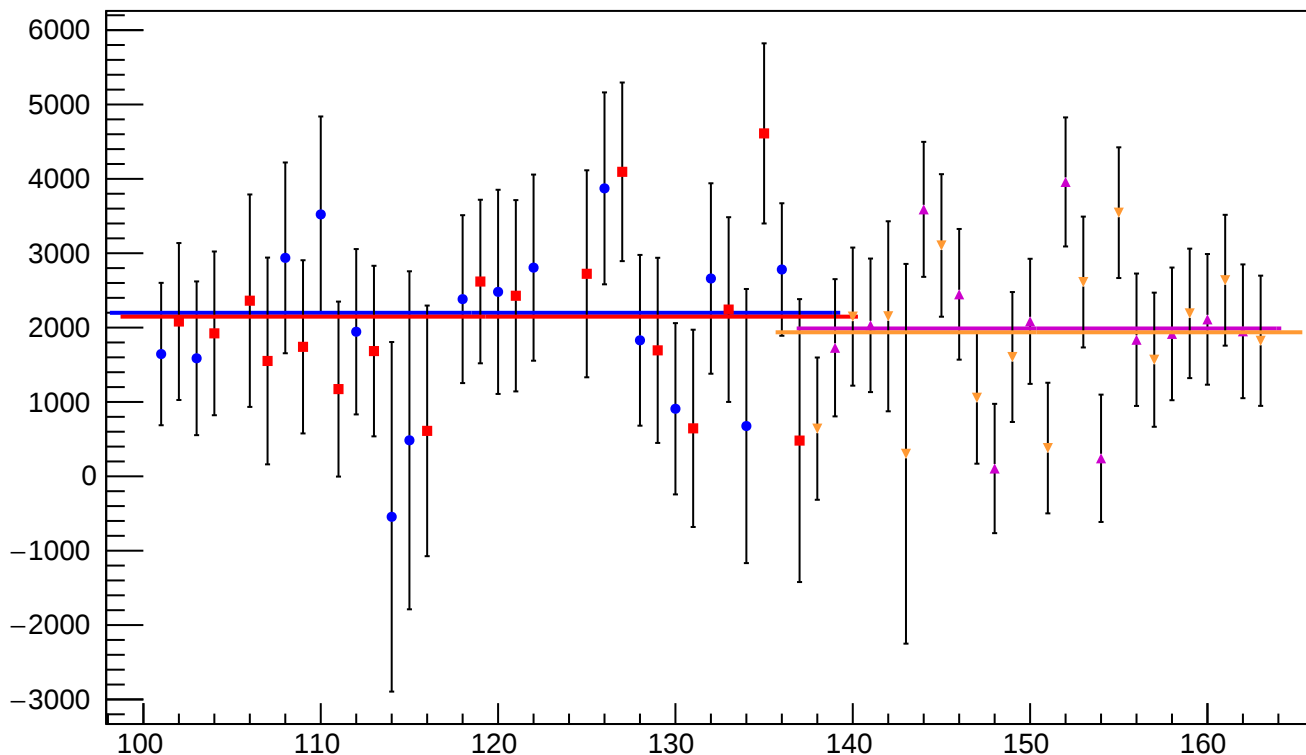


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1936.988+/-252.229

Right Out: 2147.149+/-304.804

Left In: 1987.969+/-254.795

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/13

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/11

Left: 1962.220+/-179.253

Right: 2172.848+/-216.219

In: 2074.071+/-196.004

Out: 2022.408+/-194.323

All: 2048.017+/-137.998

χ^2/NDF : 30.5/25

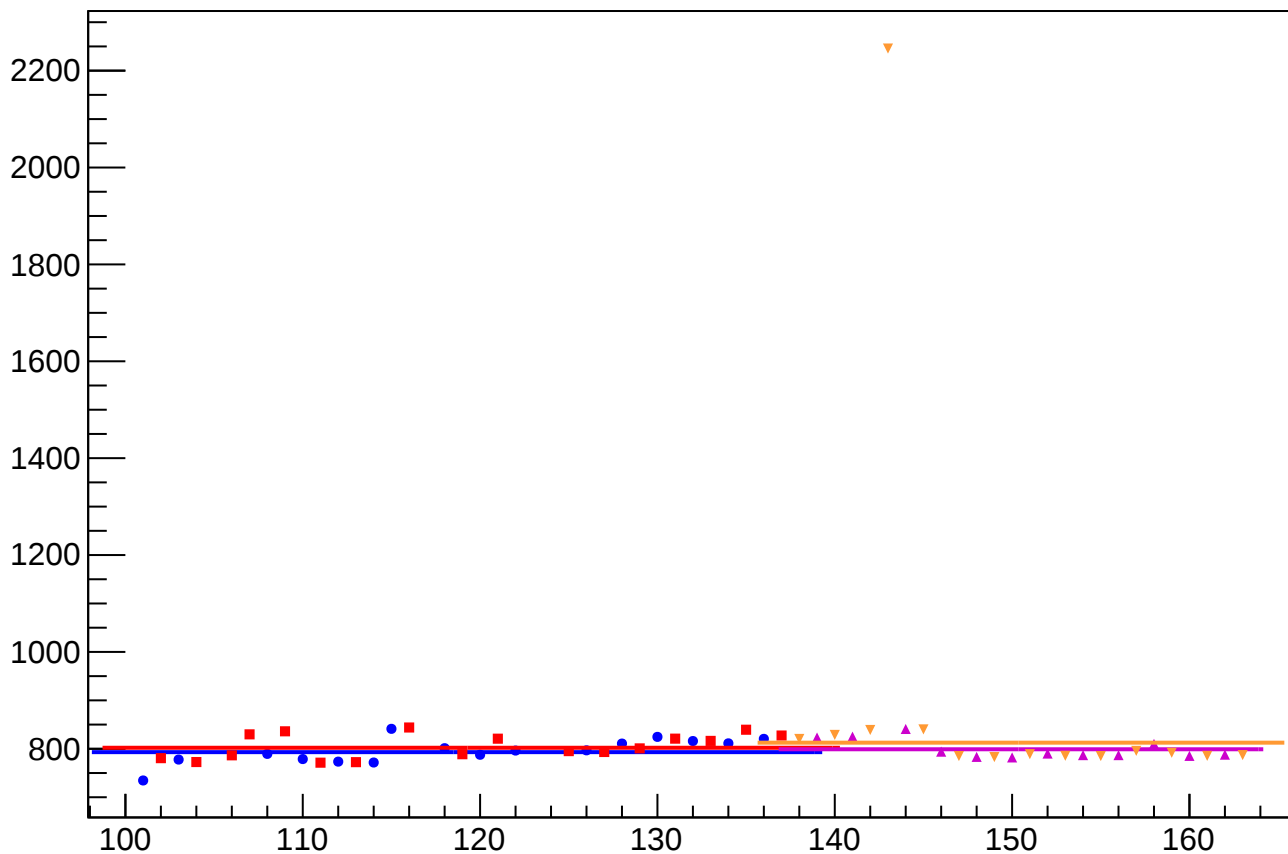
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/27

χ^2/NDF : 24.6/30

χ^2/NDF : 51.1/58

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 812.664 ± 0.178 χ^2/NDF : 648336.1/13

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

Left In: 799.022 ± 0.180 χ^2/NDF : 10918.6/11

Left: 805.912 ± 0.127 χ^2/NDF : 662150.5/25

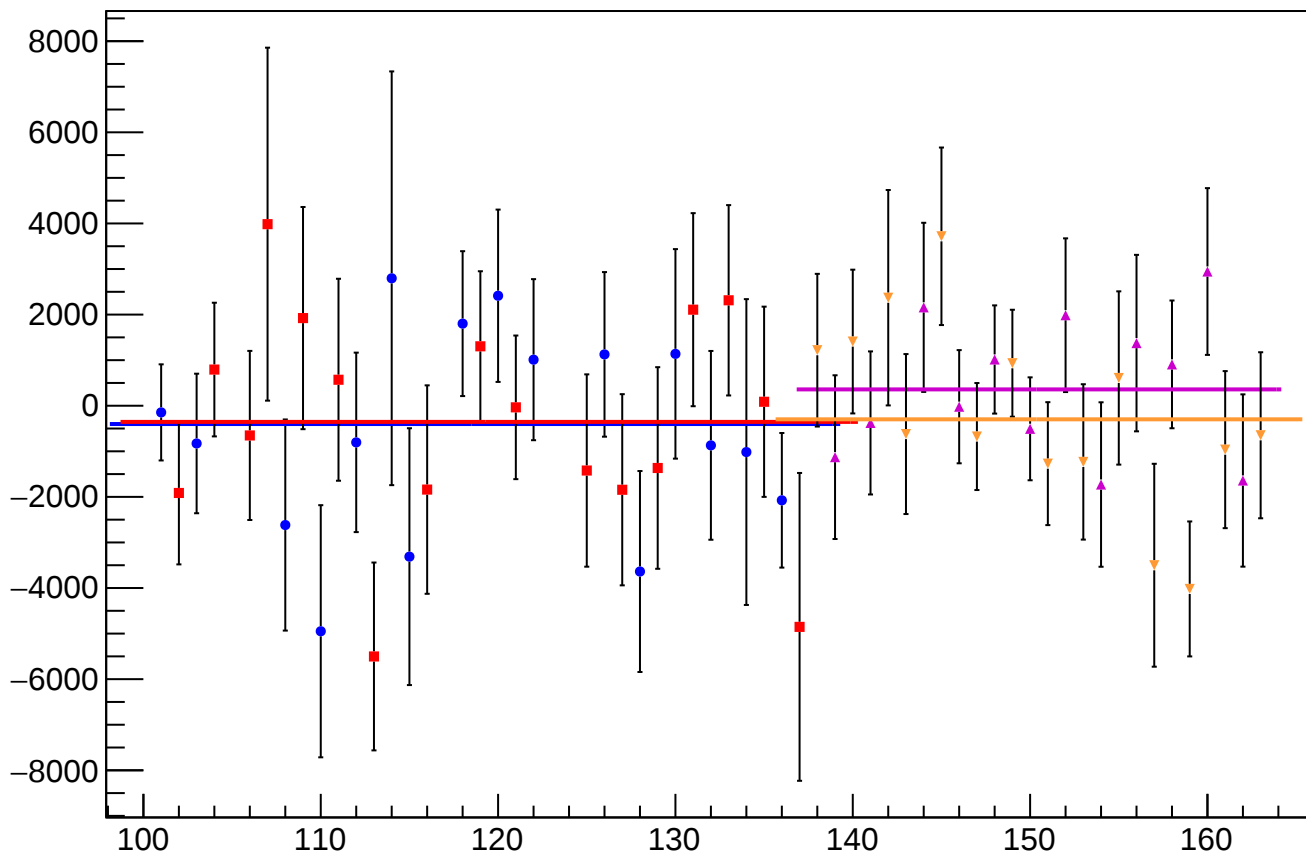
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 796.601 ± 0.139 χ^2/NDF : 26064.1/27

Out: 808.390 ± 0.137 χ^2/NDF : 662472.8/30

All: 802.546 ± 0.098 χ^2/NDF : 692185.7/58

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -298.231 $\pm$ 428.602 χ^2/NDF : 18.4/13

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

Left In: 358.445 $\pm$ 440.180 χ^2/NDF : 8.6/11

Left: 21.357 $\pm$ 307.079 χ^2/NDF : 28.2/25

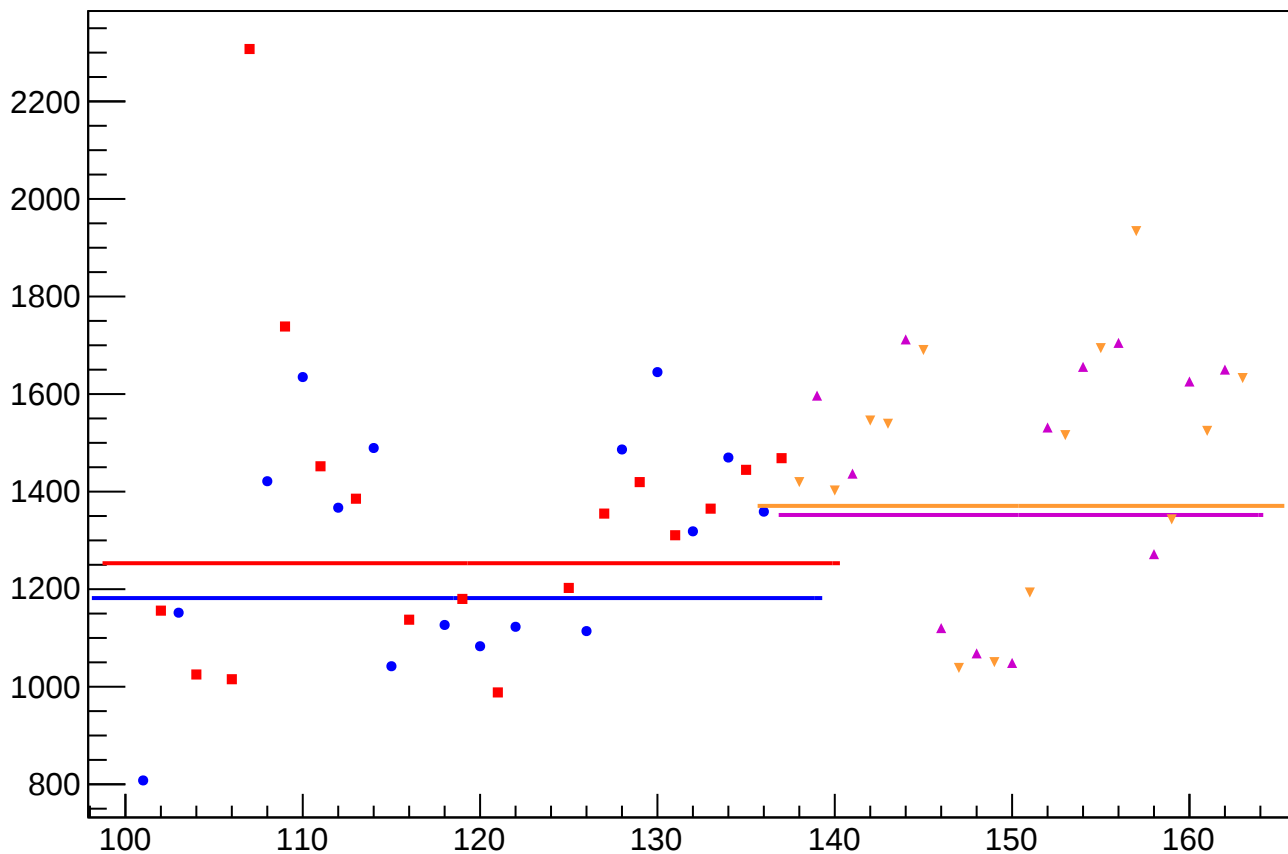
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

In: 2.288 $\pm$ 320.853 χ^2/NDF : 24.9/27

Out: -322.802 $\pm$ 321.606 χ^2/NDF : 35.8/30

All: -159.876 $\pm$ 227.143 χ^2/NDF : 61.2/58

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1370.775 $\pm$ 0.303 χ^2/NDF : 687913.0/13

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

Left In: 1352.132 $\pm$ 0.311 χ^2/NDF : 693084.2/11

Left: 1361.702 $\pm$ 0.217 χ^2/NDF : 1382838.9/25

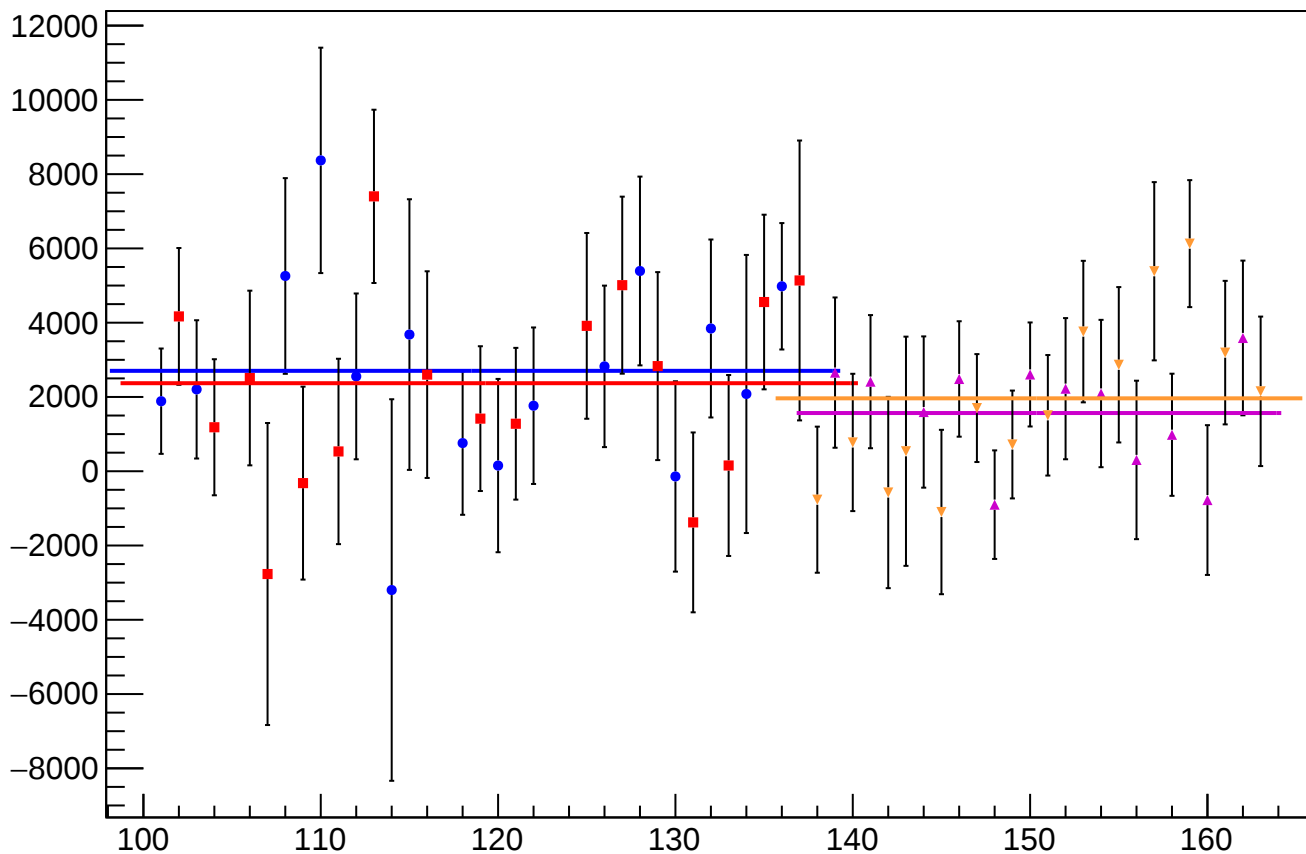
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

In: 1272.284 $\pm$ 0.227 χ^2/NDF : 1376992.0/27

Out: 1319.409 $\pm$ 0.227 χ^2/NDF : 1209294.4/30

All: 1295.792 $\pm$ 0.161 χ^2/NDF : 2607807.5/58

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1963.134 $\pm$ 508.140 χ^2 /NDF:15.7/13

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

Left In: 1567.400 $\pm$ 513.996 χ^2 /NDF:7.2/11

Left: 1767.533 $\pm$ 361.362 χ^2 /NDF: 23.3/25

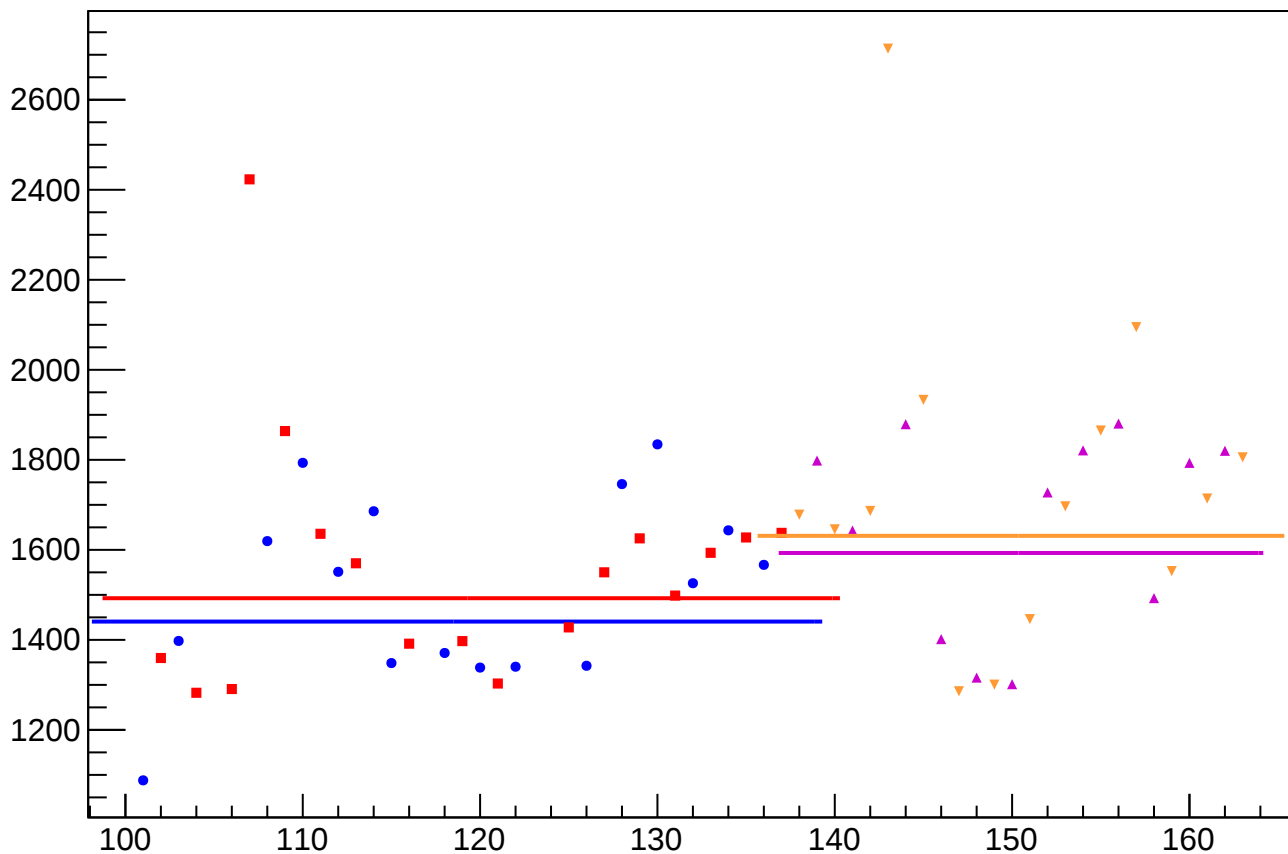
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2082.444 $\pm$ 380.055 χ^2 /NDF:22.5/27

Out: 2142.349 $\pm$ 380.322 χ^2 /NDF:32.1/30

All: 2112.376 $\pm$ 268.834 χ^2 /NDF: 54.5/58

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1631.144 $\pm$ 0.359 χ^2 /NDF: 653033.2/13

Right Out: 1492.529 $\pm$ 0.406 χ^2 /NDF: 251506.2/16

Left In: 1593.073 $\pm$ 0.363 χ^2 /NDF: 374035.8/11

Left: 1612.327 $\pm$ 0.256 χ^2 /NDF: 1032618.2/25

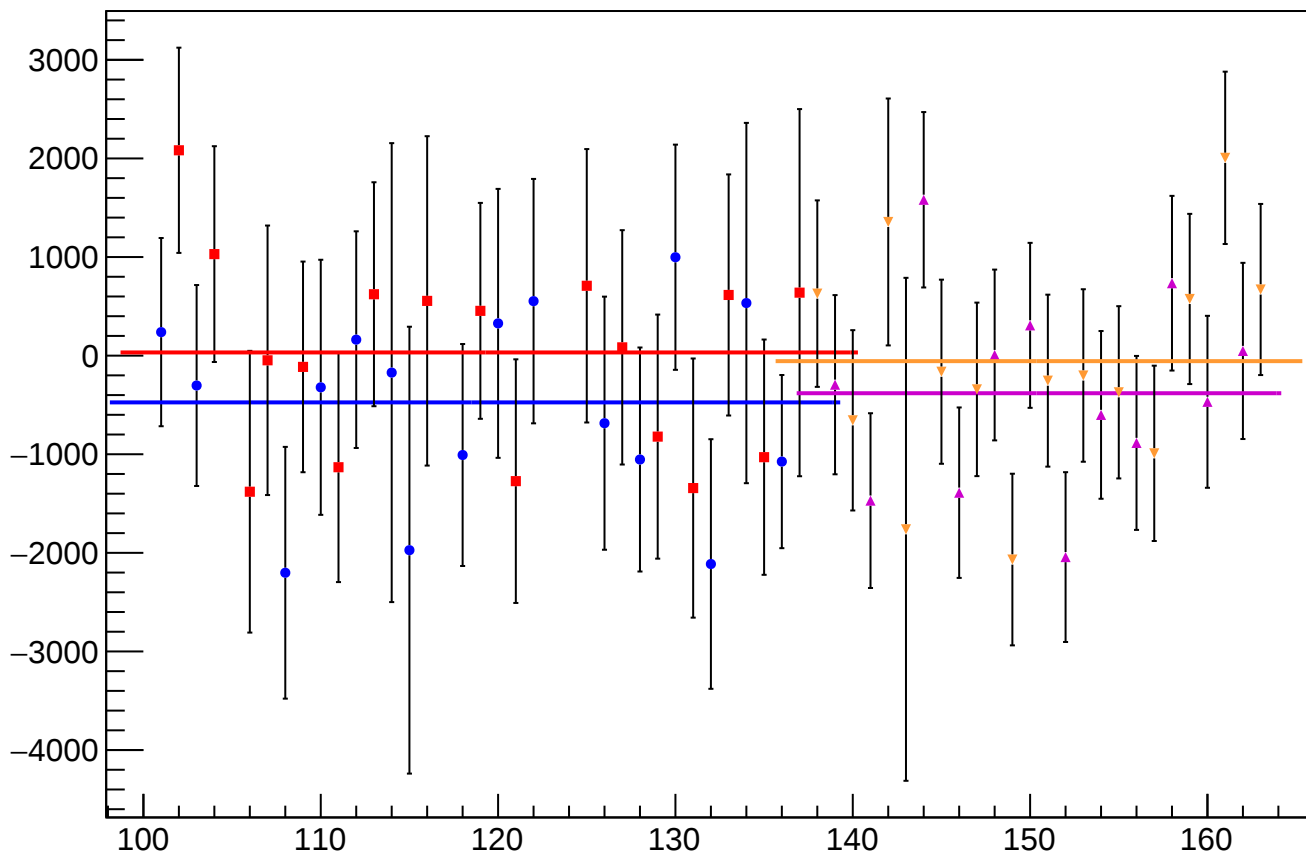
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1523.985 $\pm$ 0.269 χ^2 /NDF: 736015.7/27

Out: 1570.180 $\pm$ 0.269 χ^2 /NDF: 969995.1/30

All: 1547.067 $\pm$ 0.190 χ^2 /NDF: 1720774.2/58

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.761+/-249.676 χ^2/NDF : 16.3/13

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

Left In: -381.137+/-252.320 χ^2/NDF : 14.6/11

Left: -216.736+/-177.475 χ^2/NDF : 31.7/25

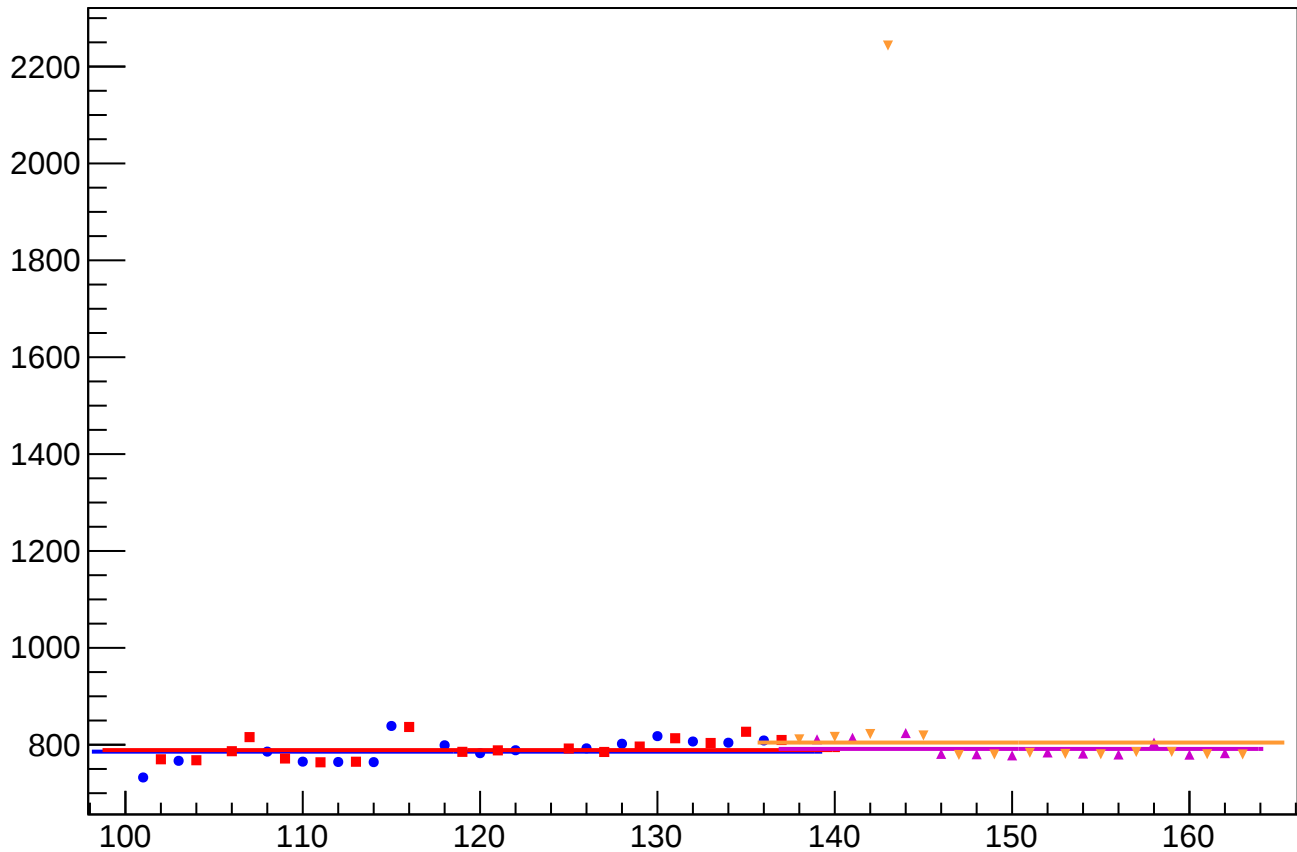
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -419.084+/-194.133 χ^2/NDF : 23.5/27

Out: -19.607+/-191.806 χ^2/NDF : 27.6/30

All: -216.937+/-136.443 χ^2/NDF : 53.2/58

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 804.510 $\pm$ 0.177 χ^2 /NDF: 650377.2/13

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

Left In: 791.380 $\pm$ 0.178 χ^2 /NDF: 7867.5/11

Left: 798.014 $\pm$ 0.125 χ^2 /NDF: 660981.0/25

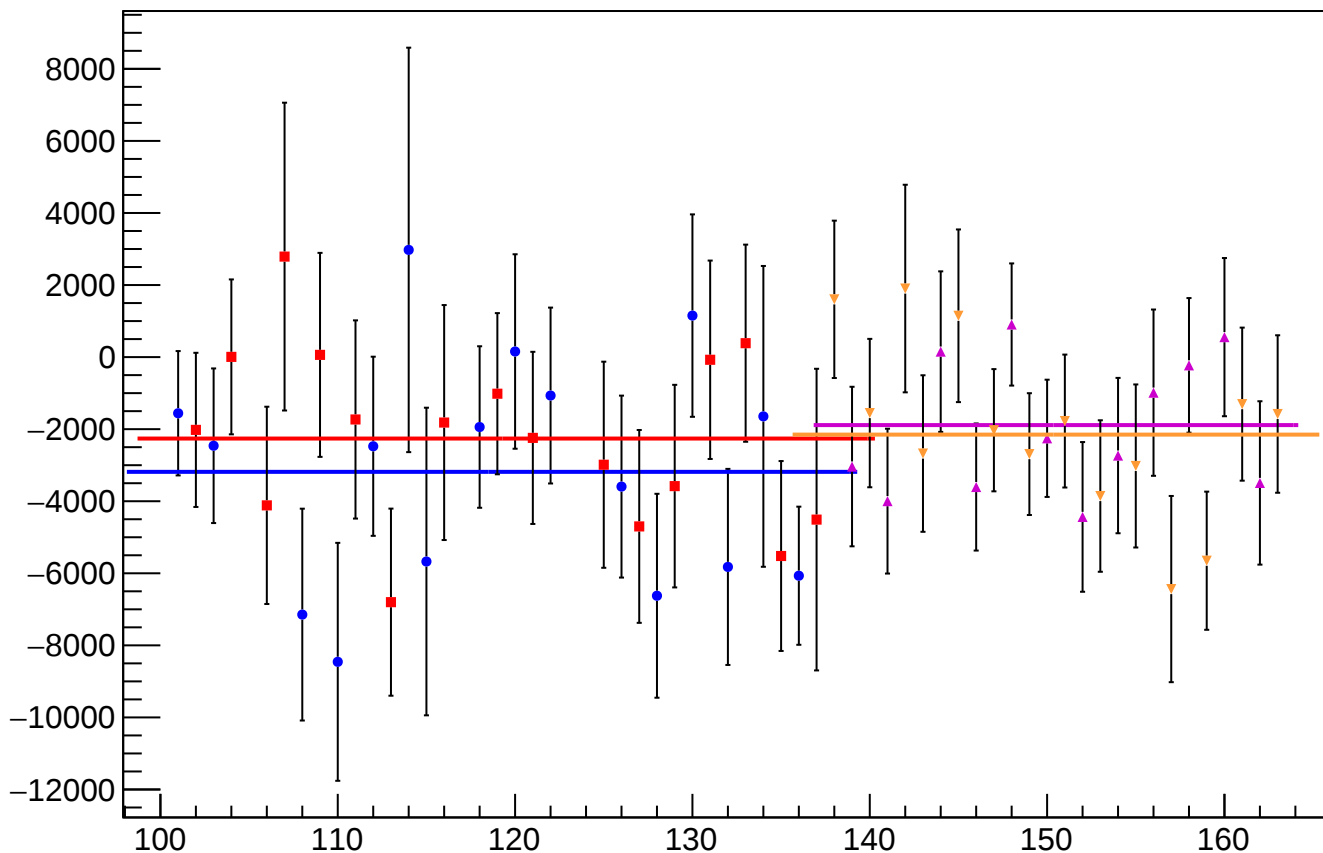
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 789.081 $\pm$ 0.137 χ^2 /NDF: 22196.0/27

Out: 798.129 $\pm$ 0.136 χ^2 /NDF: 663089.7/30

All: 793.659 $\pm$ 0.096 χ^2 /NDF: 687483.9/58

asym_us_dd_correction_mean vs Slug, Sign Corrected

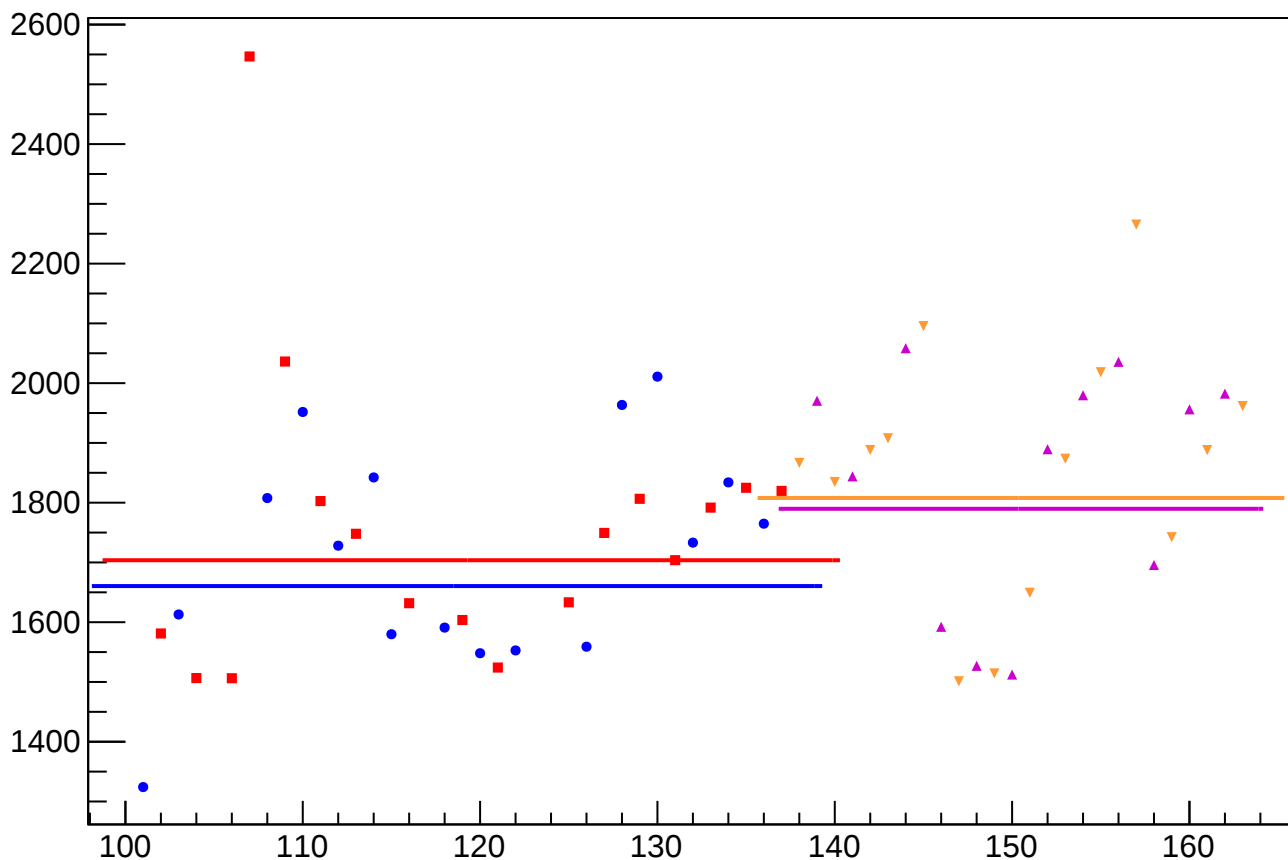


Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2150.841 $\pm$ 557.426 χ^2/NDF :14.2/13
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1886.857 $\pm$ 575.071 χ^2/NDF :10.3/11

Left: -2022.961 $\pm$ 400.253 χ^2/NDF : 24.6/25
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2459.218 $\pm$ 429.933 χ^2/NDF :29.3/27
 Out: -2197.042 $\pm$ 423.677 χ^2/NDF :25.8/30

All: -2326.209 $\pm$ 301.772 χ^2/NDF : 55.3/58

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1807.893 $\pm$ 0.394 χ^2/NDF : 273963.6/13

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

Left In: 1789.755 $\pm$ 0.407 χ^2/NDF : 248997.9/11

Left: 1799.107 $\pm$ 0.283 χ^2/NDF : 523987.3/25

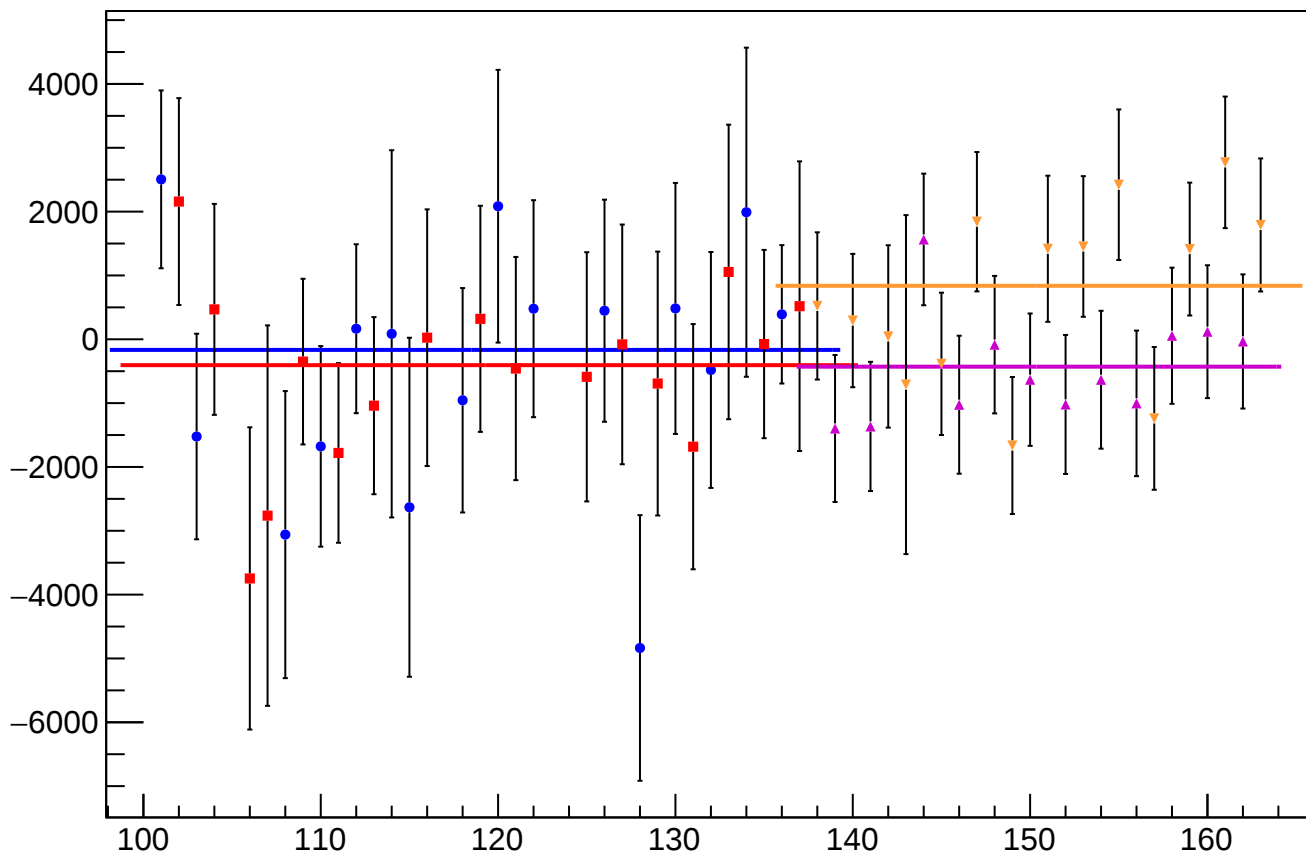
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1732.727 $\pm$ 0.304 χ^2/NDF : 472794.8/27

Out: 1763.883 $\pm$ 0.300 χ^2/NDF : 474510.6/30

All: 1748.533 $\pm$ 0.213 χ^2/NDF : 952633.6/58

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 837.743 ± 305.653 χ^2/NDF : 19.0/13

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

Left In: -428.958 ± 308.635 χ^2/NDF : 7.0/11

Left: 210.542 ± 217.176 χ^2/NDF : 34.4/25

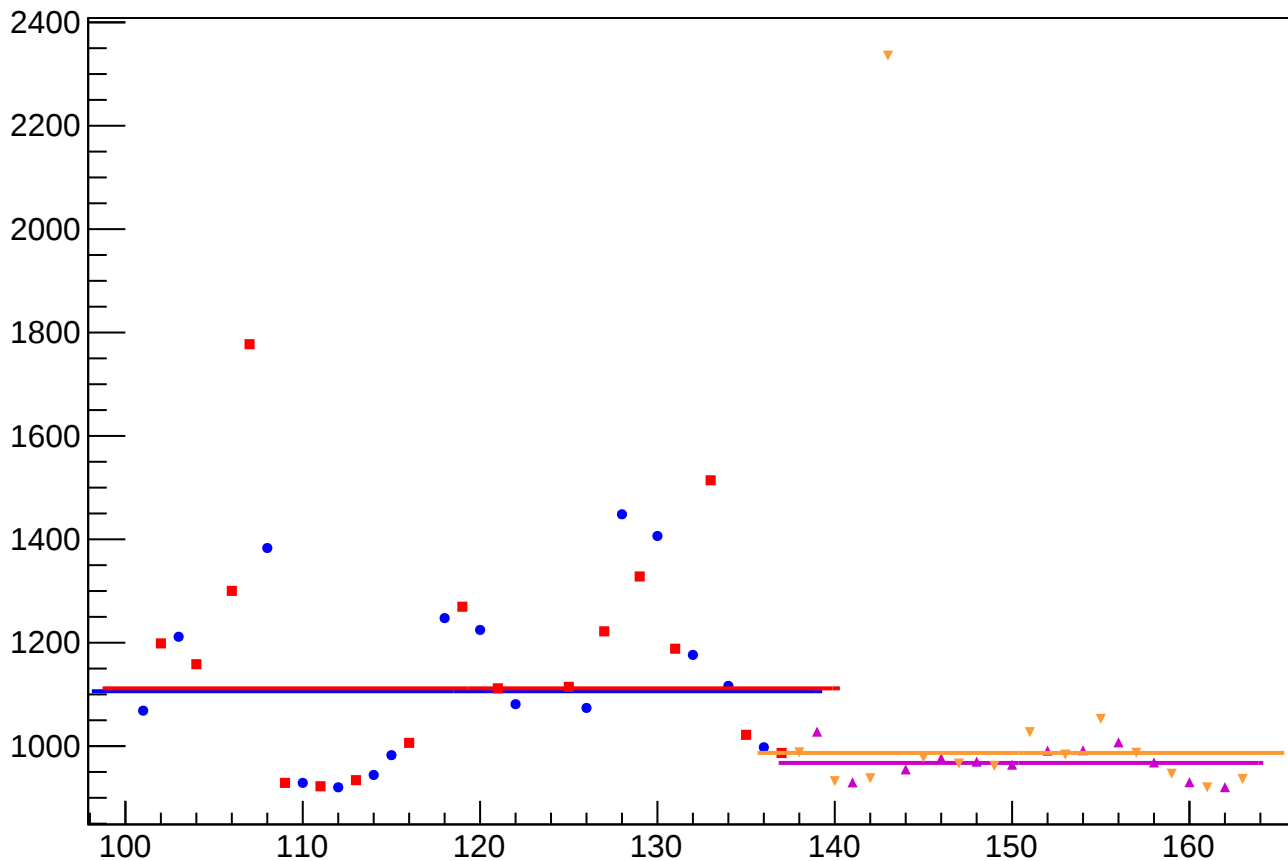
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -340.402 ± 251.263 χ^2/NDF : 22.8/27

Out: 418.714 ± 248.858 χ^2/NDF : 32.4/30

All: 42.805 ± 176.813 χ^2/NDF : 59.9/58

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 986.883 ± 0.216 χ^2/NDF : 550550.7/13

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

Left In: 967.480 ± 0.218 χ^2/NDF : 19723.2/11

Left: 977.276 ± 0.154 χ^2/NDF : 574264.3/25

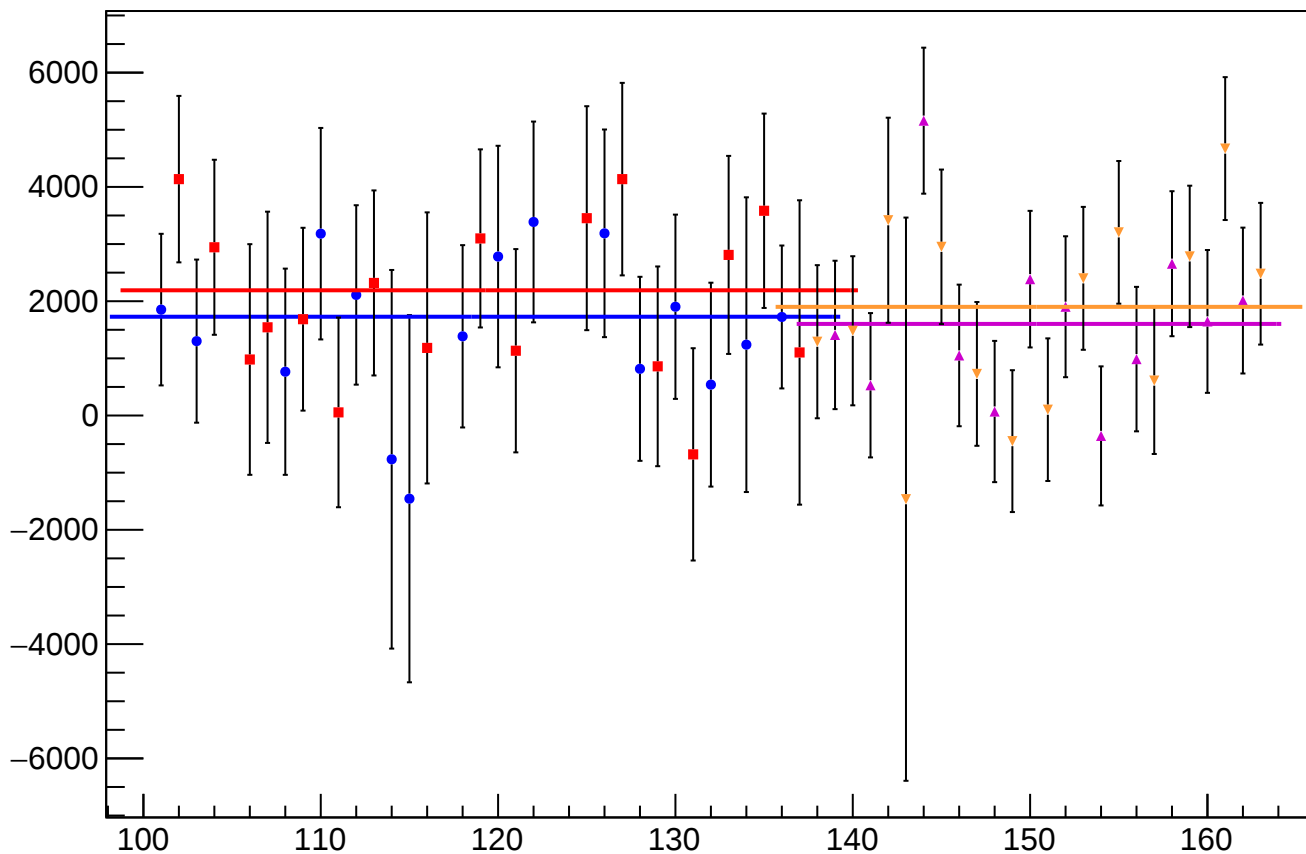
Right: 1108.969 ± 0.215 χ^2/NDF : 616473.4/32

In: 1014.247 ± 0.178 χ^2/NDF : 415810.4/27

Out: 1028.968 ± 0.176 χ^2/NDF : 1019416.4/30

All: 1021.678 ± 0.125 χ^2/NDF : 1438692.5/58

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1901.193+/-358.098 χ^2/NDF : 16.5/13

Right Out: 2190.971+/-427.222 χ^2/NDF : 10.8/16

Left In: 1602.684+/-360.976 χ^2/NDF : 14.3/11

Left: 1753.134+/-254.225 χ^2/NDF : 31.2/25

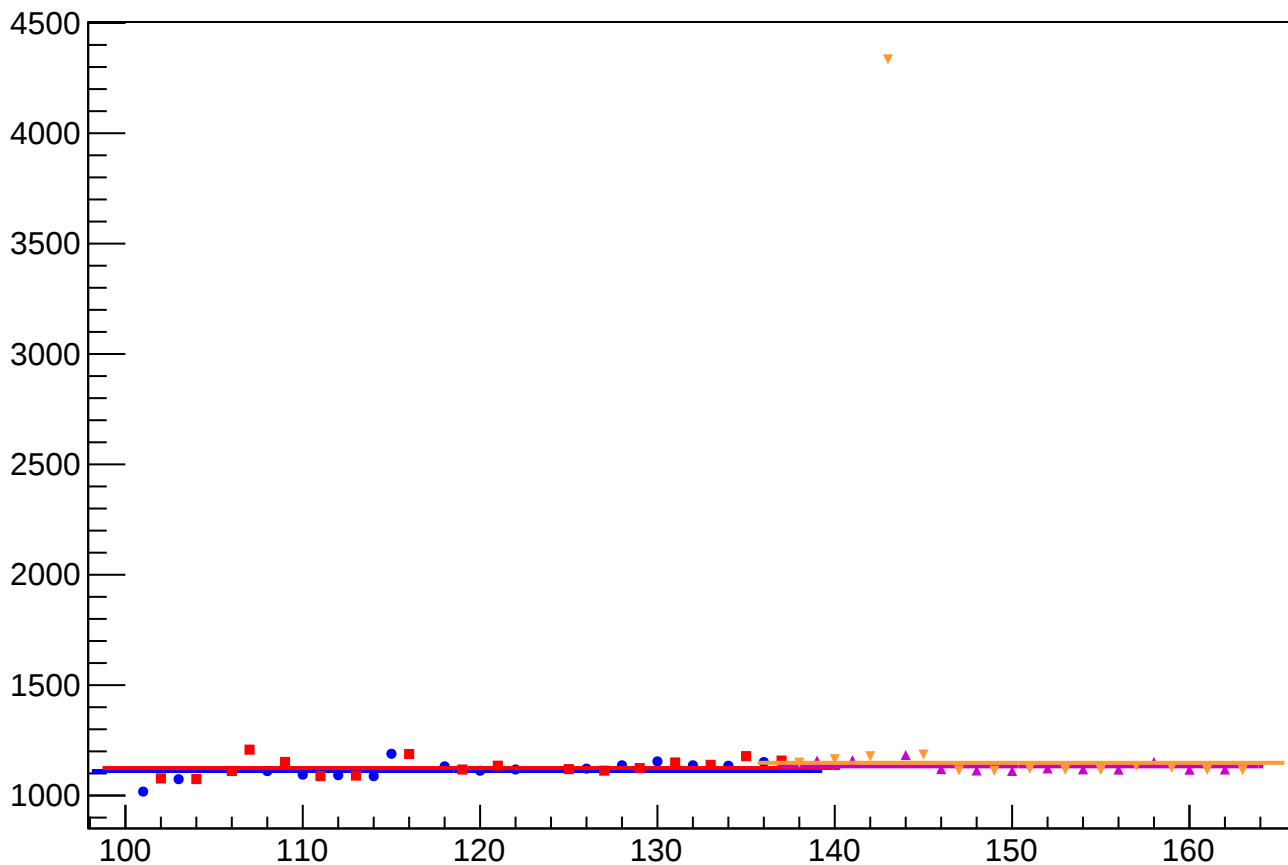
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

In: 1654.709+/-276.420 χ^2/NDF : 19.7/27

Out: 2020.772+/-274.440 χ^2/NDF : 27.6/30

All: 1839.056+/-194.755 χ^2/NDF : 48.2/58

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1148.259 $\pm$ 0.253 χ^2 /NDF: 849063.8/13

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

Left In: 1132.099 $\pm$ 0.255 χ^2 /NDF: 8003.1/11

Left: 1140.244 $\pm$ 0.180 χ^2 /NDF: 859087.2/25

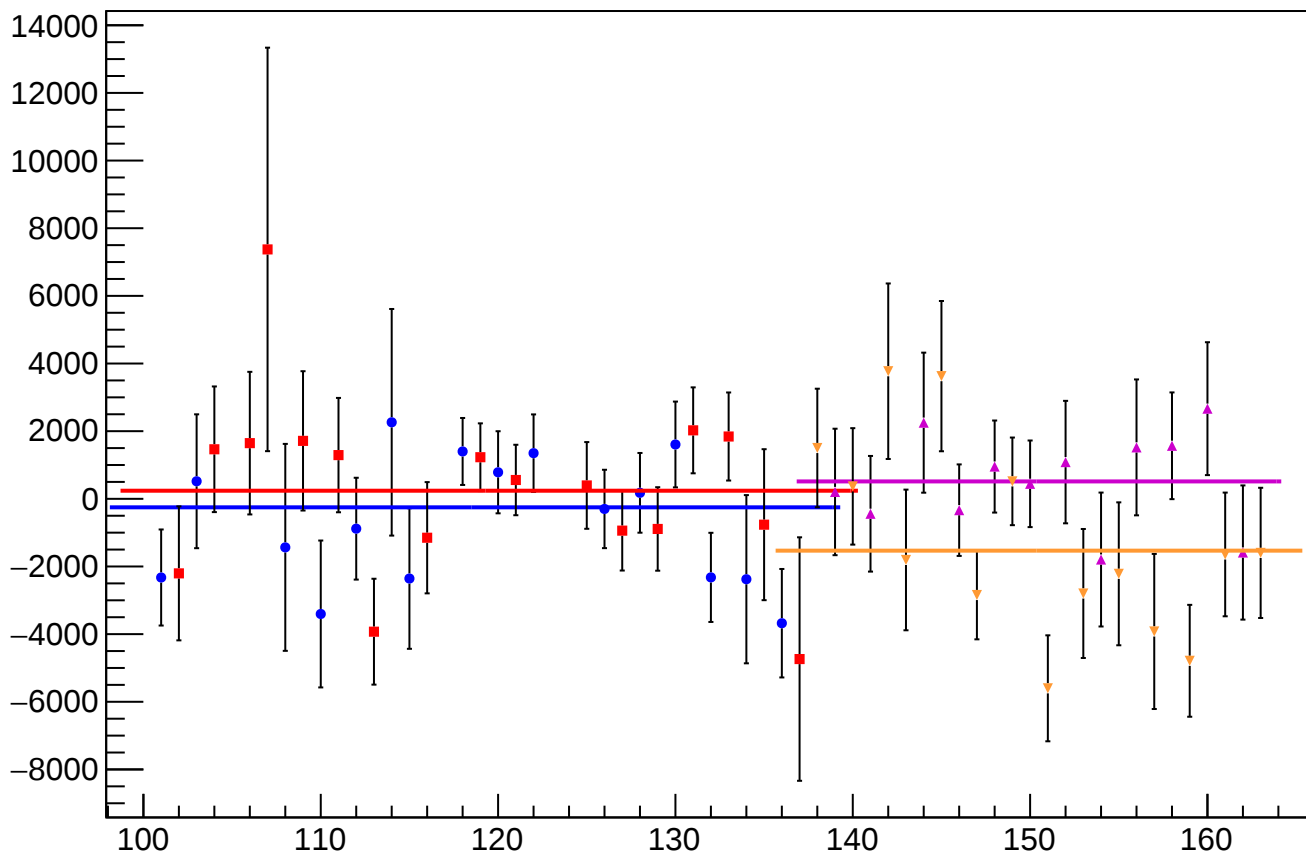
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1123.389 $\pm$ 0.195 χ^2 /NDF: 28908.8/27

Out: 1138.461 $\pm$ 0.194 χ^2 /NDF: 867293.3/30

All: 1130.979 $\pm$ 0.138 χ^2 /NDF: 899196.4/58

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1531.936 ± 473.758 χ^2/NDF : 29.6/13

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

Left In: 514.588 ± 483.257 χ^2/NDF : 6.0/11

Left: -528.986 ± 338.306 χ^2/NDF : 44.7/25

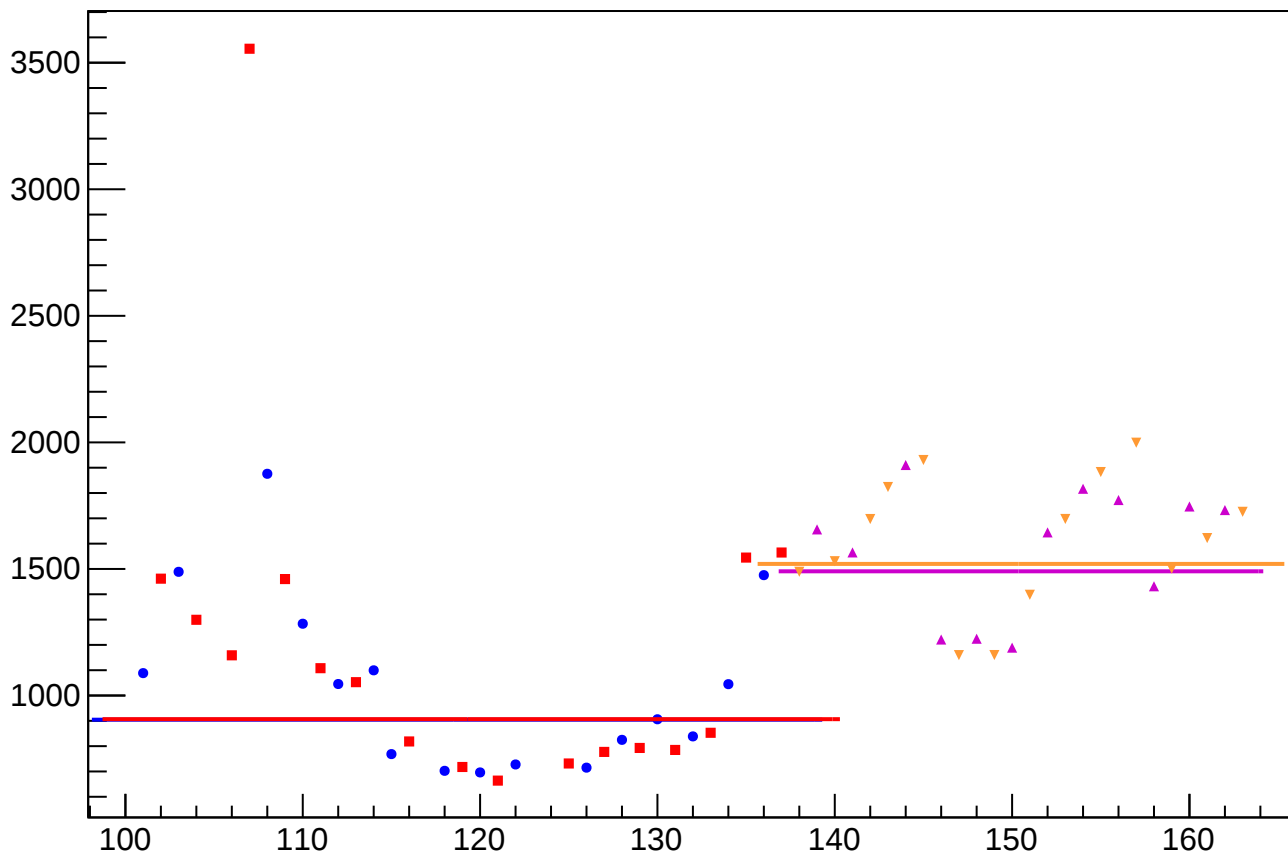
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: 26.841 ± 291.234 χ^2/NDF : 29.4/27

Out: -417.464 ± 288.562 χ^2/NDF : 59.4/30

All: -197.358 ± 204.982 χ^2/NDF : 90.1/58

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1519.915+/-0.335 χ^2/NDF : 631800.9/13

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

Left In: 1490.685+/-0.342 χ^2/NDF : 543338.4/11

Left: 1505.590+/-0.239 χ^2/NDF : 1178870.3/25

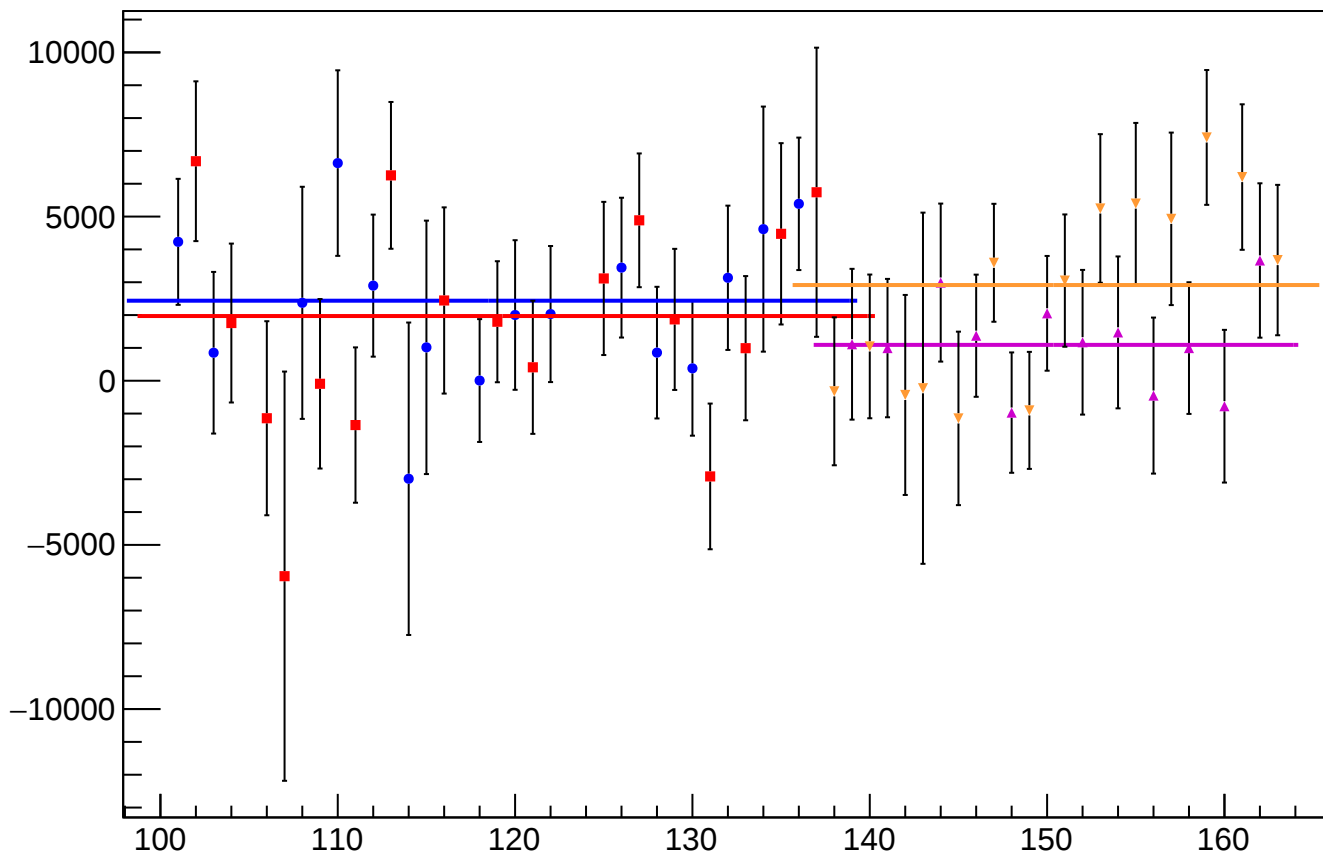
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1117.385+/-0.206 χ^2/NDF : 3438453.4/27

Out: 1134.132+/-0.204 χ^2/NDF : 4116247.9/30

All: 1125.836+/-0.145 χ^2/NDF : 7558038.5/58

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2914.799 $\pm$ 608.550 χ^2 /NDF:21.2/13

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

Left In: 1092.065 $\pm$ 610.159 χ^2 /NDF:4.5/11

Left: 2005.839 $\pm$ 430.878 χ^2 /NDF: 30.2/25

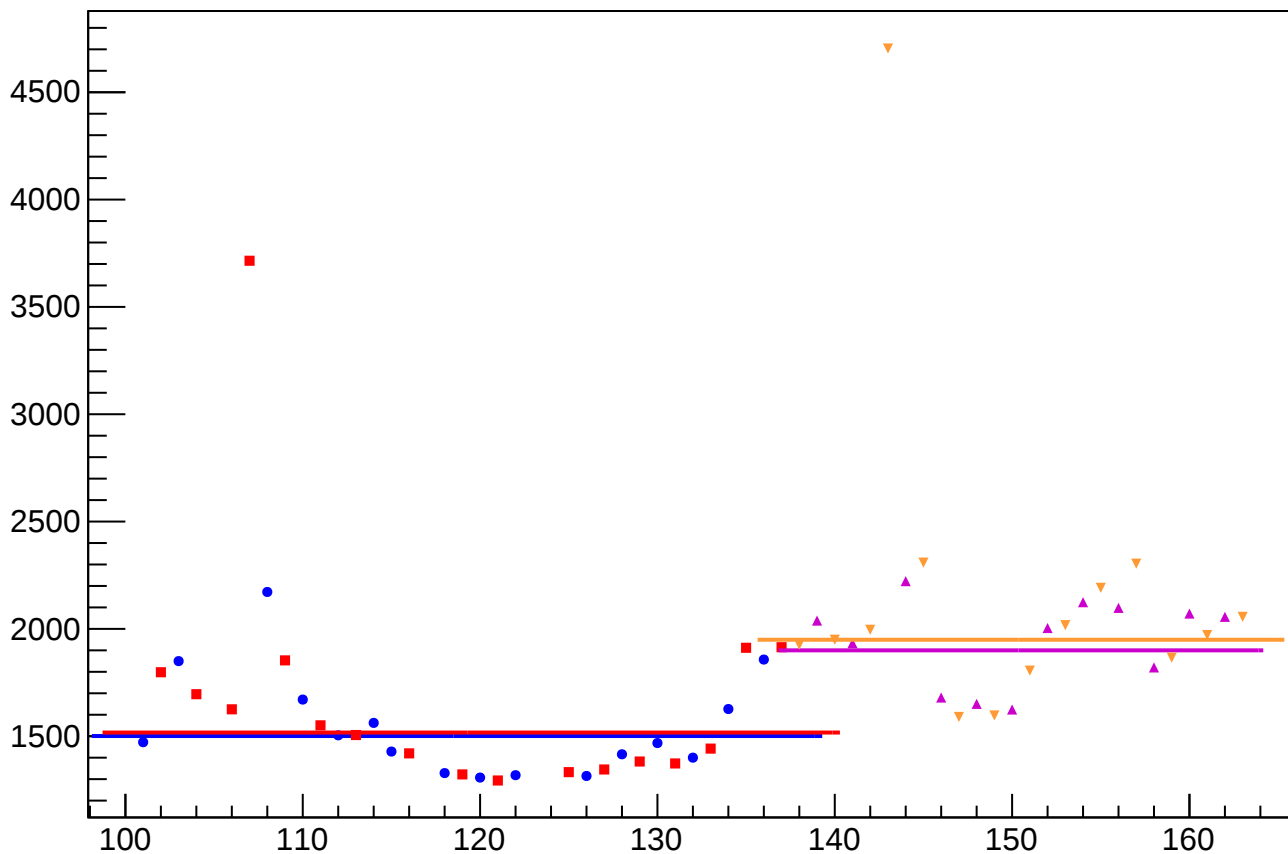
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1791.686 $\pm$ 422.734 χ^2 /NDF:18.2/27

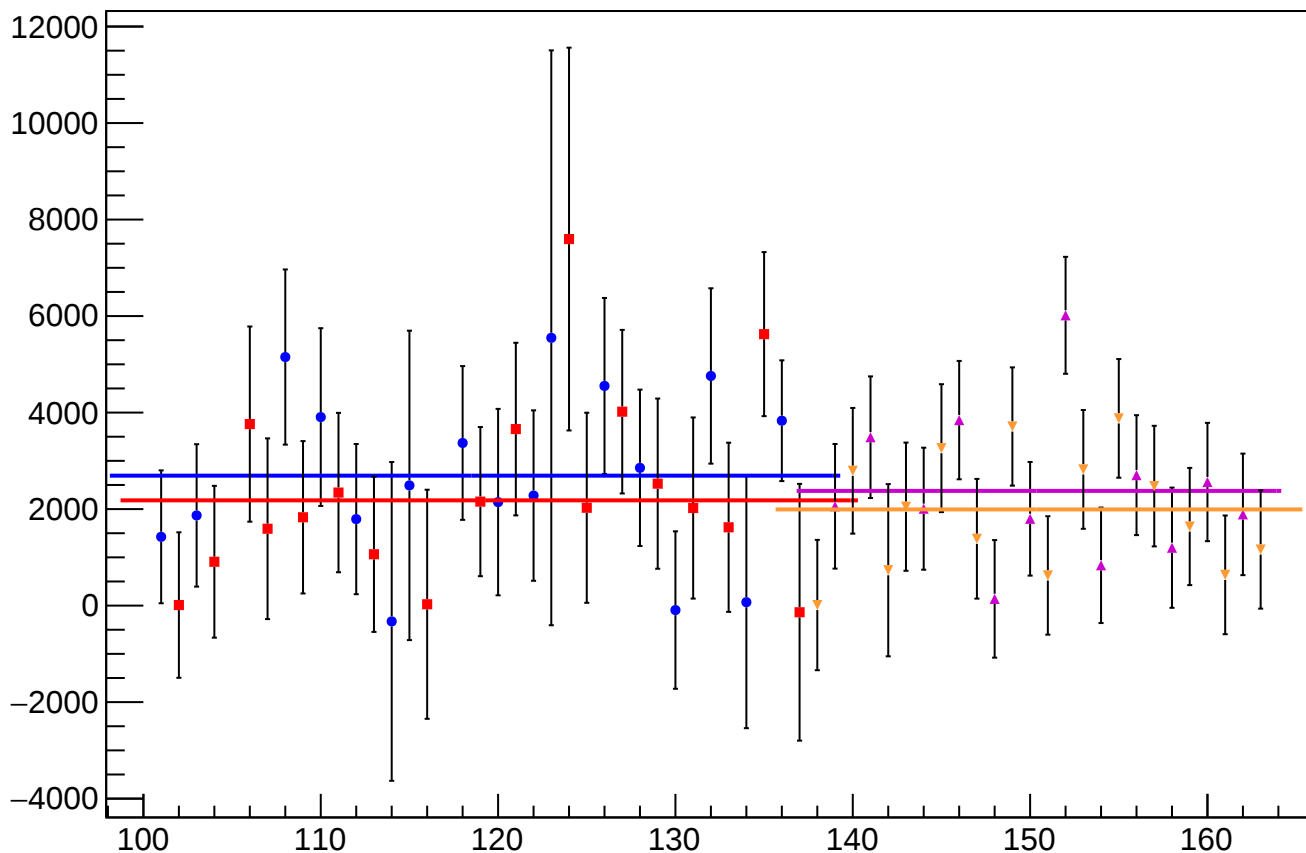
Out: 2425.334 $\pm$ 422.359 χ^2 /NDF:44.8/30

All: 2108.791 $\pm$ 298.786 χ^2 /NDF: 64.1/58

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1993.323 $\pm$ 342.293 χ^2 /NDF:12.1/13

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

Left In: 2376.974 $\pm$ 356.189 χ^2 /NDF:17.8/11

Left: 2177.519 $\pm$ 246.804 χ^2 /NDF: 30.5/25

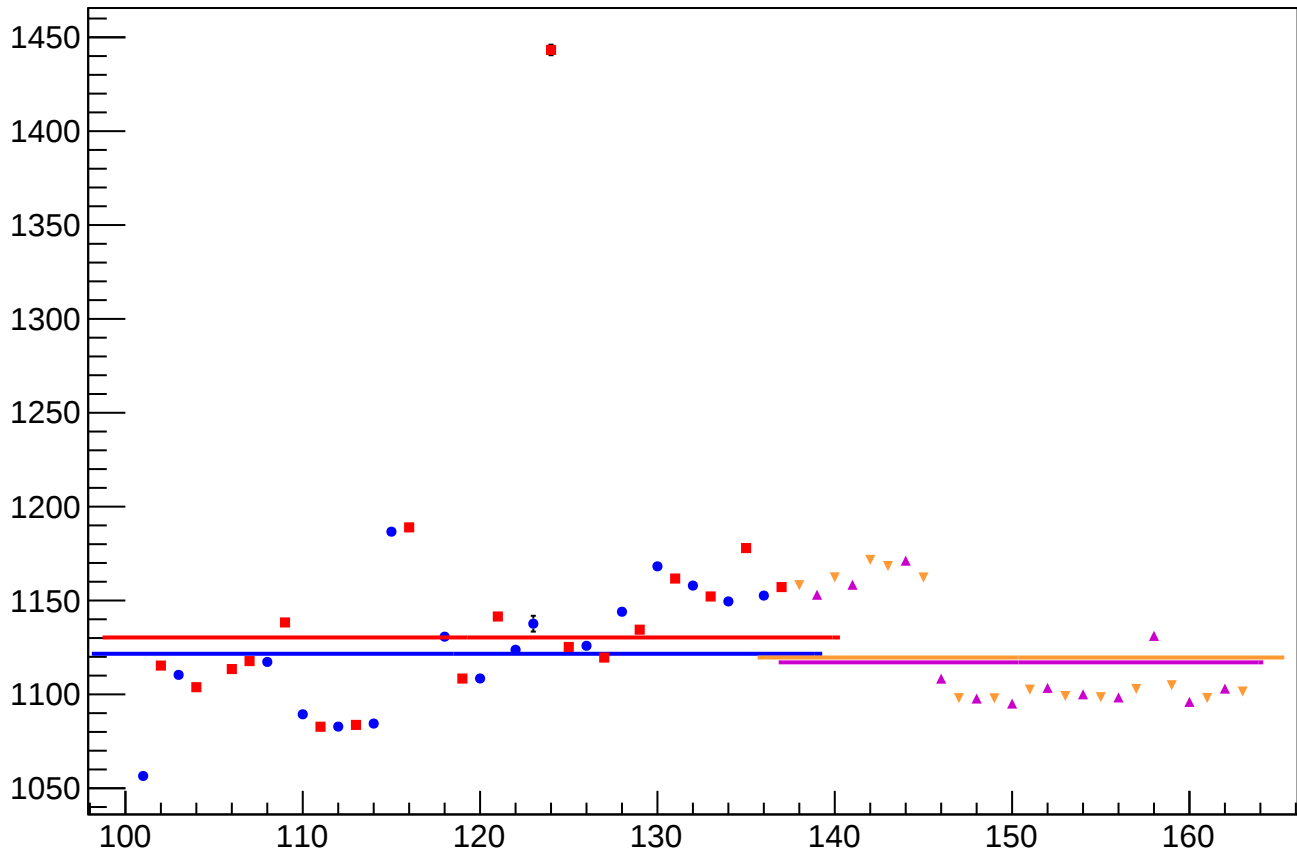
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2504.651 $\pm$ 274.979 χ^2 /NDF:30.3/28

Out: 2067.061 $\pm$ 266.694 χ^2 /NDF:25.8/31

All: 2279.165 $\pm$ 191.443 χ^2 /NDF: 57.4/60

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.641 $\pm$ 0.242 χ^2 /NDF:14714.7/13

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

Left In: 1117.061 $\pm$ 0.252 χ^2 /NDF:10875.6/11

Left: 1118.402 $\pm$ 0.175 χ^2 /NDF: 25644.8/25

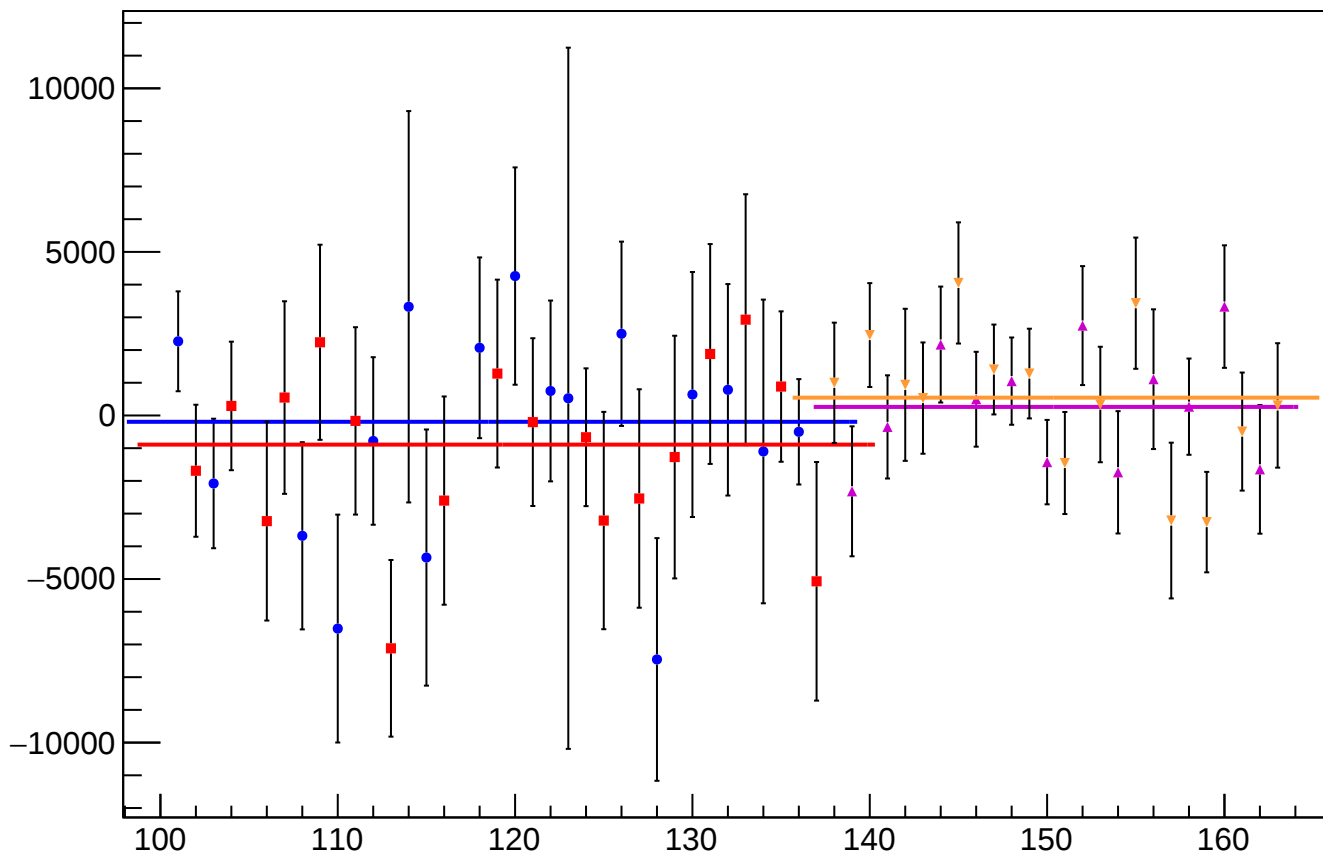
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1118.905 $\pm$ 0.194 χ^2 /NDF:22988.6/28

Out: 1123.835 $\pm$ 0.189 χ^2 /NDF:36755.3/31

All: 1121.446 $\pm$ 0.135 χ^2 /NDF: 60075.1/60

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 544.807+/-459.265 χ^2/NDF : 18.5/13

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

Left In: 261.179+/-475.341 χ^2/NDF : 11.9/11

Left: 407.870+/-330.287 χ^2/NDF : 30.6/25

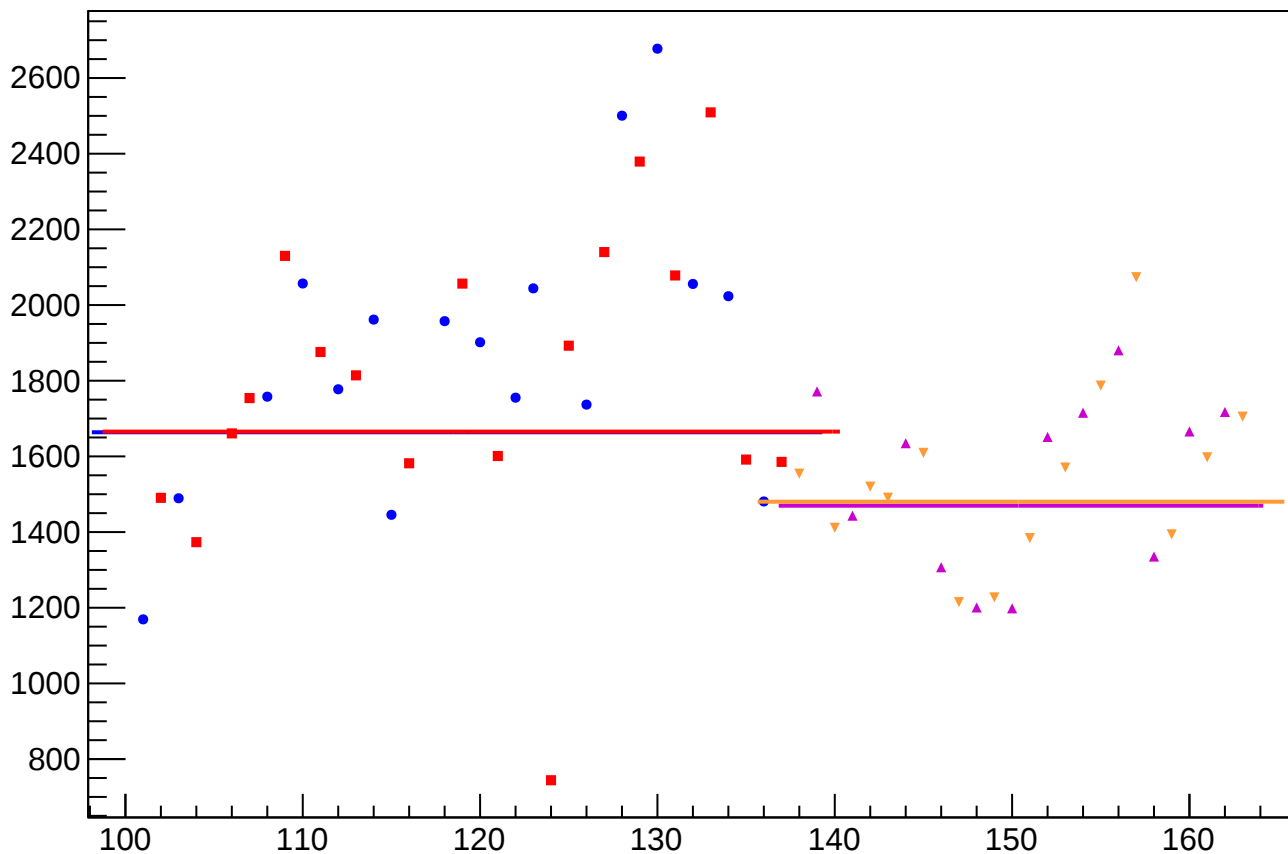
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 106.054+/-385.788 χ^2/NDF : 29.5/28

Out: 66.092+/-374.970 χ^2/NDF : 34.9/31

All: 85.505+/-268.887 χ^2/NDF : 64.4/60

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1480.277+/-0.325 χ^2/NDF : 386665.5/13

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

Left In: 1469.731+/-0.336 χ^2/NDF : 457876.0/11

Left: 1475.185+/-0.234 χ^2/NDF : 845050.6/25

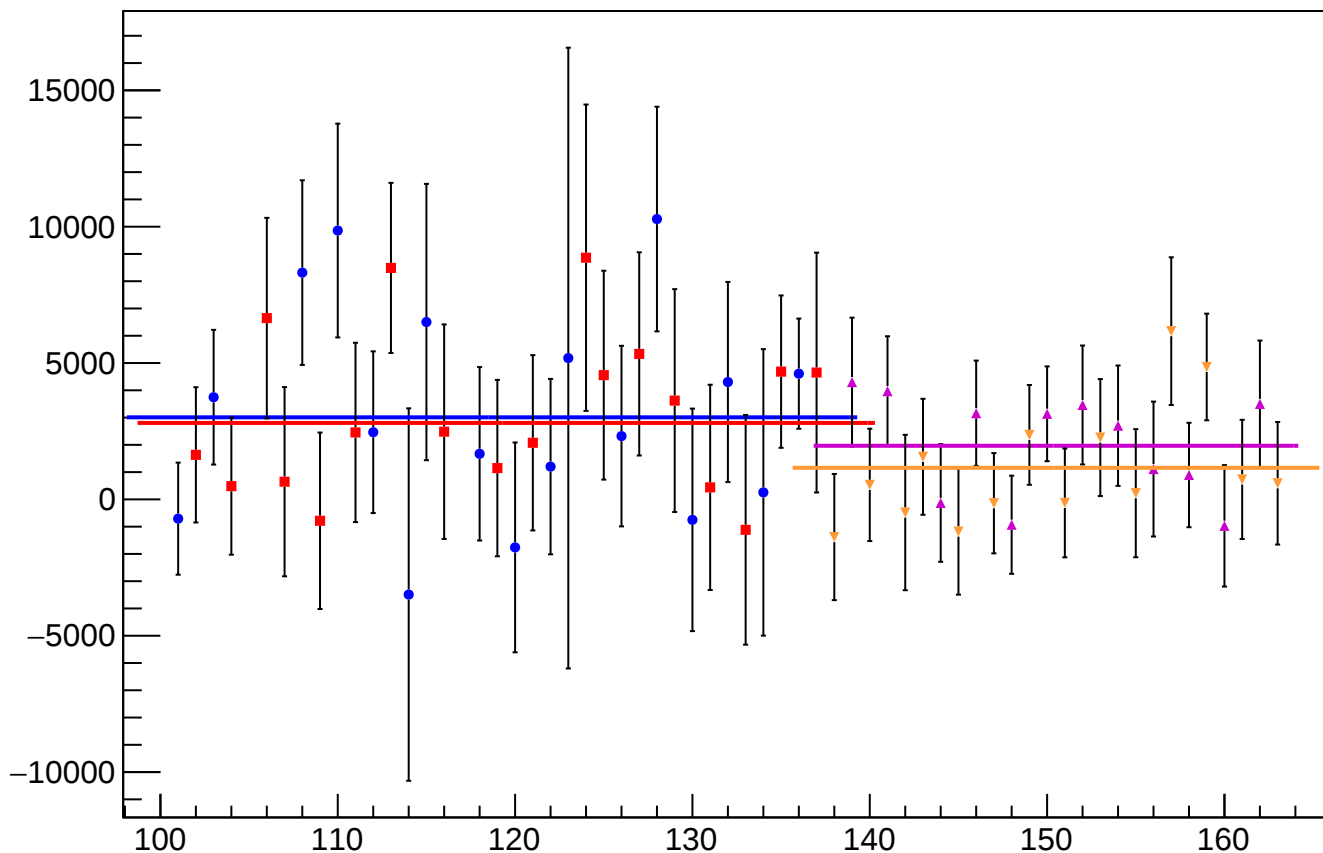
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1535.960+/-0.273 χ^2/NDF : 1194110.1/28

Out: 1542.019+/-0.265 χ^2/NDF : 1297874.0/31

All: 1539.075+/-0.190 χ^2/NDF : 2492237.7/60

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1158.638+/-577.108 χ^2/NDF : 11.6/13

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

Left In: 1966.105+/-598.957 χ^2/NDF : 9.5/11

Left: 1547.375+/-415.586 χ^2/NDF : 22.0/25

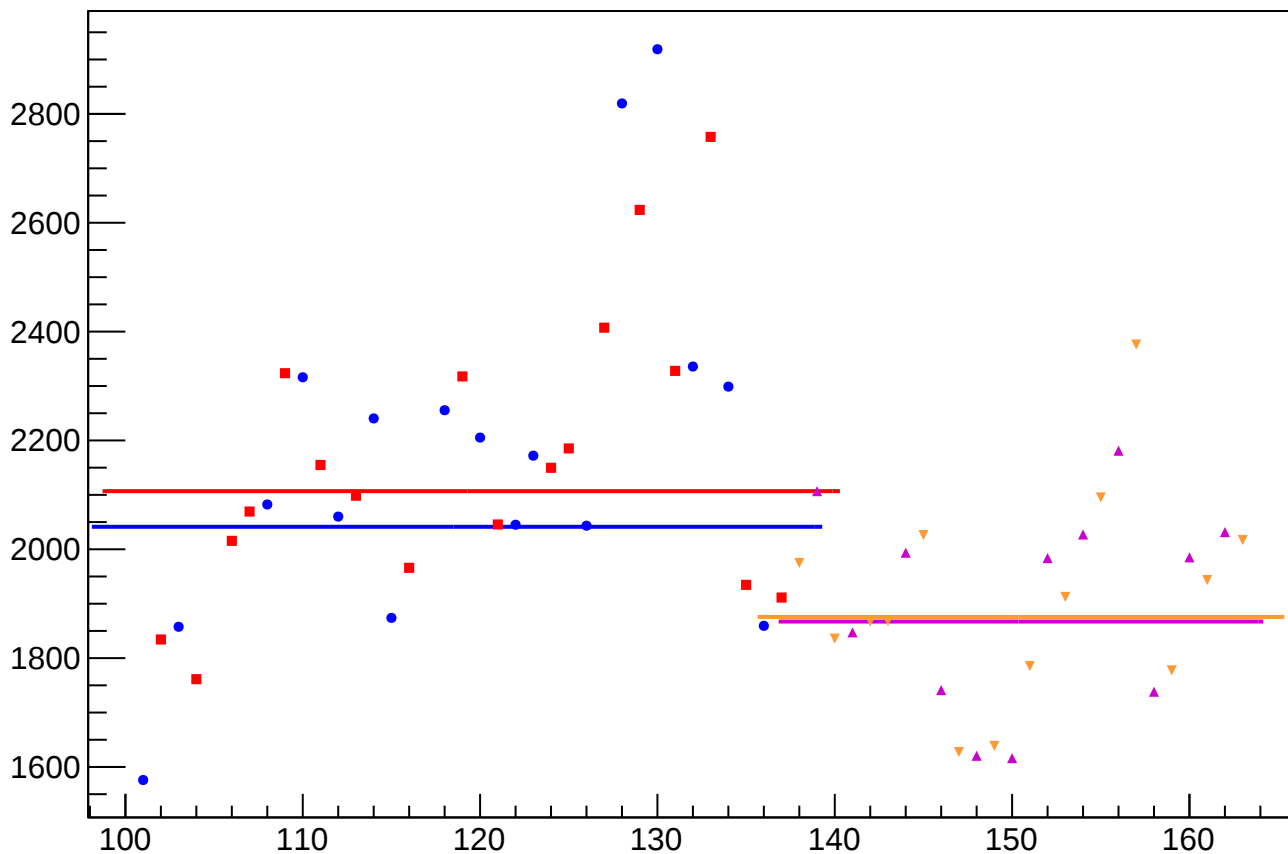
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2340.991+/-479.389 χ^2/NDF : 28.0/28

Out: 1722.177+/-467.953 χ^2/NDF : 25.5/31

All: 2024.115+/-334.863 χ^2/NDF : 54.4/60

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1875.689+/-0.408 χ^2/NDF : 188250.2/13

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

Left In: 1867.195+/-0.424 χ^2/NDF : 188554.5/11

Left: 1871.600+/-0.294 χ^2/NDF : 377013.3/25

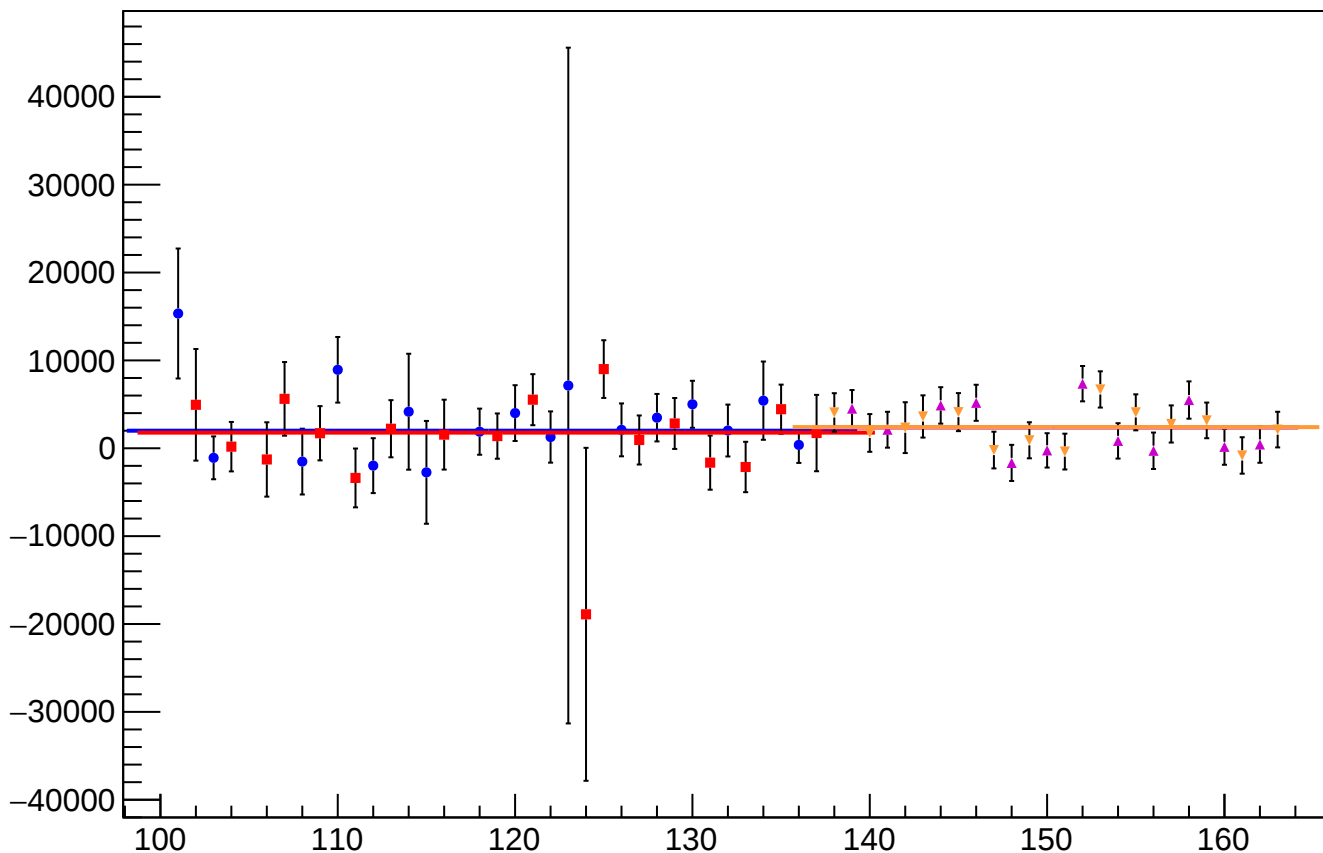
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1929.786+/-0.339 χ^2/NDF : 587760.5/28

Out: 1954.861+/-0.331 χ^2/NDF : 494870.7/31

All: 1942.626+/-0.237 χ^2/NDF : 1085433.3/60

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2408.257+/-572.221 χ^2/NDF :13.1/13

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

Left In: 2362.905+/-592.297 χ^2/NDF :22.6/11

Left: 2386.363+/-411.536 χ^2/NDF : 35.7/25

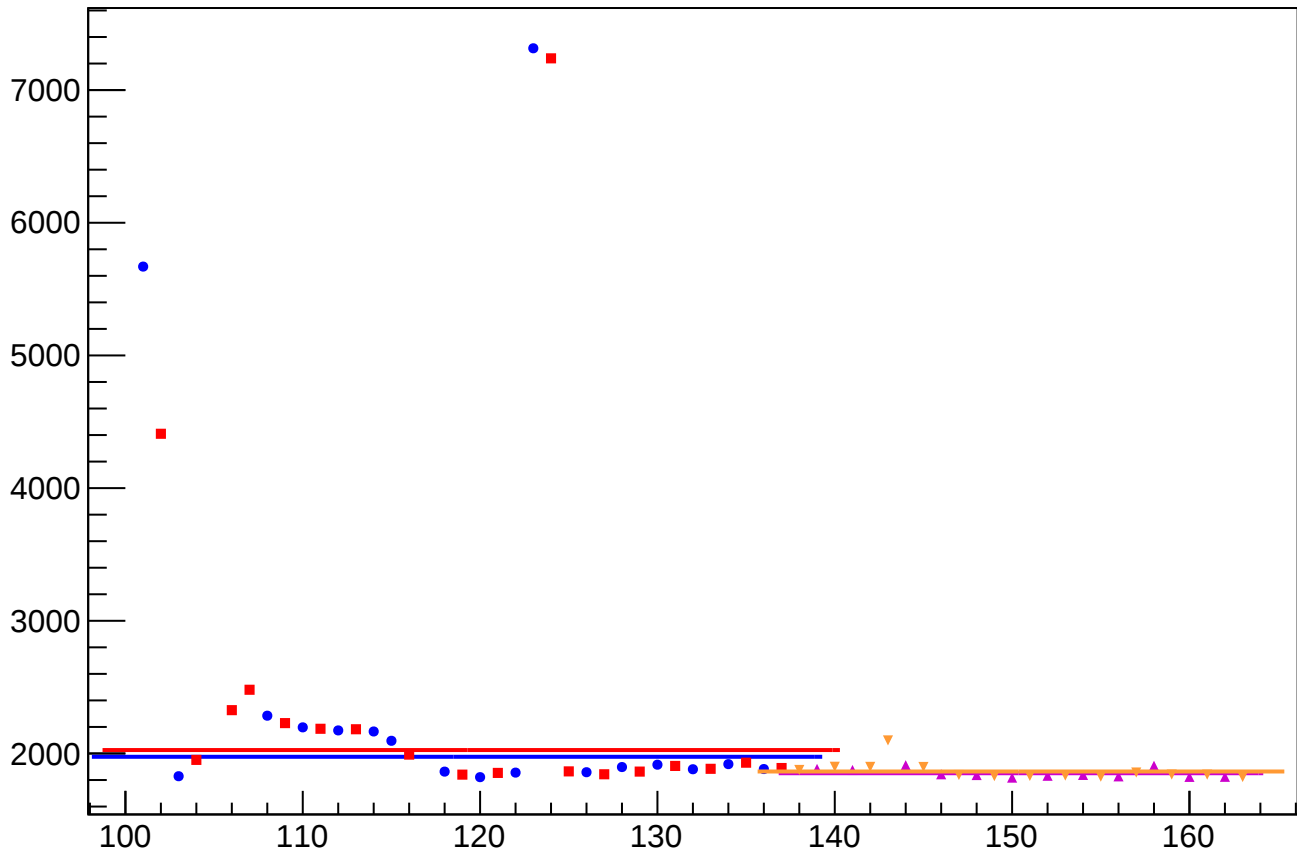
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2230.490+/-472.067 χ^2/NDF :37.5/28

Out: 2189.745+/-461.759 χ^2/NDF :29.8/31

All: 2209.668+/-330.097 χ^2/NDF : 67.3/60

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1864.286+/-0.405 χ^2/NDF : 24414.5/13

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

Left In: 1851.162+/-0.419 χ^2/NDF : 5784.0/11

Left: 1857.950+/-0.291 χ^2/NDF : 30706.4/25

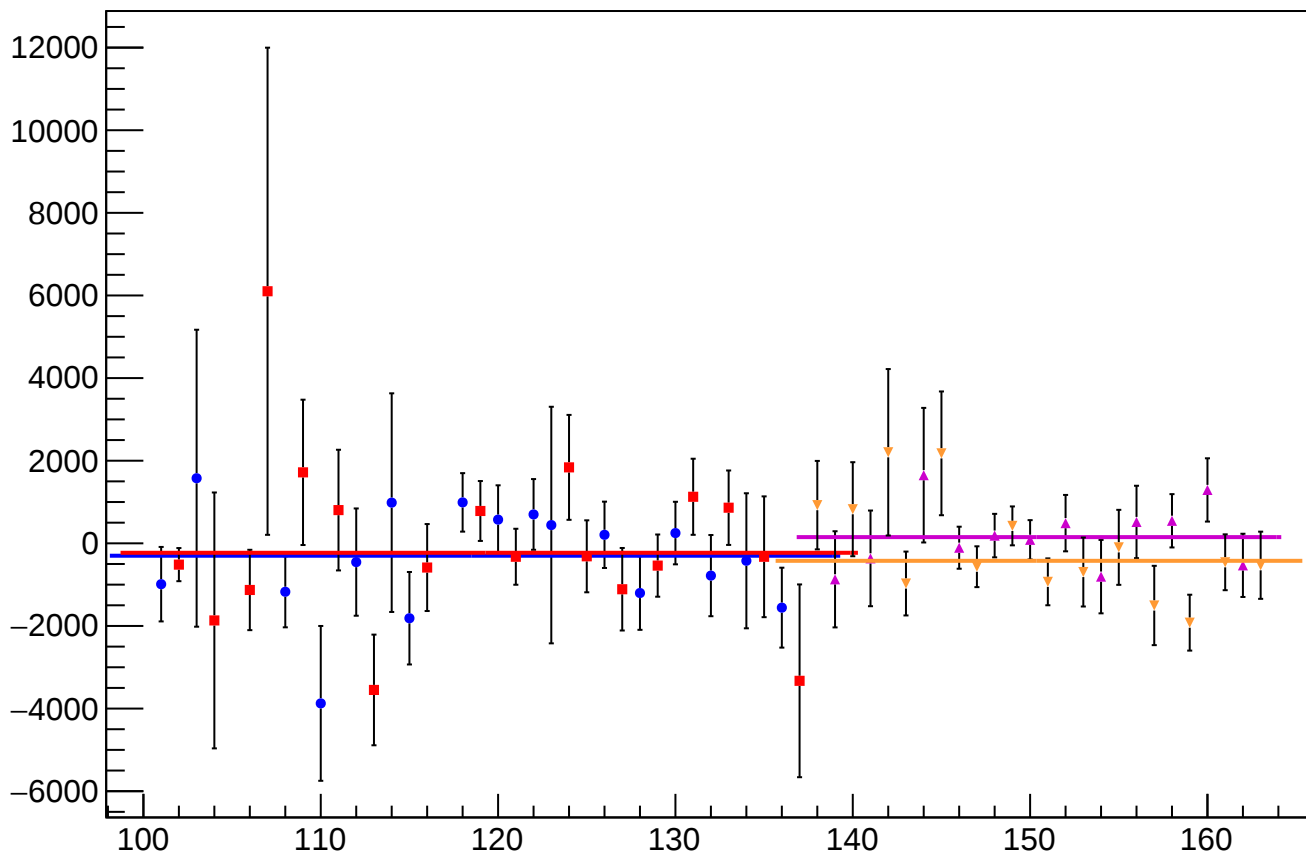
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1896.375+/-0.334 χ^2/NDF : 637564.1/28

Out: 1920.650+/-0.327 χ^2/NDF : 615428.7/31

All: 1908.780+/-0.233 χ^2/NDF : 1255695.6/60

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -423.292 $\pm$ 198.639 χ^2/NDF : 18.5/13

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

Left In: 150.531 $\pm$ 202.992 χ^2/NDF : 7.1/11

Left: -142.599 $\pm$ 141.973 χ^2/NDF : 29.7/25

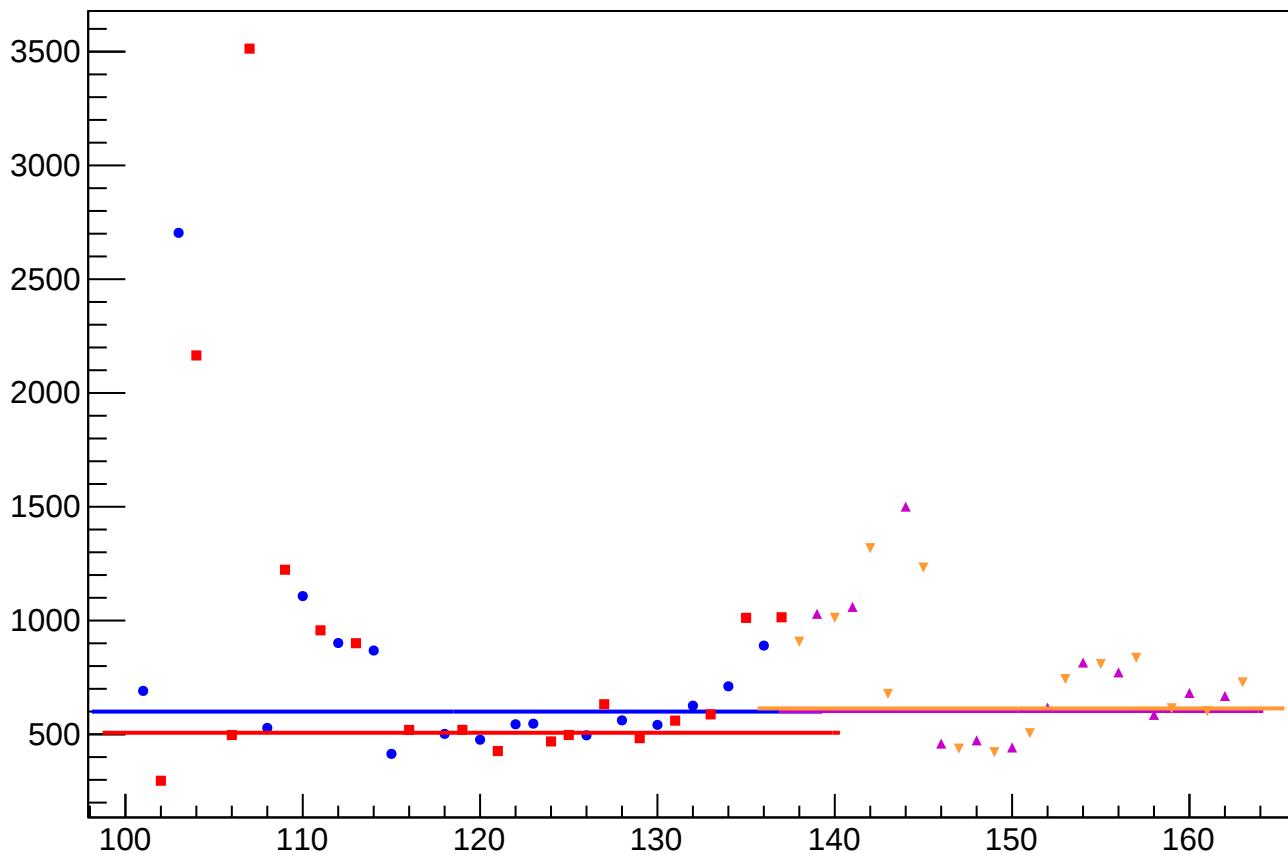
Right: -259.640 $\pm$ 162.327 χ^2/NDF : 39.2/34

In: -31.426 $\pm$ 156.728 χ^2/NDF : 26.4/28

Out: -334.004 $\pm$ 146.095 χ^2/NDF : 40.8/31

All: -193.326 $\pm$ 106.866 χ^2/NDF : 69.2/60

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 613.829 $\pm$ 0.140 χ^2 /NDF: 1945556.5/13

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

Left In: 602.524 $\pm$ 0.144 χ^2 /NDF: 1923354.9/11

Left: 608.299 $\pm$ 0.100 χ^2 /NDF: 3872080.2/25

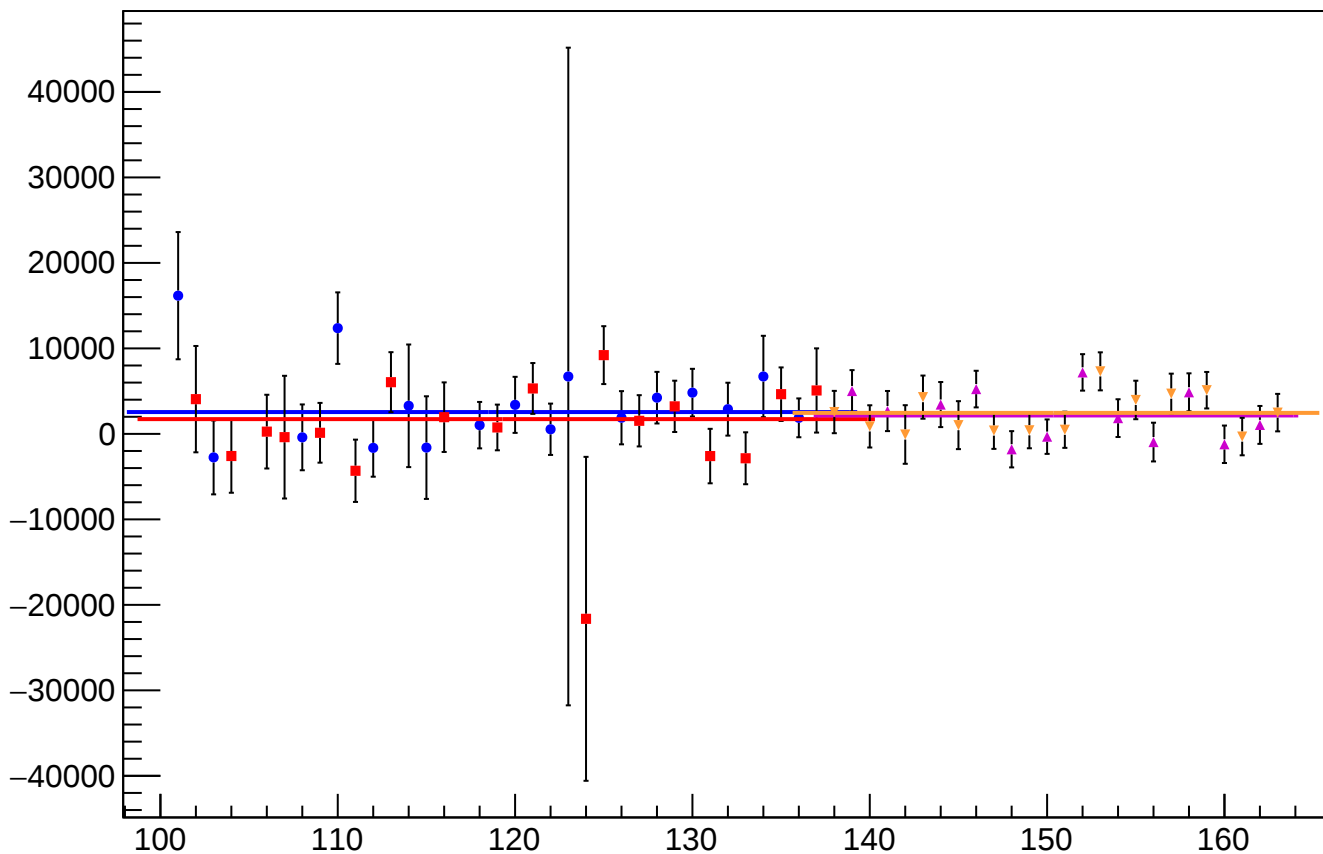
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 601.486 $\pm$ 0.111 χ^2 /NDF: 3304533.9/28

Out: 564.730 $\pm$ 0.103 χ^2 /NDF: 4972596.1/31

All: 581.819 $\pm$ 0.076 χ^2 /NDF: 8335987.1/60

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2456.953 $\pm$ 622.454 χ^2 /NDF:13.8/13

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

Left In: 2154.646 $\pm$ 643.643 χ^2 /NDF:20.3/11

Left: 2310.857 $\pm$ 447.445 χ^2 /NDF: 34.2/25

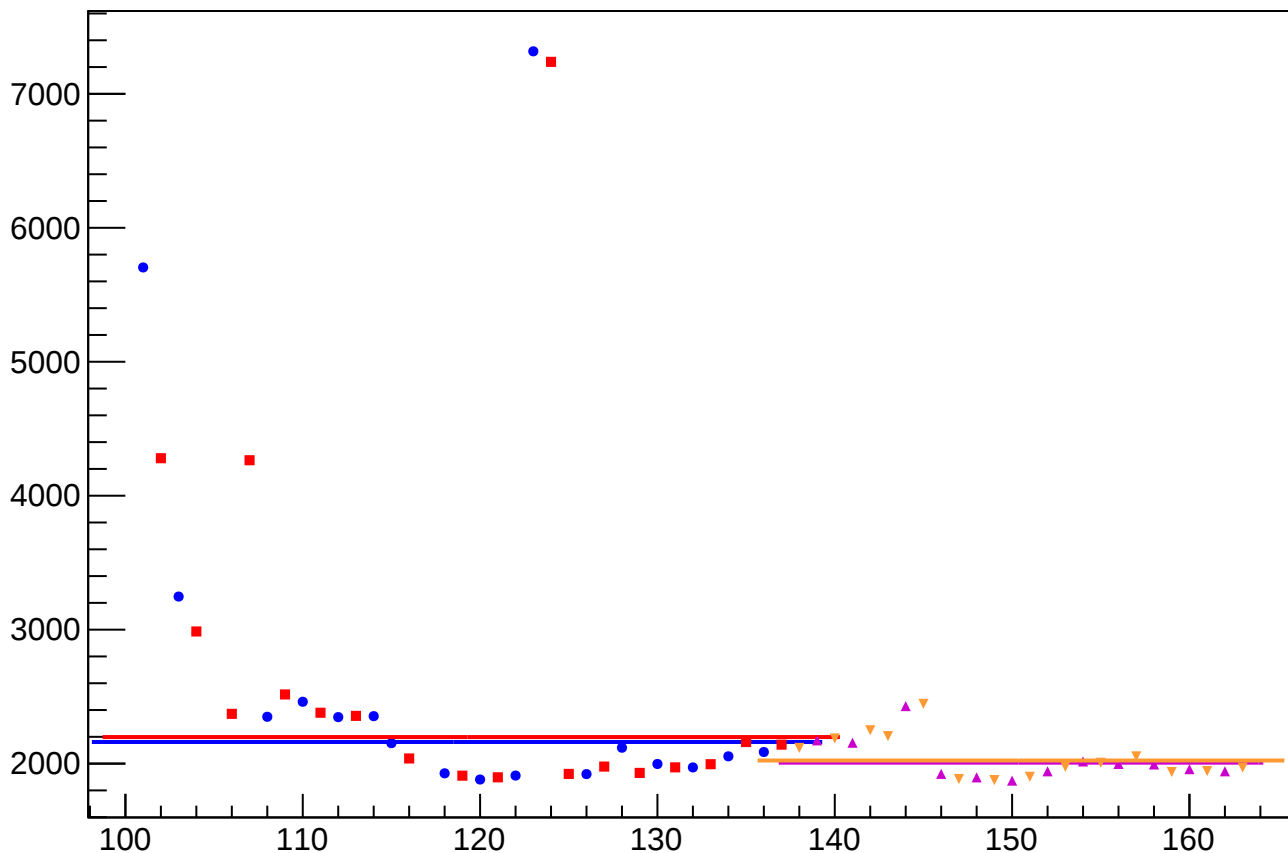
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2298.115 $\pm$ 515.069 χ^2 /NDF:36.2/28

Out: 2204.179 $\pm$ 503.256 χ^2 /NDF:33.8/31

All: 2250.058 $\pm$ 359.959 χ^2 /NDF: 70.0/60

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2023.209 $\pm$ 0.440 χ^2 /NDF: 109196.8/13

Right Out: 2198.187 $\pm$ 0.605 χ^2 /NDF: 733873.5/17

Left In: 2007.092 $\pm$ 0.455 χ^2 /NDF: 90519.2/11

Left: 2015.420 $\pm$ 0.316 χ^2 /NDF: 200363.9/25

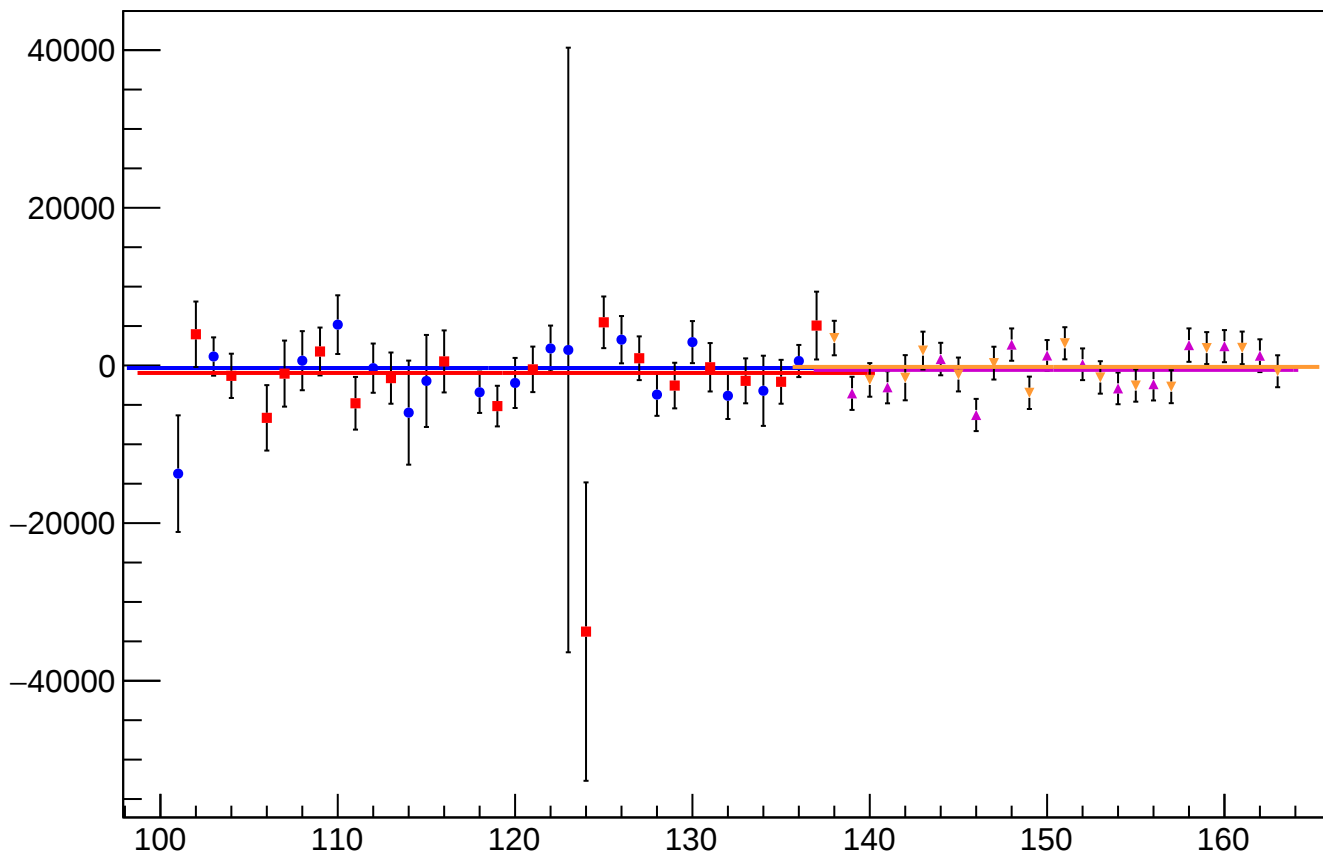
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2062.591 $\pm$ 0.364 χ^2 /NDF: 843120.8/28

Out: 2083.808 $\pm$ 0.356 χ^2 /NDF: 897805.2/31

All: 2073.445 $\pm$ 0.255 χ^2 /NDF: 1742662.3/60

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -185.054+/-570.381 χ^2/NDF : 15.4/13

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

Left In: -561.009+/-590.792 χ^2/NDF : 22.2/11

Left: -366.425+/-410.347 χ^2/NDF : 37.8/25

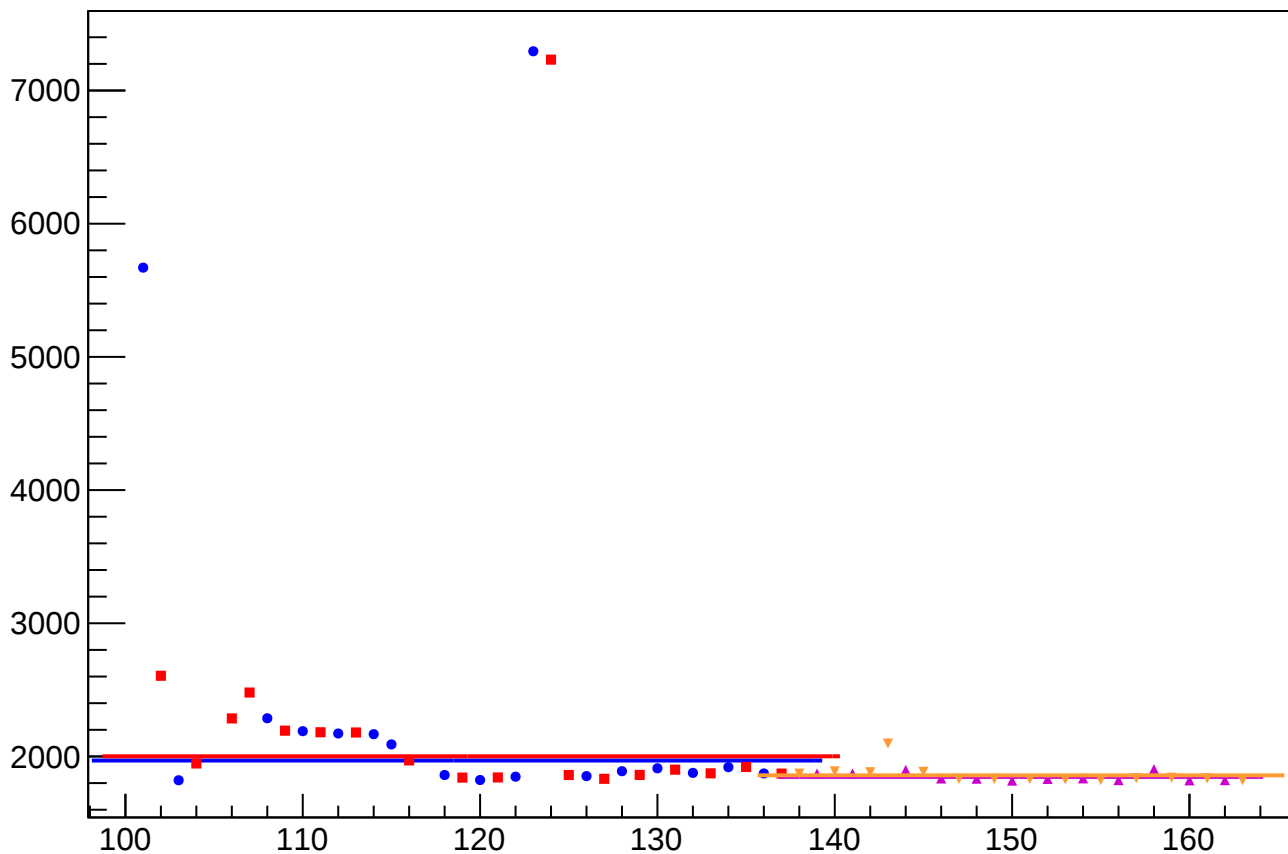
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -474.442+/-470.842 χ^2/NDF : 38.0/28

Out: -456.410+/-458.391 χ^2/NDF : 34.2/31

All: -465.184+/-328.445 χ^2/NDF : 72.2/60

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1858.369+/-0.403 χ^2/NDF : 23998.8/13

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

Left In: 1846.528+/-0.418 χ^2/NDF : 5038.3/11

Left: 1852.656+/-0.290 χ^2/NDF : 29453.0/25

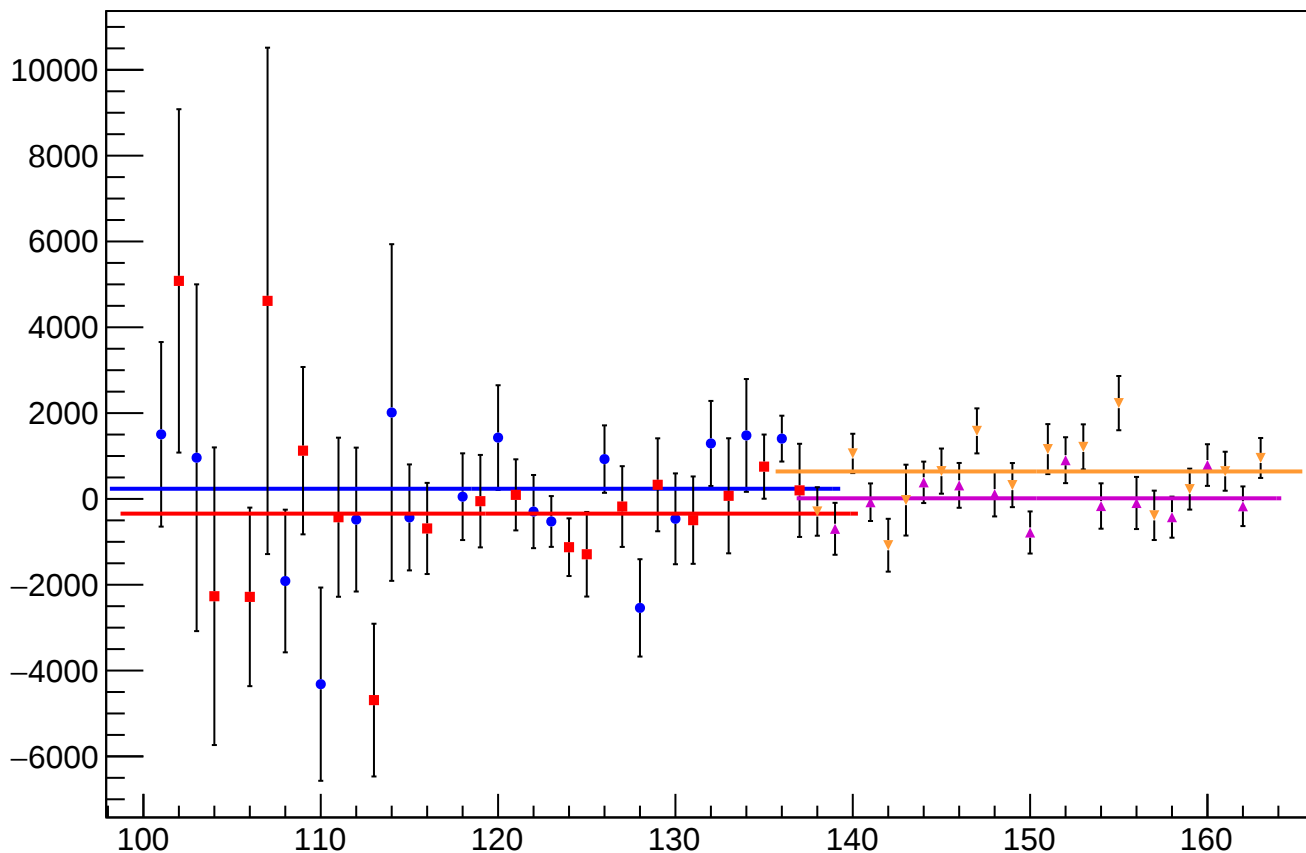
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1891.391+/-0.333 χ^2/NDF : 639460.2/28

Out: 1908.943+/-0.324 χ^2/NDF : 359022.7/31

All: 1900.402+/-0.232 χ^2/NDF : 999909.7/60

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 640.180 $\pm$ 142.891 χ^2/NDF :28.3/13

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

Left In: 14.368 $\pm$ 146.112 χ^2/NDF :11.5/11

Left: 334.247 $\pm$ 102.159 χ^2/NDF : 49.2/25

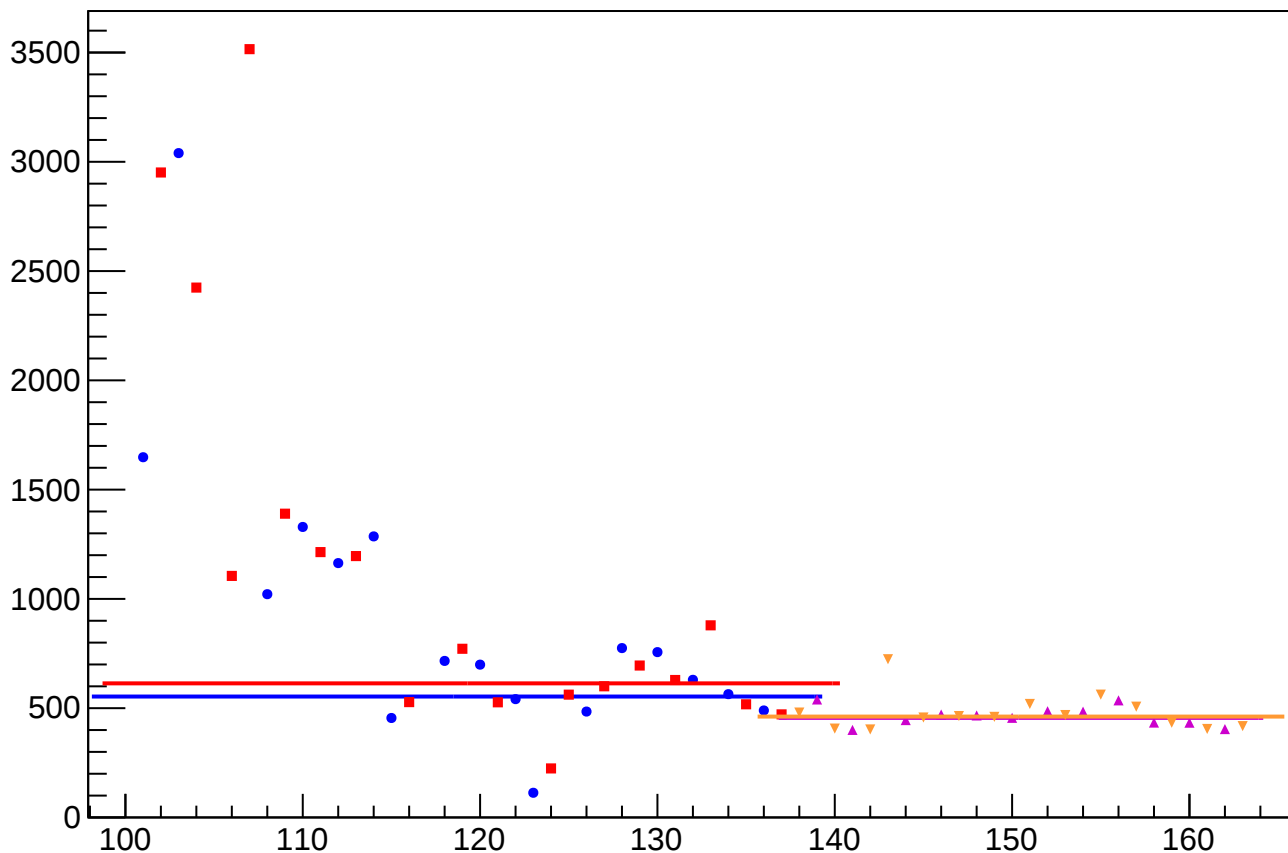
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 71.492 $\pm$ 125.967 χ^2/NDF :35.9/28

Out: 423.328 $\pm$ 126.149 χ^2/NDF :54.7/31

All: 247.155 $\pm$ 89.136 χ^2/NDF : 94.5/60

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 461.539+/-0.101 χ^2/NDF : 390001.5/13

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

Left In: 455.577+/-0.103 χ^2/NDF : 153759.7/11

Left: 458.624+/-0.072 χ^2/NDF : 545463.5/25

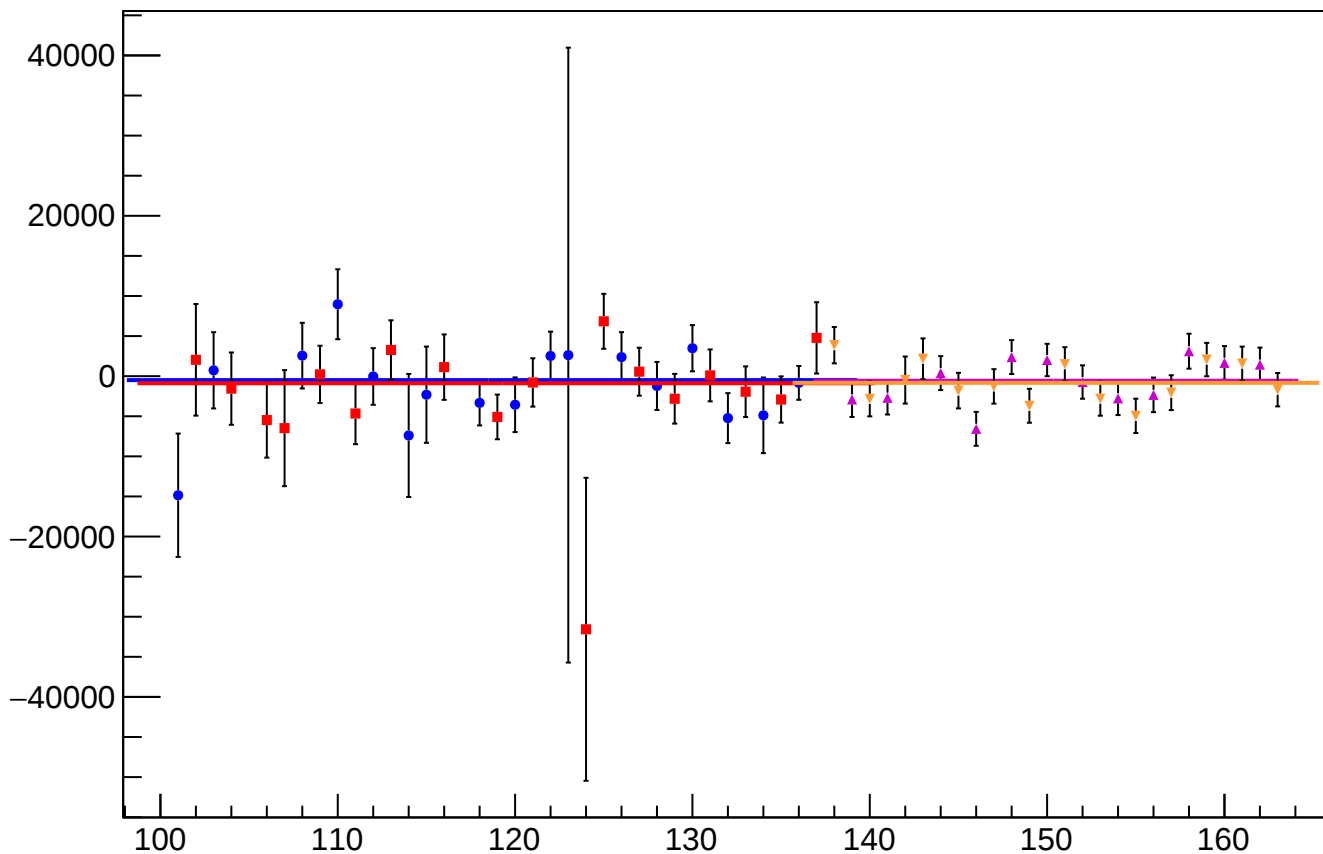
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 480.661+/-0.089 χ^2/NDF : 3796107.3/28

Out: 495.080+/-0.089 χ^2/NDF : 4365884.0/31

All: 487.860+/-0.063 χ^2/NDF : 8175074.5/60

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -830.595+/-589.676 χ^2/NDF : 18.1/13

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

Left In: -571.694+/-609.464 χ^2/NDF : 20.7/11

Left: -705.416+/-423.787 χ^2/NDF : 38.9/25

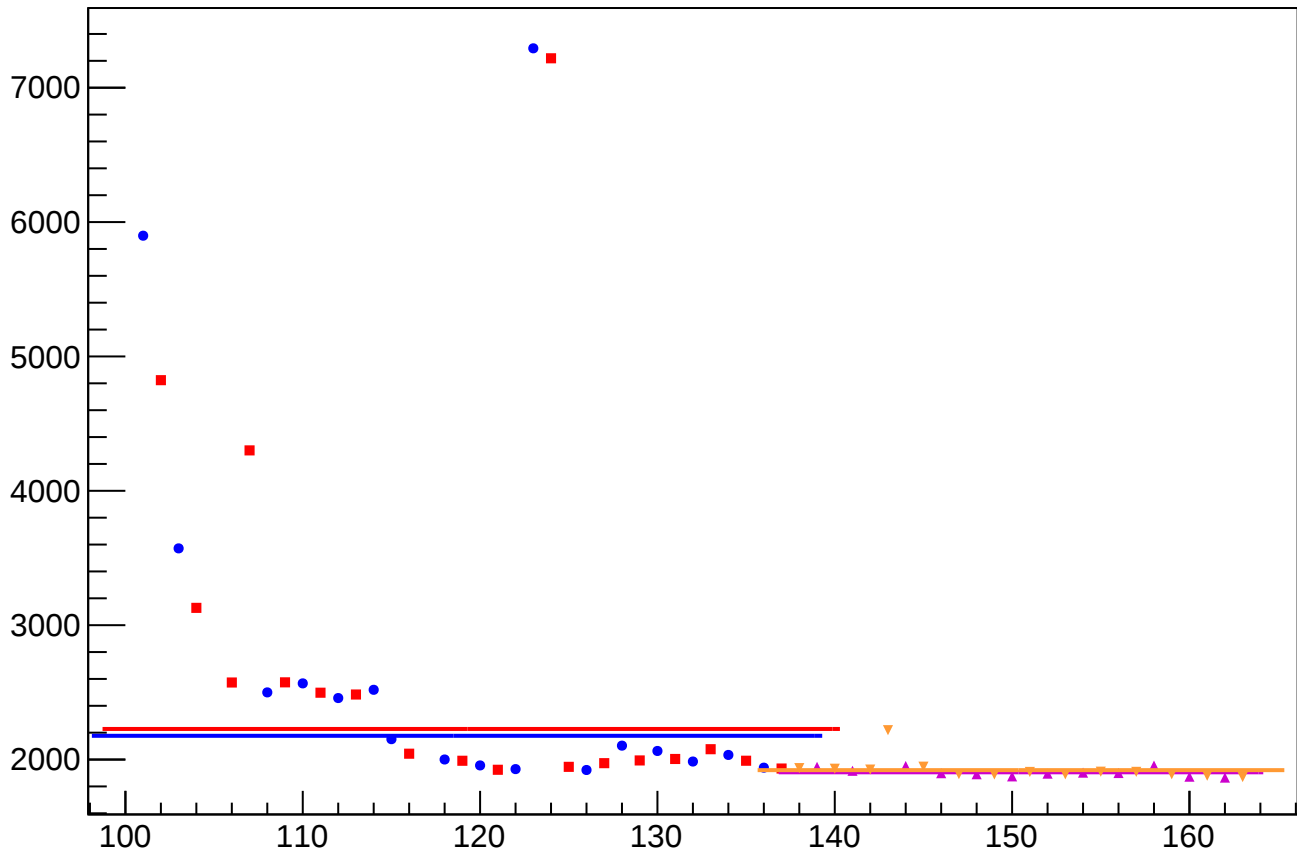
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -545.358+/-498.787 χ^2/NDF : 39.3/28

Out: -847.635+/-487.968 χ^2/NDF : 35.3/31

All: -699.810+/-348.808 χ^2/NDF : 74.8/60

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.119+/-0.417 χ^2/NDF : 31752.2/13

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

Left In: 1905.102+/-0.431 χ^2/NDF : 4595.9/11

Left: 1913.375+/-0.300 χ^2/NDF : 37061.4/25

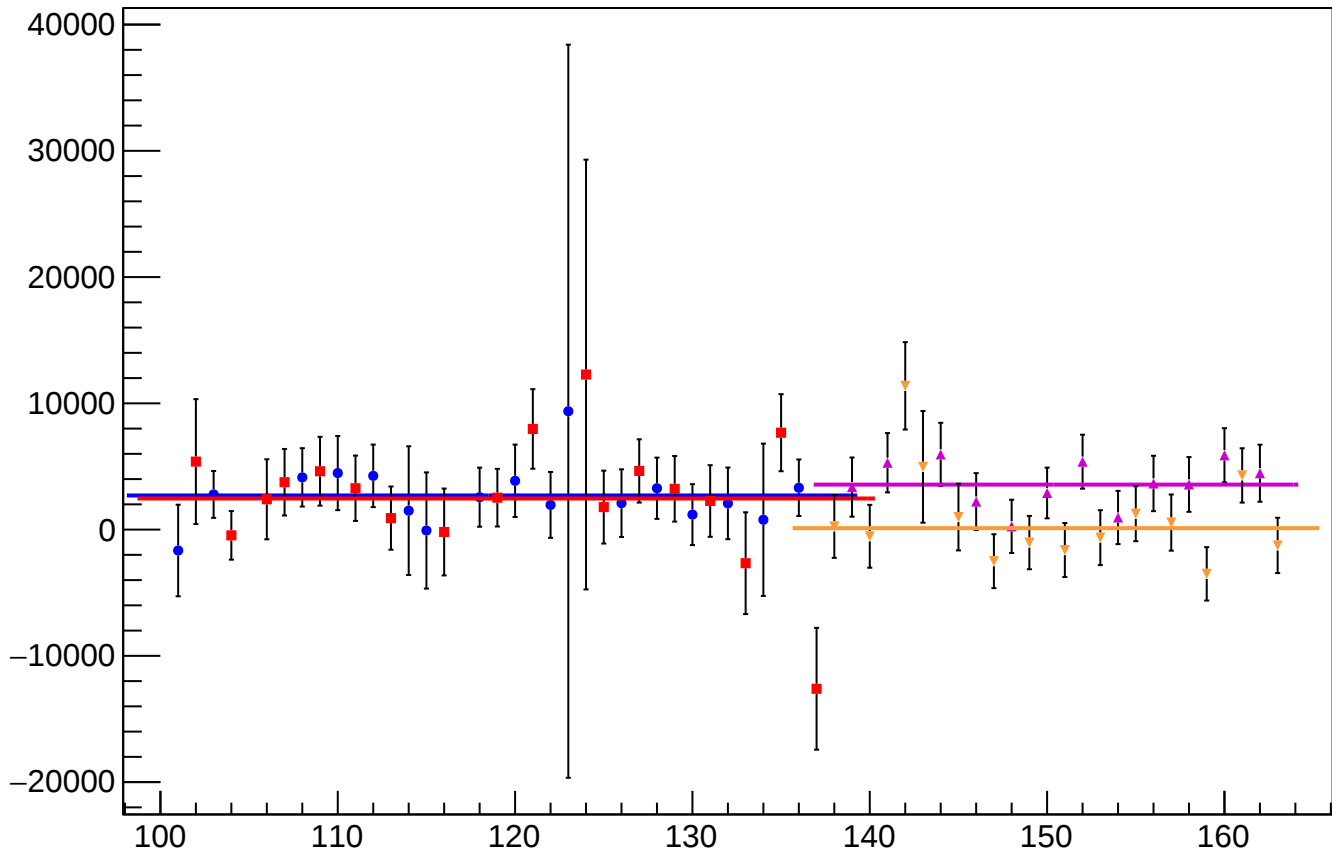
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1994.804+/-0.353 χ^2/NDF : 938474.2/28

Out: 2017.753+/-0.345 χ^2/NDF : 1027816.0/31

All: 2006.530+/-0.247 χ^2/NDF : 1968453.5/60

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 115.460+/-627.999 χ^2/NDF : 22.0/13

Right Out: 2464.583+/-683.276 χ^2/NDF : 23.2/17

Left In: 3563.938+/-636.177 χ^2/NDF : 8.0/11

Left: 1817.393+/-446.926 χ^2/NDF : 44.8/25

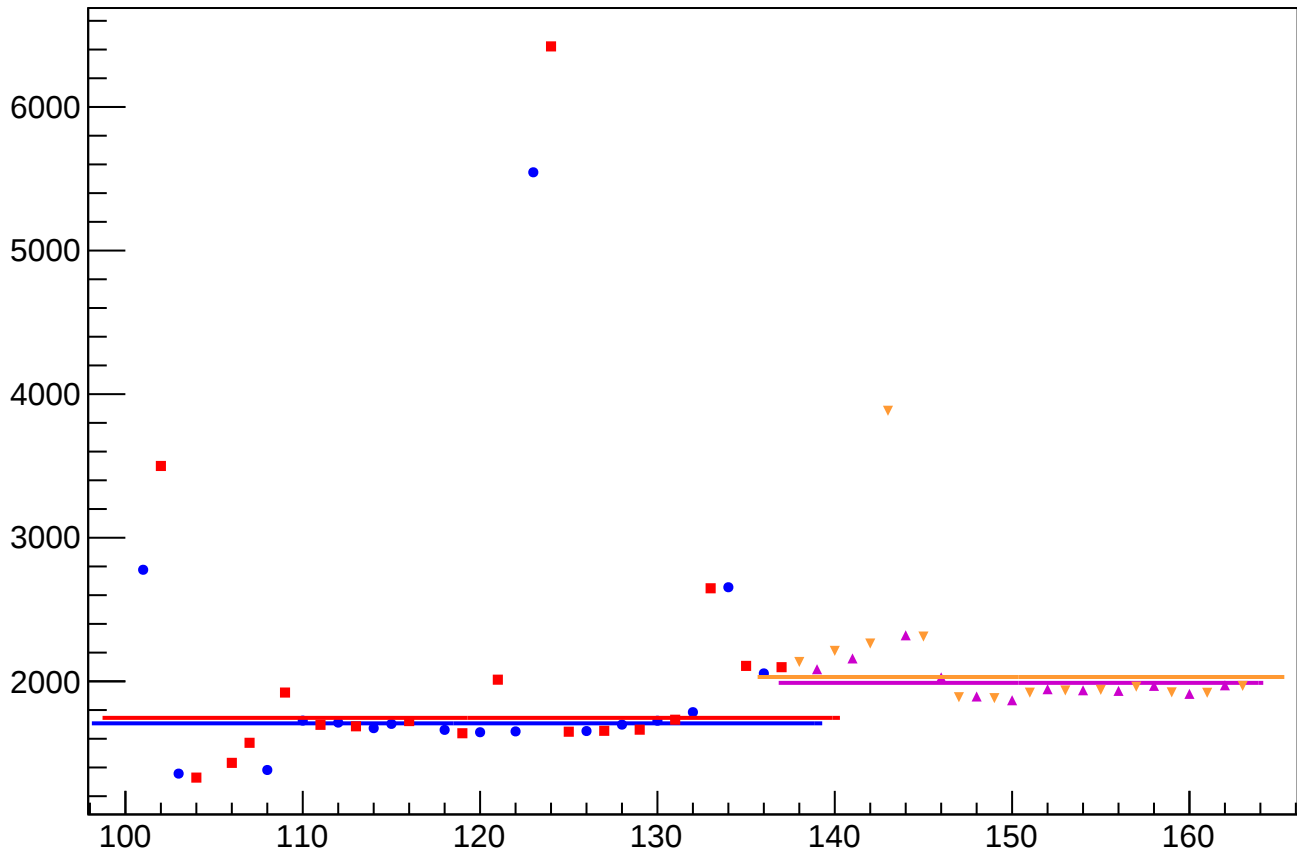
Right: 2585.697+/-479.799 χ^2/NDF : 27.3/34

In: 3158.477+/-462.606 χ^2/NDF : 12.9/28

Out: 1191.170+/-462.371 χ^2/NDF : 51.6/31

All: 2174.325+/-327.029 χ^2/NDF : 73.5/60

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2030.182 ± 0.444 $\chi^2/\text{NDF}: 442447.5/13$

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

Left In: 1989.258 ± 0.450 $\chi^2/\text{NDF}: 66813.0/11$

Left: 2009.985 ± 0.316 $\chi^2/\text{NDF}: 513452.1/25$

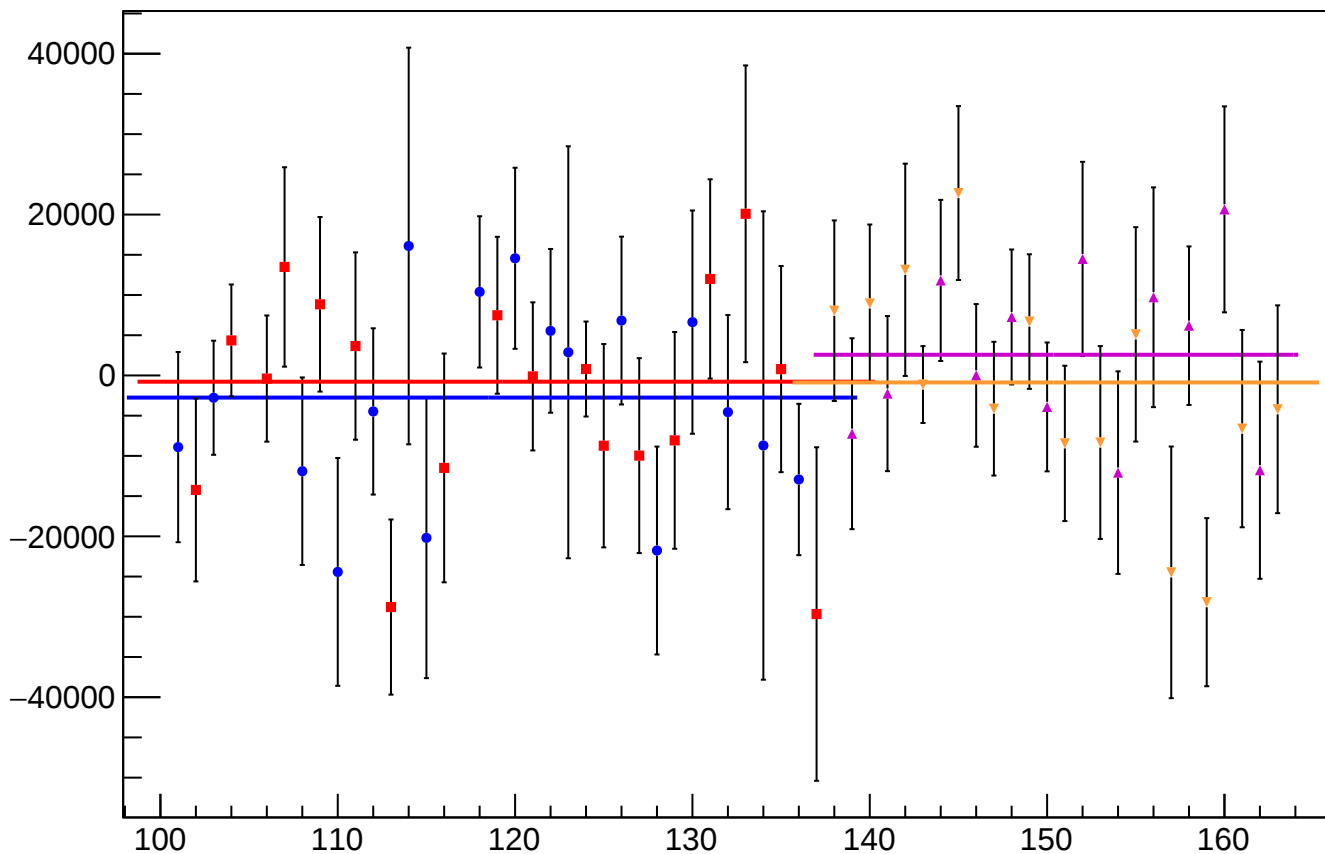
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1856.431 ± 0.327 $\chi^2/\text{NDF}: 673996.8/28$

Out: 1899.805 ± 0.327 $\chi^2/\text{NDF}: 1329878.5/31$

All: 1878.132 ± 0.231 $\chi^2/\text{NDF}: 2012671.7/60$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: -871.347+/-2545.349 χ^2/NDF : 19.1/13

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: 2571.177+/-3004.884 χ^2/NDF : 8.7/11

Left: 566.830+/-1942.207 χ^2/NDF : 28.5/25

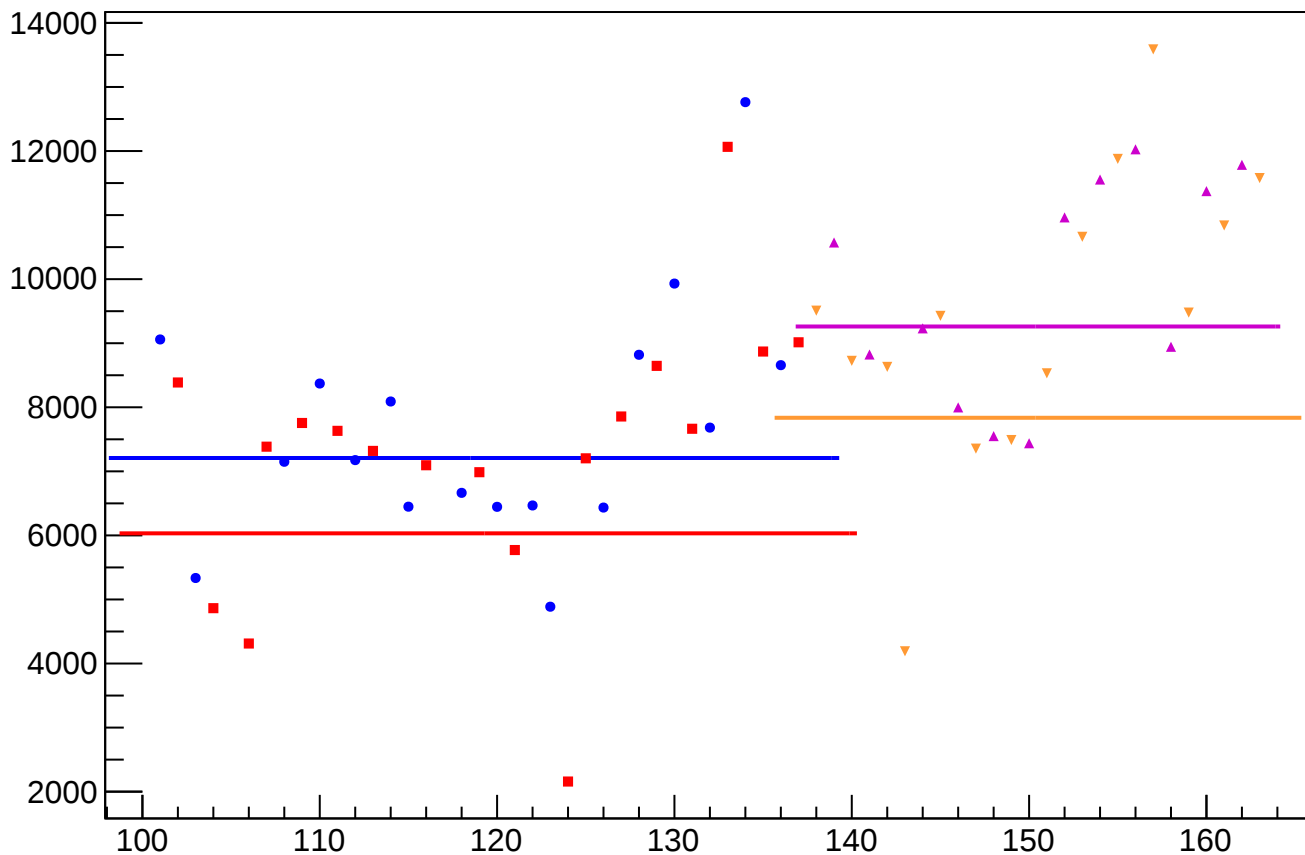
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -237.545+/-2064.934 χ^2/NDF : 24.9/28

Out: -821.113+/-1761.703 χ^2/NDF : 36.8/31

All: -575.284+/-1340.224 χ^2/NDF : 61.8/60

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7836.139+/-1.800 χ^2/NDF : 2197318.1/13

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

Left In: 9261.103+/-2.125 χ^2/NDF : 570468.8/11

Left: 8431.443+/-1.373 χ^2/NDF : 3029652.4/25

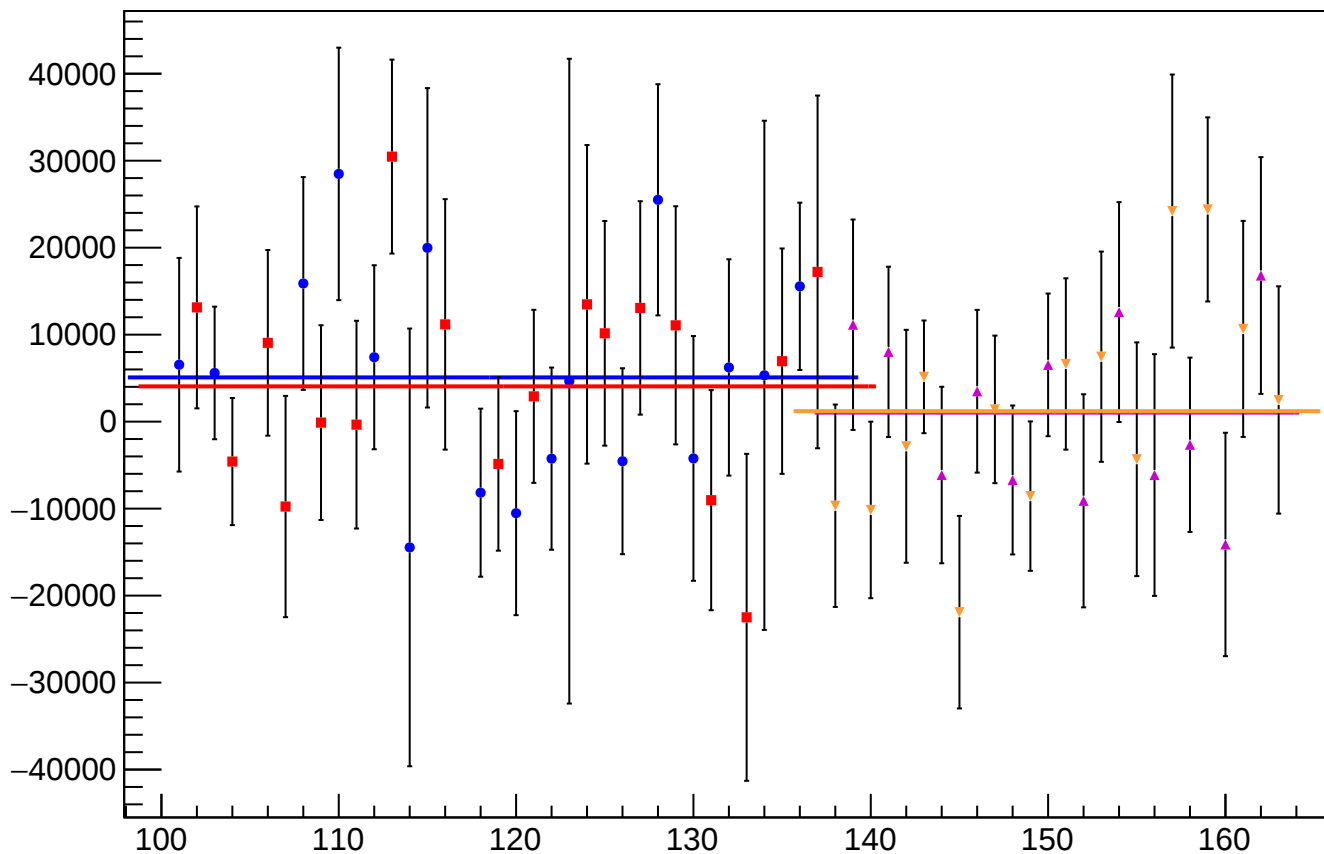
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8177.726+/-1.460 χ^2/NDF : 1556815.4/28

Out: 6896.353+/-1.246 χ^2/NDF : 4518225.6/31

All: 7436.134+/-0.948 χ^2/NDF : 6520757.3/60

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1204.554 $\pm$ 2772.131 χ^2 /NDF:16.5/13

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

Left In: 1039.344 $\pm$ 3064.904 χ^2 /NDF:7.7/11

Left: 1130.215 $\pm$ 2055.927 χ^2 /NDF: 24.2/25

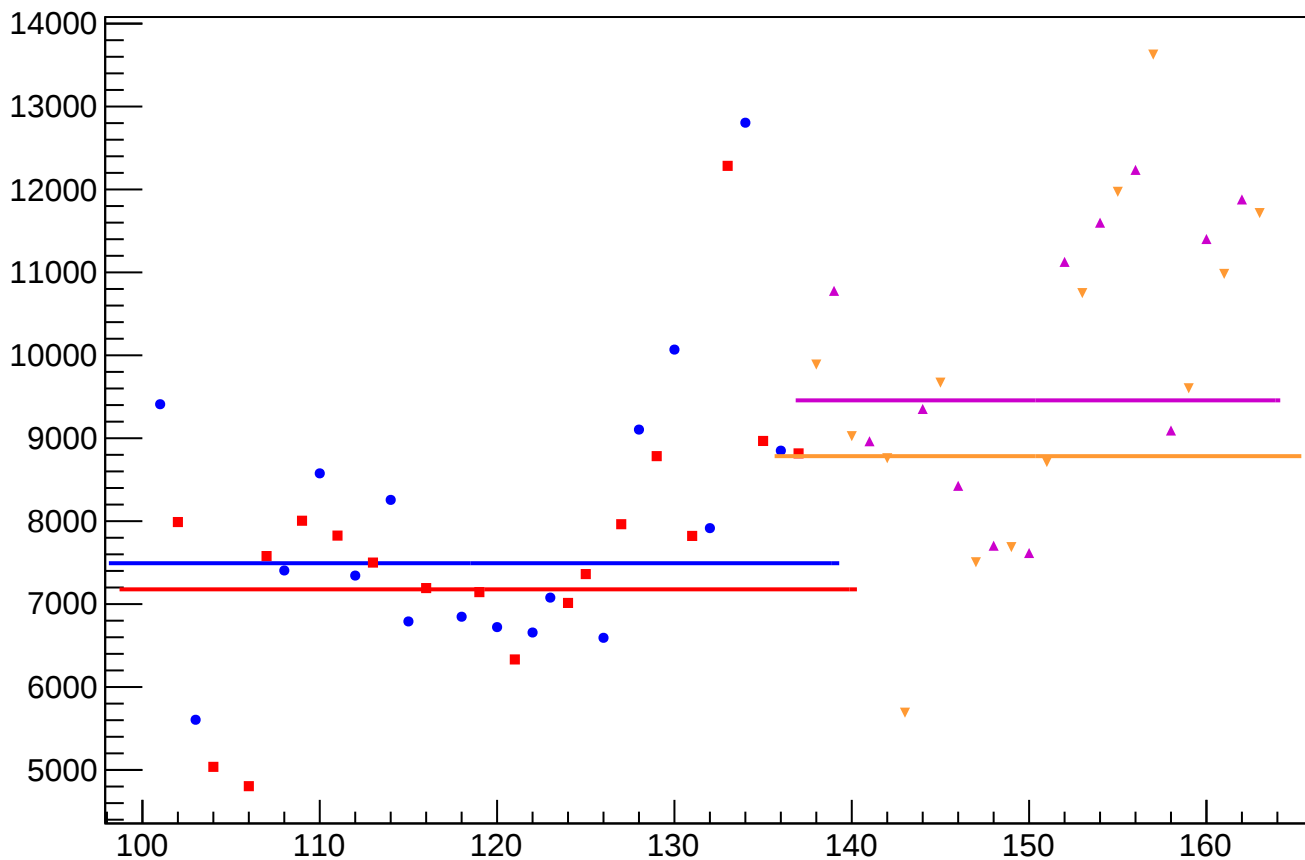
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3135.648 $\pm$ 2127.385 χ^2 /NDF:22.6/28

Out: 2615.774 $\pm$ 1969.998 χ^2 /NDF:32.2/31

All: 2855.771 $\pm$ 1445.440 χ^2 /NDF: 54.8/60

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8783.933 $\pm$ 1.960 χ^2 /NDF:1097165.1/13

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

Left In: 9456.781 $\pm$ 2.167 χ^2 /NDF:524601.0/11

Left: 9086.693 $\pm$ 1.454 χ^2 /NDF: 1674783.5/25

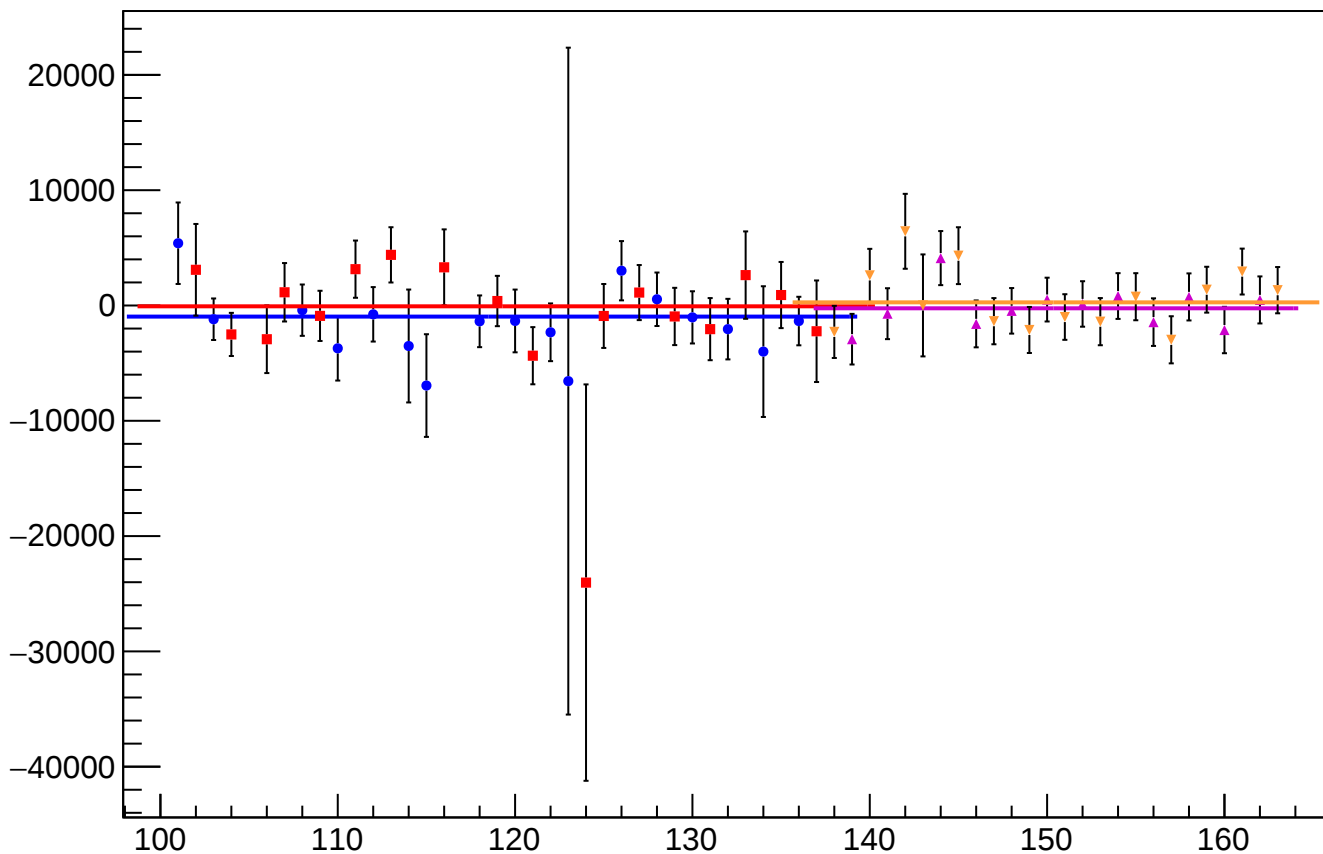
Right: 7326.859 $\pm$ 1.437 χ^2 /NDF: 1004970.1/34

In: 8439.064 $\pm$ 1.504 χ^2 /NDF:1387219.6/28

Out: 7988.822 $\pm$ 1.393 χ^2 /NDF:1985426.8/31

All: 8196.663 $\pm$ 1.022 χ^2 /NDF: 3420877.7/60

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 272.157 $\pm$ 584.959 χ^2 /NDF:16.8/13

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

Left In: -243.914 $\pm$ 593.049 χ^2 /NDF:7.5/11

Left: 17.666 $\pm$ 416.459 χ^2 /NDF: 24.6/25

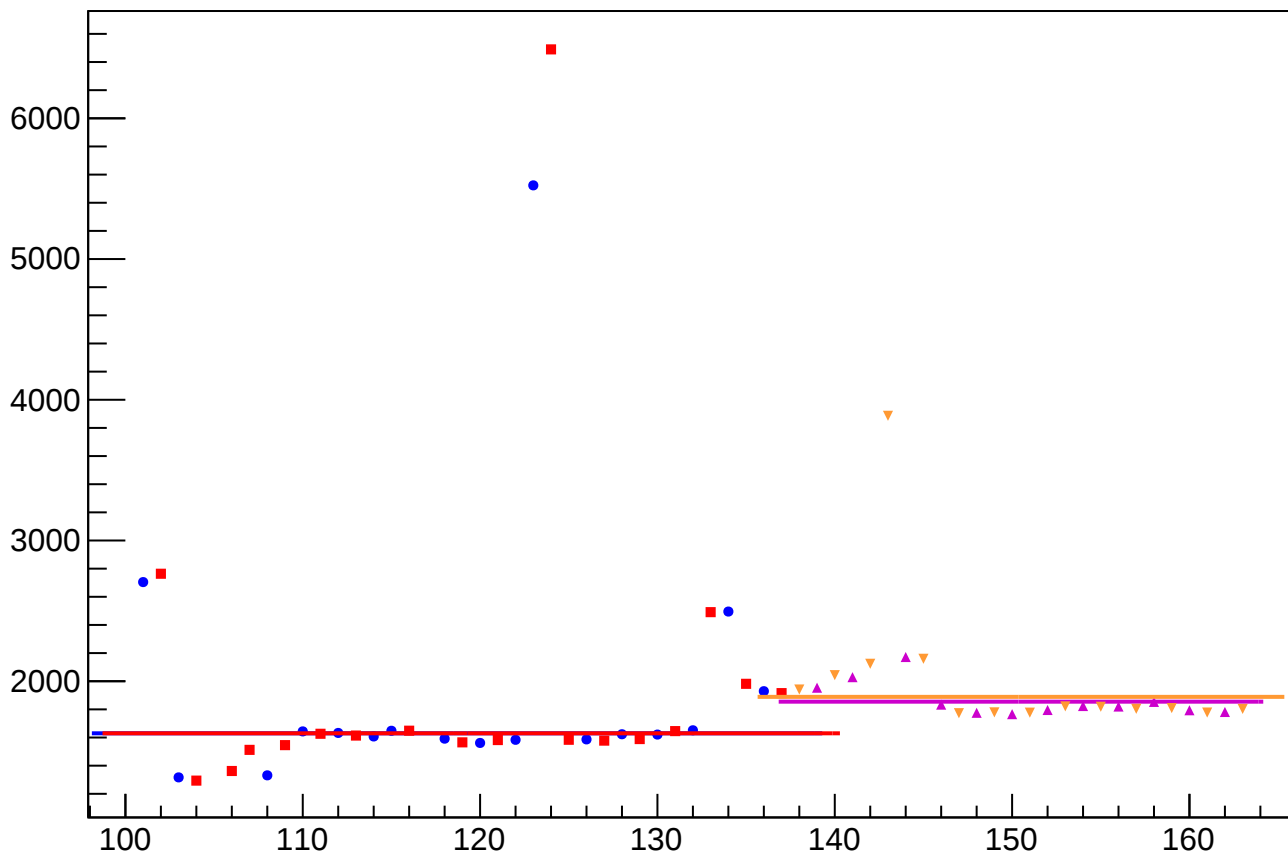
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -574.220 $\pm$ 435.948 χ^2 /NDF:18.2/28

Out: 114.328 $\pm$ 430.054 χ^2 /NDF:33.6/31

All: -225.260 $\pm$ 306.157 χ^2 /NDF: 53.1/60

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1888.945+/-0.414 χ^2/NDF : 492883.5/13

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

Left In: 1854.762+/-0.419 χ^2/NDF : 68195.2/11

Left: 1872.088+/-0.294 χ^2/NDF : 564446.6/25

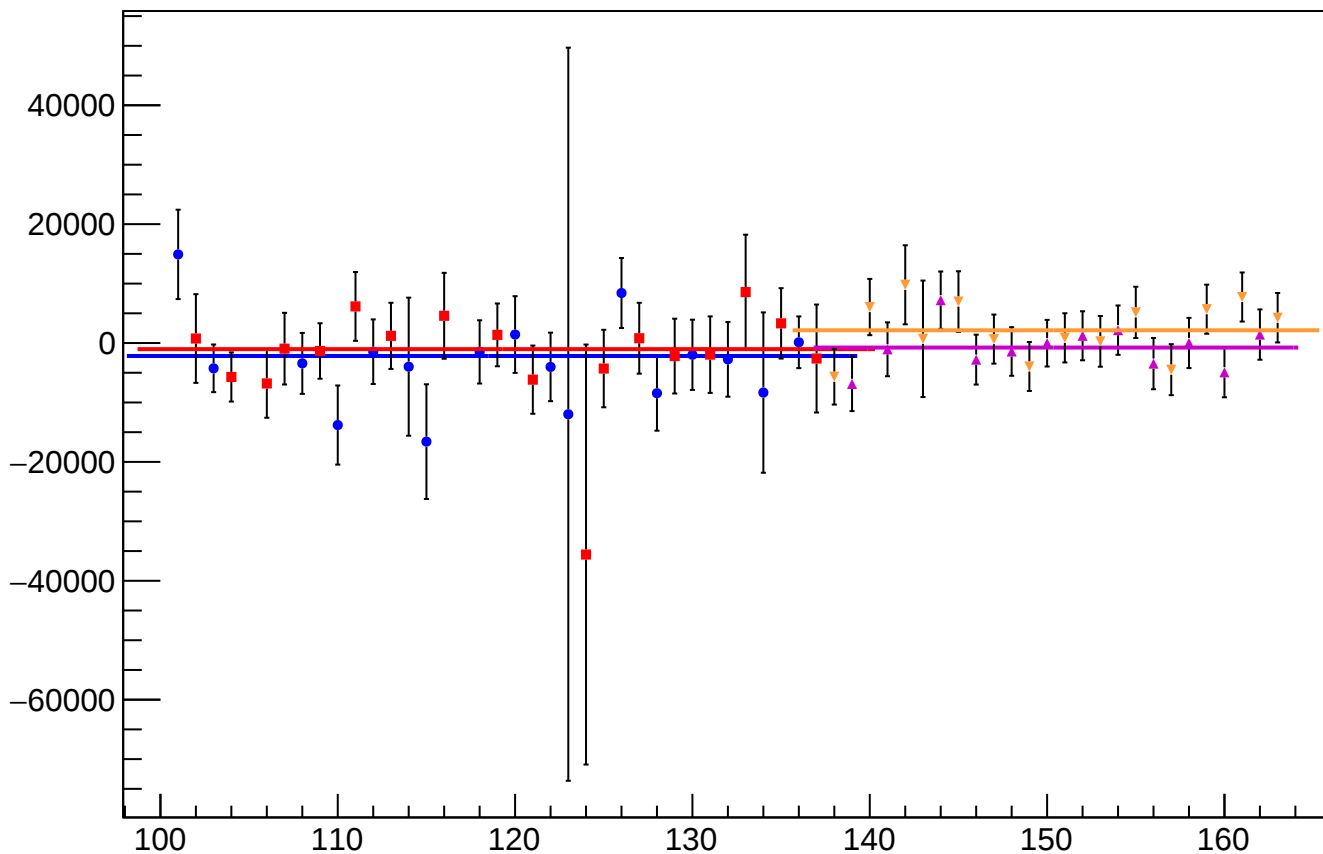
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1751.432+/-0.308 χ^2/NDF : 608441.5/28

Out: 1769.933+/-0.304 χ^2/NDF : 1230508.6/31

All: 1760.808+/-0.216 χ^2/NDF : 1840775.5/60

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2142.035+/-1216.376 χ^2/NDF : 14.0/13

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -762.088+/-1230.870 χ^2/NDF : 7.2/11

Left: 707.173+/-865.186 χ^2/NDF : 24.0/25

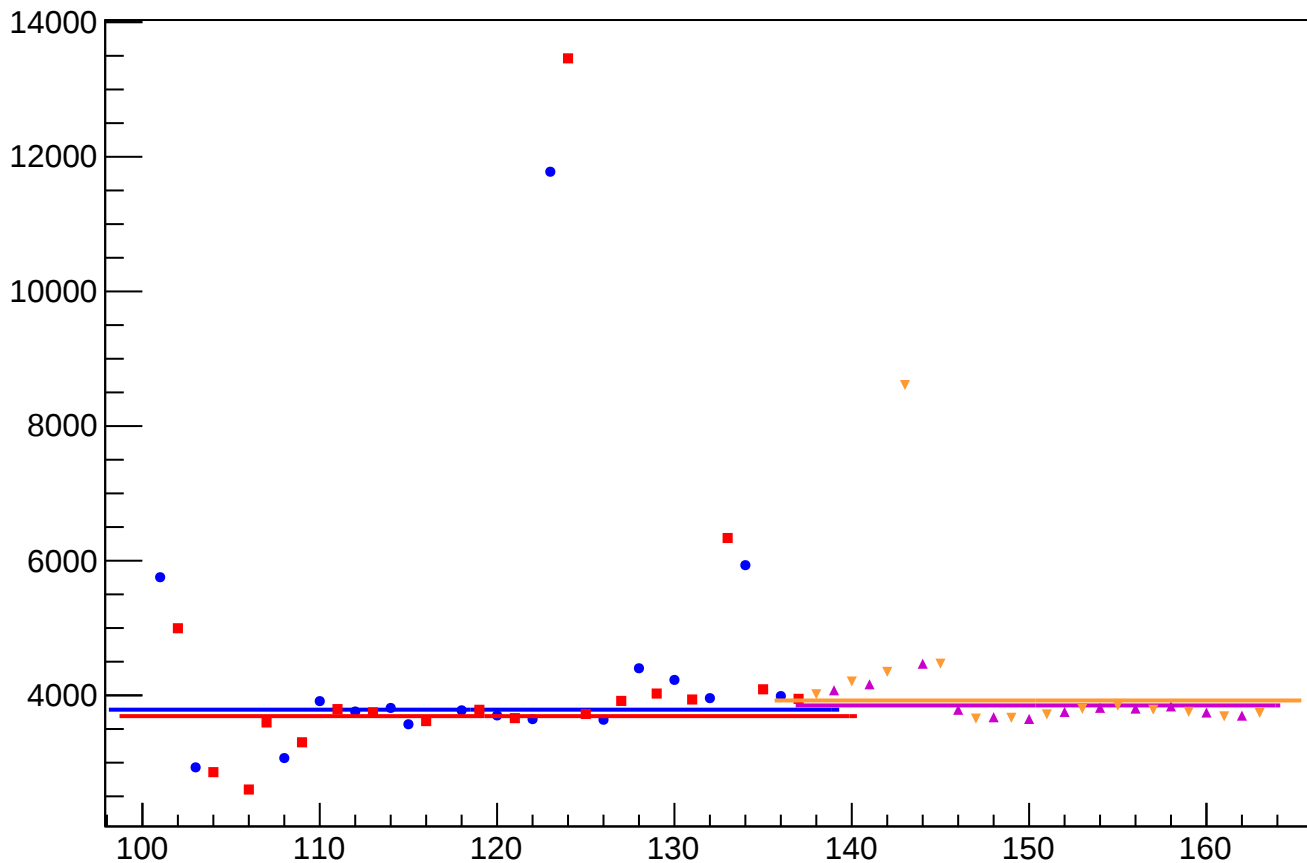
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1335.526+/-949.734 χ^2/NDF : 23.7/28

Out: 824.916+/-929.853 χ^2/NDF : 25.4/31

All: -232.457+/-664.423 χ^2/NDF : 51.8/60

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3924.044+/-0.860 χ^2/NDF : 535982.7/13

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

Left In: 3850.241+/-0.870 χ^2/NDF : 62159.0/11

Left: 3887.580+/-0.612 χ^2/NDF : 601779.5/25

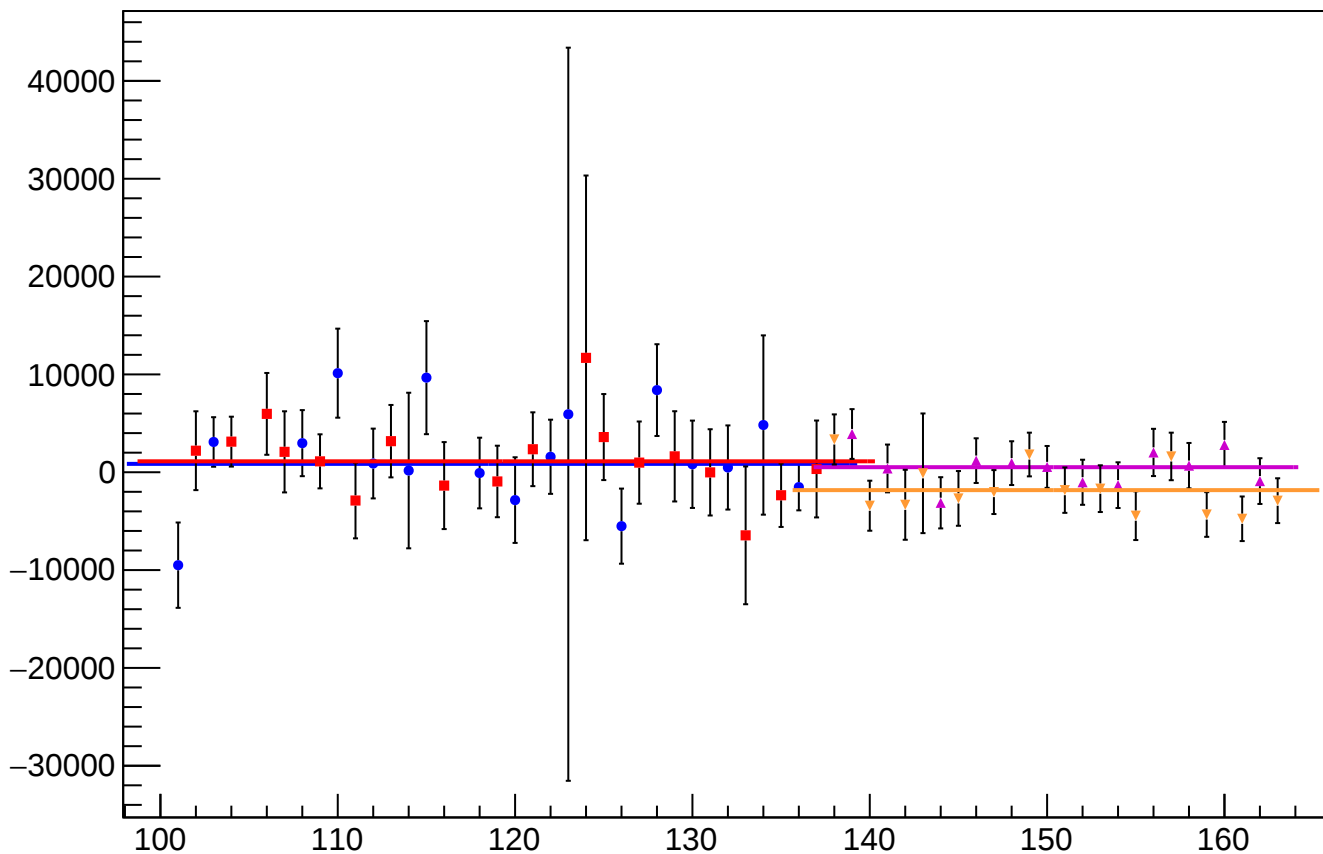
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3824.773+/-0.672 χ^2/NDF : 456925.8/28

Out: 3827.285+/-0.657 χ^2/NDF : 1121588.3/31

All: 3826.056+/-0.470 χ^2/NDF : 1578521.3/60

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1828.497 $\pm$ 673.607 χ^2 /NDF:13.7/13

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

Left In: 517.229 $\pm$ 678.688 χ^2 /NDF:6.6/11

Left: -664.448 $\pm$ 478.098 χ^2 /NDF: 26.3/25

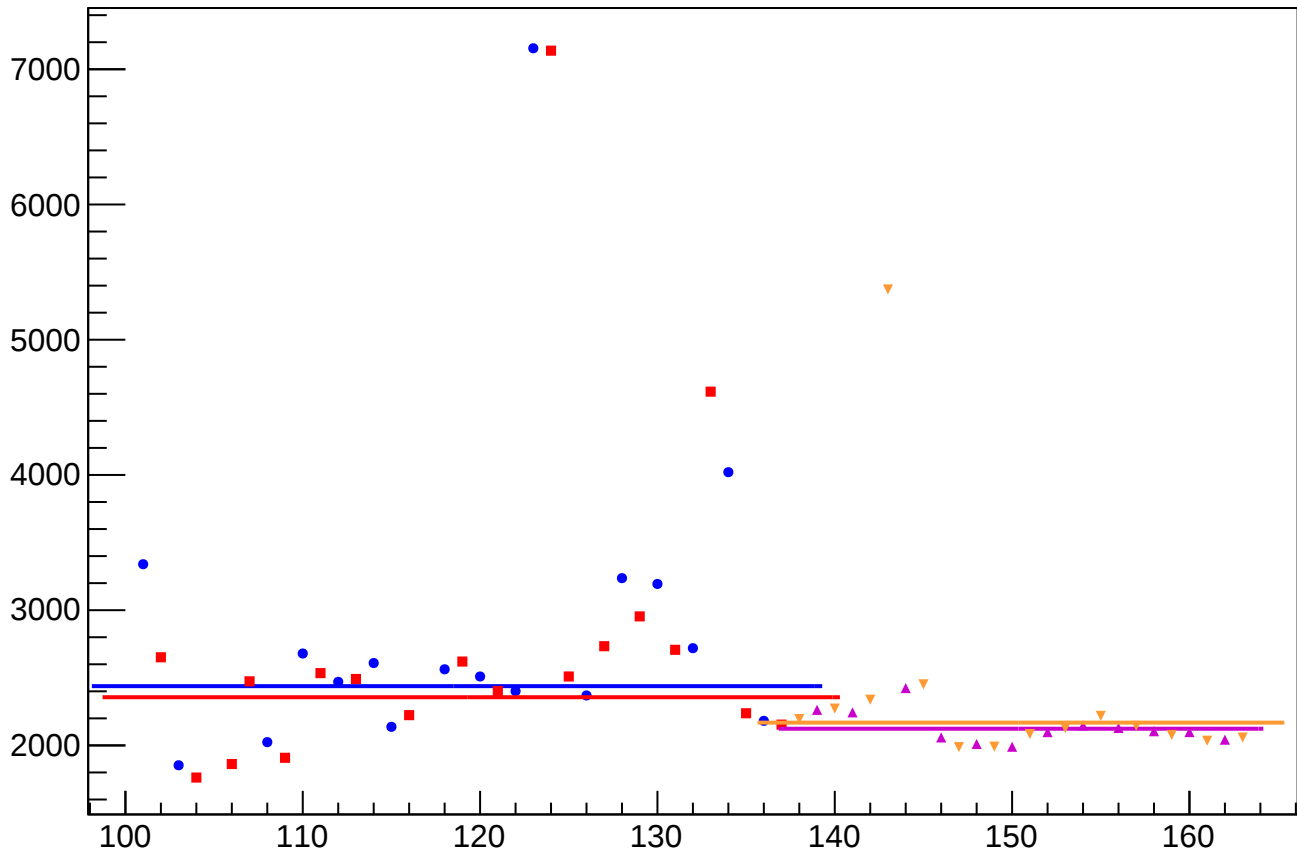
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 629.444 $\pm$ 555.091 χ^2 /NDF:27.3/28

Out: -810.741 $\pm$ 544.970 χ^2 /NDF:27.5/31

All: -103.897 $\pm$ 388.881 χ^2 /NDF: 58.3/60

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2168.598+/-0.476 χ^2/NDF : 621818.2/13

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

Left In: 2123.355+/-0.480 χ^2/NDF : 54940.2/11

Left: 2146.147+/-0.338 χ^2/NDF : 681235.8/25

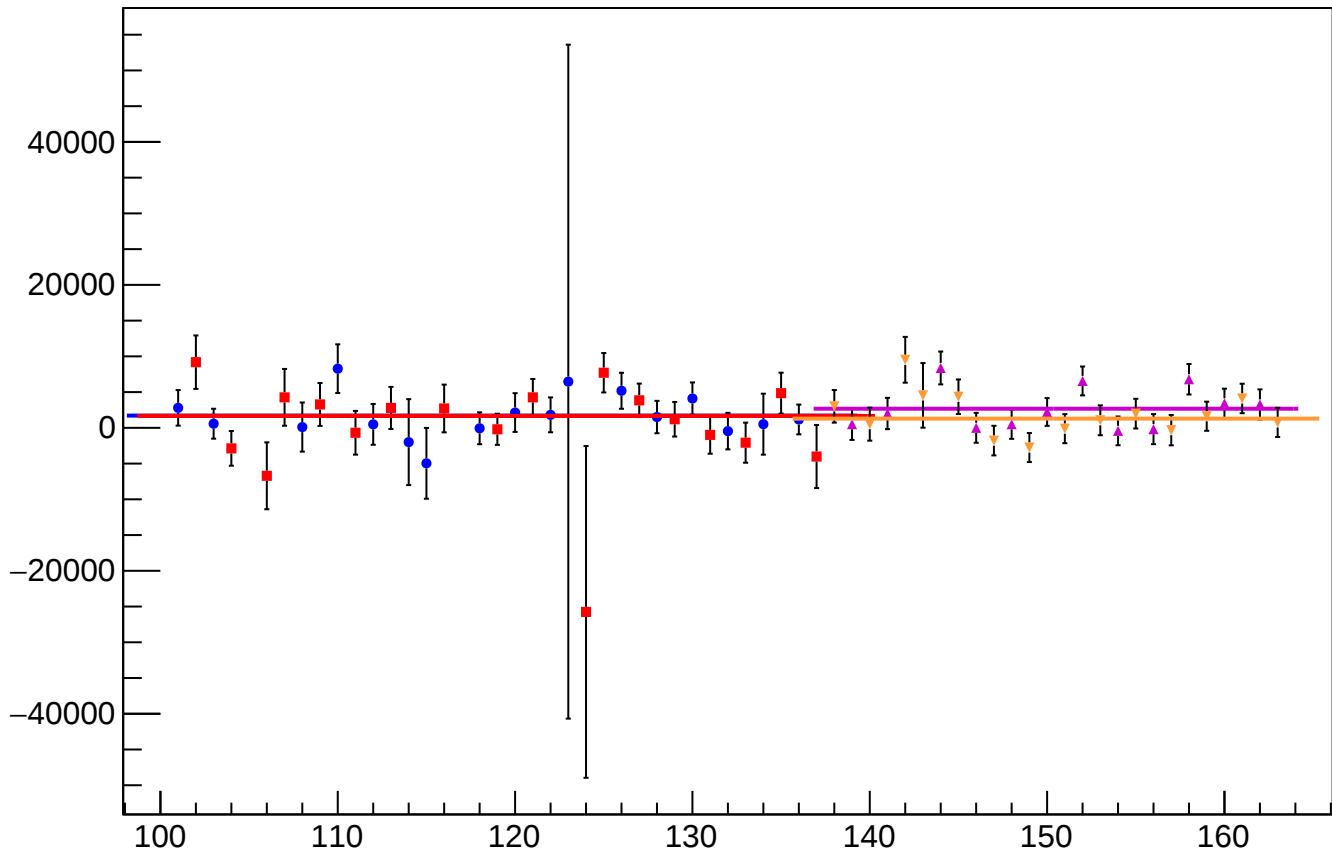
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2227.612+/-0.393 χ^2/NDF : 674223.4/28

Out: 2233.479+/-0.385 χ^2/NDF : 1304659.5/31

All: 2230.600+/-0.275 χ^2/NDF : 1978996.7/60

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1291.215+/-596.295 χ^2/NDF : 18.7/13

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

Left In: 2675.088+/-604.593 χ^2/NDF : 21.9/11

Left: 1973.590+/-424.548 χ^2/NDF : 43.2/25

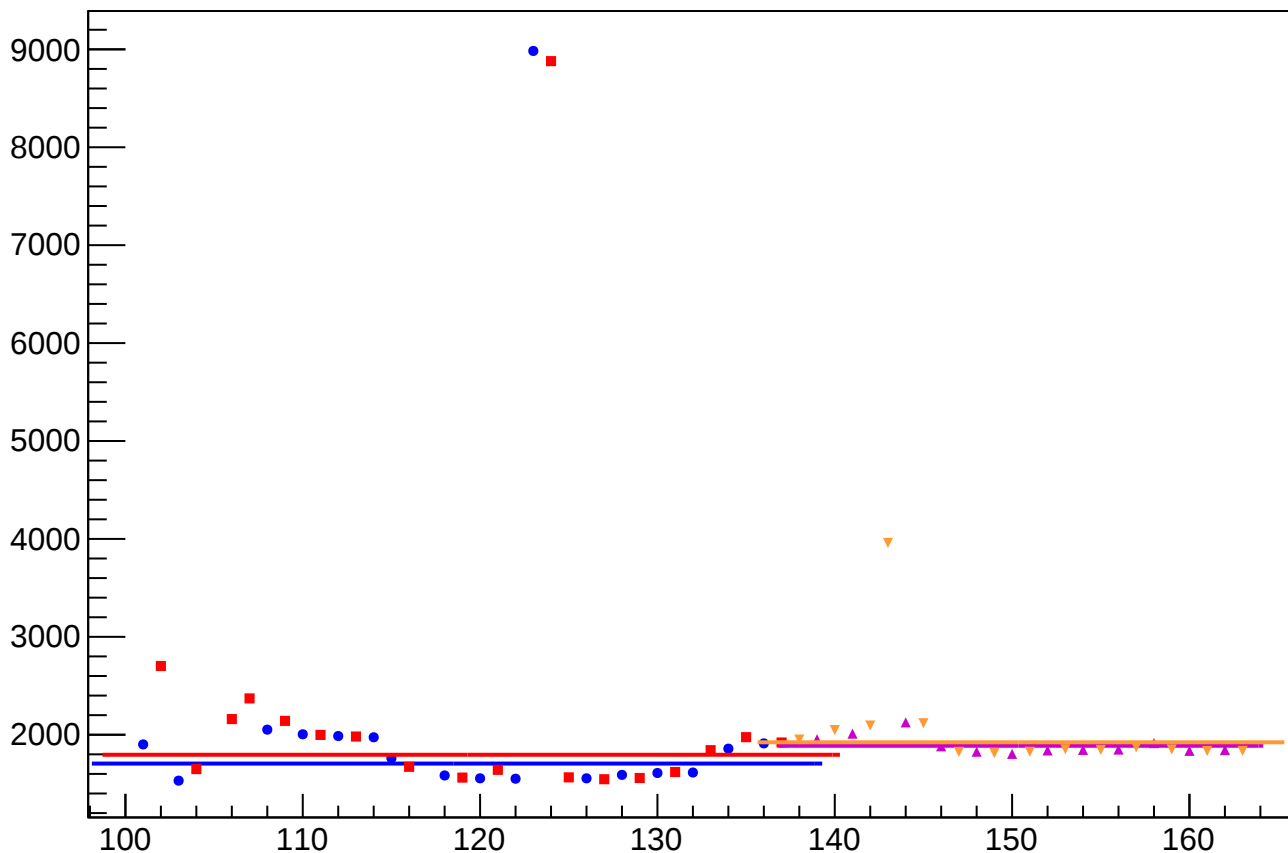
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2241.059+/-447.999 χ^2/NDF : 34.4/28

Out: 1449.674+/-452.748 χ^2/NDF : 45.7/31

All: 1849.538+/-318.449 χ^2/NDF : 81.7/60

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1923.059+/-0.422 χ^2/NDF : 462181.3/13

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1887.491+/-0.428 χ^2/NDF : 40287.8/11

Left: 1905.521+/-0.300 χ^2/NDF : 505977.8/25

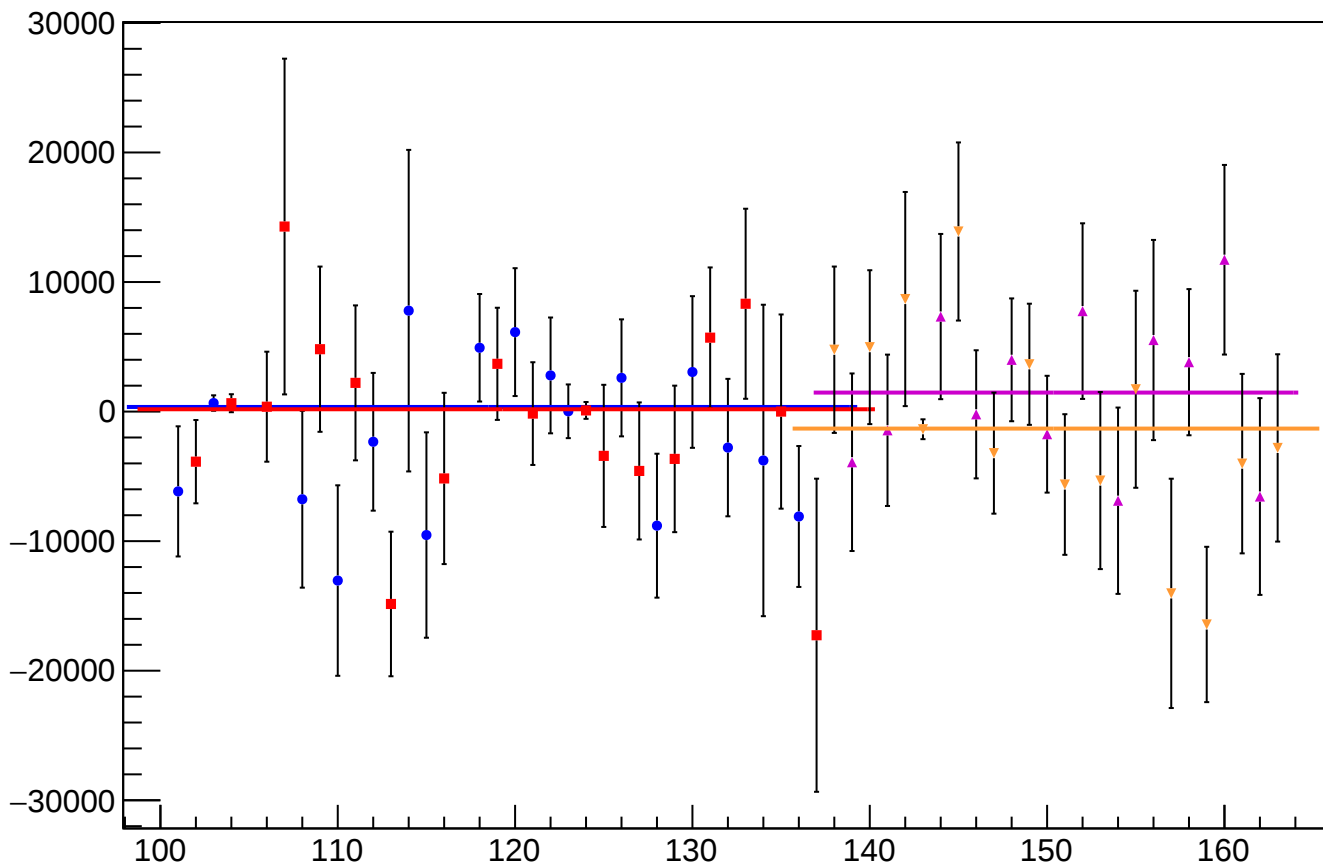
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1805.482+/-0.317 χ^2/NDF : 316067.9/28

Out: 1868.931+/-0.320 χ^2/NDF : 1019800.3/31

All: 1836.901+/-0.225 χ^2/NDF : 1355733.6/60

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1311.948 $\pm$ 700.659 χ^2 /NDF:19.4/13

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

Left In: 1466.188 $\pm$ 1727.443 χ^2 /NDF:8.4/11

Left: -919.471 $\pm$ 649.283 χ^2 /NDF: 30.0/25

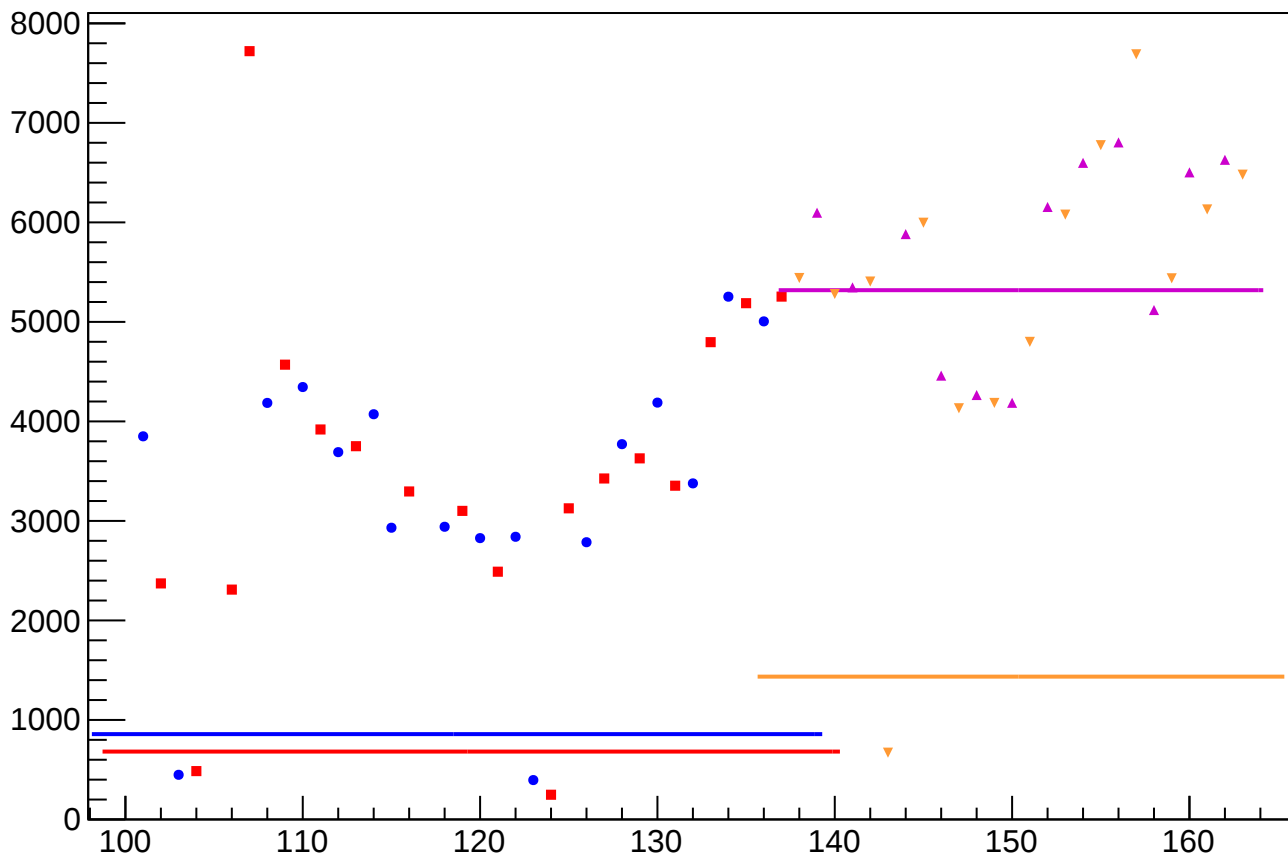
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 453.510 $\pm$ 509.490 χ^2 /NDF:26.2/28

Out: -252.151 $\pm$ 376.839 χ^2 /NDF:41.2/31

All: -2.618 $\pm$ 302.971 χ^2 /NDF: 68.6/60

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1435.230 $\pm$ 0.495 χ^2 /NDF: 12768512.2/13

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

Left In: 5318.650 $\pm$ 1.221 χ^2 /NDF: 608681.1/11

Left: 1983.854 $\pm$ 0.459 χ^2 /NDF: 22056924.9/25

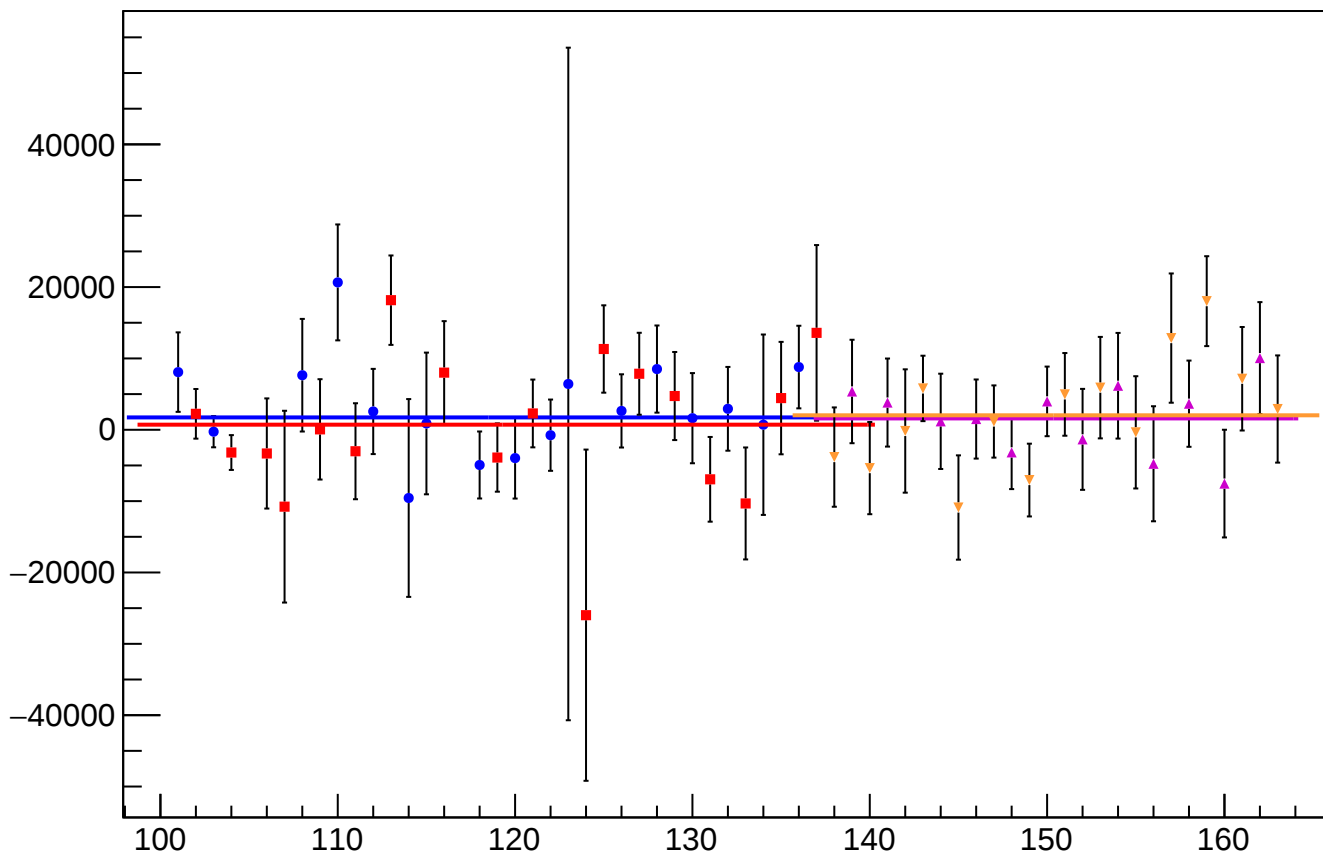
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1245.545 $\pm$ 0.360 χ^2 /NDF: 20962555.2/28

Out: 899.966 $\pm$ 0.266 χ^2 /NDF: 23789361.5/31

All: 1022.168 $\pm$ 0.214 χ^2 /NDF: 45346679.5/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2029.084+/-1710.890 χ^2/NDF : 18.1/13

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

Left In: 1590.875+/-1841.596 χ^2/NDF : 5.4/11

Left: 1826.080+/-1253.445 χ^2/NDF : 23.6/25

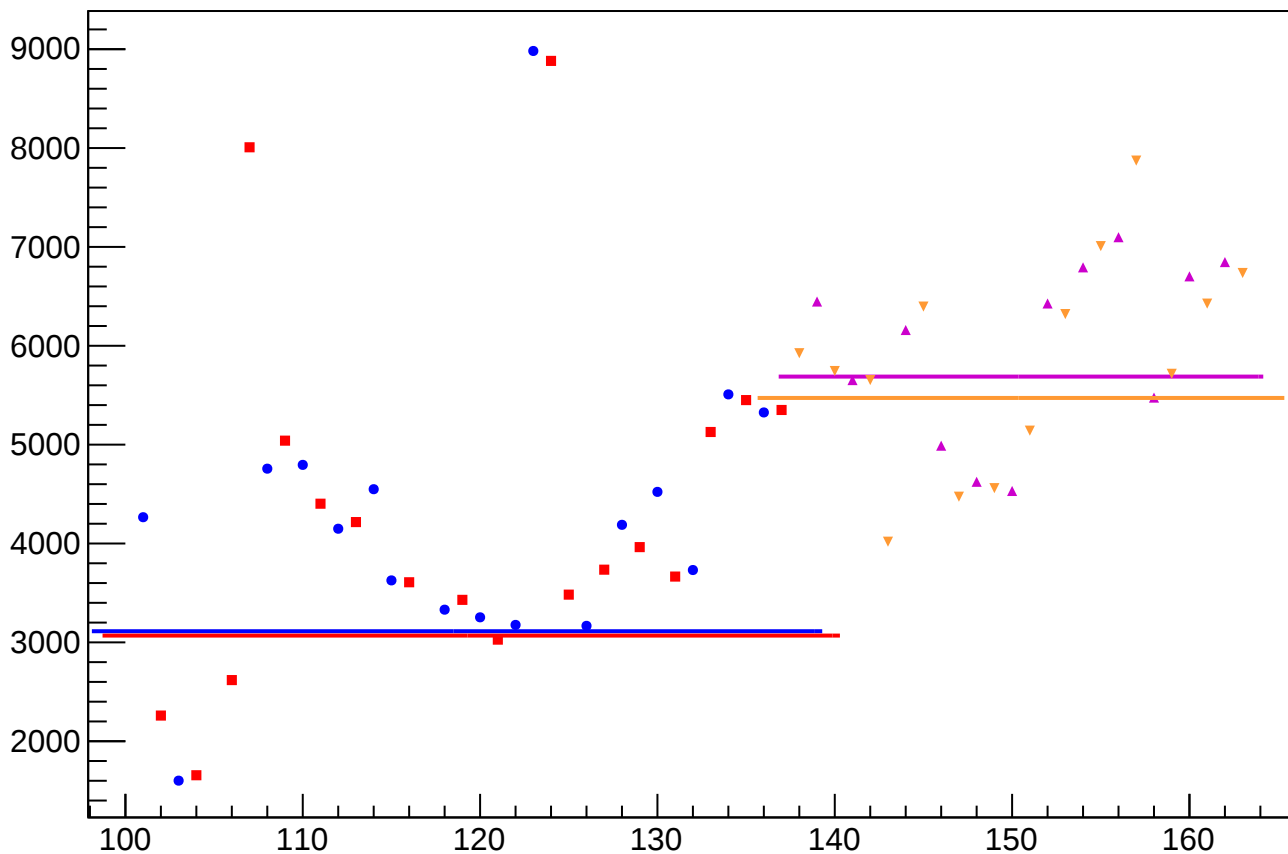
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1685.690+/-1064.552 χ^2/NDF : 20.3/28

Out: 1191.939+/-1030.377 χ^2/NDF : 43.6/31

All: 1430.762+/-740.374 χ^2/NDF : 64.1/60

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5472.299 $\pm$ 1.210 χ^2 /NDF: 733930.3/13

