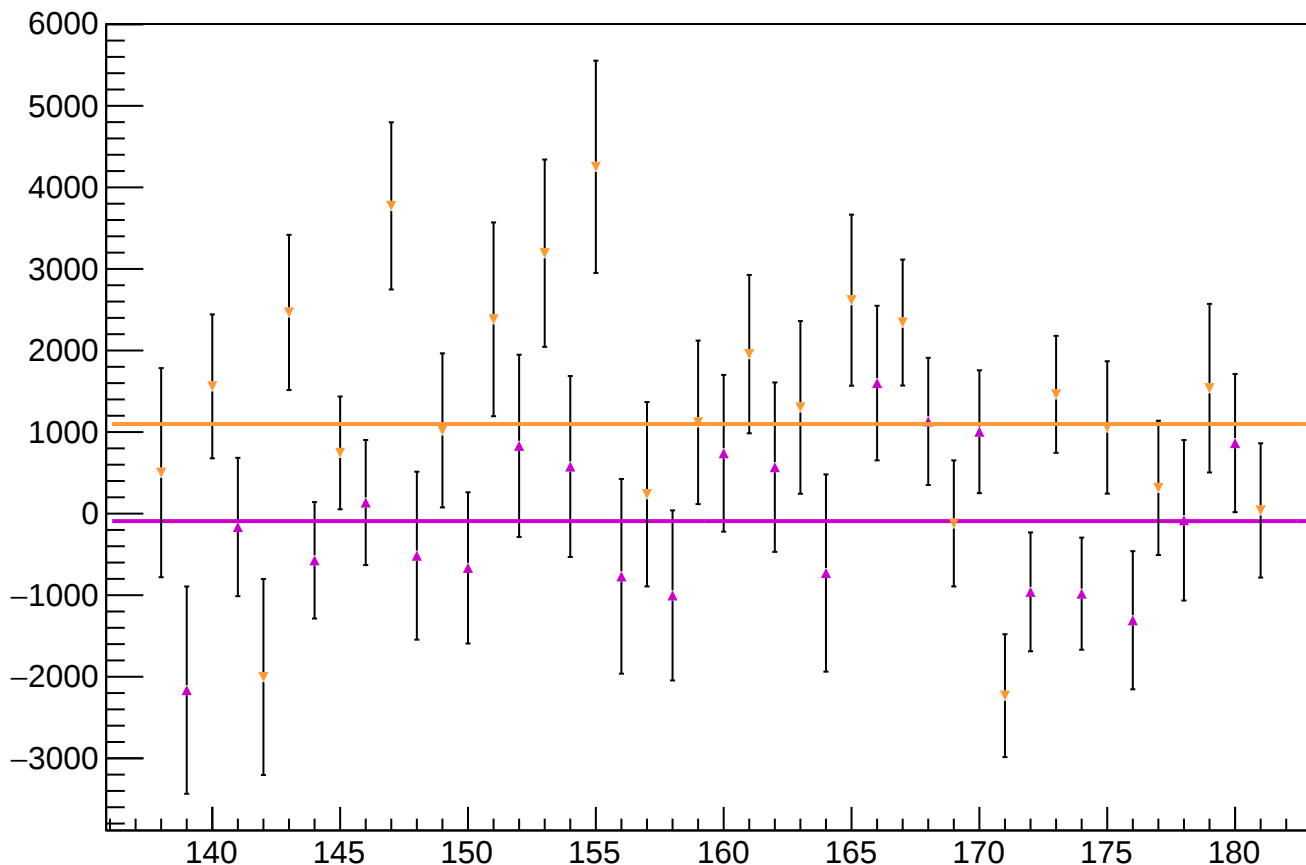
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

All: 791.361+/-0.097 χ^2/NDF : 2121886.3/43

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1098.779+/-192.406 χ^2/NDF :57.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -91.765+/-195.923 χ^2/NDF :21.5/20

Left: 514.291+/-137.278 χ^2/NDF : 98.1/43

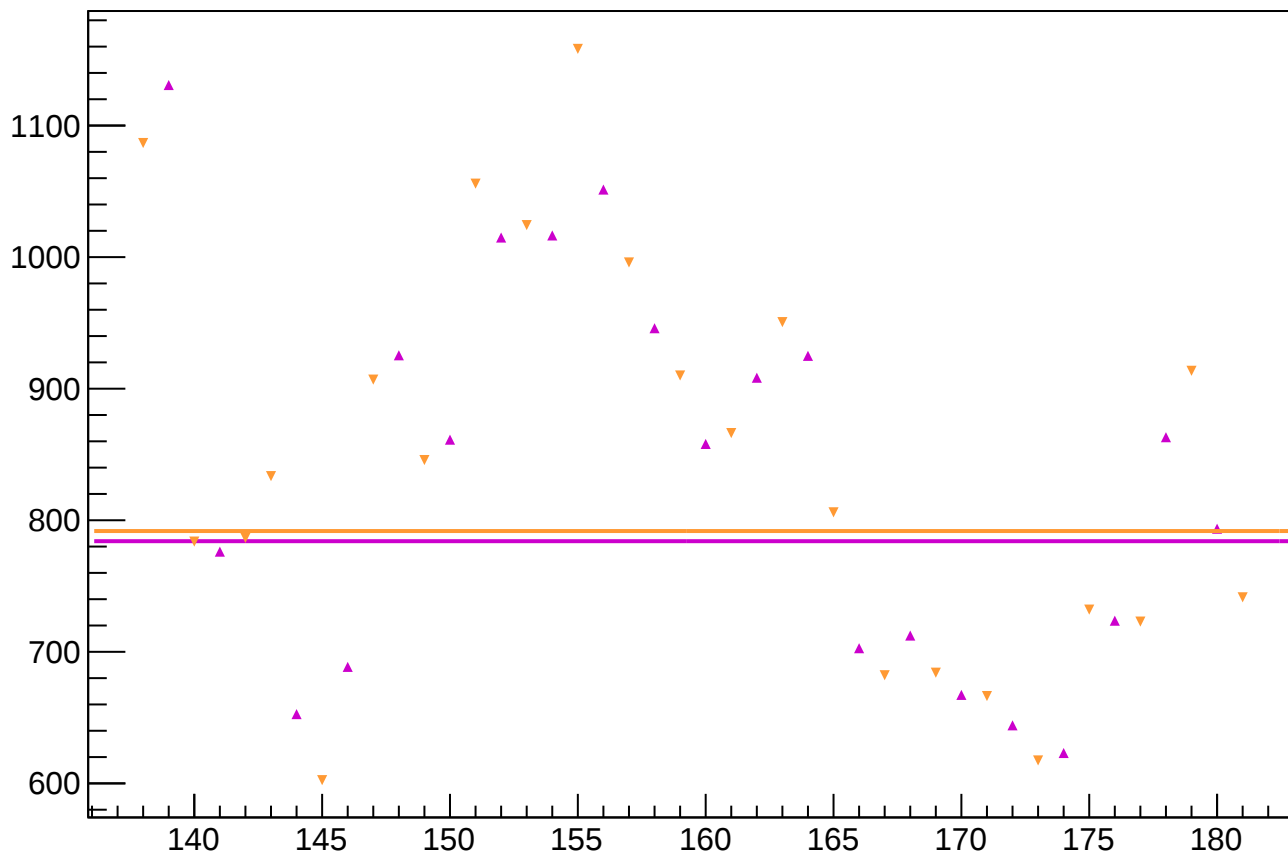
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.765+/-195.923 χ^2/NDF :21.5/20

Out: 1098.779+/-192.406 χ^2/NDF :57.8/22

All: 514.291+/-137.278 χ^2/NDF : 98.1/43

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Left: 788.019+/-0.097 χ^2/NDF : 2070832.1/43

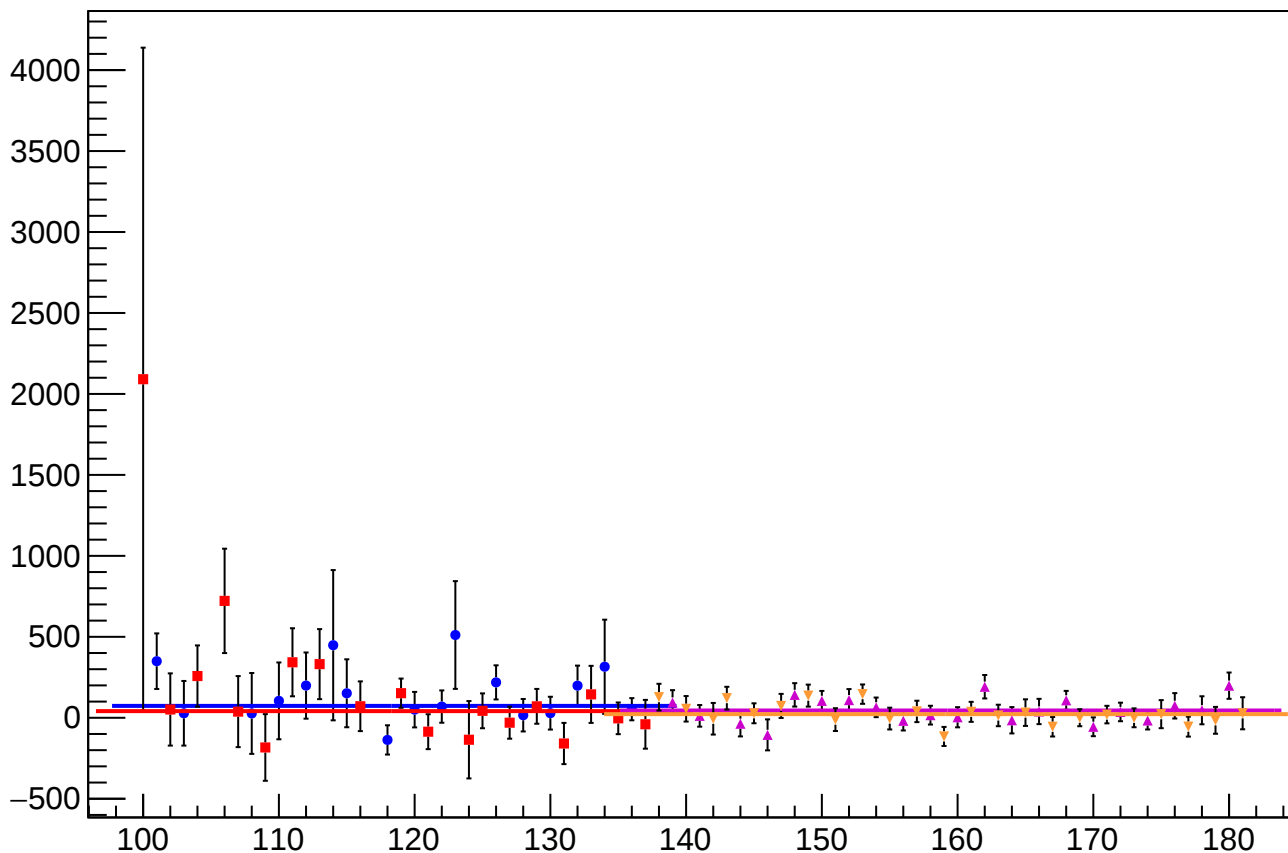
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

All: 788.019+/-0.097 χ^2/NDF : 2070832.1/43

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: 22.426 $\pm$ 14.068 χ^2 /NDF:21.2/22

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 44.999 $\pm$ 14.714 χ^2 /NDF:23.5/20

Left: 33.206 $\pm$ 10.168 χ^2 /NDF: 46.0/43

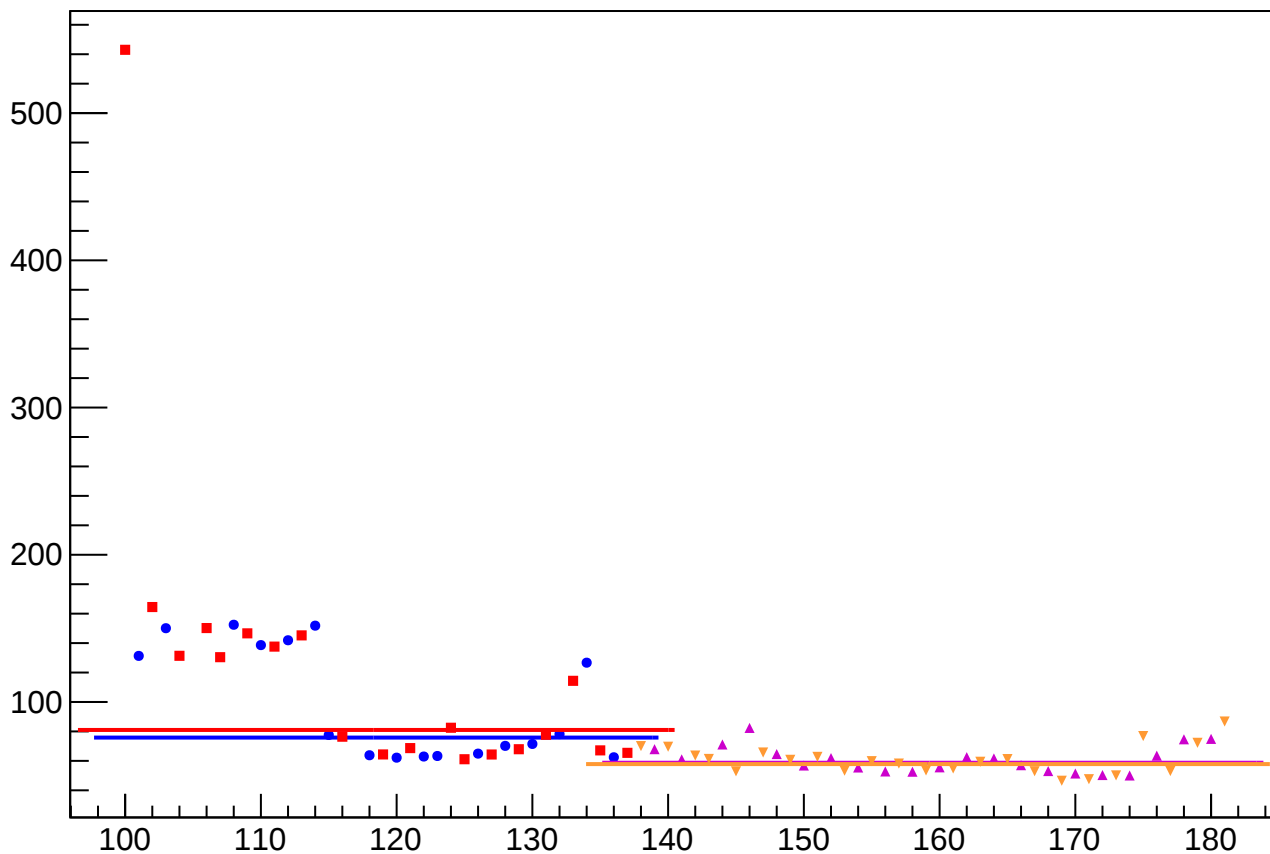
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 50.213 $\pm$ 13.298 χ^2 /NDF:39.5/37

Out: 25.340 $\pm$ 12.926 χ^2 /NDF:40.7/41

All: 37.424 $\pm$ 9.268 χ^2 /NDF: 82.0/79

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 57.814 $\pm$ 0.010 χ^2 /NDF: 734358.4/22

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 58.731 $\pm$ 0.010 χ^2 /NDF: 580801.3/20

Left: 58.252 $\pm$ 0.007 χ^2 /NDF: 1319214.3/43

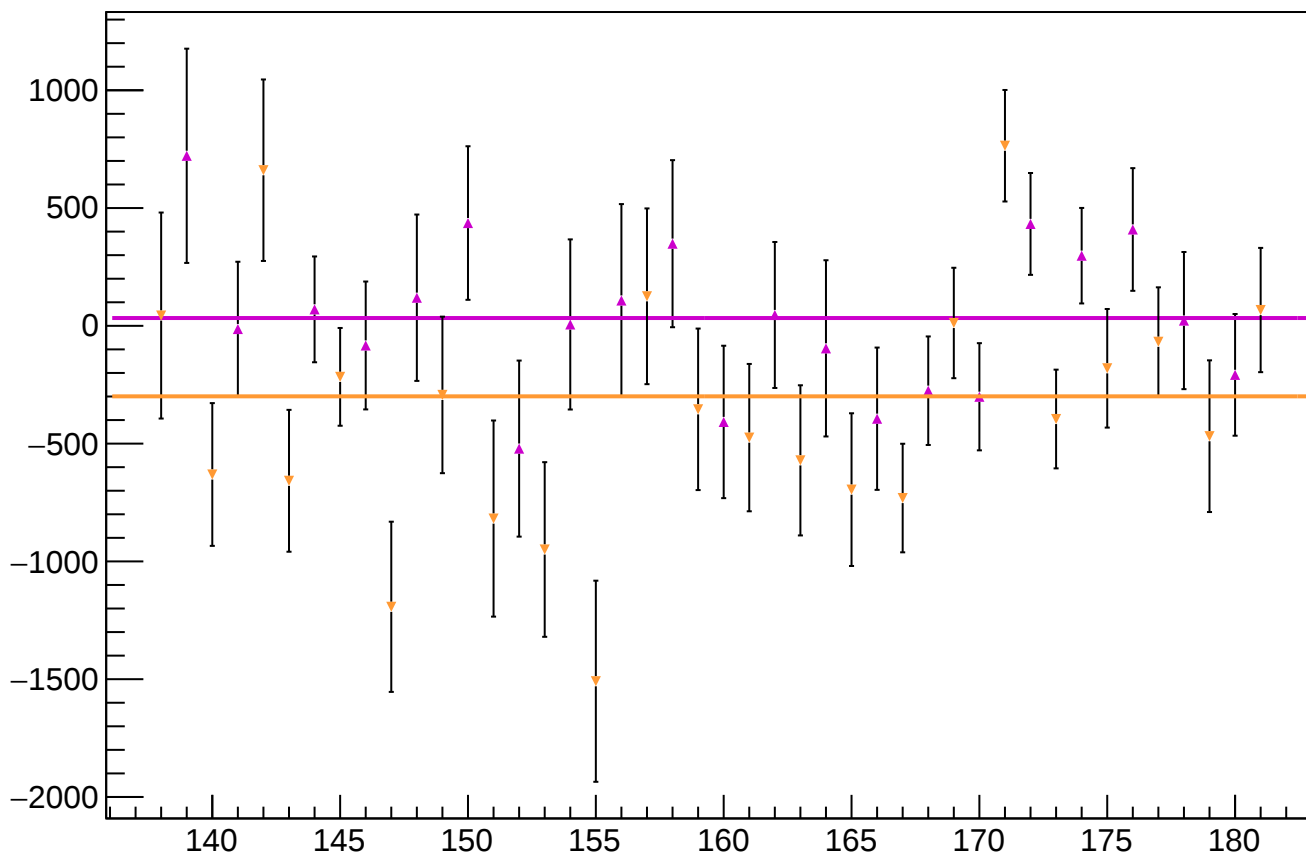
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 61.863 $\pm$ 0.009 χ^2 /NDF: 2425204.2/37

Out: 61.428 $\pm$ 0.009 χ^2 /NDF: 3208895.0/41

All: 61.639 $\pm$ 0.007 χ^2 /NDF: 5635200.5/79

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -299.309+/-60.432 χ^2/NDF :61.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 33.124+/-61.995 χ^2/NDF :23.2/20

Left: -137.336+/-43.274 χ^2/NDF : 99.3/43

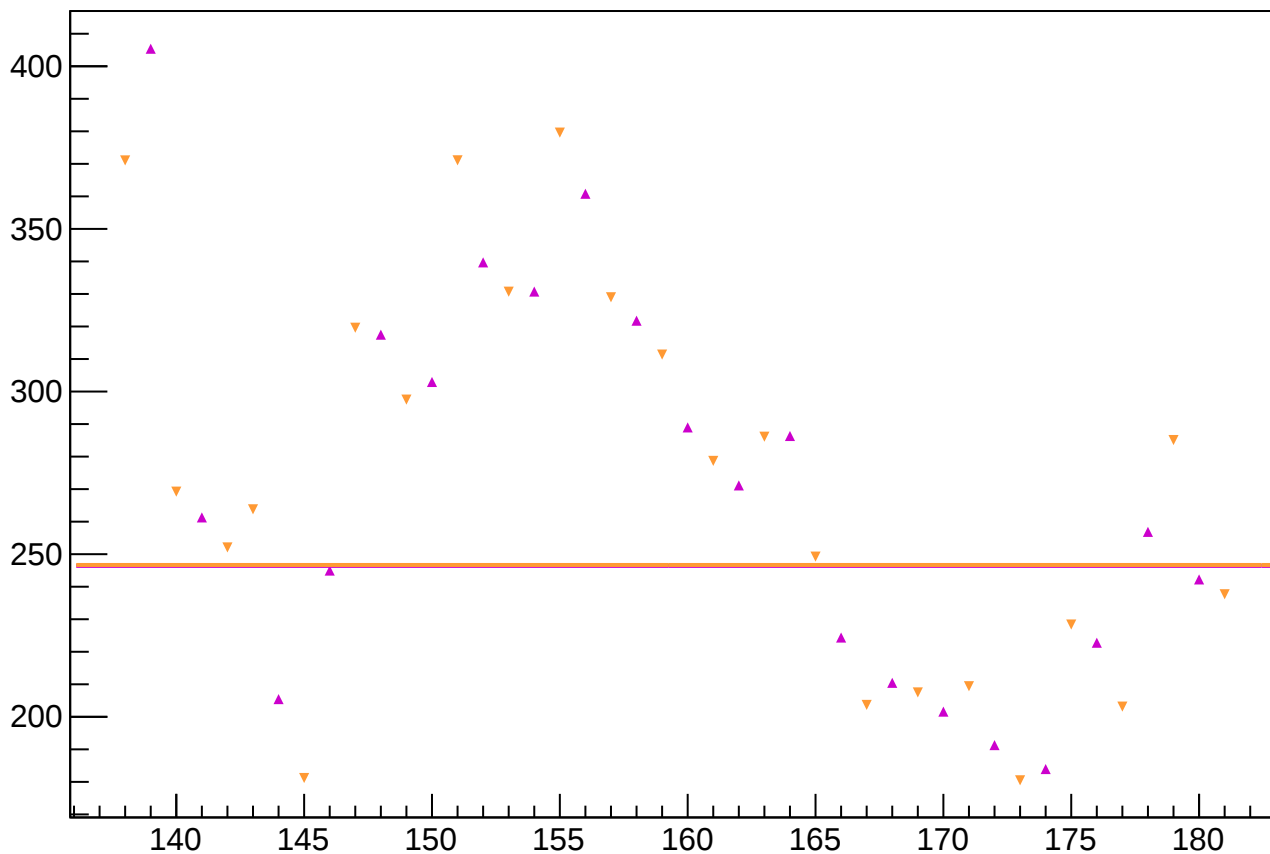
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.124+/-61.995 χ^2/NDF :23.2/20

Out: -299.309+/-60.432 χ^2/NDF :61.4/22

All: -137.336+/-43.274 χ^2/NDF : 99.3/43

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Left: 246.547+/-0.031 χ^2/NDF : 3174374.4/43

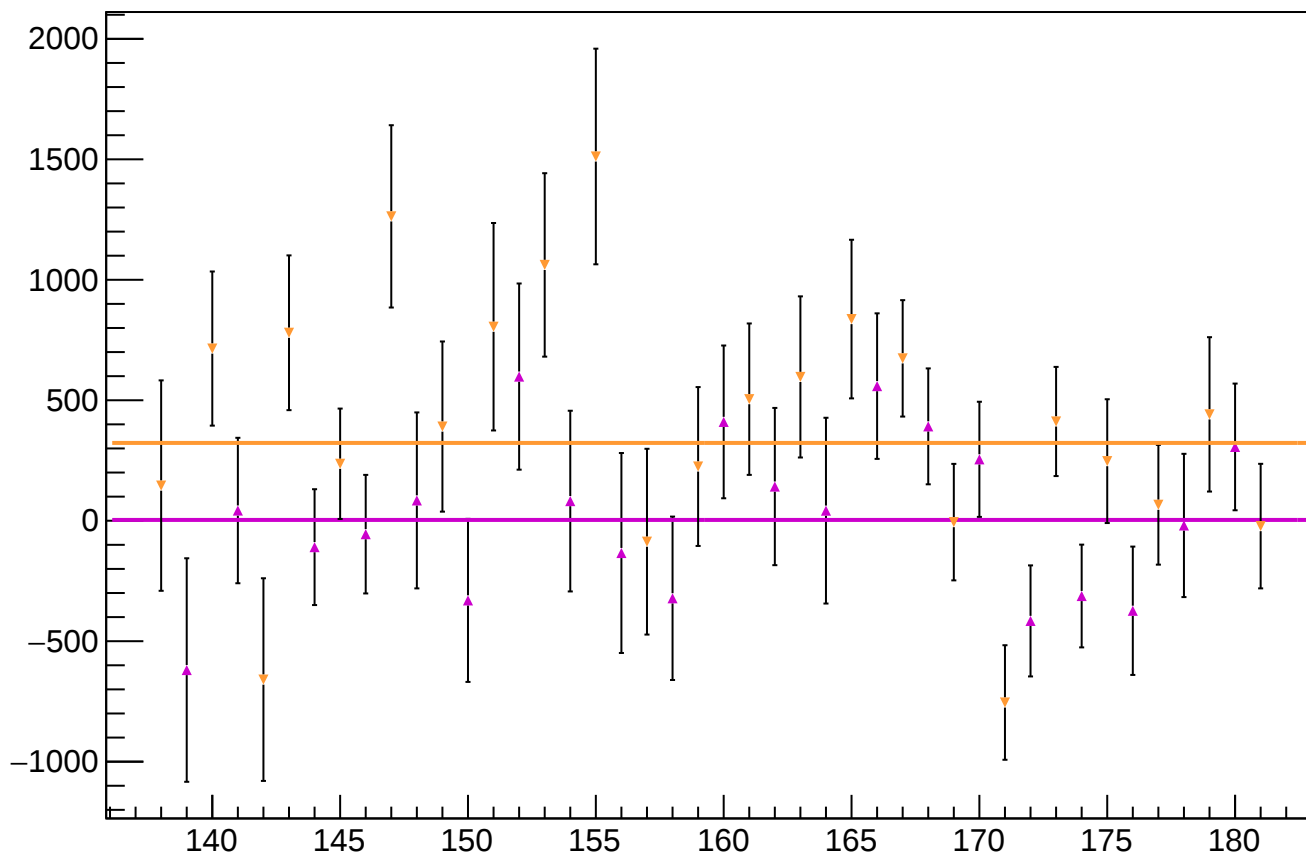
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

All: 246.547+/-0.031 χ^2/NDF : 3174374.4/43

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 322.928+/-62.818 χ^2/NDF :60.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.312+/-63.690 χ^2/NDF :24.3/20

Left: 165.323+/-44.724 χ^2/NDF : 97.1/43

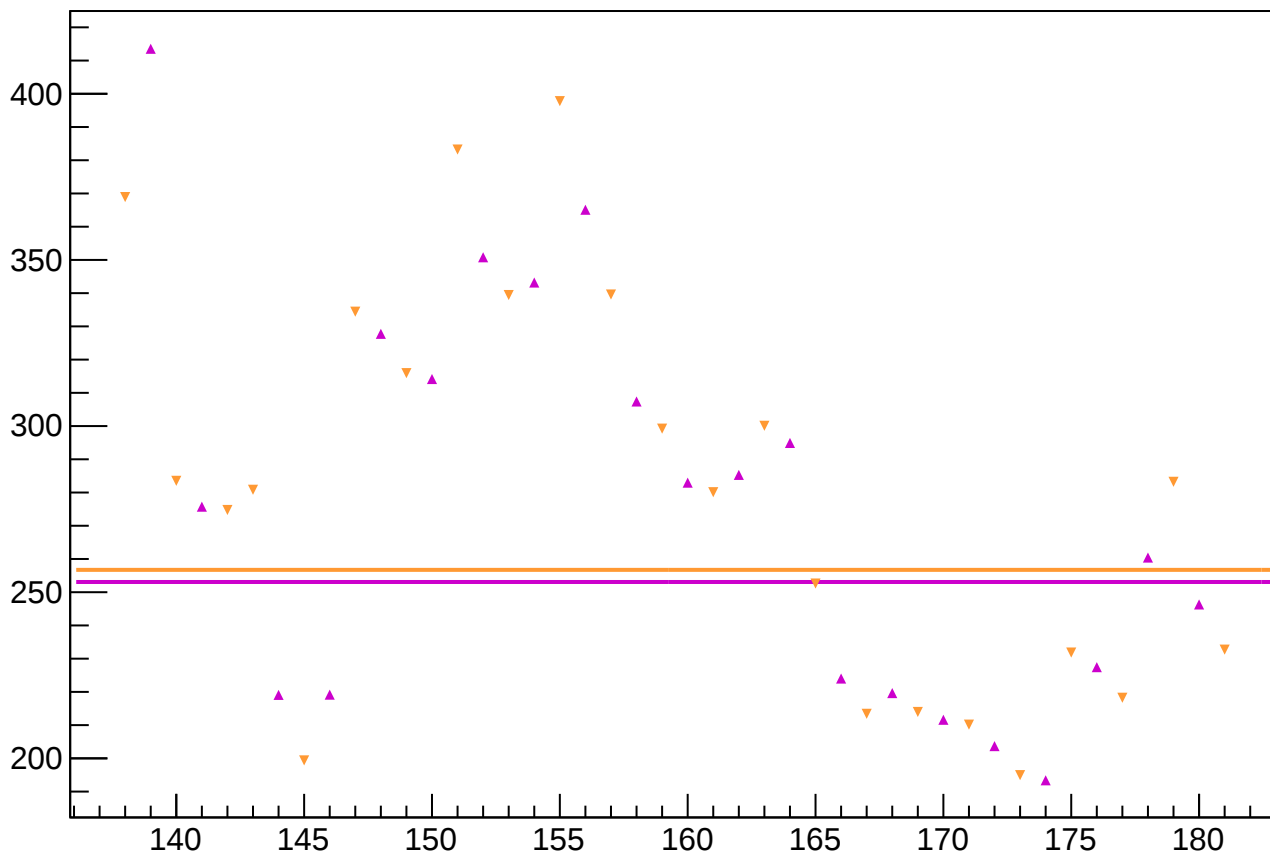
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.312+/-63.690 χ^2/NDF :24.3/20

Out: 322.928+/-62.818 χ^2/NDF :60.0/22

All: 165.323+/-44.724 χ^2/NDF : 97.1/43

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Left: 254.926+/-0.032 χ^2/NDF : 2882491.3/43

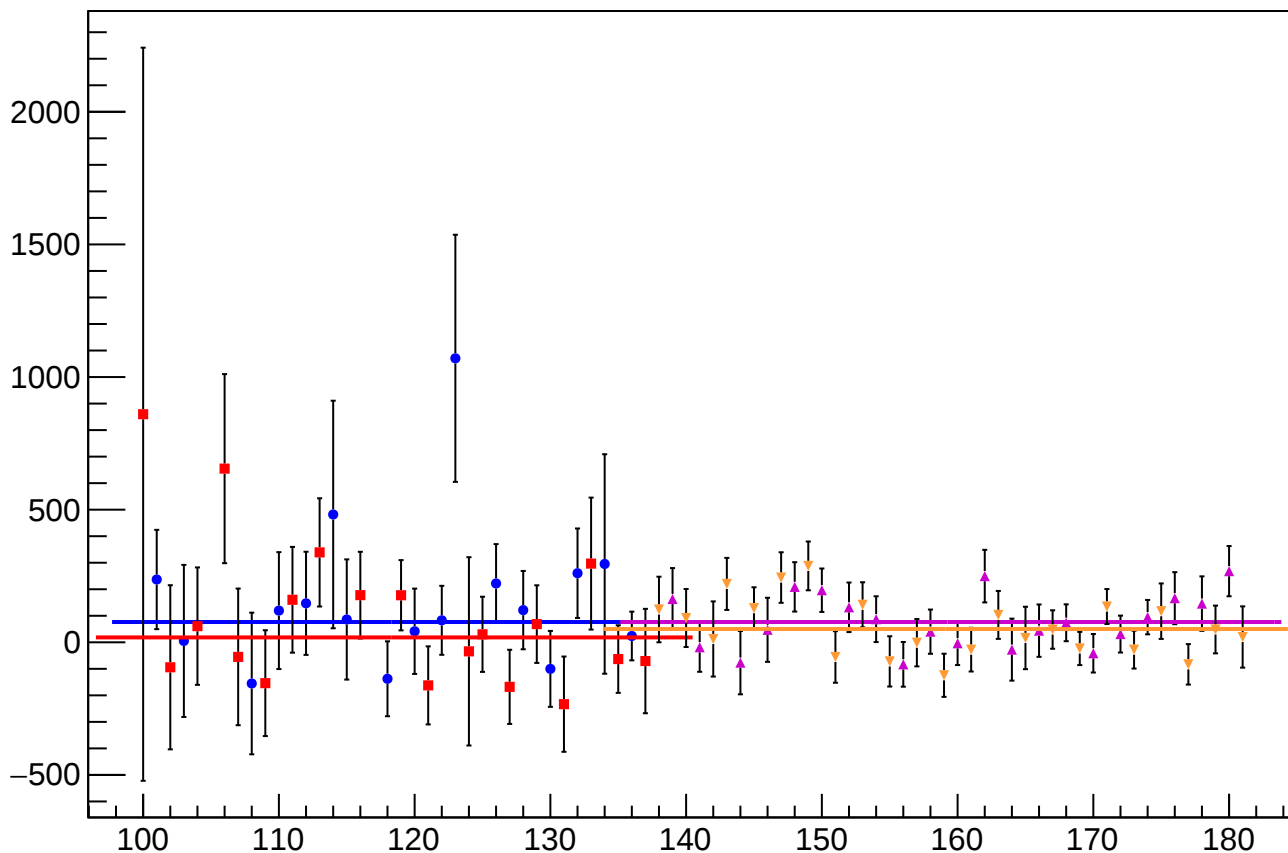
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

All: 254.926+/-0.032 χ^2/NDF : 2882491.3/43

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: 50.064 $\pm$ 18.257 χ^2 /NDF:33.4/22

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 76.461 $\pm$ 19.227 χ^2 /NDF:25.1/20

Left: 62.580 $\pm$ 13.240 χ^2 /NDF: 59.5/43

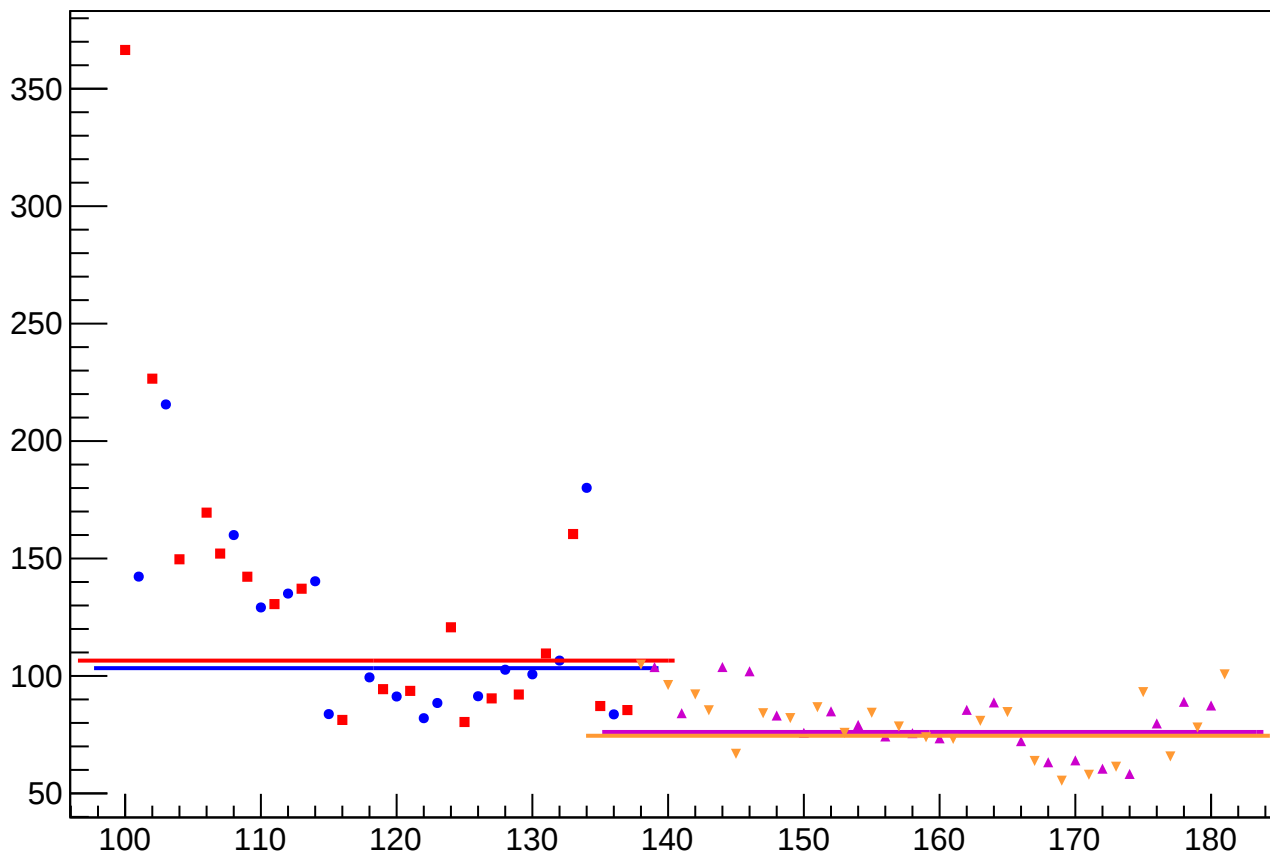
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 76.468 $\pm$ 17.450 χ^2 /NDF:39.0/37

Out: 45.086 $\pm$ 16.761 χ^2 /NDF:51.1/41

All: 60.146 $\pm$ 12.088 χ^2 /NDF: 91.7/79

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 74.538+/-0.013 χ^2/NDF : 1008651.4/22

Right Out: 106.532+/-0.030 χ^2/NDF : 1071553.9/18

Left In: 76.152+/-0.014 χ^2/NDF : 844611.6/20

Left: 75.303+/-0.009 χ^2/NDF : 1860673.9/43

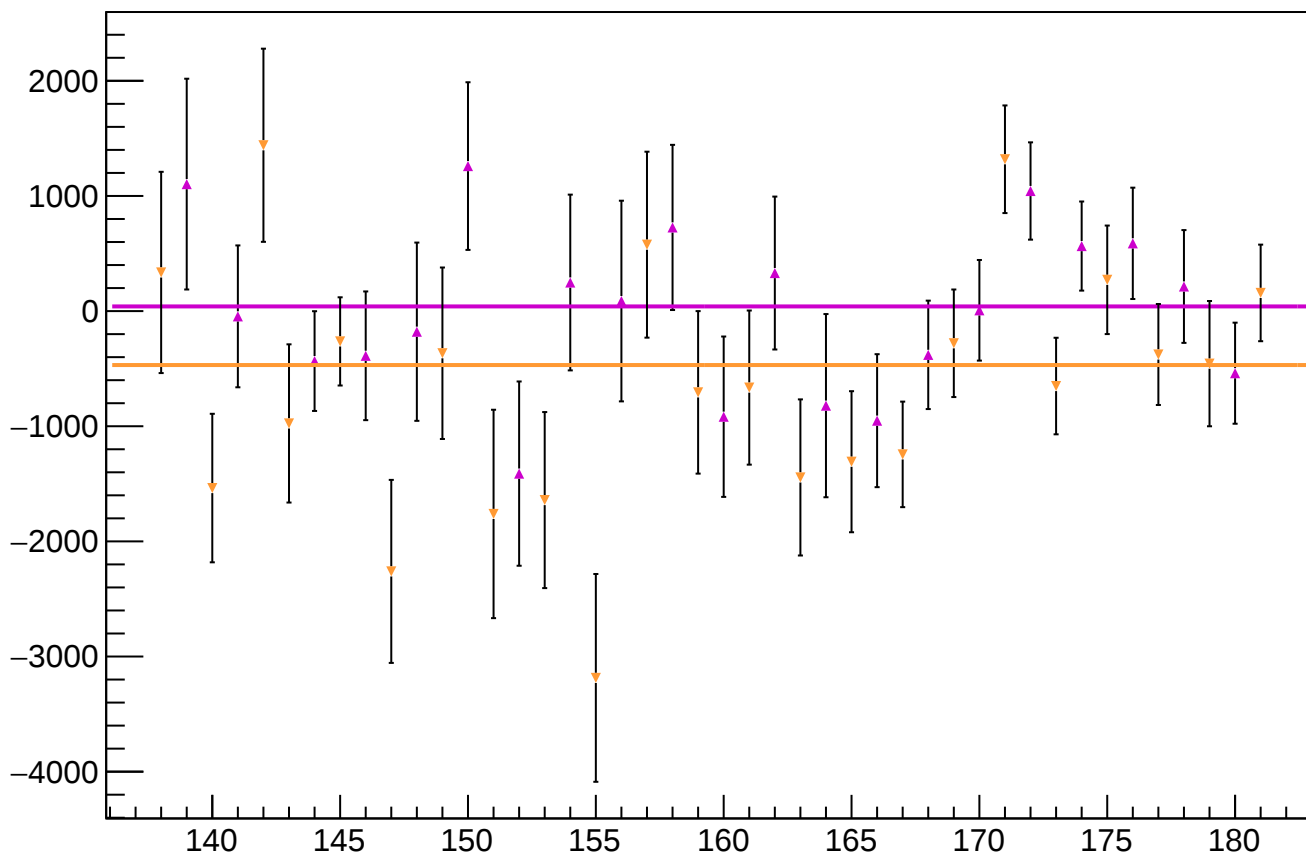
Right: 104.897+/-0.021 χ^2/NDF : 1915236.3/35

In: 80.941+/-0.012 χ^2/NDF : 2386365.8/37

Out: 79.567+/-0.012 χ^2/NDF : 3045591.8/41

All: 80.226+/-0.009 χ^2/NDF : 5438415.3/79

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -468.490+/-119.006 χ^2/NDF :56.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.598+/-122.141 χ^2/NDF :28.0/20

Left: -220.561+/-85.237 χ^2/NDF : 93.4/43

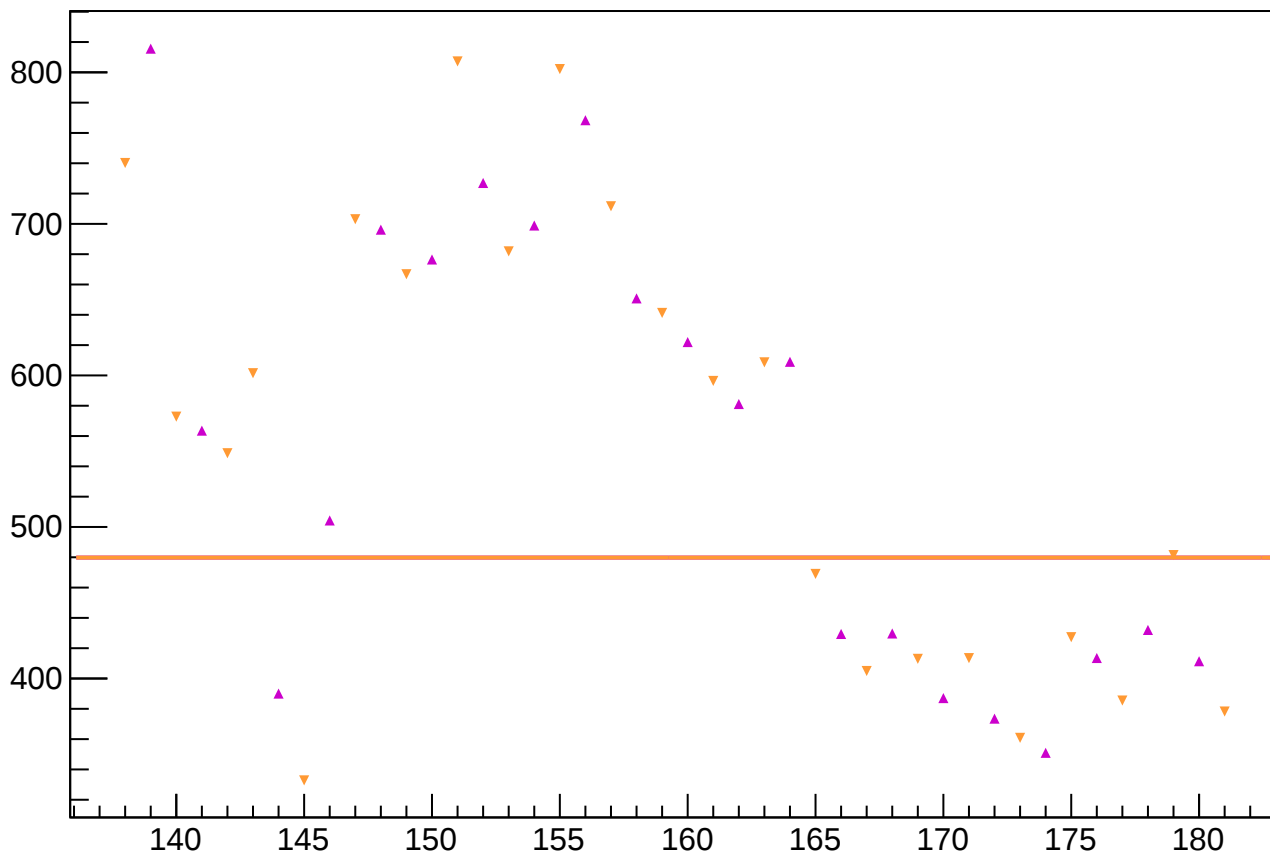
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.598+/-122.141 χ^2/NDF :28.0/20

Out: -468.490+/-119.006 χ^2/NDF :56.6/22

All: -220.561+/-85.237 χ^2/NDF : 93.4/43

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Left: 479.800+/-0.060 χ^2/NDF : 4615054.6/43

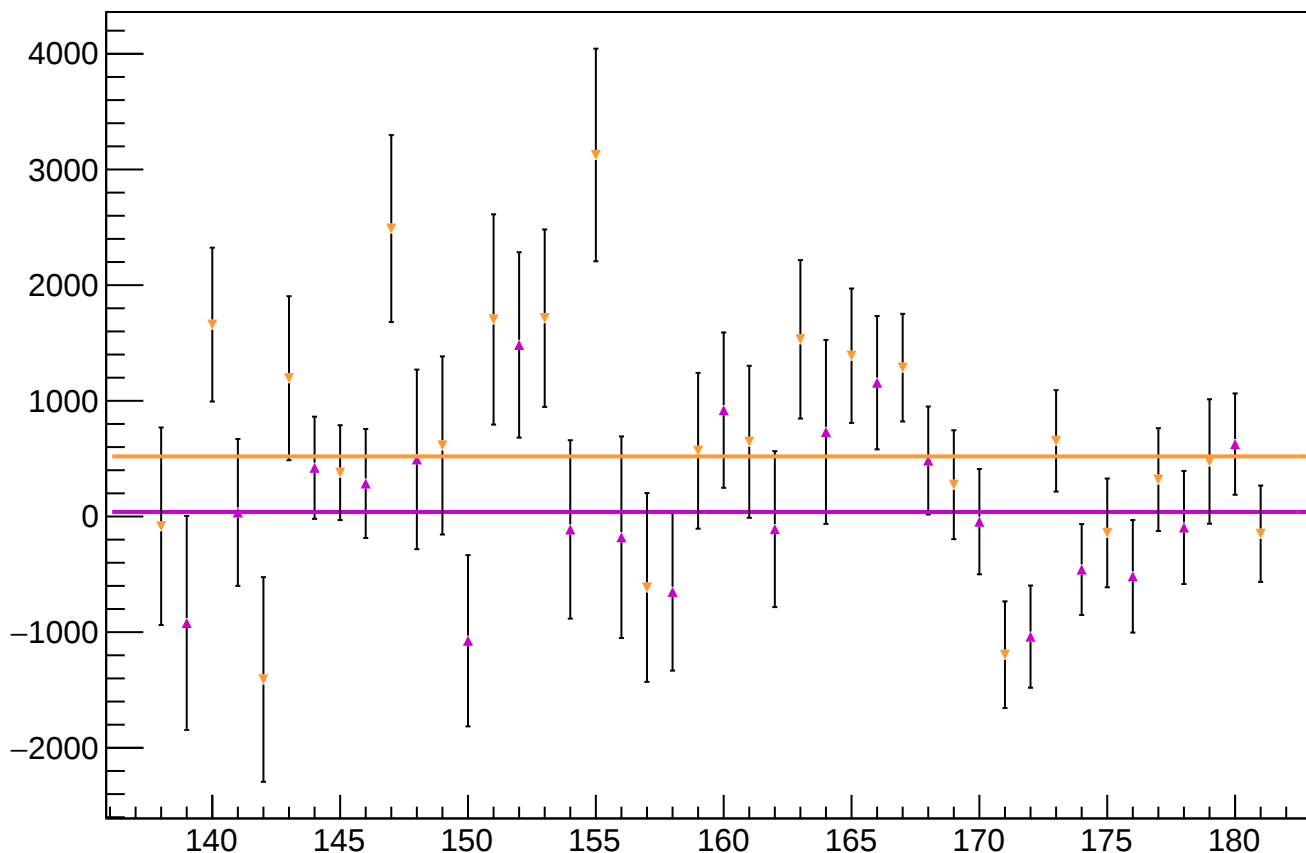
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

All: 479.800+/-0.060 χ^2/NDF : 4615054.6/43

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 519.805+/-120.288 χ^2/NDF :55.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.092+/-122.050 χ^2/NDF :27.0/20

Left: 282.944+/-85.673 χ^2/NDF : 90.3/43

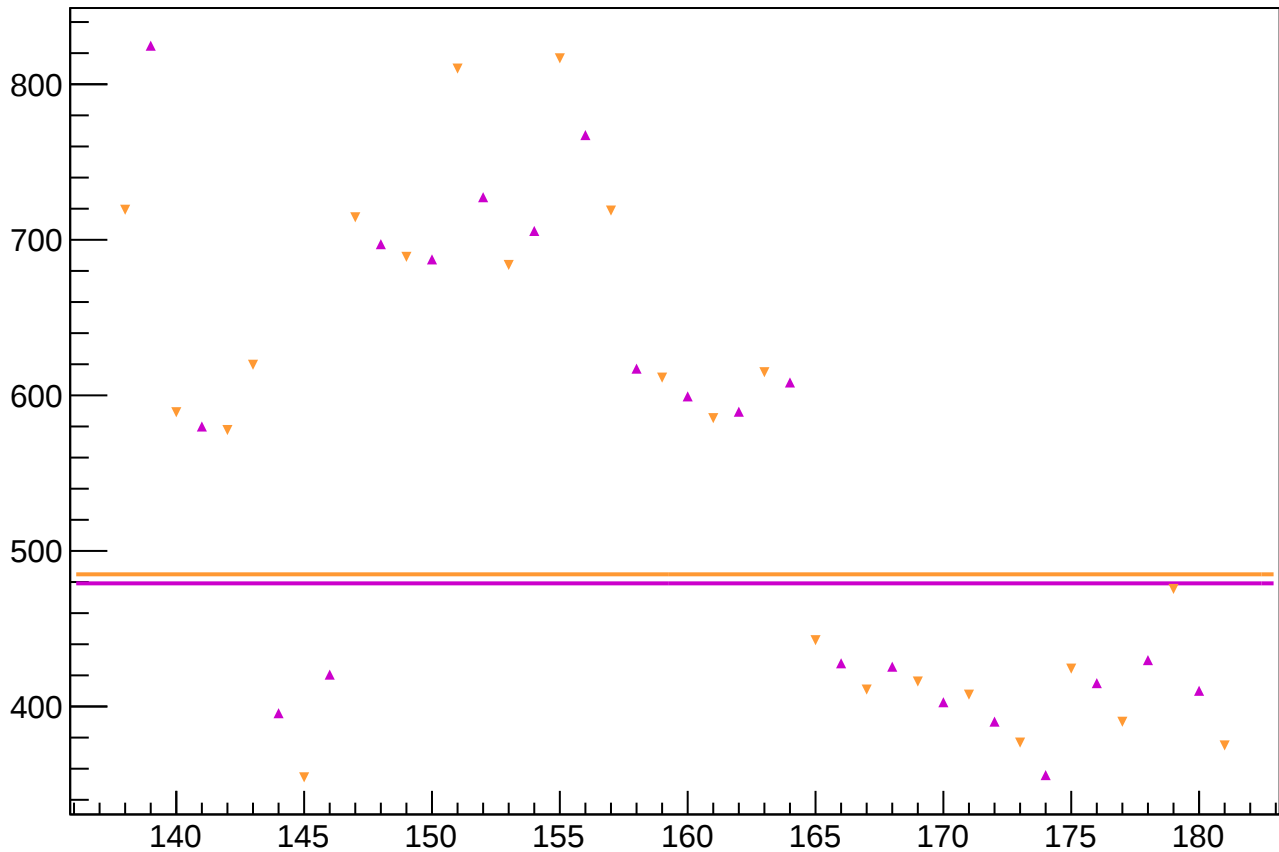
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.092+/-122.050 χ^2/NDF :27.0/20

Out: 519.805+/-120.288 χ^2/NDF :55.4/22

All: 282.944+/-85.673 χ^2/NDF : 90.3/43

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 479.152+/-0.086 χ^2/NDF :2065382.8/20

Left: 482.100+/-0.061 χ^2/NDF : 4416547.3/43

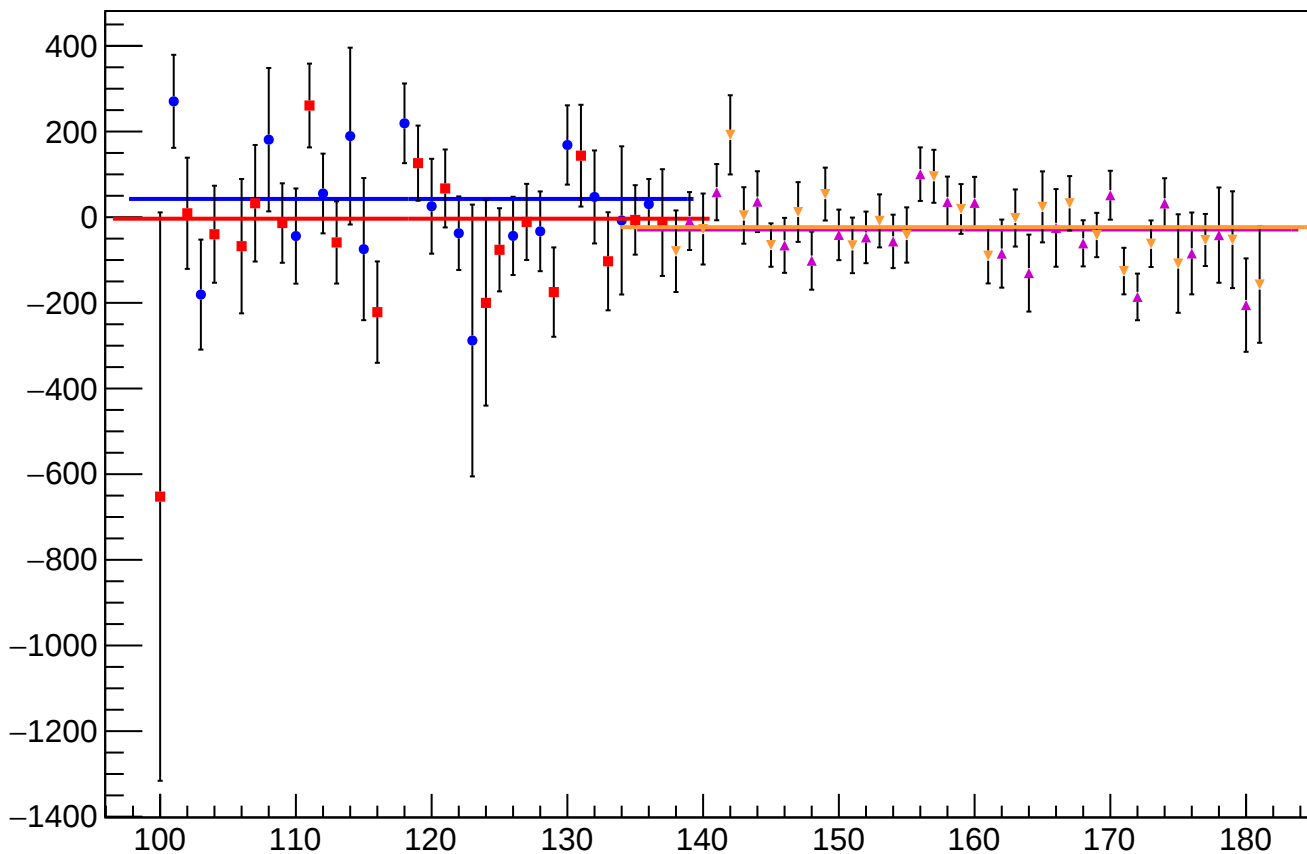
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.152+/-0.086 χ^2/NDF :2065382.8/20

Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

All: 482.100+/-0.061 χ^2/NDF : 4416547.3/43

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -23.281 $\pm$ 13.945 χ^2 /NDF:21.5/22

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -28.749 $\pm$ 14.588 χ^2 /NDF:27.5/20

Left: -25.892 $\pm$ 10.080 χ^2 /NDF: 49.1/43

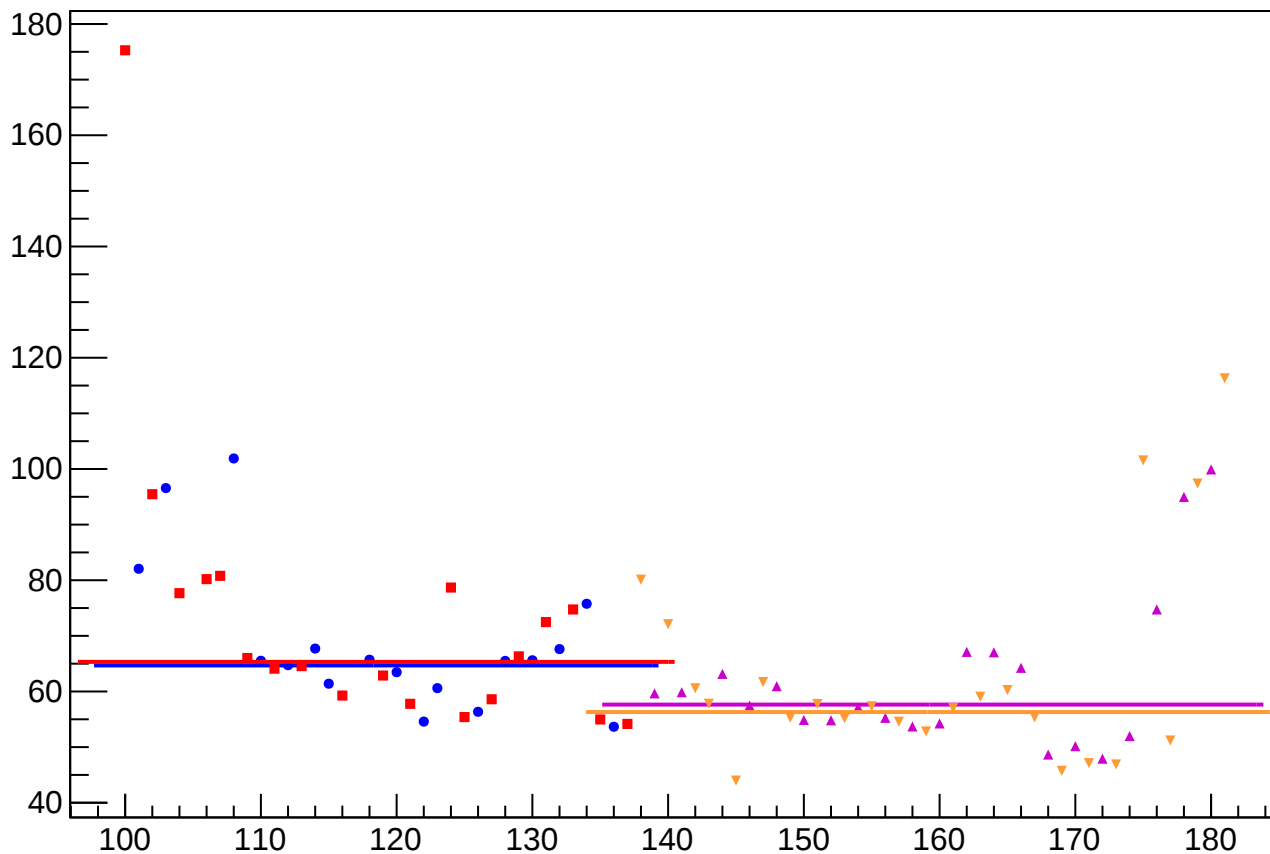
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -11.128 $\pm$ 12.661 χ^2 /NDF:52.3/37

Out: -18.608 $\pm$ 12.186 χ^2 /NDF:43.4/41

All: -15.011 $\pm$ 8.780 χ^2 /NDF: 95.9/79

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: 56.302 $\pm$ 0.010 χ^2/NDF :1530528.4/22

Right Out: 65.324 $\pm$ 0.018 χ^2/NDF : 359570.8/18

Left In: 57.642 $\pm$ 0.010 χ^2/NDF :871133.5/20

Left: 56.942 $\pm$ 0.007 χ^2/NDF : 2410481.4/43

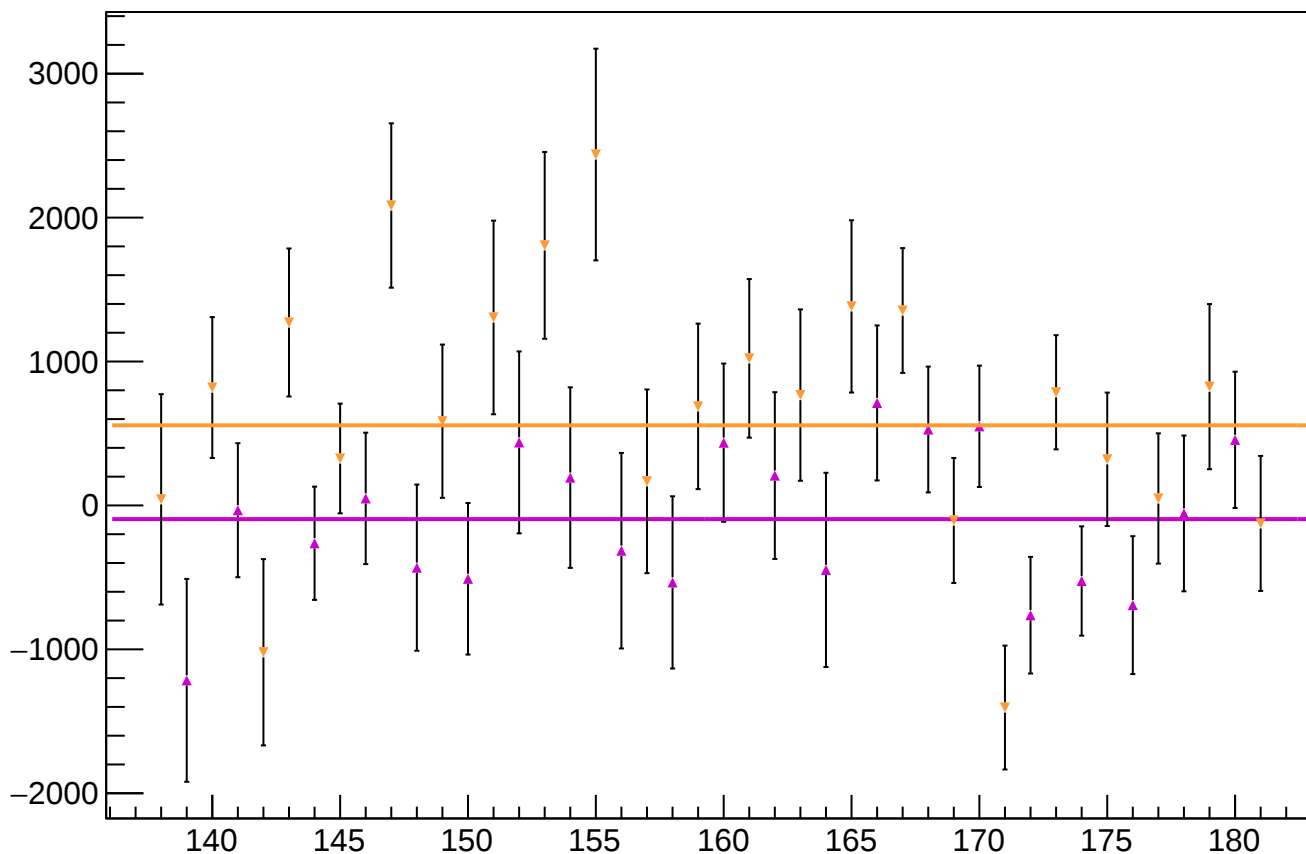
Right: 65.010 $\pm$ 0.013 χ^2/NDF : 760396.9/35

In: 59.380 $\pm$ 0.009 χ^2/NDF :1386372.2/37

Out: 58.434 $\pm$ 0.009 χ^2/NDF :2087925.3/41

All: 58.889 $\pm$ 0.006 χ^2/NDF : 3480099.1/79

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: 556.576+/-107.838 χ^2/NDF : 61.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -95.248+/-110.075 χ^2/NDF : 20.4/20

Left: 237.357+/-77.032 χ^2/NDF : 99.7/43

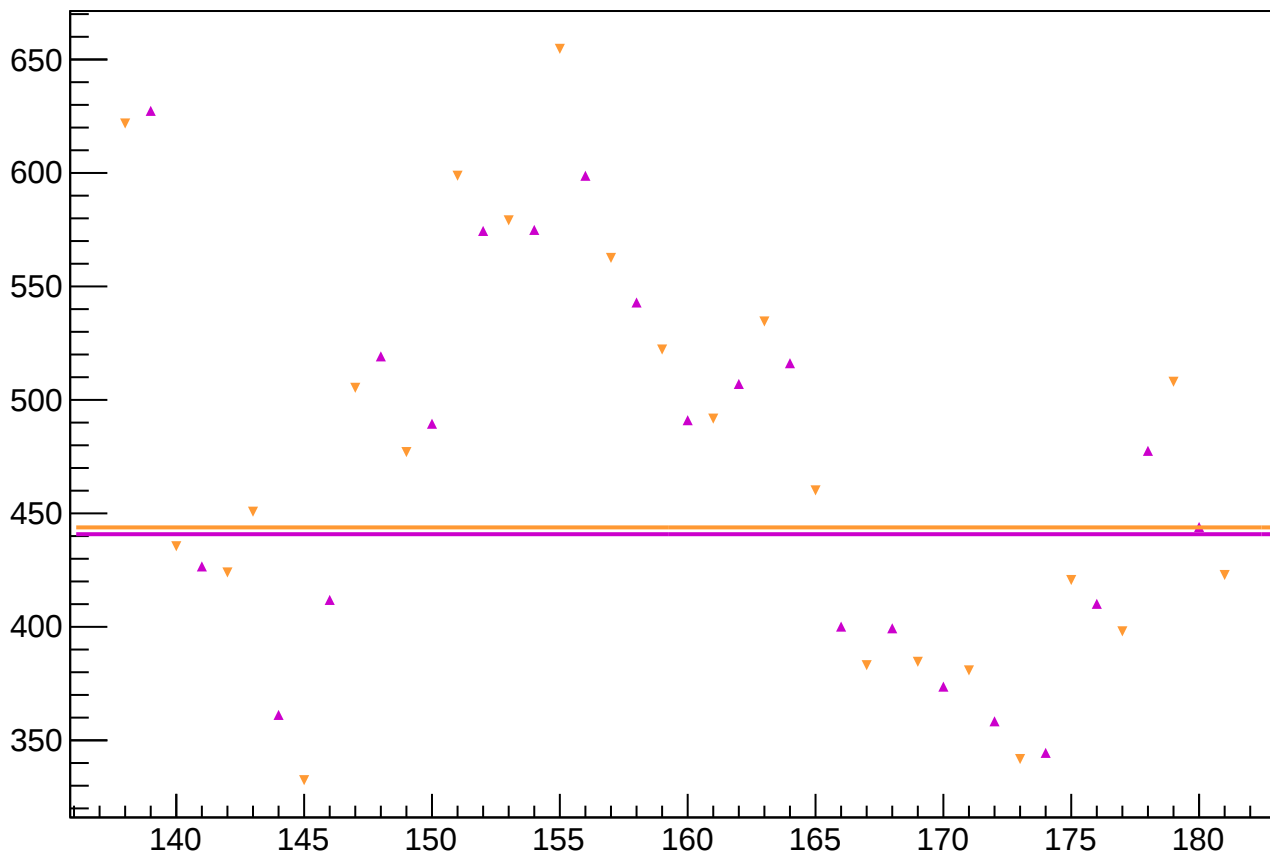
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.248+/-110.075 χ^2/NDF : 20.4/20

Out: 556.576+/-107.838 χ^2/NDF : 61.5/22

All: 237.357+/-77.032 χ^2/NDF : 99.7/43

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: 443.824+/-0.076 χ^2/NDF :1156166.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Left: 442.354+/-0.054 χ^2/NDF : 2166806.1/43

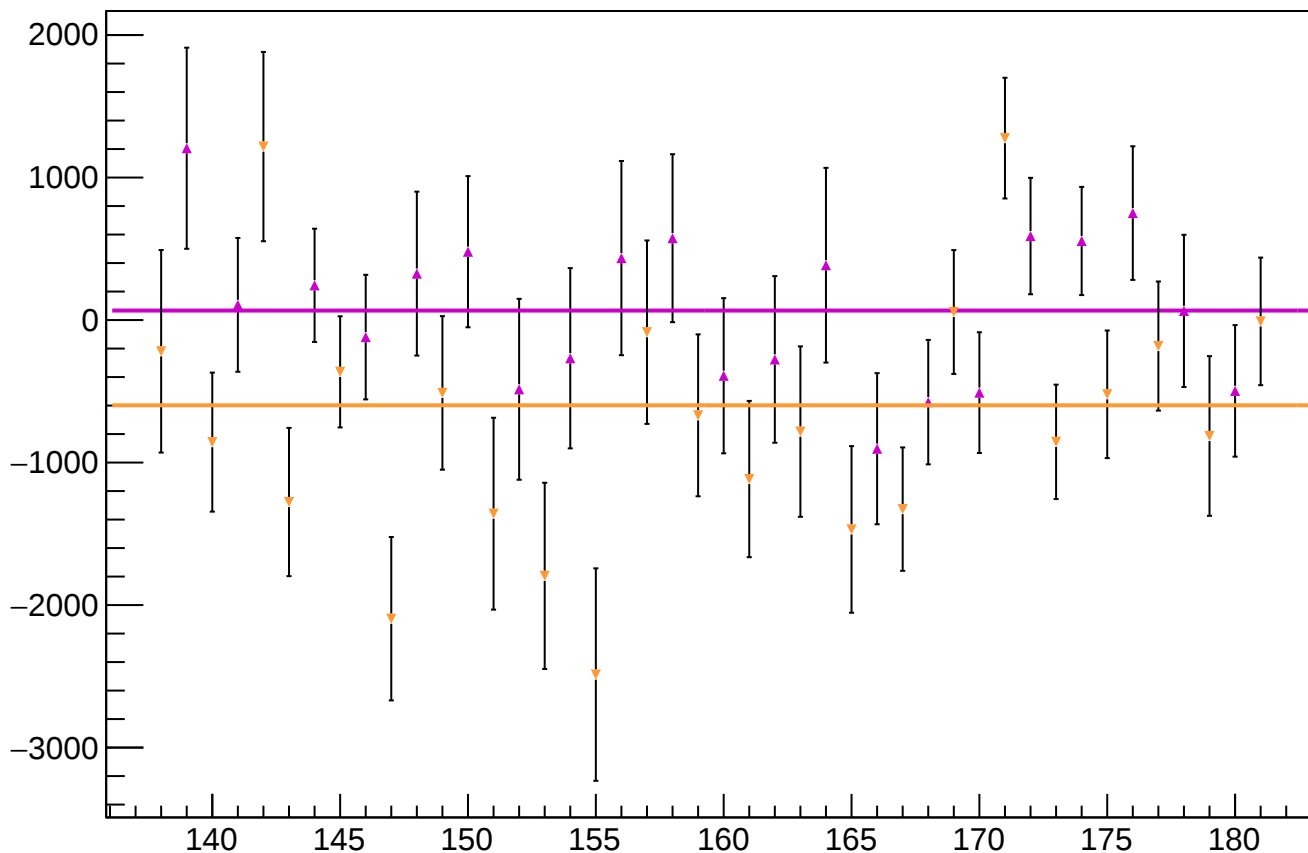
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Out: 443.824+/-0.076 χ^2/NDF :1156166.5/22

All: 442.354+/-0.054 χ^2/NDF : 2166806.1/43

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -598.058 $\pm$ 107.473 χ^2 /NDF:59.7/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 66.709 $\pm$ 109.629 χ^2 /NDF:21.4/20

Left: -272.276 $\pm$ 76.746 χ^2 /NDF: 99.9/43

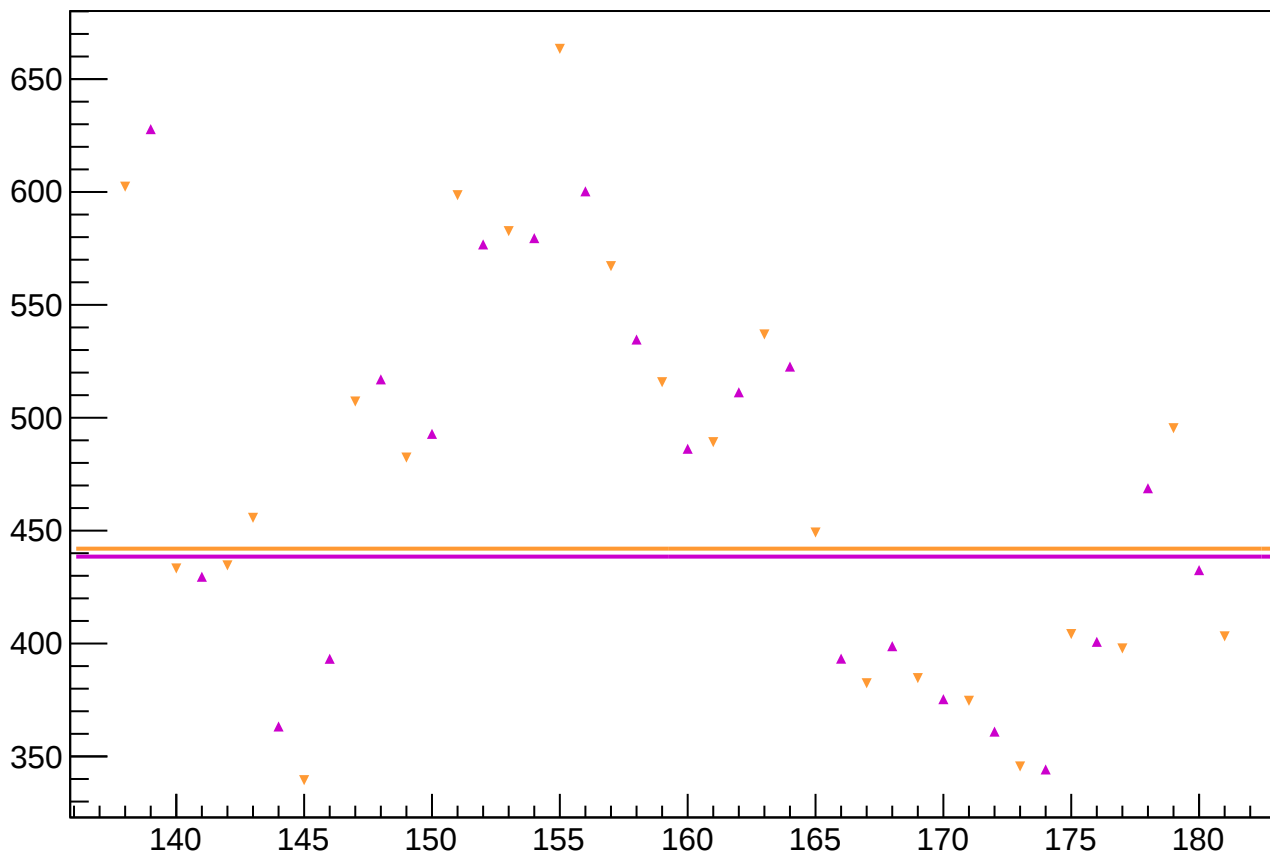
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 66.709 $\pm$ 109.629 χ^2 /NDF:21.4/20

Out: -598.058 $\pm$ 107.473 χ^2 /NDF:59.7/22

All: -272.276 $\pm$ 76.746 χ^2 /NDF: 99.9/43

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Left: 440.292+/-0.054 χ^2/NDF : 2161858.6/43

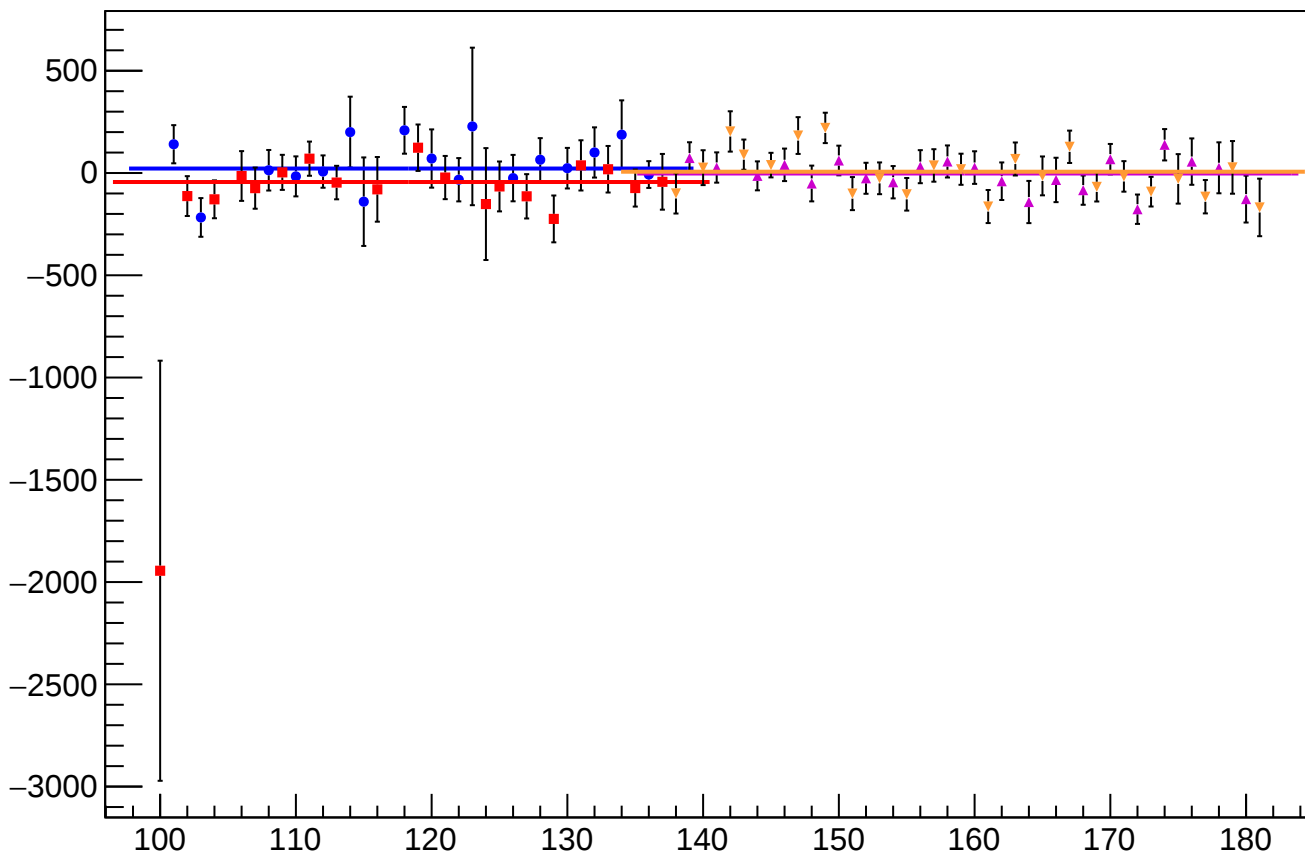
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

All: 440.292+/-0.054 χ^2/NDF : 2161858.6/43

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: 6.380 ± 17.177 $\chi^2/\text{NDF}: 37.3/22$

Right Out: -43.953 ± 25.108 $\chi^2/\text{NDF}: 13.3/18$

Left In: -2.380 ± 17.983 $\chi^2/\text{NDF}: 18.8/20$

Left: 2.201 ± 12.421 $\chi^2/\text{NDF}: 56.2/43$

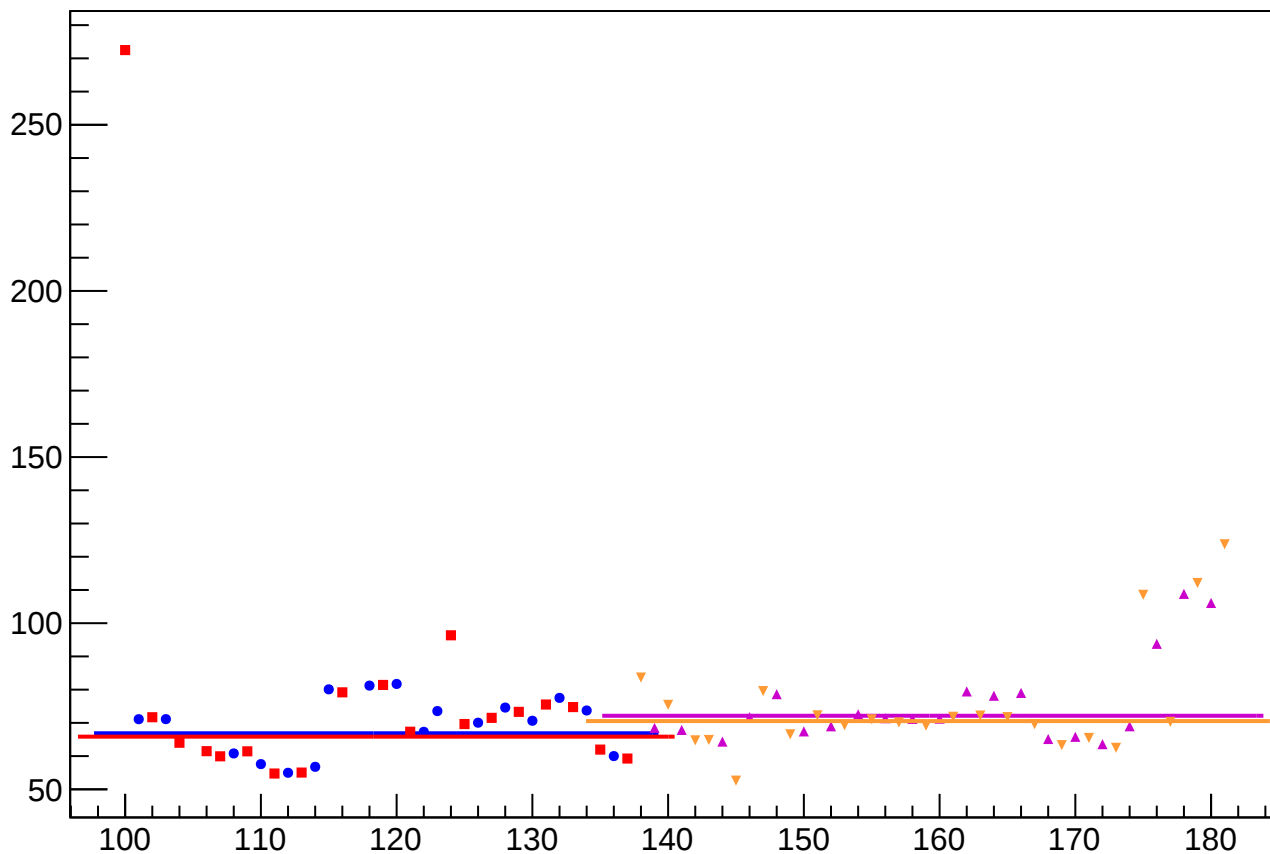
Right: -12.241 ± 18.080 $\chi^2/\text{NDF}: 31.7/35$

In: 5.457 ± 14.800 $\chi^2/\text{NDF}: 34.5/37$

Out: -9.666 ± 14.177 $\chi^2/\text{NDF}: 53.3/41$

All: -2.430 ± 10.238 $\chi^2/\text{NDF}: 88.3/79$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 70.535 ± 0.012 χ^2/NDF : 1015396.0/22

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 72.142 ± 0.013 χ^2/NDF : 573606.1/20

Left: 71.302 ± 0.009 χ^2/NDF : 1597355.3/43

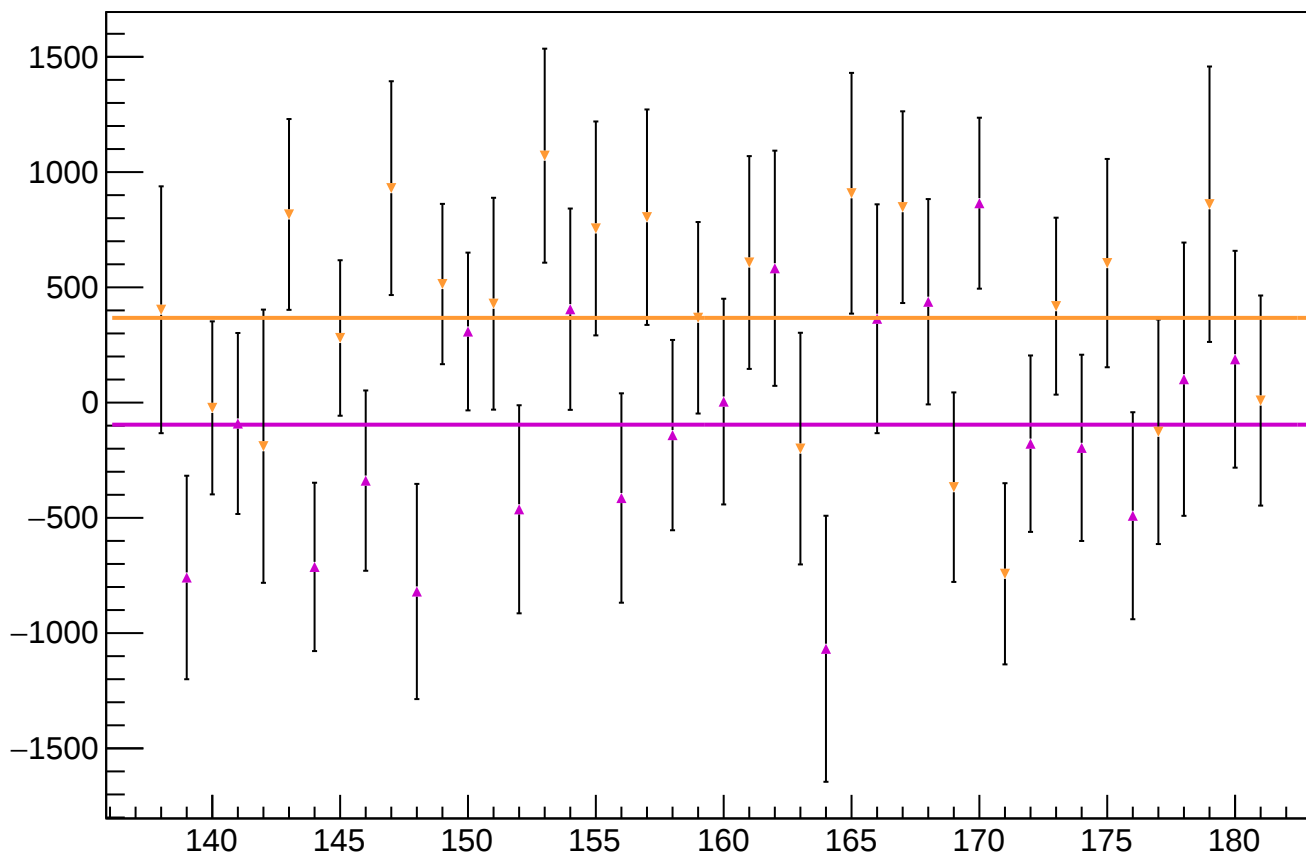
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 70.442 ± 0.010 χ^2/NDF : 831545.8/37

Out: 69.043 ± 0.010 χ^2/NDF : 1362620.5/41

All: 69.712 ± 0.007 χ^2/NDF : 2203485.6/79

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: 367.548+/-91.526 χ^2/NDF :26.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -95.760+/-94.004 χ^2/NDF :26.8/20

Left: 142.081+/-65.577 χ^2/NDF : 65.8/43

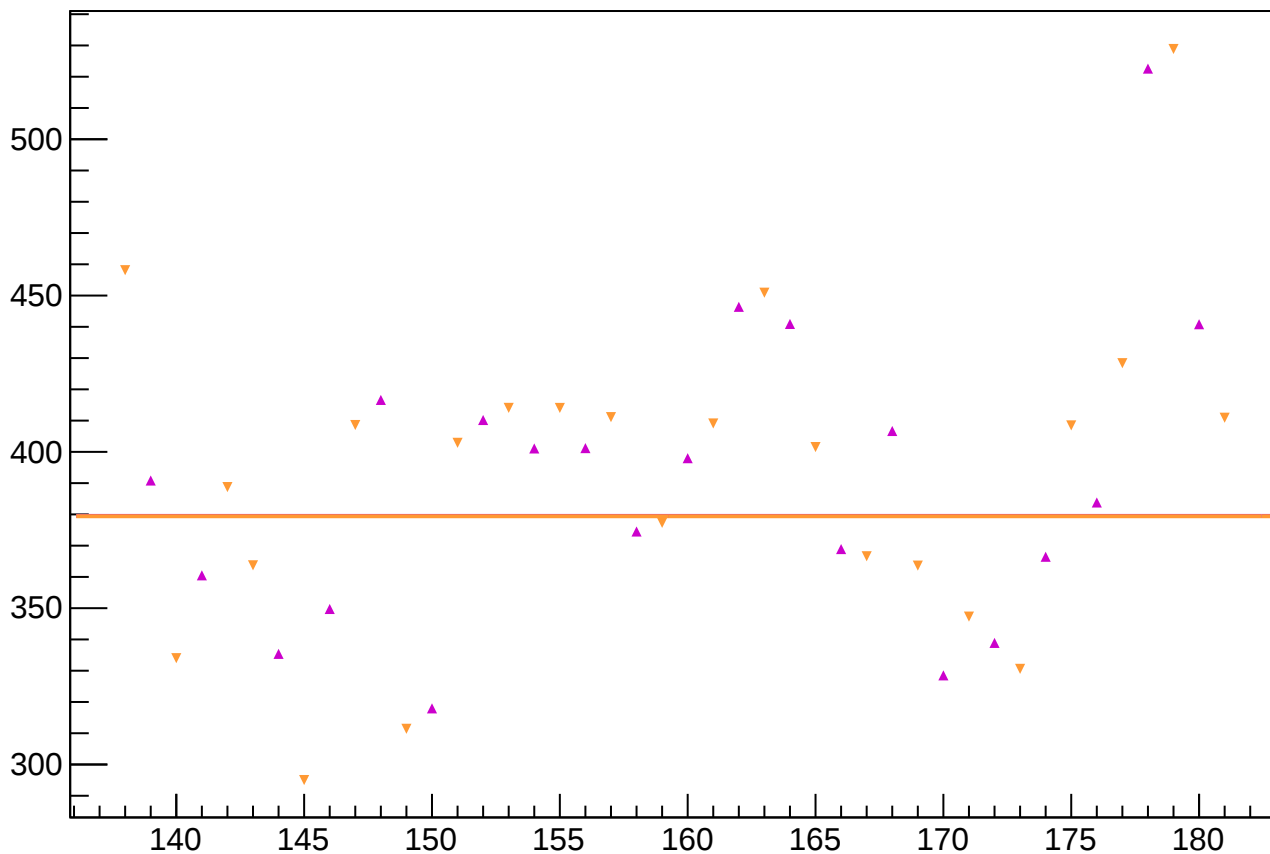
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.760+/-94.004 χ^2/NDF :26.8/20

Out: 367.548+/-91.526 χ^2/NDF :26.5/22

All: 142.081+/-65.577 χ^2/NDF : 65.8/43

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: 379.414+/-0.065 χ^2/NDF :588223.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Left: 379.460+/-0.046 χ^2/NDF : 1013289.4/43

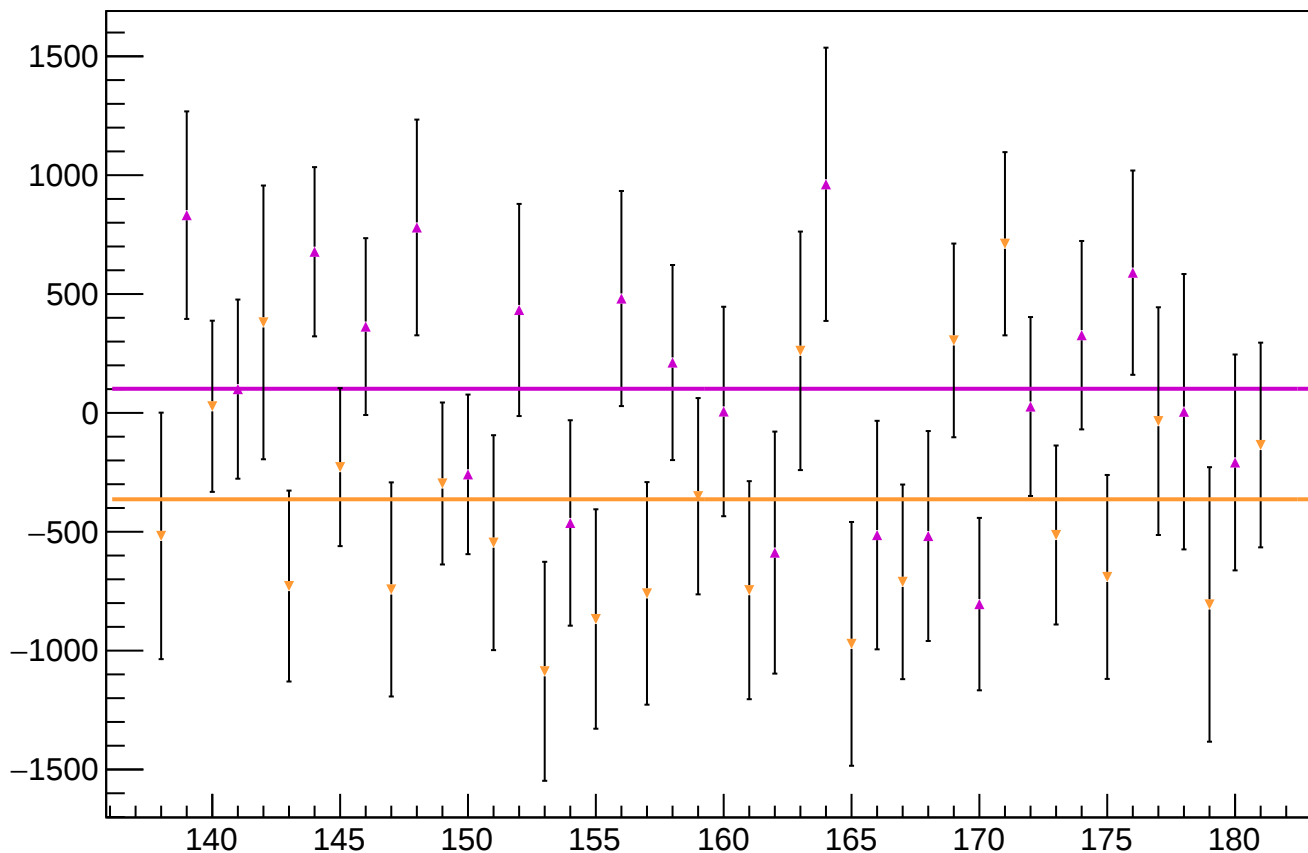
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Out: 379.414+/-0.065 χ^2/NDF :588223.6/22

All: 379.460+/-0.046 χ^2/NDF : 1013289.4/43

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -363.373+/-89.627 χ^2/NDF :26.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 101.523+/-92.007 χ^2/NDF :28.5/20

Left: -137.017+/-64.201 χ^2/NDF : 67.7/43

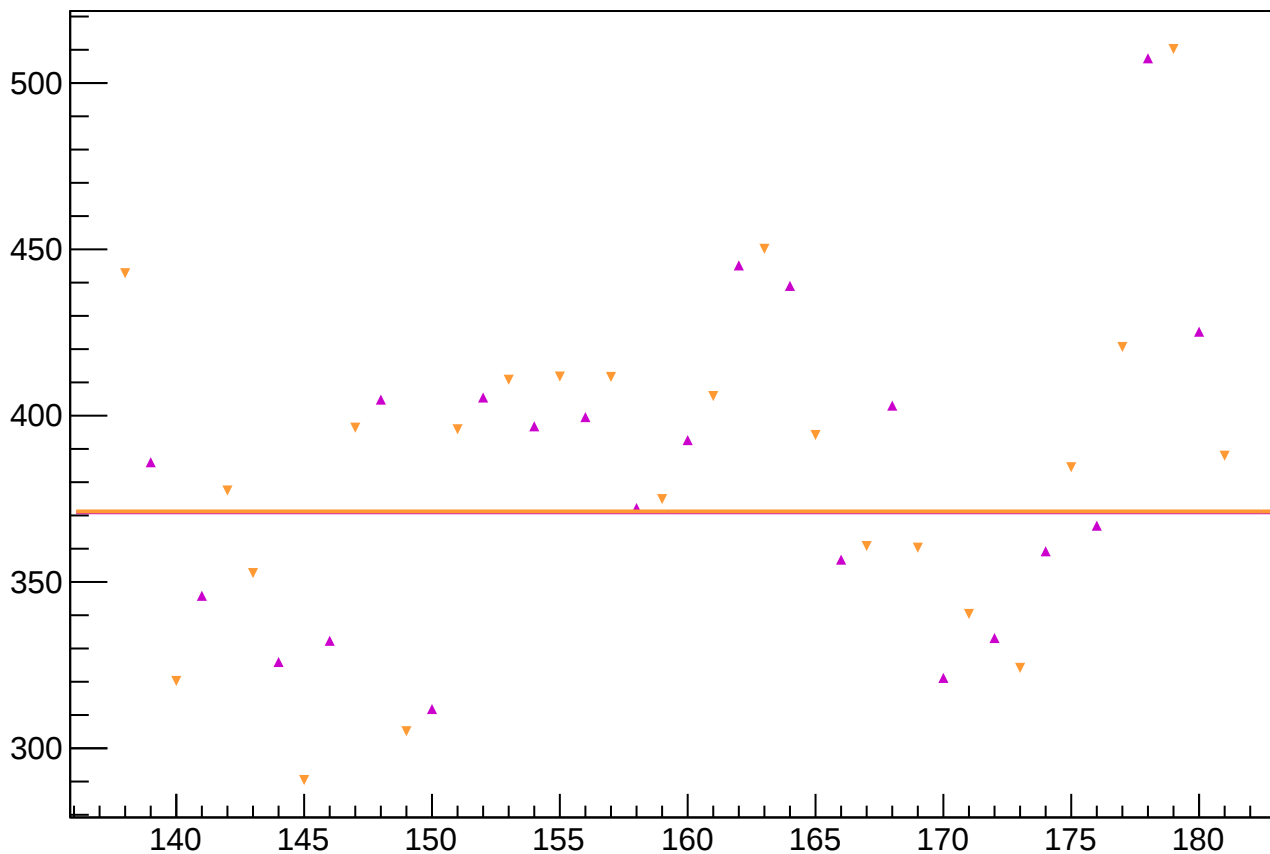
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.523+/-92.007 χ^2/NDF :28.5/20

Out: -363.373+/-89.627 χ^2/NDF :26.1/22

All: -137.017+/-64.201 χ^2/NDF : 67.7/43

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.197+/-0.063 χ^2/NDF : 587519.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 370.968+/-0.065 χ^2/NDF : 452432.0/20

Left: 371.085+/-0.045 χ^2/NDF : 1039957.7/43

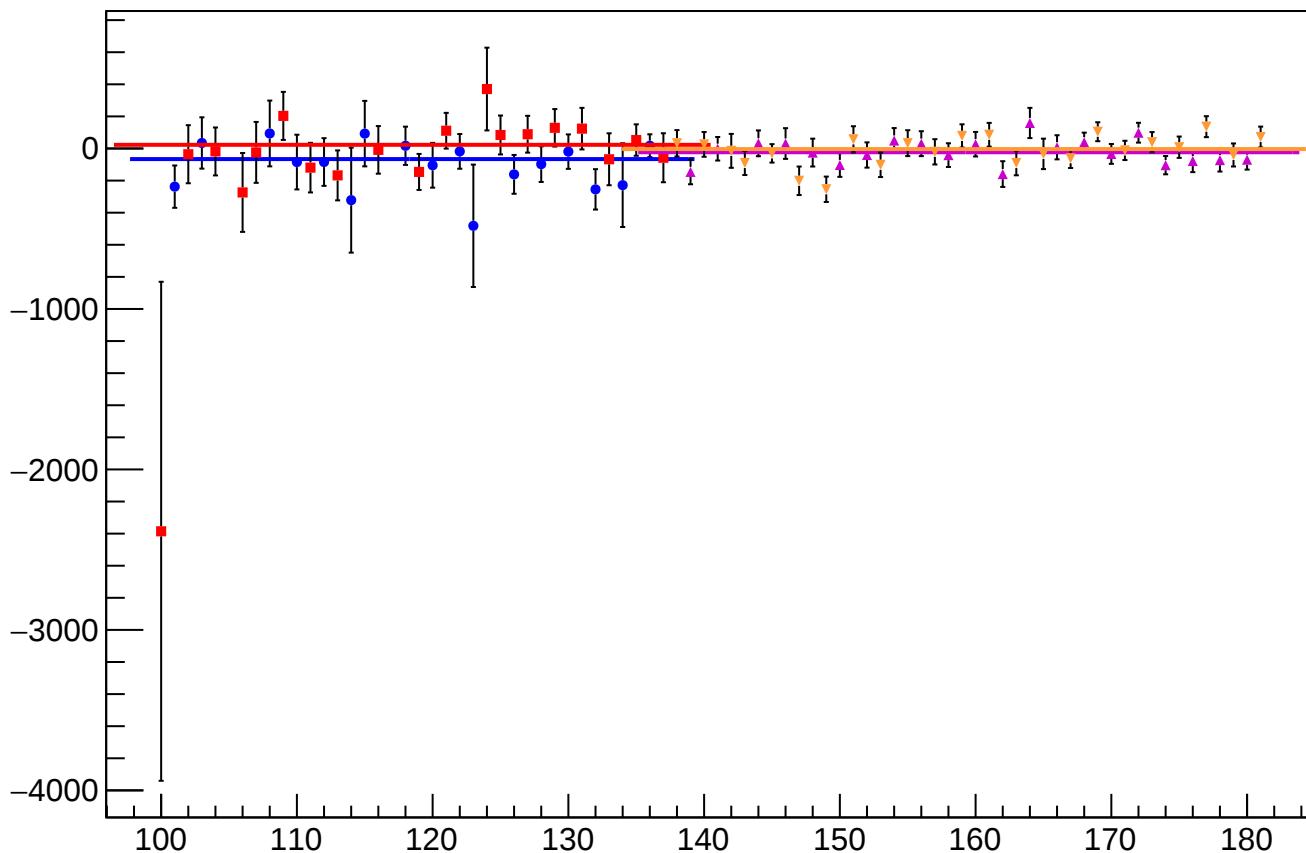
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.968+/-0.065 χ^2/NDF : 452432.0/20

Out: 371.197+/-0.063 χ^2/NDF : 587519.3/22

All: 371.085+/-0.045 χ^2/NDF : 1039957.7/43

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: -3.676 ± 15.001 $\chi^2/\text{NDF}: 34.4/22$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -23.465 ± 15.815 $\chi^2/\text{NDF}: 21.9/20$

Left: -13.048 ± 10.884 $\chi^2/\text{NDF}: 57.1/43$

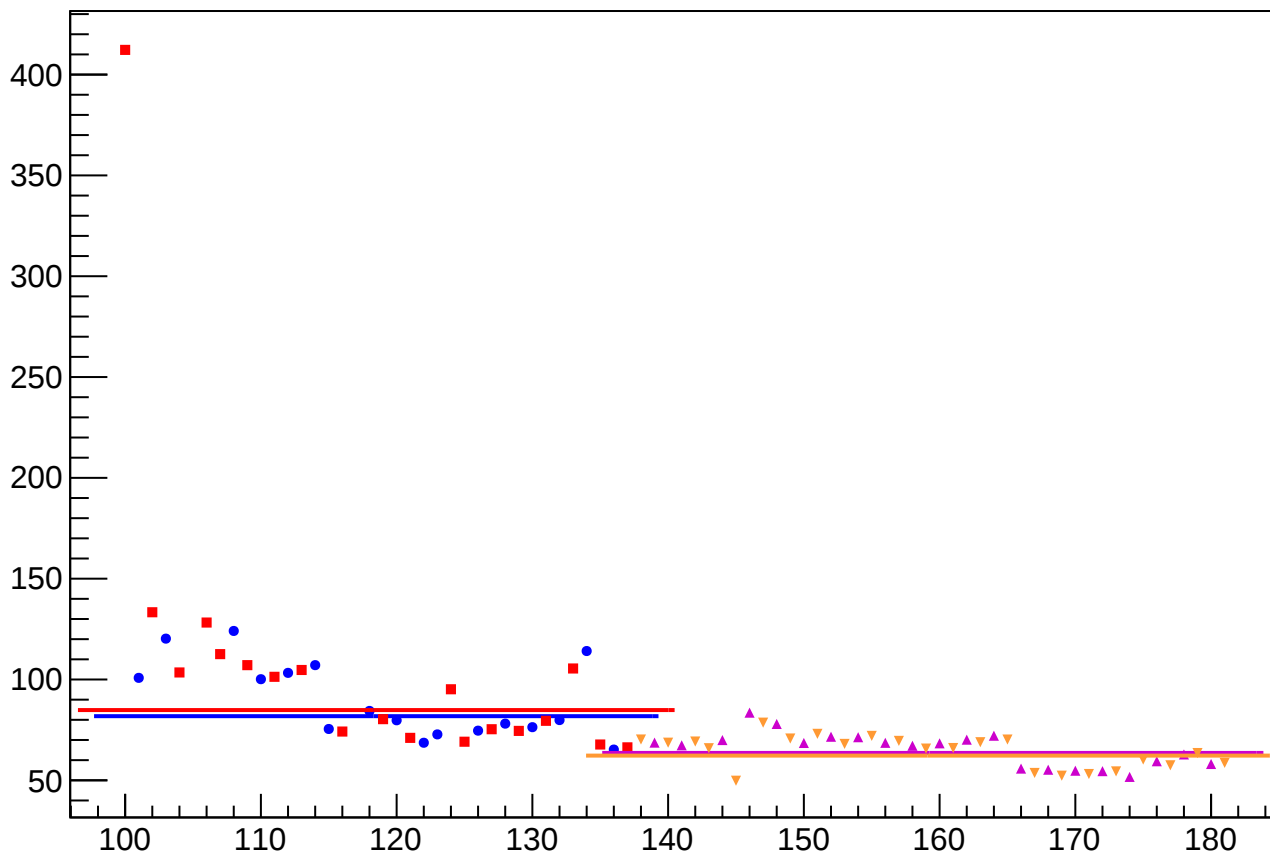
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -31.690 ± 14.203 $\chi^2/\text{NDF}: 34.1/37$

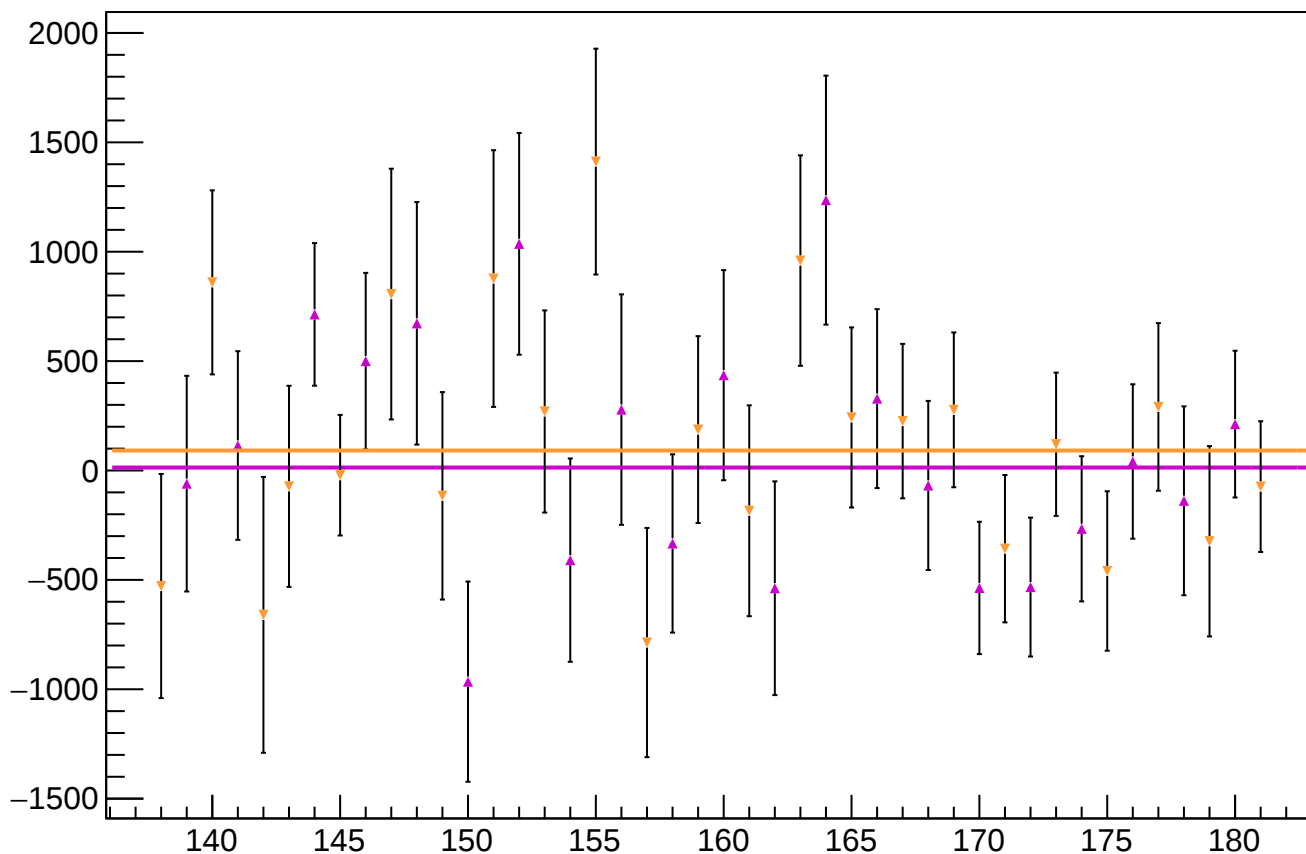
Out: 0.926 ± 13.640 $\chi^2/\text{NDF}: 50.3/41$

All: -14.723 ± 9.838 $\chi^2/\text{NDF}: 87.1/79$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 13.512 $\pm$ 88.483 χ^2 /NDF:32.8/20

Left: 53.819 $\pm$ 61.422 χ^2 /NDF: 62.5/43

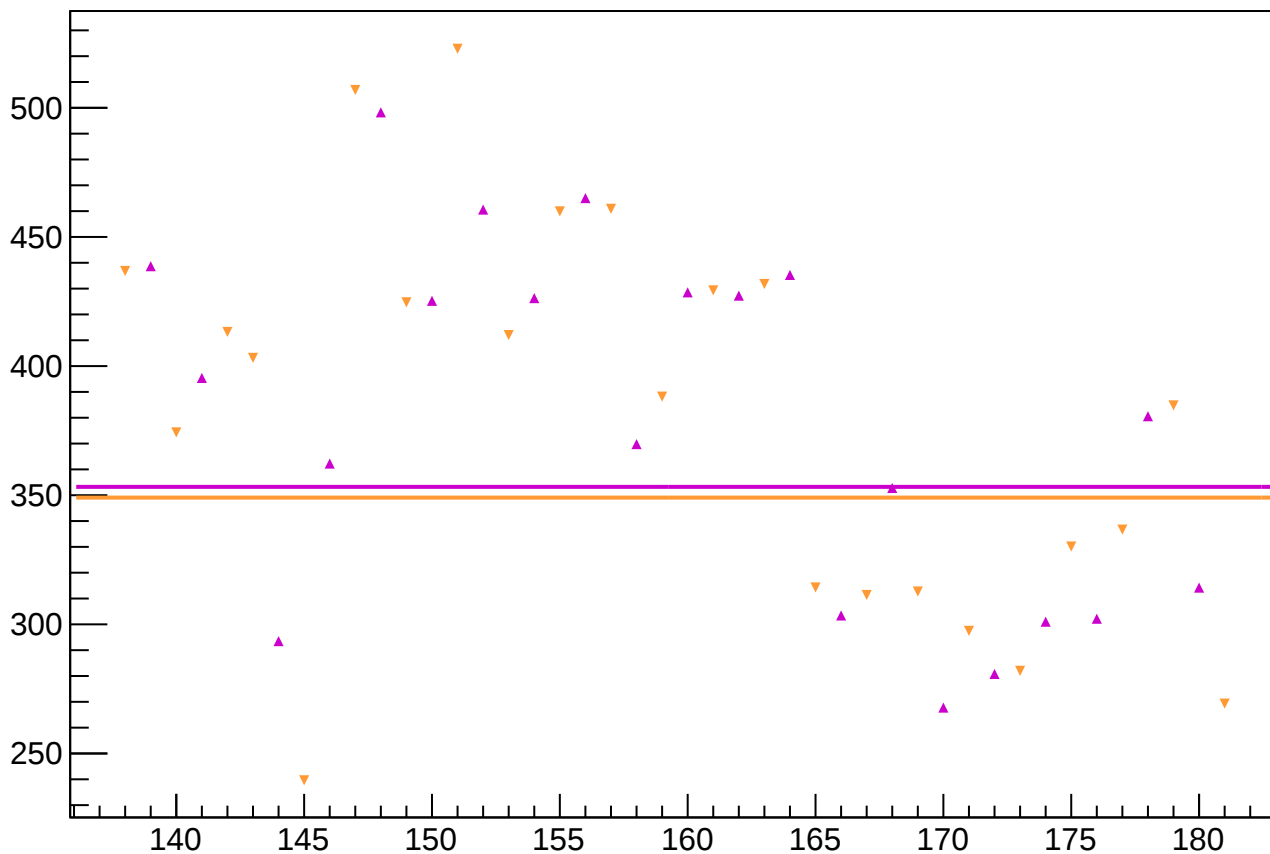
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.512 $\pm$ 88.483 χ^2 /NDF:32.8/20

Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

All: 53.819 $\pm$ 61.422 χ^2 /NDF: 62.5/43

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: 349.080+/-0.060 χ^2/NDF :1512055.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Left: 351.083+/-0.043 χ^2/NDF : 2637256.0/43

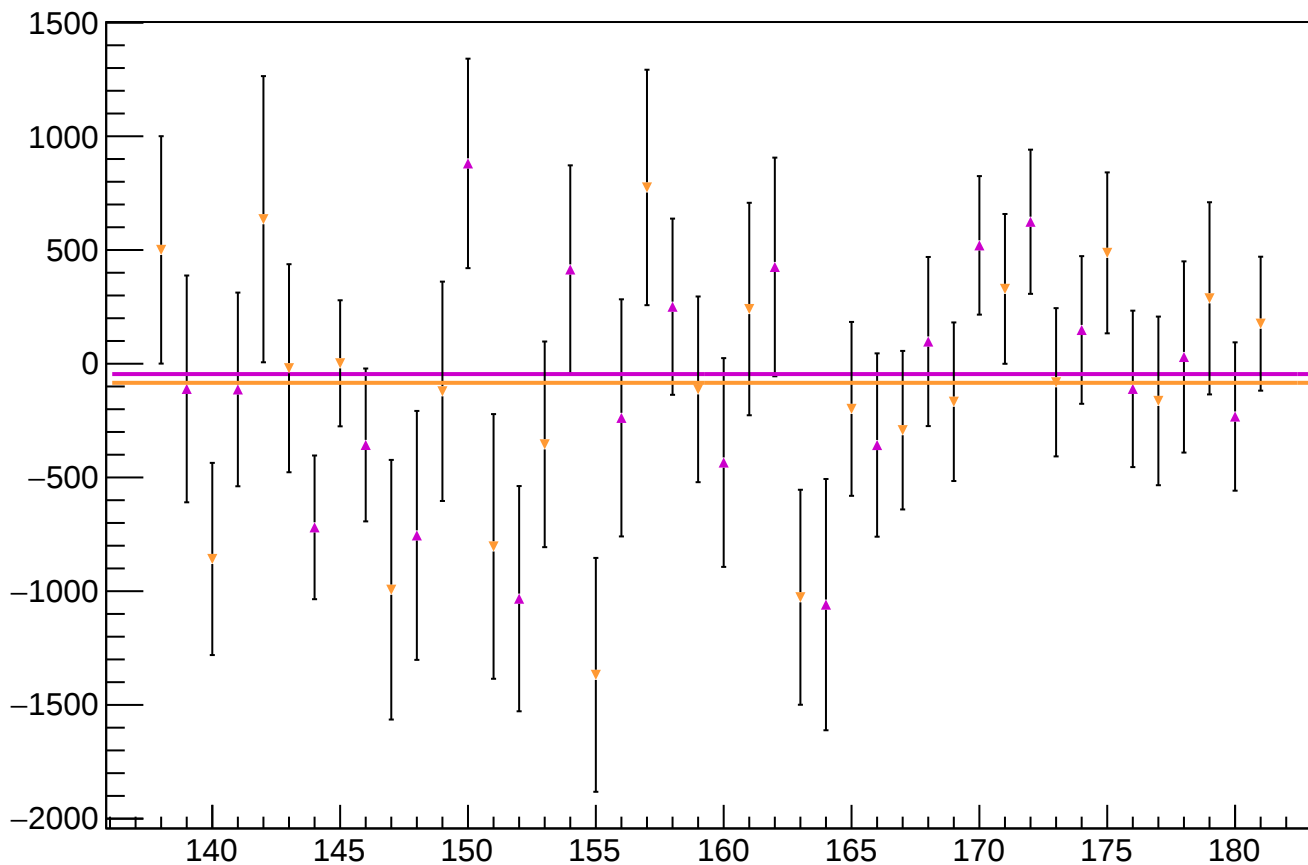
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Out: 349.080+/-0.060 χ^2/NDF :1512055.4/22

All: 351.083+/-0.043 χ^2/NDF : 2637256.0/43

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -83.937 ± 83.892 $\chi^2/\text{NDF}: 30.3/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -45.505 ± 86.012 $\chi^2/\text{NDF}: 31.3/20$

Left: -65.201 ± 60.056 $\chi^2/\text{NDF}: 61.8/43$

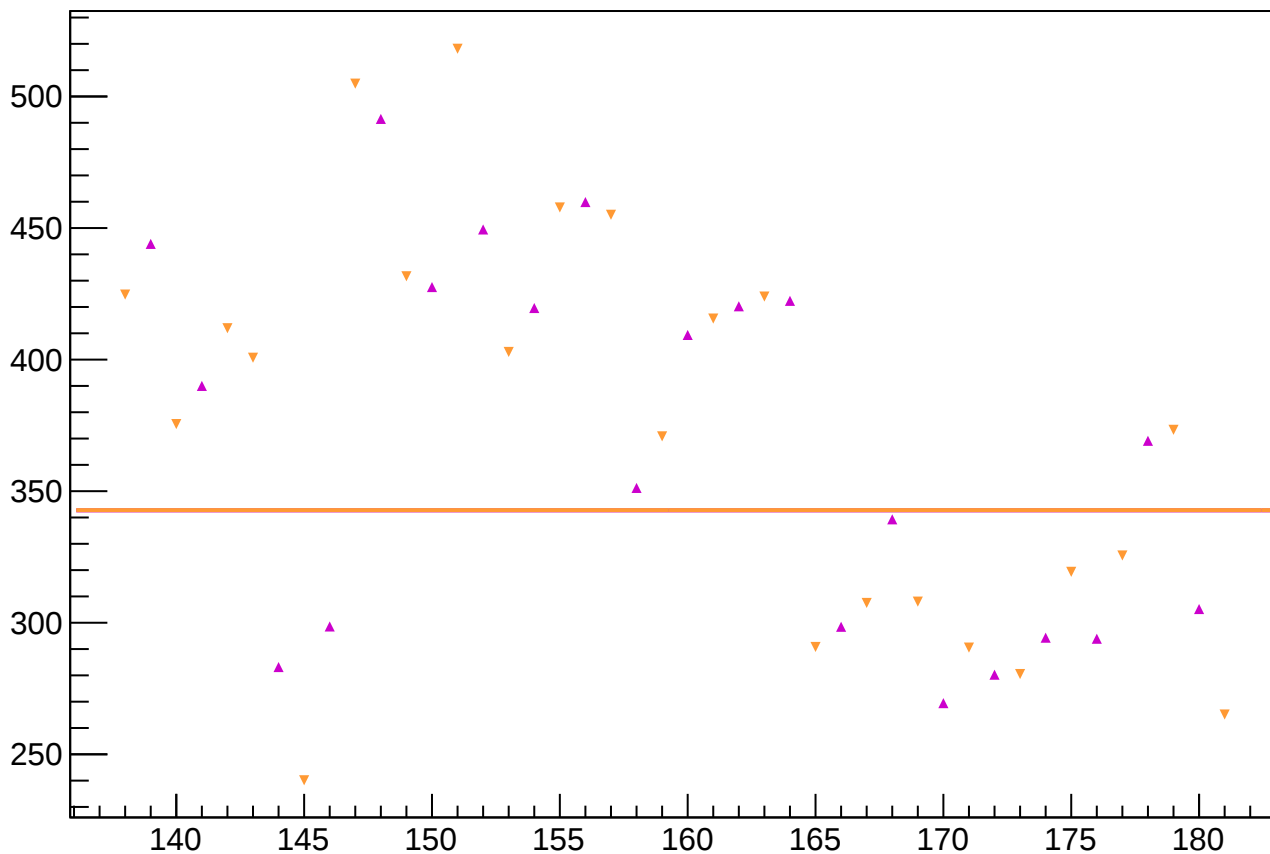
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -45.505 ± 86.012 $\chi^2/\text{NDF}: 31.3/20$

Out: -83.937 ± 83.892 $\chi^2/\text{NDF}: 30.3/22$

All: -65.201 ± 60.056 $\chi^2/\text{NDF}: 61.8/43$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Left: 342.745+/-0.042 χ^2/NDF : 2669999.3/43

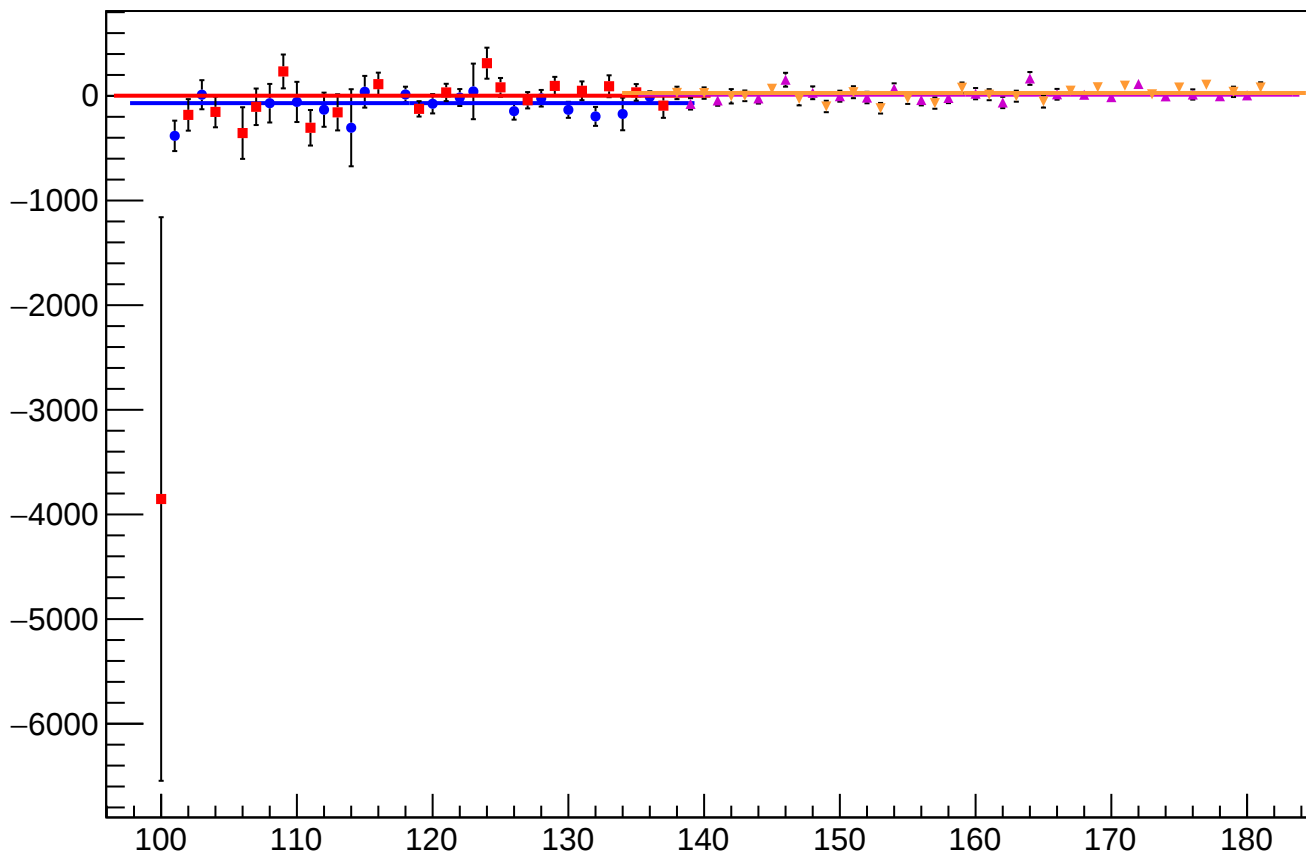
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

All: 342.745+/-0.042 χ^2/NDF : 2669999.3/43

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: 27.760 ± 10.271 χ^2/NDF : 34.9/22

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 11.357 ± 10.746 χ^2/NDF : 27.5/20

Left: 19.929 ± 7.425 χ^2/NDF : 63.6/43

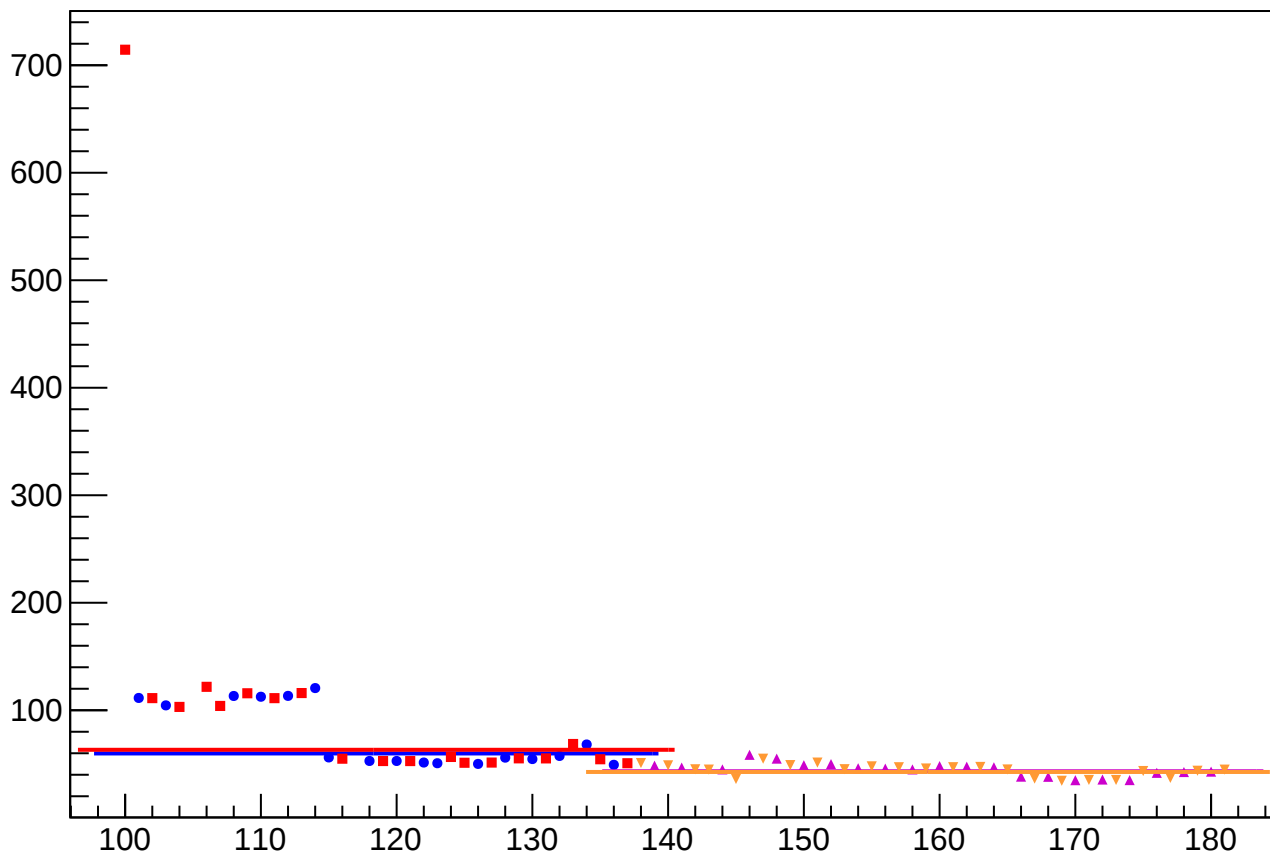
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -1.855 ± 9.826 χ^2/NDF : 50.2/37

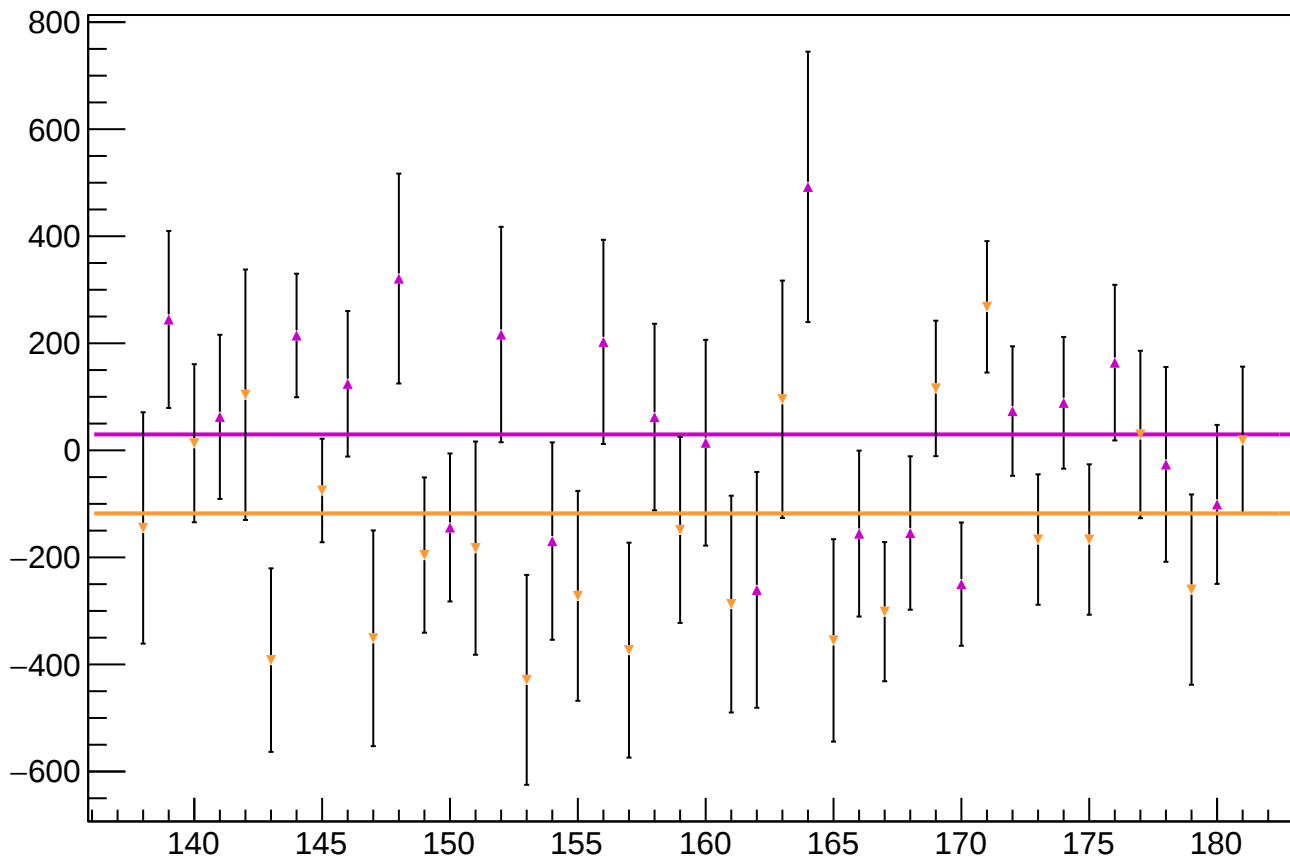
Out: 24.050 ± 9.511 χ^2/NDF : 61.6/41

All: 11.519 ± 6.834 χ^2/NDF : 115.4/79

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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: -117.747+/-32.654 χ^2/NDF :32.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.717+/-33.568 χ^2/NDF :27.6/20

Left: -46.048+/-23.406 χ^2/NDF : 69.8/43

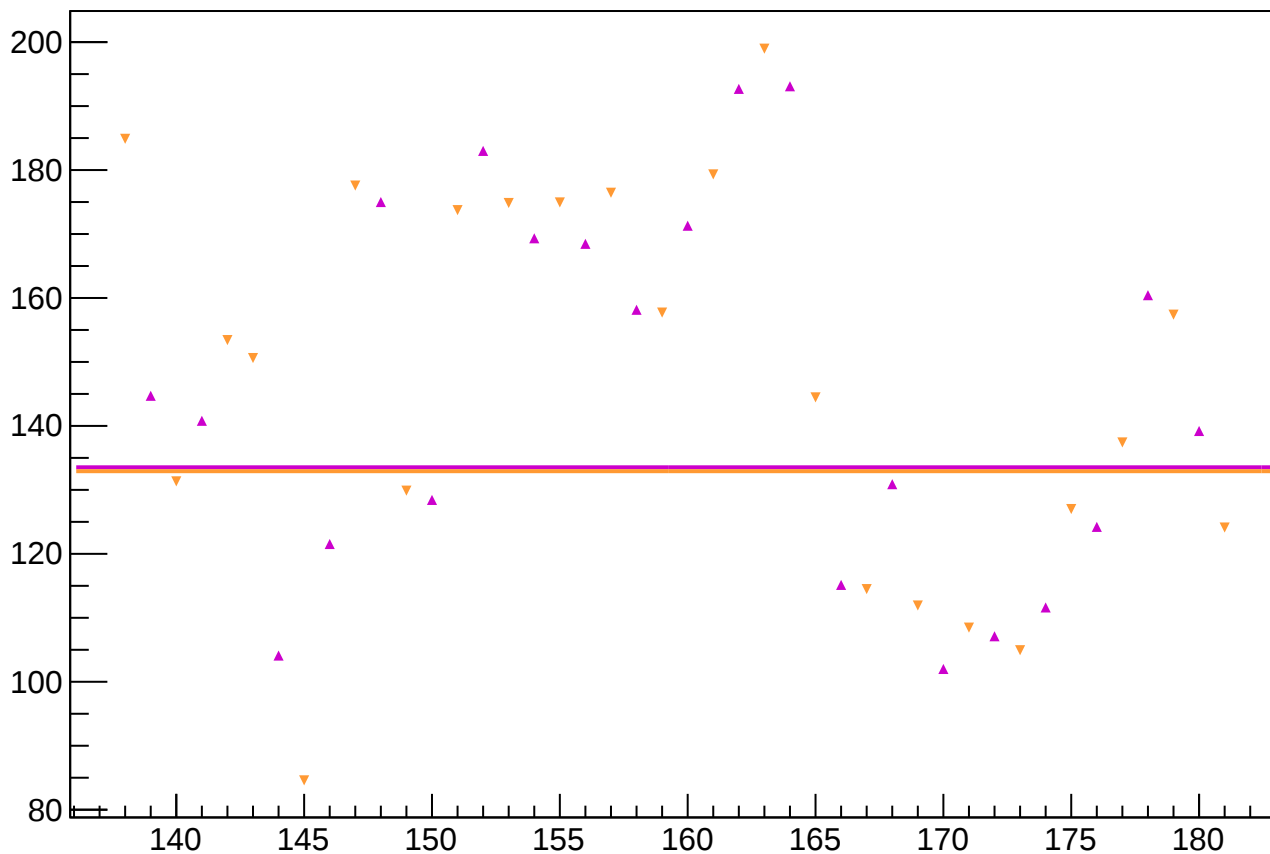
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.717+/-33.568 χ^2/NDF :27.6/20

Out: -117.747+/-32.654 χ^2/NDF :32.2/22

All: -46.048+/-23.406 χ^2/NDF : 69.8/43

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: 132.922+/-0.023 χ^2/NDF :1774349.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Left: 133.216+/-0.017 χ^2/NDF : 3054553.7/43

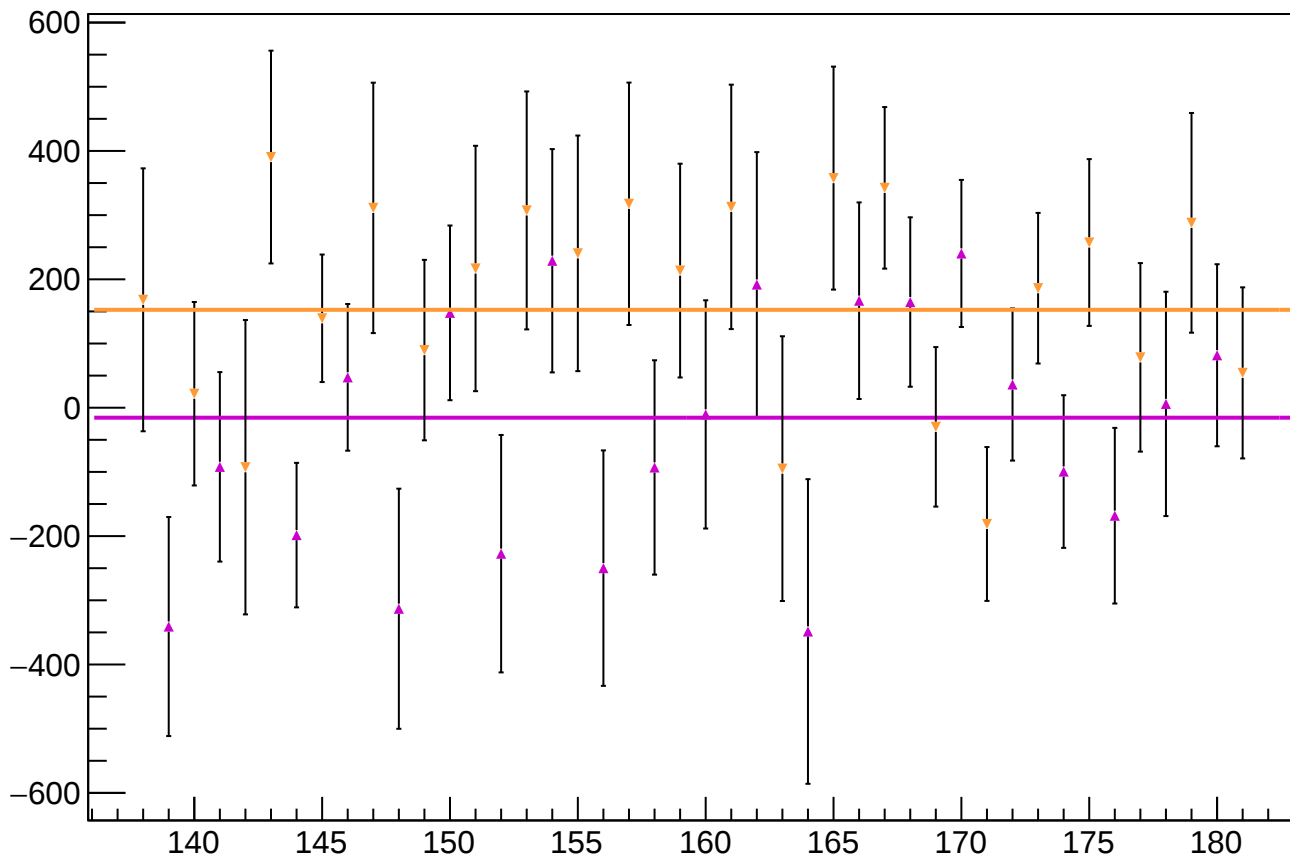
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Out: 132.922+/-0.023 χ^2/NDF :1774349.5/22

All: 133.216+/-0.017 χ^2/NDF : 3054553.7/43

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: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.543 $\pm$ 32.053 χ^2 /NDF:29.6/20

Left: 69.944 $\pm$ 22.469 χ^2 /NDF: 68.4/43

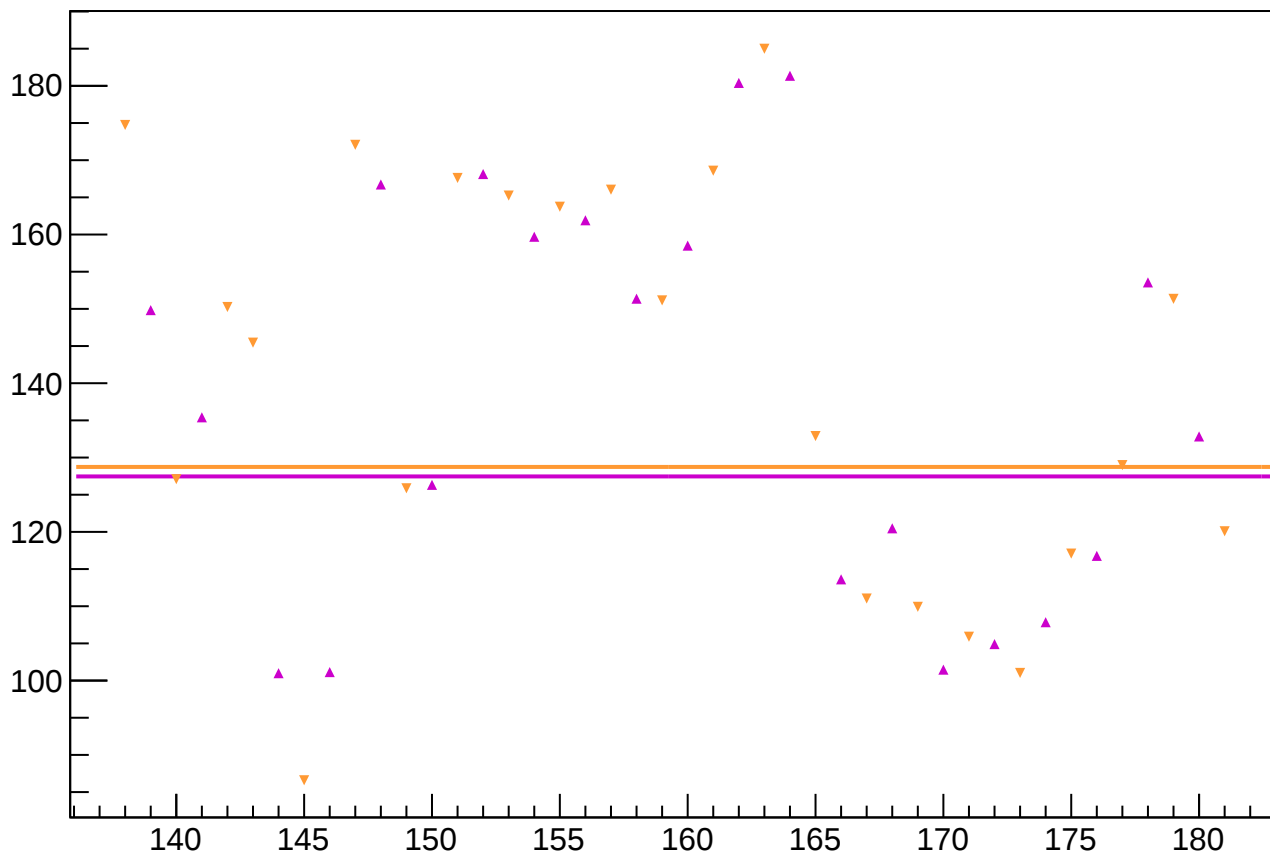
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.543 $\pm$ 32.053 χ^2 /NDF:29.6/20

Out: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

All: 69.944 $\pm$ 22.469 χ^2 /NDF: 68.4/43

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.461+/-0.023 χ^2/NDF :1229672.4/20

Left: 128.111+/-0.016 χ^2/NDF : 2744242.7/43

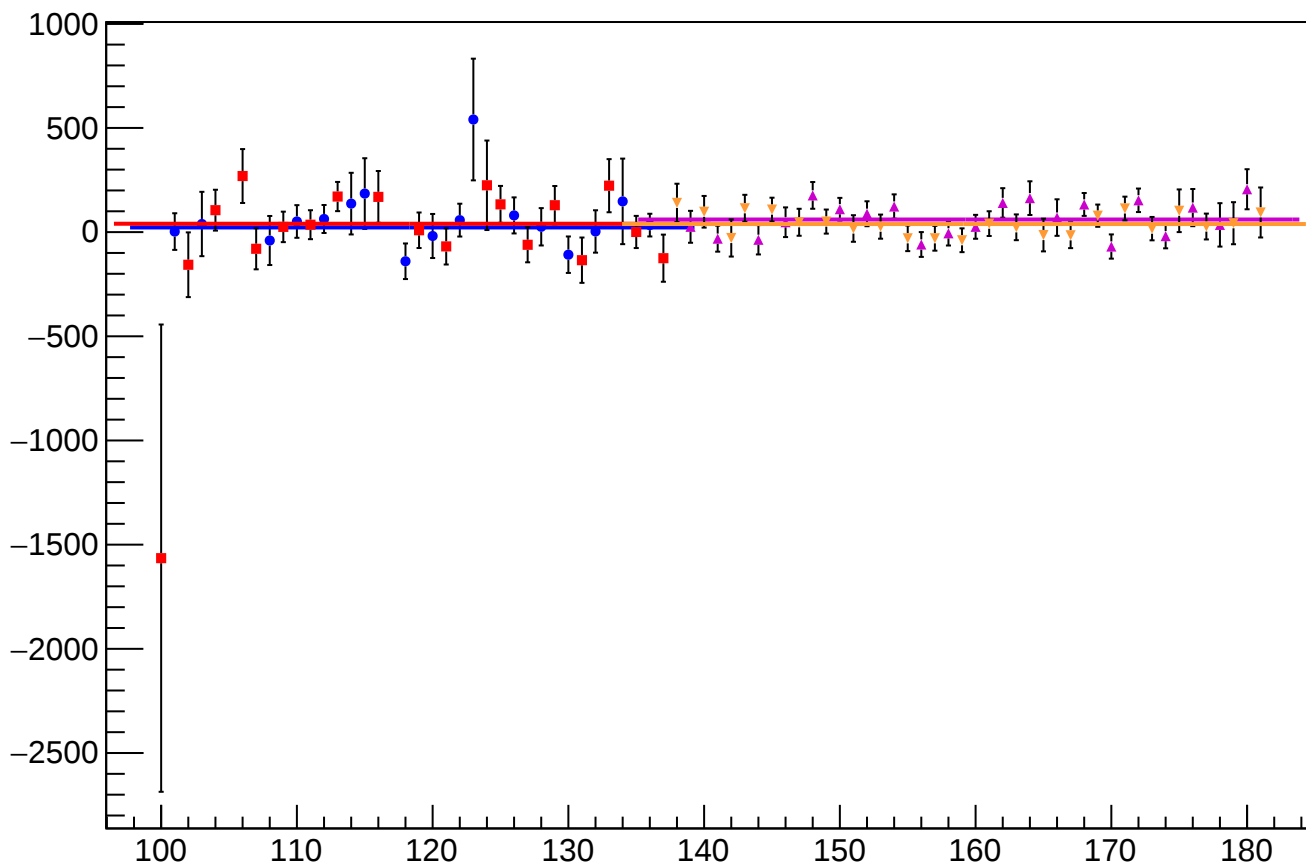
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.461+/-0.023 χ^2/NDF :1229672.4/20

Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

All: 128.111+/-0.016 χ^2/NDF : 2744242.7/43

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 38.778+/-13.639 χ^2/NDF : 14.3/22

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 60.528+/-14.284 χ^2/NDF : 32.3/20

Left: 49.151+/-9.864 χ^2/NDF : 47.8/43

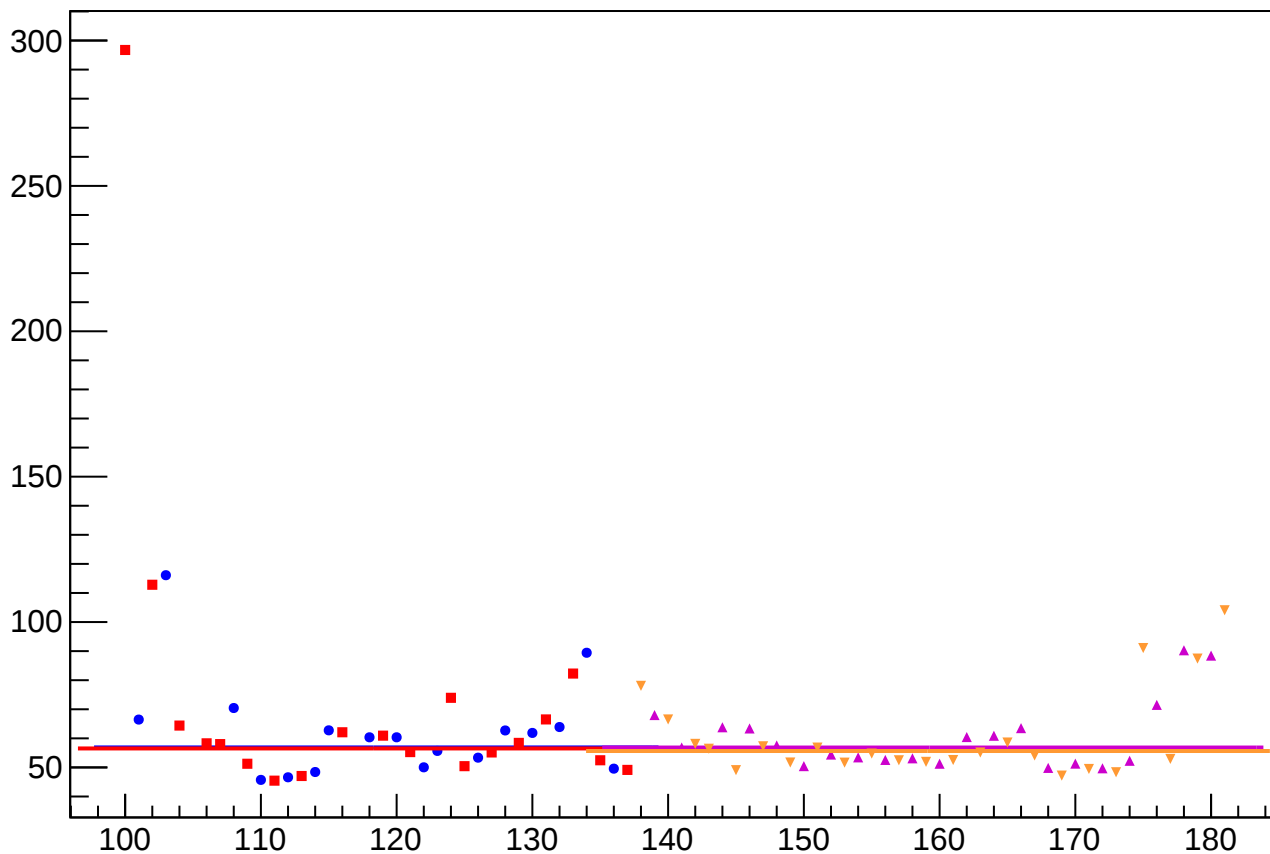
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 49.651+/-12.078 χ^2/NDF : 47.0/37

Out: 39.181+/-11.611 χ^2/NDF : 40.5/41

All: 44.210+/-8.371 χ^2/NDF : 87.9/79

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: 55.649 $\pm$ 0.010 χ^2 /NDF: 1108158.4/22

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.842 $\pm$ 0.010 χ^2 /NDF: 747208.6/20

Left: 56.218 $\pm$ 0.007 χ^2 /NDF: 1862669.4/43

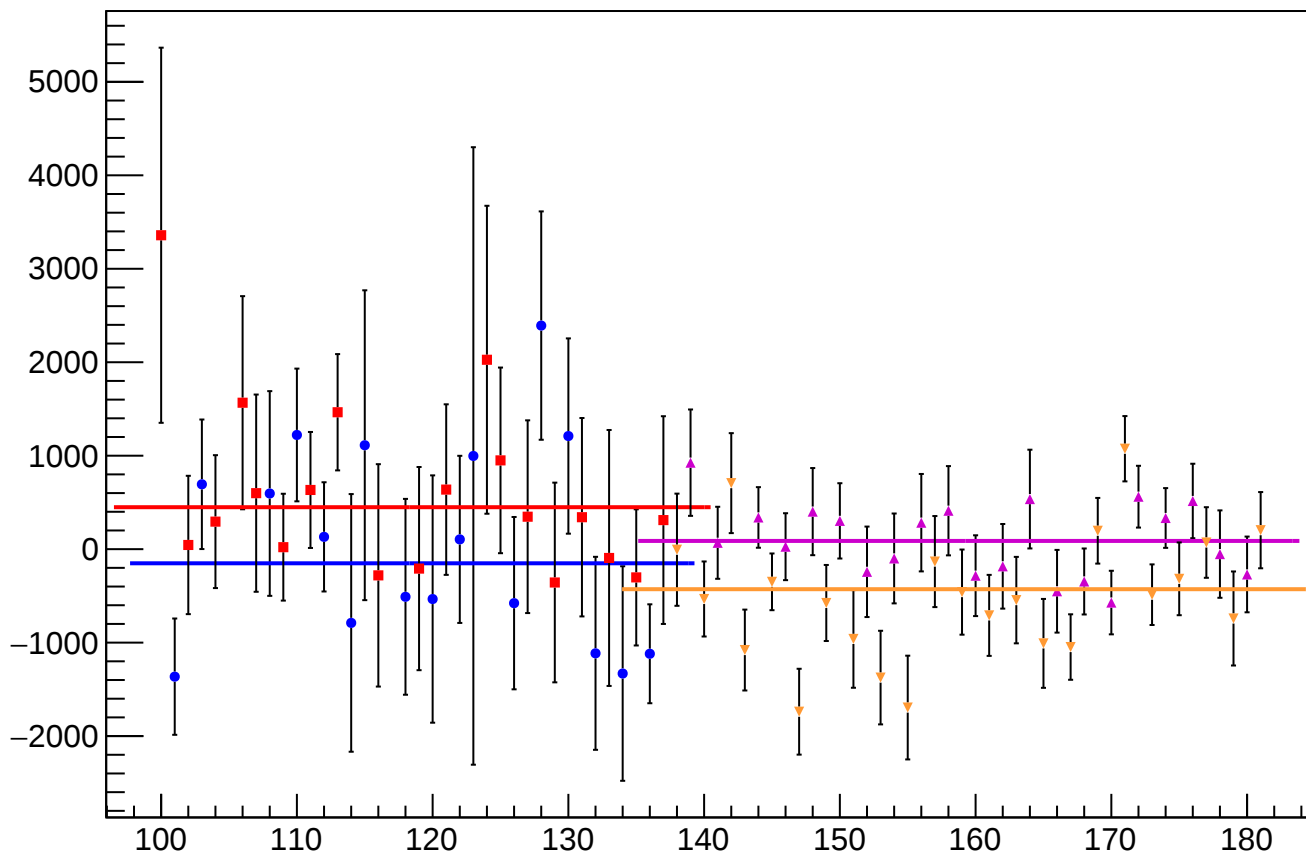
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.853 $\pm$ 0.009 χ^2 /NDF: 1322699.3/37

Out: 55.891 $\pm$ 0.008 χ^2 /NDF: 1722717.0/41

All: 56.353 $\pm$ 0.006 χ^2 /NDF: 3052008.8/79

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -428.363 $\pm$ 87.254 χ^2 /NDF: 57.3/22

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 88.045 $\pm$ 89.064 χ^2 /NDF: 18.0/20

Left: -175.461 $\pm$ 62.328 χ^2 /NDF: 92.4/43

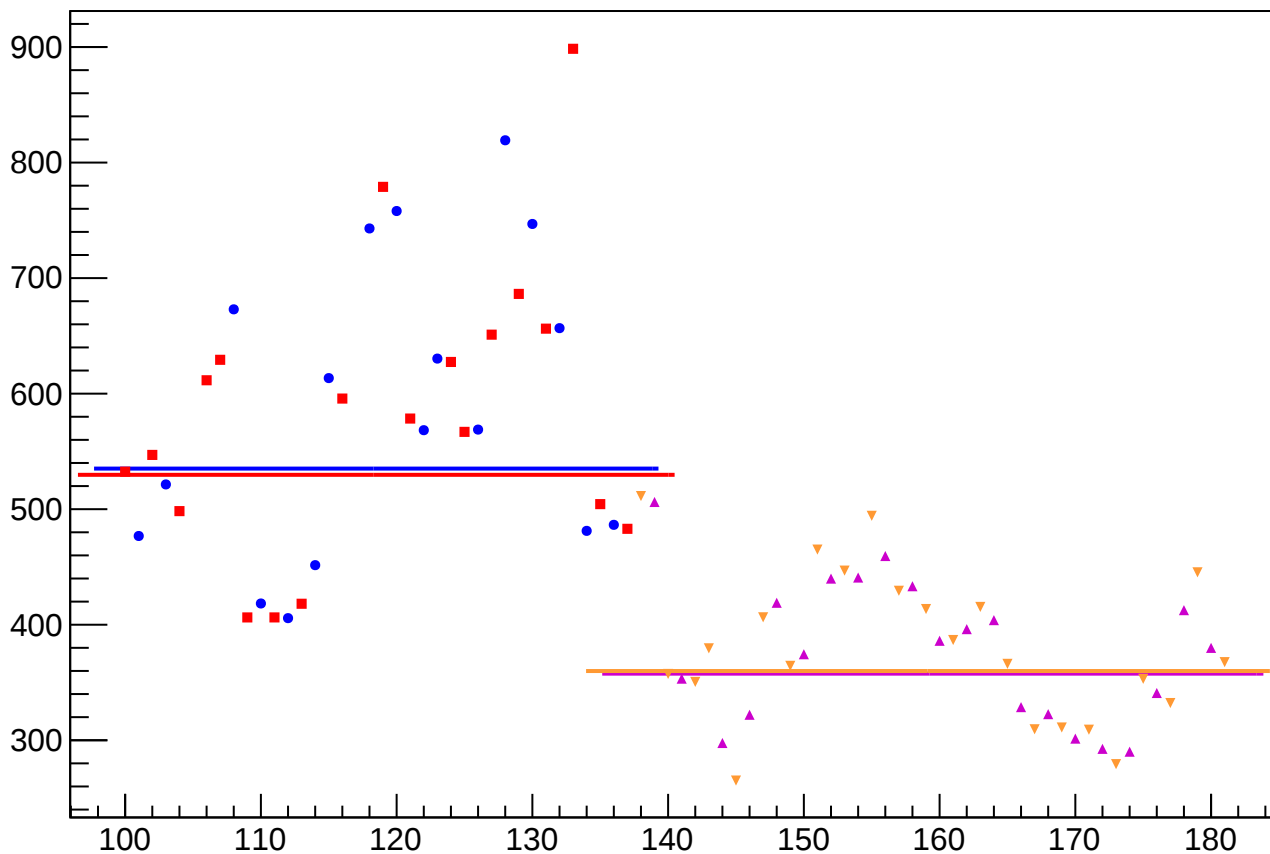
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 52.283 $\pm$ 82.138 χ^2 /NDF: 41.5/37

Out: -292.690 $\pm$ 80.224 χ^2 /NDF: 83.4/41

All: -124.271 $\pm$ 57.392 χ^2 /NDF: 134.0/79

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 359.916+/-0.062 χ^2/NDF : 1027441.0/22

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 357.661+/-0.063 χ^2/NDF : 832715.0/20

Left: 358.812+/-0.044 χ^2/NDF : 1860810.0/43

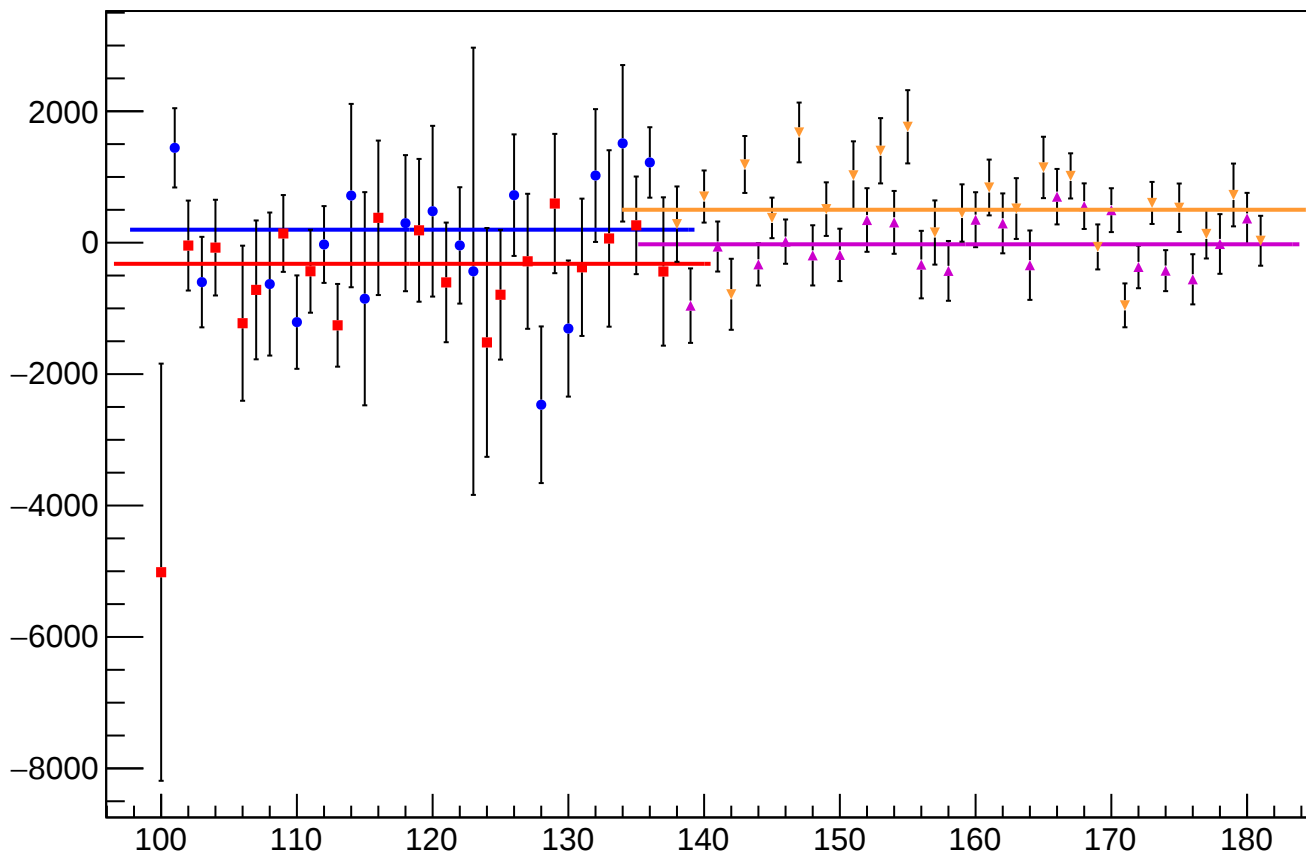
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 384.191+/-0.058 χ^2/NDF : 2615903.4/37

Out: 386.180+/-0.057 χ^2/NDF : 2845962.4/41

All: 385.209+/-0.041 χ^2/NDF : 5462466.4/79

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 ± 211.480 χ^2/NDF : 23.9/16

Left Out: 501.026 ± 85.644 χ^2/NDF : 54.7/22

Right Out: -321.565 ± 205.269 χ^2/NDF : 8.9/18

Left In: -24.430 ± 87.069 χ^2/NDF : 21.7/20

Left: 242.632 ± 61.057 χ^2/NDF : 95.0/43

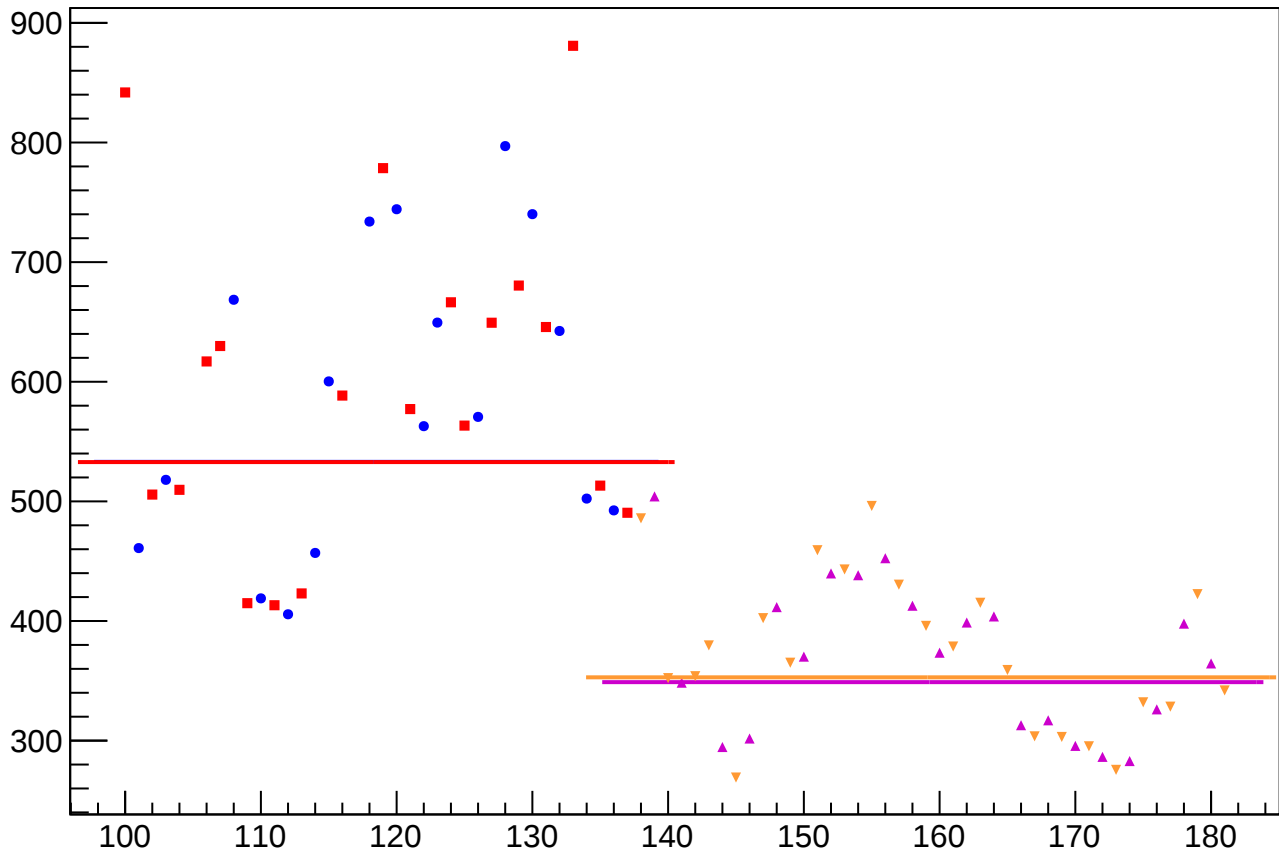
Right: -69.737 ± 147.294 χ^2/NDF : 35.9/35

In: 7.745 ± 80.512 χ^2/NDF : 46.6/37

Out: 379.061 ± 79.041 χ^2/NDF : 77.3/41

All: 196.827 ± 56.403 χ^2/NDF : 134.7/79

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.911+/-0.061 χ^2/NDF : 1003465.7/22

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 348.890+/-0.062 χ^2/NDF : 882487.6/20

Left: 350.933+/-0.043 χ^2/NDF : 1888121.3/43

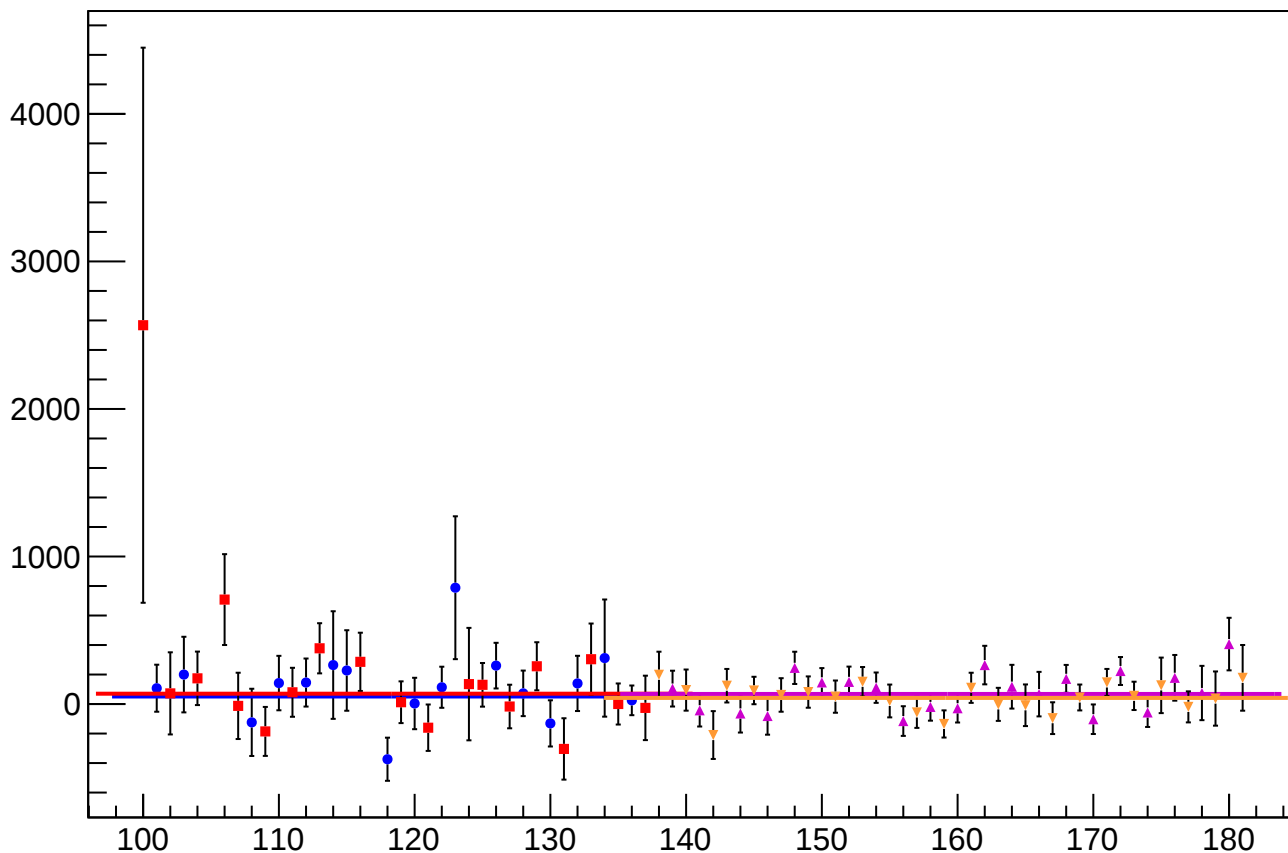
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 375.579+/-0.057 χ^2/NDF : 2745899.1/37

Out: 379.591+/-0.056 χ^2/NDF : 2929506.2/41

All: 377.622+/-0.040 χ^2/NDF : 5677934.6/79

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 41.410+/-23.559 χ^2/NDF :15.0/22

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 68.370+/-24.625 χ^2/NDF :27.7/20

Left: 54.294+/-17.023 χ^2/NDF : 43.3/43

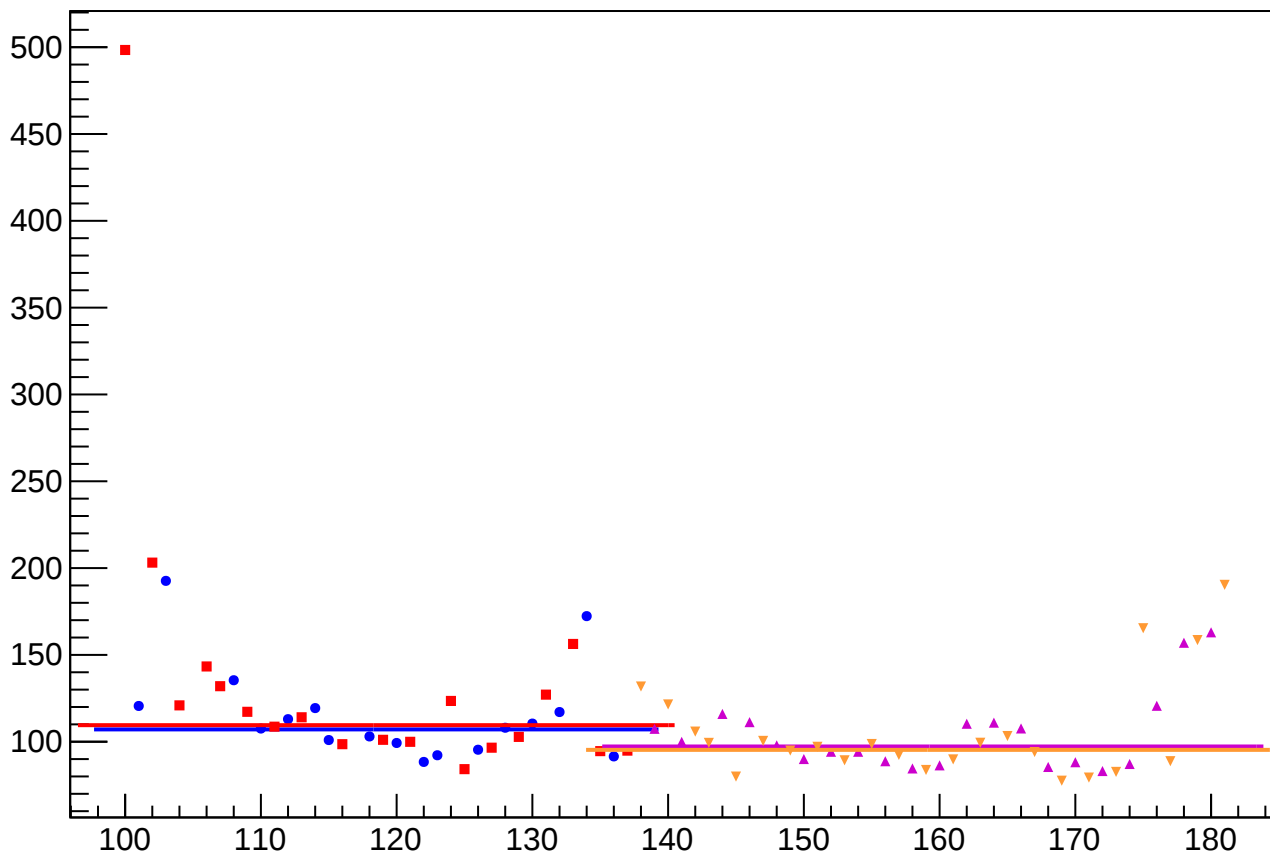
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 64.033+/-21.296 χ^2/NDF :45.2/37

Out: 48.076+/-20.638 χ^2/NDF :37.4/41

All: 55.804+/-14.820 χ^2/NDF : 83.0/79

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: 95.311 $\pm$ 0.017 χ^2/NDF :1370974.7/22

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 97.254 $\pm$ 0.017 χ^2/NDF :861904.4/20

Left: 96.239 $\pm$ 0.012 χ^2/NDF : 2239384.3/43

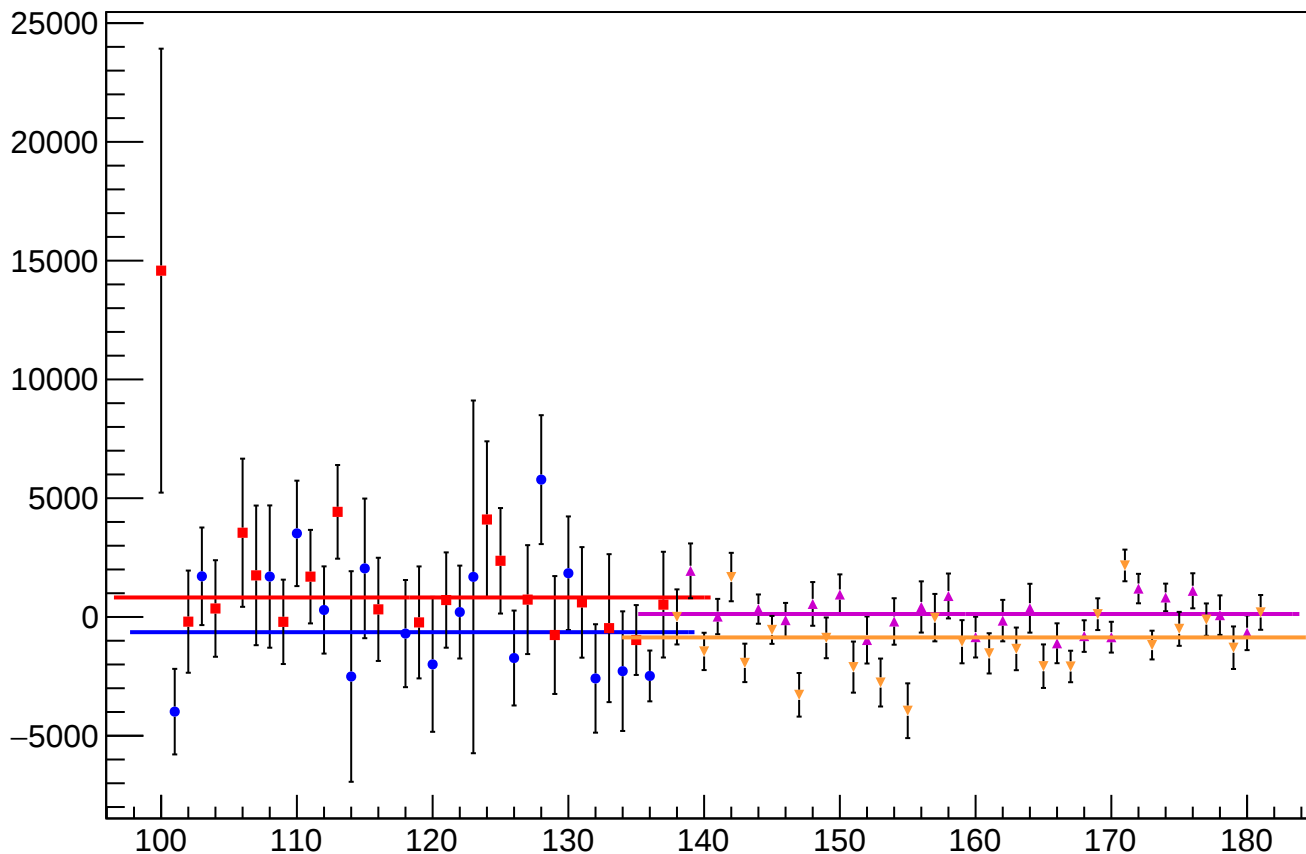
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 99.735 $\pm$ 0.015 χ^2/NDF :1380155.7/37

Out: 98.618 $\pm$ 0.015 χ^2/NDF :2131977.4/41

All: 99.159 $\pm$ 0.010 χ^2/NDF : 3514968.1/79

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -860.620 $\pm$ 167.431 χ^2 /NDF:62.0/22

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 125.340 $\pm$ 171.216 χ^2 /NDF:21.1/20

Left: -378.658 $\pm$ 119.707 χ^2 /NDF: 100.1/43

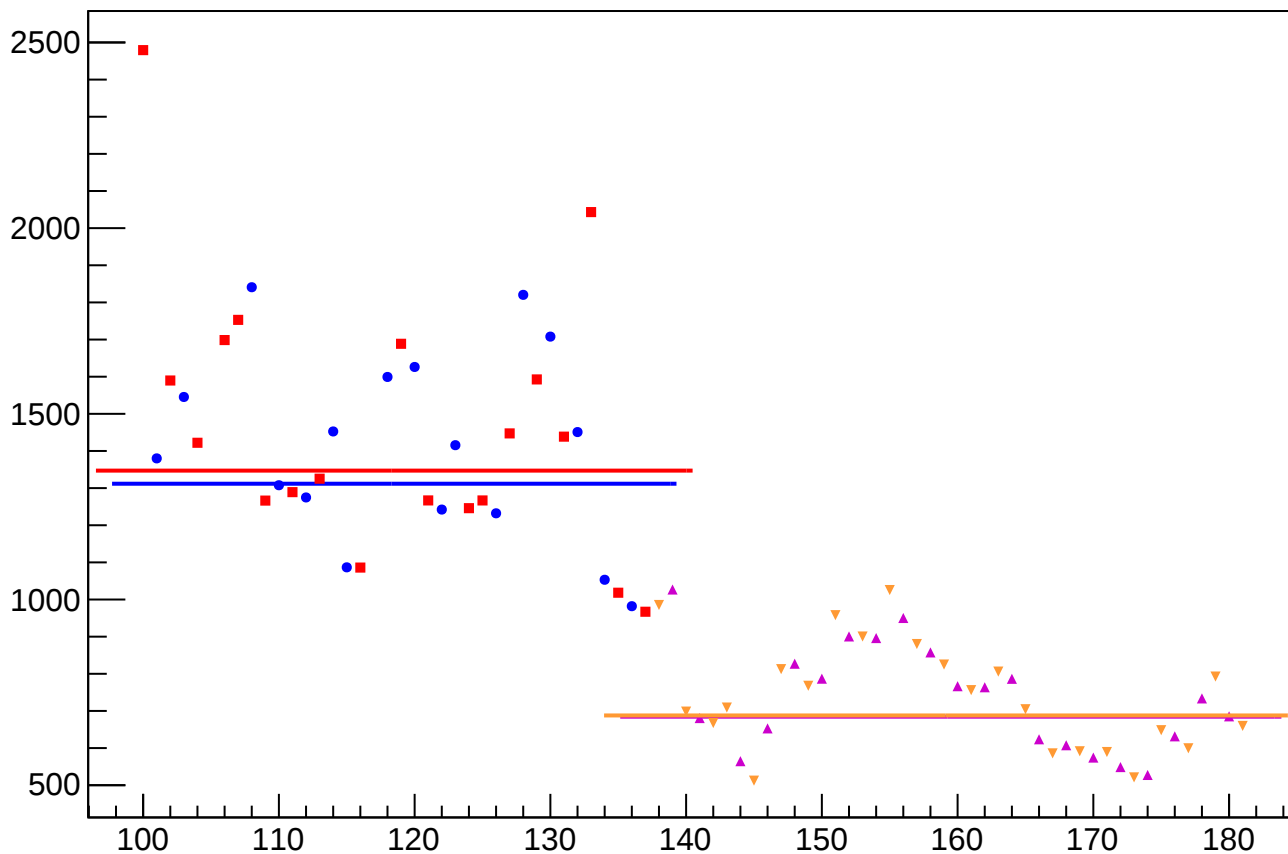
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 50.302 $\pm$ 162.604 χ^2 /NDF:44.8/37

Out: -700.200 $\pm$ 159.247 χ^2 /NDF:82.7/41

All: -332.777 $\pm$ 113.773 χ^2 /NDF: 138.4/79

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 687.836+/-0.118 χ^2/NDF : 1276731.4/22

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 684.494+/-0.121 χ^2/NDF : 1118676.6/20

Left: 686.202+/-0.085 χ^2/NDF : 2395797.7/43

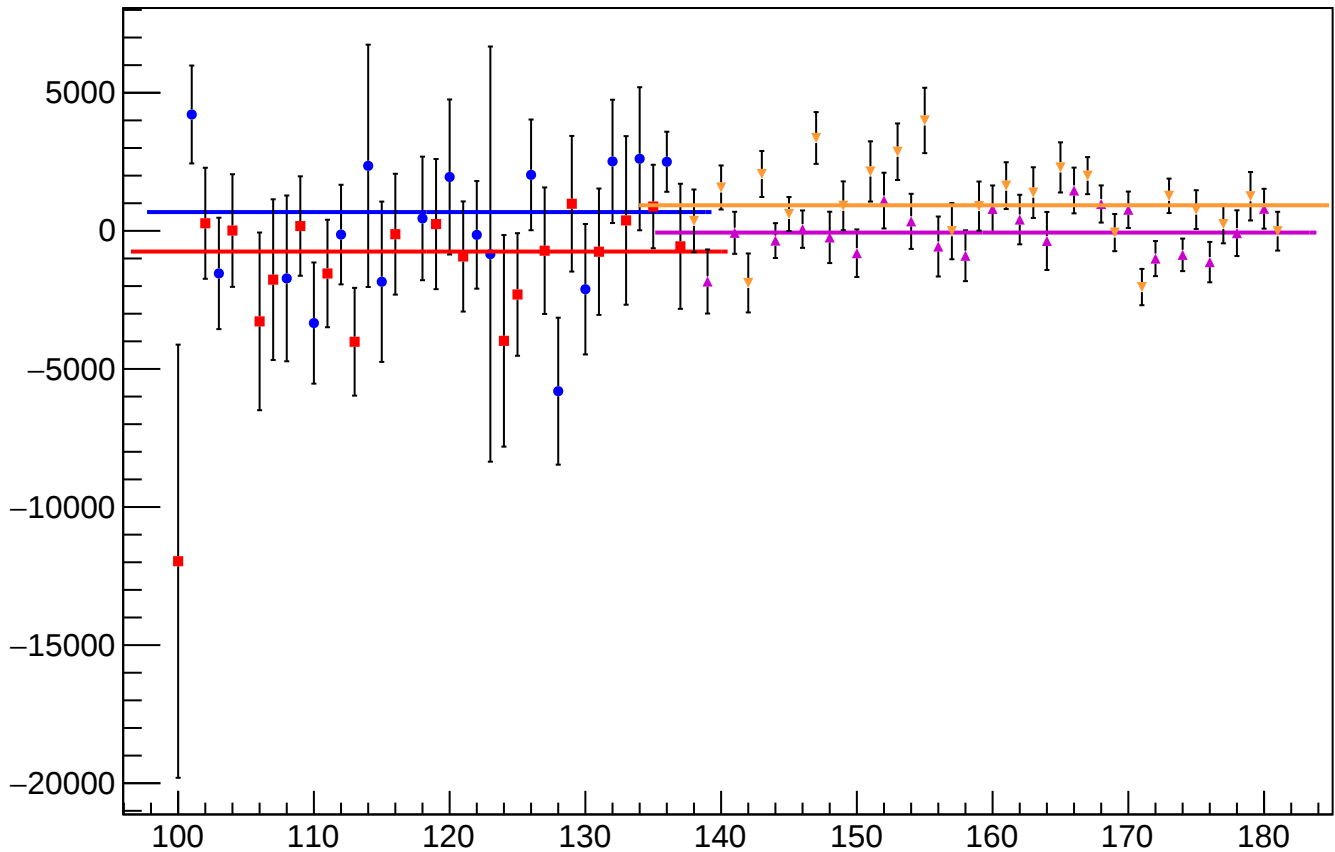
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 746.010+/-0.115 χ^2/NDF : 4264092.4/37

Out: 750.711+/-0.113 χ^2/NDF : 4724591.2/41

All: 748.410+/-0.080 χ^2/NDF : 8989537.1/79

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 ± 517.508 $\chi^2/\text{NDF}: 22.6/16$

Left Out: 926.618 ± 169.047 $\chi^2/\text{NDF}: 60.6/22$

Right Out: -749.718 ± 516.198 $\chi^2/\text{NDF}: 9.7/18$

Left In: -62.230 ± 172.032 $\chi^2/\text{NDF}: 22.2/20$

Left: 440.847 ± 120.576 $\chi^2/\text{NDF}: 99.6/43$

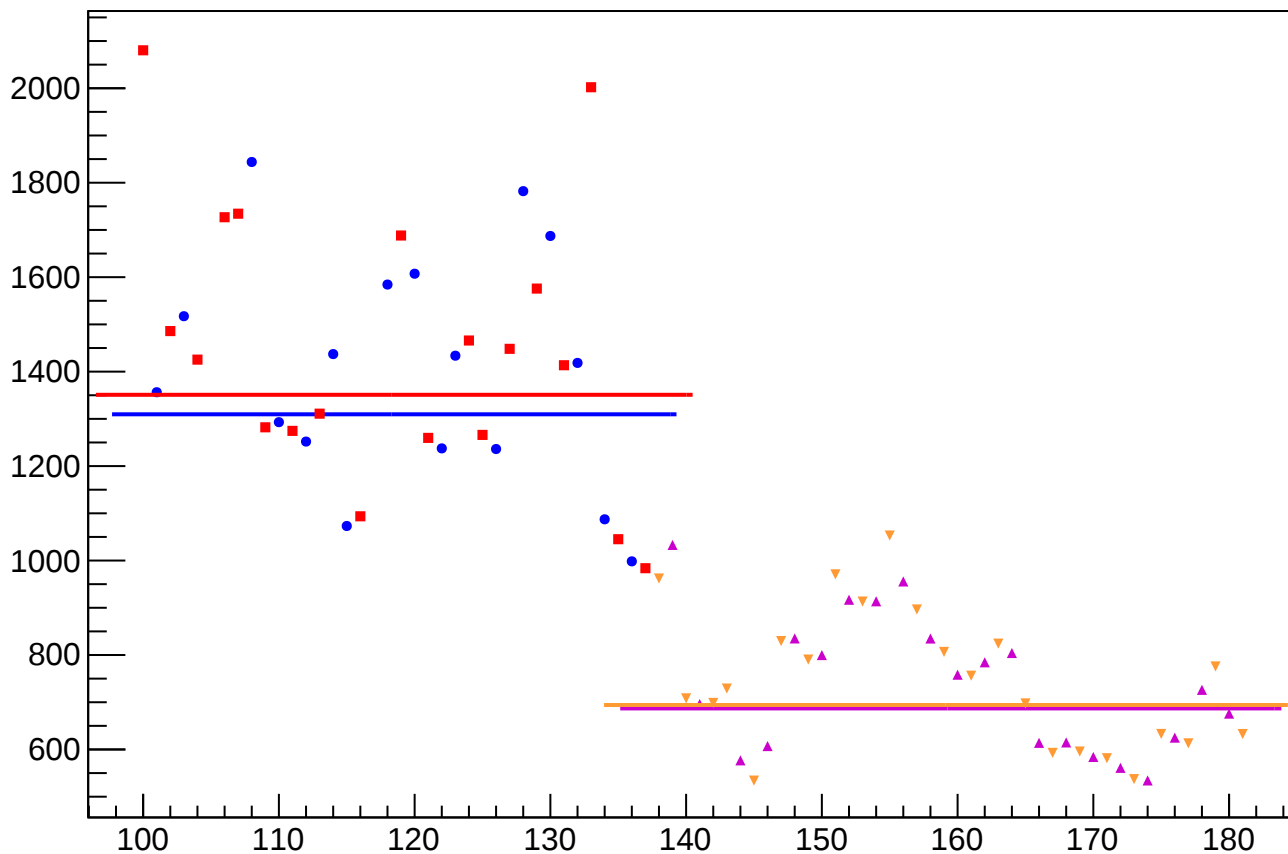
Right: -36.709 ± 365.469 $\chi^2/\text{NDF}: 36.1/35$

In: 11.621 ± 163.248 $\chi^2/\text{NDF}: 46.6/37$

Out: 764.250 ± 160.652 $\chi^2/\text{NDF}: 79.8/41$

All: 393.969 ± 114.505 $\chi^2/\text{NDF}: 137.3/79$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 694.143 $\pm$ 0.120 χ^2 /NDF: 1231344.9/22

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 686.876 $\pm$ 0.122 χ^2 /NDF: 1115317.7/20

Left: 690.573 $\pm$ 0.085 χ^2 /NDF: 2348478.2/43

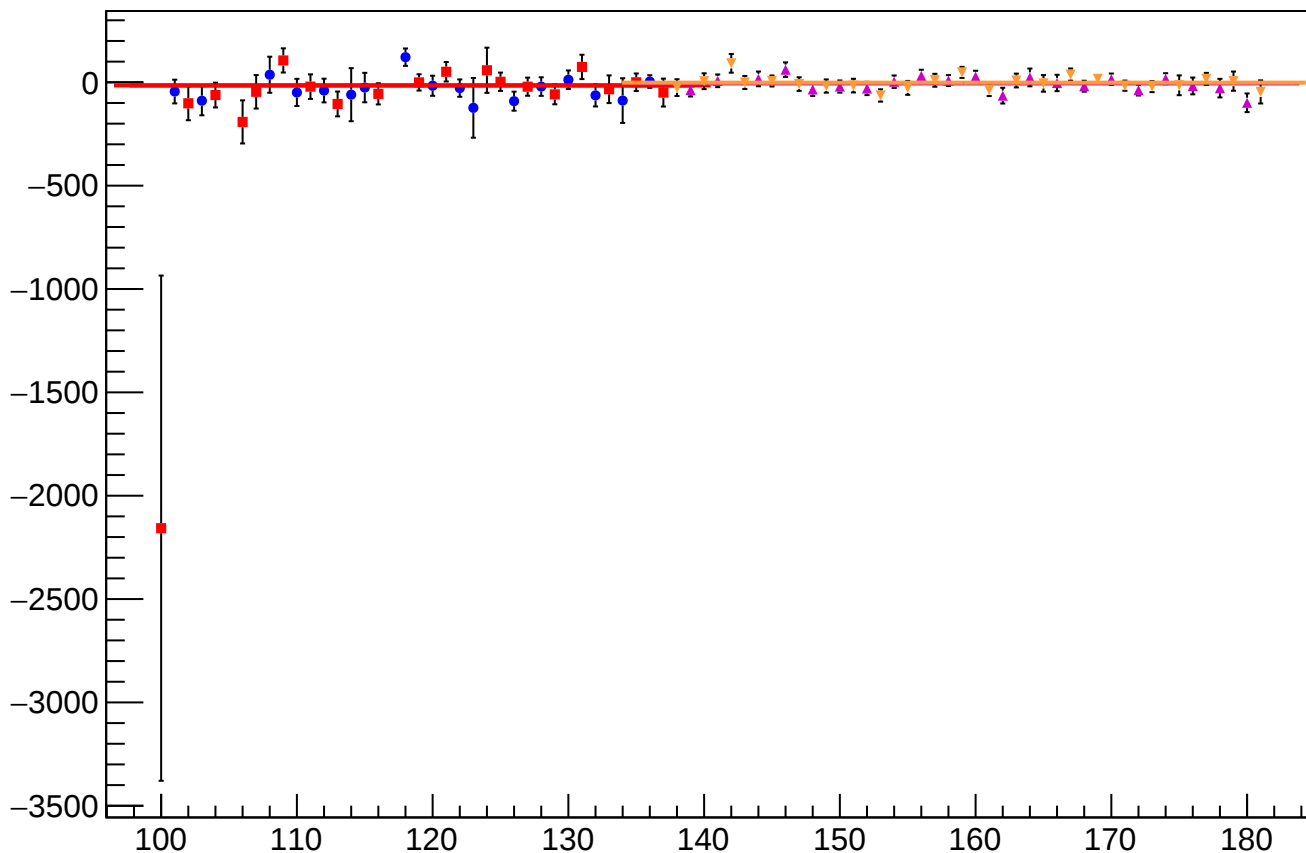
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 748.848 $\pm$ 0.115 χ^2 /NDF: 4182837.8/37

Out: 757.760 $\pm$ 0.114 χ^2 /NDF: 4578342.8/41

All: 753.376 $\pm$ 0.081 χ^2 /NDF: 8764208.3/79

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.587 ± 6.690 χ^2/NDF : 19.5/22

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -5.612 ± 6.934 χ^2/NDF : 20.7/20

Left: -3.527 ± 4.814 χ^2/NDF : 40.3/43

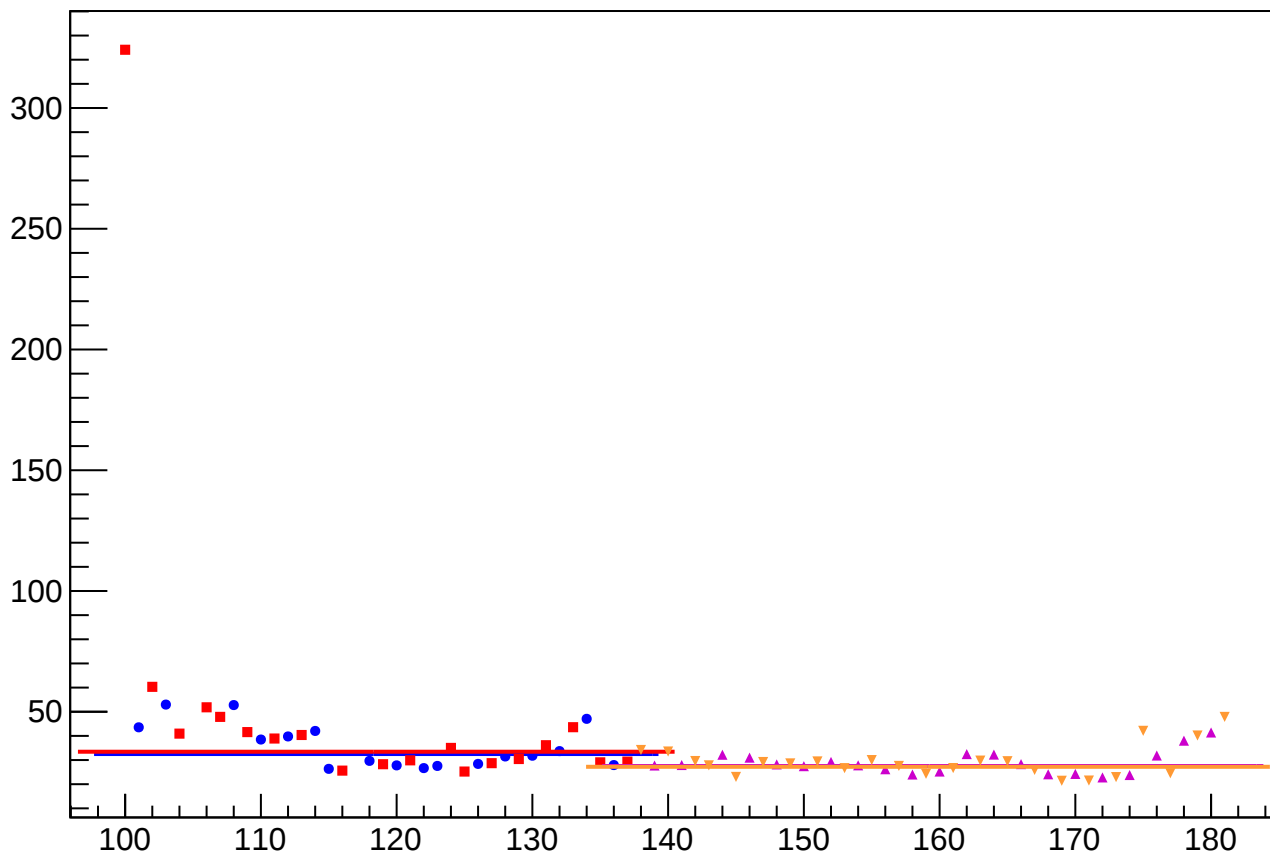
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -7.777 ± 6.109 χ^2/NDF : 39.4/37

Out: -4.380 ± 5.957 χ^2/NDF : 41.6/41

All: -6.036 ± 4.265 χ^2/NDF : 81.2/79

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 ± 0.009 $\chi^2/\text{NDF}: 594480.9/16$

Left Out: 27.207 ± 0.005 $\chi^2/\text{NDF}: 1161281.9/22$

Right Out: 33.444 ± 0.009 $\chi^2/\text{NDF}: 838344.2/18$

Left In: 27.529 ± 0.005 $\chi^2/\text{NDF}: 659782.4/20$

Left: 27.362 ± 0.003 $\chi^2/\text{NDF}: 1823293.2/43$

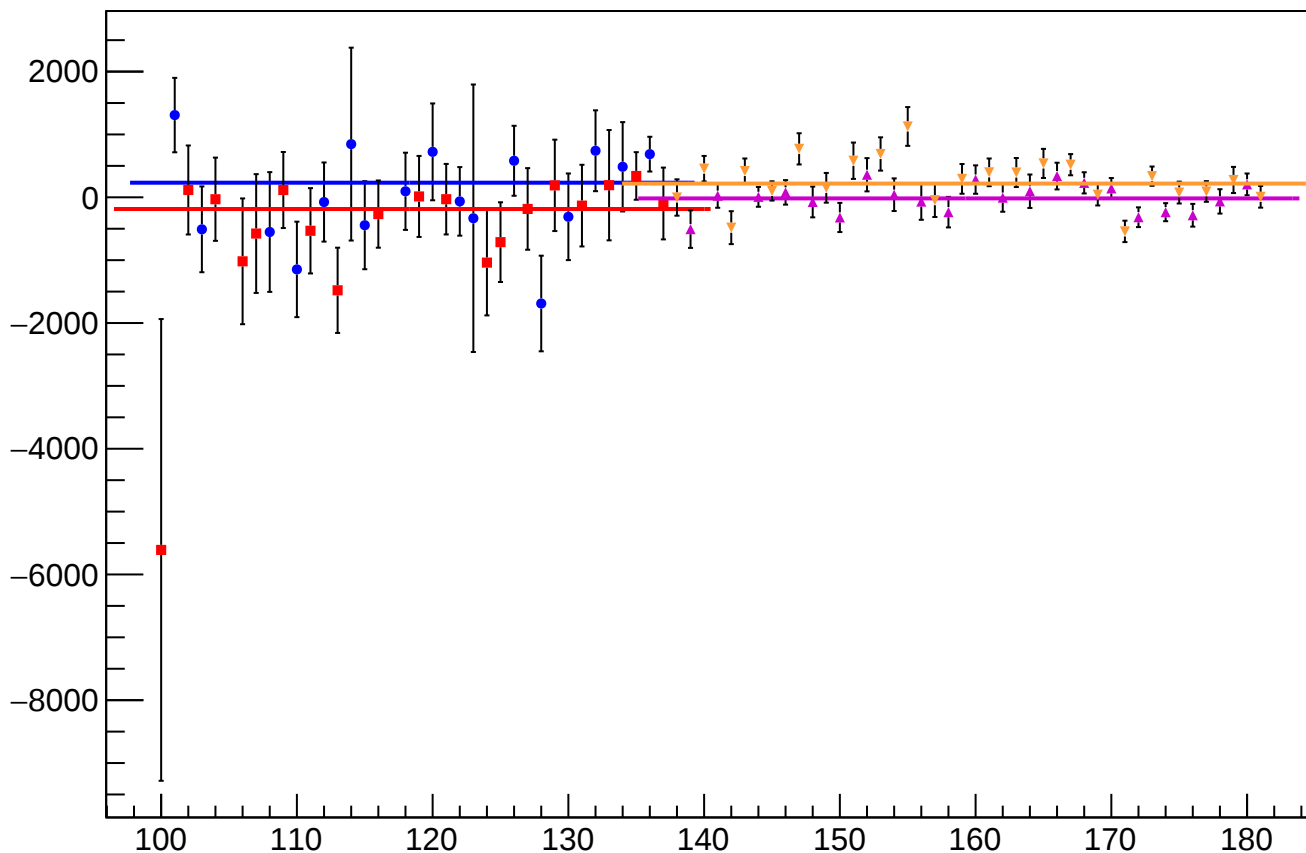
Right: 32.960 ± 0.007 $\chi^2/\text{NDF}: 1438223.6/35$

In: 28.640 ± 0.004 $\chi^2/\text{NDF}: 1483496.7/37$

Out: 28.498 ± 0.004 $\chi^2/\text{NDF}: 2359412.6/41$

All: 28.567 ± 0.003 $\chi^2/\text{NDF}: 3843463.7/79$

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: 218.520 $\pm$ 42.527 χ^2 /NDF: 61.0/22

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -17.661 $\pm$ 43.636 χ^2 /NDF: 25.4/20

Left: 103.469 $\pm$ 30.456 χ^2 /NDF: 101.4/43

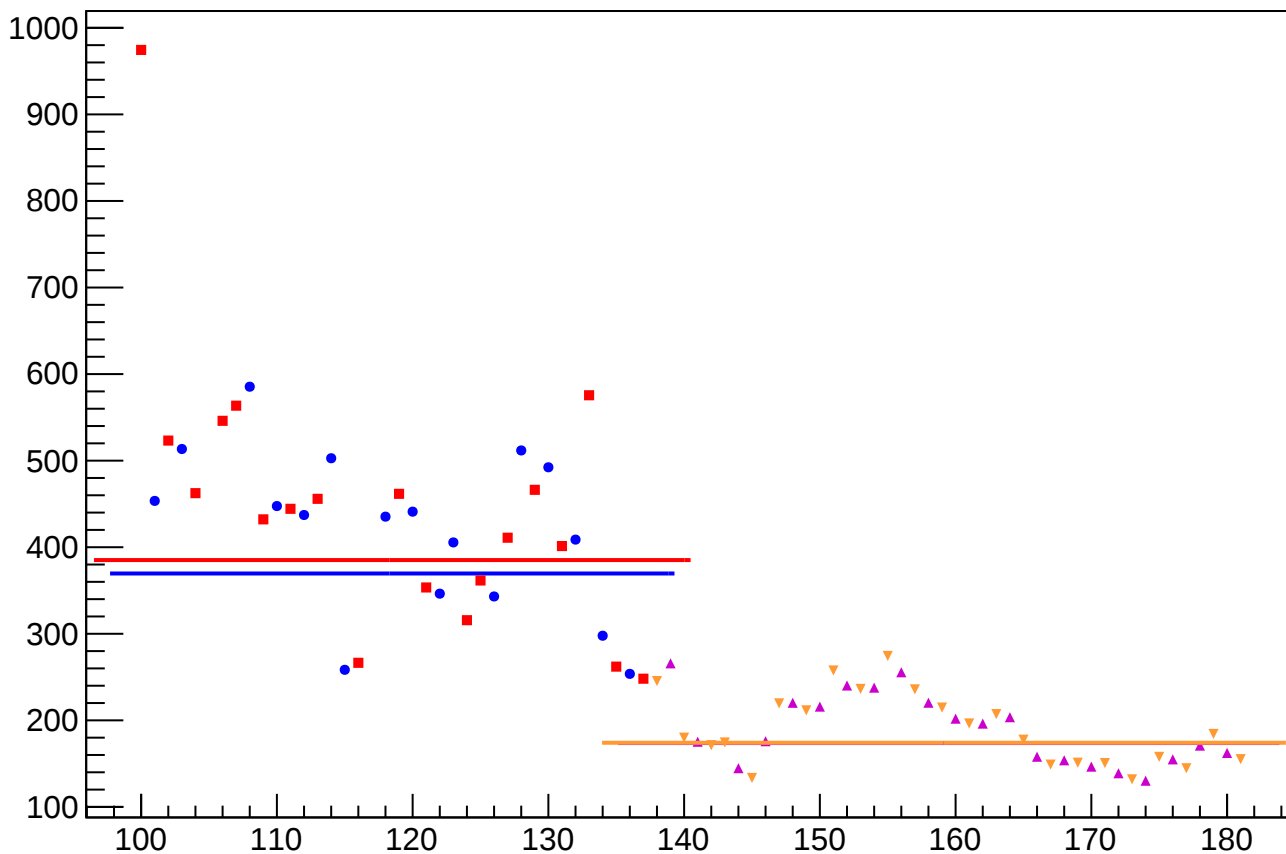
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 2.183 $\pm$ 41.869 χ^2 /NDF: 49.4/37

Out: 188.364 $\pm$ 40.912 χ^2 /NDF: 79.5/41

All: 97.424 $\pm$ 29.262 χ^2 /NDF: 139.1/79

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: 174.116 $\pm$ 0.030 χ^2/NDF : 1479671.2/22

Right Out: 385.154 $\pm$ 0.106 χ^2/NDF : 926572.0/18

Left In: 173.778 $\pm$ 0.031 χ^2/NDF : 1359931.1/20

Left: 173.951 $\pm$ 0.022 χ^2/NDF : 2839663.8/43

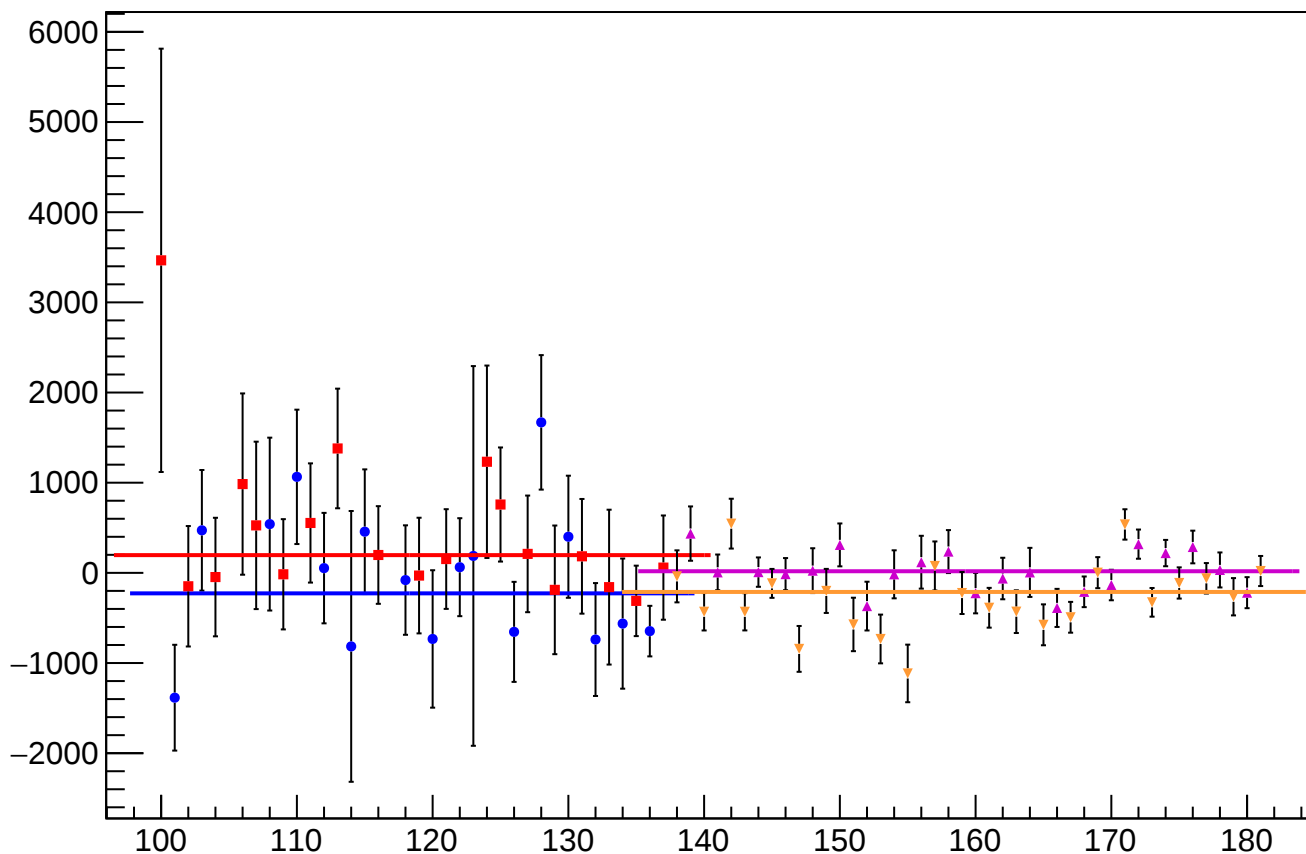
Right: 377.336 $\pm$ 0.075 χ^2/NDF : 1840139.7/35

In: 189.326 $\pm$ 0.030 χ^2/NDF : 5461419.0/37

Out: 189.841 $\pm$ 0.029 χ^2/NDF : 6076074.8/41

All: 189.589 $\pm$ 0.021 χ^2/NDF : 11537648.7/79

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -211.634 ± 43.113 χ^2/NDF : 62.7/22

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 17.974 ± 43.990 χ^2/NDF : 23.6/20

Left: -99.143 ± 30.791 χ^2/NDF : 100.2/43

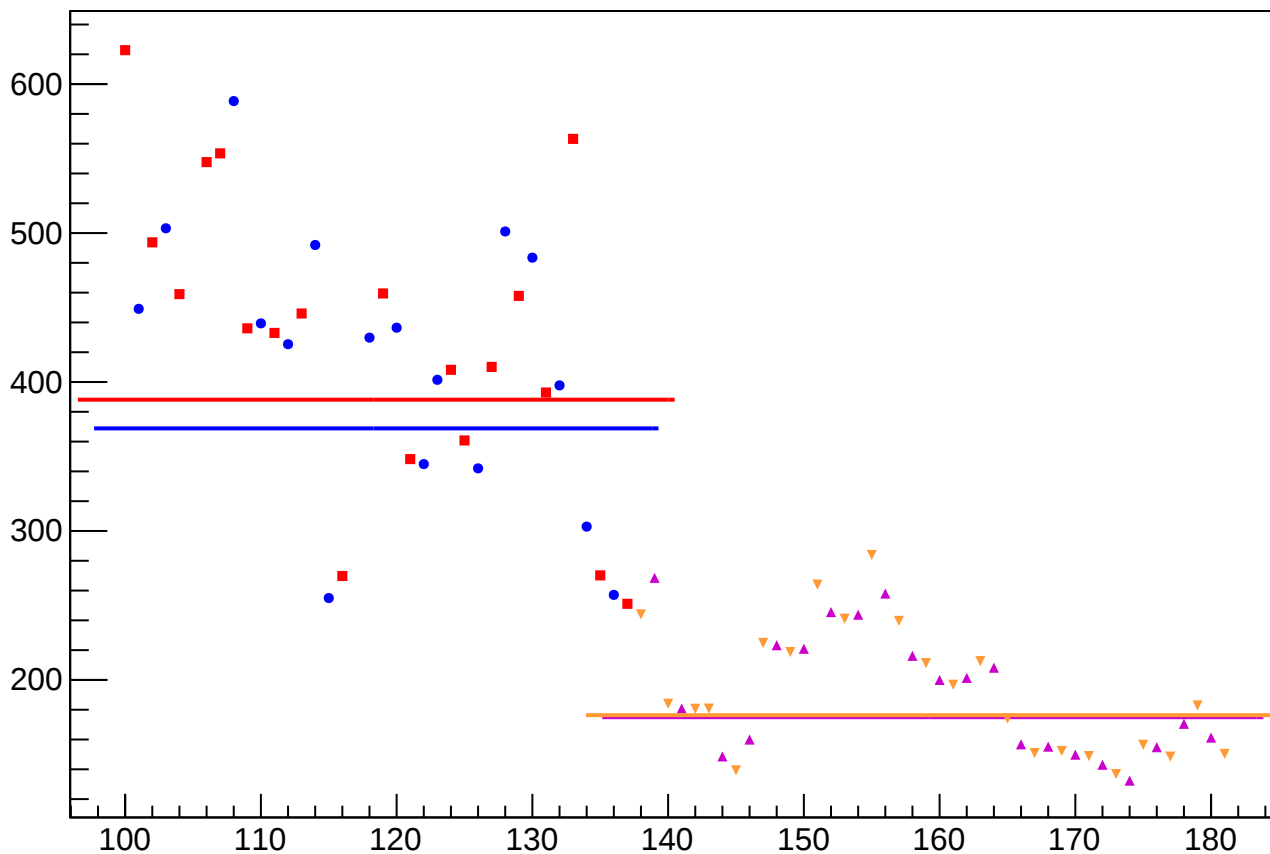
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -1.953 ± 42.165 χ^2/NDF : 47.9/37

Out: -180.540 ± 41.439 χ^2/NDF : 80.3/41

All: -92.798 ± 29.555 χ^2/NDF : 137.4/79

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: 176.350 $\pm$ 0.030 χ^2 /NDF: 1479071.7/22

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 174.990 $\pm$ 0.031 χ^2 /NDF: 1354798.1/20

Left: 175.684 $\pm$ 0.022 χ^2 /NDF: 2834844.9/43

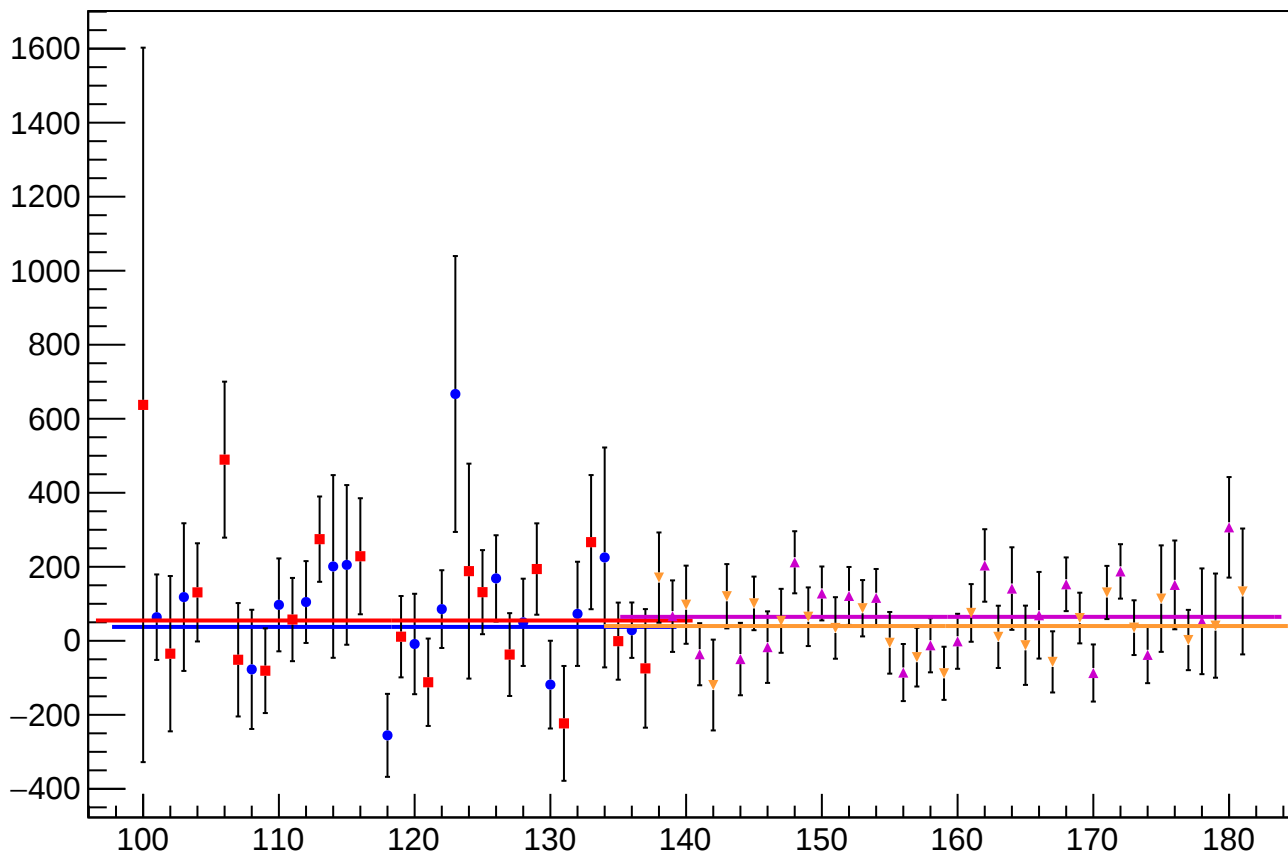
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 190.743 $\pm$ 0.030 χ^2 /NDF: 5340930.1/37

Out: 192.475 $\pm$ 0.029 χ^2 /NDF: 5931670.2/41

All: 191.624 $\pm$ 0.021 χ^2 /NDF: 11274316.9/79

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.917 $\pm$ 18.054 χ^2 /NDF:14.2/22

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 64.736 $\pm$ 18.901 χ^2 /NDF:30.1/20

Left: 51.759 $\pm$ 13.055 χ^2 /NDF: 45.3/43

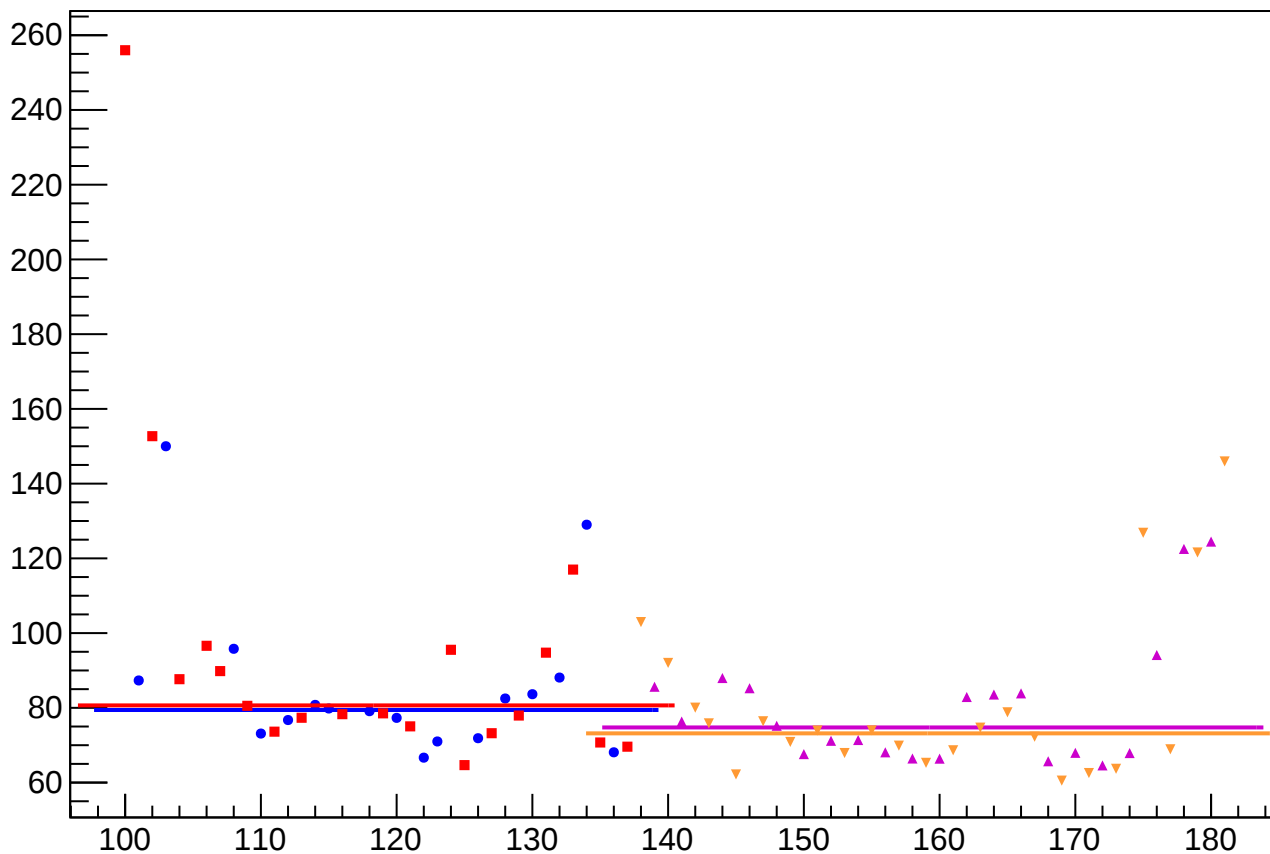
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 57.522 $\pm$ 16.202 χ^2 /NDF:46.5/37

Out: 43.625 $\pm$ 15.661 χ^2 /NDF:36.6/41

All: 50.338 $\pm$ 11.260 χ^2 /NDF: 83.5/79

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: 73.169 $\pm$ 0.013 χ^2 /NDF:1324042.3/22

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 74.751 $\pm$ 0.013 χ^2 /NDF:862672.5/20

Left: 73.924 $\pm$ 0.009 χ^2 /NDF: 2194038.3/43

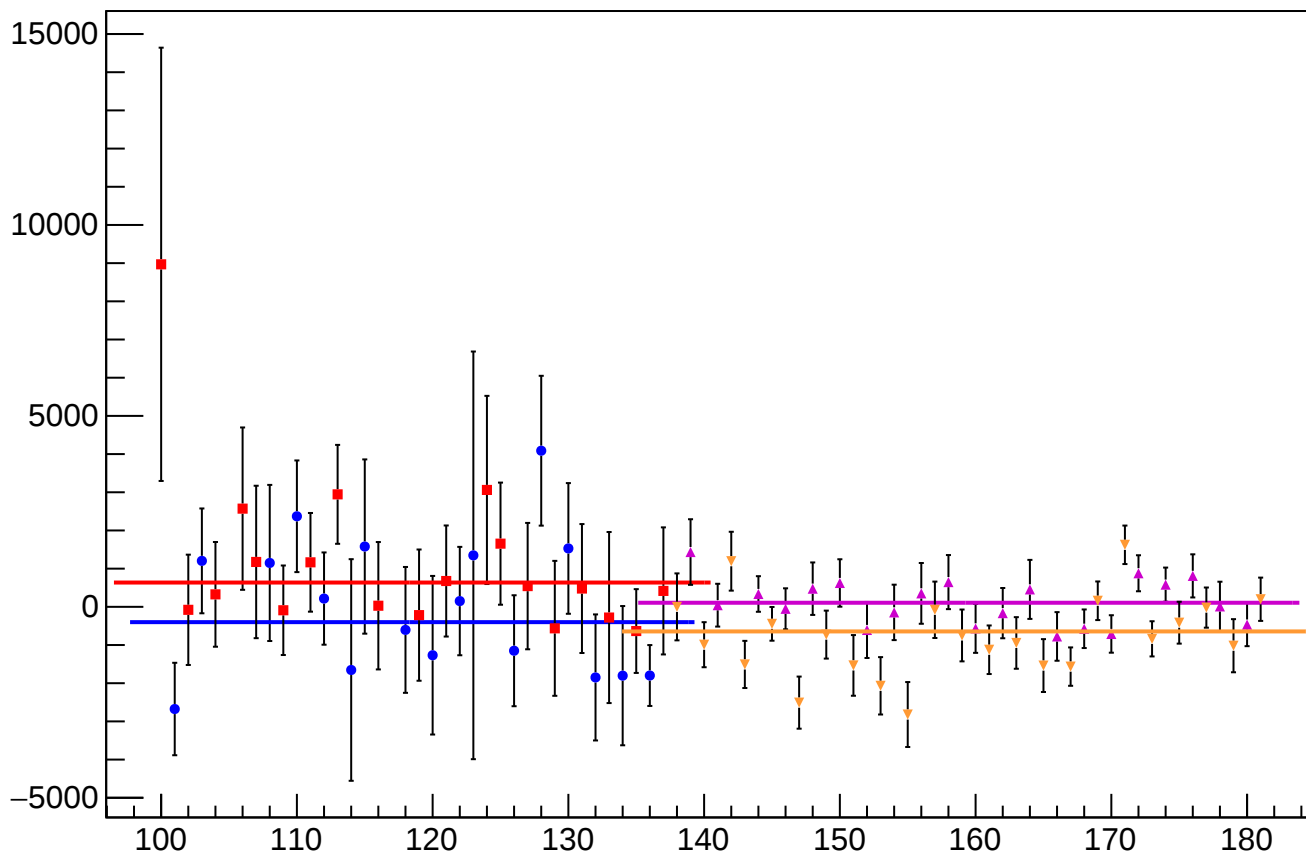
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 75.990 $\pm$ 0.011 χ^2 /NDF:1334104.5/37

Out: 75.022 $\pm$ 0.011 χ^2 /NDF:1929540.0/41

All: 75.490 $\pm$ 0.008 χ^2 /NDF: 3267332.4/79

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -644.100 $\pm$ 126.563 χ^2 /NDF:61.1/22

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 106.874 $\pm$ 129.327 χ^2 /NDF:19.9/20

Left: -276.722 $\pm$ 90.455 χ^2 /NDF: 98.1/43

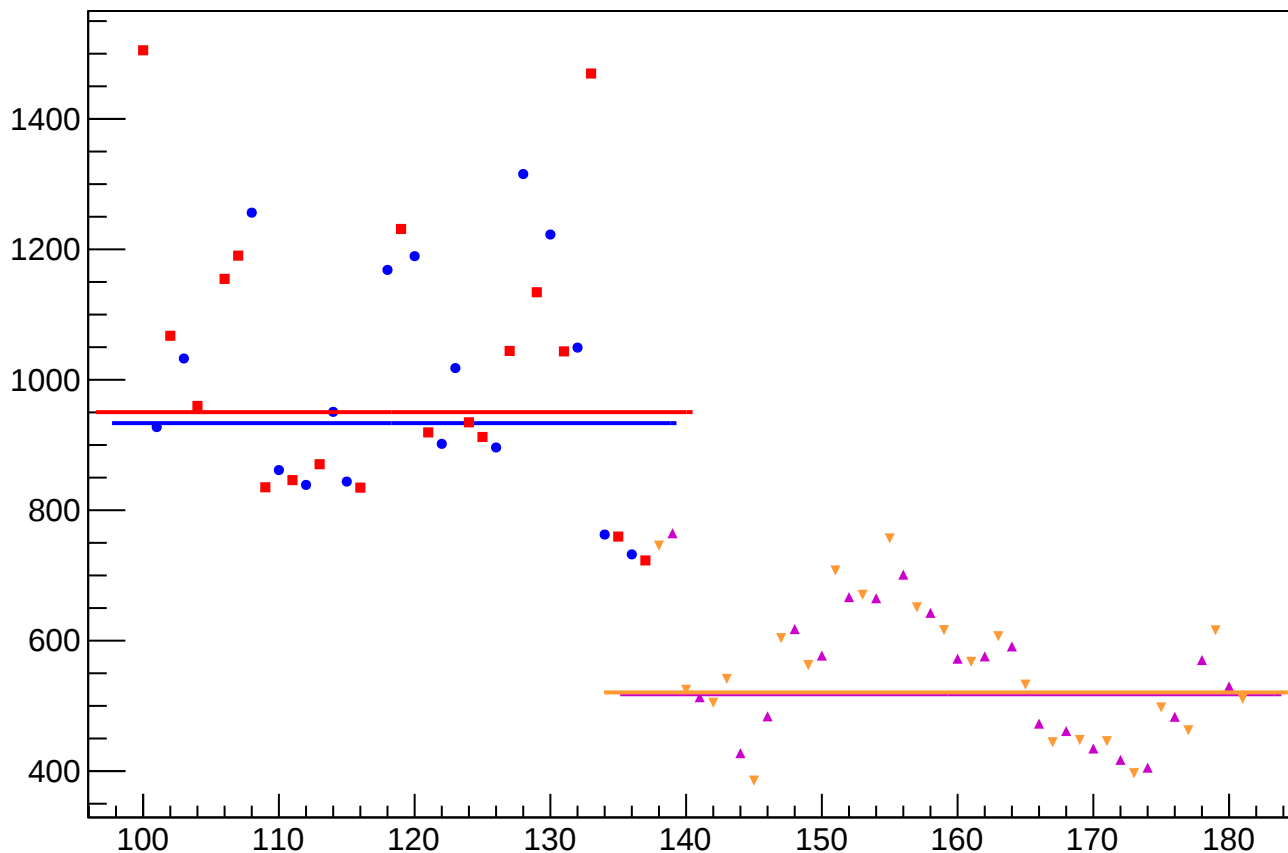
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 51.169 $\pm$ 122.029 χ^2 /NDF:43.5/37

Out: -505.286 $\pm$ 119.505 χ^2 /NDF:83.0/41

All: -232.873 $\pm$ 85.381 χ^2 /NDF: 137.1/79

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: 520.658 $\pm$ 0.089 χ^2 /NDF: 1194310.9/22

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 517.826 $\pm$ 0.091 χ^2 /NDF: 1021868.9/20

Left: 519.272 $\pm$ 0.064 χ^2 /NDF: 2216669.8/43

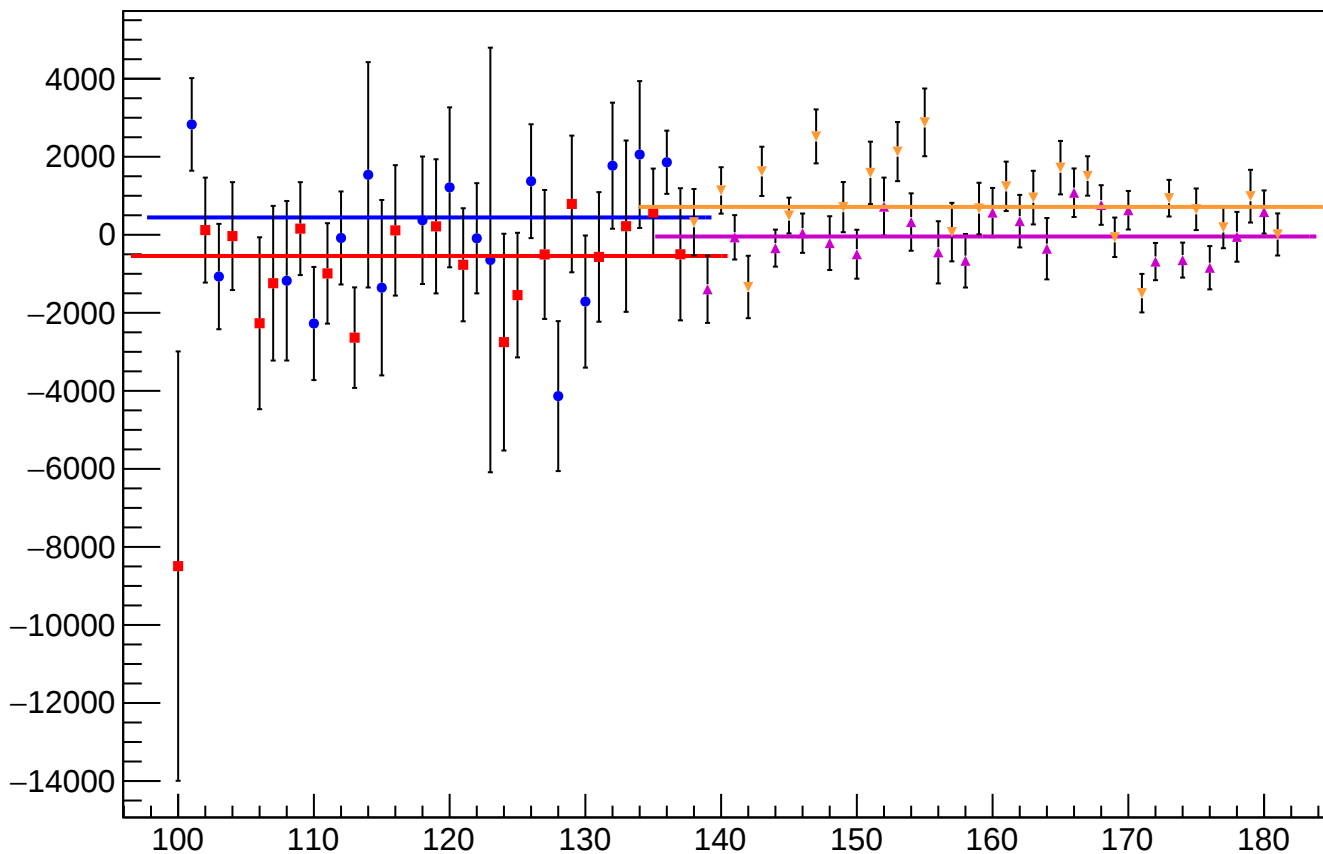
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 563.417 $\pm$ 0.086 χ^2 /NDF: 3730513.5/37

Out: 567.256 $\pm$ 0.085 χ^2 /NDF: 4118990.8/41

All: 565.376 $\pm$ 0.060 χ^2 /NDF: 7850514.4/79

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 714.366+/-126.877 χ^2/NDF : 59.0/22

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -43.739+/-129.053 χ^2/NDF : 22.0/20

Left: 341.757+/-90.475 χ^2/NDF : 98.5/43

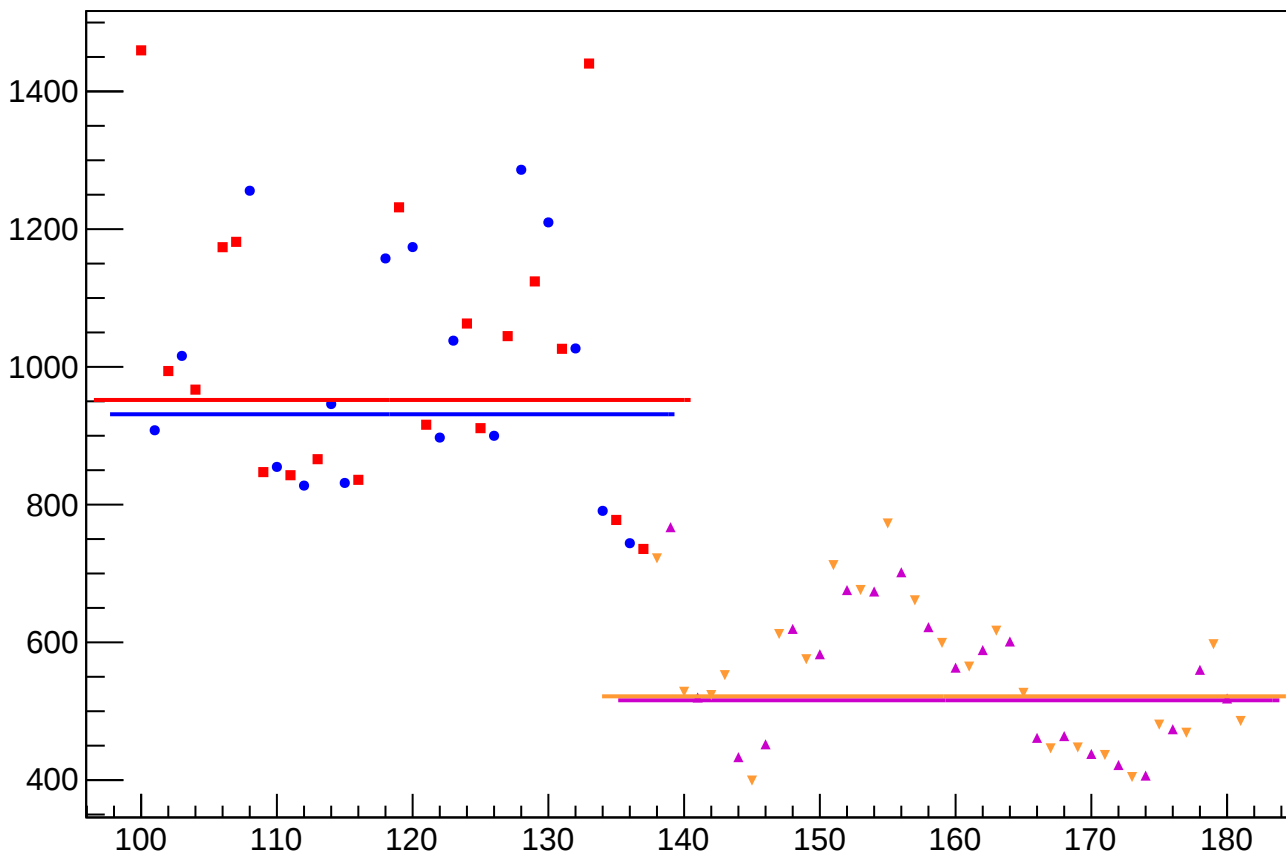
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 9.982+/-121.748 χ^2/NDF : 46.4/37

Out: 577.691+/-119.783 χ^2/NDF : 79.1/41

All: 298.455+/-85.386 χ^2/NDF : 136.6/79

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 521.634 $\pm$ 0.090 χ^2 /NDF:1151373.1/22

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 515.916 $\pm$ 0.091 χ^2 /NDF:1034489.6/20

Left: 518.824 $\pm$ 0.064 χ^2 /NDF: 2187858.6/43

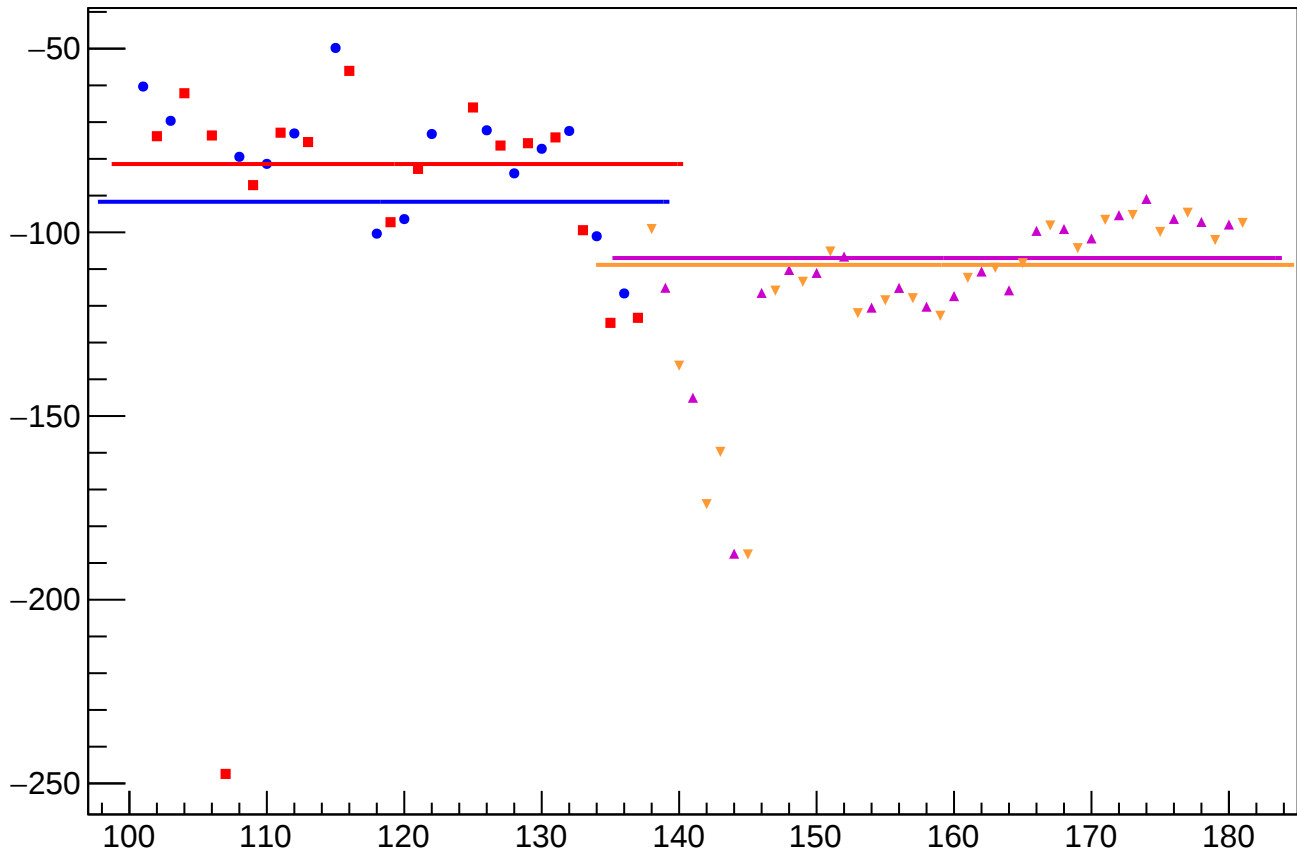
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 561.595 $\pm$ 0.086 χ^2 /NDF:3712727.6/37

Out: 568.409 $\pm$ 0.085 χ^2 /NDF:4034857.7/41

All: 565.057 $\pm$ 0.060 χ^2 /NDF: 7750769.3/79

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -108.855 ± 0.052 χ^2/NDF : 64864.2/22

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -106.992 ± 0.047 χ^2/NDF : 111084.6/20

Left: -107.832 ± 0.035 χ^2/NDF : 176658.4/43

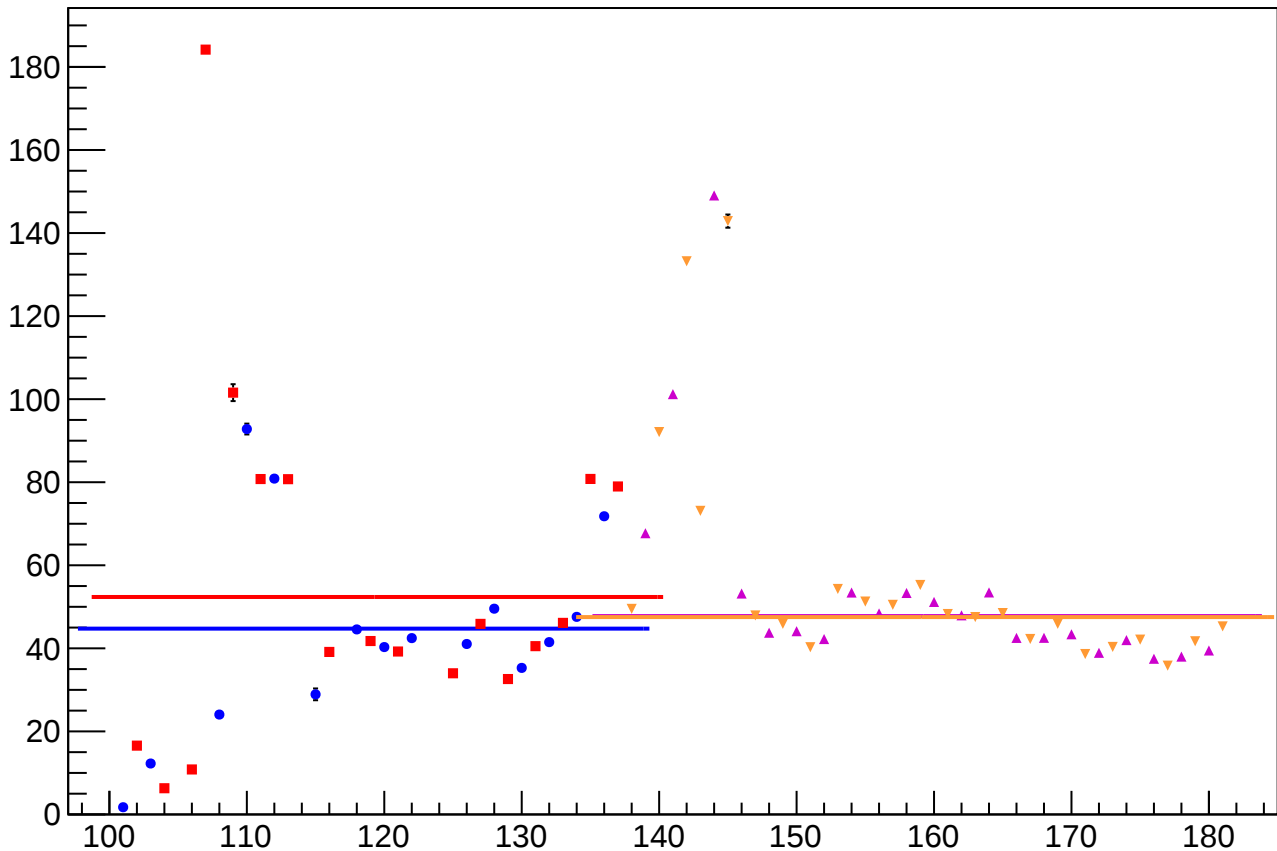
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.248 ± 0.039 χ^2/NDF : 208608.9/35