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

Left In: 5688.319 $\pm$ 1.302 χ^2 /NDF: 471511.9/11

Left: 5572.372 $\pm$ 0.886 χ^2 /NDF: 1220212.7/25

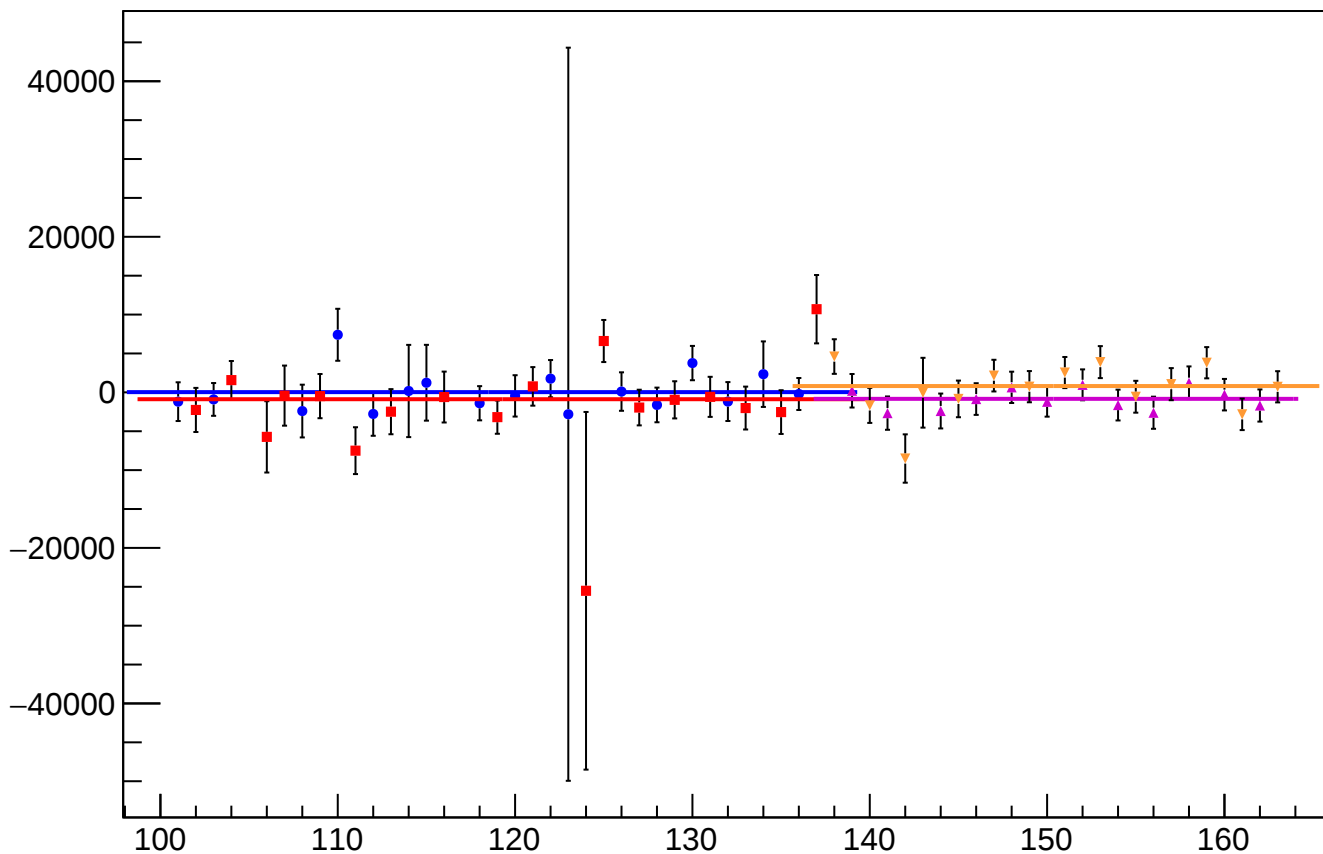
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 3973.335 $\pm$ 0.753 χ^2 /NDF: 4960890.7/28

Out: 3924.195 $\pm$ 0.722 χ^2 /NDF: 5278055.0/31

All: 3947.733 $\pm$ 0.521 χ^2 /NDF: 10241166.0/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 810.055 ± 584.975 $\chi^2/\text{NDF}: 23.0/13$

Right Out: -882.685 ± 674.623 $\chi^2/\text{NDF}: 25.6/17$

Left In: -834.870 ± 593.254 $\chi^2/\text{NDF}: 5.0/11$

Left: -0.849 ± 416.536 $\chi^2/\text{NDF}: 31.9/25$

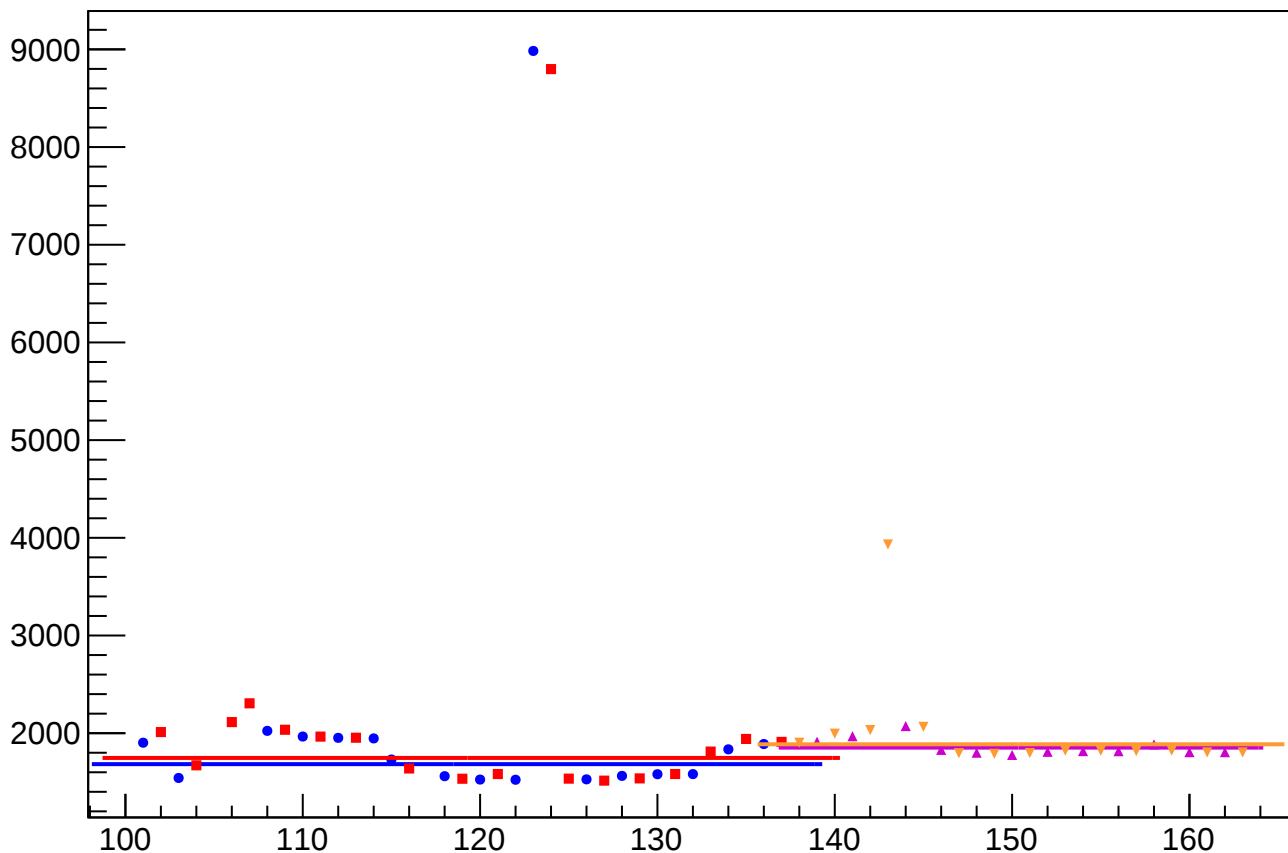
Right: -415.699 ± 471.191 $\chi^2/\text{NDF}: 38.4/34$

In: -447.732 ± 440.732 $\chi^2/\text{NDF}: 17.8/28$

Out: 83.554 ± 441.961 $\chi^2/\text{NDF}: 52.2/31$

All: -182.829 ± 312.078 $\chi^2/\text{NDF}: 70.7/60$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1886.539+/-0.414 χ^2/NDF : 464265.1/13

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

Left In: 1852.434+/-0.419 χ^2/NDF : 36315.6/11

Left: 1869.726+/-0.295 χ^2/NDF : 503932.0/25

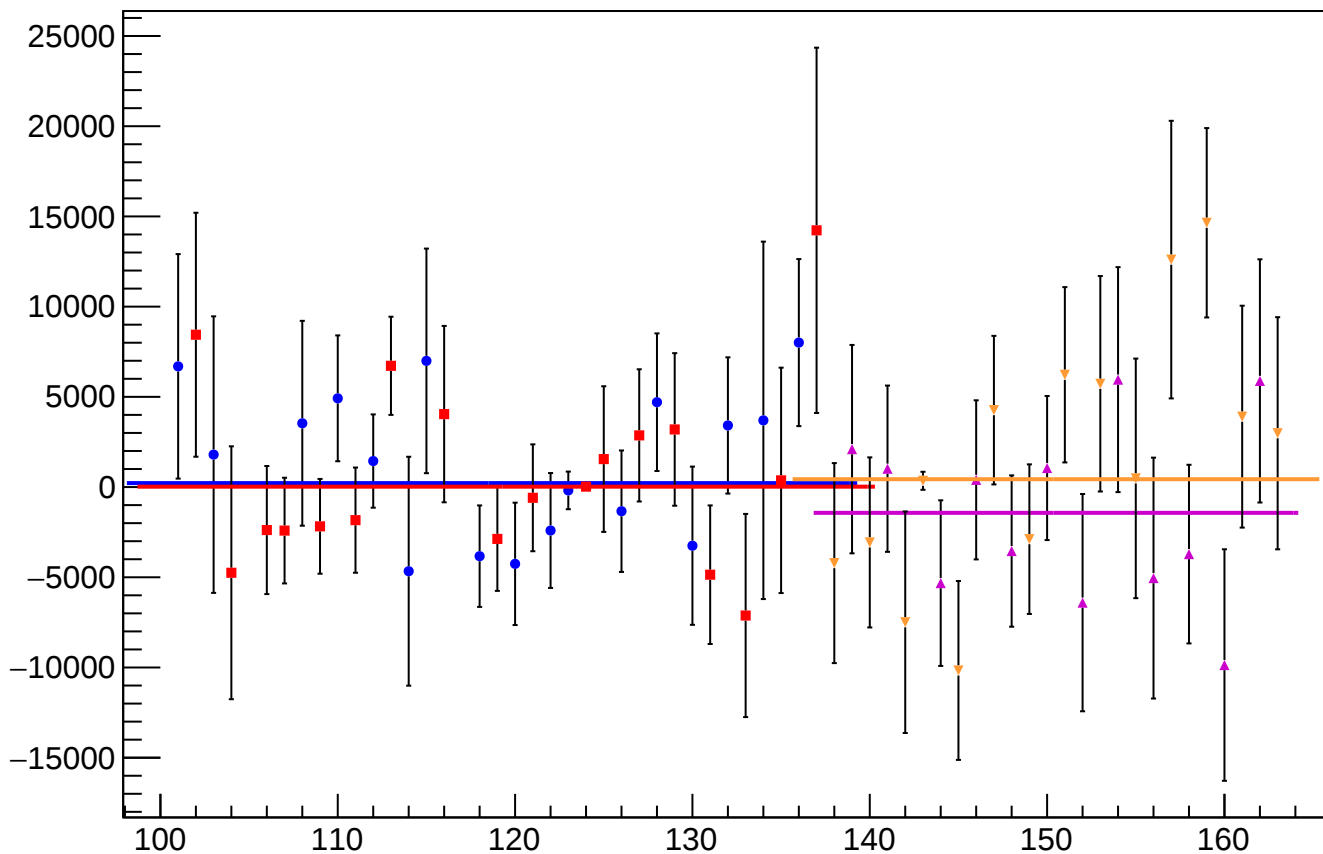
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1776.568+/-0.312 χ^2/NDF : 305165.1/28

Out: 1826.414+/-0.312 χ^2/NDF : 920093.0/31

All: 1801.445+/-0.221 χ^2/NDF : 1238026.2/60

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 435.217 $\pm$ 472.962 χ^2 /NDF:21.6/13

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

Left In: -1429.064 $\pm$ 1476.882 χ^2 /NDF:7.7/11

Left: 261.808 $\pm$ 450.429 χ^2 /NDF: 30.7/25

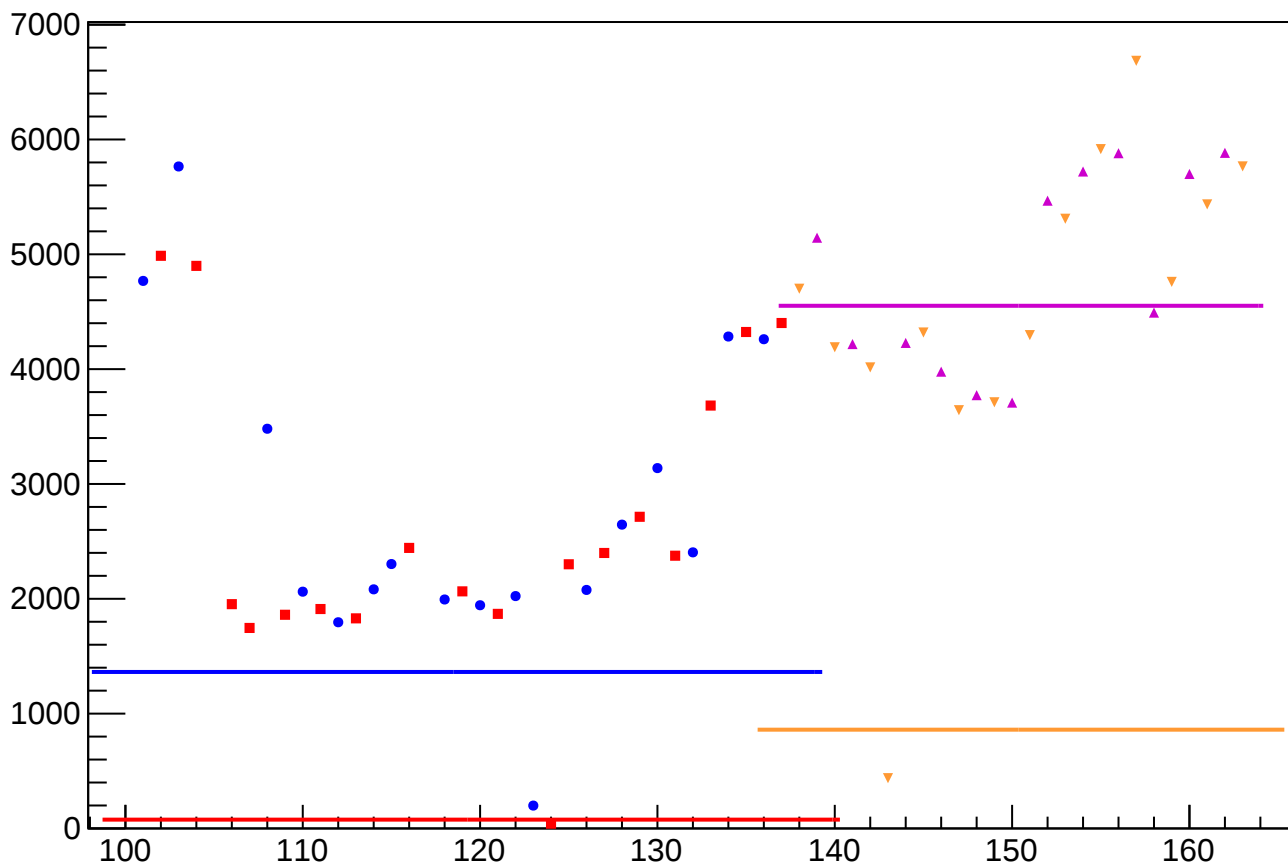
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: -97.475 $\pm$ 647.852 χ^2 /NDF:24.5/28

Out: 44.687 $\pm$ 110.950 χ^2 /NDF:40.8/31

All: 40.637 $\pm$ 109.358 χ^2 /NDF: 65.4/60

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 860.242 $\pm$ 0.334 χ^2 /NDF: 14543082.5/13

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

Left In: 4551.717 $\pm$ 1.044 χ^2 /NDF: 571707.6/11

Left: 1203.610 $\pm$ 0.319 χ^2 /NDF: 26447603.3/25

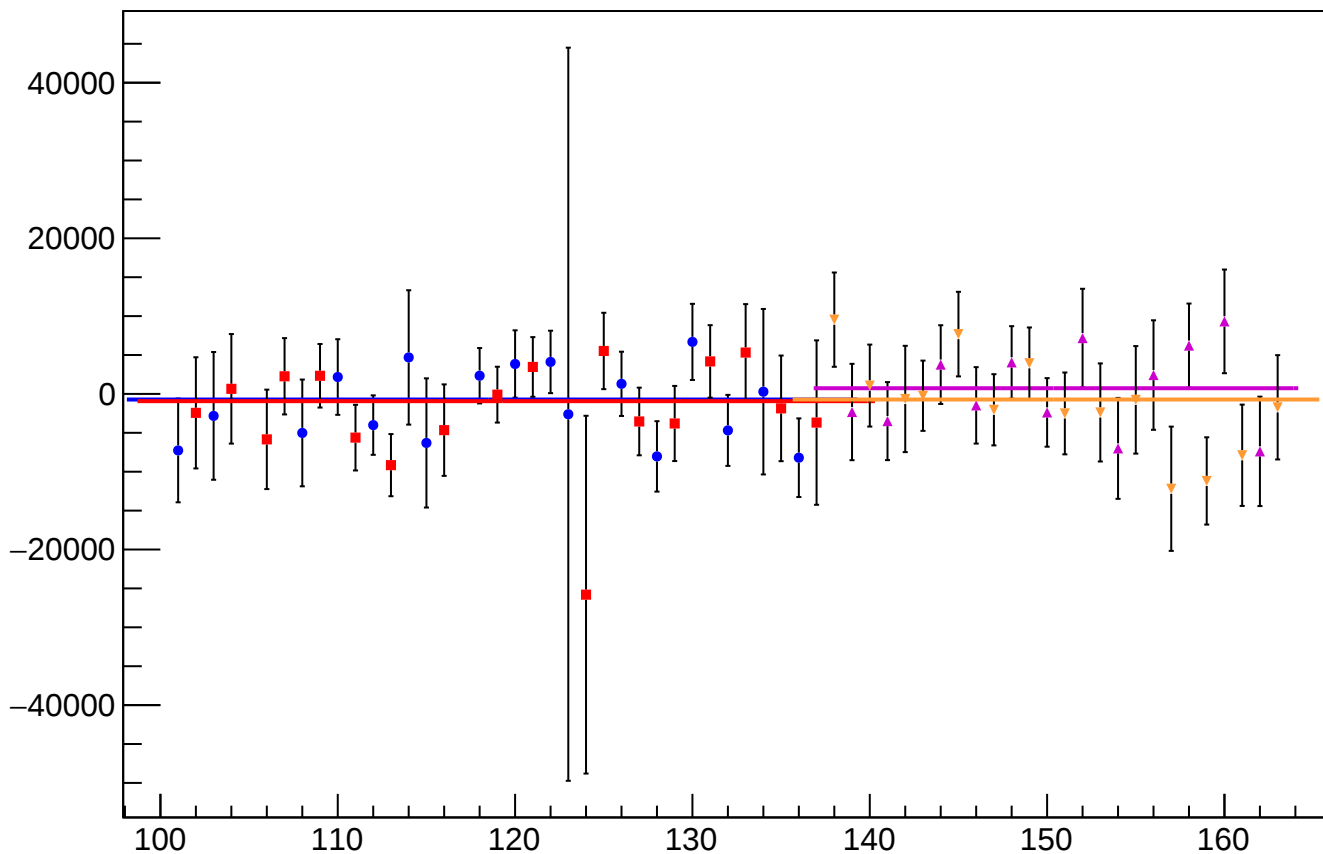
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1976.459 $\pm$ 0.458 χ^2 /NDF: 14337583.0/28

Out: 119.944 $\pm$ 0.078 χ^2 /NDF: 32842747.3/31

All: 172.843 $\pm$ 0.077 χ^2 /NDF: 63136222.4/60

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -720.252+/-1510.627 χ^2/NDF :13.5/13

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

Left In: 731.061+/-1601.556 χ^2/NDF :9.1/11

Left: -36.963+/-1098.915 χ^2/NDF : 23.0/25

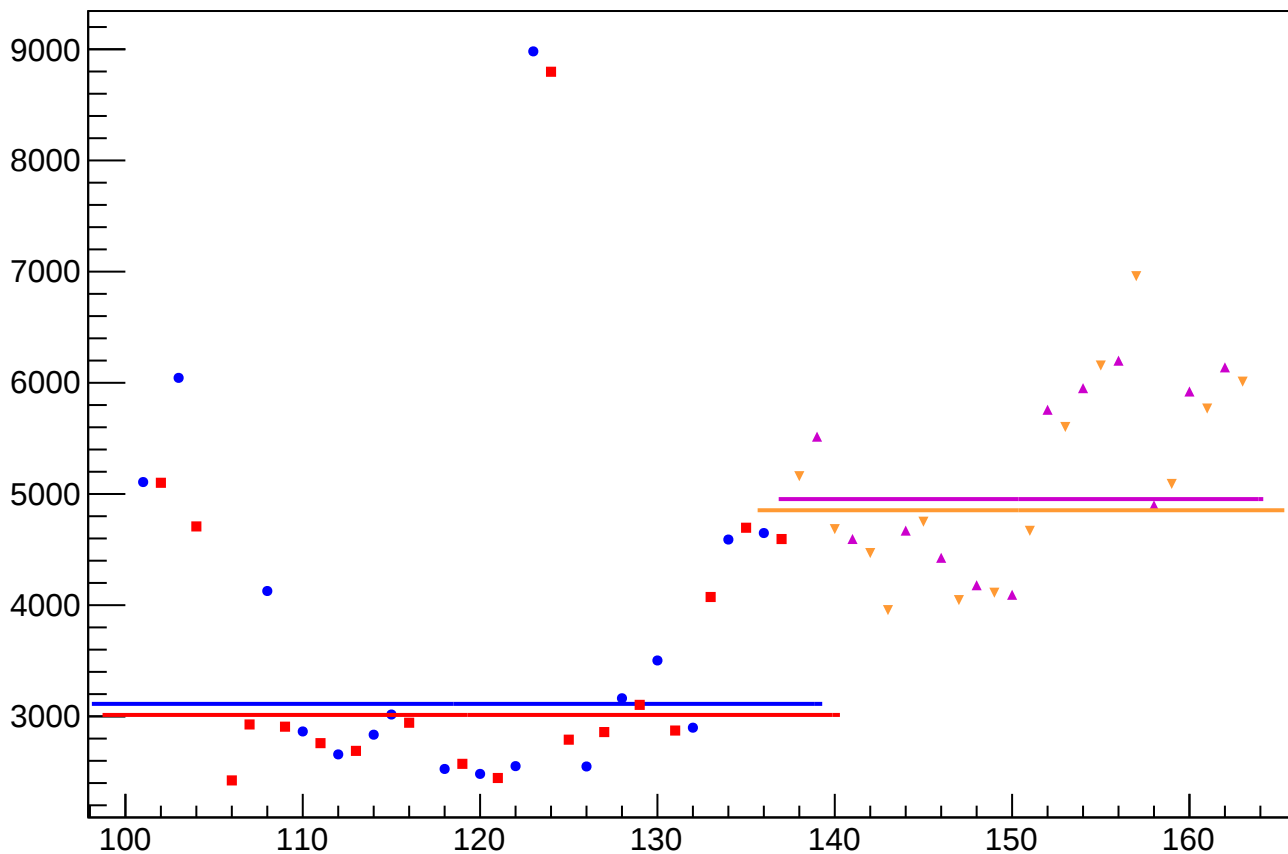
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -170.231+/-986.626 χ^2/NDF :24.3/28

Out: -850.364+/-936.949 χ^2/NDF :28.4/31

All: -527.851+/-679.406 χ^2/NDF : 52.9/60

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 ± 0.886 $\chi^2/\text{NDF}: 958497.7/16$

Left Out: 4853.695 ± 1.068 $\chi^2/\text{NDF}: 551144.0/13$

Right Out: 3012.763 ± 0.834 $\chi^2/\text{NDF}: 774261.7/17$

Left In: 4954.165 ± 1.132 $\chi^2/\text{NDF}: 429069.4/11$

Left: 4900.997 ± 0.777 $\chi^2/\text{NDF}: 984378.6/25$

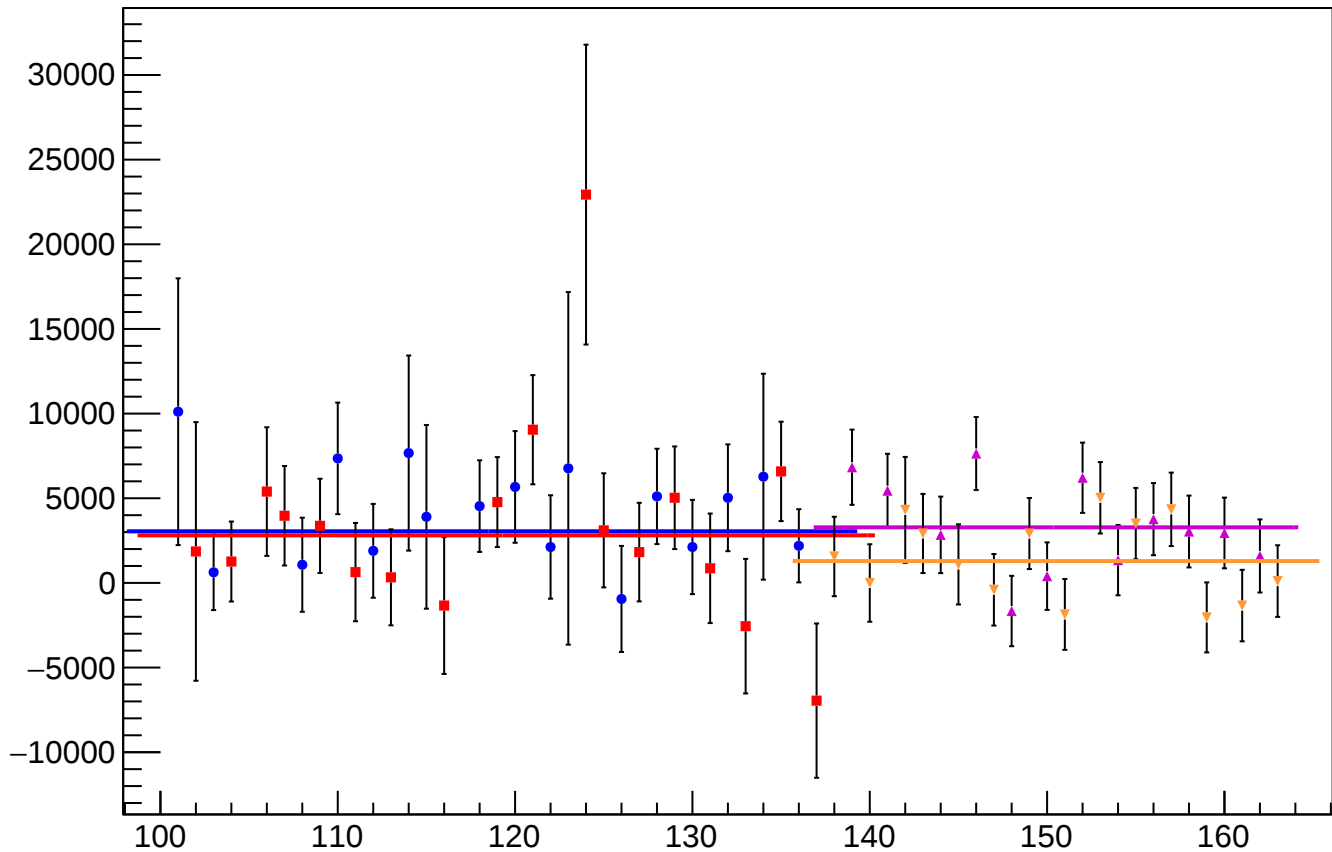
Right: 3059.514 ± 0.607 $\chi^2/\text{NDF}: 1739444.6/34$

In: 3811.256 ± 0.698 $\chi^2/\text{NDF}: 3029031.5/28$

Out: 3710.011 ± 0.657 $\chi^2/\text{NDF}: 3170672.9/31$

All: 3757.627 ± 0.478 $\chi^2/\text{NDF}: 6210860.0/60$

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1289.163 $\pm$ 591.350 χ^2 /NDF:16.0/13

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

Left In: 3282.671 $\pm$ 613.253 χ^2 /NDF:19.0/11

Left: 2249.681 $\pm$ 425.680 χ^2 /NDF: 40.4/25

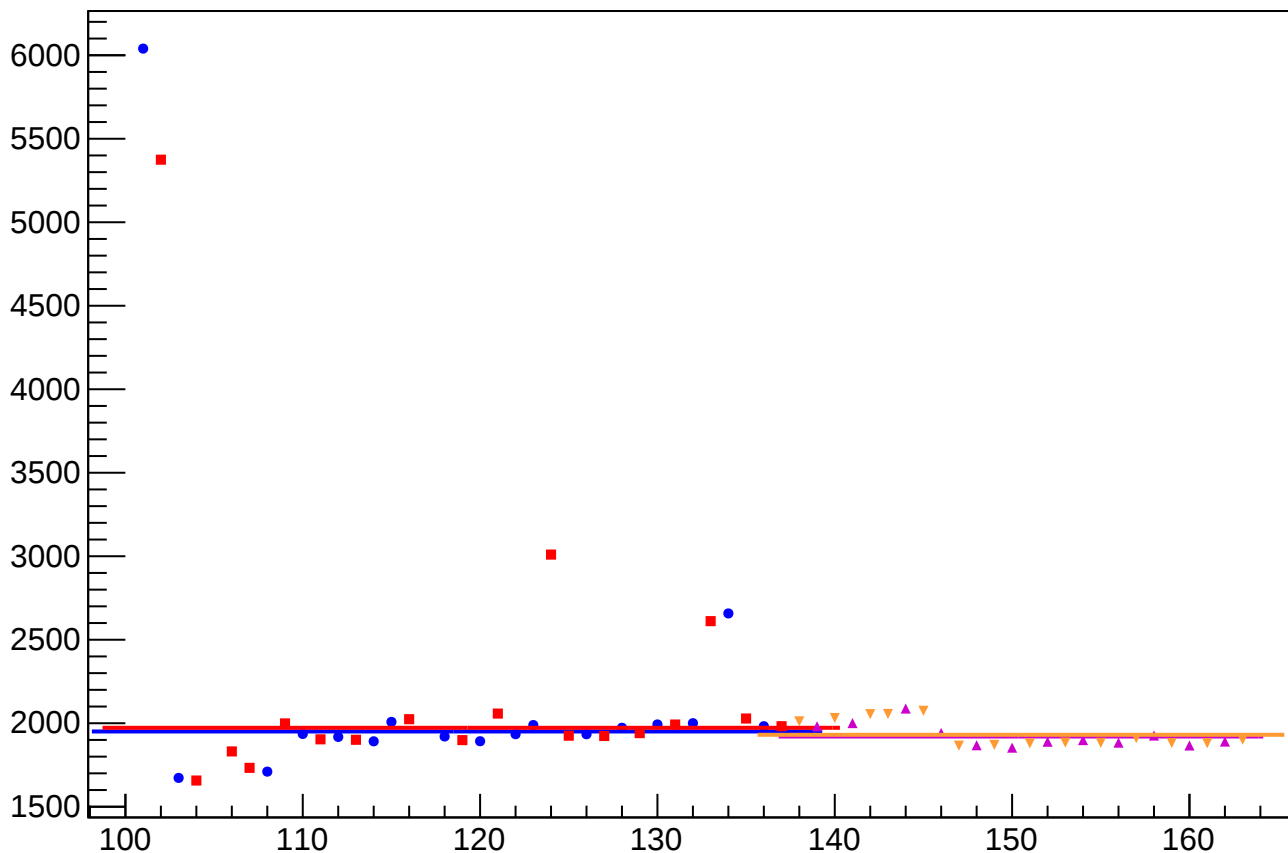
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3192.345 $\pm$ 480.263 χ^2 /NDF:28.3/28

Out: 1856.555 $\pm$ 468.140 χ^2 /NDF:40.4/31

All: 2507.377 $\pm$ 335.229 χ^2 /NDF: 72.7/60

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.766 $\pm$ 0.418 χ^2 /NDF: 32030.2/13

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

Left In: 1920.544 $\pm$ 0.434 χ^2 /NDF: 21920.1/11

Left: 1925.841 $\pm$ 0.301 χ^2 /NDF: 54238.2/25

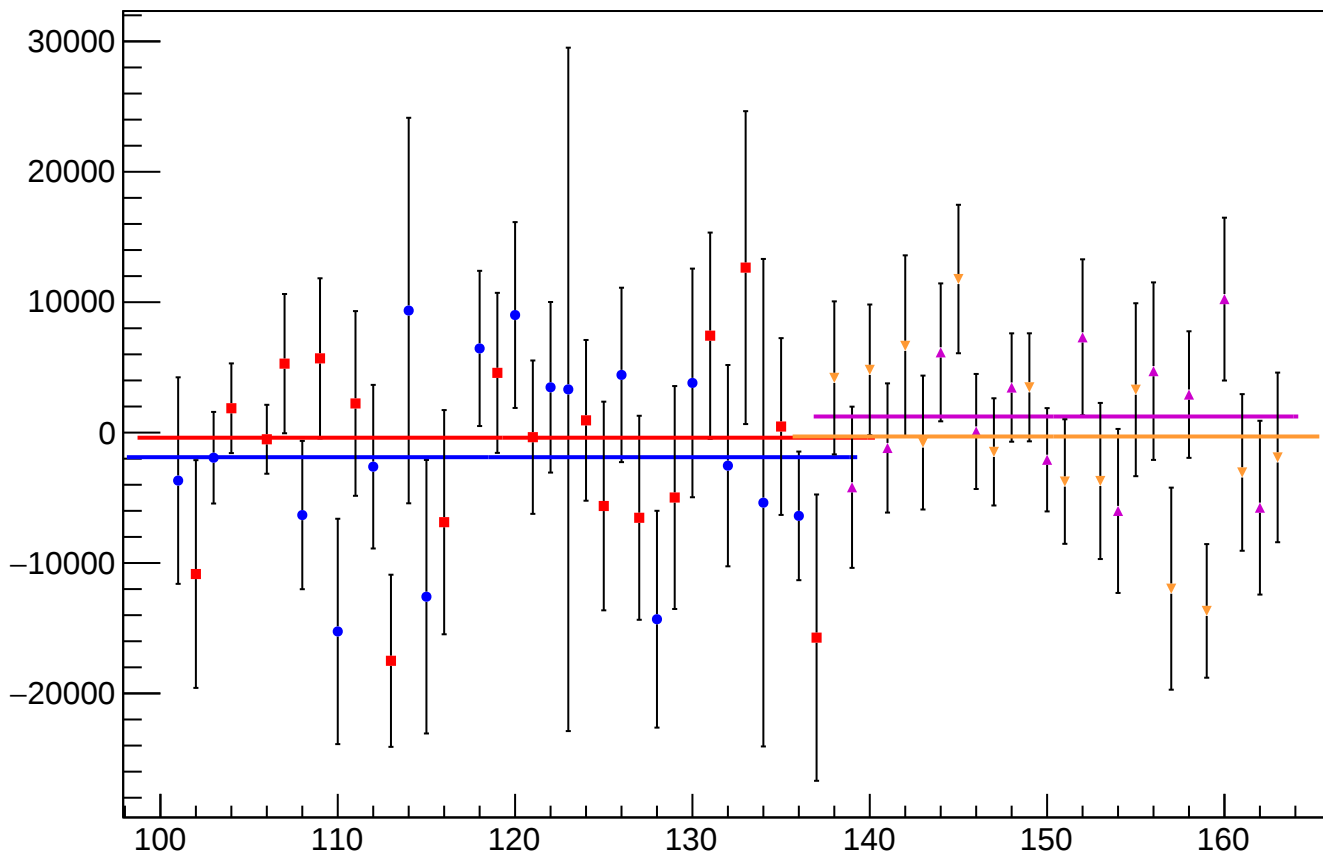
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1932.202 $\pm$ 0.340 χ^2 /NDF: 638954.5/28

Out: 1946.441 $\pm$ 0.331 χ^2 /NDF: 571462.1/31

All: 1939.505 $\pm$ 0.237 χ^2 /NDF: 1211318.3/60

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -298.496+/-1448.608 χ^2/NDF : 18.5/13

Right Out: -391.453+/-1361.685 χ^2/NDF : 17.6/17

Left In: 1234.760+/-1505.570 χ^2/NDF : 8.8/11

Left: 438.579+/-1043.877 χ^2/NDF : 27.9/25

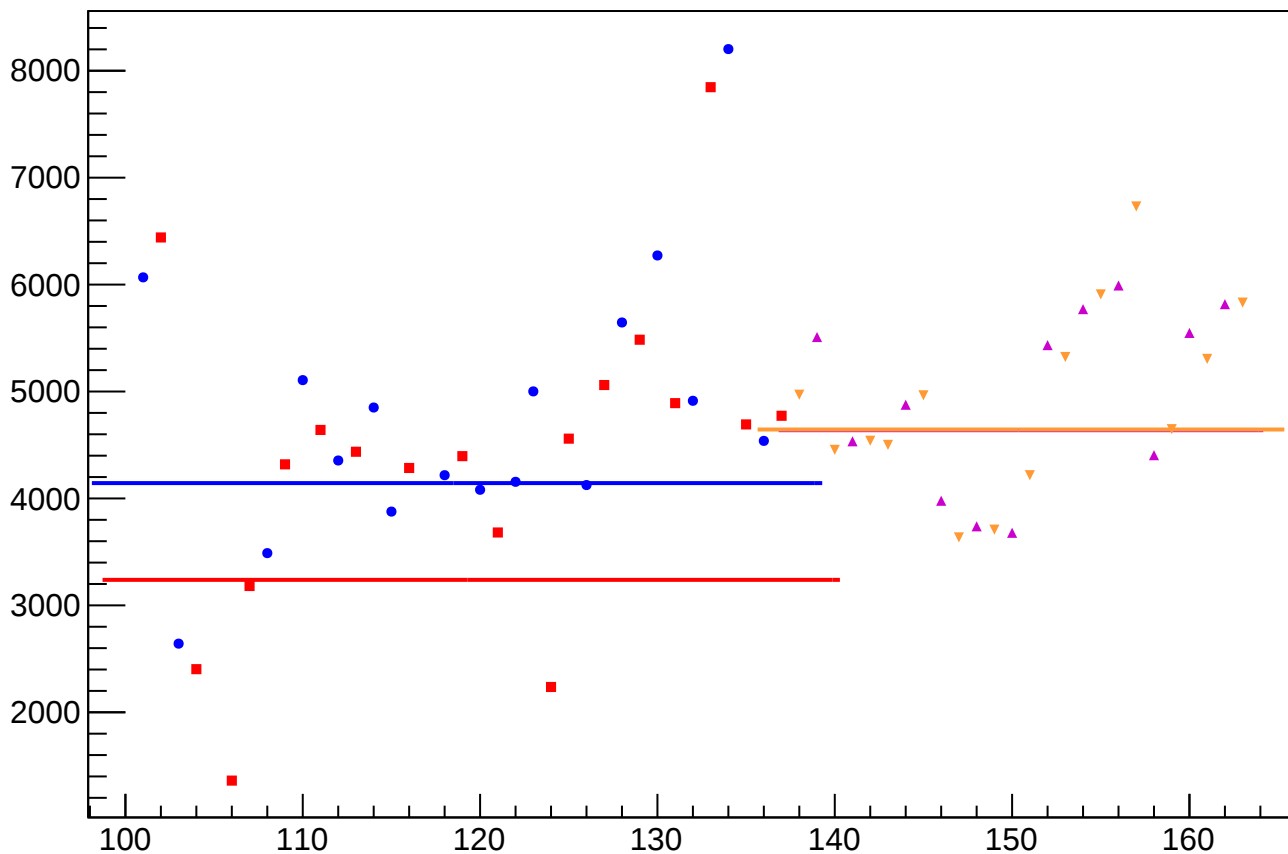
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -175.297+/-1114.595 χ^2/NDF : 24.9/28

Out: -347.847+/-992.164 χ^2/NDF : 36.1/31

All: -271.566+/-741.086 χ^2/NDF : 61.0/60

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4644.704+/-1.024 χ^2/NDF : 590259.7/13

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

Left In: 4638.263+/-1.065 χ^2/NDF : 589361.7/11

Left: 4641.608+/-0.738 χ^2/NDF : 1179640.4/25

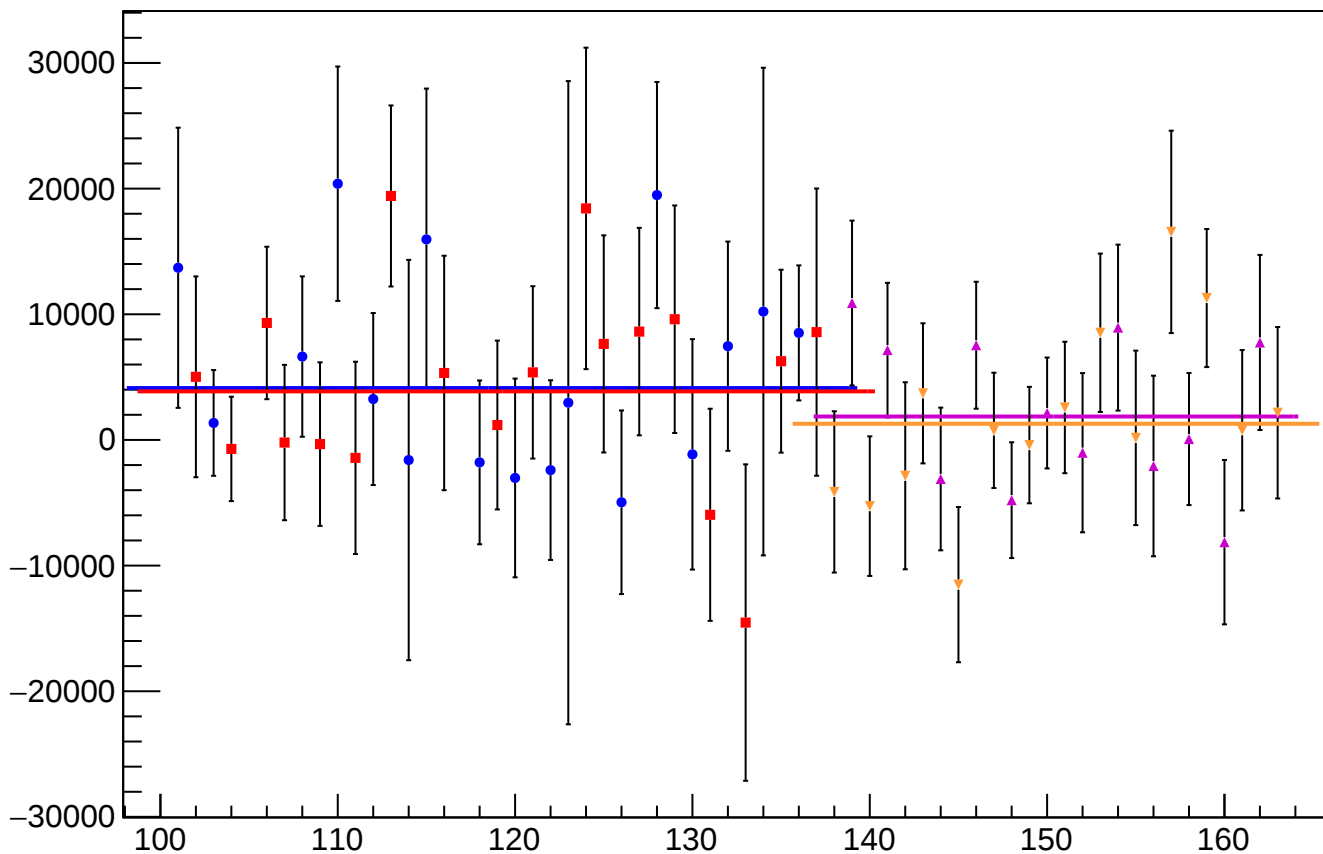
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4414.653+/-0.788 χ^2/NDF : 1542953.9/28

Out: 3898.197+/-0.702 χ^2/NDF : 4172639.8/31

All: 4126.513+/-0.524 χ^2/NDF : 5955163.2/60

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: 1284.853+/-1572.862 χ^2/NDF : 15.4/13

Right Out: 3866.479+/-1727.484 χ^2/NDF : 14.3/17

Left In: 1864.484+/-1634.632 χ^2/NDF : 11.8/11

Left: 1563.510+/-1133.390 χ^2/NDF : 27.3/25

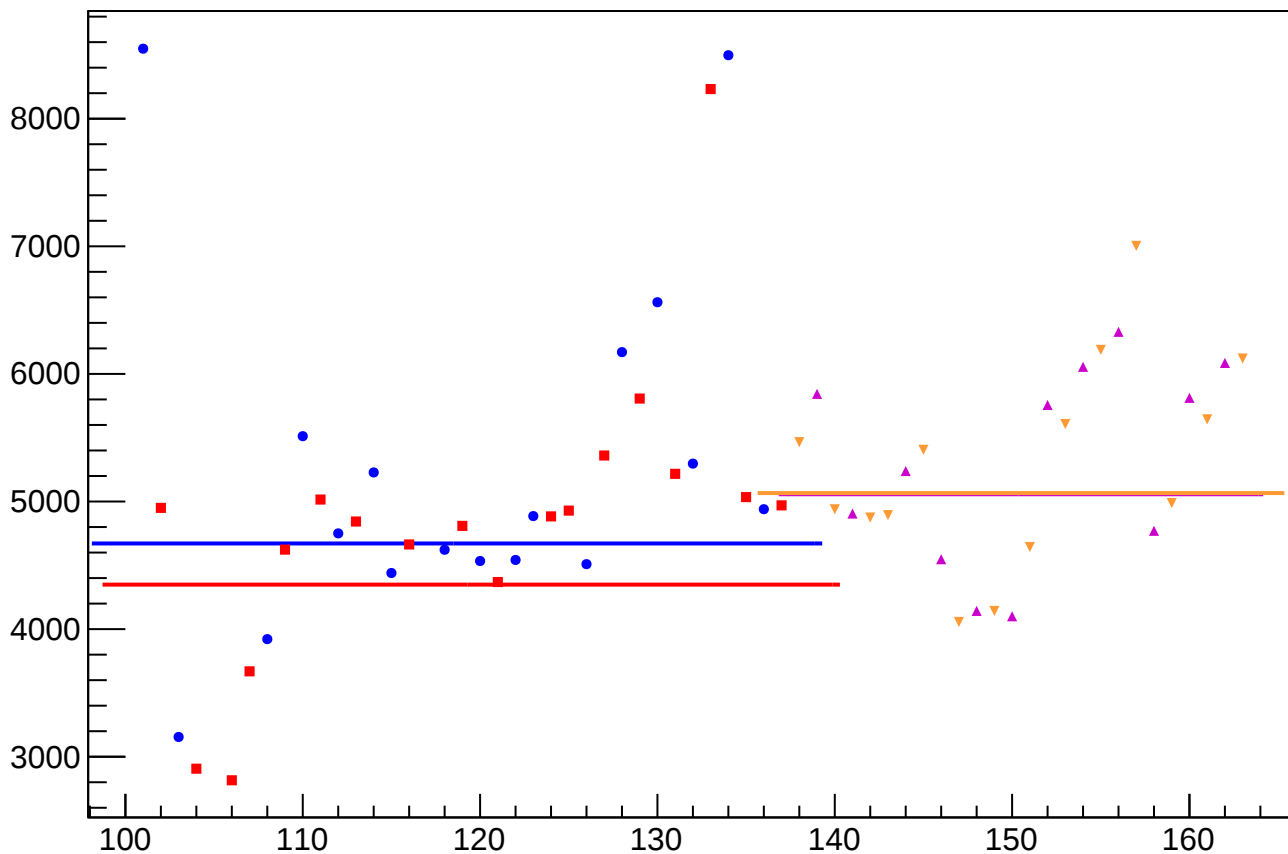
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 2848.447+/-1228.730 χ^2/NDF : 26.3/28

Out: 2454.981+/-1163.012 χ^2/NDF : 30.9/31

All: 2640.911+/-844.651 χ^2/NDF : 57.2/60

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5066.227+/-1.112 χ^2/NDF : 454827.1/13

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 5056.963+/-1.156 χ^2/NDF : 434697.4/11

Left: 5061.773+/-0.801 χ^2/NDF : 889557.9/25

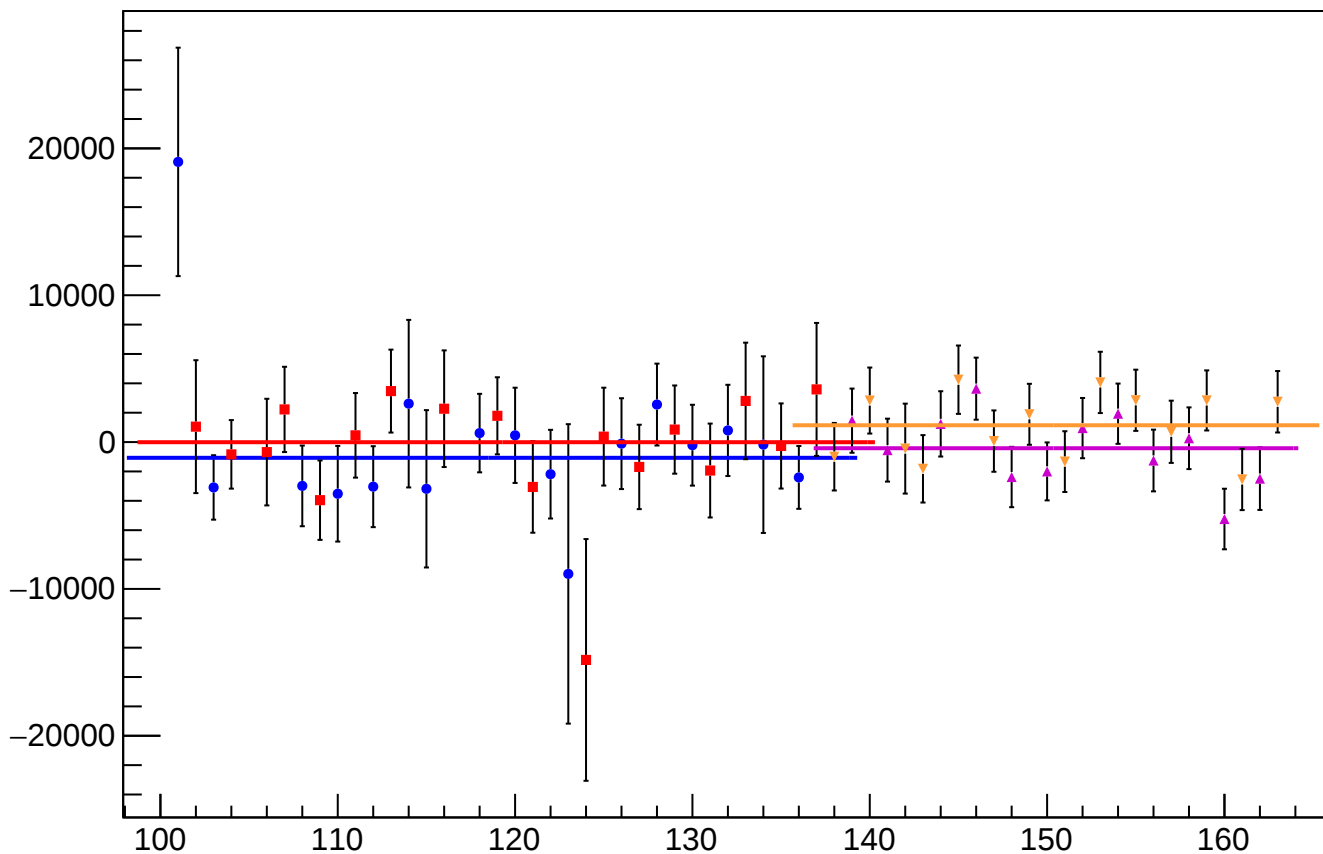
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4889.220+/-0.869 χ^2/NDF : 1269228.9/28

Out: 4738.948+/-0.820 χ^2/NDF : 1437095.8/31

All: 4809.760+/-0.596 χ^2/NDF : 2722142.4/60

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1145.272 $\pm$ 583.018 χ^2/NDF : 14.0/13

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

Left In: -418.855 $\pm$ 605.294 χ^2/NDF : 15.0/11

Left: 392.520 $\pm$ 419.910 χ^2/NDF : 32.5/25

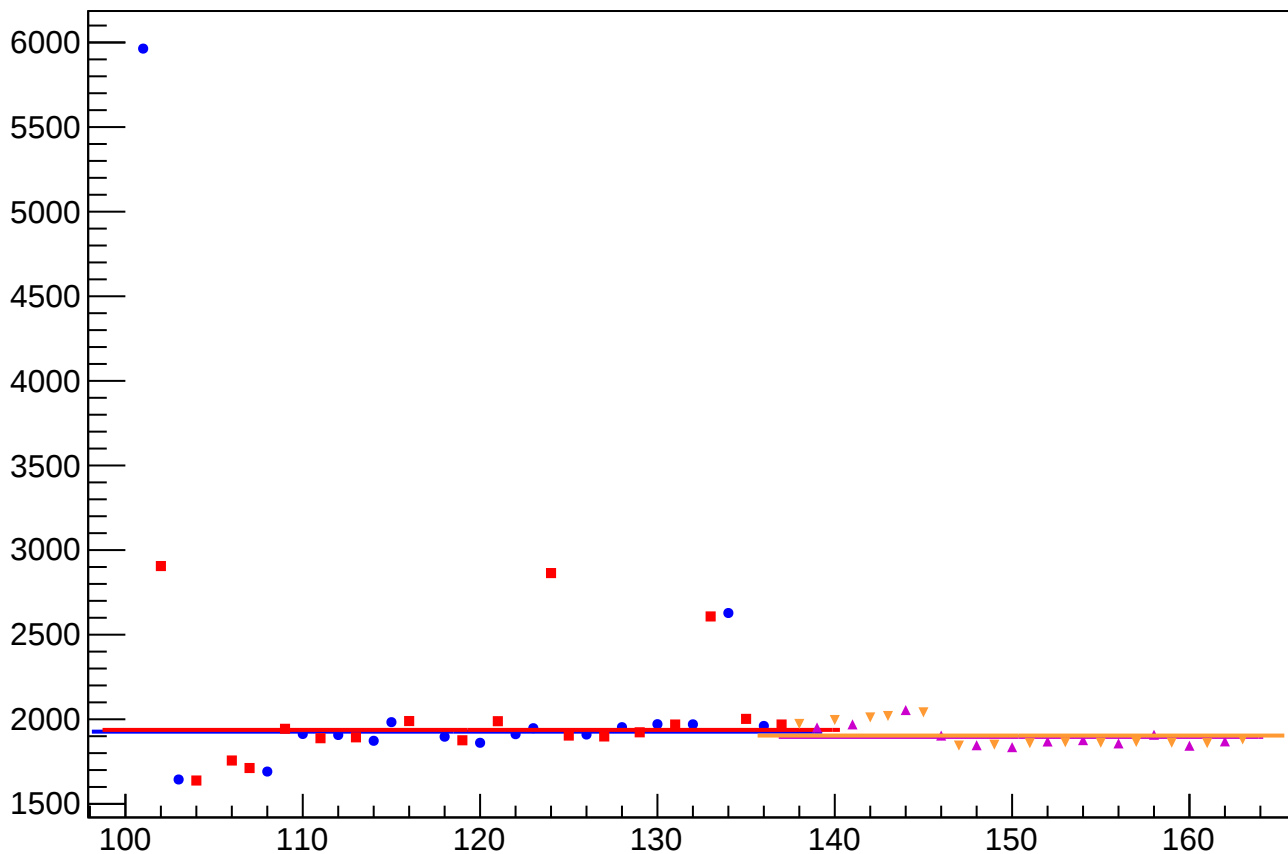
Right: -529.623 $\pm$ 534.164 χ^2/NDF : 26.1/34

In: -670.858 $\pm$ 474.192 χ^2/NDF : 29.1/28

Out: 709.146 $\pm$ 459.858 χ^2/NDF : 26.9/31

All: 40.317 $\pm$ 330.120 χ^2/NDF : 60.4/60

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.823+/-0.412 χ^2/NDF : 27731.7/13

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

Left In: 1895.807+/-0.428 χ^2/NDF : 19786.0/11

Left: 1899.965+/-0.297 χ^2/NDF : 47699.6/25

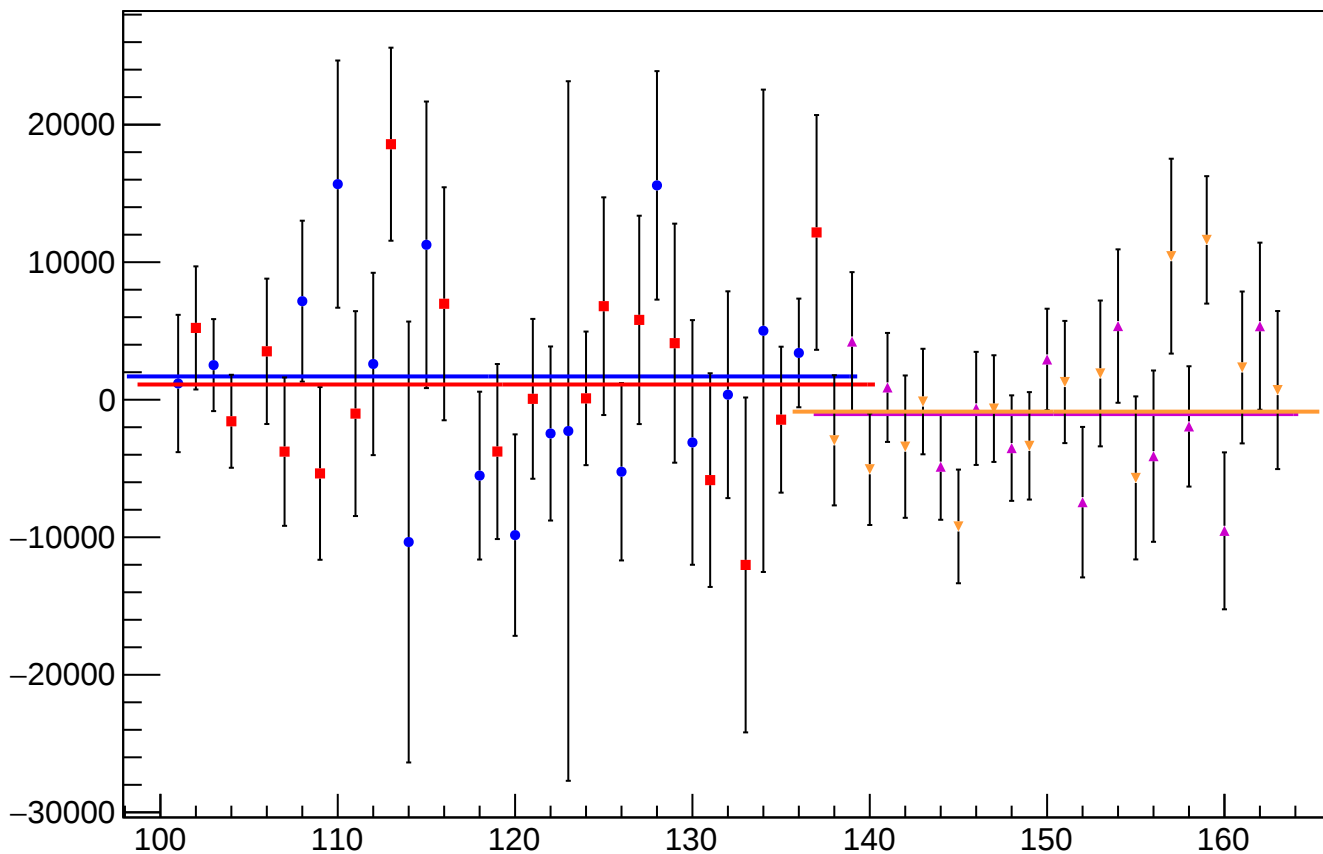
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1907.813+/-0.335 χ^2/NDF : 638939.5/28

Out: 1916.477+/-0.325 χ^2/NDF : 259302.1/31

All: 1912.279+/-0.233 χ^2/NDF : 898585.8/60

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -865.204+/-1244.474 χ^2/NDF : 17.4/13

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: -1044.342+/-1322.227 χ^2/NDF : 10.2/11

Left: -949.351+/-906.217 χ^2/NDF : 27.6/25

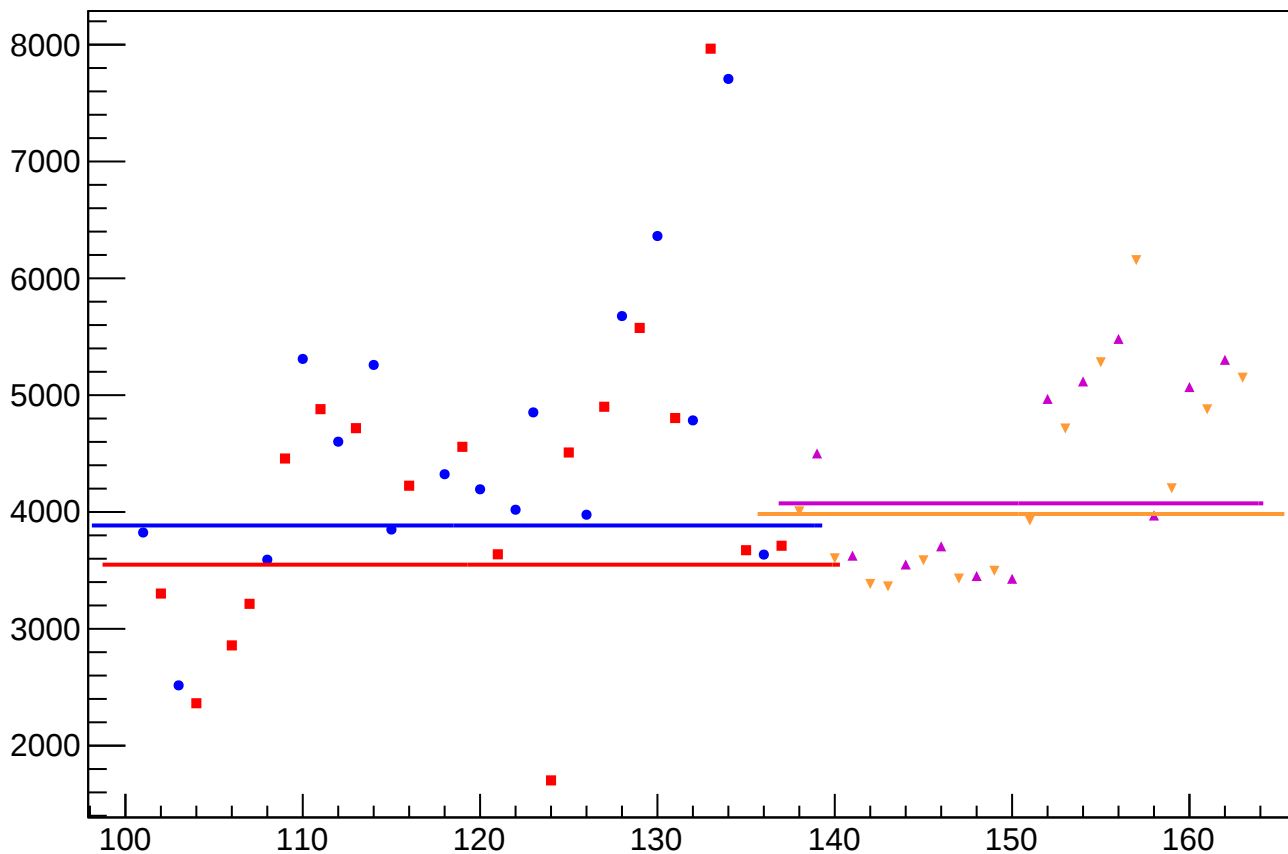
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 107.345+/-1006.472 χ^2/NDF : 25.6/28

Out: -3.059+/-933.817 χ^2/NDF : 34.4/31

All: 48.015+/-684.554 χ^2/NDF : 60.0/60

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3982.763+/-0.880 χ^2/NDF : 648641.0/13

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

Left In: 4073.936+/-0.935 χ^2/NDF : 575707.7/11

Left: 4025.590+/-0.641 χ^2/NDF : 1229391.2/25

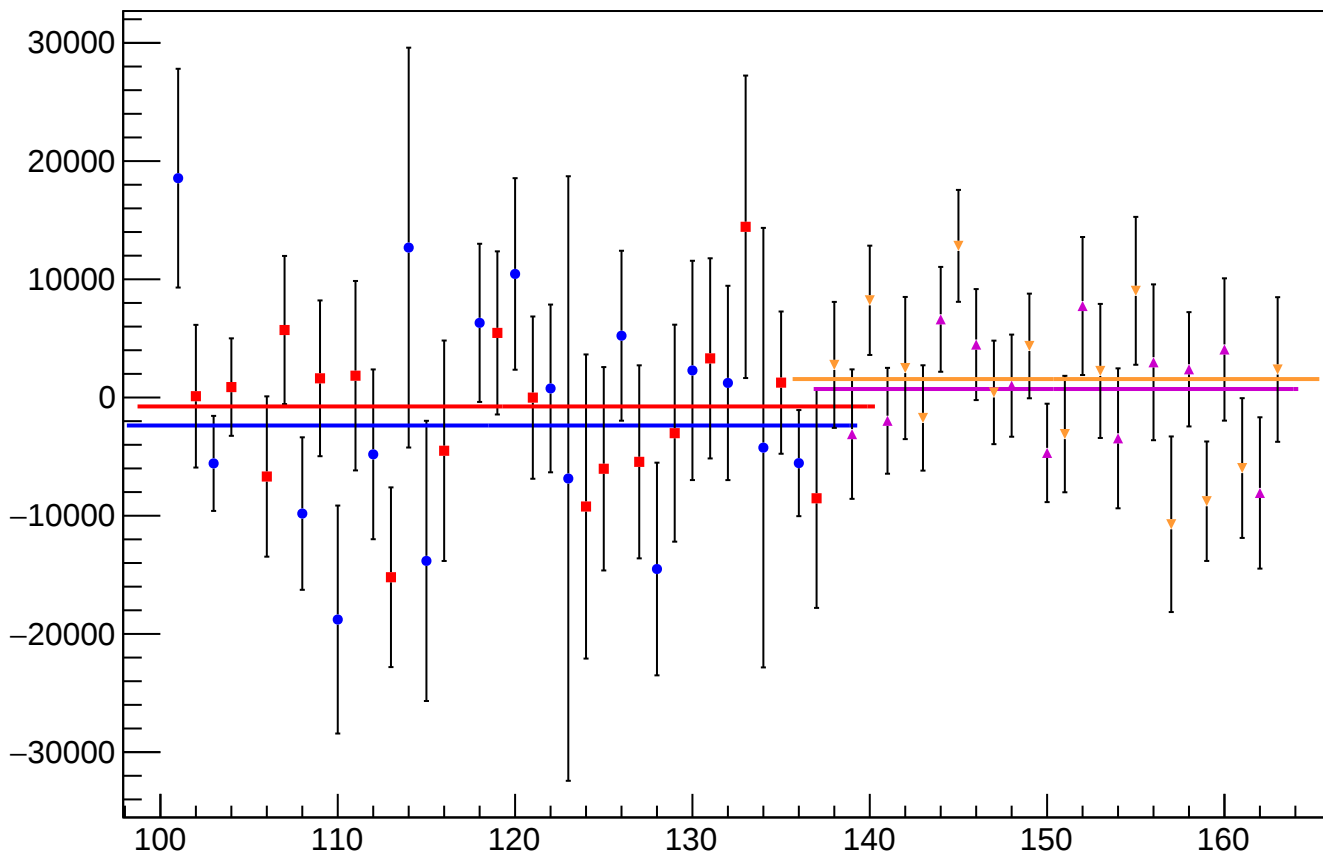
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3994.305+/-0.712 χ^2/NDF : 1419518.9/28

Out: 3793.291+/-0.660 χ^2/NDF : 2081690.3/31

All: 3886.282+/-0.484 χ^2/NDF : 3544081.0/60

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1561.300+/-1388.992 χ^2/NDF :19.7/13

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: 719.576+/-1464.273 χ^2/NDF :9.3/11

Left: 1162.631+/-1007.729 χ^2/NDF : 29.2/25

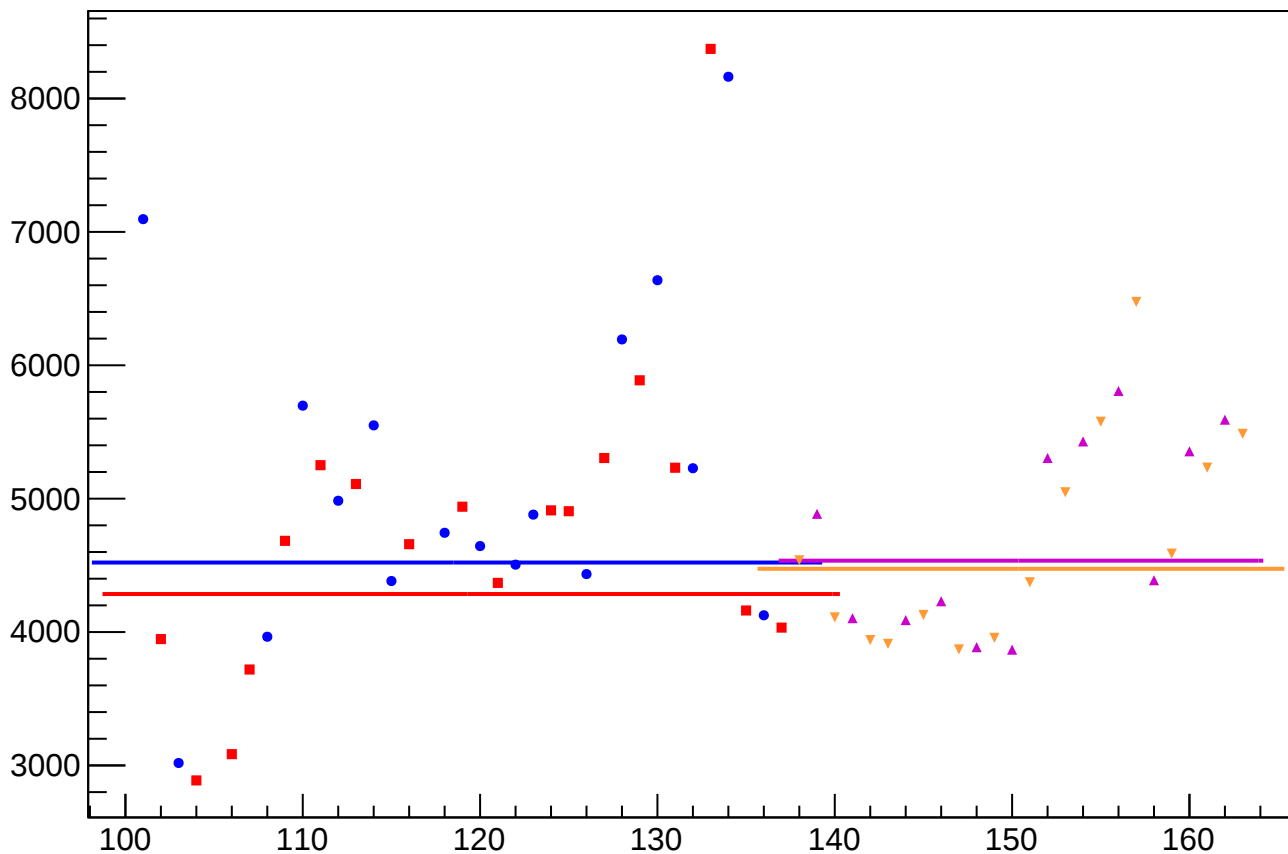
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -508.199+/-1136.383 χ^2/NDF :31.2/28

Out: 629.192+/-1073.861 χ^2/NDF :31.3/31

All: 92.645+/-780.502 χ^2/NDF : 63.1/60

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4474.281+/-0.982 χ^2/NDF : 453755.6/13

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

Left In: 4535.238+/-1.035 χ^2/NDF : 400154.1/11

Left: 4503.152+/-0.713 χ^2/NDF : 855734.2/25

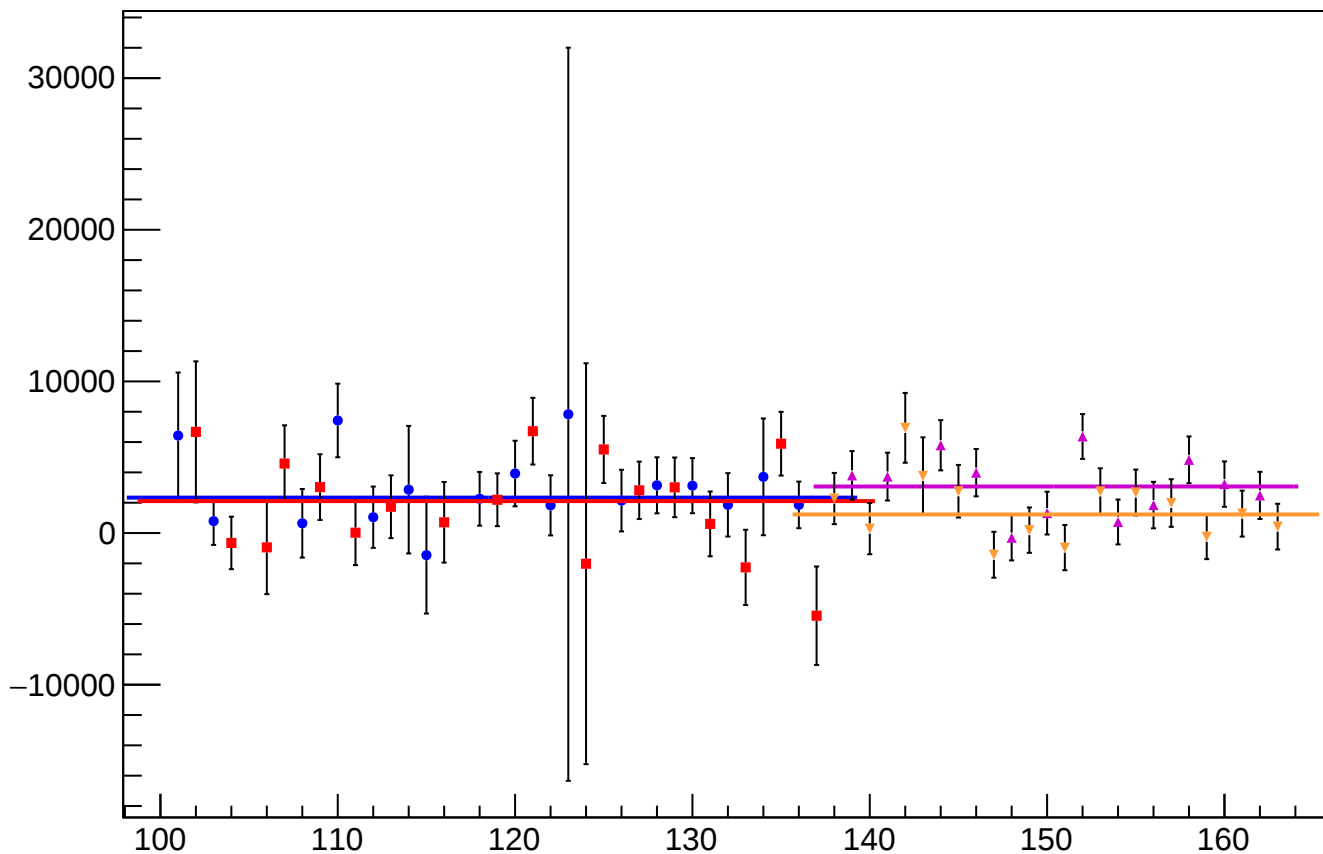
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4529.667+/-0.804 χ^2/NDF : 1178901.9/28

Out: 4397.656+/-0.758 χ^2/NDF : 1215186.2/31

All: 4459.782+/-0.551 χ^2/NDF : 2408376.1/60

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: 1227.363 $\pm$ 433.651 χ^2 /NDF:17.8/13

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

Left In: 3070.107 $\pm$ 441.310 χ^2 /NDF:19.6/11

Left: 2132.606 $\pm$ 309.310 χ^2 /NDF: 46.3/25

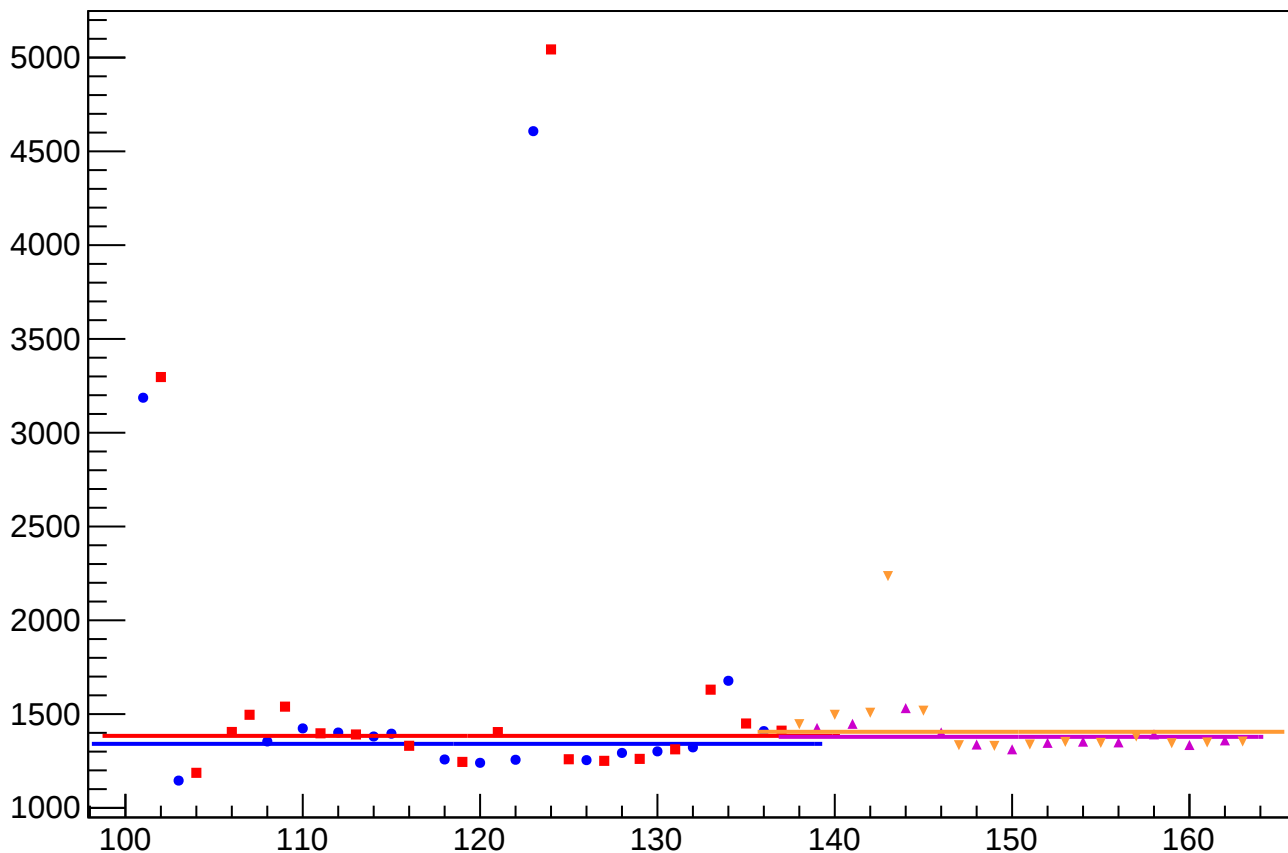
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2770.686 $\pm$ 339.432 χ^2 /NDF:30.4/28

Out: 1572.583 $\pm$ 338.024 χ^2 /NDF:45.7/31

All: 2169.144 $\pm$ 239.515 χ^2 /NDF: 82.4/60

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: 1405.651+/-0.307 χ^2/NDF :259634.2/13

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

Left In: 1378.731+/-0.312 χ^2/NDF :33478.4/11

Left: 1392.427+/-0.219 χ^2/NDF : 296898.7/25

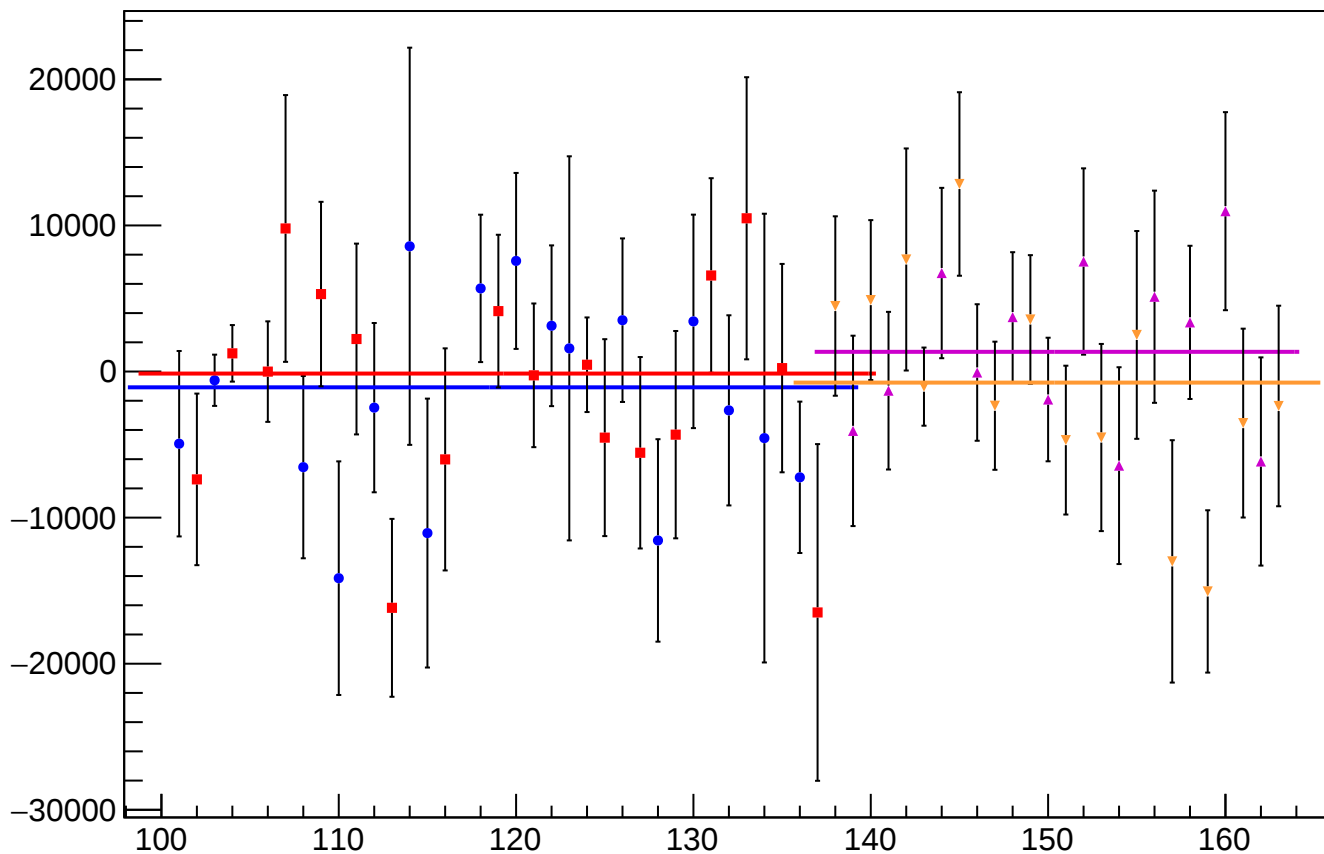
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1363.474+/-0.240 χ^2/NDF :543603.7/28

Out: 1397.118+/-0.239 χ^2/NDF :855453.0/31

All: 1380.369+/-0.169 χ^2/NDF : 1408923.5/60

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040+/-1212.382 χ^2/NDF : 15.0/16

Left Out: -757.651+/-1385.837 χ^2/NDF : 19.0/13

Right Out: -138.838+/-1129.319 χ^2/NDF : 18.0/17

Left In: 1348.697+/-1615.677 χ^2/NDF : 8.6/11

Left: 135.170+/-1051.893 χ^2/NDF : 28.6/25

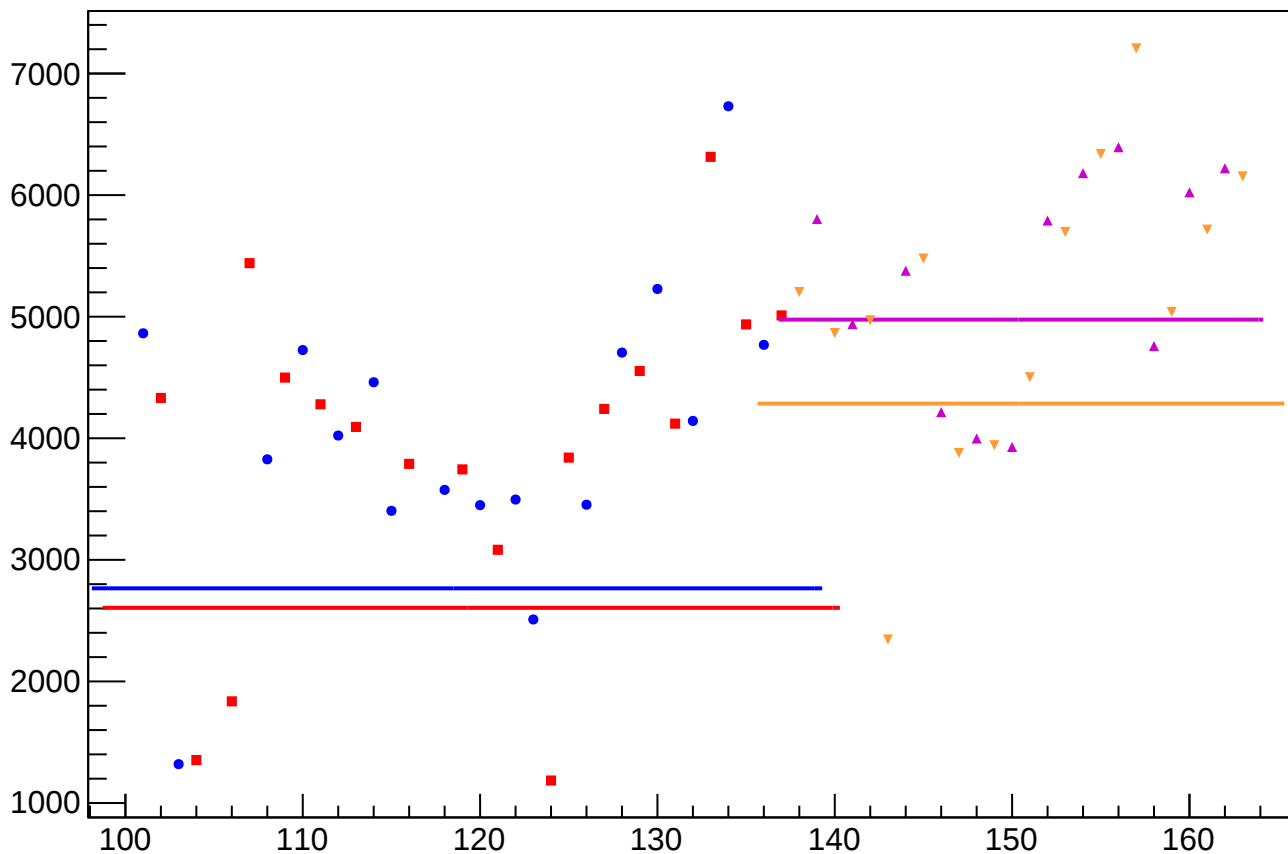
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -205.757+/-969.726 χ^2/NDF : 25.0/28

Out: -385.782+/-875.451 χ^2/NDF : 37.1/31

All: -304.944+/-649.818 χ^2/NDF : 62.2/60

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: 4285.140 $\pm$ 0.980 χ^2 /NDF: 2035694.1/13

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

Left In: 4975.963 $\pm$ 1.142 χ^2 /NDF: 599530.6/11

Left: 4577.961 $\pm$ 0.744 χ^2 /NDF: 2845880.9/25

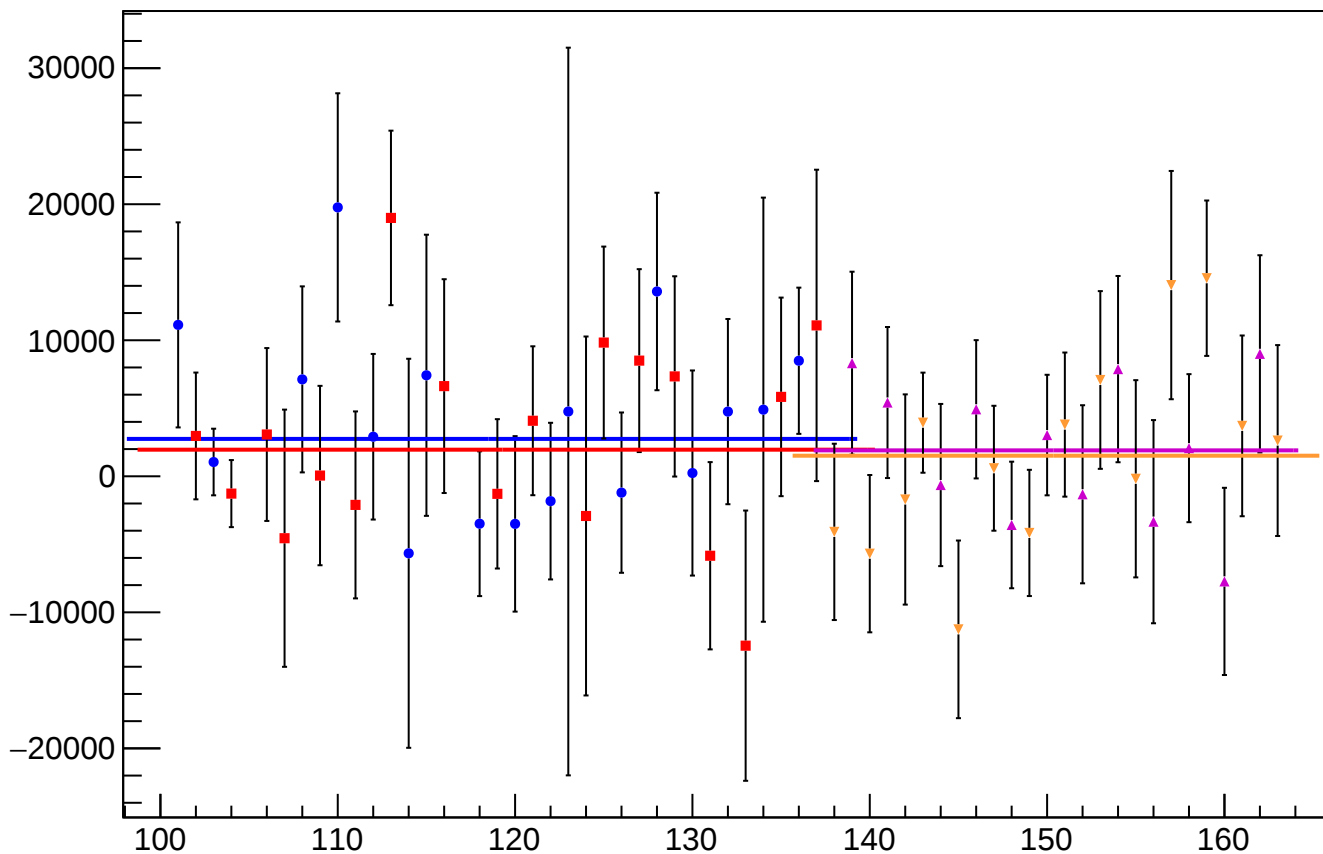
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3561.943 $\pm$ 0.686 χ^2 /NDF: 5933106.9/28

Out: 3275.796 $\pm$ 0.619 χ^2 /NDF: 7123475.2/31

All: 3404.287 $\pm$ 0.459 χ^2 /NDF: 13152529.3/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1513.467+/-1529.205 χ^2/NDF : 16.8/13

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

Left In: 1906.298+/-1678.127 χ^2/NDF : 7.7/11

Left: 1691.682+/-1130.301 χ^2/NDF : 24.6/25

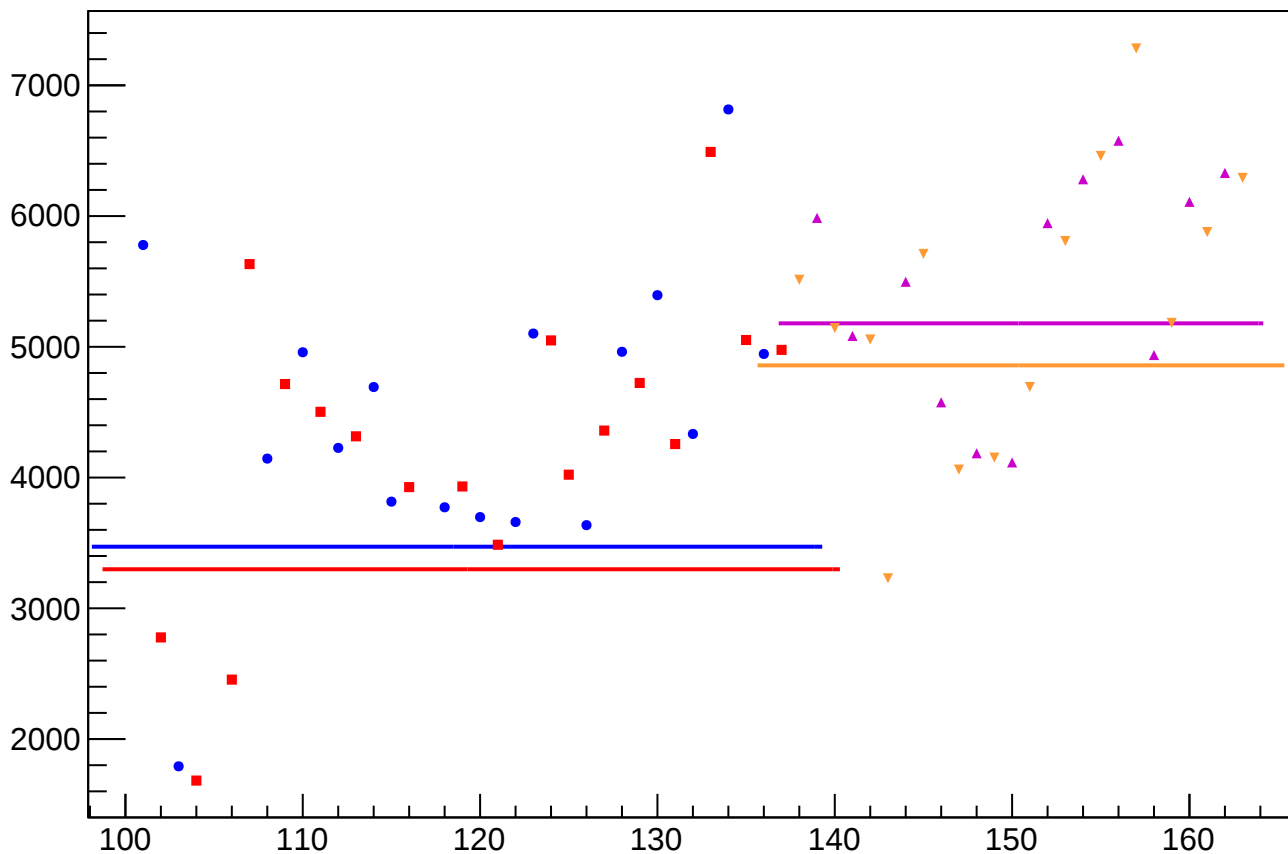
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2389.324+/-1095.706 χ^2/NDF : 21.6/28

Out: 1756.646+/-1026.263 χ^2/NDF : 34.6/31

All: 2052.303+/-749.025 χ^2/NDF : 56.5/60

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: 4858.158+/-1.081 χ^2/NDF : 1005160.0/13

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

Left In: 5179.477+/-1.187 χ^2/NDF : 509920.9/11

Left: 5003.930+/-0.799 χ^2/NDF : 1555140.9/25

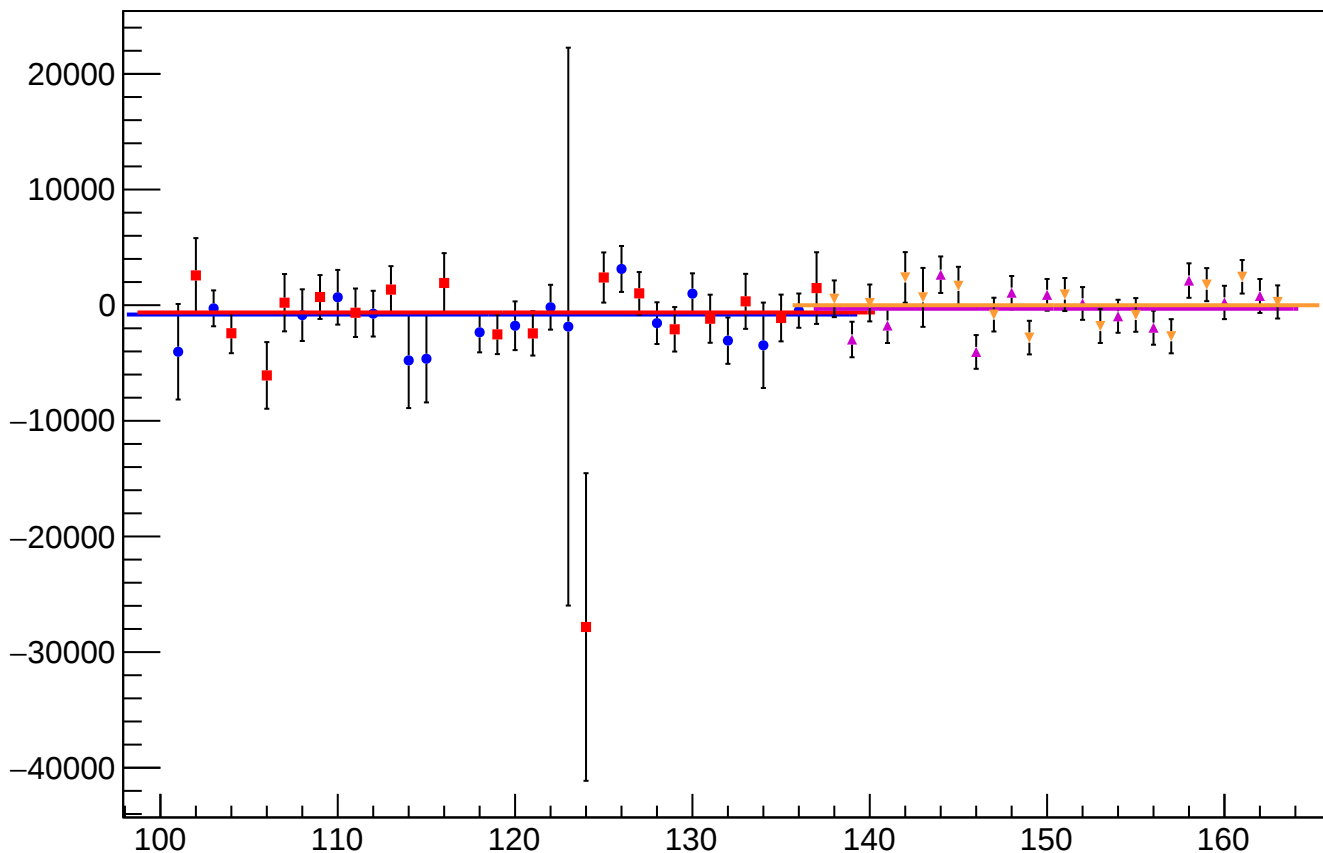
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4199.430+/-0.775 χ^2/NDF : 3466856.3/28

Out: 3993.929+/-0.722 χ^2/NDF : 4043873.4/31

All: 4089.443+/-0.528 χ^2/NDF : 7548383.6/60

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: -5.725+/-415.064 χ^2/NDF :16.5/13

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

Left In: -308.533+/-422.899 χ^2/NDF :20.6/11

Left: -154.298+/-296.226 χ^2/NDF : 37.4/25

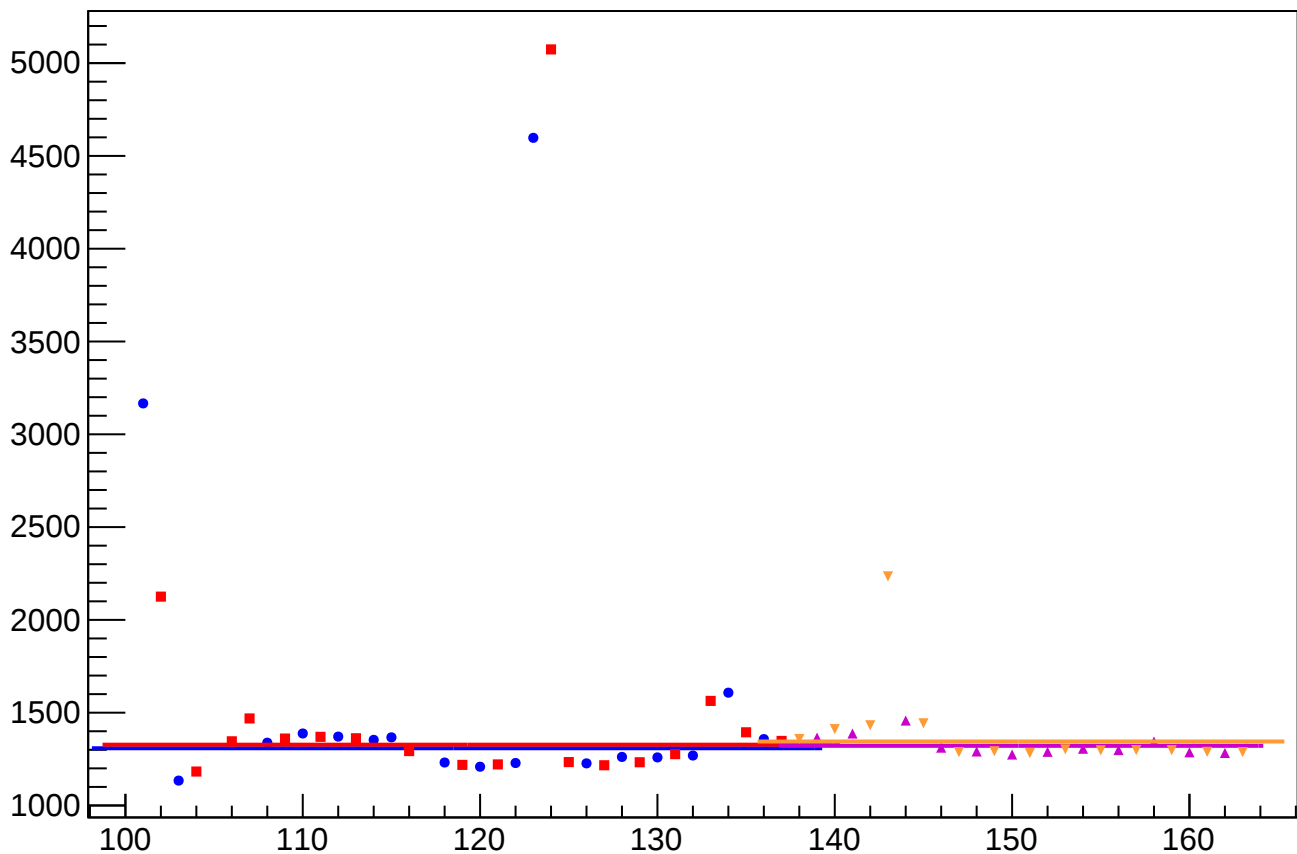
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -508.612+/-327.639 χ^2/NDF :32.3/28

Out: -251.846+/-323.154 χ^2/NDF :36.0/31

All: -378.460+/-230.073 χ^2/NDF : 68.6/60

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1344.749+/-0.293 χ^2/NDF : 281484.9/13

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

Left In: 1321.483+/-0.299 χ^2/NDF : 28519.1/11

Left: 1333.334+/-0.209 χ^2/NDF : 313087.2/25

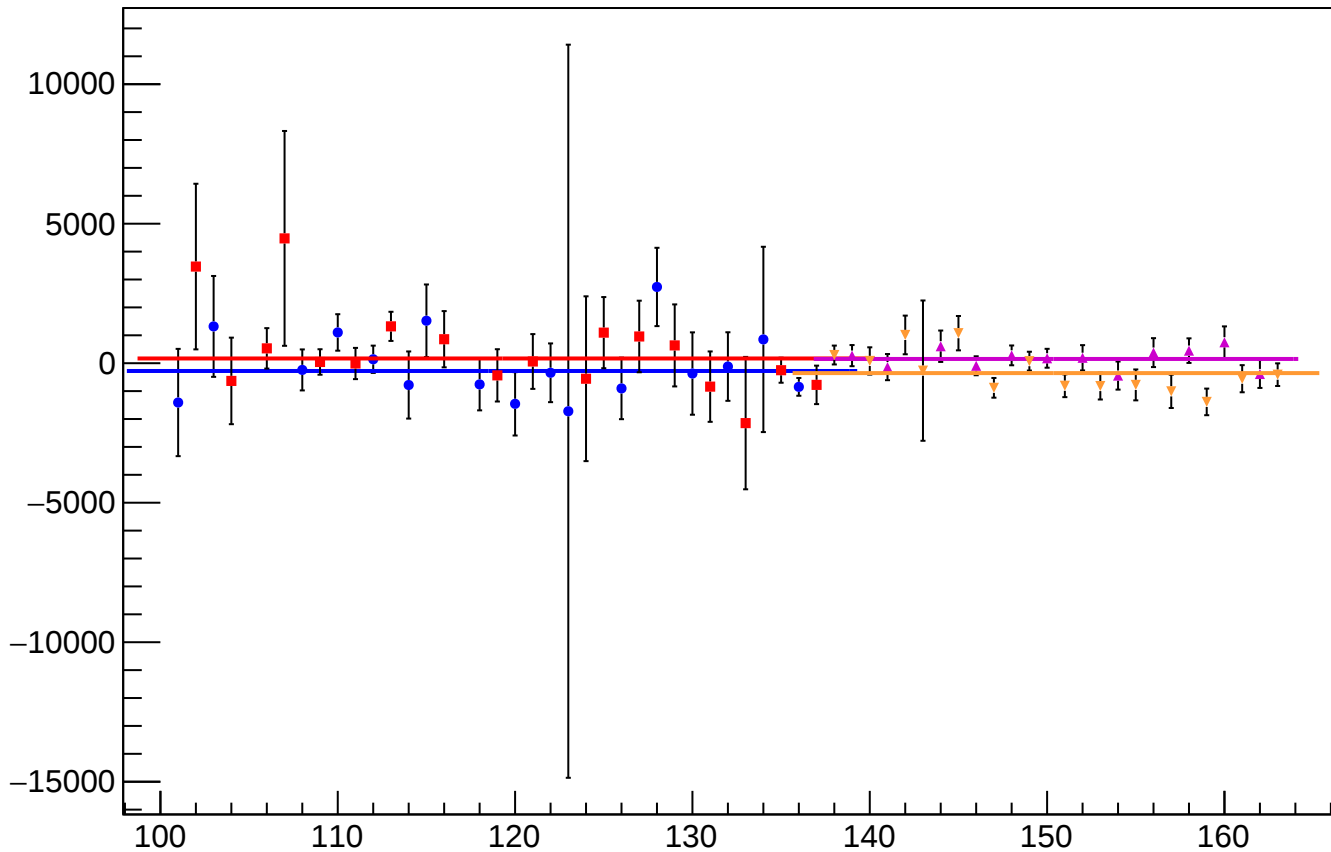
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1316.239+/-0.232 χ^2/NDF : 535833.2/28

Out: 1338.013+/-0.229 χ^2/NDF : 640152.8/31

All: 1327.276+/-0.163 χ^2/NDF : 1180463.5/60

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: -354.507+/-123.387 χ^2/NDF : 26.4/13

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

Left In: 152.274+/-124.230 χ^2/NDF : 6.1/11

Left: -102.842+/-87.545 χ^2/NDF : 40.9/25

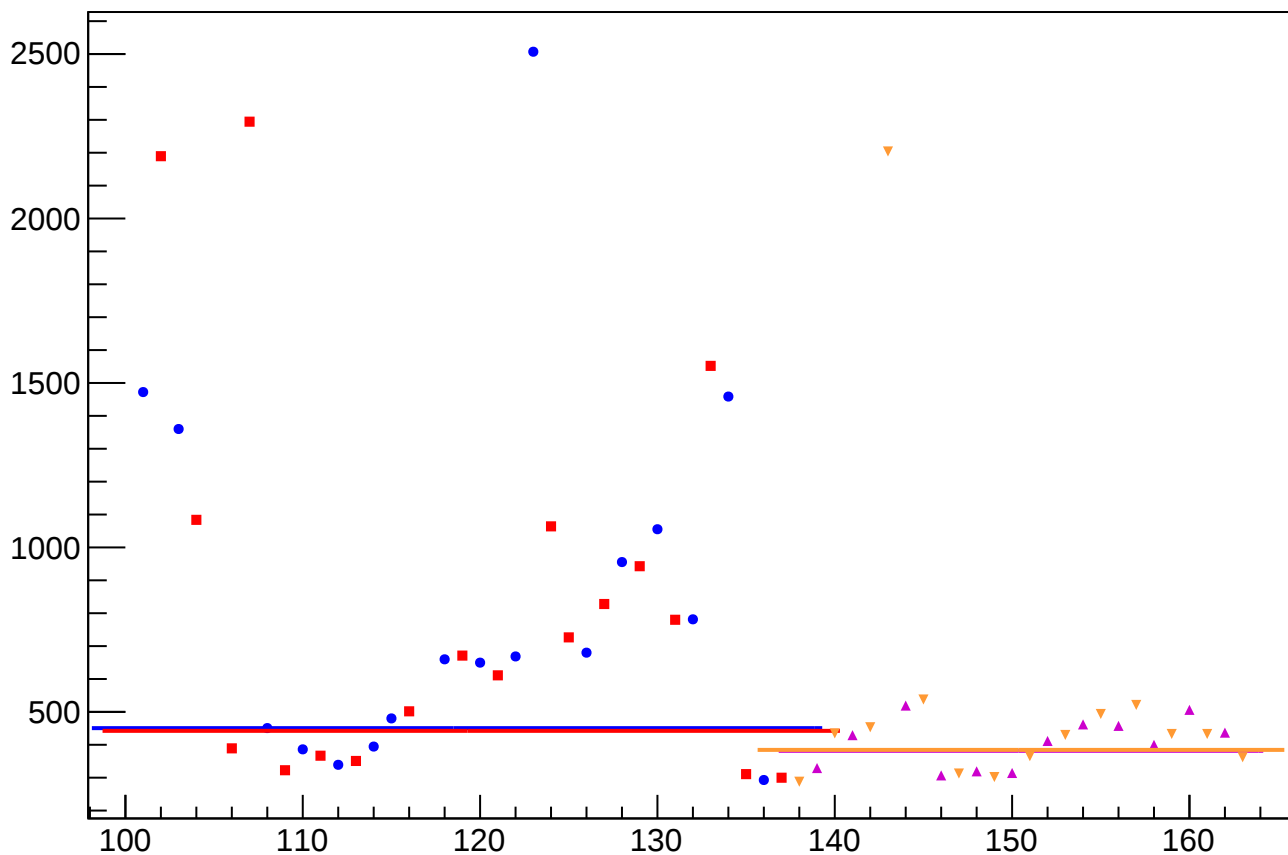
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 30.643+/-105.251 χ^2/NDF : 27.6/28

Out: -201.868+/-103.878 χ^2/NDF : 46.0/31

All: -87.139+/-73.933 χ^2/NDF : 76.1/60

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 384.445 $\pm$ 0.087 χ^2 /NDF: 1829292.5/13

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

Left In: 381.658 $\pm$ 0.088 χ^2 /NDF: 642388.2/11

Left: 383.061 $\pm$ 0.062 χ^2 /NDF: 2472187.7/25

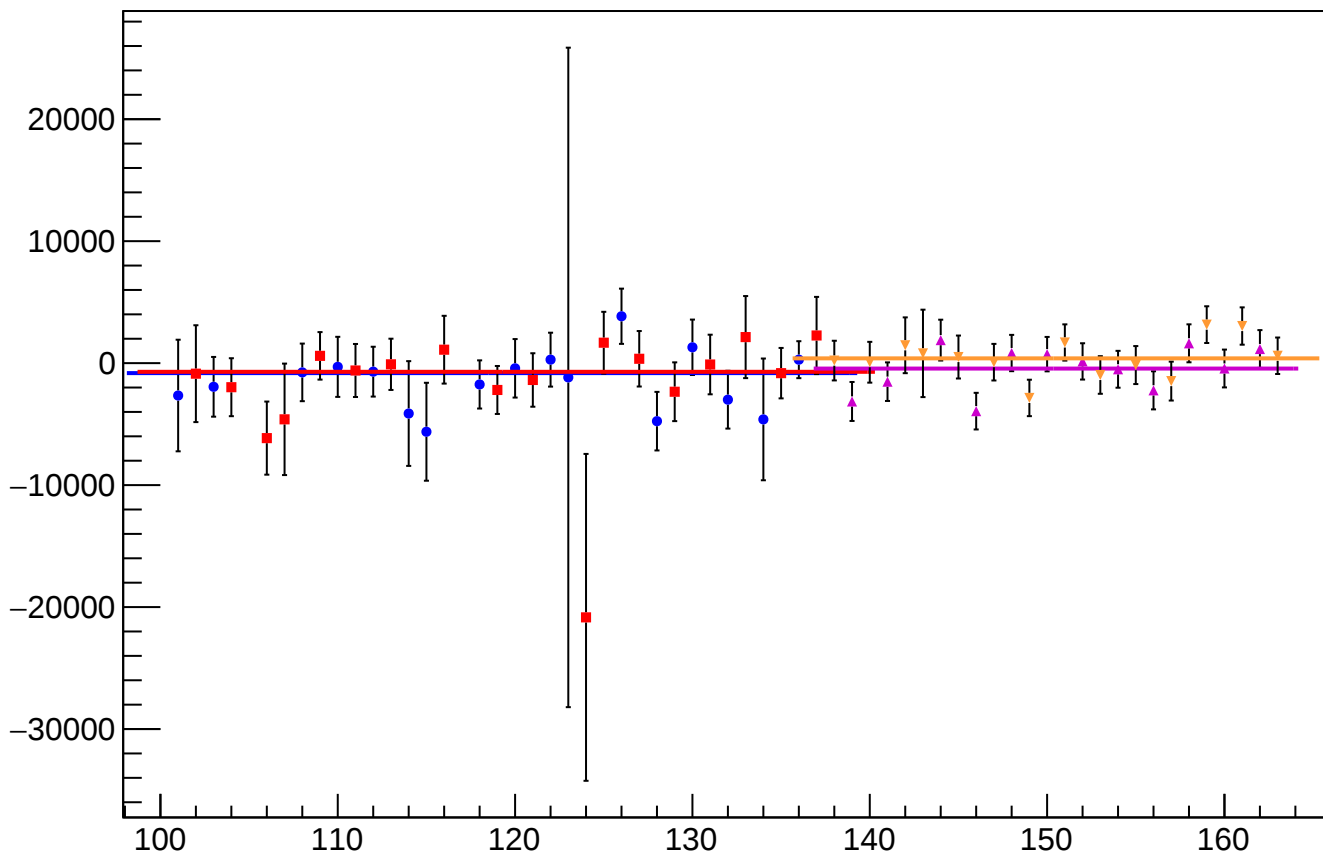
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 401.113 $\pm$ 0.074 χ^2 /NDF: 3813931.2/28

Out: 401.314 $\pm$ 0.073 χ^2 /NDF: 5325977.9/31

All: 401.215 $\pm$ 0.052 χ^2 /NDF: 9139912.8/60

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 391.678+/-437.905 χ^2/NDF : 14.5/13

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

Left In: -445.105+/-443.236 χ^2/NDF : 16.4/11

Left: -21.651+/-311.513 χ^2/NDF : 32.7/25

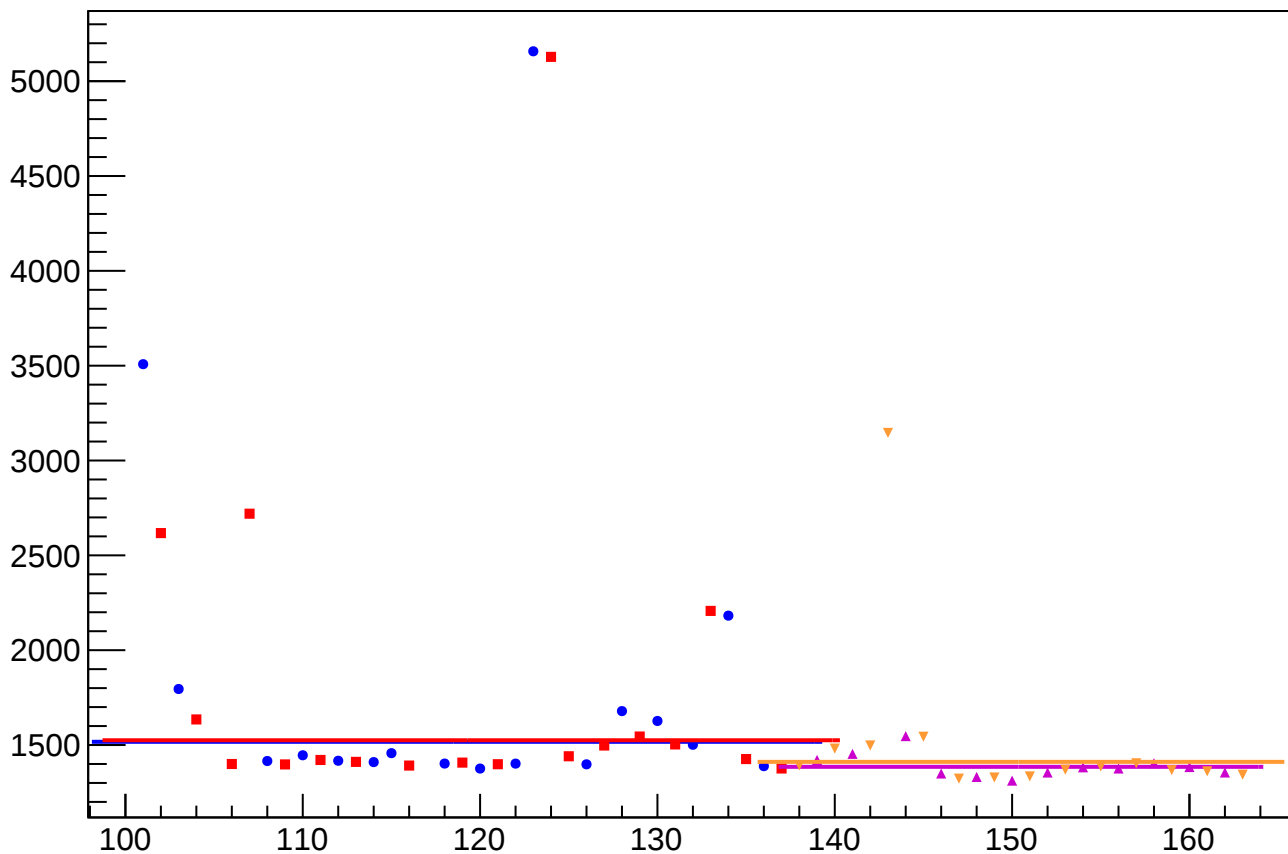
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -576.117+/-356.749 χ^2/NDF : 29.3/28

Out: 5.287+/-352.905 χ^2/NDF : 28.1/31

All: -282.266+/-250.890 χ^2/NDF : 58.8/60

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: 1411.180+/-0.310 χ^2/NDF : 514681.9/13

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

Left In: 1385.015+/-0.313 χ^2/NDF : 34372.4/11

Left: 1398.256+/-0.220 χ^2/NDF : 552581.1/25

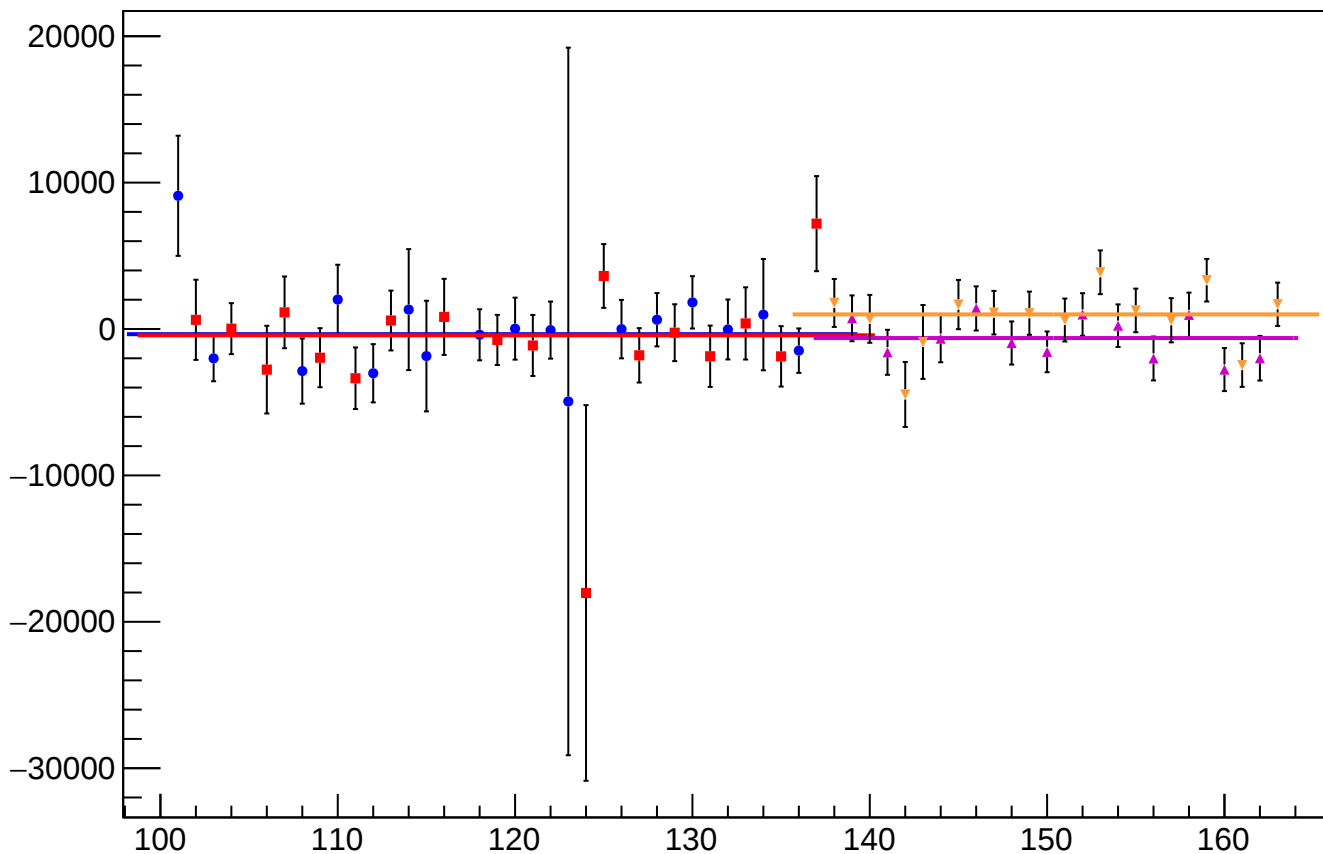
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1431.475+/-0.252 χ^2/NDF : 637806.2/28

Out: 1451.113+/-0.250 χ^2/NDF : 1134057.2/31

All: 1441.400+/-0.177 χ^2/NDF : 1774926.5/60

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 999.982+/-424.322 χ^2/NDF :19.1/13

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

Left In: -617.047+/-432.314 χ^2/NDF :9.9/11

Left: 206.553+/-302.827 χ^2/NDF : 36.2/25

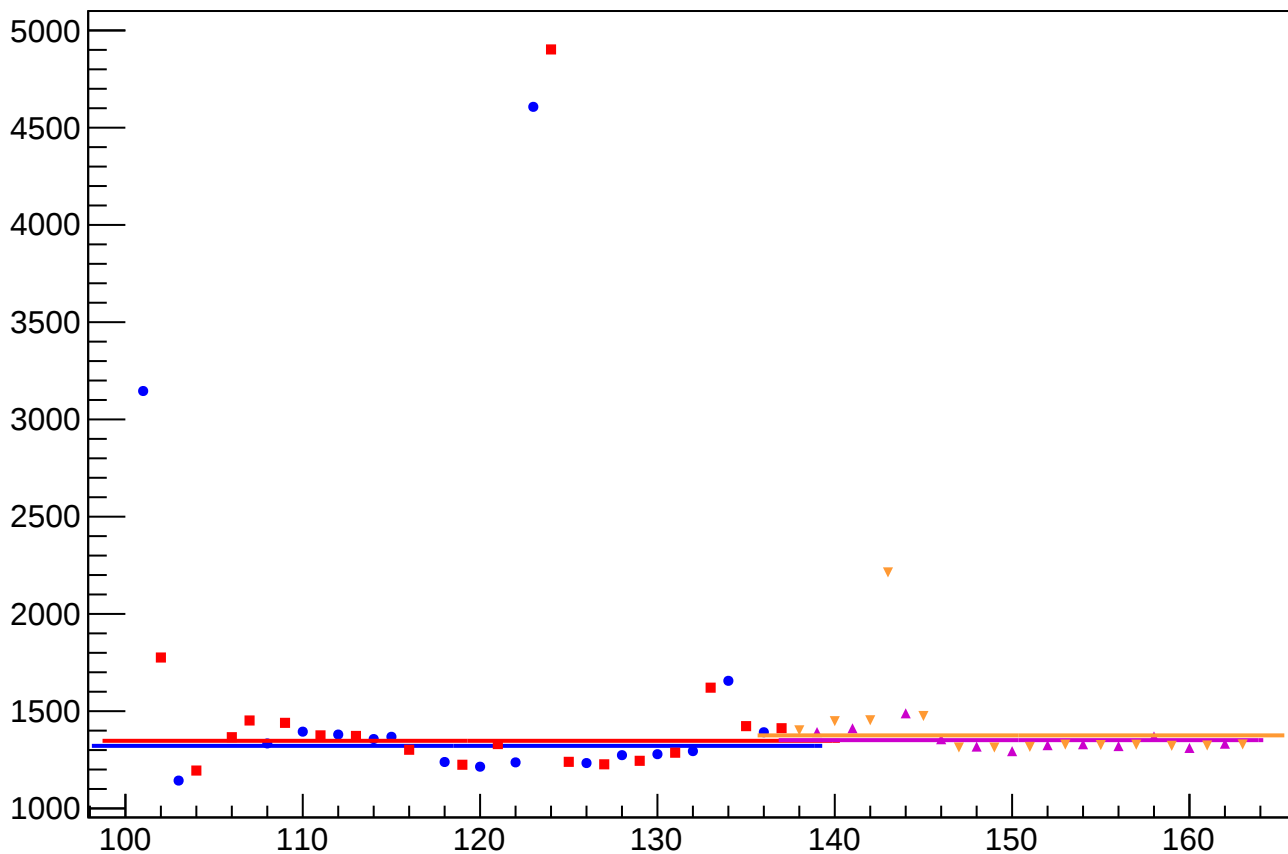
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -509.997+/-333.297 χ^2/NDF :23.5/28

Out: 431.815+/-329.347 χ^2/NDF :40.5/31

All: -33.477+/-234.268 χ^2/NDF : 68.0/60

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: 1375.594 $\pm$ 0.300 χ^2 /NDF: 258133.4/13

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

Left In: 1351.030 $\pm$ 0.306 χ^2 /NDF: 27486.3/11

Left: 1363.541 $\pm$ 0.214 χ^2 /NDF: 288908.5/25

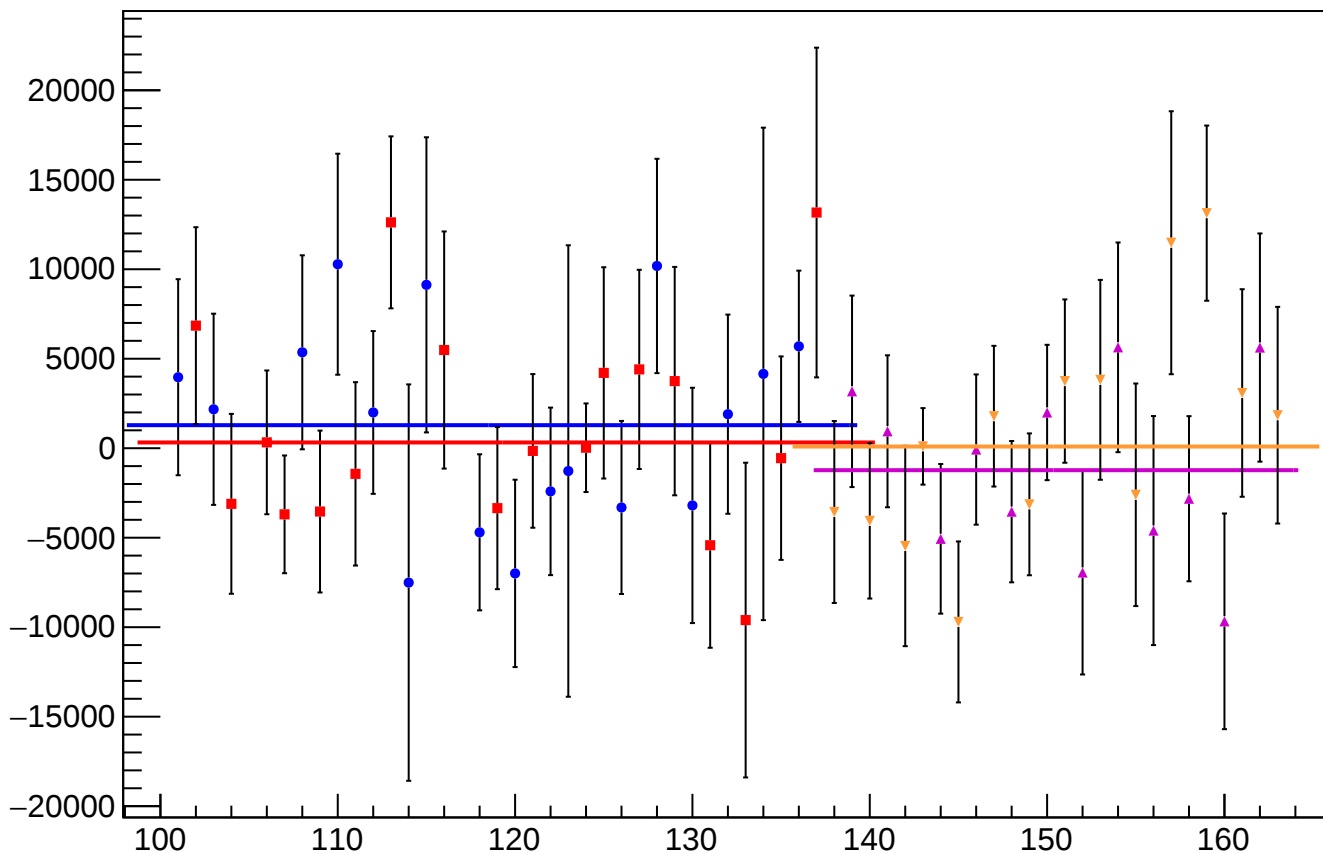
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1339.134 $\pm$ 0.236 χ^2 /NDF: 533465.3/28

Out: 1364.476 $\pm$ 0.233 χ^2 /NDF: 547886.2/31

All: 1351.959 $\pm$ 0.166 χ^2 /NDF: 1087202.9/60

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 93.940+/-1159.695 χ^2/NDF : 19.1/13

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

Left In: -1227.827+/-1384.070 χ^2/NDF : 8.8/11

Left: -451.256+/-888.908 χ^2/NDF : 28.5/25

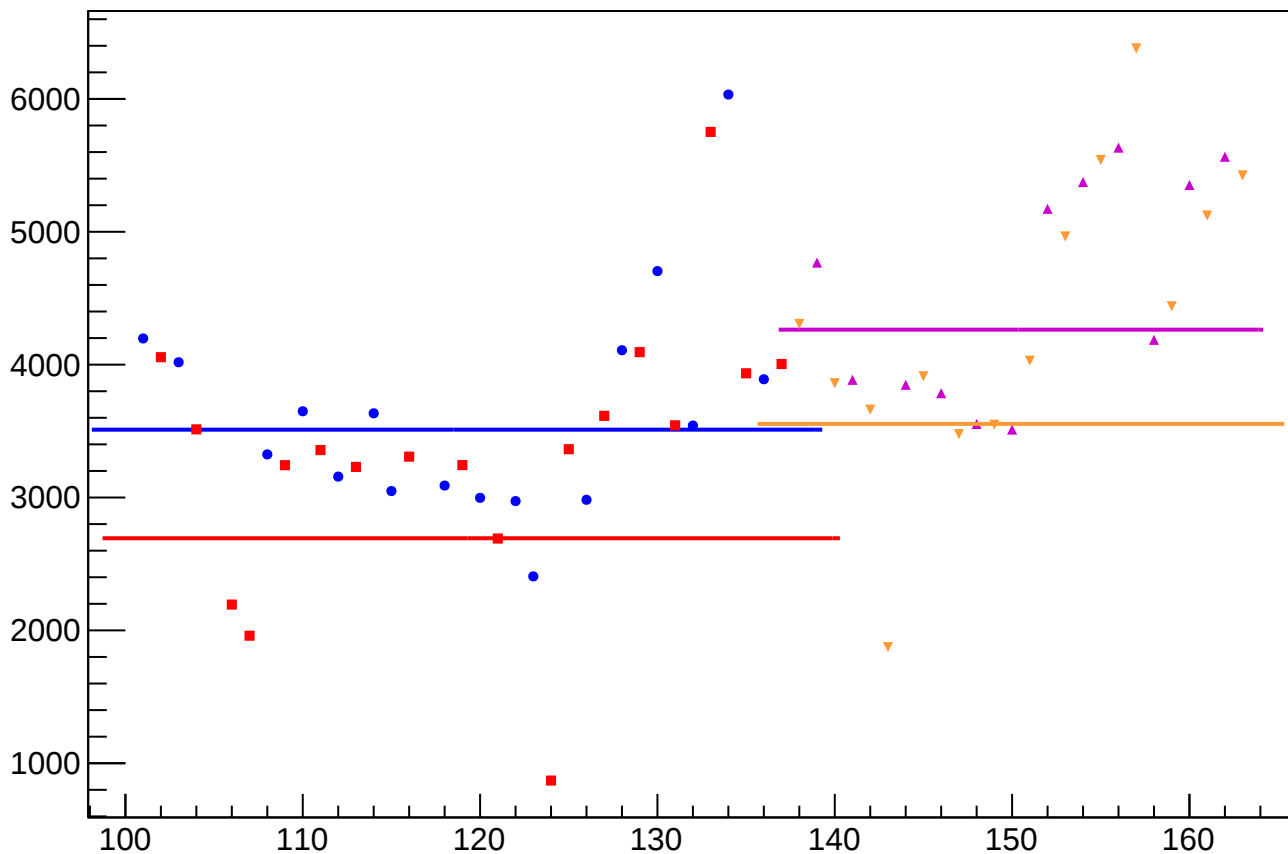
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 37.323+/-975.767 χ^2/NDF : 24.8/28

Out: 213.157+/-800.210 χ^2/NDF : 36.7/31

All: 142.453+/-618.752 χ^2/NDF : 61.5/60

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: 3554.148 $\pm$ 0.820 χ^2 /NDF: 2355303.8/13

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

Left In: 4263.399 $\pm$ 0.979 χ^2 /NDF: 586906.1/11

Left: 3846.697 $\pm$ 0.629 χ^2 /NDF: 3250769.9/25

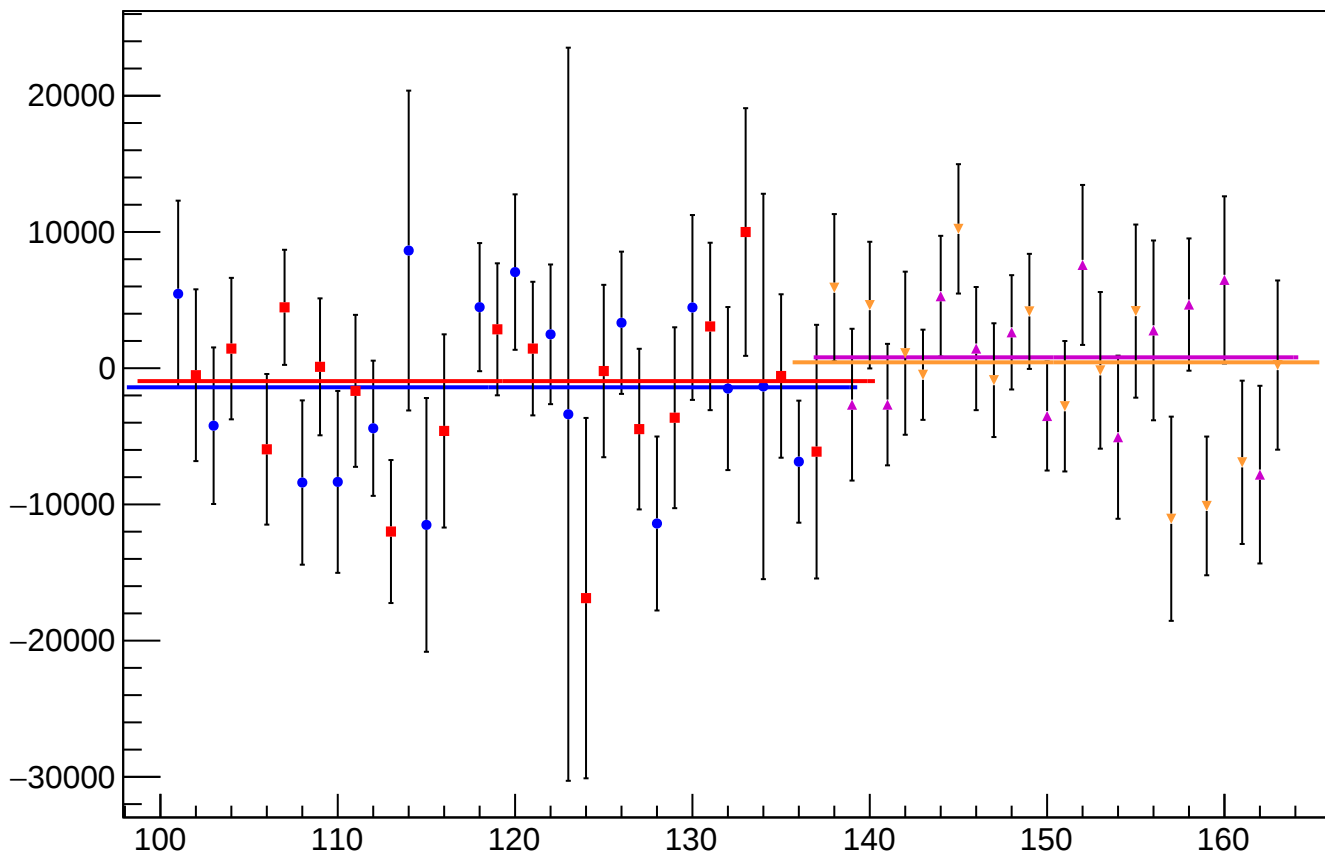
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3884.858 $\pm$ 0.690 χ^2 /NDF: 1228394.9/28

Out: 3103.277 $\pm$ 0.566 χ^2 /NDF: 5058203.6/31

All: 3417.555 $\pm$ 0.438 χ^2 /NDF: 7053800.8/60

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 432.183 ± 1329.066 $\chi^2/\text{NDF}: 16.0/13$

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

Left In: 798.896 ± 1452.706 $\chi^2/\text{NDF}: 9.0/11$

Left: 599.272 ± 980.594 $\chi^2/\text{NDF}: 25.1/25$

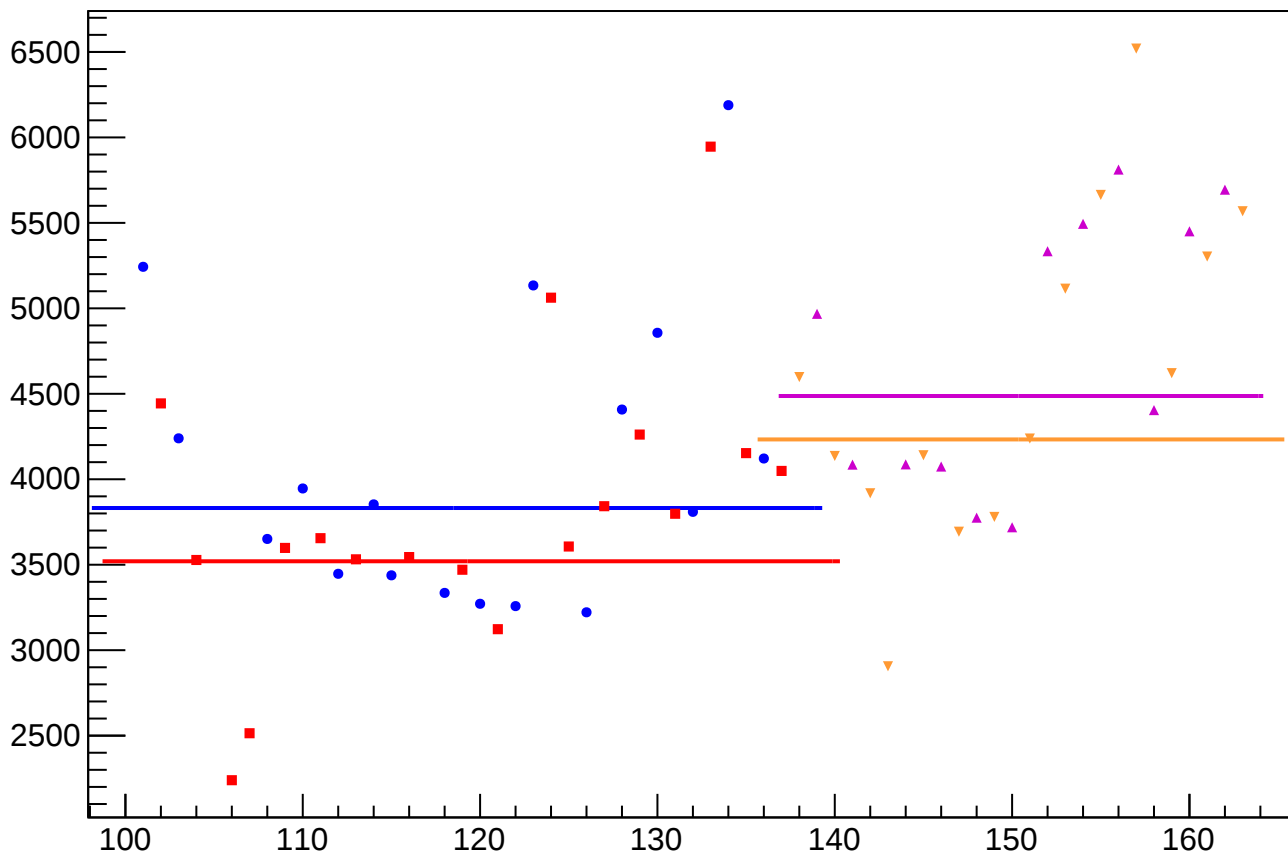
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -263.003 ± 1044.932 $\chi^2/\text{NDF}: 25.9/28$

Out: -230.598 ± 958.195 $\chi^2/\text{NDF}: 29.0/31$

All: -245.400 ± 706.222 $\chi^2/\text{NDF}: 54.9/60$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4233.051 $\pm$ 0.940 χ^2/NDF :896513.8/13

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

Left In: 4487.131 $\pm$ 1.027 χ^2/NDF :492473.6/11

Left: 4348.820 $\pm$ 0.693 χ^2/NDF : 1422291.8/25

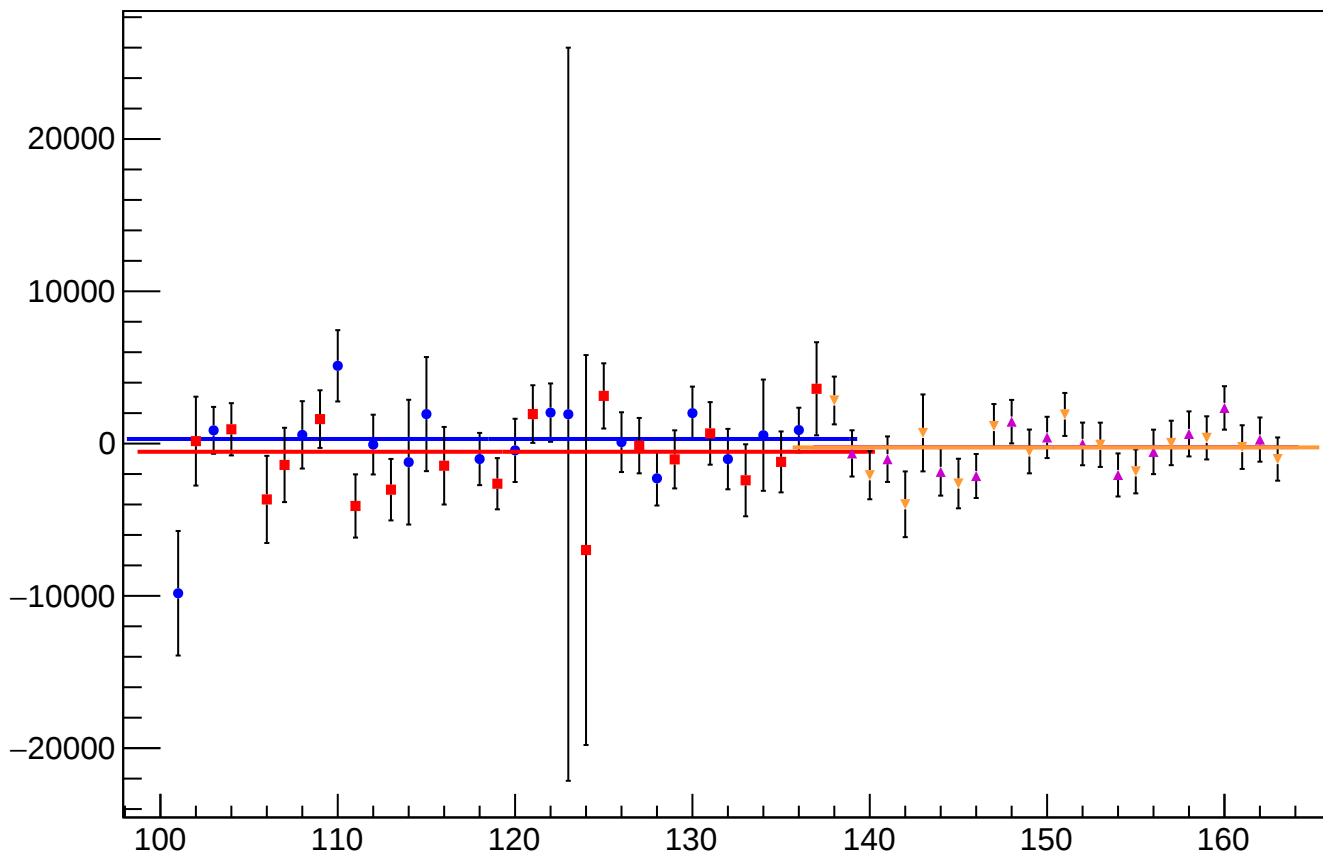
Right: 3661.502 $\pm$ 0.716 χ^2/NDF : 928771.8/34

In: 4170.864 $\pm$ 0.739 χ^2/NDF :1026596.9/28

Out: 3887.448 $\pm$ 0.675 χ^2/NDF :1719604.3/31

All: 4016.286 $\pm$ 0.498 χ^2/NDF : 2826450.2/60

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -250.042 ± 410.855 $\chi^2/\text{NDF}: 15.5/13$

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

Left In: -233.109 ± 418.478 $\chi^2/\text{NDF}: 10.2/11$

Left: -241.731 ± 293.177 $\chi^2/\text{NDF}: 25.7/25$

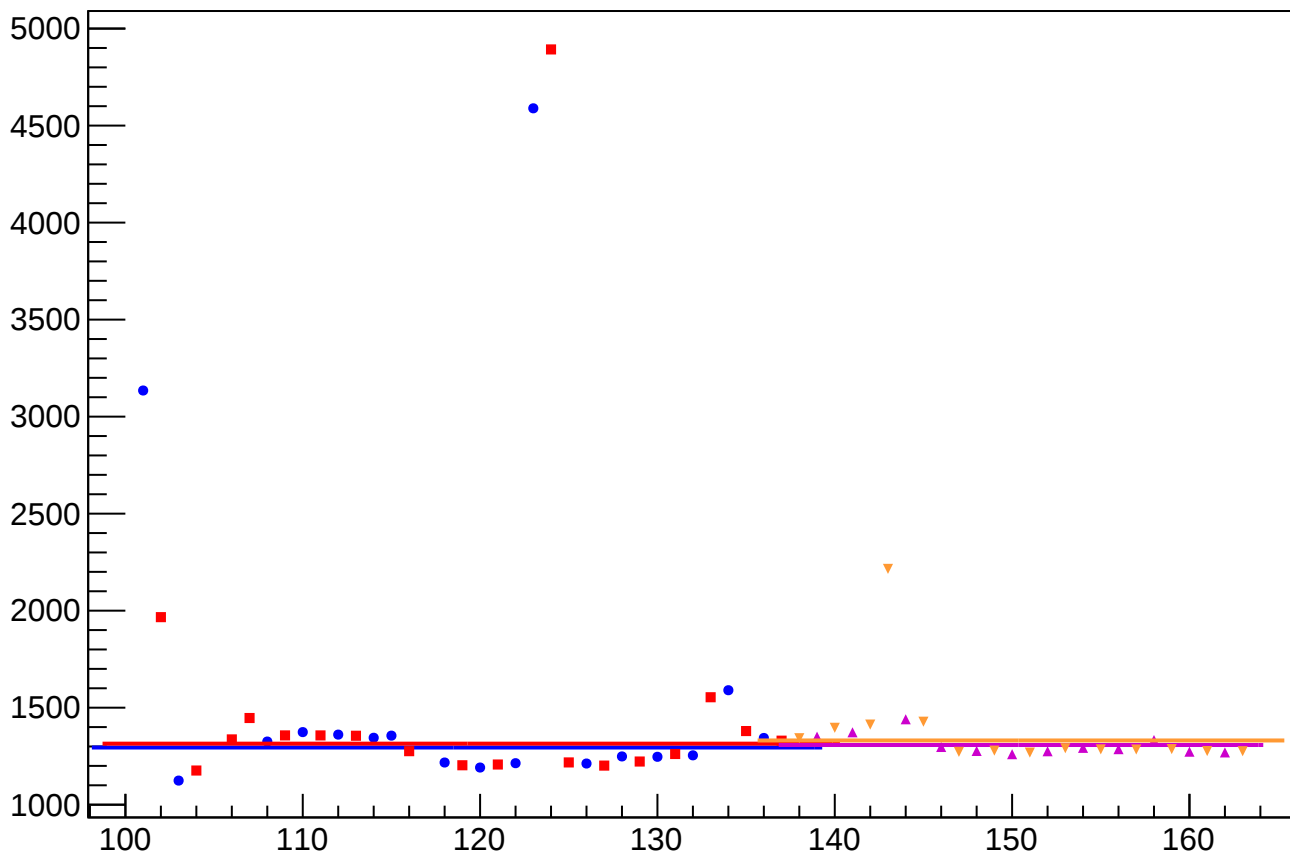
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -19.231 ± 324.229 $\chi^2/\text{NDF}: 26.9/28$

Out: -363.620 ± 319.623 $\chi^2/\text{NDF}: 33.2/31$

All: -193.889 ± 227.619 $\chi^2/\text{NDF}: 60.7/60$

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: 1331.020+/-0.291 χ^2/NDF : 281905.5/13

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

Left In: 1307.650+/-0.296 χ^2/NDF : 28209.0/11

Left: 1319.550+/-0.207 χ^2/NDF : 313290.5/25

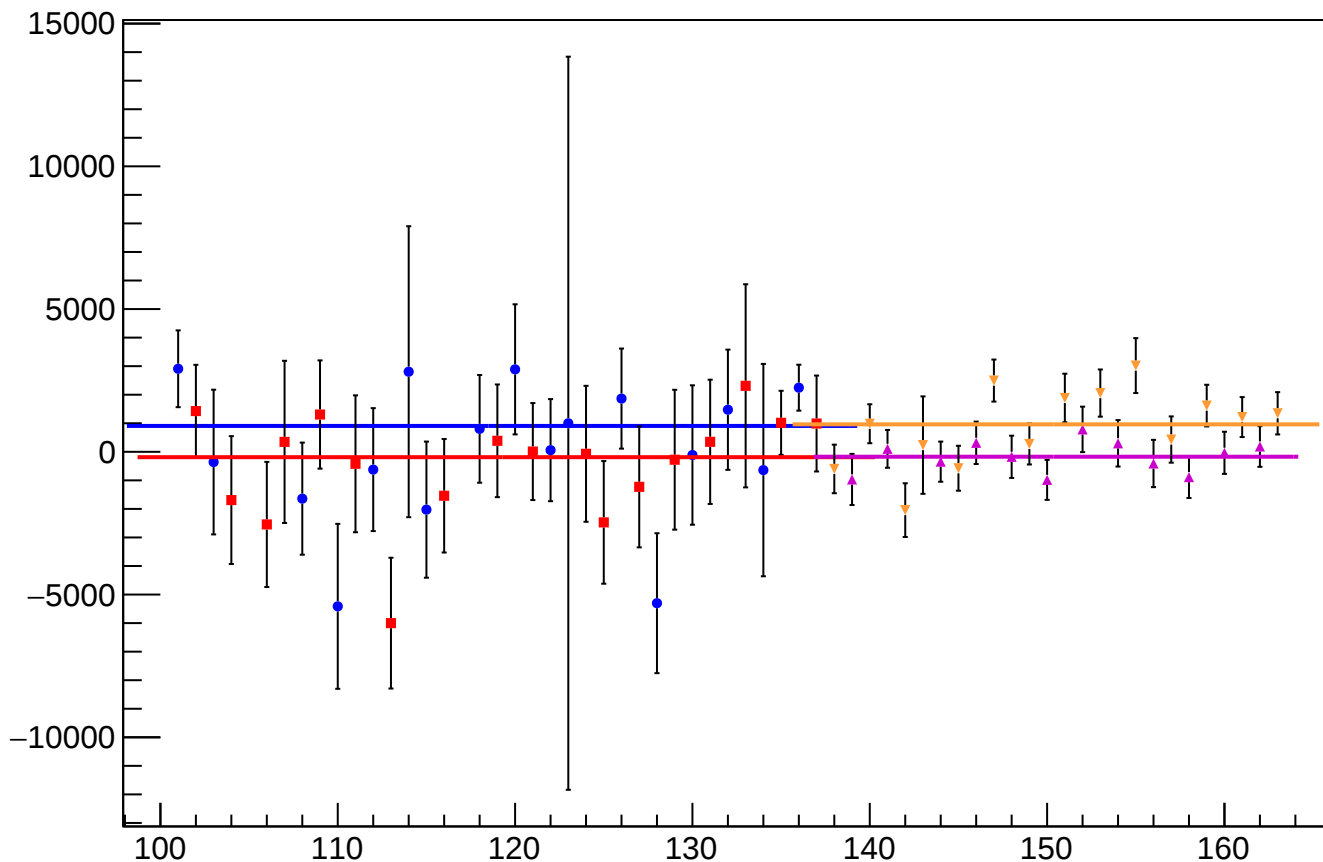
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1302.485+/-0.229 χ^2/NDF : 536775.0/28

Out: 1324.533+/-0.226 χ^2/NDF : 617007.1/31

All: 1313.667+/-0.161 χ^2/NDF : 1158472.2/60

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: 962.297 $\pm$ 215.194 χ^2 /NDF:32.0/13

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

Left In: -171.941 $\pm$ 215.954 χ^2 /NDF:5.9/11

Left: 397.179 $\pm$ 152.433 χ^2 /NDF: 51.7/25

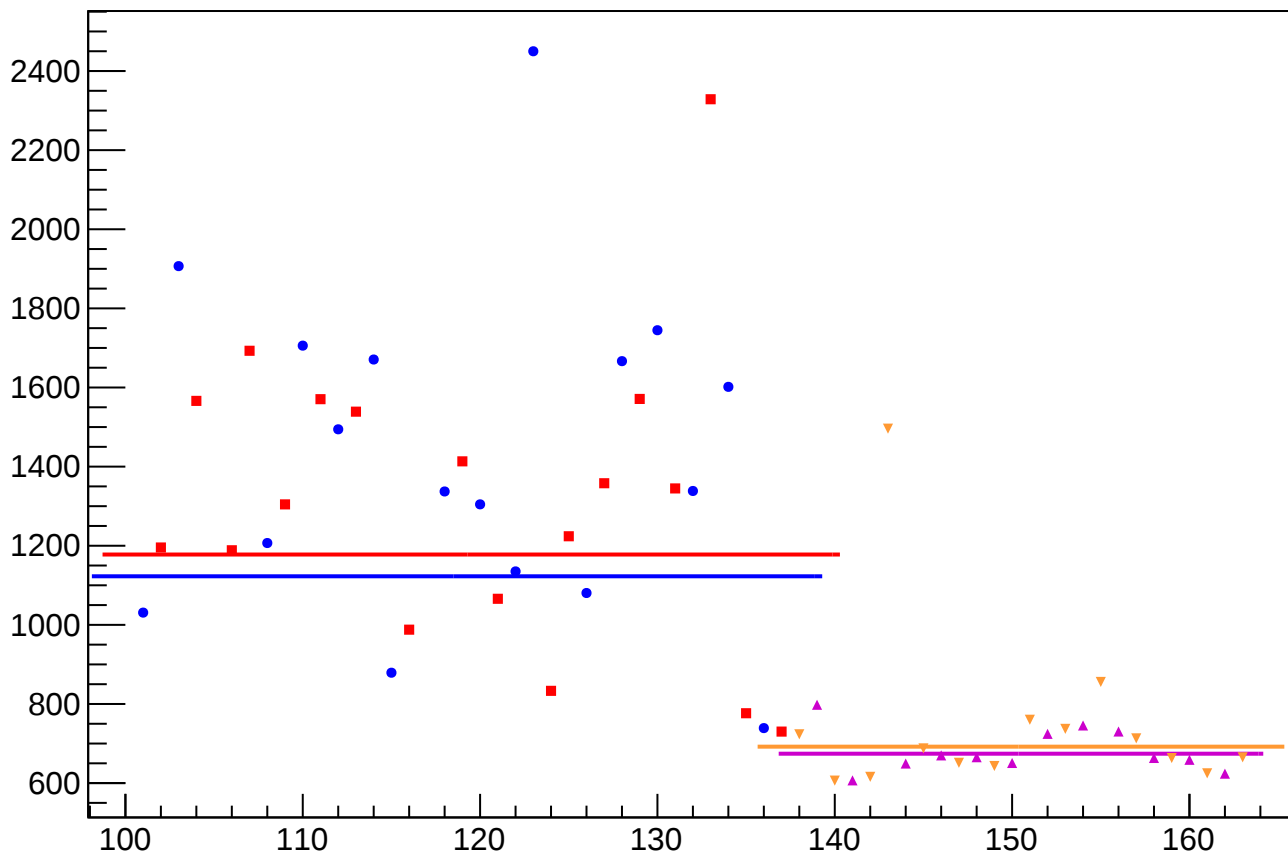
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 25.772 $\pm$ 195.161 χ^2 /NDF:32.4/28

Out: 759.032 $\pm$ 195.260 χ^2 /NDF:50.9/31

All: 392.216 $\pm$ 138.035 χ^2 /NDF: 90.4/60

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: 692.107+/-0.152 χ^2/NDF : 608818.0/13

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 674.306+/-0.153 χ^2/NDF : 107788.5/11

Left: 683.238+/-0.108 χ^2/NDF : 723425.2/25

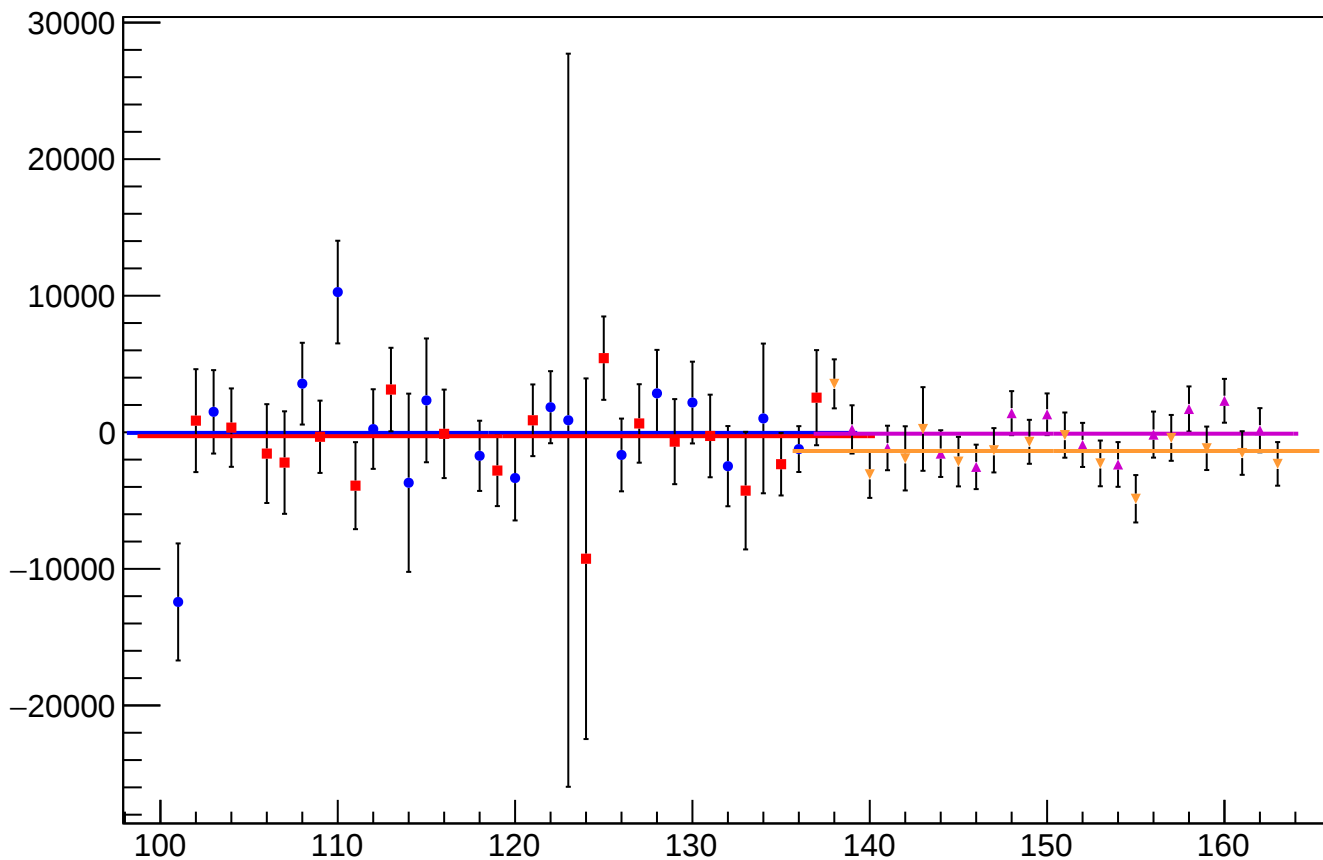
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 756.510+/-0.138 χ^2/NDF : 2876777.3/28

Out: 777.919+/-0.138 χ^2/NDF : 3430548.6/31

All: 767.209+/-0.098 χ^2/NDF : 6319353.9/60

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: -1369.689 ± 466.615 χ^2/NDF : 14.7/13

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

Left In: -103.231 ± 472.678 χ^2/NDF : 10.8/11

Left: -744.633 ± 332.069 χ^2/NDF : 29.1/25

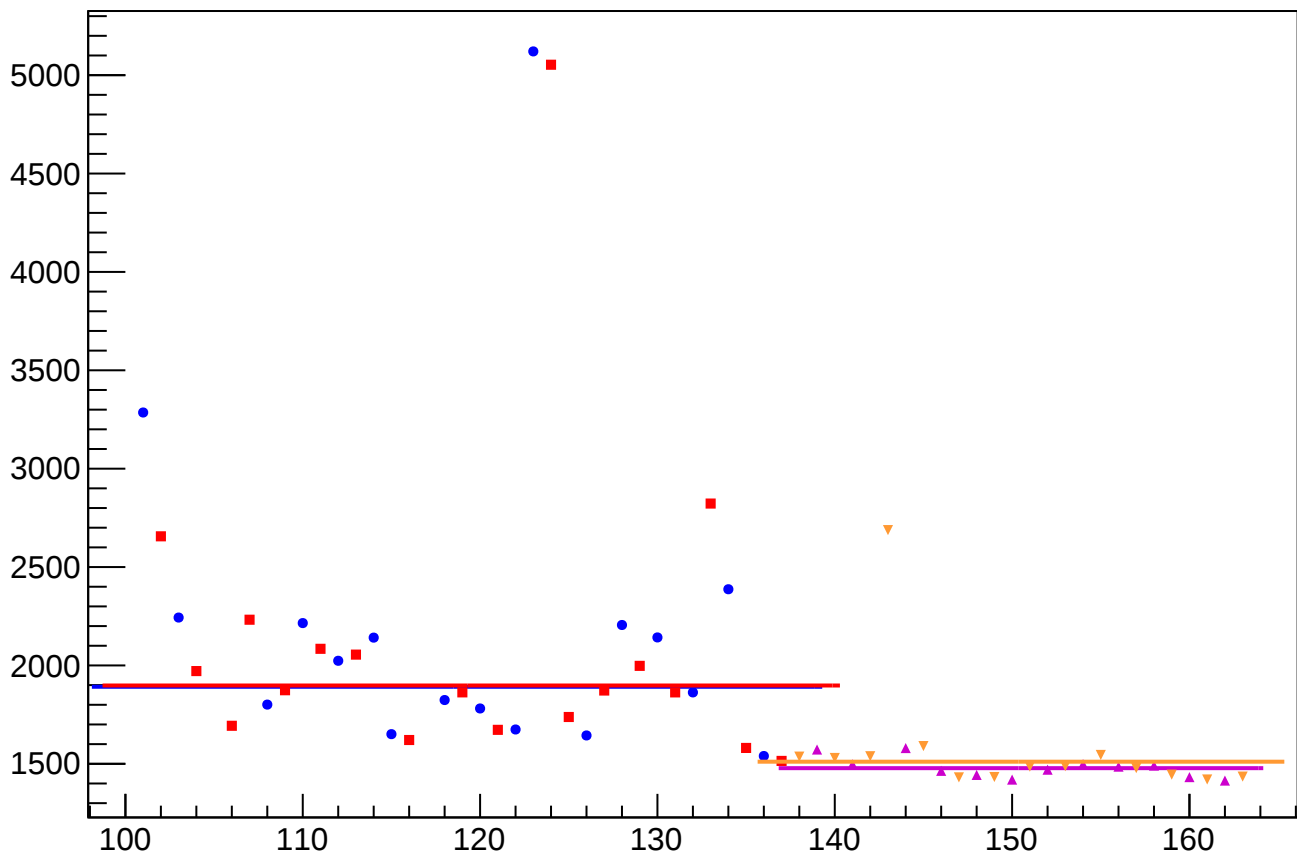
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -86.420 ± 399.519 χ^2/NDF : 34.0/28

Out: -1058.445 ± 393.995 χ^2/NDF : 26.9/31

All: -579.198 ± 280.529 χ^2/NDF : 63.9/60

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1510.766+/-0.330 χ^2/NDF : 326398.7/13

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1477.867+/-0.334 χ^2/NDF : 22304.0/11

Left: 1494.529+/-0.235 χ^2/NDF : 353609.5/25

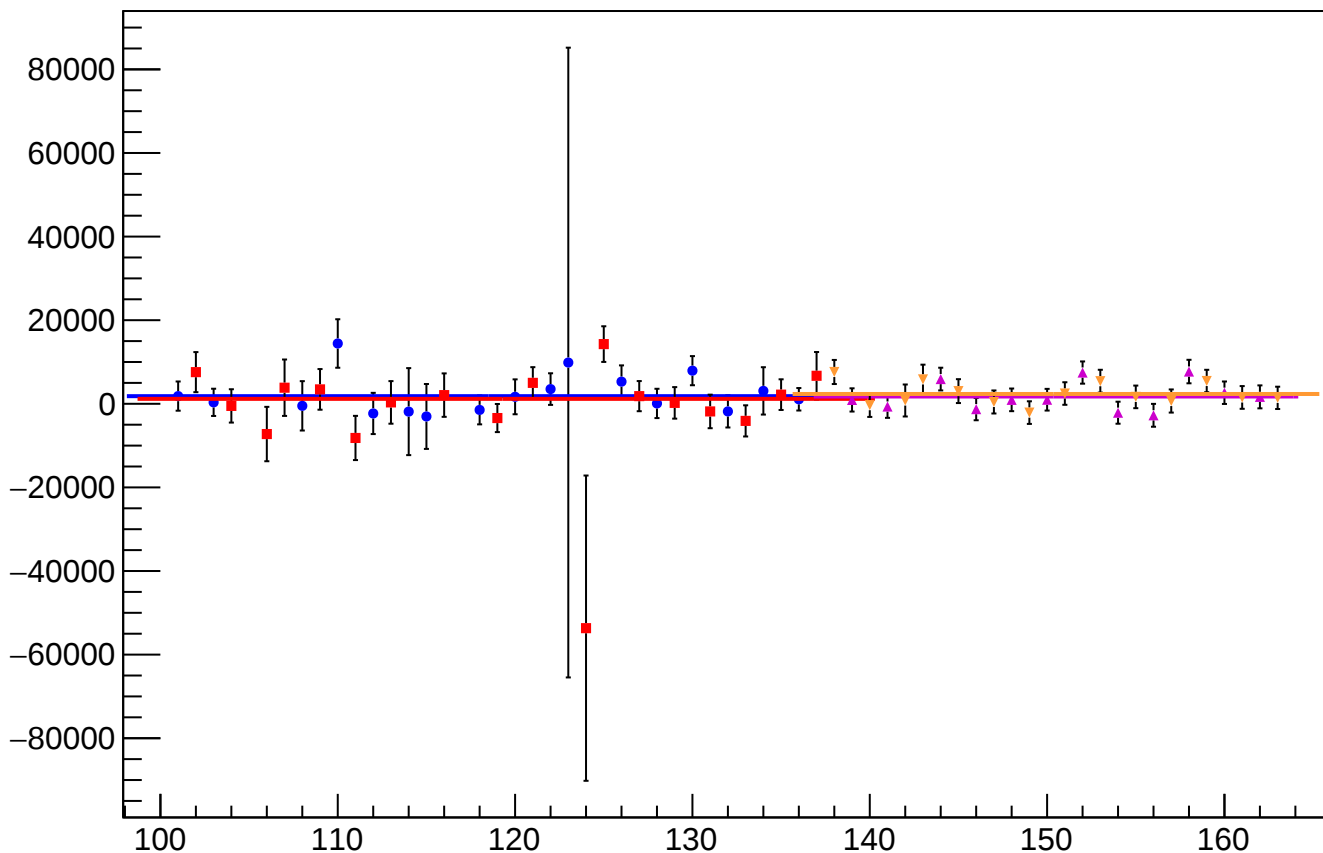
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1596.048+/-0.283 χ^2/NDF : 929152.0/28

Out: 1621.924+/-0.279 χ^2/NDF : 1145492.7/31

All: 1609.166+/-0.198 χ^2/NDF : 2078897.9/60

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2347.123 $\pm$ 757.824 χ^2 /NDF: 11.9/13

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1745.567 $\pm$ 779.603 χ^2 /NDF: 18.8/11

Left: 2054.865 $\pm$ 543.399 χ^2 /NDF: 31.0/25

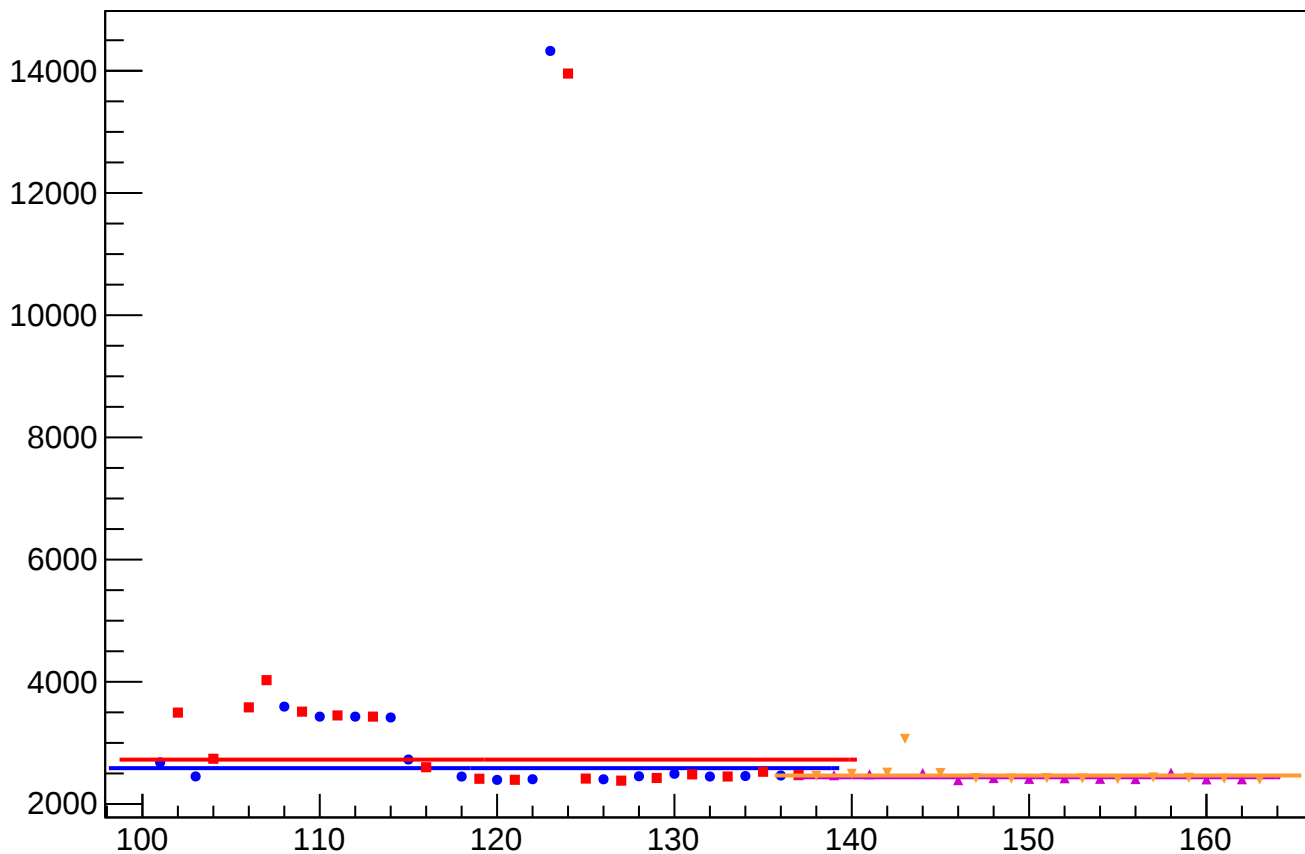
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1775.234 $\pm$ 617.178 χ^2 /NDF: 31.4/28

Out: 1948.310 $\pm$ 614.478 χ^2 /NDF: 38.2/31

All: 1862.151 $\pm$ 435.453 χ^2 /NDF: 69.6/60

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2466.591 $\pm$ 0.536 χ^2 /NDF: 64751.8/13

Right Out: 2726.457 $\pm$ 0.742 χ^2 /NDF: 580850.1/17

Left In: 2437.021 $\pm$ 0.551 χ^2 /NDF: 5714.7/11

Left: 2452.225 $\pm$ 0.384 χ^2 /NDF: 71945.9/25

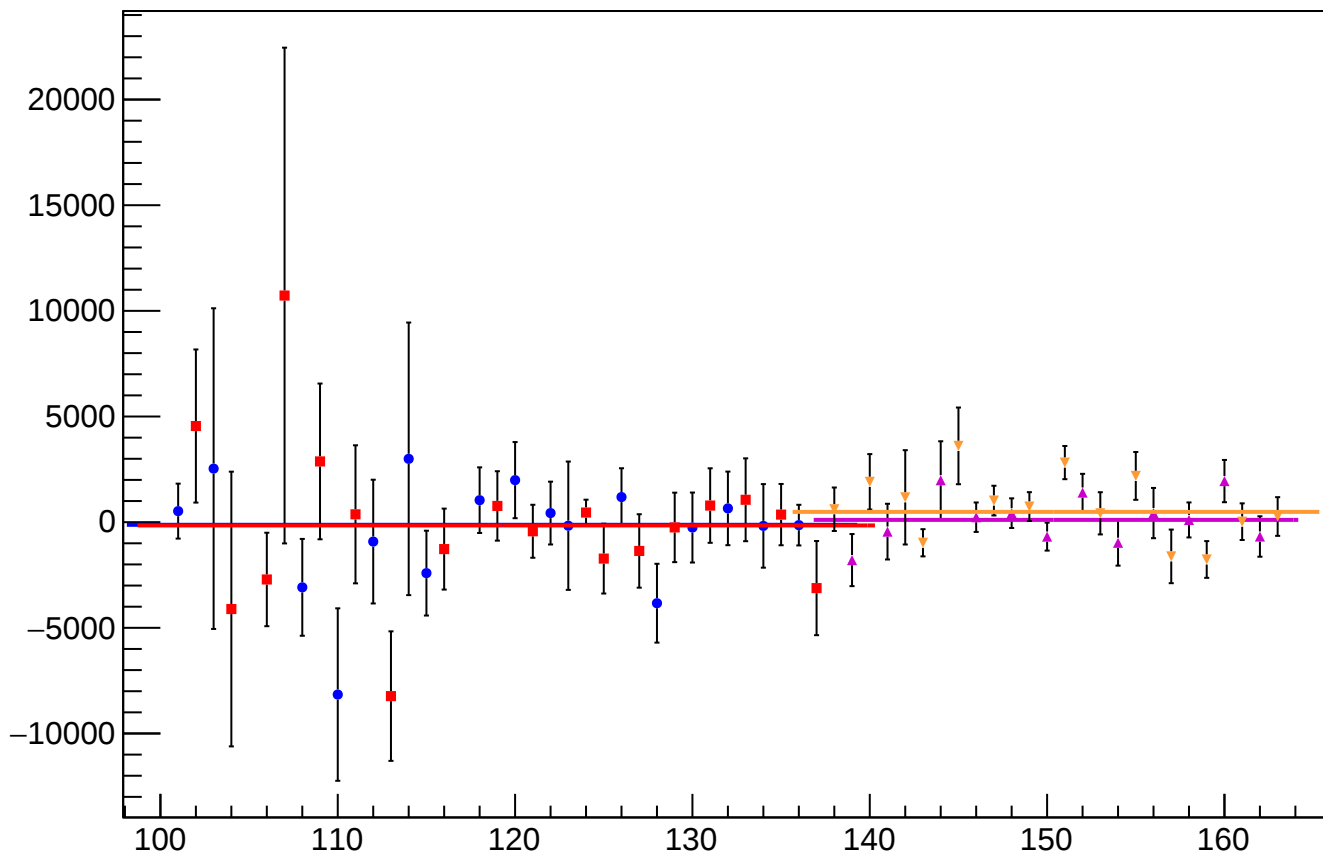
Right: 2654.027 $\pm$ 0.515 χ^2 /NDF: 853292.0/34

In: 2492.997 $\pm$ 0.436 χ^2 /NDF: 287449.3/28

Out: 2555.603 $\pm$ 0.435 χ^2 /NDF: 726156.1/31

All: 2524.437 $\pm$ 0.308 χ^2 /NDF: 1023940.4/60

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 487.031+/-246.282 χ^2/NDF : 31.0/13

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 108.203+/-264.611 χ^2/NDF : 12.5/11

Left: 311.191+/-180.279 χ^2/NDF : 44.6/25

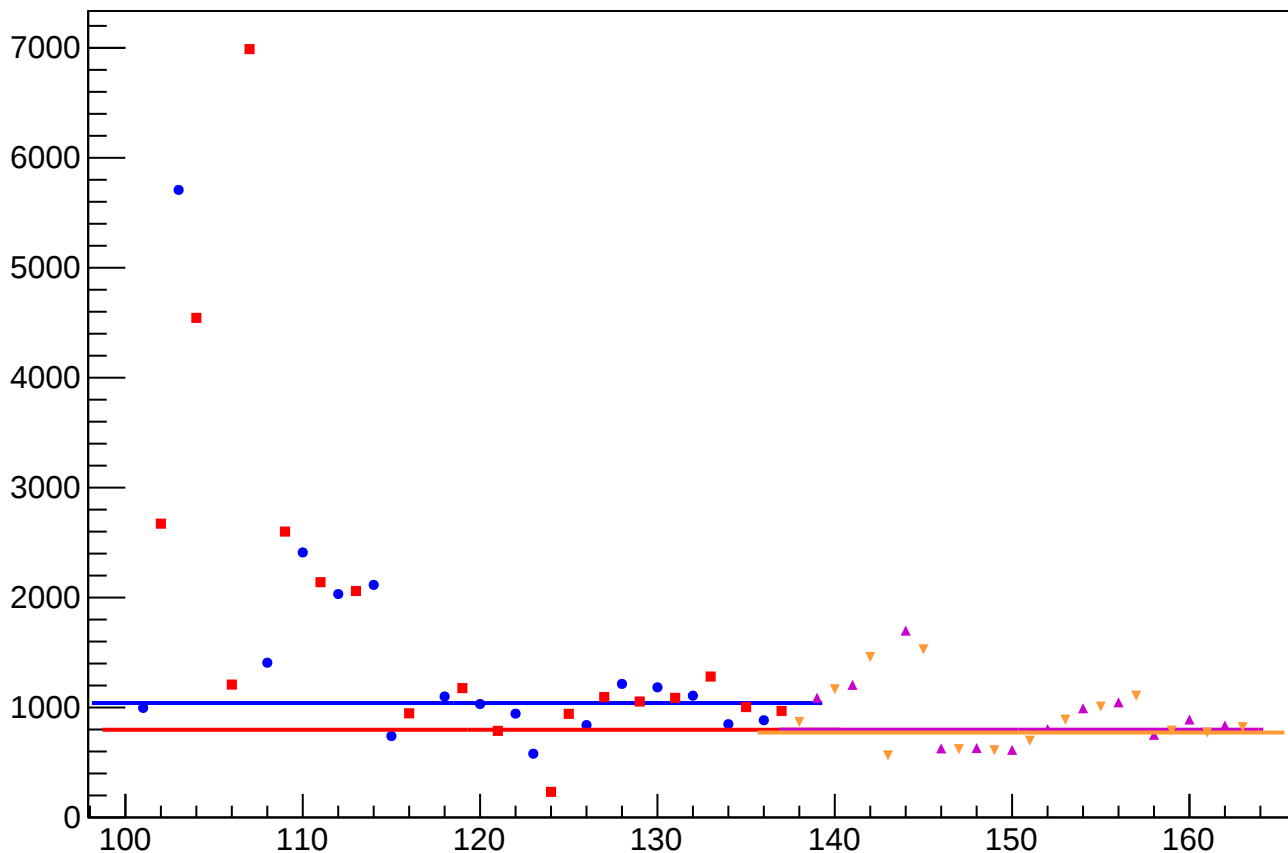
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: 44.457+/-225.469 χ^2/NDF : 27.4/28

Out: 297.891+/-206.820 χ^2/NDF : 50.6/31

All: 182.087+/-152.411 χ^2/NDF : 78.7/60

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 772.520+/-0.174 χ^2/NDF : 1426819.4/13

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 798.305+/-0.187 χ^2/NDF : 1345278.0/11

Left: 784.489+/-0.127 χ^2/NDF : 2782273.0/25

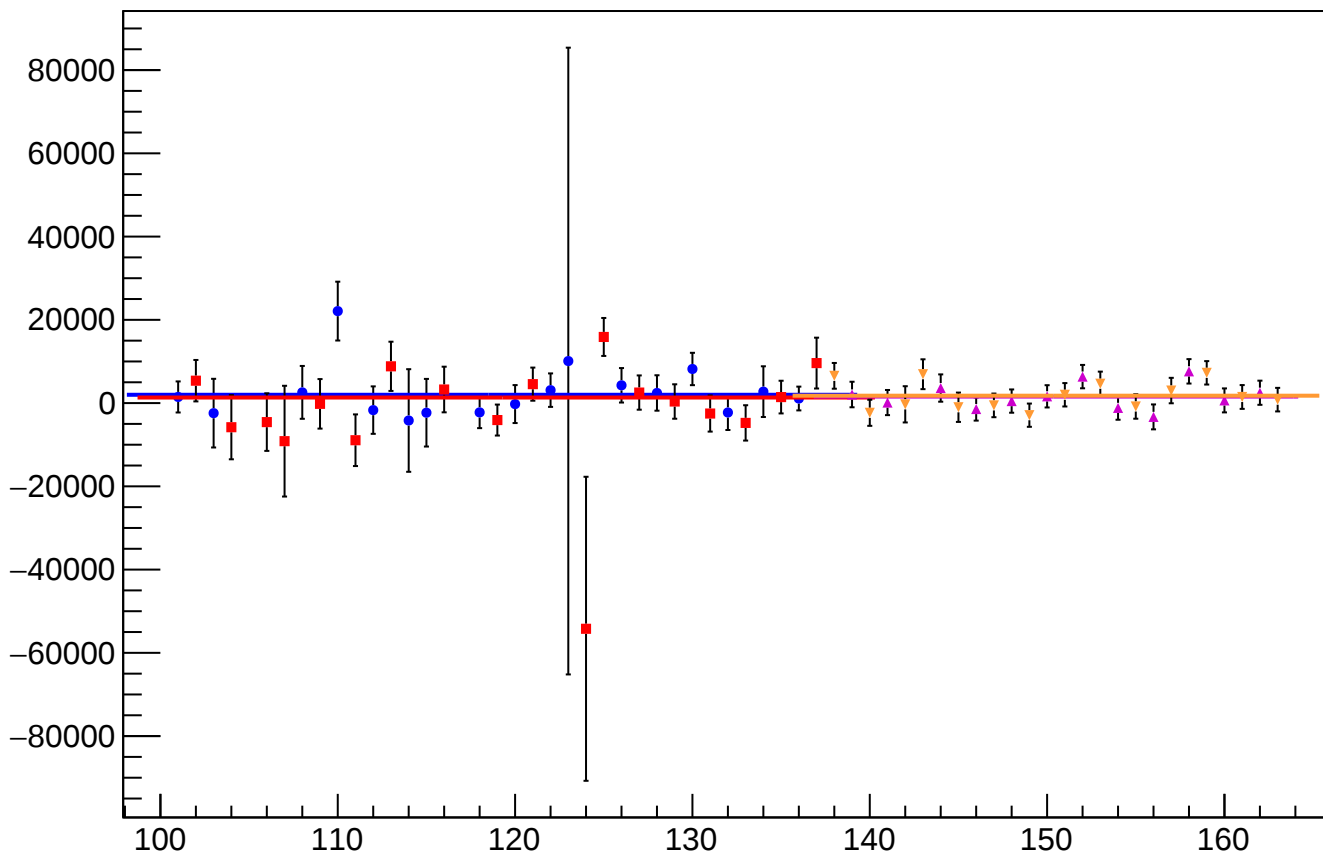
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 864.730+/-0.159 χ^2/NDF : 3378333.6/28

Out: 779.952+/-0.146 χ^2/NDF : 6607329.7/31

All: 818.691+/-0.108 χ^2/NDF : 10139220.1/60

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1775.726+/-813.549 χ^2/NDF :16.4/13

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1565.420+/-838.287 χ^2/NDF :12.9/11

Left: 1673.722+/-583.816 χ^2/NDF : 29.3/25

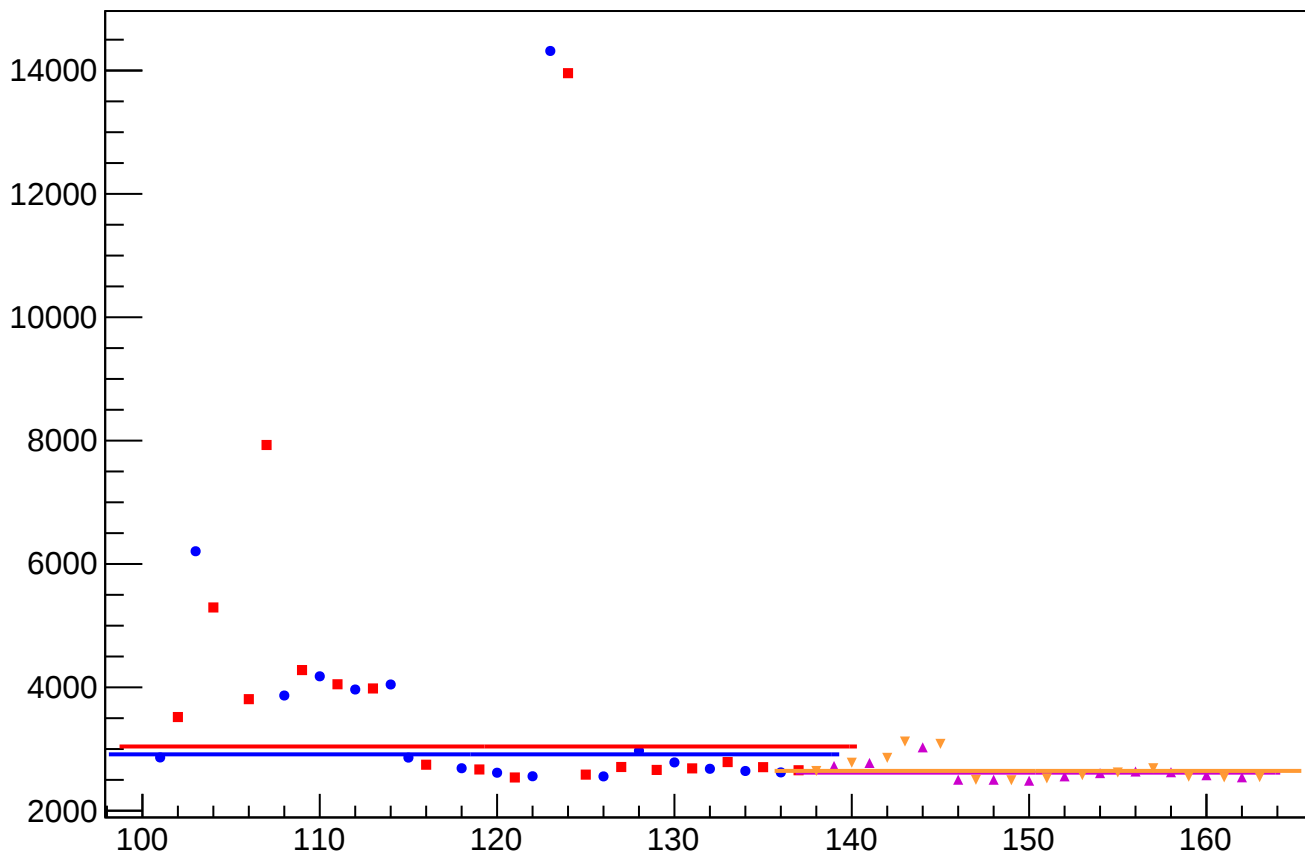
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1714.062+/-678.442 χ^2/NDF :27.9/28

Out: 1636.462+/-672.270 χ^2/NDF :43.9/31

All: 1674.908+/-477.534 χ^2/NDF : 71.9/60

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2645.474+/-0.575 χ^2/NDF : 98423.7/13

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2616.945+/-0.593 χ^2/NDF : 53458.8/11

Left: 2631.637+/-0.413 χ^2/NDF : 153075.4/25

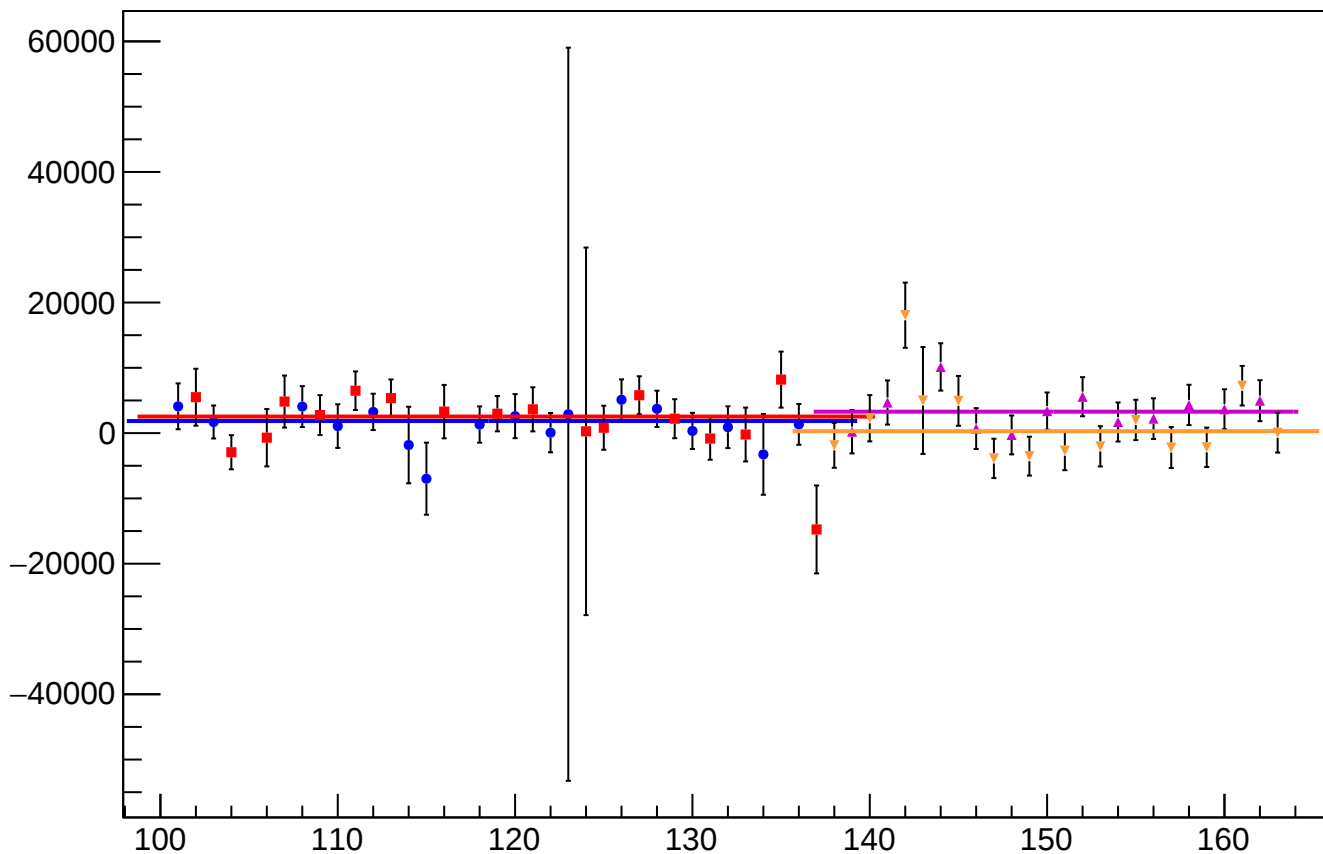
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2719.386+/-0.480 χ^2/NDF : 779014.9/28

Out: 2770.990+/-0.475 χ^2/NDF : 1252109.6/31

All: 2745.424+/-0.338 χ^2/NDF : 2036962.9/60

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 295.867 $\pm$ 890.830 χ^2 /NDF:27.2/13

Right Out: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 3283.017 $\pm$ 901.210 χ^2 /NDF:8.1/11

Left: 1772.140 $\pm$ 633.550 χ^2 /NDF: 40.8/25

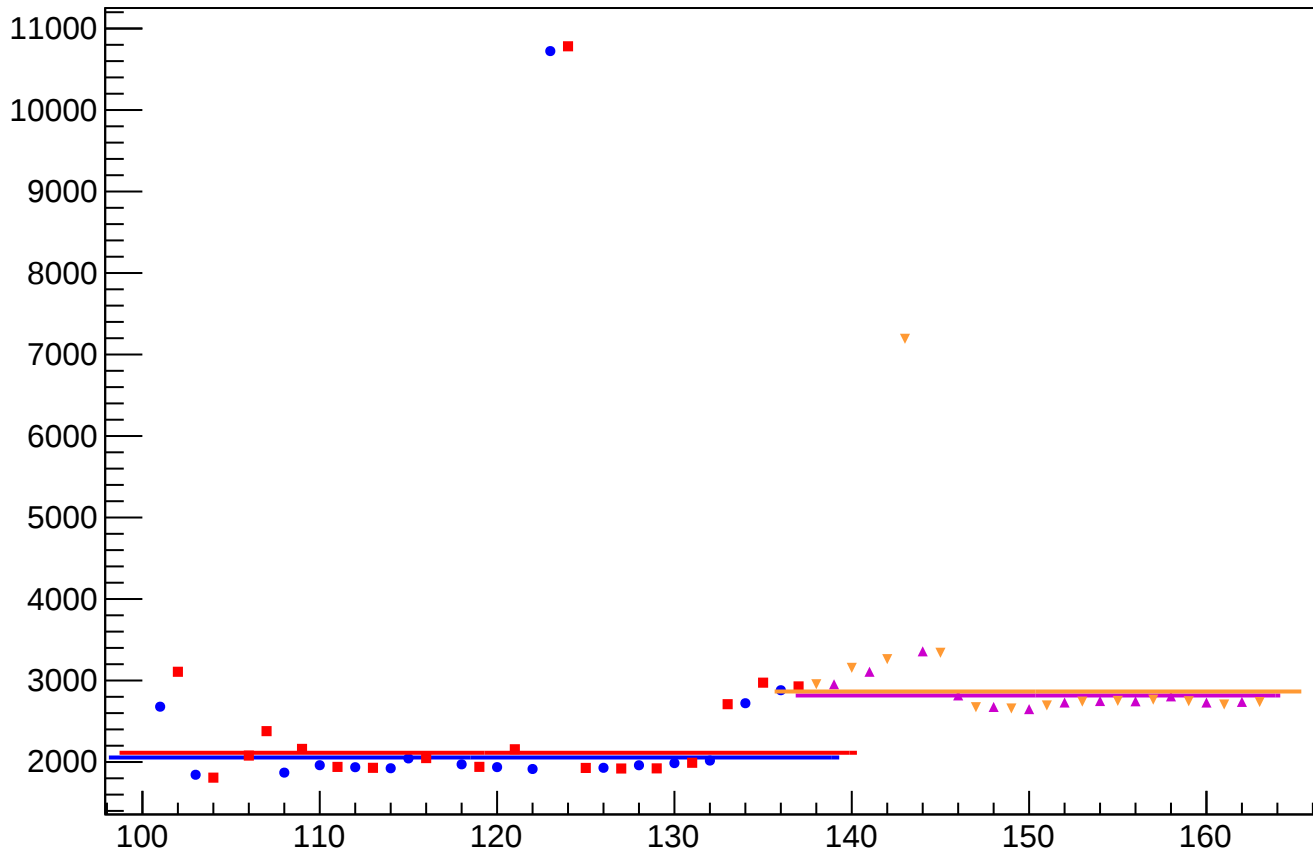
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2487.556 $\pm$ 601.094 χ^2 /NDF:16.8/28

Out: 1508.985 $\pm$ 603.046 χ^2 /NDF:50.6/31

All: 1999.857 $\pm$ 425.726 χ^2 /NDF: 68.7/60

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2865.206 ± 0.630 χ^2/NDF : 662102.4/13

Right Out: 2113.304 ± 0.578 χ^2/NDF : 532006.4/17

Left In: 2816.279 ± 0.637 χ^2/NDF : 80851.3/11

Left: 2841.026 ± 0.448 χ^2/NDF : 745935.4/25

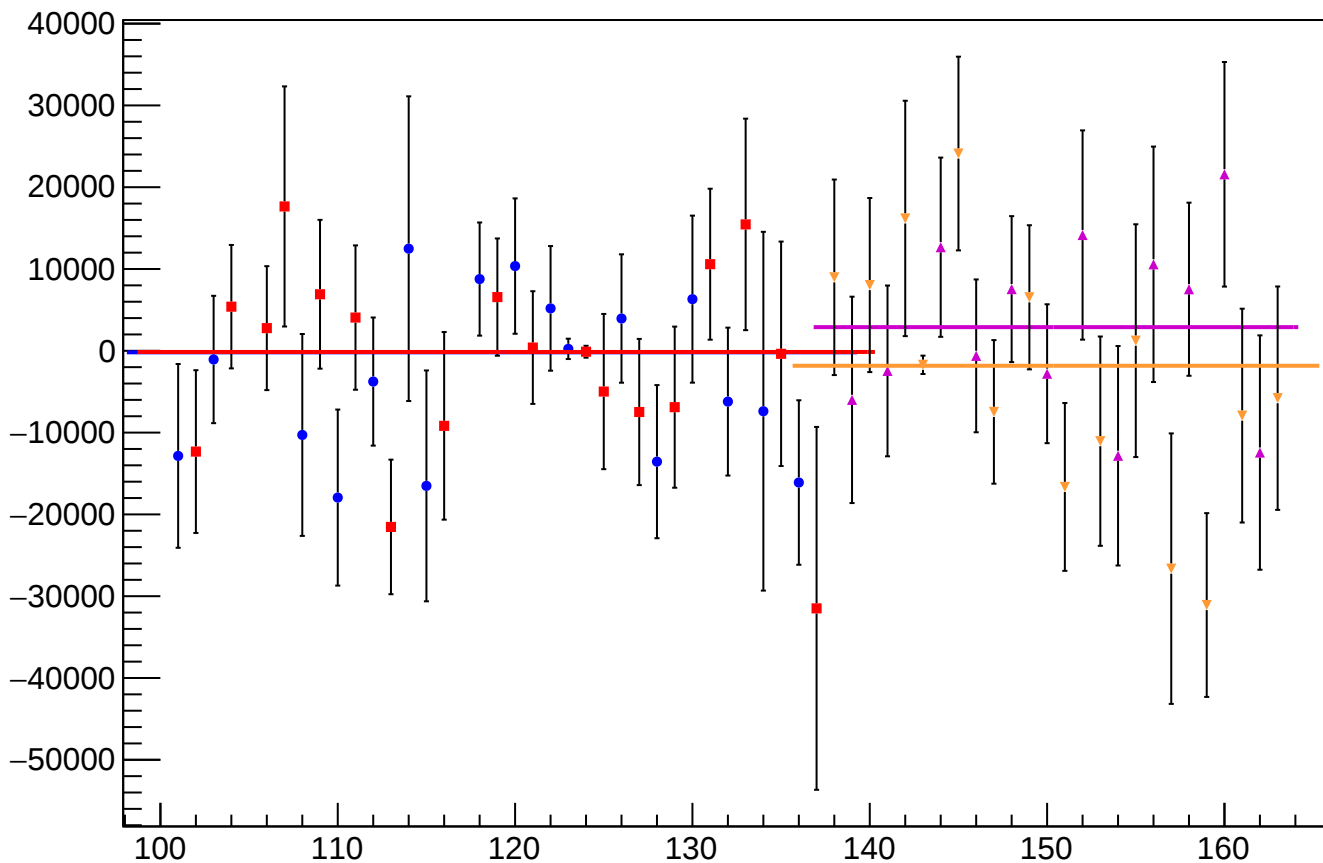
Right: 2083.972 ± 0.406 χ^2/NDF : 853461.4/34

In: 2393.917 ± 0.425 χ^2/NDF : 1188552.8/28

Out: 2457.309 ± 0.426 χ^2/NDF : 1967059.7/31

All: 2425.536 ± 0.301 χ^2/NDF : 3166707.6/60

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1828.756 ± 1059.421 $\chi^2/\text{NDF}: 21.4/13$

Right Out: -141.935 ± 690.979 $\chi^2/\text{NDF}: 19.0/17$

Left In: 2893.182 ± 3206.077 $\chi^2/\text{NDF}: 8.0/11$

Left: -1363.917 ± 1005.924 $\chi^2/\text{NDF}: 31.4/25$

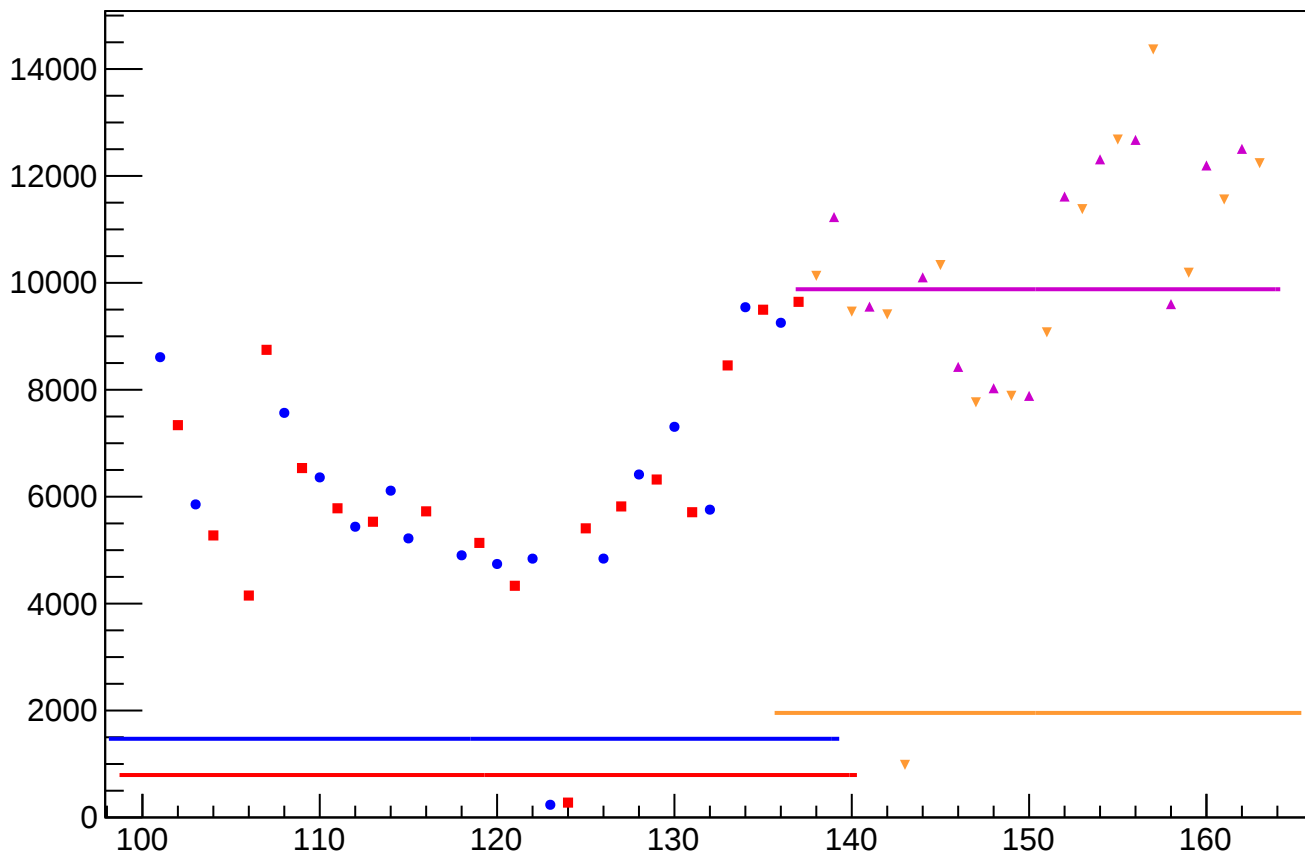
Right: -154.177 ± 585.233 $\chi^2/\text{NDF}: 35.3/34$

In: 139.382 ± 1041.123 $\chi^2/\text{NDF}: 25.2/28$

Out: -645.350 ± 578.758 $\chi^2/\text{NDF}: 42.1/31$

All: -460.098 ± 505.852 $\chi^2/\text{NDF}: 67.8/60$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1955.424+/-0.749

χ^2/NDF : 14350012.1/13

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9880.579+/-2.267

χ^2/NDF : 573787.5/11

Left: 2735.596+/-0.711

χ^2/NDF : 25941503.3/25

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2358.355+/-0.736

χ^2/NDF : 22669582.4/28

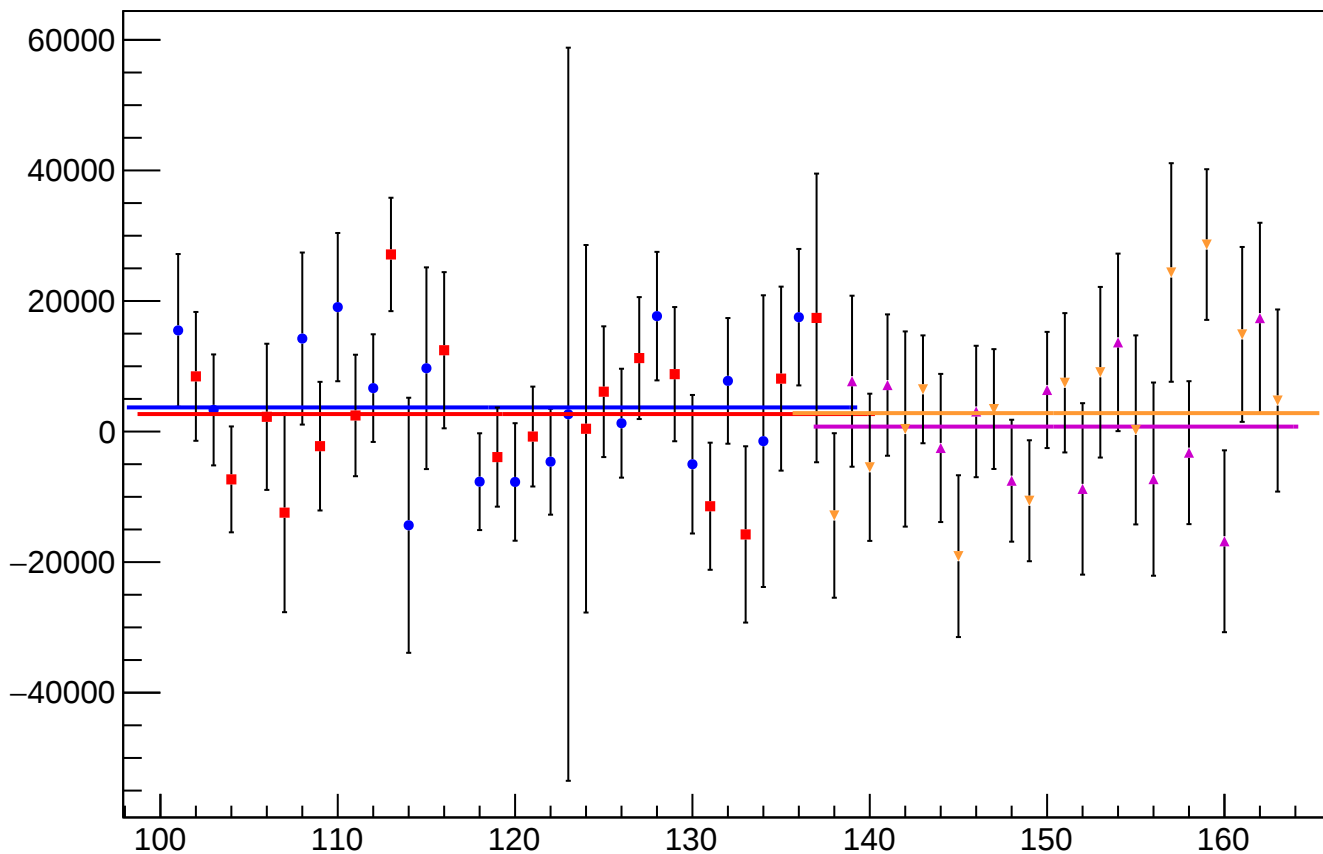
Out: 1140.377+/-0.409

χ^2/NDF : 27459904.5/31

All: 1427.907+/-0.358

χ^2/NDF : 52220501.8/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 ± 2517.949 χ^2/NDF : 14.4/16

Left Out: 2823.661 ± 3093.374 χ^2/NDF : 15.5/13

Right Out: 2679.483 ± 2428.648 χ^2/NDF : 18.5/17

Left In: 757.329 ± 3332.536 χ^2/NDF : 6.7/11

Left: 1867.294 ± 2267.186 χ^2/NDF : 22.4/25

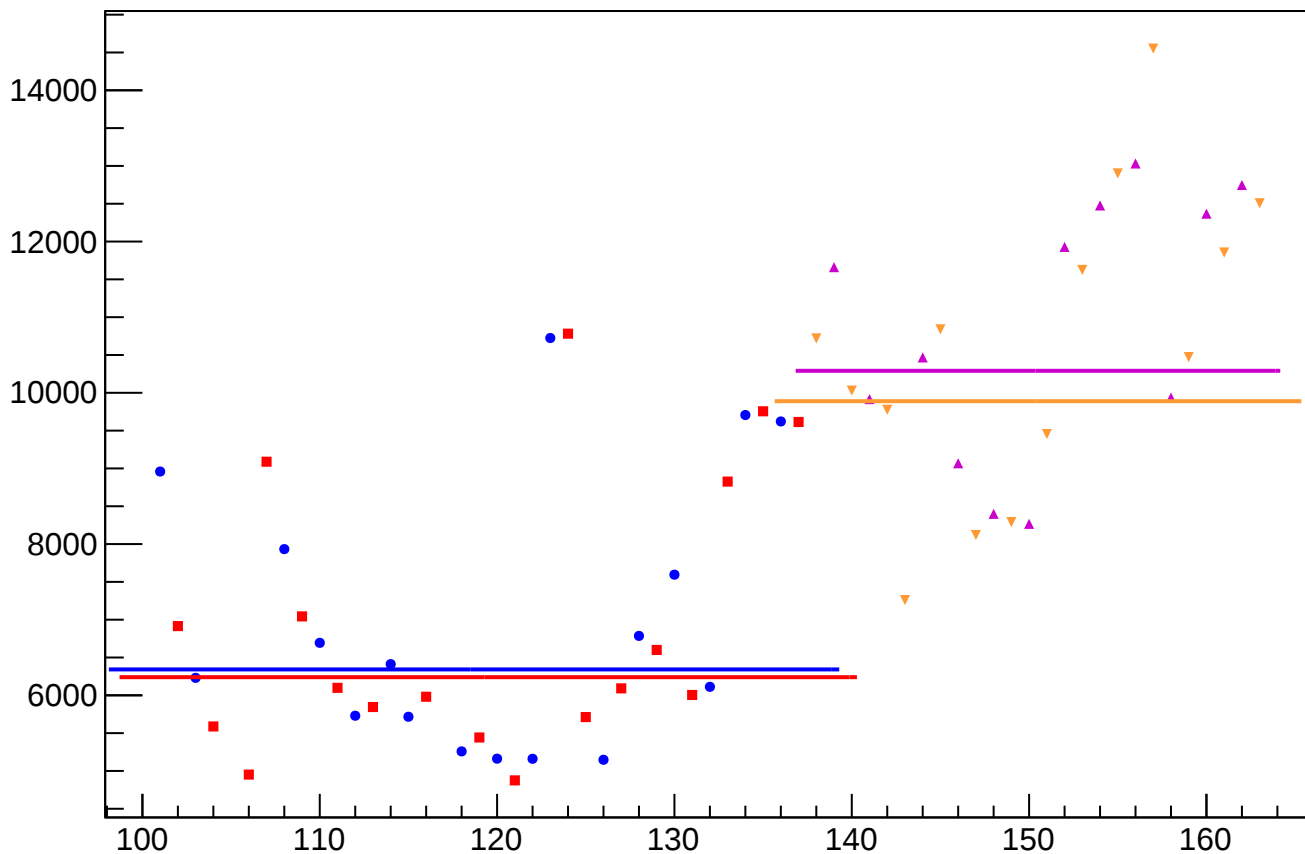
Right: 3170.572 ± 1748.031 χ^2/NDF : 33.0/34

In: 2629.600 ± 2008.980 χ^2/NDF : 21.6/28

Out: 2734.464 ± 1910.248 χ^2/NDF : 34.0/31

All: 2684.672 ± 1384.338 χ^2/NDF : 55.6/60

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9889.056+/-2.187 χ^2/NDF : 756185.9/13

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10290.876+/-2.356 χ^2/NDF : 494365.0/11

Left: 10075.032+/-1.603 χ^2/NDF : 1266169.9/25

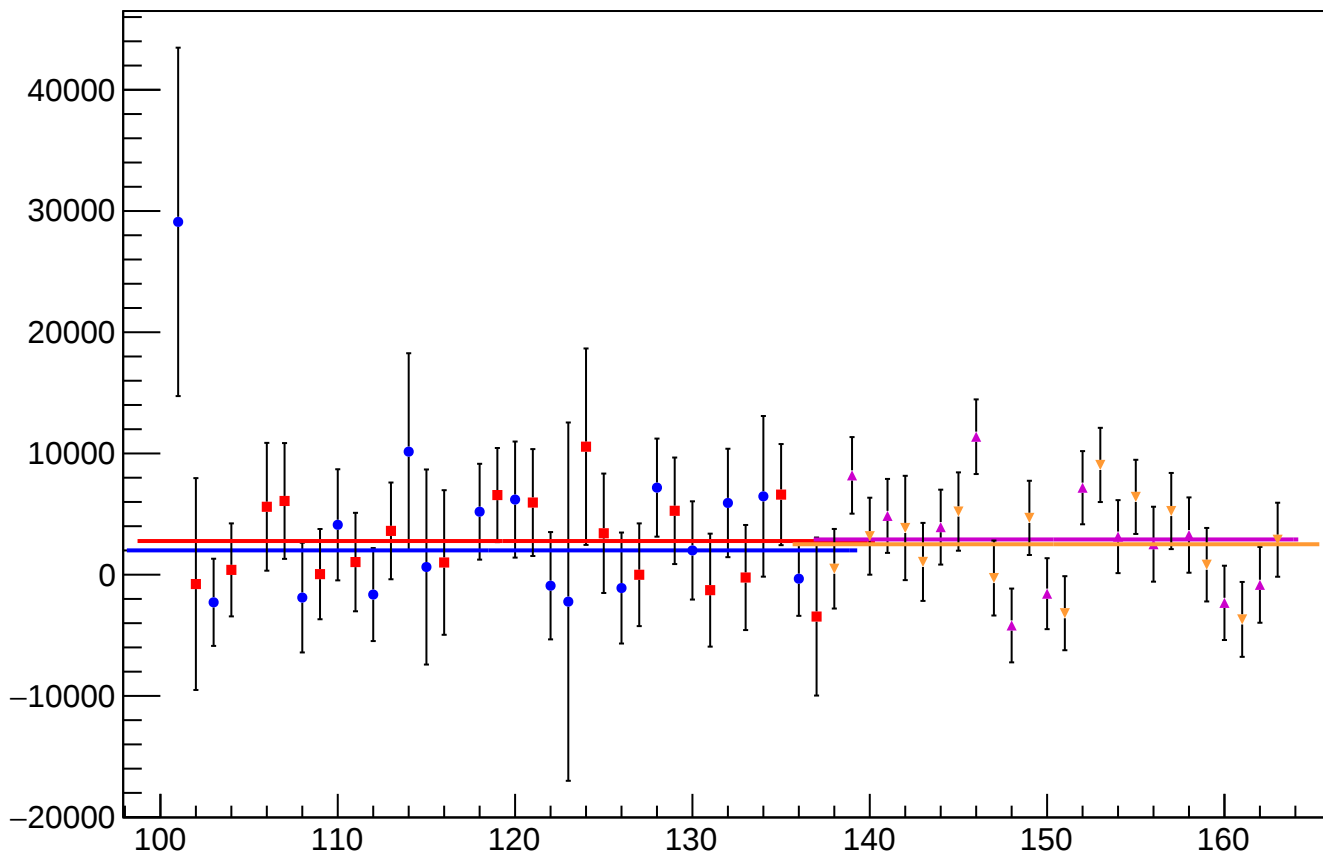
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7777.275+/-1.421 χ^2/NDF : 2875402.5/28

Out: 7631.289+/-1.351 χ^2/NDF : 3007525.8/31

All: 7700.605+/-0.979 χ^2/NDF : 5888474.7/60

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2510.884+/-847.389 χ^2/NDF : 17.5/13

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 2908.063+/-884.061 χ^2/NDF : 25.0/11

Left: 2701.065+/-611.748 χ^2/NDF : 42.7/25

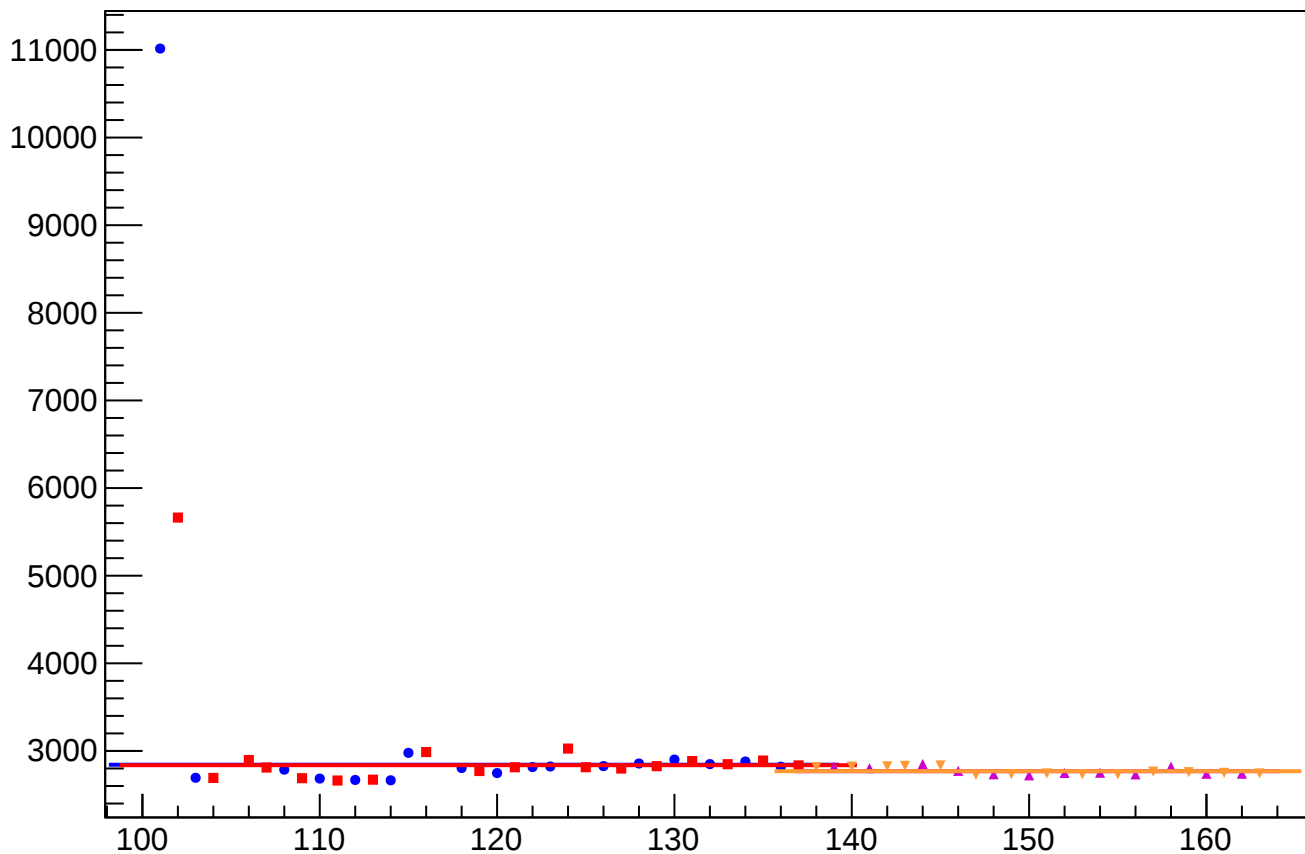
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2563.304+/-695.215 χ^2/NDF : 39.1/28

Out: 2611.136+/-668.265 χ^2/NDF : 25.9/31

All: 2588.165+/-481.781 χ^2/NDF : 65.0/60

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2769.039 $\pm$ 0.599 χ^2 /NDF: 4354.4/13

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2769.034 $\pm$ 0.625 χ^2 /NDF: 4343.5/11

Left: 2769.037 $\pm$ 0.433 χ^2 /NDF: 8698.0/25

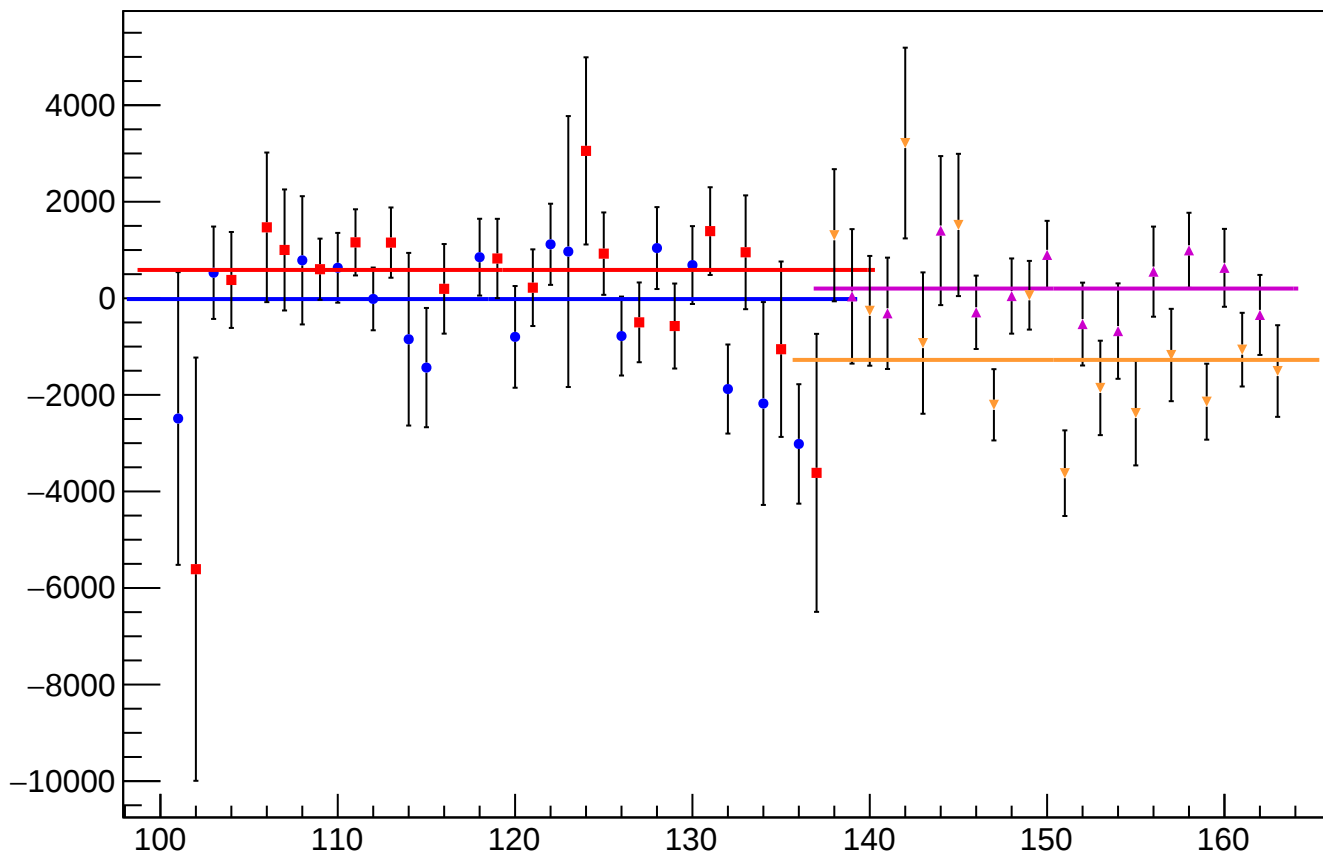
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2797.117 $\pm$ 0.492 χ^2 /NDF: 669937.4/28

Out: 2794.900 $\pm$ 0.473 χ^2 /NDF: 235703.1/31

All: 2795.965 $\pm$ 0.341 χ^2 /NDF: 905651.1/60

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1275.623 ± 258.134 χ^2/NDF : 28.1/13

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 202.062 ± 256.063 χ^2/NDF : 5.7/11

Left: -530.829 ± 181.791 χ^2/NDF : 50.2/25

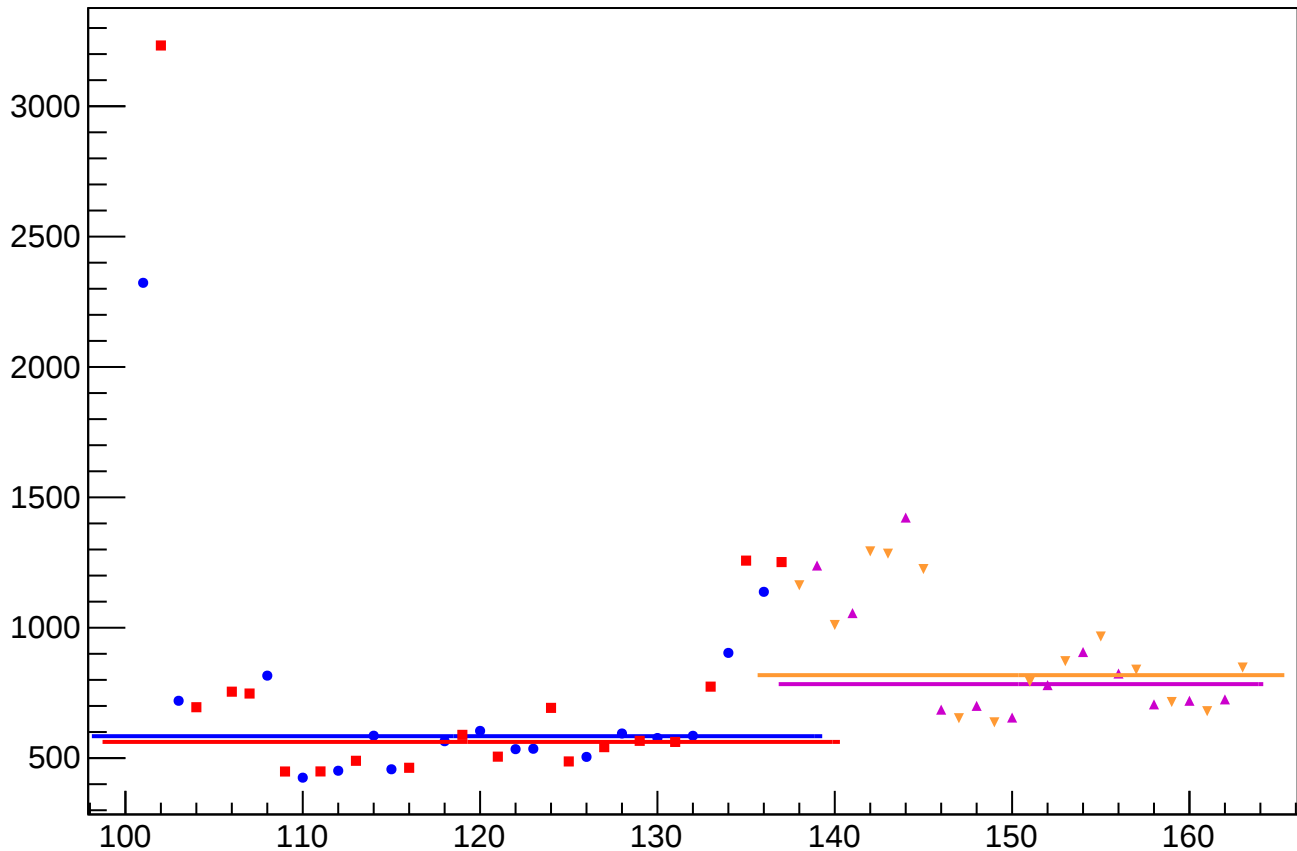
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 85.659 ± 174.666 χ^2/NDF : 27.7/28

Out: -220.115 ± 169.958 χ^2/NDF : 70.9/31

All: -71.404 ± 121.809 χ^2/NDF : 100.1/60

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 $\pm$ 0.169 χ^2/NDF : 1436613.4/16

Left Out: 818.142 $\pm$ 0.183 χ^2/NDF :1032094.9/13

Right Out: 562.122 $\pm$ 0.160 χ^2/NDF : 1525298.9/17

Left In: 783.705 $\pm$ 0.181 χ^2/NDF :866900.4/11

Left: 800.785 $\pm$ 0.129 χ^2/NDF : 1916935.8/25

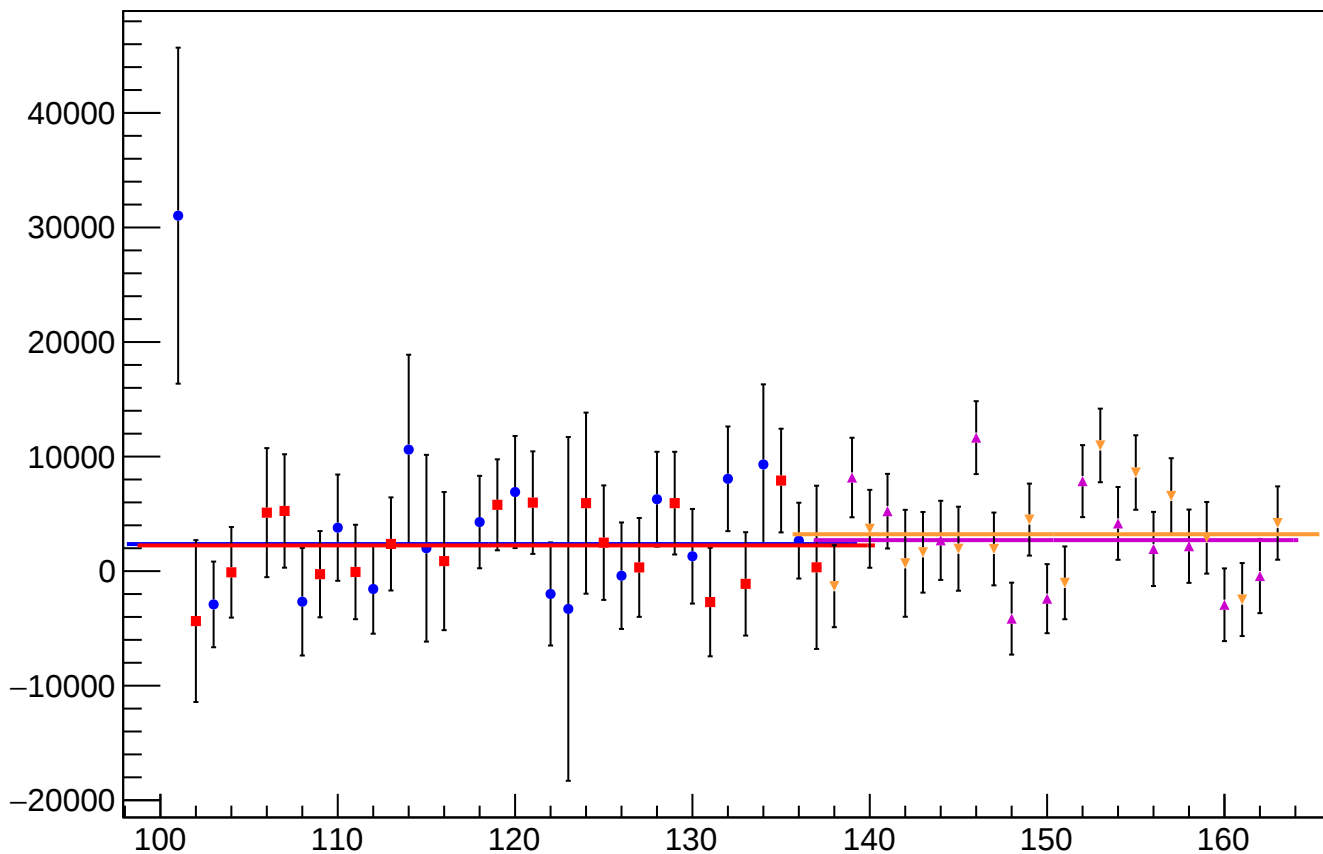
Right: 572.473 $\pm$ 0.116 χ^2/NDF : 2970817.1/34

In: 676.950 $\pm$ 0.124 χ^2/NDF :2953639.2/28

Out: 673.108 $\pm$ 0.120 χ^2/NDF :3671902.9/31

All: 674.977 $\pm$ 0.086 χ^2/NDF : 6626039.1/60

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3221.033 $\pm$ 895.653 χ^2 /NDF: 17.3/13

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2705.190 $\pm$ 928.824 χ^2 /NDF: 25.7/11

Left: 2972.487 $\pm$ 644.730 χ^2 /NDF: 43.1/25

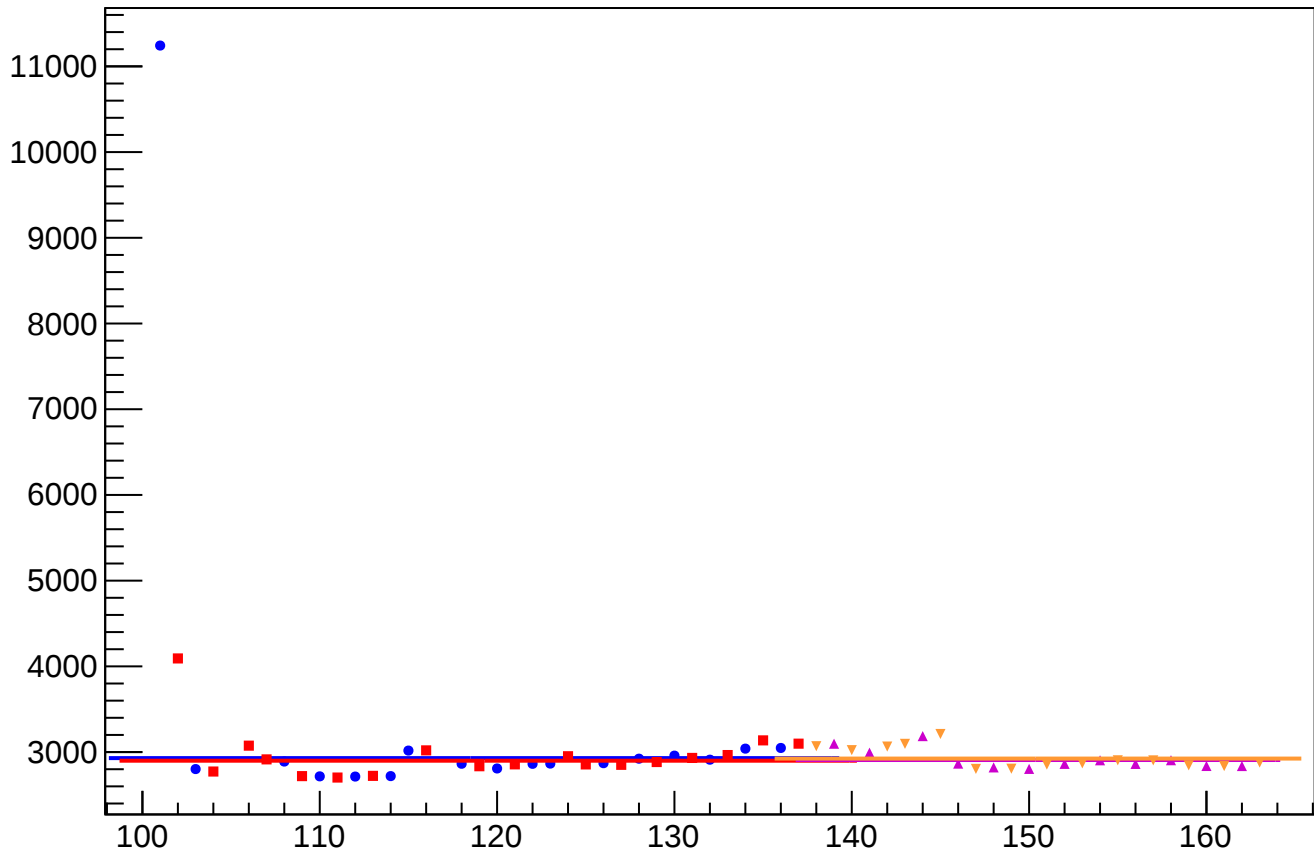
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2571.421 $\pm$ 725.025 χ^2 /NDF: 40.8/28

Out: 2837.121 $\pm$ 697.516 χ^2 /NDF: 26.3/31

All: 2709.407 $\pm$ 502.662 χ^2 /NDF: 67.2/60

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2924.238+/-0.633 χ^2/NDF : 34368.1/13

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2907.446+/-0.657 χ^2/NDF : 27337.2/11

Left: 2916.148+/-0.456 χ^2/NDF : 62044.0/25

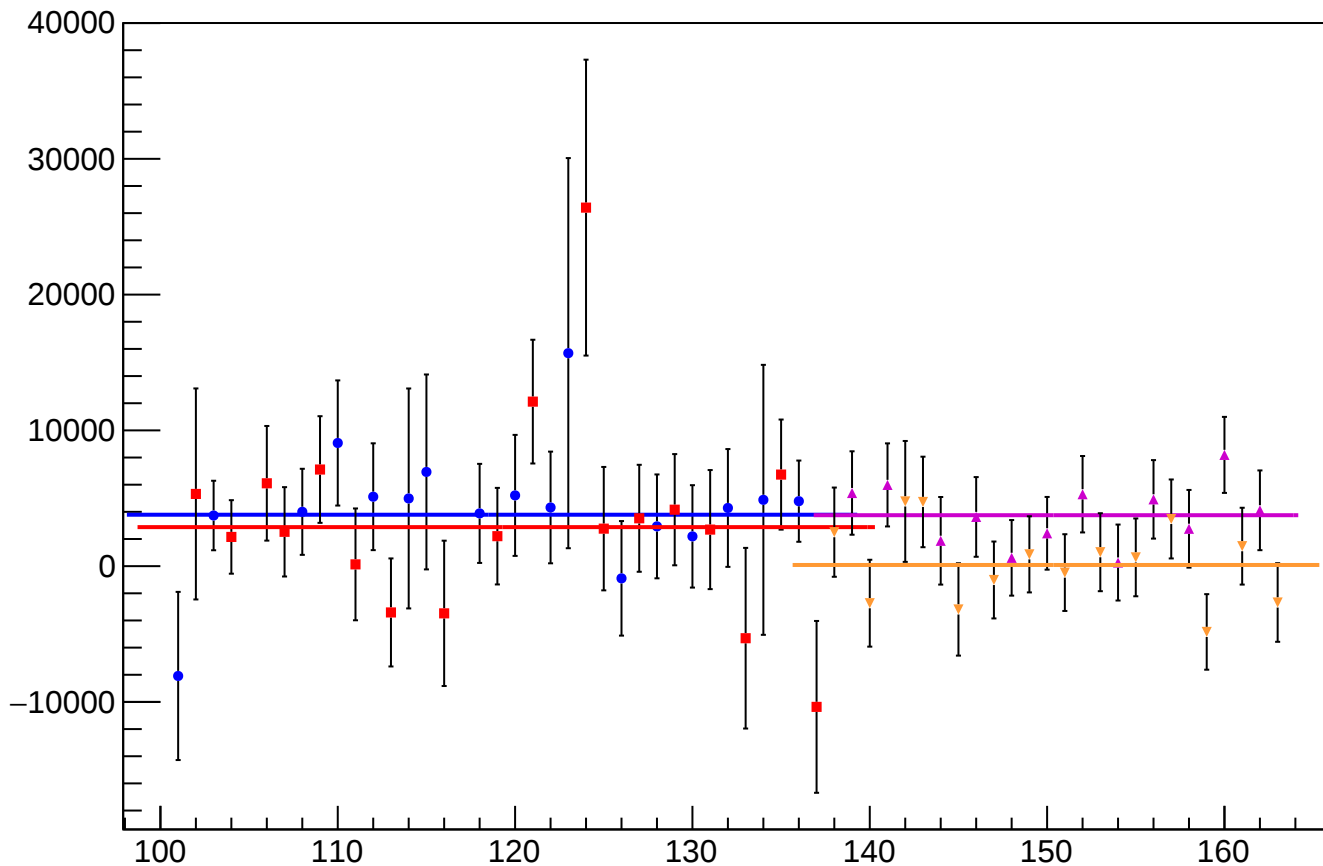
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2916.123+/-0.513 χ^2/NDF : 690412.9/28

Out: 2914.476+/-0.493 χ^2/NDF : 118514.9/31

All: 2915.268+/-0.355 χ^2/NDF : 808933.1/60

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 86.956 $\pm$ 808.700 χ^2/NDF : 11.4/13

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3752.715 $\pm$ 835.357 χ^2/NDF : 7.4/11

Left: 1860.415 $\pm$ 581.033 χ^2/NDF : 28.6/25

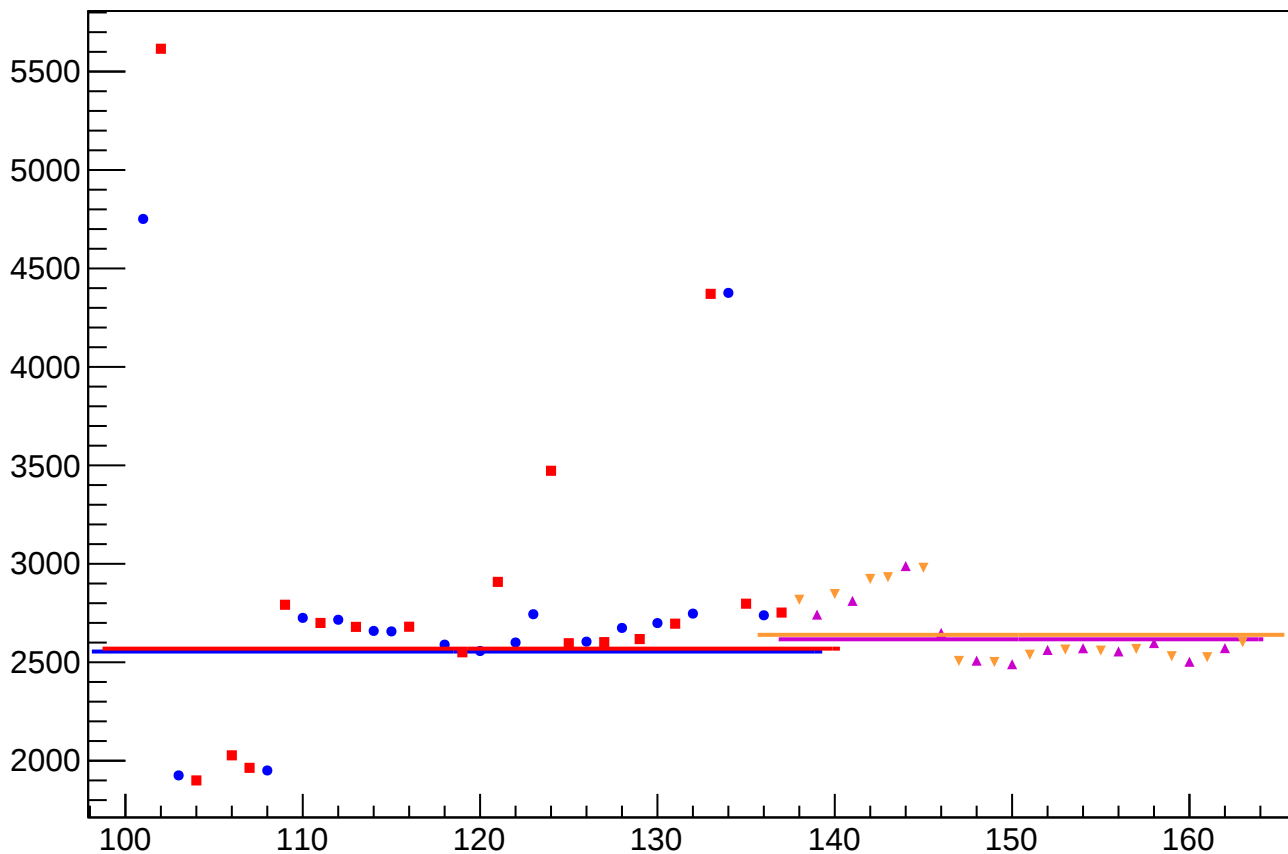
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3767.014 $\pm$ 643.225 χ^2/NDF : 15.1/28

Out: 1183.818 $\pm$ 629.821 χ^2/NDF : 38.0/31

All: 2448.222 $\pm$ 450.015 χ^2/NDF : 61.4/60

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.389 $\pm$ 0.572 χ^2 /NDF: 80380.0/13

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2616.709 $\pm$ 0.591 χ^2 /NDF: 51837.5/11

Left: 2628.417 $\pm$ 0.411 χ^2 /NDF: 132978.6/25

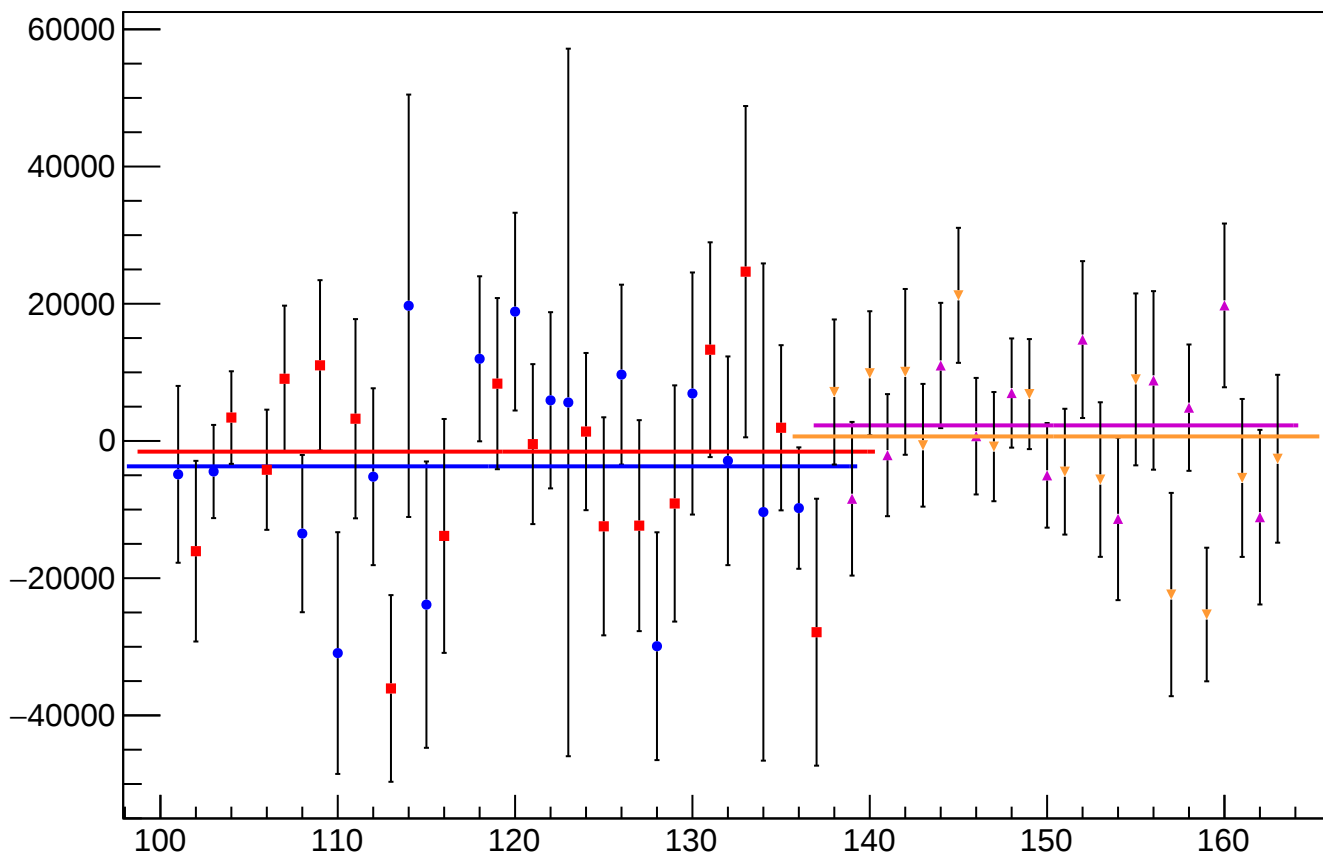
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2591.398 $\pm$ 0.455 χ^2 /NDF: 592973.4/28

Out: 2611.781 $\pm$ 0.445 χ^2 /NDF: 809633.4/31

All: 2601.806 $\pm$ 0.318 χ^2 /NDF: 1403632.3/60

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 χ^2/NDF : 13.8/16

Left Out: 659.983 ± 2695.239 χ^2/NDF : 18.0/13

Right Out: -1555.707 ± 2911.769 χ^2/NDF : 16.8/17

Left In: 2270.261 ± 2827.004 χ^2/NDF : 9.5/11

Left: 1426.721 ± 1950.741 χ^2/NDF : 27.6/25

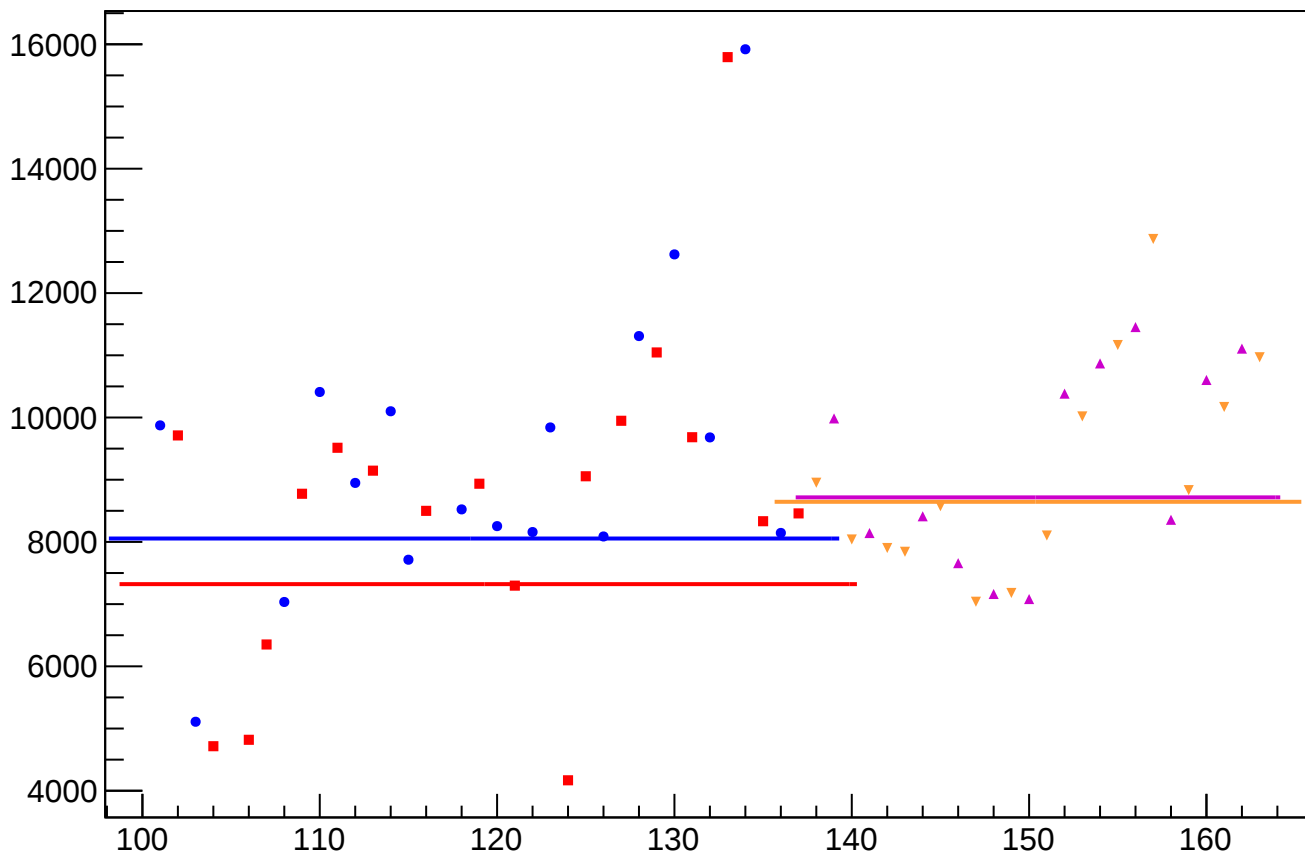
Right: -2520.832 ± 2159.052 χ^2/NDF : 30.8/34

In: -330.252 ± 2123.807 χ^2/NDF : 25.2/28

Out: -362.424 ± 1977.946 χ^2/NDF : 35.1/31

All: -347.481 ± 1447.440 χ^2/NDF : 60.3/60

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8644.998 $\pm$ 1.906 χ^2 /NDF: 570925.1/13

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8716.076 $\pm$ 1.999 χ^2 /NDF: 556170.8/11

Left: 8678.842 $\pm$ 1.379 χ^2 /NDF: 1127758.3/25

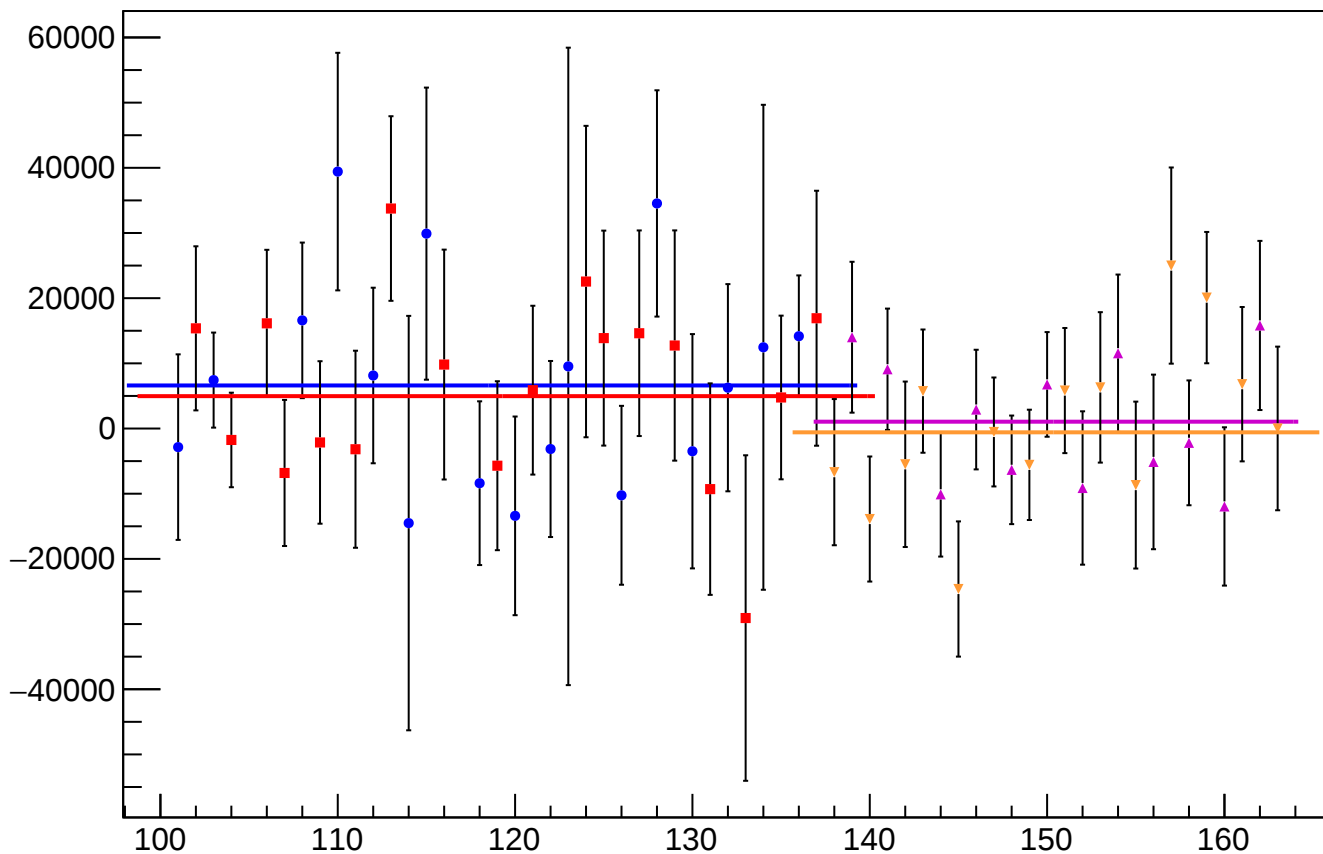
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8428.004 $\pm$ 1.502 χ^2 /NDF: 1424607.9/28

Out: 8034.250 $\pm$ 1.399 χ^2 /NDF: 2129440.2/31

All: 8217.142 $\pm$ 1.023 χ^2 /NDF: 3590862.9/60

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -583.541 $\pm$ 2817.185 χ^2/NDF : 17.2/13

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 1049.043 $\pm$ 2948.094 χ^2/NDF : 9.0/11

Left: 195.700 $\pm$ 2036.758 χ^2/NDF : 26.4/25

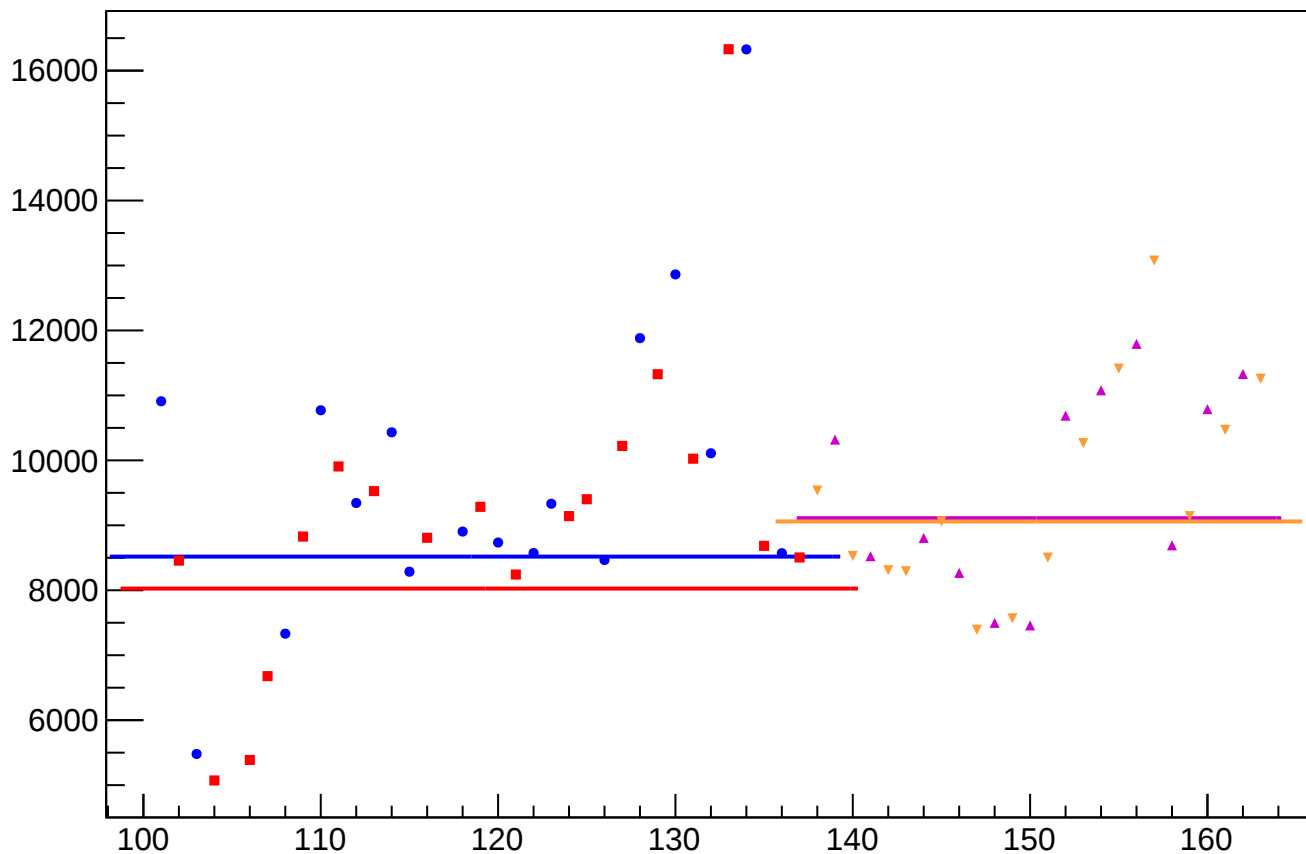
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 3437.813 $\pm$ 2226.216 χ^2/NDF : 25.2/28

Out: 1860.209 $\pm$ 2107.795 χ^2/NDF : 32.5/31

All: 2605.937 $\pm$ 1530.589 χ^2/NDF : 57.9/60

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9059.367+/-1.992 χ^2/NDF : 499934.1/13

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9109.808+/-2.085 χ^2/NDF : 478206.8/11

Left: 9083.443+/-1.440 χ^2/NDF : 978447.0/25

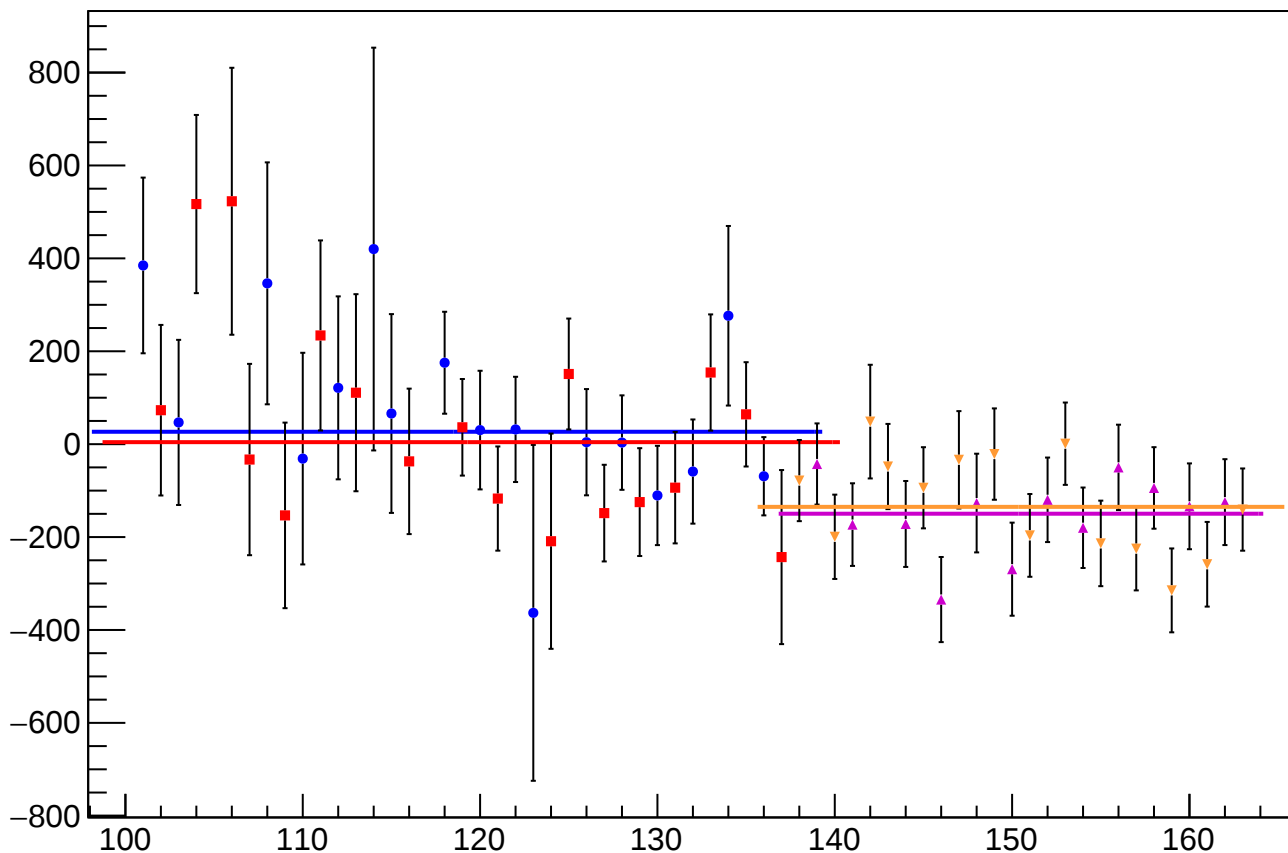
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8855.585+/-1.574 χ^2/NDF : 1284807.1/28

Out: 8604.471+/-1.490 χ^2/NDF : 1561045.2/31

All: 8723.170+/-1.082 χ^2/NDF : 2859270.8/60

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -134.969 $\pm$ 24.773 χ^2 /NDF:16.9/13

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -149.731 $\pm$ 26.555 χ^2 /NDF:9.1/11

Left: -141.838 $\pm$ 18.114 χ^2 /NDF: 26.2/25

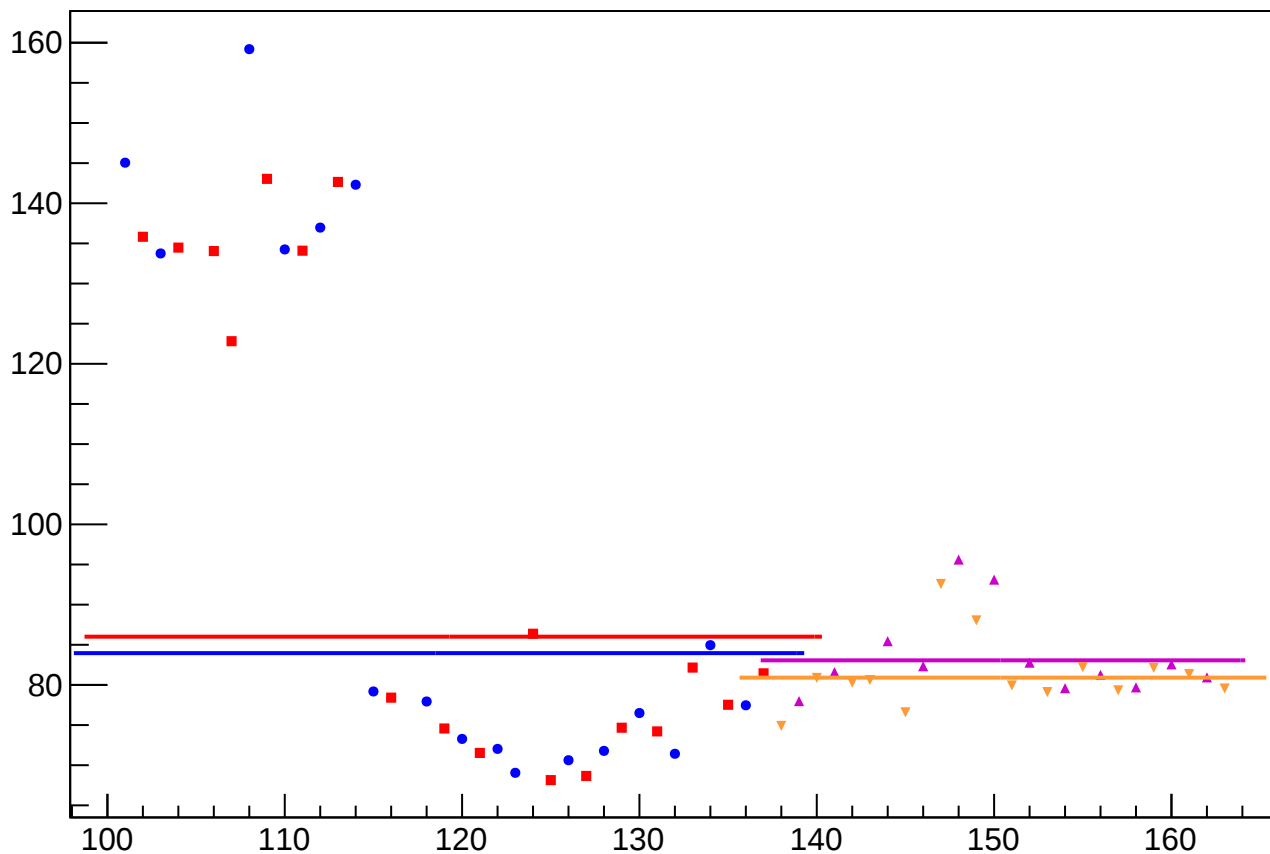
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -81.957 $\pm$ 20.840 χ^2 /NDF:40.6/28

Out: -86.366 $\pm$ 19.989 χ^2 /NDF:51.9/31

All: -84.253 $\pm$ 14.426 χ^2 /NDF: 92.5/60

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.907 $\pm$ 0.018 χ^2 /NDF: 52716.9/13

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 83.063 $\pm$ 0.019 χ^2 /NDF: 64852.9/11

Left: 81.911 $\pm$ 0.013 χ^2 /NDF: 124618.7/25

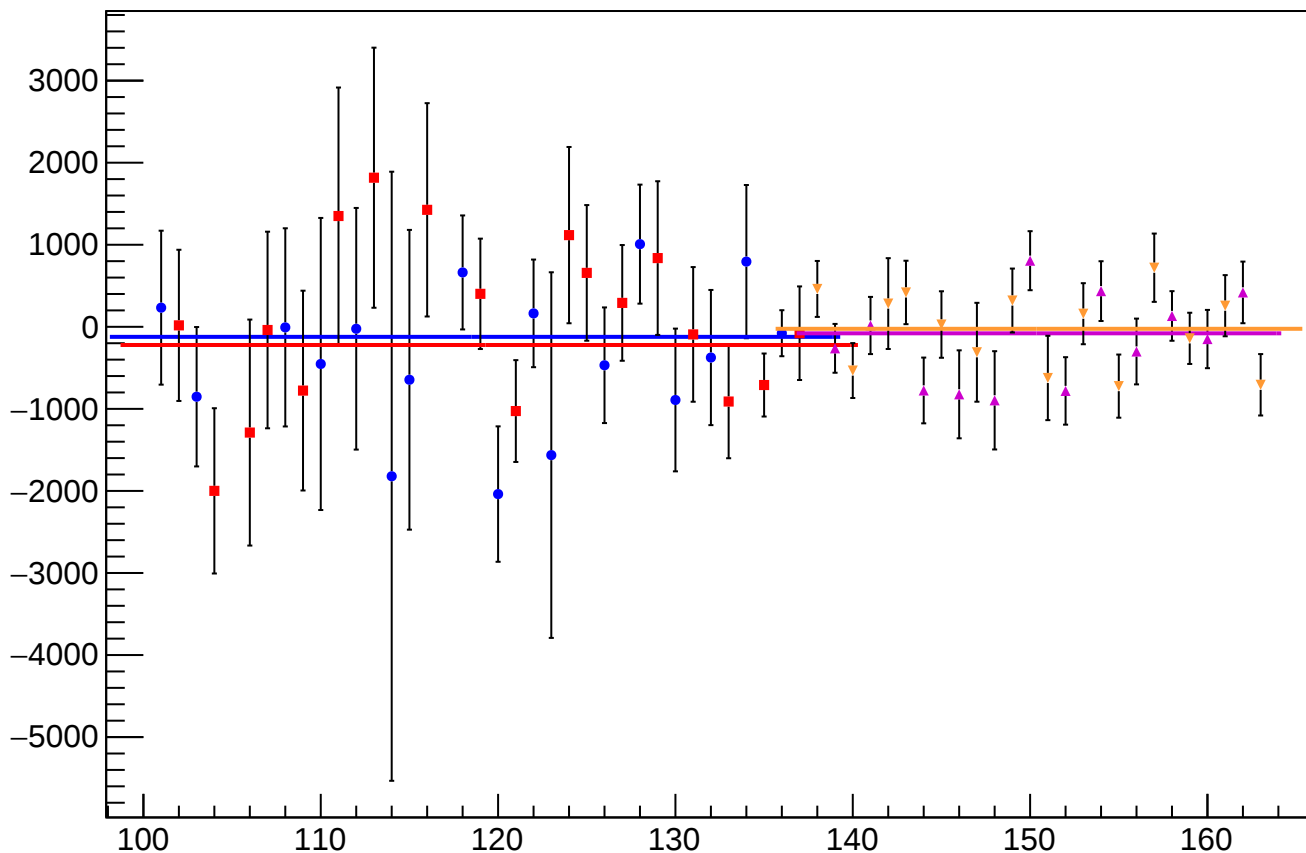
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.408 $\pm$ 0.015 χ^2 /NDF: 1025983.4/28

Out: 82.688 $\pm$ 0.014 χ^2 /NDF: 1108748.7/31

All: 83.033 $\pm$ 0.010 χ^2 /NDF: 2135974.3/60

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -24.212+/-104.783 χ^2/NDF :19.1/13

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -79.300+/-108.209 χ^2/NDF :20.8/11

Left: -50.870+/-75.275 χ^2/NDF : 40.1/25

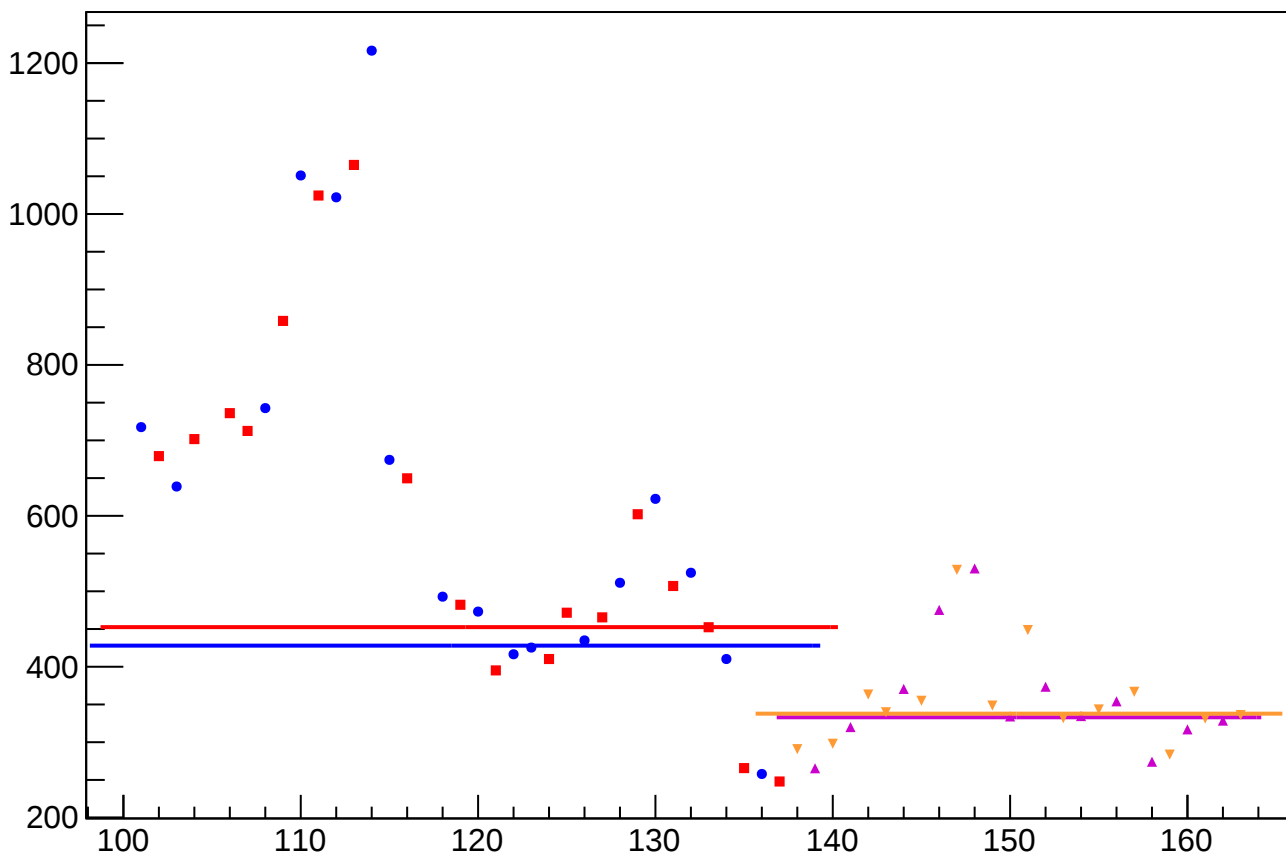
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -90.783+/-92.684 χ^2/NDF :33.9/28

Out: -72.098+/-91.186 χ^2/NDF :38.0/31

All: -81.288+/-65.001 χ^2/NDF : 71.9/60

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 337.828 $\pm$ 0.074 χ^2 /NDF:440643.7/13

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 333.011 $\pm$ 0.077 χ^2 /NDF:586729.4/11

Left: 335.497 $\pm$ 0.053 χ^2 /NDF: 1029418.6/25

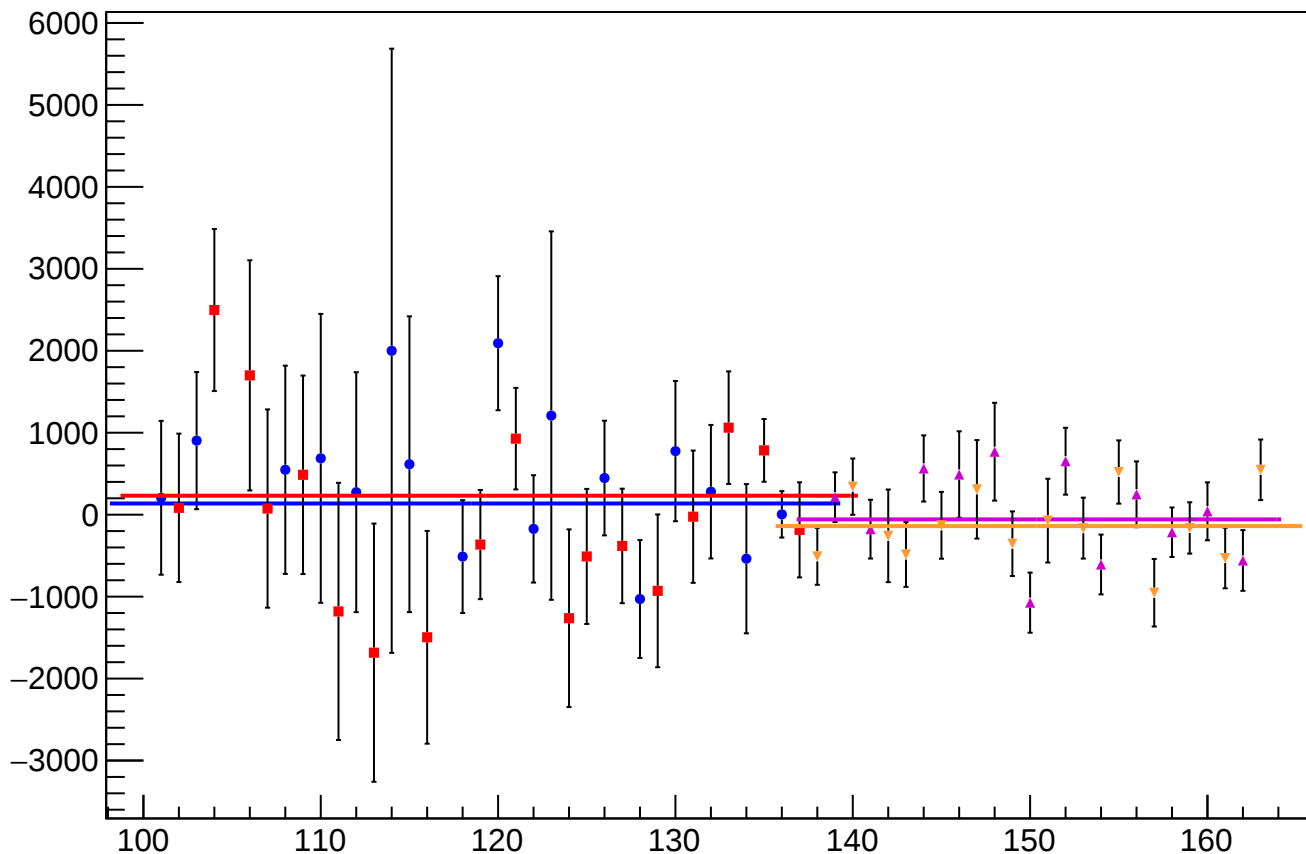
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 358.308 $\pm$ 0.066 χ^2 /NDF:3059347.0/28

Out: 365.660 $\pm$ 0.064 χ^2 /NDF:3095069.3/31

All: 362.044 $\pm$ 0.046 χ^2 /NDF: 6160810.0/60

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -139.434 $\pm$ 105.371 χ^2 /NDF:16.2/13

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -57.561 $\pm$ 108.740 χ^2 /NDF:22.0/11

Left: -99.786 $\pm$ 75.672 χ^2 /NDF: 38.5/25

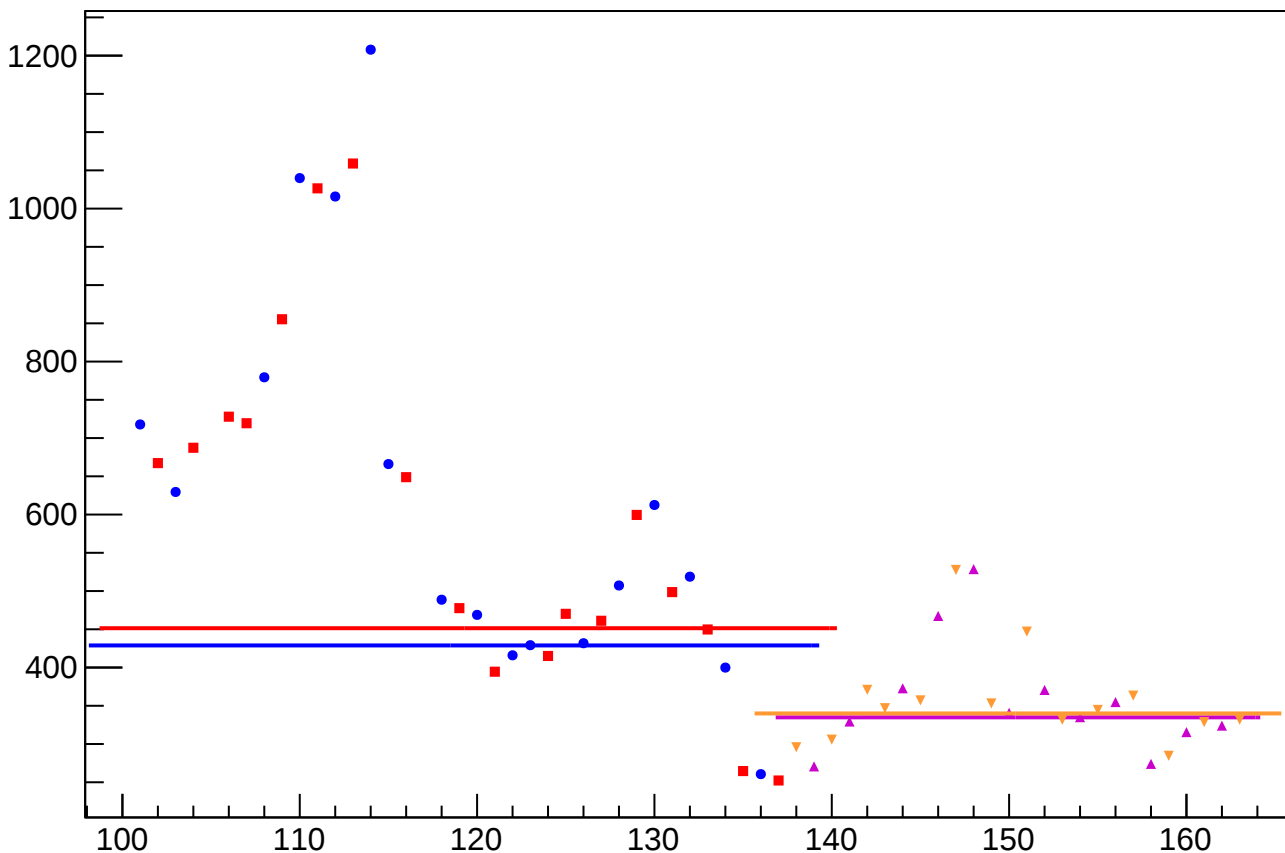
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -5.426 $\pm$ 93.021 χ^2 /NDF:35.5/28

Out: -48.240 $\pm$ 91.509 χ^2 /NDF:41.0/31

All: -27.183 $\pm$ 65.235 χ^2 /NDF: 76.6/60

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 339.972 $\pm$ 0.075 χ^2/NDF : 420226.4/13

Right Out: 451.411 $\pm$ 0.131 χ^2/NDF : 2030742.8/17

Left In: 334.871 $\pm$ 0.077 χ^2/NDF : 554288.3/11

Left: 337.501 $\pm$ 0.054 χ^2/NDF : 976784.3/25

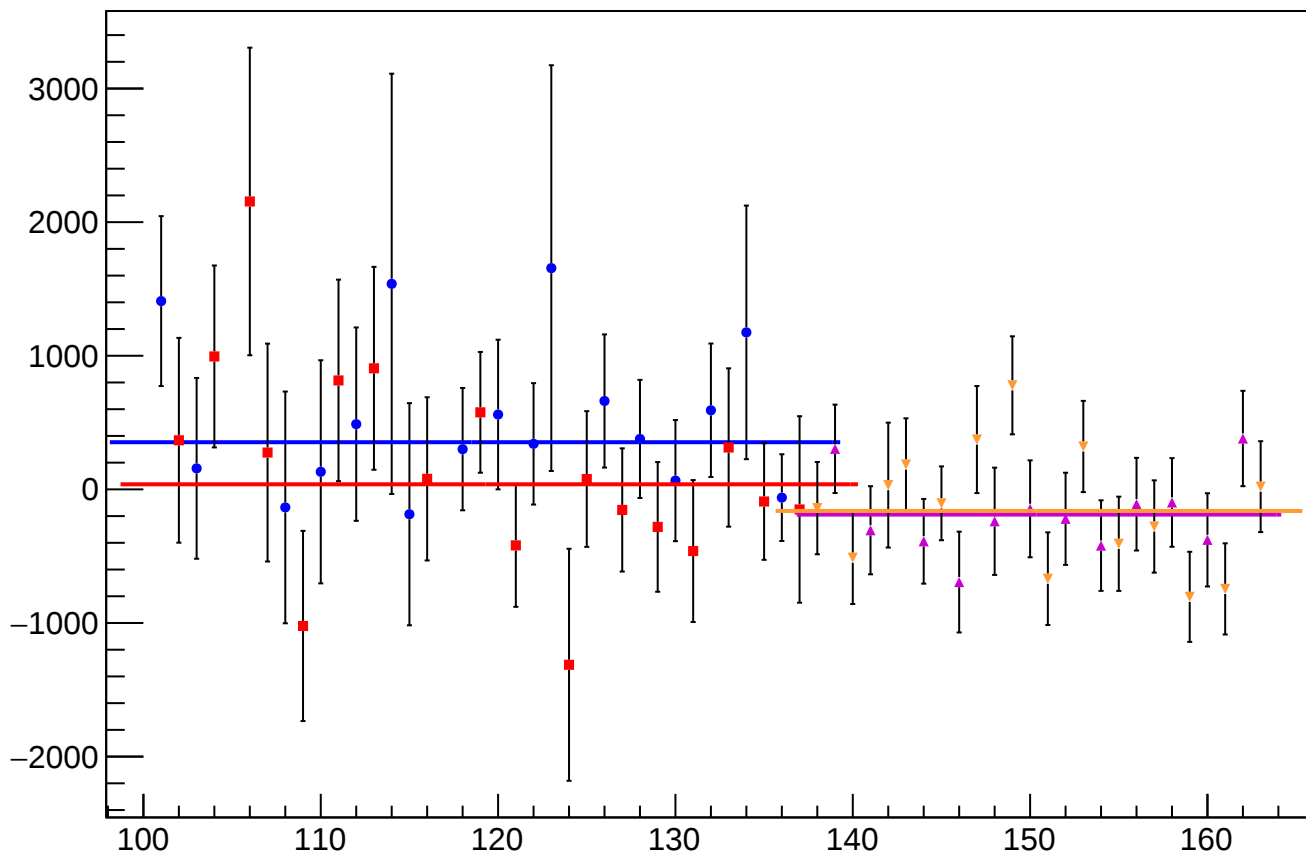
Right: 439.843 $\pm$ 0.091 χ^2/NDF : 4056629.4/34

In: 360.089 $\pm$ 0.066 χ^2/NDF : 2965912.1/28

Out: 367.363 $\pm$ 0.065 χ^2/NDF : 3000809.4/31

All: 363.785 $\pm$ 0.046 χ^2/NDF : 5972935.6/60

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: -161.476 $\pm$ 92.958 χ^2 /NDF:22.2/13

Right Out: 37.982 $\pm$ 139.023 χ^2 /NDF: 16.9/17

Left In: -188.725 $\pm$ 100.147 χ^2 /NDF:8.0/11

Left: -174.087 $\pm$ 68.131 χ^2 /NDF: 30.2/25

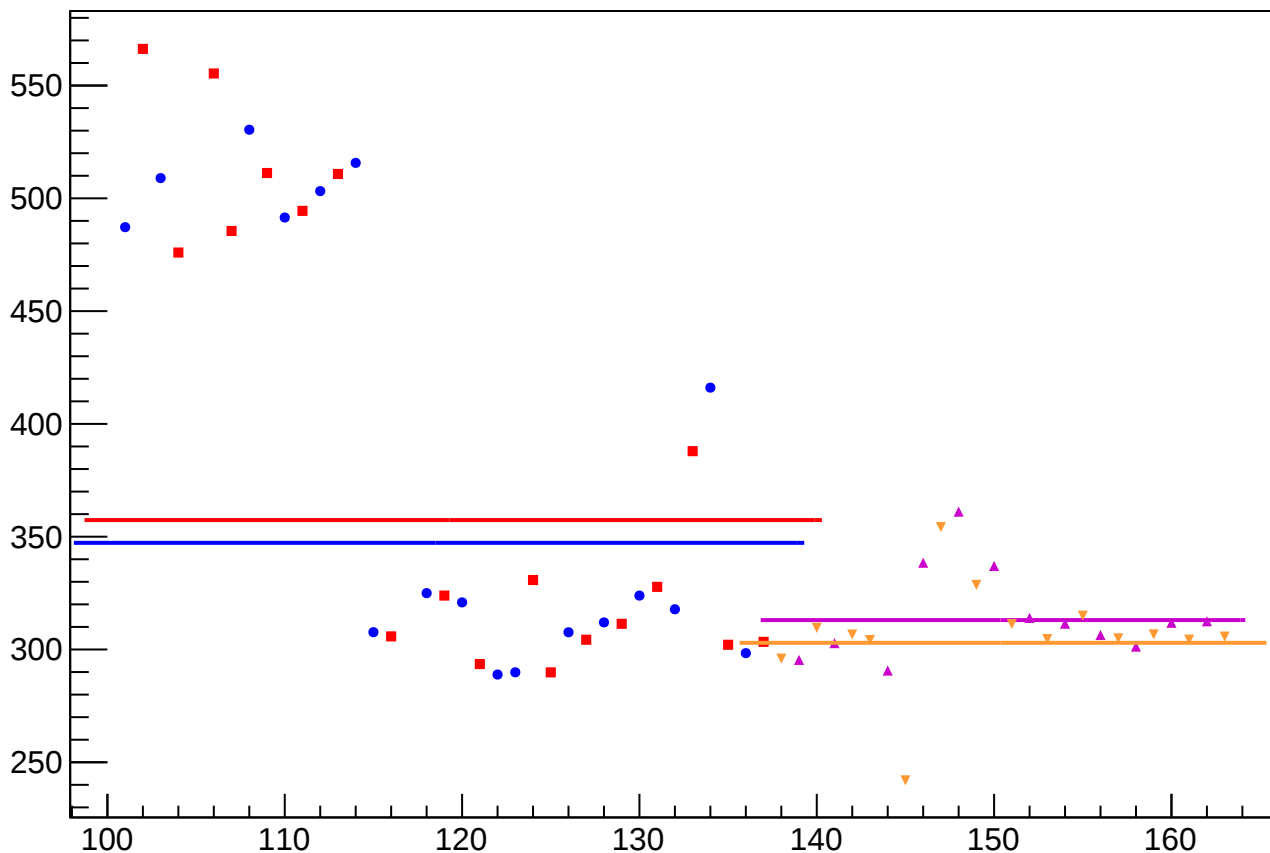
Right: 197.421 $\pm$ 97.689 χ^2 /NDF: 28.1/34

In: -0.620 $\pm$ 80.910 χ^2 /NDF:26.7/28

Out: -99.851 $\pm$ 77.275 χ^2 /NDF:40.5/31

All: -52.515 $\pm$ 55.883 χ^2 /NDF: 68.0/60

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.957+/-0.066 χ^2/NDF :145692.4/13

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 313.038+/-0.071 χ^2/NDF :67423.3/11

Left: 307.623+/-0.048 χ^2/NDF : 224002.5/25

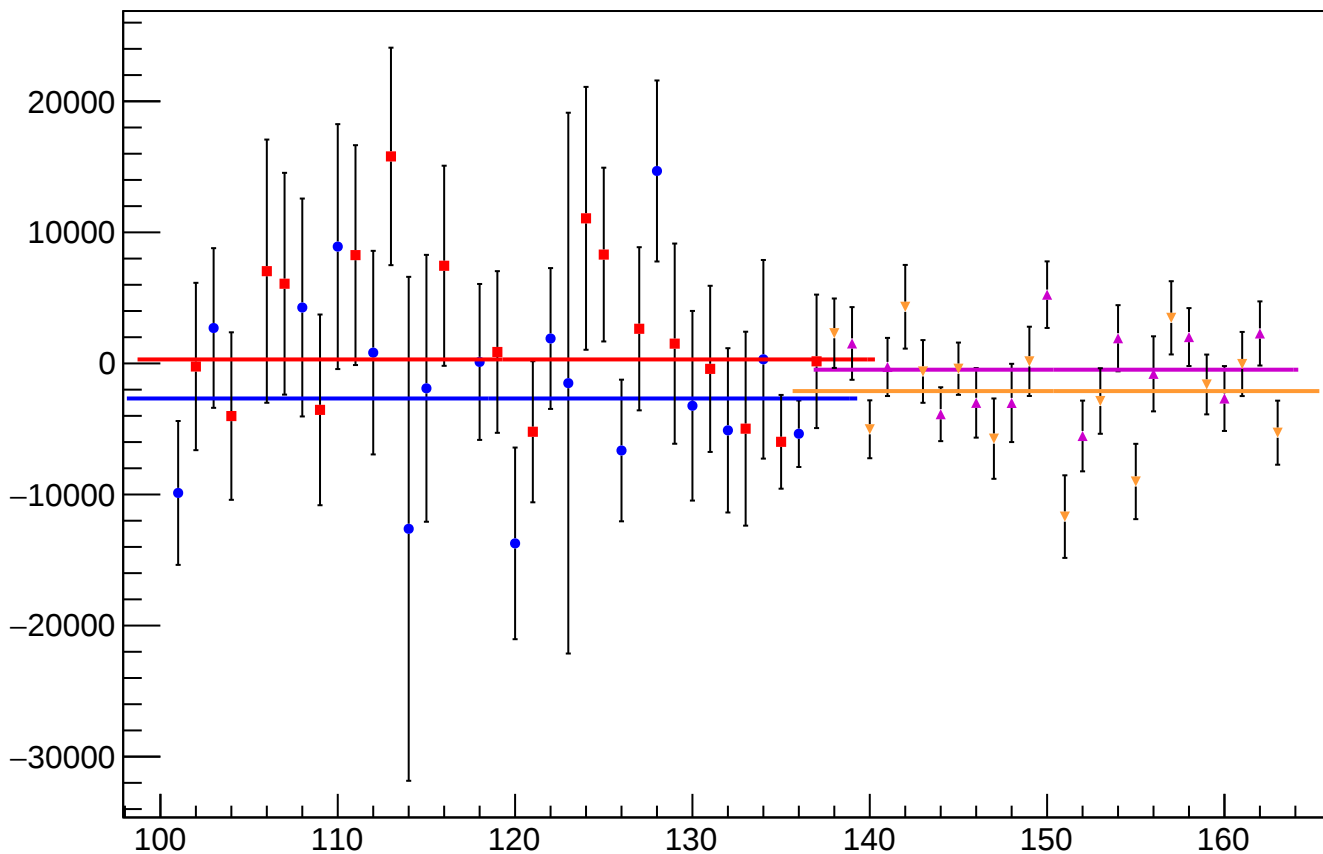
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 324.930+/-0.057 χ^2/NDF :767526.1/28

Out: 319.767+/-0.055 χ^2/NDF :1117311.0/31

All: 322.230+/-0.040 χ^2/NDF : 1889095.7/60

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2110.460+/-680.777 χ^2/NDF : 33.4/13

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -478.570+/-719.740 χ^2/NDF : 17.7/11

Left: -1339.879+/-494.583 χ^2/NDF : 53.8/25

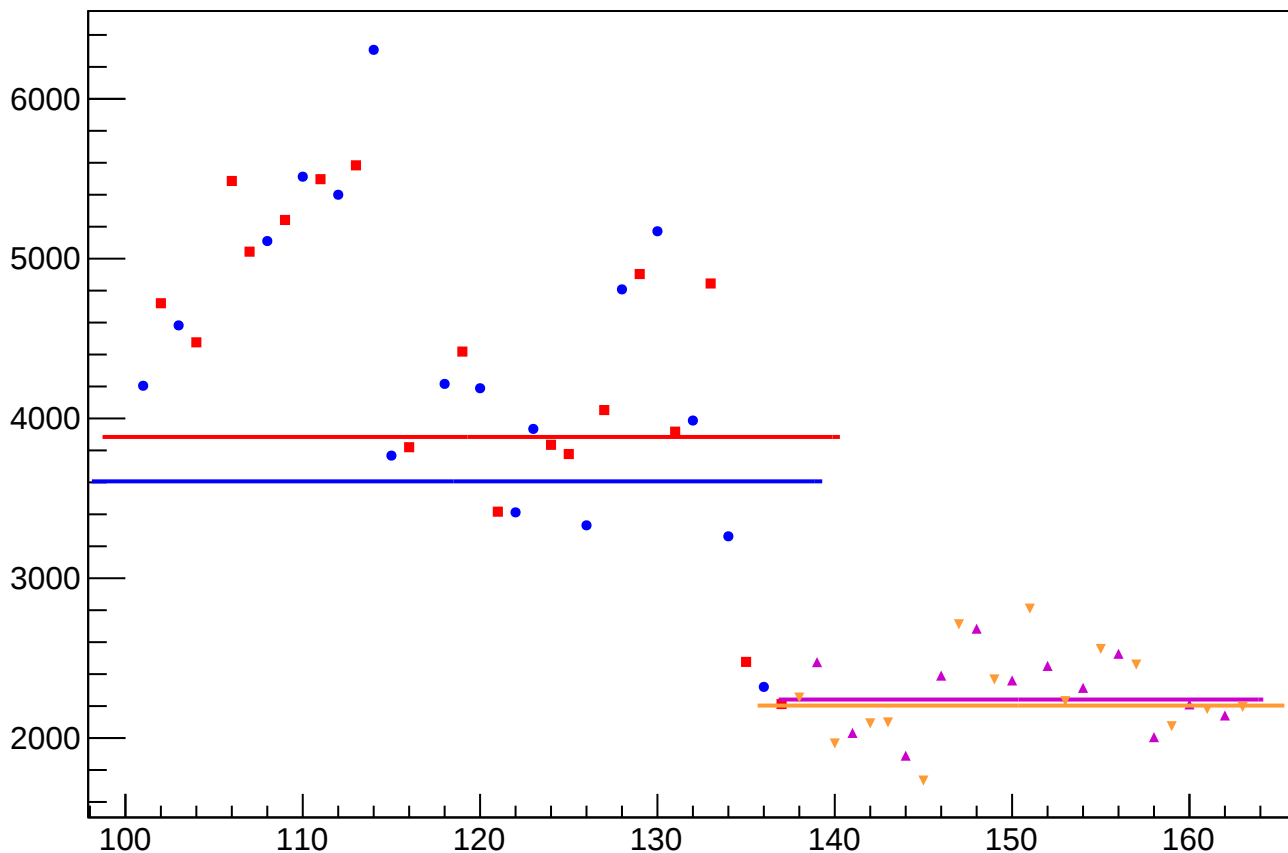
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -909.609+/-645.229 χ^2/NDF : 36.3/28

Out: -1705.954+/-621.159 χ^2/NDF : 49.9/31

All: -1322.912+/-447.493 χ^2/NDF : 87.0/60

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.202 $\pm$ 0.481 χ^2/NDF : 331764.9/13

Right Out: 3884.203 $\pm$ 1.073 χ^2/NDF : 994574.5/17

Left In: 2240.915 $\pm$ 0.509 χ^2/NDF : 205472.7/11

Left: 2221.010 $\pm$ 0.350 χ^2/NDF : 540135.7/25

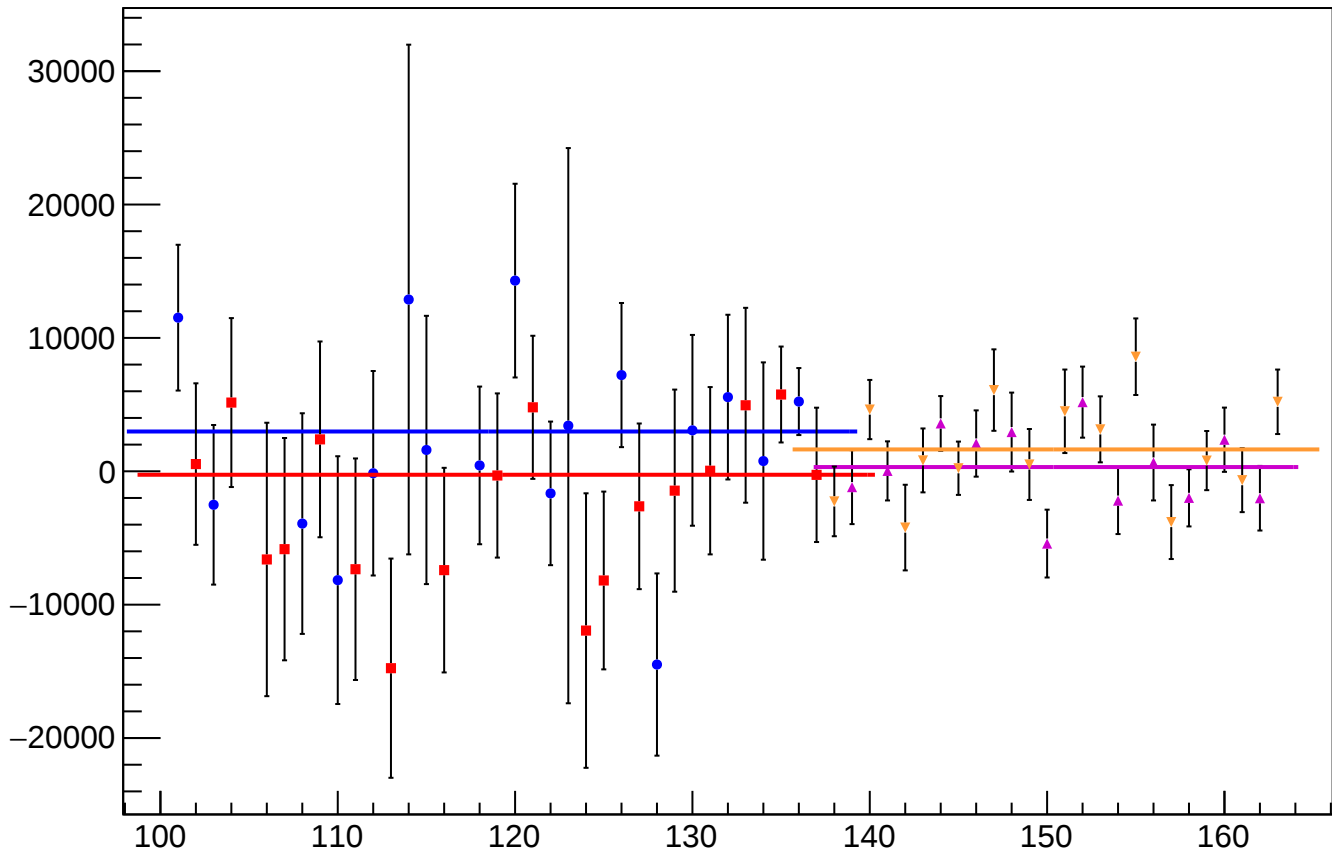
Right: 3739.524 $\pm$ 0.743 χ^2/NDF : 2121988.0/34

In: 2508.996 $\pm$ 0.456 χ^2/NDF : 2711241.5/28

Out: 2484.733 $\pm$ 0.439 χ^2/NDF : 3368609.6/31

All: 2496.403 $\pm$ 0.316 χ^2/NDF : 6081318.9/60

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1639.527+/-676.491 χ^2/NDF : 24.5/13

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 317.772+/-709.412 χ^2/NDF : 16.4/11

Left: 1010.029+/-489.576 χ^2/NDF : 42.7/25

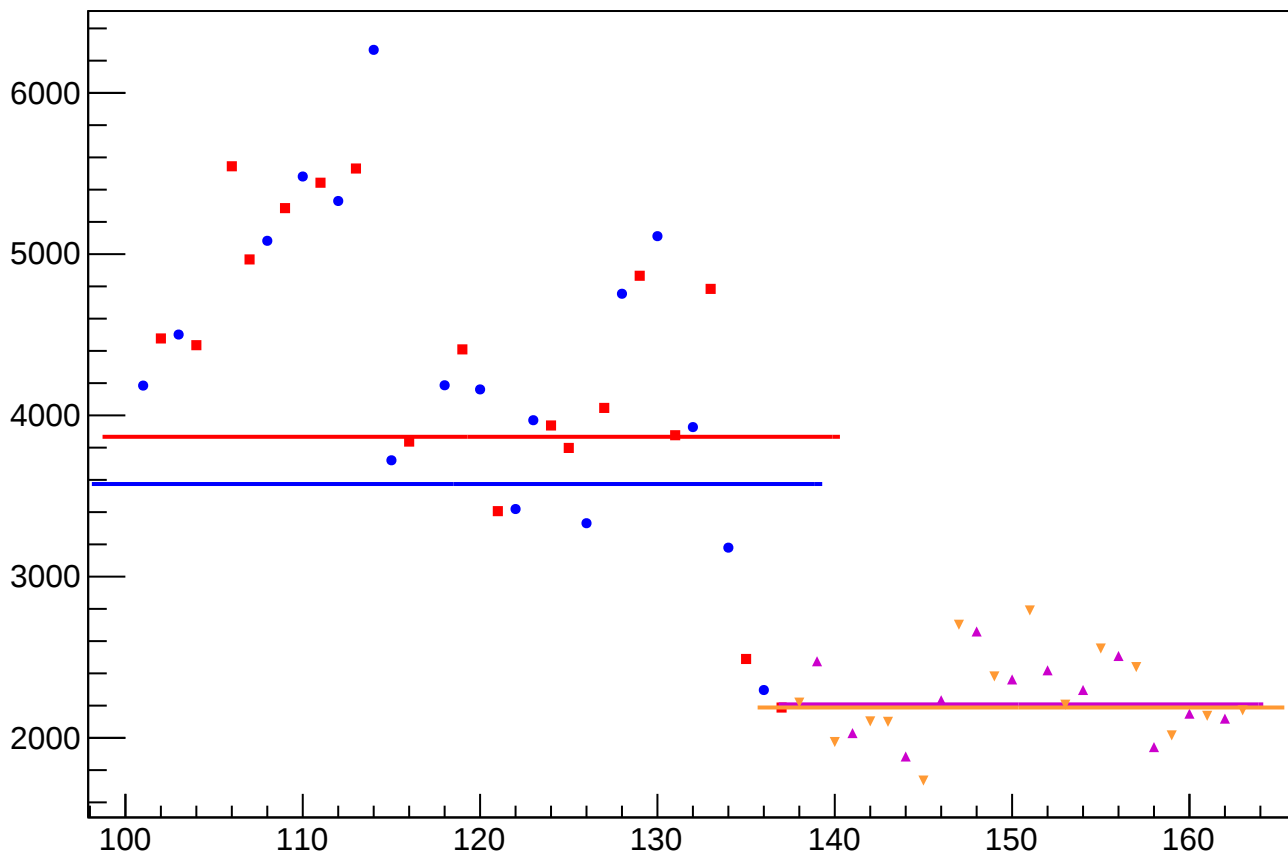
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 836.307+/-636.690 χ^2/NDF : 36.6/28

Out: 1322.170+/-617.390 χ^2/NDF : 39.3/31

All: 1086.714+/-443.227 χ^2/NDF : 76.2/60

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2188.408 $\pm$ 0.478 χ^2 /NDF:328969.6/13

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2207.639 $\pm$ 0.502 χ^2 /NDF:207349.8/11

Left: 2197.567 $\pm$ 0.346 χ^2 /NDF: 537089.1/25

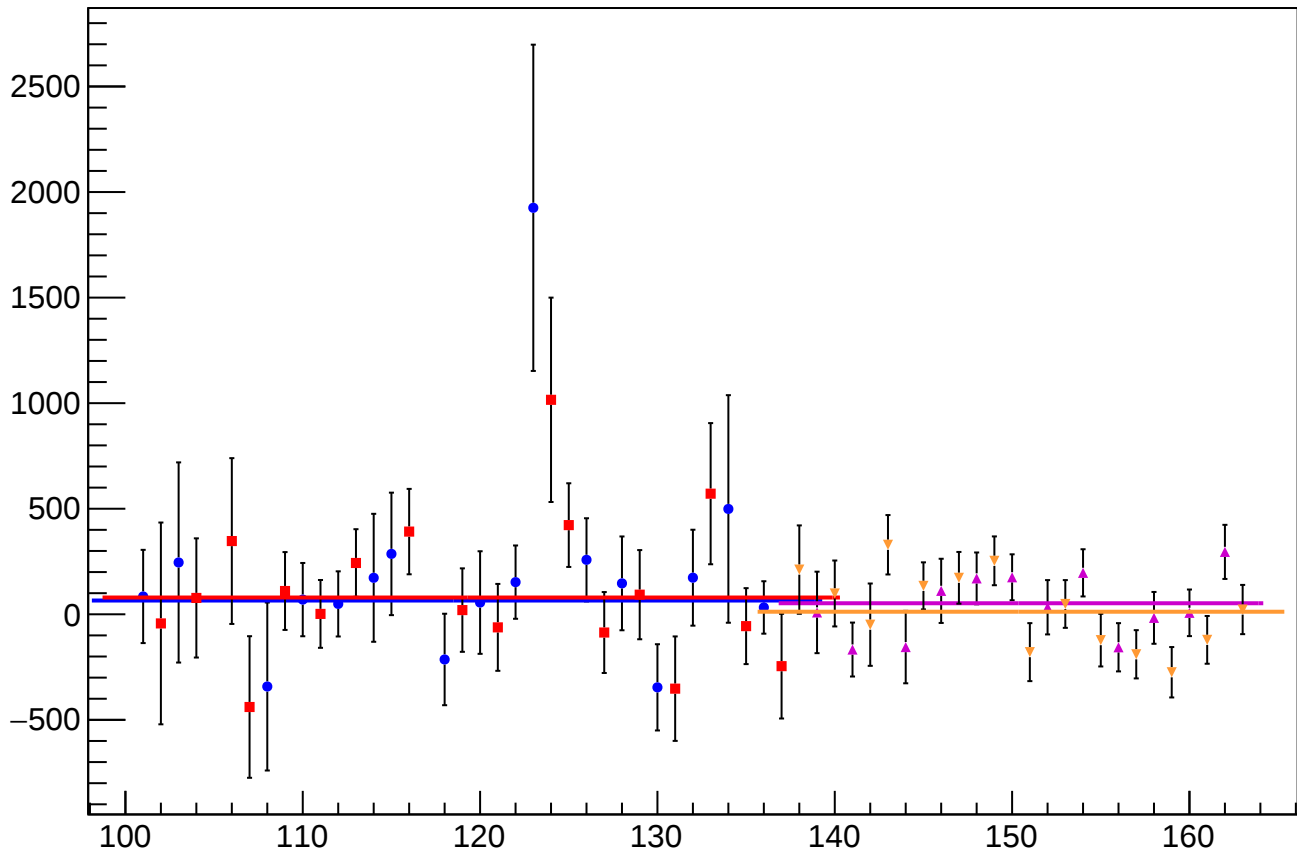
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2473.482 $\pm$ 0.450 χ^2 /NDF:2742607.2/28

Out: 2468.933 $\pm$ 0.437 χ^2 /NDF:3355287.7/31

All: 2471.137 $\pm$ 0.313 χ^2 /NDF: 6097947.6/60

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 12.150 $\pm$ 34.166 χ^2 /NDF:27.2/13

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 52.316 $\pm$ 36.693 χ^2 /NDF:15.9/11

Left: 30.802 $\pm$ 25.005 χ^2 /NDF: 43.7/25

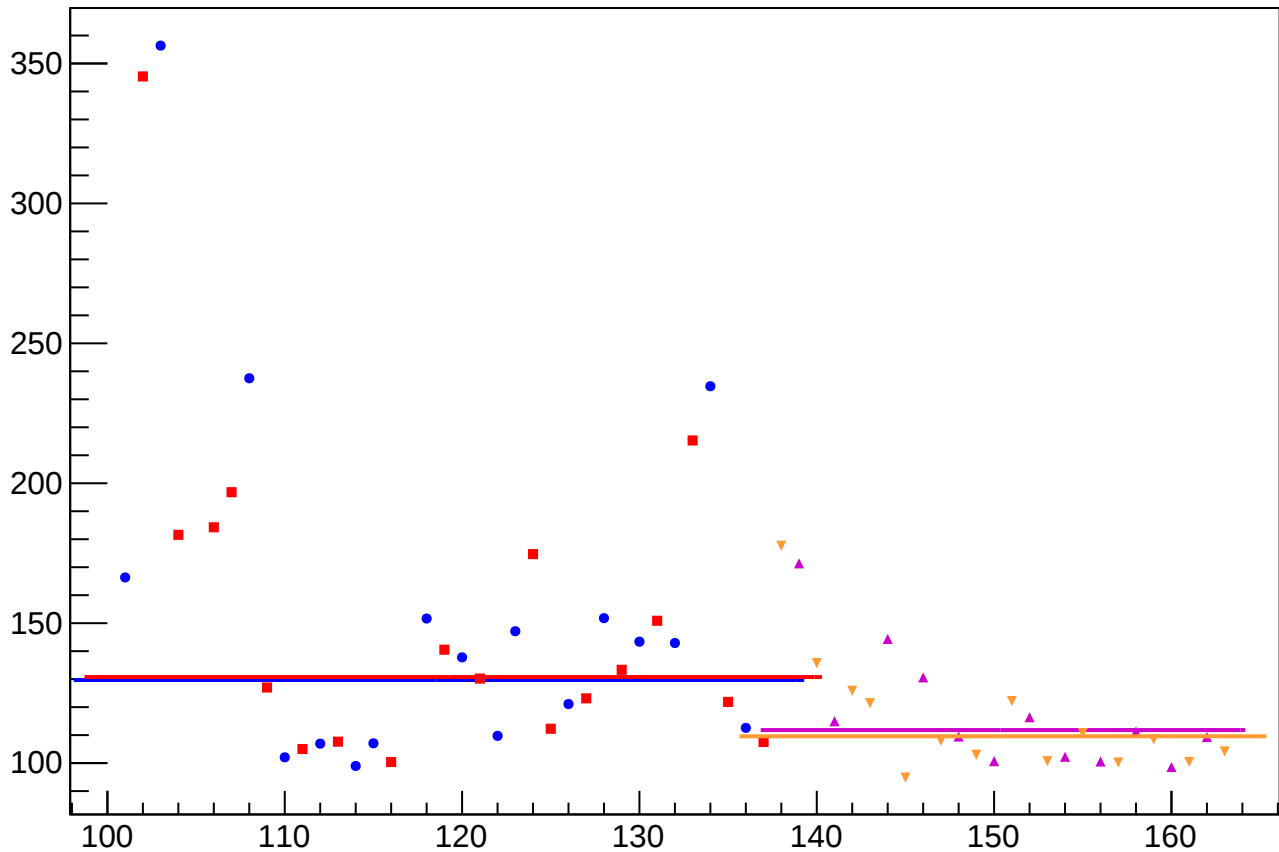
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 56.531 $\pm$ 30.113 χ^2 /NDF:31.7/28

Out: 32.264 $\pm$ 28.611 χ^2 /NDF:50.5/31

All: 43.777 $\pm$ 20.742 χ^2 /NDF: 82.5/60

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2/NDF : 989682.4/16

Left Out: 109.579 $\pm$ 0.024 χ^2/NDF :398236.5/13

Right Out: 130.751 $\pm$ 0.037 χ^2/NDF : 927534.3/17

Left In: 111.811 $\pm$ 0.026 χ^2/NDF :381960.0/11

Left: 110.616 $\pm$ 0.018 χ^2/NDF : 784158.2/25

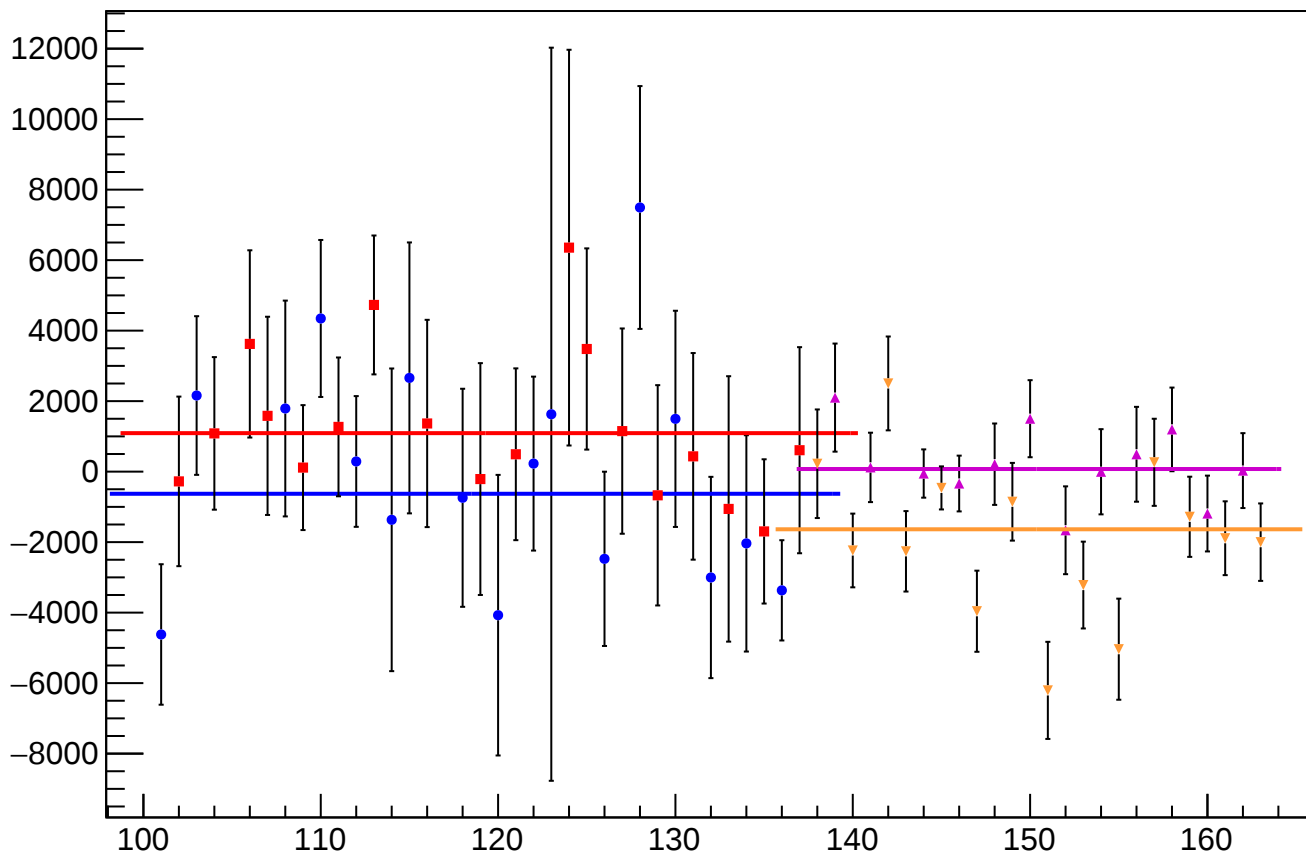
Right: 130.228 $\pm$ 0.026 χ^2/NDF : 1917619.9/34

In: 117.650 $\pm$ 0.021 χ^2/NDF :1526795.3/28

Out: 115.905 $\pm$ 0.020 χ^2/NDF :1555220.6/31

All: 116.733 $\pm$ 0.015 χ^2/NDF : 3085548.3/60

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1635.672 ± 291.520 χ^2/NDF : 40.9/13

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 74.181 ± 299.950 χ^2/NDF : 8.1/11

Left: -805.109 ± 209.052 χ^2/NDF : 65.7/25

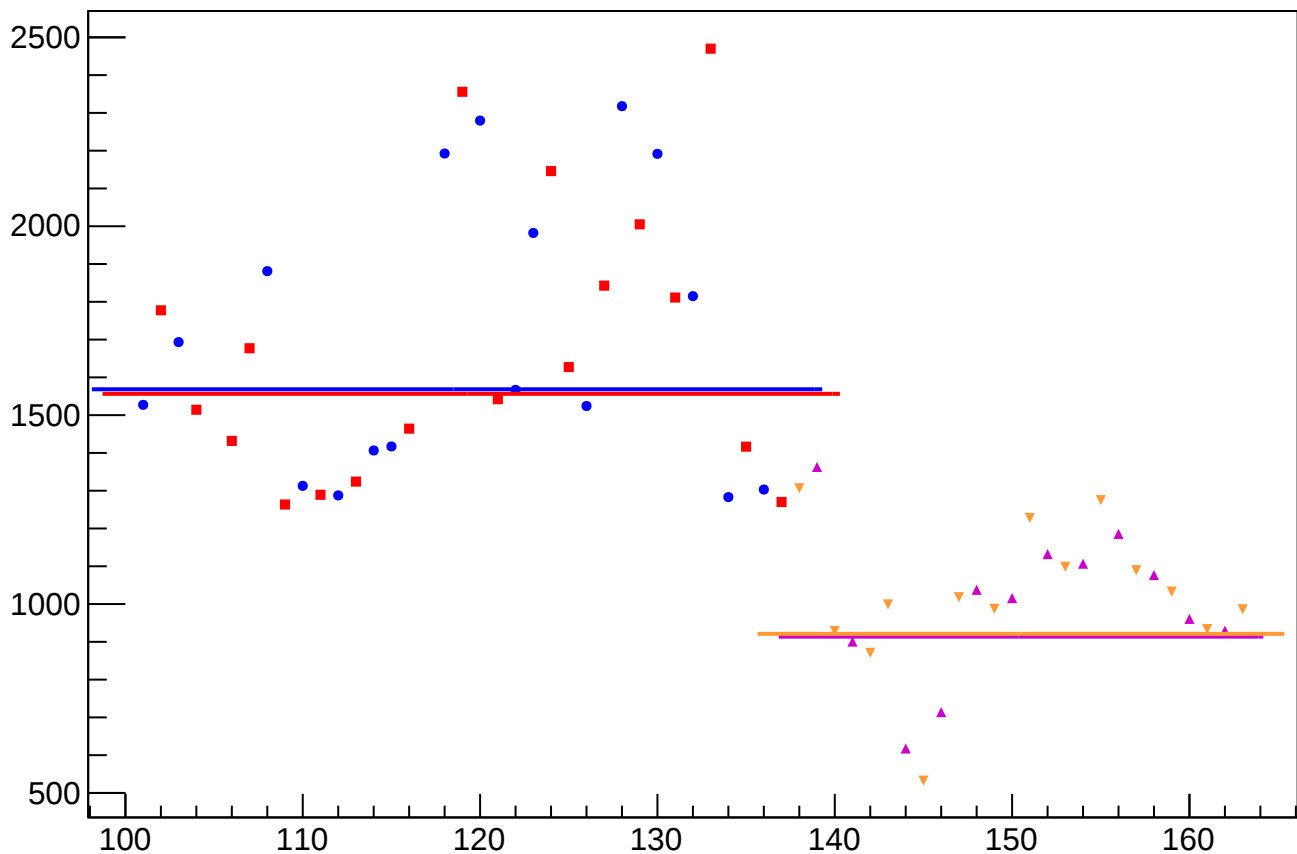
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -58.513 ± 270.133 χ^2/NDF : 33.4/28

Out: -1114.019 ± 262.166 χ^2/NDF : 67.1/31

All: -602.062 ± 188.133 χ^2/NDF : 108.3/60

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 921.159 $\pm$ 0.206 χ^2 /NDF:1294145.8/13

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 913.704 $\pm$ 0.212 χ^2 /NDF:950038.9/11

Left: 917.538 $\pm$ 0.148 χ^2 /NDF: 2244820.0/25

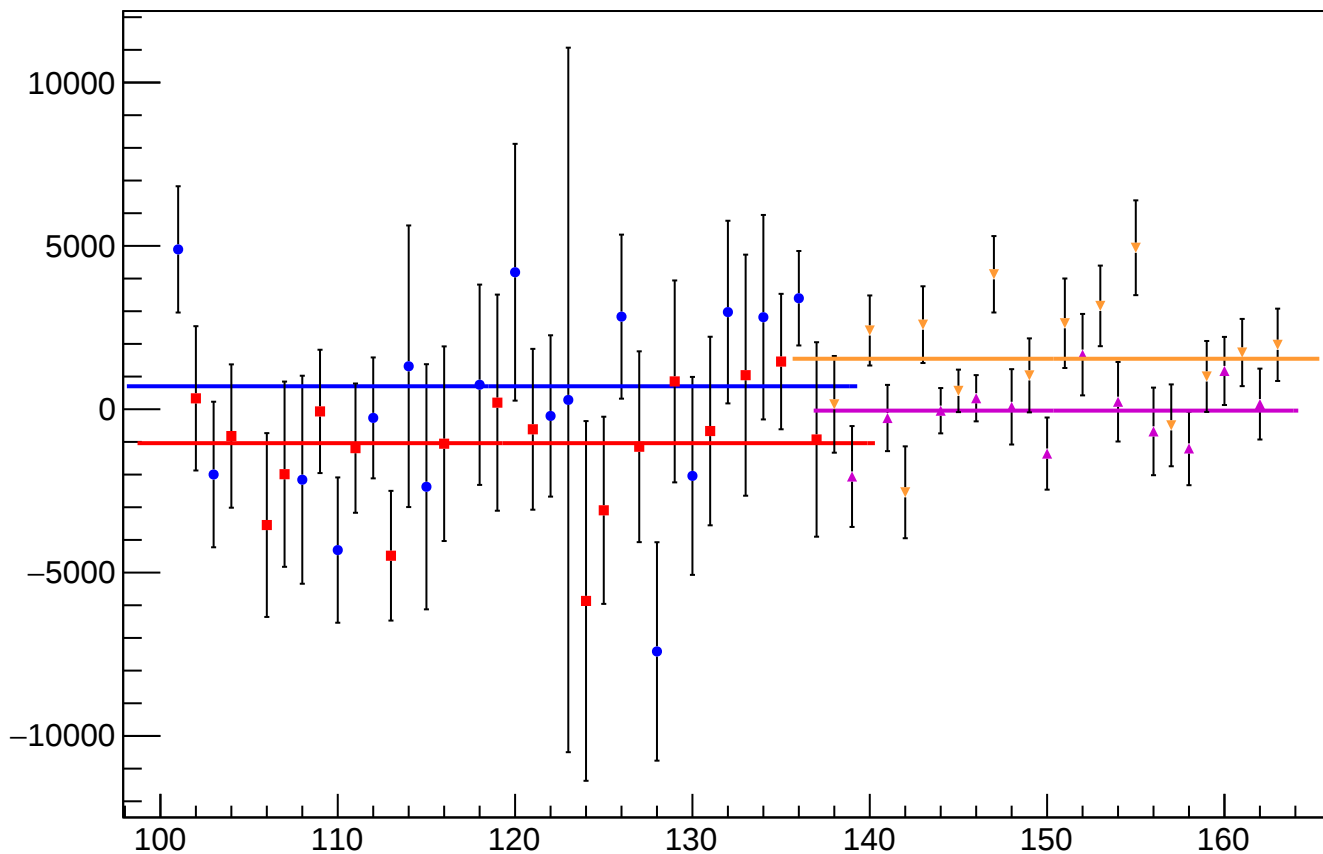
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1037.409 $\pm$ 0.191 χ^2 /NDF:3284818.3/28

Out: 1042.652 $\pm$ 0.185 χ^2 /NDF:3620954.3/31

All: 1040.109 $\pm$ 0.133 χ^2 /NDF: 6906160.7/60

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 ± 620.618 $\chi^2/\text{NDF}: 26.0/16$

Left Out: 1545.230 ± 296.889 $\chi^2/\text{NDF}: 29.1/13$

Right Out: -1038.423 ± 604.250 $\chi^2/\text{NDF}: 8.2/17$

Left In: -42.361 ± 295.205 $\chi^2/\text{NDF}: 8.1/11$

Left: 746.919 ± 209.334 $\chi^2/\text{NDF}: 51.5/25$

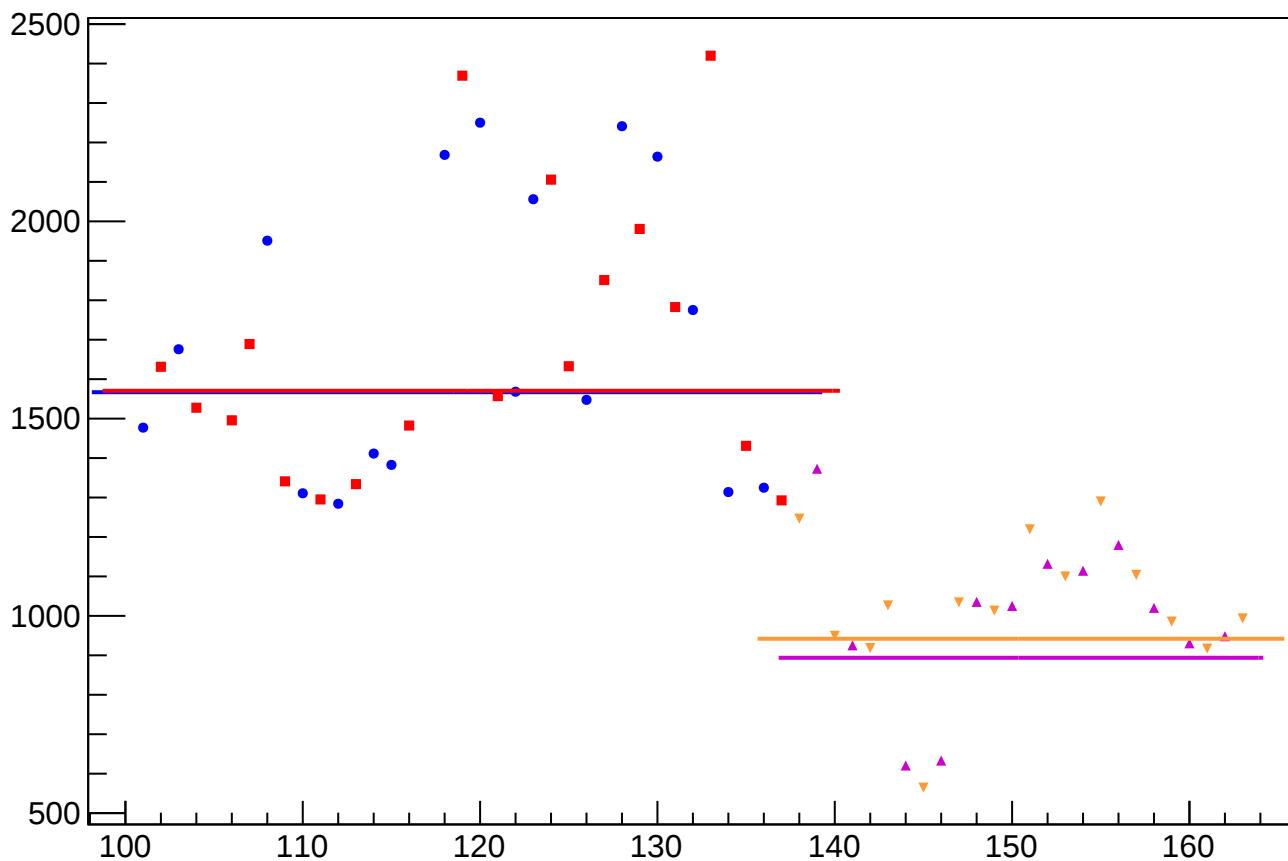
Right: -190.951 ± 432.940 $\chi^2/\text{NDF}: 38.2/34$

In: 95.175 ± 266.584 $\chi^2/\text{NDF}: 35.2/28$

Out: 1042.802 ± 266.463 $\chi^2/\text{NDF}: 52.0/31$

All: 569.203 ± 188.460 $\chi^2/\text{NDF}: 93.6/60$

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 942.048 $\pm$ 0.210 χ^2 /NDF: 1061643.7/13

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 893.774 $\pm$ 0.209 χ^2 /NDF: 1096940.5/11

Left: 917.774 $\pm$ 0.148 χ^2 /NDF: 2185172.9/25

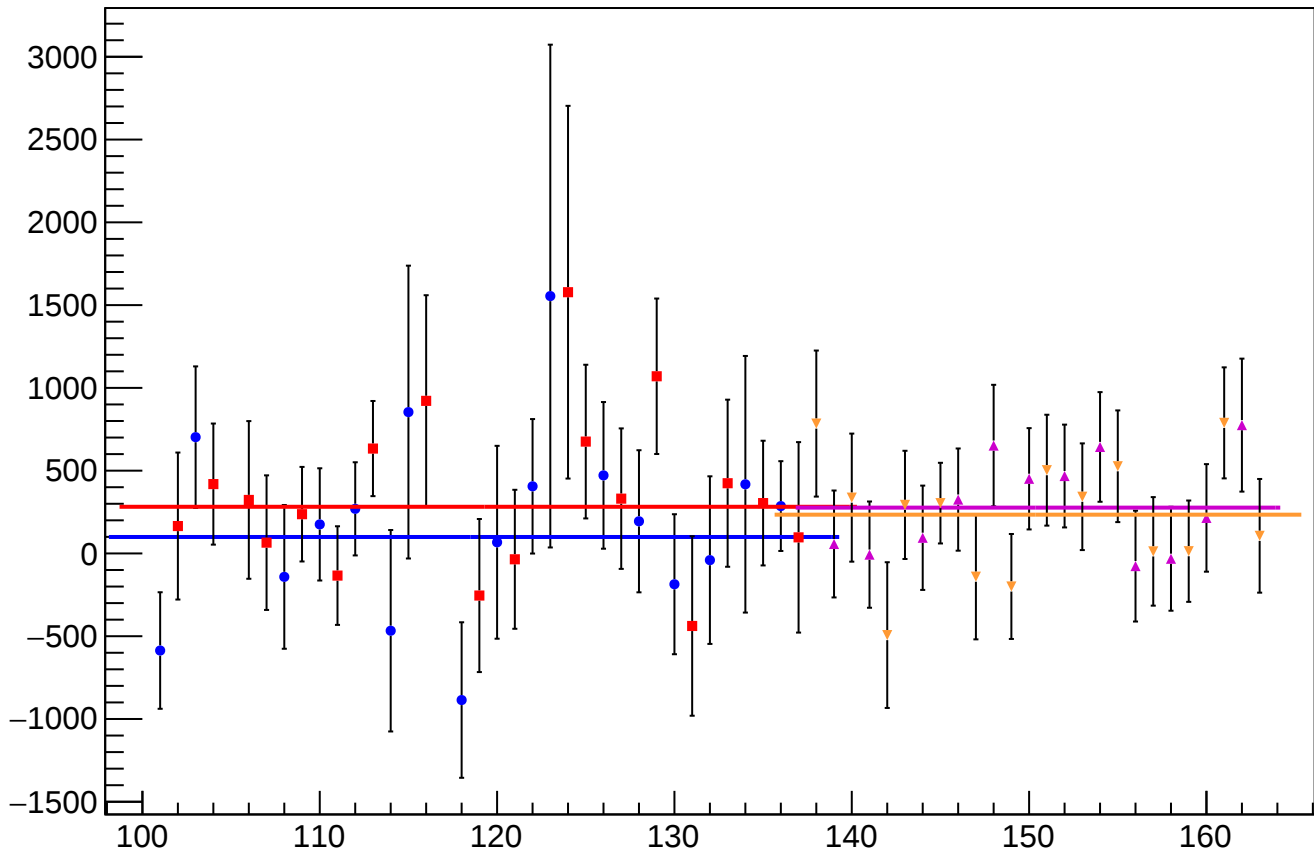
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1017.979 $\pm$ 0.189 χ^2 /NDF: 3515631.2/28

Out: 1064.269 $\pm$ 0.188 χ^2 /NDF: 3243889.4/31

All: 1041.134 $\pm$ 0.133 χ^2 /NDF: 6789685.9/60

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 234.168 $\pm$ 89.509 χ^2 /NDF:12.7/13

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 276.711 $\pm$ 94.406 χ^2 /NDF:8.2/11

Left: 254.307 $\pm$ 64.955 χ^2 /NDF: 21.0/25

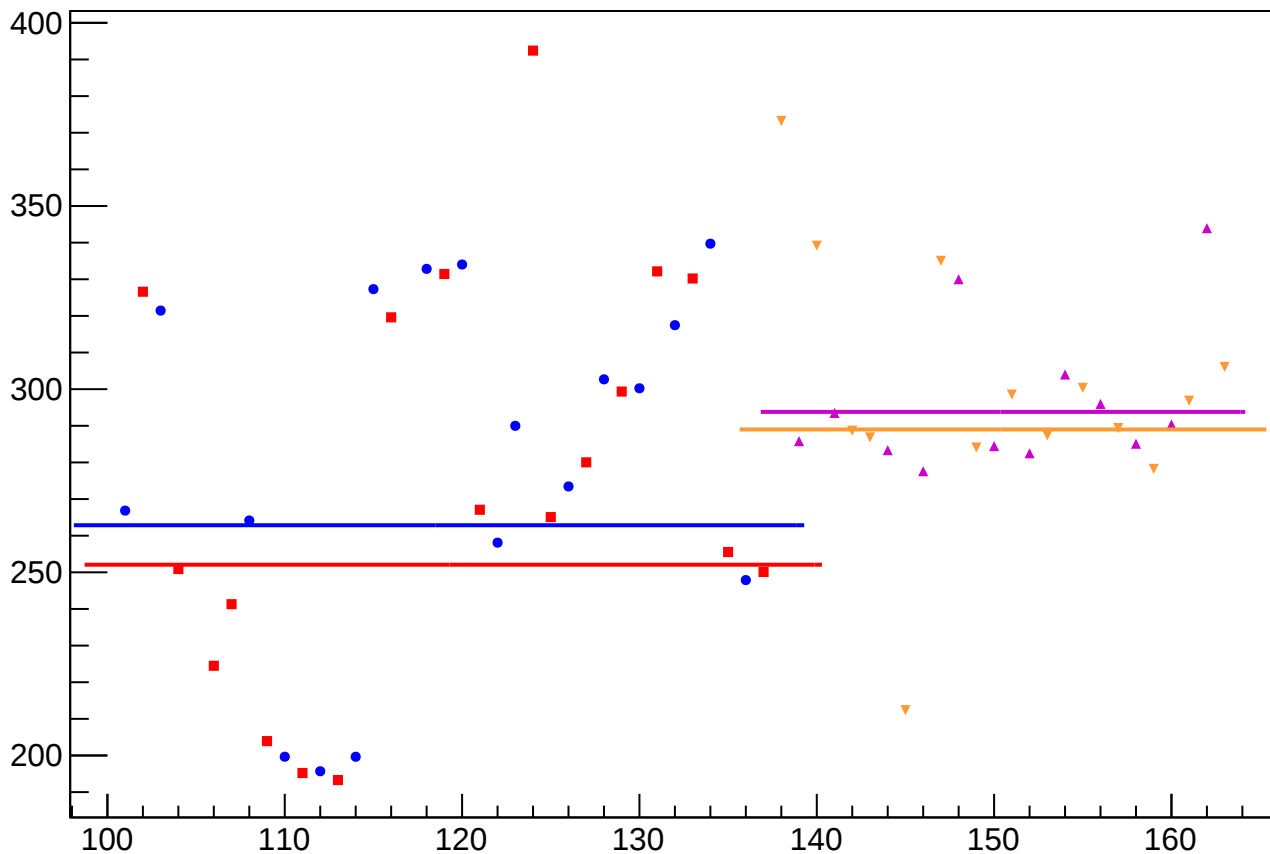
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 196.149 $\pm$ 69.738 χ^2 /NDF:25.8/28

Out: 255.874 $\pm$ 66.054 χ^2 /NDF:26.5/31

All: 227.631 $\pm$ 47.957 χ^2 /NDF: 52.7/60

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 288.997 $\pm$ 0.063 χ^2 /NDF:347088.4/13

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 293.799 $\pm$ 0.067 χ^2 /NDF:67827.6/11

Left: 291.270 $\pm$ 0.046 χ^2 /NDF: 417641.2/25

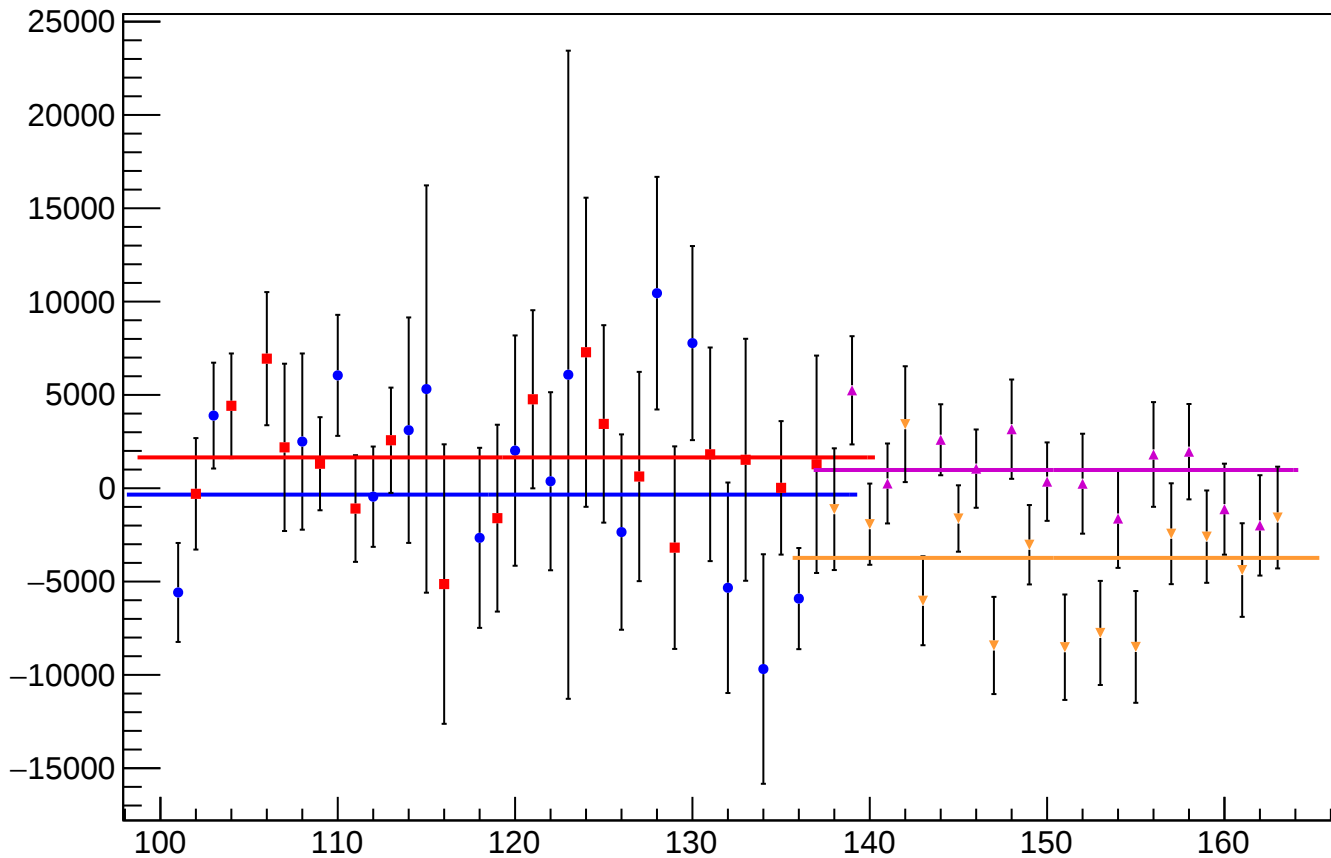
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 279.741 $\pm$ 0.049 χ^2 /NDF:577140.6/28

Out: 272.184 $\pm$ 0.047 χ^2 /NDF:1017184.1/31

All: 275.758 $\pm$ 0.034 χ^2 /NDF: 1606703.9/60

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3732.339 ± 669.763 χ^2/NDF : 21.0/13

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 977.667 ± 693.748 χ^2/NDF : 7.0/11

Left: -1460.162 ± 481.850 χ^2/NDF : 51.8/25

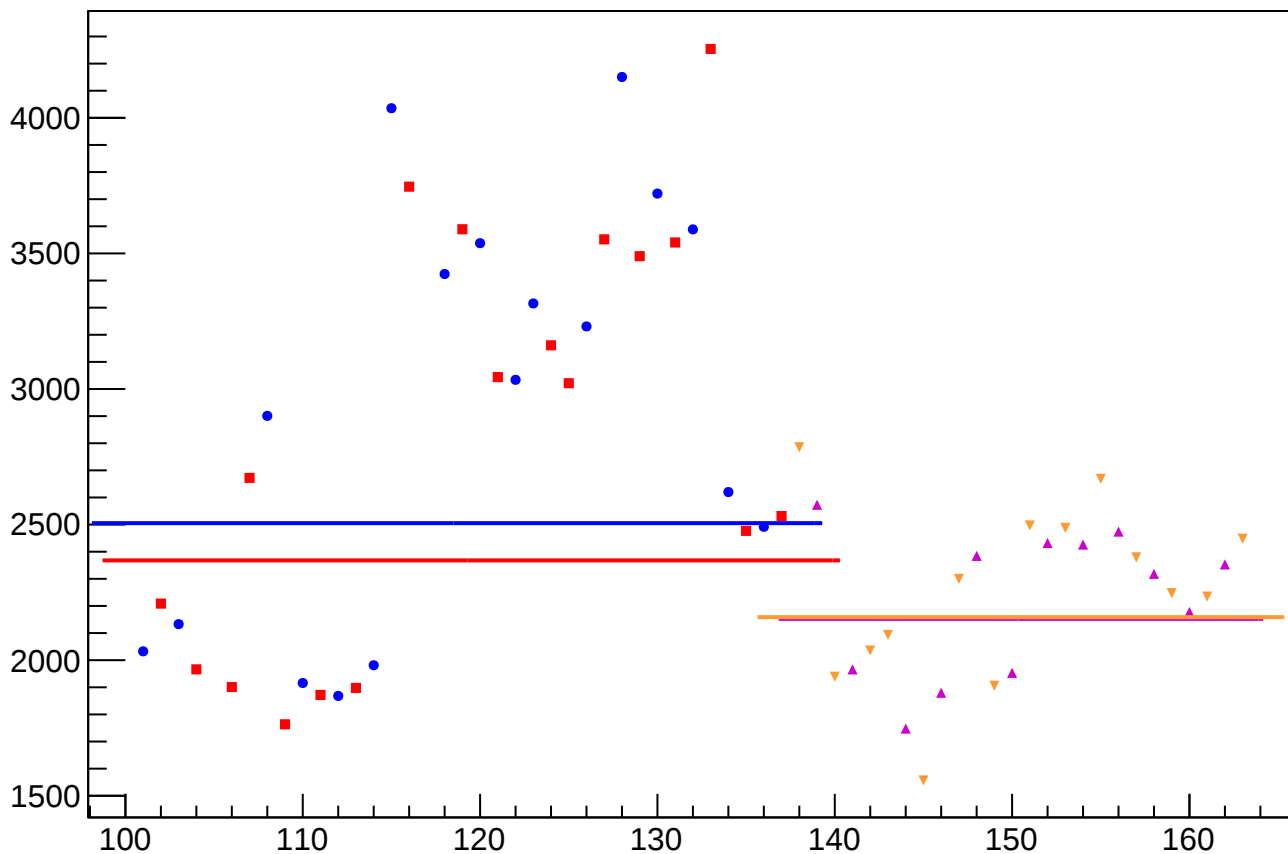
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 551.714 ± 570.864 χ^2/NDF : 32.6/28

Out: -1893.116 ± 543.462 χ^2/NDF : 51.0/31

All: -730.784 ± 393.617 χ^2/NDF : 93.2/60

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2158.669+/-0.474 χ^2/NDF : 517133.7/13

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2152.367+/-0.491 χ^2/NDF : 304185.5/11

Left: 2155.629+/-0.341 χ^2/NDF : 821404.6/25

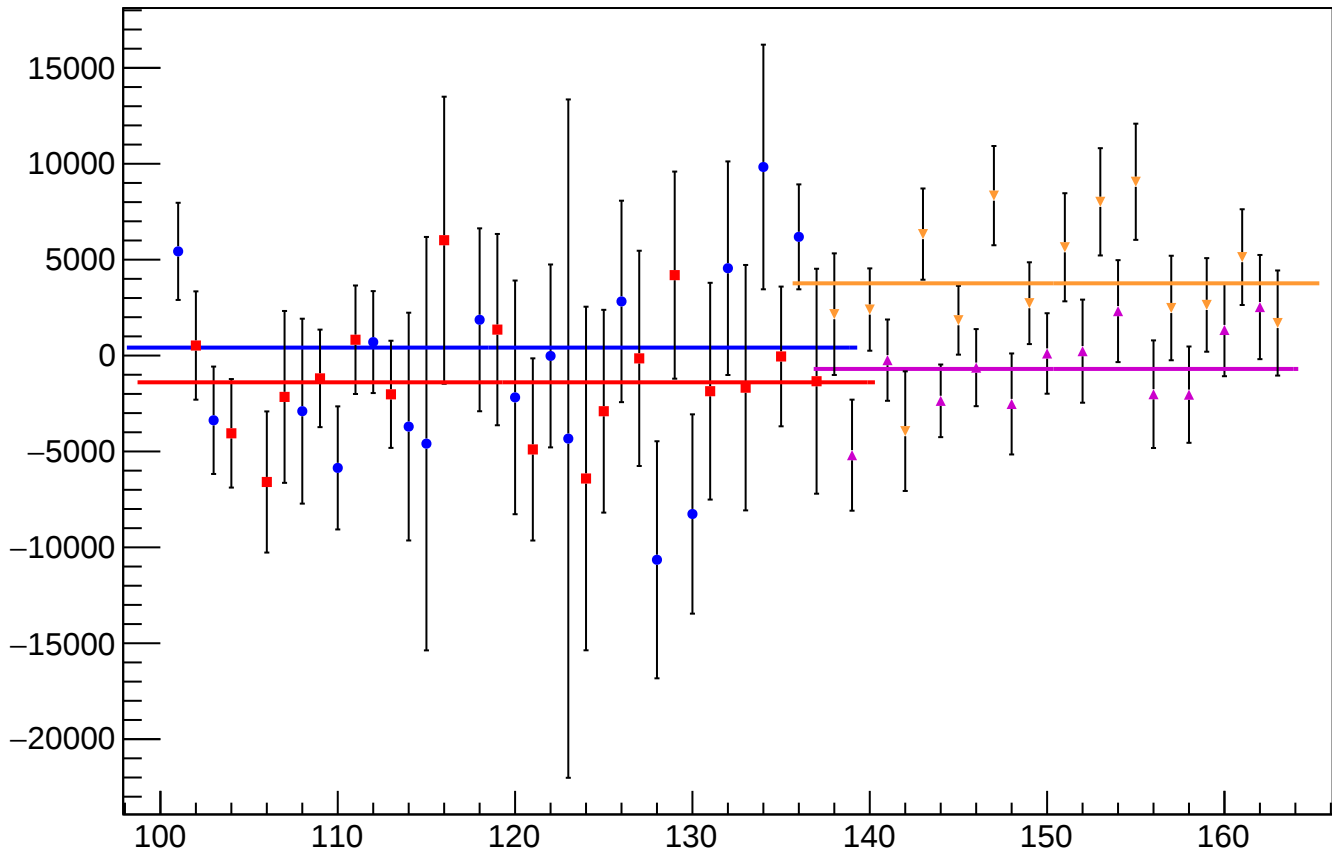
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2266.334+/-0.404 χ^2/NDF : 1335478.9/28

Out: 2230.176+/-0.384 χ^2/NDF : 1614751.5/31

All: 2247.366+/-0.278 χ^2/NDF : 2954439.5/60

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3766.701+/-668.913 χ^2/NDF : 19.6/13

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -697.331+/-687.951 χ^2/NDF : 7.9/11

Left: 1597.307+/-479.582 χ^2/NDF : 49.1/25

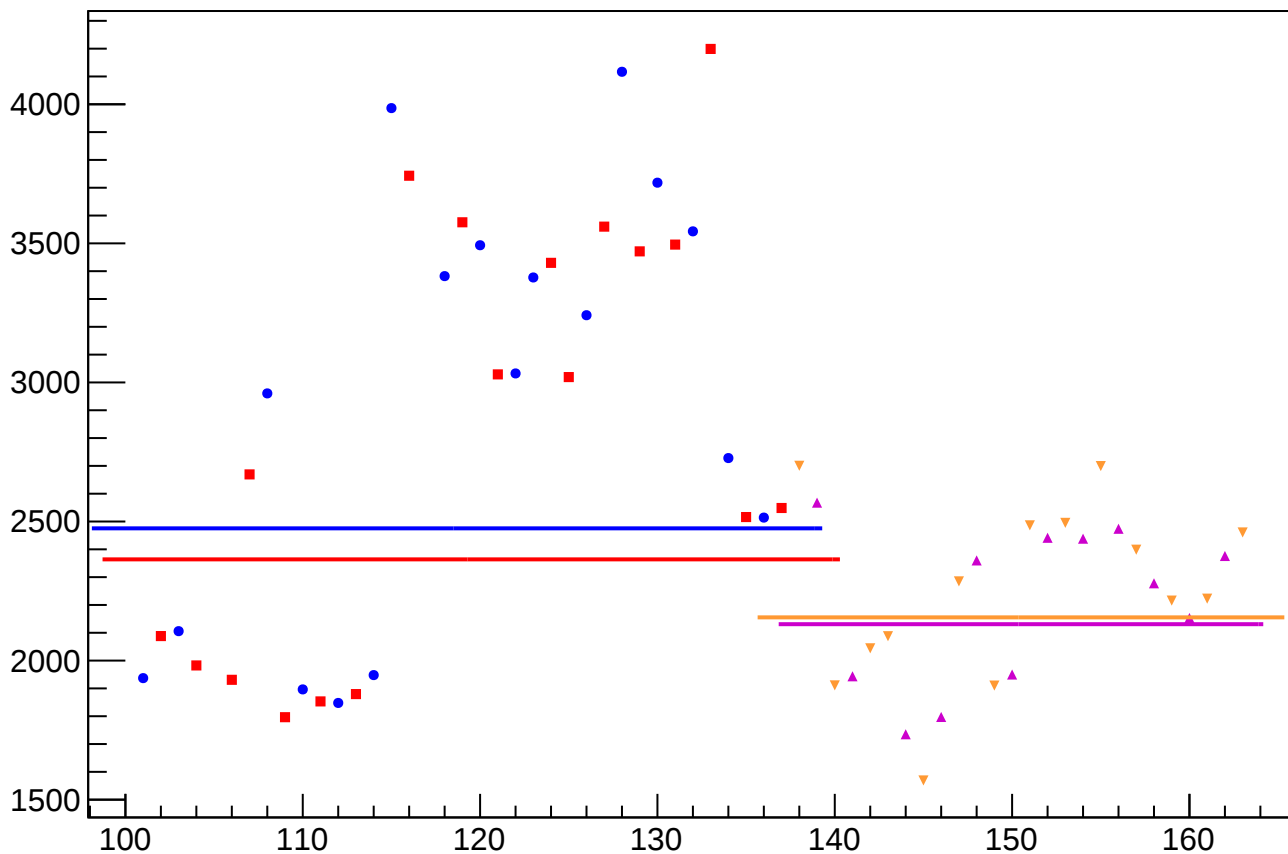
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -337.349+/-565.850 χ^2/NDF : 33.2/28

Out: 2004.425+/-542.836 χ^2/NDF : 47.4/31

All: 882.128+/-391.727 χ^2/NDF : 89.6/60

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2155.385 $\pm$ 0.473 χ^2 /NDF: 499014.6/13

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2130.869 $\pm$ 0.486 χ^2 /NDF: 340341.8/11

Left: 2143.471 $\pm$ 0.339 χ^2 /NDF: 840662.0/25

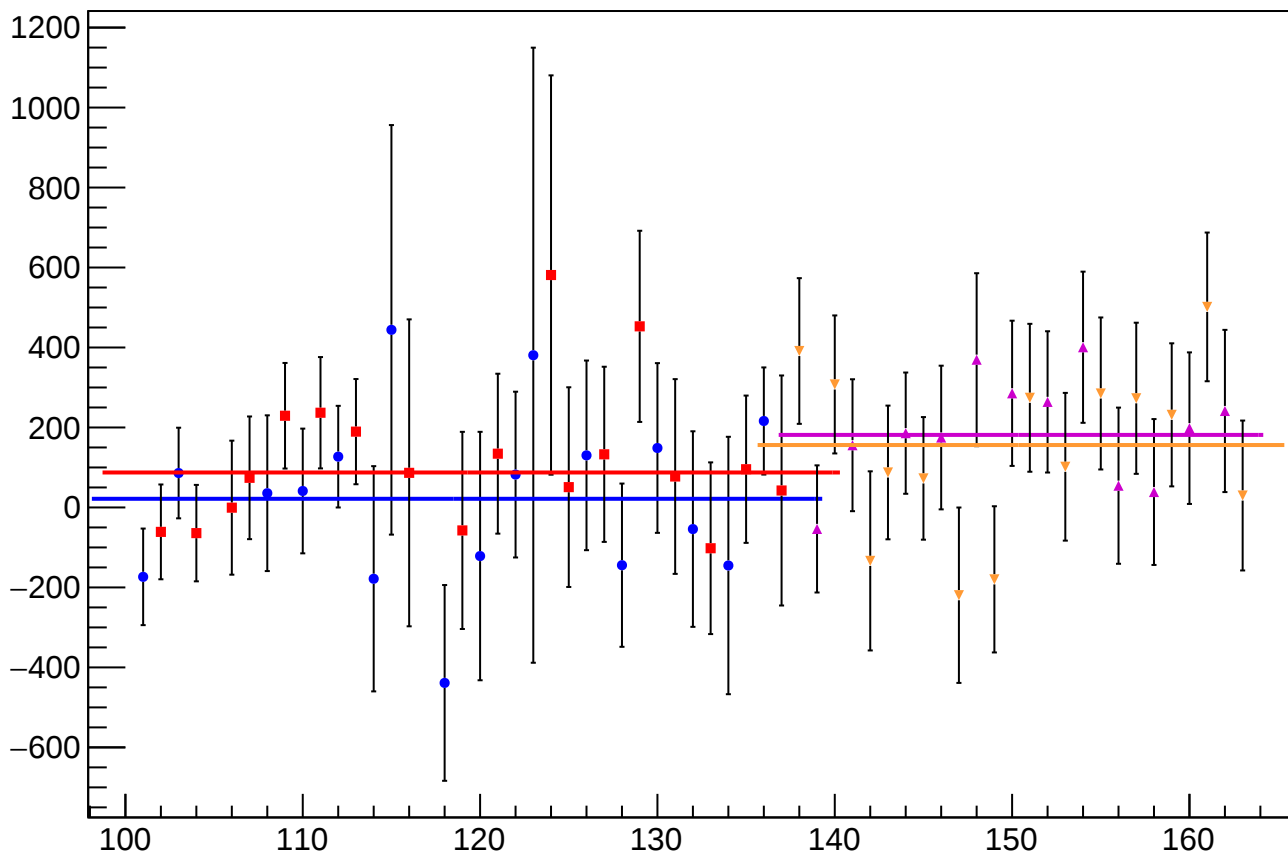
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2242.325 $\pm$ 0.400 χ^2 /NDF: 1415705.5/28

Out: 2226.582 $\pm$ 0.384 χ^2 /NDF: 1592250.0/31

All: 2234.127 $\pm$ 0.277 χ^2 /NDF: 3008761.7/60

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 156.091 $\pm$ 49.054 χ^2/NDF : 16.3/13

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 181.407 $\pm$ 51.917 χ^2/NDF : 6.0/11

Left: 168.032 $\pm$ 35.655 χ^2/NDF : 22.4/25

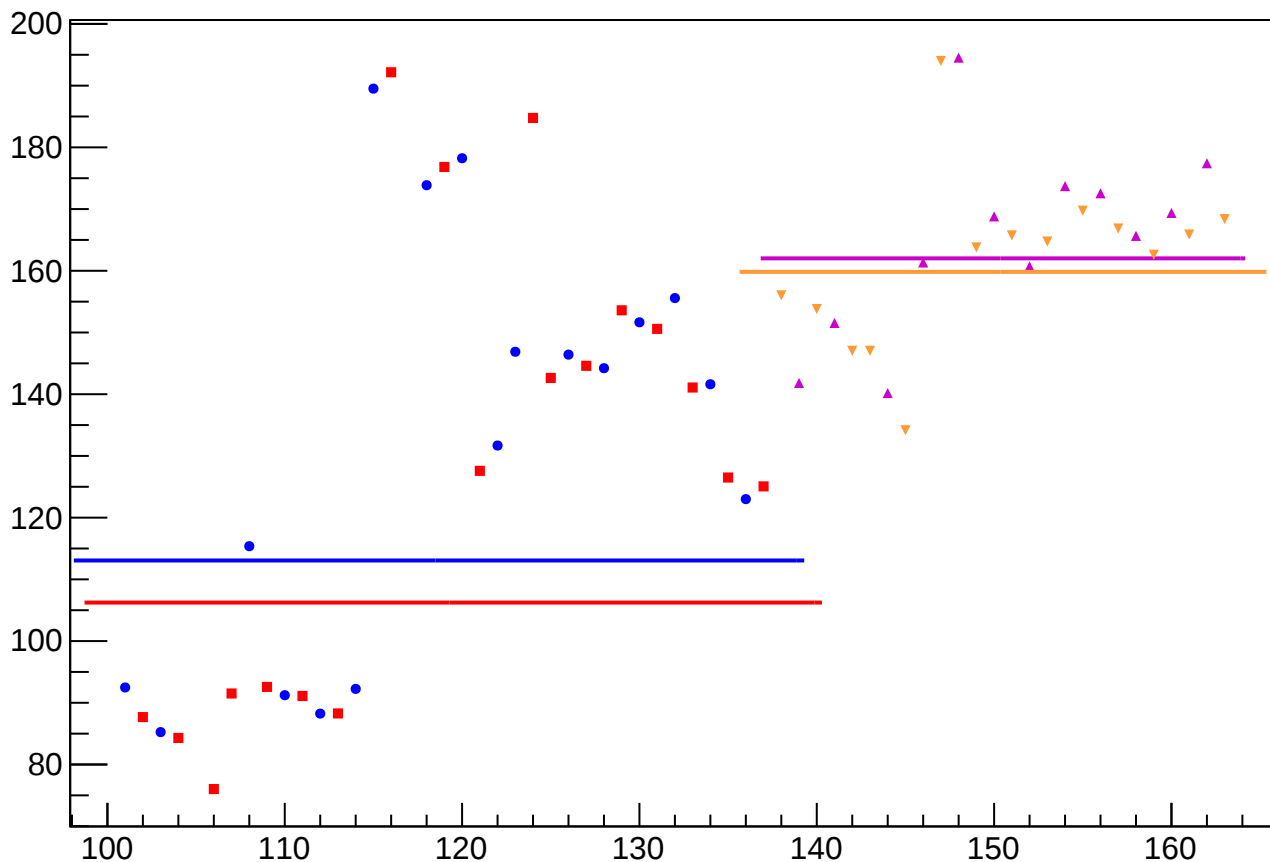
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 90.456 $\pm$ 34.072 χ^2/NDF : 24.0/28

Out: 116.339 $\pm$ 31.827 χ^2/NDF : 28.4/31

All: 104.278 $\pm$ 23.258 χ^2/NDF : 52.7/60

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 159.827 $\pm$ 0.035 χ^2/NDF :145533.4/13

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 162.012 $\pm$ 0.037 χ^2/NDF :158816.2/11

Left: 160.858 $\pm$ 0.025 χ^2/NDF : 306221.5/25

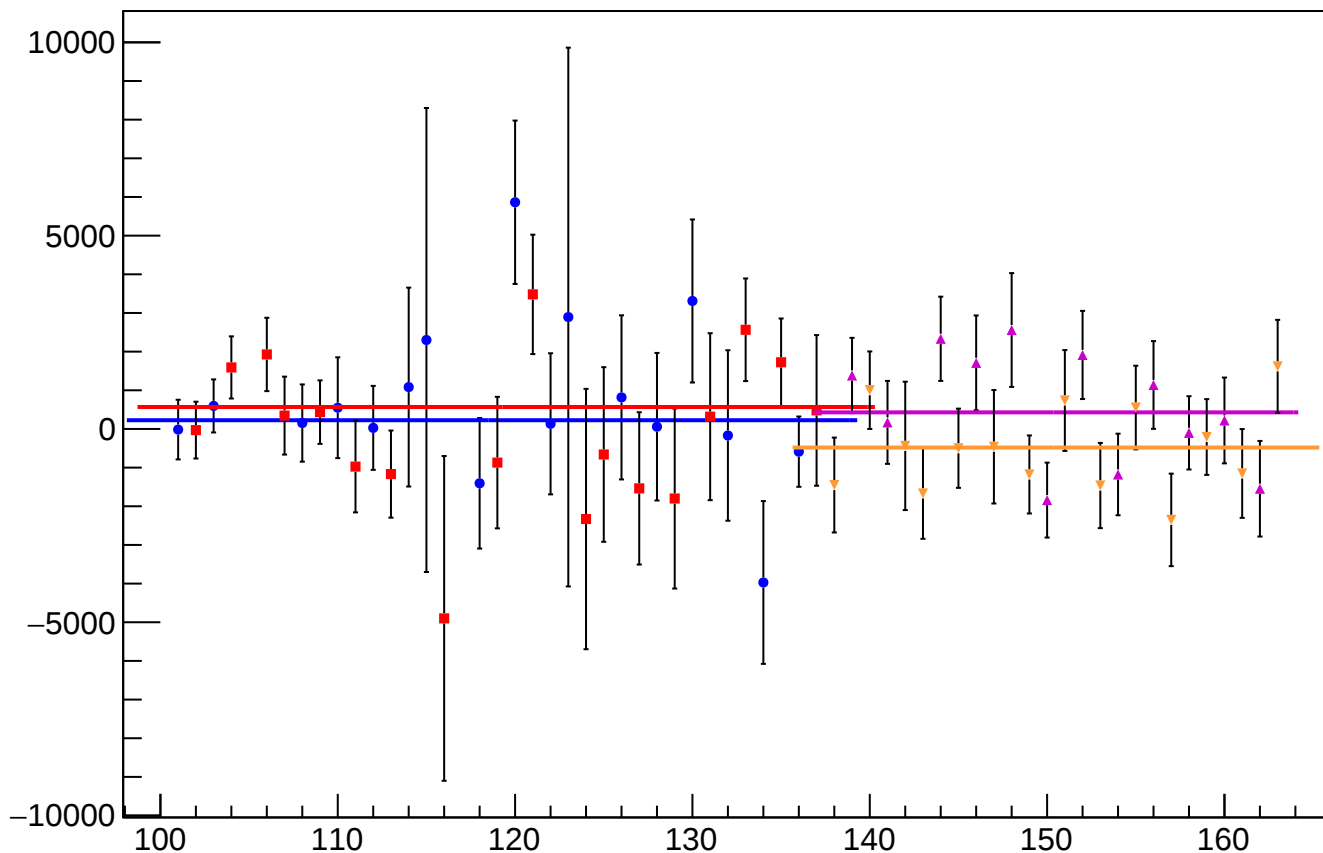
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 134.143 $\pm$ 0.024 χ^2/NDF :1991949.5/28

Out: 128.799 $\pm$ 0.023 χ^2/NDF :2479223.5/31

All: 131.289 $\pm$ 0.016 χ^2/NDF : 4497447.6/60

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -480.654 $\pm$ 307.128 χ^2 /NDF:12.8/13

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 428.904 $\pm$ 316.518 χ^2 /NDF:20.0/11

Left: -39.566 $\pm$ 220.417 χ^2 /NDF: 37.1/25

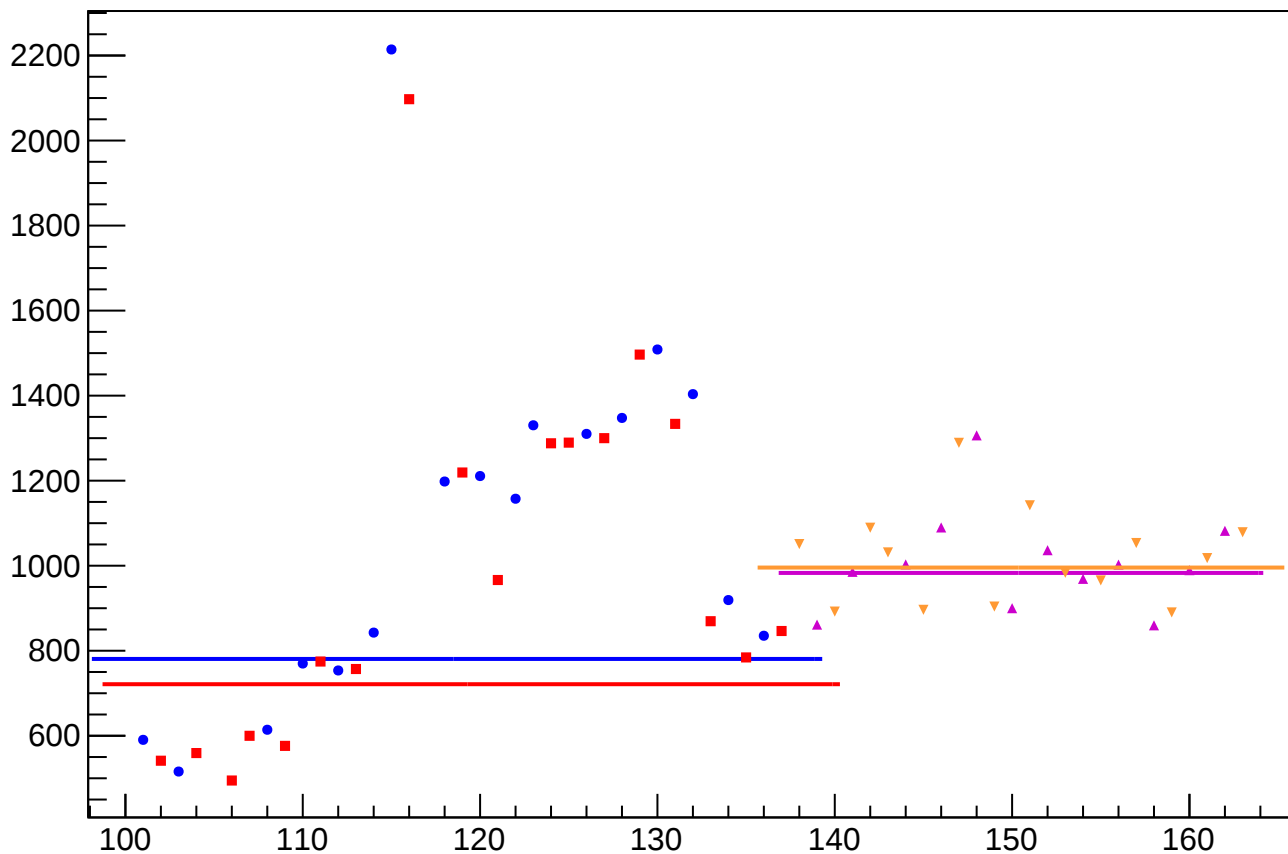
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 328.829 $\pm$ 225.522 χ^2 /NDF:36.2/28

Out: 72.885 $\pm$ 211.048 χ^2 /NDF:39.9/31

All: 192.381 $\pm$ 154.097 χ^2 /NDF: 76.8/60

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 995.633 $\pm$ 0.217 χ^2 /NDF:214066.8/13

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 982.985 $\pm$ 0.224 χ^2 /NDF:210439.2/11

Left: 989.499 $\pm$ 0.156 χ^2 /NDF: 426151.1/25

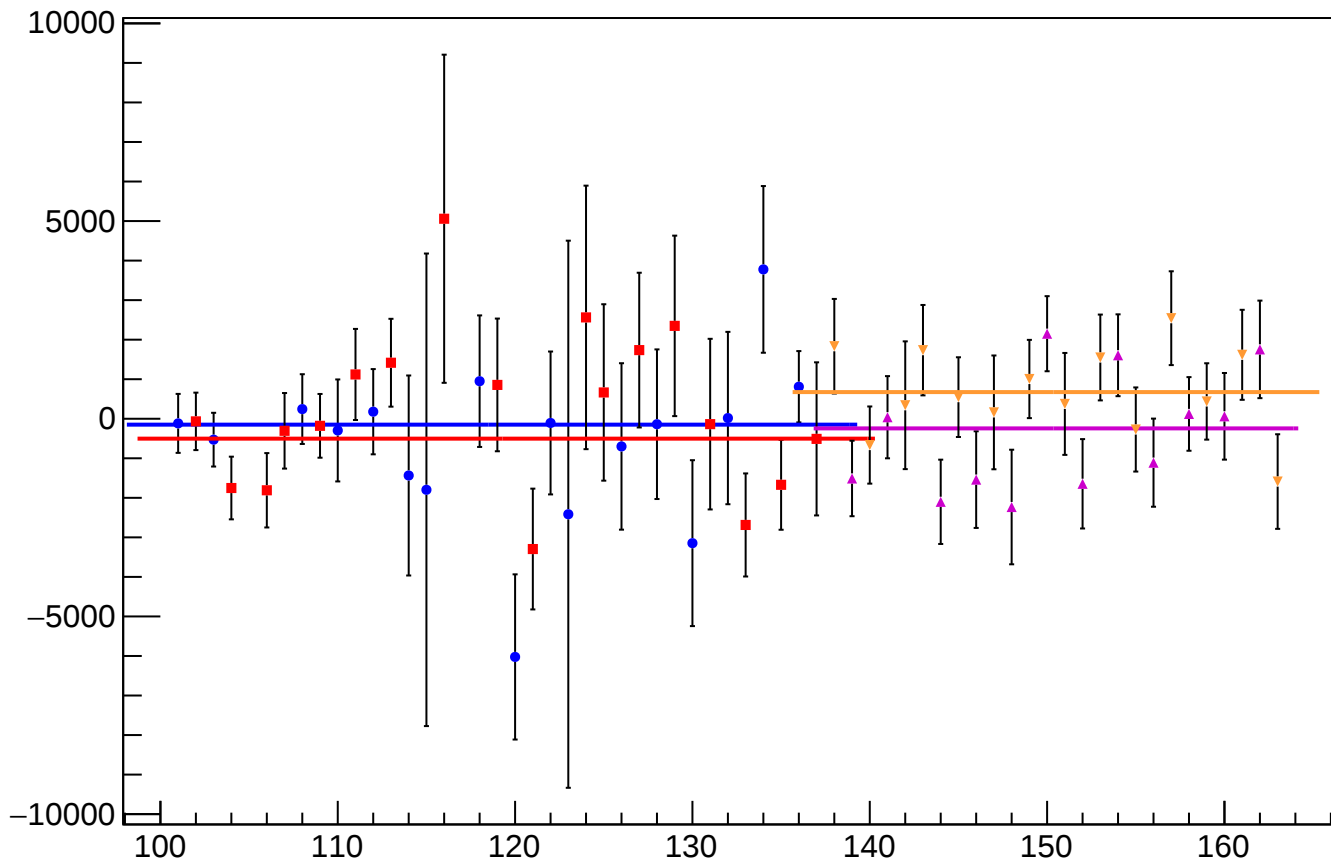
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 883.394 $\pm$ 0.159 χ^2 /NDF:2222124.3/28

Out: 850.820 $\pm$ 0.149 χ^2 /NDF:2683124.2/31

All: 866.029 $\pm$ 0.109 χ^2 /NDF: 4927492.4/60

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 674.426 ± 301.878 χ^2/NDF : 12.3/13

Right Out: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: -243.843 ± 311.242 χ^2/NDF : 22.4/11

Left: 229.314 ± 216.695 χ^2/NDF : 39.2/25

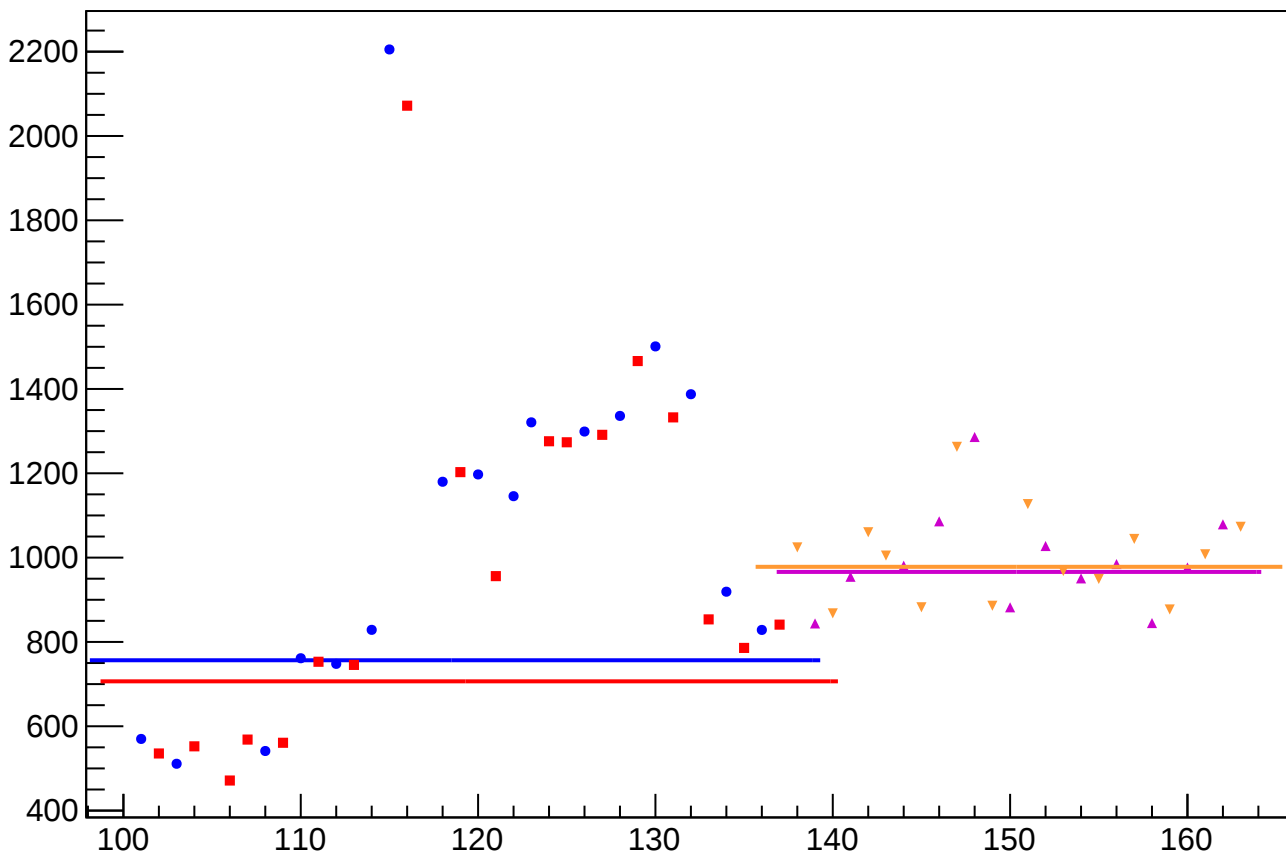
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -196.764 ± 220.688 χ^2/NDF : 38.6/28

Out: 53.401 ± 207.535 χ^2/NDF : 43.9/31

All: -64.005 ± 151.185 χ^2/NDF : 83.2/60

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 978.174 $\pm$ 0.213 χ^2 /NDF: 218930.6/13

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 966.063 $\pm$ 0.220 χ^2 /NDF: 223645.7/11

Left: 972.303 $\pm$ 0.153 χ^2 /NDF: 444136.7/25

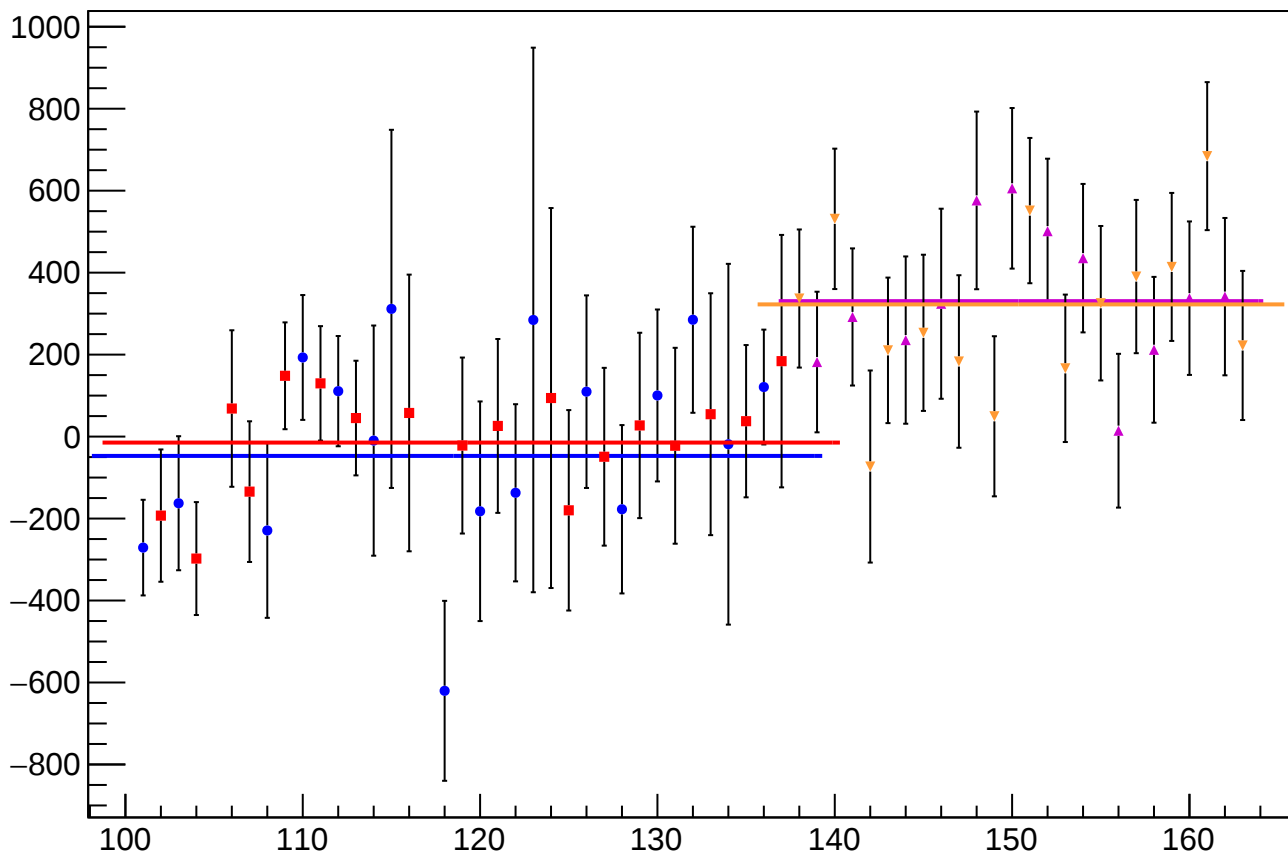
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 861.878 $\pm$ 0.156 χ^2 /NDF: 2387968.3/28

Out: 834.927 $\pm$ 0.147 χ^2 /NDF: 2742864.3/31

All: 847.576 $\pm$ 0.107 χ^2 /NDF: 5146661.8/60

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 322.551 $\pm$ 49.591 χ^2/NDF : 14.4/13

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 330.491 $\pm$ 54.409 χ^2/NDF : 8.8/11

Left: 326.154 $\pm$ 36.651 χ^2/NDF : 23.2/25

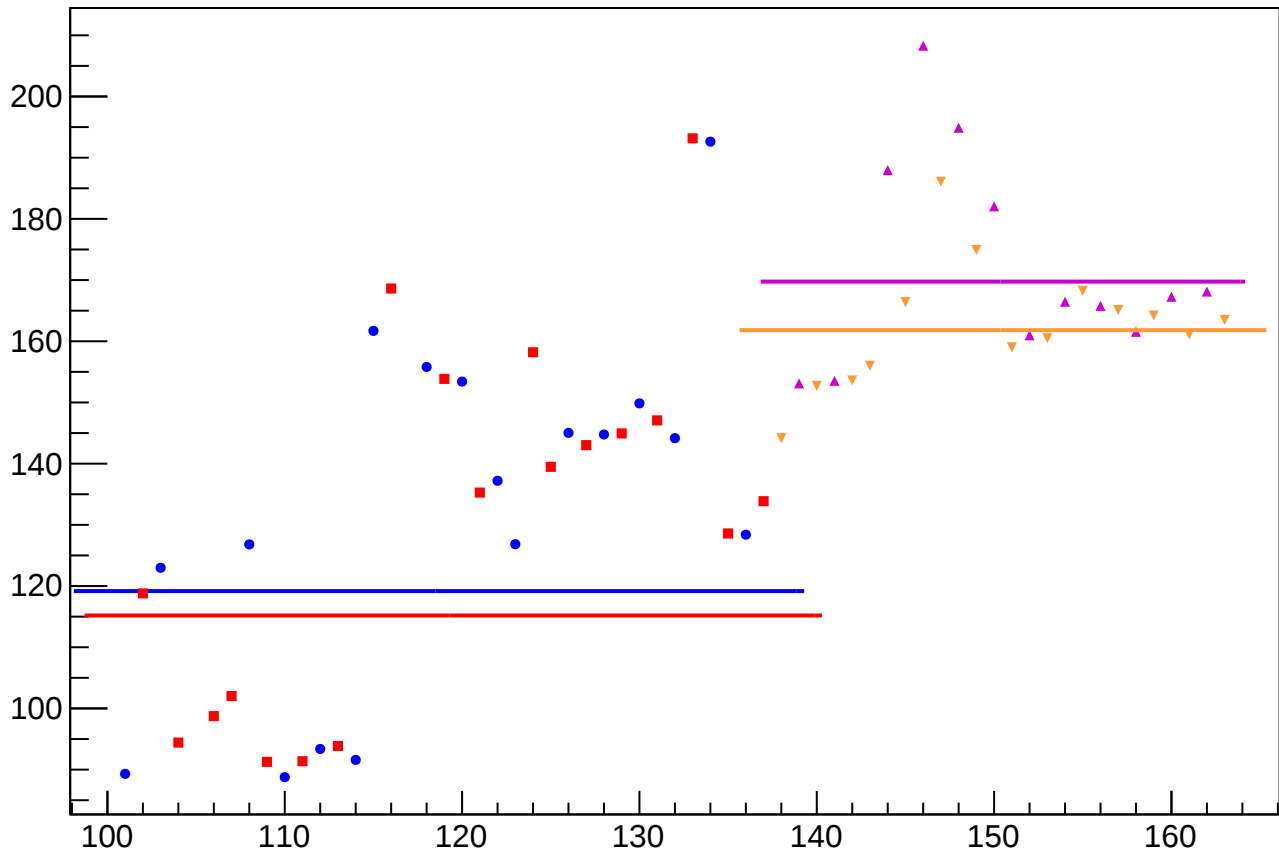
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 115.278 $\pm$ 35.683 χ^2/NDF : 58.2/28

Out: 137.080 $\pm$ 33.264 χ^2/NDF : 50.0/31

All: 126.943 $\pm$ 24.331 χ^2/NDF : 108.3/60

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.813+/-0.035 χ^2/NDF : 73018.4/13

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 169.748+/-0.038 χ^2/NDF : 154821.5/11

Left: 165.414+/-0.026 χ^2/NDF : 251071.8/25

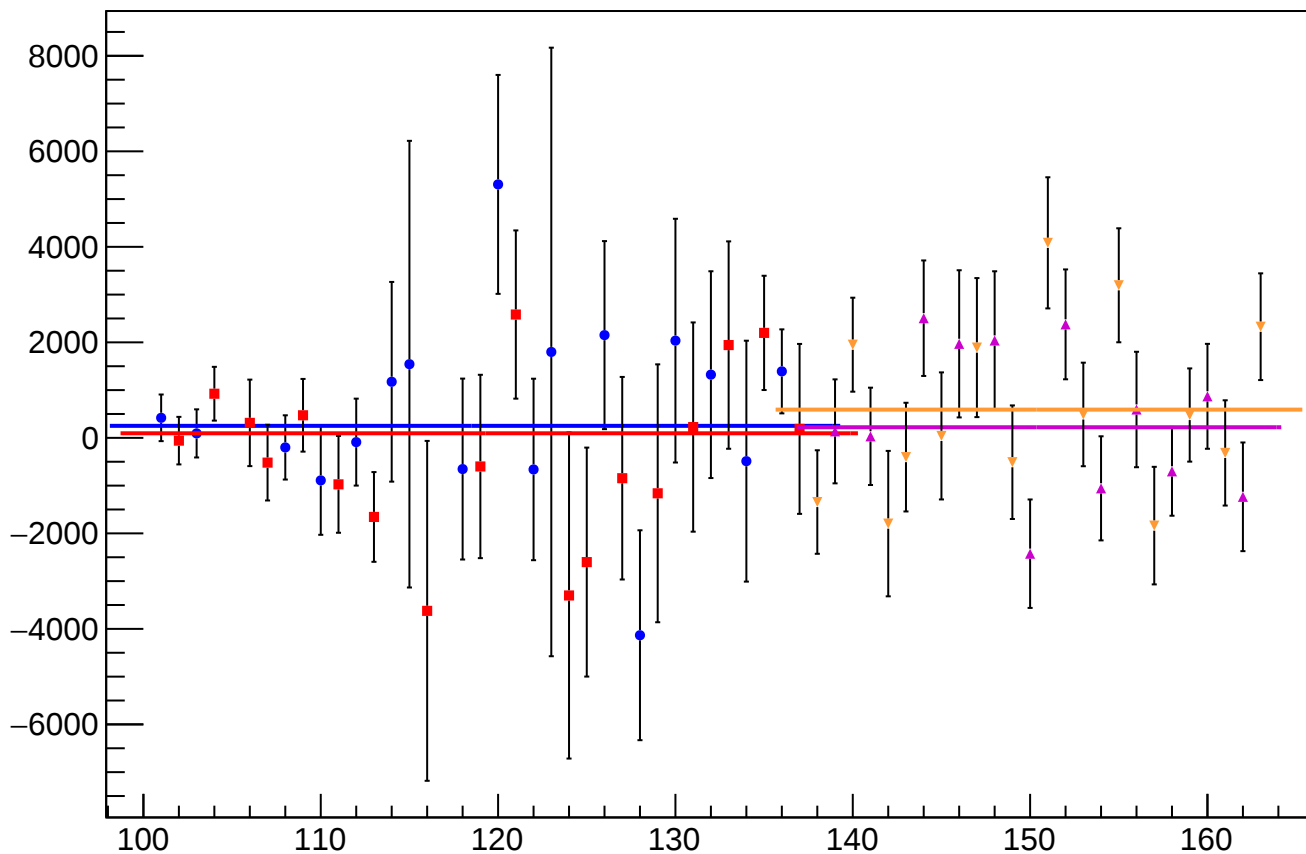
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 140.928+/-0.025 χ^2/NDF : 1754826.1/28

Out: 136.165+/-0.024 χ^2/NDF : 1721119.2/31

All: 138.380+/-0.017 χ^2/NDF : 3495004.0/60

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 591.256+/-312.370 χ^2/NDF : 28.4/13

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 222.133+/-329.641 χ^2/NDF : 19.9/11

Left: 416.617+/-226.739 χ^2/NDF : 48.9/25

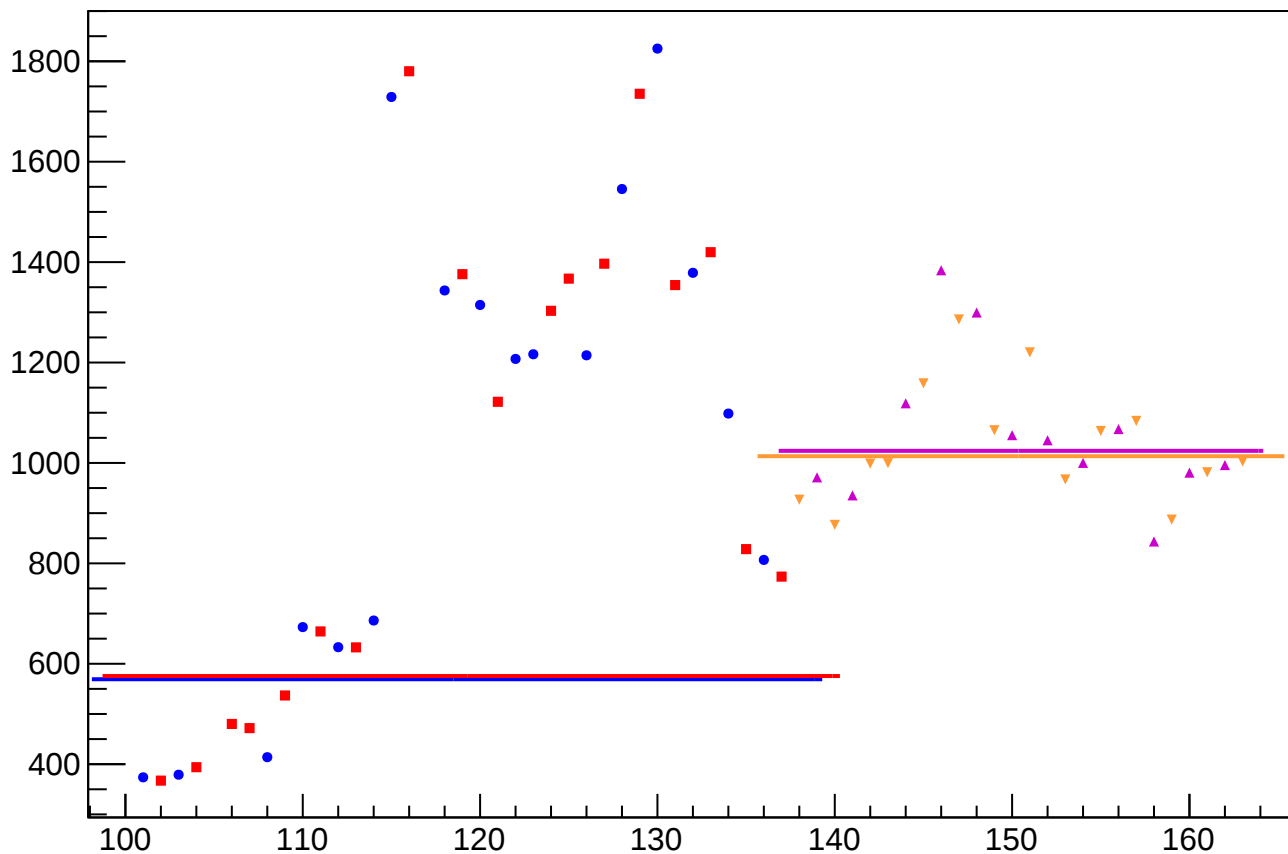
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 240.770+/-200.611 χ^2/NDF : 34.7/28

Out: 285.219+/-193.142 χ^2/NDF : 47.4/31

All: 263.837+/-139.137 χ^2/NDF : 82.1/60

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.411 $\pm$ 0.221 χ^2 /NDF: 243906.0/13

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1024.116 $\pm$ 0.233 χ^2 /NDF: 298790.0/11

Left: 1018.476 $\pm$ 0.160 χ^2 /NDF: 543807.4/25

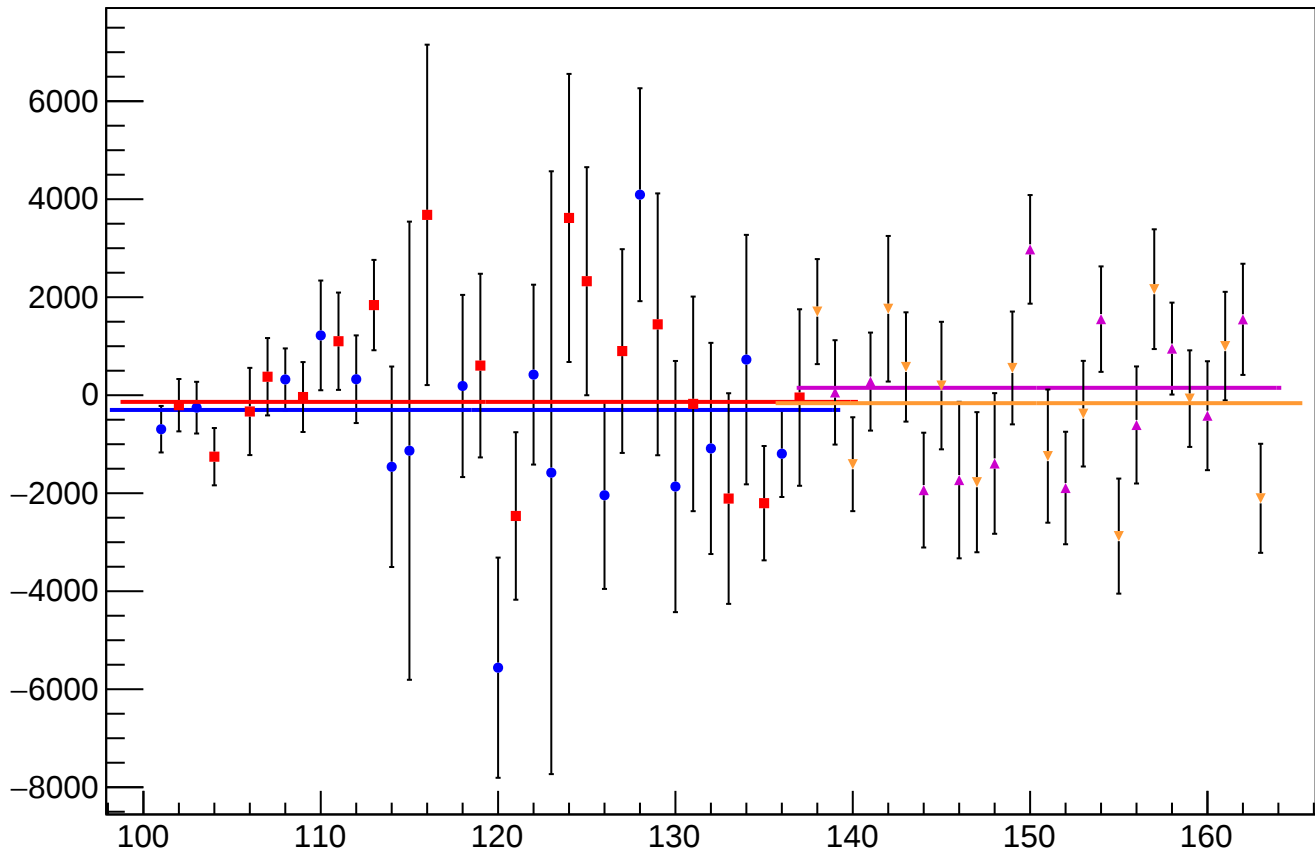
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 737.684 $\pm$ 0.142 χ^2 /NDF: 5964128.8/28

Out: 742.968 $\pm$ 0.137 χ^2 /NDF: 5729176.6/31

All: 740.426 $\pm$ 0.098 χ^2 /NDF: 11694025.4/60

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -162.300 ± 308.601 χ^2/NDF : 22.4/13

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 150.848 ± 327.080 χ^2/NDF : 20.0/11

Left: -14.822 ± 224.462 χ^2/NDF : 42.9/25

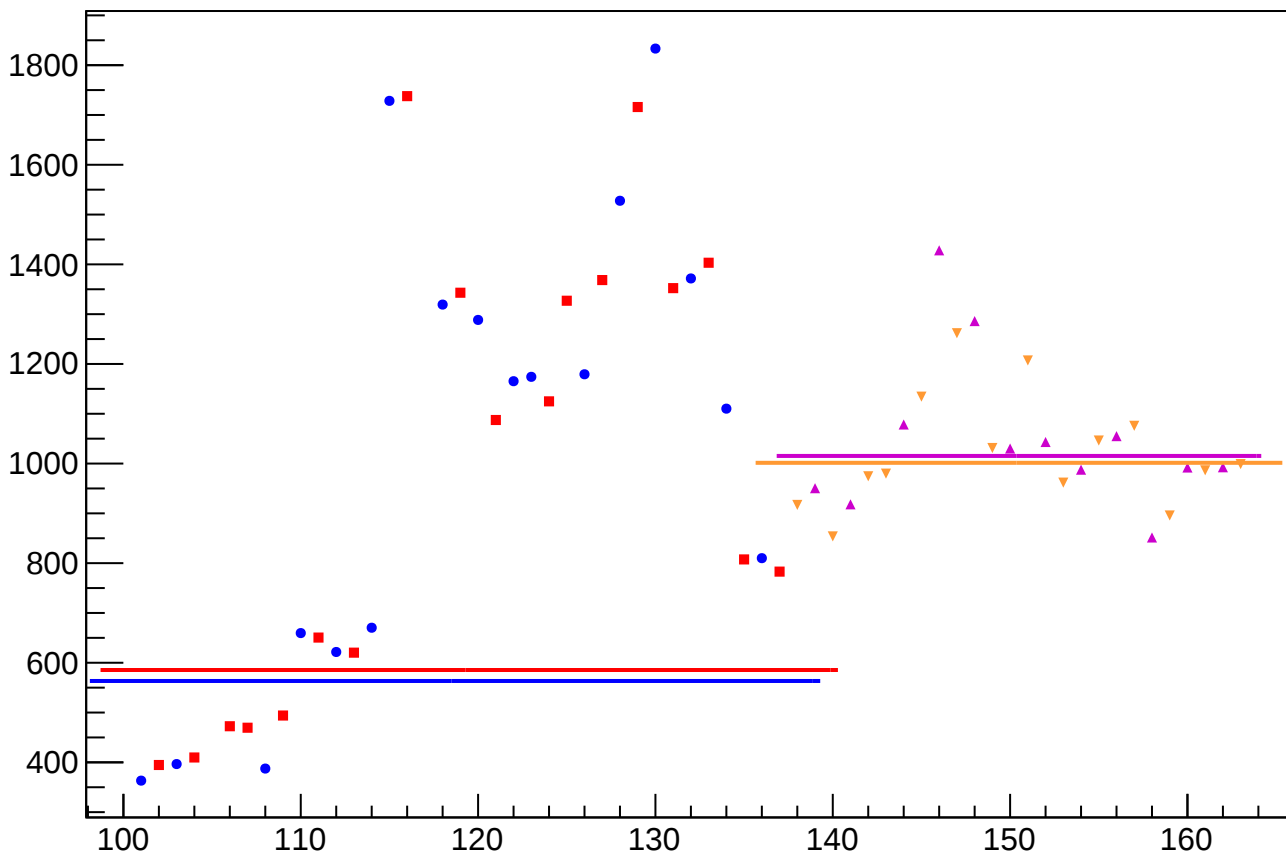
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -133.897 ± 198.776 χ^2/NDF : 37.9/28

Out: -146.370 ± 193.167 χ^2/NDF : 43.2/31

All: -140.312 ± 138.530 χ^2/NDF : 81.2/60

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1001.504 $\pm$ 0.218 χ^2 /NDF:232061.8/13

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1015.308 $\pm$ 0.231 χ^2 /NDF:304646.1/11

Left: 1008.005 $\pm$ 0.159 χ^2 /NDF: 538592.5/25

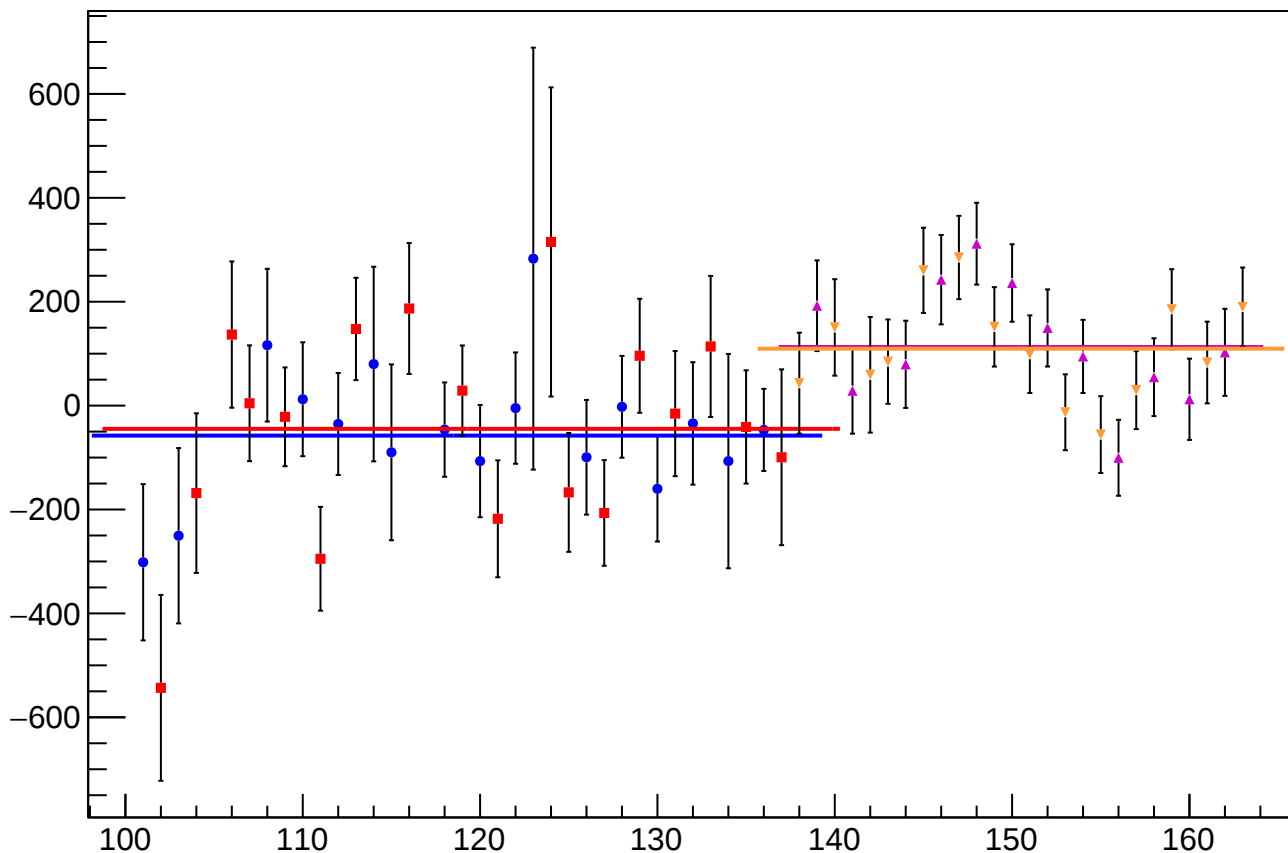
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 730.301 $\pm$ 0.141 χ^2 /NDF:5971568.5/28

Out: 748.456 $\pm$ 0.137 χ^2 /NDF:5261273.7/31

All: 739.638 $\pm$ 0.098 χ^2 /NDF: 11241422.3/60

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 109.591 $\pm$ 21.515 χ^2/NDF :20.6/13

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 112.826 $\pm$ 22.647 χ^2/NDF :24.5/11

Left: 111.125 $\pm$ 15.598 χ^2/NDF : 45.1/25

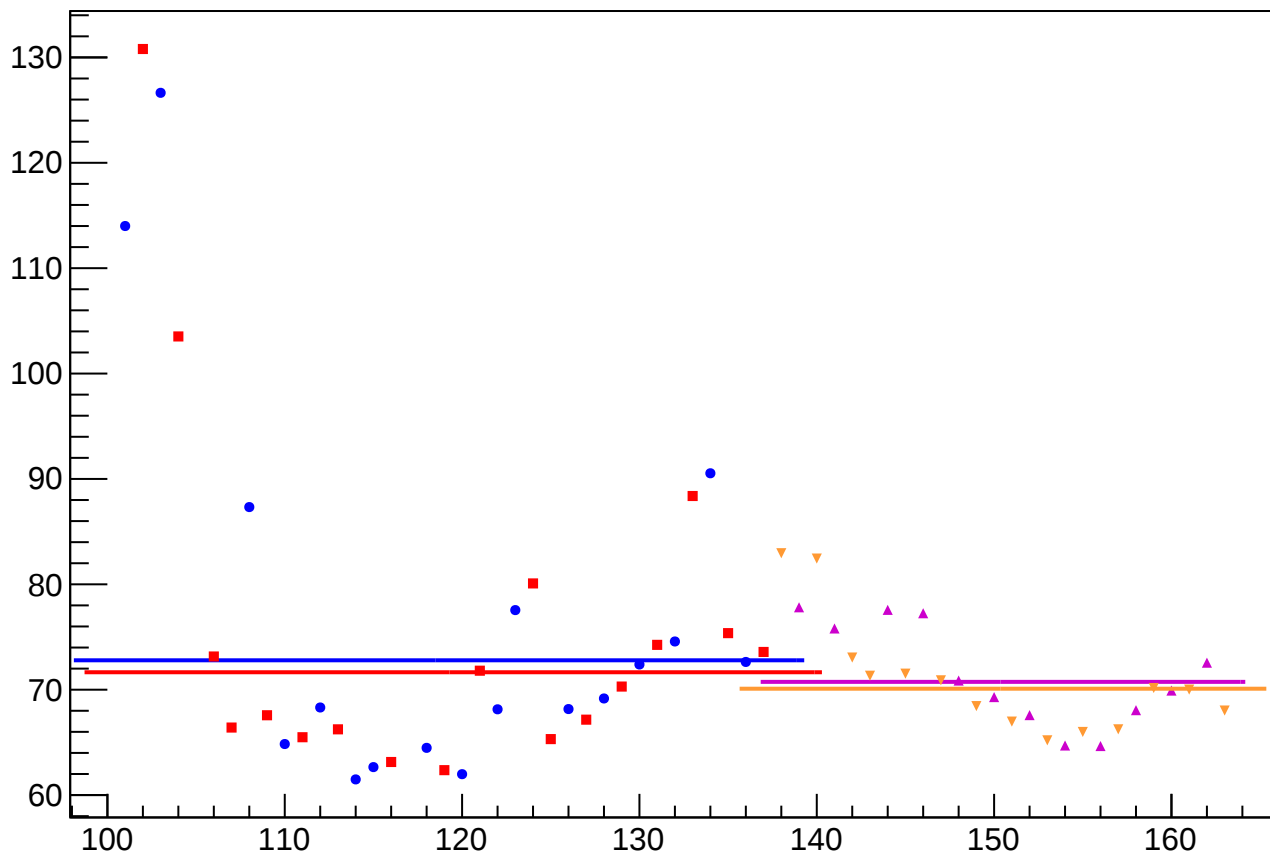
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 47.368 $\pm$ 17.777 χ^2/NDF :55.4/28

Out: 51.567 $\pm$ 16.994 χ^2/NDF :75.1/31

All: 49.562 $\pm$ 12.284 χ^2/NDF : 130.5/60

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.094 $\pm$ 0.015 χ^2/NDF : 99418.5/13

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 70.744 $\pm$ 0.016 χ^2/NDF : 82062.7/11

Left: 70.402 $\pm$ 0.011 χ^2/NDF : 182345.9/25

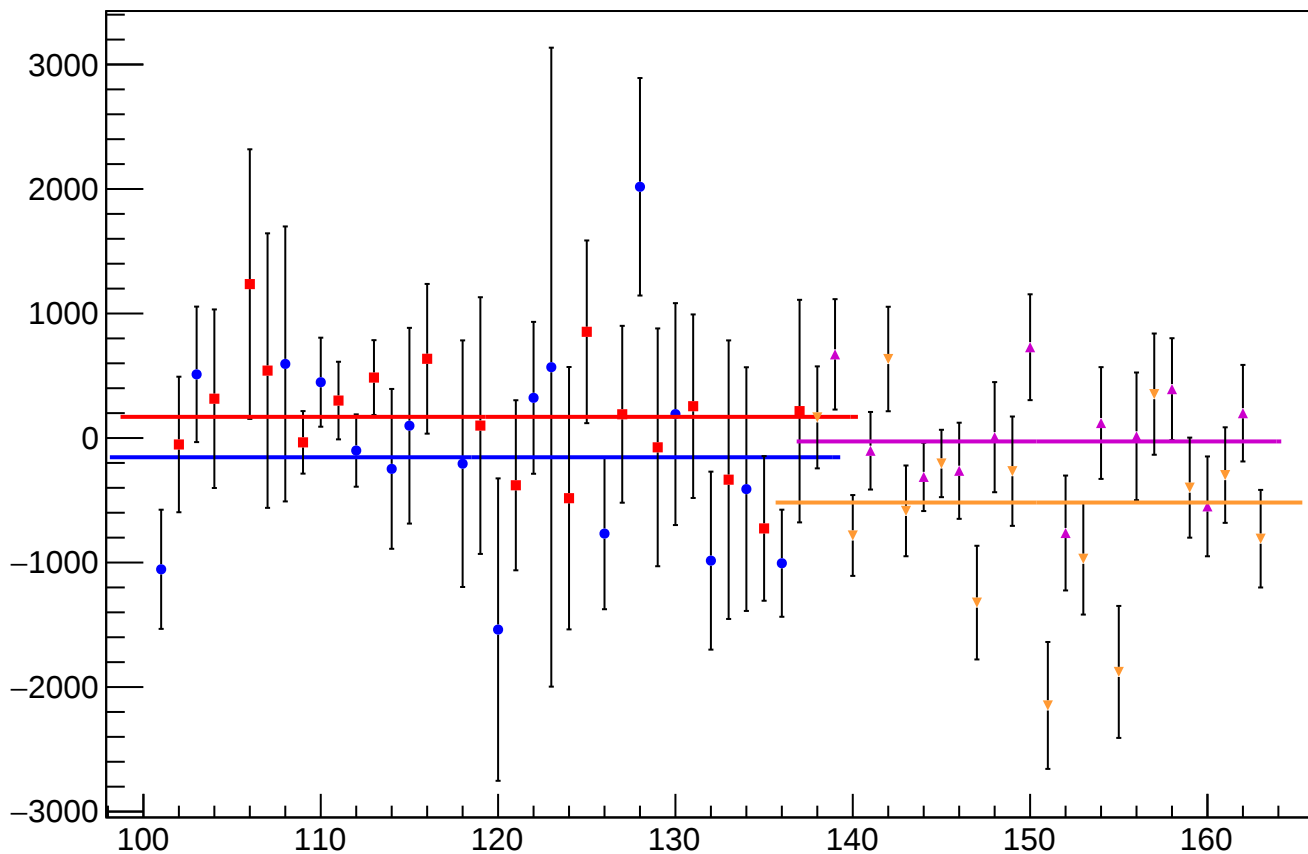
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 71.529 $\pm$ 0.013 χ^2/NDF : 553102.3/28

Out: 70.681 $\pm$ 0.012 χ^2/NDF : 507755.3/31

All: 71.086 $\pm$ 0.009 χ^2/NDF : 1063234.4/60

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -518.039 $\pm$ 106.350 χ^2/NDF : 37.8/13

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -27.417 $\pm$ 112.977 χ^2/NDF : 12.9/11

Left: -287.539 $\pm$ 77.438 χ^2/NDF : 60.7/25

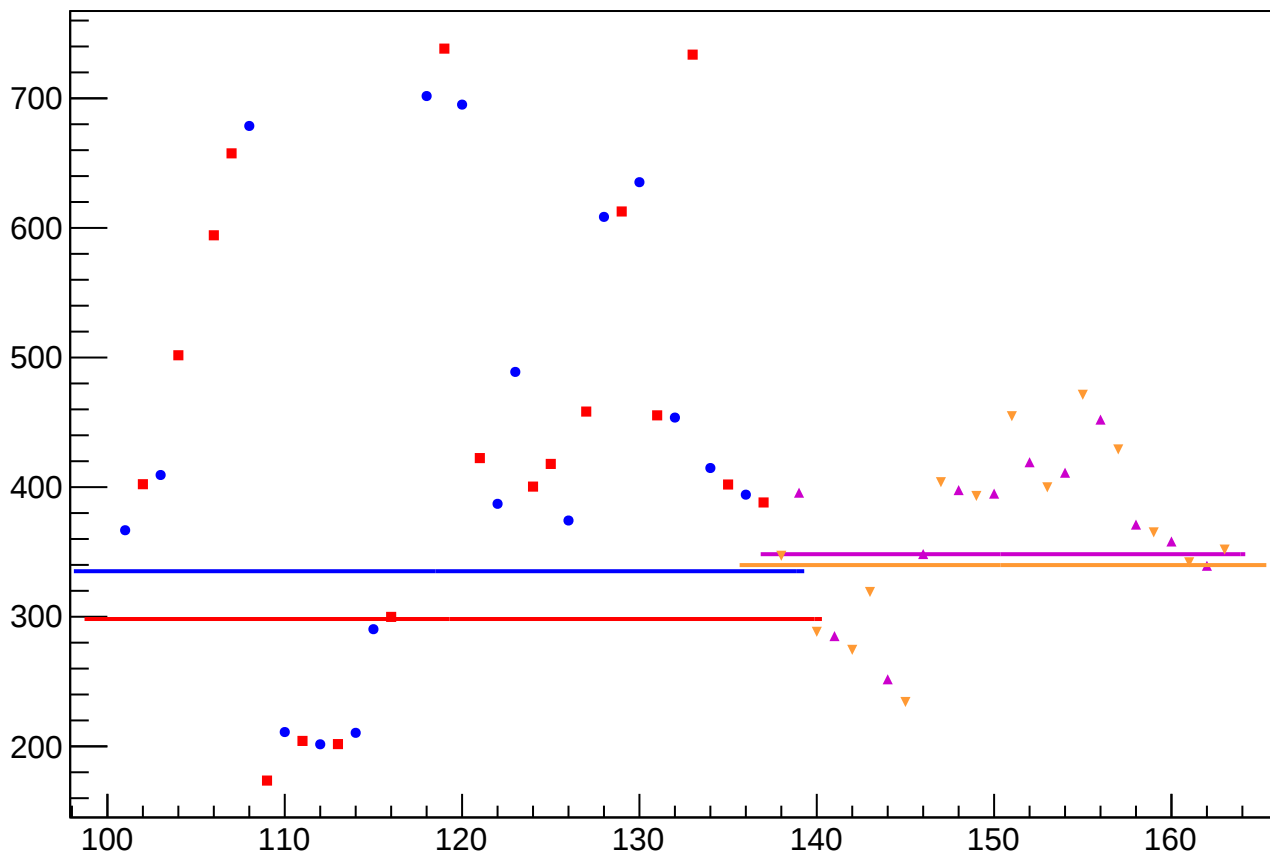
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -77.196 $\pm$ 88.093 χ^2/NDF : 36.6/28

Out: -232.366 $\pm$ 81.330 χ^2/NDF : 63.6/31

All: -160.966 $\pm$ 59.757 χ^2/NDF : 101.9/60

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 339.864+/-0.075 χ^2/NDF : 817032.0/13

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 348.263+/-0.080 χ^2/NDF : 579012.6/11

Left: 343.810+/-0.055 χ^2/NDF : 1401906.0/25

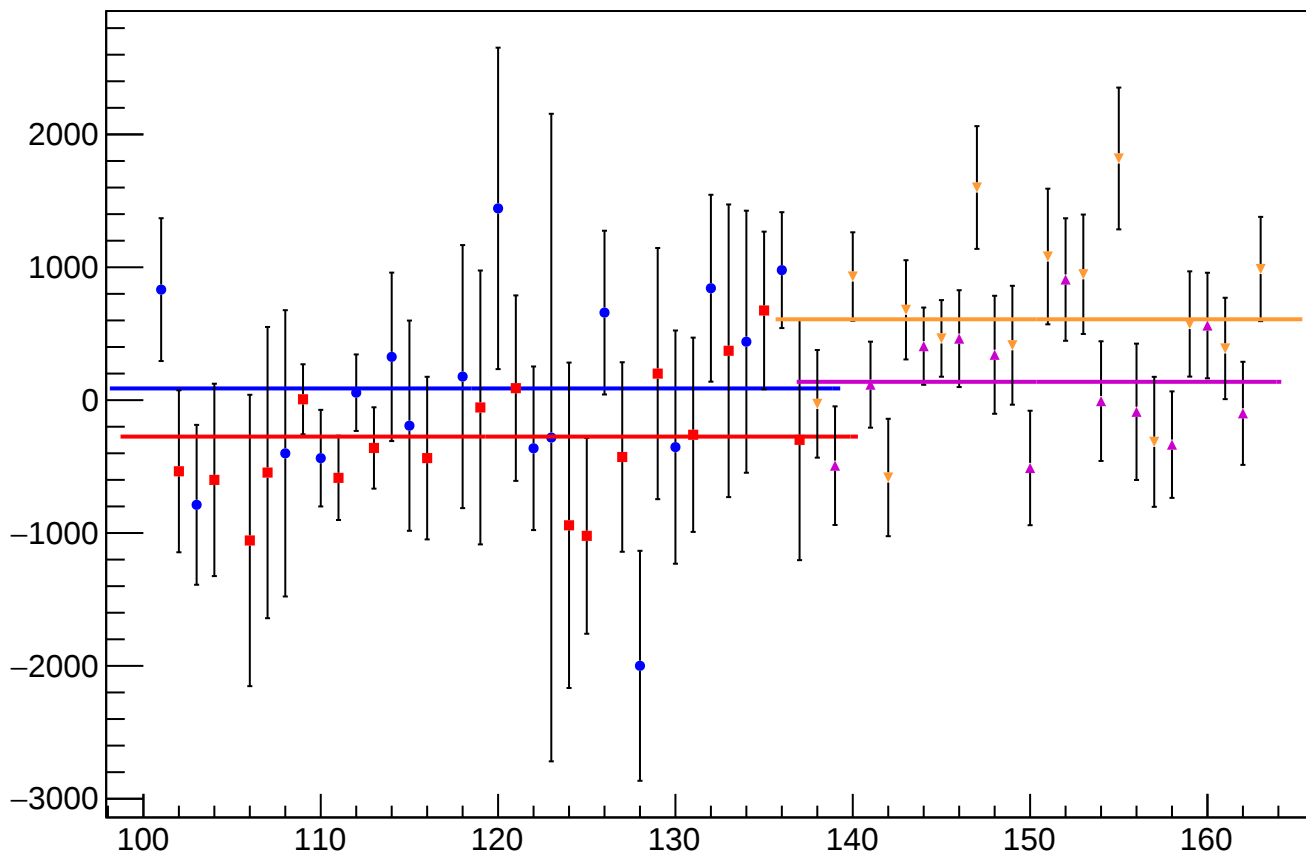
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 343.117+/-0.062 χ^2/NDF : 2583645.5/28

Out: 322.588+/-0.058 χ^2/NDF : 3720701.3/31

All: 332.034+/-0.042 χ^2/NDF : 6362981.4/60

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 608.544 $\pm$ 108.242 χ^2/NDF : 27.1/13