Out: -102.902 ± 0.046 χ^2/NDF : 167428.5/39

All: -102.523 ± 0.030 χ^2/NDF : 376155.4/75

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 47.526 $\pm$ 0.044 χ^2/NDF :60683.3/22

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 47.771 $\pm$ 0.041 χ^2/NDF :146705.5/20

Left: 47.656 $\pm$ 0.030 χ^2/NDF : 207405.7/43

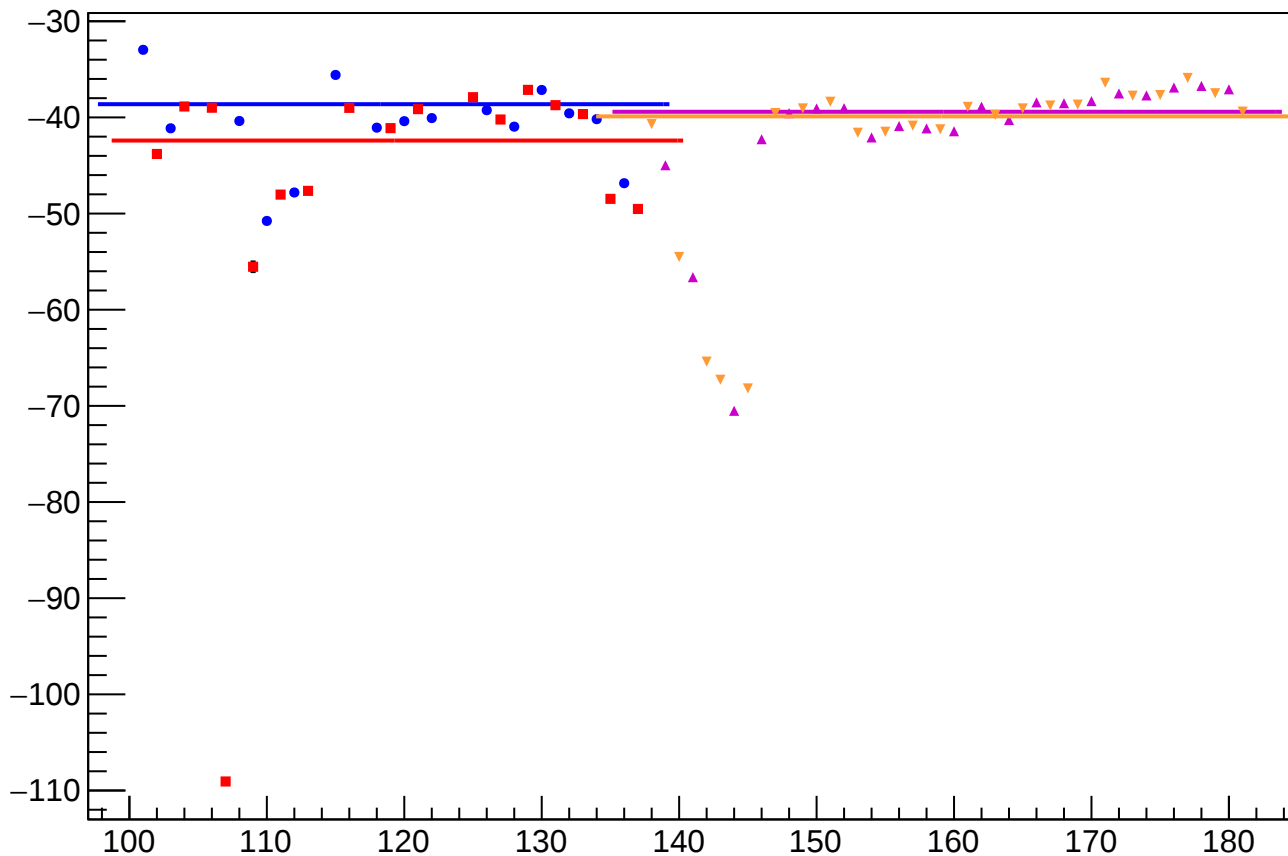
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 46.819 $\pm$ 0.034 χ^2/NDF :233114.7/35

Out: 48.157 $\pm$ 0.041 χ^2/NDF :131576.8/39

All: 47.369 $\pm$ 0.026 χ^2/NDF : 365329.2/75

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -39.893 ± 0.007 χ^2/NDF : 249294.4/22

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -39.414 ± 0.007 χ^2/NDF : 217813.3/20

Left: -39.669 ± 0.005 χ^2/NDF : 469597.0/43

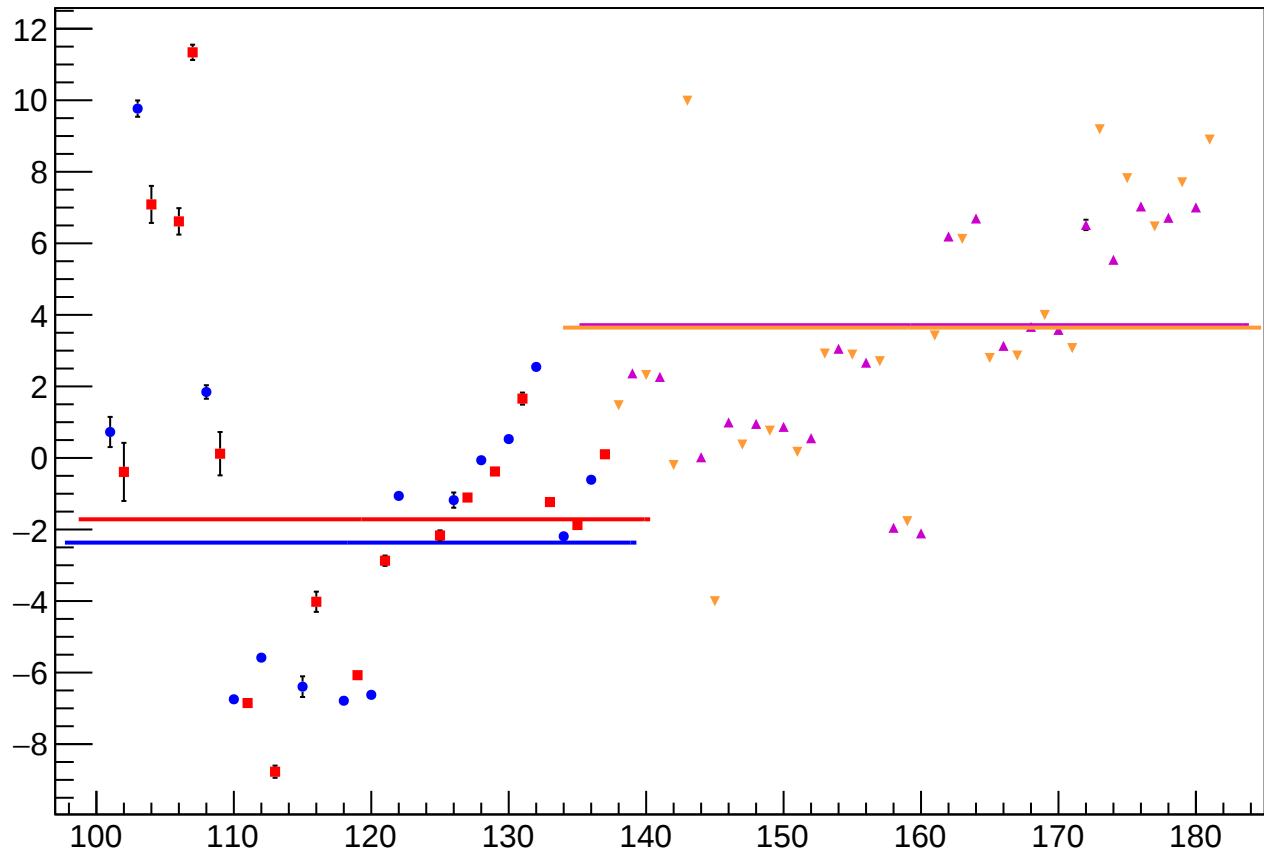
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.084 ± 0.005 χ^2/NDF : 463218.5/35

Out: -40.111 ± 0.006 χ^2/NDF : 531161.2/39

All: -39.517 ± 0.004 χ^2/NDF : 1009909.0/75

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.644 ± 0.007 χ^2/NDF : 193583.1/22

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.711 ± 0.006 χ^2/NDF : 219865.1/20

Left: 3.684 ± 0.005 χ^2/NDF : 413500.1/43

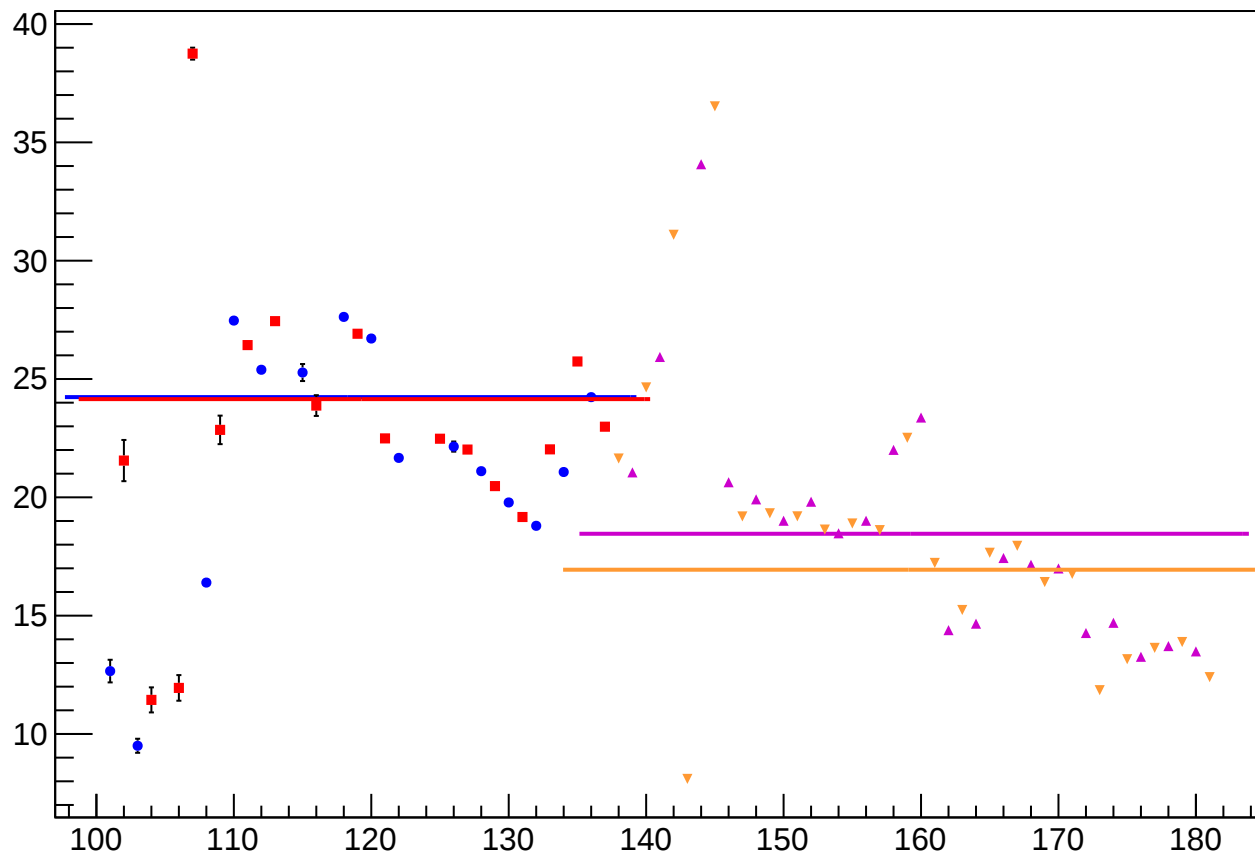
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.793 ± 0.005 χ^2/NDF : 406997.9/35

Out: 3.295 ± 0.007 χ^2/NDF : 243154.0/39

All: 2.987 ± 0.004 χ^2/NDF : 653401.3/75

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.941 $\pm$ 0.007 χ^2 /NDF:177319.5/22

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.460 $\pm$ 0.007 χ^2 /NDF:213345.5/20

Left: 17.697 $\pm$ 0.005 χ^2 /NDF: 412817.0/43

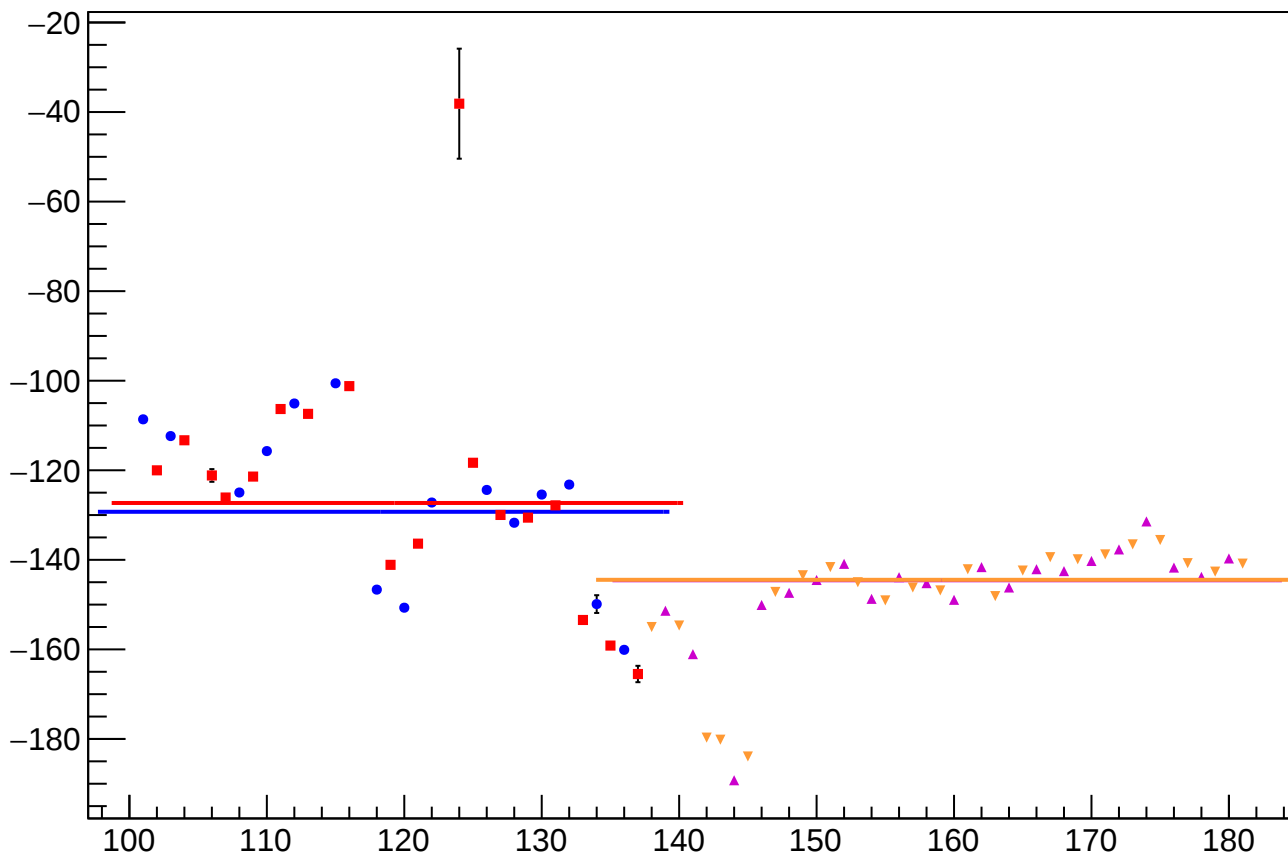
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.023 $\pm$ 0.007 χ^2 /NDF:297307.8/35

Out: 17.520 $\pm$ 0.007 χ^2 /NDF:271009.6/39

All: 18.275 $\pm$ 0.005 χ^2 /NDF: 592100.8/75

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -144.462+/-0.042 χ^2/NDF : 42279.4/22

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -144.568+/-0.046 χ^2/NDF : 33135.2/20

Left: -144.511+/-0.031 χ^2/NDF : 75417.4/43

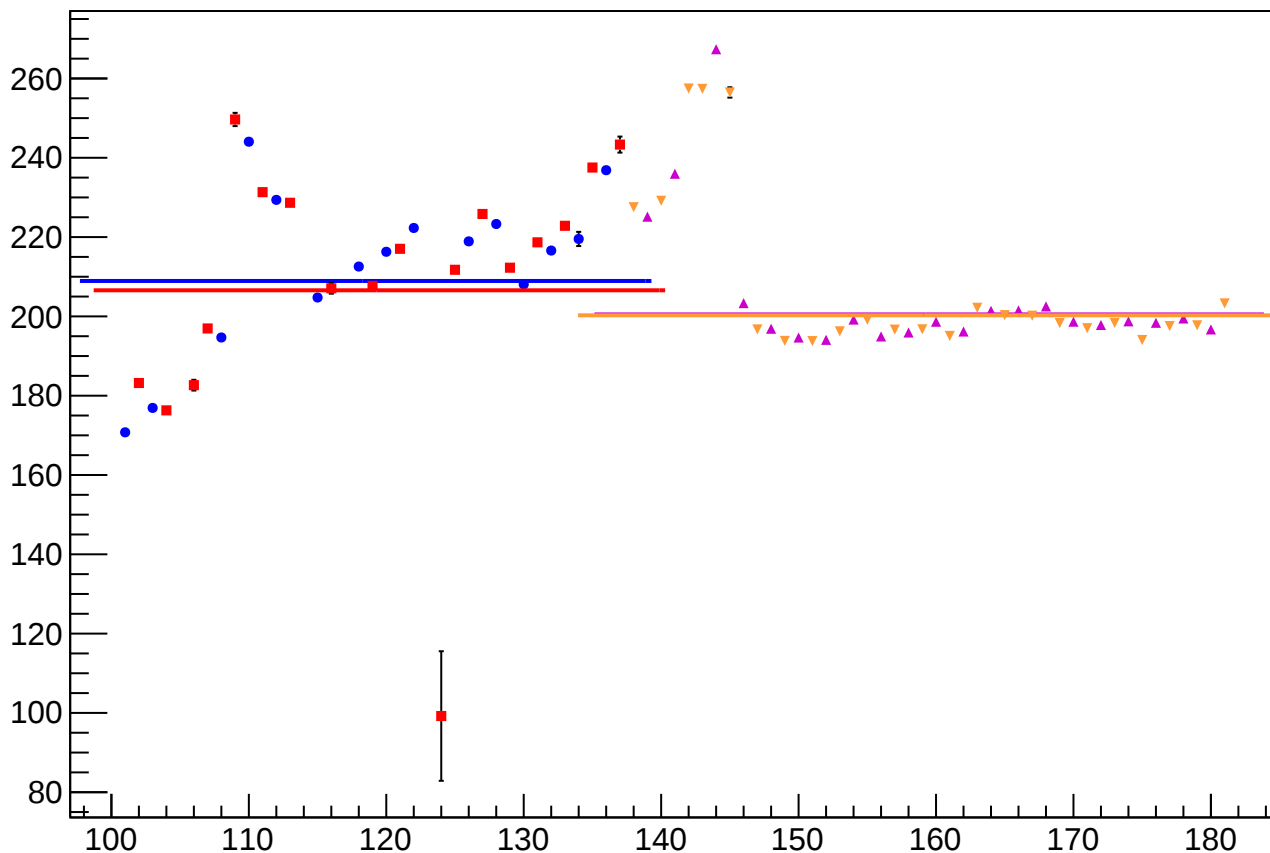
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -141.262+/-0.041 χ^2/NDF : 92049.9/35

Out: -140.988+/-0.038 χ^2/NDF : 104906.1/40

All: -141.115+/-0.028 χ^2/NDF : 196980.3/76

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.273 $\pm$ 0.035 χ^2 /NDF:109203.1/22

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.498 $\pm$ 0.040 χ^2 /NDF:77724.5/20

Left: 200.371 $\pm$ 0.026 χ^2 /NDF: 186945.6/43

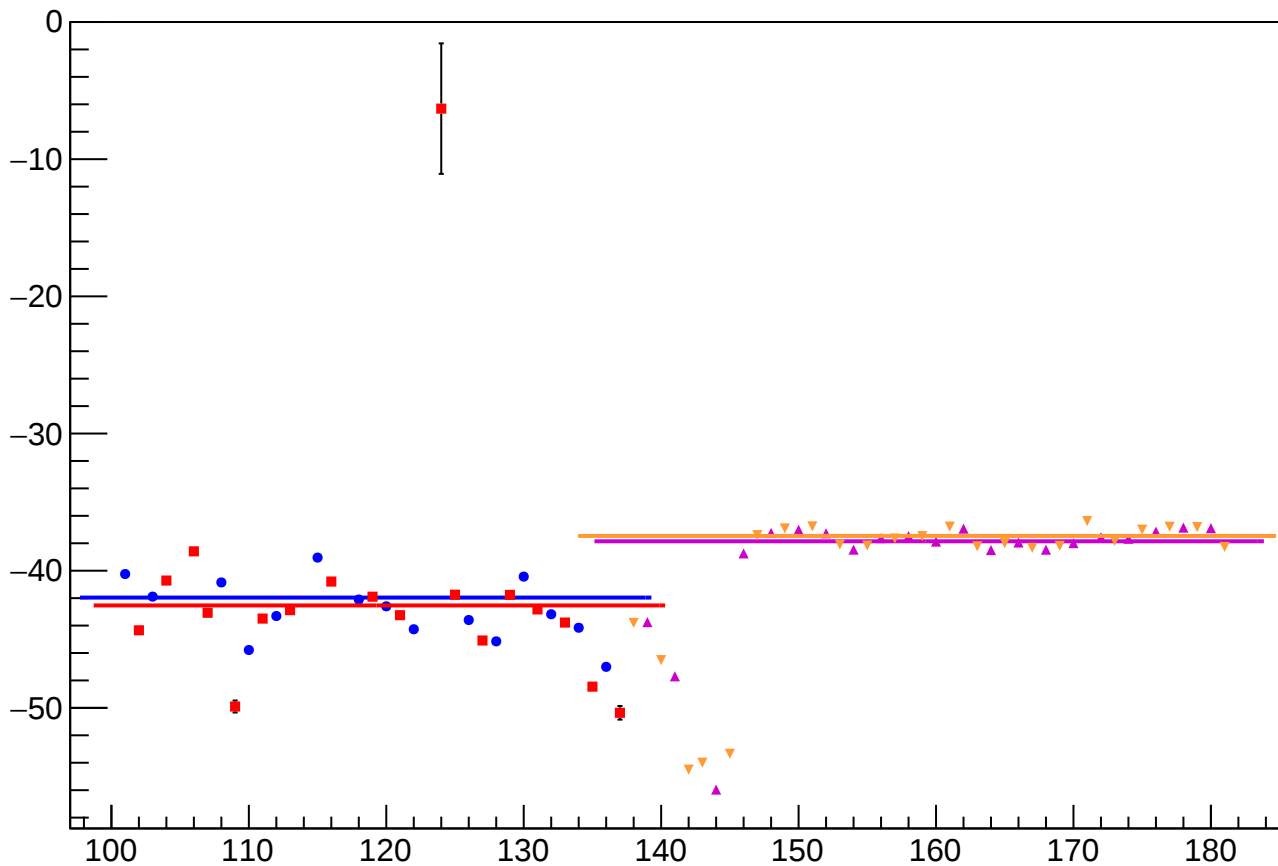
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.909 $\pm$ 0.036 χ^2 /NDF:129856.1/35

Out: 201.224 $\pm$ 0.032 χ^2 /NDF:162297.4/40

All: 201.525 $\pm$ 0.024 χ^2 /NDF: 292351.4/76

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.463 $\pm$ 0.004 χ^2 /NDF: 231497.7/22

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -37.855 $\pm$ 0.004 χ^2 /NDF: 142349.0/20

Left: -37.633 $\pm$ 0.003 χ^2 /NDF: 378536.9/43

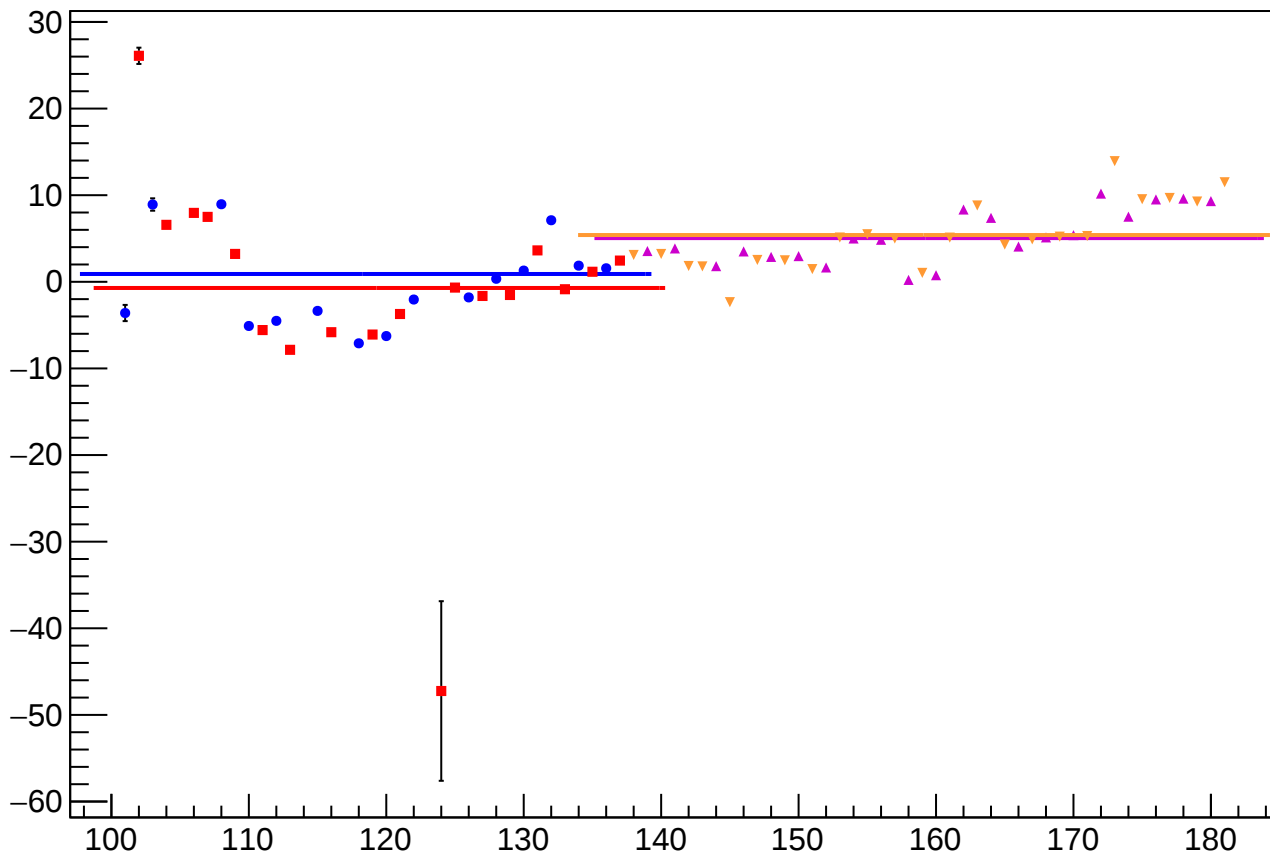
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.146 $\pm$ 0.004 χ^2 /NDF: 230845.4/35

Out: -37.627 $\pm$ 0.004 χ^2 /NDF: 295916.1/40

All: -37.857 $\pm$ 0.003 χ^2 /NDF: 535448.7/76

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 5.400 ± 0.006 χ^2/NDF : 281655.8/22

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 5.046 ± 0.007 χ^2/NDF : 167765.3/20

Left: 5.253 ± 0.004 χ^2/NDF : 450989.9/43

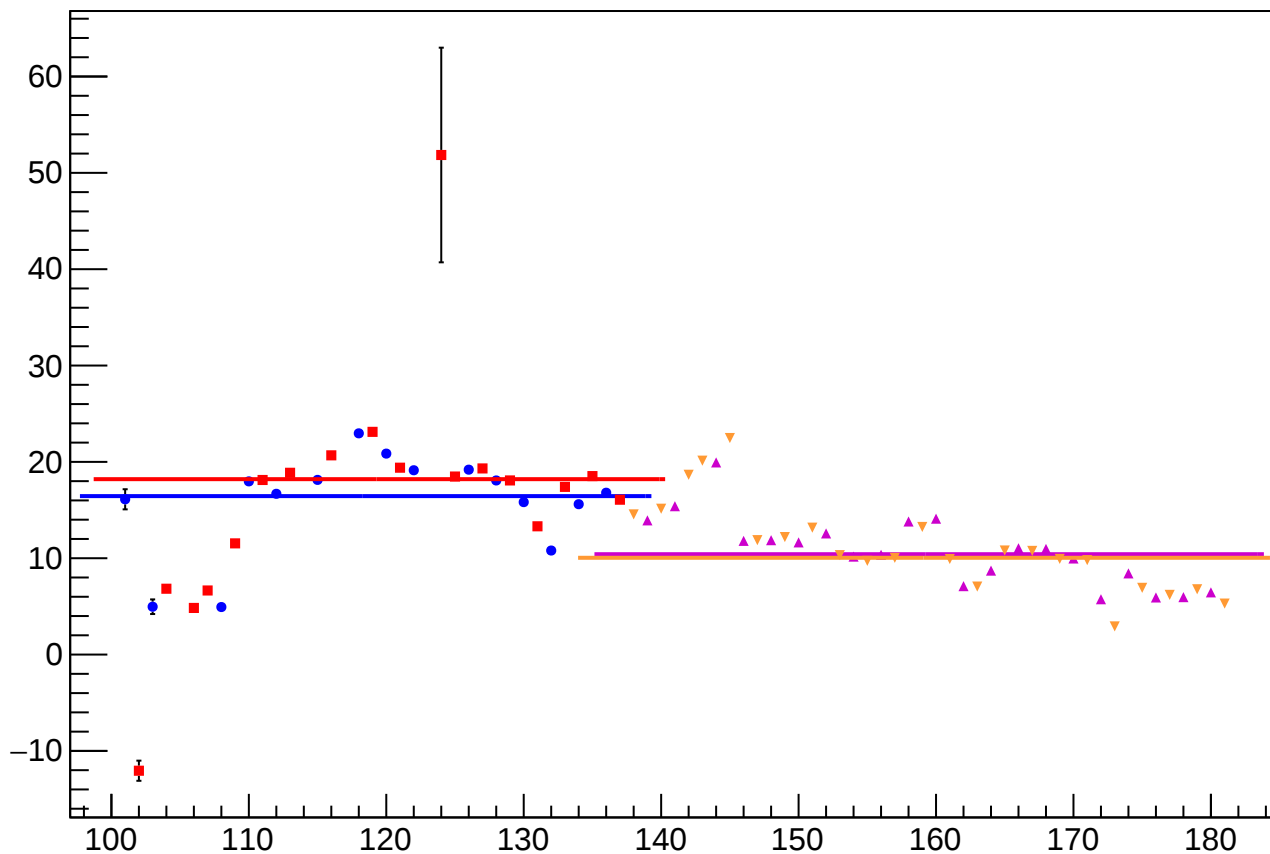
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.616 ± 0.006 χ^2/NDF : 227193.4/35

Out: 5.074 ± 0.006 χ^2/NDF : 372244.3/40

All: 4.877 ± 0.004 χ^2/NDF : 602303.7/76

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 10.045 $\pm$ 0.007 χ^2 /NDF:203234.6/22

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 10.418 $\pm$ 0.008 χ^2 /NDF:126287.2/20

Left: 10.208 $\pm$ 0.005 χ^2 /NDF: 330673.8/43

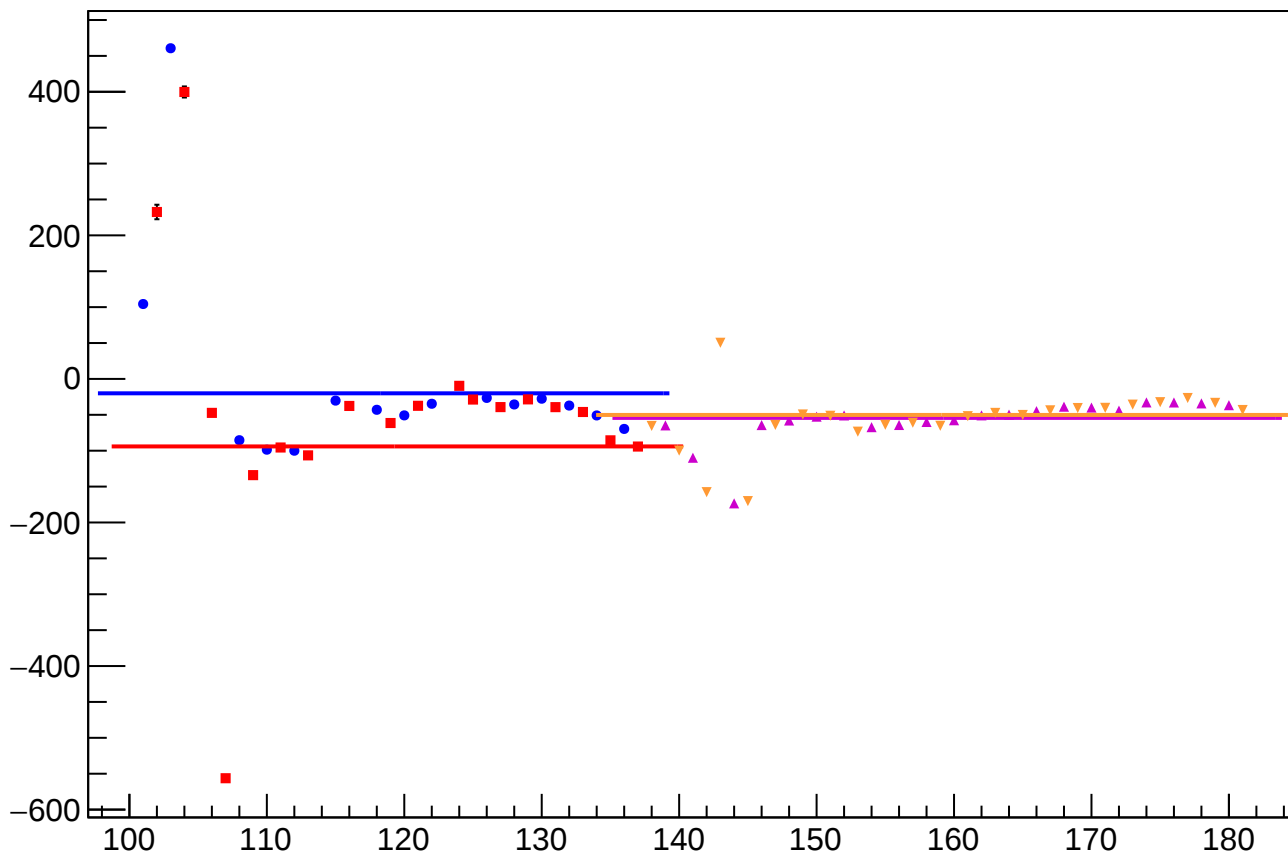
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.035 $\pm$ 0.008 χ^2 /NDF:195248.0/35

Out: 10.957 $\pm$ 0.007 χ^2 /NDF:372463.1/40

All: 10.991 $\pm$ 0.005 χ^2 /NDF: 567766.8/76

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.197 ± 0.090 $\chi^2/\text{NDF}: 59932.4/22$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -54.301 ± 0.104 $\chi^2/\text{NDF}: 58792.6/20$

Left: -51.958 ± 0.068 $\chi^2/\text{NDF}: 119613.1/43$

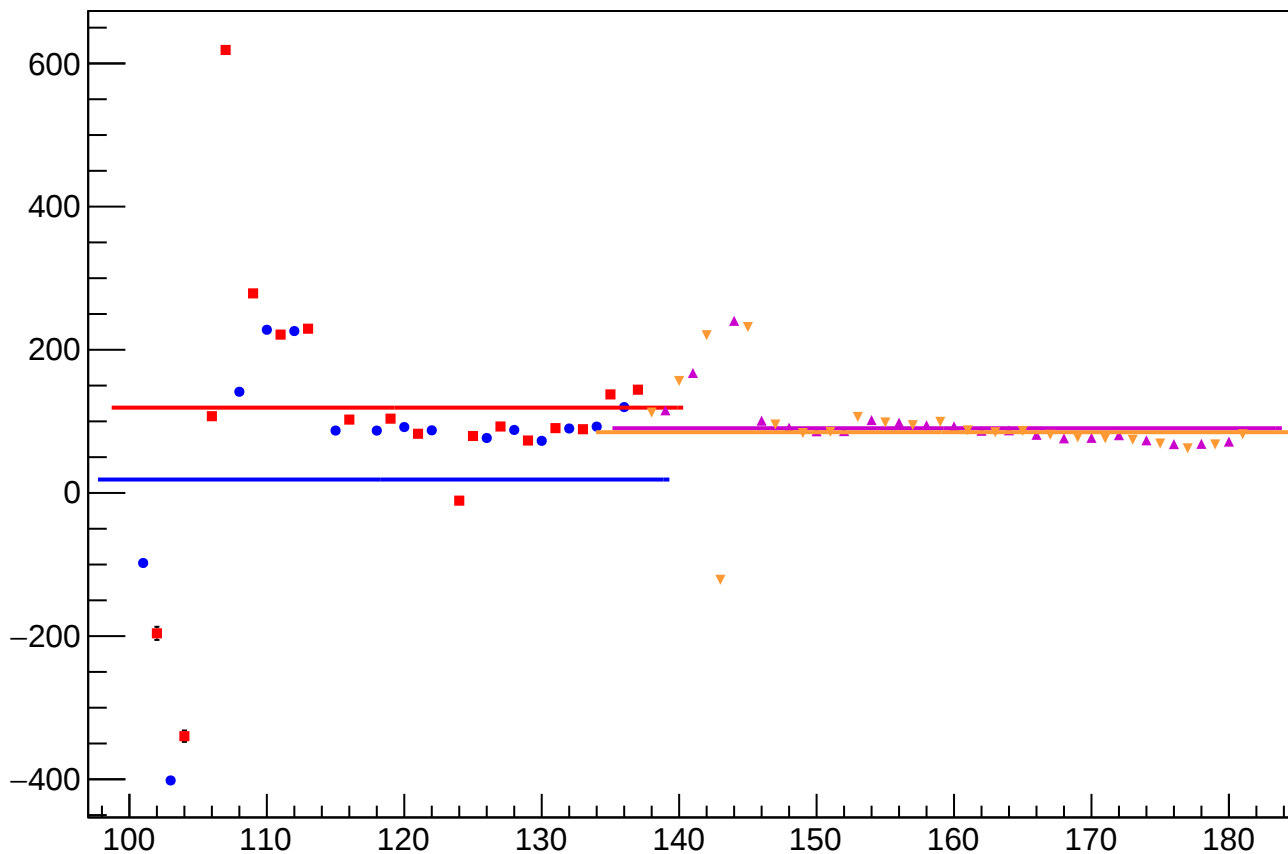
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.485 ± 0.086 $\chi^2/\text{NDF}: 534456.3/35$

Out: -93.233 ± 0.012 $\chi^2/\text{NDF}: 379323.9/40$

All: -92.234 ± 0.012 $\chi^2/\text{NDF}: 1241142.8/76$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 84.837 ± 0.080 $\chi^2/\text{NDF}: 179065.3/22$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 90.407 ± 0.090 $\chi^2/\text{NDF}: 82197.0/20$

Left: 87.267 ± 0.060 $\chi^2/\text{NDF}: 263398.4/43$

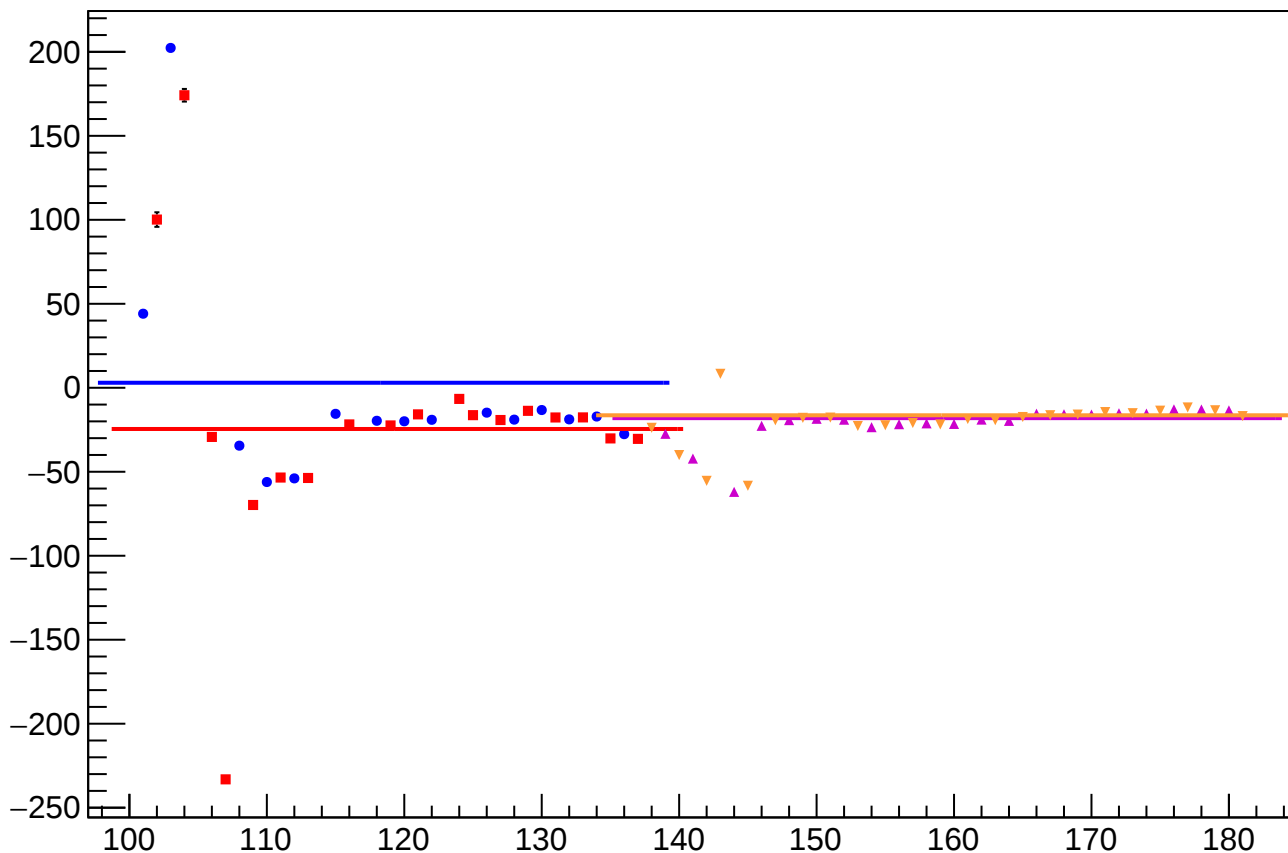
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.665 ± 0.078 $\chi^2/\text{NDF}: 1348052.8/35$

Out: 89.562 ± 0.074 $\chi^2/\text{NDF}: 292115.4/40$

All: 81.067 ± 0.054 $\chi^2/\text{NDF}: 1667992.6/76$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.375 ± 0.011 $\chi^2/\text{NDF}: 580654.7/22$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.077 ± 0.012 $\chi^2/\text{NDF}: 217112.1/20$

Left: -17.124 ± 0.008 $\chi^2/\text{NDF}: 808616.0/43$

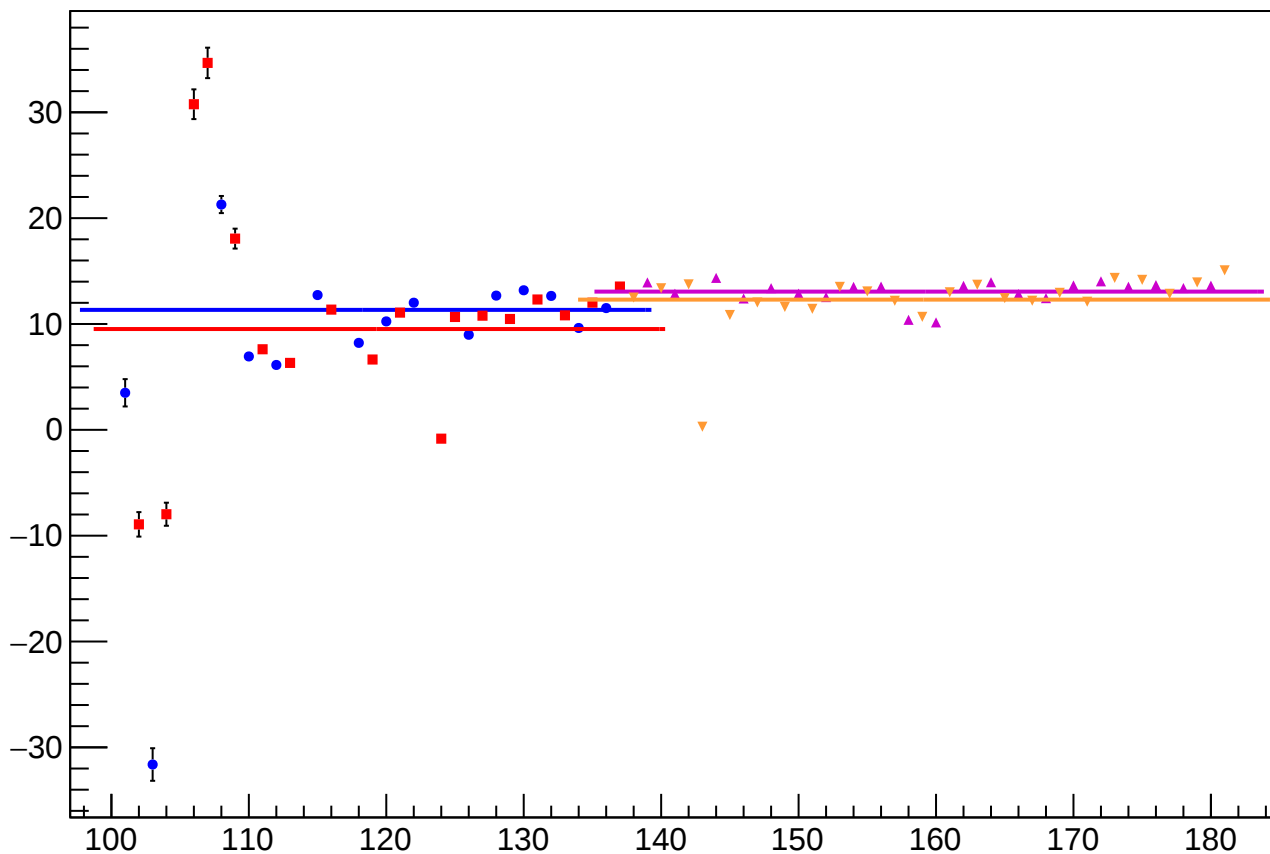
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.467 ± 0.011 $\chi^2/\text{NDF}: 4222654.1/35$

Out: -16.849 ± 0.011 $\chi^2/\text{NDF}: 790077.3/40$

All: -15.725 ± 0.008 $\chi^2/\text{NDF}: 5036944.1/76$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 χ^2/NDF : 2406.0/14

Left Out: 12.302 ± 0.014 χ^2/NDF : 34867.4/22

Right Out: 9.524 ± 0.048 χ^2/NDF : 4066.9/17

Left In: 13.059 ± 0.011 χ^2/NDF : 6617.6/20

Left: 12.758 ± 0.009 χ^2/NDF : 43248.6/43

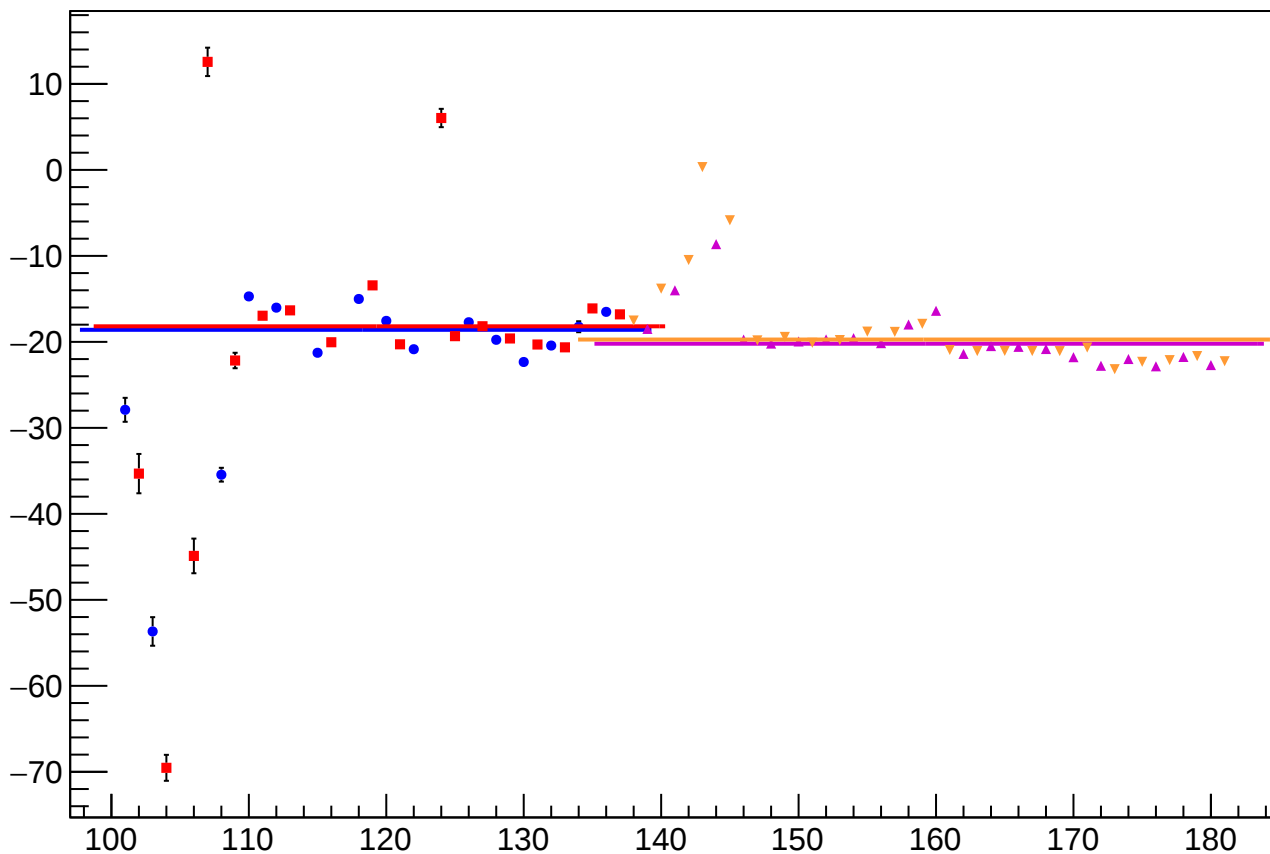
Right: 10.651 ± 0.029 χ^2/NDF : 7358.3/32

In: 12.913 ± 0.011 χ^2/NDF : 10974.8/35

Out: 12.085 ± 0.013 χ^2/NDF : 42021.0/40

All: 12.585 ± 0.008 χ^2/NDF : 55293.0/76

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -19.727 ± 0.015 $\chi^2/\text{NDF}: 65472.6/22$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.214 ± 0.015 $\chi^2/\text{NDF}: 17412.7/20$

Left: -19.967 ± 0.011 $\chi^2/\text{NDF}: 83391.6/43$

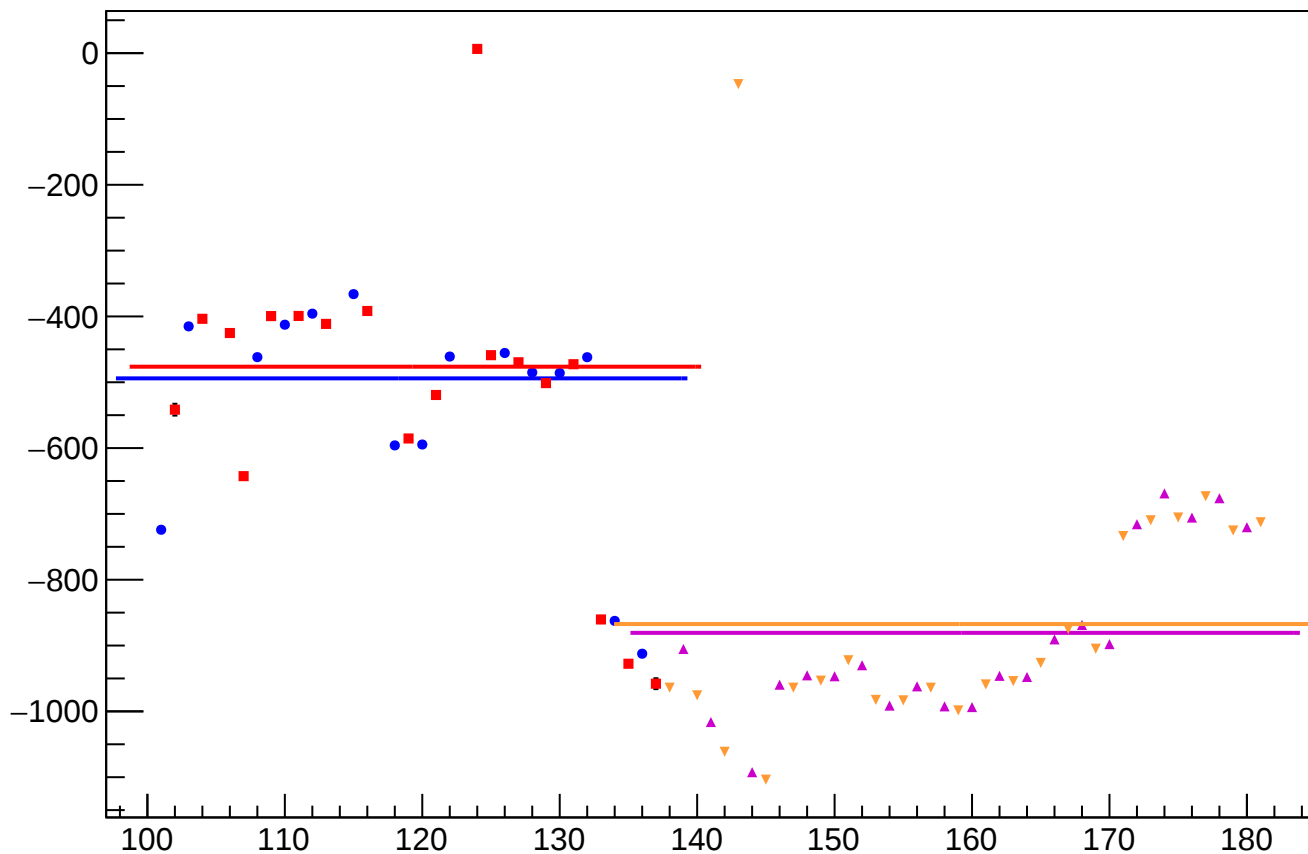
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.977 ± 0.014 $\chi^2/\text{NDF}: 25218.0/35$

Out: -19.595 ± 0.015 $\chi^2/\text{NDF}: 71237.7/40$

All: -19.790 ± 0.010 $\chi^2/\text{NDF}: 96808.9/76$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -867.340 $\pm$ 0.149 χ^2 /NDF: 871831.4/22

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -880.705 $\pm$ 0.149 χ^2 /NDF: 691680.7/20

Left: -874.007 $\pm$ 0.106 χ^2 /NDF: 1567517.9/43

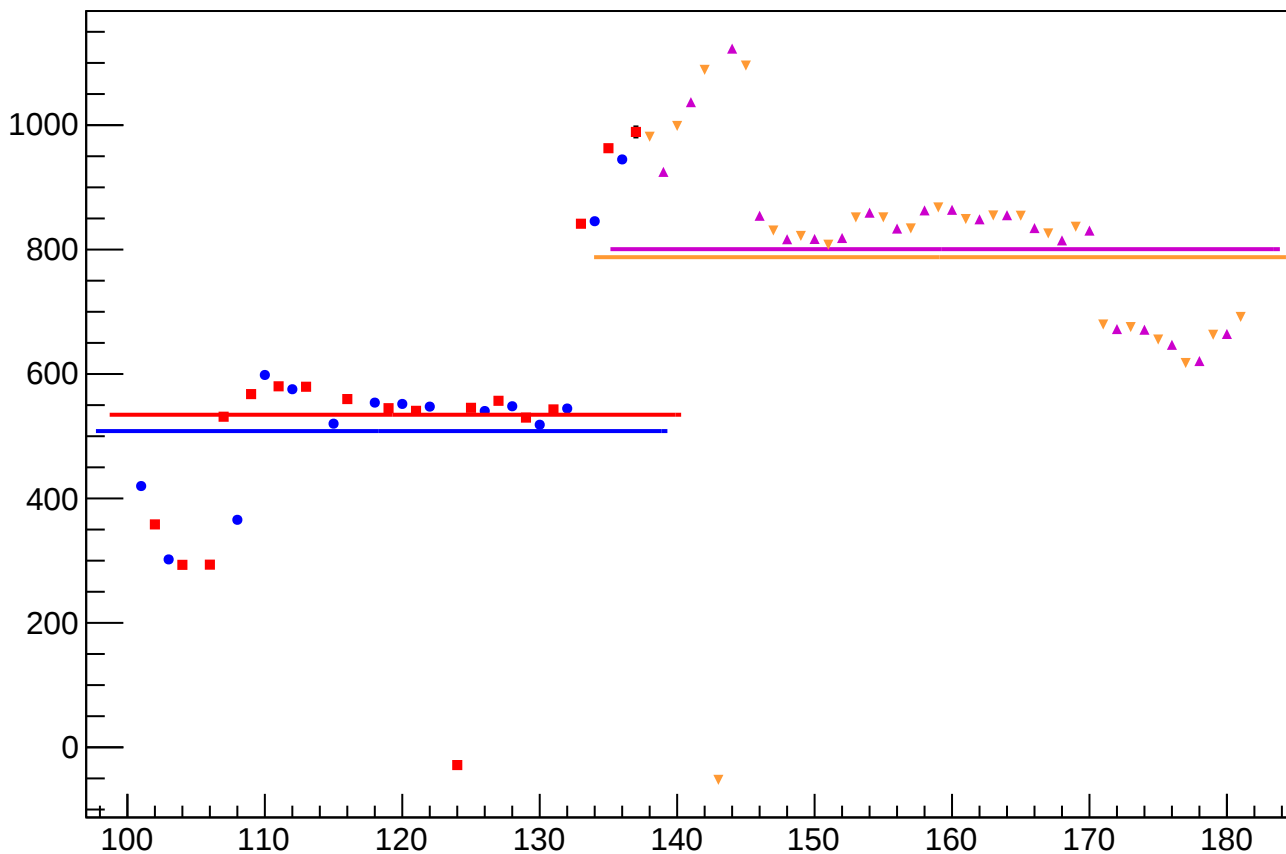
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -767.346 $\pm$ 0.126 χ^2 /NDF: 2978911.2/35

Out: -713.462 $\pm$ 0.116 χ^2 /NDF: 4171027.9/40

All: -738.282 $\pm$ 0.085 χ^2 /NDF: 7249093.3/76

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 787.782+/-0.123 χ^2/NDF : 828513.2/22

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 800.673+/-0.125 χ^2/NDF : 586193.6/20

Left: 794.133+/-0.088 χ^2/NDF : 1420107.4/43

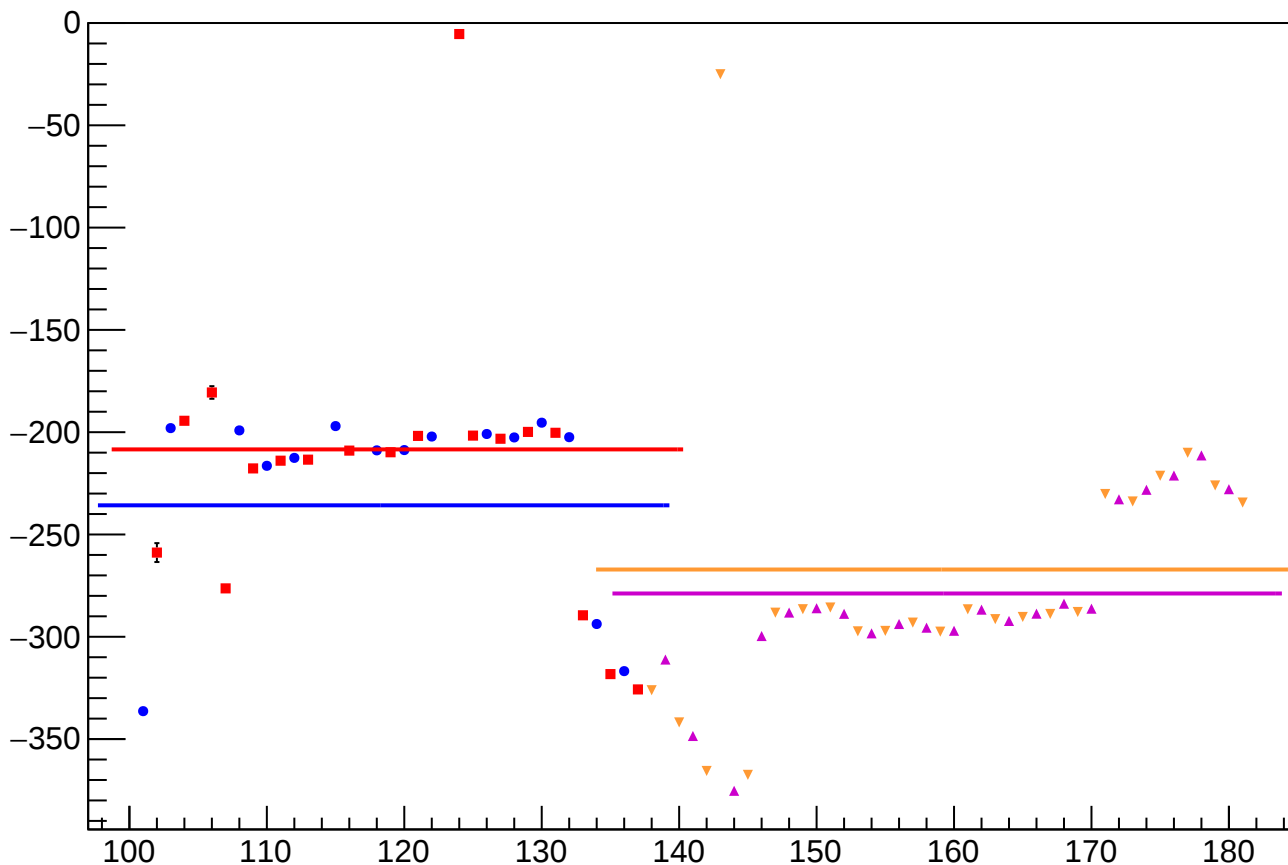
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 730.175+/-0.109 χ^2/NDF : 2346205.6/35

Out: 726.181+/-0.107 χ^2/NDF : 2225796.3/40

All: 728.146+/-0.076 χ^2/NDF : 4572686.1/76

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 $\pm$ 0.055 χ^2 /NDF: 876219.5/14

Left Out: -267.124 $\pm$ 0.022 χ^2 /NDF: 7164577.2/22

Right Out: -208.413 $\pm$ 0.047 χ^2 /NDF: 375009.3/17

Left In: -278.841 $\pm$ 0.022 χ^2 /NDF: 2133710.5/20

Left: -272.932 $\pm$ 0.016 χ^2 /NDF: 9435892.2/43

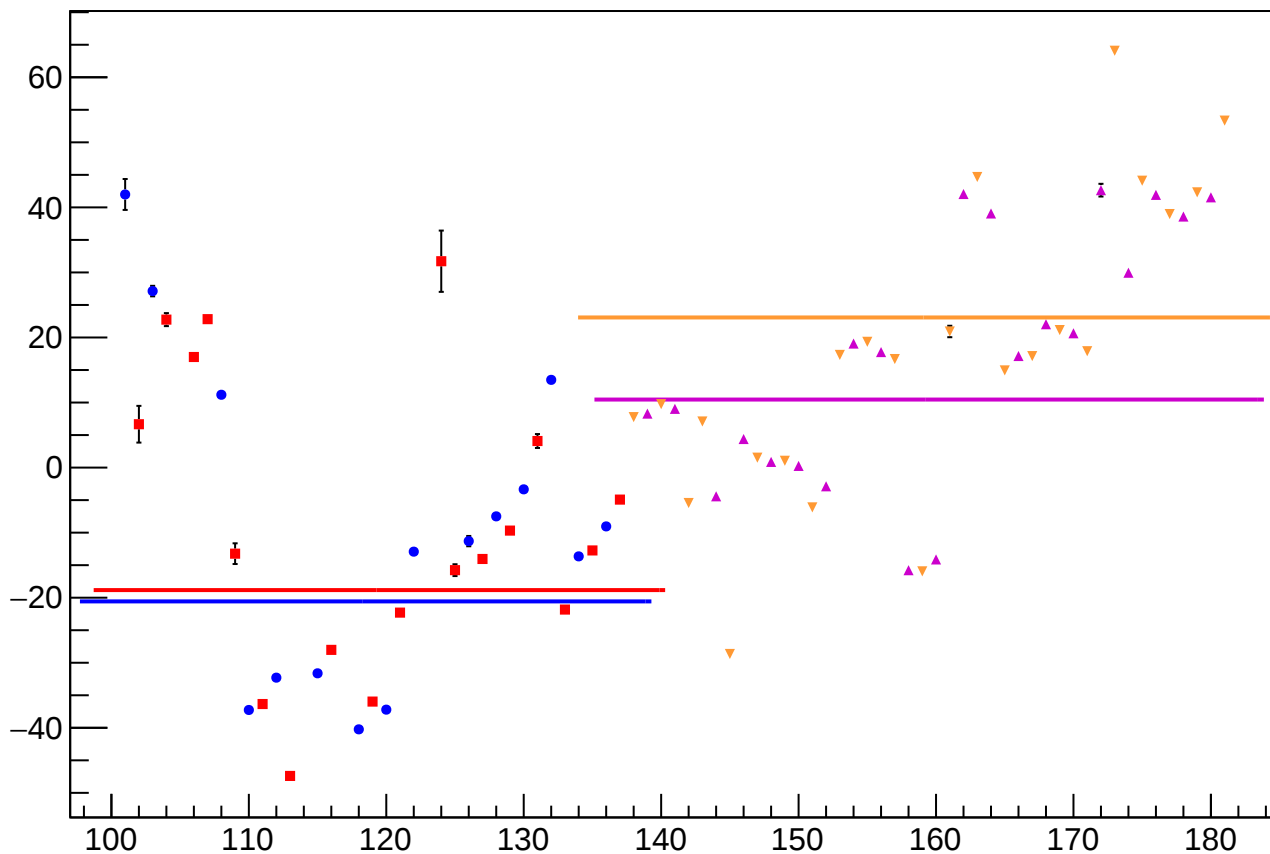
Right: -219.823 $\pm$ 0.036 χ^2 /NDF: 1393978.3/32

In: -272.738 $\pm$ 0.021 χ^2 /NDF: 3532612.0/35

Out: -256.287 $\pm$ 0.020 χ^2 /NDF: 8825930.7/40

All: -264.231 $\pm$ 0.014 χ^2 /NDF: 12682569.0/77

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 23.078 ± 0.020 χ^2/NDF : 1015082.5/22

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 10.459 ± 0.018 χ^2/NDF : 1182790.8/20

Left: 16.319 ± 0.013 χ^2/NDF : 2415218.0/43

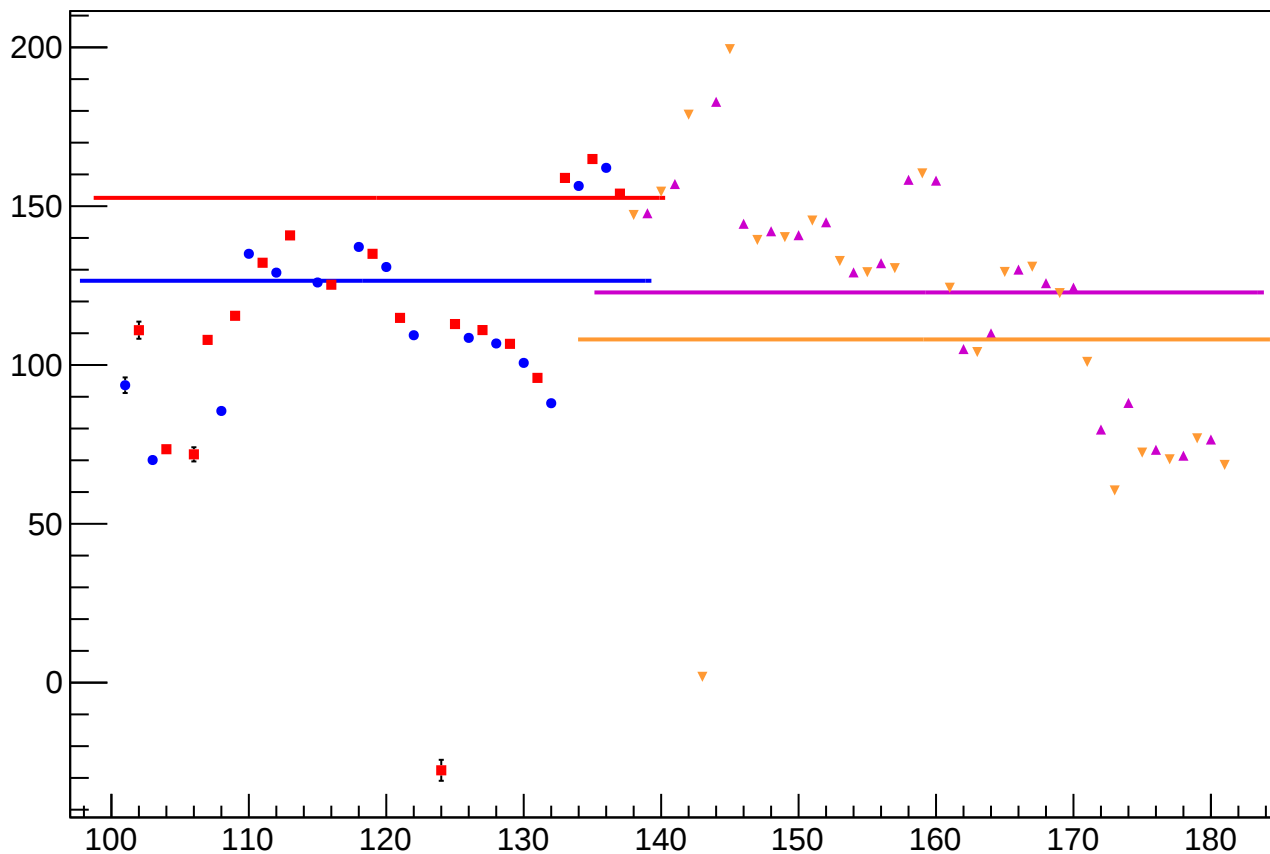
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 8.515 ± 0.018 χ^2/NDF : 1423517.7/35

Out: 21.714 ± 0.019 χ^2/NDF : 1181601.4/40

All: 14.540 ± 0.013 χ^2/NDF : 2854518.3/76

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 108.049 $\pm$ 0.024 χ^2 /NDF:1807267.5/22

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 122.844 $\pm$ 0.025 χ^2 /NDF:1400064.0/20

Left: 115.361 $\pm$ 0.017 χ^2 /NDF: 3389468.4/43

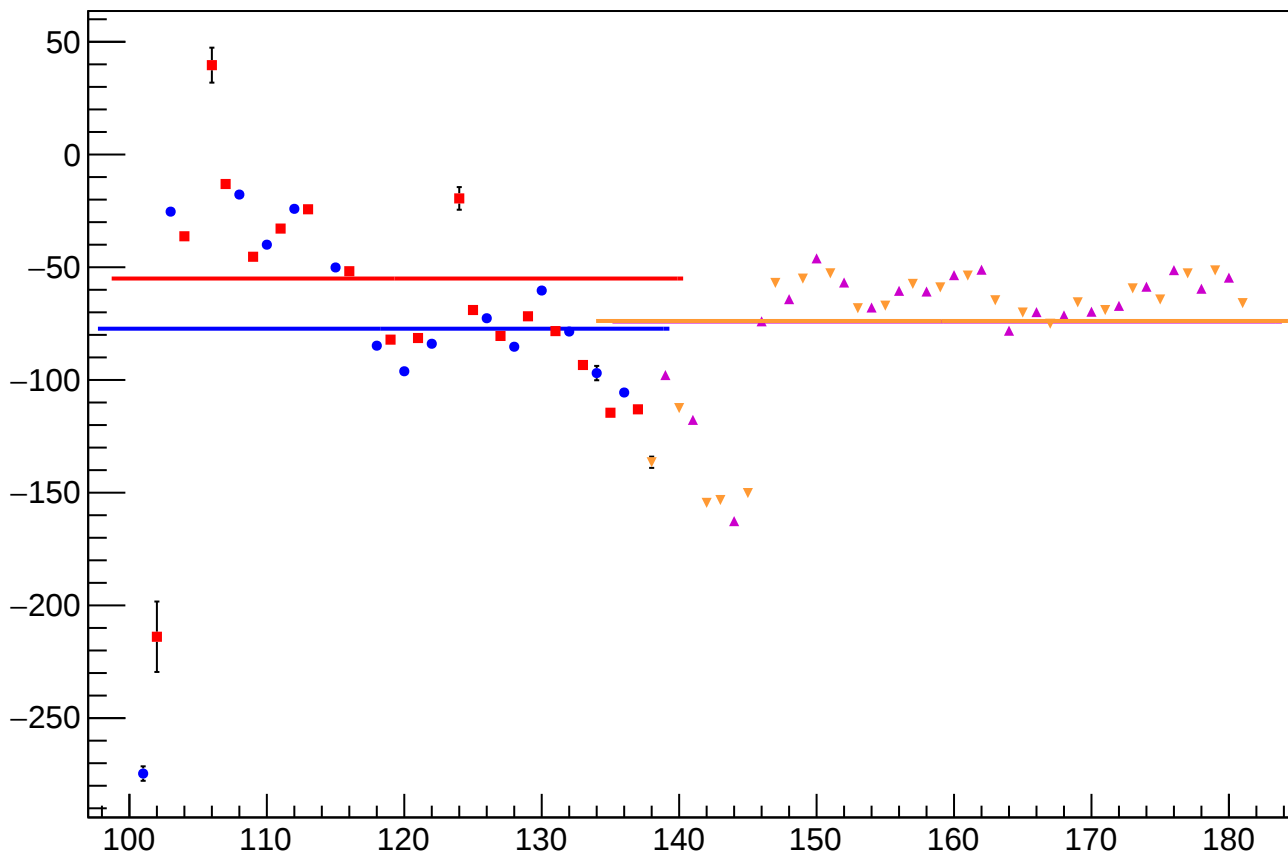
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 123.135 $\pm$ 0.024 χ^2 /NDF:1516792.1/35

Out: 125.522 $\pm$ 0.019 χ^2 /NDF:3192408.1/40

All: 124.586 $\pm$ 0.015 χ^2 /NDF: 4715385.3/76

dit_atr1_4aX_slope vs Slug, Sign Corrected



Left: -73.960 ± 0.080 $\chi^2/\text{NDF: } 133282.1/43$

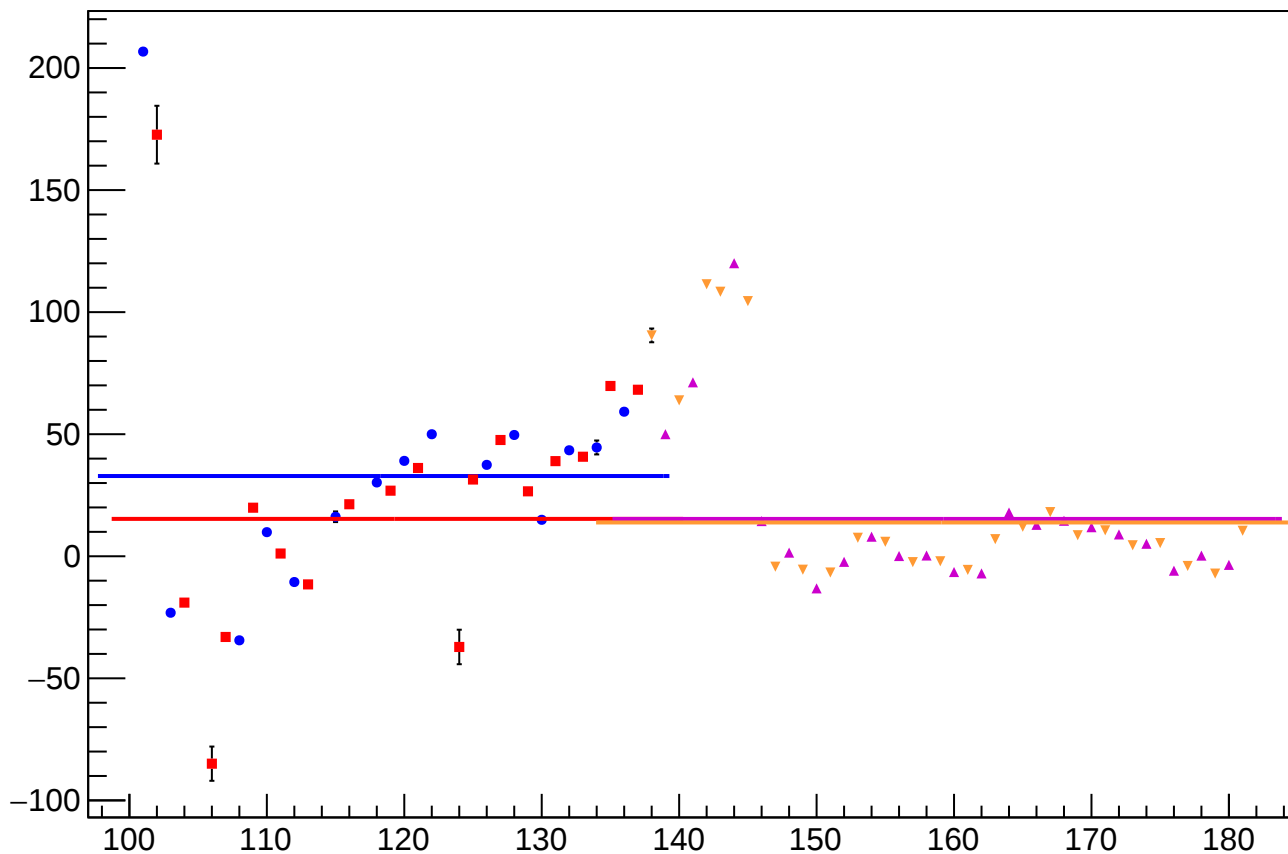
Right: -68.980 ± 0.116 $\chi^2/\text{NDF: } 62576.3/32$

In: -75.269 ± 0.089 $\chi^2/\text{NDF: } 98769.8/35$

Out: -68.860 ± 0.098 $\chi^2/\text{NDF: } 95996.0/40$

All: -72.348 ± 0.066 $\chi^2/\text{NDF: } 197104.0/76$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 13.842 $\pm$ 0.100 χ^2 /NDF:96215.6/22

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 15.294 $\pm$ 0.100 χ^2 /NDF:96298.0/20

Left: 14.563 $\pm$ 0.071 χ^2 /NDF: 192619.2/43

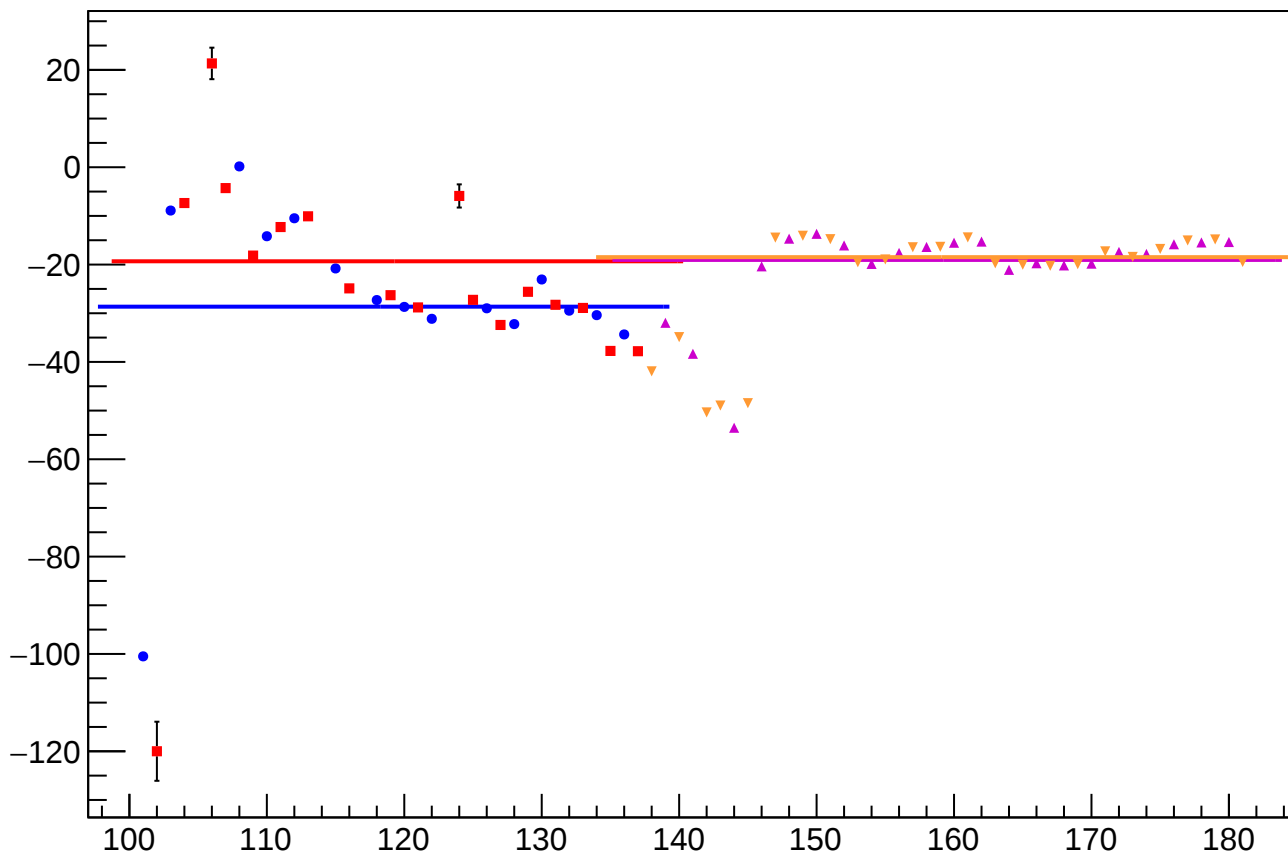
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 20.924 $\pm$ 0.083 χ^2 /NDF:137537.7/35

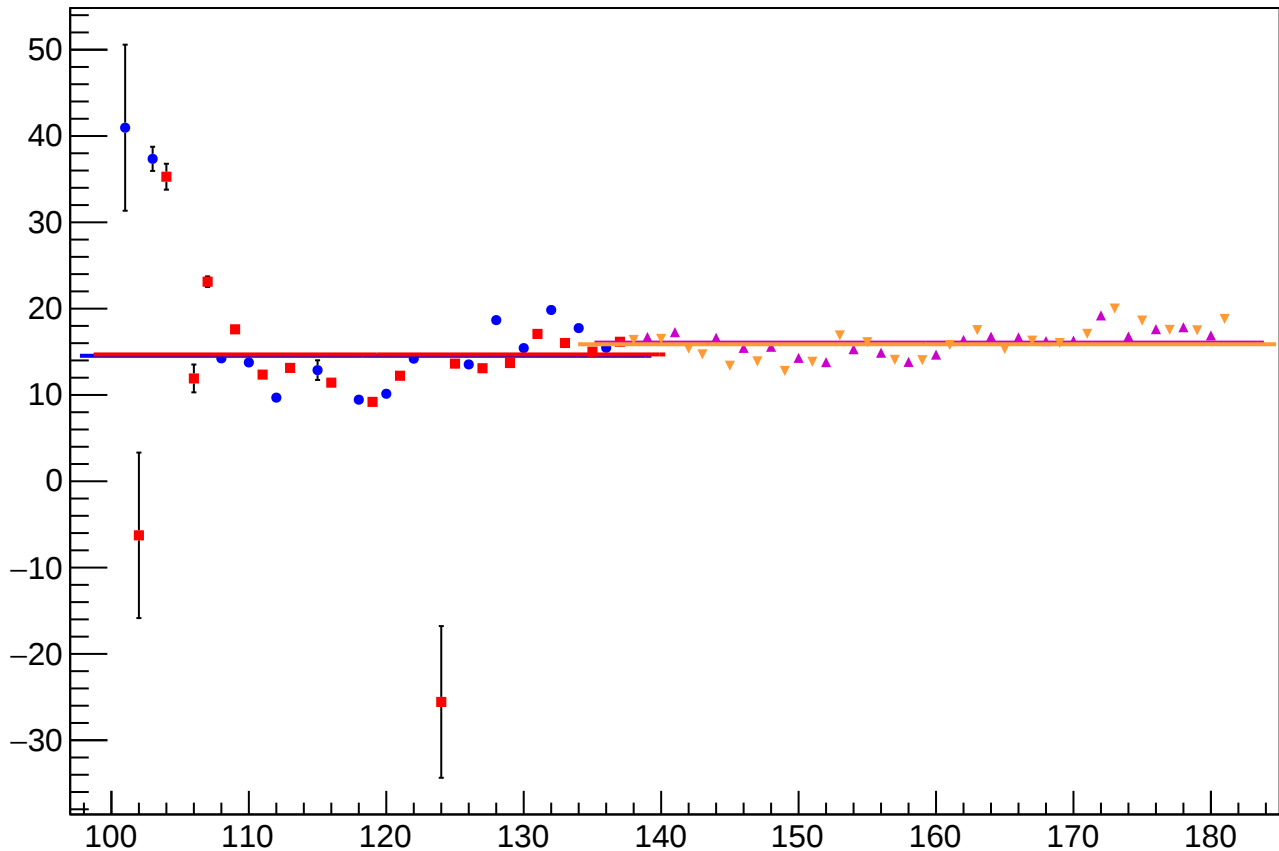
Out: 14.112 $\pm$ 0.090 χ^2 /NDF:113001.5/40

All: 17.805 $\pm$ 0.061 χ^2 /NDF: 253650.4/76

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.873+/-0.014 χ^2/NDF :12855.1/22

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.066+/-0.013 χ^2/NDF :11119.6/20

Left: 15.978+/-0.009 χ^2/NDF : 24079.5/43

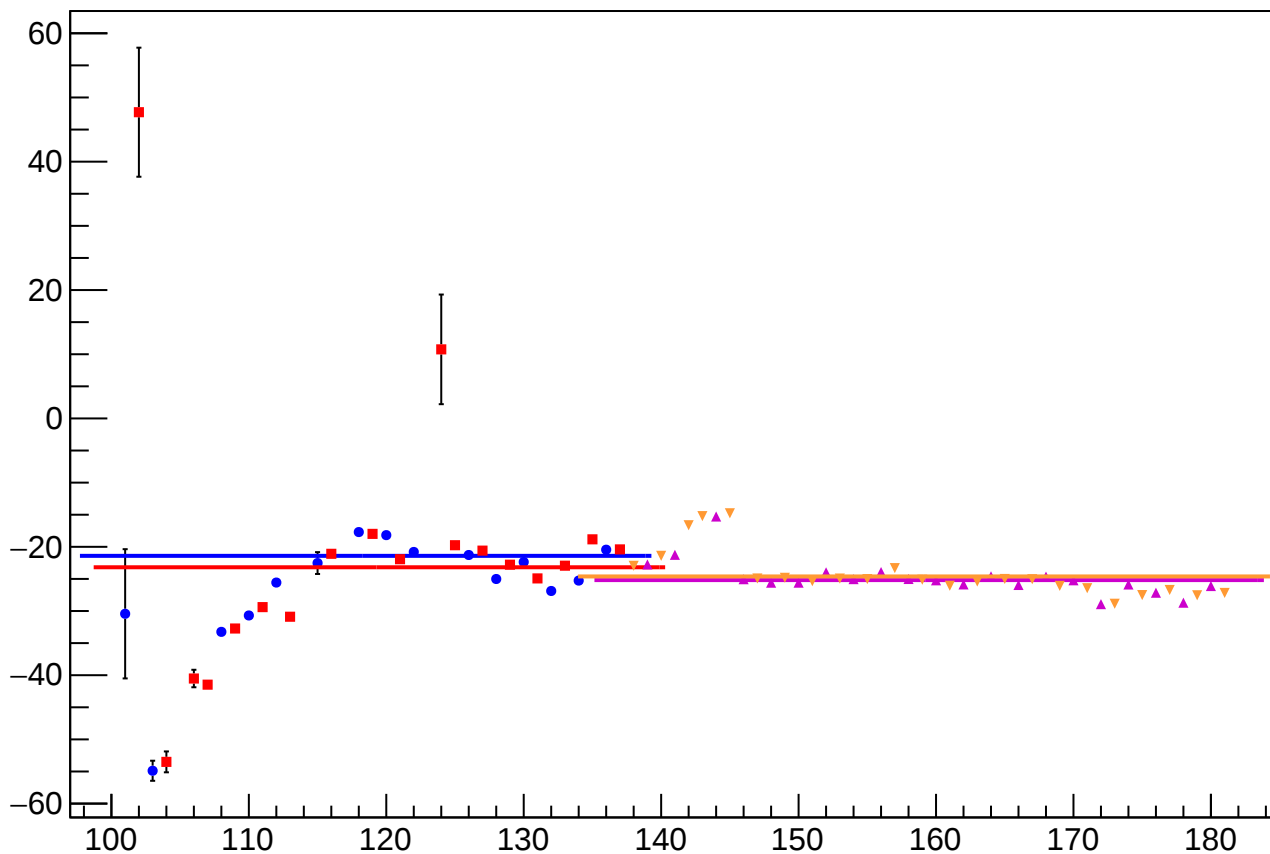
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.828+/-0.012 χ^2/NDF :25408.2/35

Out: 15.764+/-0.013 χ^2/NDF :15152.9/40

All: 15.800+/-0.009 χ^2/NDF : 40574.4/76

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.615 ± 0.016 $\chi^2/\text{NDF}: 43515.8/22$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.183 ± 0.016 $\chi^2/\text{NDF}: 14351.5/20$

Left: -24.897 ± 0.011 $\chi^2/\text{NDF}: 58486.1/43$

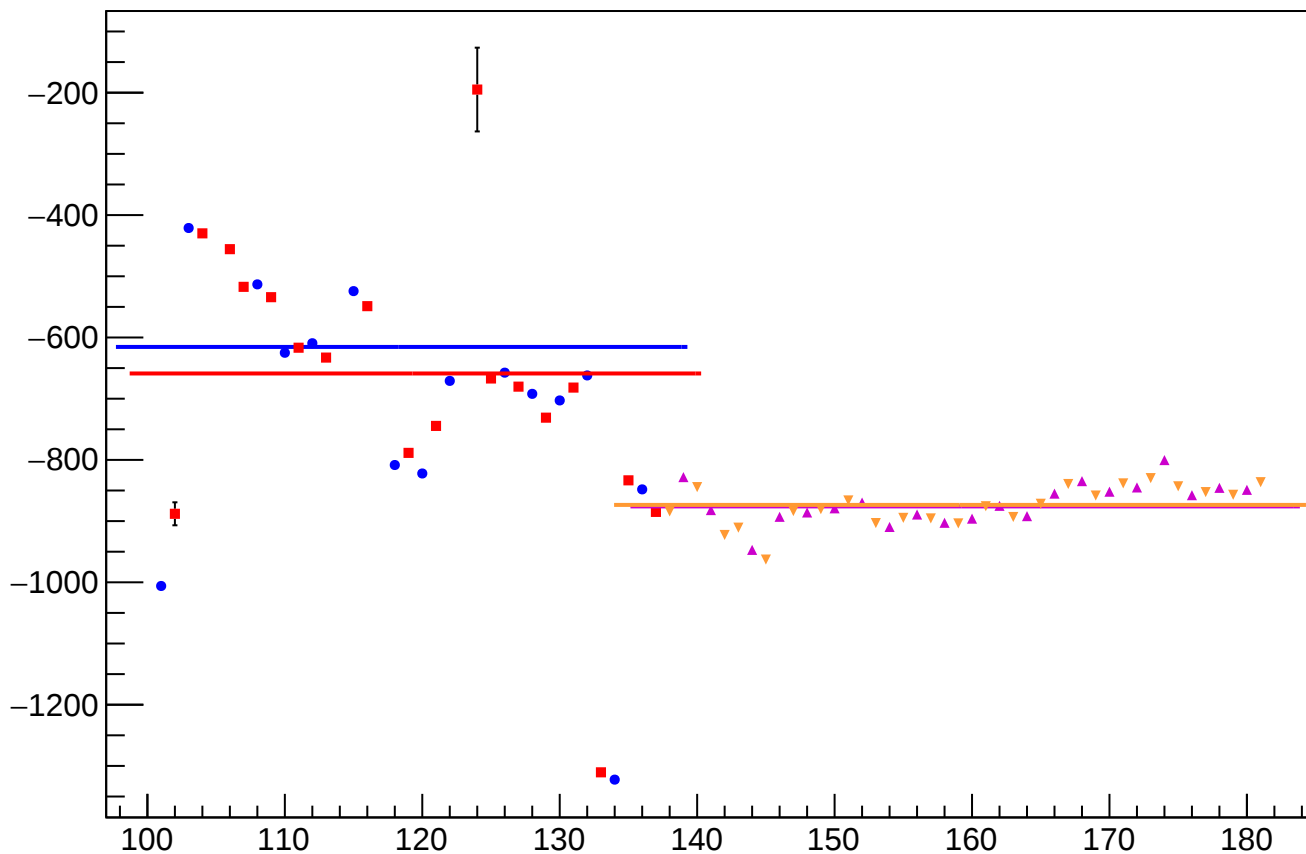
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.533 ± 0.015 $\chi^2/\text{NDF}: 33373.7/35$

Out: -24.486 ± 0.015 $\chi^2/\text{NDF}: 53353.4/40$

All: -24.510 ± 0.011 $\chi^2/\text{NDF}: 86732.2/76$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 χ^2/NDF : 382819.1/14

Left Out: -873.539 ± 0.132 χ^2/NDF : 44357.4/22

Right Out: -658.787 ± 0.256 χ^2/NDF : 385262.6/17

Left In: -875.999 ± 0.126 χ^2/NDF : 50507.4/20

Left: -874.827 ± 0.091 χ^2/NDF : 95046.8/43

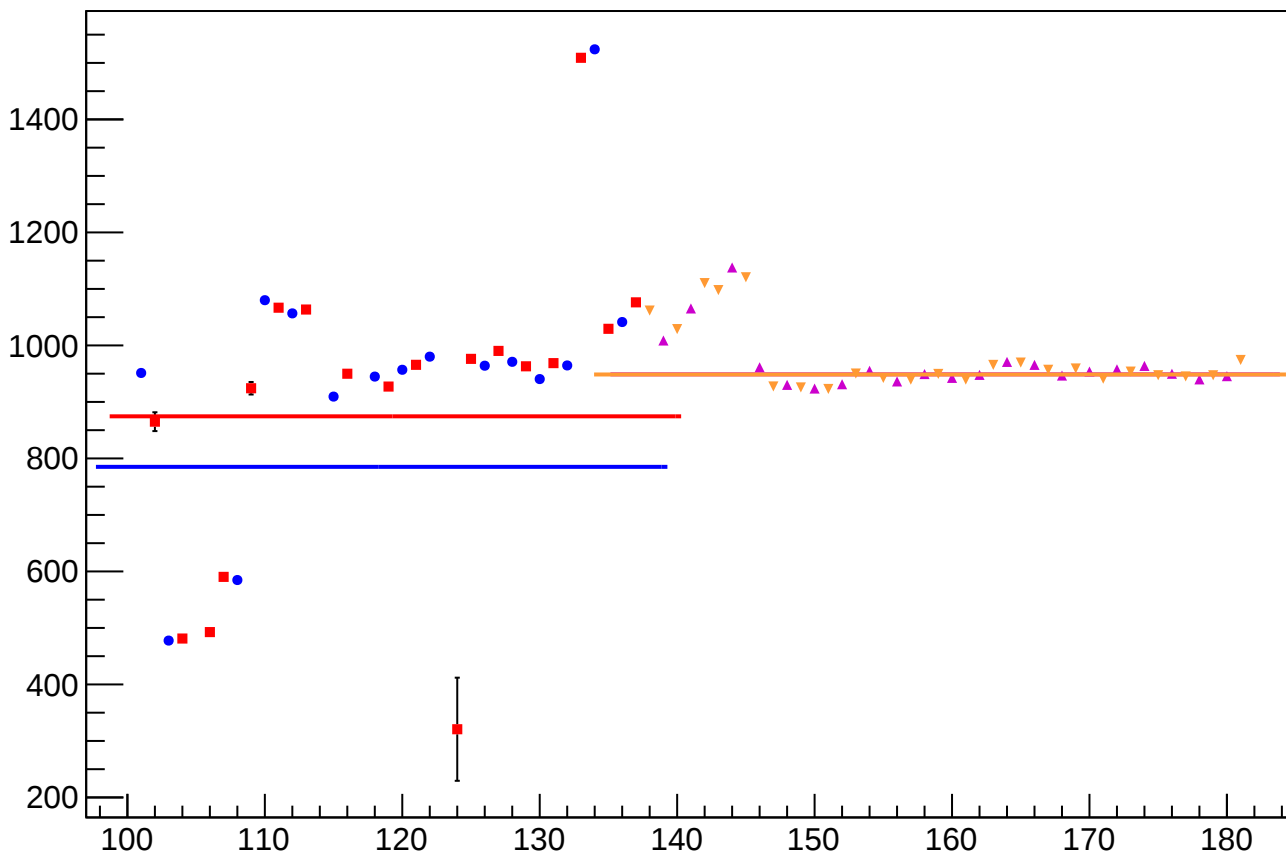
Right: -635.464 ± 0.174 χ^2/NDF : 783480.4/32

In: -818.893 ± 0.111 χ^2/NDF : 1372504.9/35

Out: -828.525 ± 0.117 χ^2/NDF : 984539.4/40

All: -823.451 ± 0.081 χ^2/NDF : 2360593.4/76

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.567 $\pm$ 0.104 χ^2 /NDF: 73236.6/22

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 948.814 $\pm$ 0.104 χ^2 /NDF: 76745.0/20

Left: 948.690 $\pm$ 0.074 χ^2 /NDF: 149984.5/43

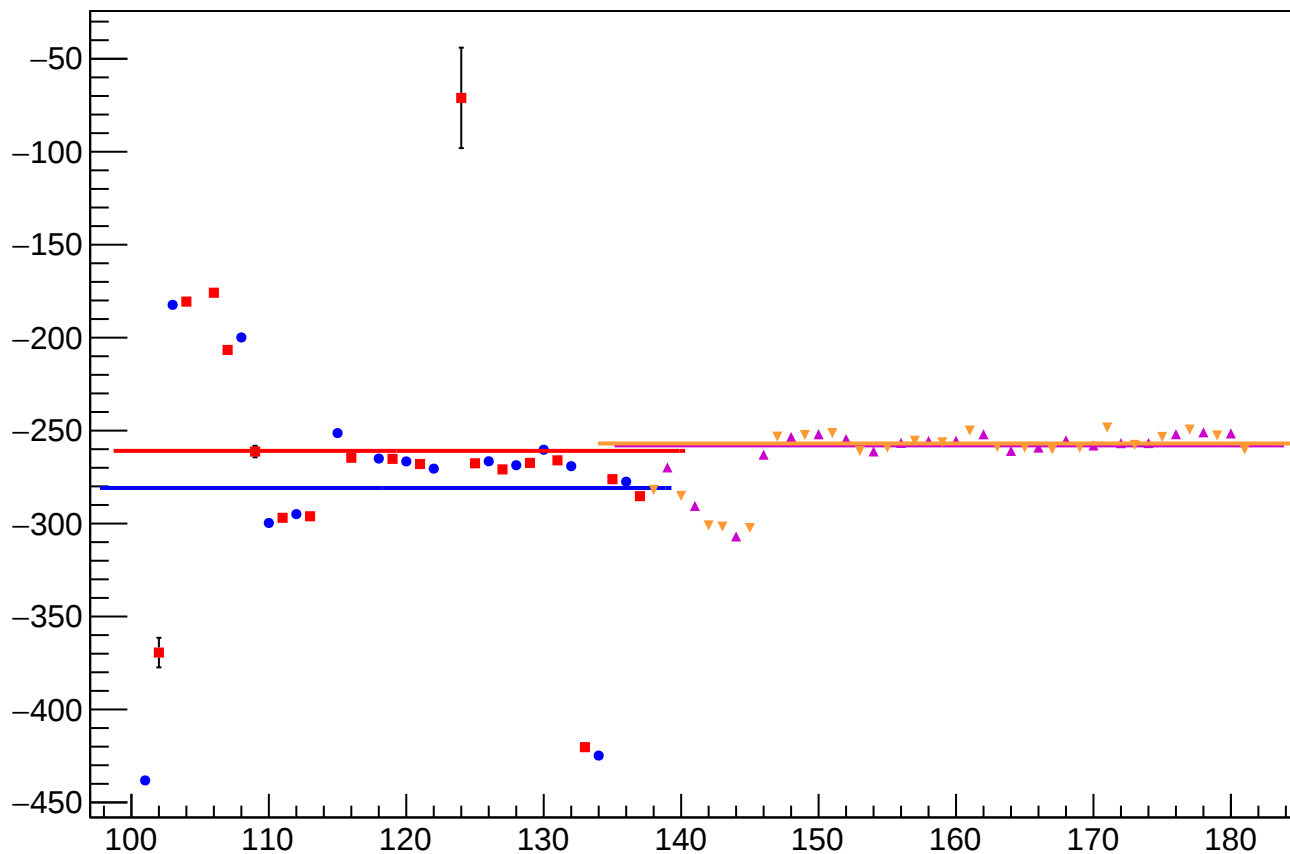
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 920.444 $\pm$ 0.095 χ^2 /NDF: 1389017.1/35

Out: 938.425 $\pm$ 0.097 χ^2 /NDF: 985135.6/40

All: 929.269 $\pm$ 0.068 χ^2 /NDF: 2391761.5/76

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.928 ± 0.019 $\chi^2/\text{NDF}: 184217.0/22$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -257.942 ± 0.019 $\chi^2/\text{NDF}: 207384.0/20$

Left: -257.448 ± 0.013 $\chi^2/\text{NDF}: 393014.8/43$

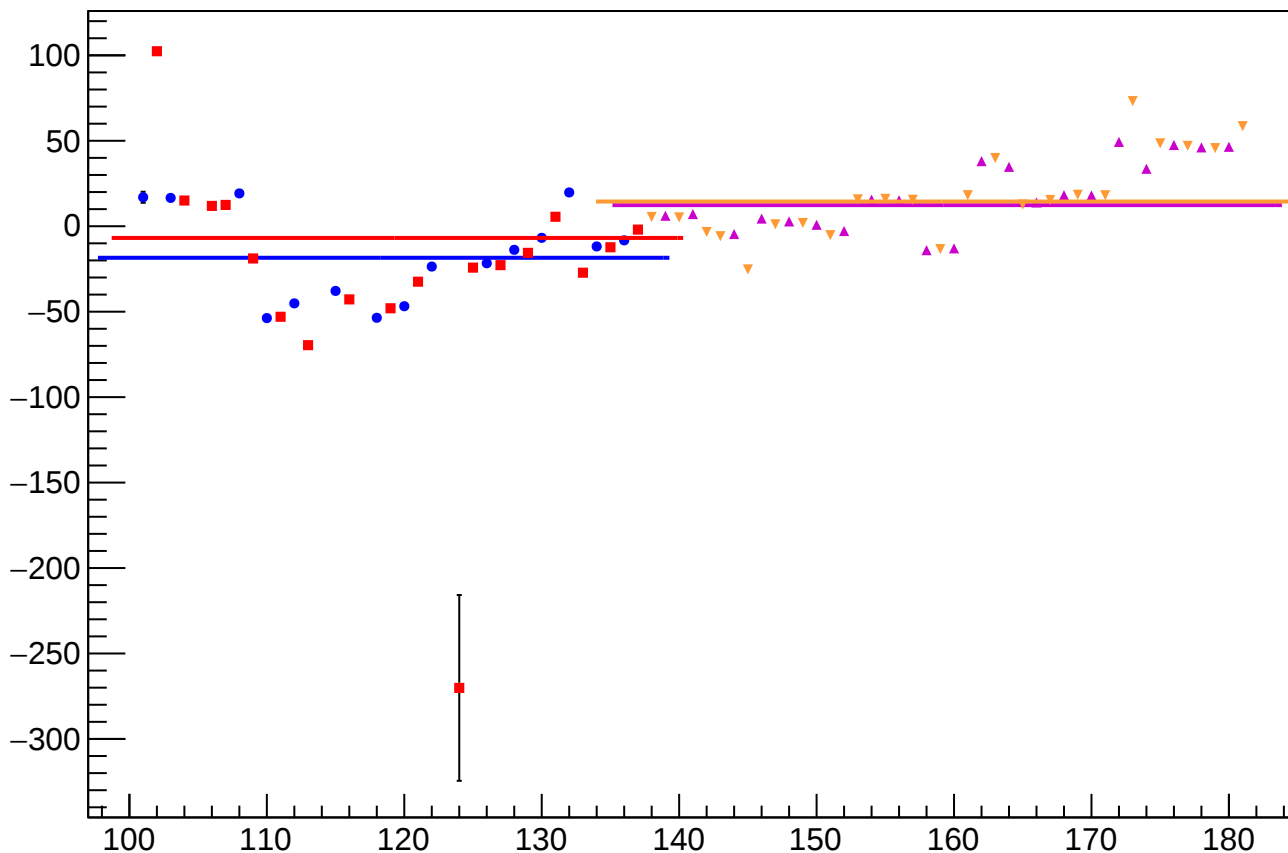
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -260.091 ± 0.018 $\chi^2/\text{NDF}: 1219877.0/35$

Out: -257.228 ± 0.019 $\chi^2/\text{NDF}: 535125.4/40$

All: -258.710 ± 0.013 $\chi^2/\text{NDF}: 1767305.8/76$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 14.457 ± 0.020 $\chi^2/\text{NDF}: 826882.0/22$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 12.347 ± 0.019 $\chi^2/\text{NDF}: 907868.2/20$

Left: 13.353 ± 0.014 $\chi^2/\text{NDF}: 1740652.1/43$

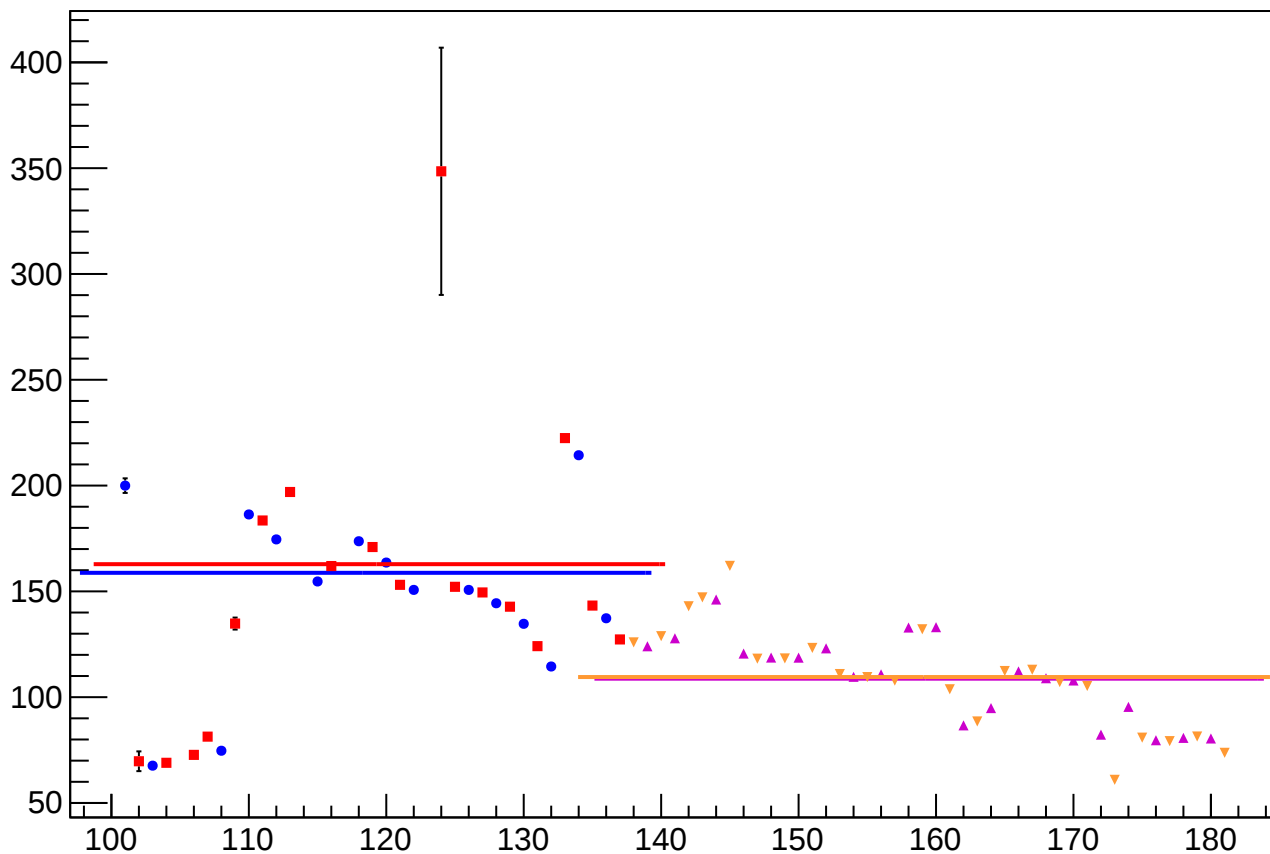
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.072 ± 0.019 $\chi^2/\text{NDF}: 1063595.6/35$

Out: 12.615 ± 0.019 $\chi^2/\text{NDF}: 976300.7/40$

All: 11.826 ± 0.013 $\chi^2/\text{NDF}: 2043271.9/76$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 109.514 ± 0.023 χ^2/NDF : 501968.1/22

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 108.737 ± 0.020 χ^2/NDF : 653010.2/20

Left: 109.067 ± 0.015 χ^2/NDF : 1155609.3/43

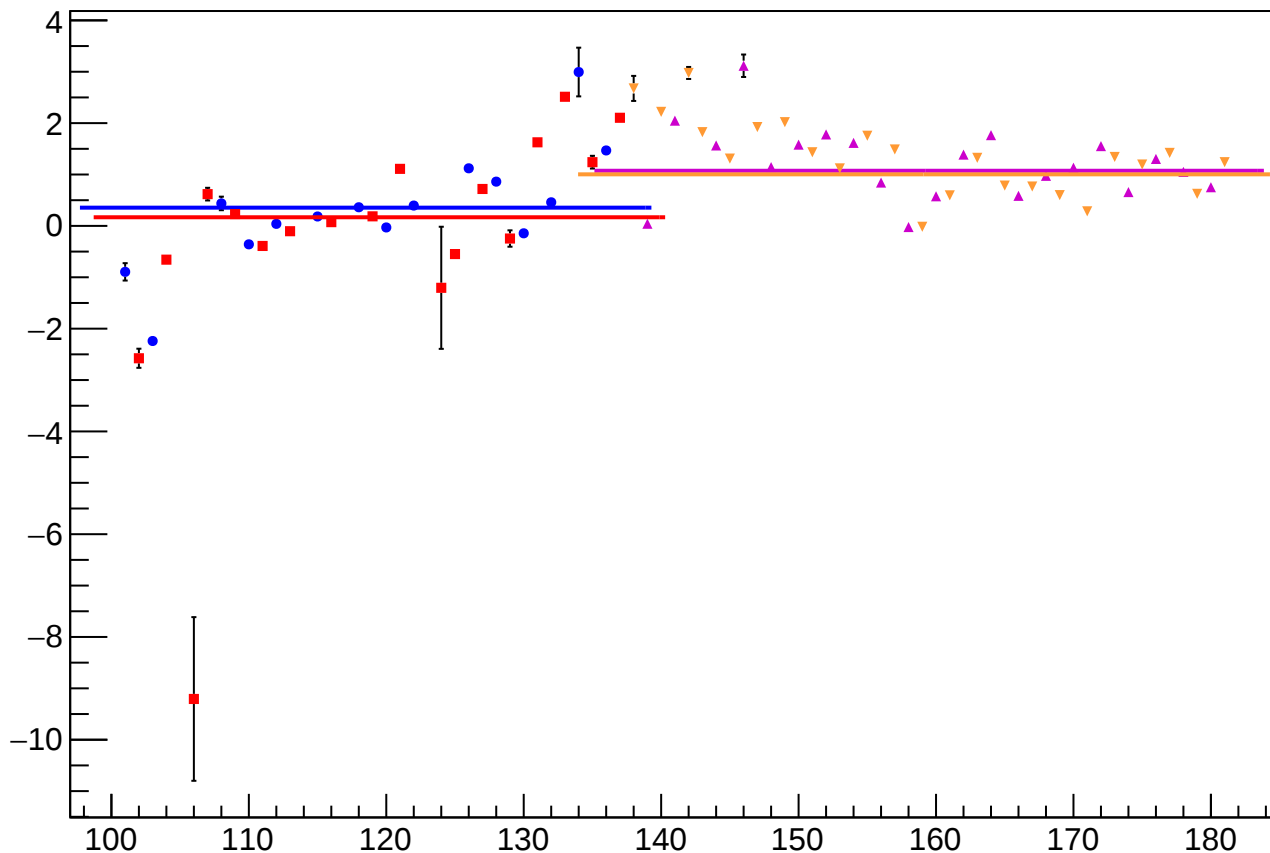
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 111.214 ± 0.020 χ^2/NDF : 1117161.3/35

Out: 112.694 ± 0.023 χ^2/NDF : 965749.0/40

All: 111.846 ± 0.015 χ^2/NDF : 2085331.3/76

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.003 ± 0.007 χ^2/NDF : 6502.7/22

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.073 ± 0.007 χ^2/NDF : 7151.3/20

Left: 1.040 ± 0.005 χ^2/NDF : 13706.4/43

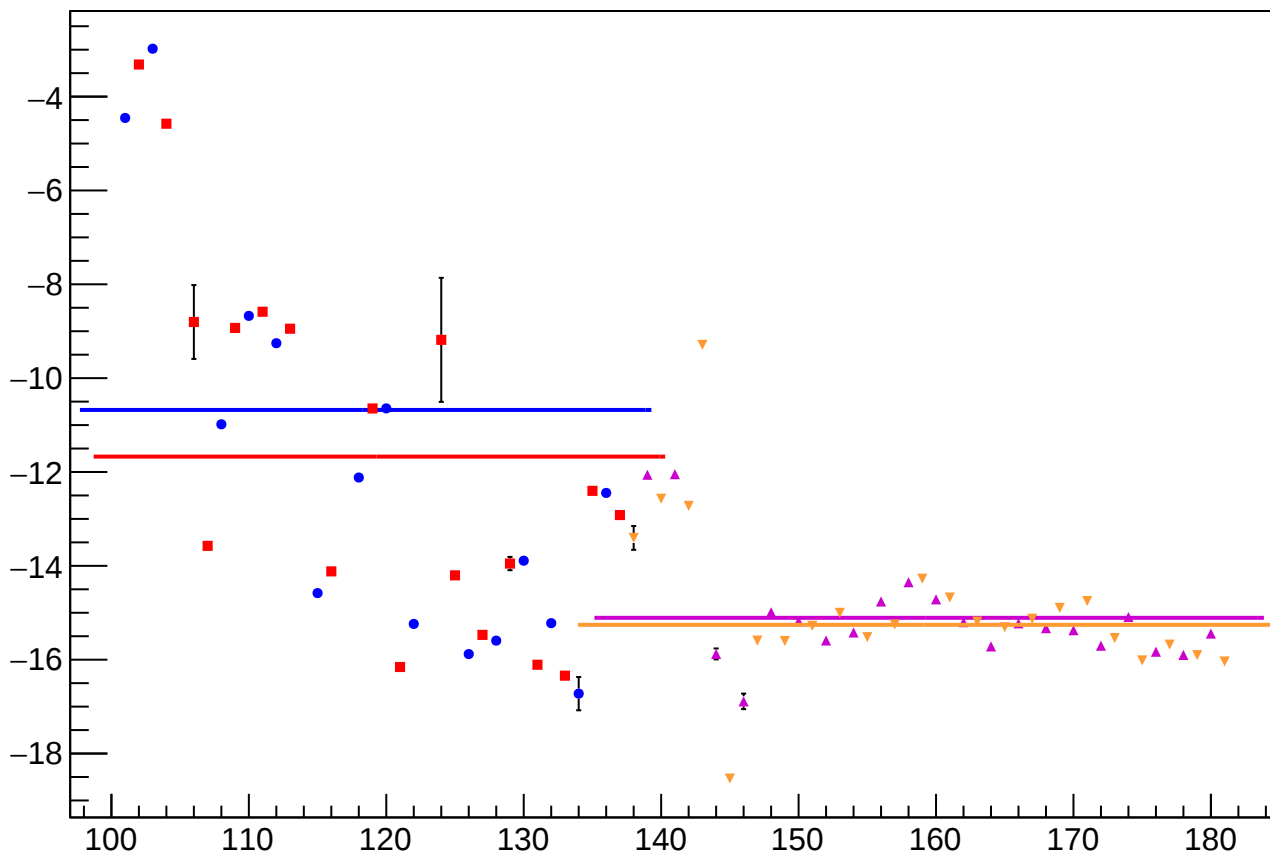
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.900 ± 0.006 χ^2/NDF : 13990.3/35

Out: 0.626 ± 0.005 χ^2/NDF : 17645.7/40

All: 0.747 ± 0.004 χ^2/NDF : 32888.2/76

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.257 ± 0.006 $\chi^2/\text{NDF}: 40156.6/22$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.108 ± 0.006 $\chi^2/\text{NDF}: 14329.3/20$

Left: -15.187 ± 0.004 $\chi^2/\text{NDF}: 54827.6/43$

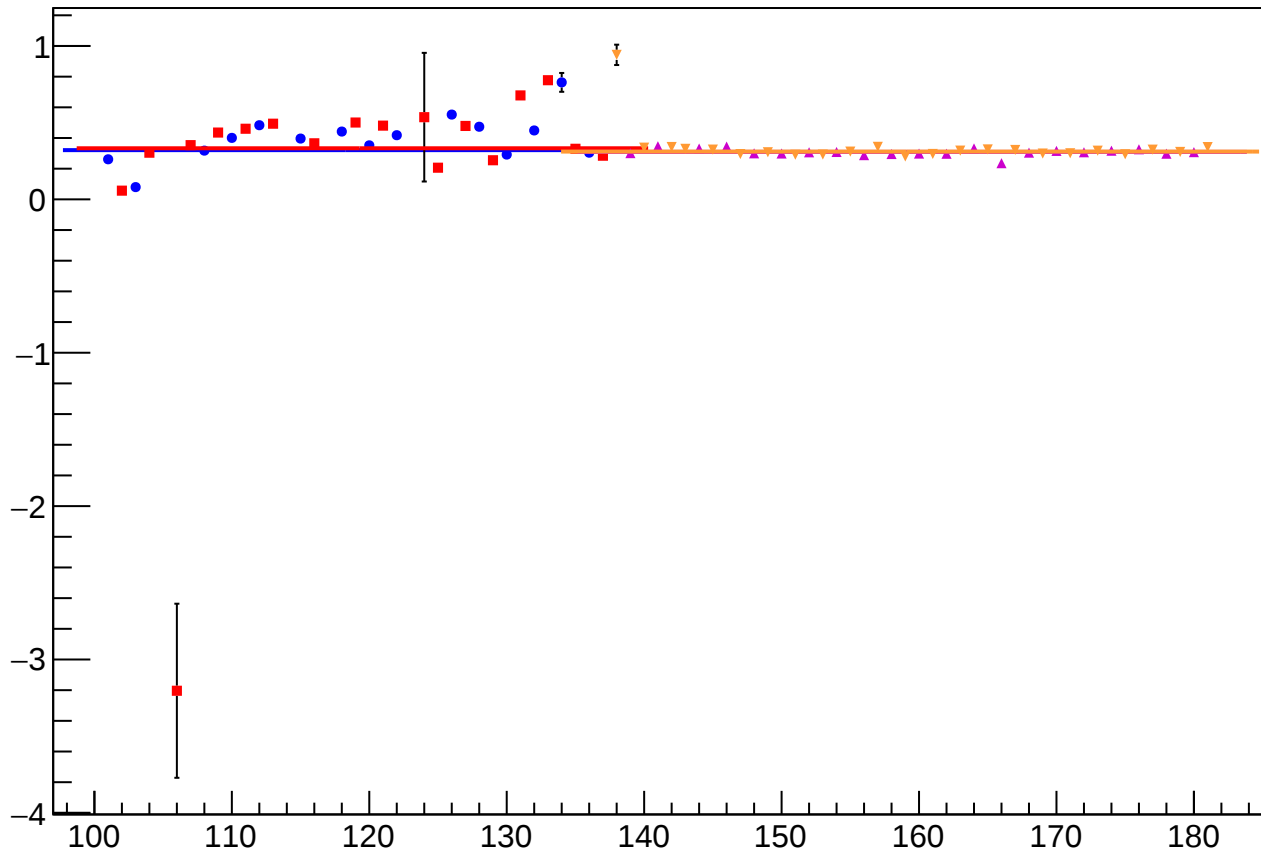
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.012 ± 0.005 $\chi^2/\text{NDF}: 380944.7/35$

Out: -14.598 ± 0.005 $\chi^2/\text{NDF}: 225397.0/40$

All: -14.312 ± 0.004 $\chi^2/\text{NDF}: 613056.7/76$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 5343.4/22

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2991.9/20

Left: 0.310+/-0.000 χ^2/NDF : 8377.6/43

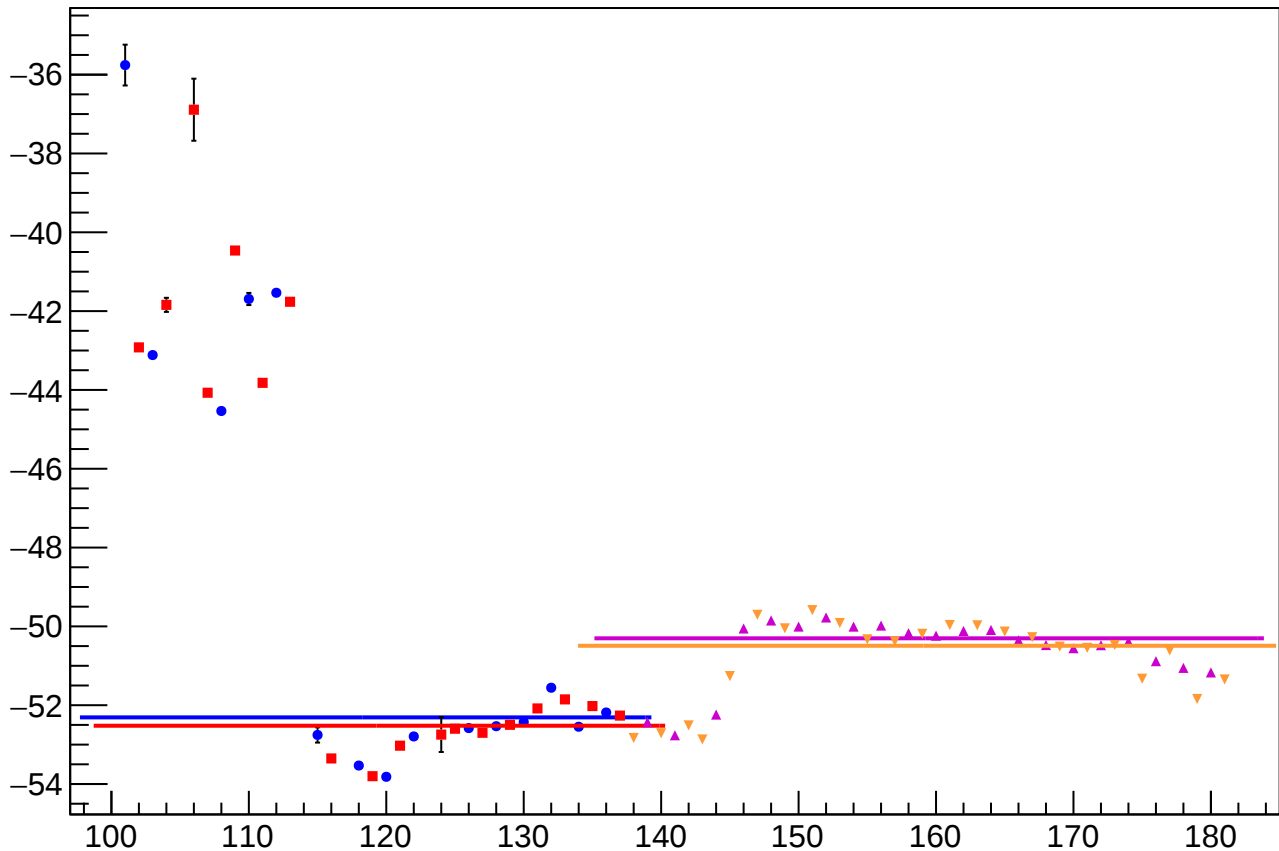
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.6/35

Out: 0.312+/-0.000 χ^2/NDF : 9800.2/40

All: 0.311+/-0.000 χ^2/NDF : 16997.2/76

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.492 ± 0.001 χ^2/NDF : 273502.1/22

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.303 ± 0.001 χ^2/NDF : 174534.5/20

Left: -50.386 ± 0.001 χ^2/NDF : 457388.3/43

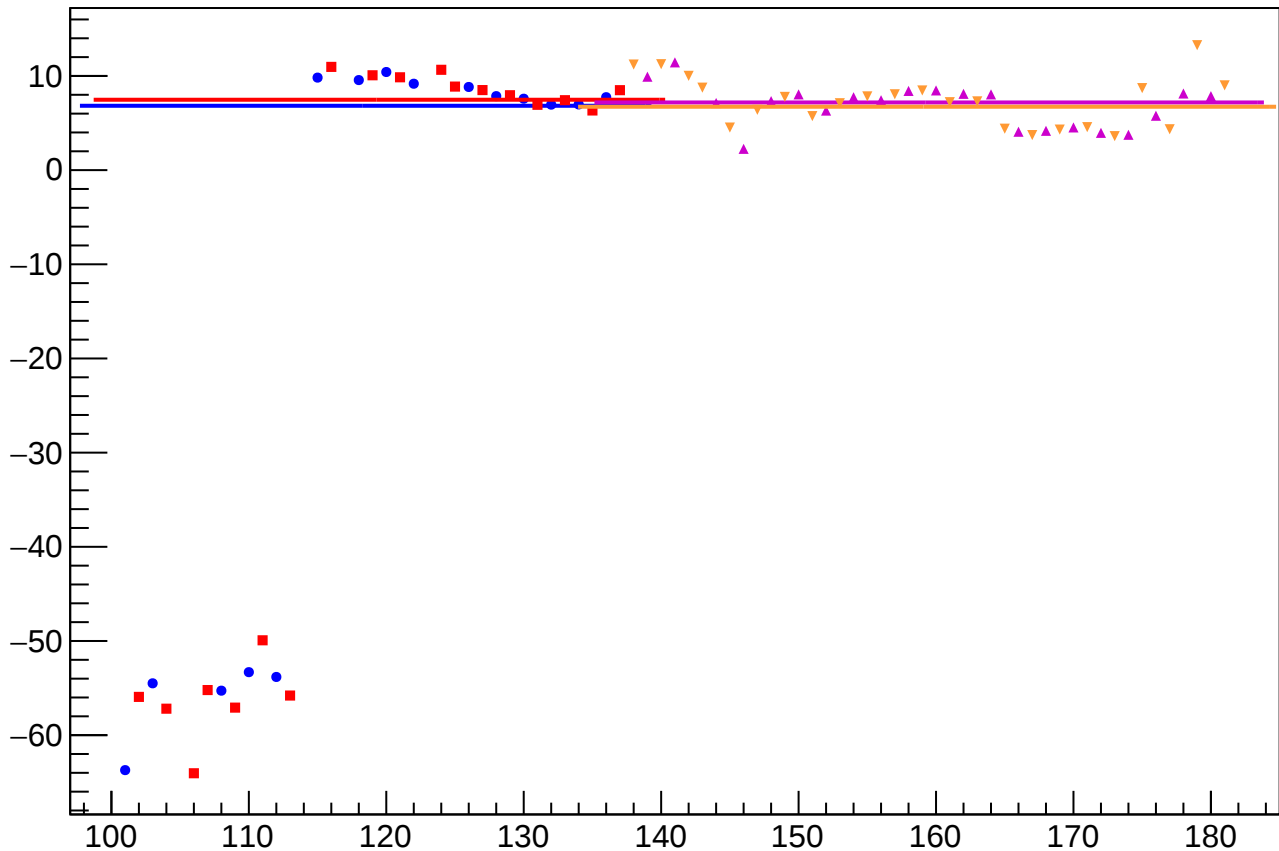
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.461 ± 0.001 χ^2/NDF : 418251.1/35

Out: -50.678 ± 0.001 χ^2/NDF : 526426.8/40

All: -50.557 ± 0.001 χ^2/NDF : 958136.9/76

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 6.731 ± 0.004 χ^2/NDF : 335477.1/22

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.186 ± 0.003 χ^2/NDF : 197741.9/20

Left: 6.975 ± 0.003 χ^2/NDF : 541199.2/43

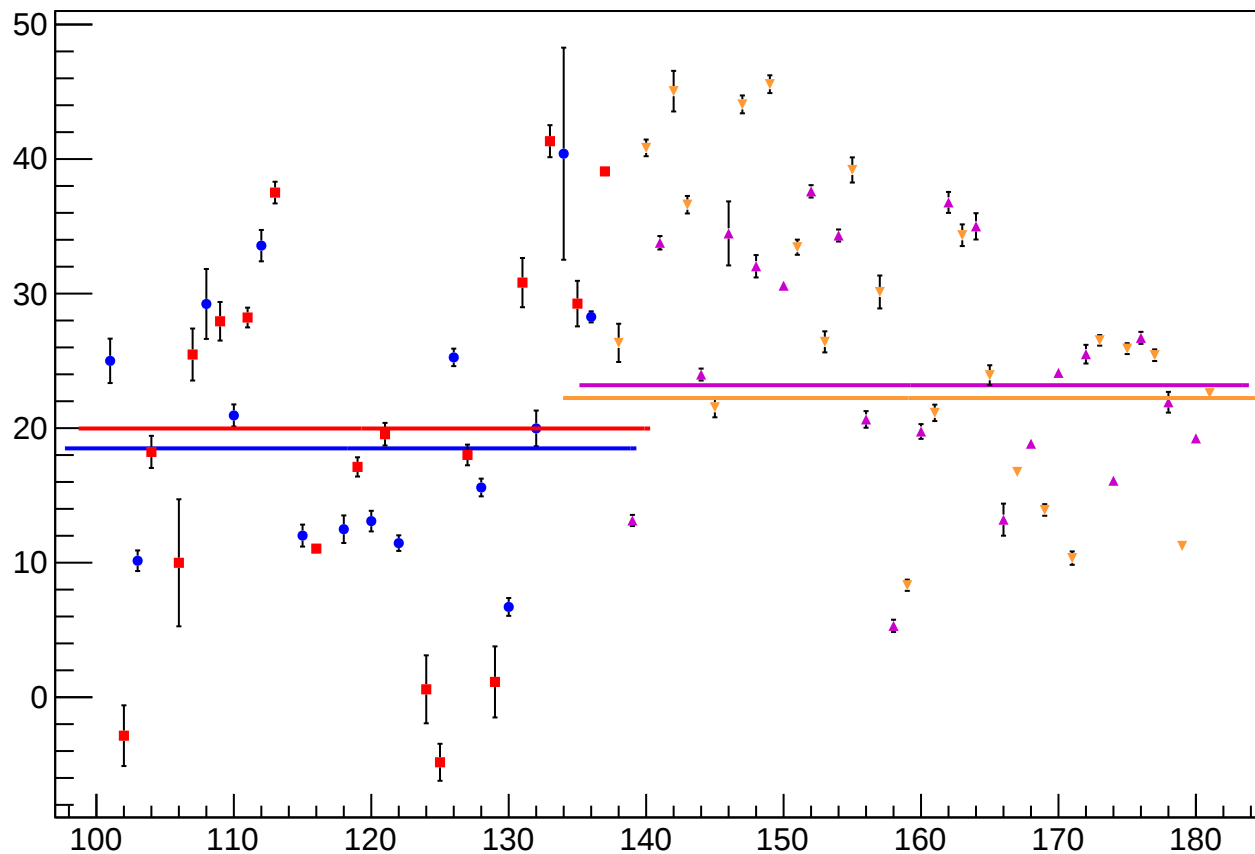
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.073 ± 0.003 χ^2/NDF : 1191605.1/35

Out: 6.834 ± 0.003 χ^2/NDF : 1536485.5/40

All: 6.976 ± 0.002 χ^2/NDF : 2730934.5/76

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 22.237 $\pm$ 0.104 χ^2/NDF :8843.0/22

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 23.191 $\pm$ 0.100 χ^2/NDF :6331.2/20

Left: 22.735 $\pm$ 0.072 χ^2/NDF : 15217.9/43

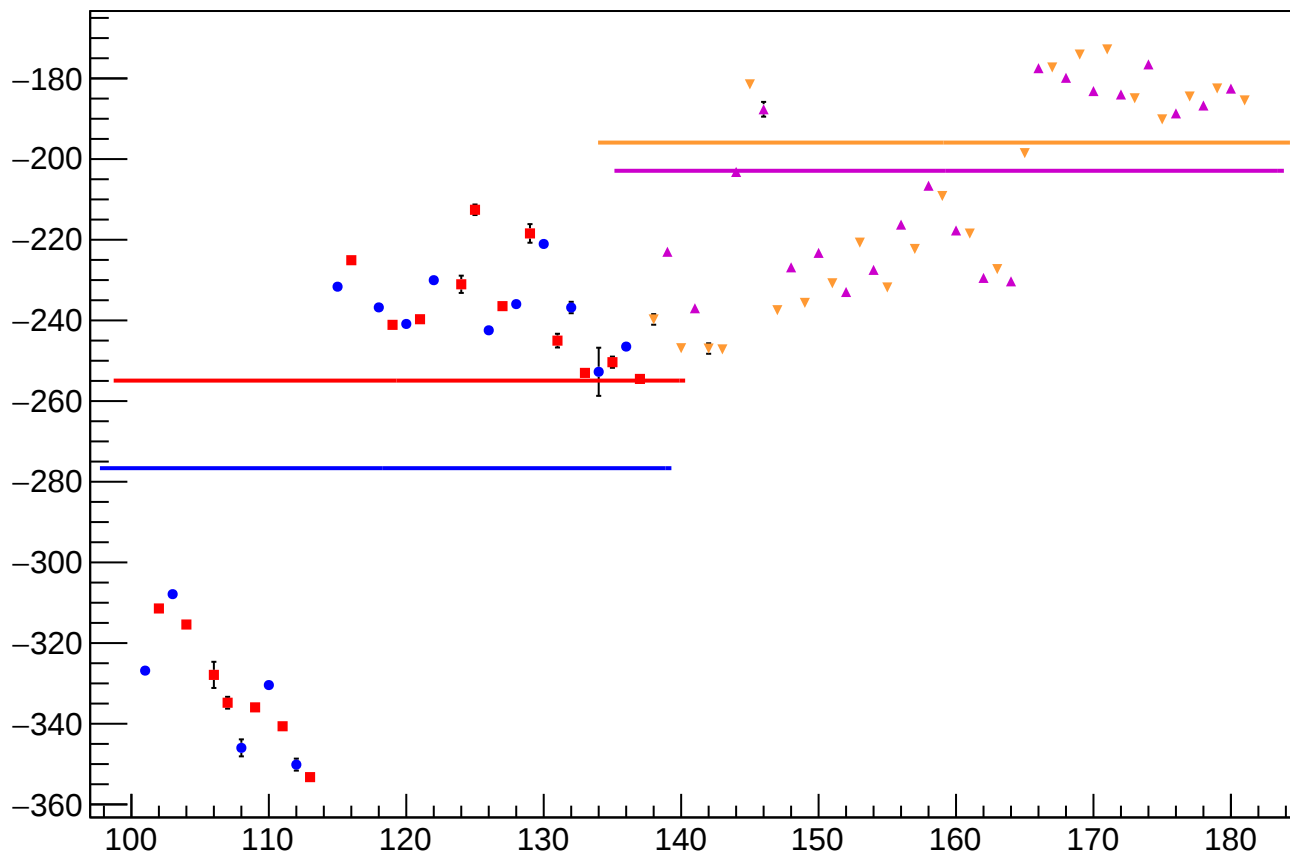
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 22.256 $\pm$ 0.089 χ^2/NDF :8409.0/35

Out: 21.352 $\pm$ 0.081 χ^2/NDF :18228.4/40

All: 21.762 $\pm$ 0.060 χ^2/NDF : 26693.4/76

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -195.907 ± 0.087 $\chi^2/\text{NDF}: 69421.9/22$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.900 ± 0.087 $\chi^2/\text{NDF}: 62229.0/20$

Left: -199.385 ± 0.062 $\chi^2/\text{NDF}: 134870.2/43$

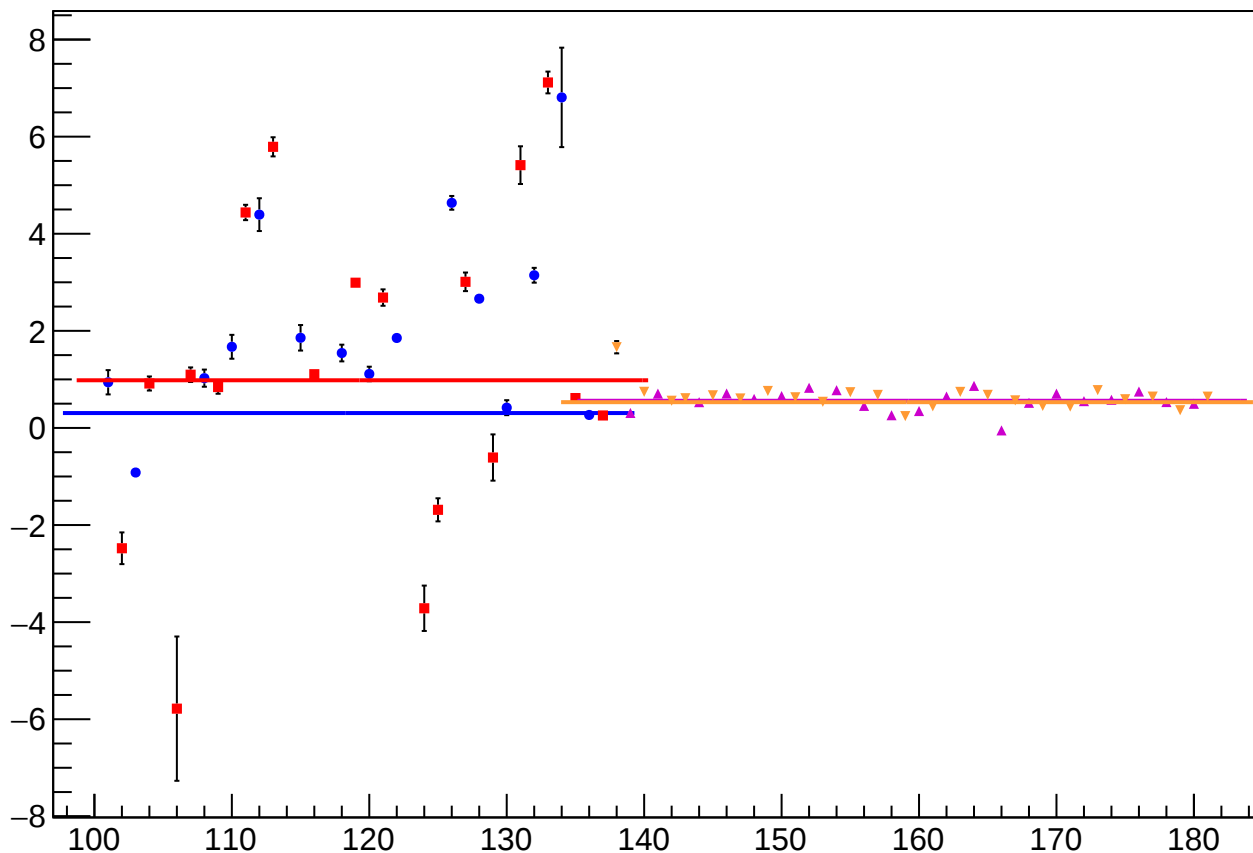
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -222.050 ± 0.075 $\chi^2/\text{NDF}: 324238.8/35$

Out: -231.215 ± 0.055 $\chi^2/\text{NDF}: 417121.7/40$

All: -228.013 ± 0.044 $\chi^2/\text{NDF}: 751026.3/76$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.531 ± 0.002 $\chi^2/\text{NDF}: 10923.0/22$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.560 ± 0.001 $\chi^2/\text{NDF}: 15923.6/20$

Left: 0.547 ± 0.001 $\chi^2/\text{NDF}: 27008.1/43$

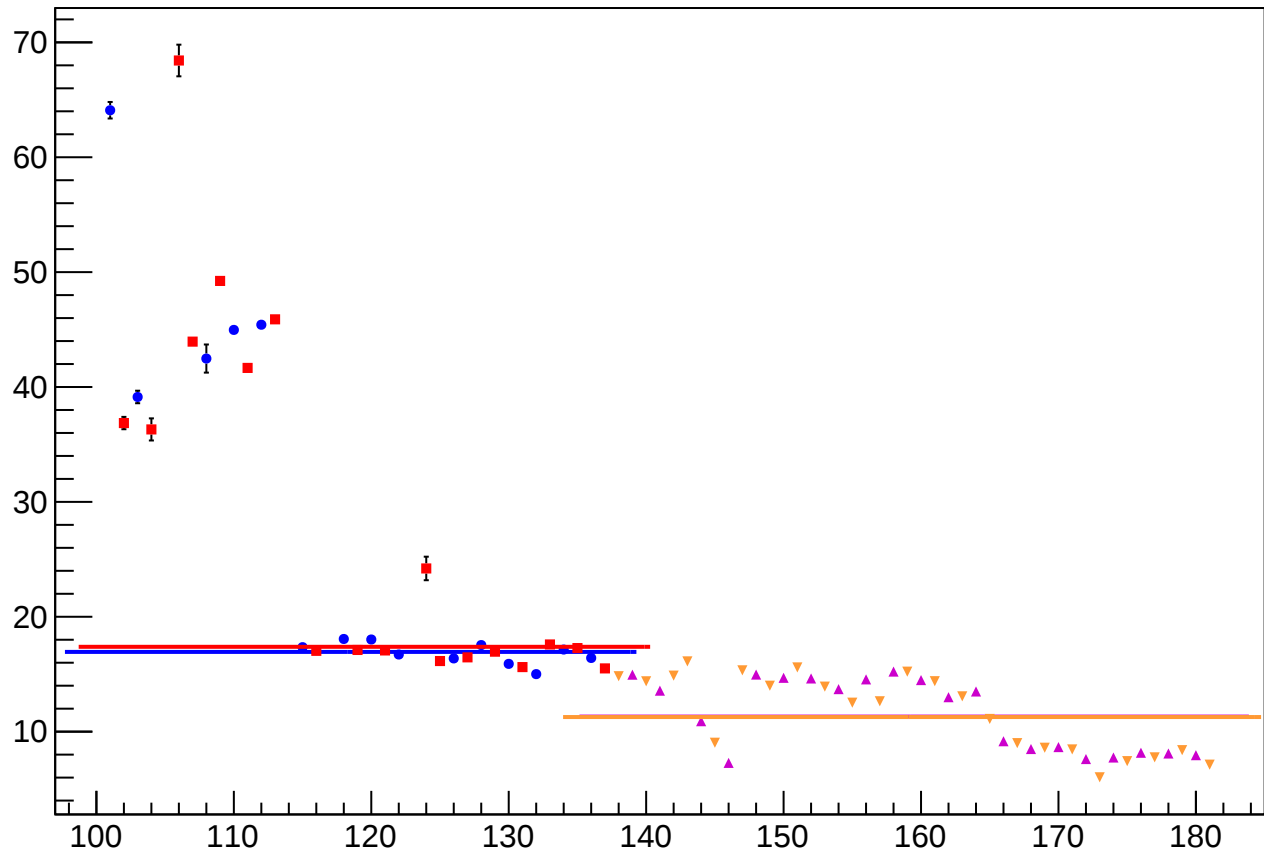
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.548 ± 0.001 $\chi^2/\text{NDF}: 20095.3/35$

Out: 0.537 ± 0.002 $\chi^2/\text{NDF}: 15229.4/40$

All: 0.543 ± 0.001 $\chi^2/\text{NDF}: 35348.0/76$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 11.271 ± 0.007 $\chi^2/\text{NDF}: 250908.0/22$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.312 ± 0.007 $\chi^2/\text{NDF}: 211204.8/20$

Left: 11.292 ± 0.005 $\chi^2/\text{NDF}: 462130.5/43$

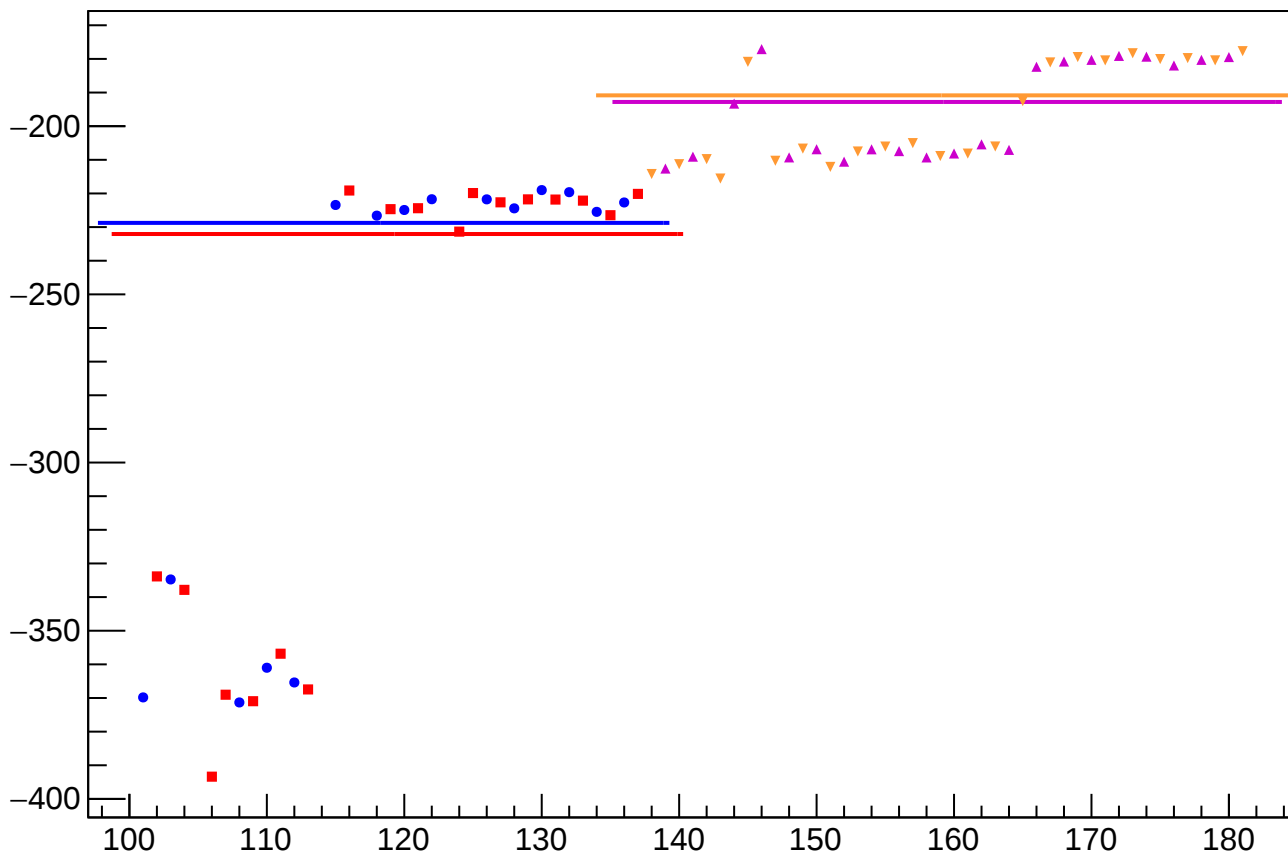
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.552 ± 0.006 $\chi^2/\text{NDF}: 389377.6/35$

Out: 12.094 ± 0.006 $\chi^2/\text{NDF}: 416598.9/40$

All: 12.338 ± 0.004 $\chi^2/\text{NDF}: 808665.3/76$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -190.835 ± 0.012 χ^2/NDF : 1474466.4/22

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -192.798 ± 0.012 χ^2/NDF : 1367145.7/20

Left: -191.806 ± 0.008 χ^2/NDF : 2855261.9/43

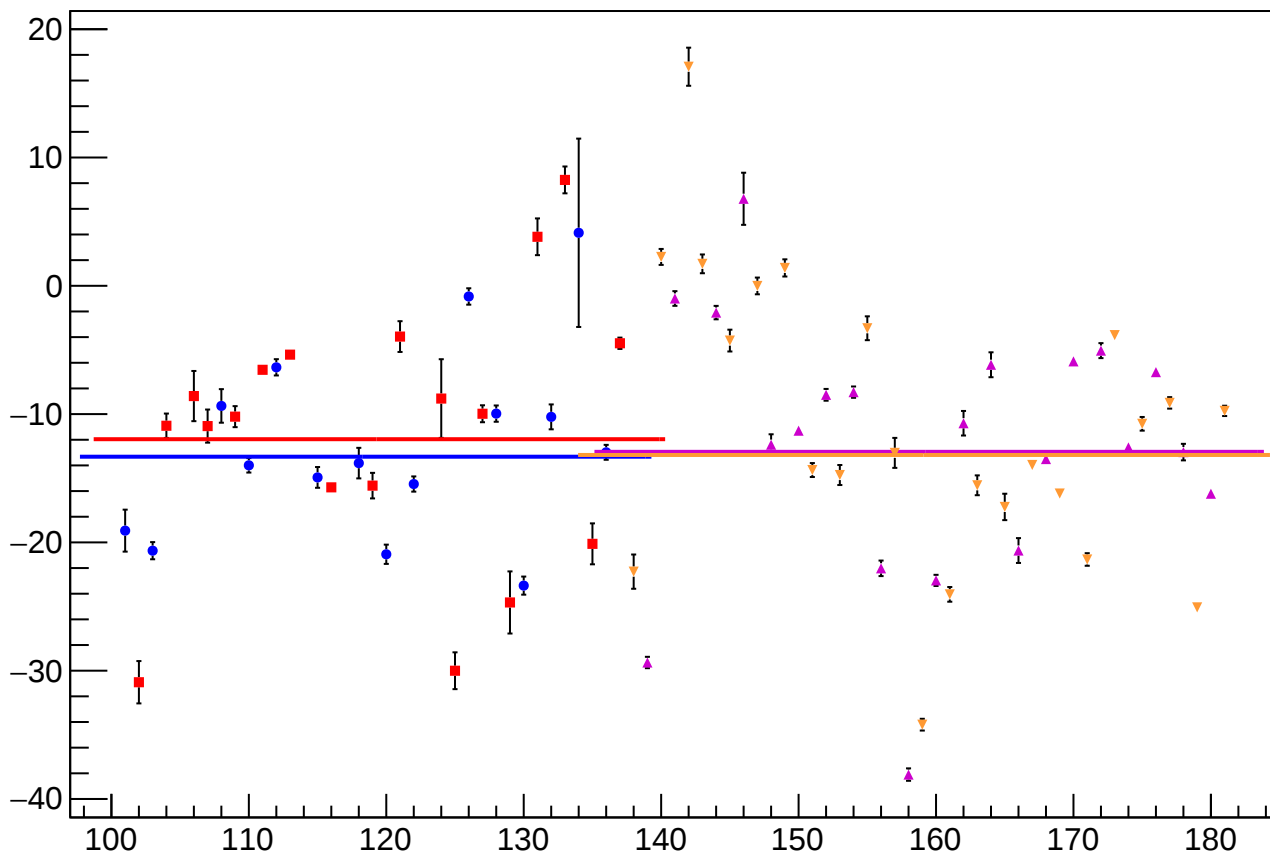
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -196.611 ± 0.011 χ^2/NDF : 2985135.6/35

Out: -193.953 ± 0.011 χ^2/NDF : 3186827.0/40

All: -195.290 ± 0.008 χ^2/NDF : 6199488.1/76

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.186 ± 0.111 χ^2/NDF : 7231.6/22

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -12.942 ± 0.101 χ^2/NDF : 7271.6/20

Left: -13.052 ± 0.075 χ^2/NDF : 14505.9/43

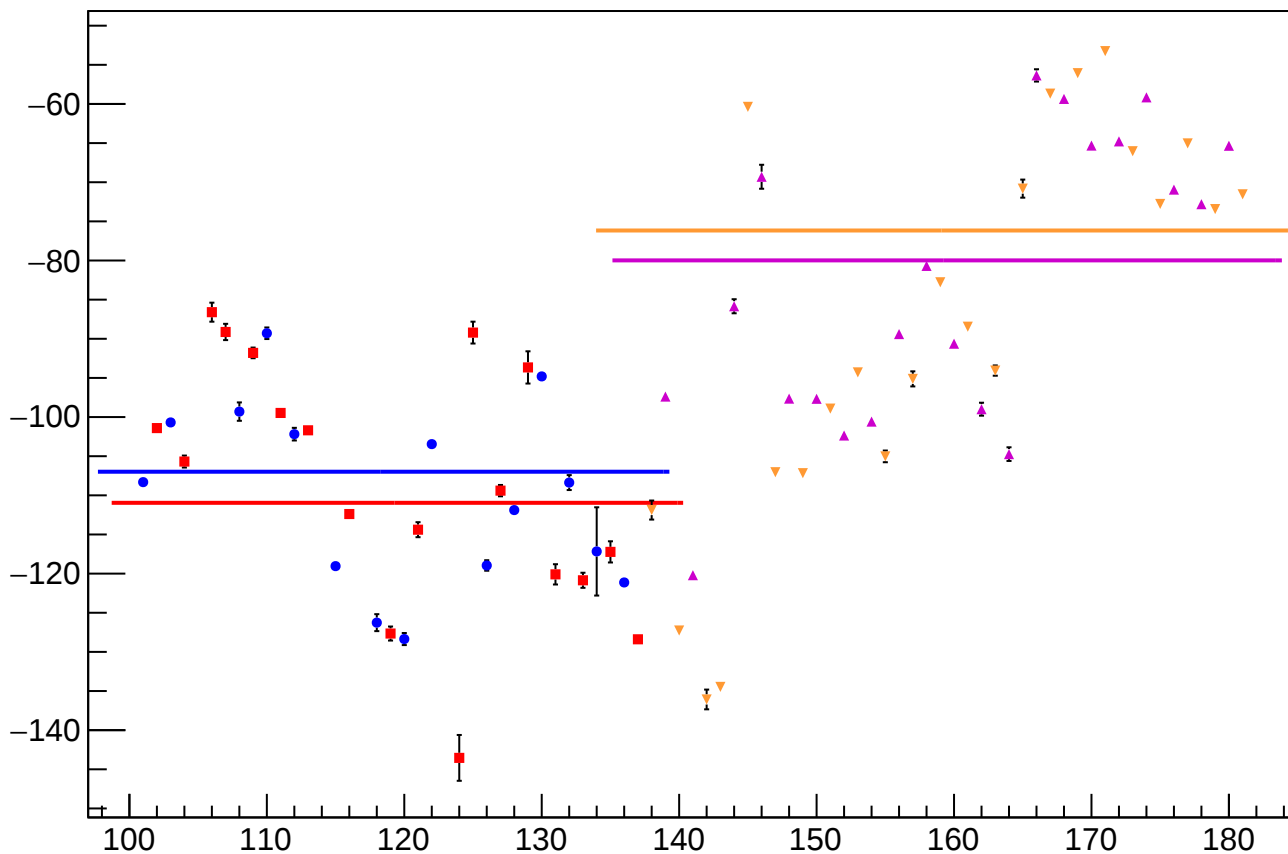
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.023 ± 0.090 χ^2/NDF : 8287.6/35

Out: -12.580 ± 0.079 χ^2/NDF : 9779.3/40

All: -12.774 ± 0.059 χ^2/NDF : 18080.6/76

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -76.165 ± 0.087 χ^2/NDF : 53564.6/22

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.984 ± 0.087 χ^2/NDF : 44351.9/20

Left: -78.081 ± 0.061 χ^2/NDF : 98885.3/43

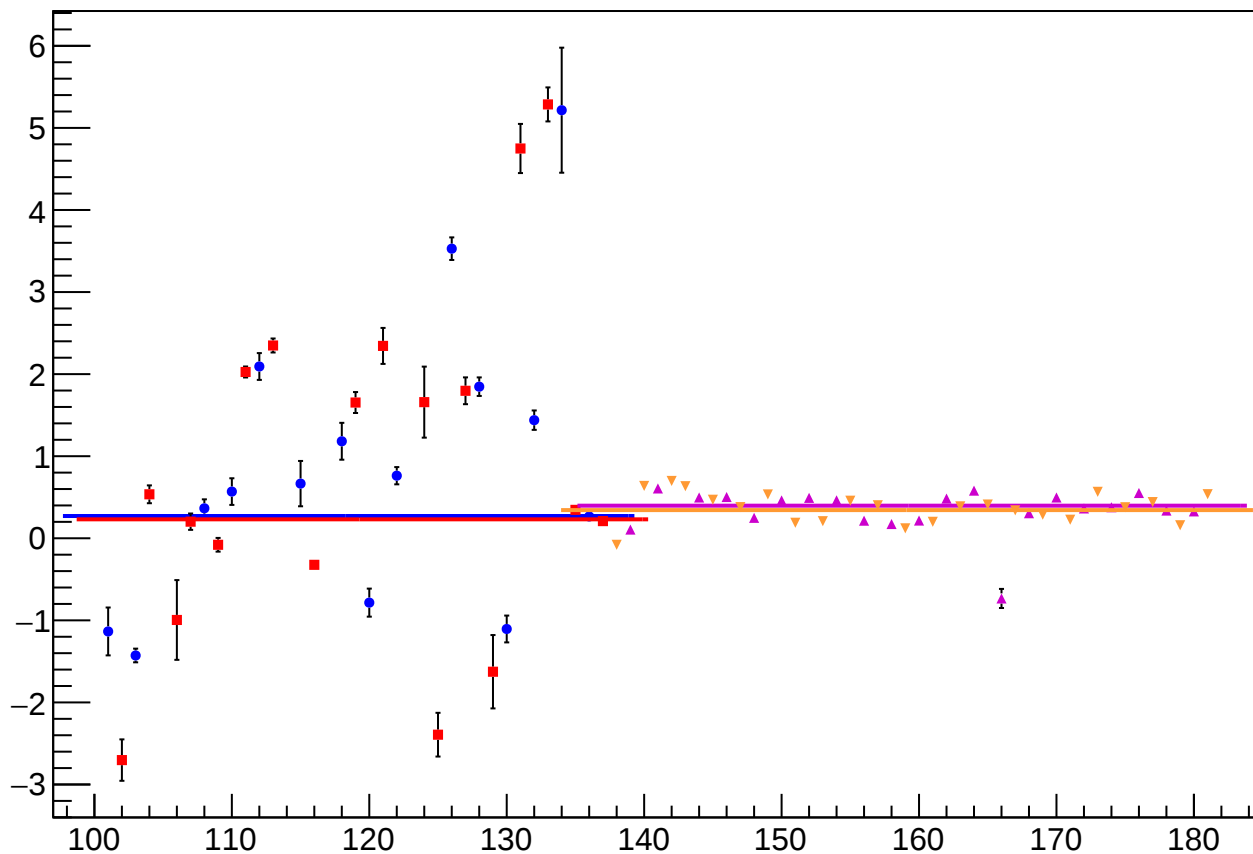
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.315 ± 0.068 χ^2/NDF : 86184.4/35

Out: -102.253 ± 0.043 χ^2/NDF : 184441.6/40

All: -98.796 ± 0.037 χ^2/NDF : 292481.1/76

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.343 ± 0.002 $\chi^2/\text{NDF}: 10397.8/22$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 9667.7/20$

Left: 0.374 ± 0.001 $\chi^2/\text{NDF}: 20638.2/43$

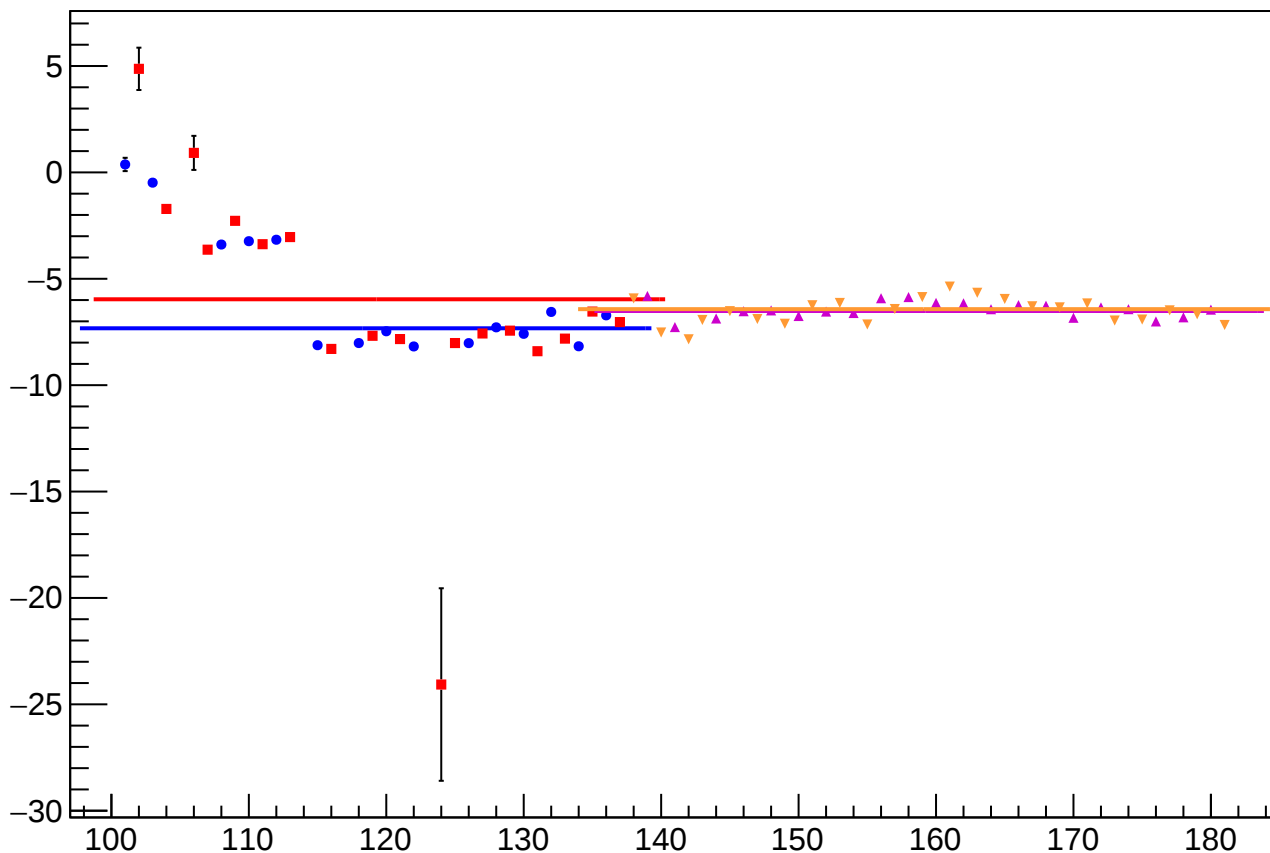
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.388 ± 0.001 $\chi^2/\text{NDF}: 11799.6/35$

Out: 0.329 ± 0.002 $\chi^2/\text{NDF}: 13871.1/40$

All: 0.361 ± 0.001 $\chi^2/\text{NDF}: 26442.4/76$

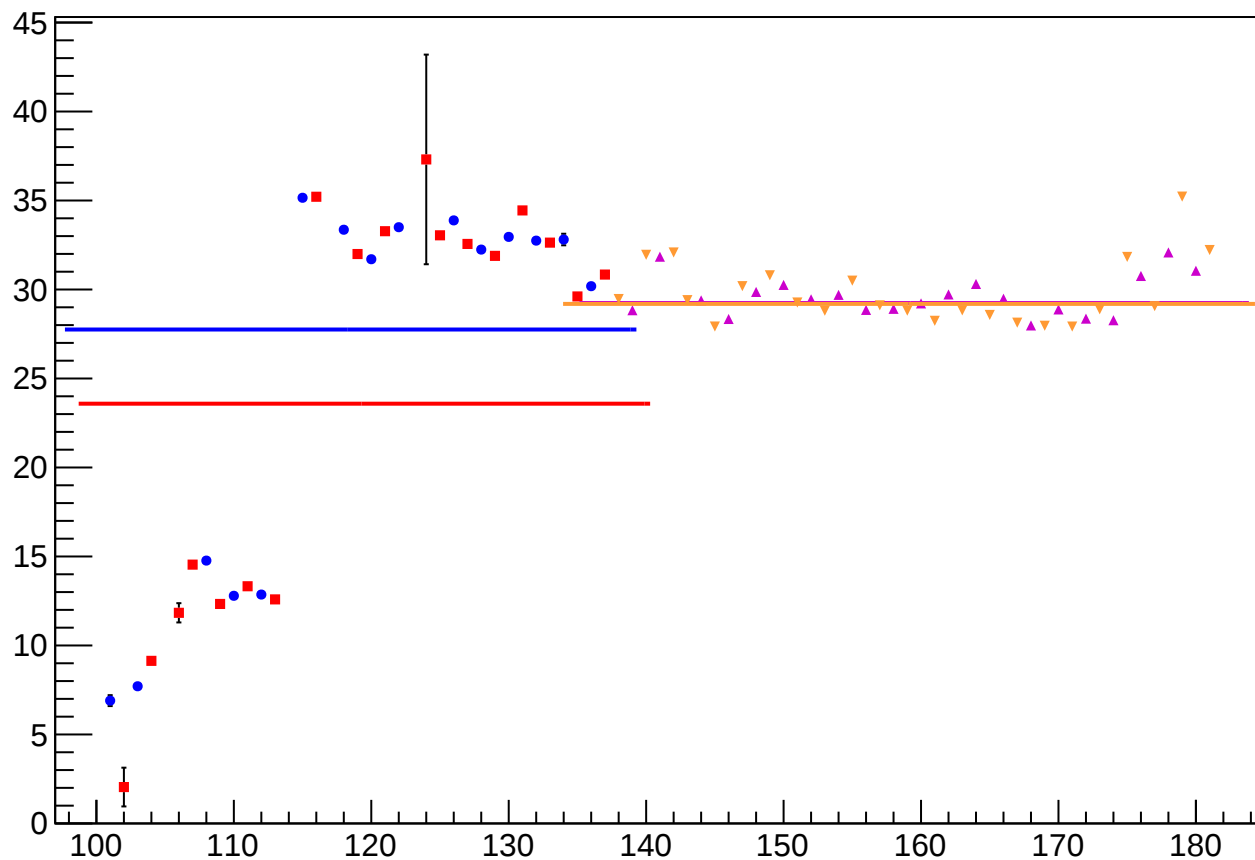
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.428 ± 0.005 $\chi^2/\text{NDF}: 7320.9/22$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.513 ± 0.005 $\chi^2/\text{NDF}: 6742.3/20$

Left: -6.472 ± 0.003 $\chi^2/\text{NDF}: 14224.7/43$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.703 ± 0.004 $\chi^2/\text{NDF}: 44464.7/35$
 Out: -6.318 ± 0.004 $\chi^2/\text{NDF}: 81265.3/40$
 All: -6.520 ± 0.003 $\chi^2/\text{NDF}: 130014.1/76$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.191 $\pm$ 0.008 χ^2 /NDF:39246.7/22

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.242 $\pm$ 0.008 χ^2 /NDF:9874.2/20

Left: 29.217 $\pm$ 0.006 χ^2 /NDF: 49139.0/43

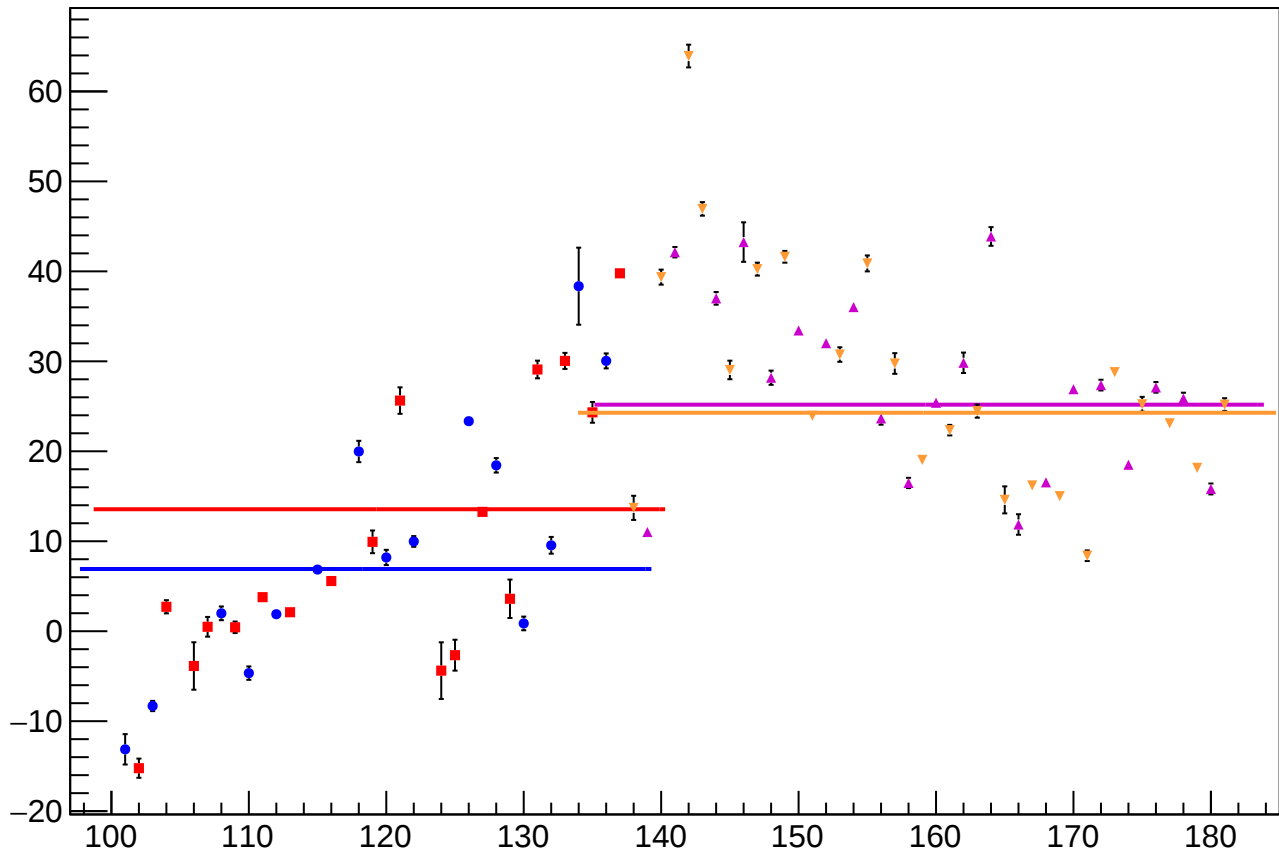
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.885 $\pm$ 0.007 χ^2 /NDF:350264.3/35

Out: 27.662 $\pm$ 0.007 χ^2 /NDF:700425.7/40

All: 28.256 $\pm$ 0.005 χ^2 /NDF: 1064852.8/76

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.283 ± 0.128 $\chi^2/\text{NDF}: 6129.1/22$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.180 ± 0.114 $\chi^2/\text{NDF}: 6066.7/20$

Left: 24.784 ± 0.085 $\chi^2/\text{NDF}: 12223.1/43$

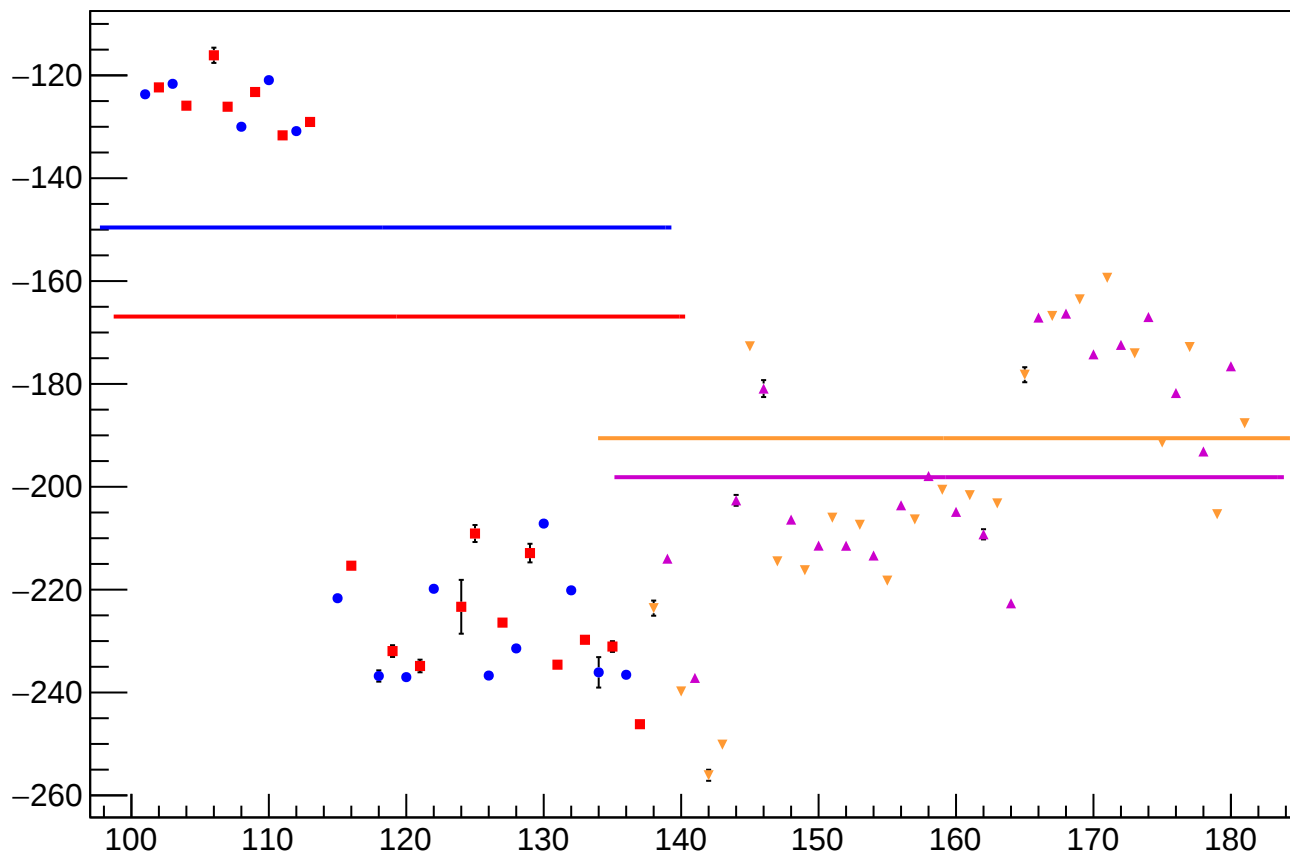
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.783 ± 0.096 $\chi^2/\text{NDF}: 17109.4/35$

Out: 19.568 ± 0.096 $\chi^2/\text{NDF}: 20850.3/40$

All: 19.676 ± 0.068 $\chi^2/\text{NDF}: 37962.2/76$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 +/- 0.101 χ^2/NDF : 195091.5/14

Left Out: -190.551 +/- 0.104 χ^2/NDF : 50636.9/22

Right Out: -166.899 +/- 0.101 χ^2/NDF : 295489.9/17

Left In: -198.132 +/- 0.099 χ^2/NDF : 41990.1/20

Left: -194.526 +/- 0.072 χ^2/NDF : 95413.2/43

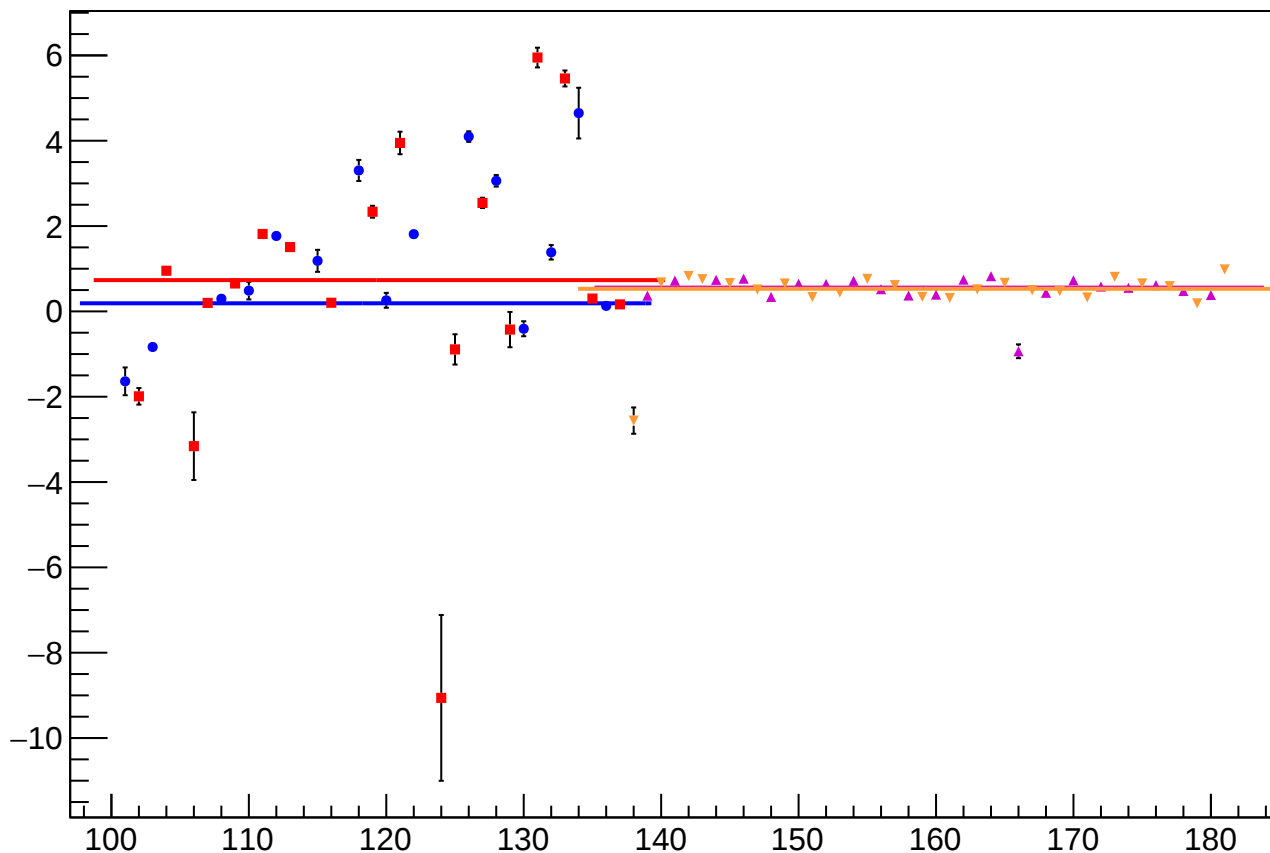
Right: -158.264 +/- 0.071 χ^2/NDF : 505360.9/32

In: -174.297 +/- 0.071 χ^2/NDF : 355020.0/35

Out: -178.332 +/- 0.072 χ^2/NDF : 372851.6/40

All: -176.268 +/- 0.051 χ^2/NDF : 729464.1/76

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:8551.3/22

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2 /NDF:5506.4/20

Left: 0.545 $\pm$ 0.001 χ^2 /NDF: 14152.3/43

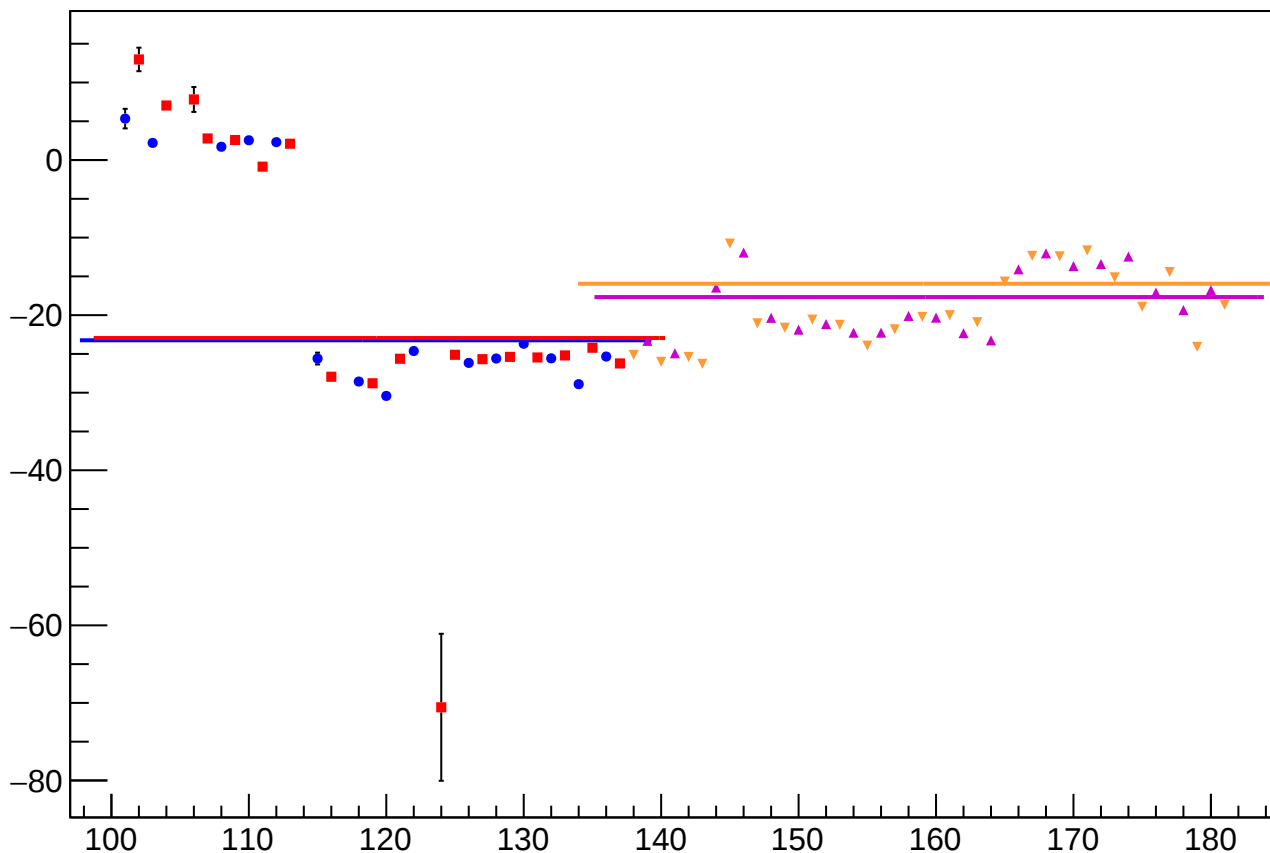
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.540 $\pm$ 0.002 χ^2 /NDF:9971.1/35

Out: 0.532 $\pm$ 0.002 χ^2 /NDF:11322.5/40

All: 0.536 $\pm$ 0.001 χ^2 /NDF: 21300.9/76

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 $\pm$ 0.025 χ^2 /NDF: 103102.8/14

Left Out: -15.950 $\pm$ 0.011 χ^2 /NDF:188118.8/22

Right Out: -22.951 $\pm$ 0.025 χ^2 /NDF: 108039.1/17

Left In: -17.666 $\pm$ 0.012 χ^2 /NDF:120330.3/20

Left: -16.758 $\pm$ 0.008 χ^2 /NDF: 319773.9/43

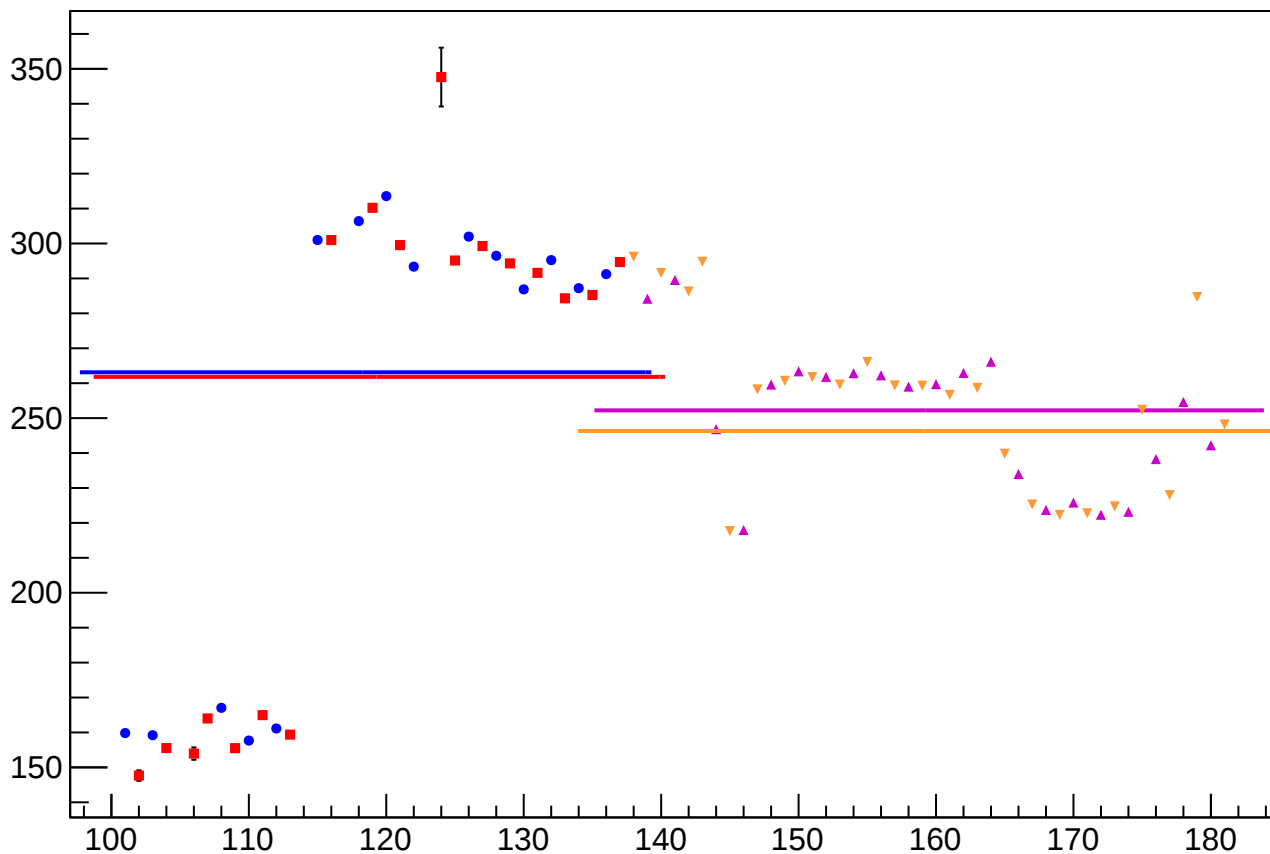
Right: -23.095 $\pm$ 0.017 χ^2 /NDF: 211210.7/32

In: -18.689 $\pm$ 0.011 χ^2 /NDF:264816.5/35

Out: -17.121 $\pm$ 0.010 χ^2 /NDF:363111.4/40

All: -17.866 $\pm$ 0.007 χ^2 /NDF: 639393.2/76

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.312 $\pm$ 0.028 χ^2 /NDF: 684669.9/22

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.220 $\pm$ 0.028 χ^2 /NDF: 358118.7/20

Left: 249.250 $\pm$ 0.020 χ^2 /NDF: 1064413.2/43

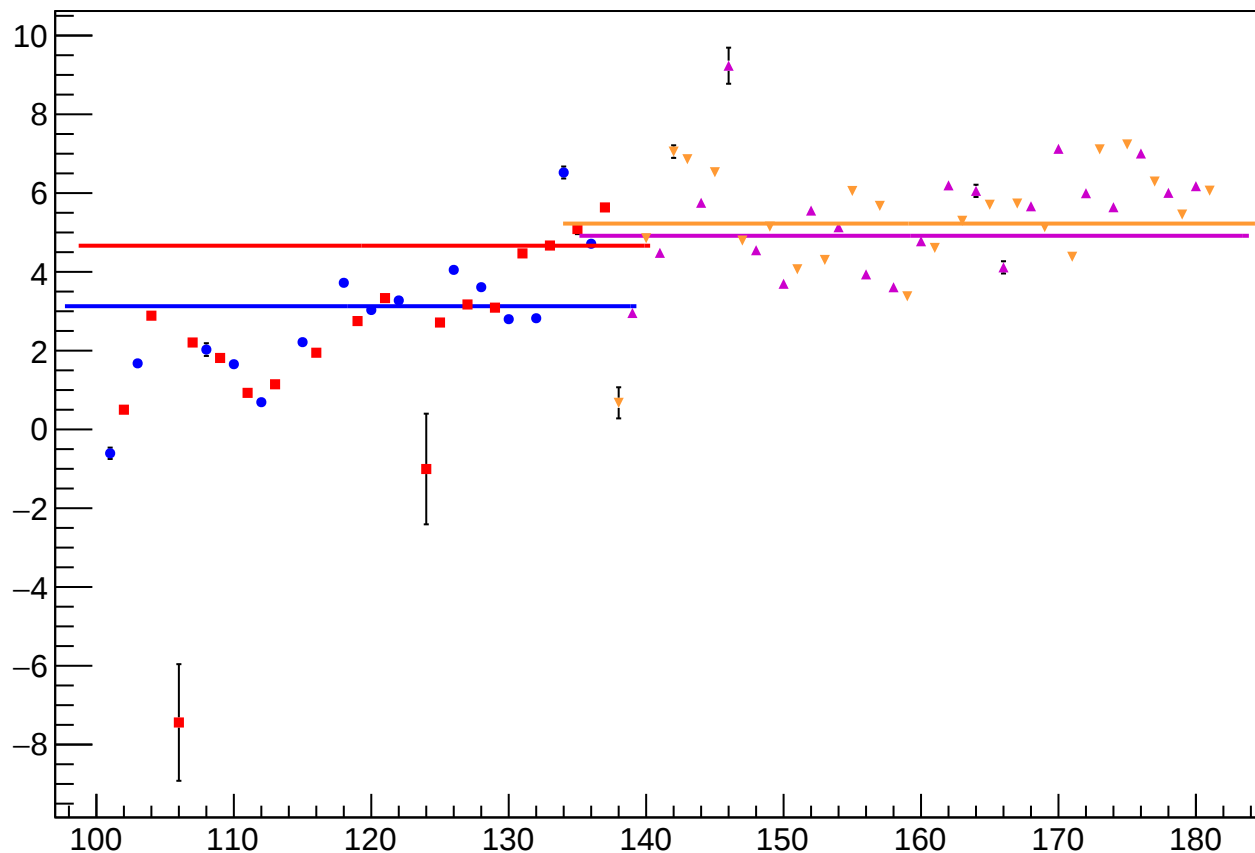
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.804 $\pm$ 0.026 χ^2 /NDF: 1072289.0/35

Out: 249.105 $\pm$ 0.026 χ^2 /NDF: 1744795.7/40

All: 251.393 $\pm$ 0.018 χ^2 /NDF: 2833422.3/76

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.226 $\pm$ 0.014 χ^2 /NDF: 4505.3/22

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.916 $\pm$ 0.013 χ^2 /NDF: 10394.1/20

Left: 5.060 $\pm$ 0.009 χ^2 /NDF: 15167.7/43

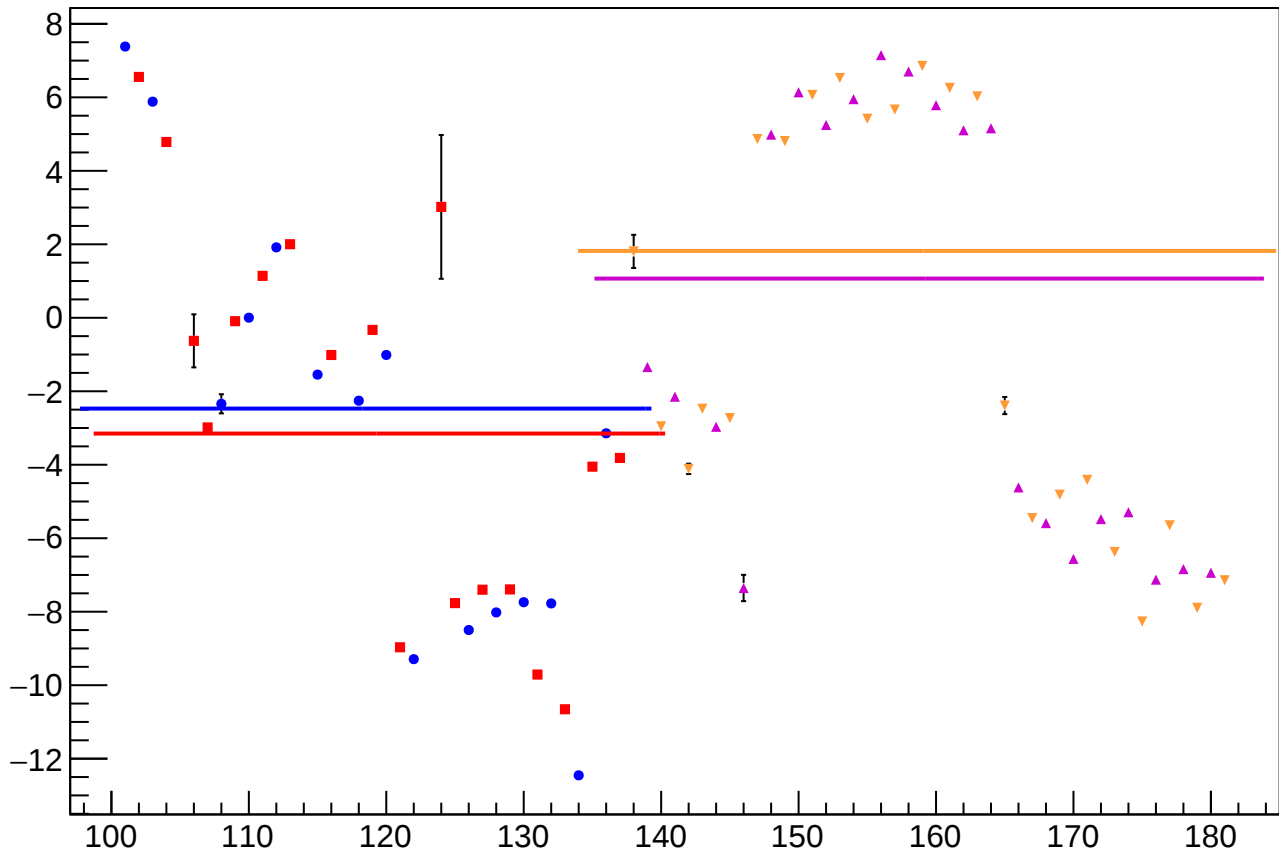
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 4.200 $\pm$ 0.010 χ^2 /NDF: 23778.3/35

Out: 4.762 $\pm$ 0.006 χ^2 /NDF: 72728.0/40

All: 4.621 $\pm$ 0.005 χ^2 /NDF: 98885.0/76

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 1.820 ± 0.012 $\chi^2/\text{NDF}: 209601.0/22$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 1.067 ± 0.011 $\chi^2/\text{NDF}: 244719.3/20$

Left: 1.431 ± 0.008 $\chi^2/\text{NDF}: 456504.8/43$

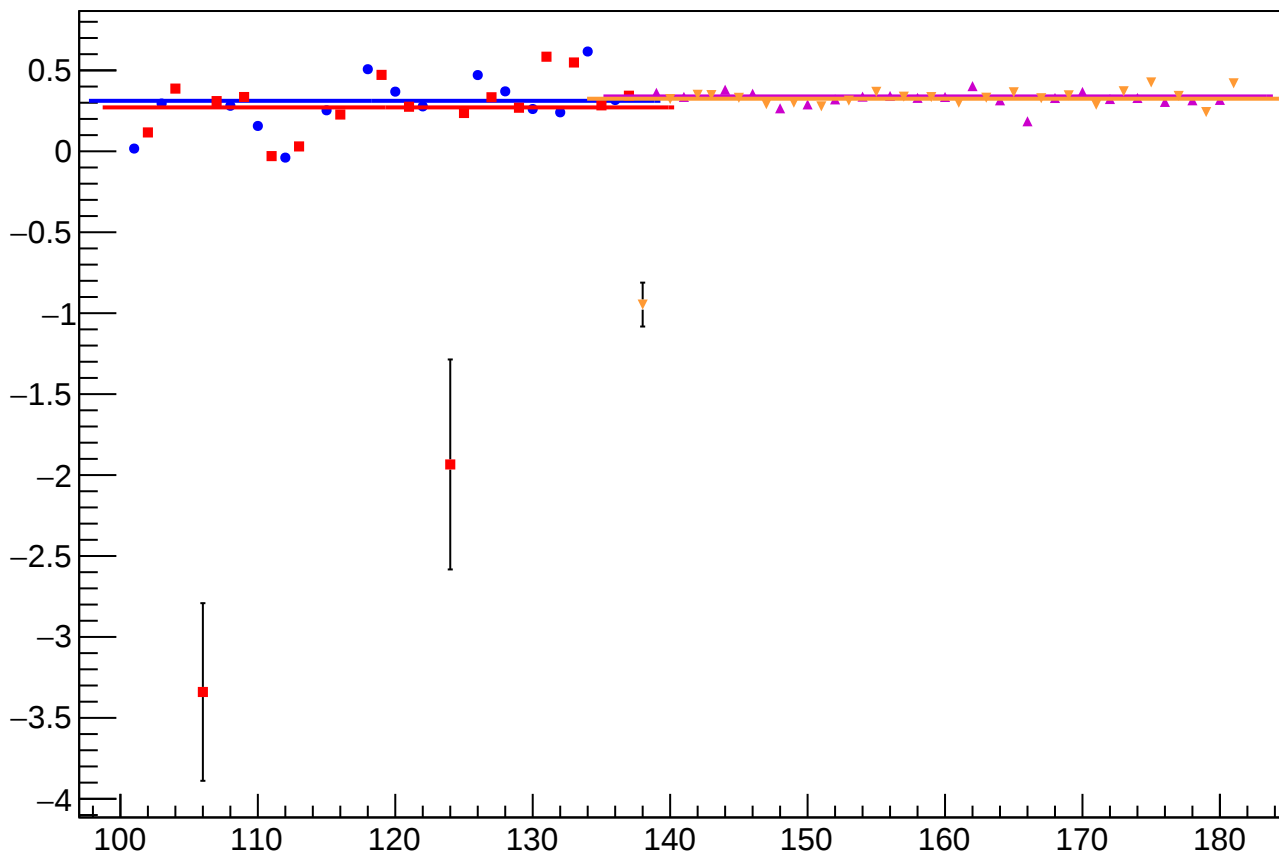
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.301 ± 0.009 $\chi^2/\text{NDF}: 525895.6/35$

Out: -1.699 ± 0.006 $\chi^2/\text{NDF}: 587699.6/40$

All: -1.227 ± 0.005 $\chi^2/\text{NDF}: 1130437.4/76$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2870.3/22$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 3415.3/20$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 6601.0/43$

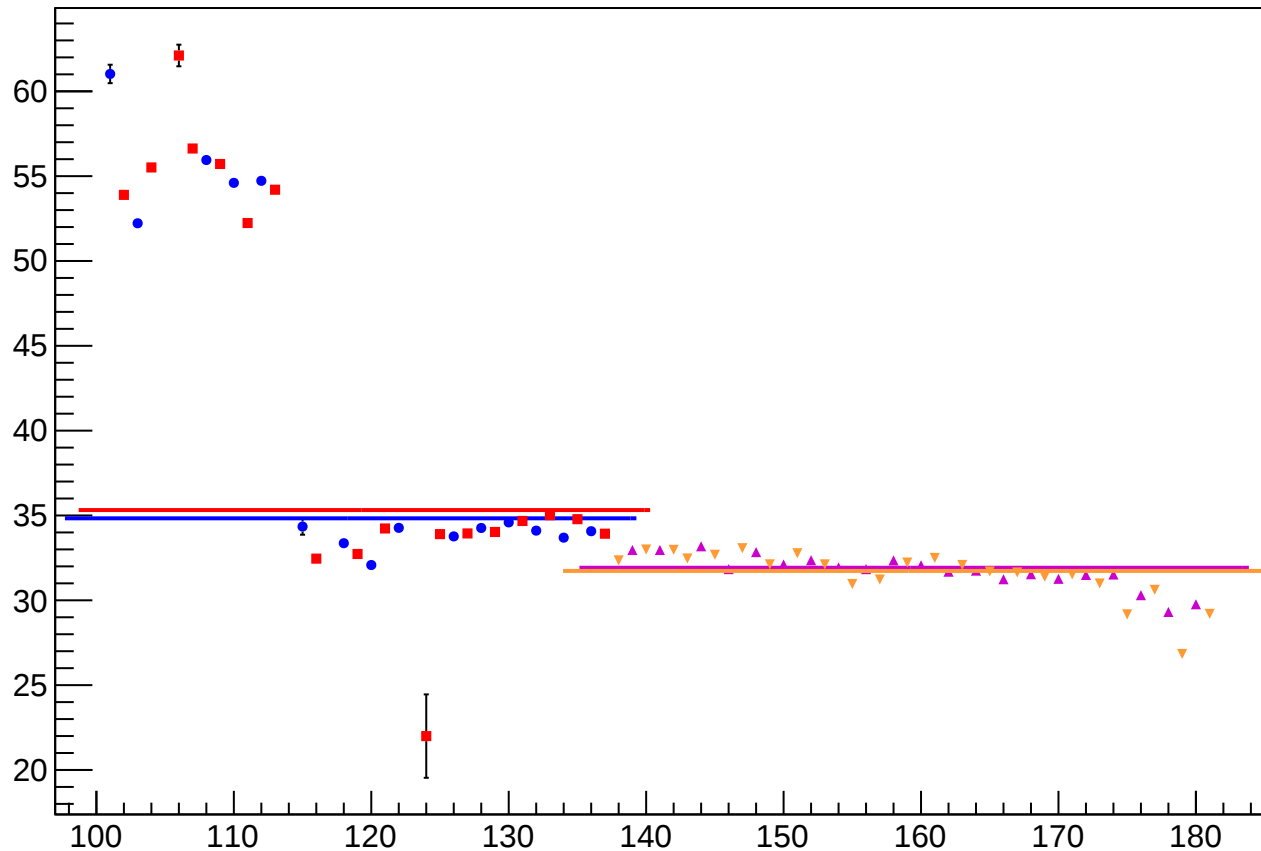
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5113.4/35$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9614.6/40$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 15065.0/76$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.732 $\pm$ 0.003 χ^2 /NDF: 64567.1/22

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.919 $\pm$ 0.004 χ^2 /NDF: 22899.2/20

Left: 31.814 $\pm$ 0.002 χ^2 /NDF: 88947.8/43

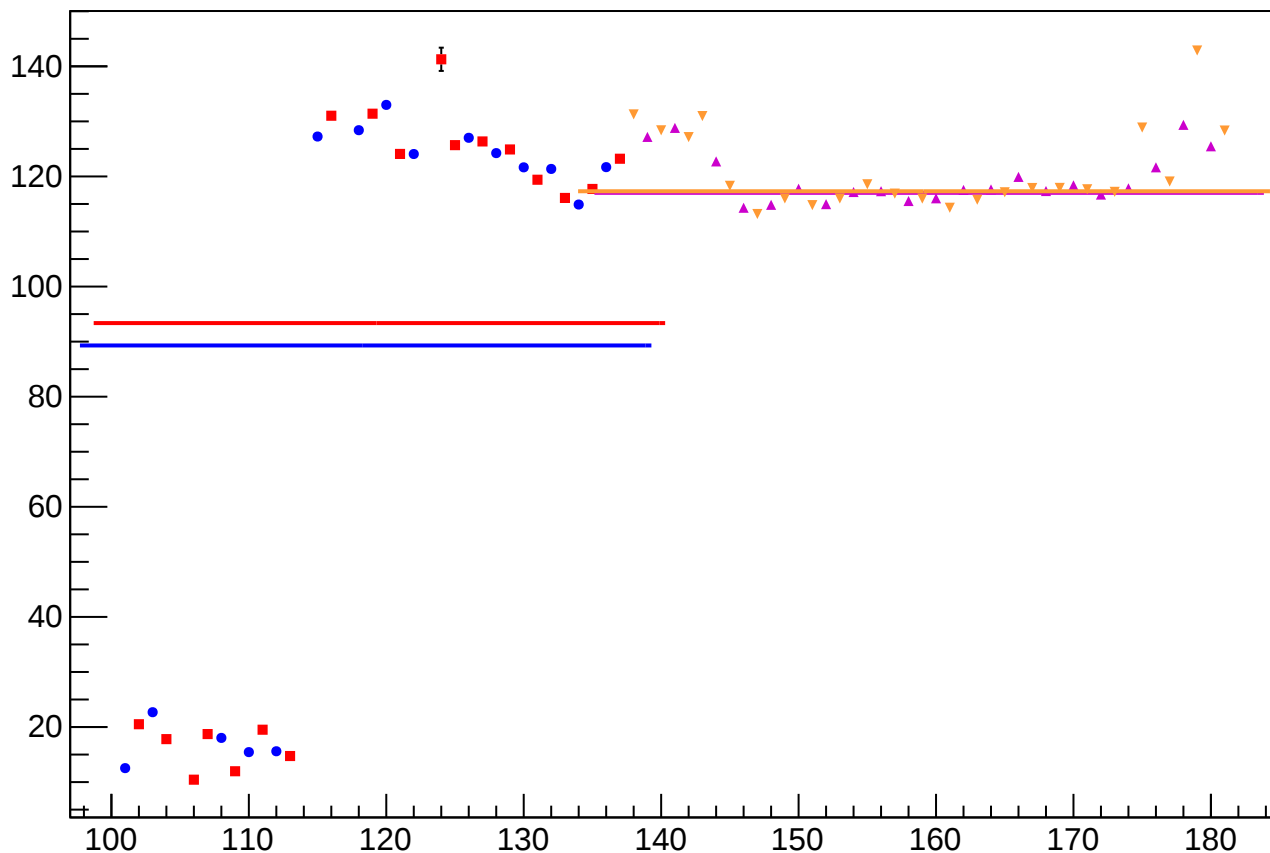
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.359 $\pm$ 0.003 χ^2 /NDF: 365369.5/35

Out: 32.069 $\pm$ 0.003 χ^2 /NDF: 443746.3/40

All: 32.200 $\pm$ 0.002 χ^2 /NDF: 813231.5/76

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.310 ± 0.008 $\chi^2/\text{NDF}: 152457.6/22$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 117.023 ± 0.009 $\chi^2/\text{NDF}: 52172.4/20$

Left: 117.180 ± 0.006 $\chi^2/\text{NDF}: 205216.0/43$

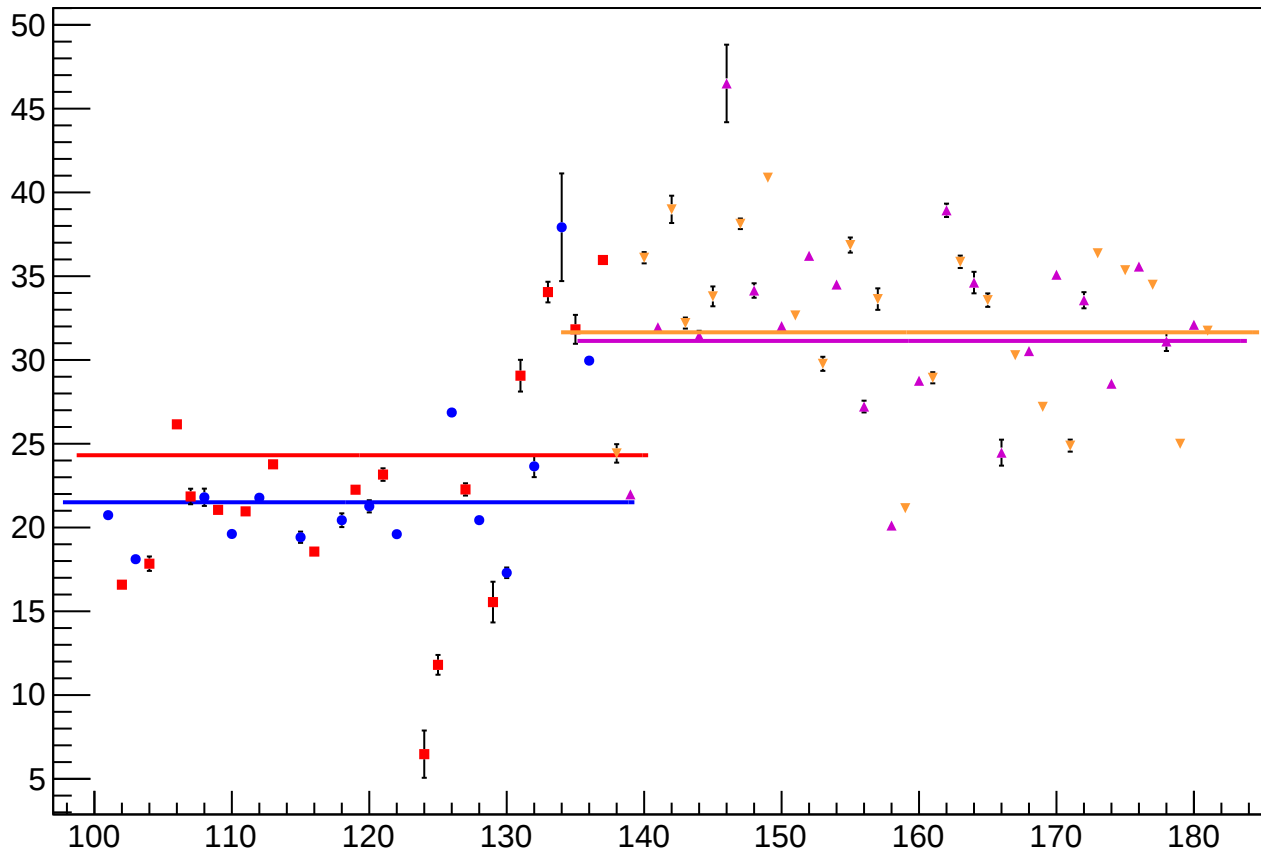
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.452 ± 0.008 $\chi^2/\text{NDF}: 4012730.8/35$

Out: 115.719 ± 0.008 $\chi^2/\text{NDF}: 3601898.9/40$

All: 115.136 ± 0.006 $\chi^2/\text{NDF}: 7627036.0/76$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.651 $\pm$ 0.063 χ^2 /NDF:6068.8/22

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.137 $\pm$ 0.059 χ^2 /NDF:5926.9/20

Left: 31.377 $\pm$ 0.043 χ^2 /NDF: 12030.9/43

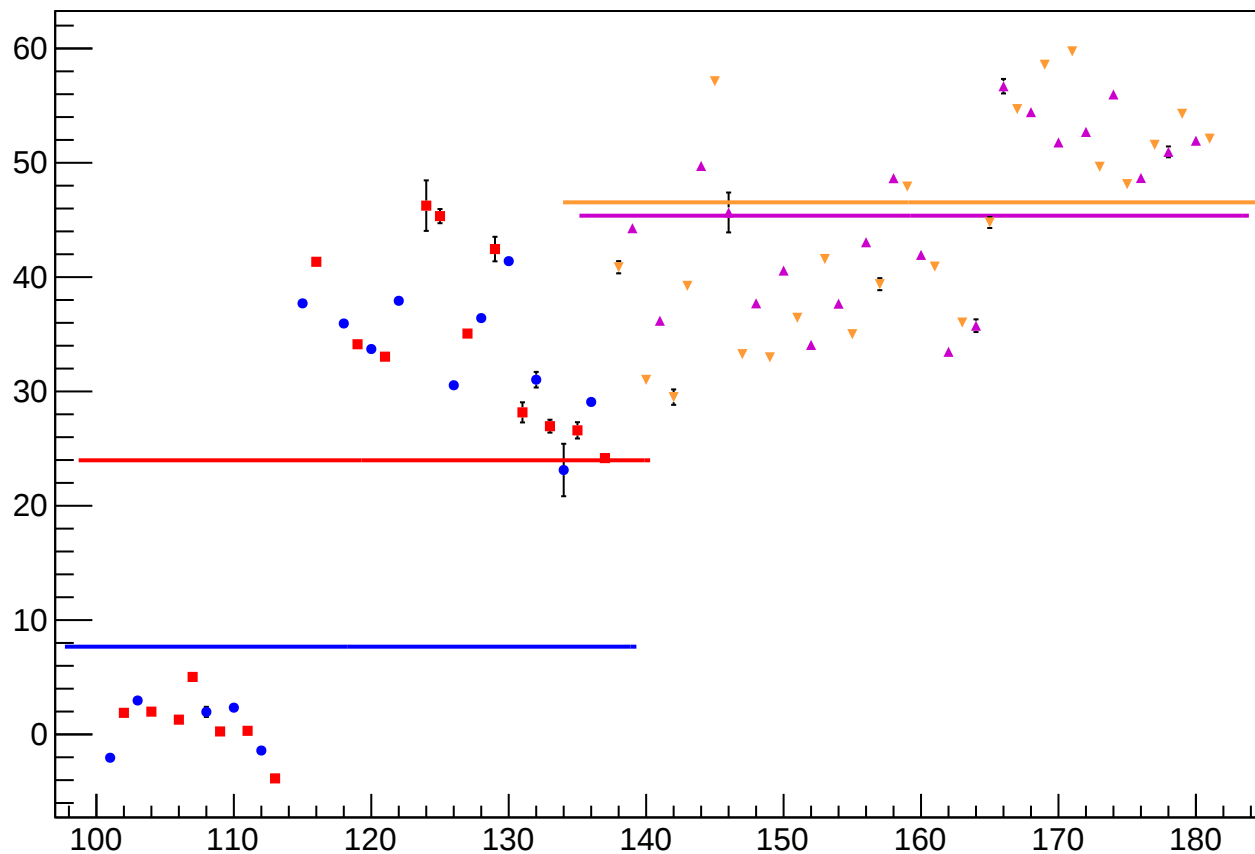
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.272 $\pm$ 0.046 χ^2 /NDF:19504.9/35

Out: 27.692 $\pm$ 0.043 χ^2 /NDF:27613.8/40

All: 27.496 $\pm$ 0.031 χ^2 /NDF: 47163.4/76

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.541 ± 0.053 $\chi^2/\text{NDF}: 26287.3/22$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.374 ± 0.050 $\chi^2/\text{NDF}: 18717.6/20$

Left: 45.930 ± 0.036 $\chi^2/\text{NDF}: 45261.8/43$

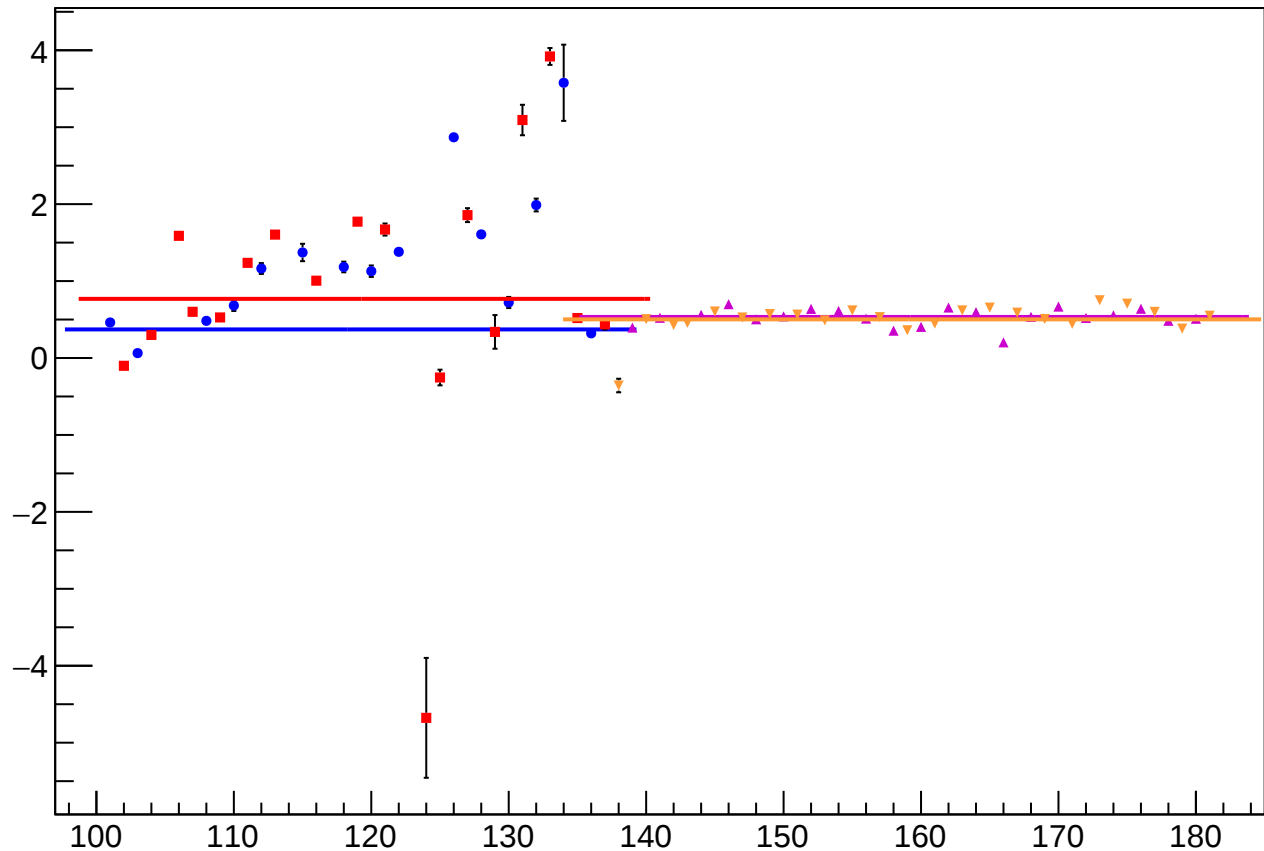
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.560 ± 0.034 $\chi^2/\text{NDF}: 426251.9/35$

Out: 24.508 ± 0.008 $\chi^2/\text{NDF}: 315963.5/40$

All: 24.511 ± 0.008 $\chi^2/\text{NDF}: 742217.6/76$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.502 ± 0.001 χ^2/NDF : 15163.1/22

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.534 ± 0.001 χ^2/NDF : 12396.2/20

Left: 0.519 ± 0.001 χ^2/NDF : 28127.7/43

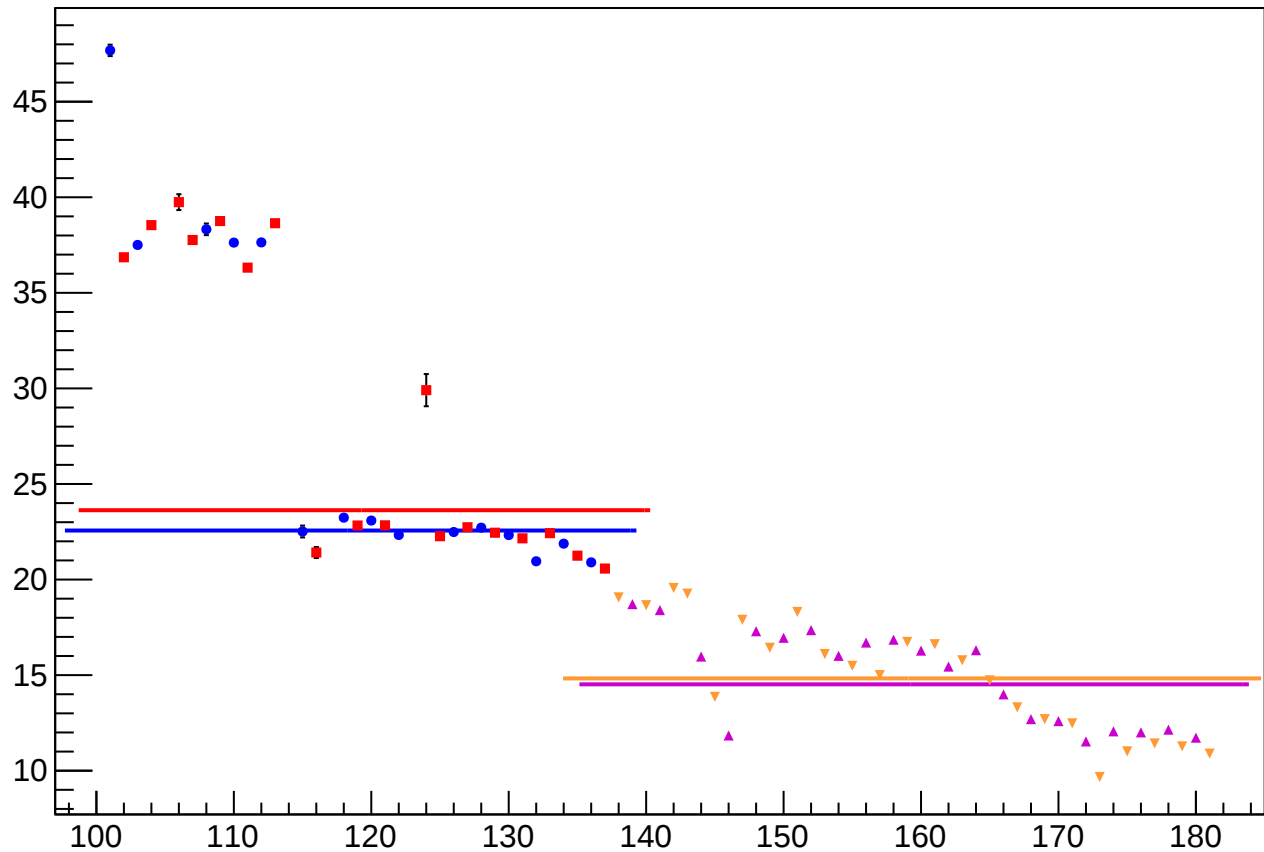
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.527 ± 0.001 χ^2/NDF : 18470.5/35

Out: 0.507 ± 0.001 χ^2/NDF : 20749.9/40

All: 0.518 ± 0.001 χ^2/NDF : 39452.7/76

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 14.828 $\pm$ 0.005 χ^2 /NDF: 297177.9/22

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 14.518 $\pm$ 0.006 χ^2 /NDF: 191089.1/20

Left: 14.680 $\pm$ 0.004 χ^2 /NDF: 489852.6/43

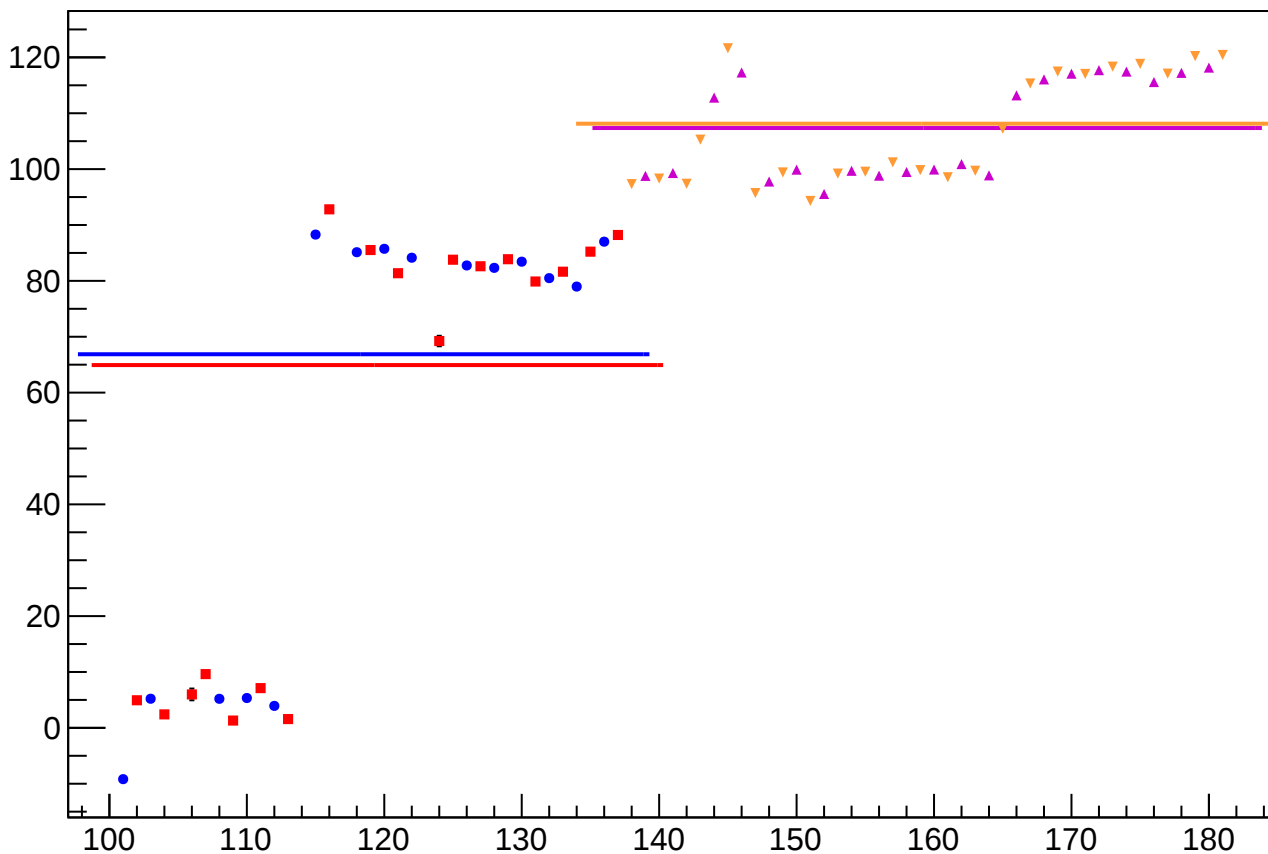
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 16.399 $\pm$ 0.005 χ^2 /NDF: 763339.3/35

Out: 16.470 $\pm$ 0.005 χ^2 /NDF: 920475.4/40

All: 16.435 $\pm$ 0.003 χ^2 /NDF: 1683920.9/76

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 108.131 $\pm$ 0.010 χ^2 /NDF: 960443.9/22

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 107.355 $\pm$ 0.010 χ^2 /NDF: 853912.5/20

Left: 107.740 $\pm$ 0.007 χ^2 /NDF: 1817473.4/43

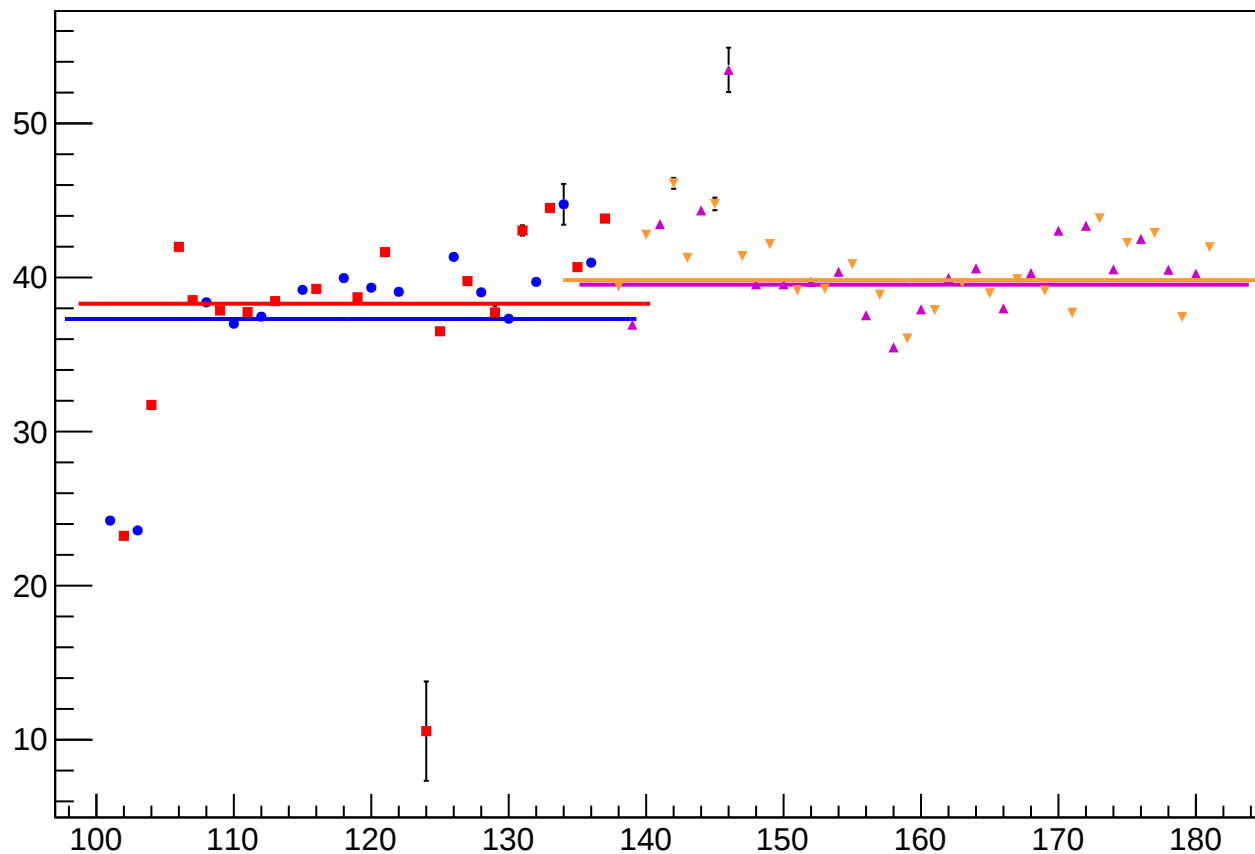
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 102.662 $\pm$ 0.009 χ^2 /NDF: 4327371.4/35

Out: 103.848 $\pm$ 0.009 χ^2 /NDF: 4197564.3/40

All: 103.245 $\pm$ 0.007 χ^2 /NDF: 8533088.6/76

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.832 ± 0.028 $\chi^2/\text{NDF}: 6855.1/22$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.536 ± 0.024 $\chi^2/\text{NDF}: 8414.9/20$

Left: 39.662 ± 0.018 $\chi^2/\text{NDF}: 15335.4/43$

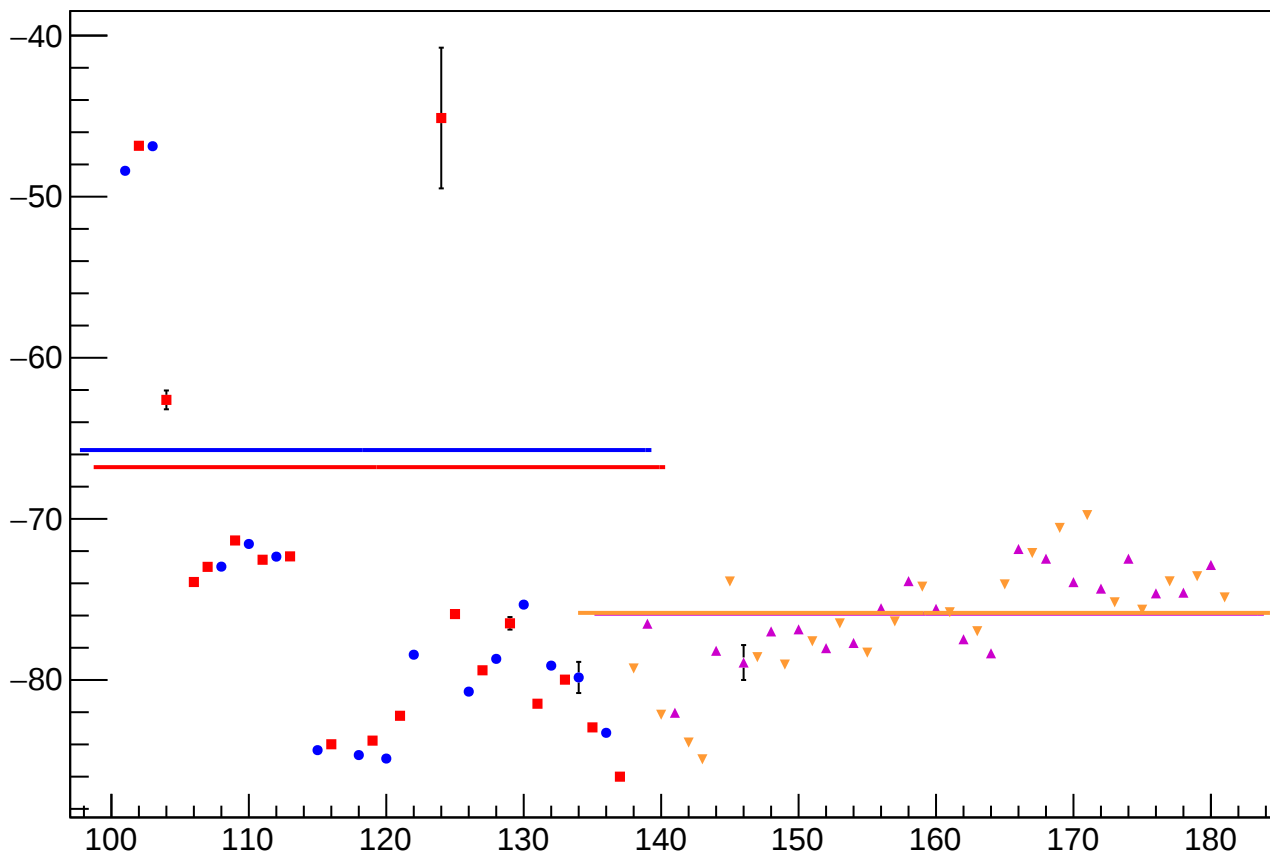
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.387 ± 0.017 $\chi^2/\text{NDF}: 72508.1/35$

Out: 38.842 ± 0.016 $\chi^2/\text{NDF}: 27668.7/40$

All: 38.616 ± 0.012 $\chi^2/\text{NDF}: 100556.0/76$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -75.834 ± 0.022 $\chi^2/\text{NDF}: 23517.7/22$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -75.886 ± 0.020 $\chi^2/\text{NDF}: 11925.0/20$

Left: -75.864 ± 0.015 $\chi^2/\text{NDF}: 35445.9/43$

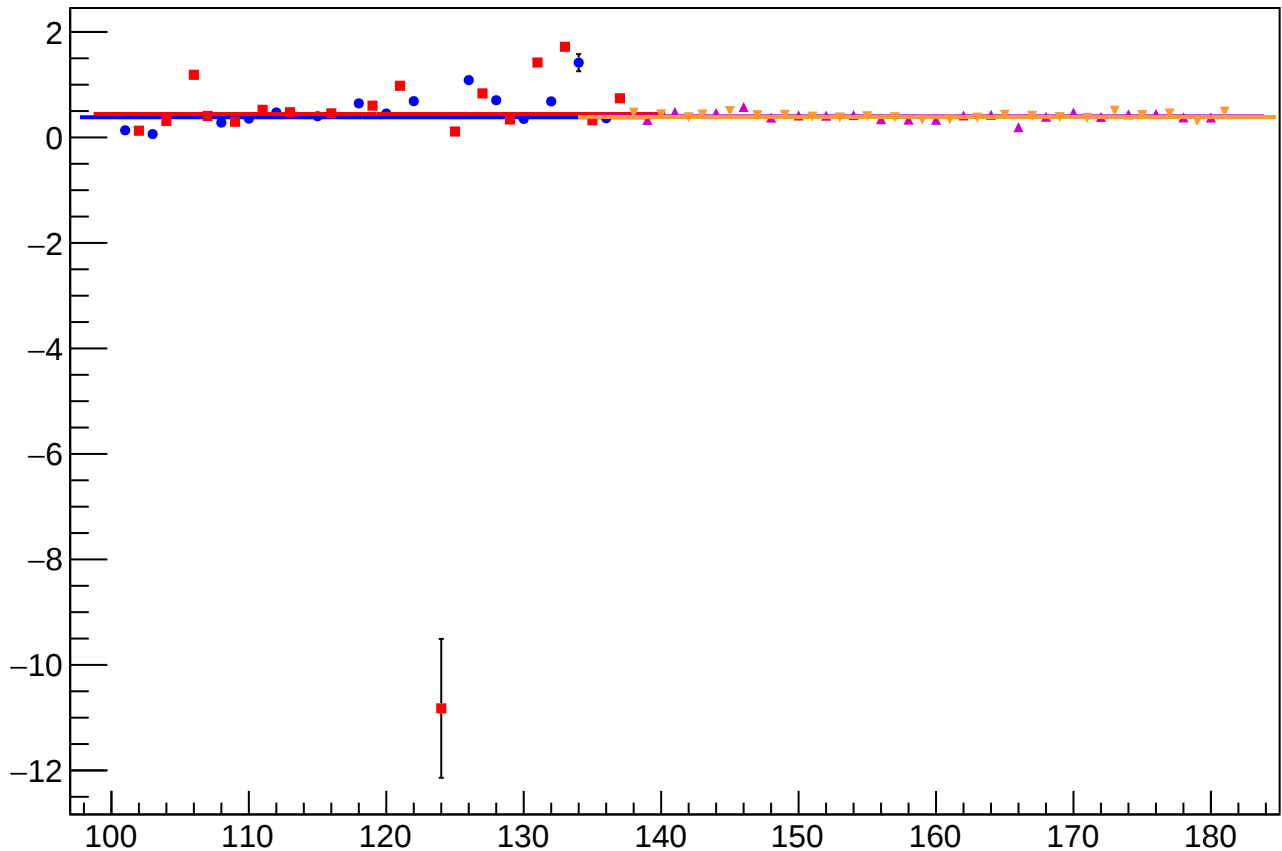
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -70.065 ± 0.013 $\chi^2/\text{NDF}: 1070161.5/35$

Out: -69.826 ± 0.013 $\chi^2/\text{NDF}: 942877.8/40$

All: -69.947 ± 0.009 $\chi^2/\text{NDF}: 2013212.0/76$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF:10432.4/22

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.401 $\pm$ 0.000 χ^2 /NDF:8517.0/20

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19388.0/43

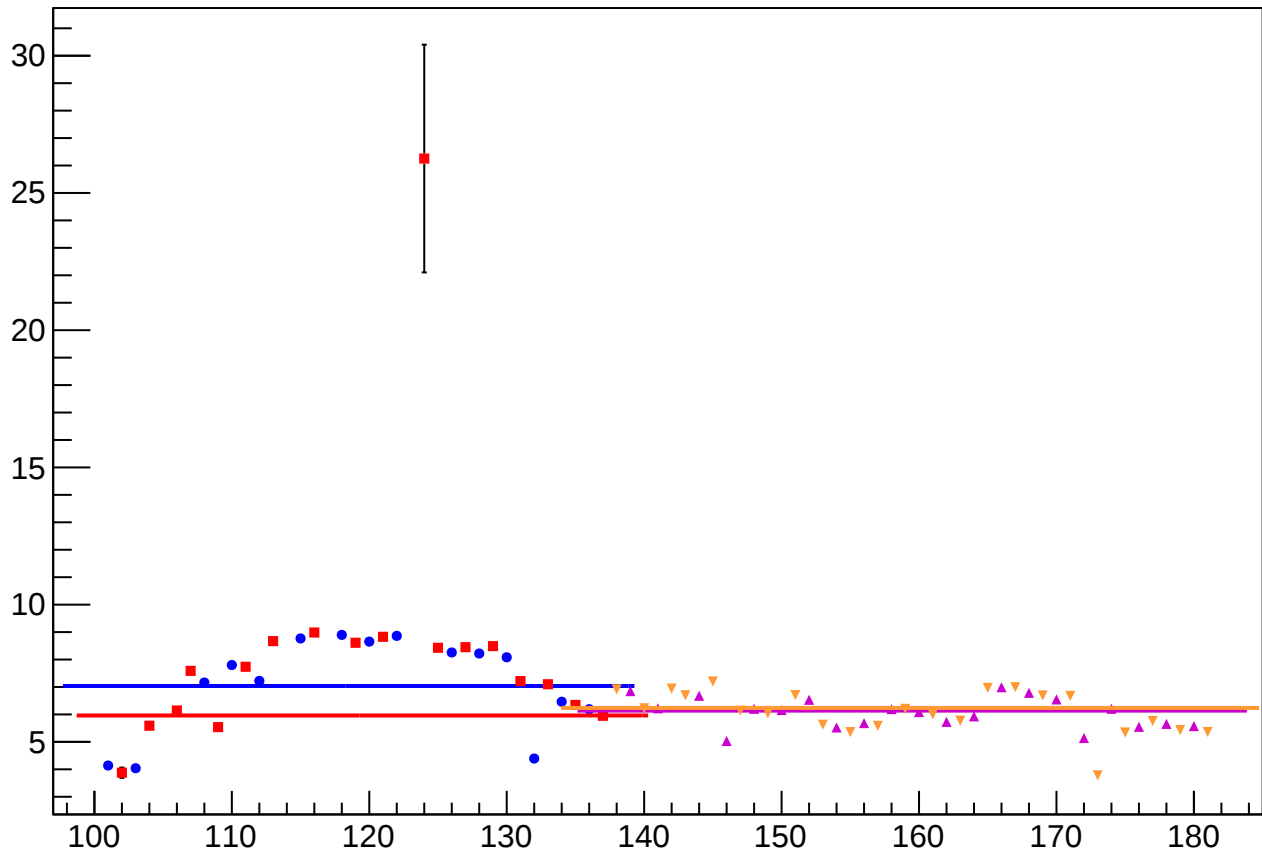
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.400 $\pm$ 0.000 χ^2 /NDF:16778.1/35

Out: 0.388 $\pm$ 0.000 χ^2 /NDF:13459.0/40

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 30571.5/76

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.237 ± 0.002 χ^2/NDF : 115861.9/22

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.140 ± 0.002 χ^2/NDF : 52250.9/20

Left: 6.188 ± 0.001 χ^2/NDF : 170147.4/43

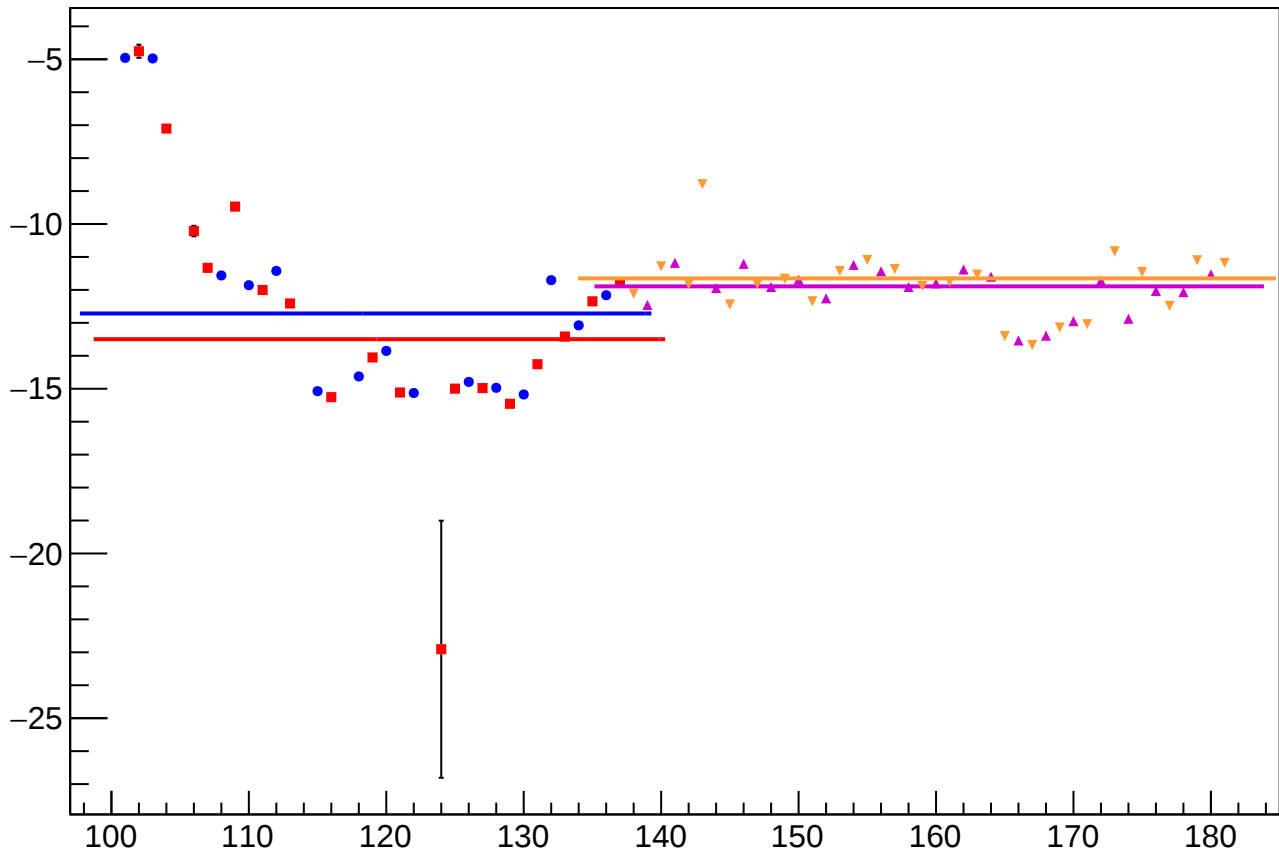
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.230 ± 0.001 χ^2/NDF : 157494.0/35

Out: 5.980 ± 0.000 χ^2/NDF : 314414.1/40

All: 5.997 ± 0.000 χ^2/NDF : 500048.5/76

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.651 $\pm$ 0.002 χ^2 /NDF:344020.7/22

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.893 $\pm$ 0.002 χ^2 /NDF:64717.1/20