Right Out: -274.340 $\pm$ 129.866 χ^2/NDF : 8.0/17

Left In: 137.975 $\pm$ 113.936 χ^2/NDF : 12.1/11

Left: 385.310 $\pm$ 78.474 χ^2/NDF : 48.2/25

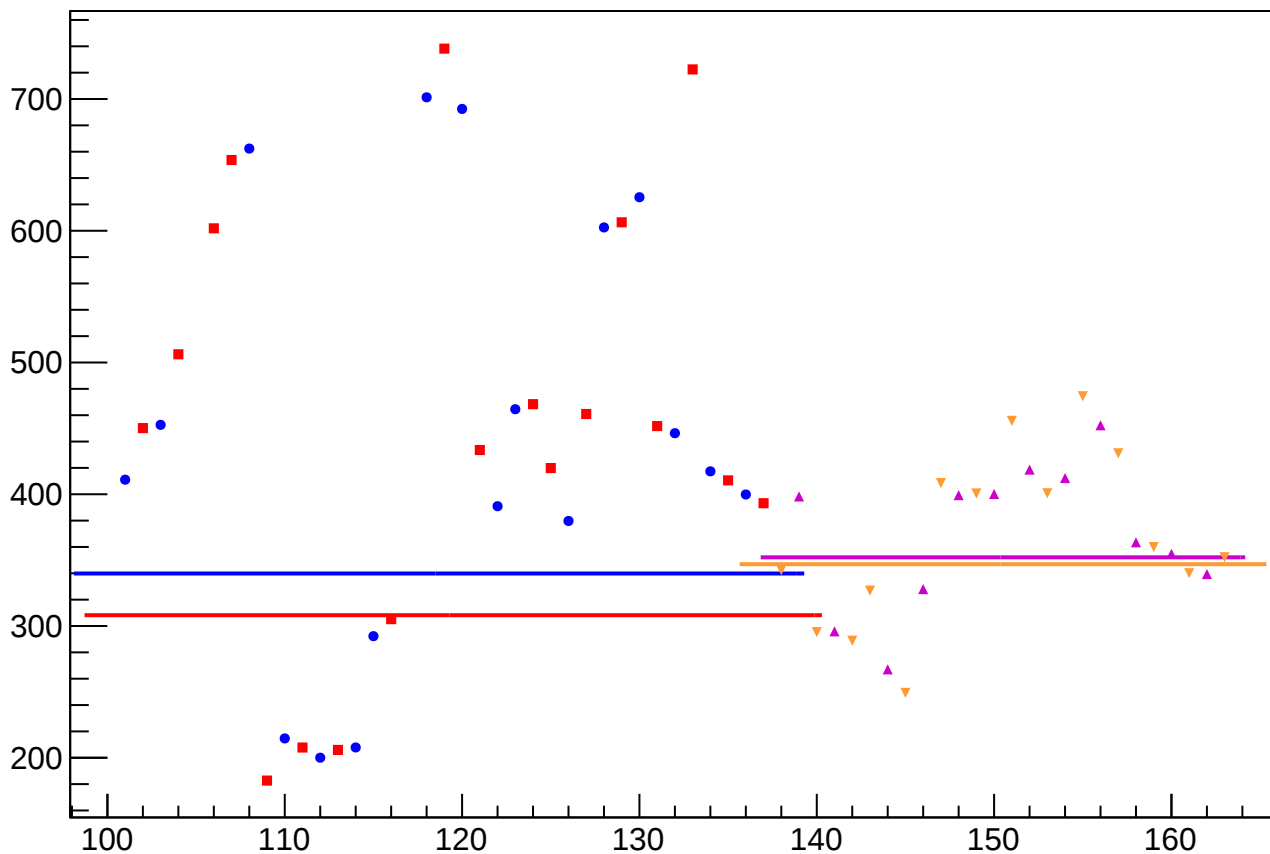
Right: -110.540 $\pm$ 96.143 χ^2/NDF : 32.4/34

In: 118.617 $\pm$ 89.114 χ^2/NDF : 33.0/28

Out: 246.626 $\pm$ 83.148 χ^2/NDF : 62.5/31

All: 187.050 $\pm$ 60.794 χ^2/NDF : 96.6/60

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 346.922 $\pm$ 0.077 χ^2 /NDF: 678483.5/13

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 352.135 $\pm$ 0.081 χ^2 /NDF: 466812.0/11

Left: 349.395 $\pm$ 0.055 χ^2 /NDF: 1147496.1/25

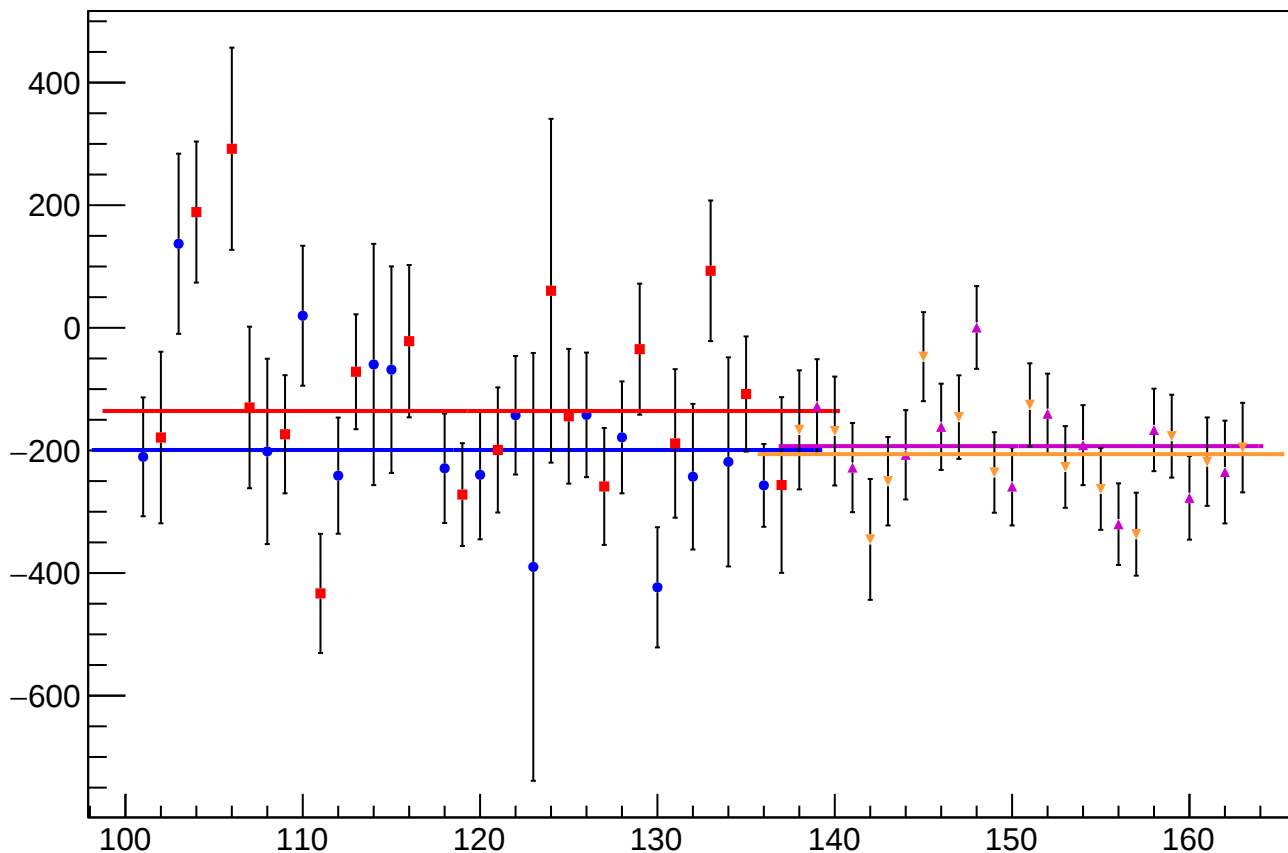
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 347.365 $\pm$ 0.063 χ^2 /NDF: 2519362.2/28

Out: 331.048 $\pm$ 0.059 χ^2 /NDF: 3482238.0/31

All: 338.642 $\pm$ 0.043 χ^2 /NDF: 6037445.5/60

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252±/26.515 χ^2/NDF : 17.6/16

Left Out: -206.039±/19.423 χ^2/NDF :14.7/13

Right Out: -135.623±/26.252 χ^2/NDF : 36.7/17

Left In: -192.980±/20.048 χ^2/NDF :16.7/11

Left: -199.716±/13.950 χ^2/NDF : 31.6/25

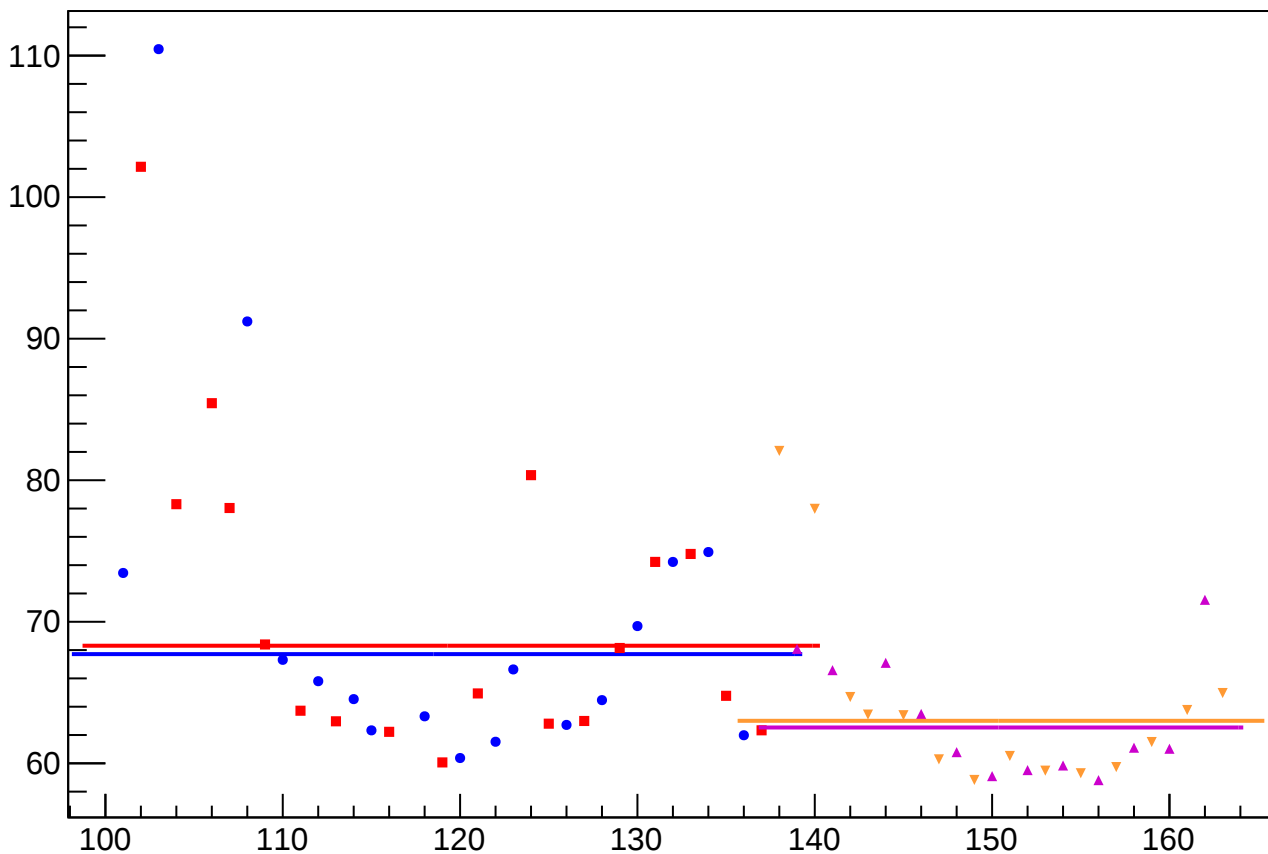
Right: -167.121±/18.655 χ^2/NDF : 57.2/34

In: -195.261±/15.991 χ^2/NDF :34.4/28

Out: -181.129±/15.614 χ^2/NDF :56.0/31

All: -188.026±/11.172 χ^2/NDF : 90.8/60

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.004 $\pm$ 0.014 χ^2/NDF : 167786.4/13

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.531 $\pm$ 0.014 χ^2/NDF : 70972.0/11

Left: 62.775 $\pm$ 0.010 χ^2/NDF : 239331.8/25

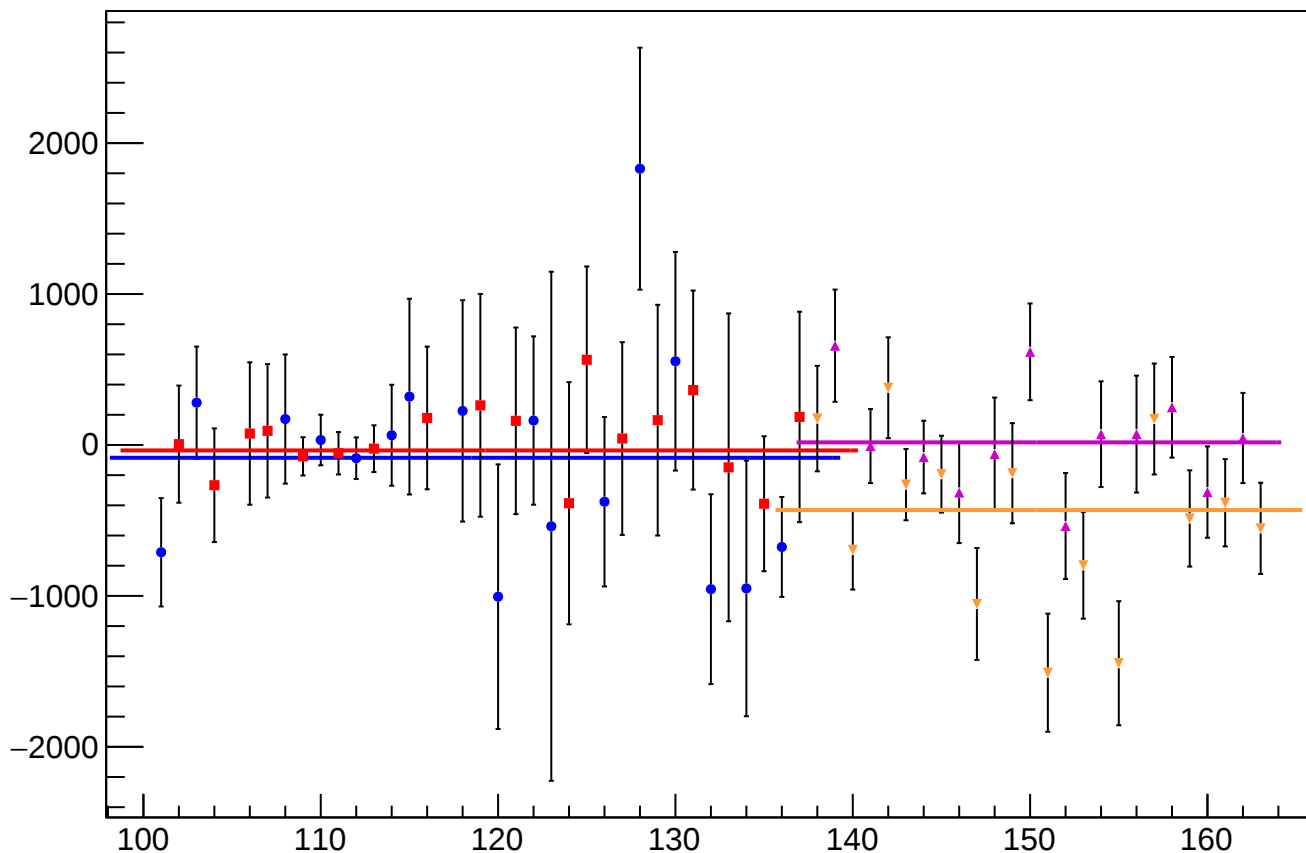
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.417 $\pm$ 0.011 χ^2/NDF : 402512.4/28

Out: 64.880 $\pm$ 0.011 χ^2/NDF : 454873.5/31

All: 64.654 $\pm$ 0.008 χ^2/NDF : 858246.1/60

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -431.233 $\pm$ 83.951 χ^2/NDF : 32.3/13

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 17.230 $\pm$ 90.927 χ^2/NDF : 11.9/11

Left: -224.860 $\pm$ 61.681 χ^2/NDF : 57.3/25

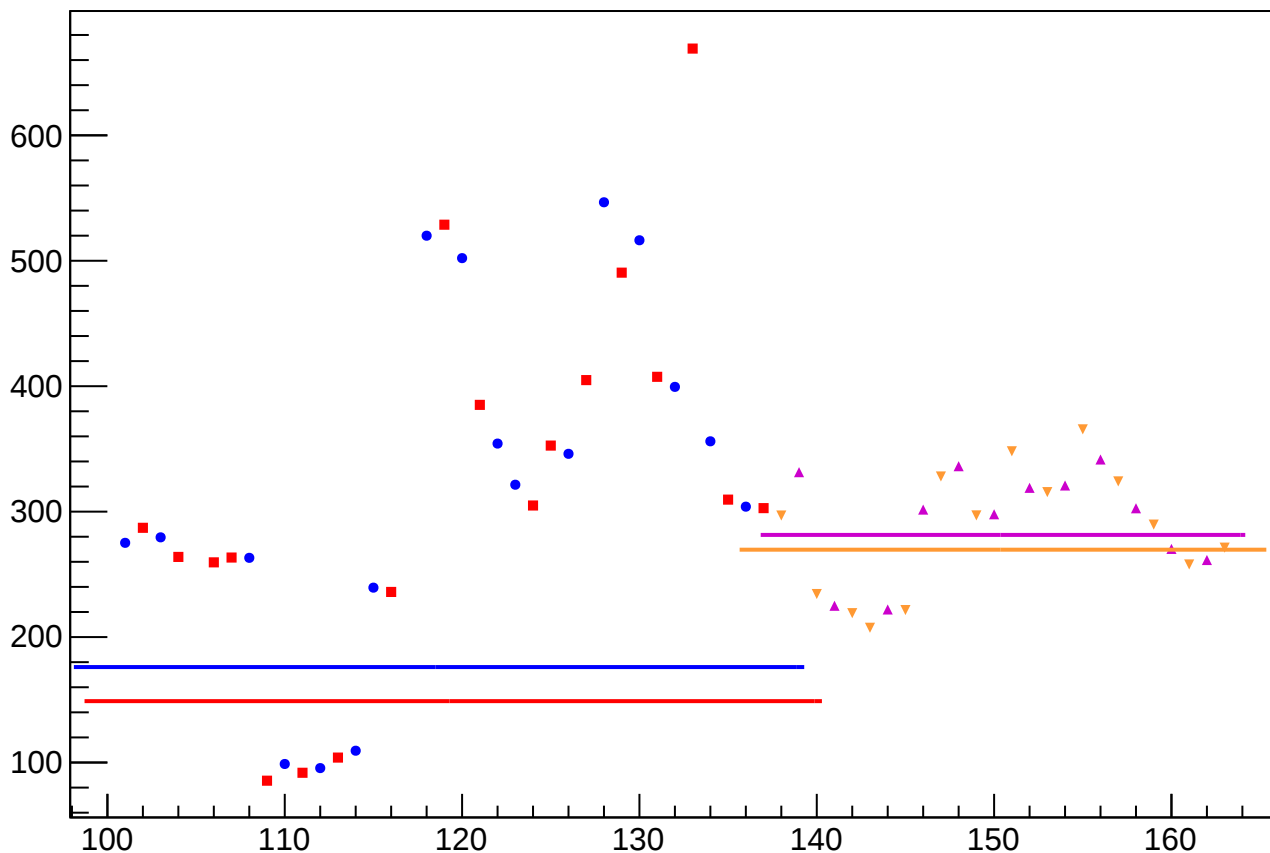
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -38.606 $\pm$ 61.167 χ^2/NDF : 32.5/28

Out: -197.486 $\pm$ 53.649 χ^2/NDF : 48.8/31

All: -128.404 $\pm$ 40.333 χ^2/NDF : 85.1/60

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.668+/-0.059 χ^2/NDF : 645729.7/13

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 281.447+/-0.064 χ^2/NDF : 435803.8/11

Left: 275.089+/-0.044 χ^2/NDF : 1099650.4/25

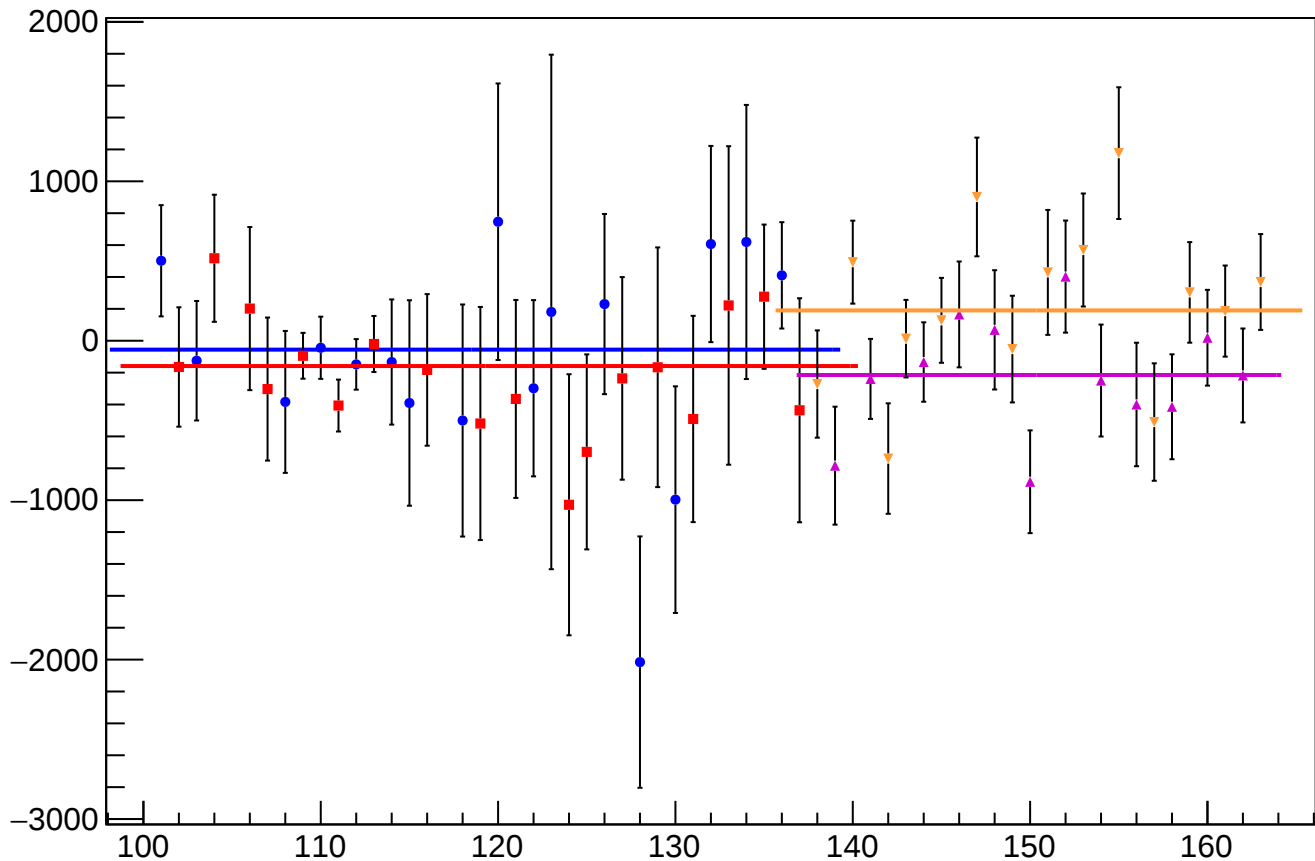
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 223.771+/-0.043 χ^2/NDF : 6129335.9/28

Out: 198.239+/-0.038 χ^2/NDF : 7863961.6/31

All: 209.340+/-0.029 χ^2/NDF : 14190248.7/60

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 190.201 ± 84.463 $\chi^2/\text{NDF}: 26.5/13$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -214.893 ± 91.333 $\chi^2/\text{NDF}: 13.0/11$

Left: 3.460 ± 62.011 $\chi^2/\text{NDF}: 50.1/25$

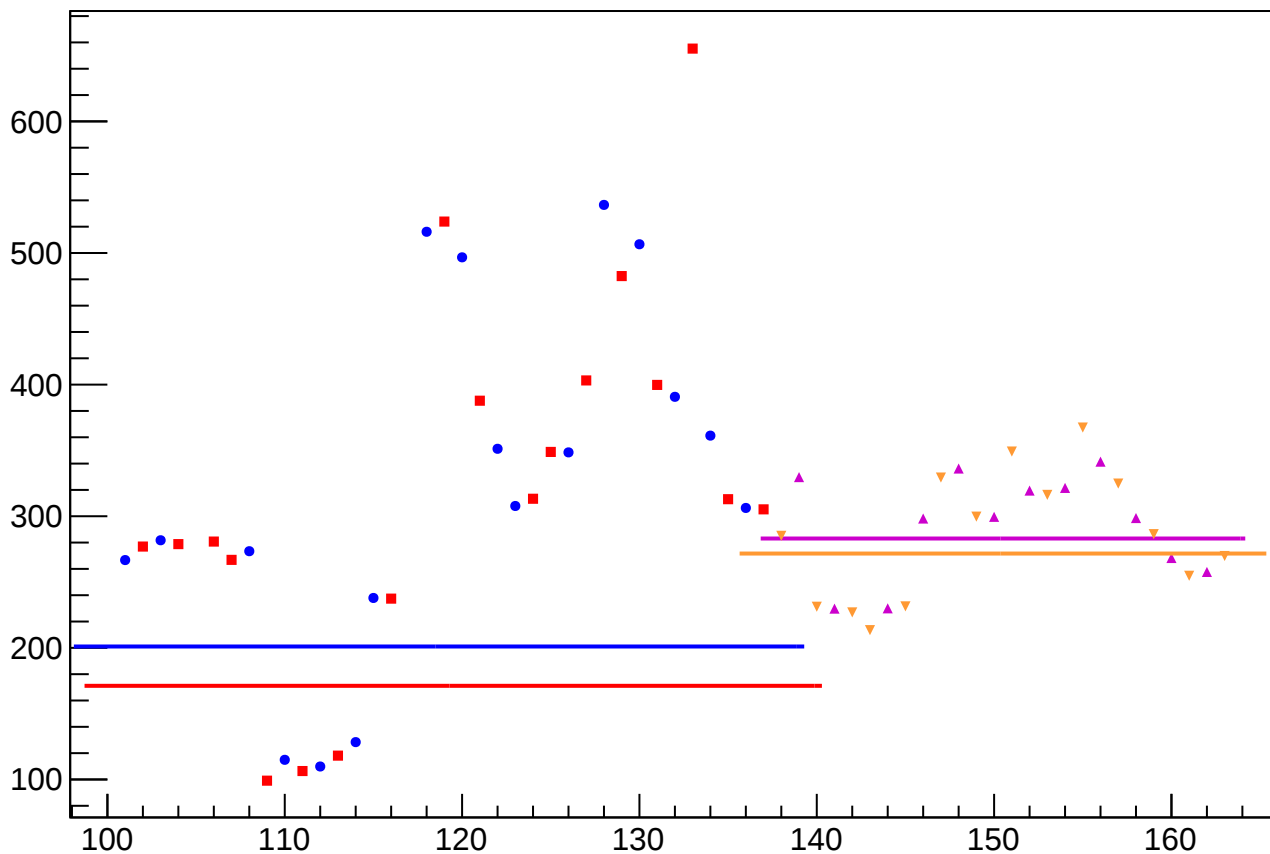
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -134.643 ± 64.311 $\chi^2/\text{NDF}: 31.6/28$

Out: -0.166 ± 56.932 $\chi^2/\text{NDF}: 46.2/31$

All: -59.250 ± 42.628 $\chi^2/\text{NDF}: 80.3/60$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.654 $\pm$ 0.060 χ^2/NDF : 577296.0/13

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 283.075 $\pm$ 0.065 χ^2/NDF : 377552.6/11

Left: 276.919 $\pm$ 0.044 χ^2/NDF : 971707.3/25

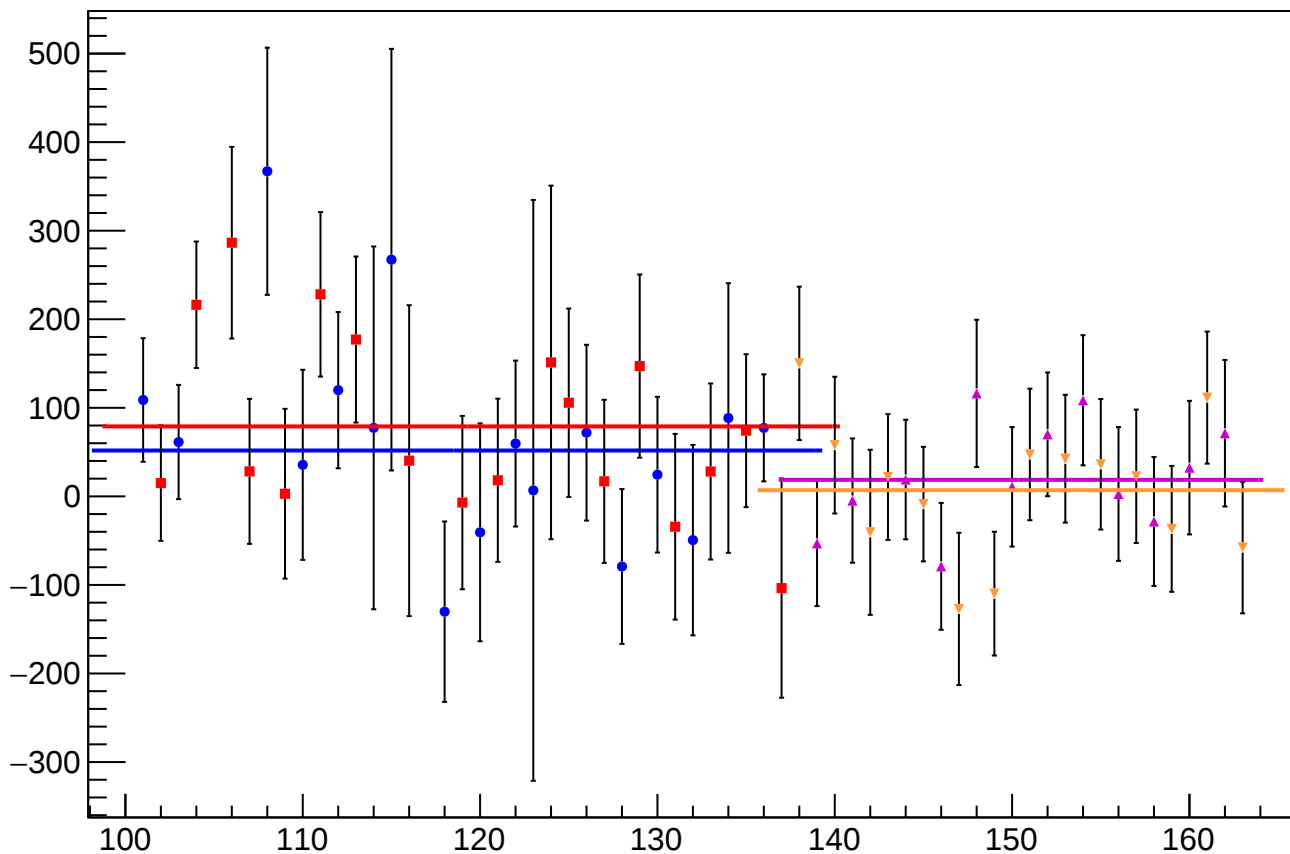
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 241.713 $\pm$ 0.045 χ^2/NDF : 4624159.4/28

Out: 216.818 $\pm$ 0.040 χ^2/NDF : 6187809.1/31

All: 227.756 $\pm$ 0.030 χ^2/NDF : 10979983.2/60

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 6.973 $\pm$ 20.056 χ^2 /NDF:12.6/13

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 18.653 $\pm$ 21.047 χ^2 /NDF:7.3/11

Left: 12.531 $\pm$ 14.519 χ^2 /NDF: 20.1/25

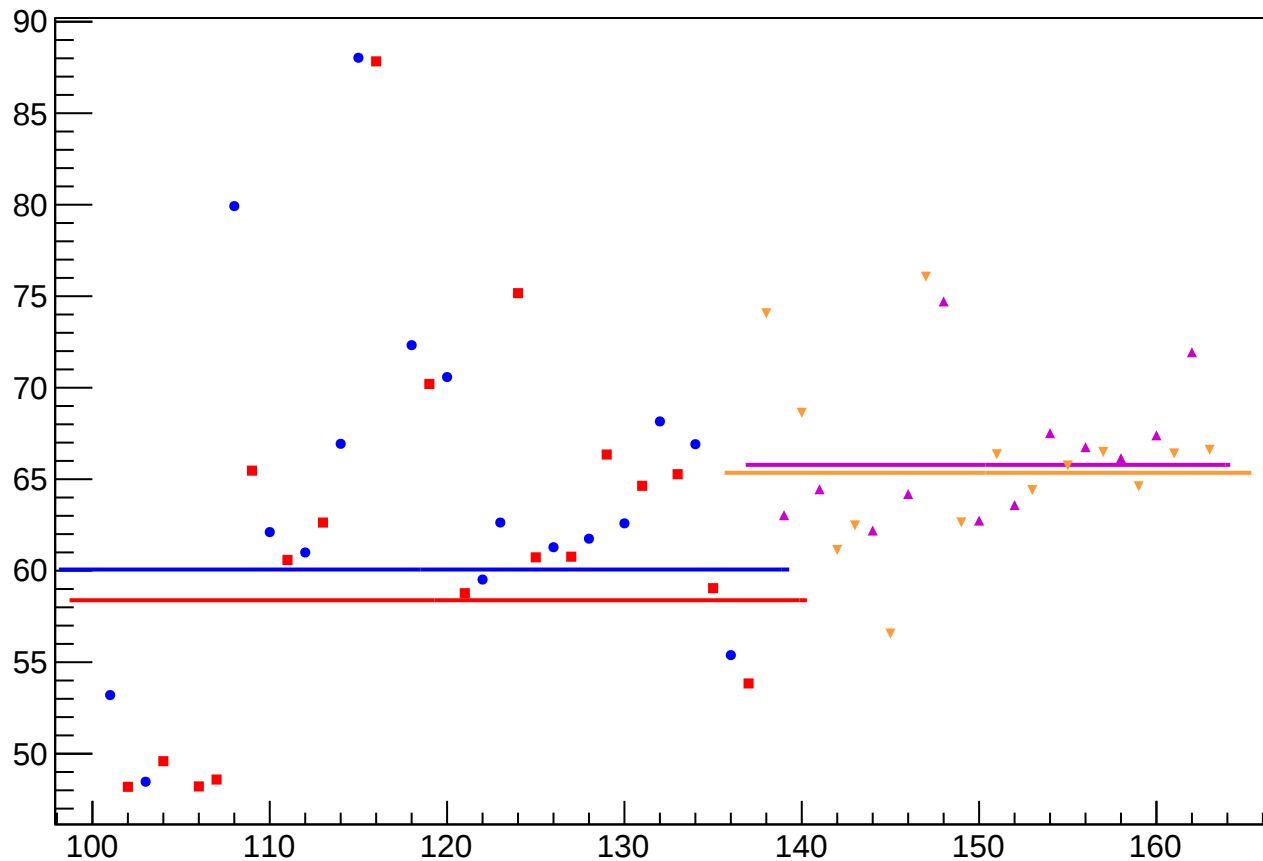
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 33.380 $\pm$ 15.690 χ^2 /NDF:23.0/28

Out: 38.868 $\pm$ 14.971 χ^2 /NDF:37.3/31

All: 36.252 $\pm$ 10.831 χ^2 /NDF: 60.3/60

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.350 $\pm$ 0.014 χ^2/NDF : 104620.8/13

Right Out: 58.387 $\pm$ 0.016 χ^2/NDF : 275017.2/17

Left In: 65.785 $\pm$ 0.015 χ^2/NDF : 52989.6/11

Left: 65.557 $\pm$ 0.010 χ^2/NDF : 158057.8/25

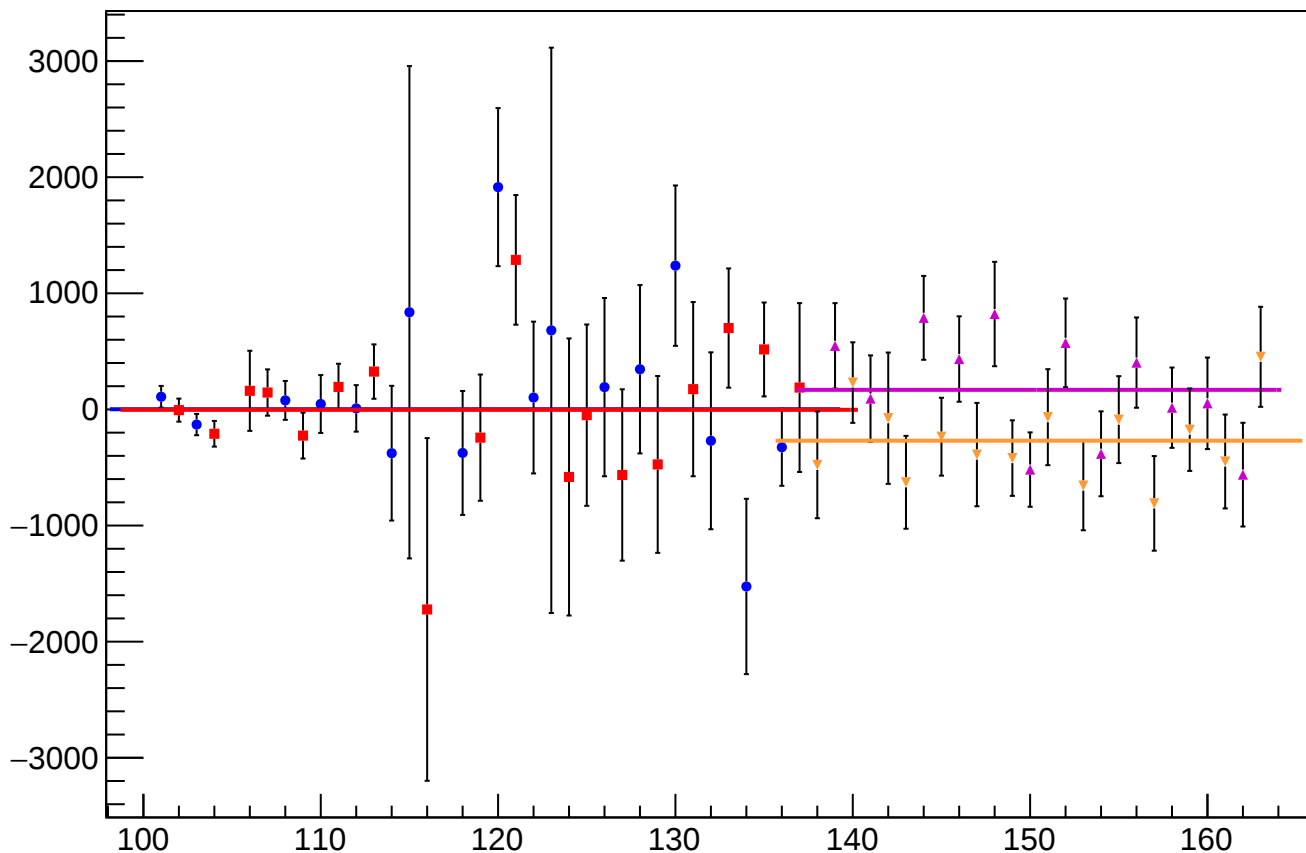
Right: 59.188 $\pm$ 0.012 χ^2/NDF : 509429.8/34

In: 63.244 $\pm$ 0.011 χ^2/NDF : 347706.8/28

Out: 62.267 $\pm$ 0.011 χ^2/NDF : 486376.6/31

All: 62.732 $\pm$ 0.008 χ^2/NDF : 838139.5/60

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -269.287 $\pm$ 104.818 χ^2 /NDF:9.8/13

Right Out: -3.242 $\pm$ 56.611 χ^2 /NDF: 20.2/17

Left In: 168.698 $\pm$ 108.383 χ^2 /NDF:18.0/11

Left: -57.617 $\pm$ 75.346 χ^2 /NDF: 36.2/25

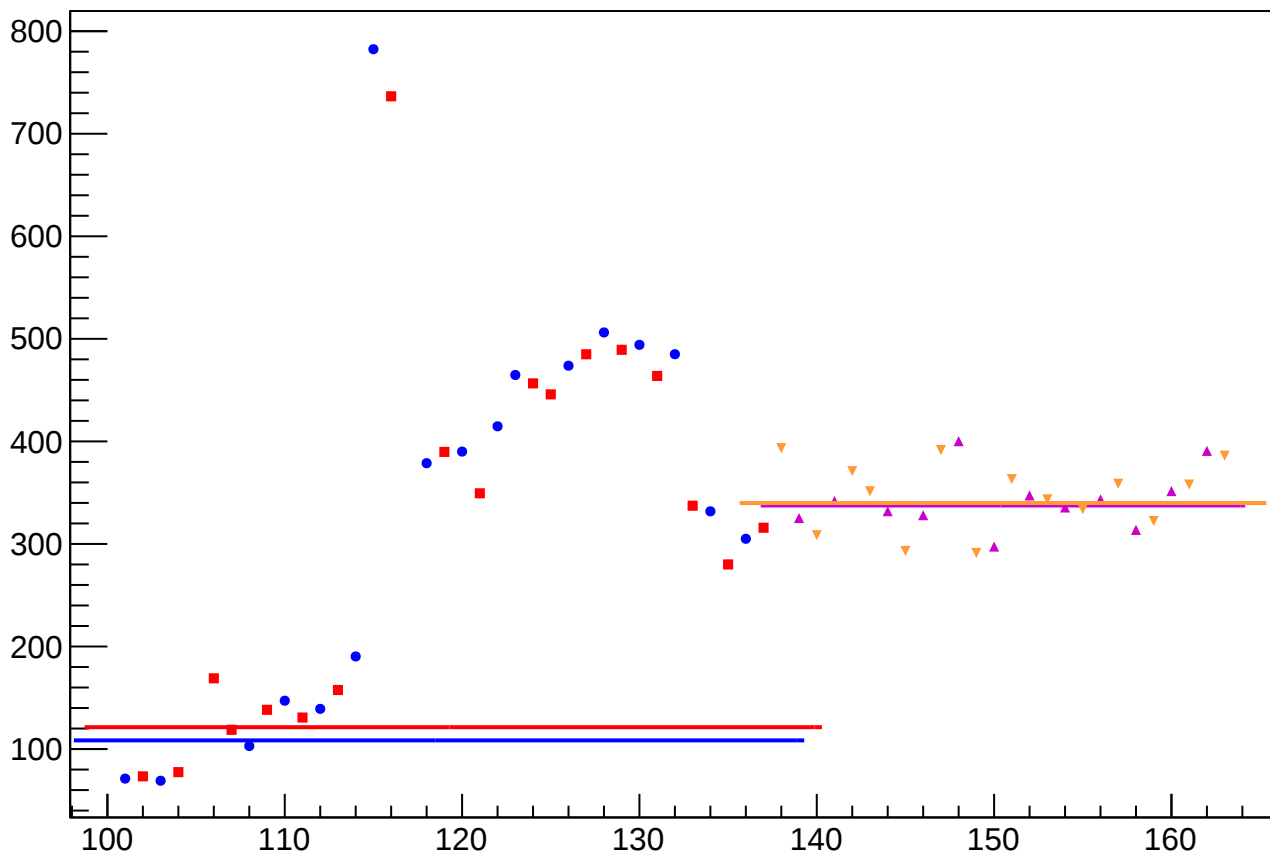
Right: -0.730 $\pm$ 39.182 χ^2 /NDF: 41.6/34

In: 35.095 $\pm$ 48.537 χ^2 /NDF:41.3/28

Out: -63.322 $\pm$ 49.811 χ^2 /NDF:35.0/31

All: -12.839 $\pm$ 34.762 χ^2 /NDF: 78.3/60

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: 339.886 $\pm$ 0.074 χ^2 /NDF: 204897.7/13

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 337.498 $\pm$ 0.077 χ^2 /NDF: 116750.7/11

Left: 338.732 $\pm$ 0.053 χ^2 /NDF: 322150.1/25

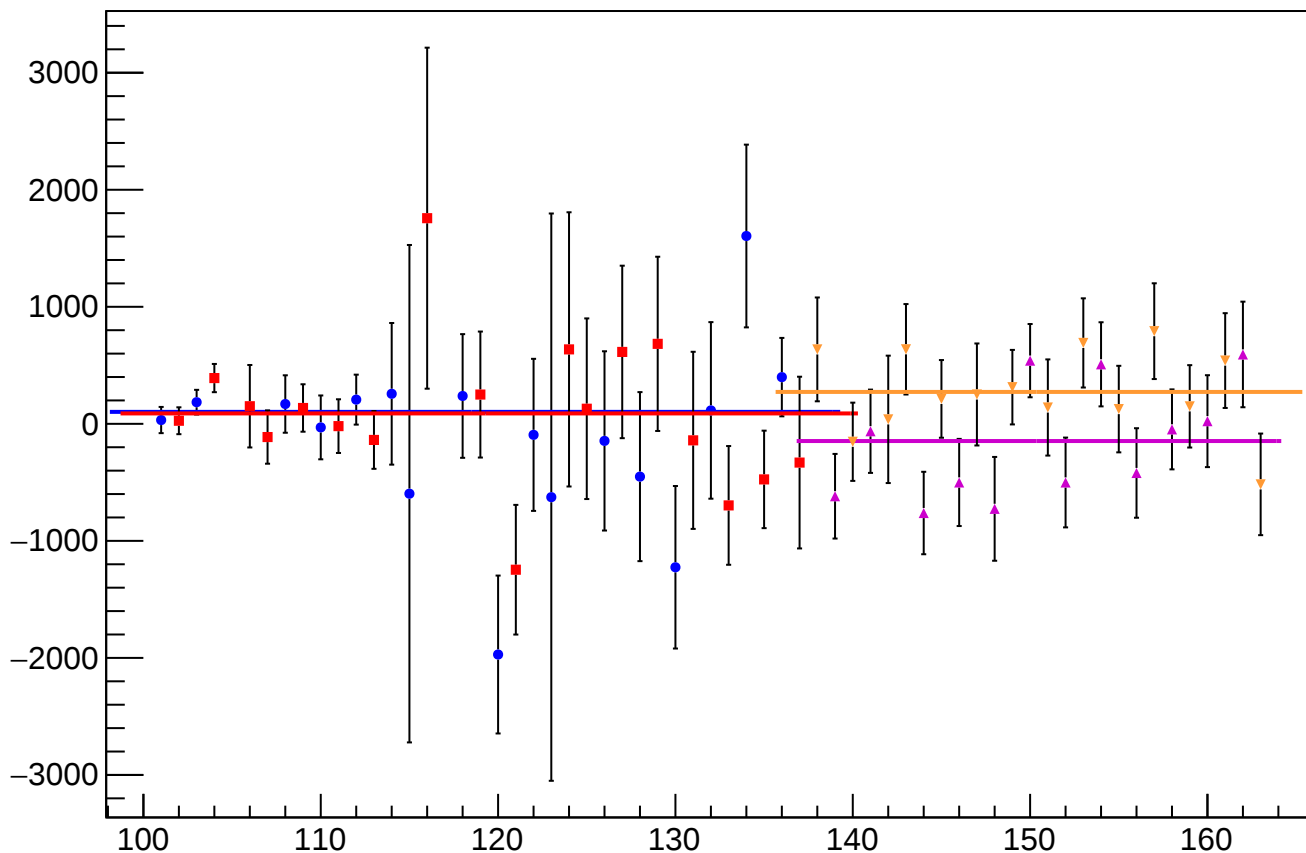
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 154.380 $\pm$ 0.034 χ^2 /NDF: 12662037.7/28

Out: 170.665 $\pm$ 0.035 χ^2 /NDF: 11669781.8/31

All: 162.312 $\pm$ 0.025 χ^2 /NDF: 24441471.0/60

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 272.645 $\pm$ 103.200 χ^2 /NDF:10.4/13

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -146.986 $\pm$ 106.929 χ^2 /NDF:19.9/11

Left: 70.274 $\pm$ 74.257 χ^2 /NDF: 38.2/25

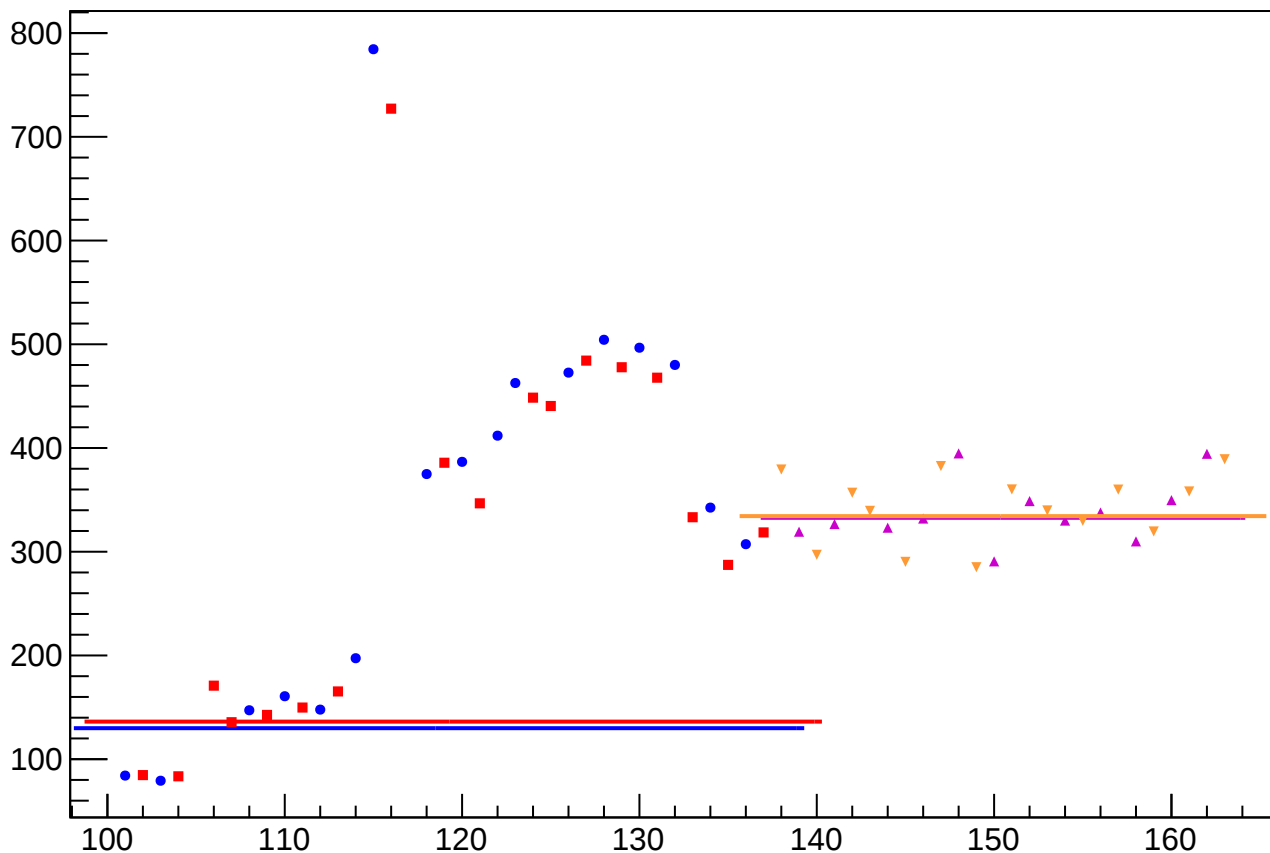
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 37.812 $\pm$ 54.361 χ^2 /NDF:44.2/28

Out: 137.854 $\pm$ 53.291 χ^2 /NDF:34.4/31

All: 88.827 $\pm$ 38.055 χ^2 /NDF: 80.3/60

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 334.332 $\pm$ 0.073 χ^2 /NDF: 215637.7/13

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 332.688 $\pm$ 0.076 χ^2 /NDF: 134062.0/11

Left: 333.539 $\pm$ 0.053 χ^2 /NDF: 349944.6/25

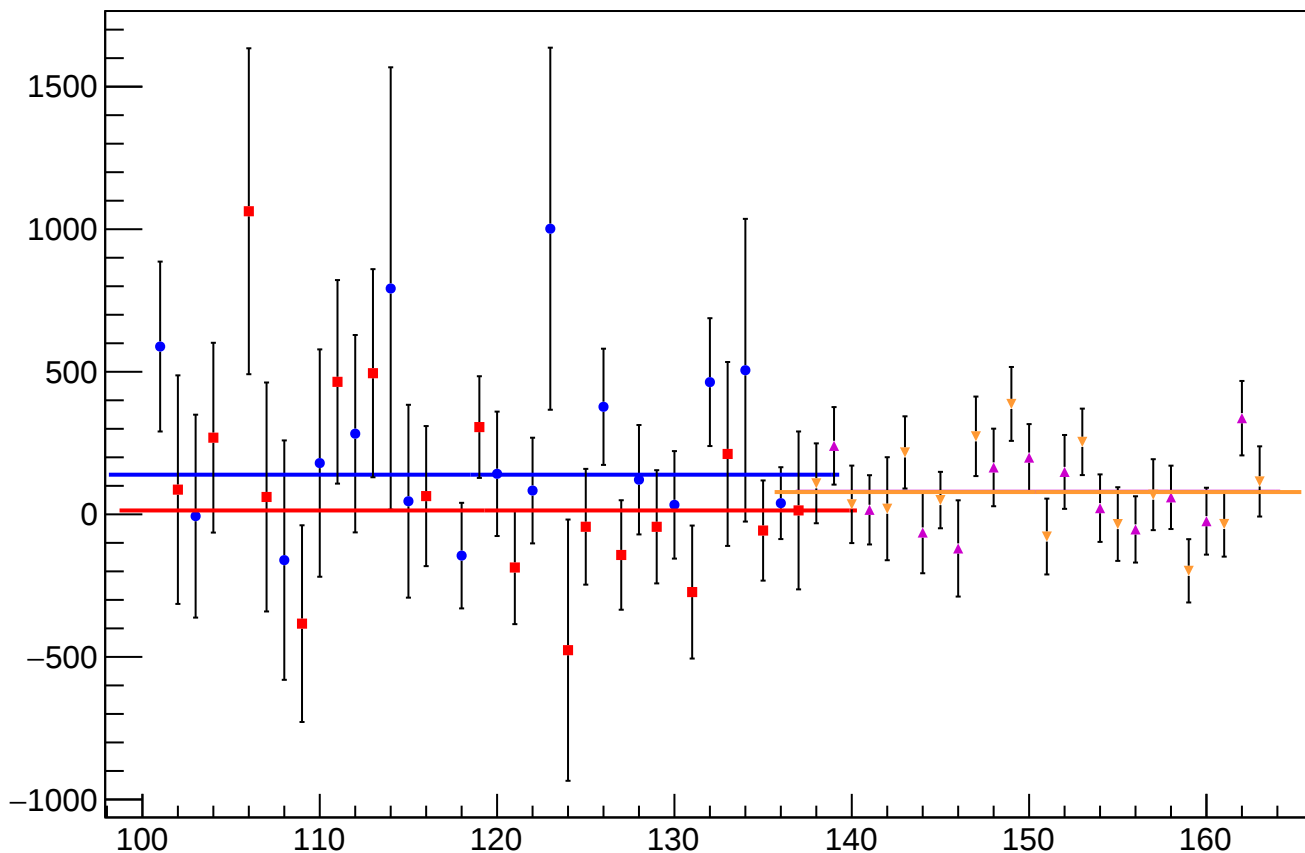
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 182.300 $\pm$ 0.038 χ^2 /NDF: 10298559.3/28

Out: 189.052 $\pm$ 0.038 χ^2 /NDF: 9903241.9/31

All: 185.743 $\pm$ 0.027 χ^2 /NDF: 20217535.3/60

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: 78.220 $\pm$ 33.532 χ^2 /NDF:20.9/13

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 79.287 $\pm$ 36.522 χ^2 /NDF:12.0/11

Left: 78.708 $\pm$ 24.700 χ^2 /NDF: 32.9/25

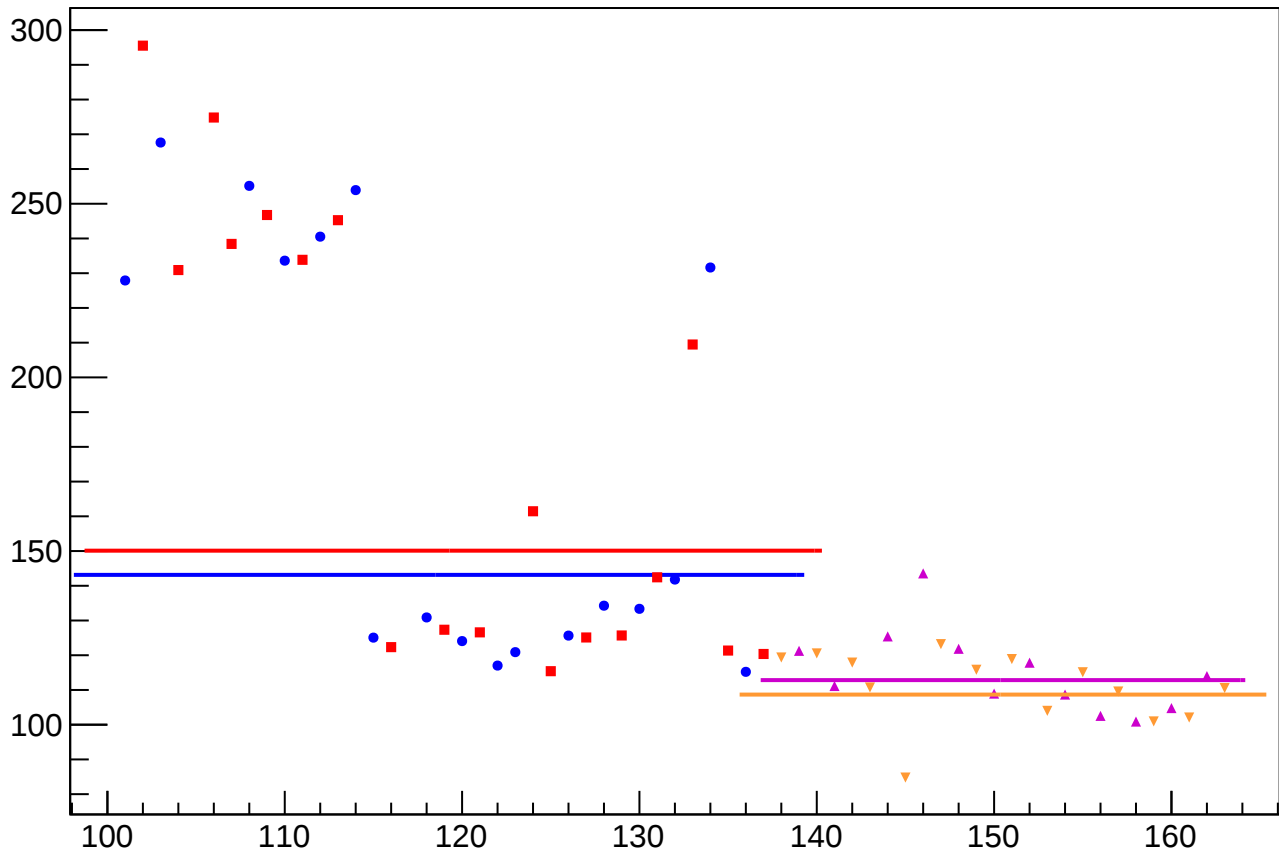
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 96.276 $\pm$ 30.903 χ^2 /NDF:25.9/28

Out: 62.899 $\pm$ 29.286 χ^2 /NDF:38.2/31

All: 78.691 $\pm$ 21.257 χ^2 /NDF: 64.7/60

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 +/- 0.041 χ^2/NDF : 1101269.0/16

Left Out: 108.672 +/- 0.024 χ^2/NDF : 213860.8/13

Right Out: 150.109 +/- 0.043 χ^2/NDF : 1332775.0/17

Left In: 112.838 +/- 0.026 χ^2/NDF : 154643.3/11

Left: 110.578 +/- 0.017 χ^2/NDF : 382623.4/25

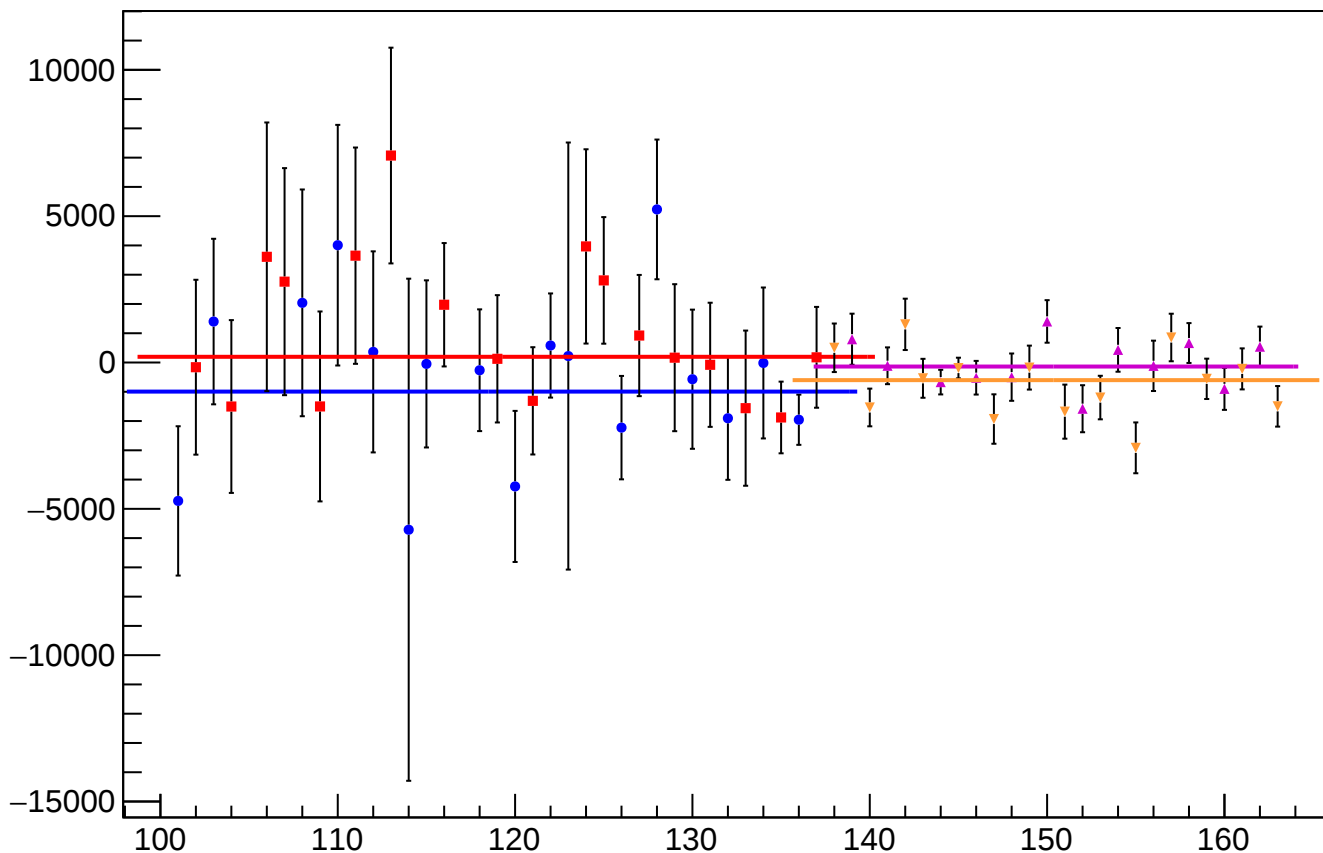
Right: 146.498 +/- 0.030 χ^2/NDF : 2447968.1/34

In: 121.446 +/- 0.022 χ^2/NDF : 1646981.2/28

Out: 118.502 +/- 0.021 χ^2/NDF : 2271166.2/31

All: 119.895 +/- 0.015 χ^2/NDF : 3927705.2/60

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -602.565+/-180.656 χ^2/NDF : 27.1/13

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -137.700+/-192.995 χ^2/NDF : 15.2/11

Left: -385.467+/-131.889 χ^2/NDF : 45.3/25

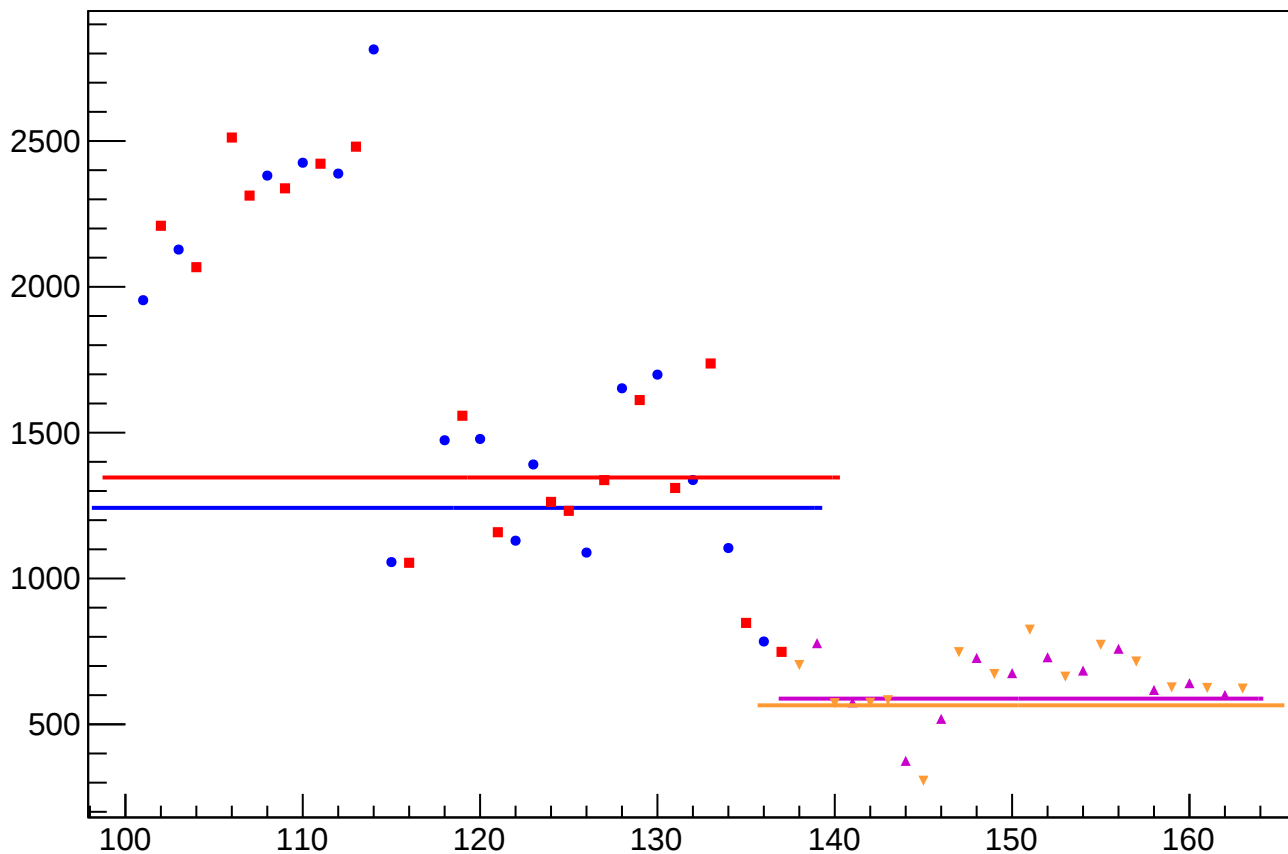
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -242.596+/-180.785 χ^2/NDF : 34.5/28

Out: -523.293+/-171.443 χ^2/NDF : 42.5/31

All: -390.383+/-124.400 χ^2/NDF : 78.3/60

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2/NDF : 1767422.8/16

Left Out: 565.154 $\pm$ 0.128 χ^2/NDF : 1679681.2/13

Right Out: 1346.340 $\pm$ 0.385 χ^2/NDF : 1809161.2/17

Left In: 588.076 $\pm$ 0.136 χ^2/NDF : 917207.5/11

Left: 575.859 $\pm$ 0.093 χ^2/NDF : 2611925.8/25

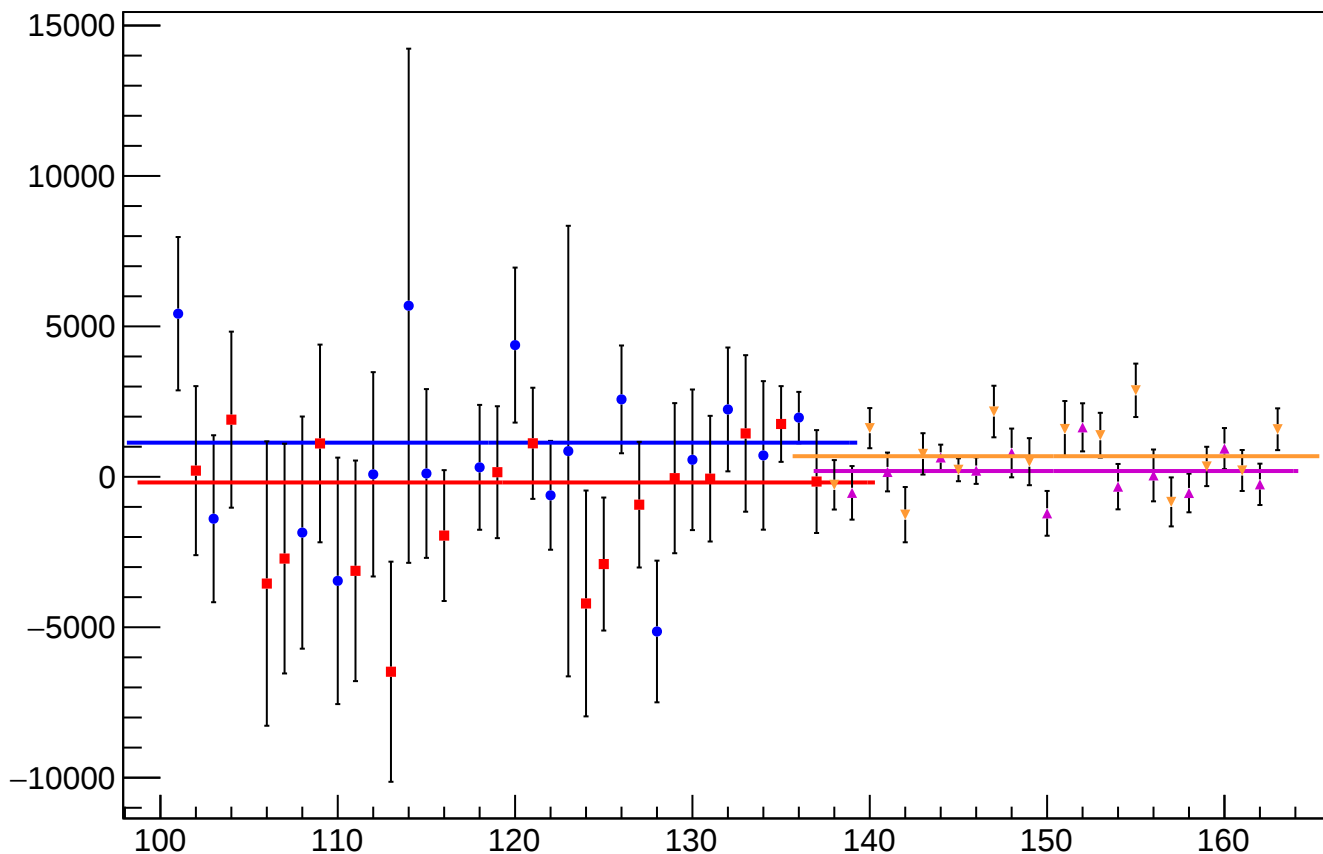
Right: 1291.570 $\pm$ 0.265 χ^2/NDF : 3615166.4/34

In: 668.223 $\pm$ 0.128 χ^2/NDF : 5499553.7/28

Out: 642.794 $\pm$ 0.121 χ^2/NDF : 7205601.2/31

All: 654.834 $\pm$ 0.088 χ^2/NDF : 12725988.9/60

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 685.128+/-184.940 χ^2/NDF : 26.1/13

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 192.495+/-185.642 χ^2/NDF : 12.6/11

Left: 439.744+/-131.020 χ^2/NDF : 42.2/25

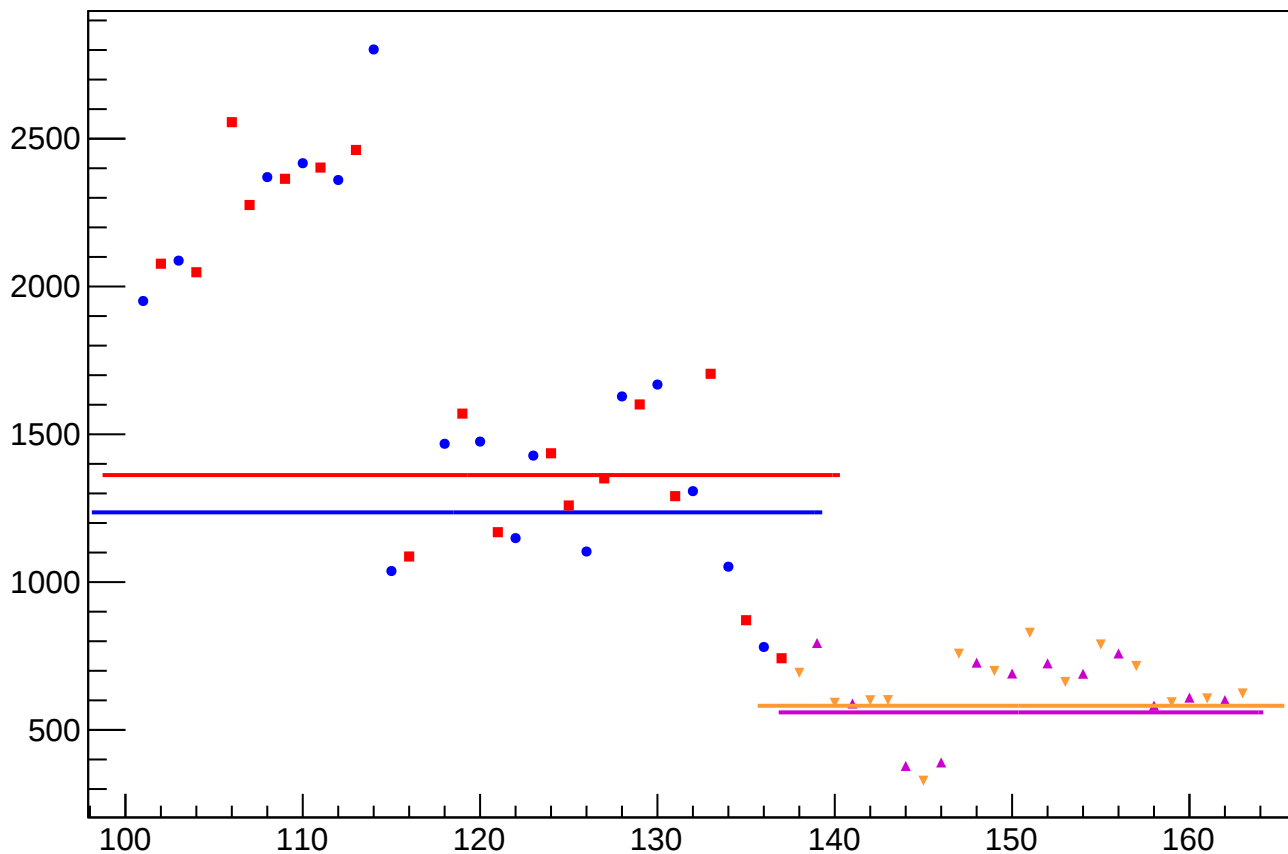
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 301.365+/-174.594 χ^2/NDF : 33.4/28

Out: 595.957+/-175.237 χ^2/NDF : 40.3/31

All: 448.120+/-123.683 χ^2/NDF : 75.1/60

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 581.682 $\pm$ 0.131 χ^2 /NDF:1395113.0/13

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 559.338 $\pm$ 0.131 χ^2 /NDF:1223480.4/11

Left: 570.552 $\pm$ 0.093 χ^2 /NDF: 2633134.7/25

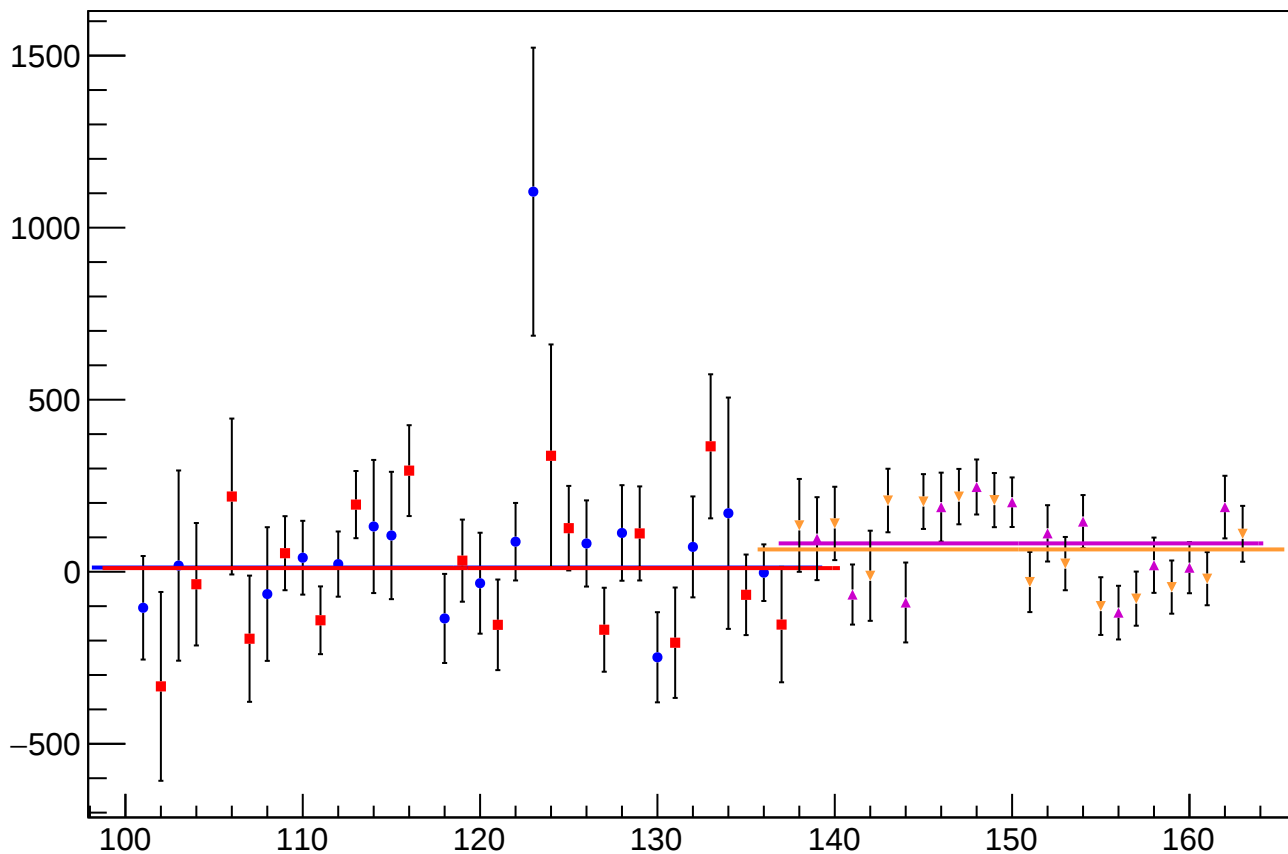
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 637.474 $\pm$ 0.123 χ^2 /NDF:6037248.7/28

Out: 661.428 $\pm$ 0.124 χ^2 /NDF:6743507.2/31

All: 649.407 $\pm$ 0.087 χ^2 /NDF: 12799509.0/60

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 64.900 $\pm$ 23.062 χ^2 /NDF:25.6/13

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 82.455 $\pm$ 24.530 χ^2 /NDF:23.5/11

Left: 73.136 $\pm$ 16.802 χ^2 /NDF: 49.4/25

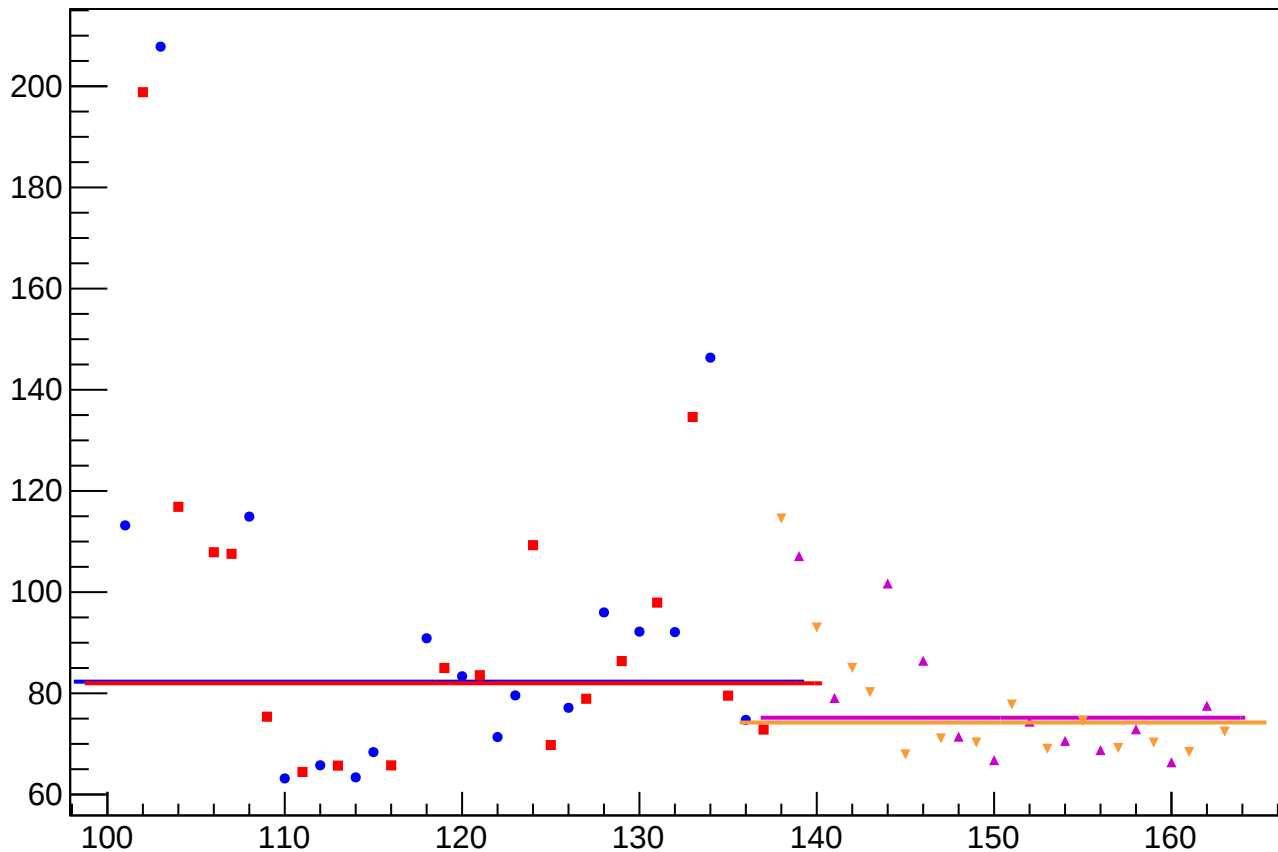
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 57.711 $\pm$ 19.735 χ^2 /NDF:41.7/28

Out: 46.791 $\pm$ 18.828 χ^2 /NDF:54.2/31

All: 51.994 $\pm$ 13.623 χ^2 /NDF: 96.1/60

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 74.229+/-0.016 χ^2/NDF : 321356.3/13

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 75.180+/-0.017 χ^2/NDF : 357539.7/11

Left: 74.675+/-0.012 χ^2/NDF : 680492.5/25

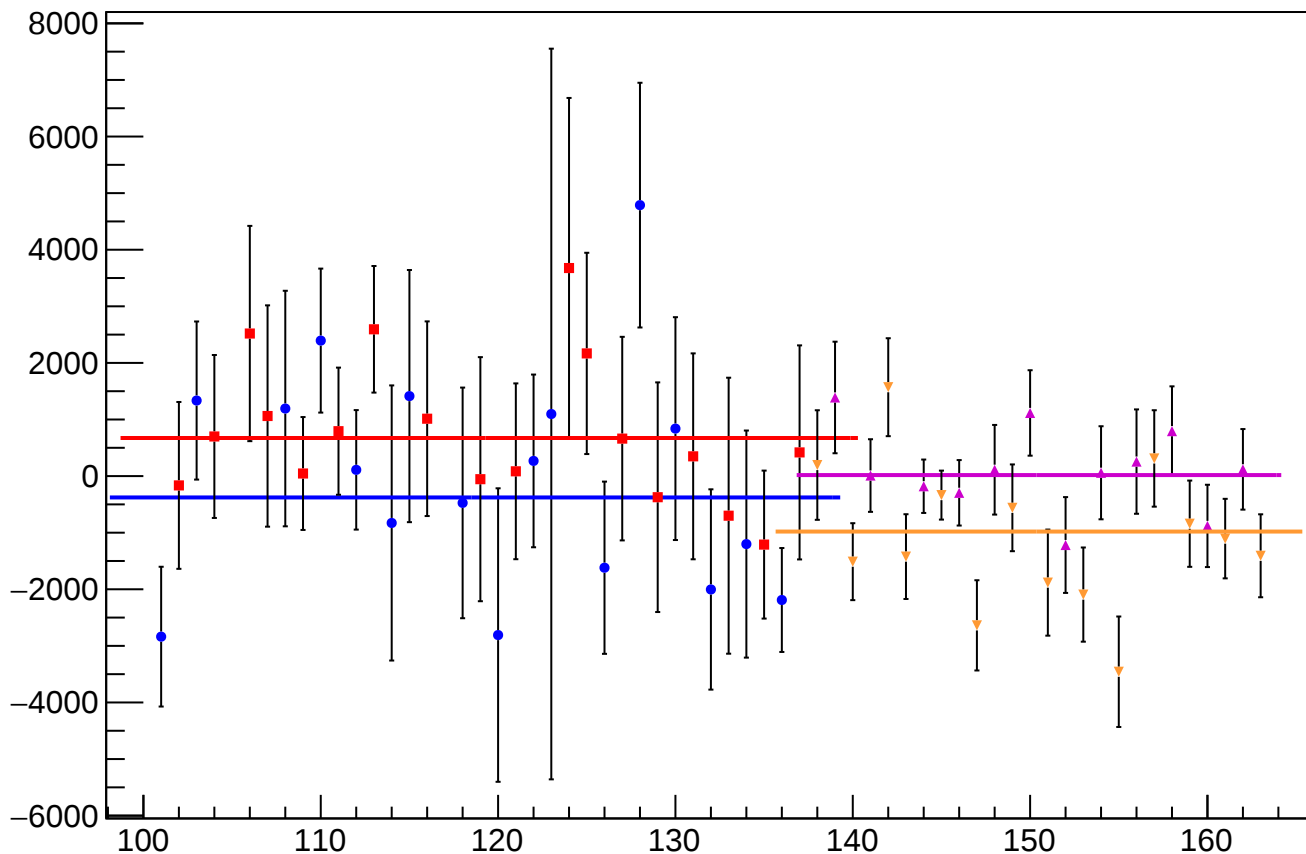
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 77.694+/-0.014 χ^2/NDF : 1285817.5/28

Out: 76.816+/-0.013 χ^2/NDF : 1250055.2/31

All: 77.234+/-0.010 χ^2/NDF : 2537944.1/60

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -979.954 $\pm$ 197.704 χ^2 /NDF:29.8/13

Right Out: 673.192 $\pm$ 368.624 χ^2 /NDF: 9.4/17

Left In: 18.044 $\pm$ 204.980 χ^2 /NDF:9.2/11

Left: -498.982 $\pm$ 142.301 χ^2 /NDF: 51.3/25

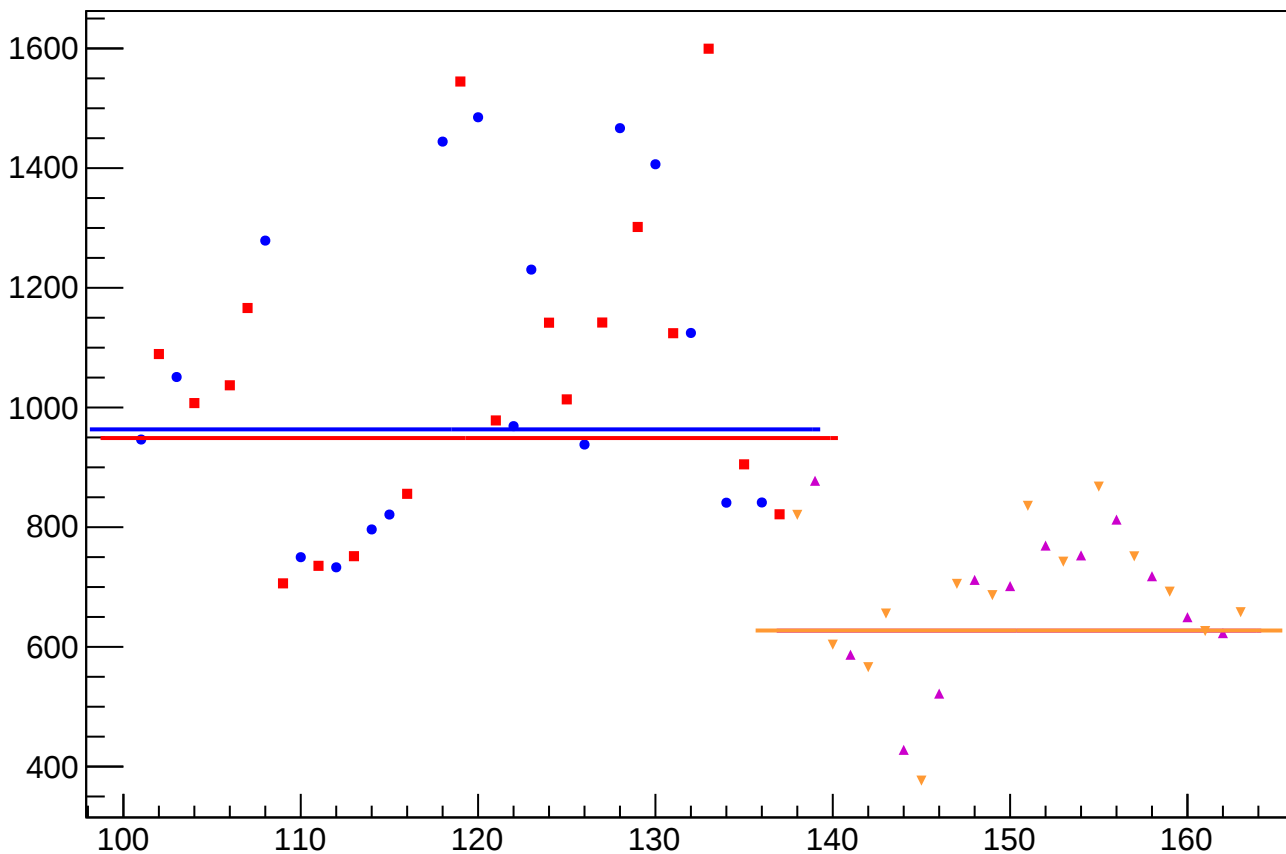
Right: 169.244 $\pm$ 265.892 χ^2 /NDF: 37.7/34

In: -69.669 $\pm$ 180.819 χ^2 /NDF:34.5/28

Out: -610.655 $\pm$ 174.227 χ^2 /NDF:54.8/31

All: -350.202 $\pm$ 125.463 χ^2 /NDF: 94.0/60

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 627.361 $\pm$ 0.140 χ^2 /NDF:1116776.3/13

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 627.097 $\pm$ 0.145 χ^2 /NDF:814546.6/11

Left: 627.234 $\pm$ 0.101 χ^2 /NDF: 1931324.6/25

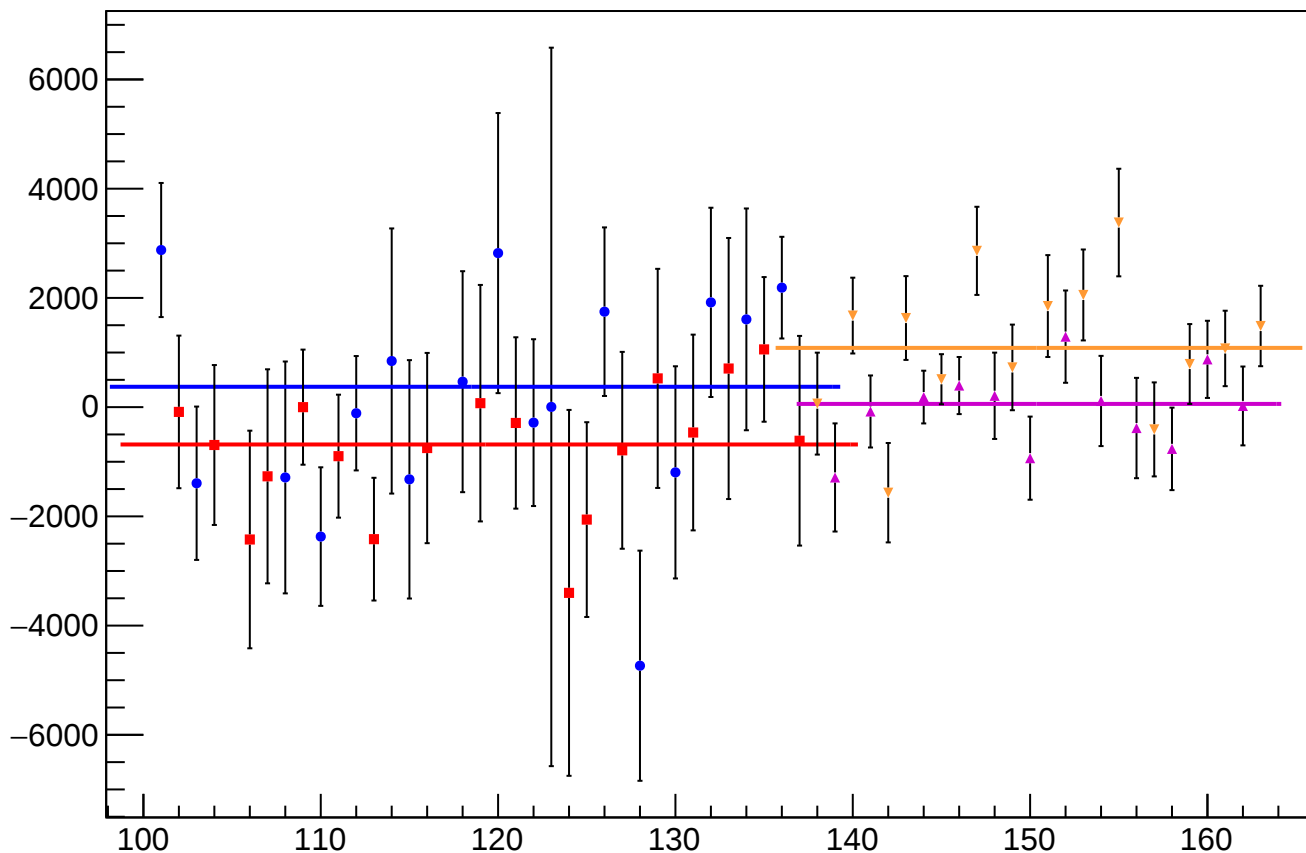
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 701.721 $\pm$ 0.128 χ^2 /NDF:2698245.5/28

Out: 699.201 $\pm$ 0.123 χ^2 /NDF:3028273.1/31

All: 700.414 $\pm$ 0.089 χ^2 /NDF: 5726720.1/60

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1084.980 $\pm$ 200.693 χ^2/NDF : 28.5/13

Right Out: -683.612 $\pm$ 372.418 χ^2/NDF : 7.8/17

Left In: 59.072 $\pm$ 202.759 χ^2/NDF : 9.0/11

Left: 577.281 $\pm$ 142.636 χ^2/NDF : 50.4/25

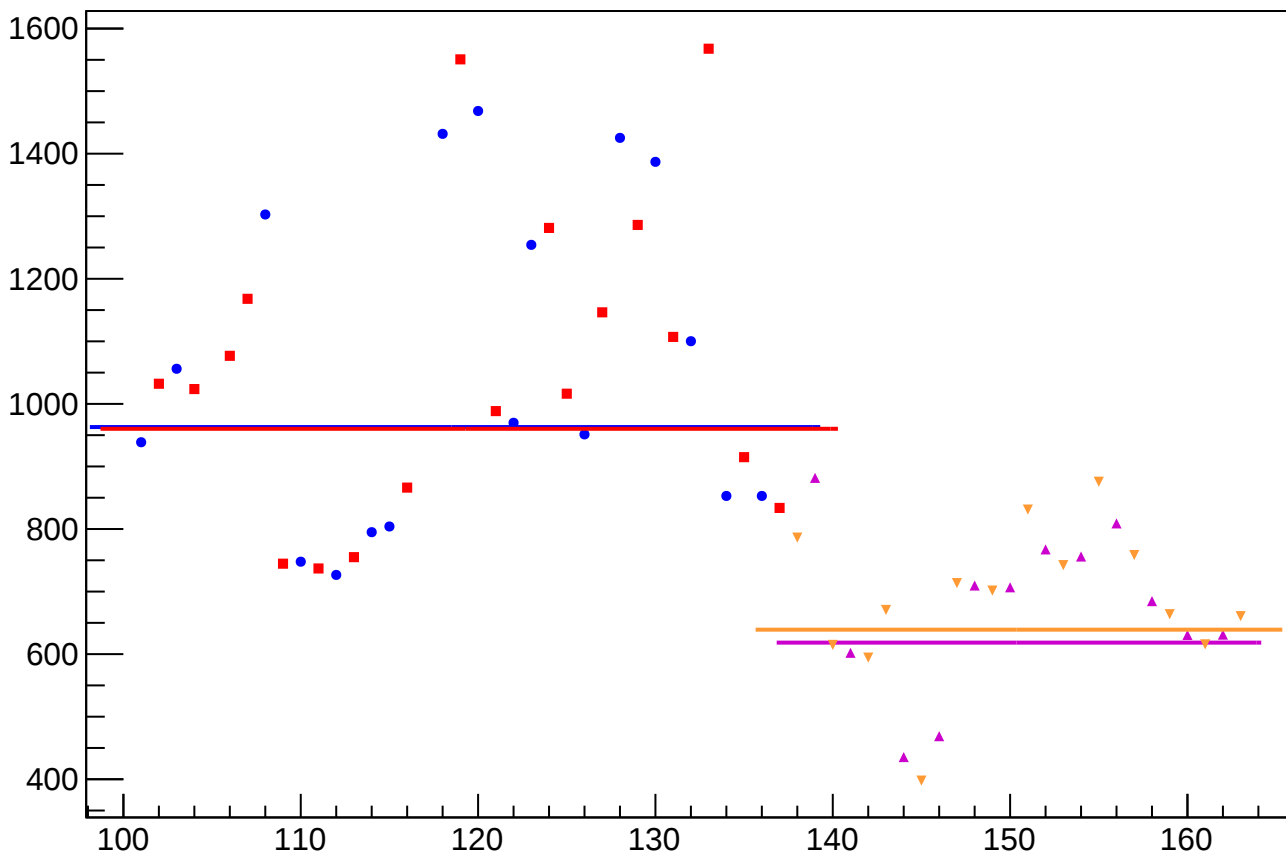
Right: -171.066 $\pm$ 267.226 χ^2/NDF : 36.9/34

In: 127.586 $\pm$ 179.265 χ^2/NDF : 34.8/28

Out: 686.960 $\pm$ 176.672 χ^2/NDF : 53.7/31

All: 411.347 $\pm$ 125.833 χ^2/NDF : 93.4/60

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 639.089 $\pm$ 0.142 χ^2/NDF : 918570.9/13

Right Out: 960.218 $\pm$ 0.263 χ^2/NDF : 671009.3/17

Left In: 618.390 $\pm$ 0.143 χ^2/NDF : 867930.7/11

Left: 628.845 $\pm$ 0.101 χ^2/NDF : 1797030.8/25

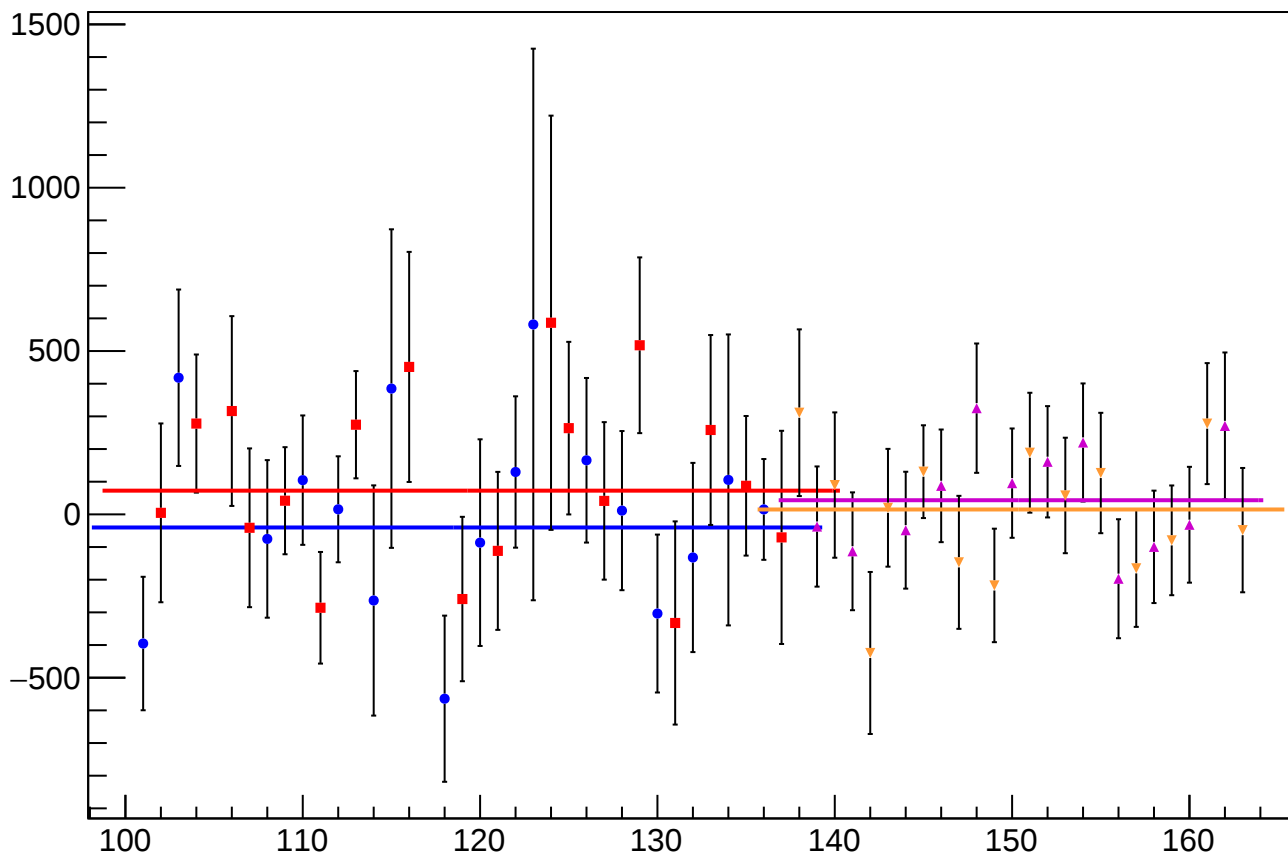
Right: 961.553 $\pm$ 0.189 χ^2/NDF : 1338584.2/34

In: 693.618 $\pm$ 0.127 χ^2/NDF : 2796540.0/28

Out: 711.359 $\pm$ 0.125 χ^2/NDF : 2741973.6/31

All: 702.618 $\pm$ 0.089 χ^2/NDF : 5548449.7/60

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 14.962 ± 49.758 χ^2/NDF : 12.5/13

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 43.304 ± 52.204 χ^2/NDF : 8.5/11

Left: 28.453 ± 36.018 χ^2/NDF : 21.1/25

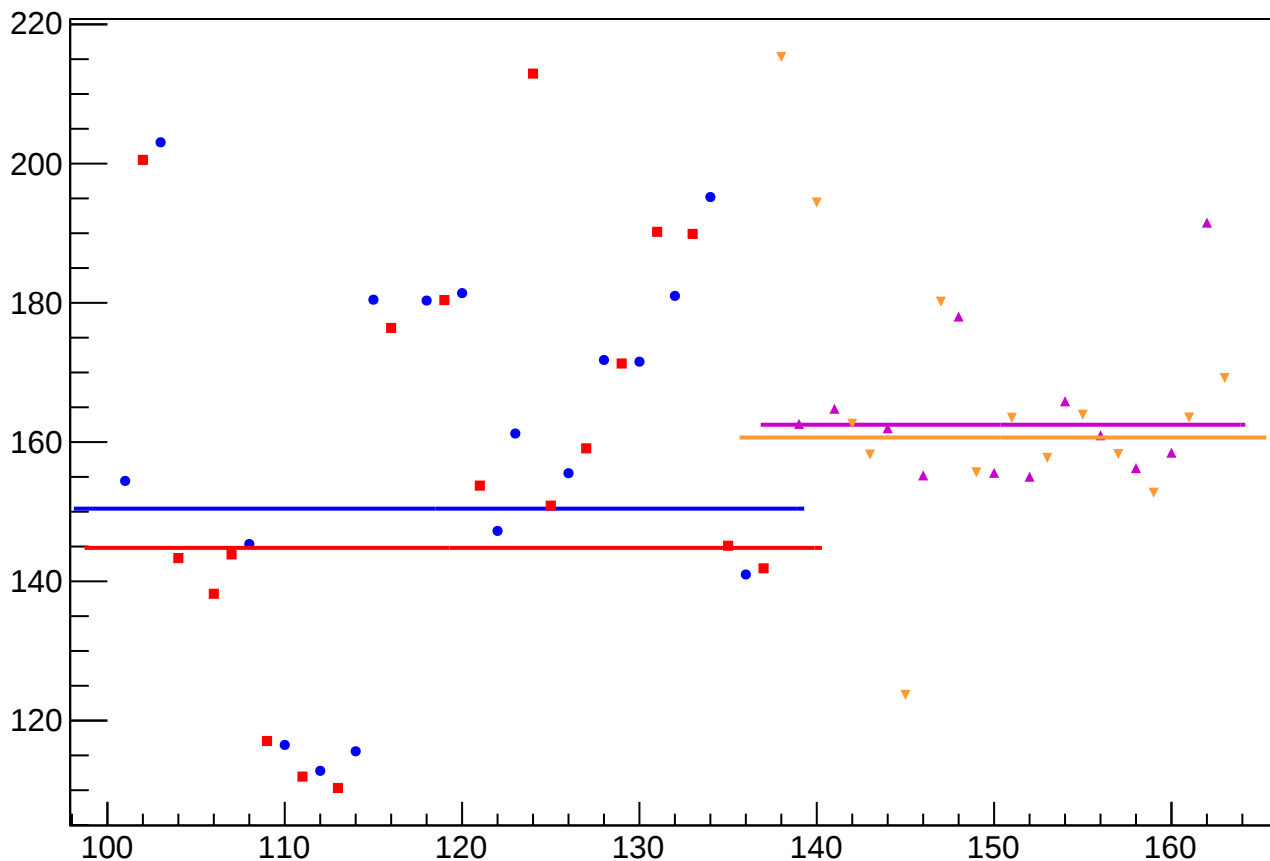
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 6.849 ± 39.171 χ^2/NDF : 24.9/28

Out: 40.235 ± 37.288 χ^2/NDF : 30.6/31

All: 24.364 ± 27.008 χ^2/NDF : 55.9/60

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: 160.661 $\pm$ 0.035 χ^2 /NDF:304888.4/13

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 162.496 $\pm$ 0.037 χ^2 /NDF:61292.3/11

Left: 161.534 $\pm$ 0.025 χ^2 /NDF: 367476.4/25

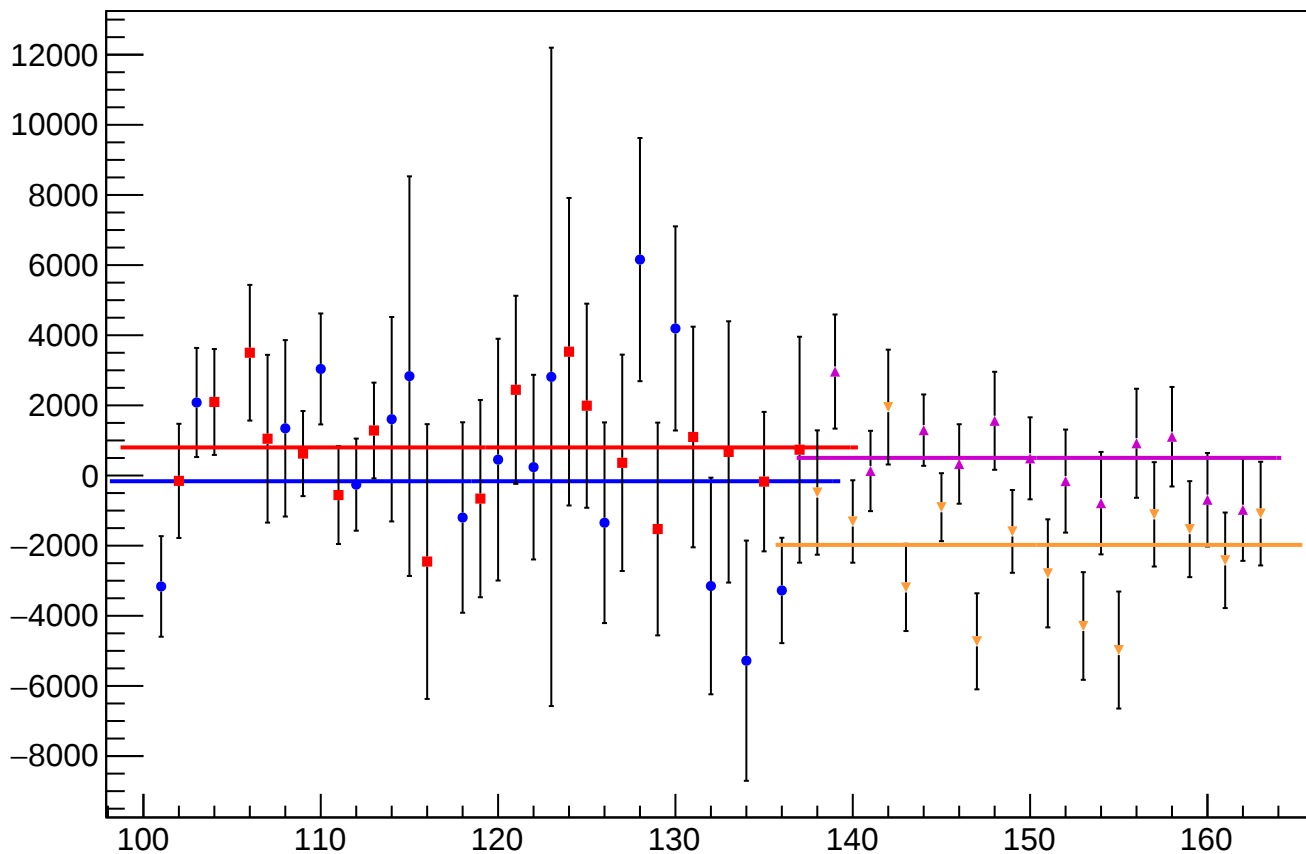
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 157.229 $\pm$ 0.028 χ^2 /NDF:508014.3/28

Out: 153.710 $\pm$ 0.026 χ^2 /NDF:897766.1/31

All: 155.383 $\pm$ 0.019 χ^2 /NDF: 1414247.3/60

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: -1978.391 $\pm$ 363.613 χ^2/NDF : 19.8/13

Right Out: 801.139 $\pm$ 486.610 χ^2/NDF : 6.9/17

Left In: 502.706 $\pm$ 377.853 χ^2/NDF : 6.7/11

Left: -785.473 $\pm$ 262.003 χ^2/NDF : 48.9/25

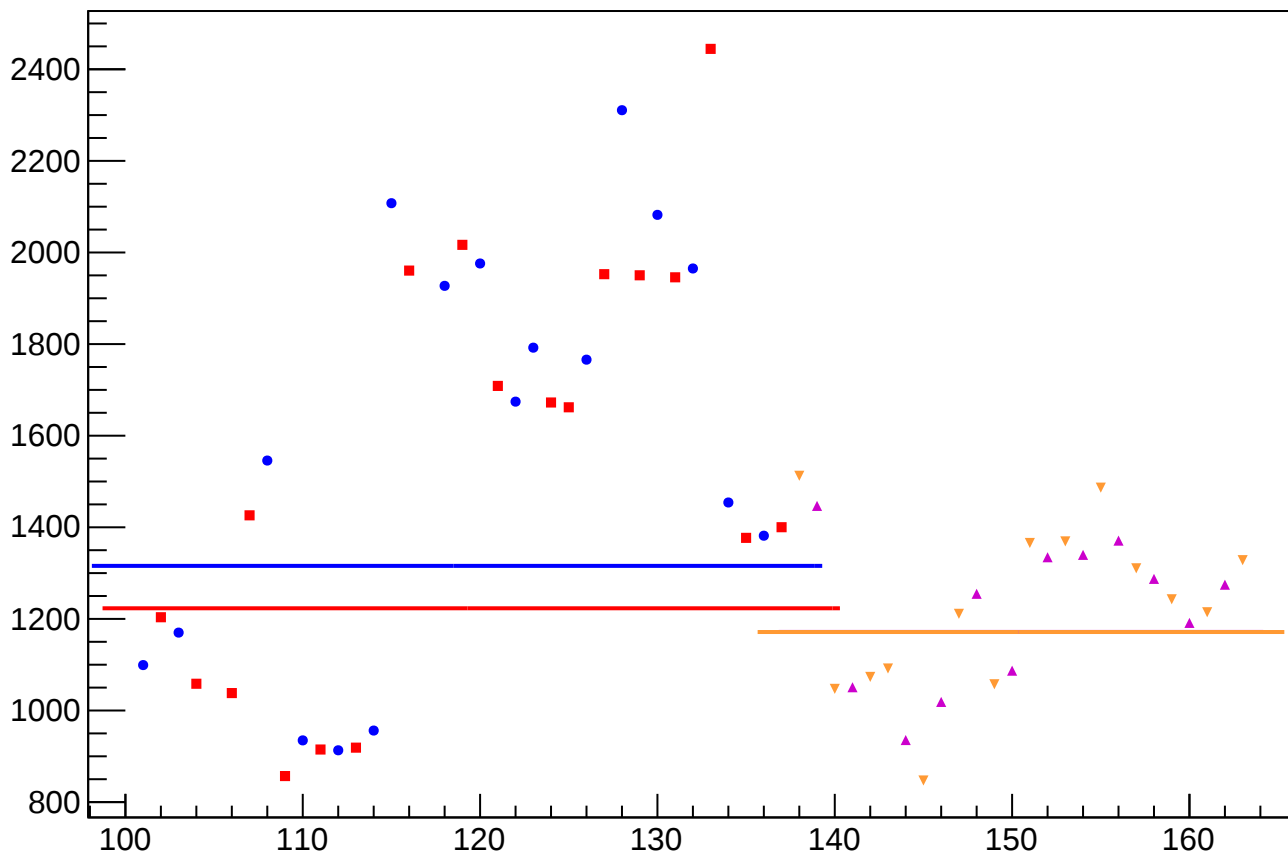
Right: 363.081 $\pm$ 359.419 χ^2/NDF : 33.7/34

In: 280.203 $\pm$ 308.284 χ^2/NDF : 32.8/28

Out: -982.481 $\pm$ 291.276 χ^2/NDF : 47.6/31

All: -386.928 $\pm$ 211.721 χ^2/NDF : 89.3/60

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1171.383+/-0.257 χ^2/NDF : 539645.7/13

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1171.555+/-0.267 χ^2/NDF : 348820.4/11

Left: 1171.465+/-0.185 χ^2/NDF : 888466.3/25

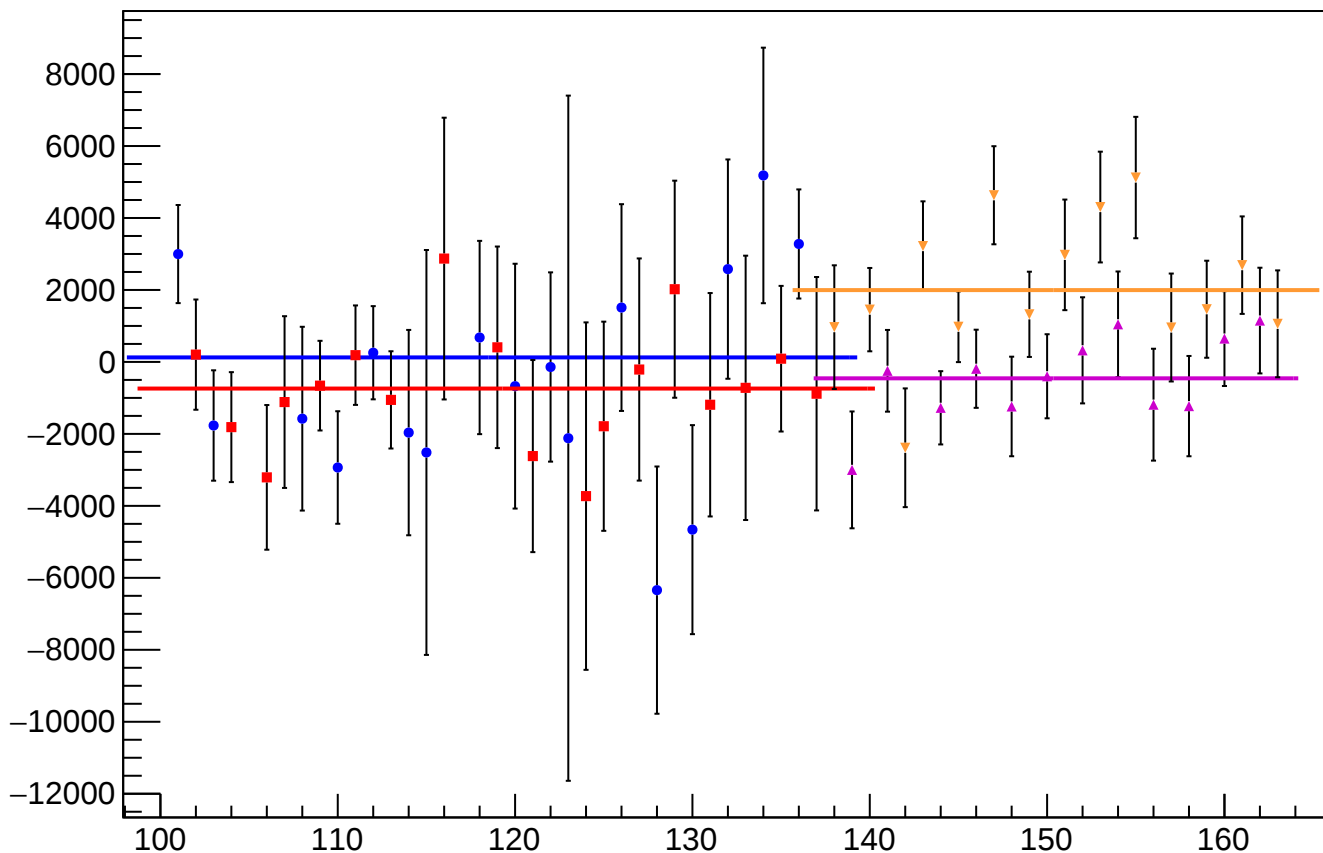
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1219.775+/-0.218 χ^2/NDF : 1564592.9/28

Out: 1189.941+/-0.206 χ^2/NDF : 1917241.5/31

All: 1204.013+/-0.150 χ^2/NDF : 3491730.7/60

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1995.924 $\pm$ 363.336 χ^2/NDF : 21.1/13

Right Out: -739.954 $\pm$ 486.808 χ^2/NDF : 6.0/17

Left In: -455.931 $\pm$ 374.882 χ^2/NDF : 7.3/11

Left: 808.337 $\pm$ 260.904 χ^2/NDF : 50.5/25

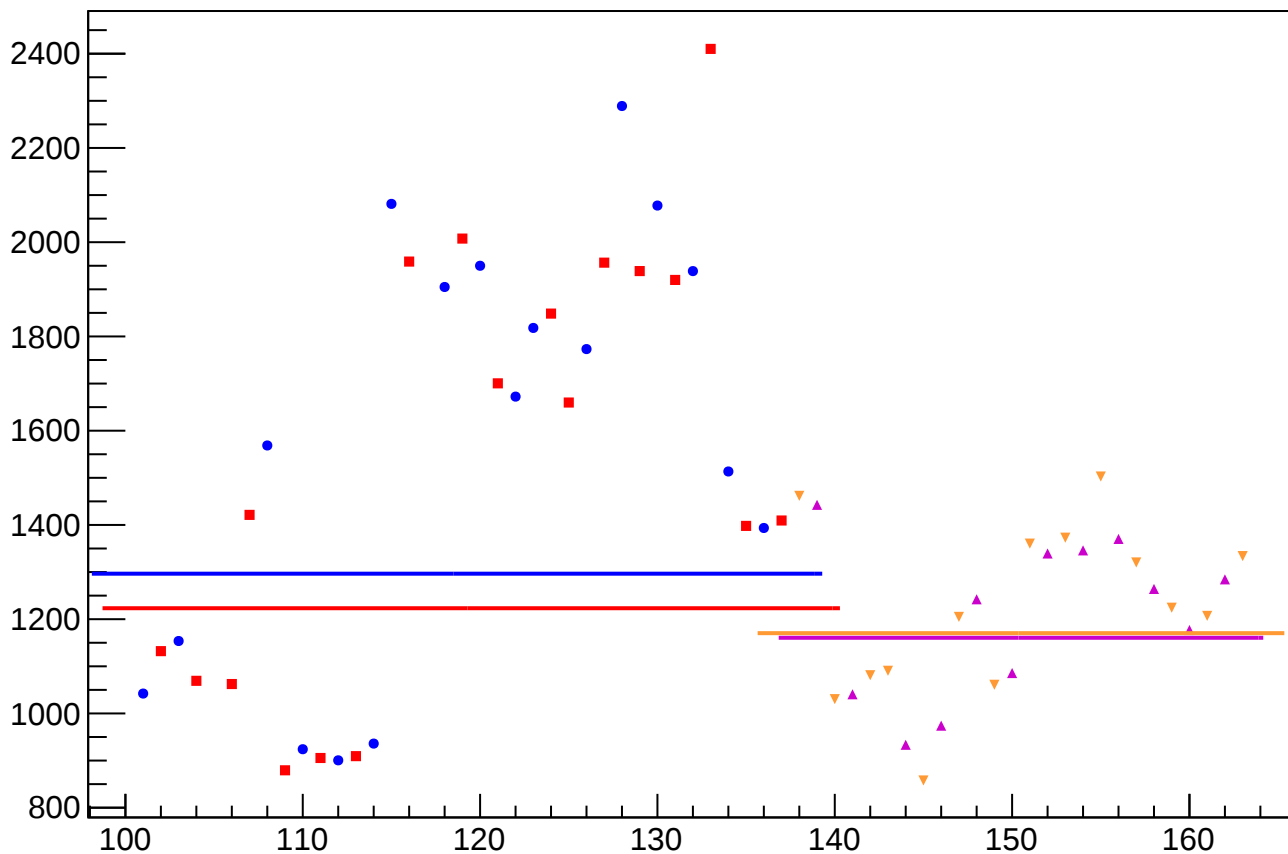
Right: -341.379 $\pm$ 357.529 χ^2/NDF : 32.1/34

In: -260.515 $\pm$ 305.439 χ^2/NDF : 32.7/28

Out: 1017.127 $\pm$ 291.176 χ^2/NDF : 47.4/31

All: 408.832 $\pm$ 210.754 χ^2/NDF : 89.3/60

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1170.357 $\pm$ 0.257 χ^2 /NDF: 513416.2/13

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1160.593 $\pm$ 0.265 χ^2 /NDF: 379806.6/11

Left: 1165.627 $\pm$ 0.184 χ^2 /NDF: 893922.5/25

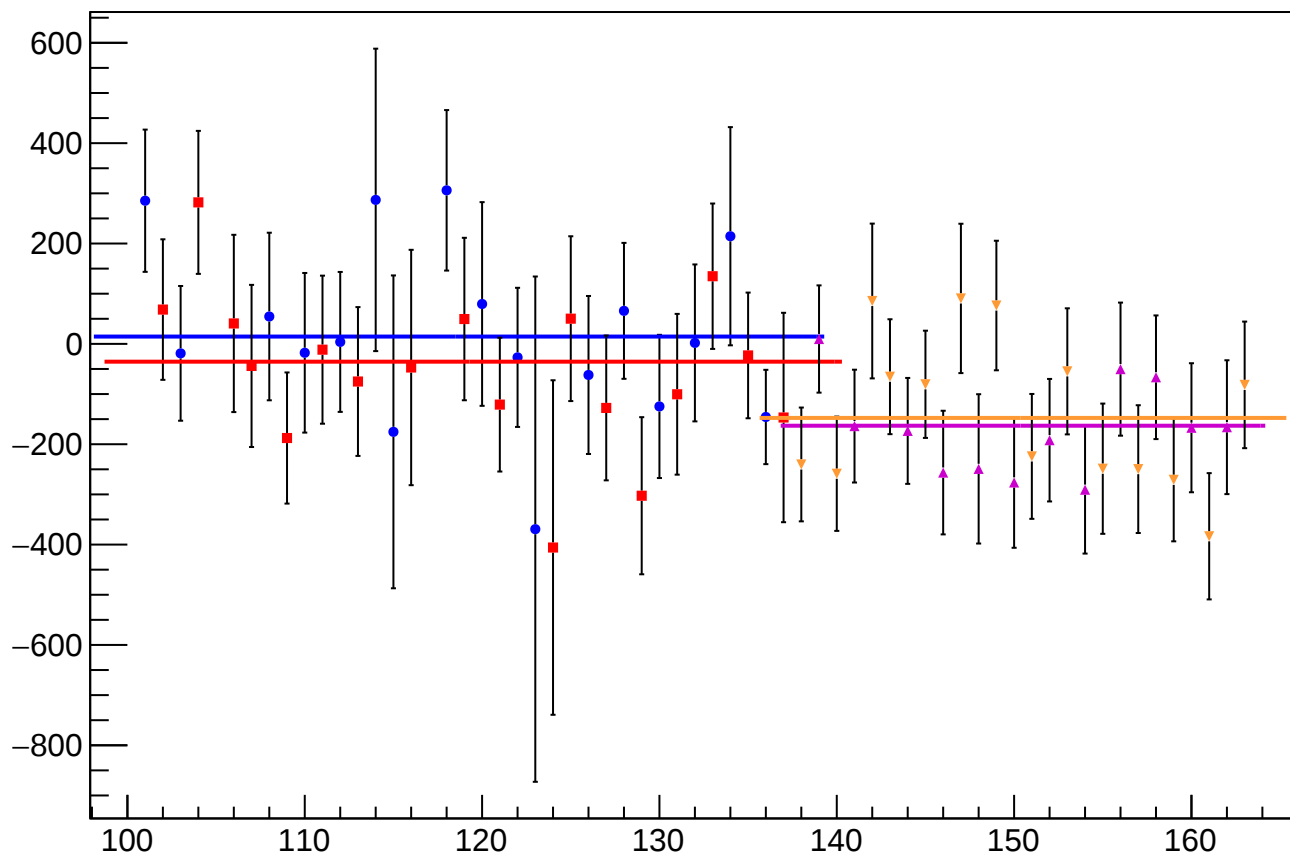
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1206.305 $\pm$ 0.216 χ^2 /NDF: 1643732.4/28

Out: 1189.289 $\pm$ 0.206 χ^2 /NDF: 1875283.3/31

All: 1197.390 $\pm$ 0.149 χ^2 /NDF: 3522267.6/60

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: -147.562 ± 33.198 $\chi^2/\text{NDF}: 17.4/13$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -163.110 ± 35.473 $\chi^2/\text{NDF}: 6.7/11$

Left: -154.822 ± 24.239 $\chi^2/\text{NDF}: 24.1/25$

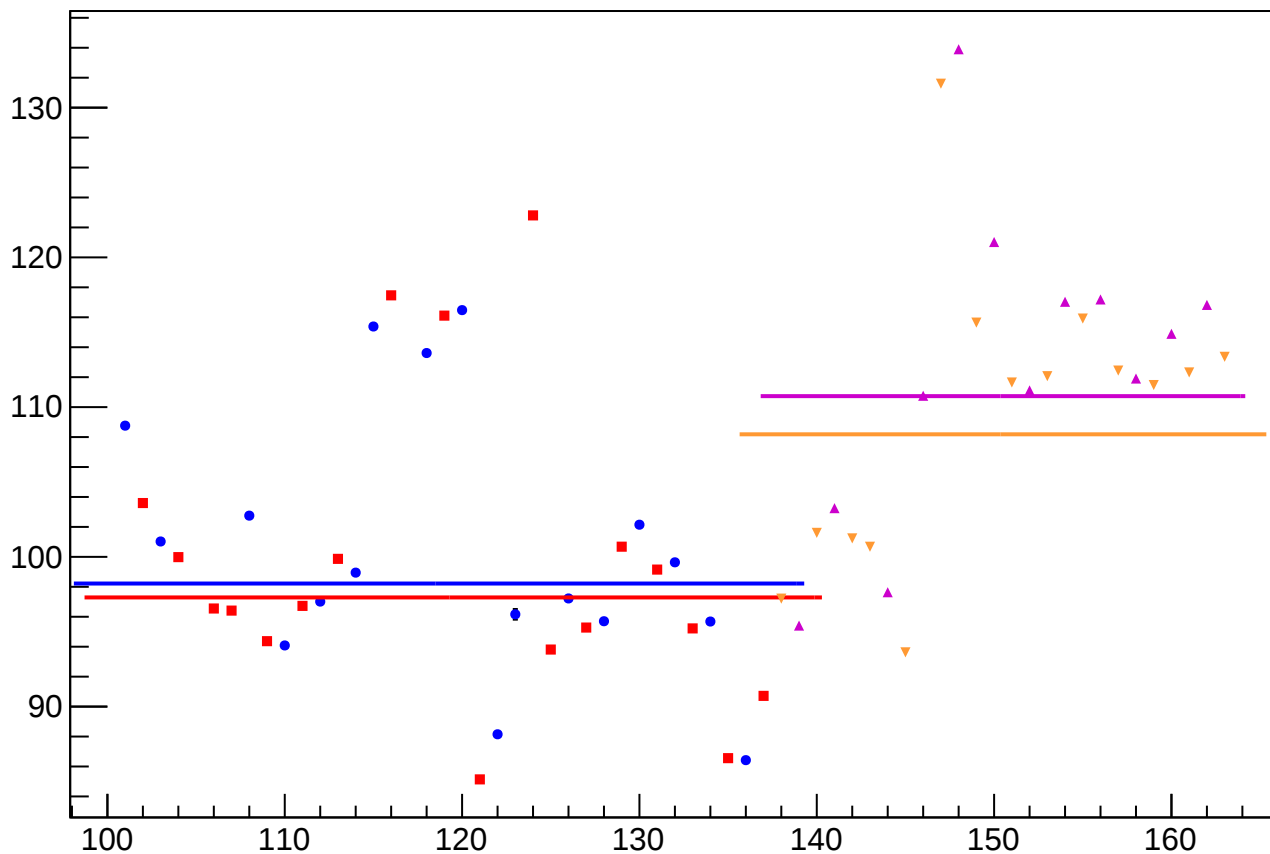
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -80.410 ± 25.936 $\chi^2/\text{NDF}: 32.6/28$

Out: -97.163 ± 24.628 $\chi^2/\text{NDF}: 37.0/31$

All: -89.219 ± 17.859 $\chi^2/\text{NDF}: 69.8/60$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 108.184+/-0.023 χ^2/NDF : 151145.1/13

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 110.734+/-0.025 χ^2/NDF : 157871.6/11

Left: 109.375+/-0.017 χ^2/NDF : 314523.7/25

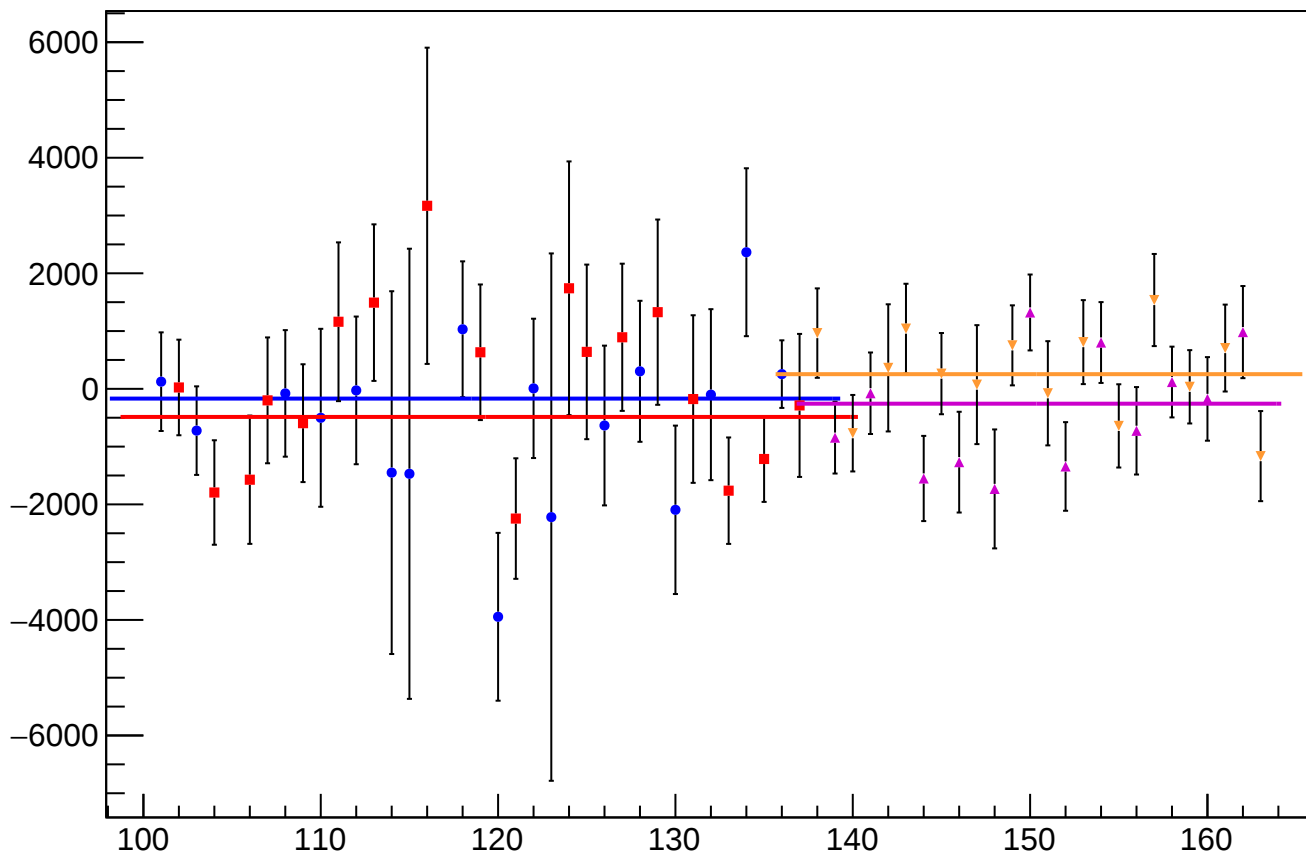
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 104.909+/-0.018 χ^2/NDF : 374242.0/28

Out: 103.286+/-0.017 χ^2/NDF : 344202.6/31

All: 104.056+/-0.013 χ^2/NDF : 722563.5/60

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 253.933 ± 204.119 χ^2/NDF : 13.5/13

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -257.097 ± 210.100 χ^2/NDF : 20.7/11

Left: 5.795 ± 146.403 χ^2/NDF : 37.2/25

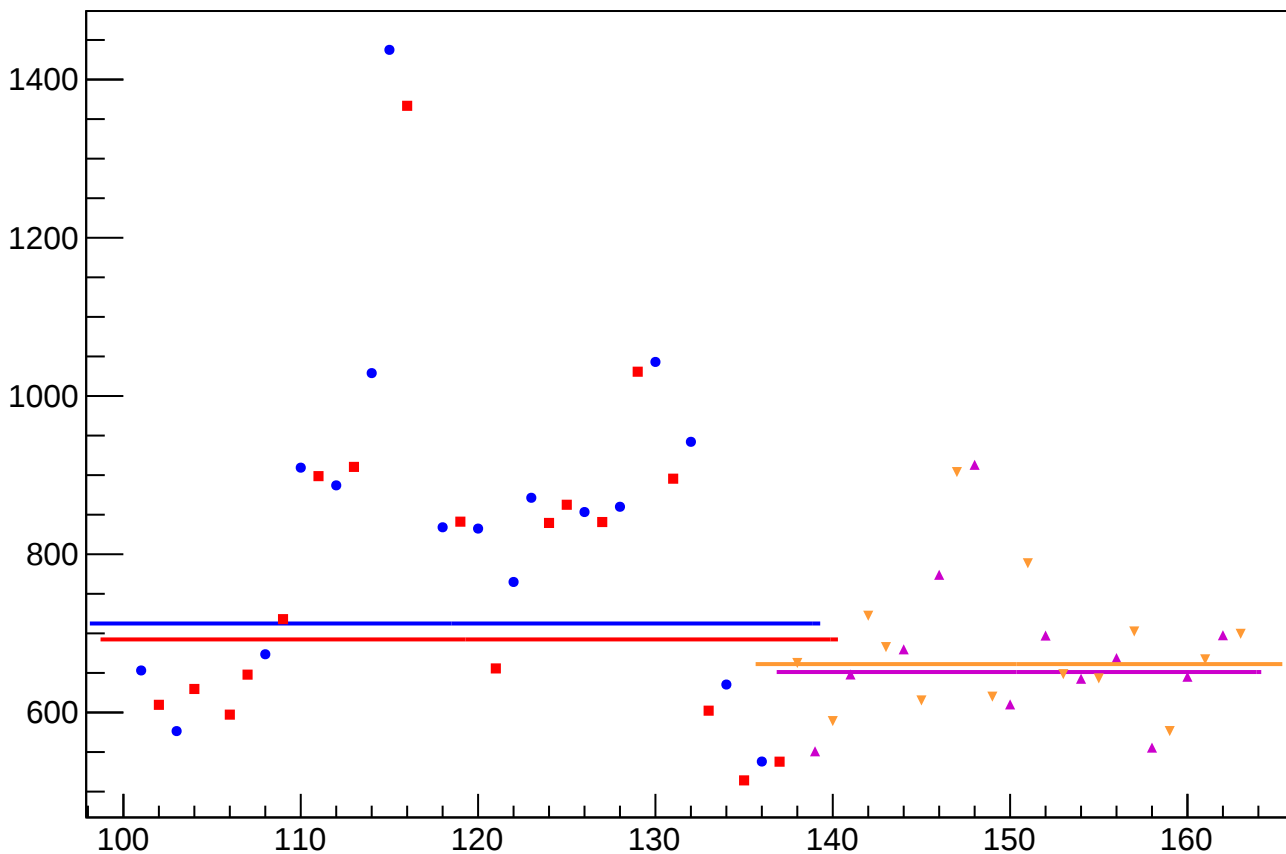
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -225.606 ± 168.518 χ^2/NDF : 35.4/28

Out: -17.818 ± 162.386 χ^2/NDF : 37.9/31

All: -117.862 ± 116.932 χ^2/NDF : 74.0/60

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 661.172+/-0.144 χ^2/NDF : 245770.8/13

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 651.138+/-0.149 χ^2/NDF : 296210.6/11

Left: 656.300+/-0.104 χ^2/NDF : 544327.8/25

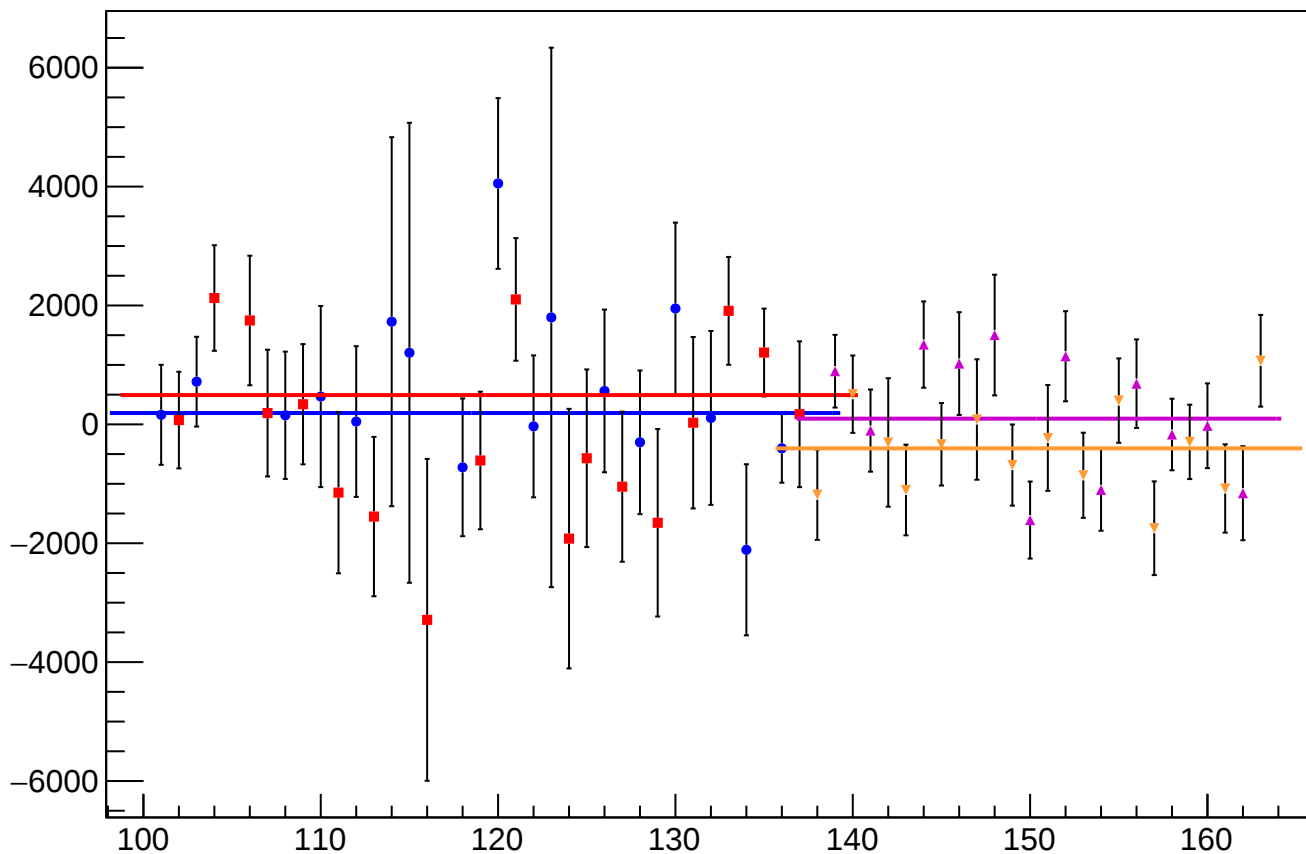
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 673.015+/-0.119 χ^2/NDF : 1017528.0/28

Out: 672.615+/-0.115 χ^2/NDF : 919845.5/31

All: 672.807+/-0.083 χ^2/NDF : 1937379.4/60

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -403.719 ± 201.136 $\chi^2/\text{NDF}: 13.4/13$

Right Out: 492.784 ± 264.629 $\chi^2/\text{NDF}: 22.8/17$

Left In: 95.858 ± 207.047 $\chi^2/\text{NDF}: 23.0/11$

Left: -161.163 ± 144.269 $\chi^2/\text{NDF}: 39.4/25$

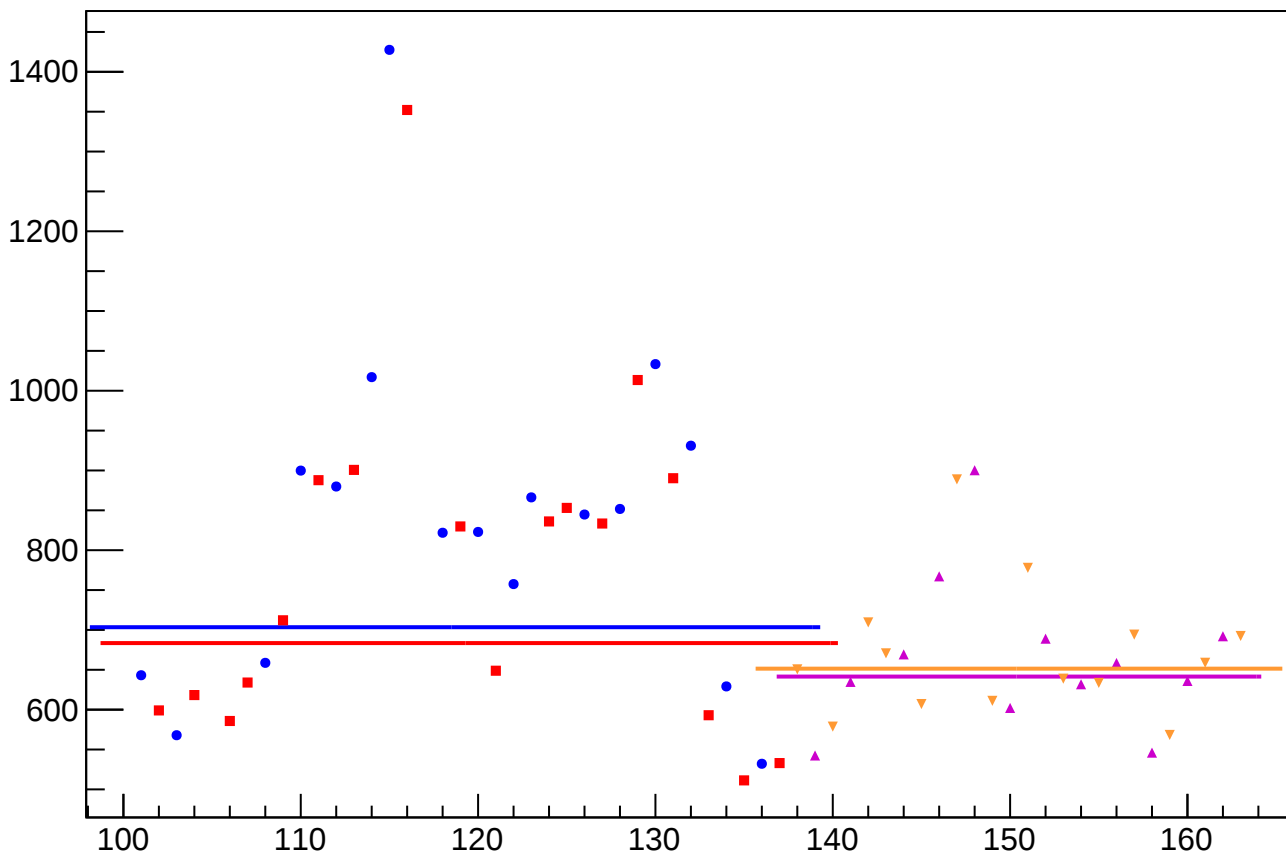
Right: 349.629 ± 191.893 $\chi^2/\text{NDF}: 37.6/34$

In: 129.655 ± 166.195 $\chi^2/\text{NDF}: 37.3/28$

Out: -75.450 ± 160.132 $\chi^2/\text{NDF}: 43.5/31$

All: 23.293 ± 115.314 $\chi^2/\text{NDF}: 81.6/60$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 651.417 $\pm$ 0.142 χ^2 /NDF:246317.9/13

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 641.490 $\pm$ 0.146 χ^2 /NDF:302921.7/11

Left: 646.597 $\pm$ 0.102 χ^2 /NDF: 551605.0/25

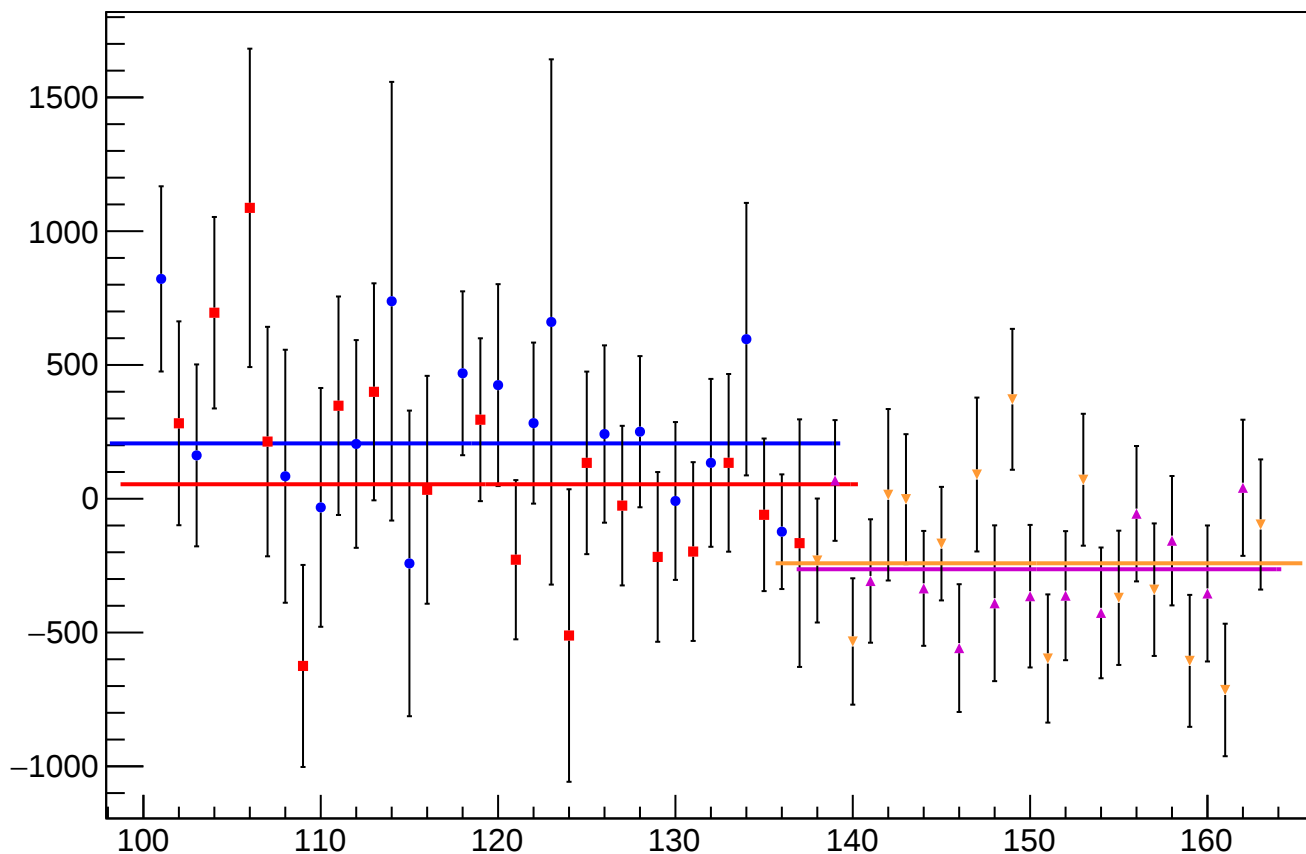
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 663.512 $\pm$ 0.118 χ^2 /NDF:1033422.8/28

Out: 663.162 $\pm$ 0.113 χ^2 /NDF:924298.4/31

All: 663.331 $\pm$ 0.082 χ^2 /NDF: 1957725.9/60

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: -241.162 $\pm$ 66.269 χ^2/NDF :20.4/13

Right Out: 54.185 $\pm$ 85.192 χ^2/NDF : 15.7/17

Left In: -263.483 $\pm$ 70.505 χ^2/NDF :7.2/11

Left: -251.632 $\pm$ 48.287 χ^2/NDF : 27.7/25

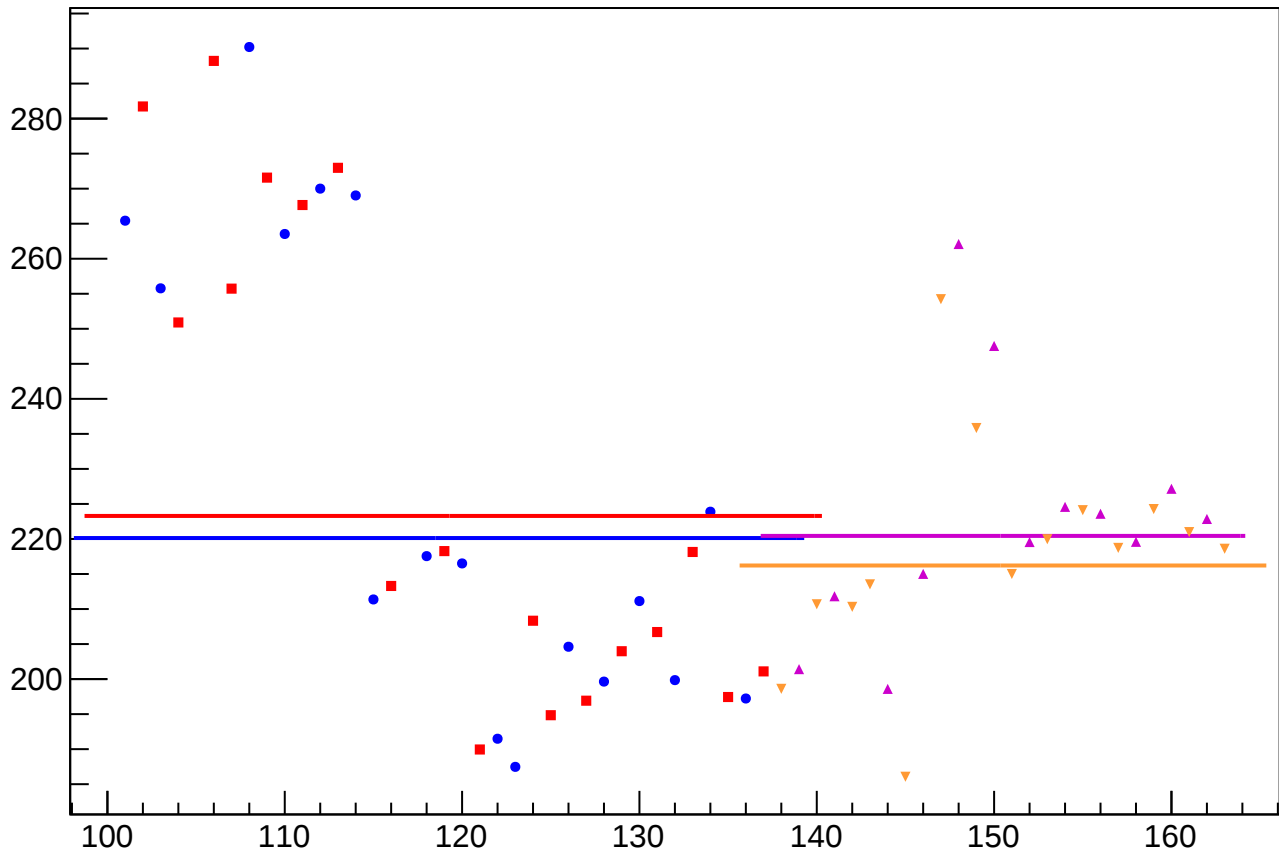
Right: 130.137 $\pm$ 60.395 χ^2/NDF : 26.8/34

In: -73.450 $\pm$ 54.430 χ^2/NDF :34.7/28

Out: -129.821 $\pm$ 52.307 χ^2/NDF :43.6/31

All: -102.756 $\pm$ 37.715 χ^2/NDF : 78.8/60

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 $\chi^2/\text{NDF}: 228444.0/16$

Left Out: 216.214 ± 0.047 $\chi^2/\text{NDF}: 105790.0/13$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 220.439 ± 0.050 $\chi^2/\text{NDF}: 102908.6/11$

Left: 218.196 ± 0.034 $\chi^2/\text{NDF}: 212511.4/25$

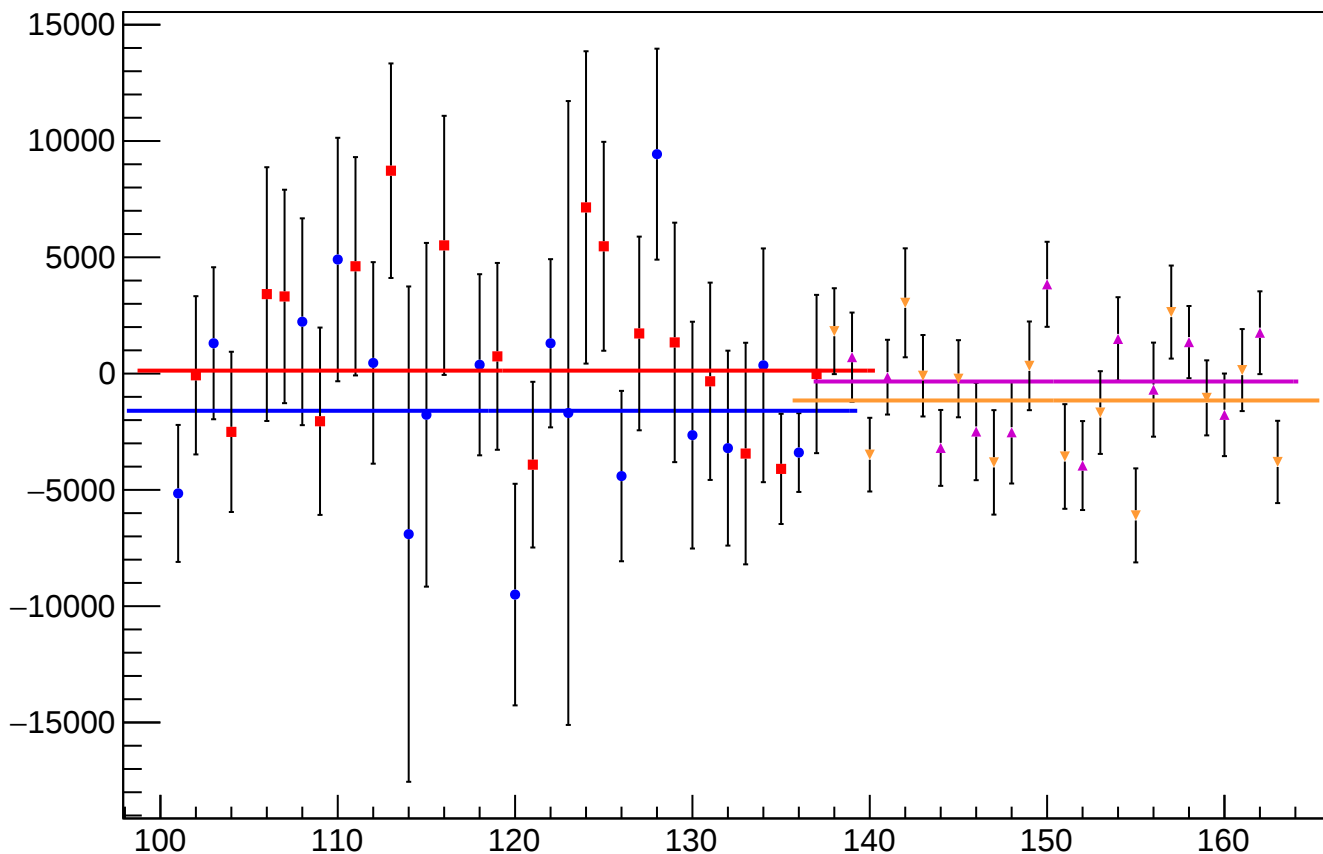
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 220.315 ± 0.038 $\chi^2/\text{NDF}: 331367.8/28$

Out: 218.880 ± 0.037 $\chi^2/\text{NDF}: 386635.6/31$

All: 219.569 ± 0.027 $\chi^2/\text{NDF}: 718725.6/60$

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: -1155.886 $\pm$ 495.646 χ^2 /NDF:24.3/13

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -340.294 $\pm$ 523.843 χ^2 /NDF:18.5/11

Left: -770.630 $\pm$ 360.031 χ^2 /NDF: 44.1/25

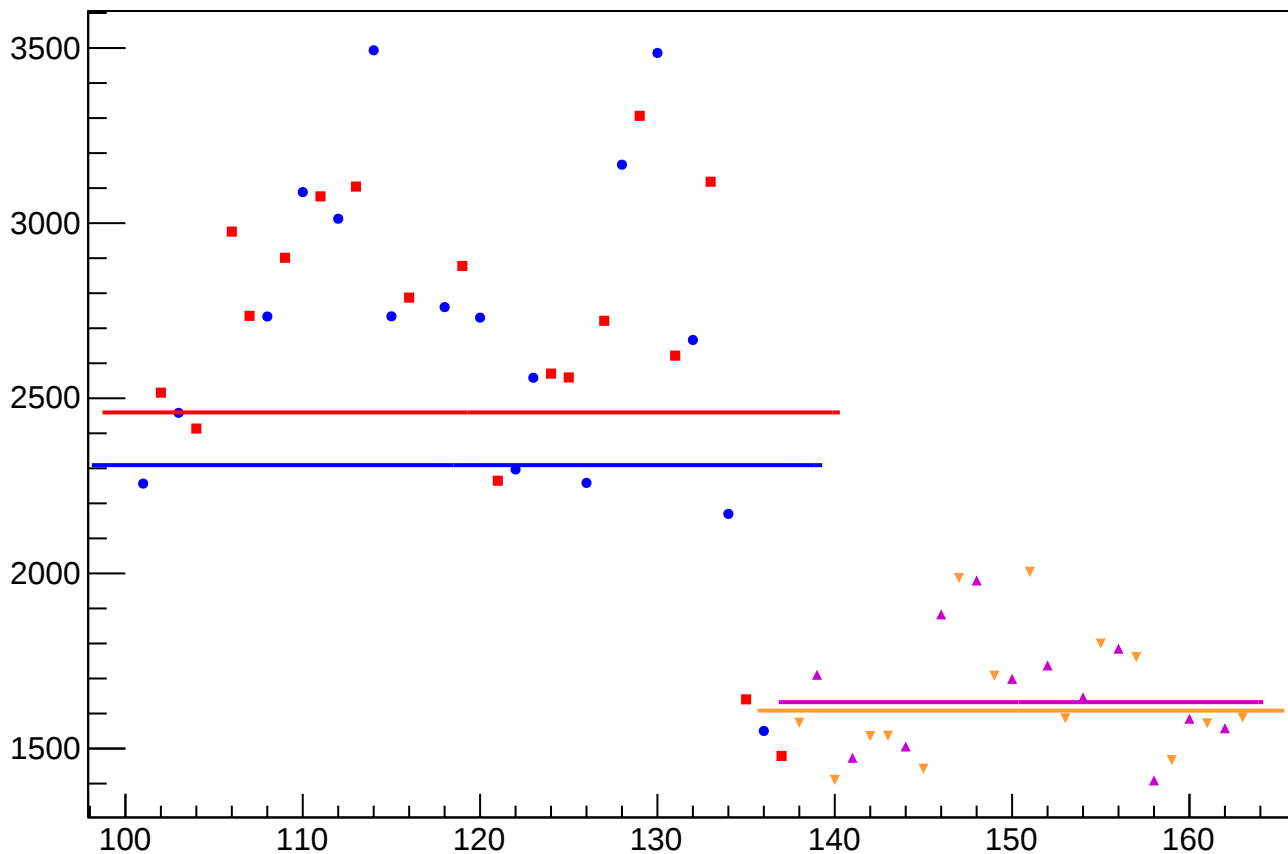
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -647.952 $\pm$ 455.348 χ^2 /NDF:36.5/28

Out: -880.821 $\pm$ 439.344 χ^2 /NDF:40.5/31

All: -768.550 $\pm$ 316.169 χ^2 /NDF: 77.2/60

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: 1608.337 $\pm$ 0.350 χ^2 /NDF:227794.2/13

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1632.510 $\pm$ 0.370 χ^2 /NDF:179822.4/11

Left: 1619.755 $\pm$ 0.255 χ^2 /NDF: 409863.8/25

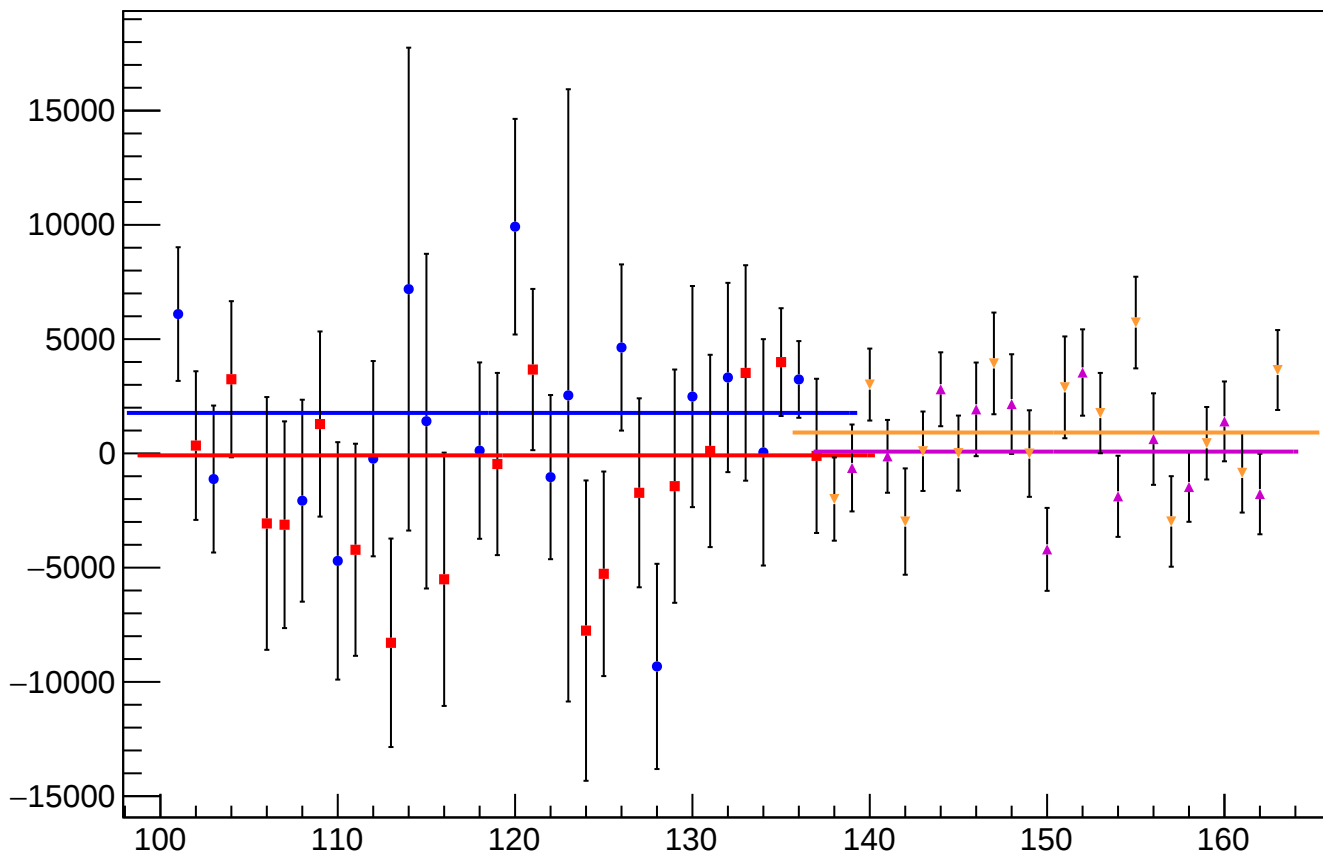
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1797.886 $\pm$ 0.322 χ^2 /NDF:1796092.5/28

Out: 1790.750 $\pm$ 0.311 χ^2 /NDF:2160150.1/31

All: 1794.191 $\pm$ 0.224 χ^2 /NDF: 3956497.0/60

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 913.253+/-490.564 χ^2/NDF : 23.9/13

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 77.282+/-517.635 χ^2/NDF : 17.6/11

Left: 517.698+/-356.067 χ^2/NDF : 43.0/25

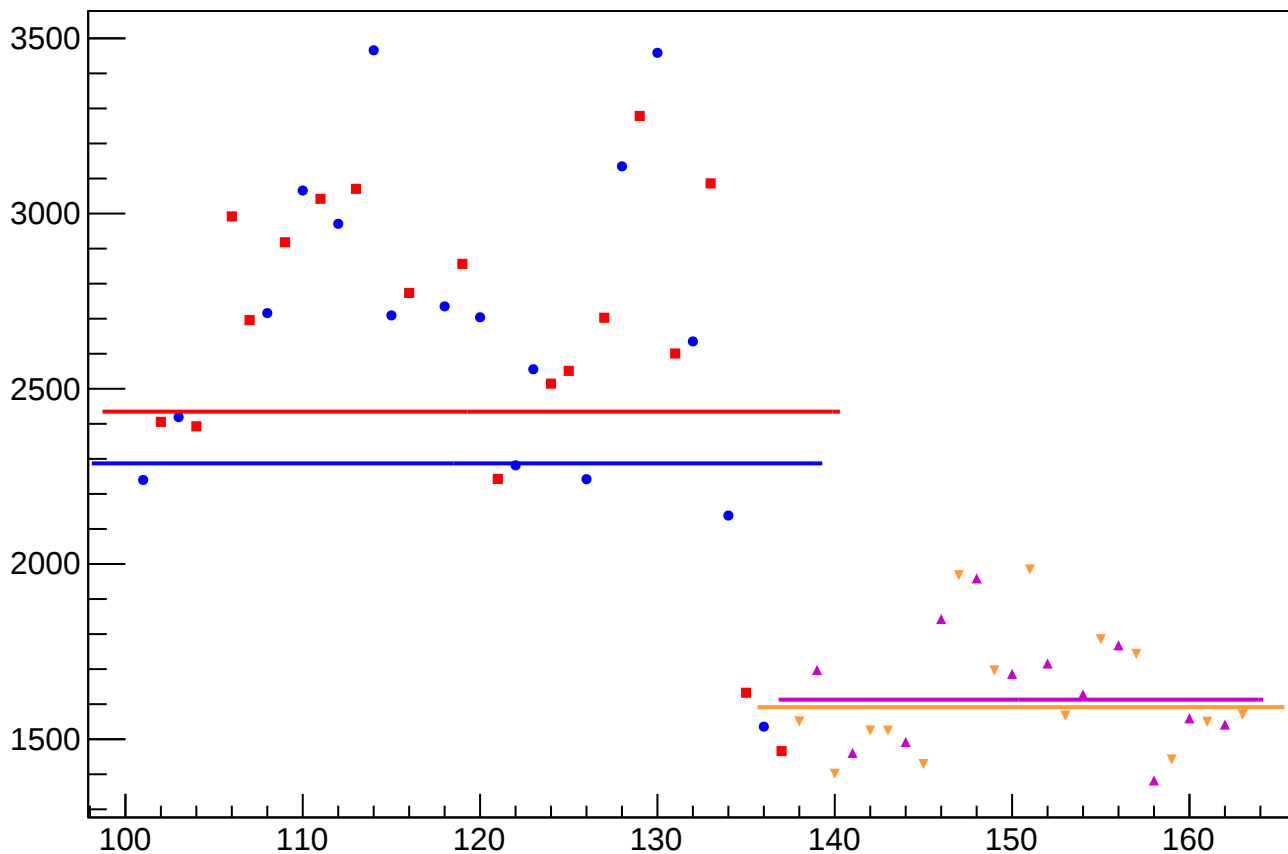
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 489.810+/-450.217 χ^2/NDF : 37.6/28

Out: 699.287+/-434.888 χ^2/NDF : 39.3/31

All: 598.175+/-312.791 χ^2/NDF : 77.0/60

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1591.503 $\pm$ 0.347 χ^2/NDF : 229917.4/13

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1612.939 $\pm$ 0.366 χ^2/NDF : 181148.3/11

Left: 1601.646 $\pm$ 0.252 χ^2/NDF : 412872.6/25

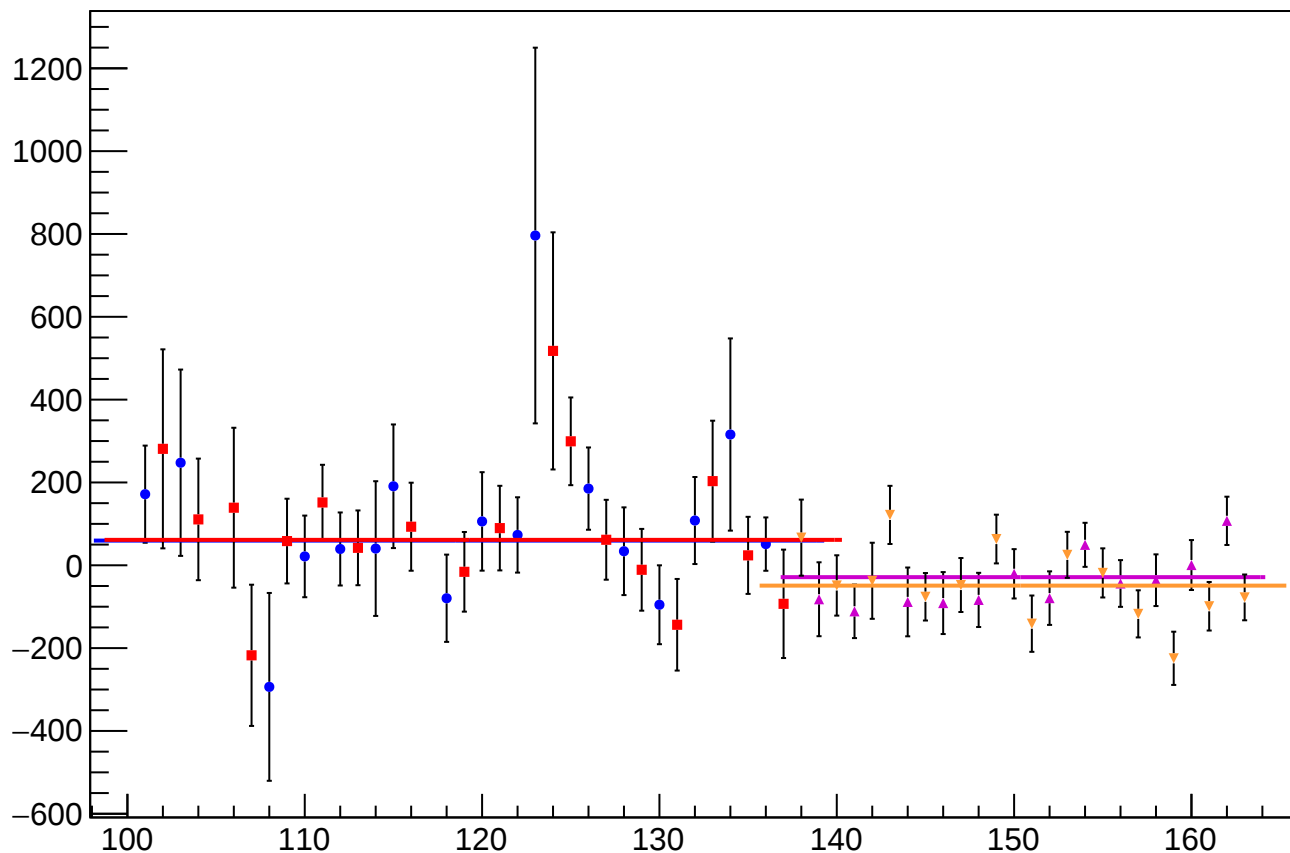
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1777.113 $\pm$ 0.318 χ^2/NDF : 1806686.8/28

Out: 1772.058 $\pm$ 0.308 χ^2/NDF : 2162230.8/31

All: 1774.498 $\pm$ 0.221 χ^2/NDF : 3969048.0/60

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -49.097 $\pm$ 17.023 χ^2 /NDF:25.2/13

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -28.653 $\pm$ 18.452 χ^2 /NDF:12.5/11

Left: -39.698 $\pm$ 12.512 χ^2 /NDF: 38.3/25

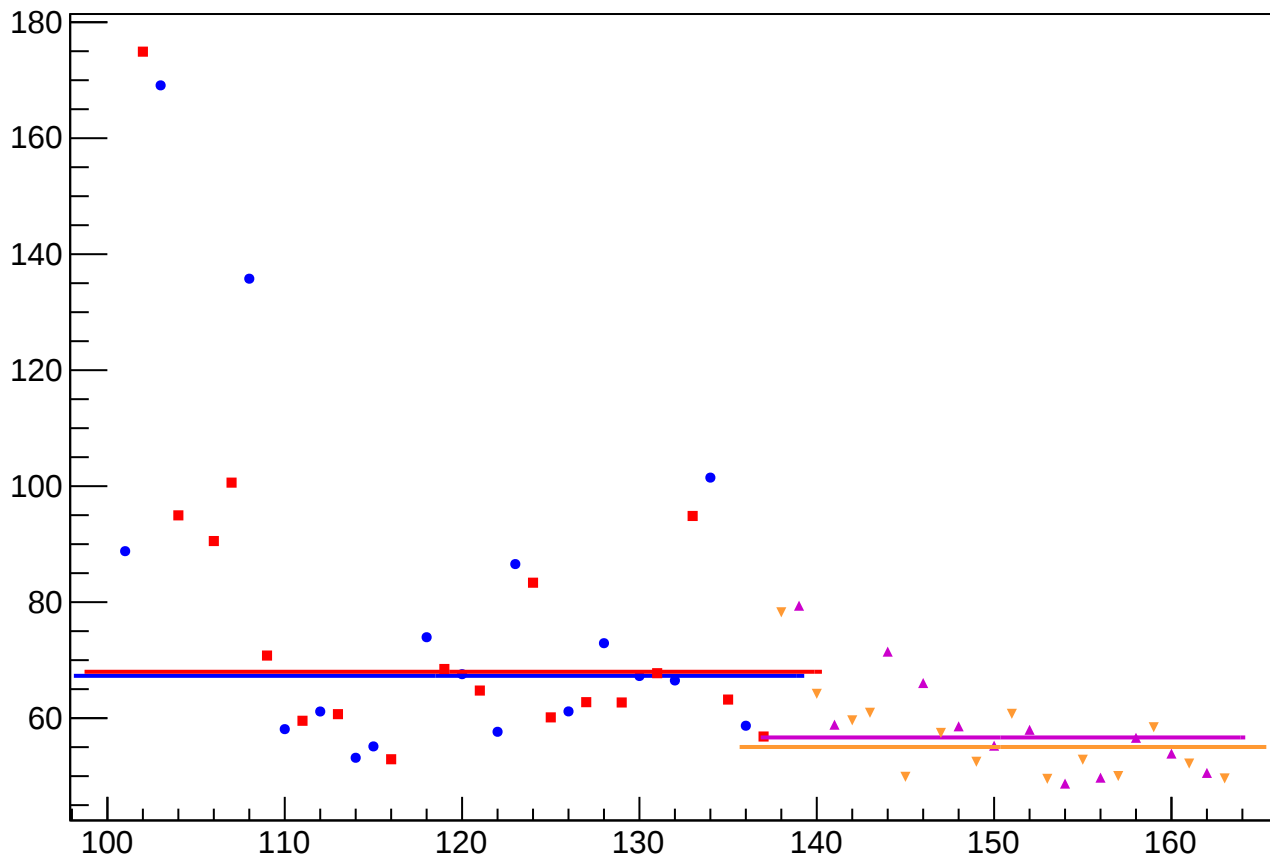
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -0.651 $\pm$ 15.249 χ^2 /NDF:35.1/28

Out: -17.686 $\pm$ 14.401 χ^2 /NDF:56.8/31

All: -9.655 $\pm$ 10.470 χ^2 /NDF: 92.6/60

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: 55.026 $\pm$ 0.012 χ^2/NDF : 282879.5/13

Right Out: 67.998 $\pm$ 0.019 χ^2/NDF : 754329.7/17

Left In: 56.672 $\pm$ 0.013 χ^2/NDF : 331803.8/11

Left: 55.783 $\pm$ 0.009 χ^2/NDF : 623274.9/25

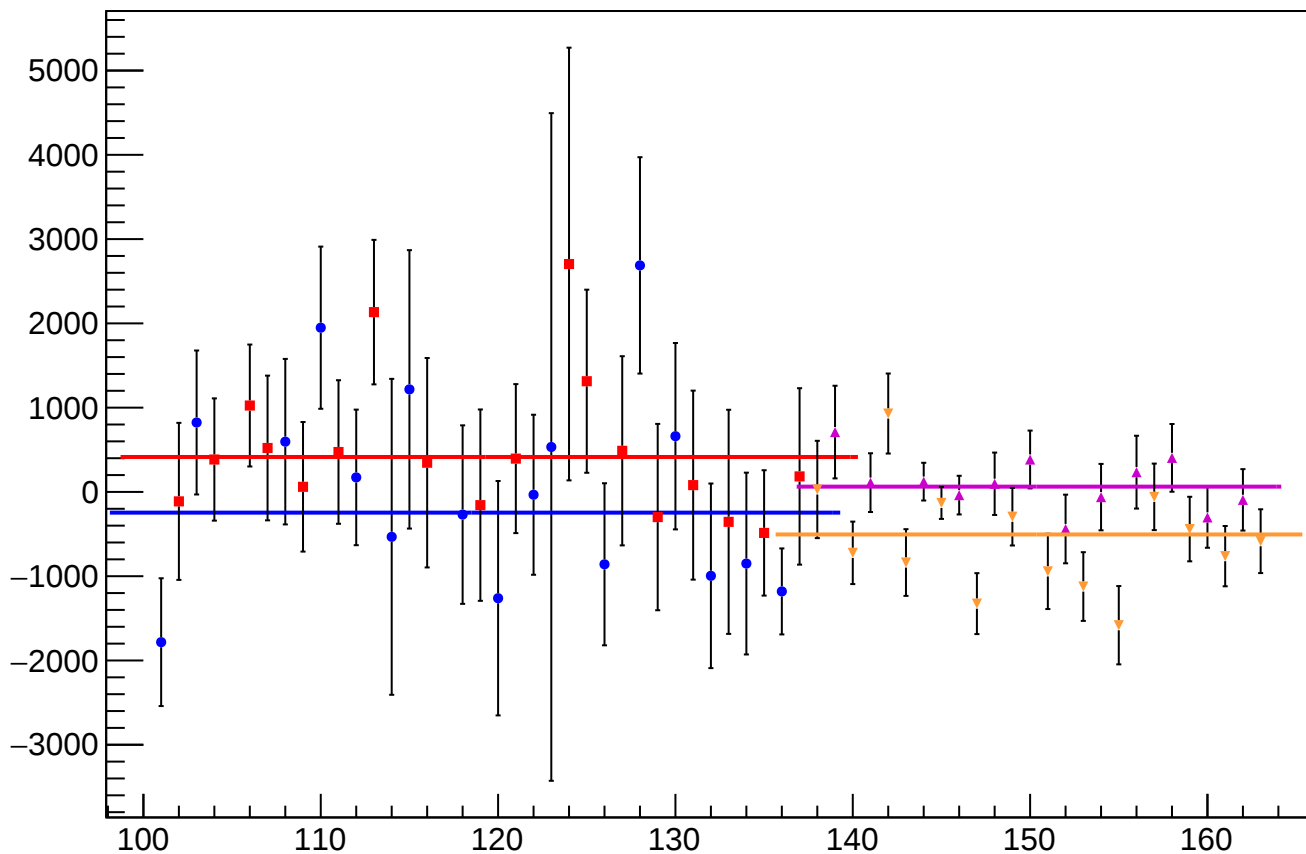
Right: 67.648 $\pm$ 0.014 χ^2/NDF : 1596354.2/34

In: 60.041 $\pm$ 0.011 χ^2/NDF : 1383429.9/28

Out: 58.714 $\pm$ 0.010 χ^2/NDF : 1367364.8/31

All: 59.339 $\pm$ 0.007 χ^2/NDF : 2758800.8/60

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -504.577 $\pm$ 95.871 χ^2 /NDF:31.0/13

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 62.797 $\pm$ 97.331 χ^2 /NDF:6.3/11

Left: -225.176 $\pm$ 68.301 χ^2 /NDF: 54.5/25

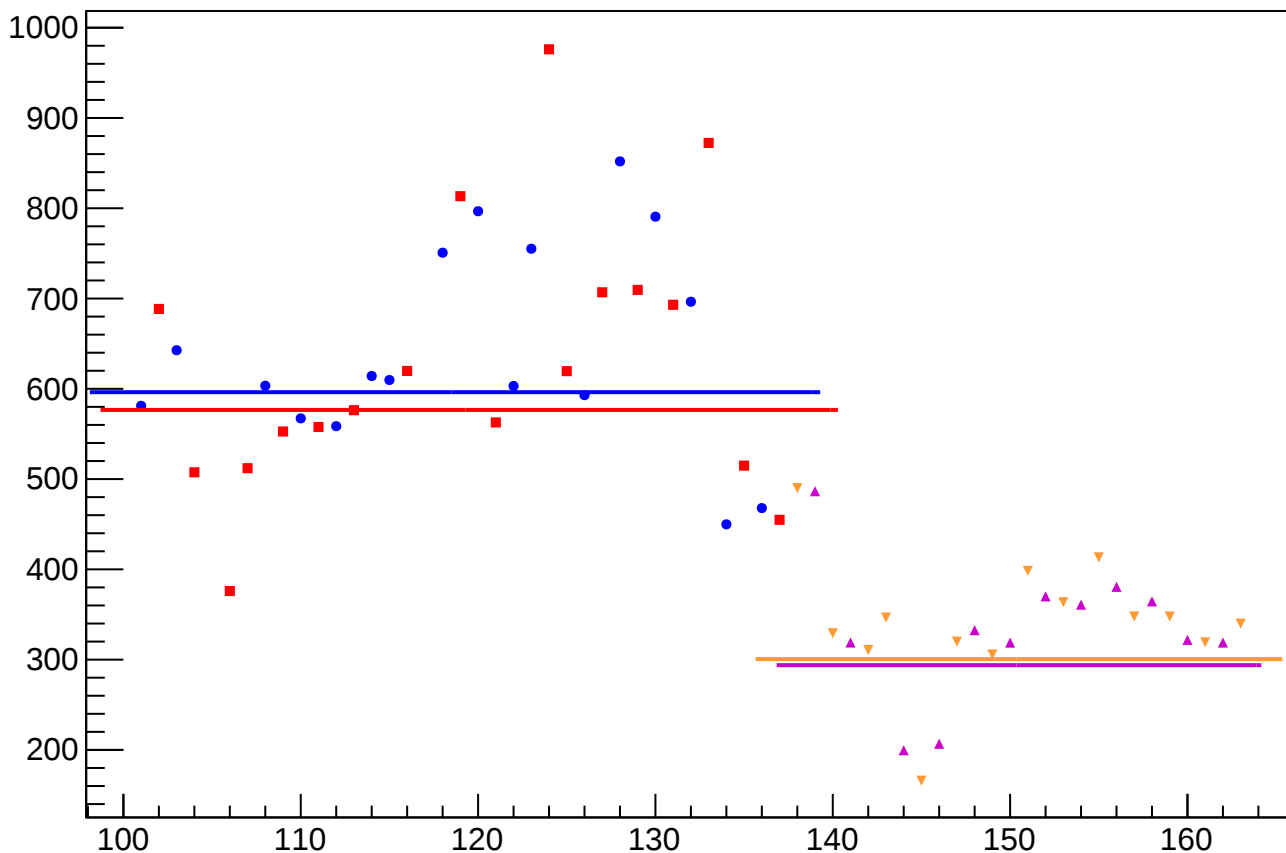
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 17.769 $\pm$ 89.946 χ^2 /NDF:31.5/28

Out: -360.941 $\pm$ 88.063 χ^2 /NDF:54.7/31

All: -175.590 $\pm$ 62.925 χ^2 /NDF: 95.3/60

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 ± 0.166 χ^2/NDF : 422153.3/16

Left Out: 300.594 ± 0.068 χ^2/NDF : 1615495.6/13

Right Out: 576.614 ± 0.158 χ^2/NDF : 573658.2/17

Left In: 293.904 ± 0.069 χ^2/NDF : 1223429.5/11

Left: 297.300 ± 0.048 χ^2/NDF : 2843721.1/25

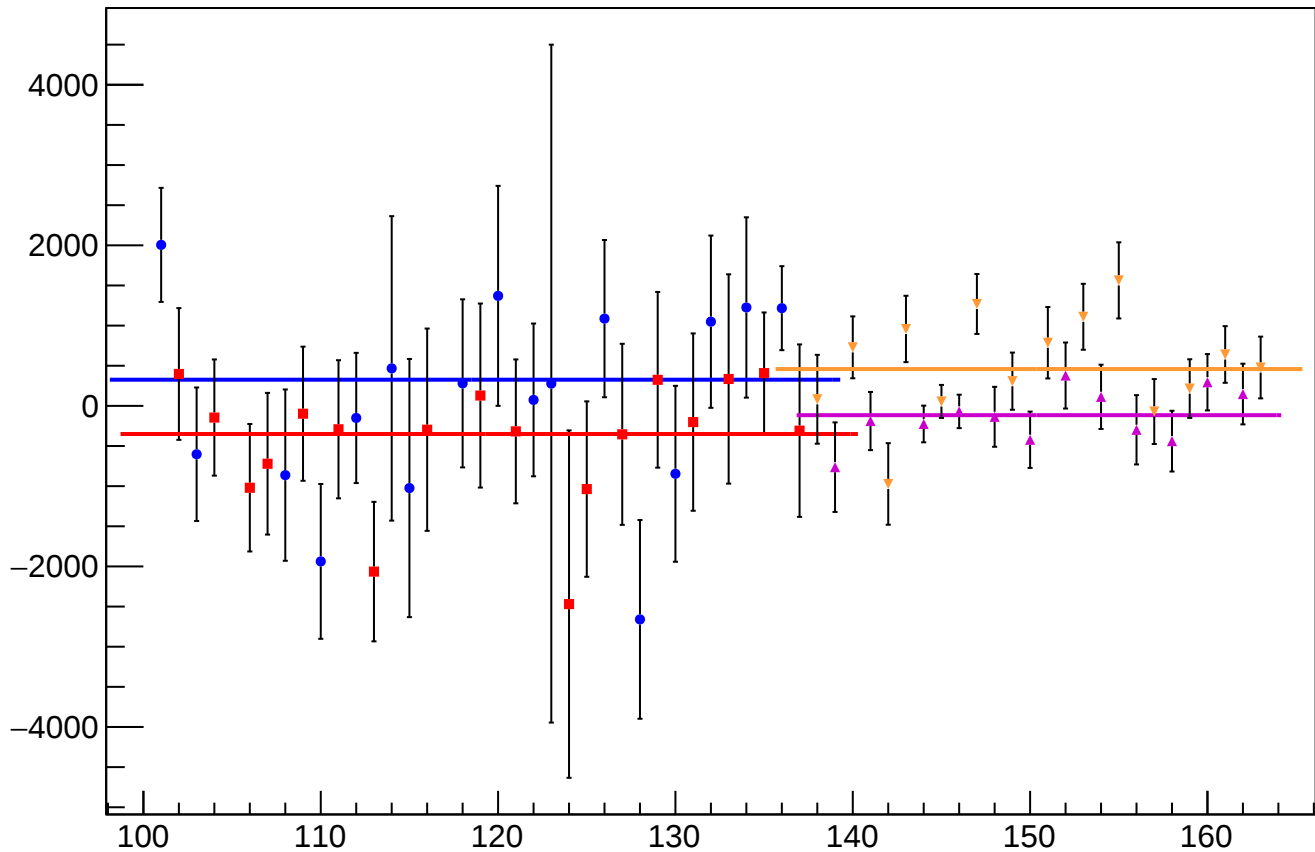
Right: 585.890 ± 0.114 χ^2/NDF : 1003148.8/34

In: 338.044 ± 0.064 χ^2/NDF : 4463050.6/28

Out: 343.721 ± 0.062 χ^2/NDF : 4779413.3/31

All: 340.943 ± 0.044 χ^2/NDF : 9246531.8/60

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 458.935 ± 98.896 χ^2/NDF : 30.0/13

Right Out: -350.392 ± 225.254 χ^2/NDF : 9.0/17

Left In: -115.828 ± 96.232 χ^2/NDF : 7.0/11

Left: 163.706 ± 68.969 χ^2/NDF : 54.3/25

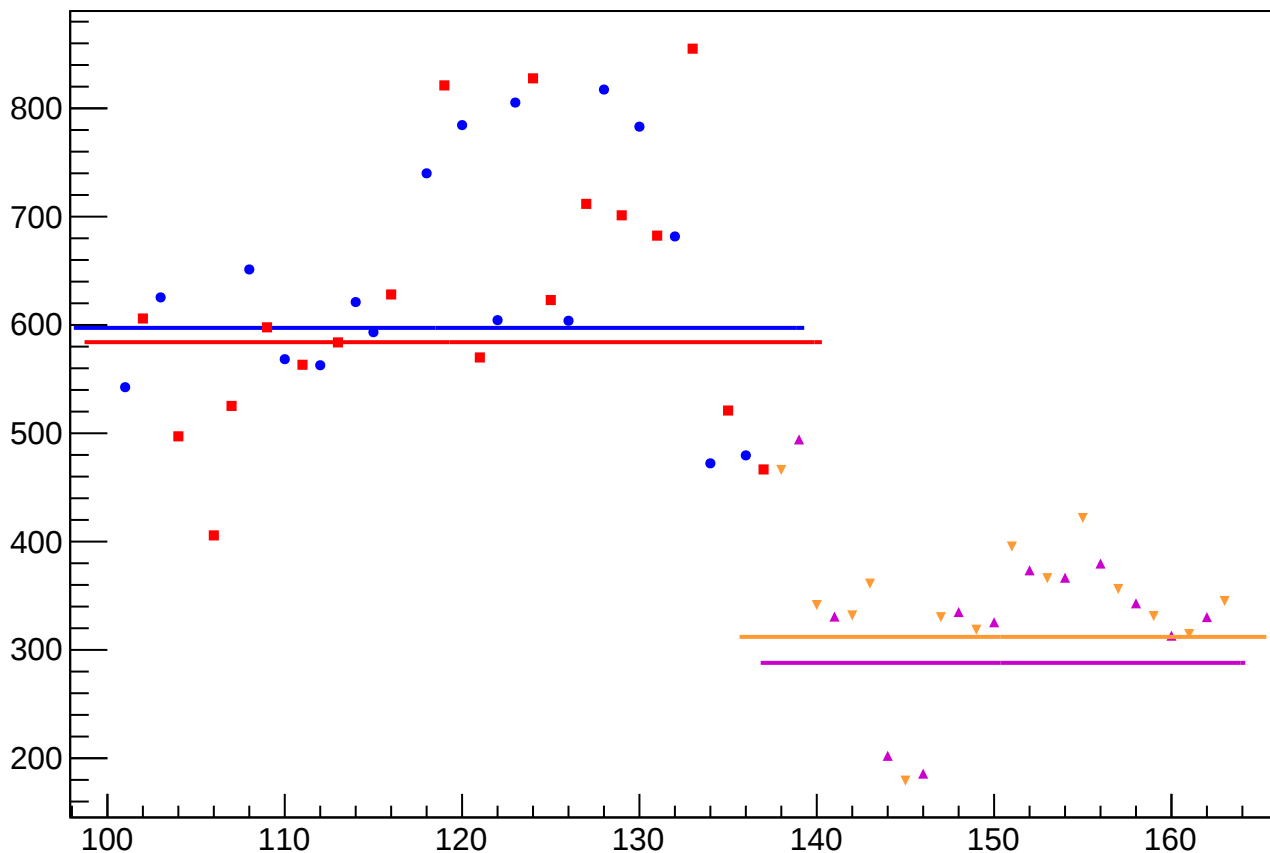
Right: -27.335 ± 162.813 χ^2/NDF : 40.2/34

In: -52.644 ± 89.087 χ^2/NDF : 36.8/28

Out: 328.142 ± 90.553 χ^2/NDF : 49.8/31

All: 134.641 ± 63.506 χ^2/NDF : 95.6/60

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 312.025 $\pm$ 0.070 χ^2 /NDF: 1292803.6/13

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 288.041 $\pm$ 0.068 χ^2 /NDF: 1451561.0/11

Left: 299.706 $\pm$ 0.049 χ^2 /NDF: 2804787.7/25

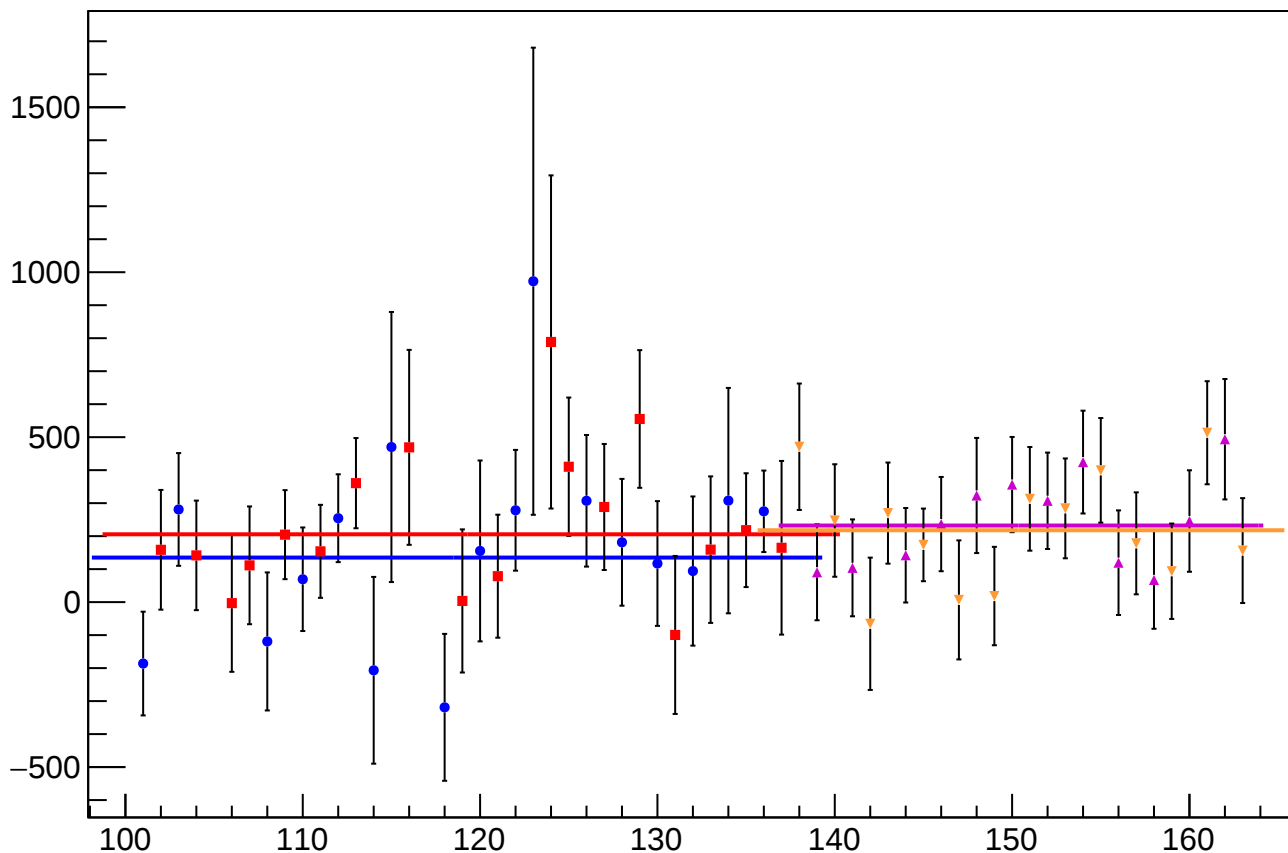
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 332.259 $\pm$ 0.063 χ^2 /NDF: 4768549.7/28

Out: 355.997 $\pm$ 0.064 χ^2 /NDF: 4186189.7/31

All: 343.934 $\pm$ 0.045 χ^2 /NDF: 9024580.9/60

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 217.846 $\pm$ 41.468 χ^2 /NDF:13.6/13

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 232.169 $\pm$ 43.940 χ^2 /NDF:8.7/11

Left: 224.593 $\pm$ 30.158 χ^2 /NDF: 22.4/25

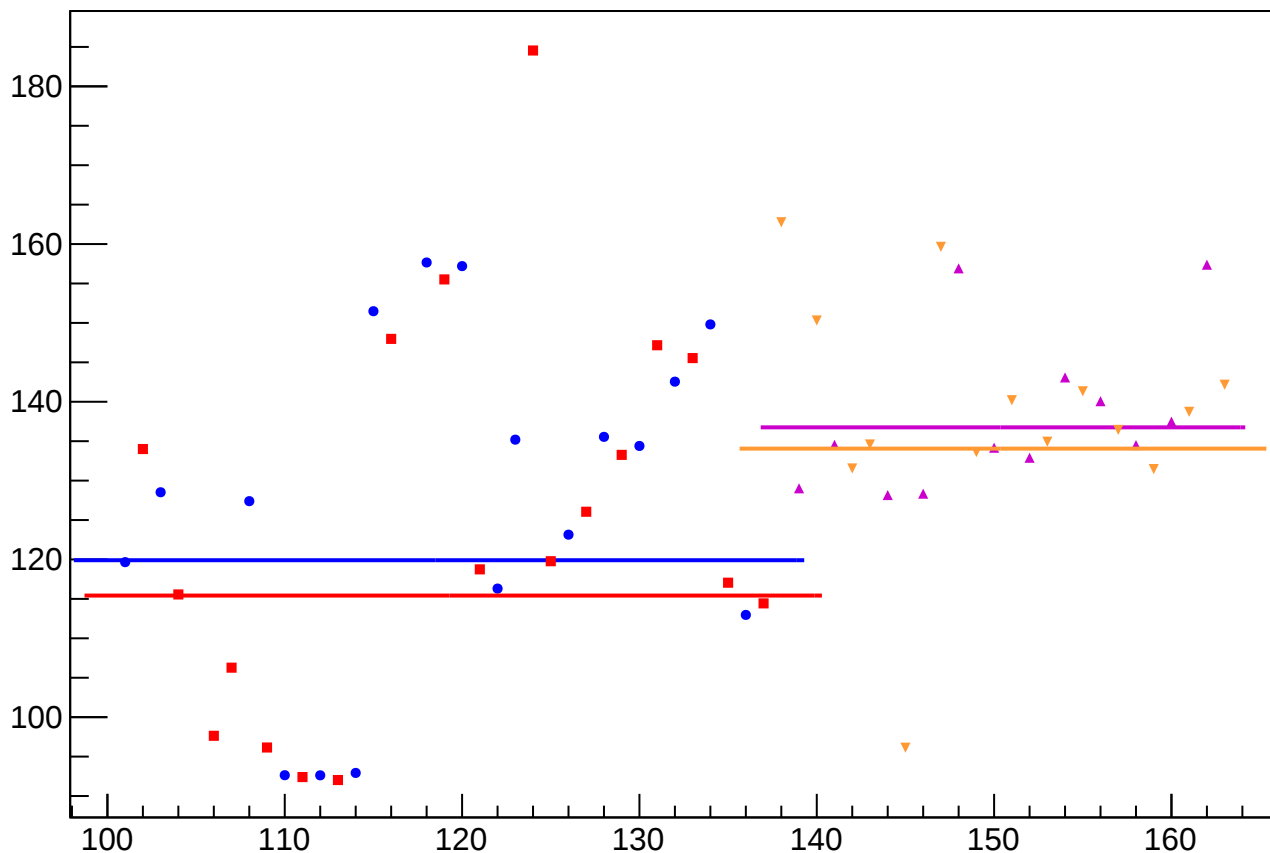
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 186.889 $\pm$ 32.105 χ^2 /NDF:29.0/28

Out: 212.154 $\pm$ 30.349 χ^2 /NDF:25.7/31

All: 200.232 $\pm$ 22.055 χ^2 /NDF: 55.0/60

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 134.058 $\pm$ 0.029 χ^2/NDF :356599.9/13

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 136.755 $\pm$ 0.031 χ^2/NDF :79183.9/11

Left: 135.328 $\pm$ 0.021 χ^2/NDF : 439770.1/25

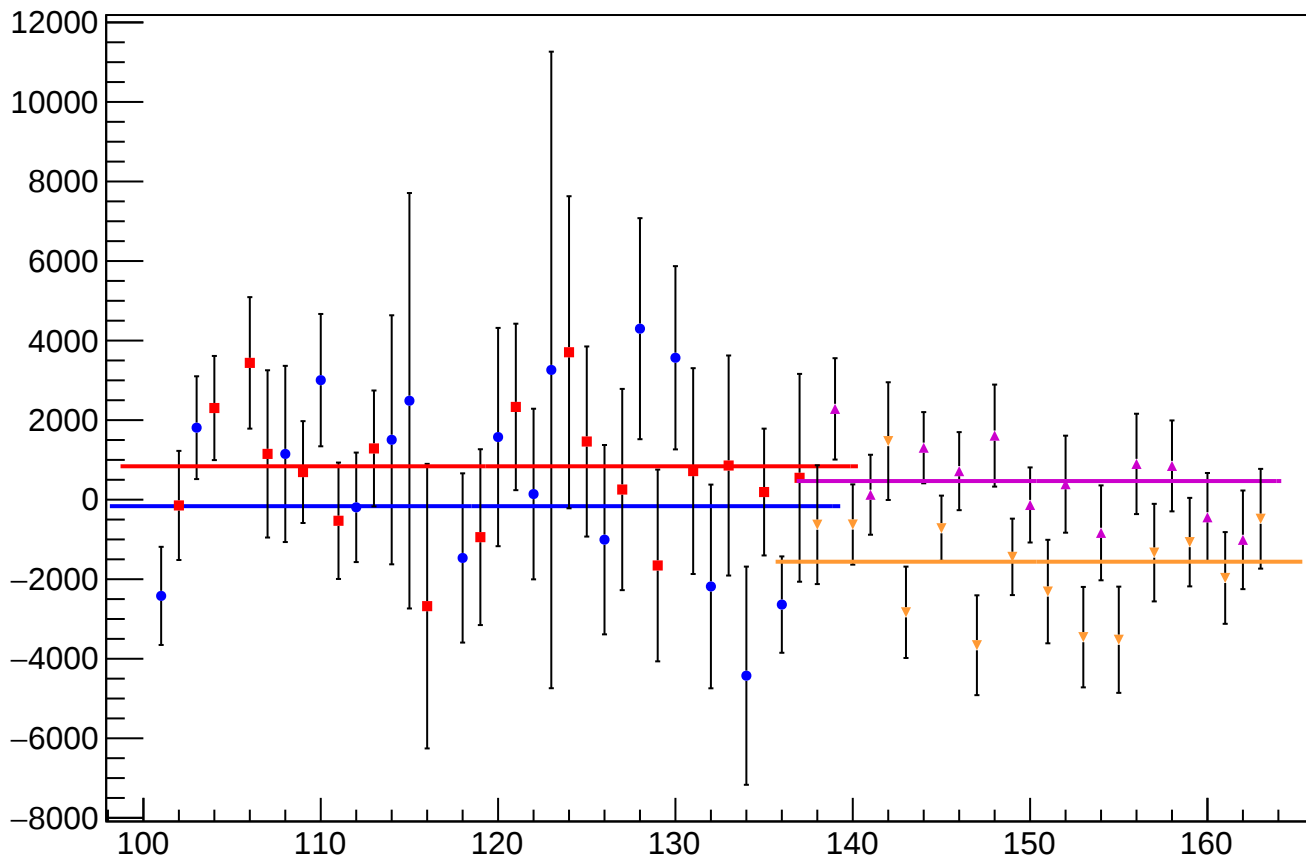
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 128.900 $\pm$ 0.023 χ^2/NDF :561811.9/28

Out: 125.404 $\pm$ 0.021 χ^2/NDF :962264.4/31

All: 127.054 $\pm$ 0.016 χ^2/NDF : 1536602.4/60

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: -1559.823 $\pm$ 308.790 χ^2 /NDF:16.4/13

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 468.167 $\pm$ 318.657 χ^2 /NDF:7.8/11

Left: -577.709 $\pm$ 221.754 χ^2 /NDF: 45.1/25

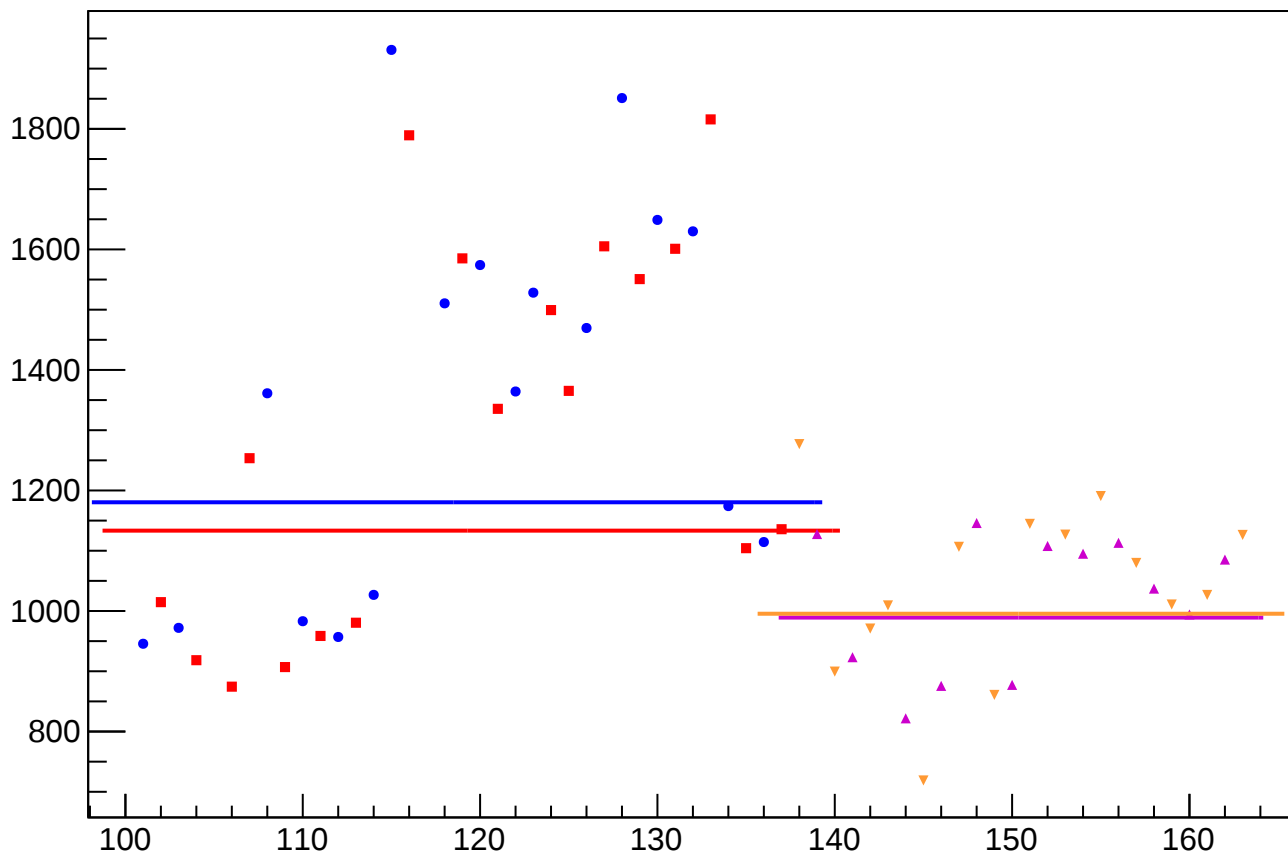
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 268.996 $\pm$ 263.679 χ^2 /NDF:32.7/28

Out: -769.316 $\pm$ 252.847 χ^2 /NDF:45.5/31

All: -271.925 $\pm$ 182.499 χ^2 /NDF: 86.4/60

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: 995.460 $\pm$ 0.218 χ^2 /NDF: 495974.8/13

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 989.078 $\pm$ 0.225 χ^2 /NDF: 256336.0/11

Left: 992.370 $\pm$ 0.157 χ^2 /NDF: 752724.5/25

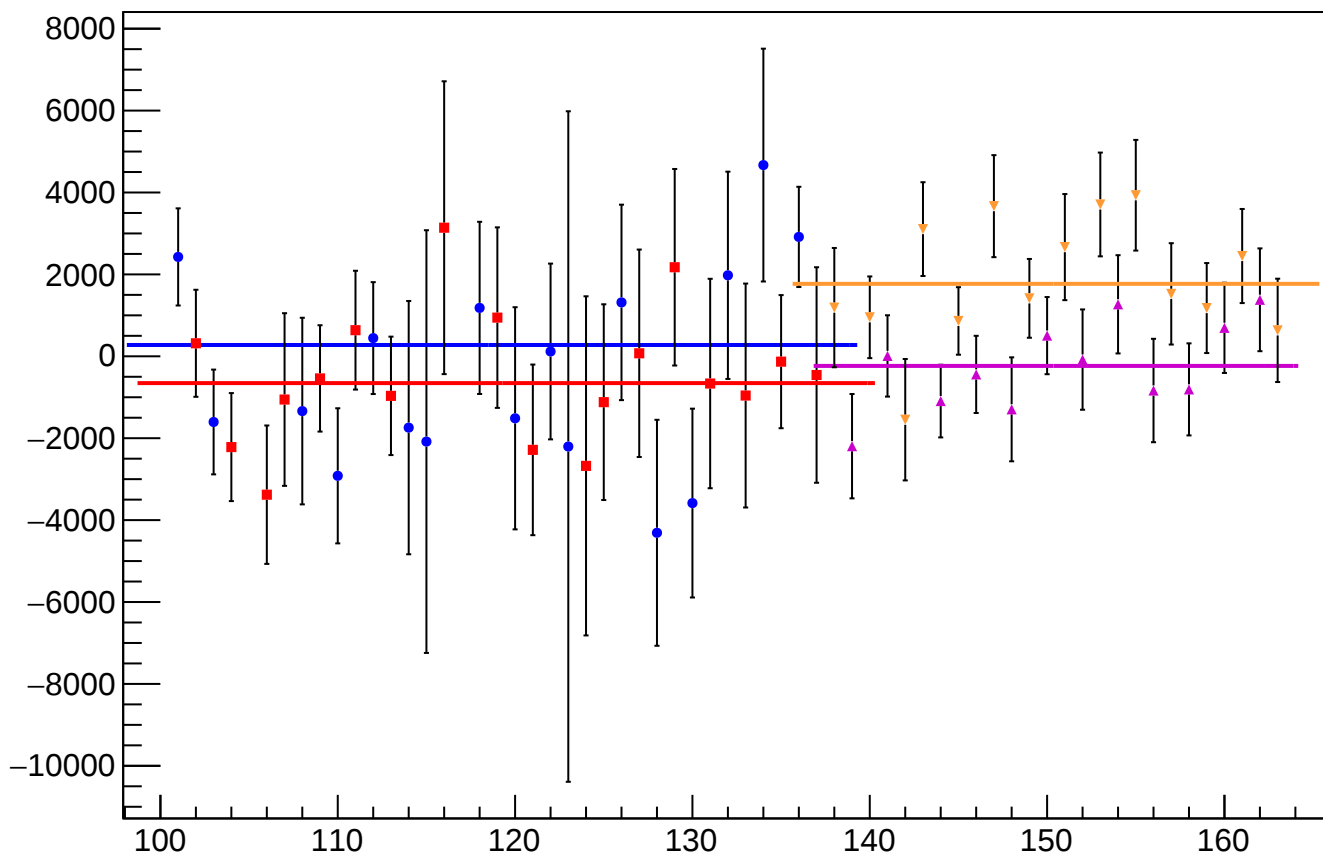
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1049.401 $\pm$ 0.186 χ^2 /NDF: 1152501.4/28

Out: 1040.896 $\pm$ 0.179 χ^2 /NDF: 1387778.4/31

All: 1044.970 $\pm$ 0.129 χ^2 /NDF: 2541363.9/60

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1769.322 $\pm$ 308.253 χ^2 /NDF:17.7/13

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -234.702 $\pm$ 316.052 χ^2 /NDF:9.2/11

Left: 792.342 $\pm$ 220.673 χ^2 /NDF: 47.5/25

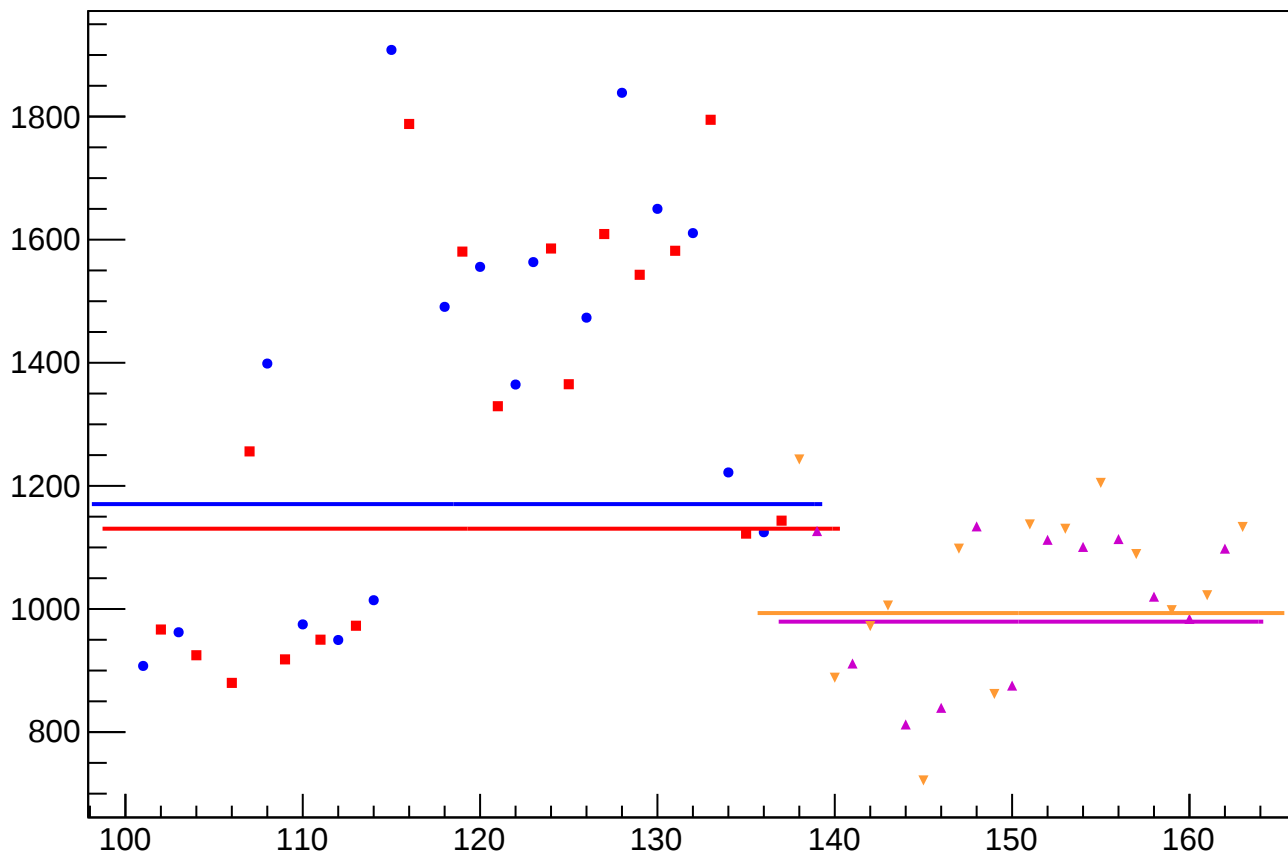
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -73.867 $\pm$ 261.643 χ^2 /NDF:34.3/28

Out: 970.951 $\pm$ 252.429 χ^2 /NDF:47.7/31

All: 467.262 $\pm$ 181.664 χ^2 /NDF: 90.2/60

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 993.402 $\pm$ 0.218 χ^2/NDF : 485513.9/13

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 979.412 $\pm$ 0.223 χ^2/NDF : 292239.5/11

Left: 986.582 $\pm$ 0.156 χ^2/NDF : 779761.4/25

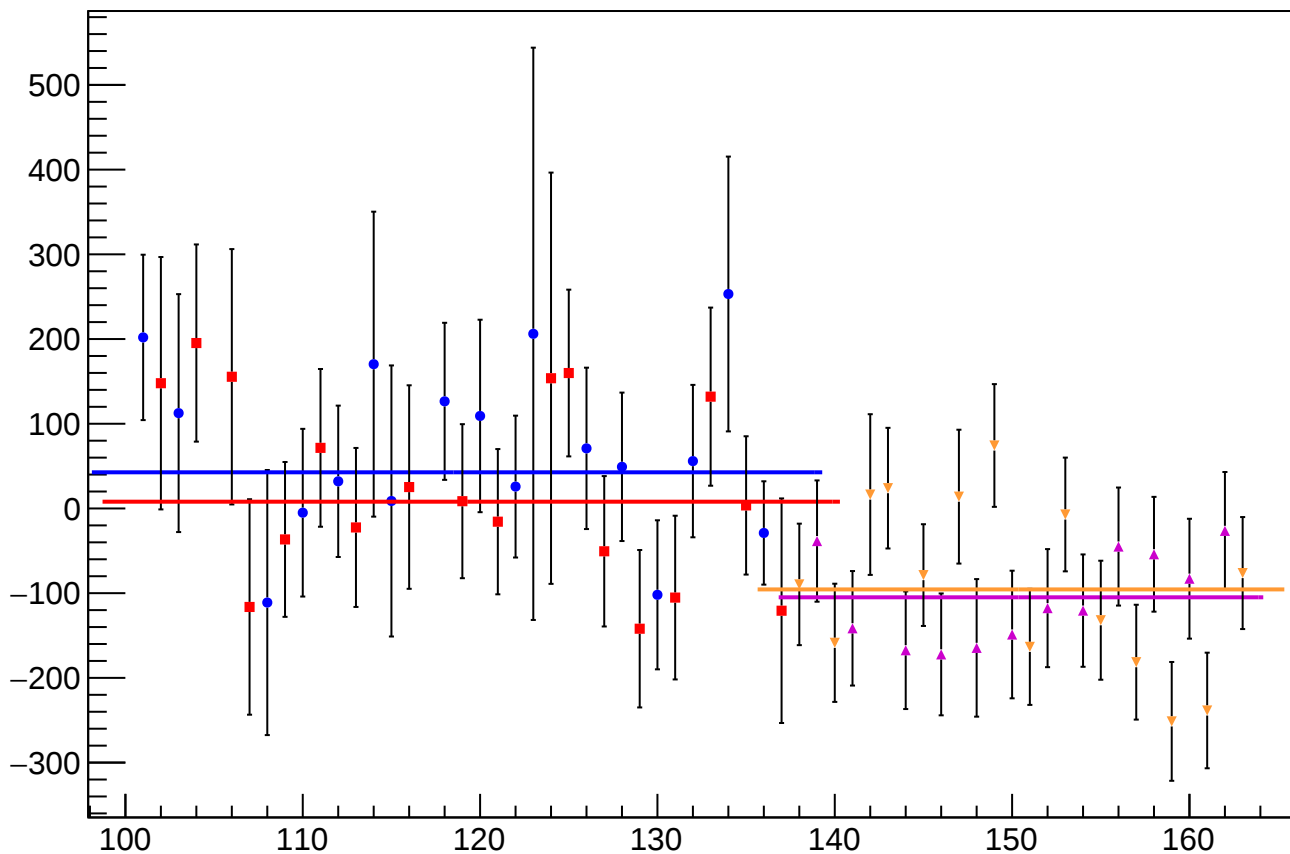
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1039.512 $\pm$ 0.185 χ^2/NDF : 1227551.0/28

Out: 1038.547 $\pm$ 0.178 χ^2/NDF : 1378775.6/31

All: 1039.012 $\pm$ 0.128 χ^2/NDF : 2606340.7/60

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: -95.567 ± 18.771 $\chi^2/\text{NDF}: 26.5/13$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -104.888 ± 20.385 $\chi^2/\text{NDF}: 6.5/11$

Left: -99.844 ± 13.808 $\chi^2/\text{NDF}: 33.1/25$

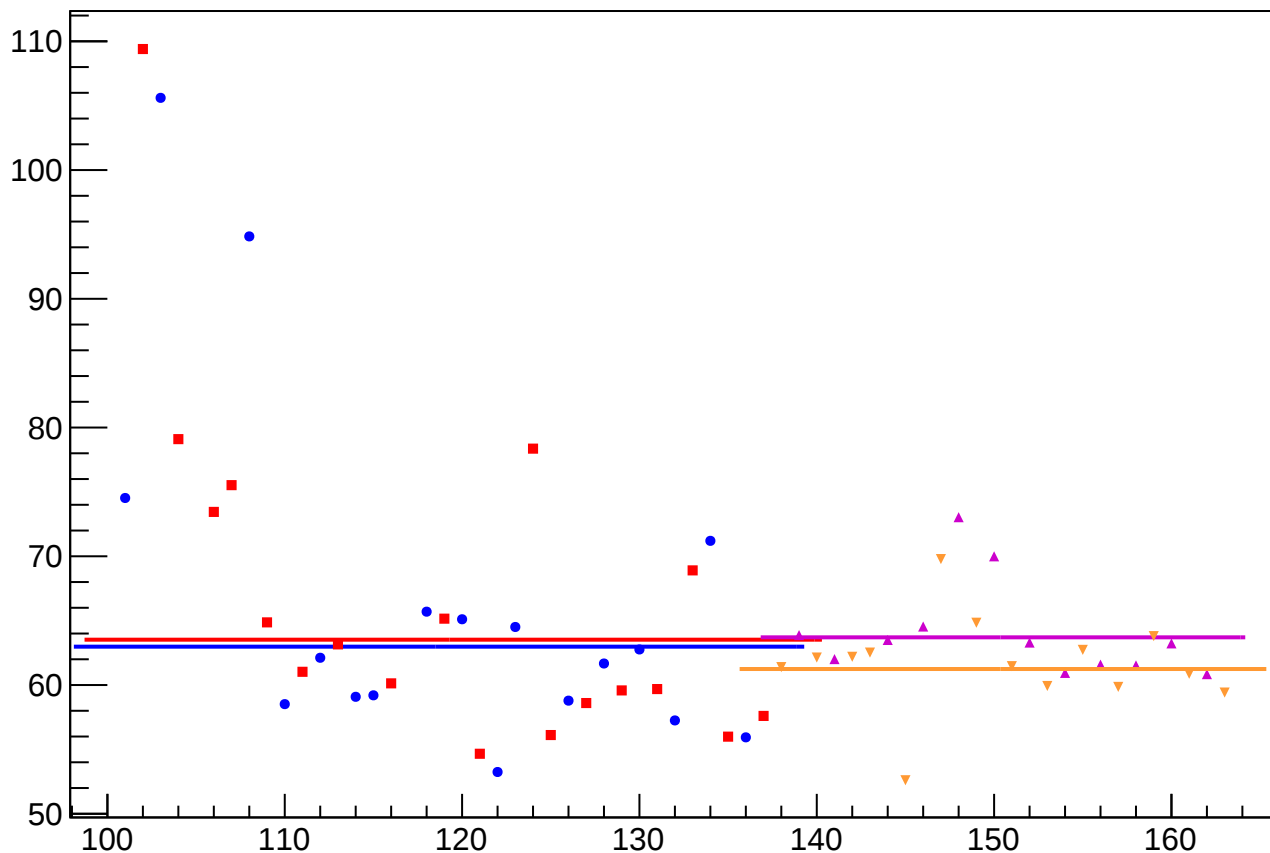
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -45.105 ± 15.722 $\chi^2/\text{NDF}: 39.7/28$

Out: -57.247 ± 14.898 $\chi^2/\text{NDF}: 53.6/31$

All: -51.503 ± 10.814 $\chi^2/\text{NDF}: 93.6/60$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980+/-0.017 χ^2/NDF : 375263.3/16

Left Out: 61.244+/-0.013 χ^2/NDF : 77636.2/13

Right Out: 63.522+/-0.017 χ^2/NDF : 335430.9/17

Left In: 63.705+/-0.014 χ^2/NDF : 52846.1/11

Left: 62.373+/-0.010 χ^2/NDF : 146248.7/25

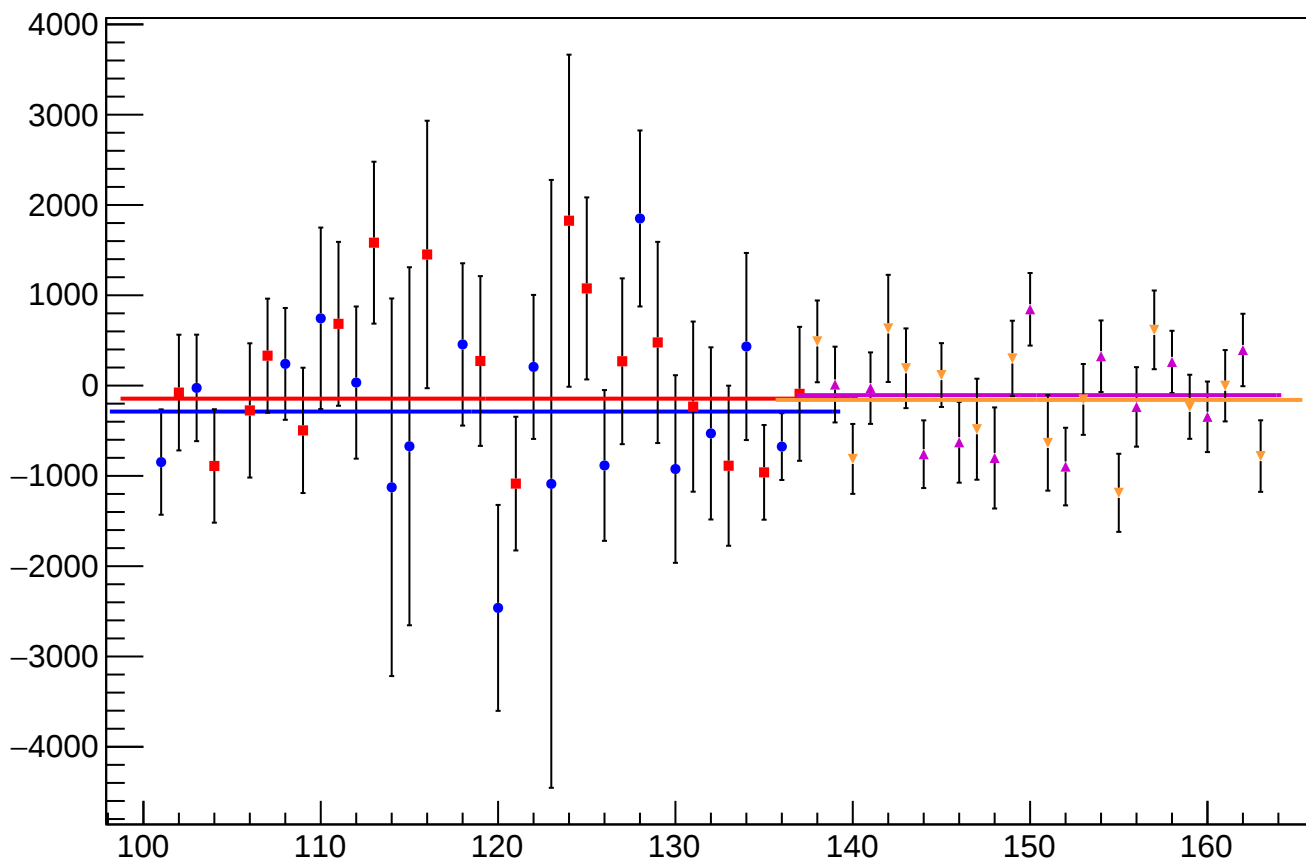
Right: 63.253+/-0.012 χ^2/NDF : 711180.0/34

In: 63.411+/-0.011 χ^2/NDF : 429133.1/28

Out: 62.087+/-0.011 χ^2/NDF : 423965.5/31

All: 62.714+/-0.008 χ^2/NDF : 860570.9/60

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -158.666+/-113.318 χ^2/NDF : 21.8/13

Right Out: -144.624+/-187.777 χ^2/NDF : 16.1/17

Left In: -105.911+/-118.102 χ^2/NDF : 19.4/11

Left: -133.379+/-81.767 χ^2/NDF : 41.3/25

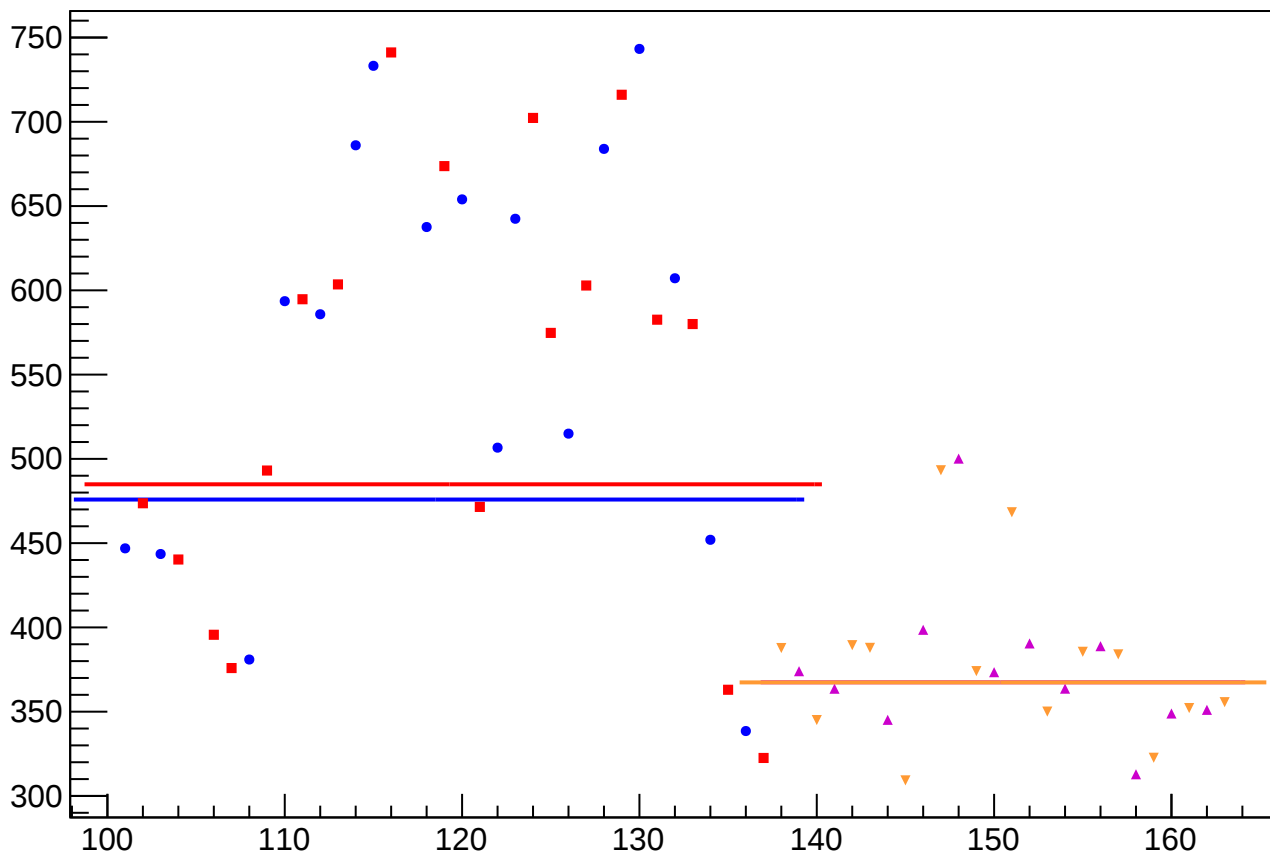
Right: -215.353+/-133.518 χ^2/NDF : 31.7/34

In: -156.613+/-100.287 χ^2/NDF : 35.4/28

Out: -154.917+/-97.020 χ^2/NDF : 37.8/31

All: -155.737+/-69.730 χ^2/NDF : 73.3/60

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 367.370+/-0.080 χ^2/NDF :293479.9/13

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 367.440+/-0.084 χ^2/NDF :198941.6/11

Left: 367.404+/-0.058 χ^2/NDF : 492421.9/25

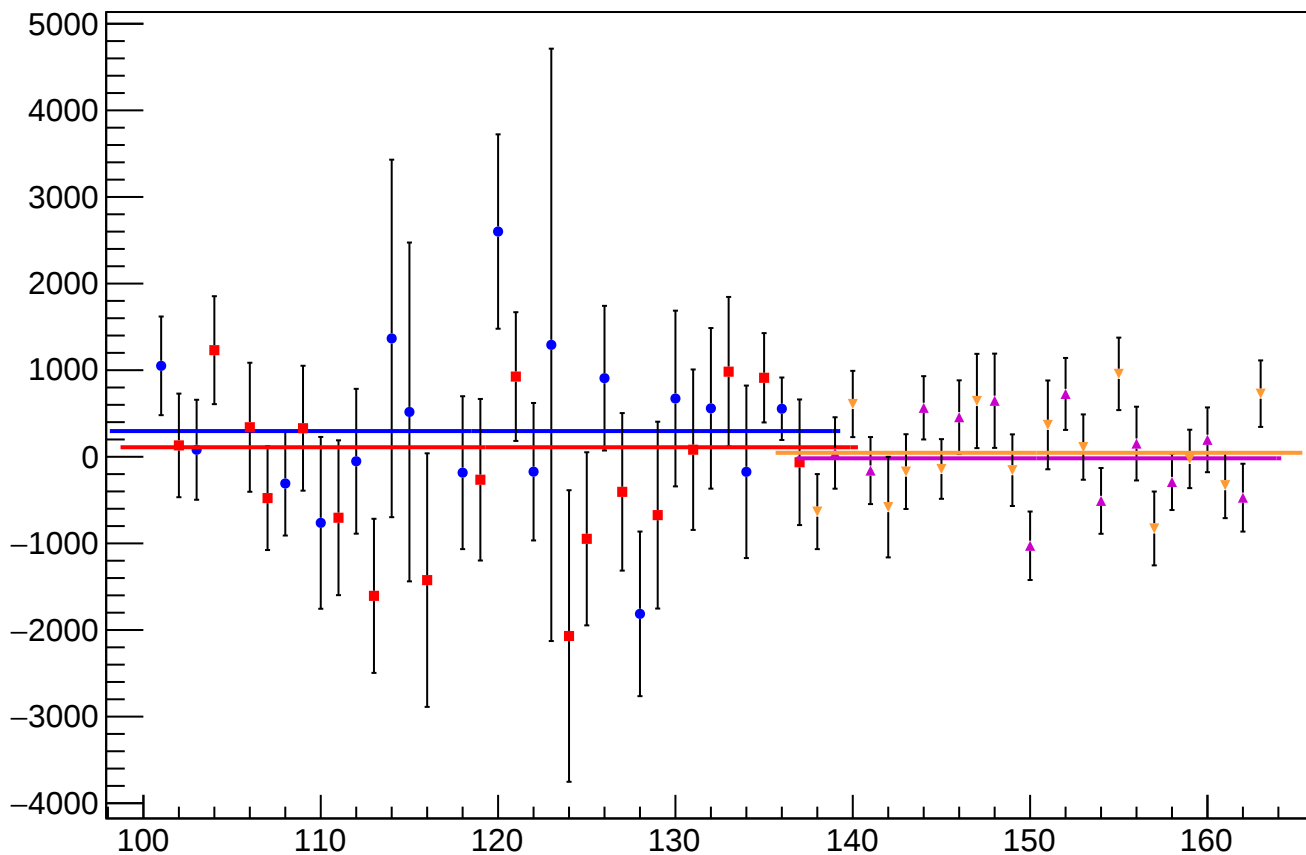
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 397.685+/-0.071 χ^2/NDF :1506984.7/28

Out: 398.749+/-0.069 χ^2/NDF :1584276.6/31

All: 398.235+/-0.049 χ^2/NDF : 3091377.6/60

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 46.153 $\pm$ 109.994 χ^2 /NDF:21.3/13

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -17.592 $\pm$ 114.129 χ^2 /NDF:19.4/11

Left: 15.456 $\pm$ 79.199 χ^2 /NDF: 40.9/25

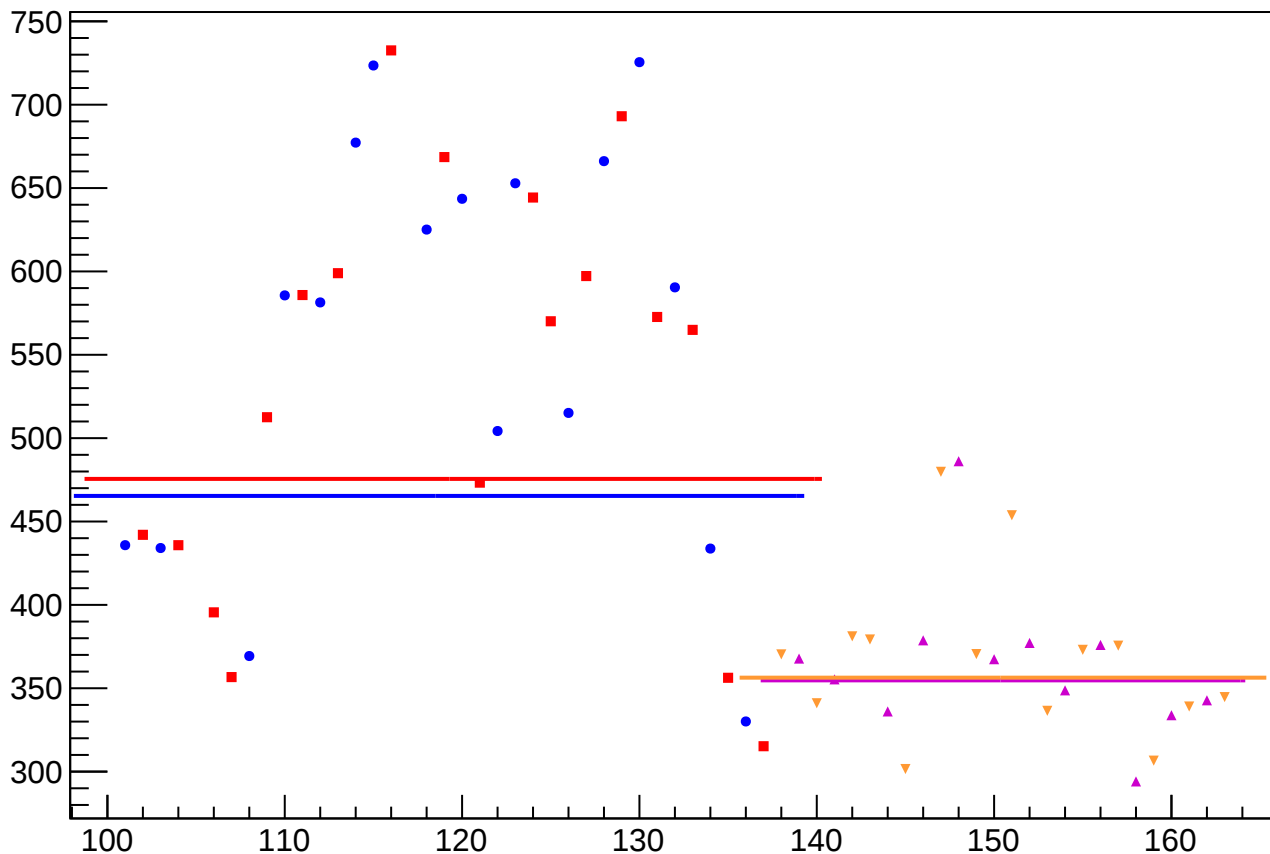
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 68.468 $\pm$ 97.273 χ^2 /NDF:37.3/28

Out: 62.946 $\pm$ 94.465 χ^2 /NDF:39.9/31

All: 65.626 $\pm$ 67.768 χ^2 /NDF: 77.3/60

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 356.347 $\pm$ 0.078 χ^2/NDF :304914.1/13

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 354.731 $\pm$ 0.081 χ^2/NDF :221689.6/11

Left: 355.569 $\pm$ 0.056 χ^2/NDF : 526811.6/25

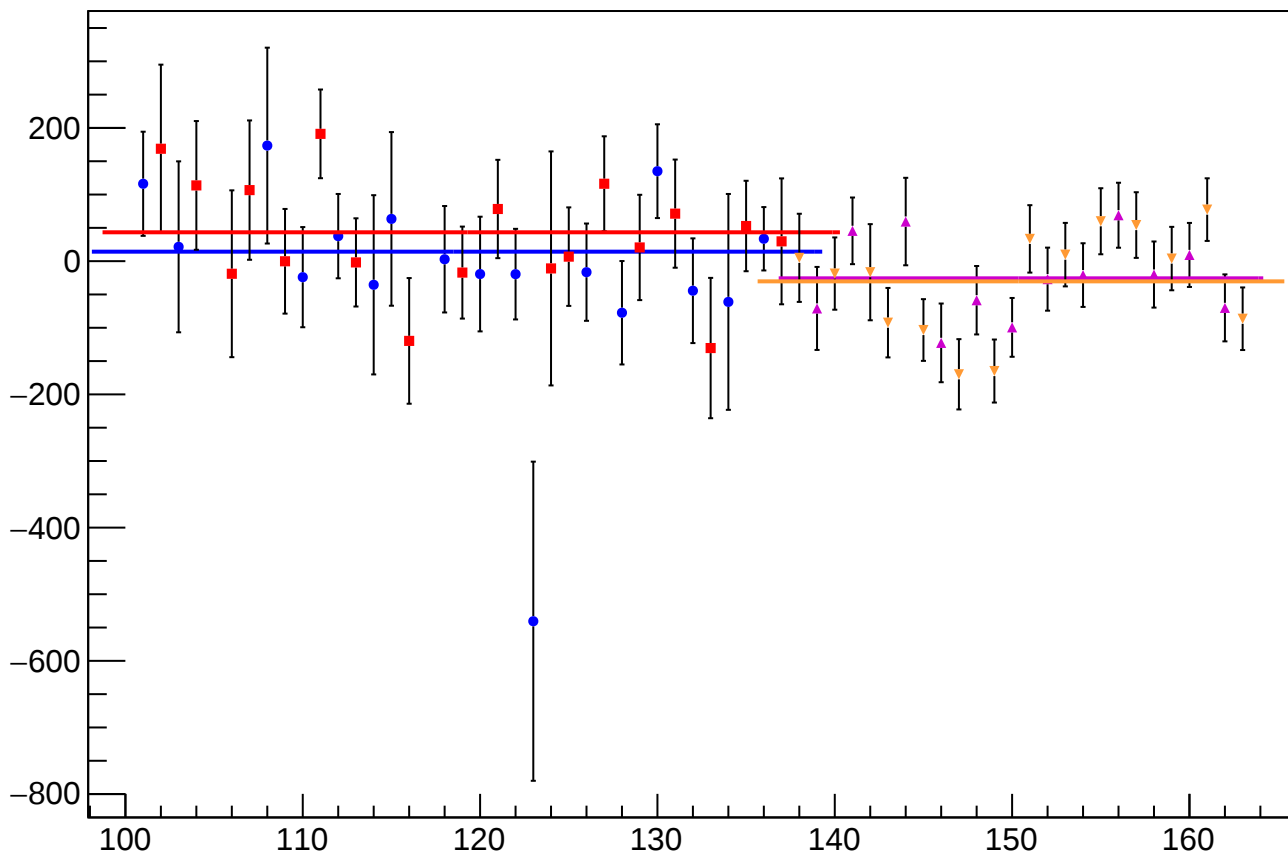
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 384.995 $\pm$ 0.069 χ^2/NDF :1596172.3/28

Out: 387.632 $\pm$ 0.067 χ^2/NDF :1662285.6/31

All: 386.352 $\pm$ 0.048 χ^2/NDF : 3259214.7/60

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -30.313+/-13.613 χ^2/NDF : 35.1/13

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -25.778+/-14.733 χ^2/NDF : 15.2/11

Left: -28.225+/-9.998 χ^2/NDF : 50.4/25

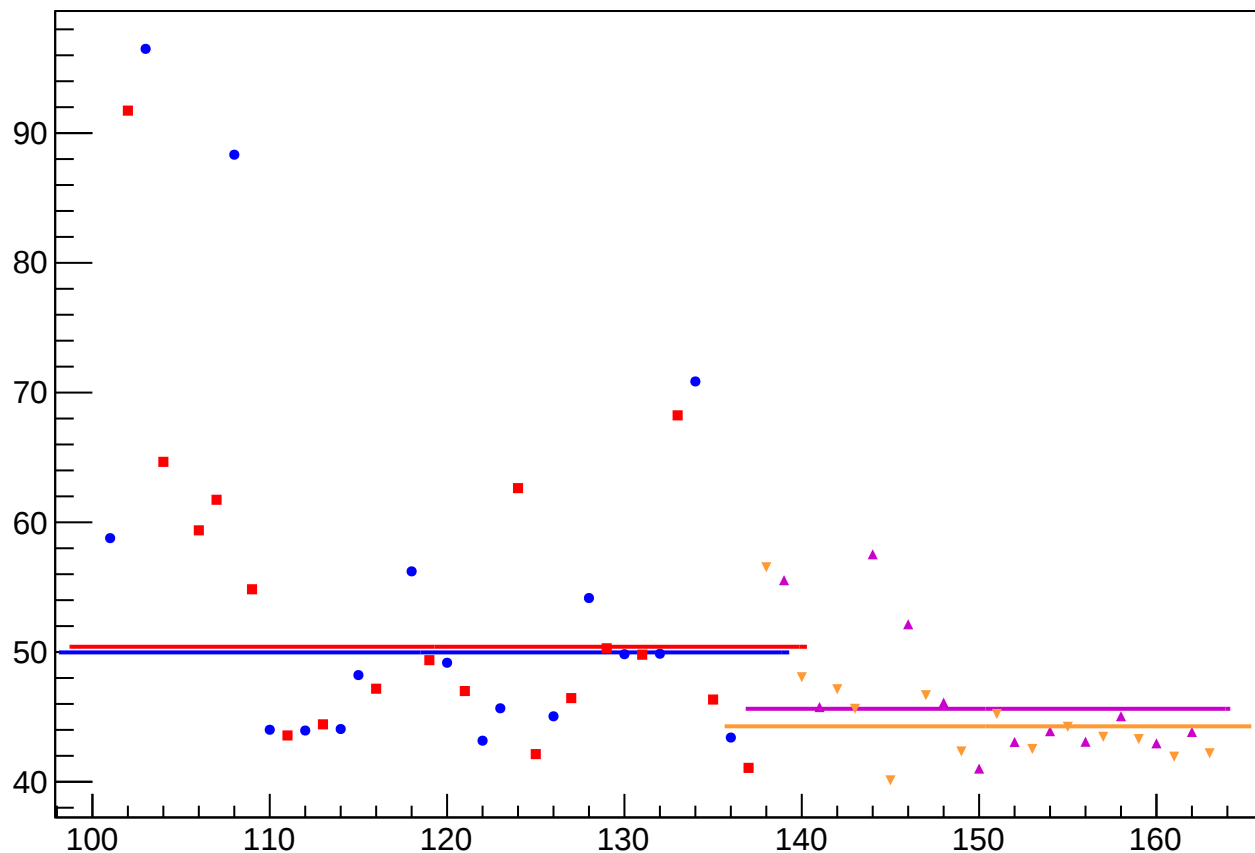
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -11.574+/-11.834 χ^2/NDF : 32.6/28

Out: -6.429+/-11.190 χ^2/NDF : 60.8/31

All: -8.858+/-8.131 χ^2/NDF : 93.5/60

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.275+/-0.010 χ^2/NDF : 120159.2/13

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 45.626+/-0.010 χ^2/NDF : 185488.7/11

Left: 44.897+/-0.007 χ^2/NDF : 314717.6/25

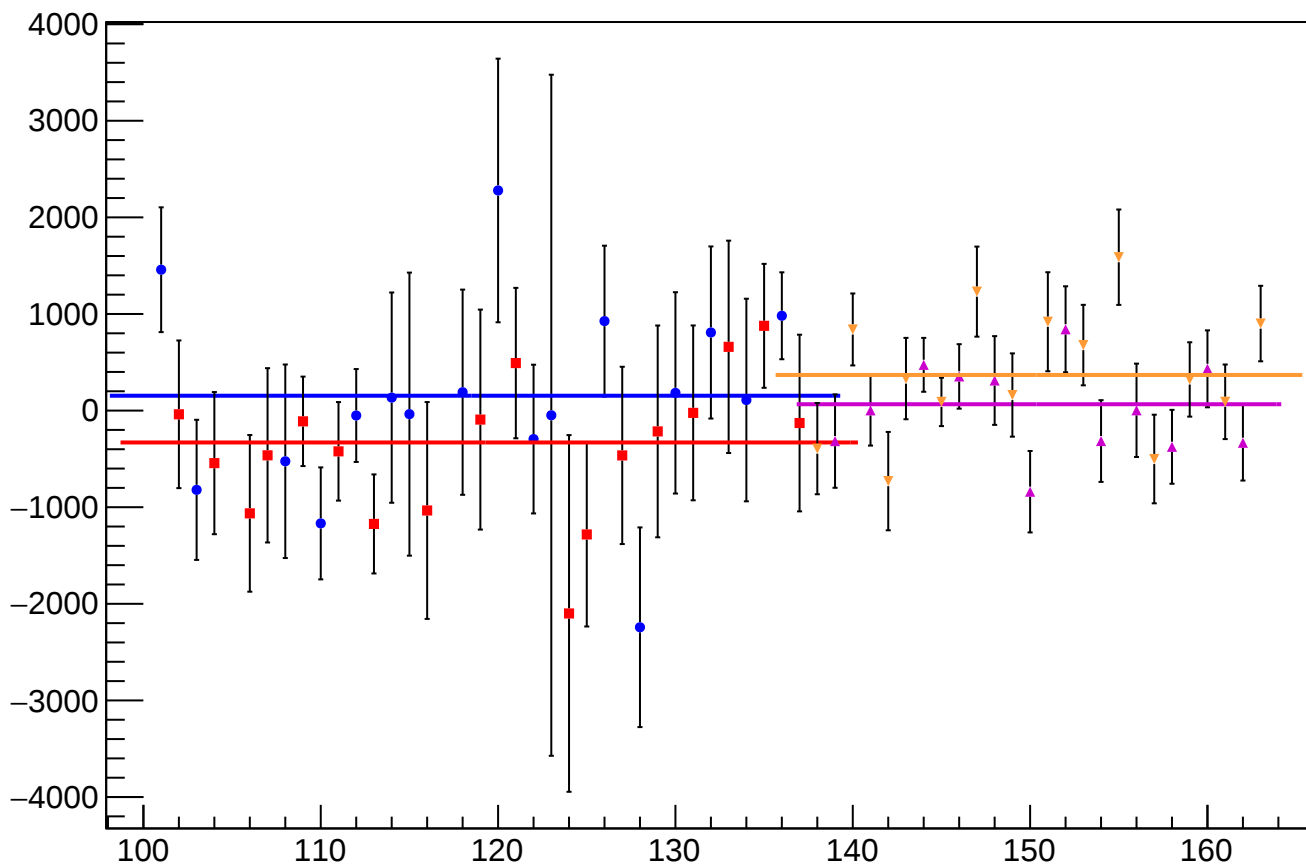
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 47.168+/-0.008 χ^2/NDF : 826020.7/28

Out: 46.264+/-0.008 χ^2/NDF : 719282.4/31

All: 46.691+/-0.006 χ^2/NDF : 1551471.9/60

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: 368.699 $\pm$ 108.113 χ^2 /NDF:27.6/13

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 65.782 $\pm$ 112.779 χ^2 /NDF:15.5/11

Left: 223.637 $\pm$ 78.045 χ^2 /NDF: 46.8/25

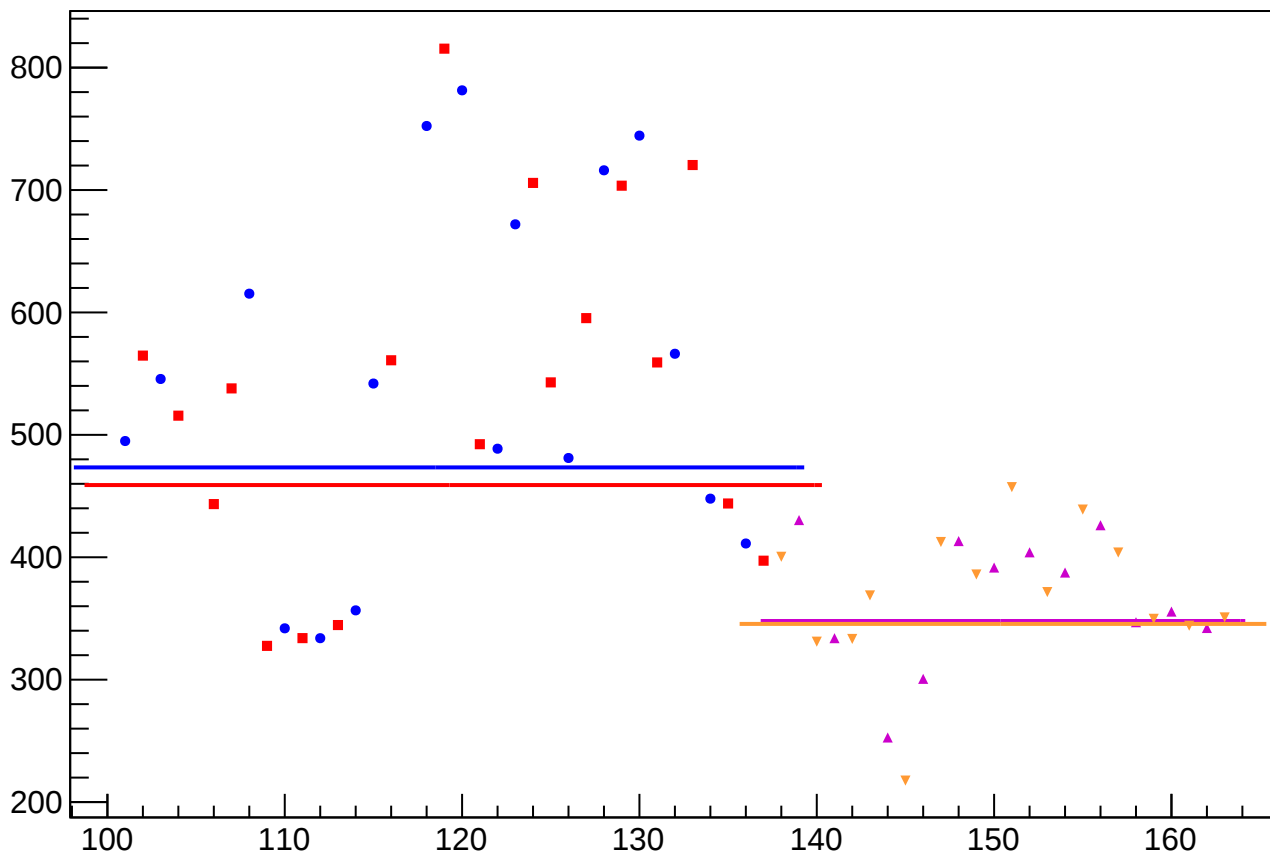
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 88.732 $\pm$ 96.976 χ^2 /NDF:40.5/28

Out: 183.167 $\pm$ 92.652 χ^2 /NDF:50.7/31

All: 138.102 $\pm$ 66.992 χ^2 /NDF: 91.7/60

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: 345.551 $\pm$ 0.076 χ^2 /NDF:825670.5/13

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 347.929 $\pm$ 0.080 χ^2 /NDF:499015.4/11

Left: 346.690 $\pm$ 0.055 χ^2 /NDF: 1325149.2/25

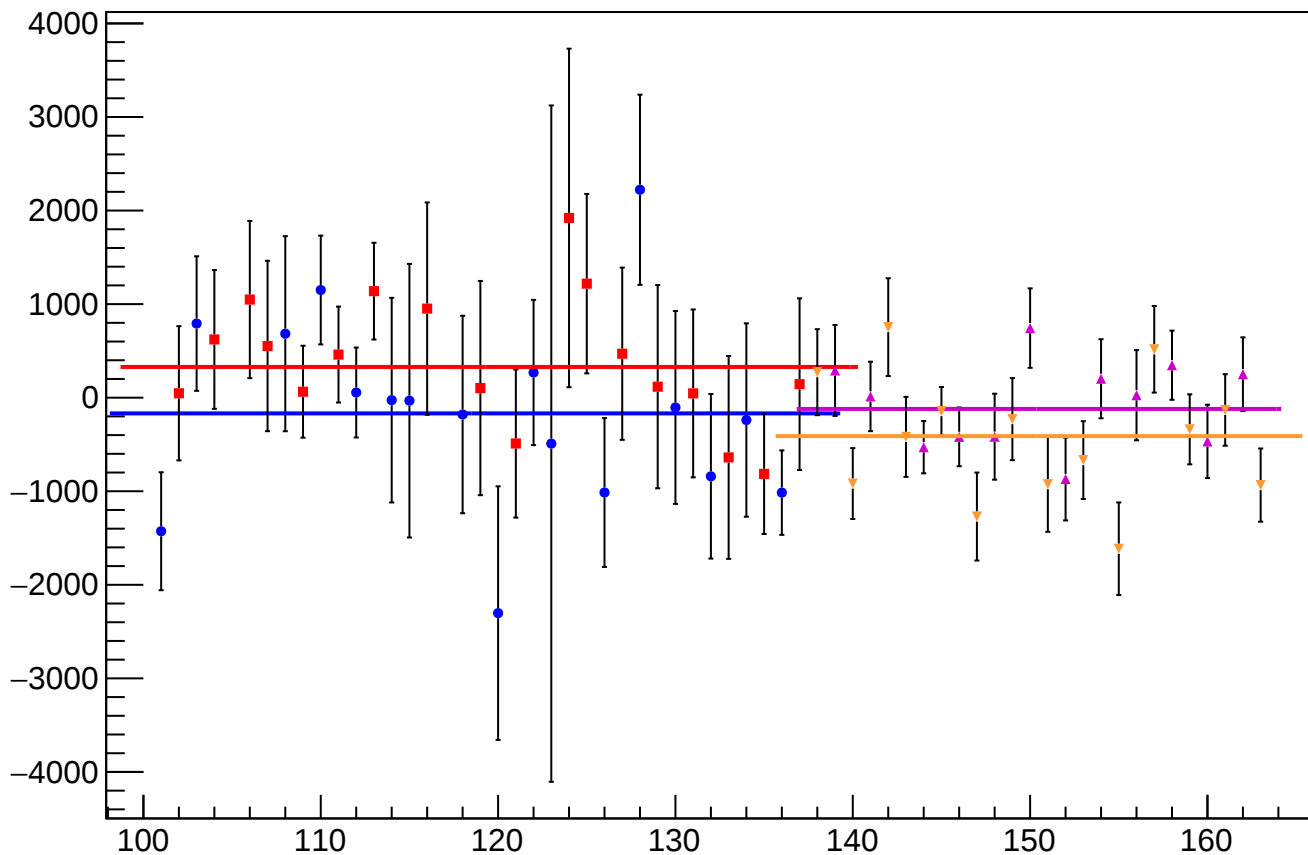
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 380.630 $\pm$ 0.069 χ^2 /NDF:2059143.2/28

Out: 375.675 $\pm$ 0.066 χ^2 /NDF:2416644.1/31

All: 378.040 $\pm$ 0.047 χ^2 /NDF: 4478516.8/60

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -410.774+/-108.708 χ^2/NDF : 27.3/13

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -120.155+/-111.802 χ^2/NDF : 15.3/11

Left: -269.542+/-77.939 χ^2/NDF : 46.0/25

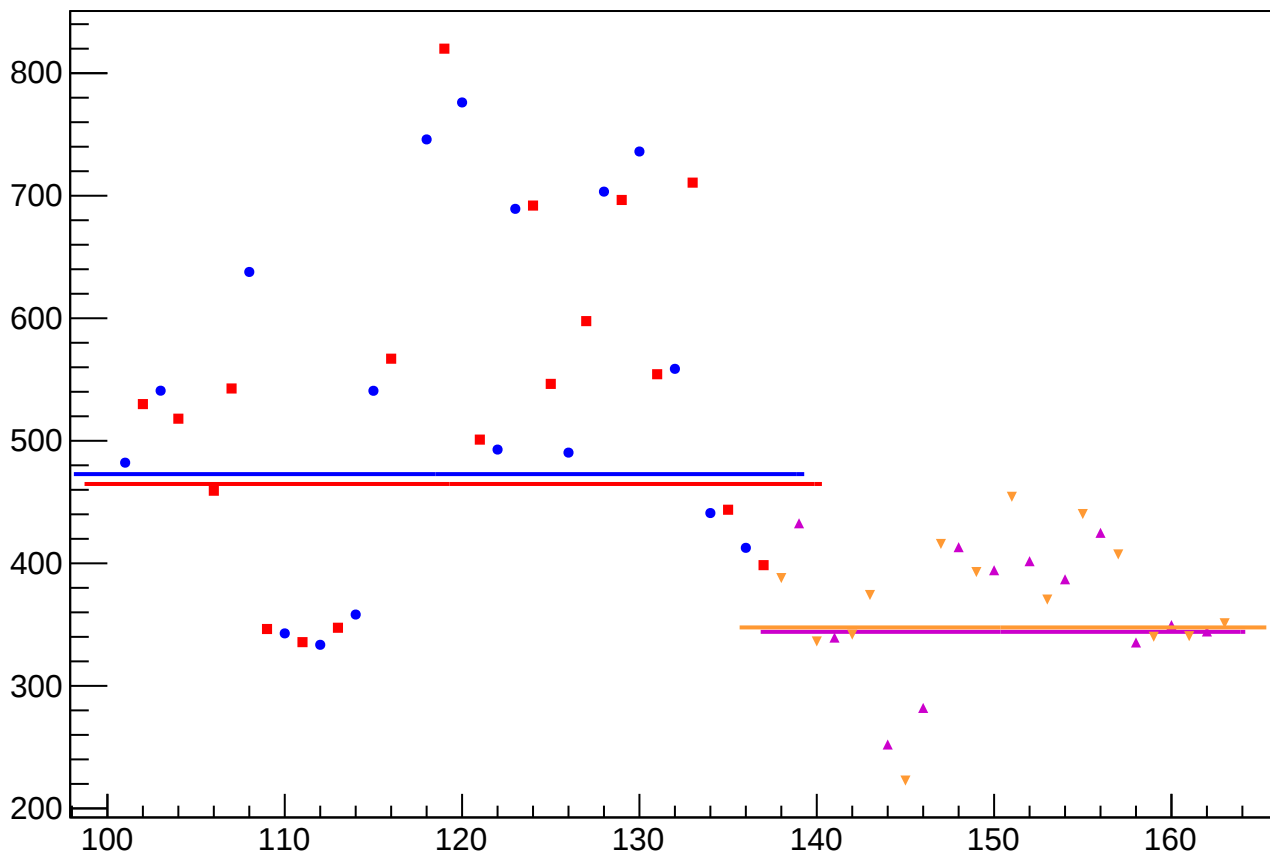
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -132.497+/-96.326 χ^2/NDF : 40.7/28

Out: -215.660+/-93.268 χ^2/NDF : 50.6/31

All: -175.420+/-67.005 χ^2/NDF : 91.7/60

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: 347.697 $\pm$ 0.077 χ^2/NDF : 760080.6/13

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 344.089 $\pm$ 0.079 χ^2/NDF : 546995.5/11

Left: 345.943 $\pm$ 0.055 χ^2/NDF : 1308146.8/25

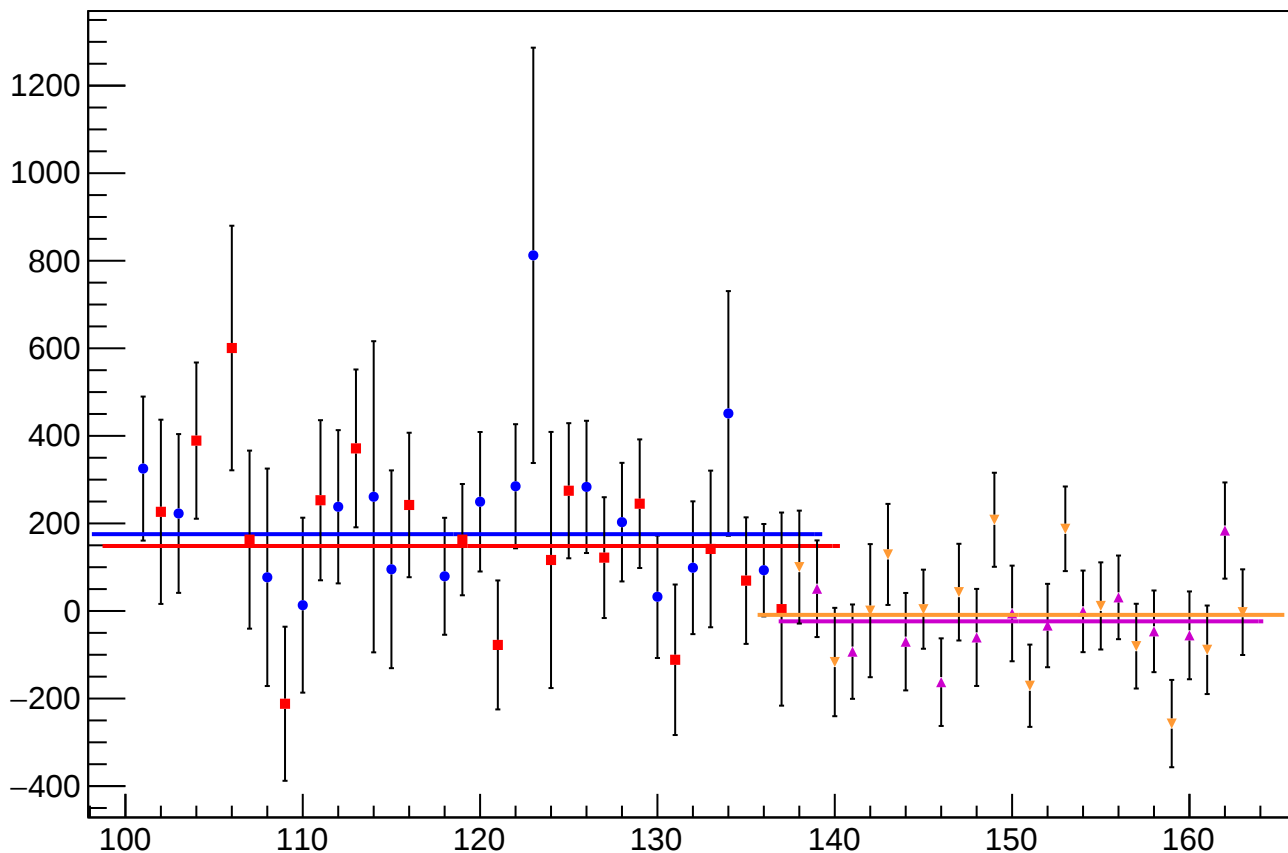
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 377.261 $\pm$ 0.068 χ^2/NDF : 2126626.7/28

Out: 378.589 $\pm$ 0.066 χ^2/NDF : 2286902.4/31

All: 377.946 $\pm$ 0.047 χ^2/NDF : 4413725.4/60

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -8.884 ± 28.107 $\chi^2/\text{NDF}: 21.8/13$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -23.666 ± 29.539 $\chi^2/\text{NDF}: 7.2/11$

Left: -15.908 ± 20.362 $\chi^2/\text{NDF}: 29.1/25$

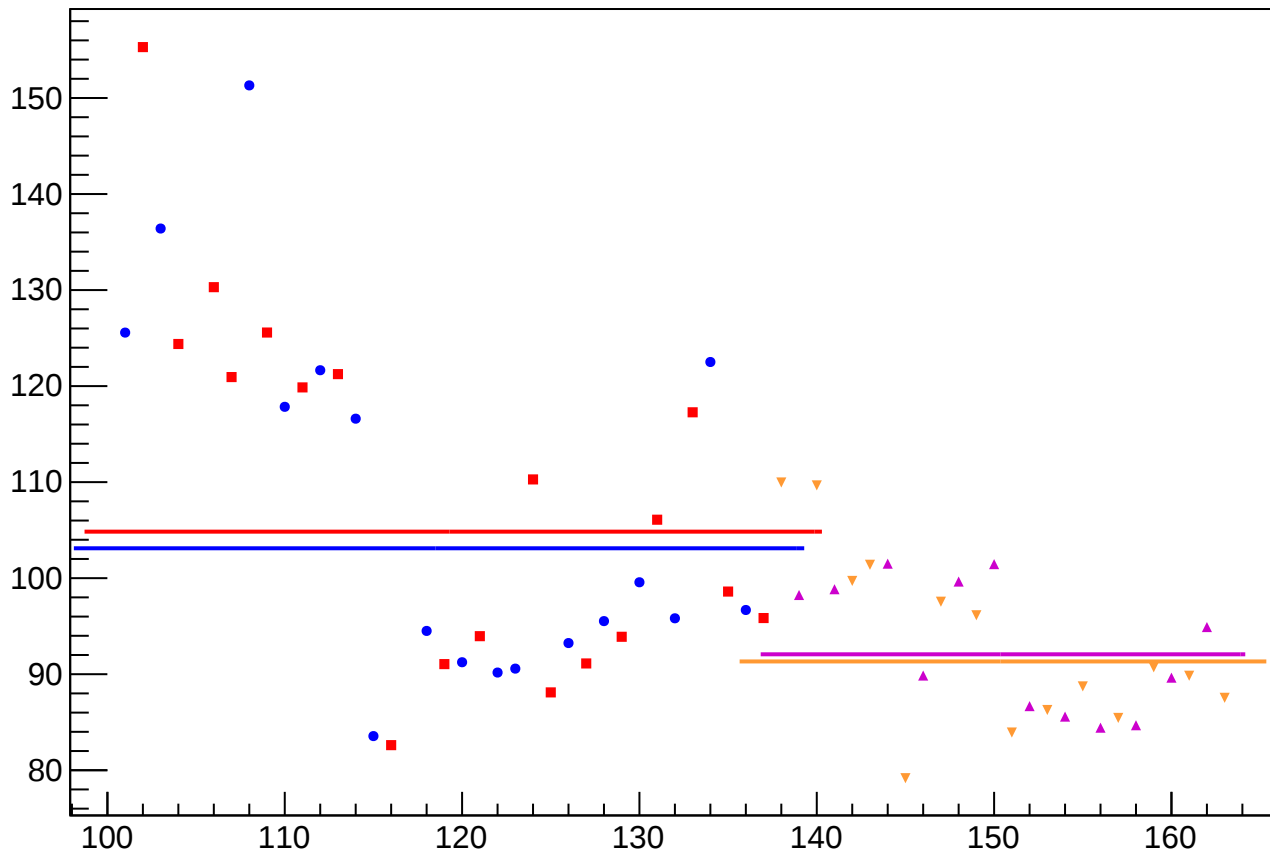
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 45.798 ± 23.837 $\chi^2/\text{NDF}: 31.7/28$

Out: 42.546 ± 23.060 $\chi^2/\text{NDF}: 49.5/31$

All: 44.118 ± 16.573 $\chi^2/\text{NDF}: 81.2/60$

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: 91.328 $\pm$ 0.020 χ^2/NDF :183634.1/13

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 92.073 $\pm$ 0.021 χ^2/NDF :97605.6/11

Left: 91.682 $\pm$ 0.014 χ^2/NDF : 281906.1/25

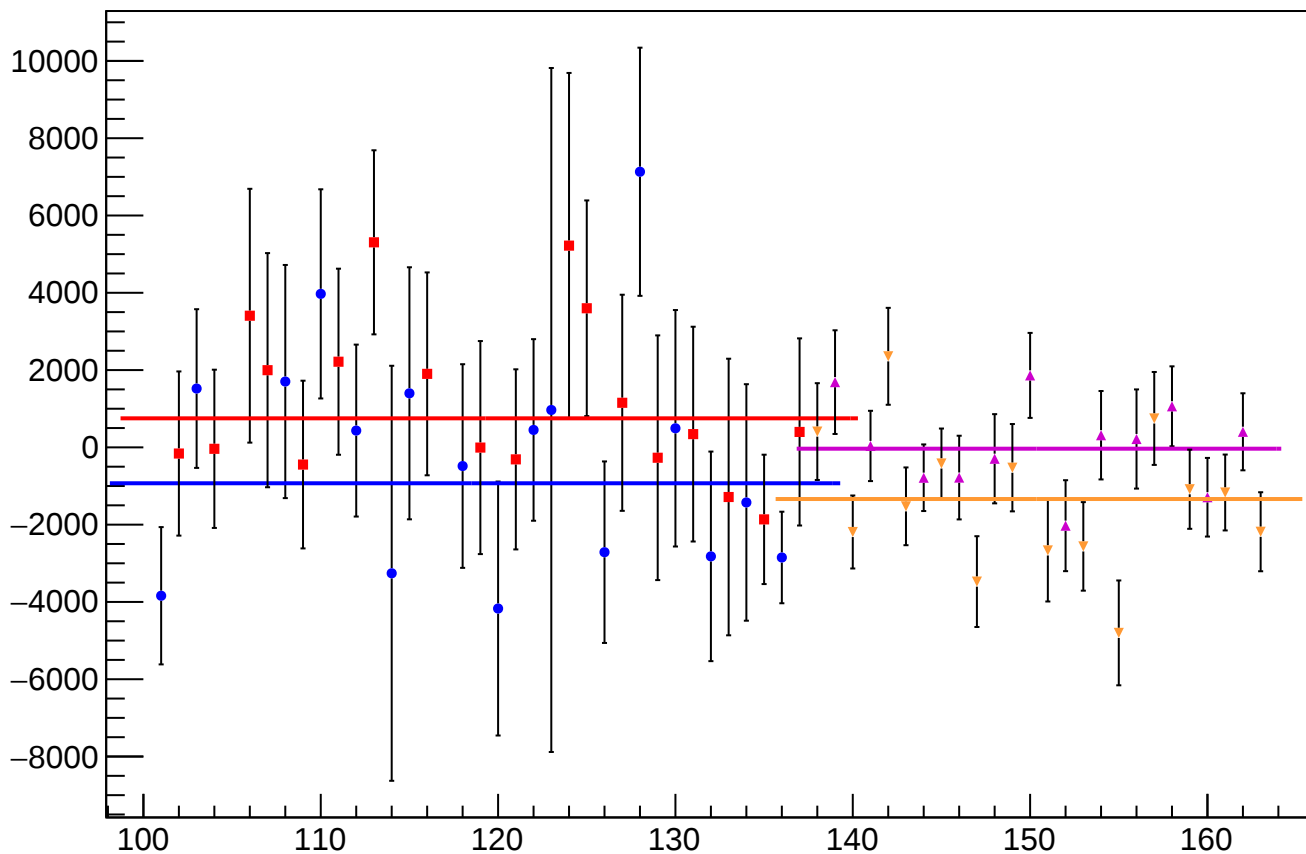
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 95.924 $\pm$ 0.017 χ^2/NDF :501489.9/28

Out: 95.746 $\pm$ 0.016 χ^2/NDF :703492.8/31

All: 95.832 $\pm$ 0.012 χ^2/NDF : 1205039.7/60

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1336.680 ± 293.235 $\chi^2/\text{NDF}: 28.8/13$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: -34.450 ± 308.003 $\chi^2/\text{NDF}: 11.8/11$

Left: -717.533 ± 212.377 $\chi^2/\text{NDF}: 49.9/25$

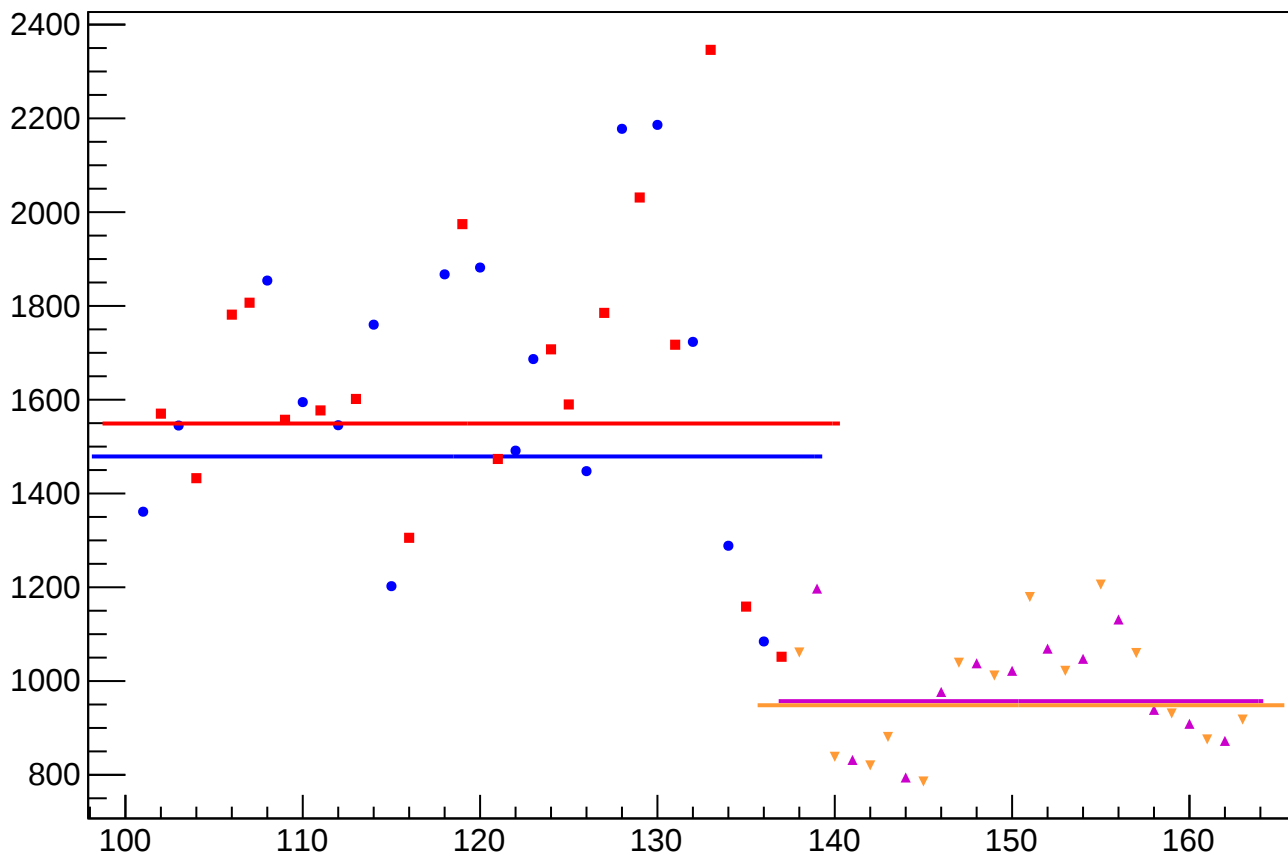
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -227.568 ± 272.735 $\chi^2/\text{NDF}: 34.4/28$

Out: -928.612 ± 263.023 $\chi^2/\text{NDF}: 49.6/31$

All: -590.794 ± 189.326 $\chi^2/\text{NDF}: 87.5/60$

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: 948.410 $\pm$ 0.207 χ^2 /NDF: 327794.1/13

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 957.181 $\pm$ 0.218 χ^2 /NDF: 277748.3/11

Left: 952.580 $\pm$ 0.150 χ^2 /NDF: 606393.2/25

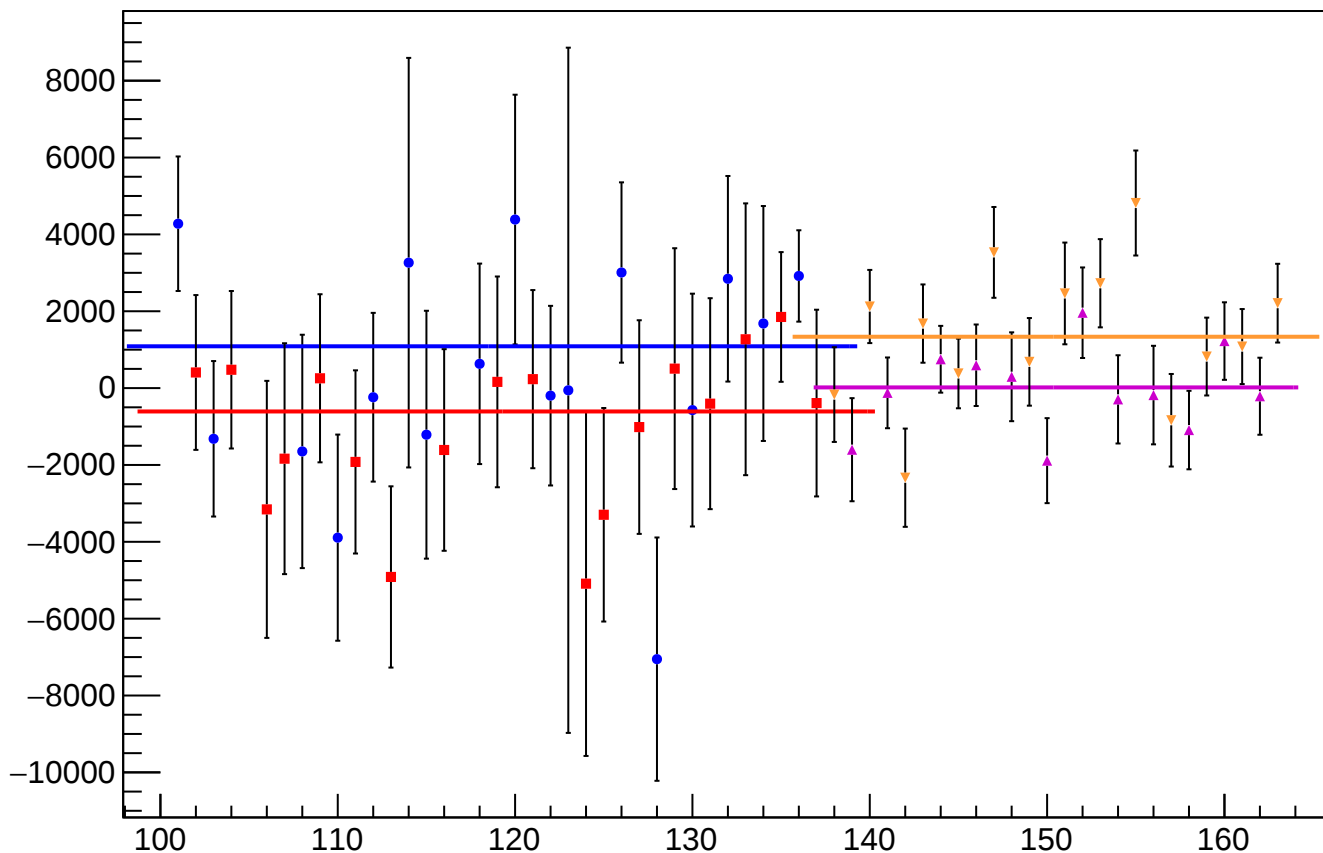
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1069.840 $\pm$ 0.193 χ^2 /NDF: 2106728.8/28

Out: 1065.841 $\pm$ 0.186 χ^2 /NDF: 2431522.4/31

All: 1067.768 $\pm$ 0.134 χ^2 /NDF: 4538473.9/60

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: 1336.536 $\pm$ 294.002 χ^2 /NDF:28.4/13

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 17.907 $\pm$ 308.028 χ^2 /NDF:11.0/11

Left: 707.927 $\pm$ 212.677 χ^2 /NDF: 49.0/25

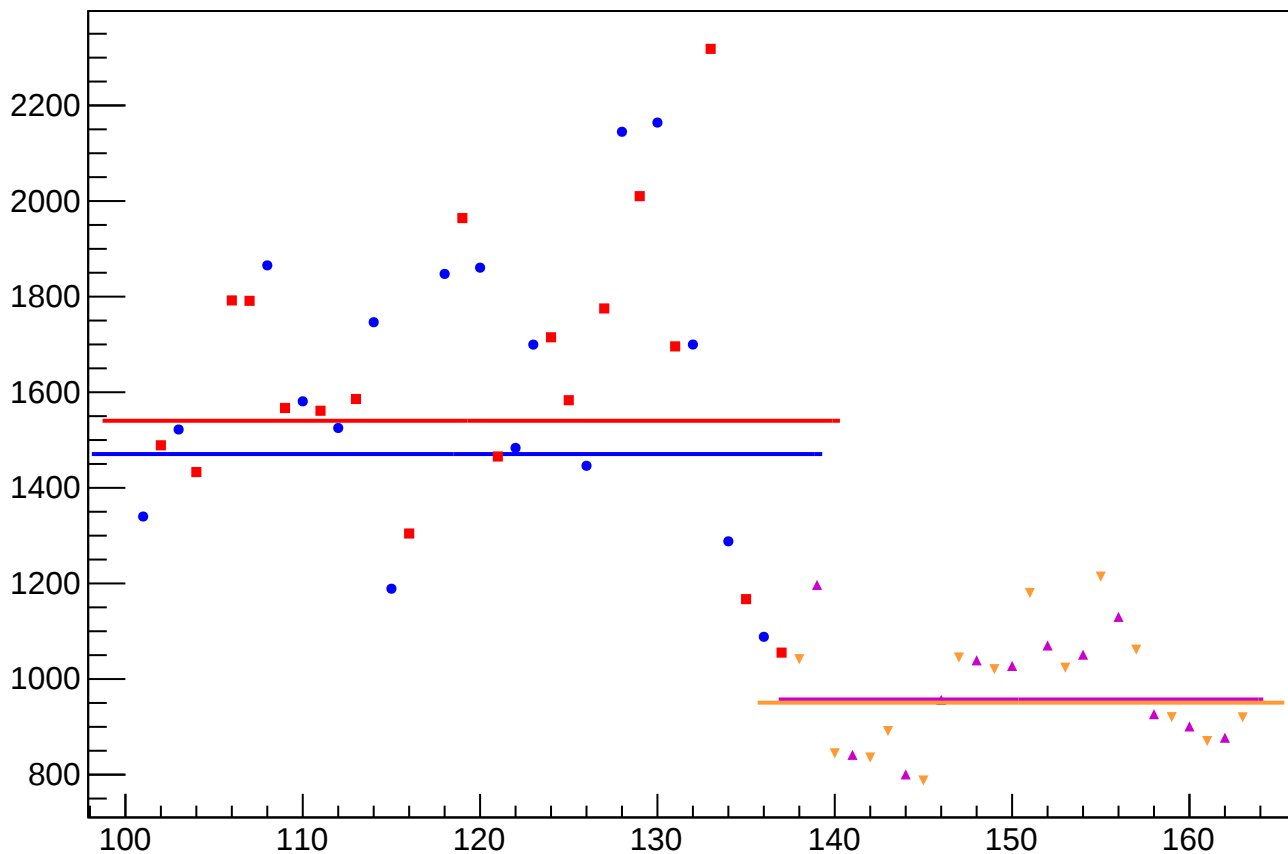
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 251.230 $\pm$ 272.385 χ^2 /NDF:35.5/28

Out: 951.371 $\pm$ 263.278 χ^2 /NDF:47.0/31

All: 613.199 $\pm$ 189.303 χ^2 /NDF: 85.9/60

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 950.631 $\pm$ 0.208 χ^2 /NDF: 320190.3/13

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 957.265 $\pm$ 0.218 χ^2 /NDF: 267548.4/11

Left: 953.794 $\pm$ 0.150 χ^2 /NDF: 588224.3/25

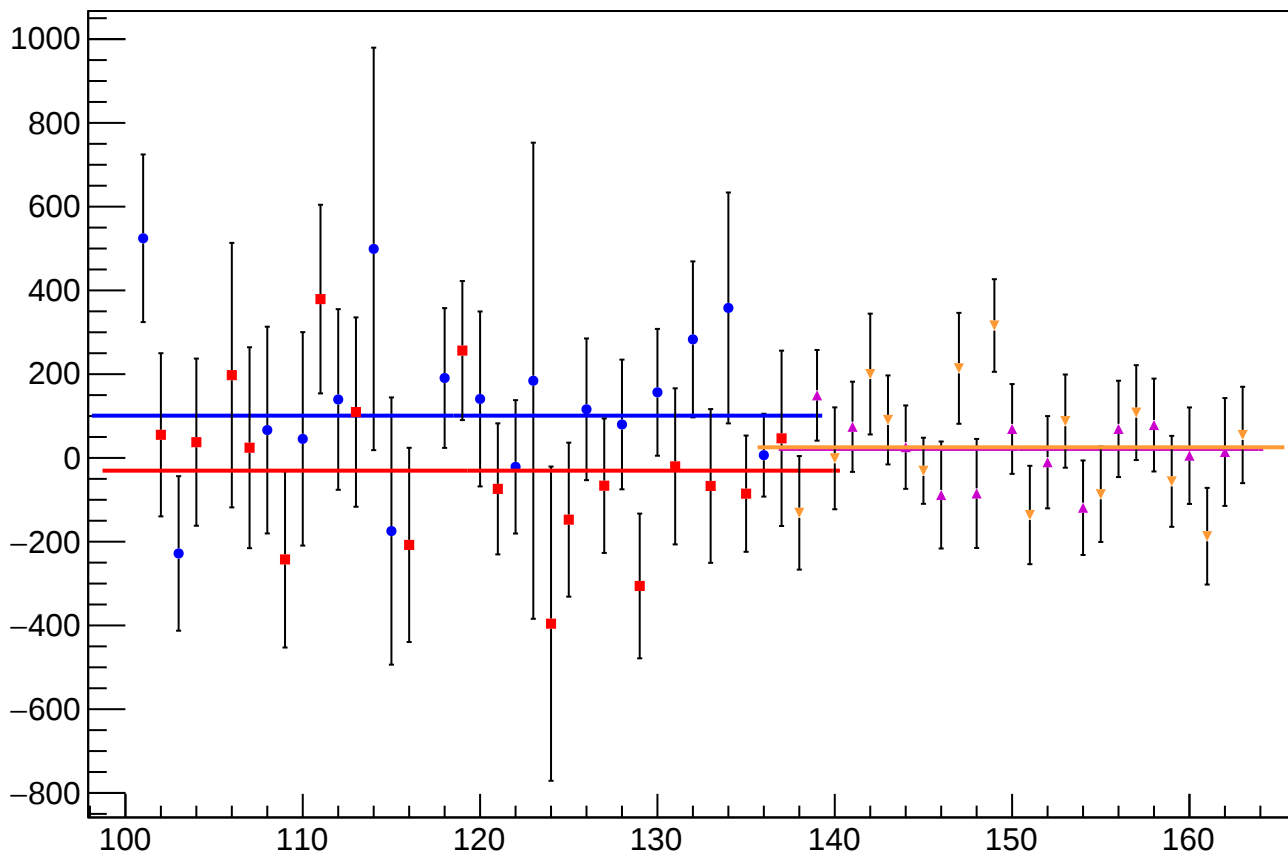
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1069.212 $\pm$ 0.193 χ^2 /NDF: 2046796.4/28

Out: 1067.442 $\pm$ 0.186 χ^2 /NDF: 2356865.9/31

All: 1068.297 $\pm$ 0.134 χ^2 /NDF: 4403706.0/60

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: 25.384 $\pm$ 30.130 χ^2 /NDF:20.4/13

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: 21.491 $\pm$ 32.734 χ^2 /NDF:5.3/11

Left: 23.598 $\pm$ 22.169 χ^2 /NDF: 25.7/25

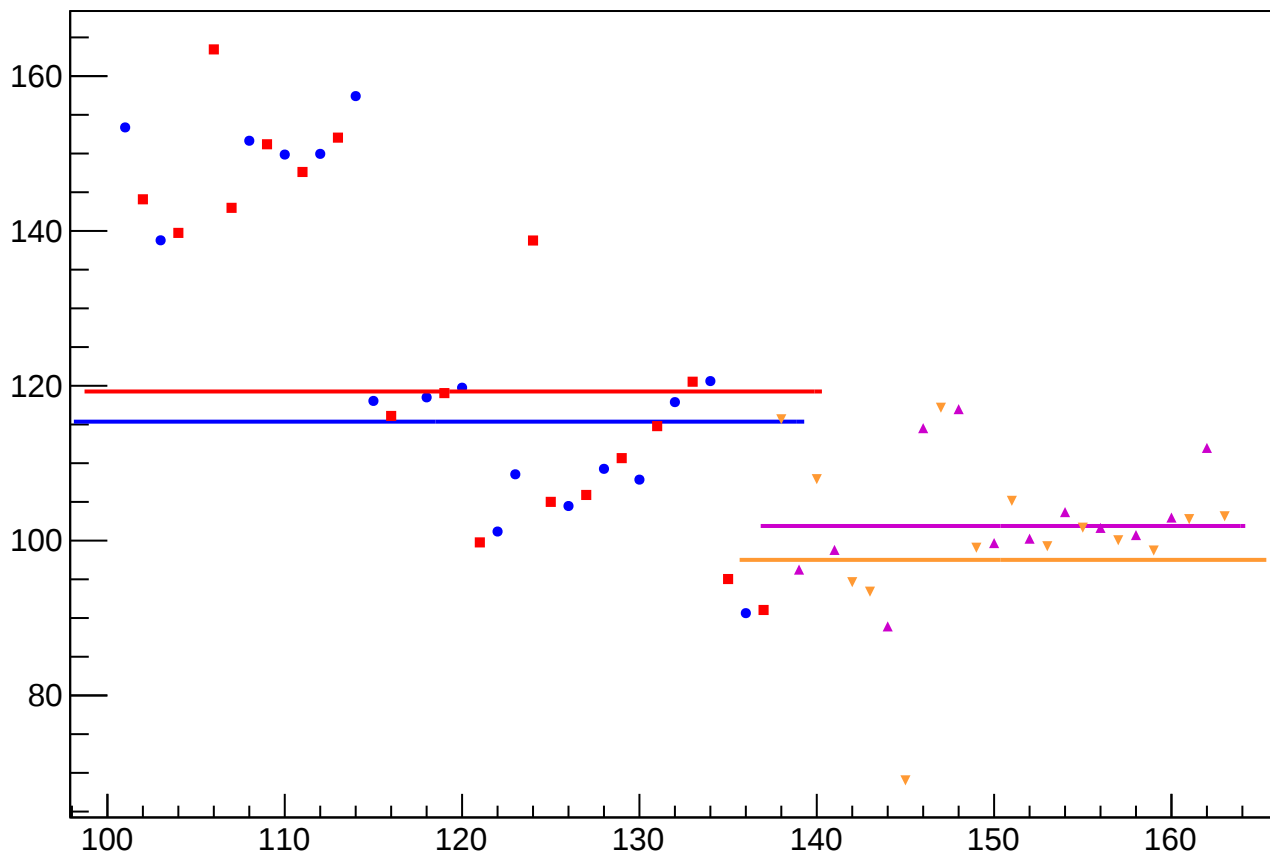
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 48.751 $\pm$ 26.529 χ^2 /NDF:20.4/28

Out: 8.484 $\pm$ 25.157 χ^2 /NDF:34.9/31

All: 27.549 $\pm$ 18.254 χ^2 /NDF: 56.5/60

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: 97.512 $\pm$ 0.021 χ^2 /NDF:381076.7/13

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.889 $\pm$ 0.023 χ^2 /NDF:101937.5/11

Left: 99.520 $\pm$ 0.016 χ^2 /NDF: 502372.7/25

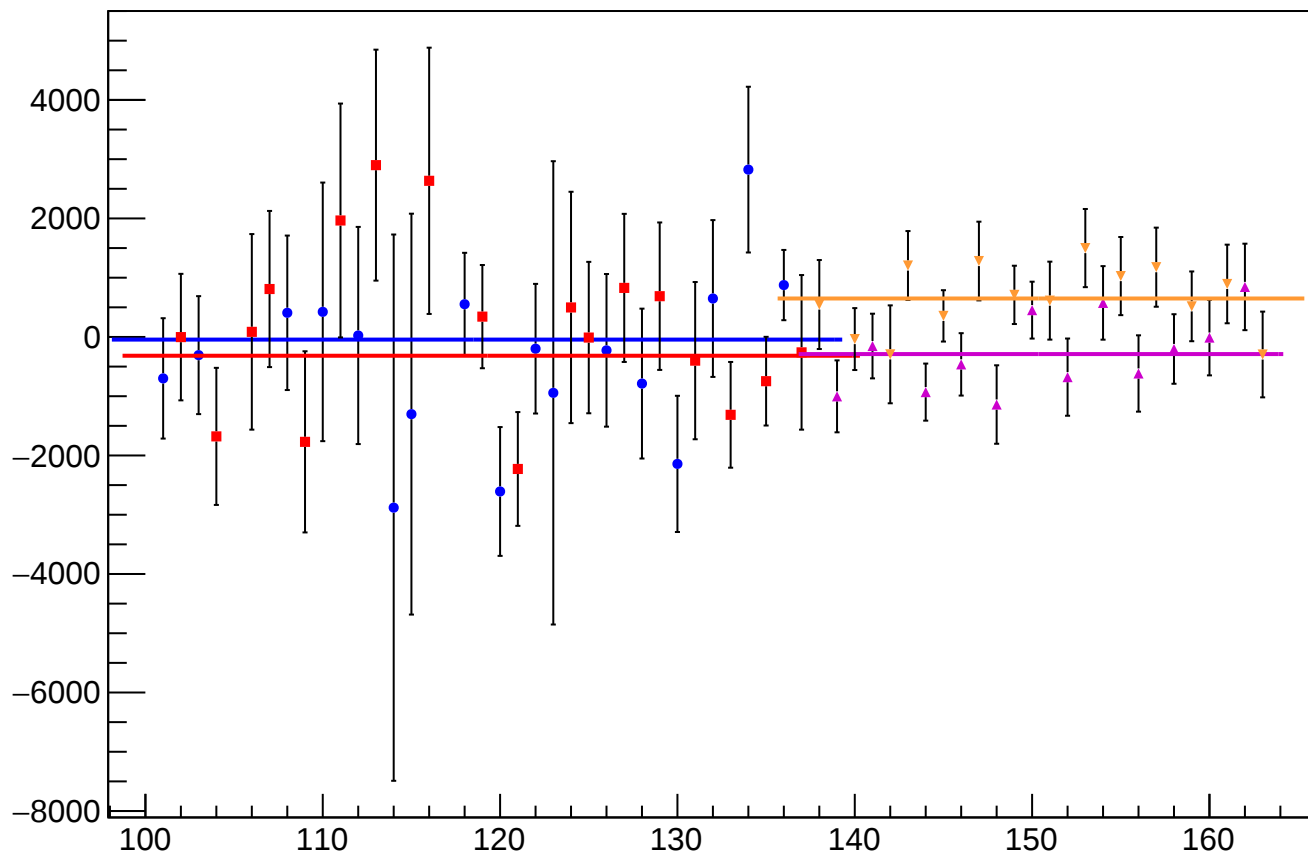
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.515 $\pm$ 0.019 χ^2 /NDF:629648.7/28

Out: 104.100 $\pm$ 0.018 χ^2 /NDF:1095072.1/31

All: 105.244 $\pm$ 0.013 χ^2 /NDF: 1733443.8/60

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 649.003 ± 162.636 $\chi^2/\text{NDF}: 9.8/13$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -288.870 ± 168.504 $\chi^2/\text{NDF}: 12.5/11$

Left: 196.682 ± 117.021 $\chi^2/\text{NDF}: 38.4/25$

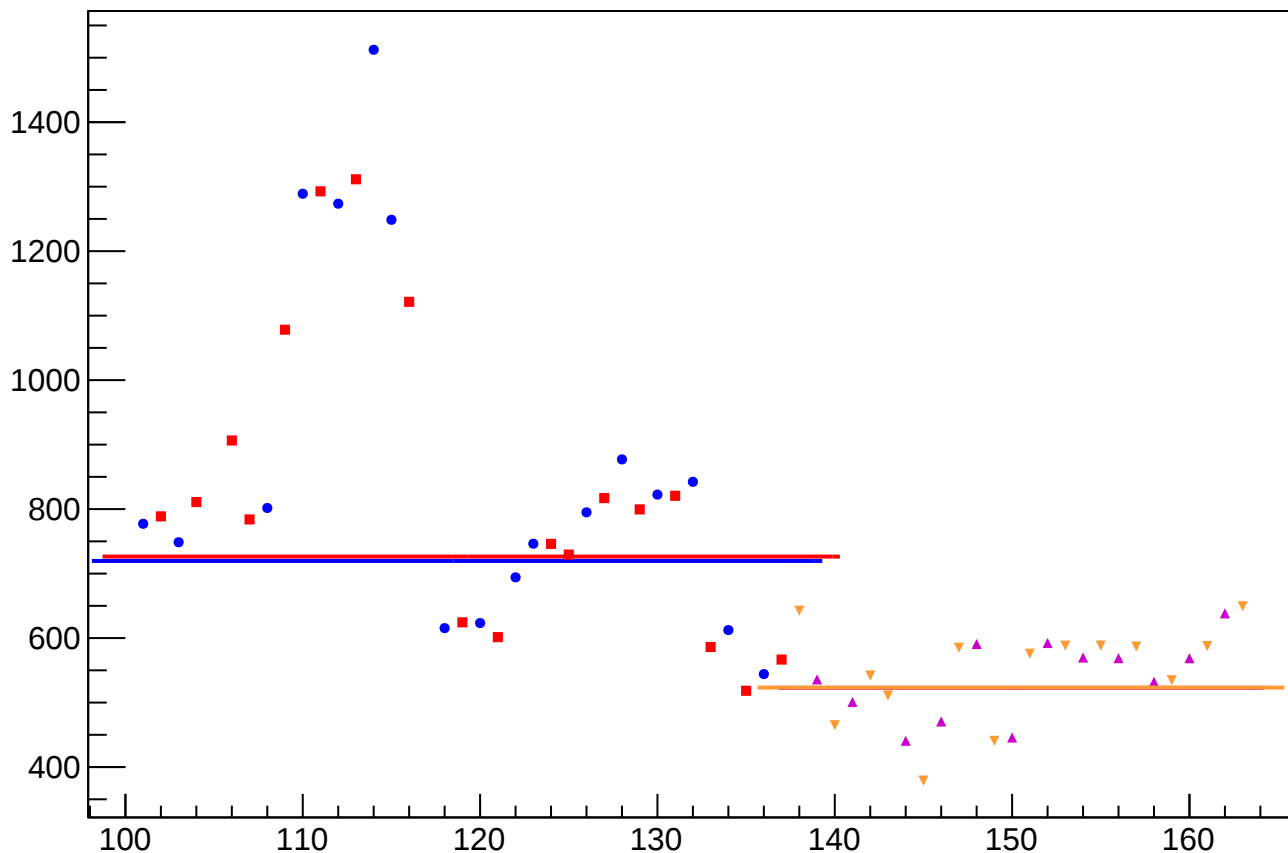
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -226.007 ± 145.217 $\chi^2/\text{NDF}: 31.0/28$

Out: 409.324 ± 141.023 $\chi^2/\text{NDF}: 35.4/31$

All: 100.965 ± 101.169 $\chi^2/\text{NDF}: 76.2/60$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 523.312 $\pm$ 0.115 χ^2 /NDF: 522854.0/13

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 522.742 $\pm$ 0.119 χ^2 /NDF: 259839.0/11

Left: 523.037 $\pm$ 0.083 χ^2 /NDF: 782704.9/25

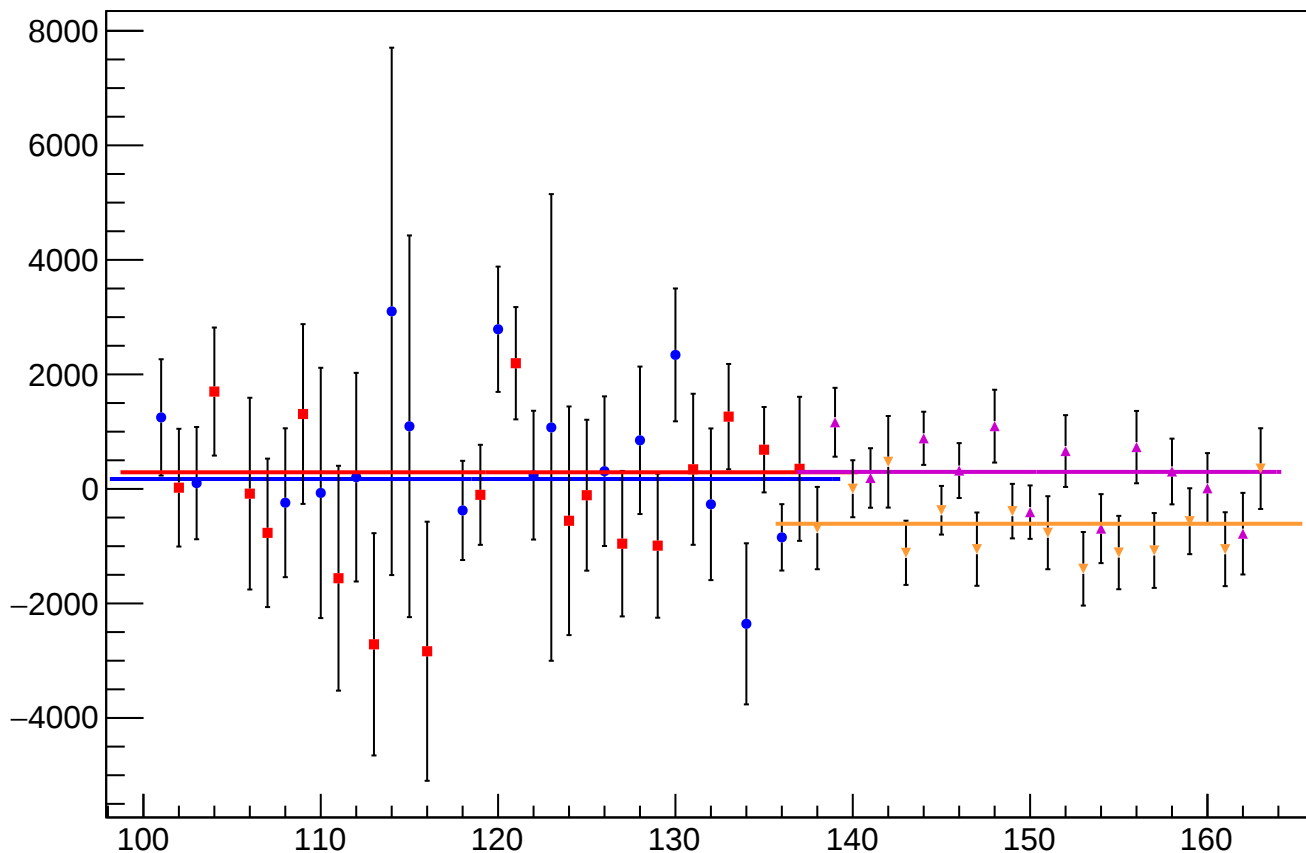
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 573.395 $\pm$ 0.103 χ^2 /NDF: 1709183.7/28

Out: 573.701 $\pm$ 0.100 χ^2 /NDF: 2177622.4/31

All: 573.552 $\pm$ 0.072 χ^2 /NDF: 3886810.6/60

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: -608.508 $\pm$ 157.704 χ^2 /NDF:10.2/13

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 297.220 $\pm$ 162.261 χ^2 /NDF:13.6/11

Left: -168.542 $\pm$ 113.090 χ^2 /NDF: 39.8/25

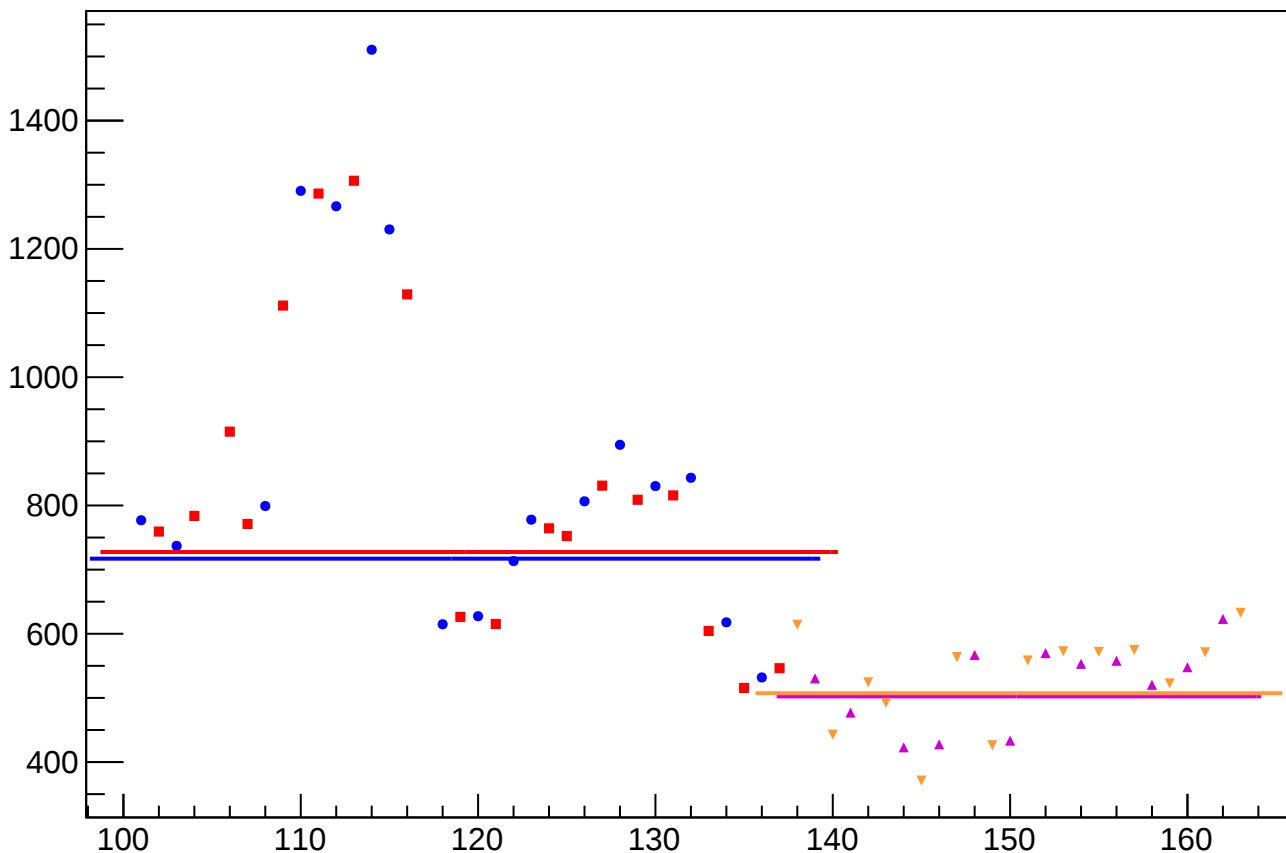
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 266.964 $\pm$ 141.090 χ^2 /NDF:31.8/28

Out: -396.040 $\pm$ 137.821 χ^2 /NDF:33.5/31

All: -72.308 $\pm$ 98.590 χ^2 /NDF: 76.7/60

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: 507.280 $\pm$ 0.112 χ^2/NDF : 518338.7/13

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 502.342 $\pm$ 0.115 χ^2/NDF : 303950.9/11

Left: 504.881 $\pm$ 0.080 χ^2/NDF : 823242.2/25

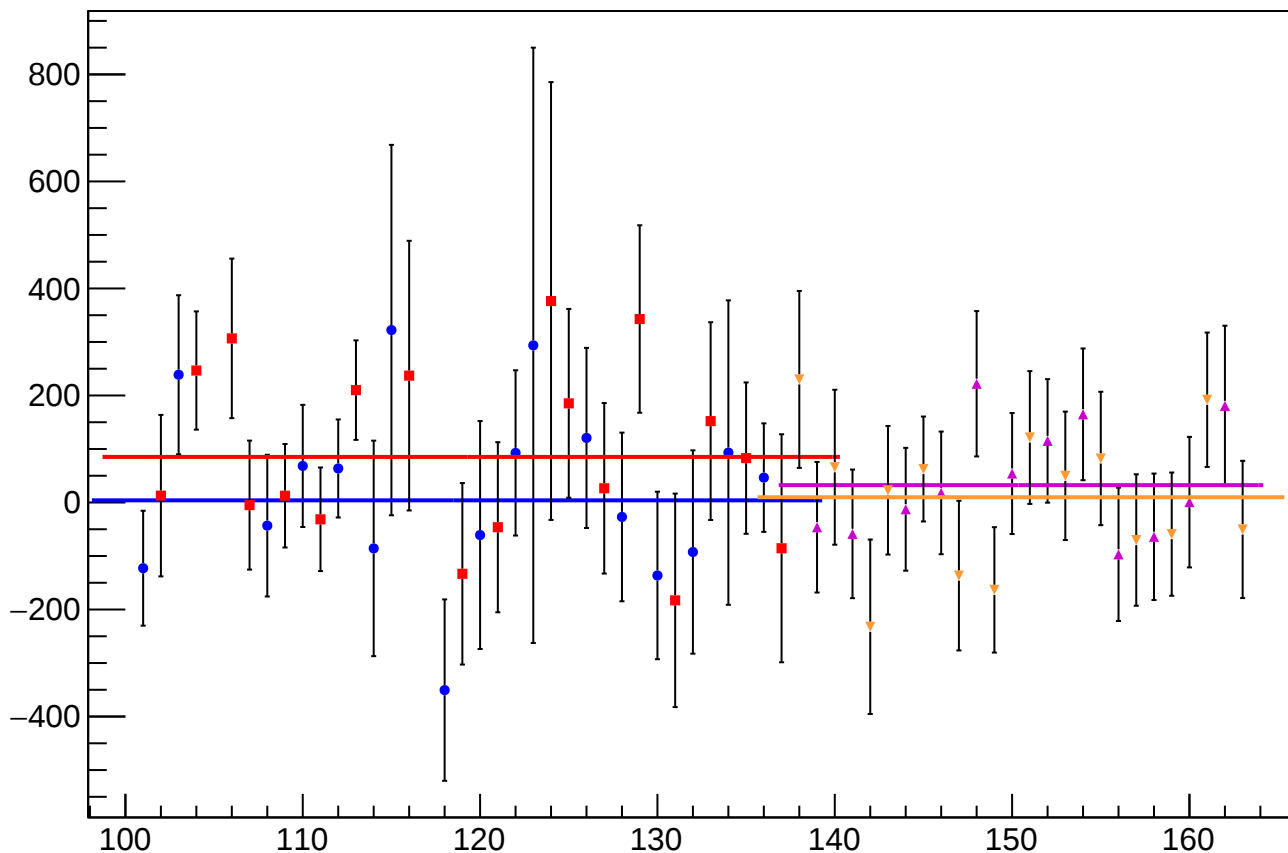
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 554.723 $\pm$ 0.100 χ^2/NDF : 1940850.8/28

Out: 559.306 $\pm$ 0.097 χ^2/NDF : 2320680.6/31

All: 557.068 $\pm$ 0.070 χ^2/NDF : 4262611.5/60

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 9.817 ± 33.636 χ^2/NDF : 12.1/13

Right Out: 85.205 ± 33.413 χ^2/NDF : 17.4/17

Left In: 32.445 ± 35.143 χ^2/NDF : 7.6/11

Left: 20.636 ± 24.299 χ^2/NDF : 19.9/25

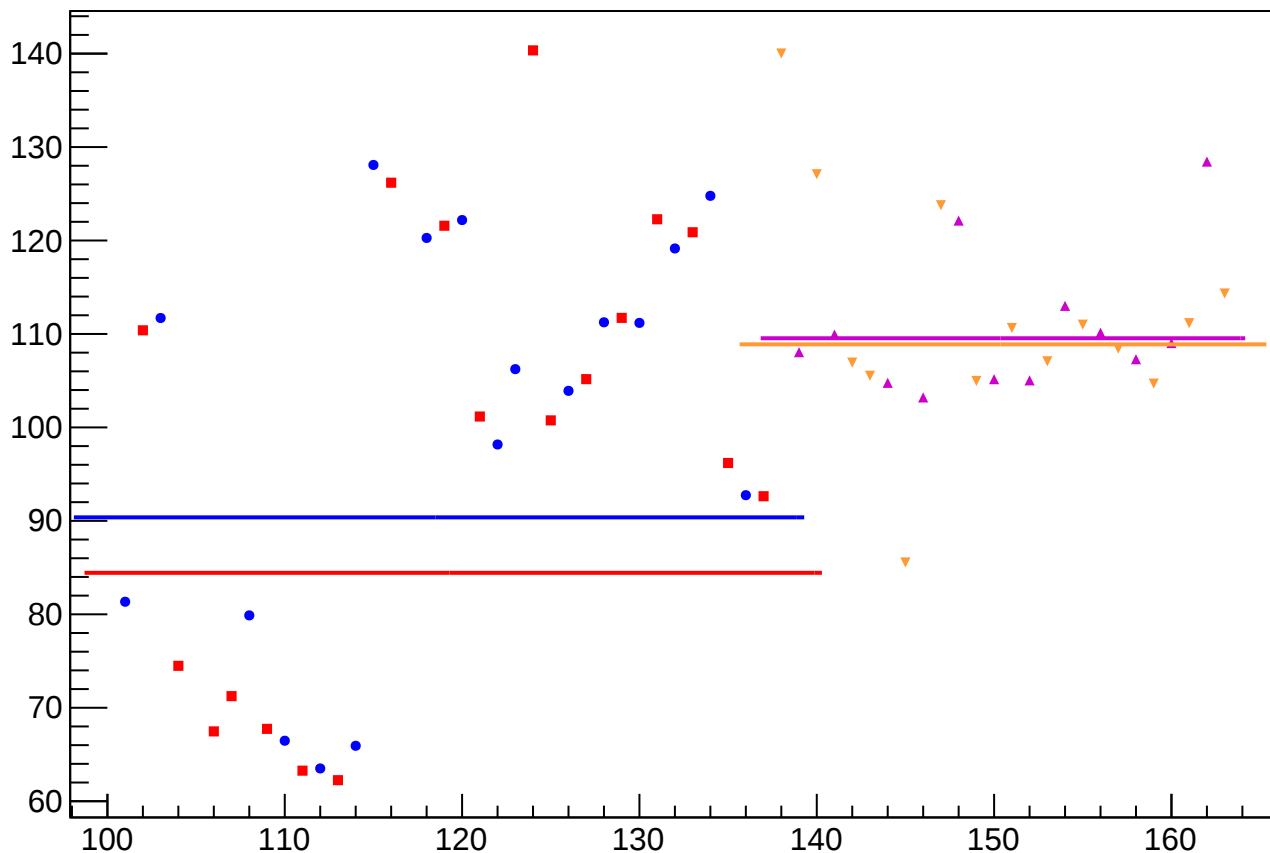
Right: 47.574 ± 24.474 χ^2/NDF : 32.8/34

In: 18.551 ± 25.130 χ^2/NDF : 20.6/28

Out: 47.762 ± 23.705 χ^2/NDF : 32.0/31

All: 34.008 ± 17.244 χ^2/NDF : 53.3/60

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.887+/-0.024 χ^2/NDF : 250918.9/13

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 109.539+/-0.025 χ^2/NDF : 67331.6/11

Left: 109.199+/-0.017 χ^2/NDF : 318609.7/25

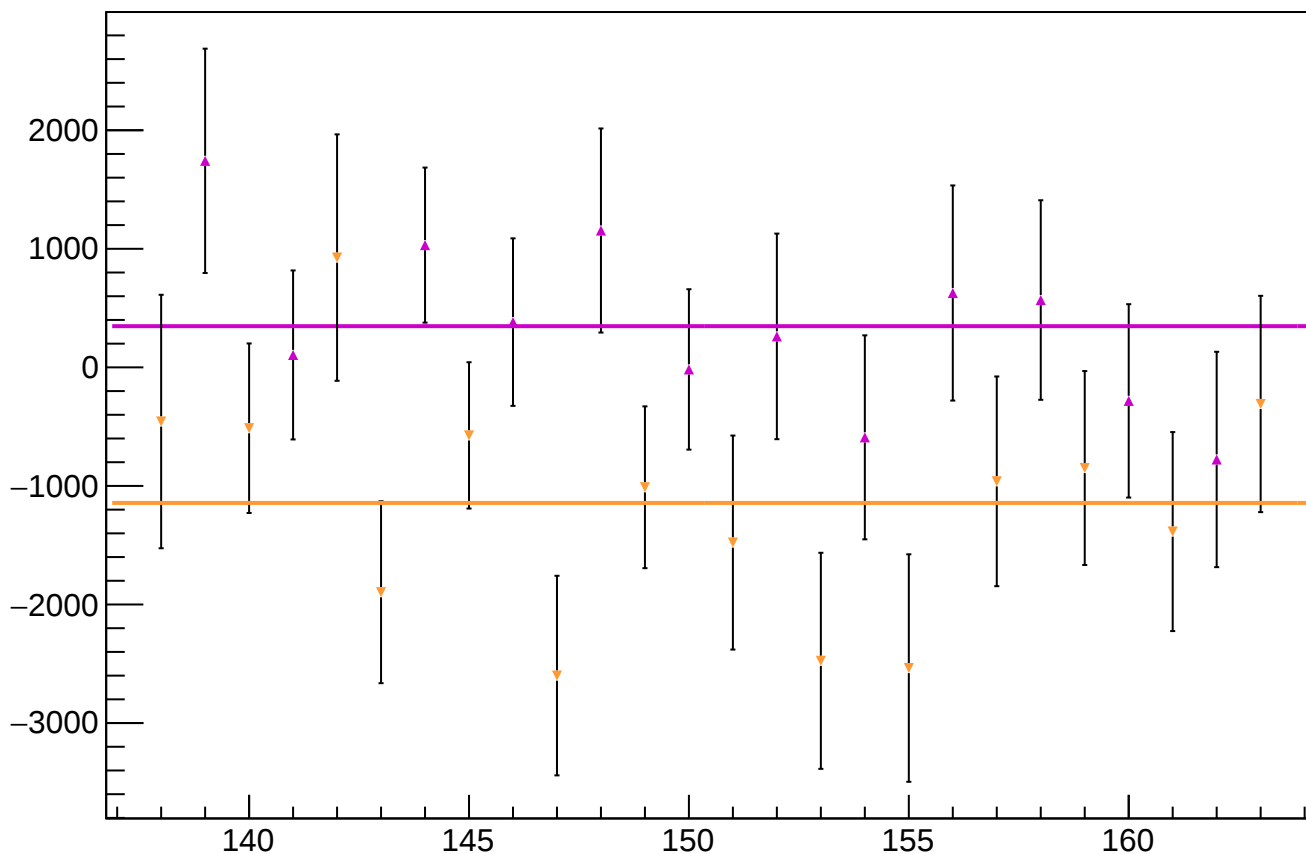
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 100.175+/-0.018 χ^2/NDF : 1012093.8/28

Out: 96.583+/-0.017 χ^2/NDF : 1653463.5/31

All: 98.274+/-0.012 χ^2/NDF : 2687171.3/60

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1143.331 ± 220.557 $\chi^2/\text{NDF}: 15.5/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 347.360 ± 229.483 $\chi^2/\text{NDF}: 8.0/11$

Left: -427.541 ± 159.019 $\chi^2/\text{NDF}: 45.5/25$

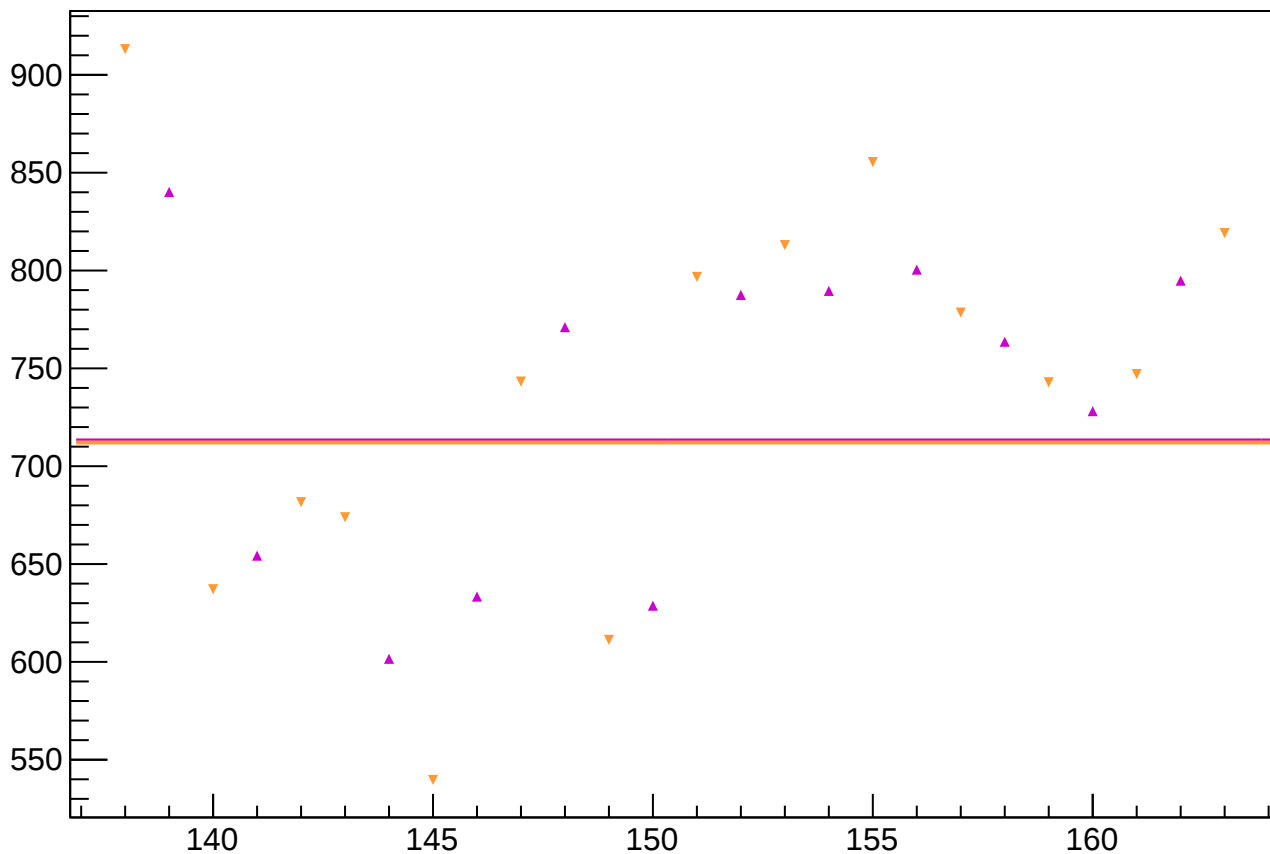
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 347.360 ± 229.483 $\chi^2/\text{NDF}: 8.0/11$

Out: -1143.331 ± 220.557 $\chi^2/\text{NDF}: 15.5/13$

All: -427.541 ± 159.019 $\chi^2/\text{NDF}: 45.5/25$

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.162+/-0.162 χ^2/NDF :246714.3/11

Left: 712.631+/-0.112 χ^2/NDF : 680685.2/25

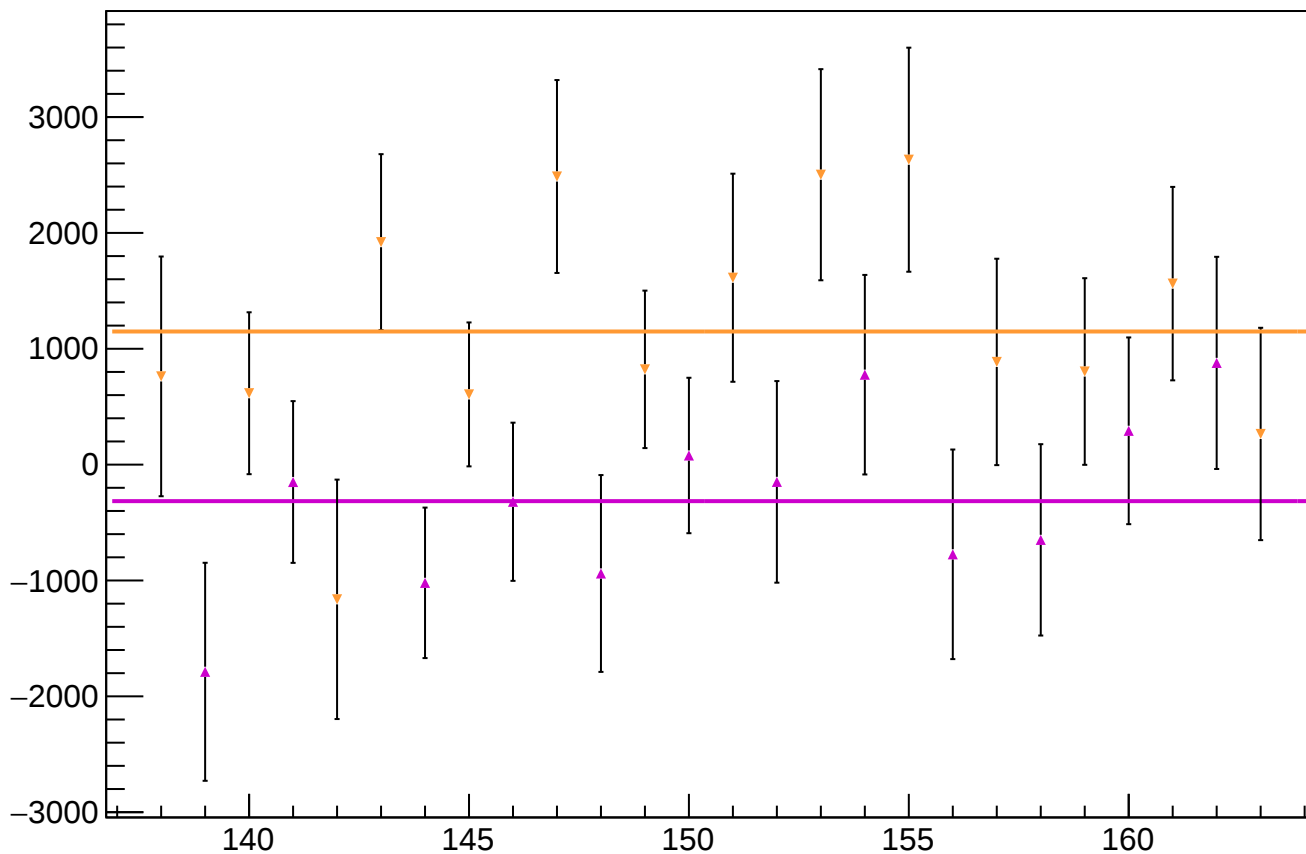
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.162+/-0.162 χ^2/NDF :246714.3/11

Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

All: 712.631+/-0.112 χ^2/NDF : 680685.2/25

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1149.151+/-219.293 χ^2/NDF :16.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -315.131+/-227.054 χ^2/NDF :8.9/11

Left: 442.462+/-157.736 χ^2/NDF : 47.0/25

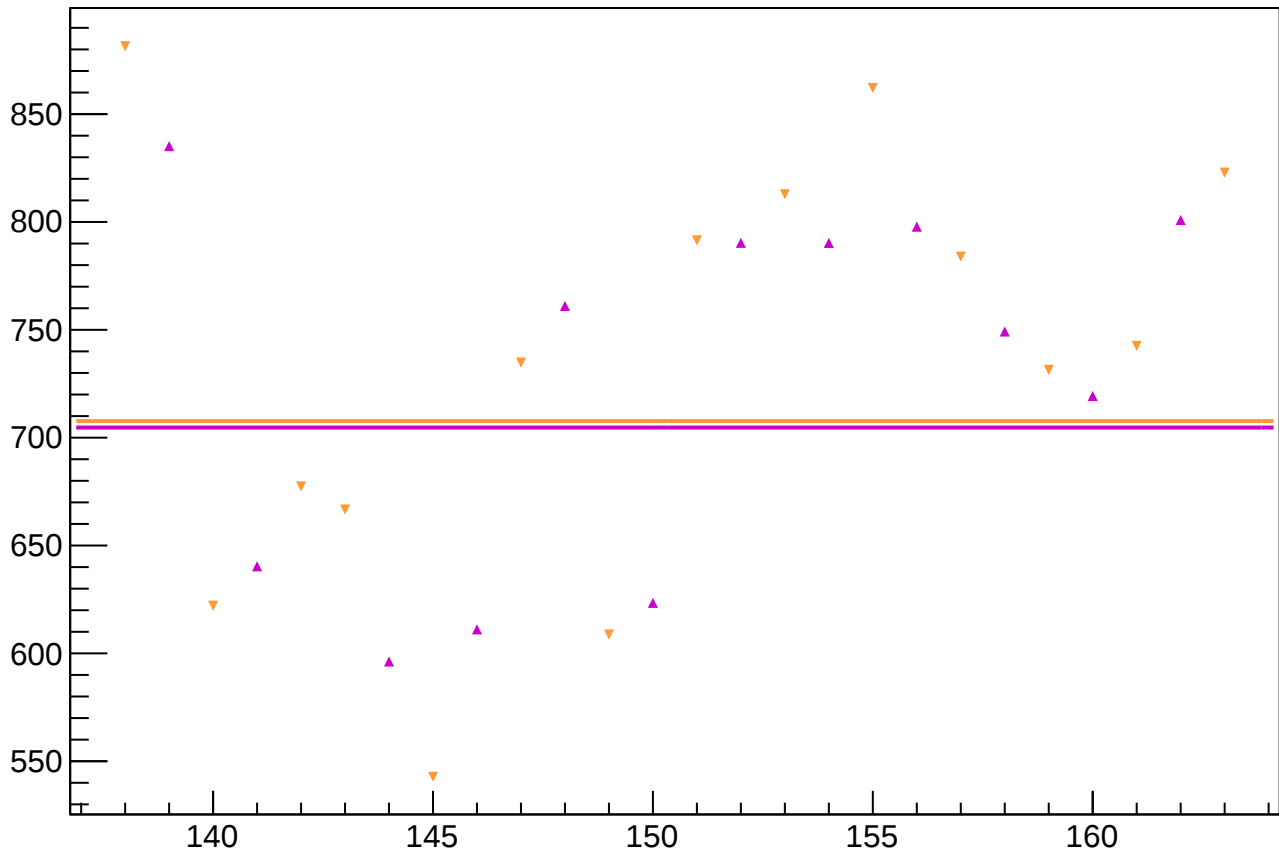
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -315.131+/-227.054 χ^2/NDF :8.9/11

Out: 1149.151+/-219.293 χ^2/NDF :16.6/13

All: 442.462+/-157.736 χ^2/NDF : 47.0/25

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 707.705+/-0.155 χ^2/NDF :426060.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Left: 706.254+/-0.112 χ^2/NDF : 702113.5/25

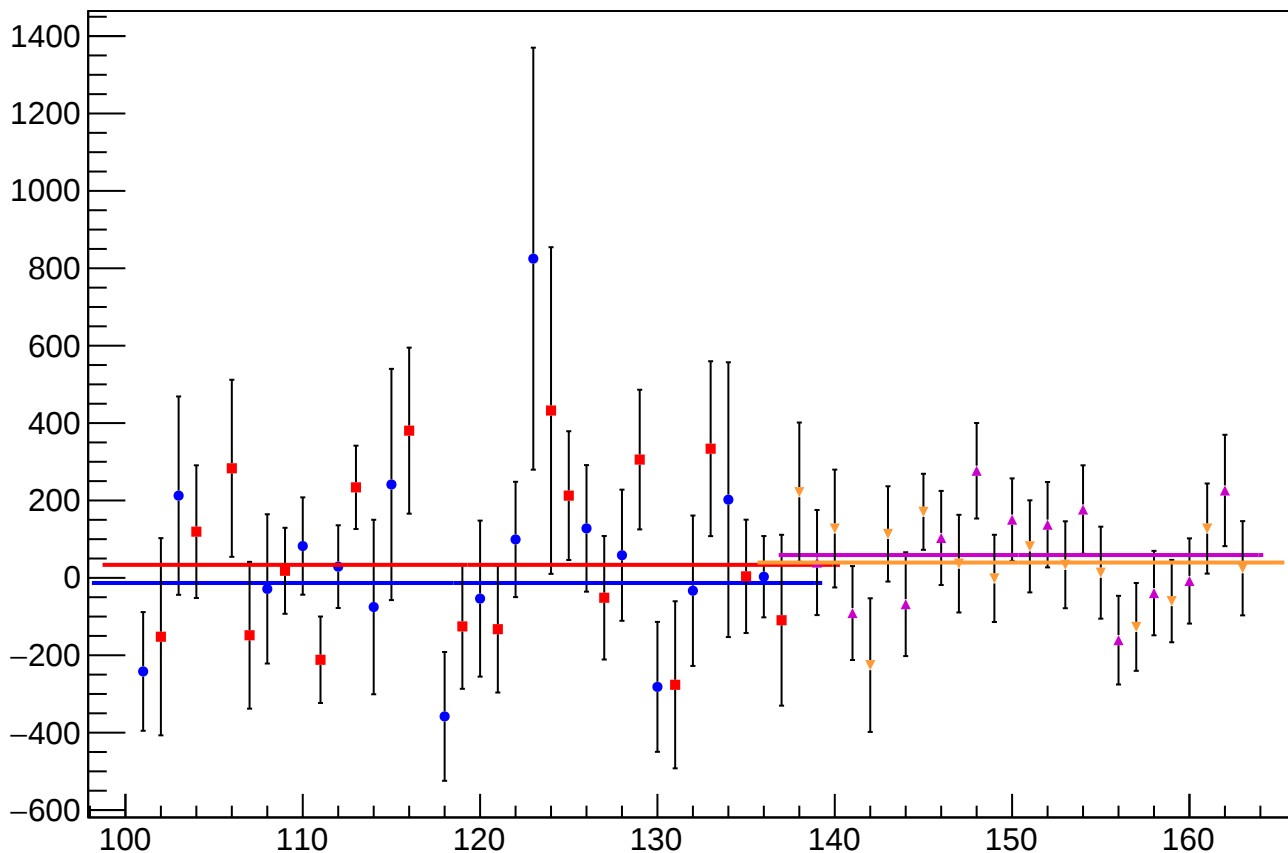
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Out: 707.705+/-0.155 χ^2/NDF :426060.8/13

All: 706.254+/-0.112 χ^2/NDF : 702113.5/25

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 39.614 ± 32.506 χ^2/NDF : 9.8/13

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 59.002 ± 34.322 χ^2/NDF : 14.2/11

Left: 48.782 ± 23.601 χ^2/NDF : 24.1/25

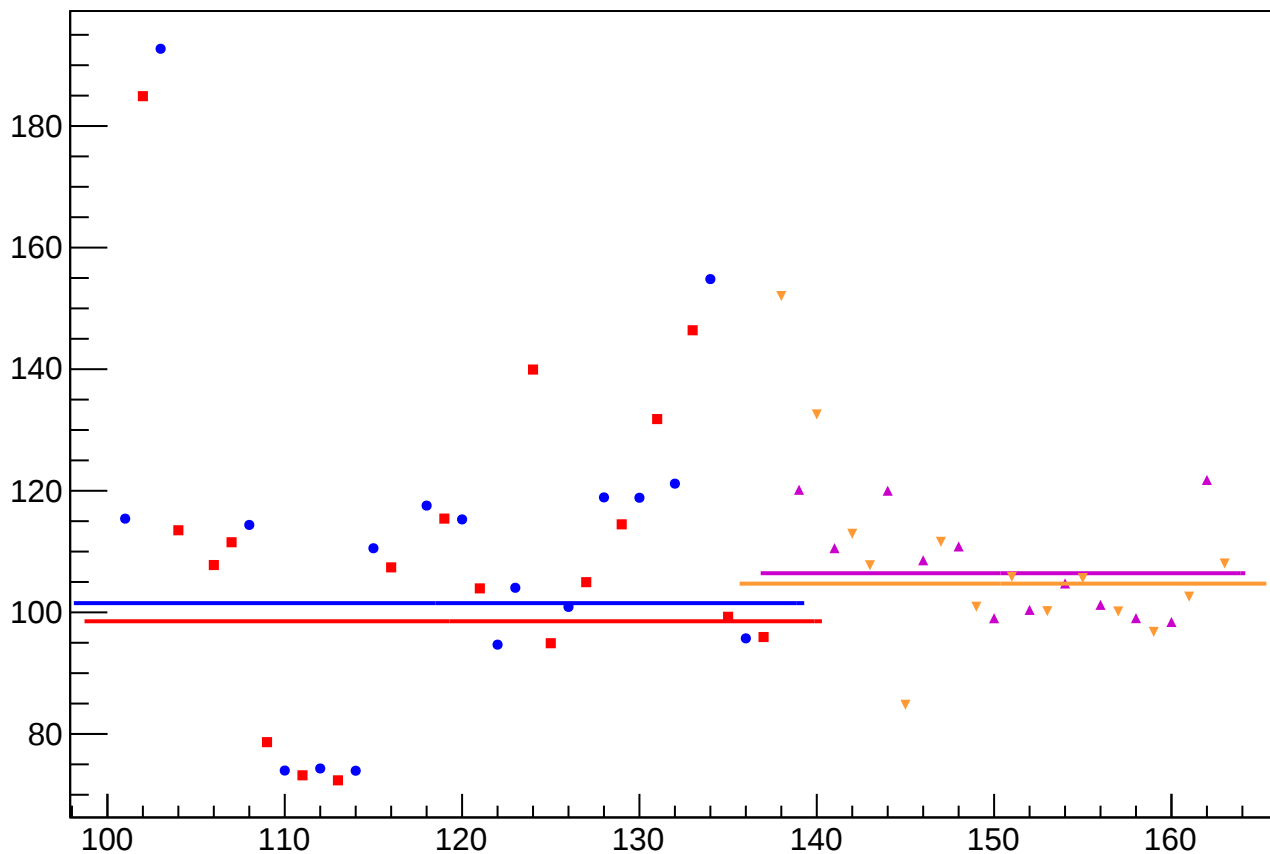
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 28.863 ± 26.199 χ^2/NDF : 31.7/28

Out: 37.156 ± 24.941 χ^2/NDF : 34.5/31

All: 33.213 ± 18.064 χ^2/NDF : 66.3/60

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: 104.727 $\pm$ 0.023 χ^2 /NDF: 321244.3/13

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 106.439 $\pm$ 0.024 χ^2 /NDF: 109121.5/11

Left: 105.537 $\pm$ 0.017 χ^2 /NDF: 432990.2/25

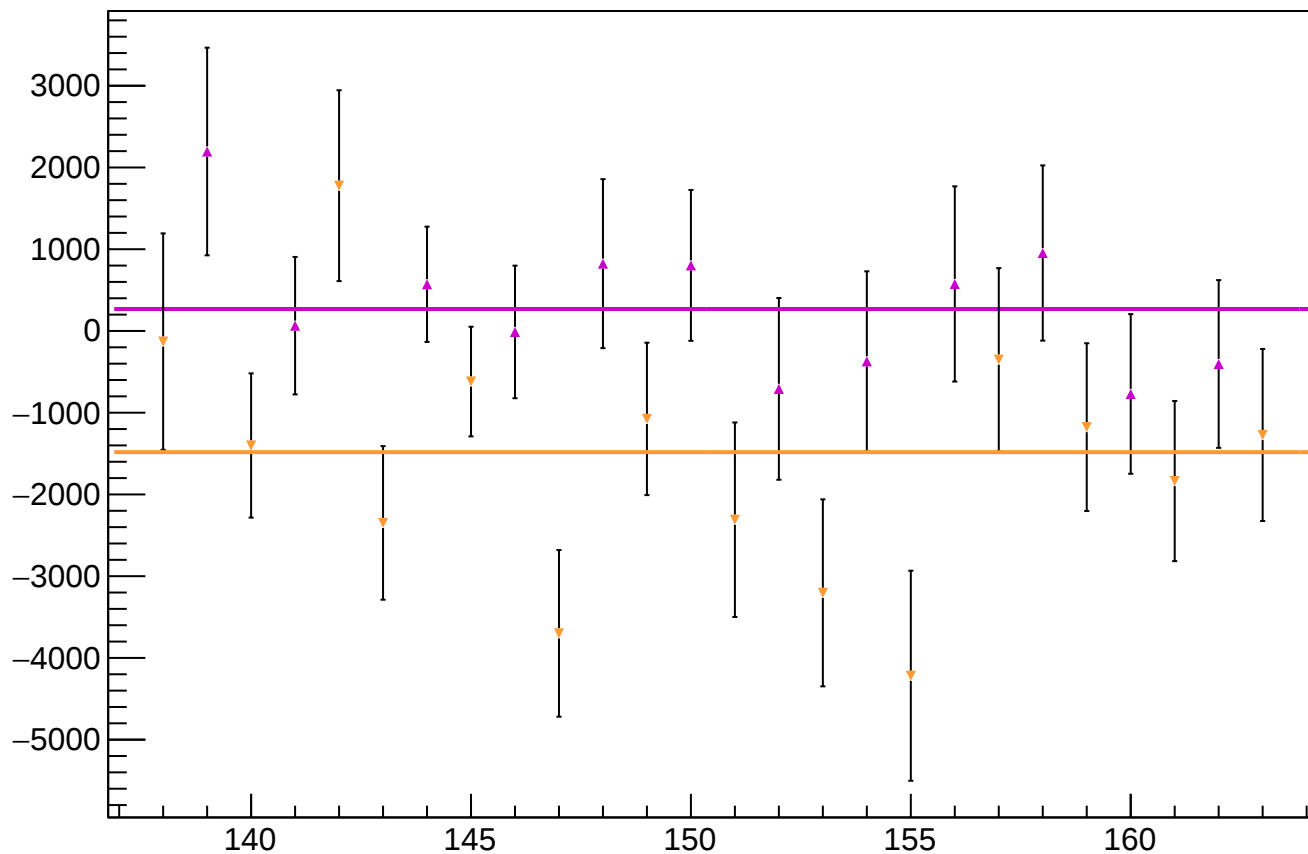
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.386 $\pm$ 0.019 χ^2 /NDF: 807988.5/28

Out: 102.181 $\pm$ 0.018 χ^2 /NDF: 1098054.9/31

All: 103.229 $\pm$ 0.013 χ^2 /NDF: 1913474.7/60

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.485+/-278.623 χ^2/NDF :6.4/11

Left: -638.071+/-193.496 χ^2/NDF : 51.7/25

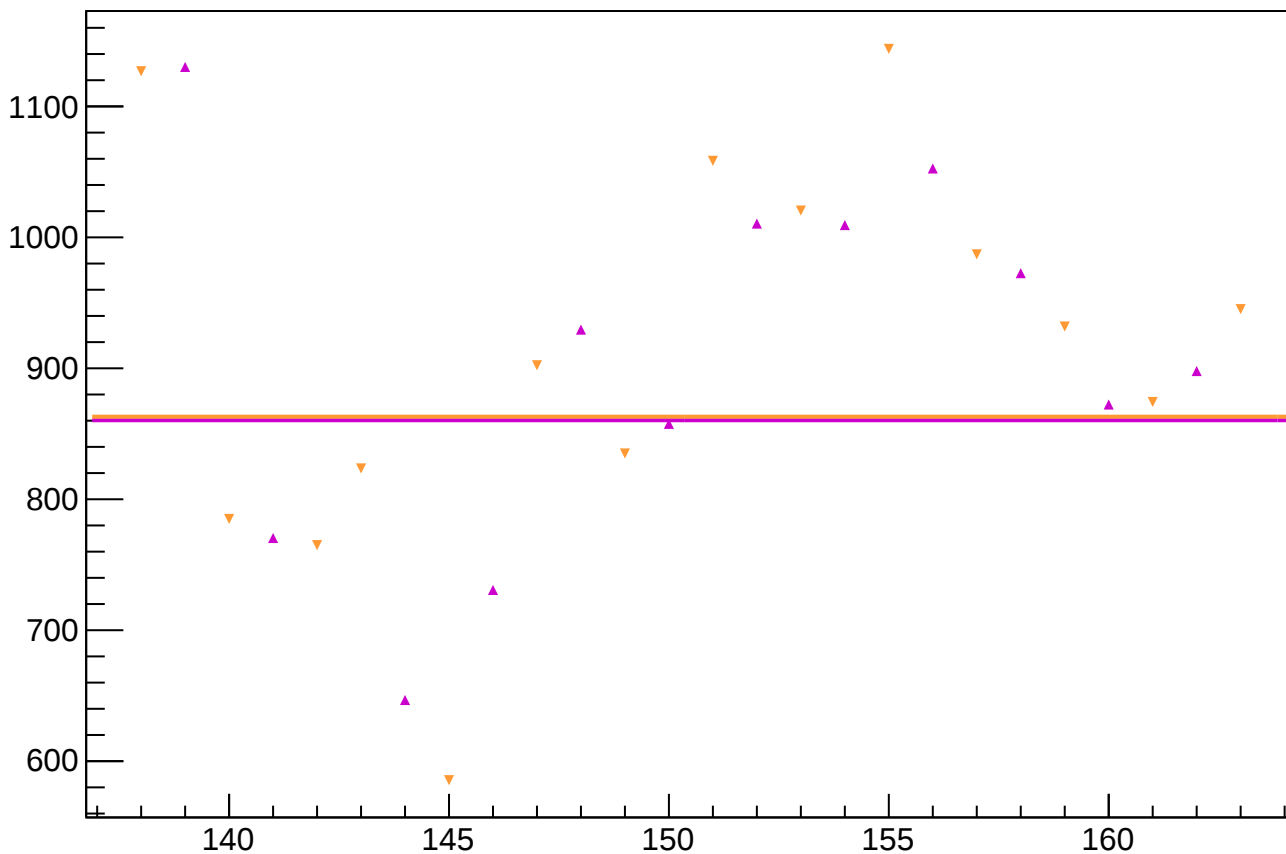
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.485+/-278.623 χ^2/NDF :6.4/11

Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

All: -638.071+/-193.496 χ^2/NDF : 51.7/25

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.073+/-0.190 χ^2/NDF :693516.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 860.335+/-0.197 χ^2/NDF :506714.7/11

Left: 861.753+/-0.137 χ^2/NDF : 1200330.8/25

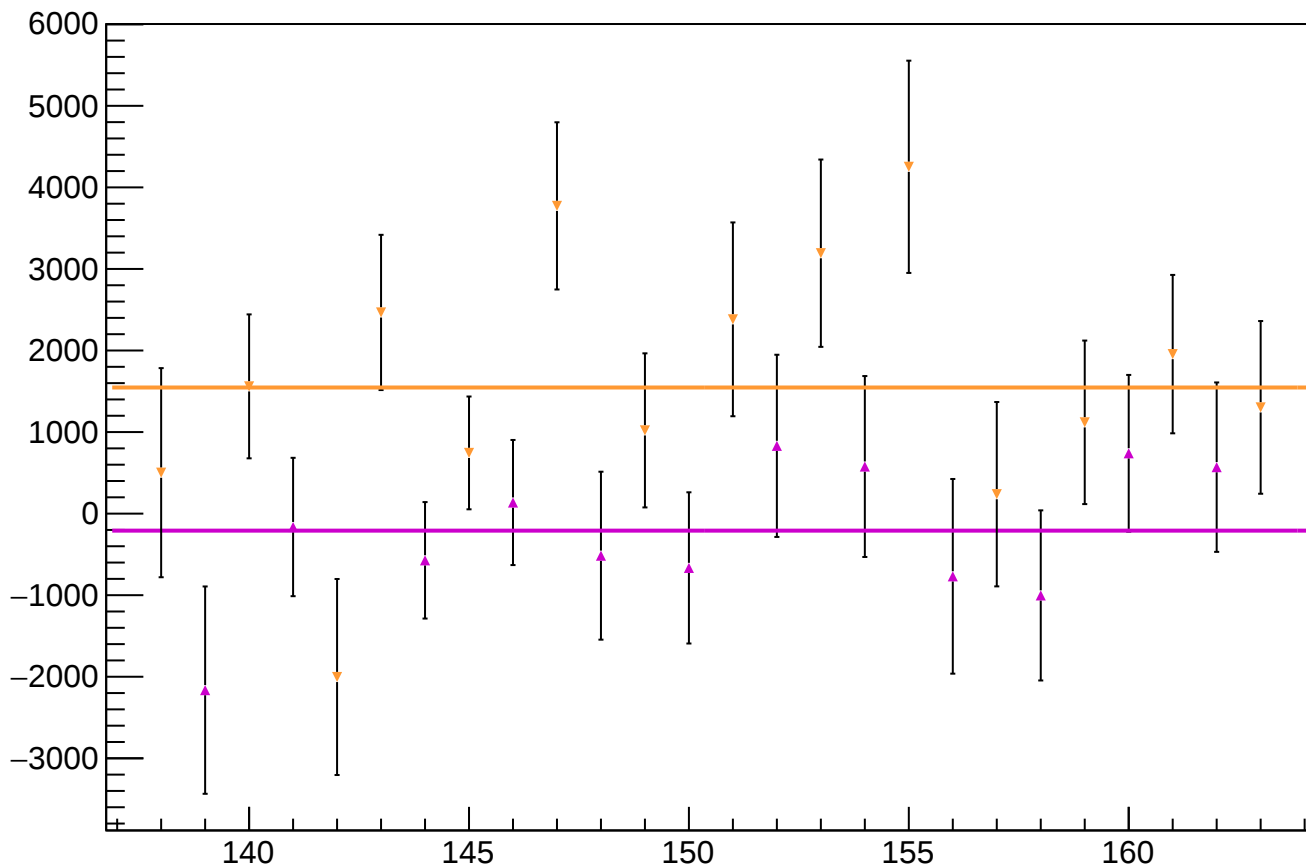
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 860.335+/-0.197 χ^2/NDF :506714.7/11

Out: 863.073+/-0.190 χ^2/NDF :693516.1/13

All: 861.753+/-0.137 χ^2/NDF : 1200330.8/25

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -208.567+/-277.097 χ^2/NDF :6.9/11

Left: 689.232+/-193.656 χ^2/NDF : 52.7/25

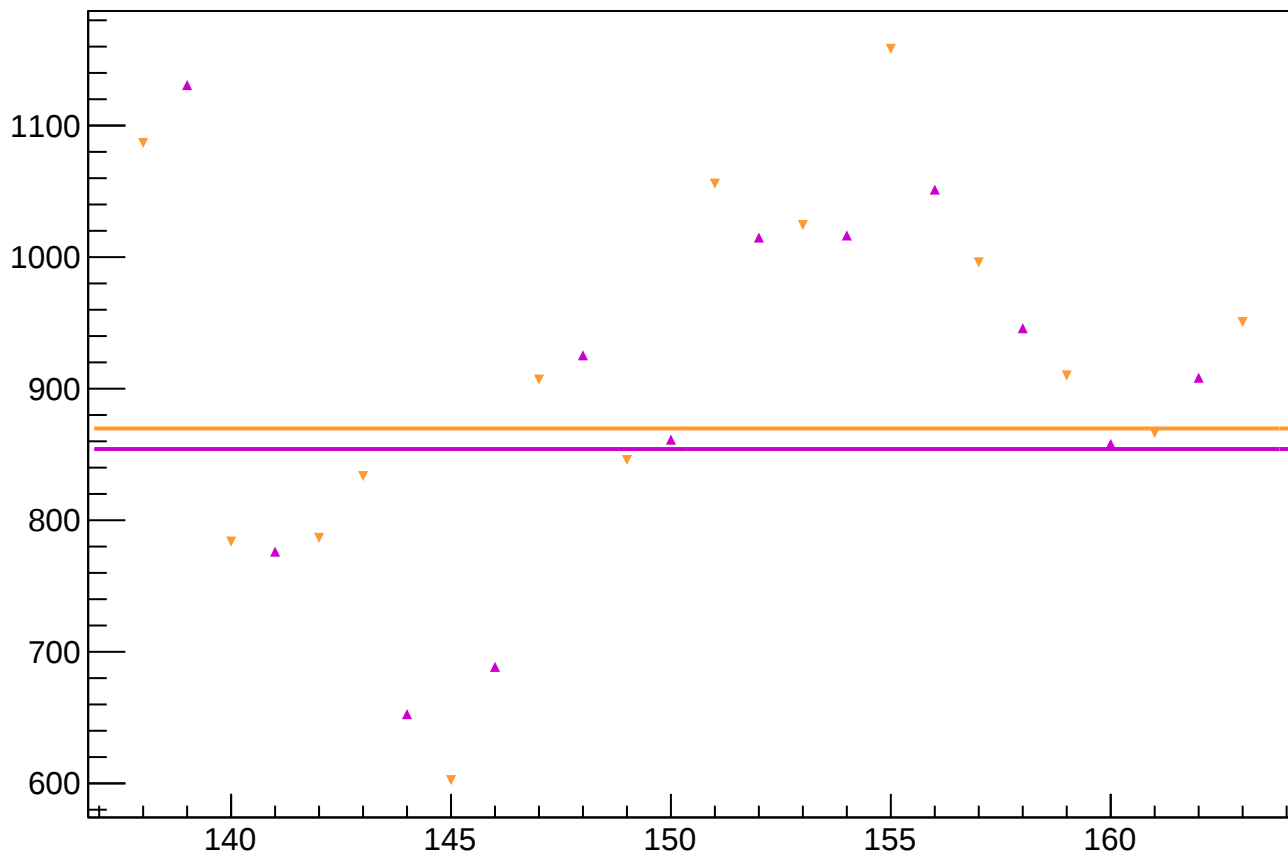
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.567+/-277.097 χ^2/NDF :6.9/11

Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

All: 689.232+/-193.656 χ^2/NDF : 52.7/25

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Left: 862.129+/-0.137 χ^2/NDF : 1151911.3/25

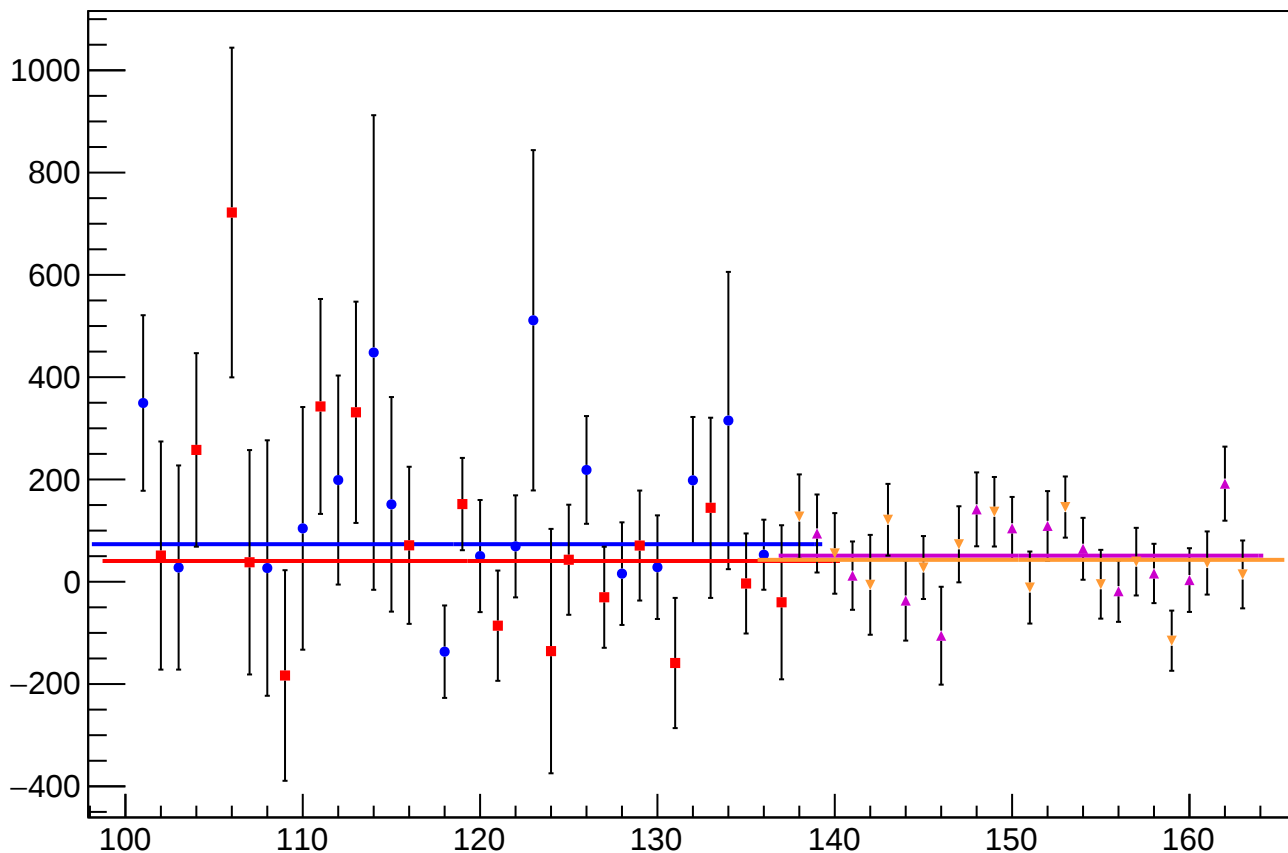
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

All: 862.129+/-0.137 χ^2/NDF : 1151911.3/25

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: 42.818 $\pm$ 18.297 χ^2 /NDF:16.2/13

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 51.006 $\pm$ 19.466 χ^2 /NDF:13.8/11

Left: 46.659 $\pm$ 13.332 χ^2 /NDF: 30.1/25

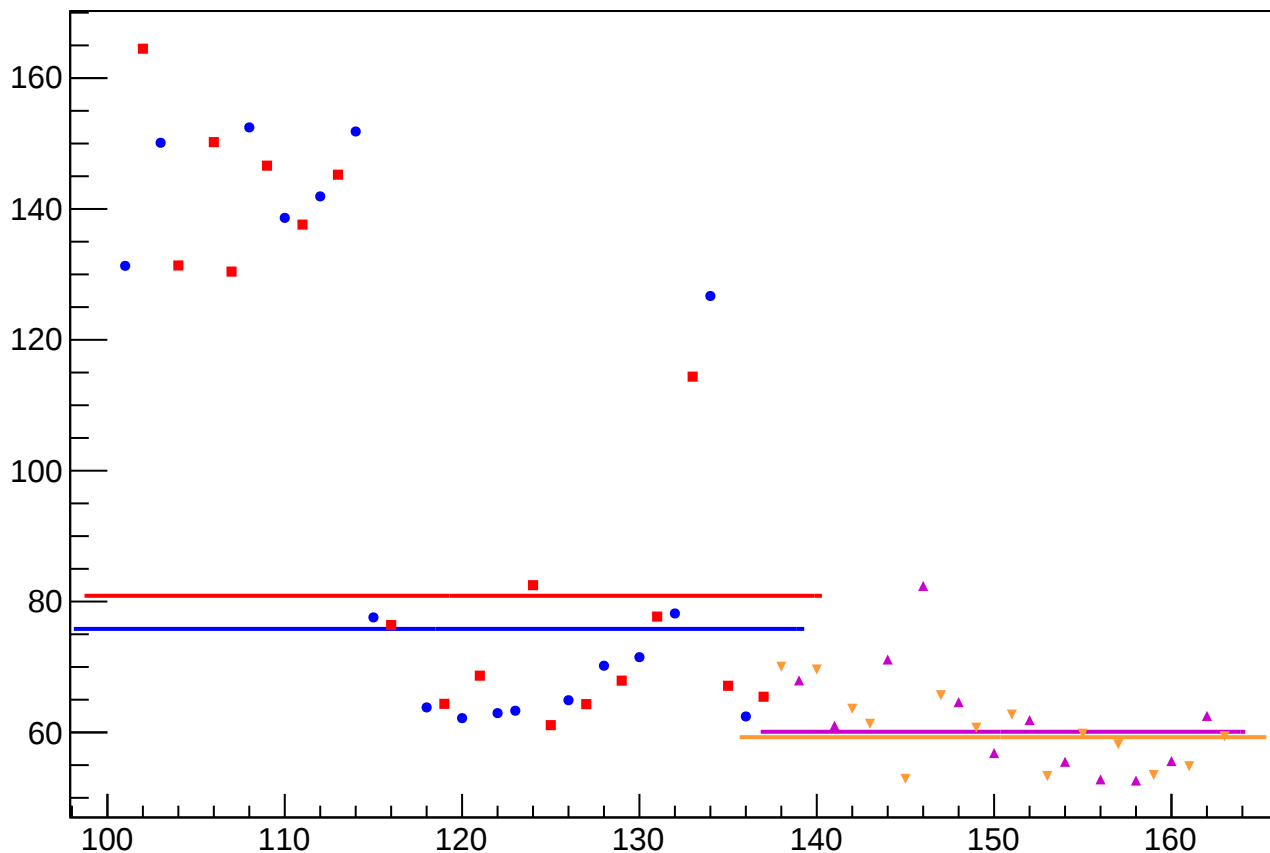
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 57.335 $\pm$ 16.495 χ^2 /NDF:29.4/28

Out: 42.289 $\pm$ 15.973 χ^2 /NDF:34.4/31

All: 49.570 $\pm$ 11.474 χ^2 /NDF: 64.3/60

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: 59.272 $\pm$ 0.013 χ^2 /NDF:166248.9/13

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 60.098 $\pm$ 0.014 χ^2 /NDF:271281.2/11

Left: 59.659 $\pm$ 0.009 χ^2 /NDF: 439439.6/25

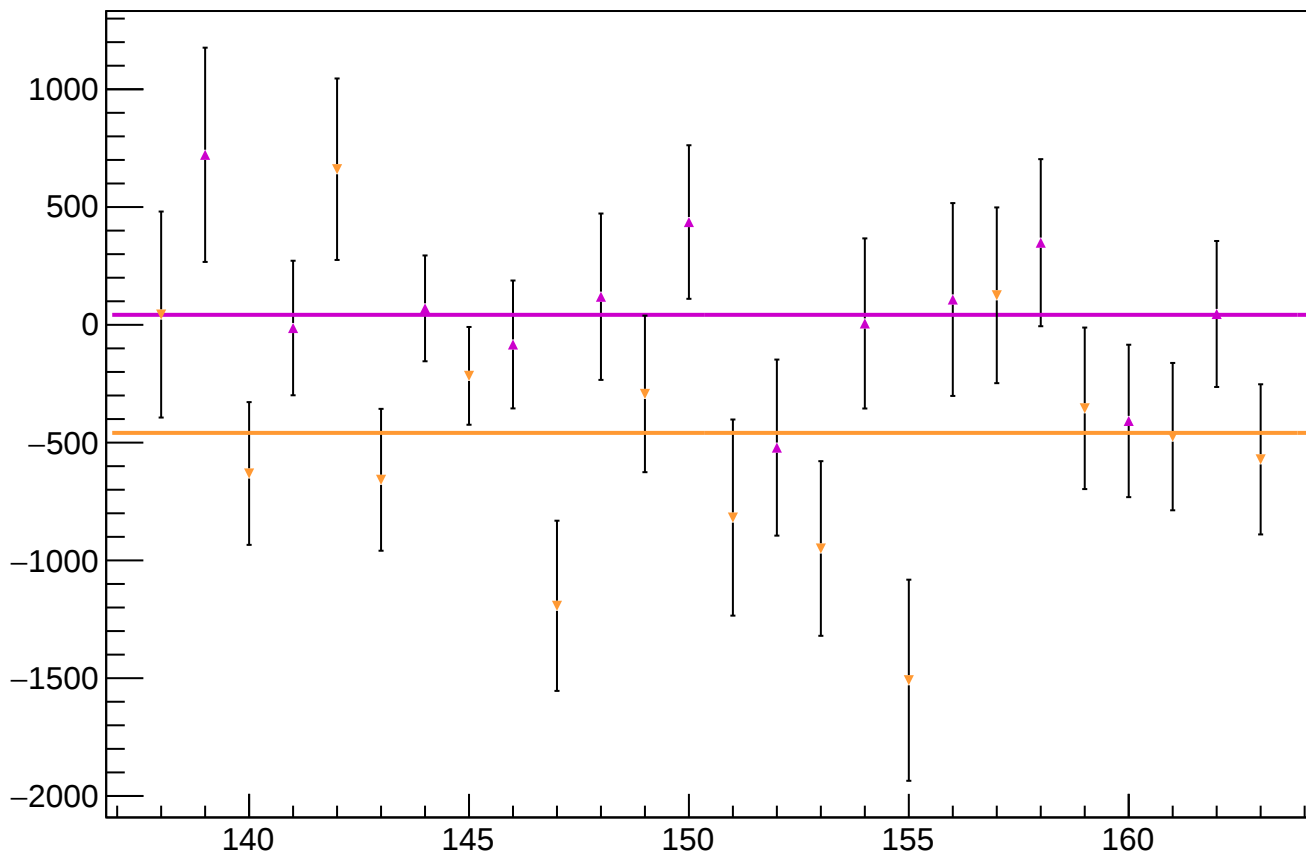
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 64.531 $\pm$ 0.012 χ^2 /NDF:1989164.1/28

Out: 64.414 $\pm$ 0.011 χ^2 /NDF:2356057.5/31

All: 64.471 $\pm$ 0.008 χ^2 /NDF: 4345274.2/60

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -458.678 $\pm$ 88.344 χ^2 /NDF:27.5/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 42.463 $\pm$ 92.589 χ^2 /NDF:9.0/11

Left: -219.857 $\pm$ 63.917 χ^2 /NDF: 51.8/25

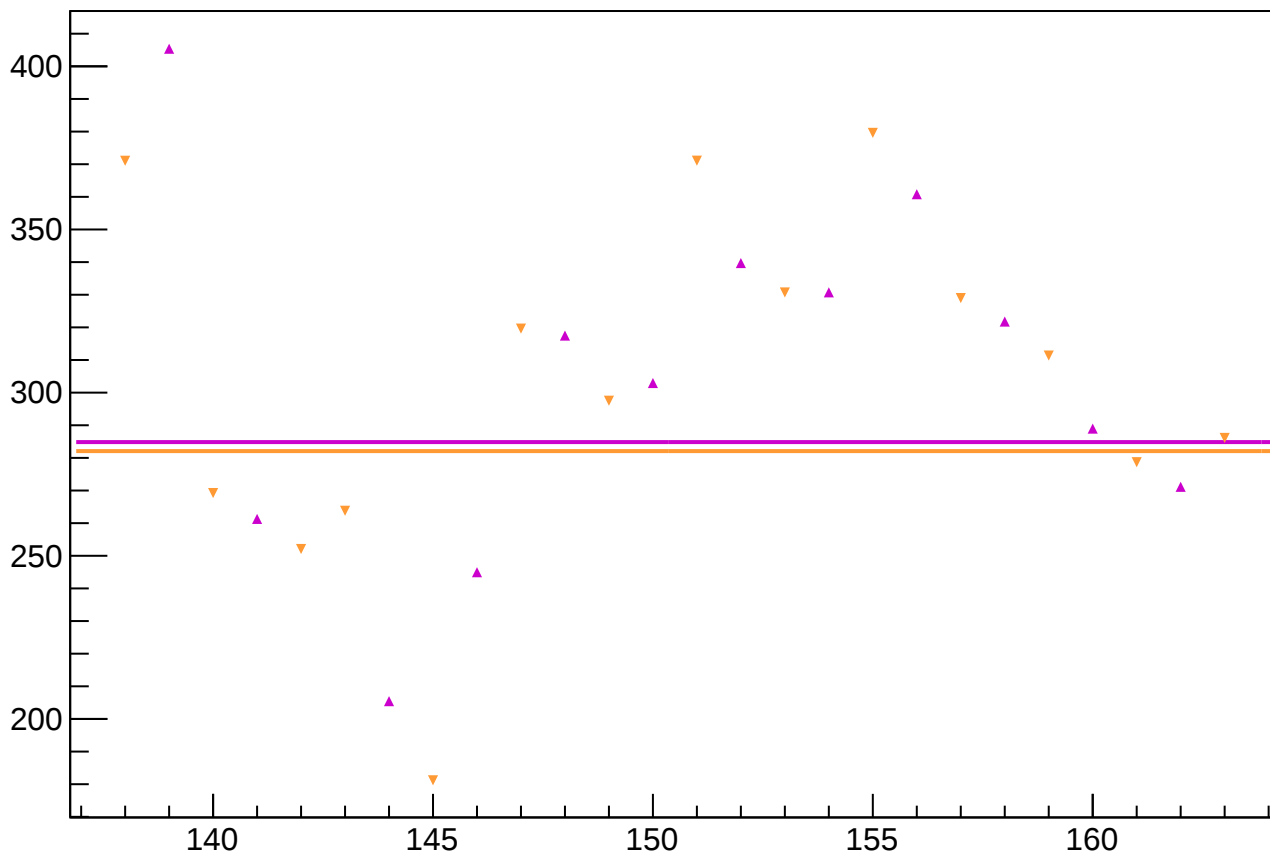
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.463 $\pm$ 92.589 χ^2 /NDF:9.0/11

Out: -458.678 $\pm$ 88.344 χ^2 /NDF:27.5/13

All: -219.857 $\pm$ 63.917 χ^2 /NDF: 51.8/25

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.083+/-0.062 χ^2/NDF :881468.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 284.843+/-0.065 χ^2/NDF :640749.3/11

Left: 283.398+/-0.045 χ^2/NDF : 1523147.9/25

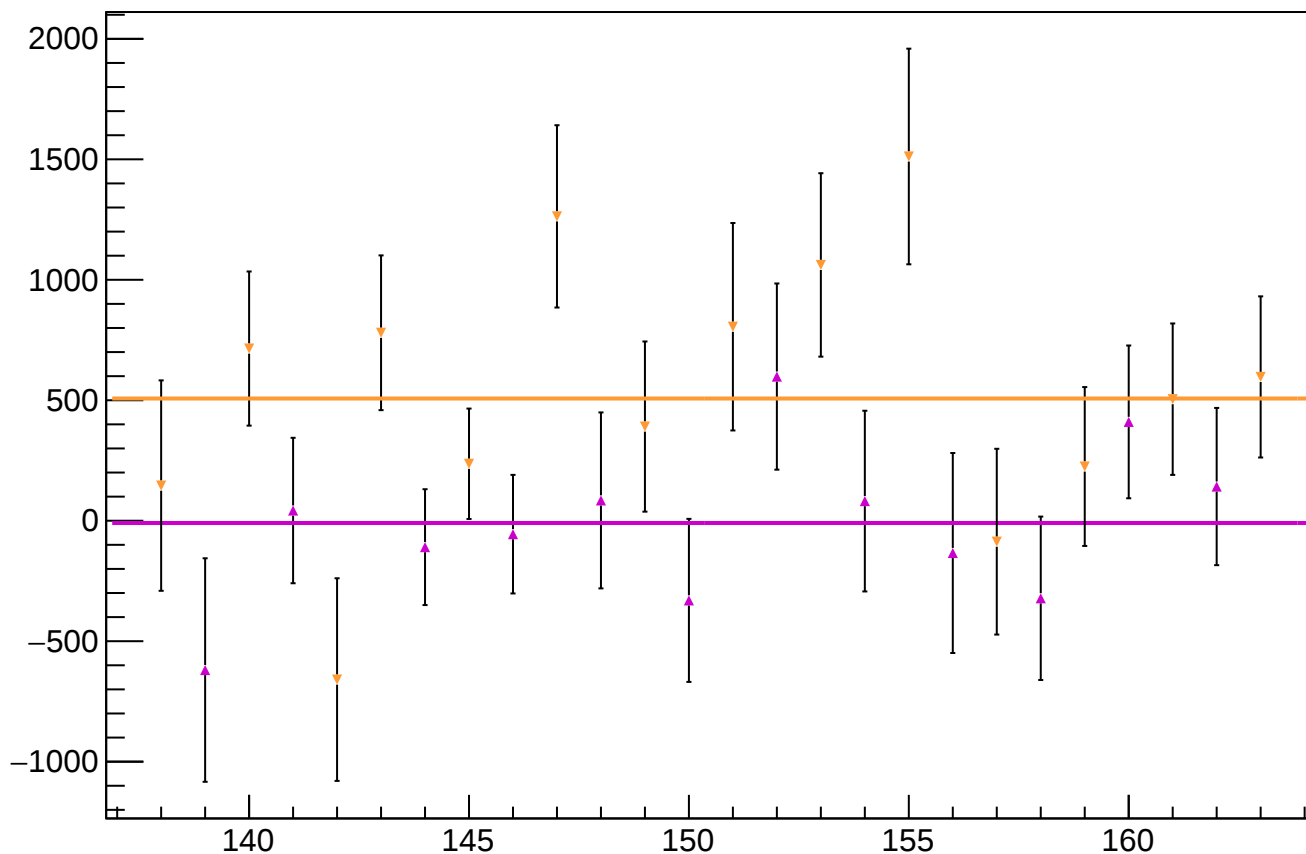
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.843+/-0.065 χ^2/NDF :640749.3/11

Out: 282.083+/-0.062 χ^2/NDF :881468.0/13

All: 283.398+/-0.045 χ^2/NDF : 1523147.9/25

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 507.223+/-92.564 χ^2/NDF :25.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.388+/-93.933 χ^2/NDF :8.4/11

Left: 252.711+/-65.931 χ^2/NDF : 49.6/25

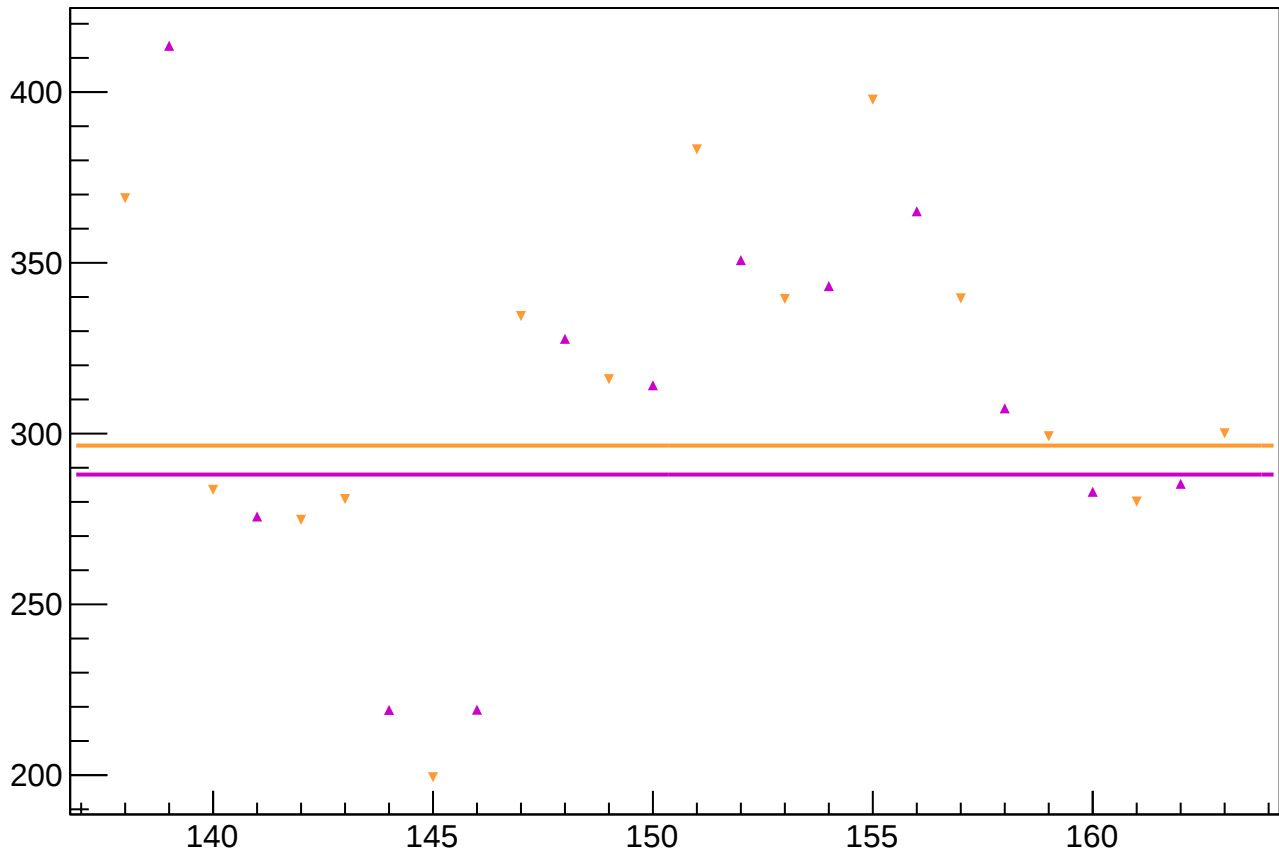
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.388+/-93.933 χ^2/NDF :8.4/11

Out: 507.223+/-92.564 χ^2/NDF :25.8/13

All: 252.711+/-65.931 χ^2/NDF : 49.6/25

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.492+/-0.065 χ^2/NDF : 693832.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Left: 292.313+/-0.047 χ^2/NDF : 1380777.3/25

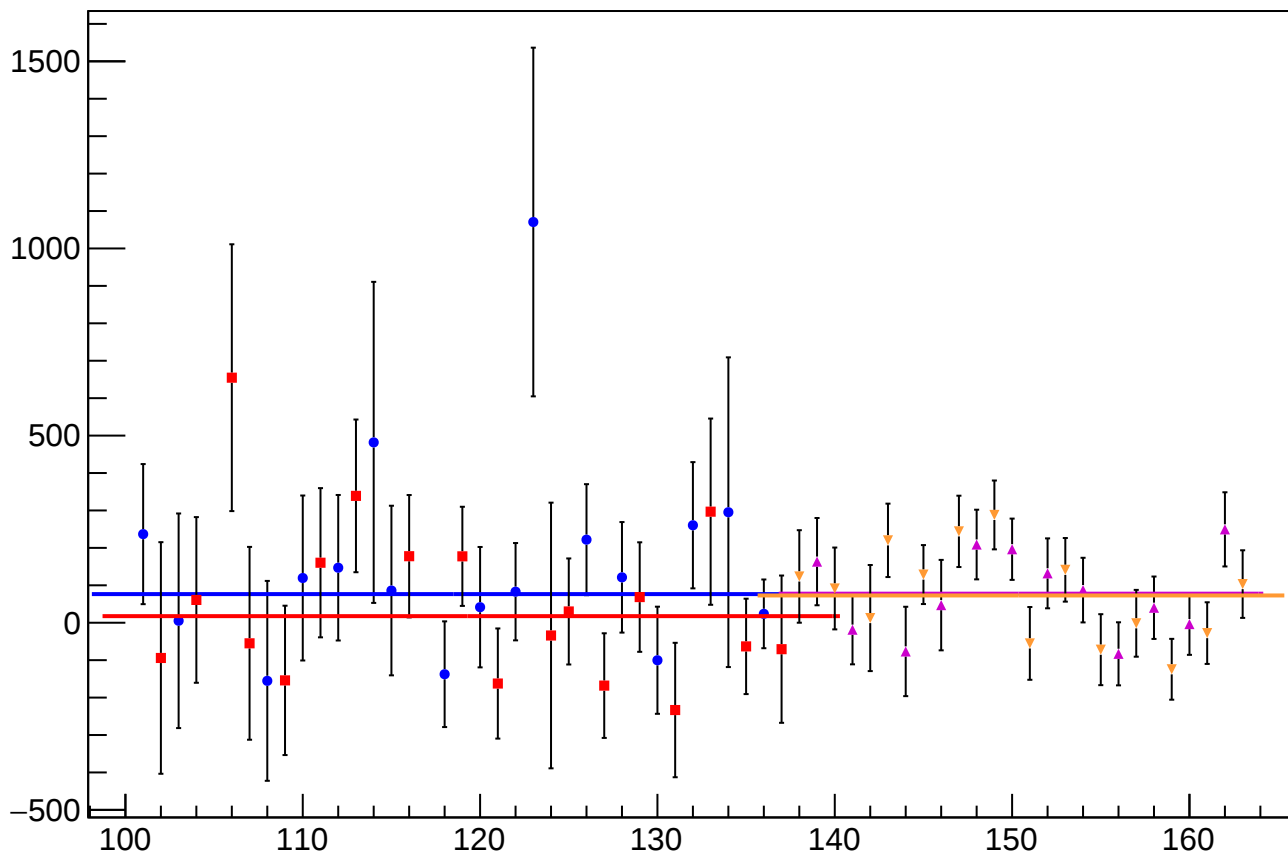
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Out: 296.492+/-0.065 χ^2/NDF : 693832.0/13

All: 292.313+/-0.047 χ^2/NDF : 1380777.3/25

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: 72.877 $\pm$ 25.040 χ^2 /NDF:24.7/13

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 77.621 $\pm$ 26.949 χ^2 /NDF:15.6/11

Left: 75.075 $\pm$ 18.344 χ^2 /NDF: 40.4/25

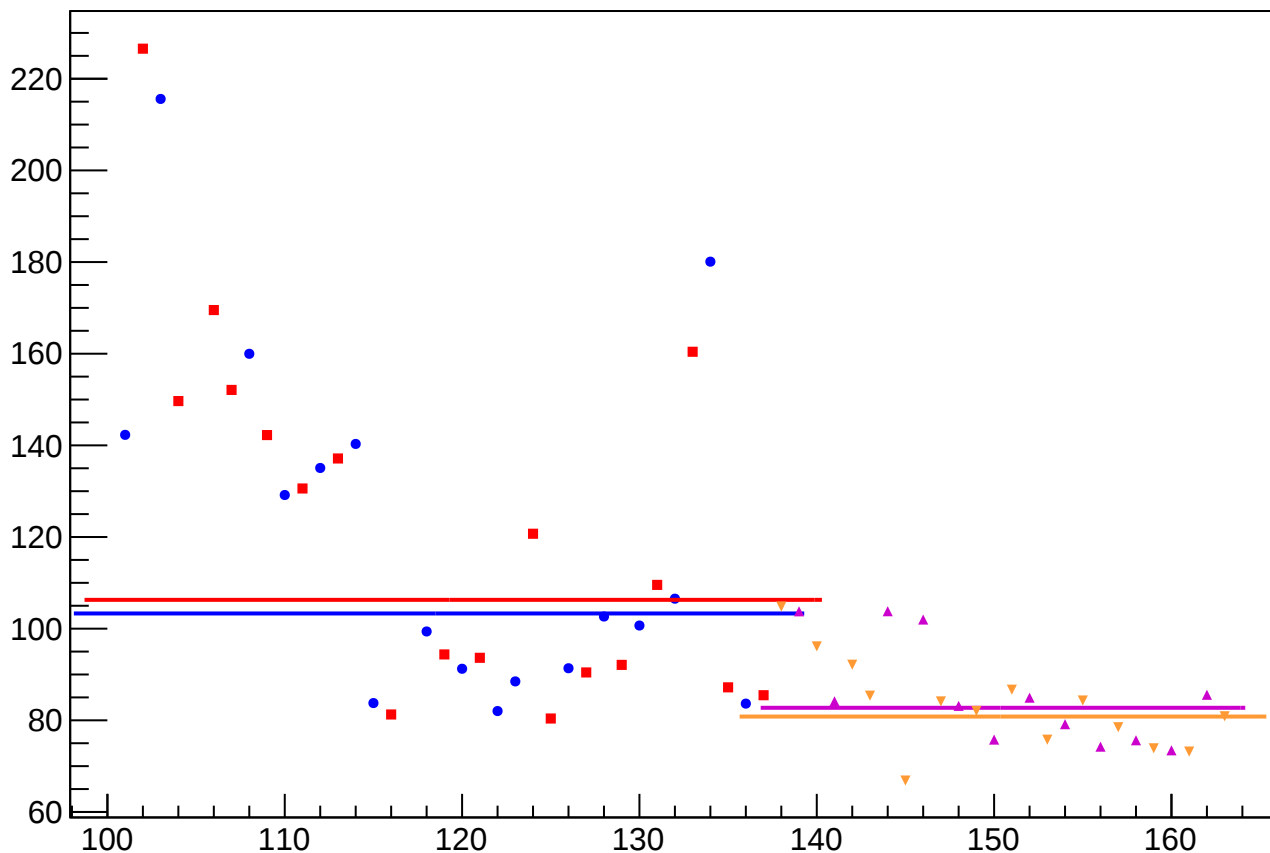
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 77.290 $\pm$ 22.611 χ^2 /NDF:29.5/28

Out: 58.533 $\pm$ 21.548 χ^2 /NDF:42.8/31

All: 67.460 $\pm$ 15.599 χ^2 /NDF: 72.7/60

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 80.821 $\pm$ 0.018 χ^2 /NDF: 247480.4/13

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 82.734 $\pm$ 0.019 χ^2 /NDF: 259614.7/11

Left: 81.707 $\pm$ 0.013 χ^2 /NDF: 512506.1/25

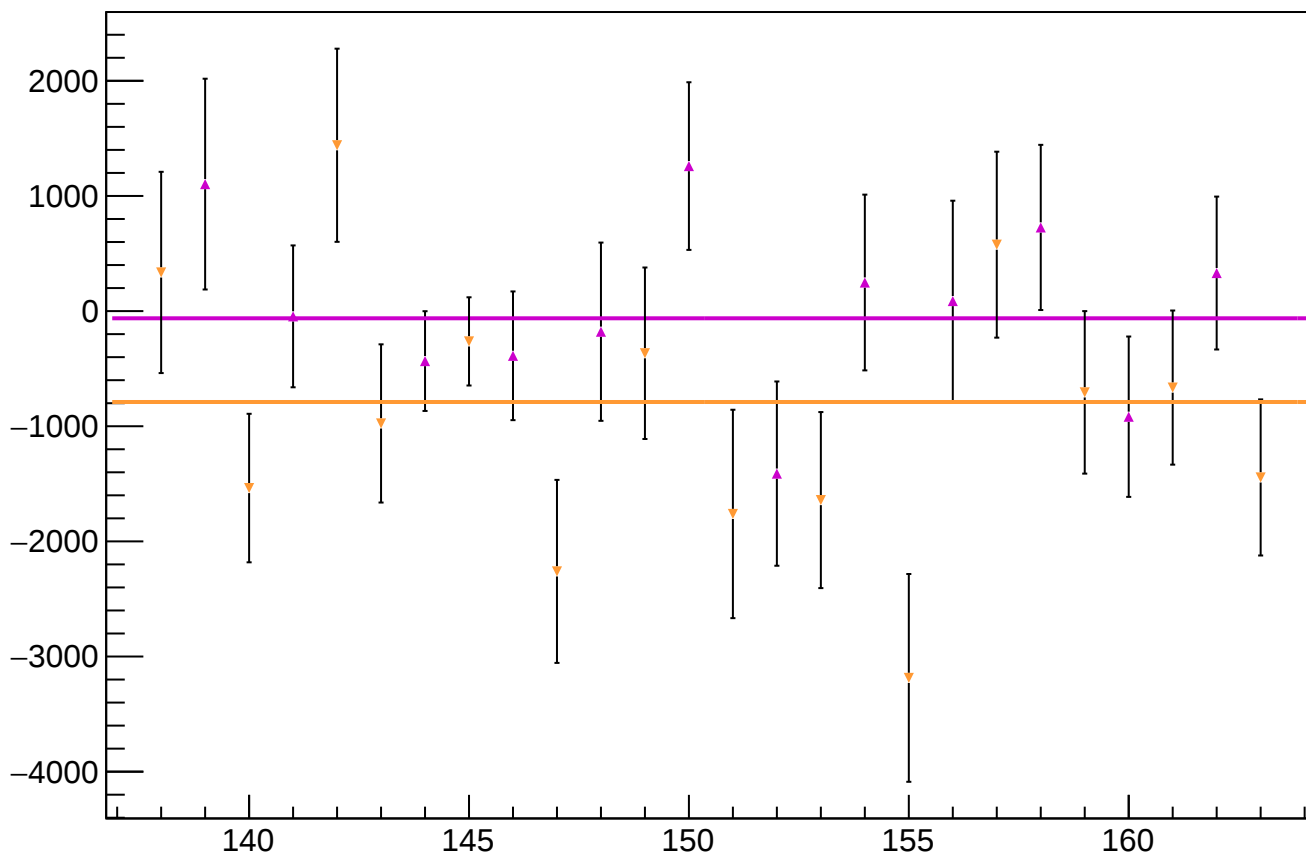
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 88.827 $\pm$ 0.016 χ^2 /NDF: 1442824.3/28

Out: 87.430 $\pm$ 0.015 χ^2 /NDF: 1785114.2/31

All: 88.095 $\pm$ 0.011 χ^2 /NDF: 3231941.0/60

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -789.444 ± 183.915 $\chi^2/\text{NDF}: 29.1/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -62.513 ± 193.224 $\chi^2/\text{NDF}: 12.1/11$

Left: -443.910 ± 133.217 $\chi^2/\text{NDF}: 48.6/25$

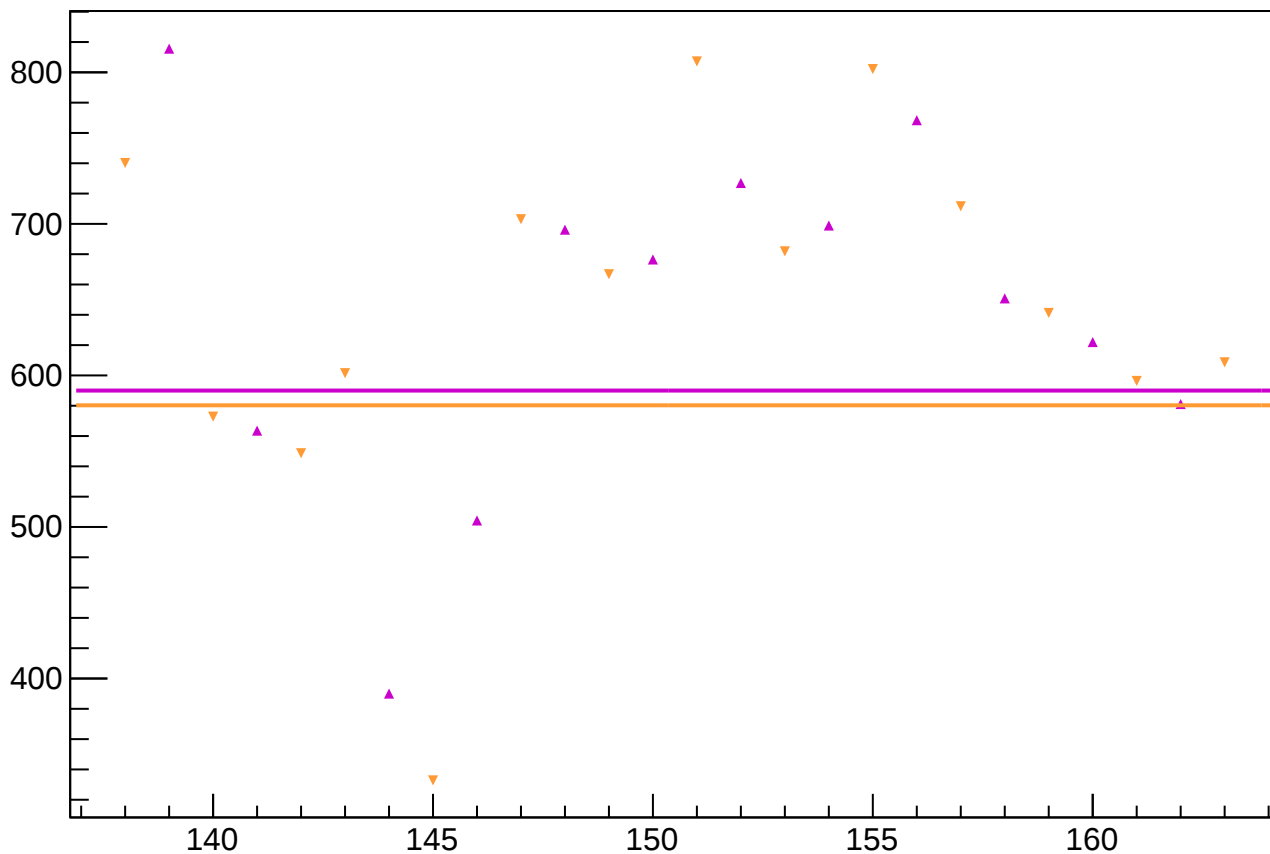
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -62.513 ± 193.224 $\chi^2/\text{NDF}: 12.1/11$

Out: -789.444 ± 183.915 $\chi^2/\text{NDF}: 29.1/13$

All: -443.910 ± 133.217 $\chi^2/\text{NDF}: 48.6/25$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Left: 584.908+/-0.094 χ^2/NDF : 2205077.4/25

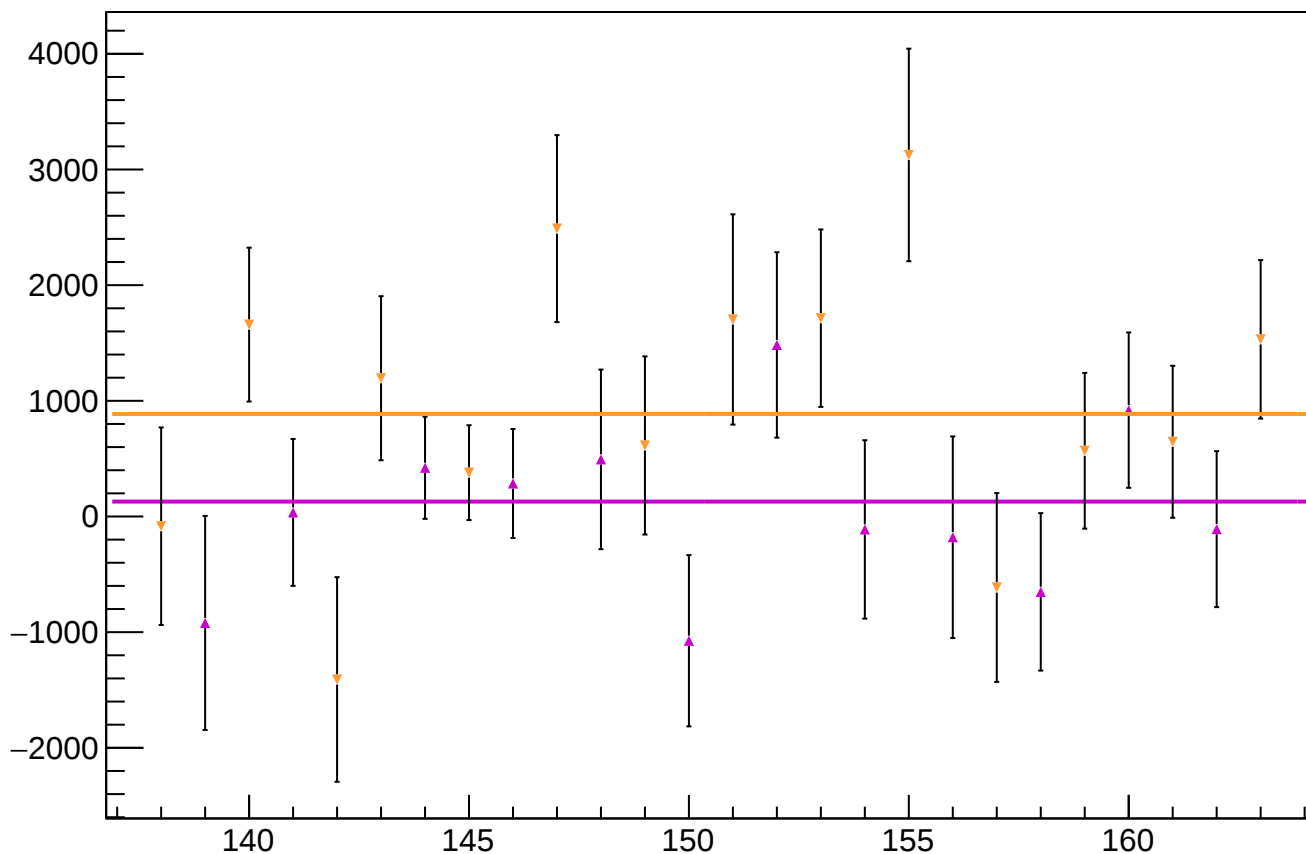
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

All: 584.908+/-0.094 χ^2/NDF : 2205077.4/25

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 885.943+/-187.941 χ^2/NDF : 27.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.873+/-189.345 χ^2/NDF : 10.6/11

Left: 510.226+/-133.388 χ^2/NDF : 46.4/25

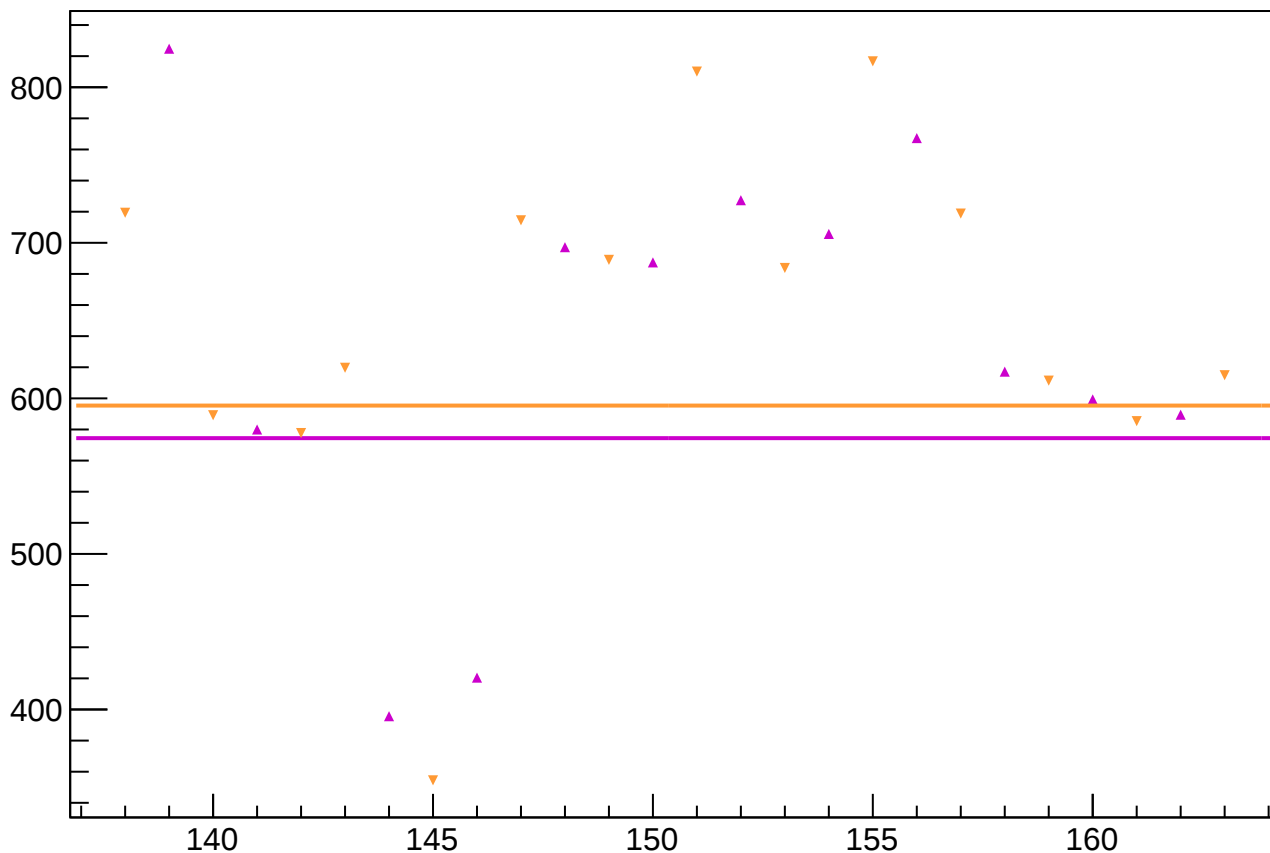
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.873+/-189.345 χ^2/NDF : 10.6/11

Out: 885.943+/-187.941 χ^2/NDF : 27.7/13

All: 510.226+/-133.388 χ^2/NDF : 46.4/25

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Left: 584.975+/-0.094 χ^2/NDF : 2149178.6/25

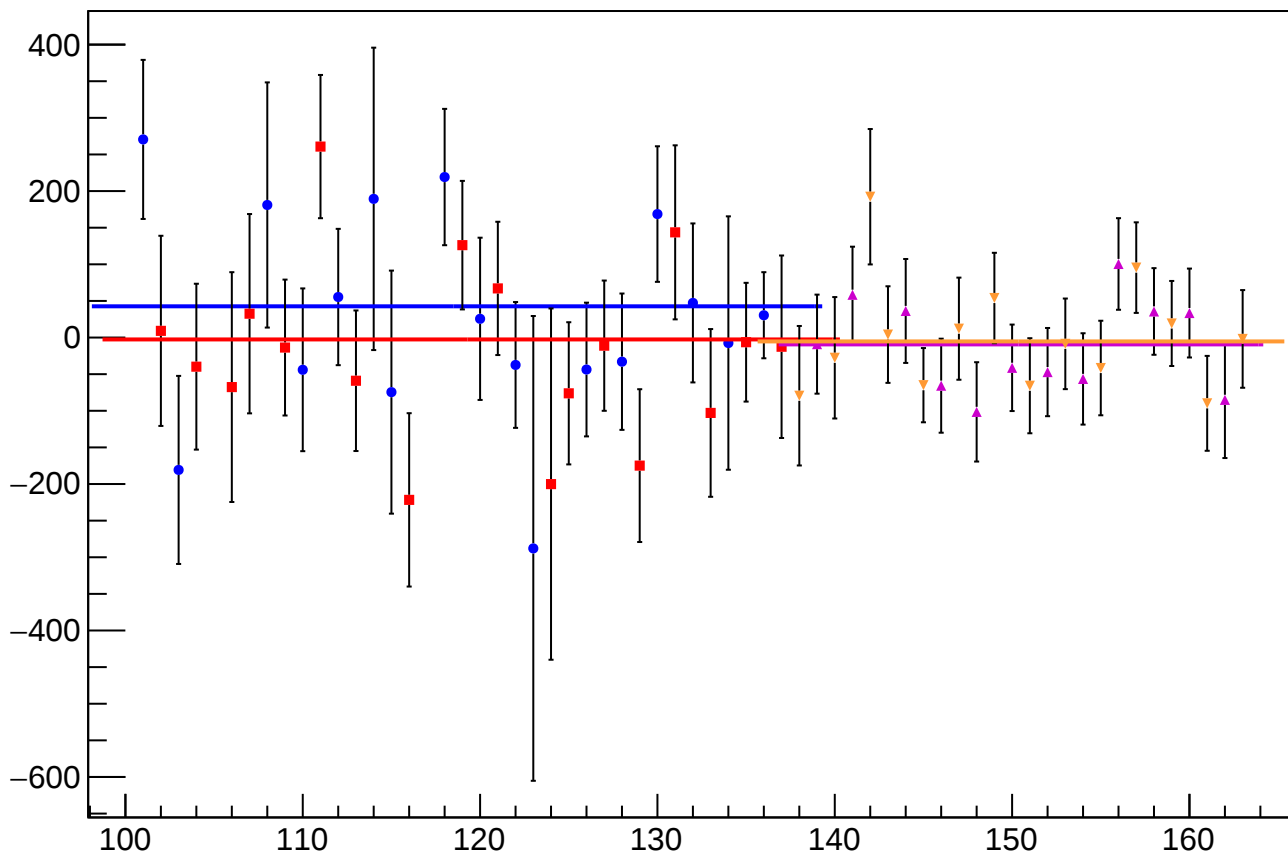
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

All: 584.975+/-0.094 χ^2/NDF : 2149178.6/25

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: -5.275 $\pm$ 17.622 χ^2 /NDF:13.4/13

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -9.341 $\pm$ 18.568 χ^2 /NDF:10.4/11

Left: -7.202 $\pm$ 12.782 χ^2 /NDF: 23.8/25

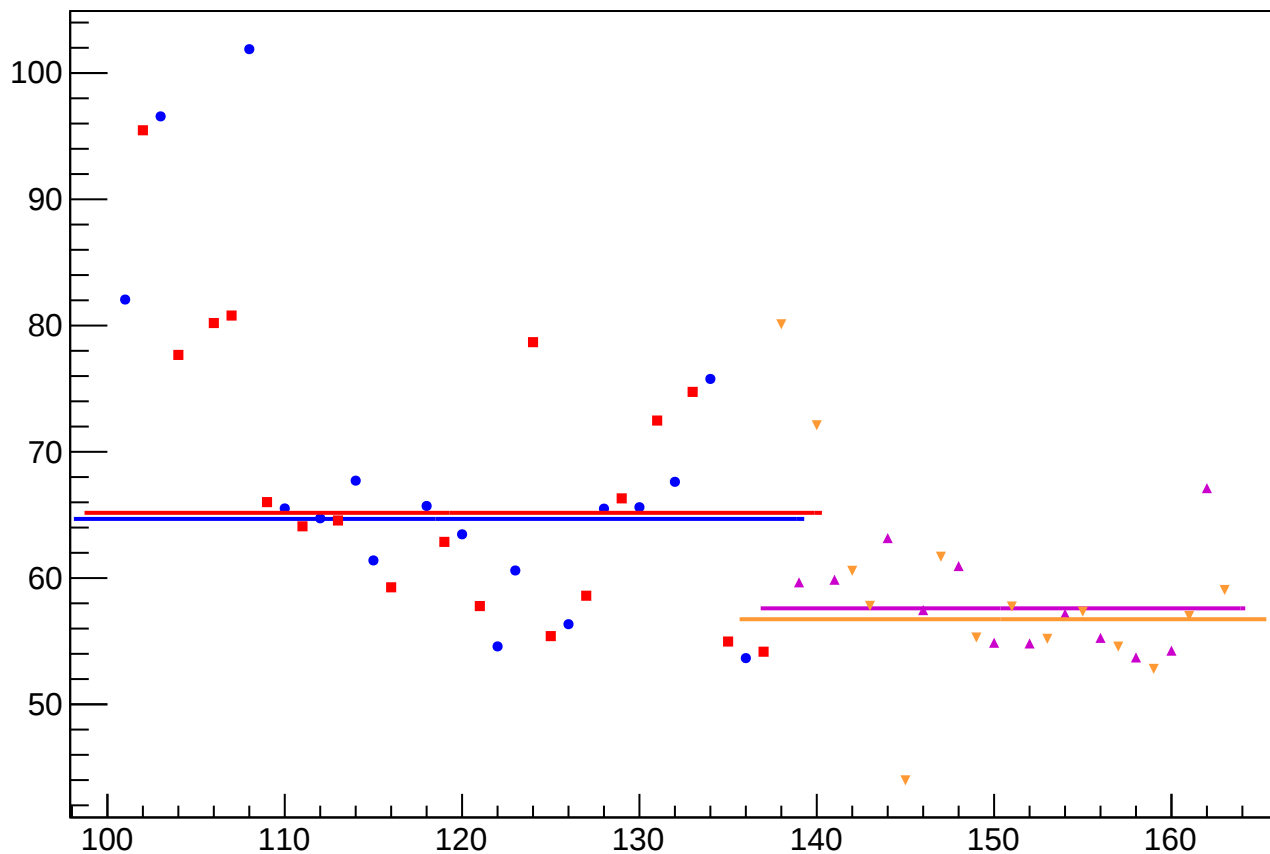
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 8.689 $\pm$ 15.008 χ^2 /NDF:32.0/28

Out: -4.384 $\pm$ 14.420 χ^2 /NDF:33.8/31

All: 1.892 $\pm$ 10.398 χ^2 /NDF: 66.2/60

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: 56.741 $\pm$ 0.012 χ^2 /NDF:346932.1/13

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.604 $\pm$ 0.013 χ^2 /NDF:76276.5/11

Left: 57.150 $\pm$ 0.009 χ^2 /NDF: 425481.1/25

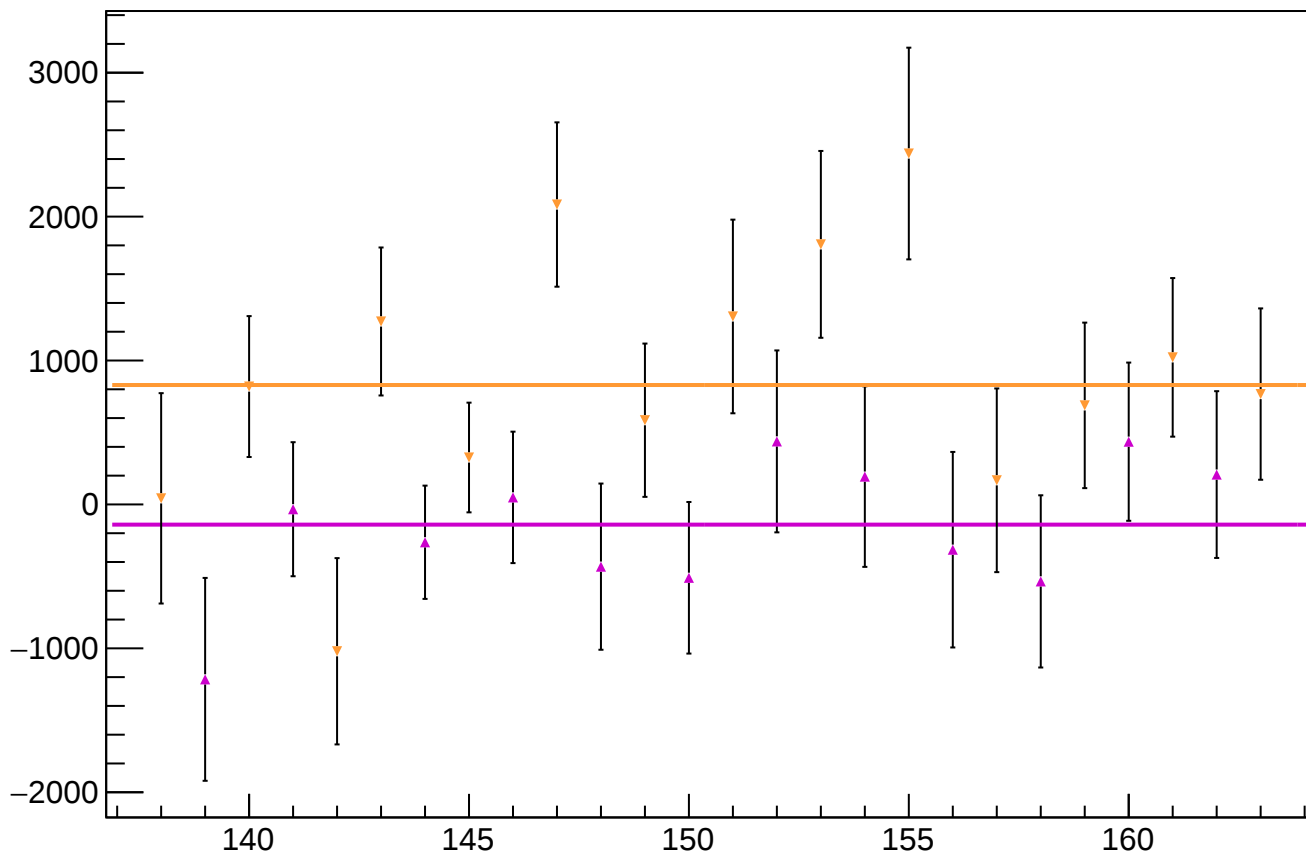
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.059 $\pm$ 0.011 χ^2 /NDF:577342.7/28

Out: 59.525 $\pm$ 0.010 χ^2 /NDF:802598.3/31

All: 59.781 $\pm$ 0.007 χ^2 /NDF: 1381260.5/60

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: 829.743+/-151.244 χ^2/NDF :25.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -140.378+/-156.610 χ^2/NDF :6.5/11

Left: 361.586+/-108.793 χ^2/NDF : 52.0/25

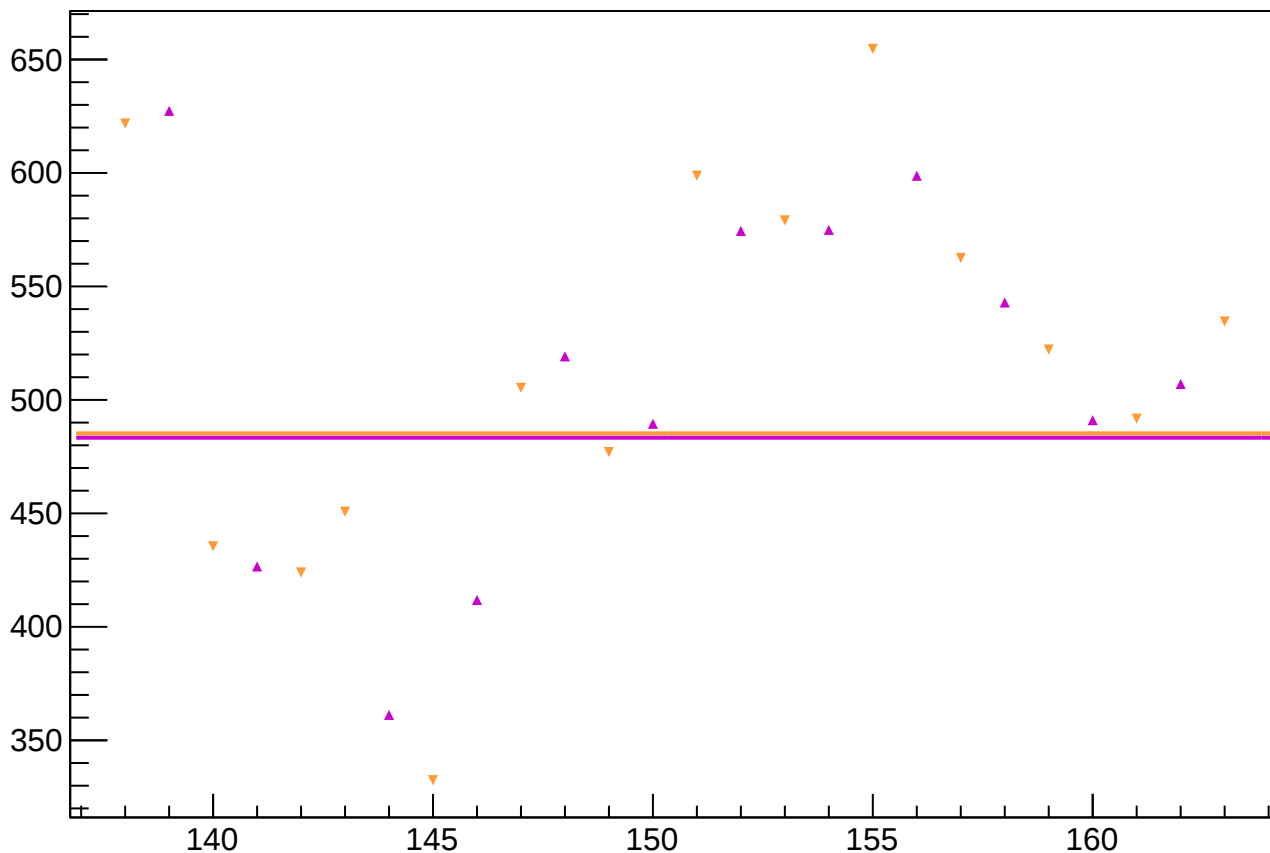
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.378+/-156.610 χ^2/NDF :6.5/11

Out: 829.743+/-151.244 χ^2/NDF :25.7/13

All: 361.586+/-108.793 χ^2/NDF : 52.0/25

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: 485.265+/-0.107 χ^2/NDF :698409.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 483.348+/-0.111 χ^2/NDF :528272.1/11

Left: 484.340+/-0.077 χ^2/NDF : 1226836.9/25

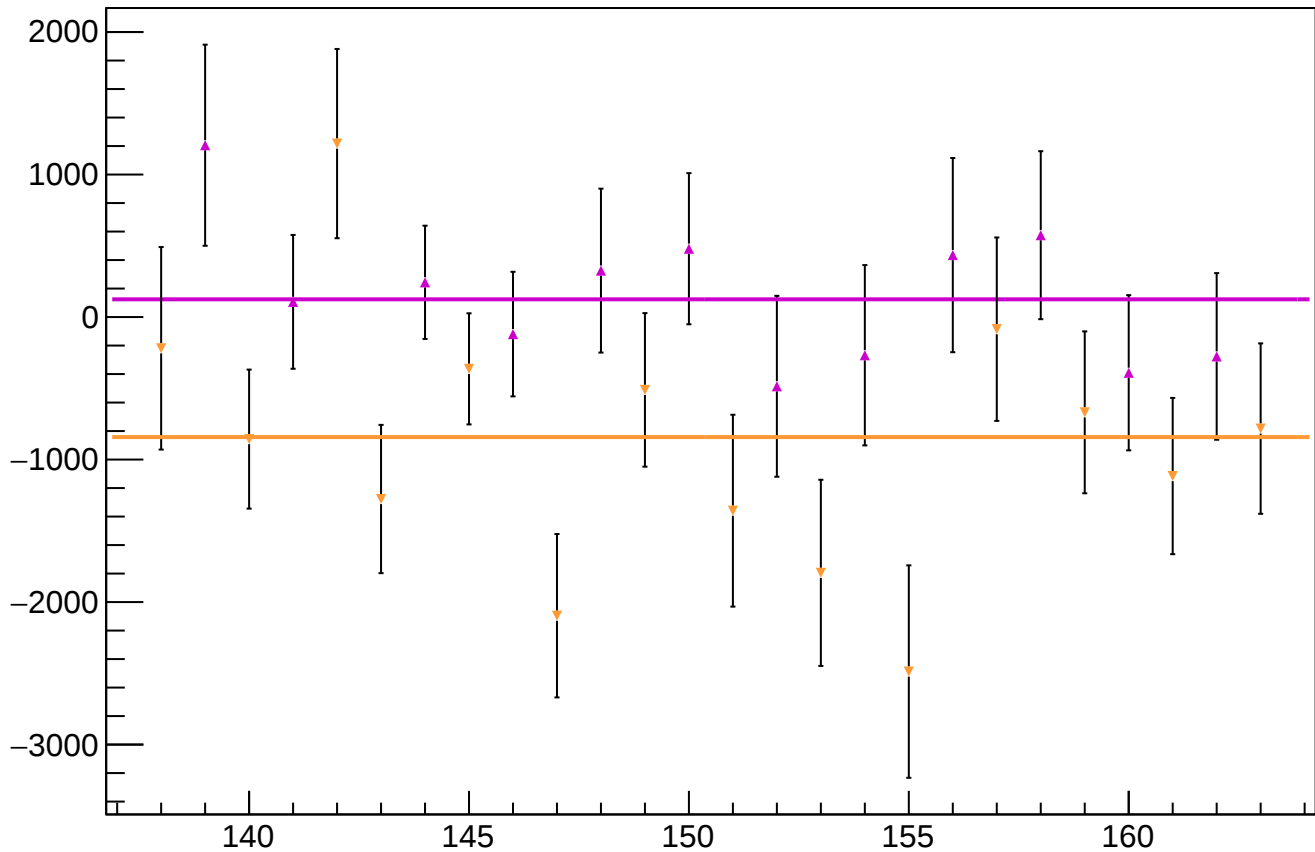
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.348+/-0.111 χ^2/NDF :528272.1/11

Out: 485.265+/-0.107 χ^2/NDF :698409.8/13

All: 484.340+/-0.077 χ^2/NDF : 1226836.9/25

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -842.180+/-152.147 χ^2/NDF :27.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 124.423+/-156.167 χ^2/NDF :6.8/11

Left: -371.480+/-108.977 χ^2/NDF : 53.5/25

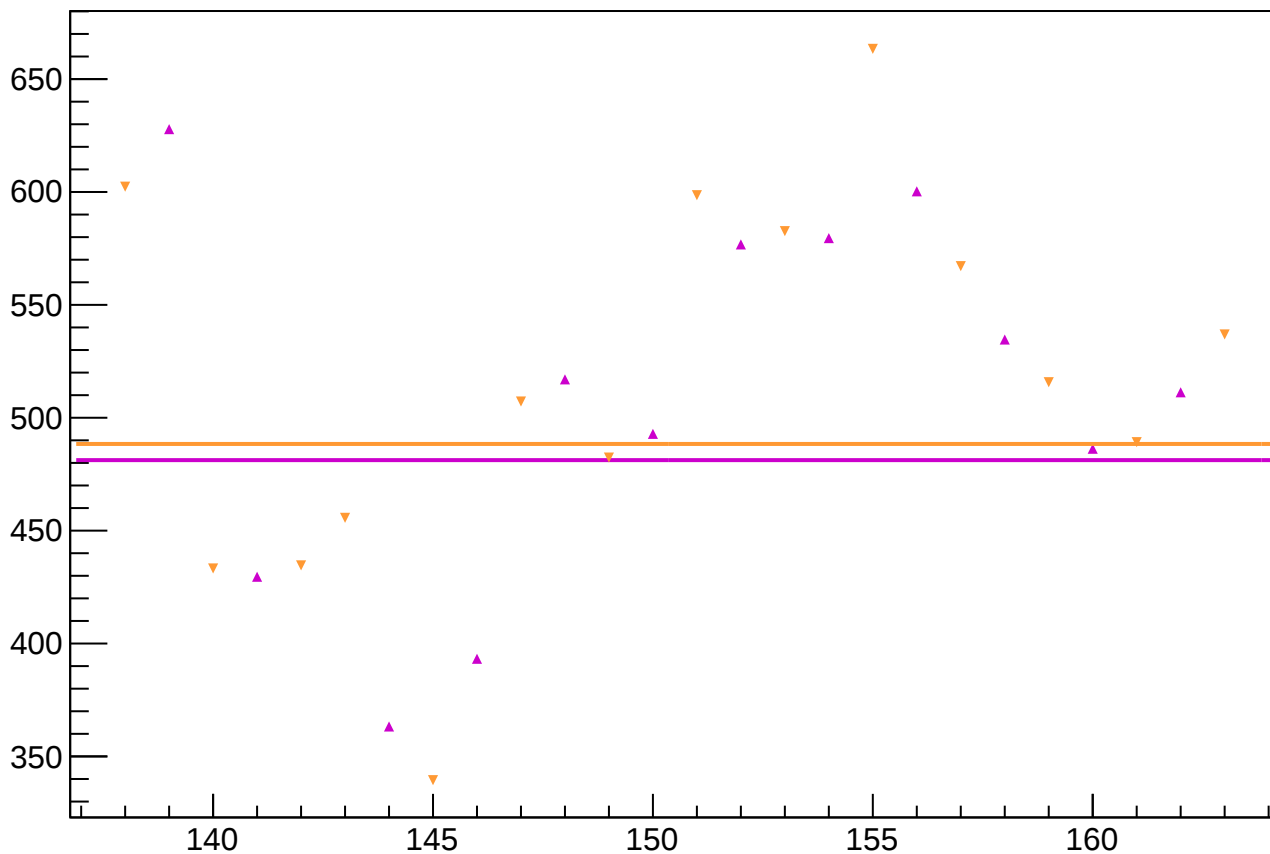
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 124.423+/-156.167 χ^2/NDF :6.8/11