Left: -11.770 $\pm$ 0.001 χ^2 /NDF: 415359.6/43

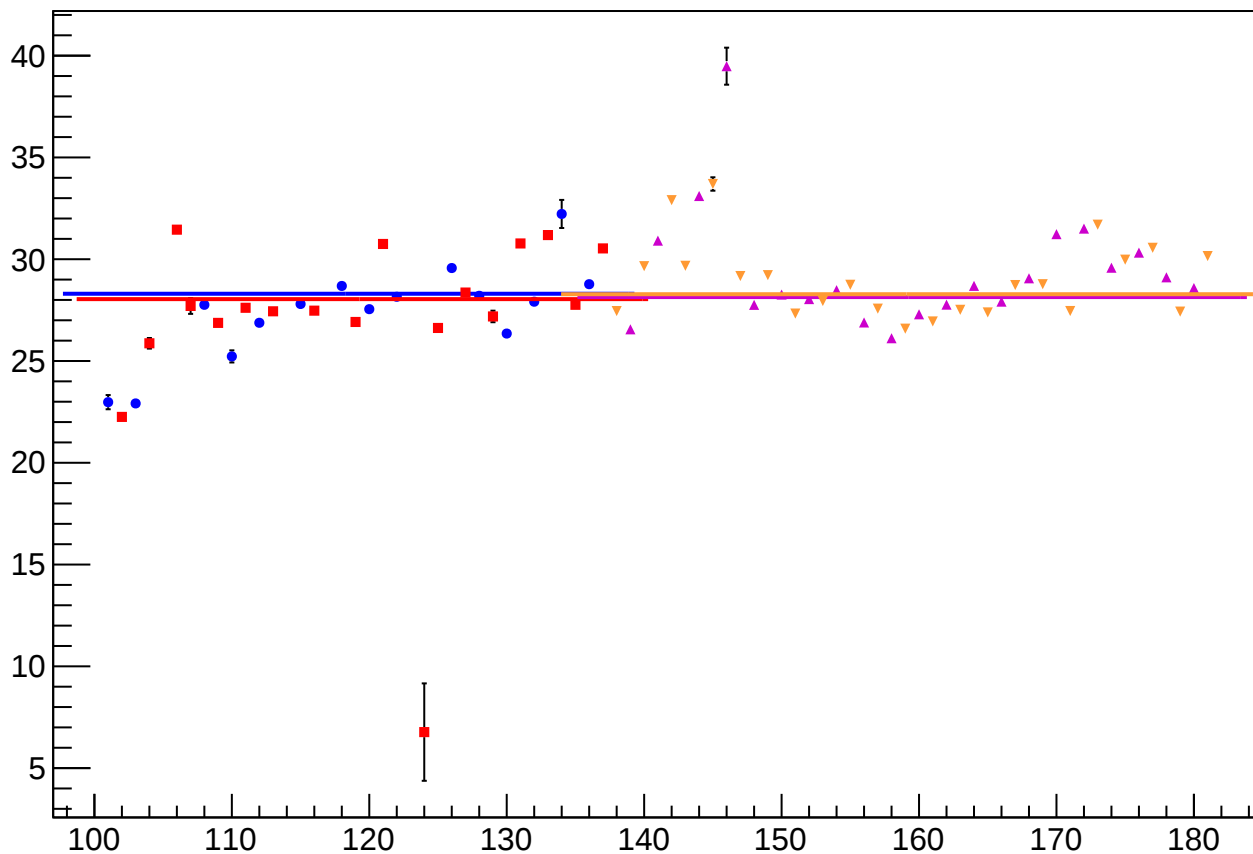
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.974 $\pm$ 0.002 χ^2 /NDF:164918.7/35

Out: -11.863 $\pm$ 0.002 χ^2 /NDF:489016.1/40

All: -11.918 $\pm$ 0.001 χ^2 /NDF: 655508.4/76

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.281 $\pm$ 0.018 χ^2 /NDF:6706.9/22

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.141 $\pm$ 0.015 χ^2 /NDF:8717.2/20

Left: 28.199 $\pm$ 0.011 χ^2 /NDF: 15460.2/43

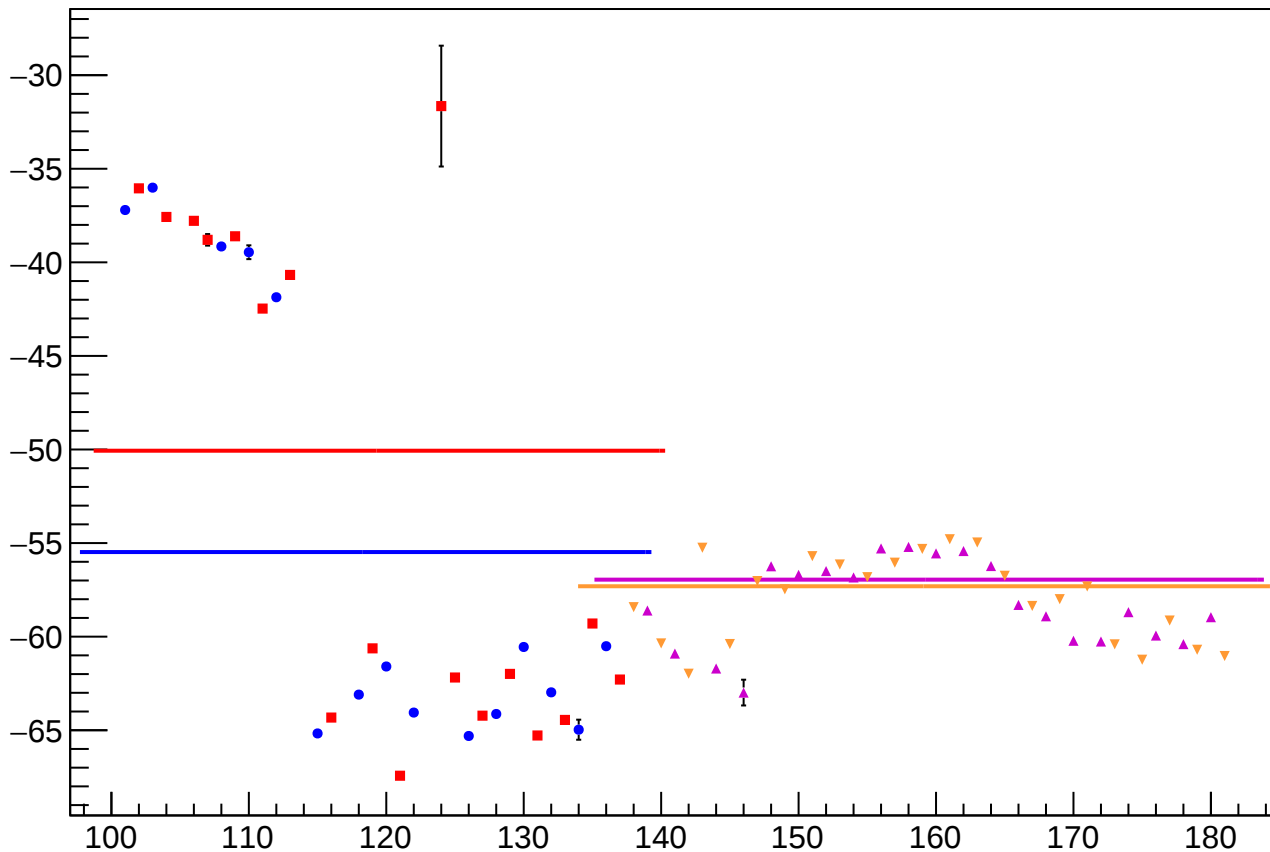
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.189 $\pm$ 0.013 χ^2 /NDF:12152.3/35

Out: 28.219 $\pm$ 0.015 χ^2 /NDF:9315.4/40

All: 28.201 $\pm$ 0.010 χ^2 /NDF: 21470.0/76

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.307 ± 0.015 $\chi^2/\text{NDF}: 22322.2/22$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.954 ± 0.013 $\chi^2/\text{NDF}: 16852.9/20$

Left: -57.109 ± 0.010 $\chi^2/\text{NDF}: 39504.0/43$

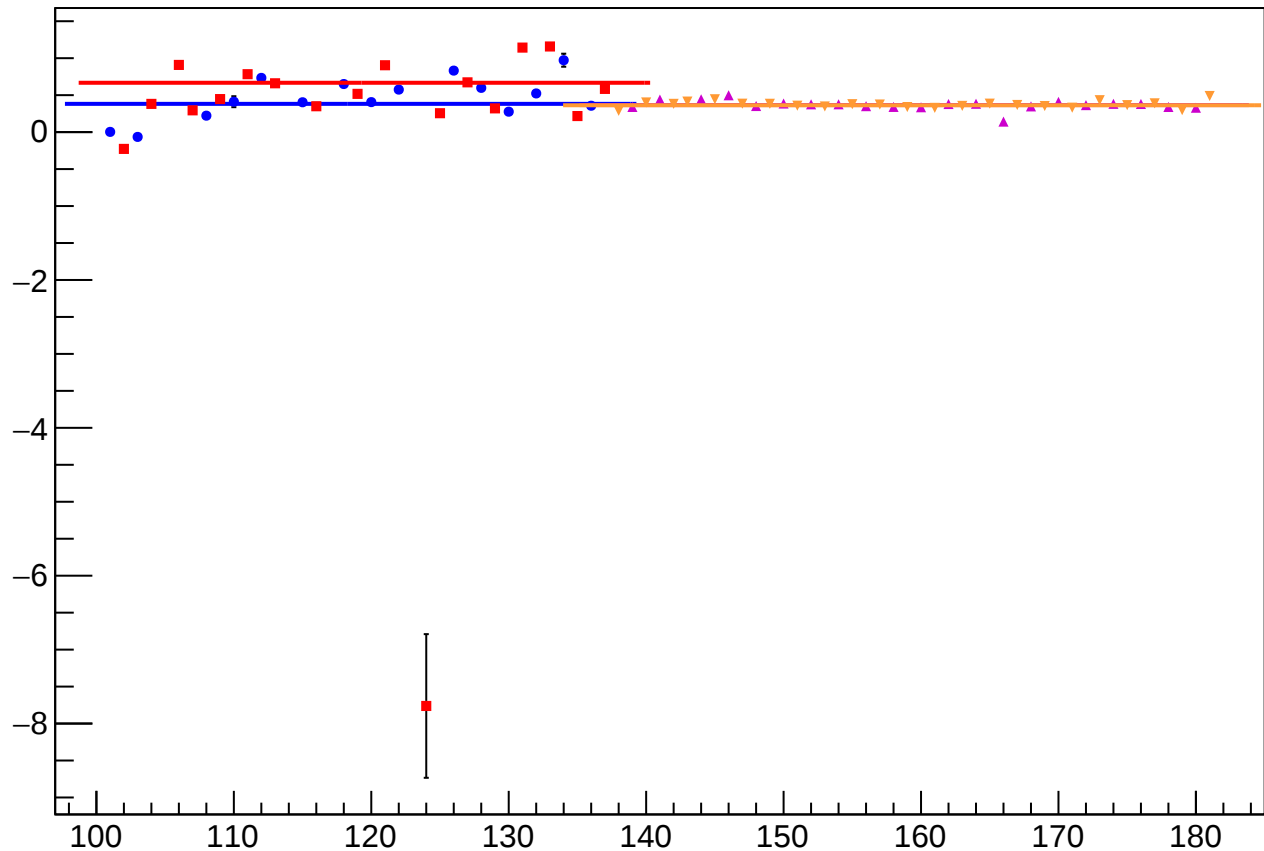
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.399 ± 0.010 $\chi^2/\text{NDF}: 616931.7/35$

Out: -55.240 ± 0.012 $\chi^2/\text{NDF}: 432505.5/40$

All: -55.931 ± 0.008 $\chi^2/\text{NDF}: 1054679.8/76$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.363 ± 0.000 χ^2/NDF : 8196.9/22

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.366 ± 0.000 χ^2/NDF : 6039.4/20

Left: 0.365 ± 0.000 χ^2/NDF : 14266.7/43

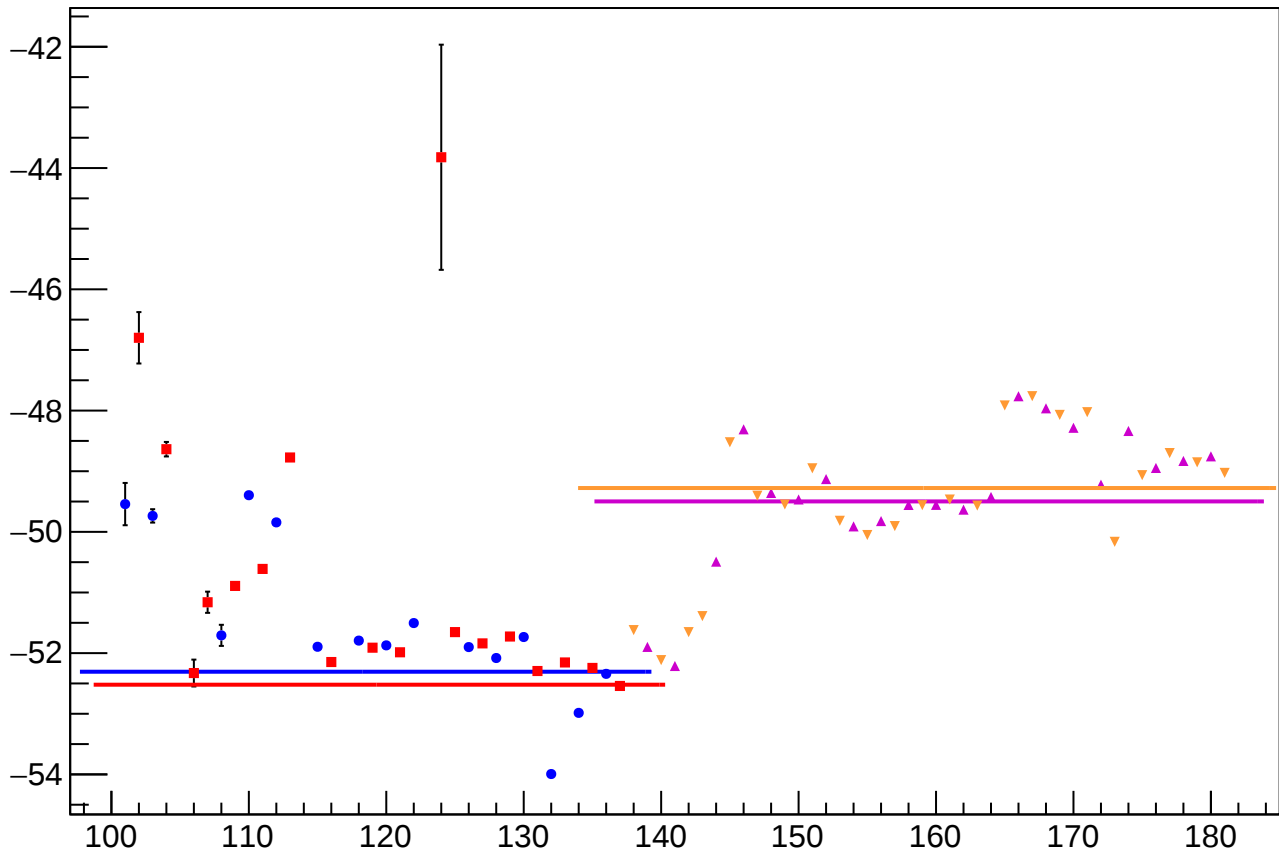
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.367 ± 0.000 χ^2/NDF : 10733.7/35

Out: 0.365 ± 0.000 χ^2/NDF : 16239.3/40

All: 0.366 ± 0.000 χ^2/NDF : 26985.0/76

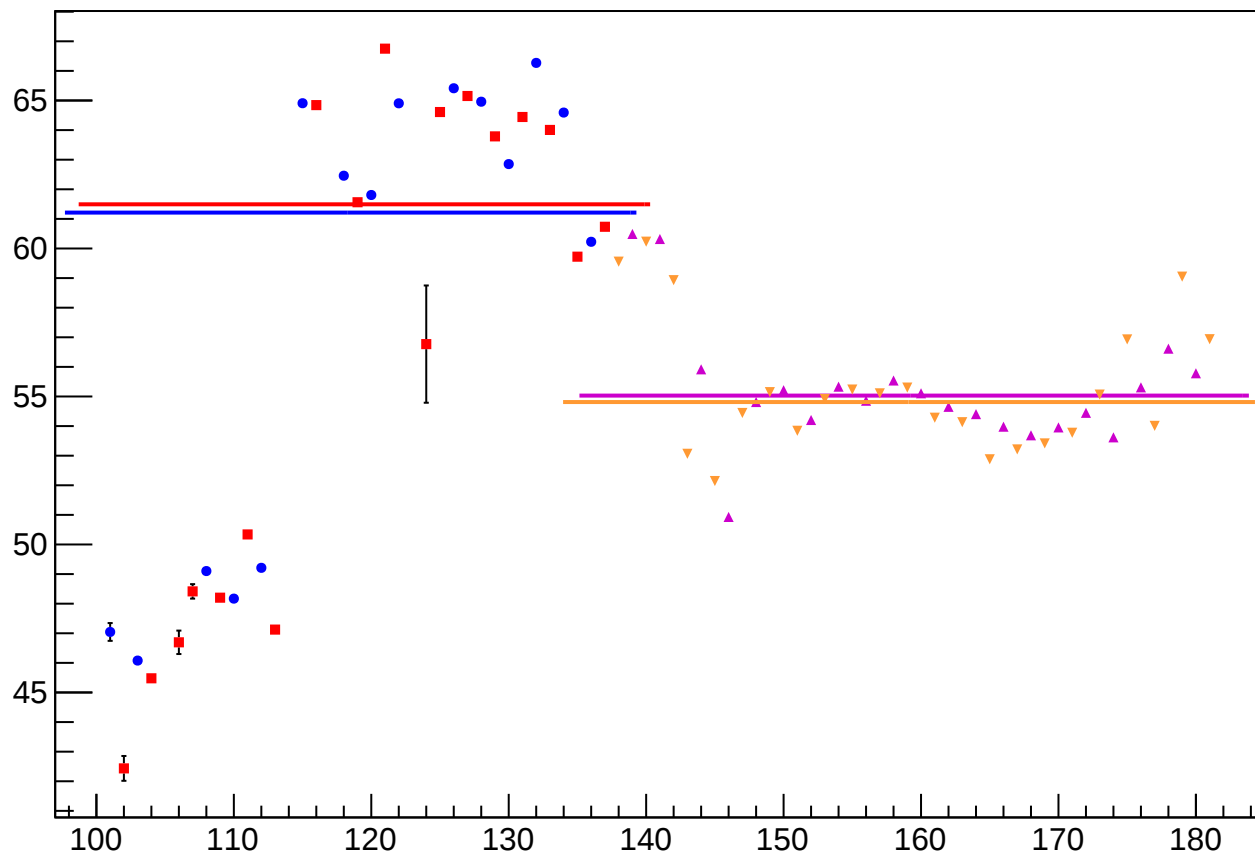
dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14
 Left Out: -49.277 ± 0.001 χ^2/NDF : 510702.3/22
 Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17
 Left In: -49.498 ± 0.001 χ^2/NDF : 428930.9/20

Left: -49.385 ± 0.001 χ^2/NDF : 952149.5/43
 Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32
 In: -49.826 ± 0.001 χ^2/NDF : 917040.6/35
 Out: -51.257 ± 0.001 χ^2/NDF : 3894208.5/40
 All: -50.832 ± 0.001 χ^2/NDF : 5630054.3/76

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.812 $\pm$ 0.003 χ^2 /NDF: 268720.9/22

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.030 $\pm$ 0.003 χ^2 /NDF: 82538.8/20

Left: 54.932 $\pm$ 0.002 χ^2 /NDF: 353862.8/43

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.507 $\pm$ 0.003 χ^2 /NDF: 597105.0/35

Out: 56.027 $\pm$ 0.003 χ^2 /NDF: 1321545.0/40

All: 55.757 $\pm$ 0.002 χ^2 /NDF: 1935744.8/76

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

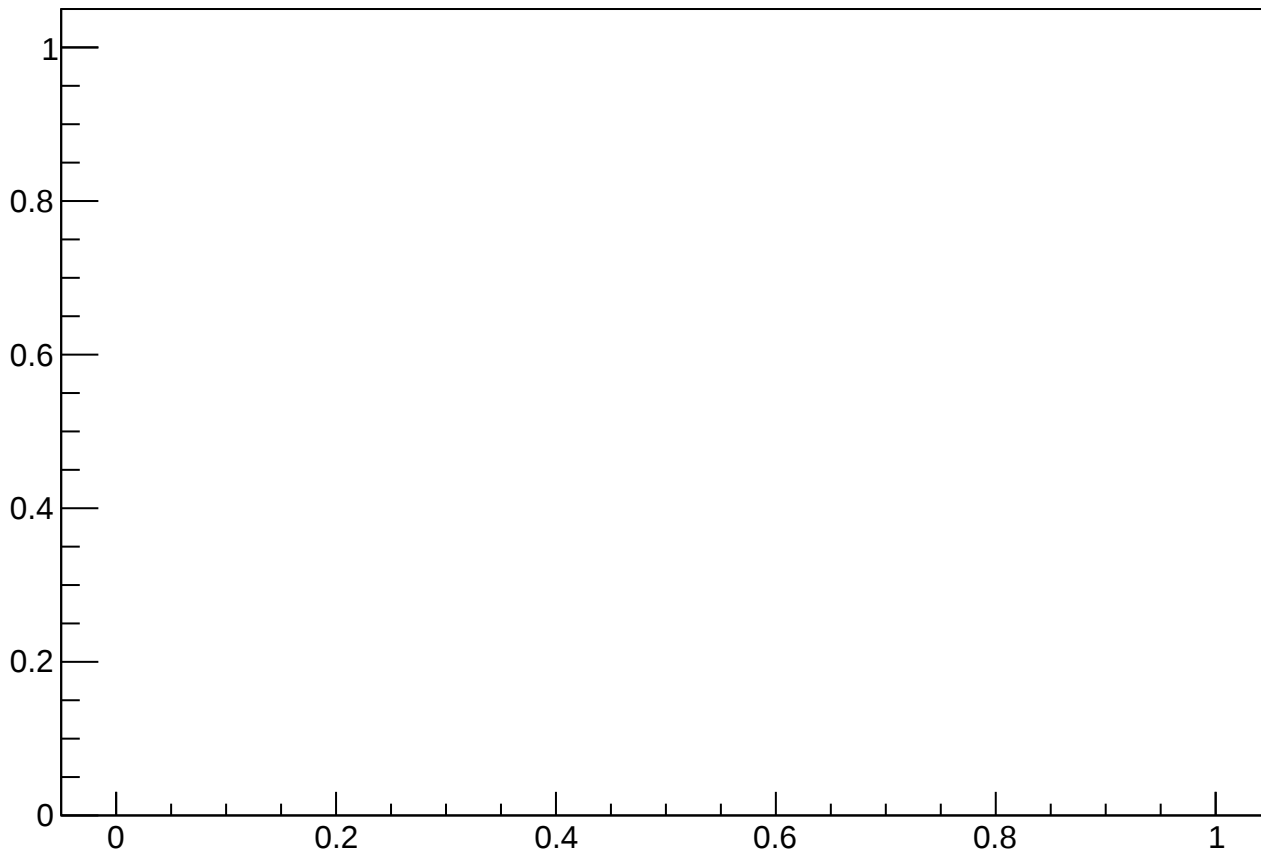
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

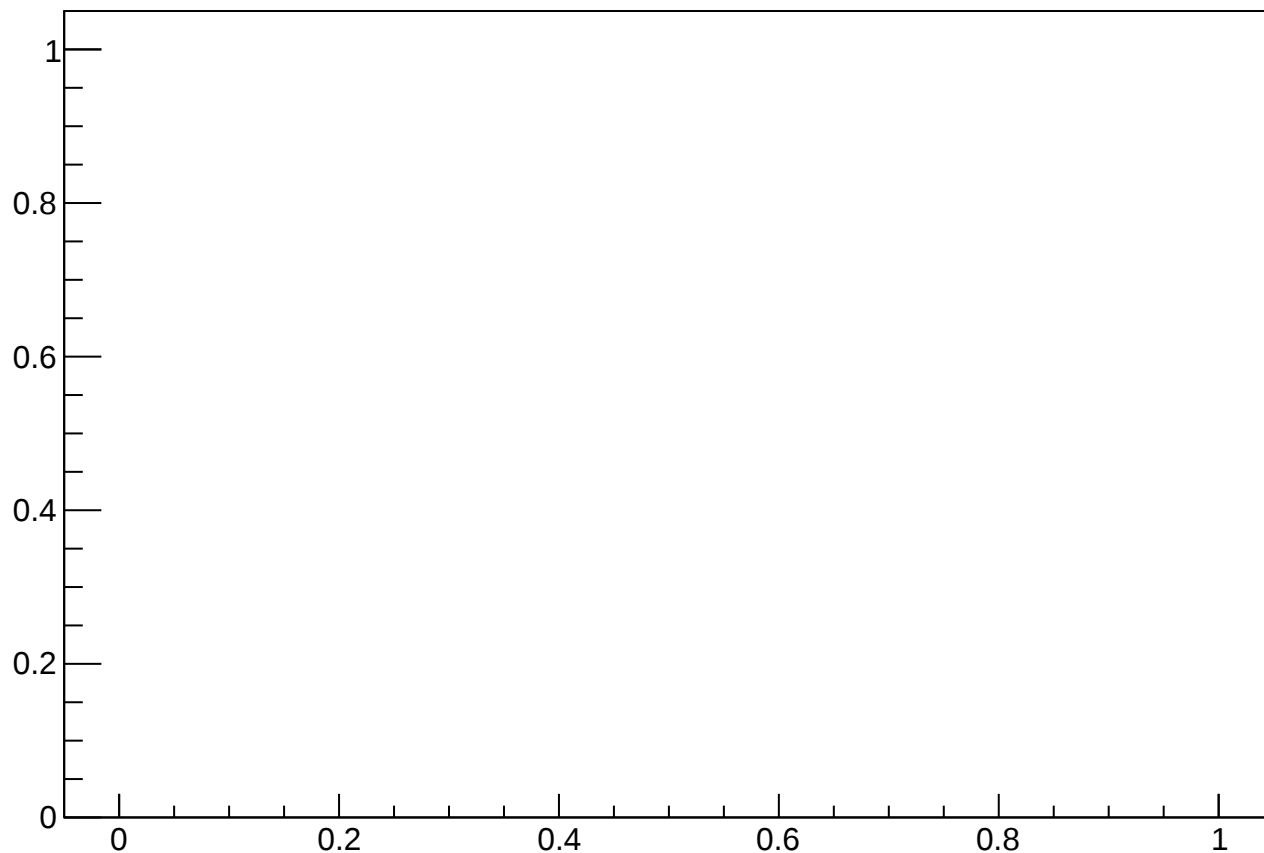
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

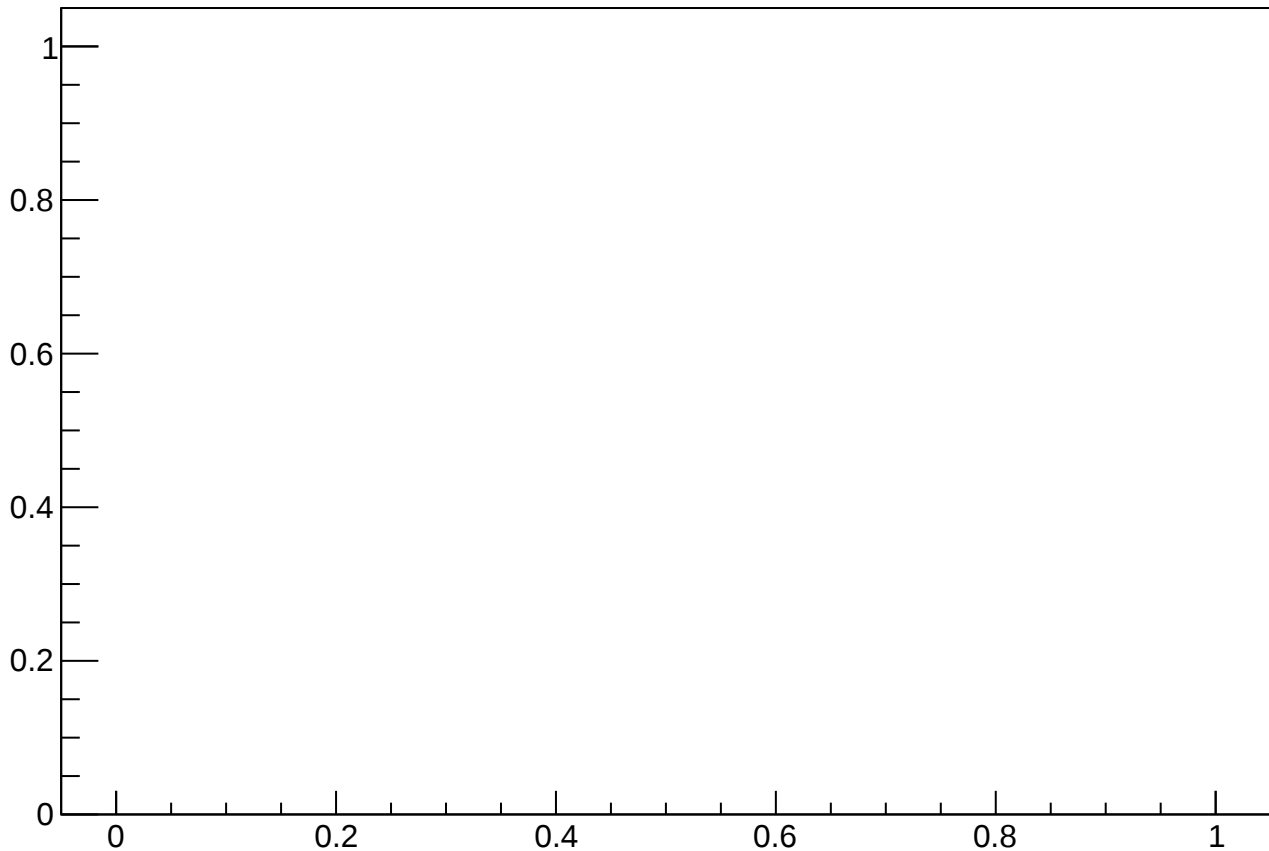
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

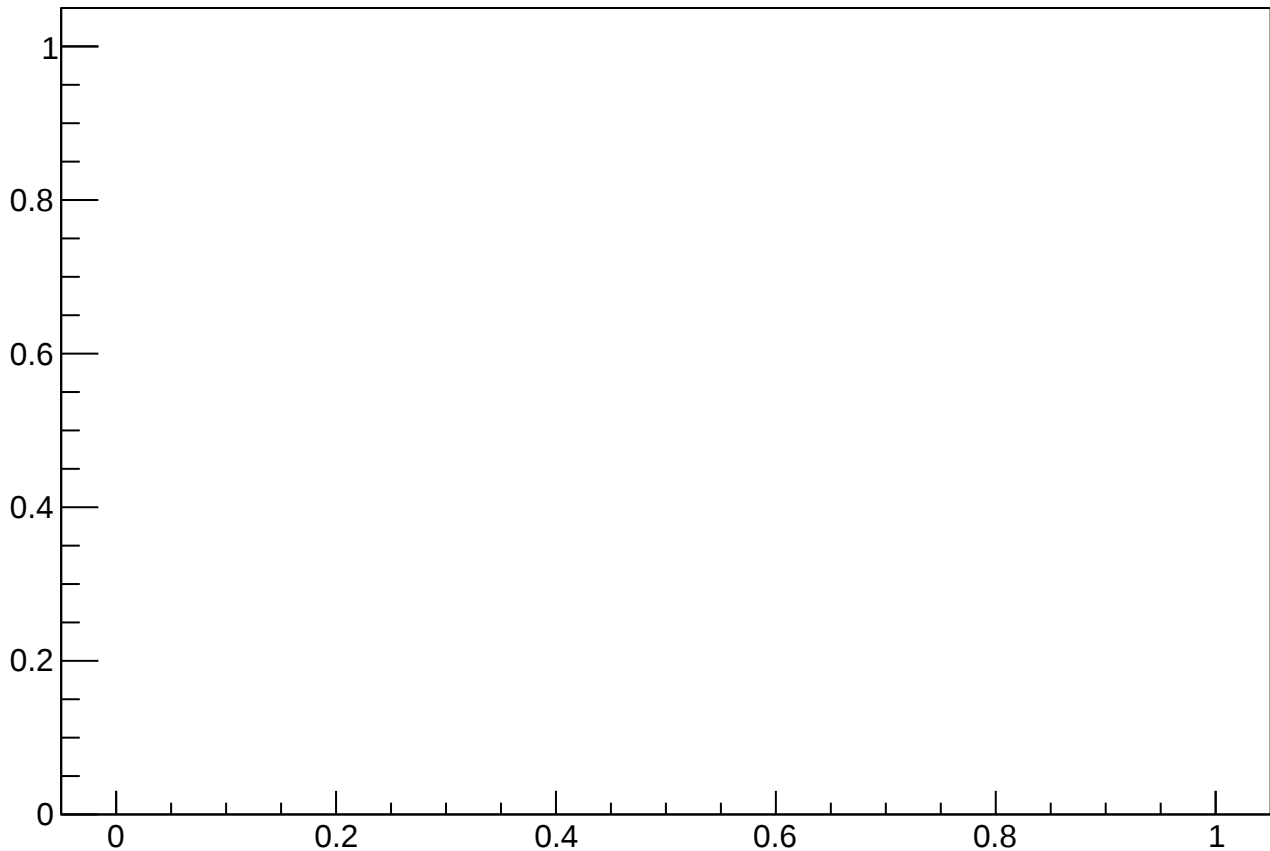
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

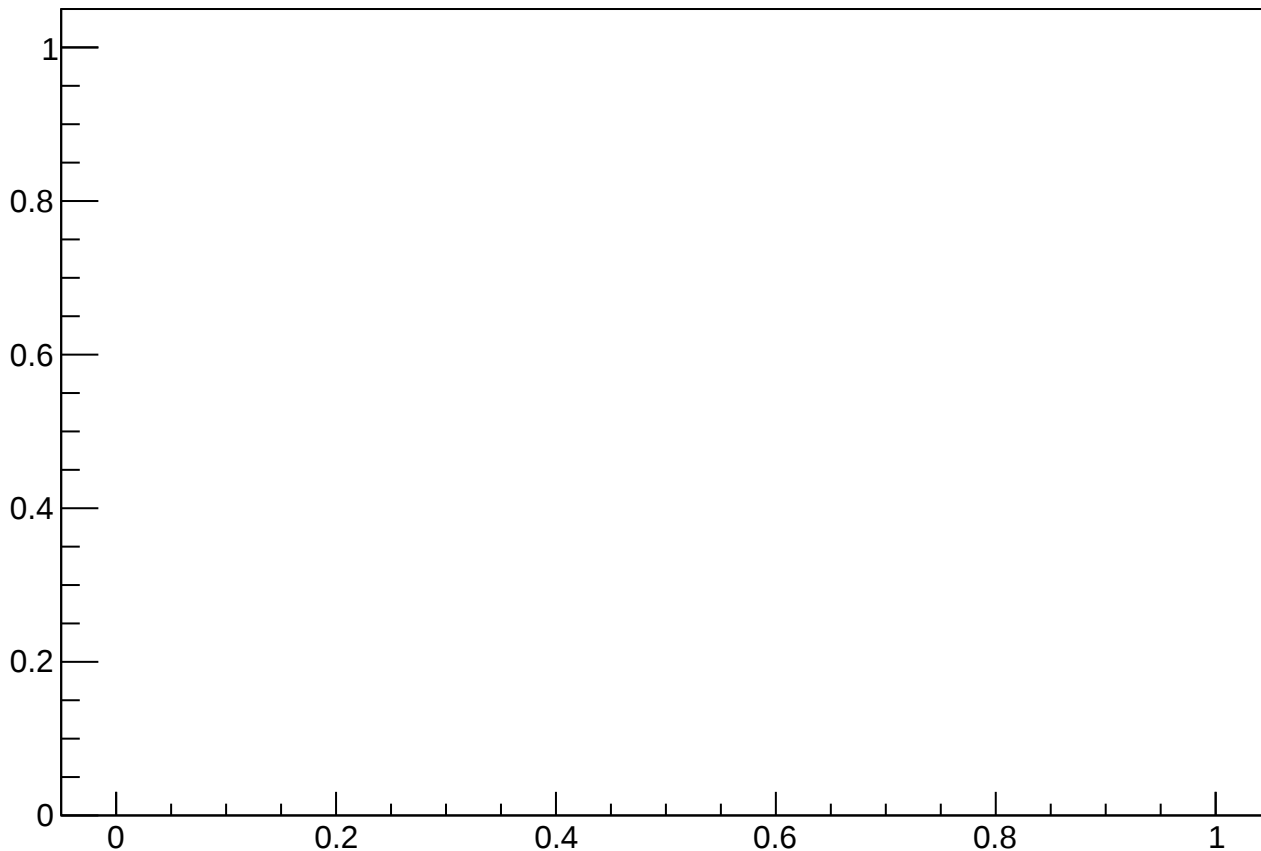
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

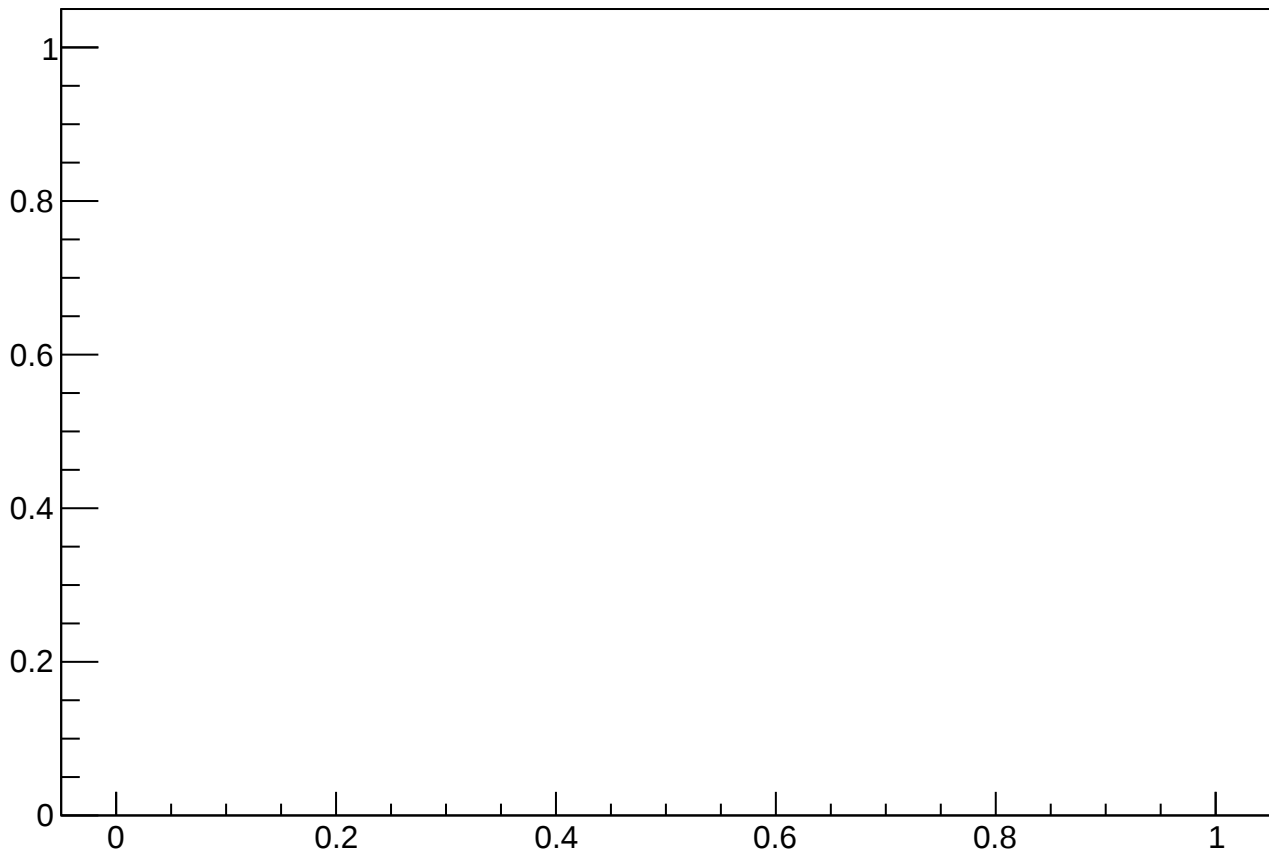
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

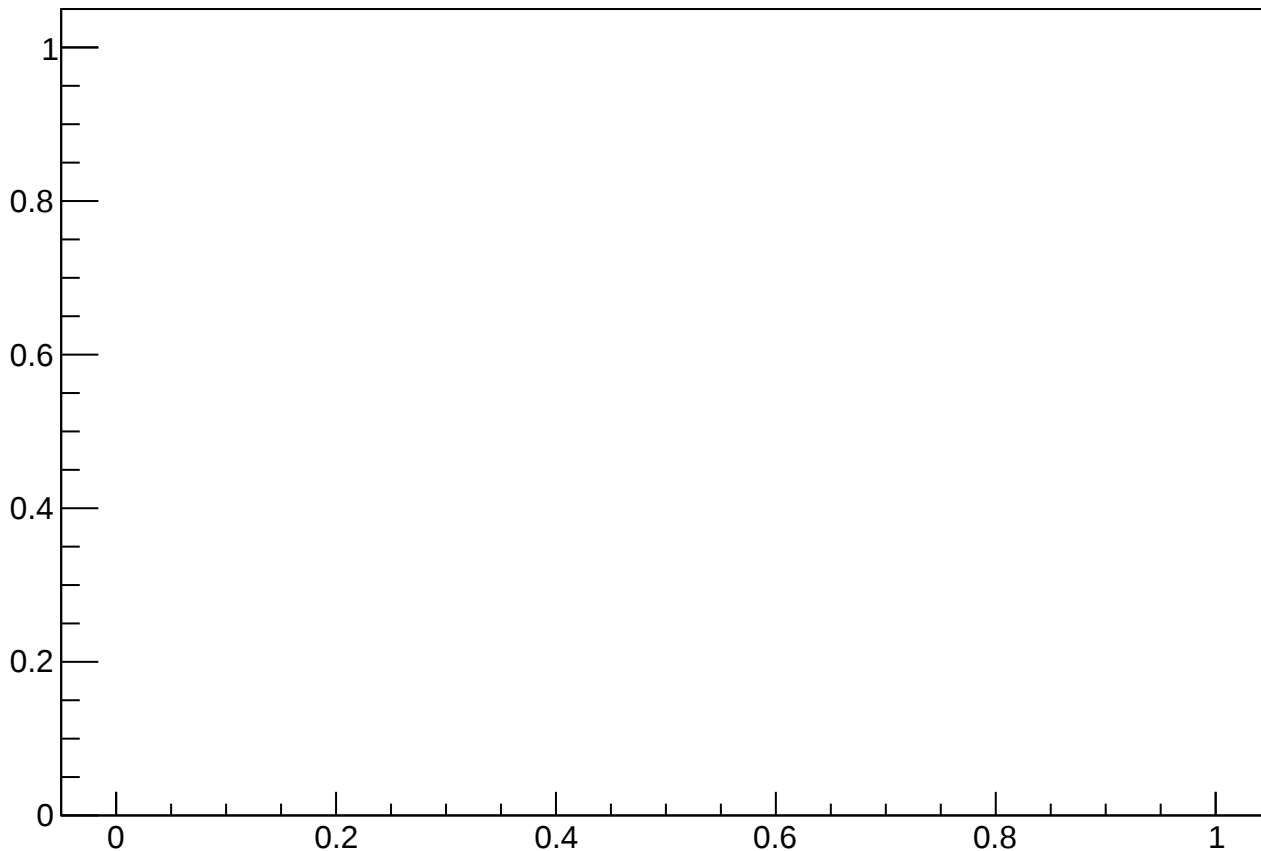
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

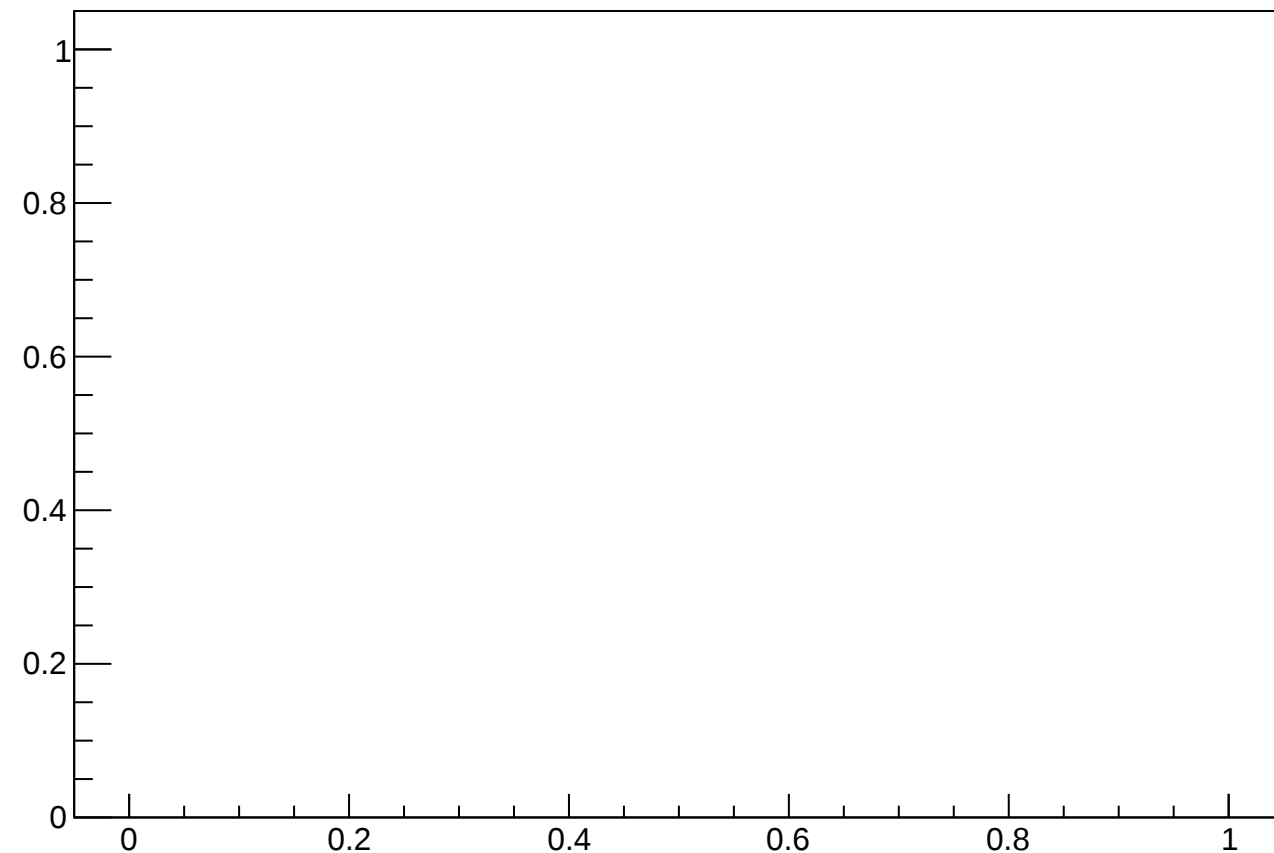
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_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

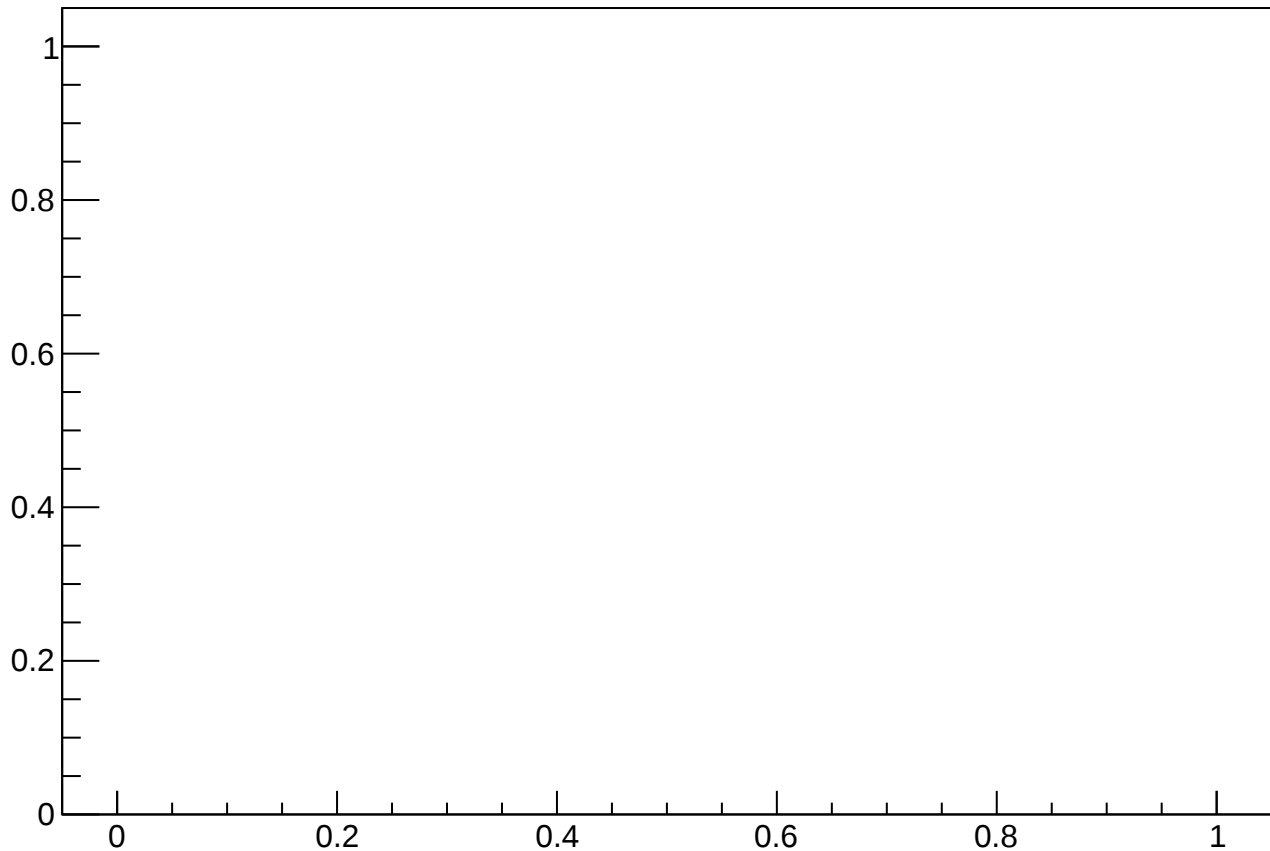
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

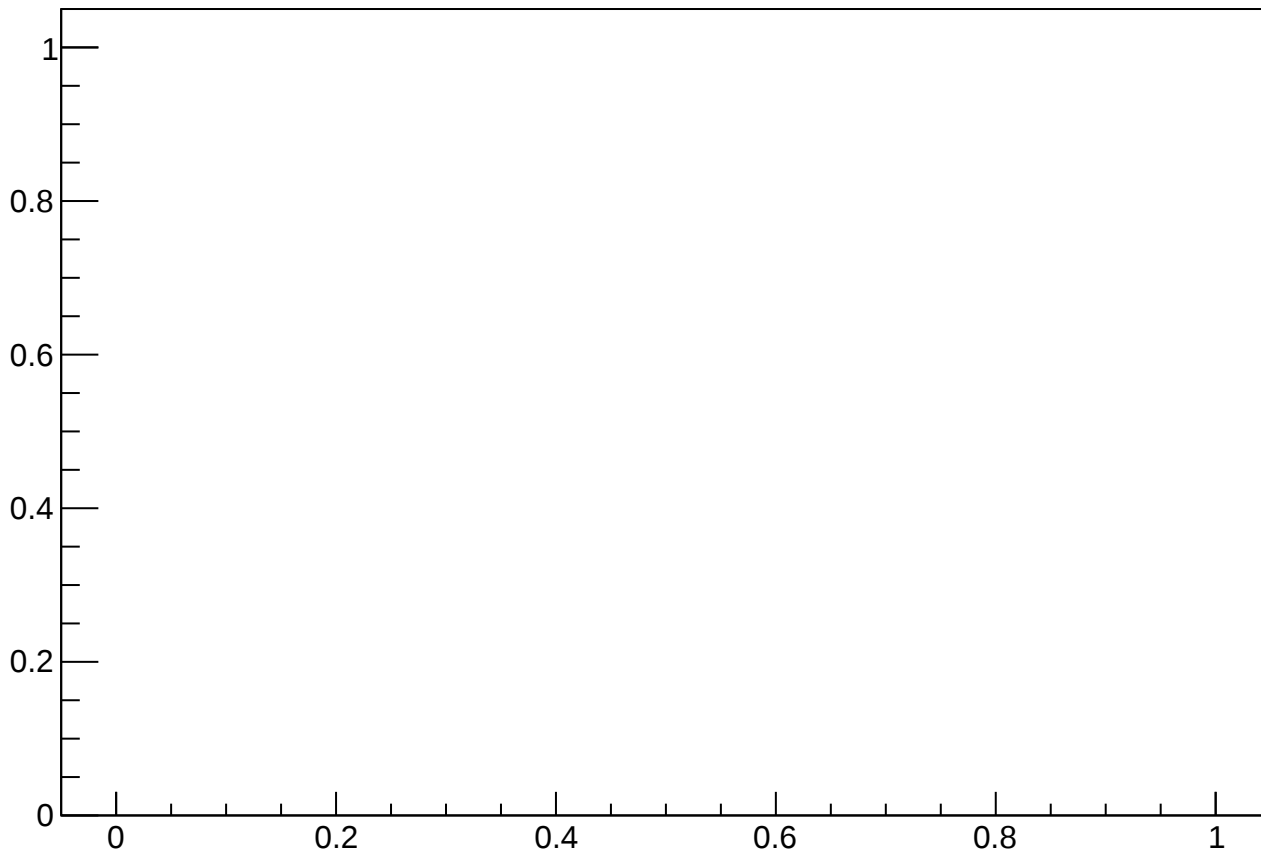
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

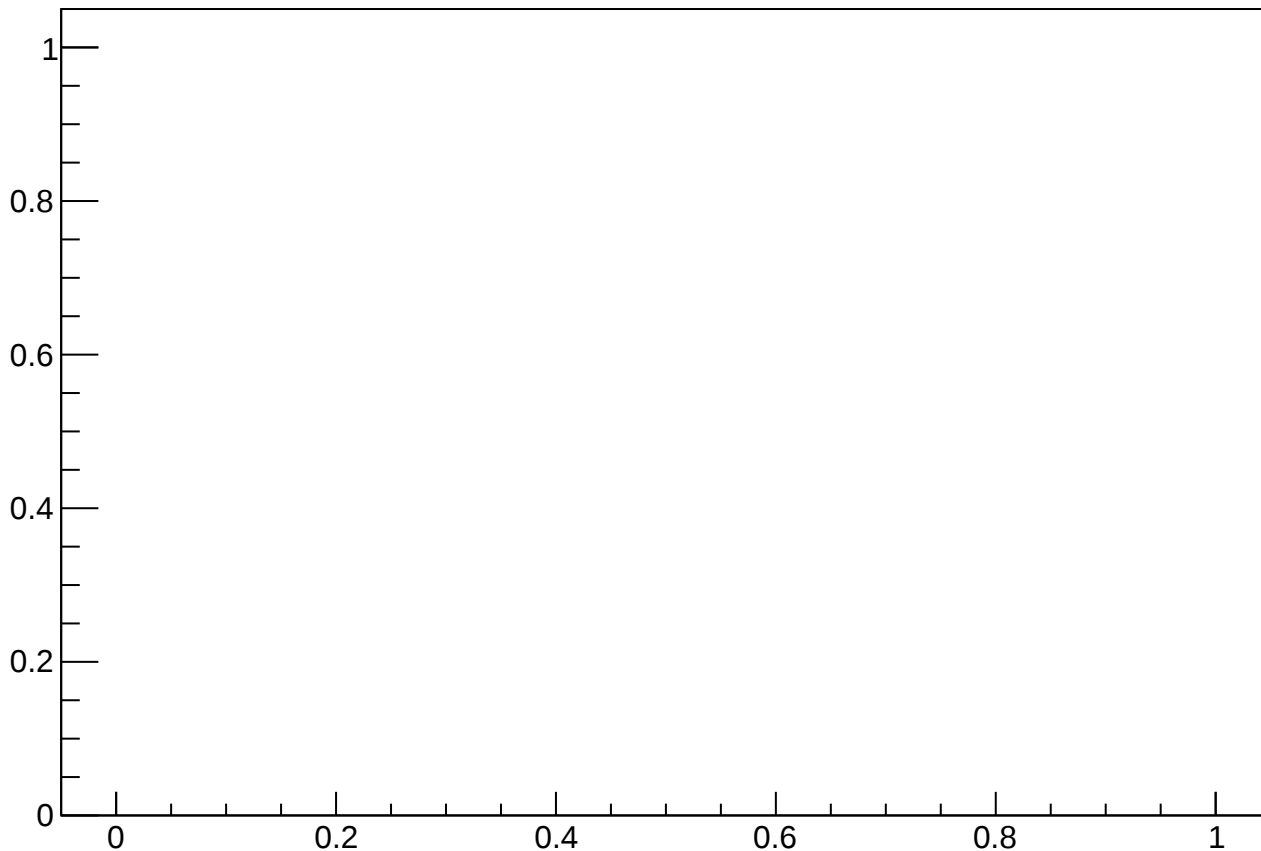
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

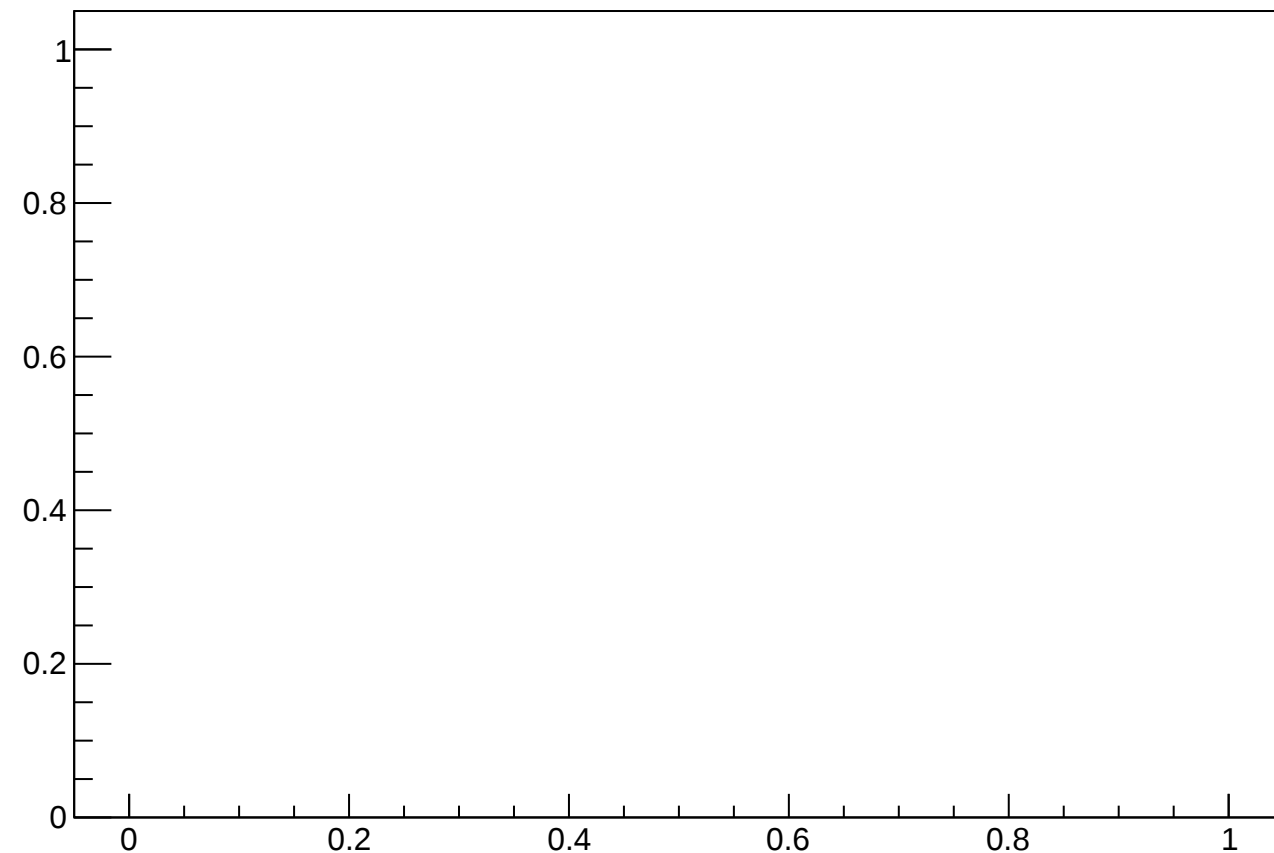
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

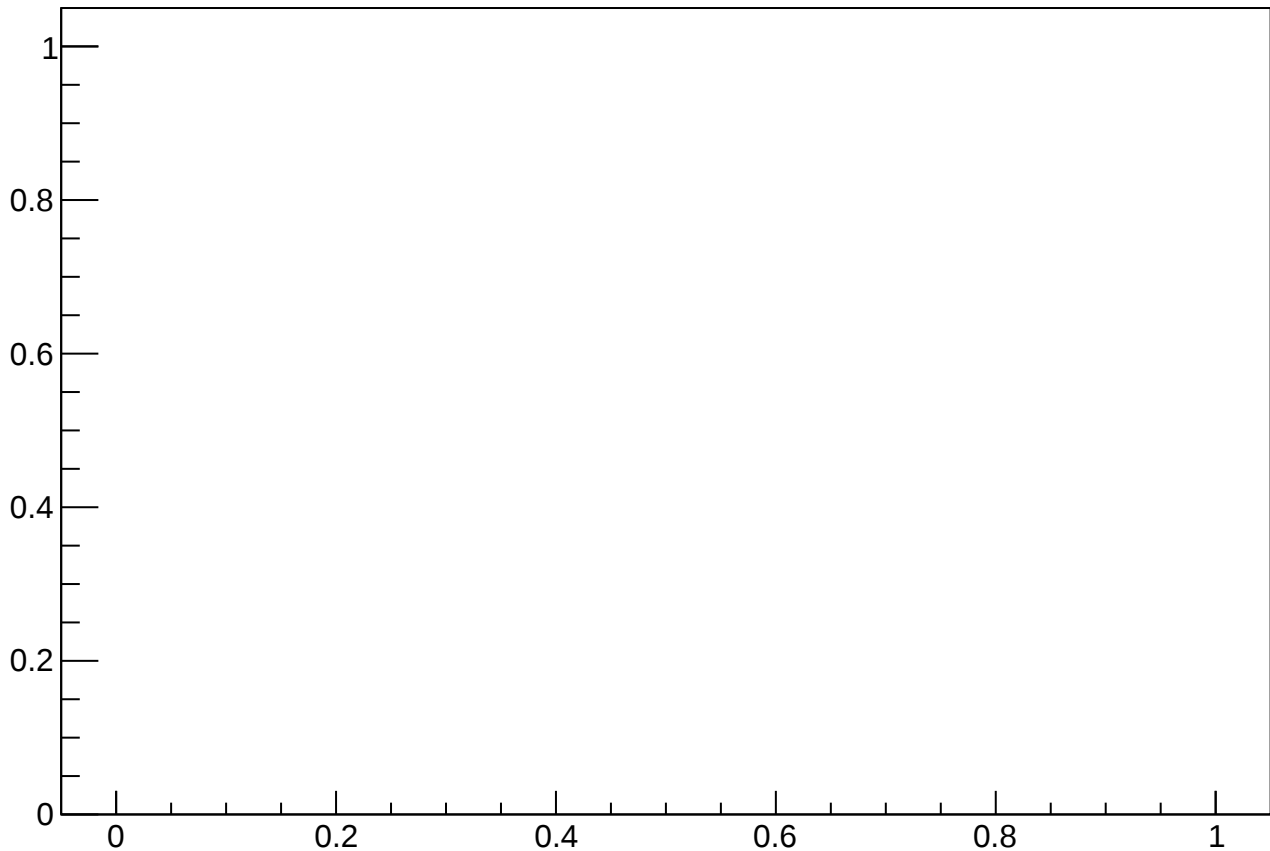
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

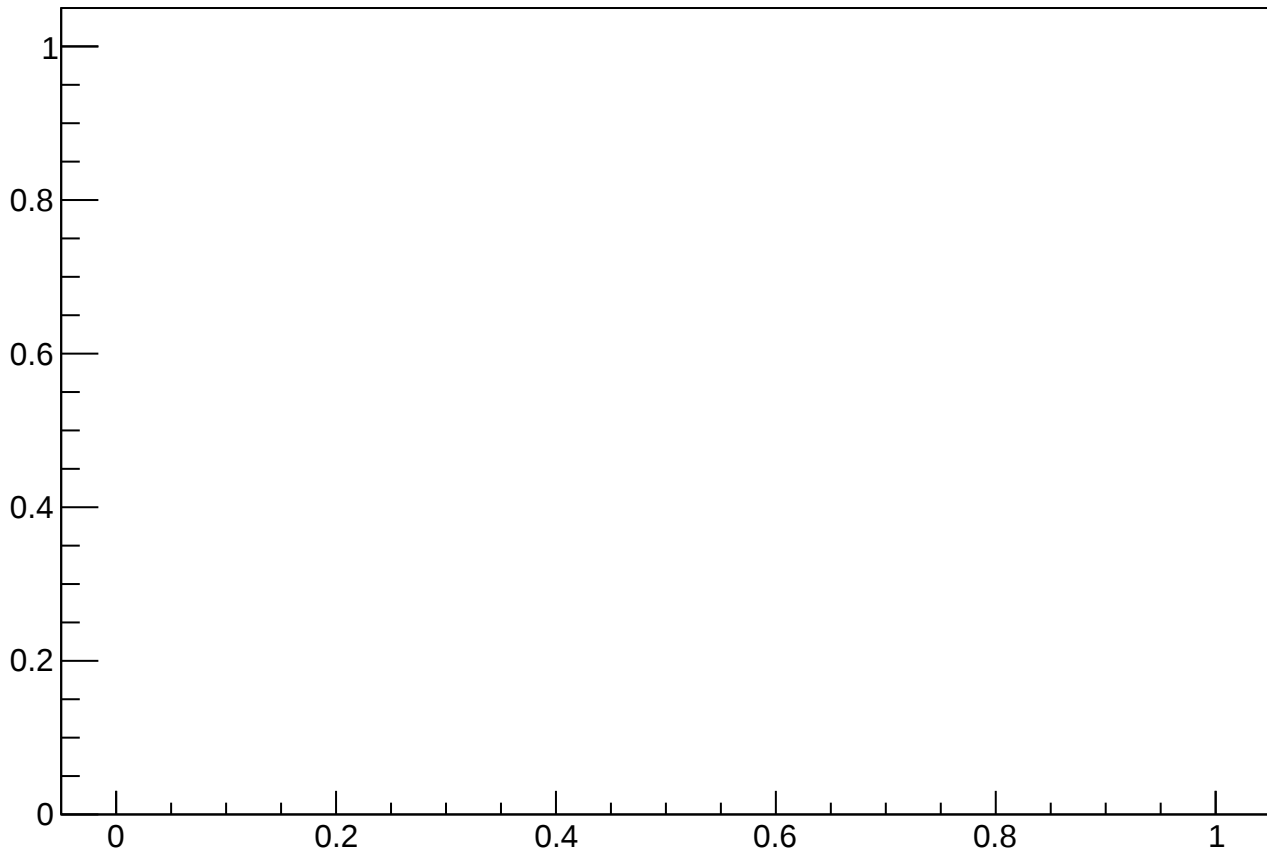
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

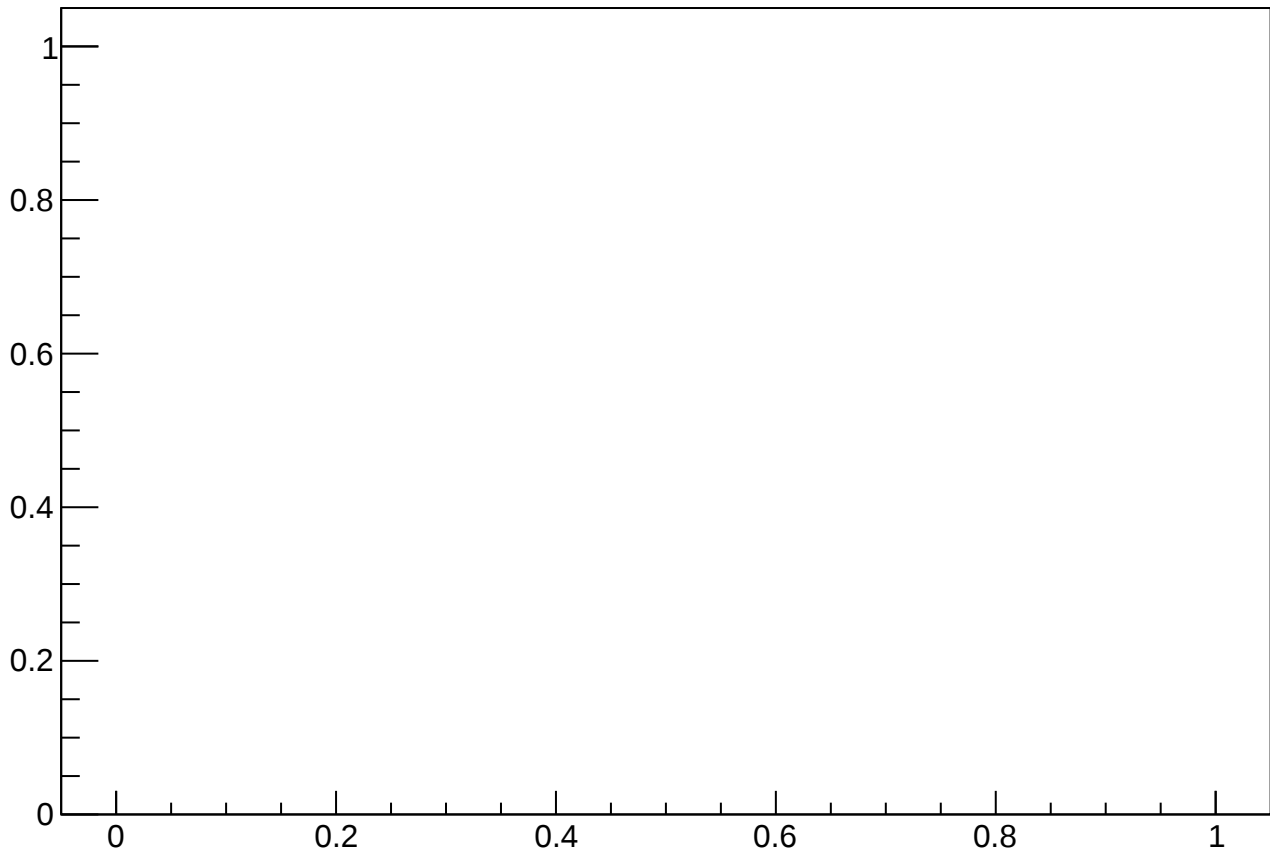
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

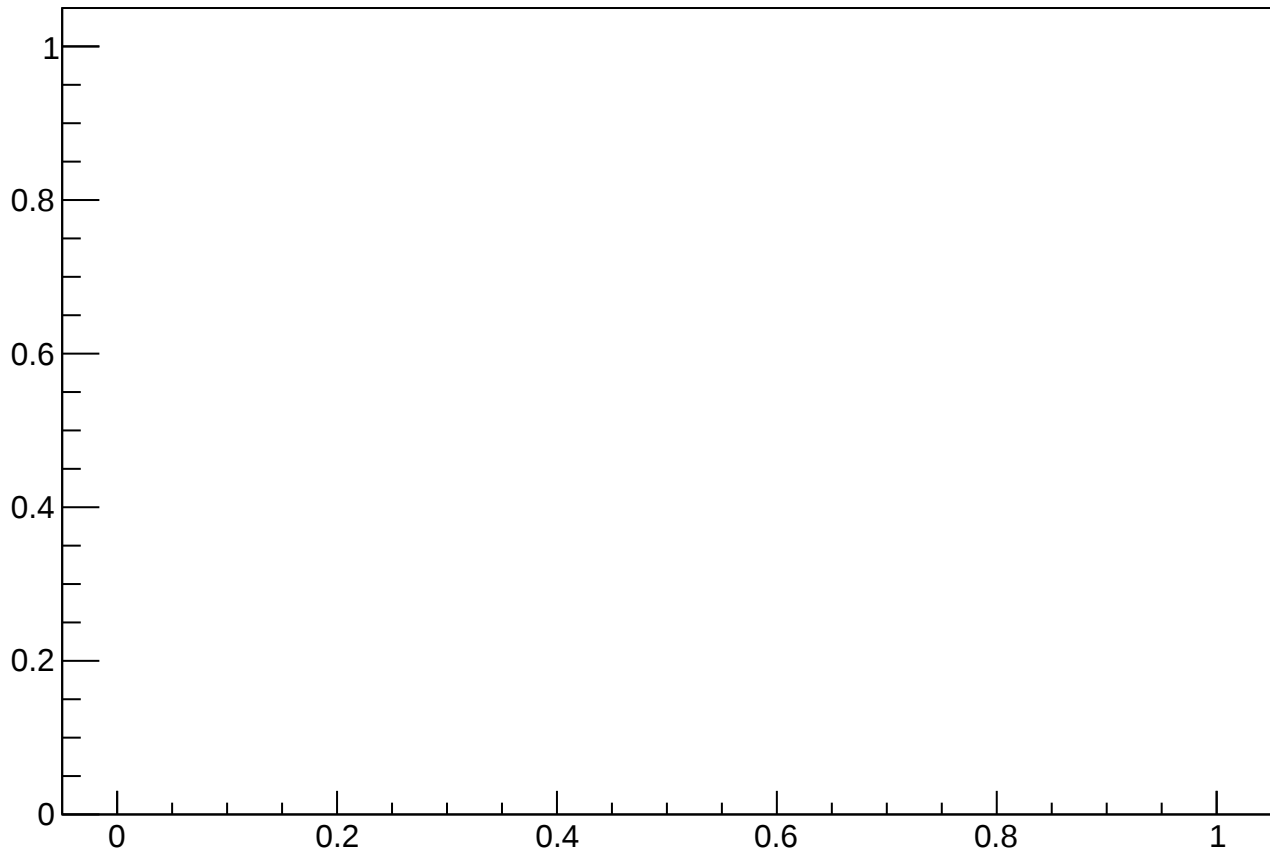
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

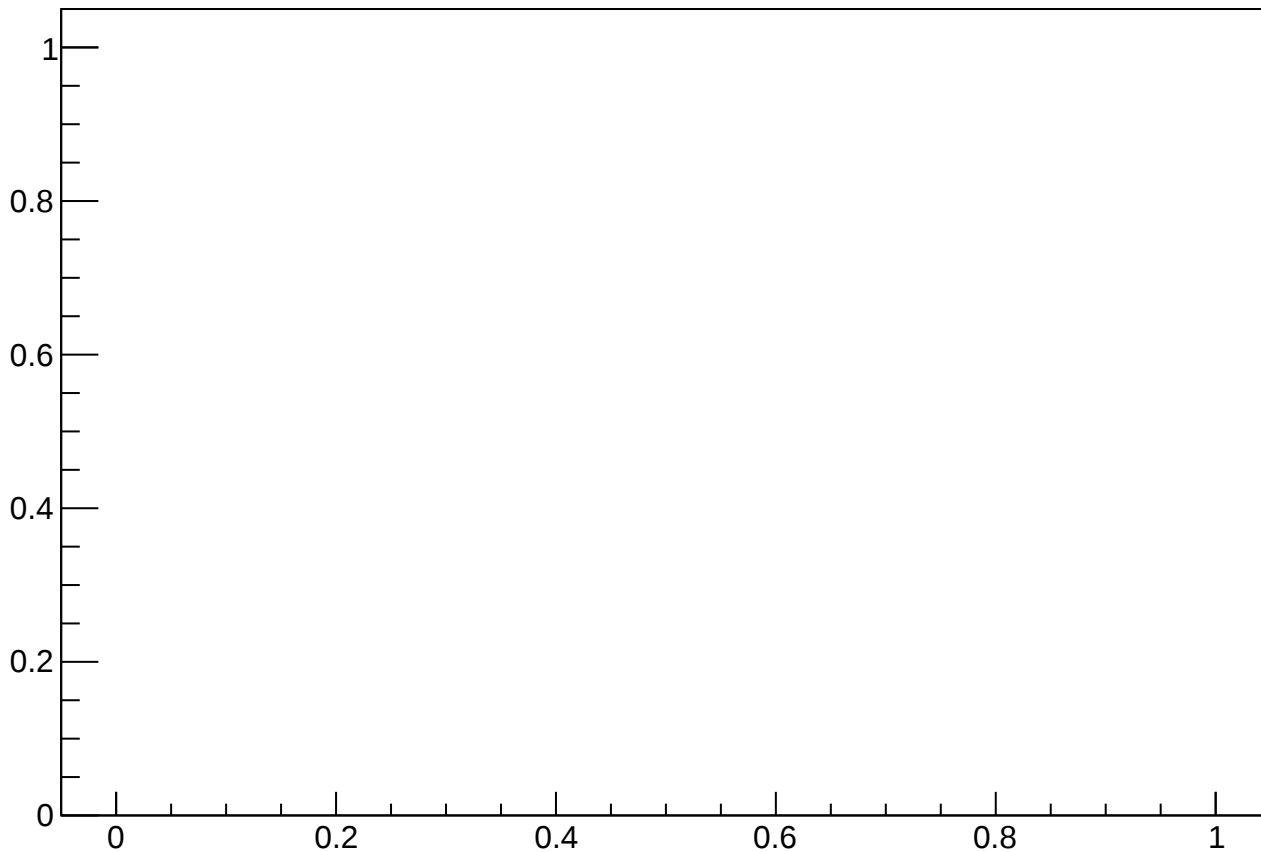
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

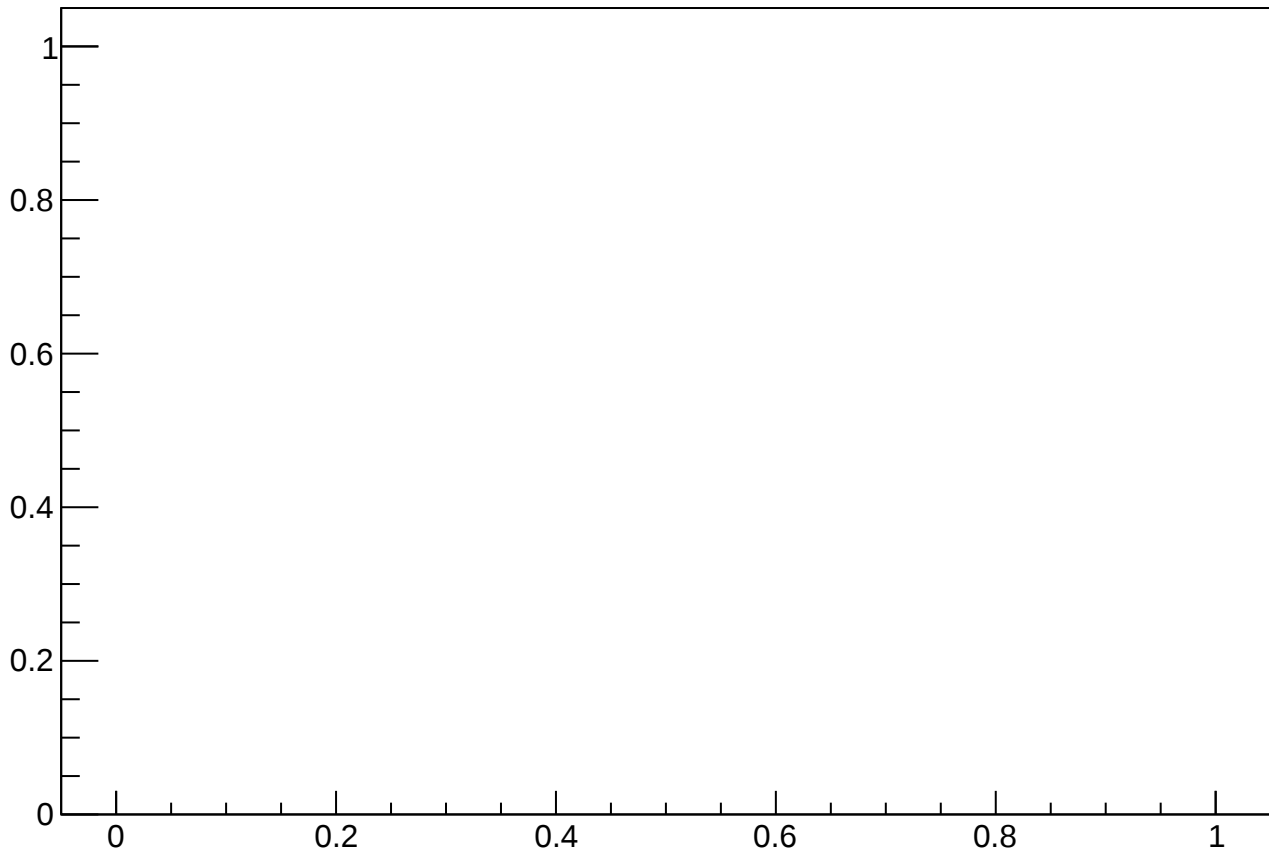
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

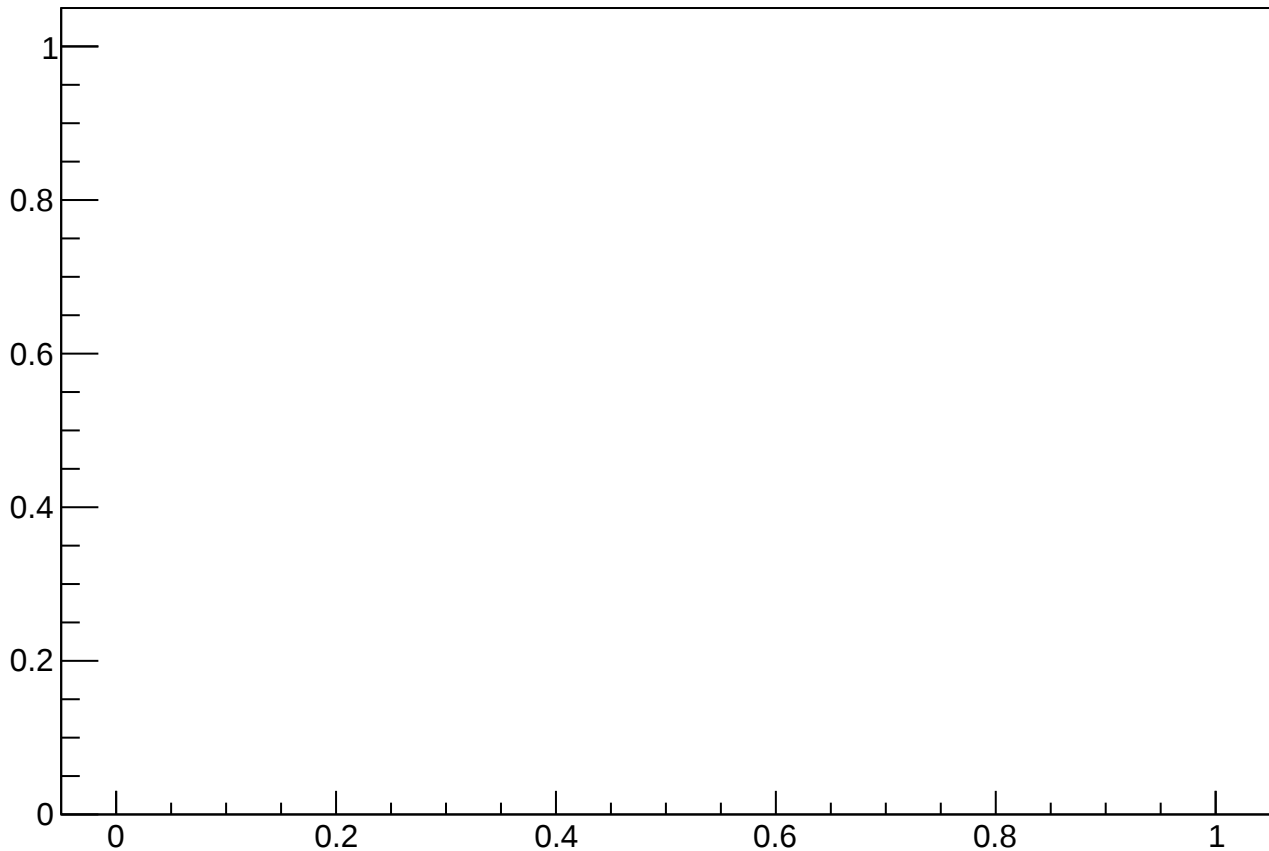
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

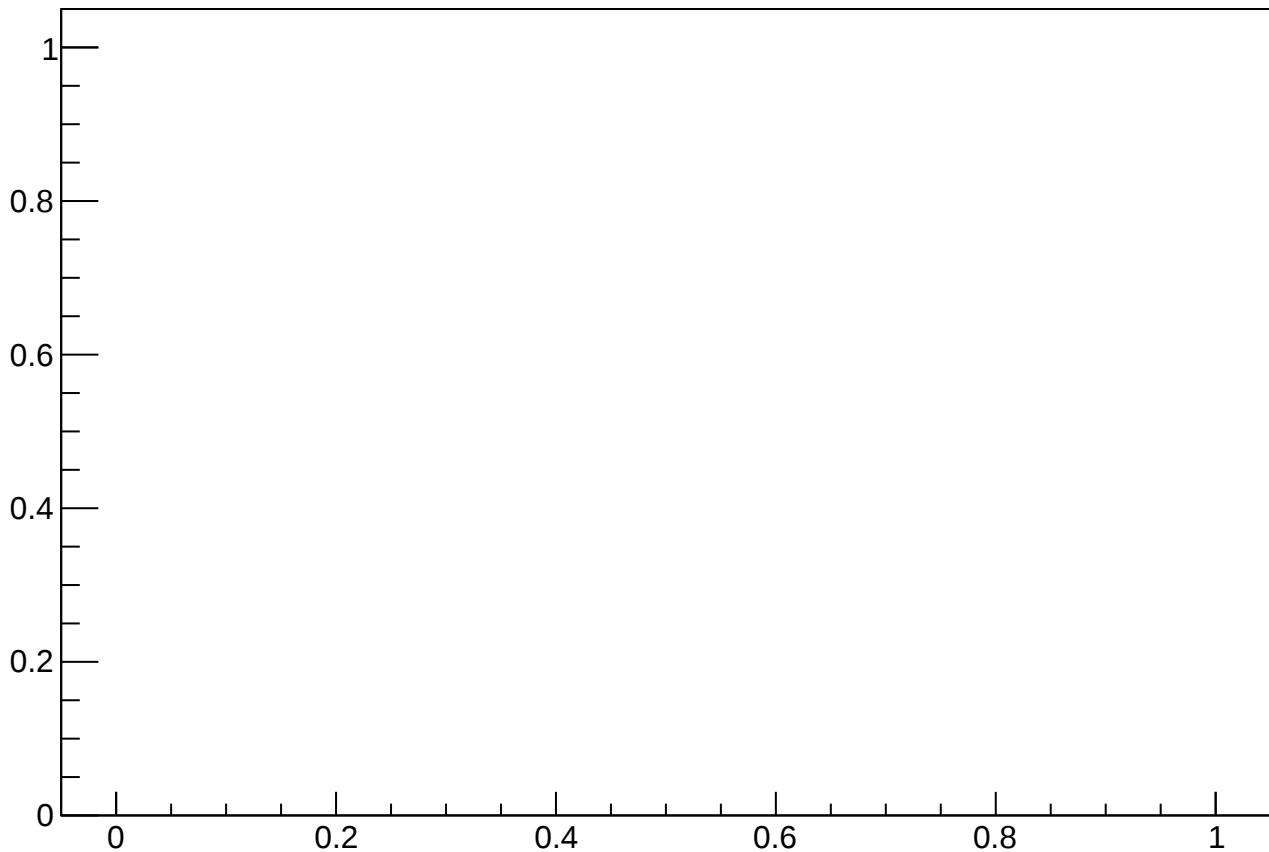
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

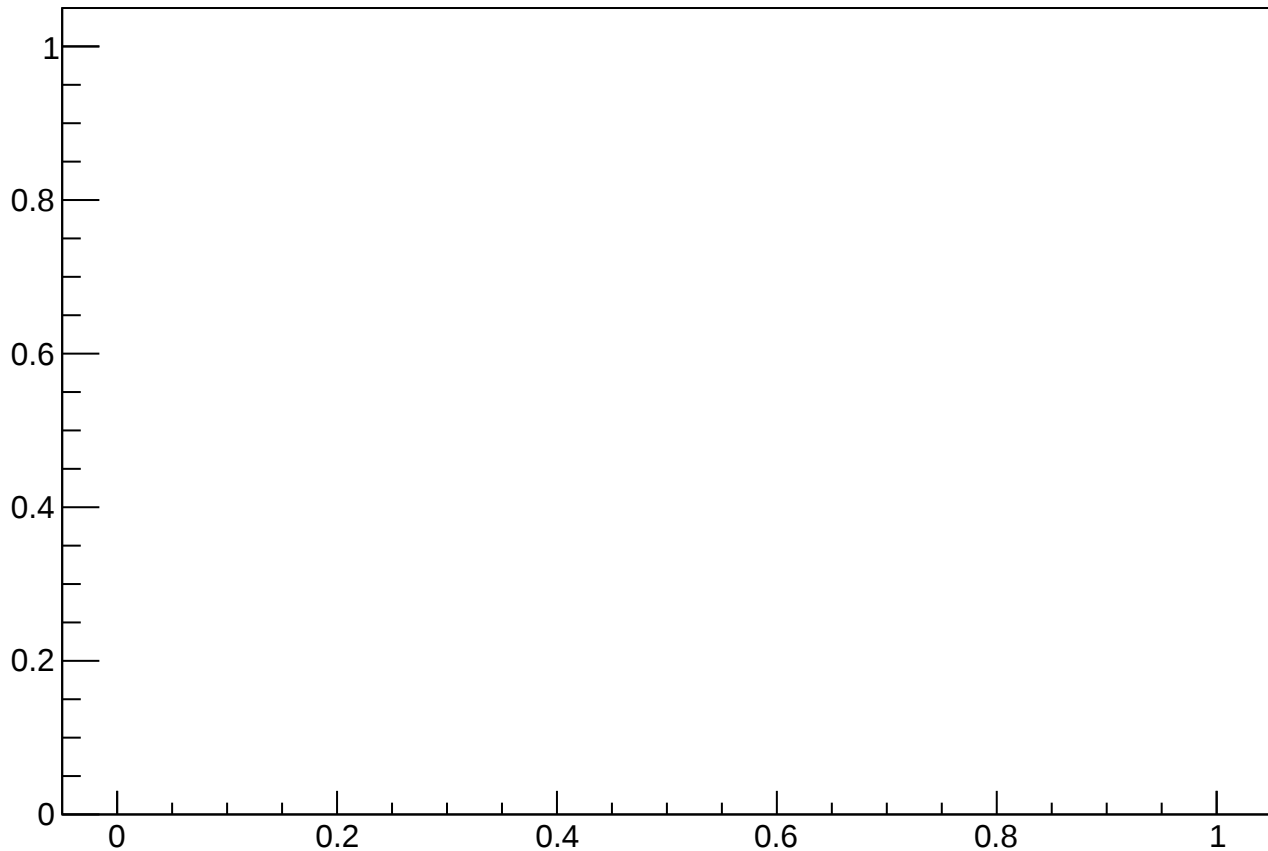
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

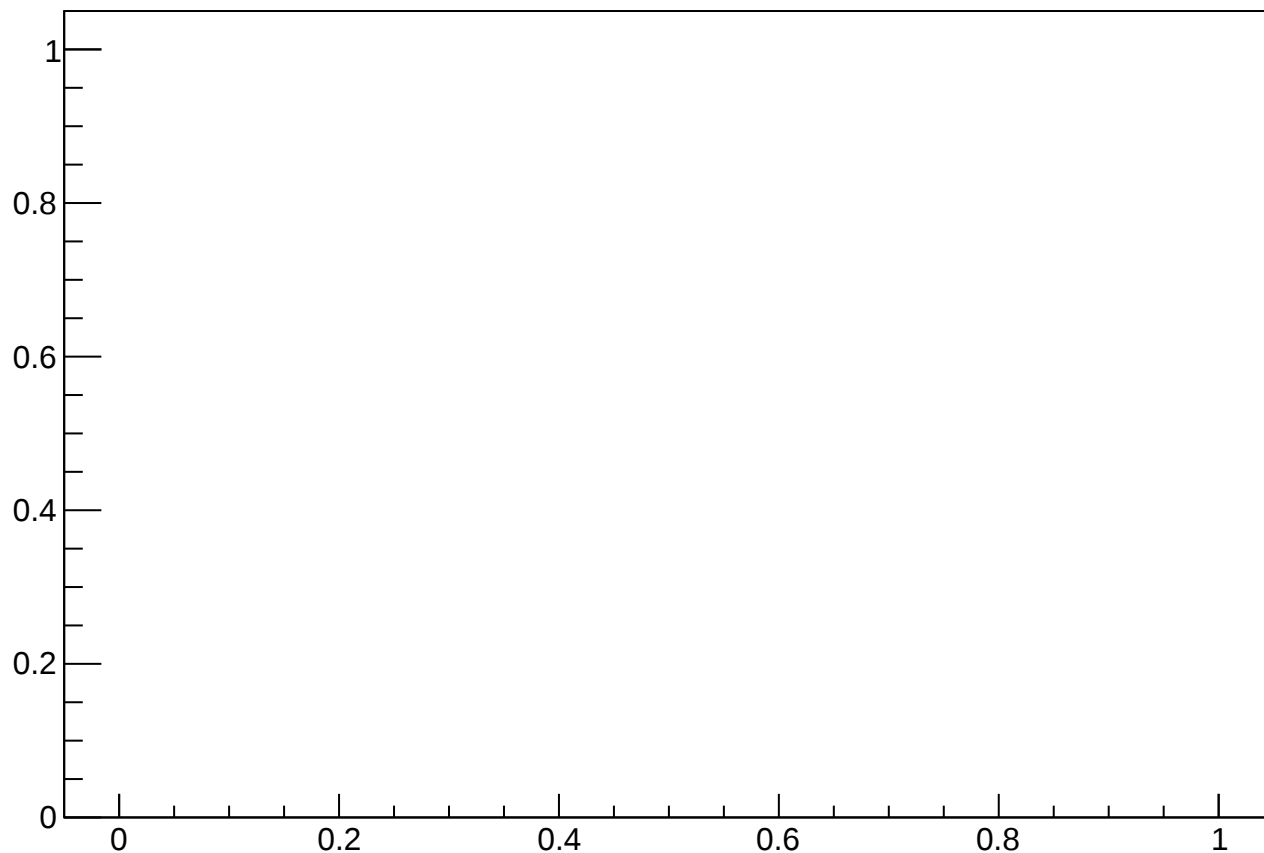
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

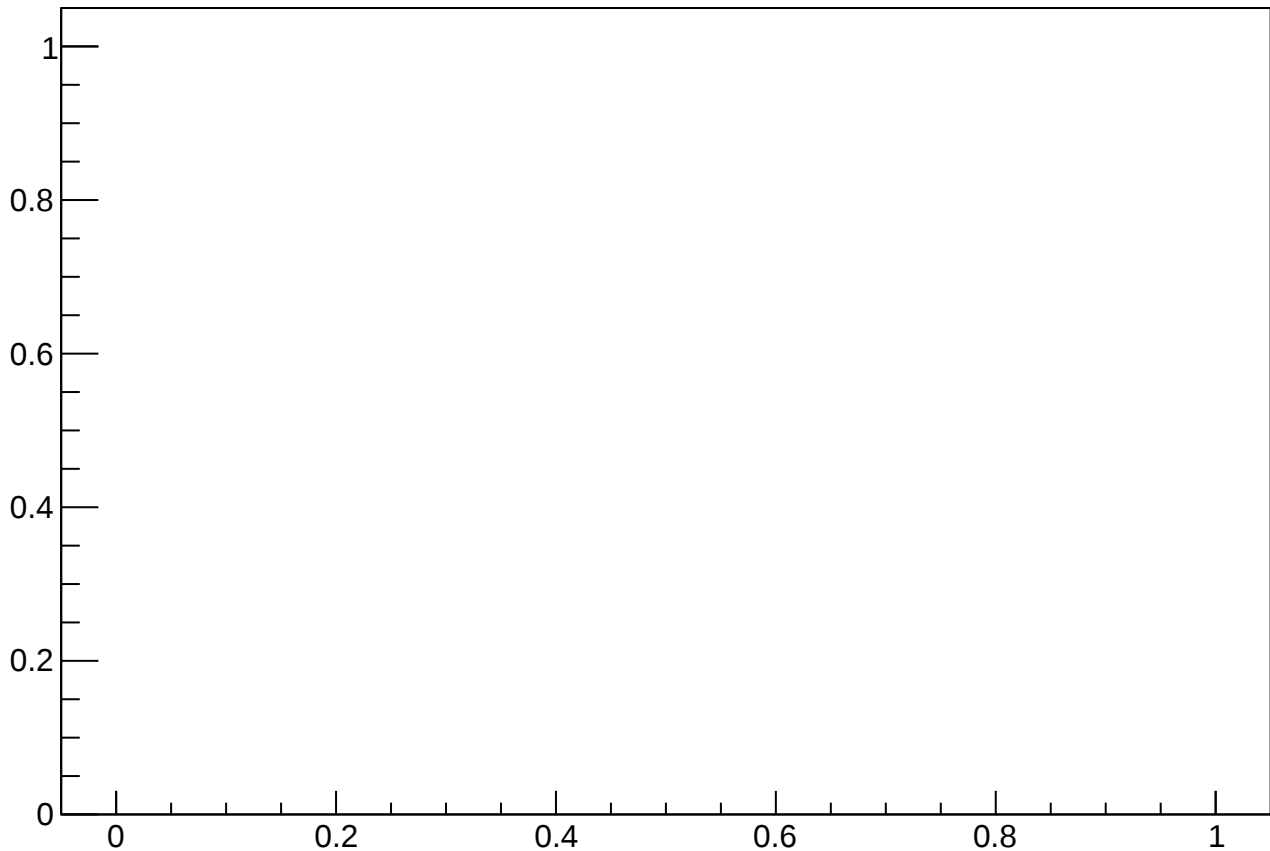
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

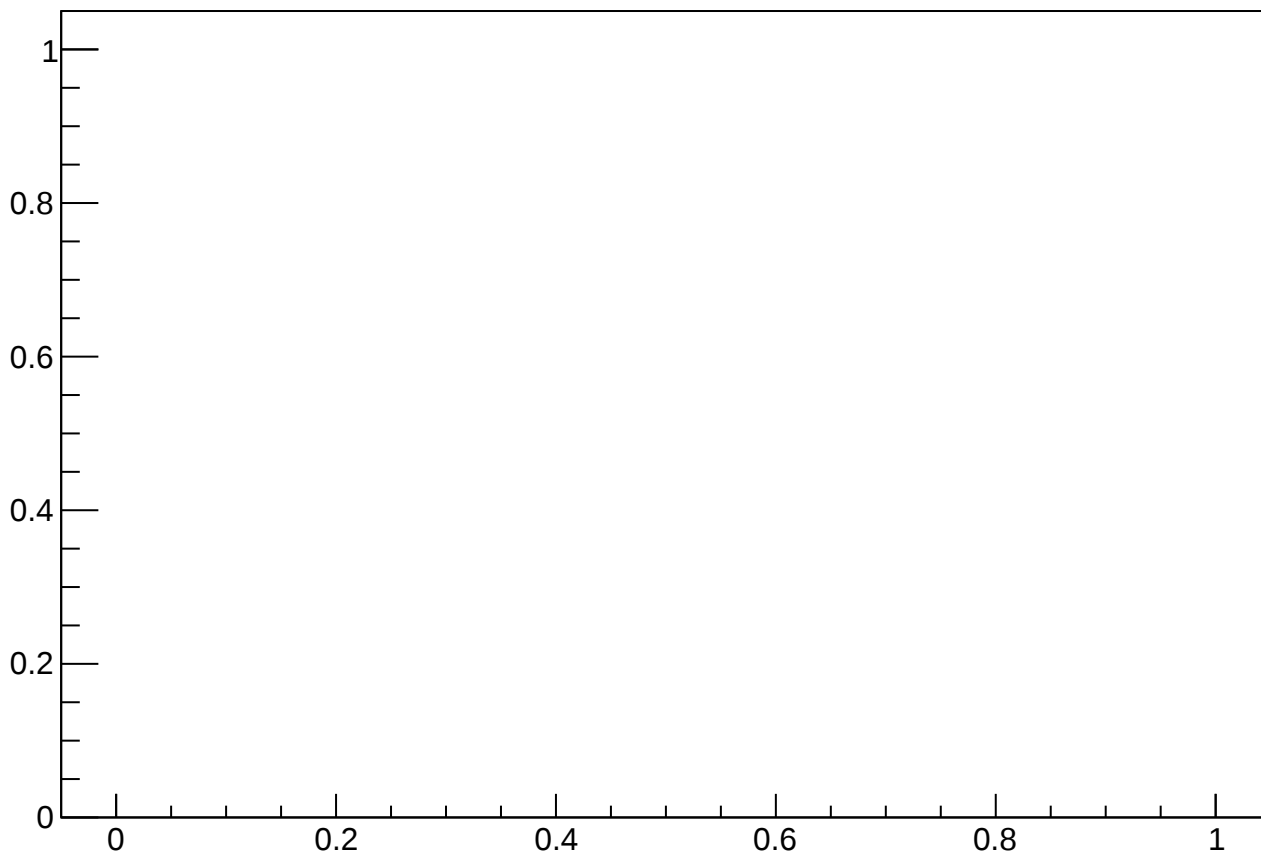
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

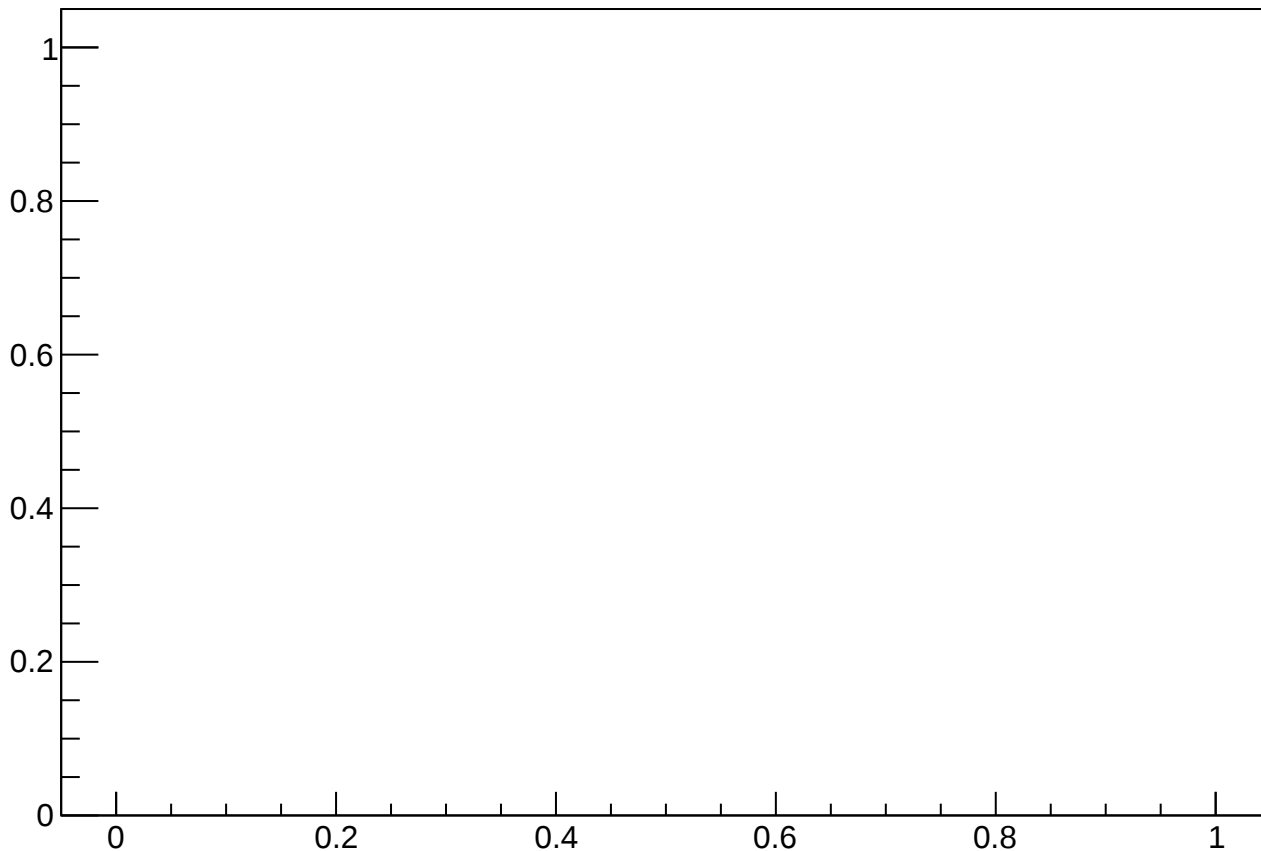
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

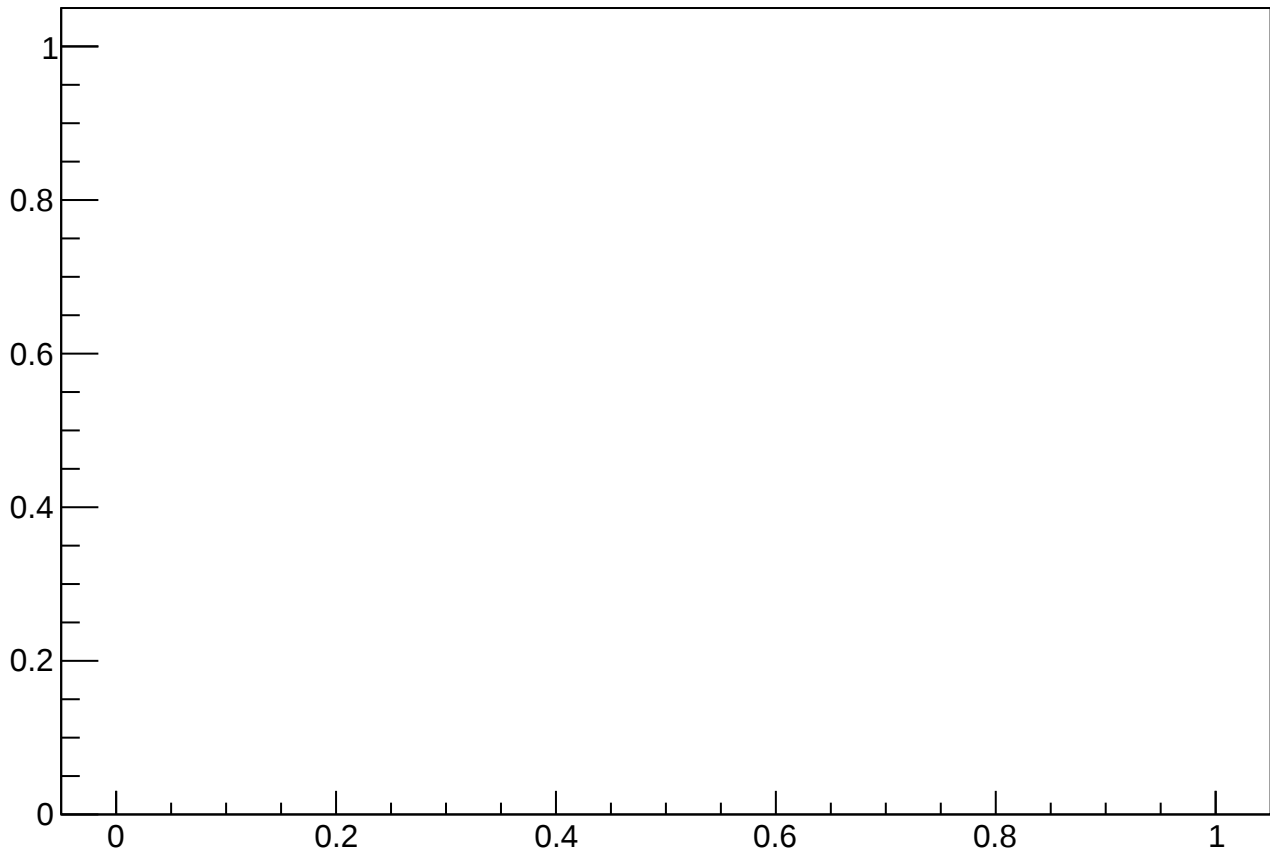
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

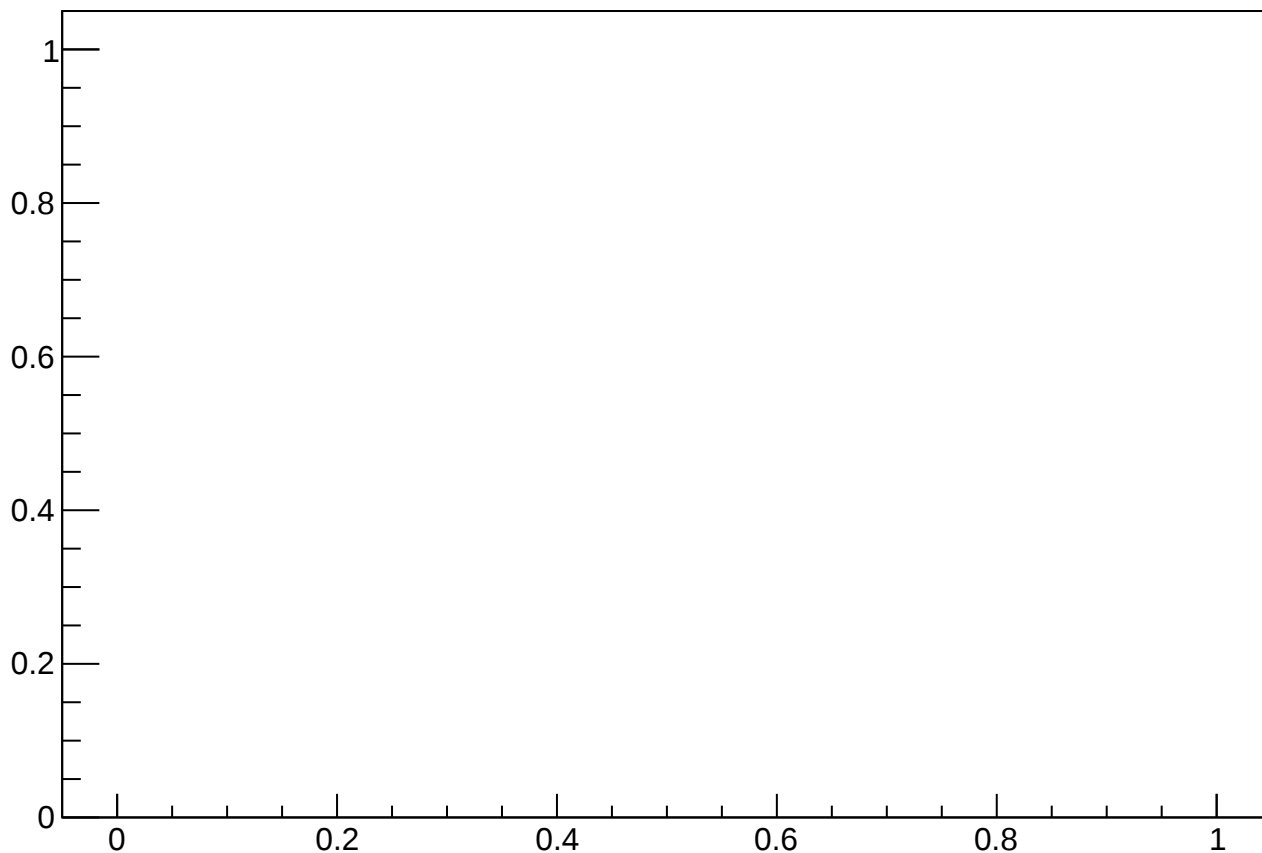
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

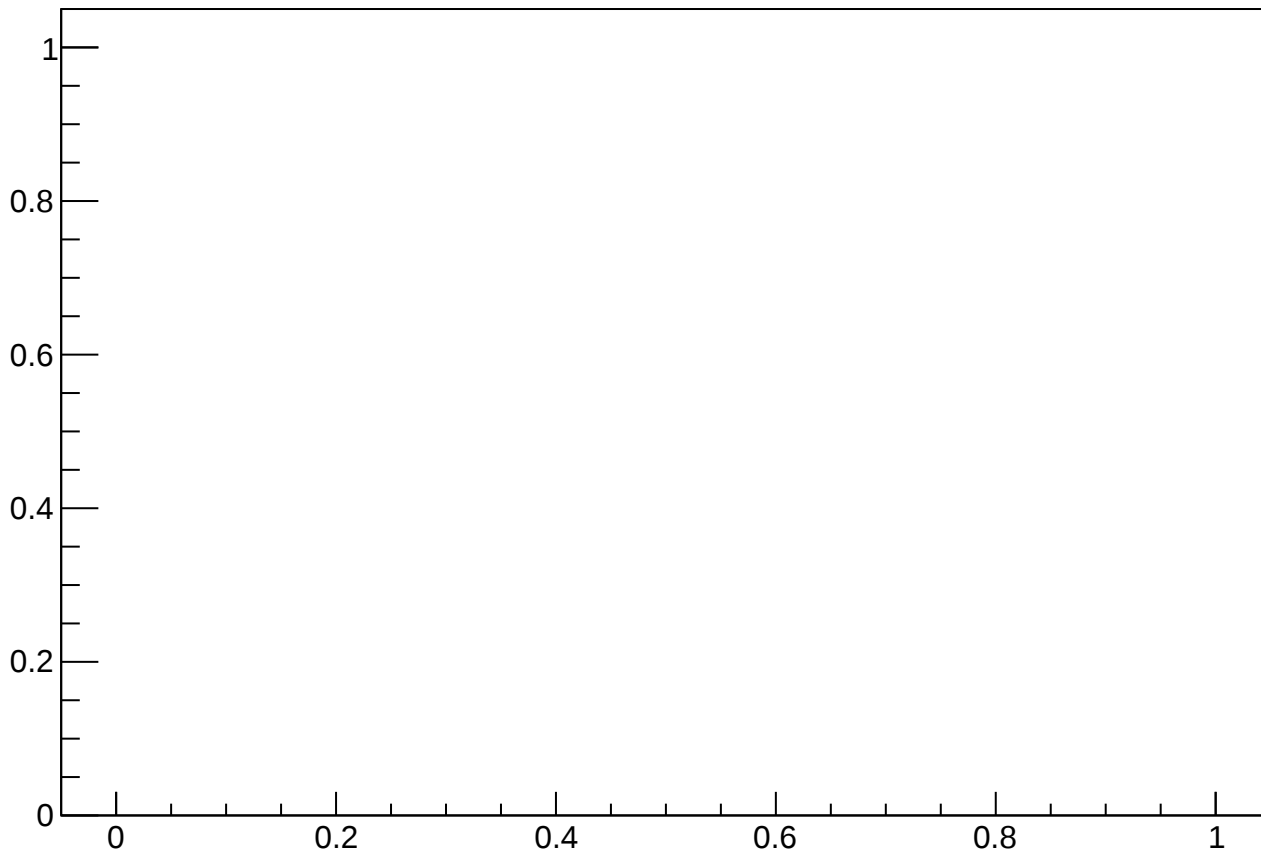
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

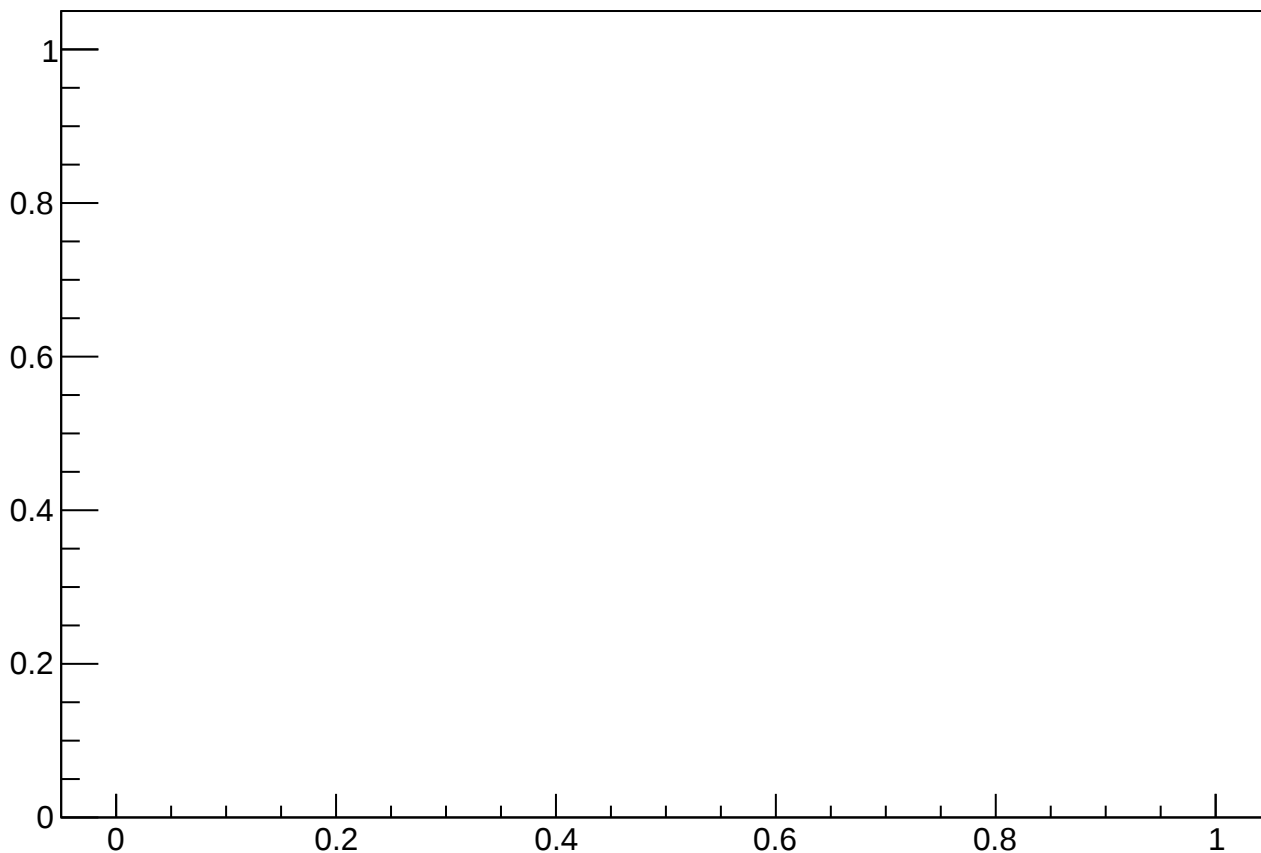
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

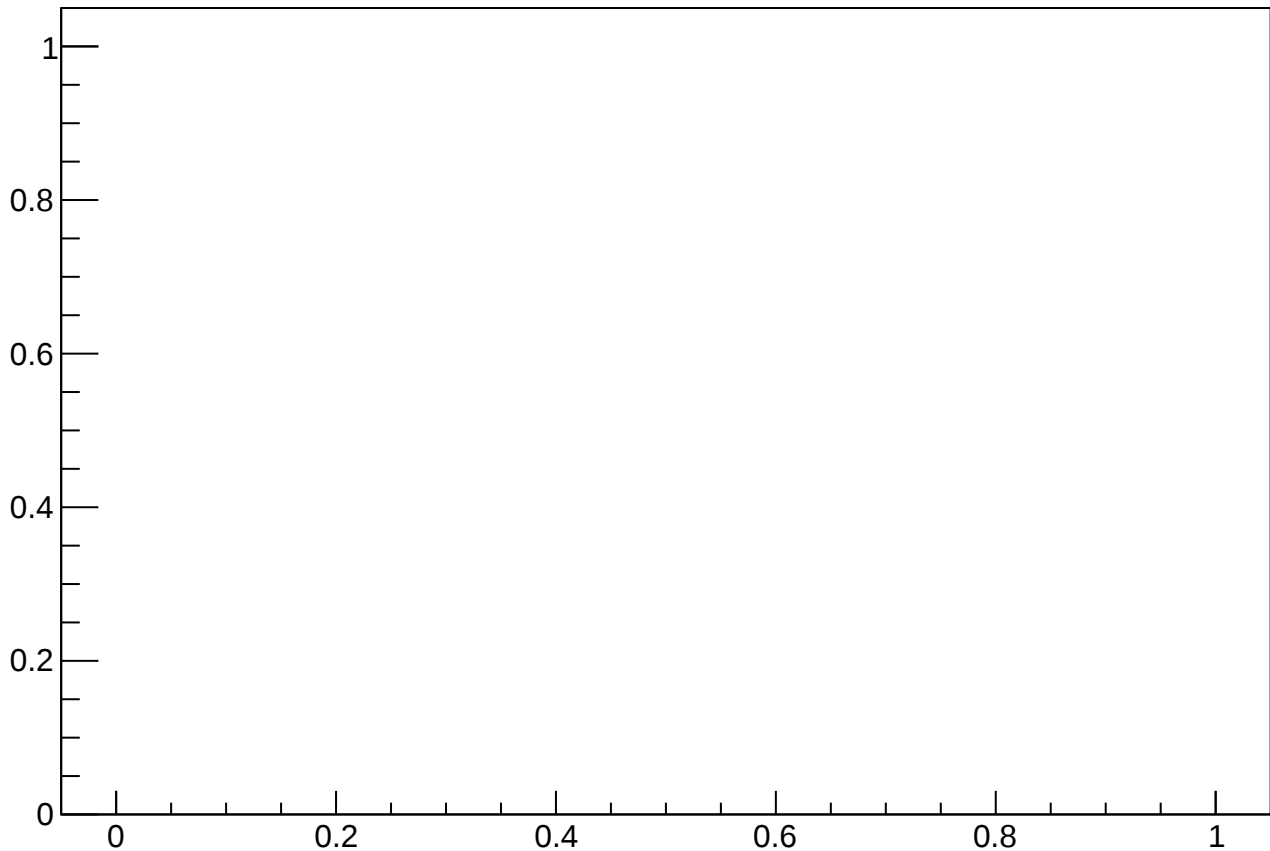
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

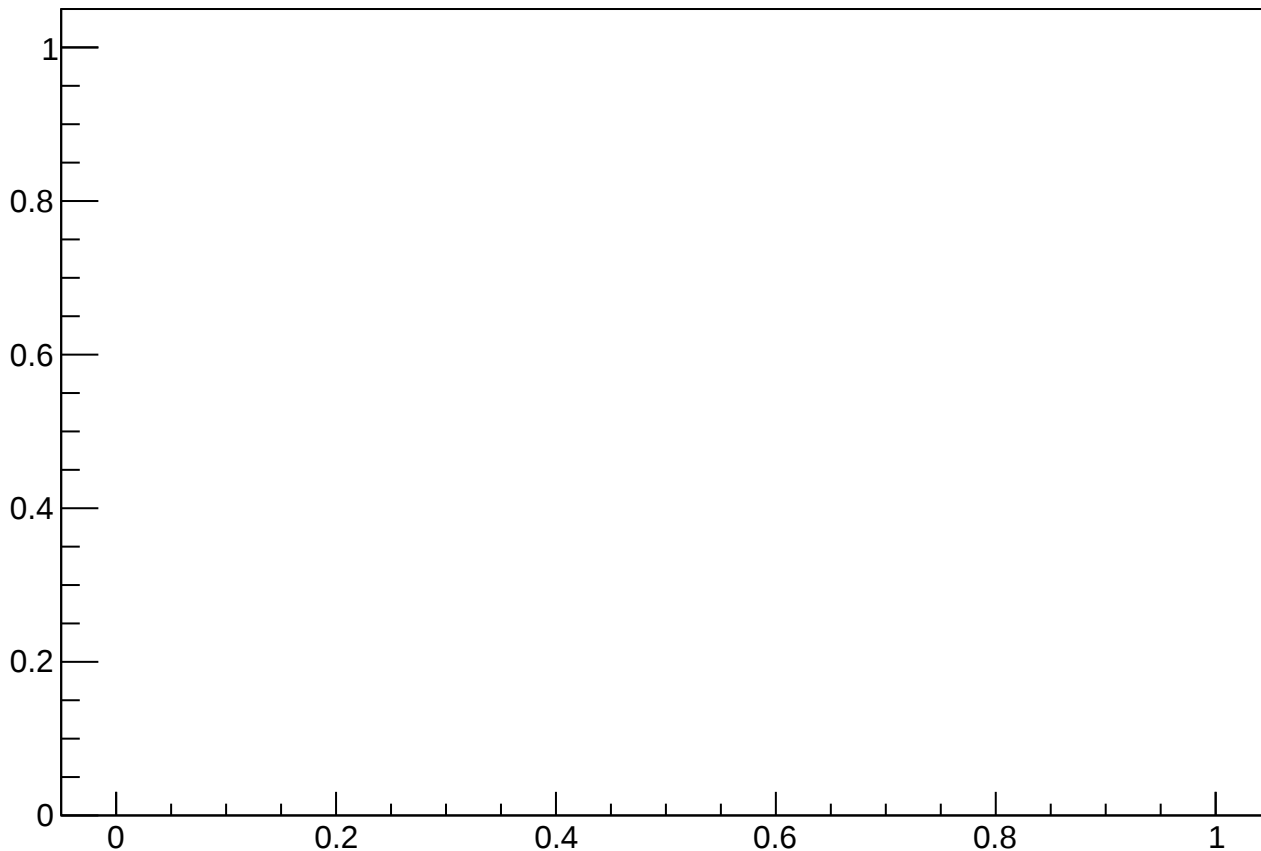
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

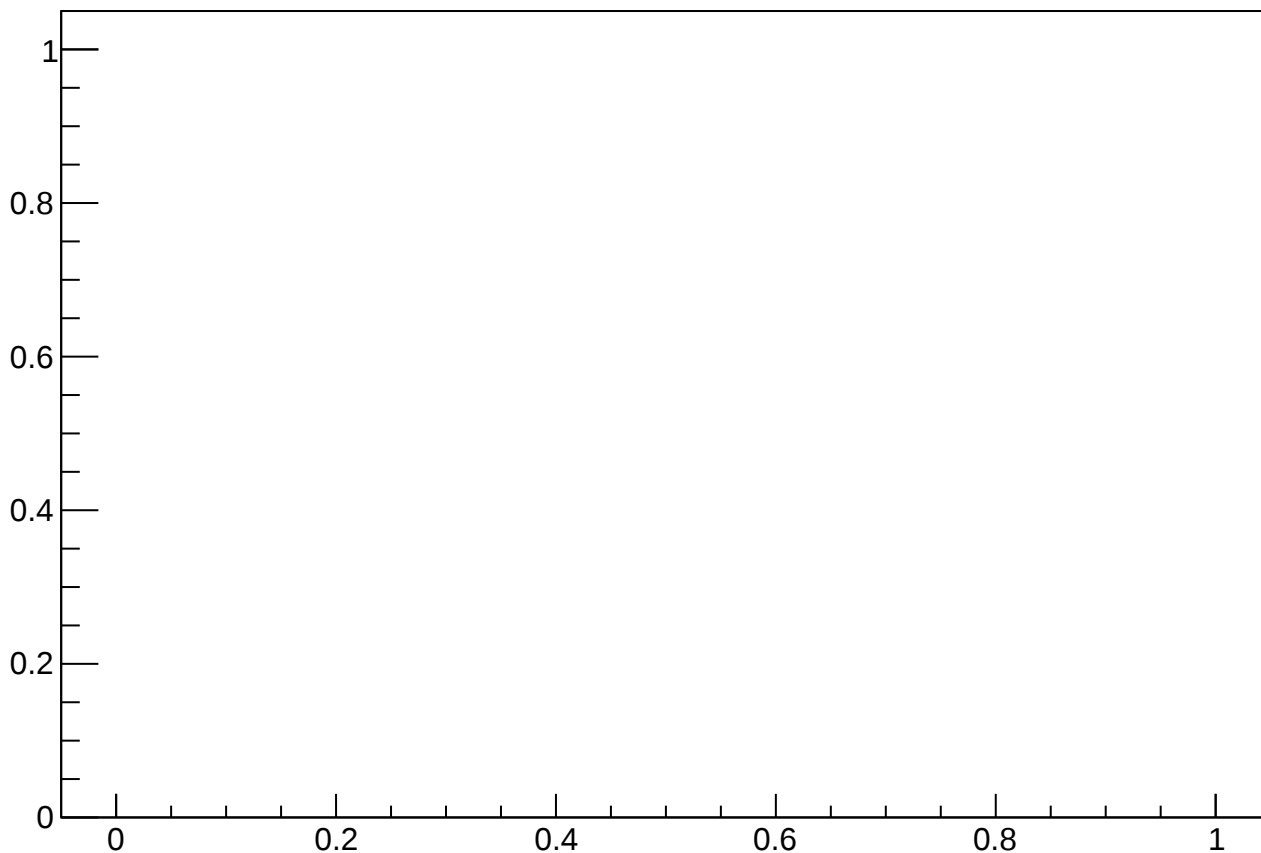
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

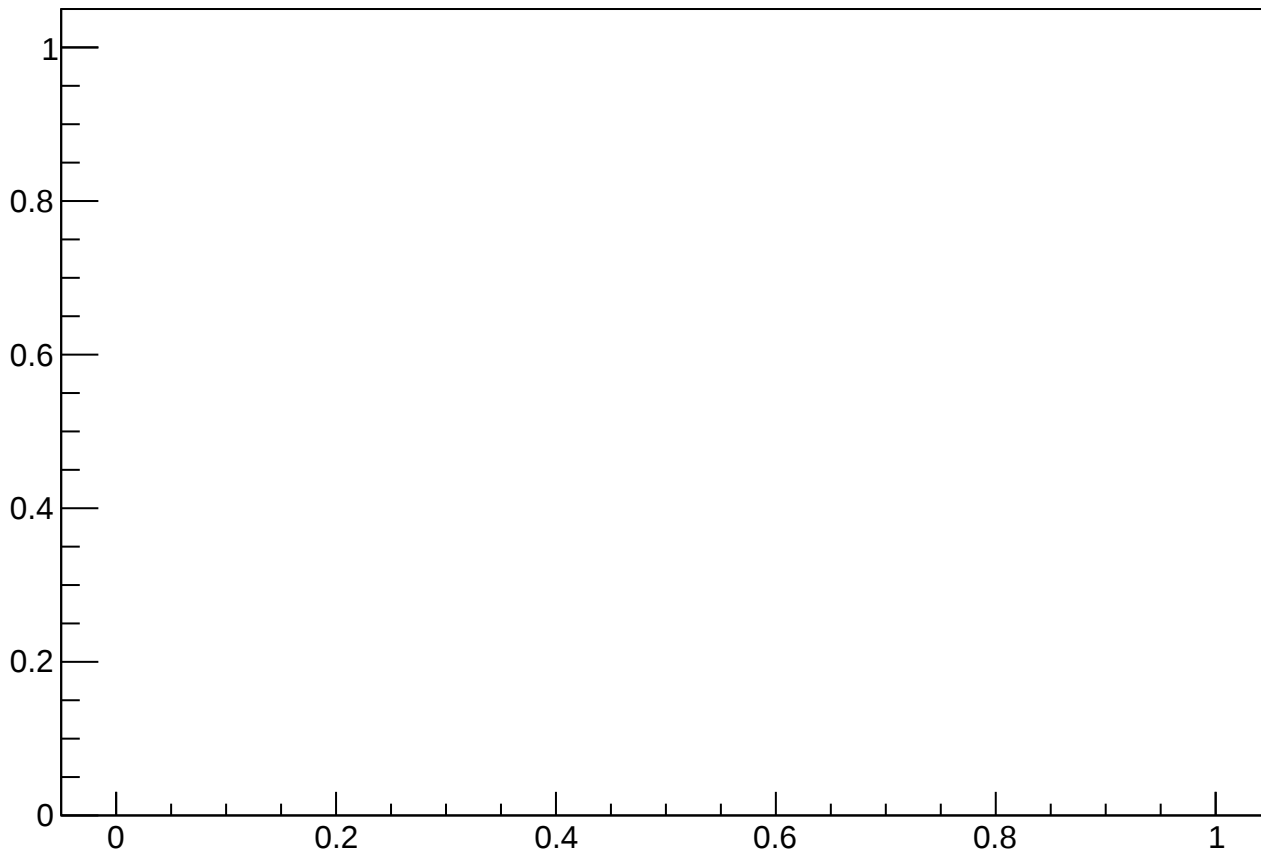
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

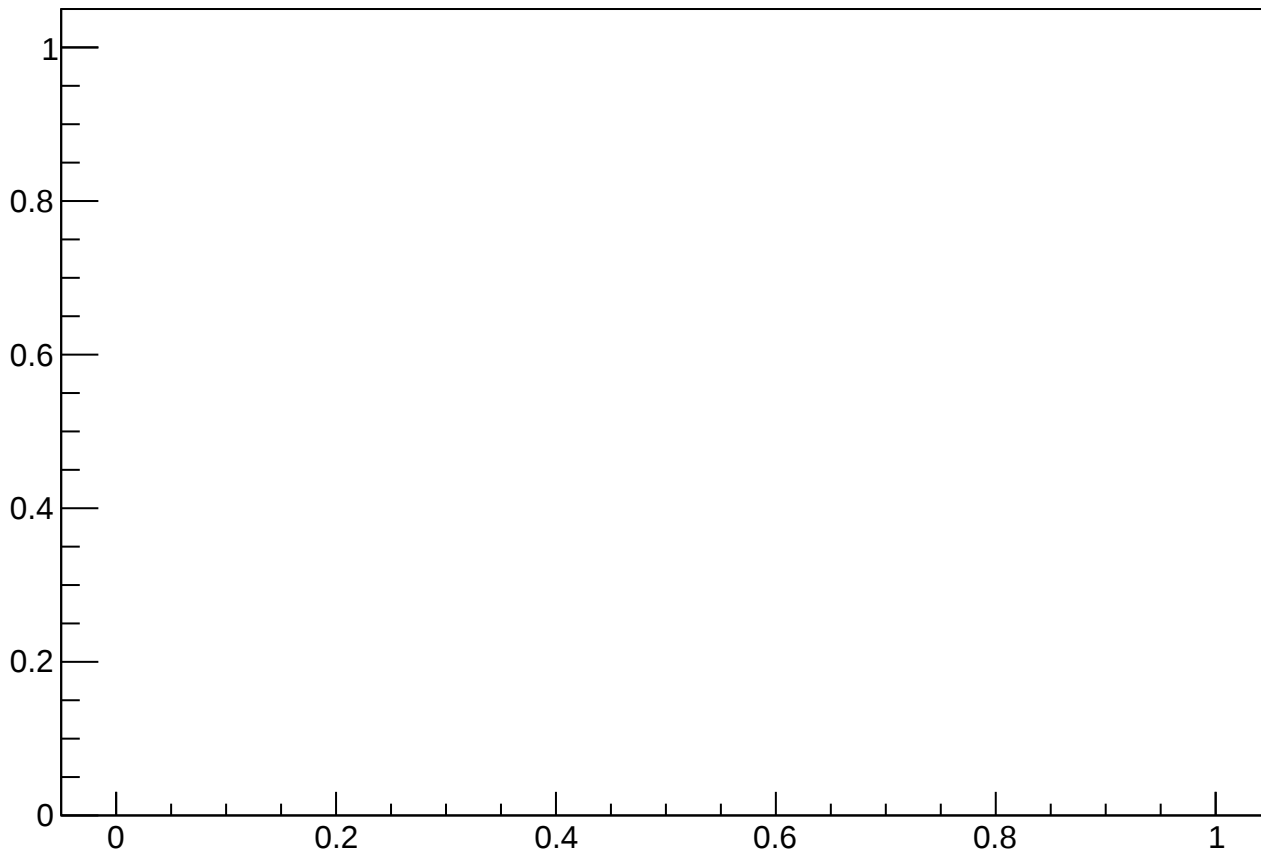
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

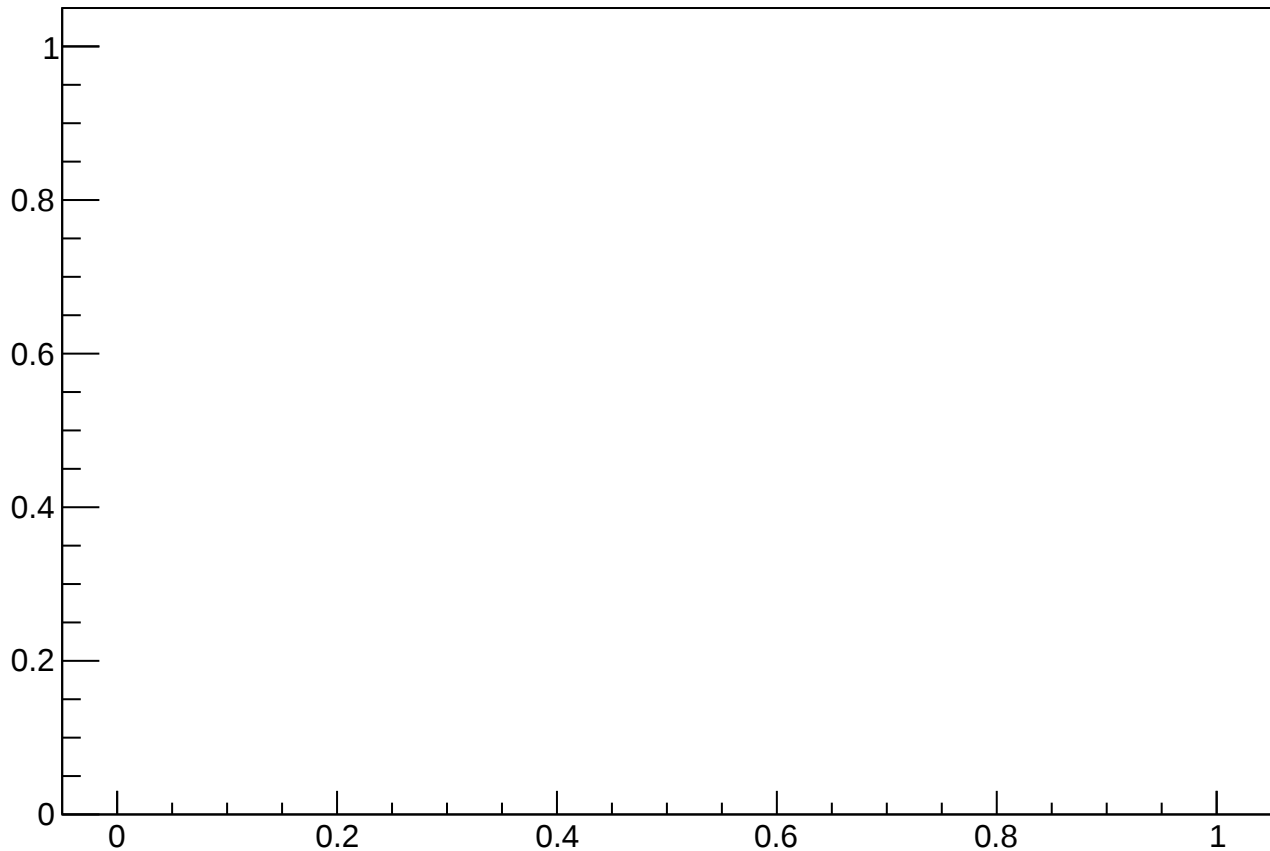
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

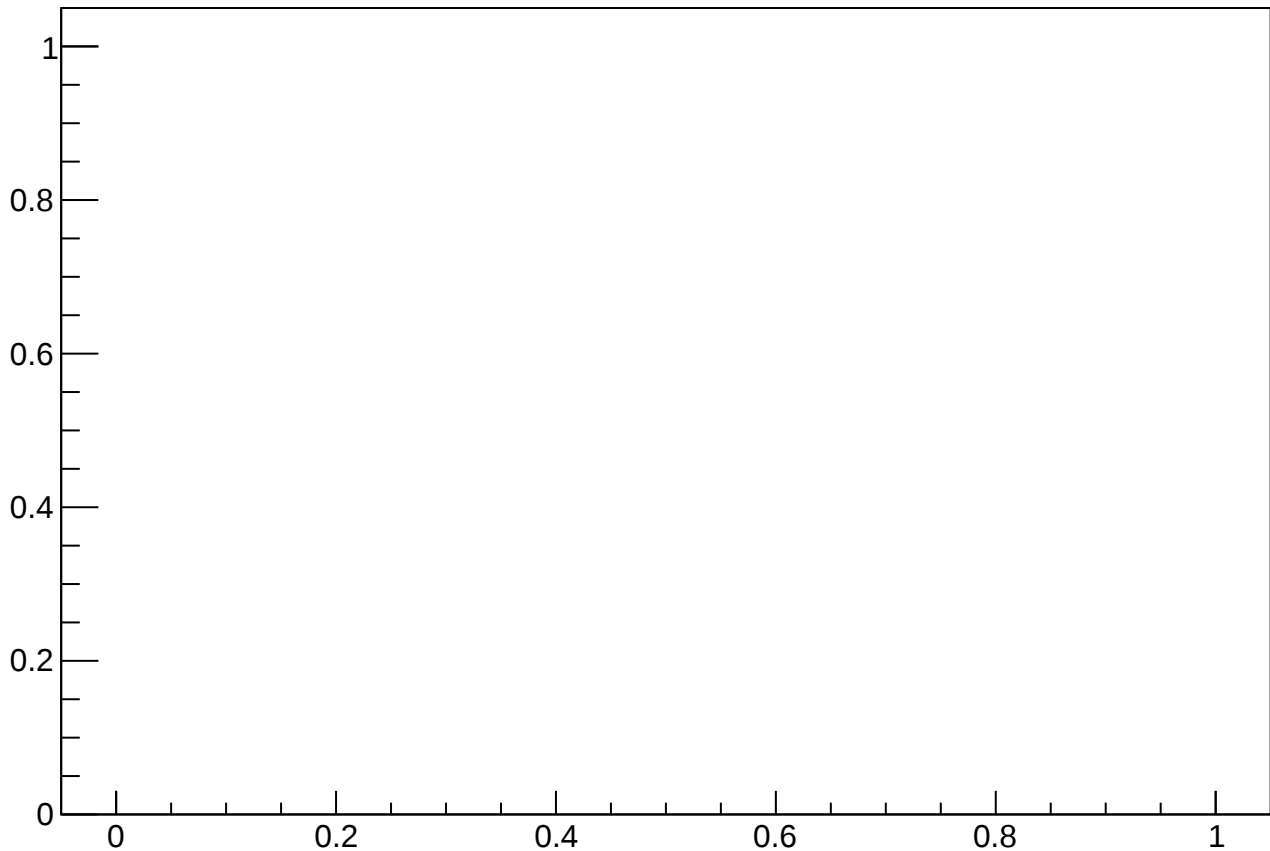
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

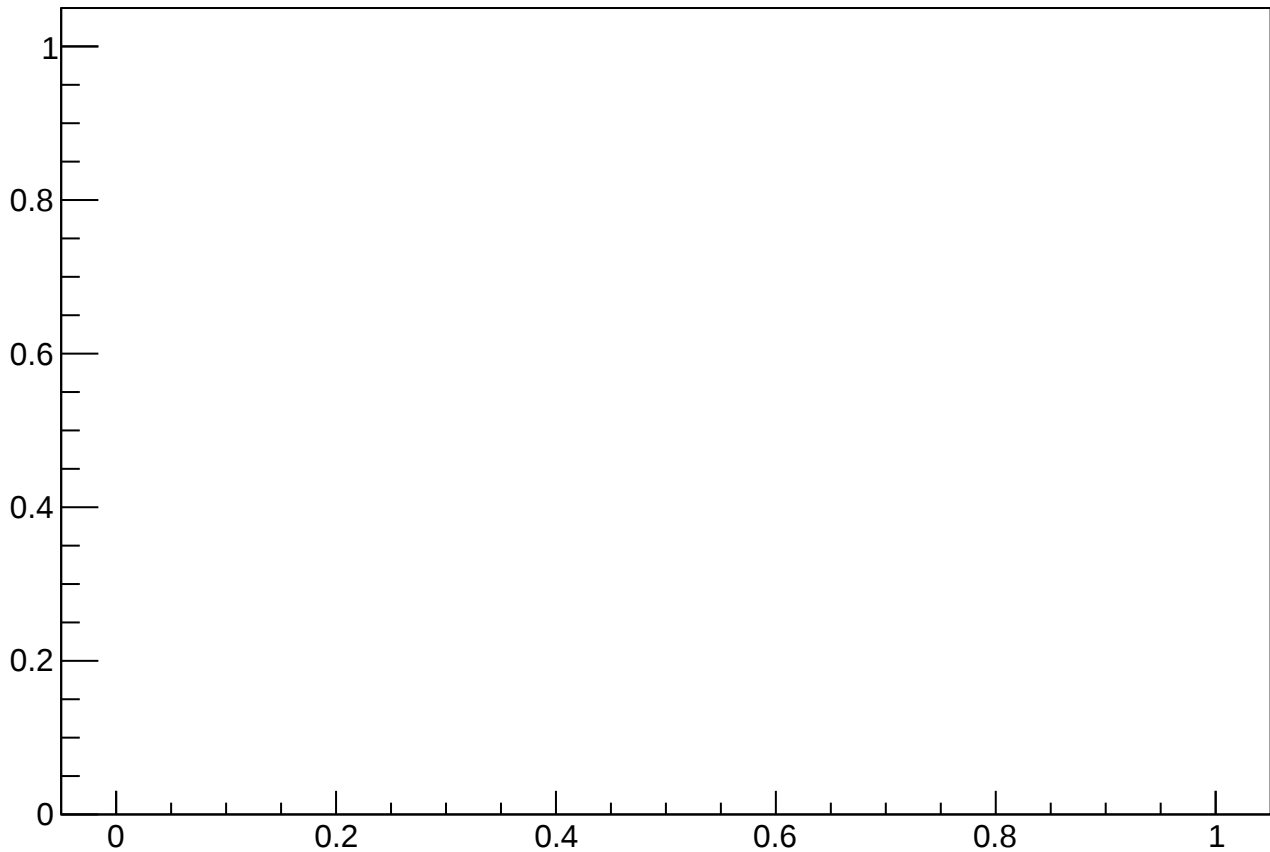
dit_flag_mean vs Slug, Sign Corrected



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

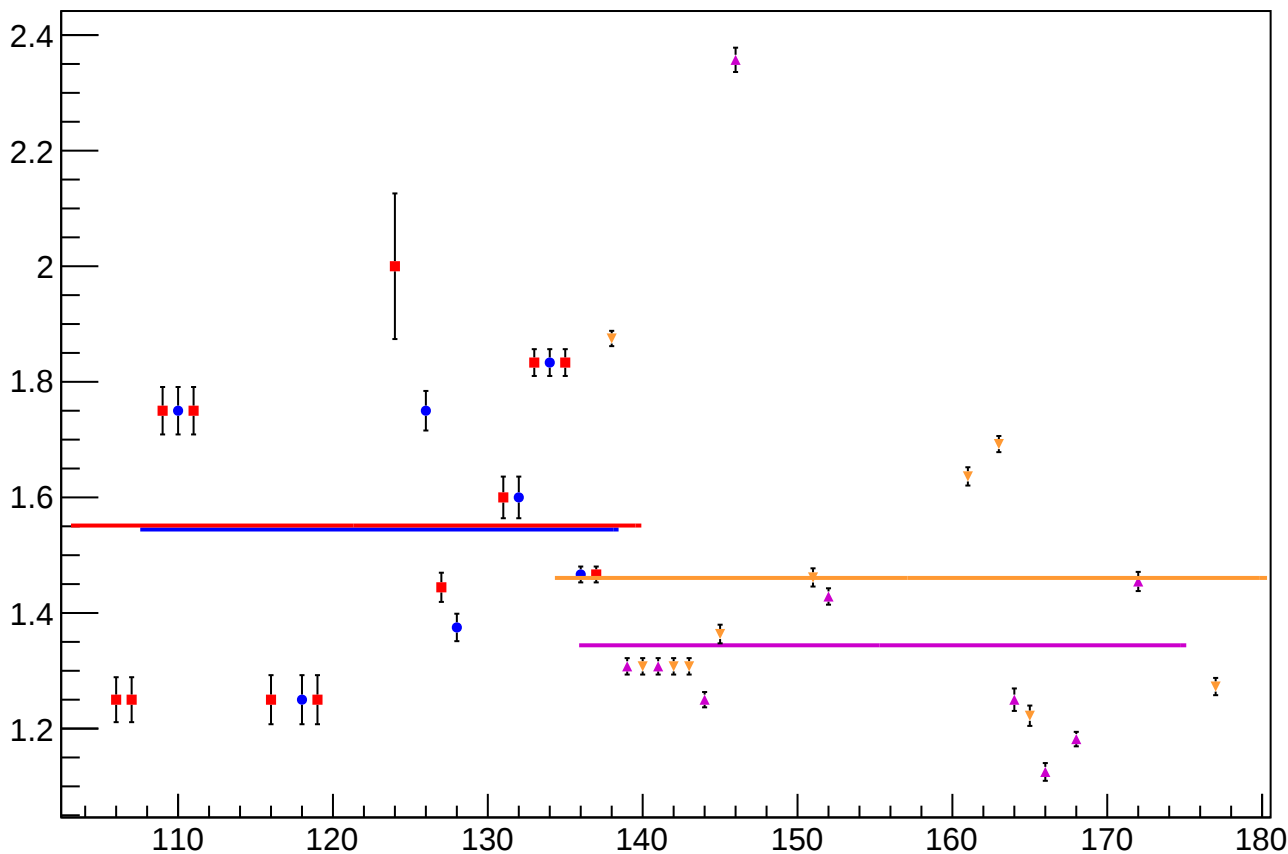
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.461 $\pm$ 0.005 χ^2/NDF : 2103.3/9

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2/NDF : 2852.1/8

Left: 1.406 $\pm$ 0.003 χ^2/NDF : 5242.7/18

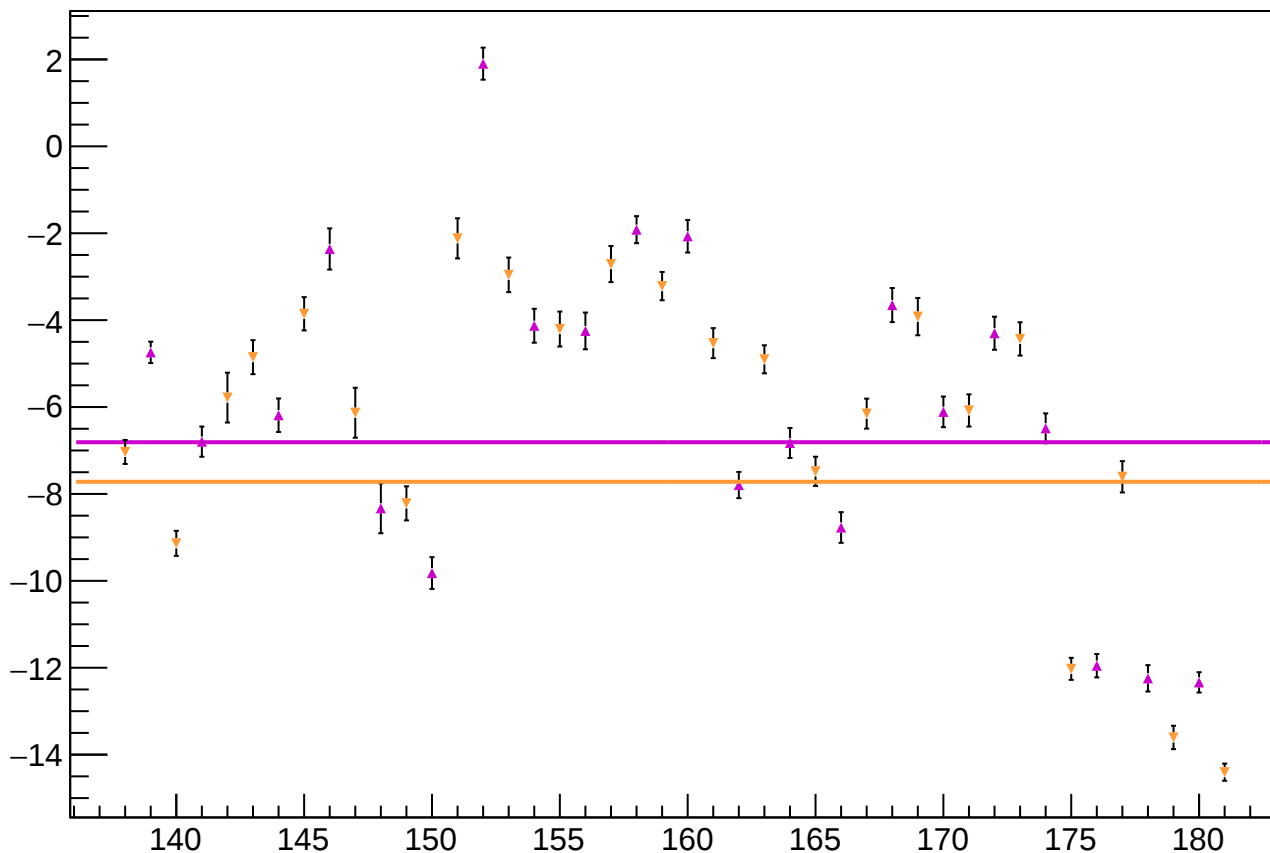
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF : 3564.8/15

Out: 1.483 $\pm$ 0.004 χ^2/NDF : 2829.6/21

All: 1.440 $\pm$ 0.003 χ^2/NDF : 6637.2/37

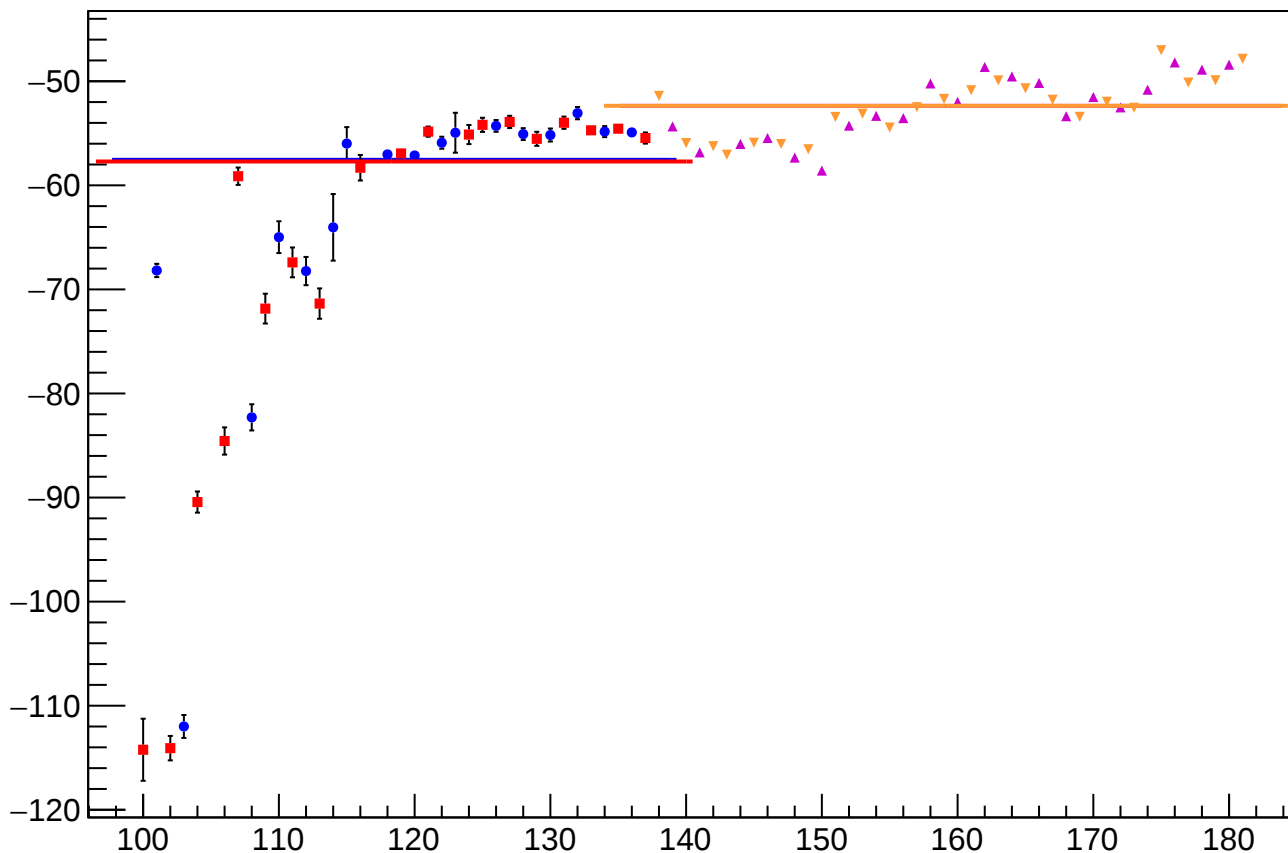
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.720+/-0.071 χ^2/NDF :3172.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.810+/-0.074 χ^2/NDF :2685.9/20

Left: -7.285+/-0.051 χ^2/NDF : 5937.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.810+/-0.074 χ^2/NDF :2685.9/20
 Out: -7.720+/-0.071 χ^2/NDF :3172.3/22
 All: -7.285+/-0.051 χ^2/NDF : 5937.7/43

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.361 ± 0.057 χ^2/NDF : 2520.2/22

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -52.366 ± 0.060 χ^2/NDF : 2859.2/20

Left: -52.363 ± 0.041 χ^2/NDF : 5379.3/43

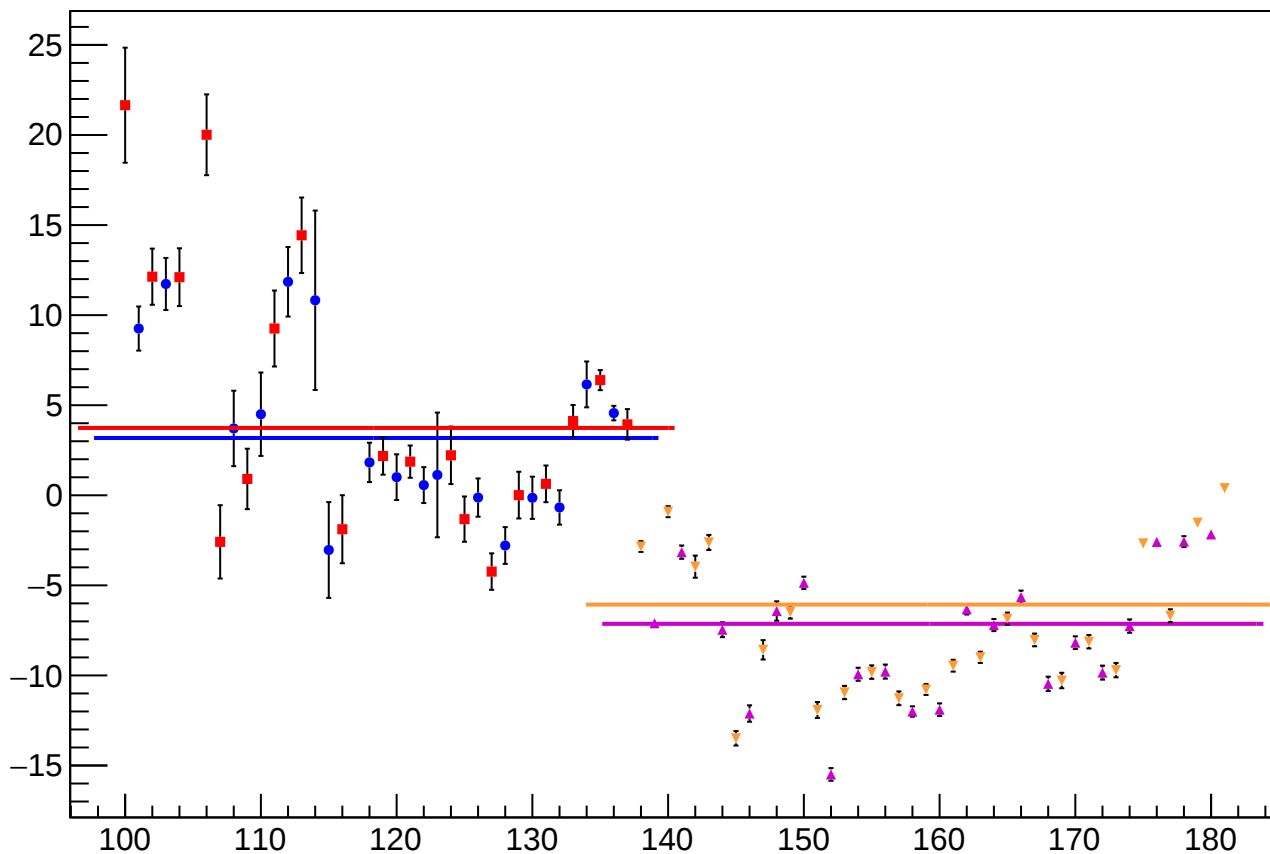
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -53.150 ± 0.055 χ^2/NDF : 7457.1/37

Out: -53.091 ± 0.053 χ^2/NDF : 8436.7/41

All: -53.119 ± 0.038 χ^2/NDF : 15894.4/79

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: -6.067 ± 0.071 $\chi^2/\text{NDF}: 3622.0/22$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -7.136 ± 0.073 $\chi^2/\text{NDF}: 2554.1/20$

Left: -6.582 ± 0.051 $\chi^2/\text{NDF}: 6286.9/43$

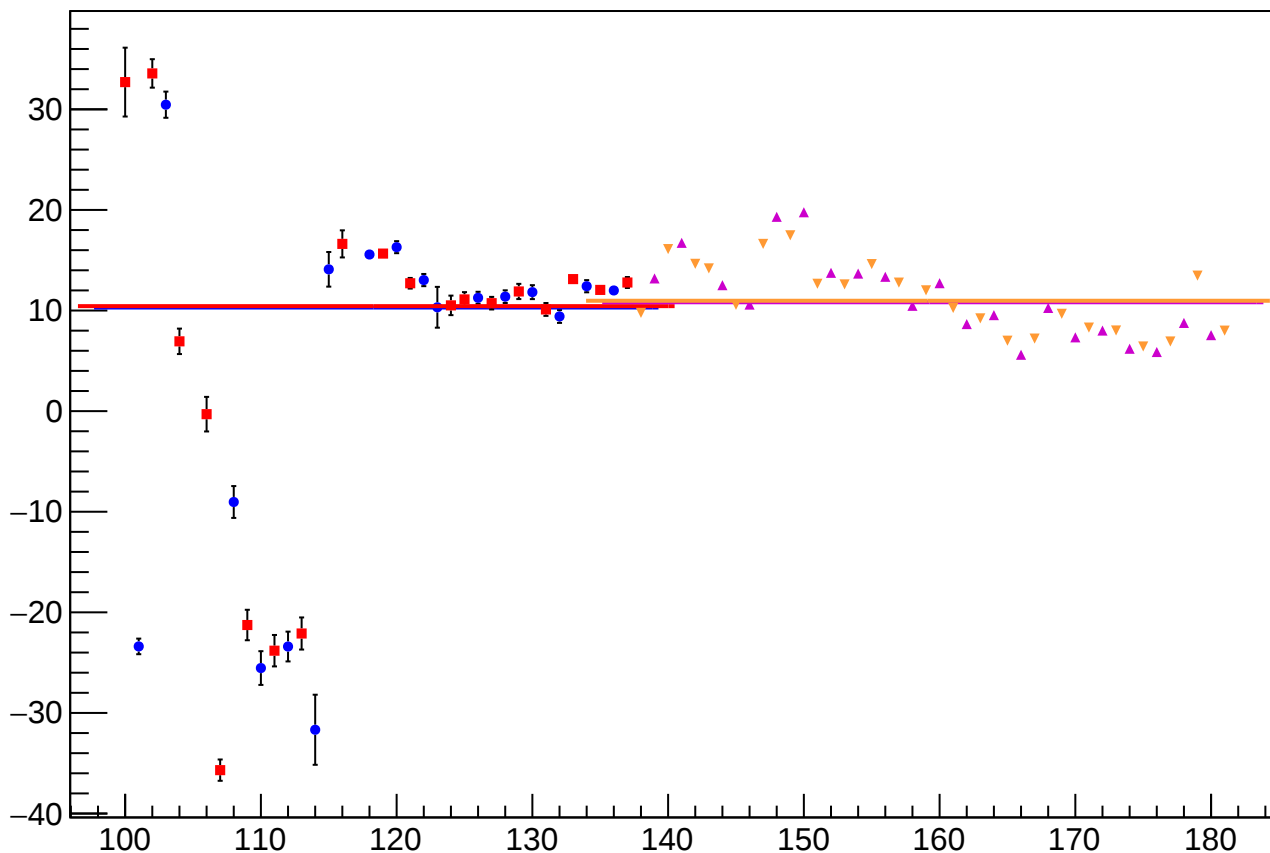
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -6.369 ± 0.070 $\chi^2/\text{NDF}: 4219.7/37$

Out: -5.428 ± 0.068 $\chi^2/\text{NDF}: 5204.2/41$

All: -5.883 ± 0.049 $\chi^2/\text{NDF}: 9516.2/79$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 10.973 $\pm$ 0.063 χ^2 /NDF:2624.9/22

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 10.822 $\pm$ 0.066 χ^2 /NDF:3460.9/20

Left: 10.900 $\pm$ 0.046 χ^2 /NDF: 6088.5/43

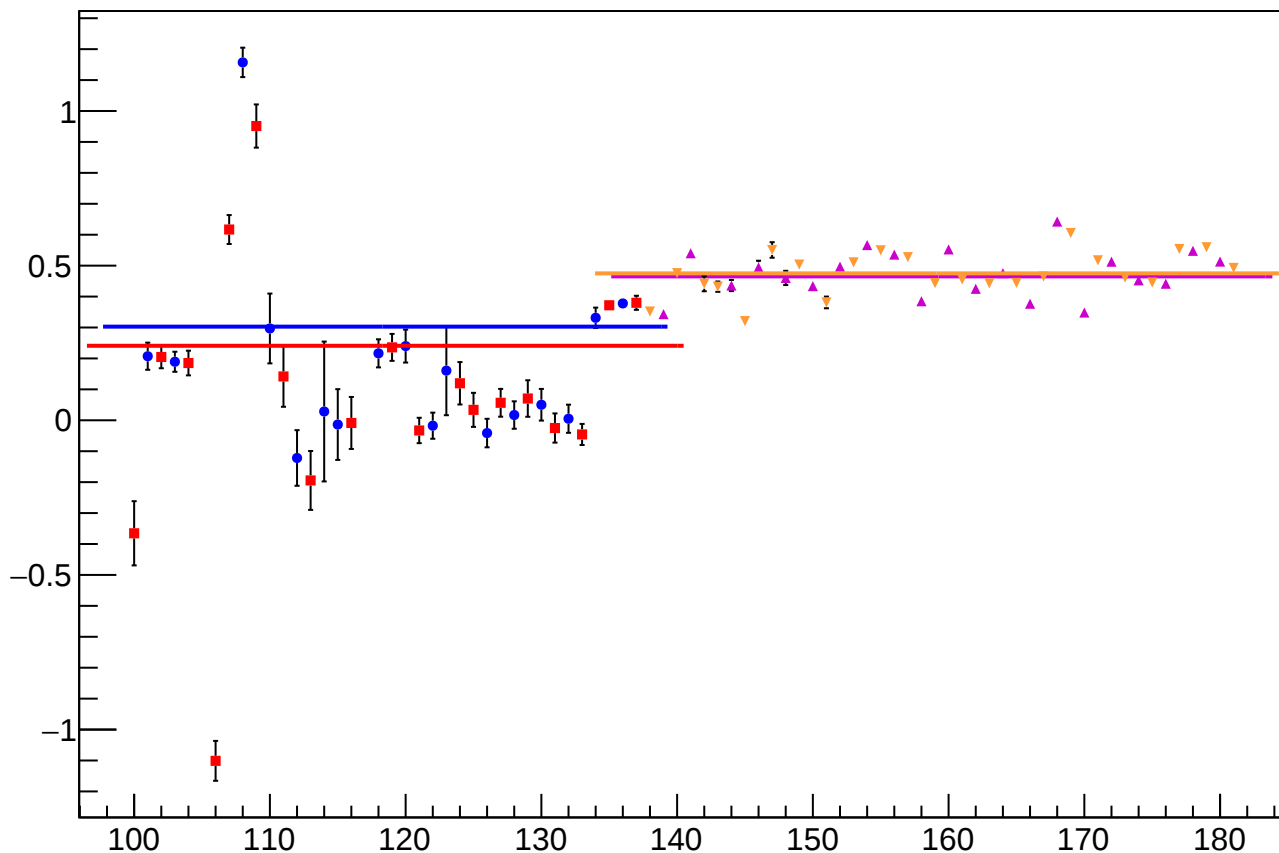
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 10.743 $\pm$ 0.061 χ^2 /NDF:7169.6/37

Out: 10.899 $\pm$ 0.059 χ^2 /NDF:6463.4/41

All: 10.824 $\pm$ 0.042 χ^2 /NDF: 13636.5/79

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.475 ± 0.003 χ^2/NDF : 503.0/22

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.465 ± 0.003 χ^2/NDF : 743.1/20

Left: 0.470 ± 0.002 χ^2/NDF : 1251.9/43

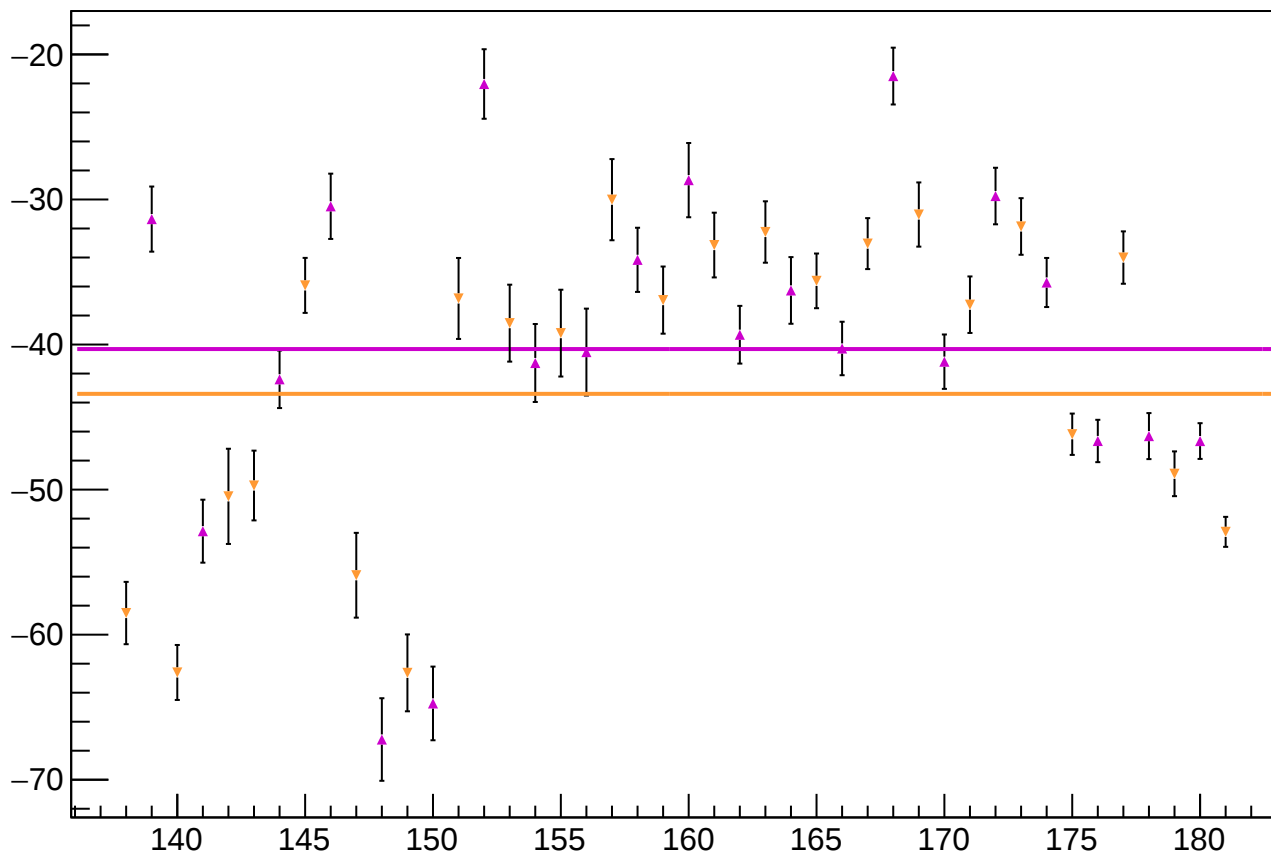
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.447 ± 0.003 χ^2/NDF : 1739.0/37

Out: 0.451 ± 0.003 χ^2/NDF : 2174.5/41

All: 0.449 ± 0.002 χ^2/NDF : 3914.6/79

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -43.399 ± 0.411 χ^2/NDF : 596.9/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -40.311 ± 0.433 χ^2/NDF : 530.5/20

Left: -41.933 ± 0.298 χ^2/NDF : 1154.2/43

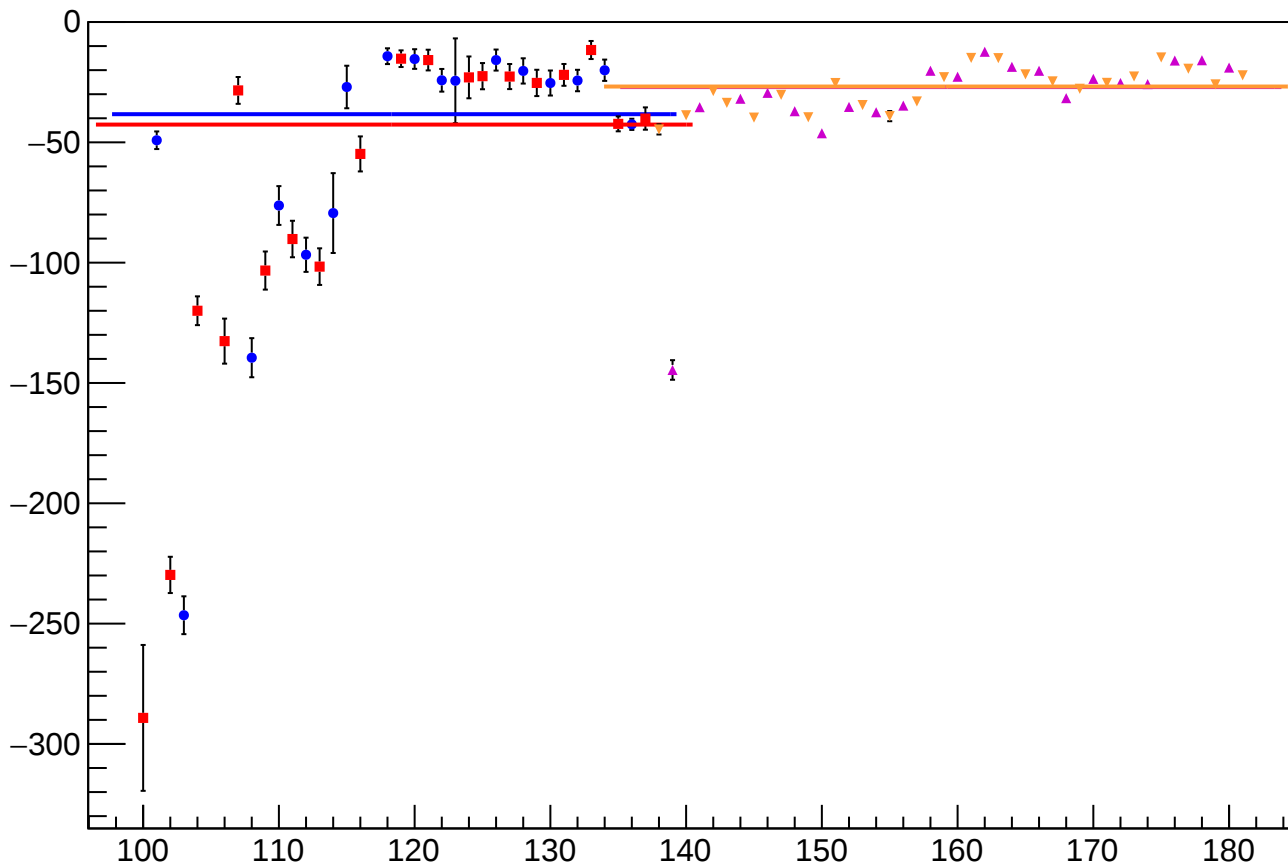
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -40.311 ± 0.433 χ^2/NDF : 530.5/20

Out: -43.399 ± 0.411 χ^2/NDF : 596.9/22

All: -41.933 ± 0.298 χ^2/NDF : 1154.2/43

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: -26.810 ± 0.329 $\chi^2/\text{NDF}: 603.6/22$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -27.036 ± 0.343 $\chi^2/\text{NDF}: 1459.0/20$

Left: -26.918 ± 0.237 $\chi^2/\text{NDF}: 2062.8/43$

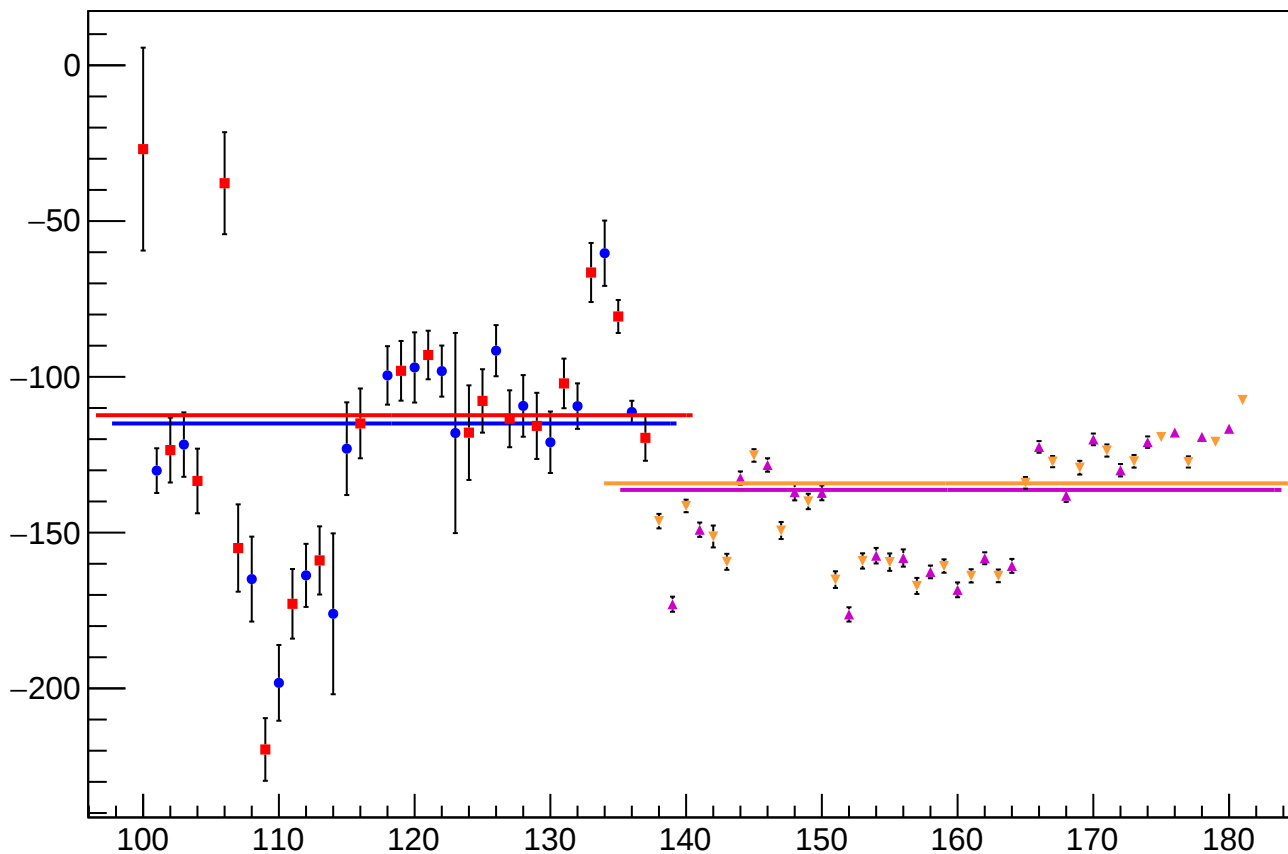
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -27.972 ± 0.328 $\chi^2/\text{NDF}: 2681.7/37$

Out: -27.898 ± 0.317 $\chi^2/\text{NDF}: 2107.4/41$

All: -27.934 ± 0.228 $\chi^2/\text{NDF}: 4789.1/79$

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: -134.178 ± 0.413 $\chi^2/\text{NDF}: 2138.5/22$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -136.291 ± 0.430 $\chi^2/\text{NDF}: 2056.6/20$

Left: -135.191 ± 0.298 $\chi^2/\text{NDF}: 4207.7/43$

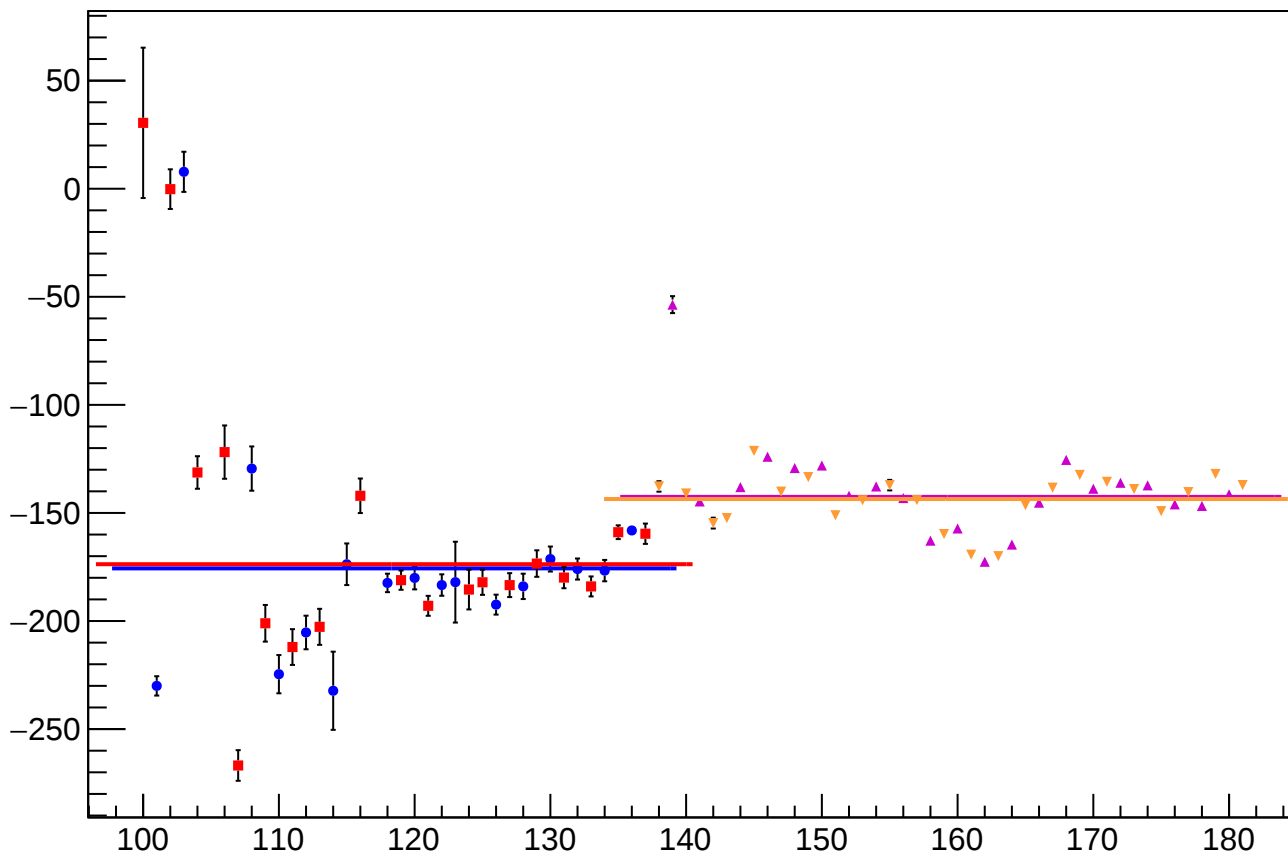
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -135.412 ± 0.421 $\chi^2/\text{NDF}: 2299.3/37$

Out: -133.438 ± 0.406 $\chi^2/\text{NDF}: 2507.5/41$

All: -134.388 ± 0.292 $\chi^2/\text{NDF}: 4818.1/79$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.558 ± 0.369 χ^2/NDF : 1018.4/22

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.575 ± 0.384 χ^2/NDF : 1540.3/20

Left: -143.085 ± 0.266 χ^2/NDF : 2562.1/43

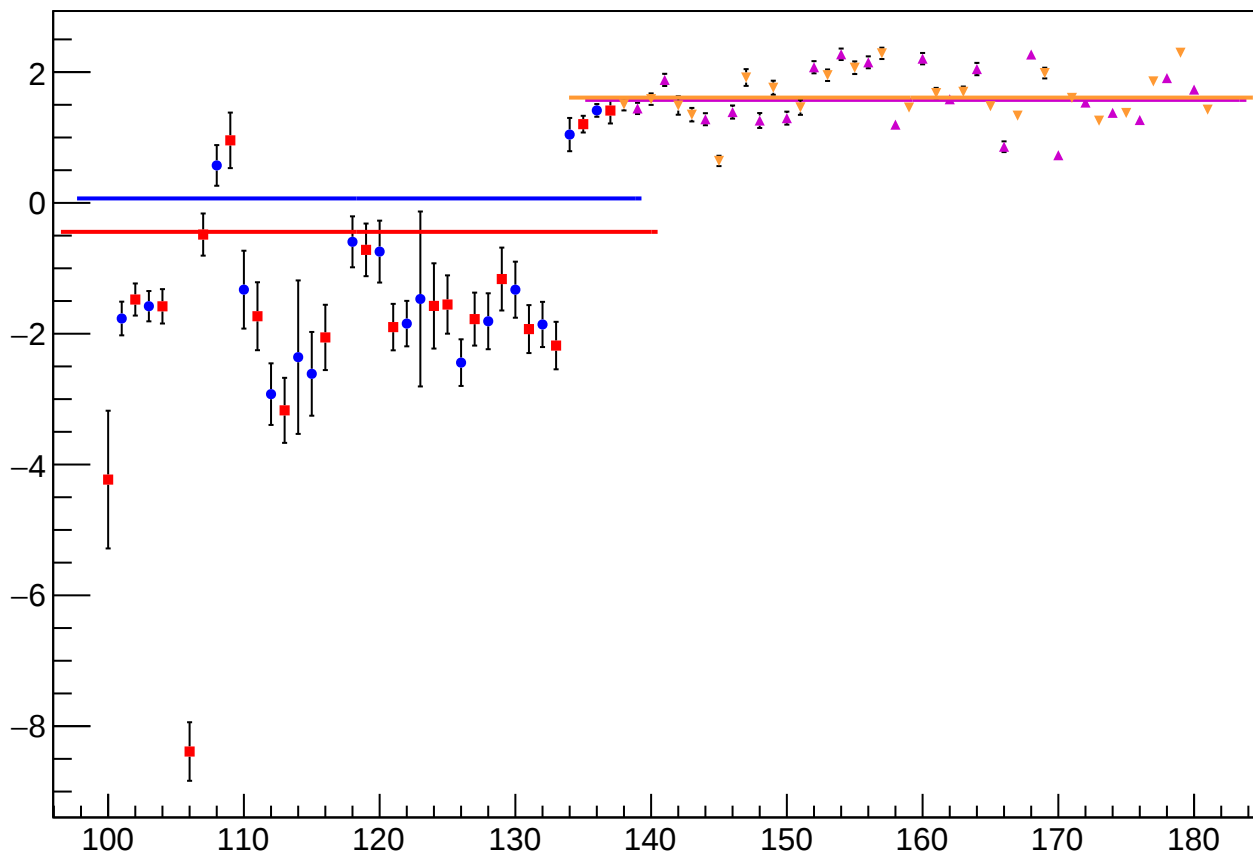
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -145.345 ± 0.367 χ^2/NDF : 2854.7/37

Out: -145.647 ± 0.356 χ^2/NDF : 2218.0/41

All: -145.501 ± 0.256 χ^2/NDF : 5073.0/79

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: 1.610 $\pm$ 0.017 χ^2 /NDF:463.4/22

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.575 $\pm$ 0.017 χ^2 /NDF:653.0/20

Left: 1.593 $\pm$ 0.012 χ^2 /NDF: 1118.5/43

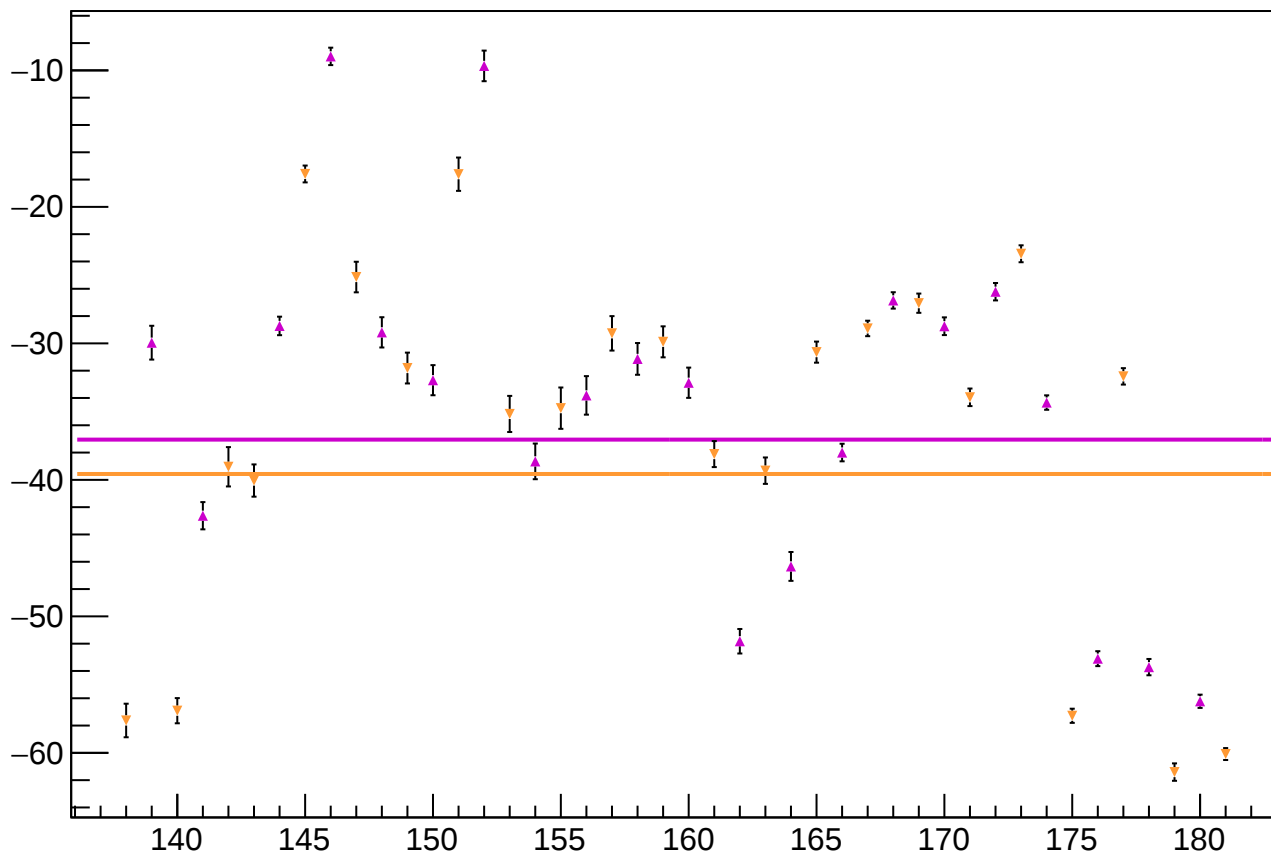
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.480 $\pm$ 0.017 χ^2 /NDF:1652.4/37

Out: 1.499 $\pm$ 0.017 χ^2 /NDF:2008.1/41

All: 1.490 $\pm$ 0.012 χ^2 /NDF: 3661.3/79

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.051+/-0.163 χ^2/NDF : 7172.5/20

Left: -38.326+/-0.115 χ^2/NDF : 16064.6/43

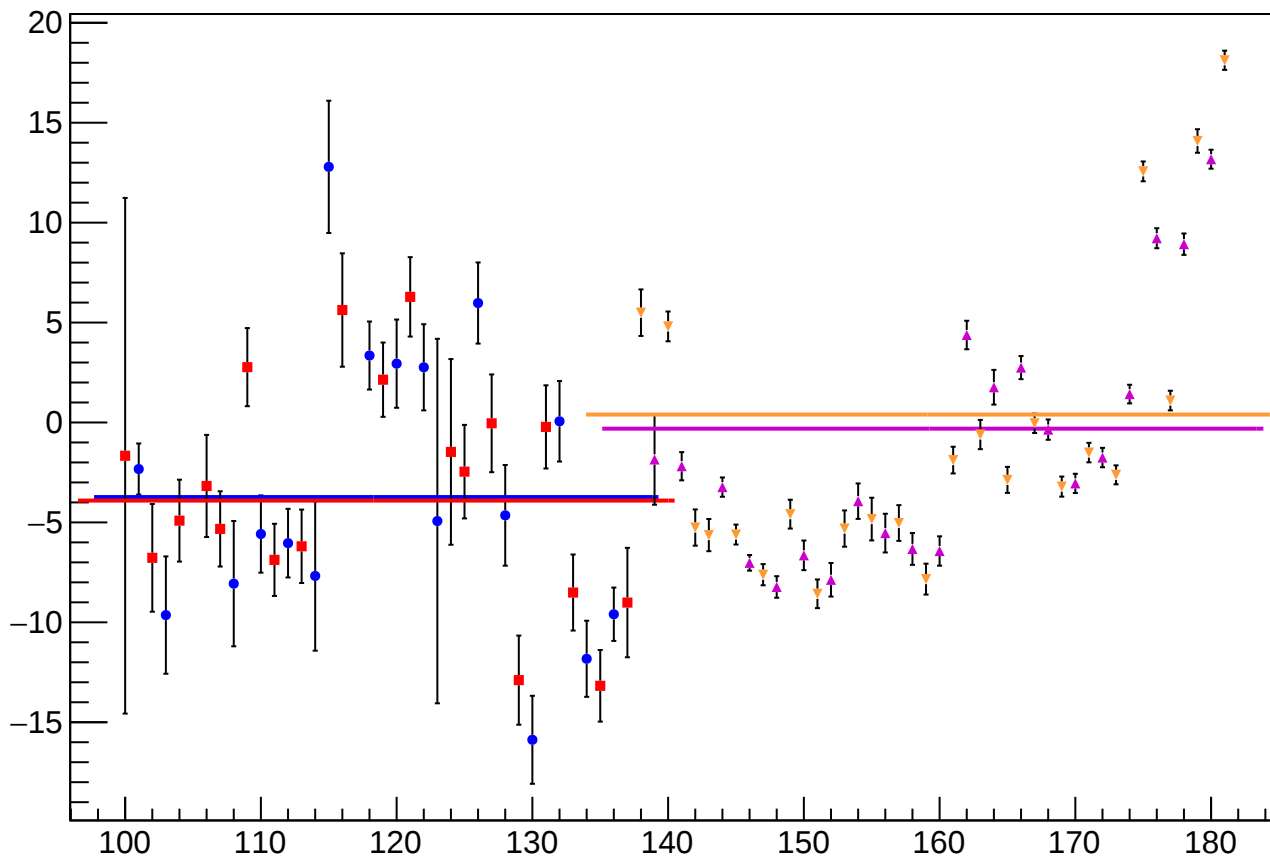
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.051+/-0.163 χ^2/NDF : 7172.5/20

Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

All: -38.326+/-0.115 χ^2/NDF : 16064.6/43

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.397 ± 0.129 χ^2/NDF : 3587.1/22

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -0.309 ± 0.128 χ^2/NDF : 2484.6/20

Left: 0.043 ± 0.091 χ^2/NDF : 6086.8/43

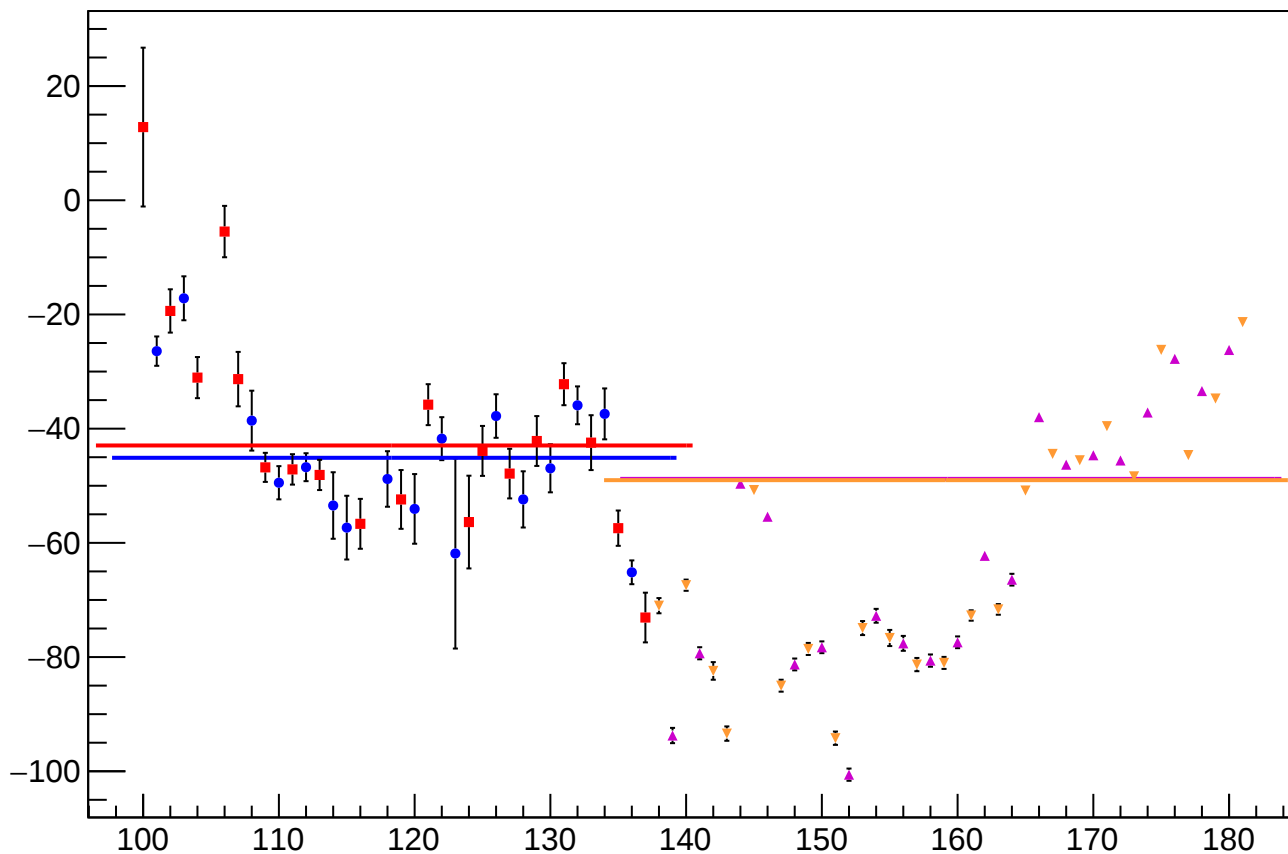
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -0.524 ± 0.124 χ^2/NDF : 2695.1/37

Out: 0.136 ± 0.125 χ^2/NDF : 3779.7/41

All: -0.195 ± 0.088 χ^2/NDF : 6488.9/79

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16
 Left Out: -49.018 ± 0.162 χ^2/NDF : 16095.9/22
 Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18
 Left In: -48.795 ± 0.164 χ^2/NDF : 14388.5/20

Left: -48.907 ± 0.115 χ^2/NDF : 30485.3/43

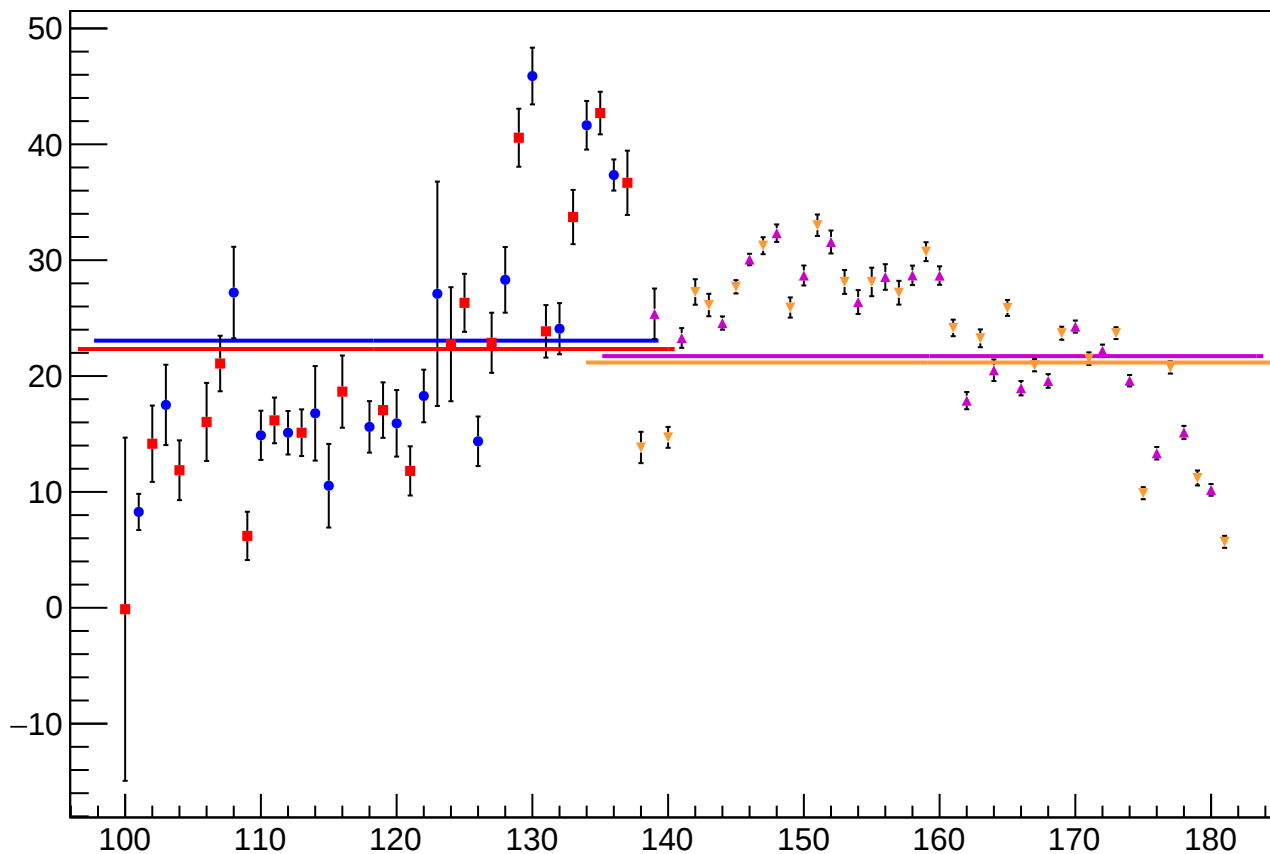
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -48.672 ± 0.161 χ^2/NDF : 14635.9/37

Out: -48.818 ± 0.160 χ^2/NDF : 16391.3/41

All: -48.745 ± 0.113 χ^2/NDF : 31027.7/79

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: 21.168 $\pm$ 0.144 χ^2 /NDF: 2623.7/22

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 21.719 $\pm$ 0.145 χ^2 /NDF: 1887.4/20

Left: 21.443 $\pm$ 0.102 χ^2 /NDF: 4518.4/43

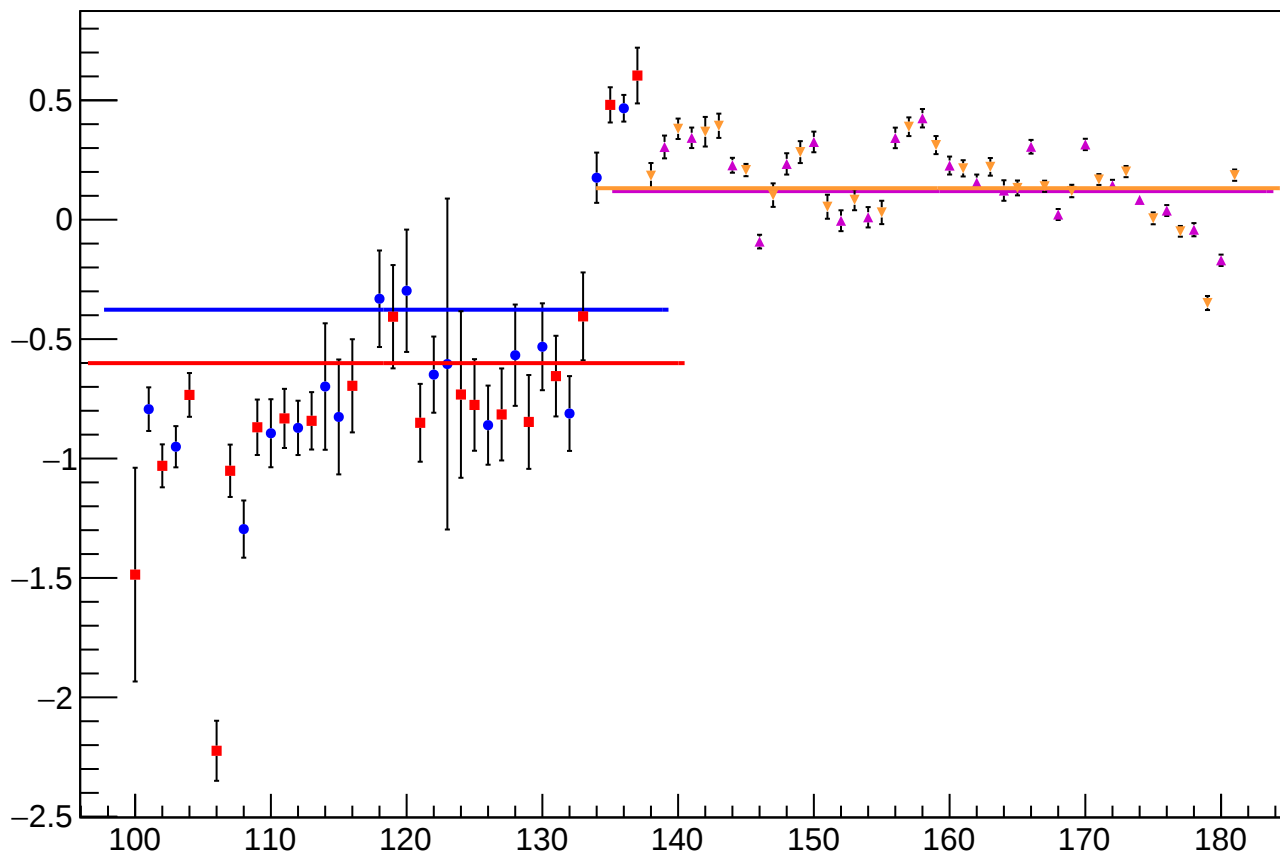
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 21.803 $\pm$ 0.140 χ^2 /NDF: 2353.9/37

Out: 21.238 $\pm$ 0.140 χ^2 /NDF: 2998.6/41

All: 21.520 $\pm$ 0.099 χ^2 /NDF: 5360.7/79

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.132 ± 0.007 $\chi^2/\text{NDF}: 556.0/22$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.120 ± 0.007 $\chi^2/\text{NDF}: 577.7/20$

Left: 0.126 ± 0.005 $\chi^2/\text{NDF}: 1135.4/43$

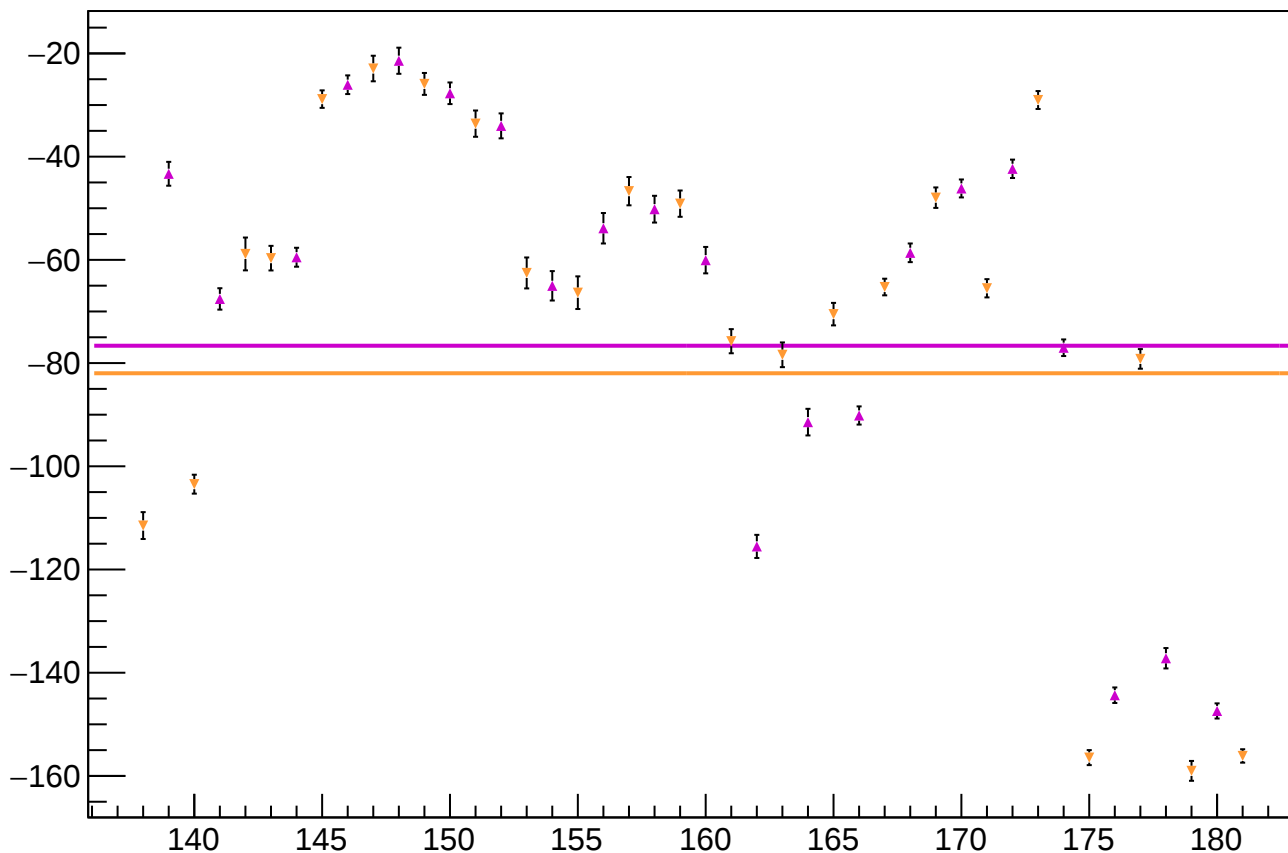
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.097 ± 0.006 $\chi^2/\text{NDF}: 1274.6/37$

Out: 0.098 ± 0.006 $\chi^2/\text{NDF}: 1673.4/41$

All: 0.097 ± 0.005 $\chi^2/\text{NDF}: 2948.0/79$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -76.638+/-0.435 χ^2/NDF :9106.0/20

Left: -79.376+/-0.303 χ^2/NDF : 21526.6/43

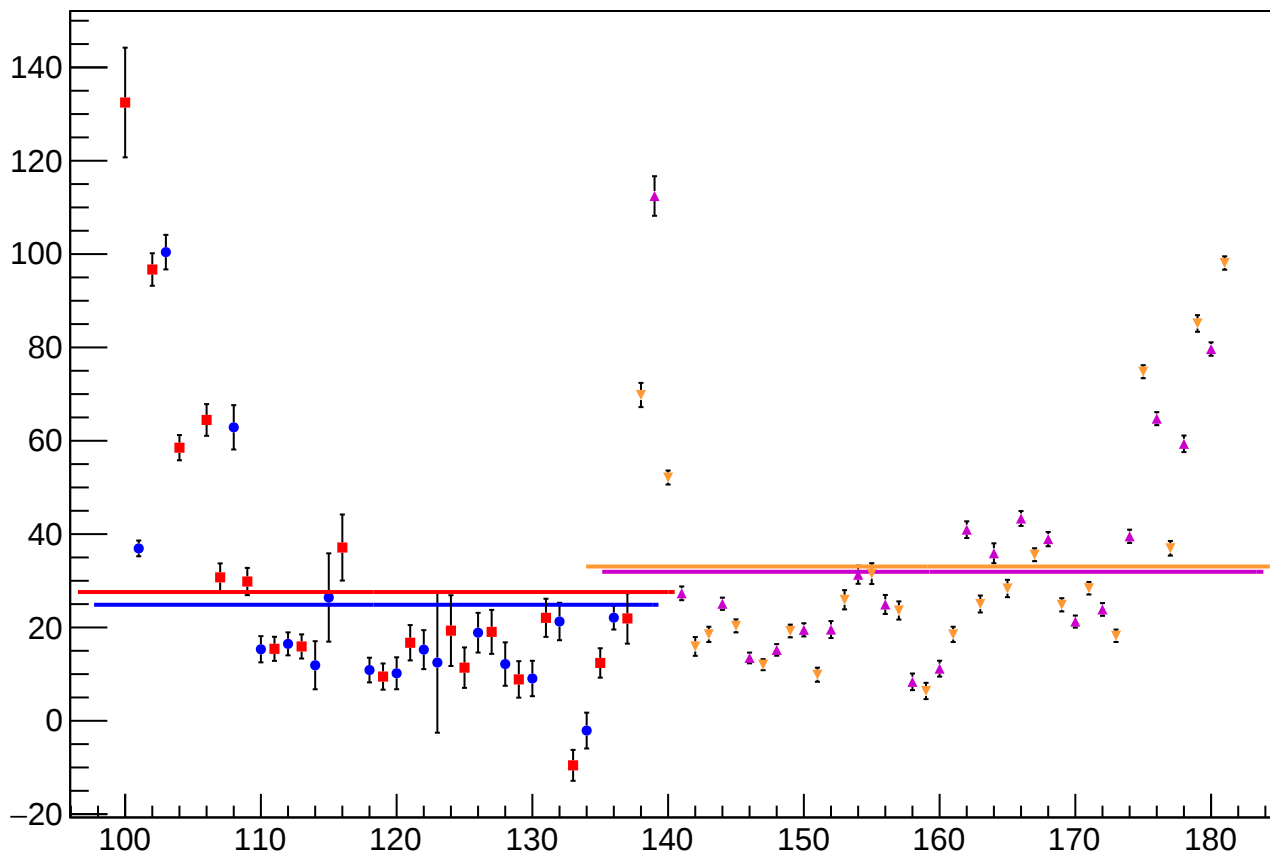
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.638+/-0.435 χ^2/NDF :9106.0/20

Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

All: -79.376+/-0.303 χ^2/NDF : 21526.6/43

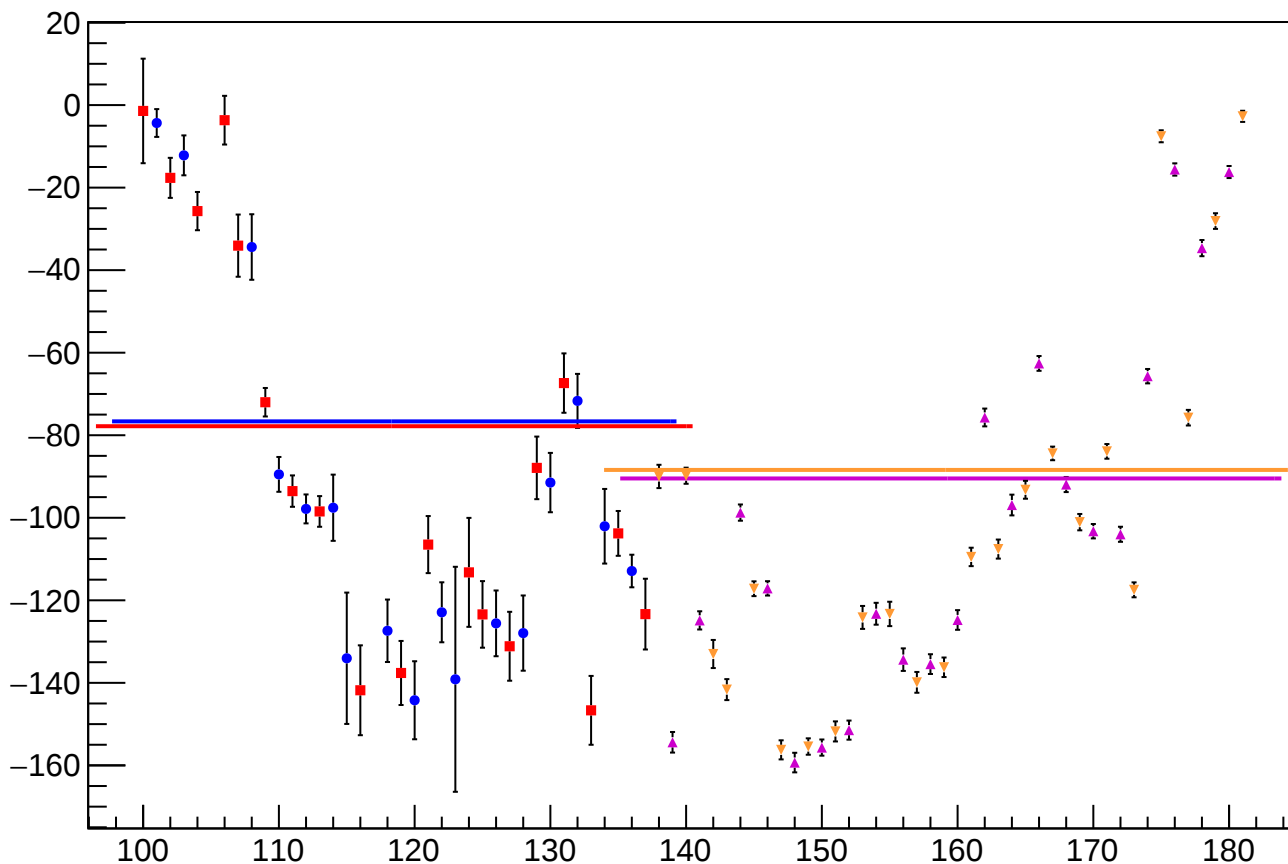
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 33.060 ± 0.329 χ^2/NDF : 5599.5/22
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 31.927 ± 0.338 χ^2/NDF : 3416.6/20

Left: 32.509 ± 0.236 χ^2/NDF : 9021.9/43
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 30.861 ± 0.312 χ^2/NDF : 4173.5/37
 Out: 32.286 ± 0.305 χ^2/NDF : 6649.6/41
 All: 31.590 ± 0.218 χ^2/NDF : 10833.8/79

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -88.407 ± 0.424 χ^2/NDF : 13308.4/22

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -90.476 ± 0.433 χ^2/NDF : 11290.7/20

Left: -89.420 ± 0.303 χ^2/NDF : 24610.7/43

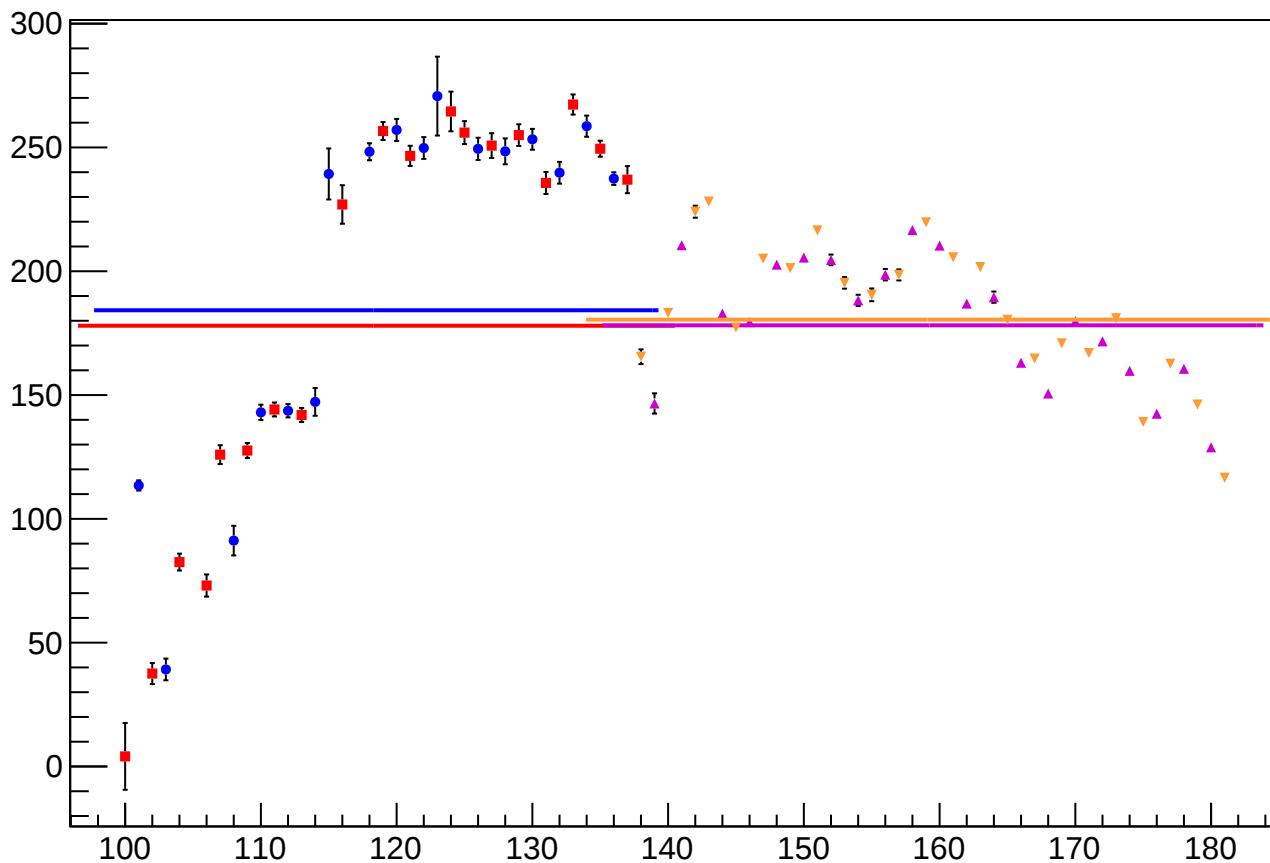
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -89.289 ± 0.414 χ^2/NDF : 12418.8/37

Out: -87.457 ± 0.405 χ^2/NDF : 14237.5/41

All: -88.352 ± 0.290 χ^2/NDF : 26666.3/79

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 180.461 $\pm$ 0.373 χ^2 /NDF: 5748.0/22

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 178.162 $\pm$ 0.382 χ^2 /NDF: 4076.9/20

Left: 179.340 $\pm$ 0.267 χ^2 /NDF: 9843.5/43

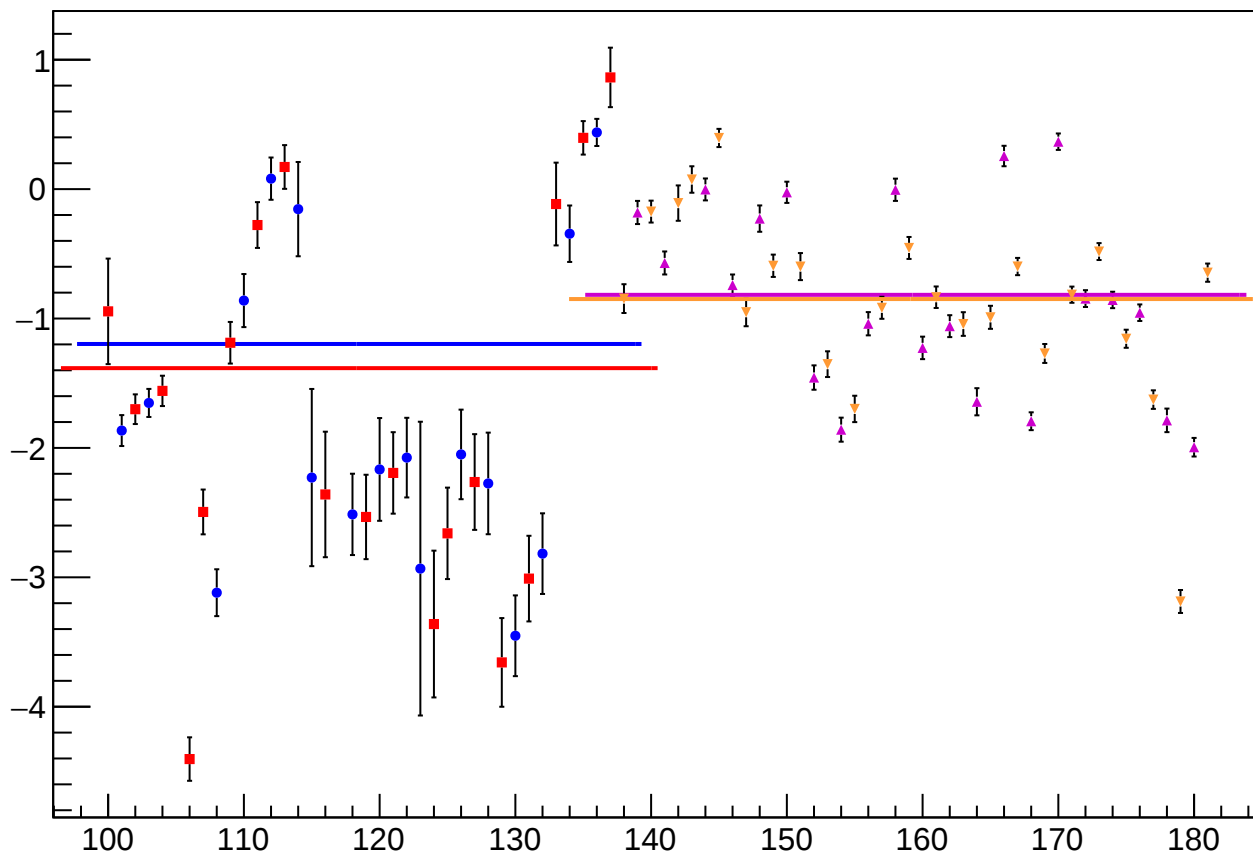
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 179.065 $\pm$ 0.353 χ^2 /NDF: 9503.2/37

Out: 180.117 $\pm$ 0.346 χ^2 /NDF: 12092.1/41

All: 179.601 $\pm$ 0.247 χ^2 /NDF: 21599.8/79

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.849 $\pm$ 0.017 χ^2/NDF :1545.9/22

Right Out: -1.383 $\pm$ 0.046 χ^2/NDF : 923.4/18

Left In: -0.817 $\pm$ 0.017 χ^2/NDF :1757.3/20

Left: -0.833 $\pm$ 0.012 χ^2/NDF : 3305.0/43

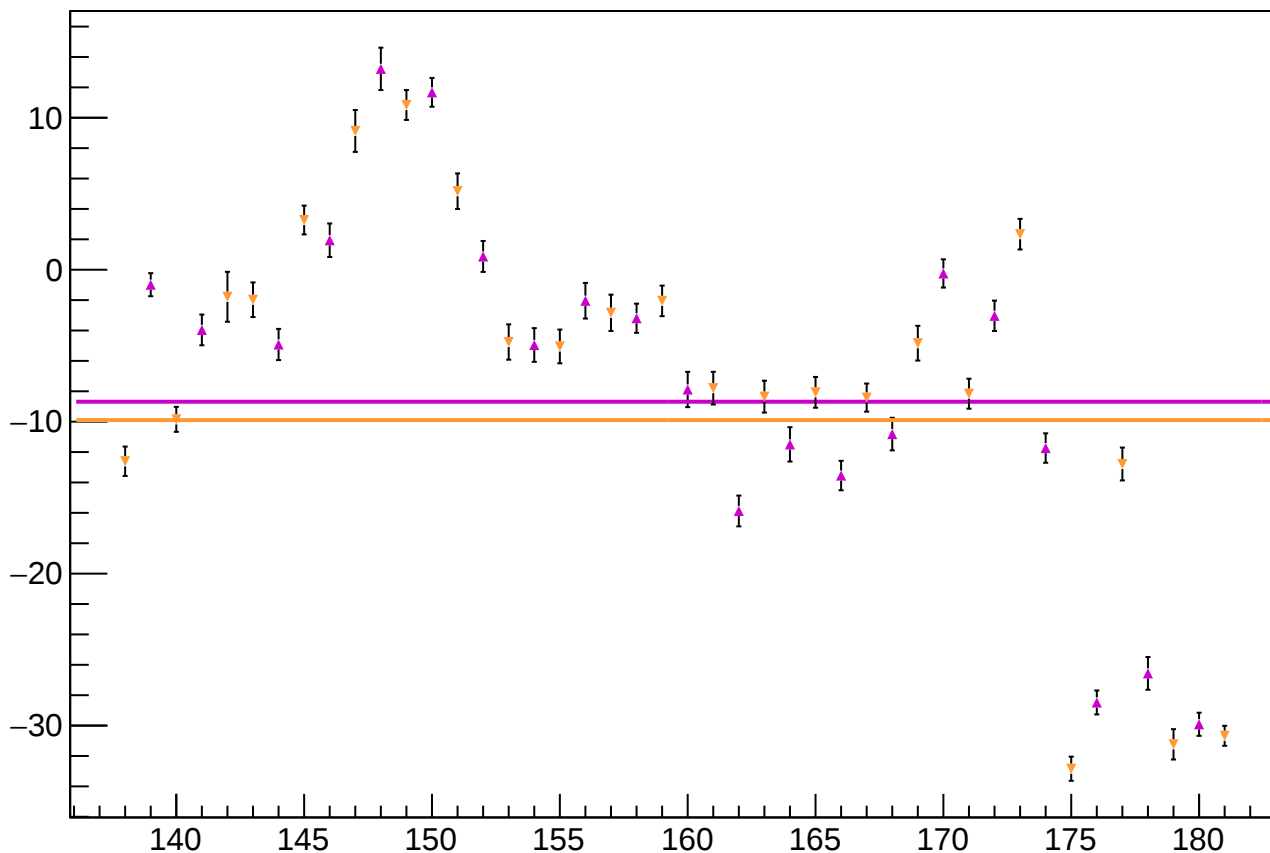
Right: -1.295 $\pm$ 0.033 χ^2/NDF : 1552.8/35

In: -0.861 $\pm$ 0.016 χ^2/NDF :2433.9/37

Out: -0.916 $\pm$ 0.016 χ^2/NDF :2588.5/41

All: -0.889 $\pm$ 0.011 χ^2/NDF : 5028.1/79

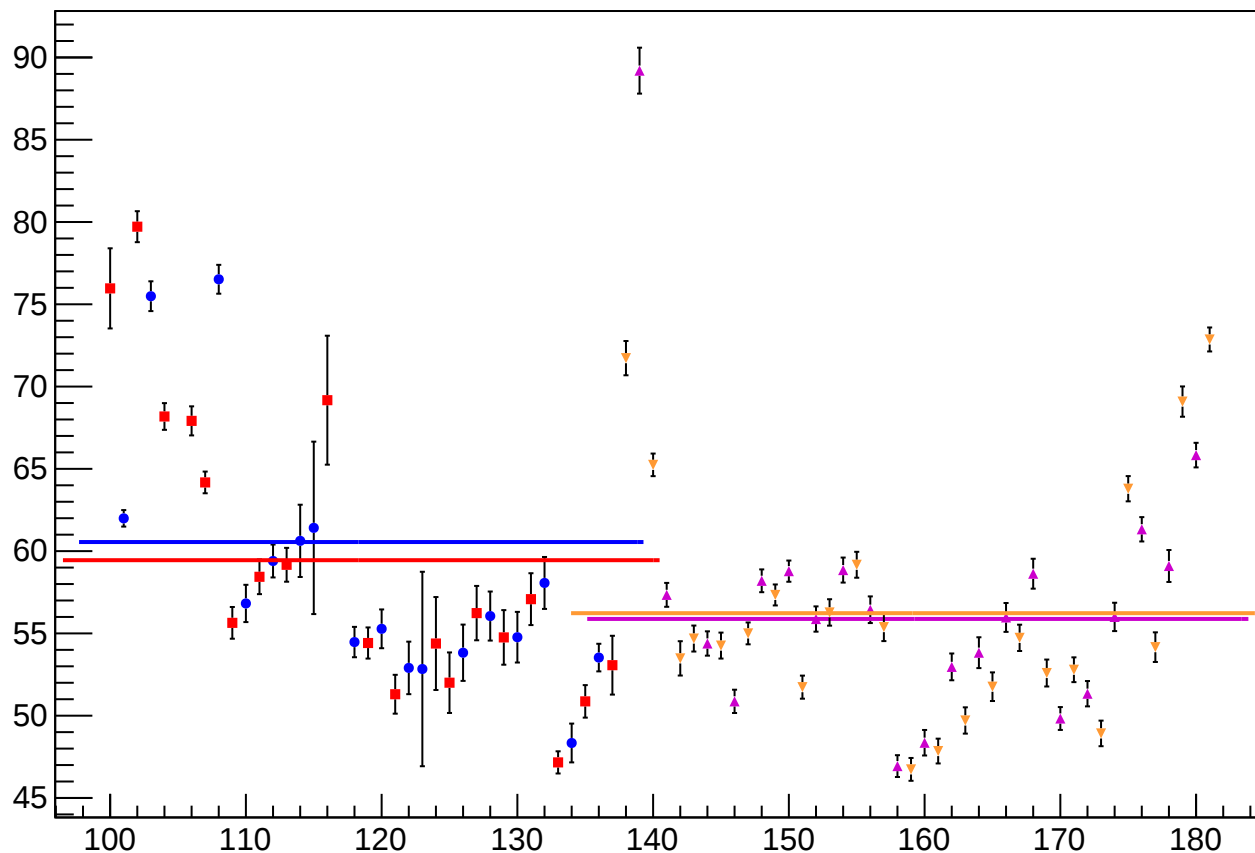
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.894 $\pm$ 0.210 χ^2 /NDF:3684.0/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.687 $\pm$ 0.215 χ^2 /NDF:2997.6/20

Left: -9.307 $\pm$ 0.150 χ^2 /NDF: 6697.7/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.687 $\pm$ 0.215 χ^2 /NDF:2997.6/20
 Out: -9.894 $\pm$ 0.210 χ^2 /NDF:3684.0/22
 All: -9.307 $\pm$ 0.150 χ^2 /NDF: 6697.7/43

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 χ^2/NDF : 931.0/16

Left Out: 56.229 ± 0.163 χ^2/NDF : 1828.5/22

Right Out: 59.449 ± 0.248 χ^2/NDF : 1321.3/18

Left In: 55.879 ± 0.170 χ^2/NDF : 1331.7/20

Left: 56.061 ± 0.118 χ^2/NDF : 3162.4/43

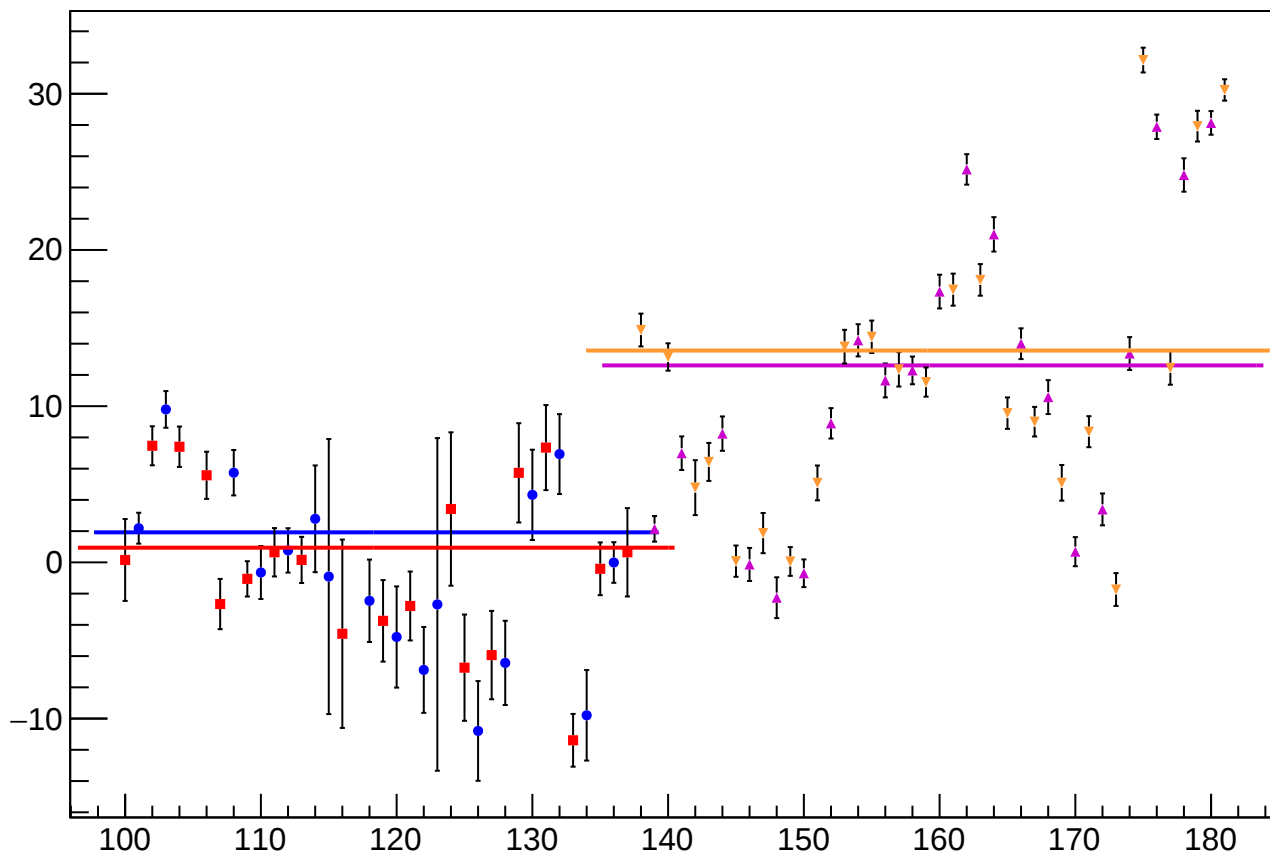
Right: 59.970 ± 0.180 χ^2/NDF : 2261.6/35

In: 57.266 ± 0.143 χ^2/NDF : 2486.7/37

Out: 57.202 ± 0.136 χ^2/NDF : 3267.8/41

All: 57.232 ± 0.098 χ^2/NDF : 5754.6/79

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 13.562 ± 0.209 χ^2/NDF : 2331.1/22

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 12.609 ± 0.214 χ^2/NDF : 2151.3/20

Left: 13.096 ± 0.149 χ^2/NDF : 4492.6/43

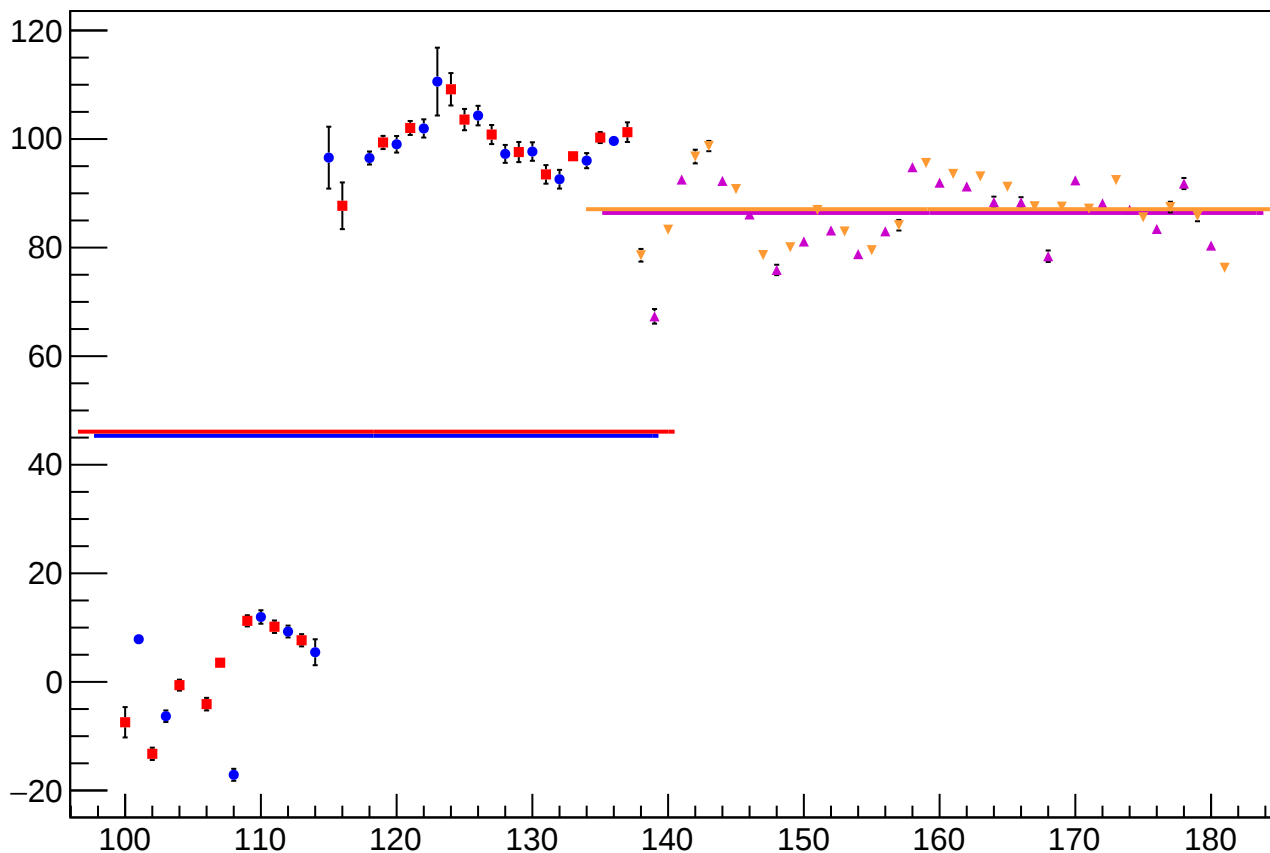
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 10.703 ± 0.194 χ^2/NDF : 2719.2/37

Out: 11.096 ± 0.187 χ^2/NDF : 3194.1/41

All: 10.906 ± 0.135 χ^2/NDF : 5915.4/79

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.076 $\pm$ 0.184 χ^2 /NDF:1084.2/22

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.388 $\pm$ 0.191 χ^2 /NDF:1023.2/20

Left: 86.744 $\pm$ 0.133 χ^2 /NDF: 2114.2/43

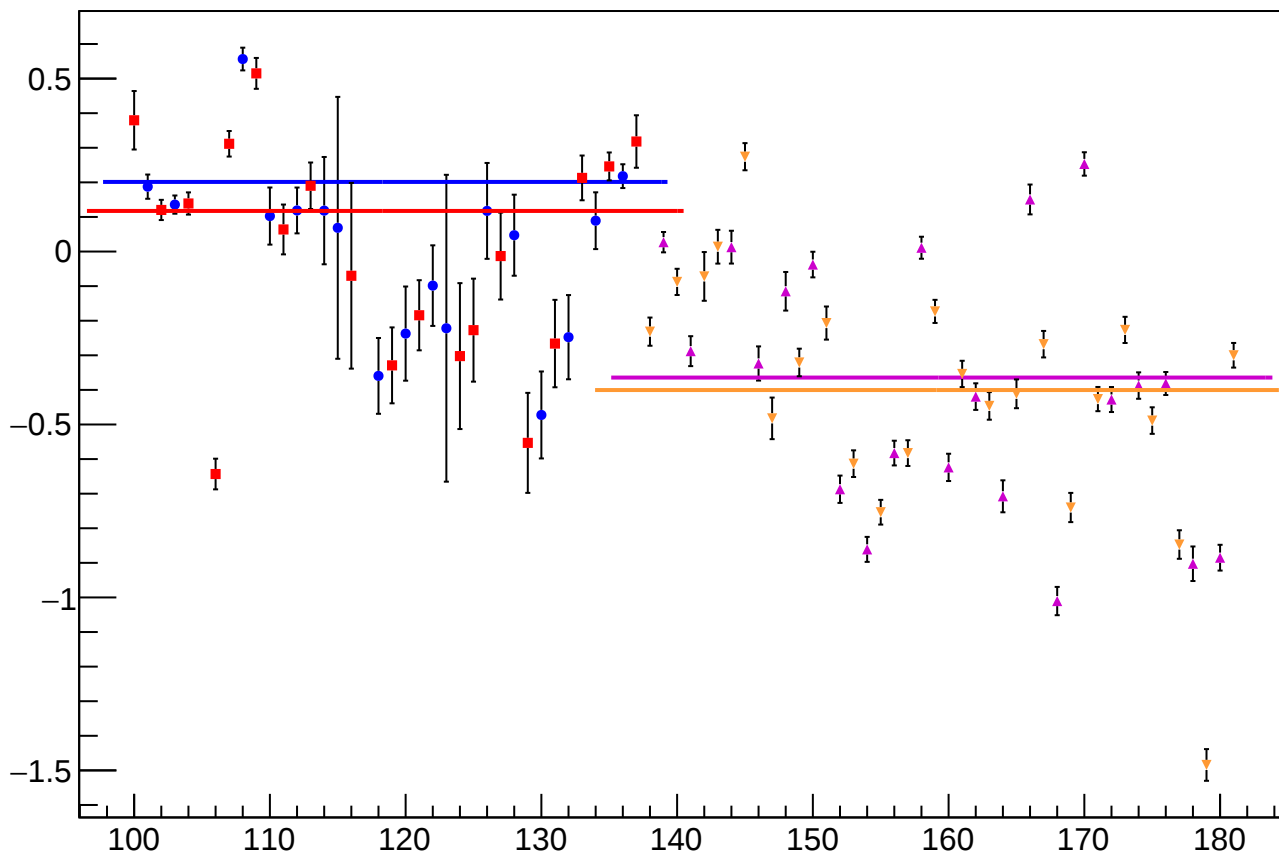
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 74.772 $\pm$ 0.161 χ^2 /NDF:39144.6/37

Out: 75.245 $\pm$ 0.155 χ^2 /NDF:43635.7/41

All: 75.018 $\pm$ 0.112 χ^2 /NDF: 82784.8/79

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.400 ± 0.008 χ^2/NDF : 1486.3/22

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.364 ± 0.008 χ^2/NDF : 1915.1/20

Left: -0.382 ± 0.006 χ^2/NDF : 3410.6/43

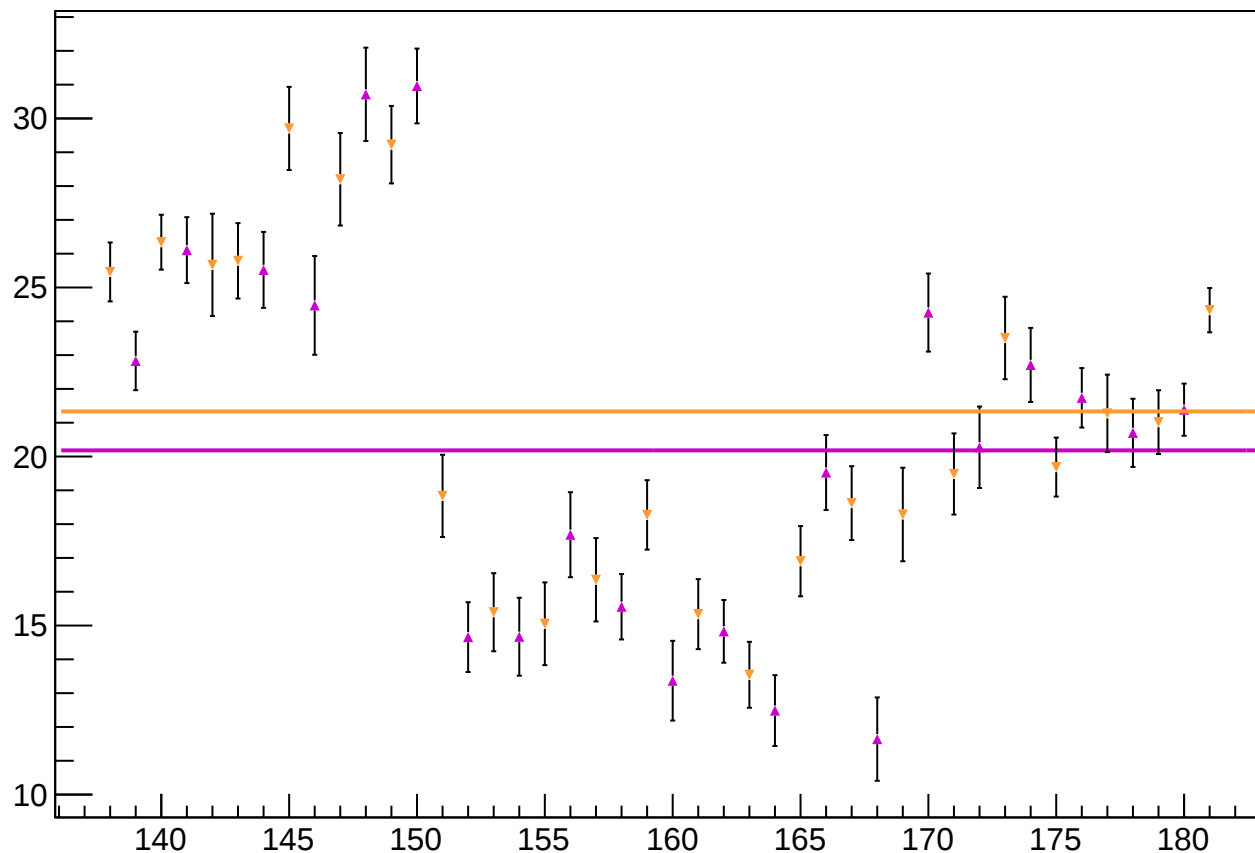
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.214 ± 0.007 χ^2/NDF : 3324.5/37

Out: -0.248 ± 0.007 χ^2/NDF : 3103.0/41

All: -0.232 ± 0.005 χ^2/NDF : 6438.7/79

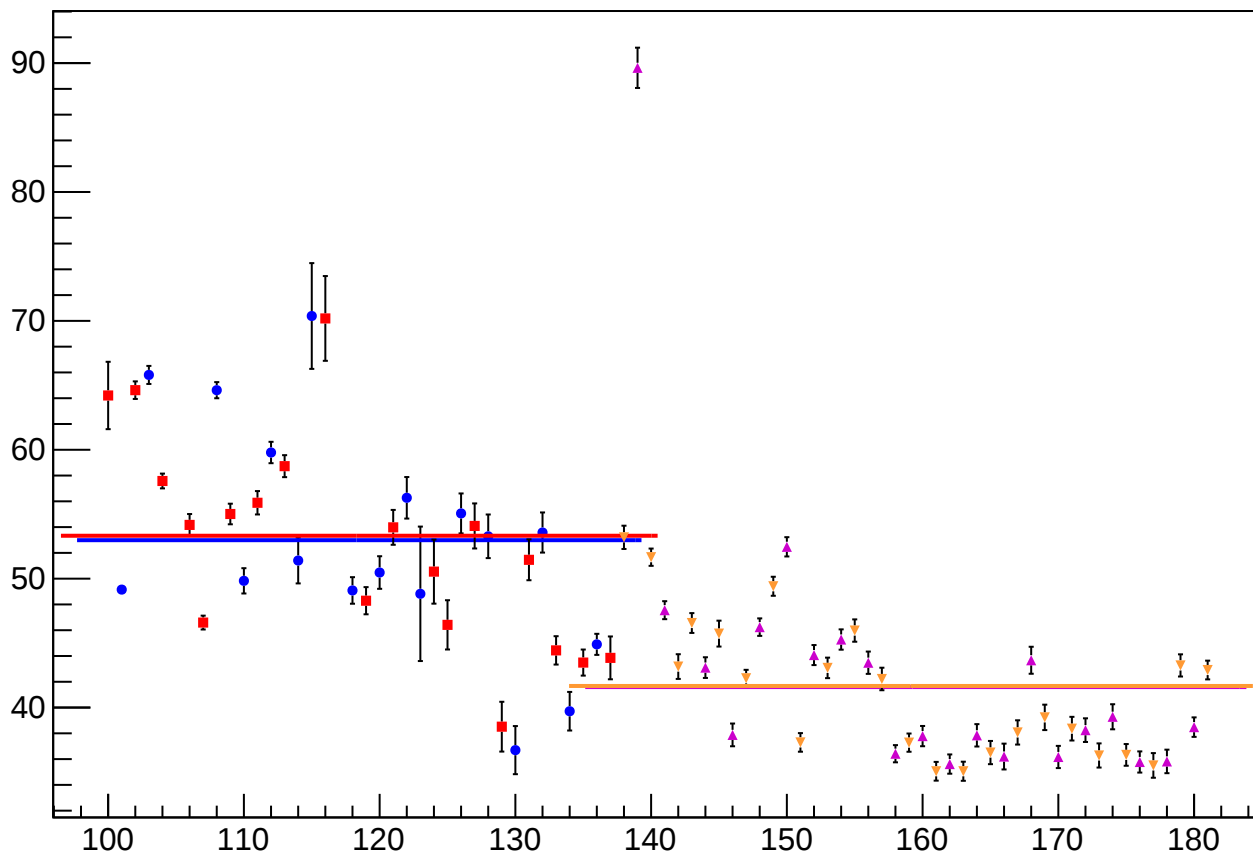
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.181 $\pm$ 0.230 χ^2 /NDF:501.5/20

Left: 20.787 $\pm$ 0.159 χ^2 /NDF: 957.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.181 $\pm$ 0.230 χ^2 /NDF:501.5/20
 Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 All: 20.787 $\pm$ 0.159 χ^2 /NDF: 957.0/43

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: 41.674 $\pm$ 0.170 χ^2 /NDF:1009.1/22

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.589 $\pm$ 0.180 χ^2 /NDF:1698.6/20

Left: 41.634 $\pm$ 0.124 χ^2 /NDF: 2707.8/43

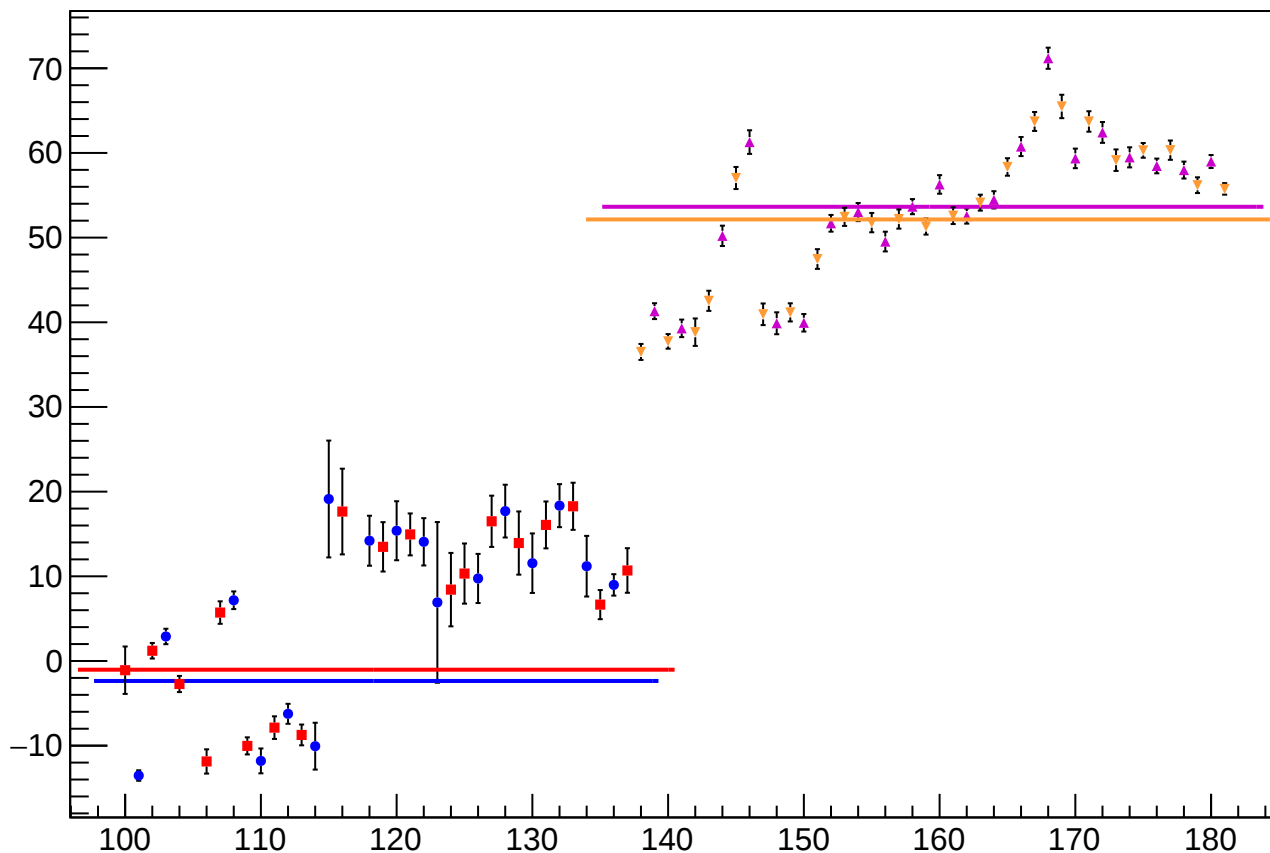
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.415 $\pm$ 0.137 χ^2 /NDF:4589.3/37

Out: 45.867 $\pm$ 0.136 χ^2 /NDF:3578.3/41

All: 46.139 $\pm$ 0.096 χ^2 /NDF: 8175.6/79

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.145 ± 0.218 χ^2/NDF : 1446.1/22

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.641 ± 0.228 χ^2/NDF : 1150.9/20

Left: 52.862 ± 0.158 χ^2/NDF : 2619.4/43

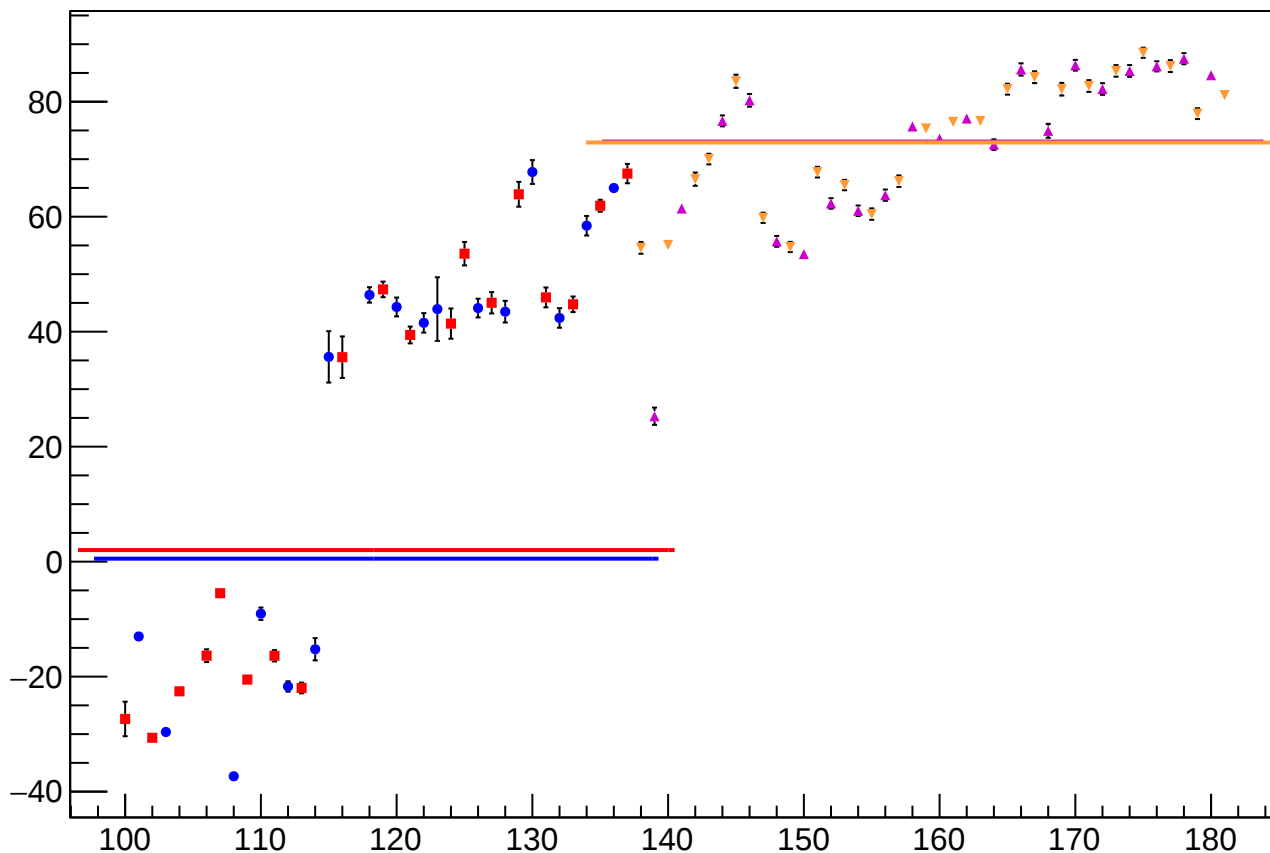
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 37.905 ± 0.193 χ^2/NDF : 18994.7/37

Out: 38.781 ± 0.189 χ^2/NDF : 16864.3/41

All: 38.353 ± 0.135 χ^2/NDF : 35869.5/79

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 72.904+/-0.193 χ^2/NDF :3065.6/22

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 73.067+/-0.202 χ^2/NDF :3765.8/20

Left: 72.982+/-0.139 χ^2/NDF : 6831.7/43

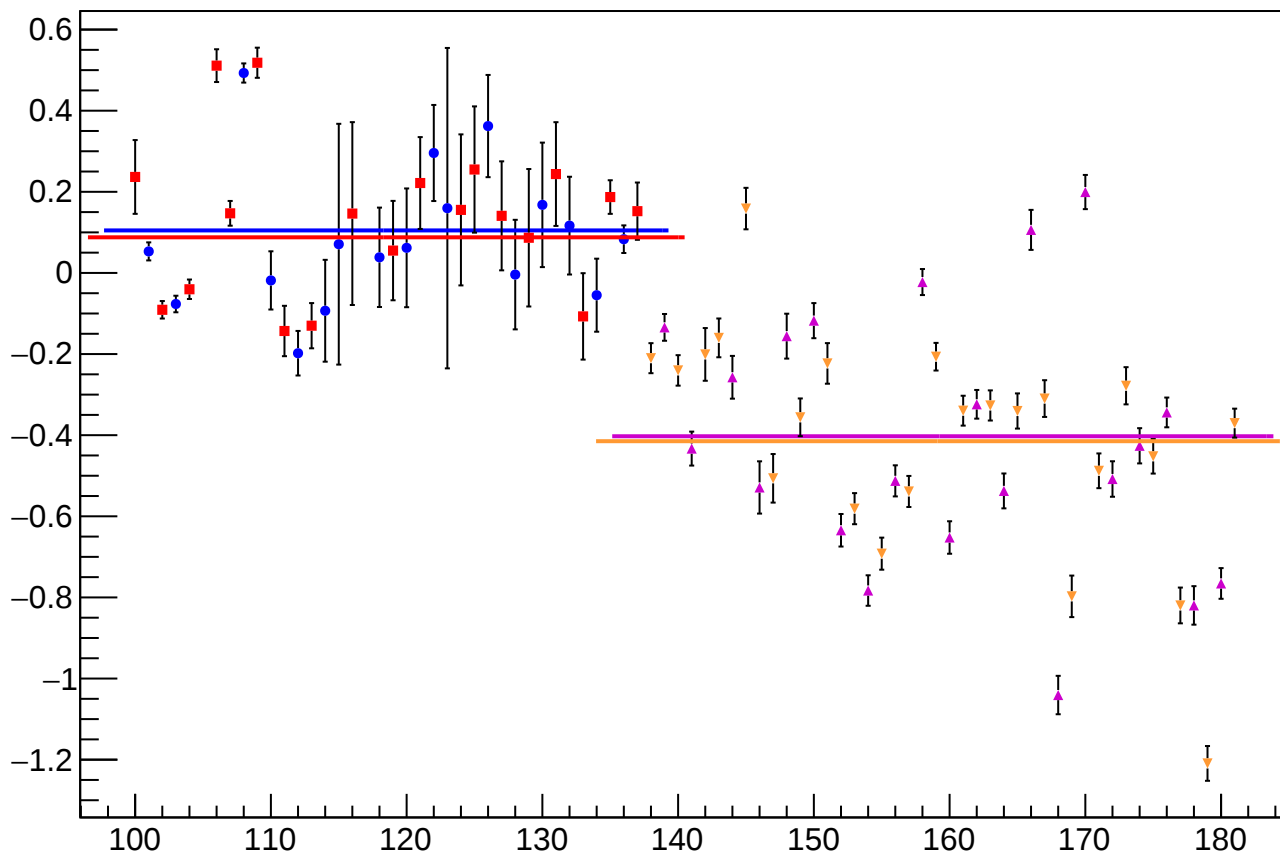
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 43.929+/-0.156 χ^2/NDF :73804.1/37

Out: 48.575+/-0.156 χ^2/NDF :65069.1/41

All: 46.259+/-0.110 χ^2/NDF : 139315.3/79

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.415 ± 0.009 $\chi^2/\text{NDF}: 867.6/22$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.403 ± 0.009 $\chi^2/\text{NDF}: 1149.1/20$

Left: -0.409 ± 0.006 $\chi^2/\text{NDF}: 2017.6/43$

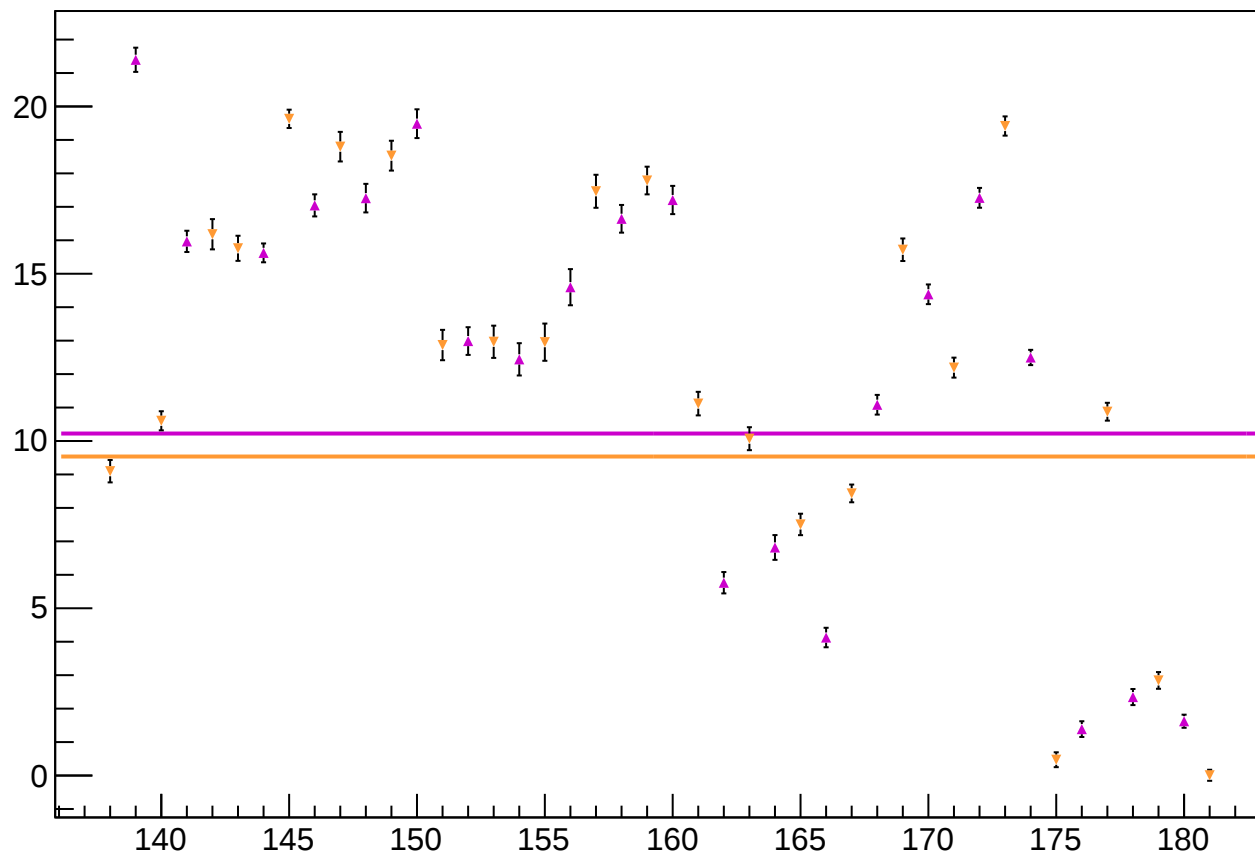
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.199 ± 0.007 $\chi^2/\text{NDF}: 2816.0/37$

Out: -0.217 ± 0.007 $\chi^2/\text{NDF}: 2526.3/41$

All: -0.208 ± 0.005 $\chi^2/\text{NDF}: 5345.9/79$

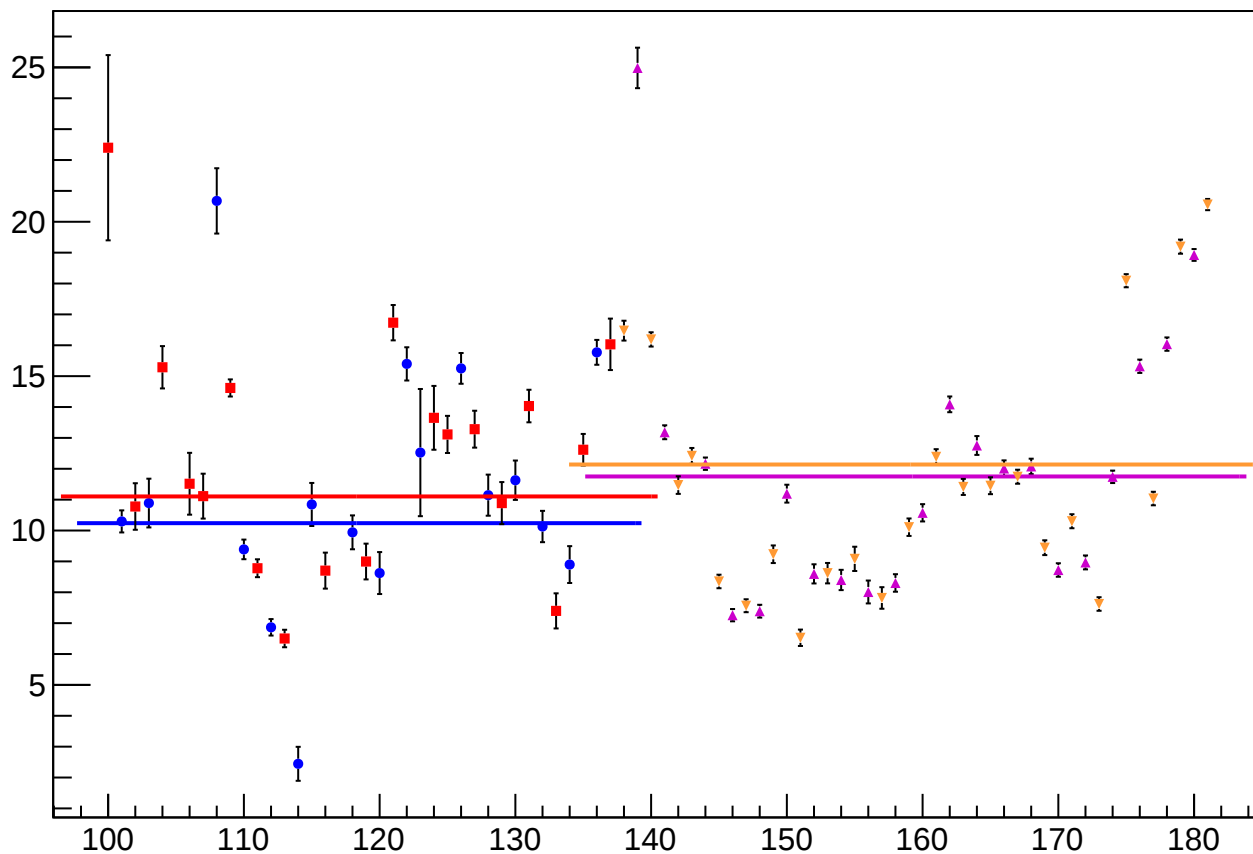
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.536+/-0.065 χ^2/NDF :10916.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.223+/-0.068 χ^2/NDF :9451.5/20

Left: 9.865+/-0.047 χ^2/NDF : 20422.1/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.223+/-0.068 χ^2/NDF :9451.5/20
 Out: 9.536+/-0.065 χ^2/NDF :10916.7/22
 All: 9.865+/-0.047 χ^2/NDF : 20422.1/43

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 12.138 ± 0.052 χ^2/NDF : 6729.2/22

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 11.751 ± 0.053 χ^2/NDF : 4392.3/20

Left: 11.951 ± 0.037 χ^2/NDF : 11148.7/43

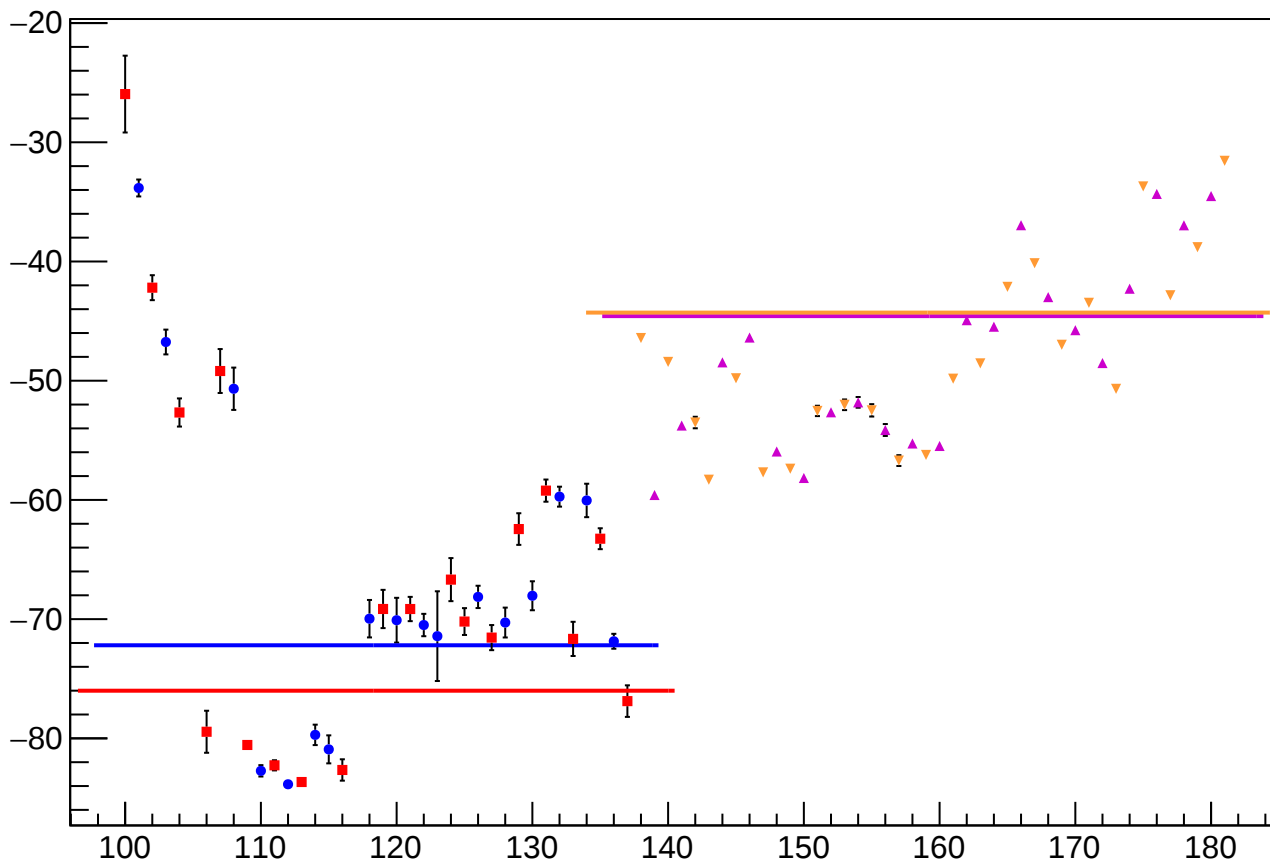
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 11.498 ± 0.049 χ^2/NDF : 5394.0/37

Out: 11.968 ± 0.047 χ^2/NDF : 7610.4/41

All: 11.741 ± 0.034 χ^2/NDF : 13052.5/79

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -44.286 ± 0.065 $\chi^2/\text{NDF}: 16348.8/22$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -44.582 ± 0.068 $\chi^2/\text{NDF}: 13521.3/20$

Left: -44.428 ± 0.047 $\chi^2/\text{NDF}: 29880.1/43$

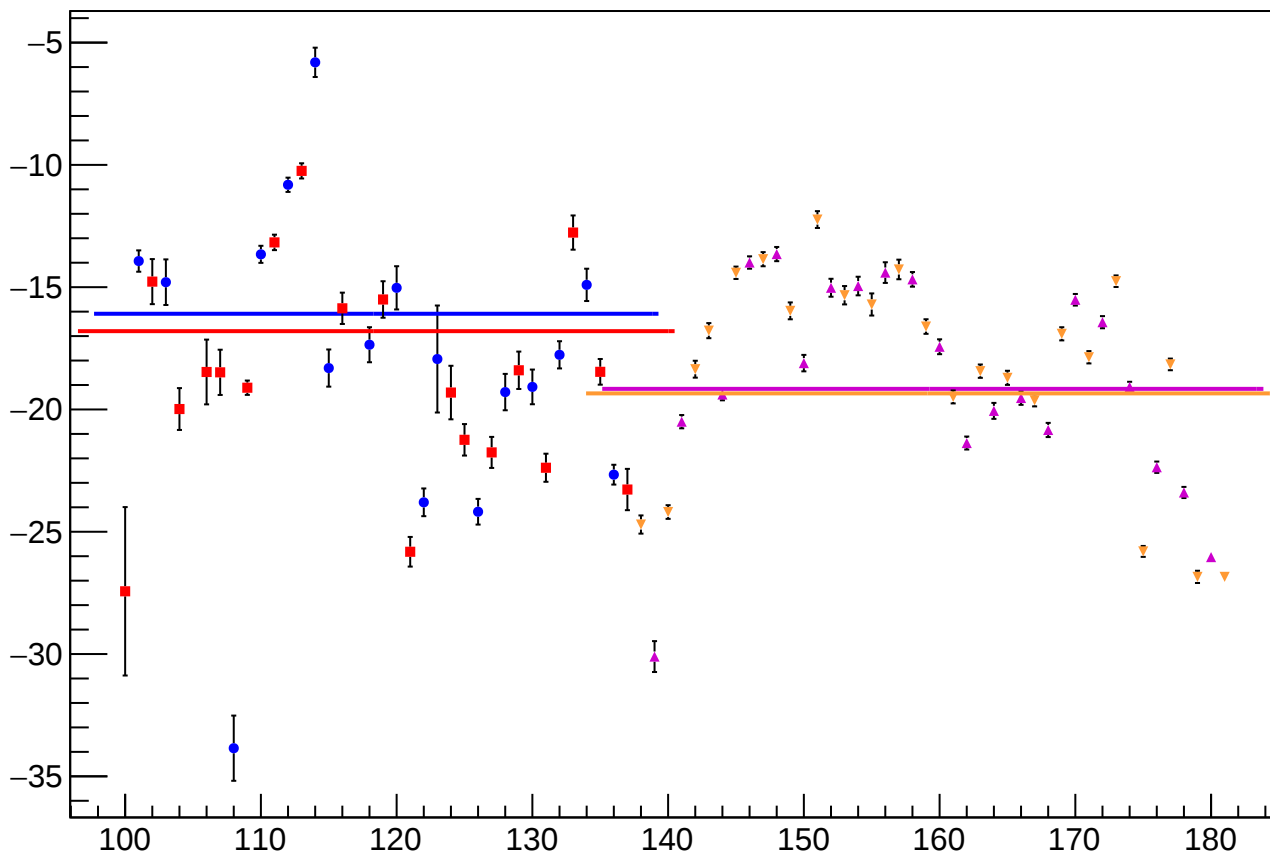
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -47.457 ± 0.064 $\chi^2/\text{NDF}: 36480.6/37$

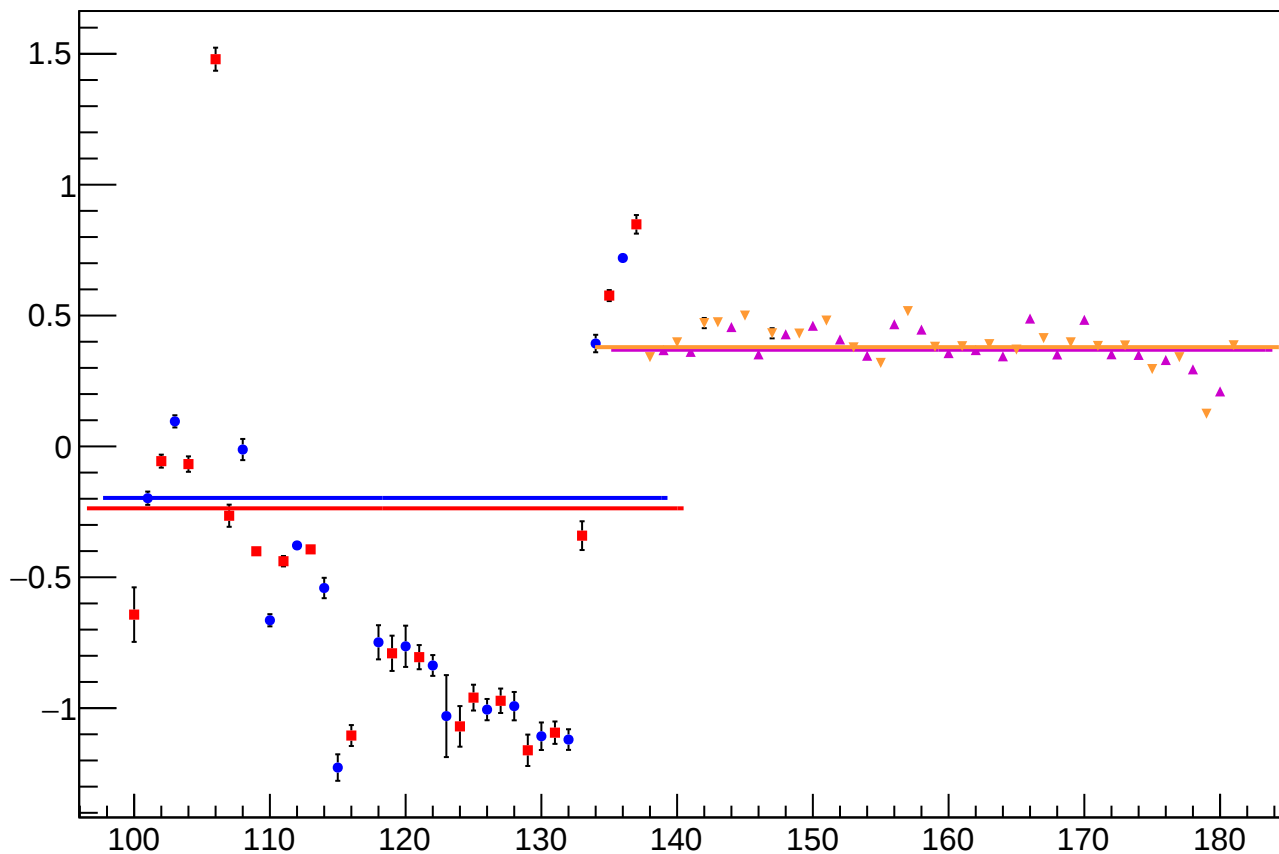
Out: -47.933 ± 0.061 $\chi^2/\text{NDF}: 47005.5/41$

All: -47.705 ± 0.044 $\chi^2/\text{NDF}: 83514.9/79$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.379 ± 0.003 χ^2/NDF : 900.5/22

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.369 ± 0.003 χ^2/NDF : 706.0/20

Left: 0.374 ± 0.002 χ^2/NDF : 1613.3/43

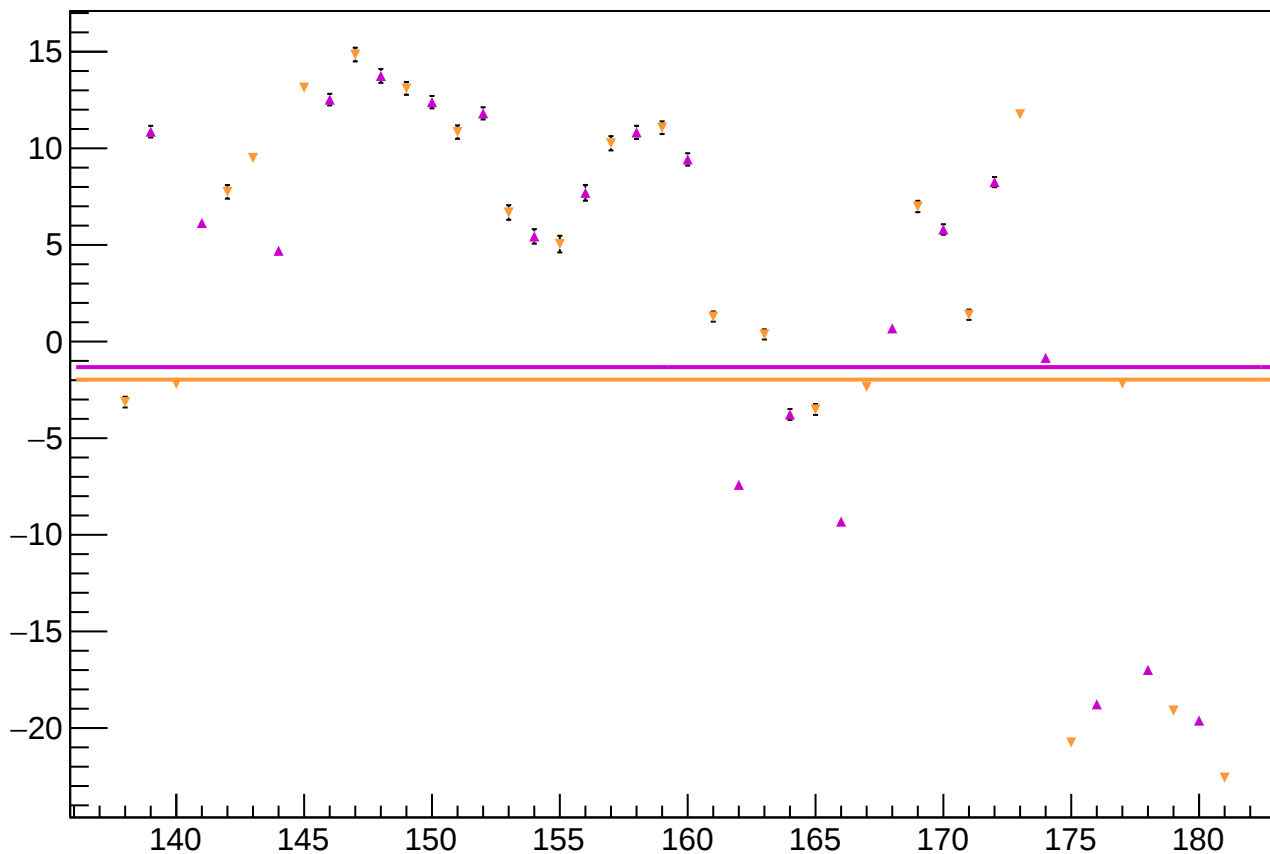
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.303 ± 0.003 χ^2/NDF : 12005.5/37

Out: 0.303 ± 0.003 χ^2/NDF : 13587.5/41

All: 0.303 ± 0.002 χ^2/NDF : 25593.1/79

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.323+/-0.058 χ^2/NDF : 39007.8/20

Left: -1.661+/-0.040 χ^2/NDF : 89622.4/43

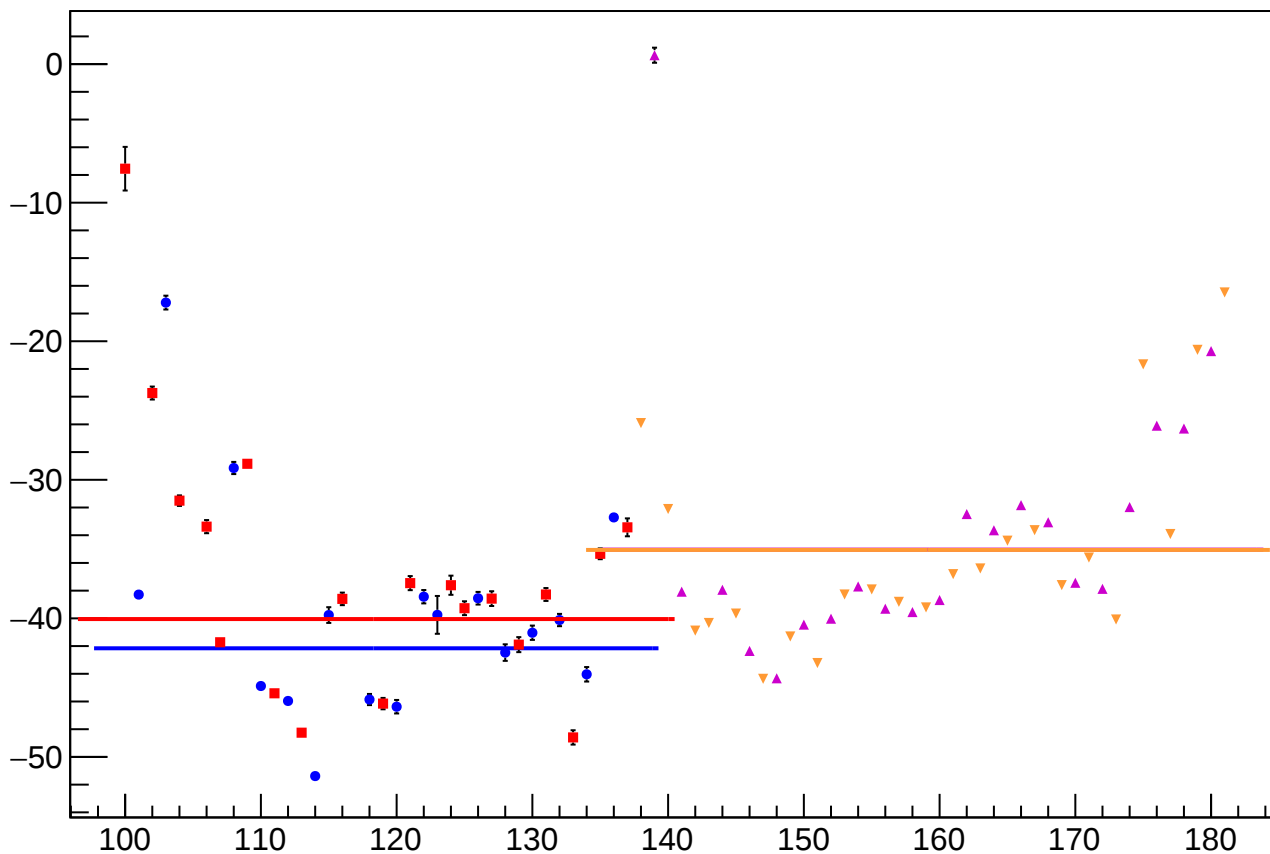
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.323+/-0.058 χ^2/NDF : 39007.8/20

Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22

All: -1.661+/-0.040 χ^2/NDF : 89622.4/43

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -35.061 ± 0.043 χ^2/NDF : 31273.0/22

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -35.038 ± 0.045 χ^2/NDF : 22635.6/20

Left: -35.050 ± 0.031 χ^2/NDF : 53908.7/43

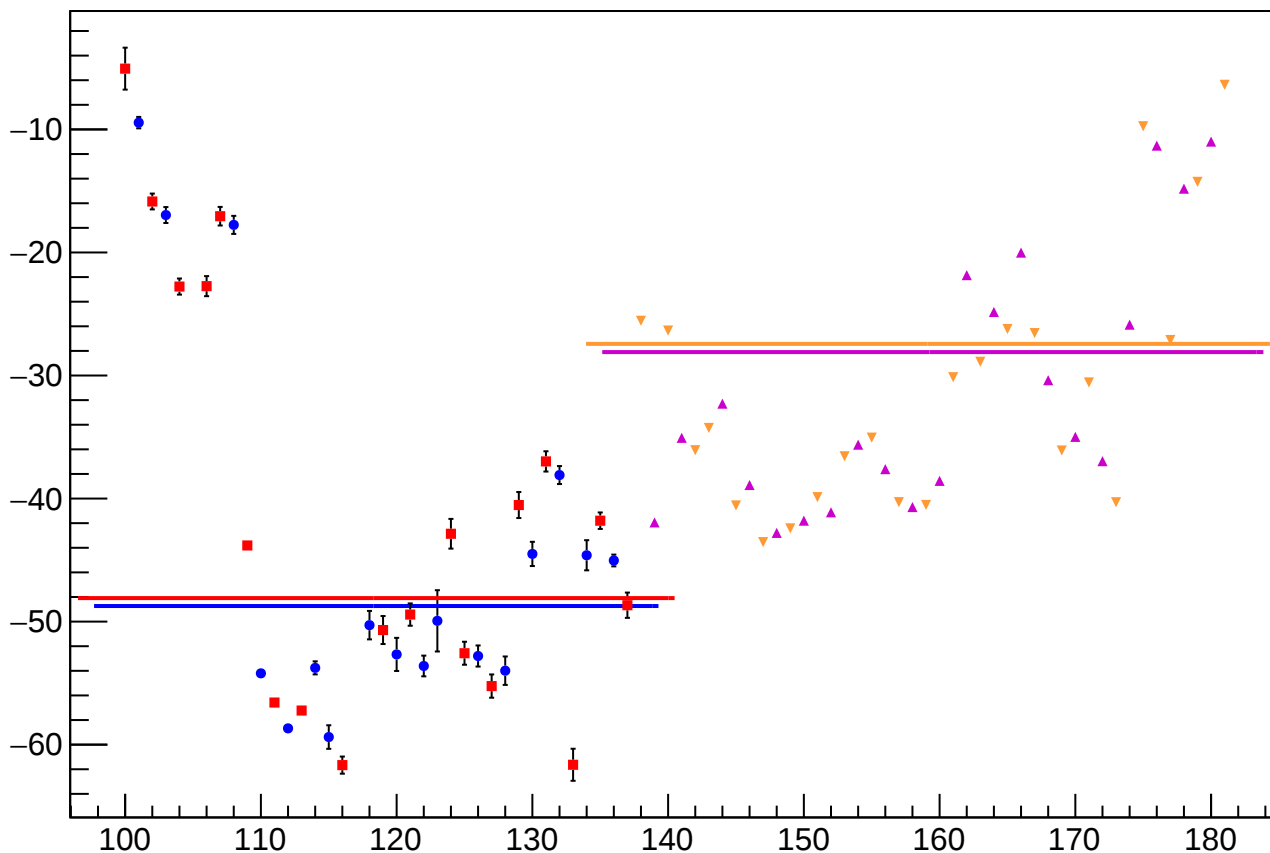
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -36.838 ± 0.039 χ^2/NDF : 35449.8/37

Out: -36.351 ± 0.037 χ^2/NDF : 46069.8/41

All: -36.581 ± 0.027 χ^2/NDF : 81601.5/79

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2 /NDF: 14659.4/16

Left Out: -27.429 $\pm$ 0.055 χ^2 /NDF:44384.5/22

Right Out: -48.090 $\pm$ 0.107 χ^2 /NDF: 11731.5/18

Left In: -28.096 $\pm$ 0.058 χ^2 /NDF:36240.4/20

Left: -27.749 $\pm$ 0.040 χ^2 /NDF: 80694.5/43

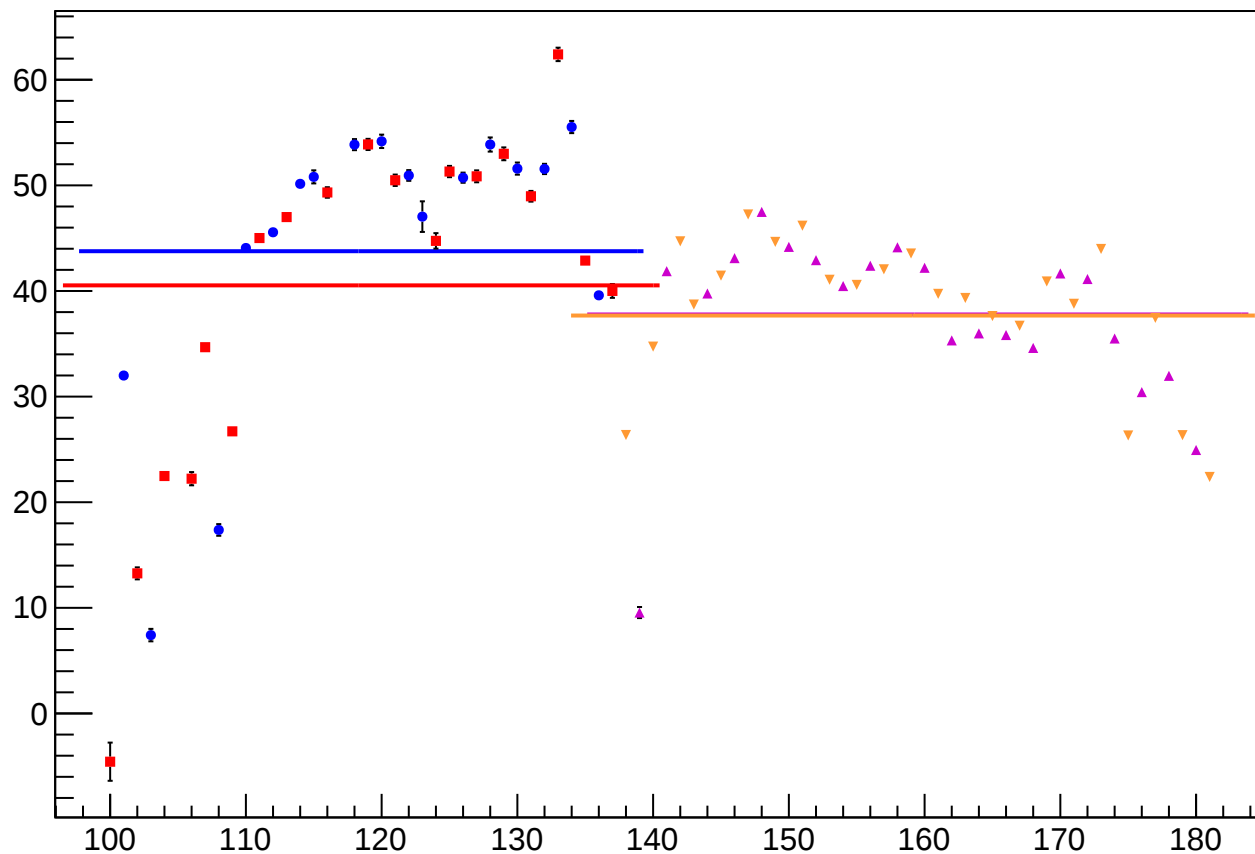
Right: -48.363 $\pm$ 0.081 χ^2 /NDF: 26406.2/35

In: -31.731 $\pm$ 0.052 χ^2 /NDF:73469.8/37

Out: -31.783 $\pm$ 0.049 χ^2 /NDF:85420.0/41

All: -31.759 $\pm$ 0.036 χ^2 /NDF: 158890.4/79

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: 37.676 $\pm$ 0.049 χ^2 /NDF: 20235.4/22

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 37.776 $\pm$ 0.051 χ^2 /NDF: 15303.4/20

Left: 37.724 $\pm$ 0.035 χ^2 /NDF: 35540.8/43

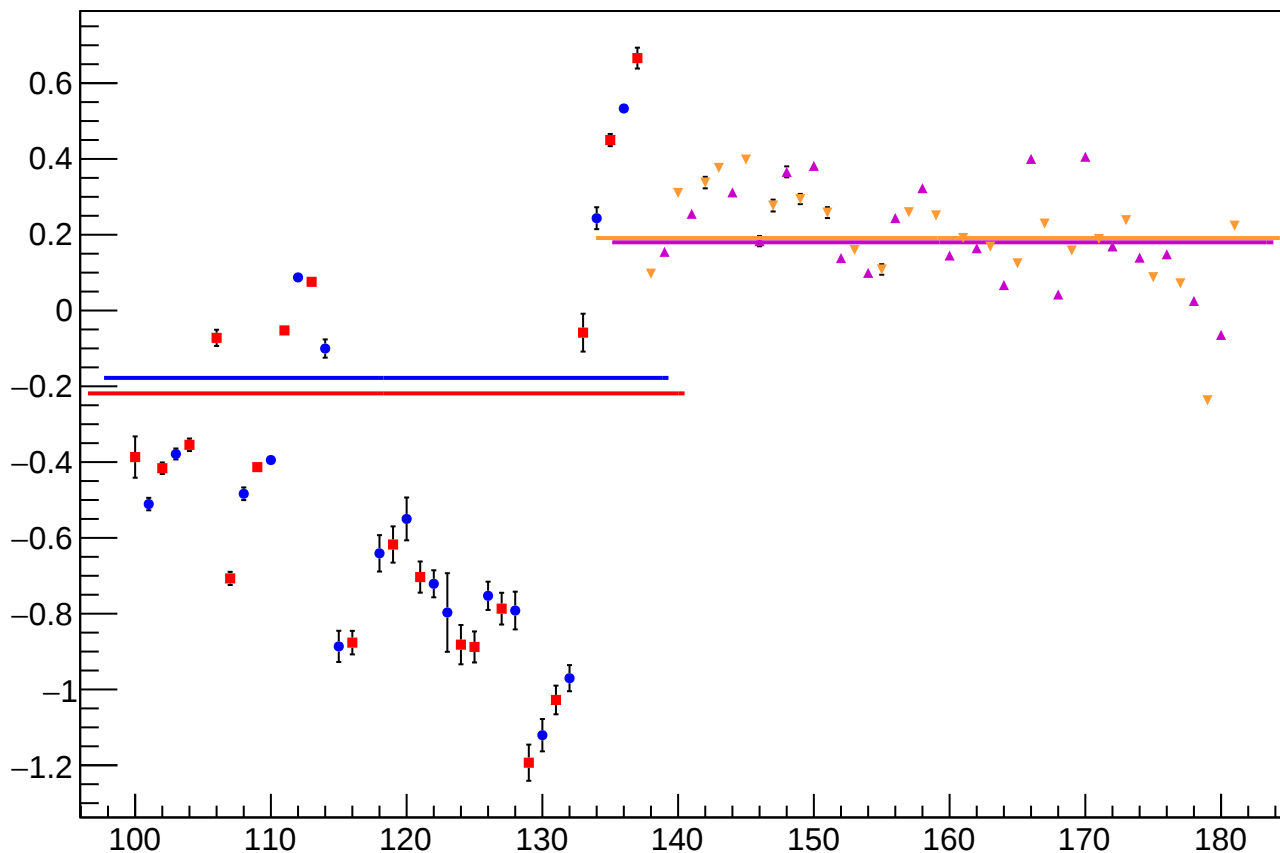
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 39.311 $\pm$ 0.044 χ^2 /NDF: 29478.9/37

Out: 38.445 $\pm$ 0.042 χ^2 /NDF: 38742.9/41

All: 38.855 $\pm$ 0.030 χ^2 /NDF: 68426.5/79

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 $\pm$ 0.005 χ^2 /NDF: 7364.4/16

Left Out: 0.191 $\pm$ 0.002 χ^2 /NDF:3290.2/22

Right Out: -0.219 $\pm$ 0.004 χ^2 /NDF: 7465.2/18

Left In: 0.180 $\pm$ 0.002 χ^2 /NDF:3030.9/20

Left: 0.186 $\pm$ 0.002 χ^2 /NDF: 6333.4/43

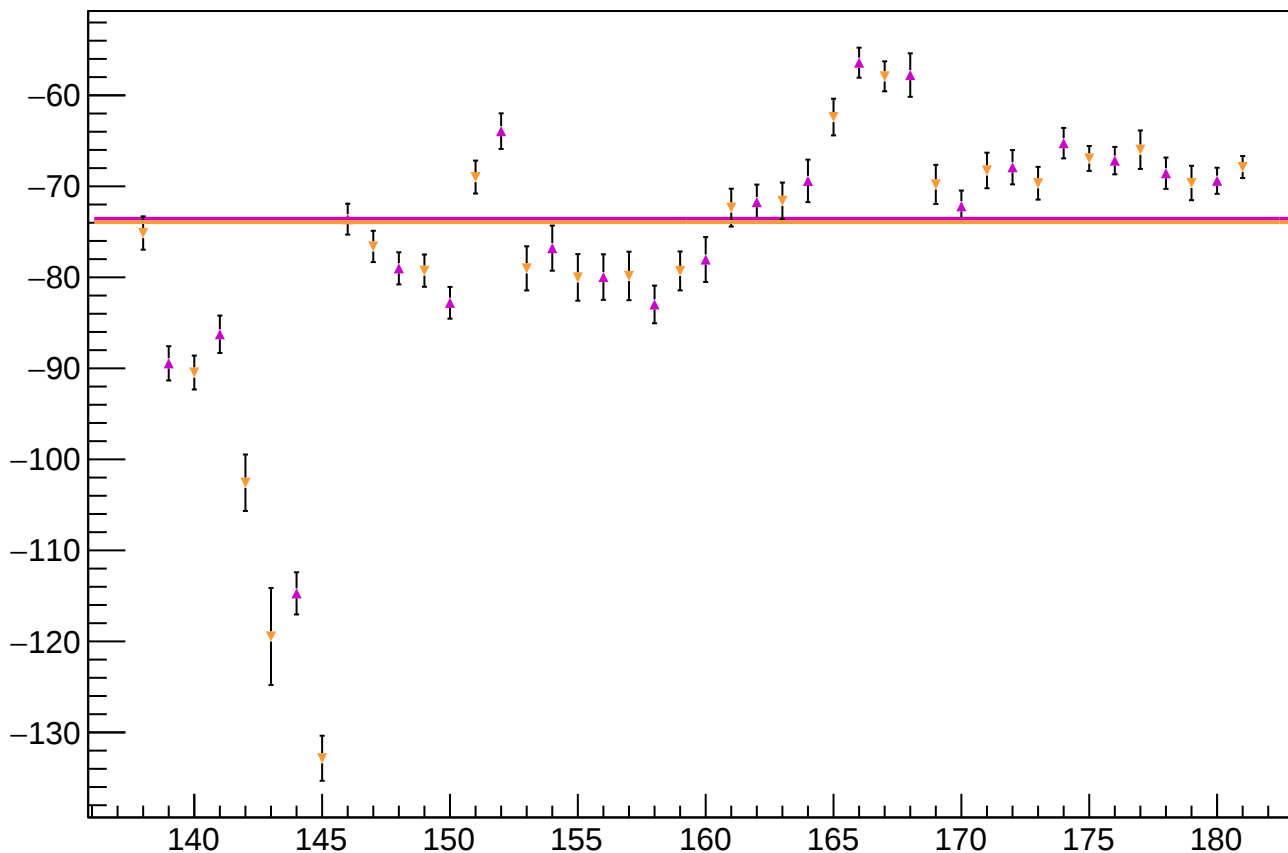
Right: -0.201 $\pm$ 0.003 χ^2 /NDF: 14869.5/35

In: 0.113 $\pm$ 0.002 χ^2 /NDF:14832.9/37

Out: 0.103 $\pm$ 0.002 χ^2 /NDF:17880.4/41

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 32726.1/79

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.569+/-0.411 χ^2/NDF :743.7/20

Left: -73.748+/-0.288 χ^2/NDF : 1805.4/43

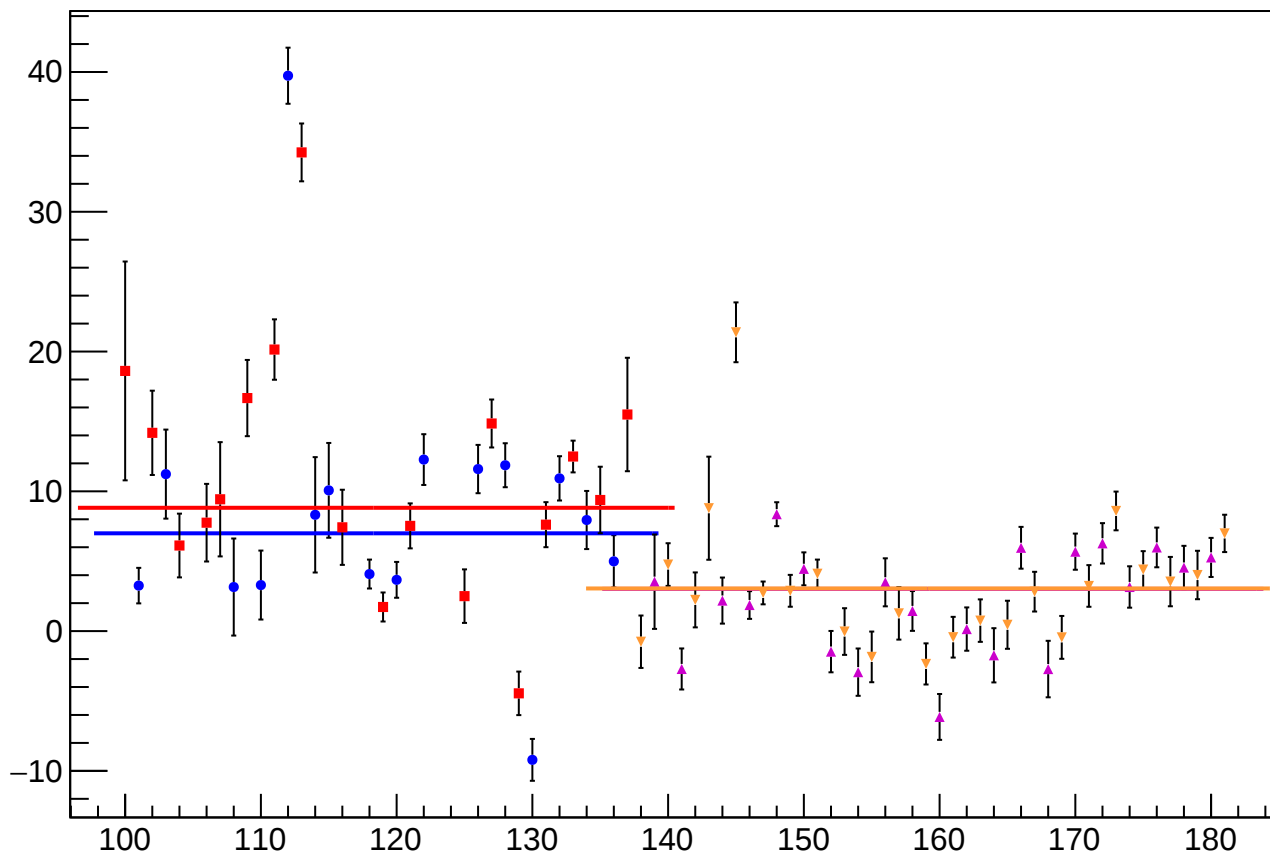
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.569+/-0.411 χ^2/NDF :743.7/20

Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

All: -73.748+/-0.288 χ^2/NDF : 1805.4/43

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.050 ± 0.304 $\chi^2/\text{NDF}: 149.4/22$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.020 ± 0.311 $\chi^2/\text{NDF}: 150.0/20$

Left: 3.035 ± 0.217 $\chi^2/\text{NDF}: 299.4/43$

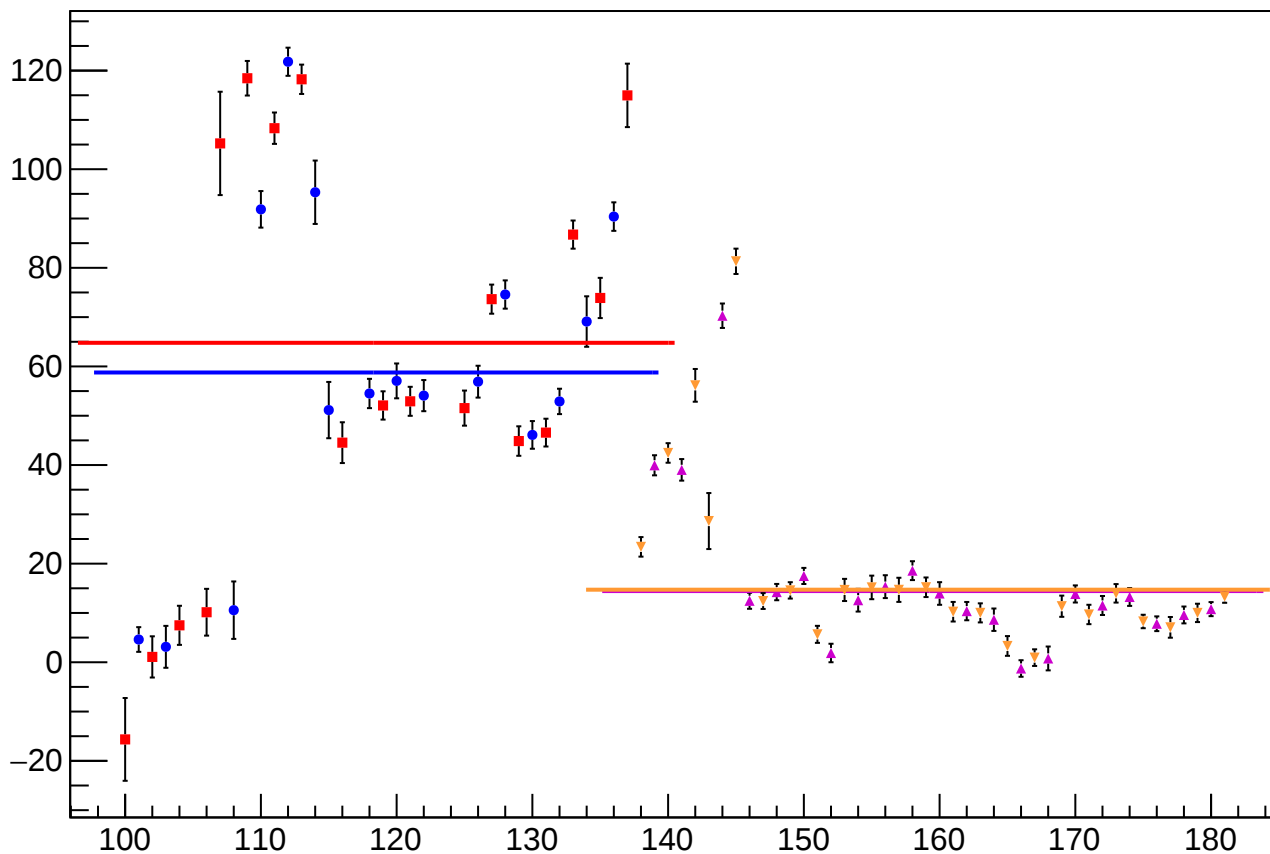
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.366 ± 0.253 $\chi^2/\text{NDF}: 650.8/36$

Out: 4.863 ± 0.251 $\chi^2/\text{NDF}: 613.3/40$

All: 4.616 ± 0.178 $\chi^2/\text{NDF}: 1266.0/77$

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: 14.717 $\pm$ 0.401 χ^2 /NDF:1240.6/22

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 14.437 $\pm$ 0.406 χ^2 /NDF:1014.0/20

Left: 14.579 $\pm$ 0.285 χ^2 /NDF: 2254.8/43

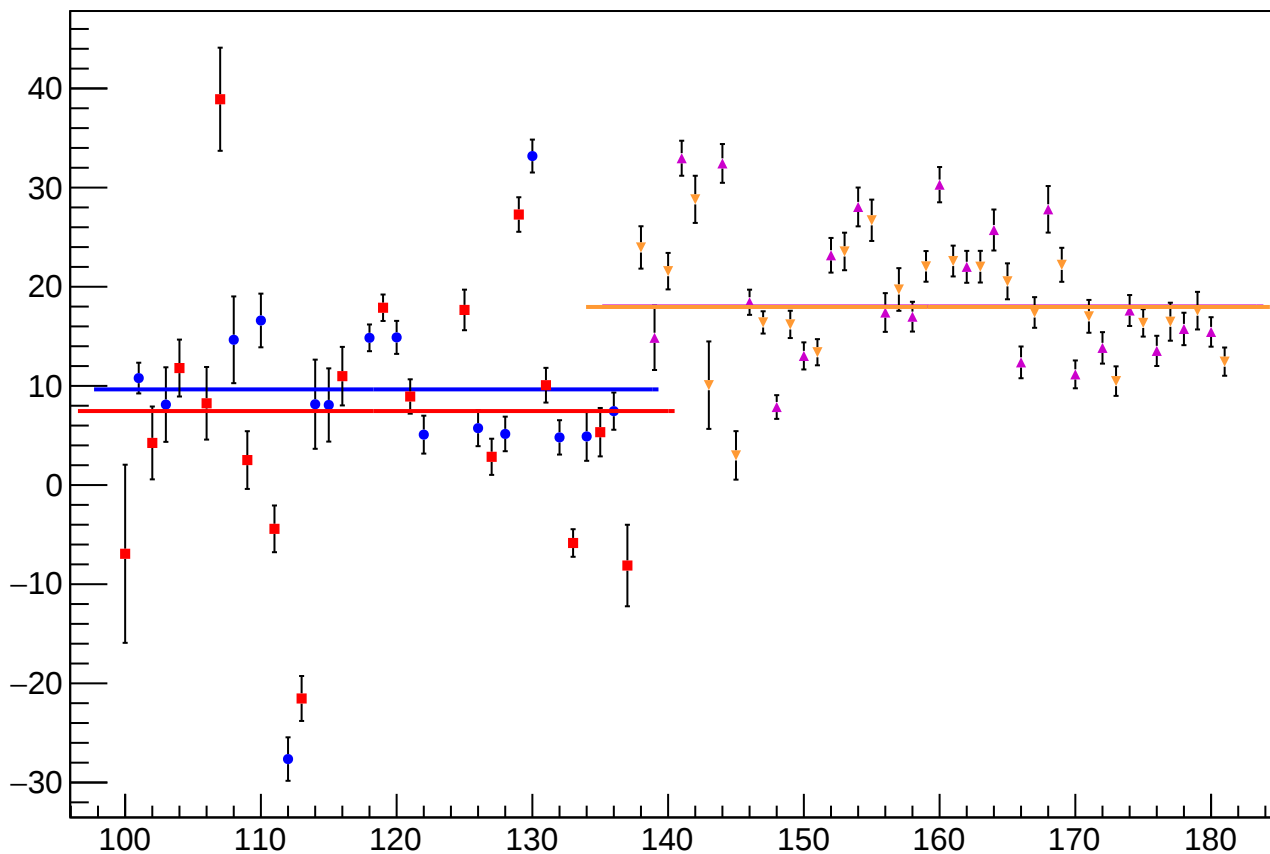
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 22.965 $\pm$ 0.365 χ^2 /NDF:4795.3/36

Out: 23.992 $\pm$ 0.362 χ^2 /NDF:5850.8/40

All: 23.483 $\pm$ 0.257 χ^2 /NDF: 10650.1/77

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 17.961 ± 0.349 $\chi^2/\text{NDF}: 188.9/22$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.015 ± 0.356 $\chi^2/\text{NDF}: 389.8/20$

Left: 17.988 ± 0.249 $\chi^2/\text{NDF}: 578.7/43$

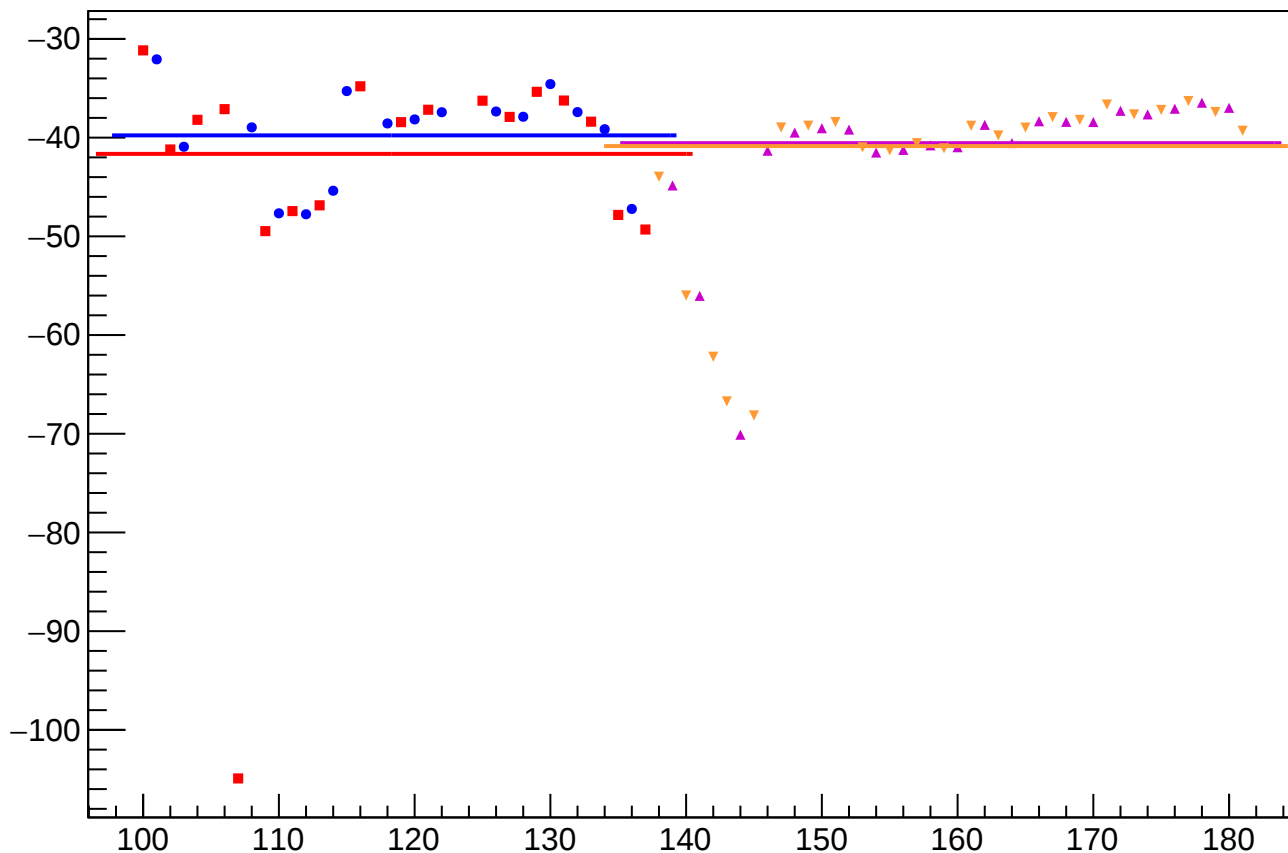
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.219 ± 0.290 $\chi^2/\text{NDF}: 1128.2/36$

Out: 14.660 ± 0.289 $\chi^2/\text{NDF}: 1040.0/40$

All: 14.938 ± 0.205 $\chi^2/\text{NDF}: 2170.1/77$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -40.857 ± 0.016 χ^2/NDF : 163669.6/22

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -40.563 ± 0.016 χ^2/NDF : 124728.3/20

Left: -40.710 ± 0.012 χ^2/NDF : 288557.1/43

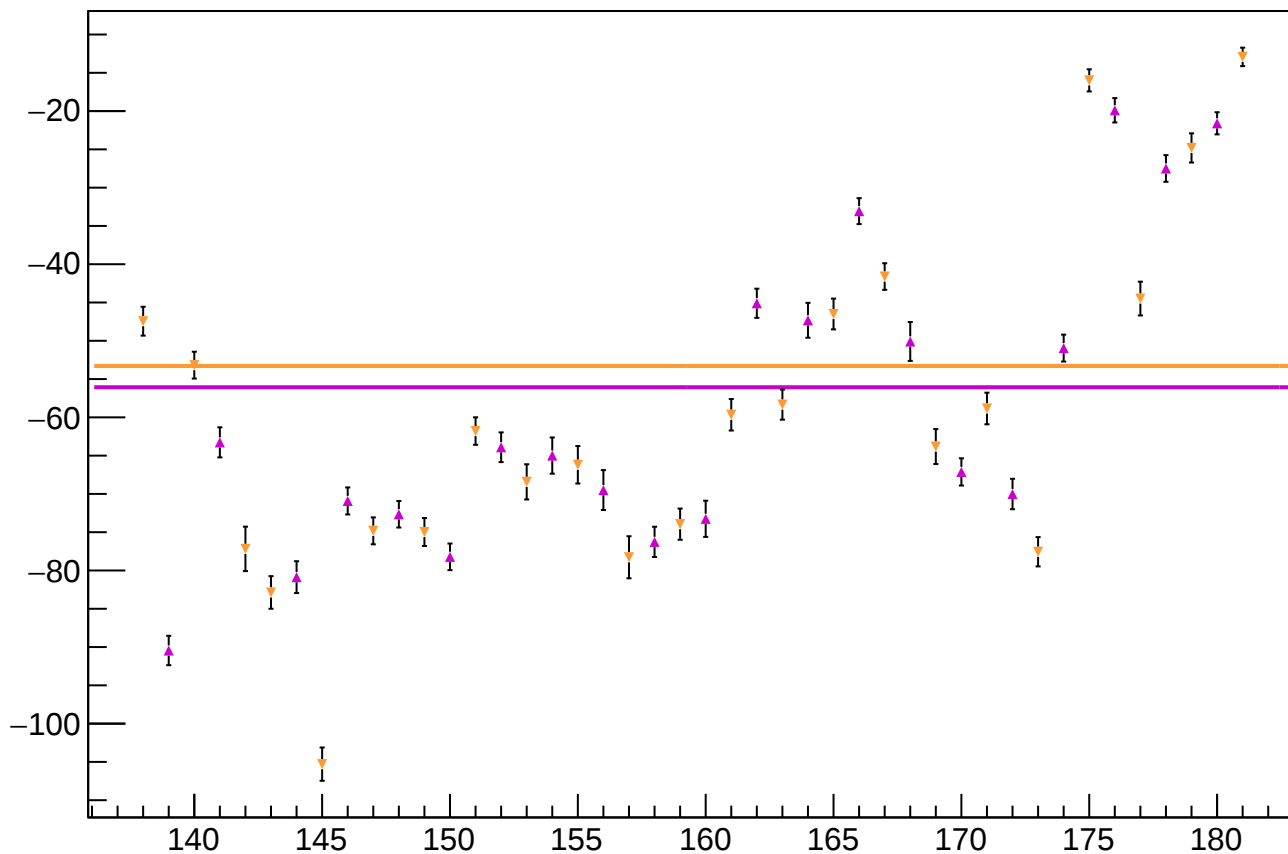
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -40.391 ± 0.015 χ^2/NDF : 151412.0/36

Out: -41.029 ± 0.015 χ^2/NDF : 258686.5/40

All: -40.709 ± 0.010 χ^2/NDF : 411061.6/77

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.294+/-0.400 χ^2/NDF :3702.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.065+/-0.414 χ^2/NDF :2704.6/20

Left: -54.633+/-0.288 χ^2/NDF : 6430.3/43

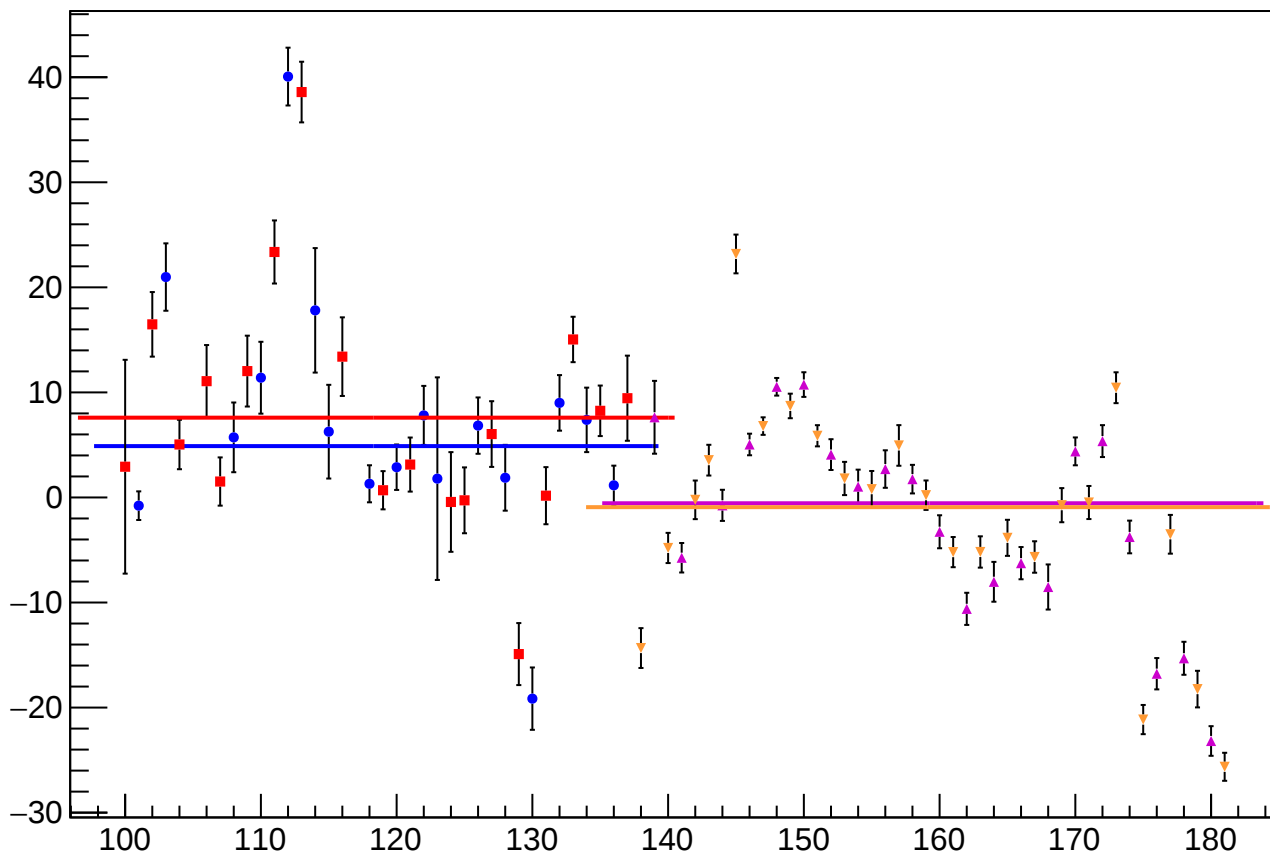
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.065+/-0.414 χ^2/NDF :2704.6/20

Out: -53.294+/-0.400 χ^2/NDF :3702.5/22

All: -54.633+/-0.288 χ^2/NDF : 6430.3/43

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: -0.924 ± 0.299 $\chi^2/\text{NDF}: 1196.2/22$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: -0.552 ± 0.311 $\chi^2/\text{NDF}: 920.0/20$

Left: -0.745 ± 0.216 $\chi^2/\text{NDF}: 2116.9/43$

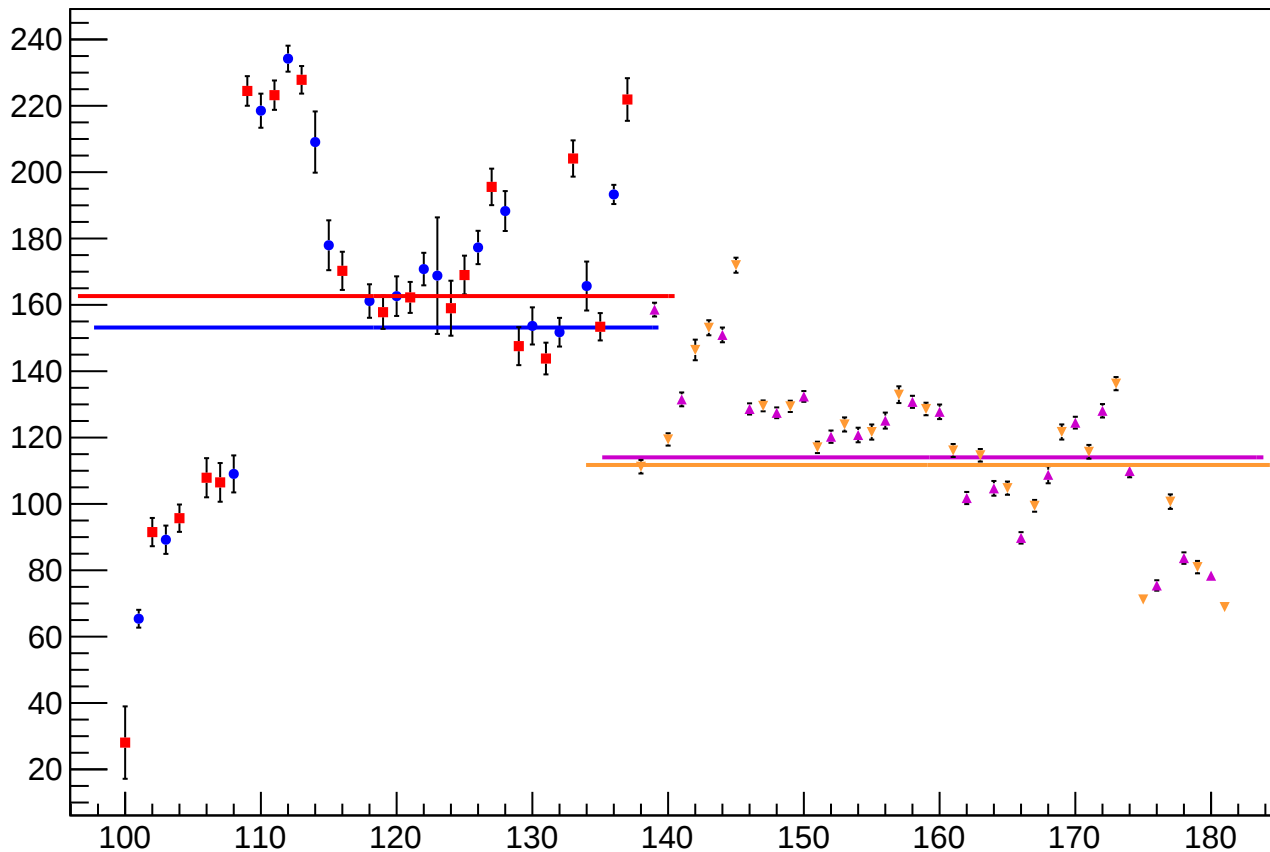
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: 0.533 ± 0.278 $\chi^2/\text{NDF}: 1276.0/37$

Out: 0.564 ± 0.272 $\chi^2/\text{NDF}: 1607.0/41$

All: 0.549 ± 0.194 $\chi^2/\text{NDF}: 2882.9/79$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 ± 1.146 $\chi^2/\text{NDF}: 2264.3/16$

Left Out: 111.741 ± 0.398 $\chi^2/\text{NDF}: 4108.3/22$

Right Out: 162.650 ± 1.176 $\chi^2/\text{NDF}: 1708.7/18$

Left In: 114.040 ± 0.409 $\chi^2/\text{NDF}: 3116.5/20$

Left: 112.861 ± 0.285 $\chi^2/\text{NDF}: 7241.0/43$

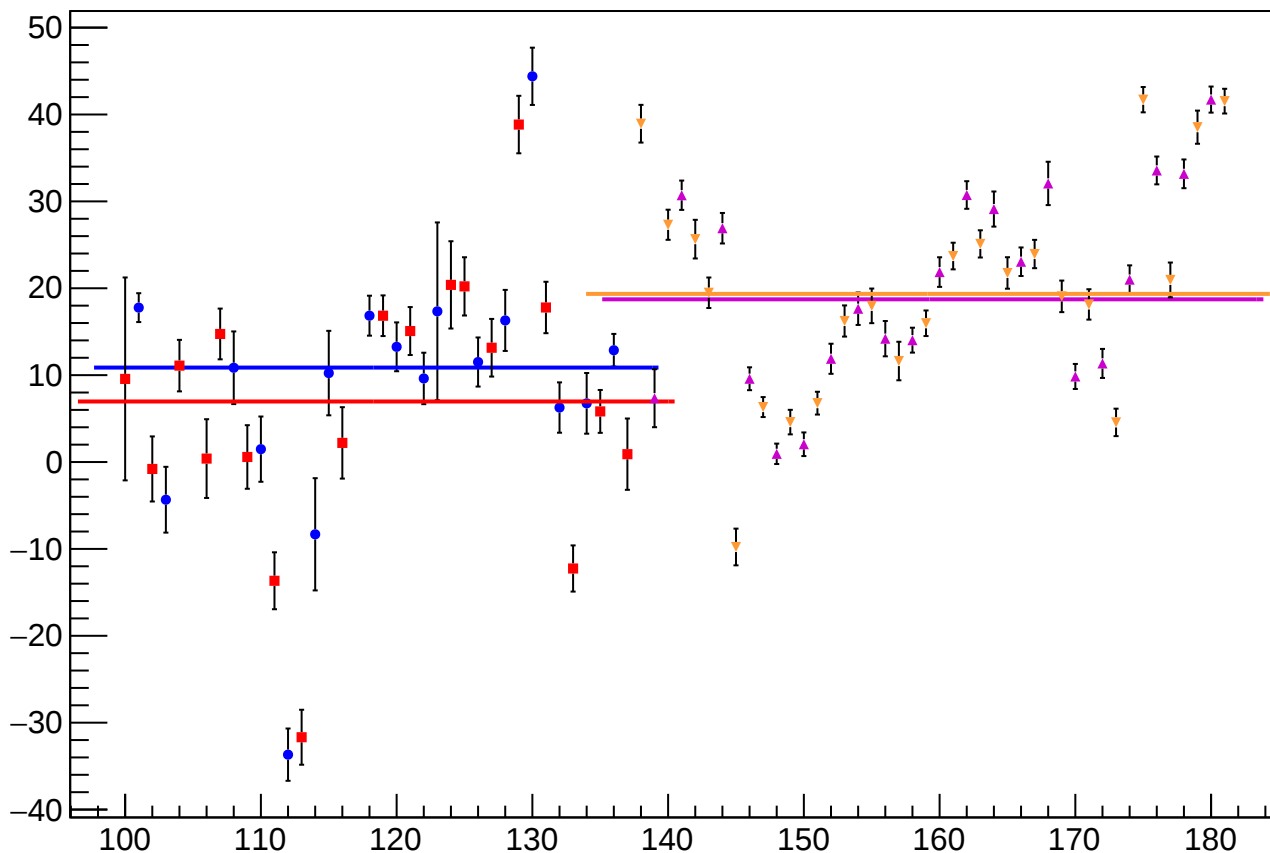
Right: 157.790 ± 0.821 $\chi^2/\text{NDF}: 4006.2/35$

In: 118.451 ± 0.385 $\chi^2/\text{NDF}: 6414.7/37$

Out: 116.972 ± 0.377 $\chi^2/\text{NDF}: 7497.6/41$

All: 117.696 ± 0.269 $\chi^2/\text{NDF}: 13919.8/79$

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: 19.352 $\pm$ 0.345 χ^2 /NDF:1350.5/22

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 18.727 $\pm$ 0.356 χ^2 /NDF:1122.3/20

Left: 19.049 $\pm$ 0.248 χ^2 /NDF: 2474.4/43

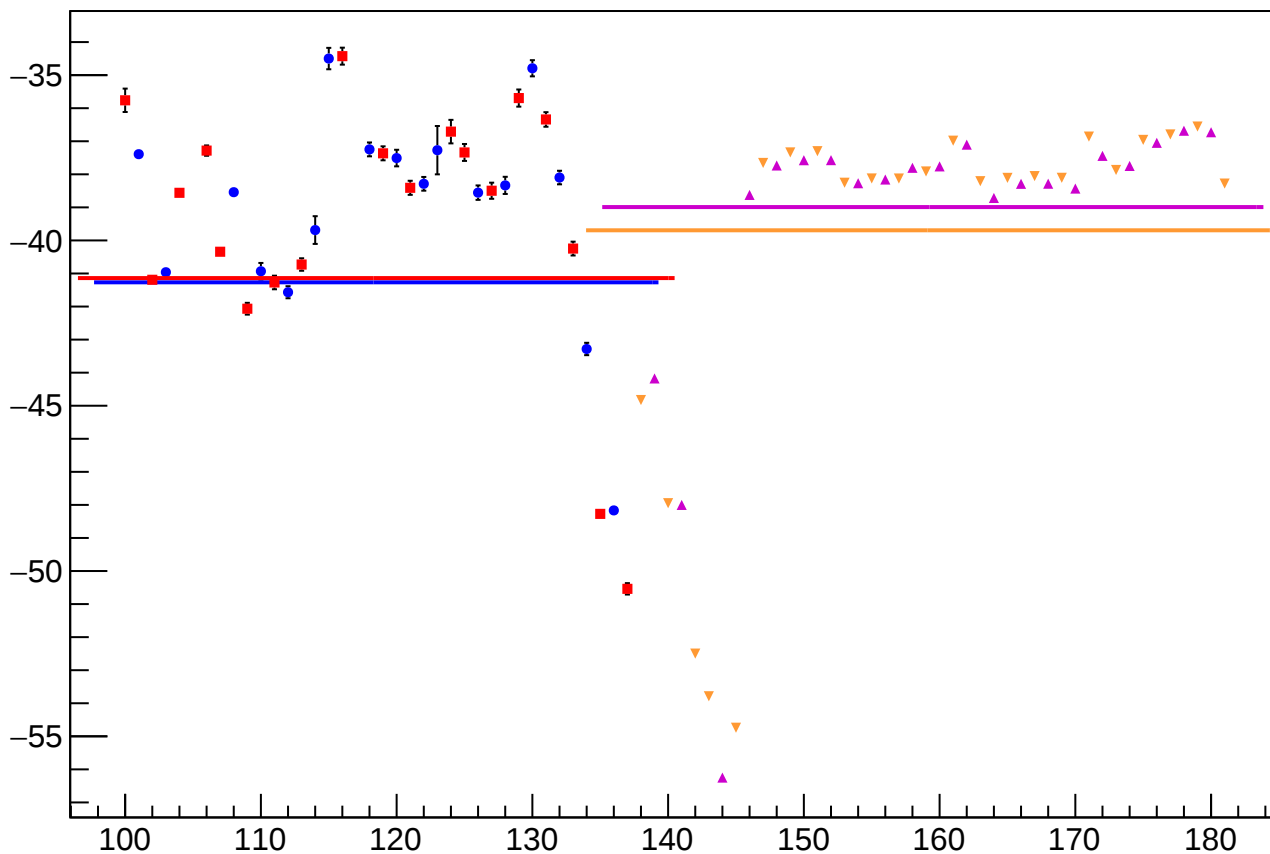
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 17.164 $\pm$ 0.319 χ^2 /NDF:1605.8/37

Out: 17.177 $\pm$ 0.313 χ^2 /NDF:1999.0/41

All: 17.170 $\pm$ 0.223 χ^2 /NDF: 3604.8/79

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -39.694 ± 0.016 χ^2/NDF : 90821.8/22

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -38.991 ± 0.017 χ^2/NDF : 53931.0/20

Left: -39.346 ± 0.012 χ^2/NDF : 145668.4/43

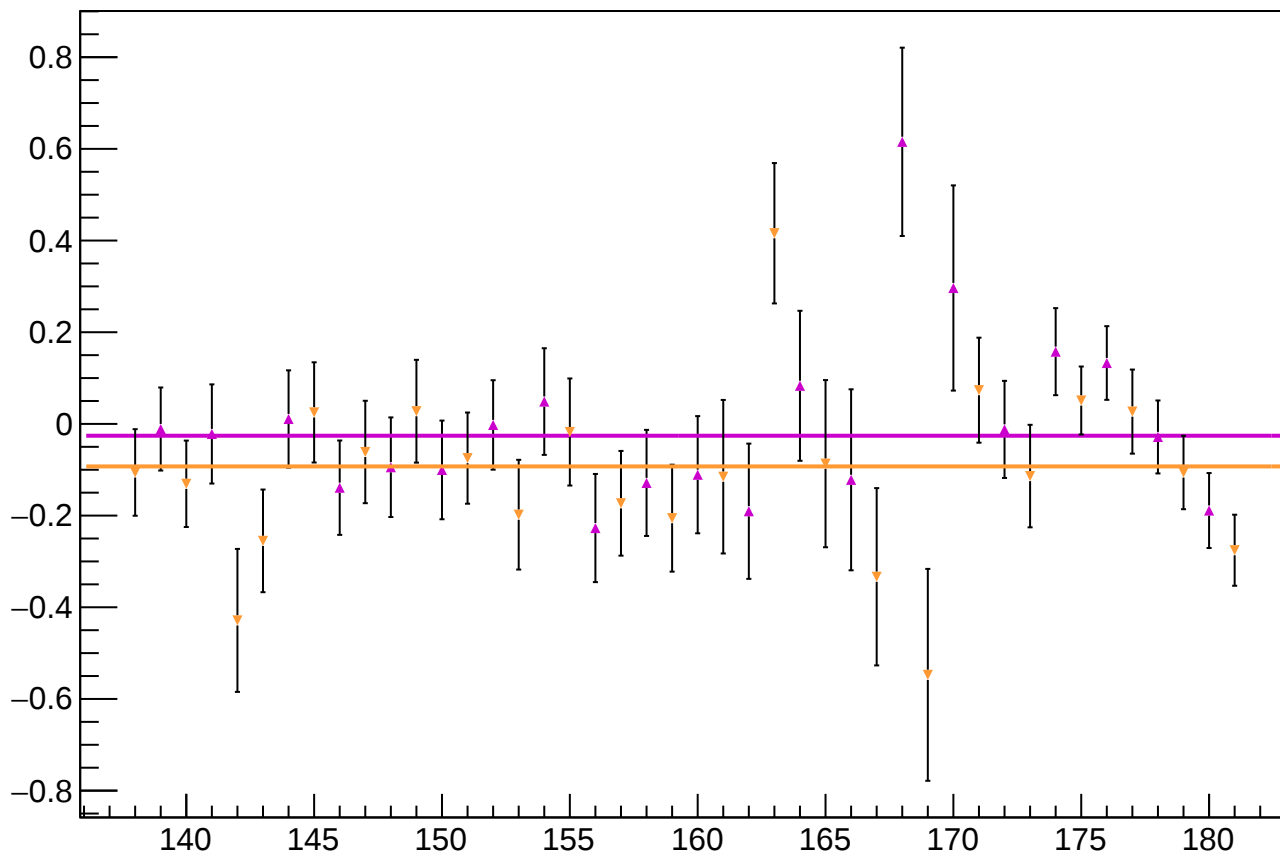
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -39.344 ± 0.015 χ^2/NDF : 69462.2/37

Out: -39.913 ± 0.015 χ^2/NDF : 104252.8/41

All: -39.631 ± 0.011 χ^2/NDF : 174423.4/79

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: -0.093 $\pm$ 0.023 χ^2 /NDF:41.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.026 $\pm$ 0.024 χ^2 /NDF:32.2/20

Left: -0.061 $\pm$ 0.016 χ^2 /NDF: 78.0/43

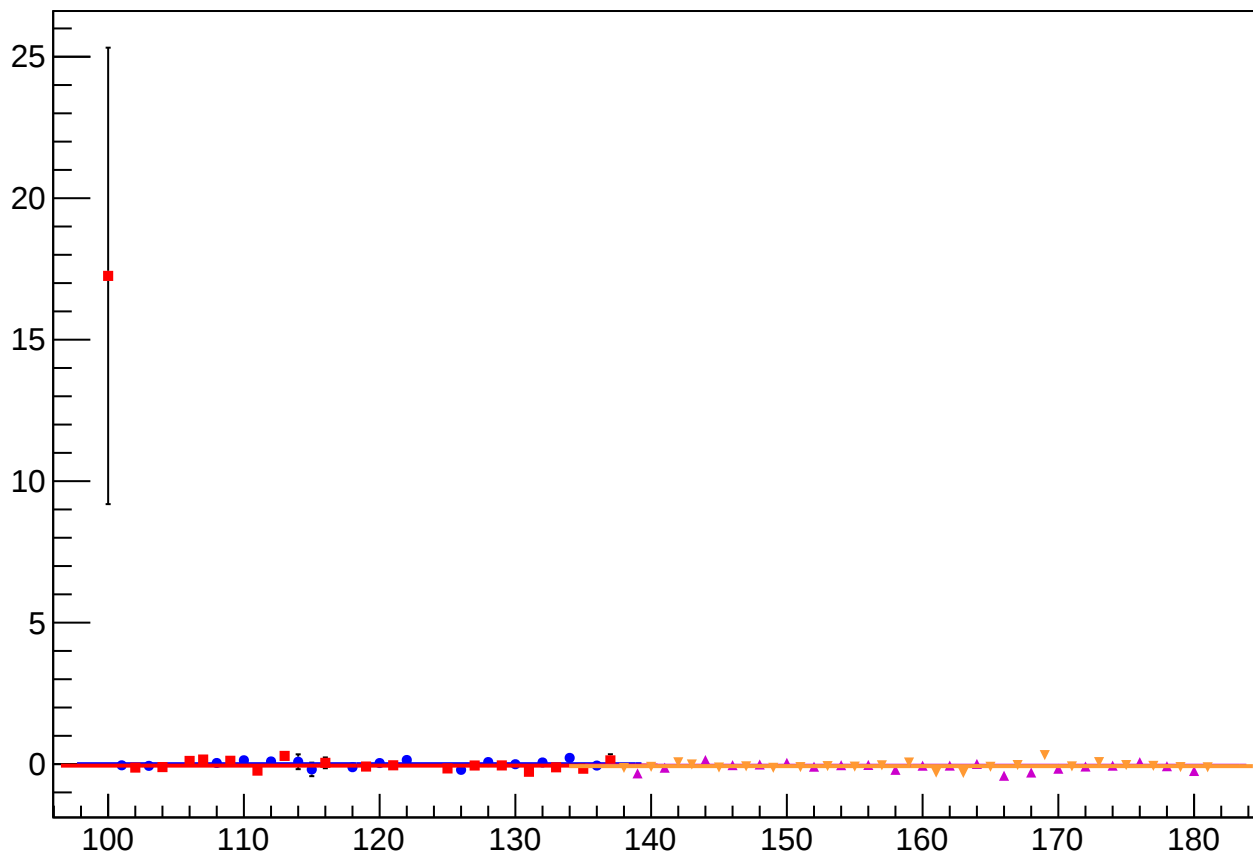
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.026 $\pm$ 0.024 χ^2 /NDF:32.2/20

Out: -0.093 $\pm$ 0.023 χ^2 /NDF:41.6/22

All: -0.061 $\pm$ 0.016 χ^2 /NDF: 78.0/43

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.072 ± 0.017 χ^2/NDF : 24.0/22

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.056 ± 0.018 χ^2/NDF : 31.7/20

Left: -0.064 ± 0.013 χ^2/NDF : 56.1/43

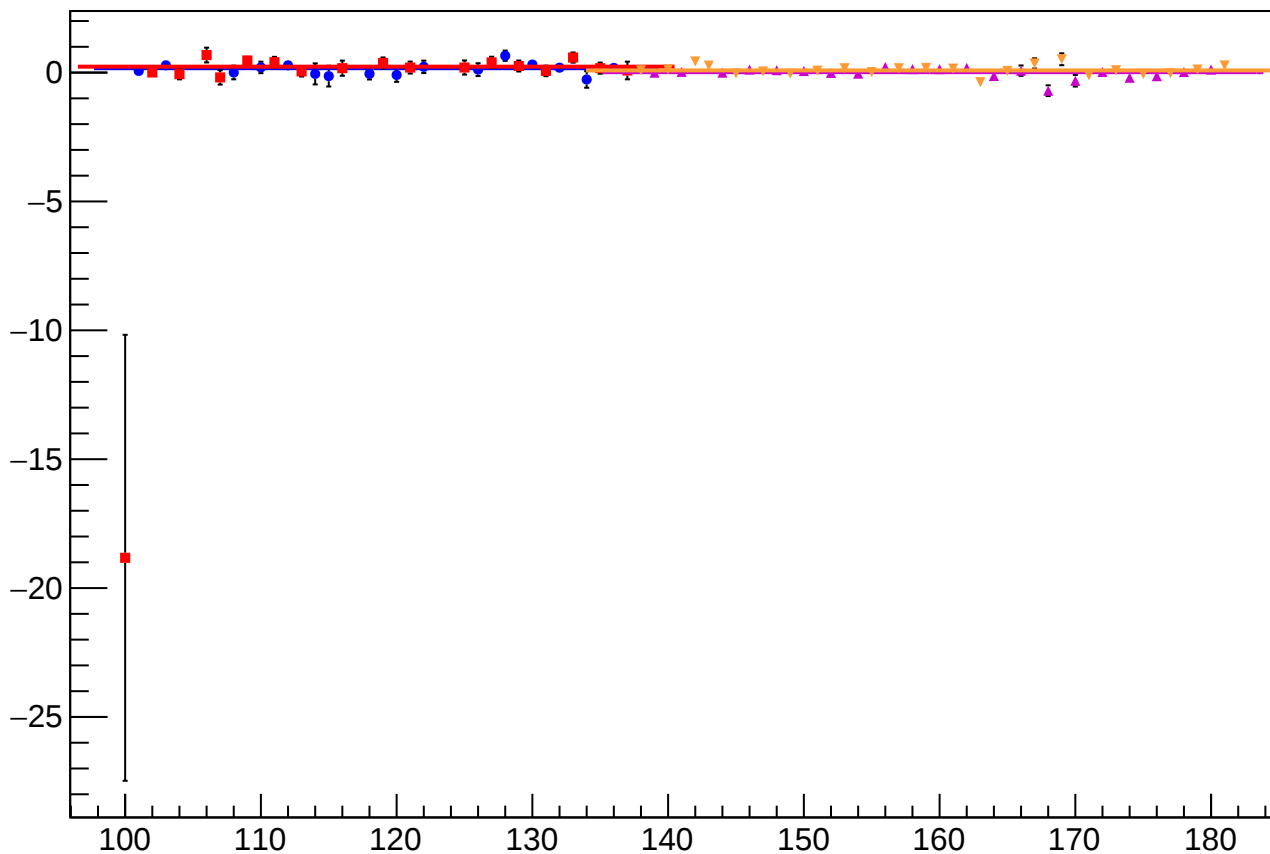
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.040 ± 0.015 χ^2/NDF : 46.5/36

Out: -0.067 ± 0.015 χ^2/NDF : 49.9/40

All: -0.054 ± 0.011 χ^2/NDF : 97.9/77

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.084 $\pm$ 0.023 χ^2 /NDF:40.5/22

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.016 $\pm$ 0.024 χ^2 /NDF:34.1/20

Left: 0.051 $\pm$ 0.016 χ^2 /NDF: 78.9/43

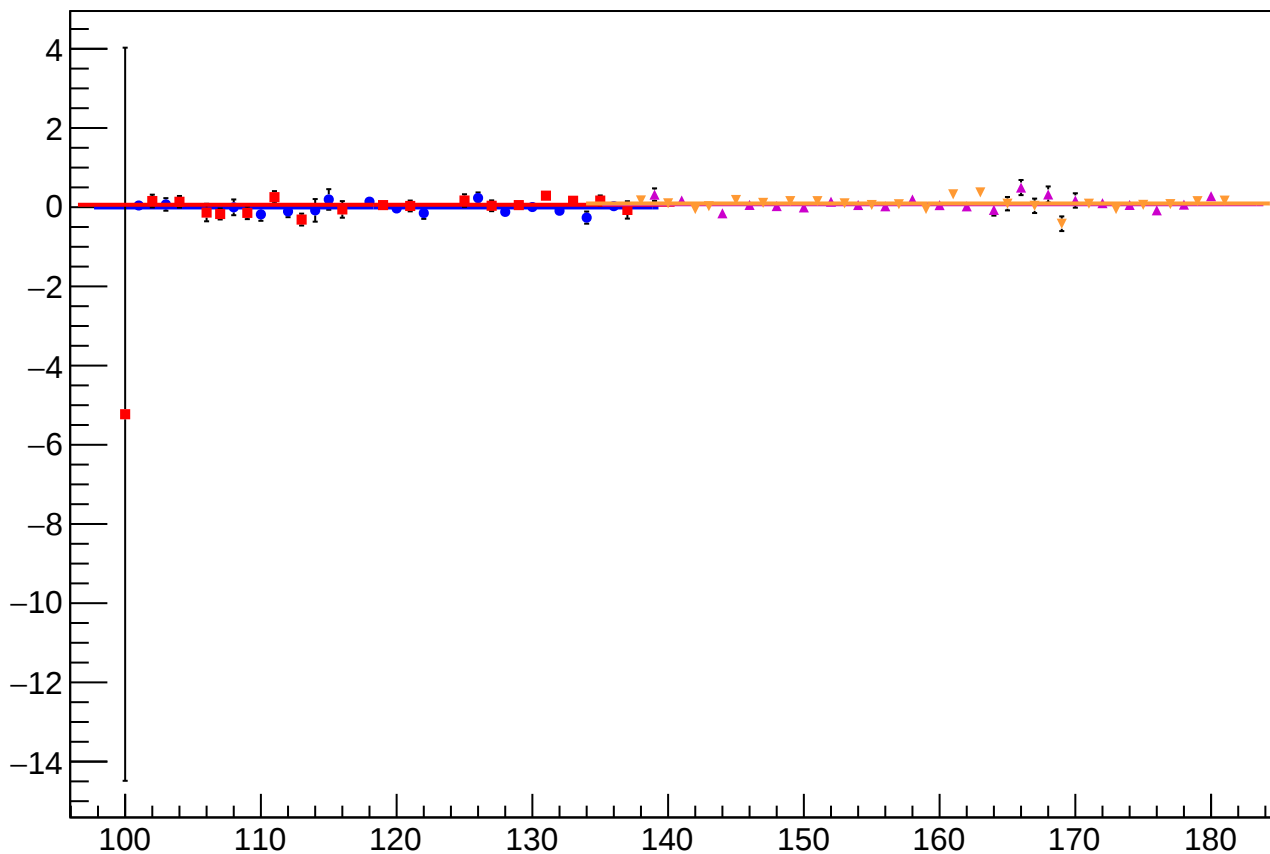
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.042 $\pm$ 0.021 χ^2 /NDF:54.3/36

Out: 0.106 $\pm$ 0.021 χ^2 /NDF:68.3/40

All: 0.075 $\pm$ 0.015 χ^2 /NDF: 127.2/77

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.094 ± 0.020 χ^2/NDF : 27.2/22

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.074 ± 0.021 χ^2/NDF : 31.4/20

Left: 0.084 ± 0.014 χ^2/NDF : 59.1/43

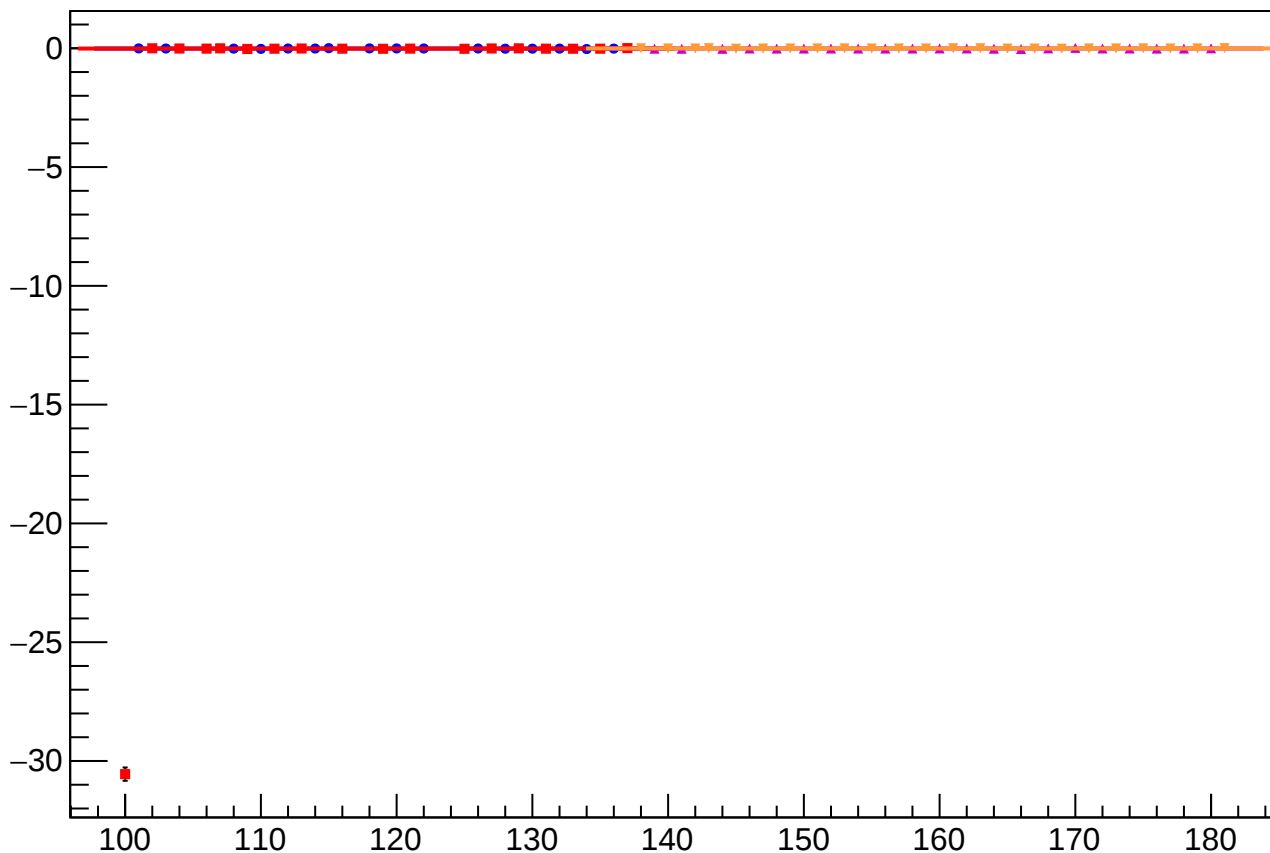
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.050 ± 0.018 χ^2/NDF : 49.0/36

Out: 0.086 ± 0.017 χ^2/NDF : 48.2/40

All: 0.068 ± 0.012 χ^2/NDF : 99.2/77

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.007 $\pm$ 0.001 χ^2 /NDF:29.3/22

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:37.6/20

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 69.8/43

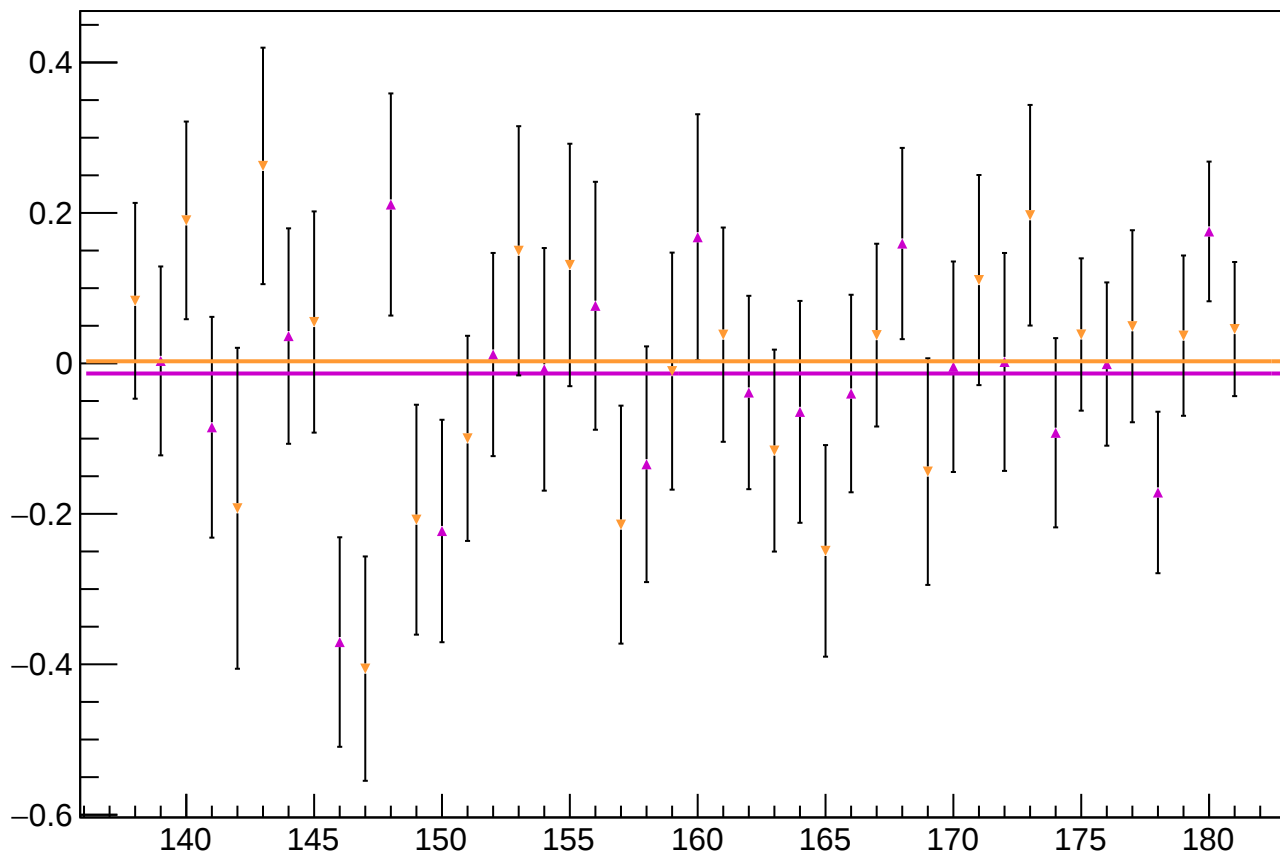
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:51.9/36

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:11925.8/40

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 11980.0/77

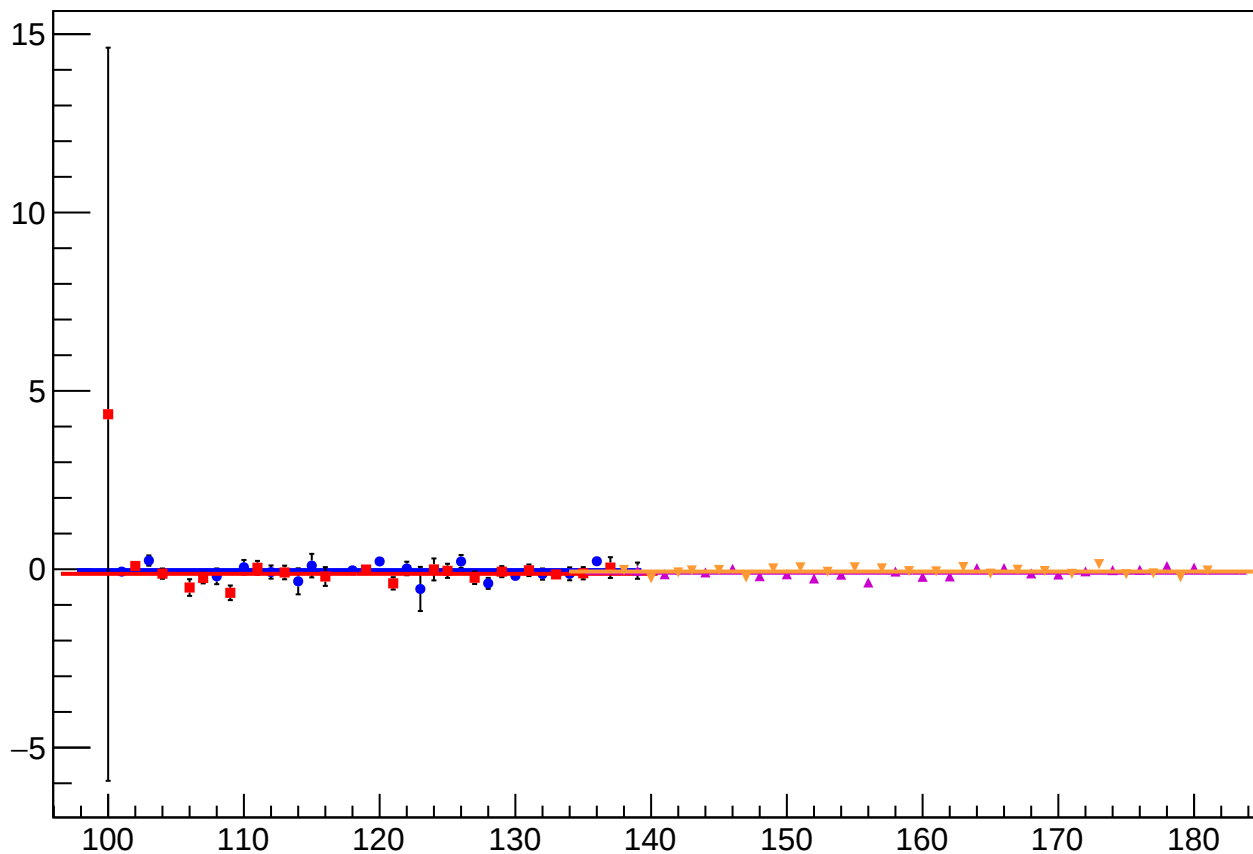
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.013 $\pm$ 0.029 χ^2 /NDF:22.2/20

Left: -0.005 $\pm$ 0.020 χ^2 /NDF: 49.8/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.013 $\pm$ 0.029 χ^2 /NDF:22.2/20
 Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22
 All: -0.005 $\pm$ 0.020 χ^2 /NDF: 49.8/43

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.064 ± 0.022 χ^2/NDF : 23.3/22

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.098 ± 0.023 χ^2/NDF : 24.6/20

Left: -0.080 ± 0.016 χ^2/NDF : 49.0/43

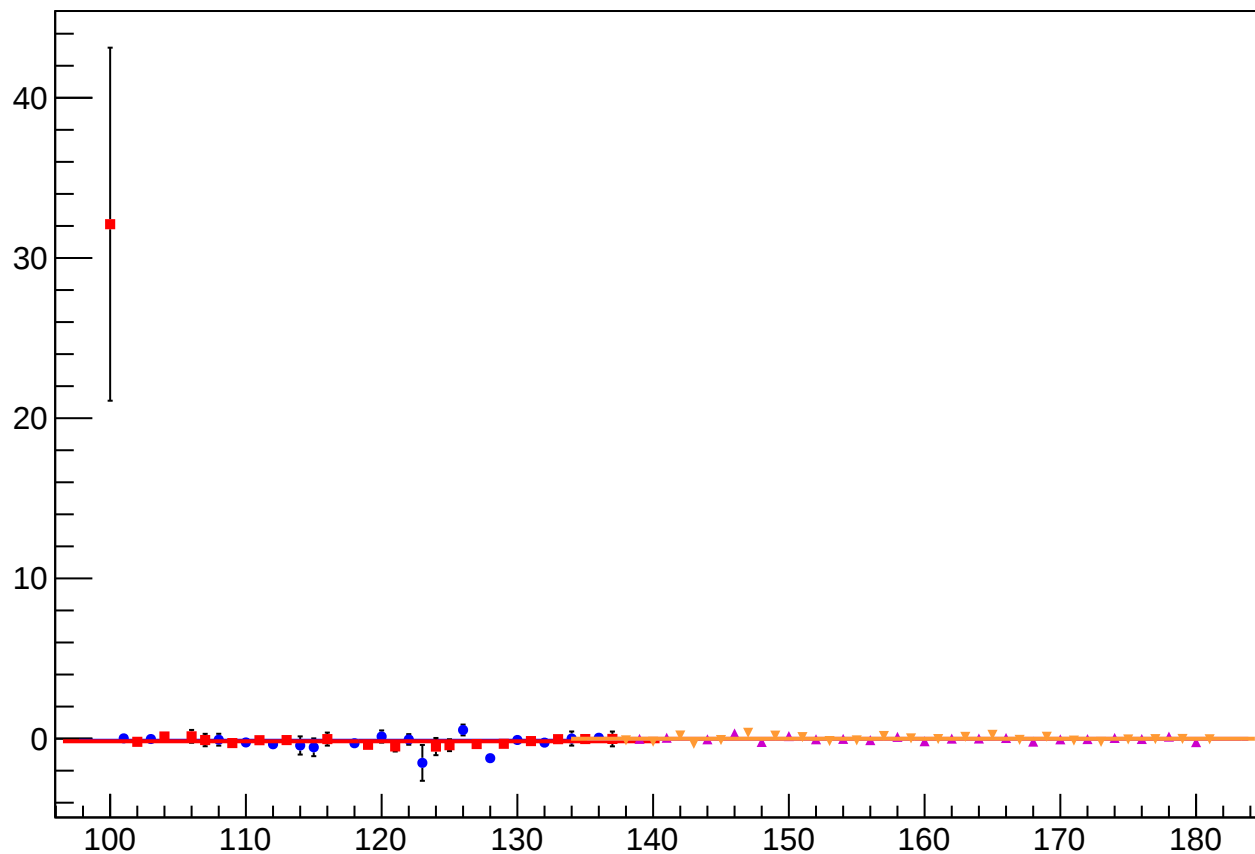
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.077 ± 0.019 χ^2/NDF : 50.0/37

Out: -0.079 ± 0.019 χ^2/NDF : 44.1/41

All: -0.078 ± 0.014 χ^2/NDF : 94.1/79

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.007 ± 0.028 χ^2/NDF : 26.8/22

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.016 ± 0.029 χ^2/NDF : 21.0/20

Left: -0.012 ± 0.020 χ^2/NDF : 47.8/43

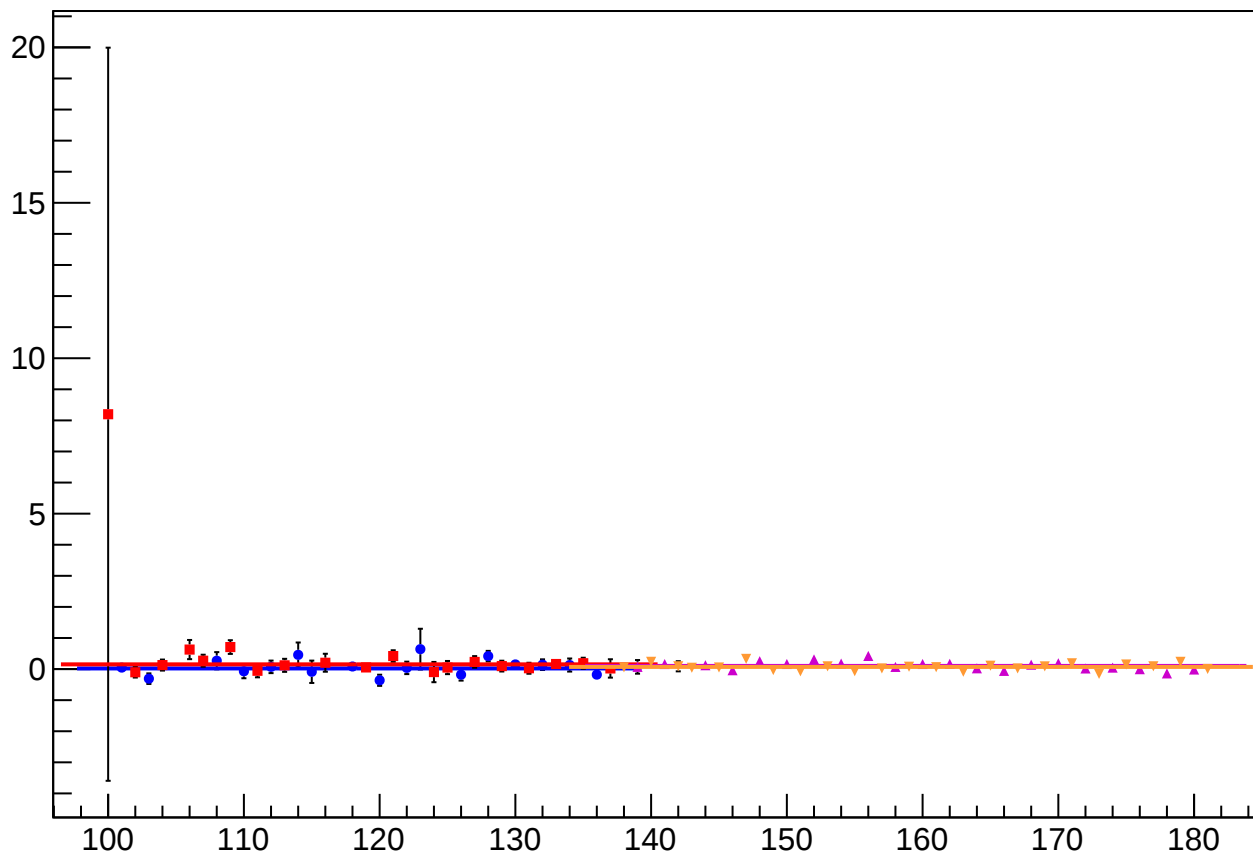
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.035 ± 0.026 χ^2/NDF : 49.3/37

Out: -0.029 ± 0.026 χ^2/NDF : 45.9/41

All: -0.032 ± 0.019 χ^2/NDF : 95.2/79

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.070+/-0.025 χ^2/NDF :22.8/22

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.101+/-0.026 χ^2/NDF :26.0/20

Left: 0.085+/-0.018 χ^2/NDF : 49.6/43

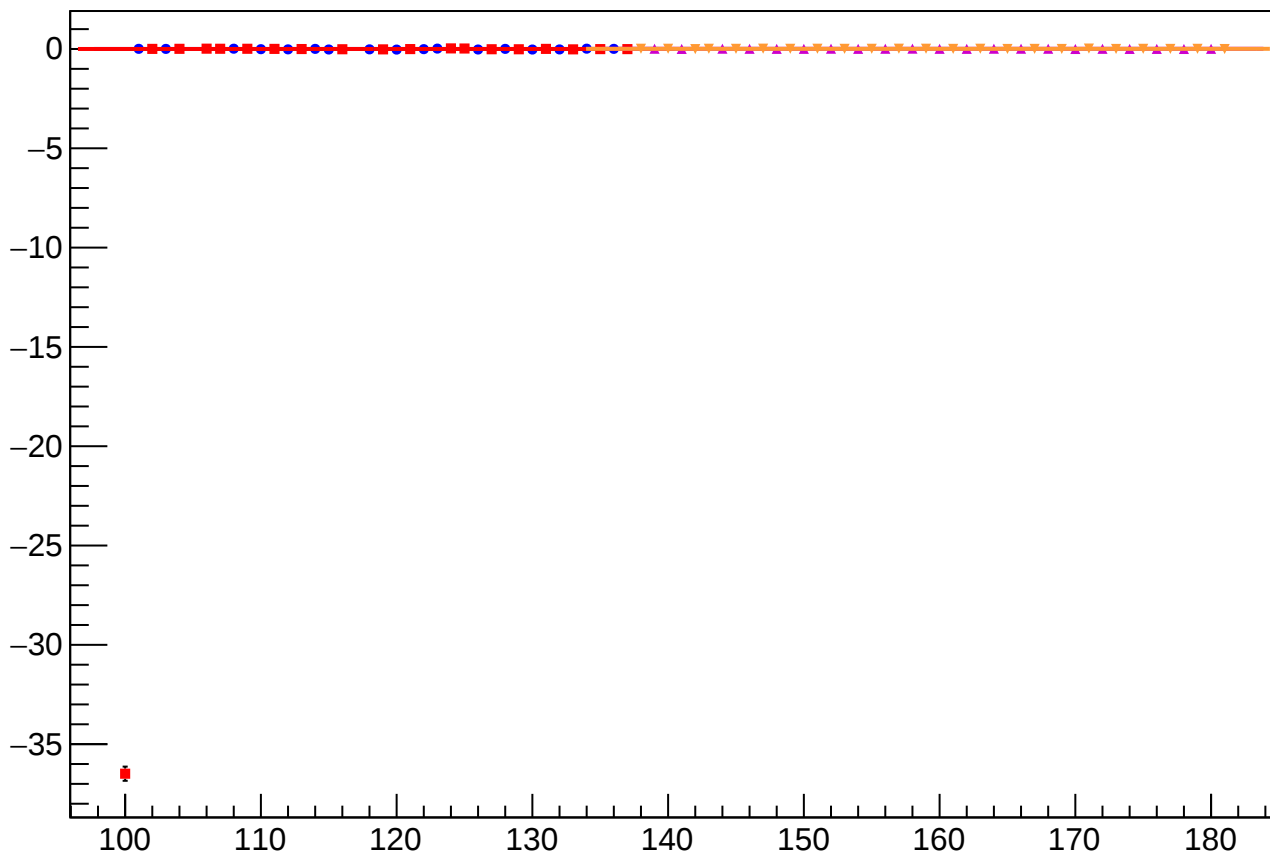
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.080+/-0.022 χ^2/NDF :50.5/37

Out: 0.088+/-0.022 χ^2/NDF :42.6/41

All: 0.084+/-0.015 χ^2/NDF : 93.2/79

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF : 32.0/16

Left Out: 0.009+/-0.001 χ^2/NDF : 24.7/22

Right Out: 0.001+/-0.002 χ^2/NDF : 10449.2/18

Left In: 0.009+/-0.001 χ^2/NDF : 15.2/20

Left: 0.009+/-0.001 χ^2/NDF : 40.1/43

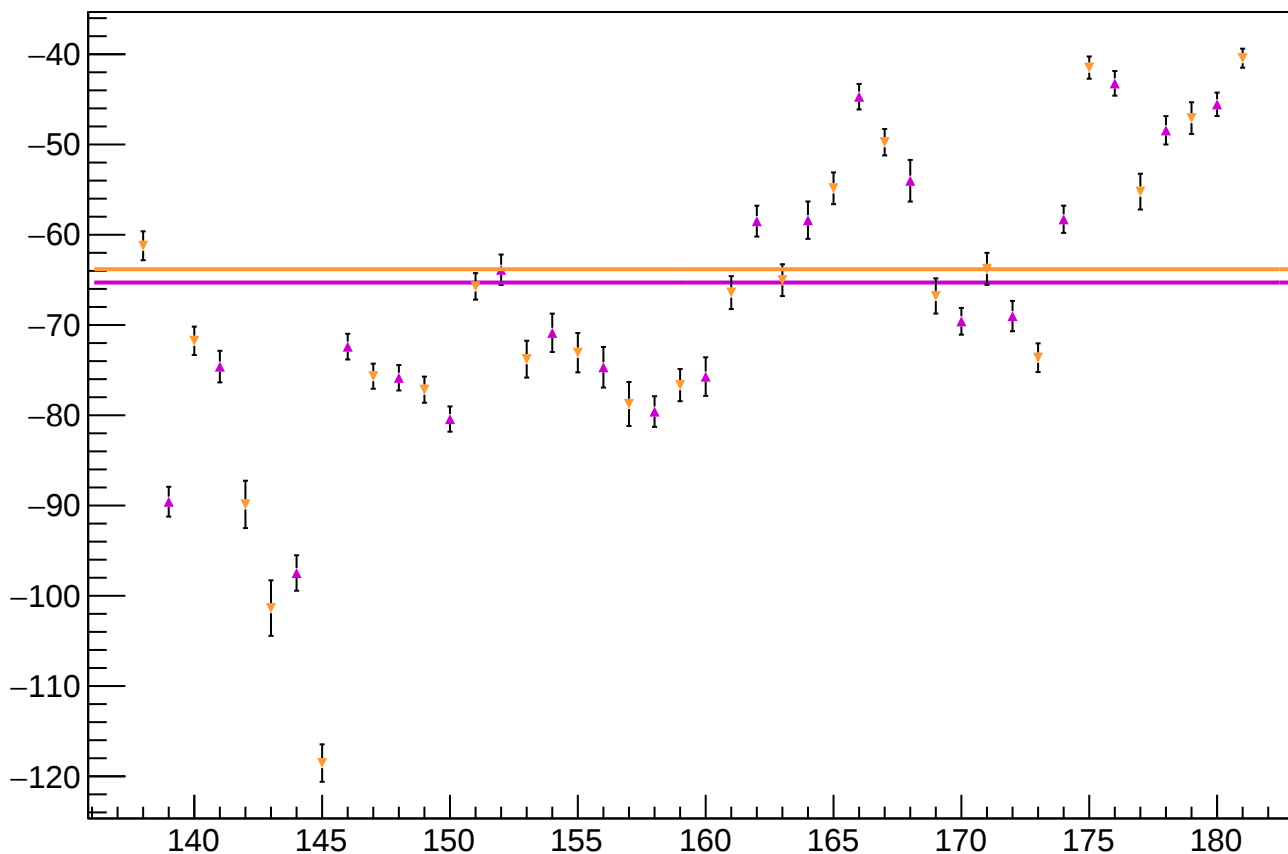
Right: 0.001+/-0.002 χ^2/NDF : 10481.2/35

In: 0.007+/-0.001 χ^2/NDF : 57.9/37

Out: 0.007+/-0.001 χ^2/NDF : 10483.3/41

All: 0.007+/-0.001 χ^2/NDF : 10541.3/79

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: -63.817+/-0.349 χ^2 /NDF:2351.0/22

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -65.292+/-0.357 χ^2 /NDF:1737.5/20

Left: -64.539+/-0.250 χ^2 /NDF: 4097.2/43

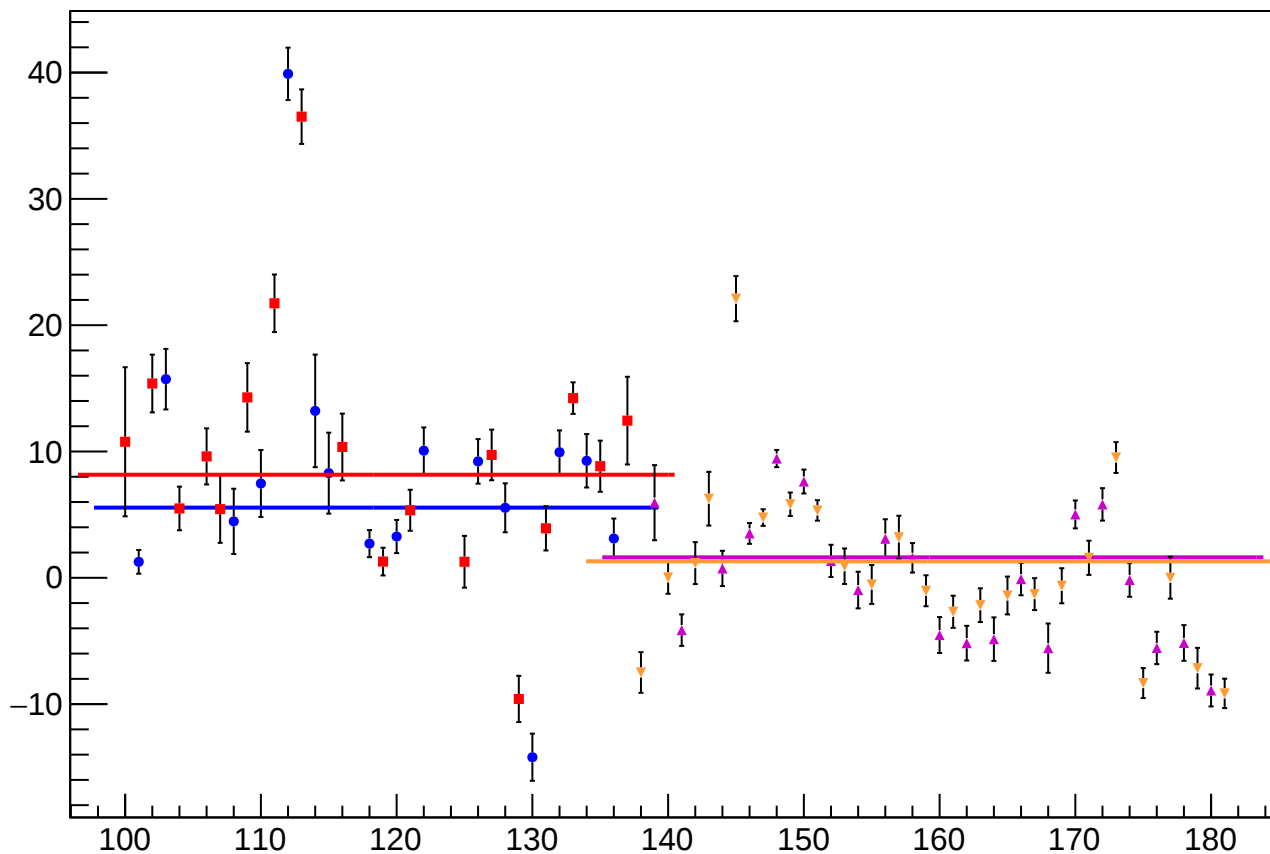
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -65.292+/-0.357 χ^2 /NDF:1737.5/20

Out: -63.817+/-0.349 χ^2 /NDF:2351.0/22

All: -64.539+/-0.250 χ^2 /NDF: 4097.2/43

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: 1.306 ± 0.258 $\chi^2/\text{NDF}: 500.2/22$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 1.623 ± 0.265 $\chi^2/\text{NDF}: 423.8/20$

Left: 1.460 ± 0.185 $\chi^2/\text{NDF}: 924.7/43$

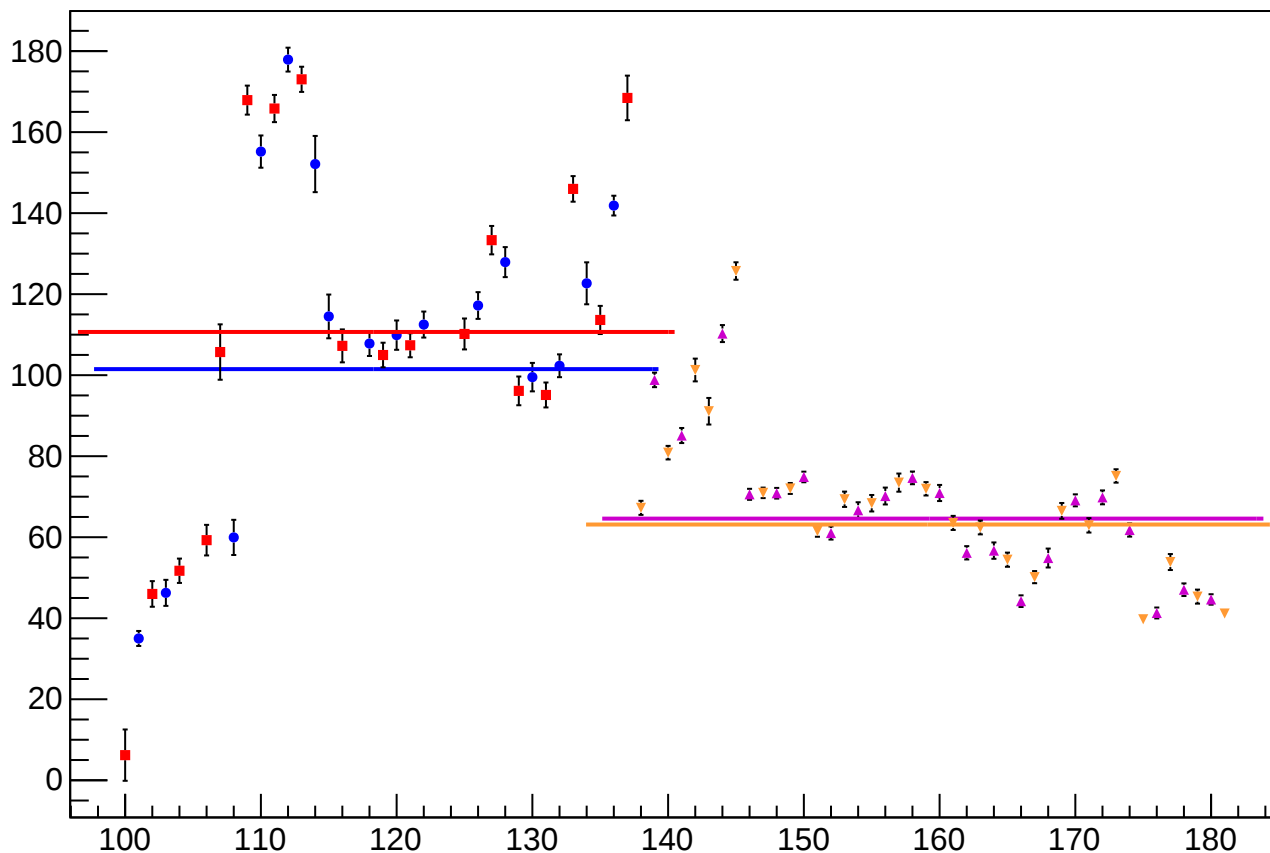
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 2.729 ± 0.225 $\chi^2/\text{NDF}: 947.7/36$

Out: 2.987 ± 0.224 $\chi^2/\text{NDF}: 1080.0/40$

All: 2.859 ± 0.159 $\chi^2/\text{NDF}: 2028.3/77$

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: 63.133 $\pm$ 0.346 χ^2 /NDF:2412.3/22

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 64.590 $\pm$ 0.352 χ^2 /NDF:2073.4/20

Left: 63.850 $\pm$ 0.247 χ^2 /NDF: 4494.4/43

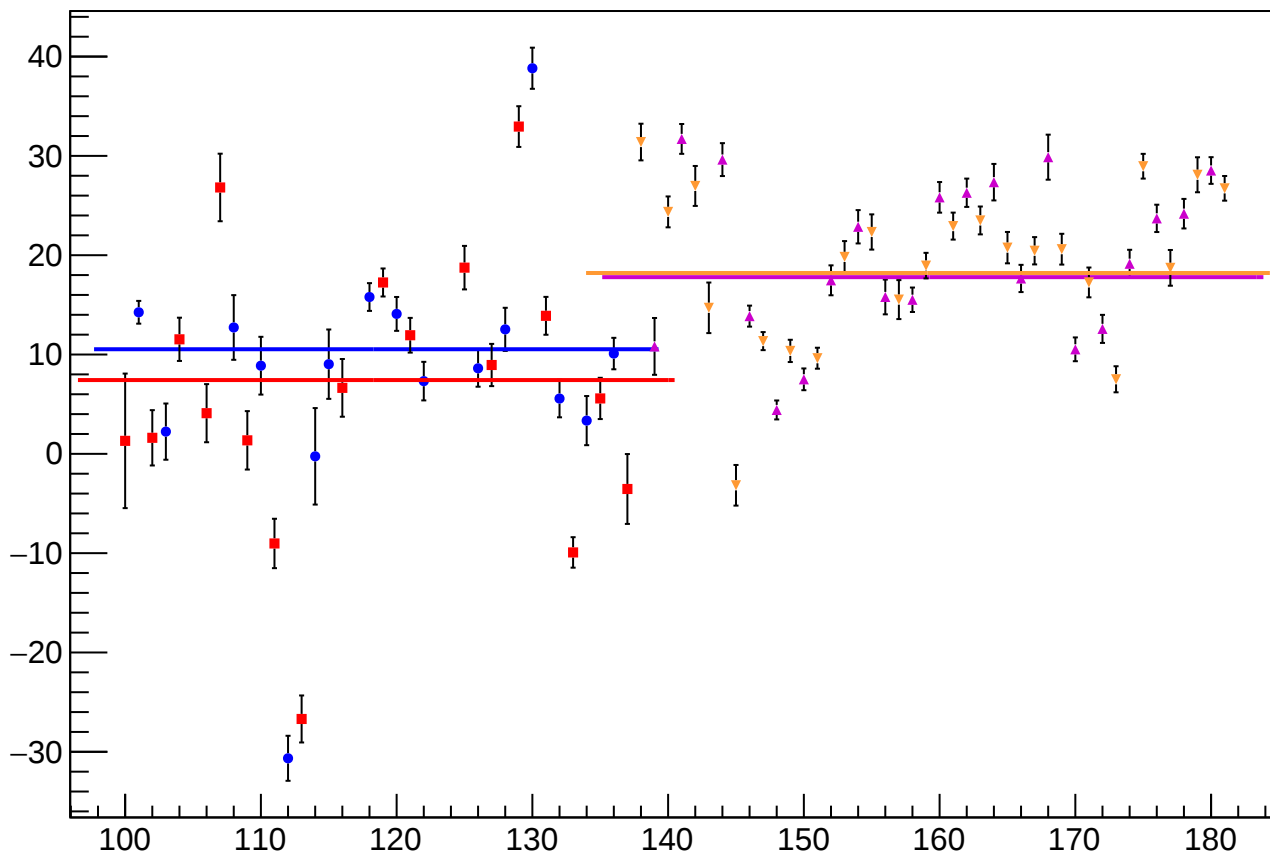
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 70.476 $\pm$ 0.323 χ^2 /NDF:6798.8/36

Out: 70.103 $\pm$ 0.320 χ^2 /NDF:7686.3/40

All: 70.288 $\pm$ 0.227 χ^2 /NDF: 14485.8/77

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: 18.210 $\pm$ 0.299 χ^2 /NDF: 631.4/22

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 17.790 $\pm$ 0.306 χ^2 /NDF: 725.5/20

Left: 18.004 $\pm$ 0.214 χ^2 /NDF: 1357.9/43

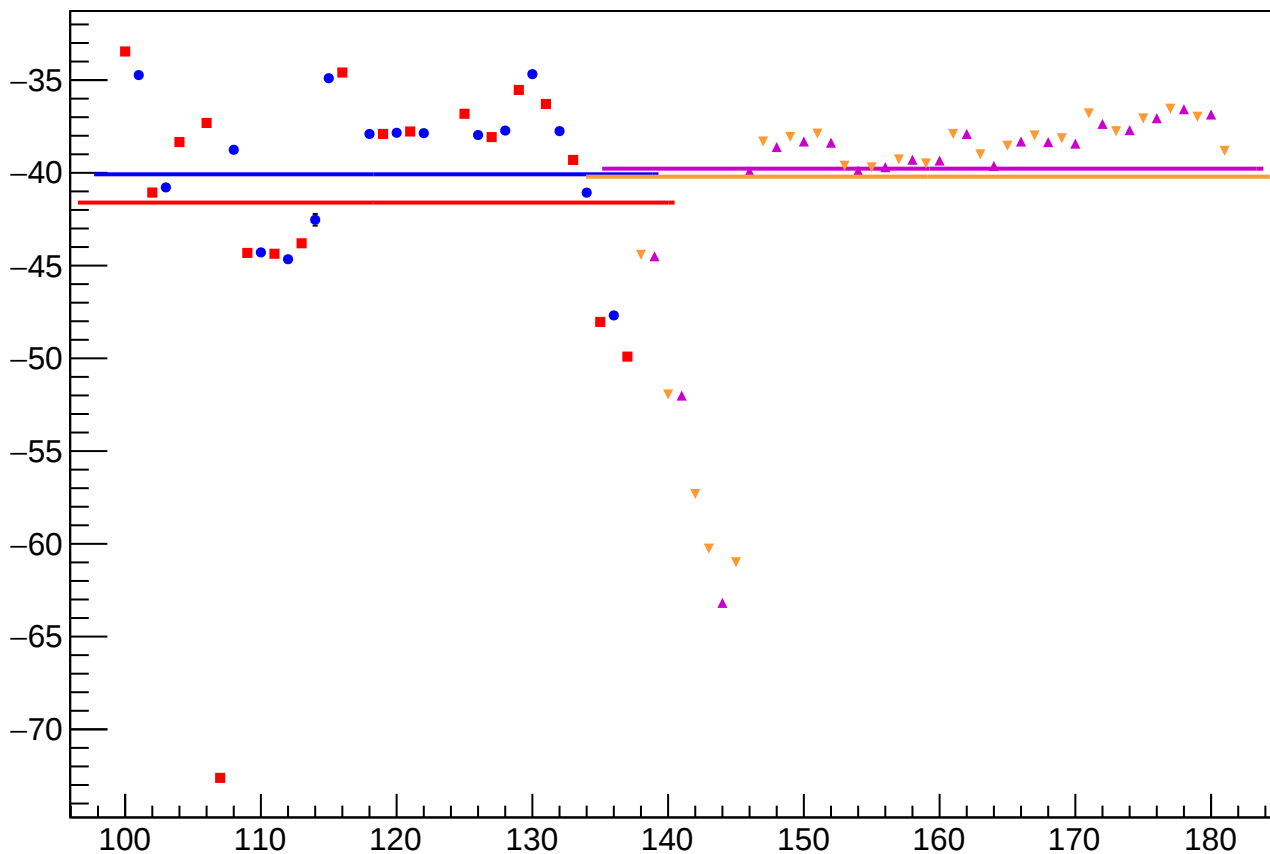
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 15.775 $\pm$ 0.260 χ^2 /NDF: 1462.5/36

Out: 15.556 $\pm$ 0.260 χ^2 /NDF: 1636.8/40

All: 15.665 $\pm$ 0.184 χ^2 /NDF: 3099.7/77

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -40.206 ± 0.014 $\chi^2/\text{NDF}: 154976.0/22$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -39.775 ± 0.014 $\chi^2/\text{NDF}: 109333.2/20$

Left: -39.990 ± 0.010 $\chi^2/\text{NDF}: 264768.2/43$

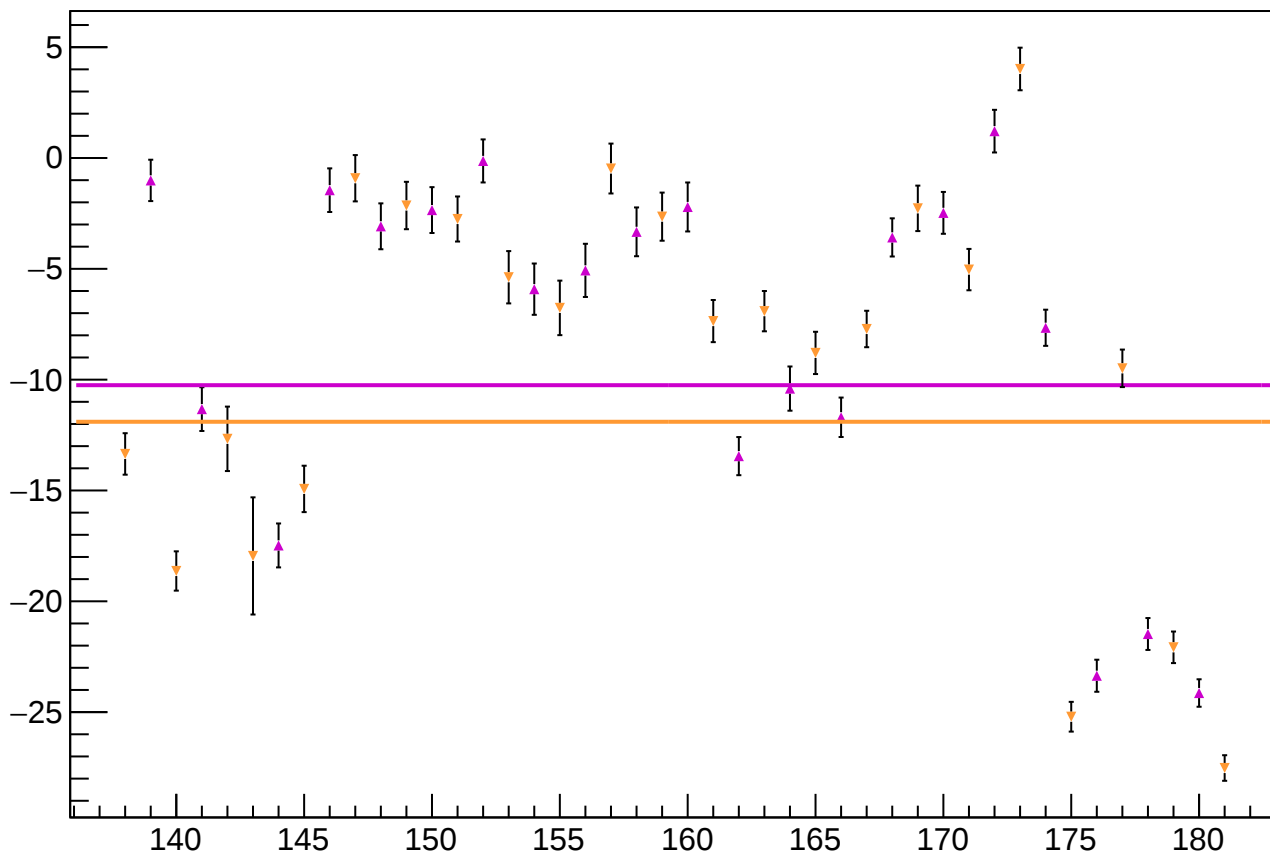
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -39.836 ± 0.013 $\chi^2/\text{NDF}: 134572.6/36$

Out: -40.485 ± 0.013 $\chi^2/\text{NDF}: 218744.3/40$

All: -40.159 ± 0.009 $\chi^2/\text{NDF}: 354613.2/77$

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: -11.900 $\pm$ 0.195 χ^2/NDF :2416.9/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -10.250 $\pm$ 0.199 χ^2/NDF :1942.1/20

Left: -11.091 $\pm$ 0.139 χ^2/NDF : 4394.1/43

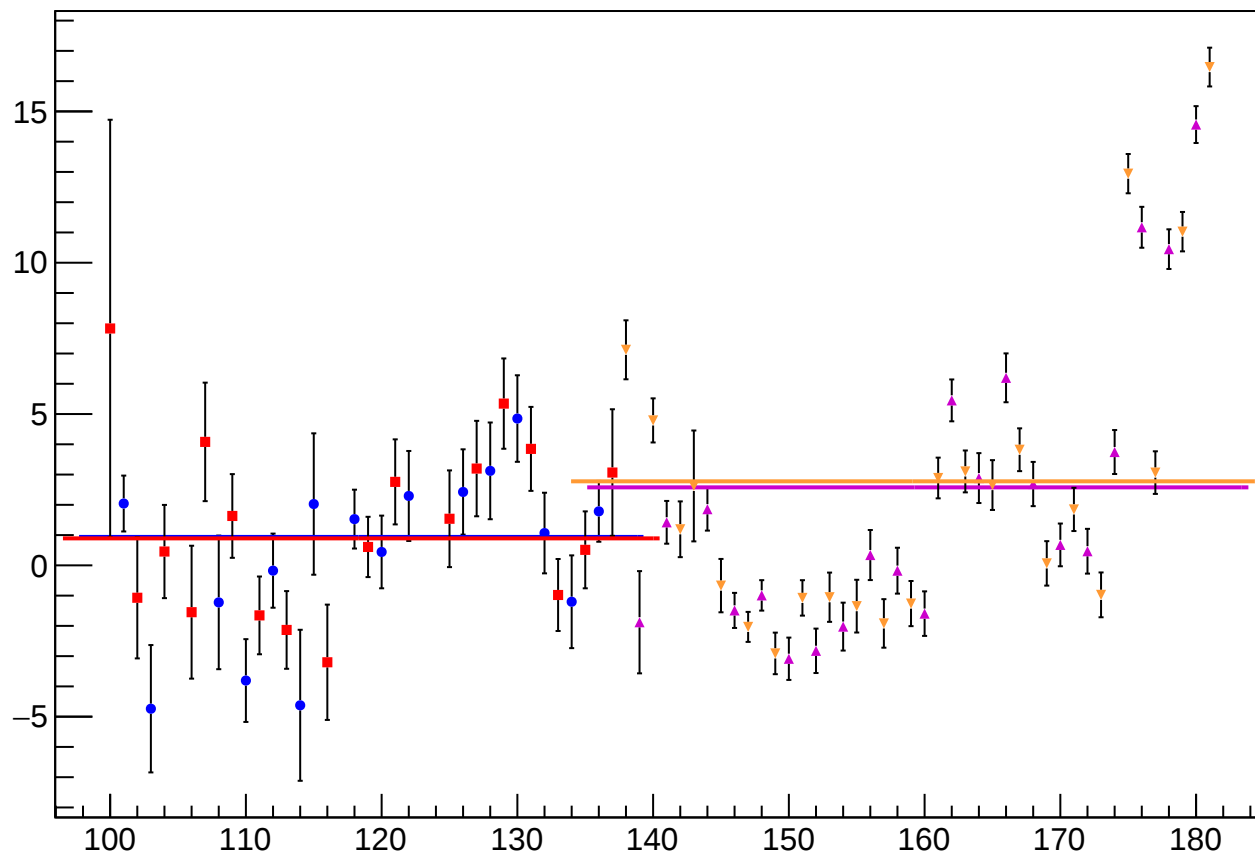
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -10.250 $\pm$ 0.199 χ^2/NDF :1942.1/20

Out: -11.900 $\pm$ 0.195 χ^2/NDF :2416.9/22

All: -11.091 $\pm$ 0.139 χ^2/NDF : 4394.1/43

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: 2.777 ± 0.151 $\chi^2/\text{NDF}: 1265.9/22$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 2.577 ± 0.155 $\chi^2/\text{NDF}: 1065.6/20$

Left: 2.679 ± 0.108 $\chi^2/\text{NDF}: 2332.4/43$

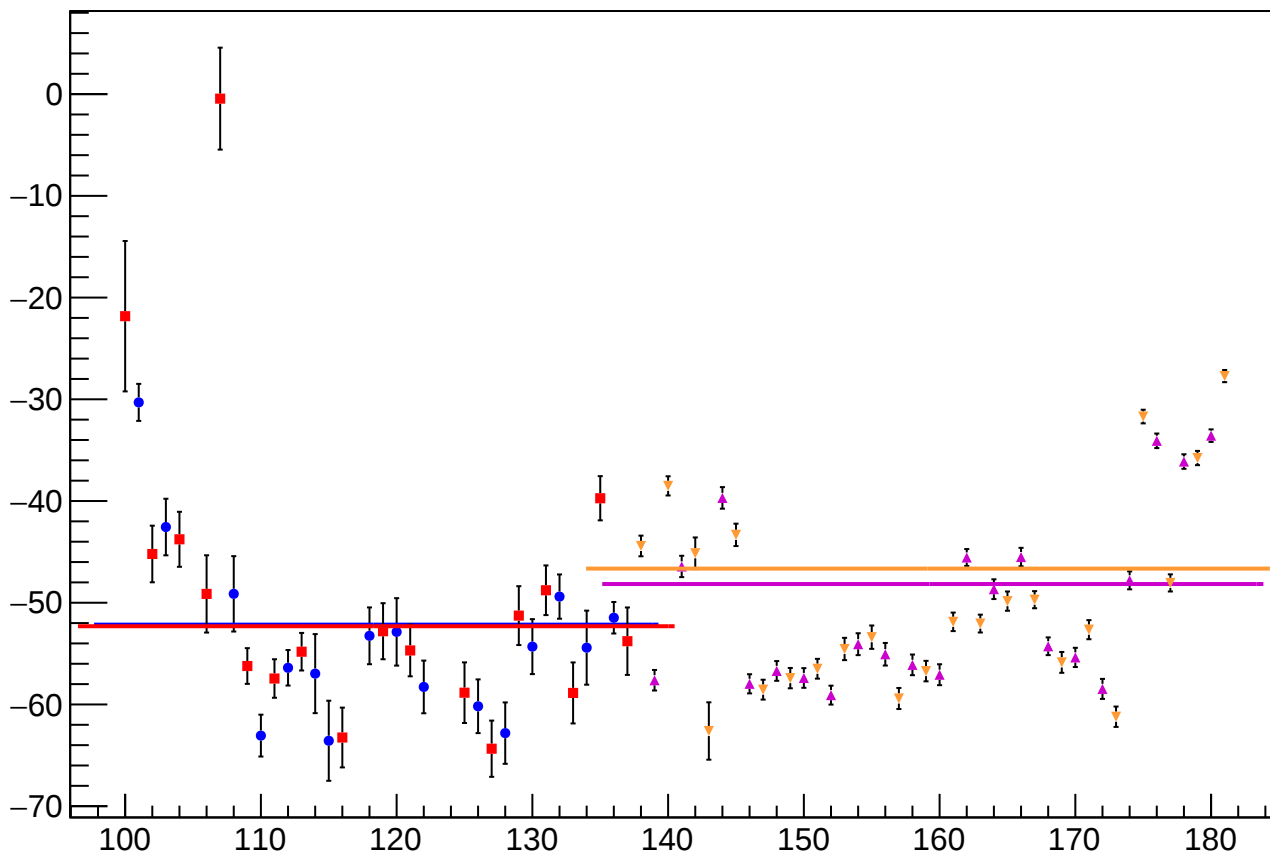
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 2.294 ± 0.141 $\chi^2/\text{NDF}: 1127.2/36$

Out: 2.484 ± 0.139 $\chi^2/\text{NDF}: 1331.5/40$

All: 2.390 ± 0.099 $\chi^2/\text{NDF}: 2459.6/77$

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: -46.644 ± 0.194 χ^2/NDF : 2990.5/22

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -48.161 ± 0.197 χ^2/NDF : 2241.2/20

Left: -47.390 ± 0.138 χ^2/NDF : 5261.8/43

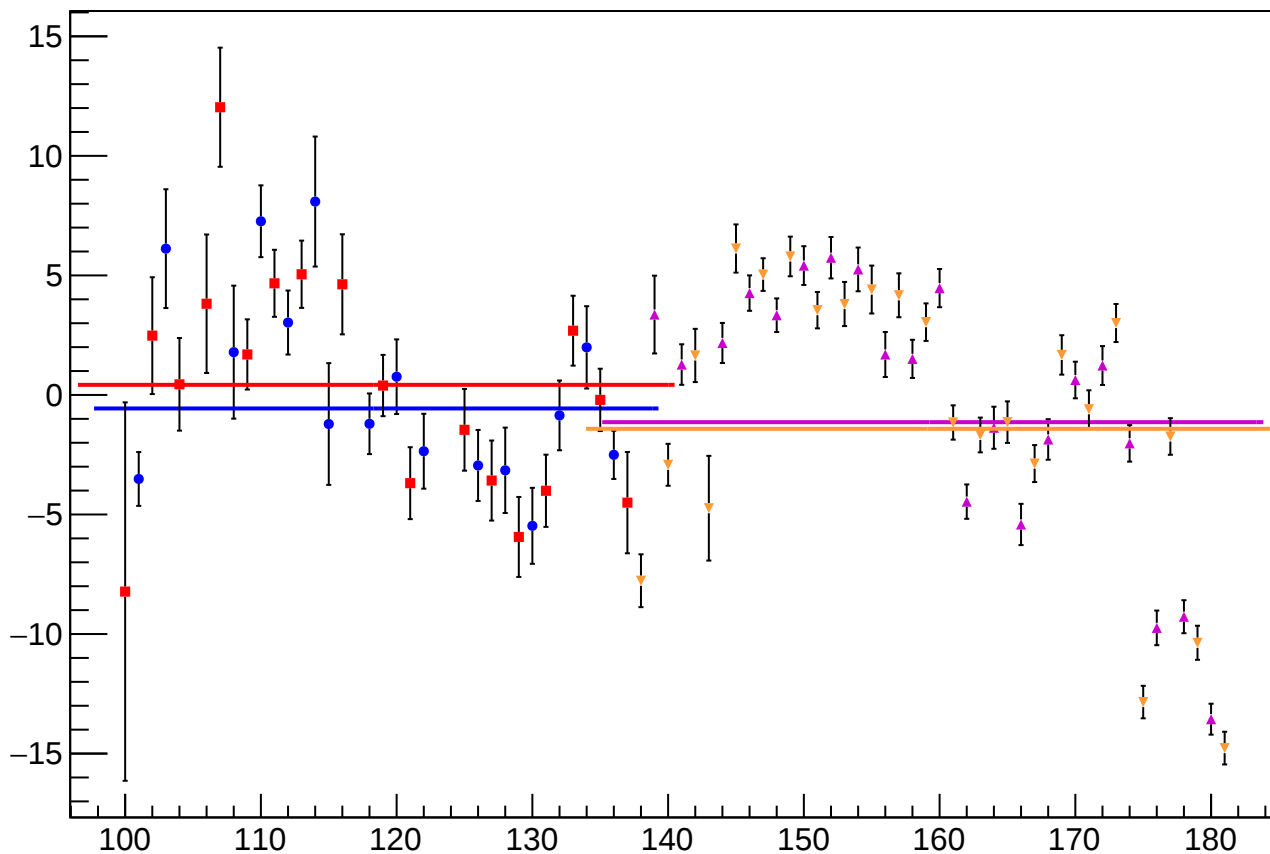
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -48.534 ± 0.187 χ^2/NDF : 2510.7/36

Out: -47.154 ± 0.185 χ^2/NDF : 3302.4/40

All: -47.834 ± 0.132 χ^2/NDF : 5840.6/77

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -1.415 ± 0.172 χ^2/NDF : 1316.7/22

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: -1.138 ± 0.175 χ^2/NDF : 1081.9/20

Left: -1.279 ± 0.123 χ^2/NDF : 2399.9/43

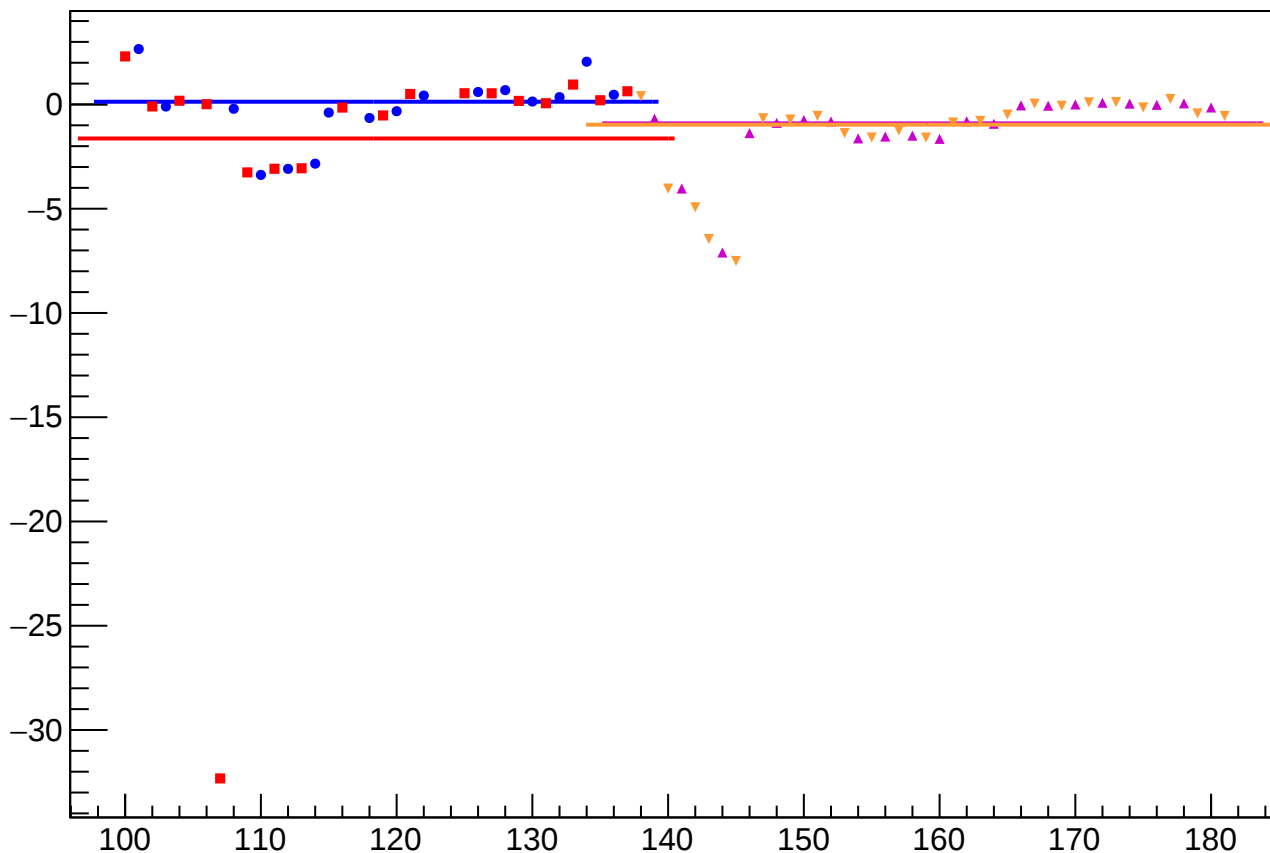
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -1.040 ± 0.159 χ^2/NDF : 1165.5/36

Out: -1.128 ± 0.158 χ^2/NDF : 1429.9/40

All: -1.085 ± 0.112 χ^2/NDF : 2595.6/77

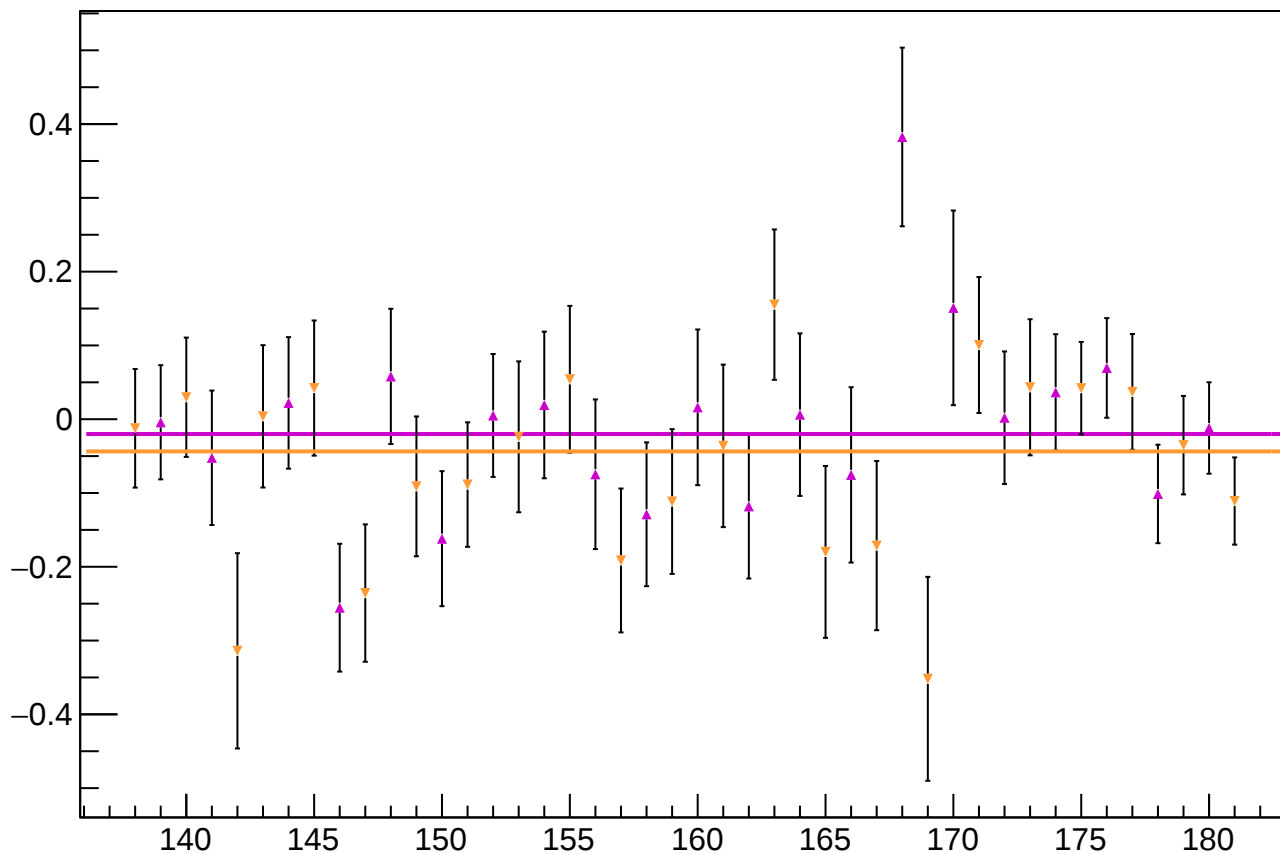
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.969 ± 0.008 $\chi^2/\text{NDF}: 43081.7/22$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.906 ± 0.008 $\chi^2/\text{NDF}: 30581.8/20$

Left: -0.938 ± 0.006 $\chi^2/\text{NDF}: 73695.0/43$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.782 ± 0.007 $\chi^2/\text{NDF}: 37858.6/36$
 Out: -1.046 ± 0.007 $\chi^2/\text{NDF}: 121772.0/40$
 All: -0.915 ± 0.005 $\chi^2/\text{NDF}: 160261.0/77$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.044+/-0.019 χ^2/NDF :33.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.020+/-0.019 χ^2/NDF :30.7/20

Left: -0.032+/-0.013 χ^2/NDF : 65.2/43

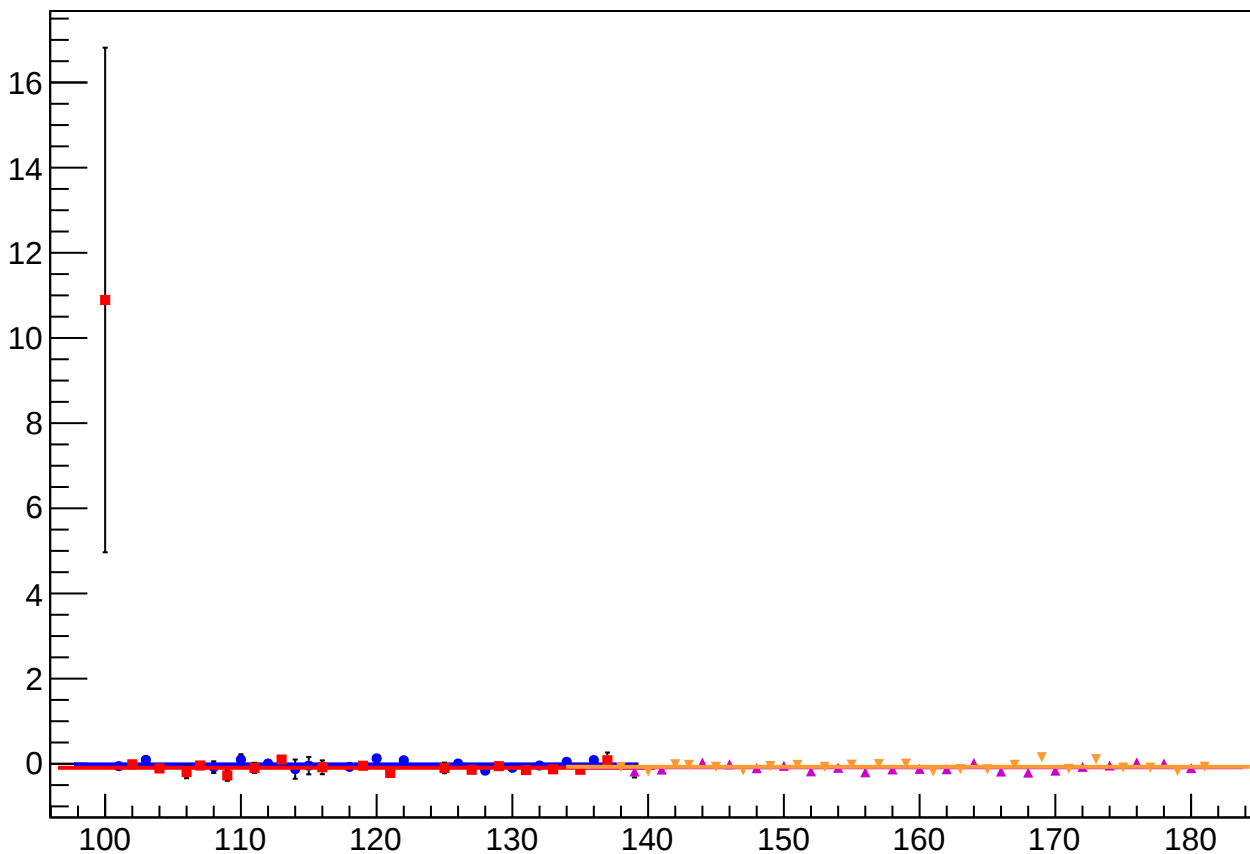
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.020+/-0.019 χ^2/NDF :30.7/20

Out: -0.044+/-0.019 χ^2/NDF :33.8/22

All: -0.032+/-0.013 χ^2/NDF : 65.2/43

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 12.5/15

Left Out: -0.071 $\pm$ 0.014 χ^2 /NDF:28.3/22

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.081 $\pm$ 0.015 χ^2 /NDF:22.9/20

Left: -0.076 $\pm$ 0.010 χ^2 /NDF: 51.4/43

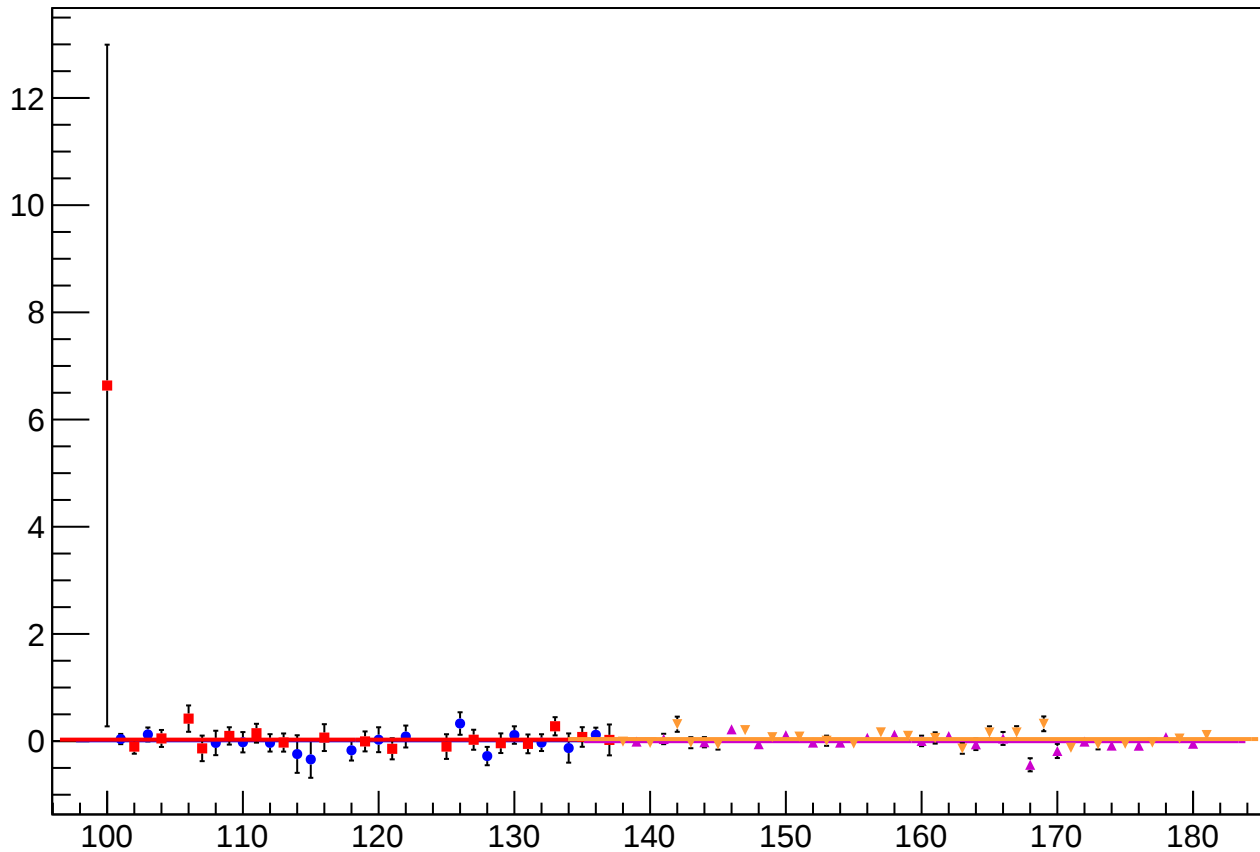
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.062 $\pm$ 0.013 χ^2 /NDF:41.3/36

Out: -0.076 $\pm$ 0.012 χ^2 /NDF:42.5/40

All: -0.069 $\pm$ 0.009 χ^2 /NDF: 84.4/77

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.038+/-0.018 χ^2/NDF : 31.8/22

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: -0.001+/-0.019 χ^2/NDF : 32.6/20

Left: 0.019+/-0.013 χ^2/NDF : 66.6/43

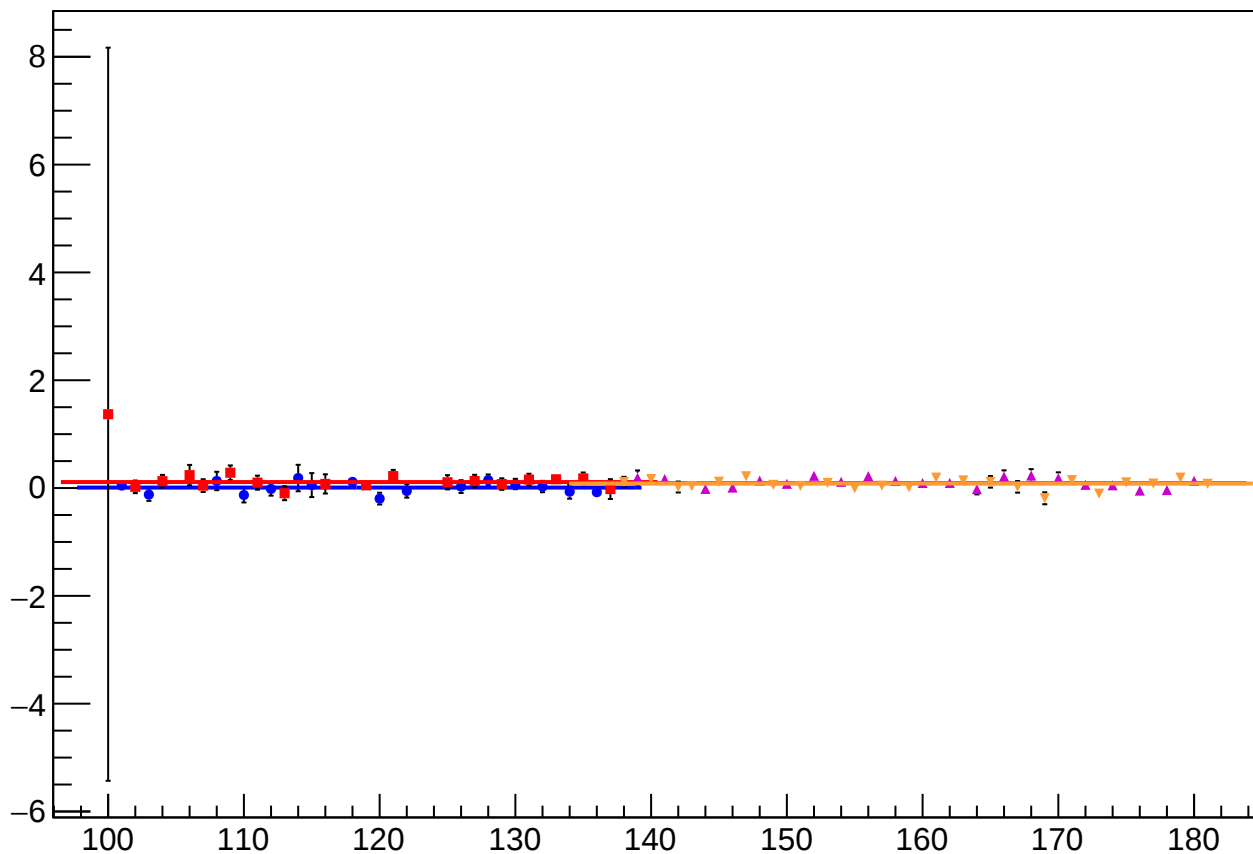
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.002+/-0.017 χ^2/NDF : 42.8/36

Out: 0.037+/-0.017 χ^2/NDF : 41.4/40

All: 0.020+/-0.012 χ^2/NDF : 86.3/77

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: 0.084 $\pm$ 0.016 χ^2 /NDF:28.1/22

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.091 $\pm$ 0.017 χ^2 /NDF:25.8/20

Left: 0.088 $\pm$ 0.012 χ^2 /NDF: 54.0/43

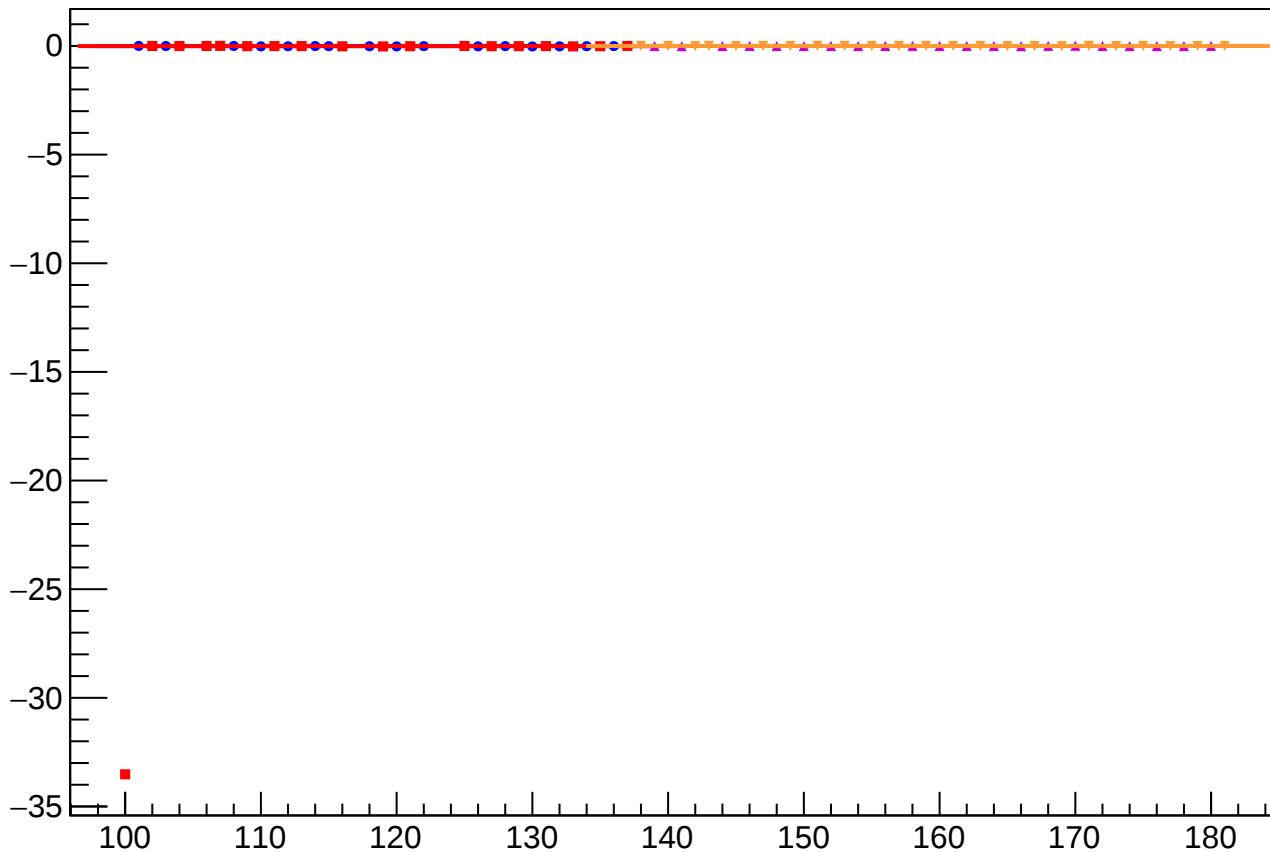
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.068 $\pm$ 0.014 χ^2 /NDF:45.1/36

Out: 0.091 $\pm$ 0.014 χ^2 /NDF:37.4/40

All: 0.079 $\pm$ 0.010 χ^2 /NDF: 83.8/77

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:22.6/22

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:20.5/20

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 43.8/43

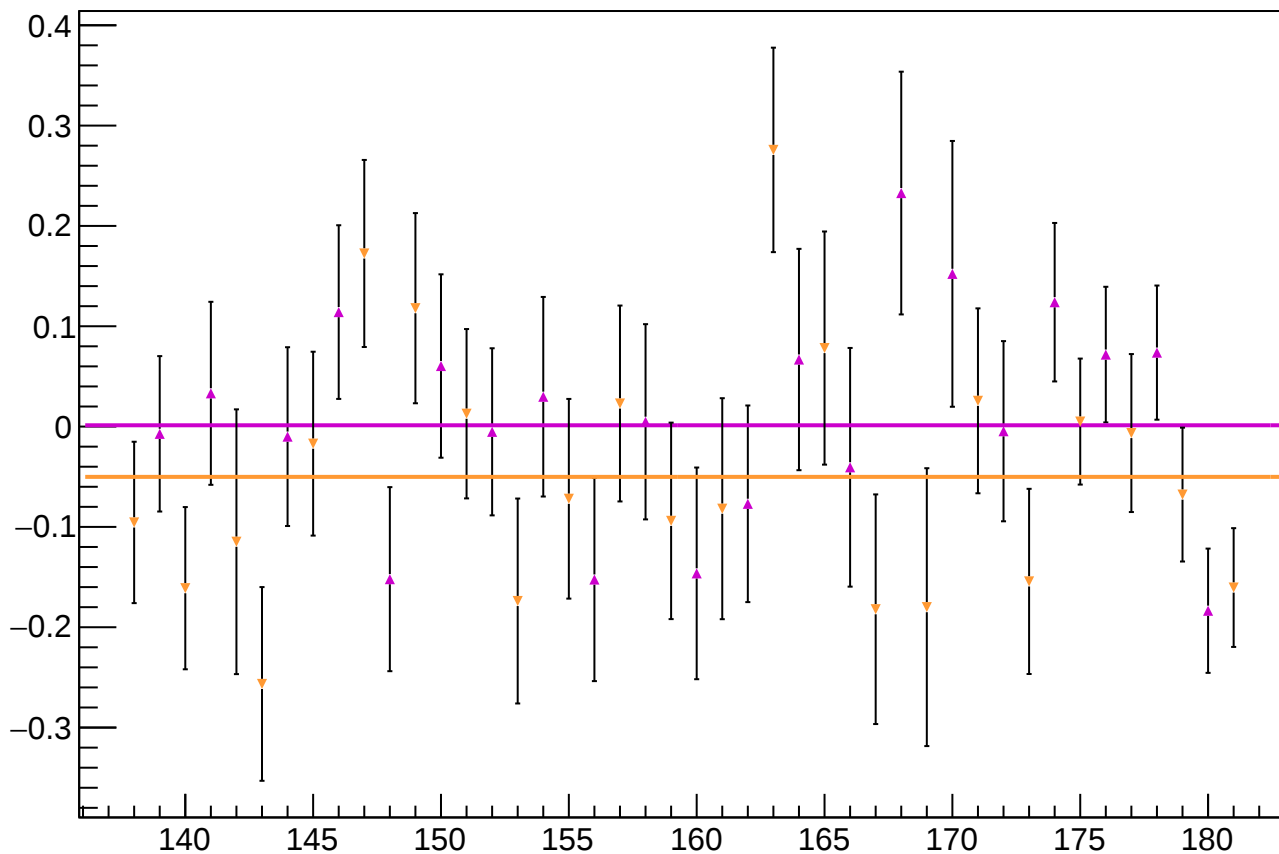
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:54.4/36

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:26549.2/40

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 26604.1/77

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Left: -0.025 $\pm$ 0.013 χ^2 /NDF: 71.9/43

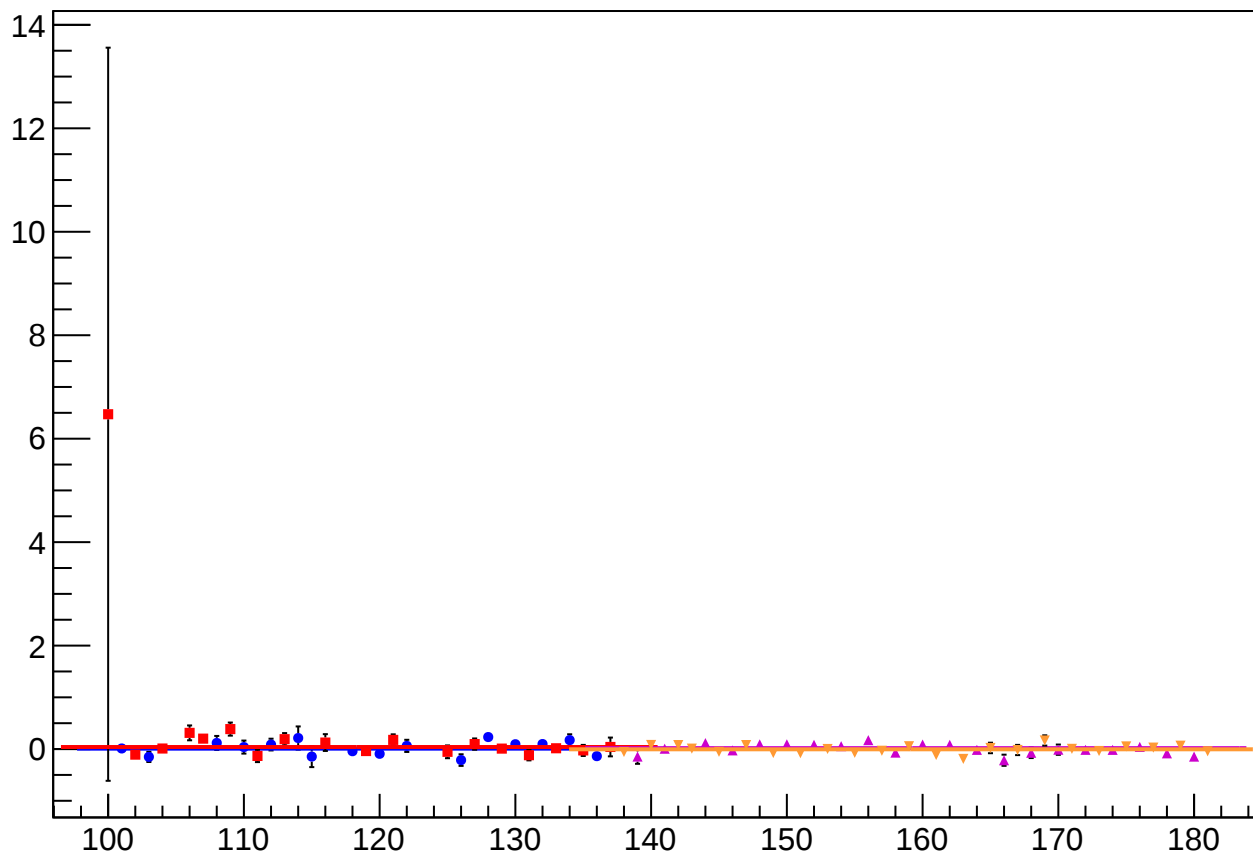
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22

All: -0.025 $\pm$ 0.013 χ^2 /NDF: 71.9/43

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.005 $\pm$ 0.014 χ^2 /NDF:26.2/22

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.018 $\pm$ 0.015 χ^2 /NDF:34.3/20

Left: 0.006 $\pm$ 0.010 χ^2 /NDF: 61.7/43

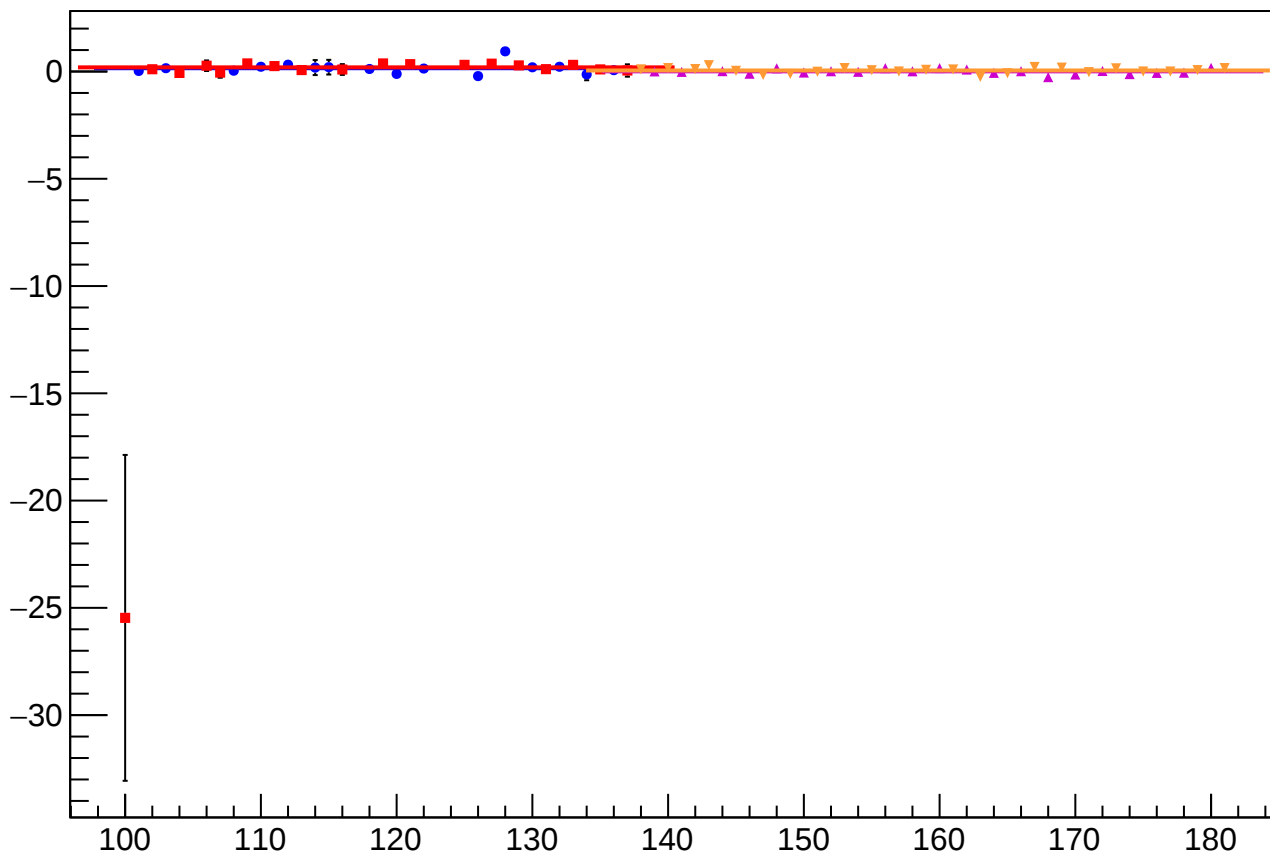
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.015 $\pm$ 0.013 χ^2 /NDF:58.1/36

Out: 0.006 $\pm$ 0.012 χ^2 /NDF:57.0/40

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 115.3/77

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: 0.048 $\pm$ 0.018 χ^2 /NDF: 39.0/22

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.008 $\pm$ 0.019 χ^2 /NDF: 28.2/20

Left: 0.028 $\pm$ 0.013 χ^2 /NDF: 69.6/43

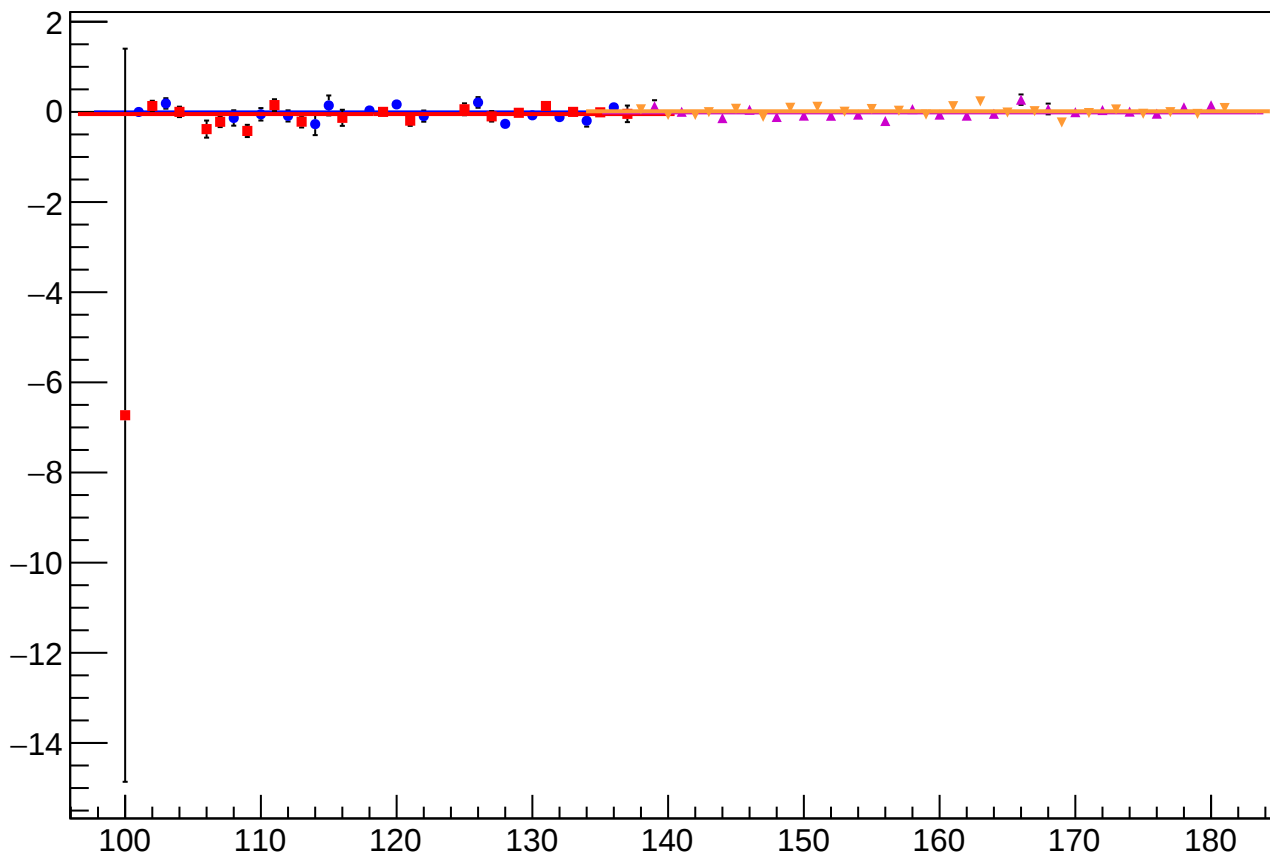
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.032 $\pm$ 0.017 χ^2 /NDF: 68.5/36

Out: 0.069 $\pm$ 0.017 χ^2 /NDF: 69.9/40

All: 0.051 $\pm$ 0.012 χ^2 /NDF: 140.7/77

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.013 ± 0.016 χ^2/NDF : 29.0/22

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.011 ± 0.017 χ^2/NDF : 34.0/20

Left: 0.002 ± 0.012 χ^2/NDF : 64.0/43

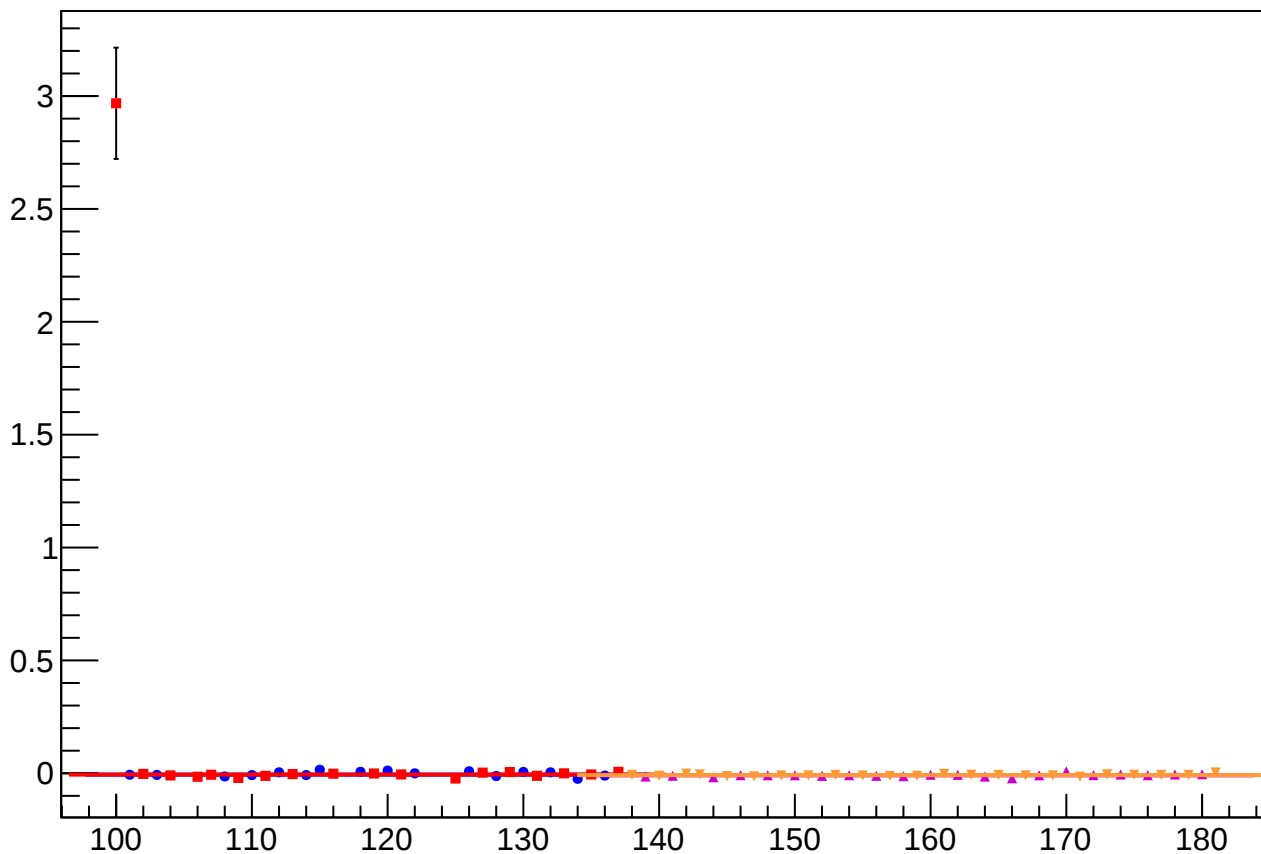
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.011 ± 0.014 χ^2/NDF : 57.4/36

Out: -0.002 ± 0.014 χ^2/NDF : 58.8/40

All: -0.006 ± 0.010 χ^2/NDF : 116.4/77

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: -0.008+/-0.001 χ^2 /NDF:30.4/22

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.009+/-0.001 χ^2 /NDF:37.1/20

Left: -0.009+/-0.001 χ^2 /NDF: 68.6/43

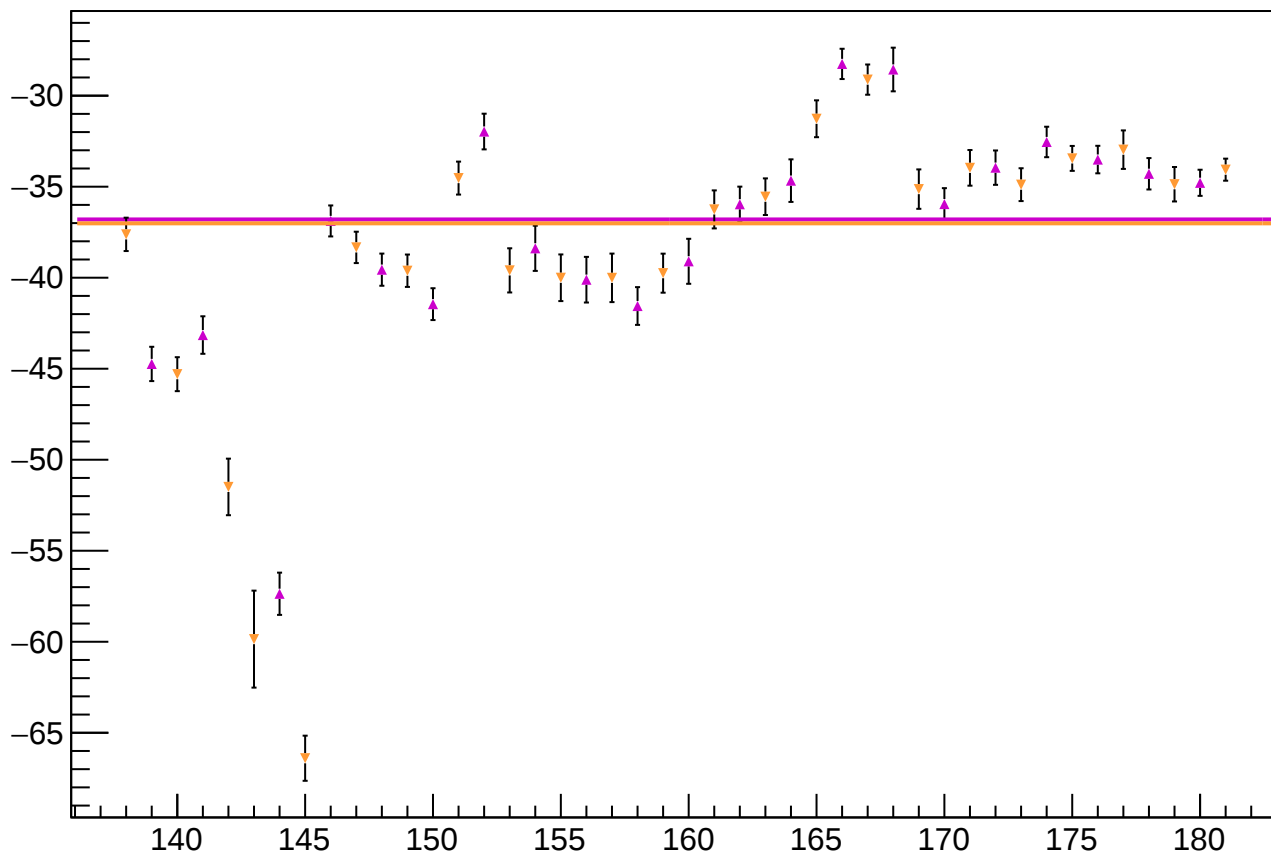
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.008+/-0.001 χ^2 /NDF:69.5/36

Out: -0.008+/-0.001 χ^2 /NDF:197.3/40

All: -0.008+/-0.000 χ^2 /NDF: 267.8/77

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: -37.014+/-0.202 χ^2/NDF :1055.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.799+/-0.206 χ^2/NDF :746.4/20

Left: -36.909+/-0.144 χ^2/NDF : 1802.9/43

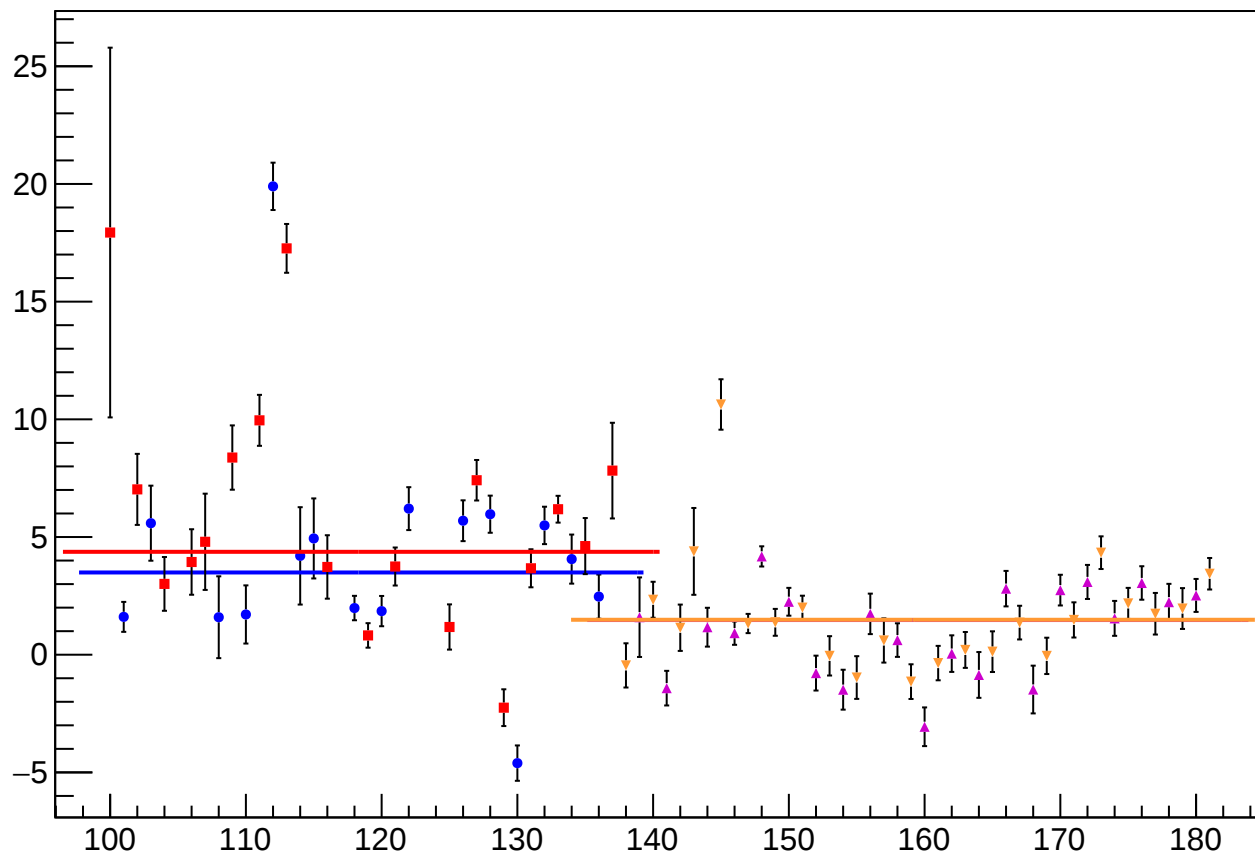
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.799+/-0.206 χ^2/NDF :746.4/20

Out: -37.014+/-0.202 χ^2/NDF :1055.9/22

All: -36.909+/-0.144 χ^2/NDF : 1802.9/43

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: 1.484 $\pm$ 0.152 χ^2 /NDF:149.0/22

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.473 $\pm$ 0.156 χ^2 /NDF:149.3/20

Left: 1.479 $\pm$ 0.109 χ^2 /NDF: 298.3/43

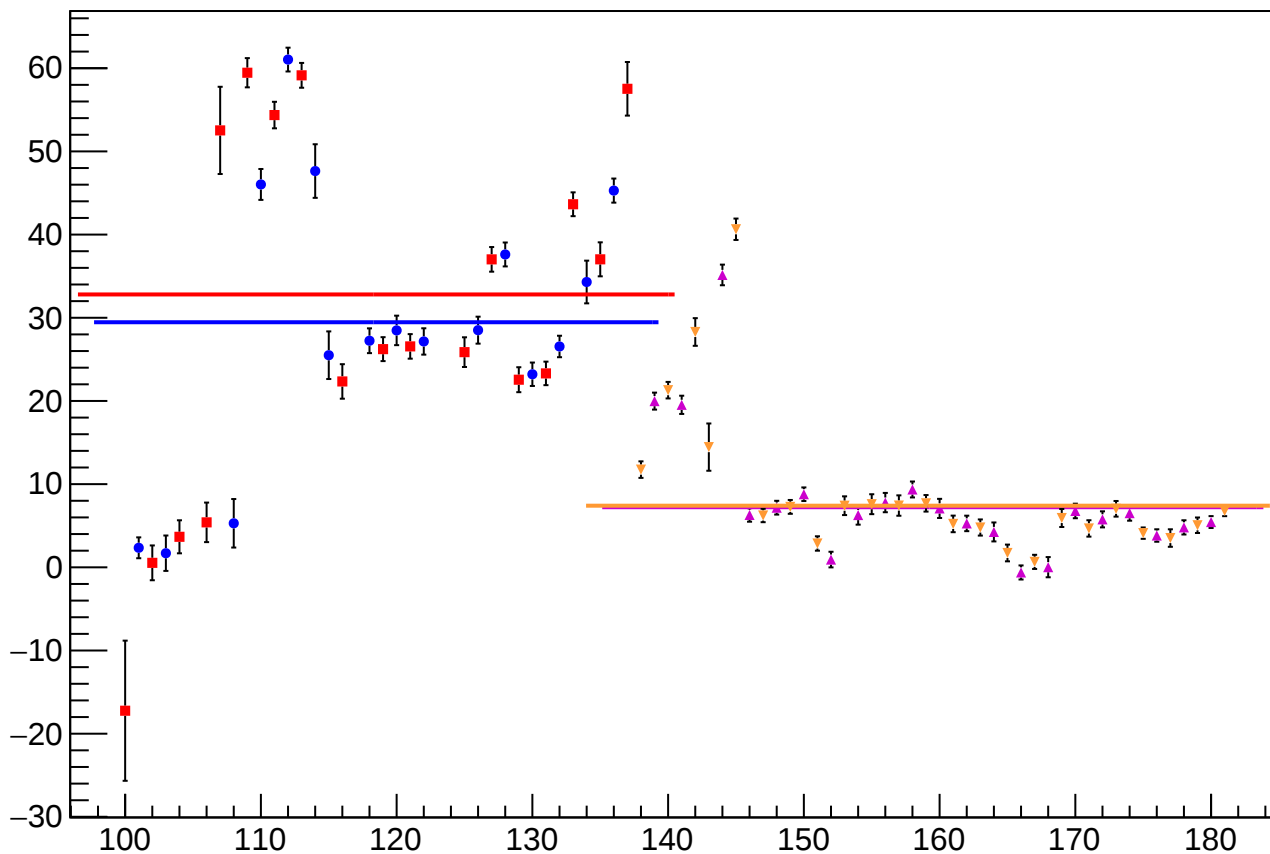
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.158 $\pm$ 0.127 χ^2 /NDF:651.2/36

Out: 2.389 $\pm$ 0.126 χ^2 /NDF:615.7/40

All: 2.274 $\pm$ 0.089 χ^2 /NDF: 1268.6/77

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: 7.409 ± 0.201 χ^2/NDF : 1236.7/22

Right Out: 32.804 ± 0.423 χ^2/NDF : 1659.8/17

Left In: 7.226 ± 0.204 χ^2/NDF : 1014.8/20

Left: 7.319 ± 0.143 χ^2/NDF : 2252.0/43

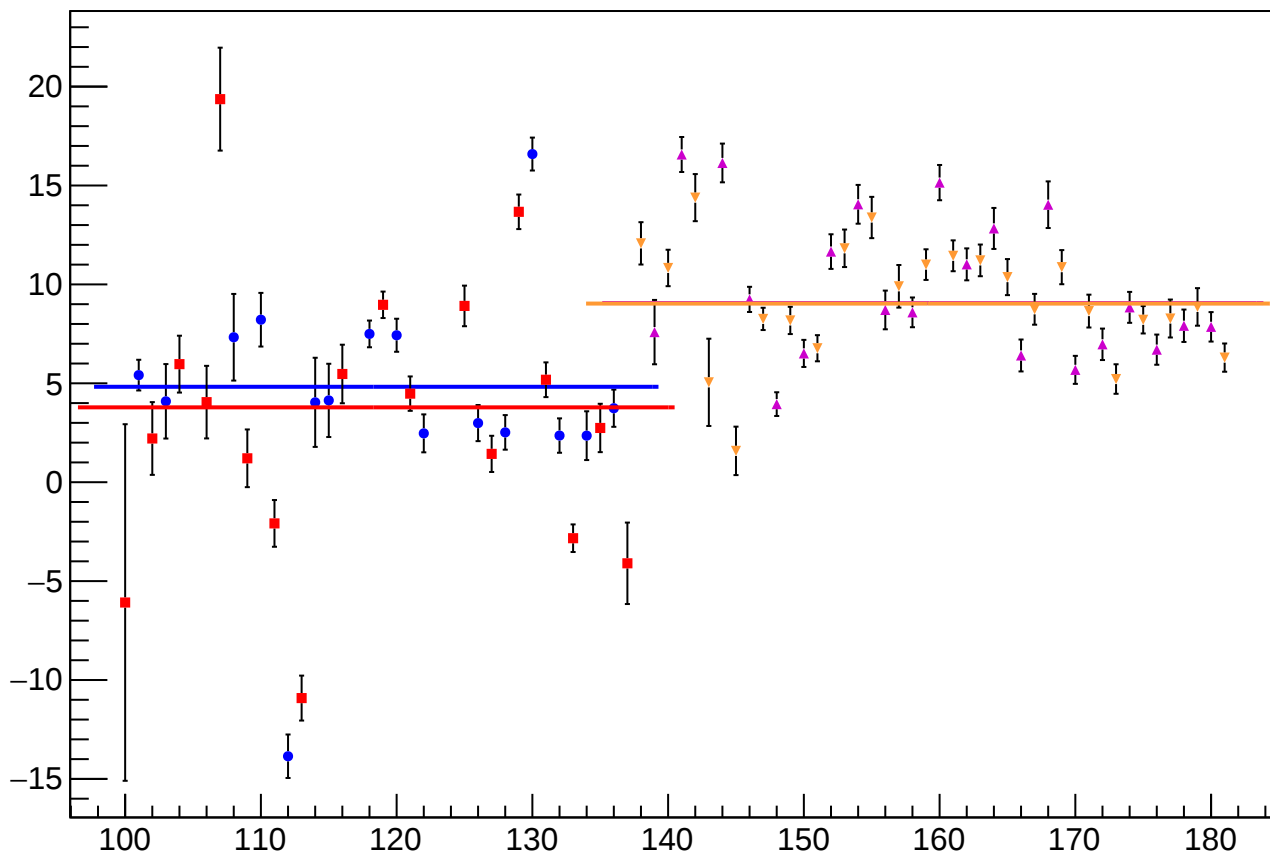
Right: 31.111 ± 0.297 χ^2/NDF : 3183.0/33

In: 11.504 ± 0.183 χ^2/NDF : 4797.2/36

Out: 12.083 ± 0.181 χ^2/NDF : 5837.7/40

All: 11.796 ± 0.129 χ^2/NDF : 10640.0/77

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: 9.031 ± 0.175 $\chi^2/\text{NDF}: 187.5/22$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.057 ± 0.178 $\chi^2/\text{NDF}: 385.2/20$

Left: 9.044 ± 0.125 $\chi^2/\text{NDF}: 572.7/43$

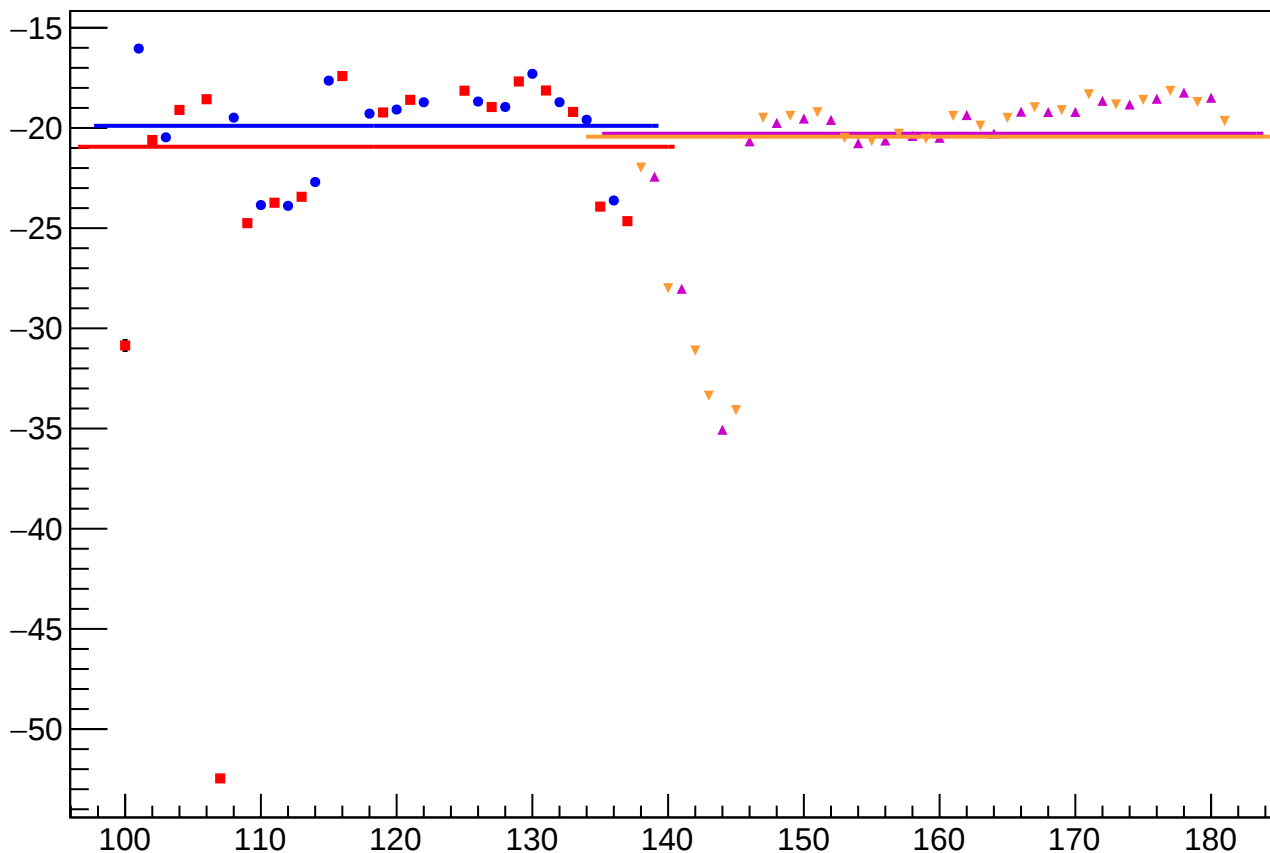
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.642 ± 0.146 $\chi^2/\text{NDF}: 1126.5/36$

Out: 7.384 ± 0.145 $\chi^2/\text{NDF}: 1034.3/40$

All: 7.513 ± 0.103 $\chi^2/\text{NDF}: 2162.3/77$

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: -20.435 ± 0.008 $\chi^2/\text{NDF}: 163245.4/22$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -20.288 ± 0.008 $\chi^2/\text{NDF}: 124462.0/20$

Left: -20.361 ± 0.006 $\chi^2/\text{NDF}: 287865.6/43$

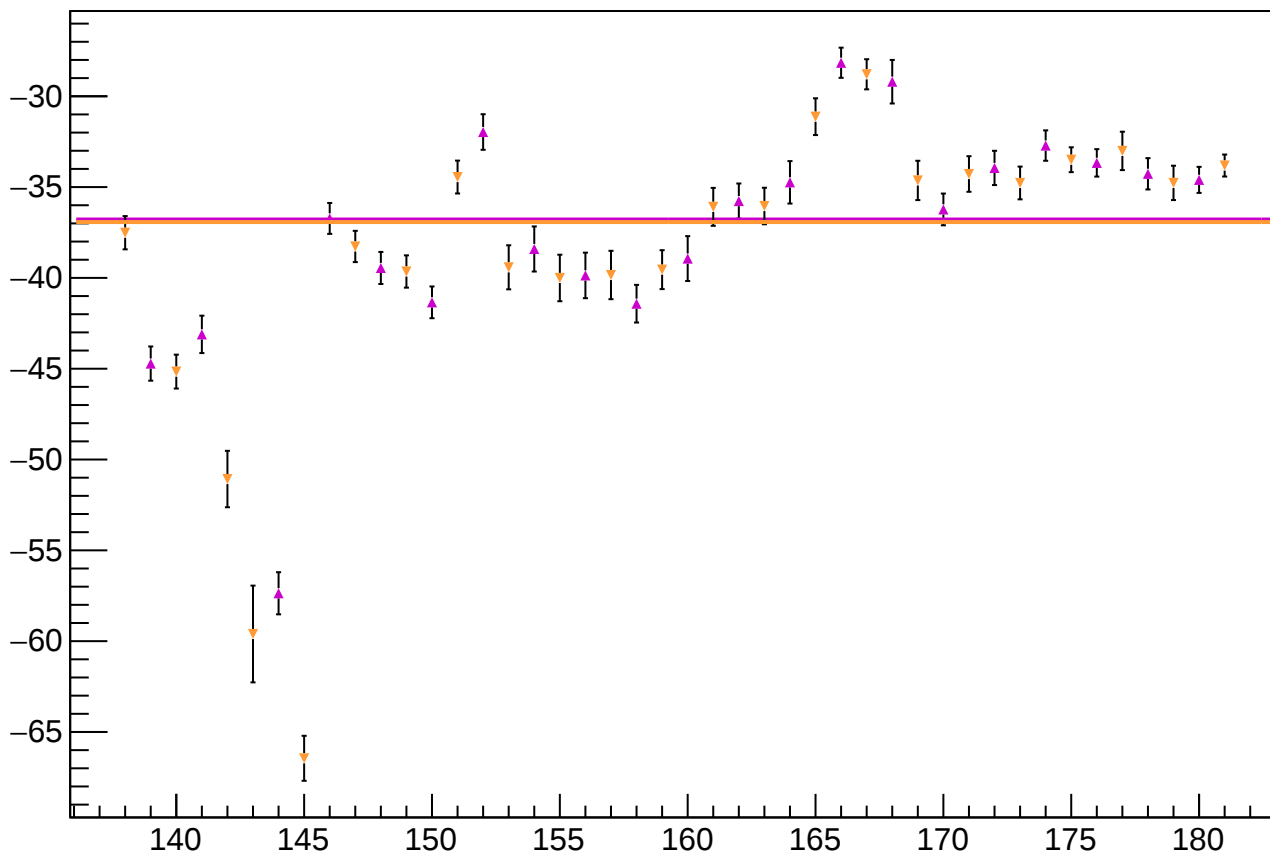
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.202 ± 0.007 $\chi^2/\text{NDF}: 151058.9/36$

Out: -20.543 ± 0.007 $\chi^2/\text{NDF}: 258171.7/40$

All: -20.372 ± 0.005 $\chi^2/\text{NDF}: 410326.3/77$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -36.925 $\pm$ 0.202 χ^2 /NDF:1060.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -36.786 $\pm$ 0.206 χ^2 /NDF:735.0/20

Left: -36.857 $\pm$ 0.144 χ^2 /NDF: 1795.7/43

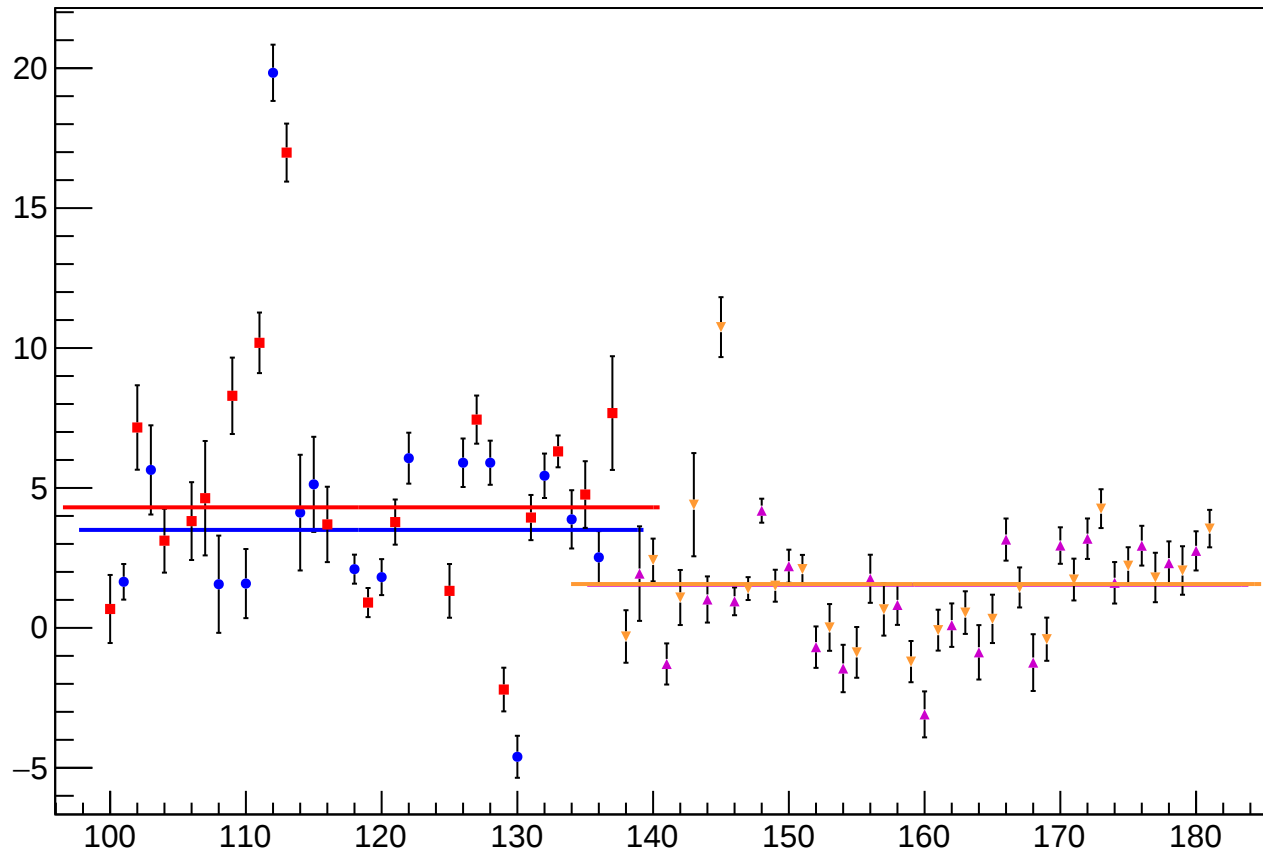
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -36.786 $\pm$ 0.206 χ^2 /NDF:735.0/20

Out: -36.925 $\pm$ 0.202 χ^2 /NDF:1060.4/22

All: -36.857 $\pm$ 0.144 χ^2 /NDF: 1795.7/43

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.566 ± 0.152 χ^2/NDF : 149.2/22

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.543 ± 0.156 χ^2/NDF : 149.9/20

Left: 1.555 ± 0.109 χ^2/NDF : 299.1/43

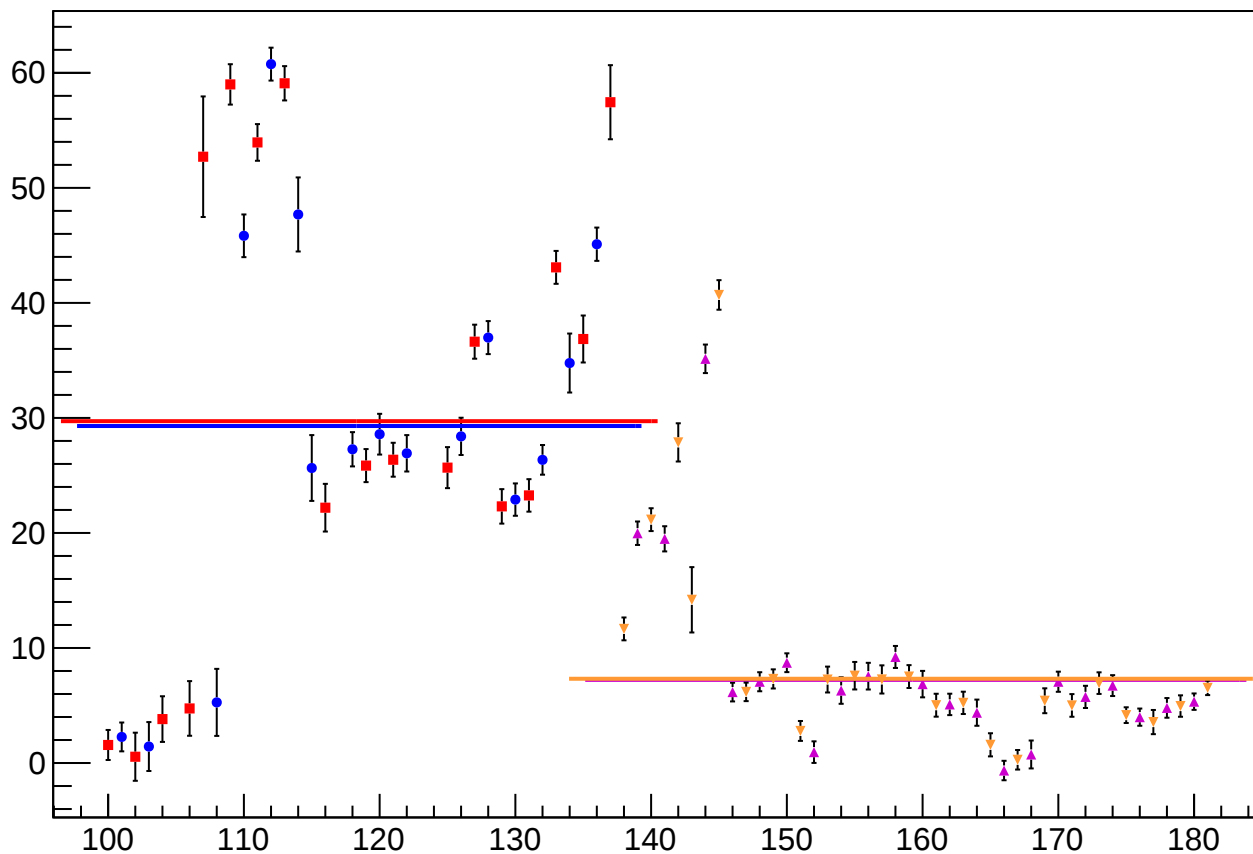
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.206 ± 0.127 χ^2/NDF : 645.4/36

Out: 2.445 ± 0.125 χ^2/NDF : 606.1/40

All: 2.327 ± 0.089 χ^2/NDF : 1253.3/77

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: 7.324 $\pm$ 0.201 χ^2 /NDF:1237.8/22

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 7.226 $\pm$ 0.204 χ^2 /NDF:1006.8/20

Left: 7.276 $\pm$ 0.143 χ^2 /NDF: 2244.7/43

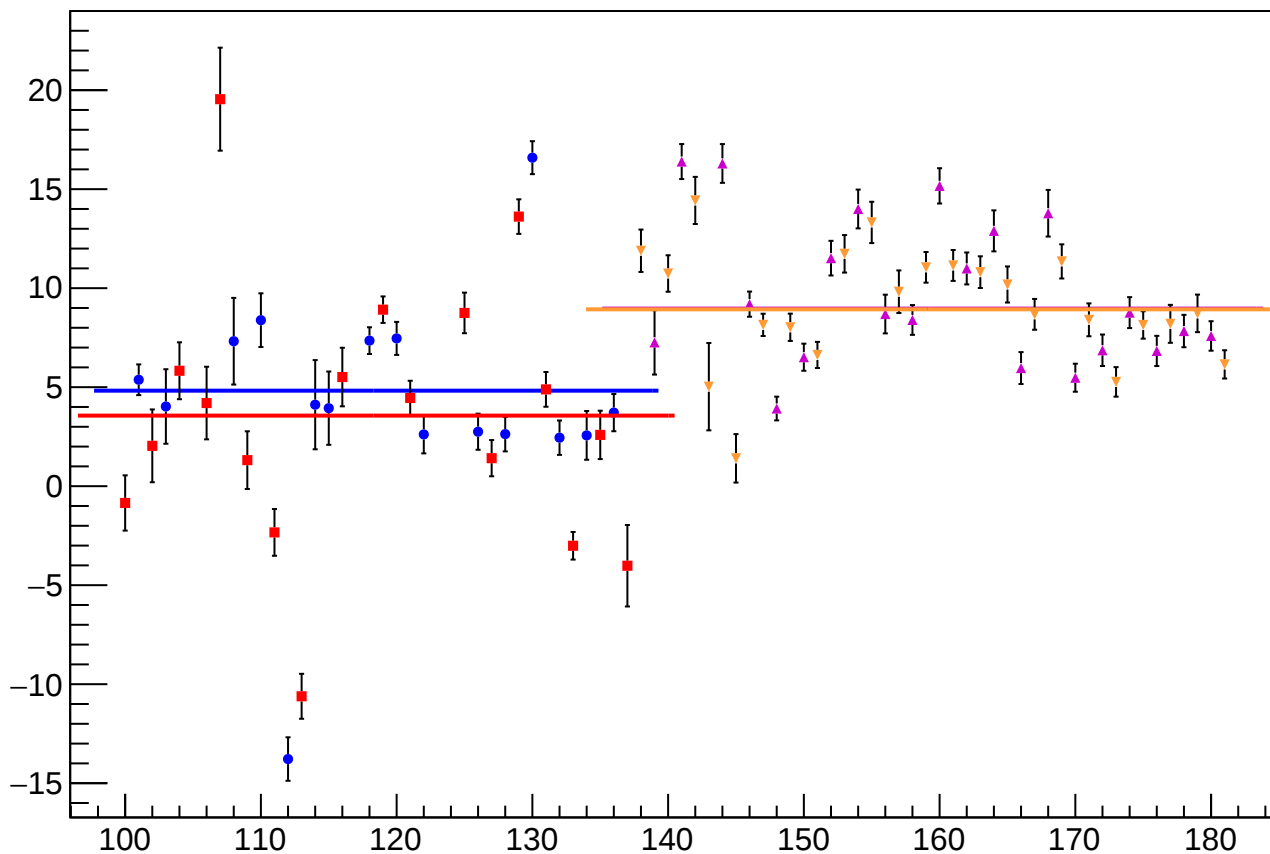
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 11.473 $\pm$ 0.183 χ^2 /NDF:4751.6/36

Out: 11.786 $\pm$ 0.180 χ^2 /NDF:5844.9/40

All: 11.632 $\pm$ 0.128 χ^2 /NDF: 10598.0/77

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.932 ± 0.175 χ^2/NDF : 189.4/22

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 8.967 ± 0.178 χ^2/NDF : 391.5/20

Left: 8.949 ± 0.125 χ^2/NDF : 580.9/43

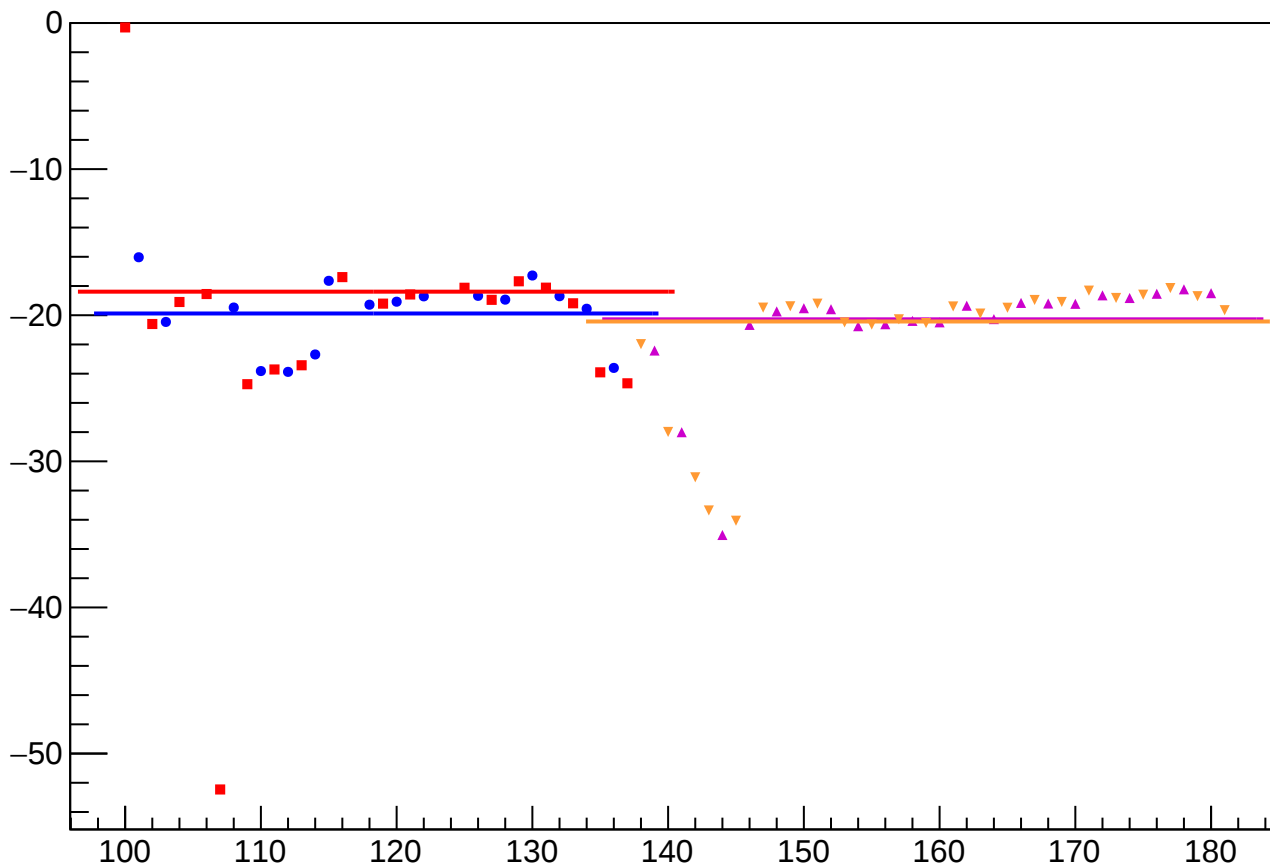
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.582 ± 0.145 χ^2/NDF : 1121.4/36