Out: -842.180+/-152.147 χ^2/NDF :27.1/13

All: -371.480+/-108.977 χ^2/NDF : 53.5/25

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 488.396+/-0.108 χ^2/NDF : 645378.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.233+/-0.110 χ^2/NDF : 553194.7/11

Left: 484.908+/-0.077 χ^2/NDF : 1200731.8/25

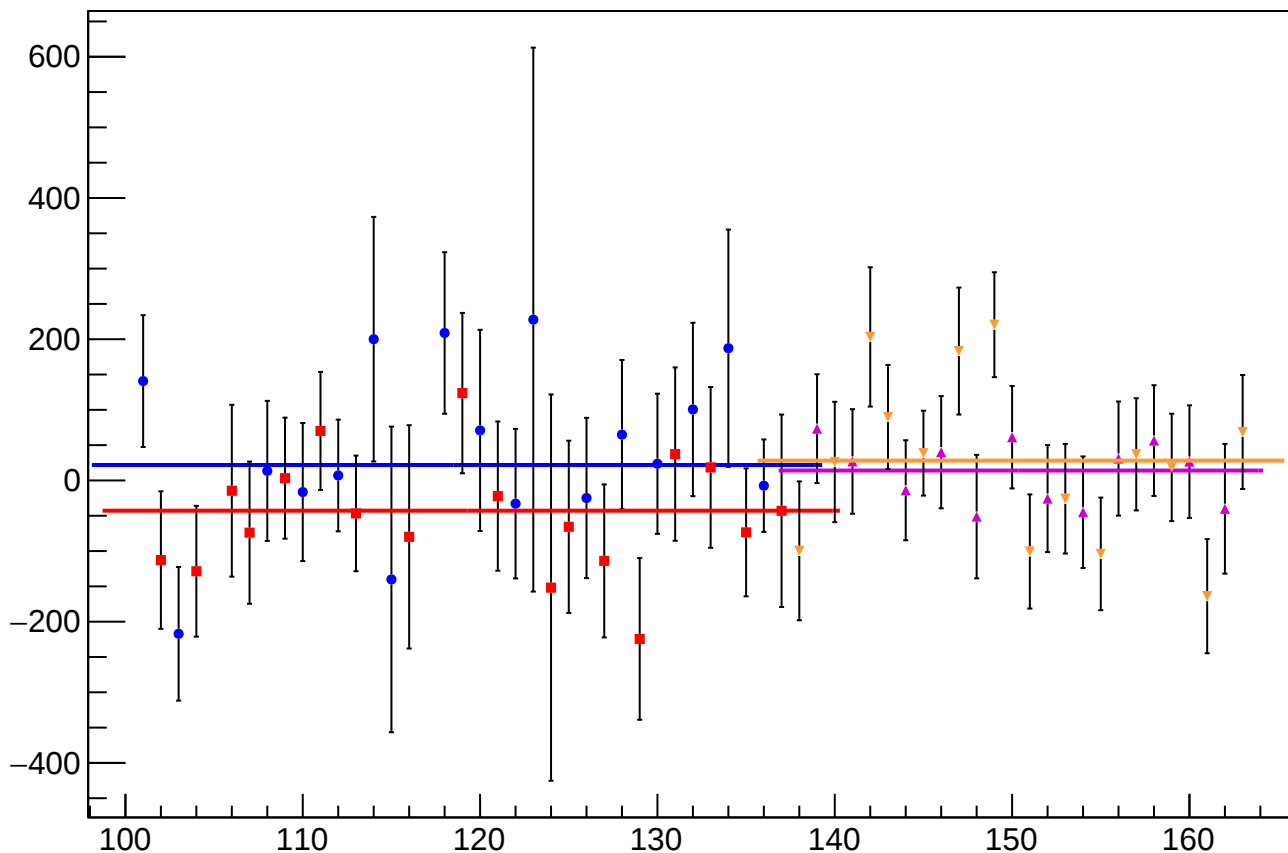
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.233+/-0.110 χ^2/NDF : 553194.7/11

Out: 488.396+/-0.108 χ^2/NDF : 645378.1/13

All: 484.908+/-0.077 χ^2/NDF : 1200731.8/25

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: 28.109 ± 21.206 $\chi^2/\text{NDF}: 26.9/13$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 14.042 ± 22.614 $\chi^2/\text{NDF}: 3.4/11$

Left: 21.527 ± 15.469 $\chi^2/\text{NDF}: 30.6/25$

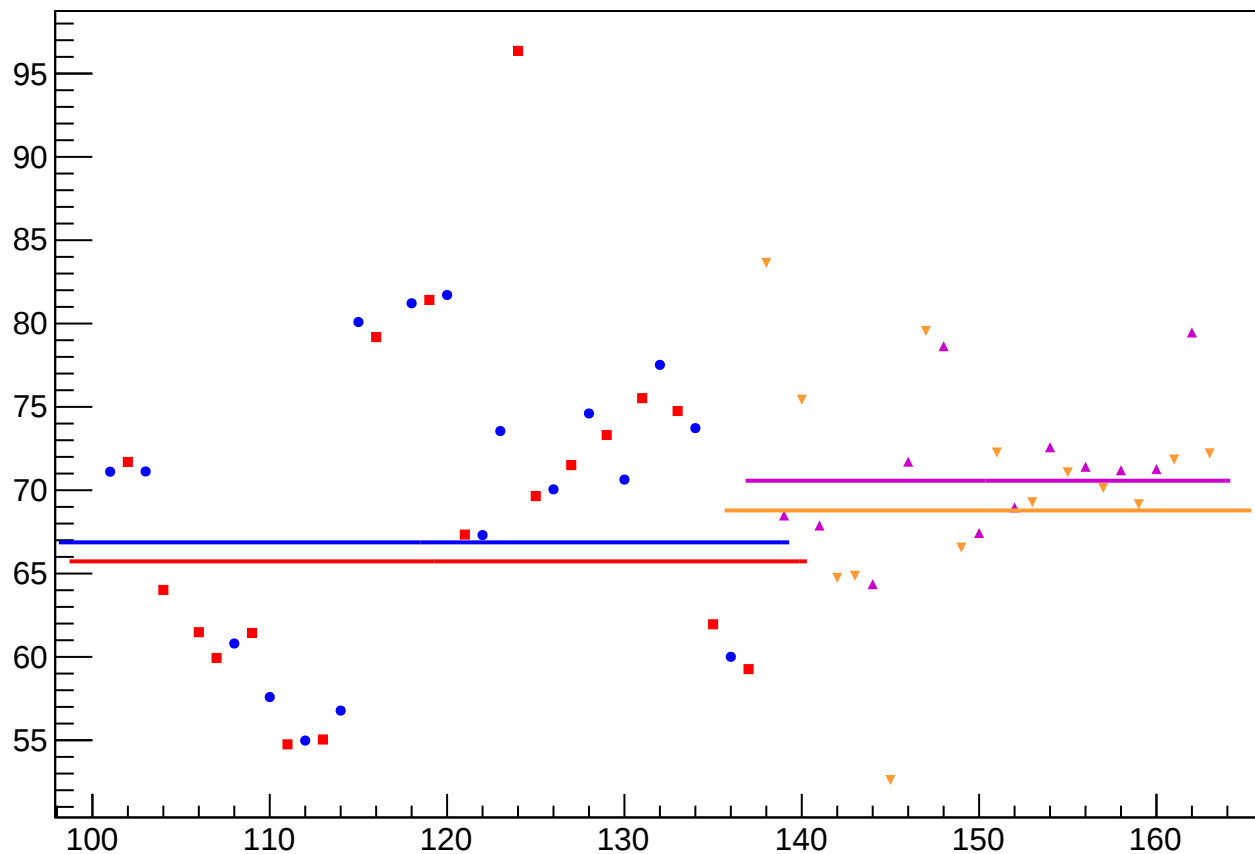
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 17.422 ± 17.078 $\chi^2/\text{NDF}: 18.5/28$

Out: -1.410 ± 16.203 $\chi^2/\text{NDF}: 41.5/31$

All: 7.511 ± 11.755 $\chi^2/\text{NDF}: 60.6/60$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 $\chi^2/\text{NDF}: 202515.6/16$

Left Out: 68.787 ± 0.015 $\chi^2/\text{NDF}: 254789.9/13$

Right Out: 65.731 ± 0.018 $\chi^2/\text{NDF}: 218867.5/17$

Left In: 70.570 ± 0.016 $\chi^2/\text{NDF}: 62097.9/11$

Left: 69.621 ± 0.011 $\chi^2/\text{NDF}: 323503.4/25$

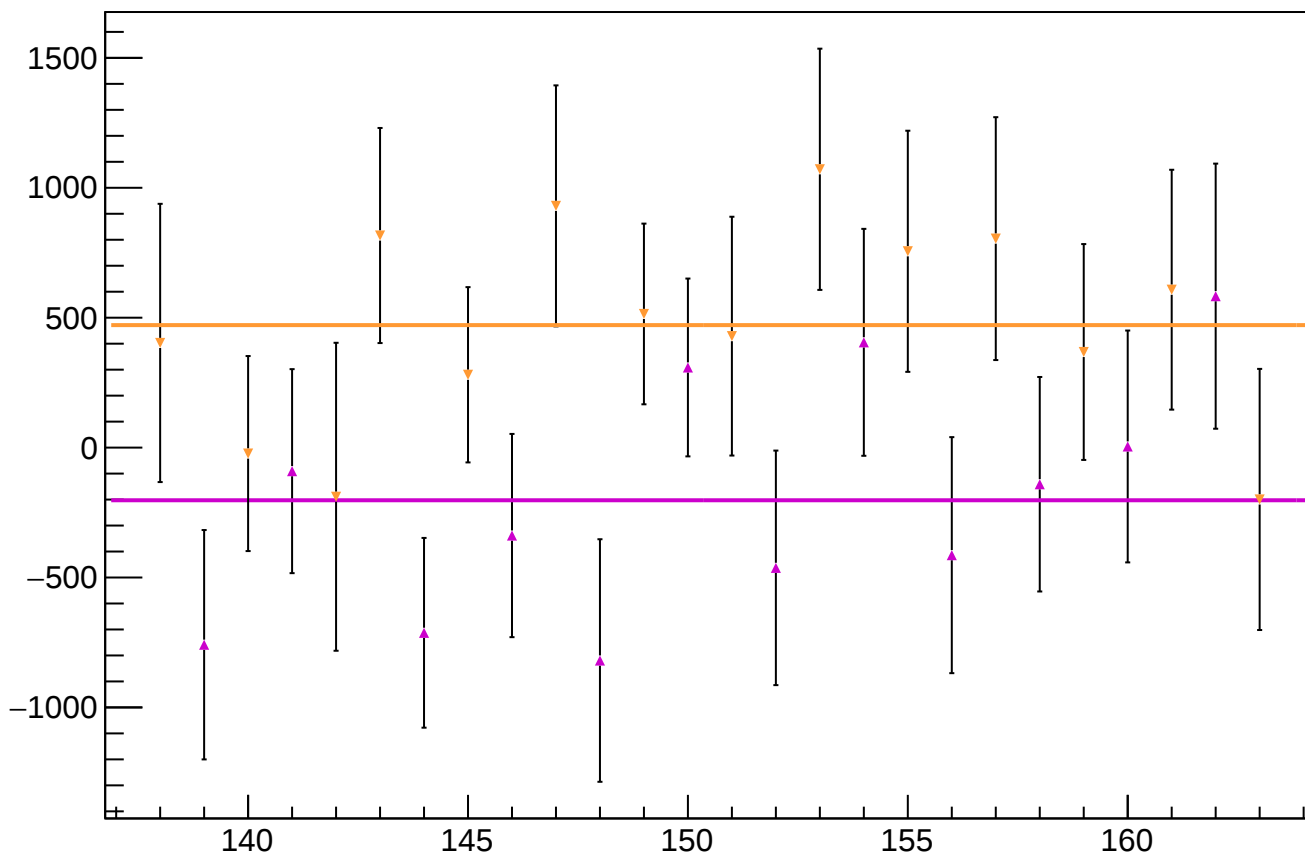
Right: 66.280 ± 0.013 $\chi^2/\text{NDF}: 423373.0/34$

In: 68.981 ± 0.012 $\chi^2/\text{NDF}: 287593.4/28$

Out: 67.515 ± 0.011 $\chi^2/\text{NDF}: 490951.2/31$

All: 68.210 ± 0.008 $\chi^2/\text{NDF}: 786303.0/60$

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: 471.453+/-116.230 χ^2/NDF : 9.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Left: 147.414+/-83.760 χ^2/NDF : 38.5/25

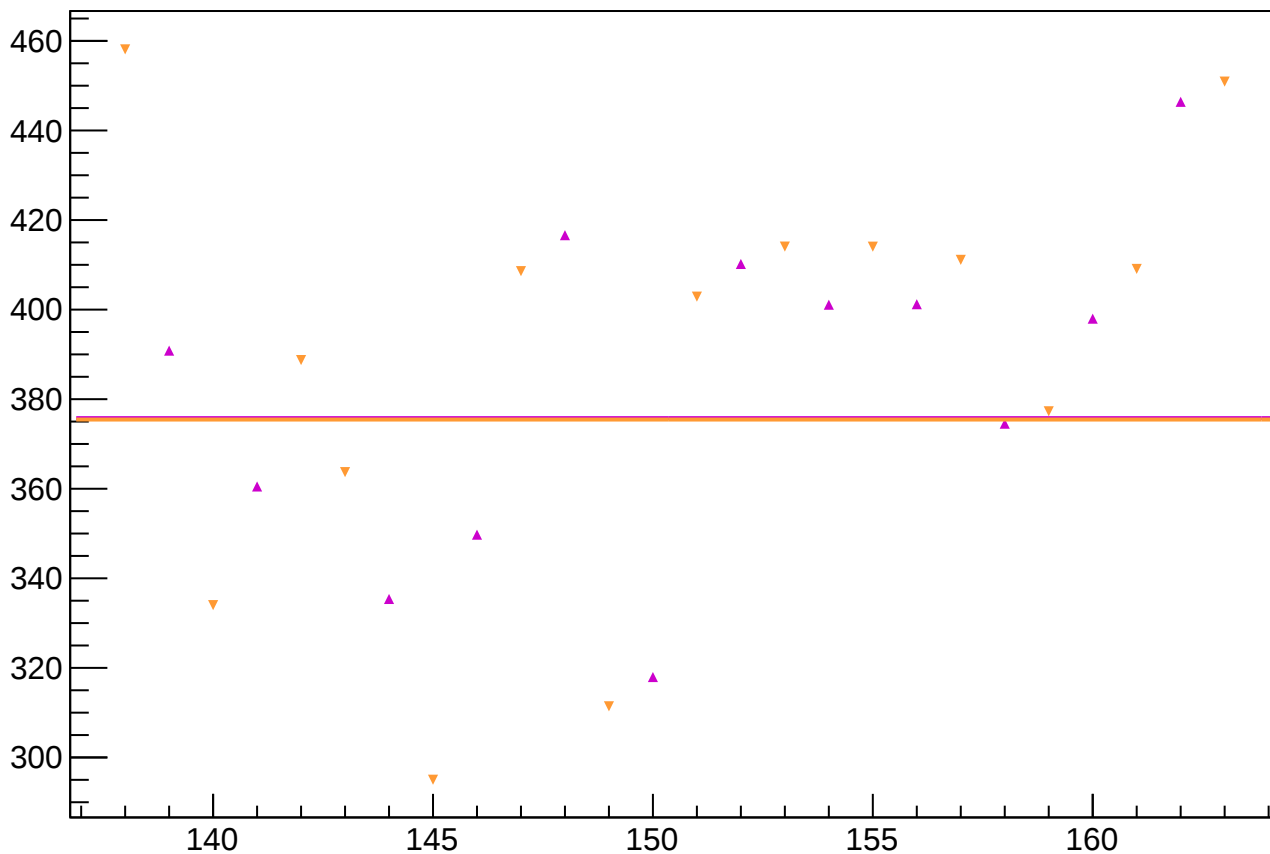
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Out: 471.453+/-116.230 χ^2/NDF : 9.5/13

All: 147.414+/-83.760 χ^2/NDF : 38.5/25

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 375.453+/-0.082 χ^2/NDF :368596.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Left: 375.605+/-0.059 χ^2/NDF : 547598.9/25

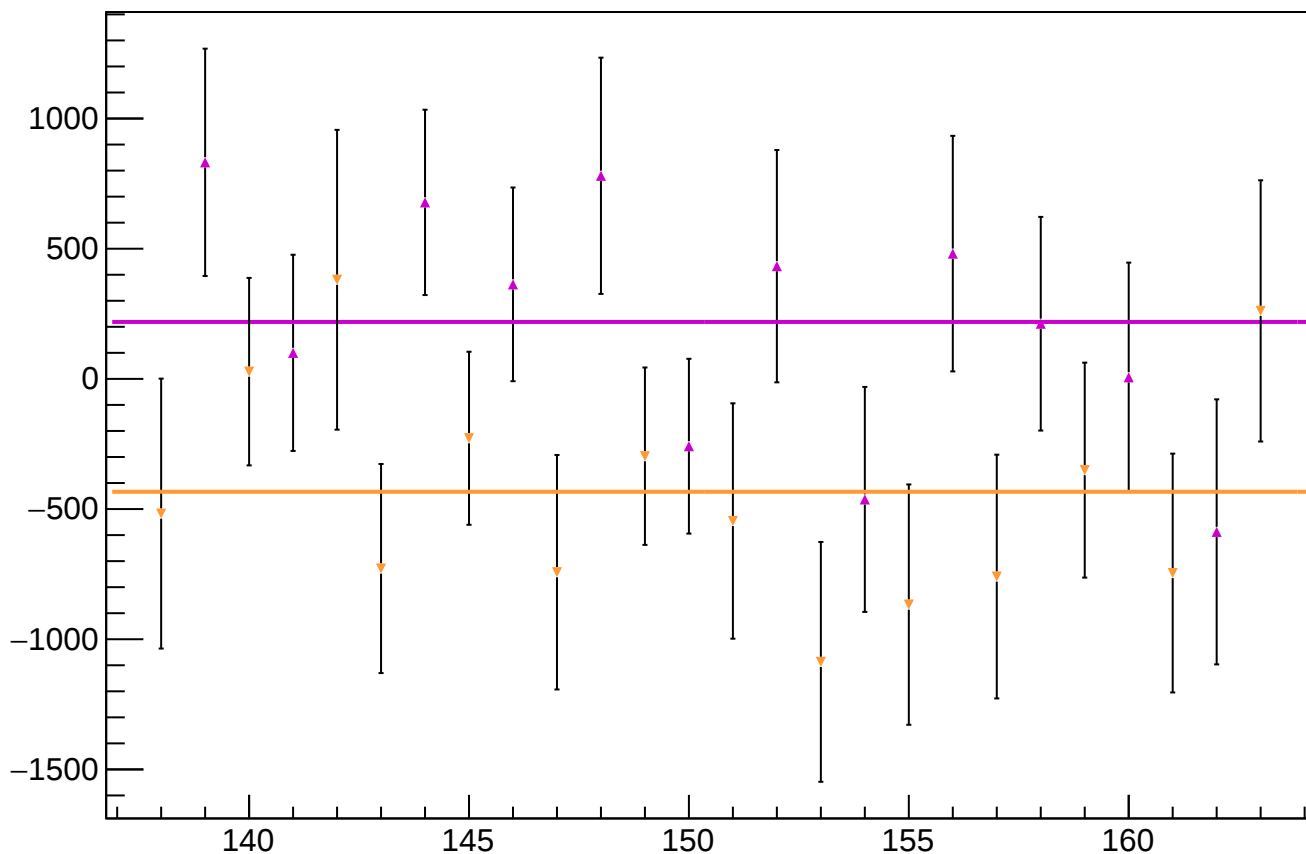
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Out: 375.453+/-0.082 χ^2/NDF :368596.1/13

All: 375.605+/-0.059 χ^2/NDF : 547598.9/25

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -433.526+/-114.172 χ^2/NDF :11.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 218.686+/-118.376 χ^2/NDF :13.2/11

Left: -119.205+/-82.178 χ^2/NDF : 40.0/25

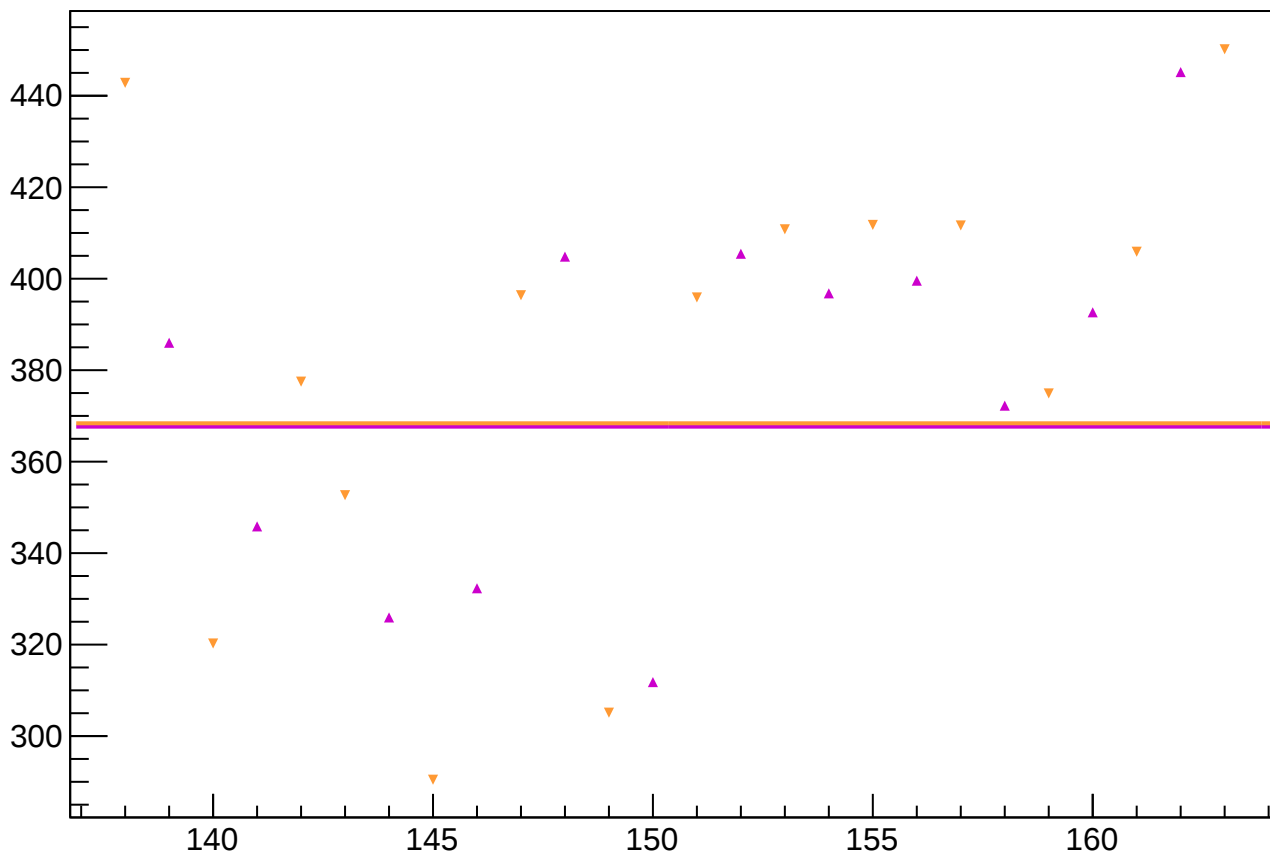
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.686+/-118.376 χ^2/NDF :13.2/11

Out: -433.526+/-114.172 χ^2/NDF :11.1/13

All: -119.205+/-82.178 χ^2/NDF : 40.0/25

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Left: 368.035+/-0.058 χ^2/NDF : 604437.0/25

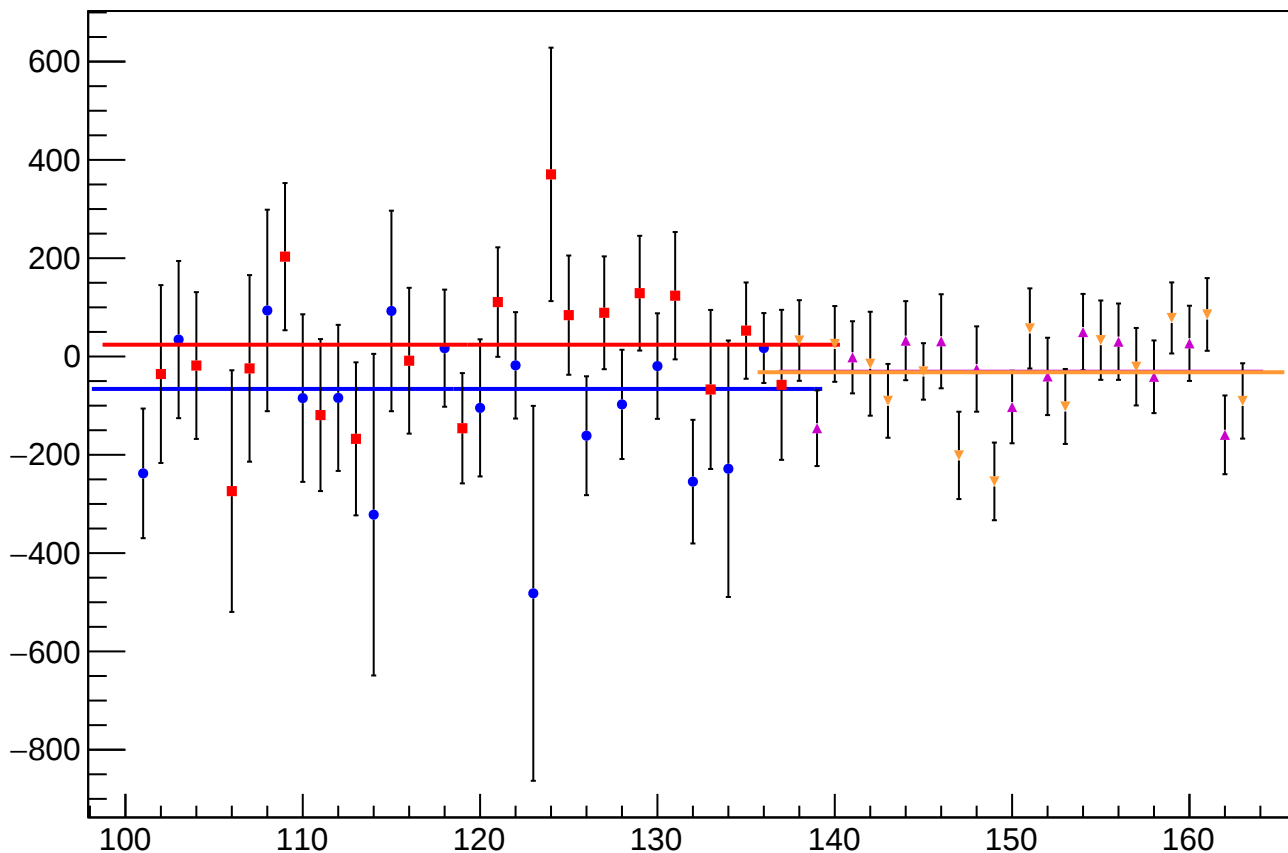
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

All: 368.035+/-0.058 χ^2/NDF : 604437.0/25

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: -32.021 ± 20.608 $\chi^2/\text{NDF}: 21.5/13$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -30.940 ± 22.718 $\chi^2/\text{NDF}: 9.2/11$

Left: -31.533 ± 15.264 $\chi^2/\text{NDF}: 30.7/25$

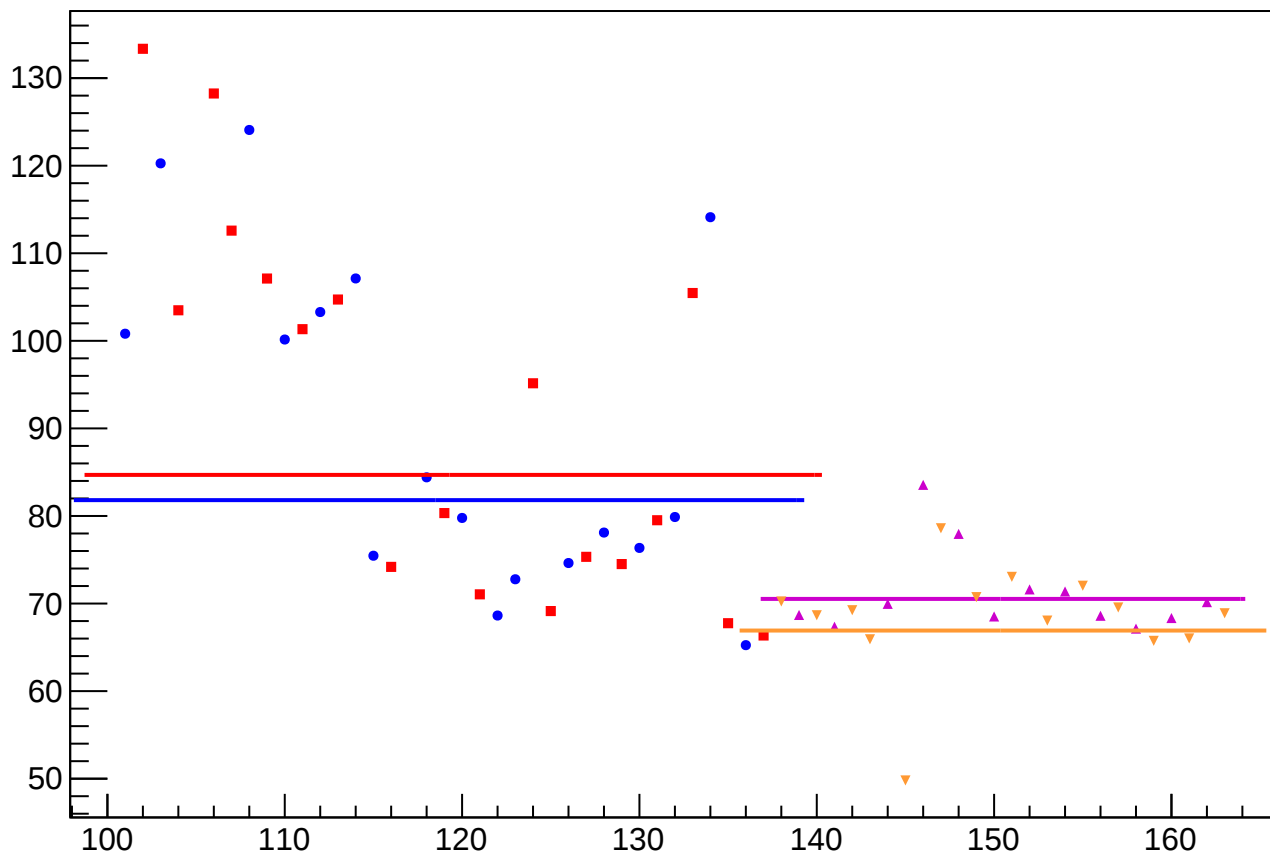
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -42.541 ± 18.580 $\chi^2/\text{NDF}: 20.8/28$

Out: -16.164 ± 17.448 $\chi^2/\text{NDF}: 36.5/31$

All: -28.525 ± 12.719 $\chi^2/\text{NDF}: 58.4/60$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 66.917 $\pm$ 0.015 χ^2/NDF : 246516.4/13

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 70.529 $\pm$ 0.016 χ^2/NDF : 65865.2/11

Left: 68.548 $\pm$ 0.011 χ^2/NDF : 340117.5/25

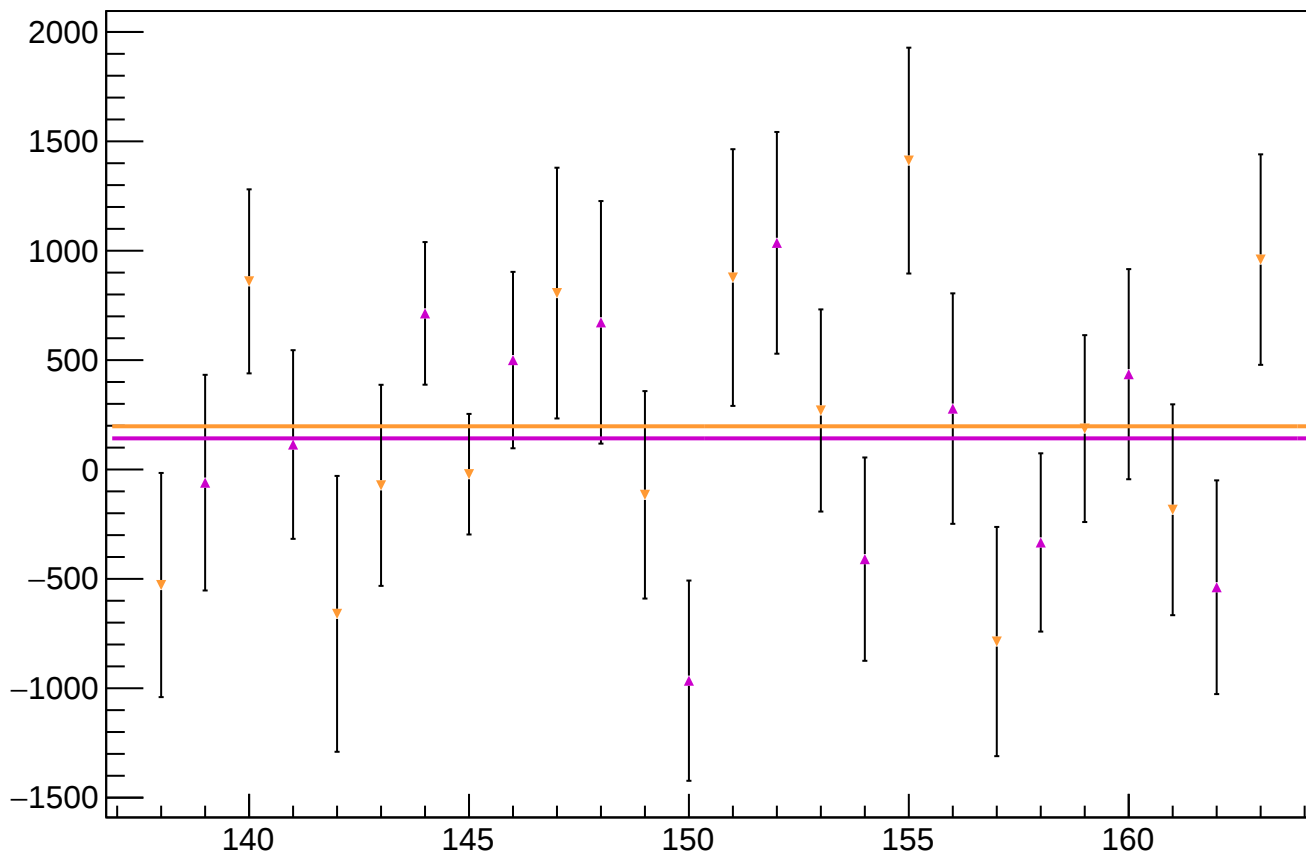
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 74.264 $\pm$ 0.013 χ^2/NDF : 736307.7/28

Out: 71.950 $\pm$ 0.012 χ^2/NDF : 1283690.3/31

All: 73.034 $\pm$ 0.009 χ^2/NDF : 2036485.5/60

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.487+/-122.664 χ^2/NDF :22.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.294+/-129.359 χ^2/NDF :19.1/11

Left: 171.356+/-89.009 χ^2/NDF : 41.6/25

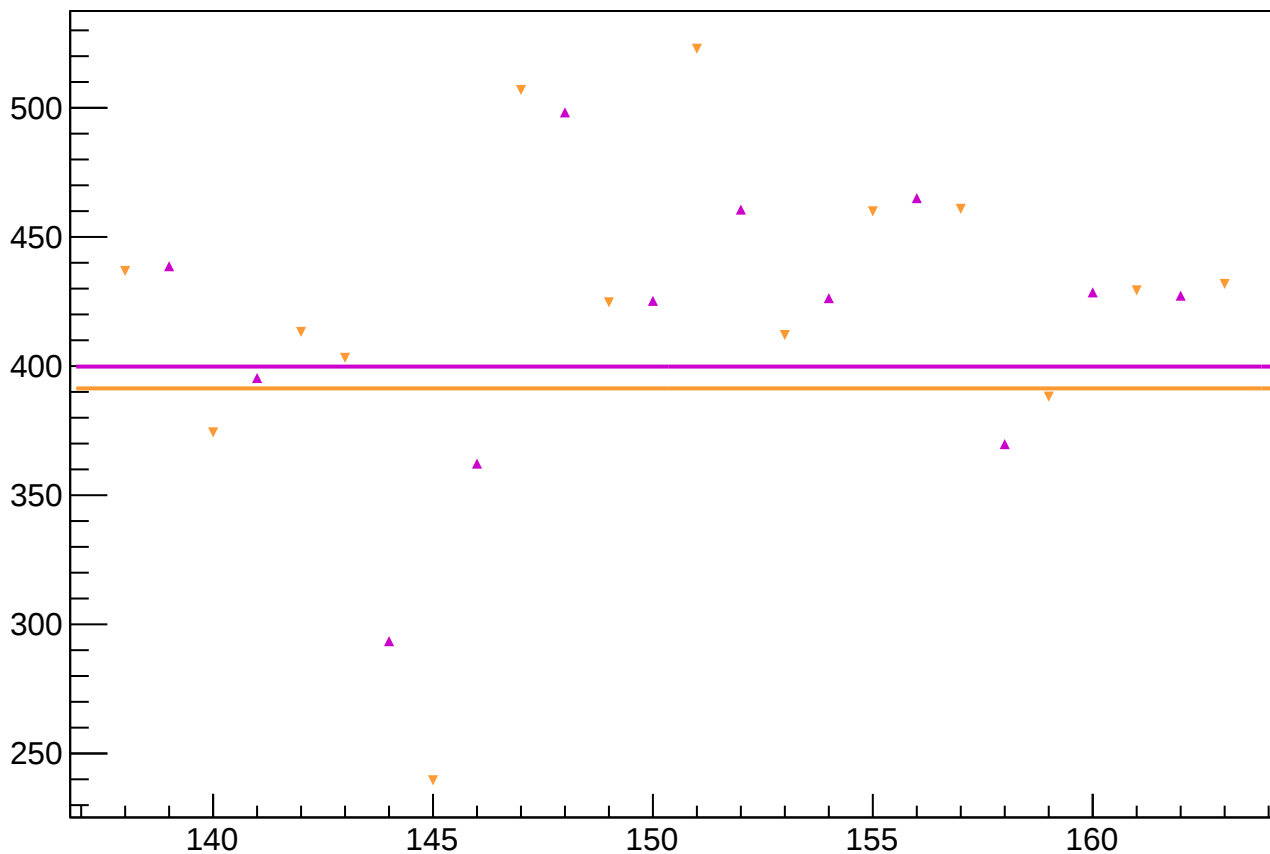
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.294+/-129.359 χ^2/NDF :19.1/11

Out: 197.487+/-122.664 χ^2/NDF :22.4/13

All: 171.356+/-89.009 χ^2/NDF : 41.6/25

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: 391.361+/-0.087 χ^2/NDF : 921923.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 399.811+/-0.091 χ^2/NDF : 402260.6/11

Left: 395.362+/-0.063 χ^2/NDF : 1328677.7/25

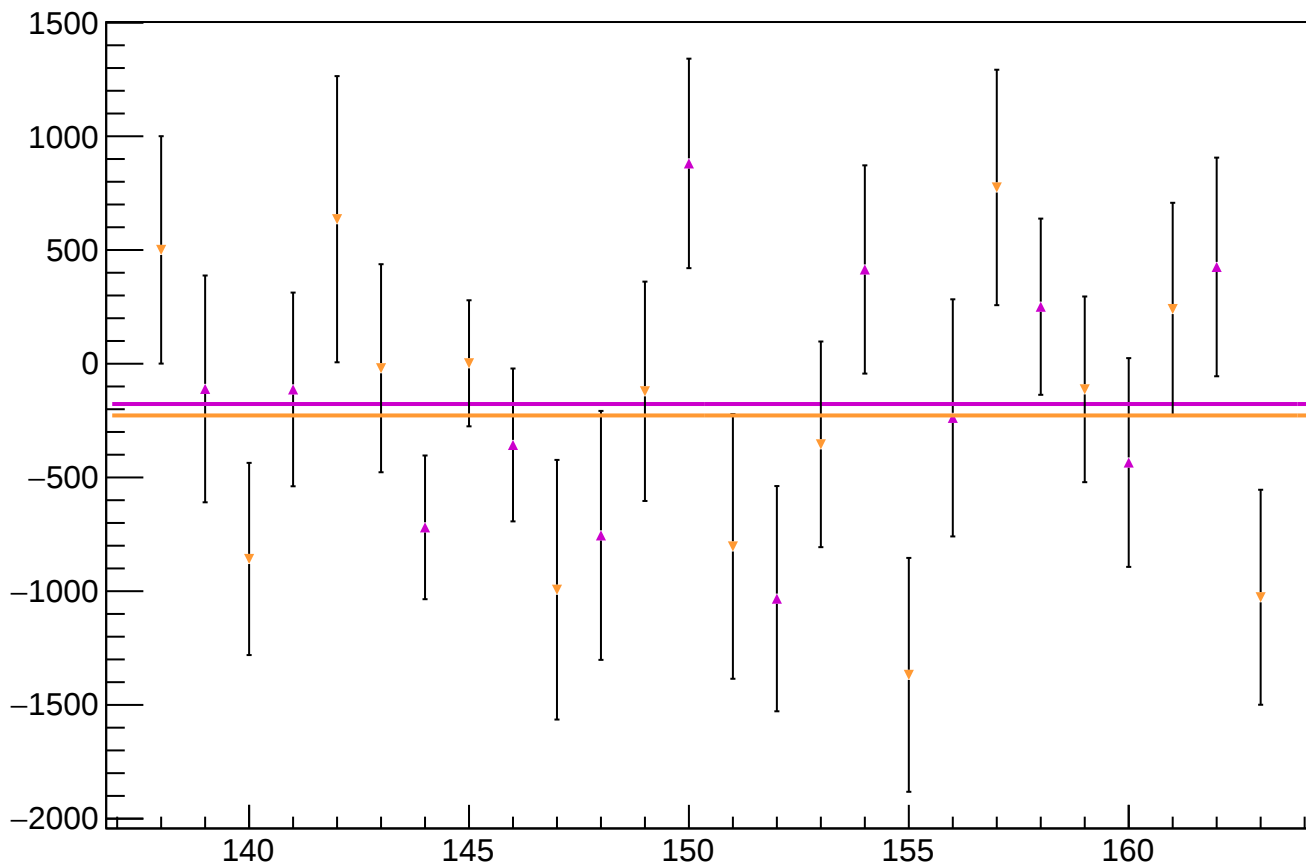
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.811+/-0.091 χ^2/NDF : 402260.6/11

Out: 391.361+/-0.087 χ^2/NDF : 921923.0/13

All: 395.362+/-0.063 χ^2/NDF : 1328677.7/25

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -227.381+/-121.505 χ^2/NDF :22.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -177.123+/-124.275 χ^2/NDF :17.4/11

Left: -202.819+/-86.880 χ^2/NDF : 40.2/25

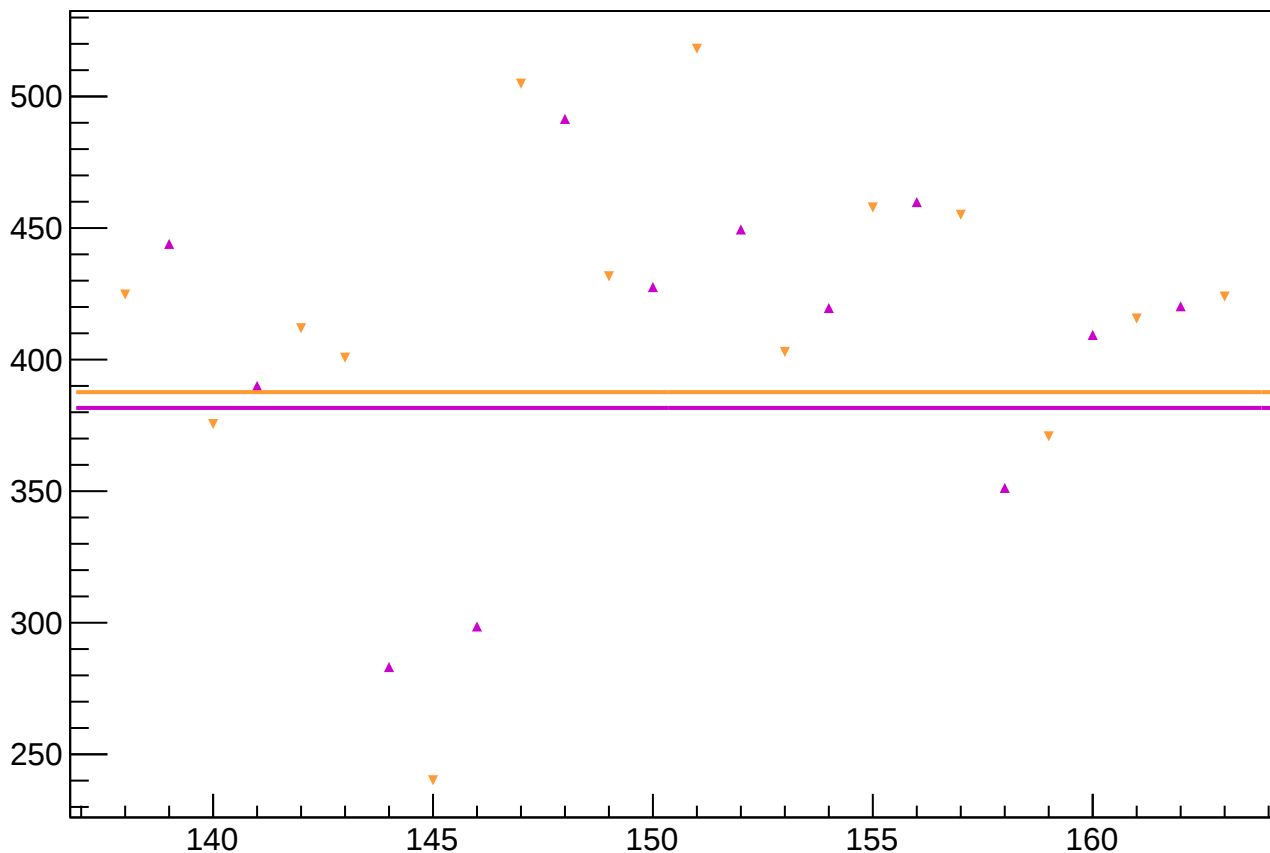
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -177.123+/-124.275 χ^2/NDF :17.4/11

Out: -227.381+/-121.505 χ^2/NDF :22.6/13

All: -202.819+/-86.880 χ^2/NDF : 40.2/25

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.641+/-0.088 χ^2/NDF : 577974.8/11

Left: 384.709+/-0.061 χ^2/NDF : 1461856.5/25

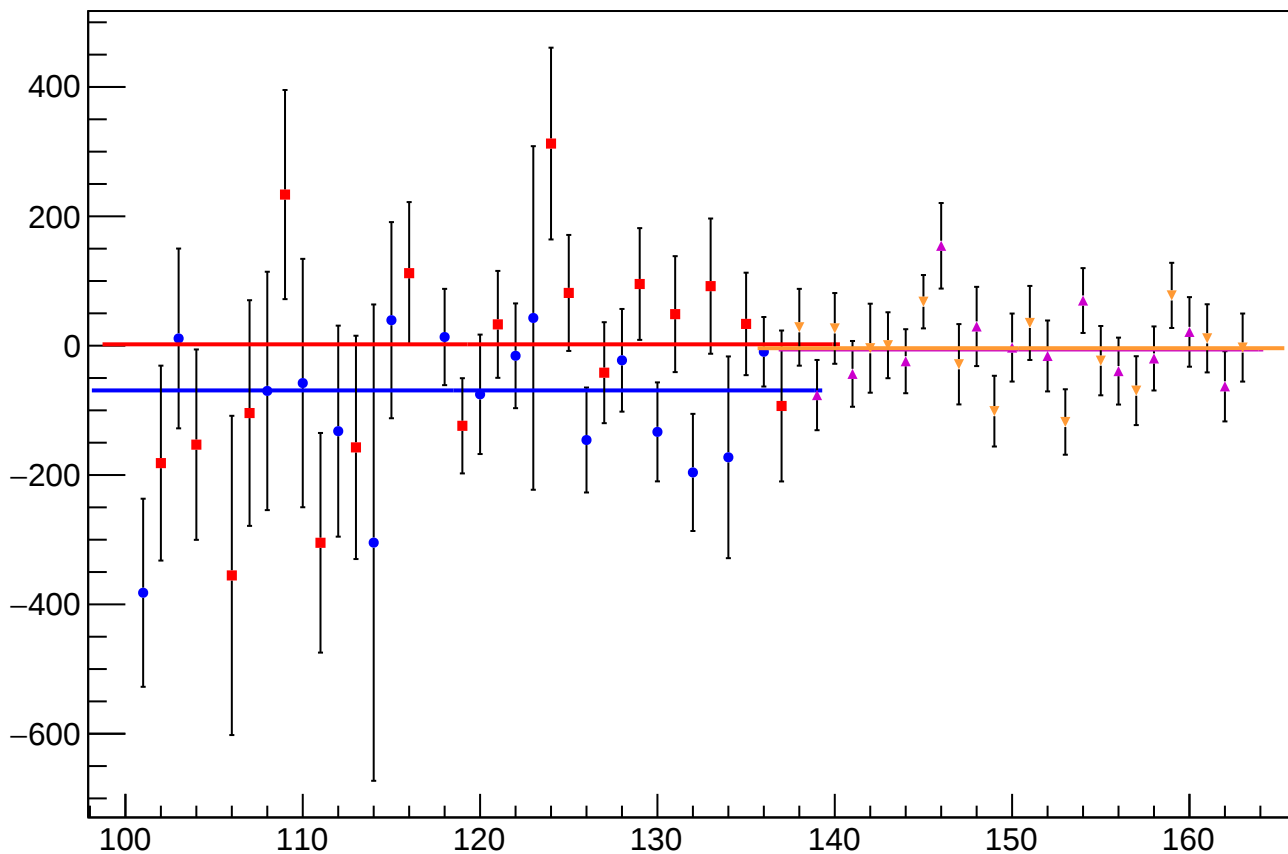
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.641+/-0.088 χ^2/NDF : 577974.8/11

Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

All: 384.709+/-0.061 χ^2/NDF : 1461856.5/25

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: -3.913 ± 14.275 χ^2/NDF : 16.9/13

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -5.897 ± 15.453 χ^2/NDF : 12.7/11

Left: -4.826 ± 10.486 χ^2/NDF : 29.6/25

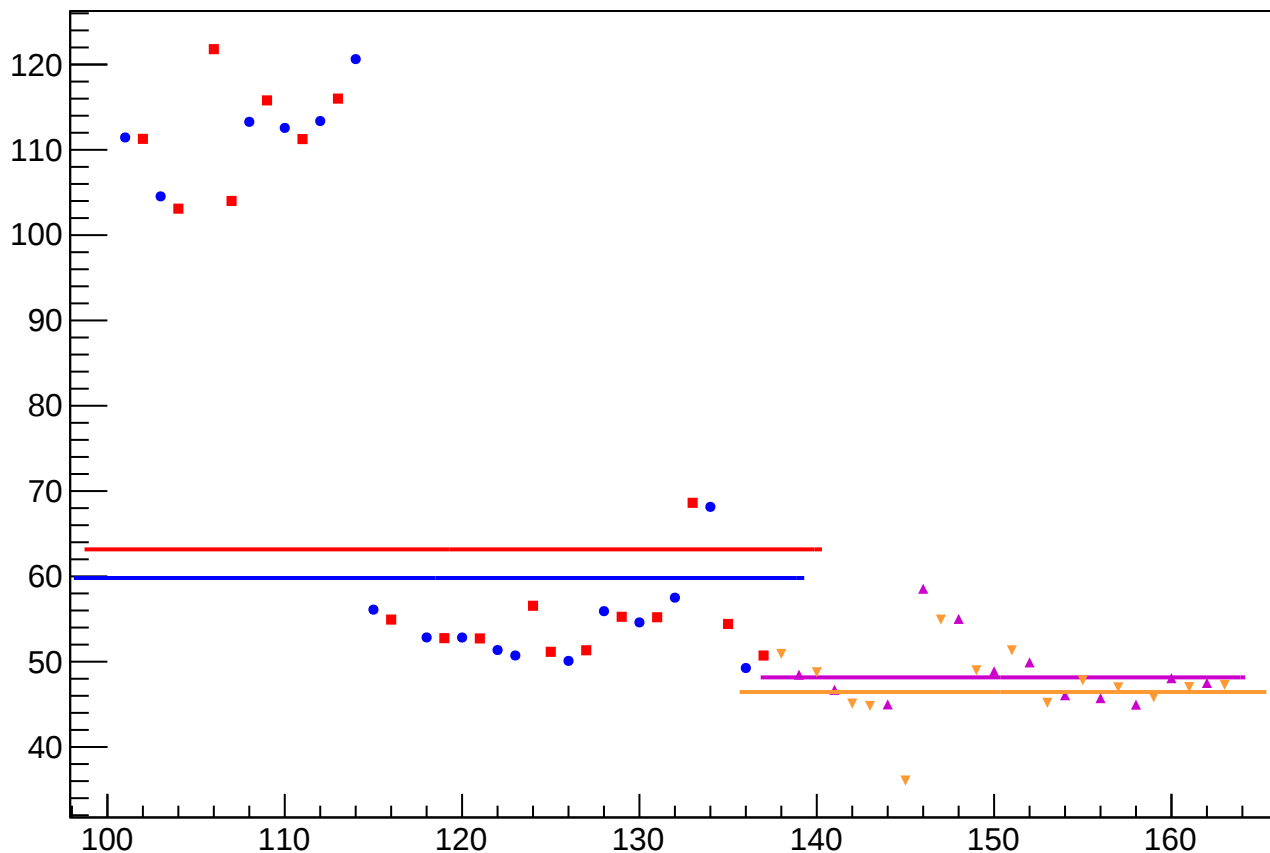
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -24.164 ± 13.033 χ^2/NDF : 31.1/28

Out: -2.456 ± 12.419 χ^2/NDF : 40.7/31

All: -12.786 ± 8.991 χ^2/NDF : 73.2/60

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.447+/-0.010 χ^2/NDF : 204396.0/13

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 48.160+/-0.011 χ^2/NDF : 103245.1/11

Left: 47.235+/-0.007 χ^2/NDF : 320906.0/25

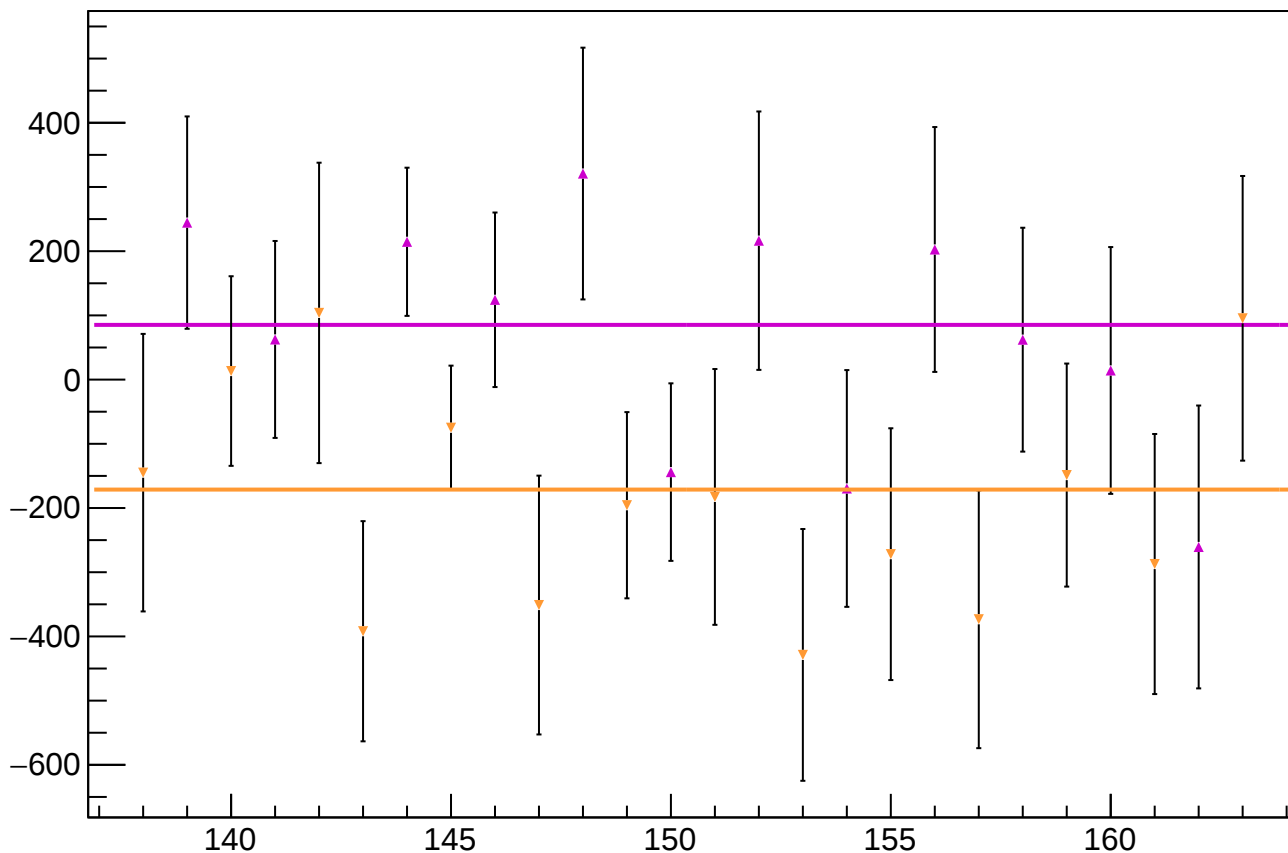
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 51.522+/-0.009 χ^2/NDF : 1661256.2/28

Out: 50.512+/-0.009 χ^2/NDF : 2258692.7/31

All: 50.992+/-0.006 χ^2/NDF : 3926249.0/60

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -171.287 ± 45.715 $\chi^2/\text{NDF}: 11.2/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 85.216 ± 47.201 $\chi^2/\text{NDF}: 11.8/11$

Left: -47.137 ± 32.838 $\chi^2/\text{NDF}: 38.3/25$

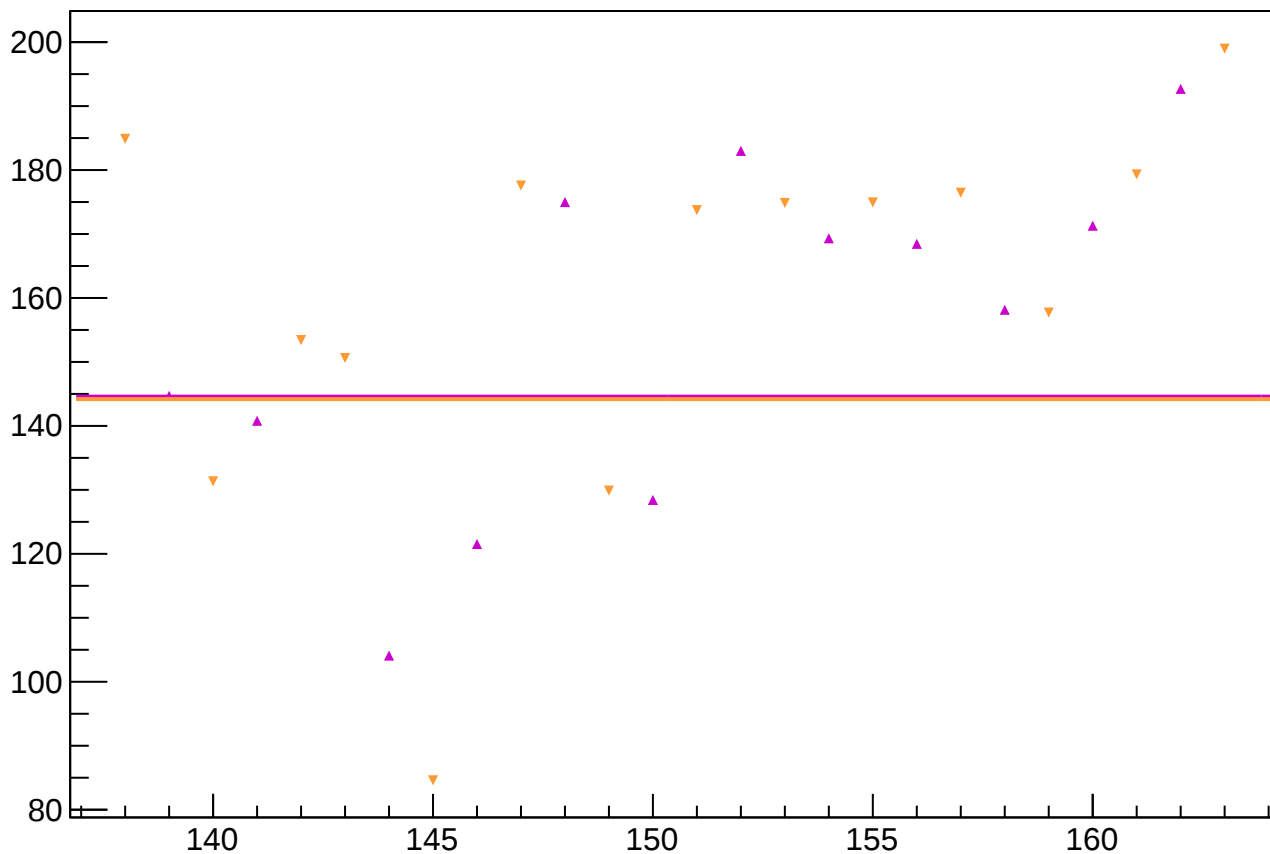
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 85.216 ± 47.201 $\chi^2/\text{NDF}: 11.8/11$

Out: -171.287 ± 45.715 $\chi^2/\text{NDF}: 11.2/13$

All: -47.137 ± 32.838 $\chi^2/\text{NDF}: 38.3/25$

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: 144.194+/-0.032 χ^2/NDF :1313831.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Left: 144.379+/-0.023 χ^2/NDF : 1980668.9/25

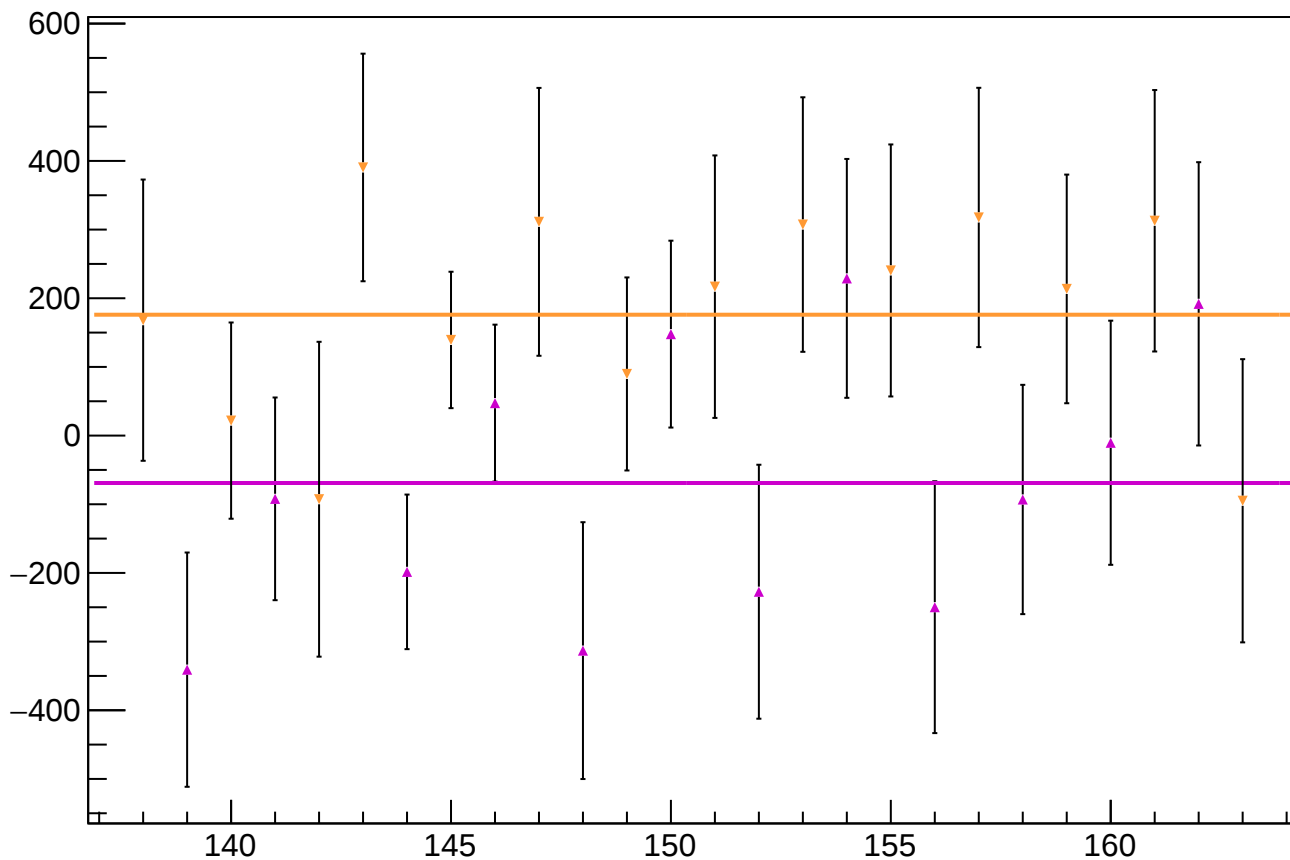
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Out: 144.194+/-0.032 χ^2/NDF :1313831.3/13

All: 144.379+/-0.023 χ^2/NDF : 1980668.9/25

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: 176.040 $\pm$ 44.370 χ^2 /NDF:8.7/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -69.044 $\pm$ 44.656 χ^2 /NDF:15.5/11

Left: 54.284 $\pm$ 31.475 χ^2 /NDF: 39.4/25

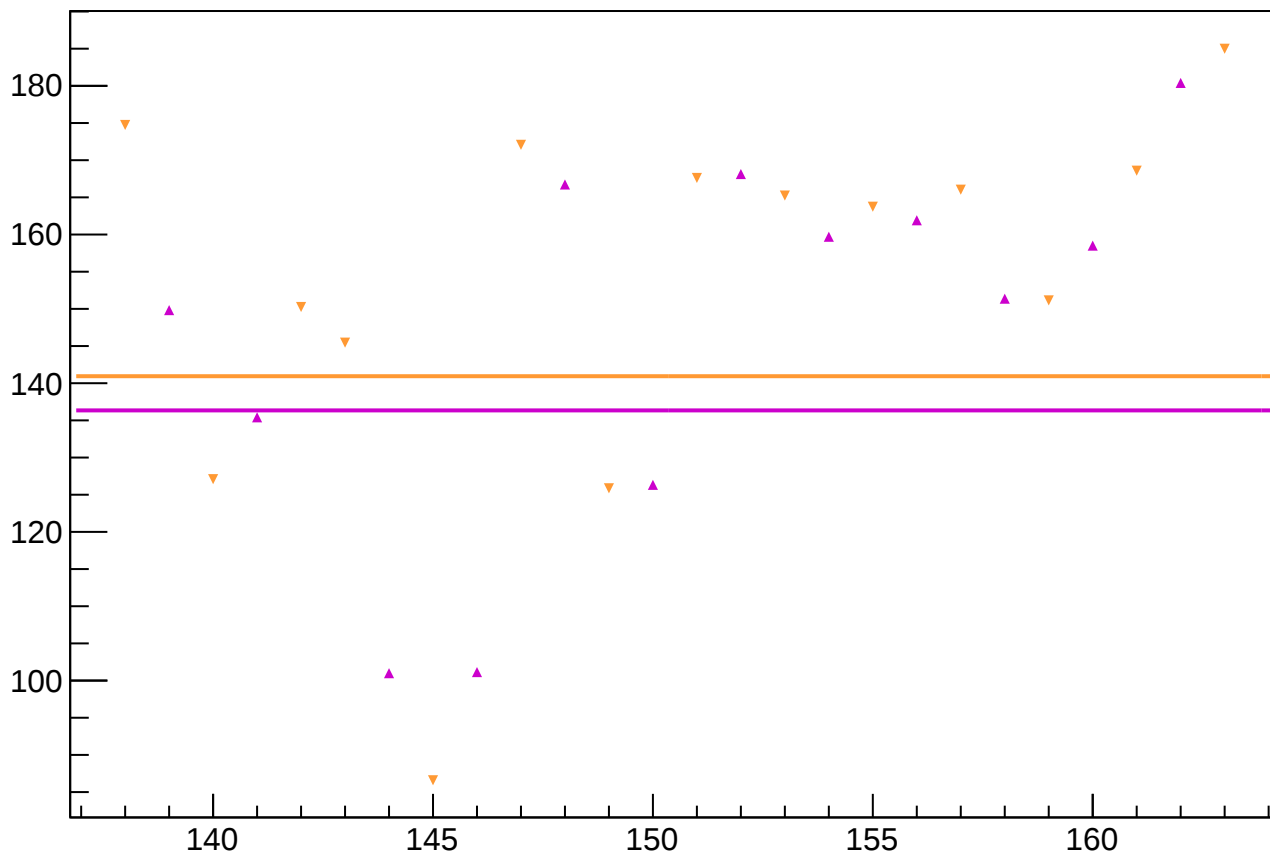
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -69.044 $\pm$ 44.656 χ^2 /NDF:15.5/11

Out: 176.040 $\pm$ 44.370 χ^2 /NDF:8.7/13

All: 54.284 $\pm$ 31.475 χ^2 /NDF: 39.4/25

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 136.343+/-0.032 χ^2/NDF :735989.6/11

Left: 138.657+/-0.022 χ^2/NDF : 1778039.0/25

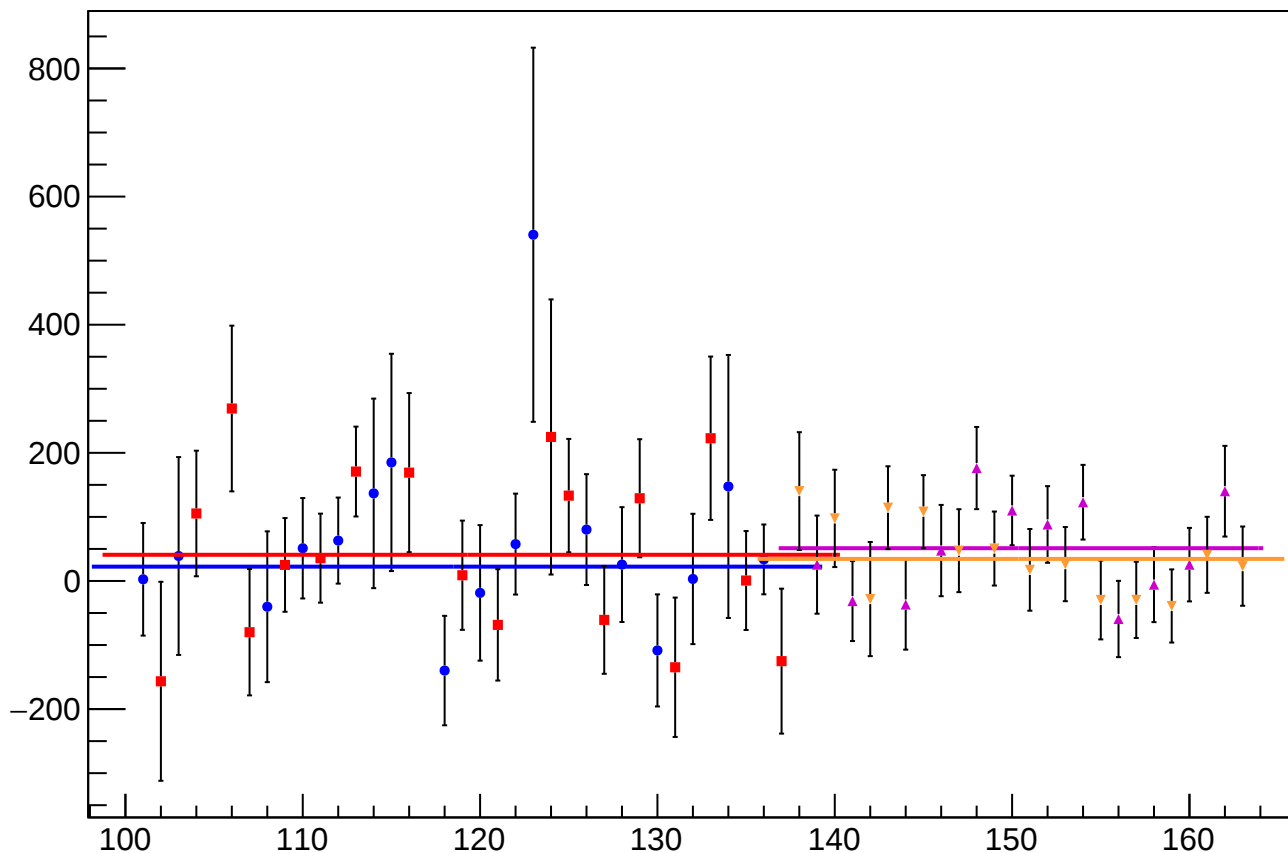
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.343+/-0.032 χ^2/NDF :735989.6/11

Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

All: 138.657+/-0.022 χ^2/NDF : 1778039.0/25

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 34.437 $\pm$ 17.035 χ^2 /NDF: 9.9/13

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 51.147 $\pm$ 18.082 χ^2 /NDF: 16.5/11

Left: 42.295 $\pm$ 12.399 χ^2 /NDF: 26.8/25

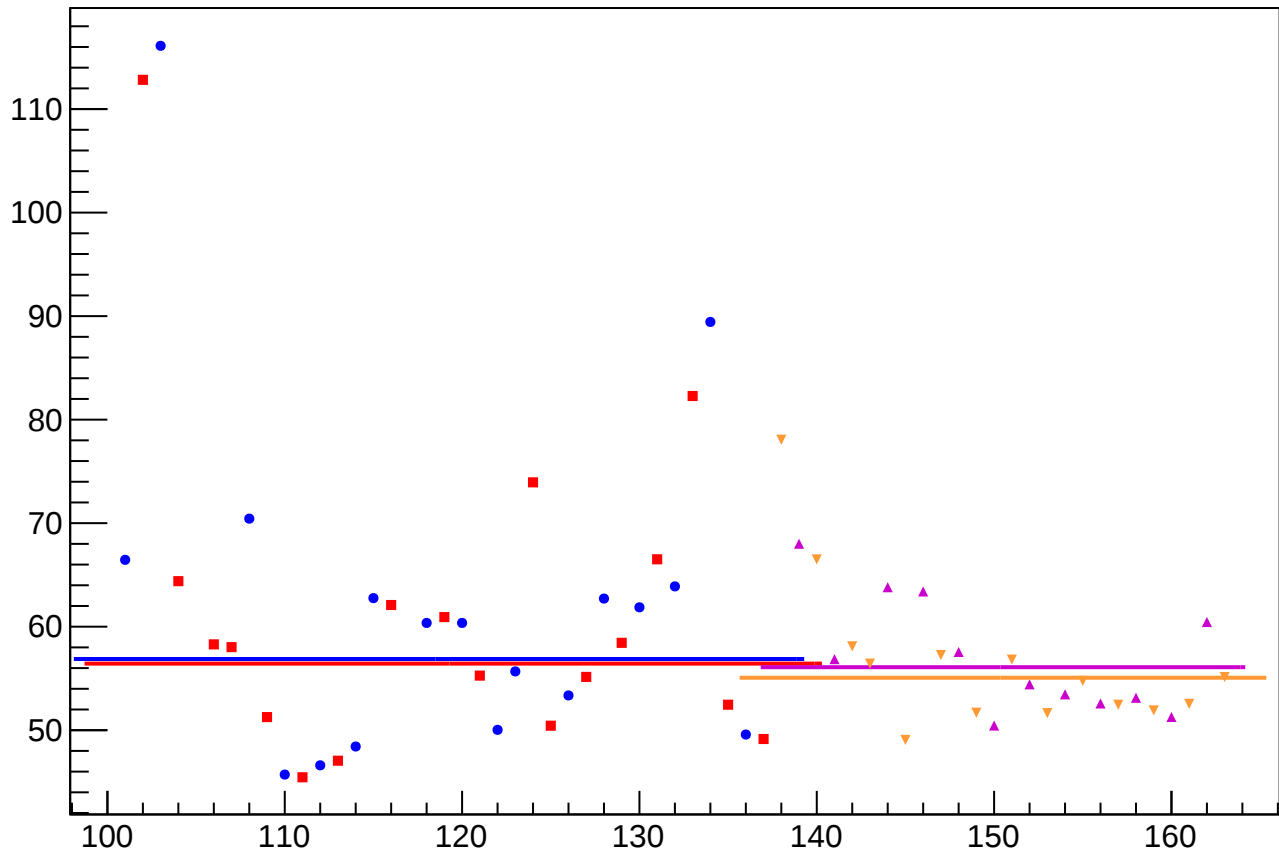
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 39.928 $\pm$ 14.125 χ^2 /NDF: 30.1/28

Out: 36.829 $\pm$ 13.500 χ^2 /NDF: 34.1/31

All: 38.308 $\pm$ 9.759 χ^2 /NDF: 64.2/60

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: 55.069 $\pm$ 0.012 χ^2 /NDF: 226946.7/13

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.088 $\pm$ 0.013 χ^2 /NDF: 155803.0/11

Left: 55.548 $\pm$ 0.009 χ^2 /NDF: 386113.5/25

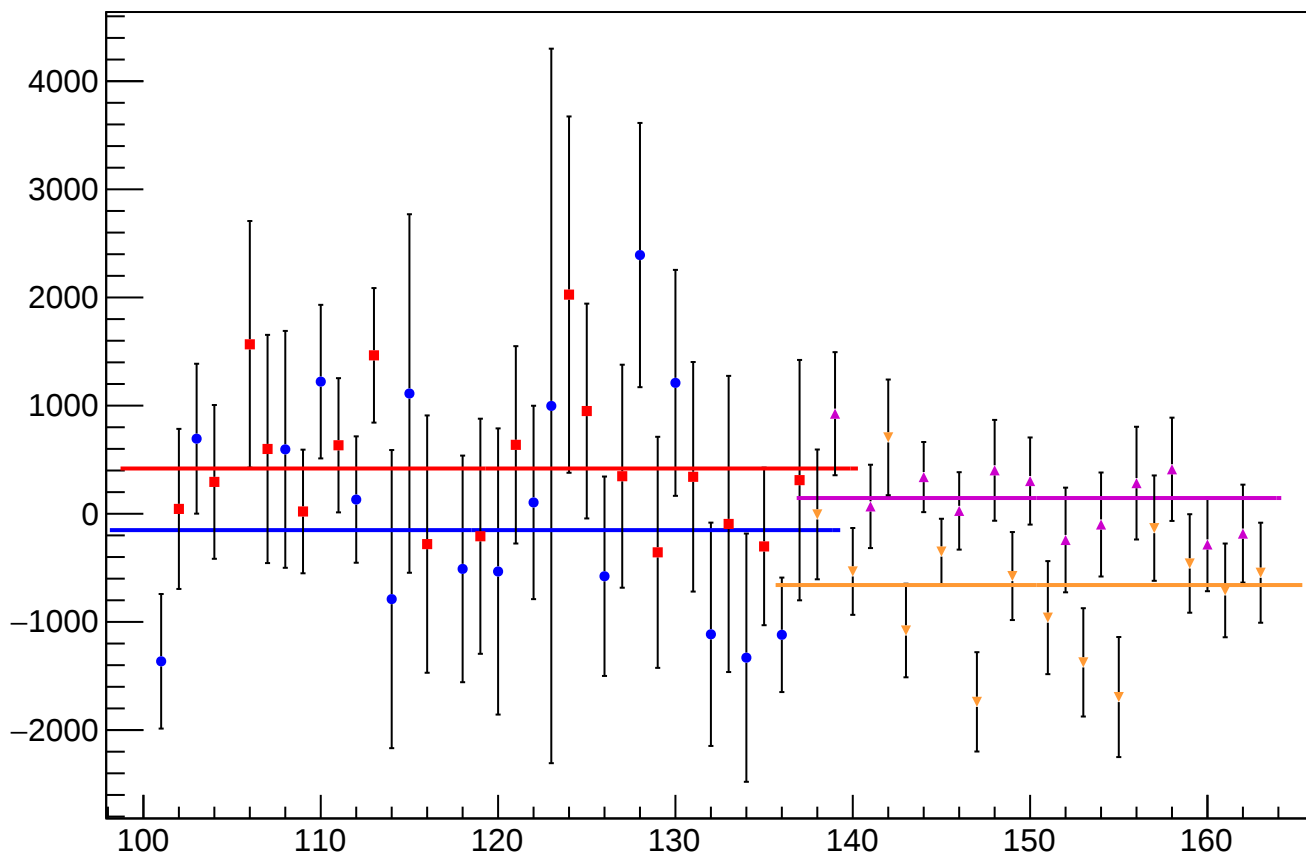
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.396 $\pm$ 0.010 χ^2 /NDF: 732782.3/28

Out: 55.577 $\pm$ 0.010 χ^2 /NDF: 752181.1/31

All: 55.968 $\pm$ 0.007 χ^2 /NDF: 1488480.6/60

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: -659.031 $\pm$ 120.043 χ^2 /NDF:22.6/13

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 145.540 $\pm$ 124.228 χ^2 /NDF:5.6/11

Left: -270.527 $\pm$ 86.325 χ^2 /NDF: 50.0/25

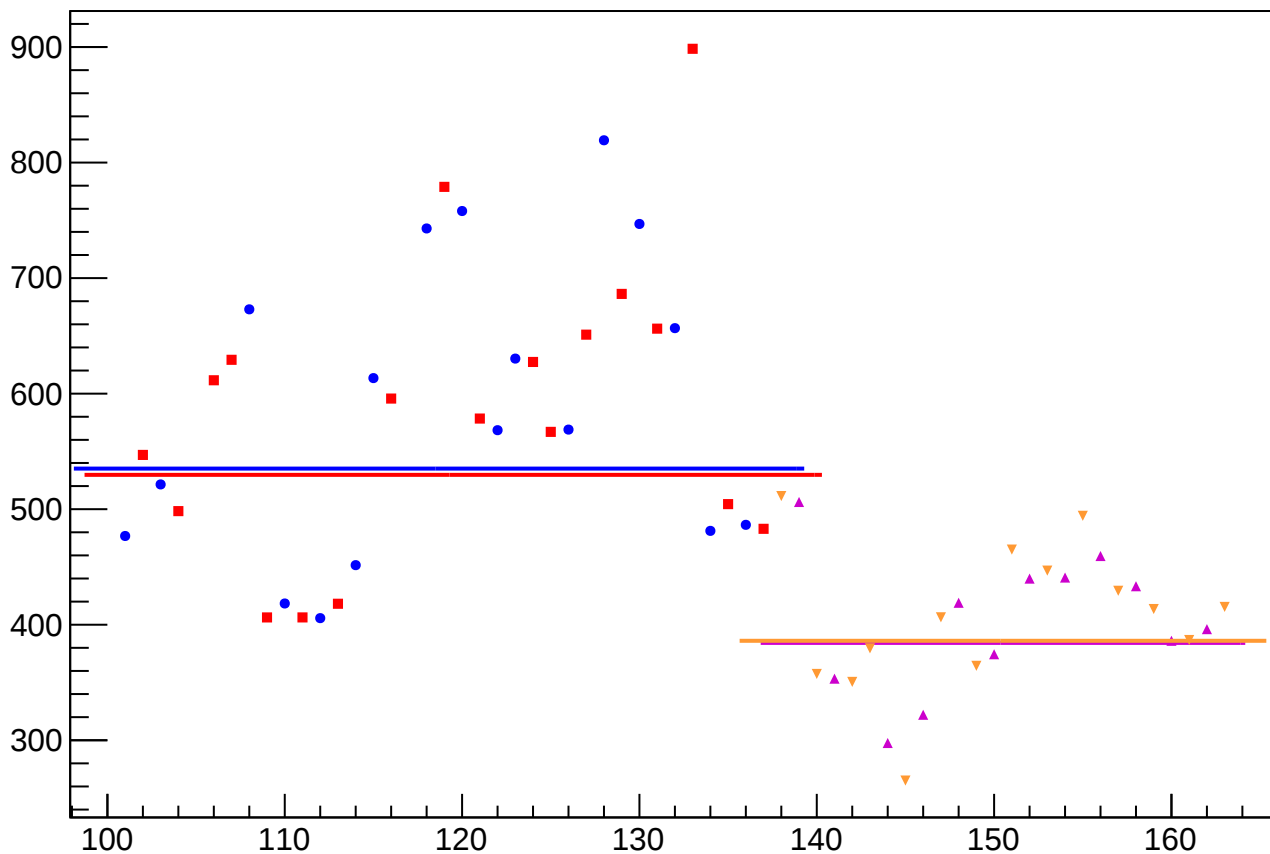
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 69.931 $\pm$ 107.239 χ^2 /NDF:29.5/28

Out: -384.002 $\pm$ 103.597 χ^2 /NDF:51.6/31

All: -164.875 $\pm$ 74.509 χ^2 /NDF: 90.4/60

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 386.091 $\pm$ 0.085 χ^2 /NDF: 616363.2/13

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 384.273 $\pm$ 0.088 χ^2 /NDF: 438528.1/11

Left: 385.213 $\pm$ 0.061 χ^2 /NDF: 1055112.8/25

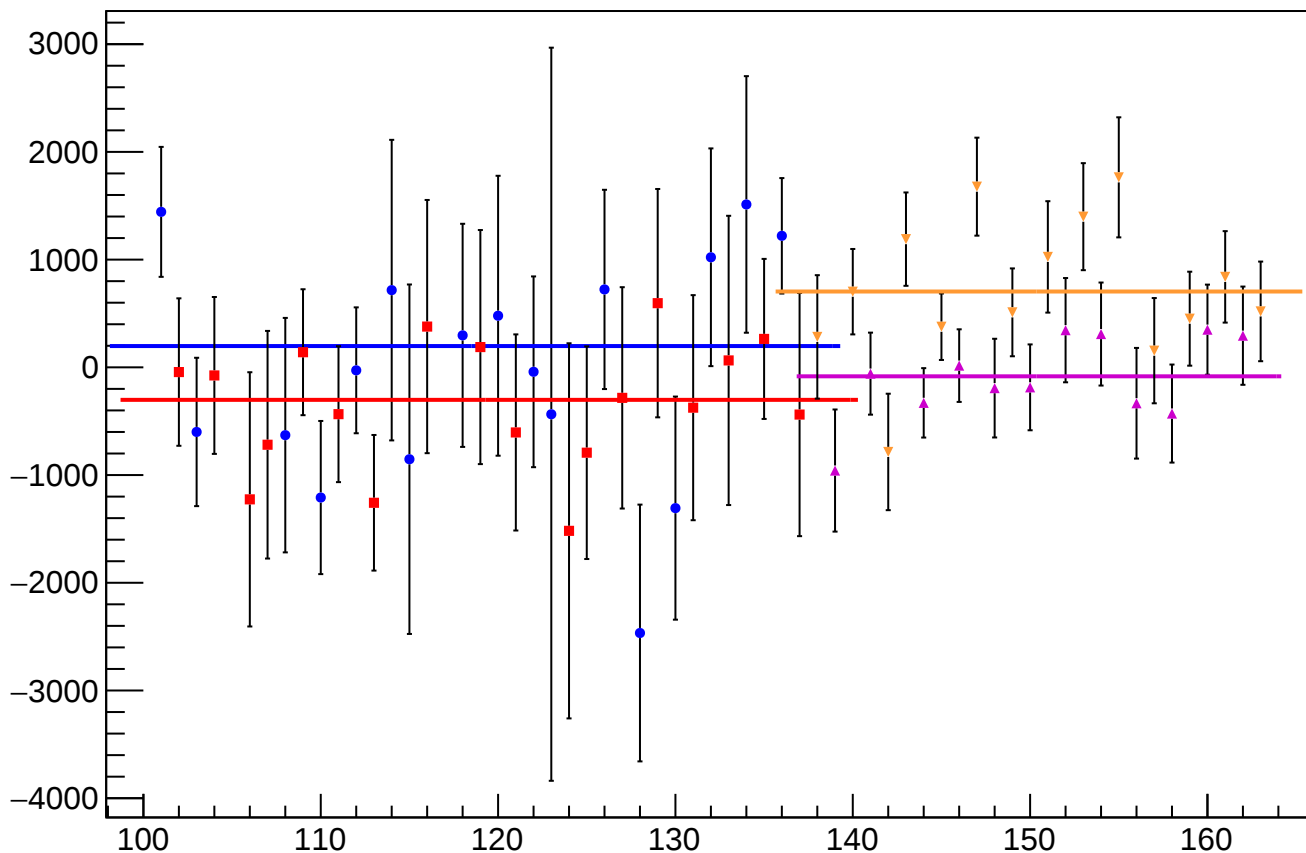
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 422.714 $\pm$ 0.076 χ^2 /NDF: 1786182.4/28

Out: 422.749 $\pm$ 0.073 χ^2 /NDF: 1993838.4/31

All: 422.732 $\pm$ 0.053 χ^2 /NDF: 3780020.9/60

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 703.919 $\pm$ 119.368 χ^2 /NDF:23.1/13

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -83.358 $\pm$ 121.897 χ^2 /NDF:7.2/11

Left: 318.532 $\pm$ 85.286 χ^2 /NDF: 51.6/25

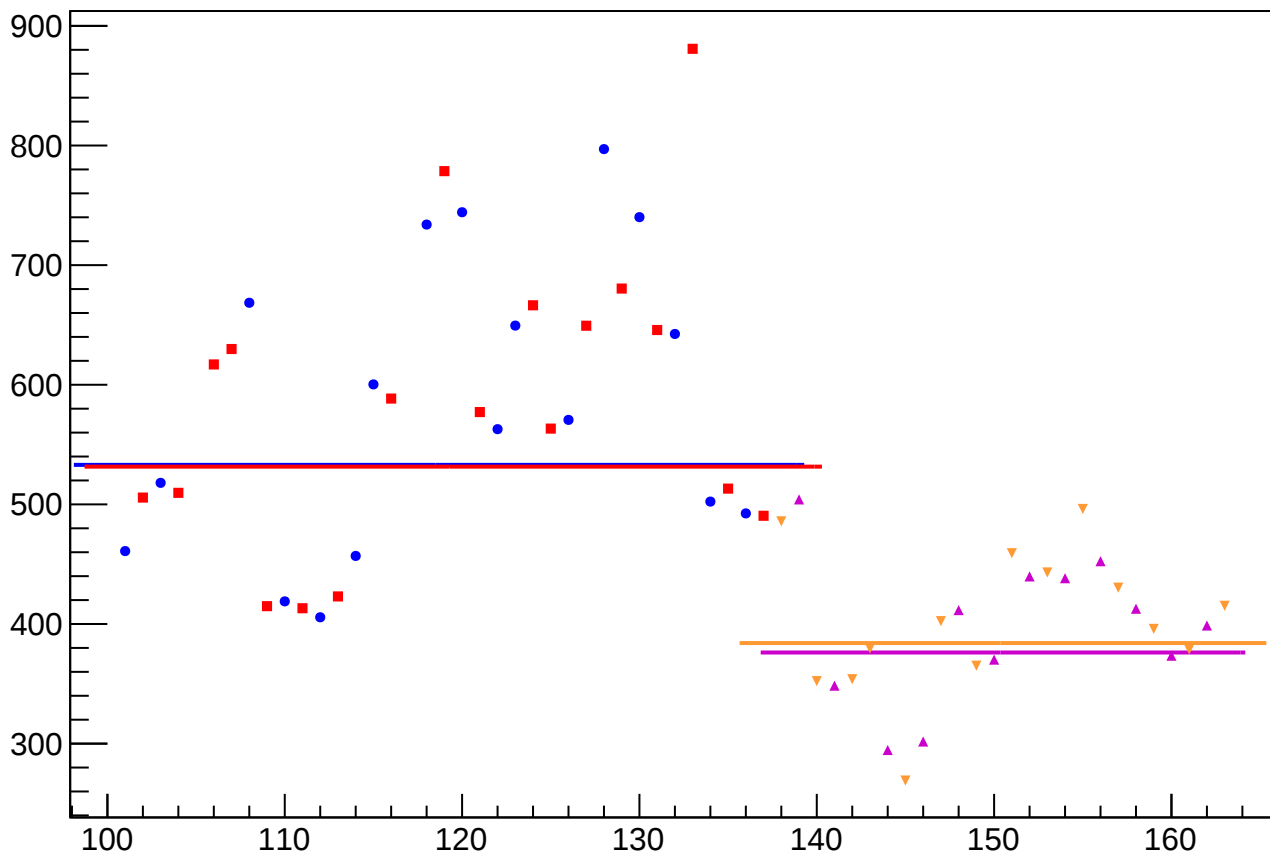
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -13.302 $\pm$ 105.609 χ^2 /NDF:32.5/28

Out: 450.547 $\pm$ 103.243 χ^2 /NDF:47.7/31

All: 223.876 $\pm$ 73.826 χ^2 /NDF: 90.0/60

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 384.087 $\pm$ 0.084 χ^2 /NDF: 547565.0/13

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 376.182 $\pm$ 0.086 χ^2 /NDF: 480863.4/11

Left: 380.217 $\pm$ 0.060 χ^2 /NDF: 1032722.6/25

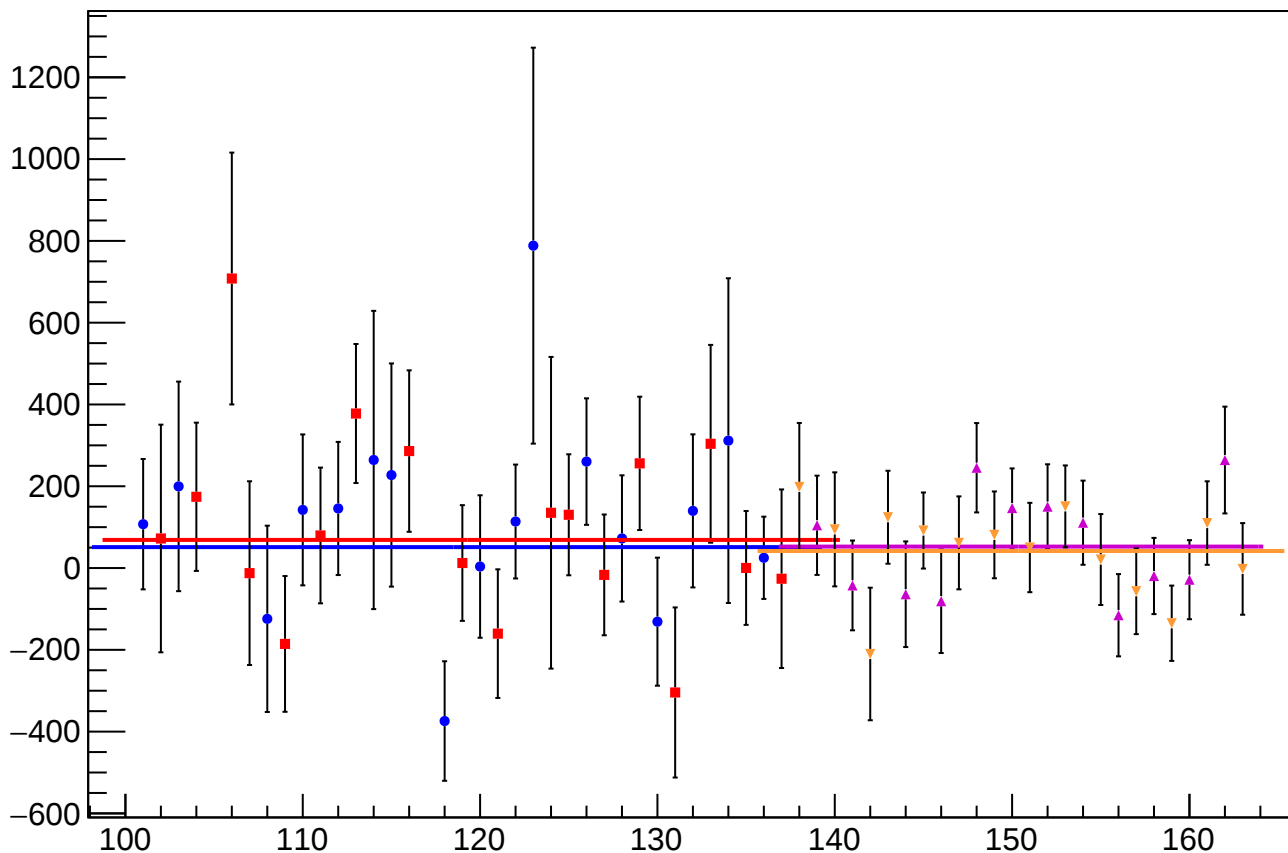
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 415.297 $\pm$ 0.075 χ^2 /NDF: 1873521.0/28

Out: 421.238 $\pm$ 0.073 χ^2 /NDF: 1914494.9/31

All: 418.335 $\pm$ 0.052 χ^2 /NDF: 3791251.6/60

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 41.621 $\pm$ 29.637 χ^2 /NDF:10.9/13

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 52.455 $\pm$ 31.151 χ^2 /NDF:14.8/11

Left: 46.768 $\pm$ 21.472 χ^2 /NDF: 25.8/25

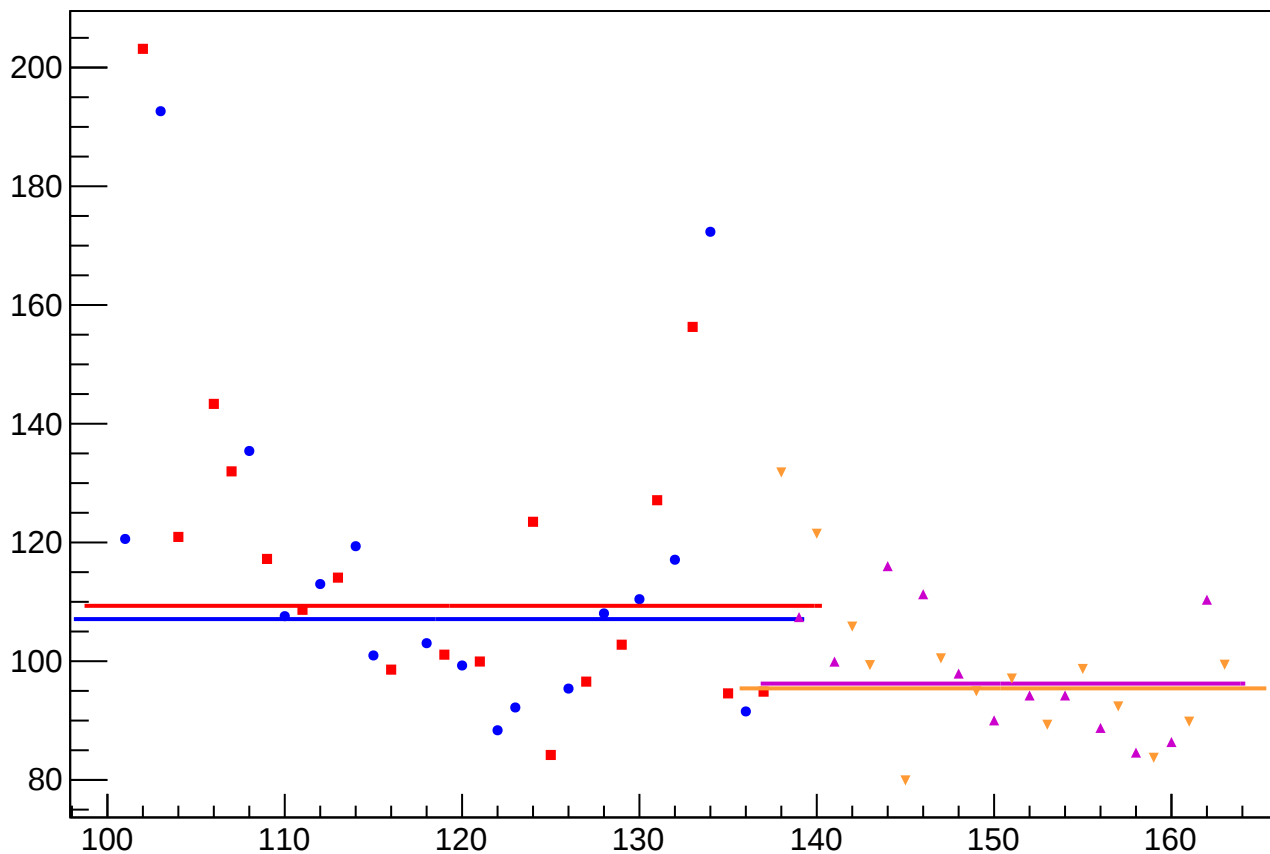
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 52.003 $\pm$ 25.107 χ^2 /NDF:32.2/28

Out: 50.422 $\pm$ 24.366 χ^2 /NDF:31.6/31

All: 51.189 $\pm$ 17.486 χ^2 /NDF: 63.8/60

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: 95.423 $\pm$ 0.021 χ^2/NDF :300273.4/13

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 96.230 $\pm$ 0.022 χ^2/NDF :190875.2/11

Left: 95.806 $\pm$ 0.015 χ^2/NDF : 491853.1/25

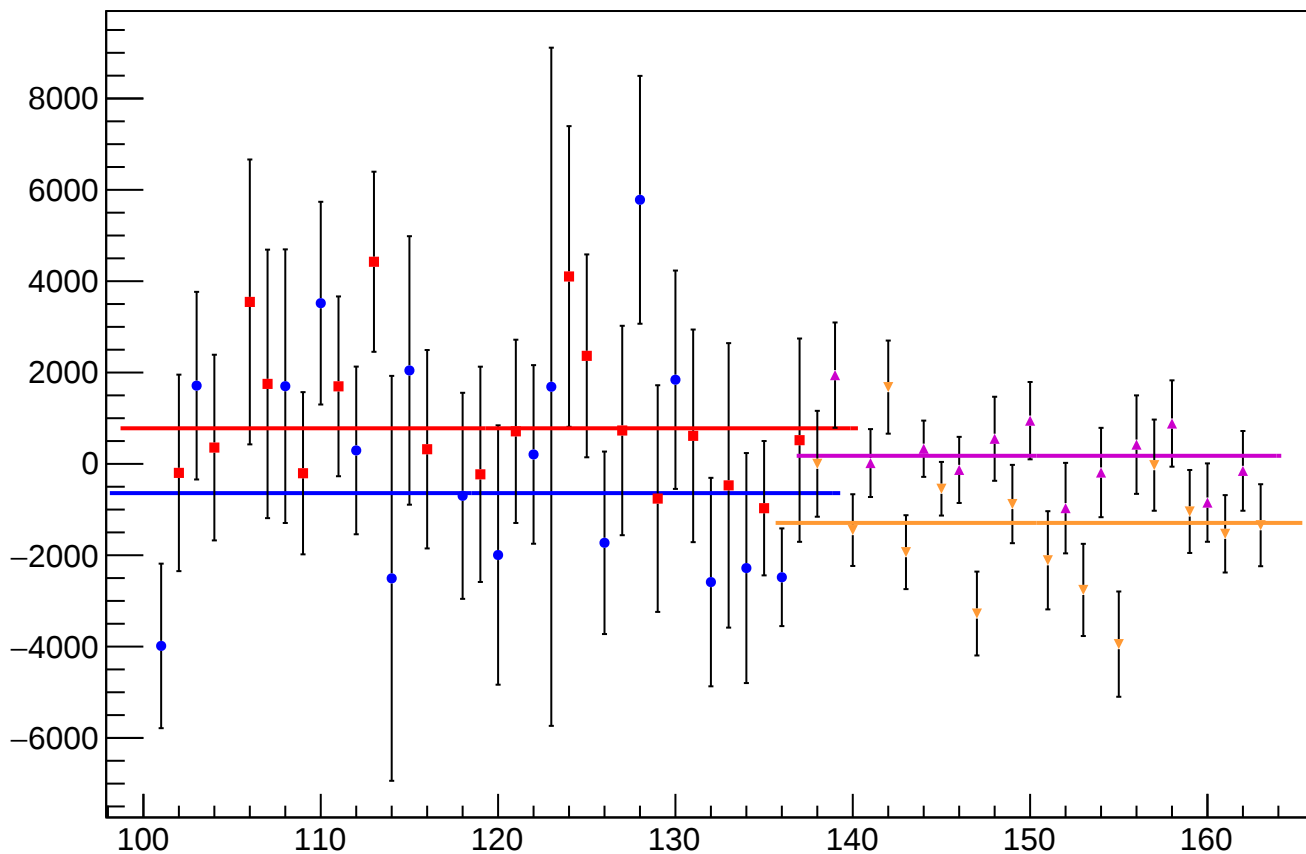
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 100.036 $\pm$ 0.018 χ^2/NDF :713864.2/28

Out: 99.929 $\pm$ 0.017 χ^2/NDF :948996.9/31

All: 99.981 $\pm$ 0.012 χ^2/NDF : 1662879.9/60

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1292.088+/-237.338 χ^2/NDF : 26.7/13

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 177.225+/-246.955 χ^2/NDF : 7.3/11

Left: -586.596+/-171.122 χ^2/NDF : 52.4/25

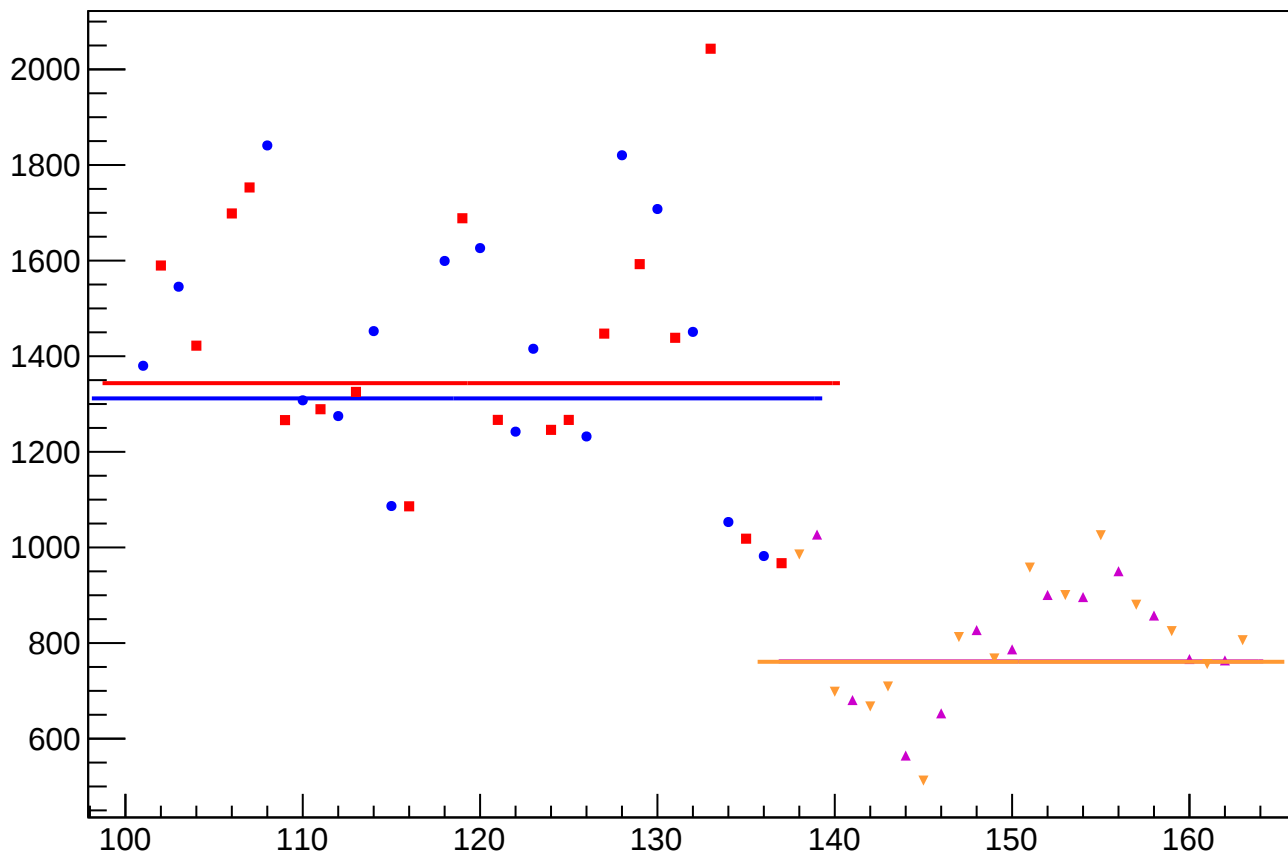
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 26.500+/-223.017 χ^2/NDF : 31.1/28

Out: -930.880+/-215.656 χ^2/NDF : 48.8/31

All: -468.250+/-155.029 χ^2/NDF : 89.4/60

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 760.823+/-0.168 χ^2/NDF : 732055.2/13

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 761.699+/-0.175 χ^2/NDF : 550143.4/11

Left: 761.244+/-0.121 χ^2/NDF : 1282211.7/25

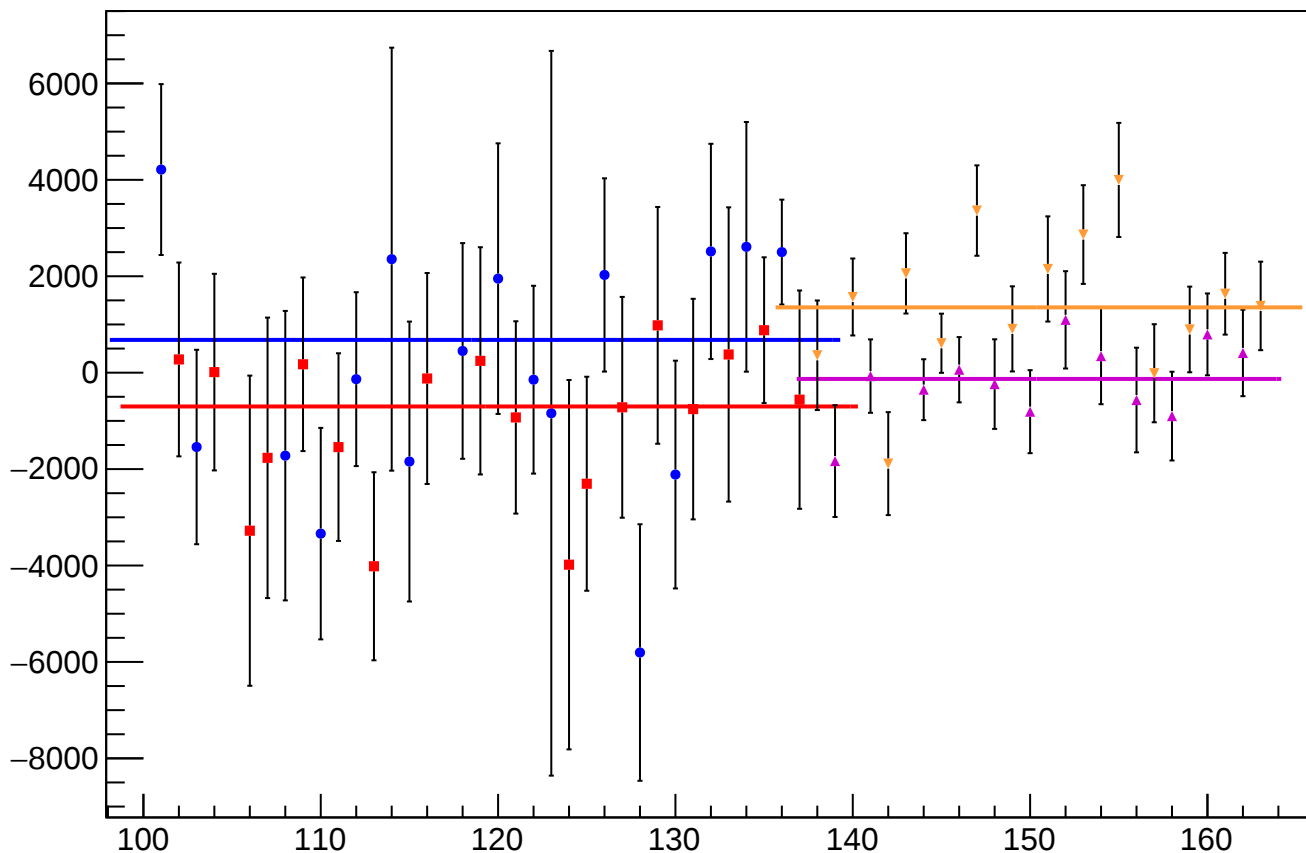
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 863.175+/-0.158 χ^2/NDF : 2893438.1/28

Out: 862.451+/-0.152 χ^2/NDF : 3296126.9/31

All: 862.801+/-0.110 χ^2/NDF : 6189575.9/60

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1354.828+/-242.114 χ^2/NDF : 27.0/13

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -129.664+/-247.619 χ^2/NDF : 7.1/11

Left: 629.264+/-173.114 χ^2/NDF : 52.4/25

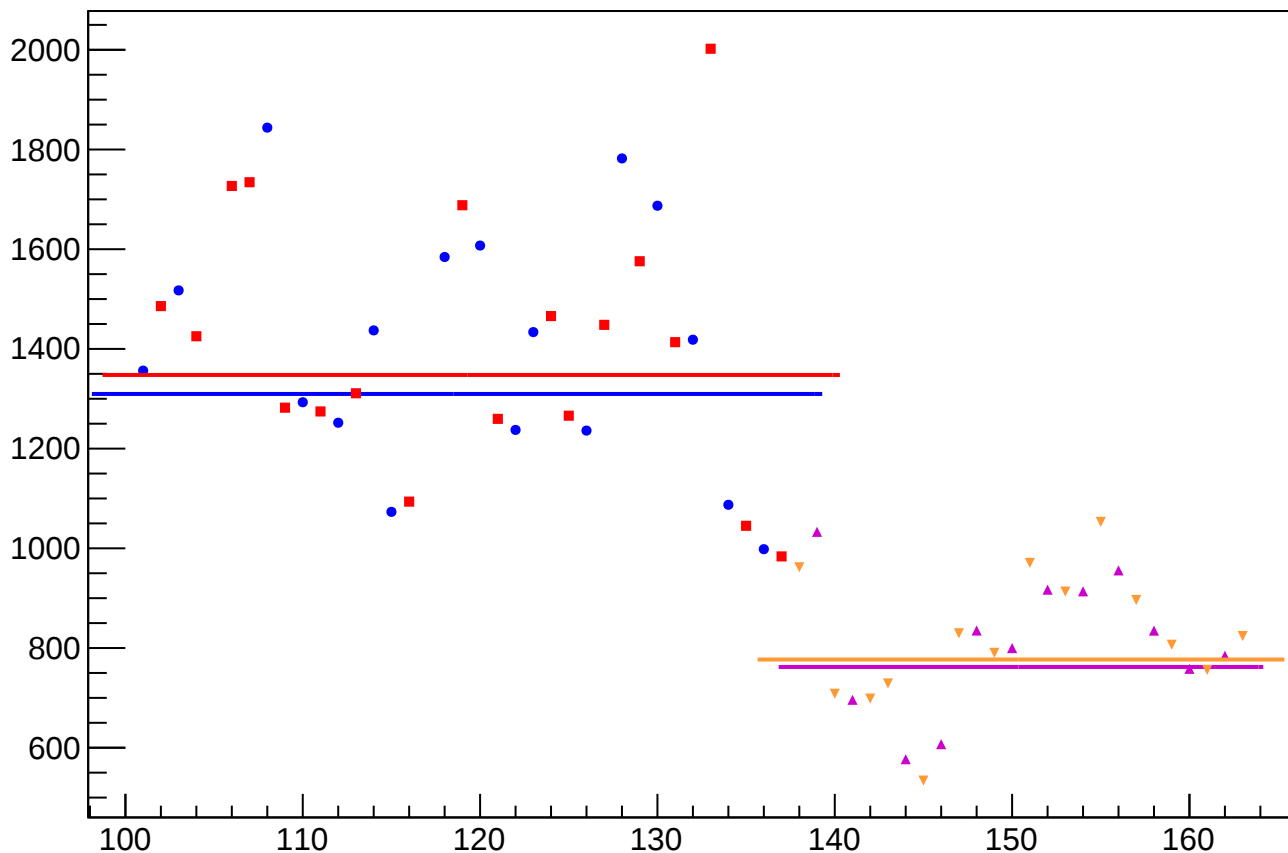
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 21.158+/-223.366 χ^2/NDF : 31.7/28

Out: 985.444+/-219.286 χ^2/NDF : 47.5/31

All: 512.187+/-156.481 χ^2/NDF : 88.7/60

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 776.912 $\pm$ 0.171 χ^2/NDF : 648881.1/13

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 762.004 $\pm$ 0.175 χ^2/NDF : 587794.1/11

Left: 769.625 $\pm$ 0.122 χ^2/NDF : 1240381.6/25

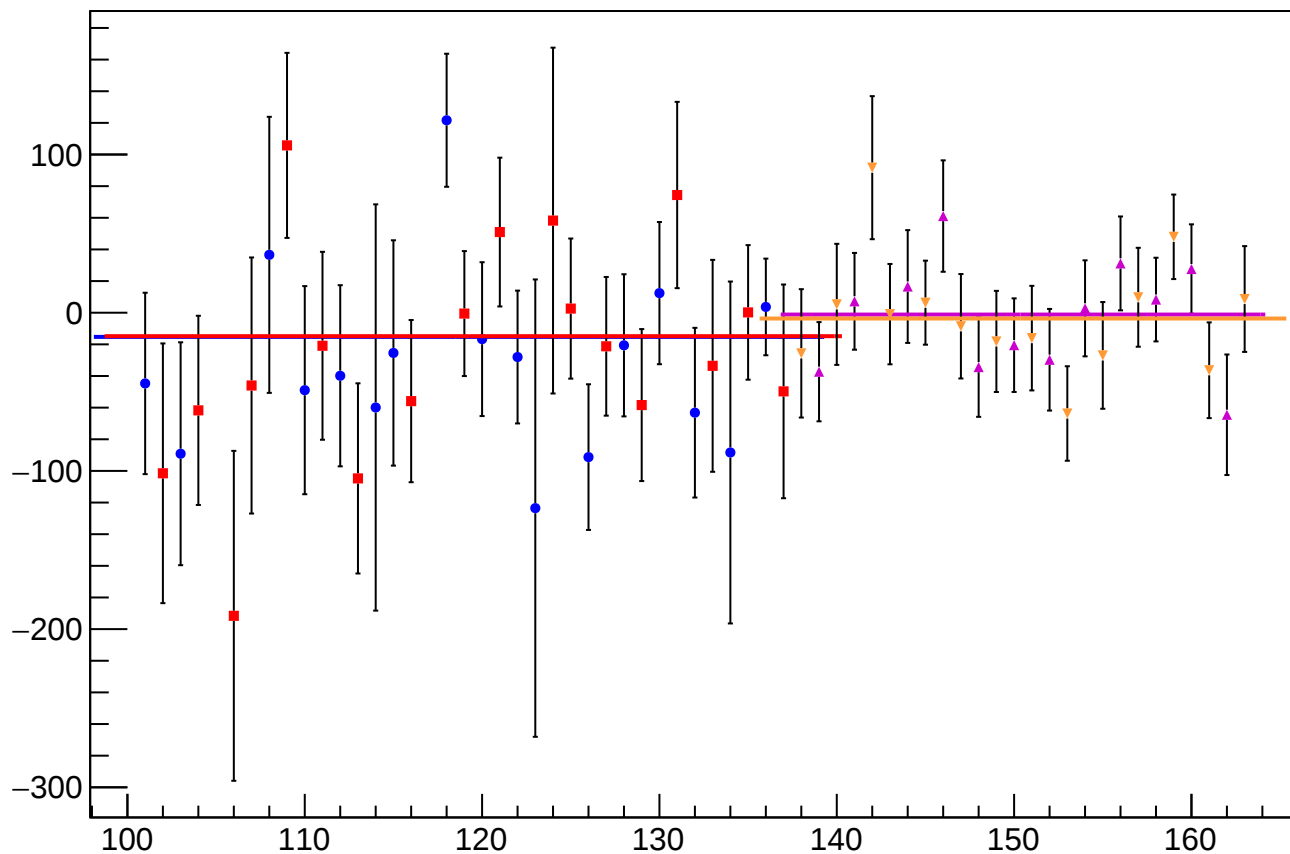
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 864.028 $\pm$ 0.158 χ^2/NDF : 2869619.6/28

Out: 879.485 $\pm$ 0.155 χ^2/NDF : 3052001.4/31

All: 871.899 $\pm$ 0.111 χ^2/NDF : 5926498.0/60

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: -3.671 ± 8.634 χ^2/NDF : 15.1/13

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -1.173 ± 8.981 χ^2/NDF : 12.2/11

Left: -2.472 ± 6.224 χ^2/NDF : 27.3/25

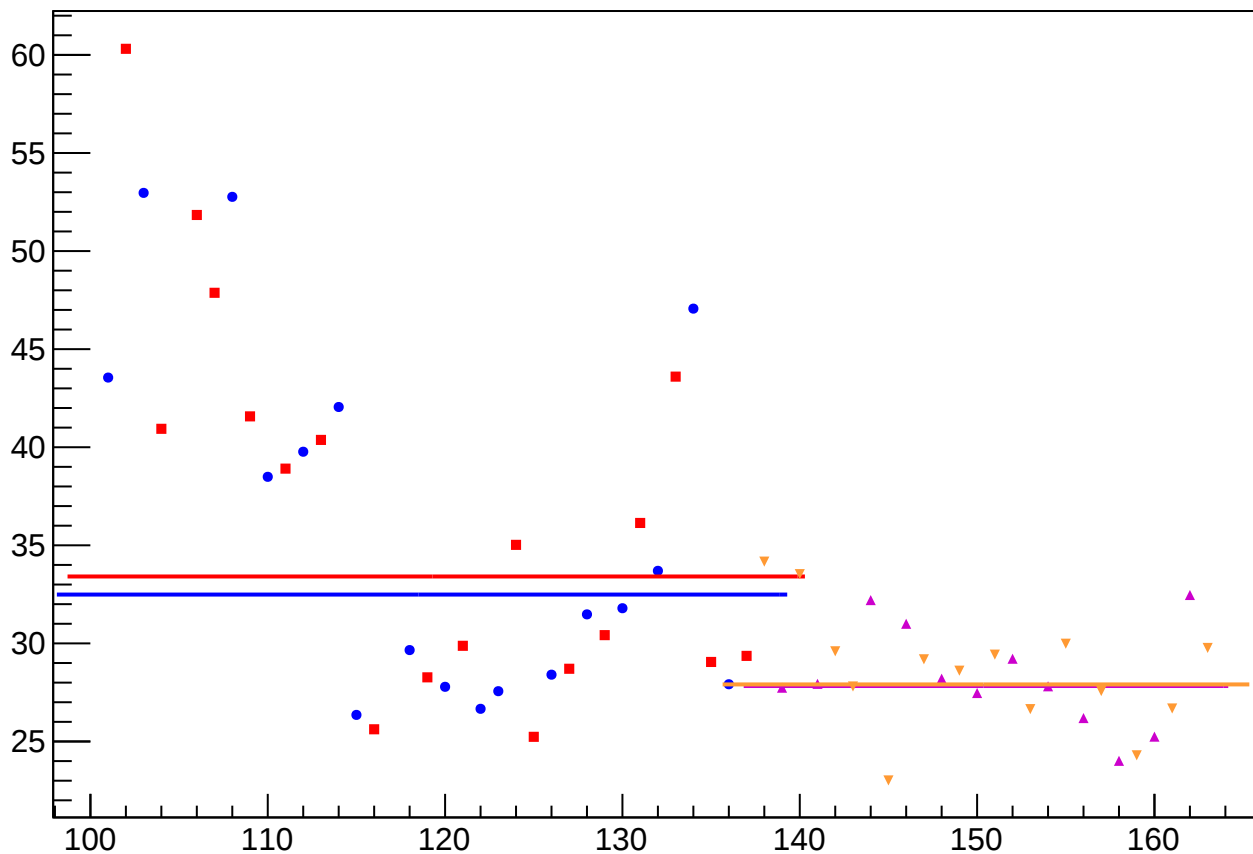
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.776 ± 7.372 χ^2/NDF : 31.4/28

Out: -7.054 ± 7.208 χ^2/NDF : 33.8/31

All: -6.429 ± 5.154 χ^2/NDF : 65.1/60

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.908+/-0.006 χ^2/NDF : 227211.7/13

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.827+/-0.006 χ^2/NDF : 144796.6/11

Left: 27.869+/-0.004 χ^2/NDF : 372093.8/25

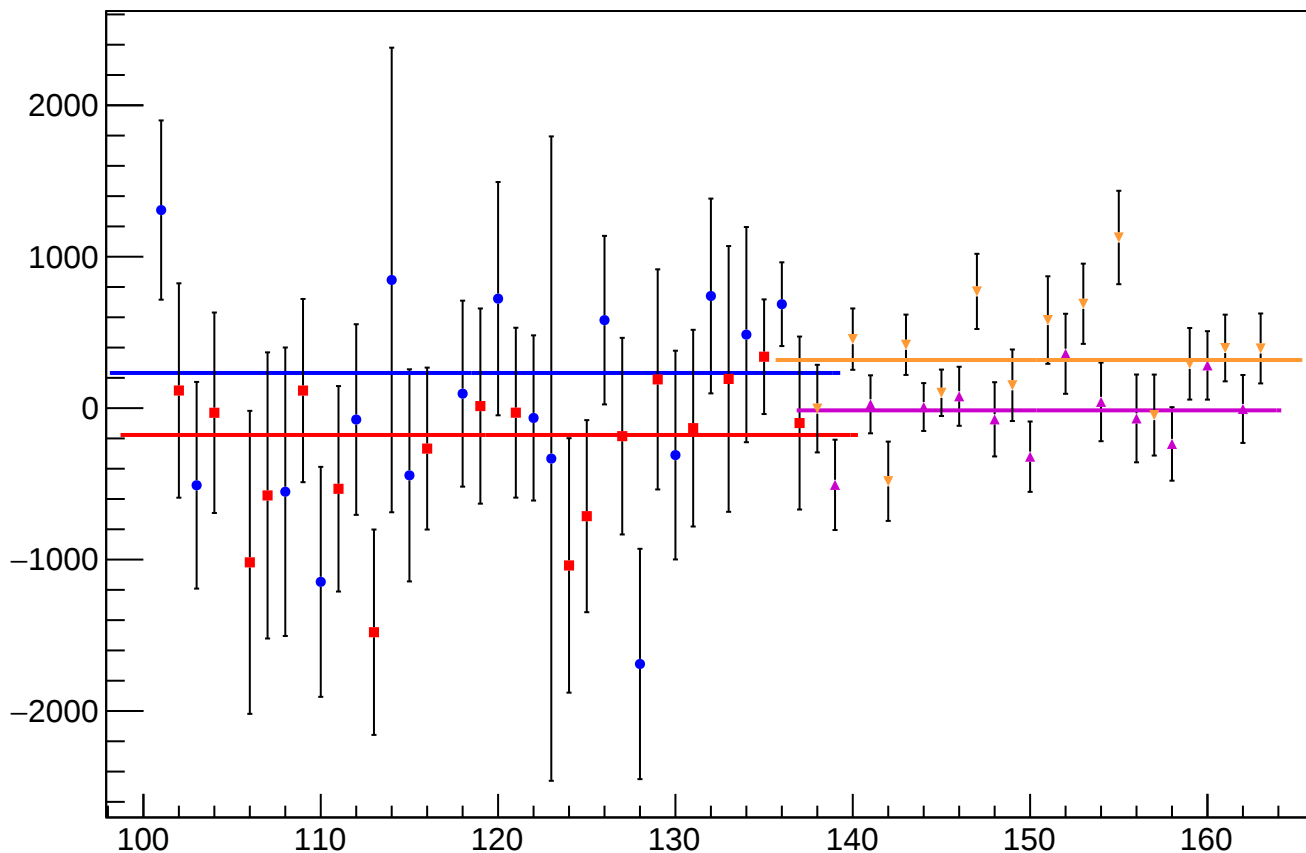
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 29.348+/-0.005 χ^2/NDF : 915100.5/28

Out: 29.575+/-0.005 χ^2/NDF : 1198508.7/31

All: 29.464+/-0.004 χ^2/NDF : 2114580.9/60

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: 317.924 $\pm$ 61.917 χ^2 /NDF:28.9/13

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -14.616 $\pm$ 64.887 χ^2 /NDF:9.4/11

Left: 159.438 $\pm$ 44.795 χ^2 /NDF: 52.1/25

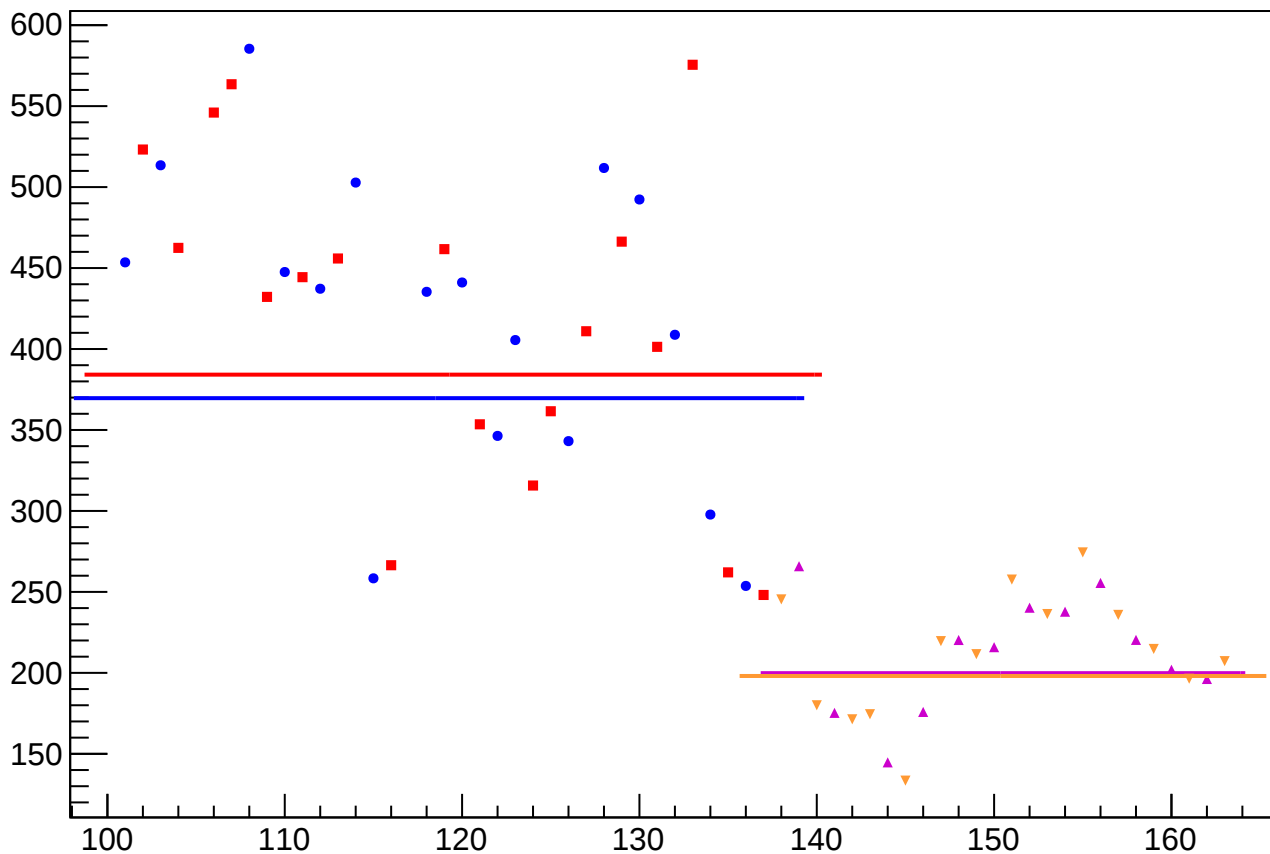
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 24.925 $\pm$ 59.465 χ^2 /NDF:33.2/28

Out: 245.853 $\pm$ 57.233 χ^2 /NDF:47.8/31

All: 139.614 $\pm$ 41.236 χ^2 /NDF: 88.2/60

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: 198.081 $\pm$ 0.044 χ^2 /NDF: 797741.6/13

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 199.822 $\pm$ 0.046 χ^2 /NDF: 606066.9/11

Left: 198.911 $\pm$ 0.032 χ^2 /NDF: 1404561.9/25

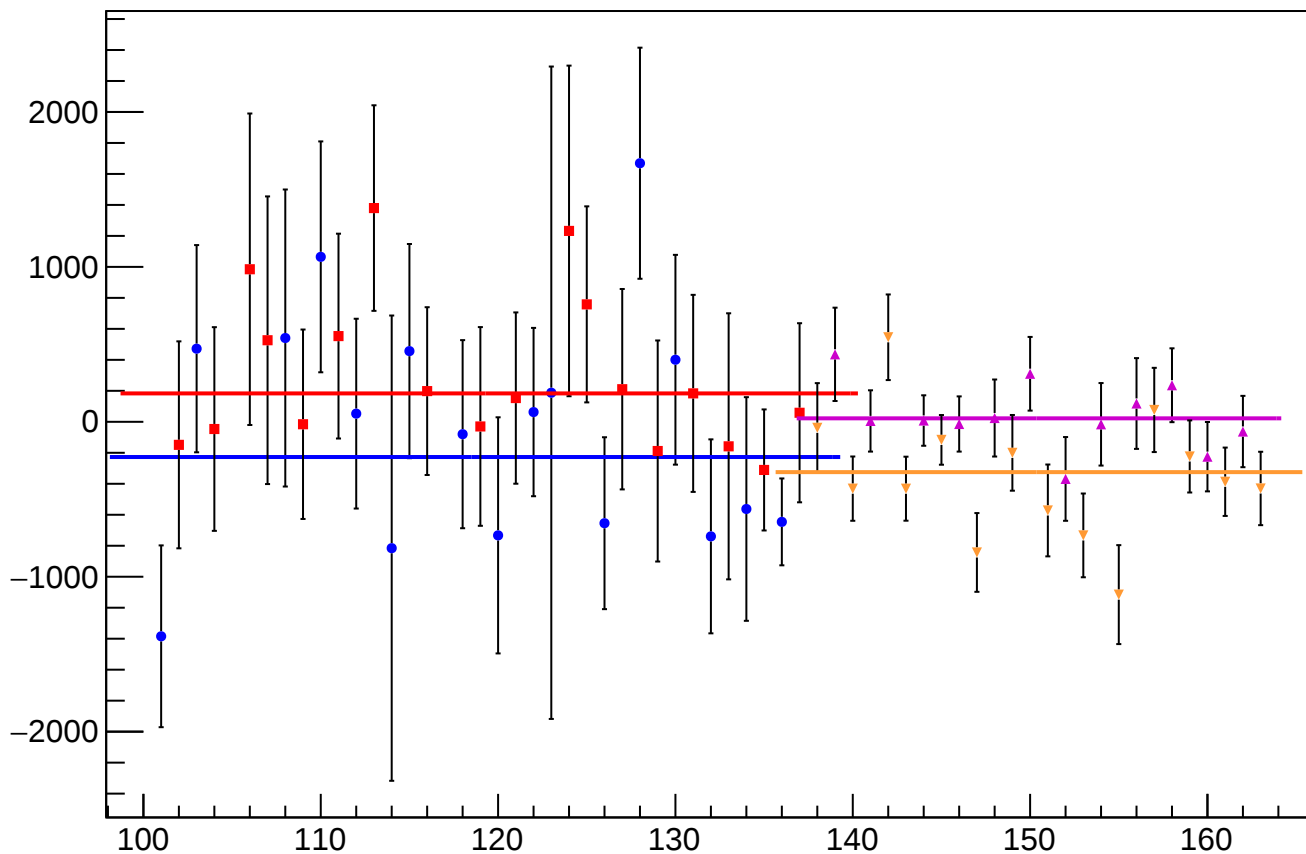
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 227.015 $\pm$ 0.042 χ^2 /NDF: 3702576.1/28

Out: 225.172 $\pm$ 0.040 χ^2 /NDF: 4302693.7/31

All: 226.058 $\pm$ 0.029 χ^2 /NDF: 8006267.6/60

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -324.762 ± 63.484 χ^2/NDF : 29.3/13

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: 22.412 ± 65.167 χ^2/NDF : 7.8/11

Left: -155.717 ± 45.473 χ^2/NDF : 51.6/25

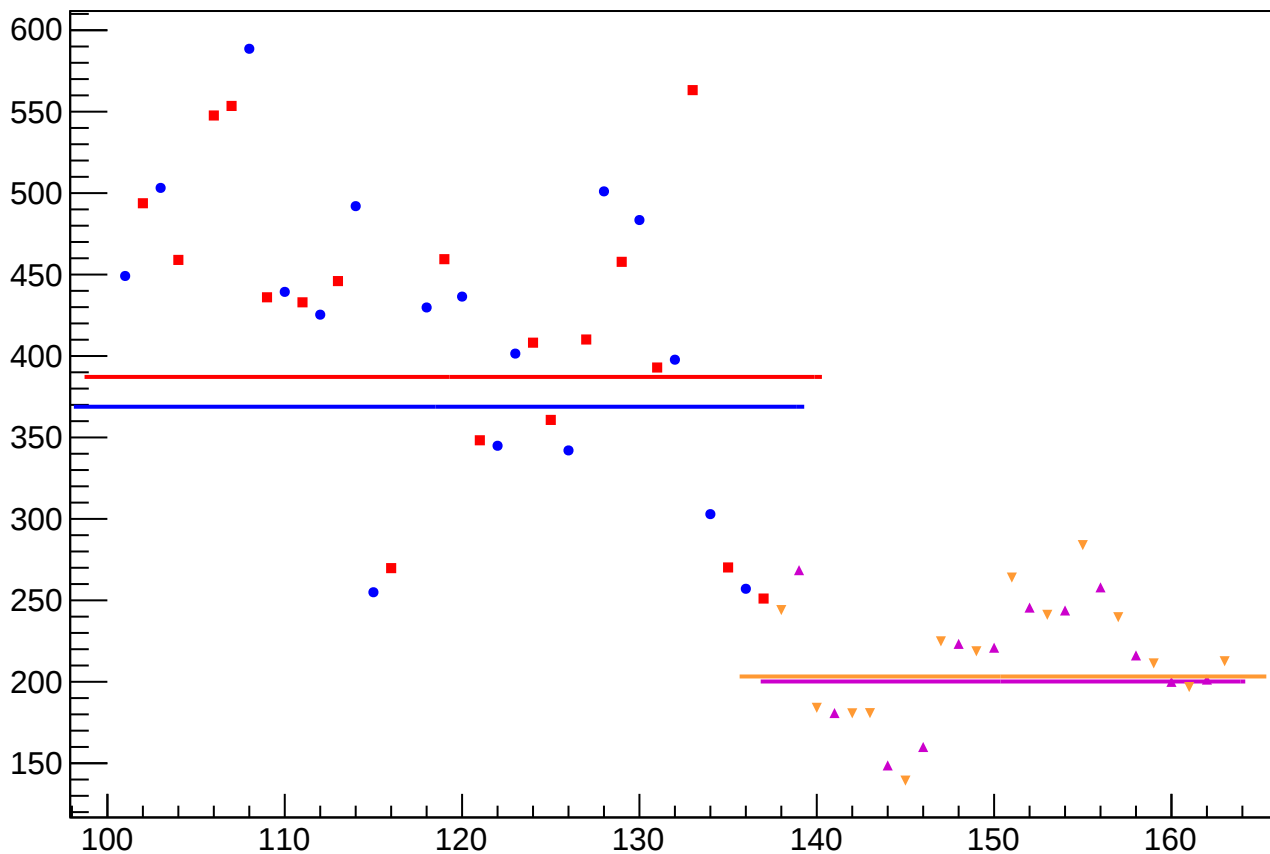
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: -18.172 ± 59.636 χ^2/NDF : 32.0/28

Out: -248.004 ± 58.492 χ^2/NDF : 47.8/31

All: -135.314 ± 41.759 χ^2/NDF : 87.3/60

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: 203.261 $\pm$ 0.045 χ^2/NDF : 728124.0/13

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 200.184 $\pm$ 0.046 χ^2/NDF : 653452.2/11

Left: 201.763 $\pm$ 0.032 χ^2/NDF : 1383862.8/25

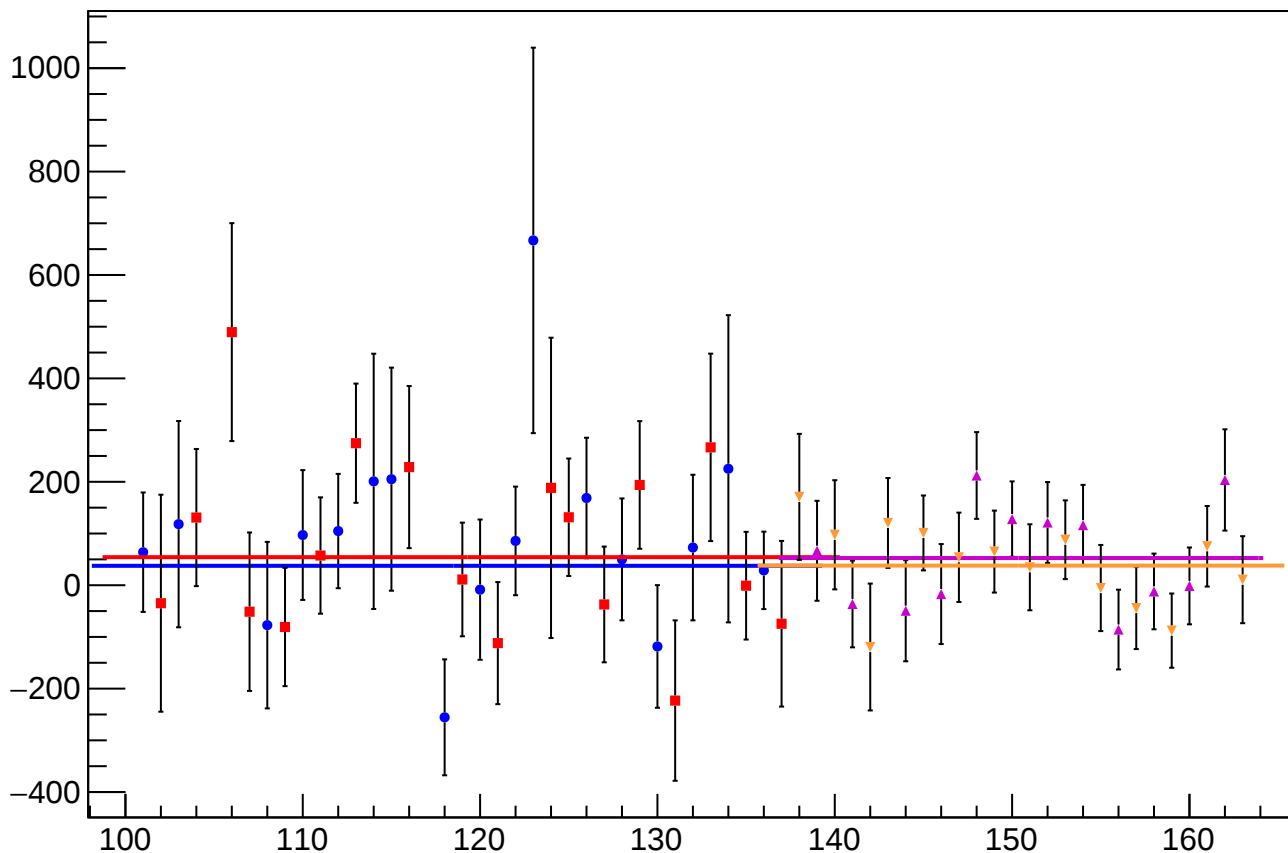
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 227.601 $\pm$ 0.042 χ^2/NDF : 3661140.8/28

Out: 231.044 $\pm$ 0.041 χ^2/NDF : 4021876.6/31

All: 229.356 $\pm$ 0.030 χ^2/NDF : 7686416.0/60

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: 37.971 $\pm$ 22.586 χ^2 /NDF:10.2/13

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 52.586 $\pm$ 23.841 χ^2 /NDF:15.8/11

Left: 44.884 $\pm$ 16.396 χ^2 /NDF: 26.1/25

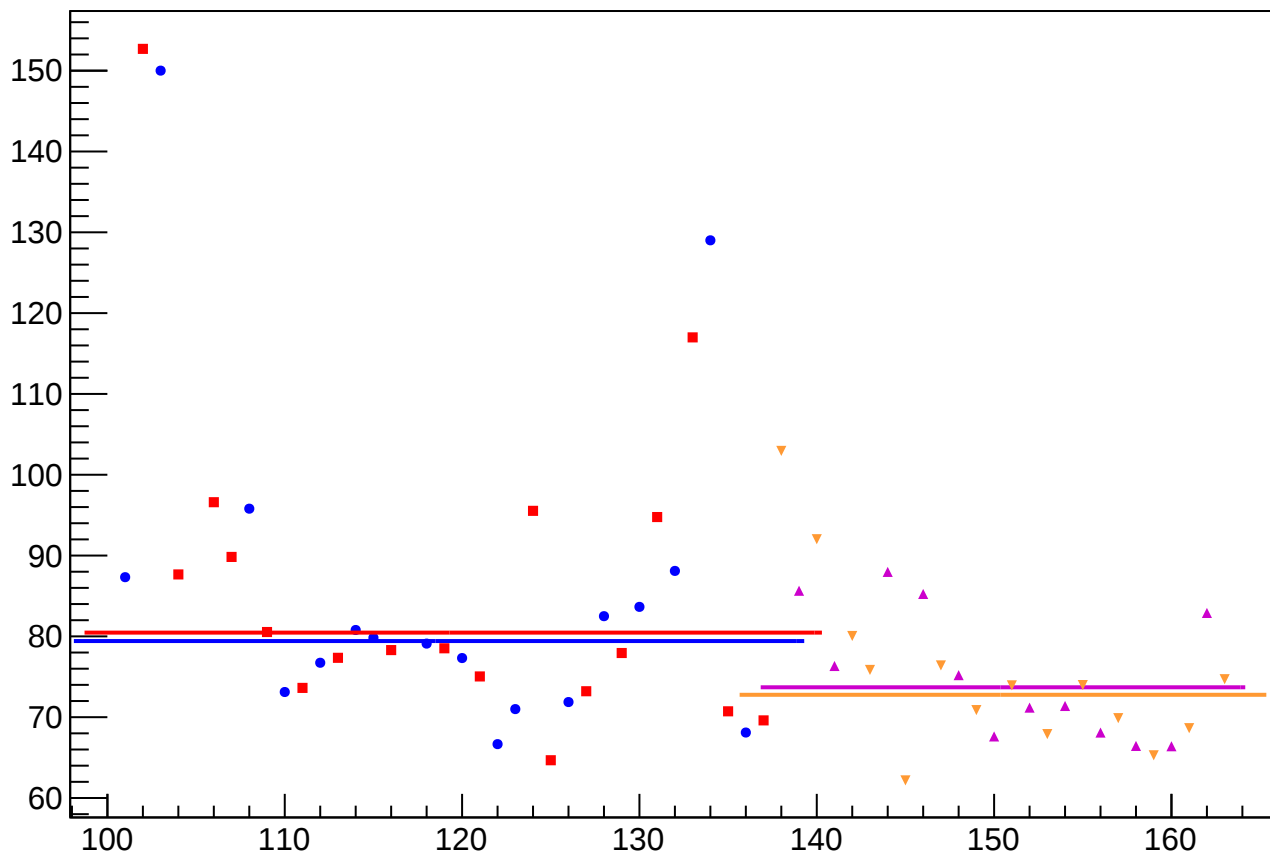
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 47.096 $\pm$ 19.001 χ^2 /NDF:31.8/28

Out: 43.509 $\pm$ 18.353 χ^2 /NDF:32.1/31

All: 45.240 $\pm$ 13.201 χ^2 /NDF: 63.9/60

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 72.771 $\pm$ 0.016 χ^2 /NDF: 286203.1/13

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.699 $\pm$ 0.017 χ^2 /NDF: 189261.5/11

Left: 73.210 $\pm$ 0.012 χ^2 /NDF: 477063.0/25

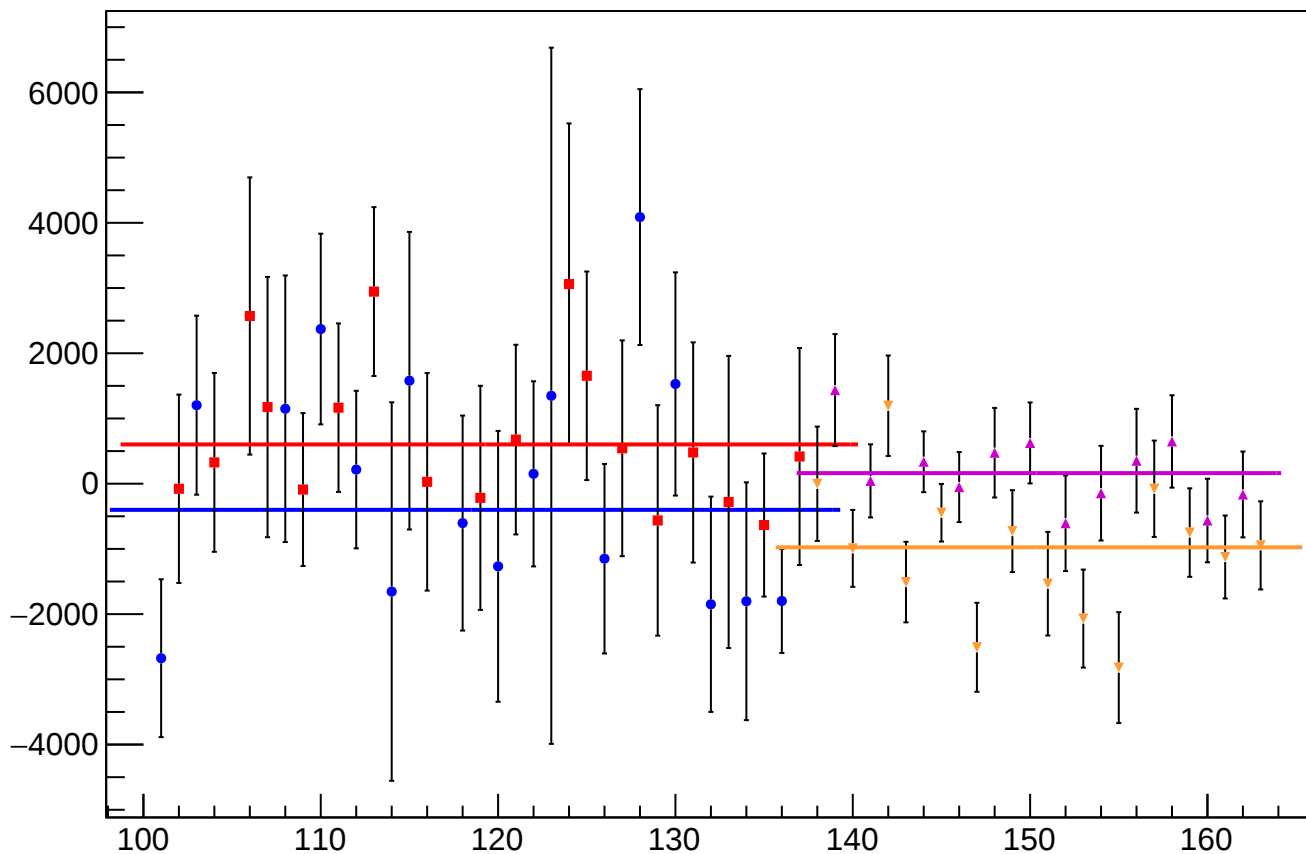
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.786 $\pm$ 0.013 χ^2 /NDF: 670339.0/28

Out: 75.385 $\pm$ 0.013 χ^2 /NDF: 819434.0/31

All: 75.579 $\pm$ 0.009 χ^2 /NDF: 1490236.0/60

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: -975.654 $\pm$ 177.605 χ^2 /NDF:25.5/13

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 162.151 $\pm$ 184.426 χ^2 /NDF:6.6/11

Left: -428.181 $\pm$ 127.929 χ^2 /NDF: 51.9/25

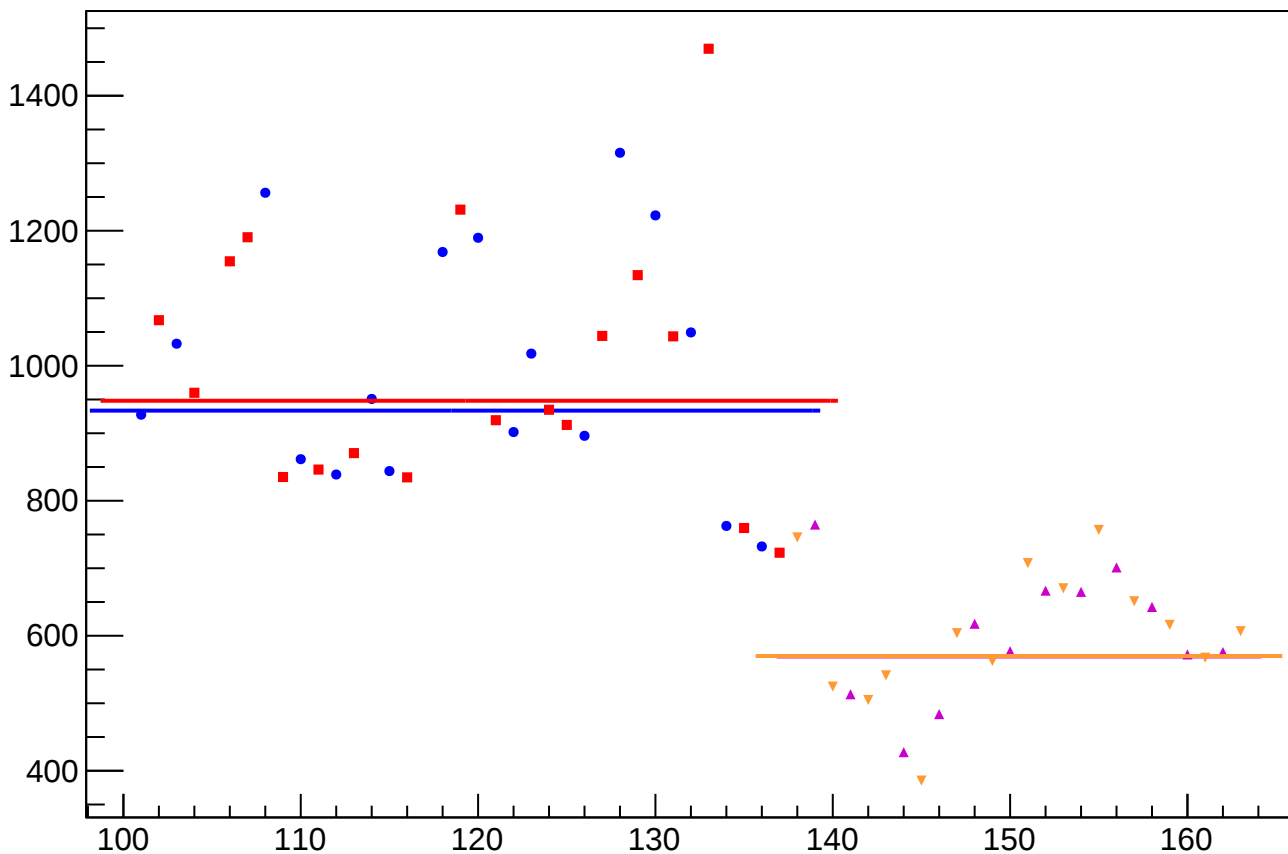
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 49.329 $\pm$ 164.922 χ^2 /NDF:30.4/28

Out: -671.857 $\pm$ 159.590 χ^2 /NDF:49.4/31

All: -323.111 $\pm$ 114.686 χ^2 /NDF: 89.7/60

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: 569.931 $\pm$ 0.126 χ^2 /NDF: 696957.6/13

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 569.356 $\pm$ 0.130 χ^2 /NDF: 516130.7/11

Left: 569.654 $\pm$ 0.090 χ^2 /NDF: 1213098.4/25

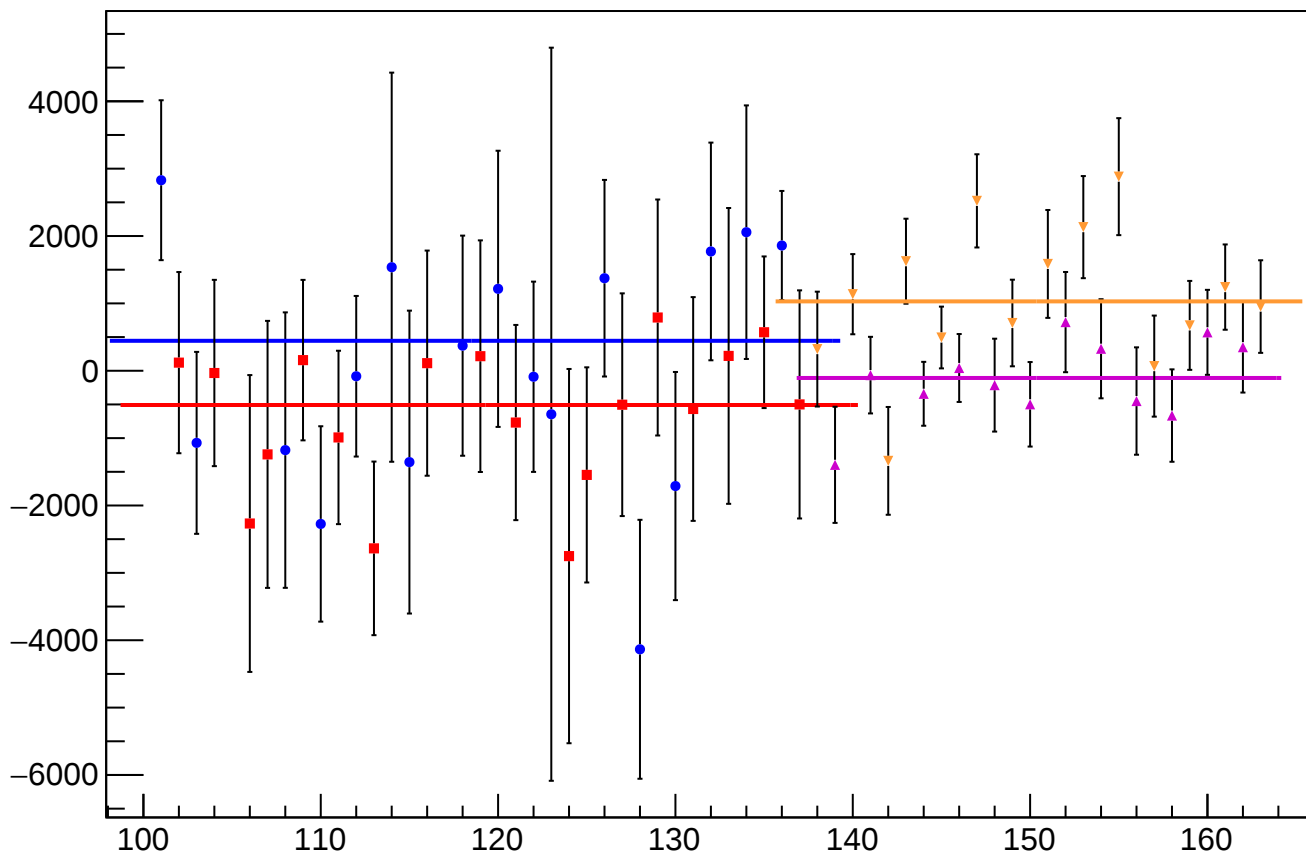
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 642.308 $\pm$ 0.117 χ^2 /NDF: 2520652.1/28

Out: 642.763 $\pm$ 0.113 χ^2 /NDF: 2848599.8/31

All: 642.543 $\pm$ 0.081 χ^2 /NDF: 5369259.8/60

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1029.810+/-180.025 χ^2/NDF : 25.8/13

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -107.033+/-183.983 χ^2/NDF : 7.0/11

Left: 473.751+/-128.674 χ^2/NDF : 52.4/25

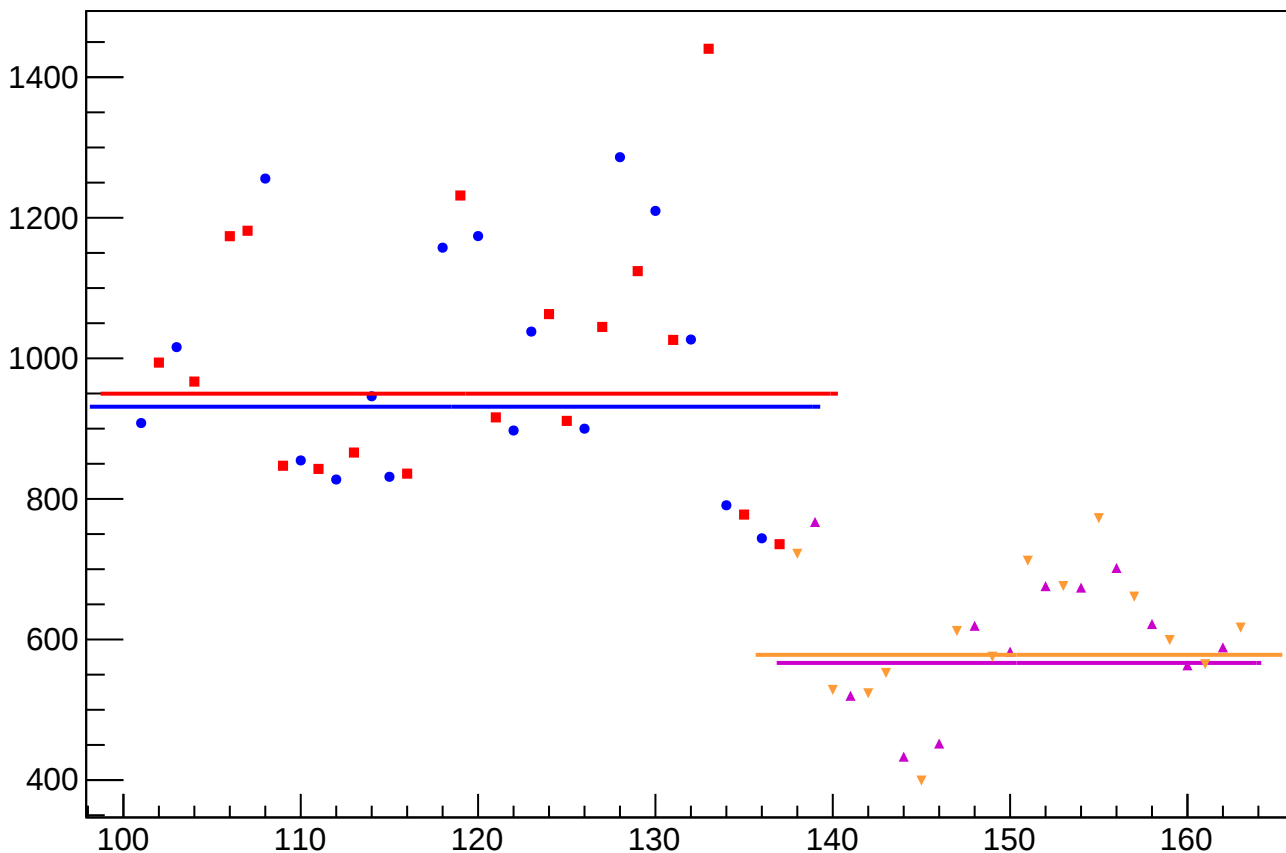
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 3.725+/-164.482 χ^2/NDF : 31.7/28

Out: 727.689+/-161.378 χ^2/NDF : 47.5/31

All: 372.603+/-115.193 χ^2/NDF : 89.1/60

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 578.197+/-0.127 χ^2/NDF : 616276.5/13

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 566.679+/-0.130 χ^2/NDF : 554924.3/11

Left: 572.563+/-0.091 χ^2/NDF : 1175205.2/25

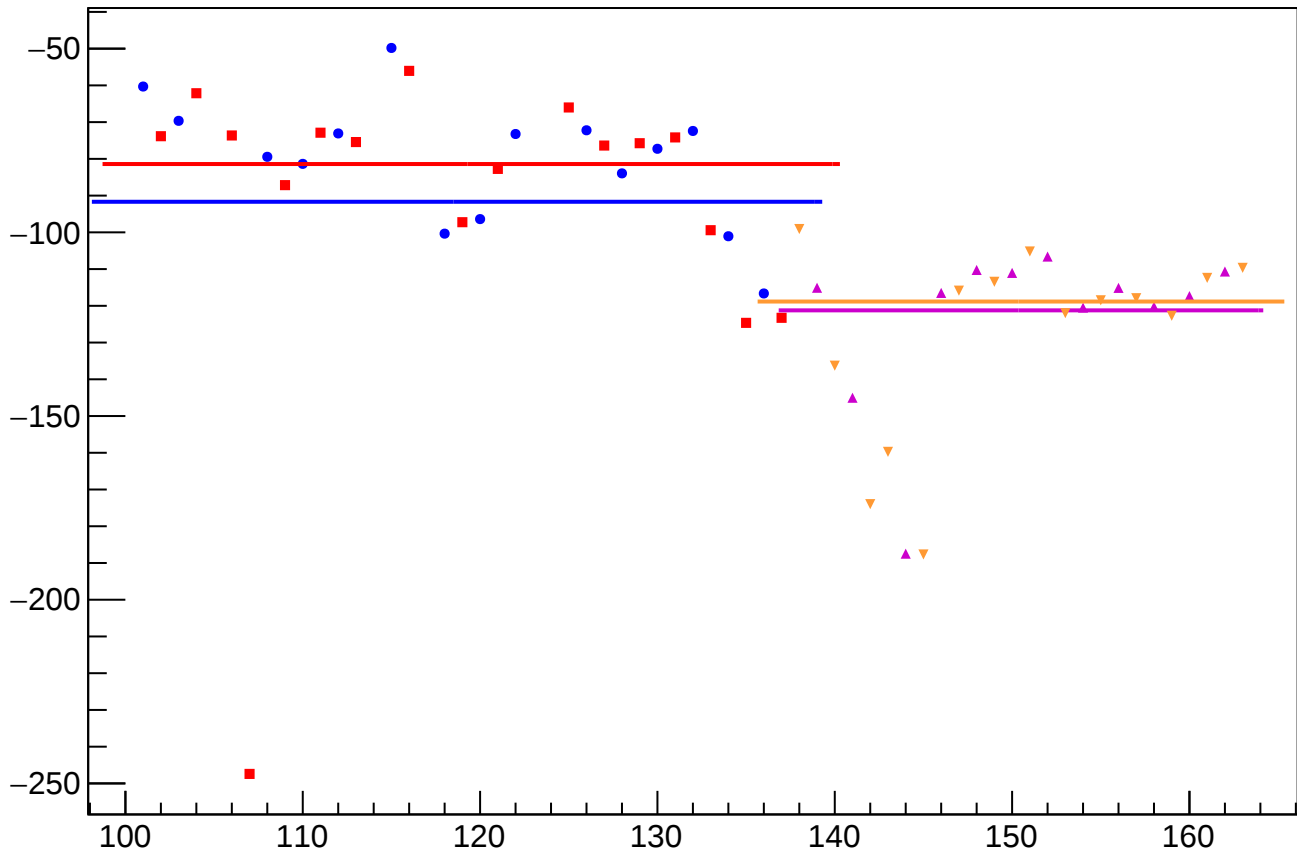
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 639.859+/-0.116 χ^2/NDF : 2531308.2/28

Out: 651.180+/-0.114 χ^2/NDF : 2655233.5/31

All: 645.628+/-0.081 χ^2/NDF : 5191369.3/60

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -118.833 ± 0.074 χ^2/NDF : 26055.8/13

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -121.236 ± 0.074 χ^2/NDF : 44720.3/11

Left: -120.021 ± 0.052 χ^2/NDF : 71302.4/25

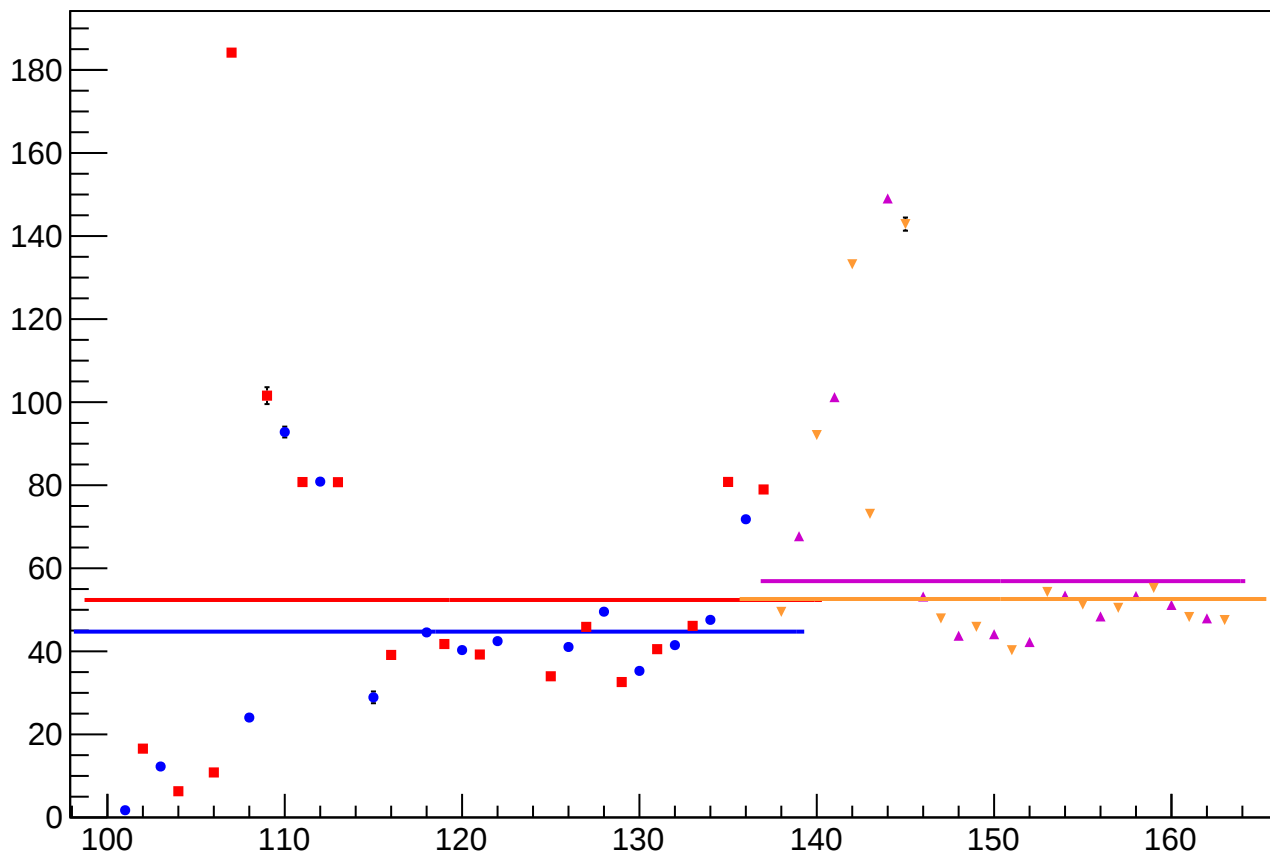
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -105.574 ± 0.051 χ^2/NDF : 192832.8/26

Out: -105.411 ± 0.059 χ^2/NDF : 160427.1/30

All: -105.504 ± 0.039 χ^2/NDF : 353264.3/57

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.604+/-0.060 χ^2/NDF : 43426.6/13

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 56.905+/-0.064 χ^2/NDF : 108949.8/11

Left: 54.634+/-0.044 χ^2/NDF : 154762.5/25

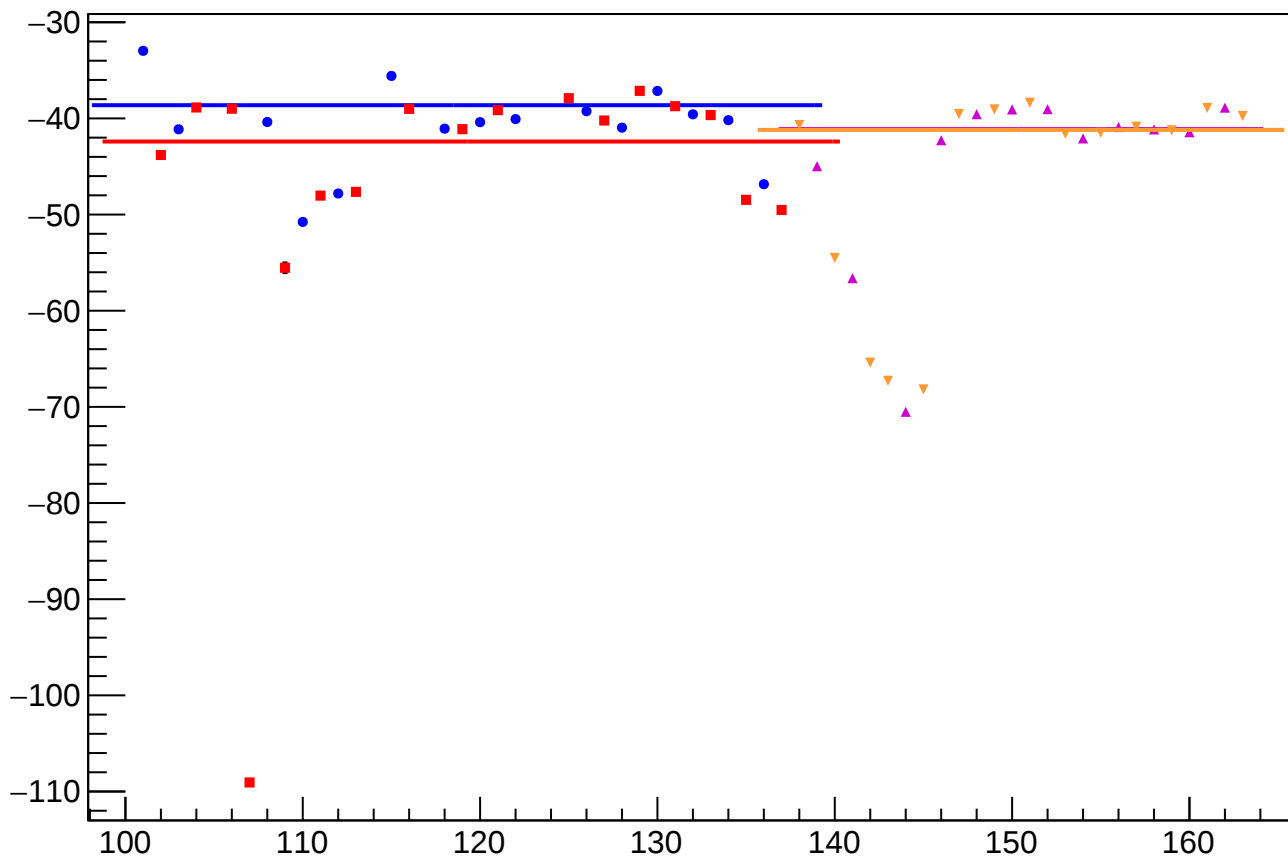
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.492+/-0.044 χ^2/NDF : 212698.1/26

Out: 52.551+/-0.053 χ^2/NDF : 112715.2/30

All: 51.327+/-0.034 χ^2/NDF : 326301.1/57

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.193 ± 0.009 χ^2/NDF : 190038.7/13

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.107 ± 0.010 χ^2/NDF : 149103.4/11

Left: -41.154 ± 0.007 χ^2/NDF : 339184.7/25

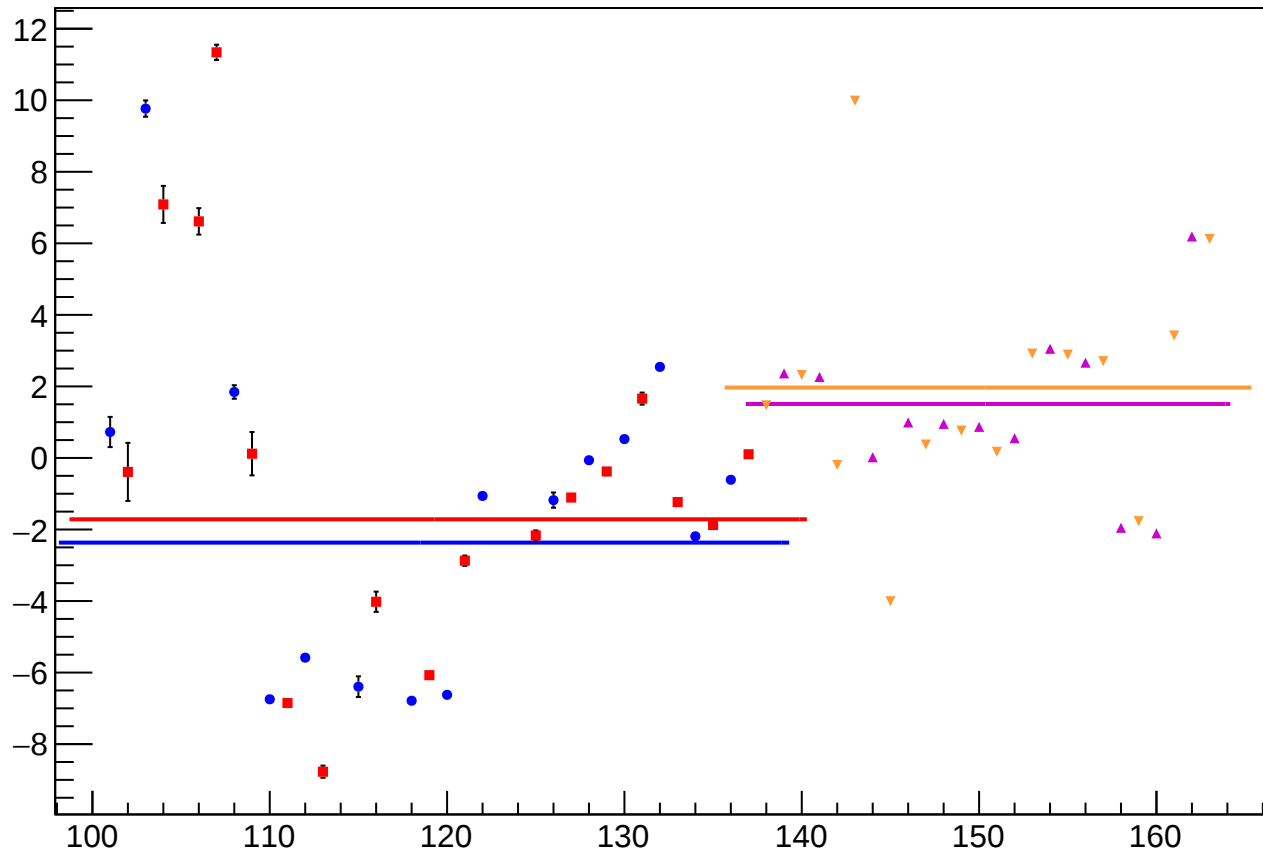
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.654 ± 0.006 χ^2/NDF : 426557.9/26

Out: -41.373 ± 0.008 χ^2/NDF : 461945.0/30

All: -40.296 ± 0.005 χ^2/NDF : 916076.6/57

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 $\pm$ 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.969 $\pm$ 0.009 χ^2/NDF : 71474.9/13

Right Out: -1.715 $\pm$ 0.027 χ^2/NDF : 12719.3/16

Left In: 1.509 $\pm$ 0.009 χ^2/NDF : 73076.2/11

Left: 1.719 $\pm$ 0.006 χ^2/NDF : 145866.8/25

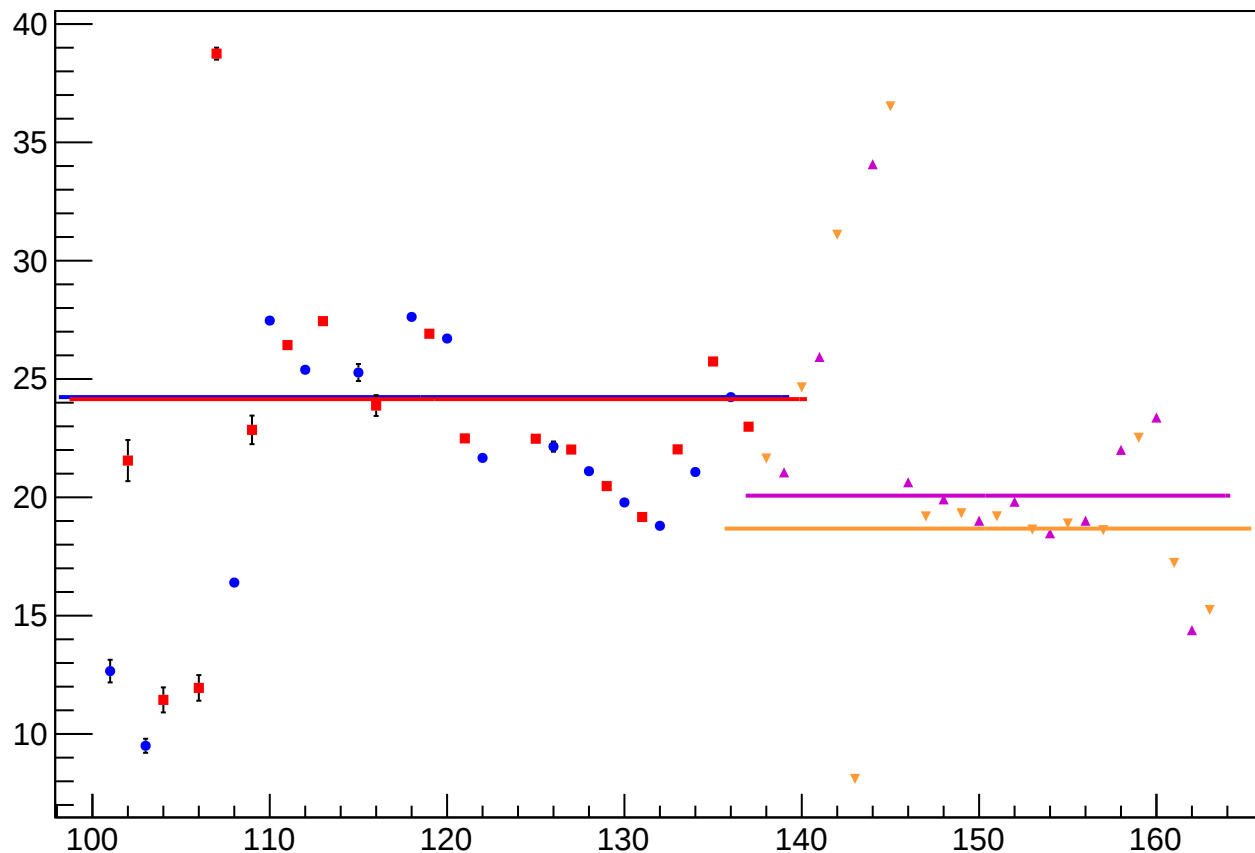
Right: -2.227 $\pm$ 0.012 χ^2/NDF : 41975.5/31

In: 0.466 $\pm$ 0.007 χ^2/NDF : 157313.2/26

Out: 1.575 $\pm$ 0.009 χ^2/NDF : 100825.3/30

All: 0.917 $\pm$ 0.006 χ^2/NDF : 267504.1/57

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.679 $\pm$ 0.009 χ^2 /NDF: 70509.1/13

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.071 $\pm$ 0.009 χ^2 /NDF: 83197.0/11

Left: 19.437 $\pm$ 0.006 χ^2 /NDF: 165523.8/25

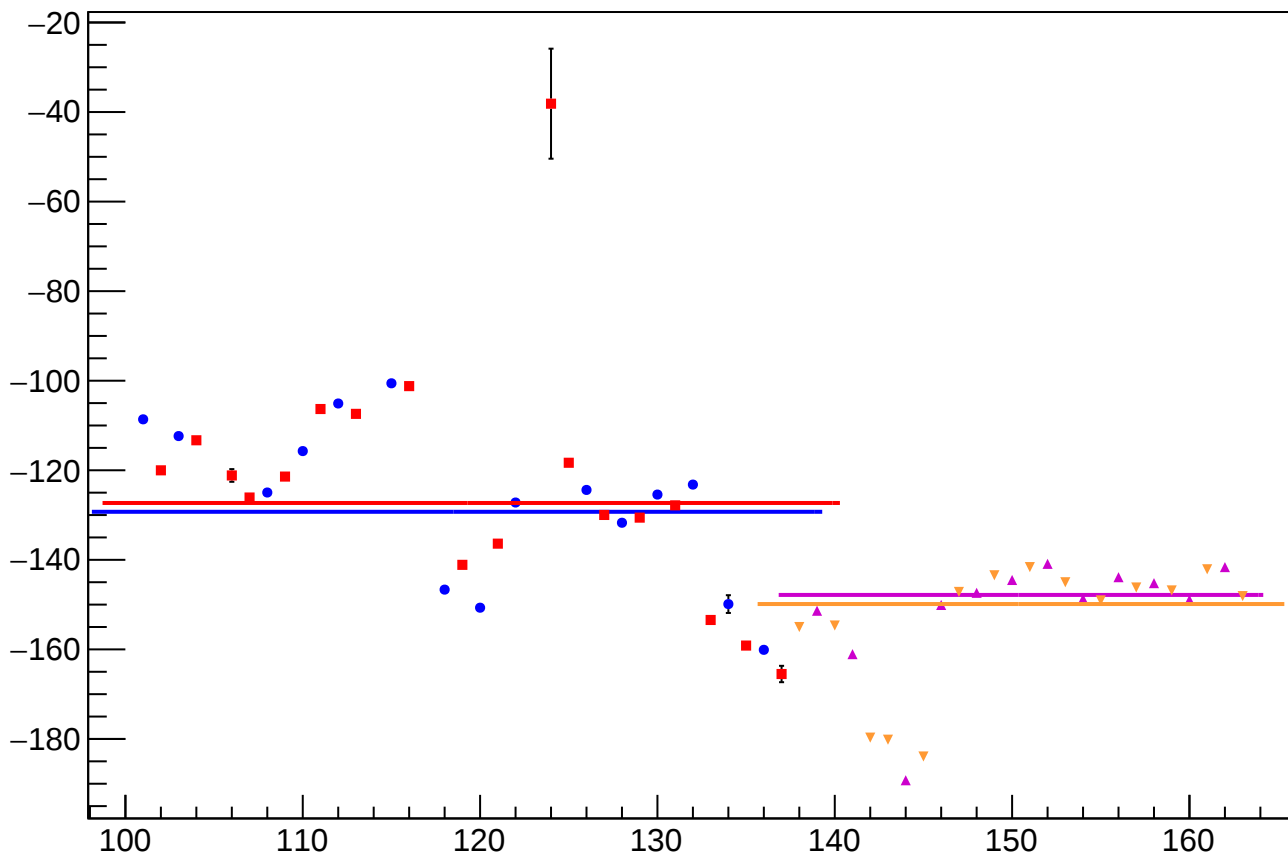
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.626 $\pm$ 0.008 χ^2 /NDF: 136084.3/26

Out: 19.394 $\pm$ 0.009 χ^2 /NDF: 127541.1/30

All: 20.066 $\pm$ 0.006 χ^2 /NDF: 274293.0/57

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -149.871 ± 0.064 χ^2/NDF : 27796.1/13

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -147.837 ± 0.059 χ^2/NDF : 22302.7/11

Left: -148.774 ± 0.043 χ^2/NDF : 50644.6/25

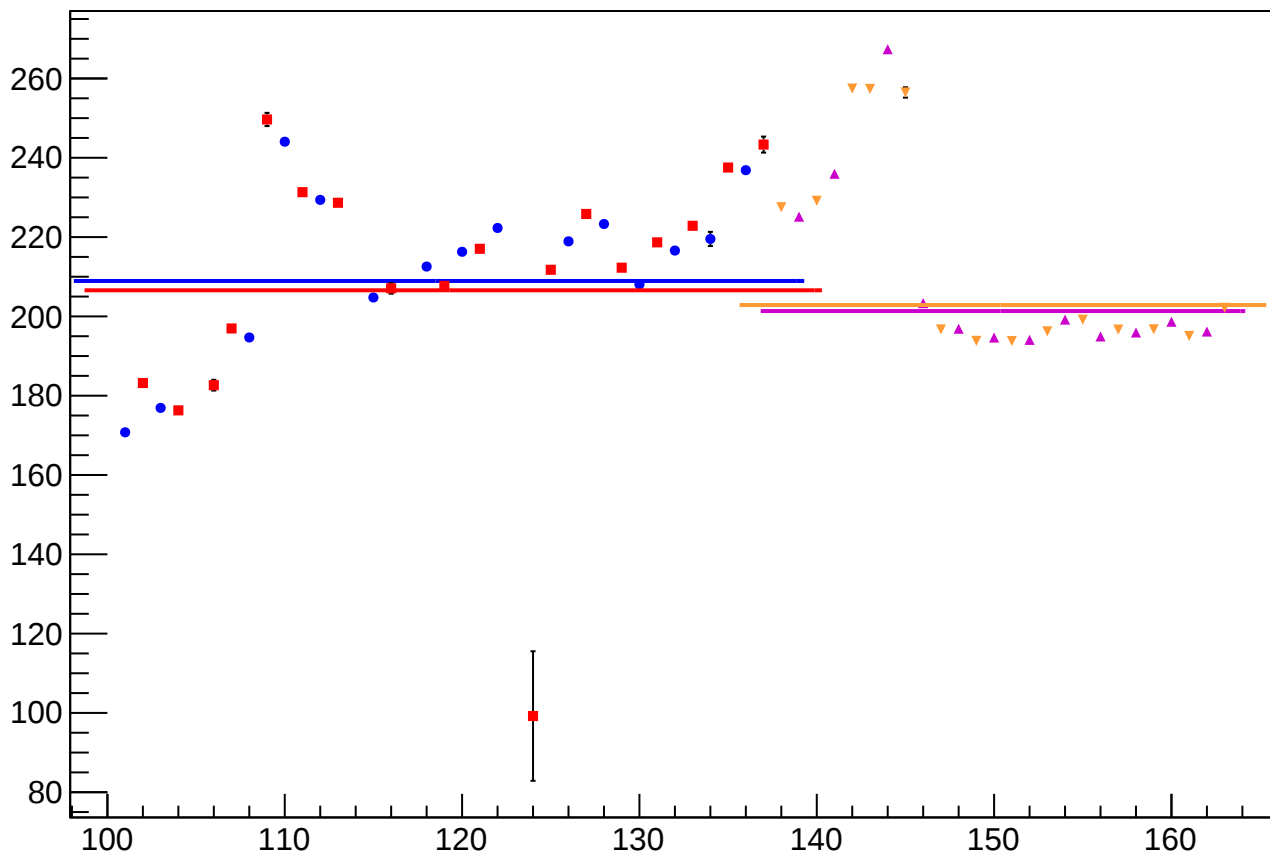
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.045 ± 0.049 χ^2/NDF : 88191.4/26

Out: -141.632 ± 0.051 χ^2/NDF : 102880.1/31

All: -141.847 ± 0.035 χ^2/NDF : 191105.7/58

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 ± 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.865 ± 0.052 χ^2/NDF : 102951.1/13

Right Out: 206.581 ± 0.083 χ^2/NDF : 48210.8/17

Left In: 201.342 ± 0.051 χ^2/NDF : 76146.0/11

Left: 202.083 ± 0.036 χ^2/NDF : 179533.7/25

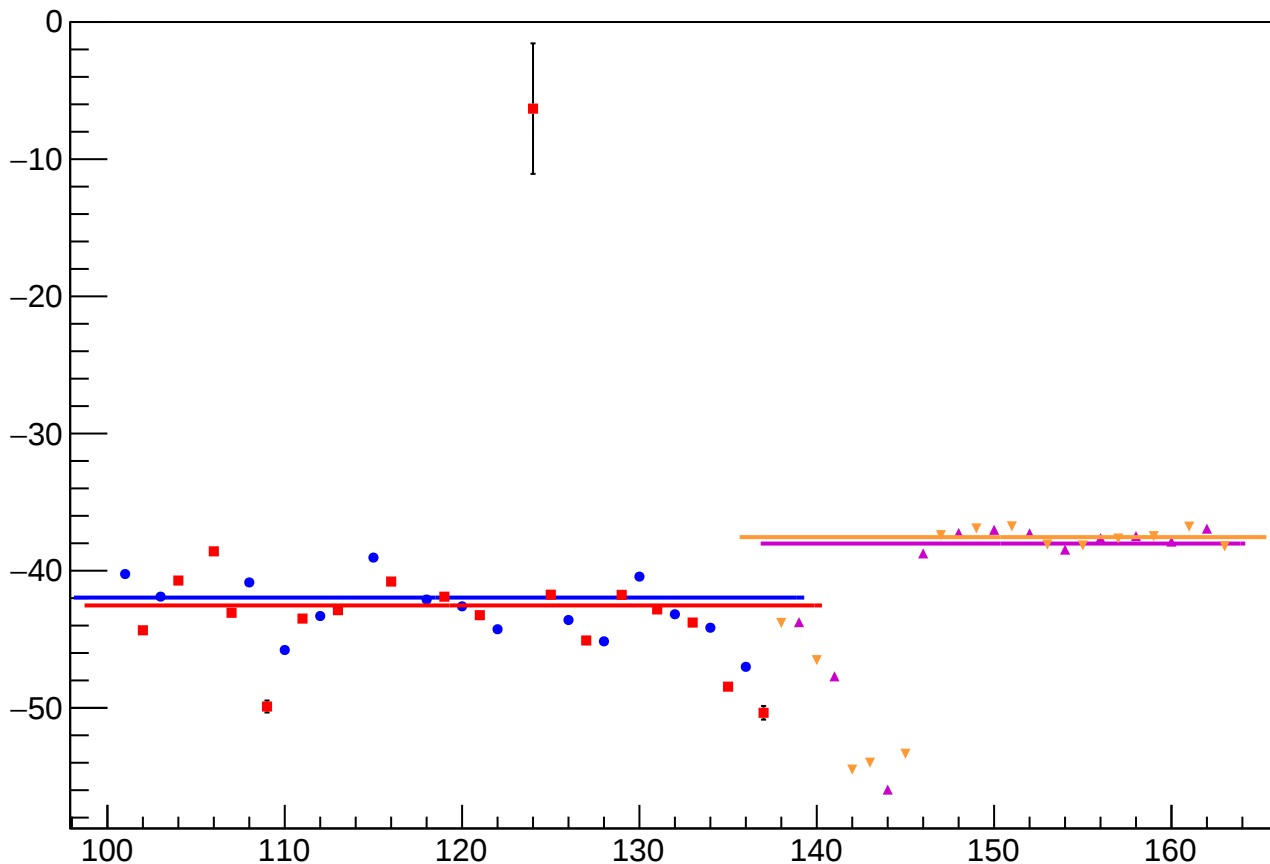
Right: 207.675 ± 0.061 χ^2/NDF : 93267.6/32

In: 203.204 ± 0.044 χ^2/NDF : 126297.3/26

Out: 203.915 ± 0.044 χ^2/NDF : 152593.4/31

All: 203.559 ± 0.031 χ^2/NDF : 279020.0/58

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.552 ± 0.005 χ^2/NDF : 220724.0/13

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.021 ± 0.005 χ^2/NDF : 132460.6/11

Left: -37.756 ± 0.003 χ^2/NDF : 357635.4/25

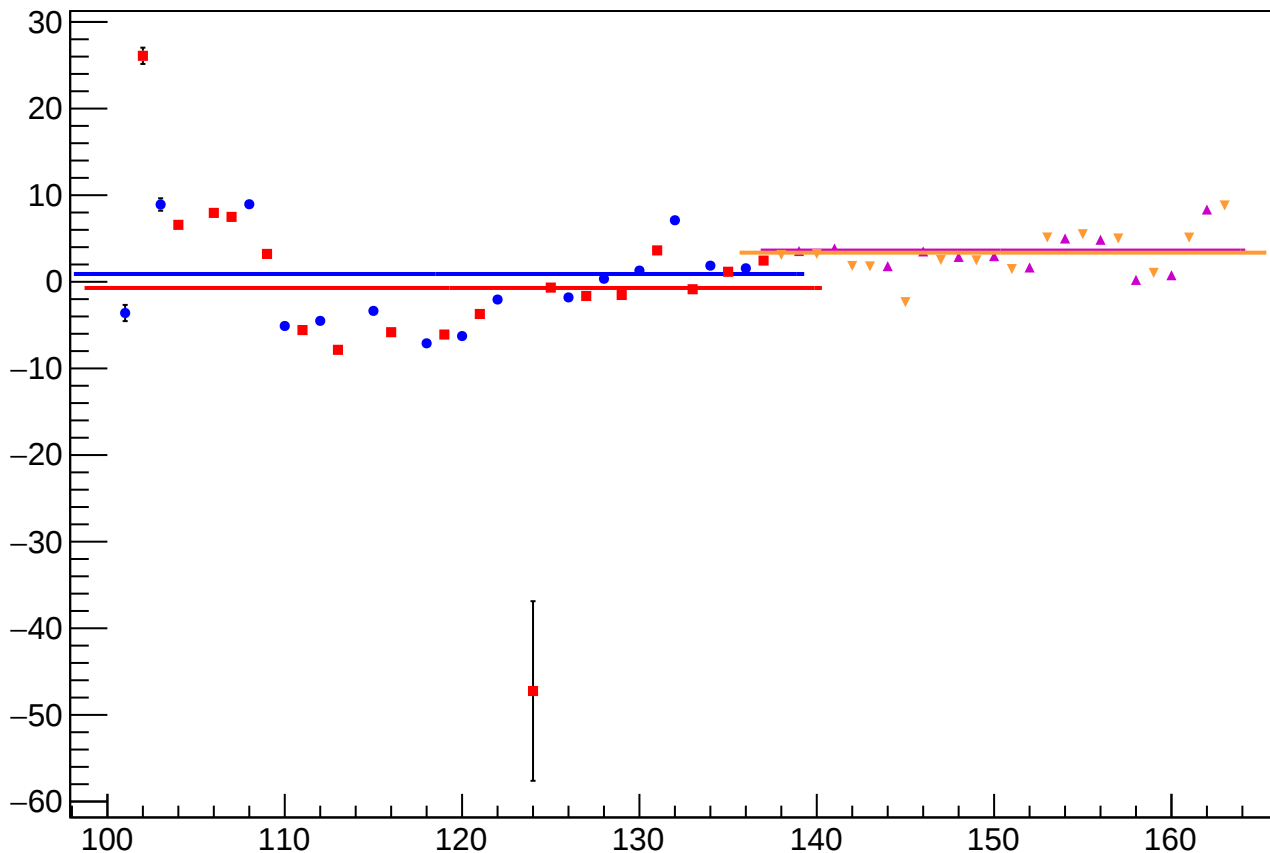
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.424 ± 0.005 χ^2/NDF : 213859.3/26

Out: -37.791 ± 0.005 χ^2/NDF : 282204.3/31

All: -38.076 ± 0.003 χ^2/NDF : 504901.3/58

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.367 ± 0.009 $\chi^2/\text{NDF}: 72505.2/13$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.607 ± 0.009 $\chi^2/\text{NDF}: 60738.0/11$

Left: 3.491 ± 0.006 $\chi^2/\text{NDF}: 133617.6/25$

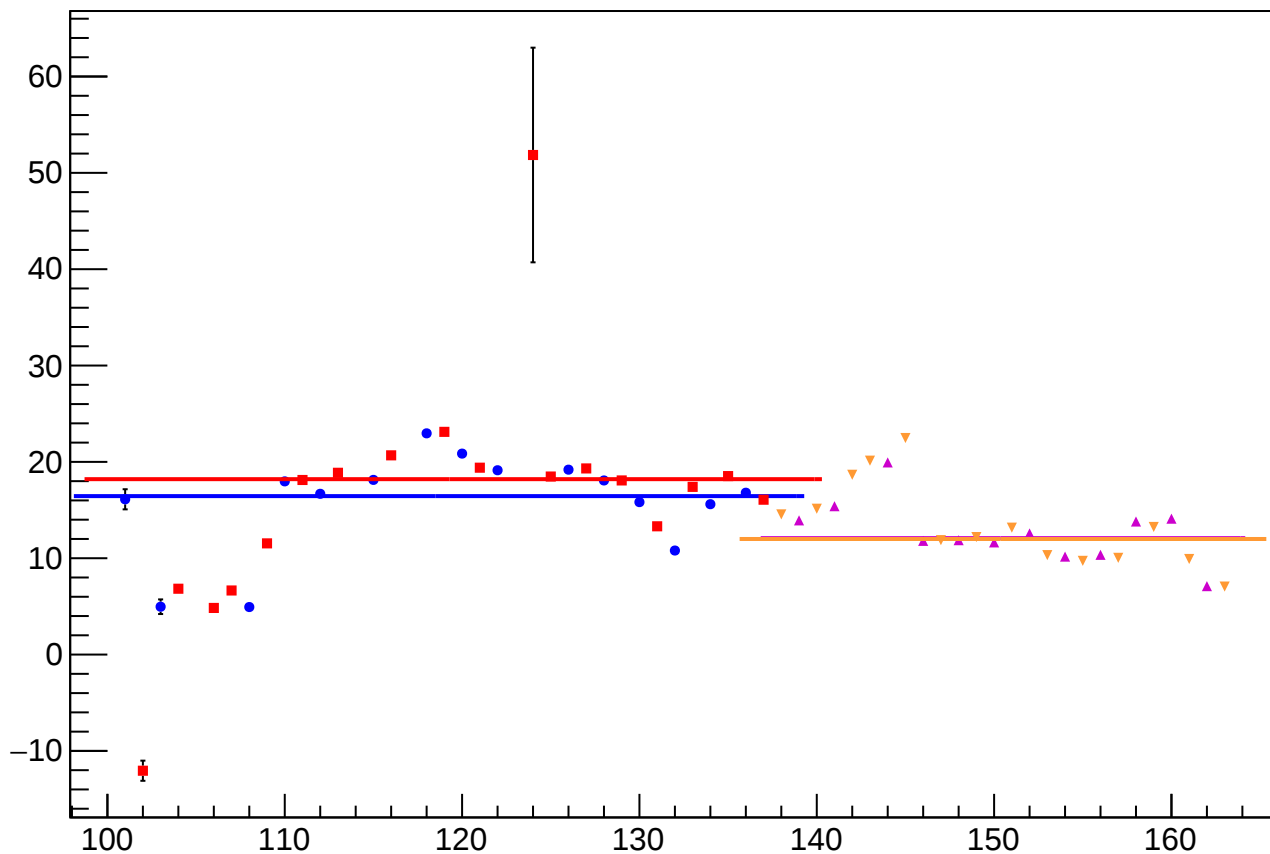
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.185 ± 0.008 $\chi^2/\text{NDF}: 97233.1/26$

Out: 2.883 ± 0.008 $\chi^2/\text{NDF}: 128047.4/31$

All: 3.042 ± 0.006 $\chi^2/\text{NDF}: 225967.0/58$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 11.997 ± 0.010 $\chi^2/\text{NDF}: 86605.0/13$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.087 ± 0.011 $\chi^2/\text{NDF}: 43469.2/11$

Left: 12.041 ± 0.007 $\chi^2/\text{NDF}: 130111.8/25$

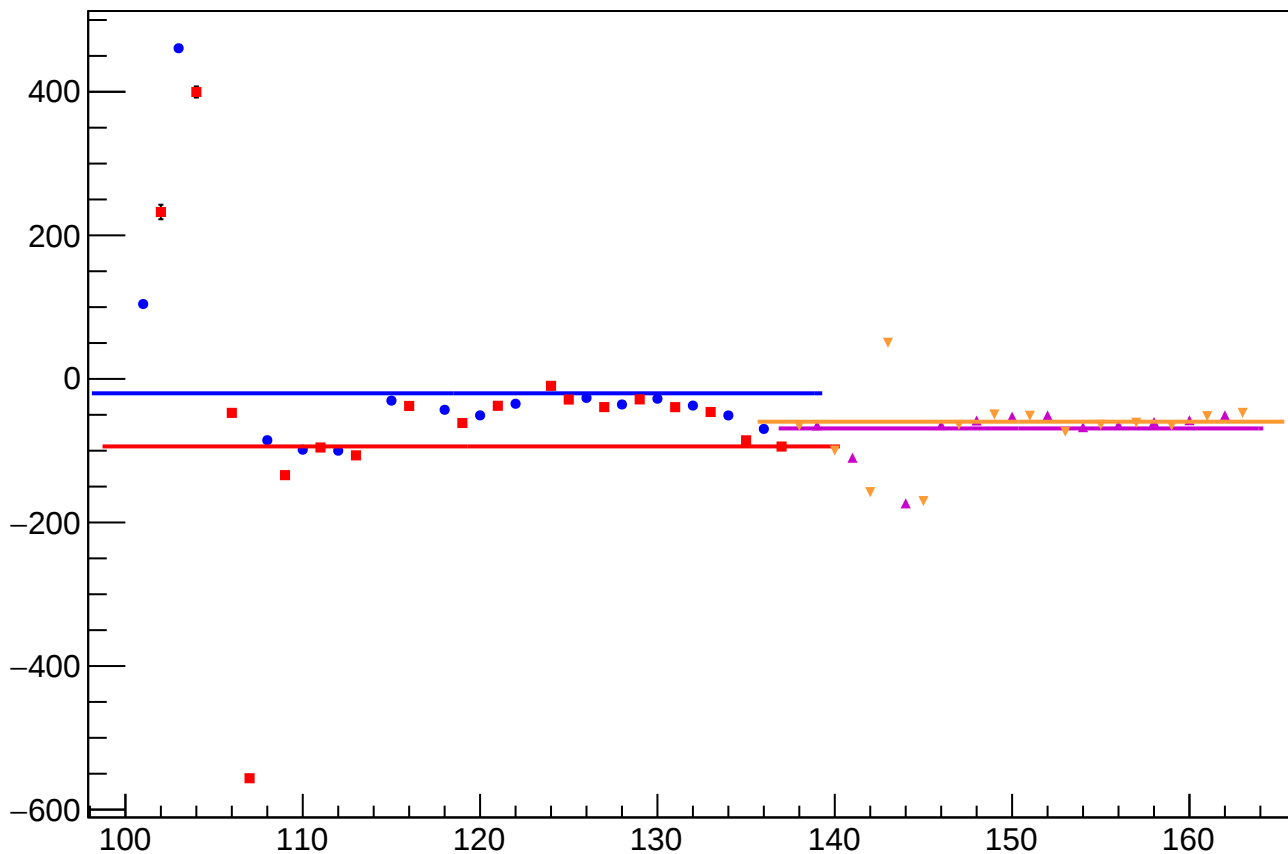
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 12.775 ± 0.010 $\chi^2/\text{NDF}: 84524.8/26$

Out: 13.241 ± 0.009 $\chi^2/\text{NDF}: 187967.9/31$

All: 13.022 ± 0.007 $\chi^2/\text{NDF}: 273712.9/58$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -59.598 ± 0.125 $\chi^2/\text{NDF}: 46138.8/13$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -68.992 ± 0.147 $\chi^2/\text{NDF}: 37368.2/11$

Left: -63.563 ± 0.095 $\chi^2/\text{NDF}: 85878.6/25$

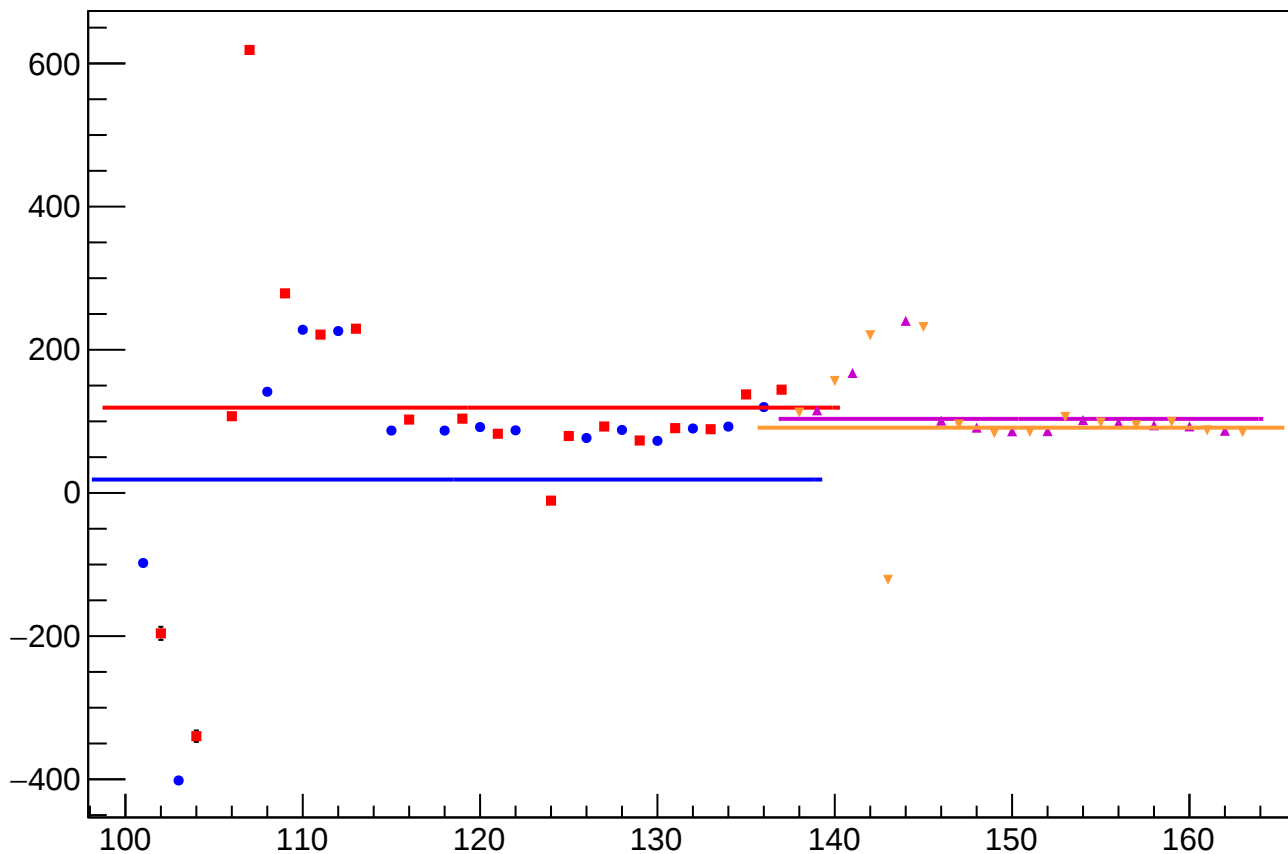
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.585 ± 0.106 $\chi^2/\text{NDF}: 532087.4/26$

Out: -93.714 ± 0.012 $\chi^2/\text{NDF}: 208456.9/31$

All: -93.066 ± 0.012 $\chi^2/\text{NDF}: 944234.9/58$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.189 $\pm$ 0.106 χ^2/NDF : 167690.1/13

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 103.486 $\pm$ 0.126 χ^2/NDF : 58533.1/11

Left: 96.267 $\pm$ 0.081 χ^2/NDF : 231803.7/25

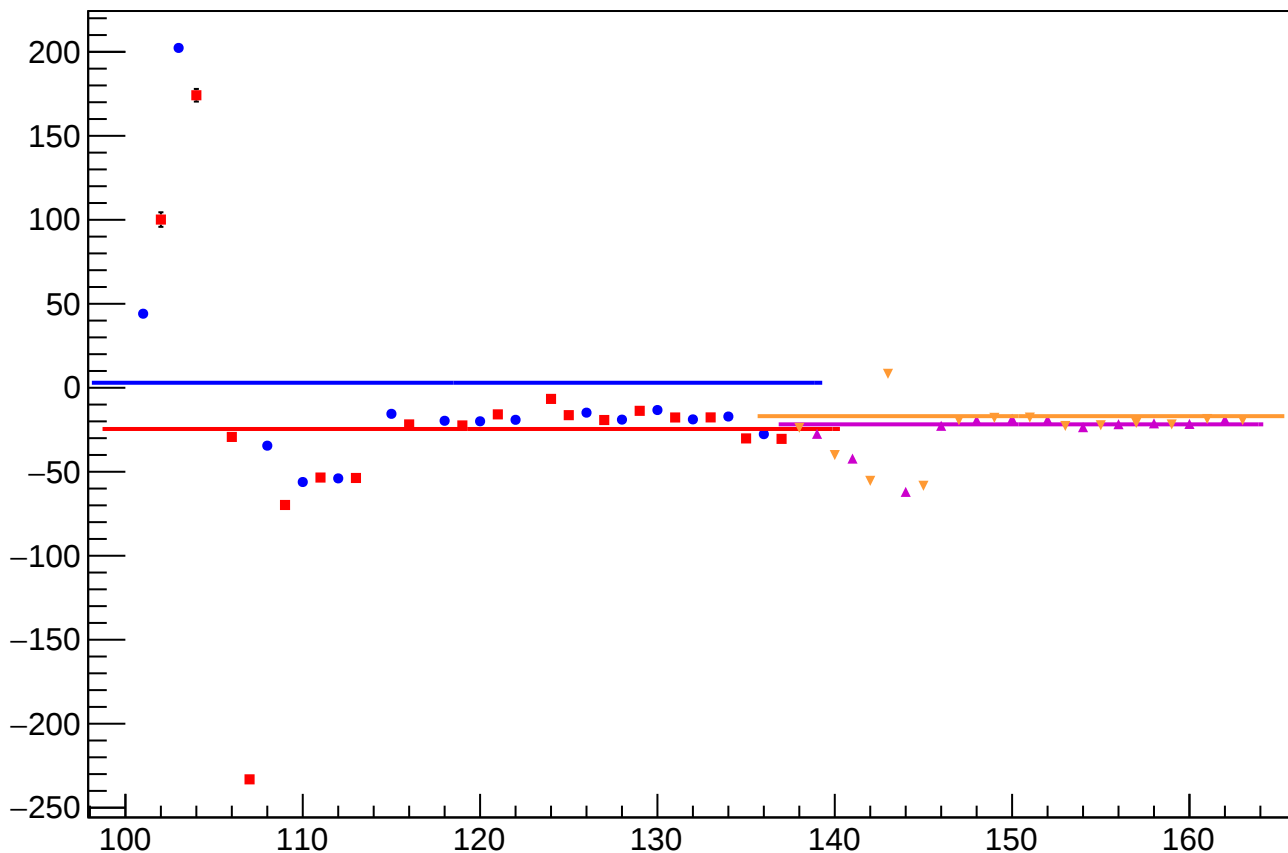
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 68.946 $\pm$ 0.097 χ^2/NDF : 1344359.7/26