Out: 7.208 ± 0.144 χ^2/NDF : 1061.8/40

All: 7.394 ± 0.102 χ^2/NDF : 2186.5/77

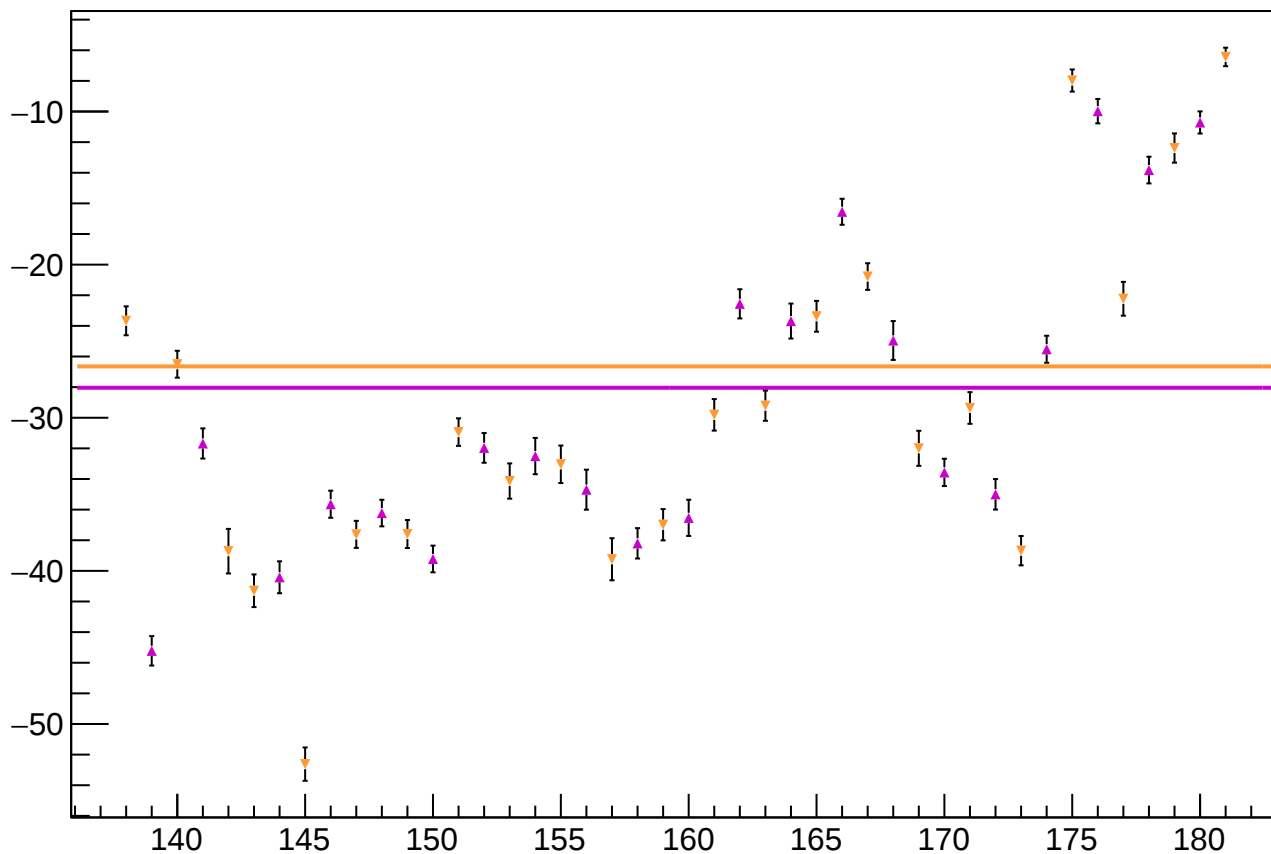
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.428 ± 0.008 $\chi^2/\text{NDF}: 163342.5/22$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.280 ± 0.008 $\chi^2/\text{NDF}: 124351.1/20$

Left: -20.354 ± 0.006 $\chi^2/\text{NDF}: 287855.0/43$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.193 ± 0.007 $\chi^2/\text{NDF}: 150947.9/36$
 Out: -19.942 ± 0.007 $\chi^2/\text{NDF}: 479197.6/40$
 All: -20.066 ± 0.005 $\chi^2/\text{NDF}: 630747.9/77$

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: -26.646+/-0.201 χ^2/NDF : 3693.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.041+/-0.207 χ^2/NDF : 2698.2/20

Left: -27.320+/-0.144 χ^2/NDF : 6415.3/43

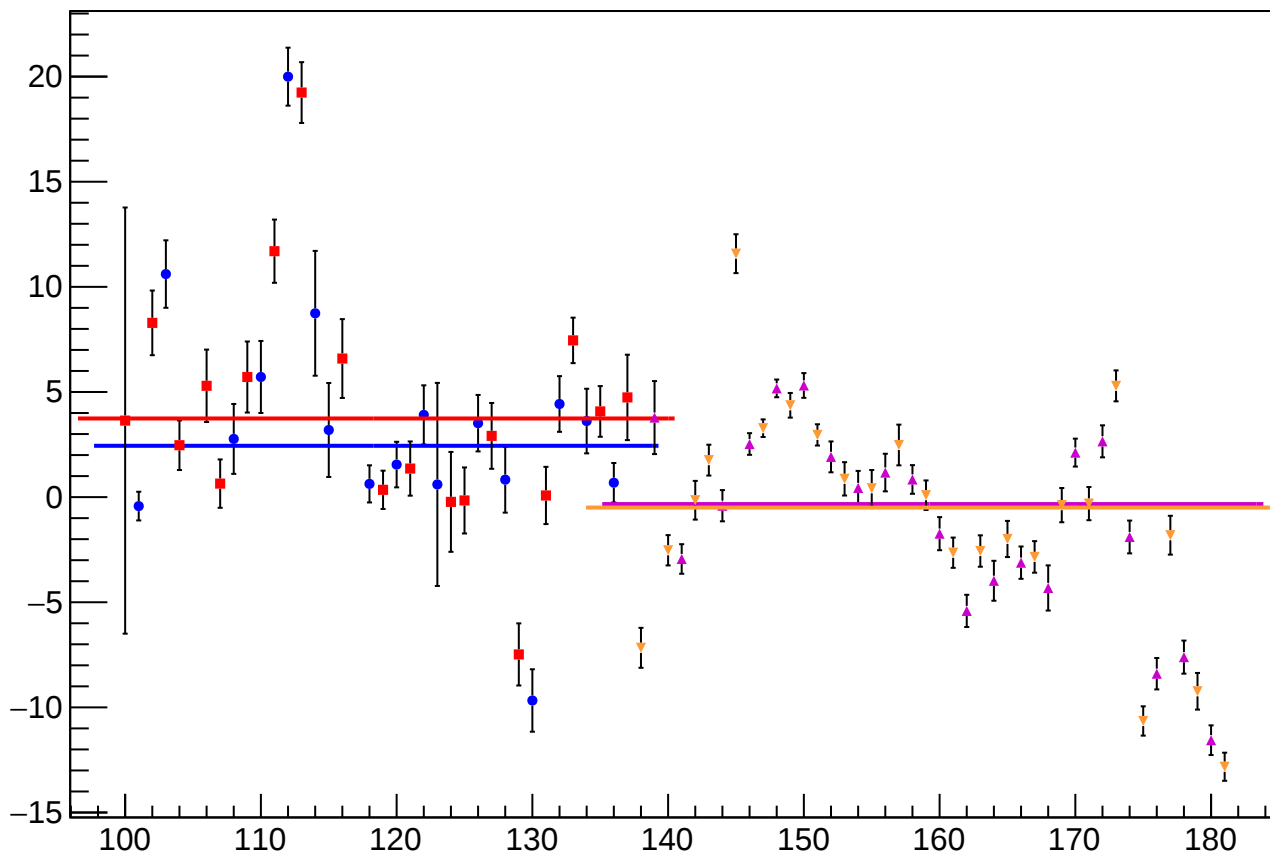
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.041+/-0.207 χ^2/NDF : 2698.2/20

Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

All: -27.320+/-0.144 χ^2/NDF : 6415.3/43

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -0.497 ± 0.150 $\chi^2/\text{NDF}: 1194.6/22$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: -0.330 ± 0.156 $\chi^2/\text{NDF}: 905.5/20$

Left: -0.417 ± 0.108 $\chi^2/\text{NDF}: 2100.7/43$

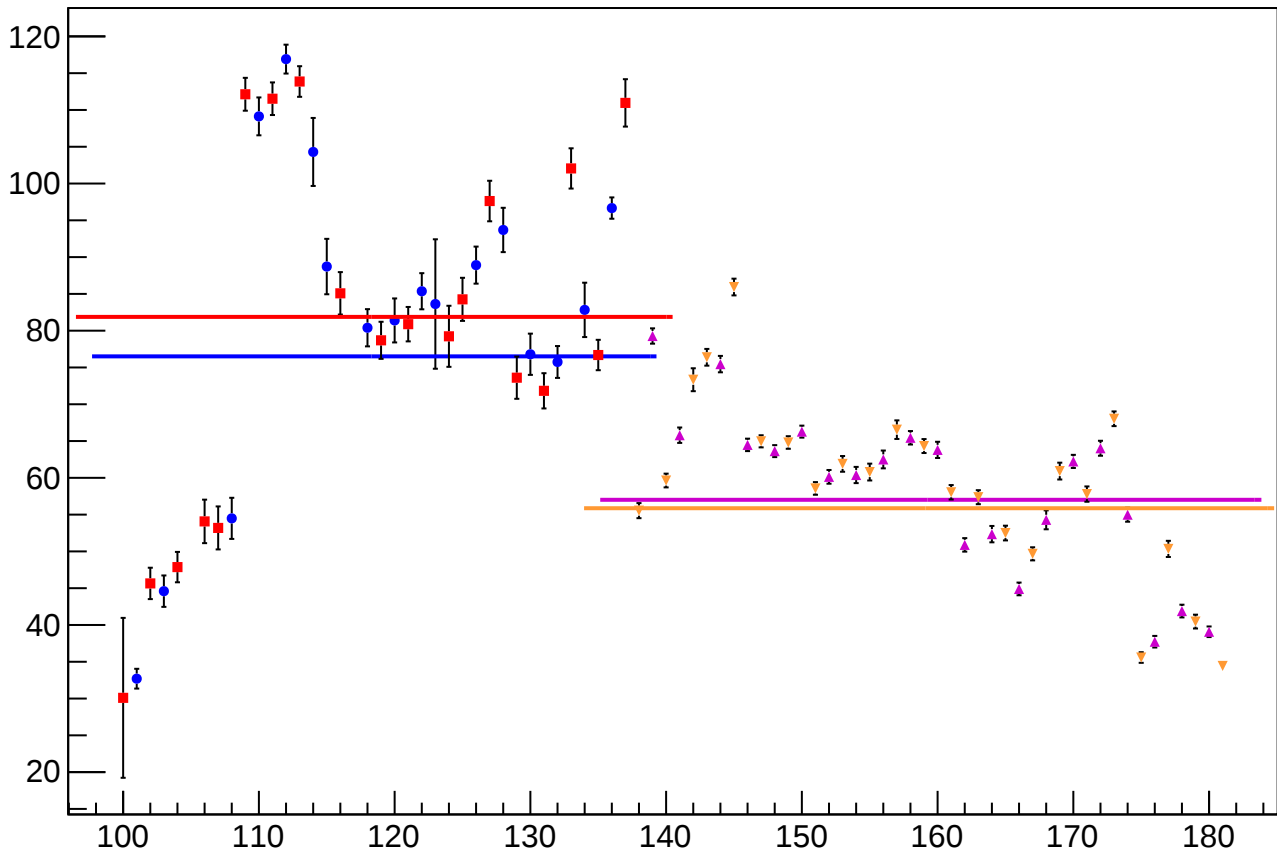
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 0.224 ± 0.139 $\chi^2/\text{NDF}: 1263.6/37$

Out: 0.243 ± 0.136 $\chi^2/\text{NDF}: 1601.8/41$

All: 0.233 ± 0.097 $\chi^2/\text{NDF}: 2865.4/79$

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: 55.869+/-0.200 χ^2/NDF : 4092.9/22

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 57.014+/-0.205 χ^2/NDF : 3110.3/20

Left: 56.426+/-0.143 χ^2/NDF : 7219.2/43

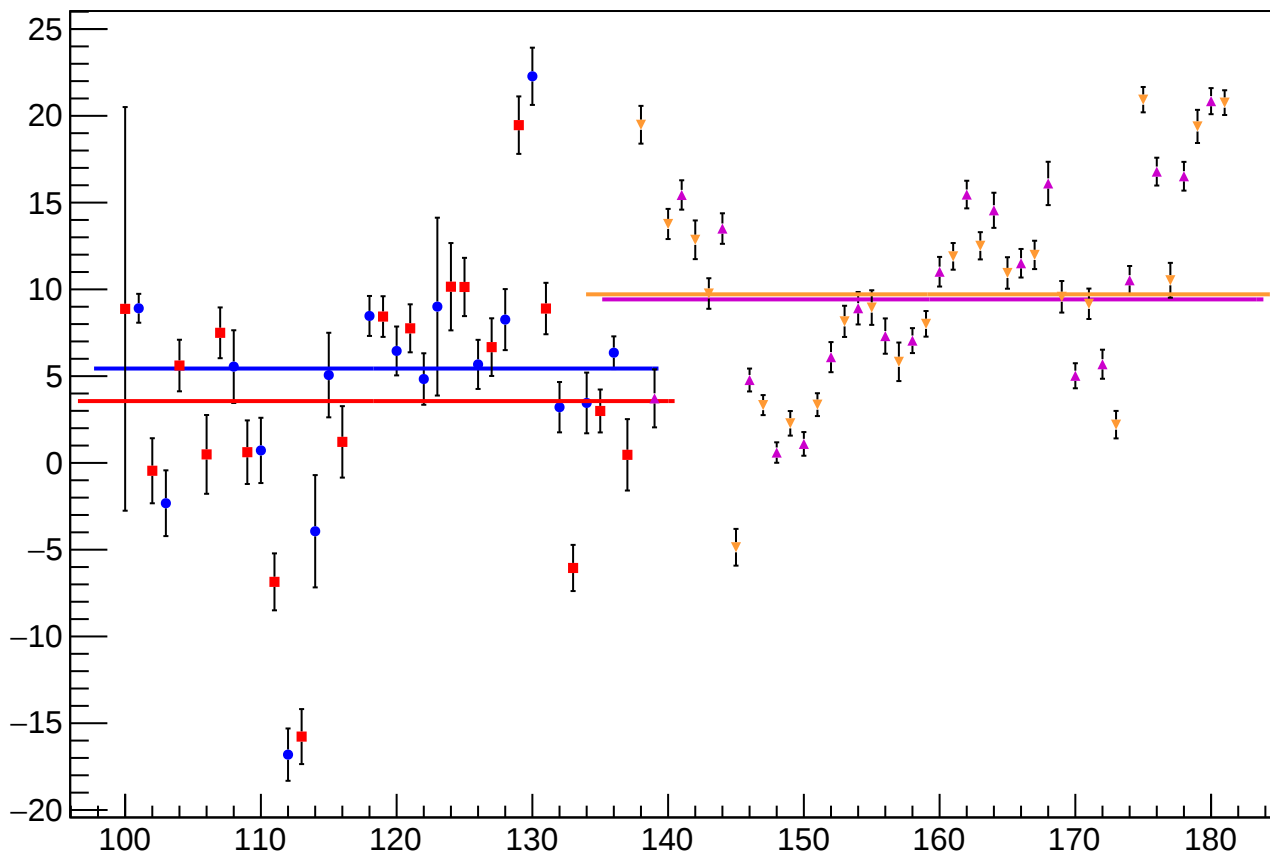
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 59.214+/-0.193 χ^2/NDF : 6384.0/37

Out: 58.523+/-0.189 χ^2/NDF : 7398.1/41

All: 58.861+/-0.135 χ^2/NDF : 13788.6/79

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 9.714 ± 0.173 χ^2/NDF : 1346.6/22

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

Left In: 9.422 ± 0.178 χ^2/NDF : 1106.4/20

Left: 9.573 ± 0.124 χ^2/NDF : 2454.4/43

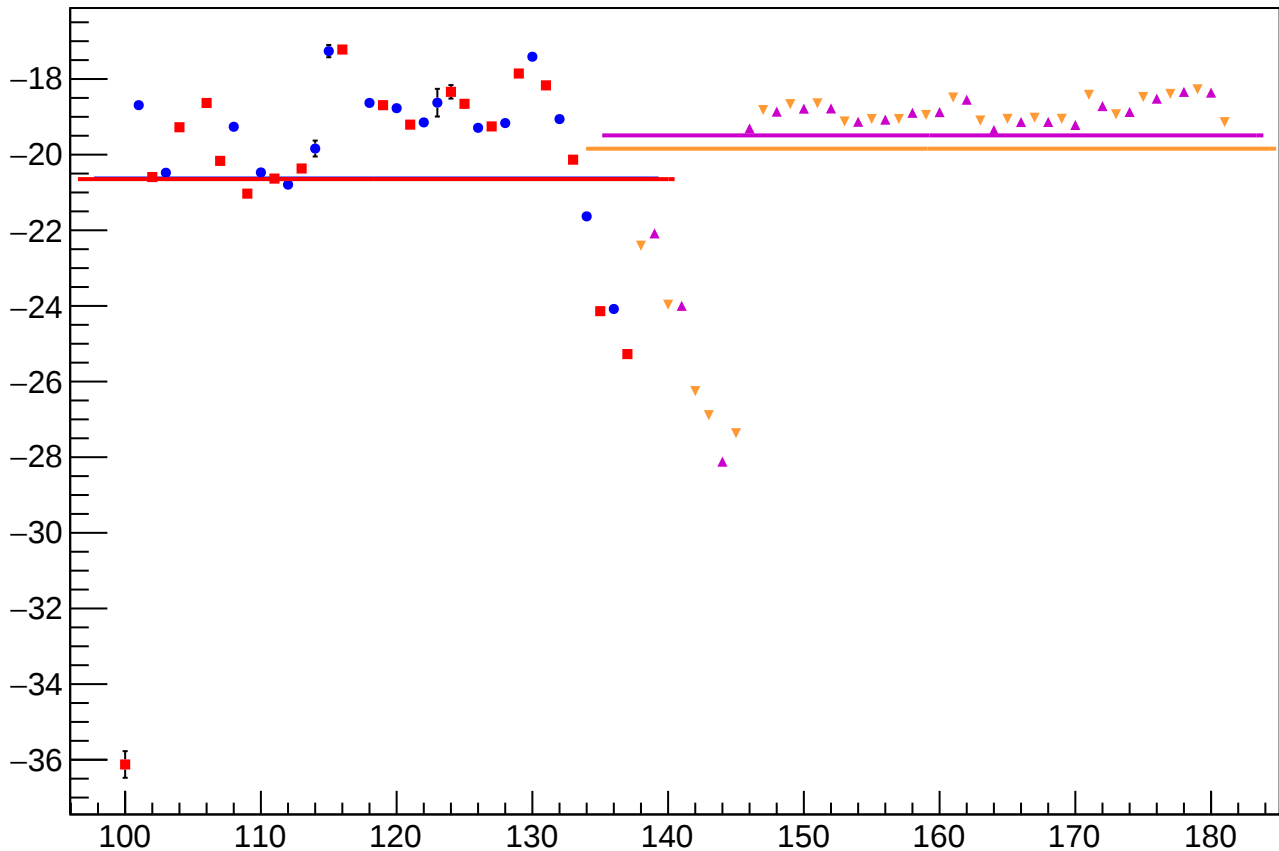
Right: 4.545 ± 0.259 χ^2/NDF : 820.1/35

In: 8.628 ± 0.160 χ^2/NDF : 1591.8/37

Out: 8.635 ± 0.157 χ^2/NDF : 1989.3/41

All: 8.632 ± 0.112 χ^2/NDF : 3581.1/79

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.843 ± 0.008 $\chi^2/\text{NDF}: 90425.1/22$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.491 ± 0.008 $\chi^2/\text{NDF}: 53689.8/20$

Left: -19.669 ± 0.006 $\chi^2/\text{NDF}: 145029.0/43$

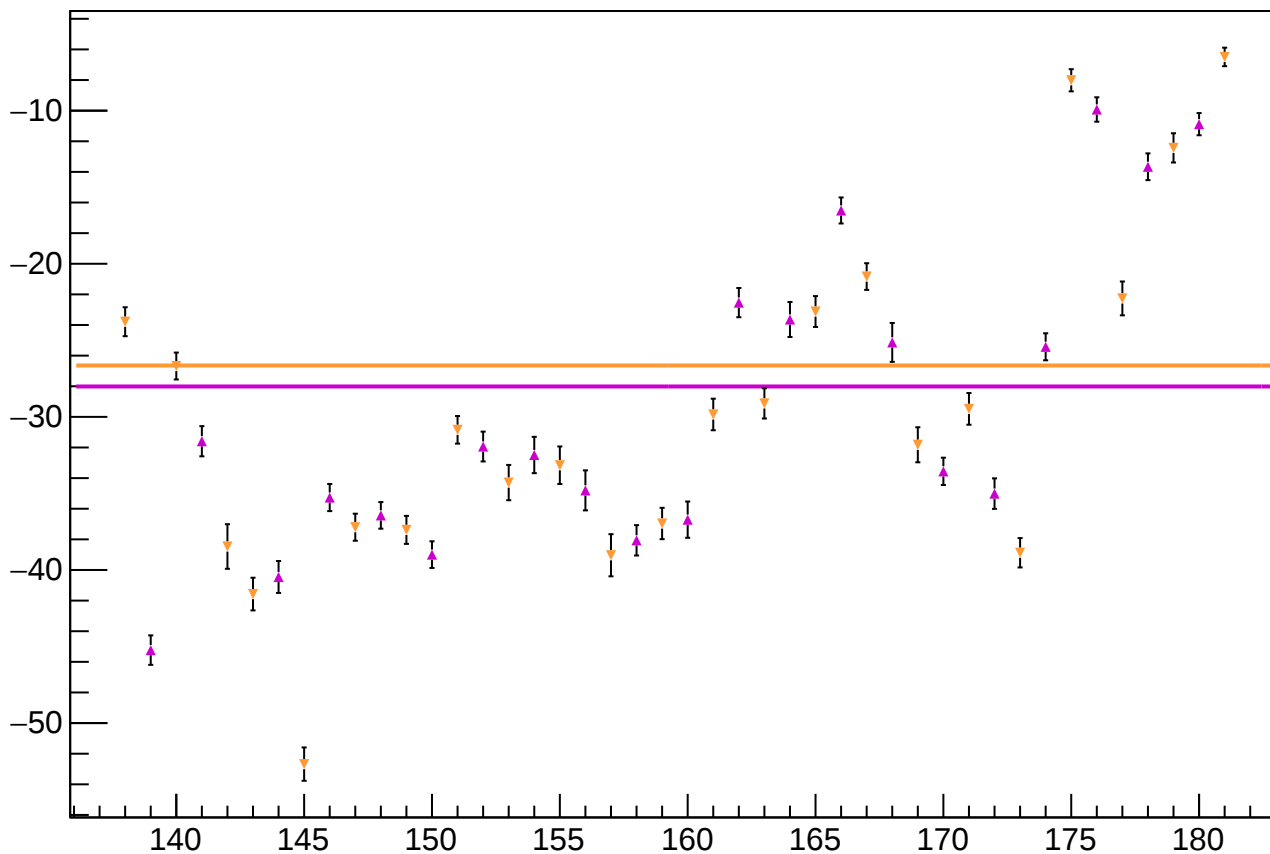
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.668 ± 0.008 $\chi^2/\text{NDF}: 69143.5/37$

Out: -19.964 ± 0.008 $\chi^2/\text{NDF}: 105790.8/41$

All: -19.817 ± 0.005 $\chi^2/\text{NDF}: 175697.4/79$

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: -26.643+/-0.201 χ^2/NDF :3672.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.014+/-0.207 χ^2/NDF :2685.0/20

Left: -27.306+/-0.144 χ^2/NDF : 6380.3/43

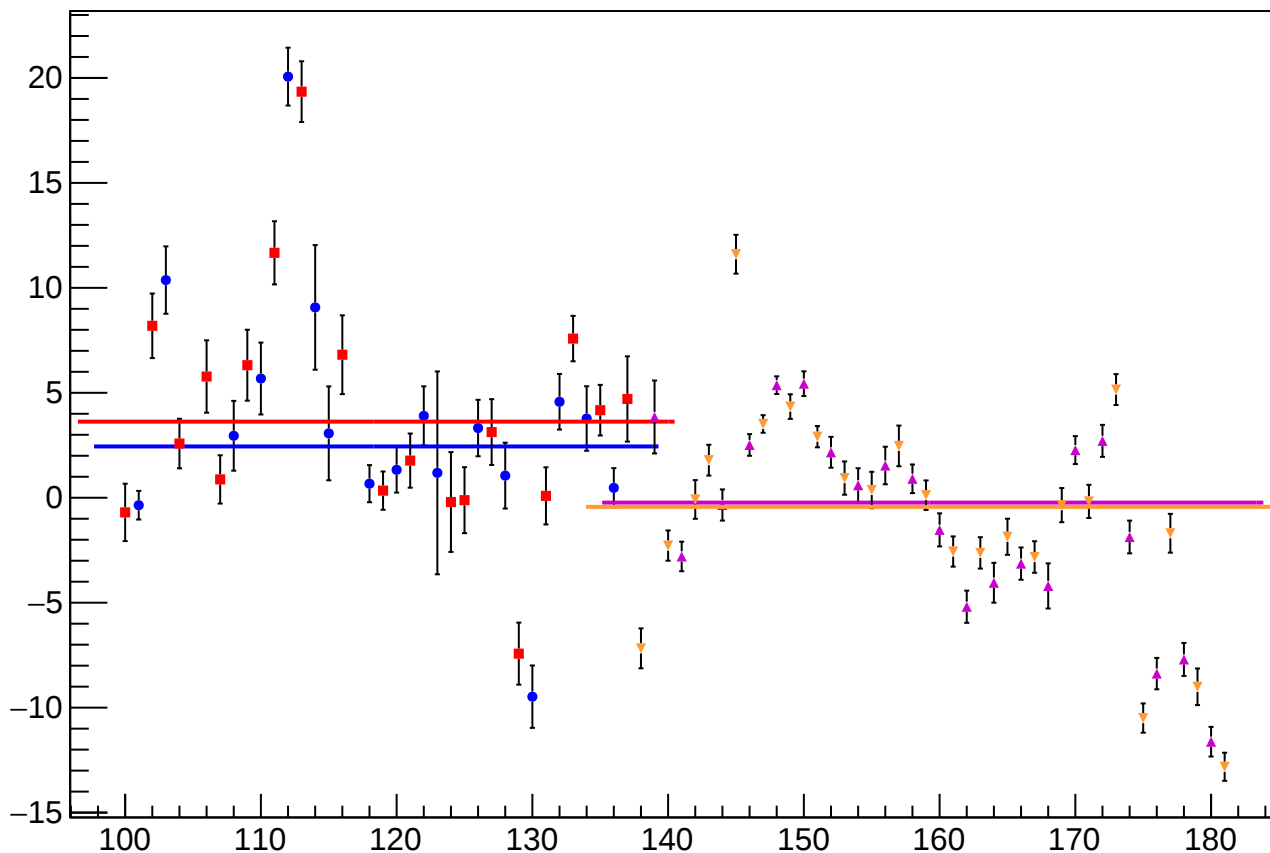
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.014+/-0.207 χ^2/NDF :2685.0/20

Out: -26.643+/-0.201 χ^2/NDF :3672.7/22

All: -27.306+/-0.144 χ^2/NDF : 6380.3/43

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 $\chi^2/\text{NDF}: 292.7/16$

Left Out: -0.433 ± 0.150 $\chi^2/\text{NDF}: 1185.5/22$

Right Out: 3.626 ± 0.318 $\chi^2/\text{NDF}: 278.9/18$

Left In: -0.231 ± 0.156 $\chi^2/\text{NDF}: 925.0/20$

Left: -0.336 ± 0.108 $\chi^2/\text{NDF}: 2111.3/43$

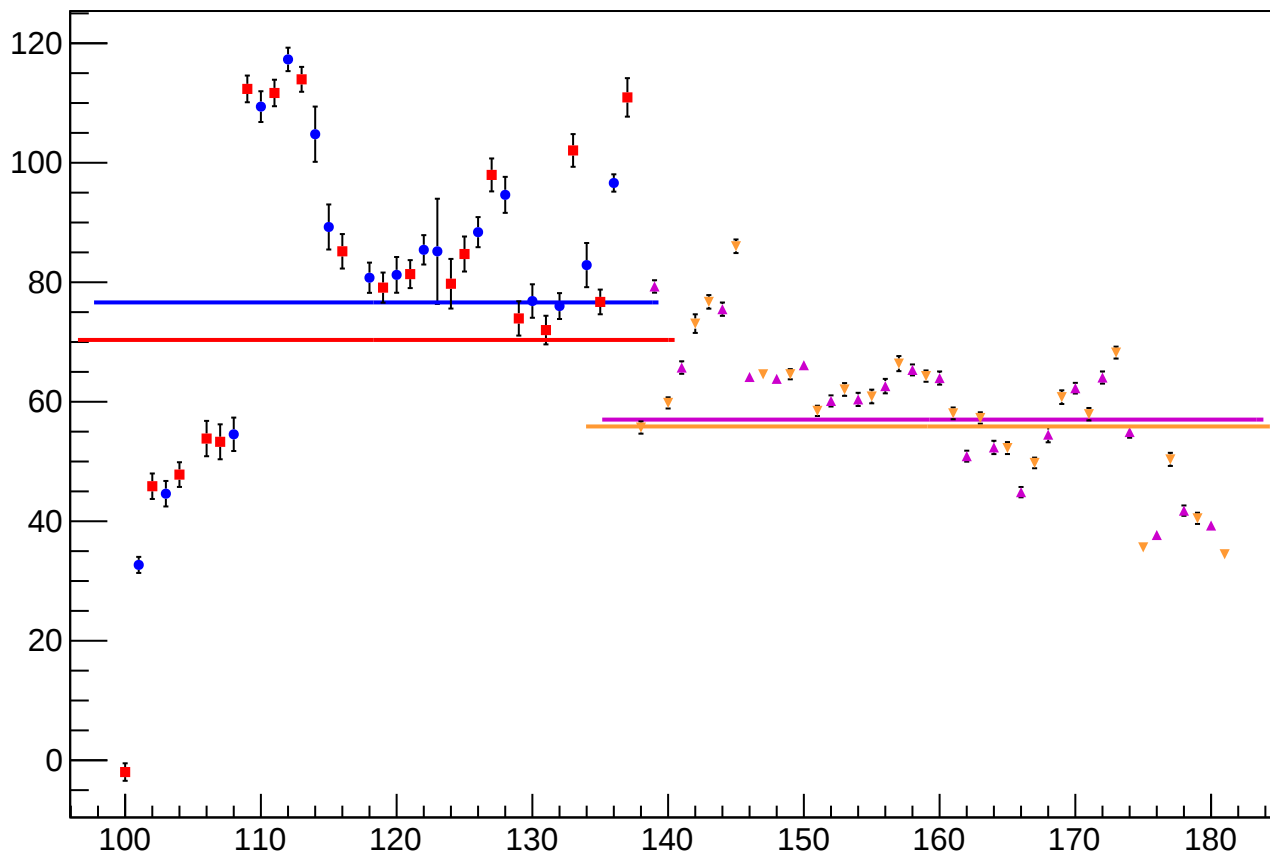
Right: 3.024 ± 0.223 $\chi^2/\text{NDF}: 578.6/35$

In: 0.304 ± 0.139 $\chi^2/\text{NDF}: 1276.7/37$

Out: 0.308 ± 0.136 $\chi^2/\text{NDF}: 1597.7/41$

All: 0.306 ± 0.097 $\chi^2/\text{NDF}: 2874.3/79$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 55.868 $\pm$ 0.200 χ^2 /NDF: 4081.7/22

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 57.016 $\pm$ 0.205 χ^2 /NDF: 3093.2/20

Left: 56.427 $\pm$ 0.143 χ^2 /NDF: 7191.0/43

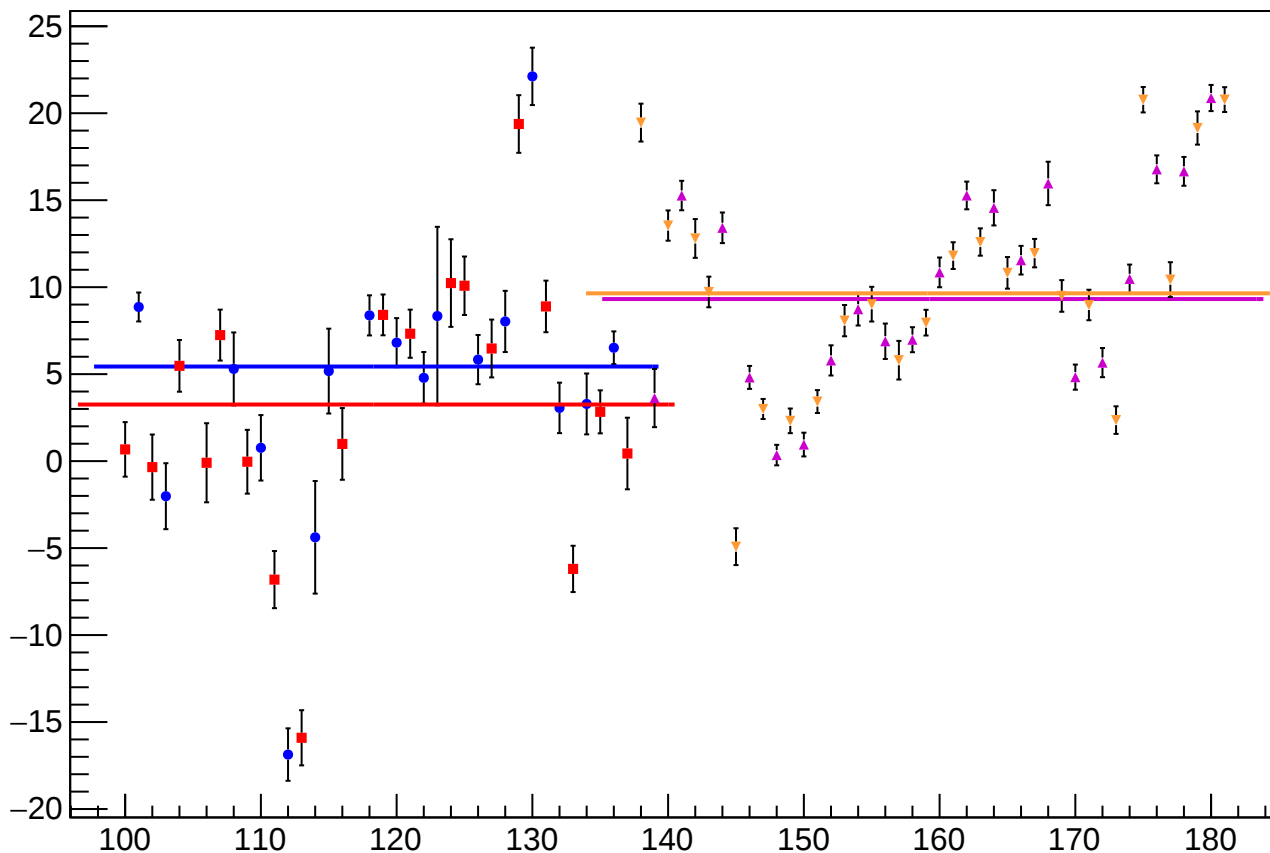
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 59.230 $\pm$ 0.193 χ^2 /NDF: 6389.8/37

Out: 57.555 $\pm$ 0.188 χ^2 /NDF: 9082.9/41

All: 58.369 $\pm$ 0.135 χ^2 /NDF: 15511.4/79

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: 9.646 ± 0.173 $\chi^2/\text{NDF}: 1340.3/22$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 9.317 ± 0.179 $\chi^2/\text{NDF}: 1126.1/20$

Left: 9.486 ± 0.124 $\chi^2/\text{NDF}: 2468.2/43$

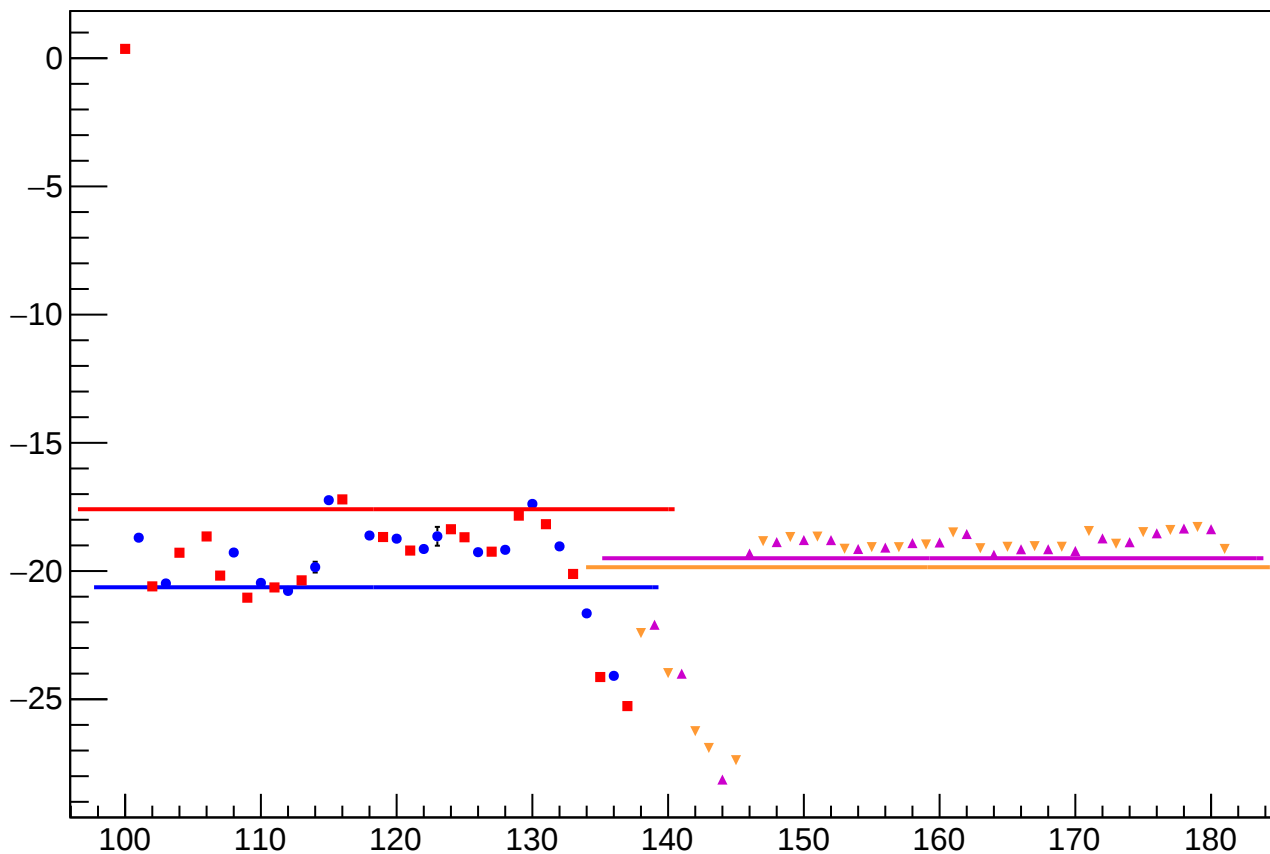
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 8.544 ± 0.160 $\chi^2/\text{NDF}: 1604.7/37$

Out: 8.473 ± 0.156 $\chi^2/\text{NDF}: 2014.3/41$

All: 8.507 ± 0.112 $\chi^2/\text{NDF}: 3619.1/79$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -19.851 $\pm$ 0.008 χ^2 /NDF: 90311.4/22

Right Out: -17.589 $\pm$ 0.018 χ^2 /NDF: 178672.3/18

Left In: -19.500 $\pm$ 0.008 χ^2 /NDF: 53645.2/20

Left: -19.678 $\pm$ 0.006 χ^2 /NDF: 144862.2/43

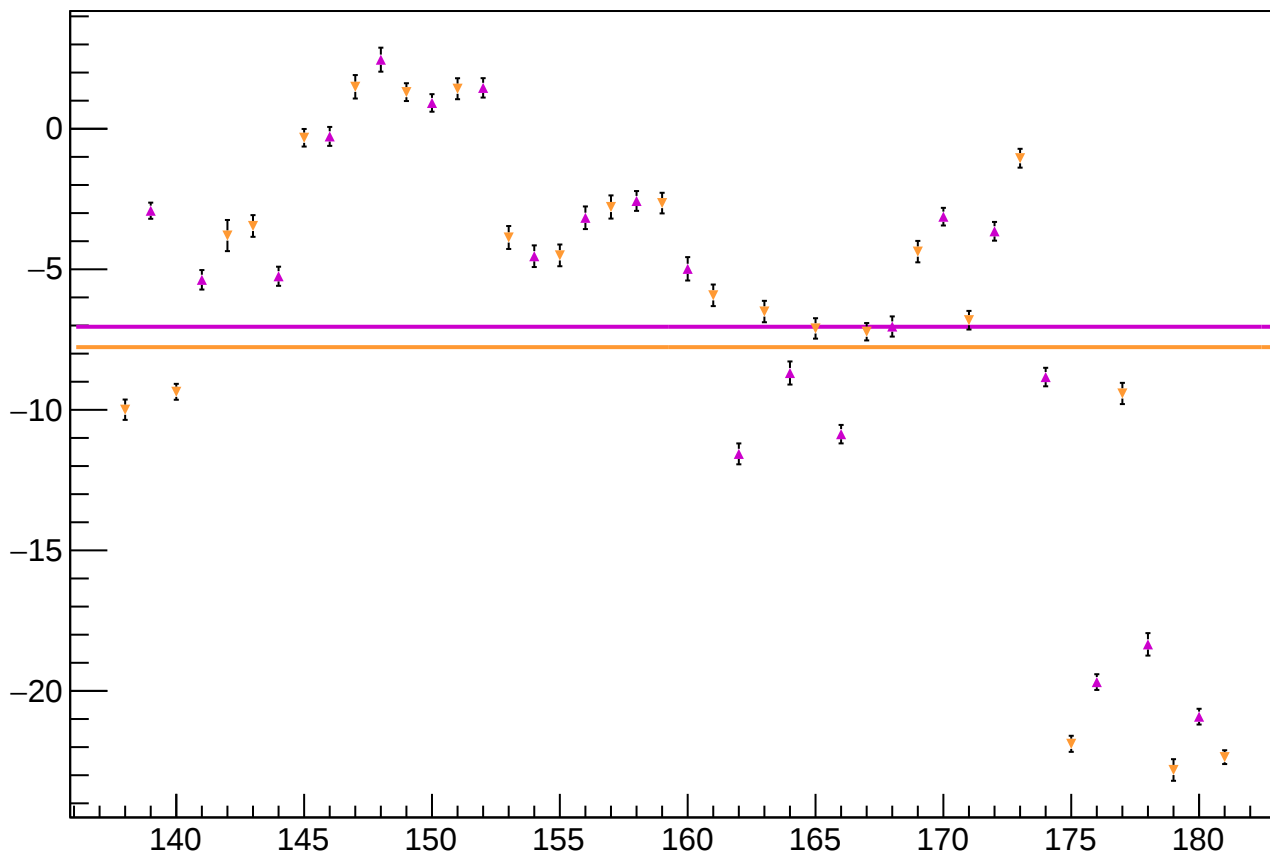
Right: -19.006 $\pm$ 0.013 χ^2 /NDF: 204500.0/35

In: -19.676 $\pm$ 0.008 χ^2 /NDF: 69092.5/37

Out: -19.463 $\pm$ 0.007 χ^2 /NDF: 282048.5/41

All: -19.568 $\pm$ 0.005 χ^2 /NDF: 351540.1/79

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



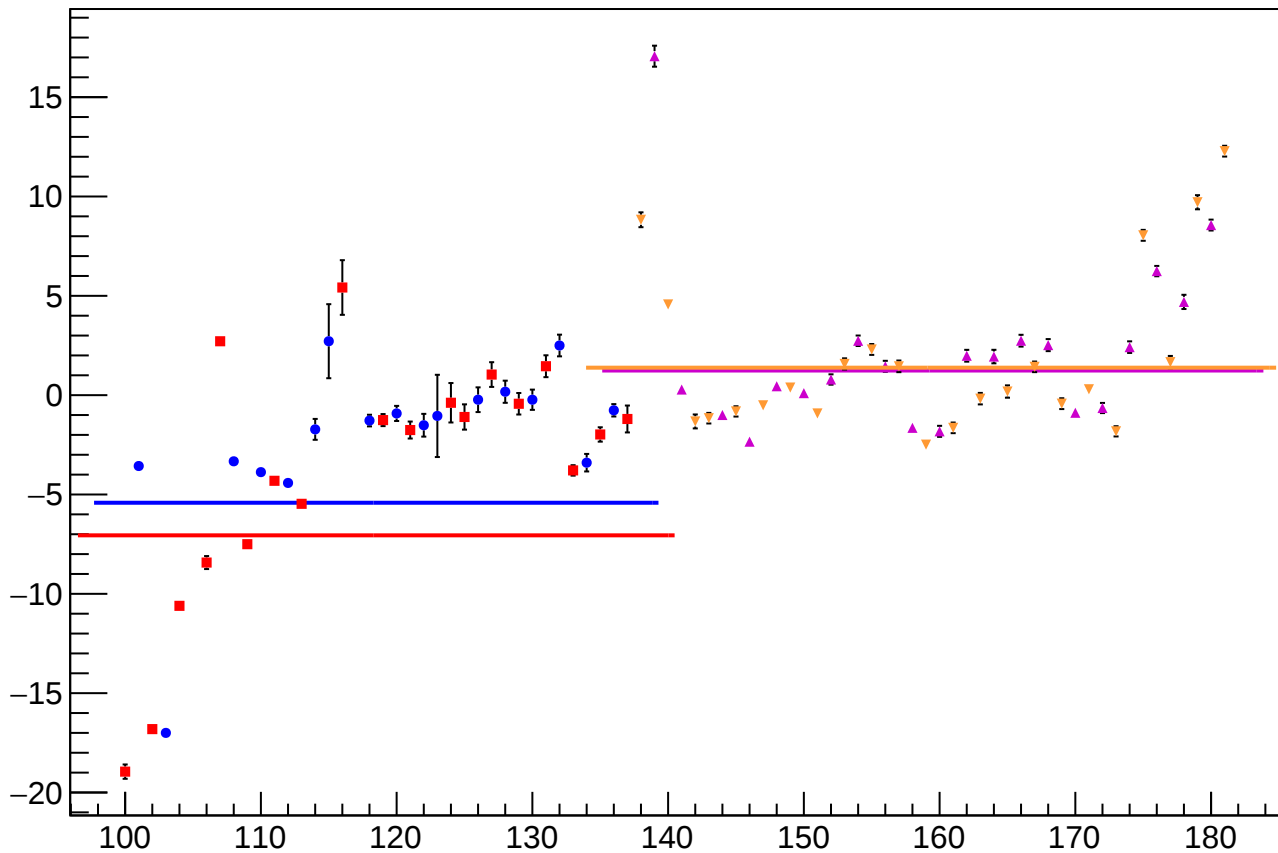
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.769+/-0.073 χ^2/NDF :11273.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.044+/-0.075 χ^2/NDF :8615.4/20

Left: -7.416+/-0.052 χ^2/NDF : 19937.3/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.044+/-0.075 χ^2/NDF :8615.4/20
 Out: -7.769+/-0.073 χ^2/NDF :11273.7/22

All: -7.416+/-0.052 χ^2/NDF : 19937.3/43

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2/NDF : 9255.1/16

Left Out: 1.384 $\pm$ 0.056 χ^2/NDF : 4403.9/22

Right Out: -7.056 $\pm$ 0.059 χ^2/NDF : 12334.0/18

Left In: 1.241 $\pm$ 0.058 χ^2/NDF : 2997.6/20

Left: 1.315 $\pm$ 0.040 χ^2/NDF : 7404.6/43

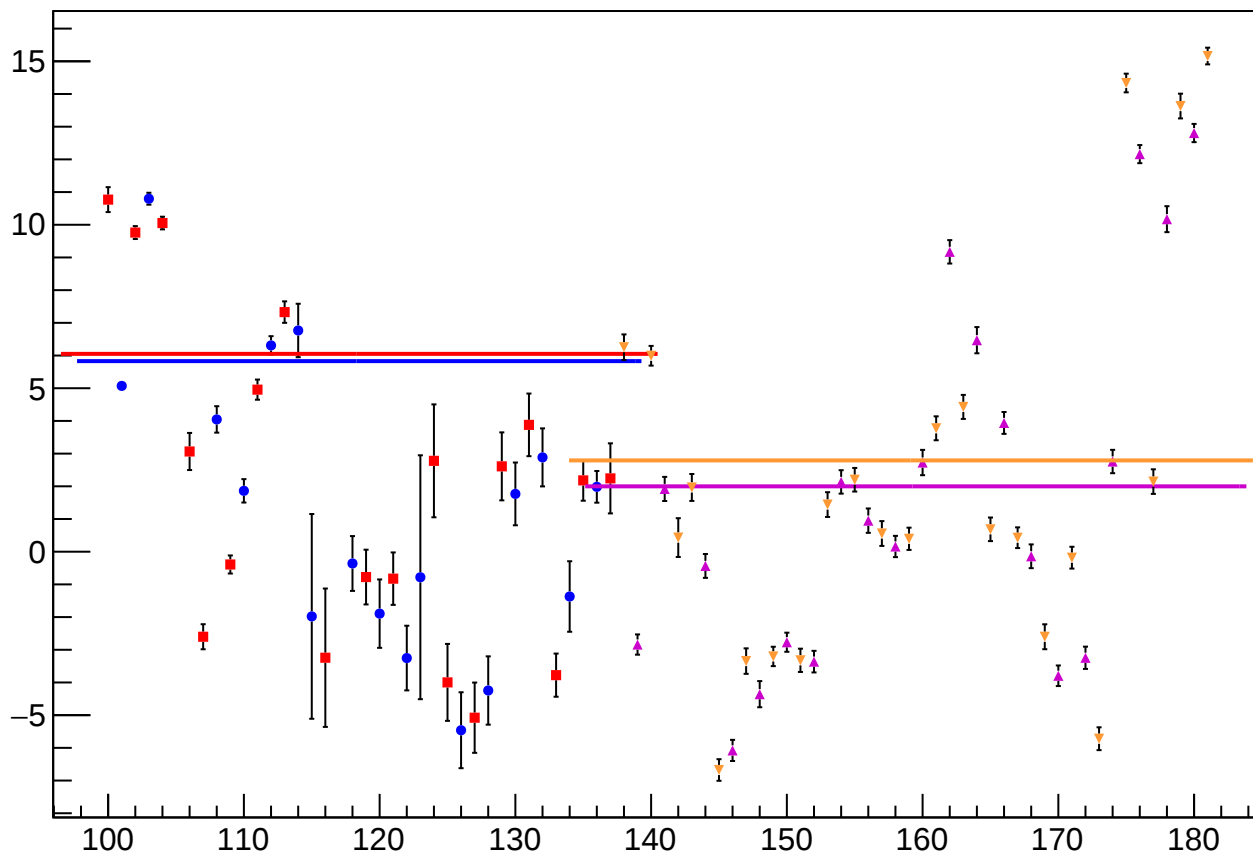
Right: -6.174 $\pm$ 0.040 χ^2/NDF : 22004.4/35

In: -2.272 $\pm$ 0.040 χ^2/NDF : 19229.6/37

Out: -2.583 $\pm$ 0.040 χ^2/NDF : 27576.6/41

All: -2.425 $\pm$ 0.028 χ^2/NDF : 46836.3/79

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 2.792 ± 0.073 $\chi^2/\text{NDF}: 7872.0/22$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 1.999 ± 0.074 $\chi^2/\text{NDF}: 6186.3/20$

Left: 2.403 ± 0.052 $\chi^2/\text{NDF}: 14116.8/43$

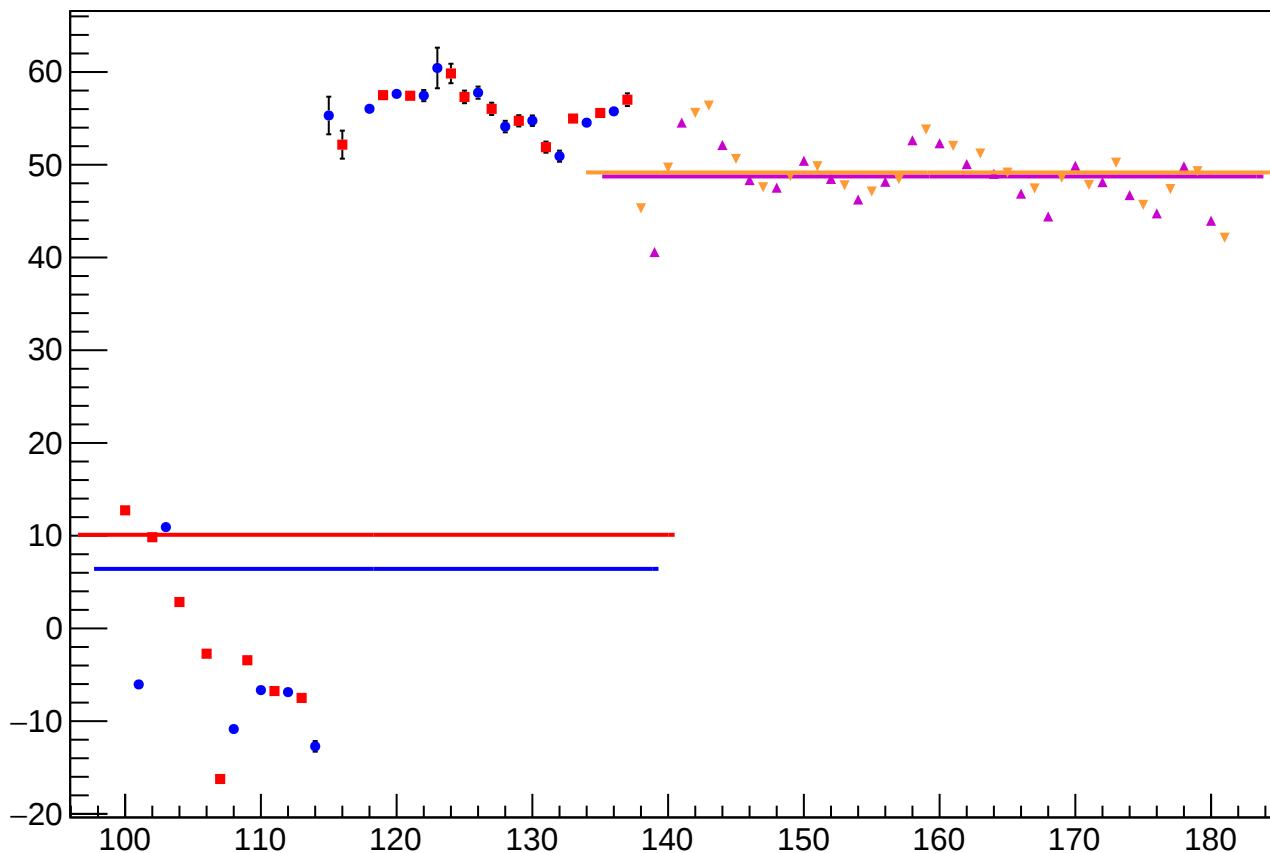
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.553 ± 0.057 $\chi^2/\text{NDF}: 8720.1/37$

Out: 4.021 ± 0.057 $\chi^2/\text{NDF}: 11306.1/41$

All: 3.786 ± 0.040 $\chi^2/\text{NDF}: 20059.8/79$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.171 ± 0.063 χ^2/NDF : 2244.4/22

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 48.735 ± 0.065 χ^2/NDF : 2033.8/20

Left: 48.961 ± 0.045 χ^2/NDF : 4301.1/43

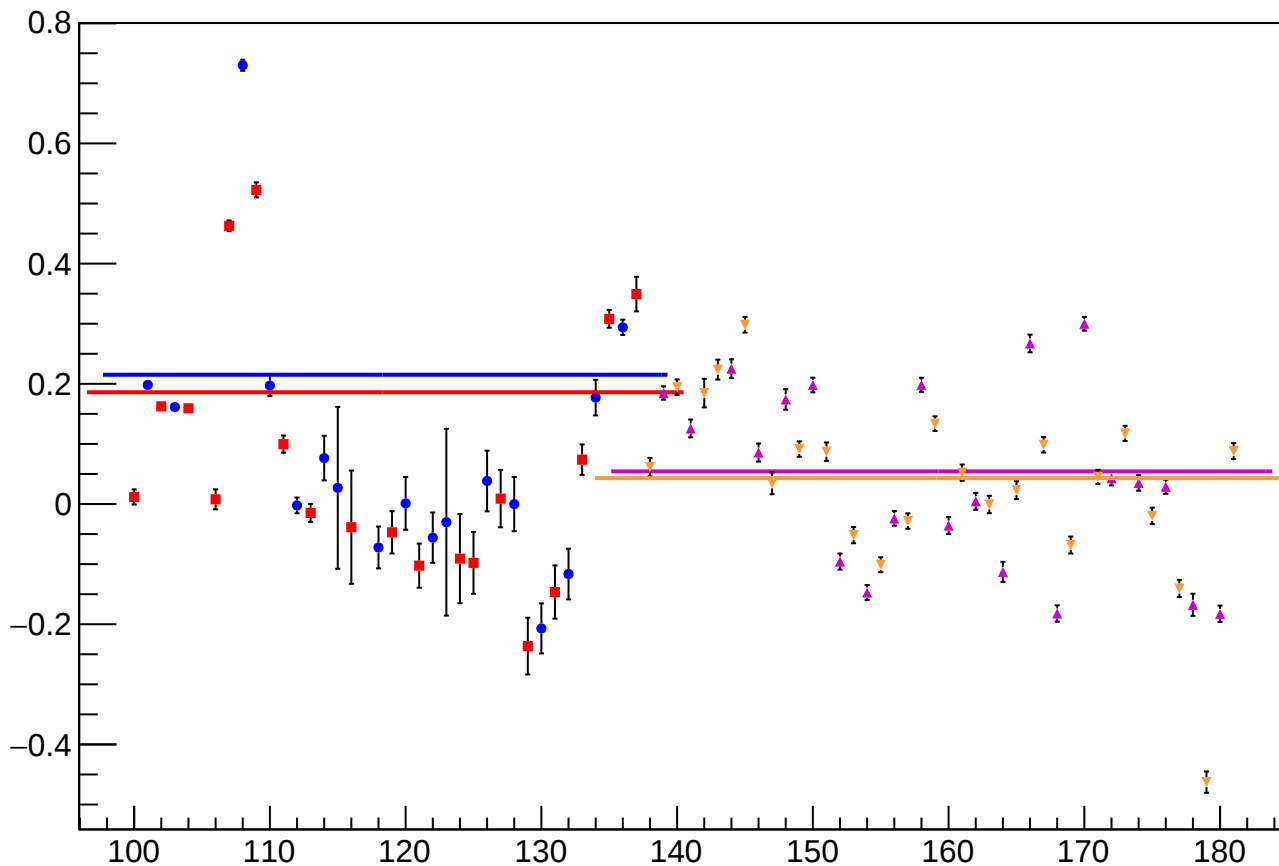
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 27.354 ± 0.046 χ^2/NDF : 336530.1/37

Out: 31.507 ± 0.047 χ^2/NDF : 296524.3/41

All: 29.392 ± 0.033 χ^2/NDF : 637052.1/79

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: 0.043 $\pm$ 0.003 χ^2 /NDF:2107.9/22

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.054 $\pm$ 0.003 χ^2 /NDF:2625.4/20

Left: 0.049 $\pm$ 0.002 χ^2 /NDF: 4740.7/43

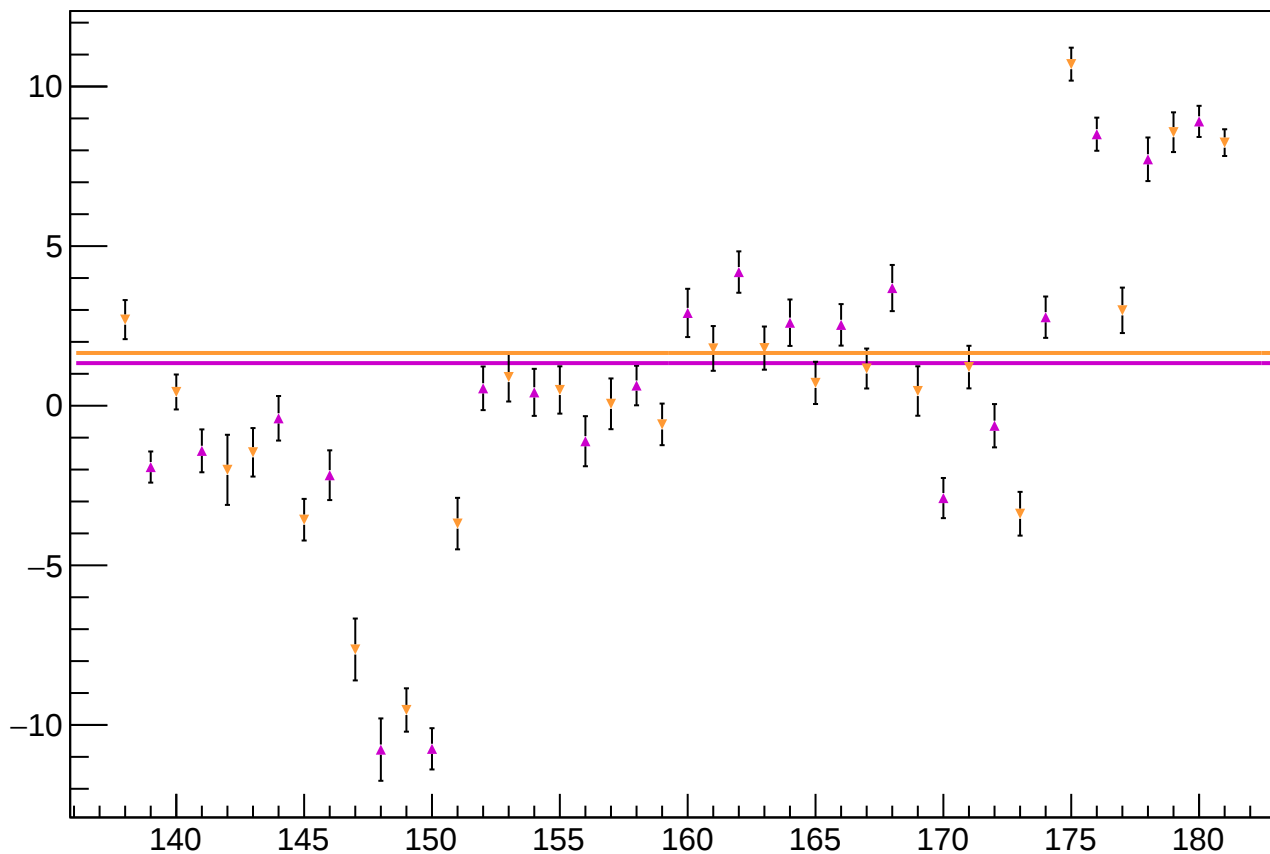
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.139 $\pm$ 0.002 χ^2 /NDF:8144.6/37

Out: 0.120 $\pm$ 0.002 χ^2 /NDF:6128.1/41

All: 0.130 $\pm$ 0.001 χ^2 /NDF: 14318.0/79

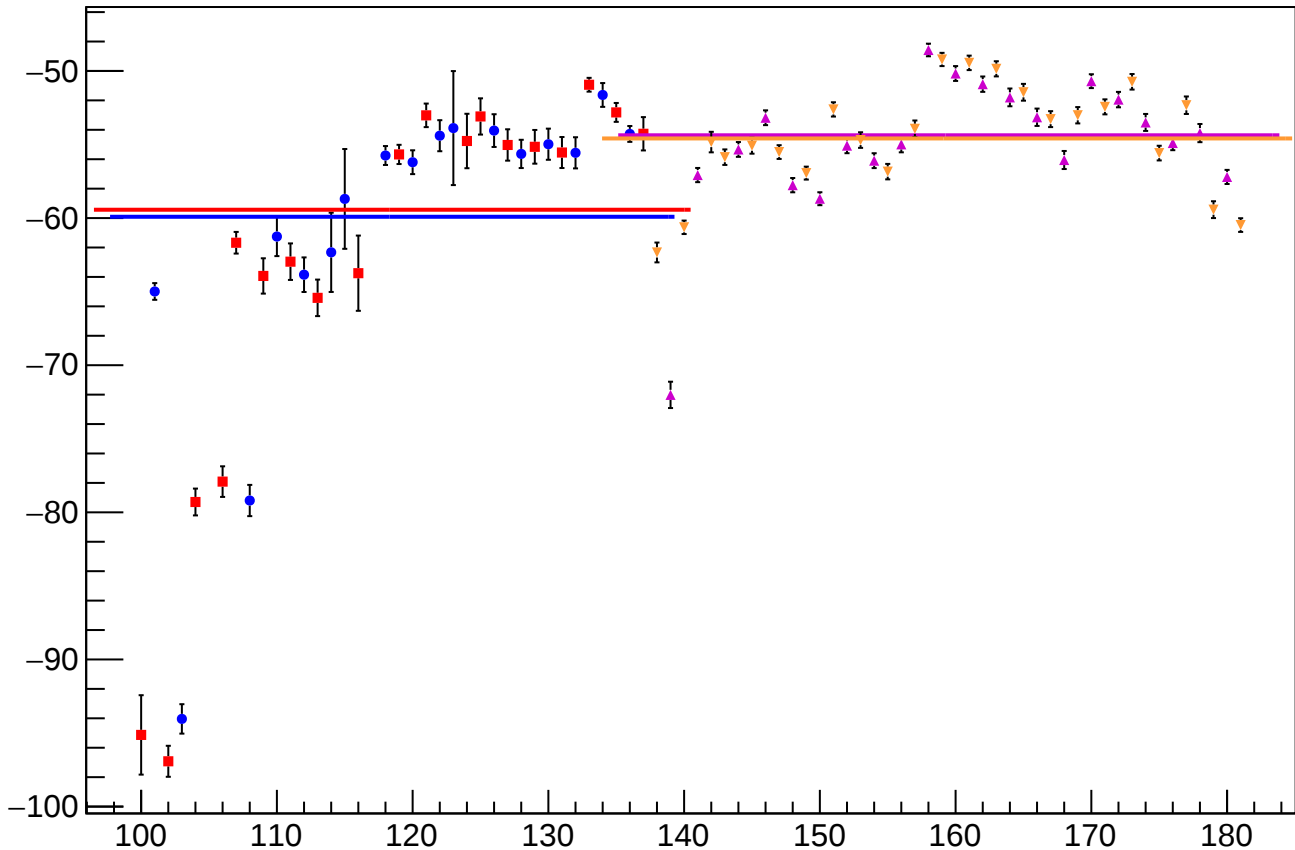
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.652 $\pm$ 0.138 χ^2 /NDF:1267.5/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.335 $\pm$ 0.143 χ^2 /NDF:1222.8/20

Left: 1.498 $\pm$ 0.099 χ^2 /NDF: 2492.9/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.335 $\pm$ 0.143 χ^2 /NDF:1222.8/20
 Out: 1.652 $\pm$ 0.138 χ^2 /NDF:1267.5/22
 All: 1.498 $\pm$ 0.099 χ^2 /NDF: 2492.9/43

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: -54.588 ± 0.109 χ^2/NDF : 1084.0/22

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.373 ± 0.114 χ^2/NDF : 1035.8/20

Left: -54.485 ± 0.078 χ^2/NDF : 2121.6/43

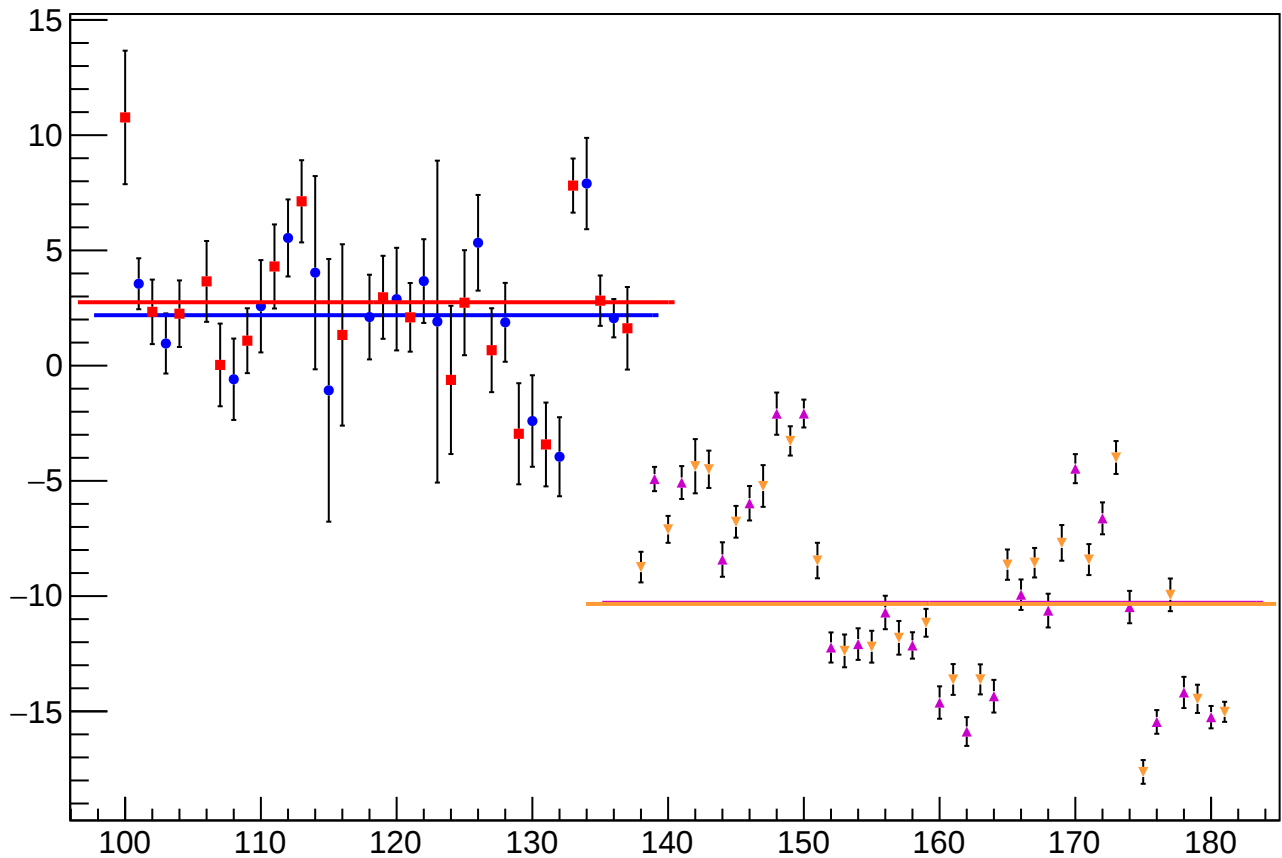
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.511 ± 0.101 χ^2/NDF : 3505.7/37

Out: -55.597 ± 0.097 χ^2/NDF : 4417.5/41

All: -55.556 ± 0.070 χ^2/NDF : 7923.6/79

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -10.340 ± 0.138 $\chi^2/\text{NDF}: 848.7/22$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -10.291 ± 0.141 $\chi^2/\text{NDF}: 991.3/20$

Left: -10.316 ± 0.099 $\chi^2/\text{NDF}: 1840.0/43$

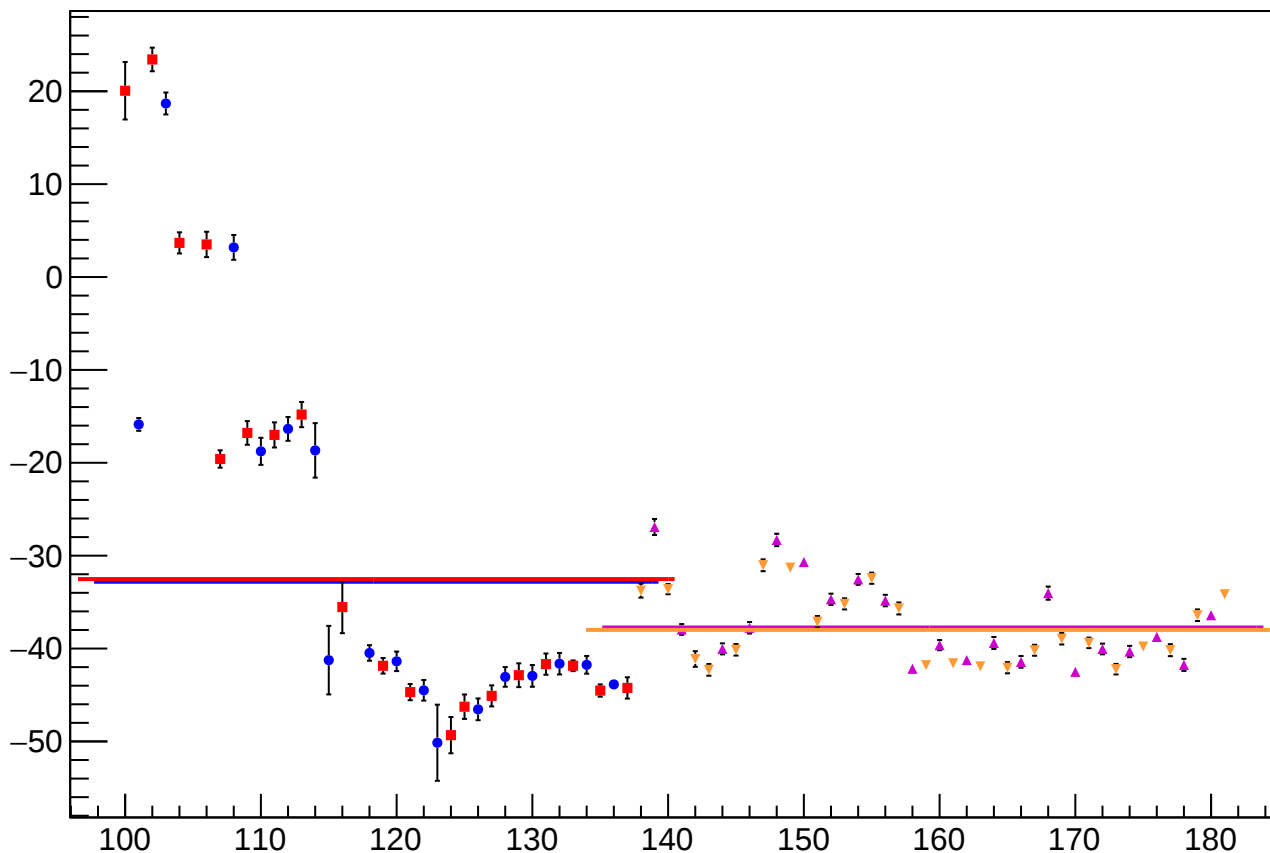
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -8.933 ± 0.133 $\chi^2/\text{NDF}: 1878.5/37$

Out: -8.866 ± 0.130 $\chi^2/\text{NDF}: 1920.7/41$

All: -8.899 ± 0.093 $\chi^2/\text{NDF}: 3799.4/79$

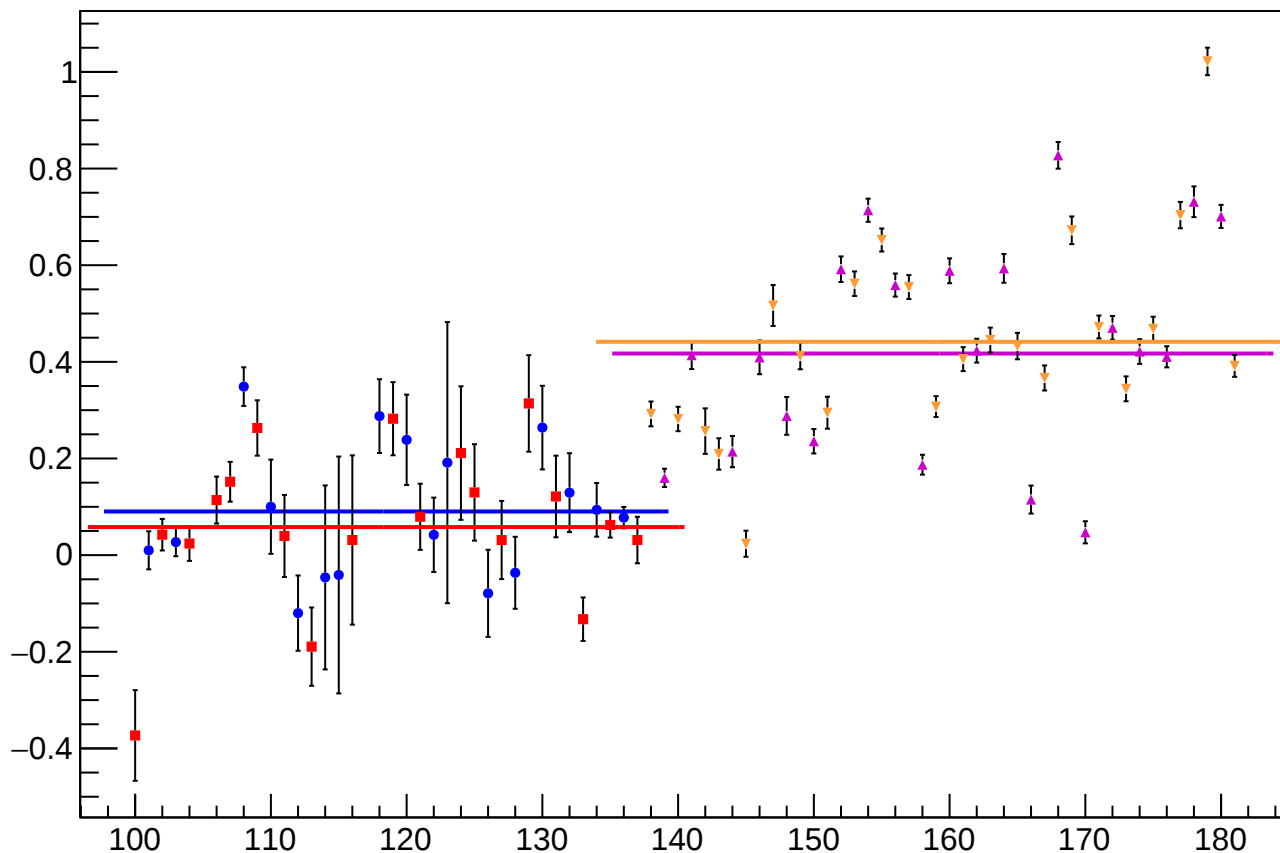
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$
 Left Out: -37.992 ± 0.122 $\chi^2/\text{NDF}: 945.5/22$
 Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$
 Left In: -37.733 ± 0.127 $\chi^2/\text{NDF}: 1077.5/20$

Left: -37.867 ± 0.088 $\chi^2/\text{NDF}: 2025.1/43$
 Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$
 In: -36.752 ± 0.114 $\chi^2/\text{NDF}: 6040.9/37$
 Out: -36.890 ± 0.109 $\chi^2/\text{NDF}: 7388.2/41$
 All: -36.823 ± 0.079 $\chi^2/\text{NDF}: 13429.9/79$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.441 $\pm$ 0.006 χ^2 /NDF:1170.7/22

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.417 $\pm$ 0.006 χ^2 /NDF:1557.1/20

Left: 0.429 $\pm$ 0.004 χ^2 /NDF: 2737.3/43

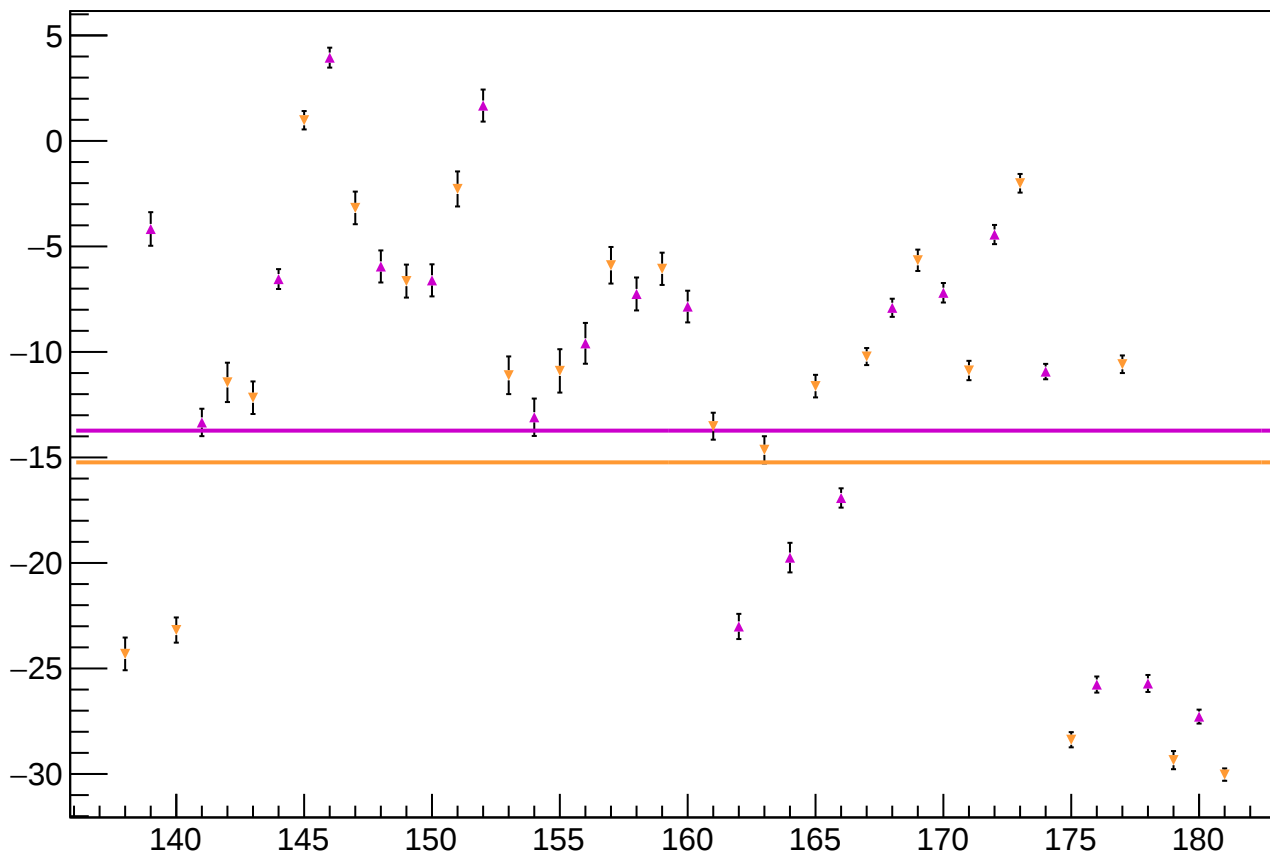
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.364 $\pm$ 0.005 χ^2 /NDF:2189.7/37

Out: 0.375 $\pm$ 0.005 χ^2 /NDF:2082.2/41

All: 0.370 $\pm$ 0.004 χ^2 /NDF: 4274.0/79

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.729+/-0.113 χ^2/NDF : 7315.3/20

Left: -14.496+/-0.079 χ^2/NDF : 16667.0/43

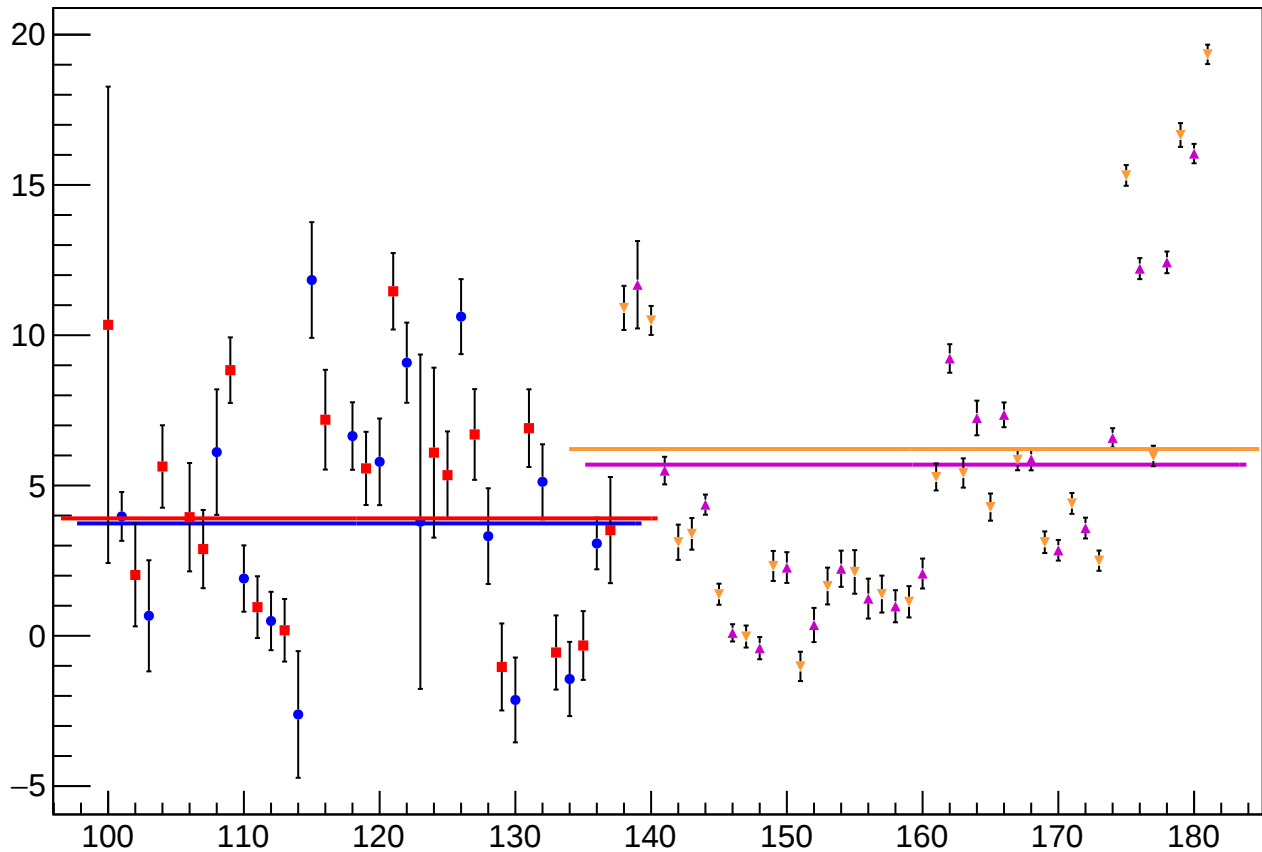
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.729+/-0.113 χ^2/NDF : 7315.3/20

Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

All: -14.496+/-0.079 χ^2/NDF : 16667.0/43

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 6.213 ± 0.089 χ^2/NDF : 4475.0/22

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 5.694 ± 0.089 χ^2/NDF : 2949.4/20

Left: 5.955 ± 0.063 χ^2/NDF : 7441.5/43

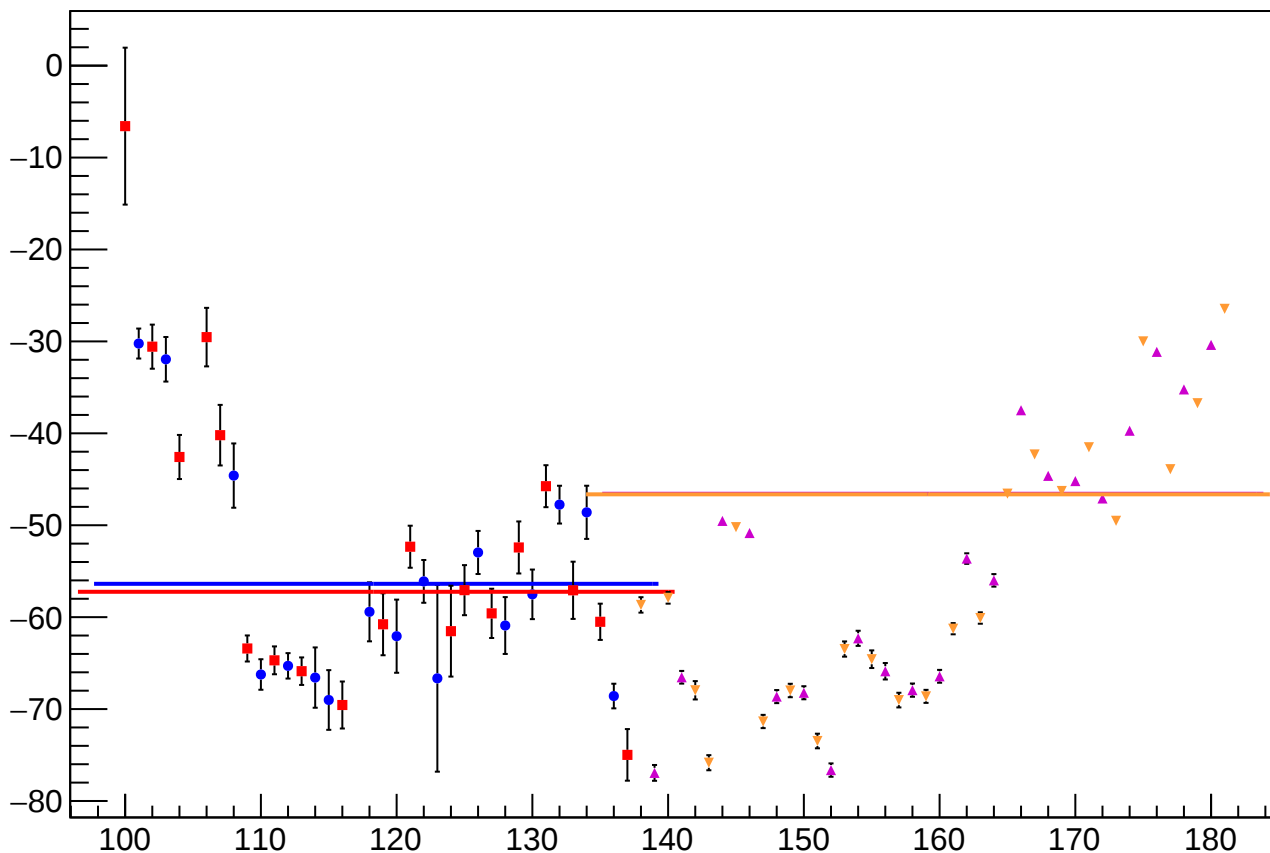
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 5.544 ± 0.086 χ^2/NDF : 3123.2/37

Out: 6.045 ± 0.085 χ^2/NDF : 4659.9/41

All: 5.795 ± 0.060 χ^2/NDF : 7800.4/79

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: -46.638 ± 0.112 χ^2/NDF : 16363.3/22

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -46.576 ± 0.113 χ^2/NDF : 14273.0/20

Left: -46.607 ± 0.079 χ^2/NDF : 30636.4/43

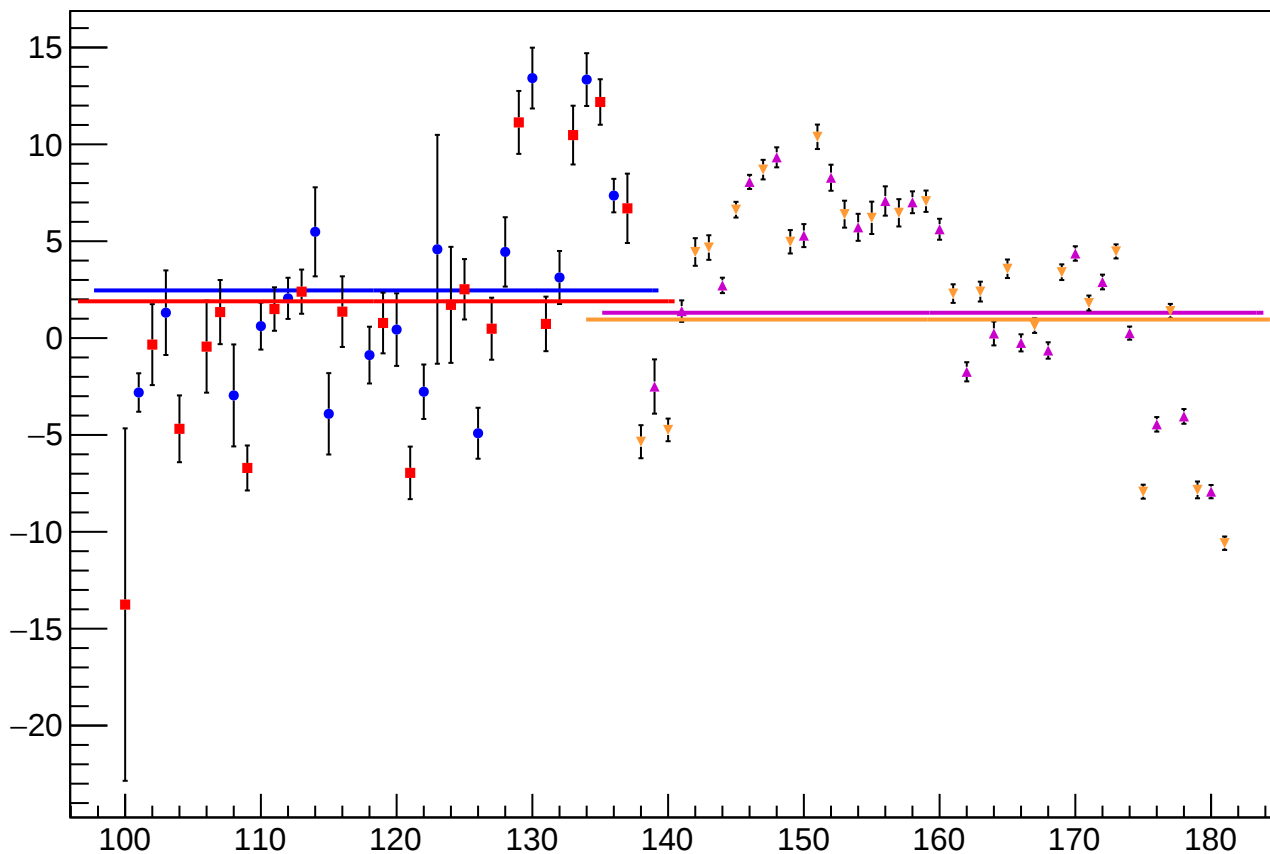
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -46.984 ± 0.111 χ^2/NDF : 15172.6/37

Out: -47.079 ± 0.109 χ^2/NDF : 17214.7/41

All: -47.032 ± 0.078 χ^2/NDF : 32387.6/79

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: 0.957 ± 0.099 χ^2/NDF : 3501.9/22

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 1.307 ± 0.100 χ^2/NDF : 2346.9/20

Left: 1.131 ± 0.071 χ^2/NDF : 5854.9/43

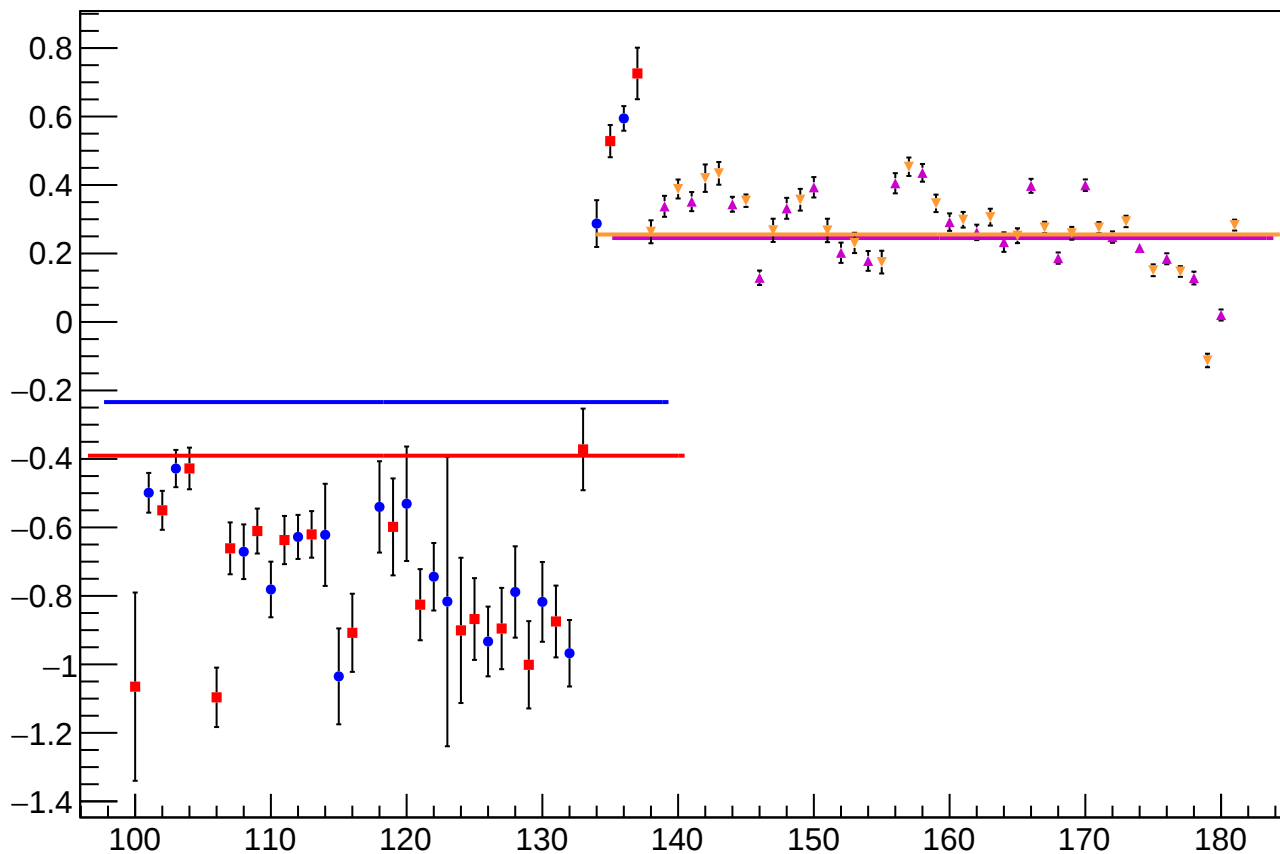
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 1.397 ± 0.096 χ^2/NDF : 2601.1/37

Out: 1.026 ± 0.096 χ^2/NDF : 3776.5/41

All: 1.210 ± 0.068 χ^2/NDF : 6385.0/79

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 $\pm$ 0.019 χ^2 /NDF: 958.3/16

Left Out: 0.256 $\pm$ 0.005 χ^2 /NDF:632.6/22

Right Out: -0.391 $\pm$ 0.019 χ^2 /NDF: 852.7/18

Left In: 0.245 $\pm$ 0.005 χ^2 /NDF:604.4/20

Left: 0.250 $\pm$ 0.003 χ^2 /NDF: 1239.5/43

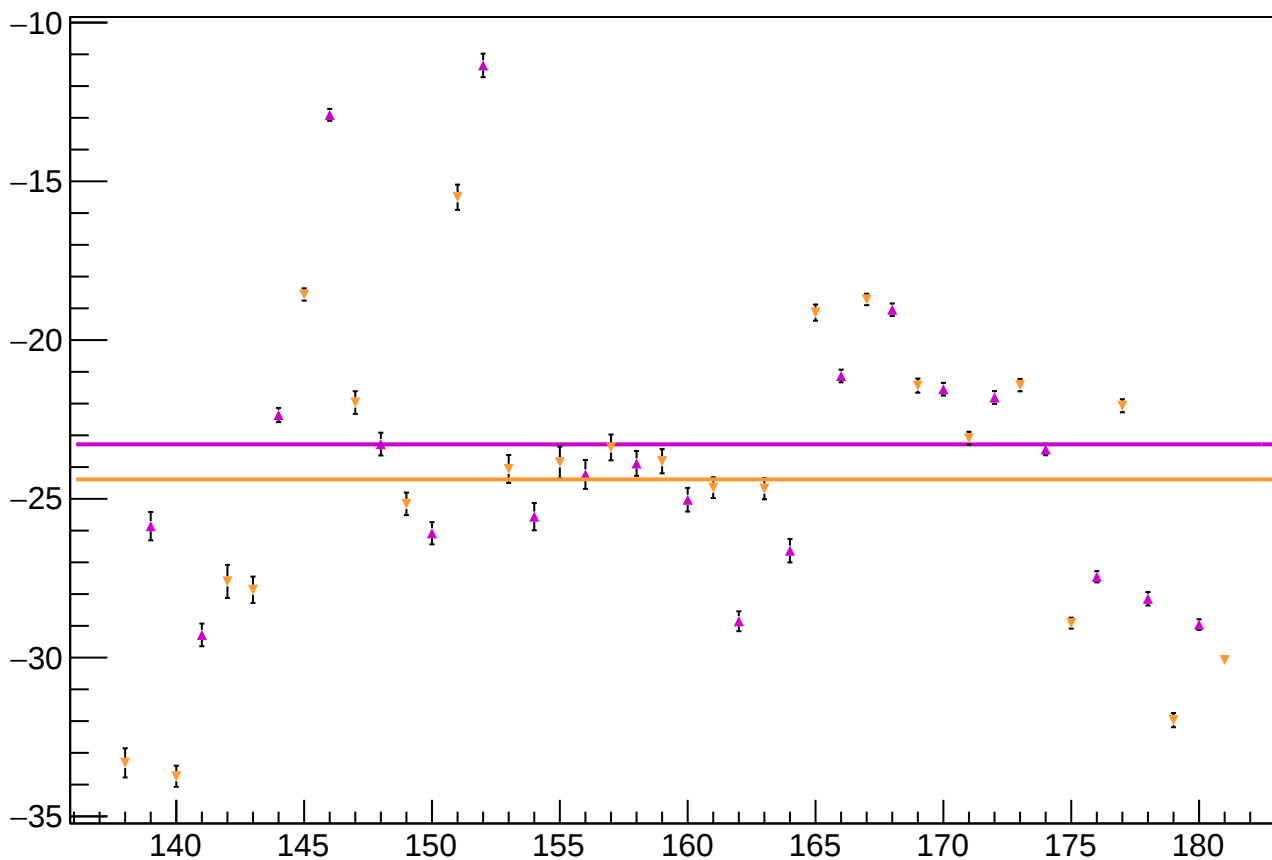
Right: -0.312 $\pm$ 0.013 χ^2 /NDF: 1845.2/35

In: 0.218 $\pm$ 0.004 χ^2 /NDF:2169.7/37

Out: 0.220 $\pm$ 0.004 χ^2 /NDF:2582.8/41

All: 0.219 $\pm$ 0.003 χ^2 /NDF: 4752.6/79

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: -24.387+/-0.053 χ^2/NDF :7962.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.285+/-0.054 χ^2/NDF :7887.7/20

Left: -23.839+/-0.038 χ^2/NDF : 16061.9/43

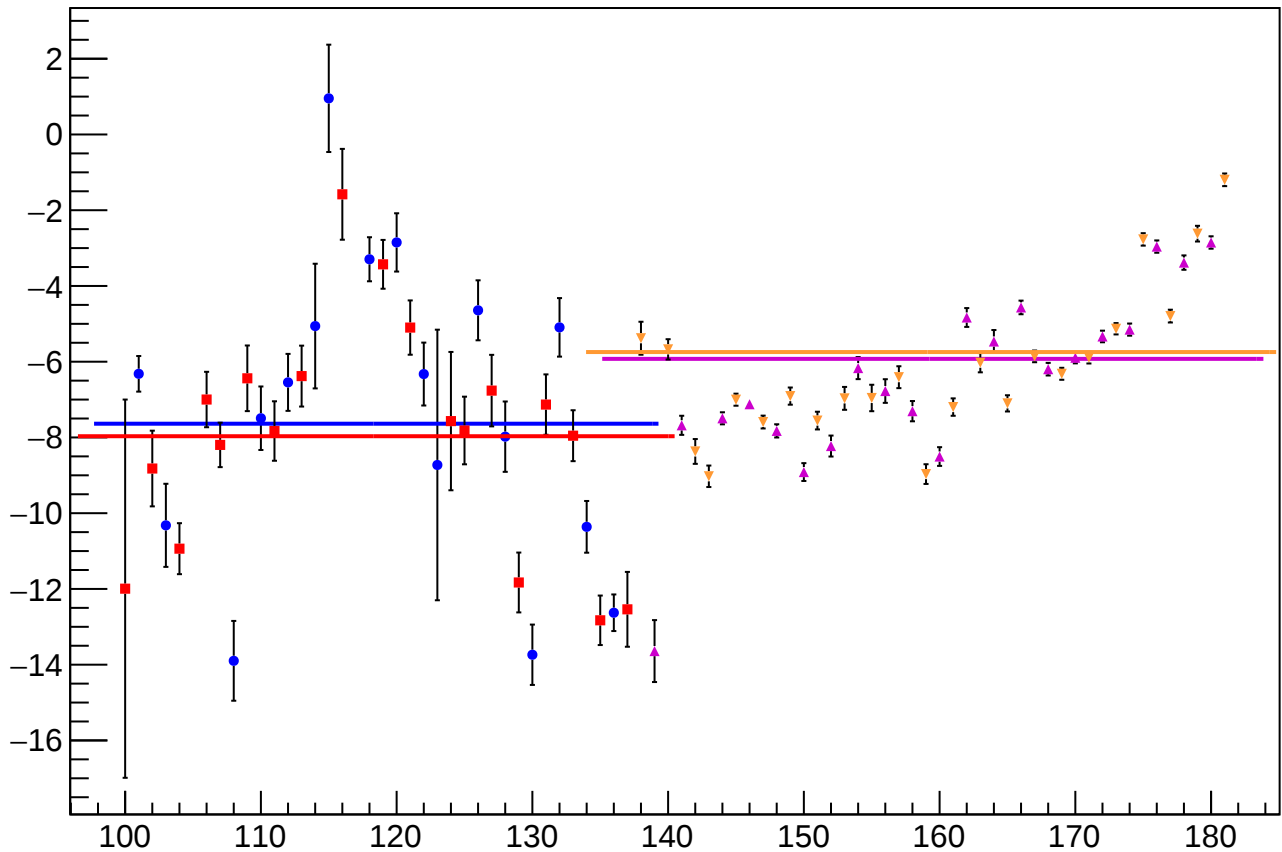
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.285+/-0.054 χ^2/NDF :7887.7/20

Out: -24.387+/-0.053 χ^2/NDF :7962.8/22

All: -23.839+/-0.038 χ^2/NDF : 16061.9/43

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: -5.745 ± 0.042 χ^2/NDF : 2093.3/22

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -5.925 ± 0.042 χ^2/NDF : 1813.5/20

Left: -5.836 ± 0.030 χ^2/NDF : 3915.9/43

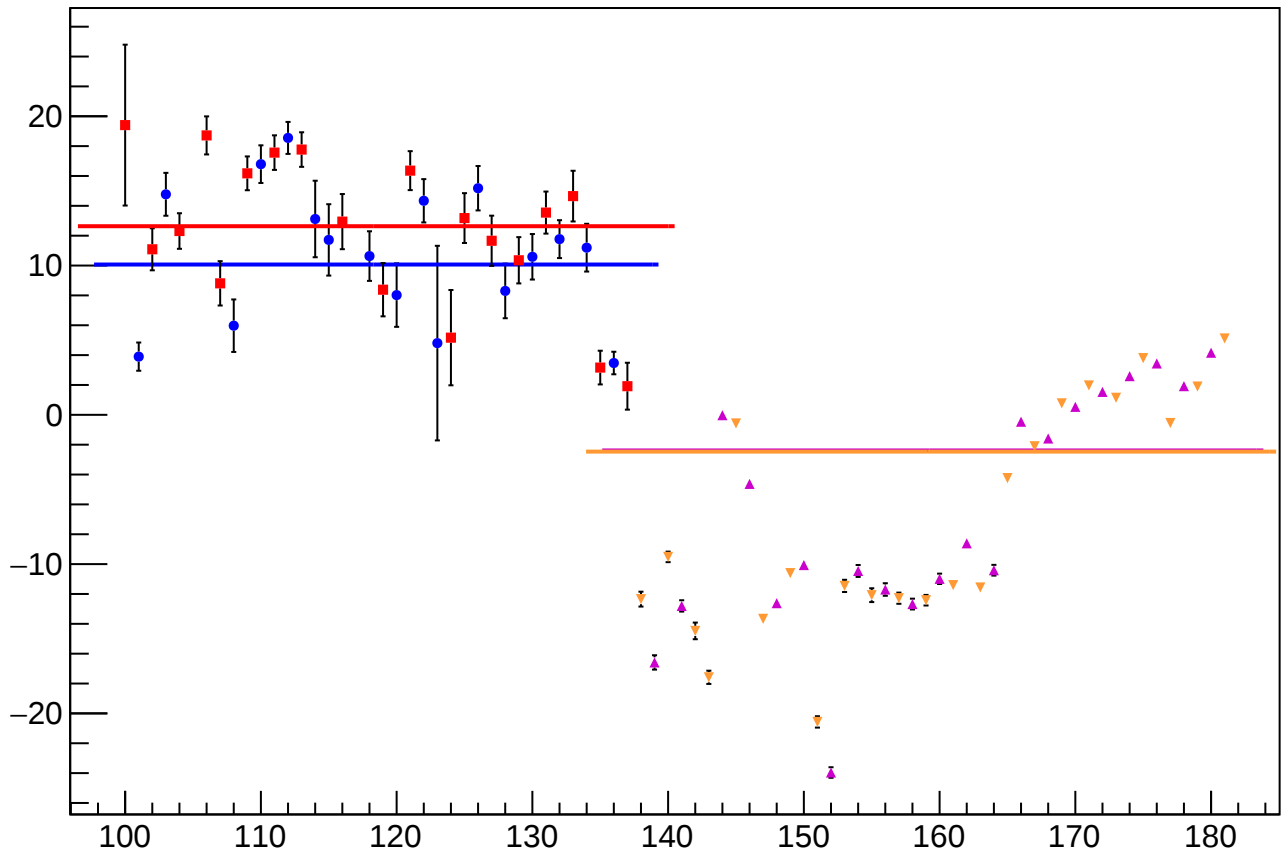
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.008 ± 0.041 χ^2/NDF : 2288.1/37

Out: -5.855 ± 0.041 χ^2/NDF : 2456.7/41

All: -5.932 ± 0.029 χ^2/NDF : 4751.7/79

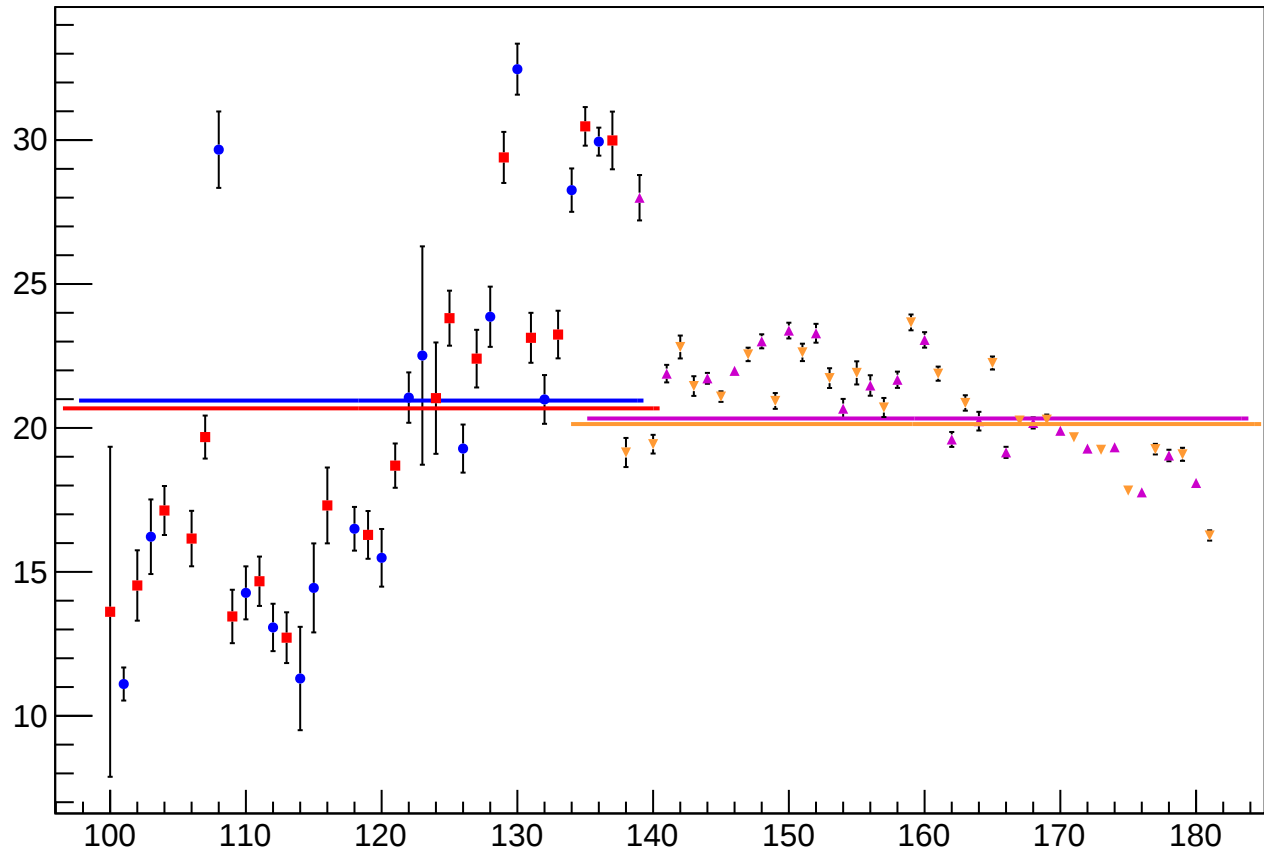
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -2.464 ± 0.054 $\chi^2/\text{NDF}: 15640.9/22$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -2.386 ± 0.054 $\chi^2/\text{NDF}: 14685.6/20$

Left: -2.425 ± 0.038 $\chi^2/\text{NDF}: 30327.5/43$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -2.078 ± 0.053 $\chi^2/\text{NDF}: 16267.9/37$
 Out: -2.079 ± 0.053 $\chi^2/\text{NDF}: 17871.3/41$
 All: -2.079 ± 0.038 $\chi^2/\text{NDF}: 34139.2/79$

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: 20.135 $\pm$ 0.048 χ^2 /NDF:1364.4/22

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.329 $\pm$ 0.047 χ^2 /NDF:1313.0/20

Left: 20.233 $\pm$ 0.034 χ^2 /NDF: 2685.7/43

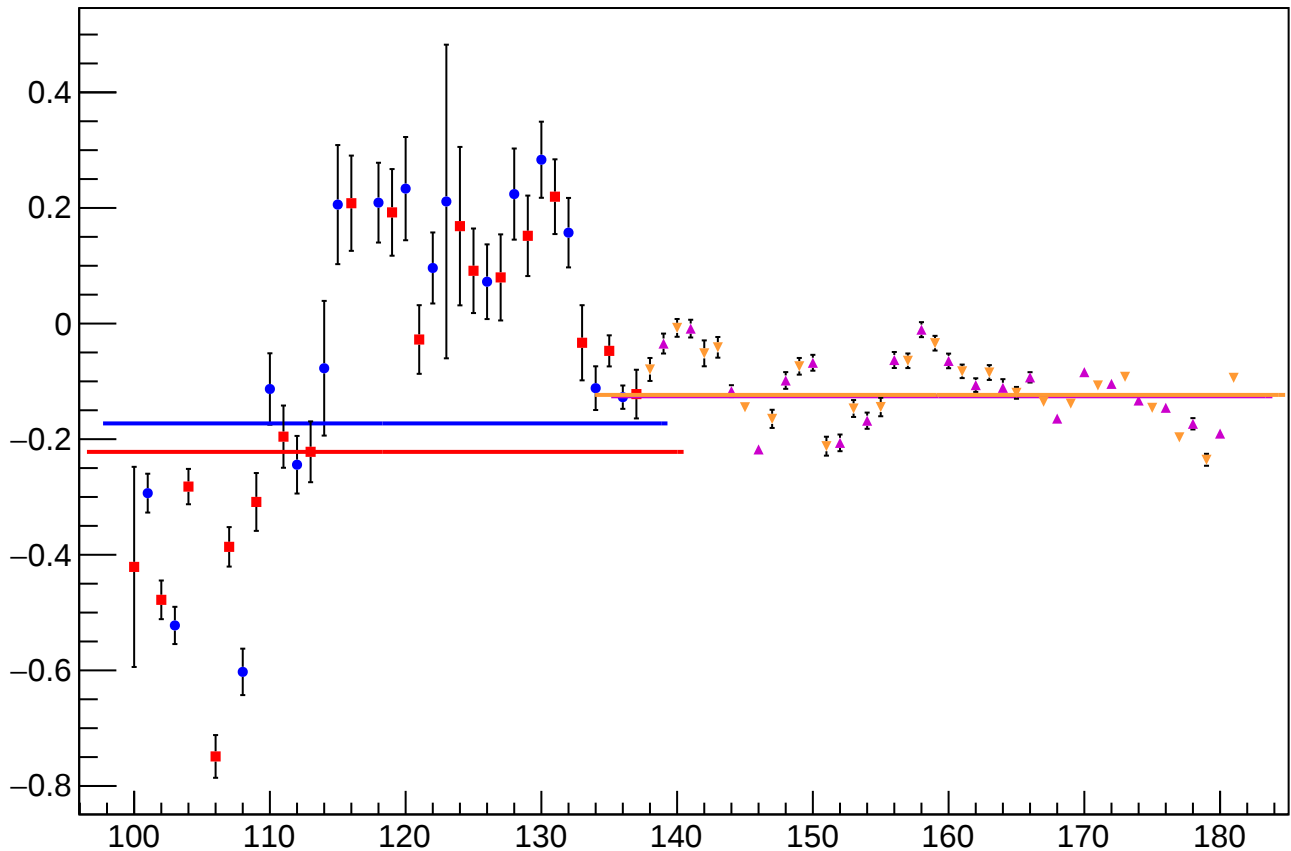
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.359 $\pm$ 0.046 χ^2 /NDF:2544.2/37

Out: 20.161 $\pm$ 0.047 χ^2 /NDF:2099.1/41

All: 20.261 $\pm$ 0.033 χ^2 /NDF: 4652.4/79

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: -0.123+/-0.002 χ^2/NDF : 502.2/22

Right Out: -0.222+/-0.011 χ^2/NDF : 536.5/18

Left In: -0.126+/-0.002 χ^2/NDF : 567.8/20

Left: -0.125+/-0.002 χ^2/NDF : 1070.7/43

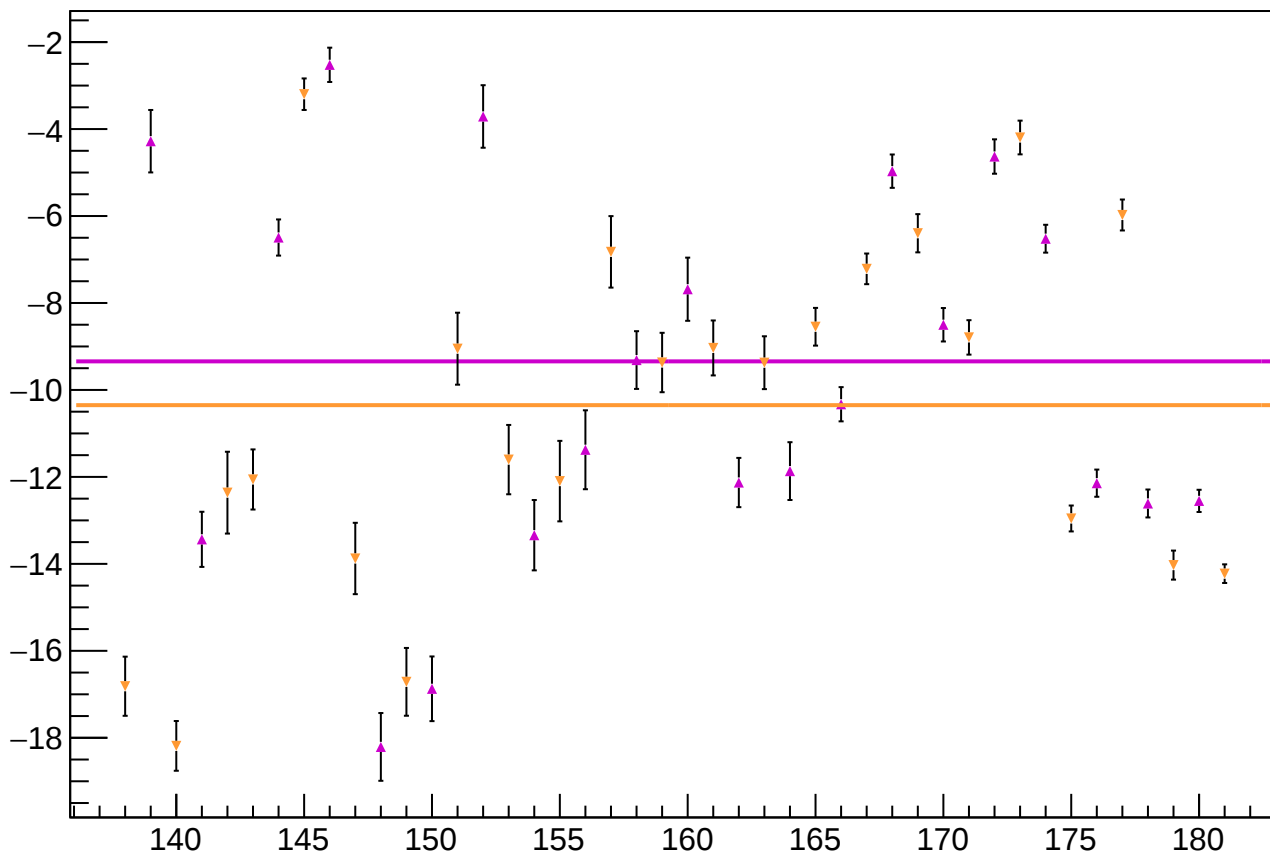
Right: -0.198+/-0.008 χ^2/NDF : 1006.7/35

In: -0.128+/-0.002 χ^2/NDF : 1045.1/37

Out: -0.127+/-0.002 χ^2/NDF : 1116.7/41

All: -0.127+/-0.002 χ^2/NDF : 2161.8/79

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.350 $\pm$ 0.094 χ^2 /NDF:1918.9/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.343 $\pm$ 0.097 χ^2 /NDF:1506.1/20

Left: -9.865 $\pm$ 0.068 χ^2 /NDF: 3480.5/43

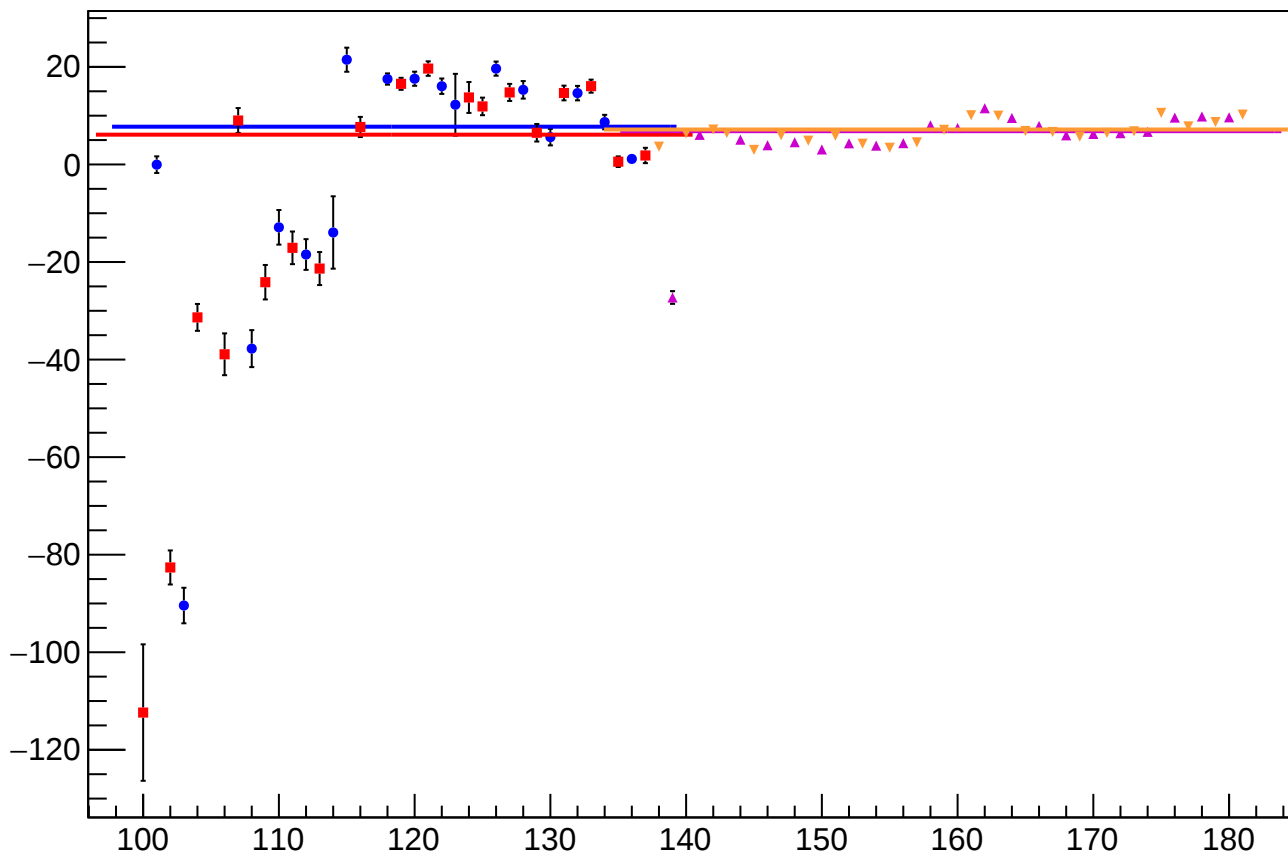
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.343 $\pm$ 0.097 χ^2 /NDF:1506.1/20

Out: -10.350 $\pm$ 0.094 χ^2 /NDF:1918.9/22

All: -9.865 $\pm$ 0.068 χ^2 /NDF: 3480.5/43

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: 7.166 ± 0.077 χ^2/NDF : 817.8/22

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 6.821 ± 0.078 χ^2/NDF : 1504.2/20

Left: 6.996 ± 0.055 χ^2/NDF : 2331.9/43

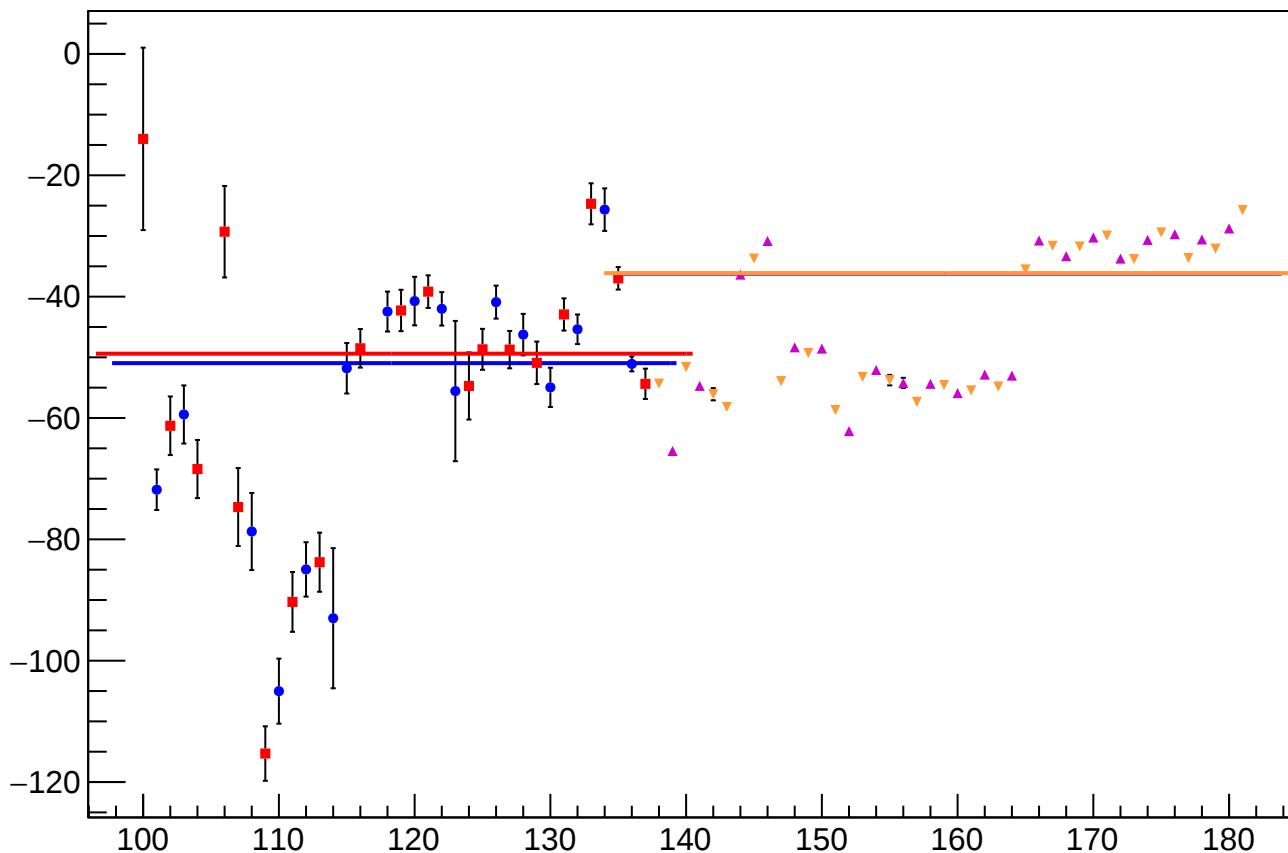
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 6.855 ± 0.077 χ^2/NDF : 2868.1/37

Out: 7.133 ± 0.076 χ^2/NDF : 2341.3/41

All: 6.995 ± 0.054 χ^2/NDF : 5216.1/79

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: -36.125 ± 0.095 χ^2/NDF : 12294.4/22

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -36.241 ± 0.097 χ^2/NDF : 11010.0/20

Left: -36.181 ± 0.068 χ^2/NDF : 23305.2/43

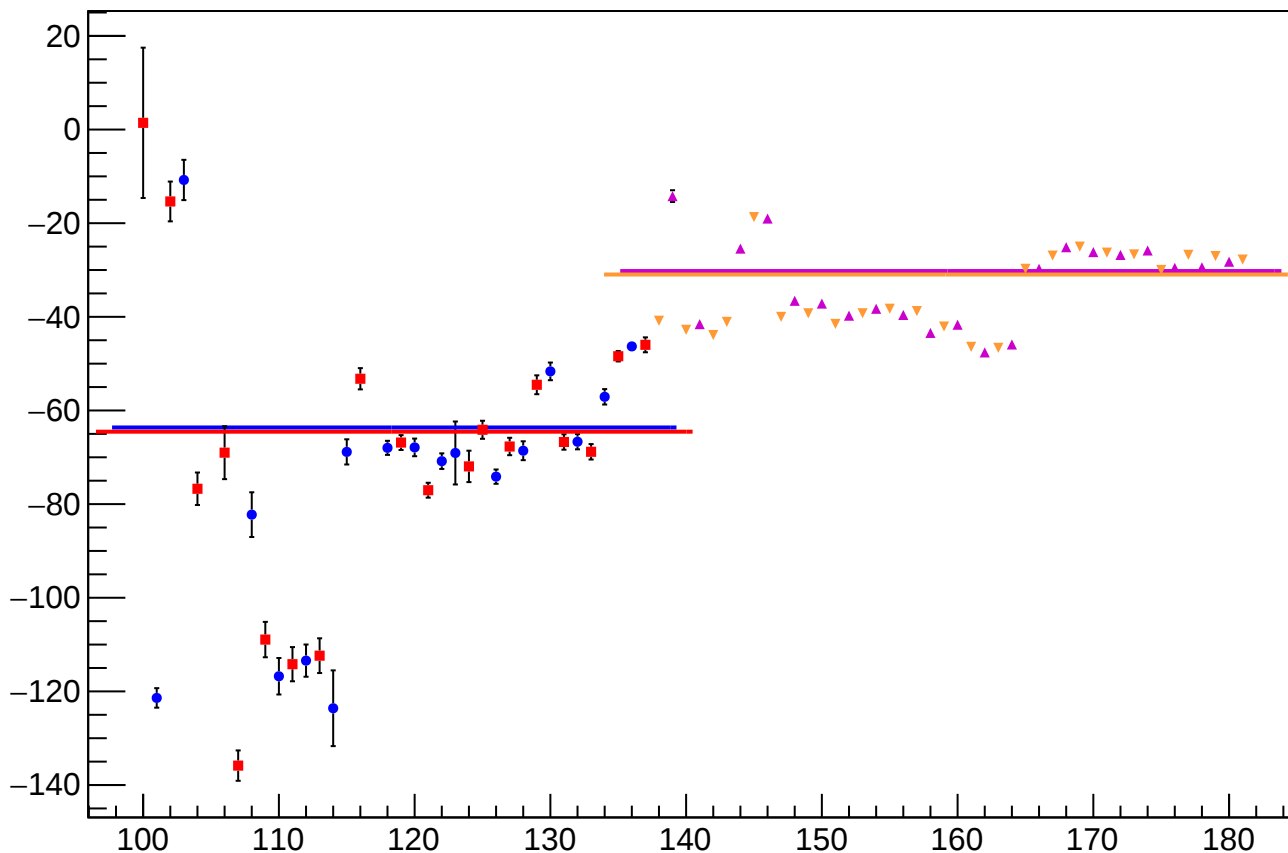
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -36.493 ± 0.097 χ^2/NDF : 11732.4/37

Out: -36.310 ± 0.094 χ^2/NDF : 13080.2/41

All: -36.399 ± 0.067 χ^2/NDF : 24814.4/79

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: -30.963 ± 0.086 χ^2/NDF : 7699.7/22

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -30.220 ± 0.087 χ^2/NDF : 6969.7/20

Left: -30.597 ± 0.061 χ^2/NDF : 14706.3/43

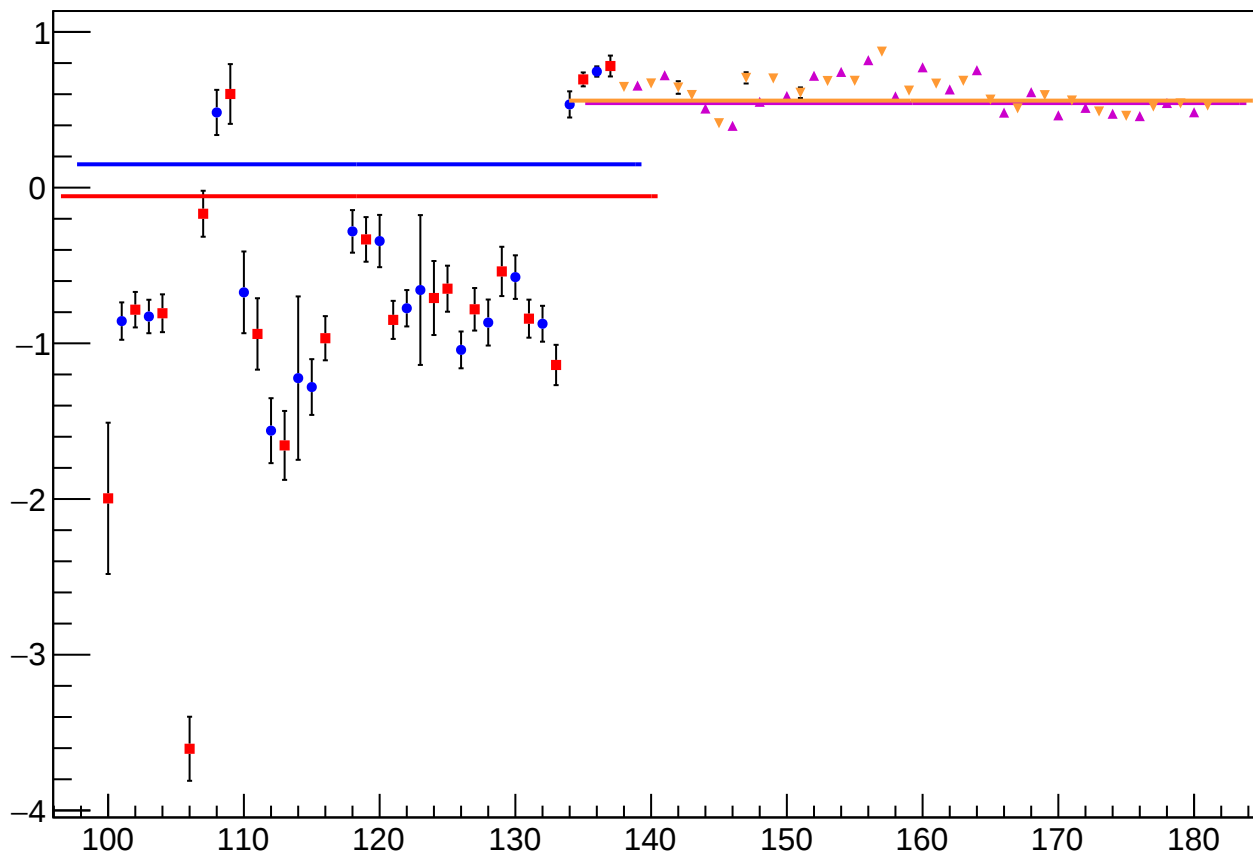
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -31.452 ± 0.086 χ^2/NDF : 14389.6/37

Out: -31.995 ± 0.085 χ^2/NDF : 14012.9/41

All: -31.727 ± 0.060 χ^2/NDF : 28422.9/79

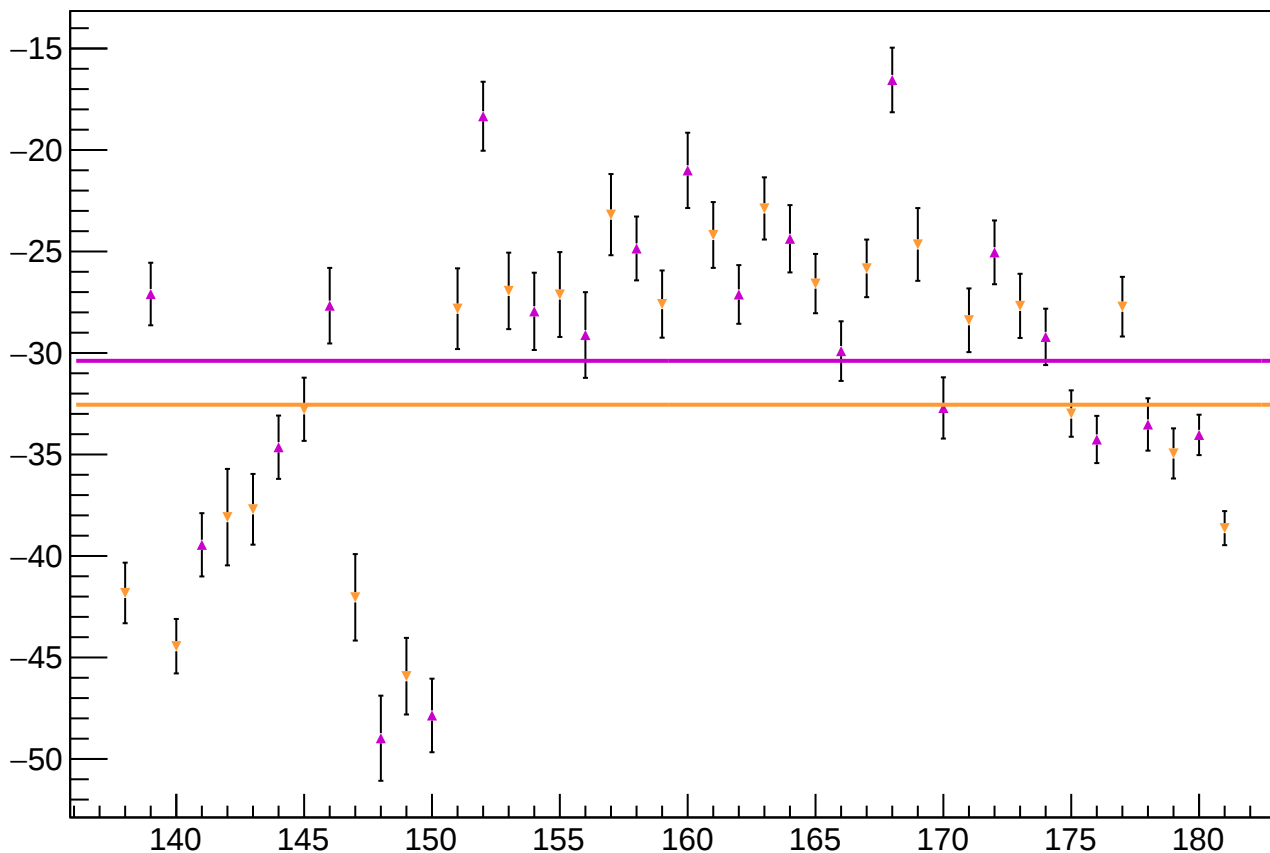
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.559 ± 0.004 $\chi^2/\text{NDF}: 518.5/22$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.543 ± 0.004 $\chi^2/\text{NDF}: 658.9/20$

Left: 0.551 ± 0.003 $\chi^2/\text{NDF}: 1185.3/43$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.532 ± 0.004 $\chi^2/\text{NDF}: 1909.6/37$
 Out: 0.545 ± 0.004 $\chi^2/\text{NDF}: 2226.1/41$
 All: 0.539 ± 0.003 $\chi^2/\text{NDF}: 4141.1/79$

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: -32.548+/-0.316 χ^2/NDF : 462.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.386+/-0.333 χ^2/NDF : 448.8/20

Left: -31.523+/-0.229 χ^2/NDF : 933.4/43

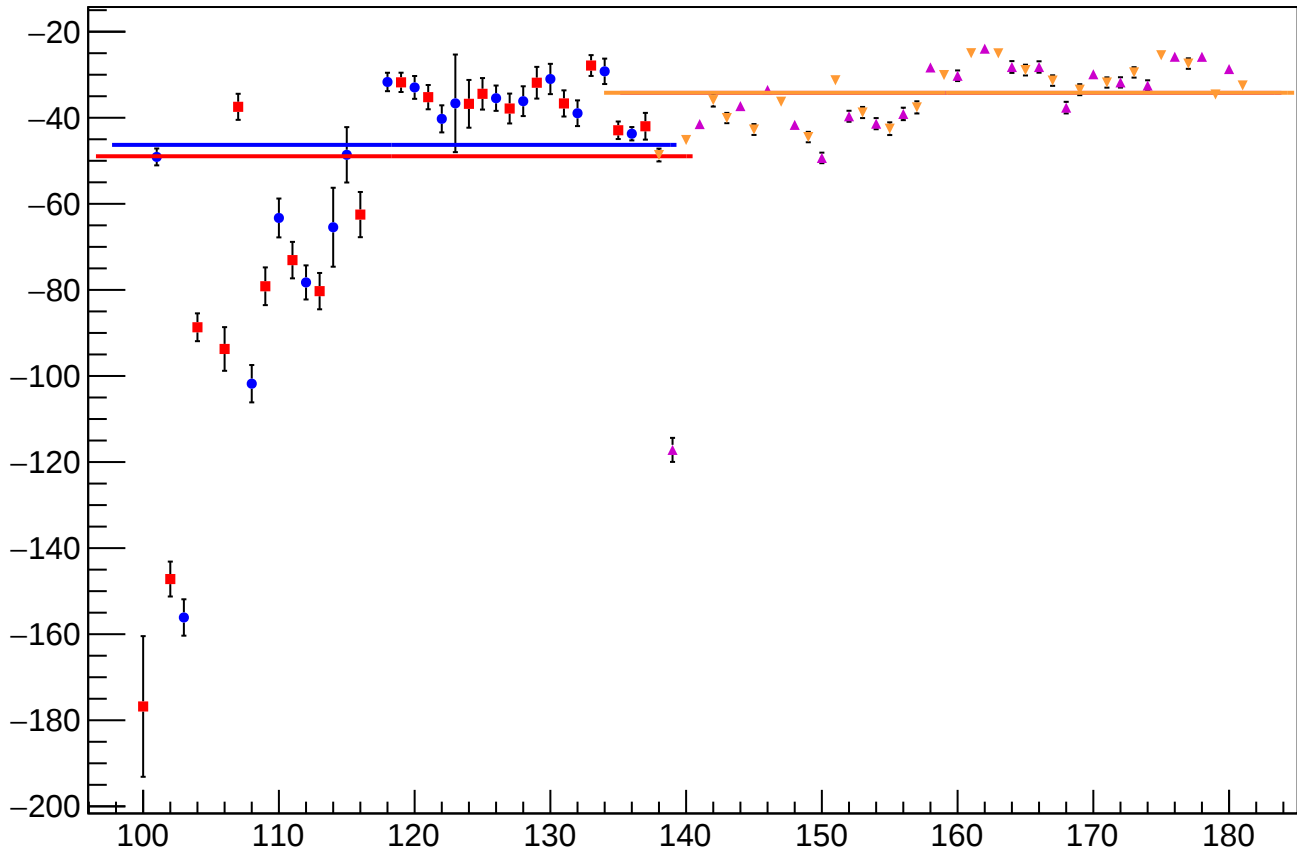
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.386+/-0.333 χ^2/NDF : 448.8/20

Out: -32.548+/-0.316 χ^2/NDF : 462.4/22

All: -31.523+/-0.229 χ^2/NDF : 933.4/43

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: -34.193 ± 0.250 χ^2/NDF : 679.0/22

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -34.221 ± 0.262 χ^2/NDF : 1529.0/20

Left: -34.207 ± 0.181 χ^2/NDF : 2208.0/43

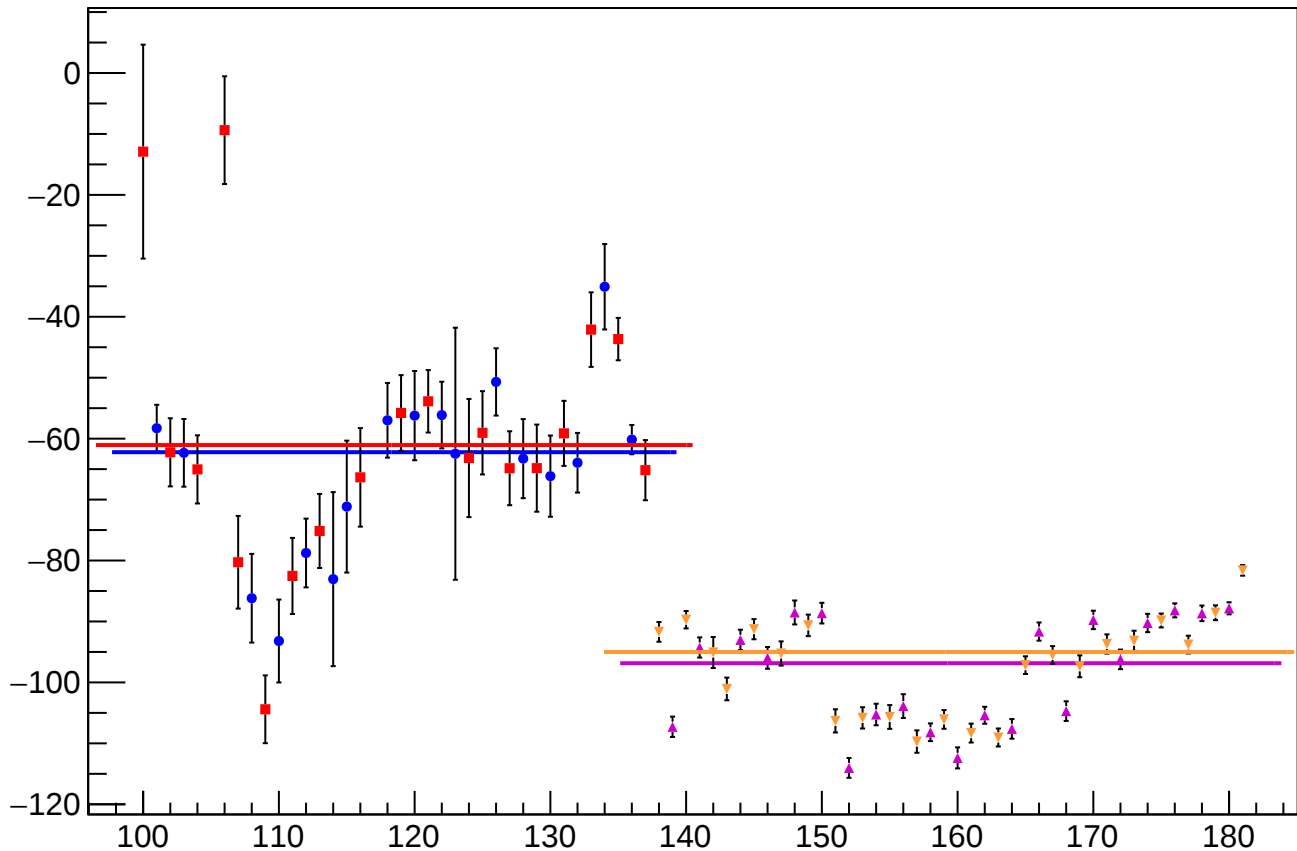
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -35.626 ± 0.247 χ^2/NDF : 2859.4/37

Out: -35.623 ± 0.237 χ^2/NDF : 2290.6/41

All: -35.624 ± 0.171 χ^2/NDF : 5150.0/79

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: -95.002 ± 0.317 χ^2/NDF : 714.3/22

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -96.851 ± 0.330 χ^2/NDF : 717.5/20

Left: -95.887 ± 0.229 χ^2/NDF : 1448.1/43

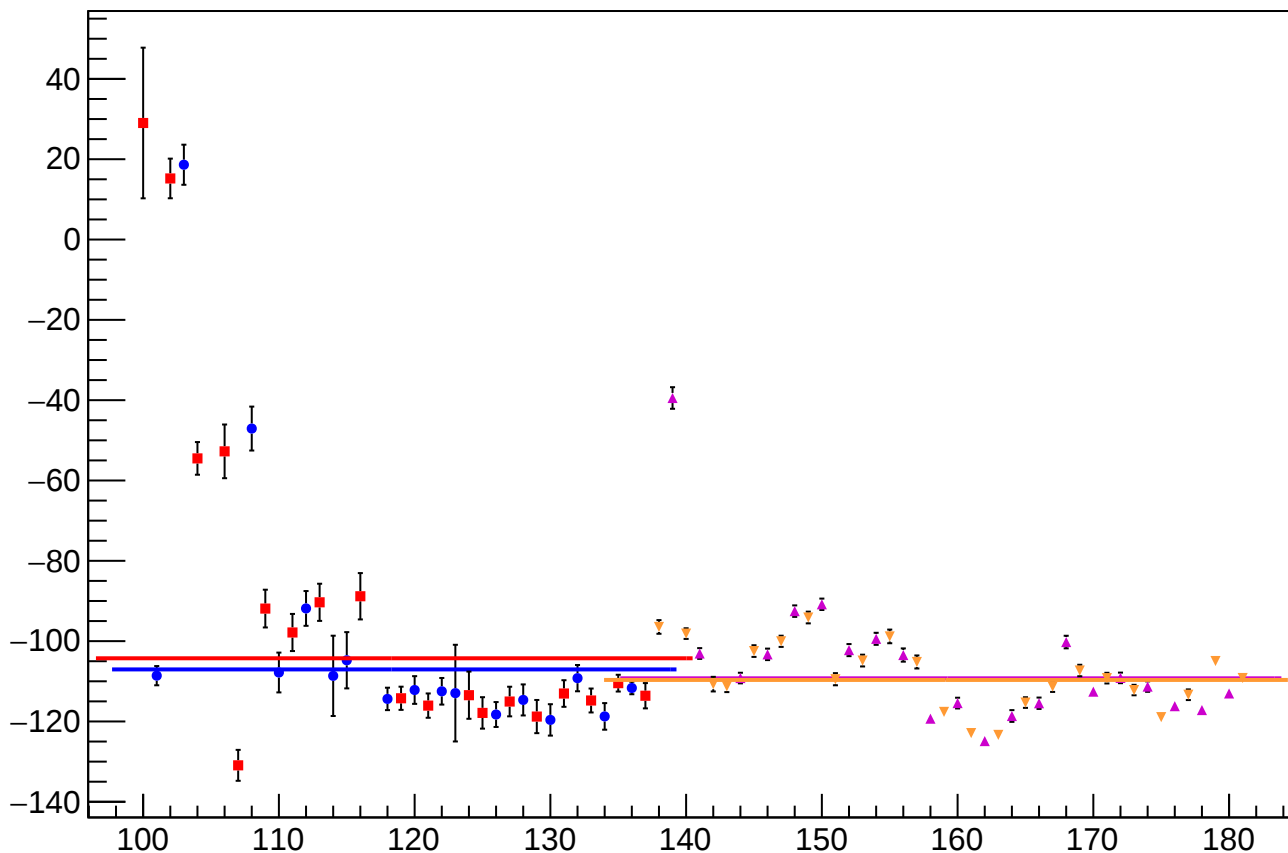
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -94.784 ± 0.320 χ^2/NDF : 1440.3/37

Out: -93.301 ± 0.309 χ^2/NDF : 1456.4/41

All: -94.015 ± 0.222 χ^2/NDF : 2907.8/79

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -109.660 ± 0.282 $\chi^2/\text{NDF}: 782.7/22$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -109.259 ± 0.294 $\chi^2/\text{NDF}: 1556.2/20$

Left: -109.468 ± 0.203 $\chi^2/\text{NDF}: 2339.9/43$

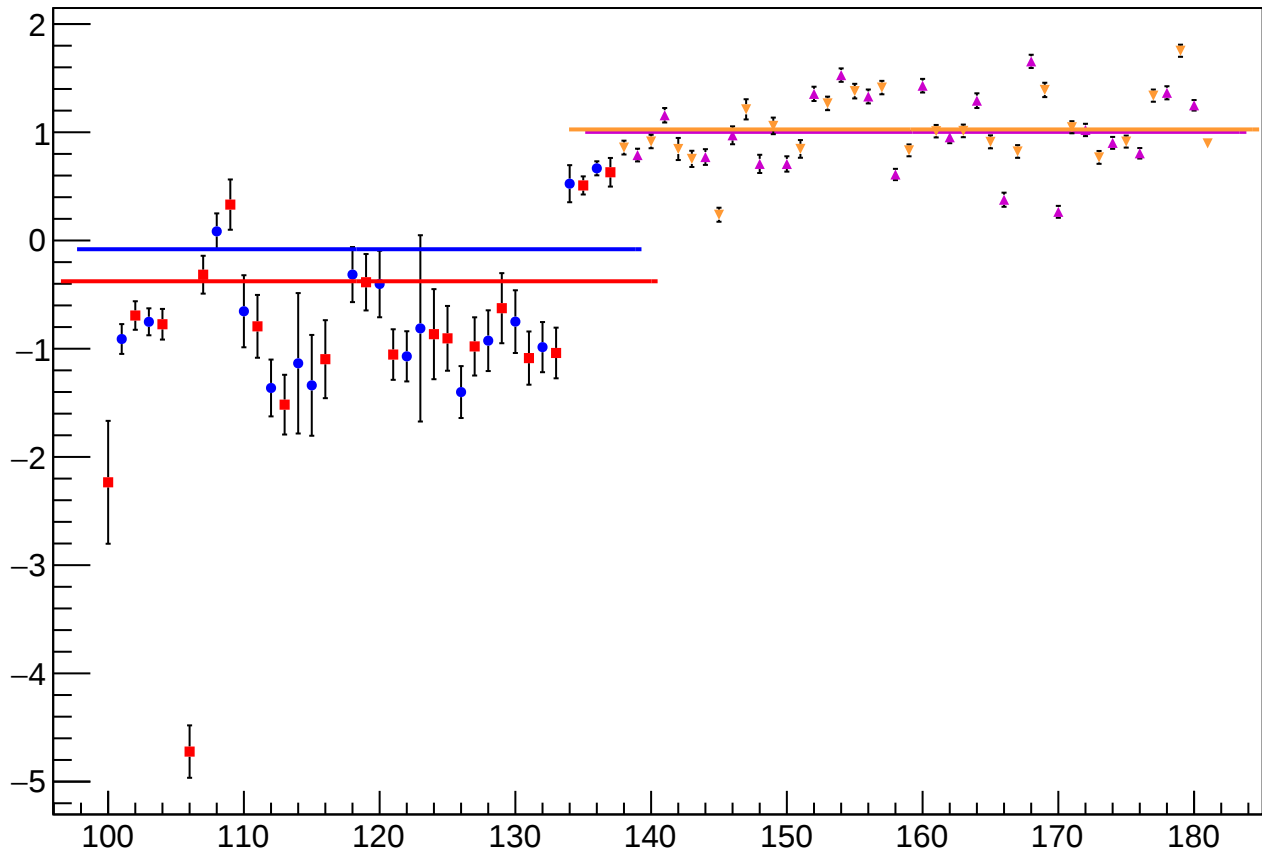
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -109.002 ± 0.277 $\chi^2/\text{NDF}: 2390.7/37$

Out: -109.137 ± 0.268 $\chi^2/\text{NDF}: 1836.2/41$

All: -109.072 ± 0.192 $\chi^2/\text{NDF}: 4227.0/79$

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: 1.026 ± 0.013 χ^2/NDF : 552.0/22

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.004 ± 0.013 χ^2/NDF : 771.8/20

Left: 1.015 ± 0.009 χ^2/NDF : 1325.3/43

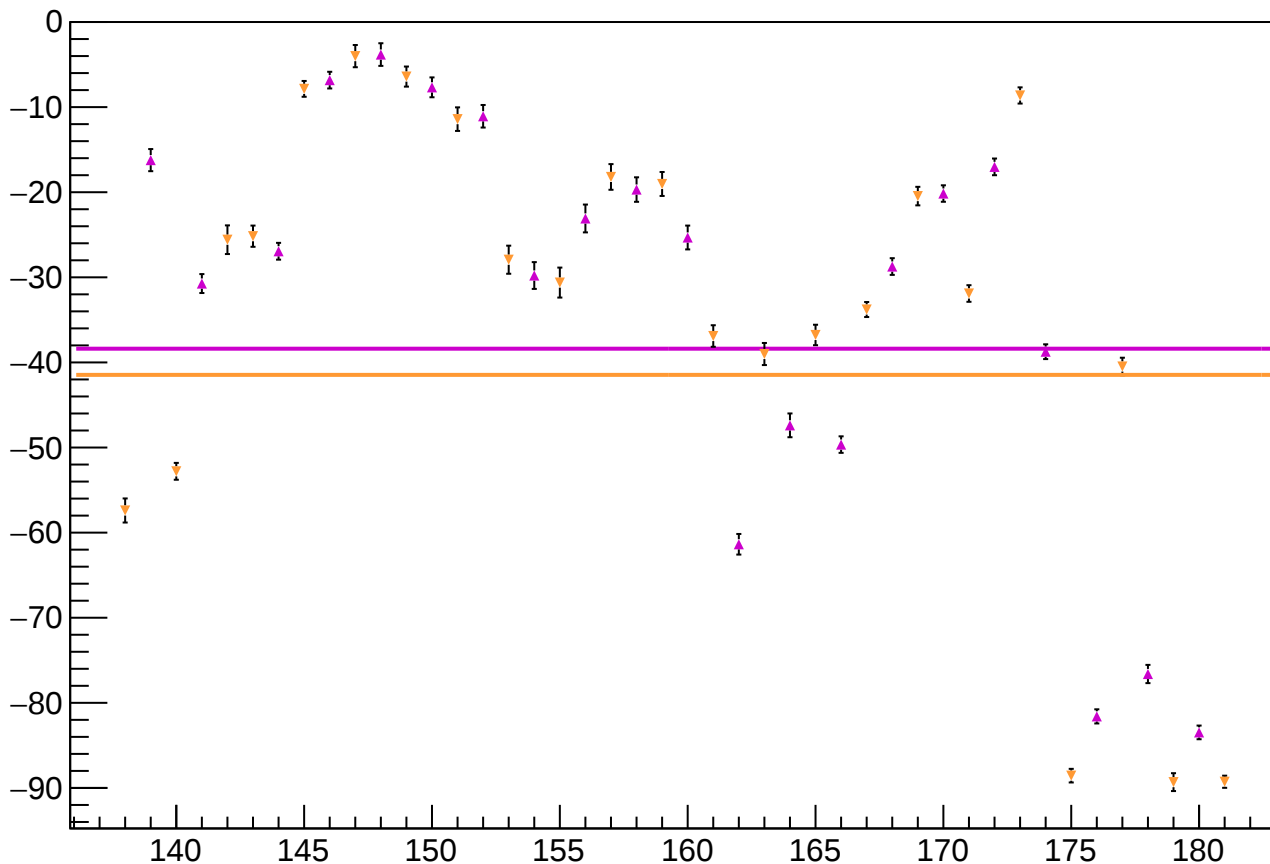
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.906 ± 0.013 χ^2/NDF : 1701.6/37

Out: 0.913 ± 0.012 χ^2/NDF : 2075.9/41

All: 0.910 ± 0.009 χ^2/NDF : 3777.6/79

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: -41.463+/-0.231 χ^2/NDF :16387.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Left: -39.967+/-0.166 χ^2/NDF : 28723.1/43

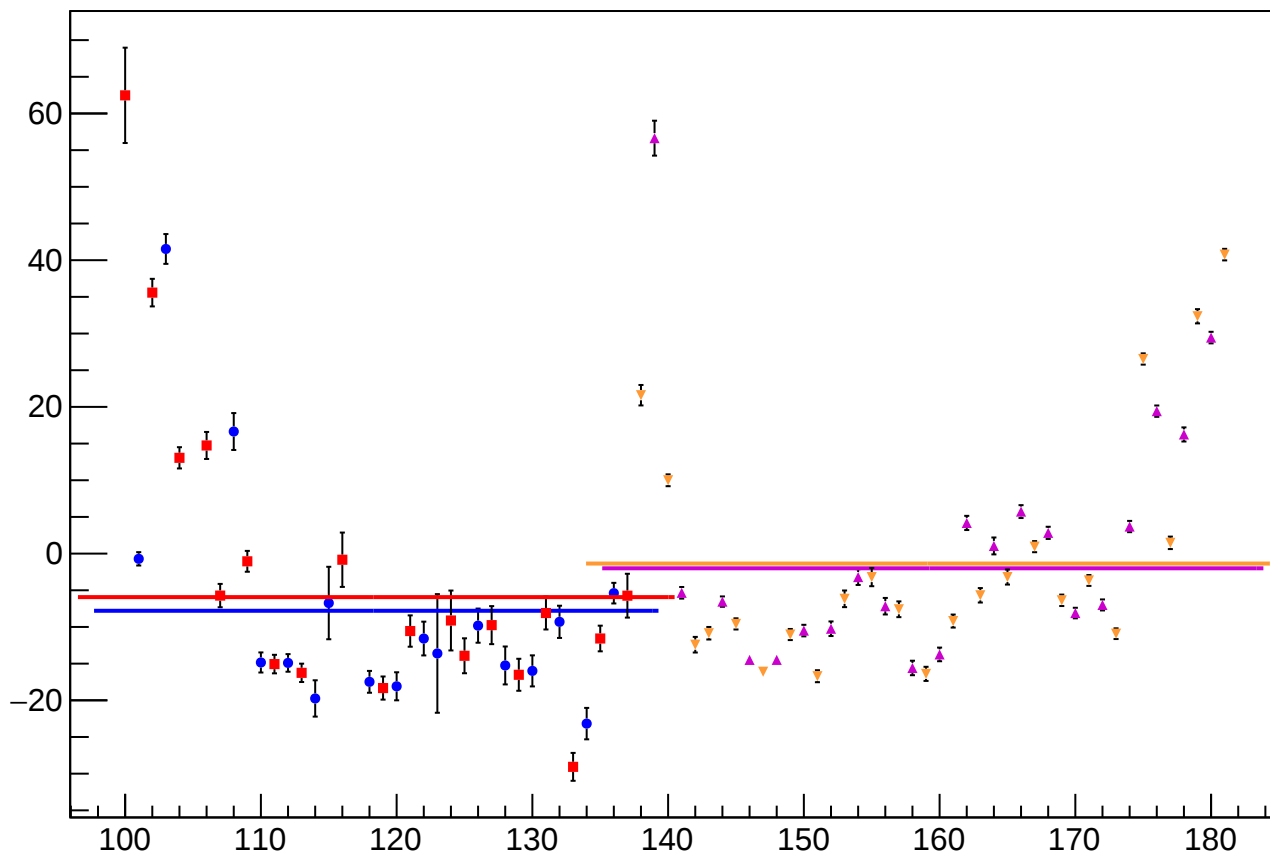
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Out: -41.463+/-0.231 χ^2/NDF :16387.1/22

All: -39.967+/-0.166 χ^2/NDF : 28723.1/43

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: -1.355 ± 0.179 χ^2/NDF : 7910.5/22

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -2.005 ± 0.184 χ^2/NDF : 5055.2/20

Left: -1.671 ± 0.128 χ^2/NDF : 12972.2/43

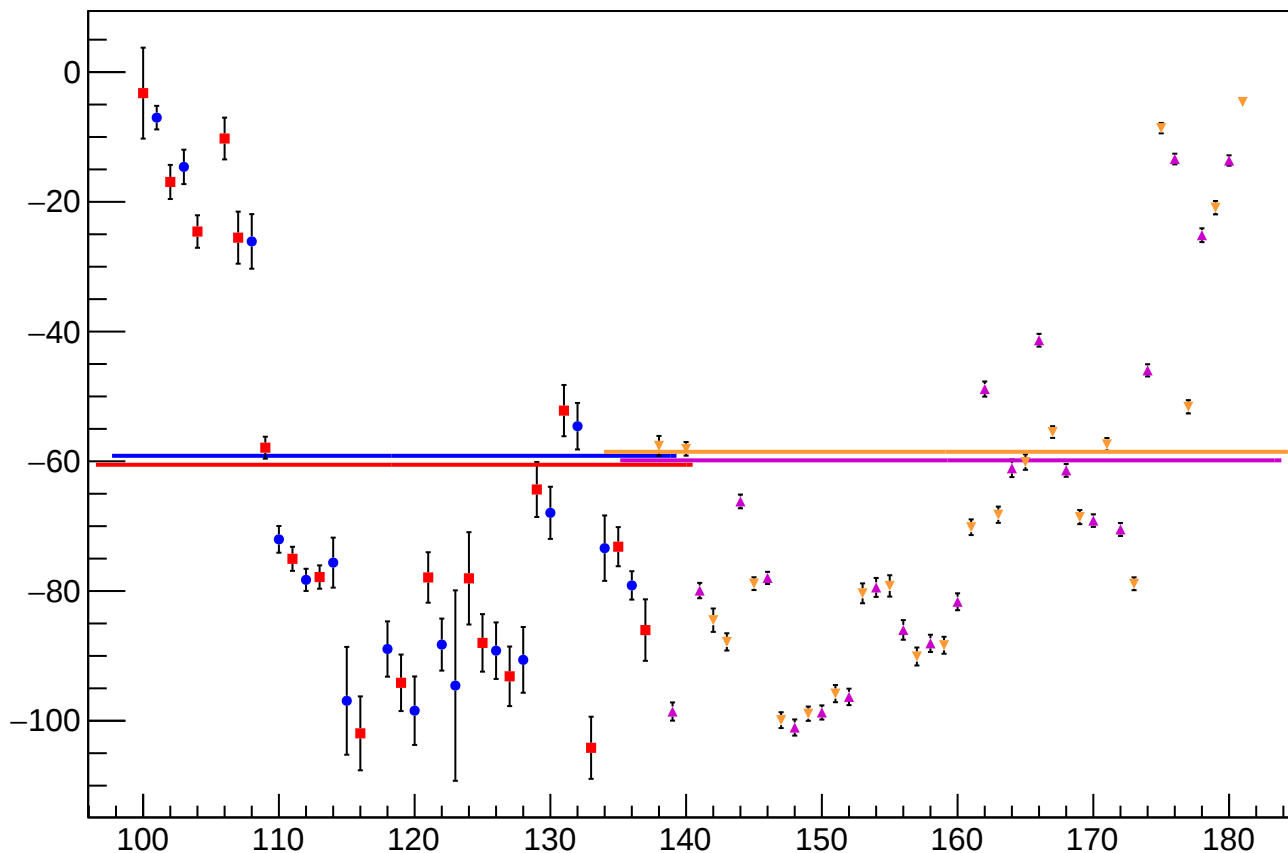
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -2.907 ± 0.169 χ^2/NDF : 6192.4/37

Out: -2.033 ± 0.165 χ^2/NDF : 9301.8/41

All: -2.459 ± 0.118 χ^2/NDF : 15507.9/79

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -58.534 $\pm$ 0.232 χ^2 /NDF:17004.1/22

Right Out: -60.530 $\pm$ 0.704 χ^2 /NDF: 1385.2/18

Left In: -59.853 $\pm$ 0.237 χ^2 /NDF:14293.0/20

Left: -59.179 $\pm$ 0.166 χ^2 /NDF: 31313.0/43

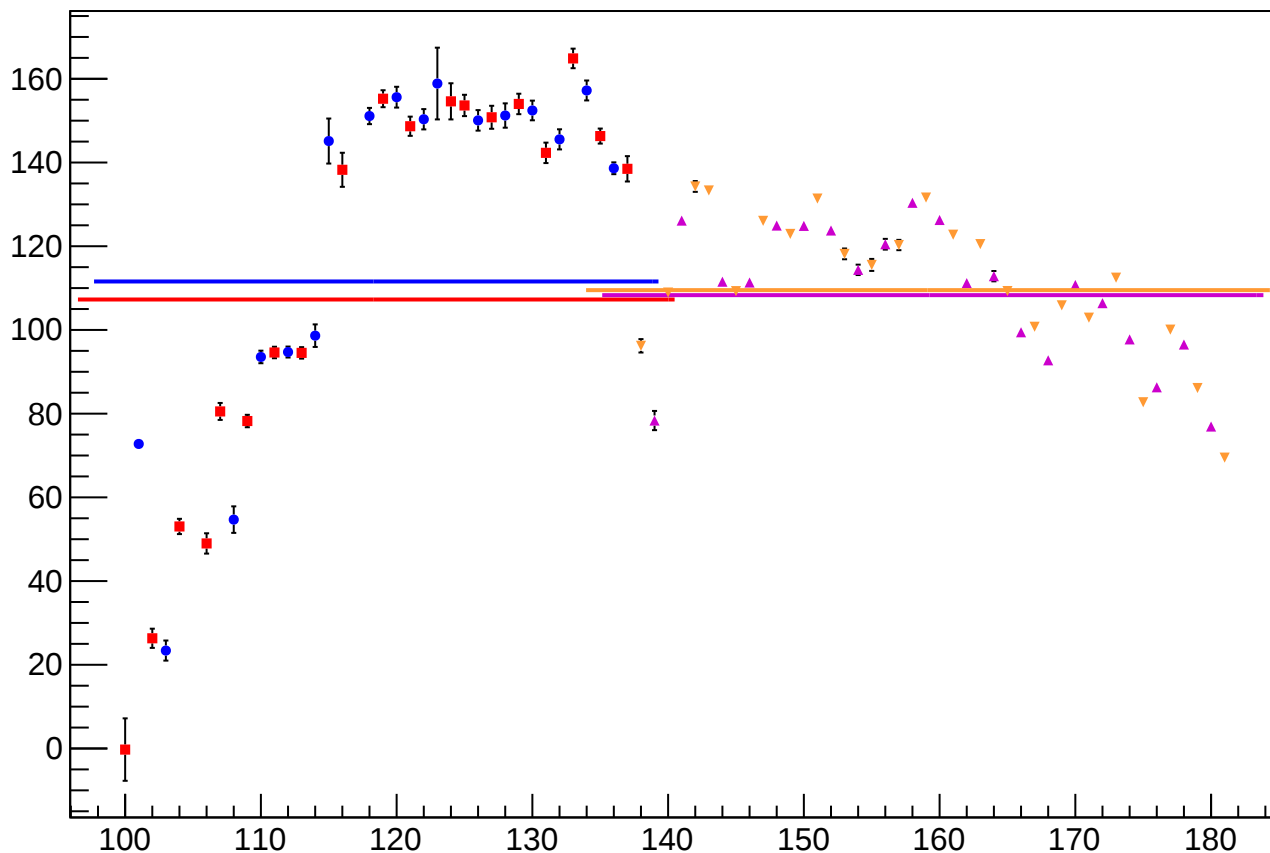
Right: -59.879 $\pm$ 0.512 χ^2 /NDF: 3105.4/35

In: -59.788 $\pm$ 0.226 χ^2 /NDF:16012.1/37

Out: -58.729 $\pm$ 0.220 χ^2 /NDF:18396.6/41

All: -59.246 $\pm$ 0.158 χ^2 /NDF: 34420.0/79

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 $\chi^2/\text{NDF}: 5946.0/16$

Left Out: 109.510 ± 0.203 $\chi^2/\text{NDF}: 7069.4/22$

Right Out: 107.273 ± 0.488 $\chi^2/\text{NDF}: 7044.9/18$

Left In: 108.315 ± 0.208 $\chi^2/\text{NDF}: 5062.8/20$

Left: 108.927 ± 0.145 $\chi^2/\text{NDF}: 12149.1/43$

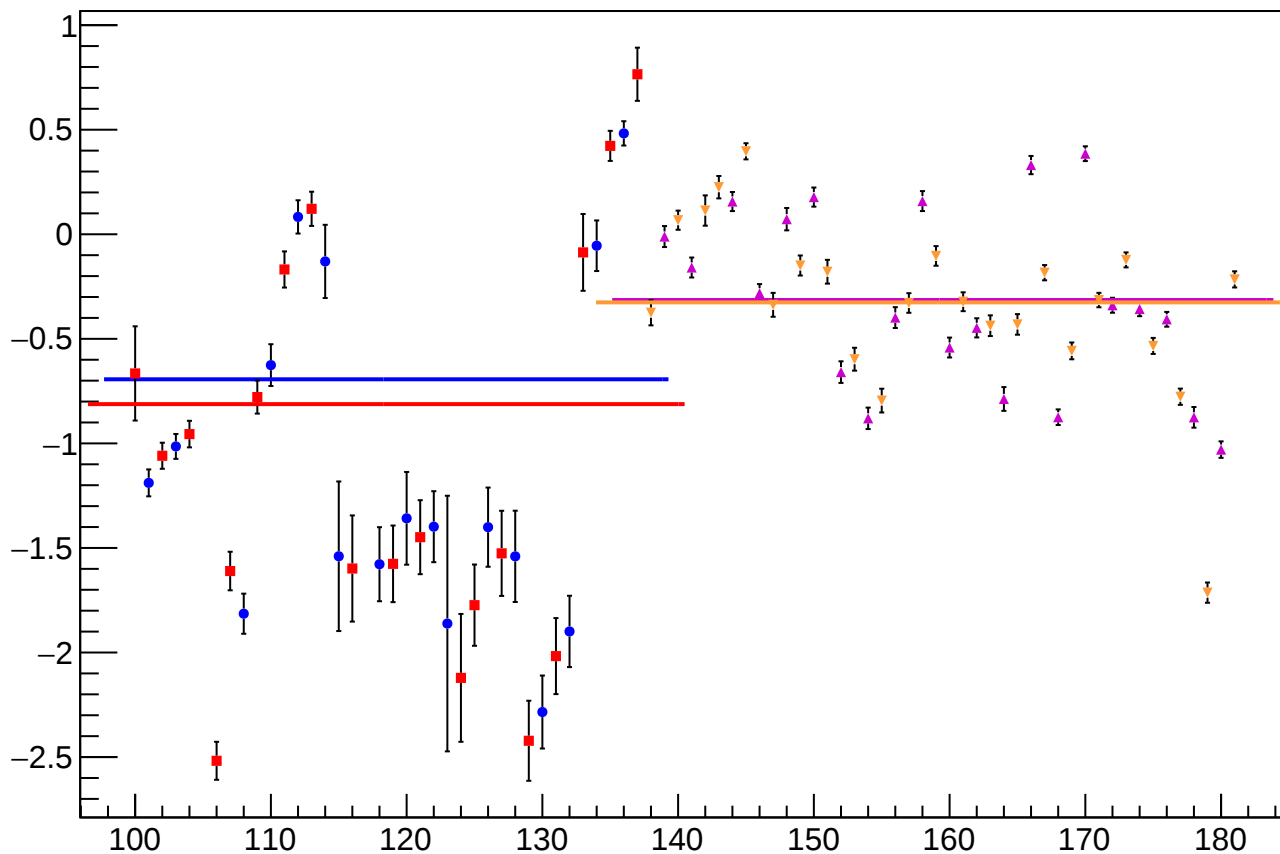
Right: 109.427 ± 0.345 $\chi^2/\text{NDF}: 13029.8/35$

In: 108.819 ± 0.192 $\chi^2/\text{NDF}: 11046.7/37$

Out: 109.179 ± 0.188 $\chi^2/\text{NDF}: 14132.2/41$

All: 109.003 ± 0.134 $\chi^2/\text{NDF}: 25180.7/79$

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: -0.326 ± 0.009 χ^2/NDF : 1788.1/22

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.314 ± 0.010 χ^2/NDF : 1992.9/20

Left: -0.320 ± 0.007 χ^2/NDF : 3781.7/43

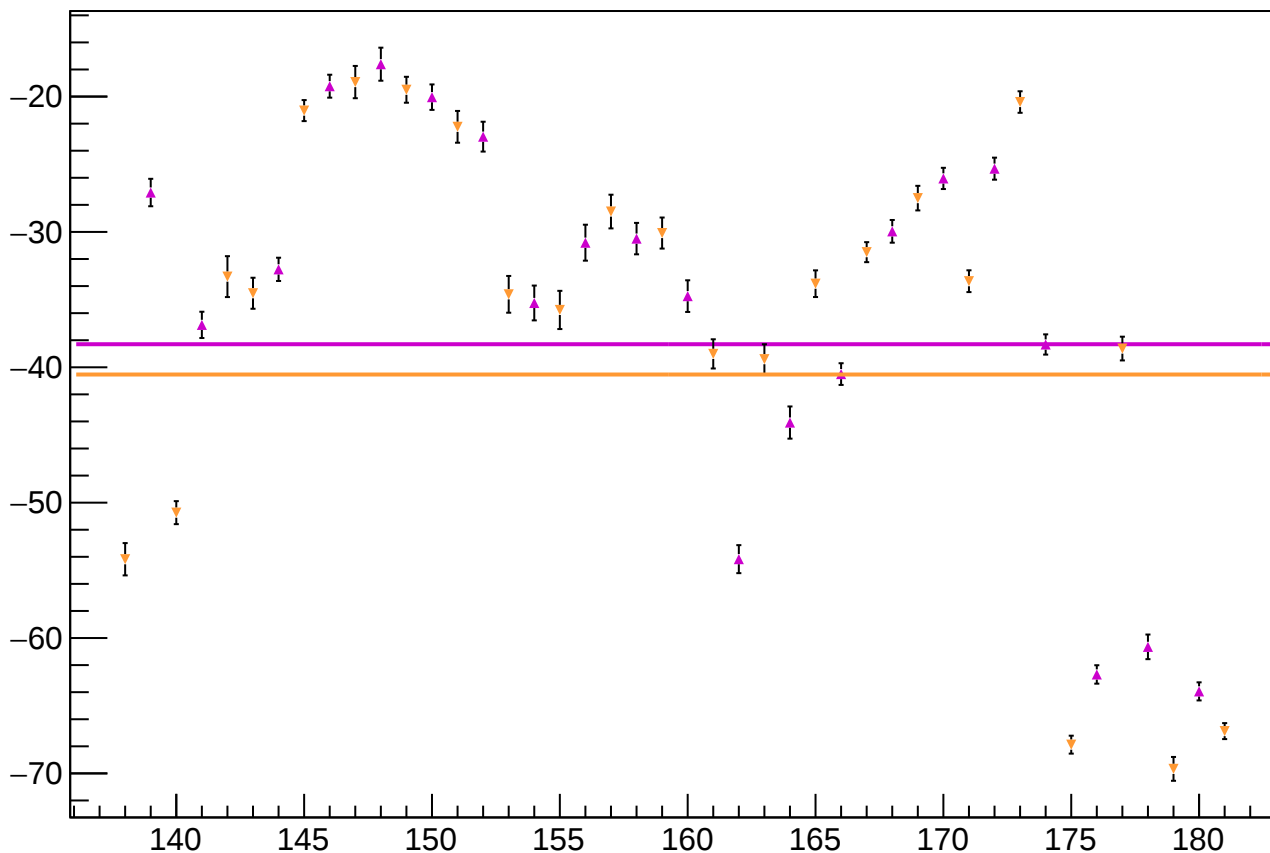
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.360 ± 0.009 χ^2/NDF : 3173.5/37

Out: -0.389 ± 0.009 χ^2/NDF : 3445.0/41

All: -0.375 ± 0.006 χ^2/NDF : 6623.8/79

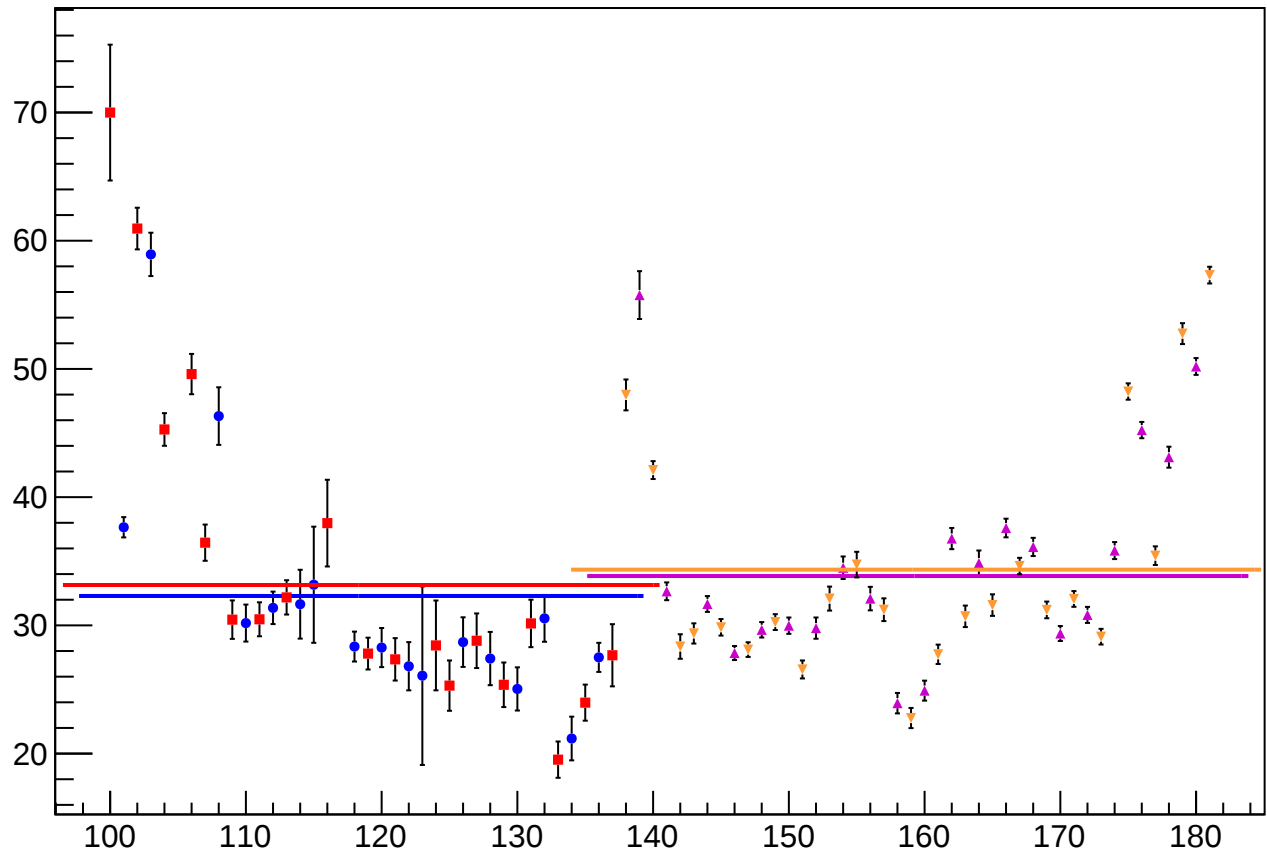
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.533+/-0.194 χ^2/NDF : 8128.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.295+/-0.199 χ^2/NDF : 5844.9/20

Left: -39.443+/-0.139 χ^2/NDF : 14038.6/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -38.295+/-0.199 χ^2/NDF : 5844.9/20
 Out: -40.533+/-0.194 χ^2/NDF : 8128.9/22
 All: -39.443+/-0.139 χ^2/NDF : 14038.6/43

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 34.346 $\pm$ 0.152 χ^2 /NDF:3344.9/22

Right Out: 33.149 $\pm$ 0.379 χ^2 /NDF: 772.6/18

Left In: 33.848 $\pm$ 0.156 χ^2 /NDF:1887.6/20

Left: 34.104 $\pm$ 0.109 χ^2 /NDF: 5237.7/43

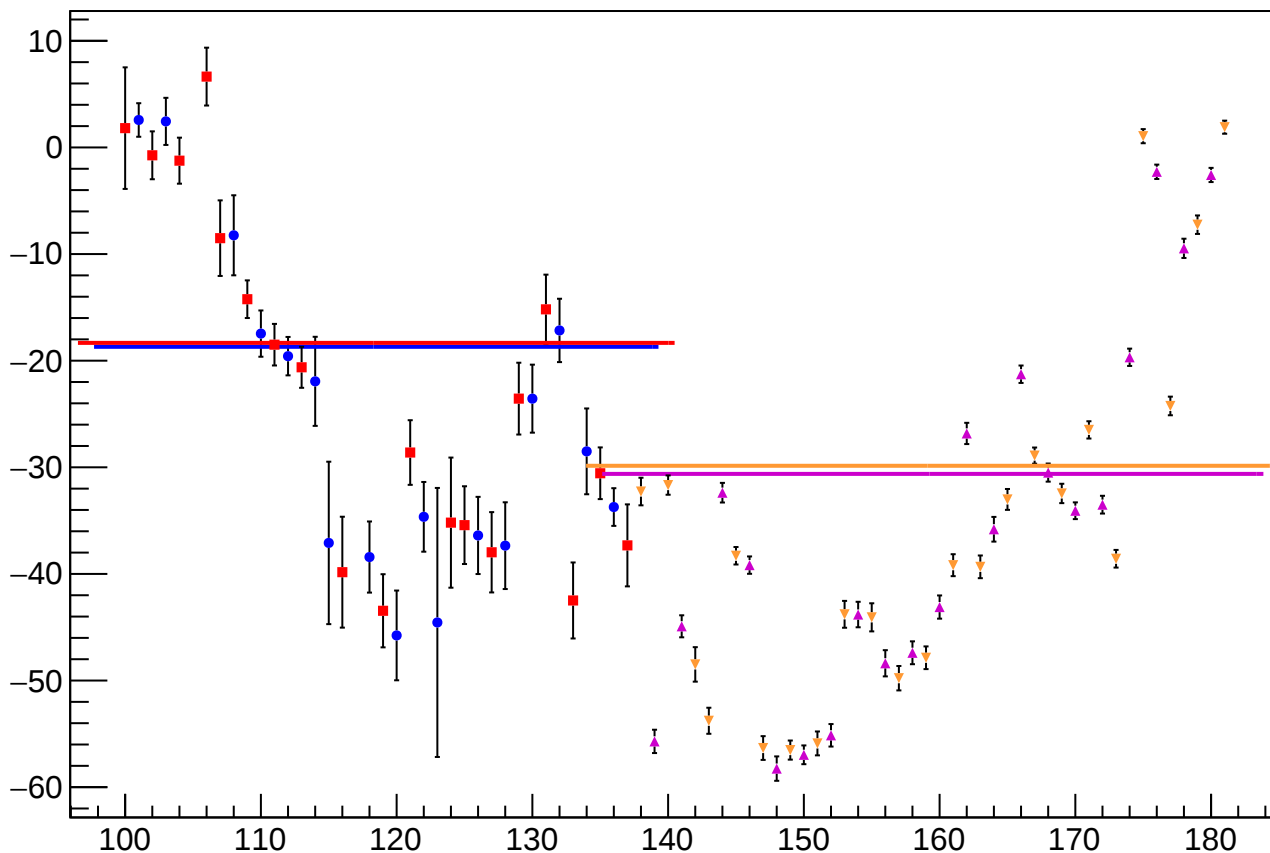
Right: 32.715 $\pm$ 0.266 χ^2 /NDF: 1227.8/35

In: 33.617 $\pm$ 0.144 χ^2 /NDF:2354.9/37

Out: 34.181 $\pm$ 0.141 χ^2 /NDF:4126.2/41

All: 33.905 $\pm$ 0.101 χ^2 /NDF: 6488.9/79

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -29.857 ± 0.194 $\chi^2/\text{NDF}: 9335.0/22$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -30.618 ± 0.198 $\chi^2/\text{NDF}: 8030.5/20$

Left: -30.230 ± 0.139 $\chi^2/\text{NDF}: 17373.0/43$

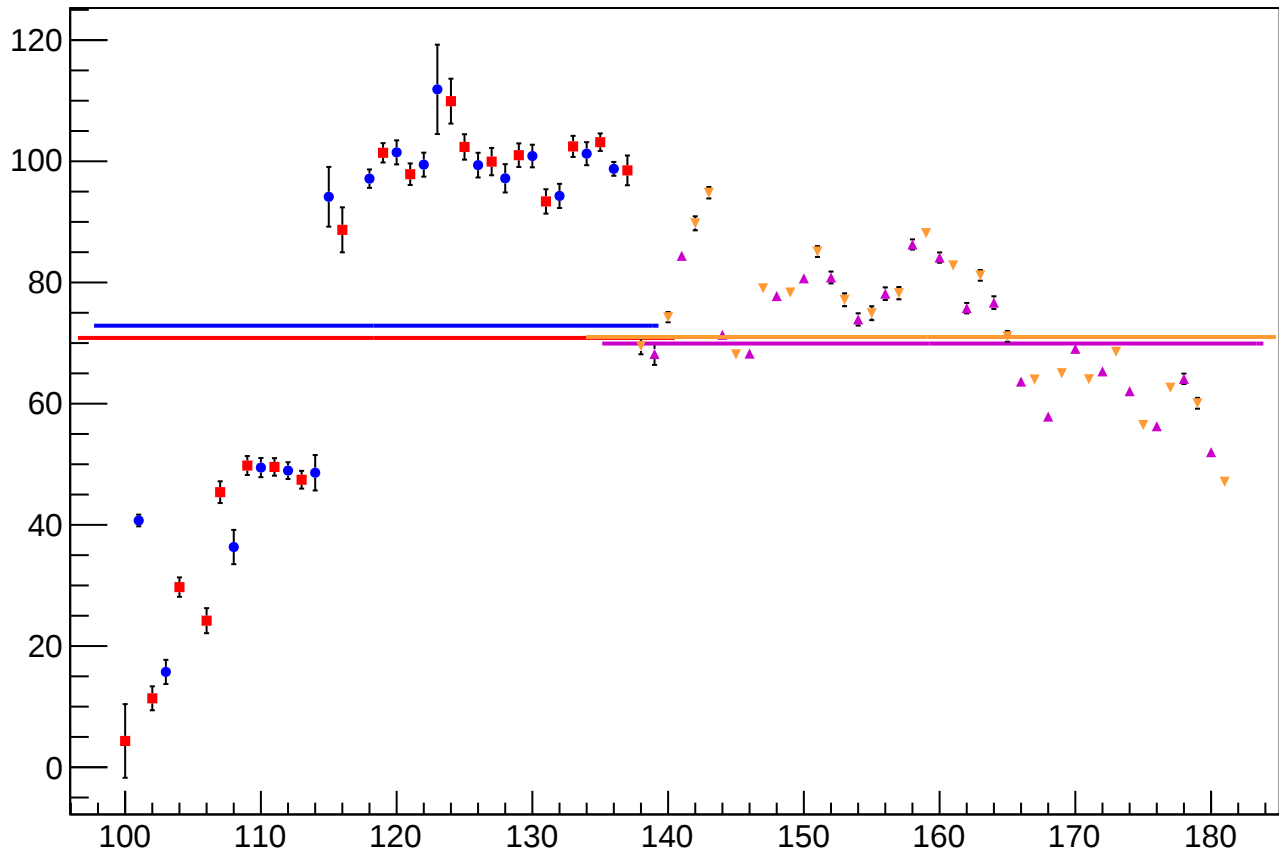
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -29.648 ± 0.190 $\chi^2/\text{NDF}: 8843.3/37$

Out: -28.892 ± 0.186 $\chi^2/\text{NDF}: 10103.1/41$

All: -29.262 ± 0.133 $\chi^2/\text{NDF}: 18954.4/79$

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: 71.004 $\pm$ 0.171 χ^2 /NDF: 4446.3/22

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 69.925 $\pm$ 0.176 χ^2 /NDF: 3123.4/20

Left: 70.477 $\pm$ 0.123 χ^2 /NDF: 7589.0/43

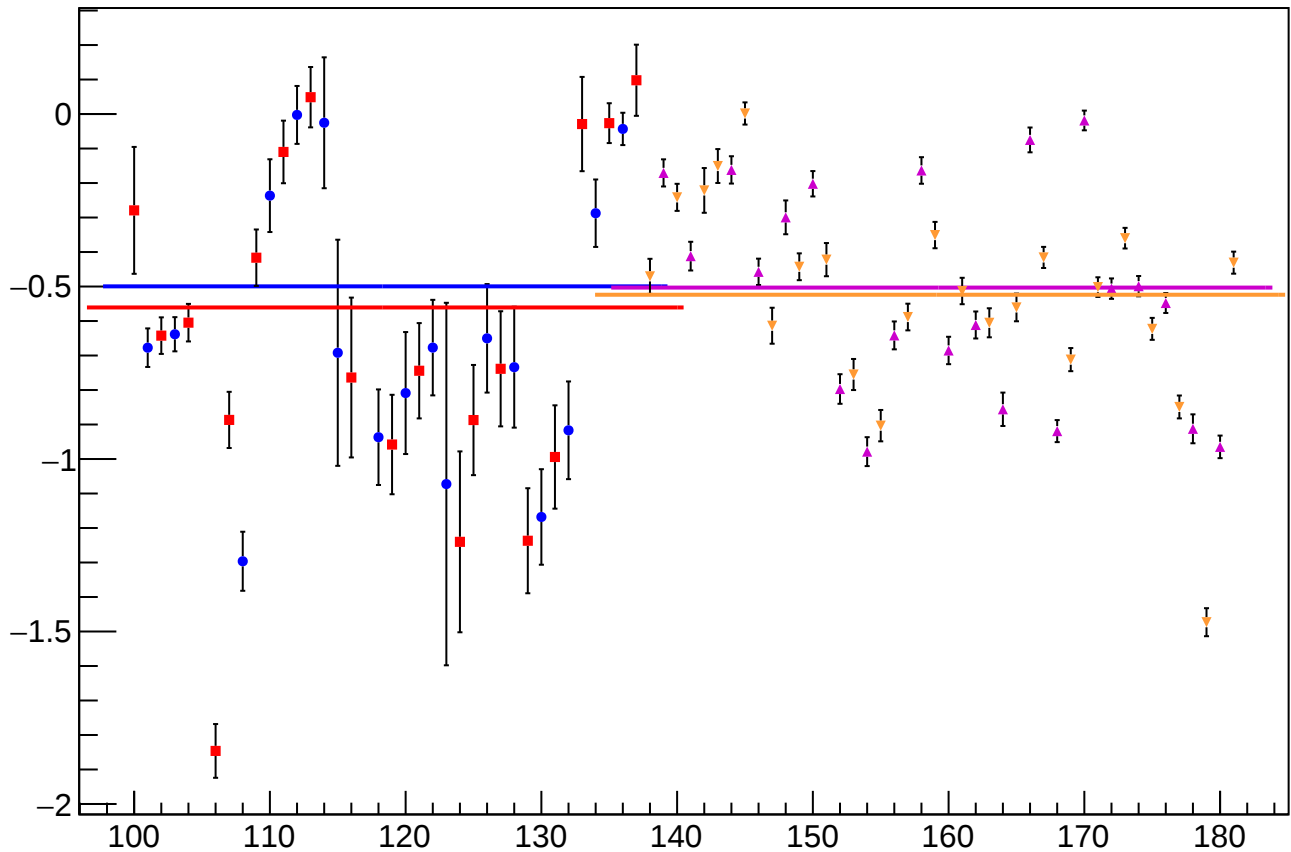
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 70.352 $\pm$ 0.162 χ^2 /NDF: 7891.3/37

Out: 70.983 $\pm$ 0.159 χ^2 /NDF: 9941.8/41

All: 70.673 $\pm$ 0.114 χ^2 /NDF: 17840.7/79

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: -0.524 ± 0.008 χ^2/NDF : 1270.0/22

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.503 ± 0.008 χ^2/NDF : 1478.2/20

Left: -0.514 ± 0.006 χ^2/NDF : 2751.6/43

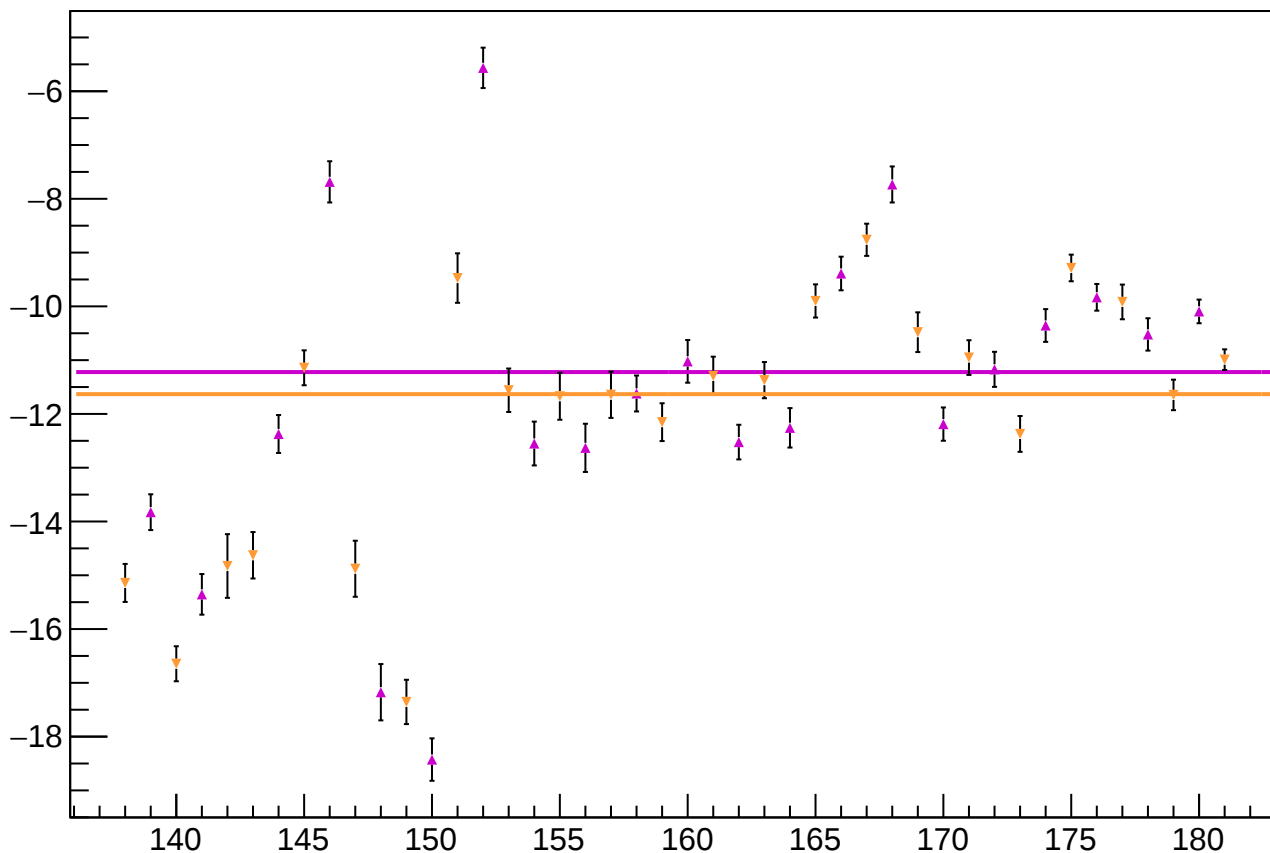
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.503 ± 0.007 χ^2/NDF : 1780.9/37

Out: -0.528 ± 0.007 χ^2/NDF : 1834.4/41

All: -0.516 ± 0.005 χ^2/NDF : 3621.1/79

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: -11.632+/-0.070 χ^2/NDF :945.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.222+/-0.073 χ^2/NDF :1236.9/20

Left: -11.435+/-0.050 χ^2/NDF : 2198.5/43

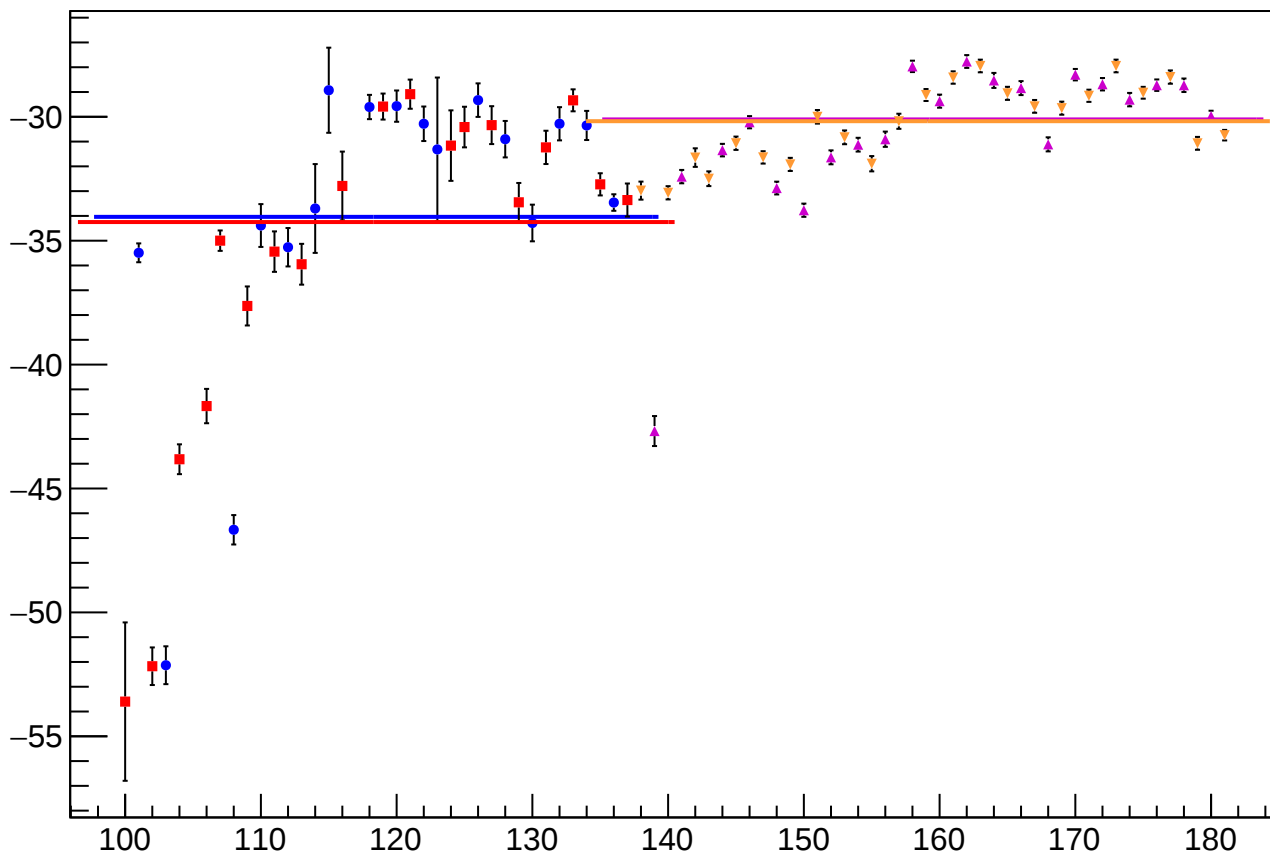
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.222+/-0.073 χ^2/NDF :1236.9/20

Out: -11.632+/-0.070 χ^2/NDF :945.0/22

All: -11.435+/-0.050 χ^2/NDF : 2198.5/43

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: -30.177 ± 0.056 χ^2/NDF : 727.8/22

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.106 ± 0.058 χ^2/NDF : 1280.5/20

Left: -30.143 ± 0.040 χ^2/NDF : 2009.1/43

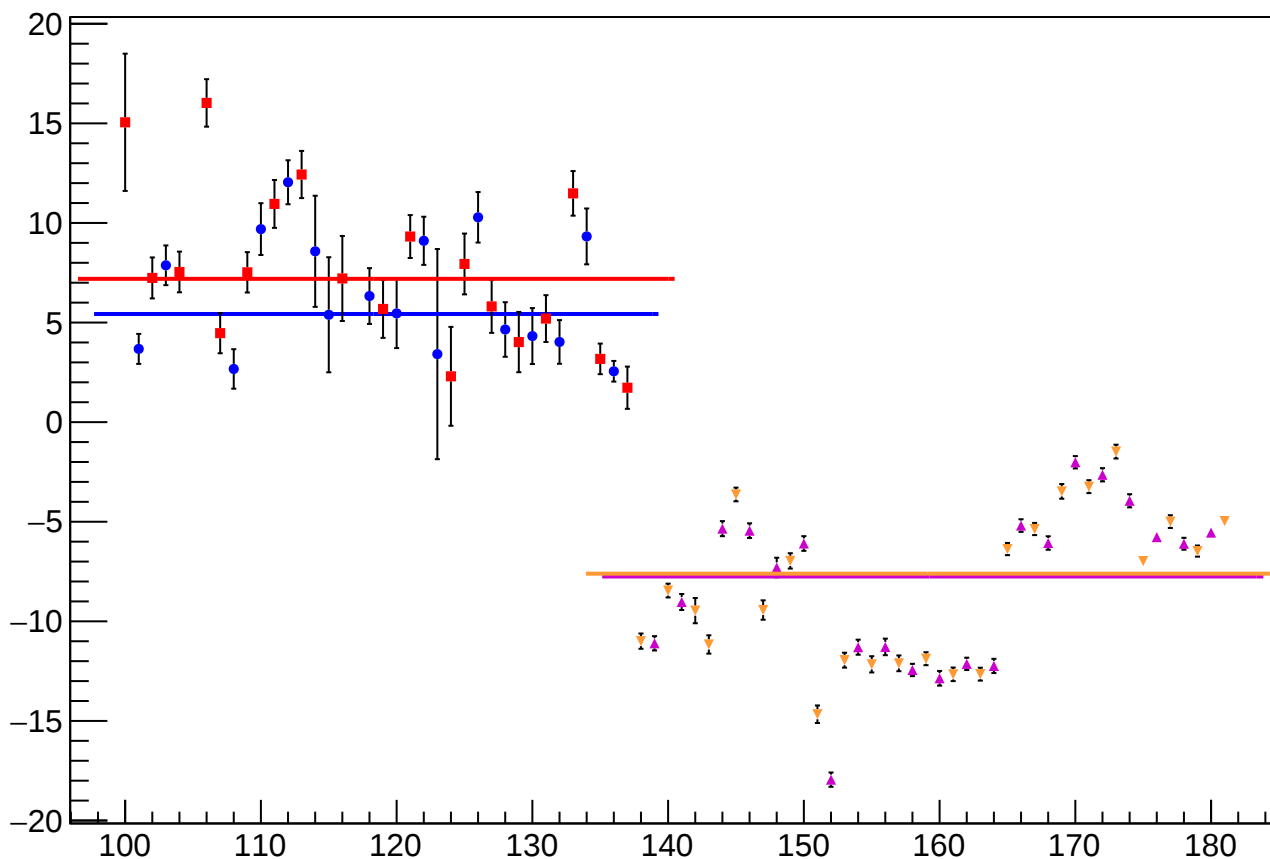
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.609 ± 0.054 χ^2/NDF : 3215.8/37

Out: -30.666 ± 0.052 χ^2/NDF : 2727.8/41

All: -30.638 ± 0.038 χ^2/NDF : 5944.2/79

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.607 ± 0.070 χ^2/NDF : 2534.8/22

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.749 ± 0.072 χ^2/NDF : 2942.5/20

Left: -7.676 ± 0.050 χ^2/NDF : 5479.3/43

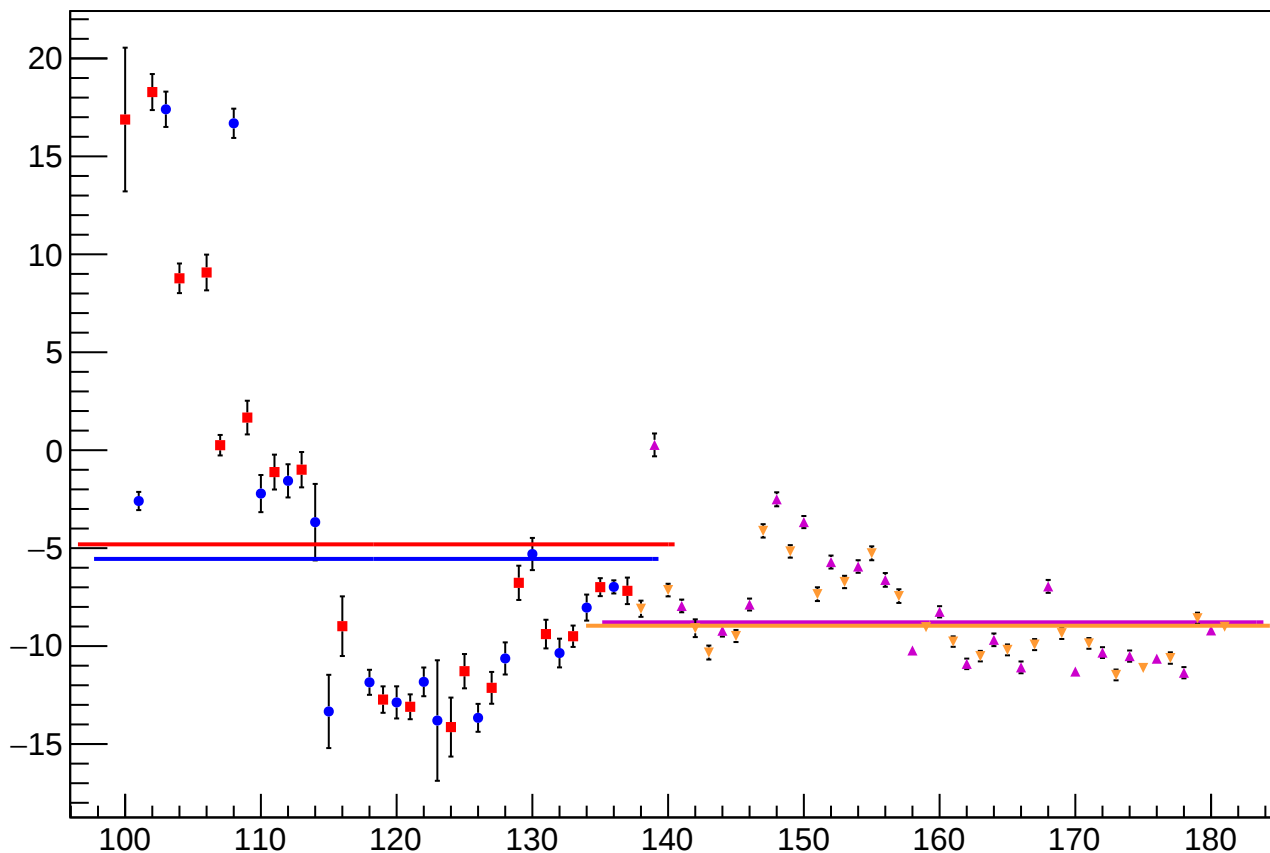
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -6.871 ± 0.070 χ^2/NDF : 5300.5/37

Out: -6.702 ± 0.068 χ^2/NDF : 5456.3/41

All: -6.784 ± 0.049 χ^2/NDF : 10759.8/79

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: -8.961 ± 0.062 χ^2/NDF : 870.3/22

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.786 ± 0.064 χ^2/NDF : 1547.8/20

Left: -8.876 ± 0.045 χ^2/NDF : 2421.9/43

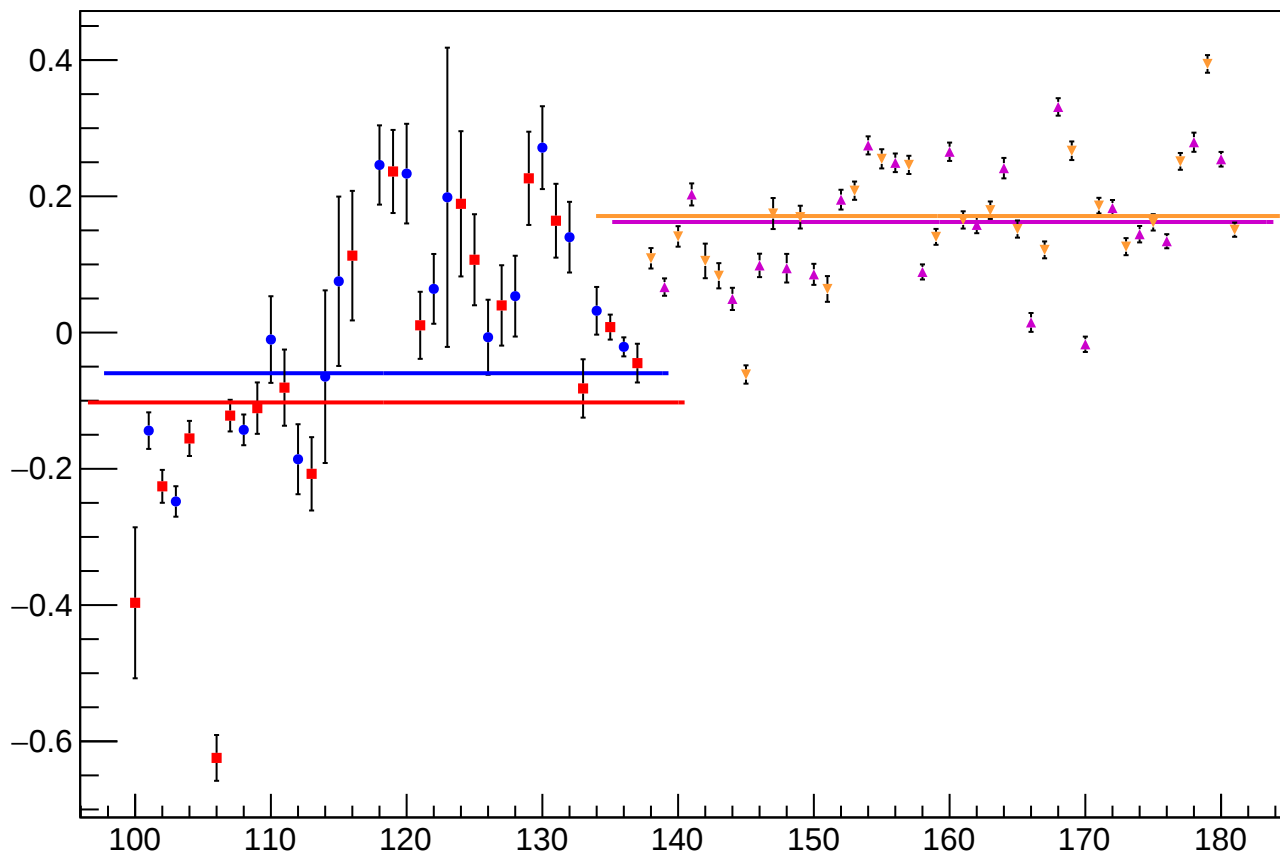
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.380 ± 0.060 χ^2/NDF : 3991.0/37

Out: -8.481 ± 0.059 χ^2/NDF : 3430.6/41

All: -8.432 ± 0.042 χ^2/NDF : 7423.1/79

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: 0.171 ± 0.003 χ^2/NDF : 890.2/22

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.162 ± 0.003 χ^2/NDF : 1102.4/20

Left: 0.167 ± 0.002 χ^2/NDF : 1997.3/43

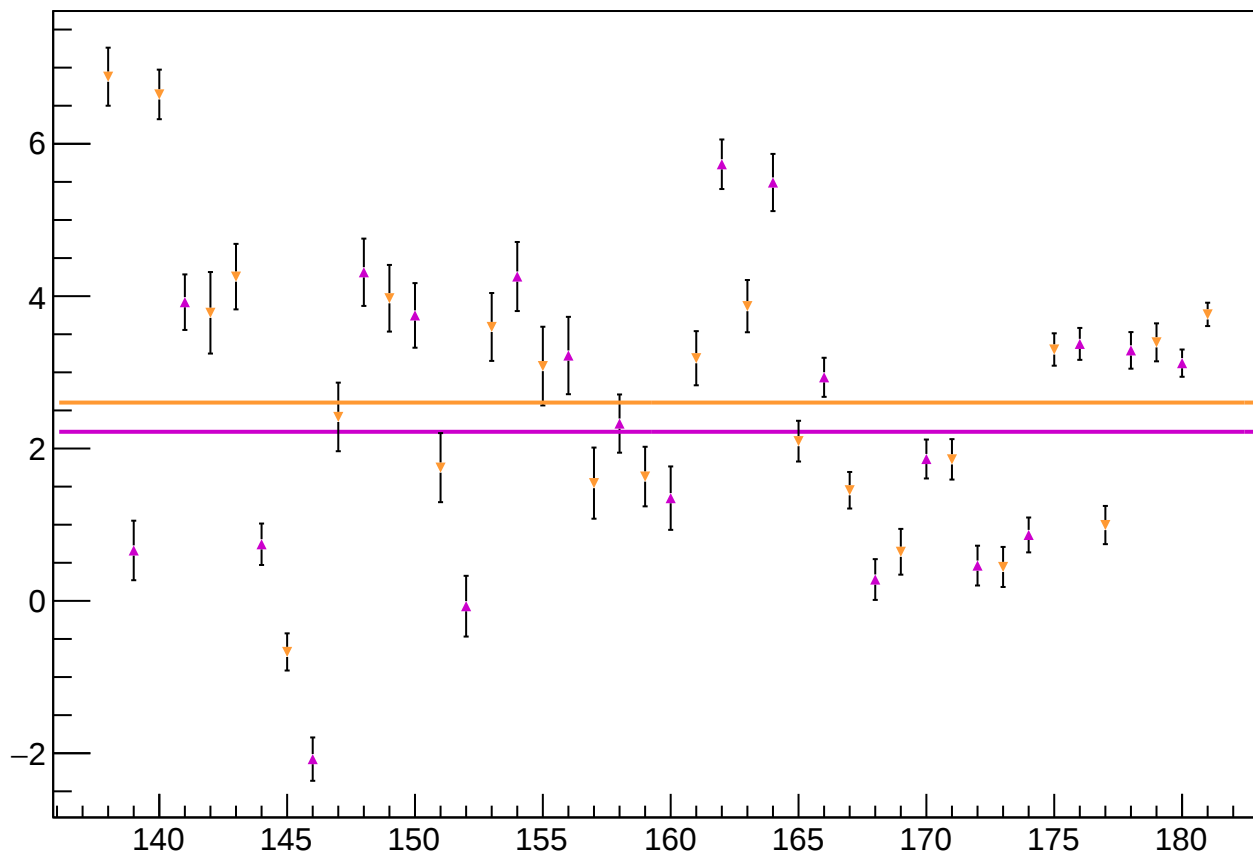
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.139 ± 0.003 χ^2/NDF : 1944.4/37

Out: 0.143 ± 0.003 χ^2/NDF : 2274.0/41

All: 0.141 ± 0.002 χ^2/NDF : 4219.6/79

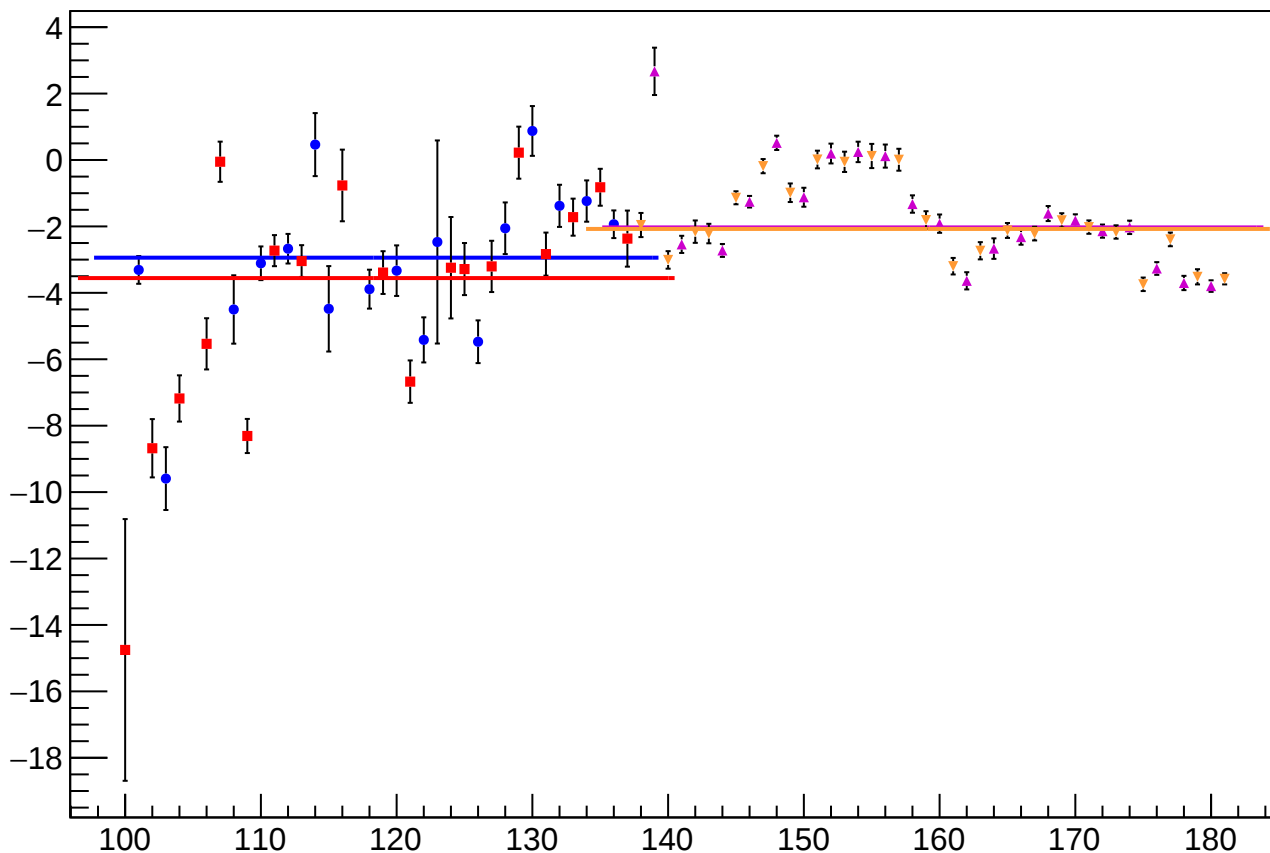
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.603 $\pm$ 0.062 χ^2 /NDF:790.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.220 $\pm$ 0.064 χ^2 /NDF:802.6/20

Left: 2.418 $\pm$ 0.044 χ^2 /NDF: 1611.9/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.220 $\pm$ 0.064 χ^2 /NDF:802.6/20
 Out: 2.603 $\pm$ 0.062 χ^2 /NDF:790.7/22
 All: 2.418 $\pm$ 0.044 χ^2 /NDF: 1611.9/43

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: -2.076 ± 0.050 χ^2/NDF : 529.0/22

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.030 ± 0.051 χ^2/NDF : 639.5/20

Left: -2.053 ± 0.035 χ^2/NDF : 1168.9/43

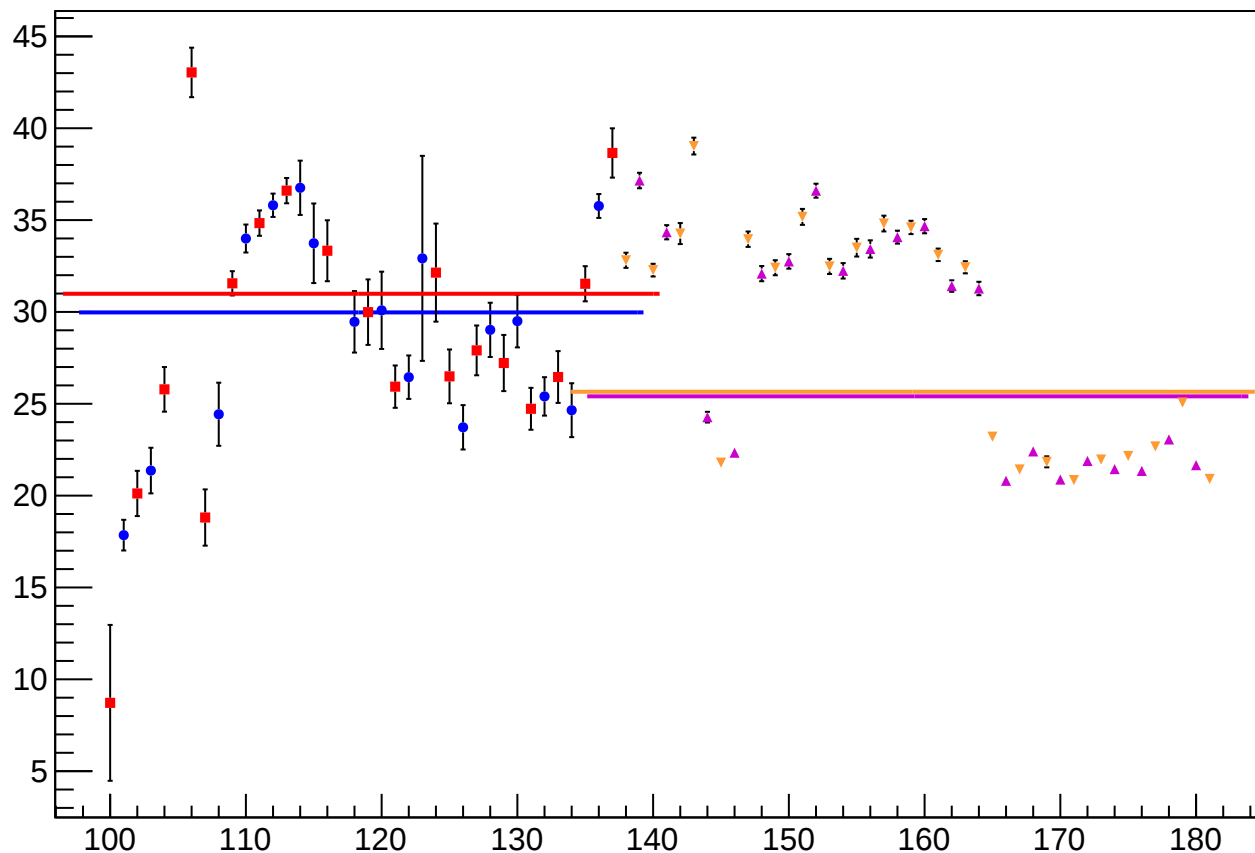
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.118 ± 0.048 χ^2/NDF : 816.6/37

Out: -2.214 ± 0.047 χ^2/NDF : 903.8/41

All: -2.167 ± 0.034 χ^2/NDF : 1722.4/79

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: 25.655 $\pm$ 0.062 χ^2 /NDF: 7959.1/22

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.404 $\pm$ 0.064 χ^2 /NDF: 7364.3/20

Left: 25.533 $\pm$ 0.045 χ^2 /NDF: 15331.3/43

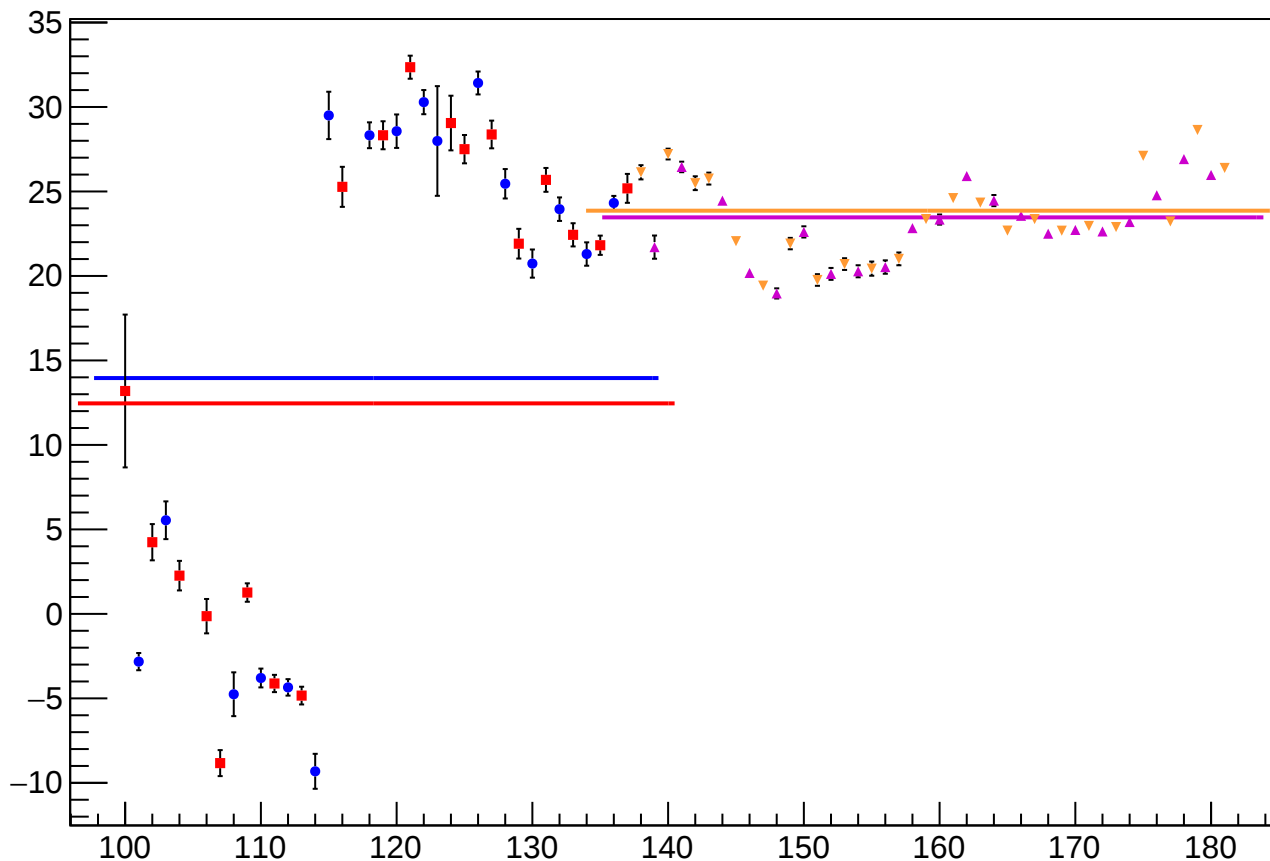
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 25.651 $\pm$ 0.062 χ^2 /NDF: 8194.9/37

Out: 25.945 $\pm$ 0.061 χ^2 /NDF: 8838.2/41

All: 25.802 $\pm$ 0.043 χ^2 /NDF: 17044.5/79

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 ± 0.172 χ^2/NDF : 7348.7/16

Left Out: 23.863 ± 0.056 χ^2/NDF : 1757.0/22

Right Out: 12.458 ± 0.174 χ^2/NDF : 6979.9/18

Left In: 23.467 ± 0.057 χ^2/NDF : 1390.4/20

Left: 23.669 ± 0.040 χ^2/NDF : 3172.2/43

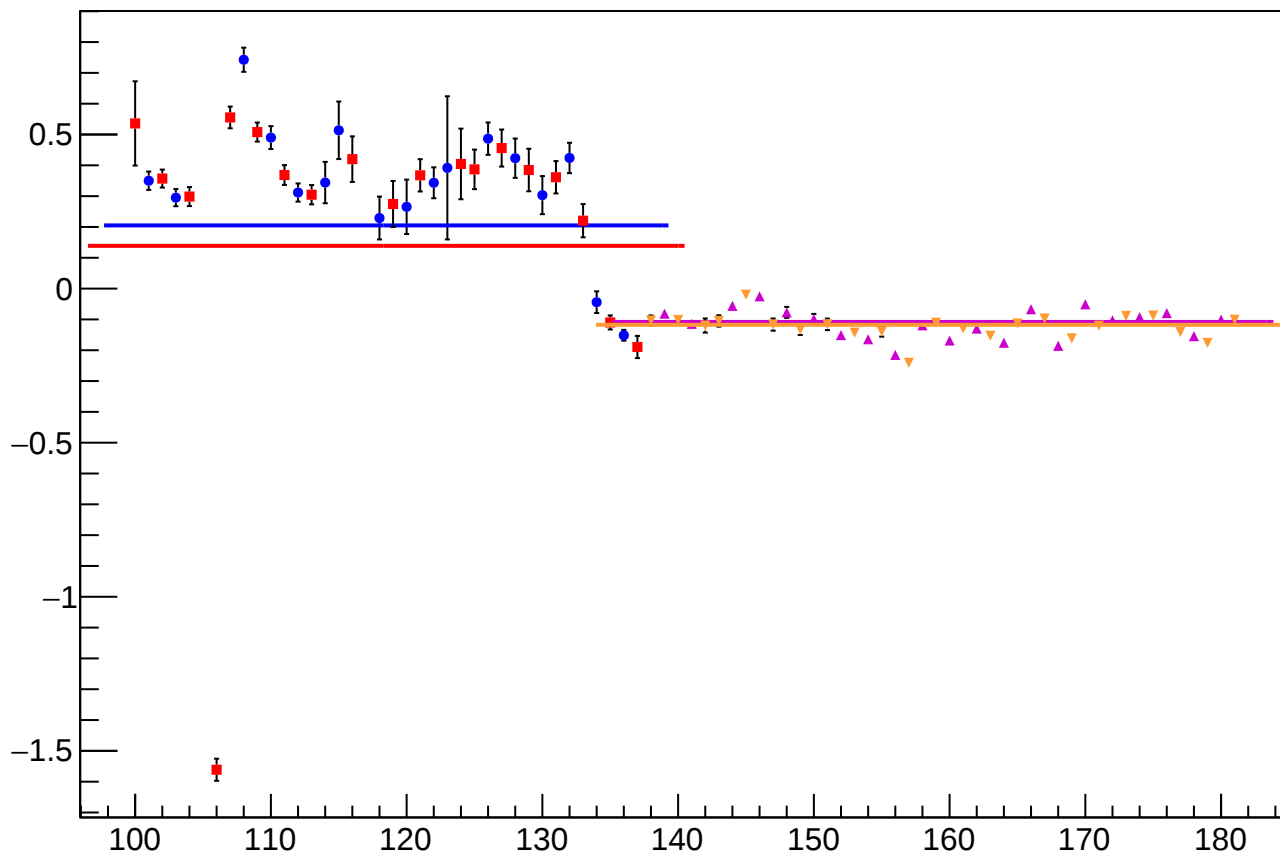
Right: 13.213 ± 0.122 χ^2/NDF : 14366.2/35

In: 22.537 ± 0.054 χ^2/NDF : 11487.4/37

Out: 22.801 ± 0.053 χ^2/NDF : 12650.4/41

All: 22.671 ± 0.038 χ^2/NDF : 24150.1/79

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: -0.118 ± 0.003 $\chi^2/\text{NDF}: 254.4/22$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.108 ± 0.003 $\chi^2/\text{NDF}: 318.2/20$

Left: -0.113 ± 0.002 $\chi^2/\text{NDF}: 579.1/43$

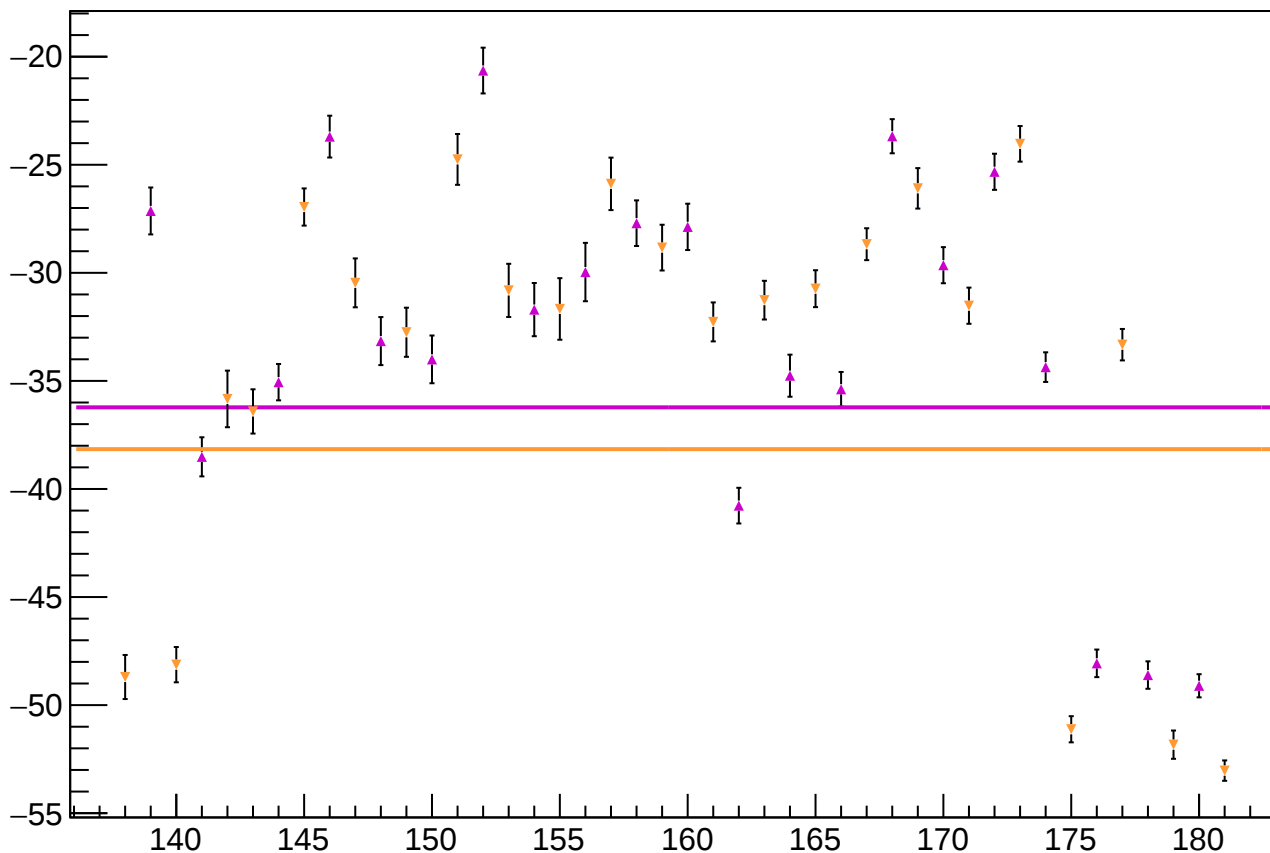
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.086 ± 0.002 $\chi^2/\text{NDF}: 2202.9/37$

Out: -0.099 ± 0.002 $\chi^2/\text{NDF}: 3991.8/41$

All: -0.093 ± 0.002 $\chi^2/\text{NDF}: 6208.7/79$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.223+/-0.185 χ^2/NDF :2464.2/20

Left: -37.229+/-0.128 χ^2/NDF : 6188.2/43

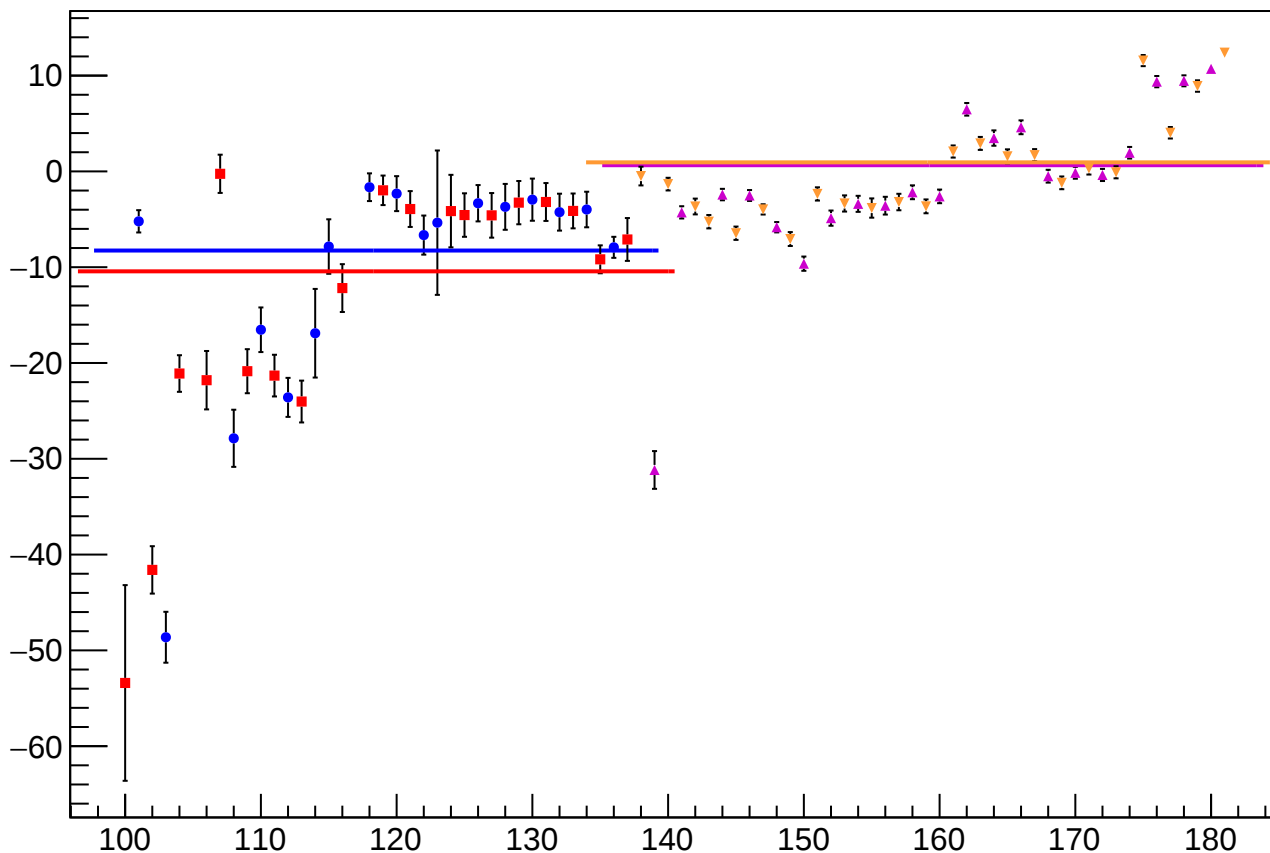
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.223+/-0.185 χ^2/NDF :2464.2/20

Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

All: -37.229+/-0.128 χ^2/NDF : 6188.2/43

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: 0.944 ± 0.141 χ^2/NDF : 1626.3/22

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: 0.645 ± 0.145 χ^2/NDF : 1798.7/20

Left: 0.800 ± 0.101 χ^2/NDF : 3427.2/43

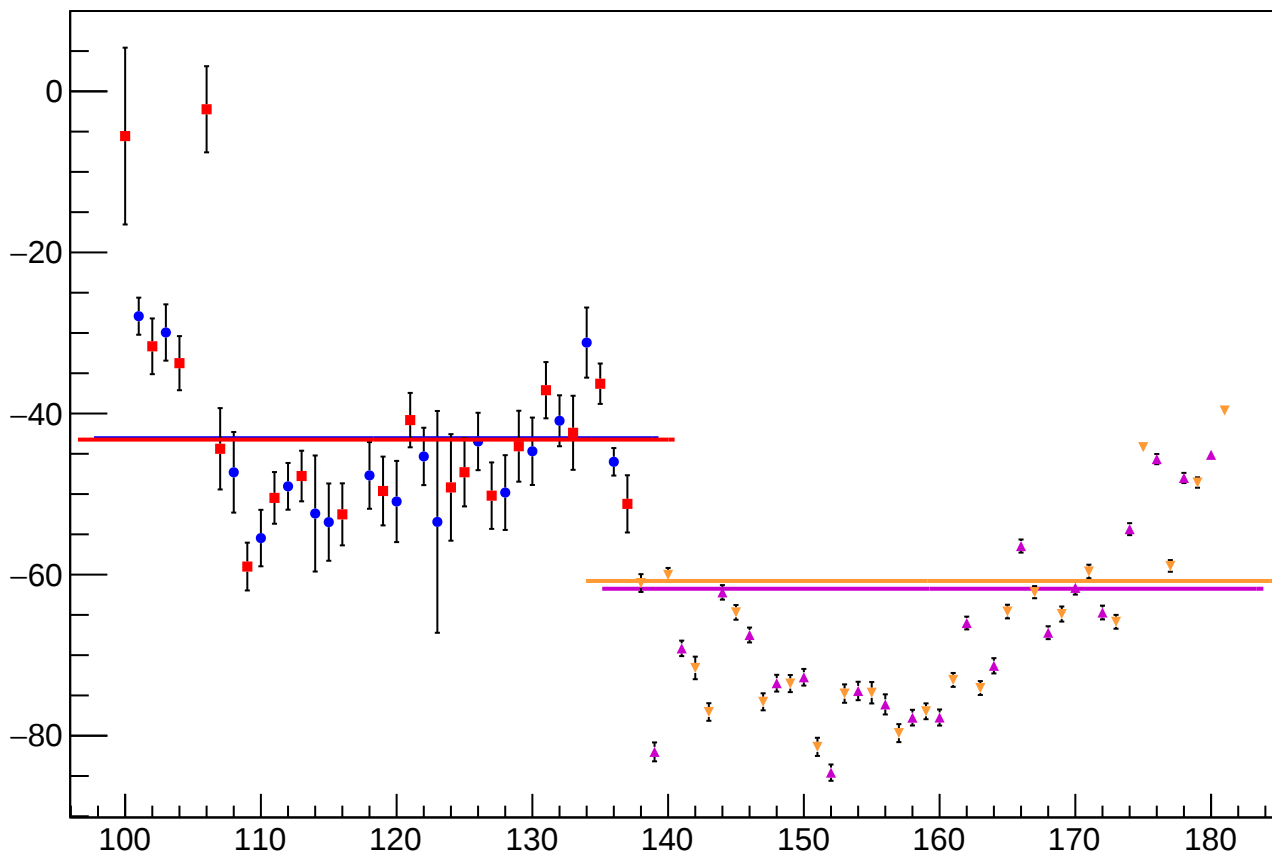
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -0.156 ± 0.139 χ^2/NDF : 2547.9/37

Out: 0.080 ± 0.135 χ^2/NDF : 2552.0/41

All: -0.035 ± 0.097 χ^2/NDF : 5101.3/79

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: -60.786 ± 0.179 $\chi^2/\text{NDF}: 5299.2/22$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -61.754 ± 0.184 $\chi^2/\text{NDF}: 4354.9/20$

Left: -61.255 ± 0.128 $\chi^2/\text{NDF}: 9668.3/43$

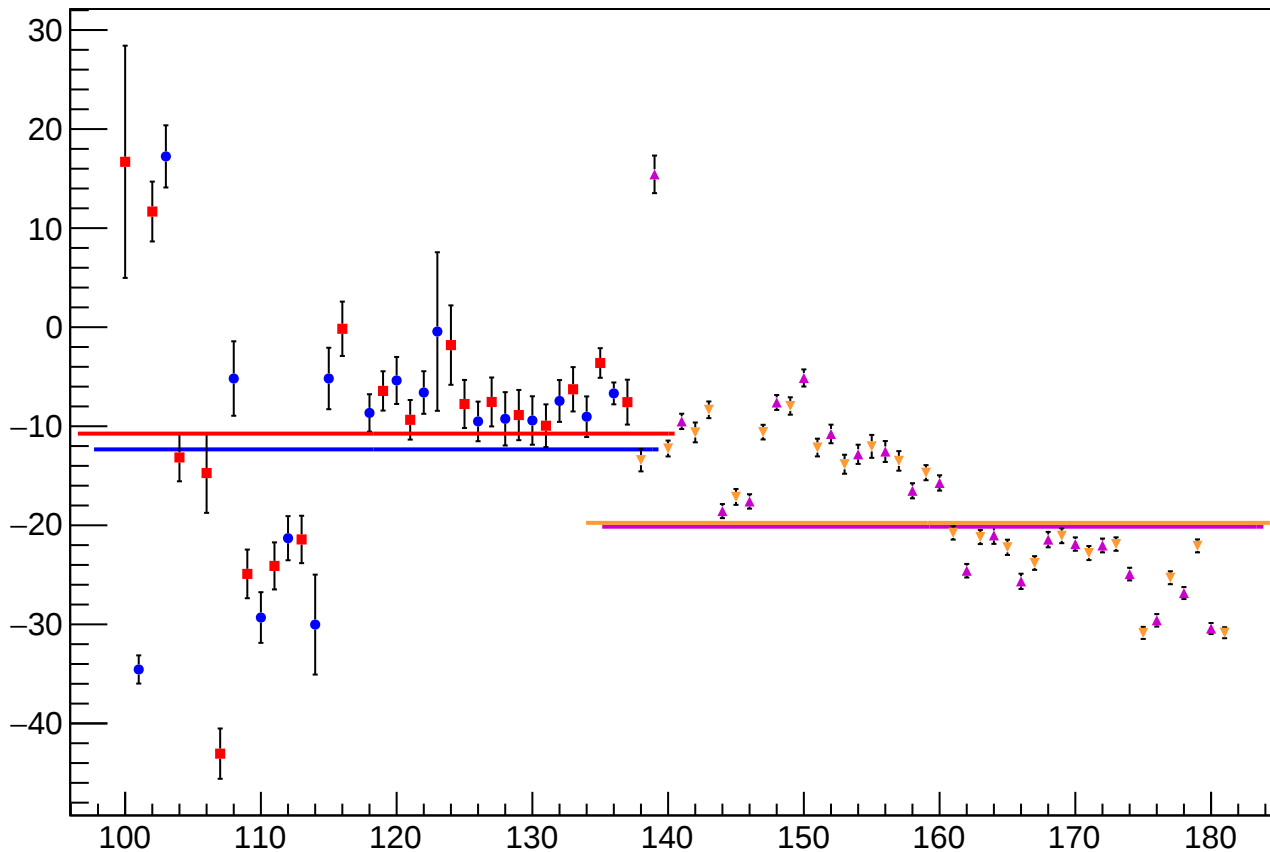
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -60.886 ± 0.180 $\chi^2/\text{NDF}: 4931.3/37$

Out: -60.071 ± 0.175 $\chi^2/\text{NDF}: 5847.2/41$

All: -60.466 ± 0.125 $\chi^2/\text{NDF}: 10789.1/79$

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: -19.751 ± 0.159 χ^2/NDF : 1864.8/22

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -20.140 ± 0.164 χ^2/NDF : 2252.8/20

Left: -19.940 ± 0.114 χ^2/NDF : 4120.5/43

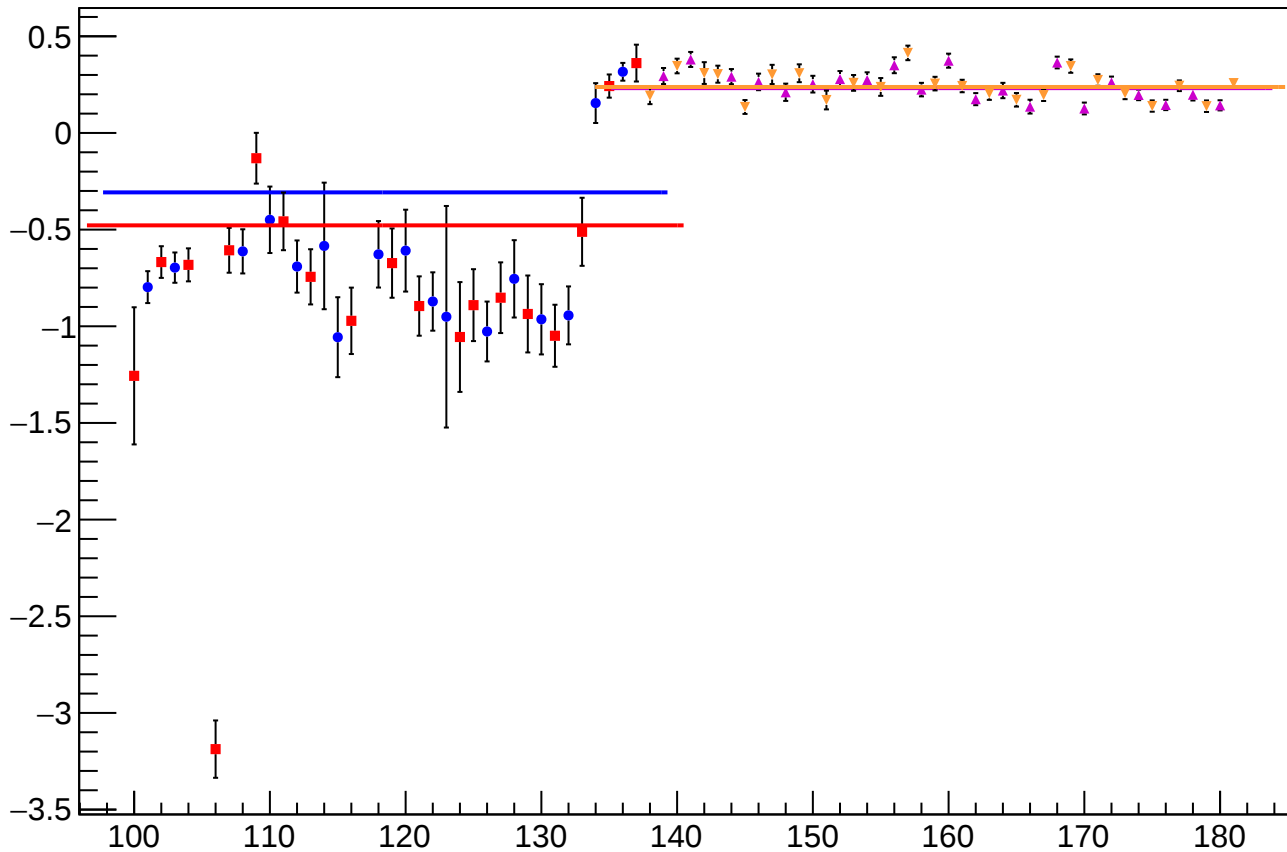
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -19.438 ± 0.156 χ^2/NDF : 2932.6/37

Out: -19.066 ± 0.153 χ^2/NDF : 2476.8/41

All: -19.248 ± 0.109 χ^2/NDF : 5412.3/79

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: 0.238 ± 0.007 χ^2/NDF : 91.6/22

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.232 ± 0.007 χ^2/NDF : 113.4/20

Left: 0.235 ± 0.005 χ^2/NDF : 205.3/43

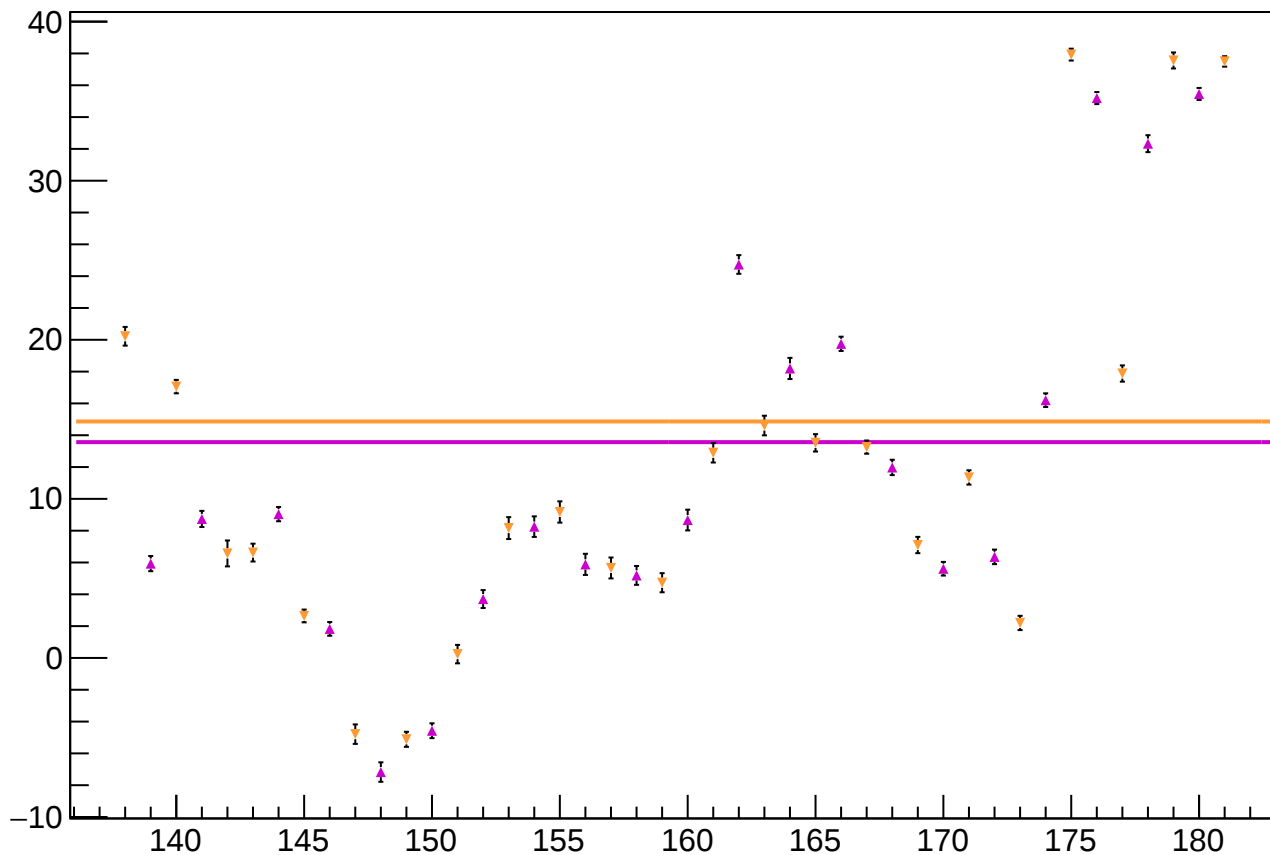
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.195 ± 0.007 χ^2/NDF : 842.8/37

Out: 0.193 ± 0.007 χ^2/NDF : 1313.4/41

All: 0.194 ± 0.005 χ^2/NDF : 2156.2/79

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: 14.865 $\pm$ 0.105 χ^2 /NDF:17233.9/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20

Left: 14.234 $\pm$ 0.075 χ^2 /NDF: 31020.2/43

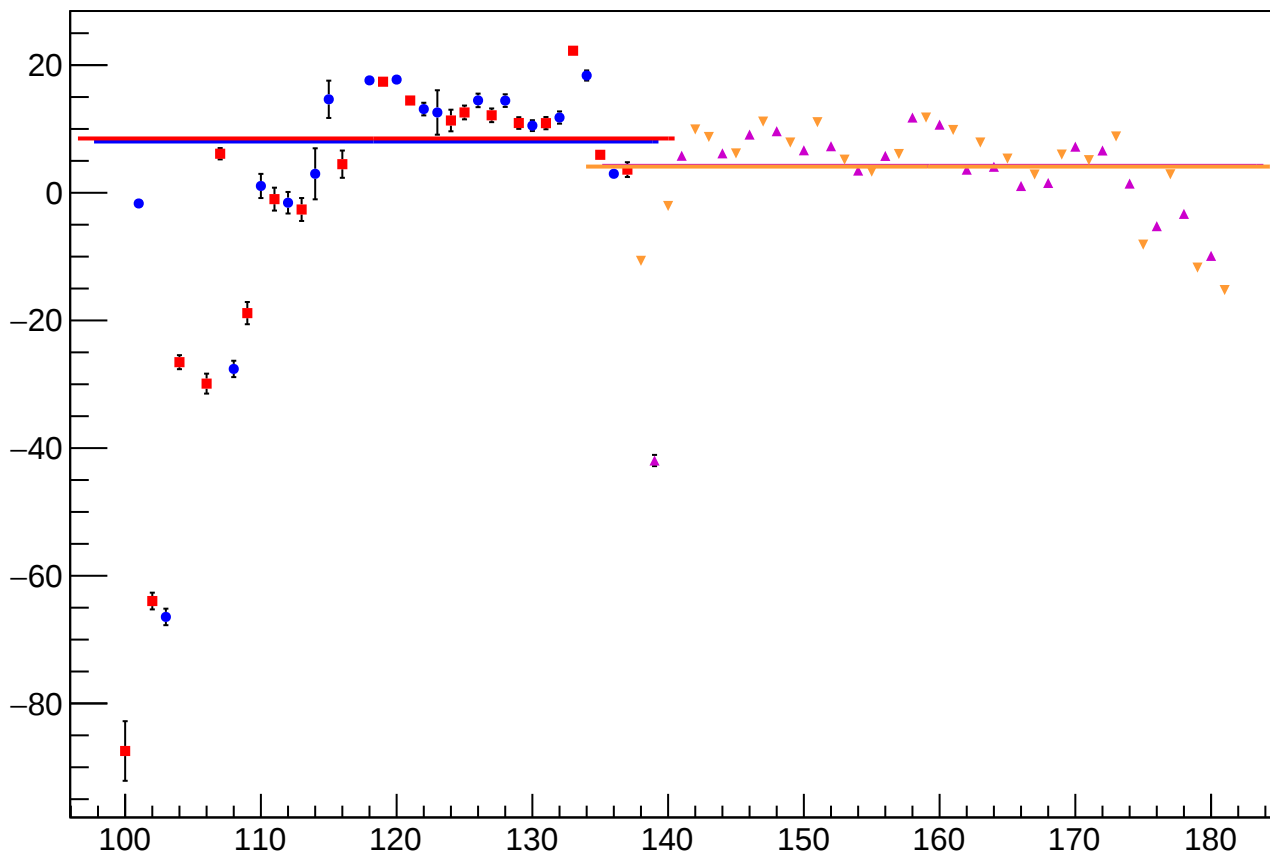
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20

Out: 14.865 $\pm$ 0.105 χ^2 /NDF:17233.9/22

All: 14.234 $\pm$ 0.075 χ^2 /NDF: 31020.2/43

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 4.106 ± 0.081 $\chi^2/\text{NDF}: 8419.0/22$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 4.219 ± 0.083 $\chi^2/\text{NDF}: 6842.4/20$

Left: 4.160 ± 0.058 $\chi^2/\text{NDF}: 15262.4/43$

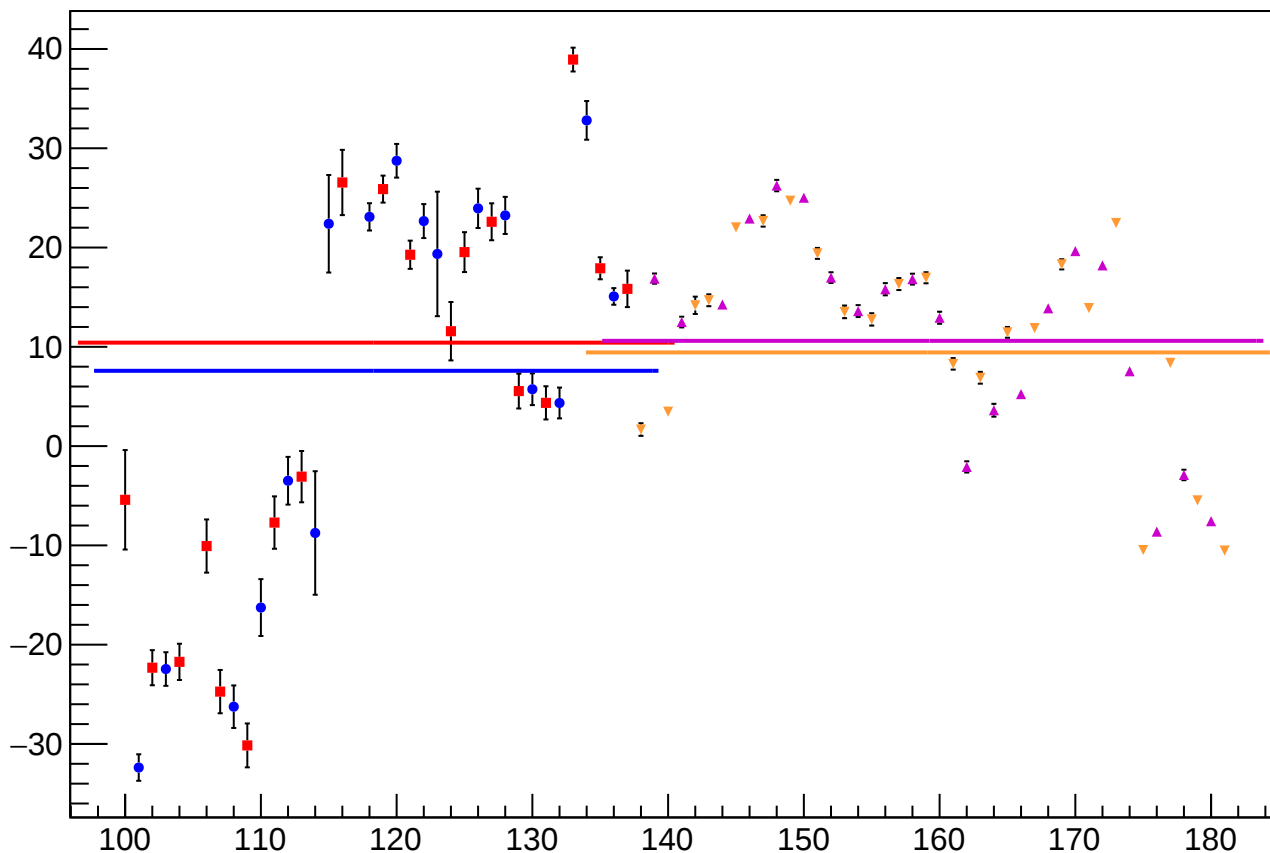
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 4.717 ± 0.078 $\chi^2/\text{NDF}: 12485.9/37$

Out: 4.660 ± 0.076 $\chi^2/\text{NDF}: 15506.0/41$

All: 4.687 ± 0.054 $\chi^2/\text{NDF}: 27992.1/79$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 9.437 $\pm$ 0.105 χ^2 /NDF:12180.8/22

Right Out: 10.422 $\pm$ 0.416 χ^2 /NDF: 2289.5/18

Left In: 10.603 $\pm$ 0.107 χ^2 /NDF:10484.2/20

Left: 10.007 $\pm$ 0.075 χ^2 /NDF: 22725.7/43

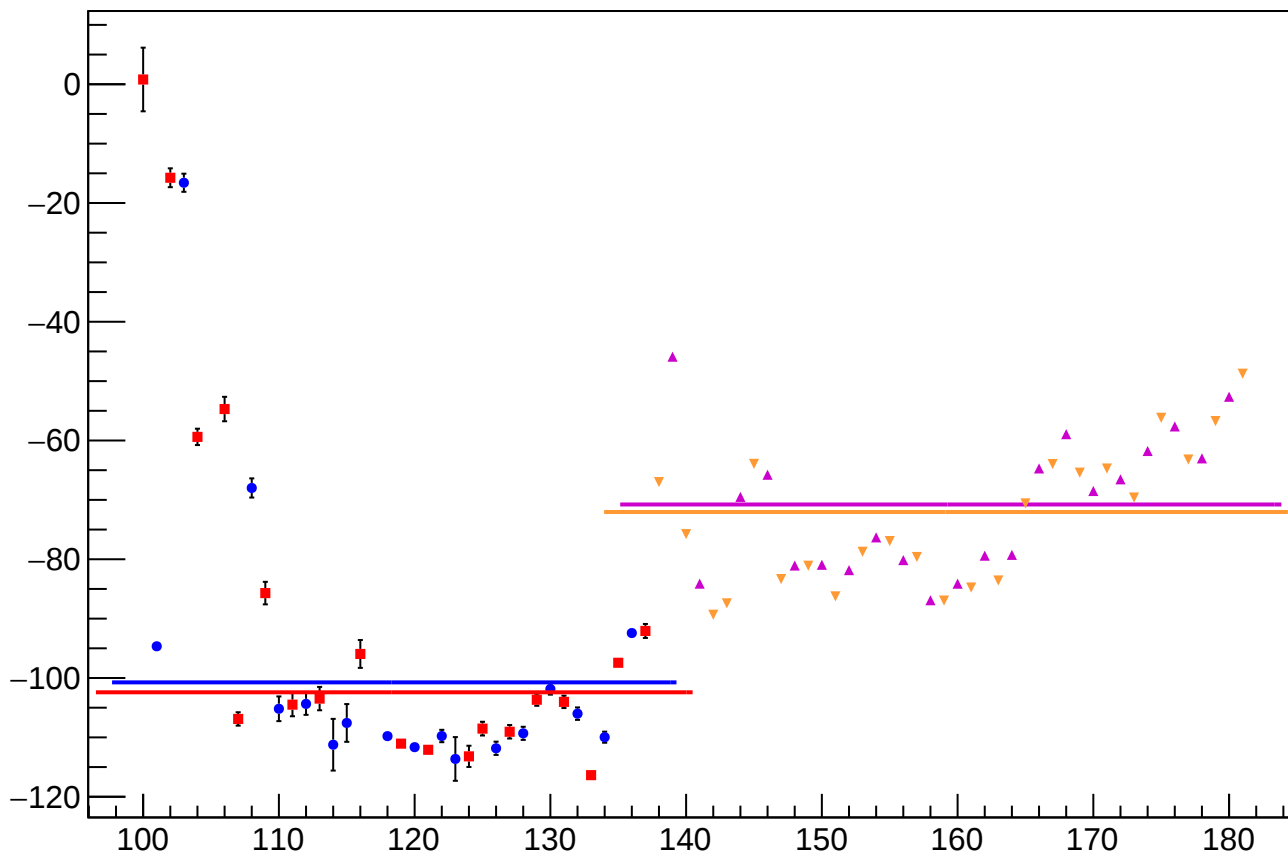
Right: 9.004 $\pm$ 0.294 χ^2 /NDF: 4635.5/35

In: 10.416 $\pm$ 0.104 χ^2 /NDF:12856.2/37

Out: 9.495 $\pm$ 0.102 χ^2 /NDF:14475.6/41

All: 9.946 $\pm$ 0.073 χ^2 /NDF: 27372.1/79

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -72.039 ± 0.092 χ^2/NDF : 15625.9/22

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -70.775 ± 0.094 χ^2/NDF : 12093.5/20

Left: -71.424 ± 0.066 χ^2/NDF : 27811.3/43

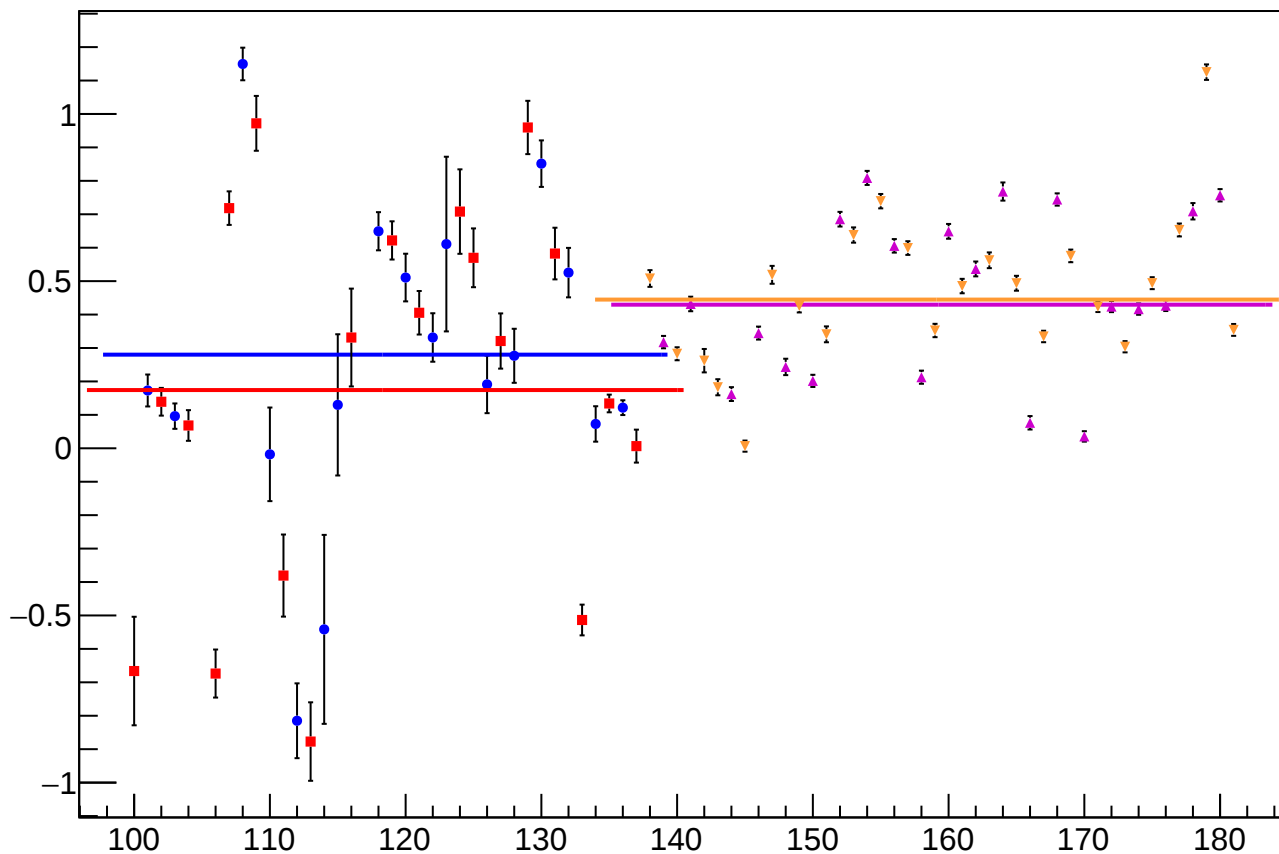
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -74.565 ± 0.088 χ^2/NDF : 29331.5/37

Out: -75.763 ± 0.086 χ^2/NDF : 35101.1/41

All: -75.179 ± 0.062 χ^2/NDF : 64526.9/79

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: 0.445 ± 0.004 χ^2/NDF : 2484.6/22

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.430 ± 0.004 χ^2/NDF : 3050.1/20

Left: 0.437 ± 0.003 χ^2/NDF : 5541.1/43

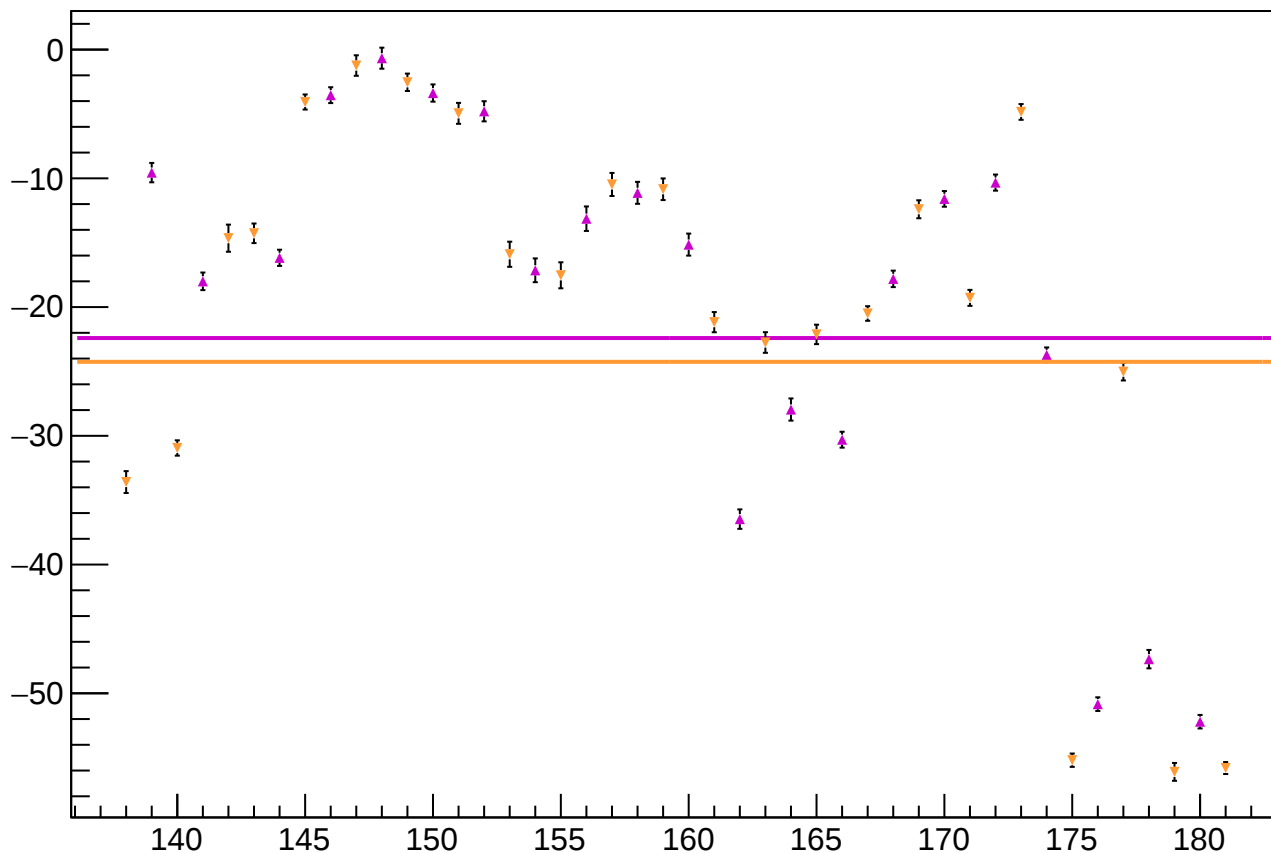
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.416 ± 0.004 χ^2/NDF : 3818.3/37

Out: 0.420 ± 0.004 χ^2/NDF : 3817.6/41

All: 0.418 ± 0.003 χ^2/NDF : 7636.5/79

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.405+/-0.149 χ^2/NDF :12368.6/20

Left: -23.356+/-0.104 χ^2/NDF : 28880.2/43

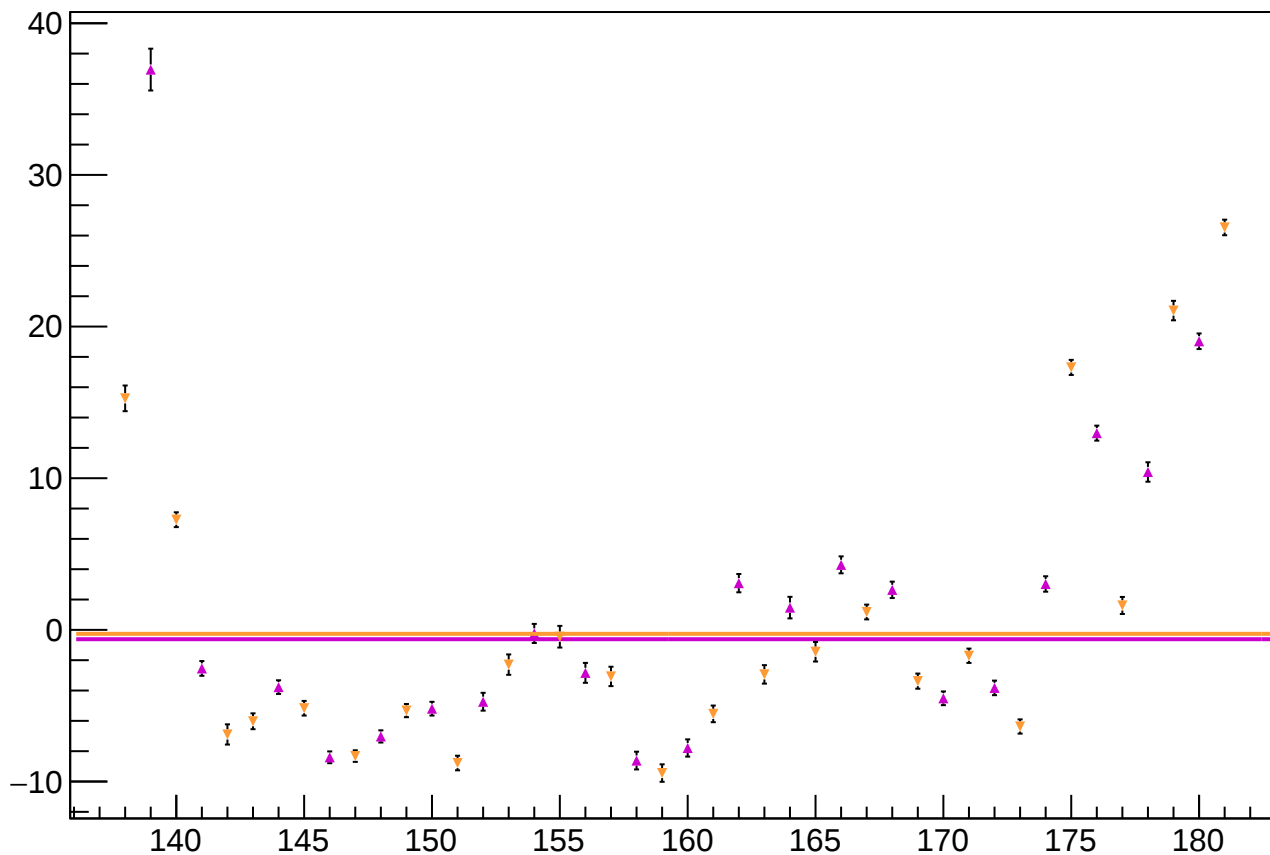
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.405+/-0.149 χ^2/NDF :12368.6/20

Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

All: -23.356+/-0.104 χ^2/NDF : 28880.2/43

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: -0.261+/-0.111 χ^2/NDF : 7499.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.617+/-0.115 χ^2/NDF : 4809.4/20

Left: -0.433+/-0.080 χ^2/NDF : 12314.2/43

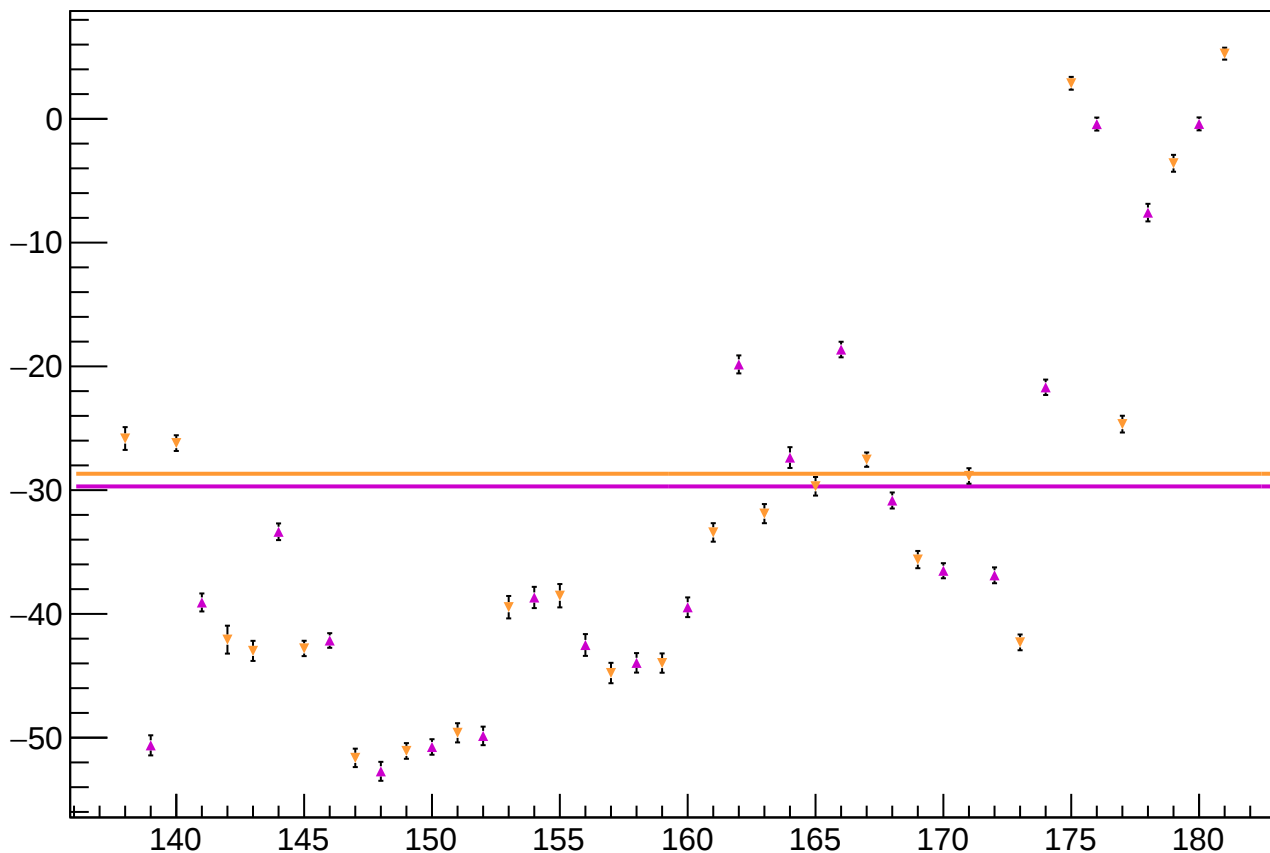
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.617+/-0.115 χ^2/NDF : 4809.4/20

Out: -0.261+/-0.111 χ^2/NDF : 7499.9/22

All: -0.433+/-0.080 χ^2/NDF : 12314.2/43

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: -28.675+/-0.145 χ^2/NDF :15581.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Left: -29.176+/-0.104 χ^2/NDF : 28599.7/43

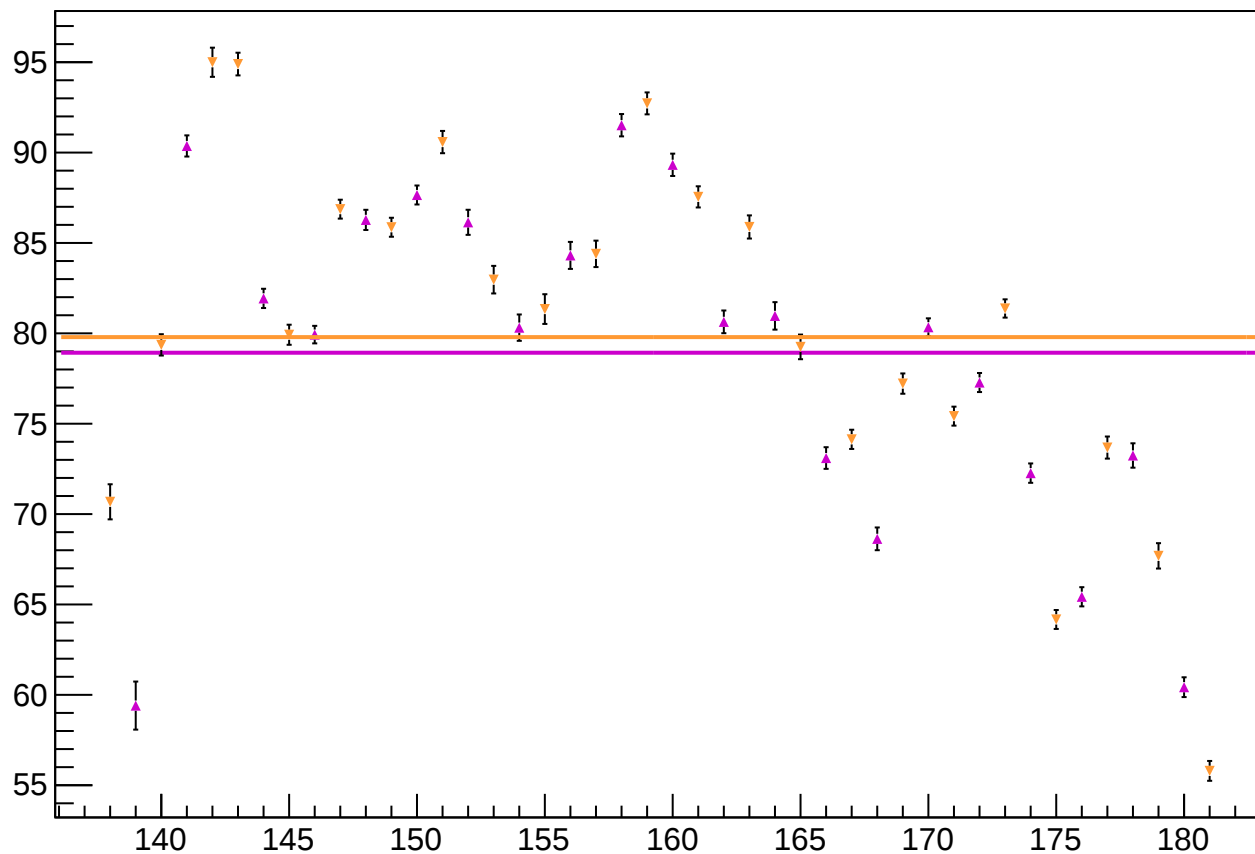
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Out: -28.675+/-0.145 χ^2/NDF :15581.4/22

All: -29.176+/-0.104 χ^2/NDF : 28599.7/43

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: 79.791 $\pm$ 0.127 χ^2/NDF :5838.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20

Left: 79.371 $\pm$ 0.091 χ^2/NDF : 10216.9/43

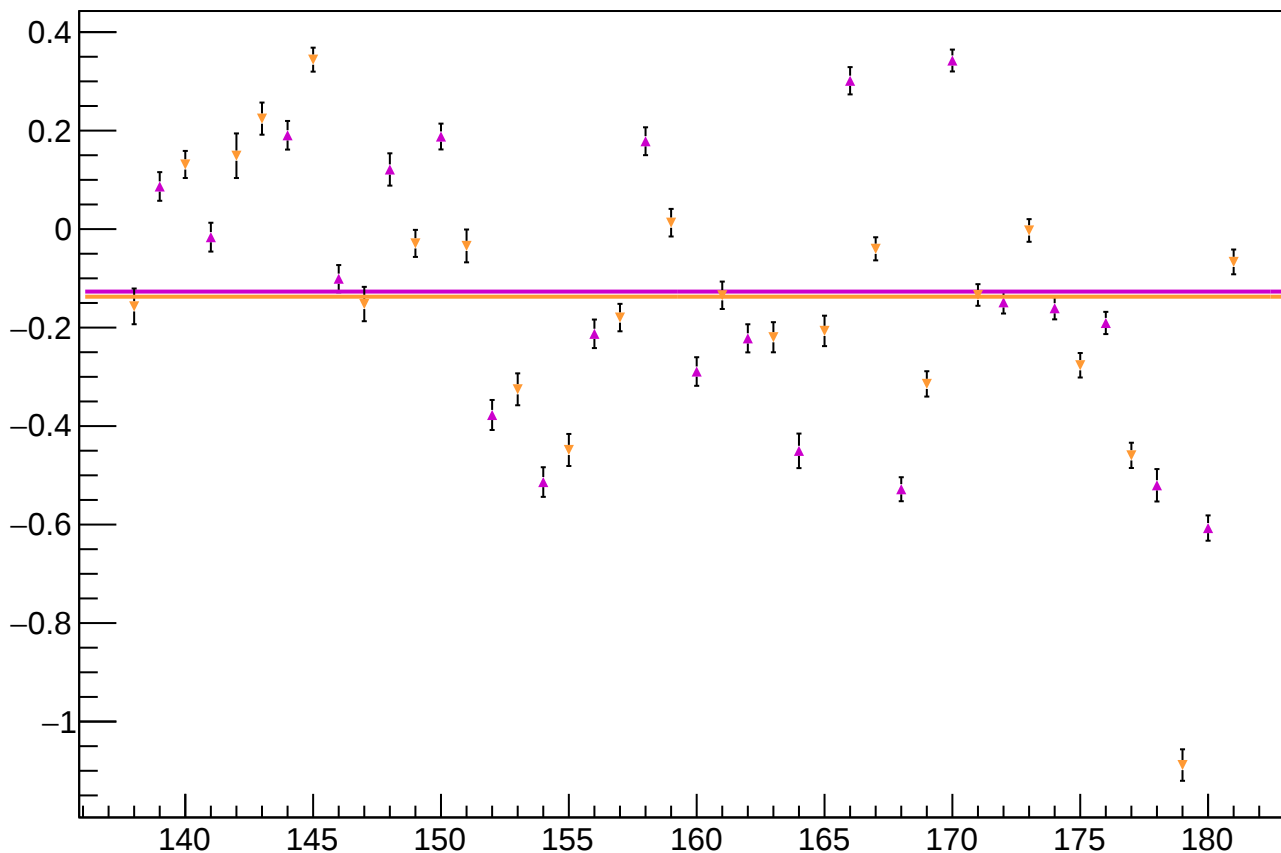
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20

Out: 79.791 $\pm$ 0.127 χ^2/NDF :5838.6/22

All: 79.371 $\pm$ 0.091 χ^2/NDF : 10216.9/43

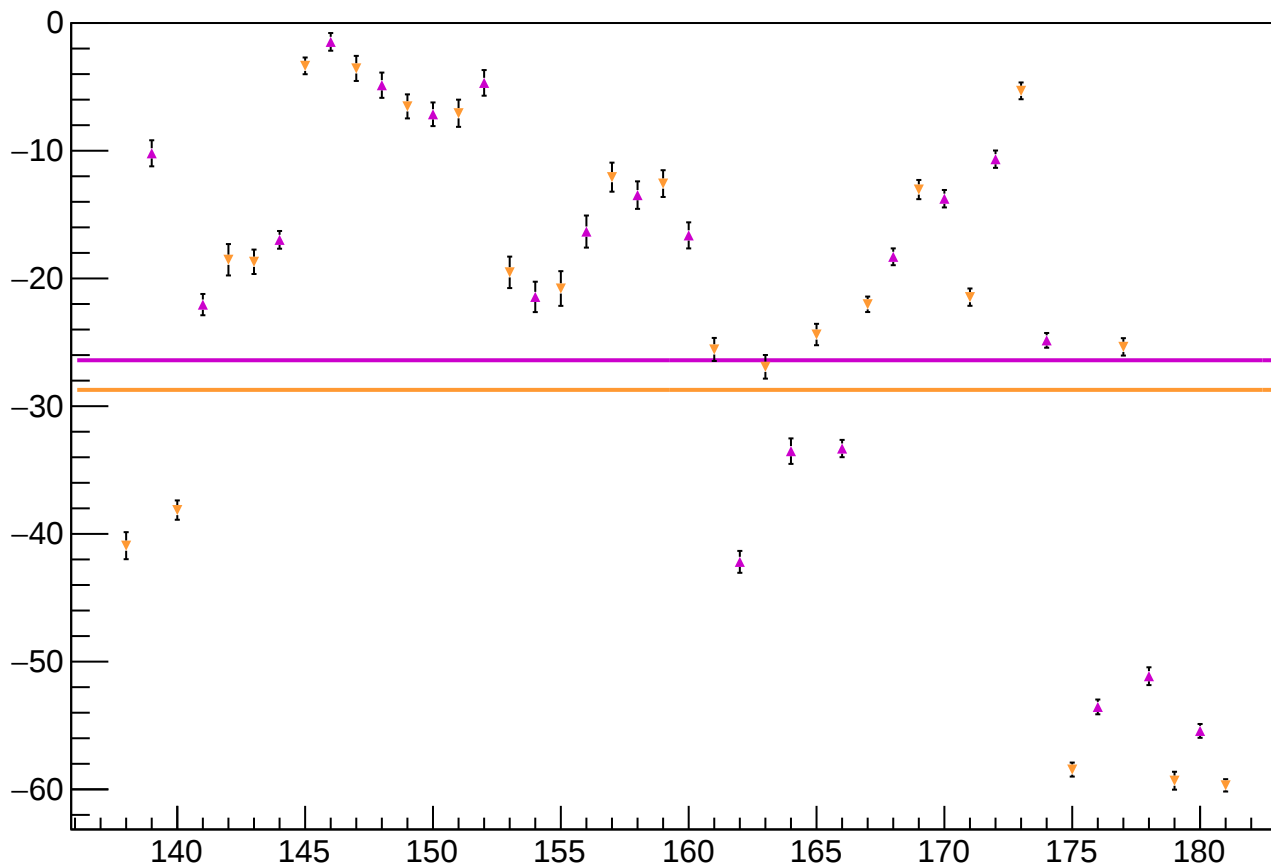
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.127 $\pm$ 0.006 χ^2 /NDF:2334.1/20

Left: -0.132 $\pm$ 0.004 χ^2 /NDF: 4359.3/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.127 $\pm$ 0.006 χ^2 /NDF:2334.1/20
 Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 All: -0.132 $\pm$ 0.004 χ^2 /NDF: 4359.3/43

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: -28.723+/-0.164 χ^2/NDF :15084.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.404+/-0.168 χ^2/NDF :11312.8/20

Left: -27.591+/-0.117 χ^2/NDF : 26494.6/43

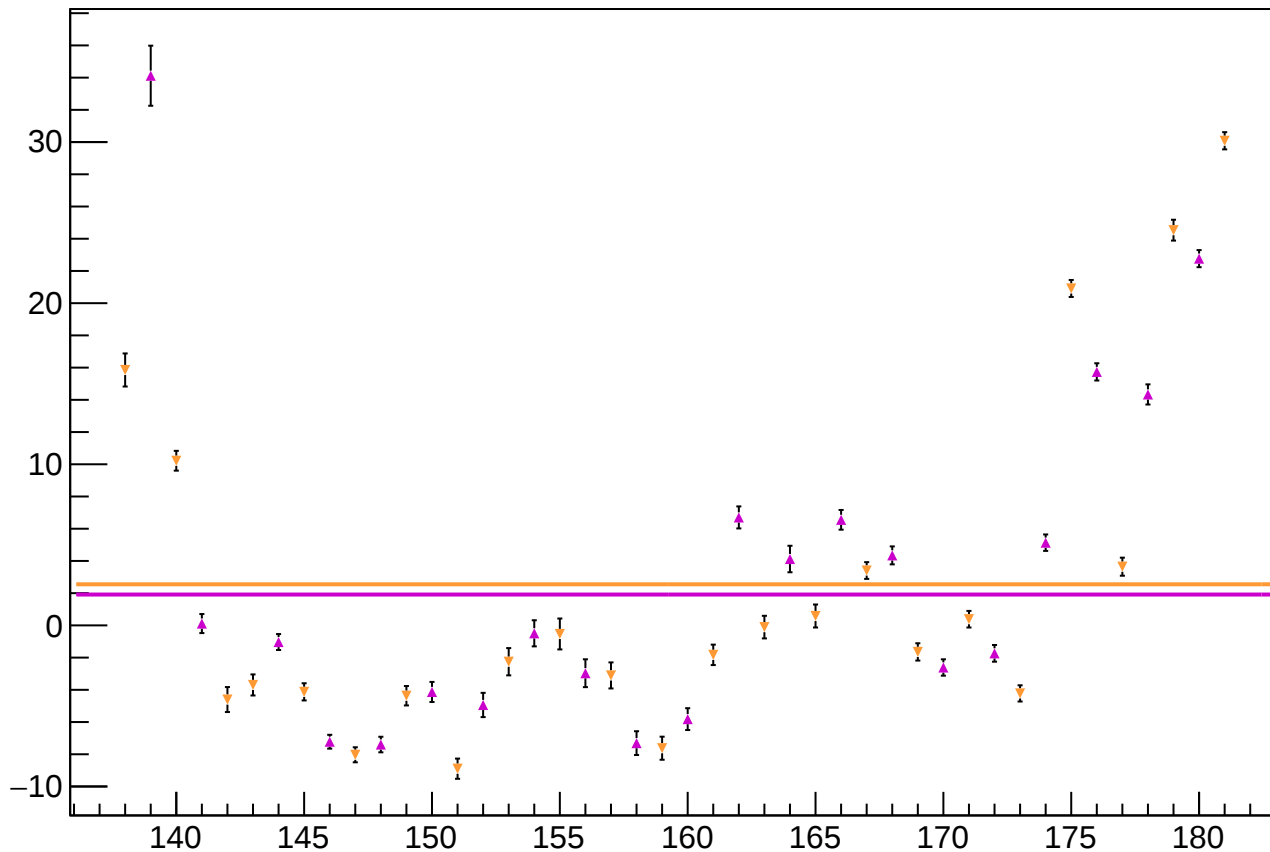
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.404+/-0.168 χ^2/NDF :11312.8/20

Out: -28.723+/-0.164 χ^2/NDF :15084.0/22

All: -27.591+/-0.117 χ^2/NDF : 26494.6/43

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: 2.551+/-0.128 χ^2/NDF :7296.5/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.915+/-0.130 χ^2/NDF :4581.3/20

Left: 2.239+/-0.091 χ^2/NDF : 11889.9/43

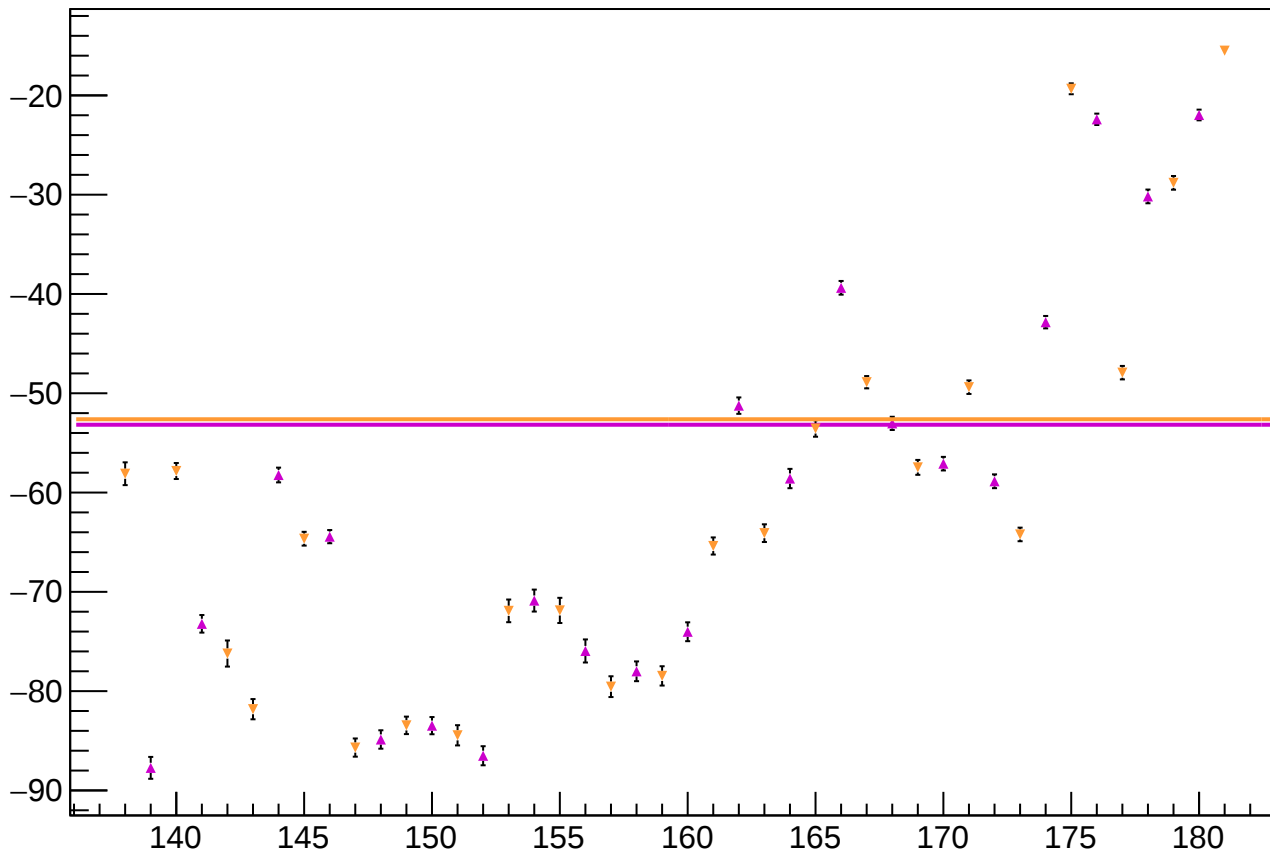
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.915+/-0.130 χ^2/NDF :4581.3/20

Out: 2.551+/-0.128 χ^2/NDF :7296.5/22

All: 2.239+/-0.091 χ^2/NDF : 11889.9/43

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: -52.618+/-0.165 χ^2/NDF :18019.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Left: -52.889+/-0.117 χ^2/NDF : 33337.1/43

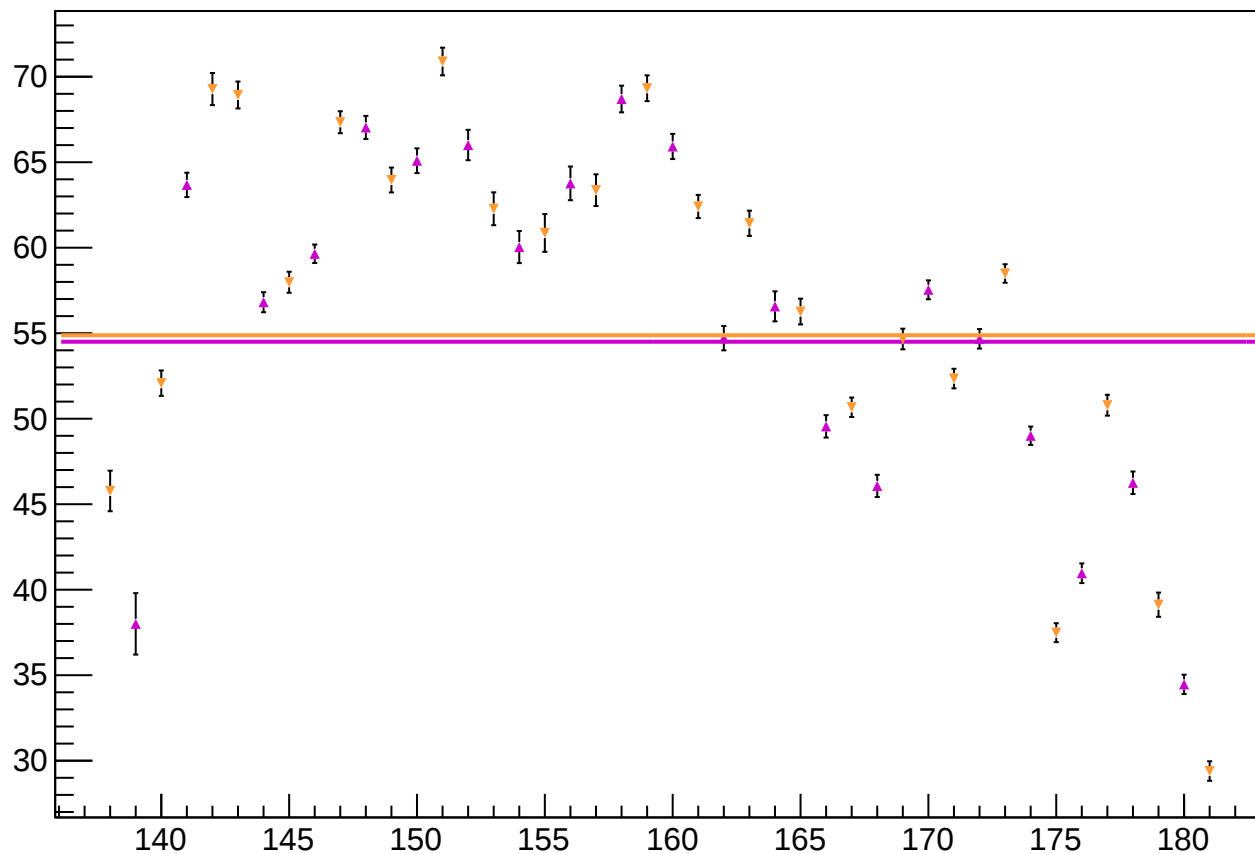
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Out: -52.618+/-0.165 χ^2/NDF :18019.5/22

All: -52.889+/-0.117 χ^2/NDF : 33337.1/43

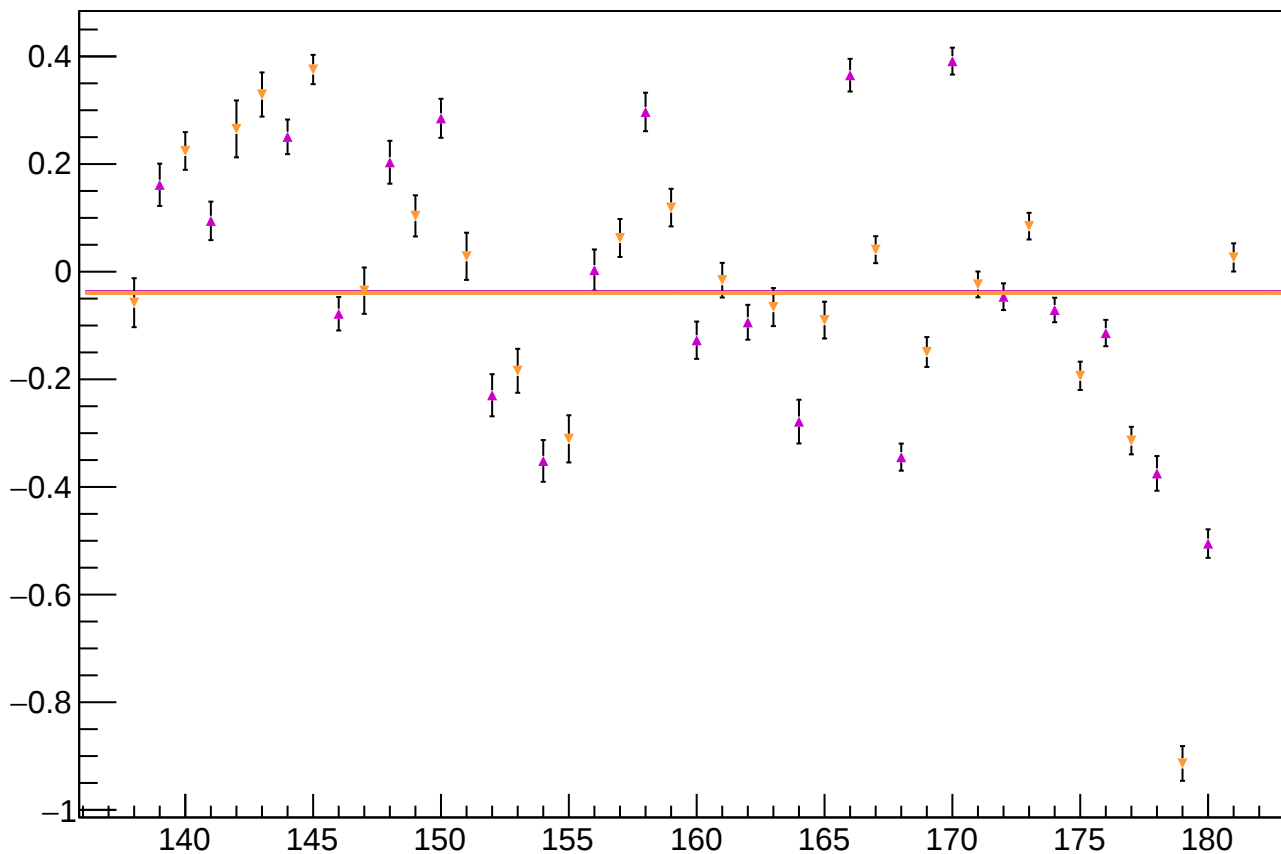
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 54.502 $\pm$ 0.148 χ^2 /NDF:4118.0/20

Left: 54.696 $\pm$ 0.103 χ^2 /NDF: 10081.7/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 54.502 $\pm$ 0.148 χ^2 /NDF:4118.0/20
 Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 All: 54.696 $\pm$ 0.103 χ^2 /NDF: 10081.7/43

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



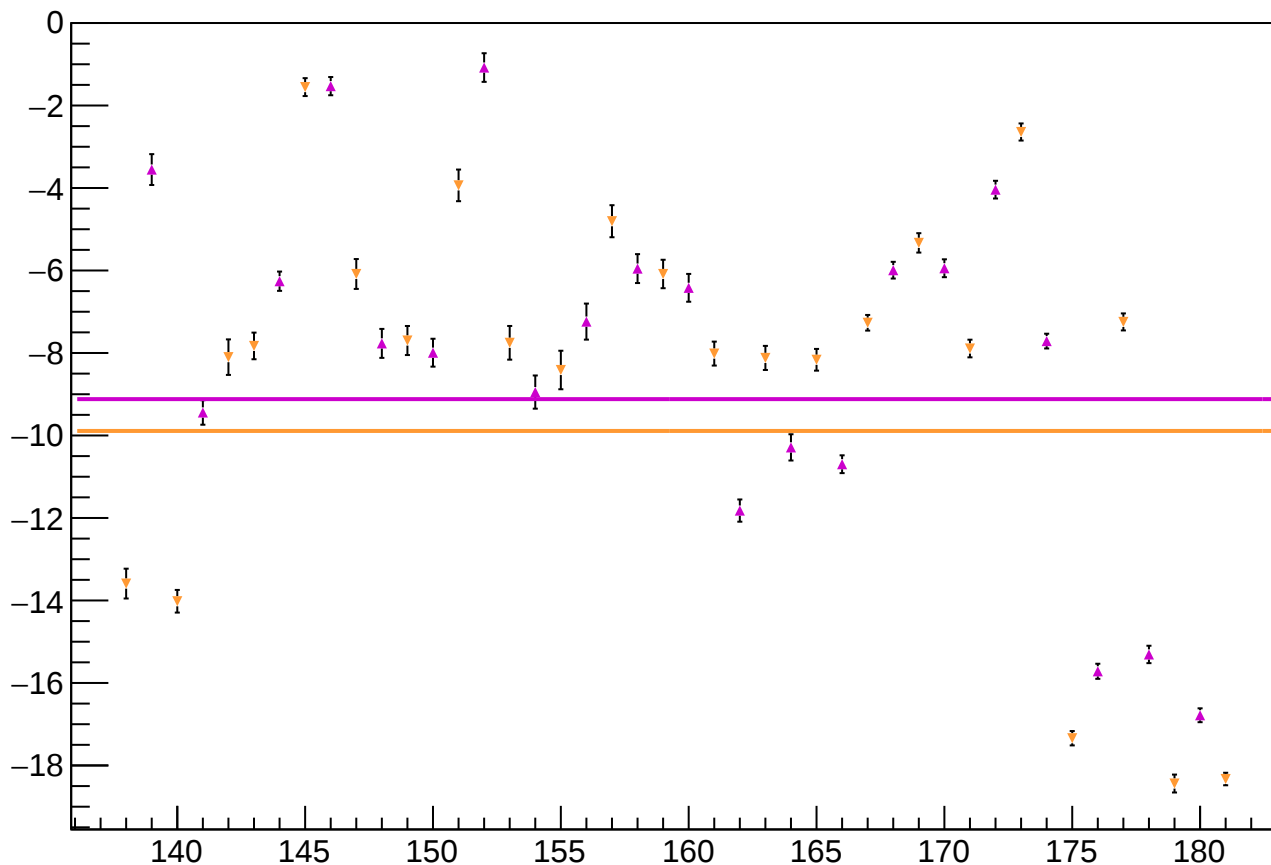
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.038 $\pm$ 0.007 χ^2 /NDF:1511.8/20

Left: -0.039 $\pm$ 0.005 χ^2 /NDF: 2955.5/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.038 $\pm$ 0.007 χ^2 /NDF:1511.8/20
 Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22

All: -0.039 $\pm$ 0.005 χ^2 /NDF: 2955.5/43

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



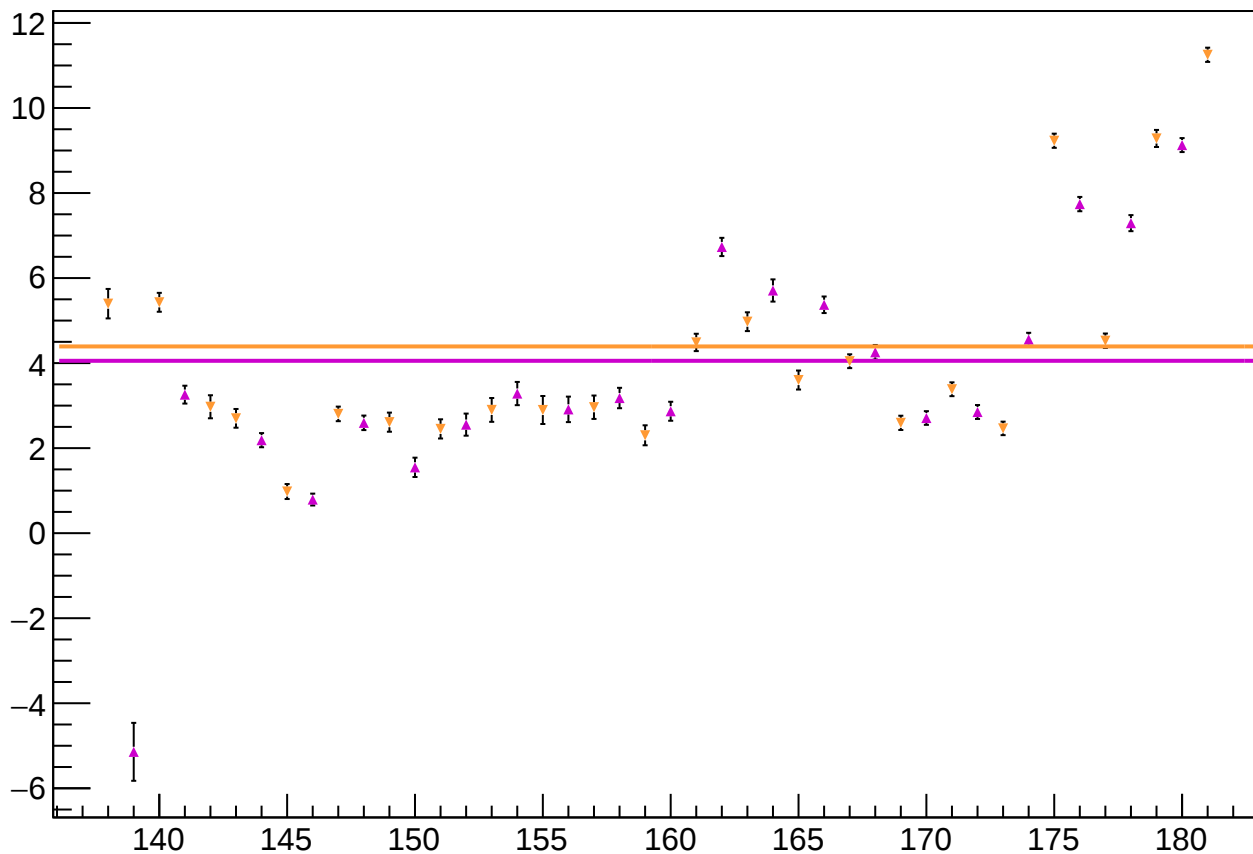
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.890 $\pm$ 0.053 χ^2 /NDF:11214.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.119 $\pm$ 0.054 χ^2 /NDF:7756.9/20

Left: -9.512 $\pm$ 0.038 χ^2 /NDF: 19074.7/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.119 $\pm$ 0.054 χ^2 /NDF:7756.9/20
 Out: -9.890 $\pm$ 0.053 χ^2 /NDF:11214.1/22

All: -9.512 $\pm$ 0.038 χ^2 /NDF: 19074.7/43

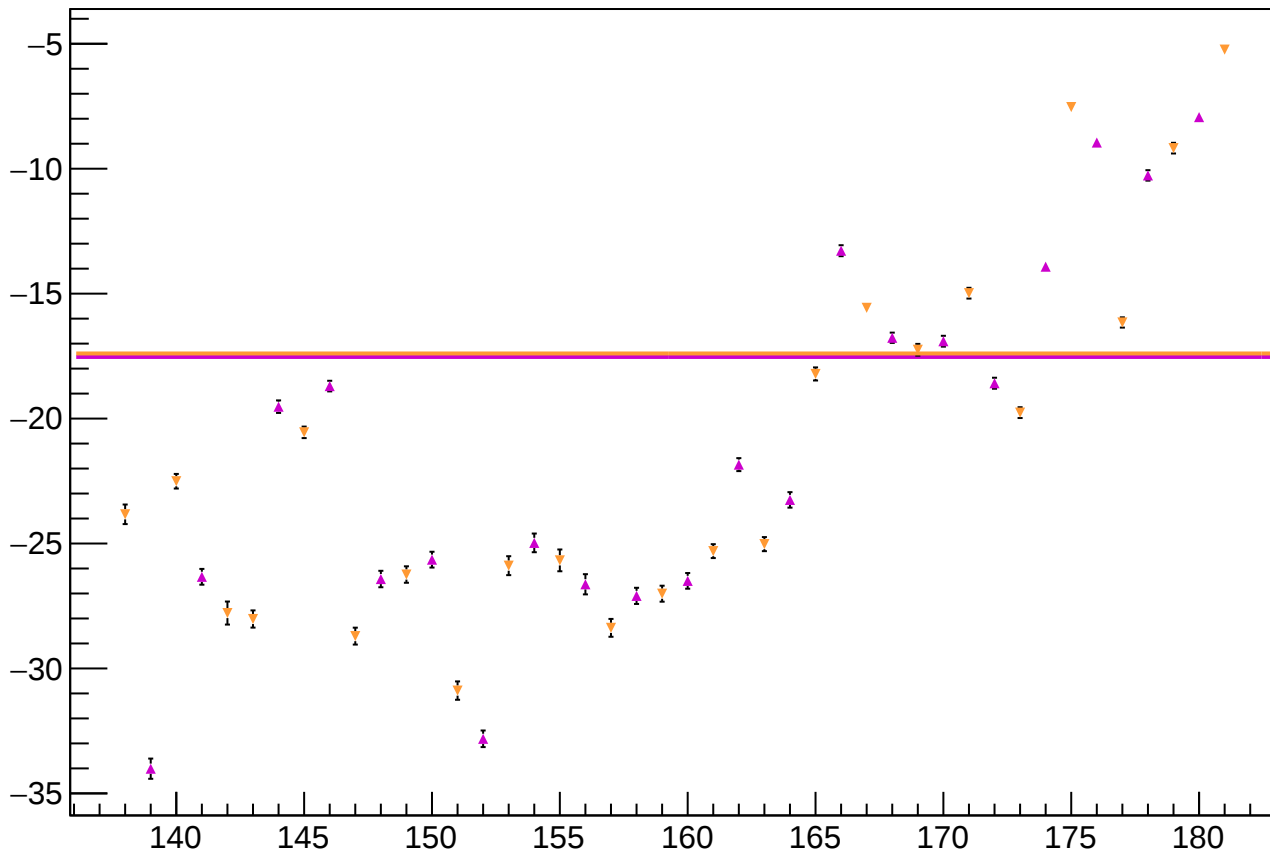
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.392 $\pm$ 0.042 χ^2 /NDF:4305.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.054 $\pm$ 0.042 χ^2 /NDF:3260.6/20

Left: 4.225 $\pm$ 0.030 χ^2 /NDF: 7598.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.054 $\pm$ 0.042 χ^2 /NDF:3260.6/20
 Out: 4.392 $\pm$ 0.042 χ^2 /NDF:4305.3/22
 All: 4.225 $\pm$ 0.030 χ^2 /NDF: 7598.0/43

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: -17.395+/-0.053 χ^2/NDF :20649.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.533+/-0.054 χ^2/NDF :16739.5/20

Left: -17.463+/-0.038 χ^2/NDF : 37392.0/43

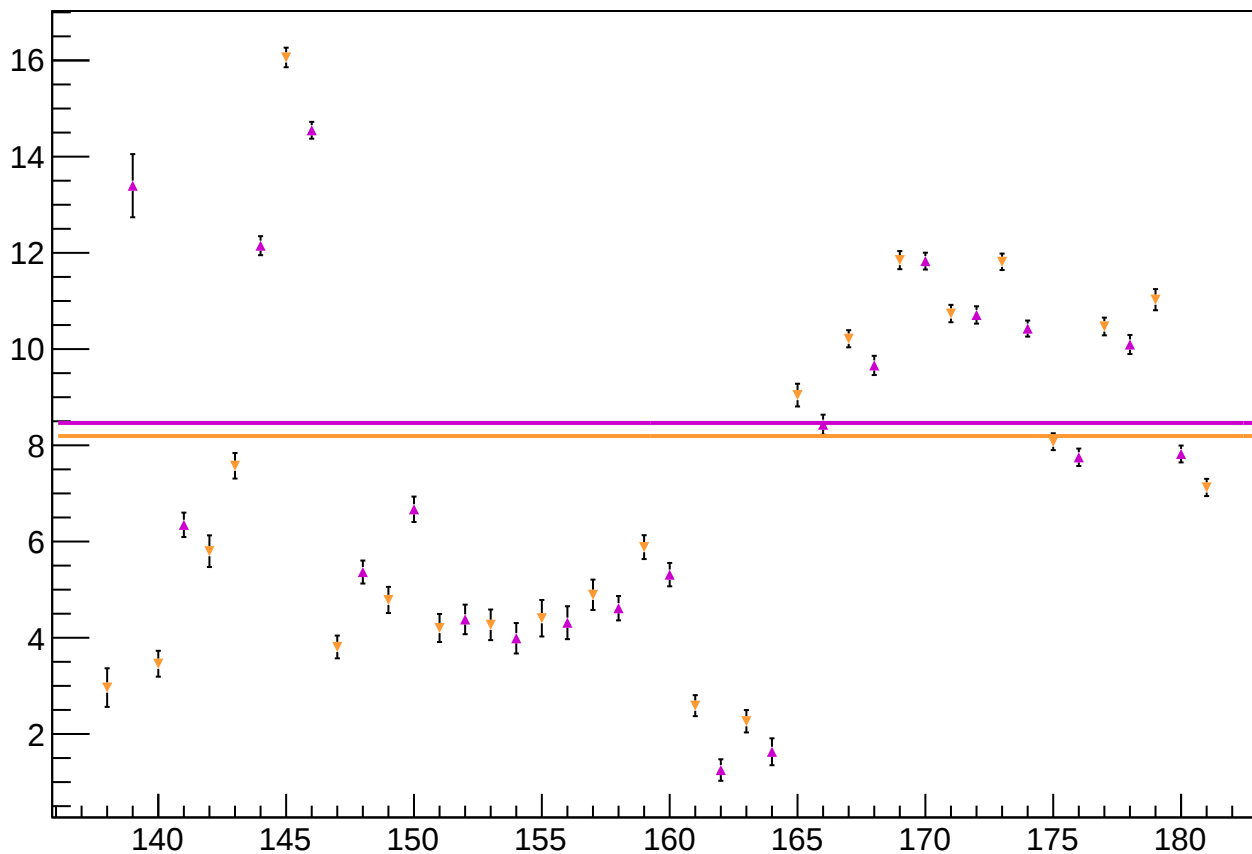
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.533+/-0.054 χ^2/NDF :16739.5/20

Out: -17.395+/-0.053 χ^2/NDF :20649.1/22

All: -17.463+/-0.038 χ^2/NDF : 37392.0/43

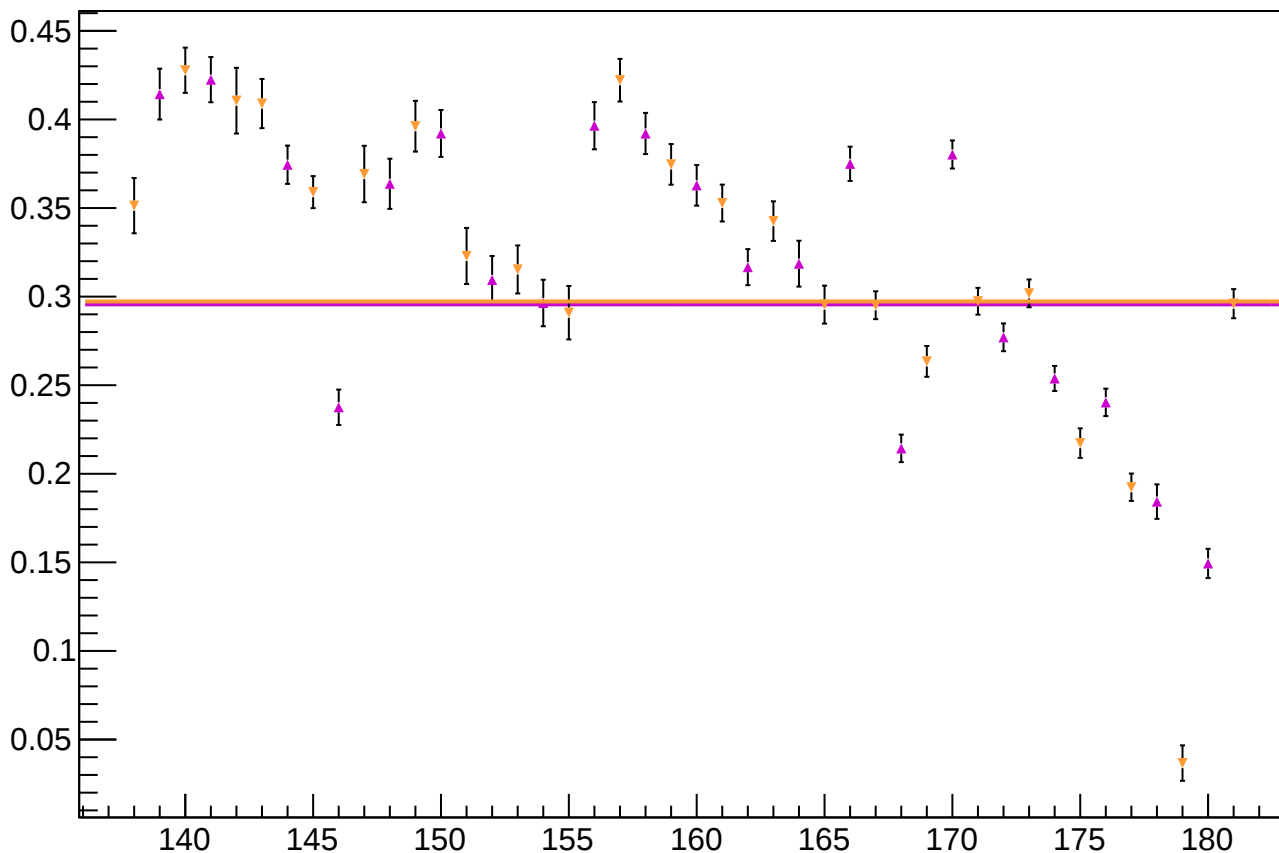
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.193+/-0.047 χ^2/NDF :6001.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.465+/-0.048 χ^2/NDF :5255.0/20

Left: 8.327+/-0.034 χ^2/NDF : 11272.5/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.465+/-0.048 χ^2/NDF :5255.0/20
 Out: 8.193+/-0.047 χ^2/NDF :6001.0/22
 All: 8.327+/-0.034 χ^2/NDF : 11272.5/43

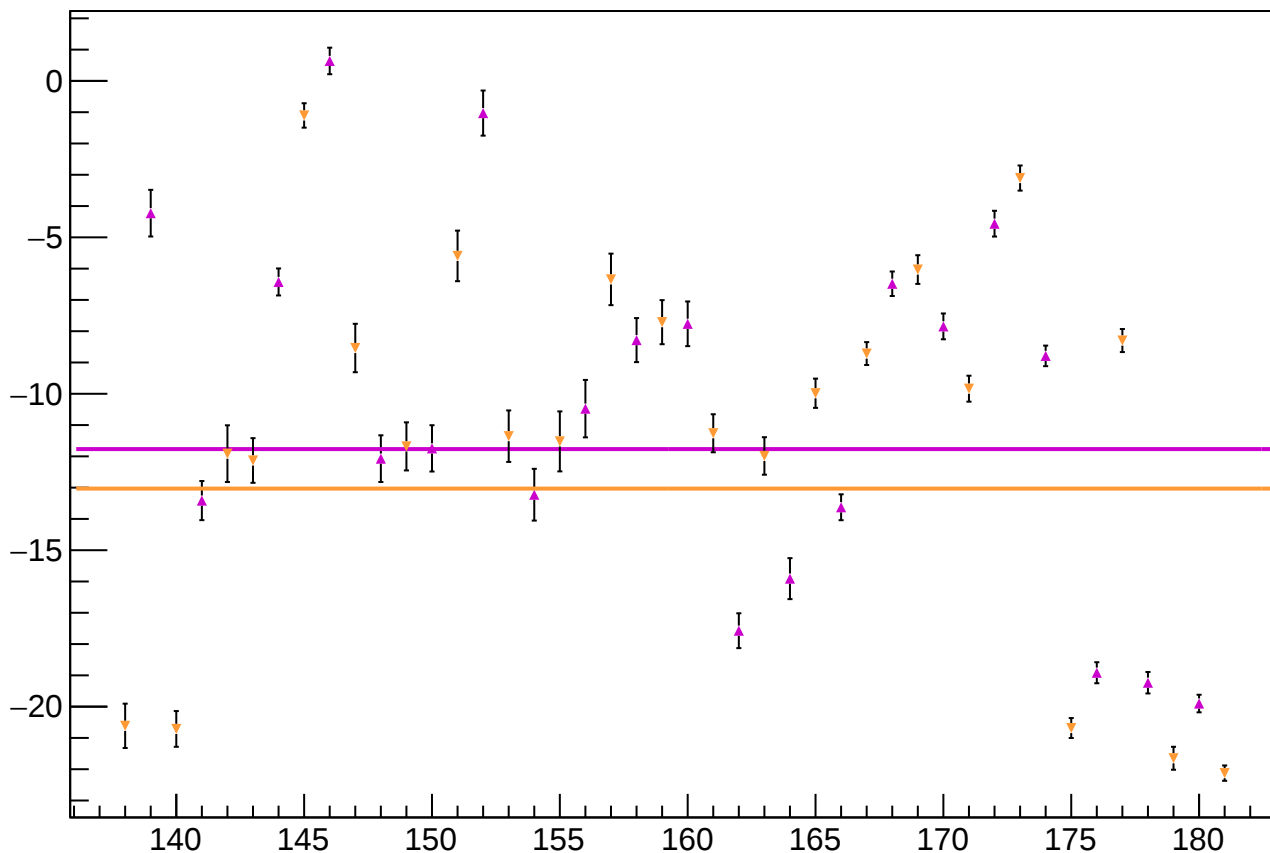
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.297+/-0.002 χ^2/NDF :1506.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.296+/-0.002 χ^2/NDF :1327.5/20

Left: 0.296+/-0.002 χ^2/NDF : 2834.4/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.296+/-0.002 χ^2/NDF :1327.5/20
 Out: 0.297+/-0.002 χ^2/NDF :1506.6/22
 All: 0.296+/-0.002 χ^2/NDF : 2834.4/43

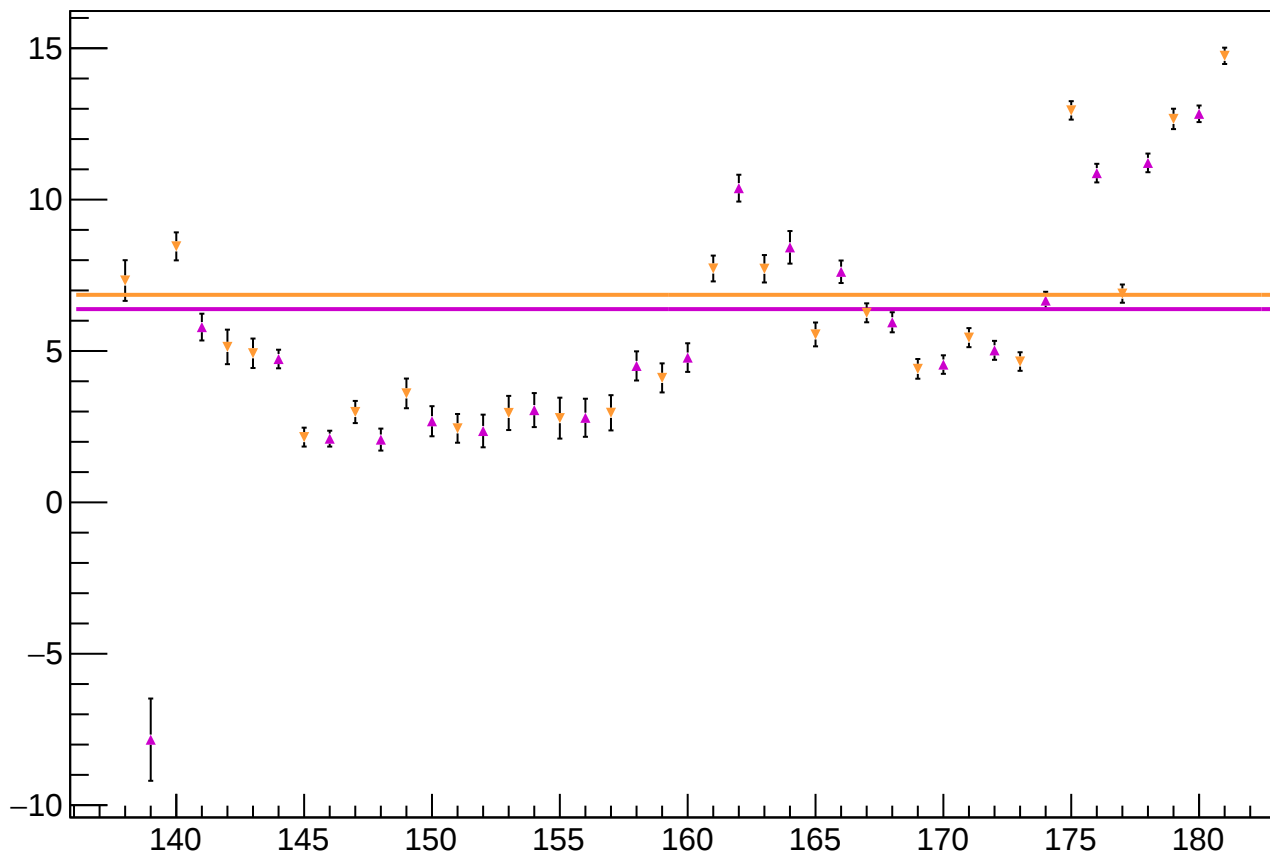
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.030+/-0.099 χ^2/NDF :5252.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.768+/-0.102 χ^2/NDF :3994.6/20

Left: -12.415+/-0.071 χ^2/NDF : 9325.5/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.768+/-0.102 χ^2/NDF :3994.6/20
 Out: -13.030+/-0.099 χ^2/NDF :5252.1/22
 All: -12.415+/-0.071 χ^2/NDF : 9325.5/43

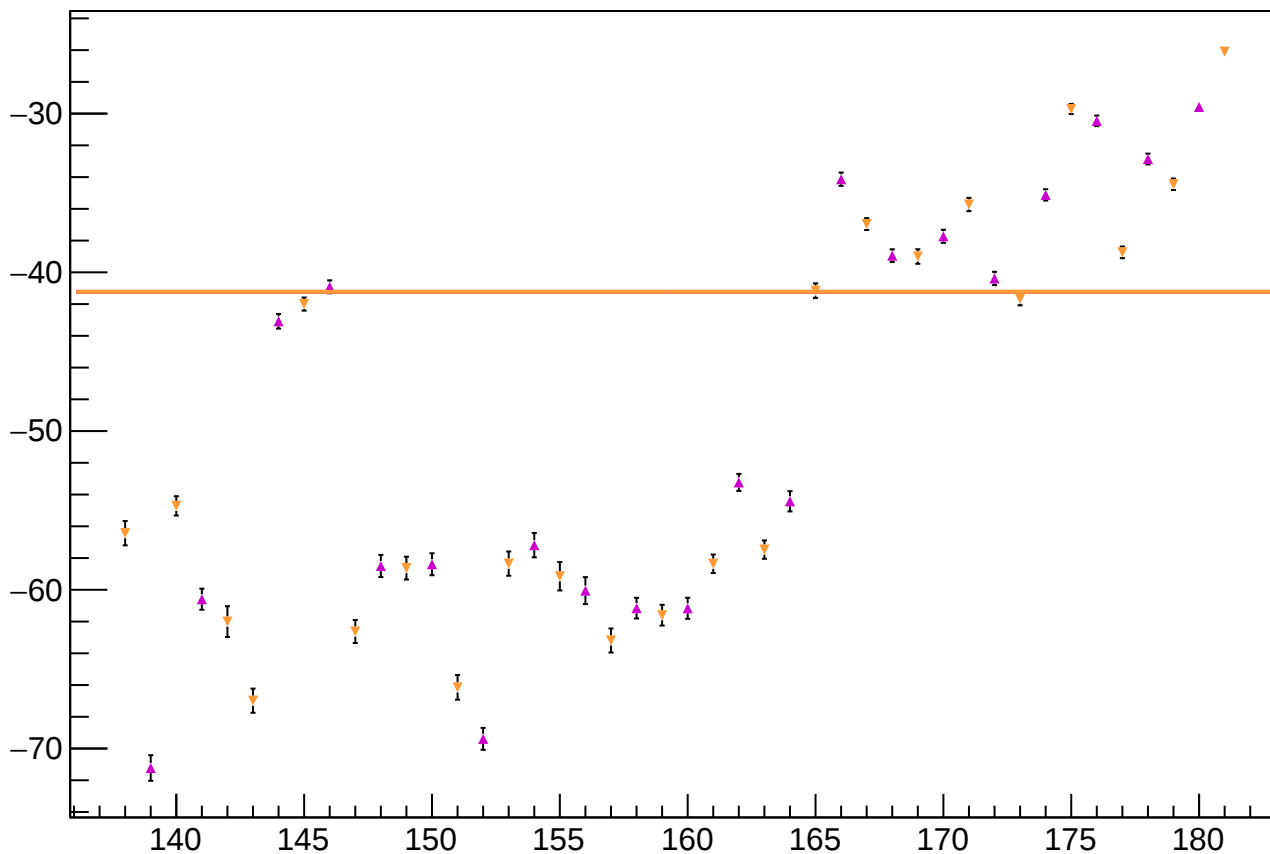
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.383+/-0.081 χ^2/NDF :1933.3/20

Left: 6.621+/-0.057 χ^2/NDF : 4324.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.383+/-0.081 χ^2/NDF :1933.3/20
 Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 All: 6.621+/-0.057 χ^2/NDF : 4324.7/43

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: -41.226+/-0.100 χ^2/NDF :14918.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Left: -41.229+/-0.071 χ^2/NDF : 27829.4/43

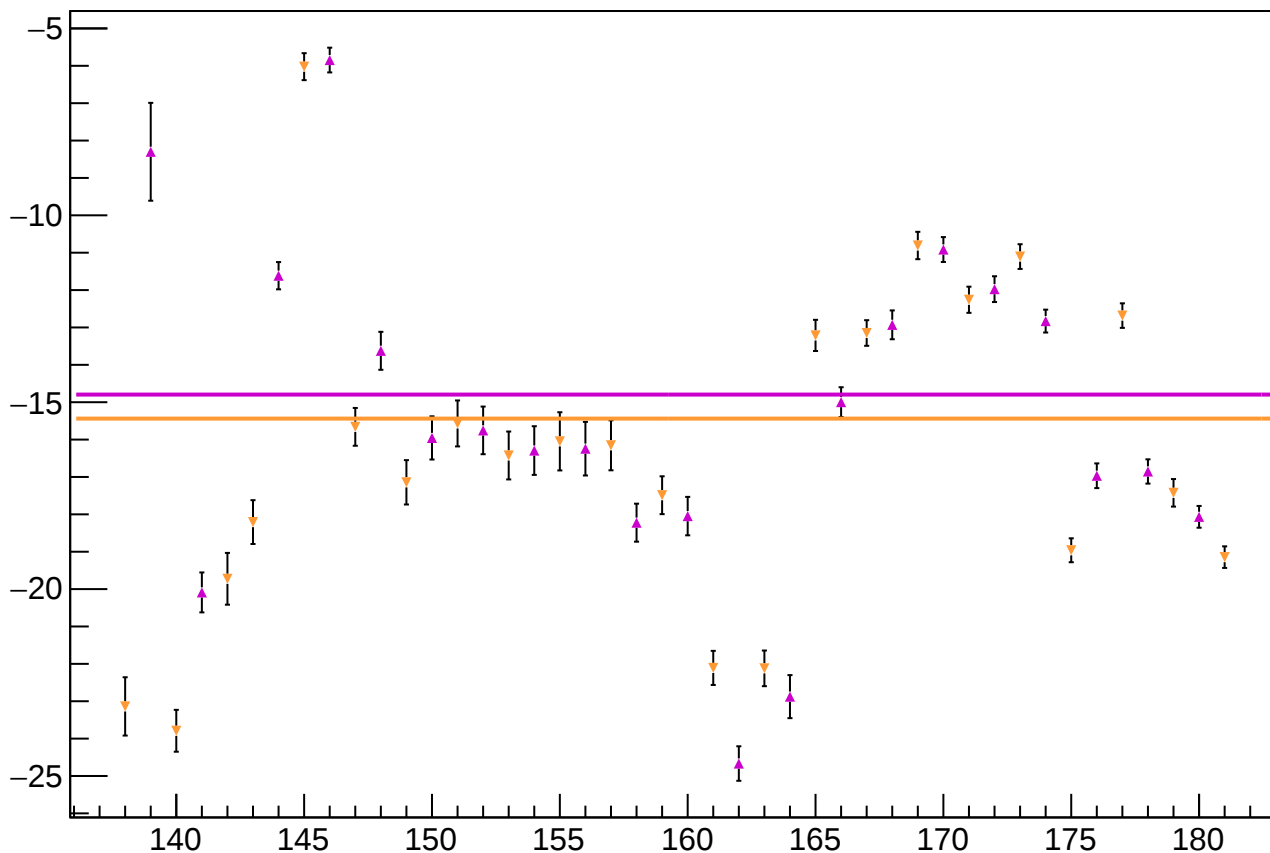
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Out: -41.226+/-0.100 χ^2/NDF :14918.7/22

All: -41.229+/-0.071 χ^2/NDF : 27829.4/43

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -15.438 ± 0.090 $\chi^2/\text{NDF}: 2374.1/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.796 ± 0.091 $\chi^2/\text{NDF}: 2166.8/20$

Left: -15.120 ± 0.064 $\chi^2/\text{NDF}: 4566.1/43$

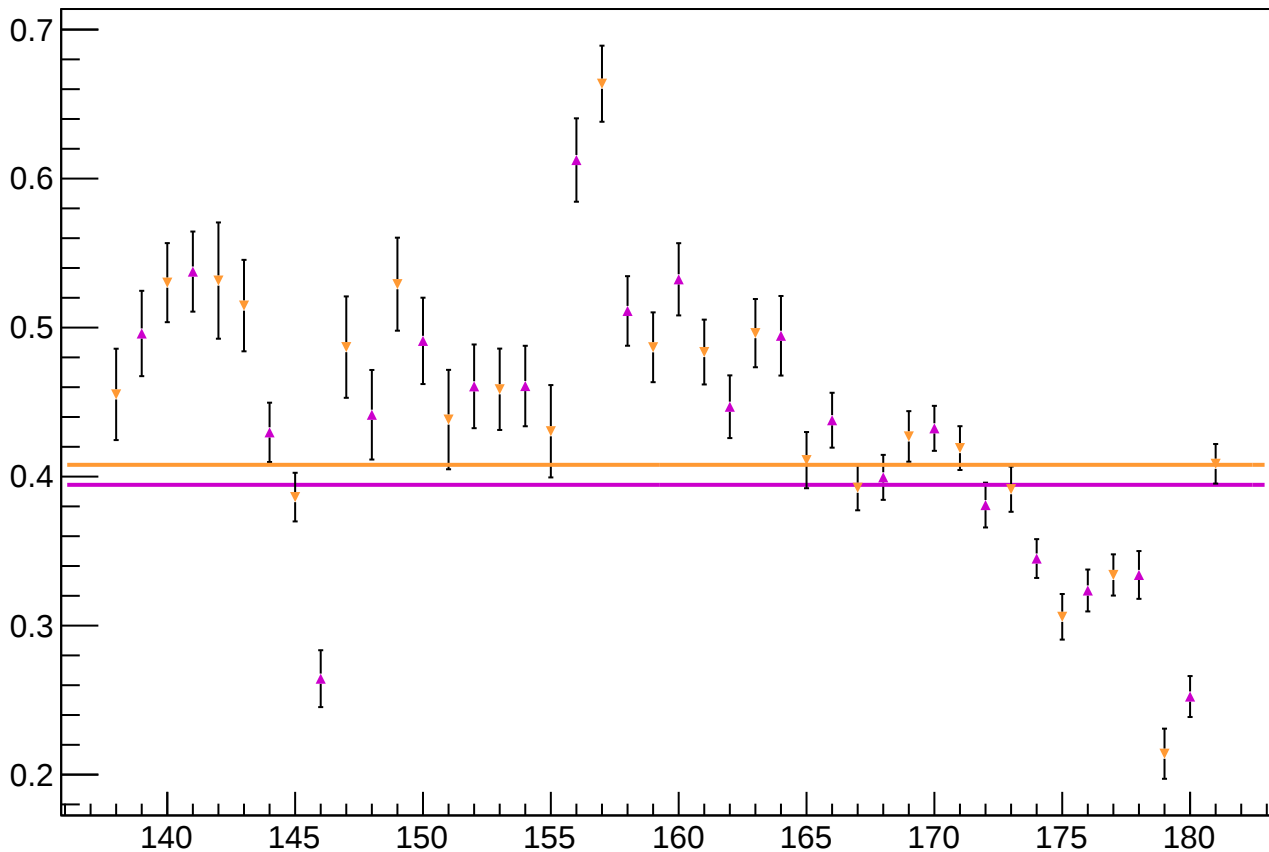
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.796 ± 0.091 $\chi^2/\text{NDF}: 2166.8/20$

Out: -15.438 ± 0.090 $\chi^2/\text{NDF}: 2374.1/22$

All: -15.120 ± 0.064 $\chi^2/\text{NDF}: 4566.1/43$

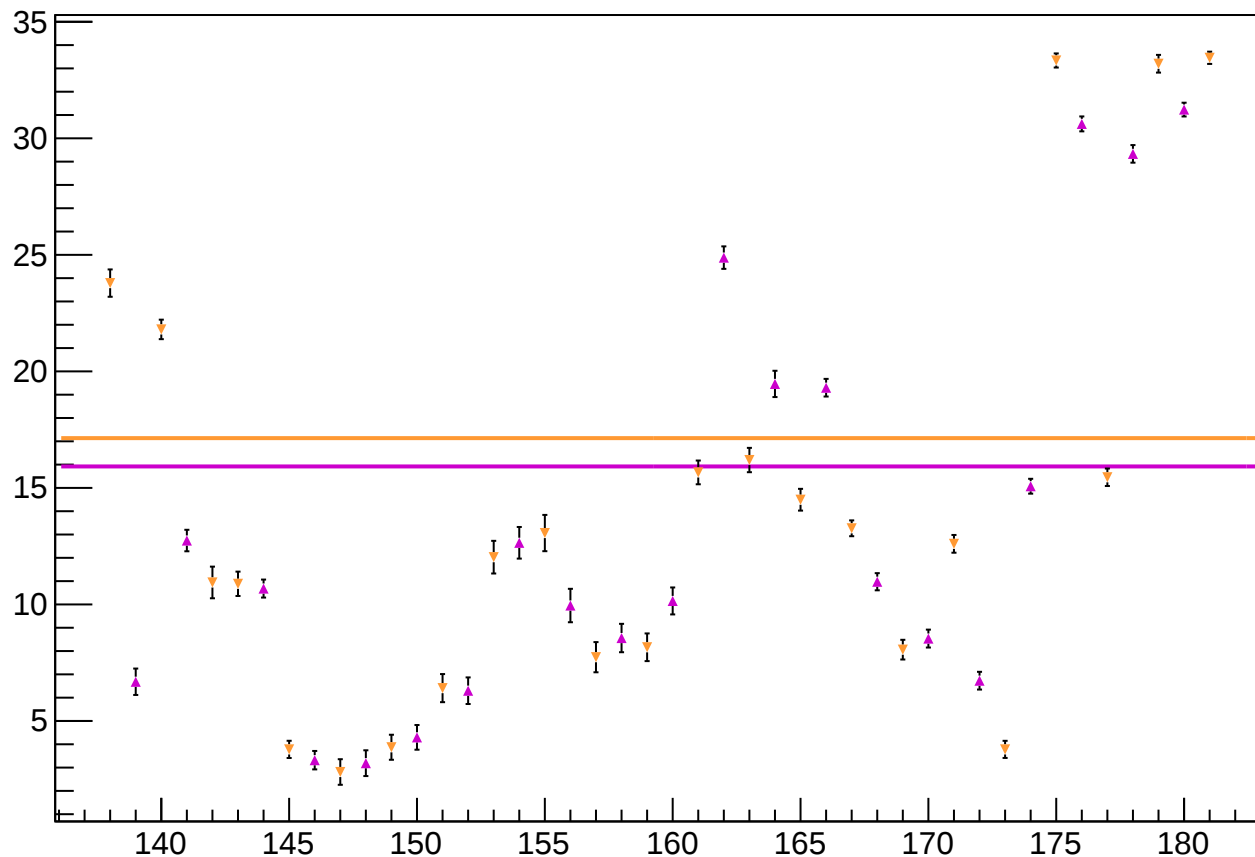
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.408+/-0.004 χ^2/NDF : 421.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.394+/-0.004 χ^2/NDF : 427.7/20

Left: 0.401+/-0.003 χ^2/NDF : 854.1/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.394+/-0.004 χ^2/NDF : 427.7/20
 Out: 0.408+/-0.004 χ^2/NDF : 421.2/22
 All: 0.401+/-0.003 χ^2/NDF : 854.1/43

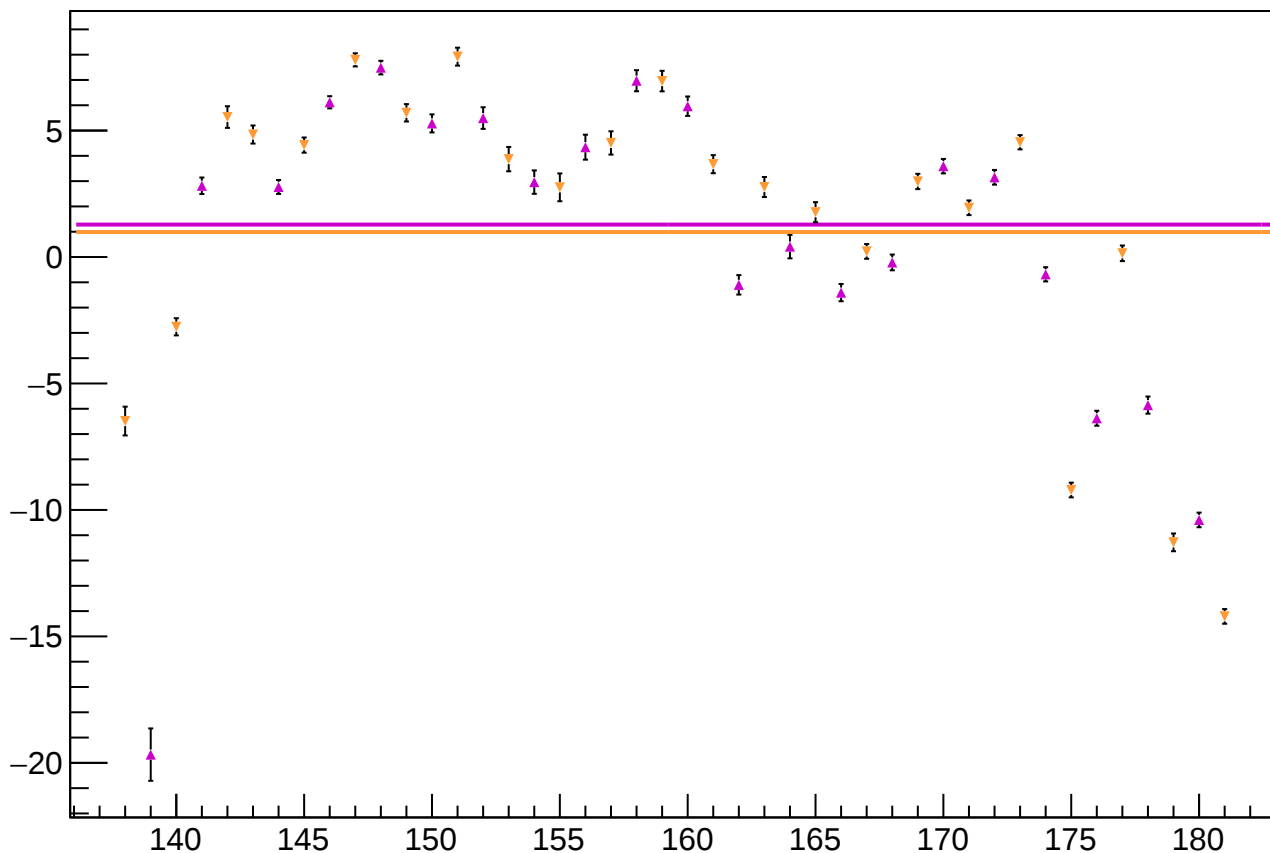
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.136 $\pm$ 0.091 χ^2 /NDF:14531.2/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 15.921 $\pm$ 0.094 χ^2 /NDF:10808.3/20

Left: 16.544 $\pm$ 0.065 χ^2 /NDF: 25426.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 15.921 $\pm$ 0.094 χ^2 /NDF:10808.3/20
 Out: 17.136 $\pm$ 0.091 χ^2 /NDF:14531.2/22
 All: 16.544 $\pm$ 0.065 χ^2 /NDF: 25426.0/43

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.988+/-0.071 χ^2/NDF : 7735.4/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.282+/-0.073 χ^2/NDF : 5028.9/20

Left: 1.132+/-0.051 χ^2/NDF : 12772.7/43

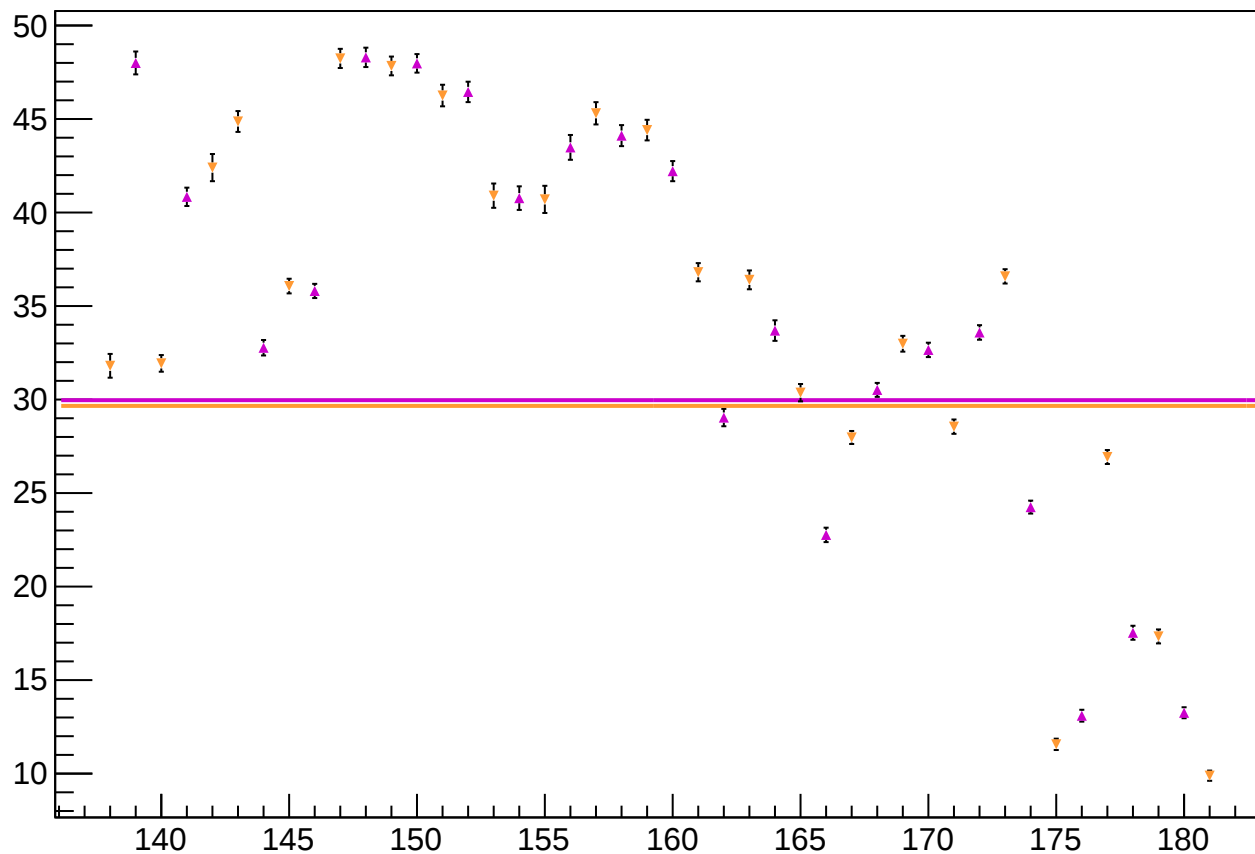
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.282+/-0.073 χ^2/NDF : 5028.9/20

Out: 0.988+/-0.071 χ^2/NDF : 7735.4/22

All: 1.132+/-0.051 χ^2/NDF : 12772.7/43

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.661+/-0.092 χ^2/NDF :17489.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.967+/-0.094 χ^2/NDF :14958.9/20

Left: 29.811+/-0.065 χ^2/NDF : 32453.4/43

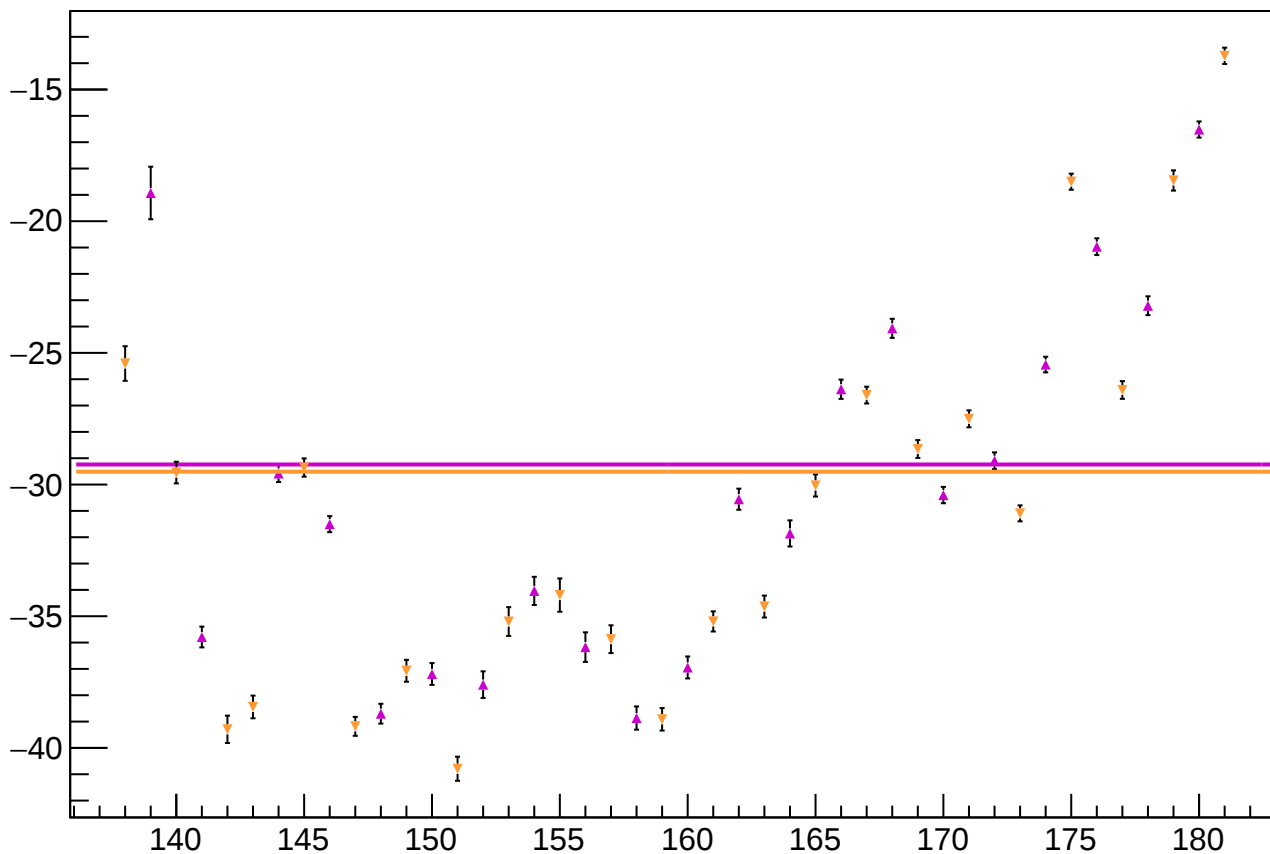
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.967+/-0.094 χ^2/NDF :14958.9/20

Out: 29.661+/-0.092 χ^2/NDF :17489.0/22

All: 29.811+/-0.065 χ^2/NDF : 32453.4/43

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: -29.511+/-0.081 χ^2/NDF :8617.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.238+/-0.082 χ^2/NDF :5917.6/20

Left: -29.377+/-0.058 χ^2/NDF : 14540.4/43

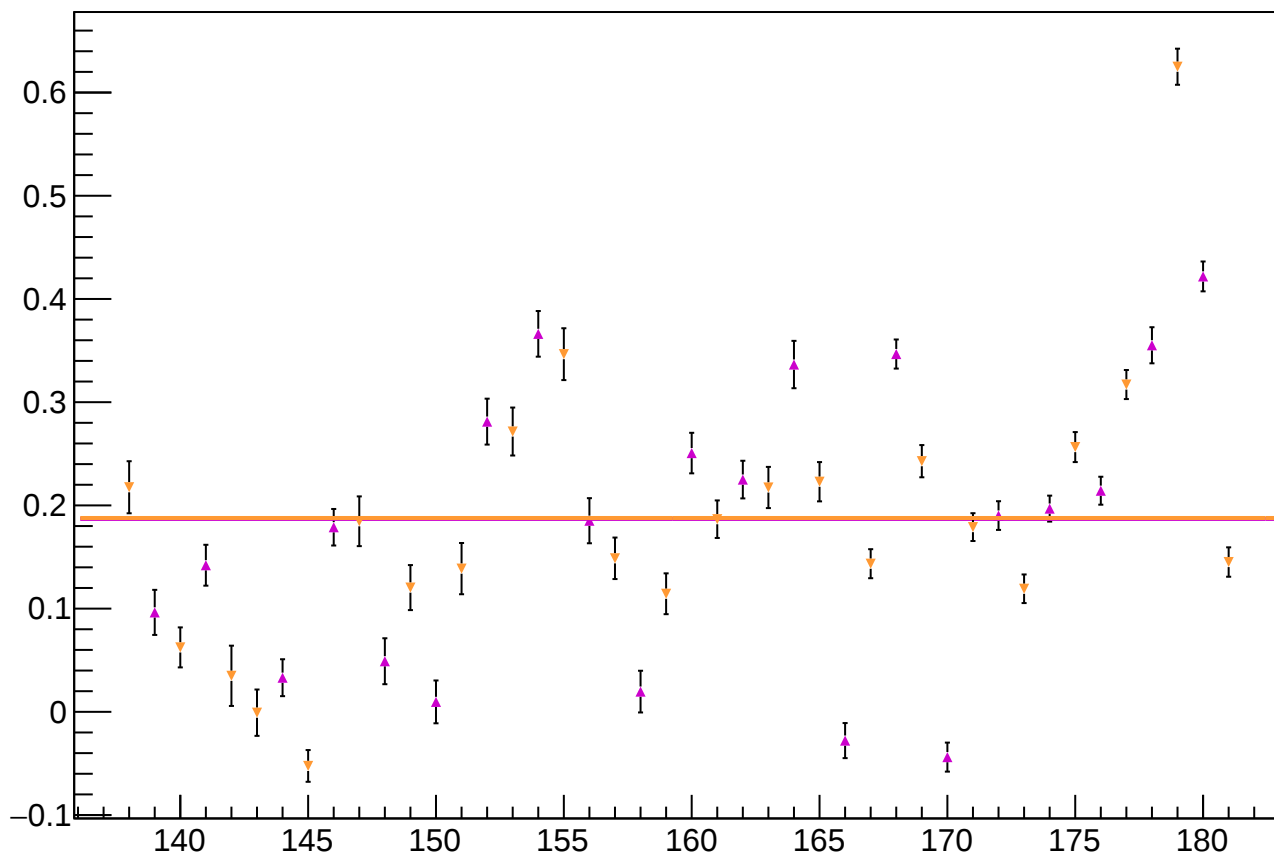
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.238+/-0.082 χ^2/NDF :5917.6/20

Out: -29.511+/-0.081 χ^2/NDF :8617.1/22

All: -29.377+/-0.058 χ^2/NDF : 14540.4/43

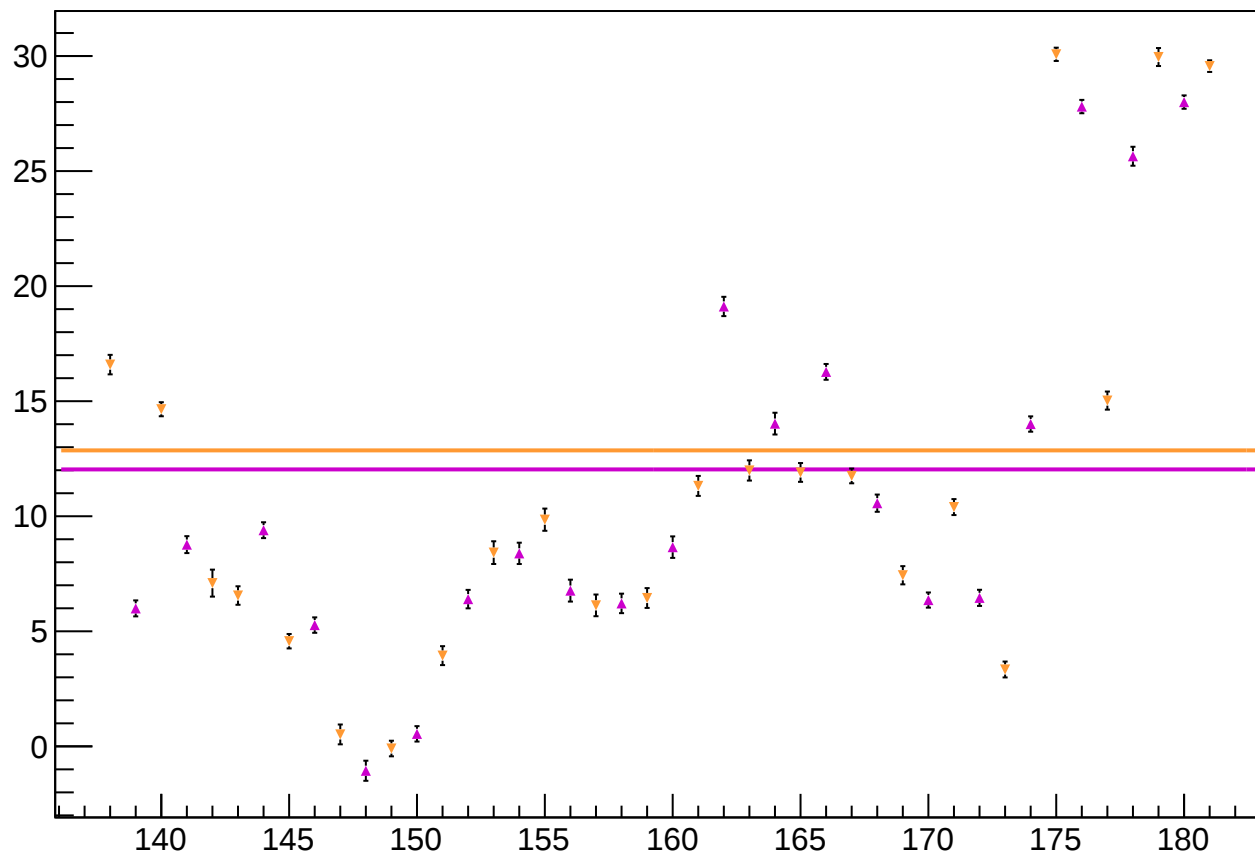
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.188 $\pm$ 0.004 χ^2 /NDF:1262.2/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.187 $\pm$ 0.004 χ^2 /NDF:1336.7/20

Left: 0.187 $\pm$ 0.003 χ^2 /NDF: 2599.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.187 $\pm$ 0.004 χ^2 /NDF:1336.7/20
 Out: 0.188 $\pm$ 0.004 χ^2 /NDF:1262.2/22
 All: 0.187 $\pm$ 0.003 χ^2 /NDF: 2599.0/43

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 12.862+/-0.078 χ^2/NDF :15324.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 12.035+/-0.081 χ^2/NDF :11657.5/20

Left: 12.461+/-0.056 χ^2/NDF : 27035.9/43

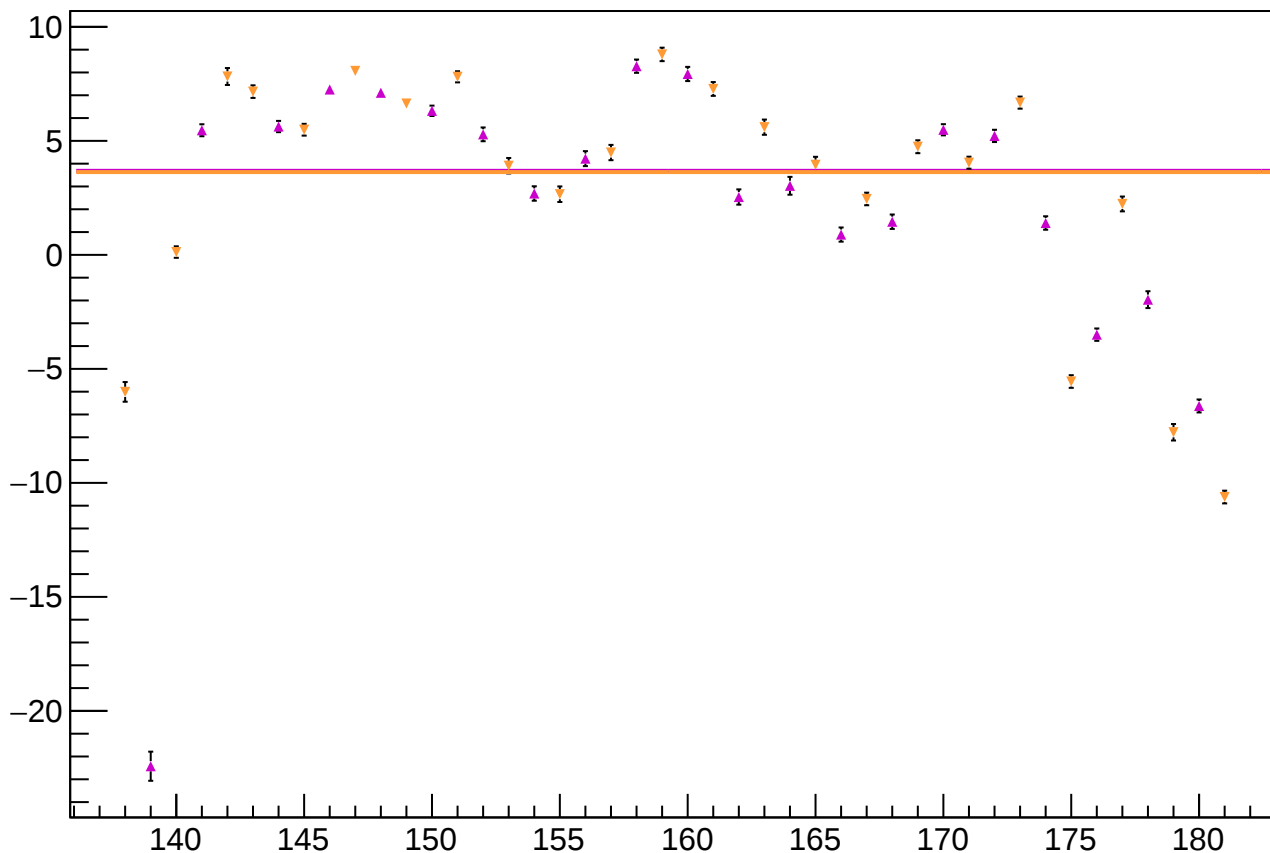
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.035+/-0.081 χ^2/NDF :11657.5/20

Out: 12.862+/-0.078 χ^2/NDF :15324.1/22

All: 12.461+/-0.056 χ^2/NDF : 27035.9/43

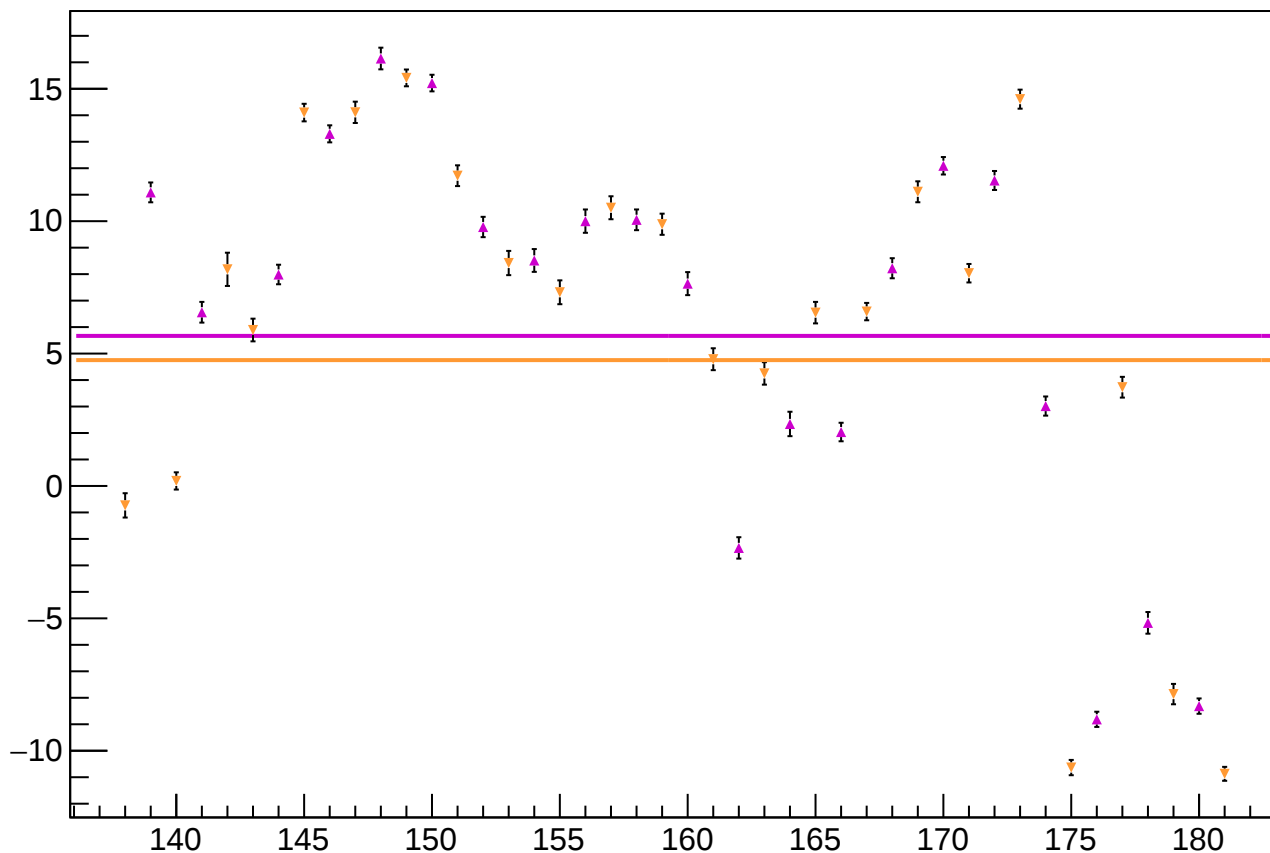
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.632+/-0.060 χ^2/NDF : 7351.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.685+/-0.062 χ^2/NDF : 5457.0/20

Left: 3.657+/-0.043 χ^2/NDF : 12808.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.685+/-0.062 χ^2/NDF : 5457.0/20
 Out: 3.632+/-0.060 χ^2/NDF : 7351.3/22
 All: 3.657+/-0.043 χ^2/NDF : 12808.7/43

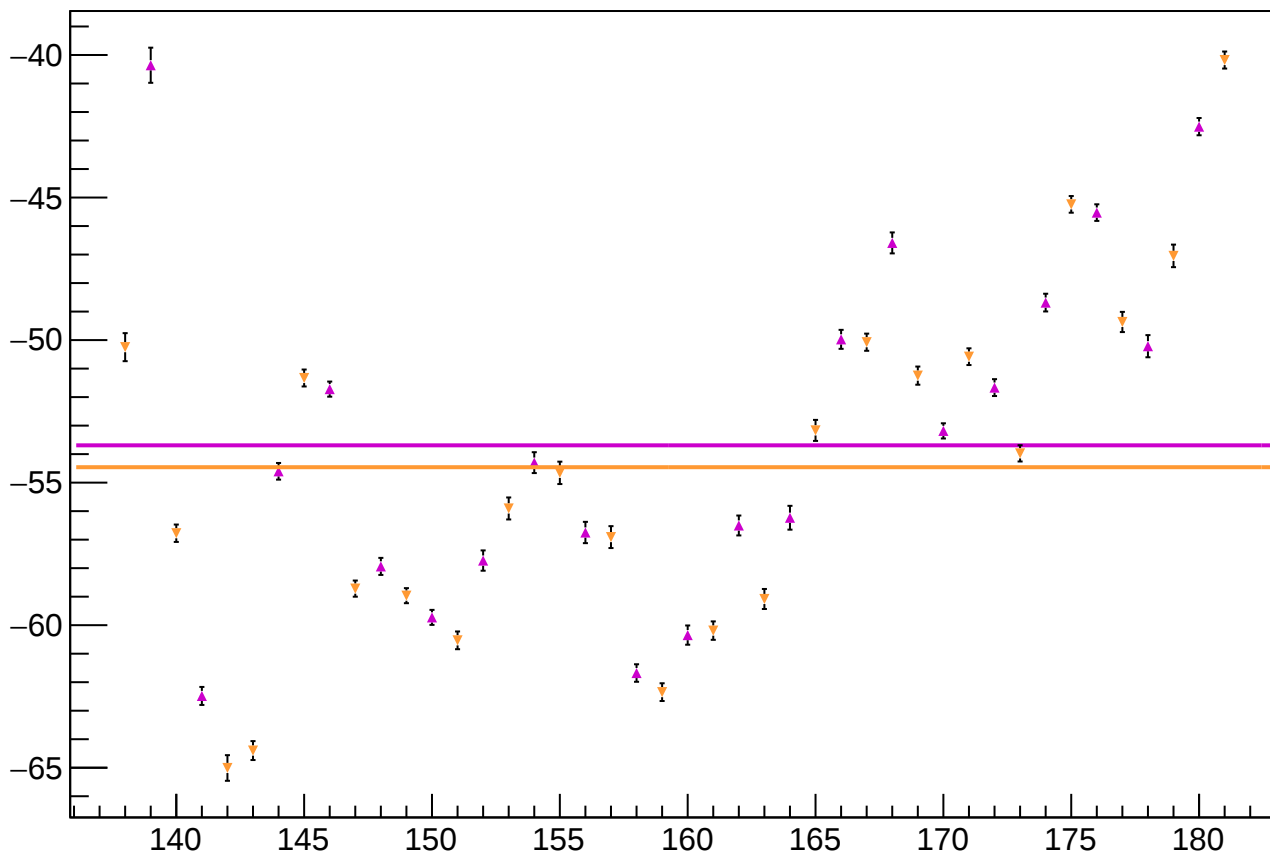
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.753 $\pm$ 0.078 χ^2 /NDF:12188.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.668 $\pm$ 0.080 χ^2 /NDF:9675.8/20

Left: 5.200 $\pm$ 0.056 χ^2 /NDF: 21931.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.668 $\pm$ 0.080 χ^2 /NDF:9675.8/20
 Out: 4.753 $\pm$ 0.078 χ^2 /NDF:12188.1/22
 All: 5.200 $\pm$ 0.056 χ^2 /NDF: 21931.0/43

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: -54.459+/-0.068 χ^2/NDF :8115.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.692+/-0.070 χ^2/NDF :6434.6/20

Left: -54.087+/-0.049 χ^2/NDF : 14611.0/43

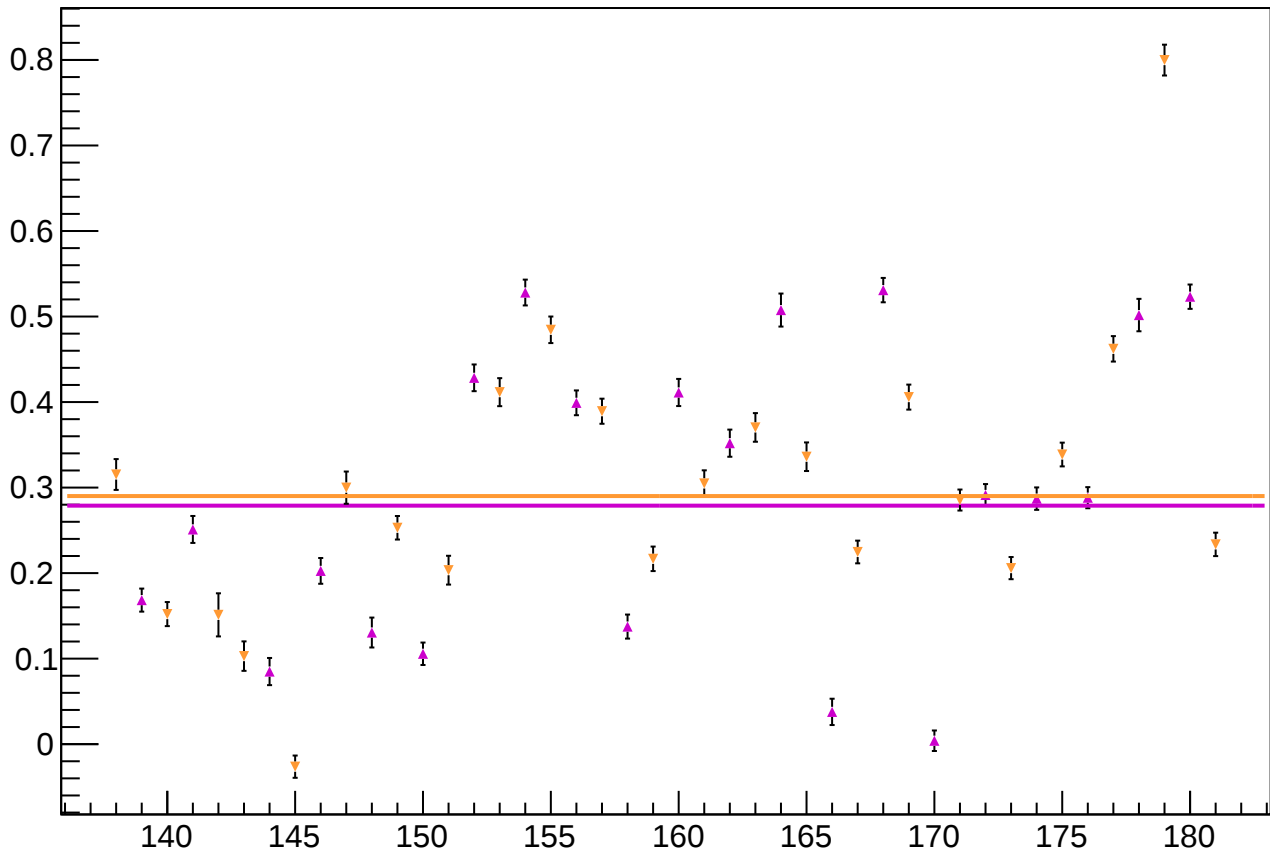
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.692+/-0.070 χ^2/NDF :6434.6/20

Out: -54.459+/-0.068 χ^2/NDF :8115.2/22

All: -54.087+/-0.049 χ^2/NDF : 14611.0/43

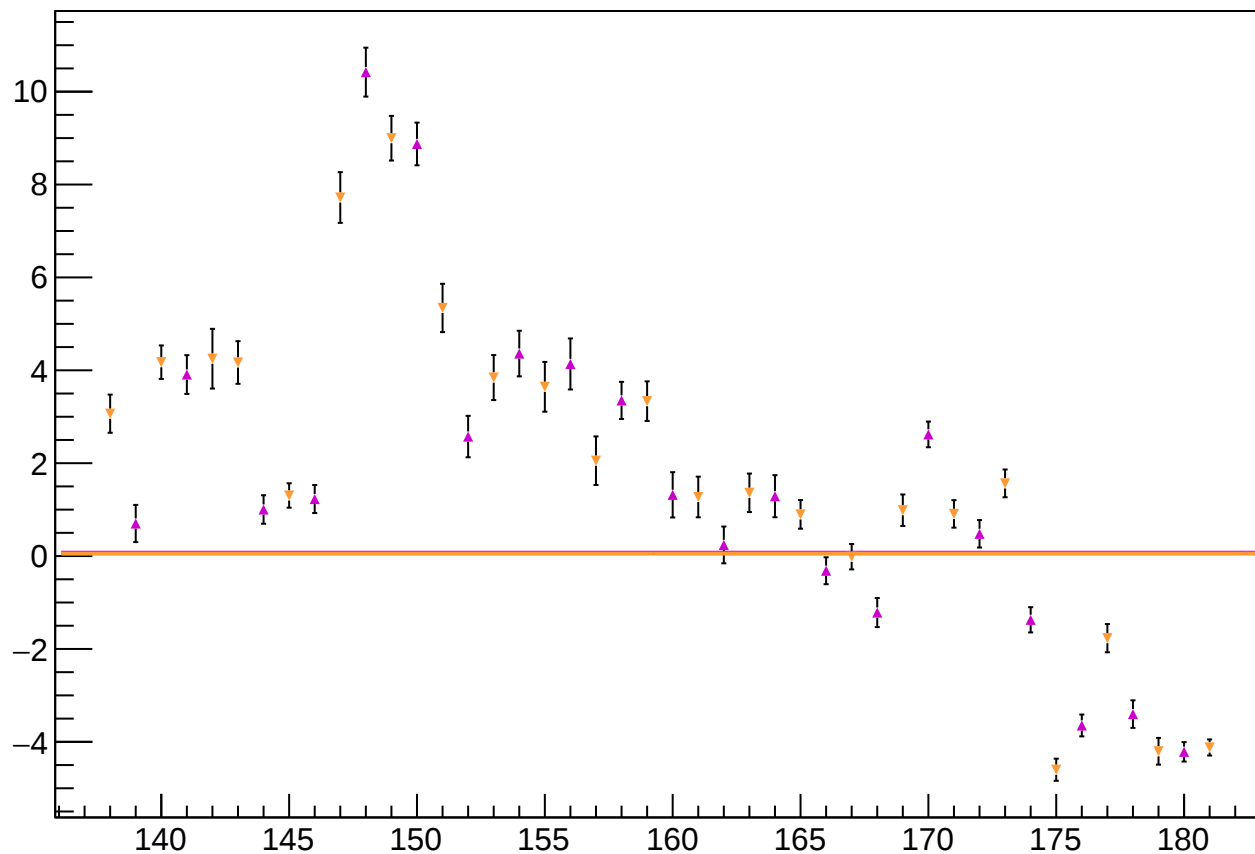
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.279 $\pm$ 0.003 χ^2 /NDF:2775.7/20

Left: 0.285 $\pm$ 0.002 χ^2 /NDF: 5061.3/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.279 $\pm$ 0.003 χ^2 /NDF:2775.7/20
 Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 All: 0.285 $\pm$ 0.002 χ^2 /NDF: 5061.3/43

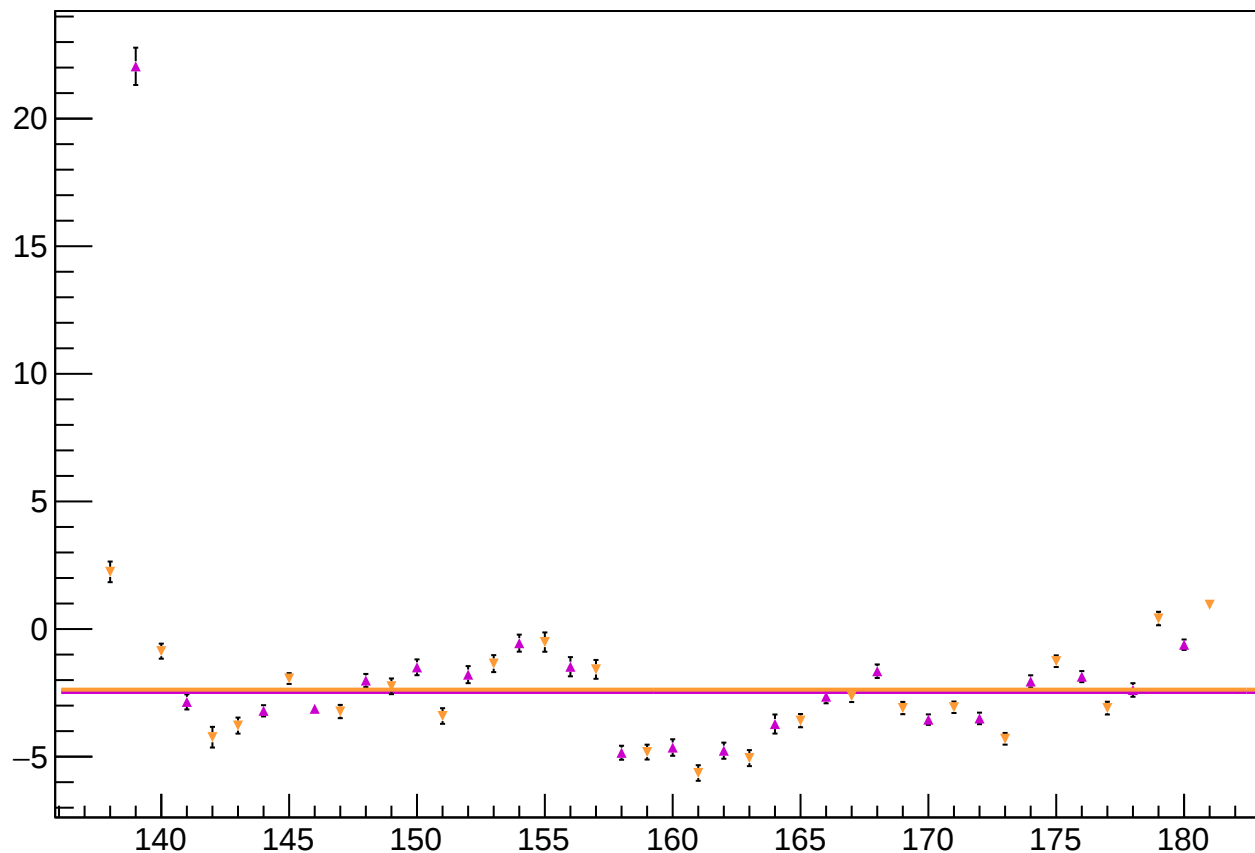
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.053+/-0.070 χ^2/NDF :2439.4/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.072+/-0.073 χ^2/NDF :2048.2/20

Left: 0.062+/-0.051 χ^2/NDF : 4487.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.072+/-0.073 χ^2/NDF :2048.2/20
 Out: 0.053+/-0.070 χ^2/NDF :2439.4/22
 All: 0.062+/-0.051 χ^2/NDF : 4487.7/43

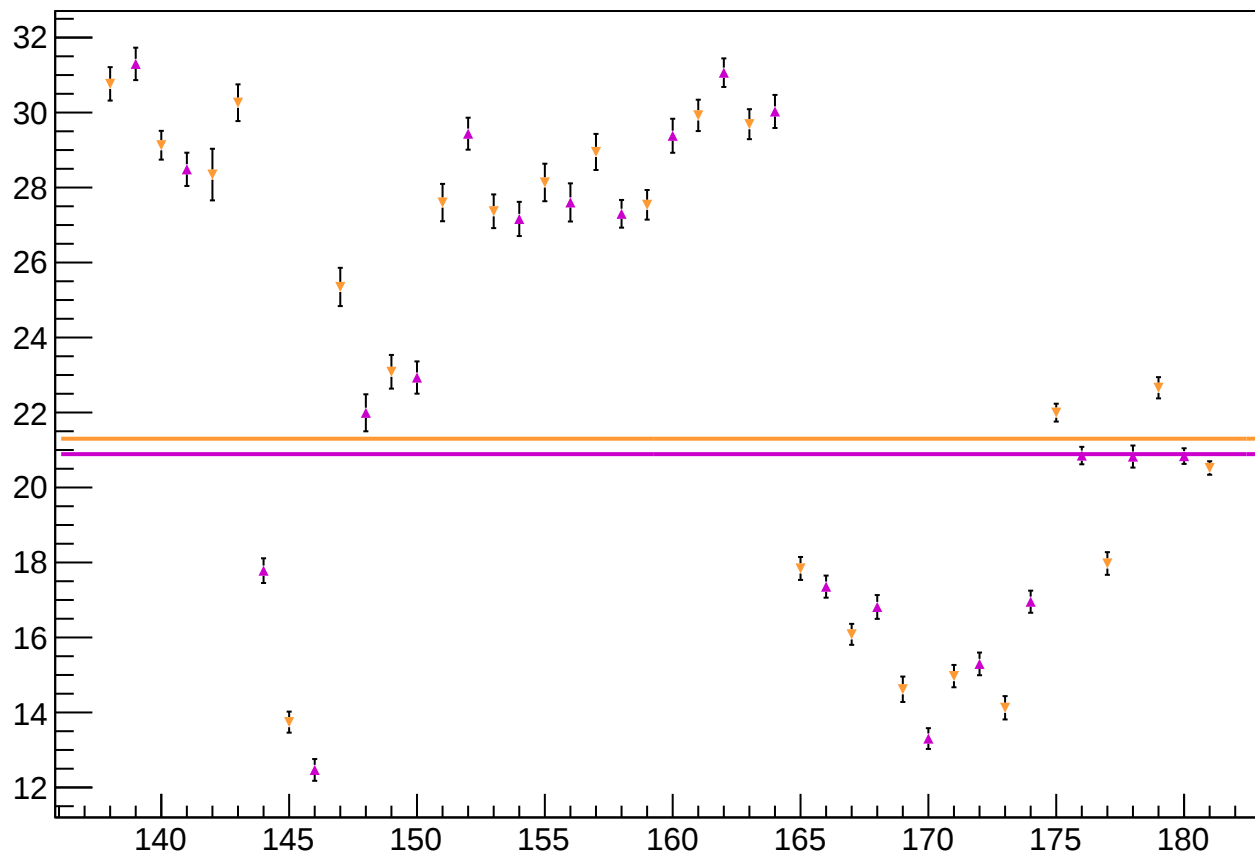
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.374+/-0.056 χ^2/NDF :1079.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.466+/-0.058 χ^2/NDF :1542.3/20

Left: -2.419+/-0.040 χ^2/NDF : 2622.6/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.466+/-0.058 χ^2/NDF :1542.3/20
 Out: -2.374+/-0.056 χ^2/NDF :1079.0/22
 All: -2.419+/-0.040 χ^2/NDF : 2622.6/43

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.301 $\pm$ 0.071 χ^2 /NDF:6027.8/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.890 $\pm$ 0.073 χ^2 /NDF:5969.6/20

Left: 21.102 $\pm$ 0.051 χ^2 /NDF: 12014.0/43

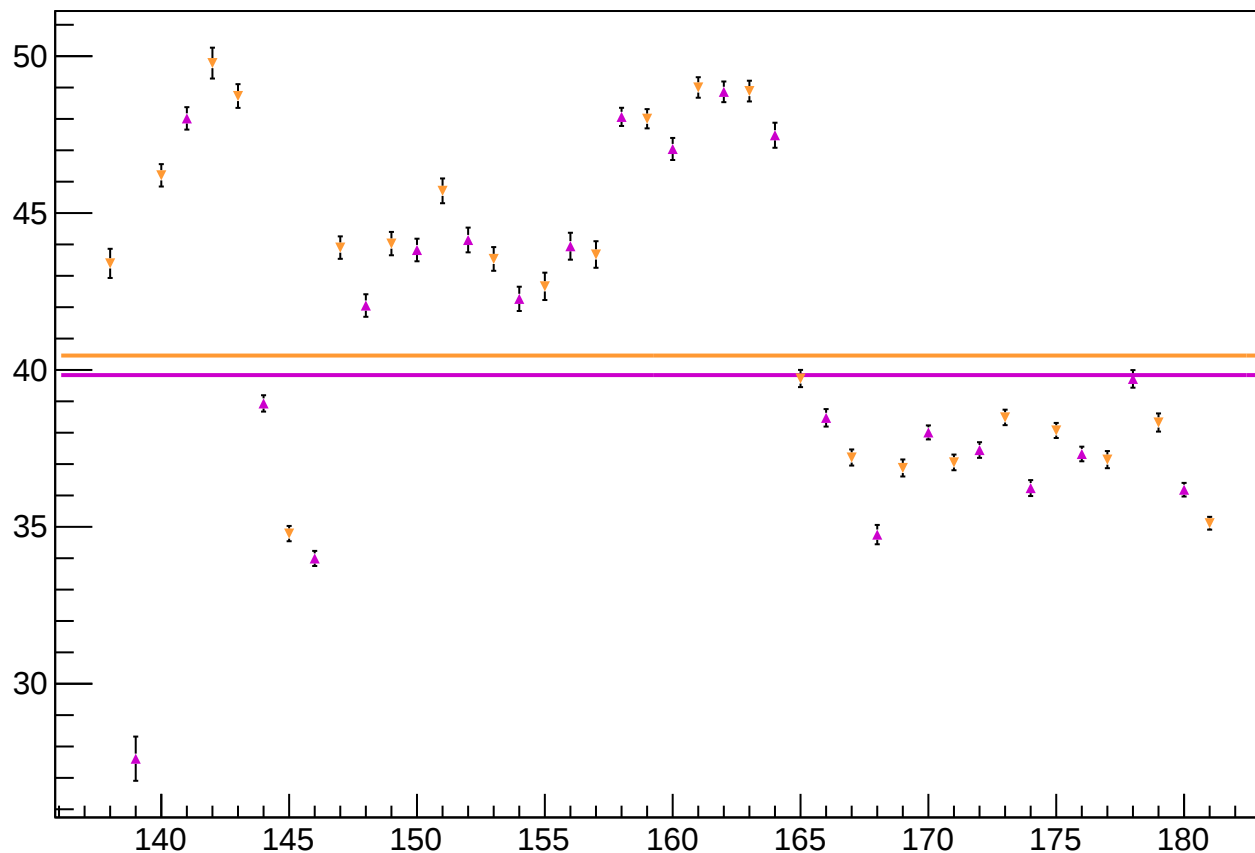
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.890 $\pm$ 0.073 χ^2 /NDF:5969.6/20

Out: 21.301 $\pm$ 0.071 χ^2 /NDF:6027.8/22

All: 21.102 $\pm$ 0.051 χ^2 /NDF: 12014.0/43

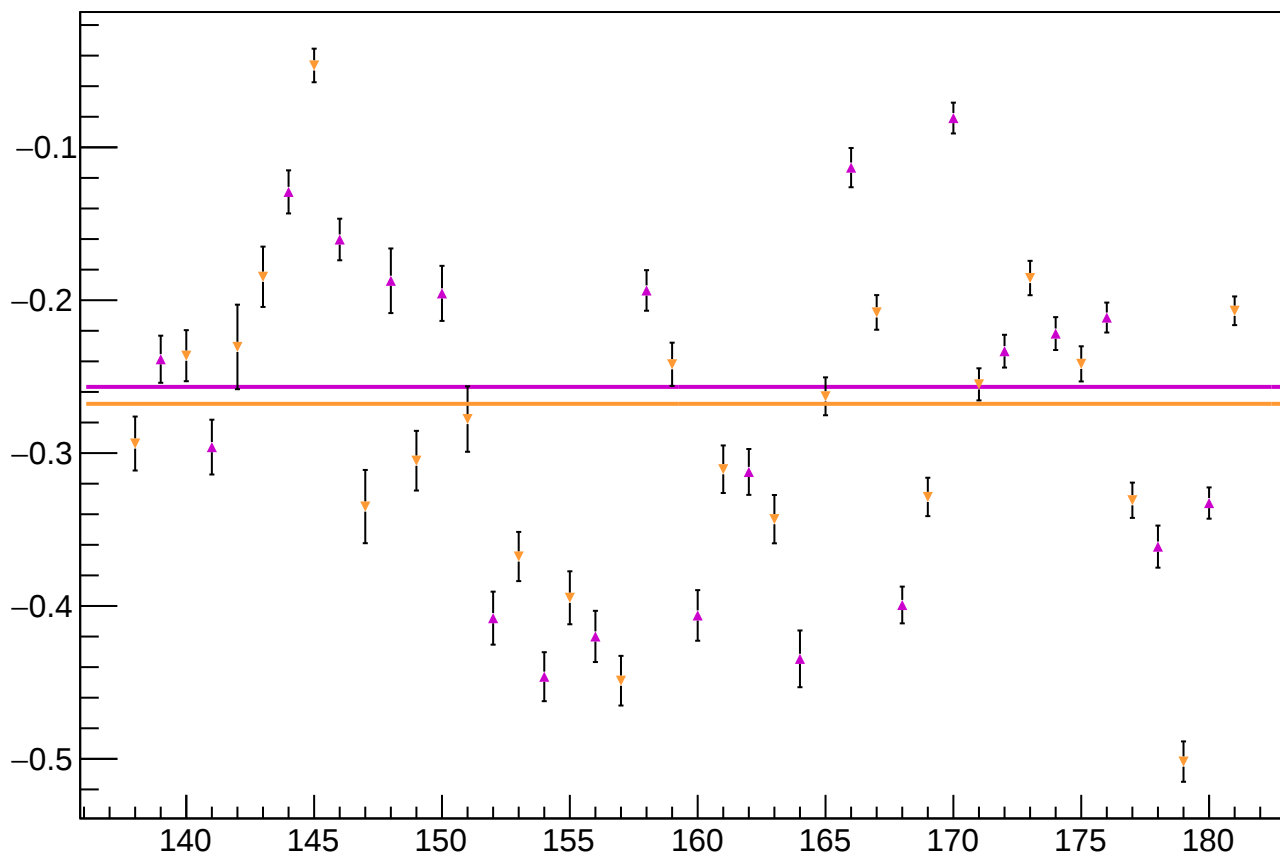
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.459 $\pm$ 0.063 χ^2 /NDF:5704.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.836 $\pm$ 0.065 χ^2 /NDF:5239.2/20

Left: 40.155 $\pm$ 0.045 χ^2 /NDF: 10991.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.836 $\pm$ 0.065 χ^2 /NDF:5239.2/20
 Out: 40.459 $\pm$ 0.063 χ^2 /NDF:5704.4/22
 All: 40.155 $\pm$ 0.045 χ^2 /NDF: 10991.0/43

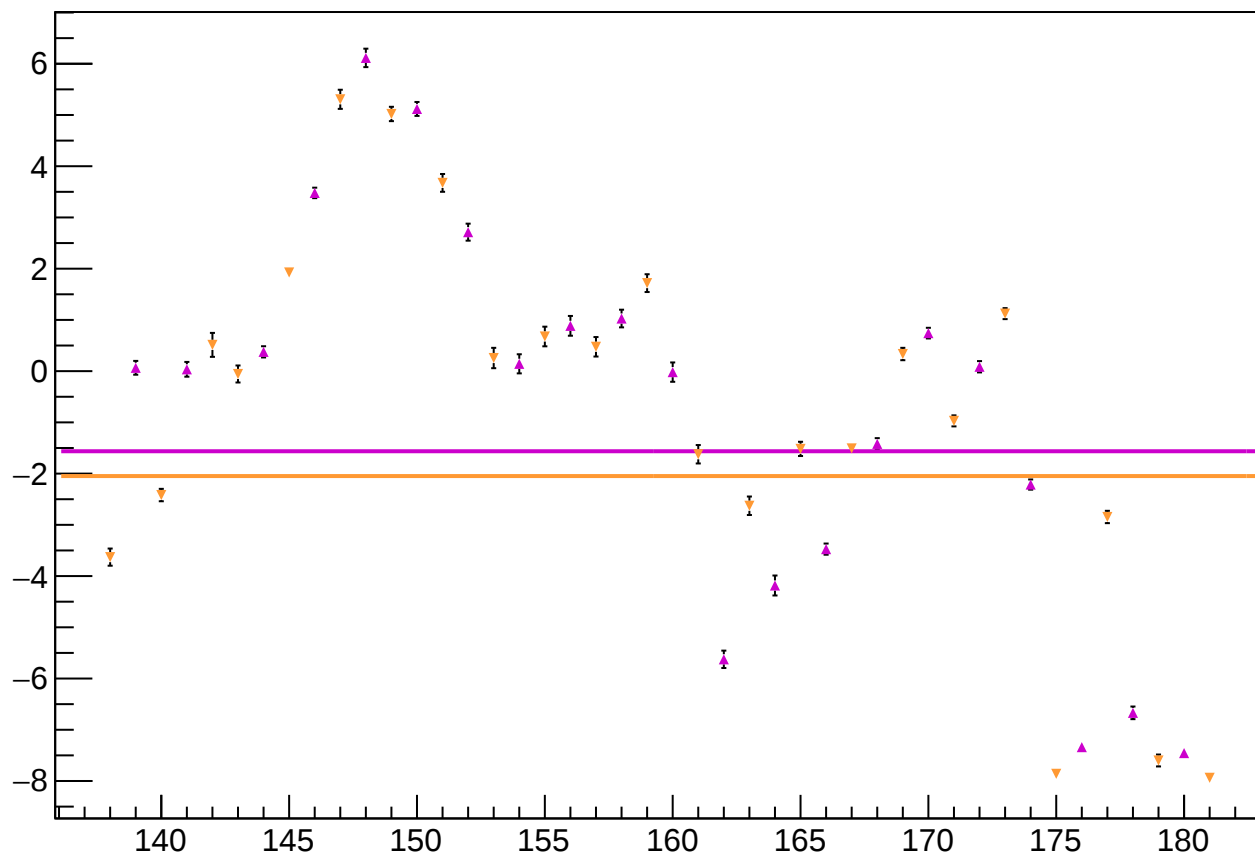
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.268+/-0.003 χ^2/NDF :1190.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.257+/-0.003 χ^2/NDF :1401.5/20

Left: -0.262+/-0.002 χ^2/NDF : 2599.3/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.257+/-0.003 χ^2/NDF :1401.5/20
 Out: -0.268+/-0.003 χ^2/NDF :1190.6/22
 All: -0.262+/-0.002 χ^2/NDF : 2599.3/43

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

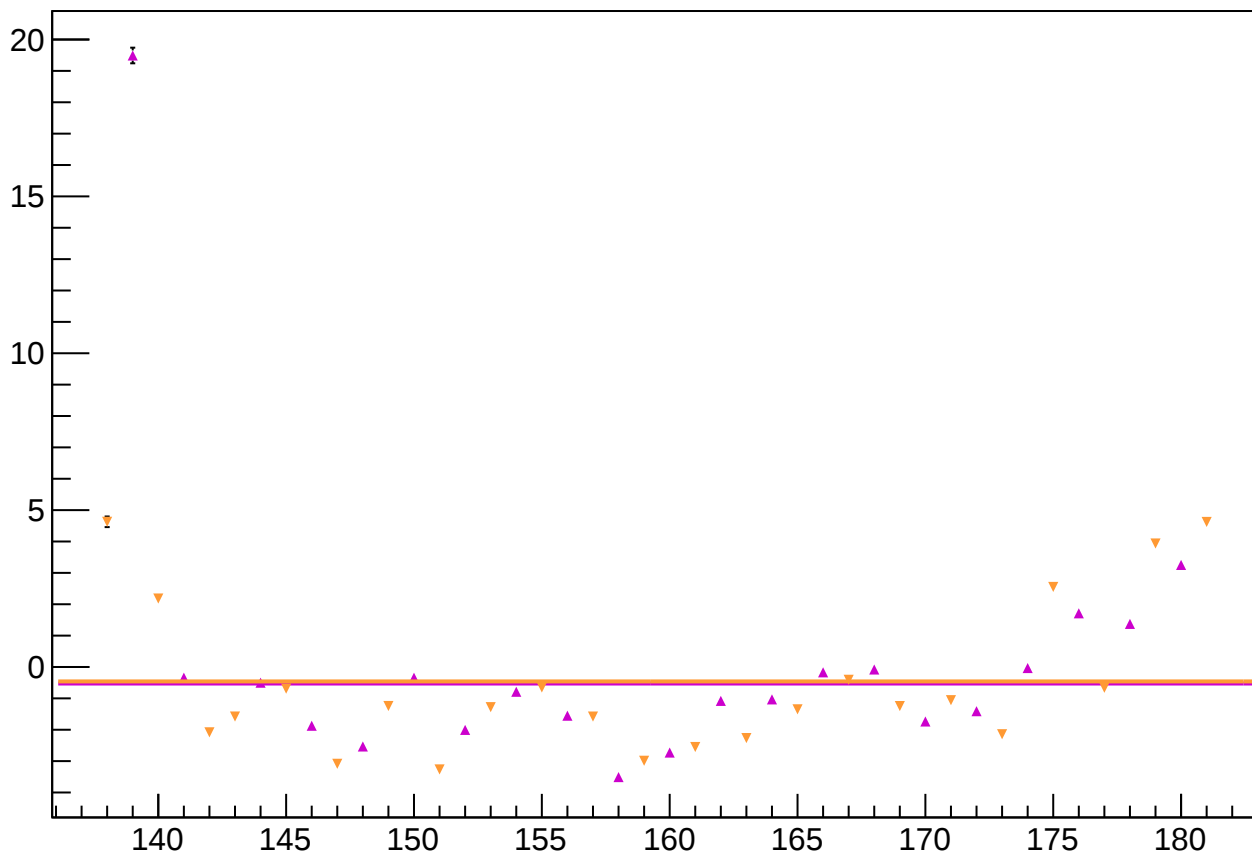


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.048+/-0.027 χ^2/NDF :22136.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.564+/-0.027 χ^2/NDF :20142.0/20

Left: -1.812+/-0.019 χ^2/NDF : 42438.0/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.564+/-0.027 χ^2/NDF :20142.0/20
 Out: -2.048+/-0.027 χ^2/NDF :22136.7/22

All: -1.812+/-0.019 χ^2/NDF : 42438.0/43

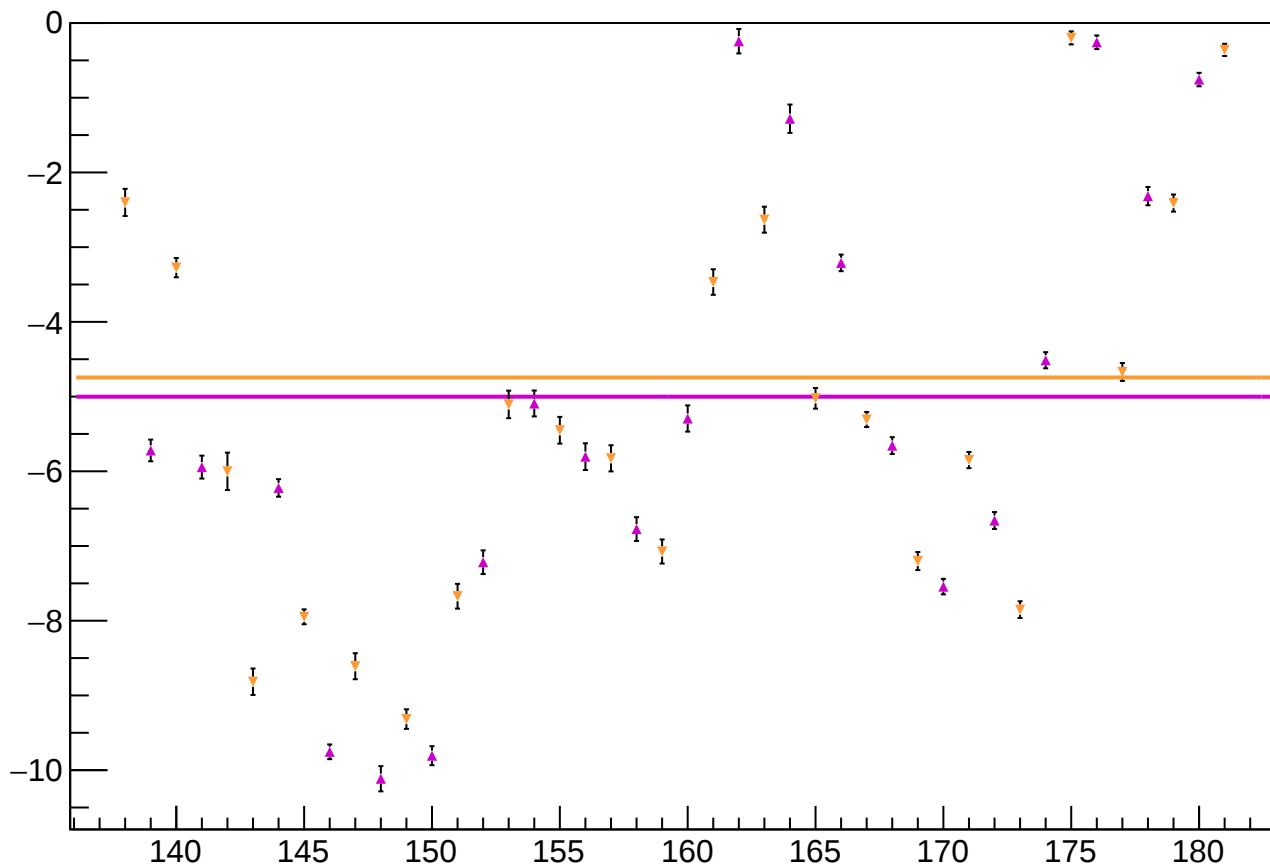
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.460+/-0.021 χ^2/NDF :11561.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.527+/-0.022 χ^2/NDF :11751.3/20

Left: -0.493+/-0.015 χ^2/NDF : 23317.9/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.527+/-0.022 χ^2/NDF :11751.3/20
 Out: -0.460+/-0.021 χ^2/NDF :11561.7/22
 All: -0.493+/-0.015 χ^2/NDF : 23317.9/43

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: -4.745 $\pm$ 0.027 χ^2 /NDF:11719.8/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20

Left: -4.871 $\pm$ 0.019 χ^2 /NDF: 24712.6/43

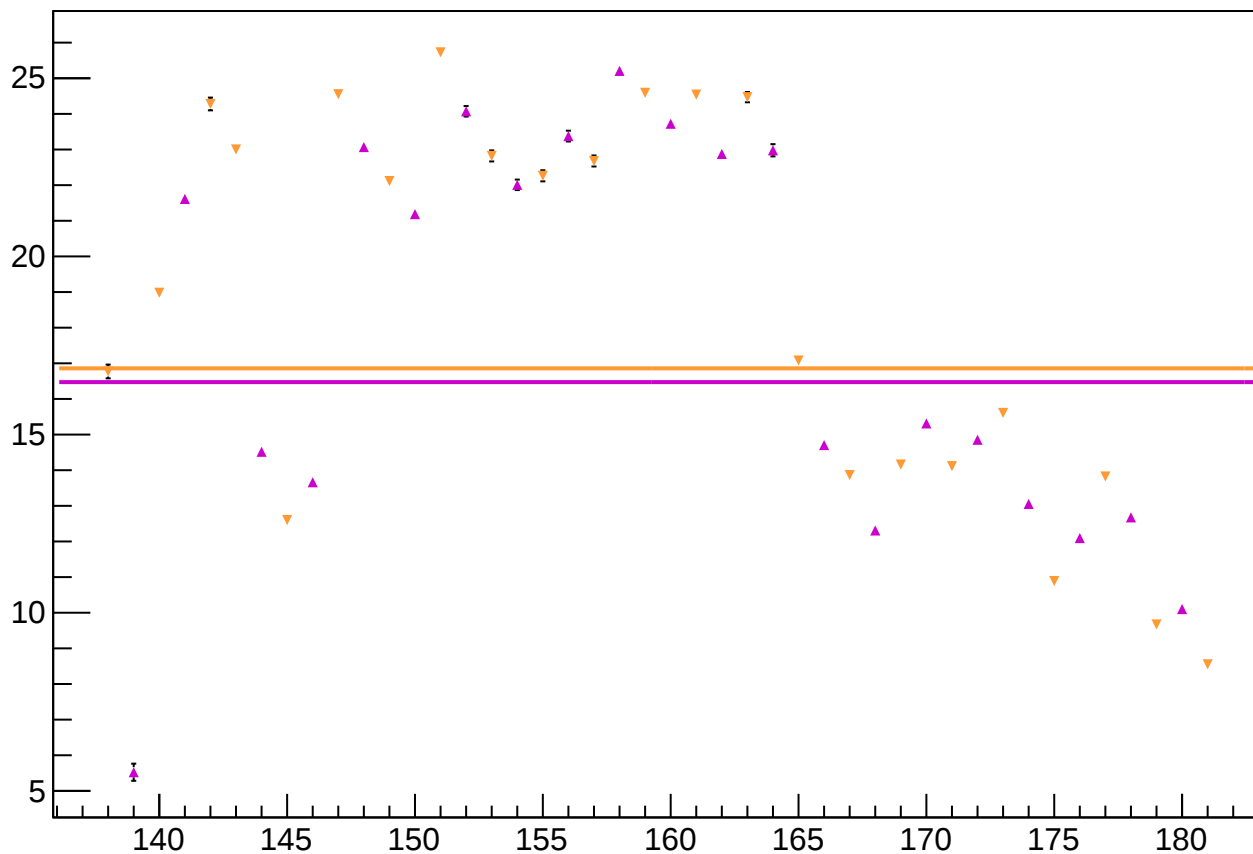
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20

Out: -4.745 $\pm$ 0.027 χ^2 /NDF:11719.8/22

All: -4.871 $\pm$ 0.019 χ^2 /NDF: 24712.6/43

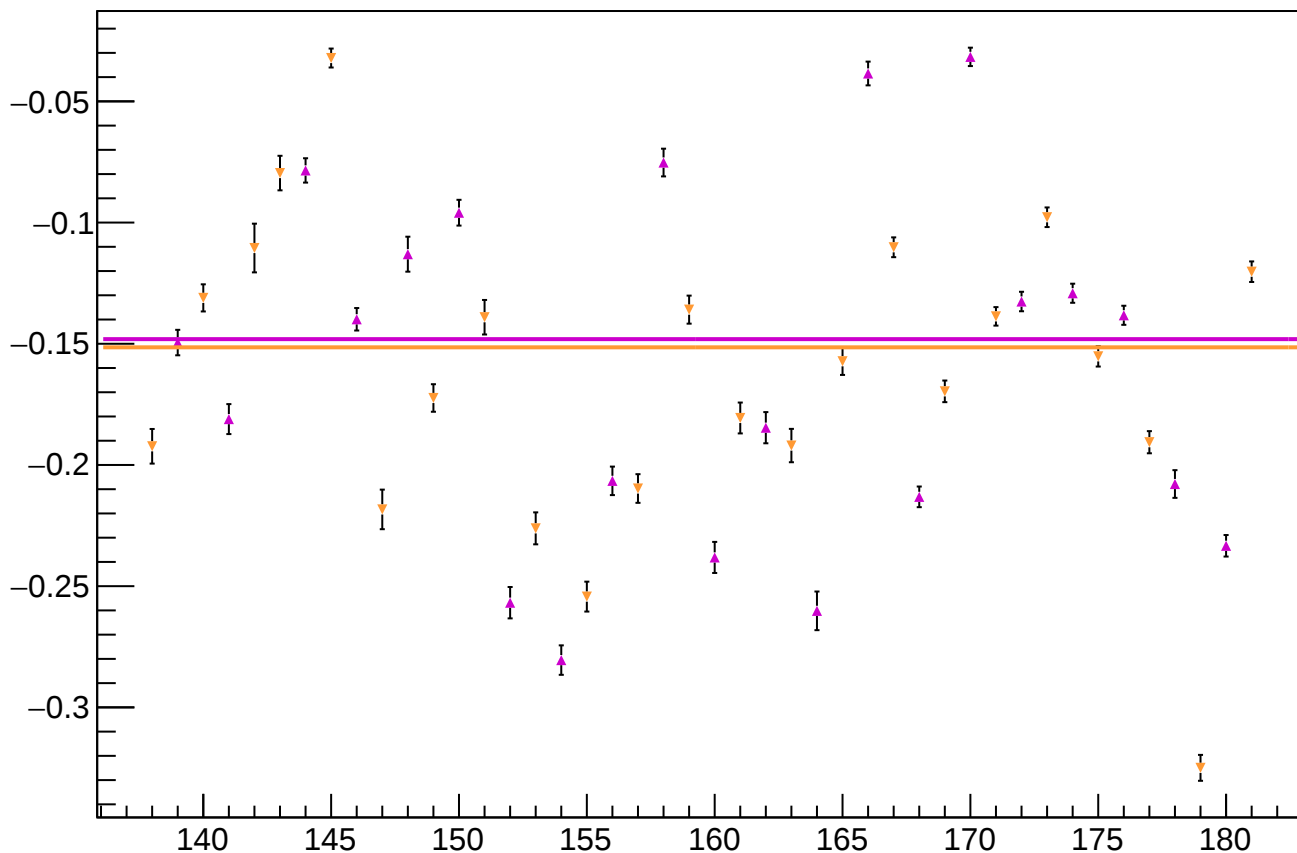
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.858+/-0.024 χ^2/NDF :51286.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.472+/-0.024 χ^2/NDF :38980.3/20

Left: 16.669+/-0.017 χ^2/NDF : 90394.2/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.472+/-0.024 χ^2/NDF :38980.3/20
 Out: 16.858+/-0.024 χ^2/NDF :51286.3/22
 All: 16.669+/-0.017 χ^2/NDF : 90394.2/43

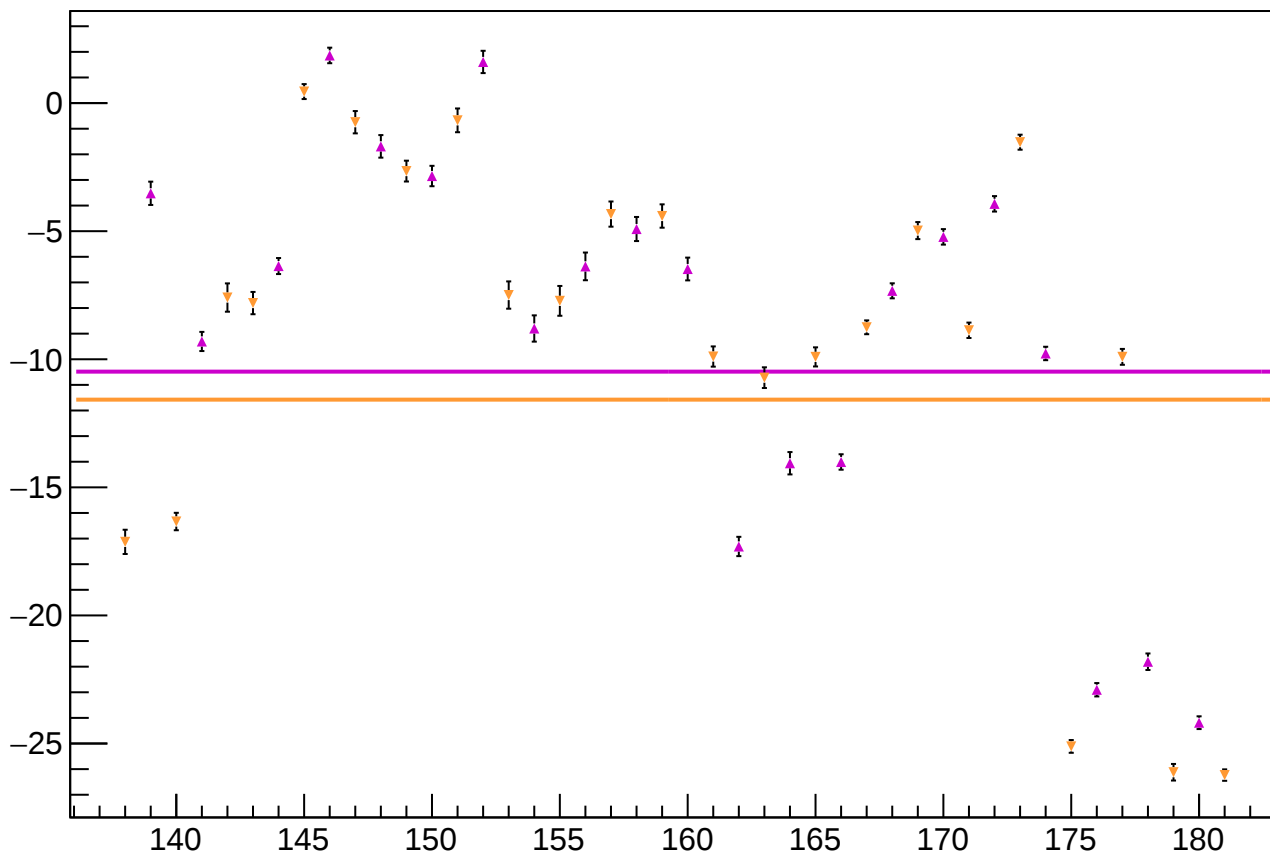
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.151 $\pm$ 0.001 χ^2 /NDF:3235.8/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.148 $\pm$ 0.001 χ^2 /NDF:3986.6/20

Left: -0.150 $\pm$ 0.001 χ^2 /NDF: 7227.1/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.148 $\pm$ 0.001 χ^2 /NDF:3986.6/20
 Out: -0.151 $\pm$ 0.001 χ^2 /NDF:3235.8/22
 All: -0.150 $\pm$ 0.001 χ^2 /NDF: 7227.1/43

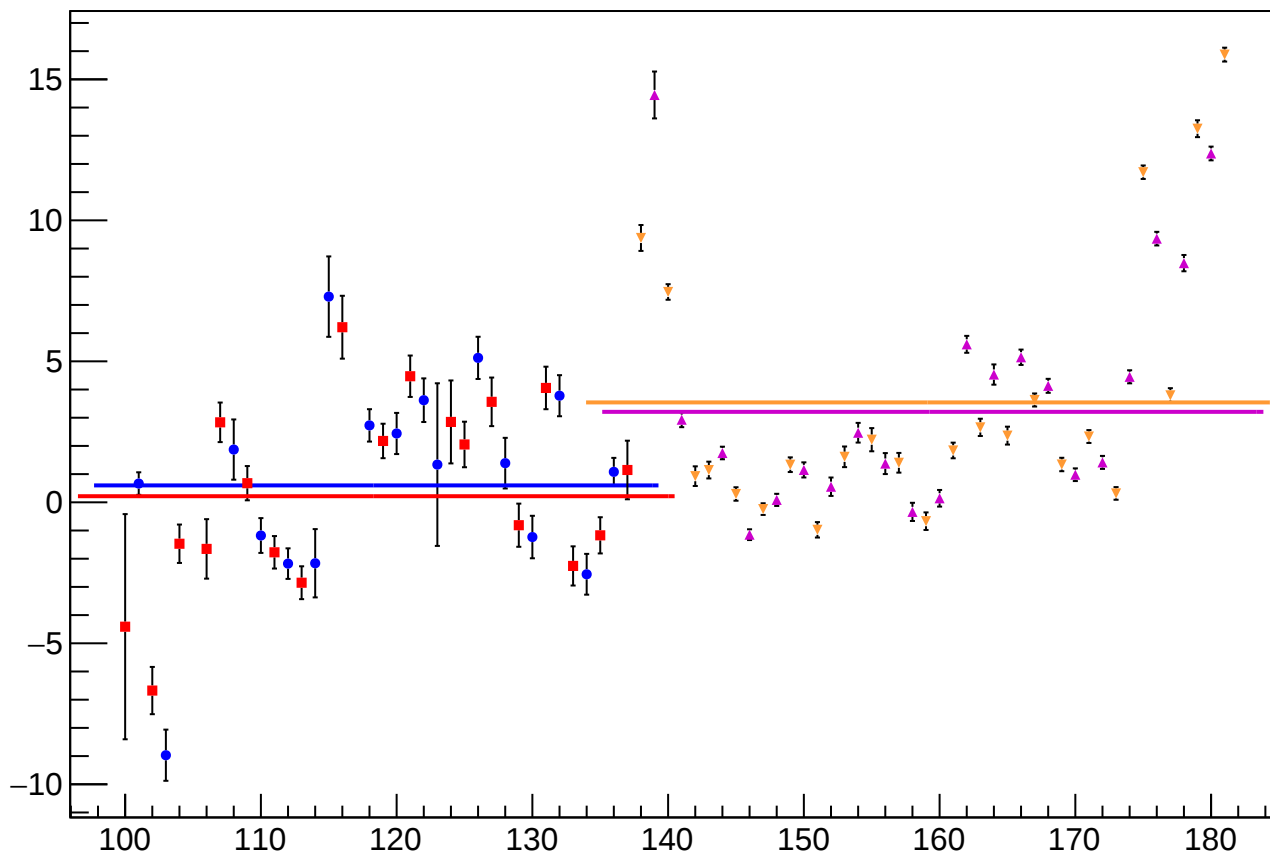
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.576+/-0.073 χ^2/NDF :15489.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.483+/-0.075 χ^2/NDF :11856.8/20

Left: -11.041+/-0.052 χ^2/NDF : 27454.9/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.483+/-0.075 χ^2/NDF :11856.8/20
 Out: -11.576+/-0.073 χ^2/NDF :15489.2/22
 All: -11.041+/-0.052 χ^2/NDF : 27454.9/43

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 3.543 ± 0.057 $\chi^2/\text{NDF}: 6712.2/22$

Right Out: 0.216 ± 0.175 $\chi^2/\text{NDF}: 274.5/18$

Left In: 3.208 ± 0.058 $\chi^2/\text{NDF}: 4062.9/20$

Left: 3.379 ± 0.041 $\chi^2/\text{NDF}: 10791.9/43$

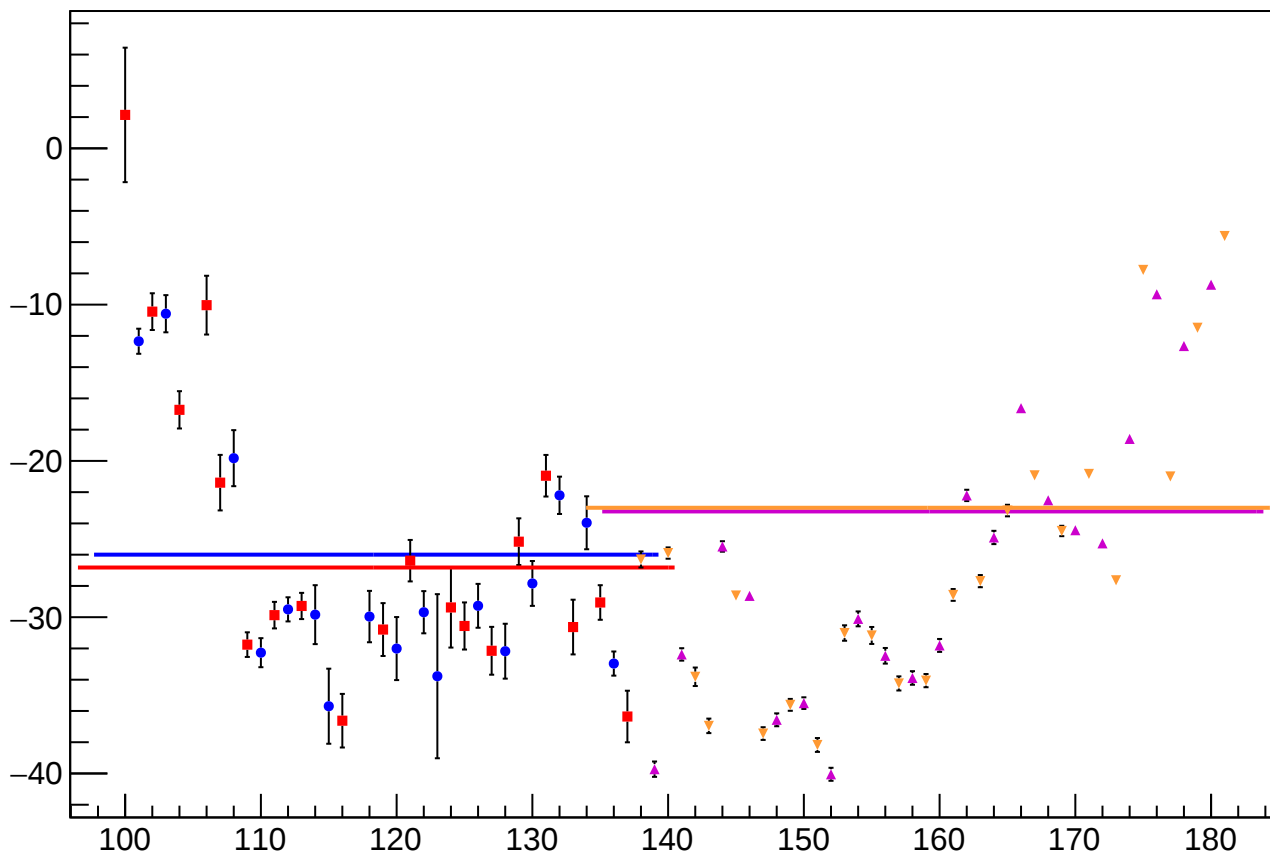
Right: 0.414 ± 0.122 $\chi^2/\text{NDF}: 568.9/35$

In: 2.933 ± 0.055 $\chi^2/\text{NDF}: 4567.3/37$

Out: 3.222 ± 0.054 $\chi^2/\text{NDF}: 7314.8/41$

All: 3.080 ± 0.039 $\chi^2/\text{NDF}: 11896.1/79$

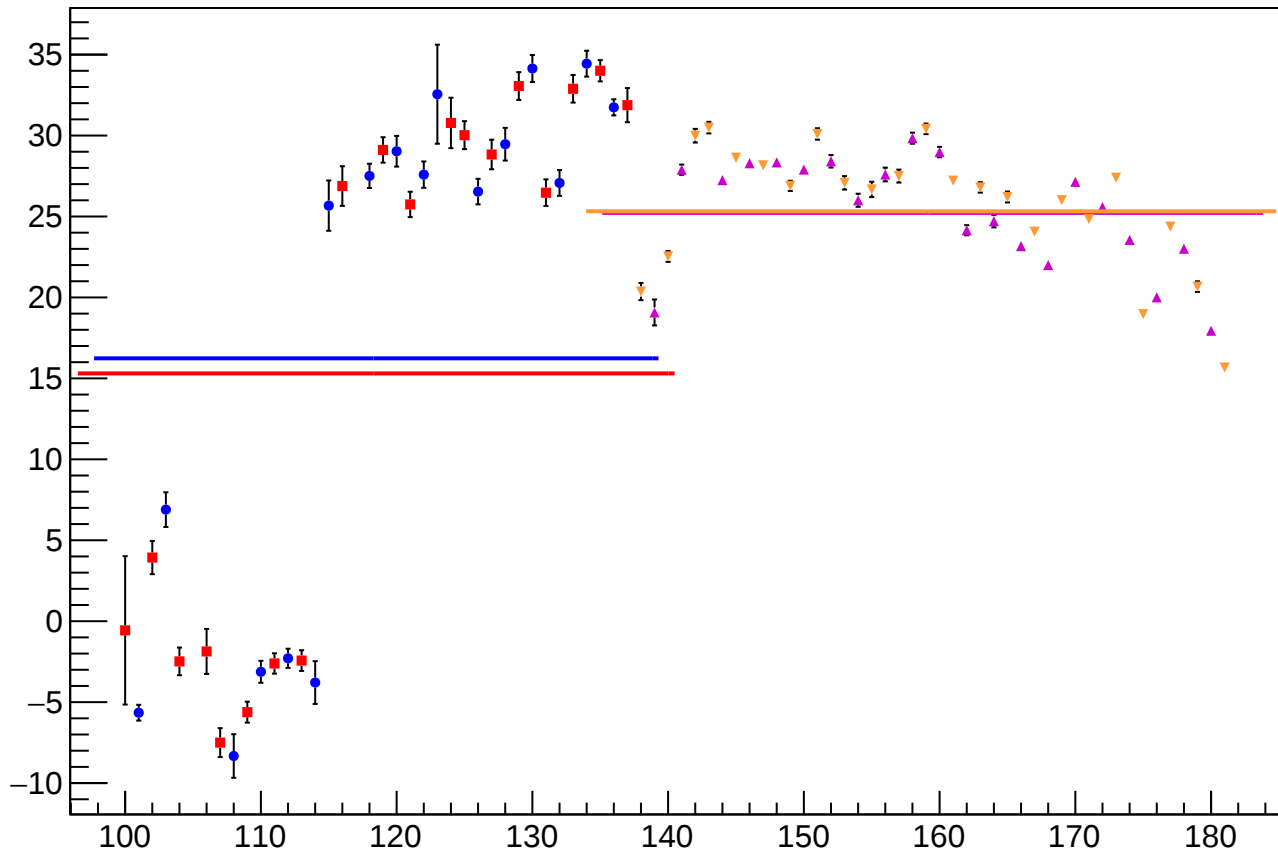
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -22.998 ± 0.074 χ^2/NDF : 18400.4/22
 Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18
 Left In: -23.234 ± 0.075 χ^2/NDF : 15614.2/20

Left: -23.114 ± 0.052 χ^2/NDF : 34019.7/43
 Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35
 In: -23.395 ± 0.072 χ^2/NDF : 16386.7/37
 Out: -23.218 ± 0.071 χ^2/NDF : 19136.9/41
 All: -23.305 ± 0.051 χ^2/NDF : 35526.7/79

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.321 $\pm$ 0.065 χ^2 /NDF:3608.9/22

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 25.223 $\pm$ 0.066 χ^2 /NDF:2500.9/20

Left: 25.273 $\pm$ 0.046 χ^2 /NDF: 6111.0/43

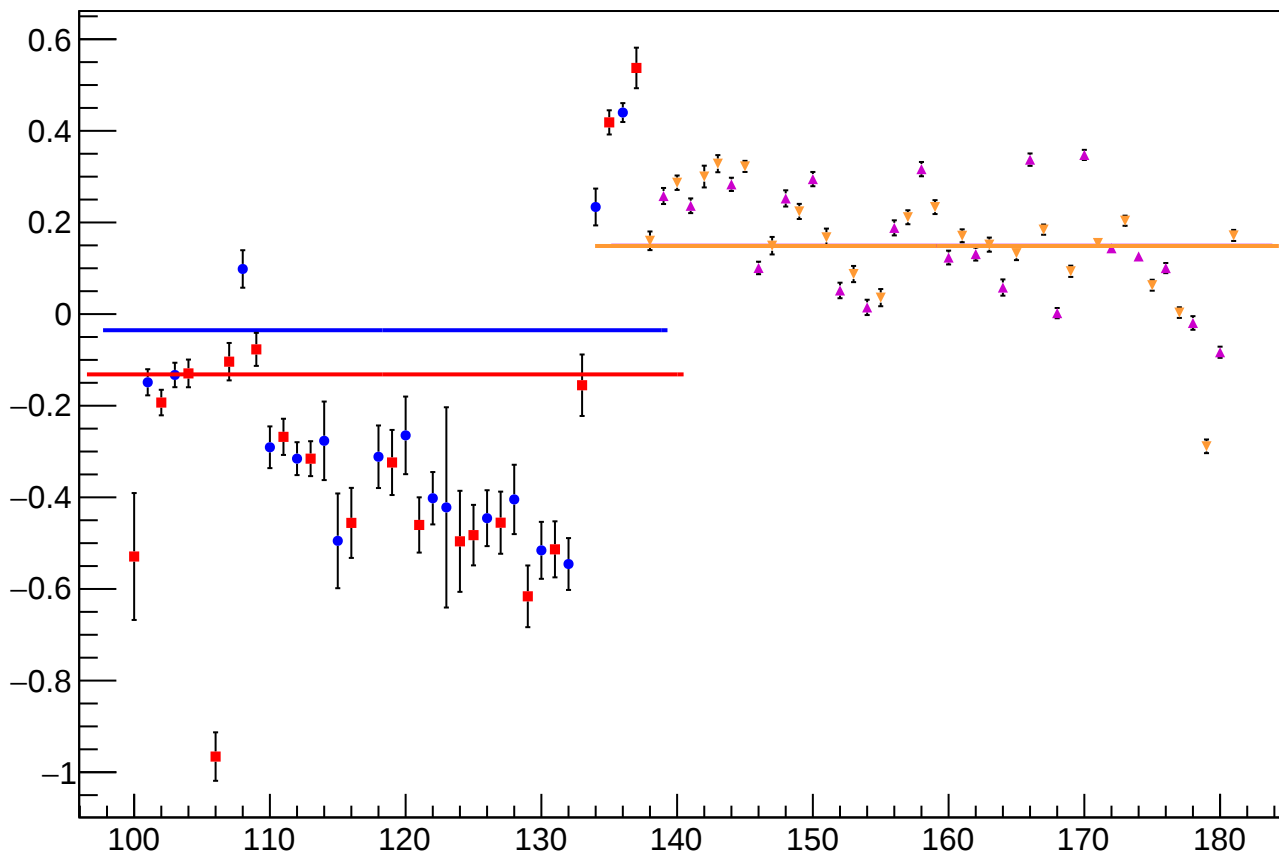
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.275 $\pm$ 0.062 χ^2 /NDF:12052.8/37

Out: 24.350 $\pm$ 0.061 χ^2 /NDF:13215.4/41

All: 24.313 $\pm$ 0.044 χ^2 /NDF: 25268.9/79

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.149 ± 0.003 χ^2/NDF : 1663.5/22

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.149 ± 0.003 χ^2/NDF : 1740.4/20

Left: 0.149 ± 0.002 χ^2/NDF : 3403.9/43

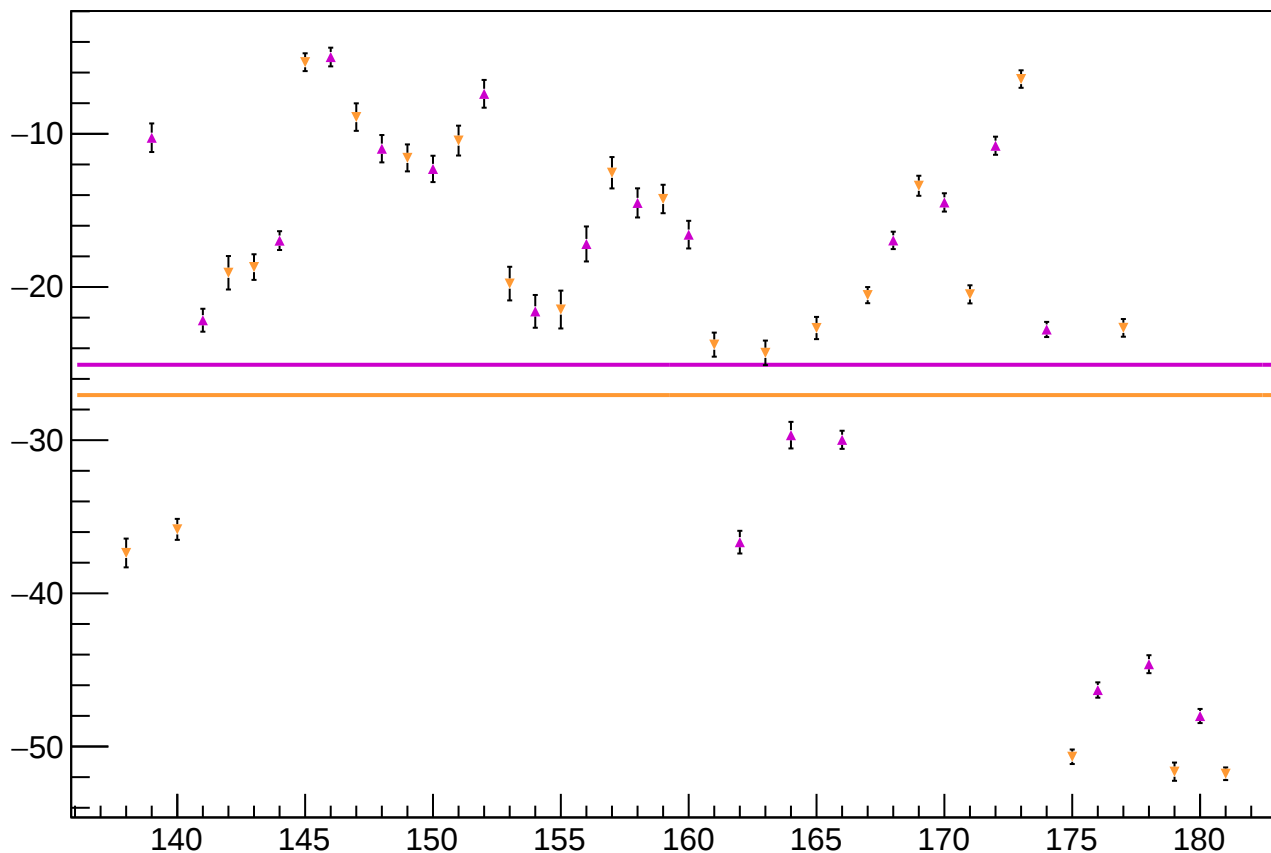
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.135 ± 0.003 χ^2/NDF : 3048.2/37

Out: 0.127 ± 0.003 χ^2/NDF : 3509.3/41

All: 0.131 ± 0.002 χ^2/NDF : 6560.9/79

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: -27.056+/-0.143 χ^2/NDF :13208.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.077+/-0.147 χ^2/NDF :9489.9/20

Left: -26.090+/-0.102 χ^2/NDF : 22791.7/43

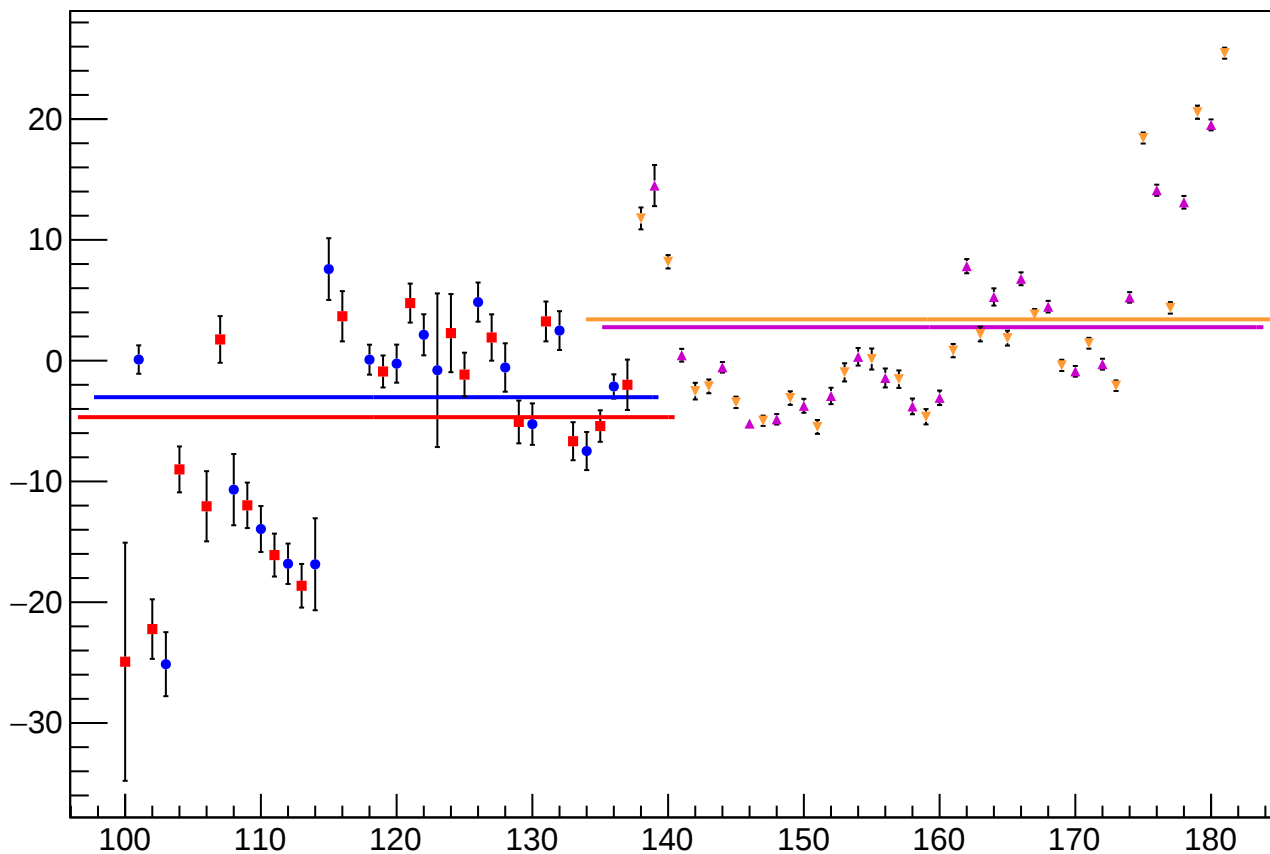
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.077+/-0.147 χ^2/NDF :9489.9/20

Out: -27.056+/-0.143 χ^2/NDF :13208.6/22

All: -26.090+/-0.102 χ^2/NDF : 22791.7/43

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: 3.419 ± 0.113 χ^2/NDF : 6244.0/22

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 2.771 ± 0.114 χ^2/NDF : 3975.7/20

Left: 3.100 ± 0.080 χ^2/NDF : 10236.0/43

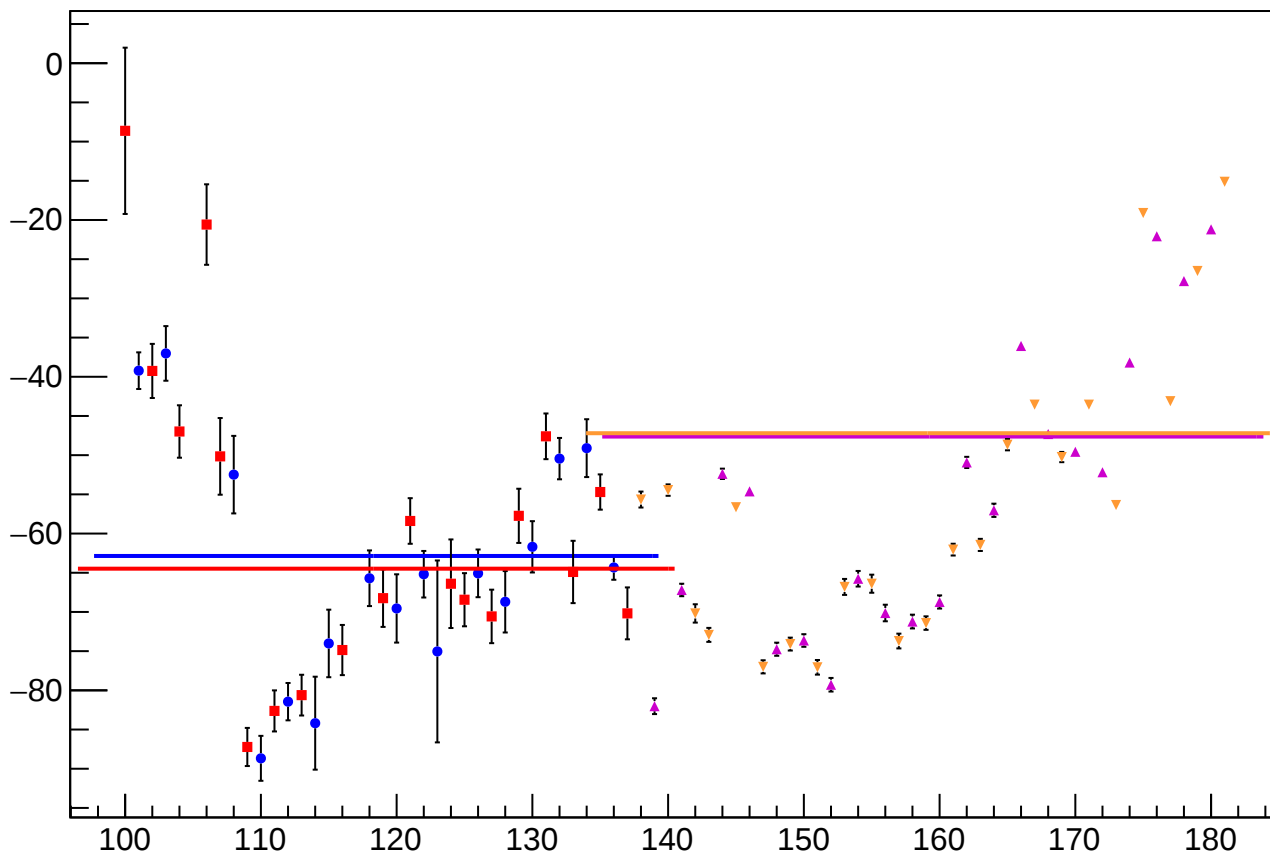
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: 2.348 ± 0.110 χ^2/NDF : 4443.3/37

Out: 2.891 ± 0.109 χ^2/NDF : 6880.5/41

All: 2.623 ± 0.077 χ^2/NDF : 11336.1/79

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: -47.200 $\pm$ 0.144 χ^2 /NDF:18653.8/22

Right Out: -64.480 $\pm$ 0.751 χ^2 /NDF: 444.0/18

Left In: -47.628 $\pm$ 0.147 χ^2 /NDF:15544.6/20

Left: -47.410 $\pm$ 0.103 χ^2 /NDF: 34202.8/43

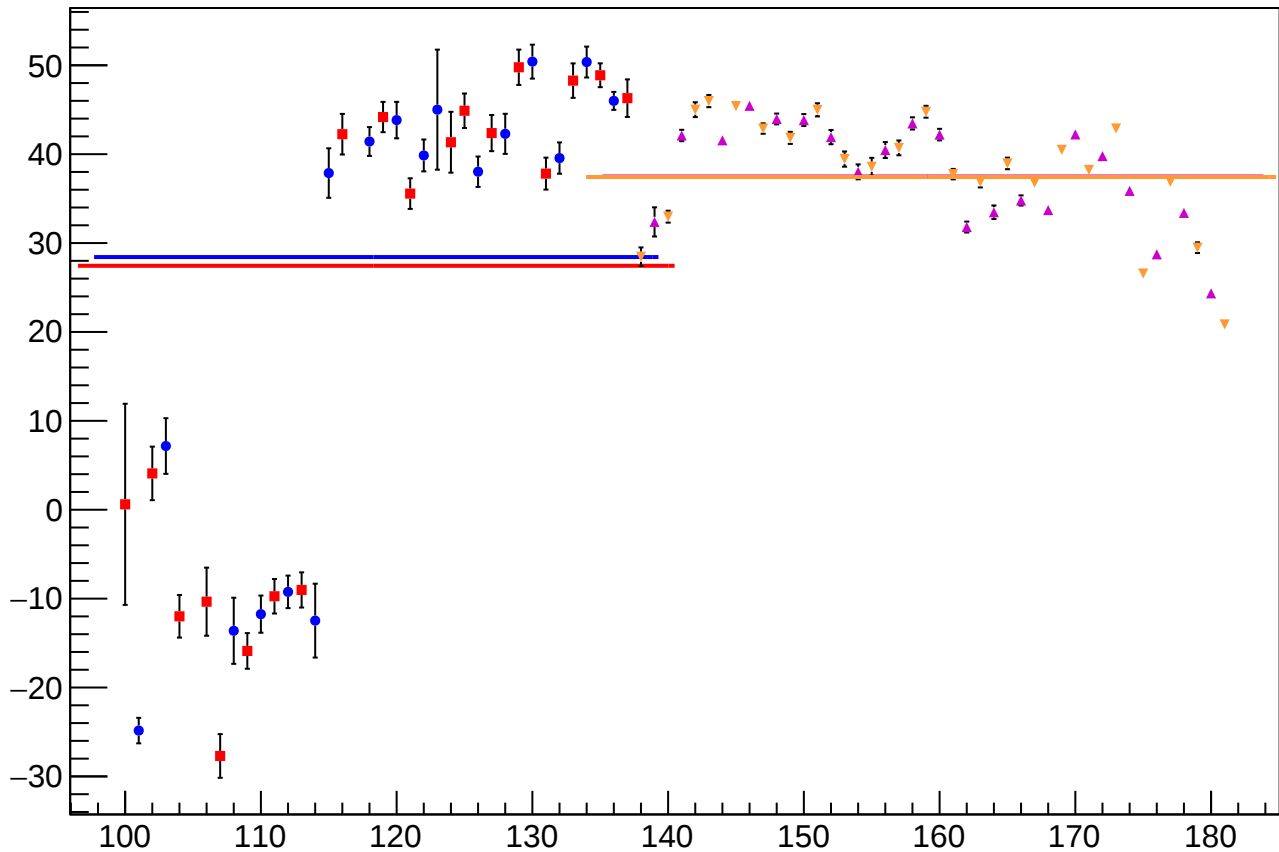
Right: -63.656 $\pm$ 0.527 χ^2 /NDF: 814.1/35

In: -48.204 $\pm$ 0.144 χ^2 /NDF:16321.1/37

Out: -47.812 $\pm$ 0.141 χ^2 /NDF:19608.3/41

All: -48.005 $\pm$ 0.101 χ^2 /NDF: 35933.2/79

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: 37.430 $\pm$ 0.127 χ^2 /NDF:2972.1/22

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 37.491 $\pm$ 0.129 χ^2 /NDF:2199.3/20

Left: 37.460 $\pm$ 0.091 χ^2 /NDF: 5171.5/43

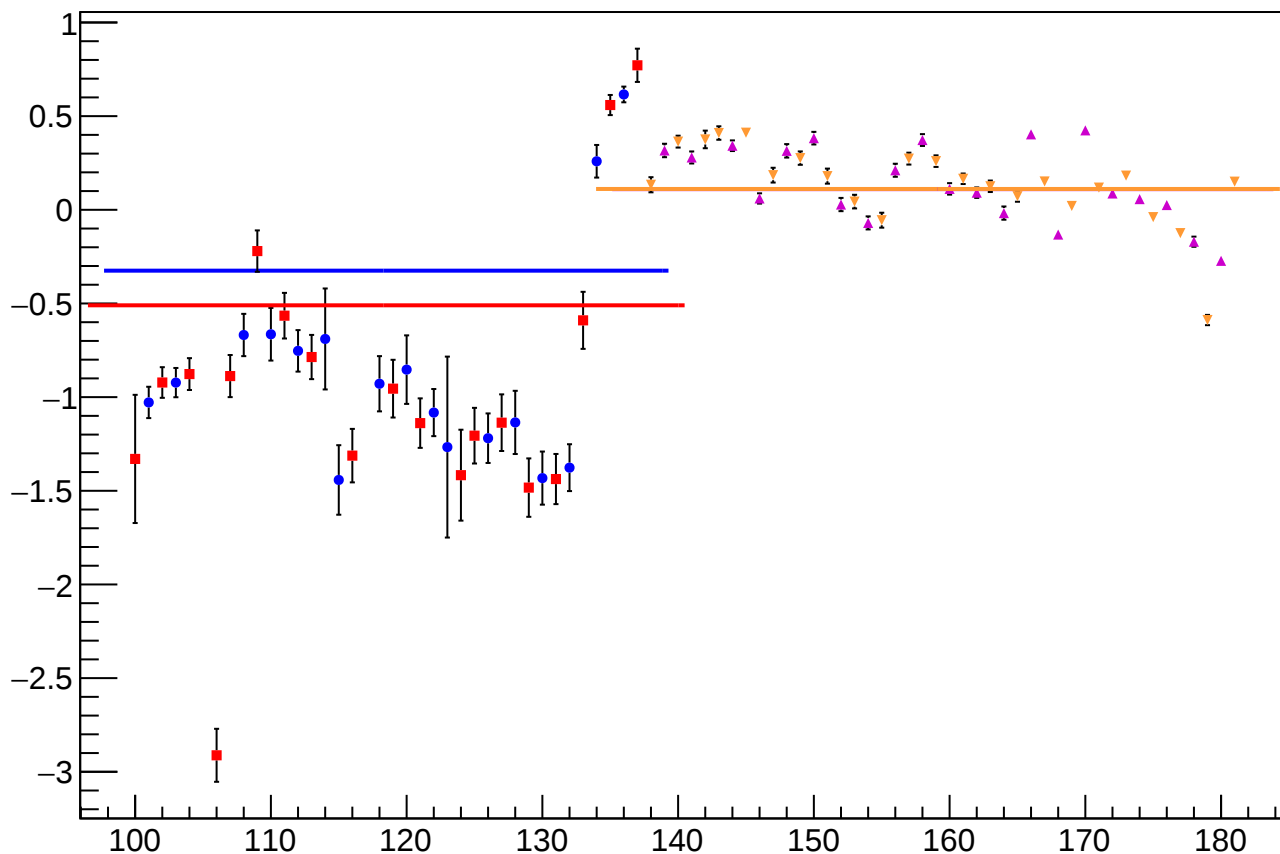
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 36.822 $\pm$ 0.124 χ^2 /NDF:5884.9/37

Out: 36.772 $\pm$ 0.123 χ^2 /NDF:6412.5/41

All: 36.797 $\pm$ 0.087 χ^2 /NDF: 12297.5/79

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: 0.111 ± 0.006 χ^2/NDF : 1266.8/22

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.110 ± 0.006 χ^2/NDF : 1221.2/20

Left: 0.111 ± 0.004 χ^2/NDF : 2488.0/43

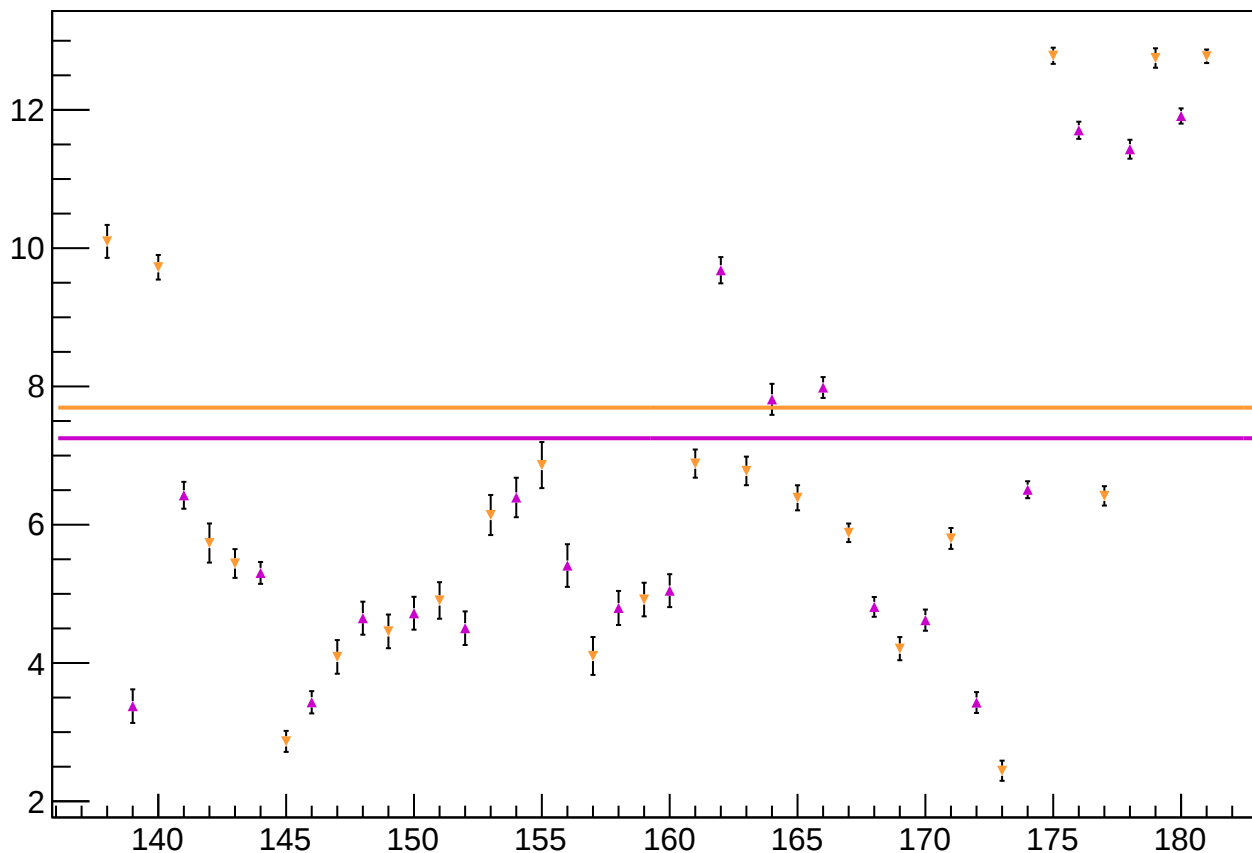
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.087 ± 0.006 χ^2/NDF : 2521.6/37

Out: 0.081 ± 0.006 χ^2/NDF : 2991.2/41

All: 0.084 ± 0.004 χ^2/NDF : 5513.4/79

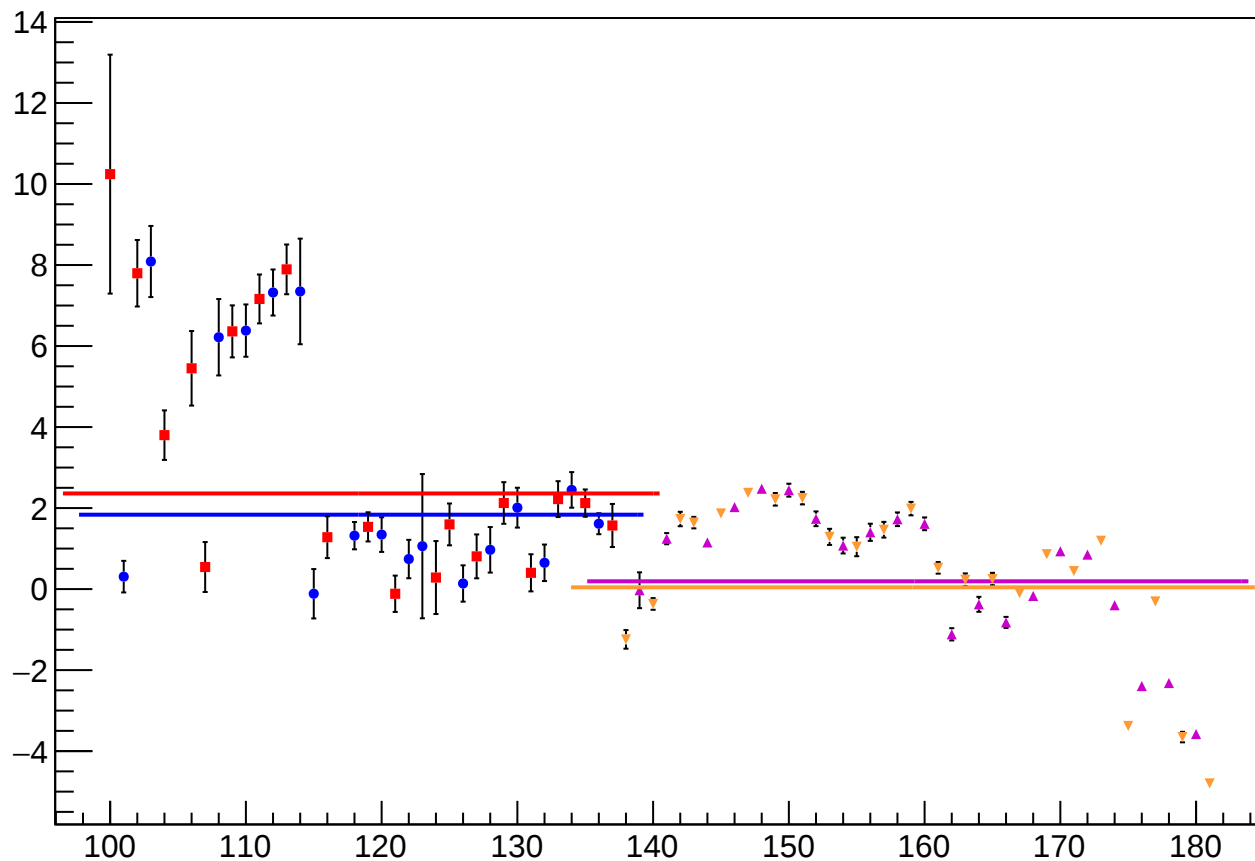
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.694+/-0.036 χ^2/NDF :10362.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.251+/-0.037 χ^2/NDF :7044.3/20

Left: 7.478+/-0.026 χ^2/NDF : 17479.5/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.251+/-0.037 χ^2/NDF :7044.3/20
 Out: 7.694+/-0.036 χ^2/NDF :10362.1/22
 All: 7.478+/-0.026 χ^2/NDF : 17479.5/43

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: 0.043 ± 0.029 $\chi^2/\text{NDF}: 5467.2/22$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: 0.193 ± 0.029 $\chi^2/\text{NDF}: 3763.3/20$

Left: 0.117 ± 0.020 $\chi^2/\text{NDF}: 9243.8/43$

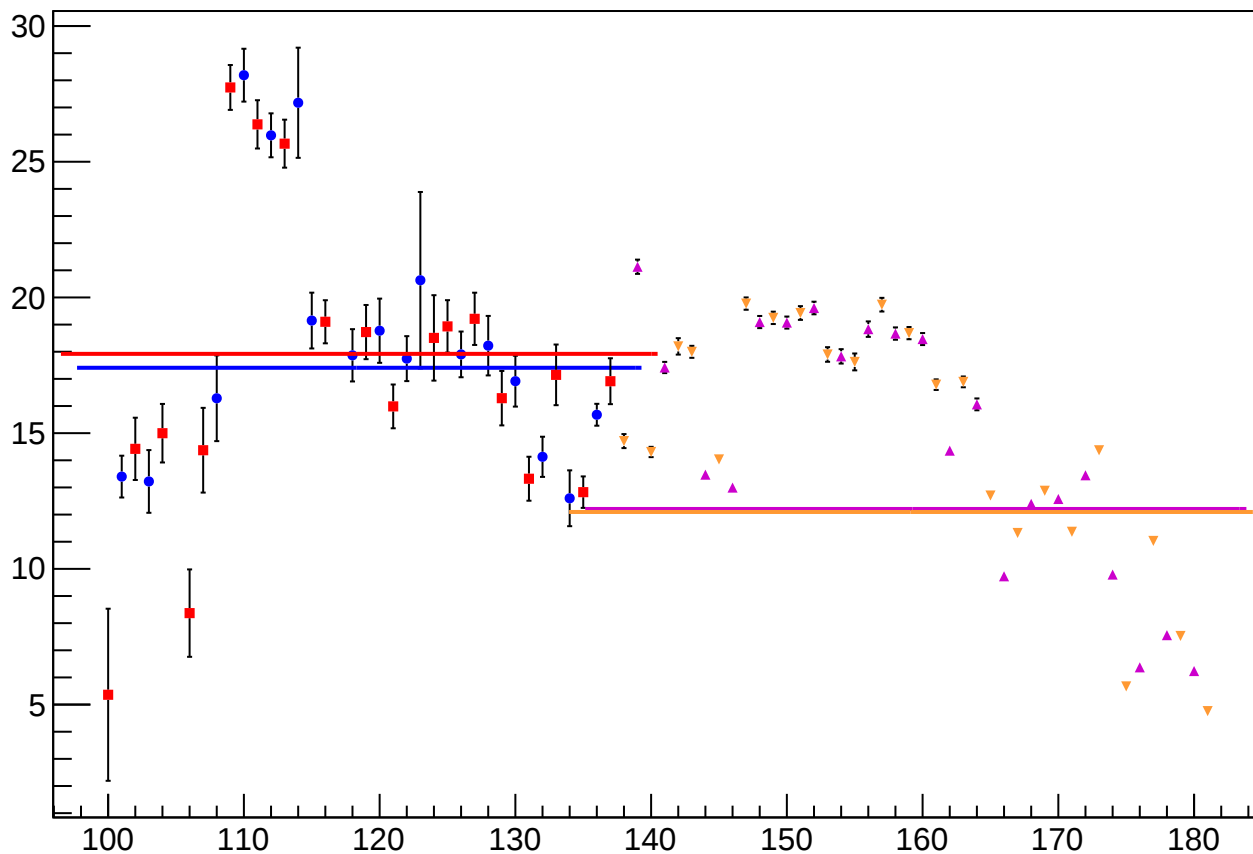
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 0.290 ± 0.028 $\chi^2/\text{NDF}: 4245.8/37$

Out: 0.164 ± 0.028 $\chi^2/\text{NDF}: 6143.7/41$

All: 0.226 ± 0.020 $\chi^2/\text{NDF}: 10399.5/79$

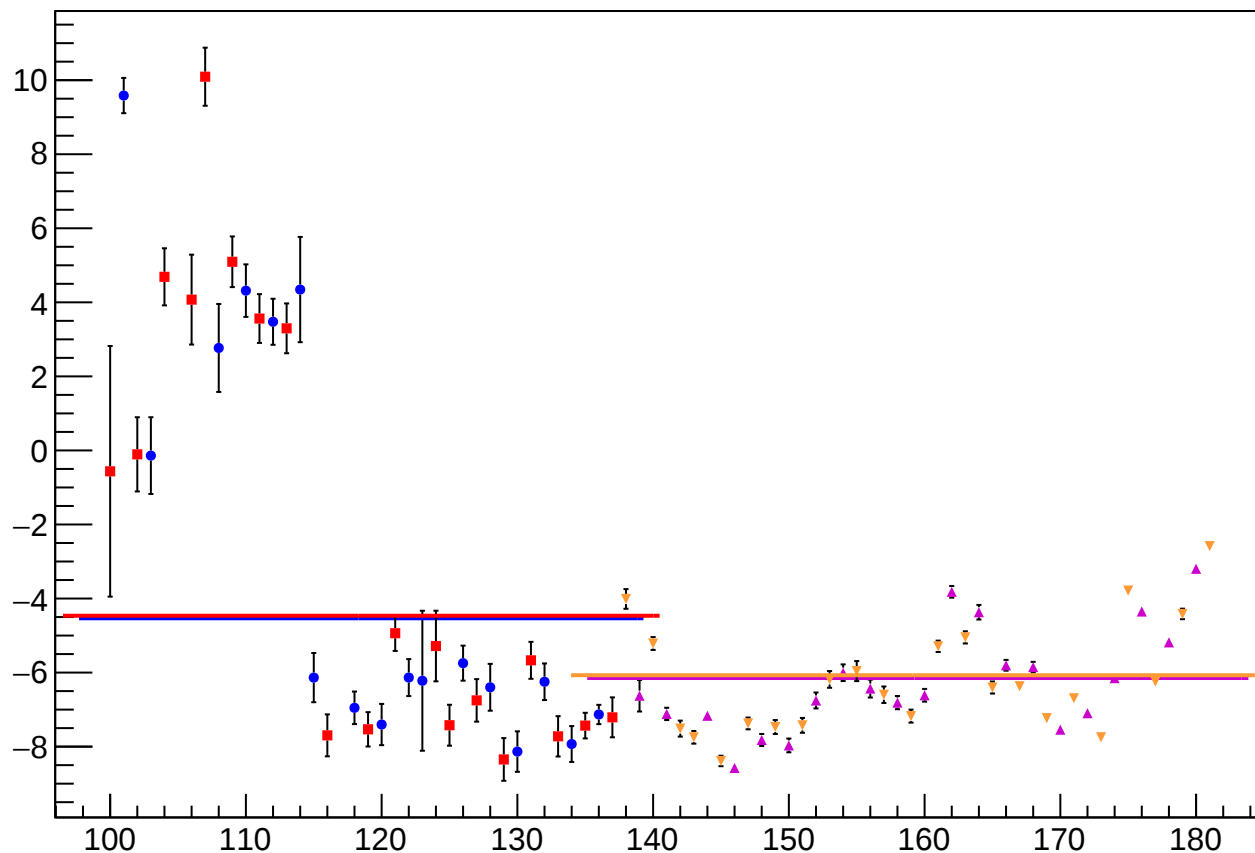
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$
 Left Out: 12.096 ± 0.036 $\chi^2/\text{NDF}: 17813.2/22$
 Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$
 Left In: 12.207 ± 0.037 $\chi^2/\text{NDF}: 14886.1/20$

Left: 12.150 ± 0.026 $\chi^2/\text{NDF}: 32703.8/43$
 Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$
 In: 12.362 ± 0.037 $\chi^2/\text{NDF}: 15835.6/37$
 Out: 12.253 ± 0.036 $\chi^2/\text{NDF}: 19009.7/41$
 All: 12.306 ± 0.026 $\chi^2/\text{NDF}: 34849.9/79$

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: -6.072 ± 0.032 χ^2/NDF : 2494.6/22

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.147 ± 0.033 χ^2/NDF : 2133.4/20

Left: -6.109 ± 0.023 χ^2/NDF : 4630.7/43

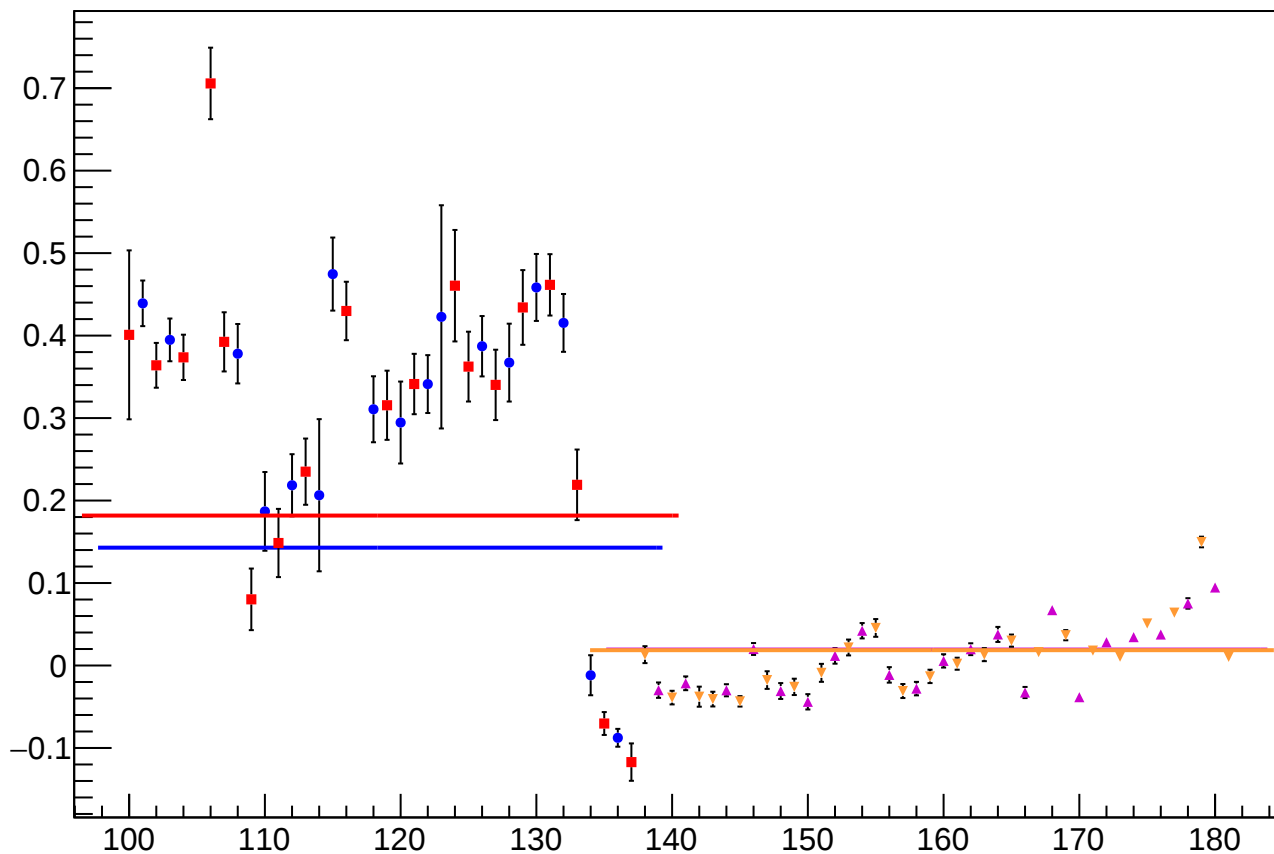
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.049 ± 0.032 χ^2/NDF : 3867.3/37

Out: -5.987 ± 0.031 χ^2/NDF : 3966.0/41

All: -6.017 ± 0.022 χ^2/NDF : 7835.2/79

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.019 $\pm$ 0.001 χ^2 /NDF:845.3/22

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.019 $\pm$ 0.002 χ^2 /NDF:765.7/20

Left: 0.019 $\pm$ 0.001 χ^2 /NDF: 1611.1/43

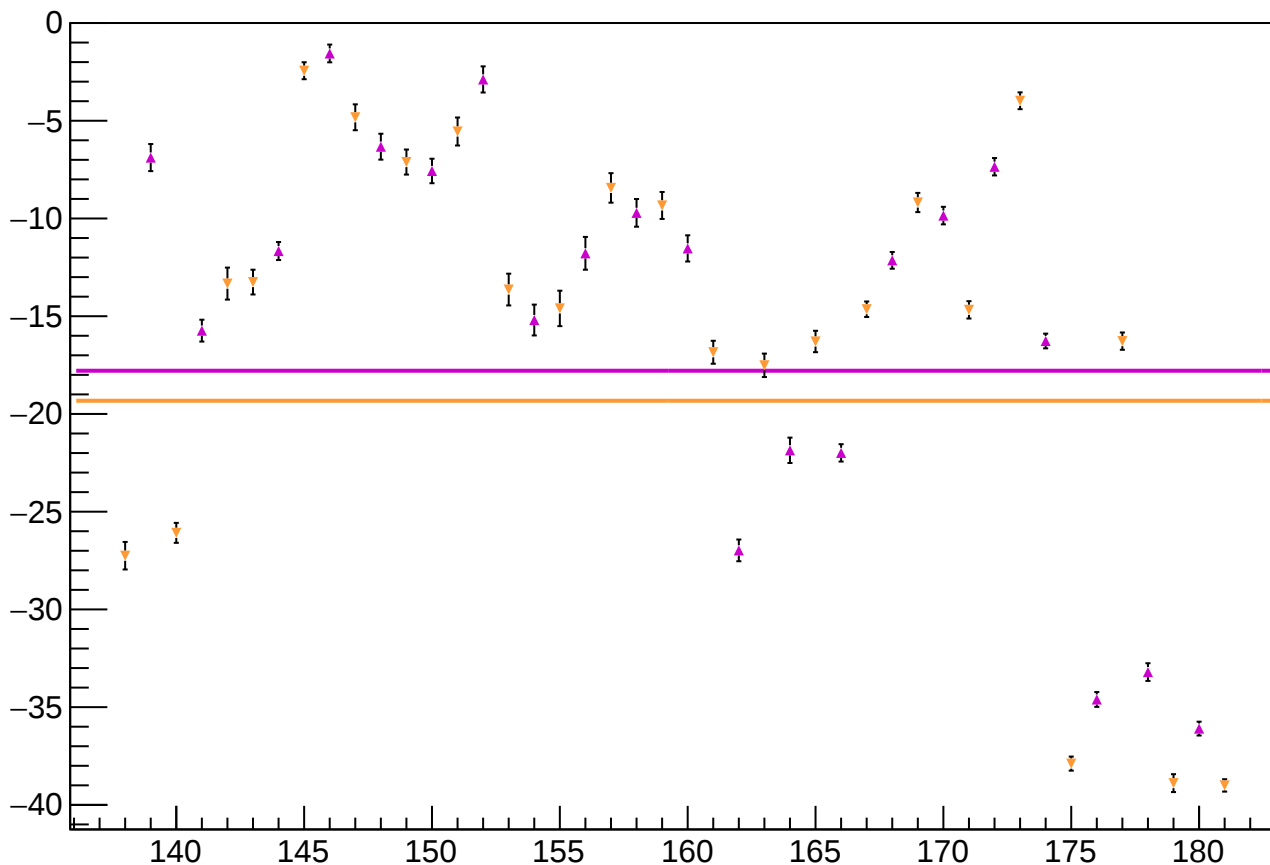
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.025 $\pm$ 0.001 χ^2 /NDF:2117.9/37

Out: 0.025 $\pm$ 0.001 χ^2 /NDF:2323.1/41

All: 0.025 $\pm$ 0.001 χ^2 /NDF: 4440.9/79

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -19.324 $\pm$ 0.108 χ^2 /NDF:14049.0/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.789 $\pm$ 0.110 χ^2 /NDF:10306.6/20

Left: -18.574 $\pm$ 0.077 χ^2 /NDF: 24454.6/43

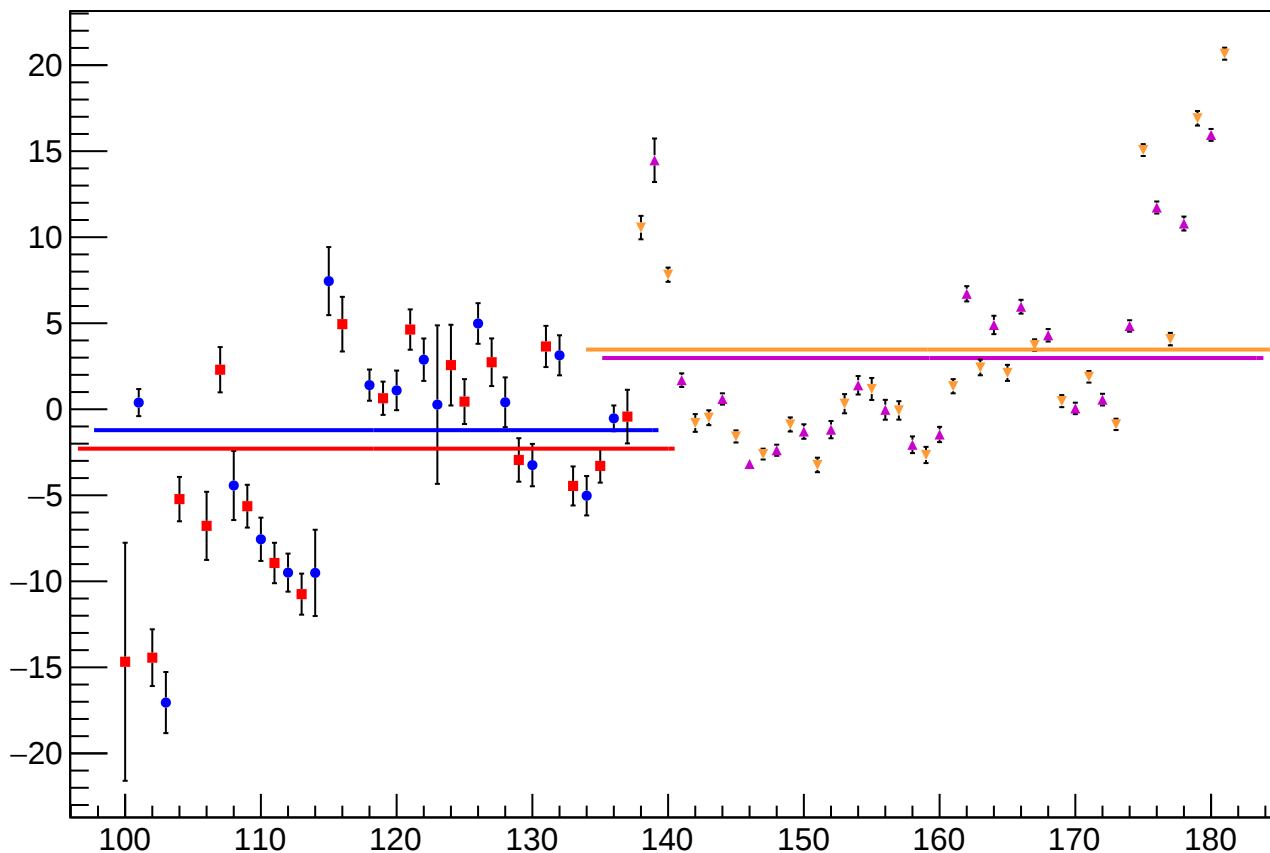
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.789 $\pm$ 0.110 χ^2 /NDF:10306.6/20

Out: -19.324 $\pm$ 0.108 χ^2 /NDF:14049.0/22

All: -18.574 $\pm$ 0.077 χ^2 /NDF: 24454.6/43

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: 3.470 ± 0.084 χ^2/NDF : 6435.1/22

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 2.977 ± 0.086 χ^2/NDF : 4015.7/20

Left: 3.228 ± 0.060 χ^2/NDF : 10467.5/43

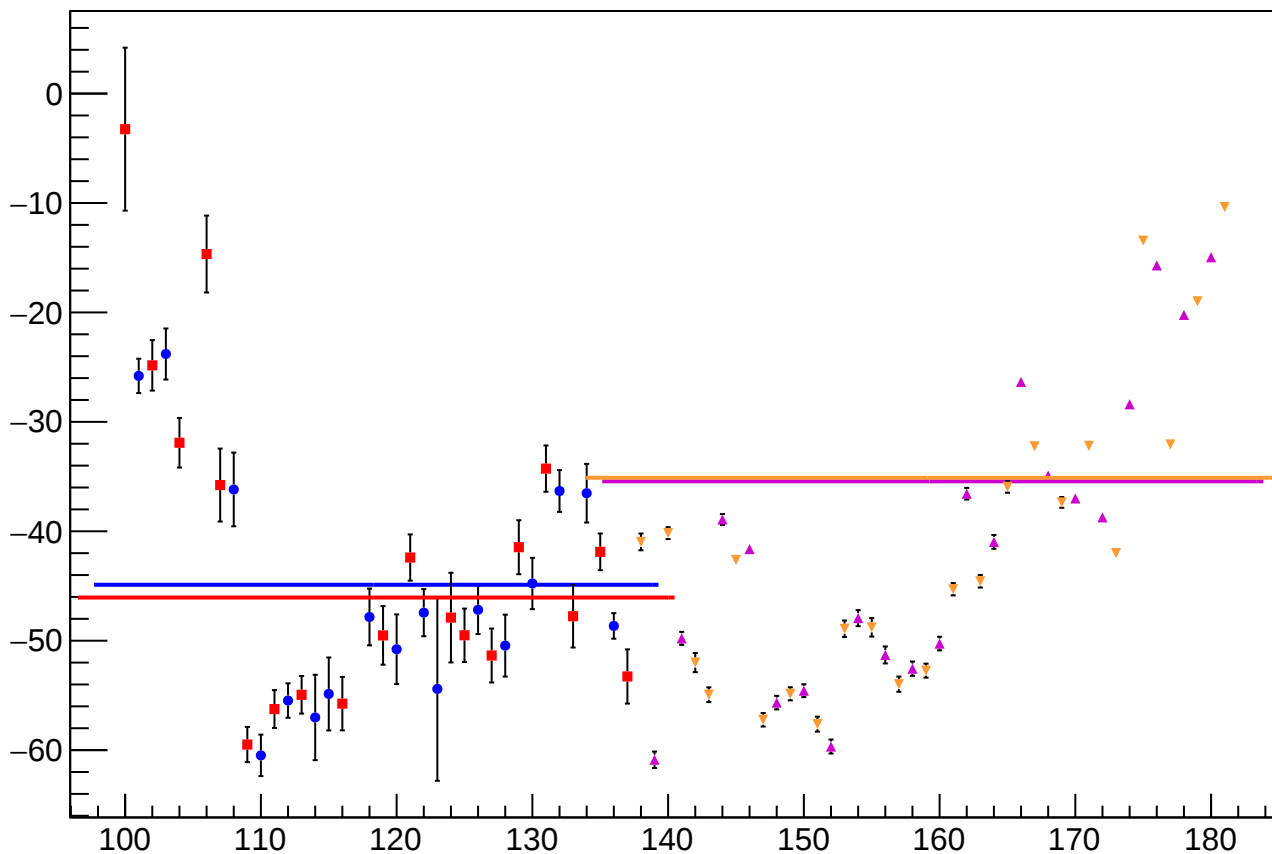
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 2.640 ± 0.082 χ^2/NDF : 4486.1/37