Out: 97.341 $\pm$ 0.093 χ^2/NDF : 270521.5/31

All: 83.688 $\pm$ 0.067 χ^2/NDF : 1659294.2/58

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.899 ± 0.015 $\chi^2/\text{NDF}: 570013.4/13$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -21.772 ± 0.018 $\chi^2/\text{NDF}: 121765.5/11$

Left: -18.923 ± 0.011 $\chi^2/\text{NDF}: 736406.8/25$

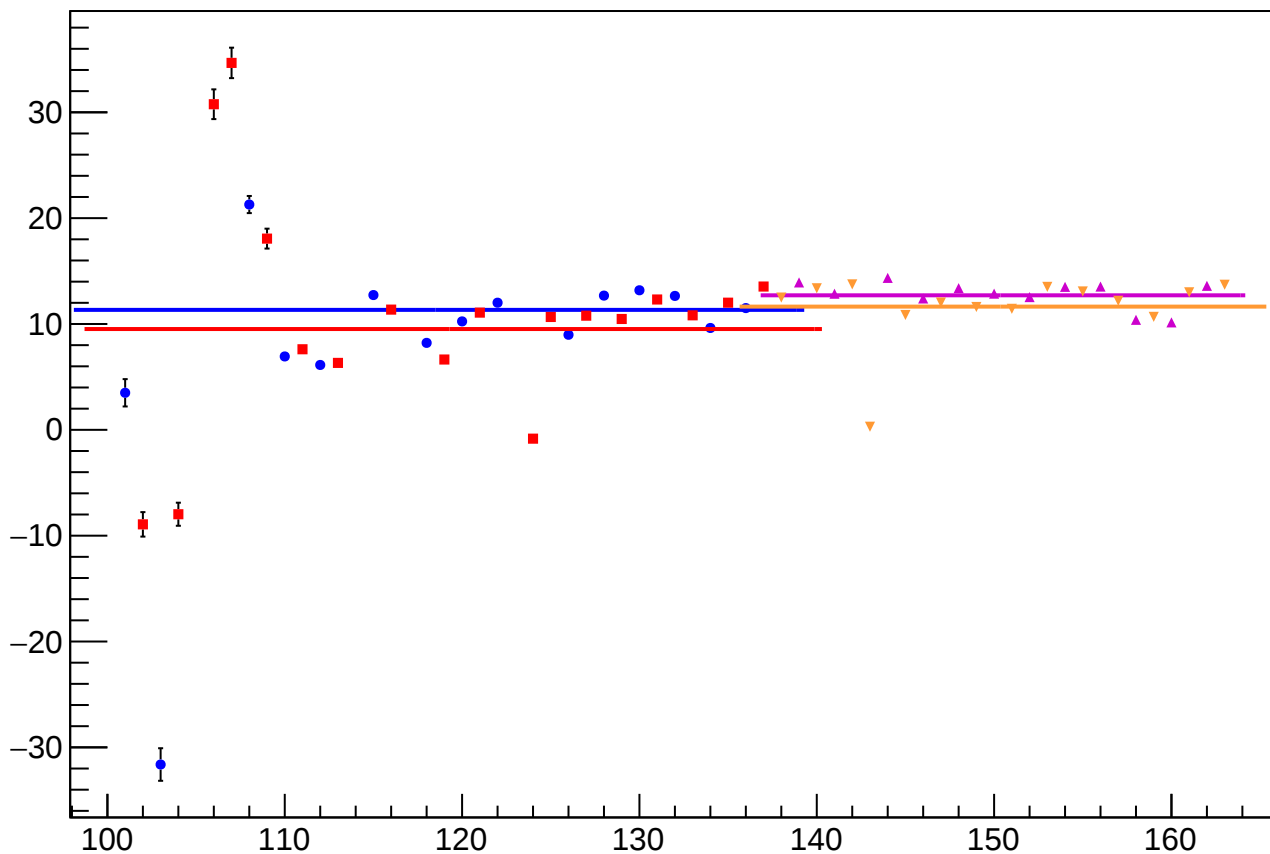
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.322 ± 0.015 $\chi^2/\text{NDF}: 4211583.1/26$

Out: -17.693 ± 0.014 $\chi^2/\text{NDF}: 773937.4/31$

All: -16.086 ± 0.010 $\chi^2/\text{NDF}: 5012872.8/58$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.642 $\pm$ 0.019 χ^2 /NDF:30087.4/13

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.710 $\pm$ 0.017 χ^2 /NDF:4791.9/11

Left: 12.231 $\pm$ 0.013 χ^2 /NDF: 36645.3/25

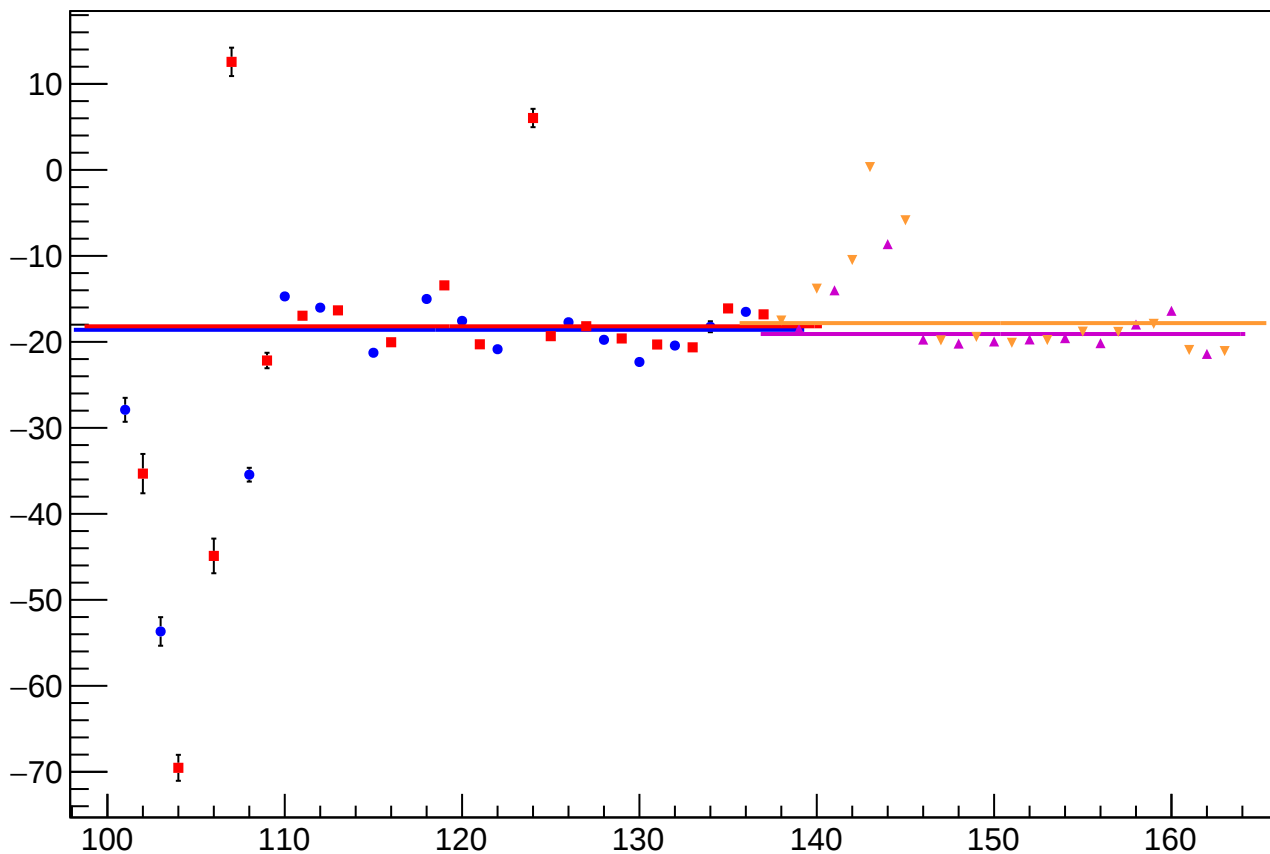
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.473 $\pm$ 0.015 χ^2 /NDF:8320.3/26

Out: 11.359 $\pm$ 0.018 χ^2 /NDF:35841.0/31

All: 11.986 $\pm$ 0.012 χ^2 /NDF: 46426.7/58

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.816 ± 0.021 $\chi^2/\text{NDF}: 47412.6/13$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.085 ± 0.020 $\chi^2/\text{NDF}: 8507.3/11$

Left: -18.487 ± 0.014 $\chi^2/\text{NDF}: 57829.0/25$

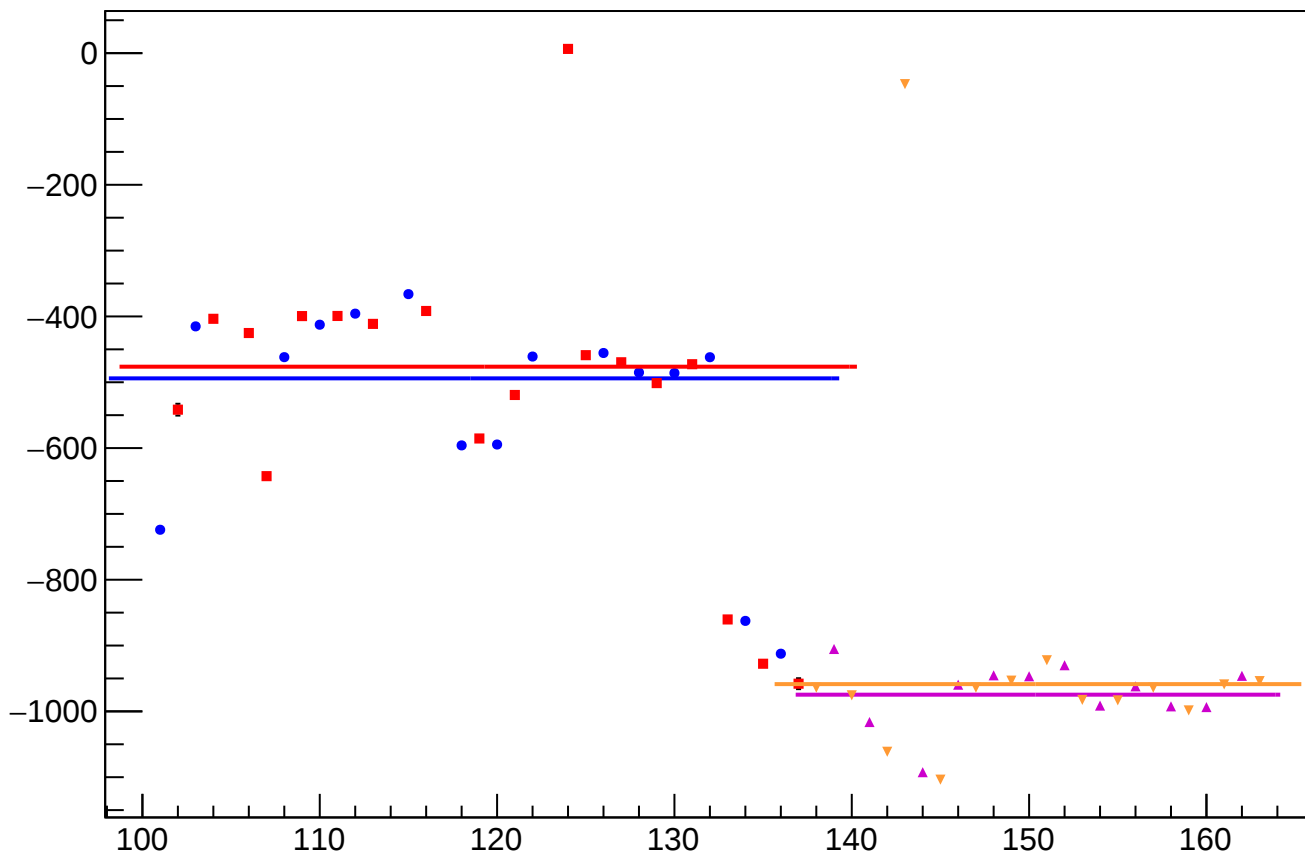
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.976 ± 0.018 $\chi^2/\text{NDF}: 14830.6/26$

Out: -17.874 ± 0.019 $\chi^2/\text{NDF}: 52341.8/31$

All: -18.479 ± 0.013 $\chi^2/\text{NDF}: 68943.8/58$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -958.598 ± 0.210 $\chi^2/\text{NDF}: 312227.3/13$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -974.647 ± 0.202 $\chi^2/\text{NDF}: 24462.0/11$

Left: -966.948 ± 0.146 $\chi^2/\text{NDF}: 339721.8/25$

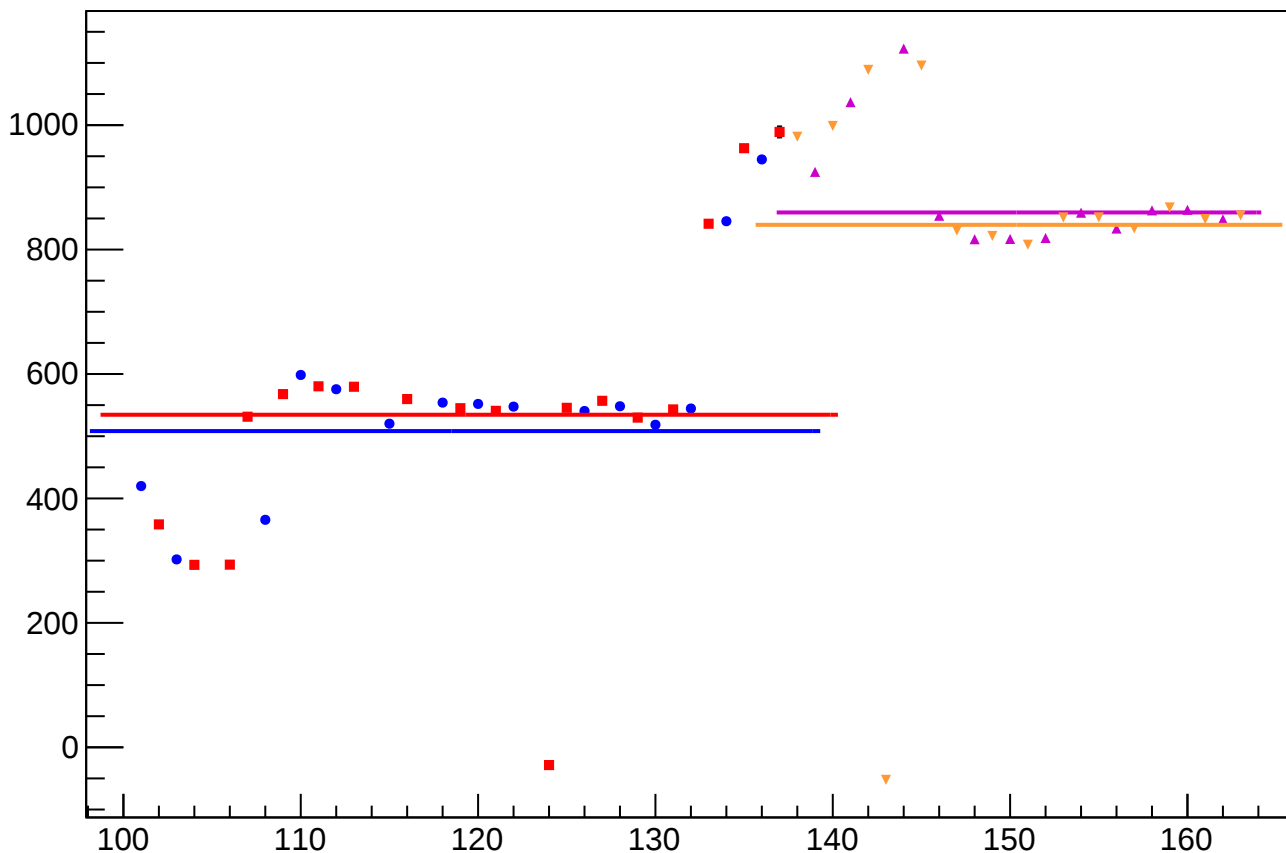
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -767.685 ± 0.152 $\chi^2/\text{NDF}: 2791259.1/26$

Out: -686.996 ± 0.139 $\chi^2/\text{NDF}: 3870383.8/31$

All: -723.641 ± 0.103 $\chi^2/\text{NDF}: 6814830.9/58$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 839.782 $\pm$ 0.166 χ^2 /NDF:414649.3/13

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 859.662 $\pm$ 0.173 χ^2 /NDF:86625.0/11

Left: 849.274 $\pm$ 0.120 χ^2 /NDF: 508142.3/25

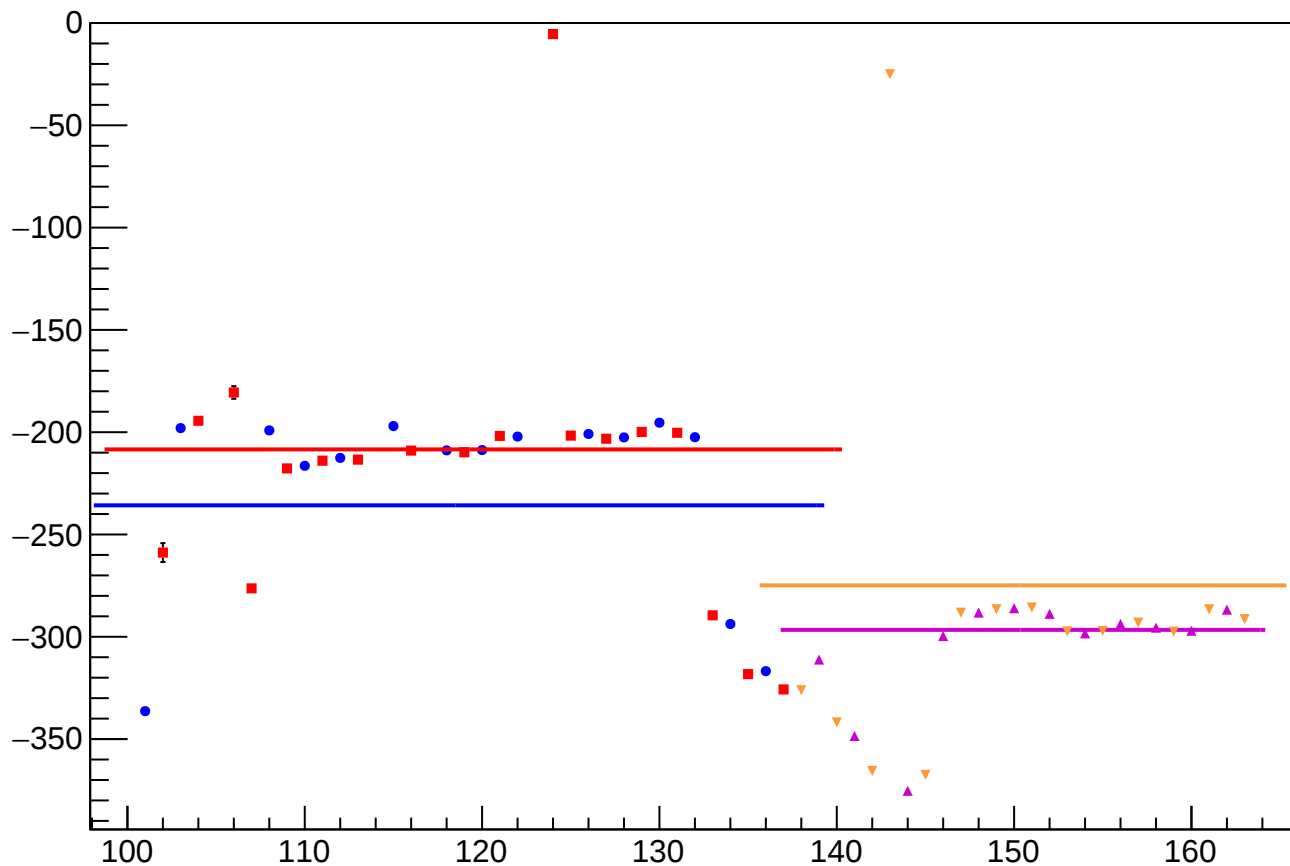
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 726.271 $\pm$ 0.137 χ^2 /NDF:2085112.7/26

Out: 727.414 $\pm$ 0.132 χ^2 /NDF:2031205.6/31

All: 726.863 $\pm$ 0.095 χ^2 /NDF: 4116354.6/58

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -274.863+/-0.028 χ^2/NDF : 6330077.7/13

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -296.621+/-0.028 χ^2/NDF : 246760.3/11

Left: -285.618+/-0.020 χ^2/NDF : 6884434.6/25

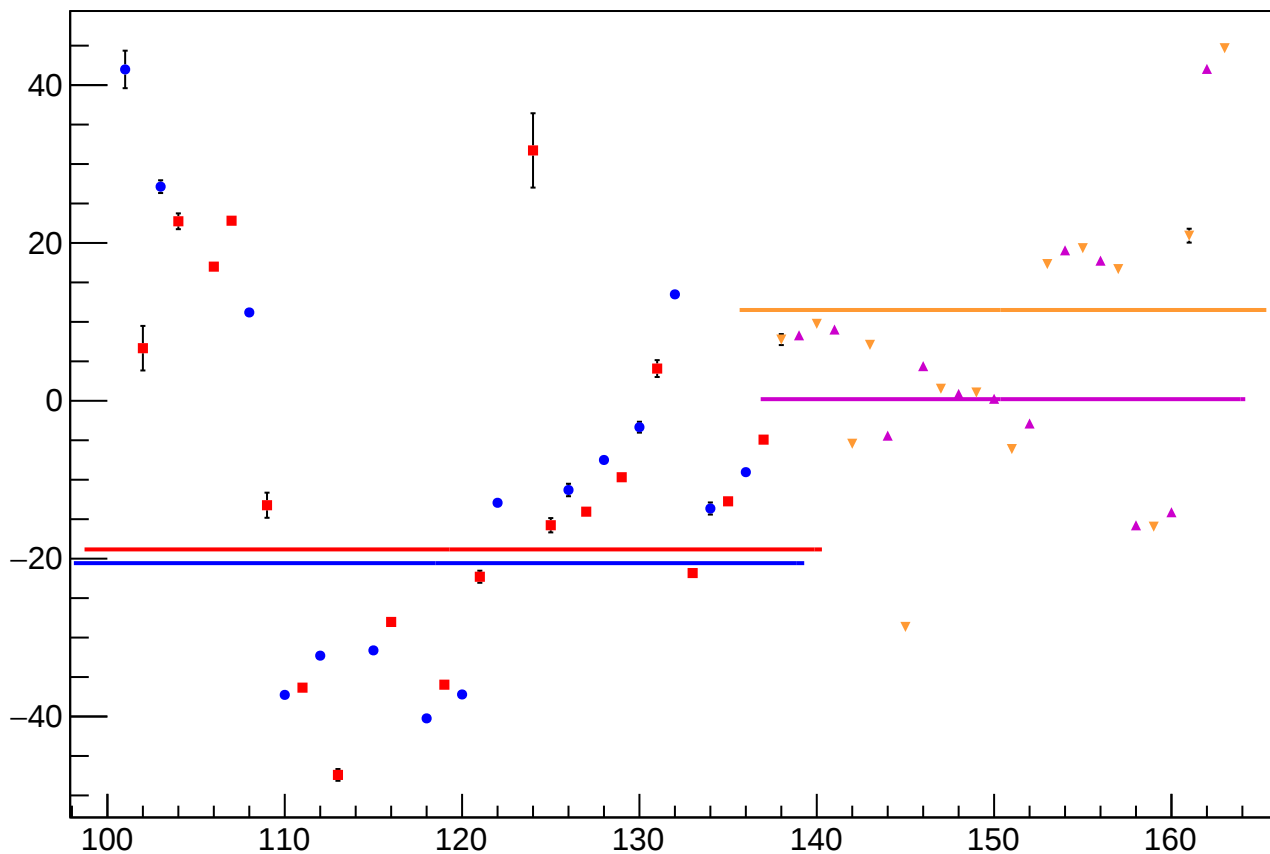
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.244+/-0.025 χ^2/NDF : 2090987.9/26

Out: -257.702+/-0.024 χ^2/NDF : 8204024.3/31

All: -270.348+/-0.017 χ^2/NDF : 10889799.1/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.507 ± 0.029 χ^2/NDF : 429004.9/13

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.208 ± 0.023 χ^2/NDF : 573841.9/11

Left: 4.582 ± 0.018 χ^2/NDF : 1095214.5/25

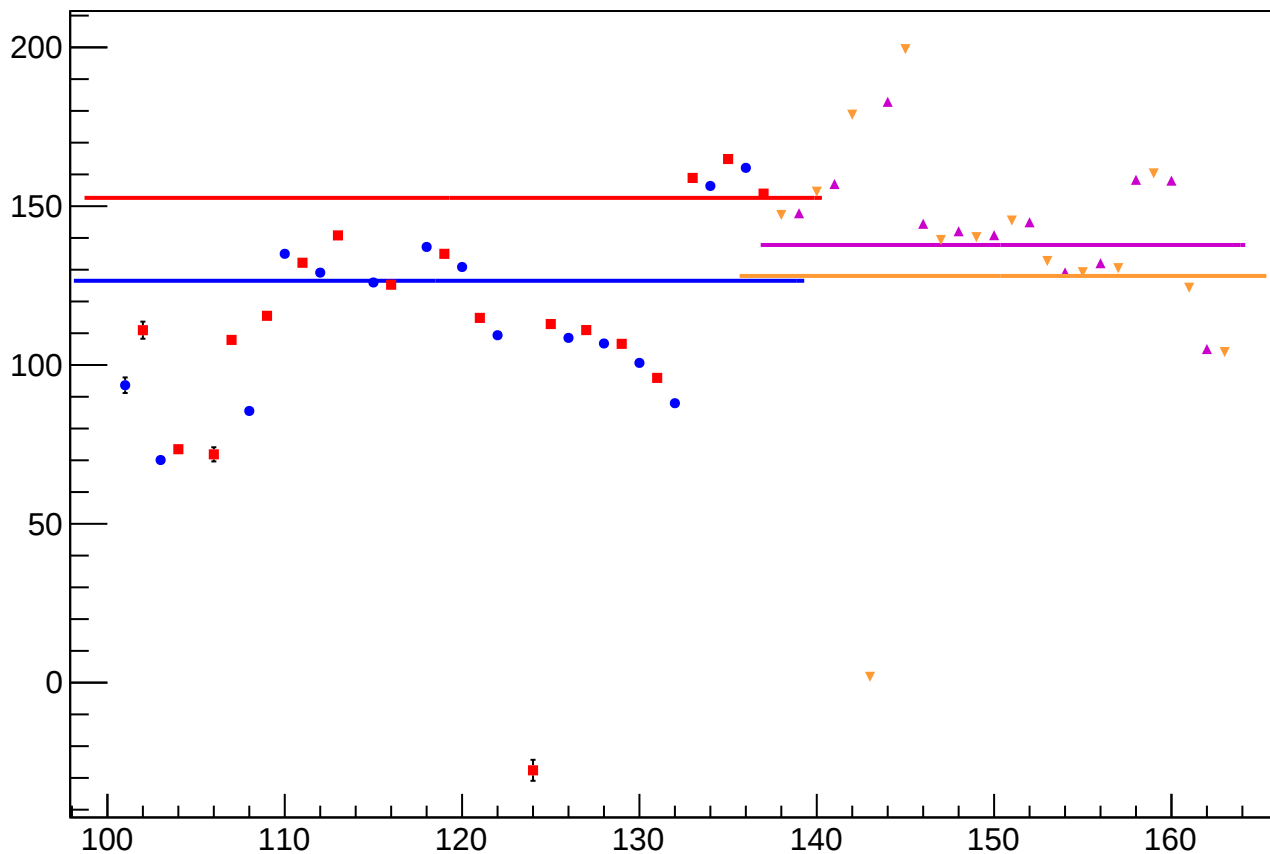
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.769 ± 0.022 χ^2/NDF : 713998.9/26

Out: 9.453 ± 0.028 χ^2/NDF : 523417.7/31

All: 2.496 ± 0.017 χ^2/NDF : 1336274.4/58

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.042 $\pm$ 0.036 χ^2 /NDF: 602023.0/13

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.790 $\pm$ 0.030 χ^2 /NDF: 348357.6/11

Left: 133.709 $\pm$ 0.023 χ^2 /NDF: 993673.1/25

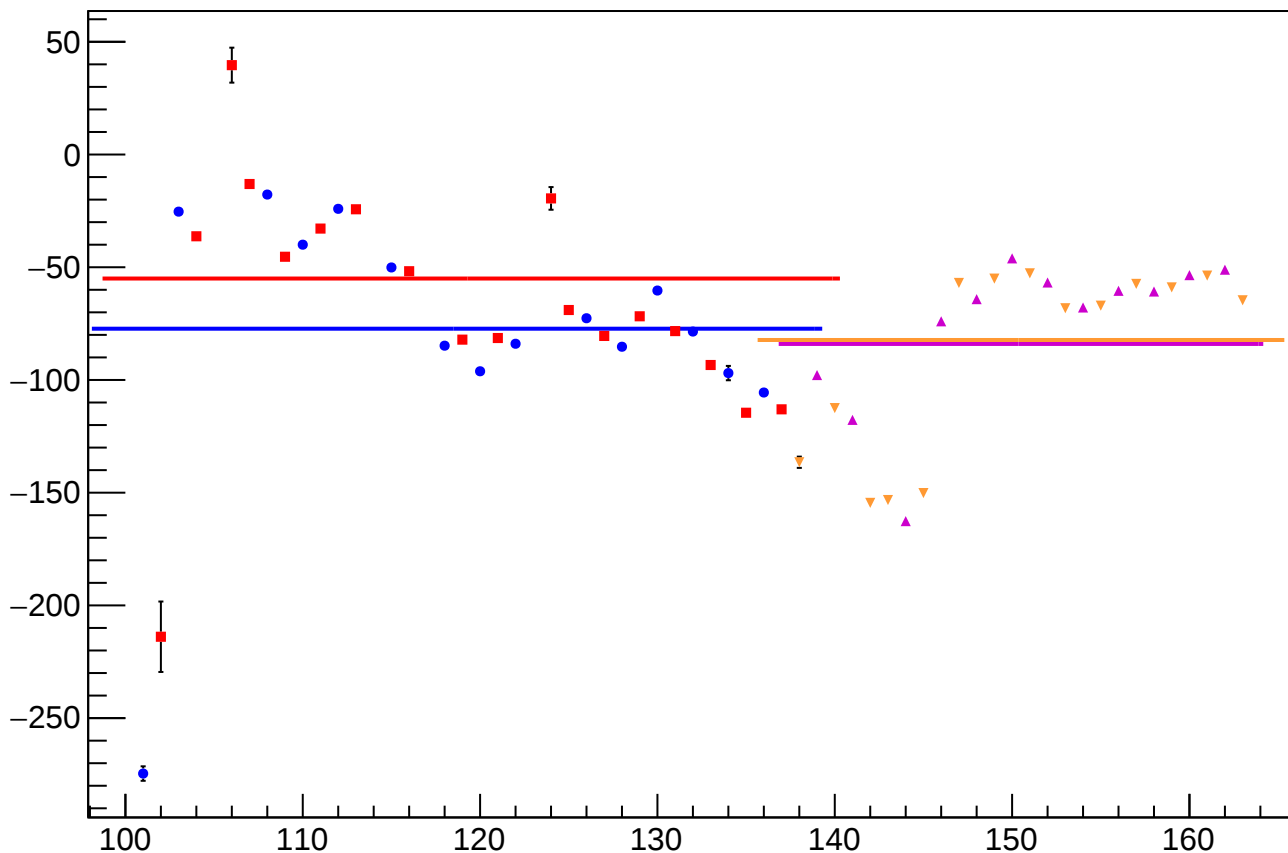
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.491 $\pm$ 0.029 χ^2 /NDF: 479259.4/26

Out: 142.316 $\pm$ 0.023 χ^2 /NDF: 950954.3/31

All: 140.004 $\pm$ 0.018 χ^2 /NDF: 1455387.0/58

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -82.268 ± 0.155 χ^2/NDF : 56642.7/13

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -84.024 ± 0.154 χ^2/NDF : 57205.3/11

Left: -83.148 ± 0.109 χ^2/NDF : 113912.5/25

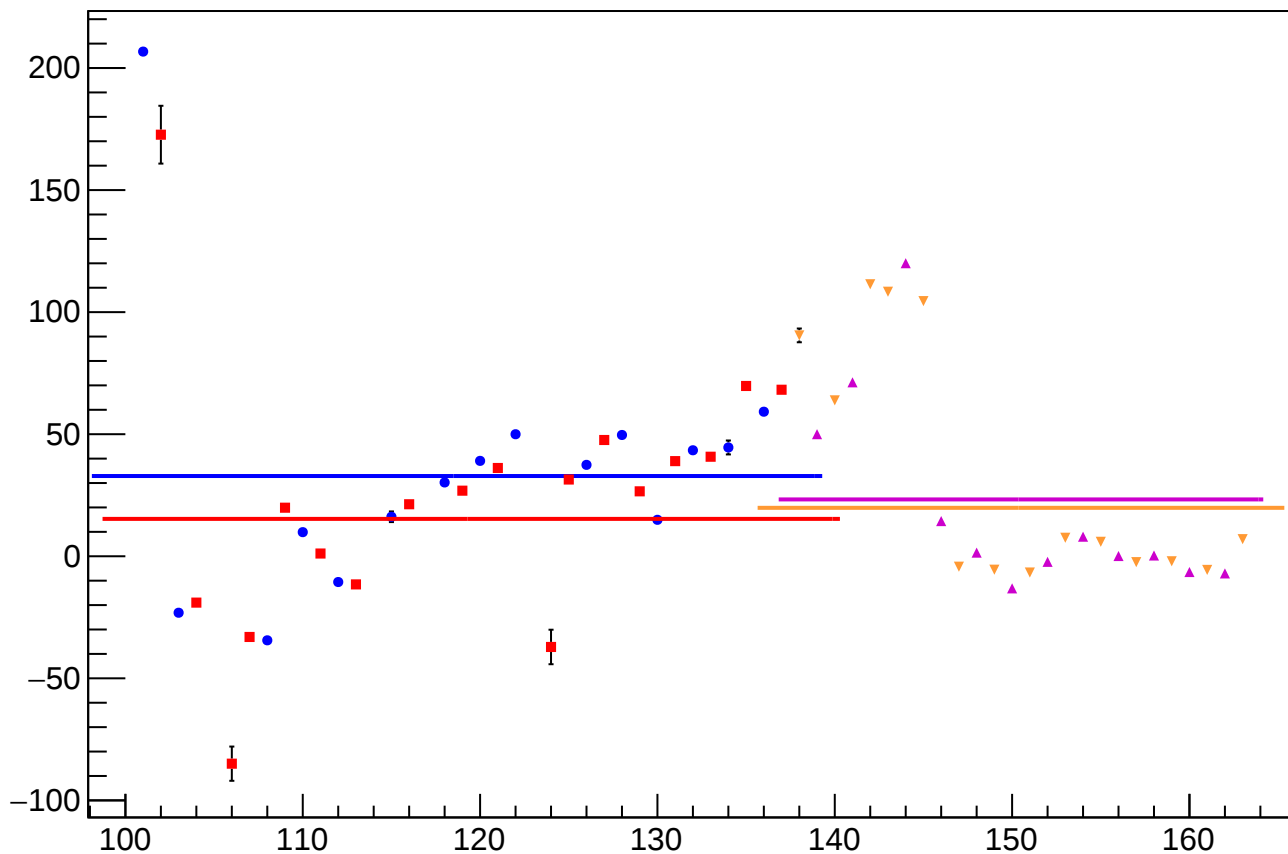
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.463 ± 0.106 χ^2/NDF : 88571.4/26

Out: -71.410 ± 0.120 χ^2/NDF : 92626.3/31

All: -76.486 ± 0.080 χ^2/NDF : 184385.4/58

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 19.841 $\pm$ 0.134 χ^2/NDF : 88904.7/13

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 23.284 $\pm$ 0.136 χ^2/NDF : 86342.6/11

Left: 21.530 $\pm$ 0.095 χ^2/NDF : 175573.4/25

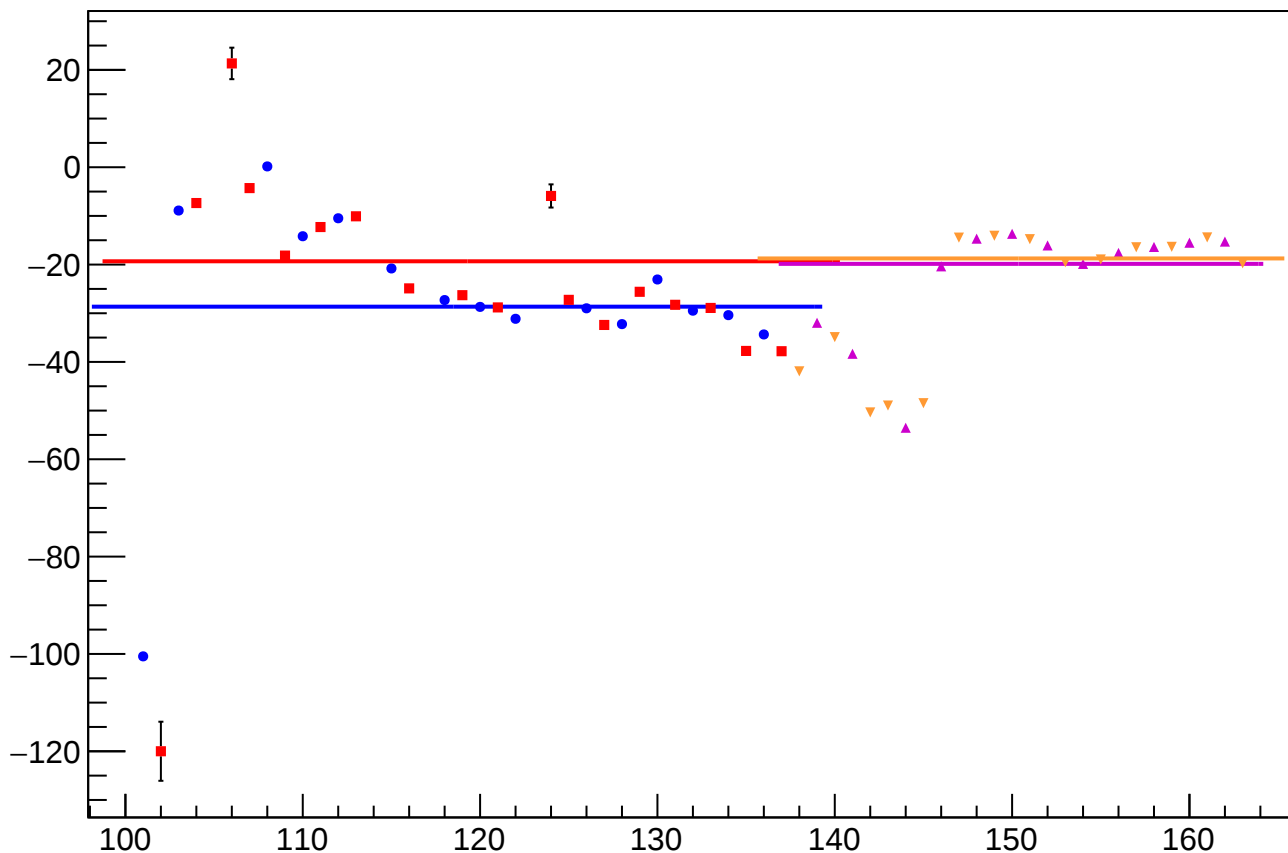
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 27.738 $\pm$ 0.100 χ^2/NDF : 120042.9/26

Out: 18.533 $\pm$ 0.113 χ^2/NDF : 105983.0/31

All: 23.702 $\pm$ 0.075 χ^2/NDF : 229775.8/58

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.740 ± 0.017 χ^2/NDF : 223123.1/13

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.854 ± 0.019 χ^2/NDF : 192715.6/11

Left: -19.252 ± 0.013 χ^2/NDF : 417774.2/25

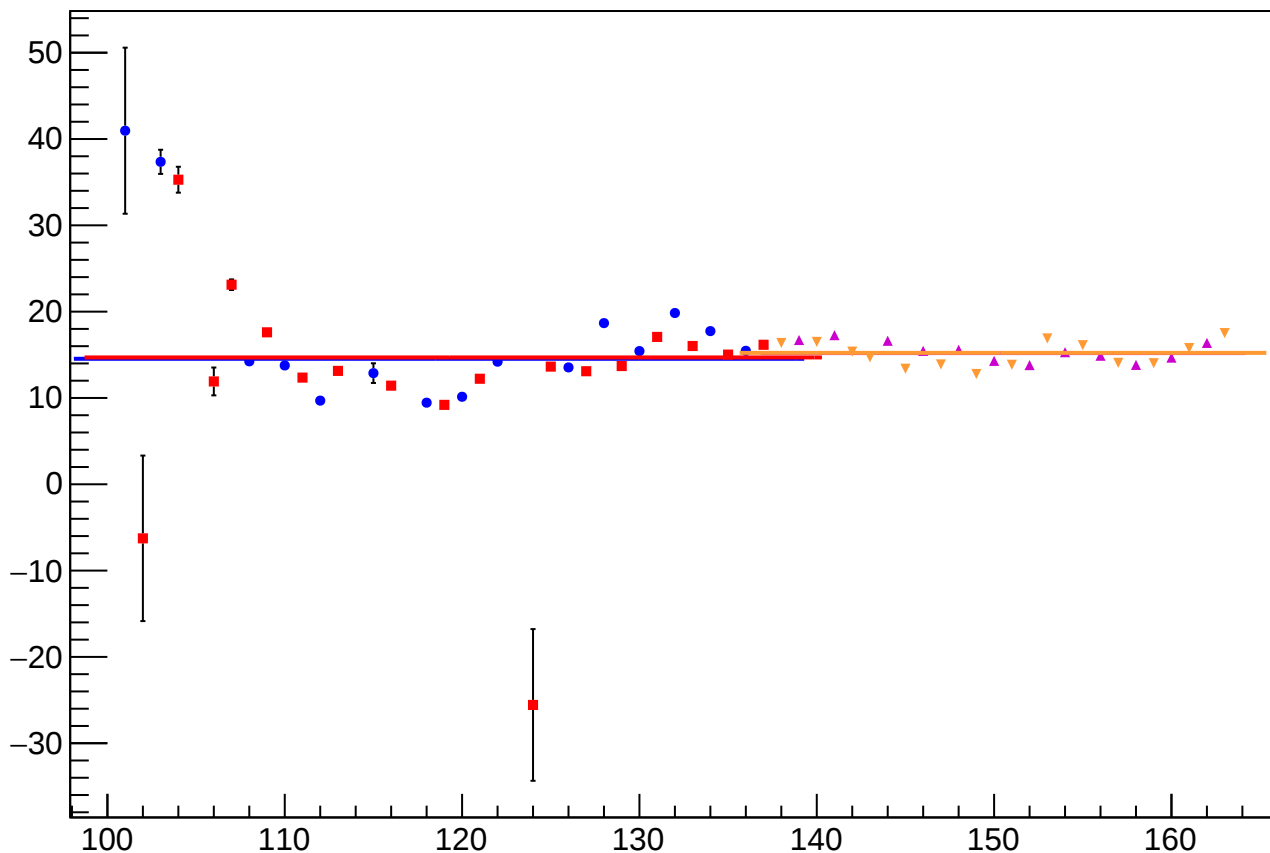
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.856 ± 0.016 χ^2/NDF : 357026.2/26

Out: -18.834 ± 0.016 χ^2/NDF : 279887.3/31

All: -20.285 ± 0.011 χ^2/NDF : 654666.8/58

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.224+/-0.018 χ^2/NDF : 6299.1/13

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.202+/-0.017 χ^2/NDF : 3956.2/11

Left: 15.213+/-0.012 χ^2/NDF : 10256.2/25

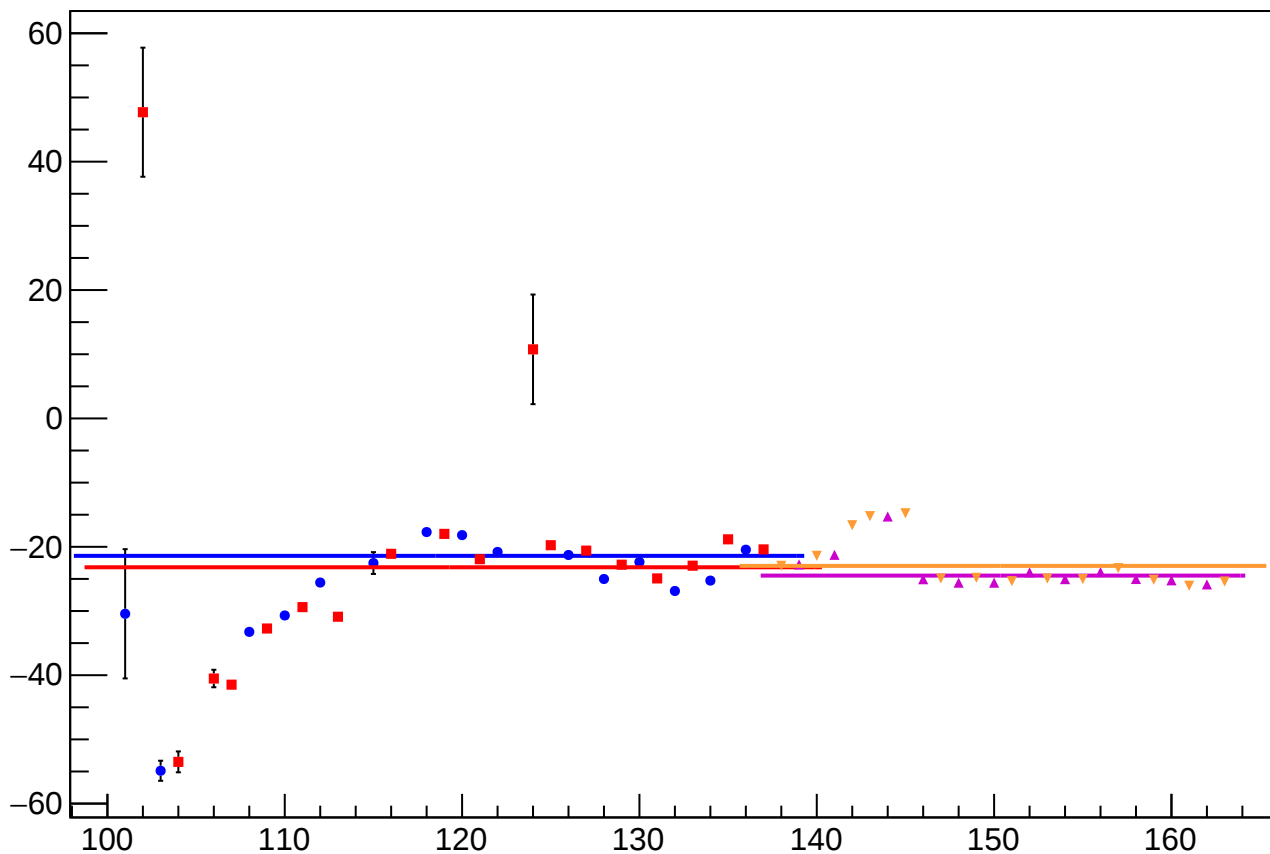
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.037+/-0.015 χ^2/NDF : 16399.6/26

Out: 15.149+/-0.016 χ^2/NDF : 8059.2/31

All: 15.088+/-0.011 χ^2/NDF : 24484.5/58

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.971 ± 0.022 $\chi^2/\text{NDF}: 29372.7/13$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.484 ± 0.020 $\chi^2/\text{NDF}: 7866.8/11$

Left: -23.792 ± 0.015 $\chi^2/\text{NDF}: 39877.2/25$

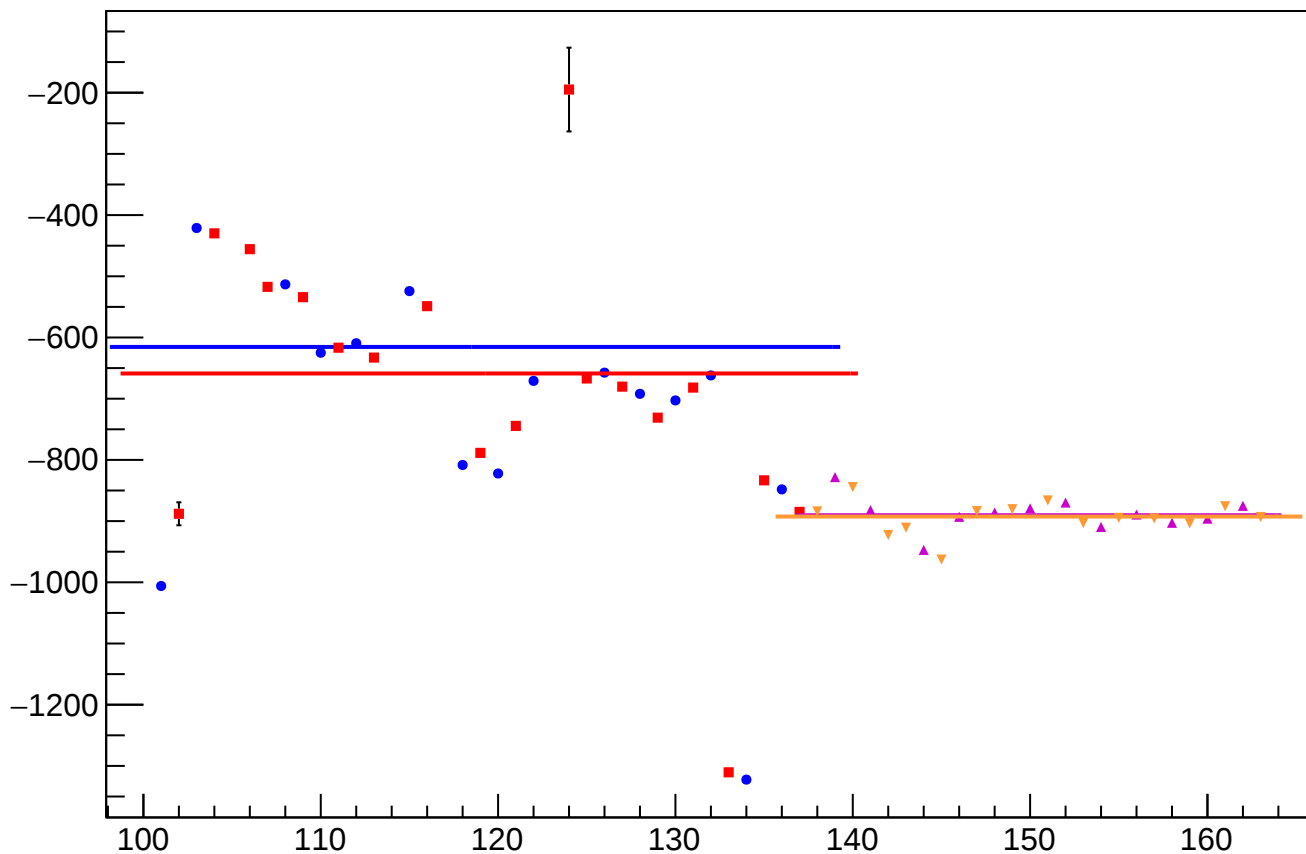
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.749 ± 0.017 $\chi^2/\text{NDF}: 23251.9/26$

Out: -23.004 ± 0.020 $\chi^2/\text{NDF}: 38514.5/31$

All: -23.428 ± 0.013 $\chi^2/\text{NDF}: 62557.9/58$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -892.565 ± 0.173 $\chi^2/\text{NDF}: 12216.1/13$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -890.416 ± 0.152 $\chi^2/\text{NDF}: 14035.2/11$

Left: -891.348 ± 0.114 $\chi^2/\text{NDF}: 26338.4/25$

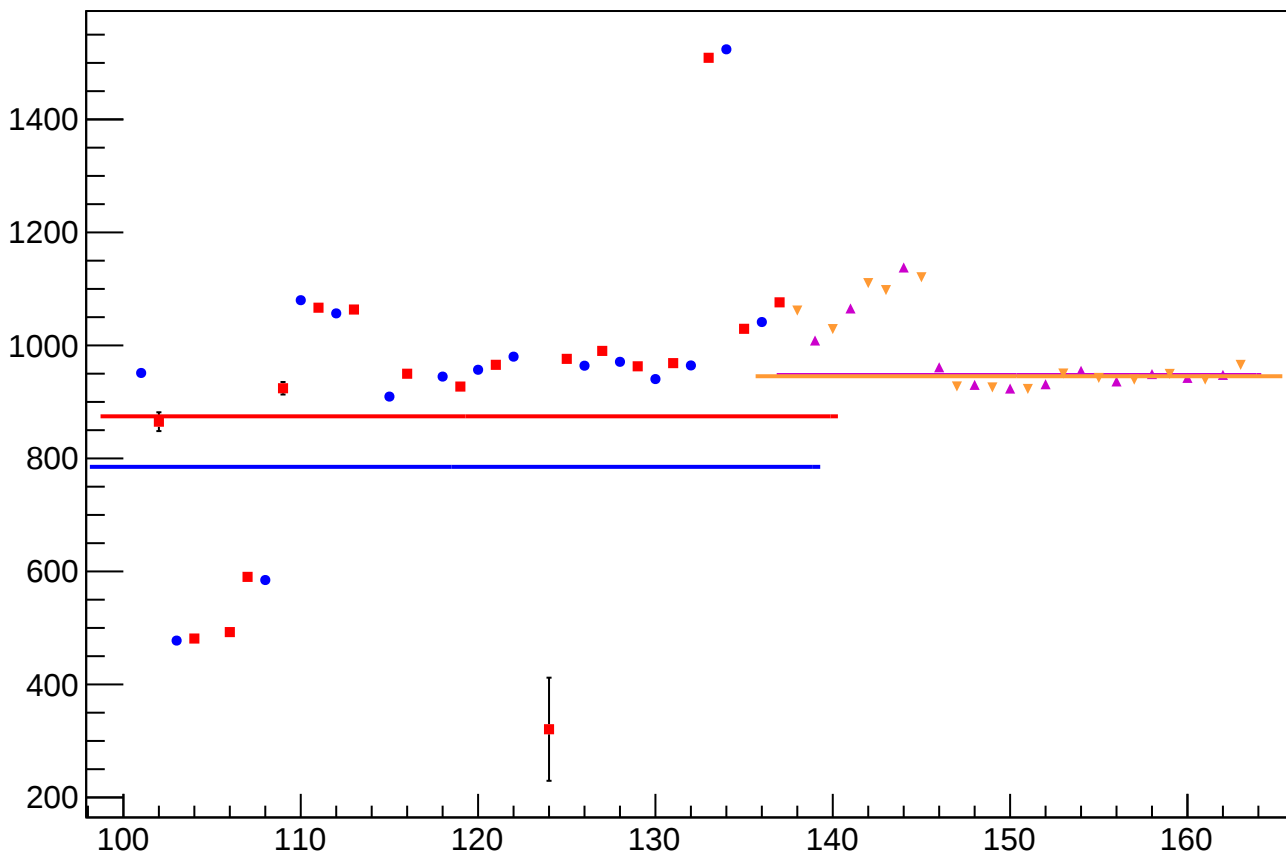
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -810.822 ± 0.128 $\chi^2/\text{NDF}: 1348684.6/26$

Out: -819.184 ± 0.144 $\chi^2/\text{NDF}: 968321.5/31$

All: -814.519 ± 0.095 $\chi^2/\text{NDF}: 2318898.0/58$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 945.452 $\pm$ 0.139 χ^2 /NDF: 69151.9/13

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 947.647 $\pm$ 0.125 χ^2 /NDF: 73914.0/11

Left: 946.665 $\pm$ 0.093 χ^2 /NDF: 143203.1/25

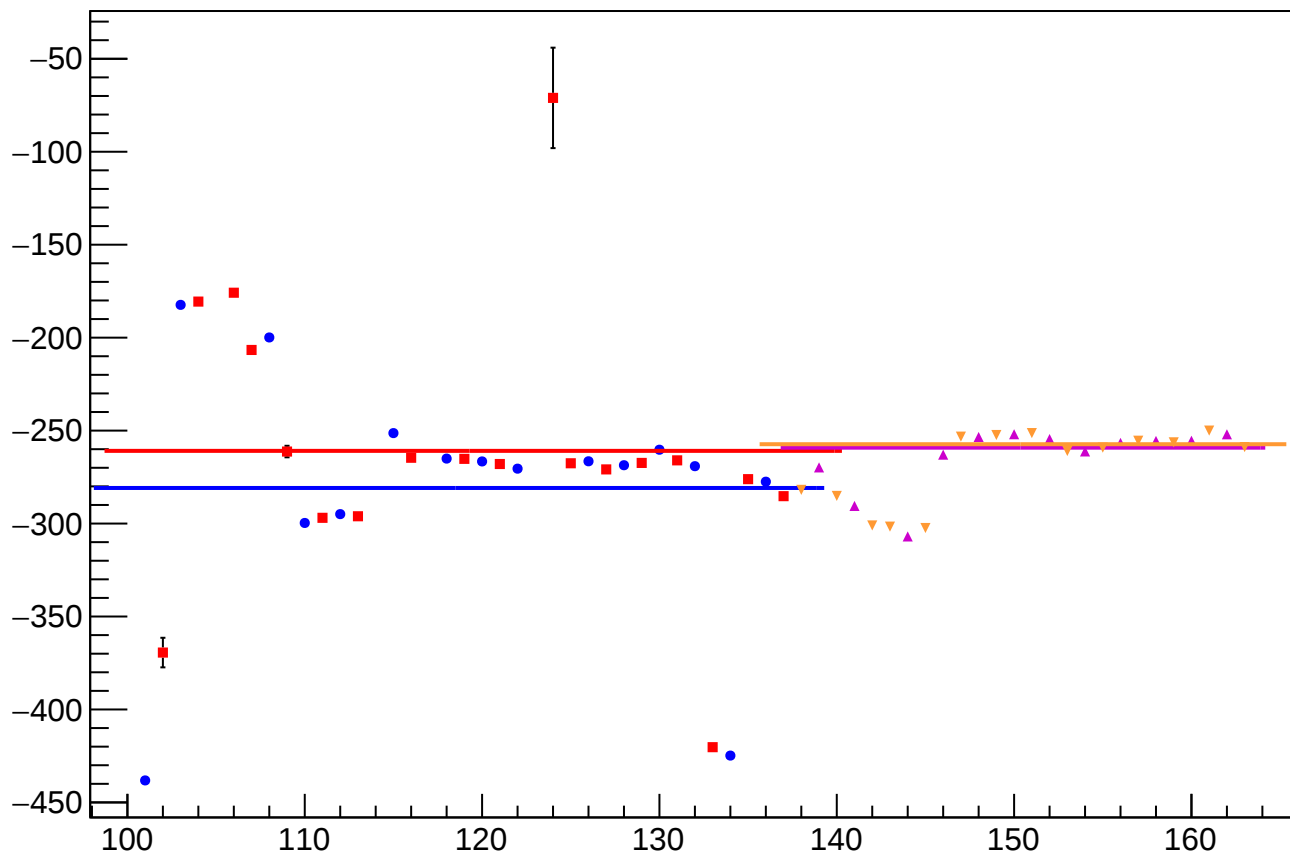
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 909.938 $\pm$ 0.110 χ^2 /NDF: 1350306.2/26

Out: 929.755 $\pm$ 0.123 χ^2 /NDF: 969124.6/31

All: 918.737 $\pm$ 0.082 χ^2 /NDF: 2333886.0/58

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -257.319+/-0.023 χ^2/NDF : 168060.2/13

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -259.177+/-0.023 χ^2/NDF : 186421.6/11

Left: -258.256+/-0.016 χ^2/NDF : 357816.5/25

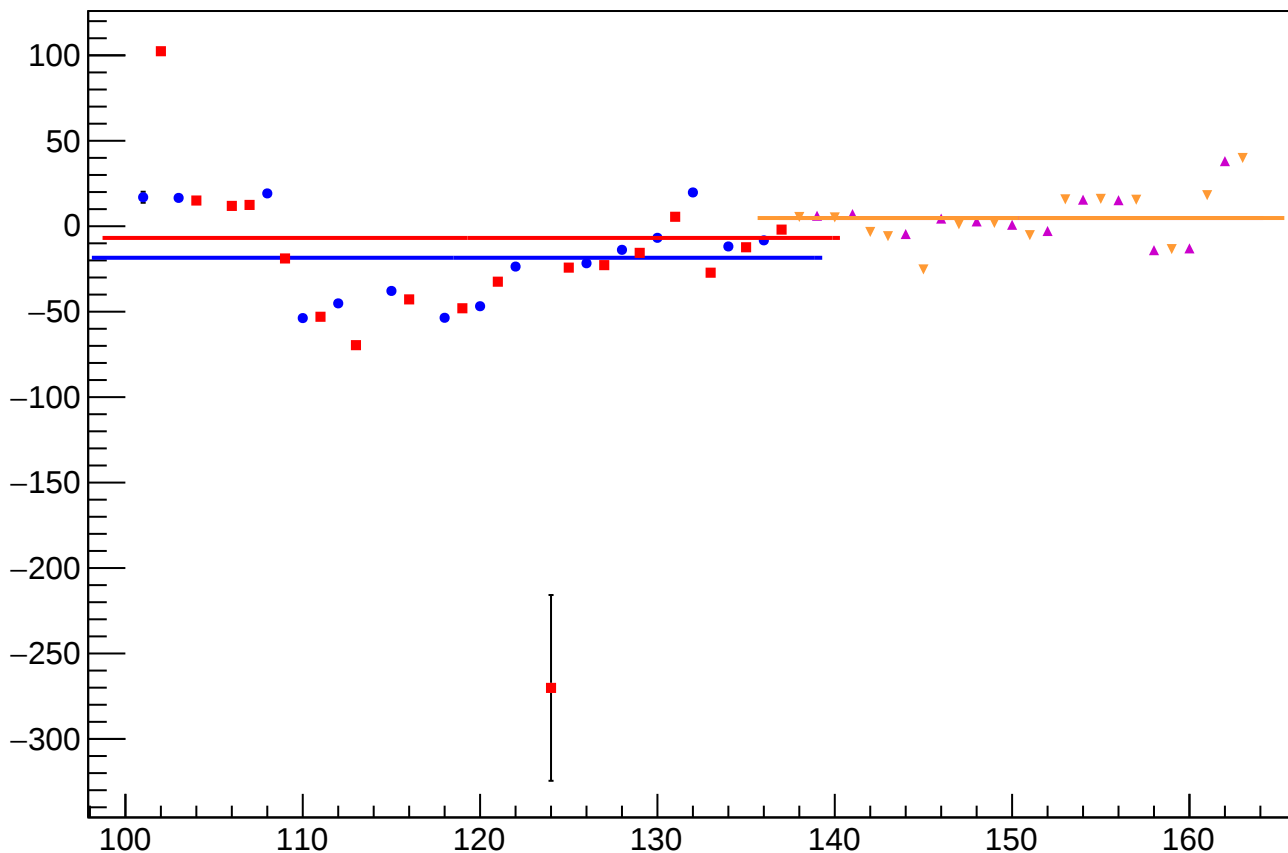
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -262.000+/-0.021 χ^2/NDF : 1179350.4/26

Out: -257.686+/-0.022 χ^2/NDF : 518294.5/31

All: -259.896+/-0.015 χ^2/NDF : 1717989.3/58

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 4.804 ± 0.028 $\chi^2/\text{NDF}: 315073.5/13$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.804 ± 0.023 $\chi^2/\text{NDF}: 389506.9/11$

Left: 4.804 ± 0.018 $\chi^2/\text{NDF}: 704580.5/25$

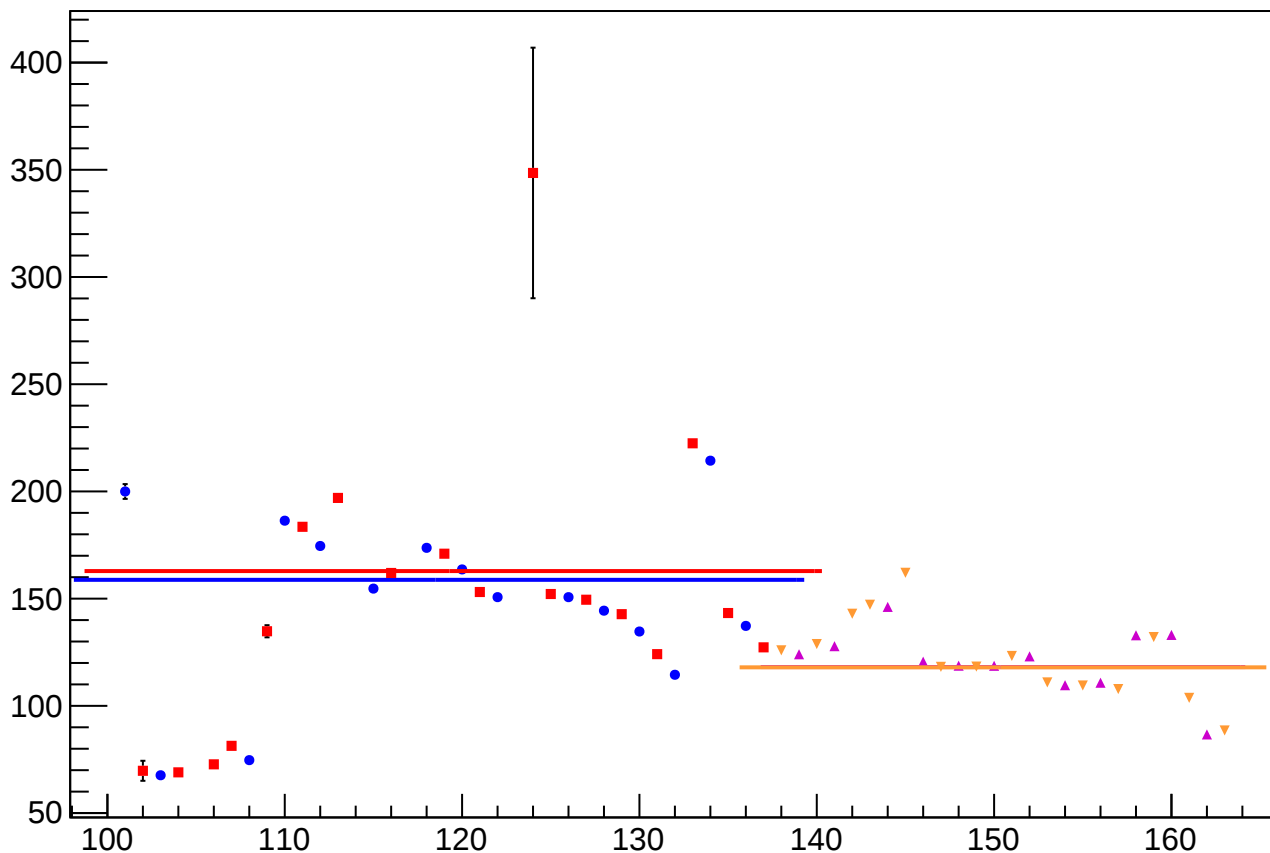
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.440 ± 0.022 $\chi^2/\text{NDF}: 497198.4/26$

Out: 2.980 ± 0.026 $\chi^2/\text{NDF}: 392535.3/31$

All: 3.243 ± 0.017 $\chi^2/\text{NDF}: 889919.4/58$

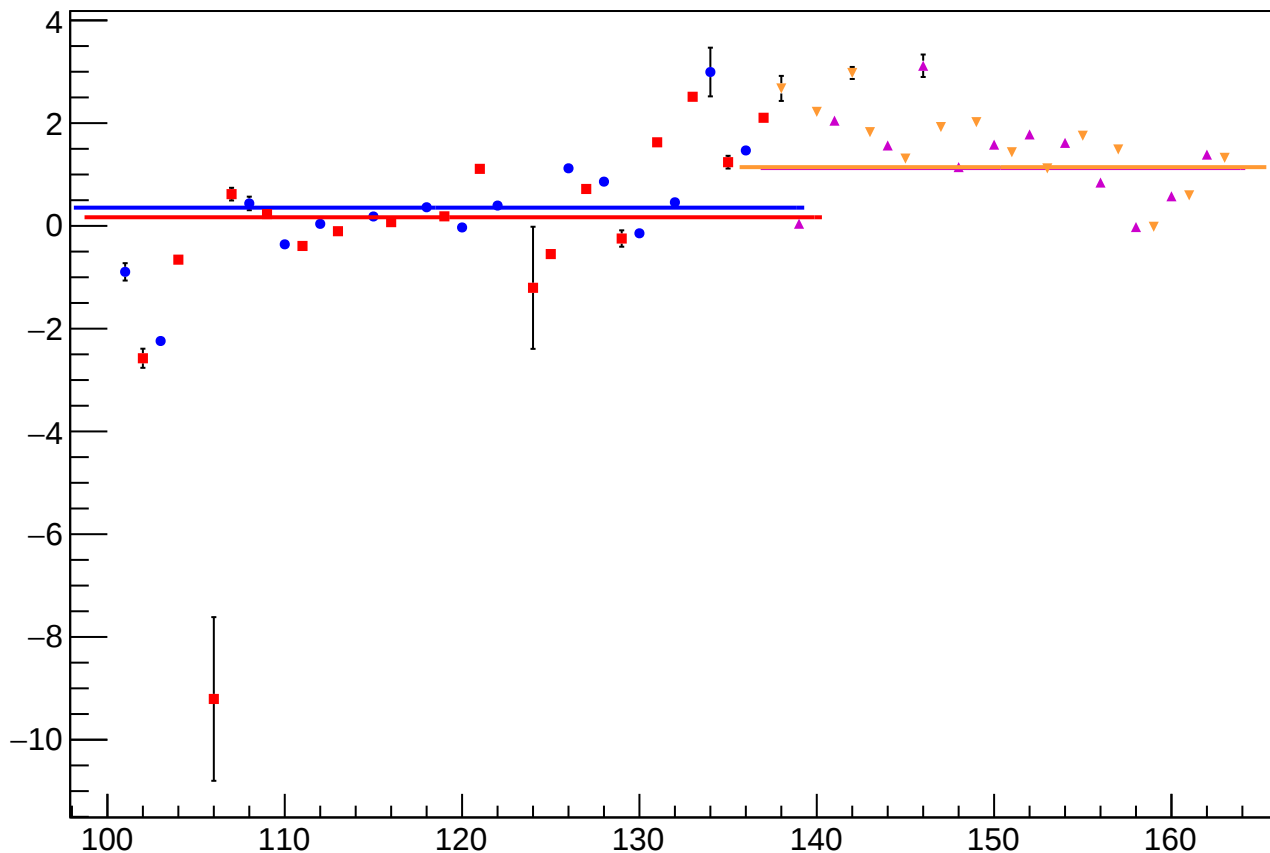
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 117.961 $\pm$ 0.032 χ^2/NDF : 185637.9/13
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 118.096 $\pm$ 0.028 χ^2/NDF : 255444.8/11

Left: 118.038 $\pm$ 0.021 χ^2/NDF : 441092.7/25
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 121.785 $\pm$ 0.027 χ^2/NDF : 607379.9/26
 Out: 122.730 $\pm$ 0.030 χ^2/NDF : 548909.2/31
 All: 122.195 $\pm$ 0.020 χ^2/NDF : 1156836.4/58

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.143 ± 0.012 $\chi^2/\text{NDF}: 4768.9/13$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.125 ± 0.009 $\chi^2/\text{NDF}: 6143.6/11$

Left: 1.132 ± 0.007 $\chi^2/\text{NDF}: 10914.0/25$

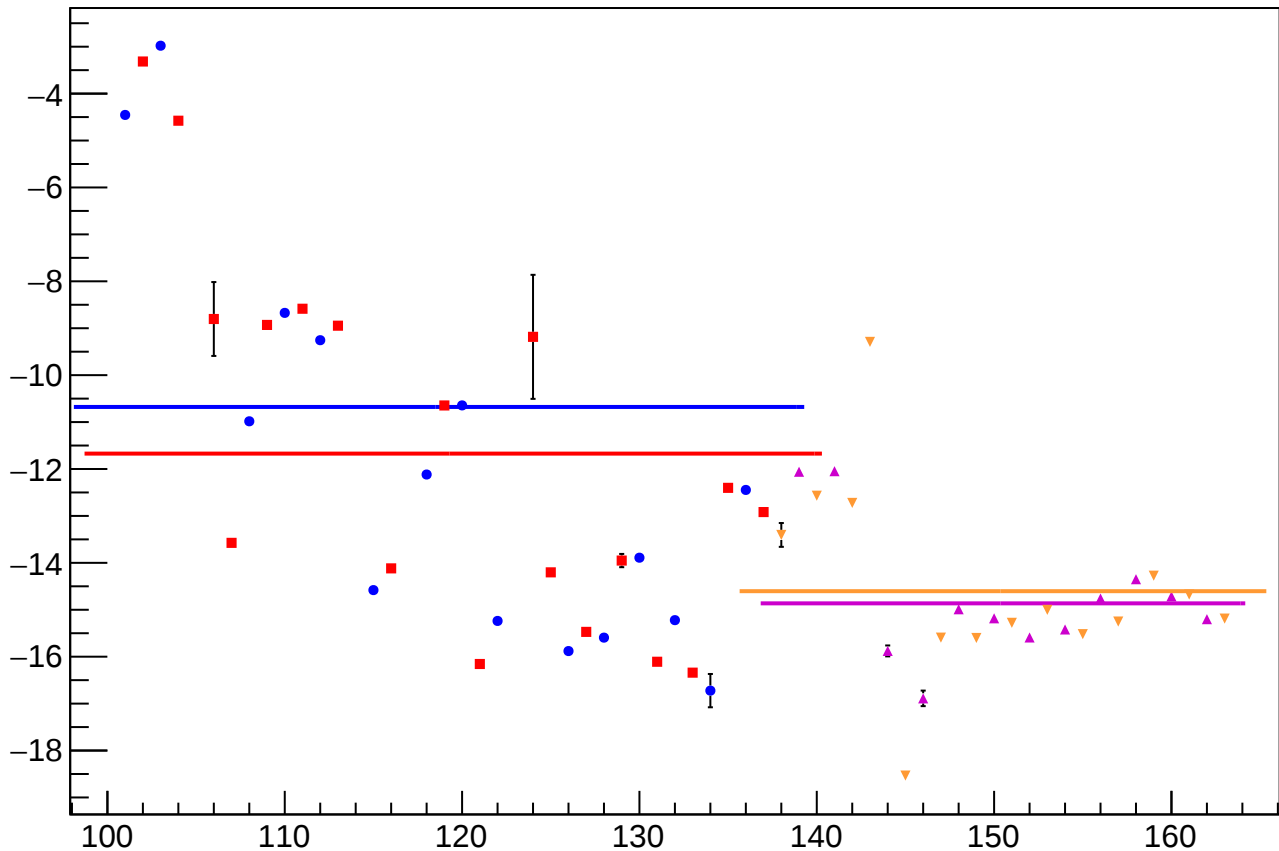
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.846 ± 0.007 $\chi^2/\text{NDF}: 12888.2/26$

Out: 0.453 ± 0.006 $\chi^2/\text{NDF}: 14111.5/31$

All: 0.630 ± 0.005 $\chi^2/\text{NDF}: 28686.0/58$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.604 ± 0.010 $\chi^2/\text{NDF}: 29448.5/13$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.863 ± 0.008 $\chi^2/\text{NDF}: 11421.0/11$

Left: -14.761 ± 0.006 $\chi^2/\text{NDF}: 41293.1/25$

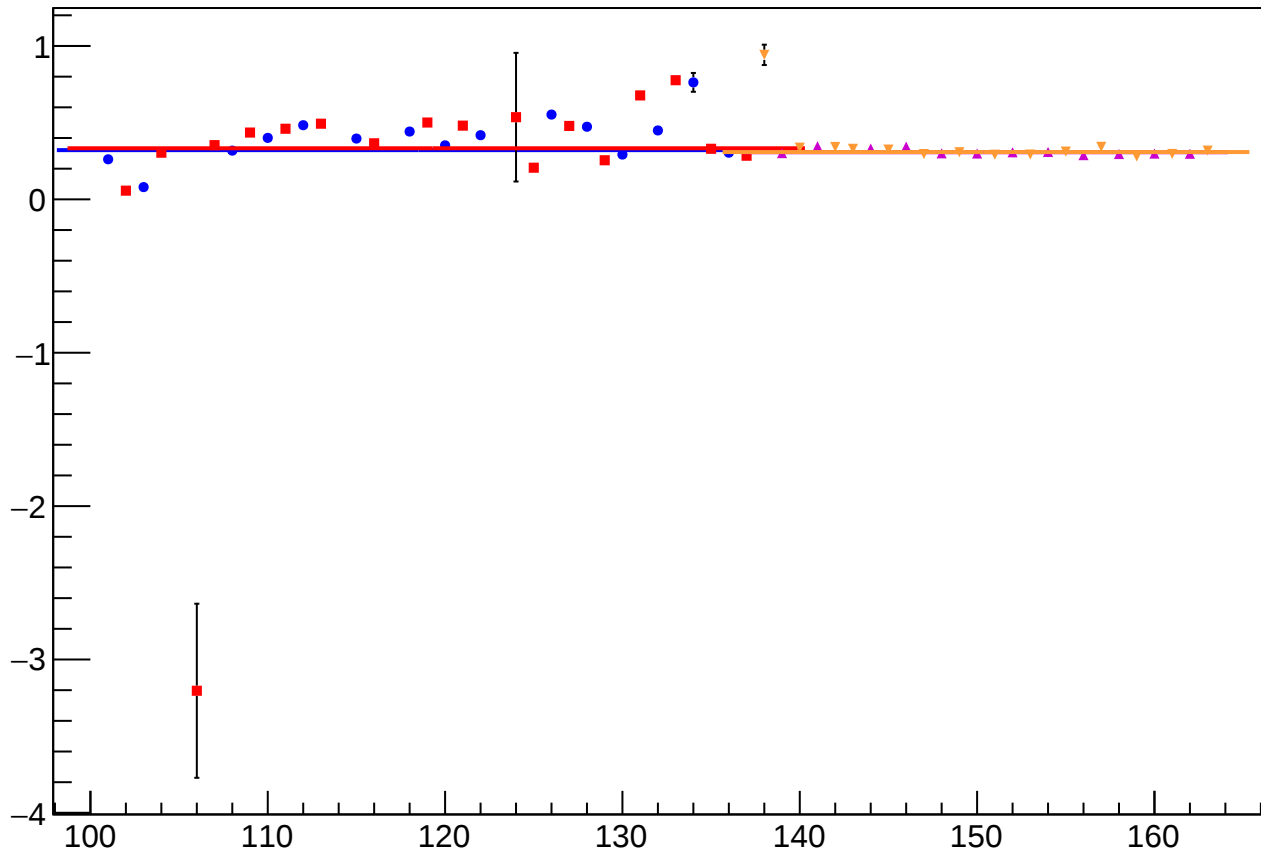
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.304 ± 0.006 $\chi^2/\text{NDF}: 342272.5/26$

Out: -13.387 ± 0.008 $\chi^2/\text{NDF}: 174395.1/31$

All: -13.338 ± 0.005 $\chi^2/\text{NDF}: 516739.0/58$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.308+/-0.000 χ^2/NDF : 3857.0/13

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.307+/-0.000 χ^2/NDF : 2045.1/11

Left: 0.308+/-0.000 χ^2/NDF : 5908.7/25

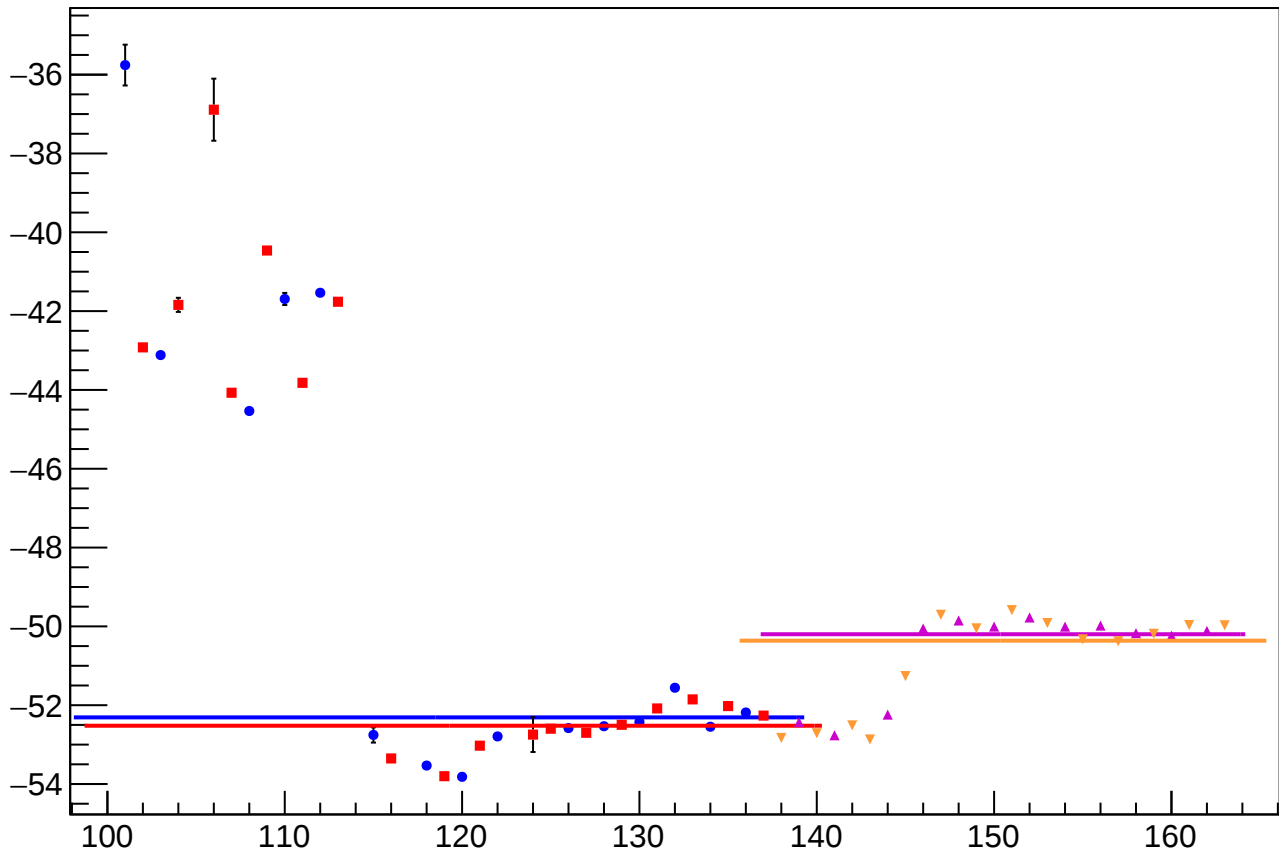
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6254.3/26

Out: 0.310+/-0.000 χ^2/NDF : 8391.6/31

All: 0.309+/-0.000 χ^2/NDF : 14654.9/58

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.363 $\pm$ 0.002 χ^2 /NDF: 225444.9/13

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.199 $\pm$ 0.002 χ^2 /NDF: 155251.2/11

Left: -50.263 $\pm$ 0.001 χ^2 /NDF: 384775.2/25

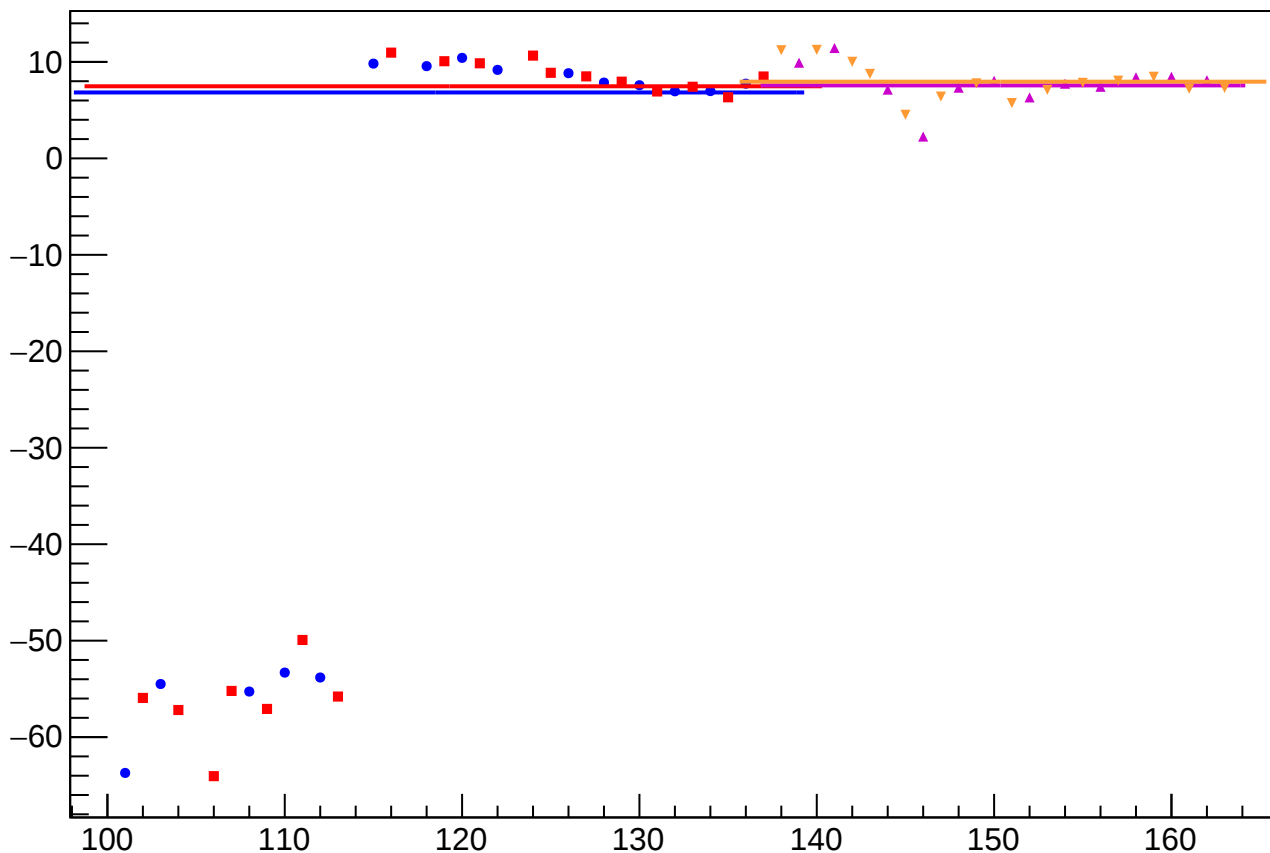
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.443 $\pm$ 0.002 χ^2 /NDF: 410753.8/26

Out: -50.708 $\pm$ 0.002 χ^2 /NDF: 486546.1/31

All: -50.549 $\pm$ 0.001 χ^2 /NDF: 909679.9/58

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.951 ± 0.005 $\chi^2/\text{NDF}: 79529.3/13$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.566 ± 0.004 $\chi^2/\text{NDF}: 99927.6/11$

Left: 7.719 ± 0.003 $\chi^2/\text{NDF}: 183742.1/25$

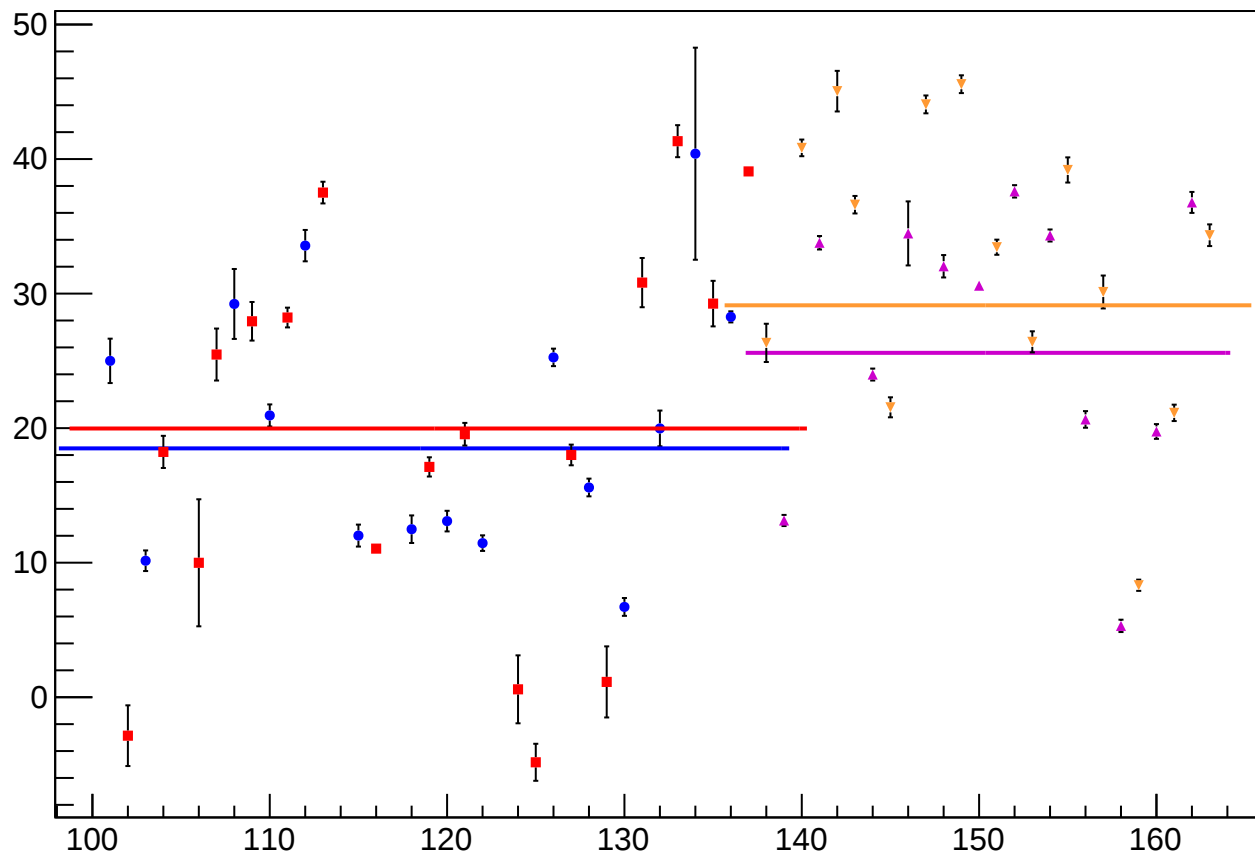
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.310 ± 0.003 $\chi^2/\text{NDF}: 1104112.4/26$

Out: 7.858 ± 0.004 $\chi^2/\text{NDF}: 1277152.9/31$

All: 7.501 ± 0.002 $\chi^2/\text{NDF}: 2392944.3/58$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 29.130 ± 0.186 $\chi^2/\text{NDF}: 4718.9/13$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 25.597 ± 0.144 $\chi^2/\text{NDF}: 4892.6/11$

Left: 26.921 ± 0.114 $\chi^2/\text{NDF}: 9836.5/25$

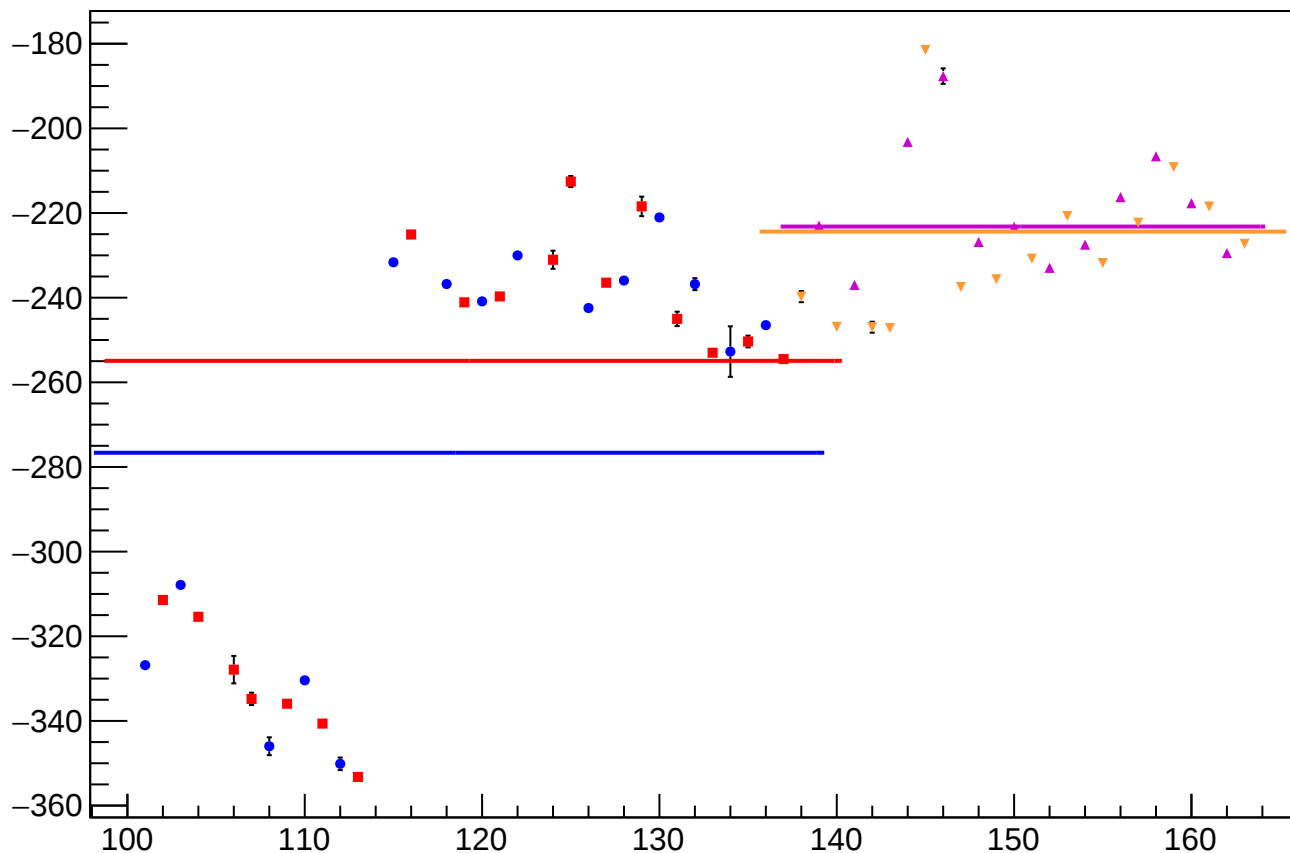
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 23.168 ± 0.117 $\chi^2/\text{NDF}: 7358.2/26$

Out: 22.979 ± 0.107 $\chi^2/\text{NDF}: 15544.1/31$

All: 23.065 ± 0.079 $\chi^2/\text{NDF}: 22903.8/58$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -224.390 ± 0.151 χ^2/NDF : 13820.3/13

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -223.197 ± 0.124 χ^2/NDF : 4783.3/11

Left: -223.676 ± 0.096 χ^2/NDF : 18640.9/25

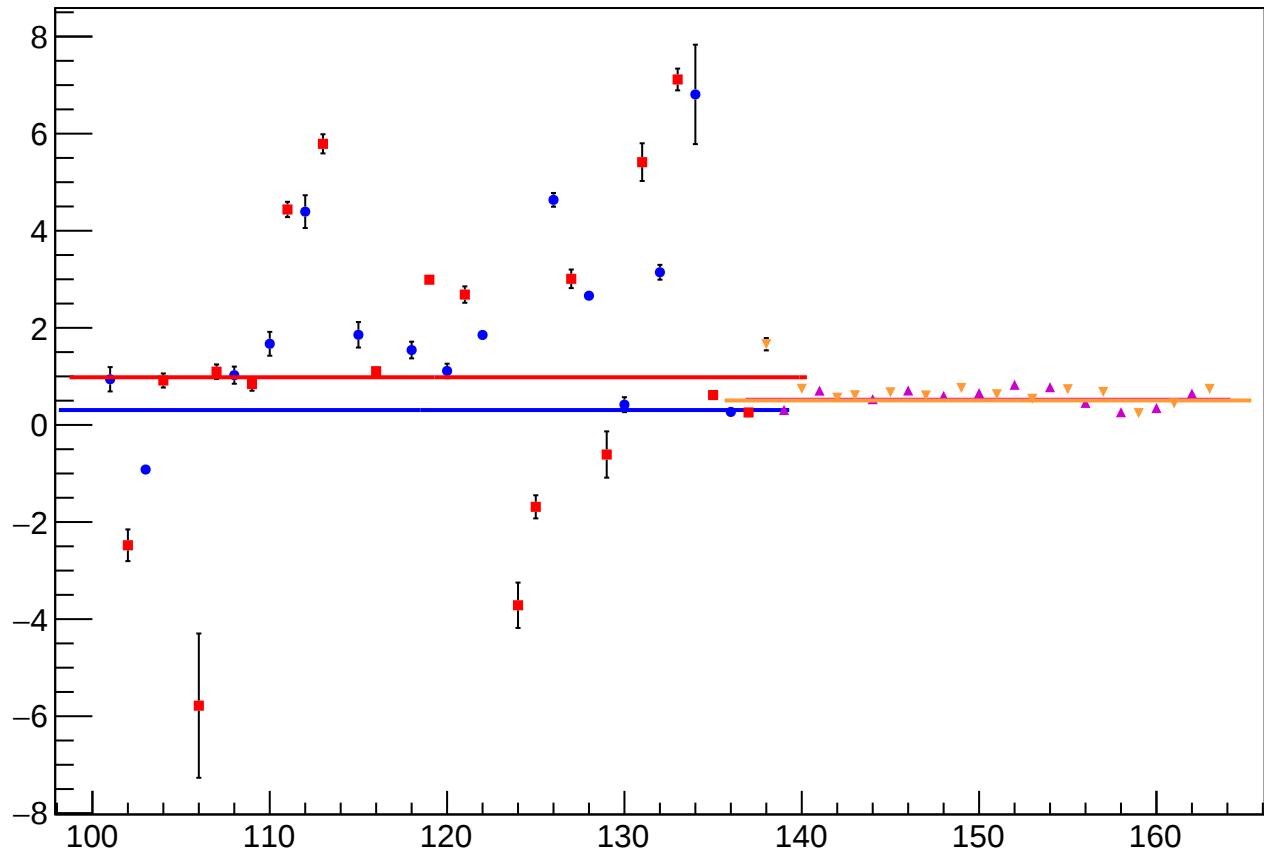
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -245.269 ± 0.095 χ^2/NDF : 158901.8/26

Out: -249.375 ± 0.064 χ^2/NDF : 119144.1/31

All: -248.078 ± 0.053 χ^2/NDF : 279328.2/58

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.505 ± 0.002 $\chi^2/\text{NDF}: 7994.5/13$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.519 ± 0.002 $\chi^2/\text{NDF}: 12334.9/11$

Left: 0.513 ± 0.002 $\chi^2/\text{NDF}: 20350.1/25$

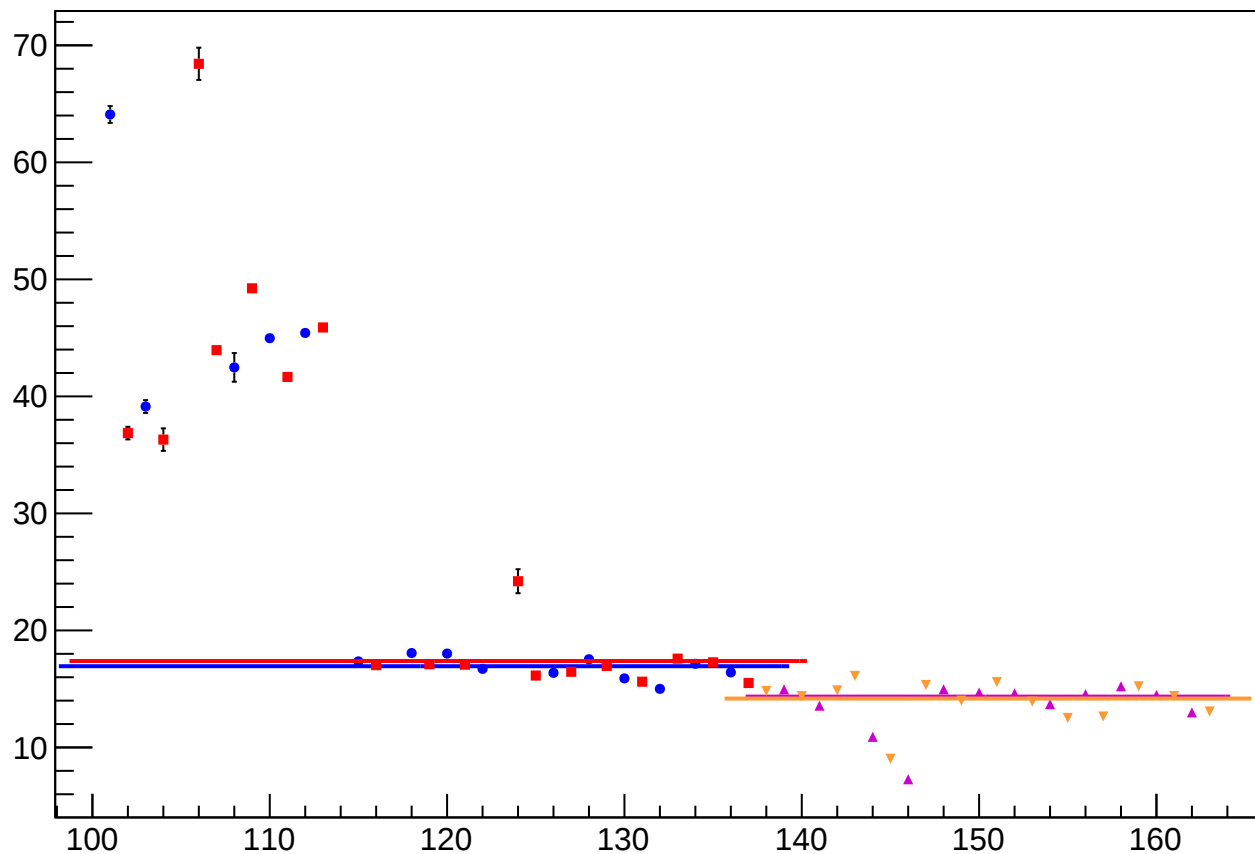
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.501 ± 0.002 $\chi^2/\text{NDF}: 16057.9/26$

Out: 0.517 ± 0.002 $\chi^2/\text{NDF}: 12399.9/31$

All: 0.507 ± 0.001 $\chi^2/\text{NDF}: 28484.6/58$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.179 ± 0.010 $\chi^2/\text{NDF}: 50075.8/13$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.344 ± 0.010 $\chi^2/\text{NDF}: 8571.7/11$

Left: 14.260 ± 0.007 $\chi^2/\text{NDF}: 58793.8/25$

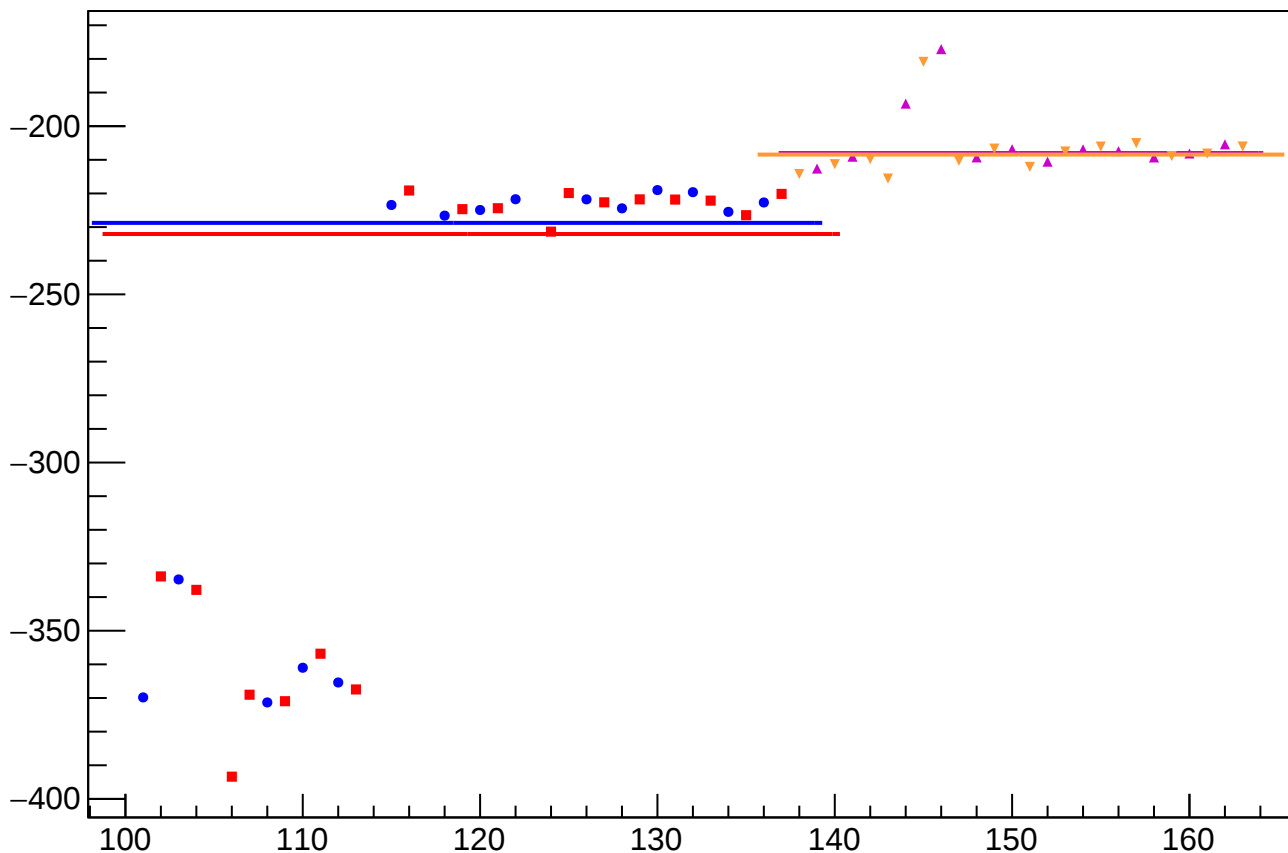
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.286 ± 0.008 $\chi^2/\text{NDF}: 63551.4/26$

Out: 14.913 ± 0.008 $\chi^2/\text{NDF}: 136828.6/31$

All: 15.115 ± 0.006 $\chi^2/\text{NDF}: 201442.2/58$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.442 ± 0.019 $\chi^2/\text{NDF}: 75035.6/13$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -207.968 ± 0.018 $\chi^2/\text{NDF}: 15785.1/11$

Left: -208.196 ± 0.013 $\chi^2/\text{NDF}: 91142.9/25$

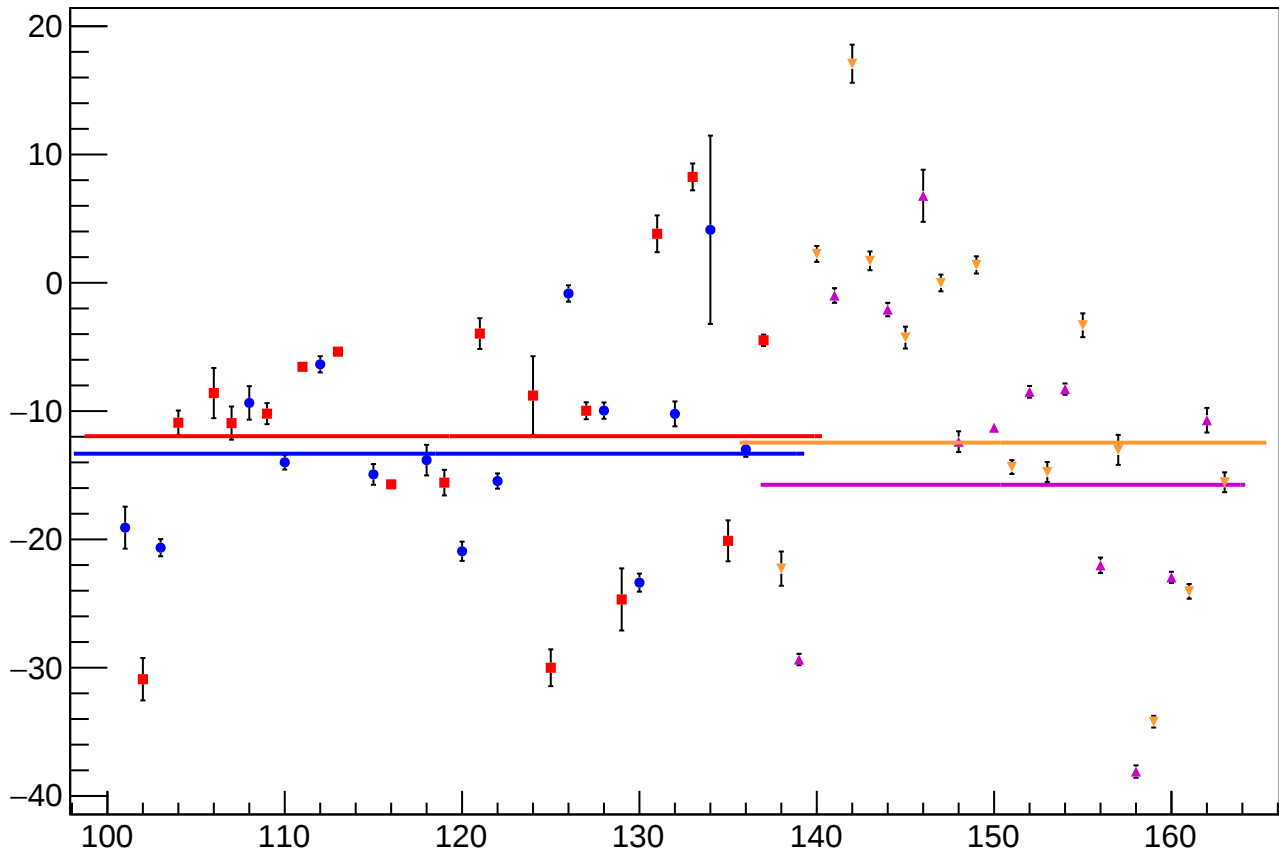
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -212.485 ± 0.016 $\chi^2/\text{NDF}: 954302.0/26$

Out: -212.576 ± 0.017 $\chi^2/\text{NDF}: 1136274.5/31$

All: -212.527 ± 0.012 $\chi^2/\text{NDF}: 2090591.4/58$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -12.459 ± 0.190 $\chi^2/\text{NDF}: 5058.9/13$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.745 ± 0.149 $\chi^2/\text{NDF}: 5663.6/11$

Left: -14.489 ± 0.117 $\chi^2/\text{NDF}: 10908.1/25$

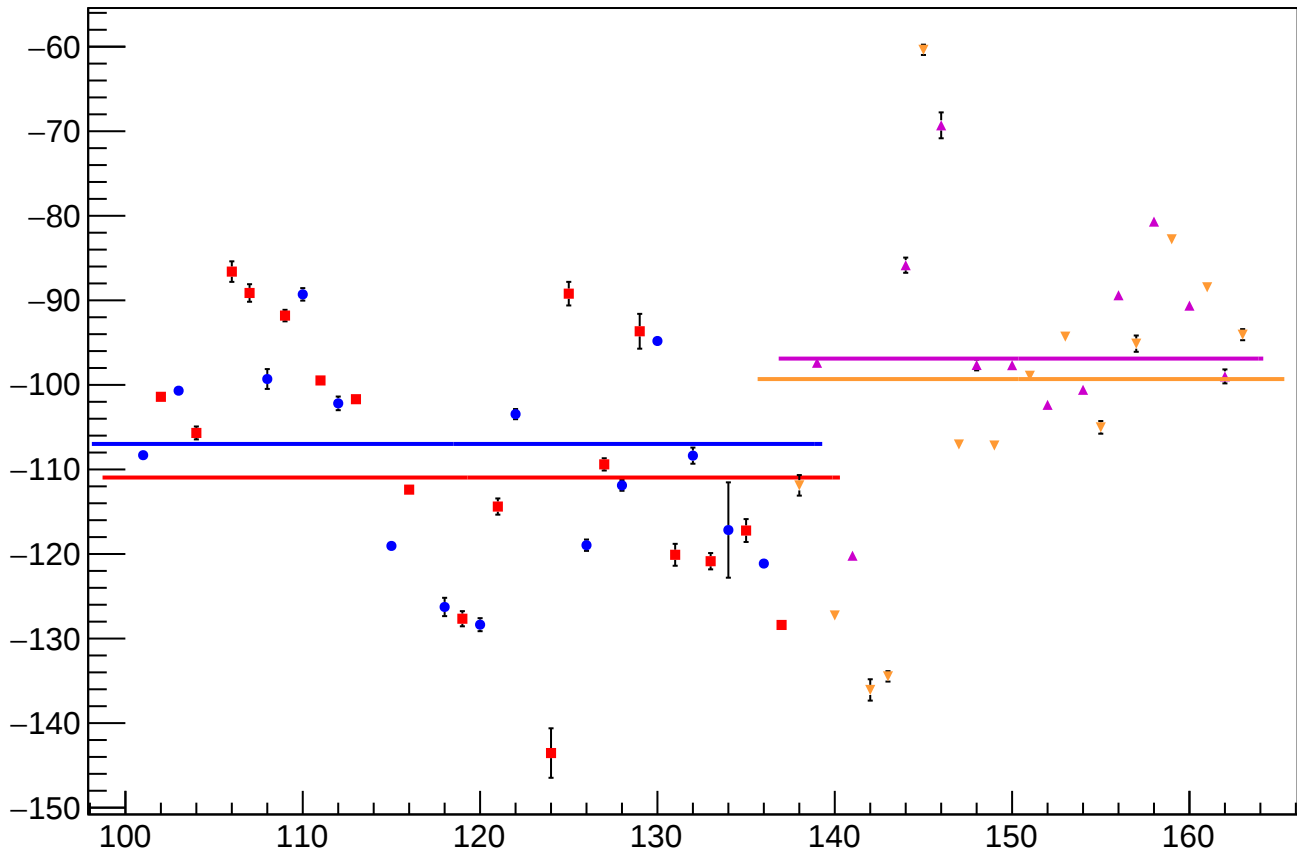
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.843 ± 0.118 $\chi^2/\text{NDF}: 6774.9/26$

Out: -12.087 ± 0.097 $\chi^2/\text{NDF}: 7551.3/31$

All: -13.194 ± 0.075 $\chi^2/\text{NDF}: 14651.7/58$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.311 ± 0.152 χ^2/NDF : 14700.4/13

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.889 ± 0.125 χ^2/NDF : 5254.2/11

Left: -97.862 ± 0.096 χ^2/NDF : 20106.7/25

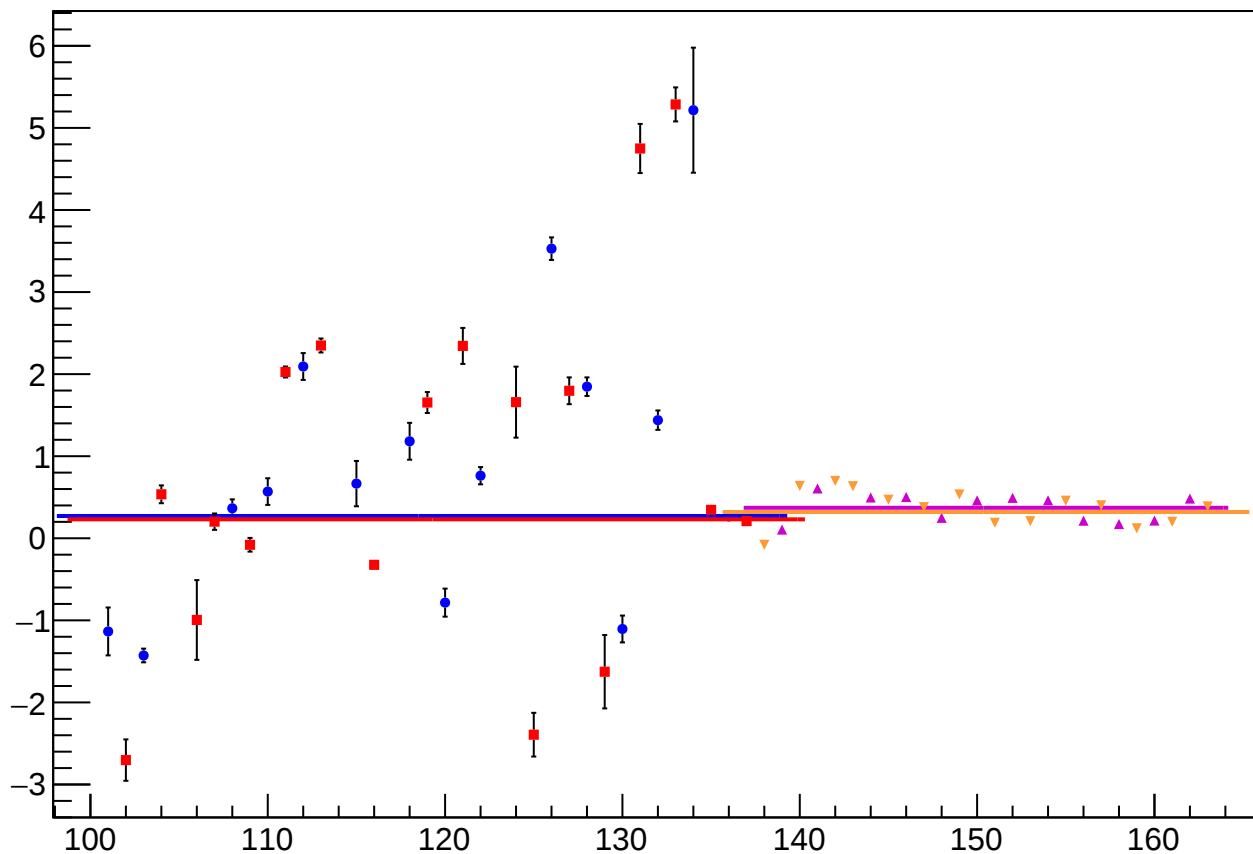
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.557 ± 0.082 χ^2/NDF : 13603.1/26

Out: -109.808 ± 0.048 χ^2/NDF : 30676.4/31

All: -107.992 ± 0.041 χ^2/NDF : 50078.3/58

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.320 ± 0.003 χ^2/NDF : 6452.0/13

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.372 ± 0.002 χ^2/NDF : 7377.3/11

Left: 0.352 ± 0.002 χ^2/NDF : 14079.7/25

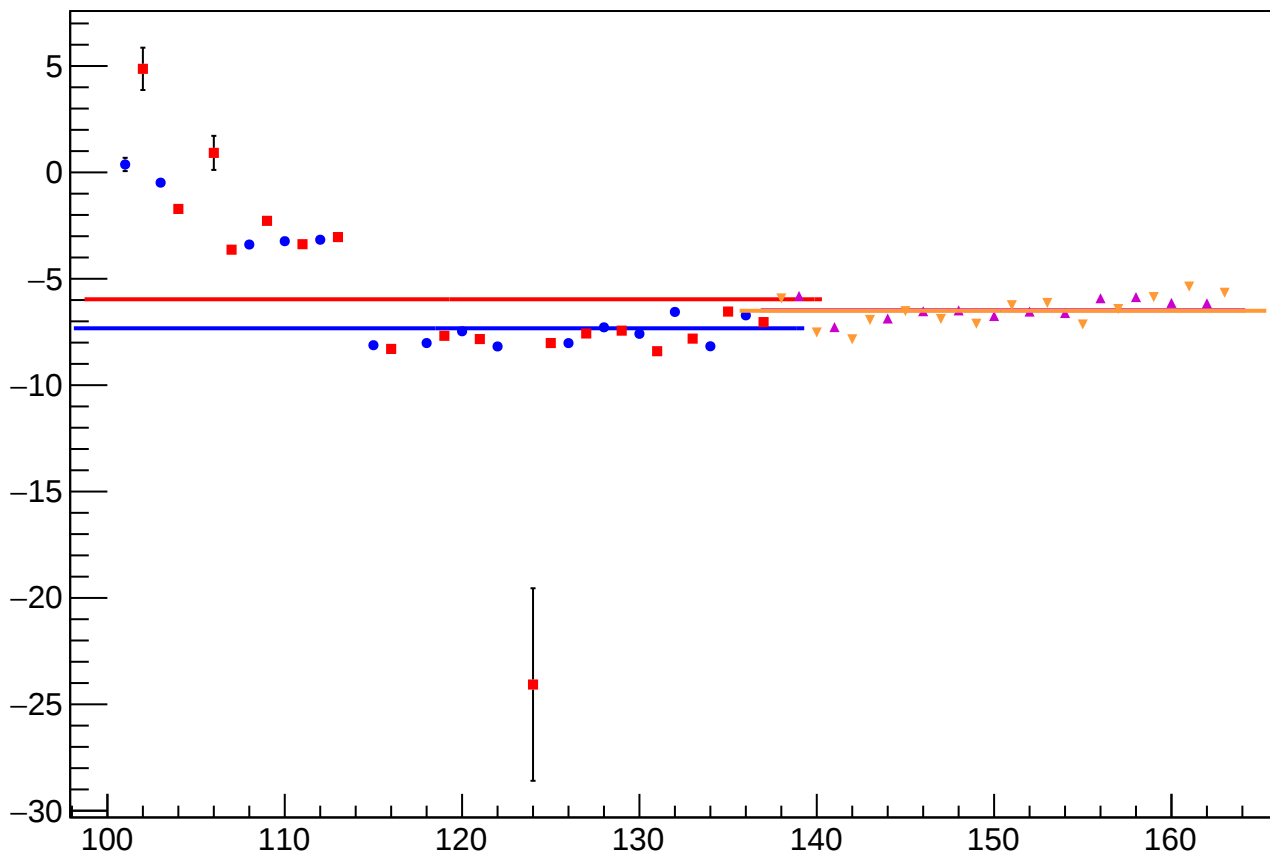
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.359 ± 0.002 χ^2/NDF : 9300.7/26

Out: 0.298 ± 0.002 χ^2/NDF : 9668.4/31

All: 0.333 ± 0.001 χ^2/NDF : 19409.0/58

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.504 ± 0.008 $\chi^2/\text{NDF}: 5548.3/13$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.479 ± 0.006 $\chi^2/\text{NDF}: 5248.3/11$

Left: -6.488 ± 0.005 $\chi^2/\text{NDF}: 10803.1/25$

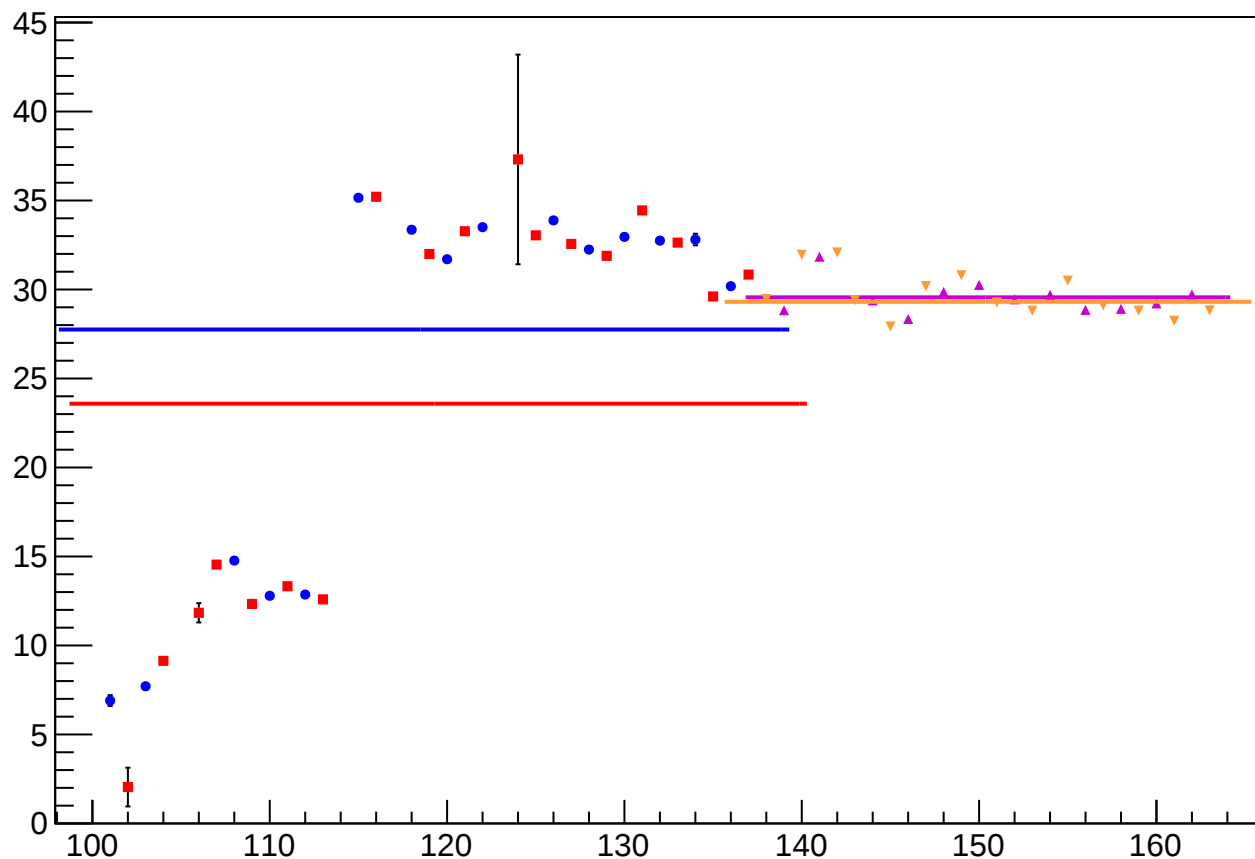
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.771 ± 0.005 $\chi^2/\text{NDF}: 42451.5/26$

Out: -6.270 ± 0.006 $\chi^2/\text{NDF}: 79502.5/31$

All: -6.560 ± 0.004 $\chi^2/\text{NDF}: 126318.6/58$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.309 $\pm$ 0.013 χ^2 /NDF: 8293.2/13

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.560 $\pm$ 0.011 χ^2 /NDF: 2960.8/11

Left: 29.450 $\pm$ 0.008 χ^2 /NDF: 11477.9/25

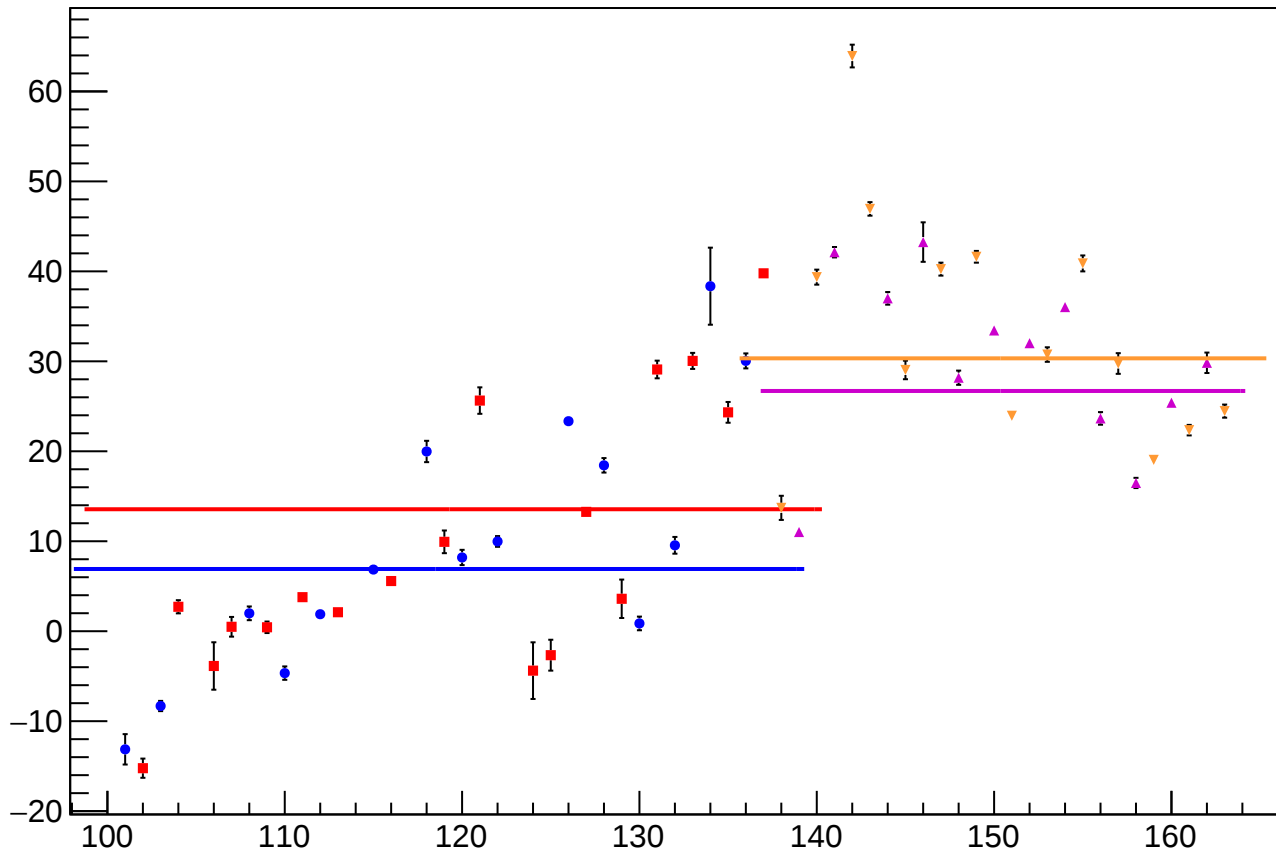
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.925 $\pm$ 0.009 χ^2 /NDF: 345261.6/26

Out: 26.700 $\pm$ 0.009 χ^2 /NDF: 642724.8/31

All: 27.855 $\pm$ 0.006 χ^2 /NDF: 1017969.2/58

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 30.331 ± 0.194 $\chi^2/\text{NDF}: 3107.3/13$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.703 ± 0.147 $\chi^2/\text{NDF}: 4631.8/11$

Left: 28.026 ± 0.117 $\chi^2/\text{NDF}: 7960.4/25$

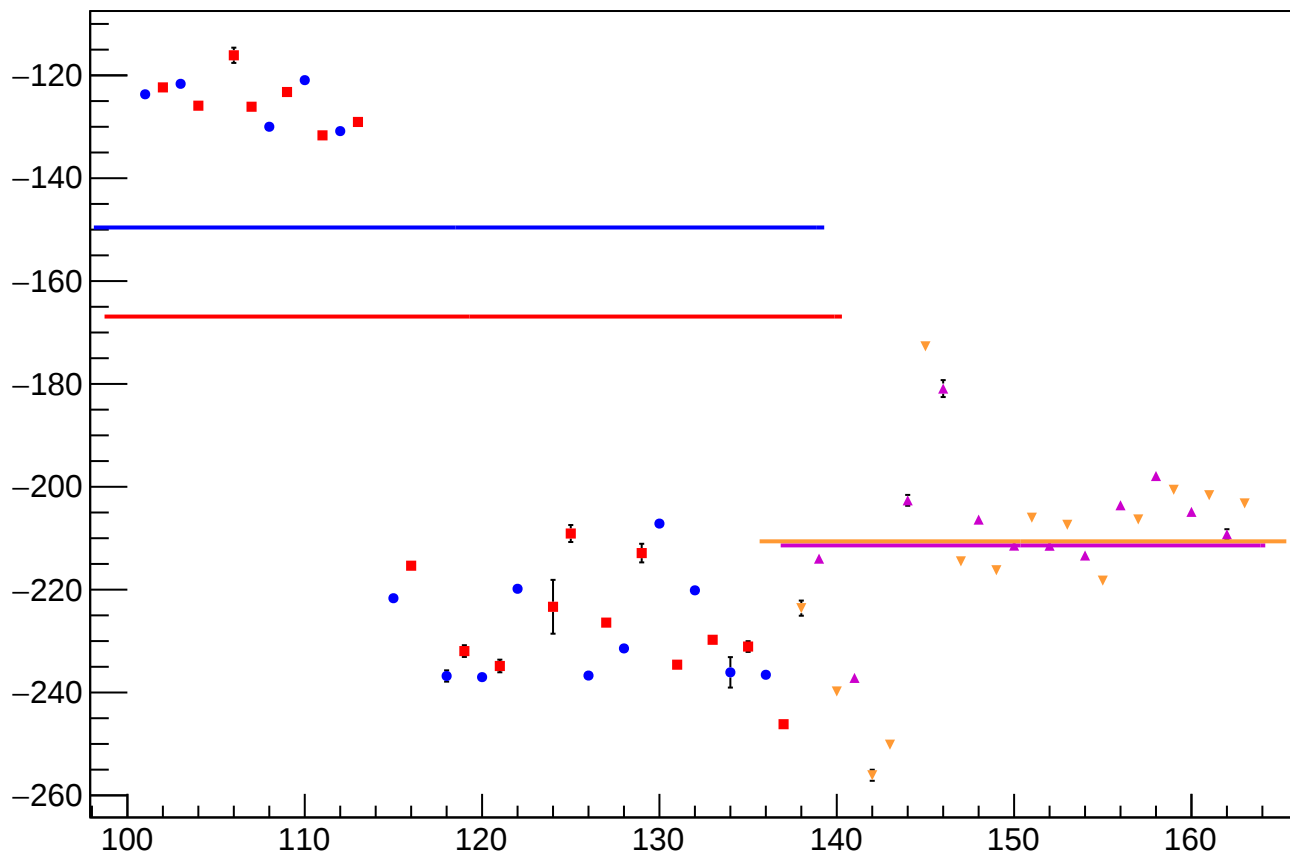
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.585 ± 0.113 $\chi^2/\text{NDF}: 15542.4/26$

Out: 19.558 ± 0.116 $\chi^2/\text{NDF}: 19547.9/31$

All: 19.058 ± 0.081 $\chi^2/\text{NDF}: 35126.4/58$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -210.605 ± 0.157 $\chi^2/\text{NDF}: 11971.3/13$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -211.395 ± 0.123 $\chi^2/\text{NDF}: 5138.6/11$

Left: -211.094 ± 0.097 $\chi^2/\text{NDF}: 17125.6/25$

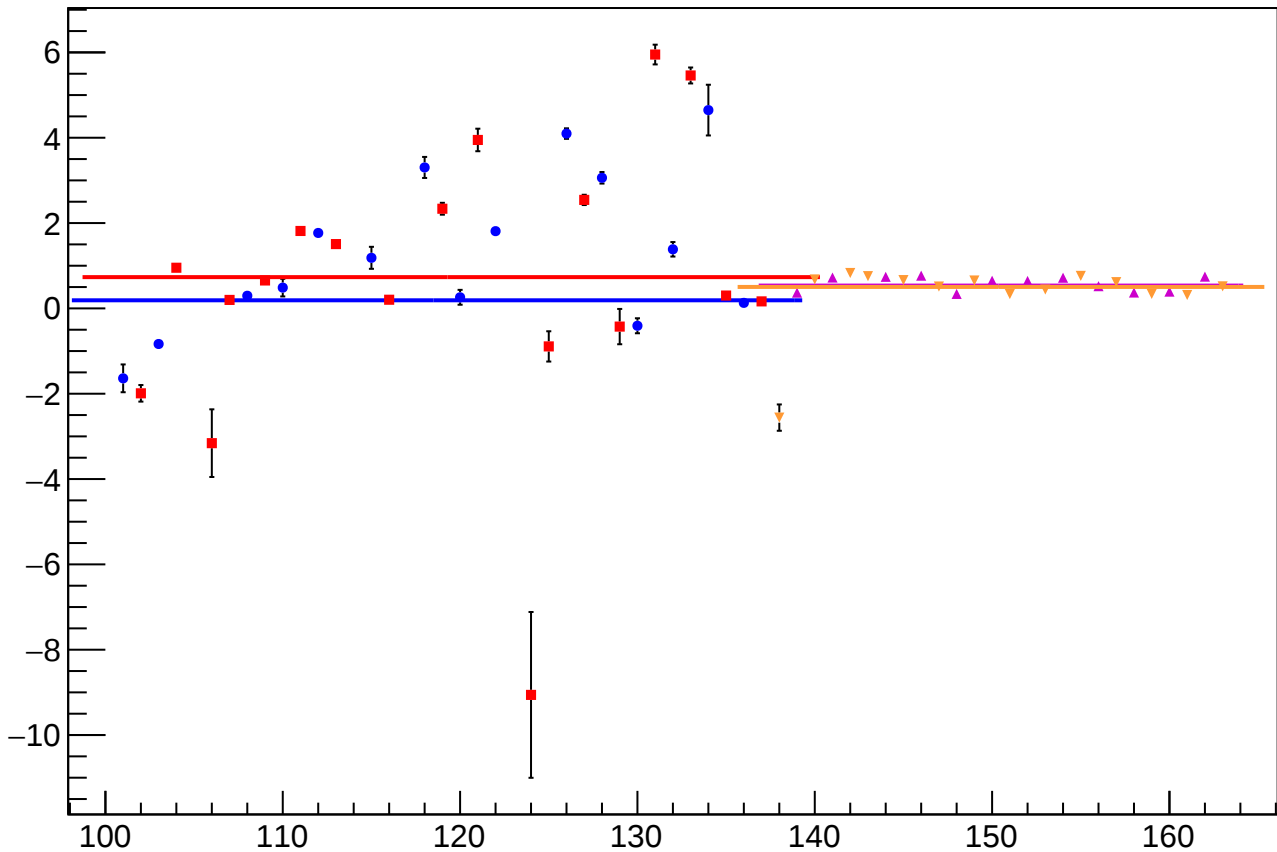
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.386 ± 0.078 $\chi^2/\text{NDF}: 350929.2/26$

Out: -179.622 ± 0.085 $\chi^2/\text{NDF}: 362417.4/31$

All: -176.791 ± 0.057 $\chi^2/\text{NDF}: 715412.9/58$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.503 ± 0.003 χ^2/NDF : 3340.9/13

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.535 ± 0.002 χ^2/NDF : 4031.9/11

Left: 0.522 ± 0.002 χ^2/NDF : 7439.8/25

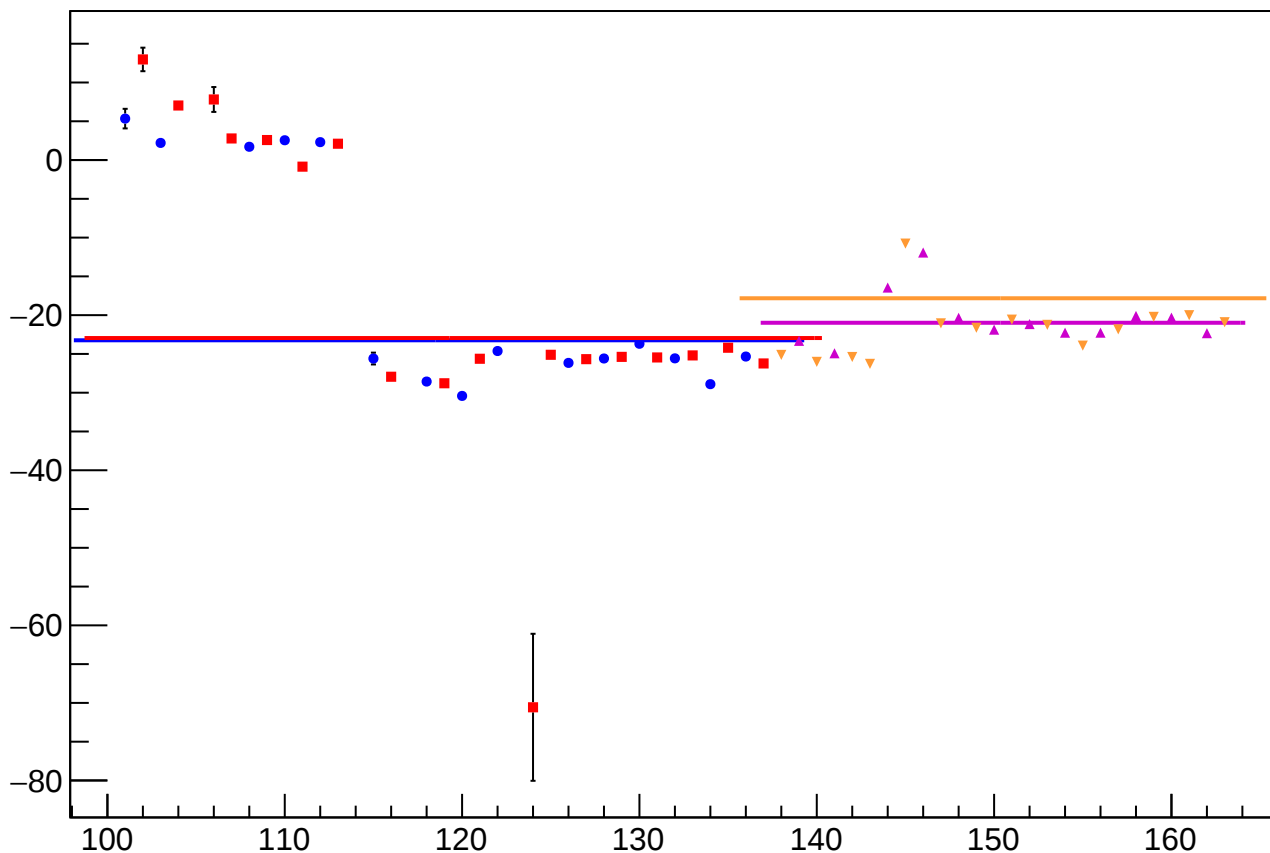
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.509 ± 0.002 χ^2/NDF : 8243.8/26

Out: 0.508 ± 0.003 χ^2/NDF : 6140.1/31

All: 0.509 ± 0.002 χ^2/NDF : 14383.9/58

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.822 ± 0.015 $\chi^2/\text{NDF}: 123746.2/13$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.982 ± 0.016 $\chi^2/\text{NDF}: 10240.8/11$

Left: -19.342 ± 0.011 $\chi^2/\text{NDF}: 154844.6/25$

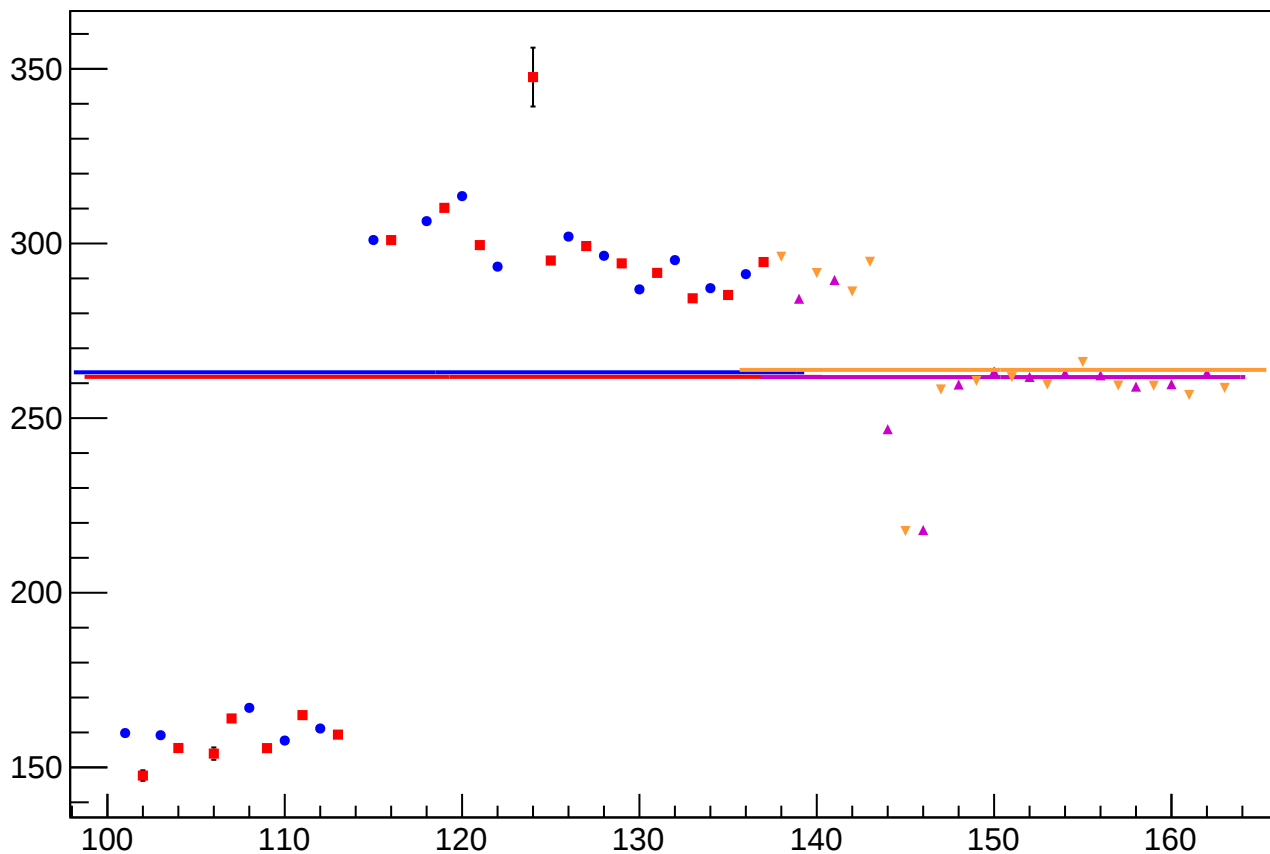
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.633 ± 0.013 $\chi^2/\text{NDF}: 119268.1/26$

Out: -19.228 ± 0.013 $\chi^2/\text{NDF}: 263101.4/31$

All: -20.397 ± 0.009 $\chi^2/\text{NDF}: 399182.2/58$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 263.812 $\pm$ 0.038 χ^2 /NDF: 194853.8/13

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.758 $\pm$ 0.033 χ^2 /NDF: 36473.2/11

Left: 262.645 $\pm$ 0.025 χ^2 /NDF: 232962.4/25

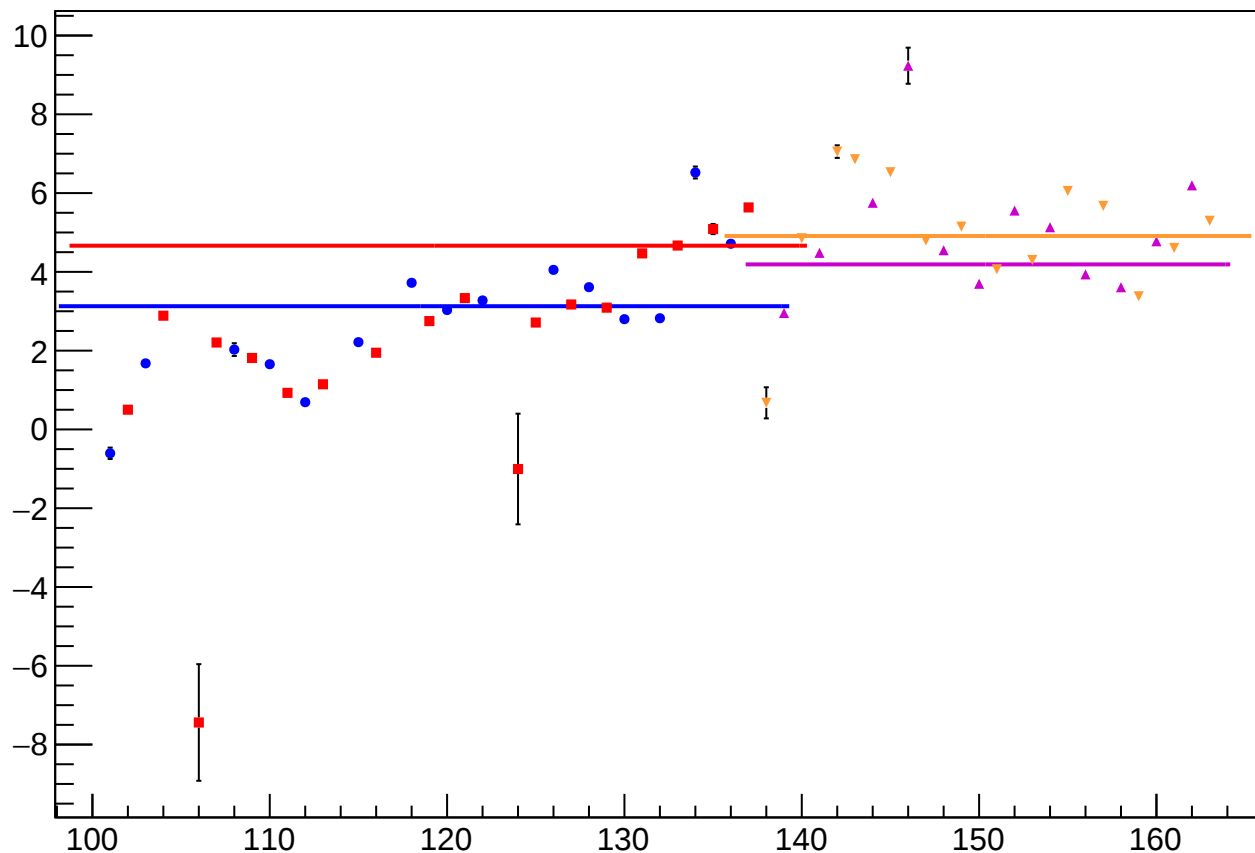
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.016 $\pm$ 0.030 χ^2 /NDF: 729674.0/26

Out: 263.240 $\pm$ 0.032 χ^2 /NDF: 1201823.0/31

All: 262.583 $\pm$ 0.022 χ^2 /NDF: 1932265.9/58

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.911 ± 0.016 $\chi^2/\text{NDF}: 2183.5/13$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.190 ± 0.016 $\chi^2/\text{NDF}: 3097.1/11$

Left: 4.536 ± 0.011 $\chi^2/\text{NDF}: 6279.1/25$

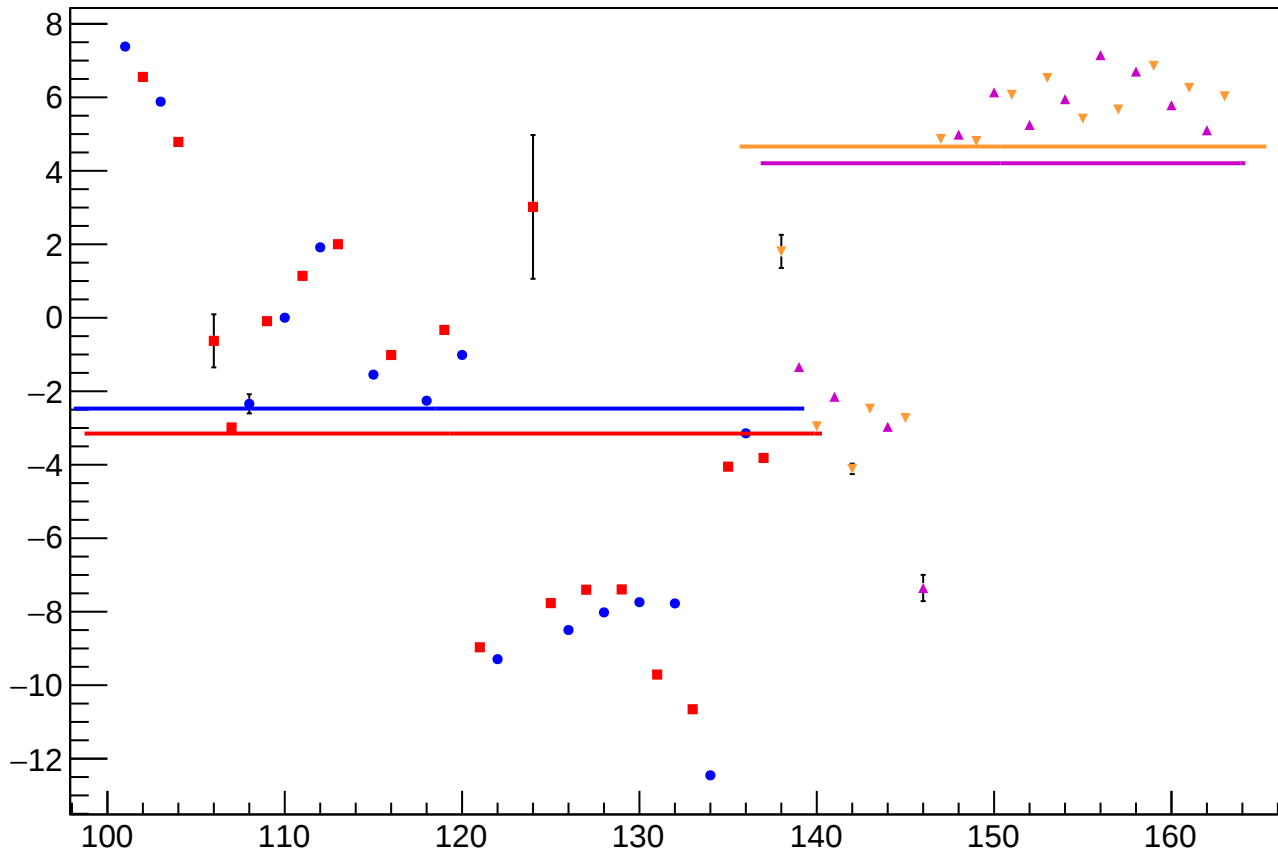
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.657 ± 0.011 $\chi^2/\text{NDF}: 11024.1/26$

Out: 4.696 ± 0.006 $\chi^2/\text{NDF}: 69241.7/31$

All: 4.468 ± 0.005 $\chi^2/\text{NDF}: 87029.5/58$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.661 ± 0.013 $\chi^2/\text{NDF}: 38757.8/13$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.206 ± 0.013 $\chi^2/\text{NDF}: 62464.6/11$

Left: 4.434 ± 0.010 $\chi^2/\text{NDF}: 101790.2/25$

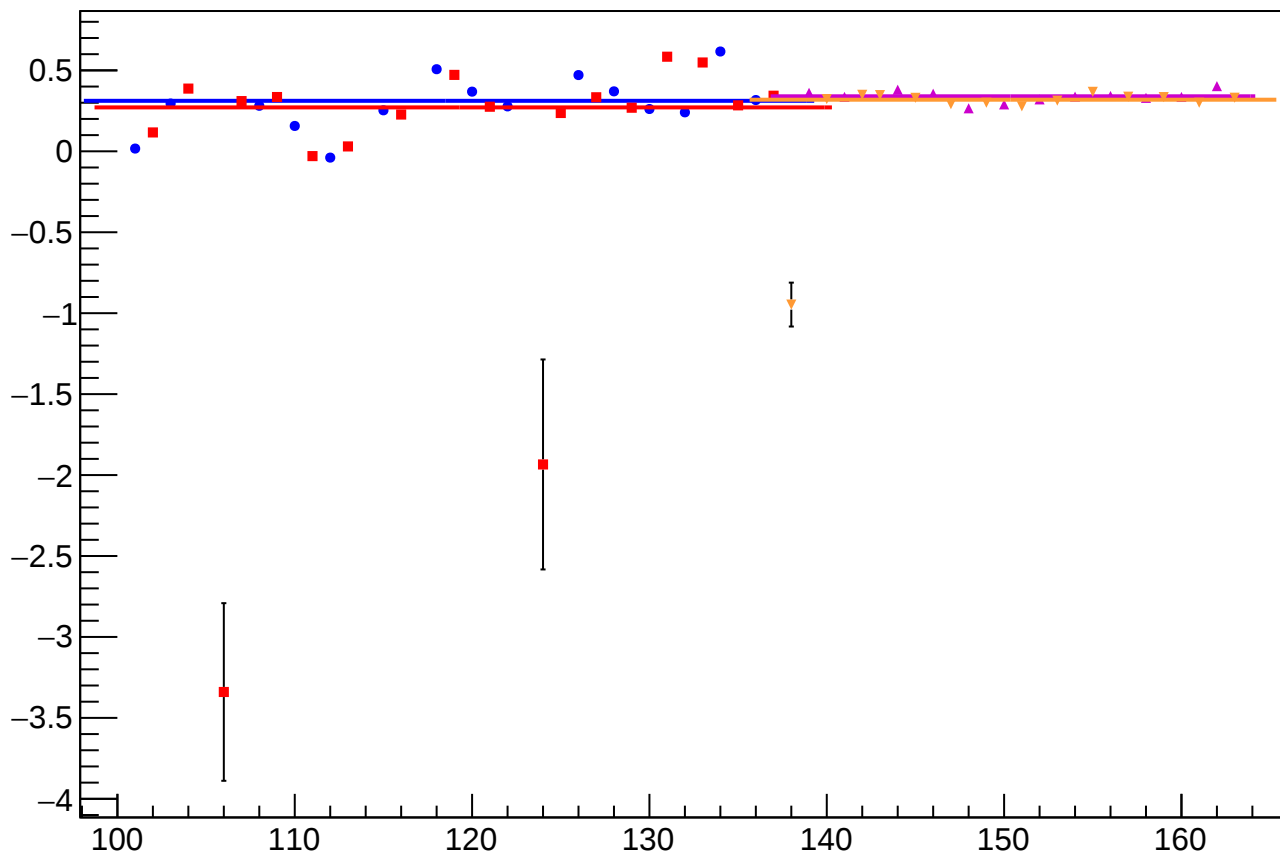
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.017 ± 0.010 $\chi^2/\text{NDF}: 422118.9/26$

Out: -1.331 ± 0.007 $\chi^2/\text{NDF}: 543493.9/31$

All: -0.607 ± 0.005 $\chi^2/\text{NDF}: 1005747.6/58$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 1316.0/13$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2765.0/11$

Left: 0.329 ± 0.000 $\chi^2/\text{NDF}: 4561.9/25$

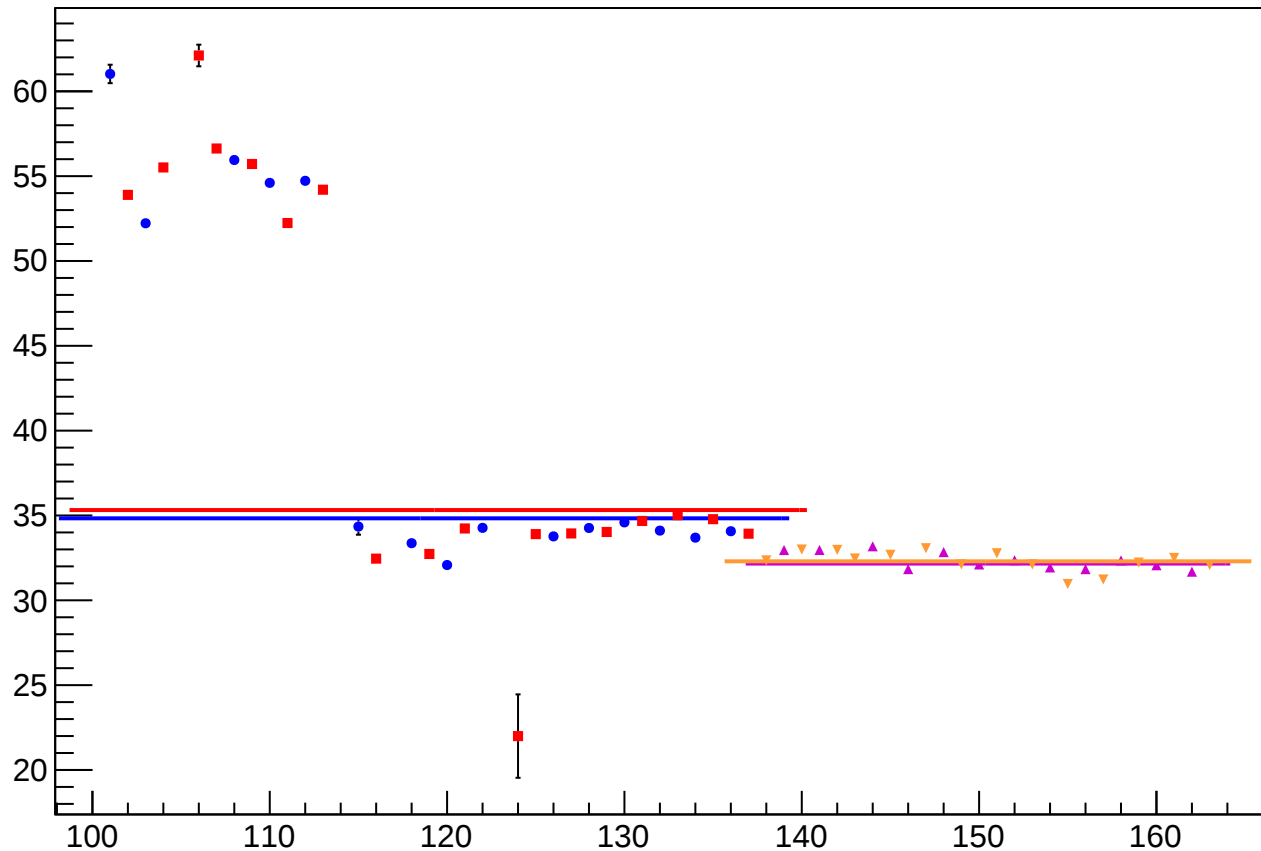
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 4455.3/26$

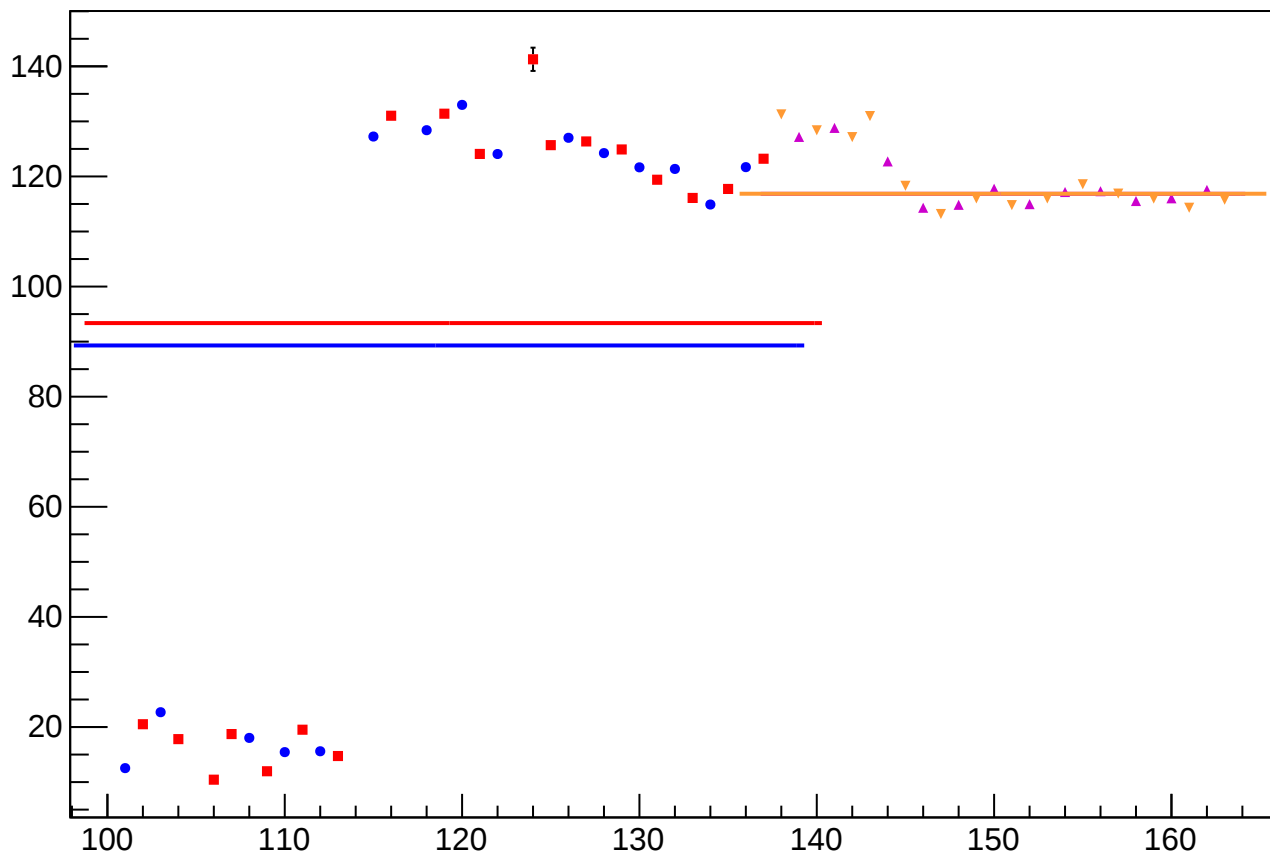
Out: 0.314 ± 0.001 $\chi^2/\text{NDF}: 7920.5/31$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12859.8/58$

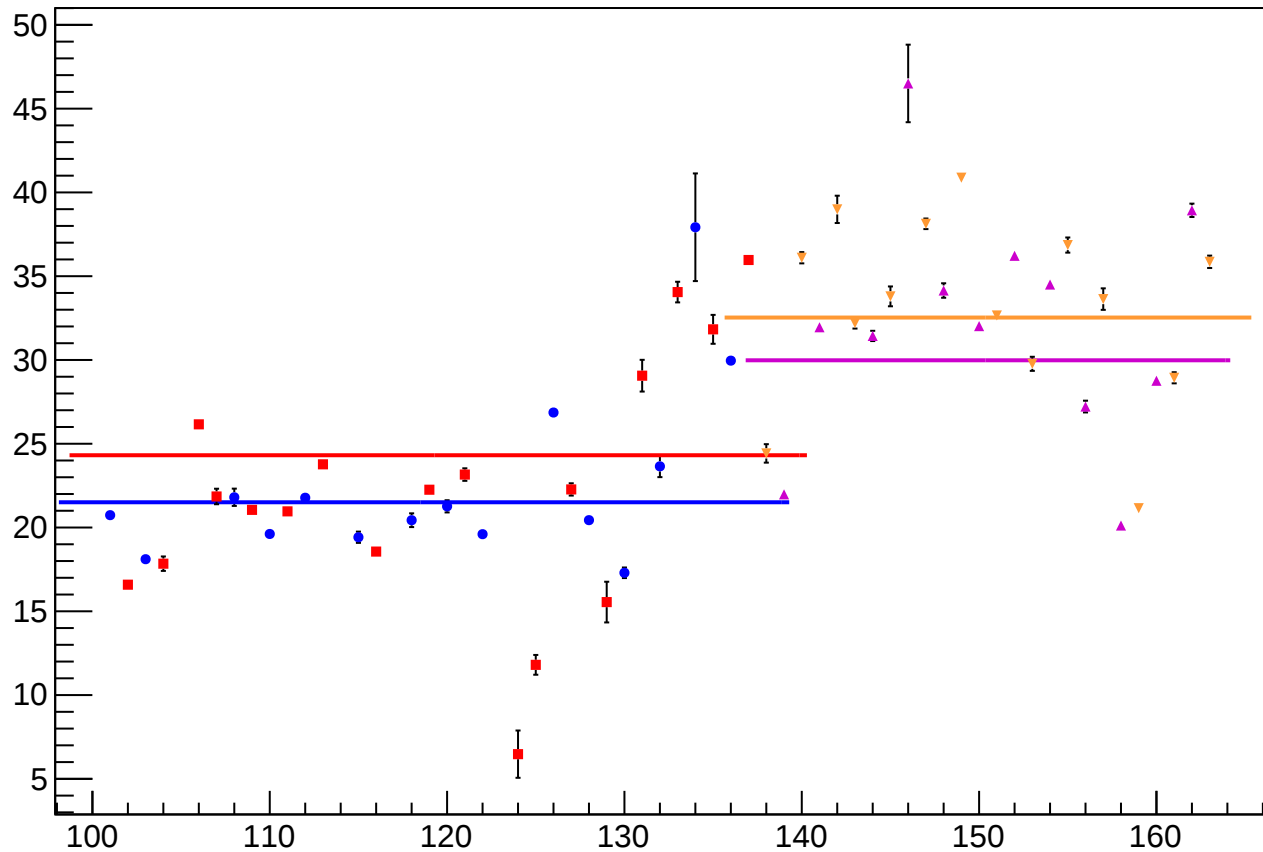
dit_sam5_4aY_slope vs Slug, Sign Corrected



dit_sam5_4eY_slope vs Slug, Sign Corrected



dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.532 ± 0.097 $\chi^2/\text{NDF}: 3745.3/13$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.981 ± 0.080 $\chi^2/\text{NDF}: 4583.3/11$

Left: 31.013 ± 0.061 $\chi^2/\text{NDF}: 8743.3/25$

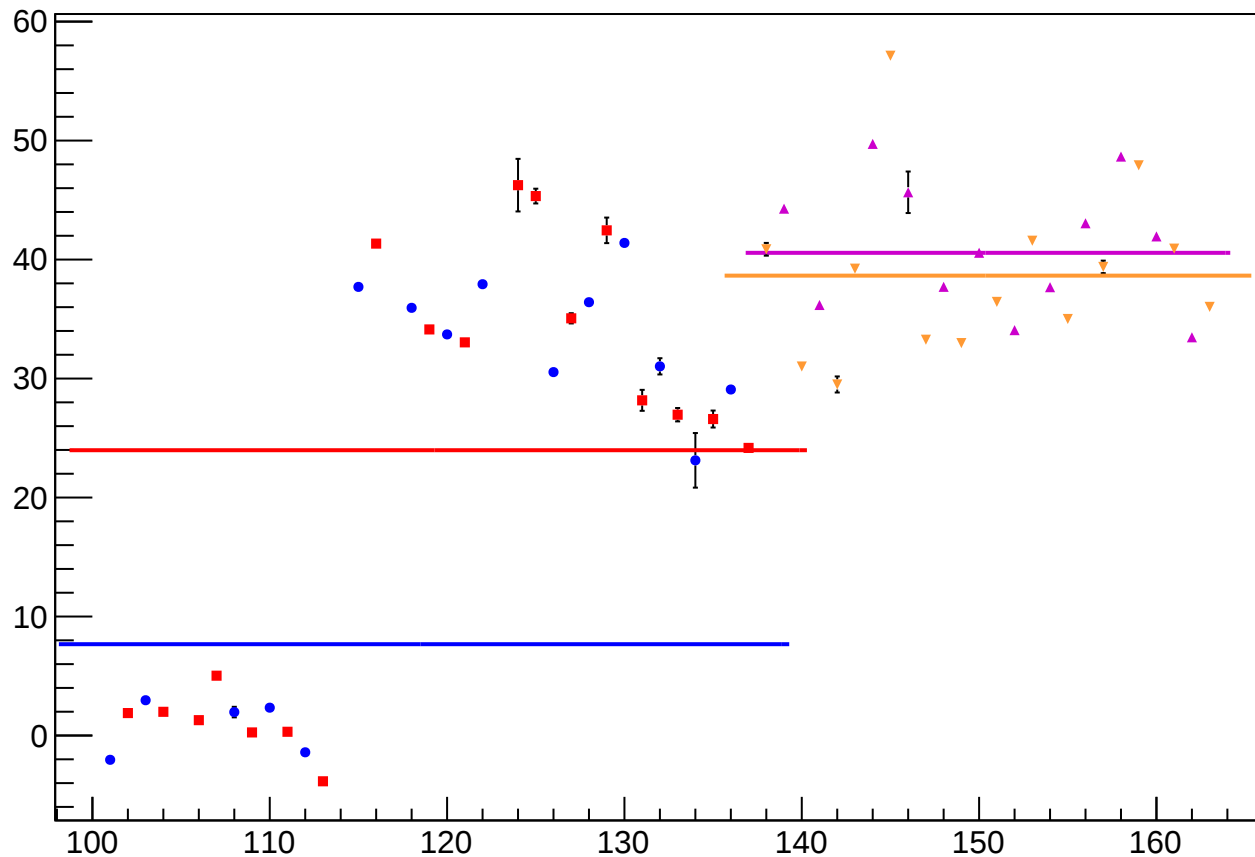
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.335 ± 0.054 $\chi^2/\text{NDF}: 13748.0/26$

Out: 26.515 ± 0.050 $\chi^2/\text{NDF}: 23330.7/31$

All: 25.965 ± 0.037 $\chi^2/\text{NDF}: 37337.8/58$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.650 ± 0.079 χ^2/NDF : 6272.3/13

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.566 ± 0.065 χ^2/NDF : 4107.1/11

Left: 39.789 ± 0.050 χ^2/NDF : 10726.6/25

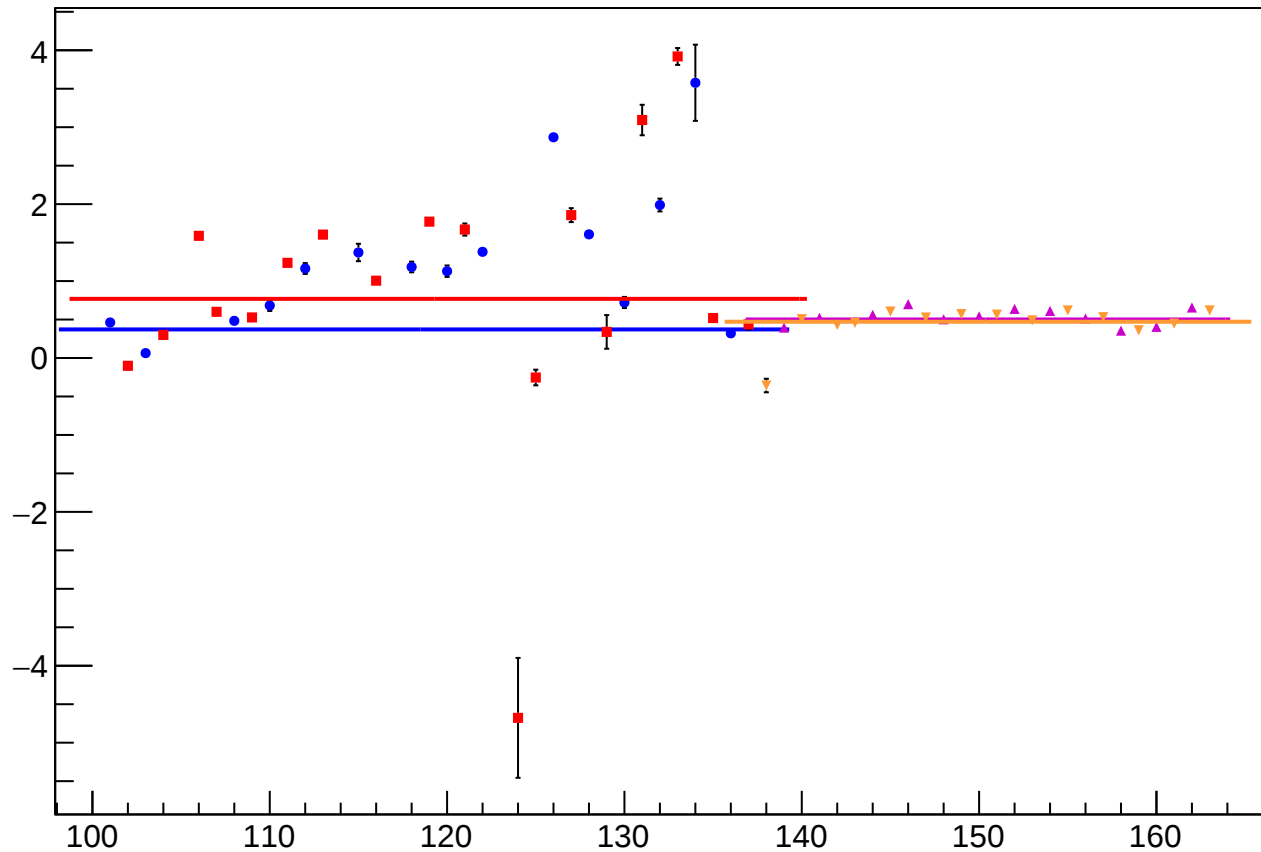
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 18.297 ± 0.037 χ^2/NDF : 271289.1/26

Out: 24.132 ± 0.008 χ^2/NDF : 150713.2/31

All: 23.866 ± 0.008 χ^2/NDF : 445455.1/58

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.471 ± 0.001 $\chi^2/\text{NDF}: 5357.7/13$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.501 ± 0.001 $\chi^2/\text{NDF}: 8500.2/11$

Left: 0.487 ± 0.001 $\chi^2/\text{NDF}: 14144.7/25$

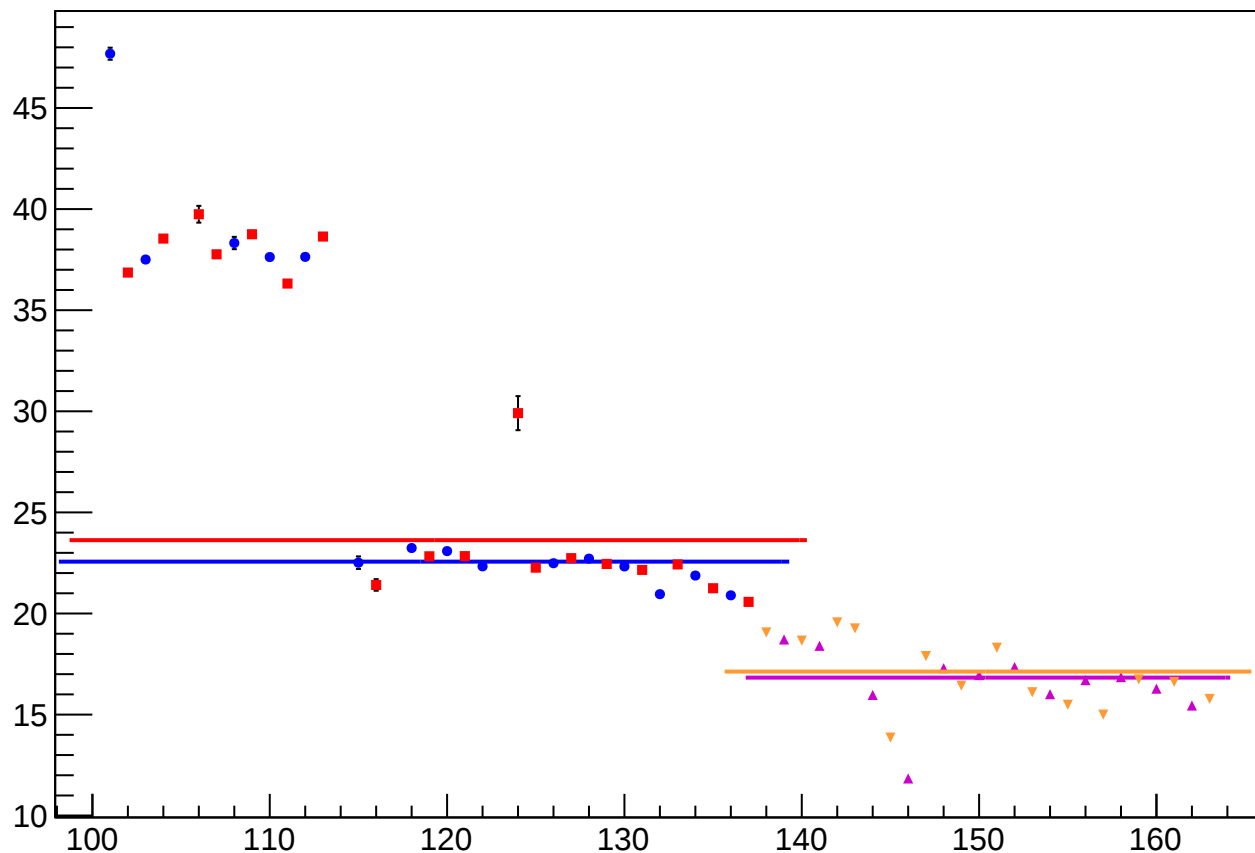
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.492 ± 0.001 $\chi^2/\text{NDF}: 14068.3/26$

Out: 0.481 ± 0.001 $\chi^2/\text{NDF}: 11274.6/31$

All: 0.487 ± 0.001 $\chi^2/\text{NDF}: 25383.1/58$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2/NDF : 92859.1/14

Left Out: 17.128 $\pm$ 0.007 χ^2/NDF : 46883.0/13

Right Out: 23.627 $\pm$ 0.011 χ^2/NDF : 123194.1/17

Left In: 16.829 $\pm$ 0.008 χ^2/NDF : 14545.0/11

Left: 16.995 $\pm$ 0.005 χ^2/NDF : 62201.6/25

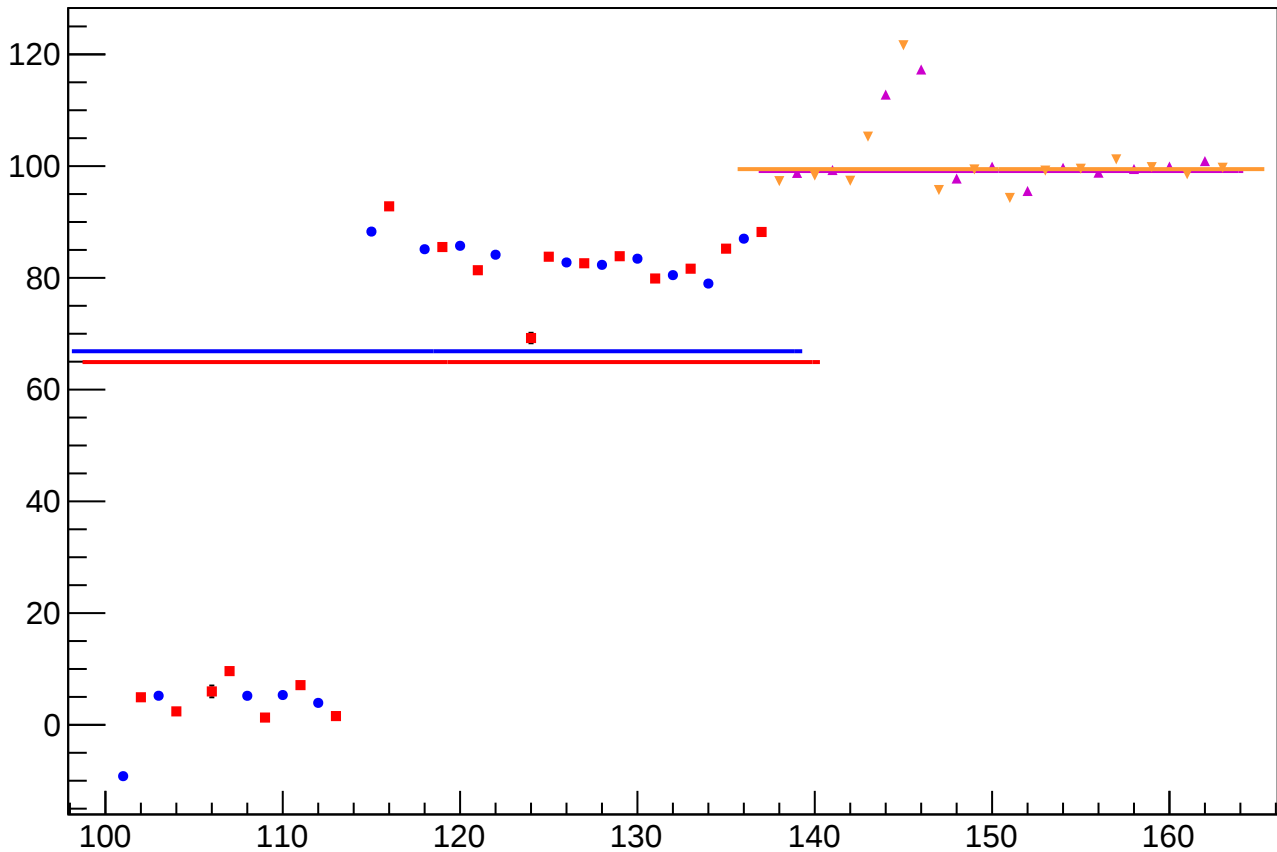
Right: 23.044 $\pm$ 0.008 χ^2/NDF : 220970.6/32

In: 19.023 $\pm$ 0.006 χ^2/NDF : 303674.2/26

Out: 19.016 $\pm$ 0.006 χ^2/NDF : 408045.5/31

All: 19.019 $\pm$ 0.004 χ^2/NDF : 711720.4/58

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.462 $\pm$ 0.014 χ^2 /NDF: 69219.7/13

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.120 $\pm$ 0.014 χ^2 /NDF: 16391.7/11

Left: 99.292 $\pm$ 0.010 χ^2 /NDF: 85929.6/25

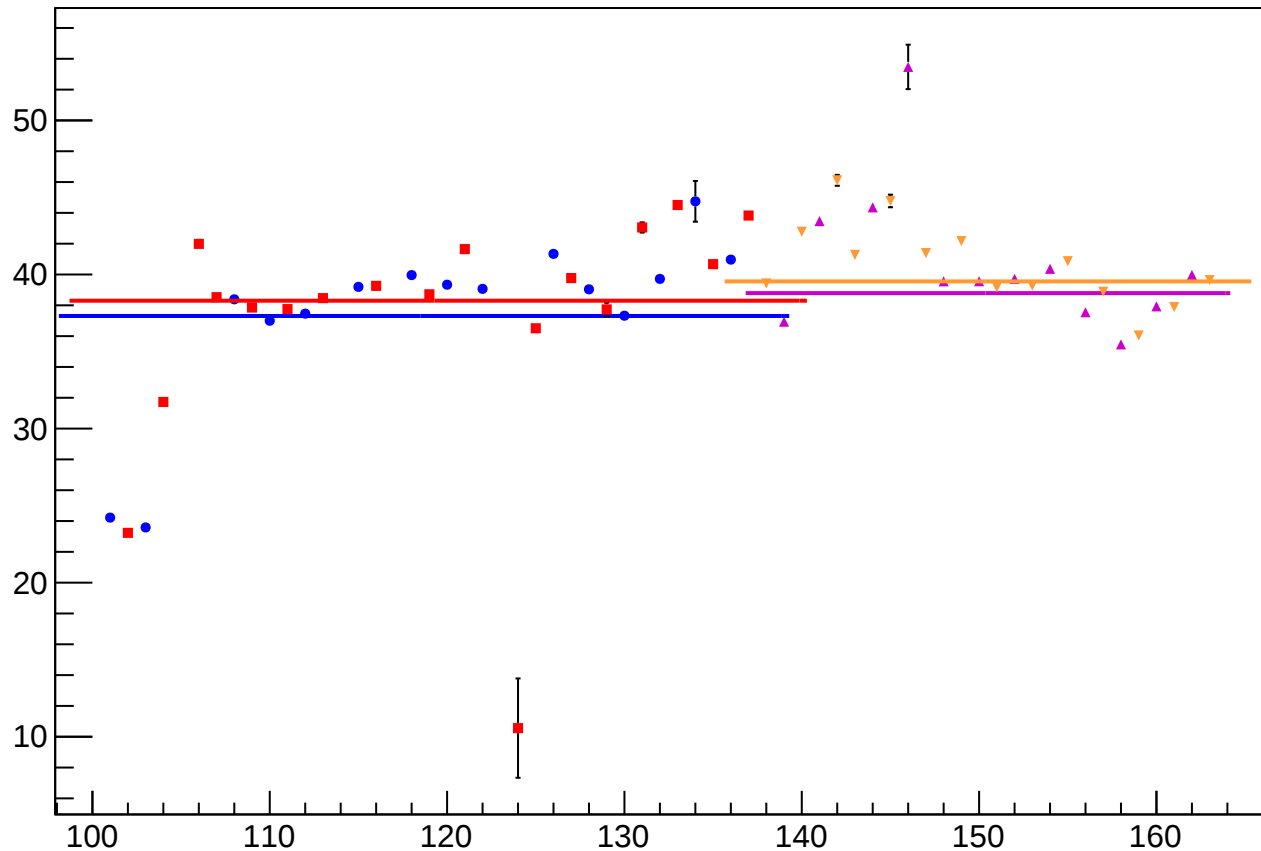
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.620 $\pm$ 0.012 χ^2 /NDF: 2644989.3/26

Out: 93.540 $\pm$ 0.012 χ^2 /NDF: 2521803.6/31

All: 93.074 $\pm$ 0.009 χ^2 /NDF: 5169621.4/58

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.552 ± 0.037 $\chi^2/\text{NDF}: 3876.5/13$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.793 ± 0.029 $\chi^2/\text{NDF}: 5329.5/11$

Left: 39.080 ± 0.023 $\chi^2/\text{NDF}: 9472.2/25$

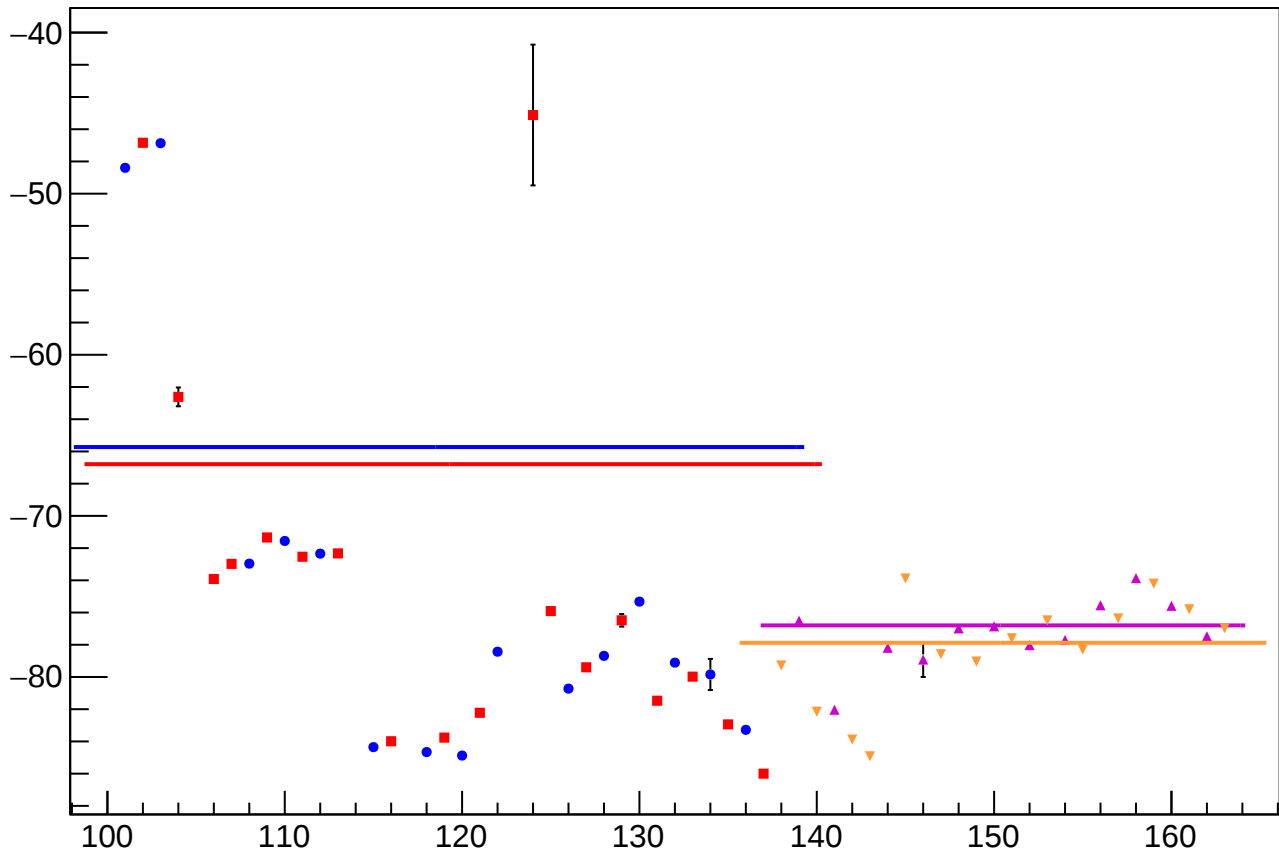
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.893 ± 0.018 $\chi^2/\text{NDF}: 66539.4/26$

Out: 38.598 ± 0.018 $\chi^2/\text{NDF}: 23603.0/31$

All: 38.246 ± 0.013 $\chi^2/\text{NDF}: 90914.7/58$

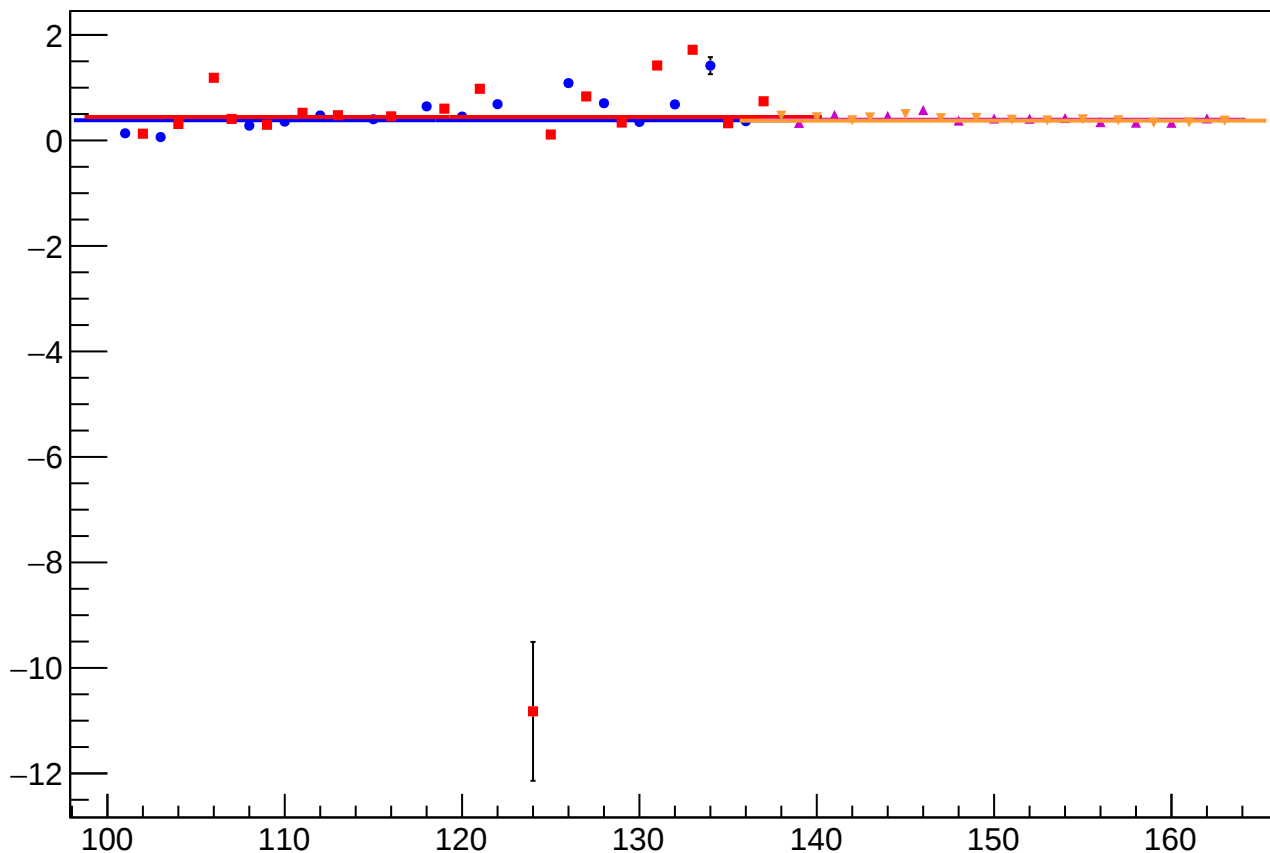
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -77.878 ± 0.031 $\chi^2/\text{NDF}: 11249.0/13$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.798 ± 0.023 $\chi^2/\text{NDF}: 4753.0/11$

Left: -77.187 ± 0.018 $\chi^2/\text{NDF}: 16801.8/25$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.618 ± 0.014 $\chi^2/\text{NDF}: 1059509.8/26$
 Out: -69.130 ± 0.014 $\chi^2/\text{NDF}: 924565.2/31$
 All: -69.382 ± 0.010 $\chi^2/\text{NDF}: 1984699.0/58$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5351.4/13

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.392 $\pm$ 0.001 χ^2 /NDF: 6300.8/11

Left: 0.384 $\pm$ 0.000 χ^2 /NDF: 12132.5/25

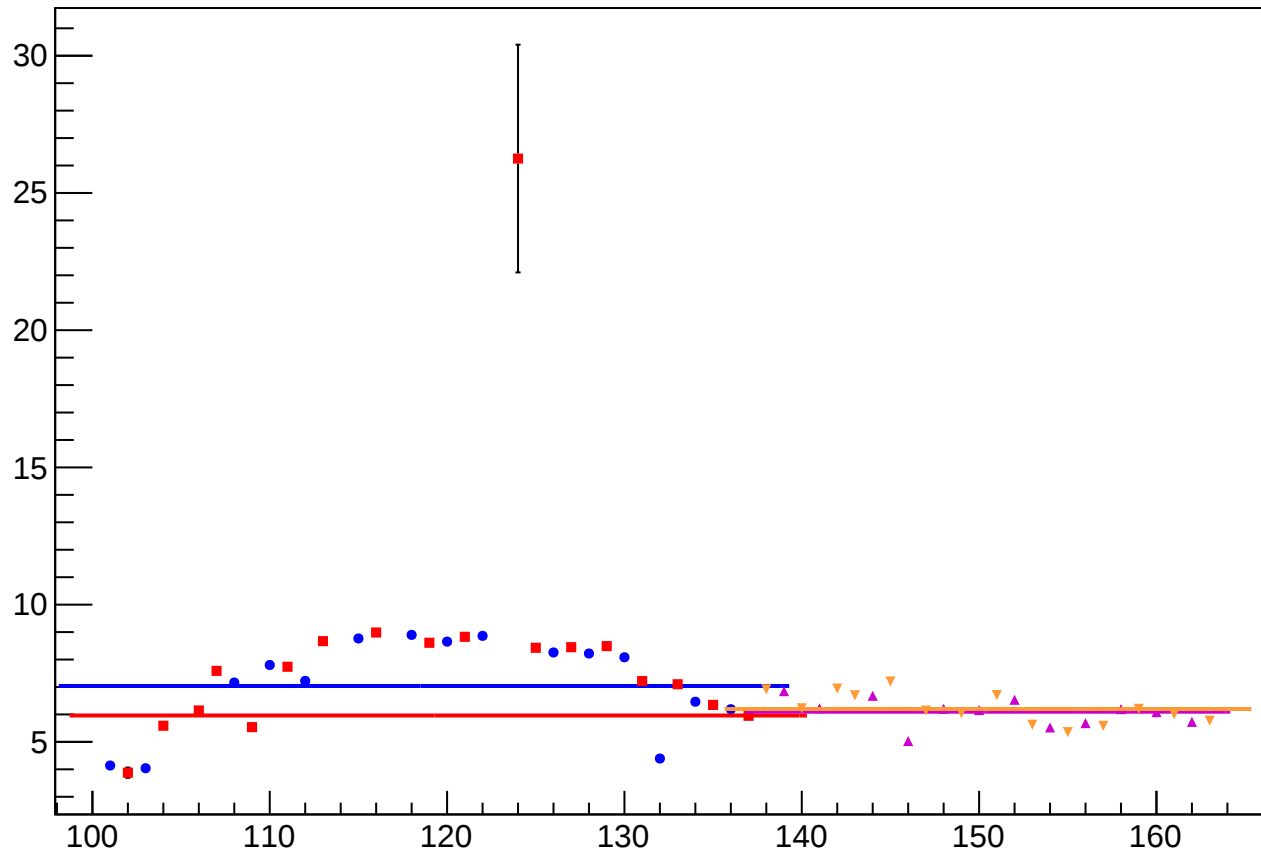
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14498.8/26

Out: 0.377 $\pm$ 0.001 χ^2 /NDF: 8484.6/31

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23359.0/58

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.198 $\pm$ 0.002 χ^2/NDF : 26960.2/13

Right Out: 5.962 $\pm$ 0.000 χ^2/NDF : 168372.8/17

Left In: 6.100 $\pm$ 0.002 χ^2/NDF : 28749.6/11

Left: 6.142 $\pm$ 0.001 χ^2/NDF : 57150.6/25

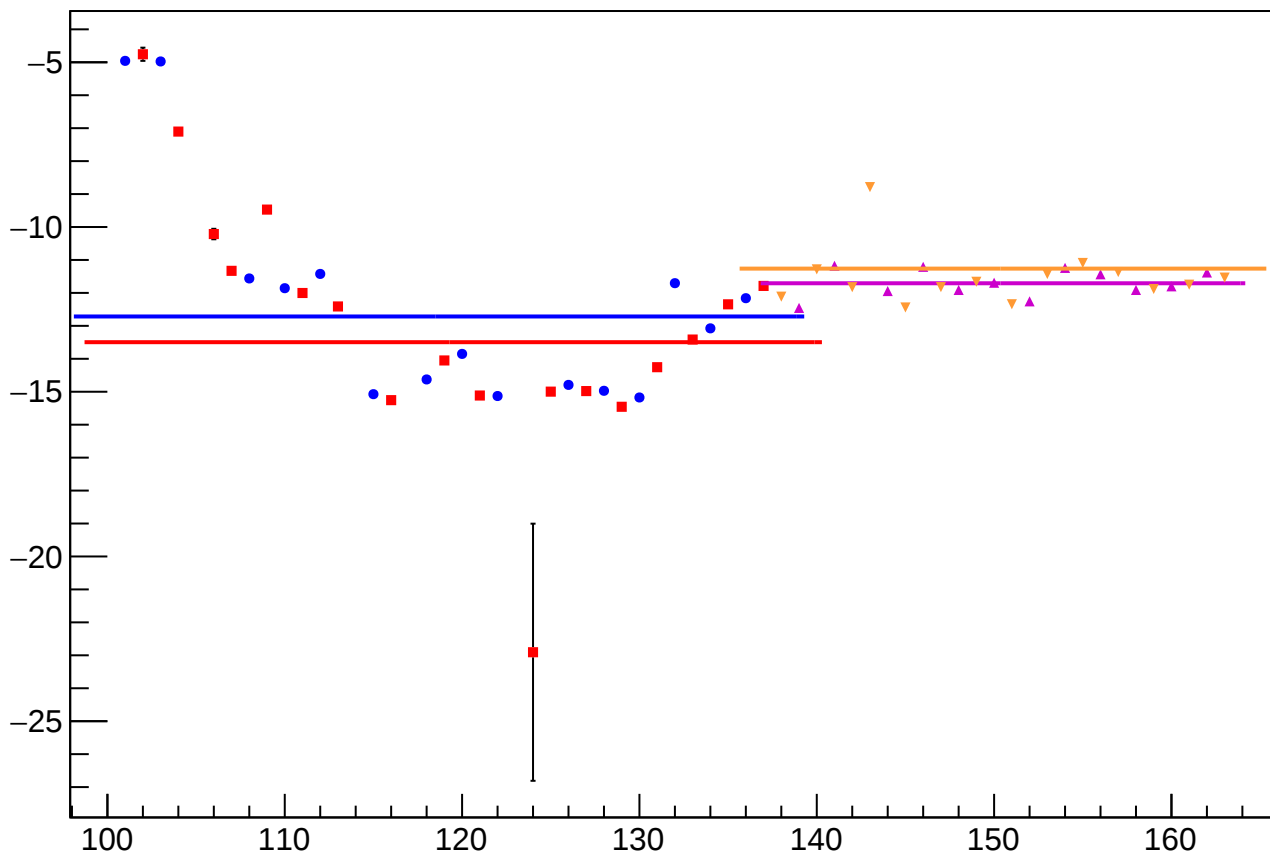
Right: 5.970 $\pm$ 0.000 χ^2/NDF : 294275.6/32

In: 6.215 $\pm$ 0.002 χ^2/NDF : 136250.7/26

Out: 5.972 $\pm$ 0.000 χ^2/NDF : 209385.6/31

All: 5.986 $\pm$ 0.000 χ^2/NDF : 367736.9/58

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.263 $\pm$ 0.003 χ^2 /NDF: 196848.5/13

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.707 $\pm$ 0.002 χ^2 /NDF: 13038.9/11

Left: -11.499 $\pm$ 0.002 χ^2 /NDF: 226411.9/25

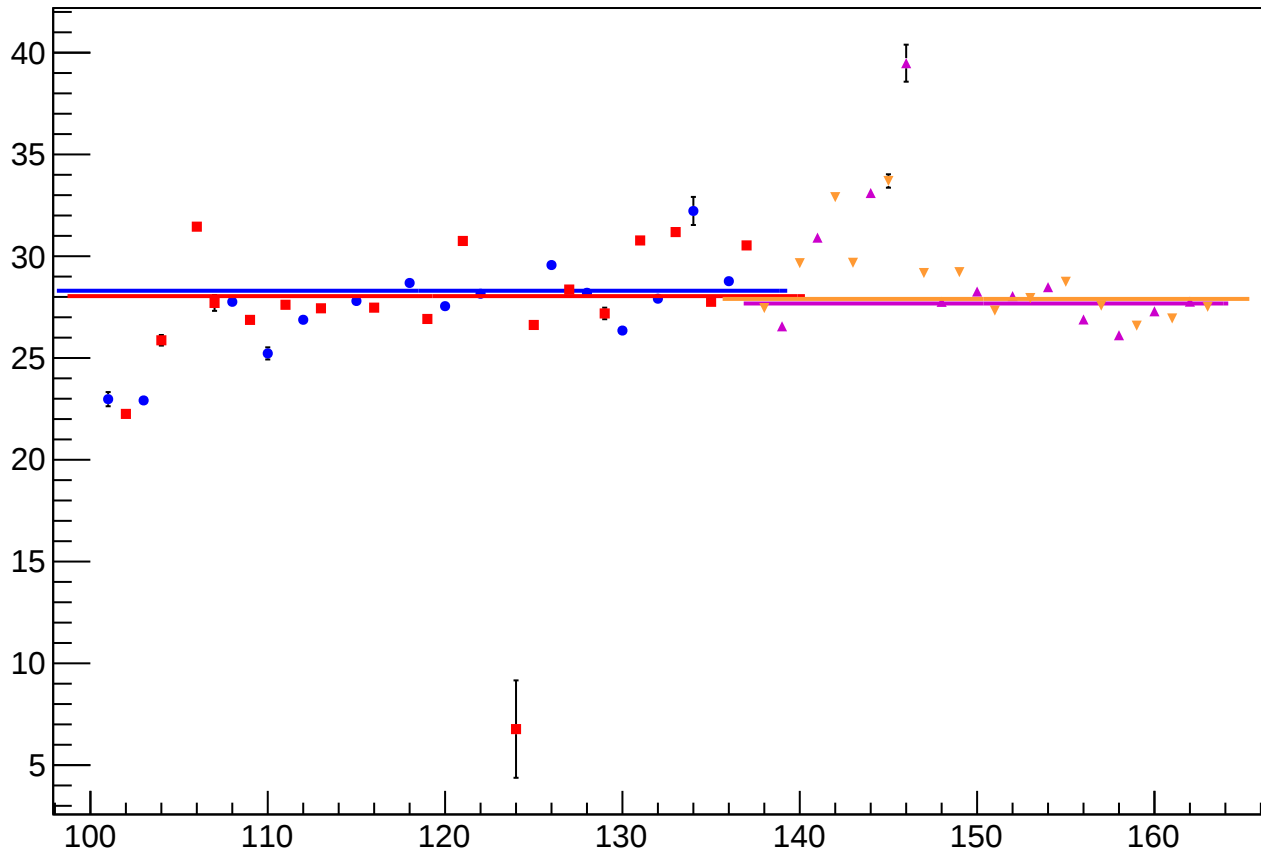
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.830 $\pm$ 0.002 χ^2 /NDF: 120208.8/26

Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 376880.1/31

All: -11.727 $\pm$ 0.002 χ^2 /NDF: 501501.7/58

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.903 ± 0.021 $\chi^2/\text{NDF}: 3551.5/13$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.678 ± 0.017 $\chi^2/\text{NDF}: 4533.3/11$

Left: 27.767 ± 0.013 $\chi^2/\text{NDF}: 8152.7/25$

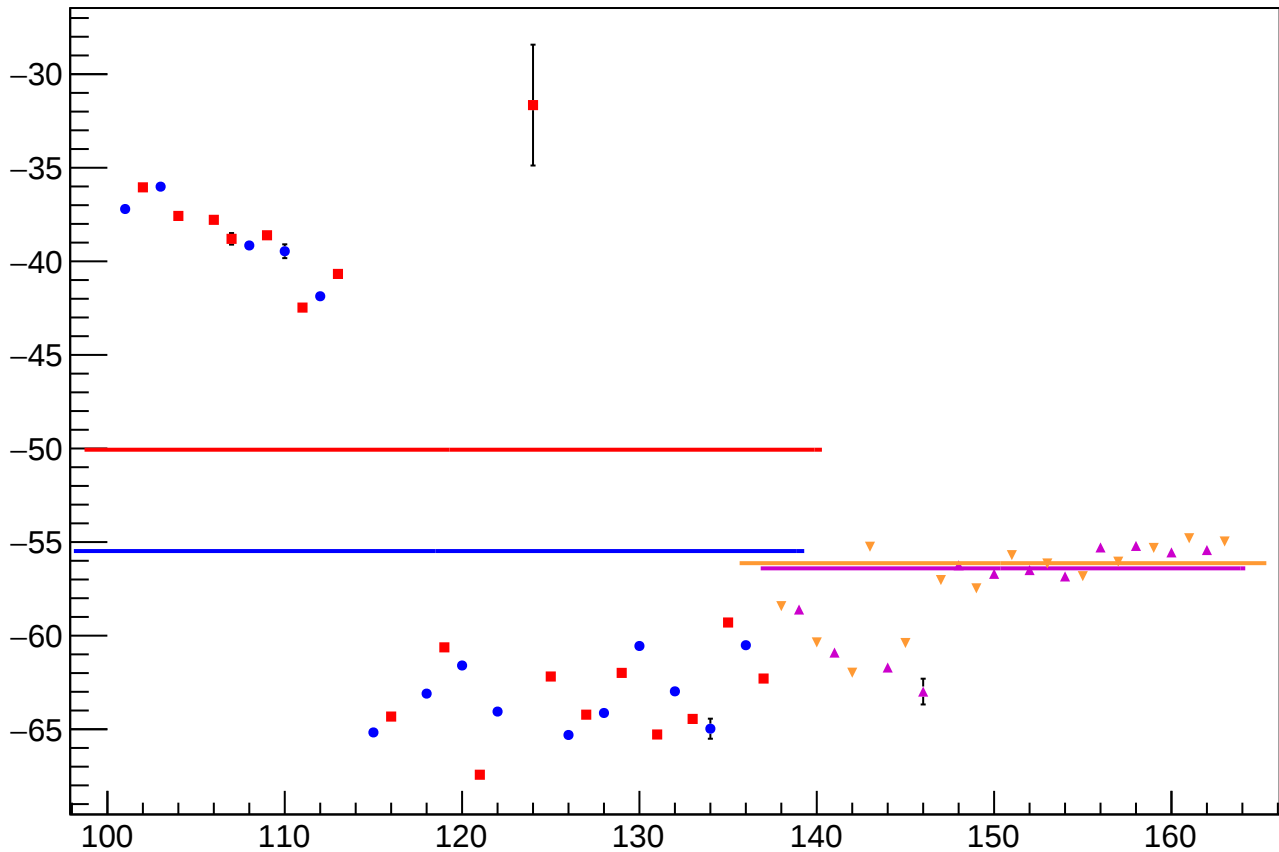
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.900 ± 0.014 $\chi^2/\text{NDF}: 8407.5/26$