Out: 3.053 ± 0.081 χ^2/NDF : 7059.3/41

All: 2.849 ± 0.058 χ^2/NDF : 11558.1/79

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: -35.111 ± 0.108 χ^2/NDF : 18687.4/22

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -35.437 ± 0.110 χ^2/NDF : 15632.5/20

Left: -35.271 ± 0.077 χ^2/NDF : 34324.4/43

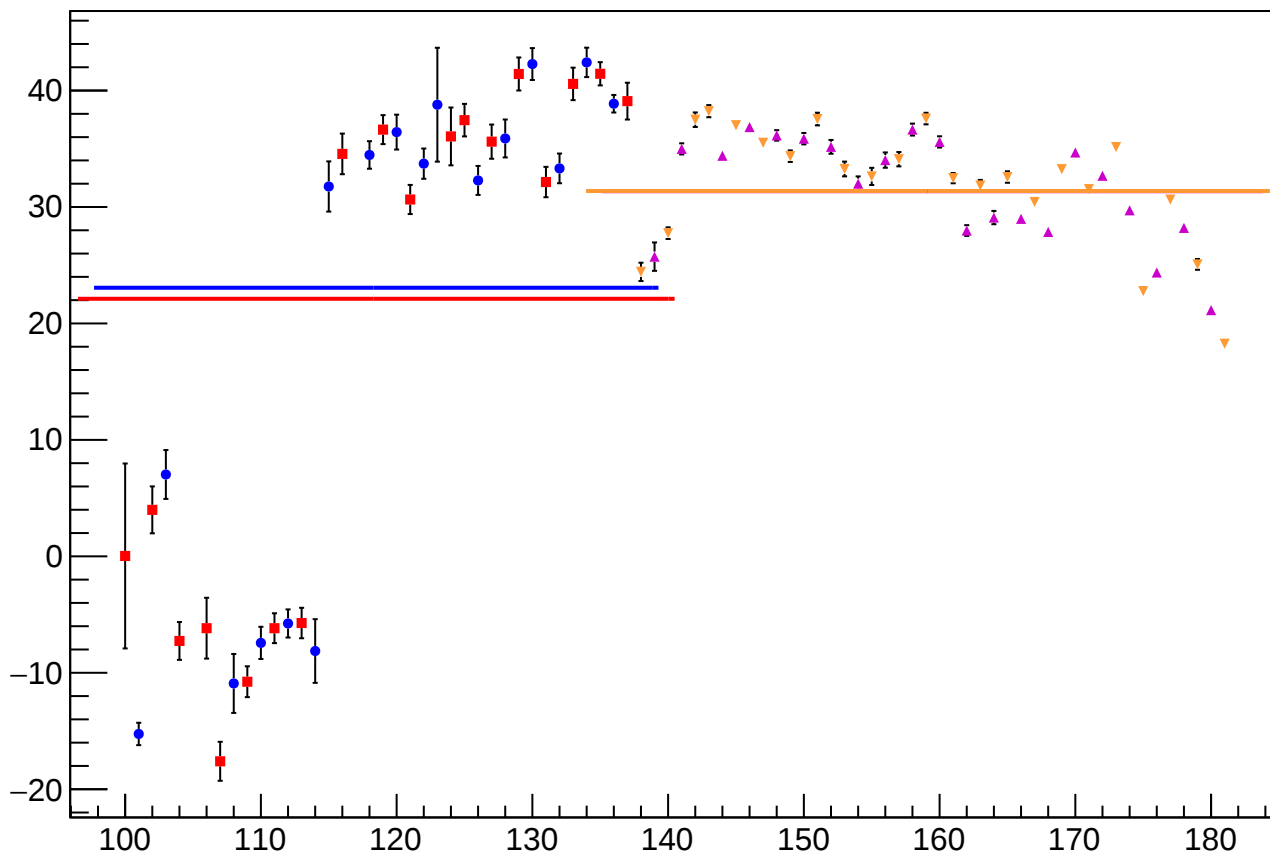
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -35.839 ± 0.108 χ^2/NDF : 16365.2/37

Out: -35.553 ± 0.106 χ^2/NDF : 19553.2/41

All: -35.693 ± 0.076 χ^2/NDF : 35922.0/79

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: 31.372 $\pm$ 0.095 χ^2 /NDF:3168.6/22

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 31.354 $\pm$ 0.097 χ^2 /NDF:2272.5/20

Left: 31.363 $\pm$ 0.068 χ^2 /NDF: 5441.1/43

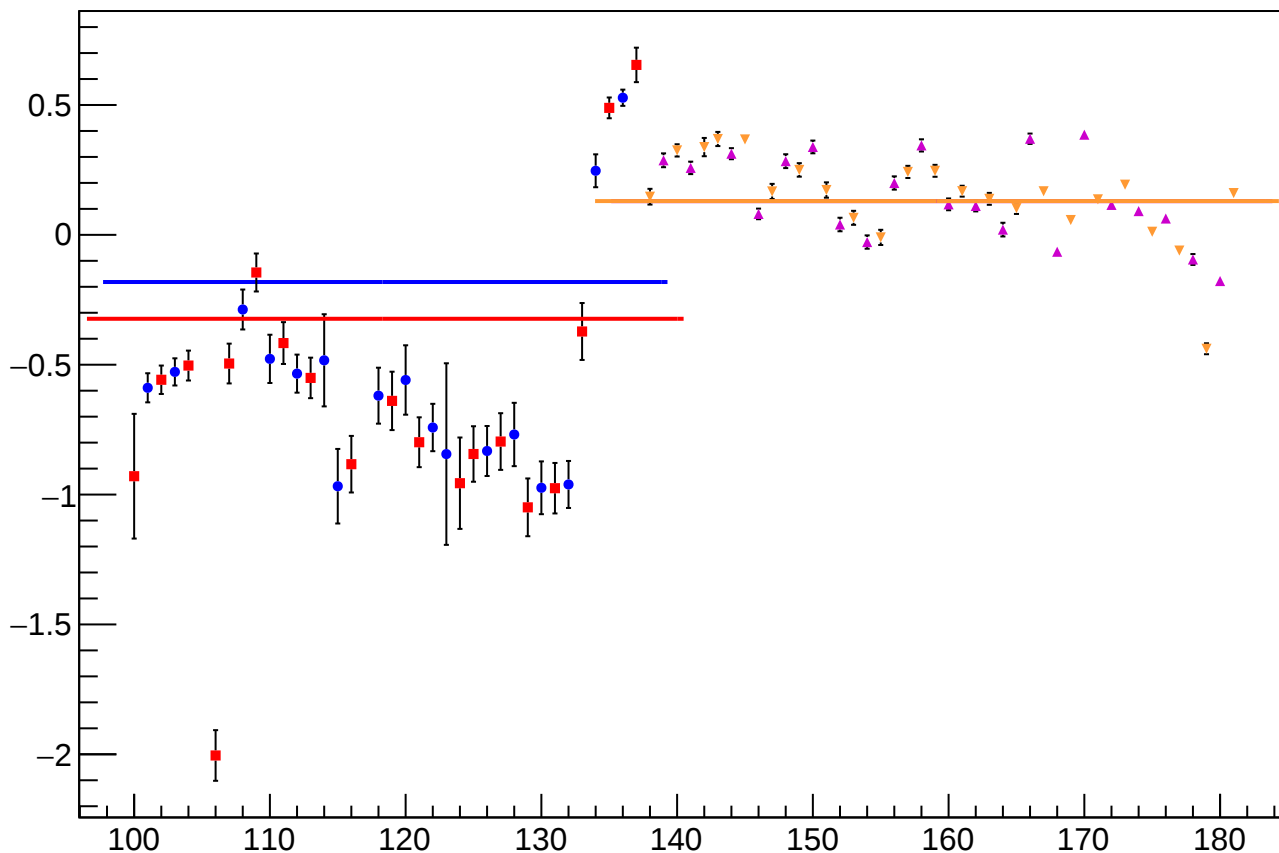
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 30.681 $\pm$ 0.093 χ^2 /NDF:7197.8/37

Out: 30.695 $\pm$ 0.092 χ^2 /NDF:7889.7/41

All: 30.688 $\pm$ 0.065 χ^2 /NDF: 15087.5/79

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: 0.130 ± 0.004 χ^2/NDF : 1405.2/22

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.130 ± 0.004 χ^2/NDF : 1391.2/20

Left: 0.130 ± 0.003 χ^2/NDF : 2796.5/43

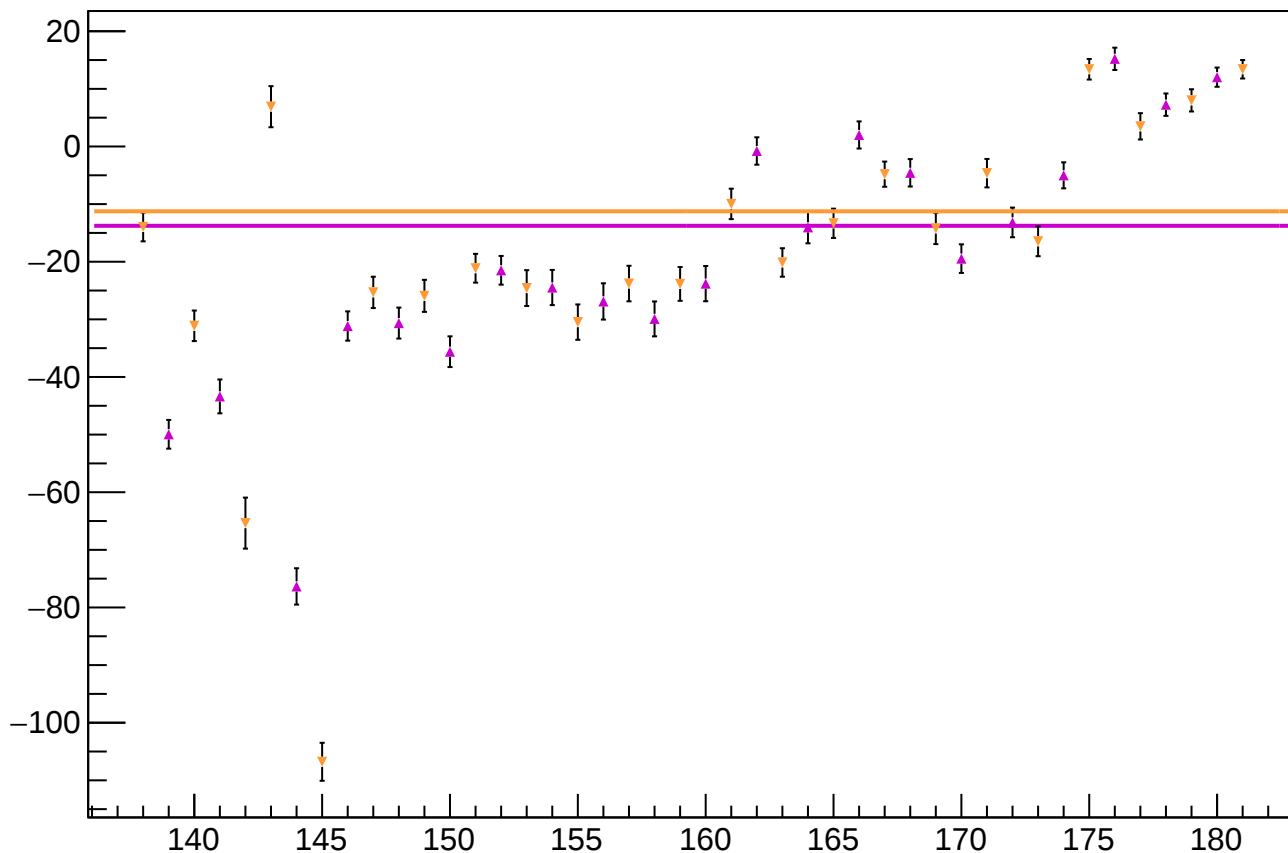
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.111 ± 0.004 χ^2/NDF : 2677.8/37

Out: 0.105 ± 0.004 χ^2/NDF : 3177.1/41

All: 0.108 ± 0.003 χ^2/NDF : 5856.1/79

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -11.249 ± 0.522 χ^2/NDF : 1838.6/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -13.765 ± 0.537 χ^2/NDF : 1628.6/20

Left: -12.471 ± 0.375 χ^2/NDF : 3478.5/43

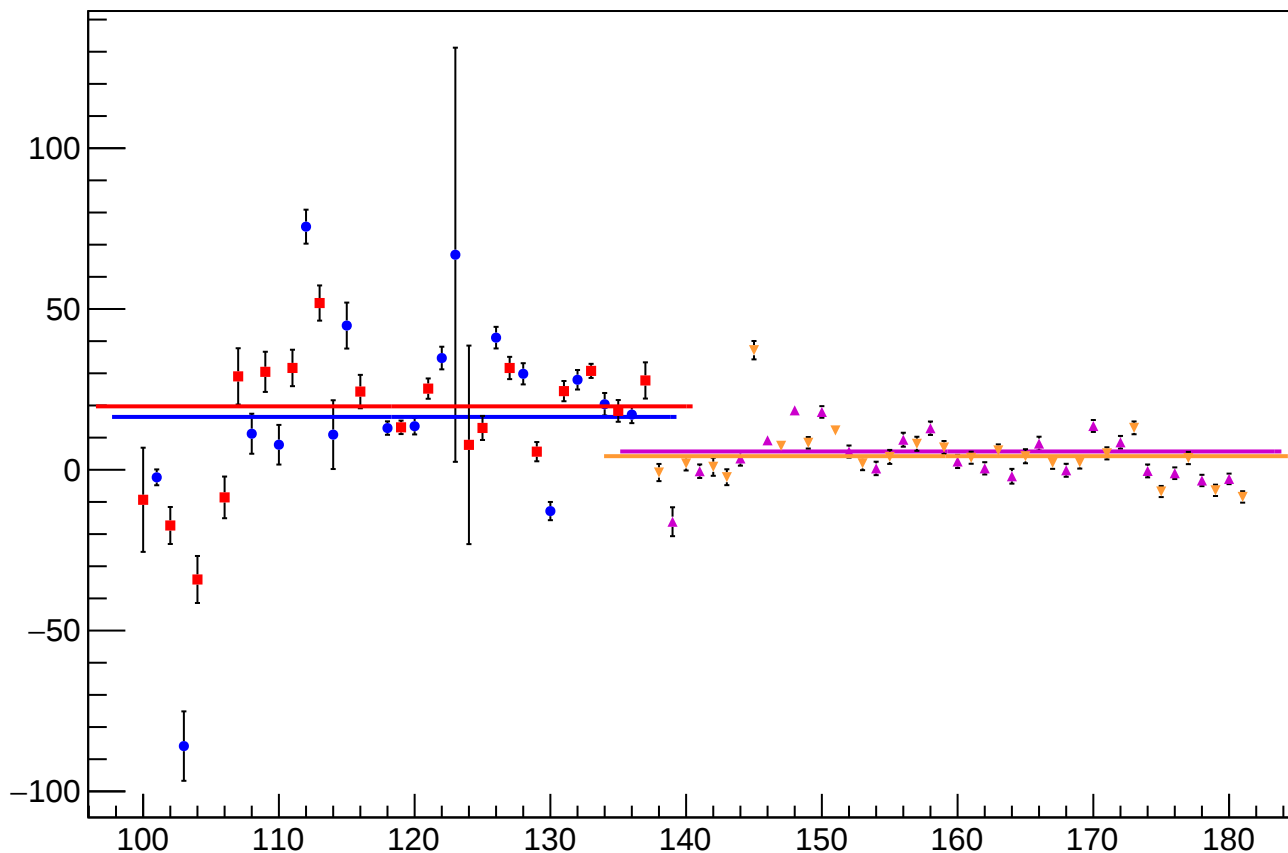
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -13.765 ± 0.537 χ^2/NDF : 1628.6/20

Out: -11.249 ± 0.522 χ^2/NDF : 1838.6/22

All: -12.471 ± 0.375 χ^2/NDF : 3478.5/43

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 4.233+/-0.403 χ^2/NDF : 346.1/22

Right Out: 19.724+/-0.898 χ^2/NDF : 241.7/18

Left In: 5.698+/-0.418 χ^2/NDF : 329.1/20

Left: 4.939+/-0.290 χ^2/NDF : 681.5/43

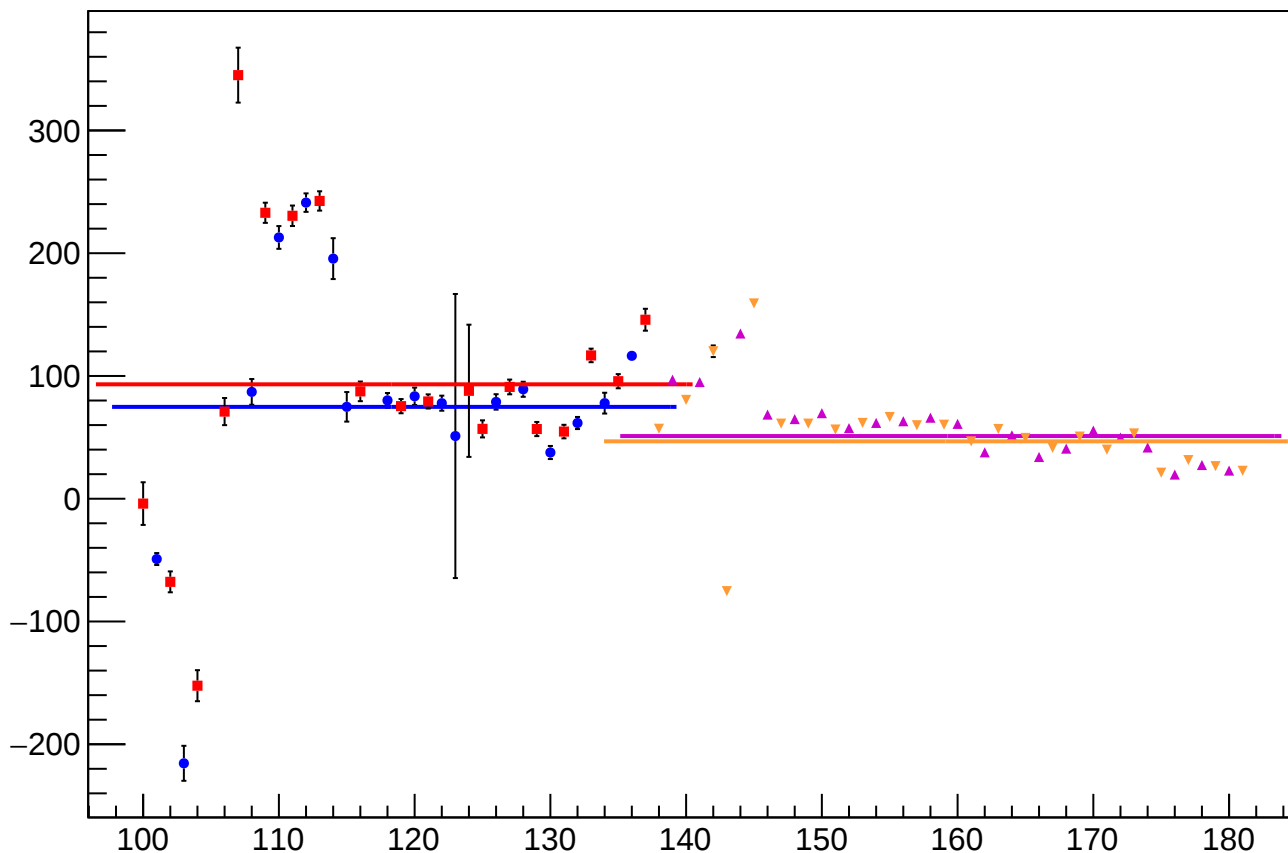
Right: 17.989+/-0.617 χ^2/NDF : 765.7/35

In: 7.795+/-0.375 χ^2/NDF : 974.9/37

Out: 6.830+/-0.368 χ^2/NDF : 835.6/41

All: 7.303+/-0.262 χ^2/NDF : 1813.9/79

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: 46.755 $\pm$ 0.519 χ^2 /NDF: 3314.5/22

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 51.060 $\pm$ 0.532 χ^2 /NDF: 2144.5/20

Left: 48.856 $\pm$ 0.371 χ^2 /NDF: 5492.6/43

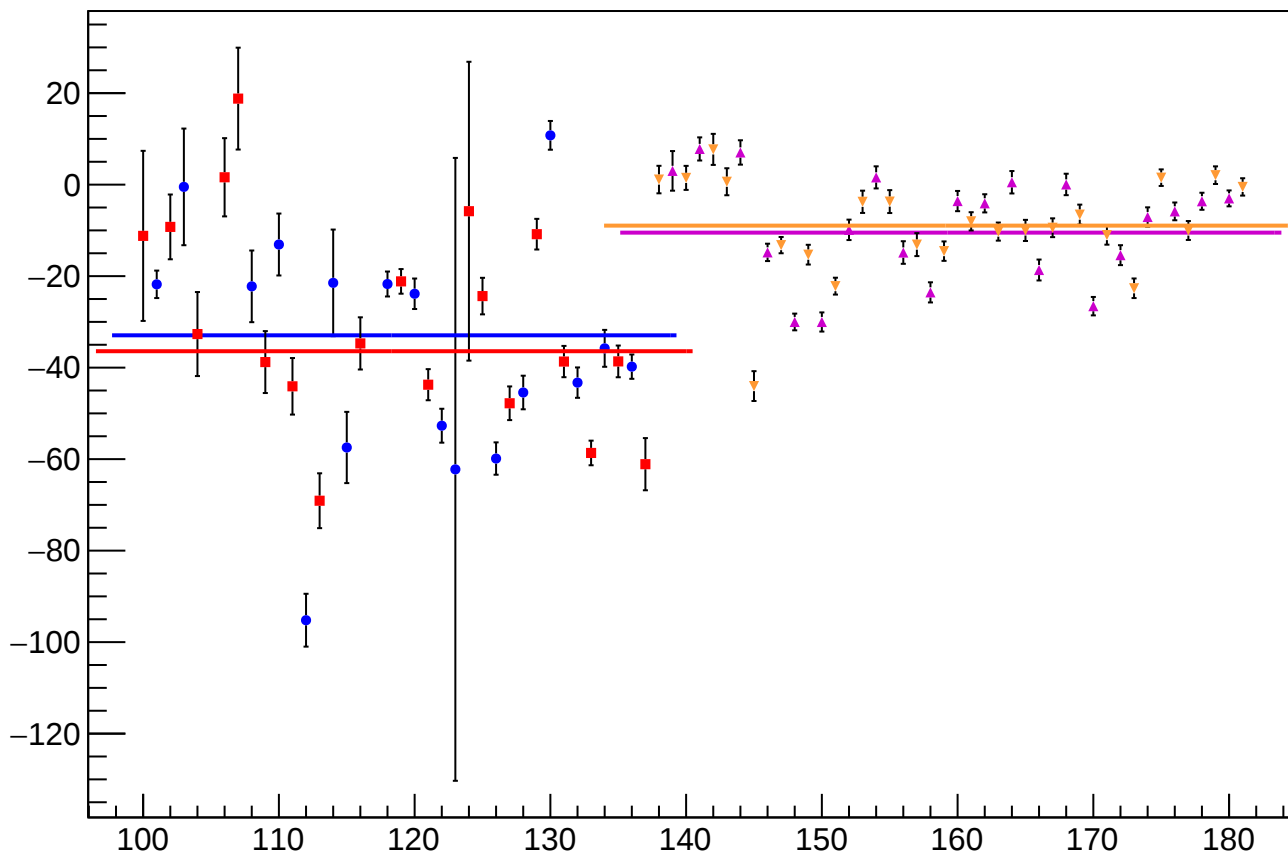
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 53.324 $\pm$ 0.506 χ^2 /NDF: 4331.6/37

Out: 50.668 $\pm$ 0.497 χ^2 /NDF: 5989.5/41

All: 51.972 $\pm$ 0.354 χ^2 /NDF: 10335.2/79

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -8.958 ± 0.458 $\chi^2/\text{NDF}: 392.2/22$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -10.491 ± 0.473 $\chi^2/\text{NDF}: 557.7/20$

Left: -9.700 ± 0.329 $\chi^2/\text{NDF}: 955.4/43$

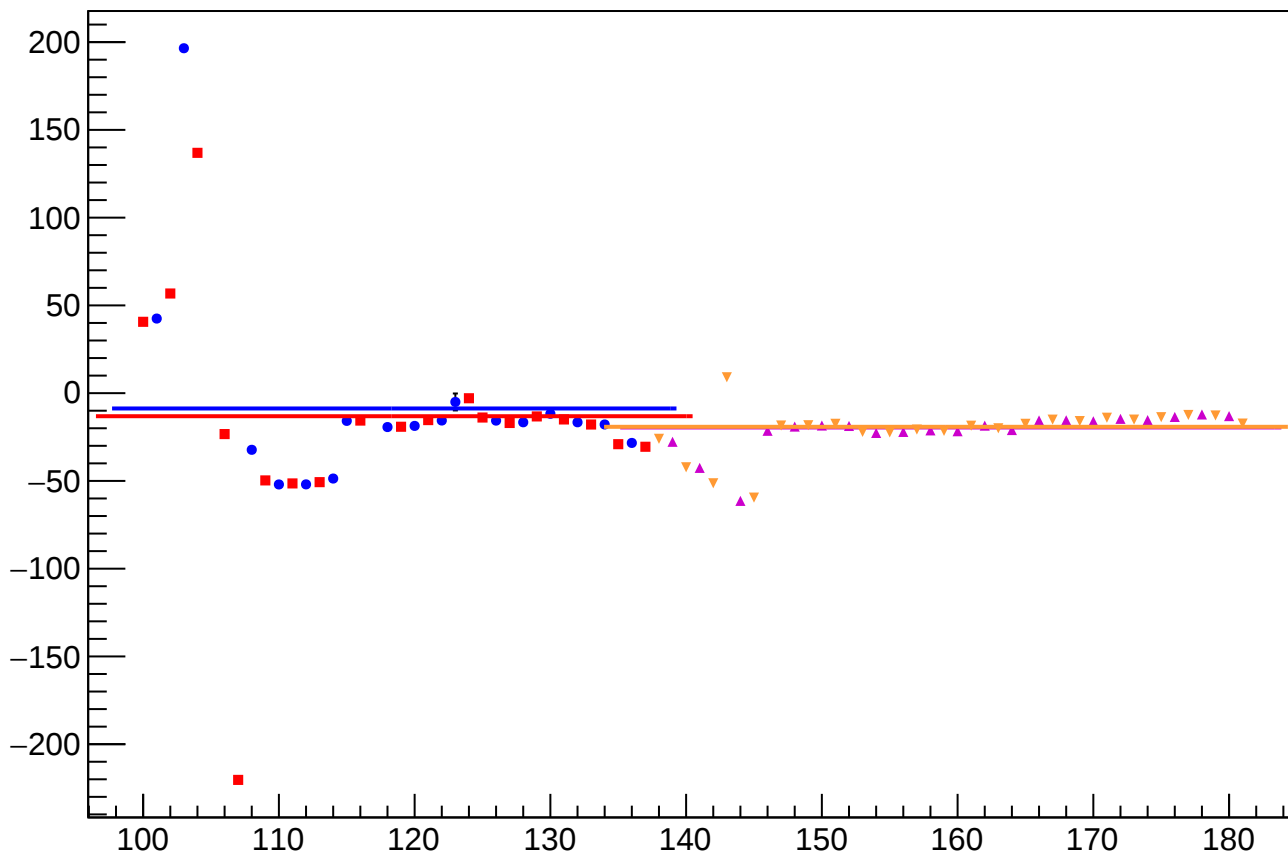
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -14.785 ± 0.426 $\chi^2/\text{NDF}: 1478.5/37$

Out: -13.533 ± 0.418 $\chi^2/\text{NDF}: 1285.0/41$

All: -14.148 ± 0.298 $\chi^2/\text{NDF}: 2767.8/79$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -19.172 ± 0.021 χ^2/NDF : 218924.4/22

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -19.551 ± 0.021 χ^2/NDF : 152204.3/20

Left: -19.359 ± 0.015 χ^2/NDF : 371286.9/43

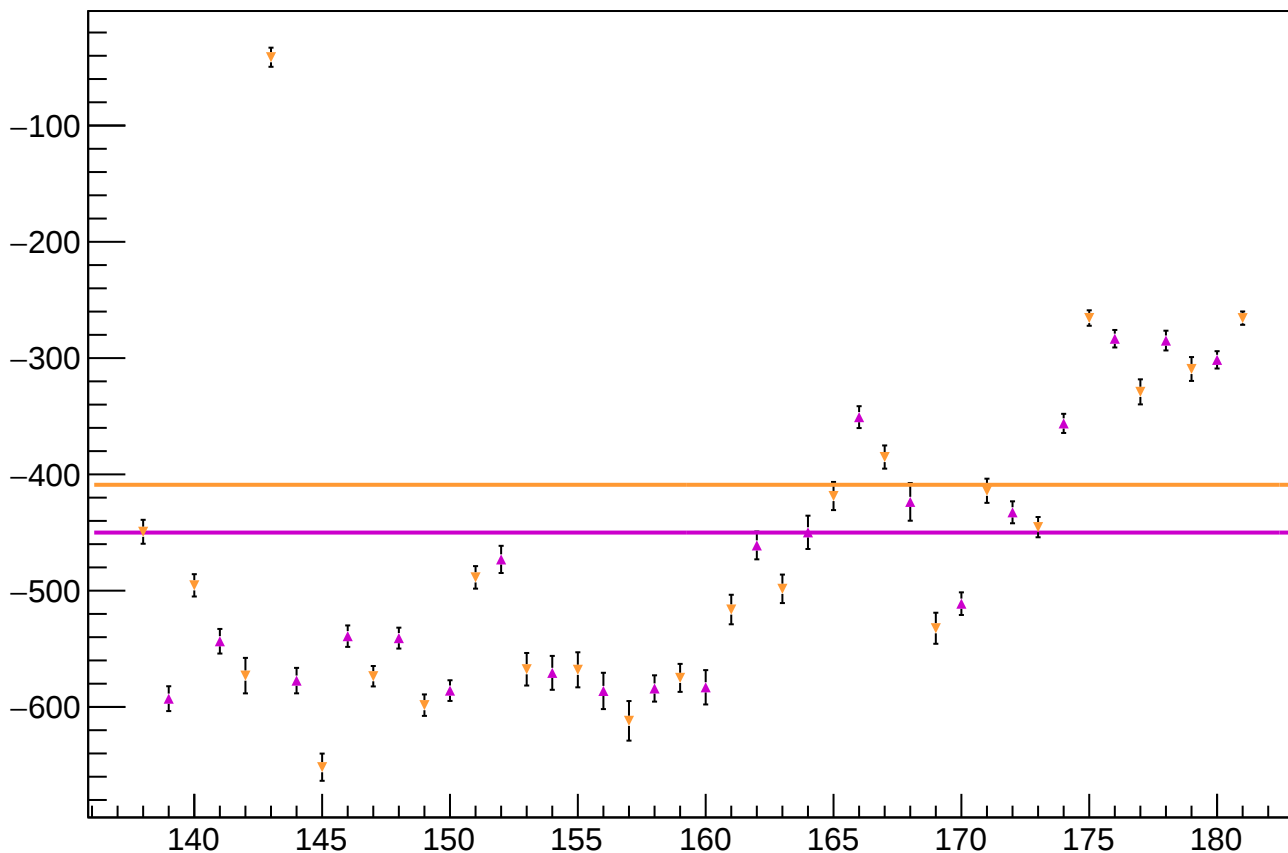
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -18.281 ± 0.020 χ^2/NDF : 757909.6/37

Out: -18.538 ± 0.020 χ^2/NDF : 786100.8/41

All: -18.410 ± 0.014 χ^2/NDF : 1544091.6/79

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -408.948 $\pm$ 2.082 χ^2/NDF :5526.7/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -450.039 $\pm$ 2.212 χ^2/NDF :2744.9/20

Left: -428.245 $\pm$ 1.516 χ^2/NDF : 8454.7/43

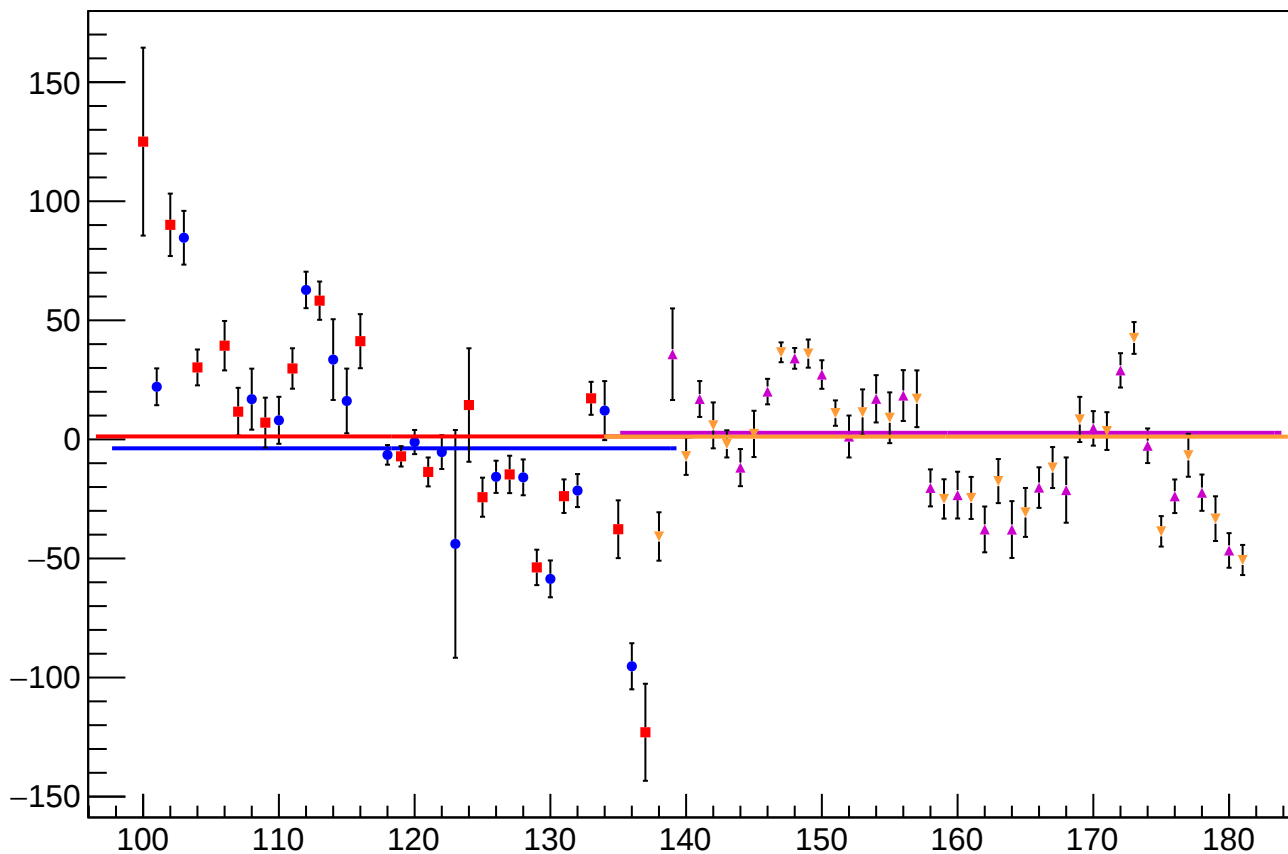
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -450.039 $\pm$ 2.212 χ^2/NDF :2744.9/20

Out: -408.948 $\pm$ 2.082 χ^2/NDF :5526.7/22

All: -428.245 $\pm$ 1.516 χ^2/NDF : 8454.7/43

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 1.152 ± 1.560 χ^2/NDF : 326.3/22

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 2.768 ± 1.664 χ^2/NDF : 233.9/20

Left: 1.908 ± 1.138 χ^2/NDF : 560.6/43

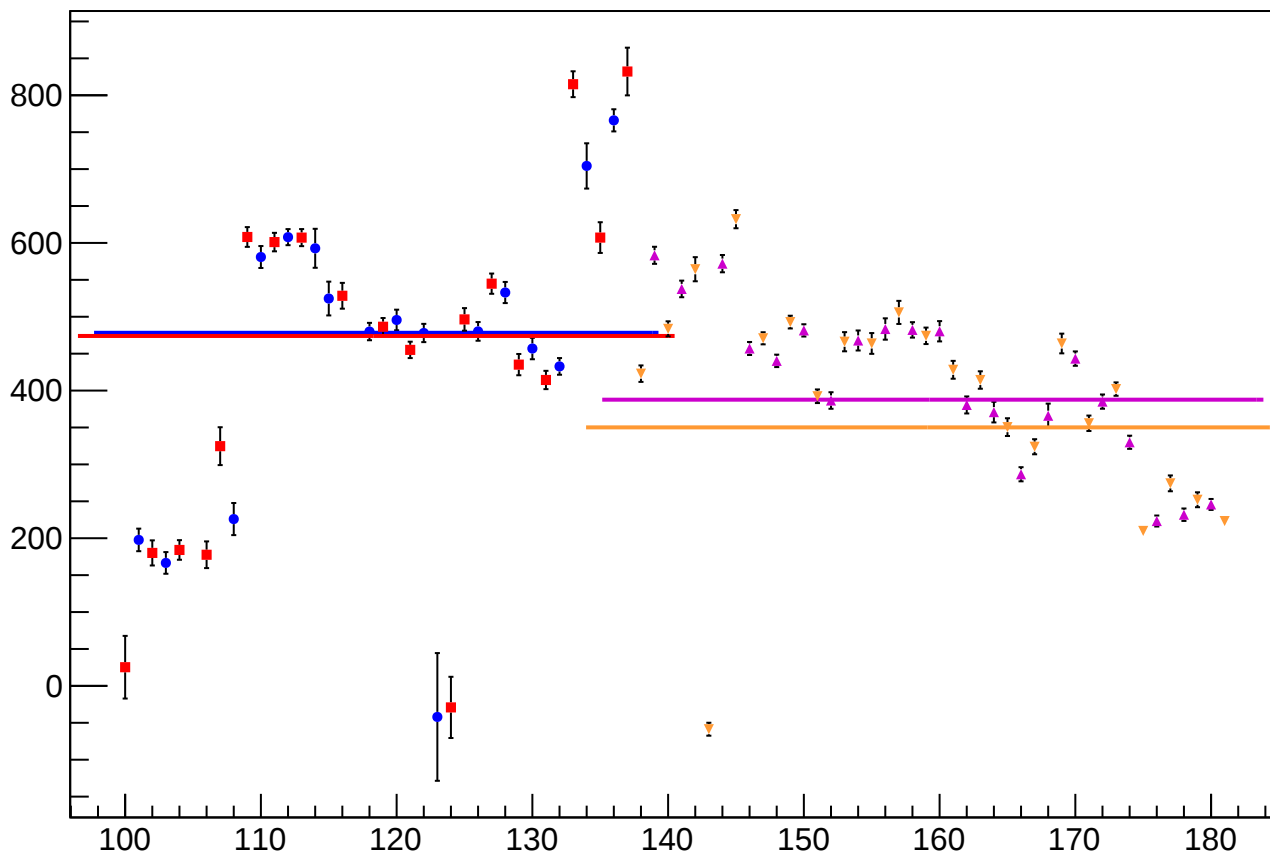
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -0.071 ± 1.249 χ^2/NDF : 554.6/37

Out: 1.187 ± 1.210 χ^2/NDF : 629.8/41

All: 0.578 ± 0.869 χ^2/NDF : 1185.0/79

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 350.155+/-2.082 χ^2/NDF : 5186.6/22

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 387.670+/-2.192 χ^2/NDF : 2529.9/20

Left: 367.944+/-1.509 χ^2/NDF : 7870.6/43

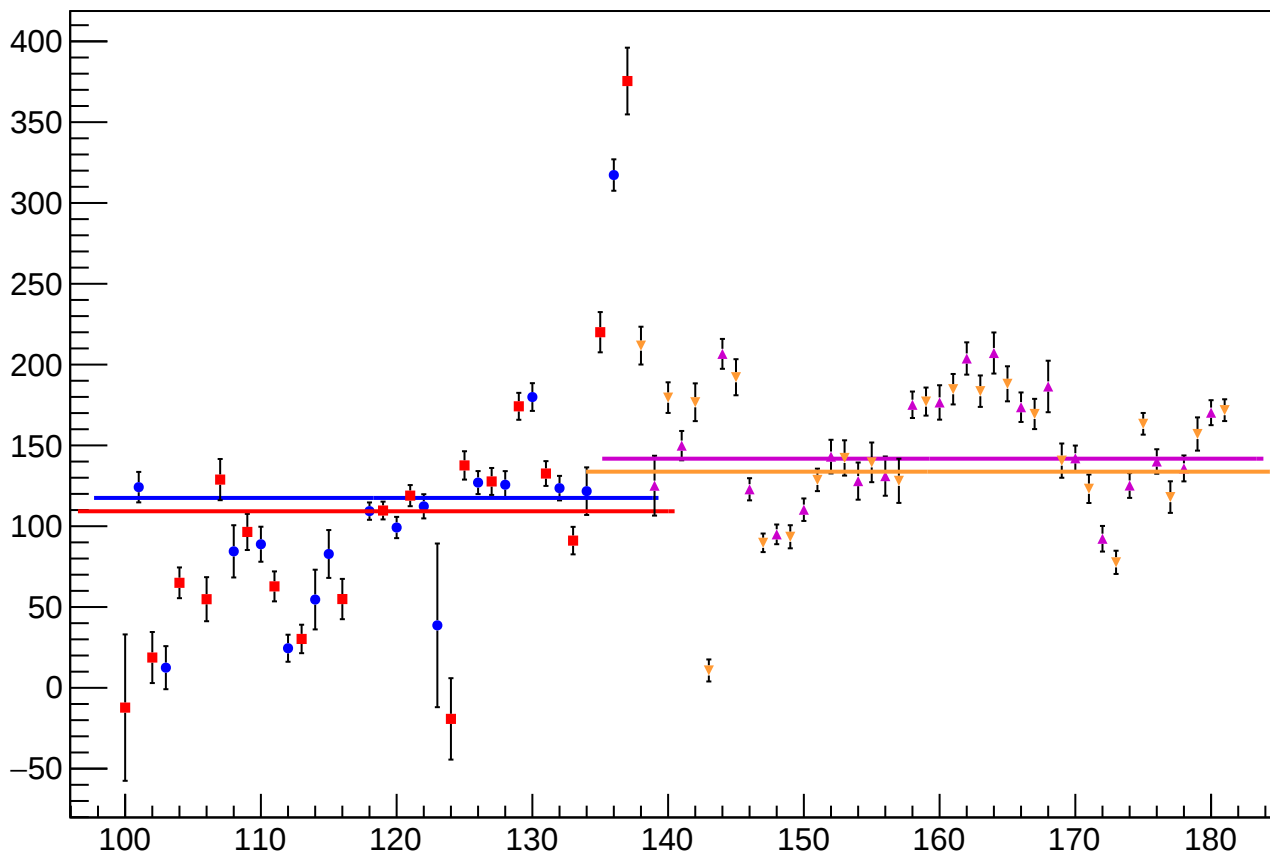
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 411.798+/-1.878 χ^2/NDF : 4612.8/37

Out: 382.115+/-1.793 χ^2/NDF : 8388.3/41

All: 396.273+/-1.297 χ^2/NDF : 13131.8/79

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: 133.750 $\pm$ 1.806 χ^2 /NDF: 768.5/22

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 141.784 $\pm$ 1.911 χ^2 /NDF: 310.4/20

Left: 137.540 $\pm$ 1.313 χ^2 /NDF: 1088.2/43

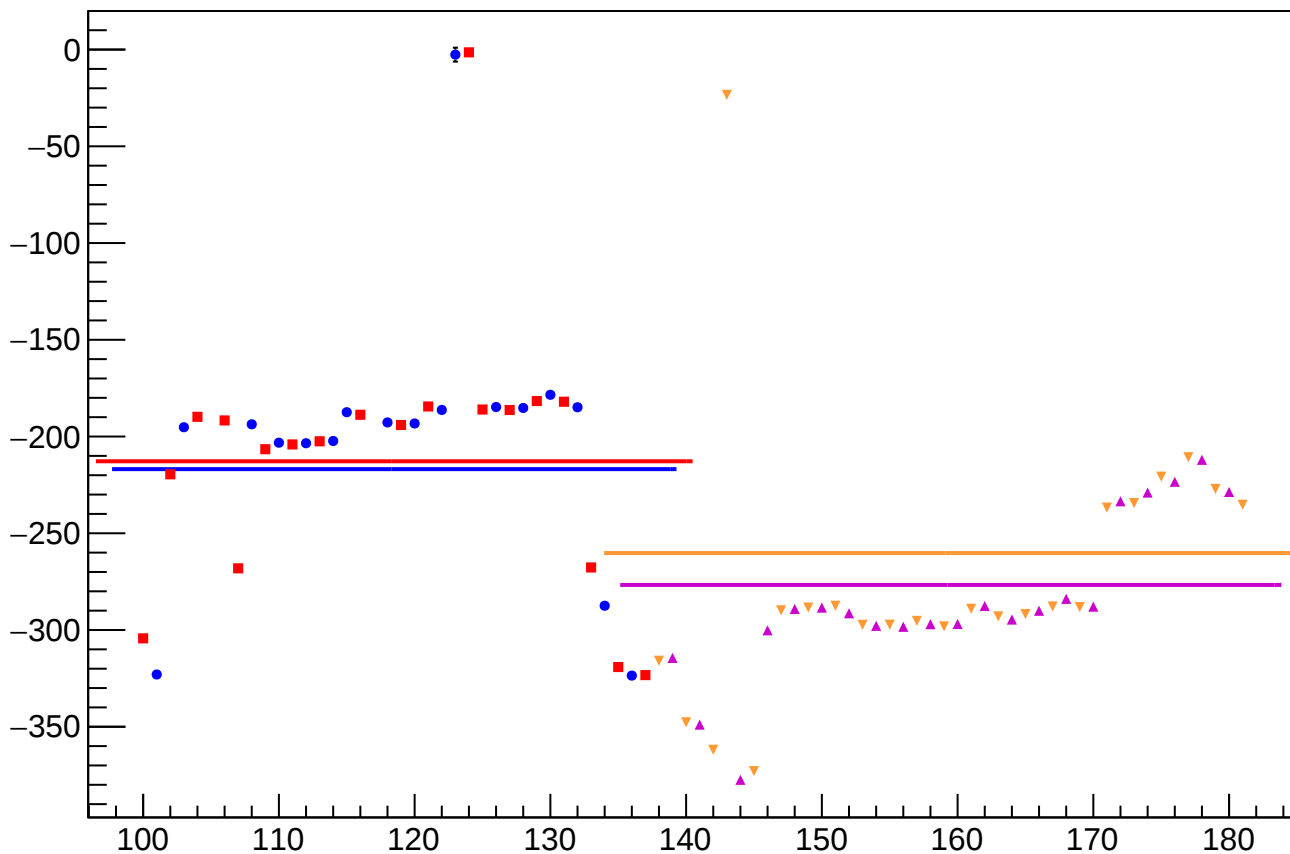
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 131.329 $\pm$ 1.442 χ^2 /NDF: 1085.9/37

Out: 123.917 $\pm$ 1.397 χ^2 /NDF: 1411.8/41

All: 127.506 $\pm$ 1.003 χ^2 /NDF: 2511.3/79

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -260.217+/-0.087 χ^2/NDF : 696668.4/22

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -276.708+/-0.089 χ^2/NDF : 197291.4/20

Left: -268.206+/-0.062 χ^2/NDF : 911527.5/43

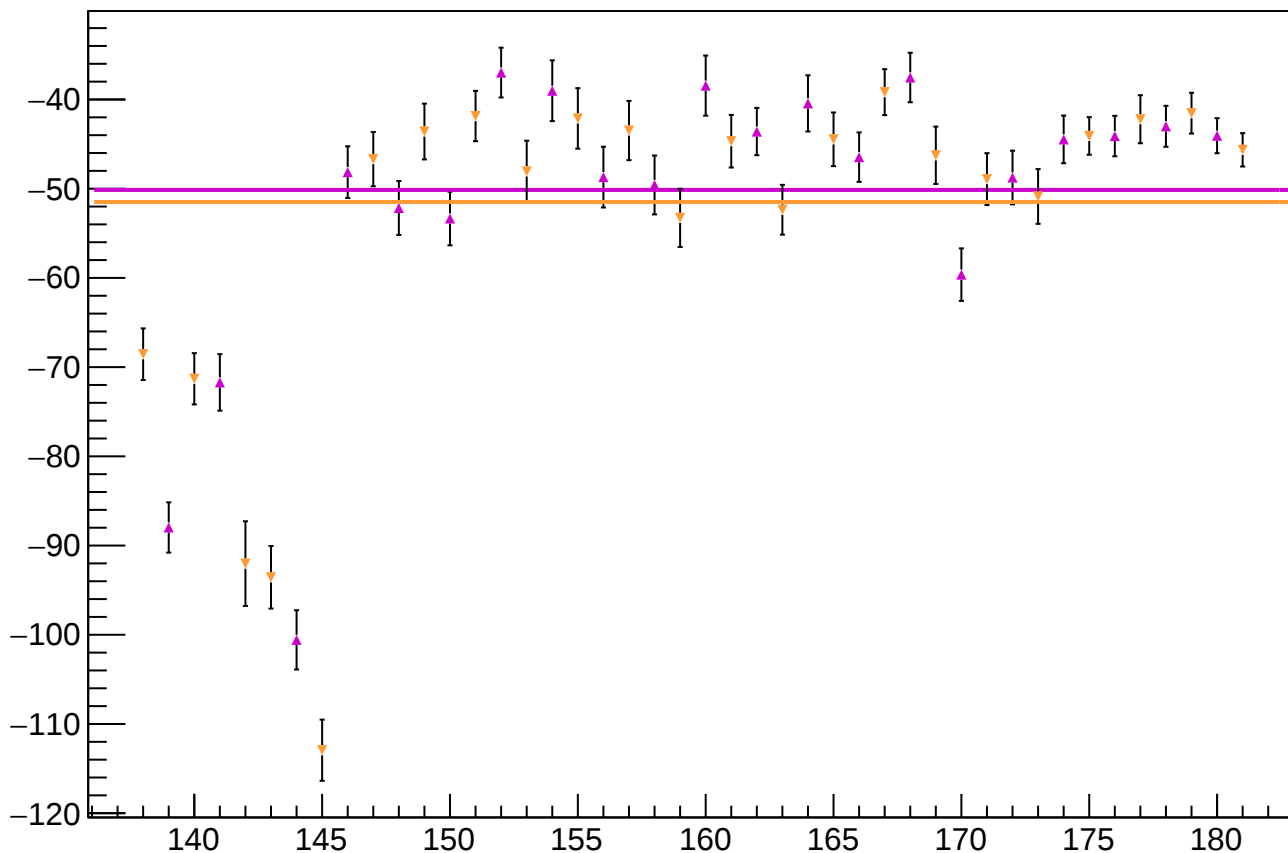
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -258.641+/-0.075 χ^2/NDF : 479720.7/37

Out: -245.652+/-0.072 χ^2/NDF : 905372.4/41

All: -251.920+/-0.052 χ^2/NDF : 1400764.0/79

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: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -50.137 ± 0.614 $\chi^2/\text{NDF}: 583.9/20$

Left: -50.831 ± 0.428 $\chi^2/\text{NDF}: 1332.3/43$

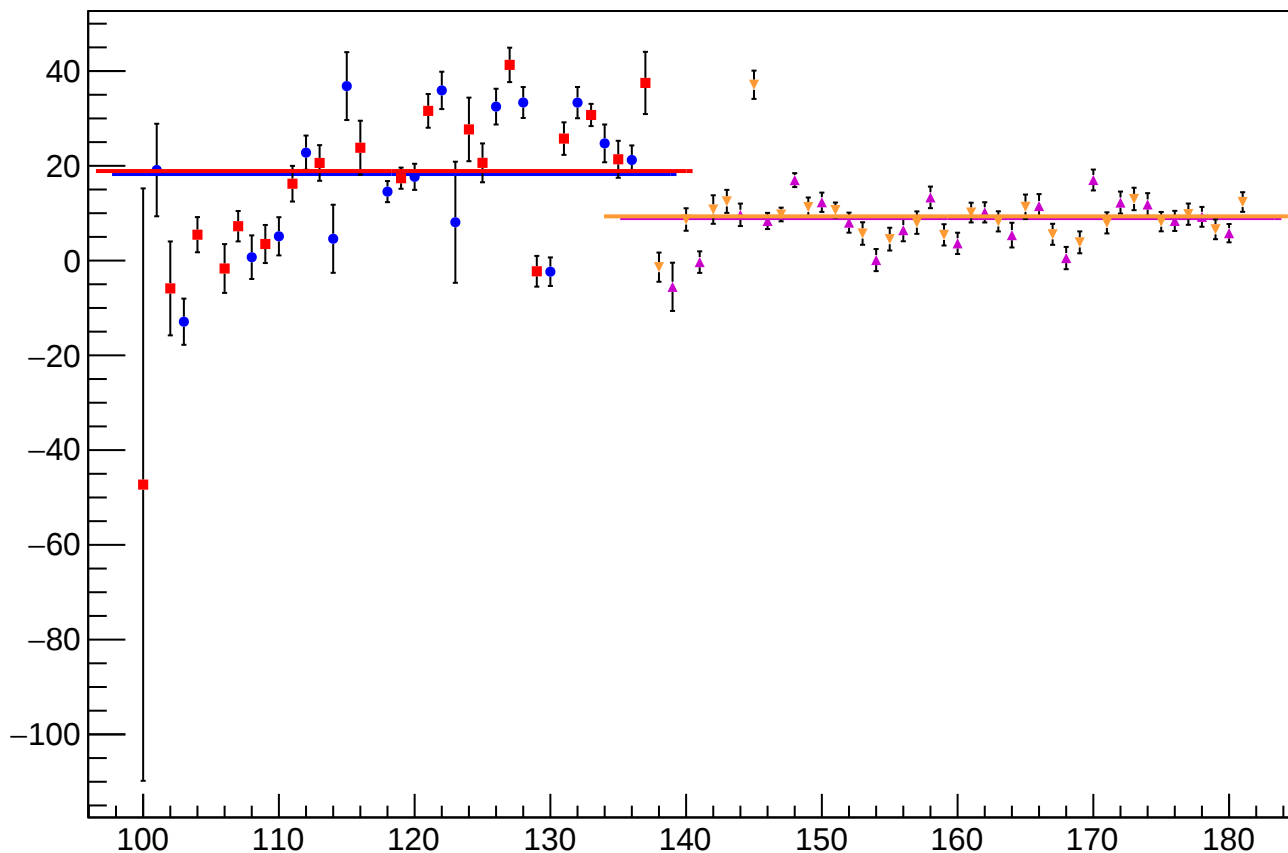
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -50.137 ± 0.614 $\chi^2/\text{NDF}: 583.9/20$

Out: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$

All: -50.831 ± 0.428 $\chi^2/\text{NDF}: 1332.3/43$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2 /NDF: 208.3/16

Left Out: 9.337+/-0.457 χ^2 /NDF:128.8/22

Right Out: 18.897+/-0.864 χ^2 /NDF: 199.2/18

Left In: 8.972+/-0.475 χ^2 /NDF:118.3/20

Left: 9.162+/-0.329 χ^2 /NDF: 247.4/43

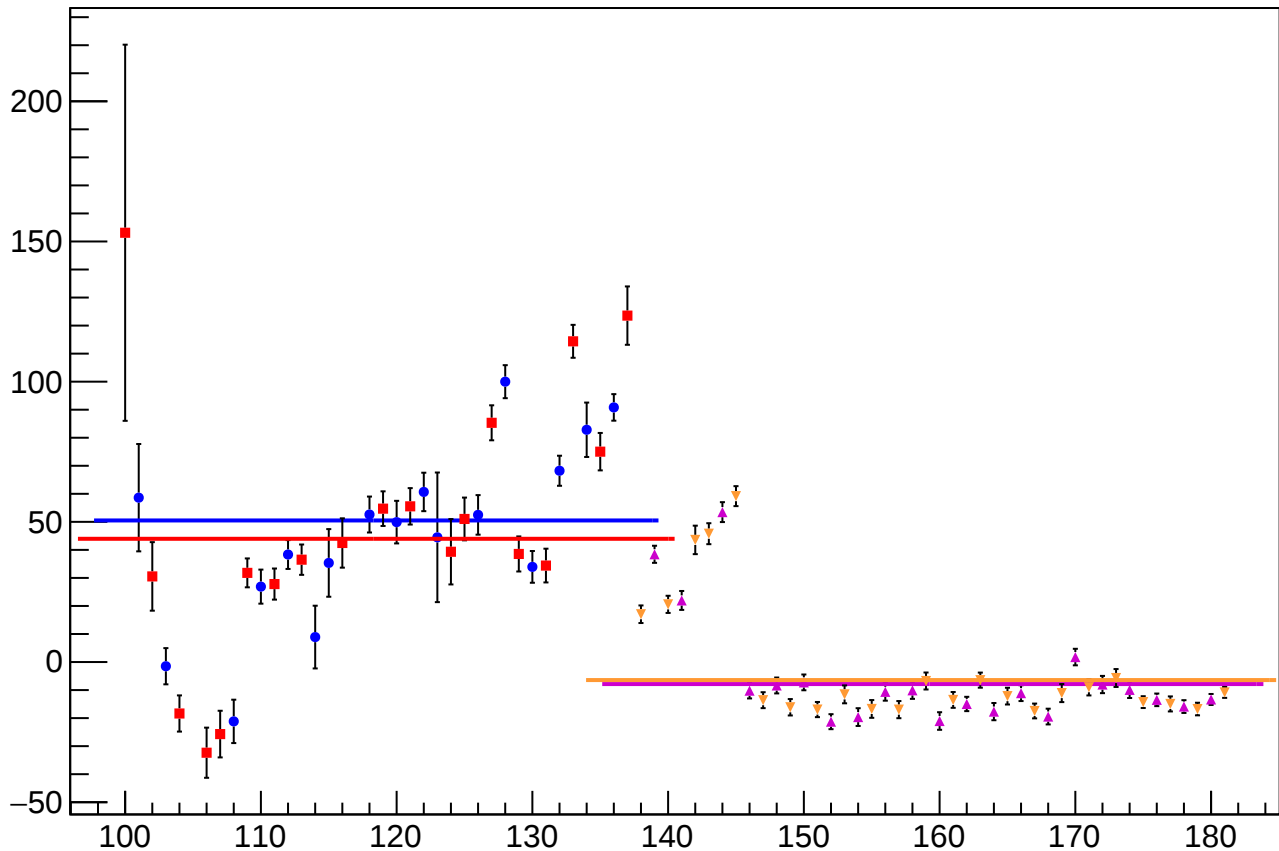
Right: 18.598+/-0.626 χ^2 /NDF: 407.8/35

In: 10.975+/-0.421 χ^2 /NDF:409.1/37

Out: 11.427+/-0.404 χ^2 /NDF:423.7/41

All: 11.210+/-0.291 χ^2 /NDF: 833.3/79

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: -6.433 ± 0.593 $\chi^2/\text{NDF}: 903.3/22$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -7.857 ± 0.607 $\chi^2/\text{NDF}: 739.8/20$

Left: -7.127 ± 0.424 $\chi^2/\text{NDF}: 1645.9/43$

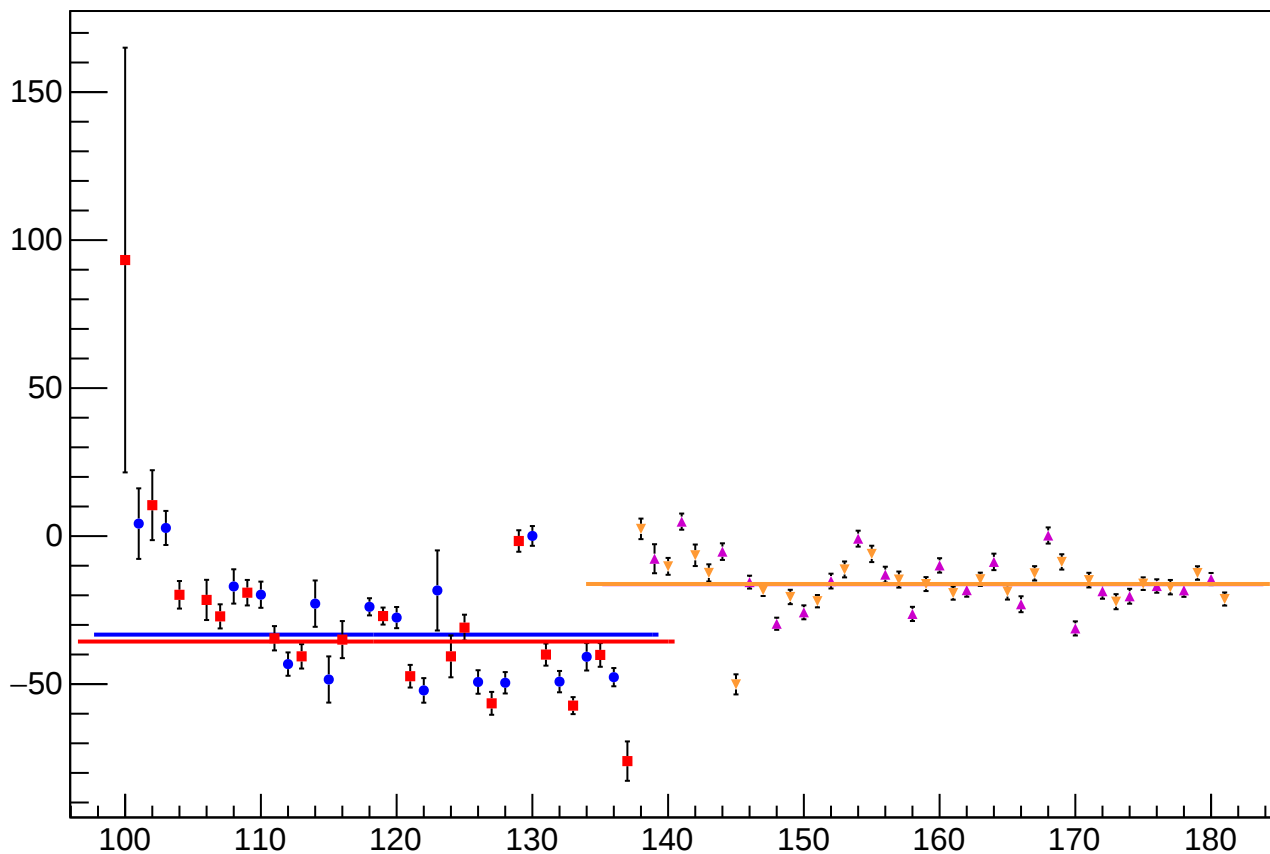
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: -1.046 ± 0.571 $\chi^2/\text{NDF}: 2180.3/37$

Out: -0.374 ± 0.556 $\chi^2/\text{NDF}: 2306.8/41$

All: -0.701 ± 0.398 $\chi^2/\text{NDF}: 4487.8/79$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.175 ± 0.521 $\chi^2/\text{NDF}: 198.5/22$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -16.242 ± 0.539 $\chi^2/\text{NDF}: 290.9/20$

Left: -16.207 ± 0.375 $\chi^2/\text{NDF}: 489.4/43$

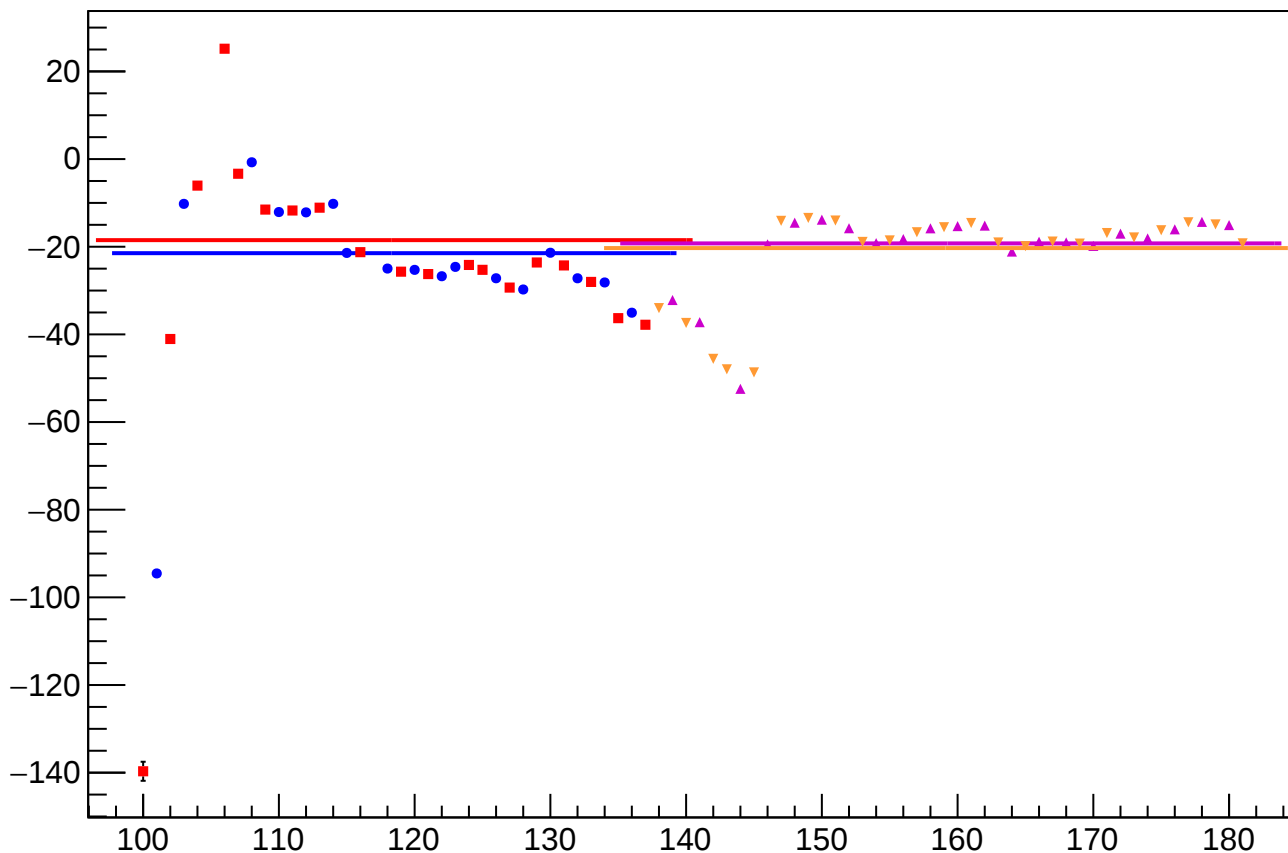
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -19.880 ± 0.478 $\chi^2/\text{NDF}: 797.0/37$

Out: -20.379 ± 0.462 $\chi^2/\text{NDF}: 787.1/41$

All: -20.138 ± 0.332 $\chi^2/\text{NDF}: 1584.7/79$

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: -20.306 ± 0.024 $\chi^2/\text{NDF}: 143173.9/22$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -19.239 ± 0.024 $\chi^2/\text{NDF}: 91951.2/20$

Left: -19.780 ± 0.017 $\chi^2/\text{NDF}: 236090.5/43$

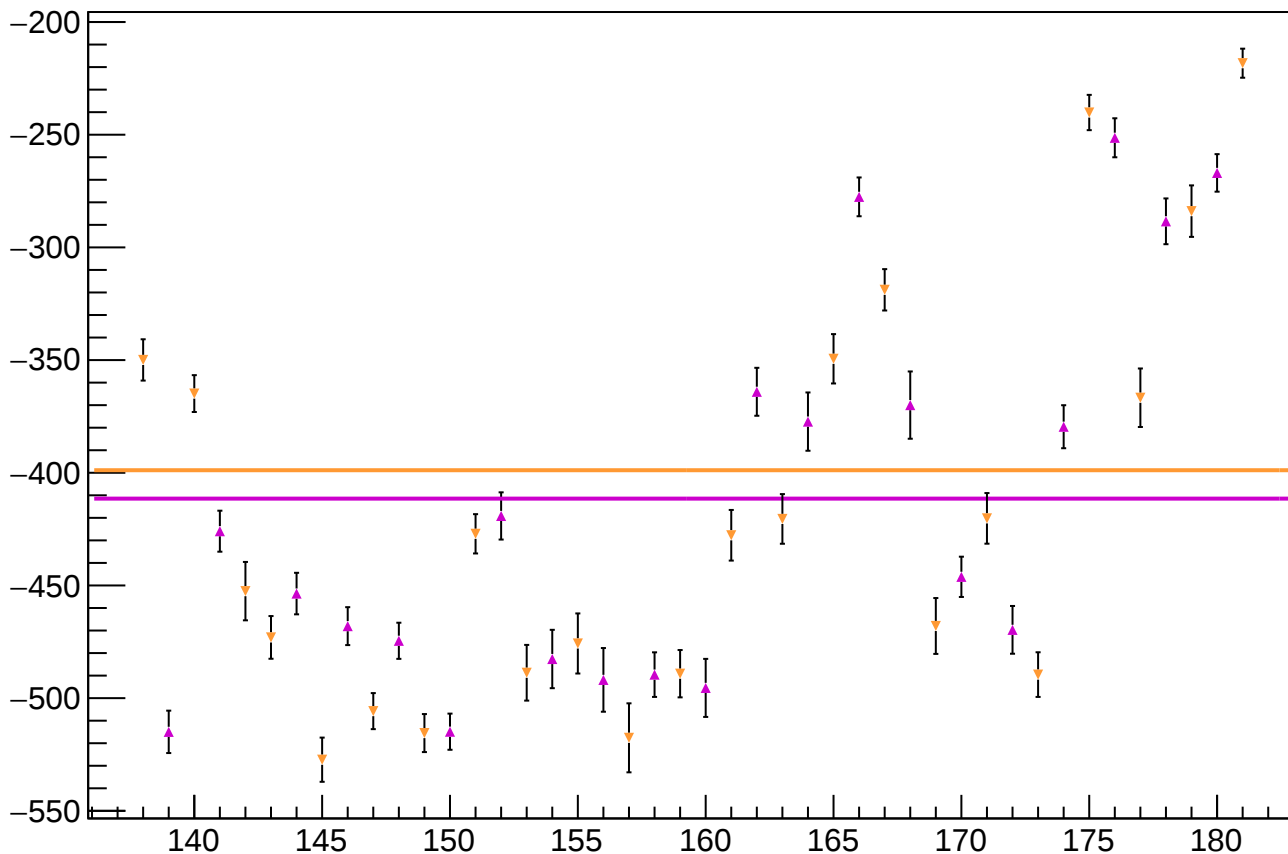
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -19.568 ± 0.023 $\chi^2/\text{NDF}: 142158.7/37$

Out: -20.034 ± 0.022 $\chi^2/\text{NDF}: 224721.1/41$

All: -19.805 ± 0.016 $\chi^2/\text{NDF}: 367096.3/79$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Left: -404.917+/-1.479 χ^2/NDF : 4152.0/43

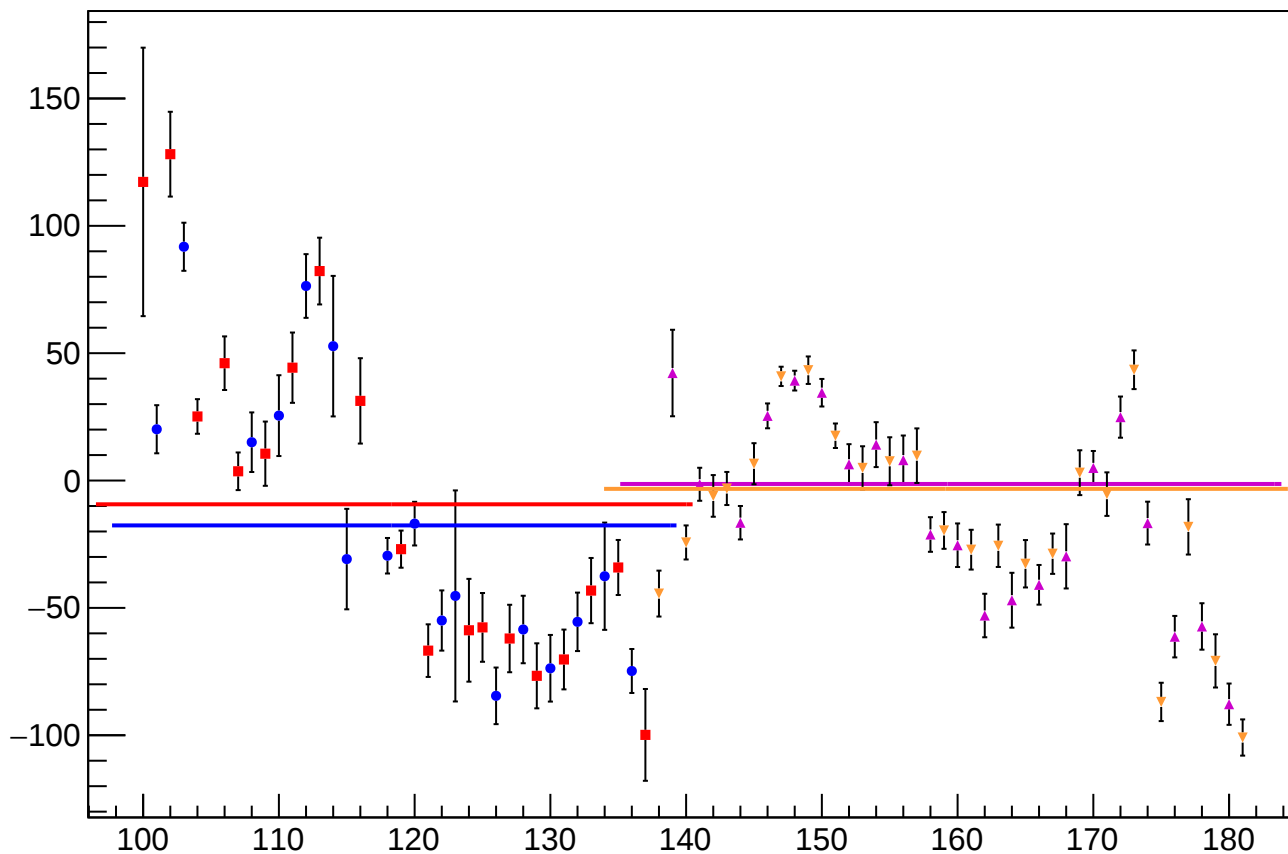
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

All: -404.917+/-1.479 χ^2/NDF : 4152.0/43

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -3.265 ± 1.497 $\chi^2/\text{NDF}: 701.5/22$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: -1.343 ± 1.567 $\chi^2/\text{NDF}: 522.2/20$

Left: -2.348 ± 1.082 $\chi^2/\text{NDF}: 1224.5/43$

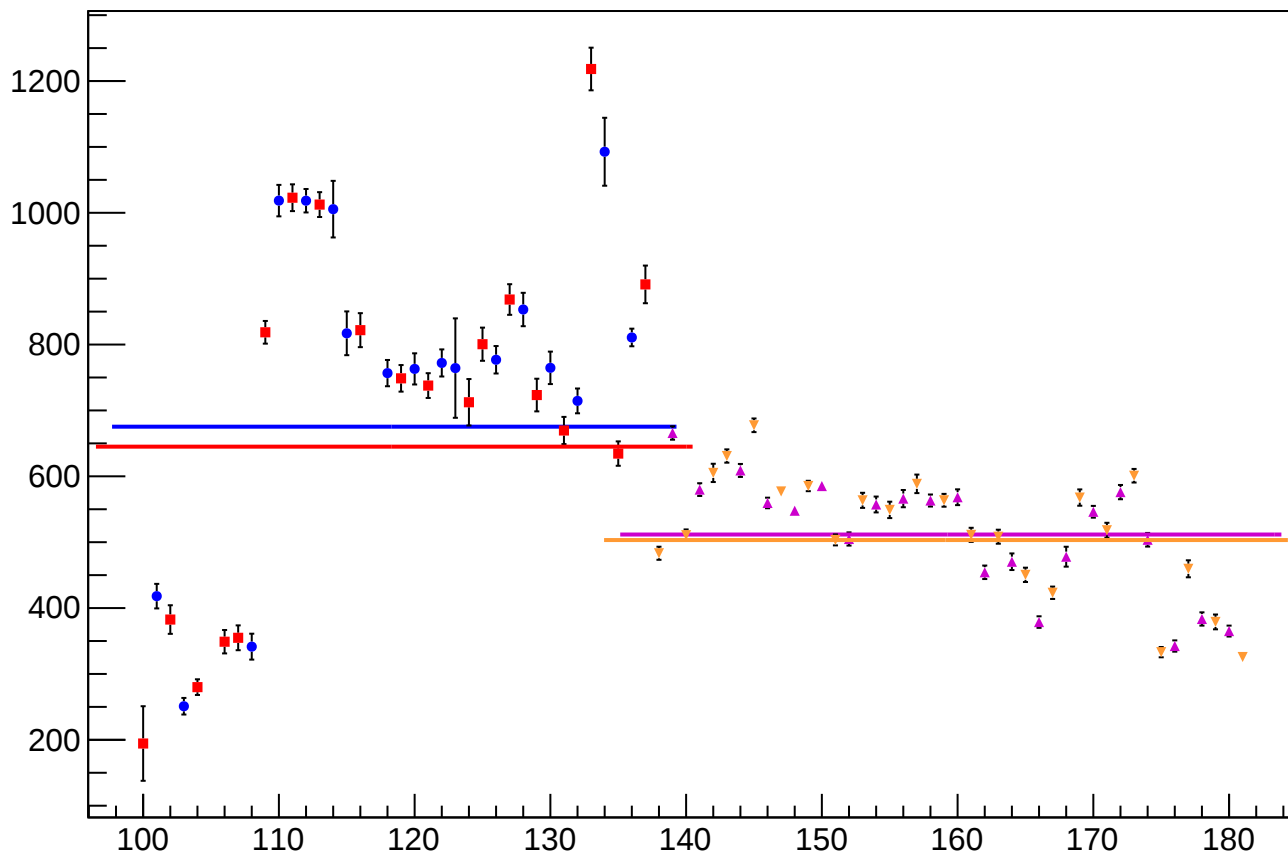
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -5.253 ± 1.366 $\chi^2/\text{NDF}: 910.1/37$

Out: -4.767 ± 1.298 $\chi^2/\text{NDF}: 1072.1/41$

All: -4.998 ± 0.941 $\chi^2/\text{NDF}: 1982.2/79$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 503.247+/-2.043 χ^2/NDF :2349.2/22

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 511.644+/-2.109 χ^2/NDF :1810.5/20

Left: 507.313+/-1.467 χ^2/NDF : 4167.8/43

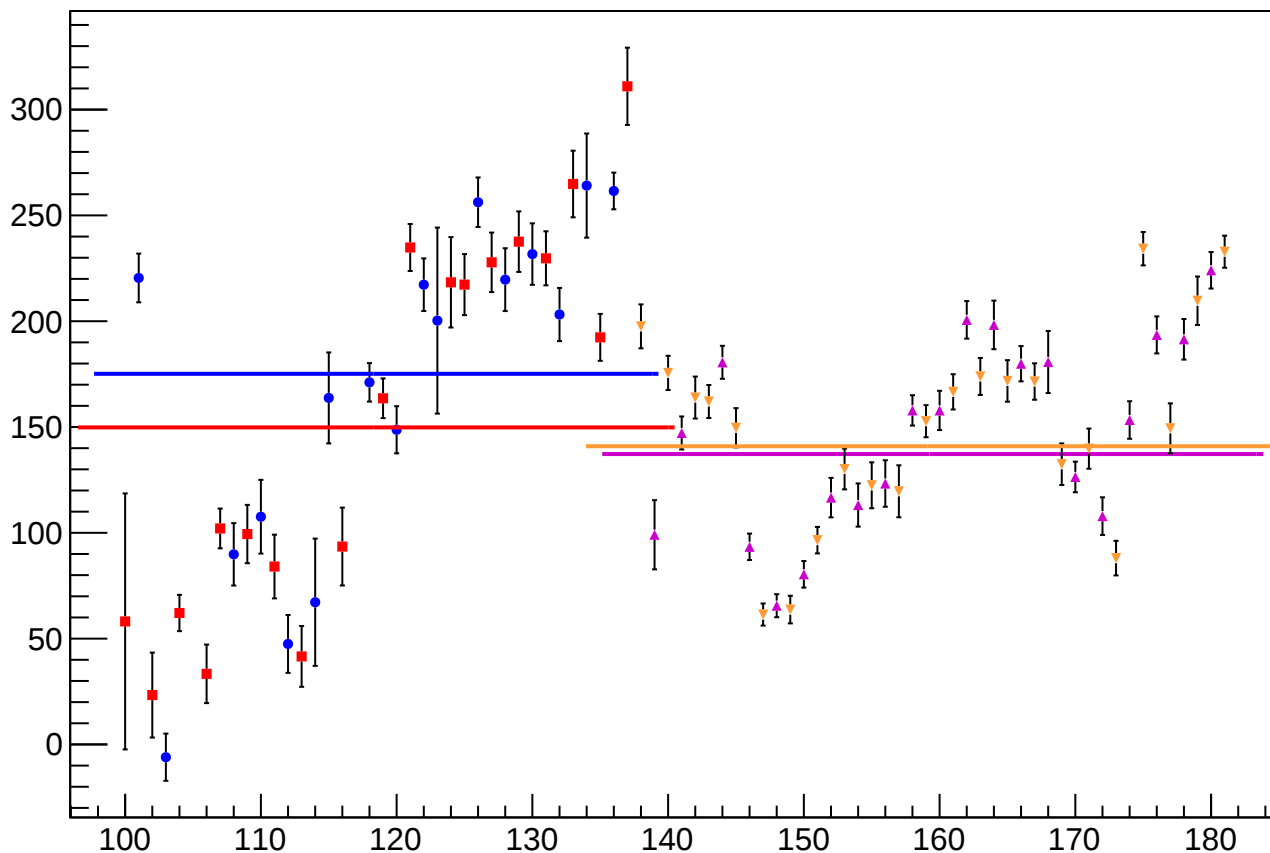
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 535.986+/-1.946 χ^2/NDF :5289.2/37

Out: 525.324+/-1.878 χ^2/NDF :6221.6/41

All: 530.465+/-1.351 χ^2/NDF : 11526.3/79

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: 140.911 $\pm$ 1.747 χ^2 /NDF:905.2/22

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 137.230 $\pm$ 1.816 χ^2 /NDF:674.0/20

Left: 139.142 $\pm$ 1.259 χ^2 /NDF: 1581.3/43

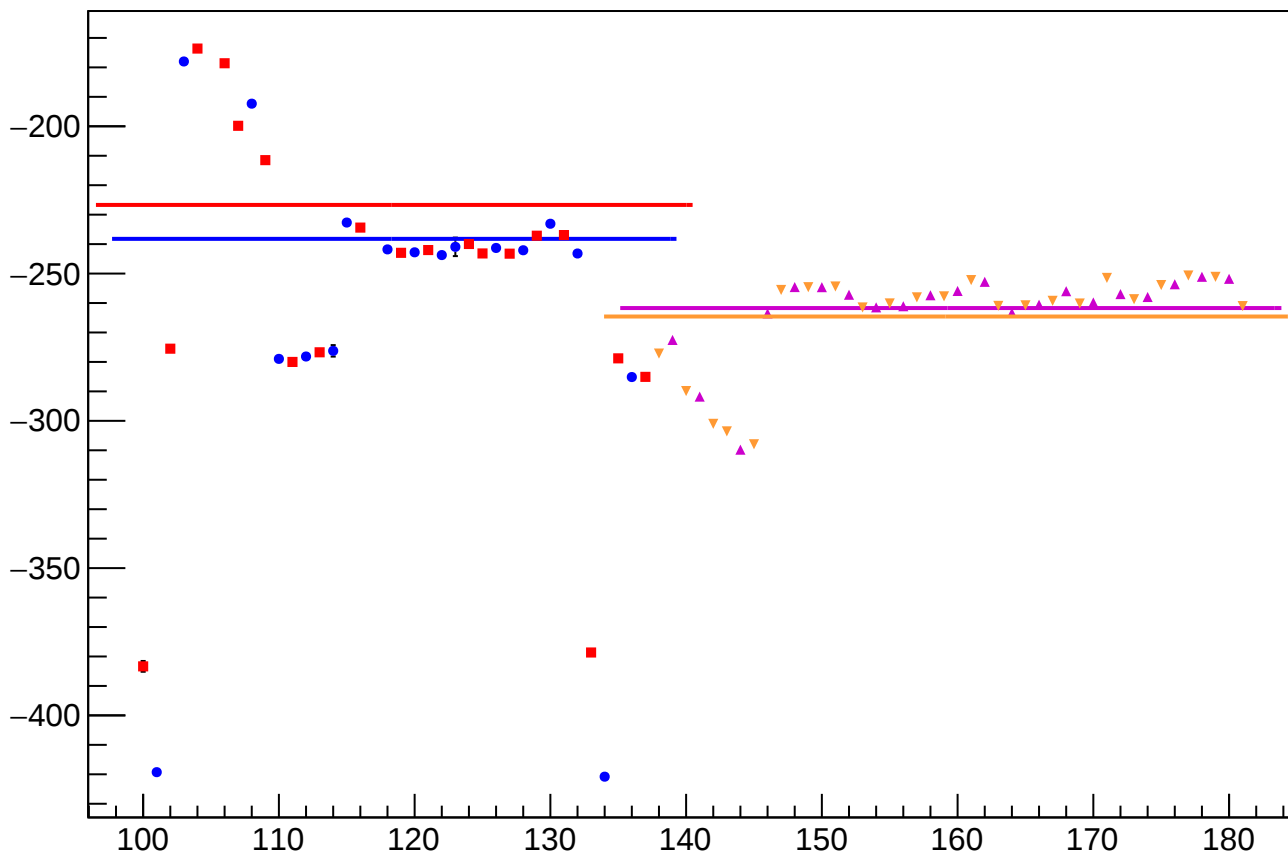
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 146.427 $\pm$ 1.581 χ^2 /NDF:1415.3/37

Out: 143.122 $\pm$ 1.515 χ^2 /NDF:1600.1/41

All: 144.704 $\pm$ 1.094 χ^2 /NDF: 3017.7/79

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -264.581 ± 0.084 $\chi^2/\text{NDF}: 38226.6/22$

Right Out: -226.696 ± 0.151 $\chi^2/\text{NDF}: 102814.8/18$

Left In: -261.708 ± 0.085 $\chi^2/\text{NDF}: 23152.2/20$

Left: -263.164 ± 0.060 $\chi^2/\text{NDF}: 61953.2/43$

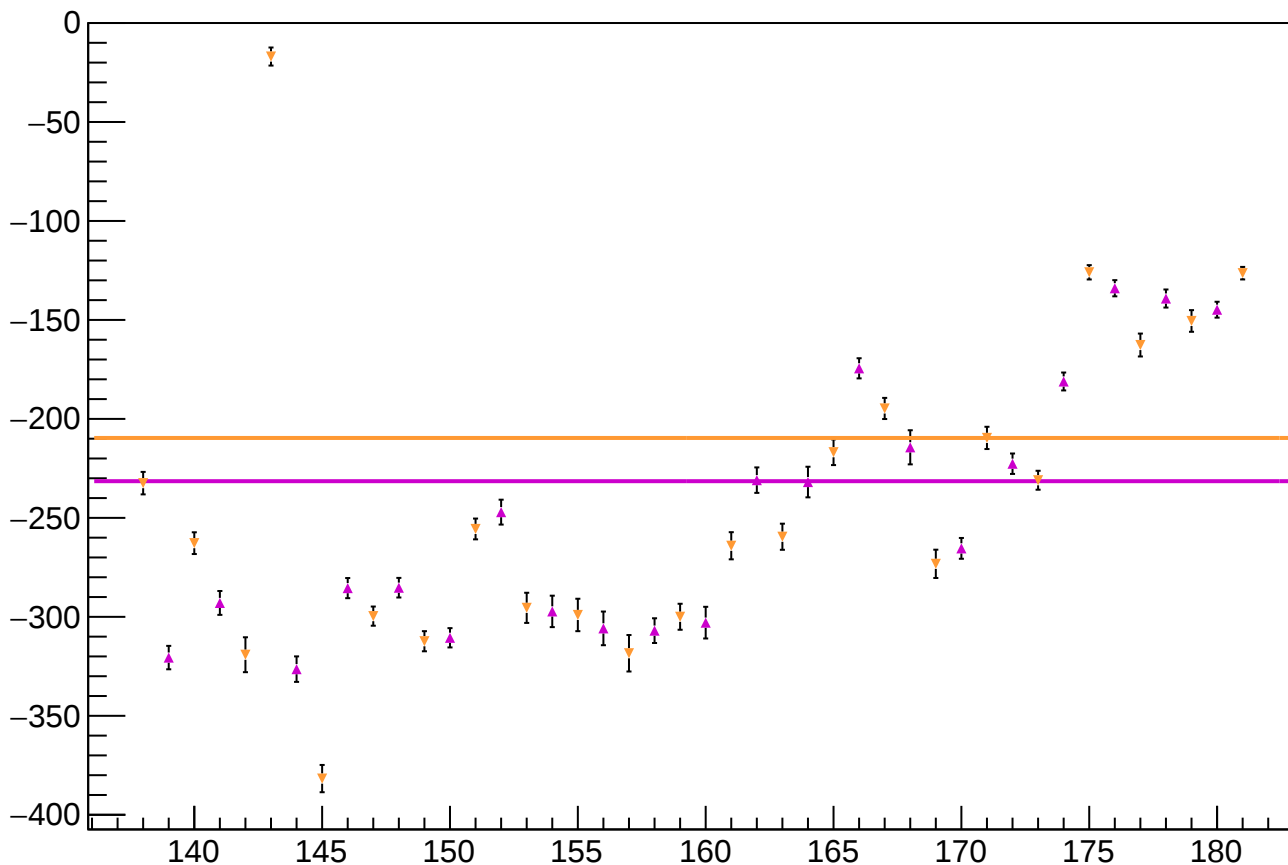
Right: -232.123 ± 0.110 $\chi^2/\text{NDF}: 272653.1/35$

In: -256.509 ± 0.075 $\chi^2/\text{NDF}: 207023.1/37$

Out: -255.603 ± 0.074 $\chi^2/\text{NDF}: 189036.8/41$

All: -256.045 ± 0.053 $\chi^2/\text{NDF}: 396134.0/79$

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: -209.629+/-1.141 χ^2/NDF :5711.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.466+/-1.209 χ^2/NDF :3162.3/20

Left: -219.914+/-0.830 χ^2/NDF : 9046.2/43

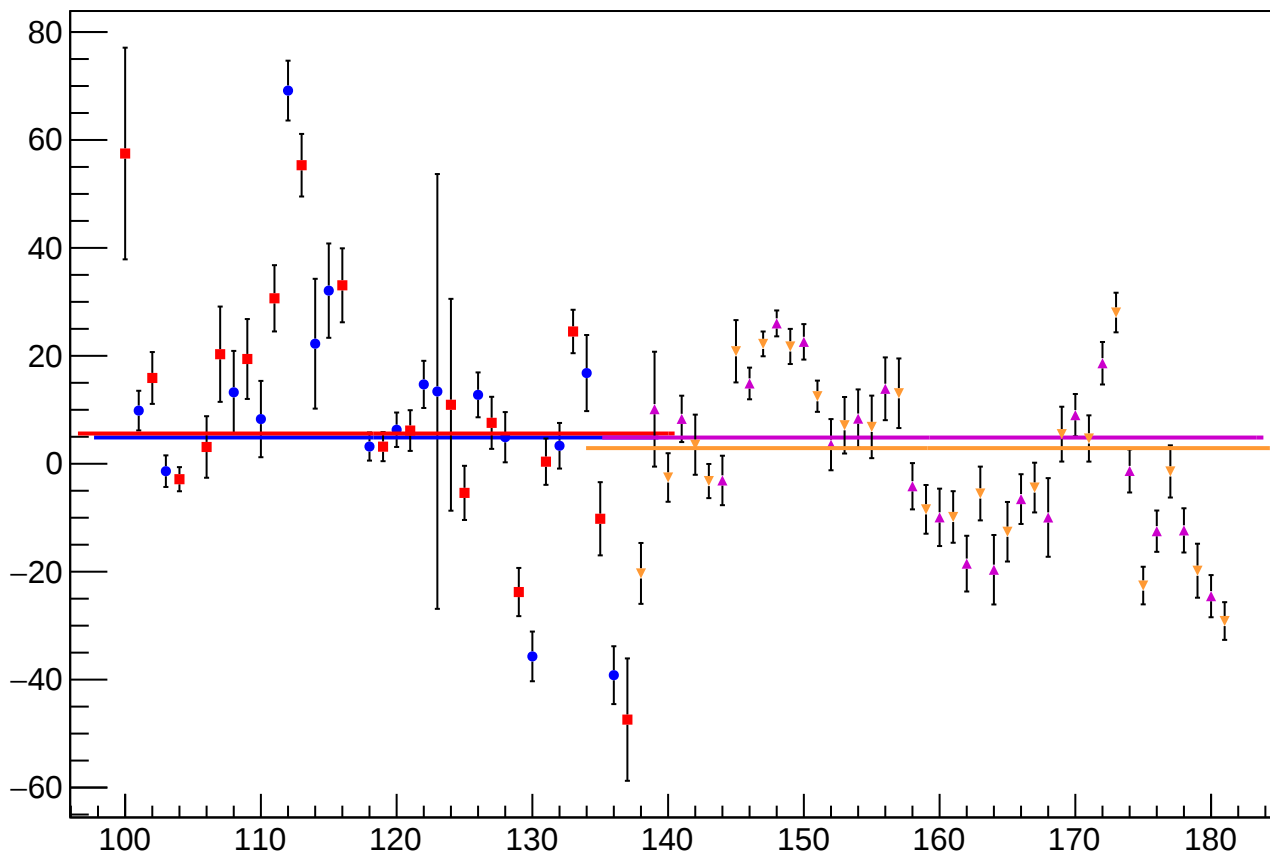
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.466+/-1.209 χ^2/NDF :3162.3/20

Out: -209.629+/-1.141 χ^2/NDF :5711.4/22

All: -219.914+/-0.830 χ^2/NDF : 9046.2/43

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 2.899 ± 0.856 χ^2/NDF : 383.7/22

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 4.857 ± 0.911 χ^2/NDF : 293.1/20

Left: 3.817 ± 0.624 χ^2/NDF : 679.2/43

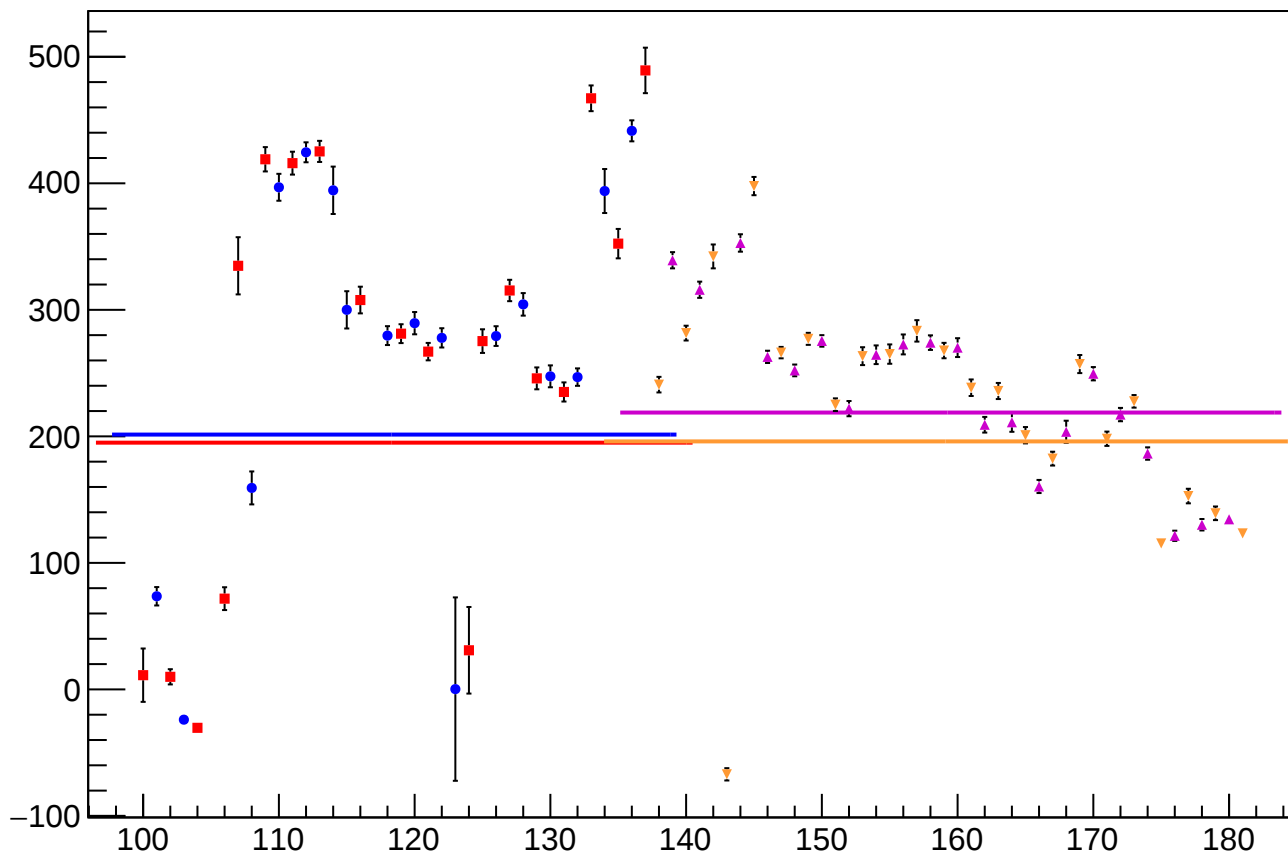
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 4.863 ± 0.699 χ^2/NDF : 604.6/37

Out: 3.956 ± 0.668 χ^2/NDF : 626.1/41

All: 4.389 ± 0.483 χ^2/NDF : 1231.6/79

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: 196.014 $\pm$ 1.140 χ^2 /NDF: 6548.3/22

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 218.818 $\pm$ 1.198 χ^2 /NDF: 3095.1/20

Left: 206.855 $\pm$ 0.826 χ^2 /NDF: 9833.6/43

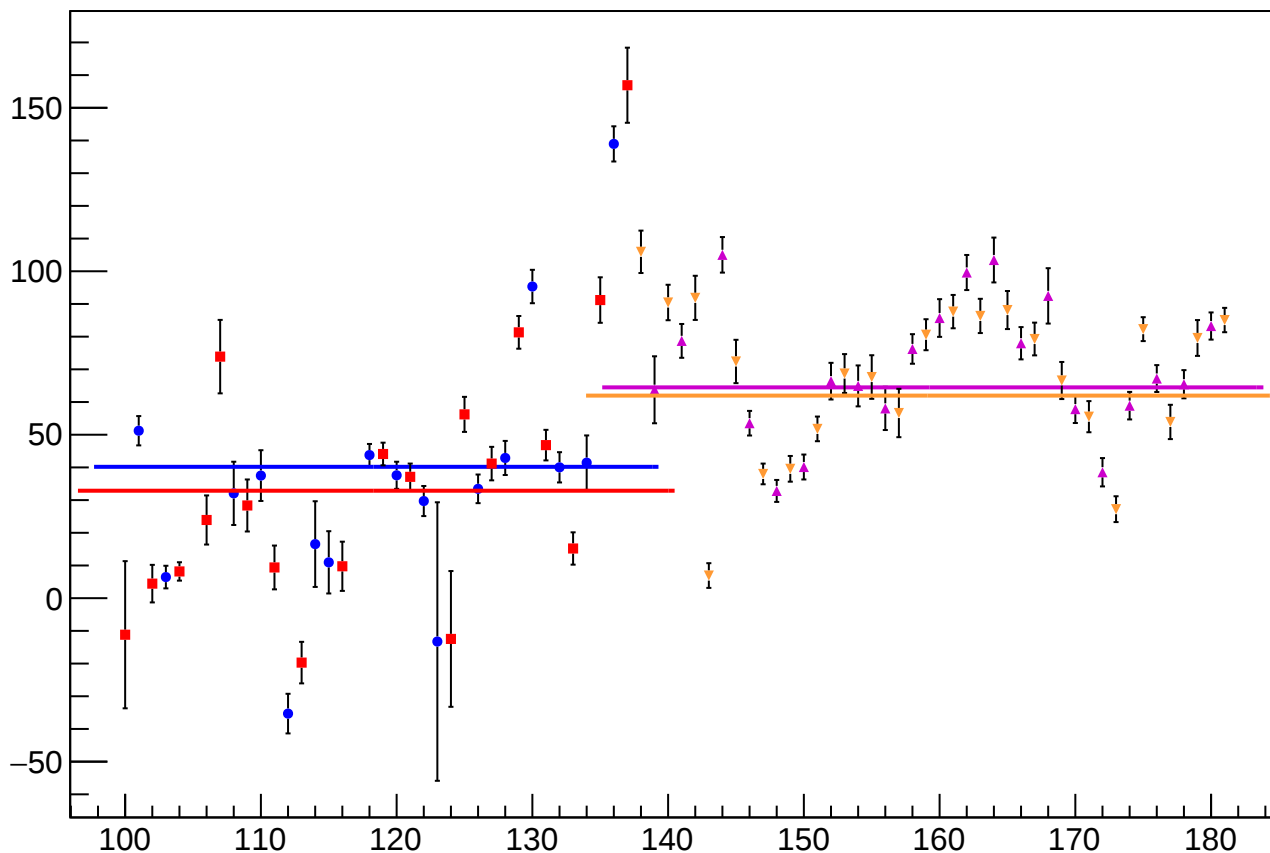
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 214.132 $\pm$ 1.024 χ^2 /NDF: 9892.4/37

Out: 195.756 $\pm$ 0.981 χ^2 /NDF: 14803.2/41

All: 204.549 $\pm$ 0.708 χ^2 /NDF: 24863.5/79

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: 61.966 $\pm$ 0.990 χ^2 /NDF:664.0/22

Right Out: 32.873 $\pm$ 1.251 χ^2 /NDF: 551.0/18

Left In: 64.484 $\pm$ 1.046 χ^2 /NDF:377.2/20

Left: 63.156 $\pm$ 0.719 χ^2 /NDF: 1044.2/43

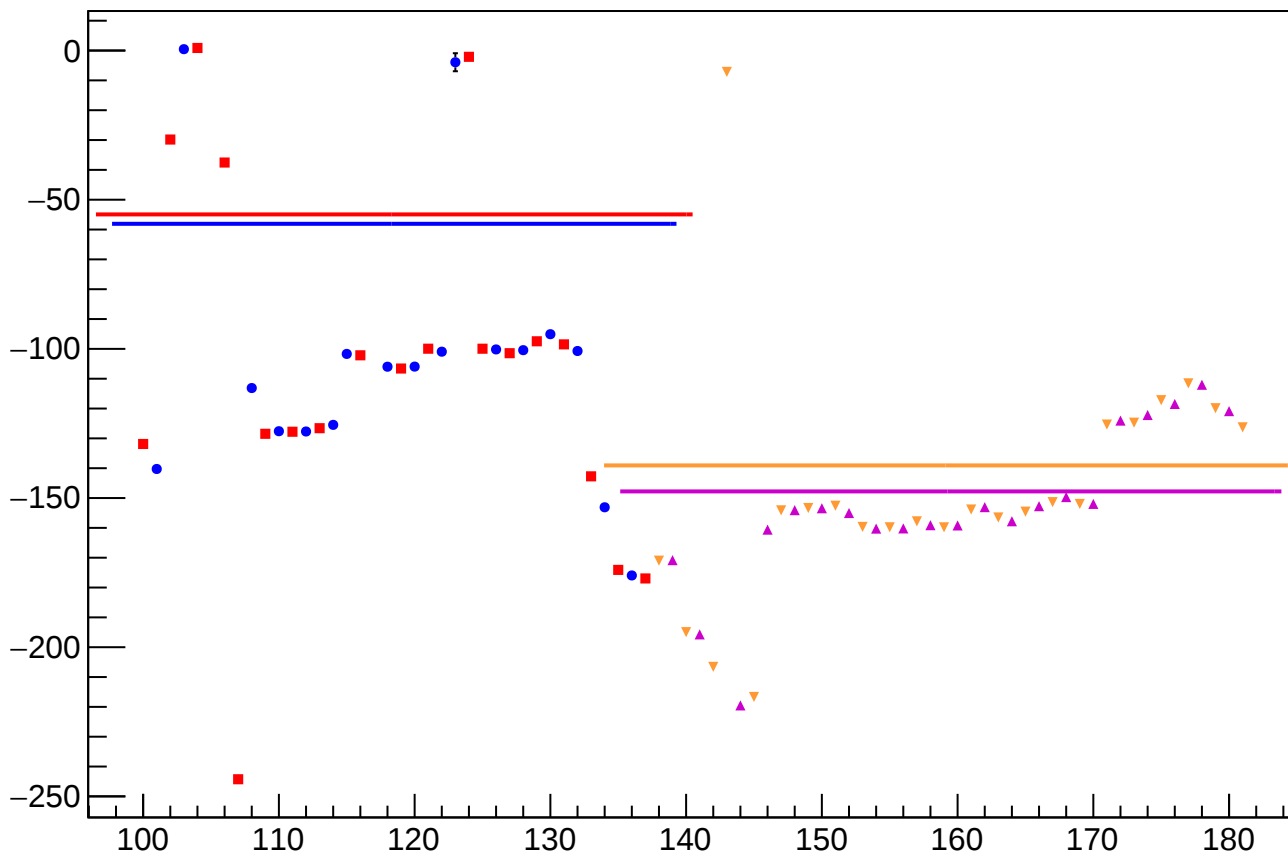
Right: 36.473 $\pm$ 0.891 χ^2 /NDF: 1301.8/35

In: 54.663 $\pm$ 0.807 χ^2 /NDF:1329.4/37

Out: 50.764 $\pm$ 0.776 χ^2 /NDF:1547.7/41

All: 52.637 $\pm$ 0.559 χ^2 /NDF: 2889.2/79

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: -139.058 ± 0.047 $\chi^2/\text{NDF}: 736295.4/22$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -147.778 ± 0.049 $\chi^2/\text{NDF}: 227814.7/20$

Left: -143.289 ± 0.034 $\chi^2/\text{NDF}: 980536.5/43$

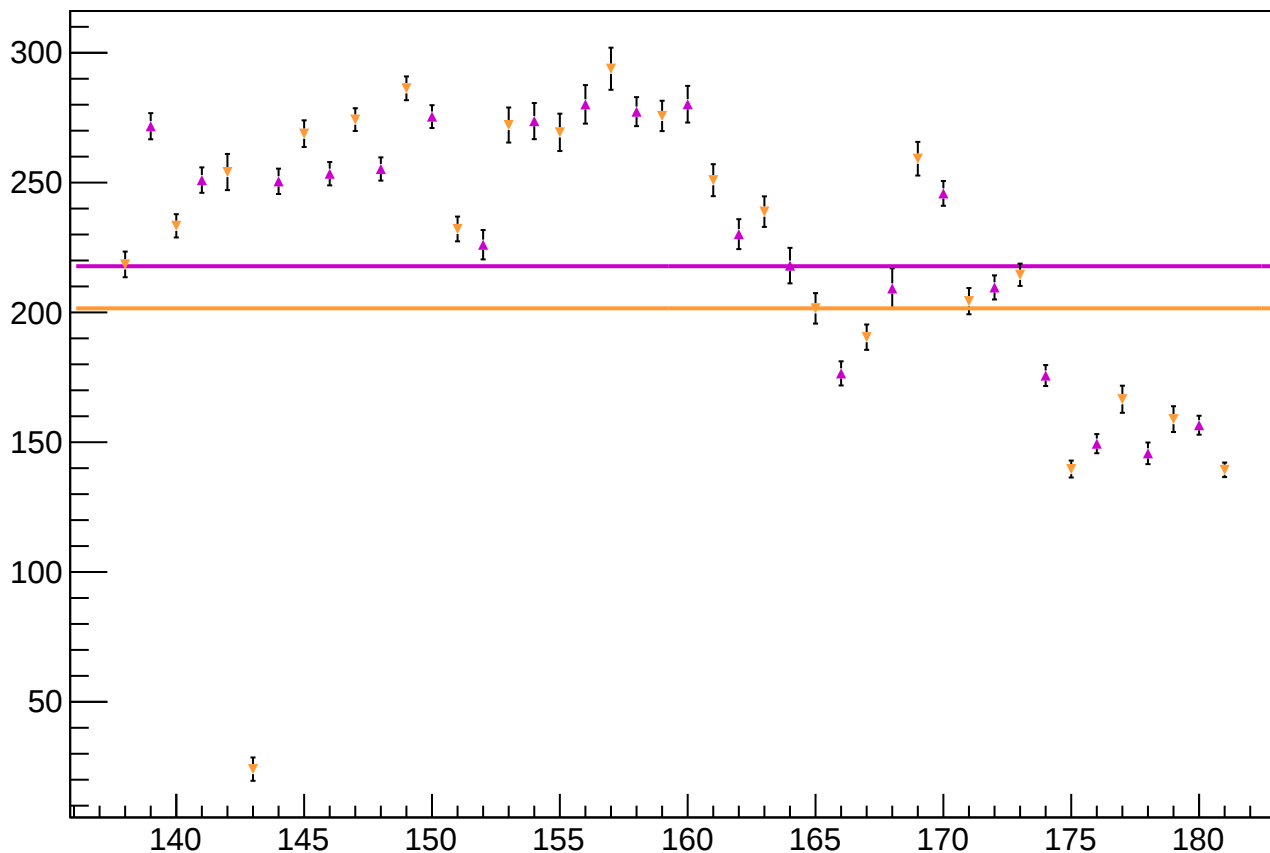
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -113.192 ± 0.038 $\chi^2/\text{NDF}: 2634266.3/37$

Out: -106.875 ± 0.037 $\chi^2/\text{NDF}: 2946024.2/41$

All: -109.948 ± 0.027 $\chi^2/\text{NDF}: 5594288.4/79$

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: 201.568+/-1.015 χ^2/NDF :4171.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 217.793+/-1.073 χ^2/NDF :1994.4/20

Left: 209.228+/-0.737 χ^2/NDF : 6286.7/43

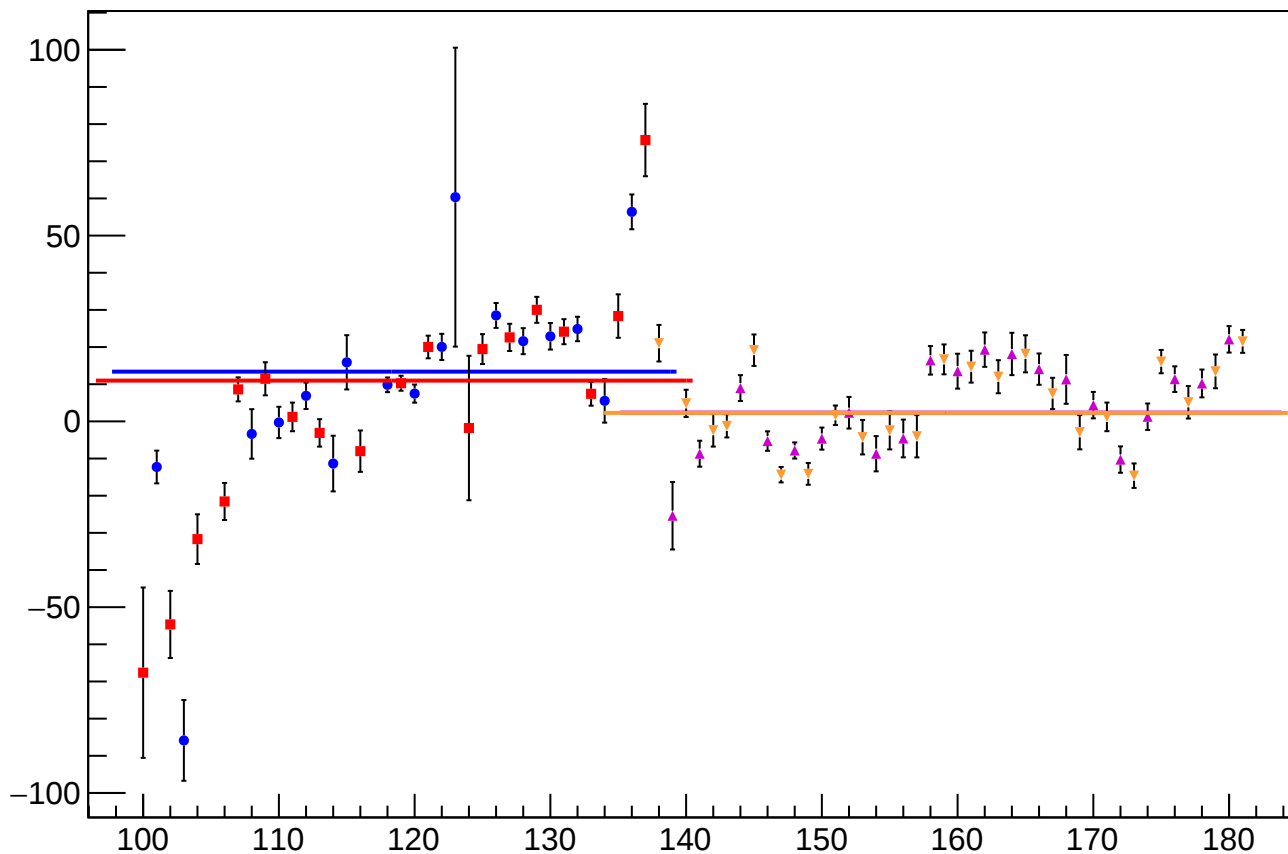
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.793+/-1.073 χ^2/NDF :1994.4/20

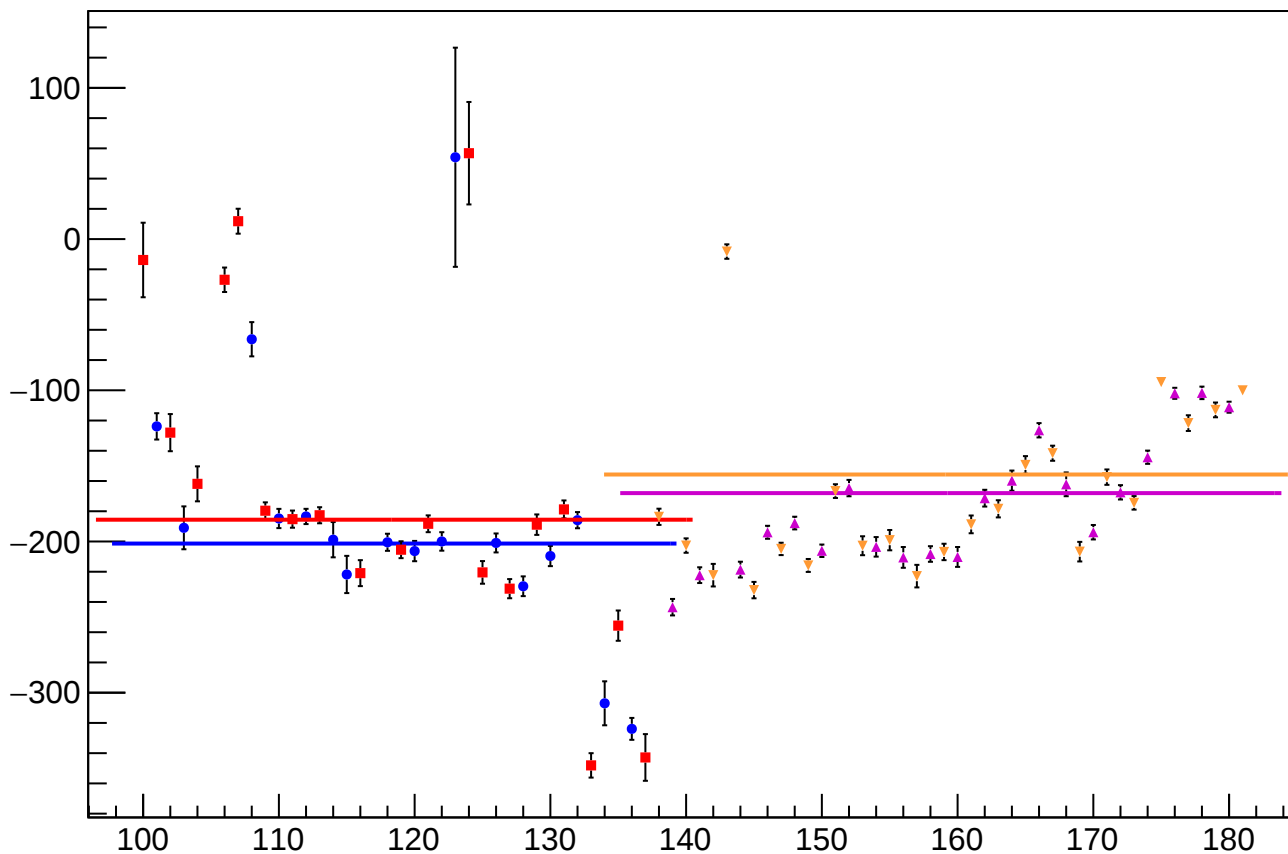
Out: 201.568+/-1.015 χ^2/NDF :4171.6/22

All: 209.228+/-0.737 χ^2/NDF : 6286.7/43

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -155.700 ± 1.015 χ^2/NDF : 2941.9/22

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -168.004 ± 1.064 χ^2/NDF : 1677.0/20

Left: -161.561 ± 0.735 χ^2/NDF : 4689.0/43

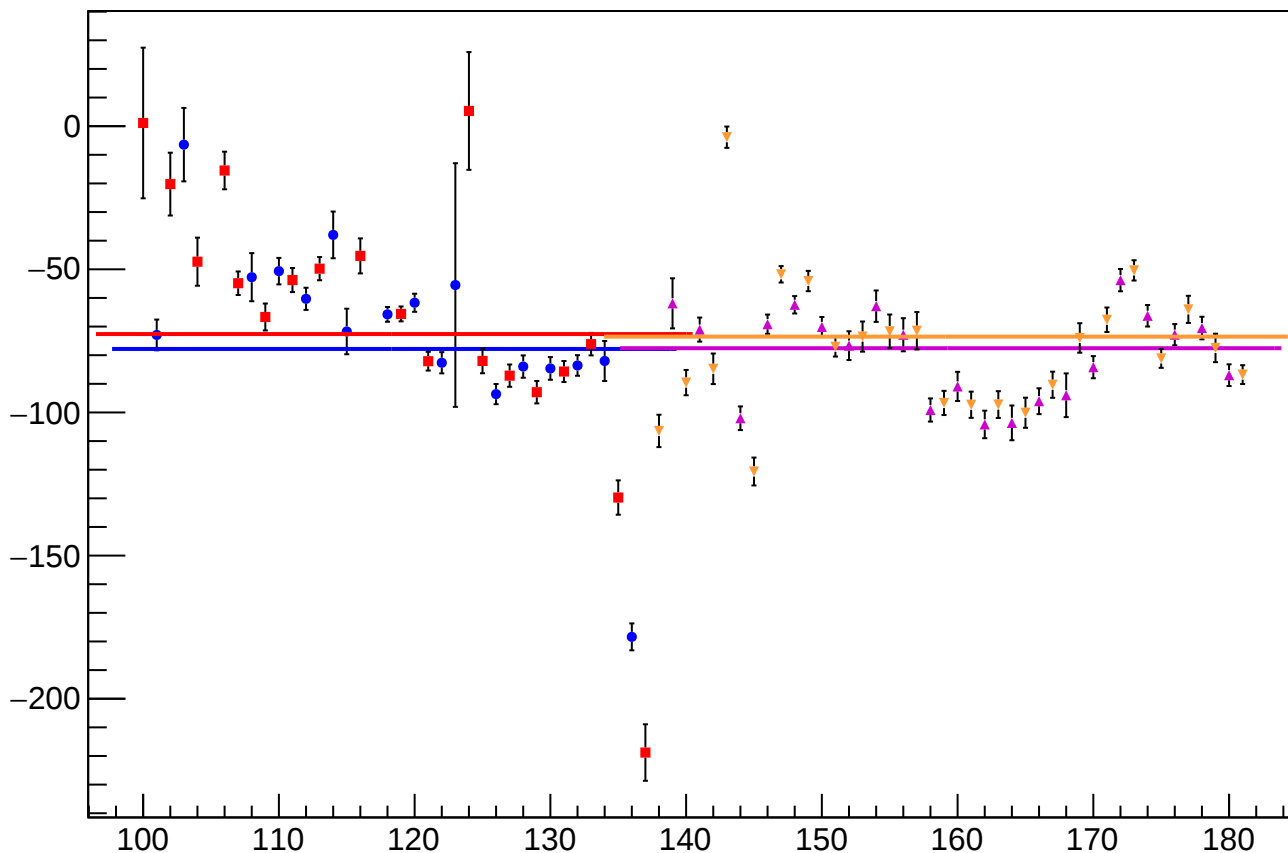
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -176.766 ± 0.914 χ^2/NDF : 2560.0/37

Out: -163.561 ± 0.871 χ^2/NDF : 4918.2/41

All: -169.849 ± 0.631 χ^2/NDF : 7587.5/79

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.517 ± 0.883 χ^2/NDF : 777.9/22

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.560 ± 0.929 χ^2/NDF : 250.5/20

Left: -75.436 ± 0.640 χ^2/NDF : 1038.4/43

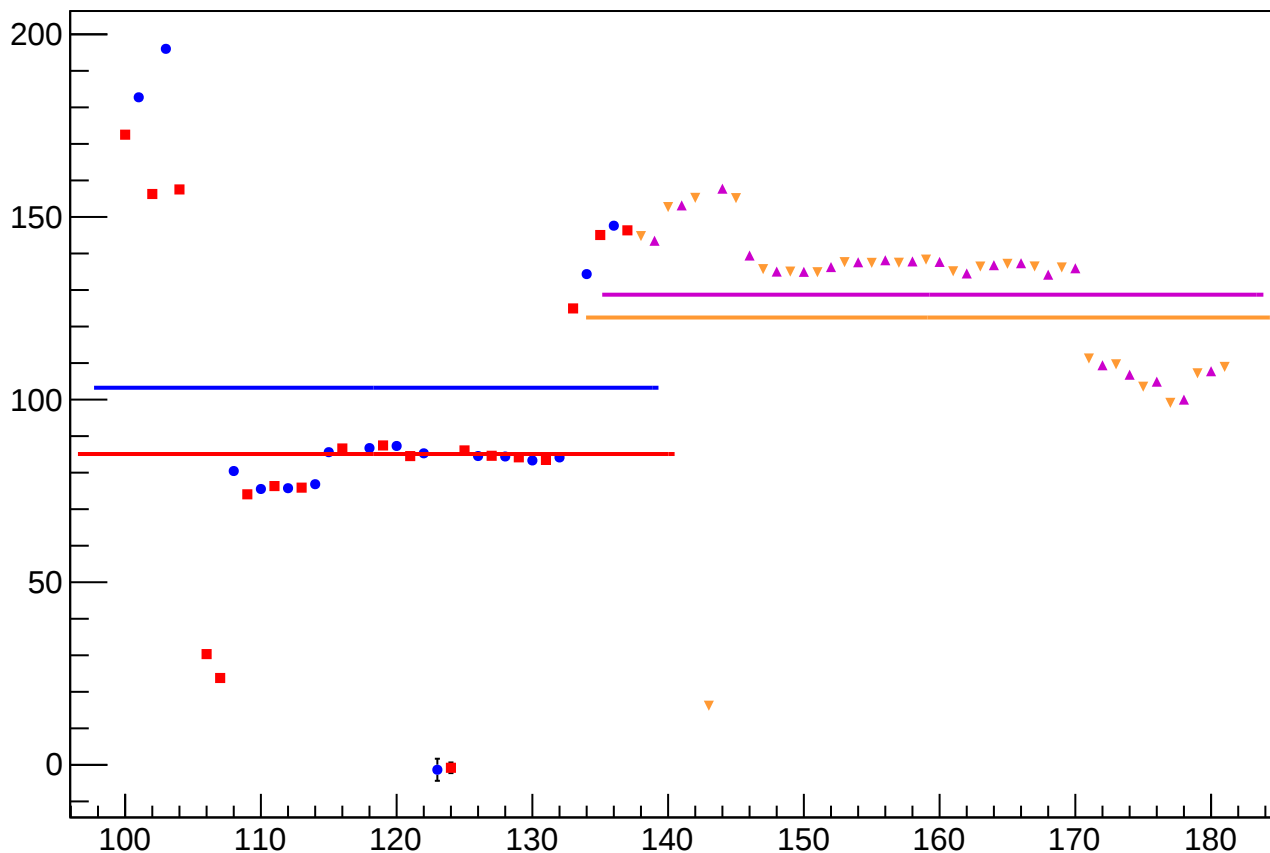
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.671 ± 0.701 χ^2/NDF : 906.9/37

Out: -73.145 ± 0.677 χ^2/NDF : 1385.2/41

All: -75.328 ± 0.487 χ^2/NDF : 2313.7/79

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: 122.472 $\pm$ 0.042 χ^2 /NDF: 474118.2/22

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 128.720 $\pm$ 0.043 χ^2 /NDF: 142848.0/20

Left: 125.512 $\pm$ 0.030 χ^2 /NDF: 627646.4/43

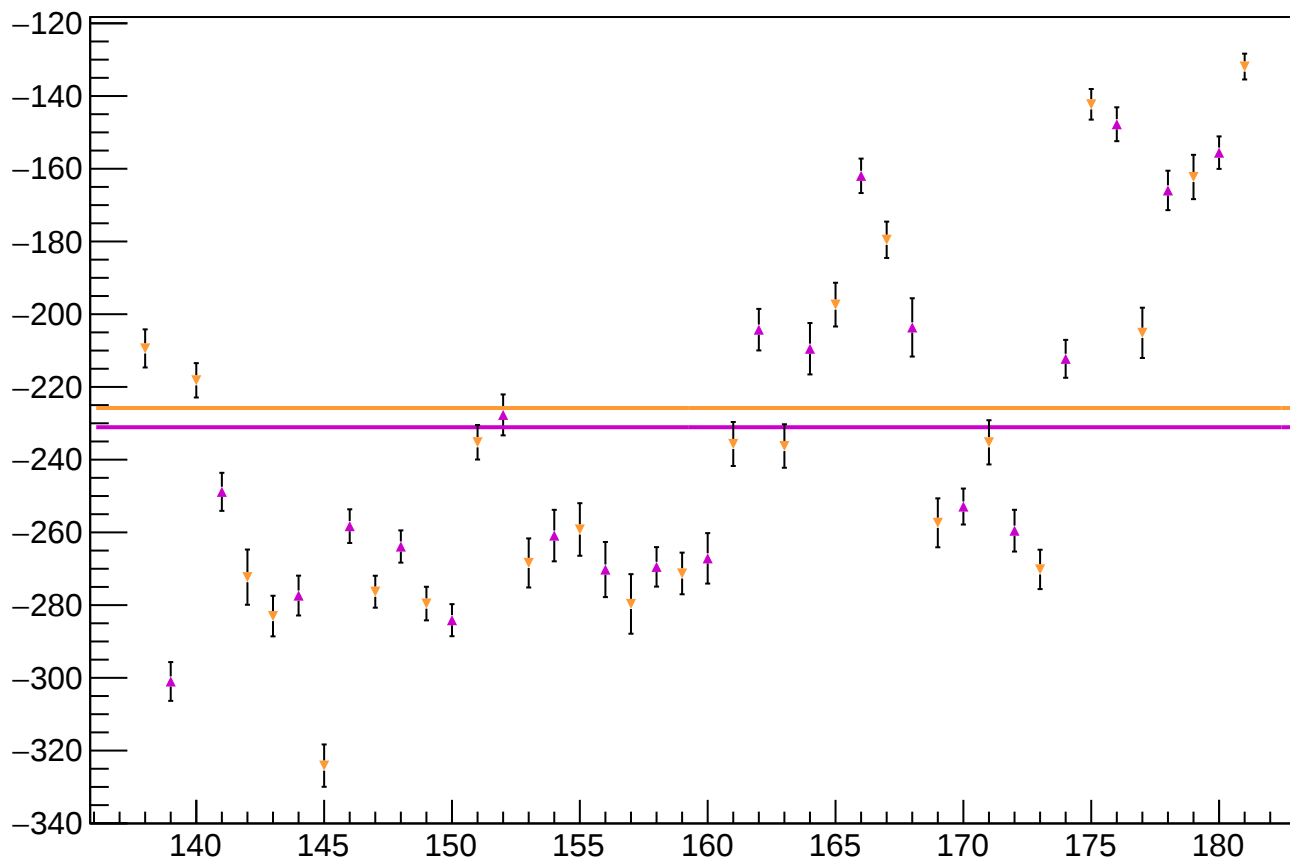
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 121.733 $\pm$ 0.037 χ^2 /NDF: 511086.8/37

Out: 111.090 $\pm$ 0.035 χ^2 /NDF: 1136869.7/41

All: 116.154 $\pm$ 0.025 χ^2 /NDF: 1691553.2/79

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: -225.797+/-1.132 χ^2/NDF :2297.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Left: -228.347+/-0.815 χ^2/NDF : 3981.1/43

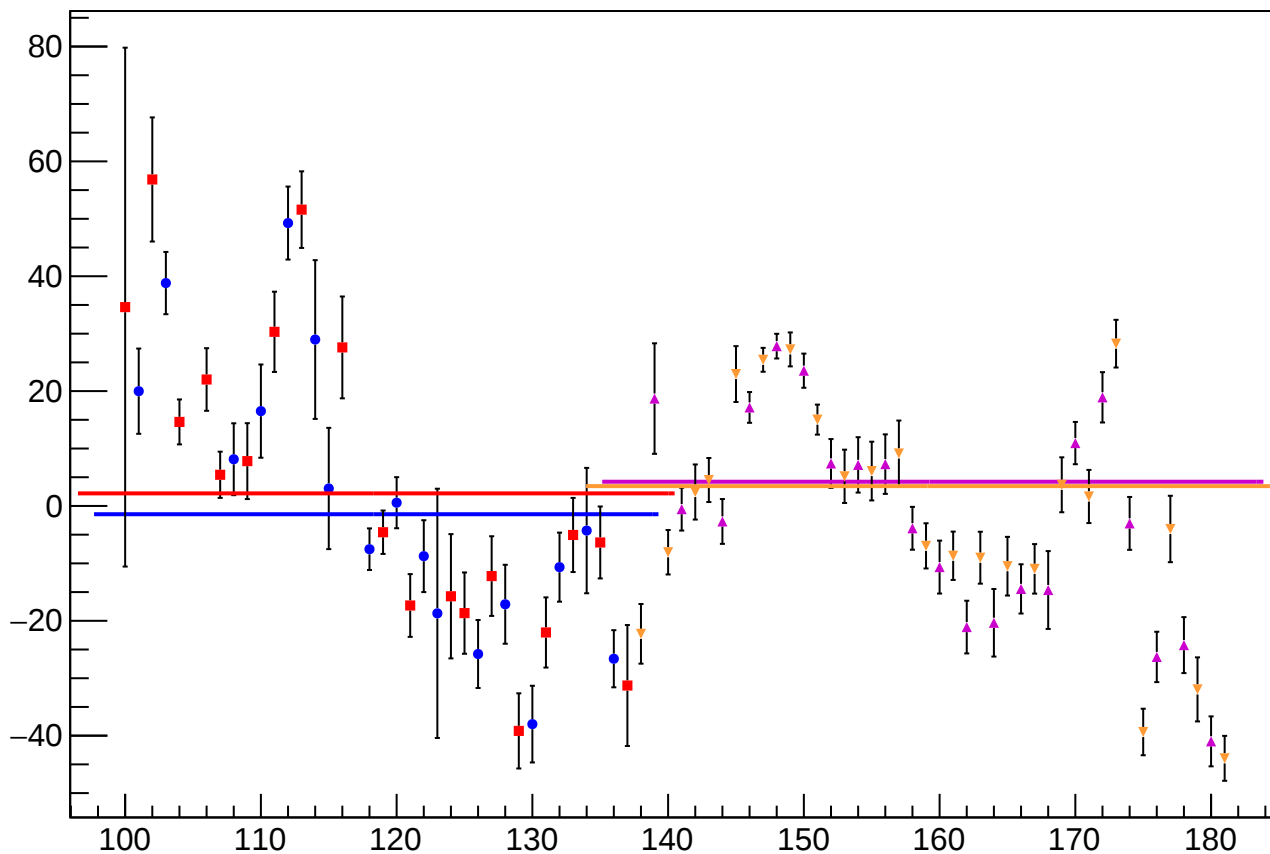
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Out: -225.797+/-1.132 χ^2/NDF :2297.1/22

All: -228.347+/-0.815 χ^2/NDF : 3981.1/43

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 3.453 ± 0.827 $\chi^2/\text{NDF}: 625.0/22$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 4.218 ± 0.862 $\chi^2/\text{NDF}: 491.8/20$

Left: 3.819 ± 0.597 $\chi^2/\text{NDF}: 1117.2/43$

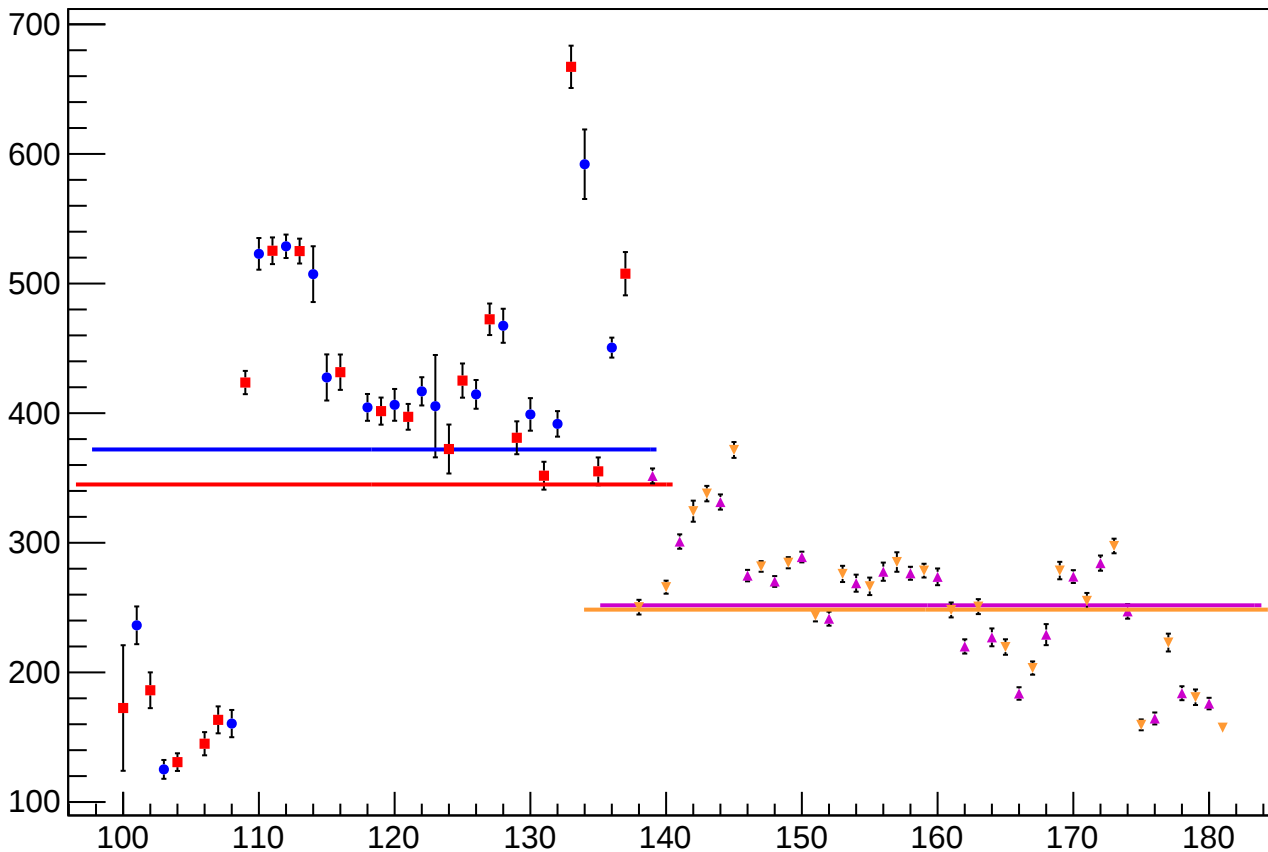
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 2.835 ± 0.750 $\chi^2/\text{NDF}: 726.7/37$

Out: 3.126 ± 0.712 $\chi^2/\text{NDF}: 856.3/41$

All: 2.988 ± 0.516 $\chi^2/\text{NDF}: 1583.1/79$

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: 248.425 $\pm$ 1.126 χ^2 /NDF:2348.3/22

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 251.751 $\pm$ 1.157 χ^2 /NDF:1862.3/20

Left: 250.042 $\pm$ 0.807 χ^2 /NDF: 4214.8/43

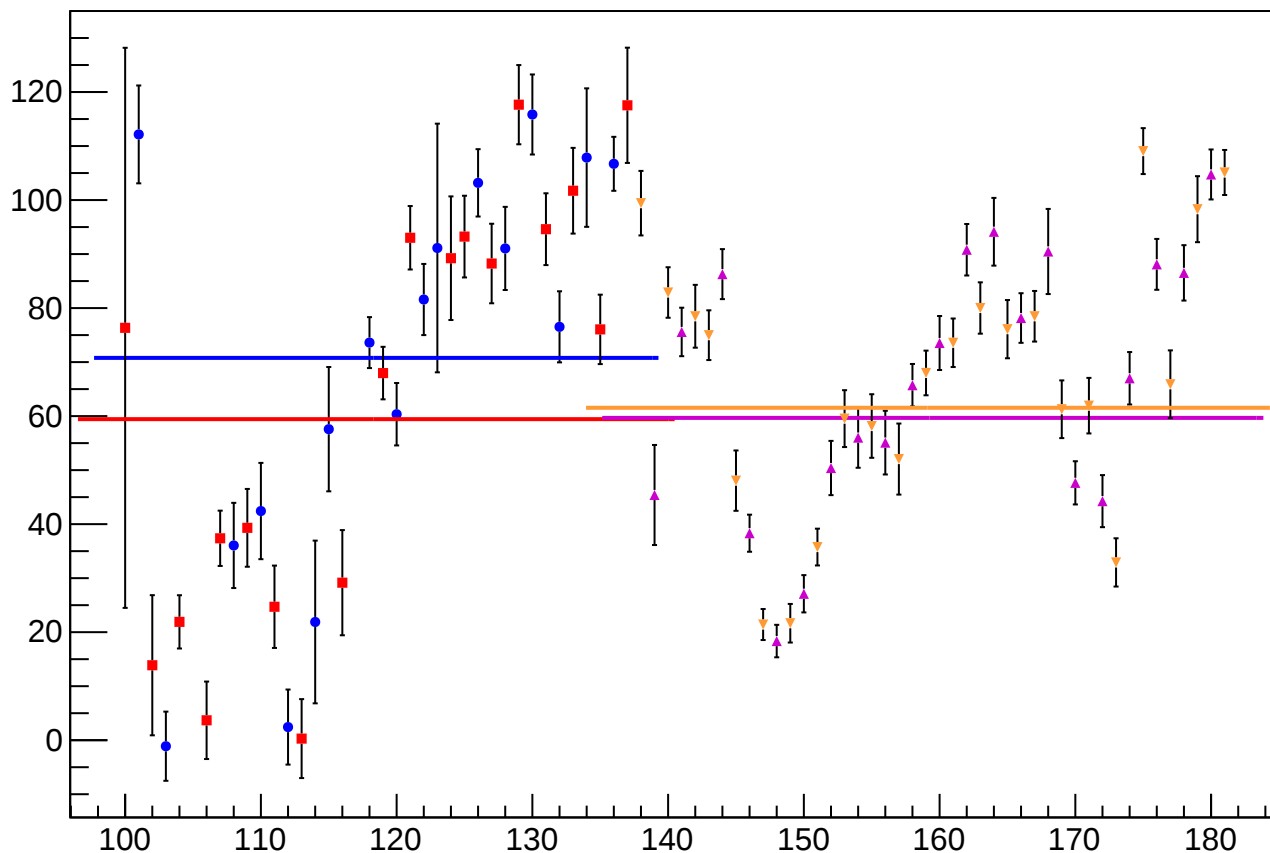
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 269.682 $\pm$ 1.068 χ^2 /NDF:5903.1/37

Out: 264.065 $\pm$ 1.031 χ^2 /NDF:6954.3/41

All: 266.774 $\pm$ 0.741 χ^2 /NDF: 12871.7/79

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: 61.542 $\pm$ 0.964 χ^2 /NDF:820.7/22

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 59.670 $\pm$ 0.998 χ^2 /NDF:663.6/20

Left: 60.639 $\pm$ 0.693 χ^2 /NDF: 1486.1/43

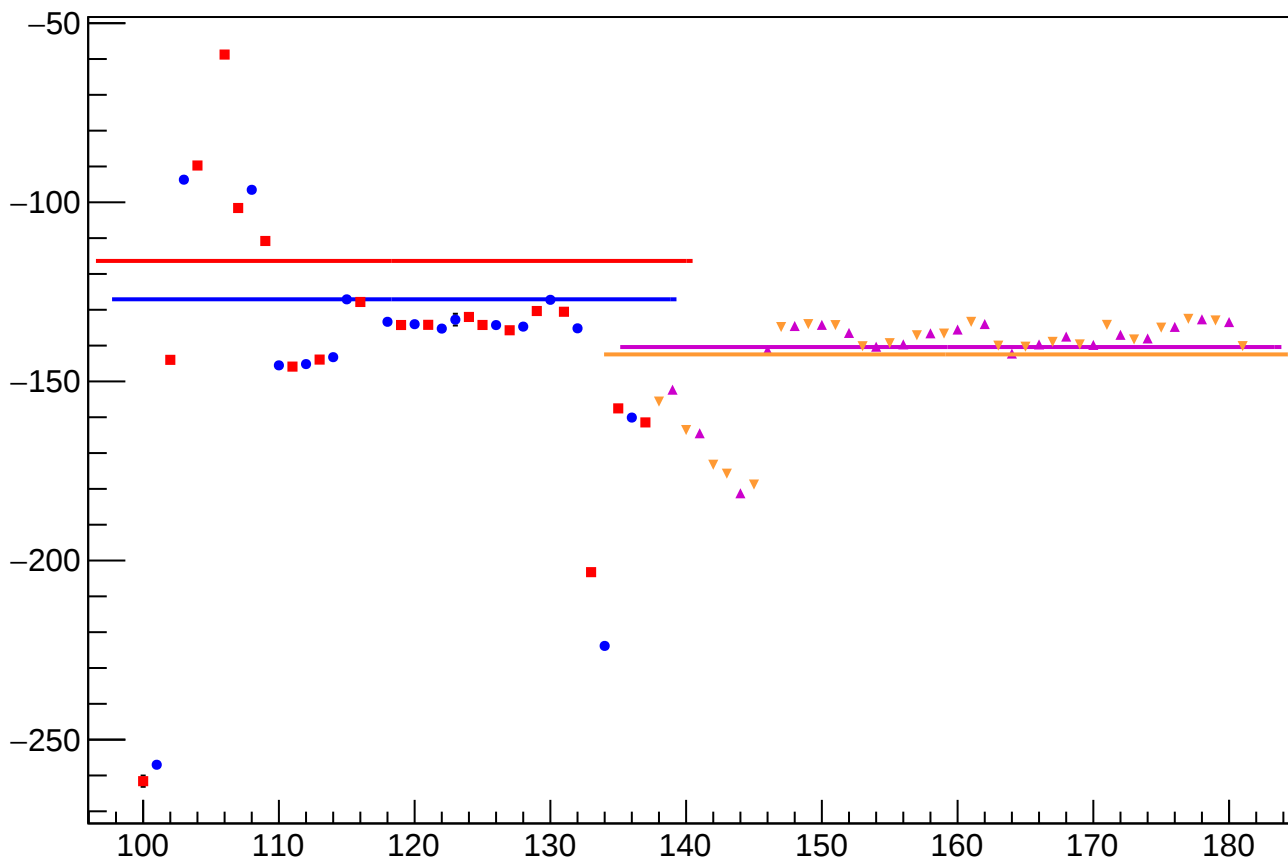
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 62.406 $\pm$ 0.867 χ^2 /NDF:1118.0/37

Out: 60.997 $\pm$ 0.830 χ^2 /NDF:1308.6/41

All: 61.671 $\pm$ 0.599 χ^2 /NDF: 2428.0/79

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -142.460 ± 0.046 $\chi^2/\text{NDF}: 78612.9/22$

Right Out: -116.365 ± 0.083 $\chi^2/\text{NDF}: 167555.3/18$

Left In: -140.401 ± 0.047 $\chi^2/\text{NDF}: 47861.7/20$

Left: -141.441 ± 0.033 $\chi^2/\text{NDF}: 127450.9/43$

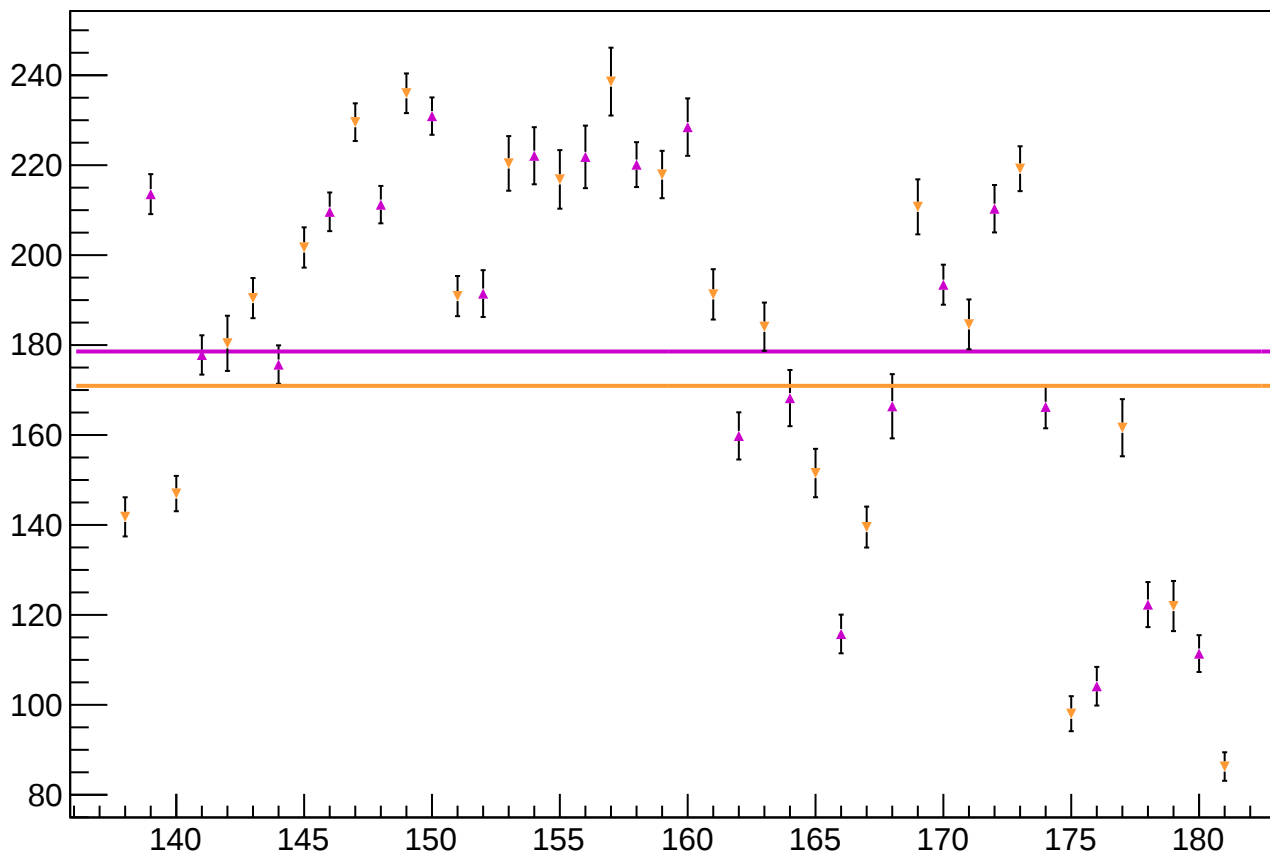
Right: -121.310 ± 0.061 $\chi^2/\text{NDF}: 342291.2/35$

In: -137.538 ± 0.041 $\chi^2/\text{NDF}: 232283.5/37$

Out: -136.245 ± 0.040 $\chi^2/\text{NDF}: 321653.1/41$

All: -136.875 ± 0.029 $\chi^2/\text{NDF}: 554434.6/79$

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: 170.938+/-1.011 χ^2/NDF :2224.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Left: 174.584+/-0.731 χ^2/NDF : 3789.3/43

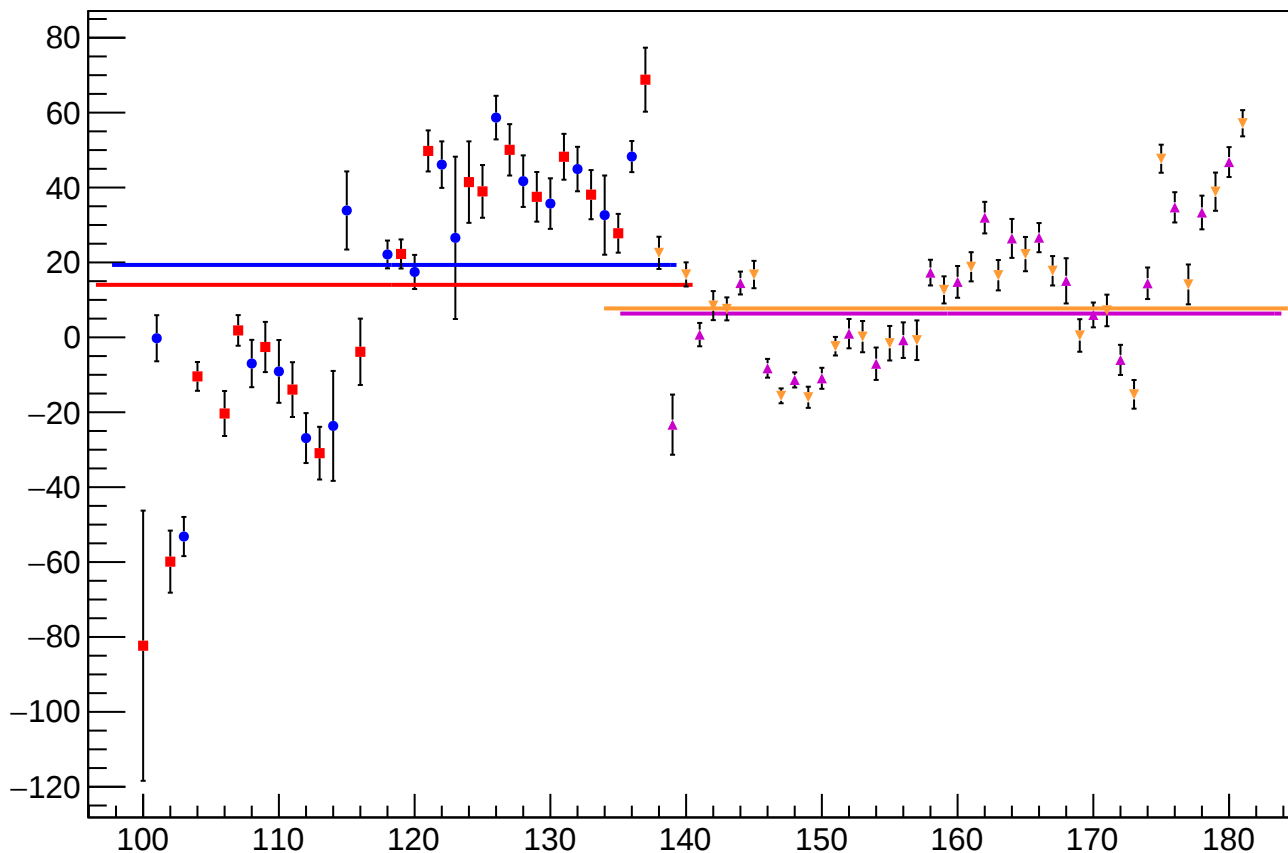
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Out: 170.938+/-1.011 χ^2/NDF :2224.0/22

All: 174.584+/-0.731 χ^2/NDF : 3789.3/43

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: 7.723 $\pm$ 0.745 χ^2 /NDF: 683.6/22

Right Out: 14.018 $\pm$ 1.390 χ^2 /NDF: 433.2/18

Left In: 6.351 $\pm$ 0.783 χ^2 /NDF: 483.1/20

Left: 7.071 $\pm$ 0.540 χ^2 /NDF: 1168.3/43

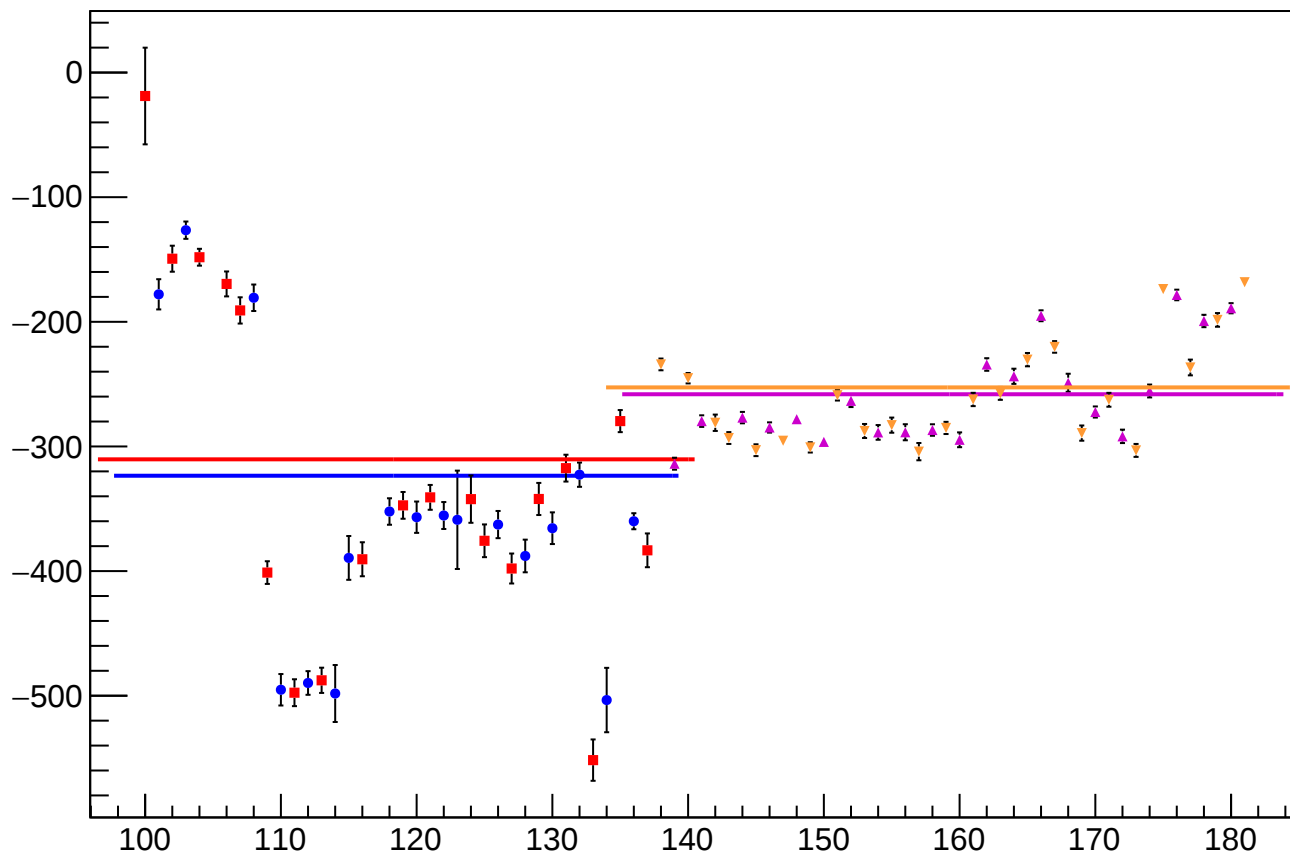
Right: 16.507 $\pm$ 1.014 χ^2 /NDF: 879.9/35

In: 9.185 $\pm$ 0.692 χ^2 /NDF: 982.9/37

Out: 9.129 $\pm$ 0.657 χ^2 /NDF: 1132.7/41

All: 9.155 $\pm$ 0.477 χ^2 /NDF: 2115.6/79

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -252.616 ± 1.010 χ^2/NDF : 2018.5/22

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -258.116 ± 1.047 χ^2/NDF : 1528.1/20

Left: -255.268 ± 0.727 χ^2/NDF : 3560.9/43

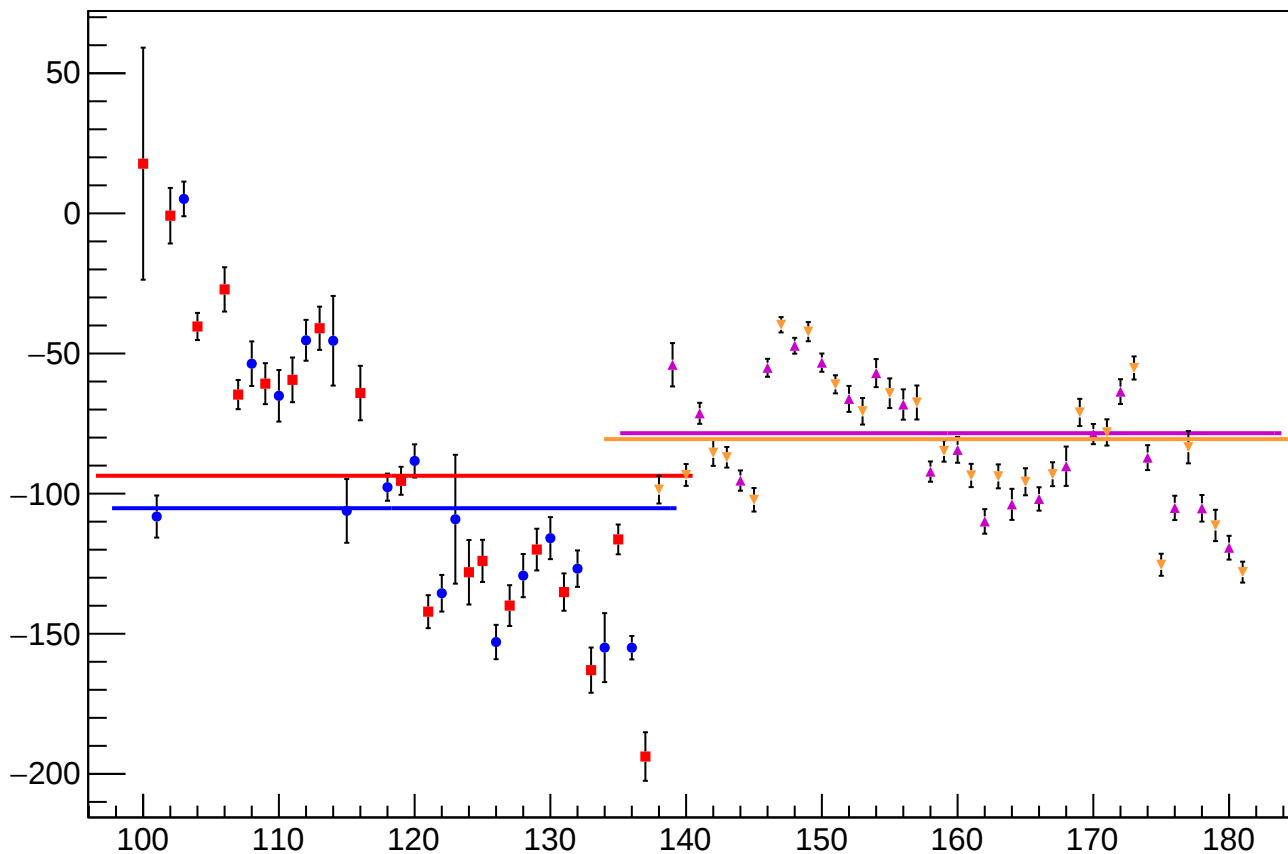
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -266.811 ± 0.975 χ^2/NDF : 3894.4/37

Out: -260.597 ± 0.938 χ^2/NDF : 4770.5/41

All: -263.584 ± 0.676 χ^2/NDF : 8686.0/79

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: -80.545 ± 0.867 χ^2/NDF : 862.1/22

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -78.437 ± 0.905 χ^2/NDF : 600.0/20

Left: -79.537 ± 0.626 χ^2/NDF : 1465.0/43

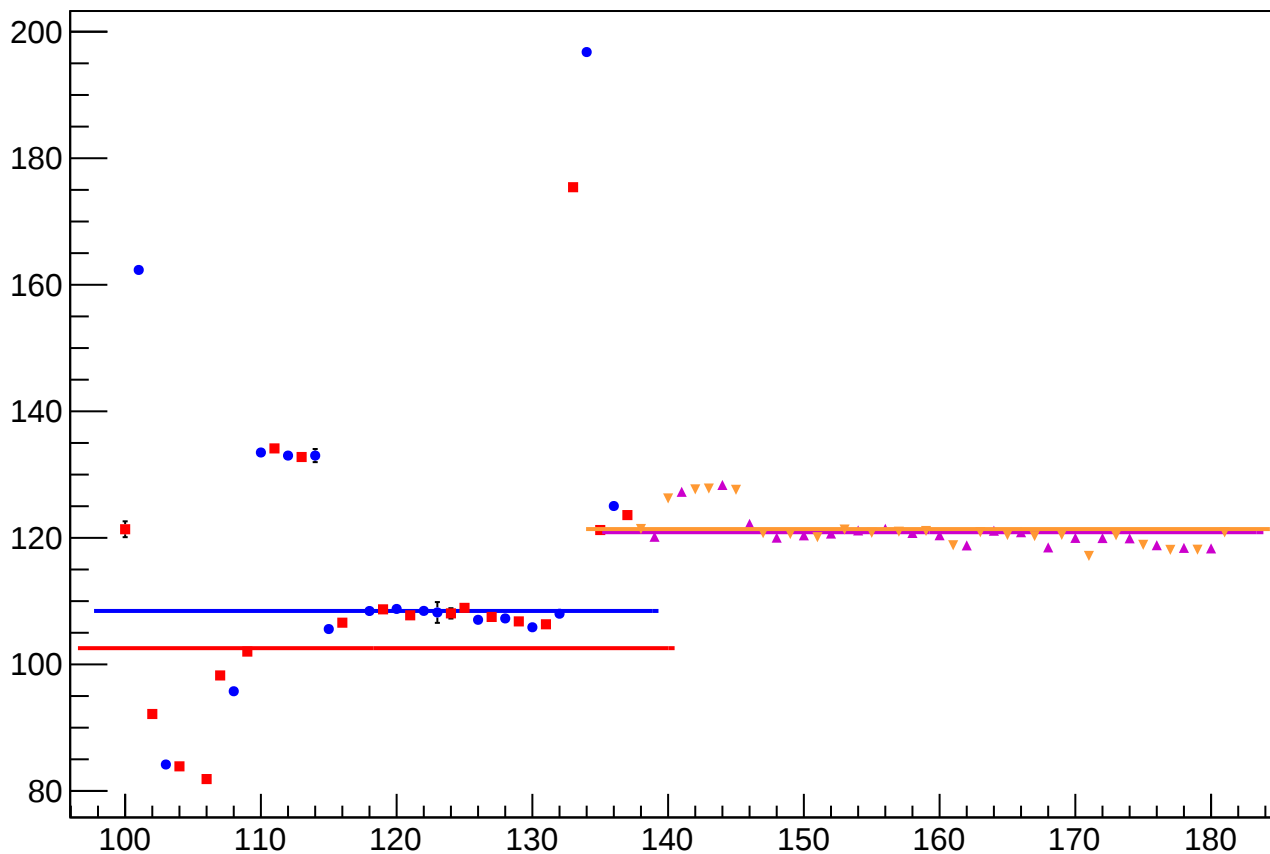
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -84.368 ± 0.799 χ^2/NDF : 1529.4/37

Out: -83.485 ± 0.763 χ^2/NDF : 1736.0/41

All: -83.907 ± 0.552 χ^2/NDF : 3266.0/79

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.389 $\pm$ 0.042 χ^2 /NDF: 4834.7/22

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 120.893 $\pm$ 0.042 χ^2 /NDF: 3322.3/20

Left: 121.146 $\pm$ 0.030 χ^2 /NDF: 8227.1/43

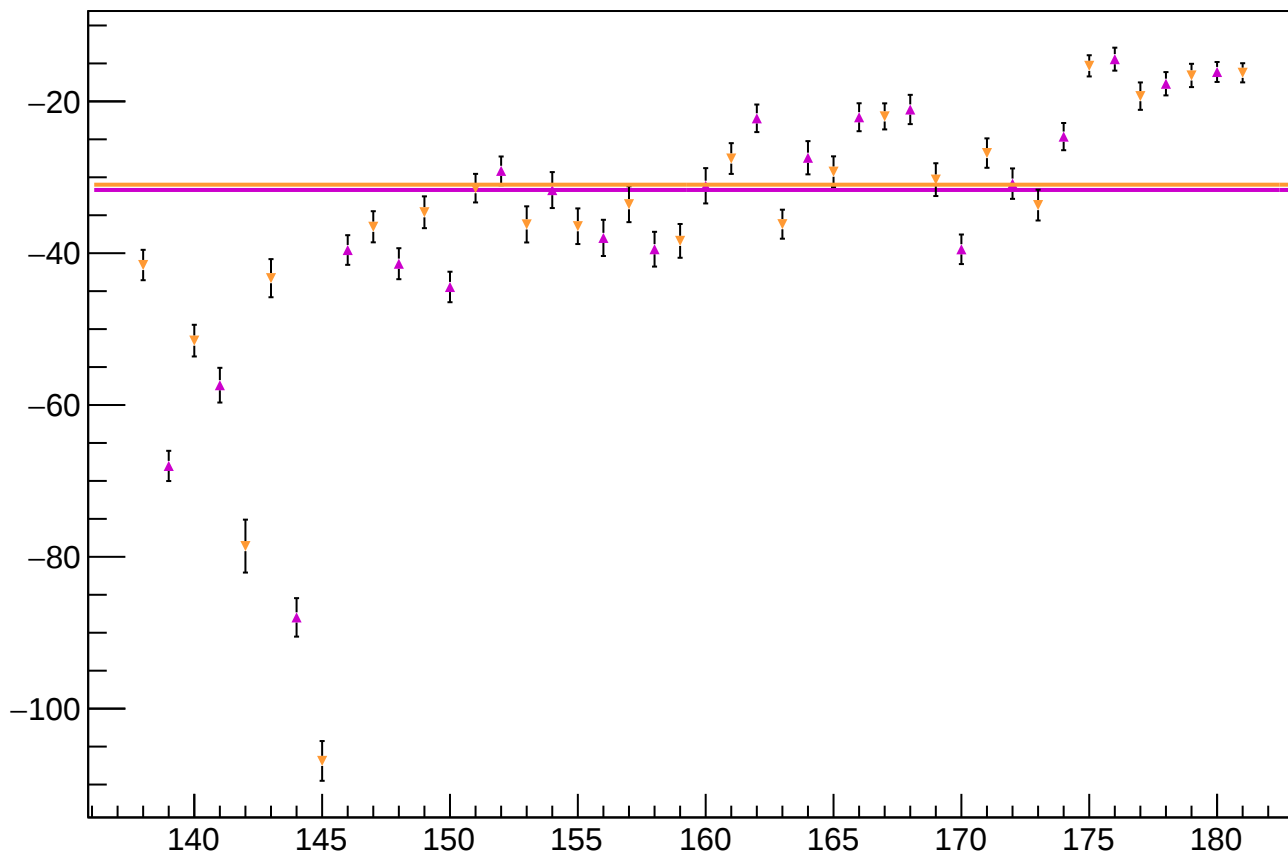
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.413 $\pm$ 0.038 χ^2 /NDF: 93835.8/37

Out: 117.350 $\pm$ 0.037 χ^2 /NDF: 102066.7/41

All: 117.867 $\pm$ 0.026 χ^2 /NDF: 196307.8/79

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.974+/-0.407 χ^2/NDF :1645.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Left: -31.312+/-0.292 χ^2/NDF : 3172.2/43

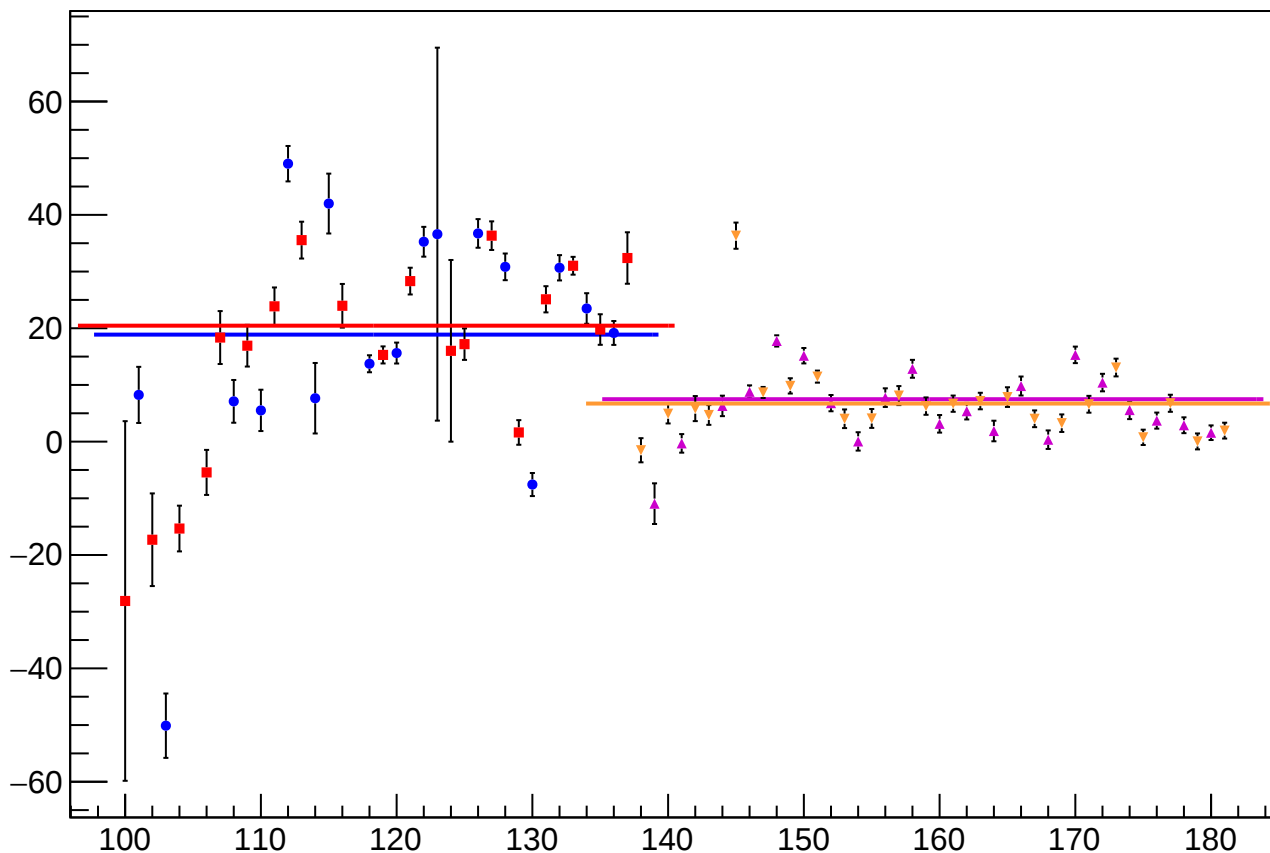
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Out: -30.974+/-0.407 χ^2/NDF :1645.2/22

All: -31.312+/-0.292 χ^2/NDF : 3172.2/43

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: 6.716 $\pm$ 0.311 χ^2 /NDF: 296.0/22

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 7.483 $\pm$ 0.324 χ^2 /NDF: 336.0/20

Left: 7.085 $\pm$ 0.224 χ^2 /NDF: 635.0/43

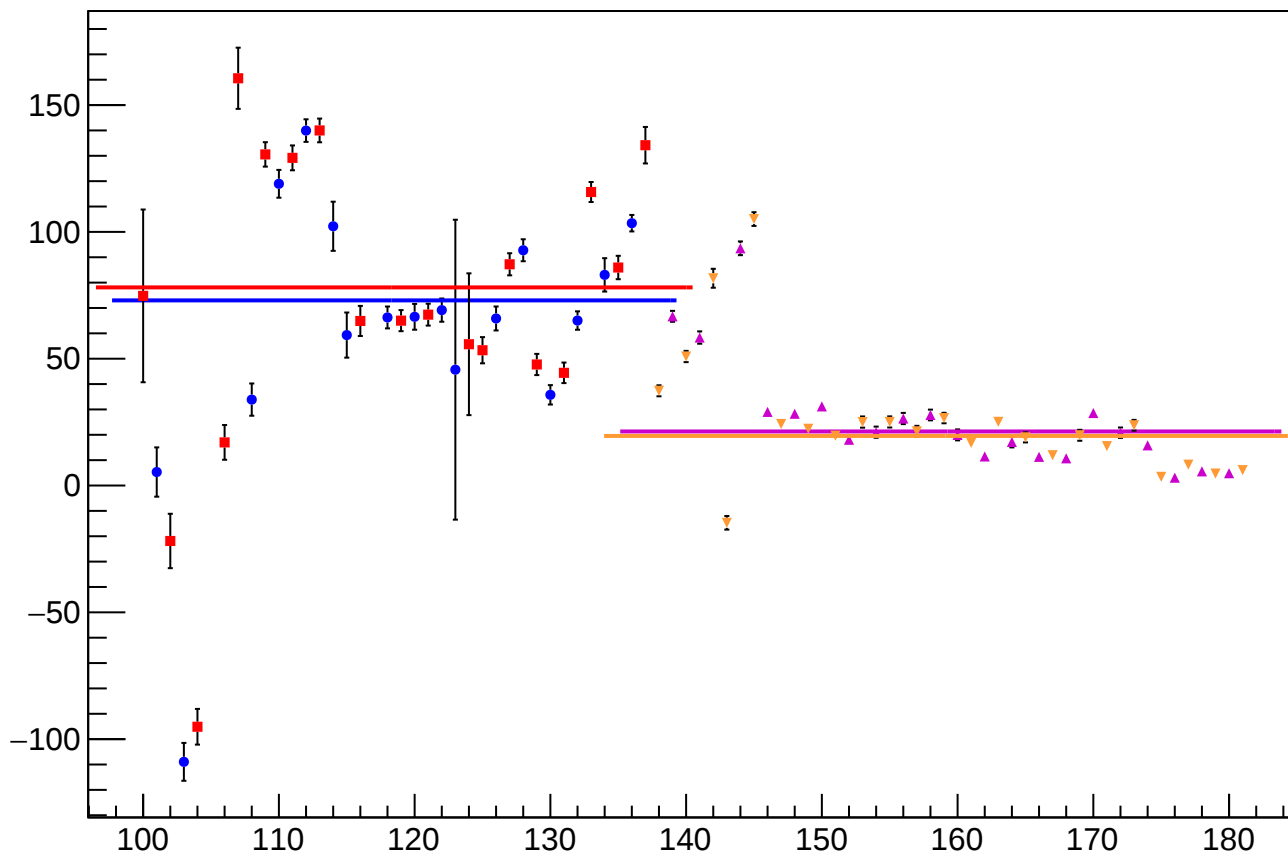
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 9.780 $\pm$ 0.289 χ^2 /NDF: 1206.0/37

Out: 9.324 $\pm$ 0.280 χ^2 /NDF: 1030.1/41

All: 9.545 $\pm$ 0.201 χ^2 /NDF: 2237.5/79

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: 19.548 $\pm$ 0.404 χ^2 /NDF:2153.7/22

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 21.313 $\pm$ 0.414 χ^2 /NDF:1990.3/20

Left: 20.408 $\pm$ 0.289 χ^2 /NDF: 4153.3/43

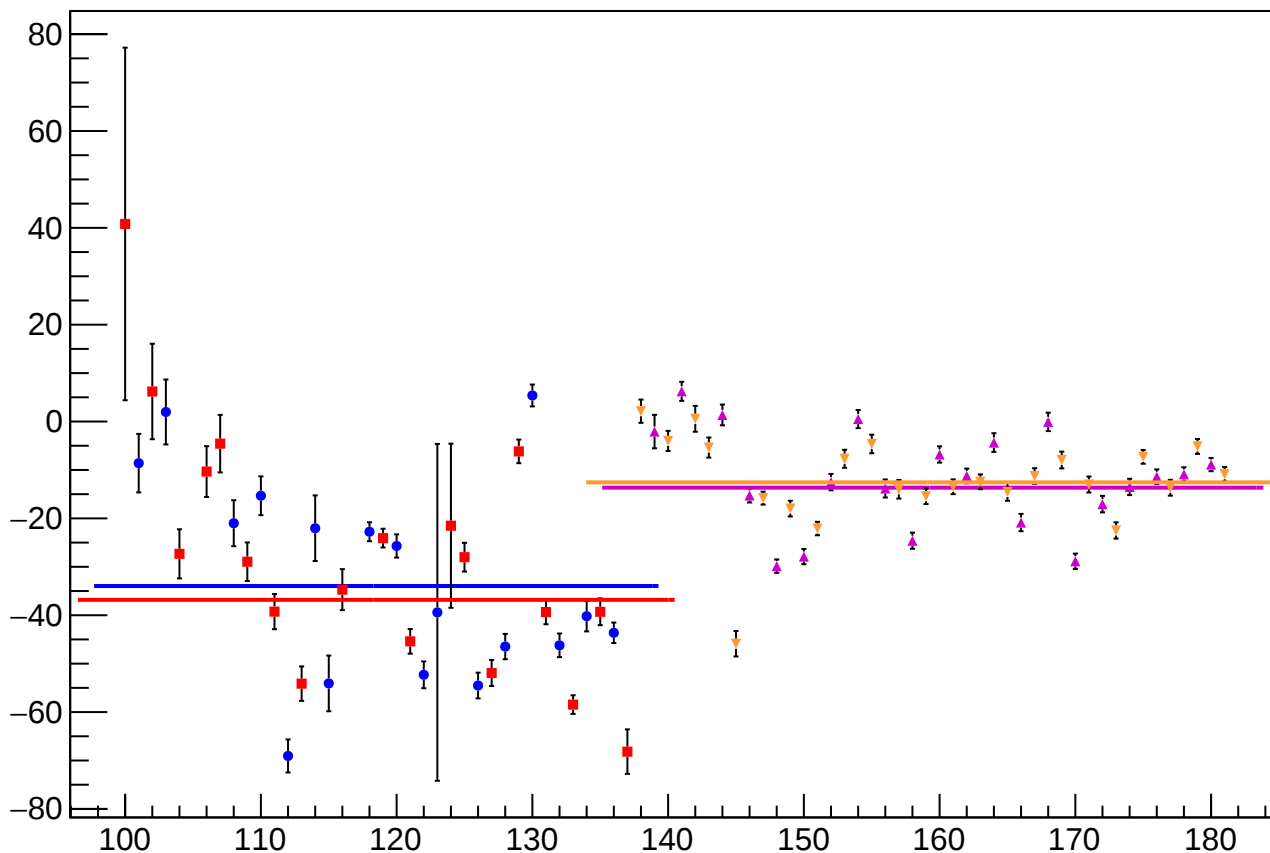
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 26.569 $\pm$ 0.392 χ^2 /NDF:4781.5/37

Out: 25.300 $\pm$ 0.383 χ^2 /NDF:5768.3/41

All: 25.920 $\pm$ 0.274 χ^2 /NDF: 10555.1/79

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -12.555 ± 0.355 χ^2/NDF : 426.1/22

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.656 ± 0.367 χ^2/NDF : 707.3/20

Left: -13.087 ± 0.255 χ^2/NDF : 1138.1/43

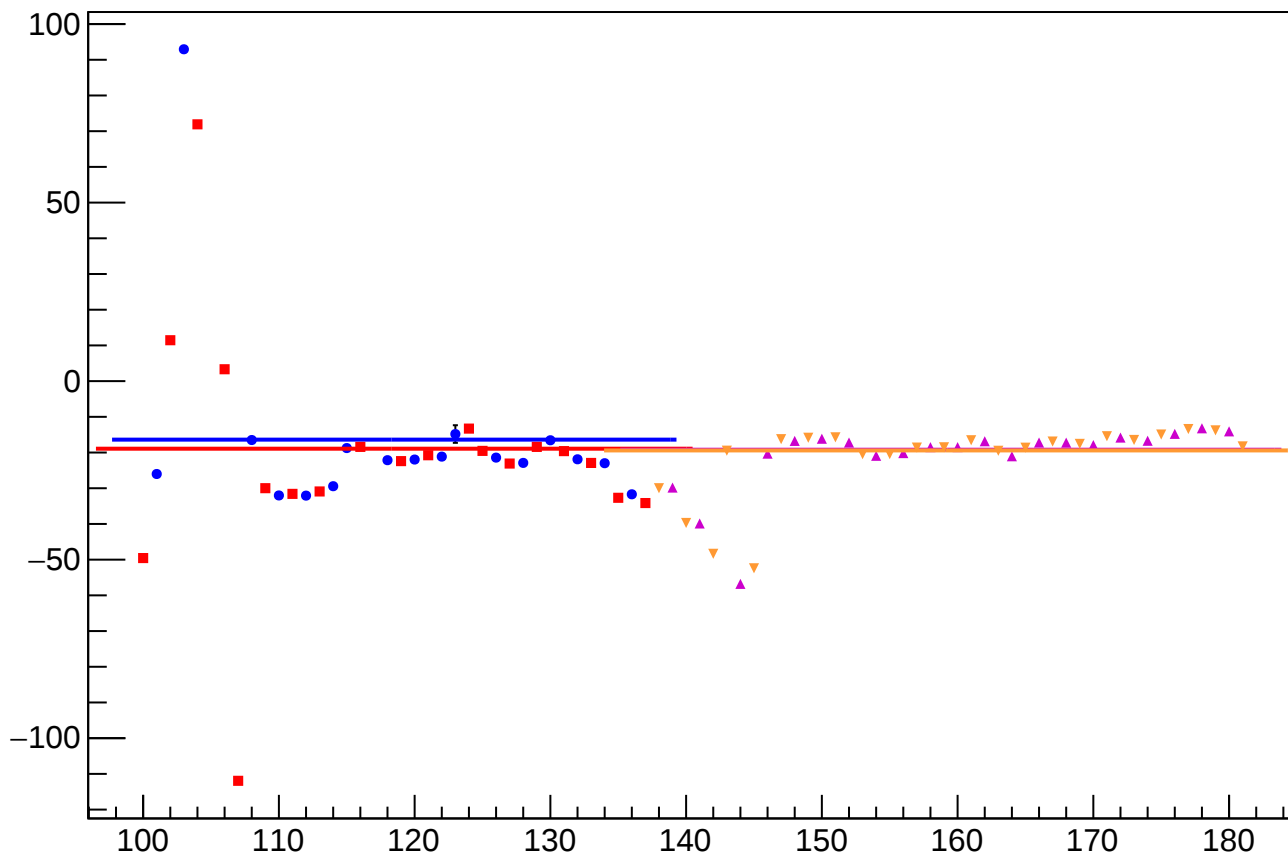
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -17.694 ± 0.329 χ^2/NDF : 2036.7/37

Out: -17.130 ± 0.320 χ^2/NDF : 1846.4/41

All: -17.404 ± 0.229 χ^2/NDF : 3884.6/79

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: -19.410 ± 0.016 $\chi^2/\text{NDF}: 224705.0/22$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -19.210 ± 0.017 $\chi^2/\text{NDF}: 192601.6/20$

Left: -19.311 ± 0.012 $\chi^2/\text{NDF}: 417379.7/43$

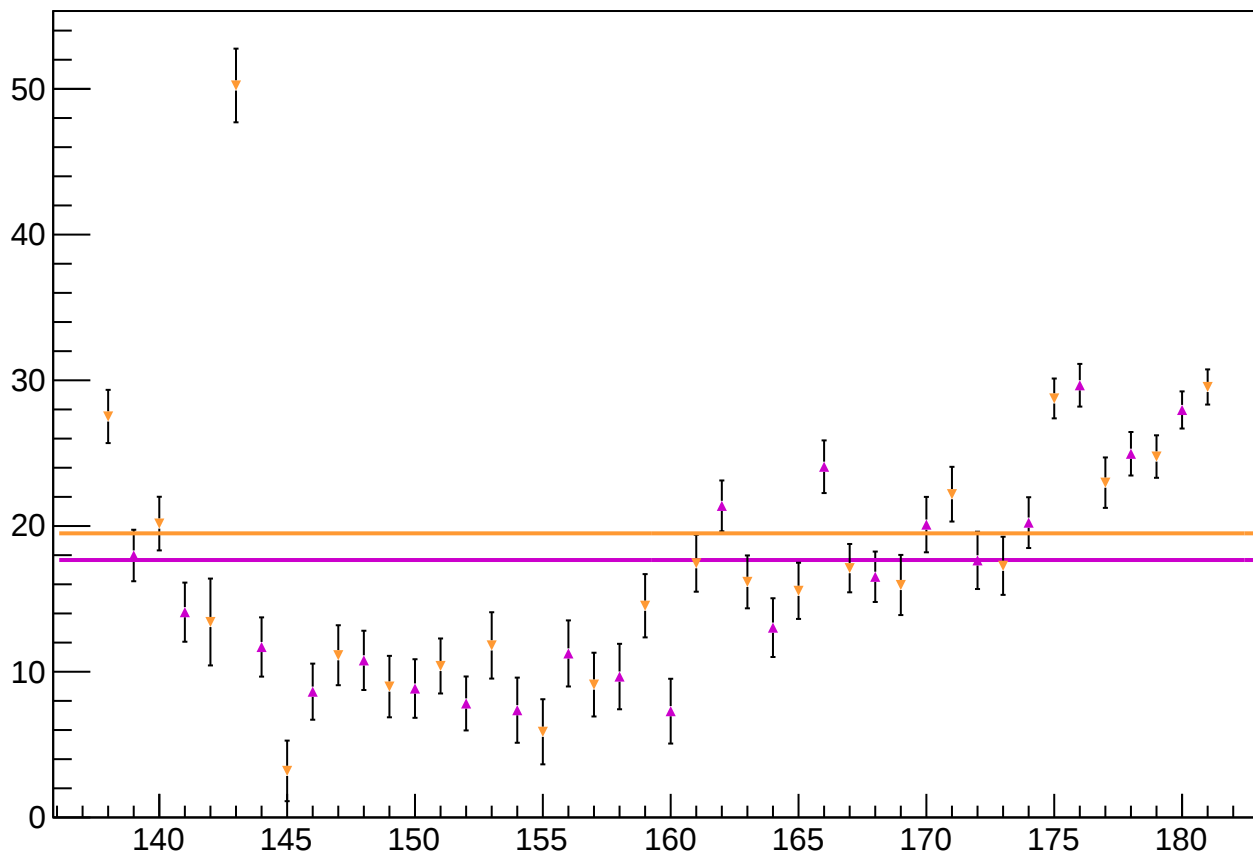
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -18.861 ± 0.016 $\chi^2/\text{NDF}: 670432.7/37$

Out: -19.353 ± 0.015 $\chi^2/\text{NDF}: 658952.5/41$

All: -19.110 ± 0.011 $\chi^2/\text{NDF}: 1329887.4/79$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 19.498 $\pm$ 0.388 χ^2 /NDF:523.1/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 17.667 $\pm$ 0.400 χ^2 /NDF:339.3/20

Left: 18.610 $\pm$ 0.278 χ^2 /NDF: 873.2/43

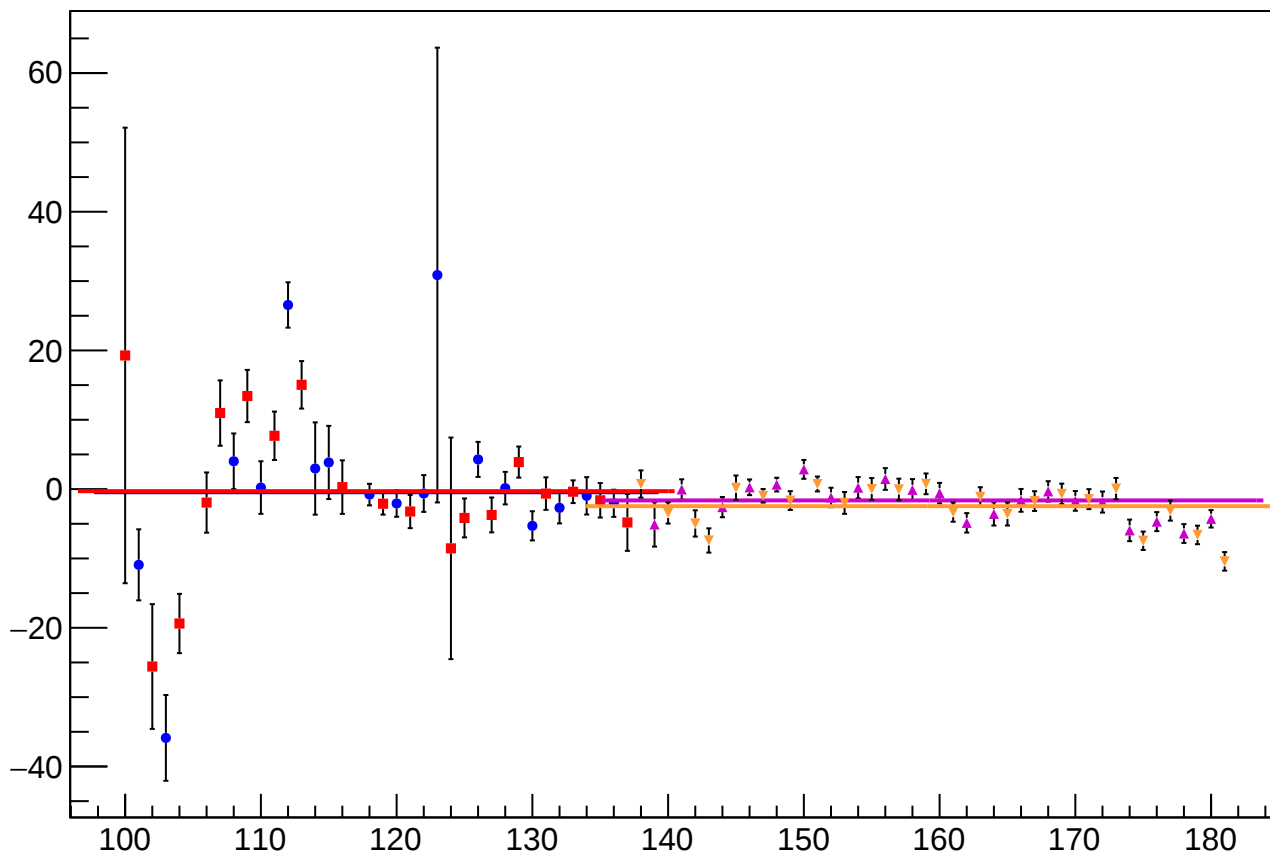
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 17.667 $\pm$ 0.400 χ^2 /NDF:339.3/20

Out: 19.498 $\pm$ 0.388 χ^2 /NDF:523.1/22

All: 18.610 $\pm$ 0.278 χ^2 /NDF: 873.2/43

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: -2.463 ± 0.299 χ^2/NDF : 102.3/22

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.631 ± 0.311 χ^2/NDF : 65.6/20

Left: -2.063 ± 0.216 χ^2/NDF : 171.6/43

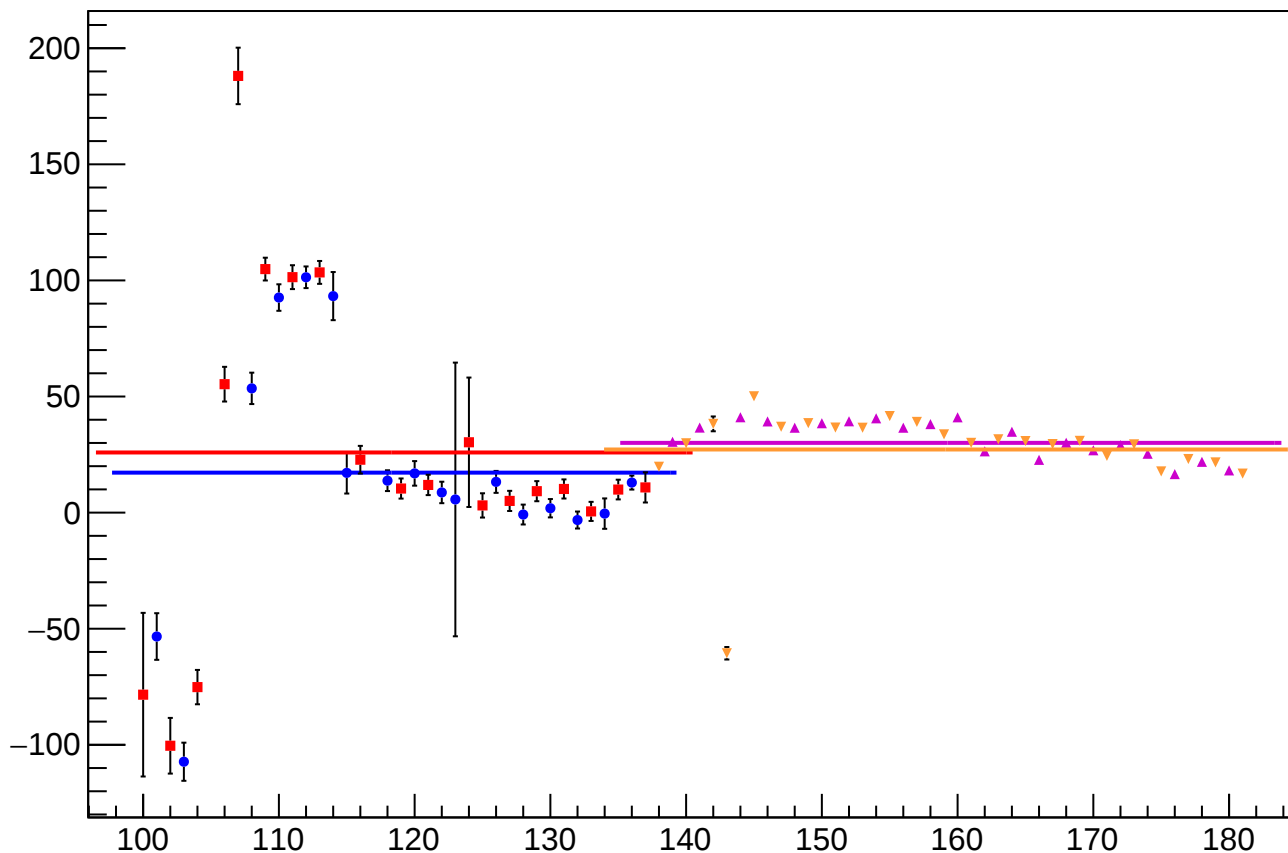
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.414 ± 0.281 χ^2/NDF : 187.8/37

Out: -2.091 ± 0.272 χ^2/NDF : 195.7/41

All: -1.763 ± 0.195 χ^2/NDF : 386.6/79

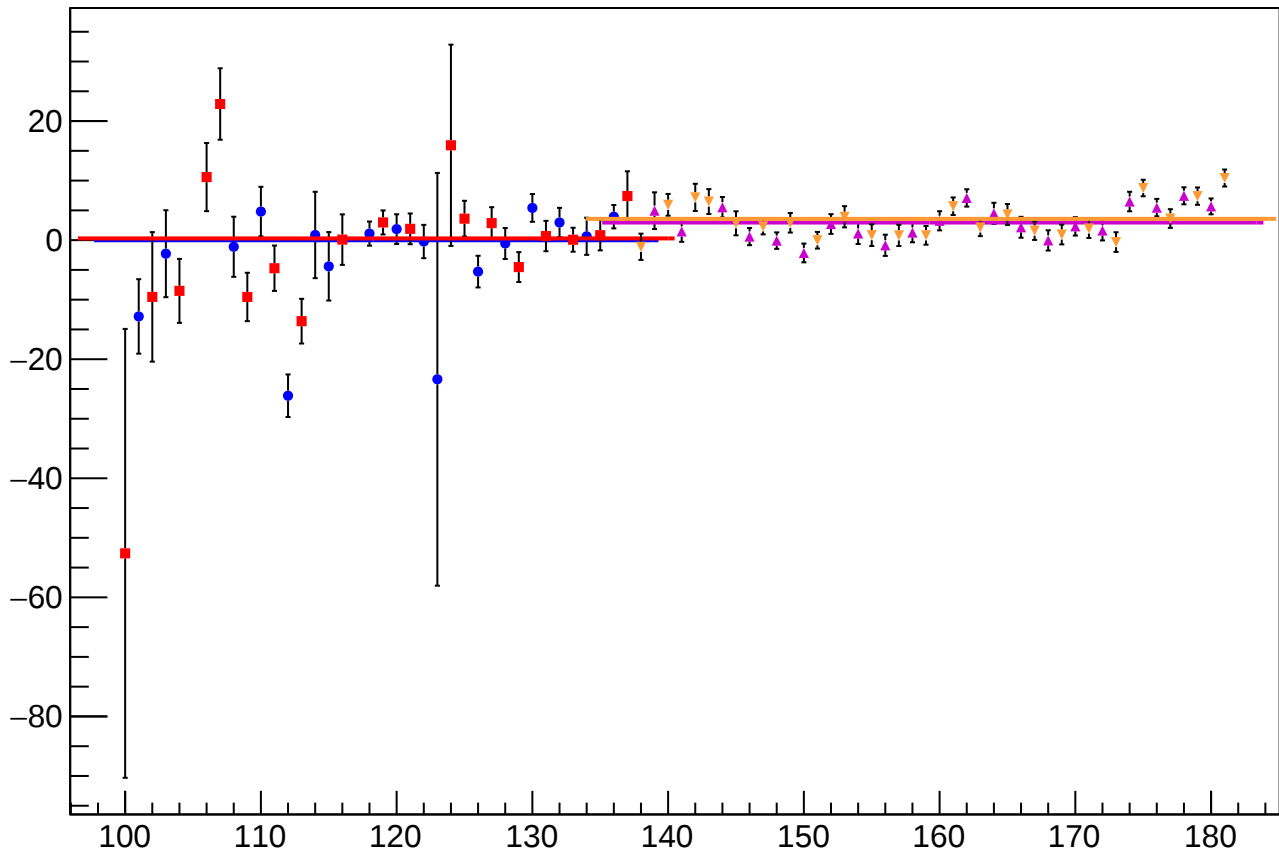
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2/NDF : 940.1/16
 Left Out: 27.186 $\pm$ 0.386 χ^2/NDF :1554.2/22
 Right Out: 25.902 $\pm$ 1.243 χ^2/NDF : 1374.8/18
 Left In: 30.041 $\pm$ 0.396 χ^2/NDF :438.4/20

Left: 28.578 $\pm$ 0.276 χ^2/NDF : 2019.3/43
 Right: 21.552 $\pm$ 0.878 χ^2/NDF : 2339.3/35
 In: 28.858 $\pm$ 0.377 χ^2/NDF :1475.4/37
 Out: 27.073 $\pm$ 0.369 χ^2/NDF :2930.0/41
 All: 27.945 $\pm$ 0.264 χ^2/NDF : 4416.8/79

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: 3.575 ± 0.341 χ^2/NDF : 84.0/22

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.956 ± 0.352 χ^2/NDF : 62.6/20

Left: 3.276 ± 0.245 χ^2/NDF : 148.2/43

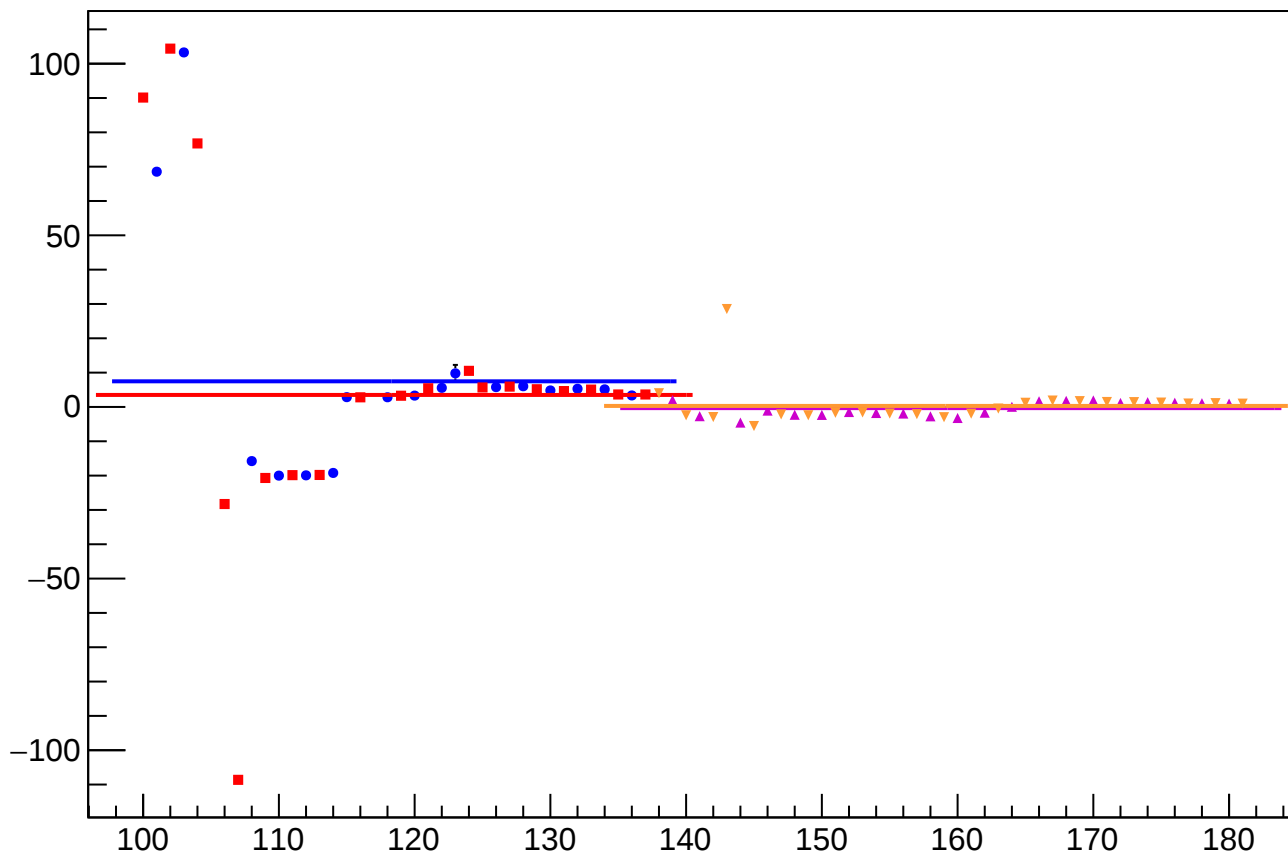
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 2.412 ± 0.318 χ^2/NDF : 151.5/37

Out: 3.013 ± 0.310 χ^2/NDF : 156.0/41

All: 2.720 ± 0.222 χ^2/NDF : 309.3/79

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: 0.299 $\pm$ 0.016 χ^2 /NDF: 87218.8/22

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -0.342 $\pm$ 0.016 χ^2 /NDF: 14496.6/20

Left: -0.017 $\pm$ 0.011 χ^2 /NDF: 102538.8/43

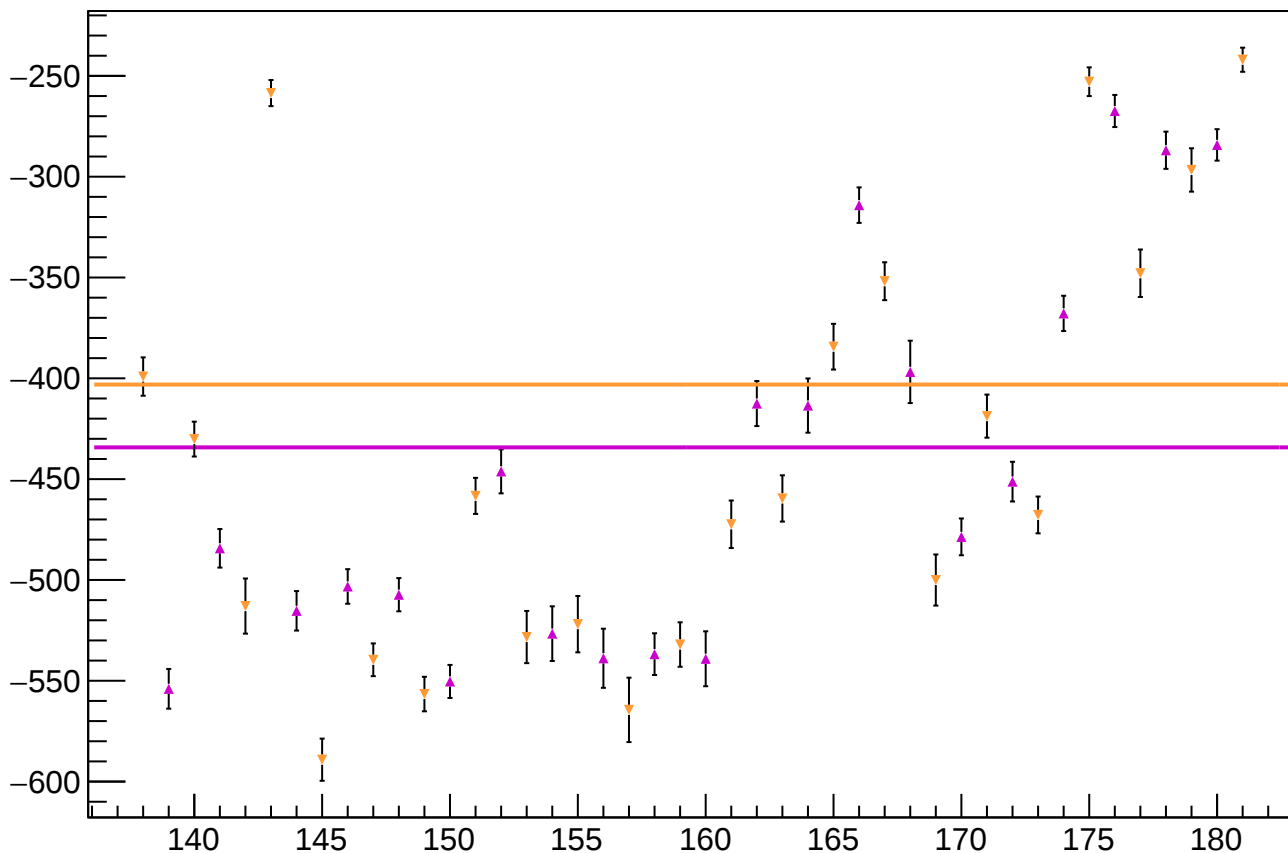
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 0.544 $\pm$ 0.015 χ^2 /NDF: 397724.2/37

Out: 0.638 $\pm$ 0.015 χ^2 /NDF: 602209.1/41

All: 0.592 $\pm$ 0.011 χ^2 /NDF: 999953.2/79

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: -403.088 ± 1.993 χ^2/NDF : 3427.9/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -434.240 ± 2.141 χ^2/NDF : 2190.3/20

Left: -417.551 ± 1.459 χ^2/NDF : 5731.5/43

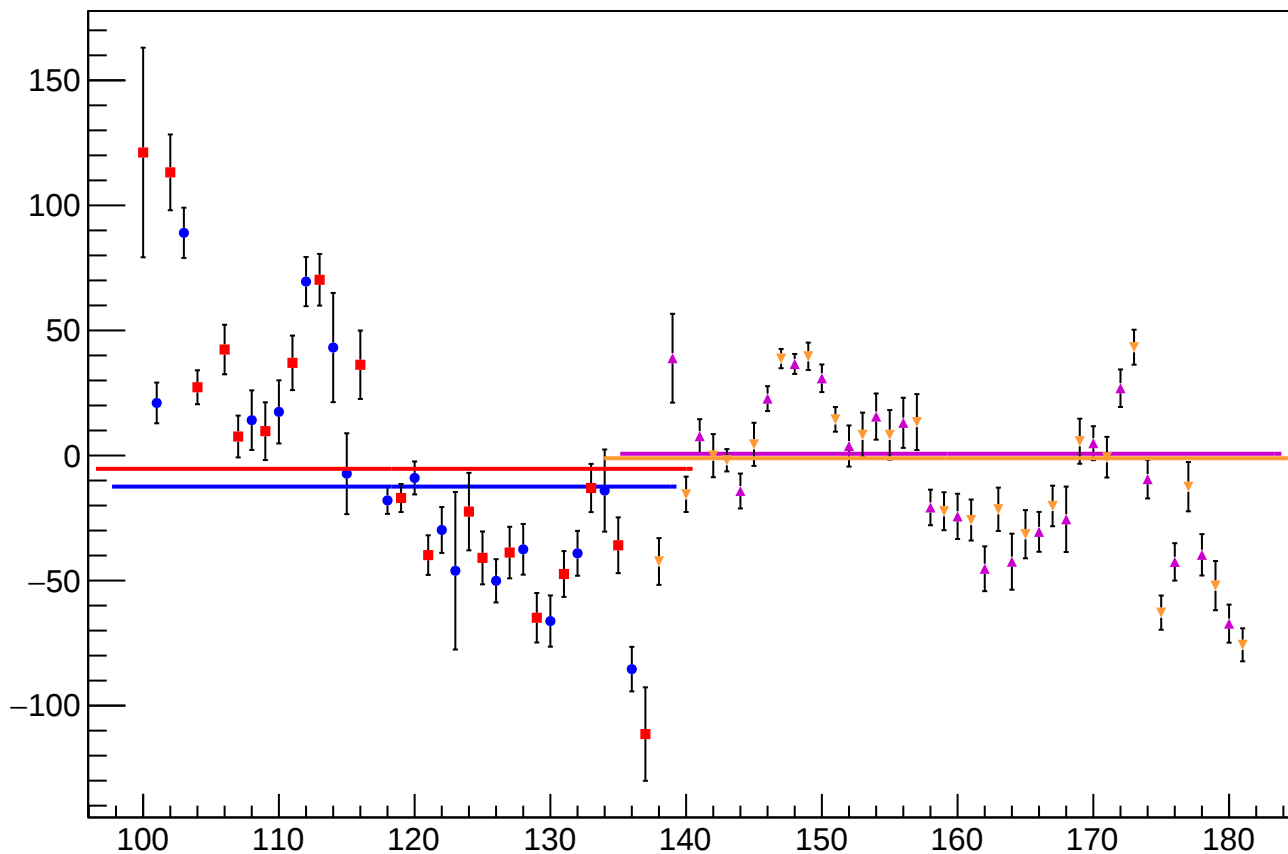
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -434.240 ± 2.141 χ^2/NDF : 2190.3/20

Out: -403.088 ± 1.993 χ^2/NDF : 3427.9/22

All: -417.551 ± 1.459 χ^2/NDF : 5731.5/43

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: -1.083 ± 1.465 χ^2/NDF : 516.6/22

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 0.697 ± 1.586 χ^2/NDF : 373.7/20

Left: -0.264 ± 1.076 χ^2/NDF : 891.0/43

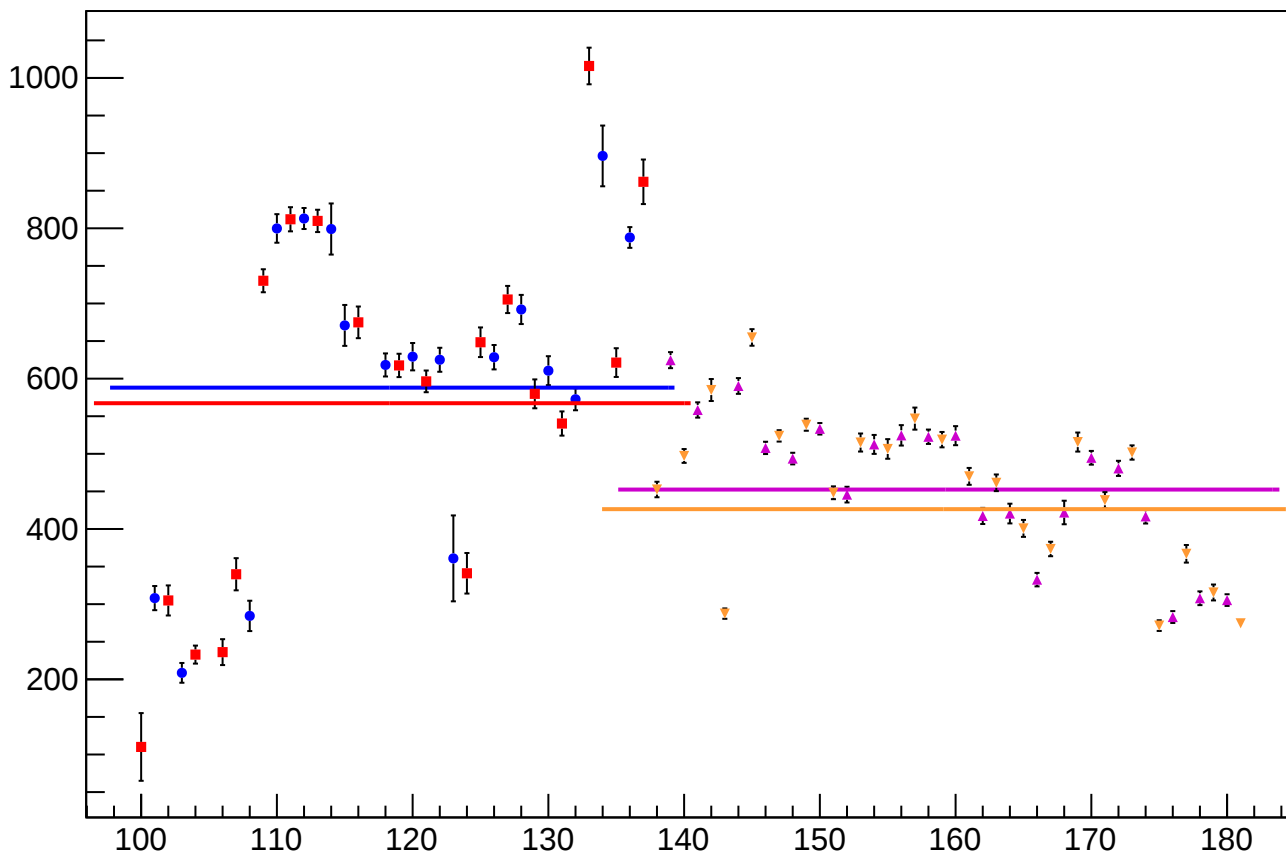
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -3.495 ± 1.308 χ^2/NDF : 735.8/37

Out: -2.336 ± 1.229 χ^2/NDF : 861.8/41

All: -2.880 ± 0.896 χ^2/NDF : 1598.1/79

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 438.634 +/- 1.452 χ^2/NDF : 5266.6/43

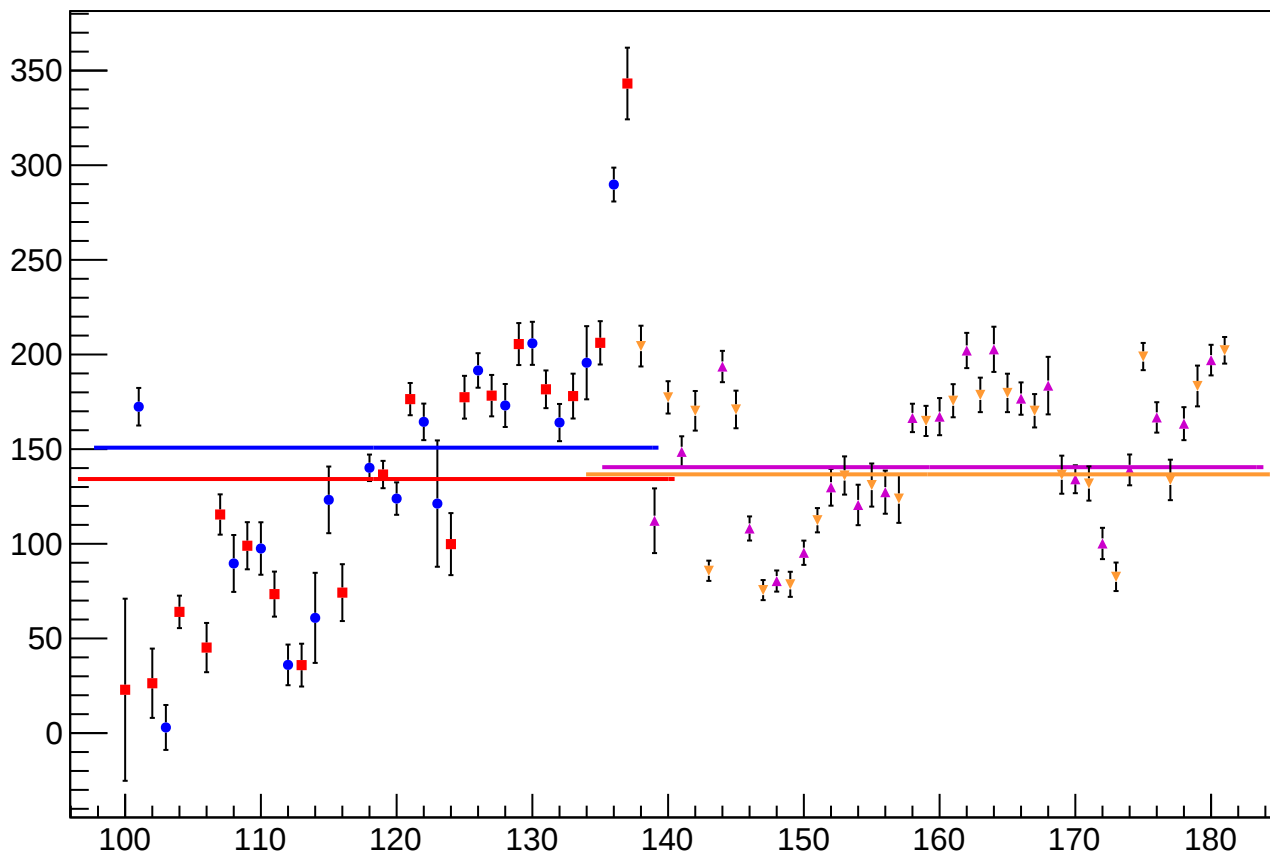
Right: 577.194 +/- 2.989 χ^2/NDF : 4924.0/35

In: 478.633 +/- 1.902 χ^2/NDF : 5097.9/37

Out: 453.004 +/- 1.796 χ^2/NDF : 6735.1/41

All: 465.083 +/- 1.306 χ^2/NDF : 11929.0/79

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: 136.693 $\pm$ 1.707 χ^2 /NDF: 719.3/22

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 140.486 $\pm$ 1.832 χ^2 /NDF: 450.4/20

Left: 138.456 $\pm$ 1.249 χ^2 /NDF: 1171.9/43

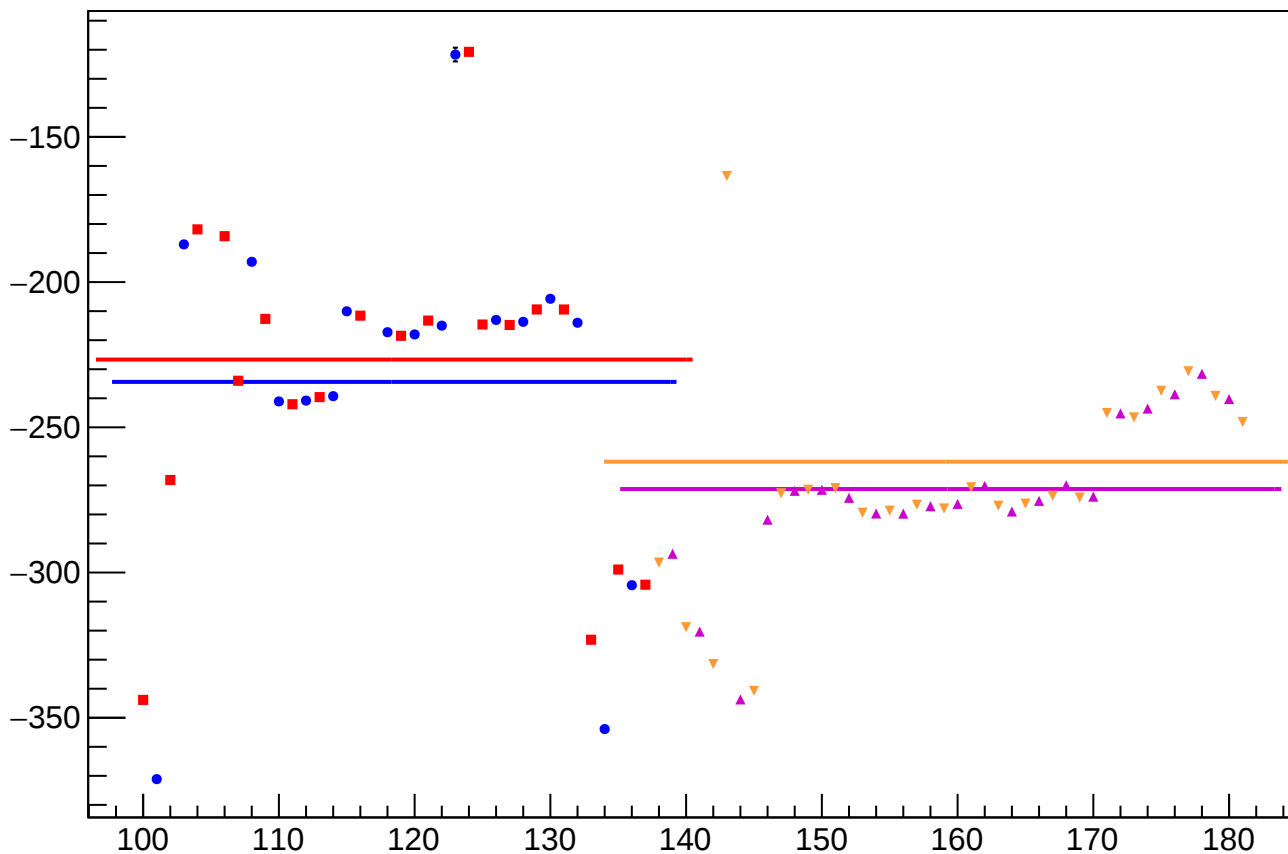
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 143.768 $\pm$ 1.513 χ^2 /NDF: 1093.6/37

Out: 135.954 $\pm$ 1.430 χ^2 /NDF: 1301.5/41

All: 139.641 $\pm$ 1.039 χ^2 /NDF: 2409.2/79

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: -261.842+/-0.083 χ^2/NDF : 228953.1/22

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -271.246+/-0.086 χ^2/NDF : 80048.3/20

Left: -266.349+/-0.060 χ^2/NDF : 315226.1/43

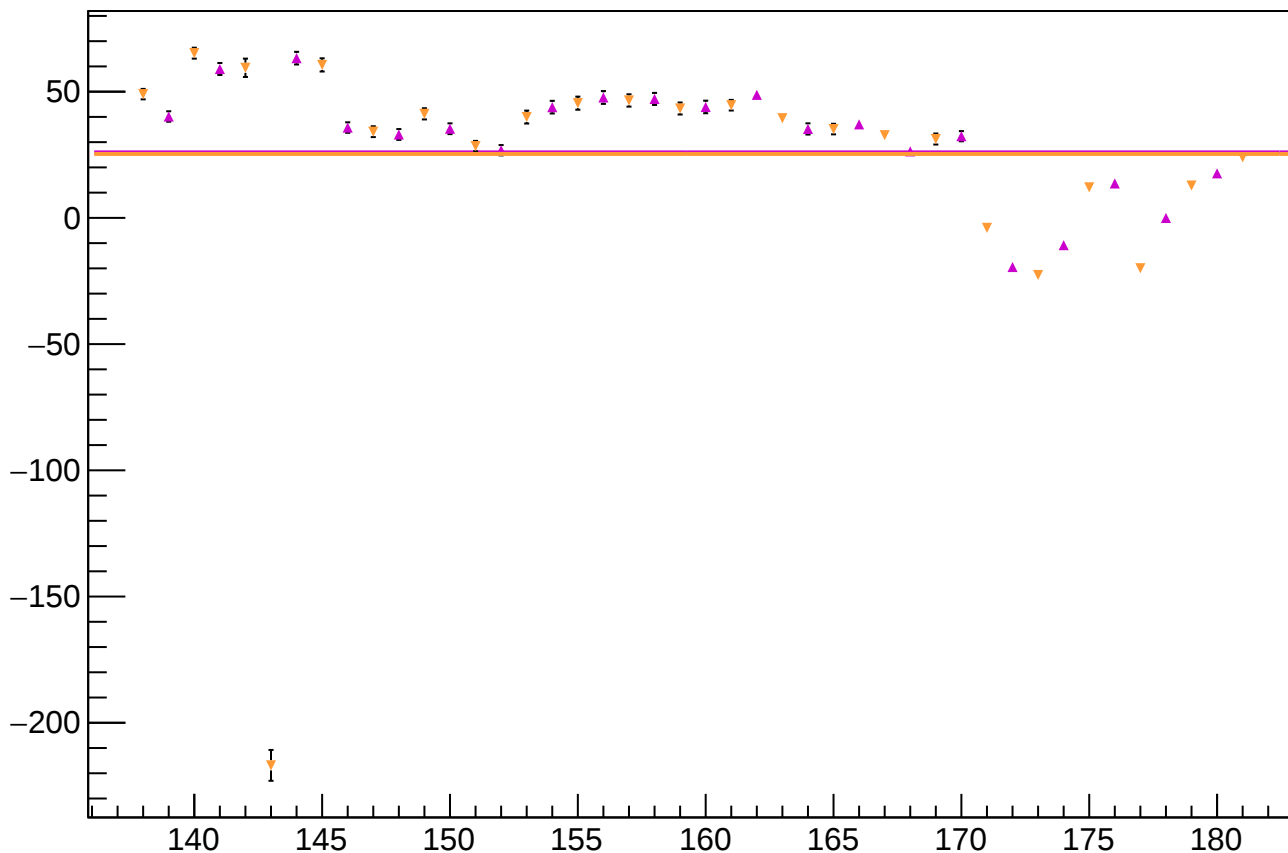
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -261.978+/-0.074 χ^2/NDF : 271416.8/37

Out: -252.894+/-0.071 χ^2/NDF : 374656.7/41

All: -257.238+/-0.051 χ^2/NDF : 653845.8/79

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.329 $\pm$ 0.418 χ^2 /NDF:4370.0/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 25.946 $\pm$ 0.426 χ^2 /NDF:2393.3/20

Left: 25.632 $\pm$ 0.298 χ^2 /NDF: 6764.4/43

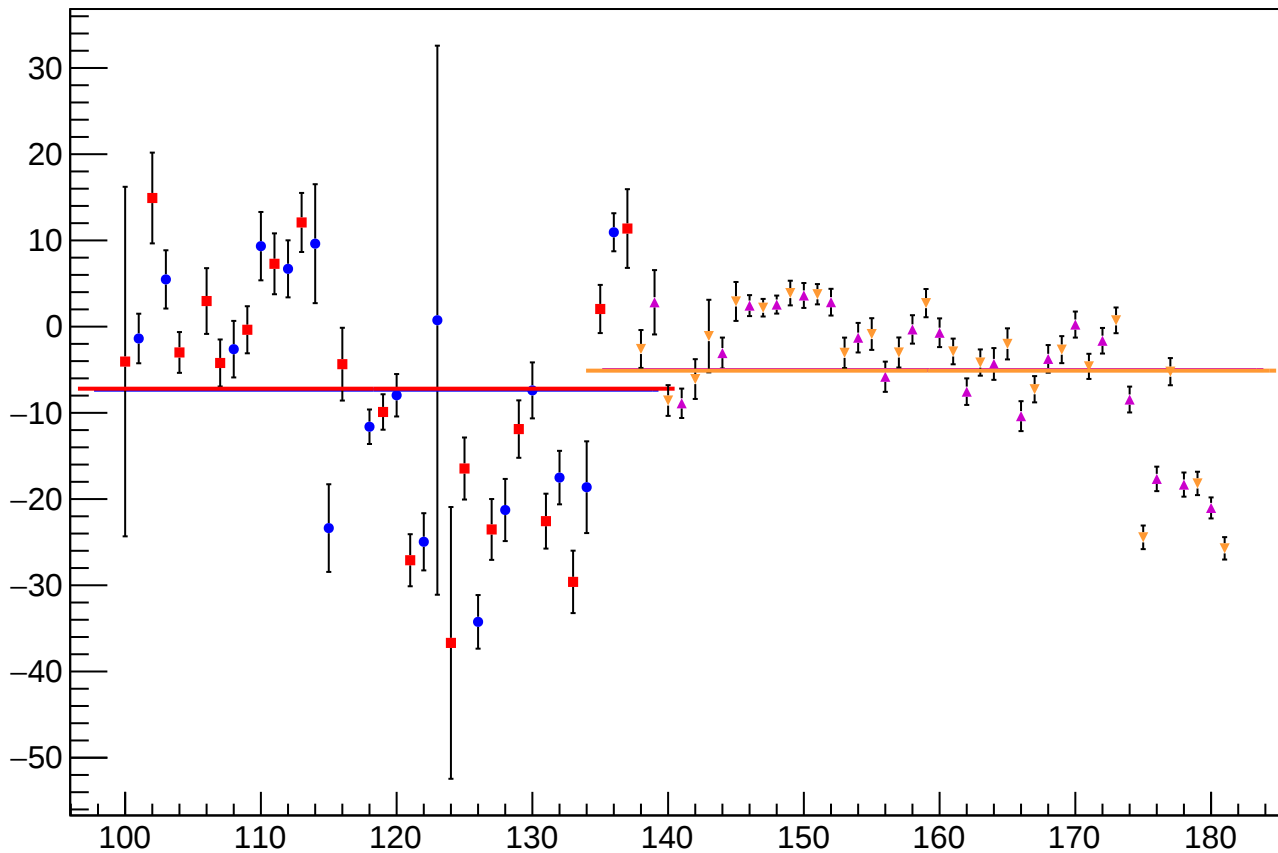
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 25.946 $\pm$ 0.426 χ^2 /NDF:2393.3/20

Out: 25.329 $\pm$ 0.418 χ^2 /NDF:4370.0/22

All: 25.632 $\pm$ 0.298 χ^2 /NDF: 6764.4/43

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 $\chi^2/\text{NDF}: 279.1/16$

Left Out: -5.105 ± 0.325 $\chi^2/\text{NDF}: 766.7/22$

Right Out: -7.198 ± 0.761 $\chi^2/\text{NDF}: 252.1/18$

Left In: -5.033 ± 0.332 $\chi^2/\text{NDF}: 559.3/20$

Left: -5.069 ± 0.232 $\chi^2/\text{NDF}: 1326.1/43$

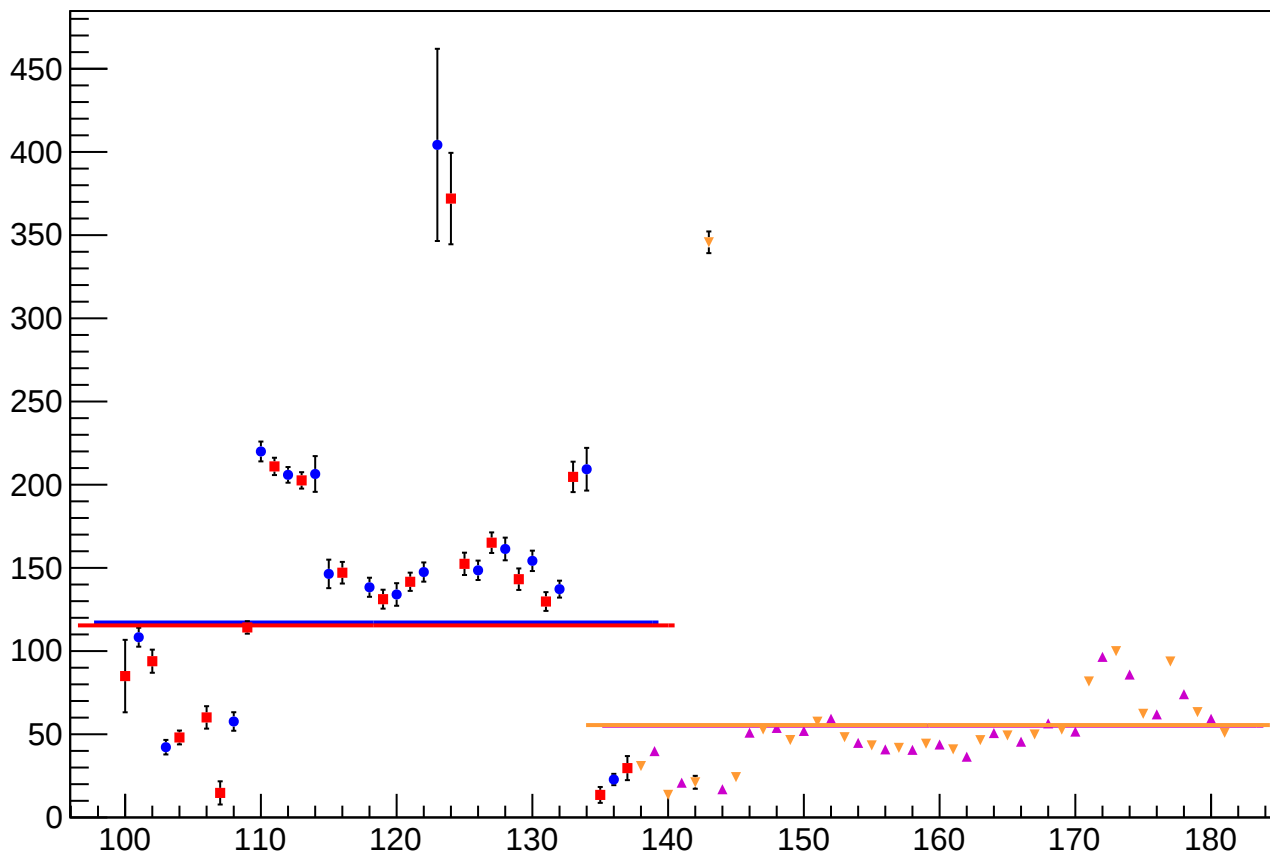
Right: -7.254 ± 0.545 $\chi^2/\text{NDF}: 531.2/35$

In: -5.383 ± 0.306 $\chi^2/\text{NDF}: 845.6/37$

Out: -5.427 ± 0.299 $\chi^2/\text{NDF}: 1025.2/41$

All: -5.406 ± 0.214 $\chi^2/\text{NDF}: 1870.9/79$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 55.524 $\pm$ 0.415 χ^2 /NDF:4006.1/22

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 55.138 $\pm$ 0.422 χ^2 /NDF:1608.1/20

Left: 55.334 $\pm$ 0.296 χ^2 /NDF: 5614.6/43

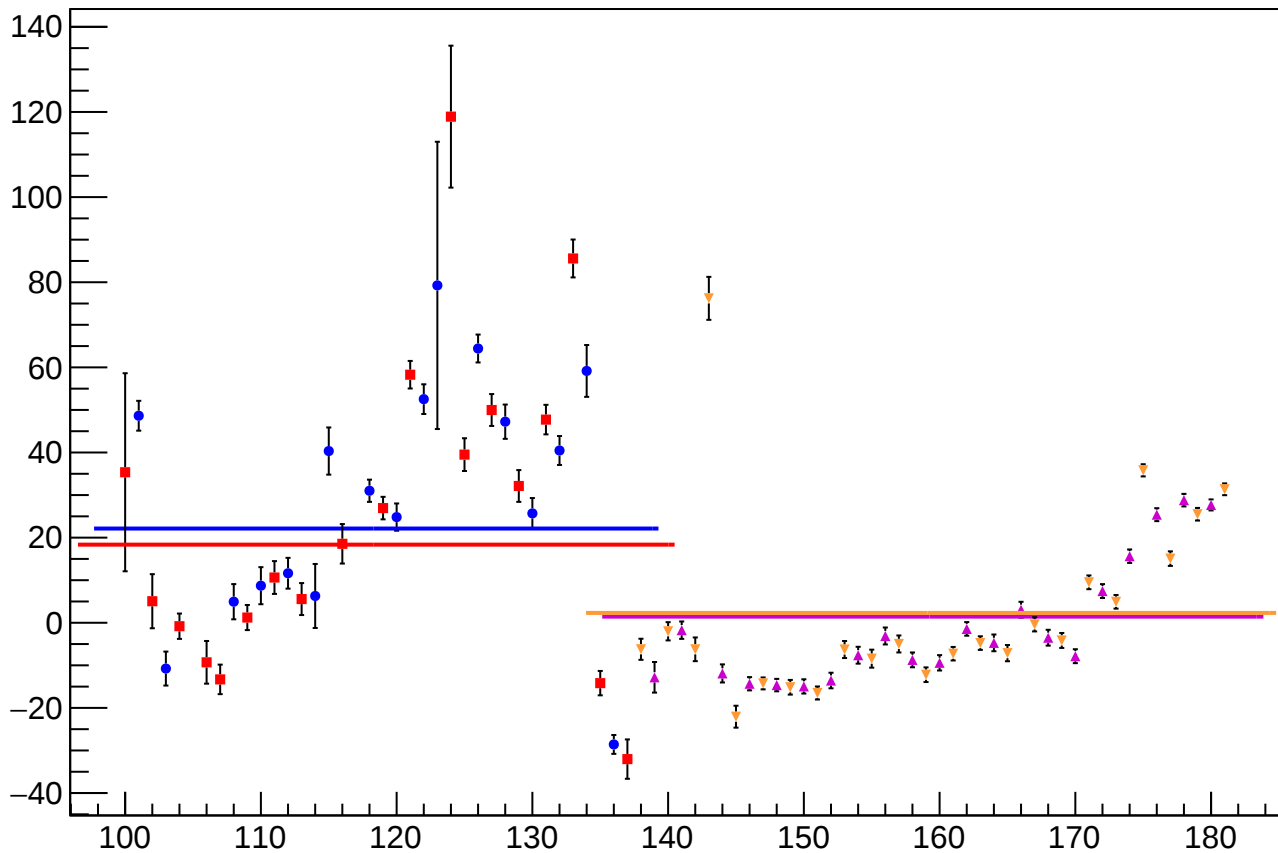
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 60.221 $\pm$ 0.404 χ^2 /NDF:5541.5/37

Out: 60.631 $\pm$ 0.397 χ^2 /NDF:7931.2/41

All: 60.430 $\pm$ 0.283 χ^2 /NDF: 13473.3/79

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: 2.316 $\pm$ 0.369 χ^2 /NDF:2253.2/22

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: 1.444 $\pm$ 0.376 χ^2 /NDF:1689.2/20

Left: 1.888 $\pm$ 0.263 χ^2 /NDF: 3945.1/43

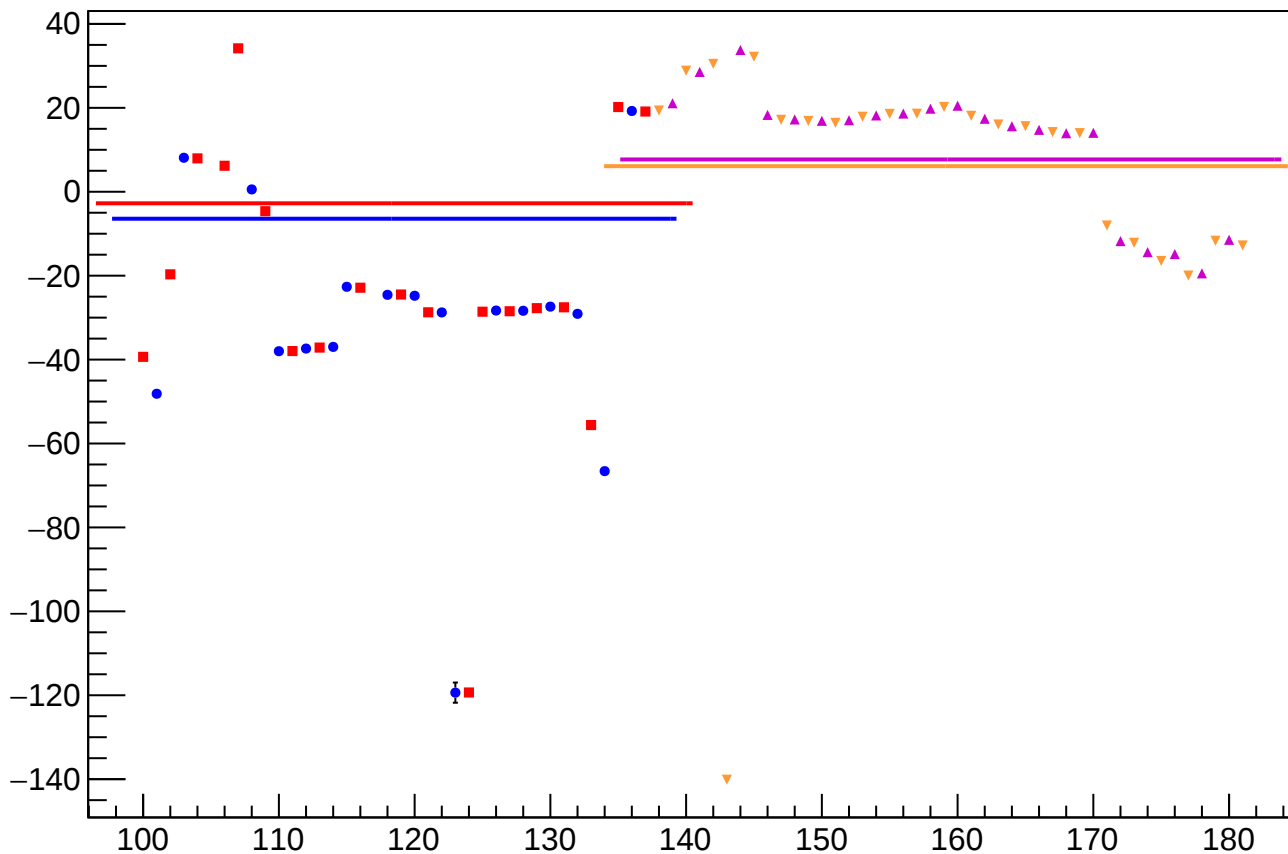
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 4.568 $\pm$ 0.346 χ^2 /NDF:3211.0/37

Out: 4.753 $\pm$ 0.340 χ^2 /NDF:3611.4/41

All: 4.663 $\pm$ 0.242 χ^2 /NDF: 6822.6/79

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: 6.096 ± 0.017 χ^2/NDF : 1188154.4/22

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 7.696 ± 0.017 χ^2/NDF : 846329.4/20

Left: 6.894 ± 0.012 χ^2/NDF : 2038895.0/43

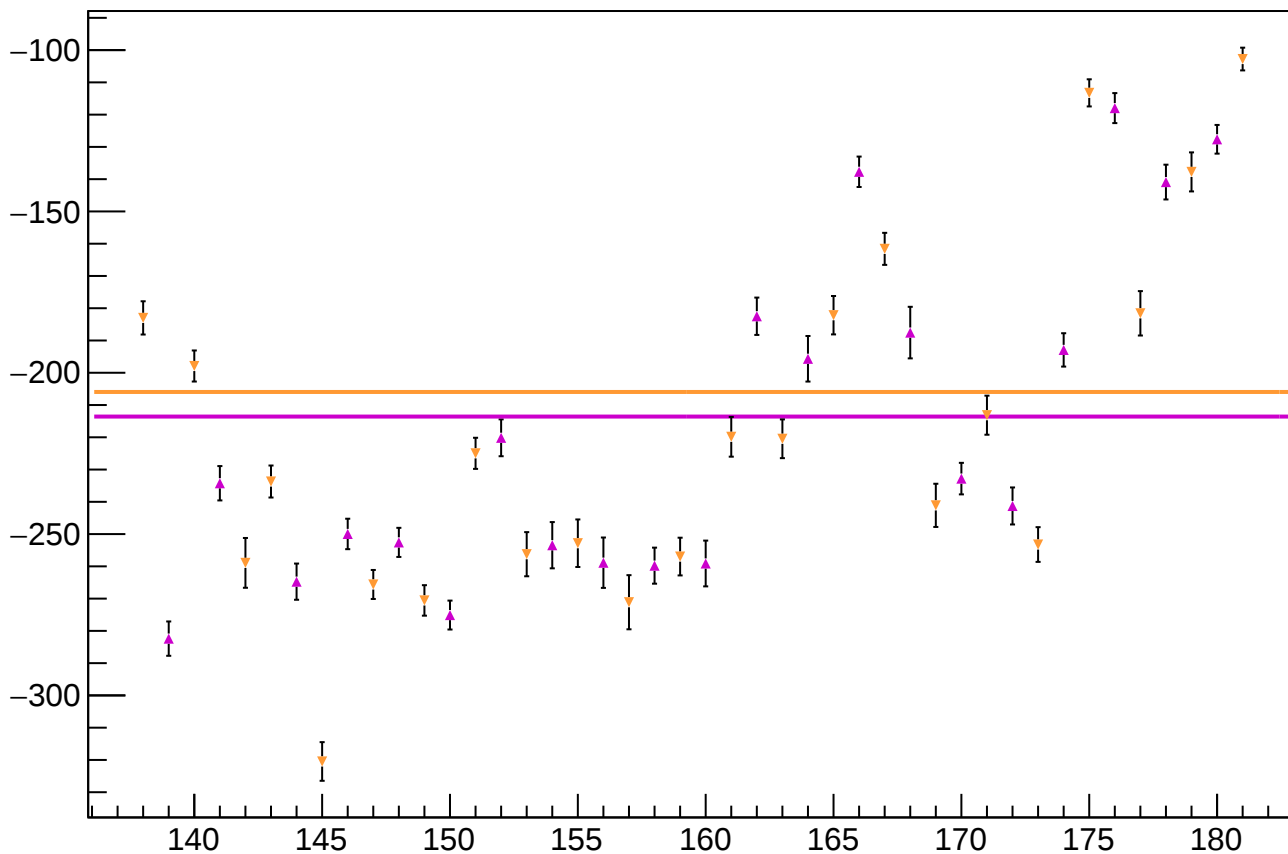
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 6.003 ± 0.016 χ^2/NDF : 1193711.8/37

Out: 5.018 ± 0.016 χ^2/NDF : 1487394.0/41

All: 5.509 ± 0.011 χ^2/NDF : 2683006.1/79

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: -205.951 ± 1.133 χ^2/NDF : 2772.0/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -213.576 ± 1.182 χ^2/NDF : 2101.5/20

Left: -209.603 ± 0.818 χ^2/NDF : 4895.2/43

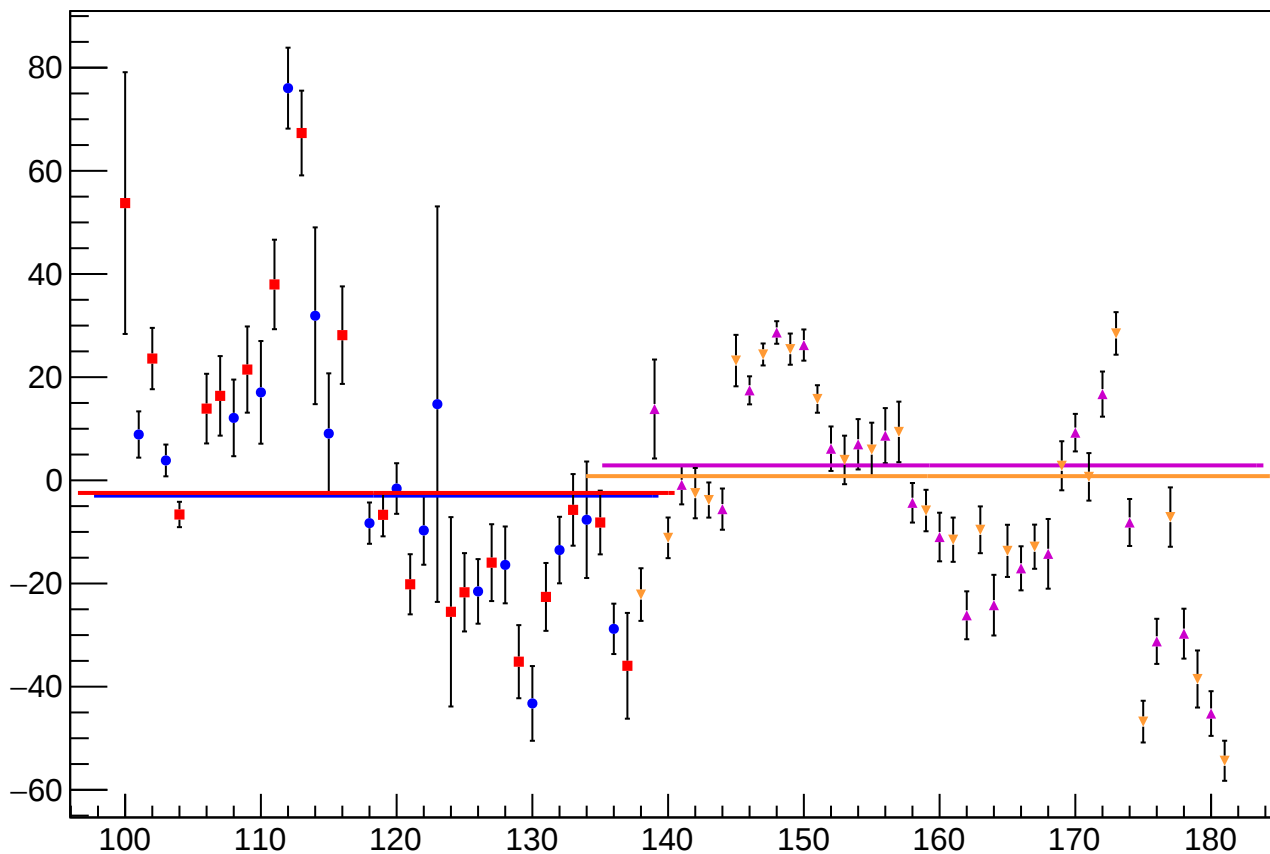
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -213.576 ± 1.182 χ^2/NDF : 2101.5/20

Out: -205.951 ± 1.133 χ^2/NDF : 2772.0/22

All: -209.603 ± 0.818 χ^2/NDF : 4895.2/43

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 0.813 ± 0.830 $\chi^2/\text{NDF}: 748.3/22$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 2.895 ± 0.871 $\chi^2/\text{NDF}: 585.8/20$

Left: 1.804 ± 0.601 $\chi^2/\text{NDF}: 1337.1/43$

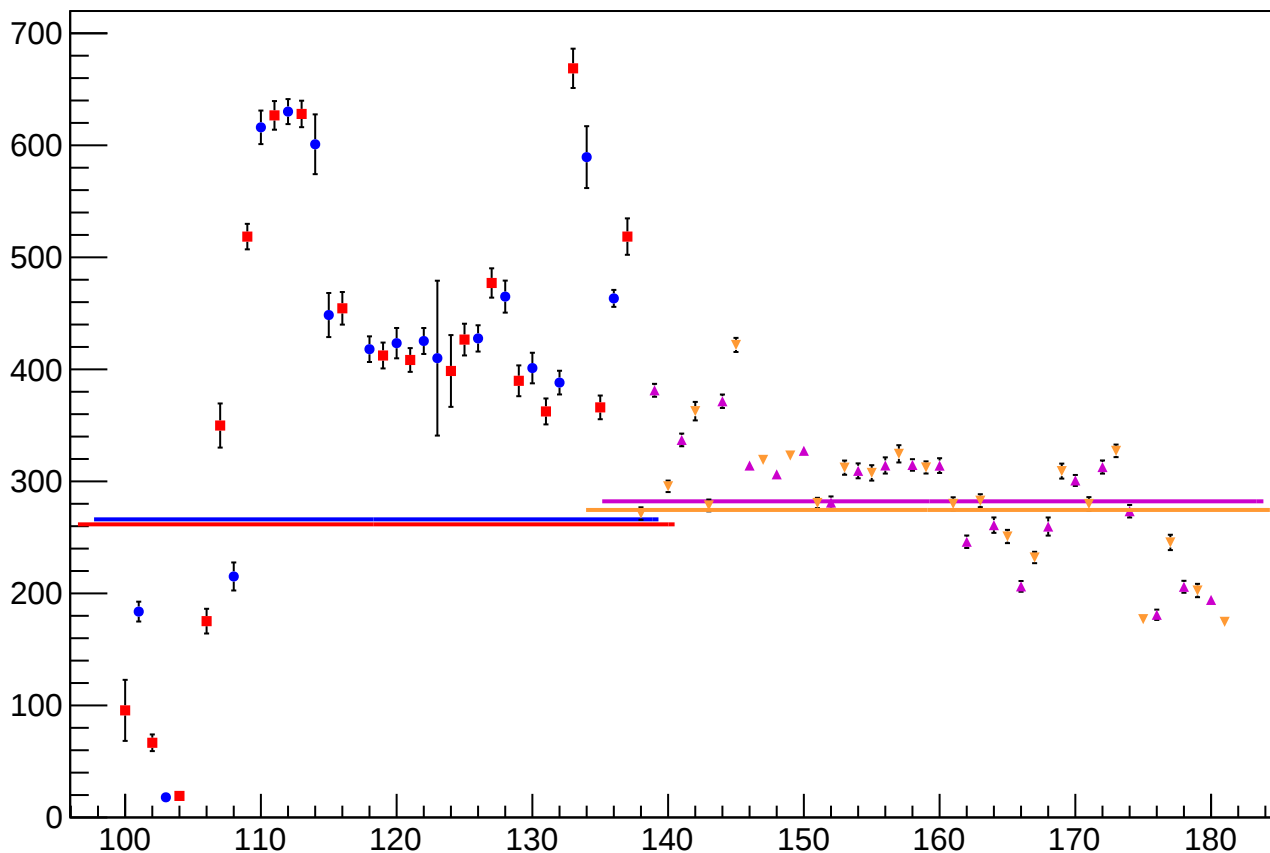
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 1.344 ± 0.747 $\chi^2/\text{NDF}: 801.3/37$

Out: -0.037 ± 0.714 $\chi^2/\text{NDF}: 967.7/41$

All: 0.622 ± 0.516 $\chi^2/\text{NDF}: 1770.8/79$

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: 274.500 $\pm$ 1.128 χ^2 /NDF: 2717.6/22

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 282.196 $\pm$ 1.167 χ^2 /NDF: 2346.4/20

Left: 278.219 $\pm$ 0.811 χ^2 /NDF: 5086.5/43

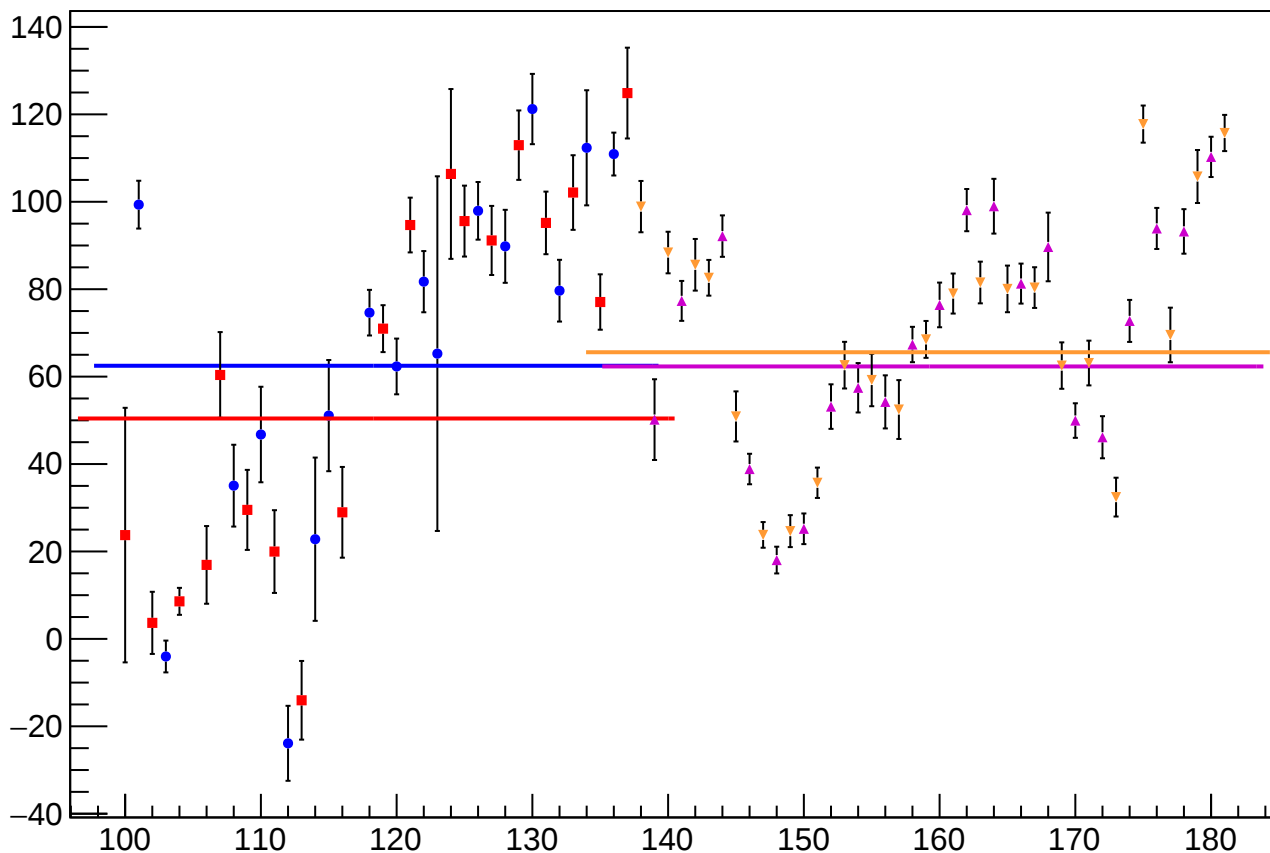
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 279.282 $\pm$ 1.056 χ^2 /NDF: 10024.8/37

Out: 272.261 $\pm$ 1.025 χ^2 /NDF: 10949.7/41

All: 275.669 $\pm$ 0.735 χ^2 /NDF: 20997.3/79

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 65.580 $\pm$ 0.966 χ^2 /NDF: 933.6/22

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 62.328 $\pm$ 1.008 χ^2 /NDF: 768.5/20

Left: 64.022 $\pm$ 0.698 χ^2 /NDF: 1707.5/43

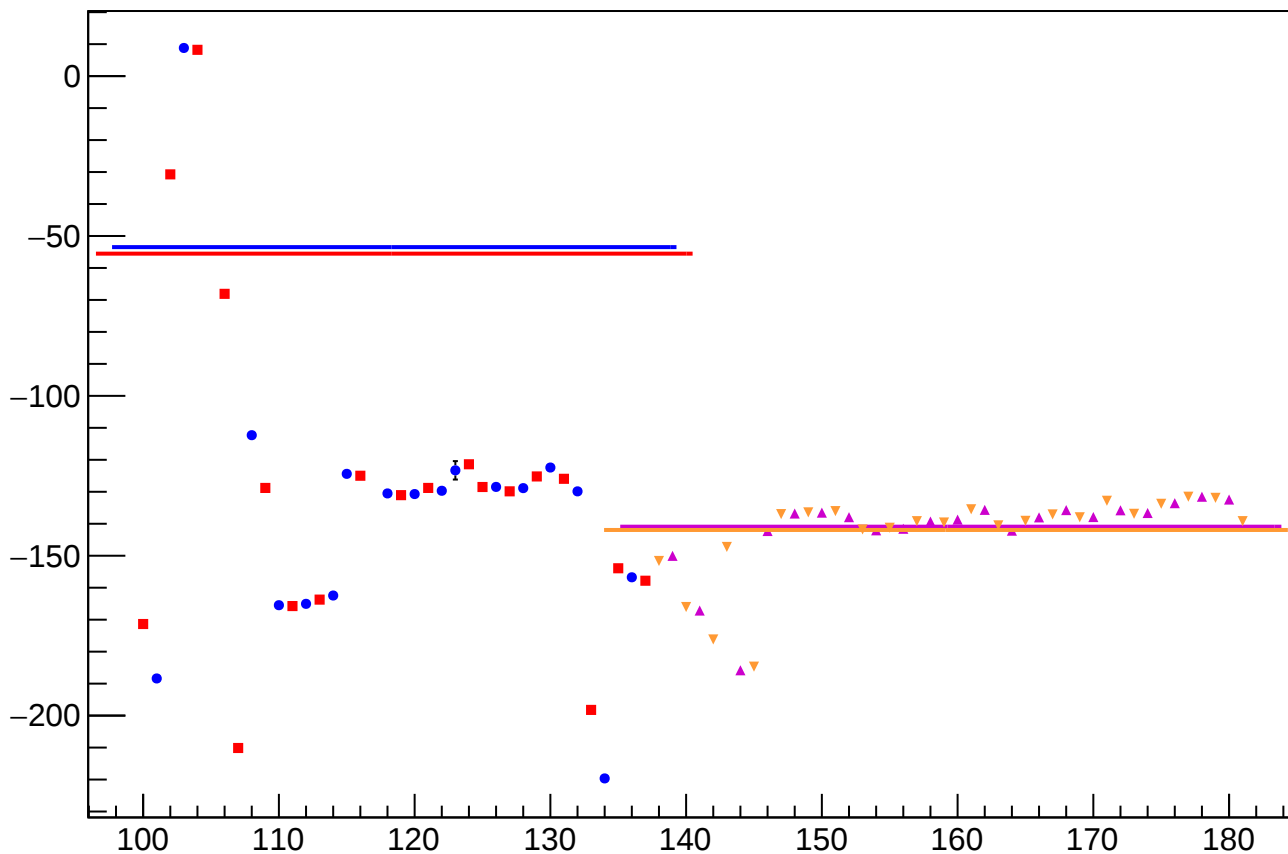
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 62.369 $\pm$ 0.864 χ^2 /NDF: 1489.3/37

Out: 61.679 $\pm$ 0.833 χ^2 /NDF: 1648.4/41

All: 62.011 $\pm$ 0.600 χ^2 /NDF: 3138.0/79

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -141.944 $\pm$ 0.046 χ^2 /NDF: 65799.4/22

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -140.915 $\pm$ 0.047 χ^2 /NDF: 52385.2/20

Left: -141.438 $\pm$ 0.033 χ^2 /NDF: 118425.6/43

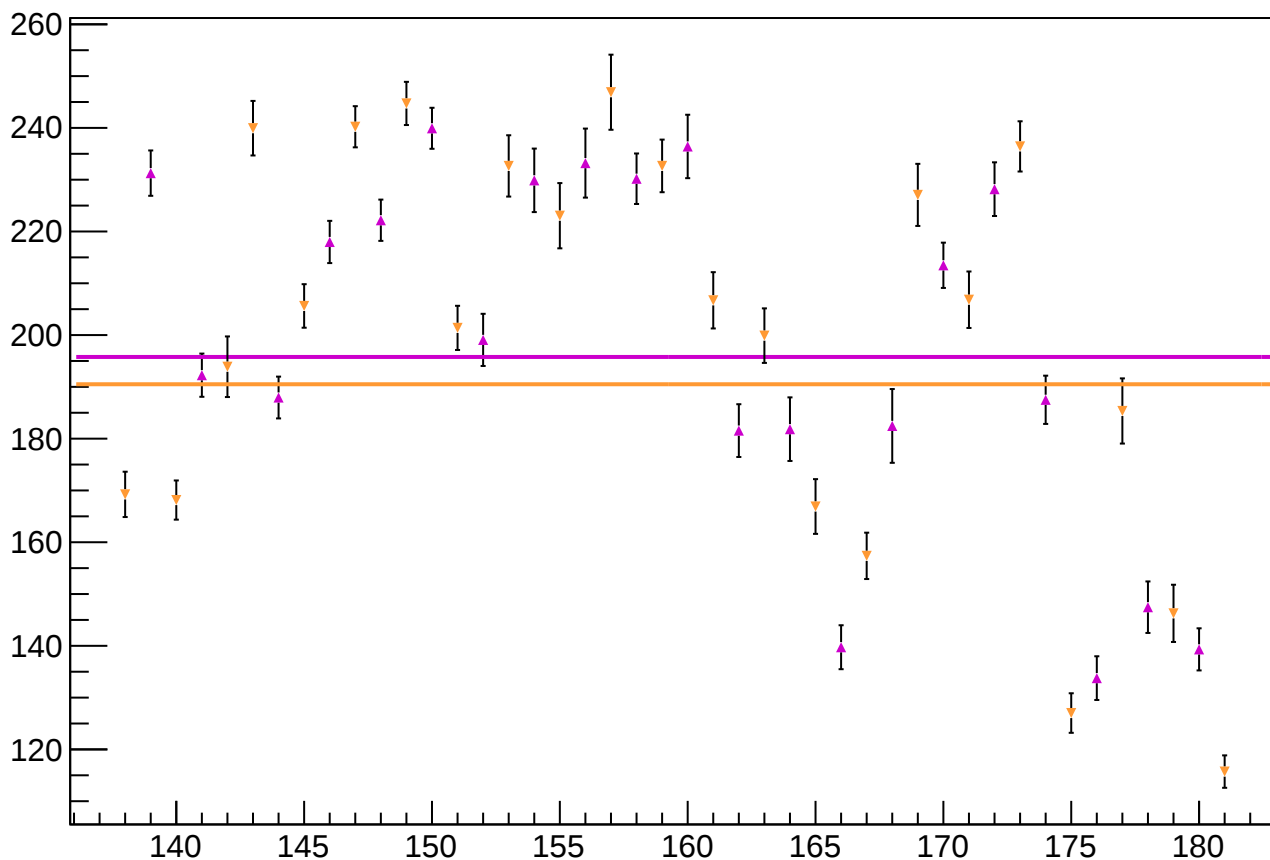
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -113.738 $\pm$ 0.039 χ^2 /NDF: 2346882.0/37

Out: -116.486 $\pm$ 0.039 χ^2 /NDF: 2054952.5/41

All: -115.118 $\pm$ 0.028 χ^2 /NDF: 4404303.3/79

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: 190.504+/-0.990 χ^2/NDF :1833.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Left: 193.044+/-0.713 χ^2/NDF : 3024.7/43

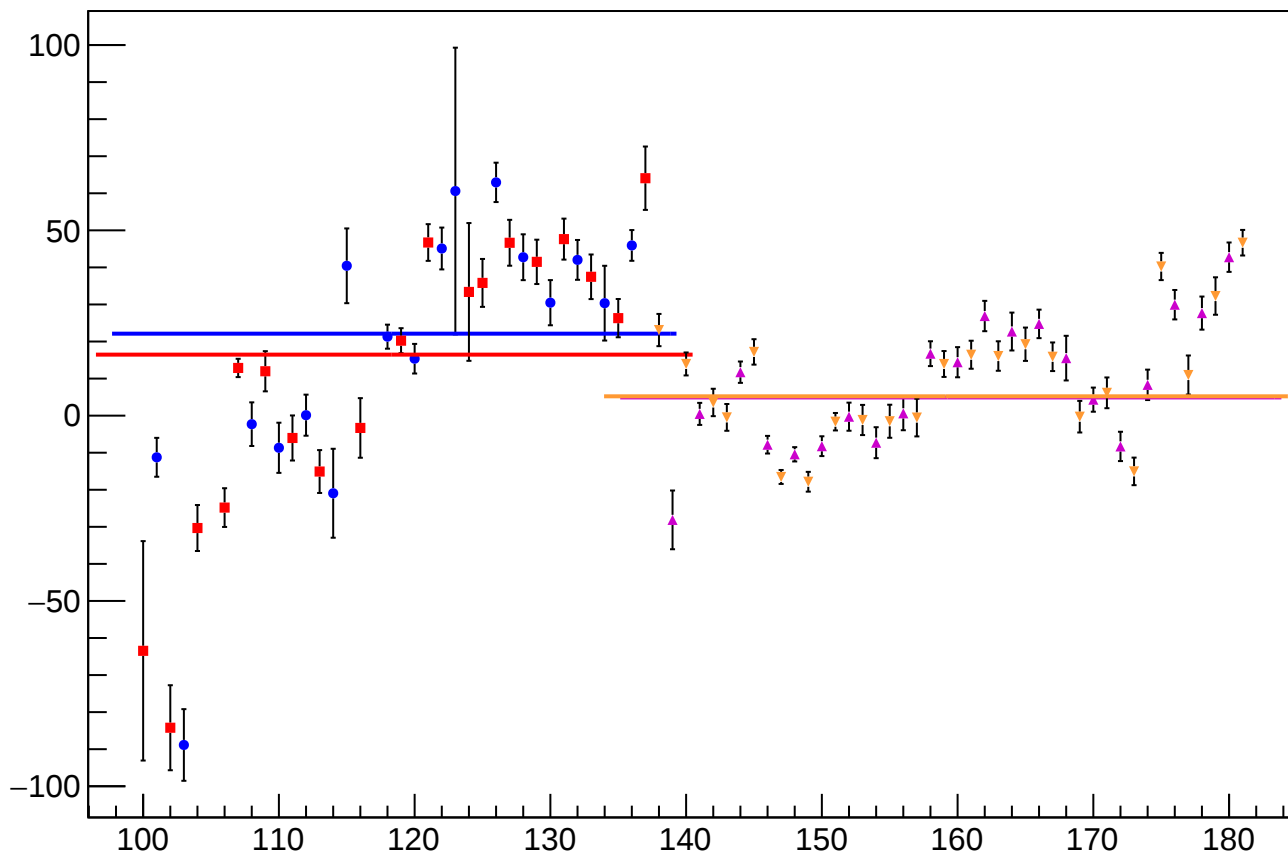
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Out: 190.504+/-0.990 χ^2/NDF :1833.4/22

All: 193.044+/-0.713 χ^2/NDF : 3024.7/43

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 5.216 ± 0.727 $\chi^2/\text{NDF}: 598.5/22$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 4.914 ± 0.757 $\chi^2/\text{NDF}: 409.9/20$

Left: 5.071 ± 0.524 $\chi^2/\text{NDF}: 1008.5/43$

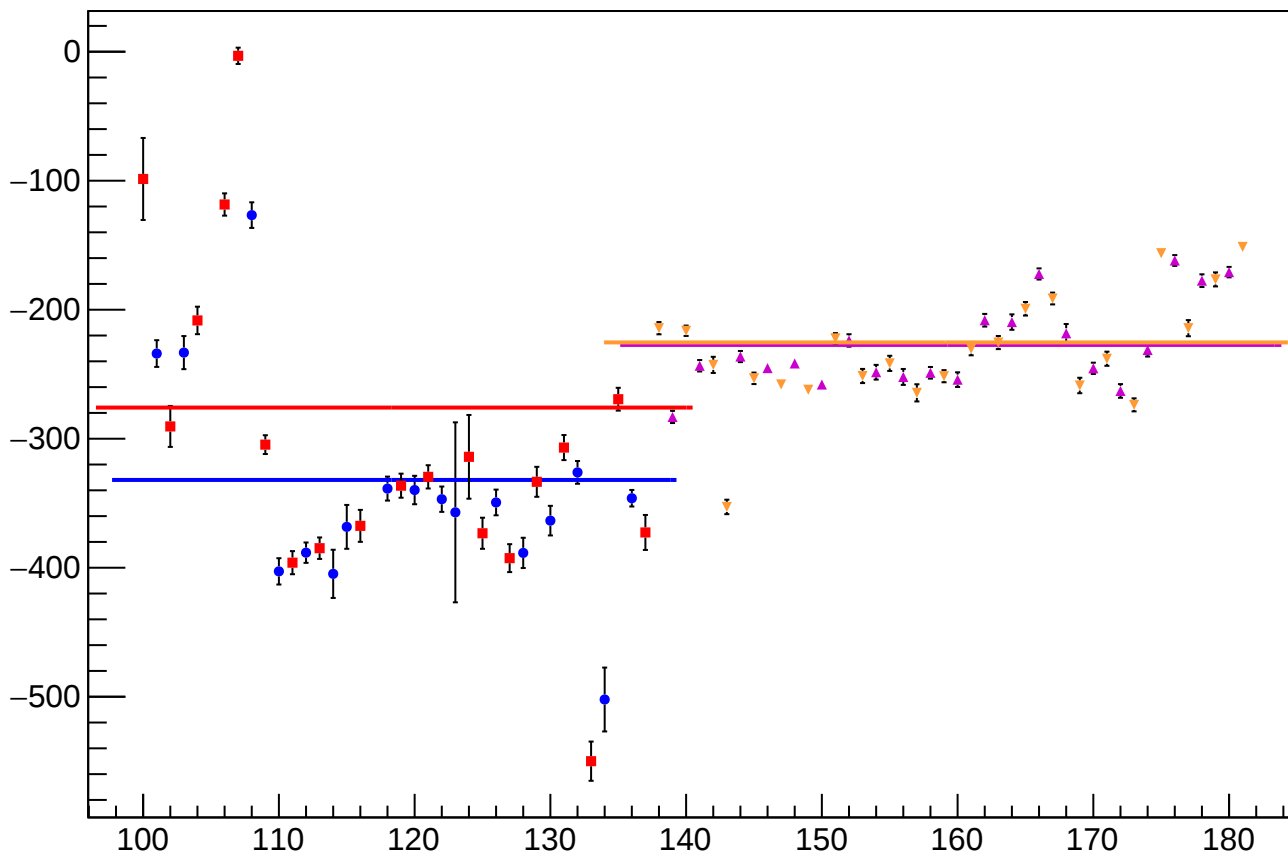
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 8.906 ± 0.663 $\chi^2/\text{NDF}: 911.9/37$

Out: 8.134 ± 0.625 $\chi^2/\text{NDF}: 1084.7/41$

All: 8.497 ± 0.455 $\chi^2/\text{NDF}: 1997.3/79$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -225.349 ± 0.988 χ^2/NDF : 1974.0/22

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -227.301 ± 1.016 χ^2/NDF : 1129.9/20

Left: -226.297 ± 0.708 χ^2/NDF : 3105.9/43

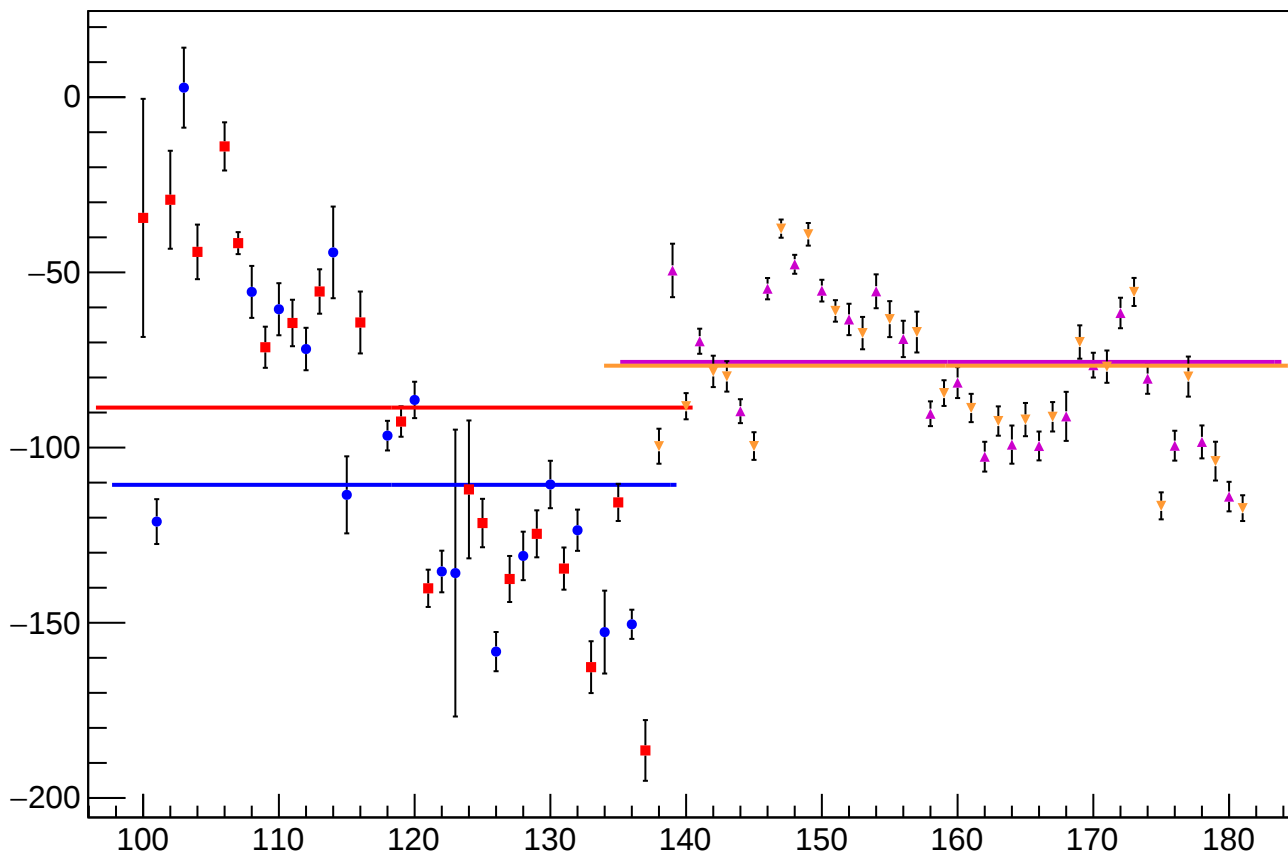
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -241.475 ± 0.945 χ^2/NDF : 3352.1/37

Out: -233.079 ± 0.909 χ^2/NDF : 5735.9/41

All: -237.115 ± 0.655 χ^2/NDF : 9129.0/79

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: -76.630 ± 0.846 χ^2/NDF : 800.4/22

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -75.558 ± 0.876 χ^2/NDF : 521.4/20

Left: -76.112 ± 0.609 χ^2/NDF : 1322.6/43

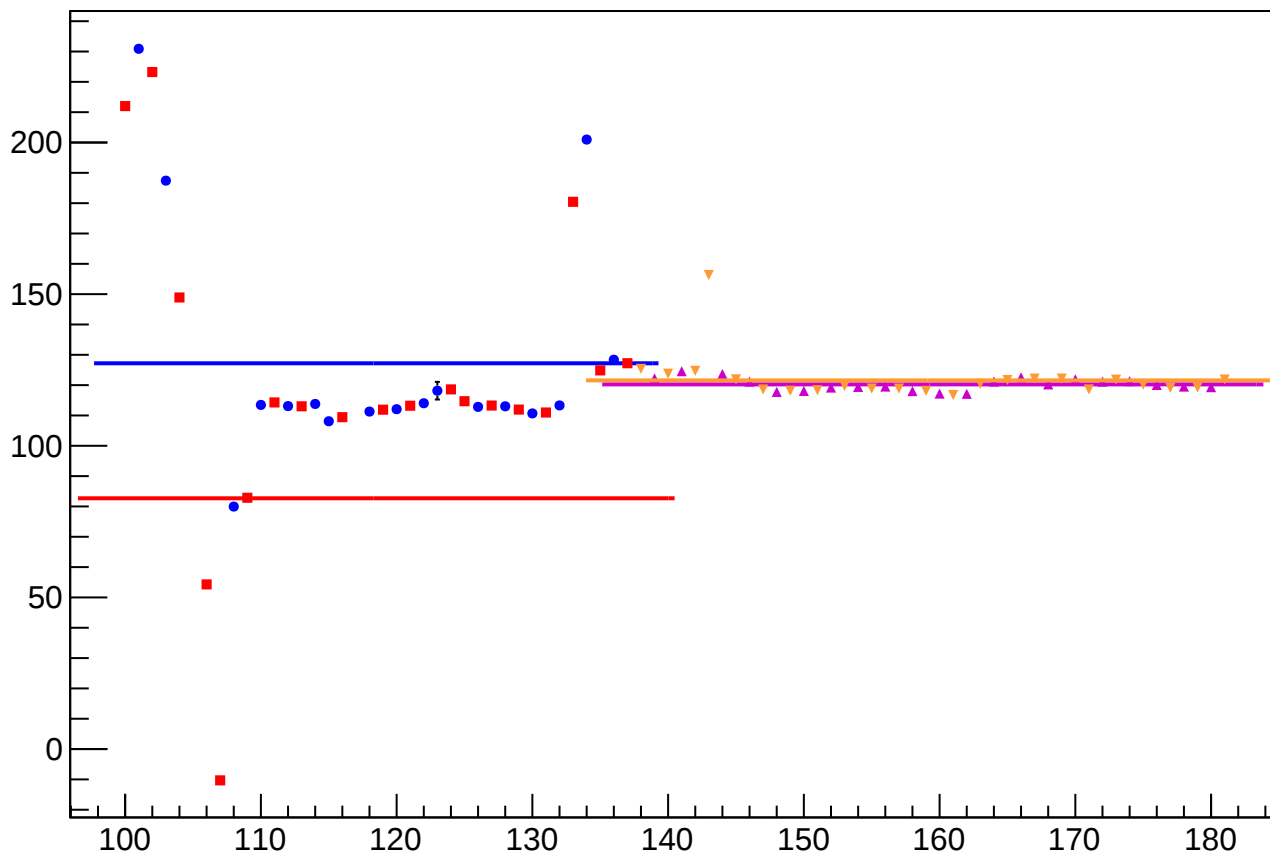
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -83.800 ± 0.766 χ^2/NDF : 1406.8/37

Out: -79.722 ± 0.729 χ^2/NDF : 1818.6/41

All: -81.659 ± 0.528 χ^2/NDF : 3240.2/79

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: 121.569 $\pm$ 0.041 χ^2 /NDF: 27308.1/22

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.247 $\pm$ 0.041 χ^2 /NDF: 2593.6/20

Left: 120.916 $\pm$ 0.029 χ^2 /NDF: 30425.9/43

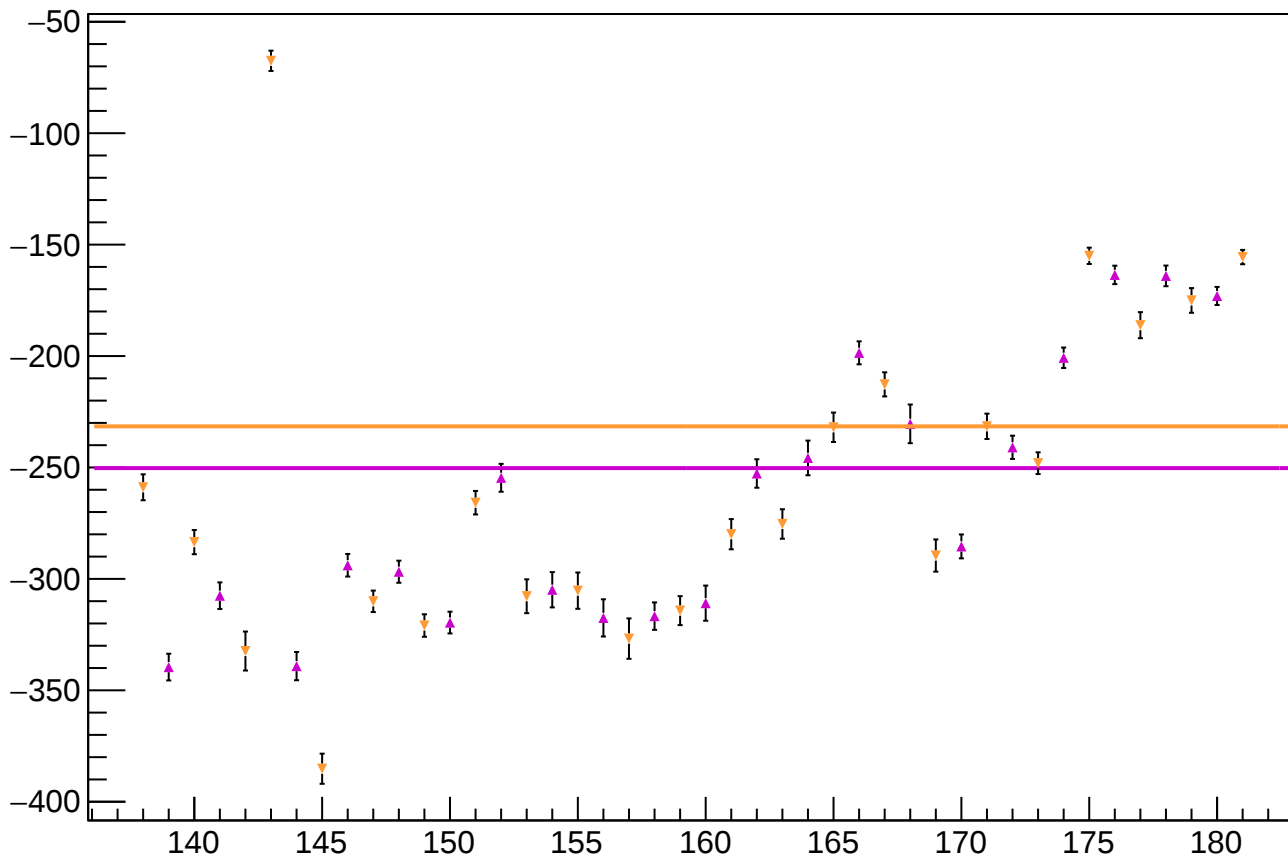
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.465 $\pm$ 0.037 χ^2 /NDF: 195646.2/37

Out: 112.809 $\pm$ 0.036 χ^2 /NDF: 999631.9/41

All: 116.952 $\pm$ 0.026 χ^2 /NDF: 1223365.9/79

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: -231.550+/-1.147 χ^2/NDF : 4478.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.285+/-1.215 χ^2/NDF : 2580.7/20

Left: -240.381+/-0.834 χ^2/NDF : 7185.1/43

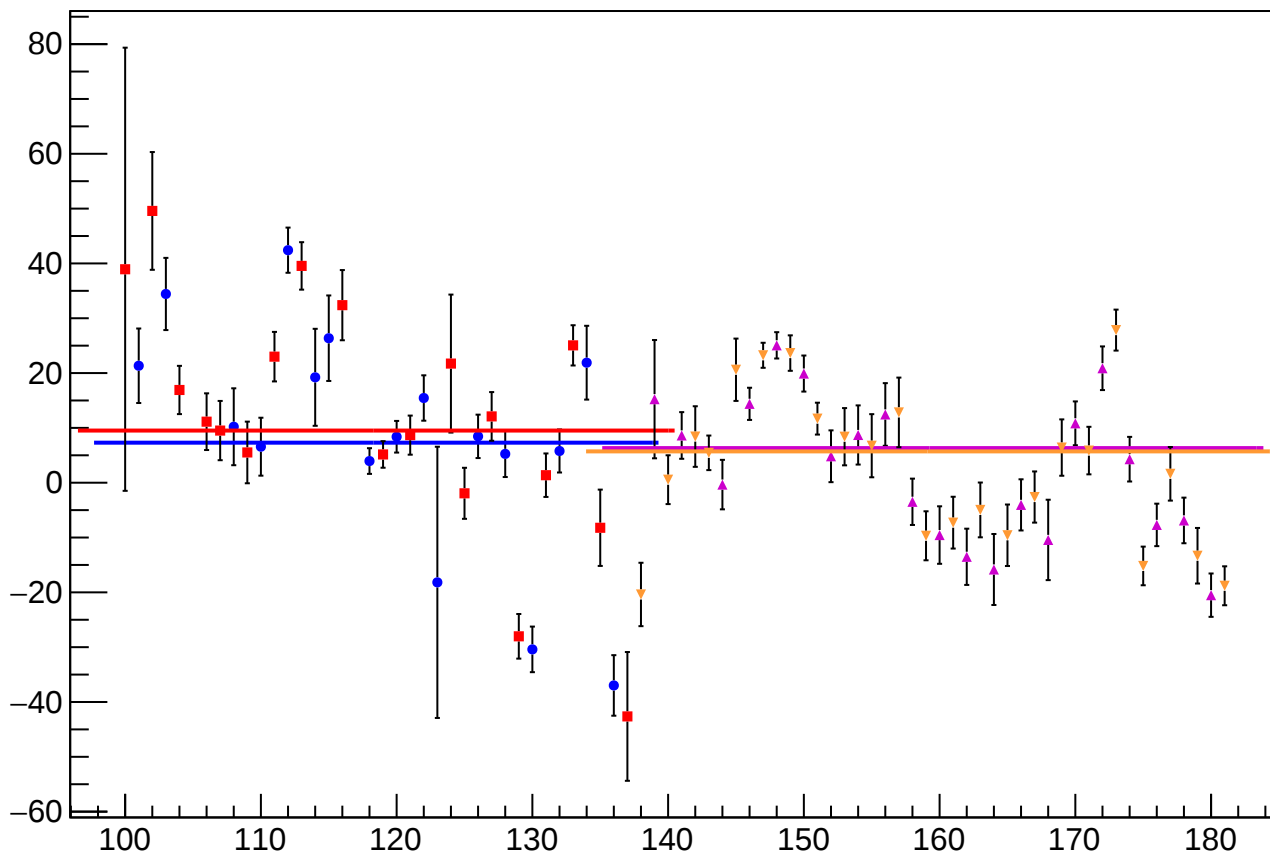
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.285+/-1.215 χ^2/NDF : 2580.7/20

Out: -231.550+/-1.147 χ^2/NDF : 4478.7/22

All: -240.381+/-0.834 χ^2/NDF : 7185.1/43

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 5.713 ± 0.858 χ^2/NDF : 291.5/22

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 6.313 ± 0.914 χ^2/NDF : 225.6/20

Left: 5.994 ± 0.626 χ^2/NDF : 517.4/43

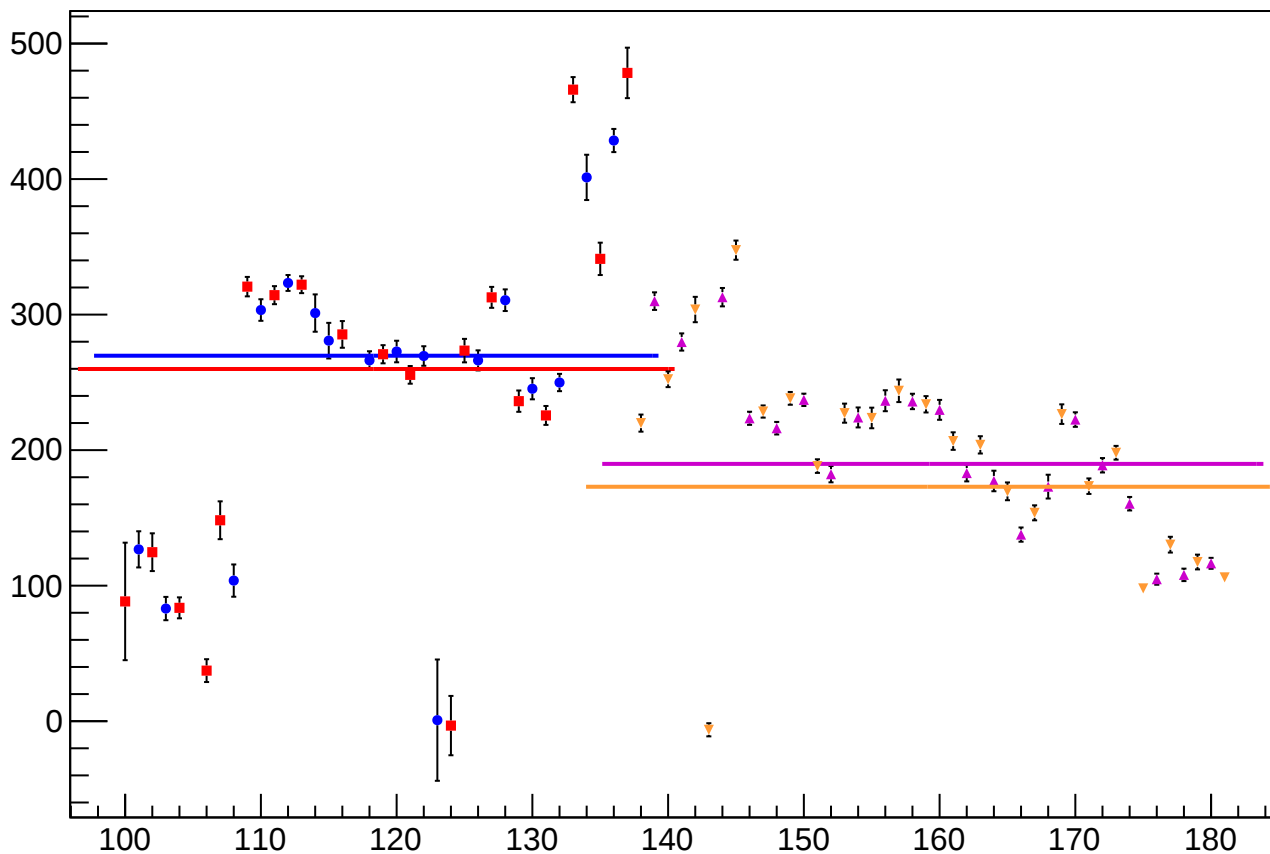
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 6.724 ± 0.699 χ^2/NDF : 486.7/37

Out: 7.196 ± 0.670 χ^2/NDF : 530.8/41

All: 6.970 ± 0.484 χ^2/NDF : 1017.8/79

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: 172.978 $\pm$ 1.146 χ^2 /NDF: 4161.8/22

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 189.845 $\pm$ 1.202 χ^2 /NDF: 2472.8/20

Left: 181.003 $\pm$ 0.829 χ^2 /NDF: 6737.8/43

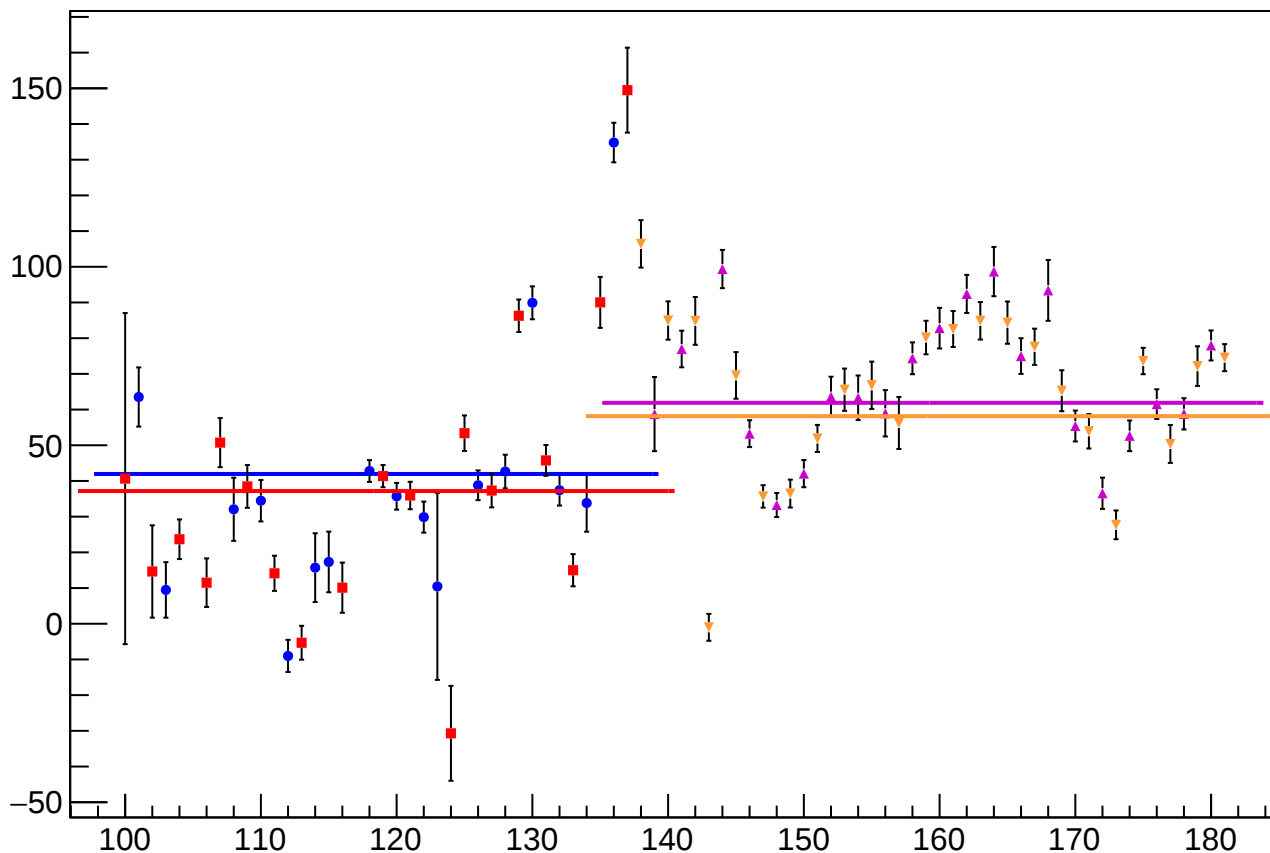
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 209.896 $\pm$ 1.041 χ^2 /NDF: 4956.3/37

Out: 194.822 $\pm$ 0.991 χ^2 /NDF: 8152.0/41

All: 201.993 $\pm$ 0.718 χ^2 /NDF: 13218.3/79

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: 58.159 $\pm$ 0.993 χ^2 /NDF:640.7/22

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 61.890 $\pm$ 1.049 χ^2 /NDF:321.5/20

Left: 59.923 $\pm$ 0.721 χ^2 /NDF: 969.0/43

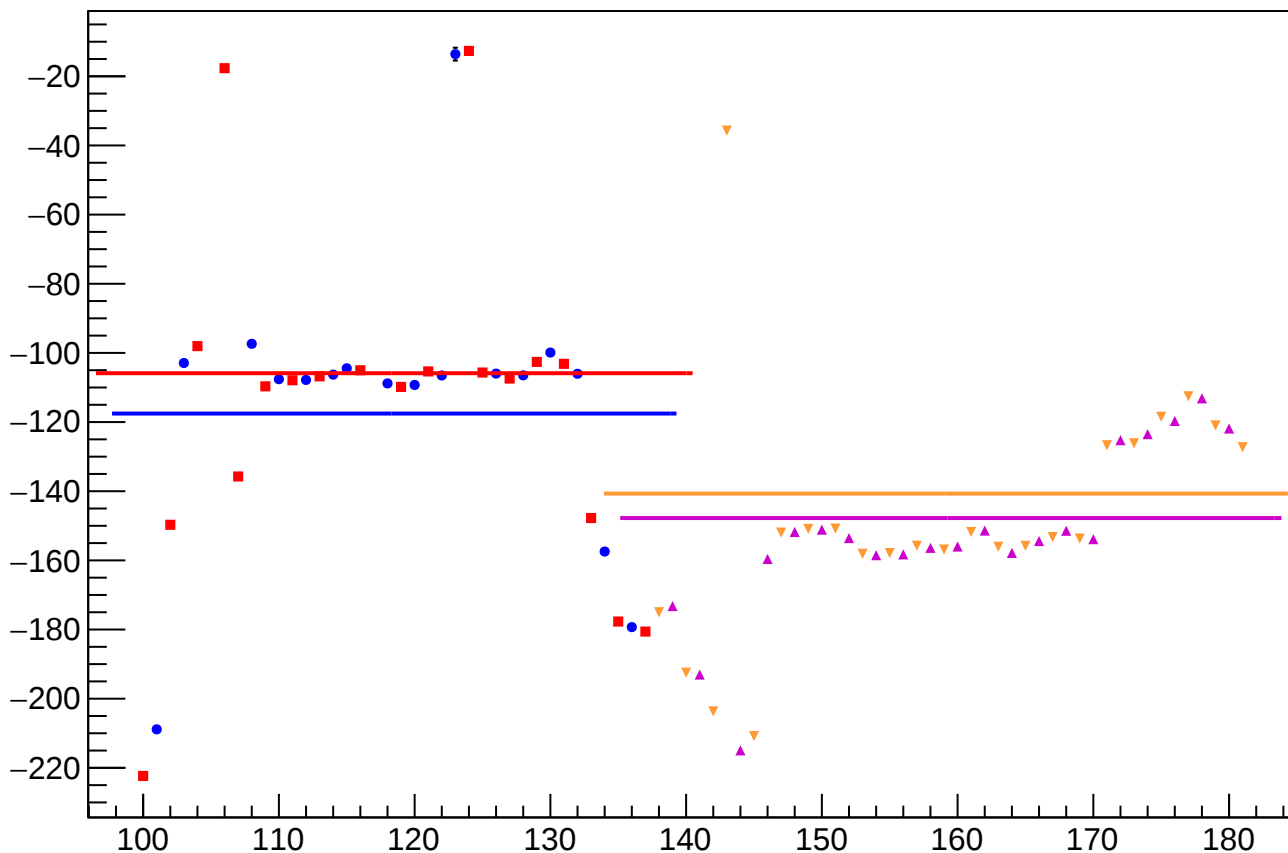
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 53.717 $\pm$ 0.806 χ^2 /NDF:1043.8/37

Out: 49.924 $\pm$ 0.774 χ^2 /NDF:1286.9/41

All: 51.745 $\pm$ 0.558 χ^2 /NDF: 2342.2/79

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -140.680 ± 0.048 $\chi^2/\text{NDF}: 534677.3/22$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -147.759 ± 0.049 $\chi^2/\text{NDF}: 205330.6/20$

Left: -144.115 ± 0.034 $\chi^2/\text{NDF}: 750752.5/43$

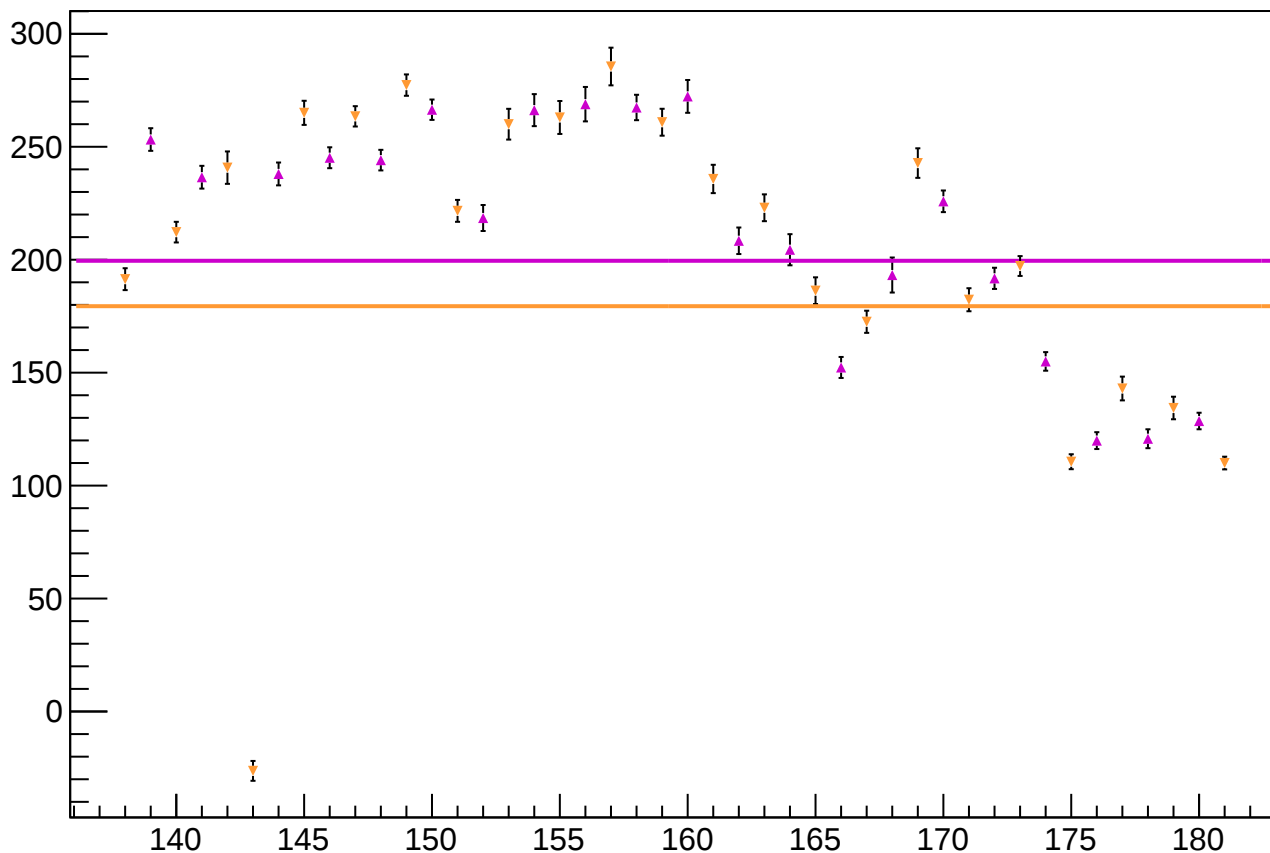
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -139.227 ± 0.042 $\chi^2/\text{NDF}: 454802.0/37$

Out: -130.258 ± 0.040 $\chi^2/\text{NDF}: 1019311.1/41$

All: -134.556 ± 0.029 $\chi^2/\text{NDF}: 1498430.7/79$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 179.426 $\pm$ 1.027 χ^2/NDF :5469.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 199.531 $\pm$ 1.088 χ^2/NDF :2510.1/20

Left: 188.904 $\pm$ 0.747 χ^2/NDF : 8160.2/43

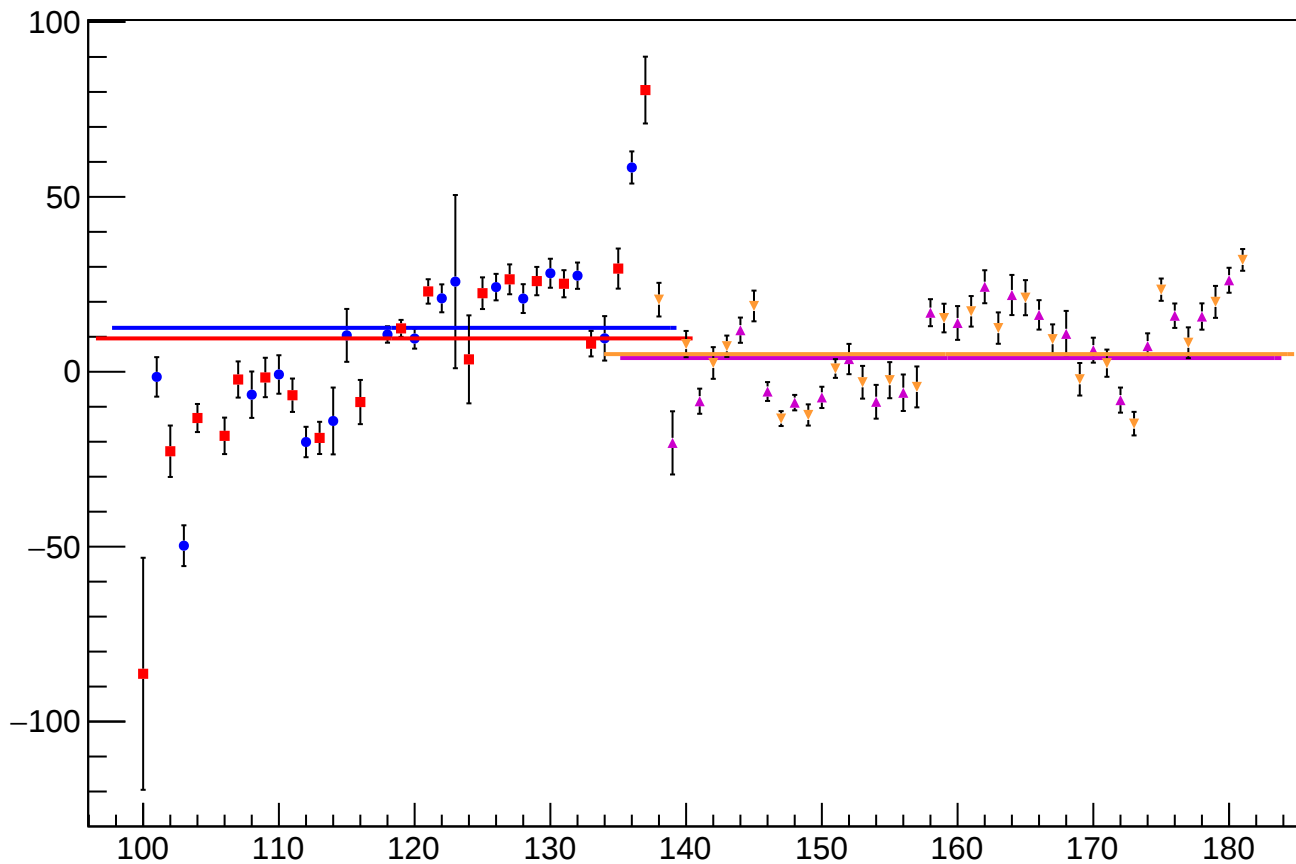
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 199.531 $\pm$ 1.088 χ^2/NDF :2510.1/20

Out: 179.426 $\pm$ 1.027 χ^2/NDF :5469.6/22

All: 188.904 $\pm$ 0.747 χ^2/NDF : 8160.2/43

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: 5.048+/-0.775 χ^2/NDF : 325.1/22

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 3.923+/-0.823 χ^2/NDF : 220.9/20

Left: 4.519+/-0.564 χ^2/NDF : 547.0/43

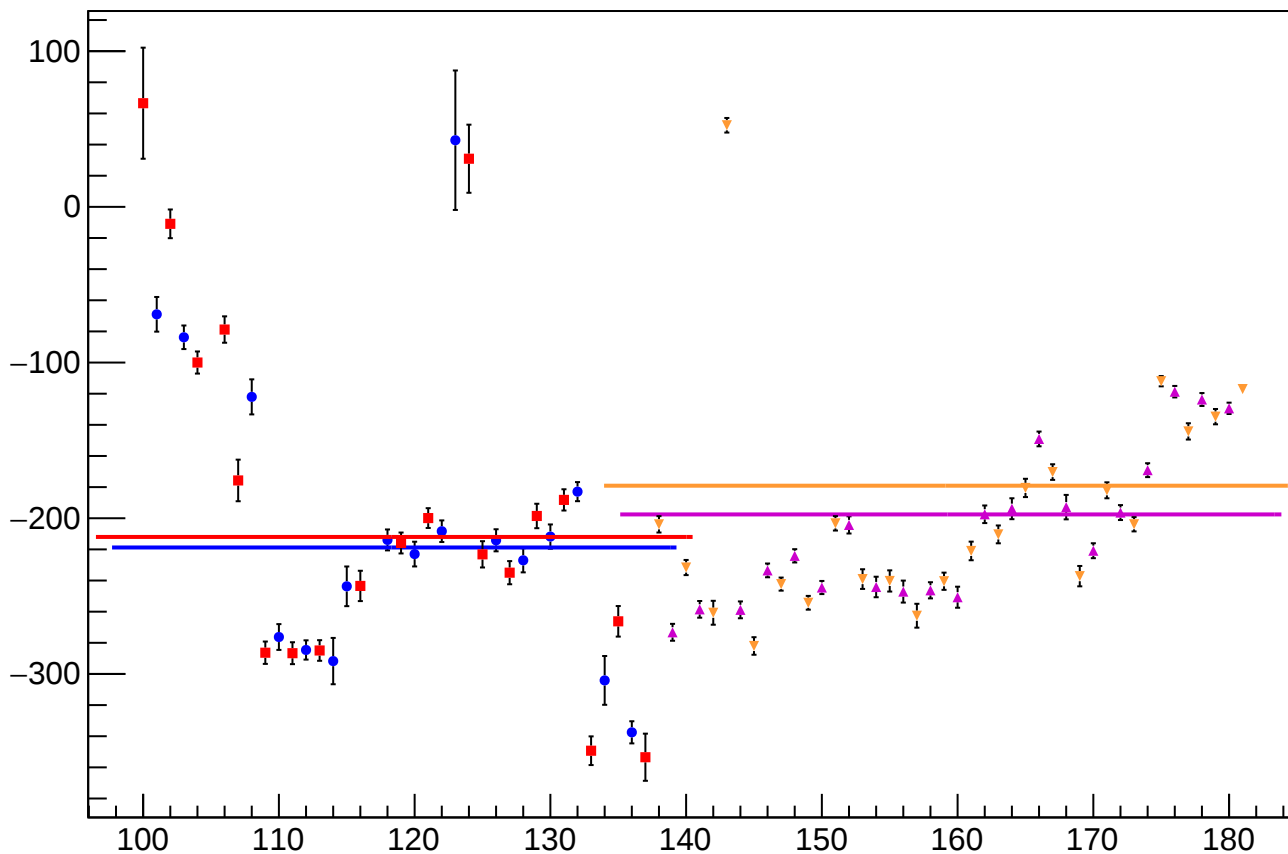
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 7.179+/-0.649 χ^2/NDF : 611.1/37

Out: 6.634+/-0.624 χ^2/NDF : 632.8/41

All: 6.896+/-0.450 χ^2/NDF : 1244.2/79

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -179.090 ± 1.028 $\chi^2/\text{NDF}: 5157.7/22$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -197.540 ± 1.079 $\chi^2/\text{NDF}: 2223.8/20$

Left: -187.869 ± 0.744 $\chi^2/\text{NDF}: 7534.7/43$

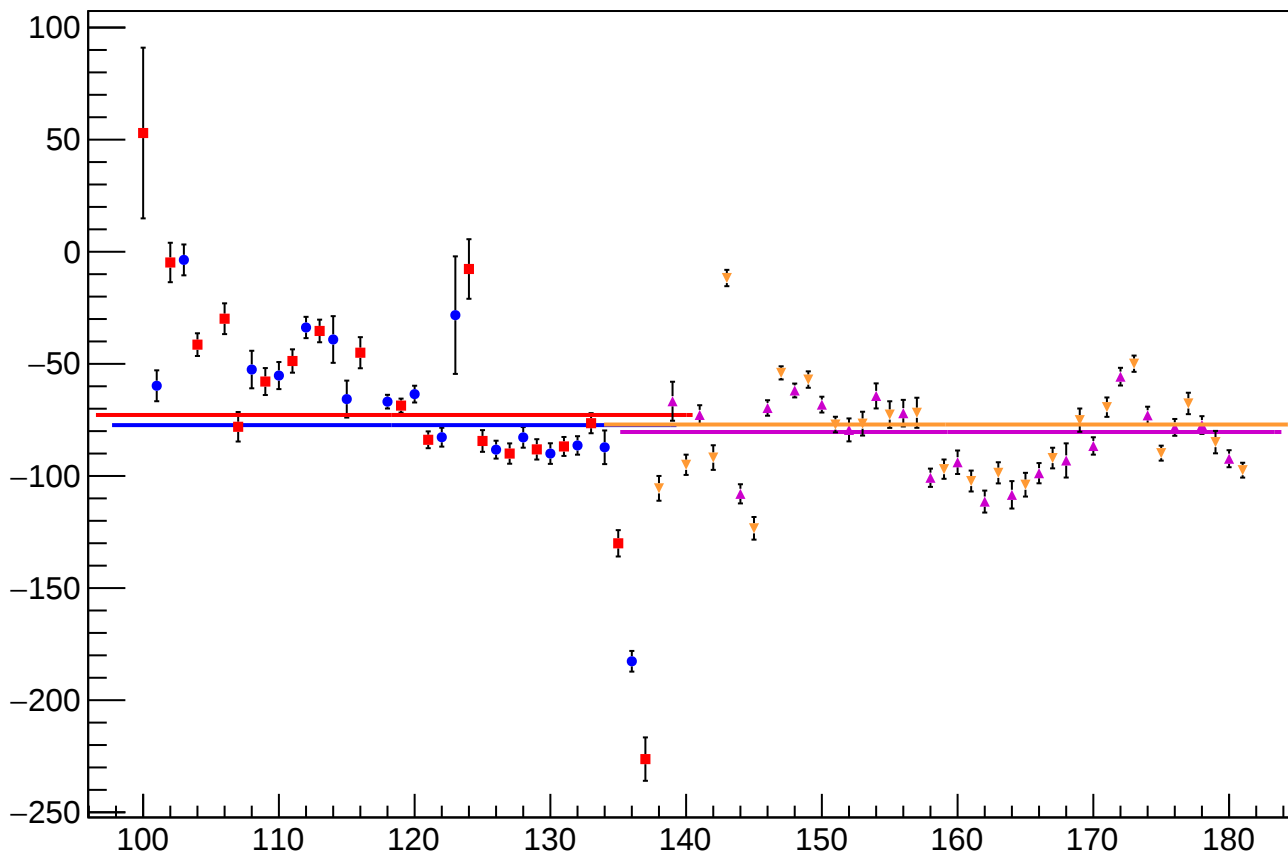
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -202.291 ± 0.951 $\chi^2/\text{NDF}: 3454.7/37$

Out: -186.405 ± 0.907 $\chi^2/\text{NDF}: 7271.1/41$

All: -193.971 ± 0.656 $\chi^2/\text{NDF}: 10872.0/79$

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: -77.049 ± 0.895 χ^2/NDF : 773.8/22

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.389 ± 0.944 χ^2/NDF : 283.4/20

Left: -78.632 ± 0.649 χ^2/NDF : 1063.8/43

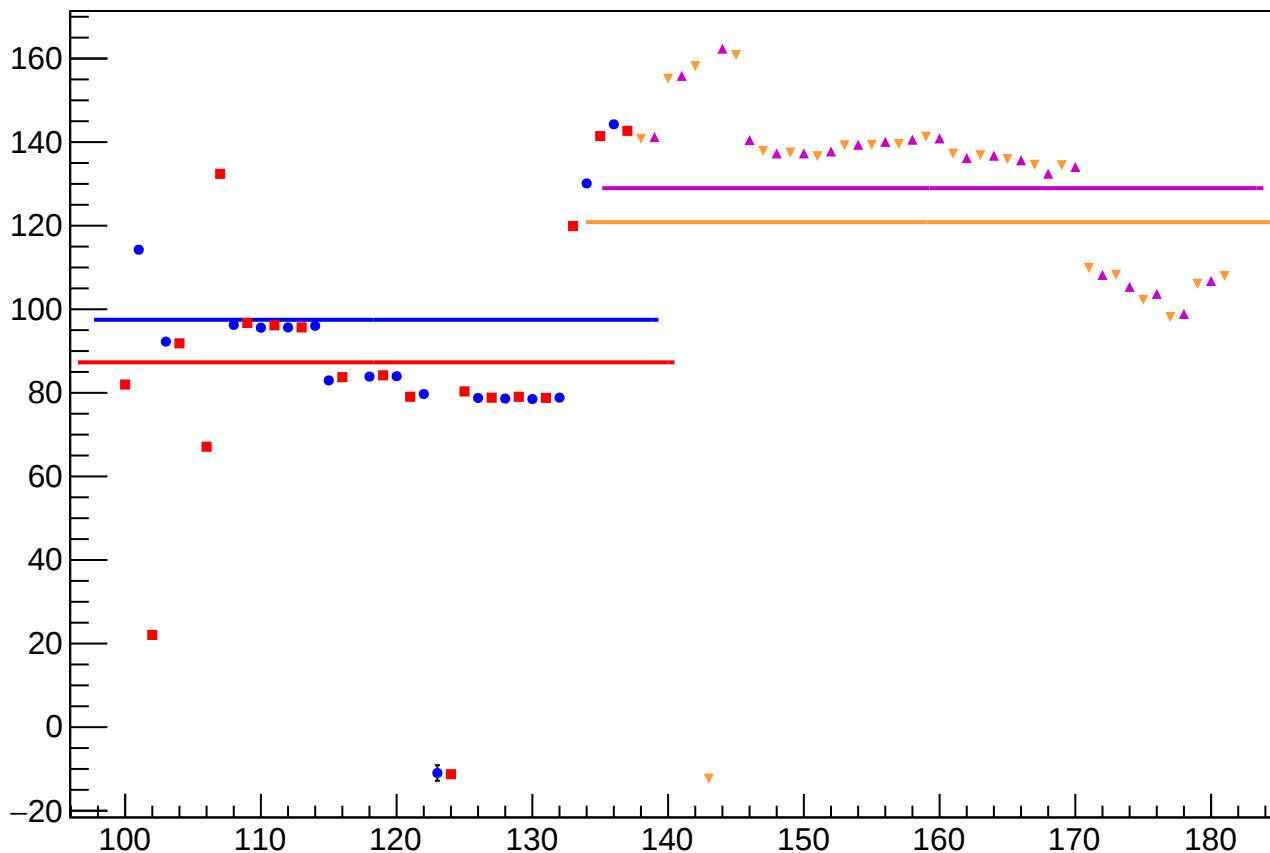
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.243 ± 0.747 χ^2/NDF : 1105.0/37

Out: -75.539 ± 0.719 χ^2/NDF : 1453.5/41

All: -77.321 ± 0.518 χ^2/NDF : 2571.3/79

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: 120.859+/-0.043 χ^2/NDF : 700857.8/22

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 128.978+/-0.044 χ^2/NDF : 160447.8/20

Left: 124.805+/-0.031 χ^2/NDF : 878858.1/43

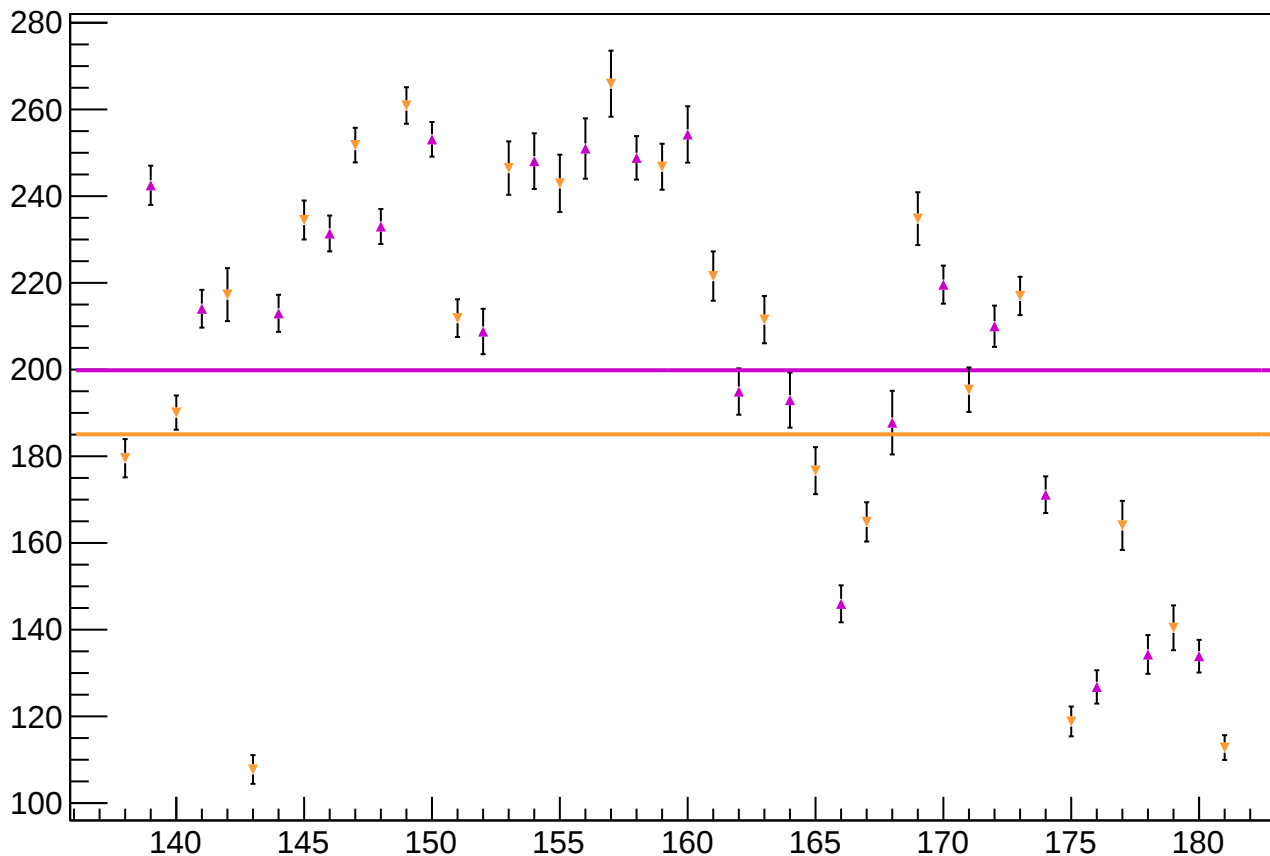
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 120.664+/-0.038 χ^2/NDF : 390482.5/37

Out: 111.405+/-0.036 χ^2/NDF : 1096566.5/41

All: 115.849+/-0.026 χ^2/NDF : 1518432.2/79

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: 185.072+/-0.955 χ^2/NDF :3072.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Left: 191.954+/-0.698 χ^2/NDF : 4993.0/43

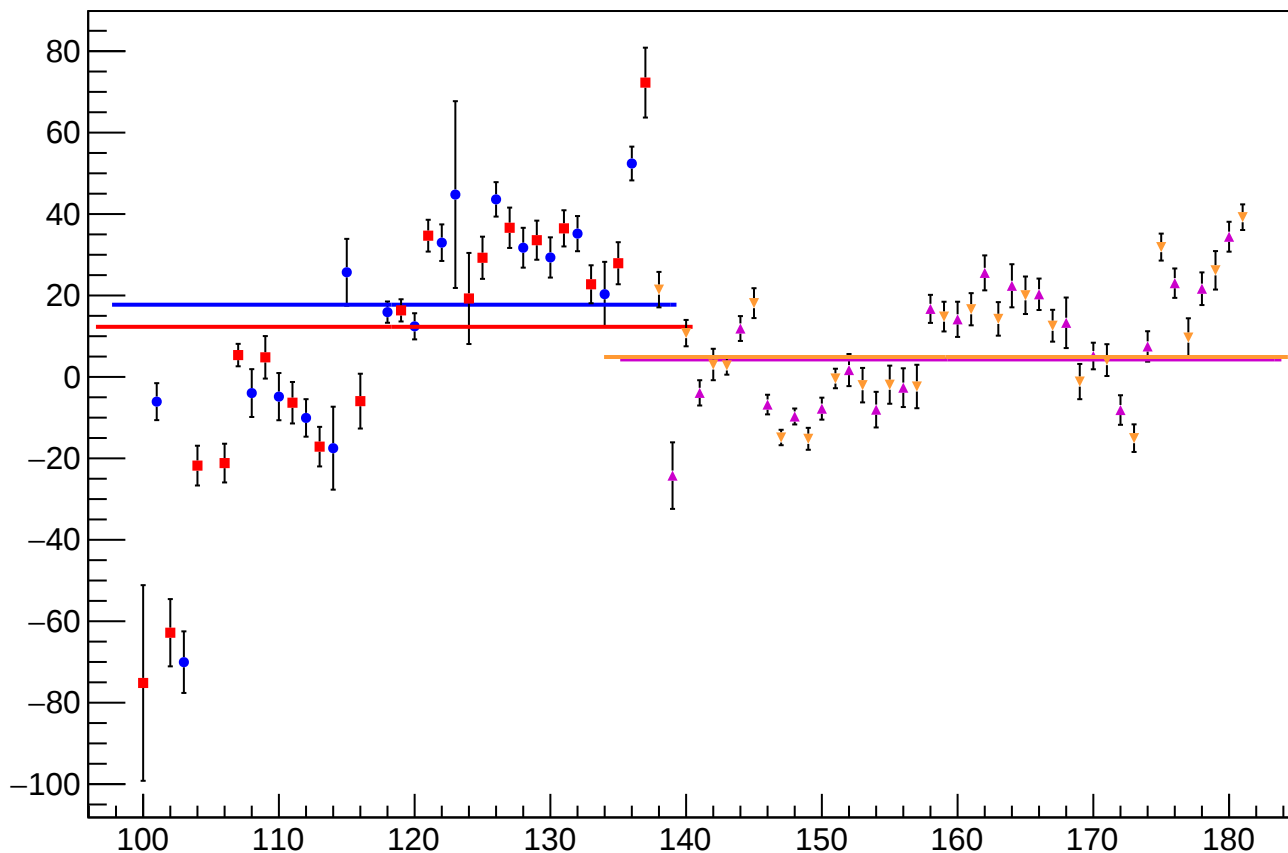
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Out: 185.072+/-0.955 χ^2/NDF :3072.8/22

All: 191.954+/-0.698 χ^2/NDF : 4993.0/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 4.893 ± 0.706 $\chi^2/\text{NDF}: 487.0/22$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: 4.294 ± 0.760 $\chi^2/\text{NDF}: 327.5/20$

Left: 4.616 ± 0.517 $\chi^2/\text{NDF}: 814.9/43$

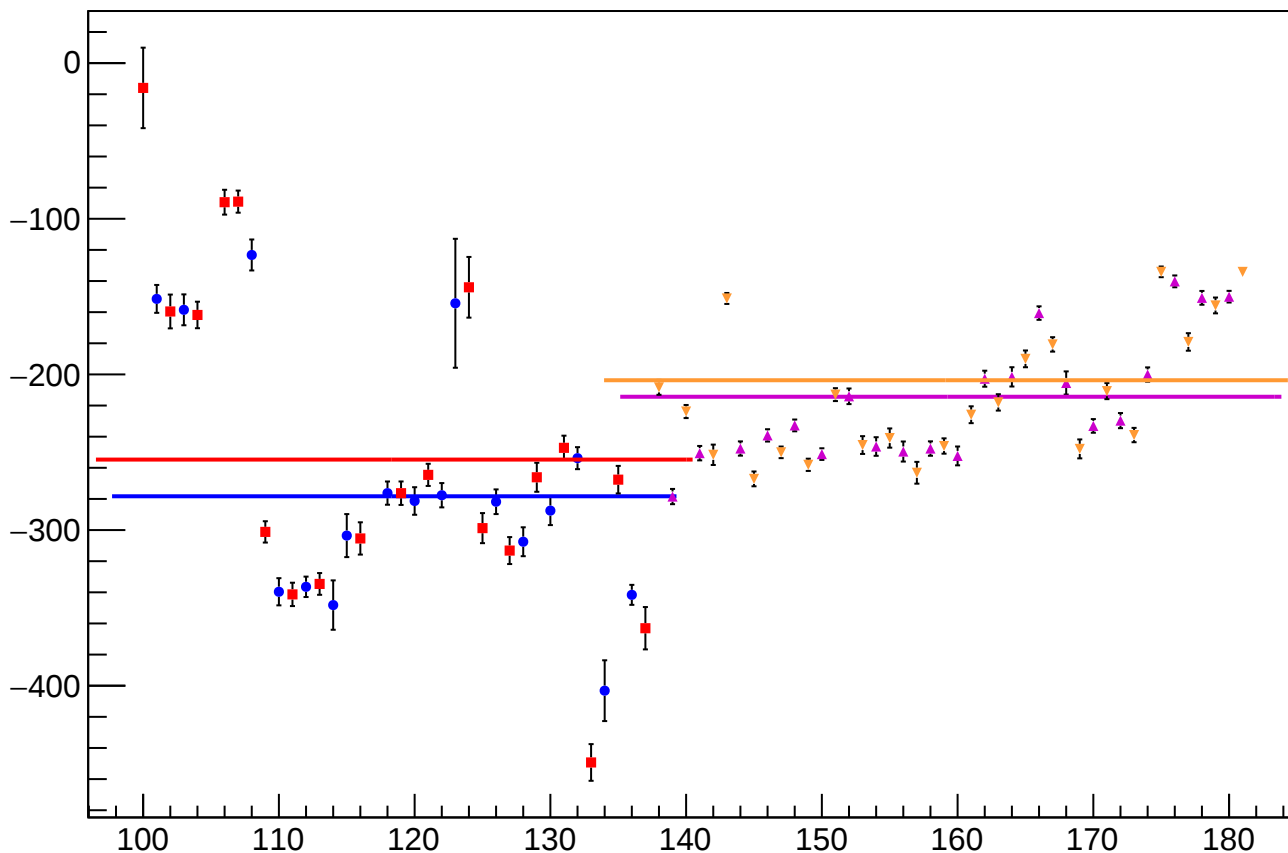
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 8.387 ± 0.634 $\chi^2/\text{NDF}: 816.8/37$

Out: 7.100 ± 0.591 $\chi^2/\text{NDF}: 962.3/41$

All: 7.699 ± 0.432 $\chi^2/\text{NDF}: 1781.3/79$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 $\pm$ 2.172 χ^2/NDF : 910.0/16

Left Out: -203.744 $\pm$ 0.957 χ^2/NDF :2298.7/22

Right Out: -254.713 $\pm$ 2.019 χ^2/NDF : 2038.0/18

Left In: -214.348 $\pm$ 1.013 χ^2/NDF :1676.1/20

Left: -208.744 $\pm$ 0.696 χ^2/NDF : 4032.7/43

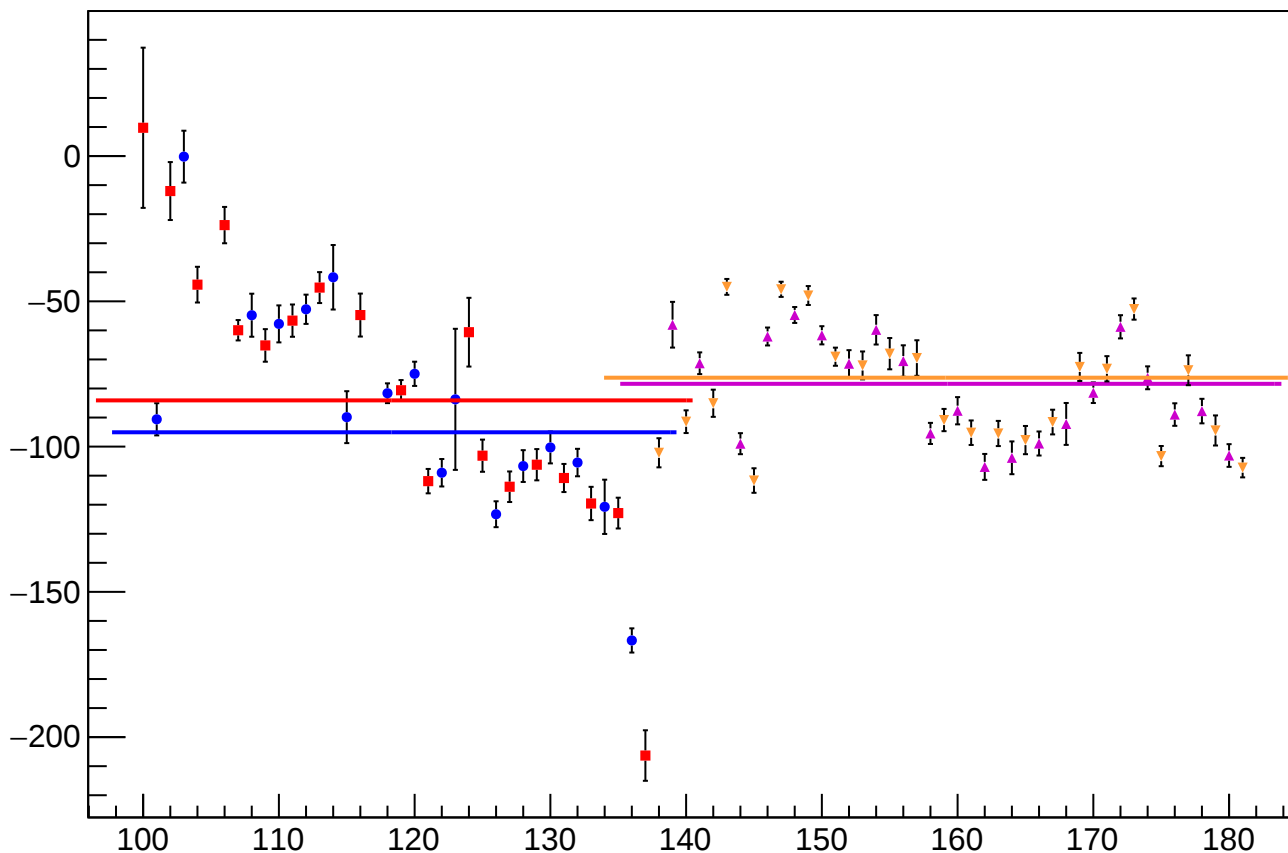
Right: -265.641 $\pm$ 1.479 χ^2/NDF : 3011.2/35

In: -225.769 $\pm$ 0.918 χ^2/NDF :3298.0/37

Out: -213.095 $\pm$ 0.865 χ^2/NDF :4857.2/41

All: -219.053 $\pm$ 0.629 χ^2/NDF : 8256.2/79

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -76.285 ± 0.821 $\chi^2/\text{NDF}: 754.9/22$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -78.394 ± 0.877 $\chi^2/\text{NDF}: 384.9/20$

Left: -77.270 ± 0.600 $\chi^2/\text{NDF}: 1142.9/43$

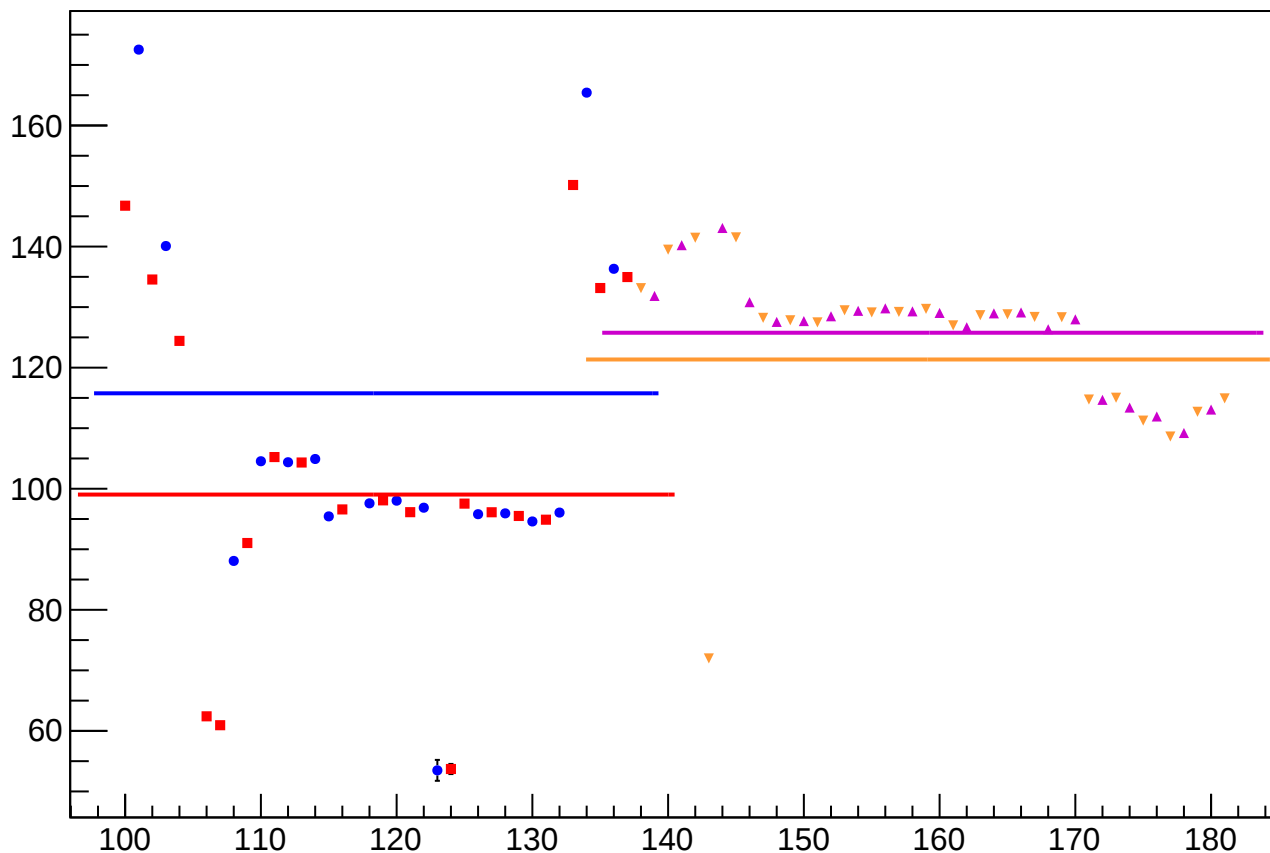
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -83.477 ± 0.732 $\chi^2/\text{NDF}: 1168.2/37$

Out: -78.622 ± 0.688 $\chi^2/\text{NDF}: 1562.4/41$

All: -80.899 ± 0.501 $\chi^2/\text{NDF}: 2754.0/79$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 121.349+/-0.040 χ^2/NDF : 180730.5/22

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 125.766+/-0.041 χ^2/NDF : 44867.5/20

Left: 123.473+/-0.028 χ^2/NDF : 231596.0/43

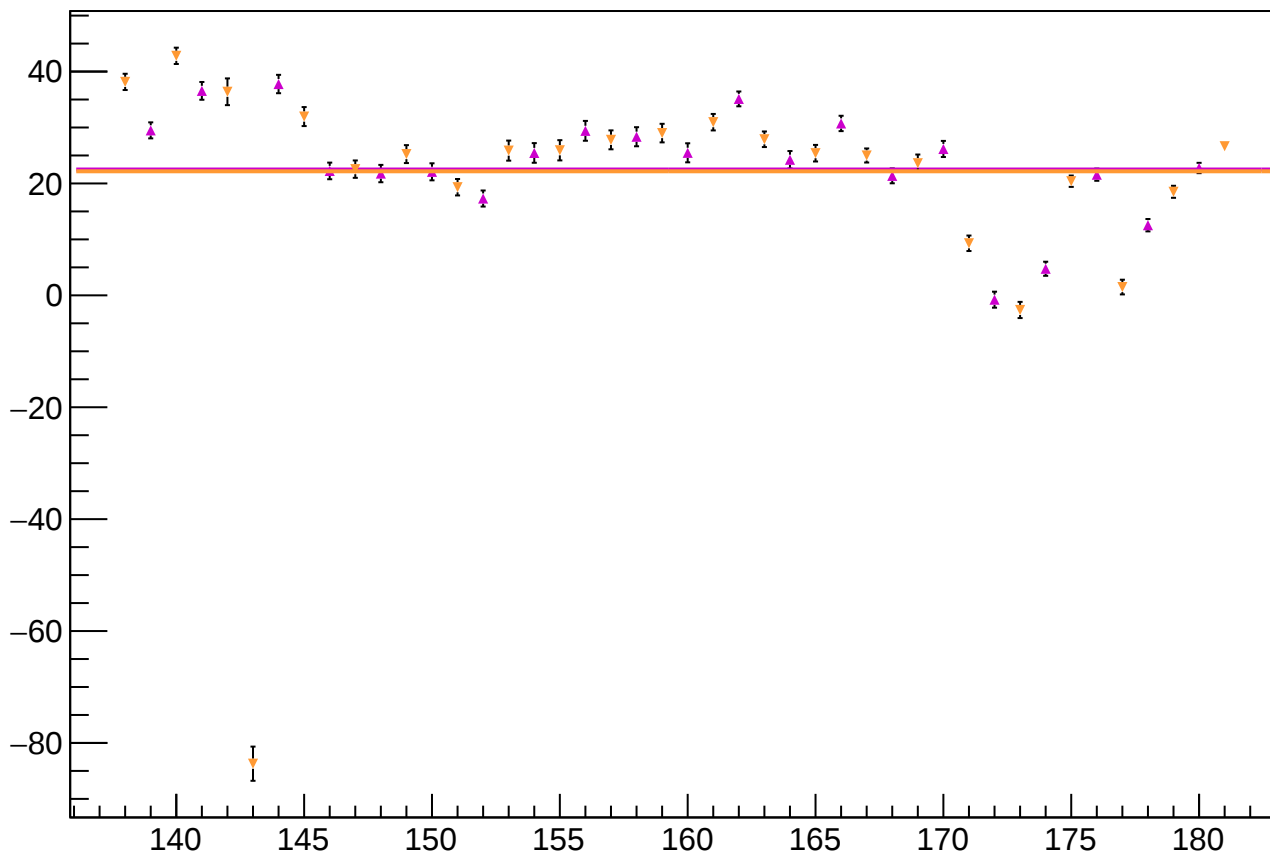
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 123.596+/-0.036 χ^2/NDF : 164016.4/37

Out: 115.769+/-0.034 χ^2/NDF : 433820.8/41

All: 119.448+/-0.025 χ^2/NDF : 622392.7/79

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: 22.174+/-0.296 χ^2/NDF :2366.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.489+/-0.303 χ^2/NDF :915.5/20

Left: 22.328+/-0.212 χ^2/NDF : 3282.8/43

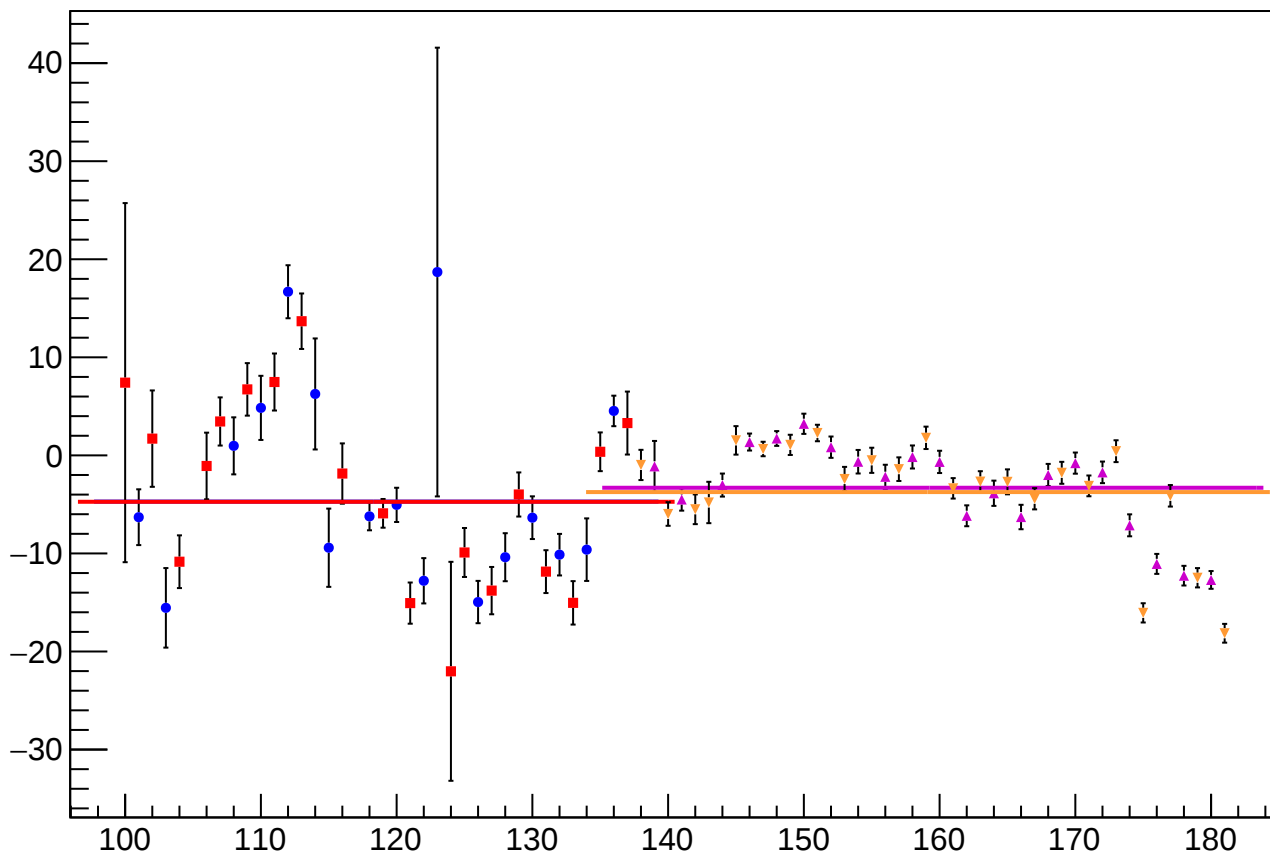
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.489+/-0.303 χ^2/NDF :915.5/20

Out: 22.174+/-0.296 χ^2/NDF :2366.8/22

All: 22.328+/-0.212 χ^2/NDF : 3282.8/43

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: -3.743 ± 0.230 χ^2/NDF : 646.8/22

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -3.303 ± 0.236 χ^2/NDF : 427.4/20

Left: -3.528 ± 0.165 χ^2/NDF : 1076.0/43

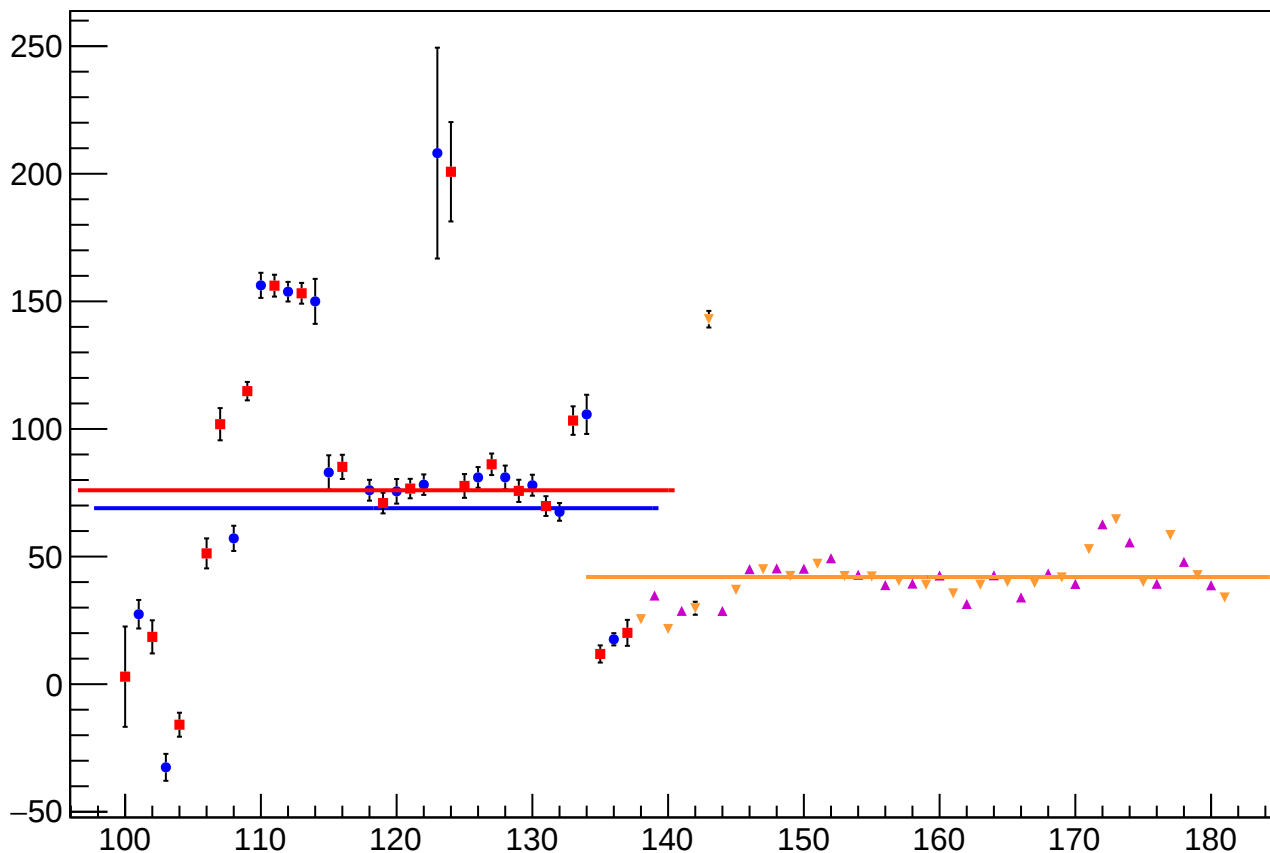
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -3.503 ± 0.219 χ^2/NDF : 607.2/37

Out: -3.875 ± 0.214 χ^2/NDF : 839.0/41

All: -3.693 ± 0.153 χ^2/NDF : 1447.7/79

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.007 ± 0.294 $\chi^2/\text{NDF}: 1855.7/22$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.987 ± 0.300 $\chi^2/\text{NDF}: 644.3/20$

Left: 41.997 ± 0.210 $\chi^2/\text{NDF}: 2500.0/43$

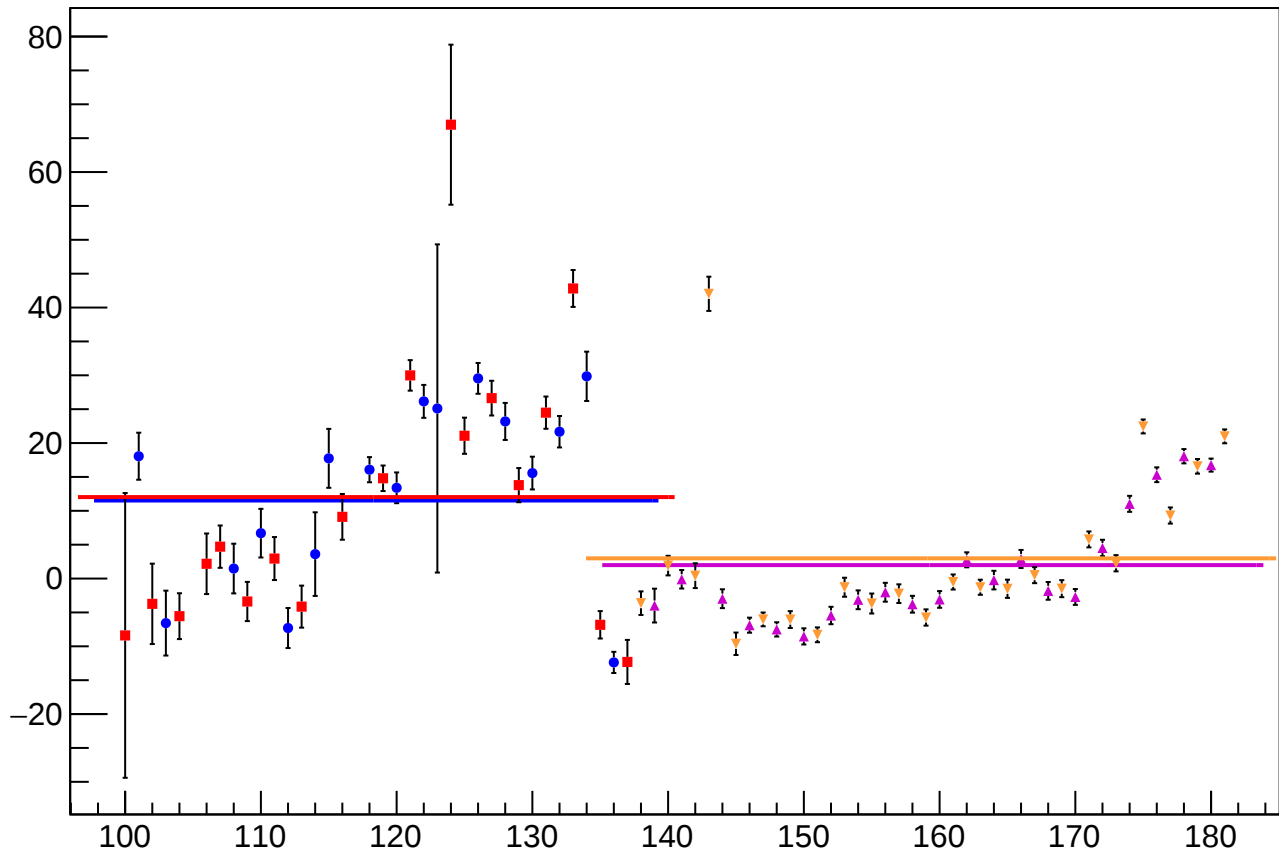
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.923 ± 0.289 $\chi^2/\text{NDF}: 3068.4/37$

Out: 44.401 ± 0.284 $\chi^2/\text{NDF}: 4688.8/41$

All: 44.167 ± 0.203 $\chi^2/\text{NDF}: 7758.6/79$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 2.983+/-0.261 χ^2/NDF : 1563.7/22

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: 1.986+/-0.267 χ^2/NDF : 1044.7/20

Left: 2.495+/-0.187 χ^2/NDF : 2615.5/43

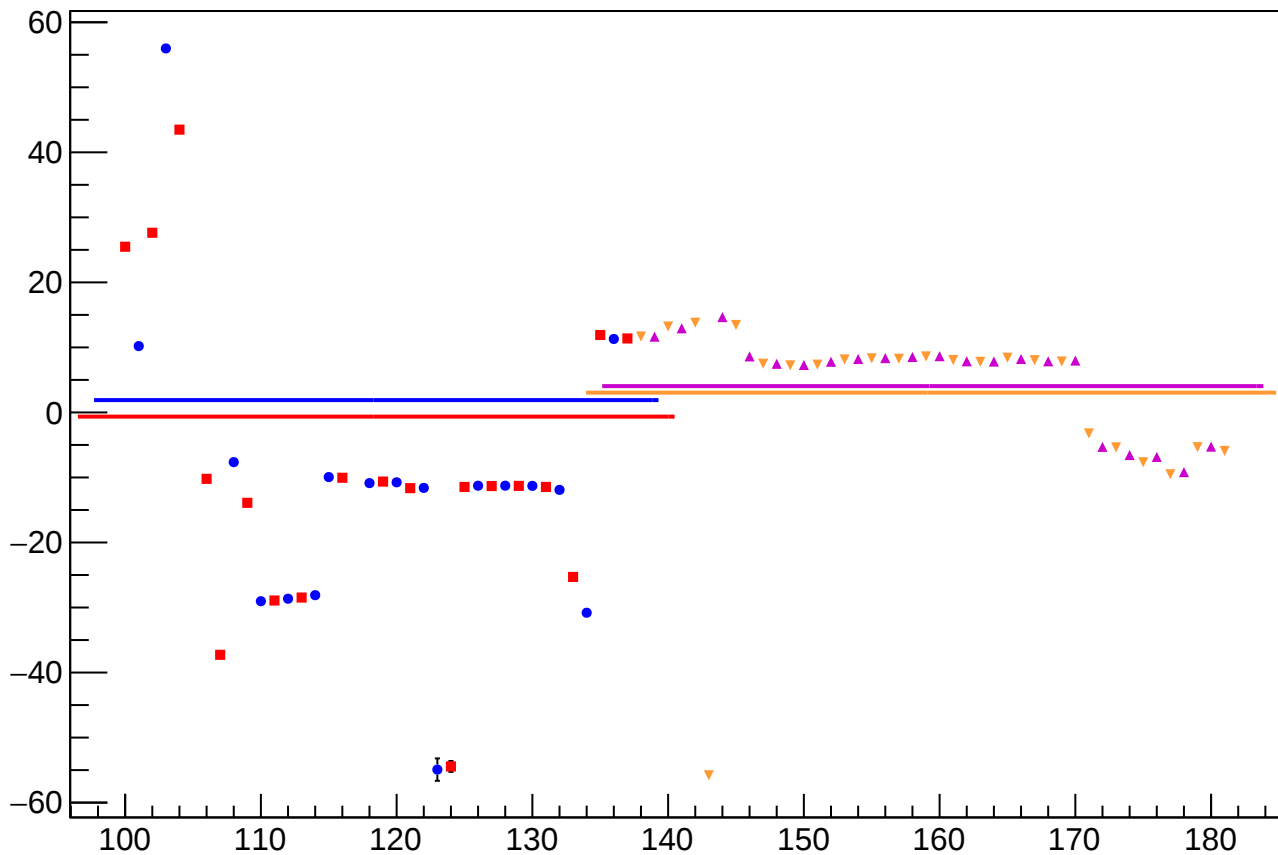
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 3.328+/-0.248 χ^2/NDF : 1701.3/37

Out: 4.192+/-0.243 χ^2/NDF : 2263.9/41

All: 3.768+/-0.173 χ^2/NDF : 3971.5/79

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 3.044+/-0.012 χ^2/NDF : 582103.7/22

Right Out: -0.644+/-0.037 χ^2/NDF : 361626.2/18

Left In: 4.047+/-0.012 χ^2/NDF : 360404.2/20

Left: 3.542+/-0.009 χ^2/NDF : 945960.1/43

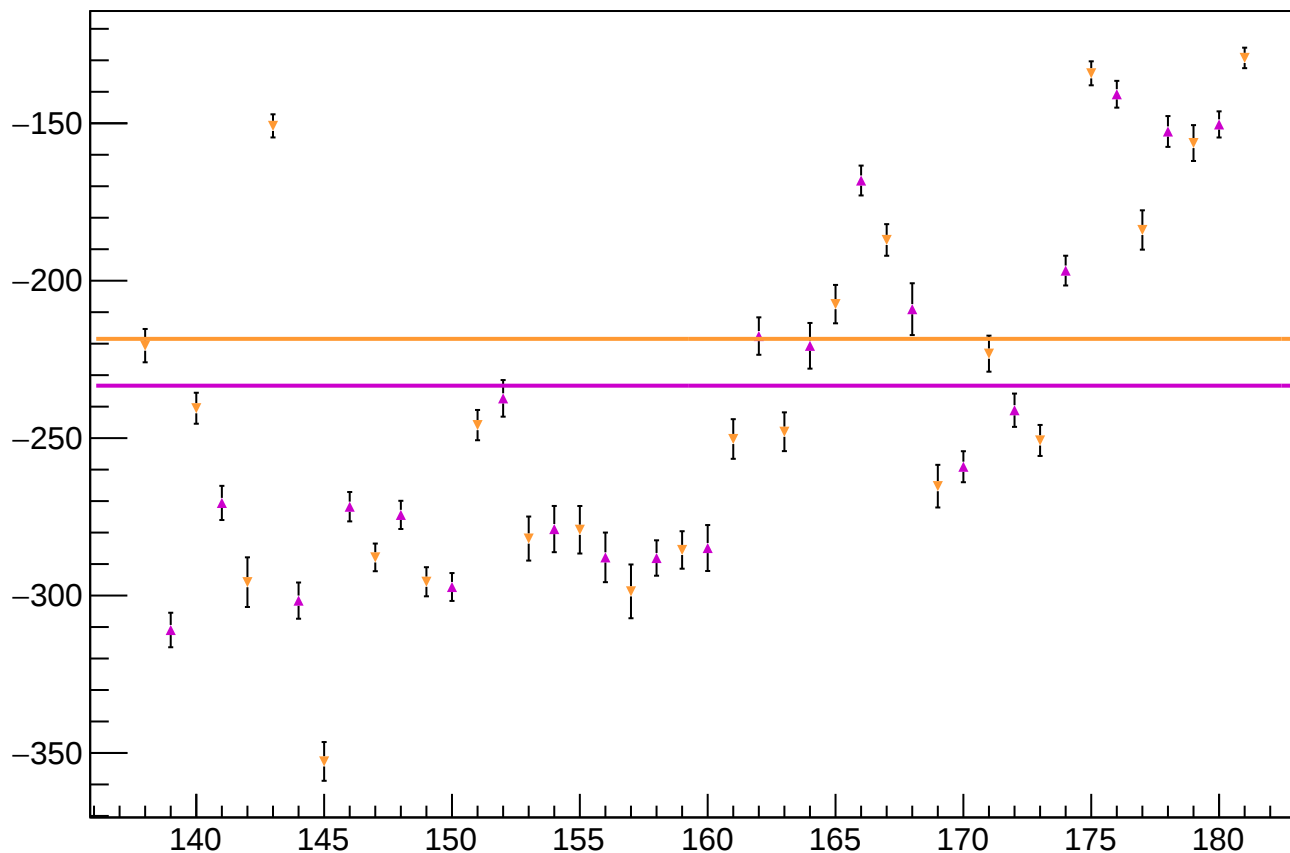
Right: 0.626+/-0.026 χ^2/NDF : 722831.9/35

In: 3.839+/-0.012 χ^2/NDF : 722305.5/37

Out: 2.692+/-0.011 χ^2/NDF : 952693.0/41

All: 3.262+/-0.008 χ^2/NDF : 1679992.4/79

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: -218.471+/-1.087 χ^2/NDF :3425.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -233.340+/-1.161 χ^2/NDF :2421.8/20

Left: -225.417+/-0.793 χ^2/NDF : 5935.1/43

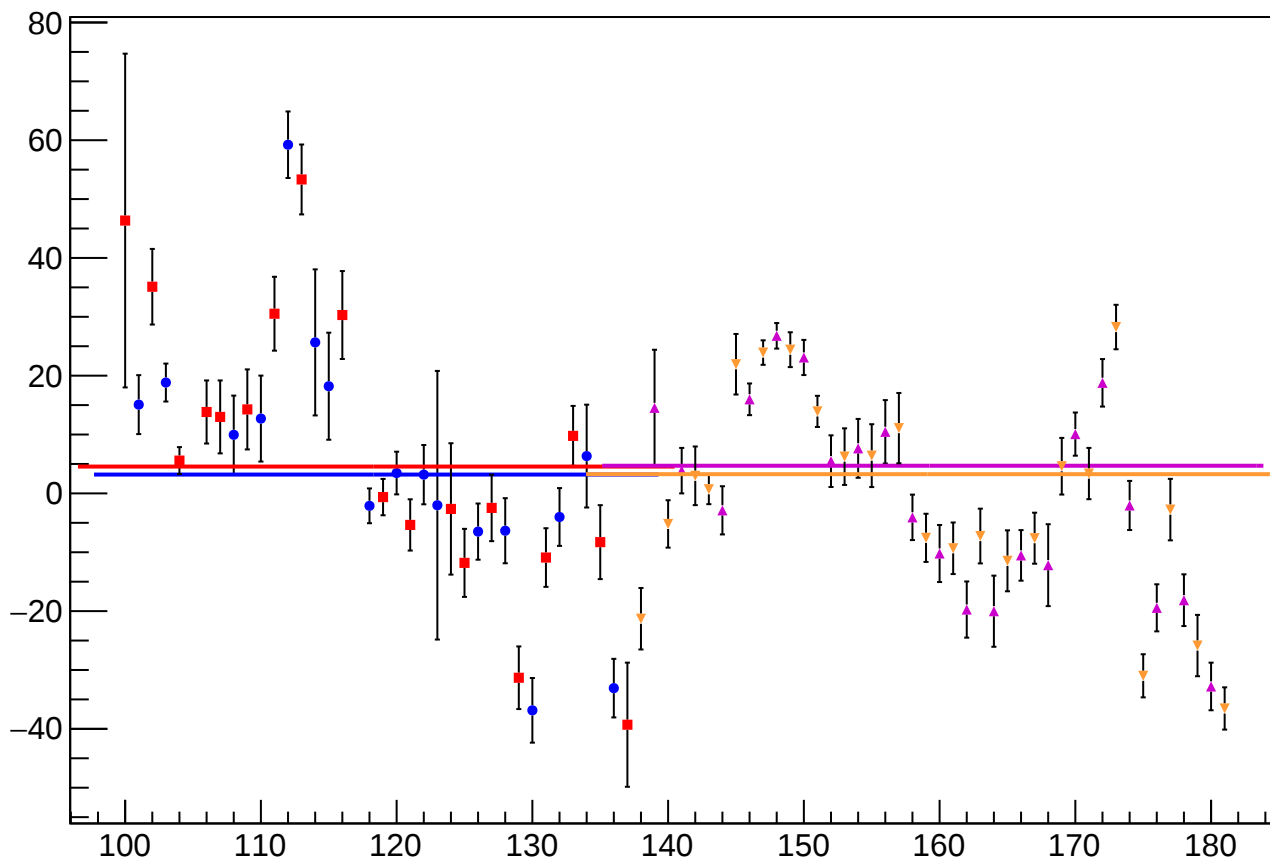
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -233.340+/-1.161 χ^2/NDF :2421.8/20

Out: -218.471+/-1.087 χ^2/NDF :3425.8/22

All: -225.417+/-0.793 χ^2/NDF : 5935.1/43

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: 3.265 ± 0.799 χ^2/NDF : 530.5/22

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 4.699 ± 0.861 χ^2/NDF : 407.4/20

Left: 3.929 ± 0.585 χ^2/NDF : 939.4/43

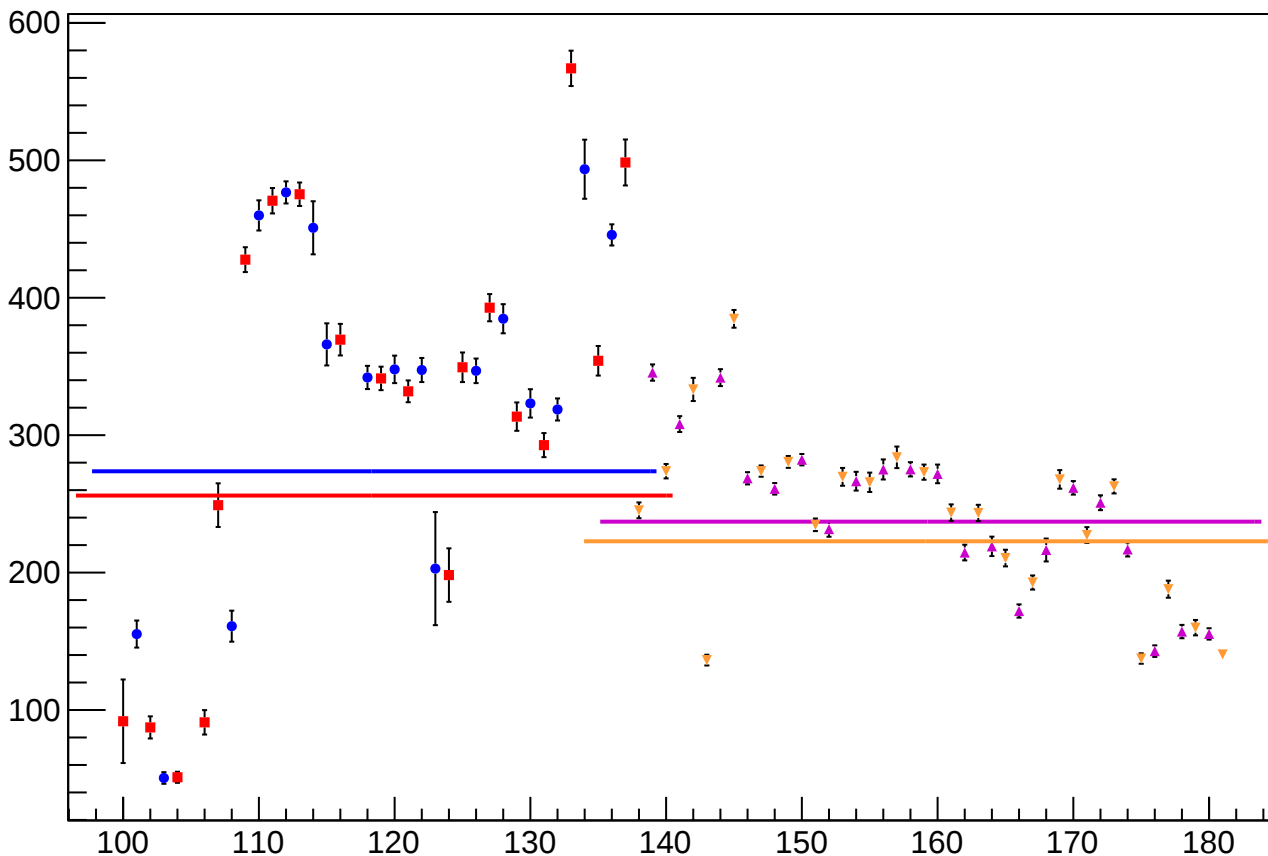
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 4.205 ± 0.705 χ^2/NDF : 663.6/37

Out: 3.682 ± 0.658 χ^2/NDF : 755.3/41

All: 3.926 ± 0.481 χ^2/NDF : 1419.2/79

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: 222.781 $\pm$ 1.085 χ^2 /NDF:3390.3/22

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 237.057 $\pm$ 1.147 χ^2 /NDF:2522.9/20

Left: 229.526 $\pm$ 0.788 χ^2 /NDF: 5995.0/43

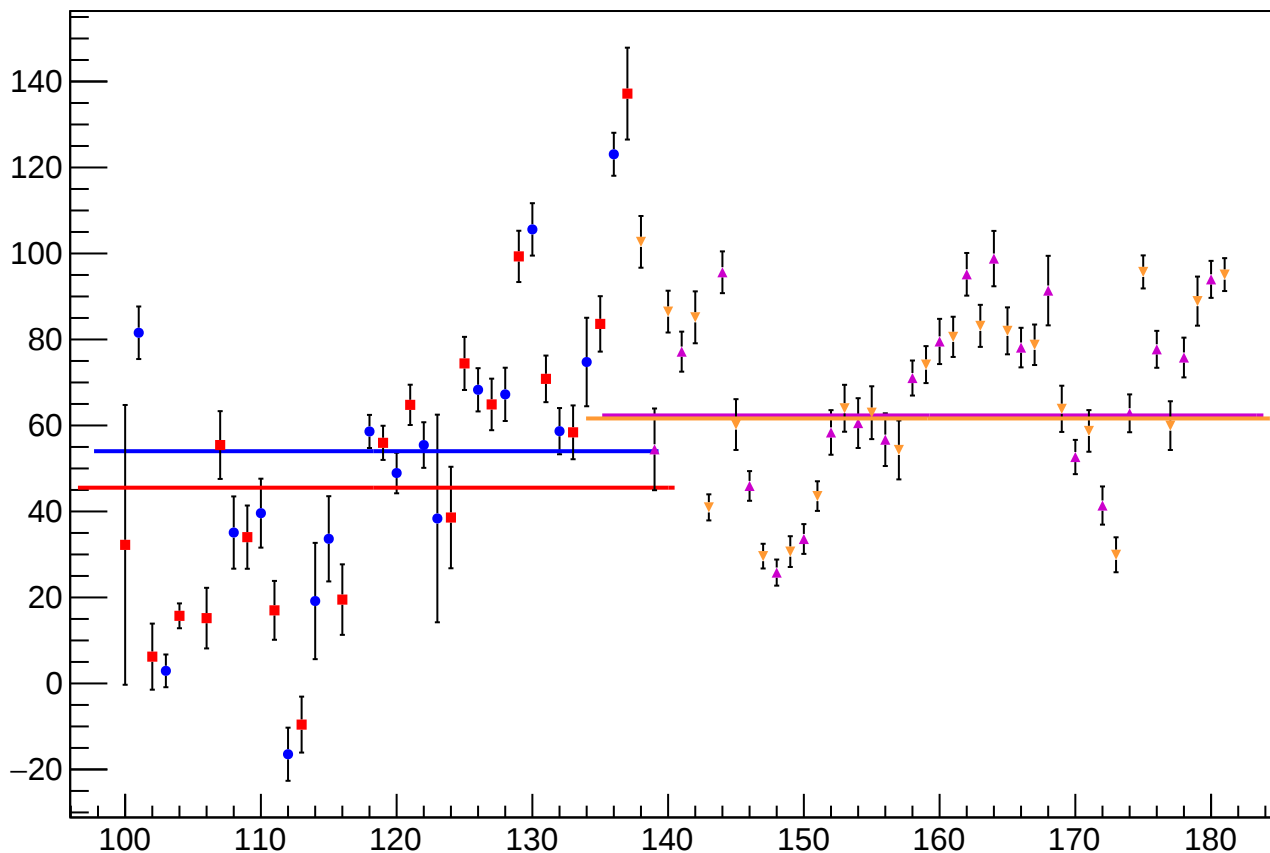
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 244.923 $\pm$ 1.017 χ^2 /NDF:7845.4/37

Out: 229.910 $\pm$ 0.962 χ^2 /NDF:10032.7/41

All: 237.005 $\pm$ 0.699 χ^2 /NDF: 17993.2/79

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: 61.627 $\pm$ 0.930 χ^2 /NDF:673.4/22

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 62.332 $\pm$ 0.993 χ^2 /NDF:515.1/20

Left: 61.956 $\pm$ 0.679 χ^2 /NDF: 1188.7/43

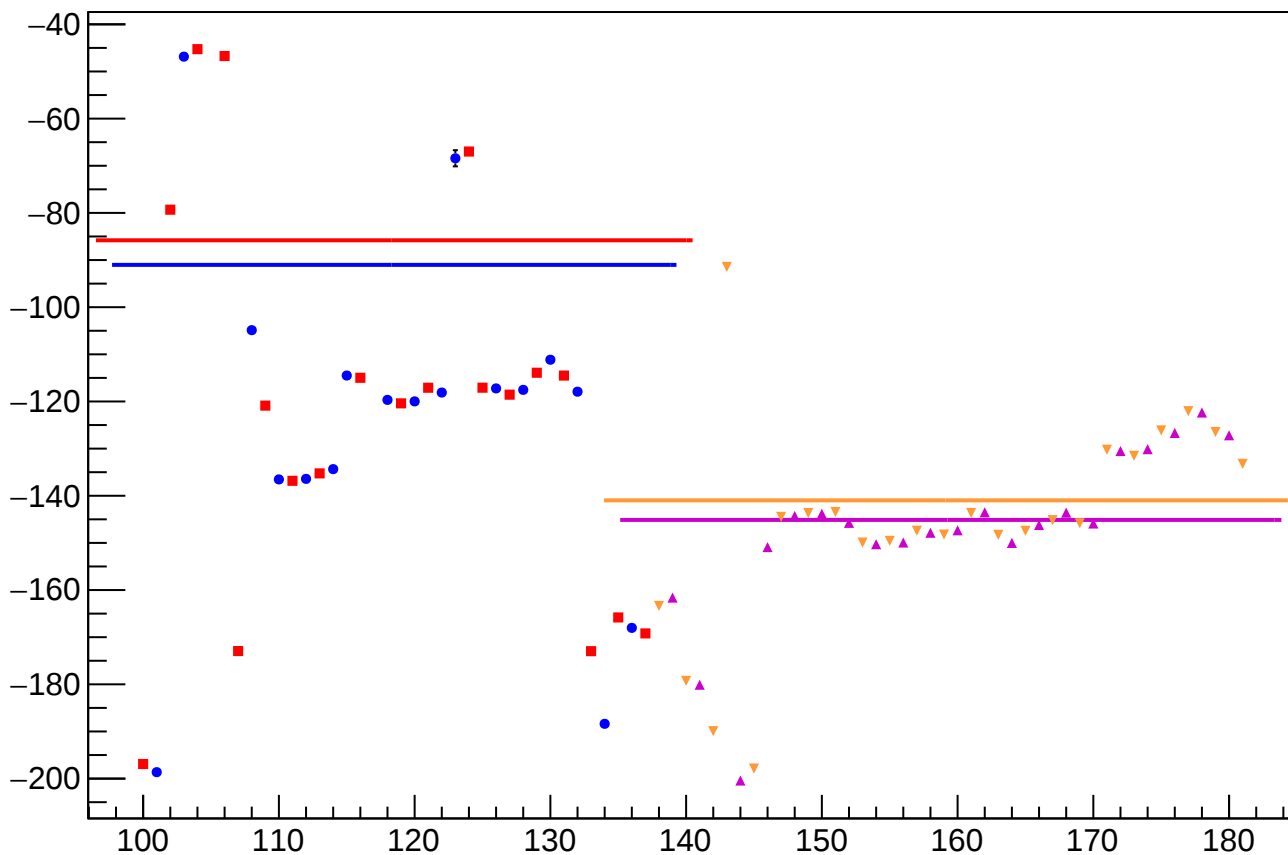
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 59.607 $\pm$ 0.815 χ^2 /NDF:1170.9/37

Out: 56.481 $\pm$ 0.767 χ^2 /NDF:1295.9/41

All: 57.951 $\pm$ 0.559 χ^2 /NDF: 2474.6/79

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -140.978 ± 0.045 $\chi^2/\text{NDF}: 237265.5/22$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -145.125 ± 0.047 $\chi^2/\text{NDF}: 112295.6/20$

Left: -142.975 ± 0.032 $\chi^2/\text{NDF}: 353667.4/43$

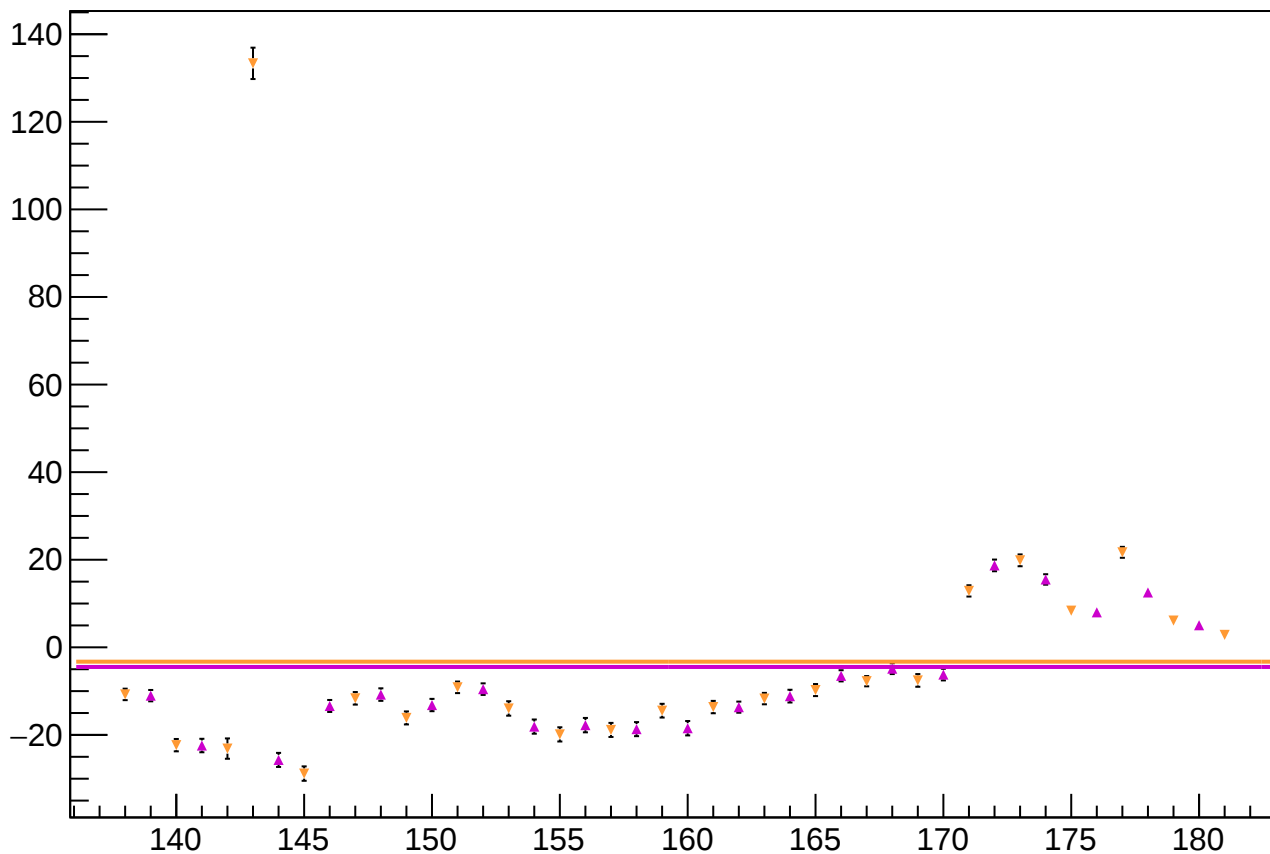
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.694 ± 0.038 $\chi^2/\text{NDF}: 1080974.1/37$

Out: -123.163 ± 0.037 $\chi^2/\text{NDF}: 1220562.7/41$

All: -125.344 ± 0.027 $\chi^2/\text{NDF}: 2308771.7/79$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



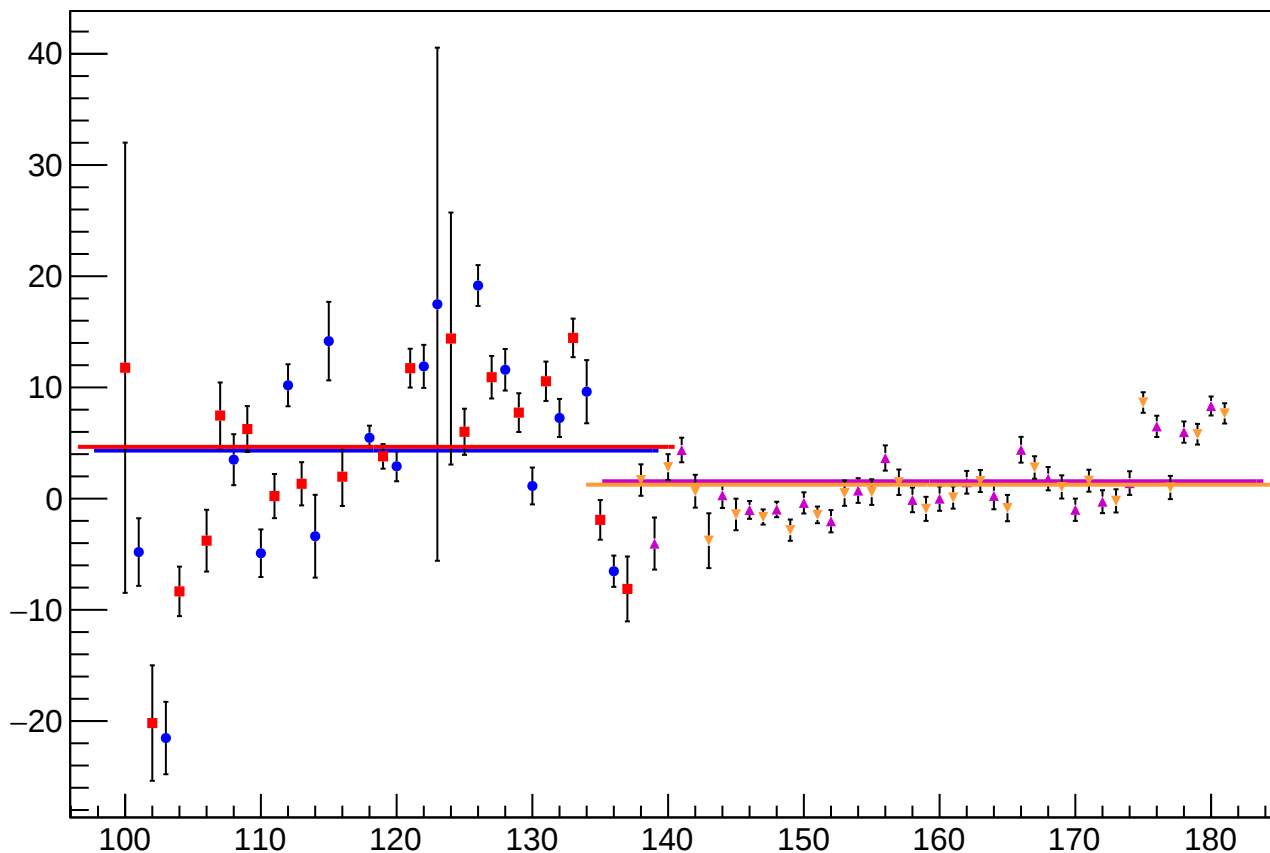
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.276+/-0.278 χ^2/NDF :3680.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.486+/-0.284 χ^2/NDF :1924.9/20

Left: -3.868+/-0.199 χ^2/NDF : 5614.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.486+/-0.284 χ^2/NDF :1924.9/20
 Out: -3.276+/-0.278 χ^2/NDF :3680.6/22

All: -3.868+/-0.199 χ^2/NDF : 5614.7/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 1.255 ± 0.216 χ^2/NDF : 210.6/22

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 1.563 ± 0.221 χ^2/NDF : 190.0/20

Left: 1.405 ± 0.154 χ^2/NDF : 401.6/43

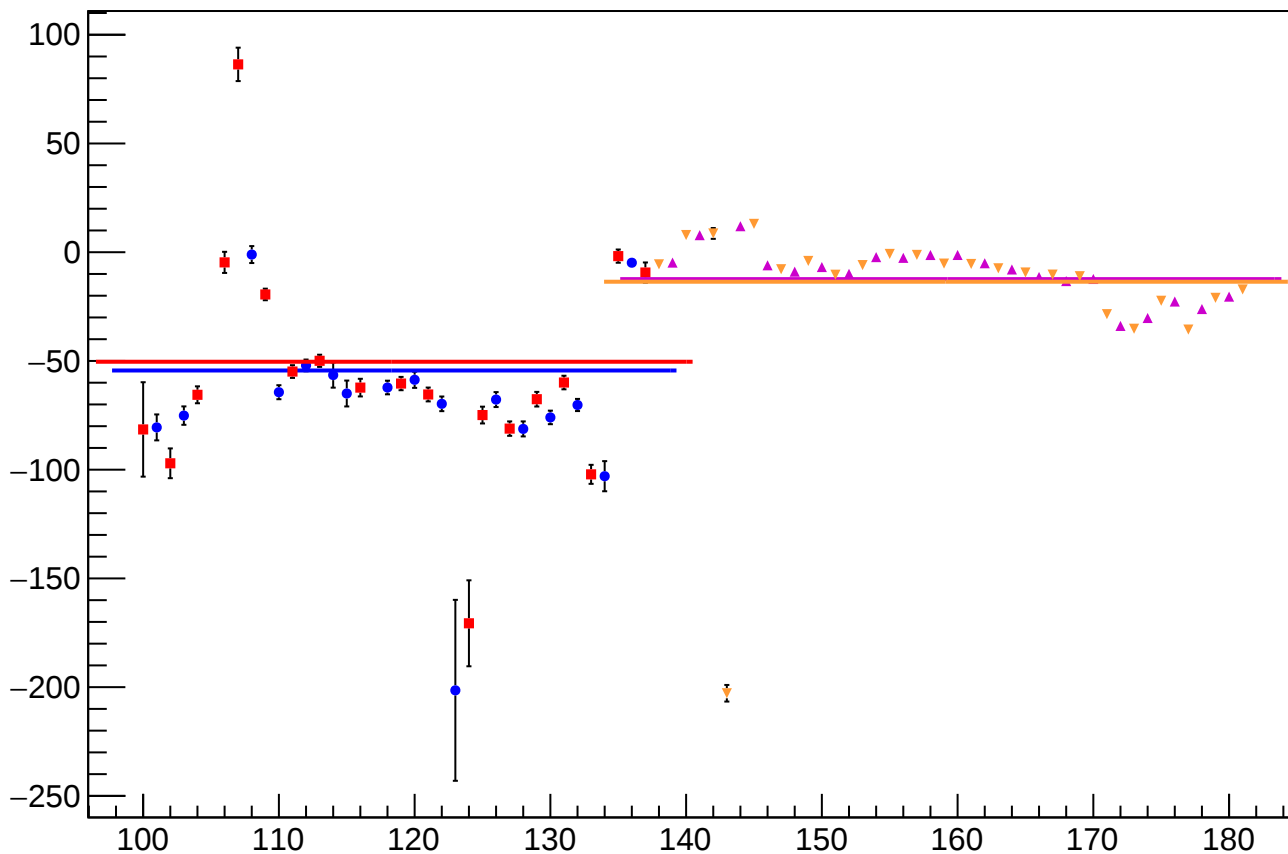
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 2.072 ± 0.200 χ^2/NDF : 499.0/37

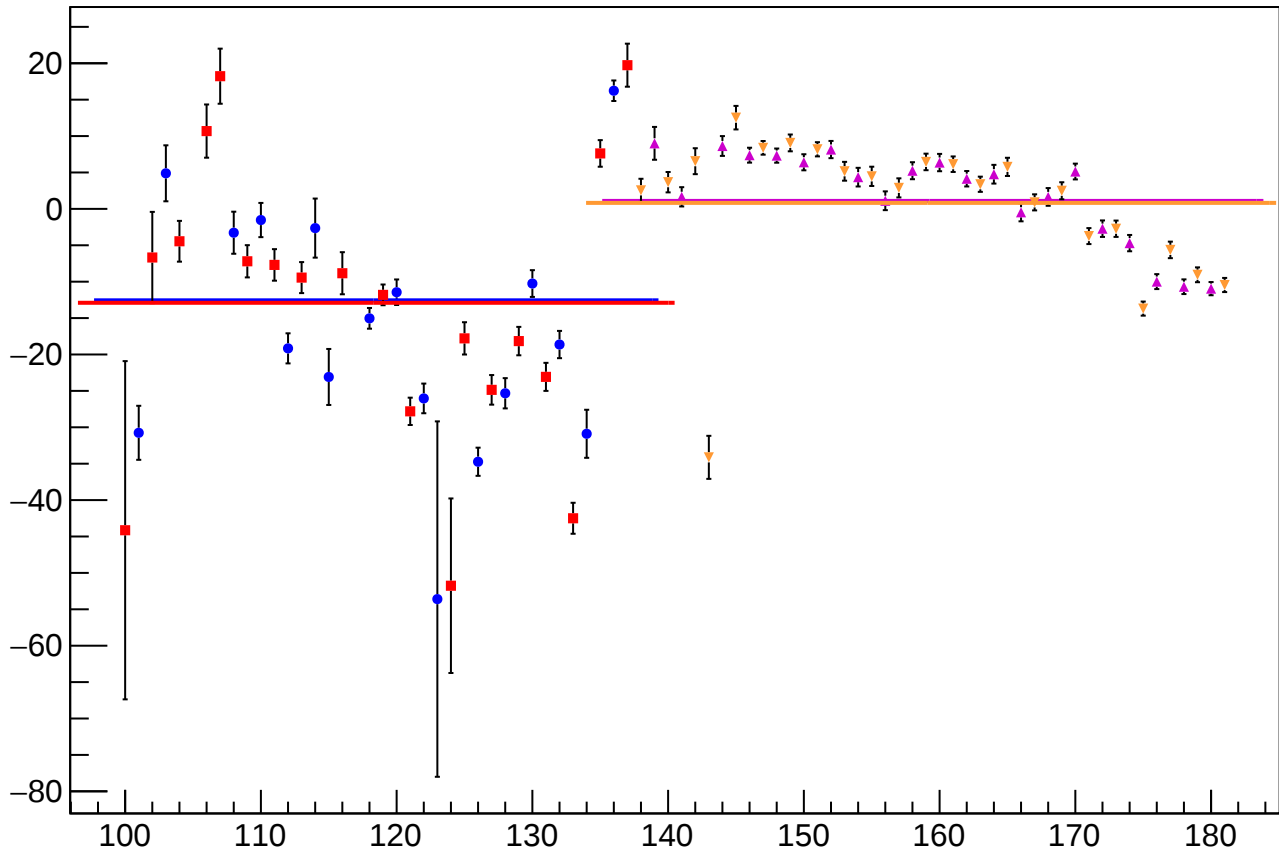
Out: 1.838 ± 0.196 χ^2/NDF : 437.9/41

All: 1.953 ± 0.140 χ^2/NDF : 937.6/79

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 0.824 ± 0.245 χ^2/NDF : 988.8/22

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 1.093 ± 0.251 χ^2/NDF : 719.0/20

Left: 0.955 ± 0.175 χ^2/NDF : 1708.4/43

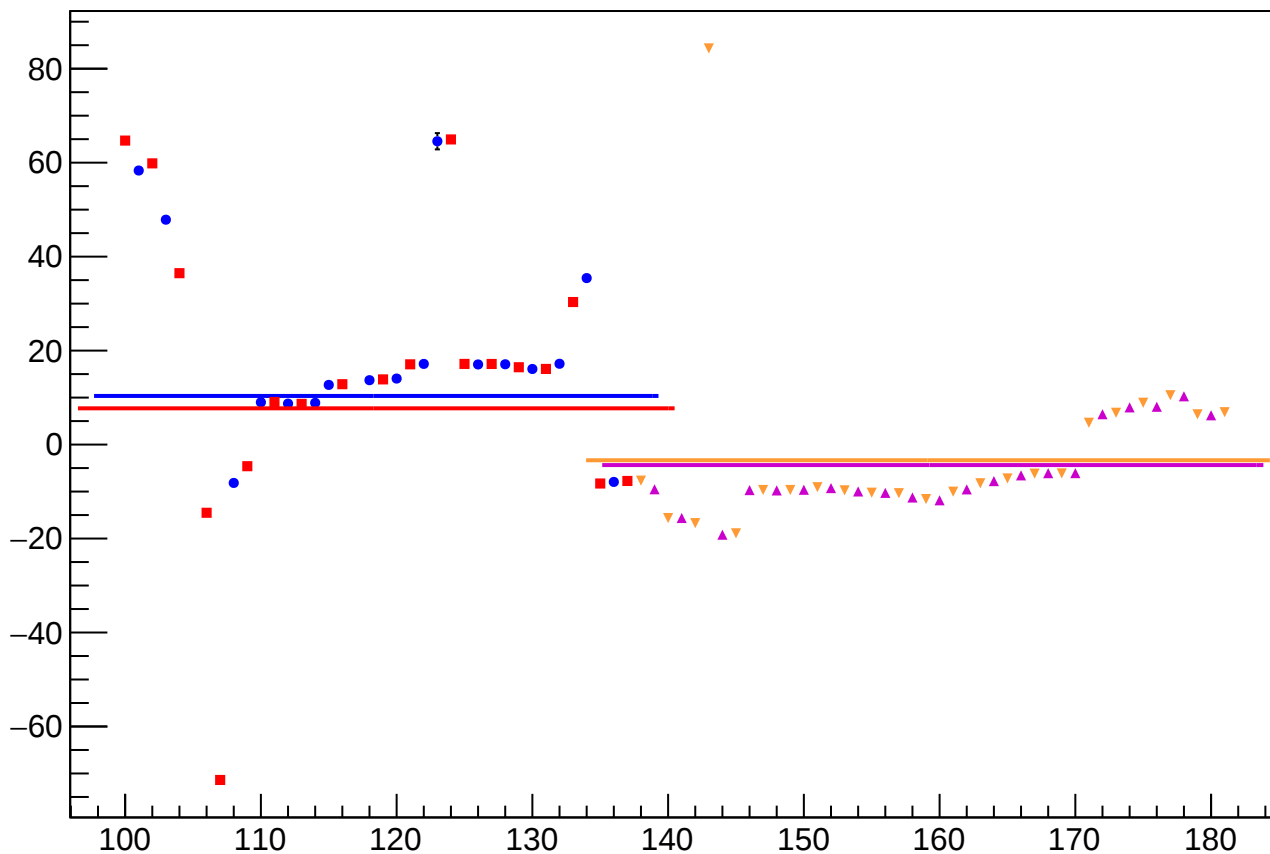
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -1.394 ± 0.227 χ^2/NDF : 2038.4/37

Out: -1.532 ± 0.223 χ^2/NDF : 2255.8/41

All: -1.464 ± 0.159 χ^2/NDF : 4294.3/79

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: -3.340+/-0.011 χ^2/NDF : 903497.4/22

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -4.363+/-0.011 χ^2/NDF : 541177.9/20

Left: -3.849+/-0.008 χ^2/NDF : 1448771.5/43

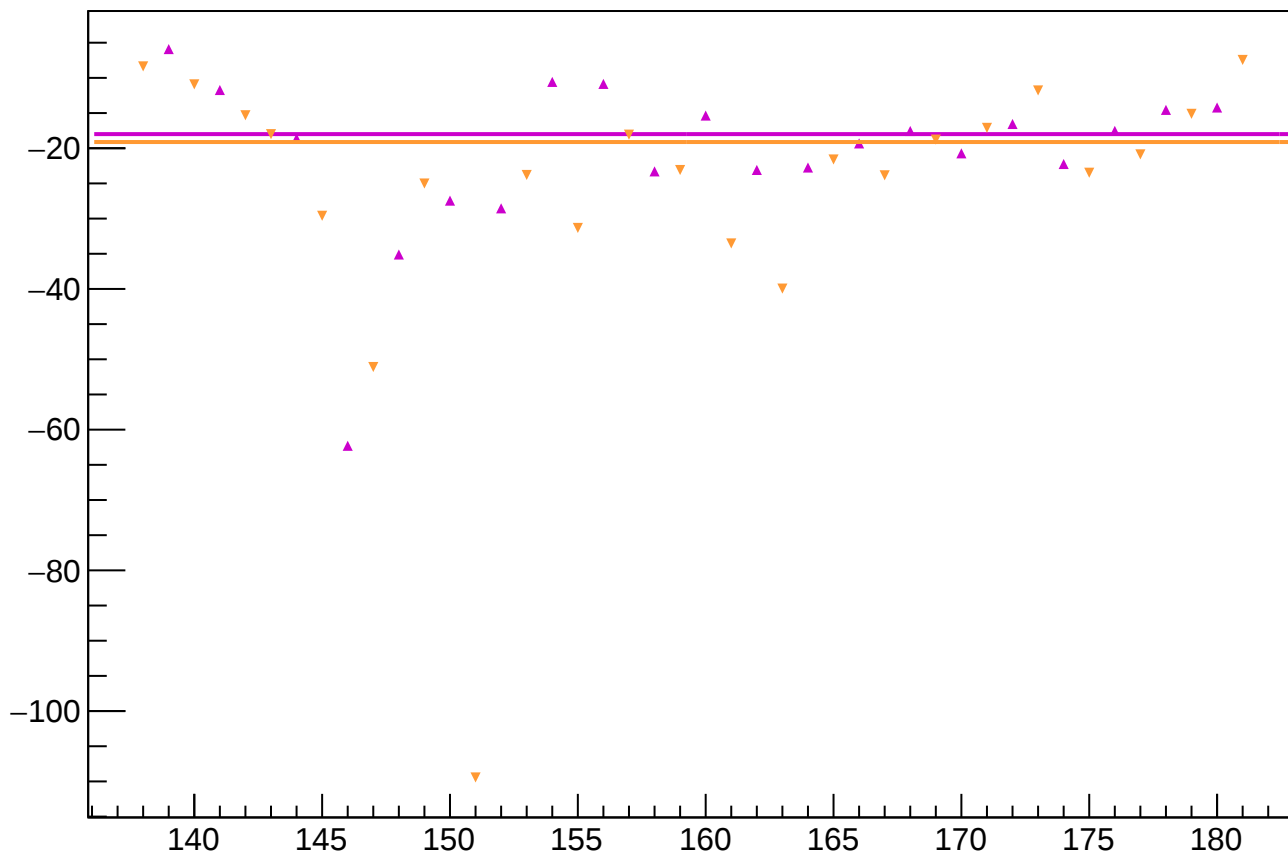
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -2.584+/-0.011 χ^2/NDF : 1125557.6/37

Out: -2.066+/-0.011 χ^2/NDF : 1559157.5/41

All: -2.325+/-0.008 χ^2/NDF : 2685903.6/79

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: -19.118+/-0.042 χ^2/NDF : 83595.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.992+/-0.041 χ^2/NDF : 40284.7/20

Left: -18.547+/-0.029 χ^2/NDF : 124249.9/43

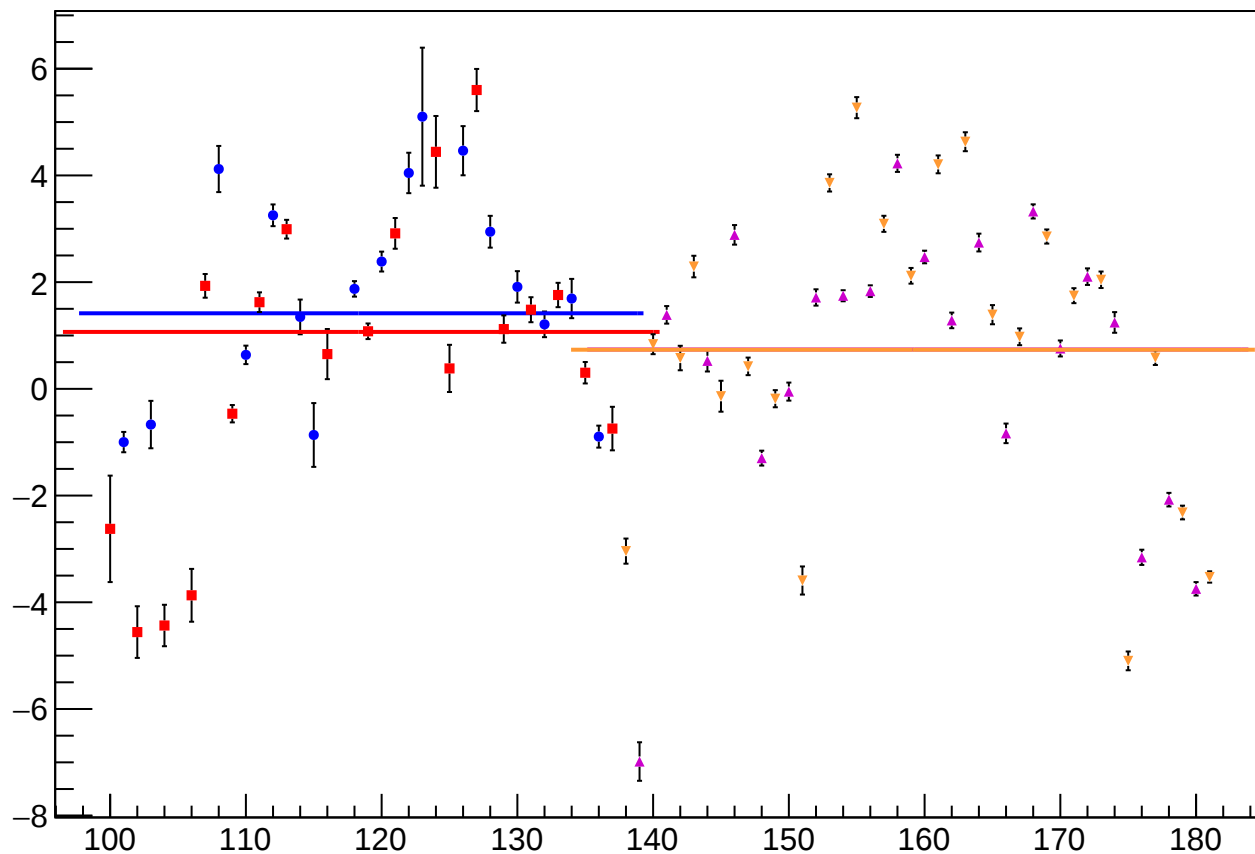
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.992+/-0.041 χ^2/NDF : 40284.7/20

Out: -19.118+/-0.042 χ^2/NDF : 83595.0/22

All: -18.547+/-0.029 χ^2/NDF : 124249.9/43

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 0.733 $\pm$ 0.034 χ^2 /NDF:6451.8/22

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 0.738 $\pm$ 0.032 χ^2 /NDF:4962.5/20

Left: 0.736 $\pm$ 0.023 χ^2 /NDF: 11414.3/43

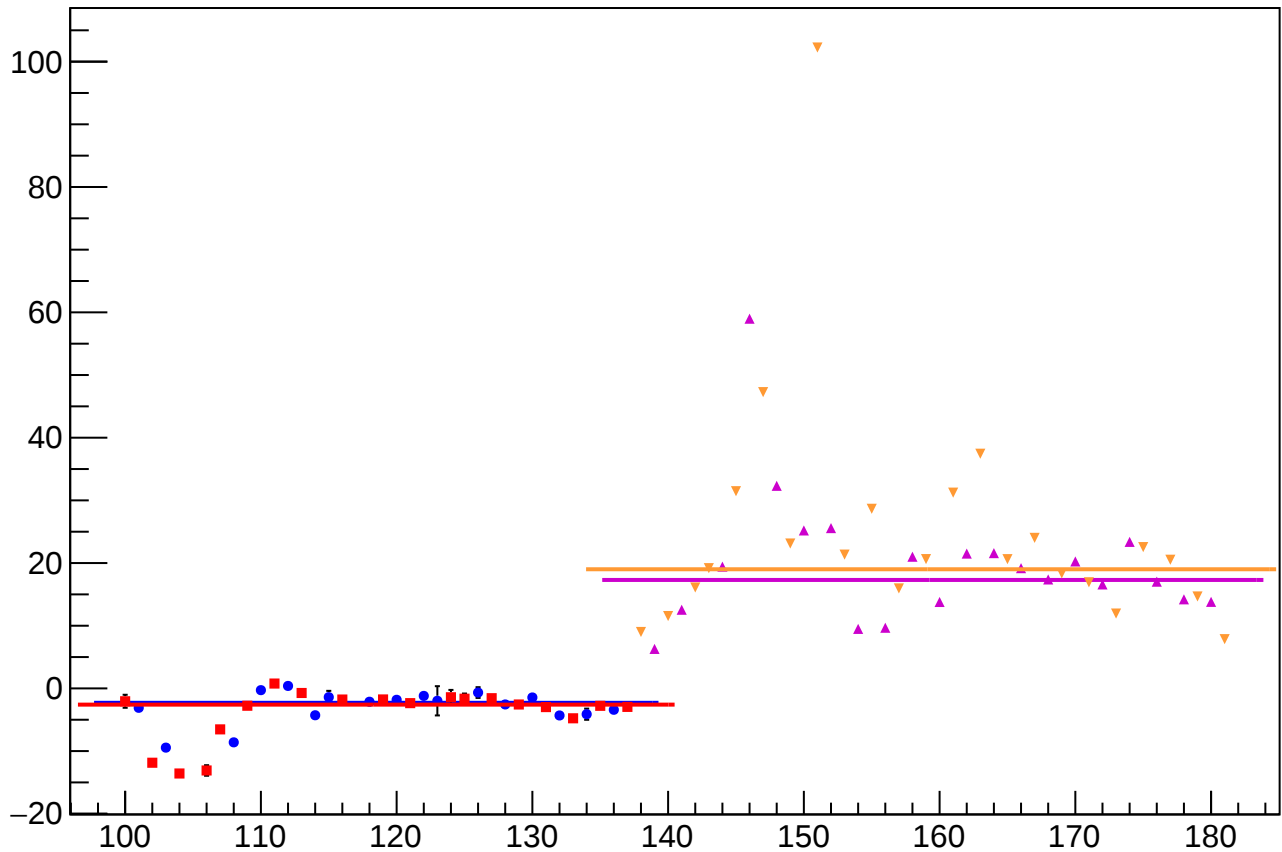
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 0.884 $\pm$ 0.028 χ^2 /NDF:5690.1/37

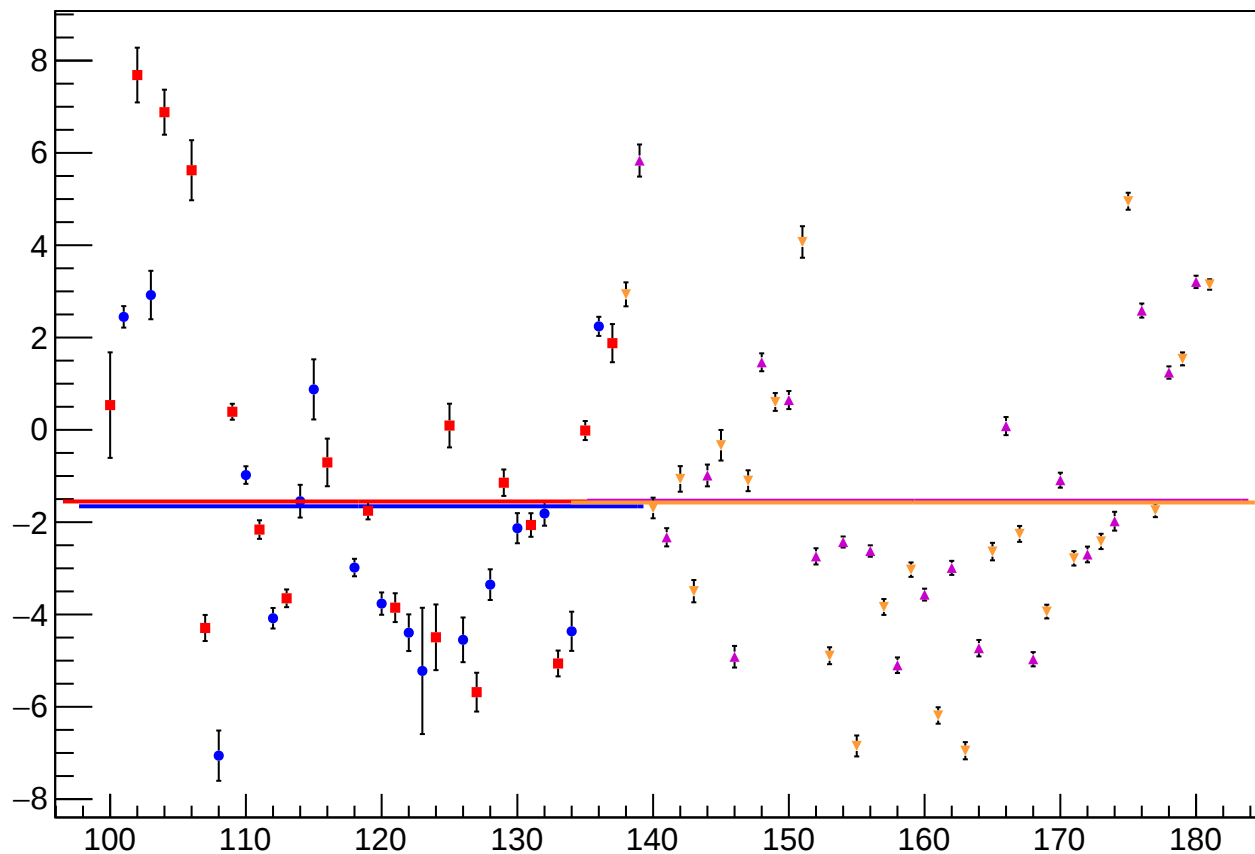
Out: 0.818 $\pm$ 0.029 χ^2 /NDF:7406.3/41

All: 0.852 $\pm$ 0.020 χ^2 /NDF: 13099.0/79

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.574 ± 0.038 χ^2/NDF : 7294.3/22

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.535 ± 0.036 χ^2/NDF : 5365.1/20

Left: -1.553 ± 0.026 χ^2/NDF : 12660.0/43

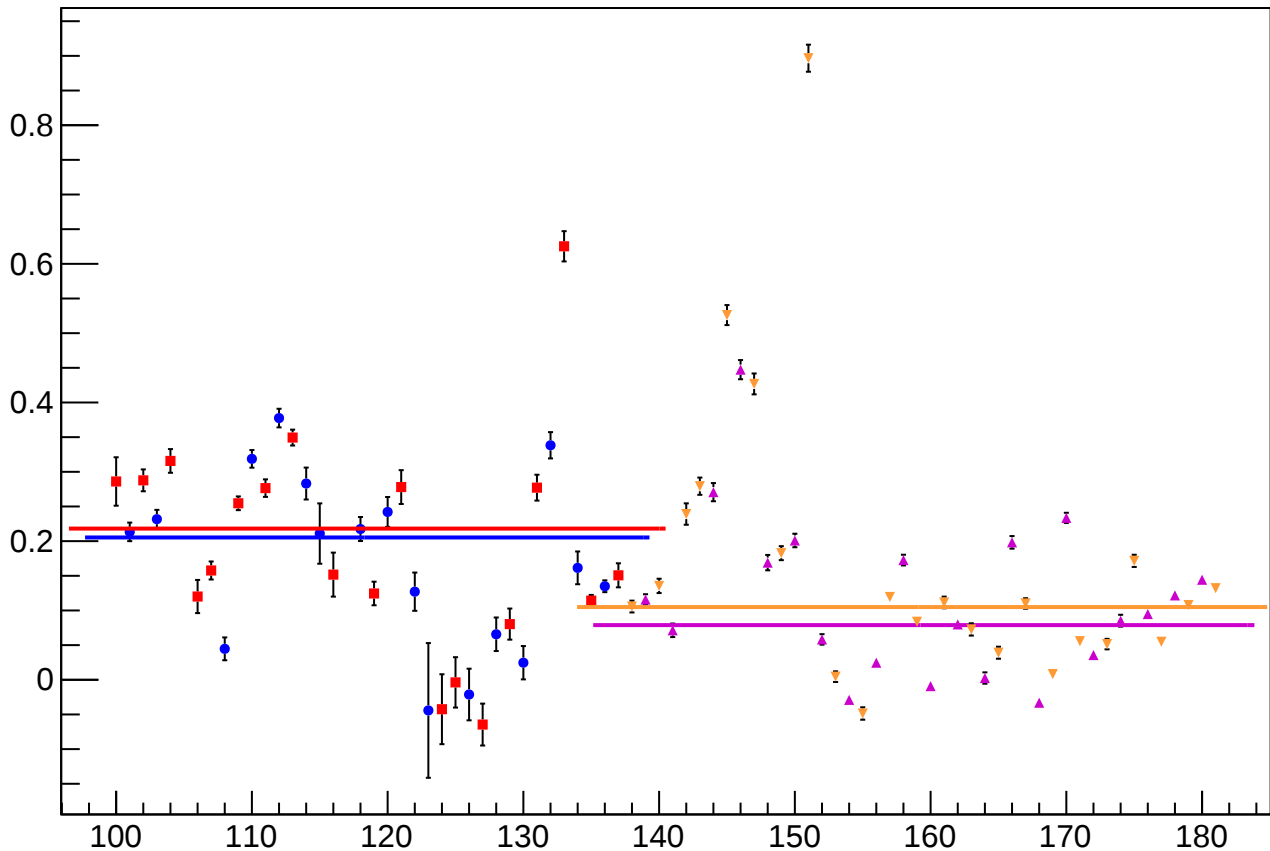
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.560 ± 0.032 χ^2/NDF : 6638.6/37

Out: -1.568 ± 0.033 χ^2/NDF : 8782.5/41

All: -1.564 ± 0.023 χ^2/NDF : 15421.1/79

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.105 ± 0.002 χ^2/NDF : 4296.4/22

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.079 ± 0.002 χ^2/NDF : 3397.2/20

Left: 0.091 ± 0.001 χ^2/NDF : 7820.5/43

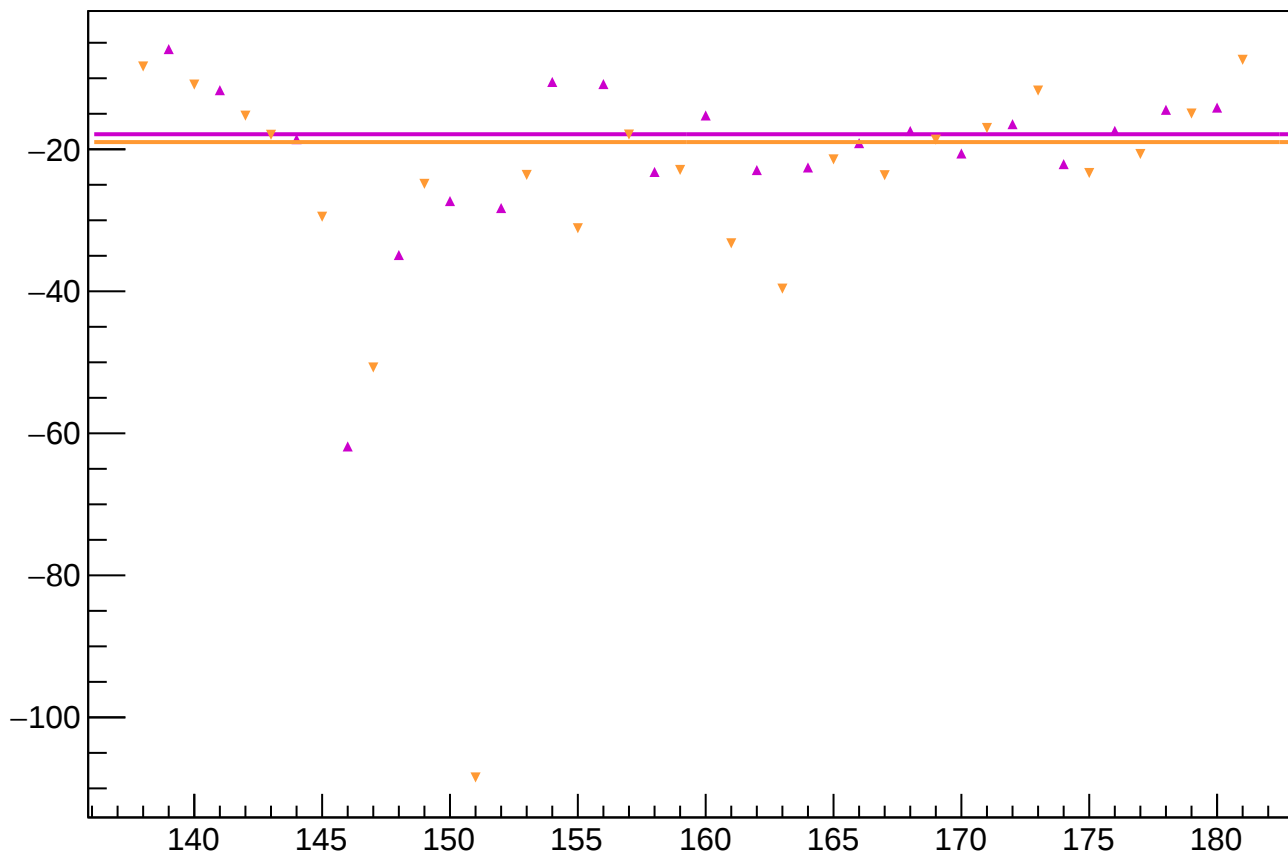
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.095 ± 0.001 χ^2/NDF : 4833.4/37

Out: 0.125 ± 0.002 χ^2/NDF : 6096.9/41

All: 0.109 ± 0.001 χ^2/NDF : 11127.4/79

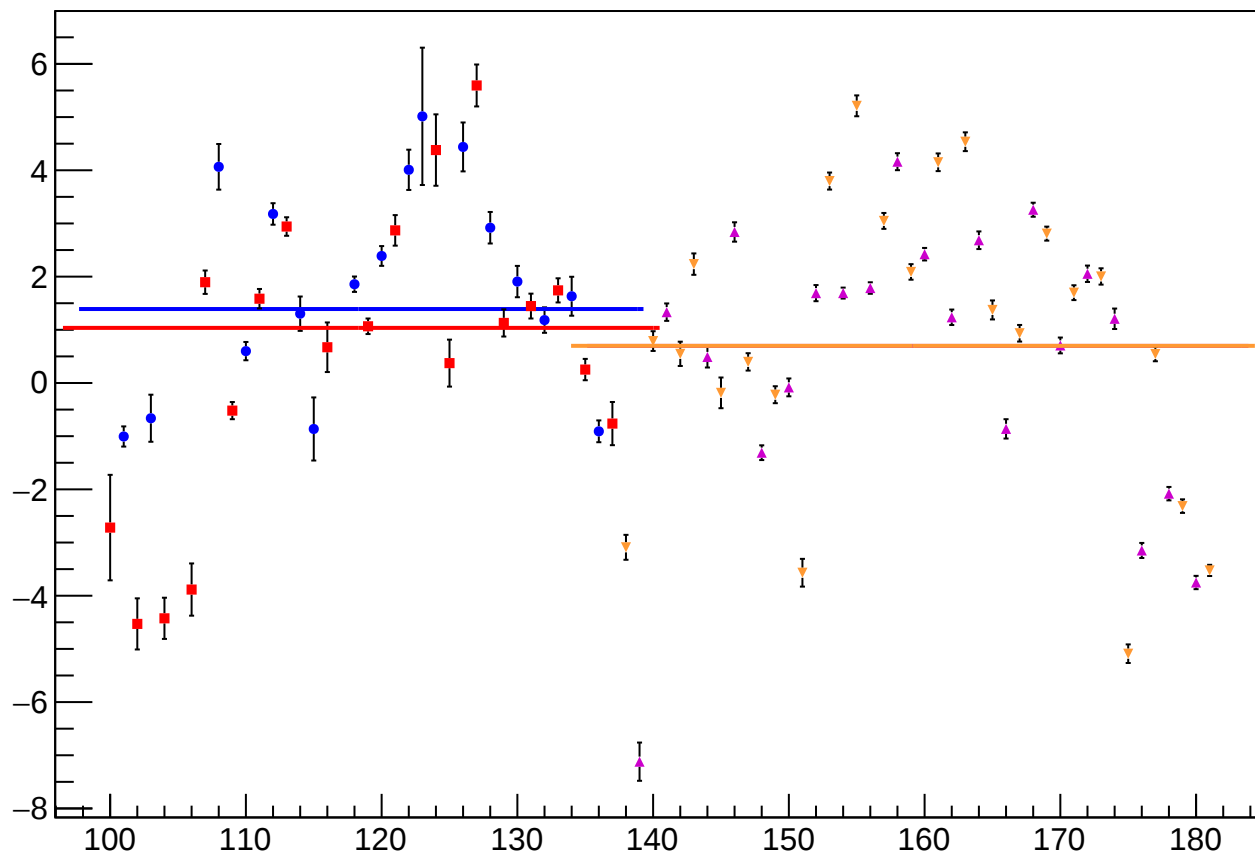
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.986+/-0.041 χ^2/NDF : 83447.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.882+/-0.041 χ^2/NDF : 40205.6/20

Left: -18.427+/-0.029 χ^2/NDF : 124014.4/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.882+/-0.041 χ^2/NDF : 40205.6/20
 Out: -18.986+/-0.041 χ^2/NDF : 83447.0/22
 All: -18.427+/-0.029 χ^2/NDF : 124014.4/43

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 0.699 ± 0.034 $\chi^2/\text{NDF}: 6440.5/22$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.697 ± 0.032 $\chi^2/\text{NDF}: 4955.7/20$

Left: 0.698 ± 0.023 $\chi^2/\text{NDF}: 11396.2/43$

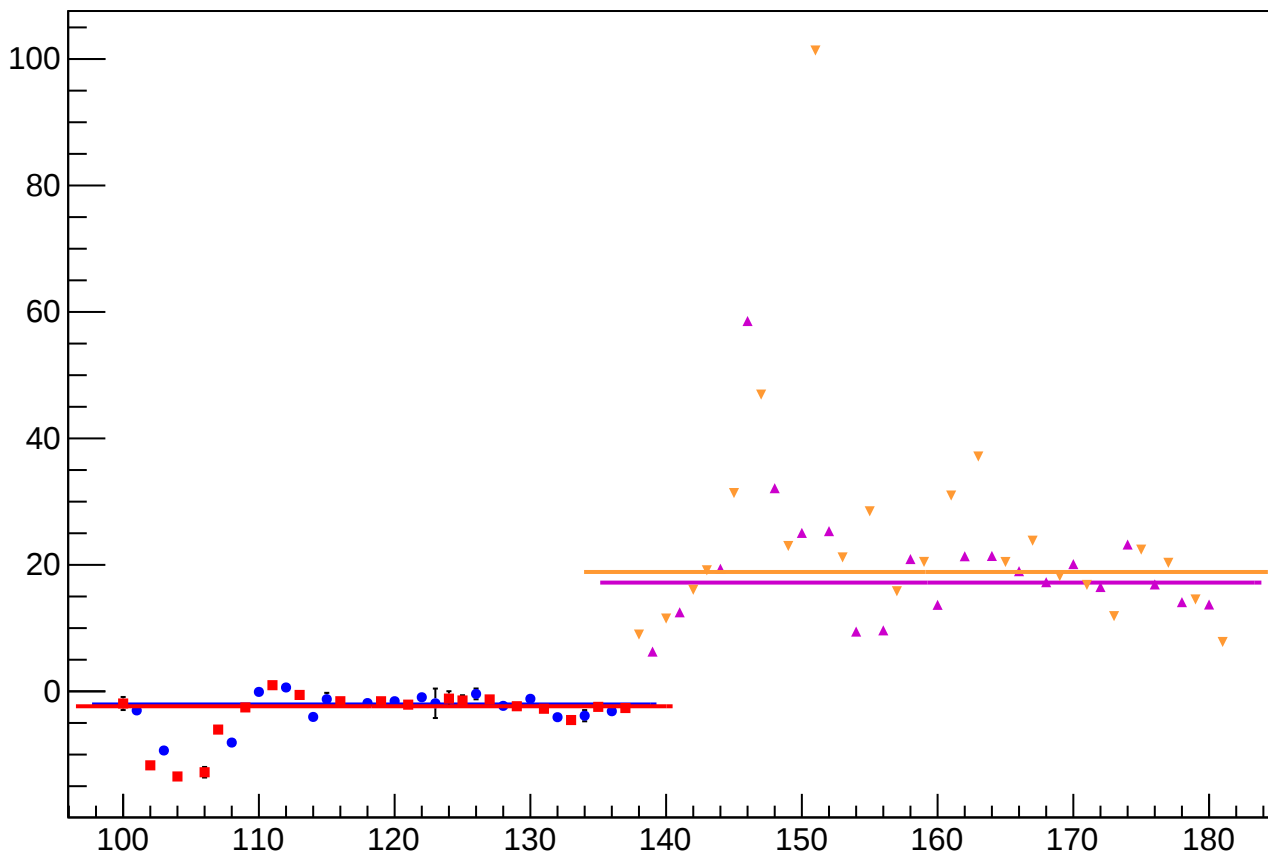
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.846 ± 0.028 $\chi^2/\text{NDF}: 5686.8/37$

Out: 0.784 ± 0.029 $\chi^2/\text{NDF}: 7400.2/41$

All: 0.816 ± 0.020 $\chi^2/\text{NDF}: 13089.3/79$

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: 18.878 ± 0.041 χ^2/NDF : 73582.5/22

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.198 ± 0.040 χ^2/NDF : 37950.2/20

Left: 18.013 ± 0.029 χ^2/NDF : 112383.5/43

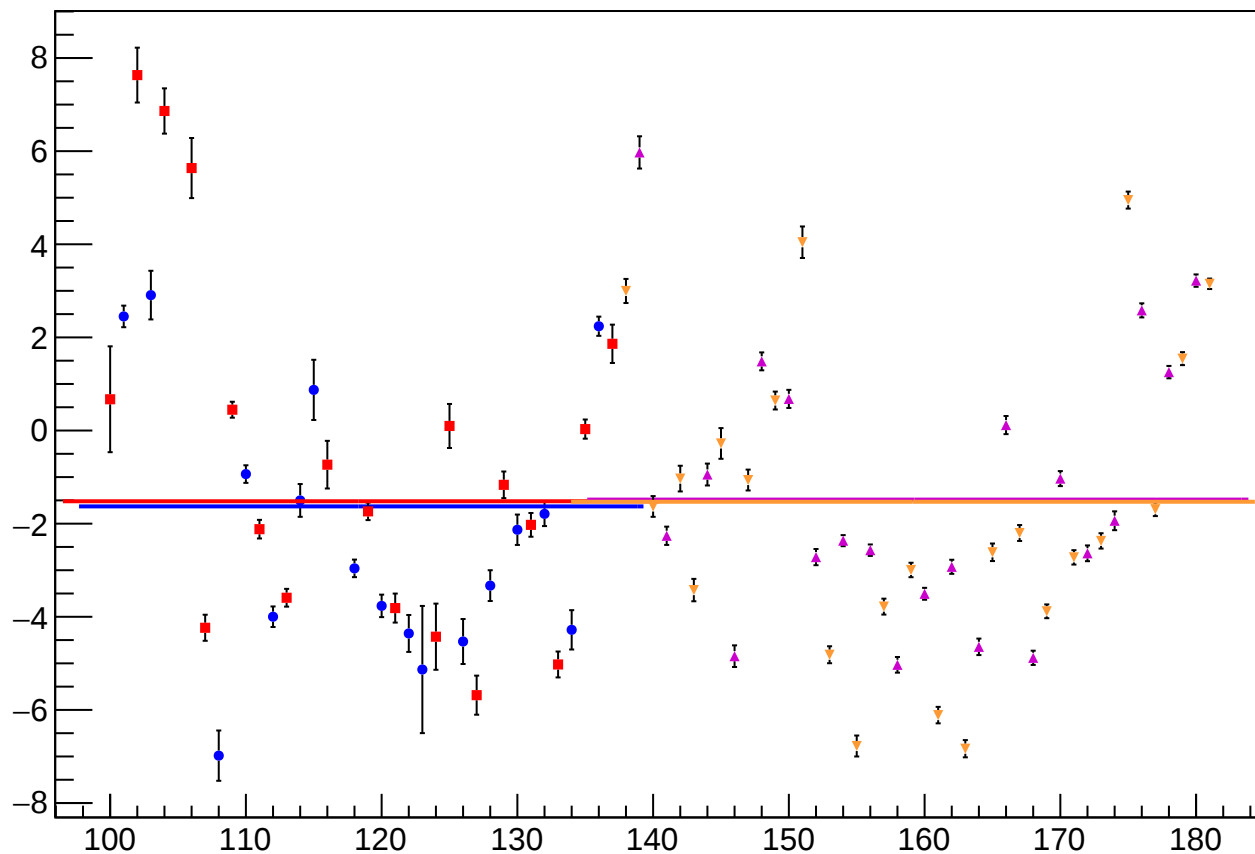
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.949 ± 0.038 χ^2/NDF : 65369.3/37

Out: 15.688 ± 0.038 χ^2/NDF : 114154.4/41

All: 15.314 ± 0.027 χ^2/NDF : 179713.9/79

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: -1.529 ± 0.038 χ^2/NDF : 7279.5/22

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.483 ± 0.036 χ^2/NDF : 5357.3/20

Left: -1.505 ± 0.026 χ^2/NDF : 12637.6/43

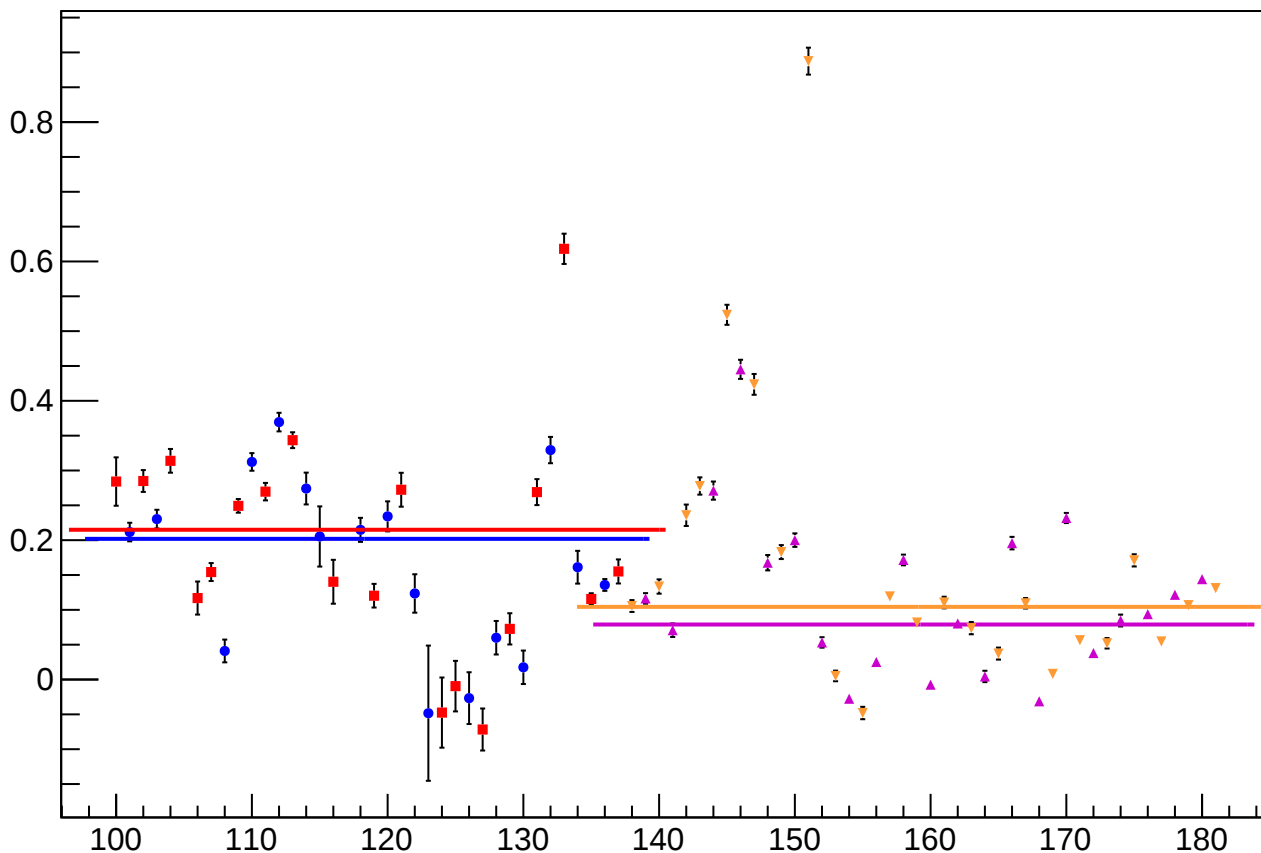
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.513 ± 0.032 χ^2/NDF : 6627.1/37

Out: -1.527 ± 0.033 χ^2/NDF : 8771.4/41

All: -1.520 ± 0.023 χ^2/NDF : 15398.6/79

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4288.3/22

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.079 ± 0.002 χ^2/NDF : 3369.8/20

Left: 0.091 ± 0.001 χ^2/NDF : 7779.7/43

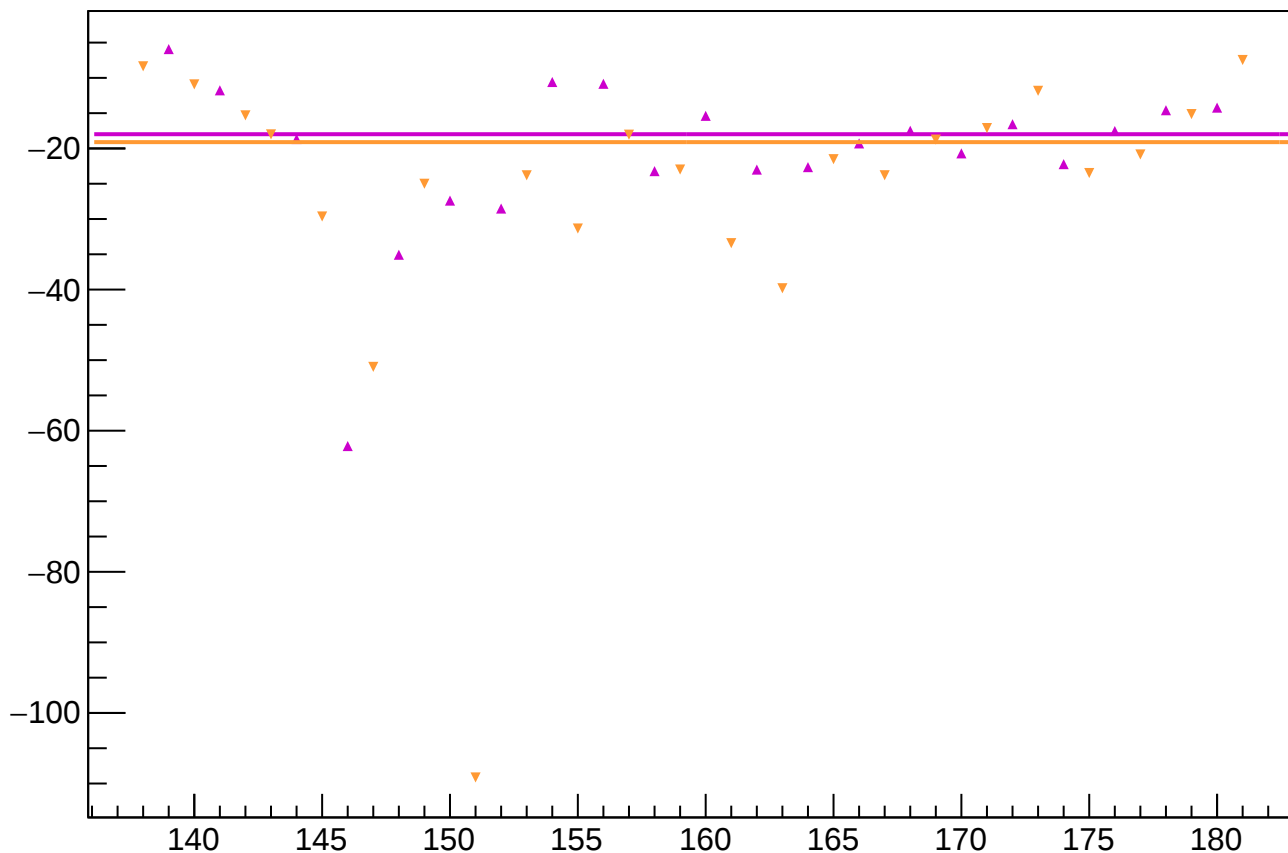
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.094 ± 0.001 χ^2/NDF : 4753.5/37

Out: 0.124 ± 0.002 χ^2/NDF : 6044.4/41

All: 0.108 ± 0.001 χ^2/NDF : 10987.9/79

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



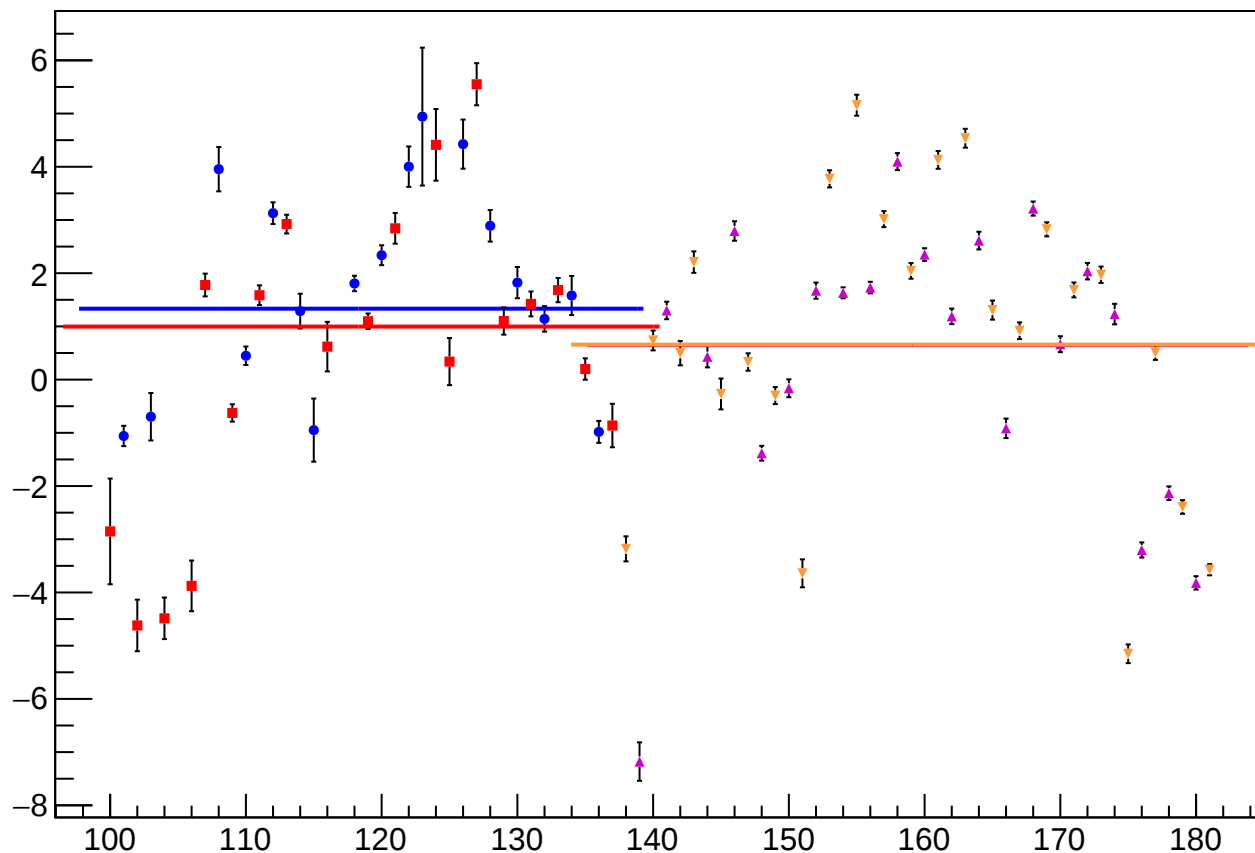
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -19.106+/-0.042 χ^2/NDF :83542.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.982+/-0.041 χ^2/NDF :40239.0/20

Left: -18.536+/-0.029 χ^2/NDF : 124152.6/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.982+/-0.041 χ^2/NDF :40239.0/20
 Out: -19.106+/-0.042 χ^2/NDF :83542.9/22

All: -18.536+/-0.029 χ^2/NDF : 124152.6/43

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.658 ± 0.034 χ^2/NDF : 6460.9/22

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.648 ± 0.032 χ^2/NDF : 4933.6/20

Left: 0.653 ± 0.023 χ^2/NDF : 11394.5/43

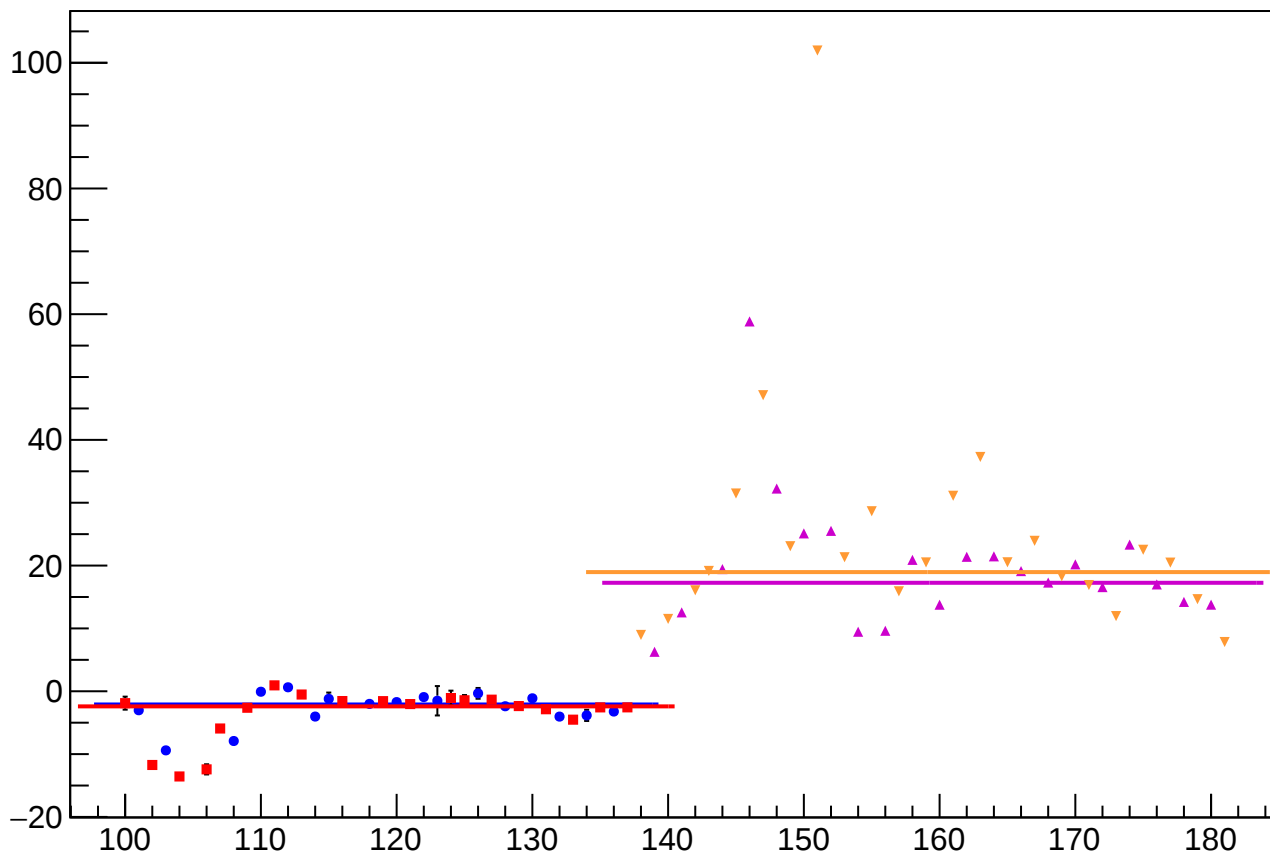
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.795 ± 0.028 χ^2/NDF : 5666.5/37

Out: 0.744 ± 0.029 χ^2/NDF : 7431.6/41

All: 0.771 ± 0.020 χ^2/NDF : 13099.6/79

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: 18.962 ± 0.042 χ^2/NDF : 73665.5/22

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.260 ± 0.040 χ^2/NDF : 38001.7/20

Left: 18.085 ± 0.029 χ^2/NDF : 112533.6/43

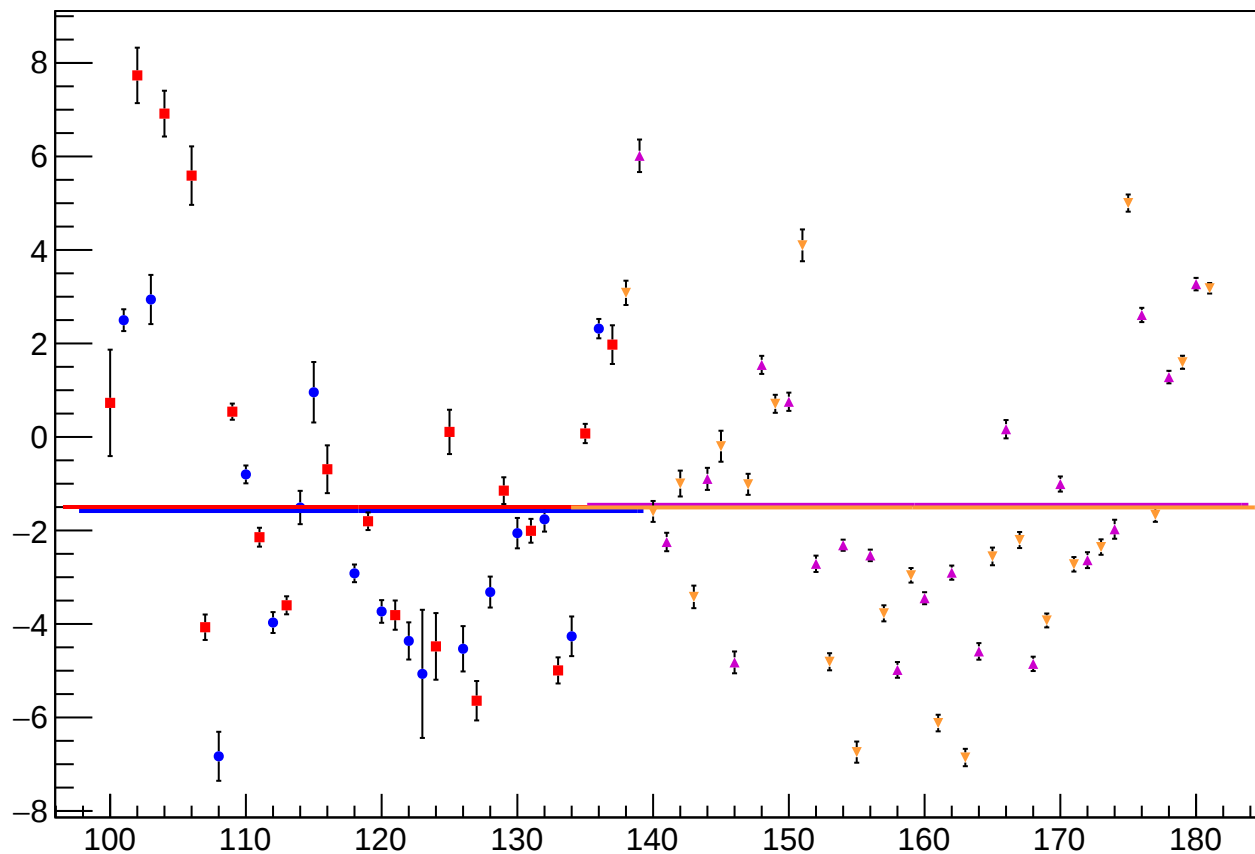
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 15.006 ± 0.038 χ^2/NDF : 65392.6/37

Out: 15.755 ± 0.038 χ^2/NDF : 114323.3/41

All: 15.376 ± 0.027 χ^2/NDF : 179910.0/79

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.508 ± 0.038 χ^2/NDF : 7304.2/22

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.452 ± 0.036 χ^2/NDF : 5325.8/20

Left: -1.478 ± 0.026 χ^2/NDF : 12631.1/43

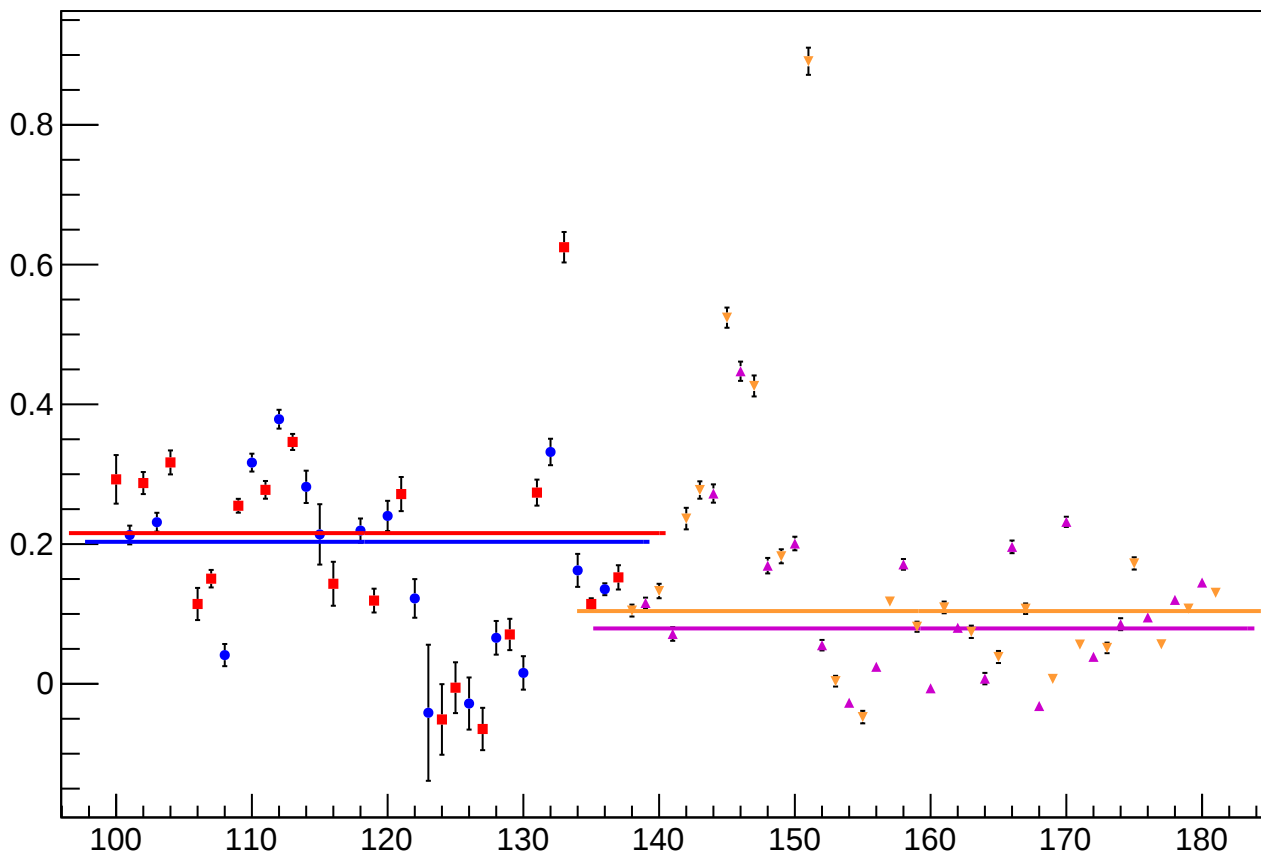
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.479 ± 0.032 χ^2/NDF : 6600.8/37

Out: -1.505 ± 0.033 χ^2/NDF : 8807.9/41

All: -1.492 ± 0.023 χ^2/NDF : 15409.0/79

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.104 $\pm$ 0.002 χ^2 /NDF:4271.4/22

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:3346.2/20

Left: 0.091 $\pm$ 0.001 χ^2 /NDF: 7733.7/43

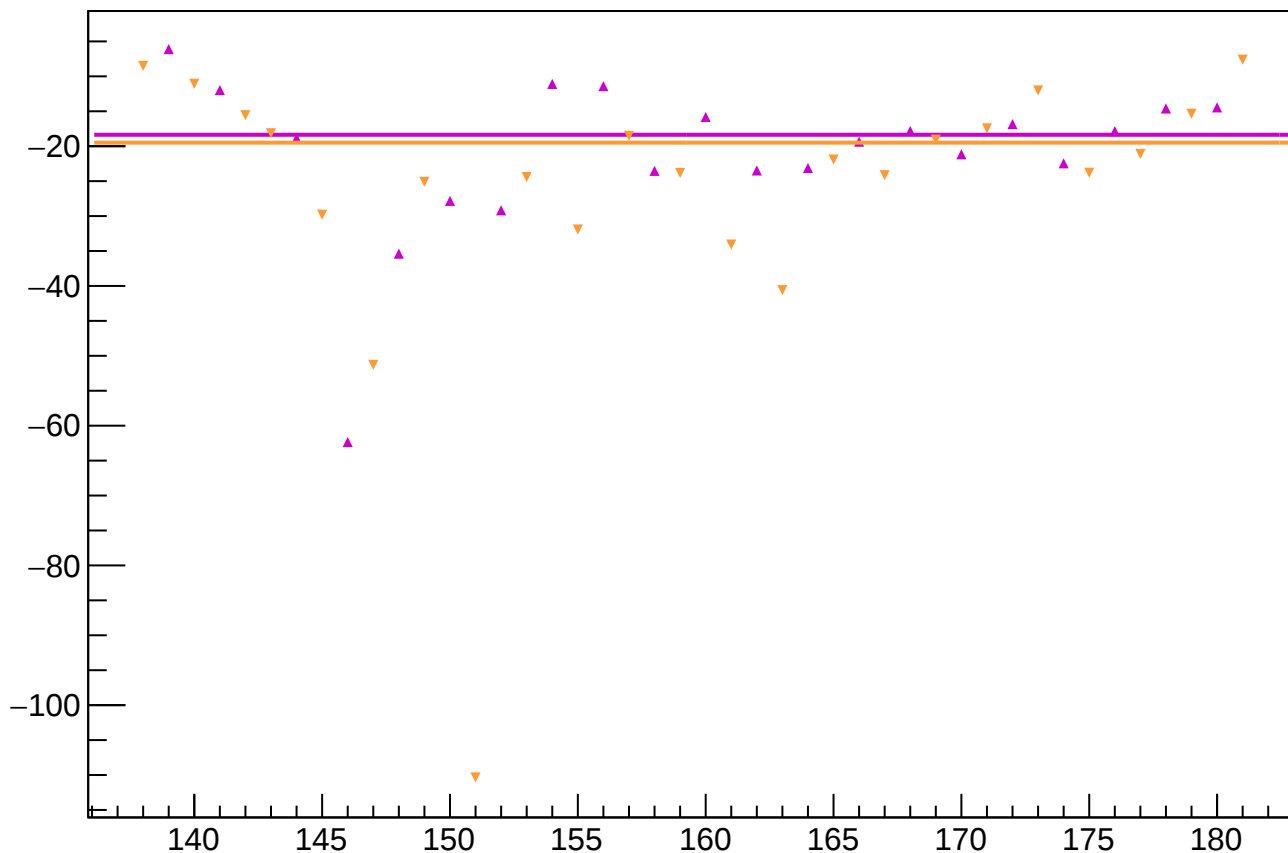
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.095 $\pm$ 0.001 χ^2 /NDF:4765.6/37

Out: 0.124 $\pm$ 0.002 χ^2 /NDF:6068.6/41

All: 0.109 $\pm$ 0.001 χ^2 /NDF: 11018.0/79

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



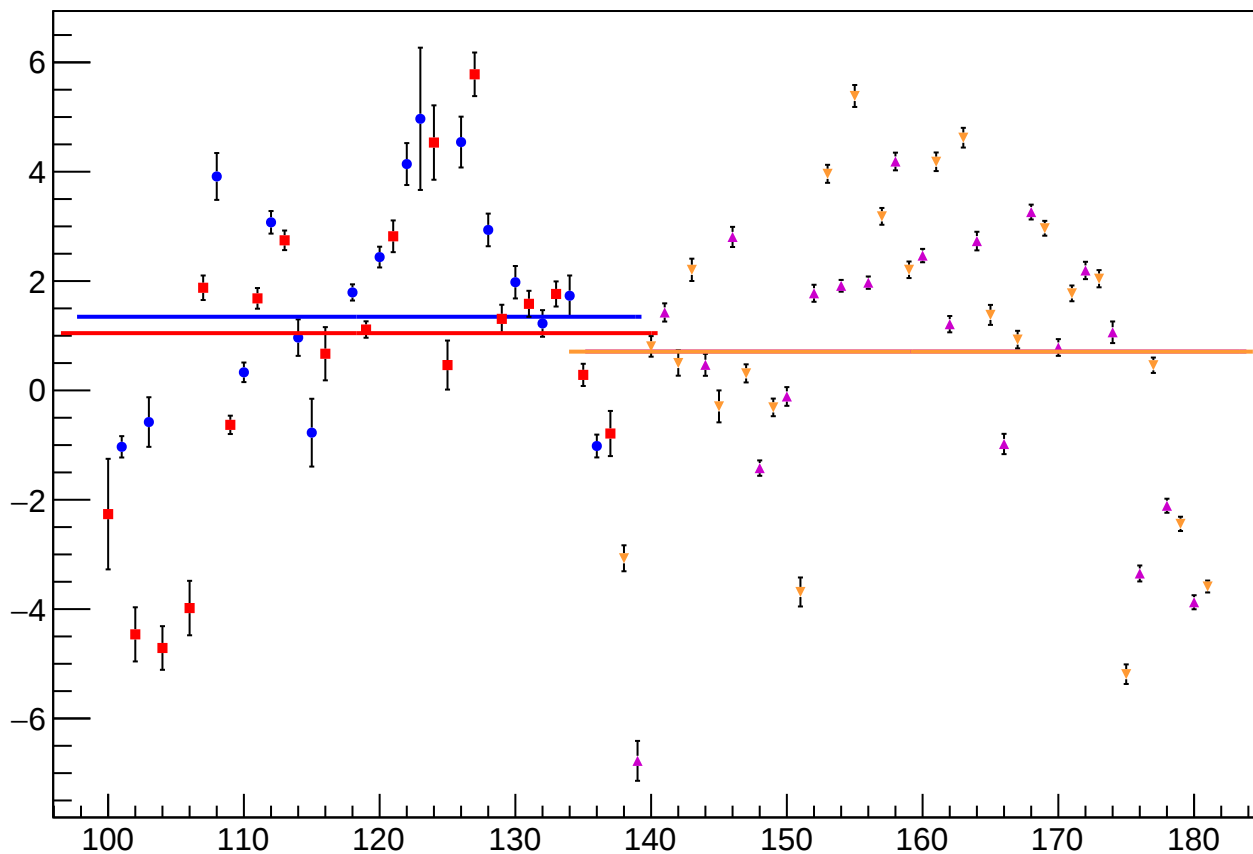
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -19.491+/-0.042 χ^2/NDF :82907.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.364+/-0.042 χ^2/NDF :39297.9/20

Left: -18.920+/-0.030 χ^2/NDF : 122562.4/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.364+/-0.042 χ^2/NDF :39297.9/20
 Out: -19.491+/-0.042 χ^2/NDF :82907.2/22

All: -18.920+/-0.030 χ^2/NDF : 122562.4/43

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: 0.709 $\pm$ 0.035 χ^2 /NDF: 6452.7/22

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.712 $\pm$ 0.033 χ^2 /NDF: 4988.4/20

Left: 0.711 $\pm$ 0.024 χ^2 /NDF: 11441.2/43

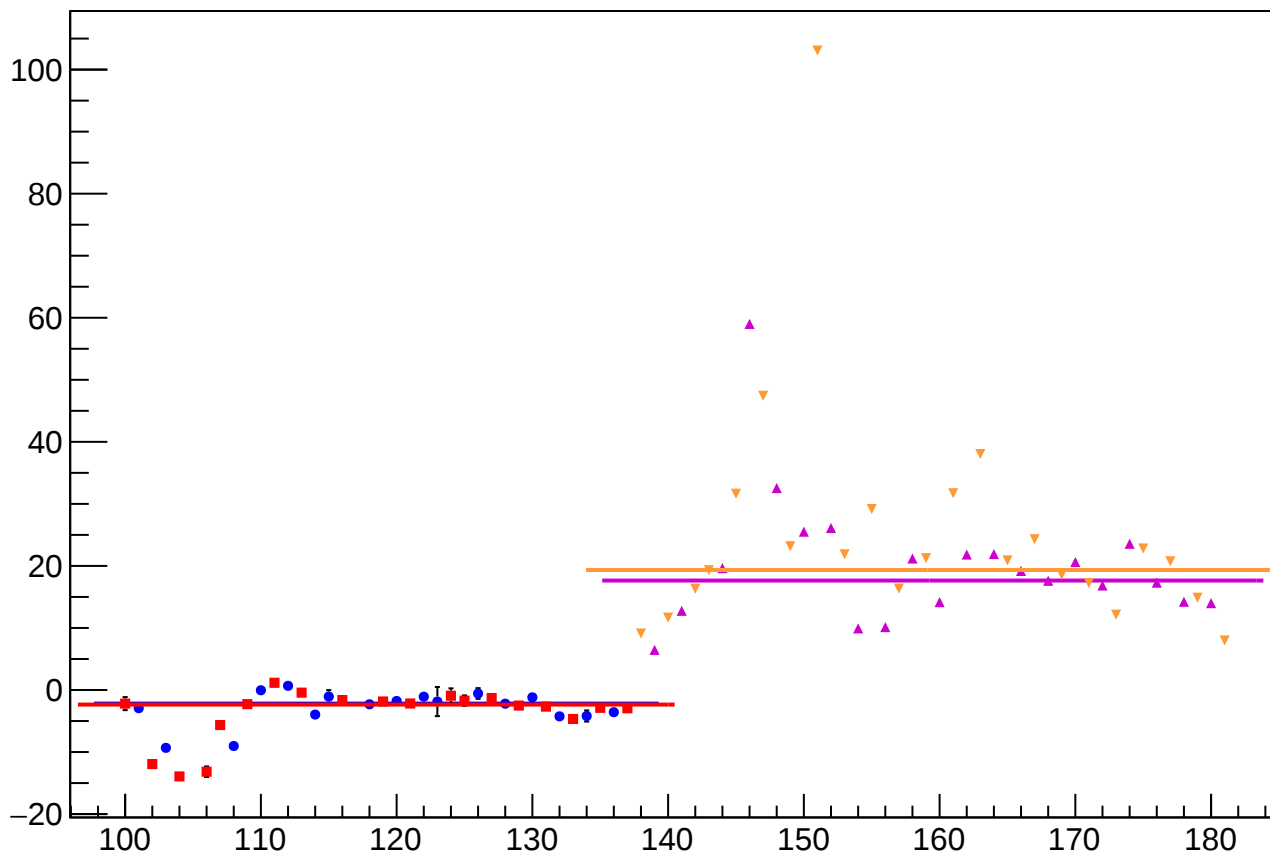
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 0.849 $\pm$ 0.029 χ^2 /NDF: 5700.1/37

Out: 0.795 $\pm$ 0.030 χ^2 /NDF: 7393.1/41

All: 0.823 $\pm$ 0.021 χ^2 /NDF: 13094.9/79

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: 19.346 ± 0.042 $\chi^2/\text{NDF}: 73052.9/22$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 17.645 ± 0.041 $\chi^2/\text{NDF}: 36902.8/20$

Left: 18.470 ± 0.030 $\chi^2/\text{NDF}: 110783.9/43$

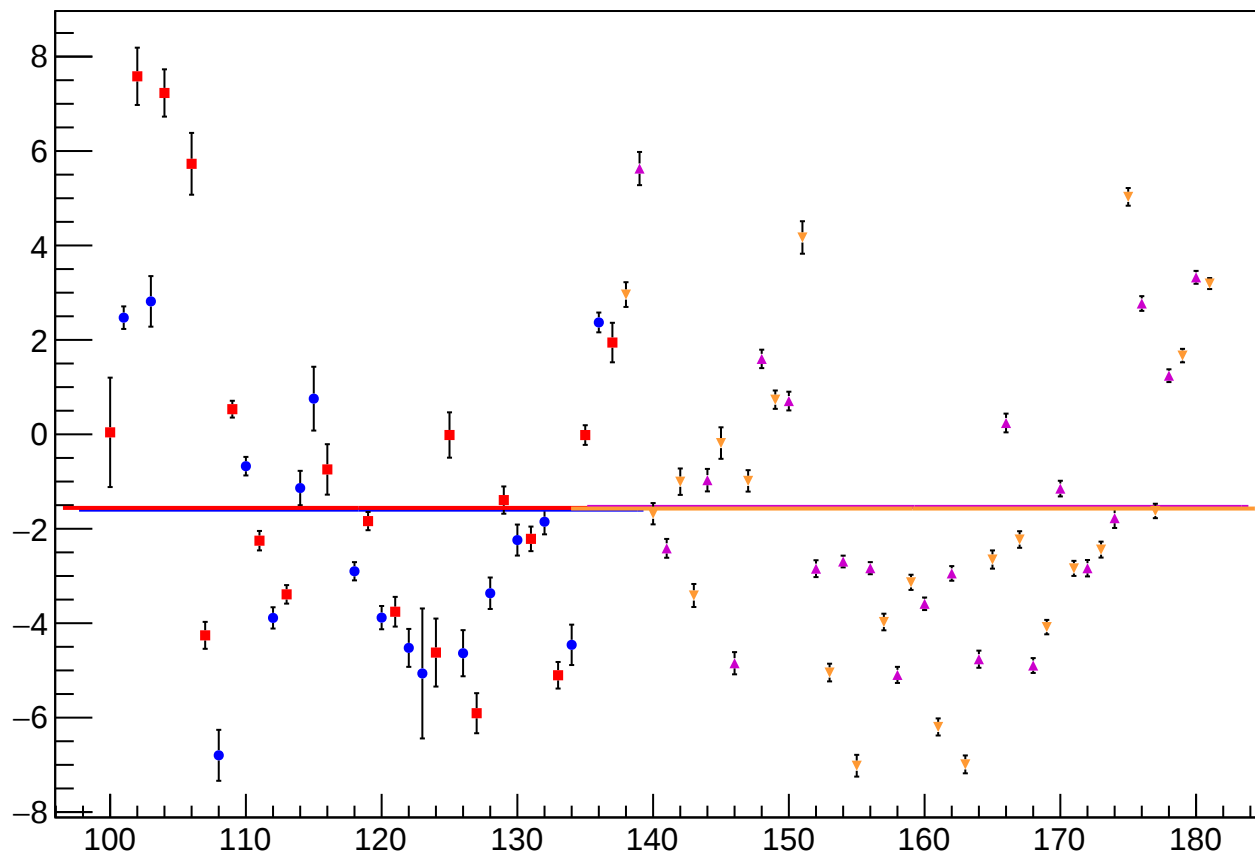
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 15.312 ± 0.039 $\chi^2/\text{NDF}: 64636.6/37$

Out: 16.085 ± 0.039 $\chi^2/\text{NDF}: 113262.4/41$

All: 15.694 ± 0.028 $\chi^2/\text{NDF}: 178096.3/79$

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: -1.572±/0.039 χ^2/NDF : 7296.8/22

Right Out: -1.558±/0.067 χ^2/NDF : 1463.8/18

Left In: -1.537±/0.037 χ^2/NDF : 5383.3/20

Left: -1.554±/0.027 χ^2/NDF : 12680.5/43

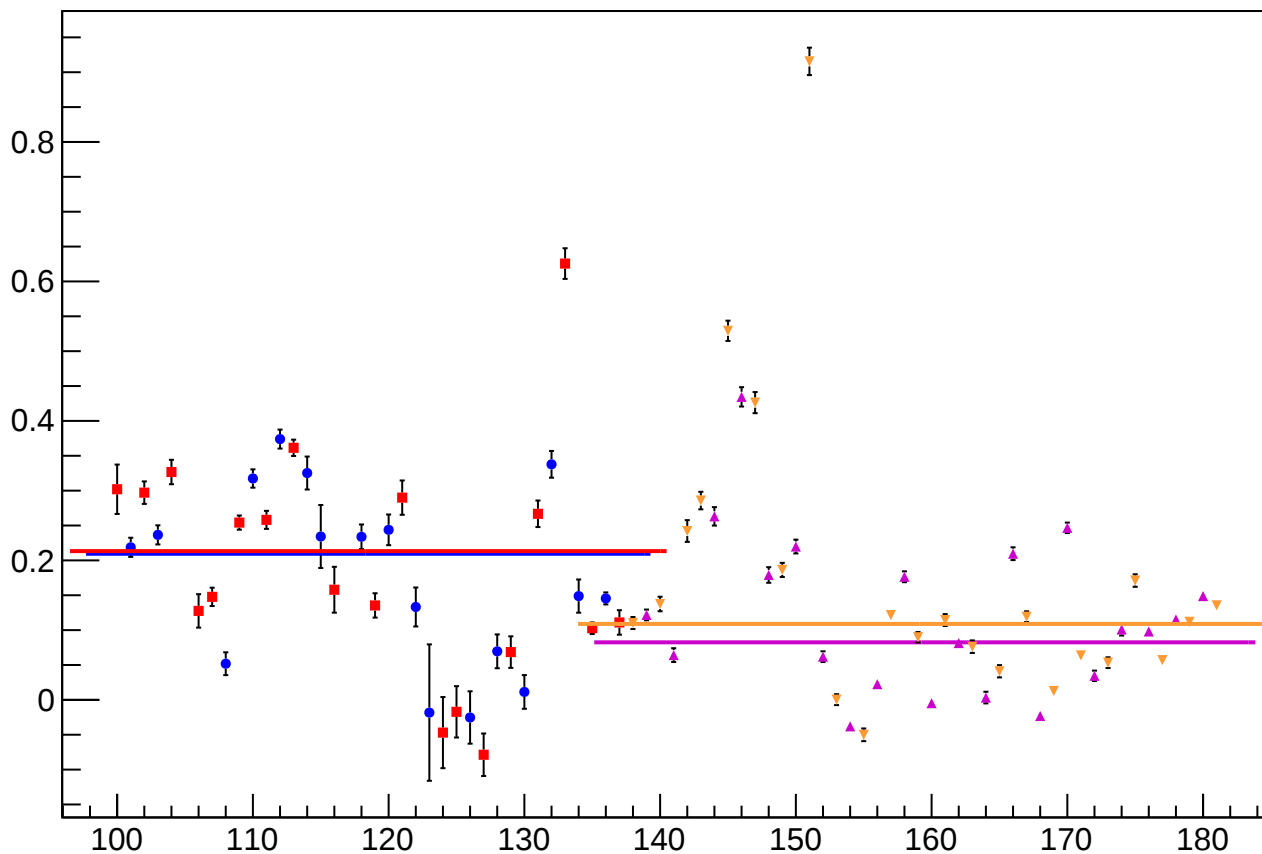
Right: -1.575±/0.049 χ^2/NDF : 2719.3/35

In: -1.549±/0.033 χ^2/NDF : 6639.2/37

Out: -1.569±/0.033 χ^2/NDF : 8760.6/41

All: -1.559±/0.023 χ^2/NDF : 15400.0/79

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: 0.109 ± 0.002 χ^2/NDF : 4298.5/22

Right Out: 0.213 ± 0.004 χ^2/NDF : 1103.2/18

Left In: 0.082 ± 0.002 χ^2/NDF : 3420.8/20

Left: 0.095 ± 0.001 χ^2/NDF : 7844.5/43

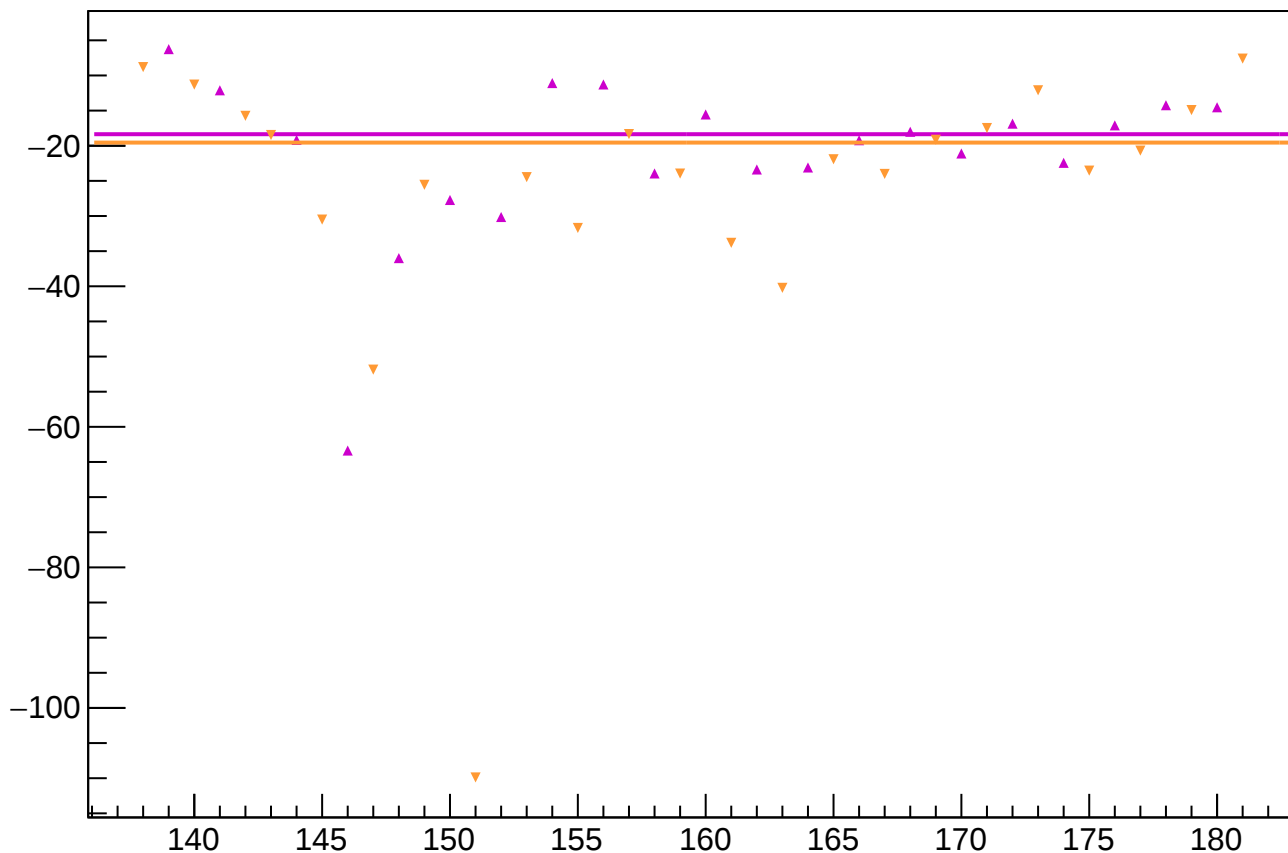
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.099 ± 0.002 χ^2/NDF : 4814.6/37

Out: 0.127 ± 0.002 χ^2/NDF : 6039.3/41

All: 0.112 ± 0.001 χ^2/NDF : 11026.5/79

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: -19.551+/-0.043 χ^2/NDF :81604.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.359+/-0.042 χ^2/NDF :39793.2/20

Left: -18.947+/-0.030 χ^2/NDF : 121791.1/43

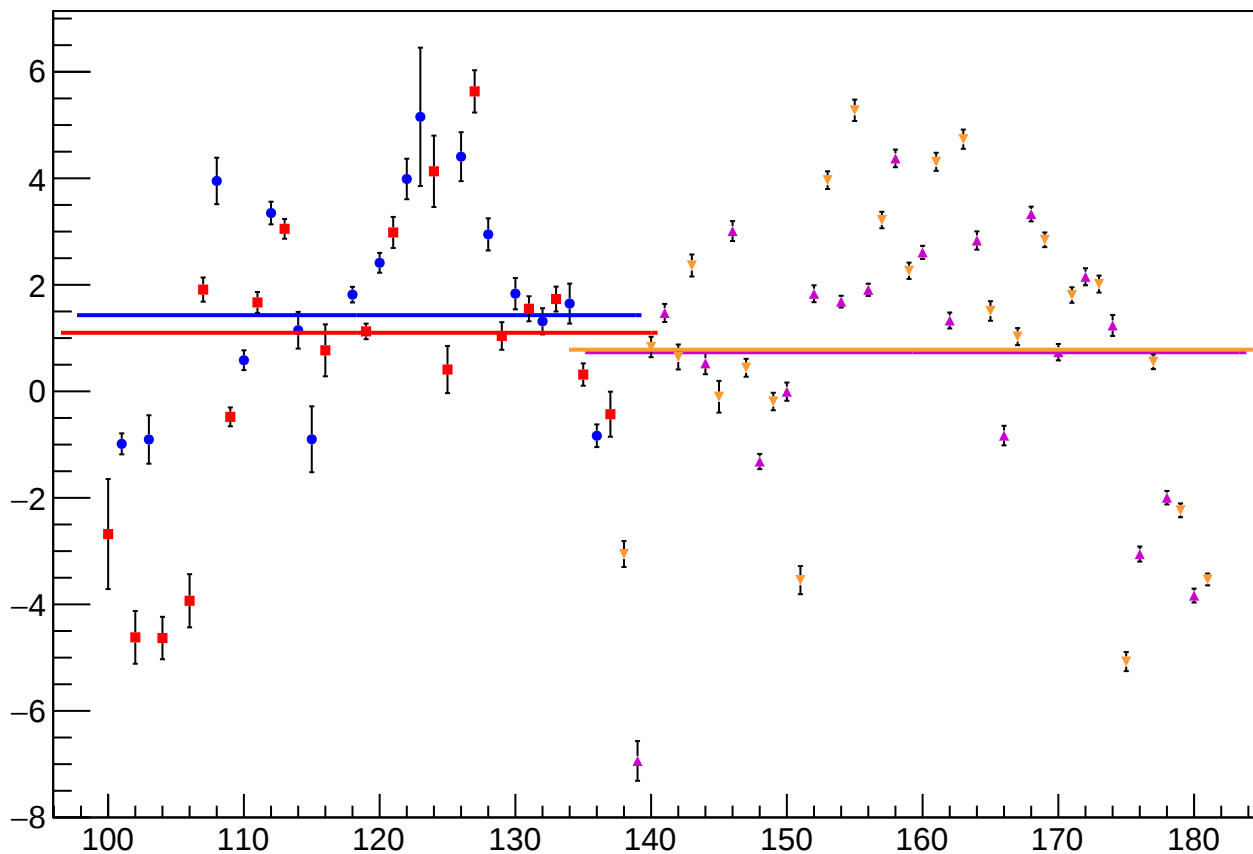
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.359+/-0.042 χ^2/NDF :39793.2/20

Out: -19.551+/-0.043 χ^2/NDF :81604.7/22

All: -18.947+/-0.030 χ^2/NDF : 121791.1/43

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 0.782 ± 0.035 $\chi^2/\text{NDF}: 6207.7/22$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 0.734 ± 0.033 $\chi^2/\text{NDF}: 4833.0/20$

Left: 0.757 ± 0.024 $\chi^2/\text{NDF}: 11041.7/43$

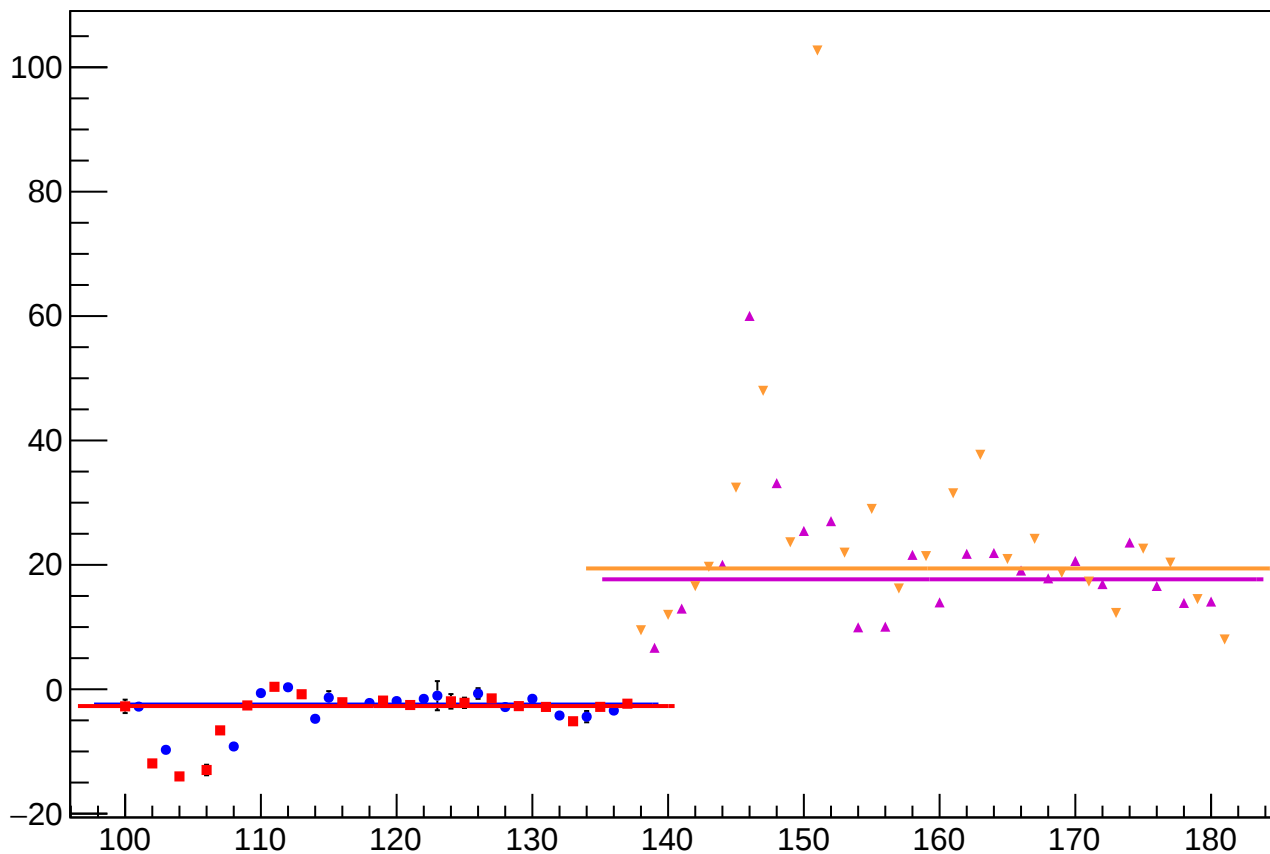
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 0.885 ± 0.029 $\chi^2/\text{NDF}: 5527.2/37$

Out: 0.862 ± 0.030 $\chi^2/\text{NDF}: 7129.8/41$

All: 0.874 ± 0.021 $\chi^2/\text{NDF}: 12657.3/79$

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: 19.425 ± 0.043 χ^2/NDF : 72037.4/22

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 17.676 ± 0.041 χ^2/NDF : 37400.4/20

Left: 18.524 ± 0.030 χ^2/NDF : 110298.9/43

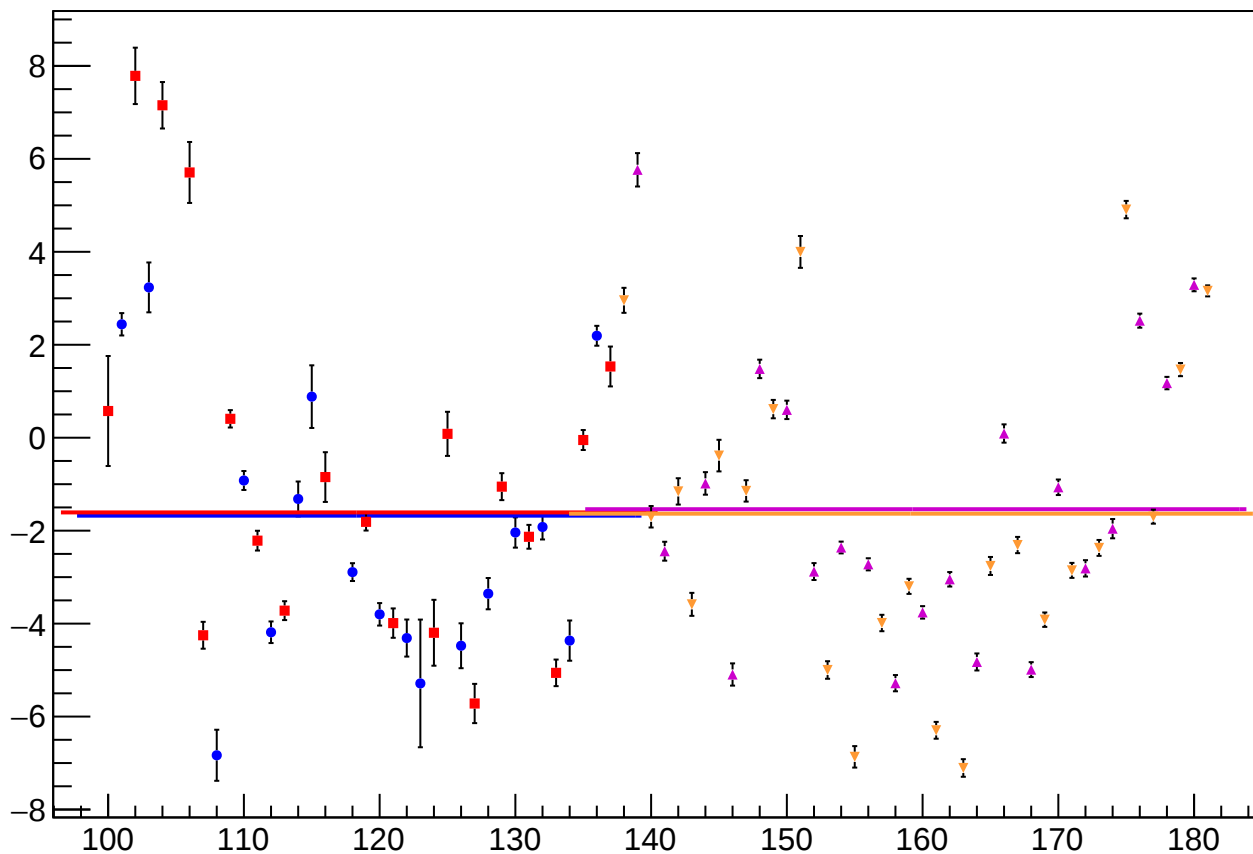
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.341 ± 0.039 χ^2/NDF : 65121.4/37

Out: 16.177 ± 0.039 χ^2/NDF : 112168.9/41

All: 15.754 ± 0.028 χ^2/NDF : 177516.7/79

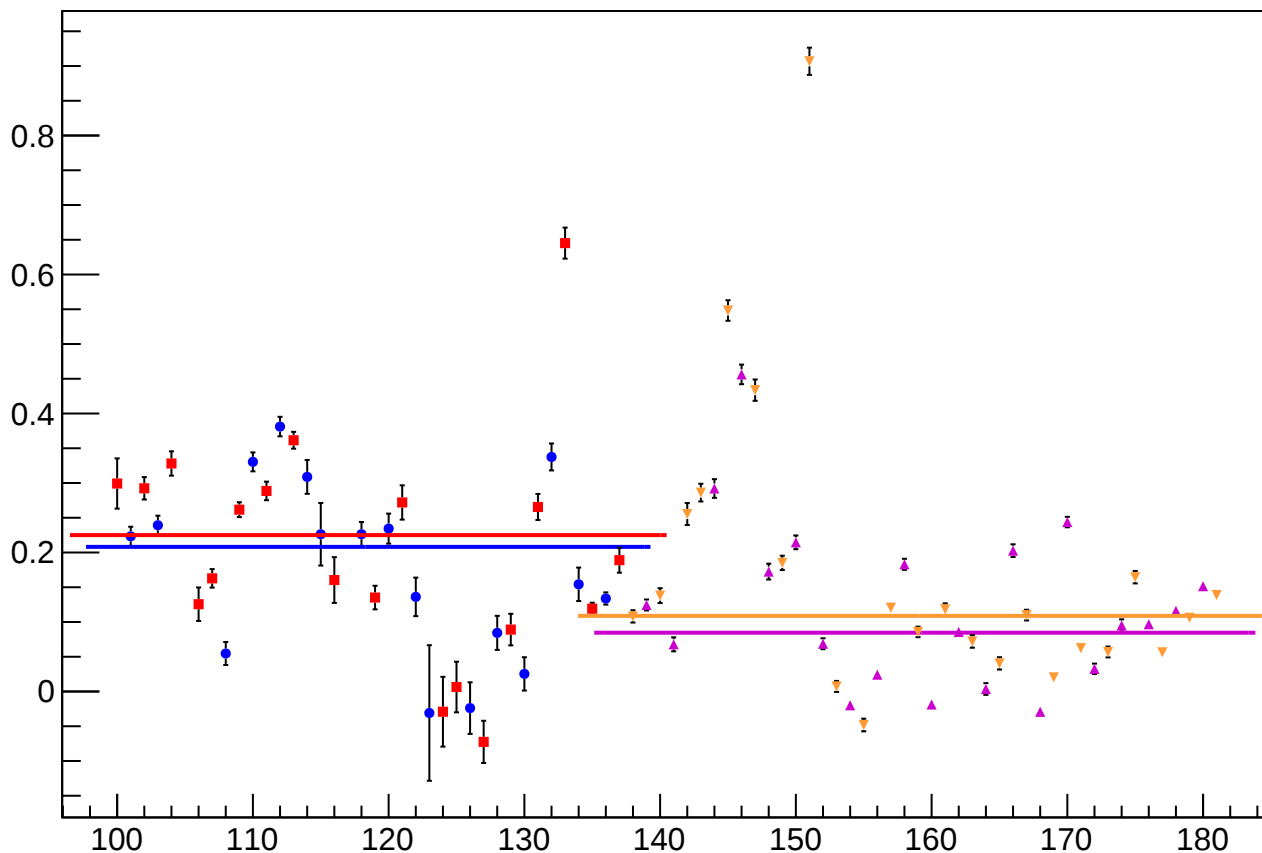
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$
 Left Out: -1.635 ± 0.039 $\chi^2/\text{NDF}: 7041.3/22$
 Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$
 Left In: -1.538 ± 0.037 $\chi^2/\text{NDF}: 5273.1/20$

Left: -1.584 ± 0.027 $\chi^2/\text{NDF}: 12317.6/43$
 Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$
 In: -1.567 ± 0.033 $\chi^2/\text{NDF}: 6480.7/37$
 Out: -1.628 ± 0.034 $\chi^2/\text{NDF}: 8472.2/41$
 All: -1.597 ± 0.024 $\chi^2/\text{NDF}: 14954.6/79$

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: 0.109 $\pm$ 0.002 χ^2/NDF : 4267.3/22

Right Out: 0.225 $\pm$ 0.004 χ^2/NDF : 1000.0/18

Left In: 0.085 $\pm$ 0.002 χ^2/NDF : 3386.0/20

Left: 0.096 $\pm$ 0.001 χ^2/NDF : 7757.4/43

Right: 0.217 $\pm$ 0.003 χ^2/NDF : 1609.0/35

In: 0.100 $\pm$ 0.002 χ^2/NDF : 4720.1/37

Out: 0.129 $\pm$ 0.002 χ^2/NDF : 6029.6/41

All: 0.114 $\pm$ 0.001 χ^2/NDF : 10919.9/79