Out: 27.948 ± 0.017 $\chi^2/\text{NDF}: 6126.7/31$

All: 27.919 ± 0.011 $\chi^2/\text{NDF}: 14538.8/58$

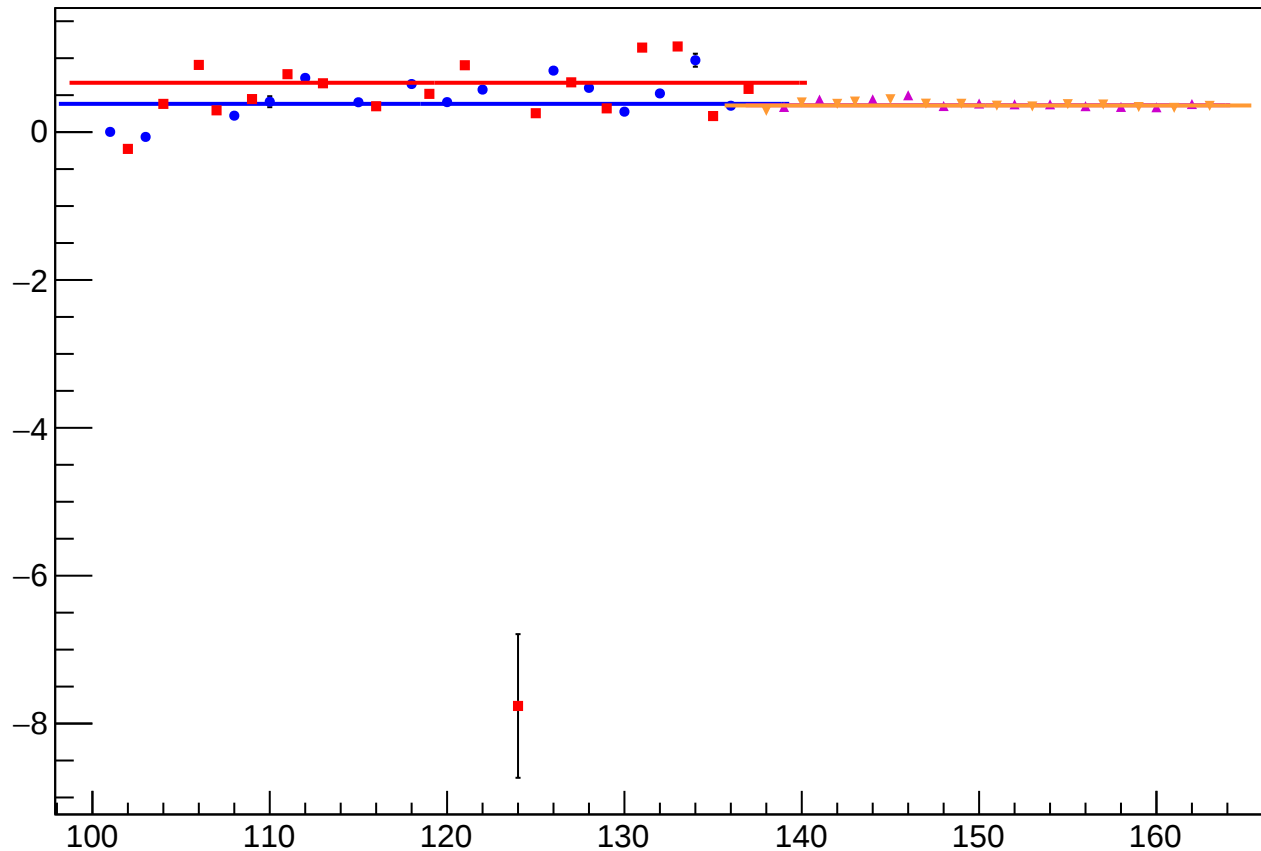
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480+/-0.017 χ^2/NDF : 595140.3/14
 Left Out: -56.127+/-0.018 χ^2/NDF : 6577.3/13
 Right Out: -50.065+/-0.023 χ^2/NDF : 340098.3/17
 Left In: -56.405+/-0.014 χ^2/NDF : 8058.4/11

Left: -56.296+/-0.011 χ^2/NDF : 14780.6/25
 Right: -53.644+/-0.013 χ^2/NDF : 971470.1/32
 In: -56.006+/-0.011 χ^2/NDF : 604971.4/26
 Out: -53.844+/-0.014 χ^2/NDF : 389514.8/31
 All: -55.206+/-0.009 χ^2/NDF : 1009092.9/58

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.360 $\pm$ 0.000 χ^2 /NDF:3859.3/13

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.364 $\pm$ 0.000 χ^2 /NDF:4926.9/11

Left: 0.362 $\pm$ 0.000 χ^2 /NDF: 8827.8/25

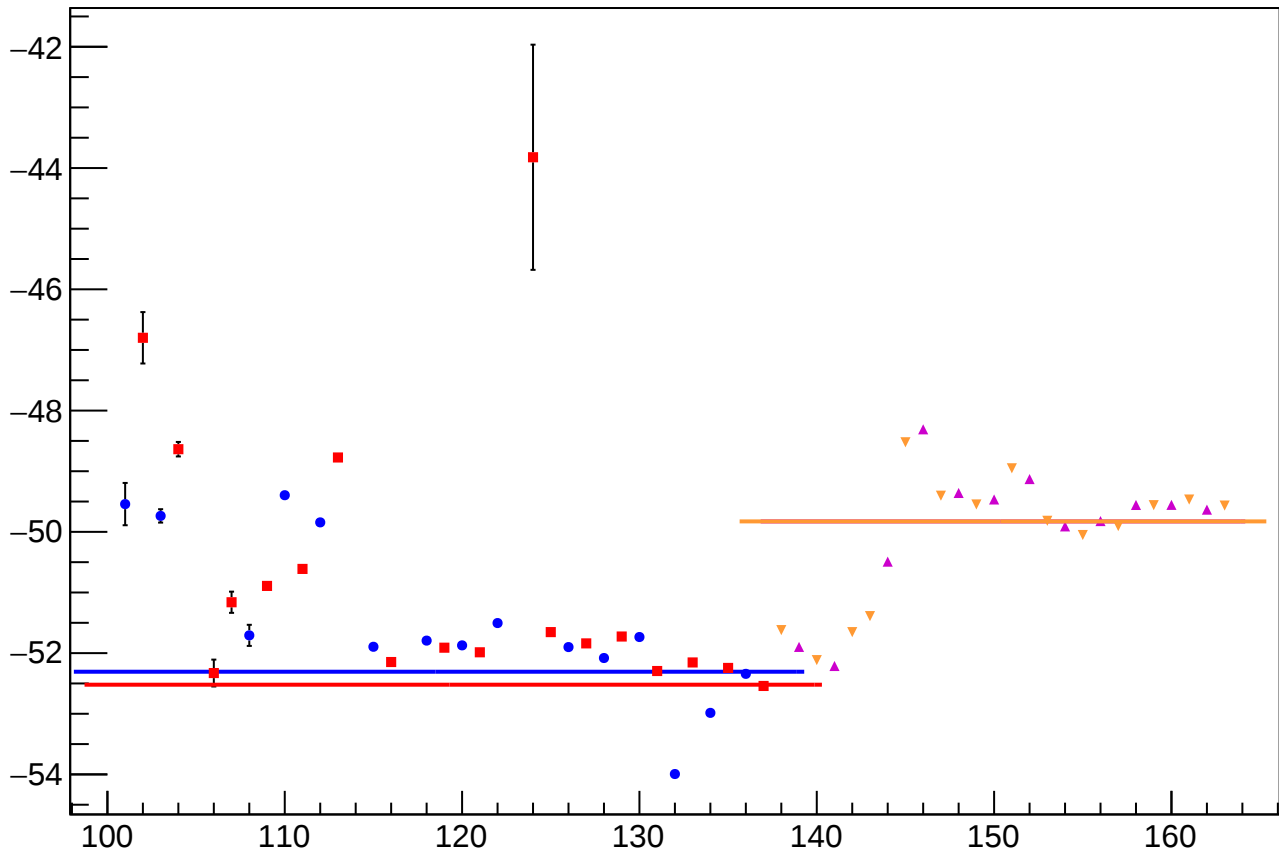
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.365 $\pm$ 0.000 χ^2 /NDF:9647.6/26

Out: 0.363 $\pm$ 0.000 χ^2 /NDF:11979.1/31

All: 0.364 $\pm$ 0.000 χ^2 /NDF: 21640.7/58

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.827 $\pm$ 0.002 χ^2 /NDF:167658.1/13

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.828 $\pm$ 0.002 χ^2 /NDF:233165.4/11

Left: -49.828 $\pm$ 0.001 χ^2 /NDF: 400823.5/25

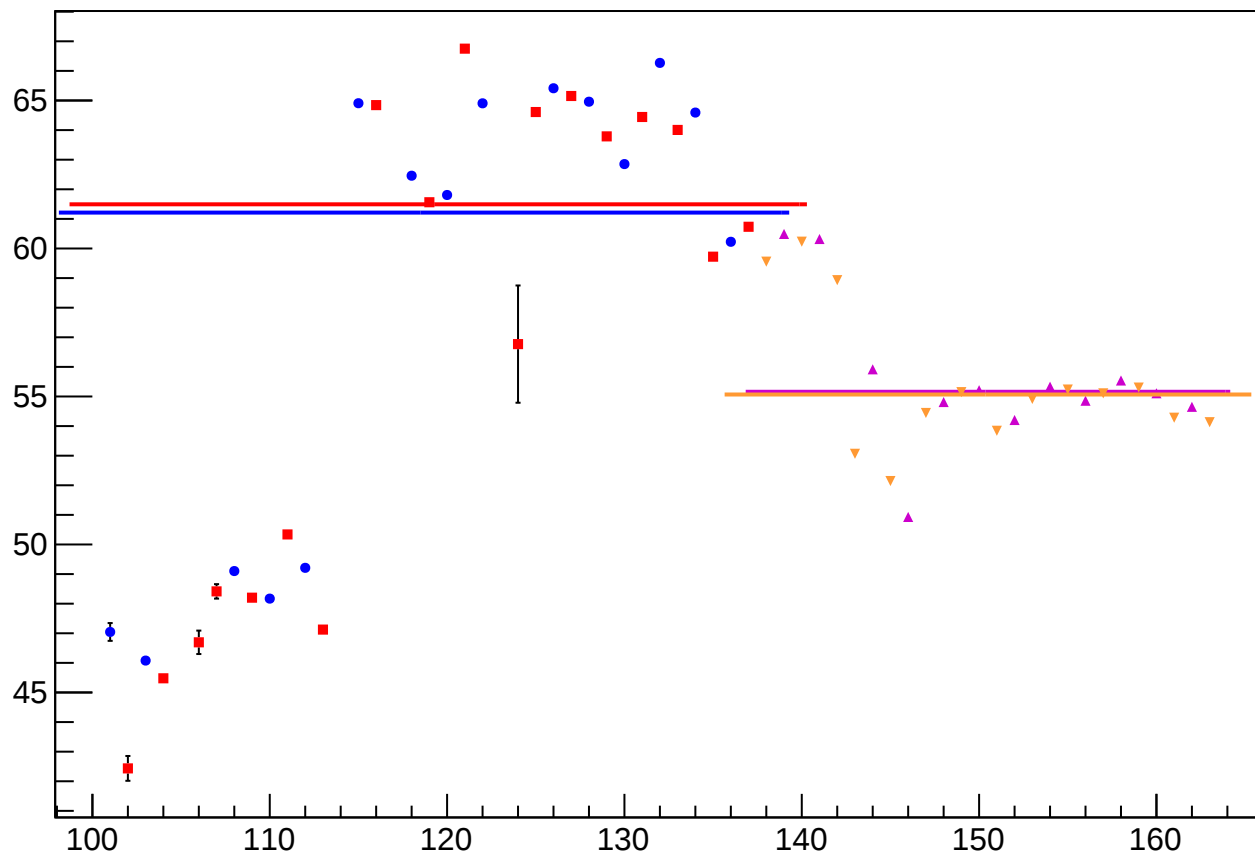
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.192 $\pm$ 0.001 χ^2 /NDF:606673.4/26

Out: -51.725 $\pm$ 0.001 χ^2 /NDF:1942884.6/31

All: -51.297 $\pm$ 0.001 χ^2 /NDF: 3316115.9/58

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.067 $\pm$ 0.004 χ^2/NDF : 203600.0/13

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.159 $\pm$ 0.003 χ^2/NDF : 61985.5/11

Left: 55.120 $\pm$ 0.002 χ^2/NDF : 265968.8/25

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.685 $\pm$ 0.003 χ^2/NDF : 558159.1/26

Out: 56.480 $\pm$ 0.003 χ^2/NDF : 1161025.1/31

All: 56.054 $\pm$ 0.002 χ^2/NDF : 1753358.3/58

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

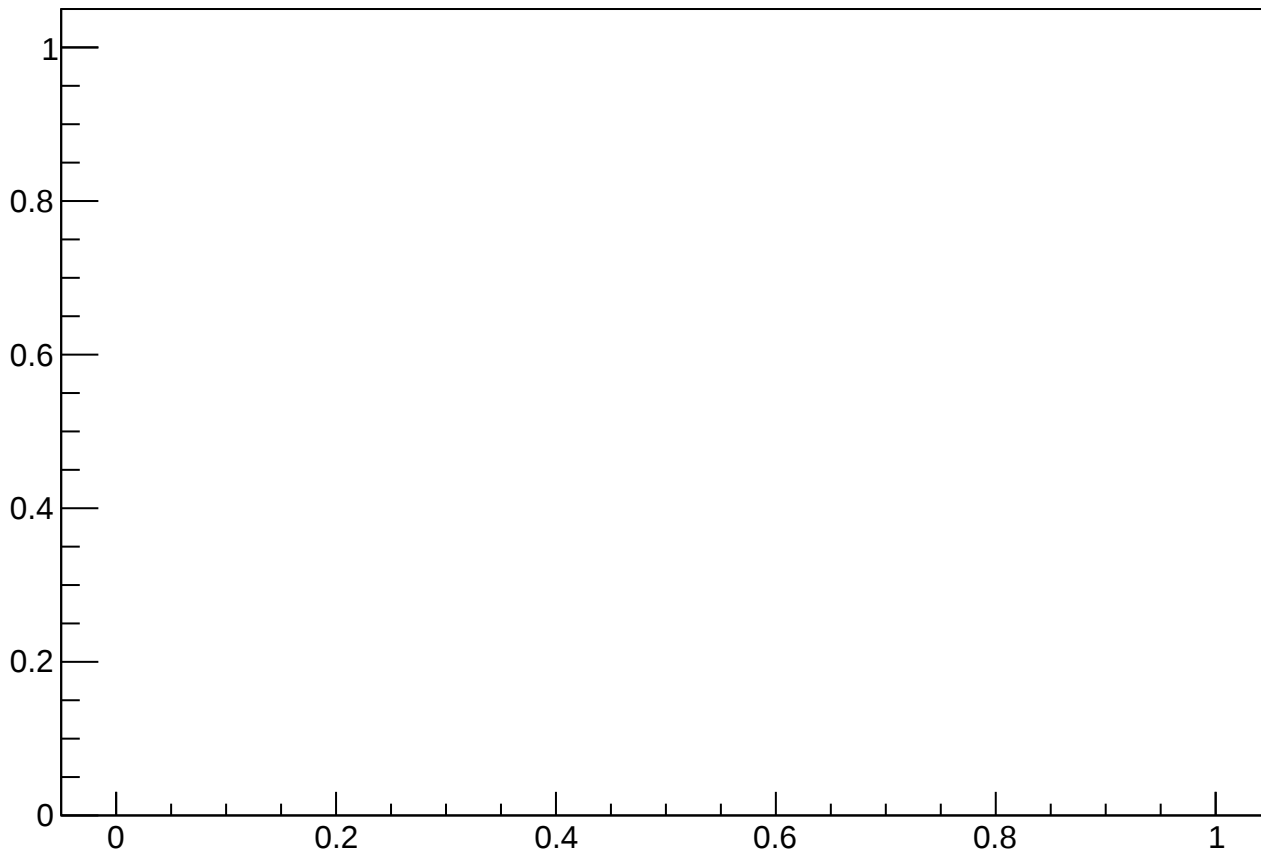
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

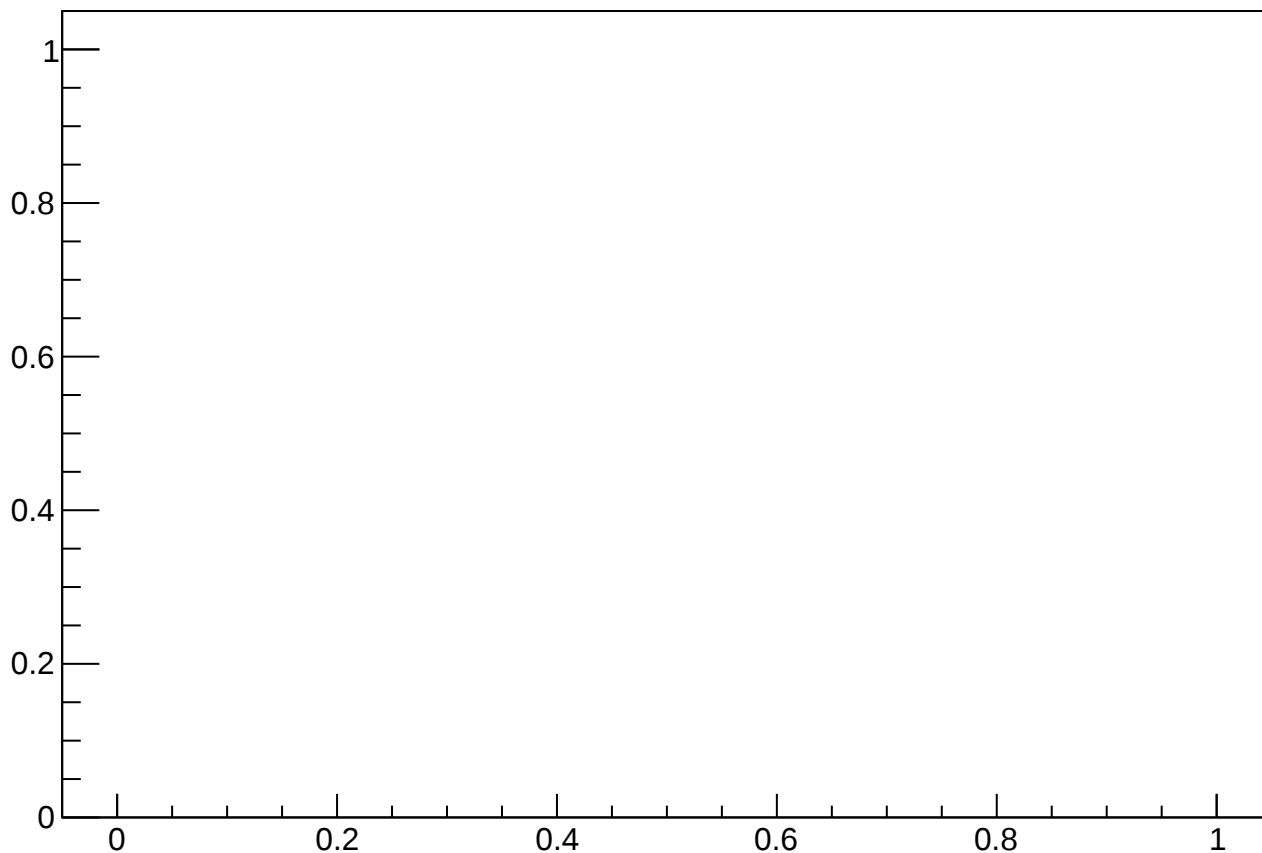
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

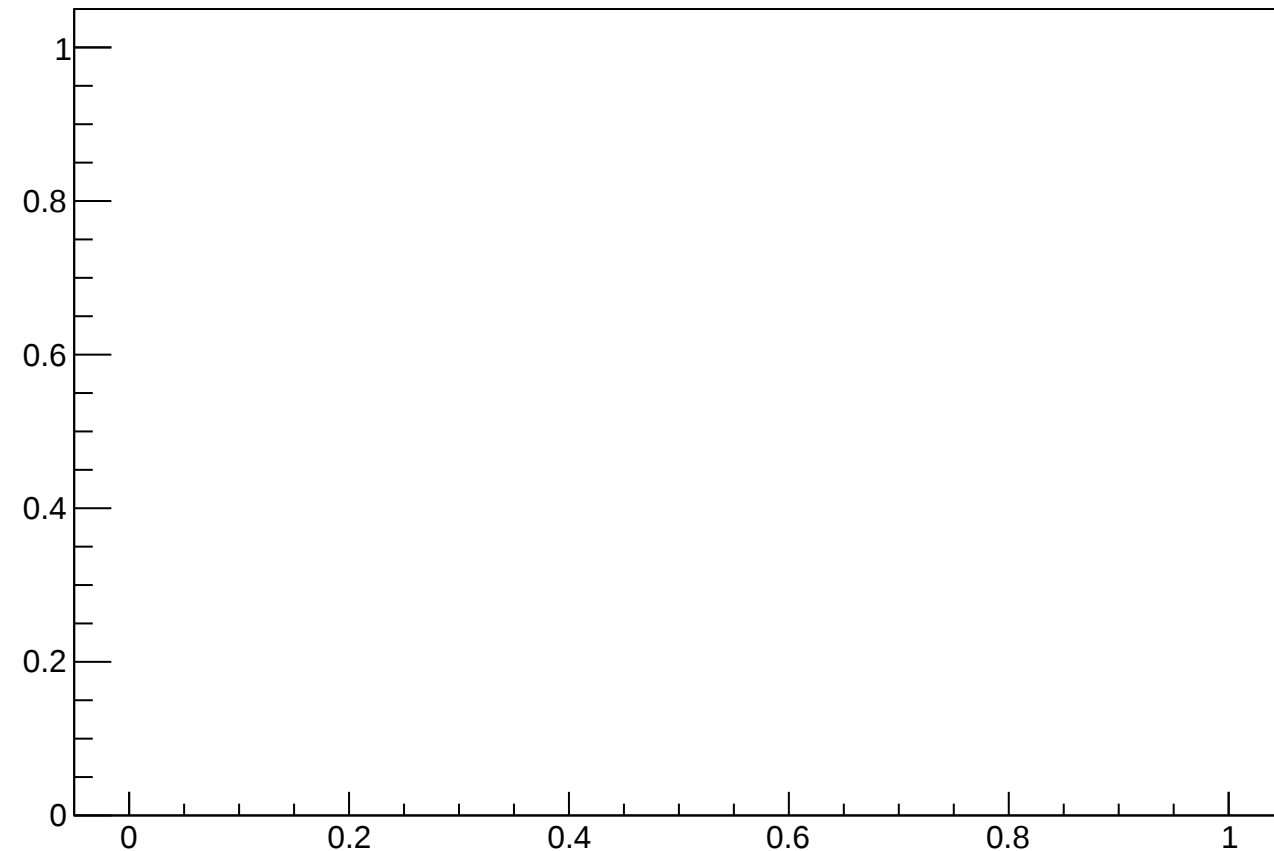
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

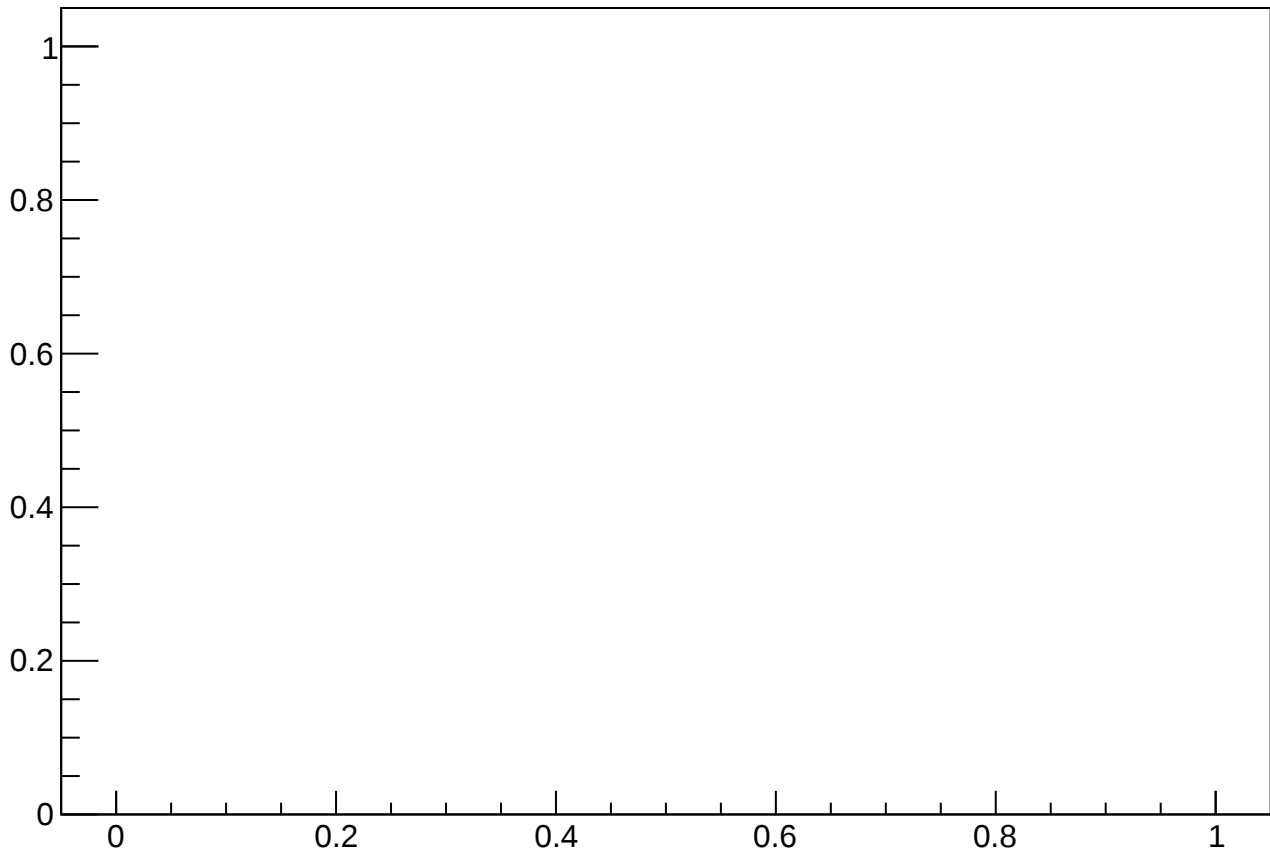
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

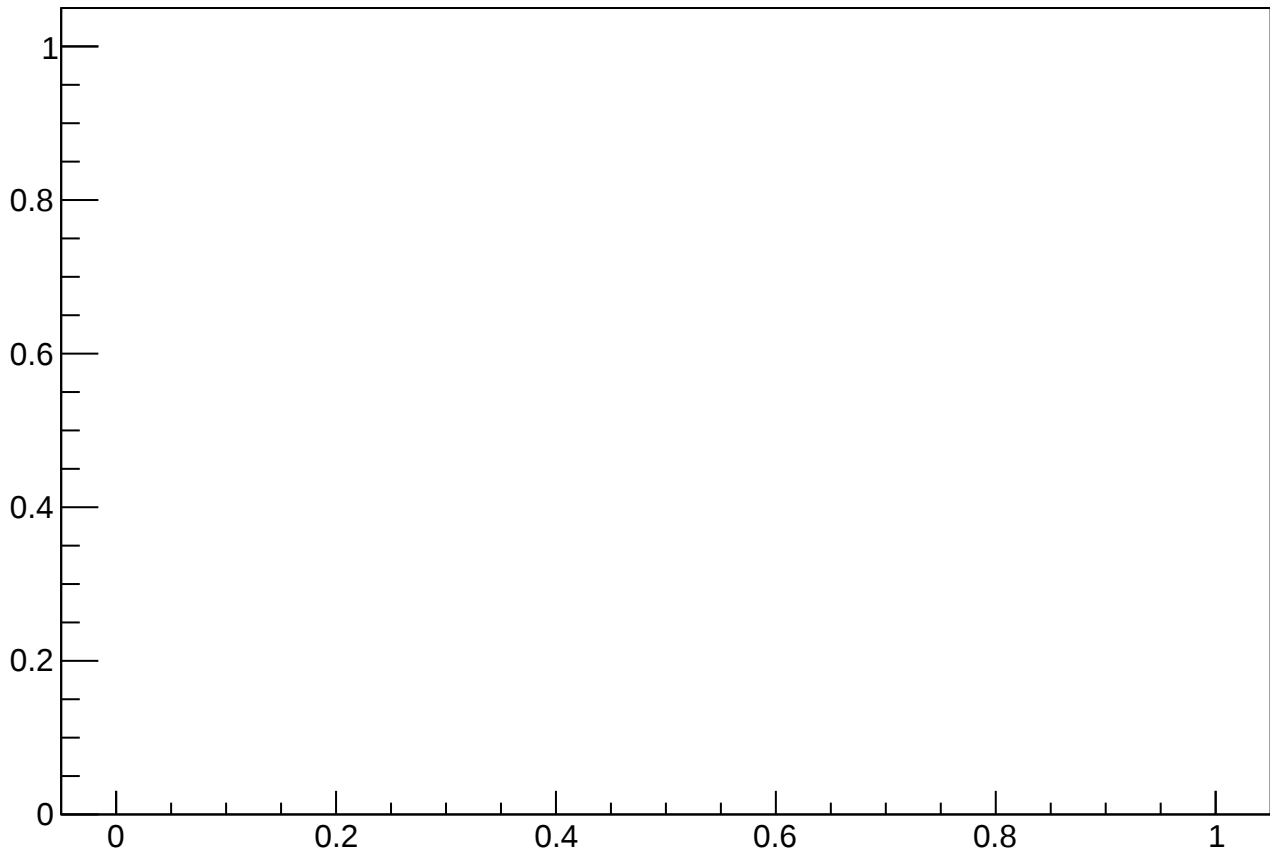
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

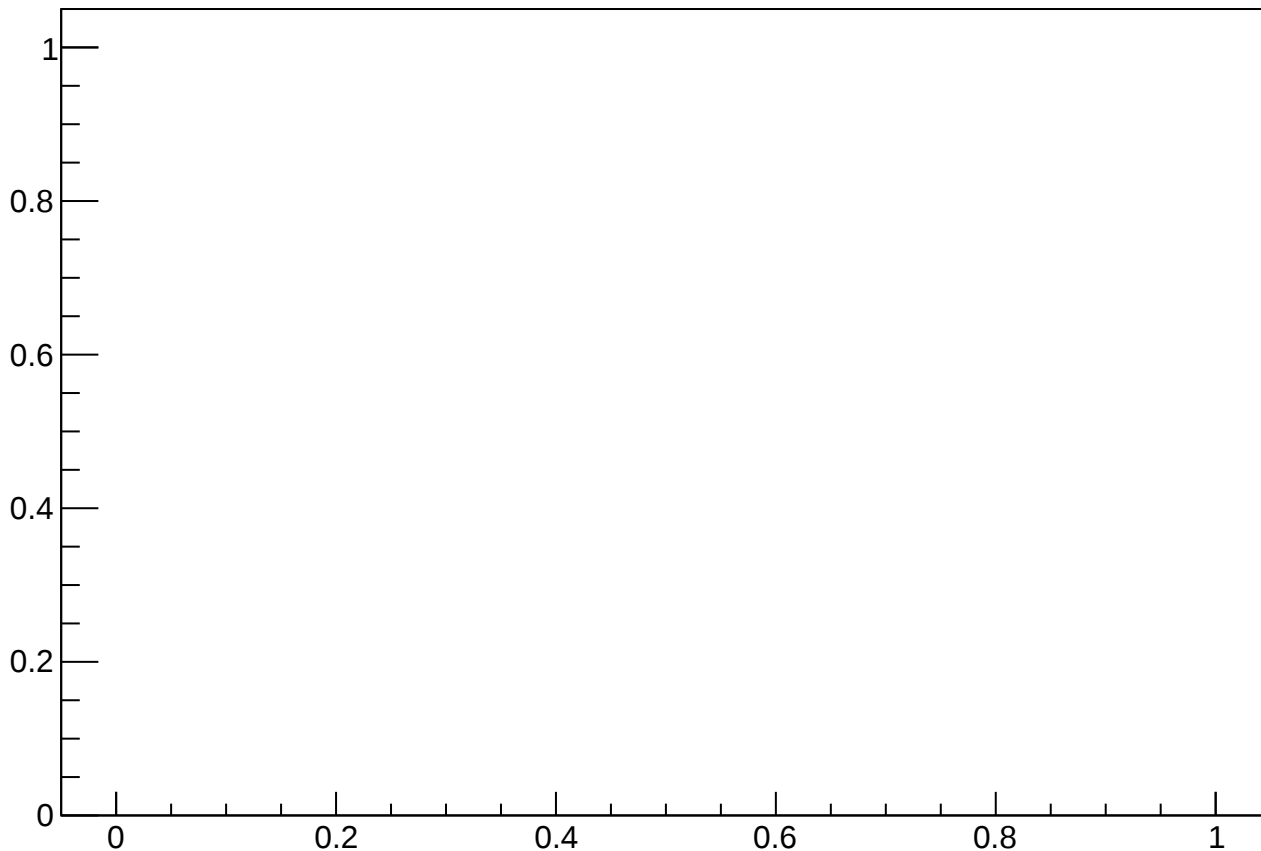
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

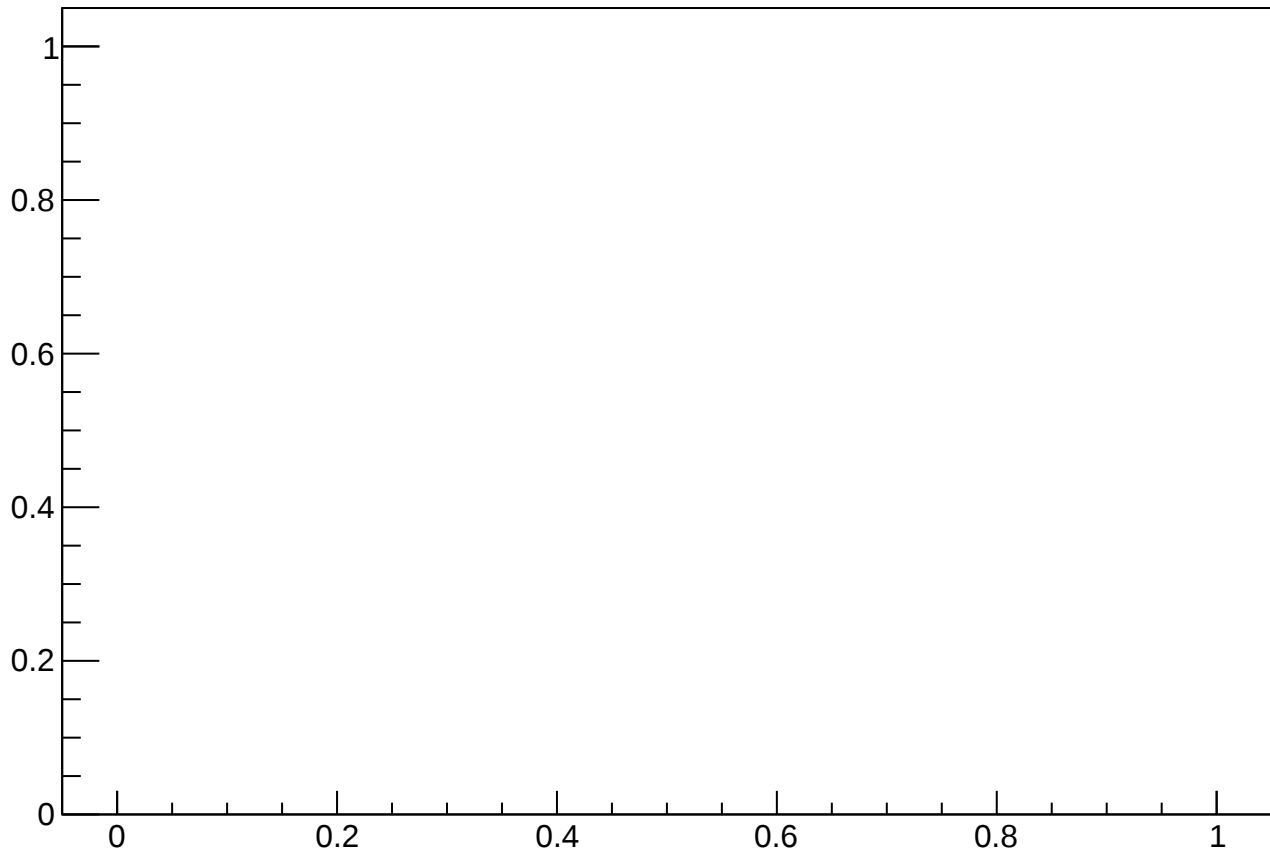
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

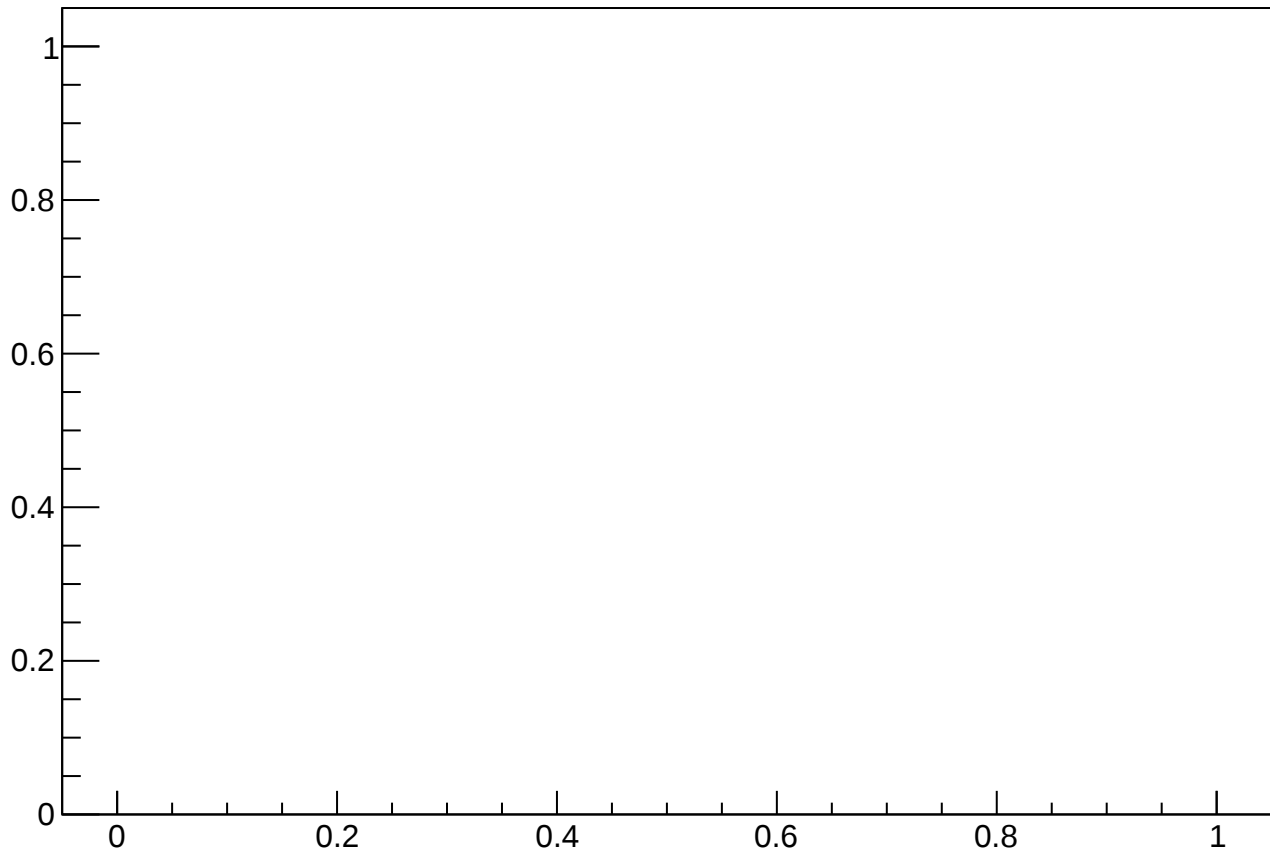
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

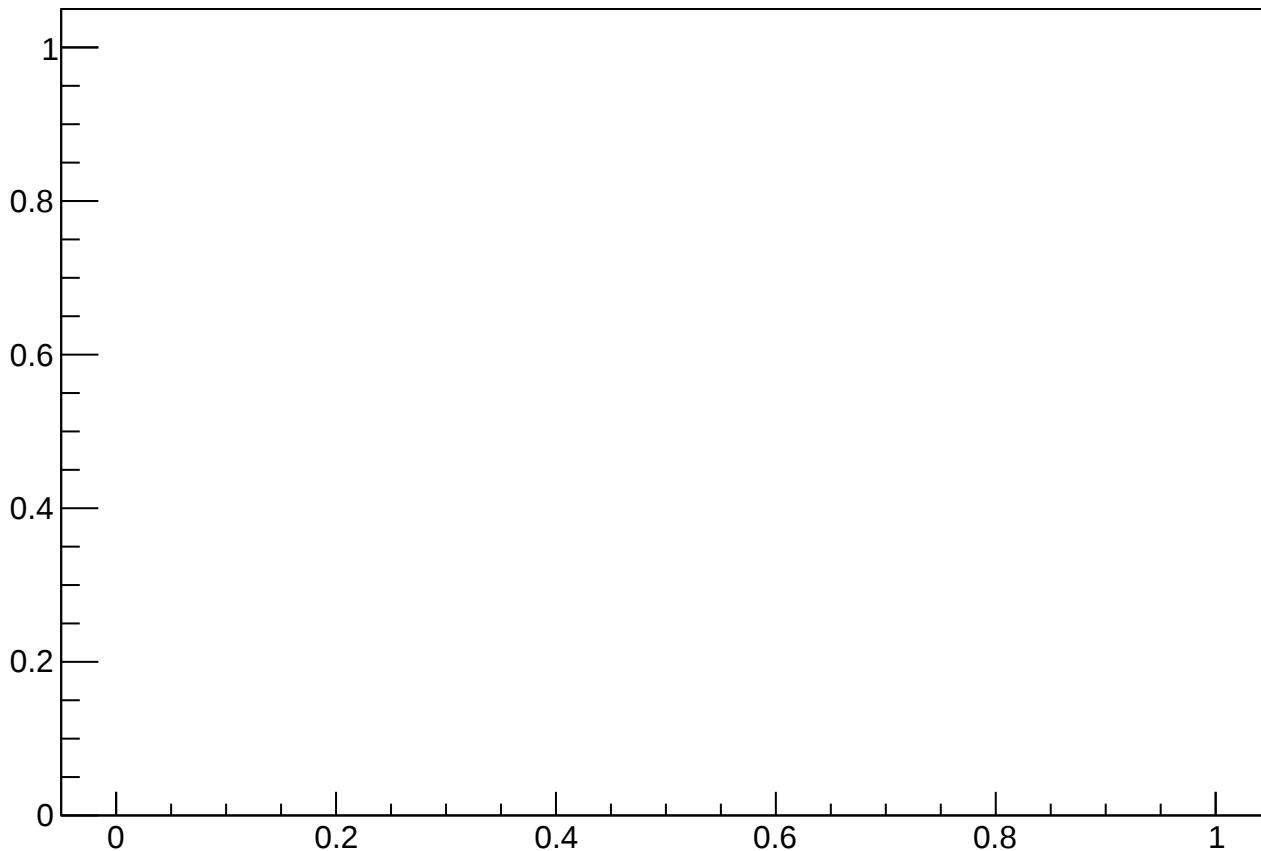
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

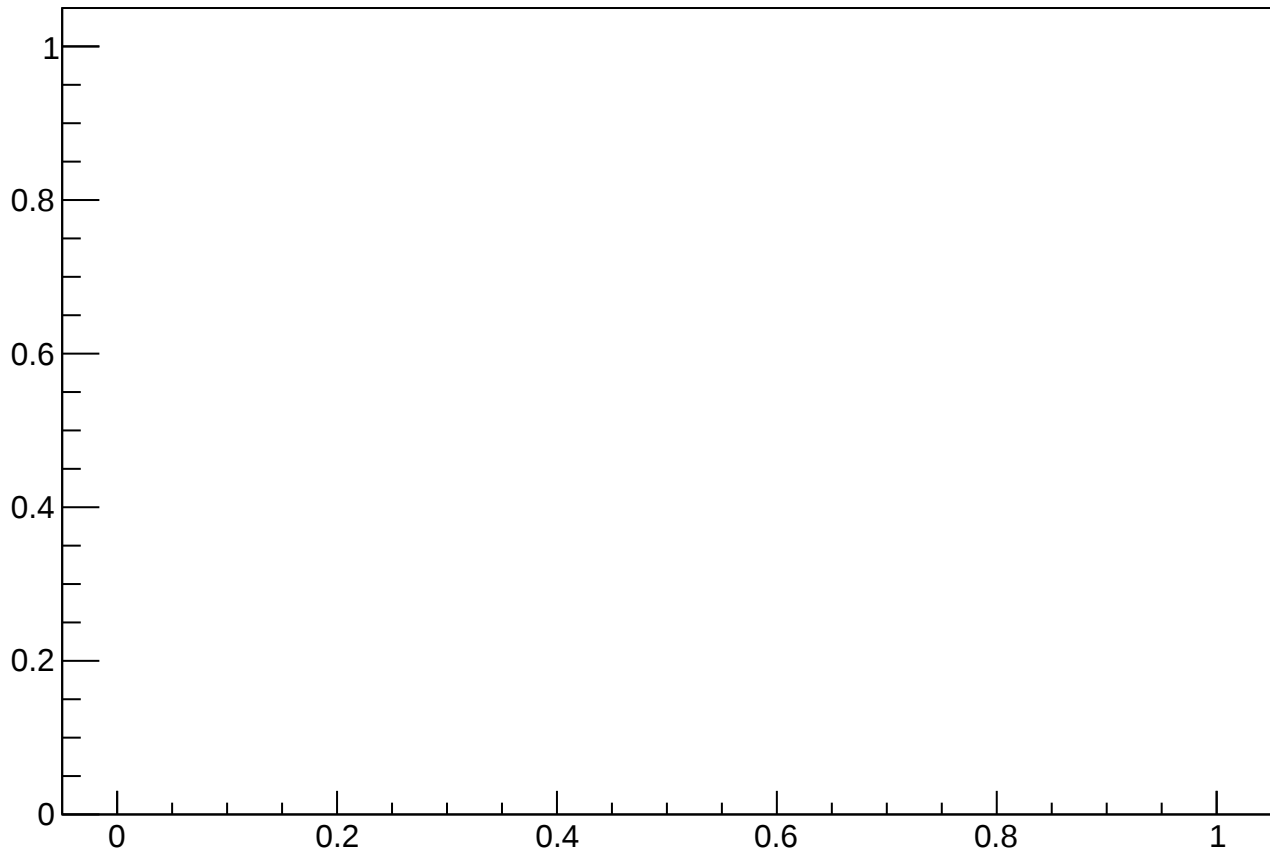
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

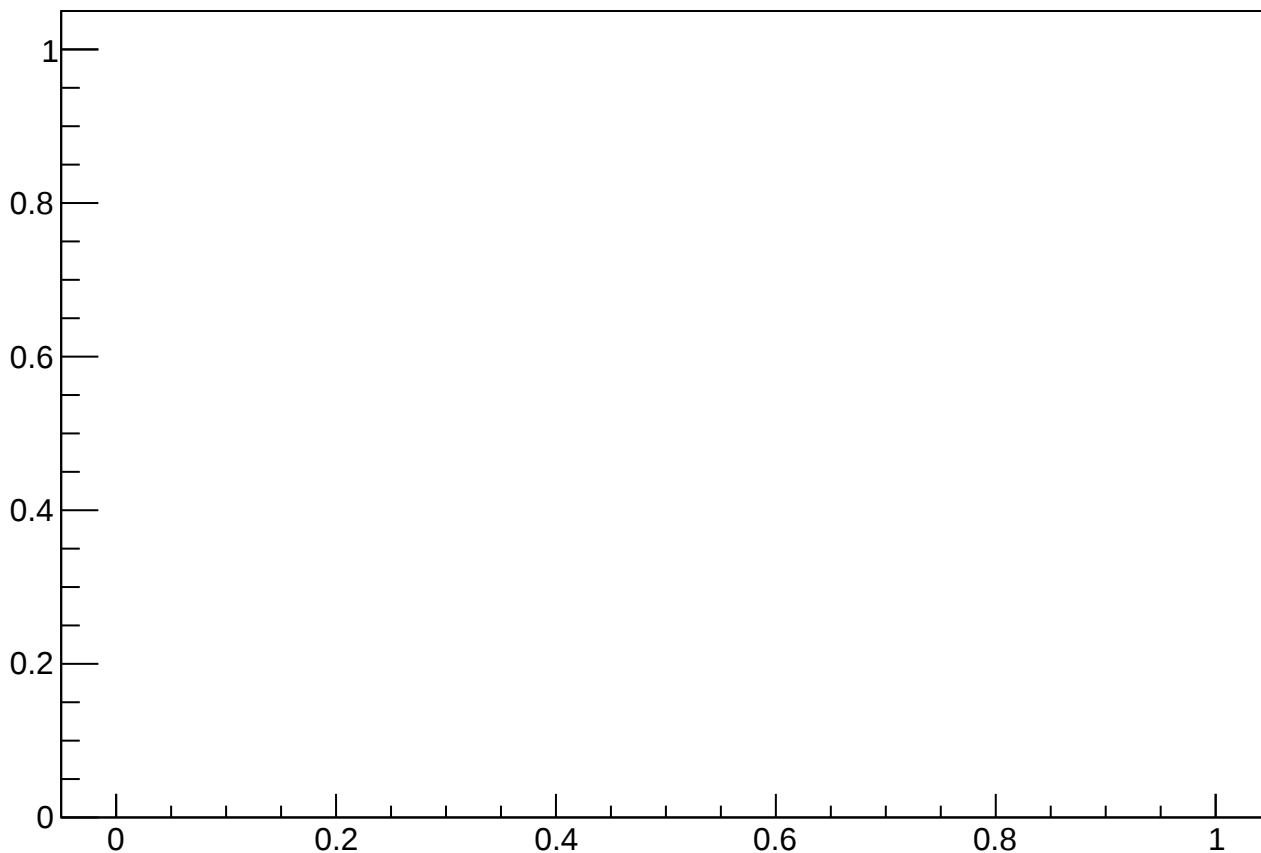
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

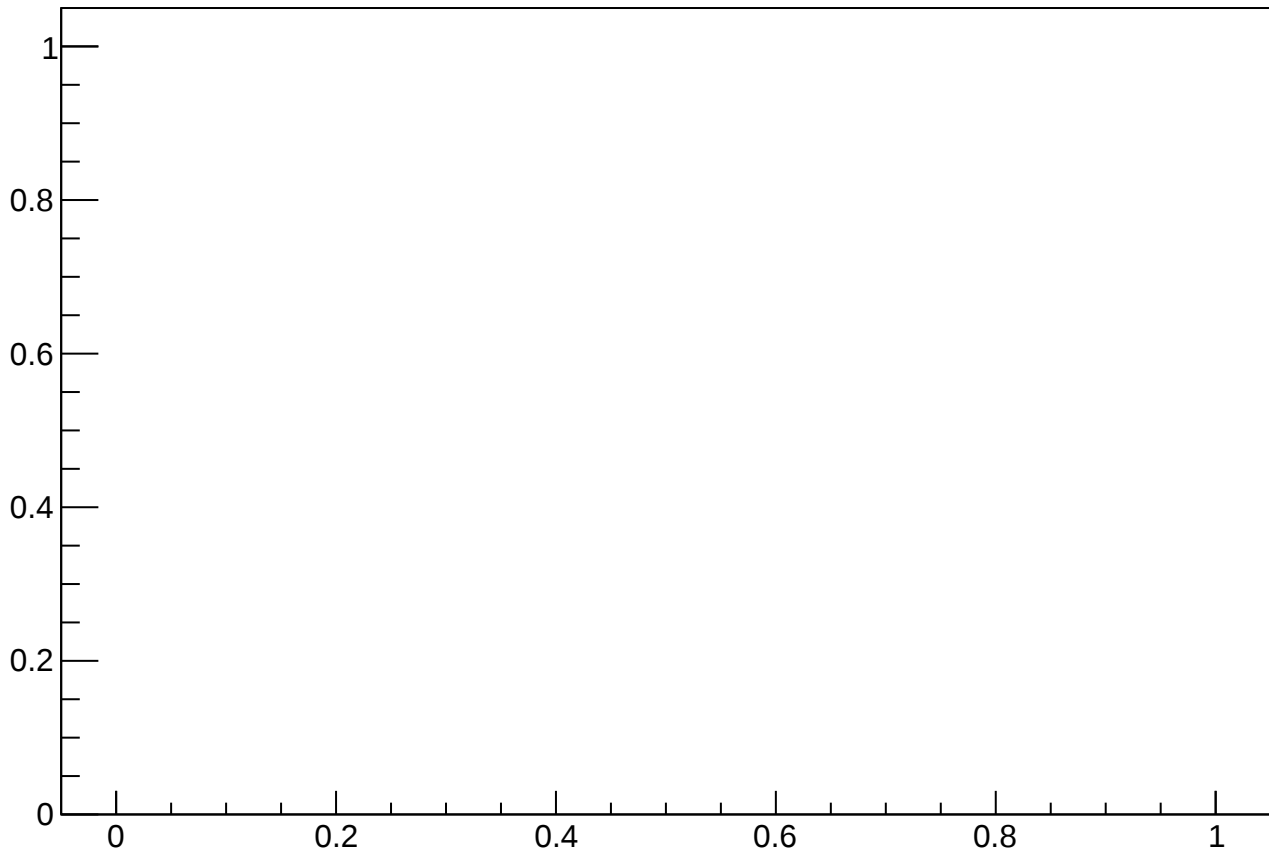
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

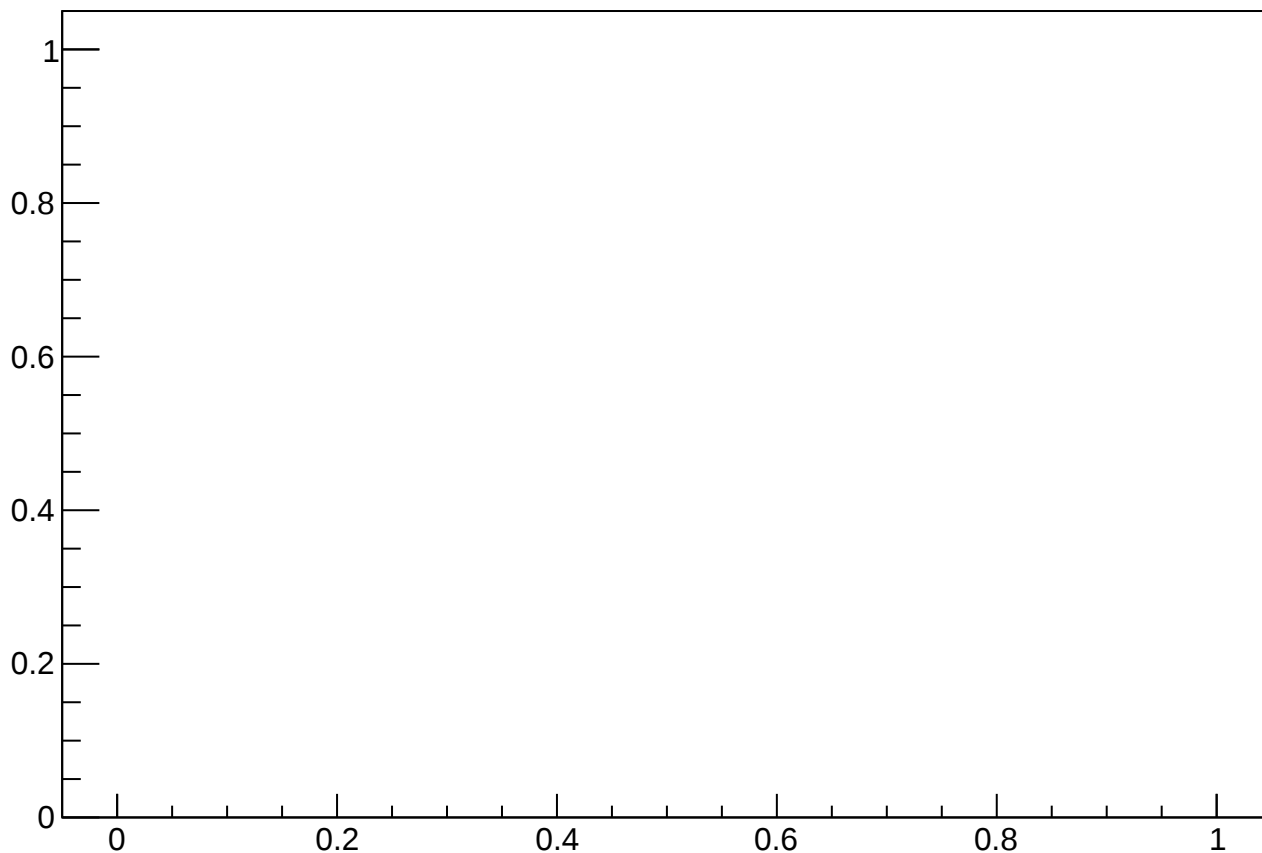
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

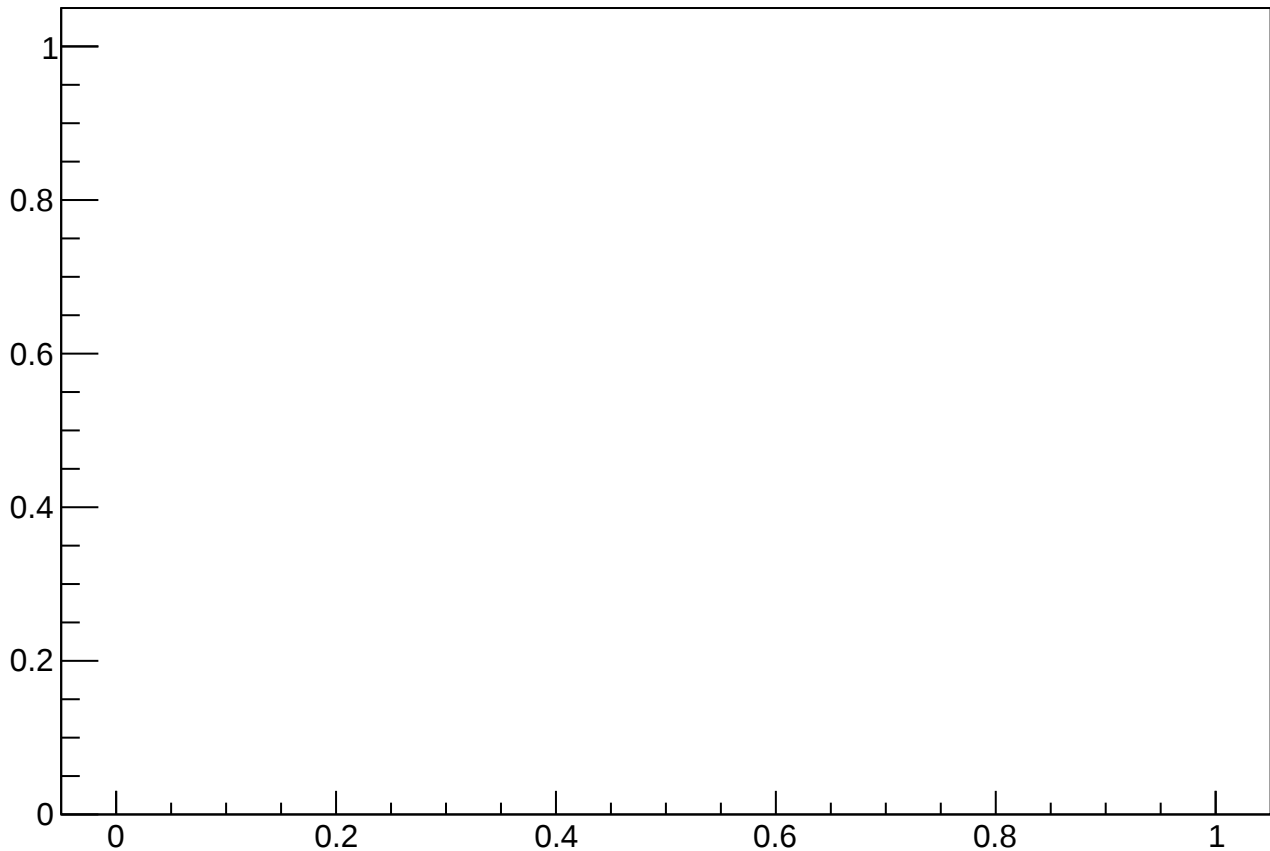
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

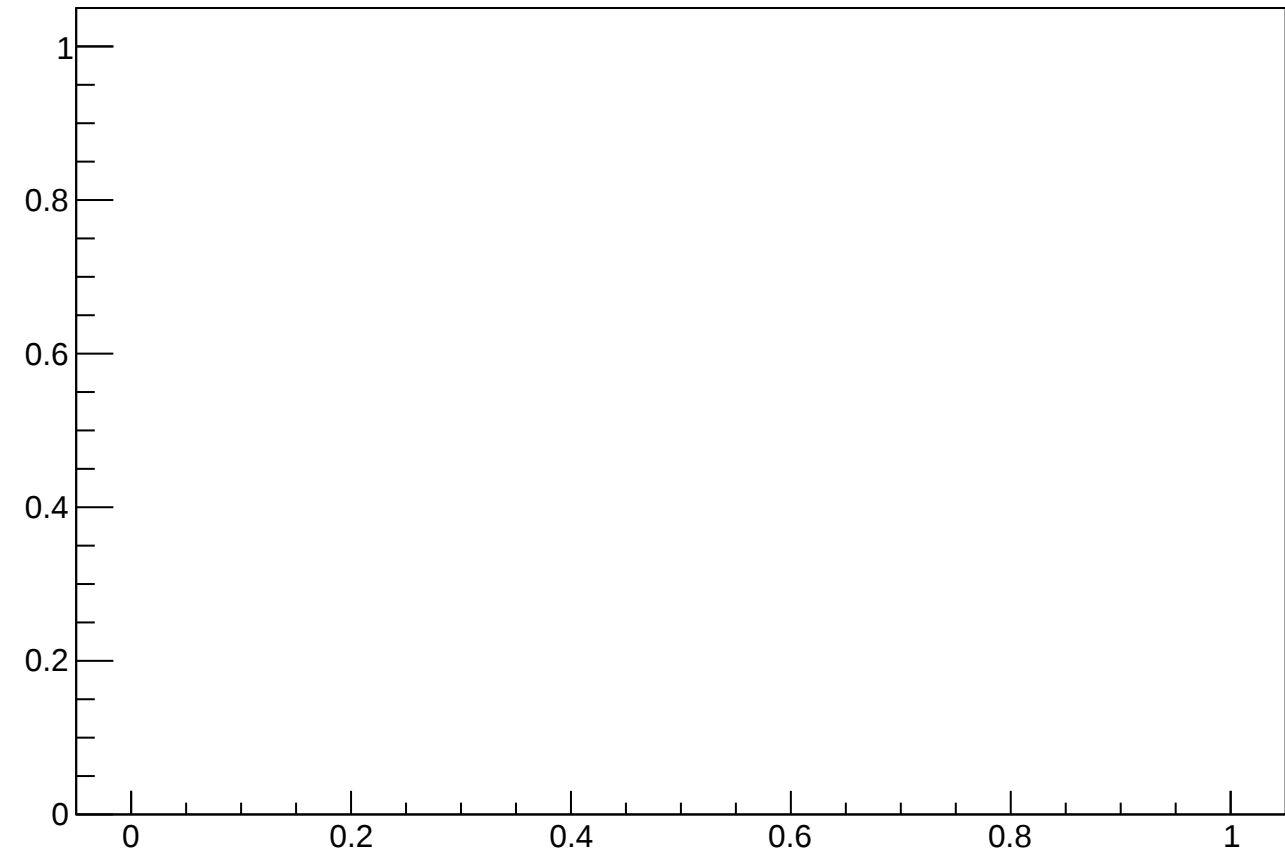
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

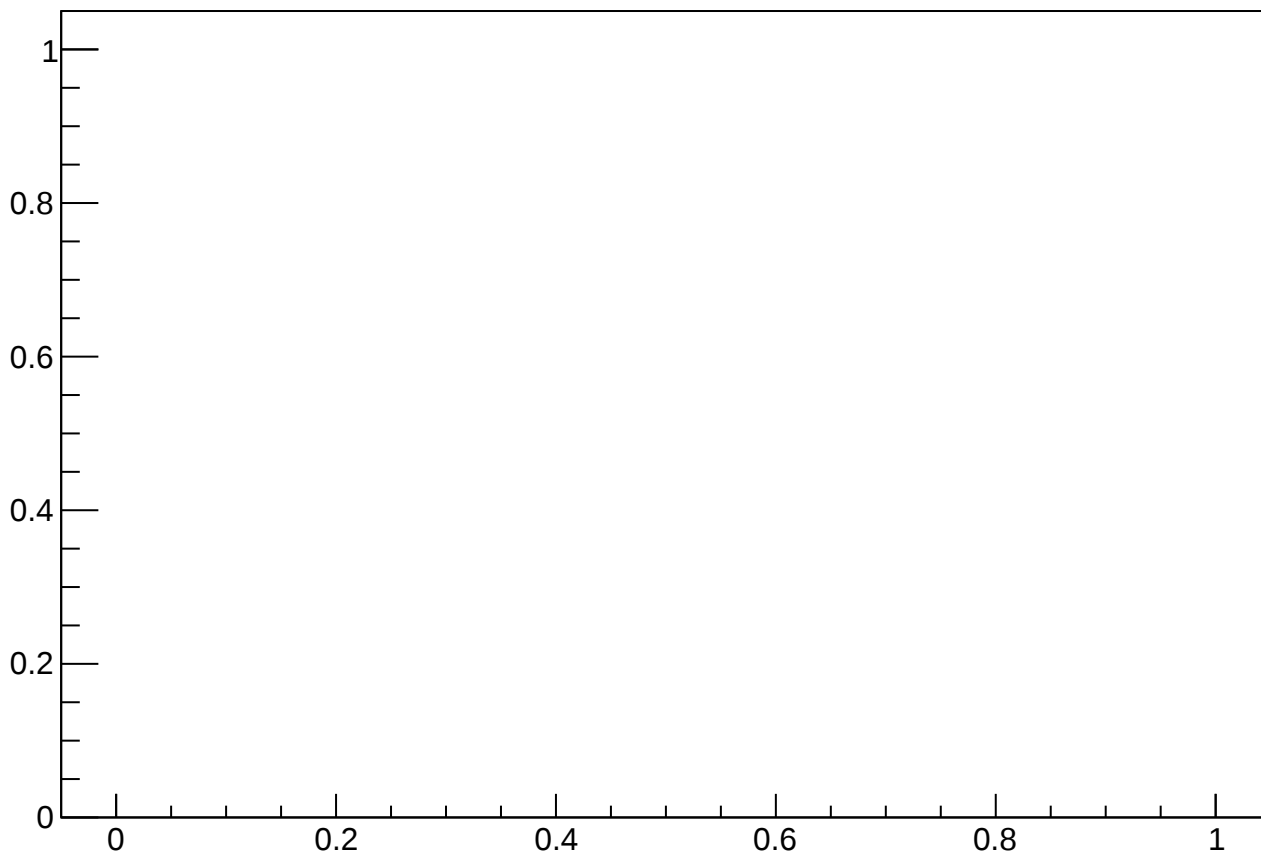
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

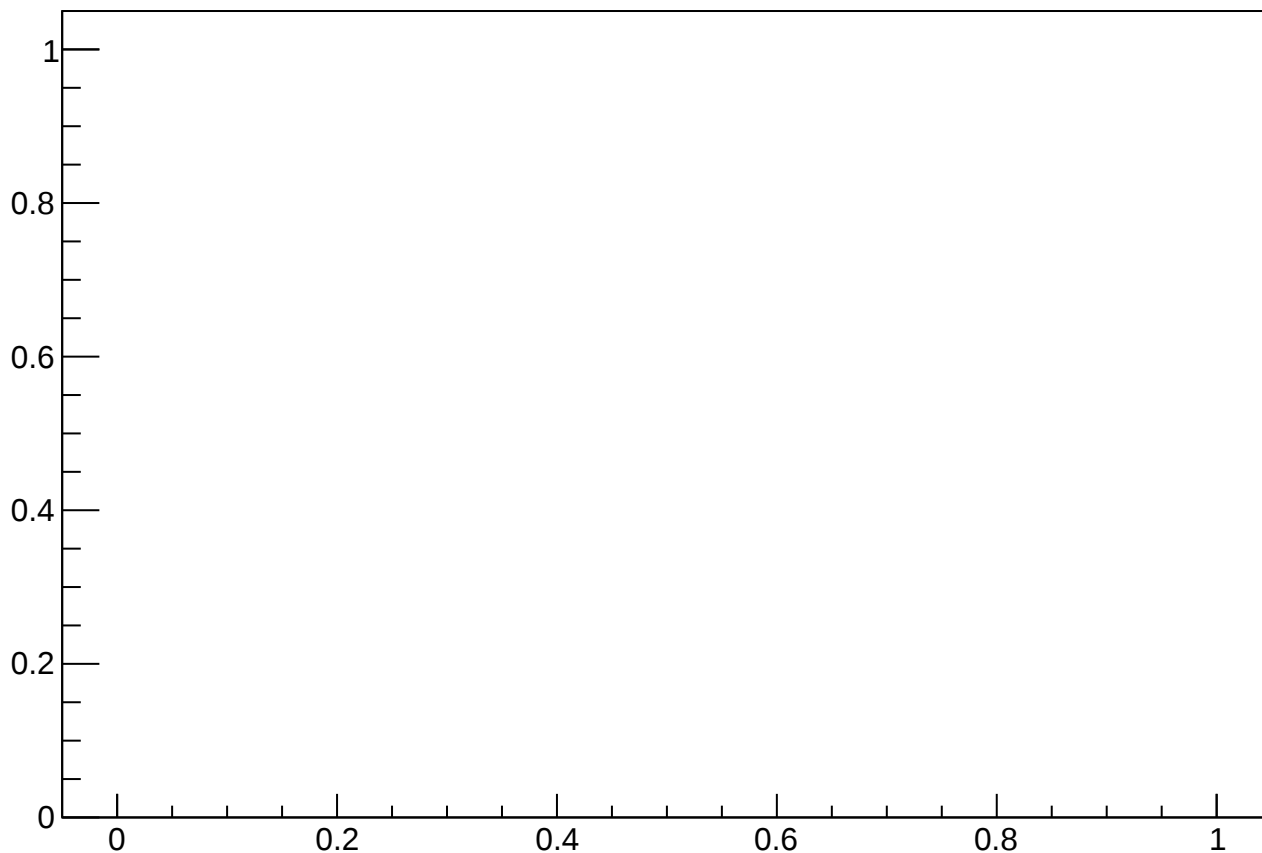
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

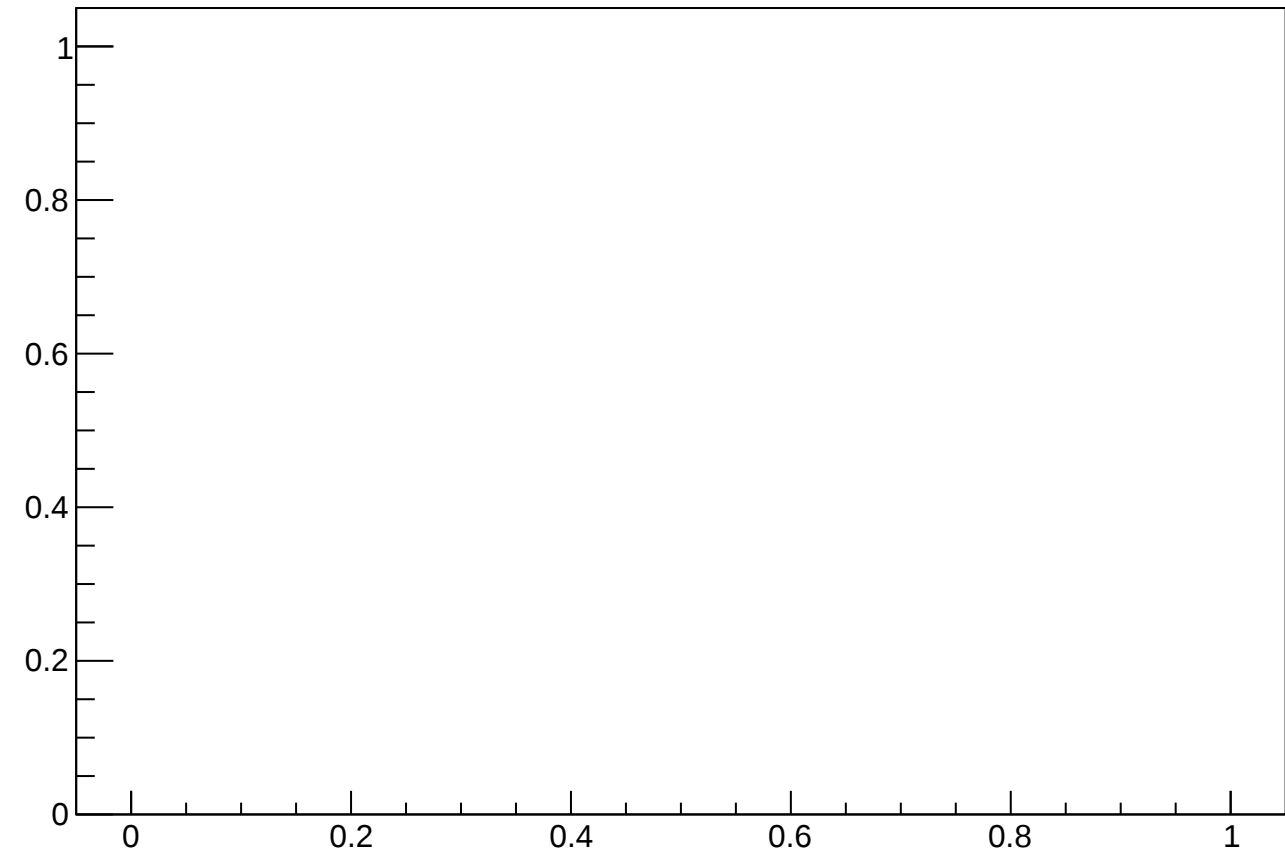
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

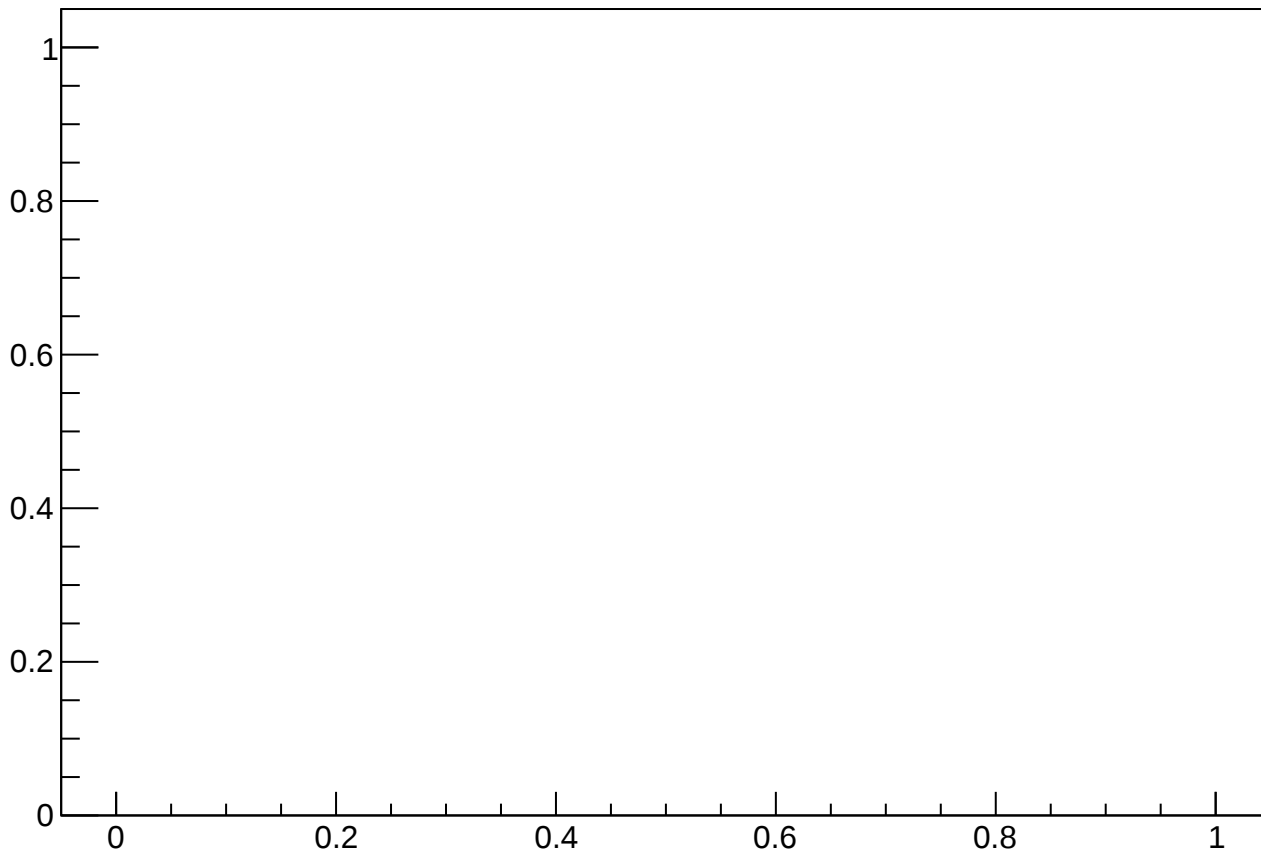
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

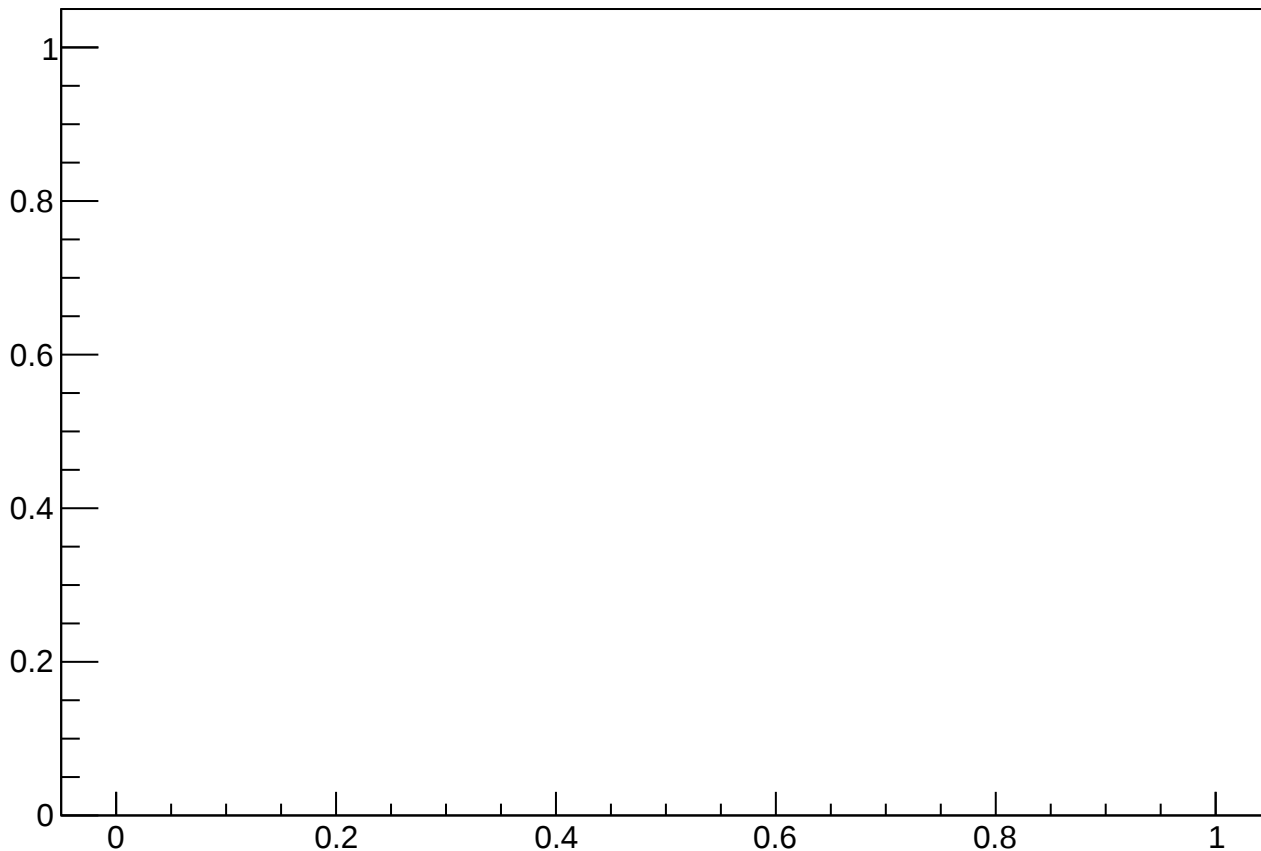
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

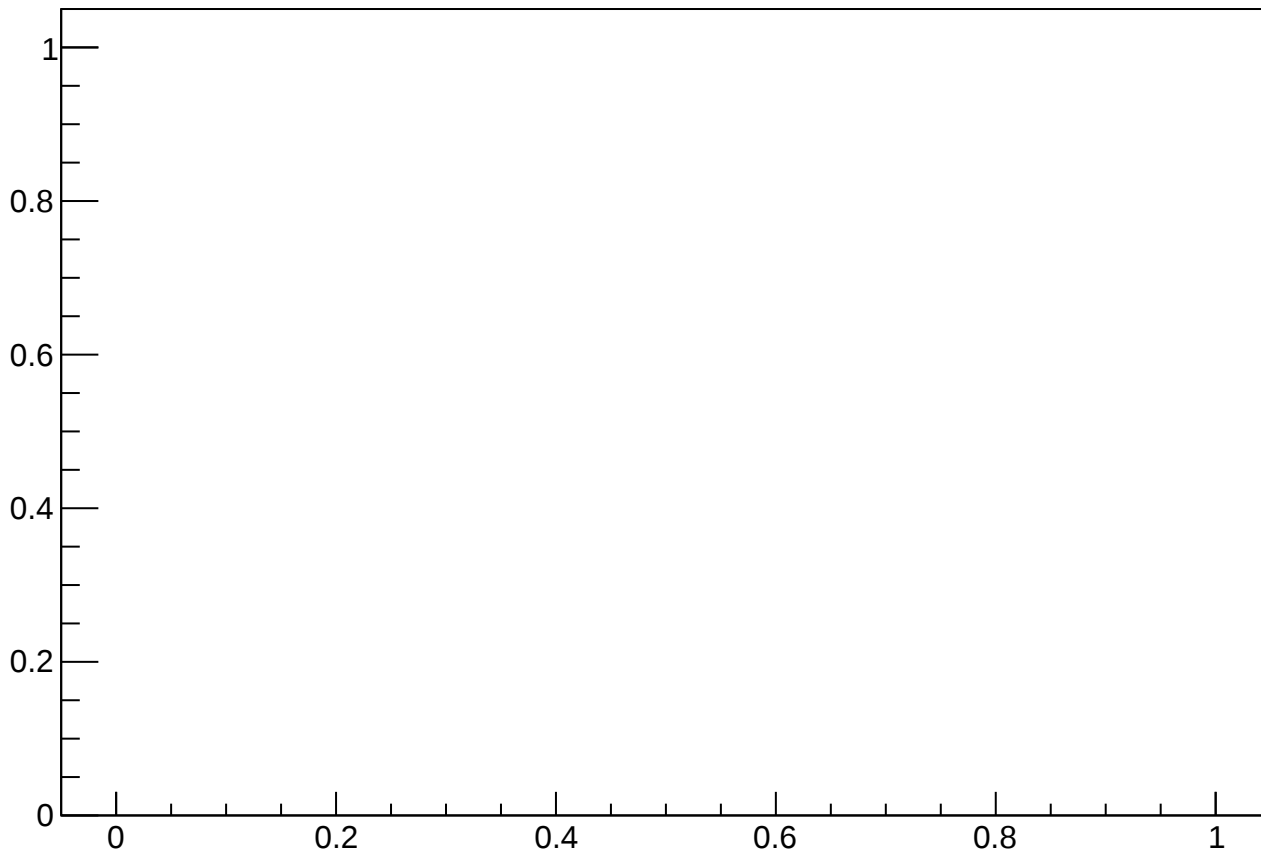
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

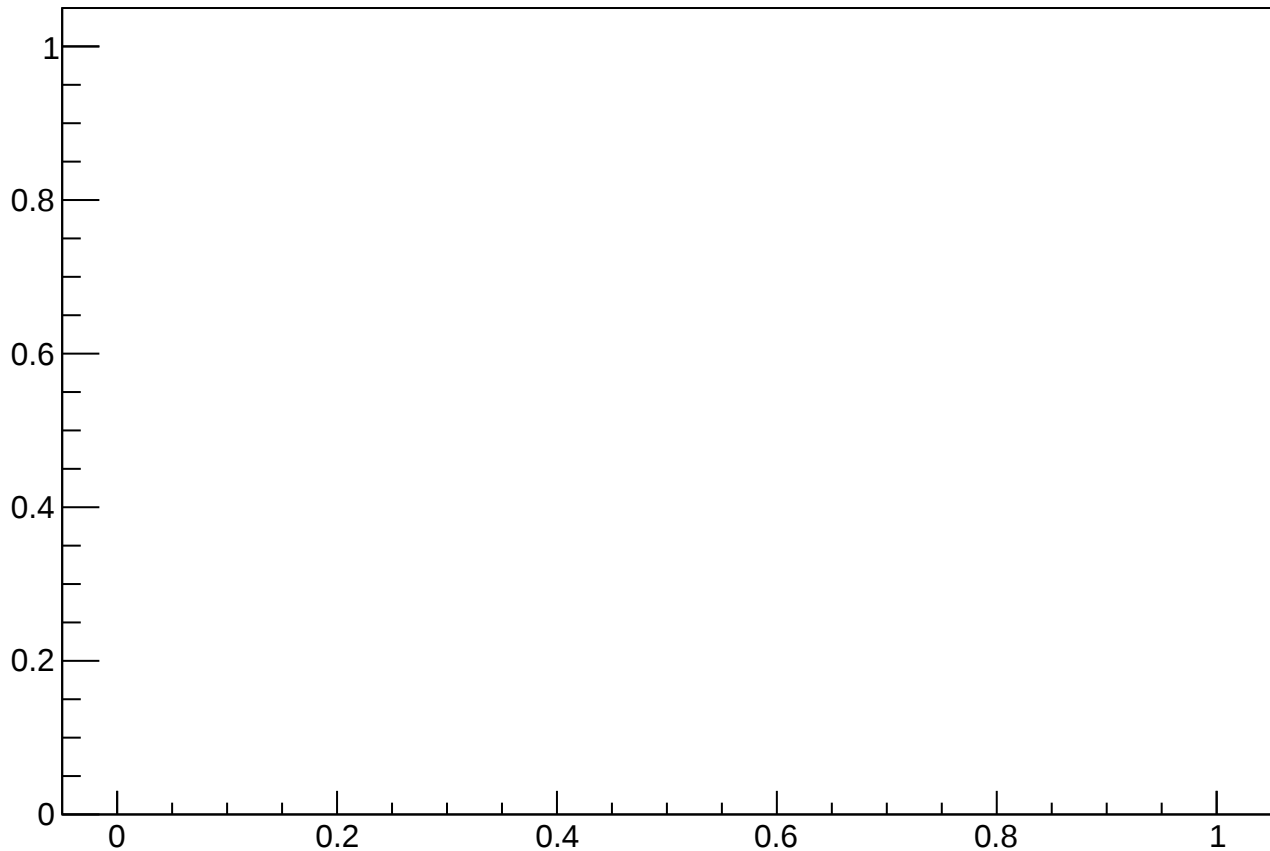
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

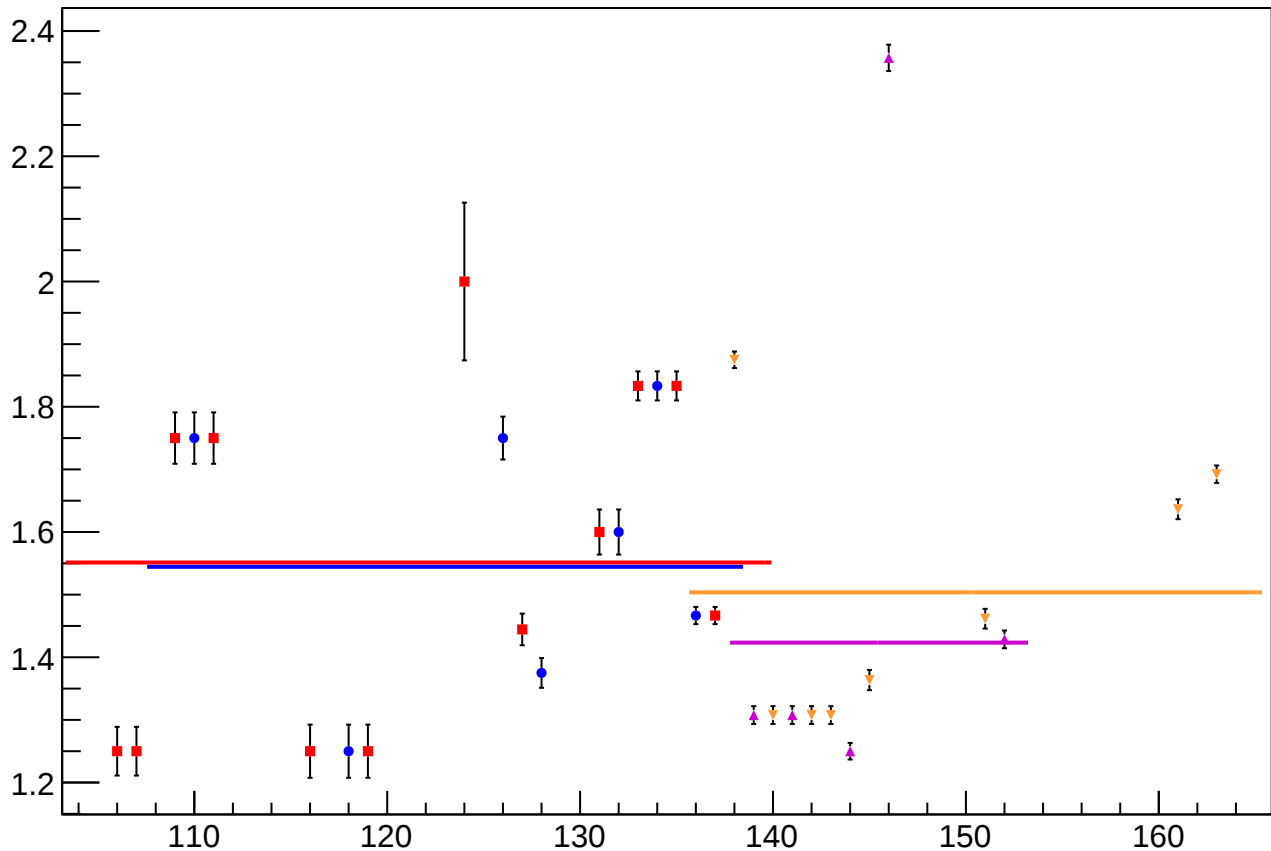
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.504+/-0.005 χ^2/NDF : 1691.6/7

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.423+/-0.007 χ^2/NDF : 2269.8/4

Left: 1.473+/-0.004 χ^2/NDF : 4052.9/12

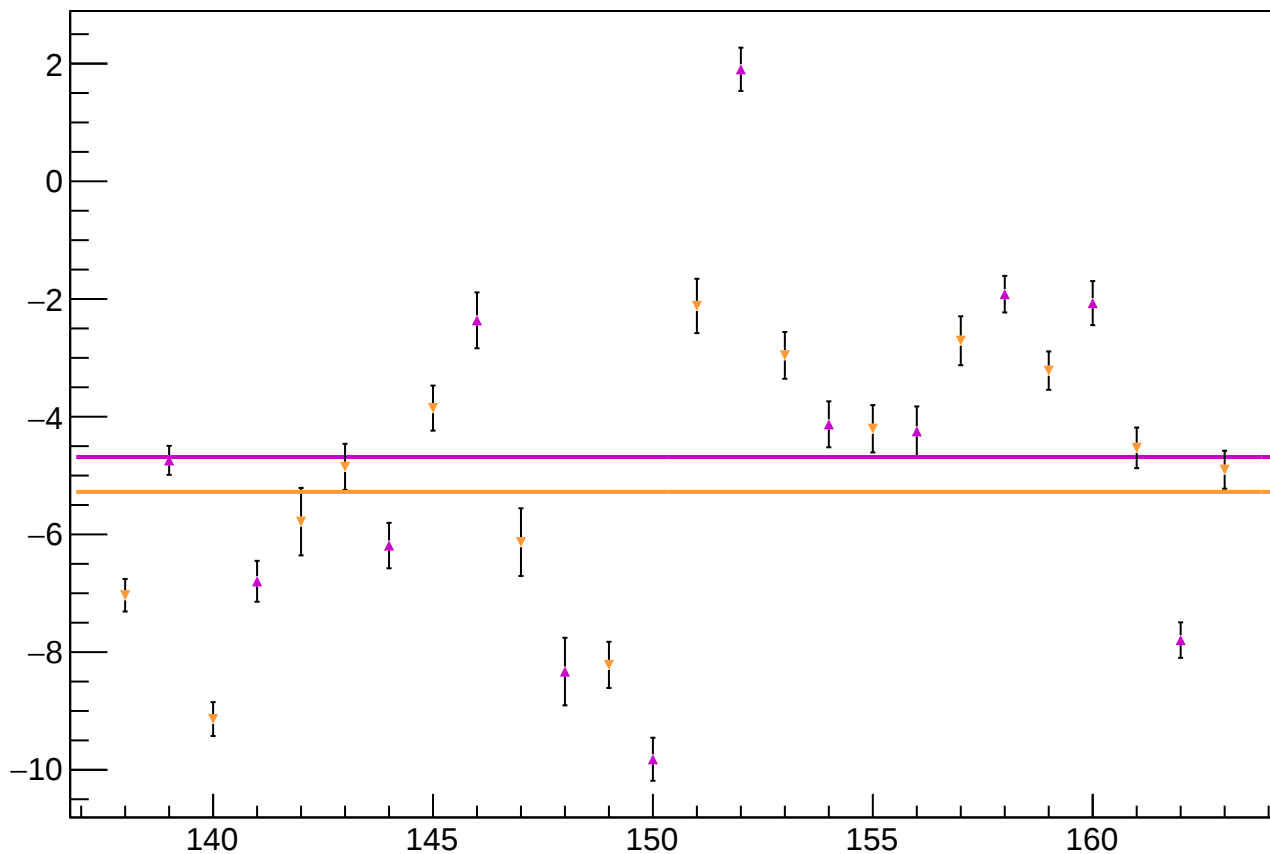
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.464+/-0.005 χ^2/NDF : 2732.9/11

Out: 1.517+/-0.004 χ^2/NDF : 2349.5/19

All: 1.496+/-0.003 χ^2/NDF : 5140.7/31

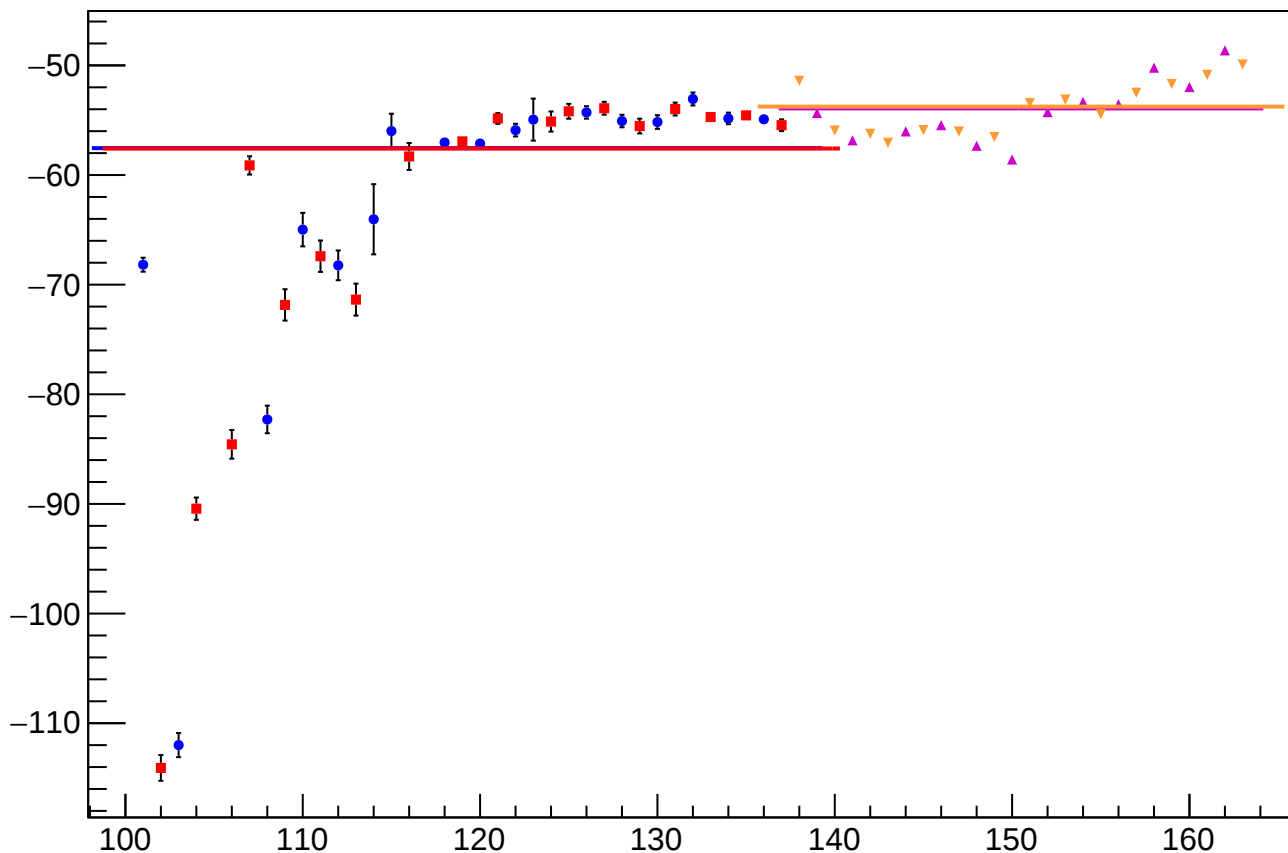
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.277 ± 0.099 χ^2/NDF : 466.2/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -4.684 ± 0.103 χ^2/NDF : 870.7/11

Left: -4.991 ± 0.071 χ^2/NDF : 1354.0/25
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -4.684 ± 0.103 χ^2/NDF : 870.7/11
 Out: -5.277 ± 0.099 χ^2/NDF : 466.2/13
 All: -4.991 ± 0.071 χ^2/NDF : 1354.0/25

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -53.759 $\pm$ 0.073 χ^2 /NDF:1055.8/13

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -53.926 $\pm$ 0.078 χ^2 /NDF:1544.3/11

Left: -53.837 $\pm$ 0.053 χ^2 /NDF: 2602.6/25

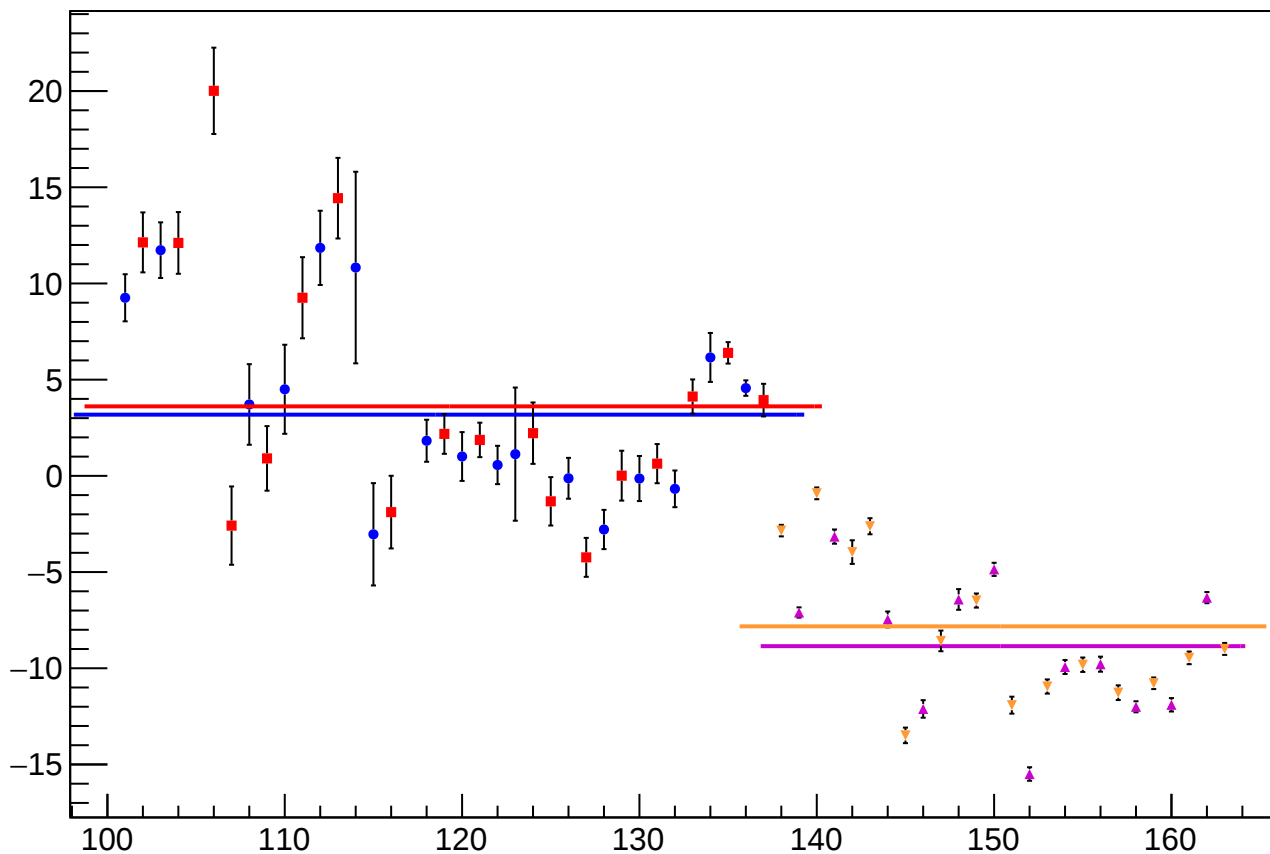
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -54.765 $\pm$ 0.068 χ^2 /NDF:5507.9/28

Out: -54.546 $\pm$ 0.065 χ^2 /NDF:5967.4/31

All: -54.650 $\pm$ 0.047 χ^2 /NDF: 11480.7/60

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.822 ± 0.098 $\chi^2/\text{NDF}: 1590.7/13$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.851 ± 0.101 $\chi^2/\text{NDF}: 1142.0/11$

Left: -8.323 ± 0.070 $\chi^2/\text{NDF}: 2786.3/25$

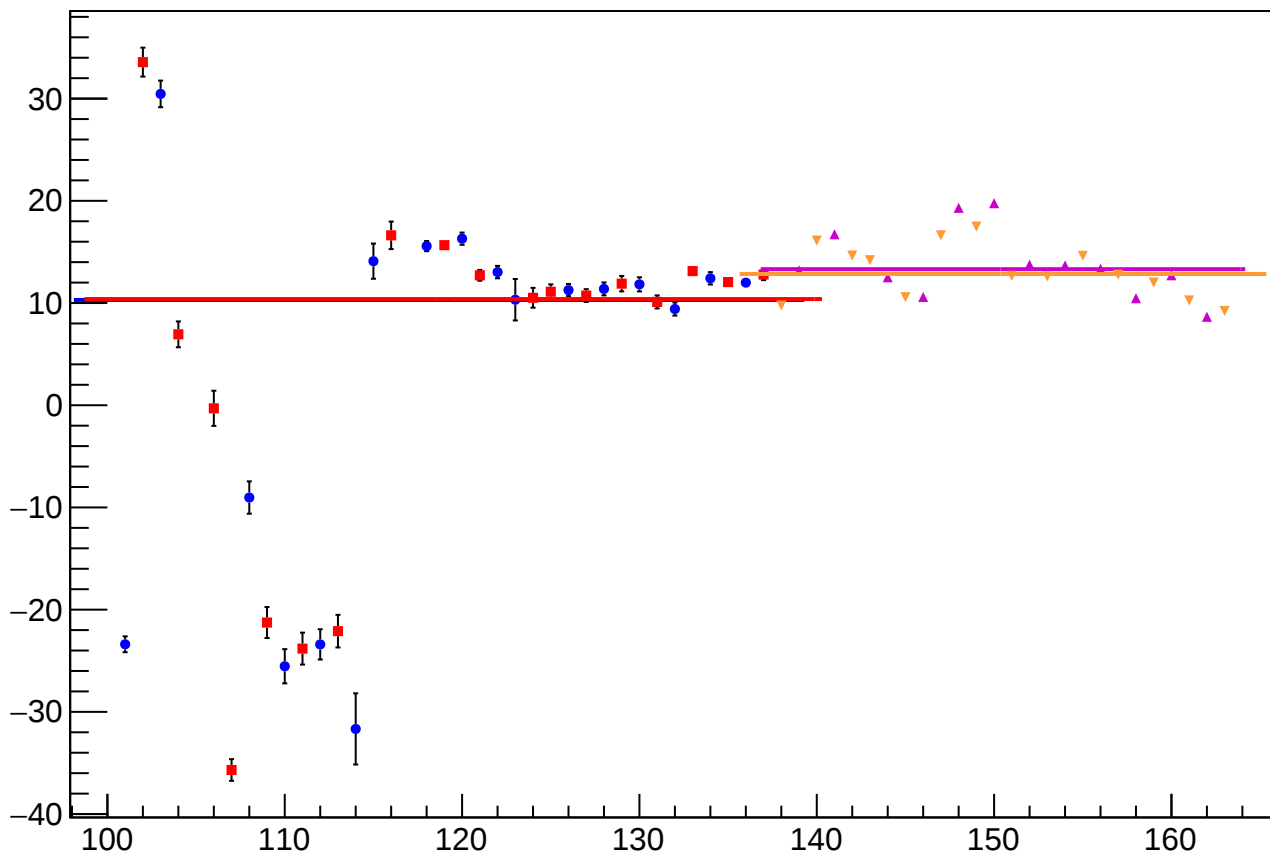
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.258 ± 0.094 $\chi^2/\text{NDF}: 3214.5/28$

Out: -6.471 ± 0.092 $\chi^2/\text{NDF}: 3486.6/31$

All: -6.857 ± 0.066 $\chi^2/\text{NDF}: 6737.0/60$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 $\chi^2/\text{NDF}: 3699.4/16$

Left Out: 12.843 ± 0.083 $\chi^2/\text{NDF}: 943.0/13$

Right Out: 10.388 ± 0.160 $\chi^2/\text{NDF}: 3786.4/17$

Left In: 13.313 ± 0.088 $\chi^2/\text{NDF}: 1424.6/11$

Left: 13.065 ± 0.061 $\chi^2/\text{NDF}: 2382.6/25$

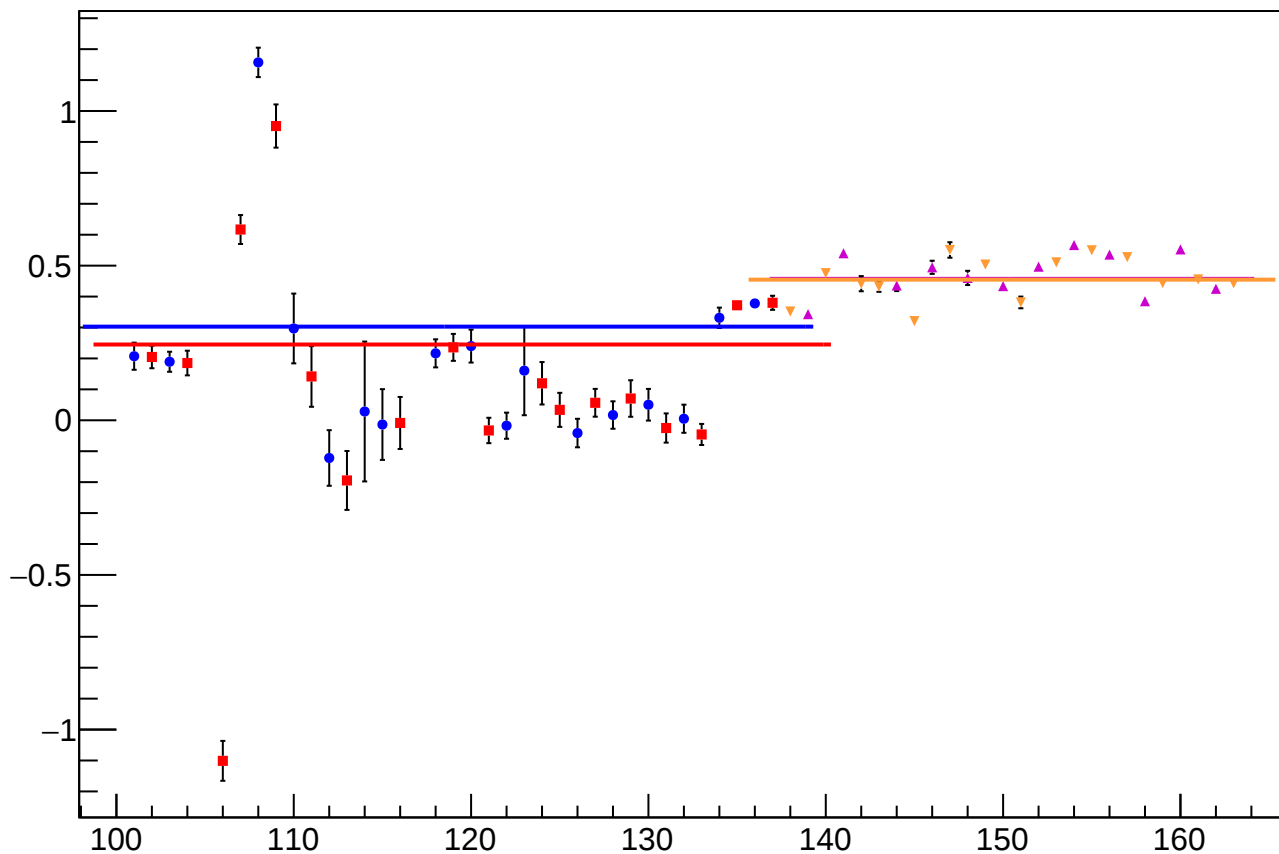
Right: 10.344 ± 0.112 $\chi^2/\text{NDF}: 7485.9/34$

In: 12.591 ± 0.077 $\chi^2/\text{NDF}: 5403.9/28$

Out: 12.317 ± 0.074 $\chi^2/\text{NDF}: 4914.7/31$

All: 12.449 ± 0.053 $\chi^2/\text{NDF}: 10325.1/60$

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF:300.9/13

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.457 $\pm$ 0.004 χ^2 /NDF:417.2/11

Left: 0.456 $\pm$ 0.003 χ^2 /NDF: 718.3/25

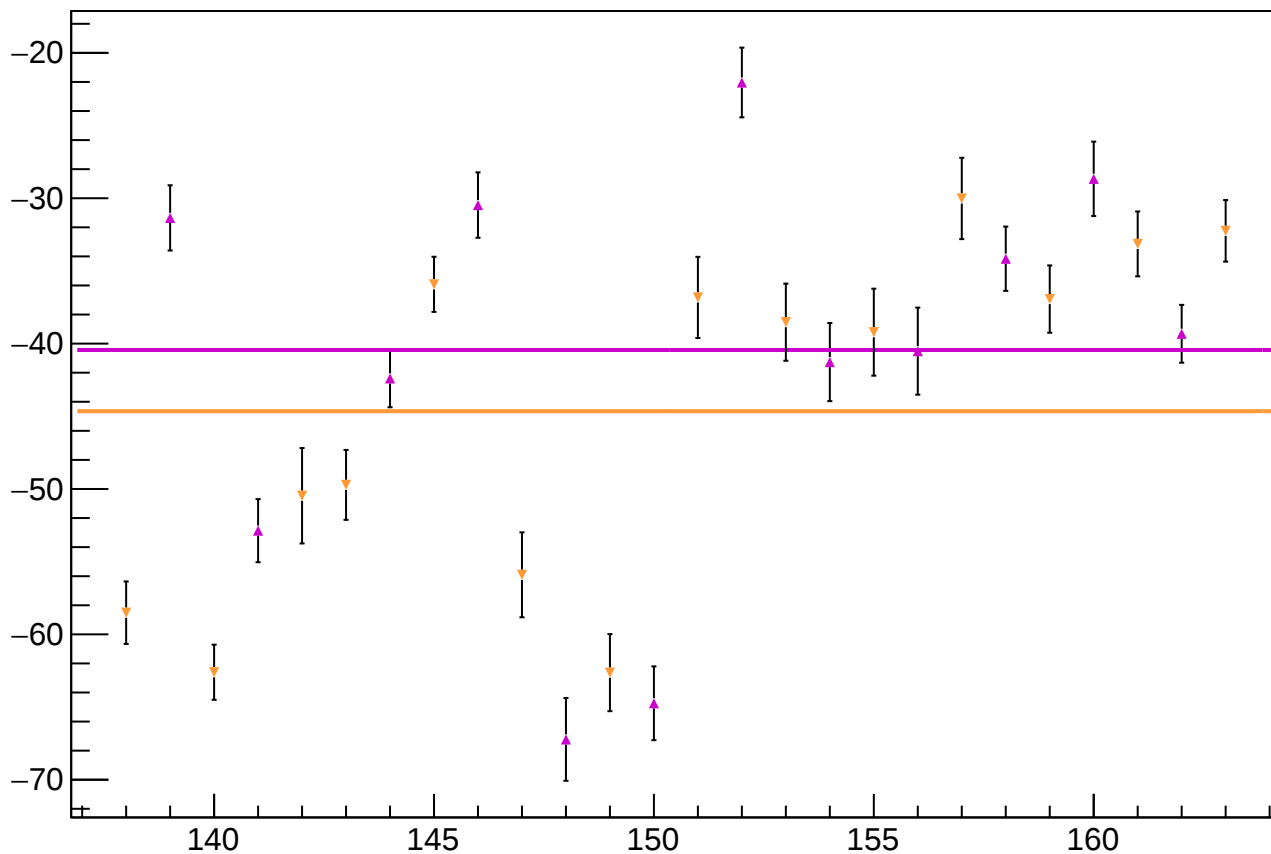
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.430 $\pm$ 0.003 χ^2 /NDF:1356.0/28

Out: 0.420 $\pm$ 0.003 χ^2 /NDF:1762.0/31

All: 0.425 $\pm$ 0.002 χ^2 /NDF: 3121.6/60

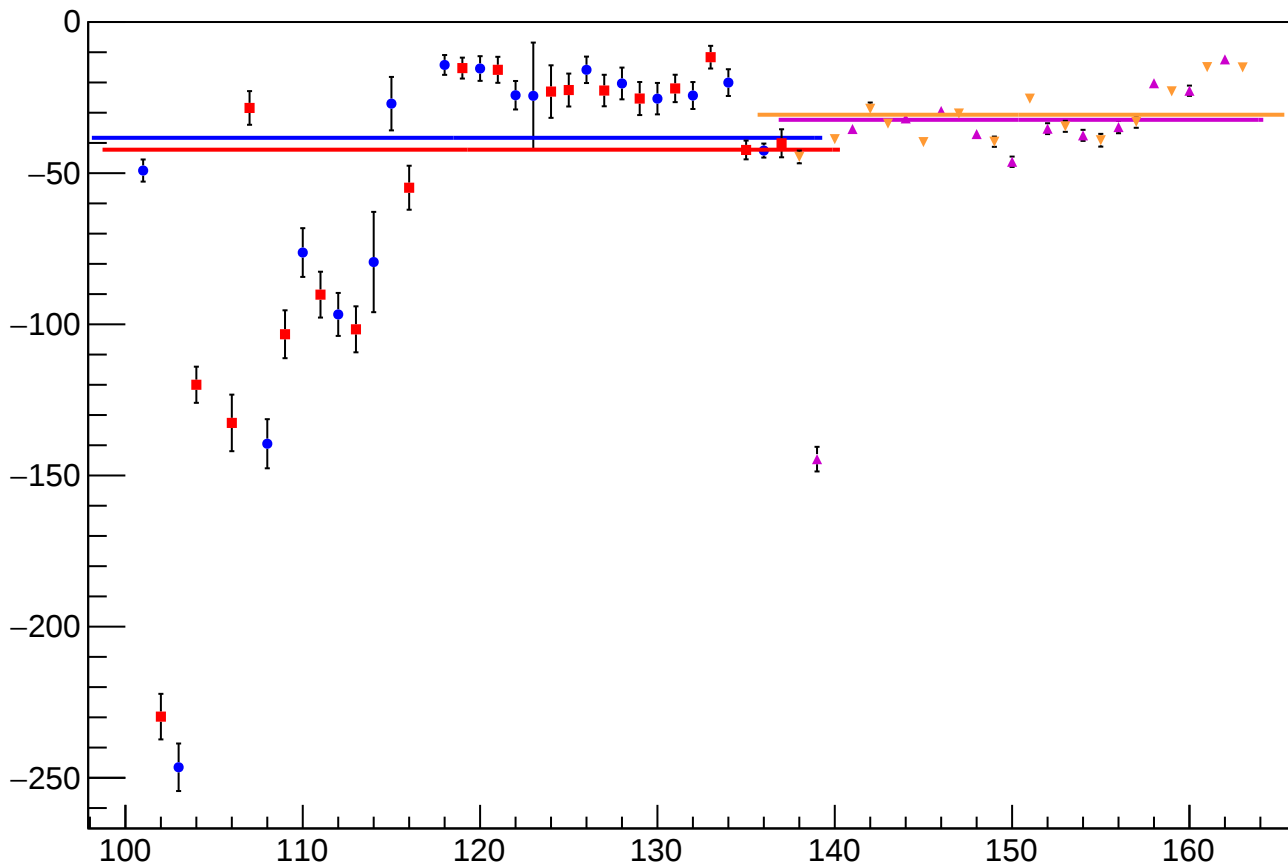
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -44.648+/-0.643 χ^2/NDF :336.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.437+/-0.678 χ^2/NDF :338.5/11

Left: -42.654+/-0.467 χ^2/NDF : 695.8/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.437+/-0.678 χ^2/NDF :338.5/11
 Out: -44.648+/-0.643 χ^2/NDF :336.9/13
 All: -42.654+/-0.467 χ^2/NDF : 695.8/25

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: -30.667 ± 0.453 $\chi^2/\text{NDF}: 390.6/13$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -32.352 ± 0.478 $\chi^2/\text{NDF}: 1110.8/11$

Left: -31.464 ± 0.329 $\chi^2/\text{NDF}: 1508.0/25$

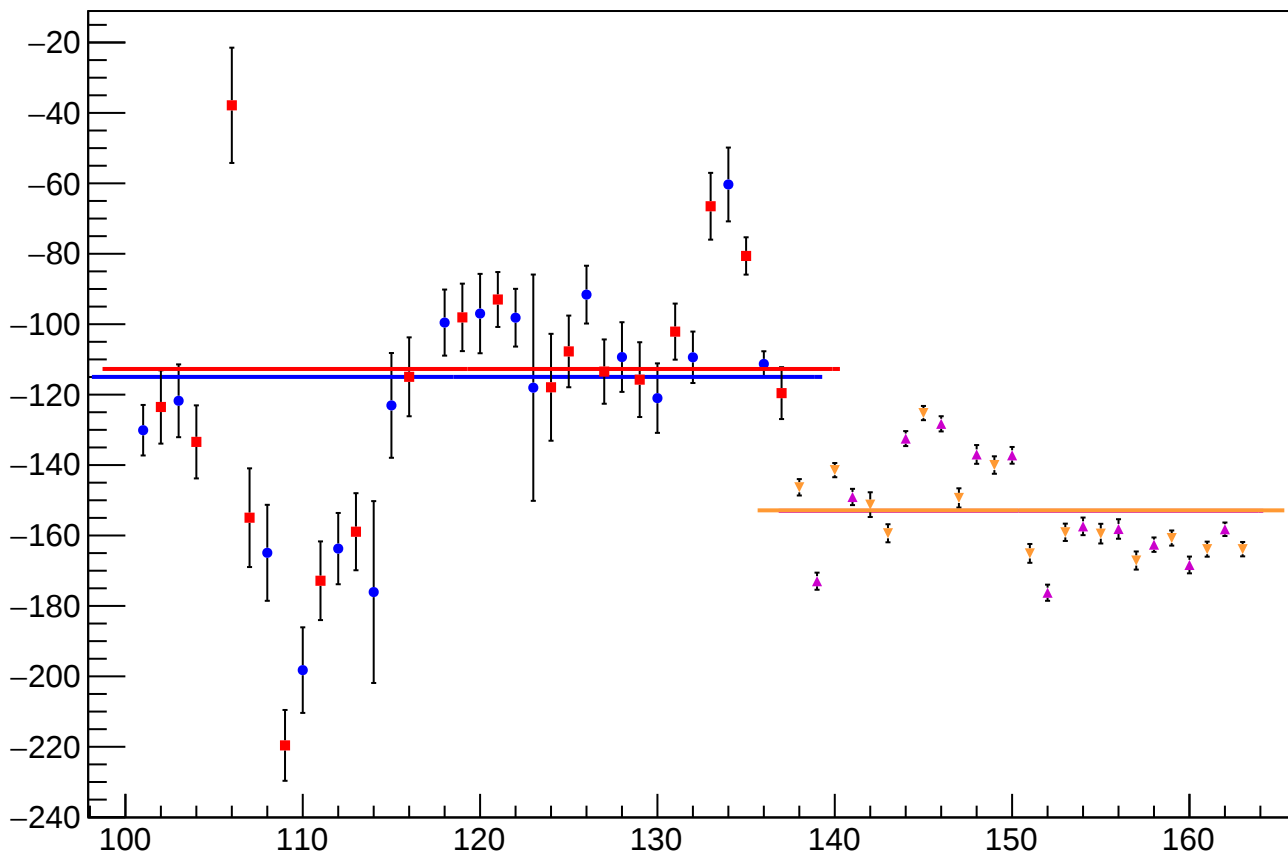
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -33.245 ± 0.441 $\chi^2/\text{NDF}: 2266.8/28$

Out: -32.087 ± 0.424 $\chi^2/\text{NDF}: 1749.0/31$

All: -32.643 ± 0.305 $\chi^2/\text{NDF}: 4019.4/60$

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: -152.862 ± 0.637 $\chi^2/\text{NDF}: 395.5/13$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -152.998 ± 0.662 $\chi^2/\text{NDF}: 555.6/11$

Left: -152.927 ± 0.459 $\chi^2/\text{NDF}: 951.2/25$

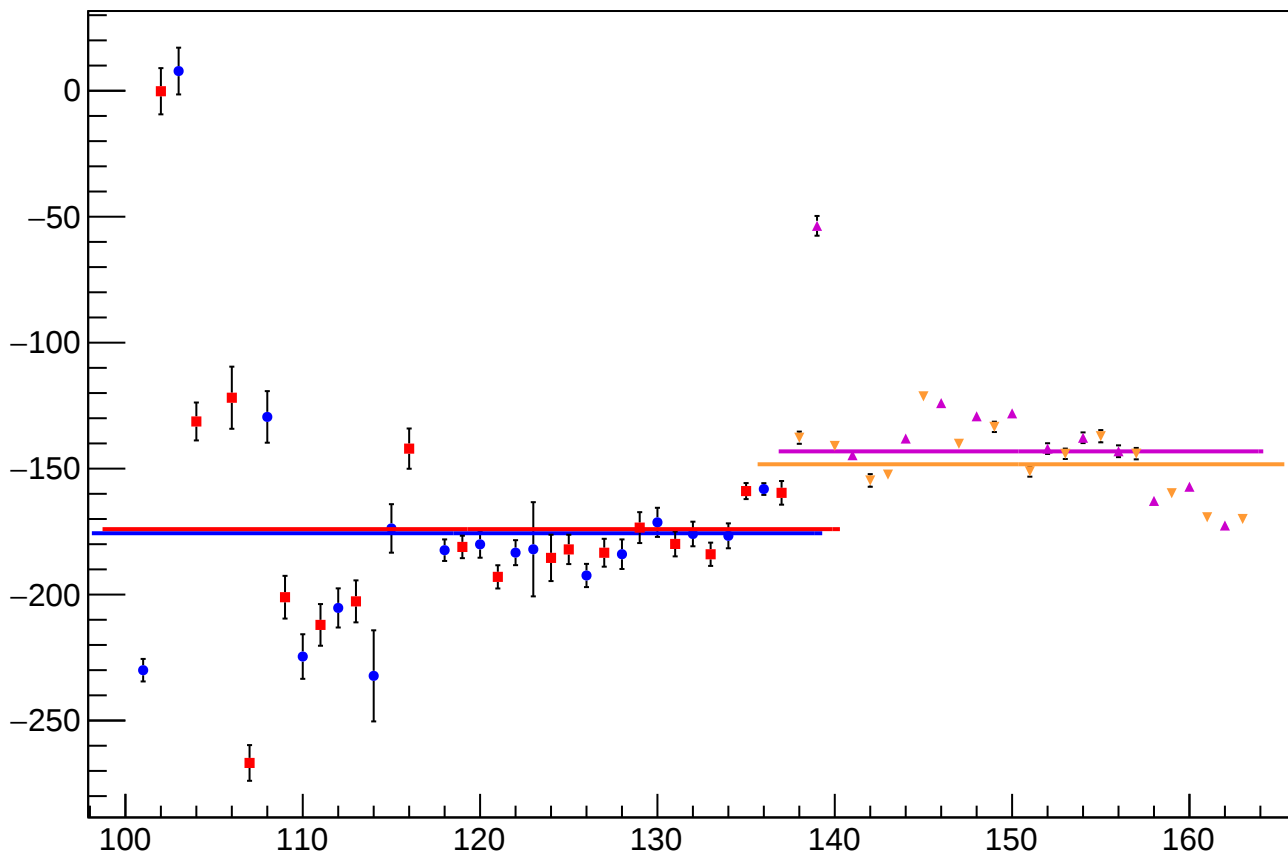
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -149.482 ± 0.631 $\chi^2/\text{NDF}: 1002.0/28$

Out: -149.785 ± 0.612 $\chi^2/\text{NDF}: 967.3/31$

All: -149.638 ± 0.439 $\chi^2/\text{NDF}: 1969.4/60$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -148.274 ± 0.528 χ^2/NDF : 750.7/13

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -143.156 ± 0.556 χ^2/NDF : 1292.0/11

Left: -145.848 ± 0.383 χ^2/NDF : 2087.2/25

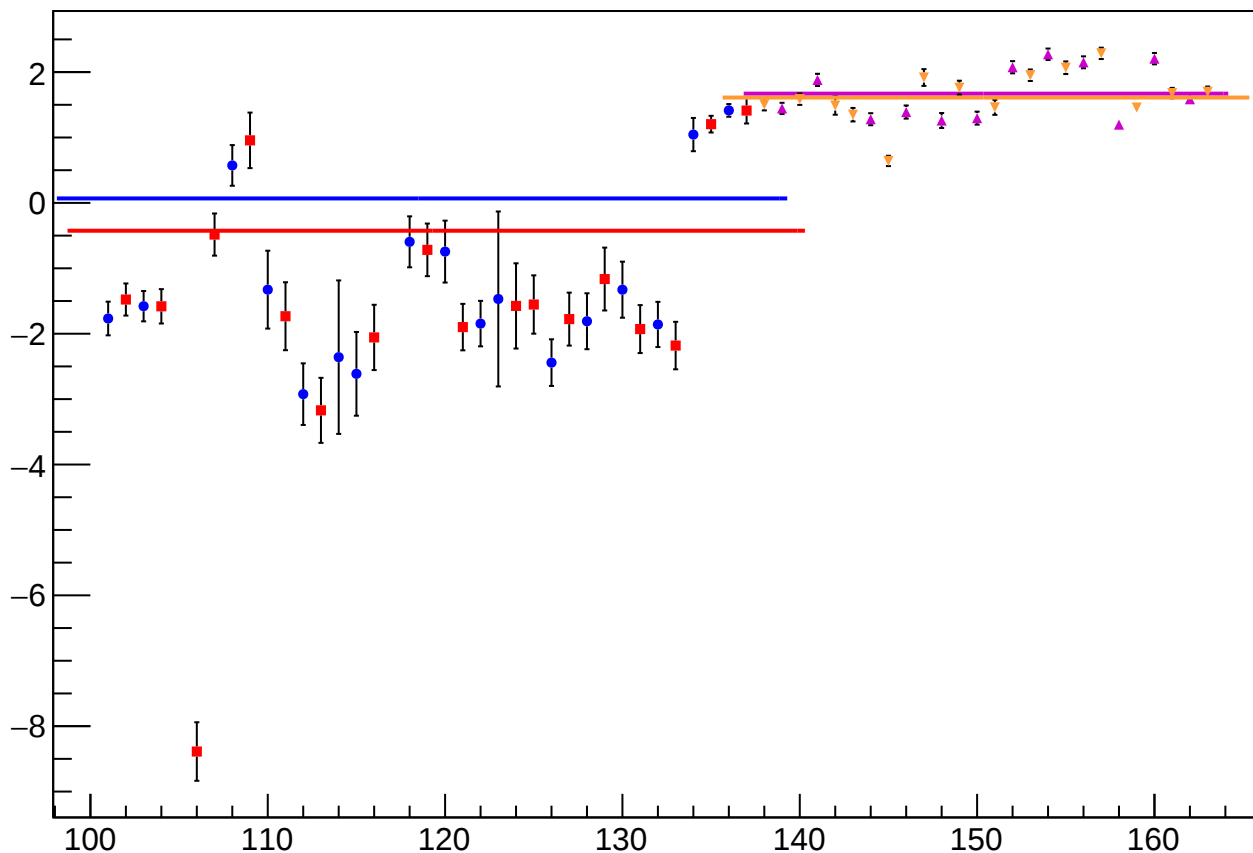
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -148.392 ± 0.509 χ^2/NDF : 2534.0/28

Out: -151.666 ± 0.492 χ^2/NDF : 1767.7/31

All: -150.086 ± 0.354 χ^2/NDF : 4323.1/60

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.611 ± 0.025 χ^2/NDF : 271.7/13

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.671 ± 0.026 χ^2/NDF : 239.3/11

Left: 1.640 ± 0.018 χ^2/NDF : 513.7/25

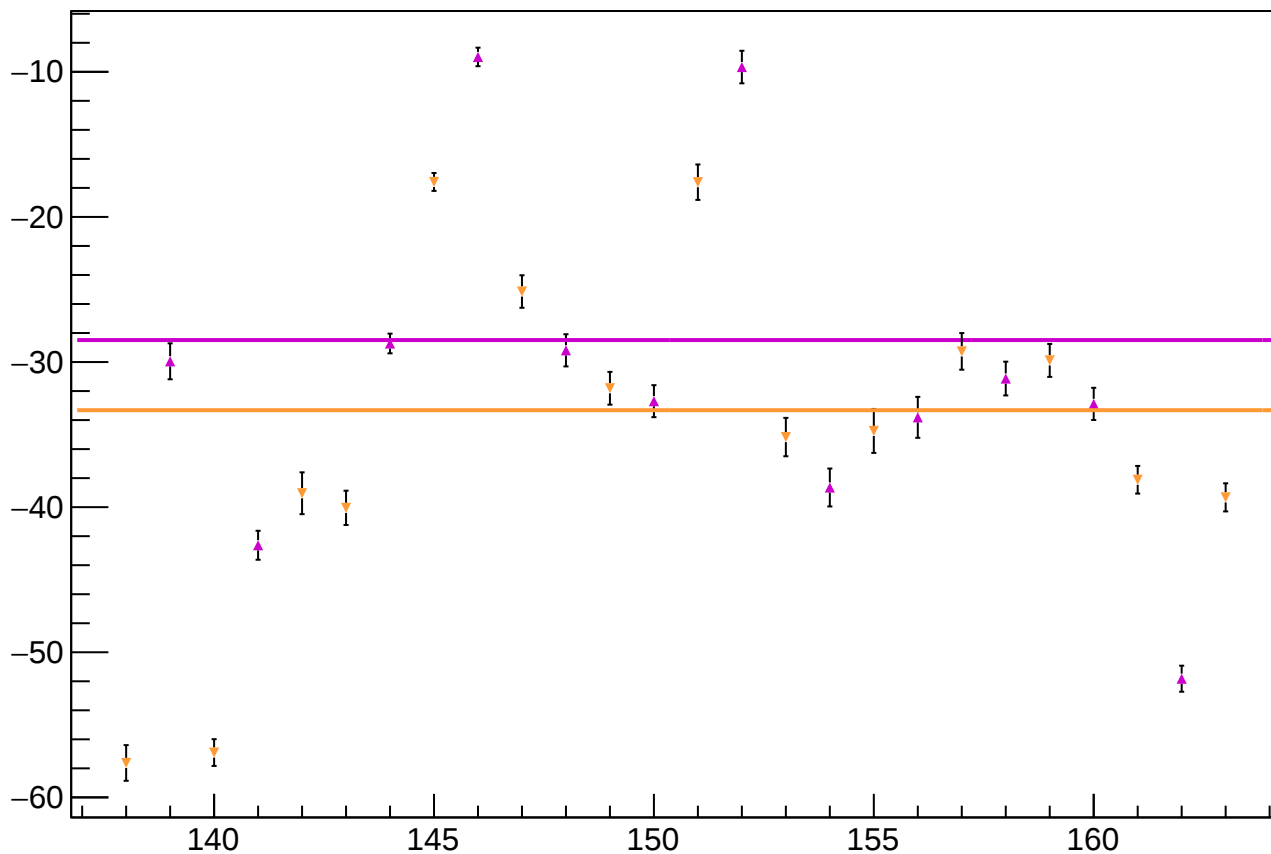
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.464 ± 0.024 χ^2/NDF : 1263.2/28

Out: 1.390 ± 0.023 χ^2/NDF : 1742.8/31

All: 1.426 ± 0.017 χ^2/NDF : 3010.8/60

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Left: -30.892+/-0.200 χ^2/NDF : 4400.1/25

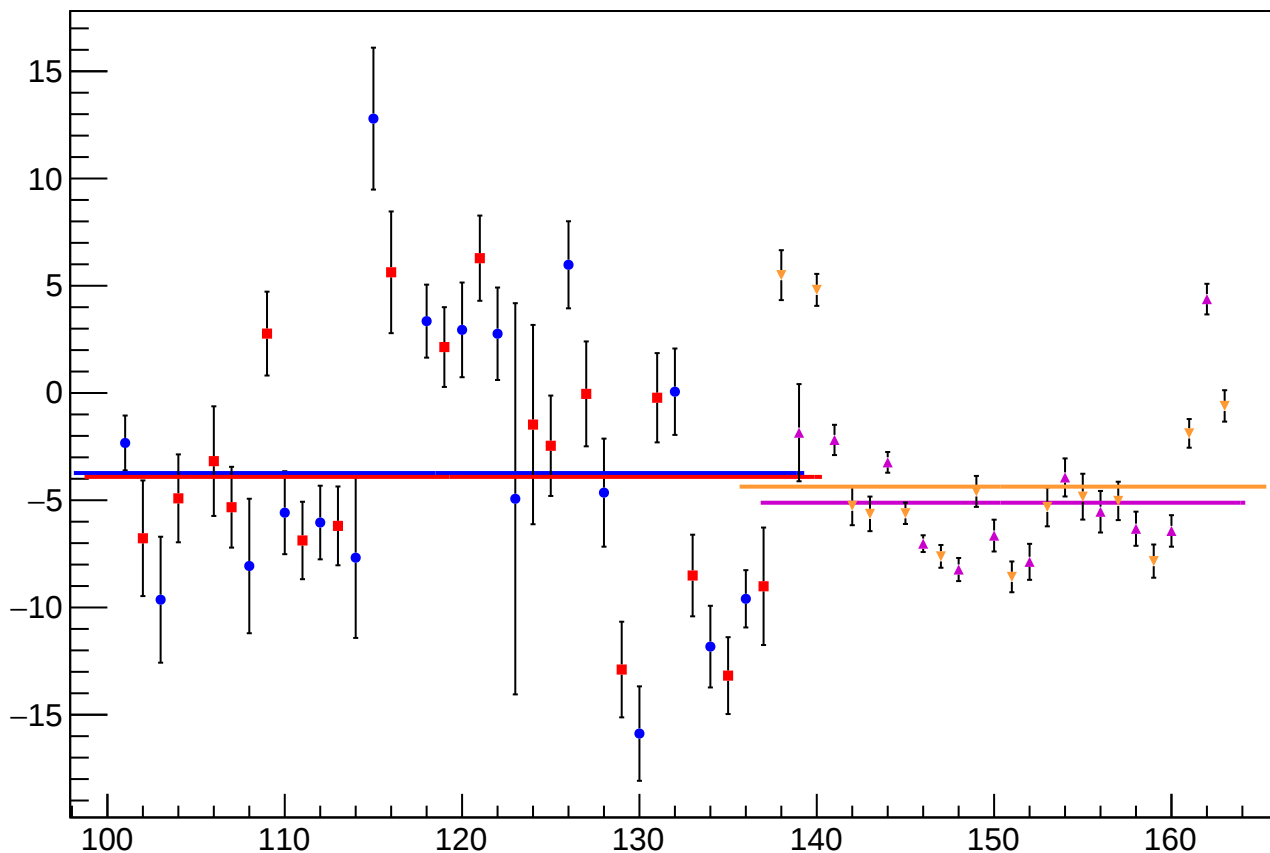
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

All: -30.892+/-0.200 χ^2/NDF : 4400.1/25

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.366 ± 0.197 $\chi^2/\text{NDF}: 367.1/13$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.116 ± 0.191 $\chi^2/\text{NDF}: 291.3/11$

Left: -4.752 ± 0.137 $\chi^2/\text{NDF}: 665.8/25$

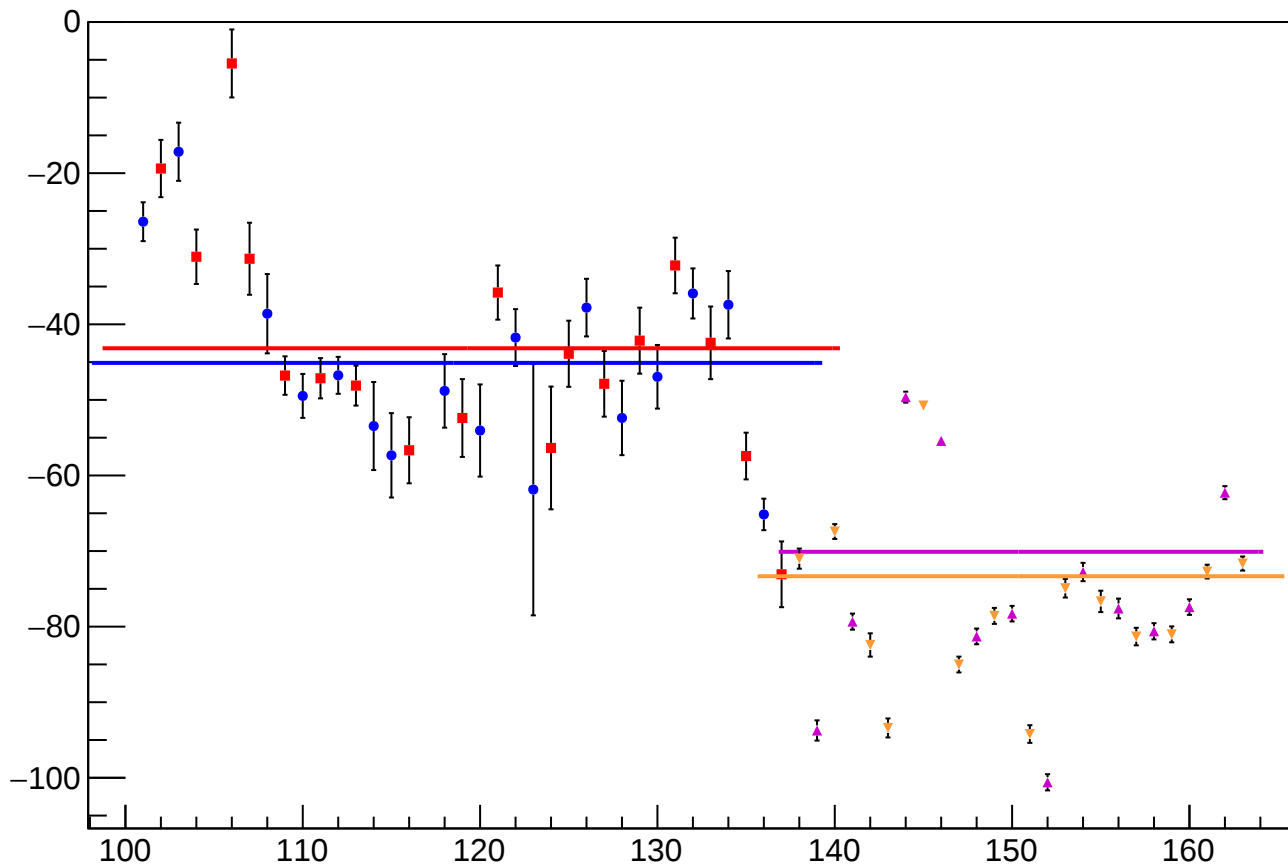
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -4.937 ± 0.178 $\chi^2/\text{NDF}: 463.9/28$

Out: -4.306 ± 0.183 $\chi^2/\text{NDF}: 492.5/31$

All: -4.631 ± 0.128 $\chi^2/\text{NDF}: 962.5/60$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.333 ± 0.281 χ^2/NDF : 2094.7/13

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -70.098 ± 0.276 χ^2/NDF : 3006.5/11

Left: -71.687 ± 0.197 χ^2/NDF : 5168.7/25

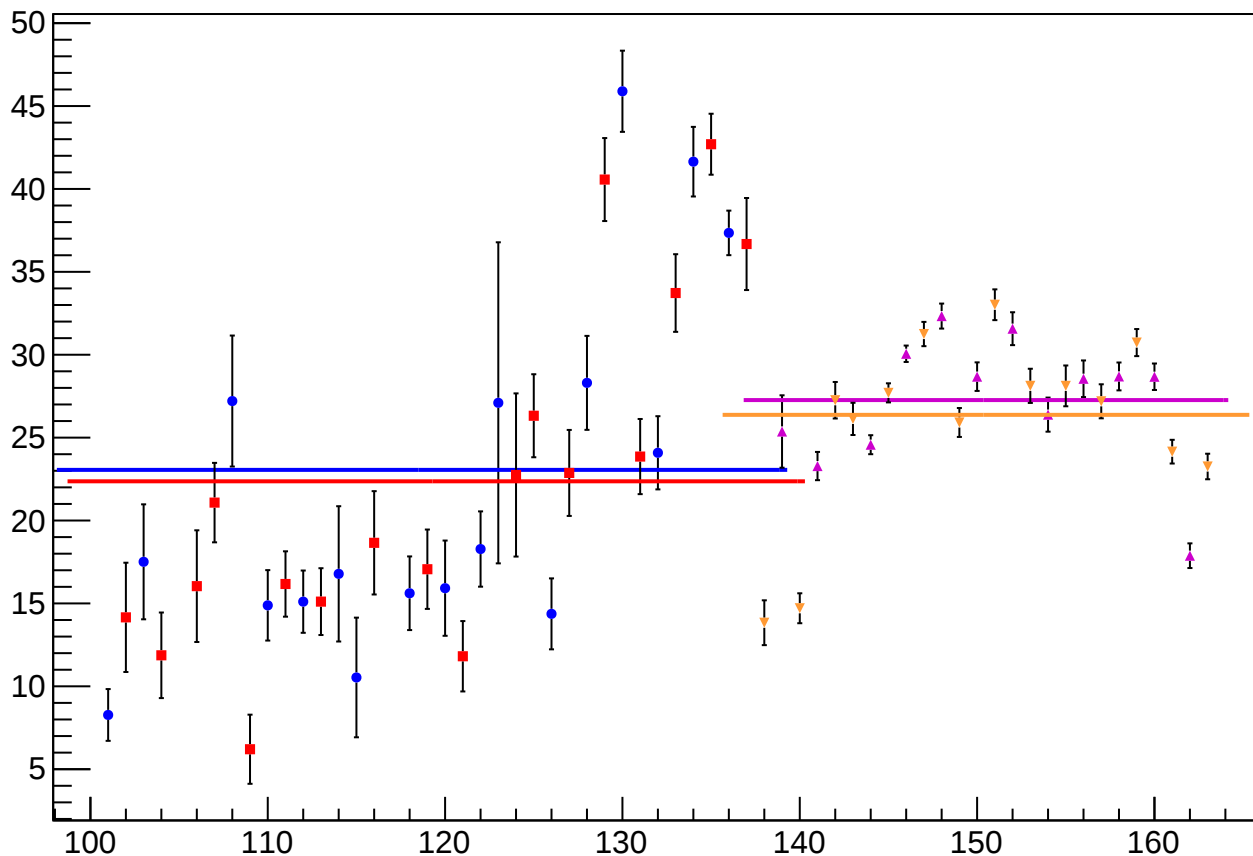
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -67.873 ± 0.263 χ^2/NDF : 3967.8/28

Out: -70.540 ± 0.268 χ^2/NDF : 3395.9/31

All: -69.185 ± 0.188 χ^2/NDF : 7414.1/60

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: 26.374 $\pm$ 0.231 χ^2 /NDF:414.9/13

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 27.265 $\pm$ 0.227 χ^2 /NDF:310.4/11

Left: 26.828 $\pm$ 0.162 χ^2 /NDF: 732.8/25

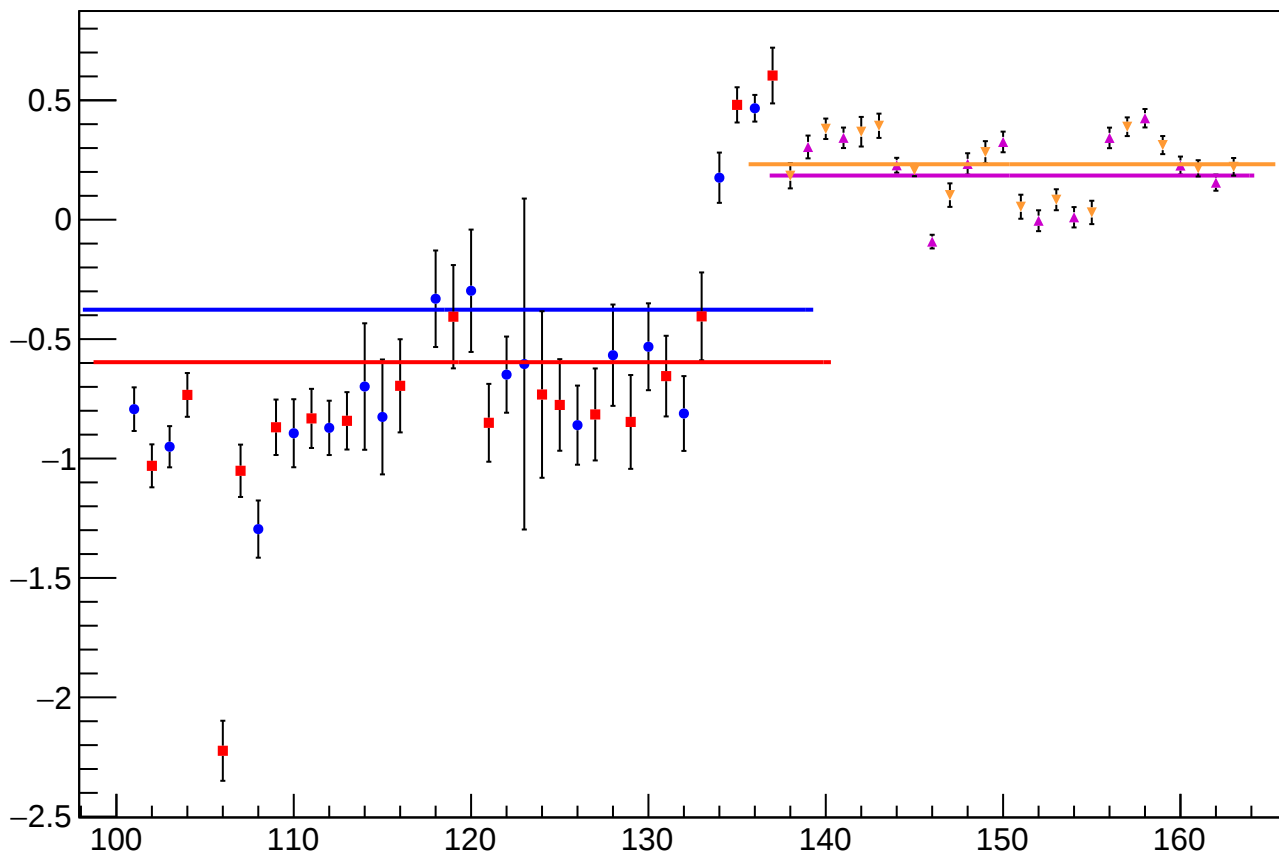
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 26.665 $\pm$ 0.210 χ^2 /NDF:820.5/28

Out: 25.812 $\pm$ 0.214 χ^2 /NDF:825.8/31

All: 26.247 $\pm$ 0.150 χ^2 /NDF: 1654.4/60

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: 0.232 ± 0.011 $\chi^2/\text{NDF}: 98.7/13$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.185 ± 0.011 $\chi^2/\text{NDF}: 216.3/11$

Left: 0.209 ± 0.008 $\chi^2/\text{NDF}: 324.1/25$

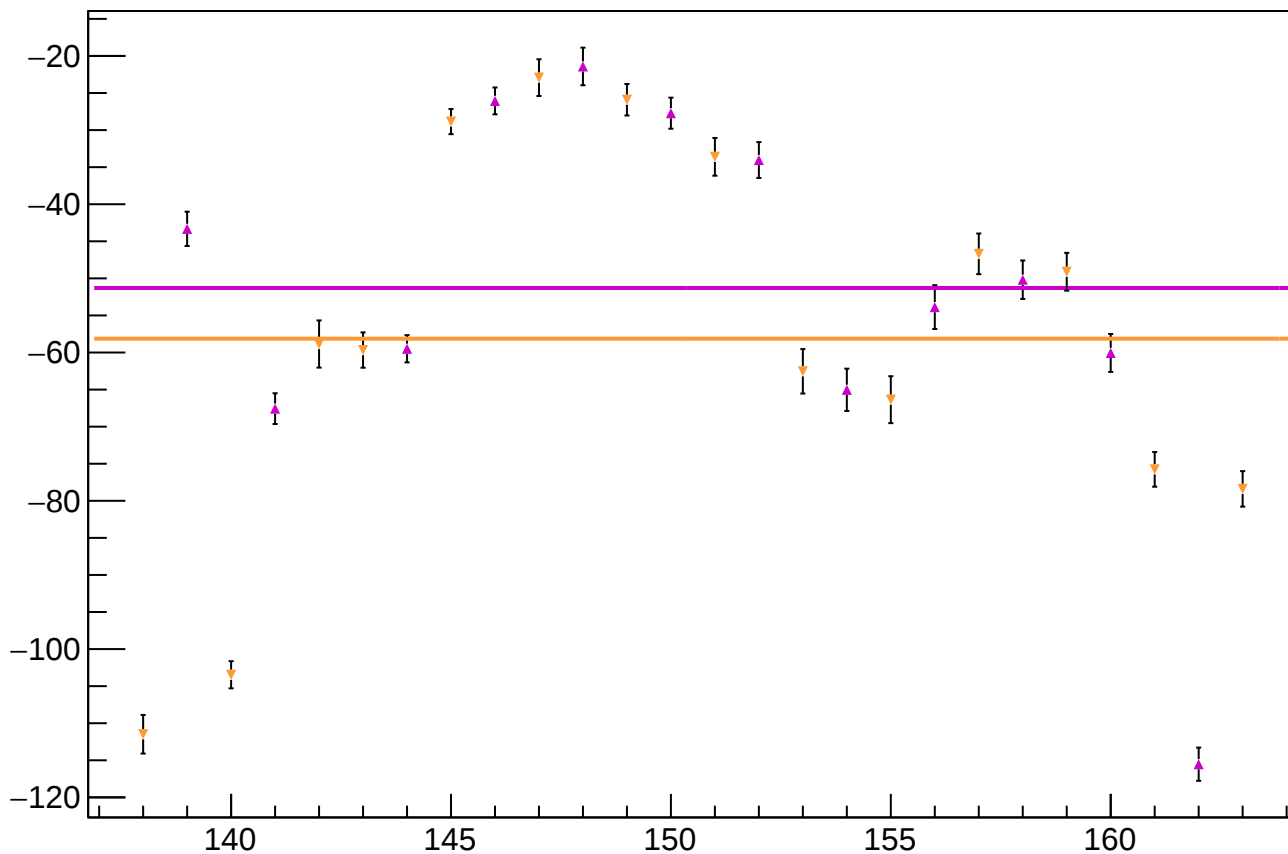
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.118 ± 0.010 $\chi^2/\text{NDF}: 960.3/28$

Out: 0.135 ± 0.010 $\chi^2/\text{NDF}: 1312.7/31$

All: 0.126 ± 0.007 $\chi^2/\text{NDF}: 2274.4/60$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -58.136 ± 0.637 χ^2/NDF : 2022.7/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -51.296 ± 0.657 χ^2/NDF : 1462.8/11

Left: -54.822 ± 0.458 χ^2/NDF : 3541.3/25

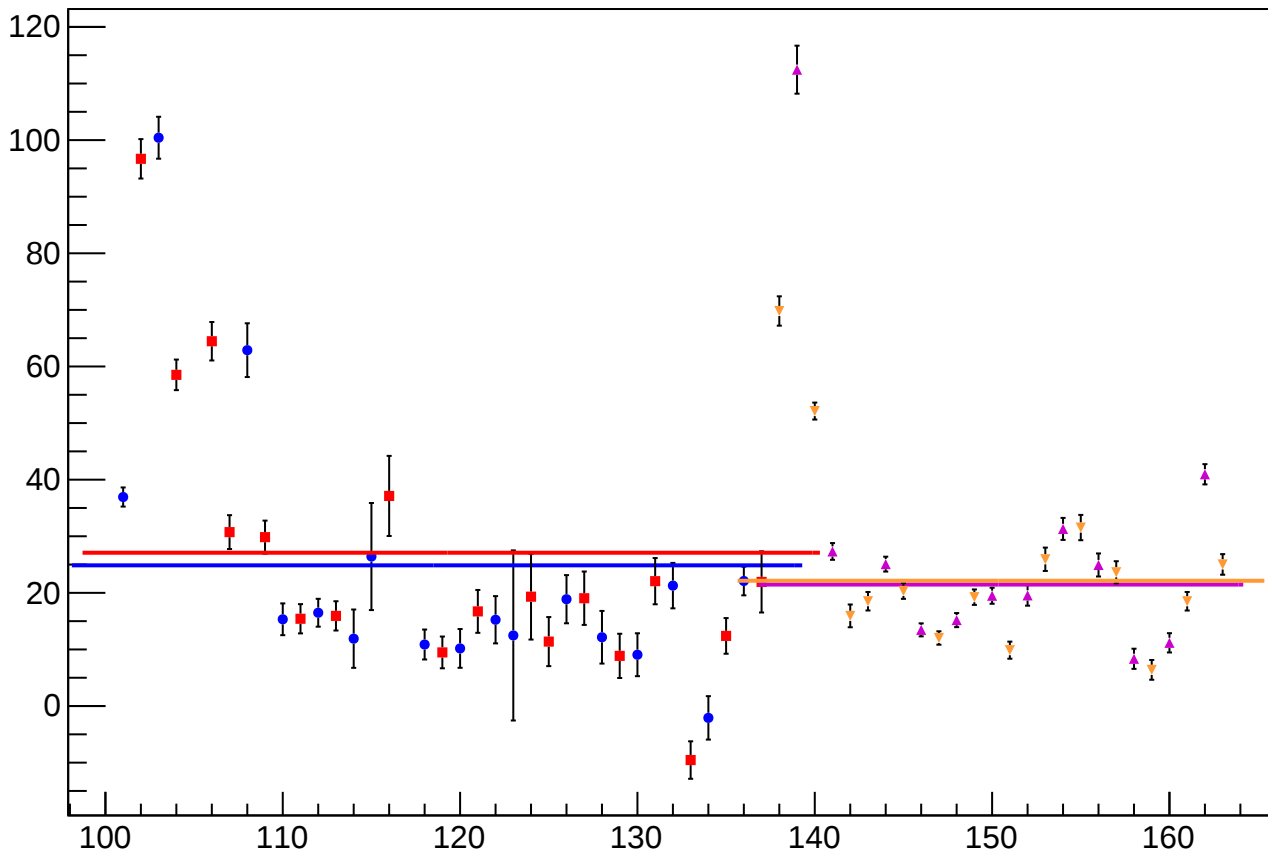
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -51.296 ± 0.657 χ^2/NDF : 1462.8/11

Out: -58.136 ± 0.637 χ^2/NDF : 2022.7/13

All: -54.822 ± 0.458 χ^2/NDF : 3541.3/25

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 22.139 $\pm$ 0.442 χ^2 /NDF:1007.9/13

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 21.465 $\pm$ 0.458 χ^2 /NDF:798.0/11

Left: 21.813 $\pm$ 0.318 χ^2 /NDF: 1807.0/25

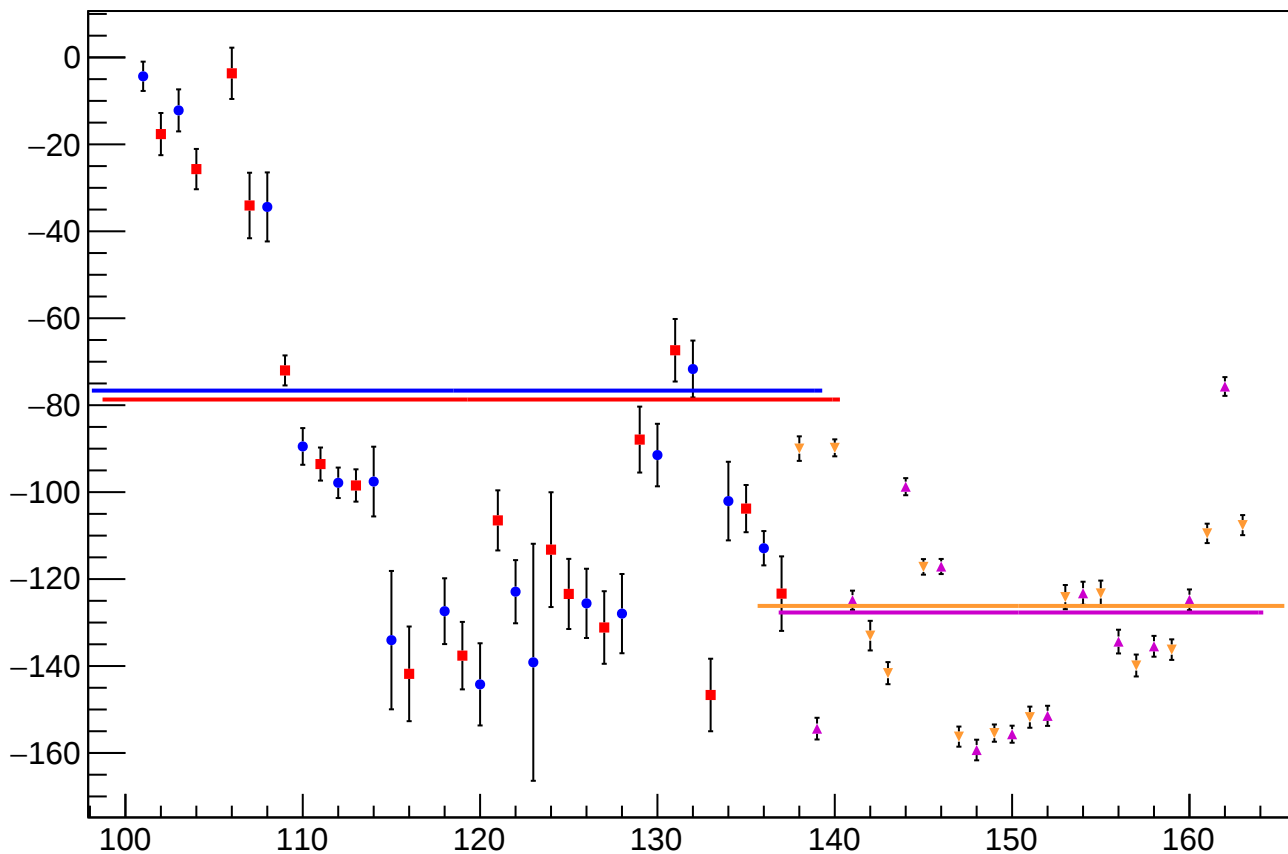
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 22.300 $\pm$ 0.397 χ^2 /NDF:1502.6/28

Out: 23.273 $\pm$ 0.388 χ^2 /NDF:1967.5/31

All: 22.797 $\pm$ 0.278 χ^2 /NDF: 3473.1/60

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -126.172 ± 0.630 χ^2/NDF : 1243.8/13

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -127.688 ± 0.643 χ^2/NDF : 1458.9/11

Left: -126.915 ± 0.450 χ^2/NDF : 2705.5/25

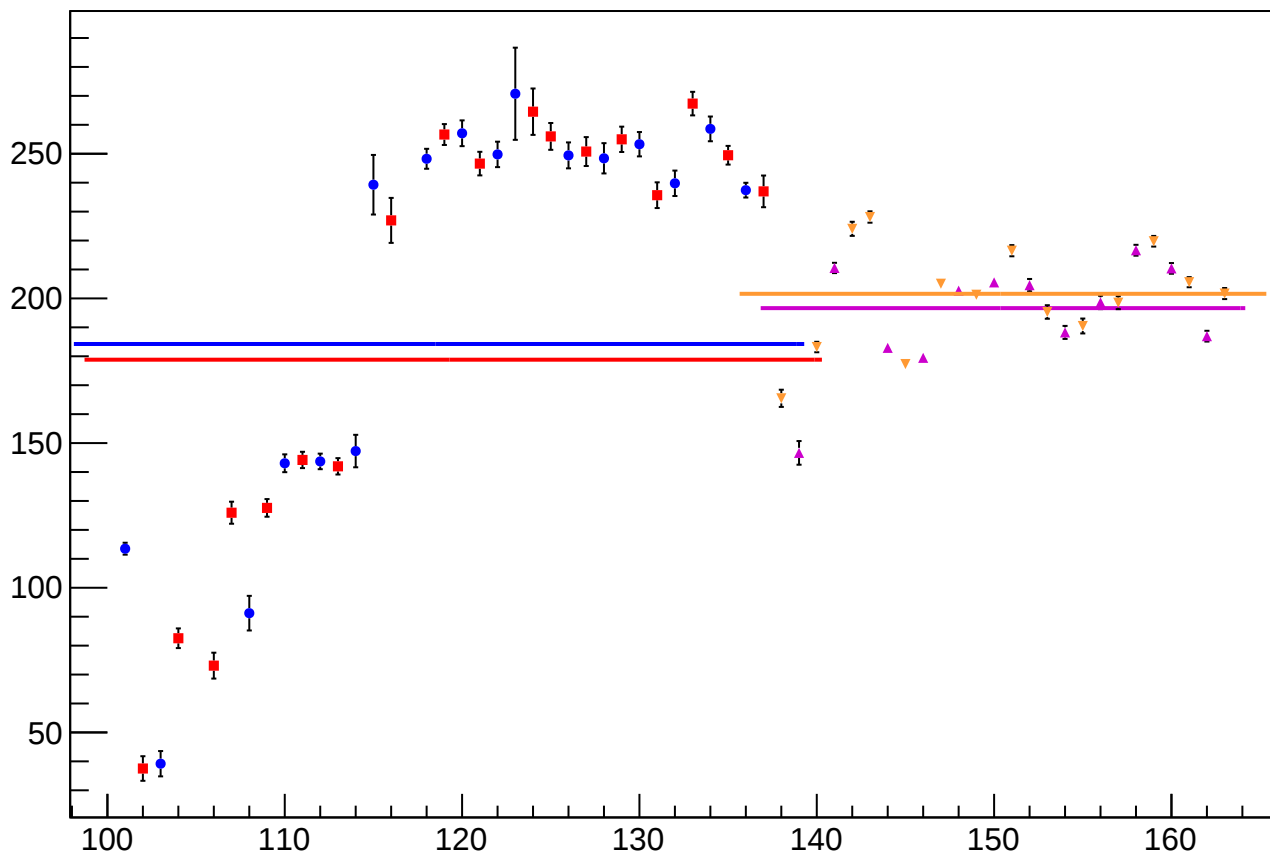
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -118.959 ± 0.585 χ^2/NDF : 3578.8/28

Out: -117.779 ± 0.572 χ^2/NDF : 3083.6/31

All: -118.355 ± 0.409 χ^2/NDF : 6664.5/60

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: 201.593 $\pm$ 0.521 χ^2/NDF : 941.6/13

Right Out: 178.822 $\pm$ 0.926 χ^2/NDF : 6171.0/17

Left In: 196.640 $\pm$ 0.538 χ^2/NDF : 698.2/11

Left: 199.196 $\pm$ 0.375 χ^2/NDF : 1683.5/25

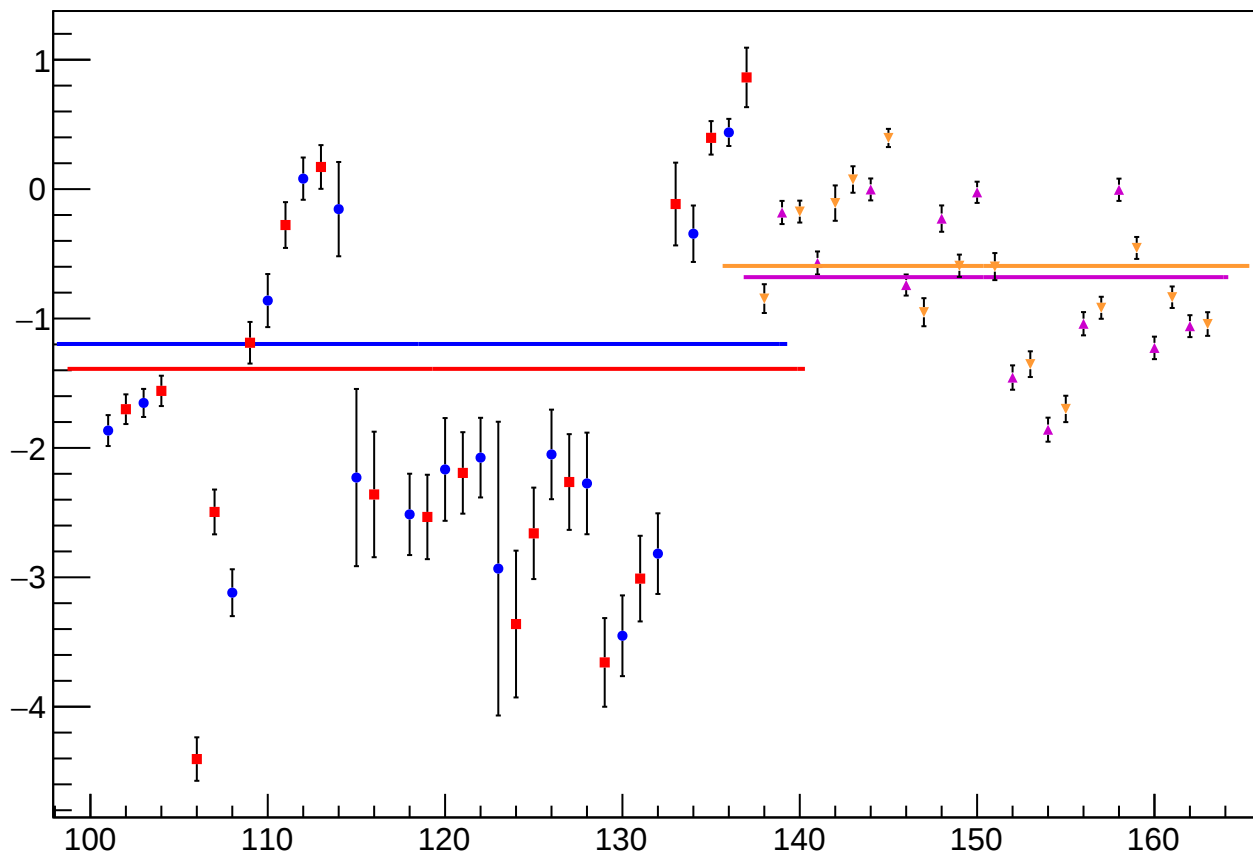
Right: 181.565 $\pm$ 0.651 χ^2/NDF : 11576.9/34

In: 193.454 $\pm$ 0.464 χ^2/NDF : 6223.0/28

Out: 196.108 $\pm$ 0.454 χ^2/NDF : 7571.9/31

All: 194.809 $\pm$ 0.325 χ^2/NDF : 13811.6/60

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.594 ± 0.025 χ^2/NDF : 519.1/13

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.680 ± 0.025 χ^2/NDF : 547.1/11

Left: -0.636 ± 0.018 χ^2/NDF : 1072.2/25

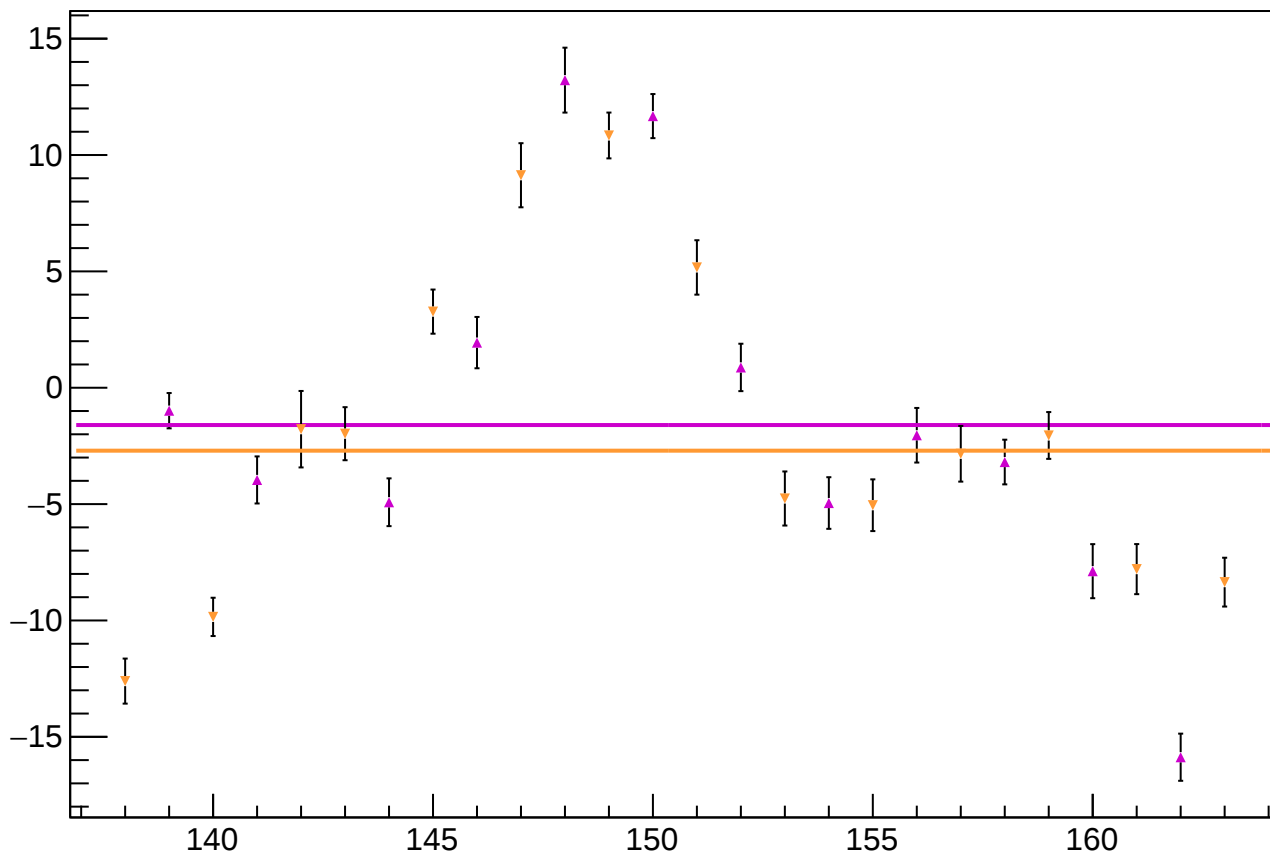
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.793 ± 0.022 χ^2/NDF : 1258.7/28

Out: -0.773 ± 0.022 χ^2/NDF : 1672.4/31

All: -0.783 ± 0.016 χ^2/NDF : 2931.5/60

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.704+/-0.287 χ^2/NDF :588.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.603+/-0.296 χ^2/NDF :581.8/11

Left: -2.169+/-0.206 χ^2/NDF : 1177.3/25

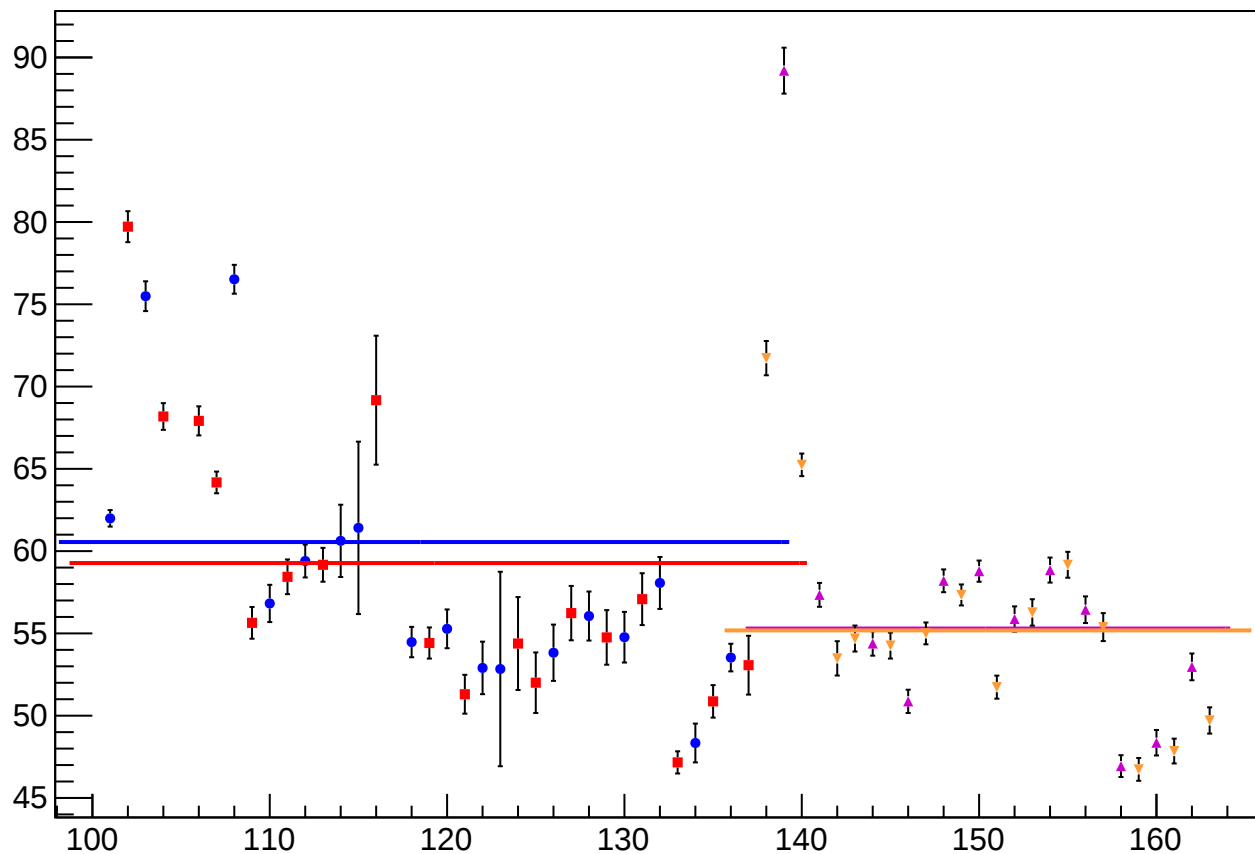
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.603+/-0.296 χ^2/NDF :581.8/11

Out: -2.704+/-0.287 χ^2/NDF :588.4/13

All: -2.169+/-0.206 χ^2/NDF : 1177.3/25

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 55.183 ± 0.205 $\chi^2/\text{NDF}: 824.8/13$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.296 ± 0.218 $\chi^2/\text{NDF}: 956.8/11$

Left: 55.236 ± 0.149 $\chi^2/\text{NDF}: 1781.8/25$

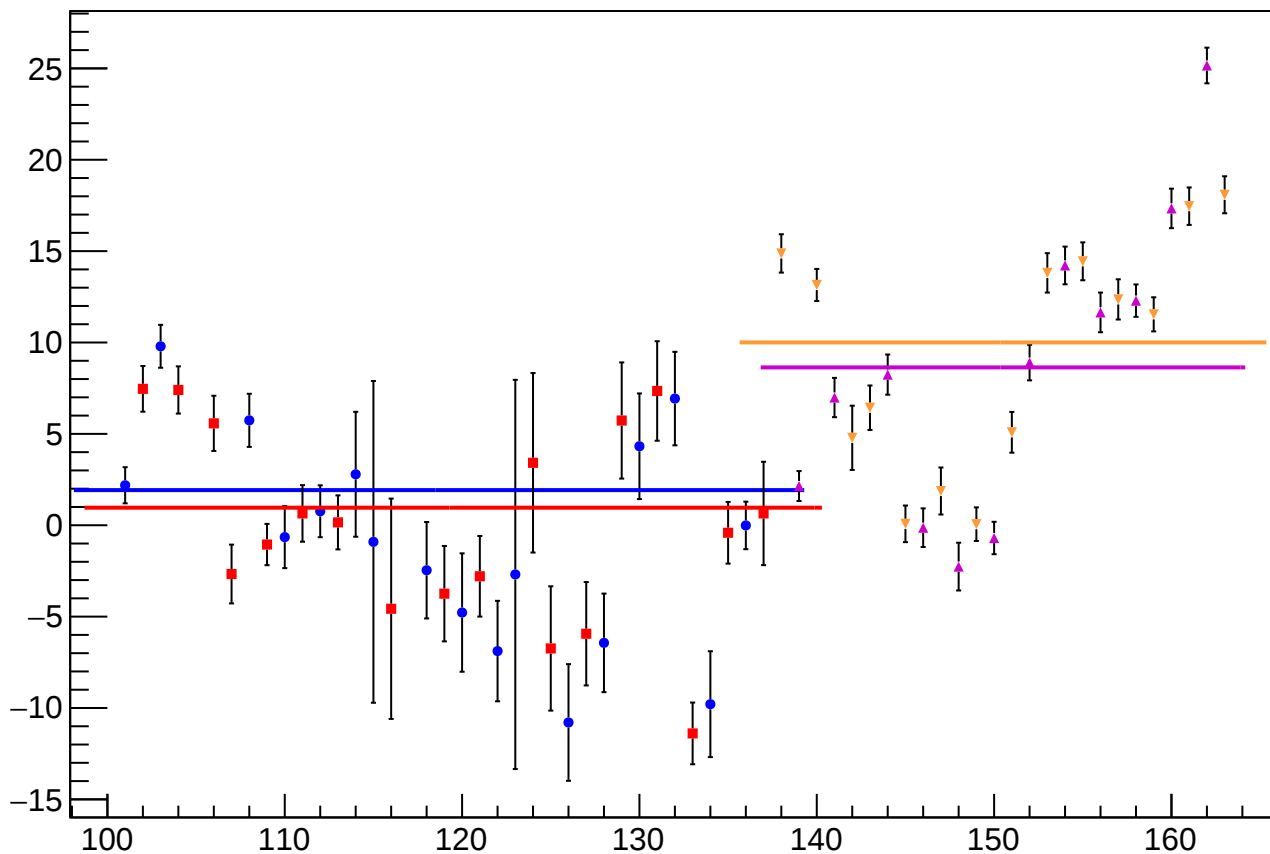
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.443 ± 0.167 $\chi^2/\text{NDF}: 2126.2/28$

Out: 56.834 ± 0.158 $\chi^2/\text{NDF}: 2261.0/31$

All: 57.121 ± 0.115 $\chi^2/\text{NDF}: 4394.2/60$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 10.005 ± 0.283 $\chi^2/\text{NDF}: 480.9/13$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 8.637 ± 0.289 $\chi^2/\text{NDF}: 720.2/11$

Left: 9.336 ± 0.202 $\chi^2/\text{NDF}: 1212.5/25$

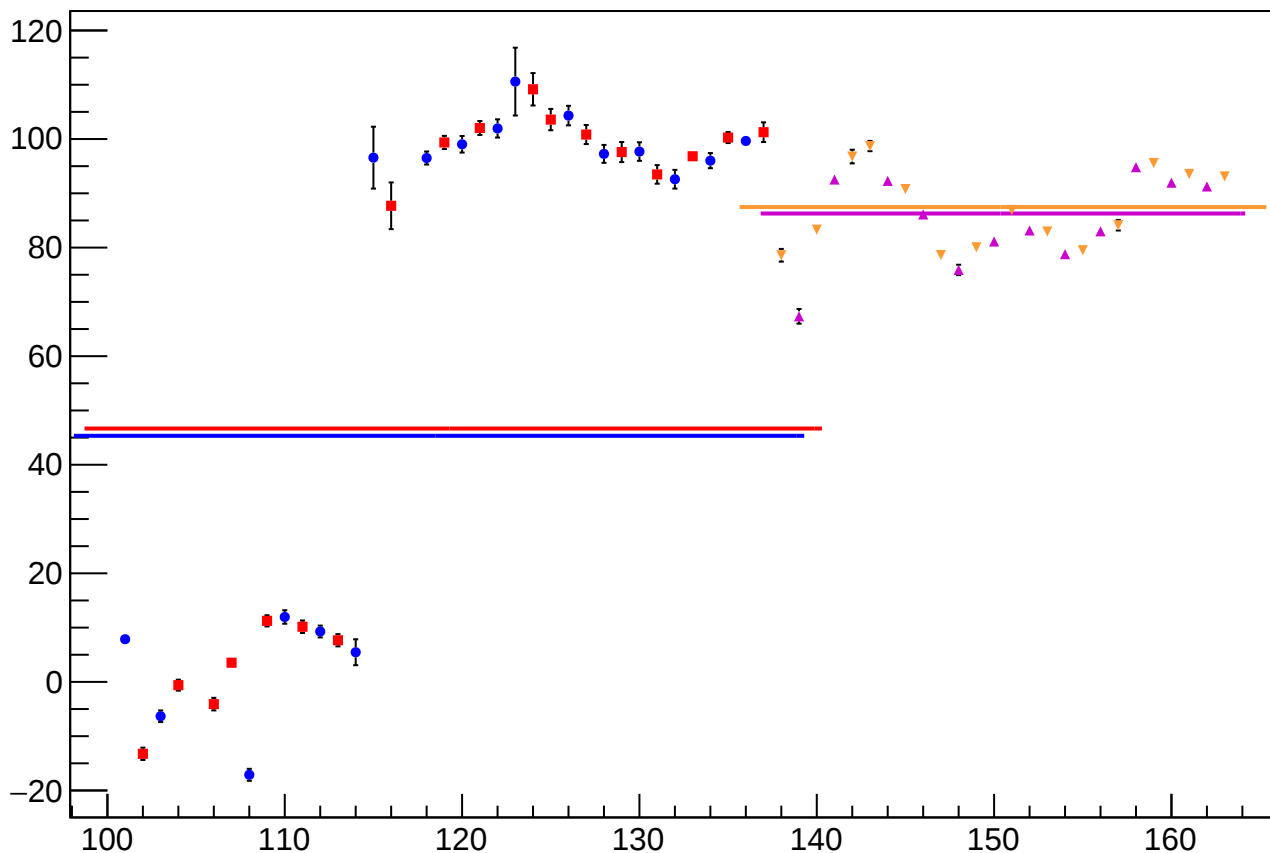
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 6.725 ± 0.245 $\chi^2/\text{NDF}: 994.8/28$

Out: 7.269 ± 0.236 $\chi^2/\text{NDF}: 939.9/31$

All: 7.006 ± 0.170 $\chi^2/\text{NDF}: 1937.2/60$

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: 87.468 $\pm$ 0.238 χ^2 /NDF:821.8/13

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.280 $\pm$ 0.250 χ^2 /NDF:790.2/11

Left: 86.905 $\pm$ 0.172 χ^2 /NDF: 1623.9/25

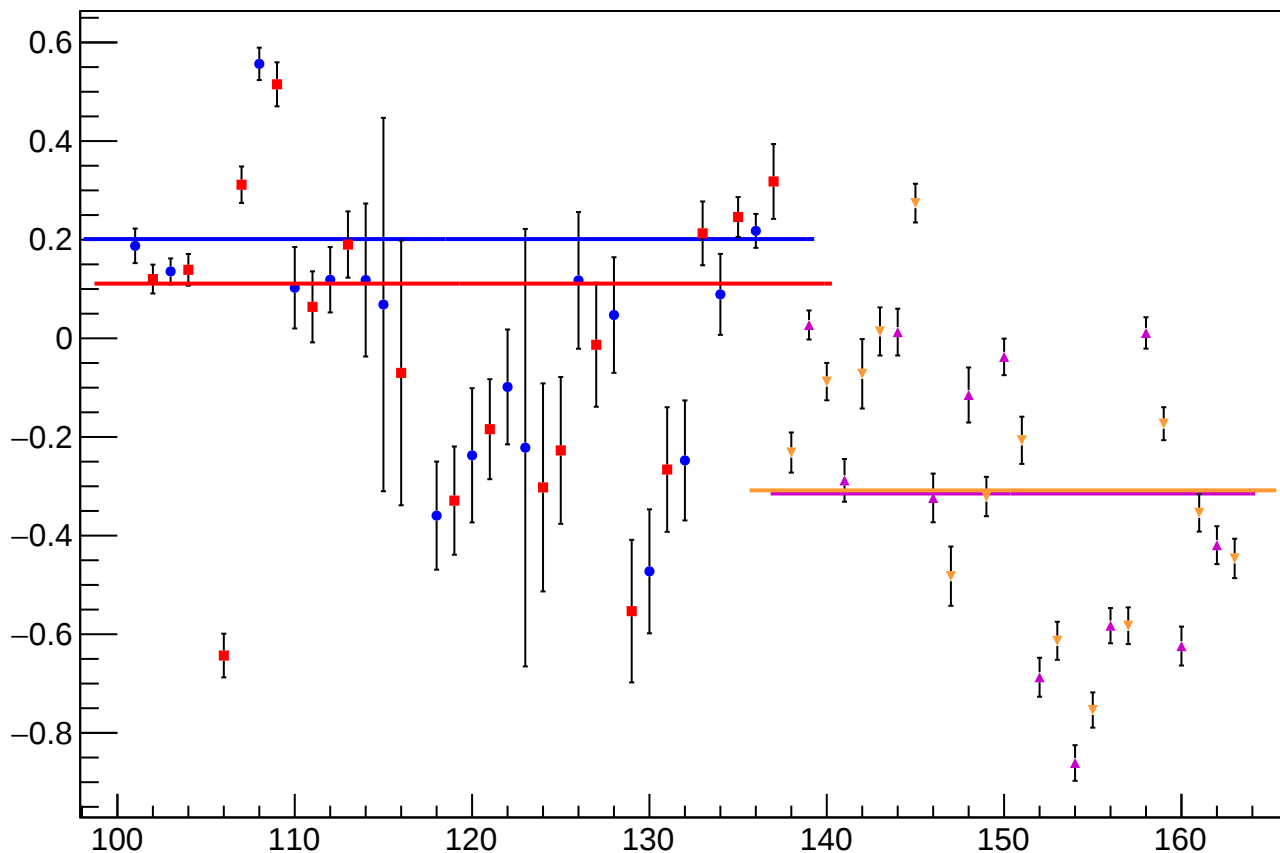
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 69.706 $\pm$ 0.193 χ^2 /NDF:36626.2/28

Out: 71.119 $\pm$ 0.184 χ^2 /NDF:40514.6/31

All: 70.446 $\pm$ 0.133 χ^2 /NDF: 77168.8/60

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.308 ± 0.011 χ^2/NDF : 627.6/13

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.315 ± 0.011 χ^2/NDF : 799.4/11

Left: -0.311 ± 0.008 χ^2/NDF : 1427.2/25

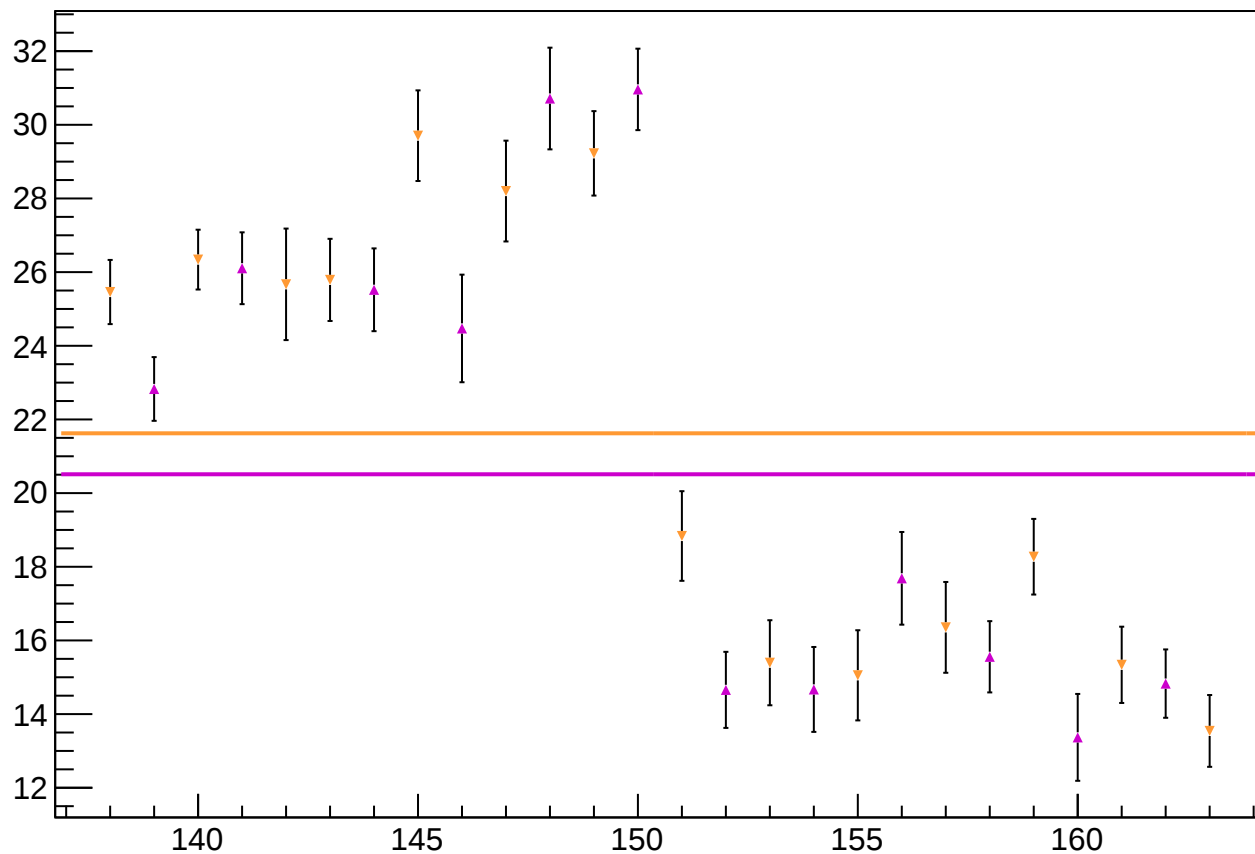
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.116 ± 0.009 χ^2/NDF : 1846.3/28

Out: -0.136 ± 0.008 χ^2/NDF : 1715.3/31

All: -0.126 ± 0.006 χ^2/NDF : 3564.5/60

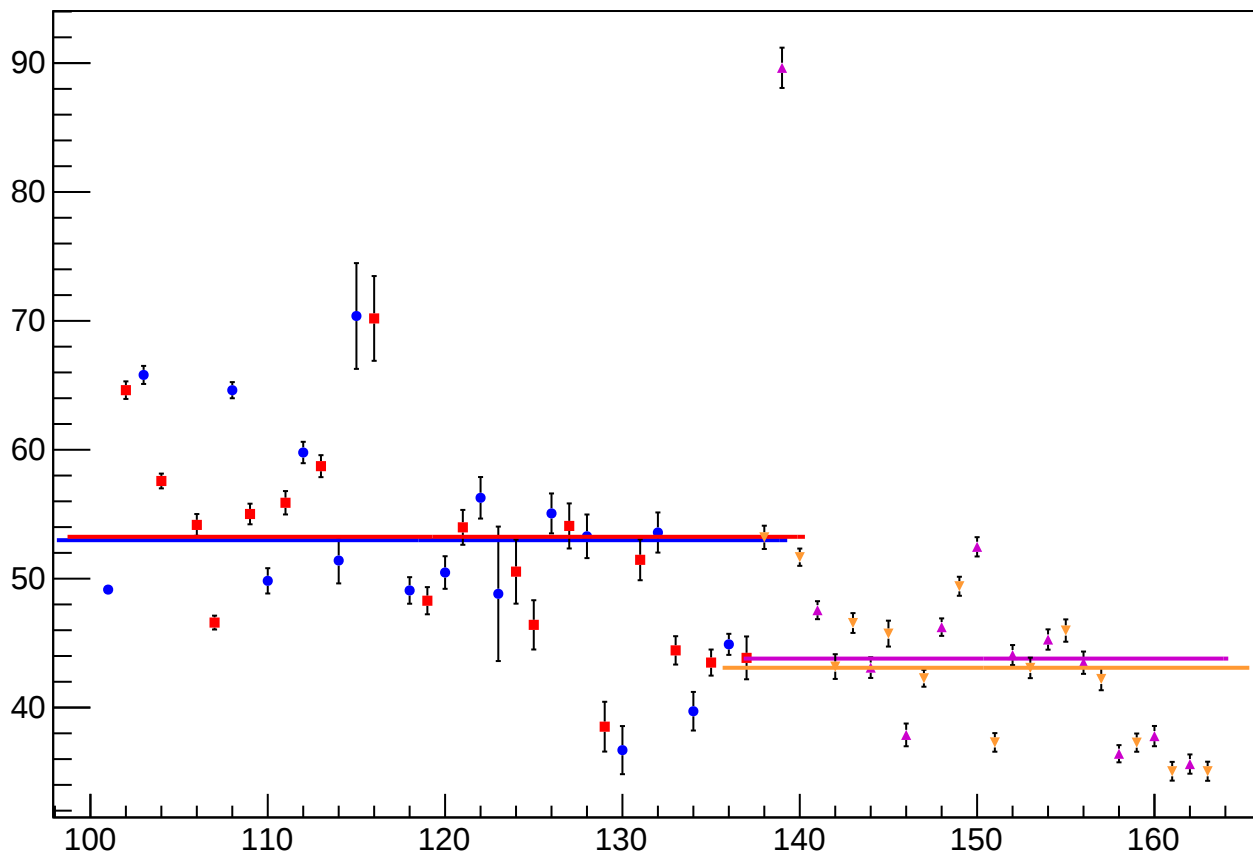
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.511+/-0.312 χ^2/NDF :374.5/11

Left: 21.104+/-0.213 χ^2/NDF : 763.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.511+/-0.312 χ^2/NDF :374.5/11
 Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 All: 21.104+/-0.213 χ^2/NDF : 763.3/25

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 ± 0.210 $\chi^2/\text{NDF}: 1197.9/16$

Left Out: 43.086 ± 0.207 $\chi^2/\text{NDF}: 774.9/13$

Right Out: 53.248 ± 0.227 $\chi^2/\text{NDF}: 856.4/17$

Left In: 43.799 ± 0.226 $\chi^2/\text{NDF}: 1386.4/11$

Left: 43.411 ± 0.153 $\chi^2/\text{NDF}: 2166.7/25$

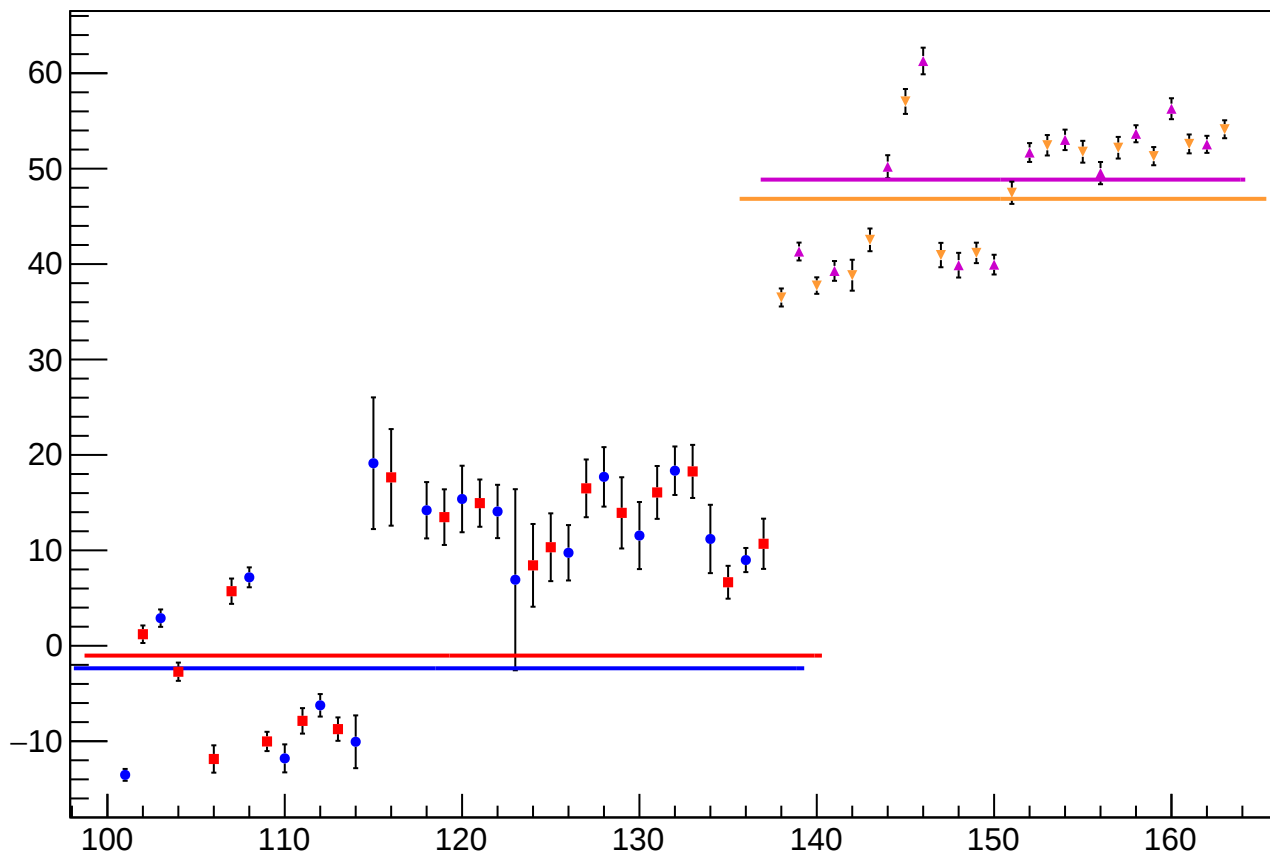
Right: 53.106 ± 0.154 $\chi^2/\text{NDF}: 2055.0/34$

In: 48.729 ± 0.154 $\chi^2/\text{NDF}: 3468.3/28$

Out: 47.702 ± 0.153 $\chi^2/\text{NDF}: 2721.3/31$

All: 48.213 ± 0.109 $\chi^2/\text{NDF}: 6211.9/60$

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 46.837 ± 0.288 χ^2/NDF : 562.7/13

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 48.851 ± 0.305 χ^2/NDF : 468.4/11

Left: 47.789 ± 0.209 χ^2/NDF : 1054.2/25

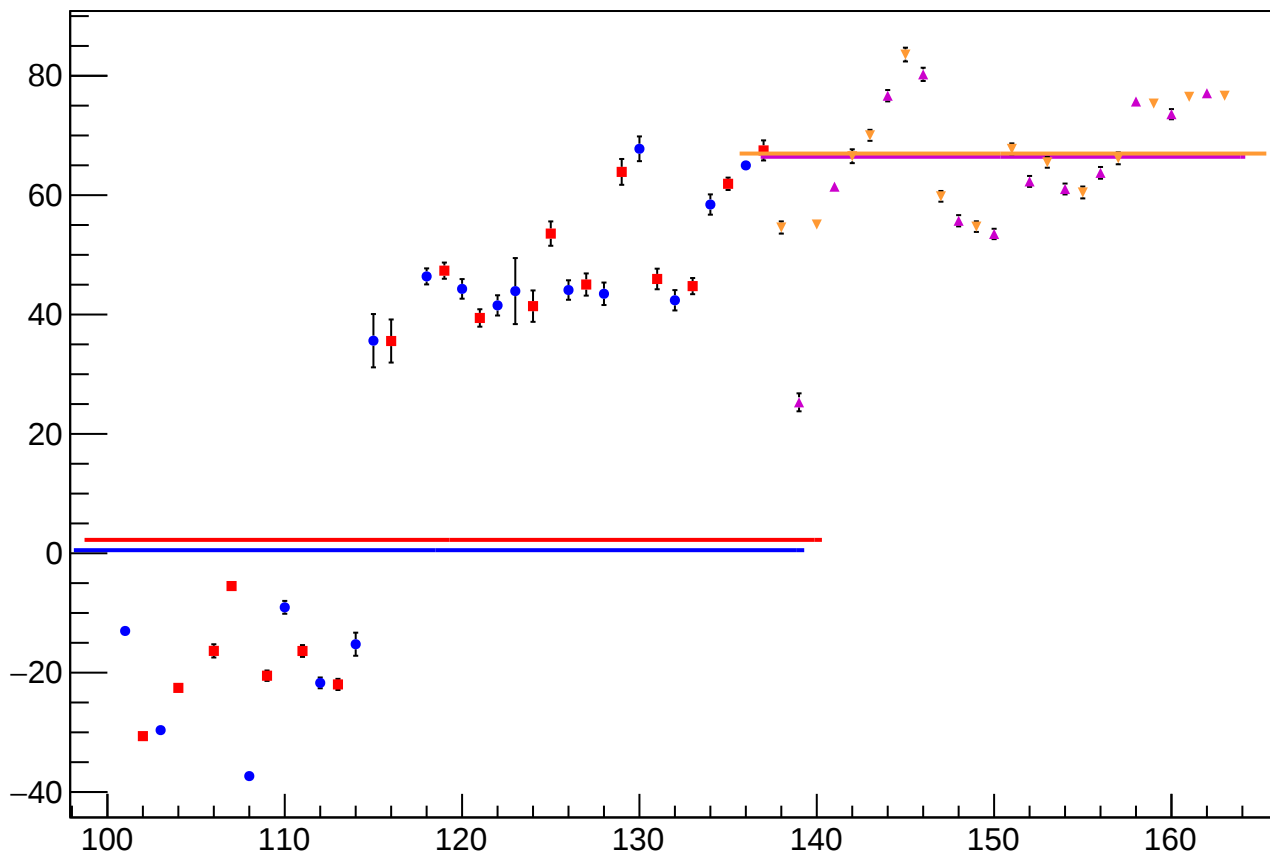
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 27.768 ± 0.234 χ^2/NDF : 12942.2/28

Out: 29.357 ± 0.230 χ^2/NDF : 11128.9/31

All: 28.575 ± 0.164 χ^2/NDF : 24094.6/60

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 66.970 ± 0.241 $\chi^2/\text{NDF}: 1311.2/13$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 66.433 ± 0.261 $\chi^2/\text{NDF}: 1899.7/11$

Left: 66.722 ± 0.177 $\chi^2/\text{NDF}: 3213.2/25$

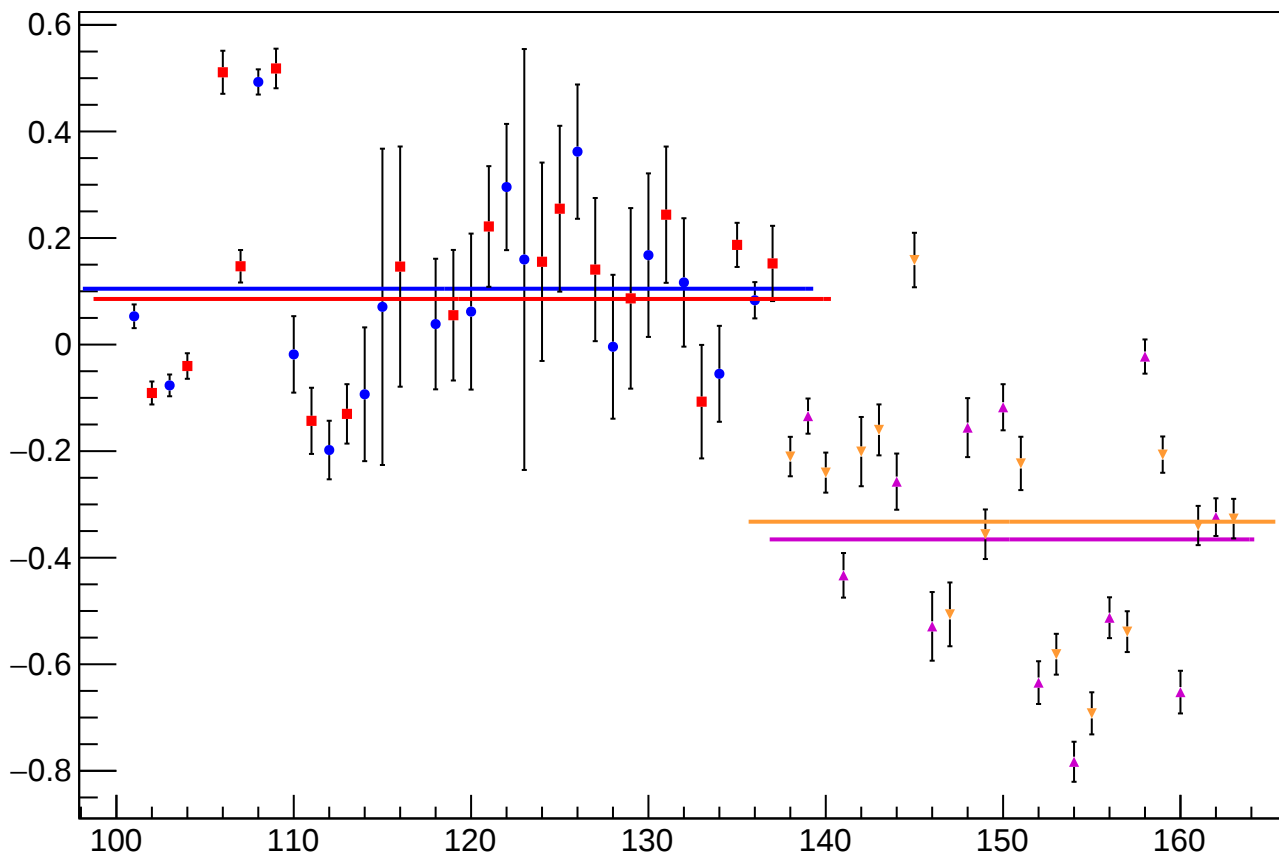
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 31.704 ± 0.179 $\chi^2/\text{NDF}: 53998.8/28$

Out: 37.919 ± 0.179 $\chi^2/\text{NDF}: 48978.2/31$

All: 34.813 ± 0.127 $\chi^2/\text{NDF}: 103578.6/60$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.332 ± 0.011 $\chi^2/\text{NDF}: 307.5/13$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.366 ± 0.012 $\chi^2/\text{NDF}: 459.5/11$

Left: -0.348 ± 0.008 $\chi^2/\text{NDF}: 771.2/25$

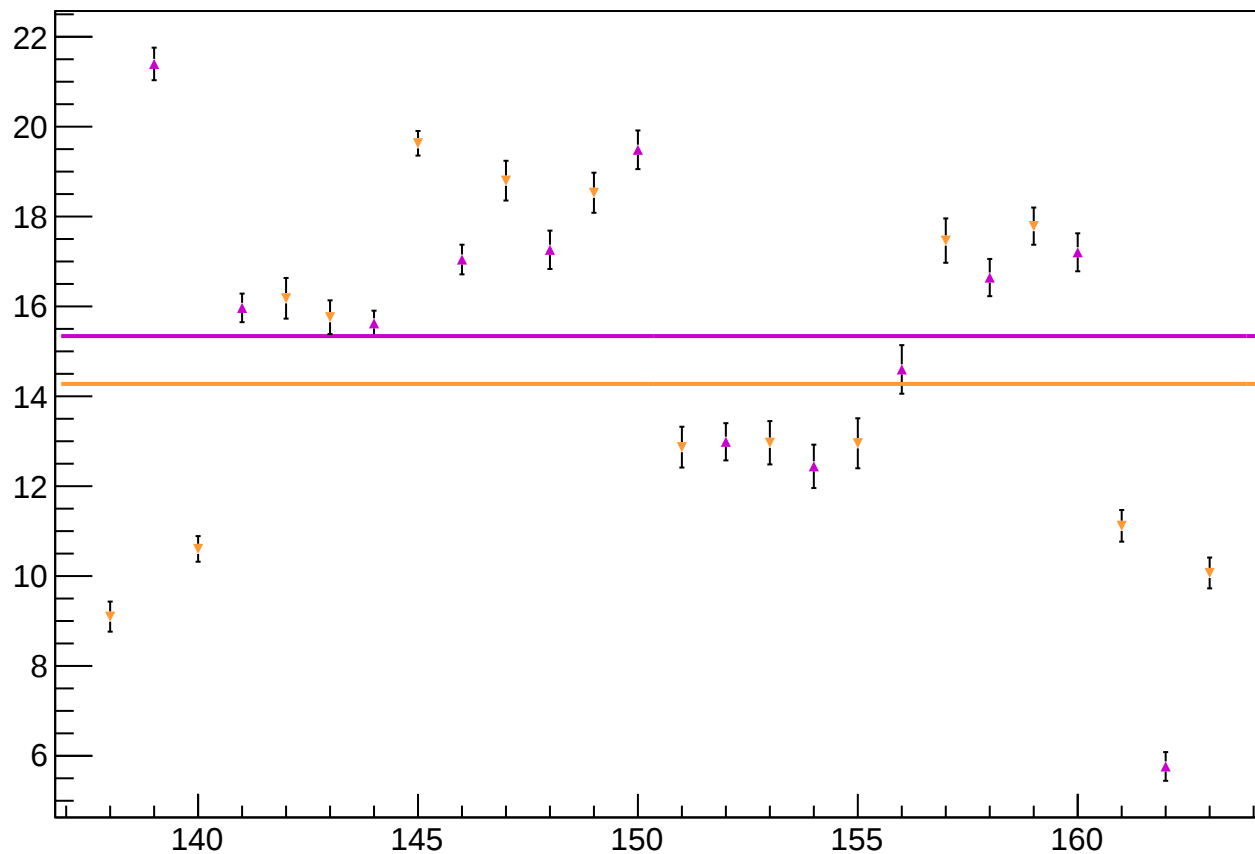
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.117 ± 0.008 $\chi^2/\text{NDF}: 1719.0/28$

Out: -0.121 ± 0.008 $\chi^2/\text{NDF}: 1399.1/31$

All: -0.119 ± 0.006 $\chi^2/\text{NDF}: 3118.3/60$

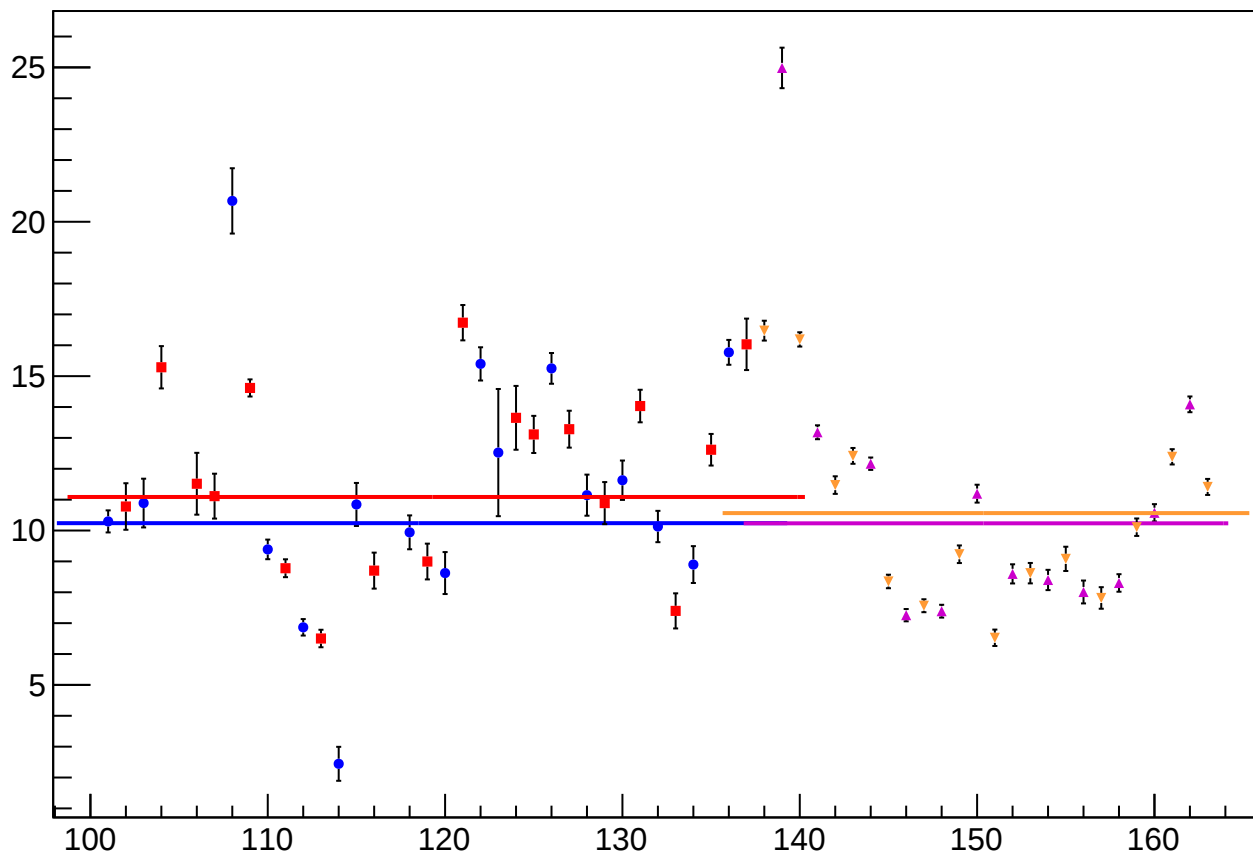
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.275+/-0.102 χ^2/NDF :1382.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 15.340+/-0.108 χ^2/NDF :1423.0/11

Left: 14.777+/-0.074 χ^2/NDF : 2856.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 15.340+/-0.108 χ^2/NDF :1423.0/11
 Out: 14.275+/-0.102 χ^2/NDF :1382.5/13
 All: 14.777+/-0.074 χ^2/NDF : 2856.5/25

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.564 ± 0.072 χ^2/NDF : 1728.9/13

Right Out: 11.087 ± 0.116 χ^2/NDF : 801.0/17

Left In: 10.233 ± 0.076 χ^2/NDF : 1563.3/11

Left: 10.407 ± 0.052 χ^2/NDF : 3302.2/25

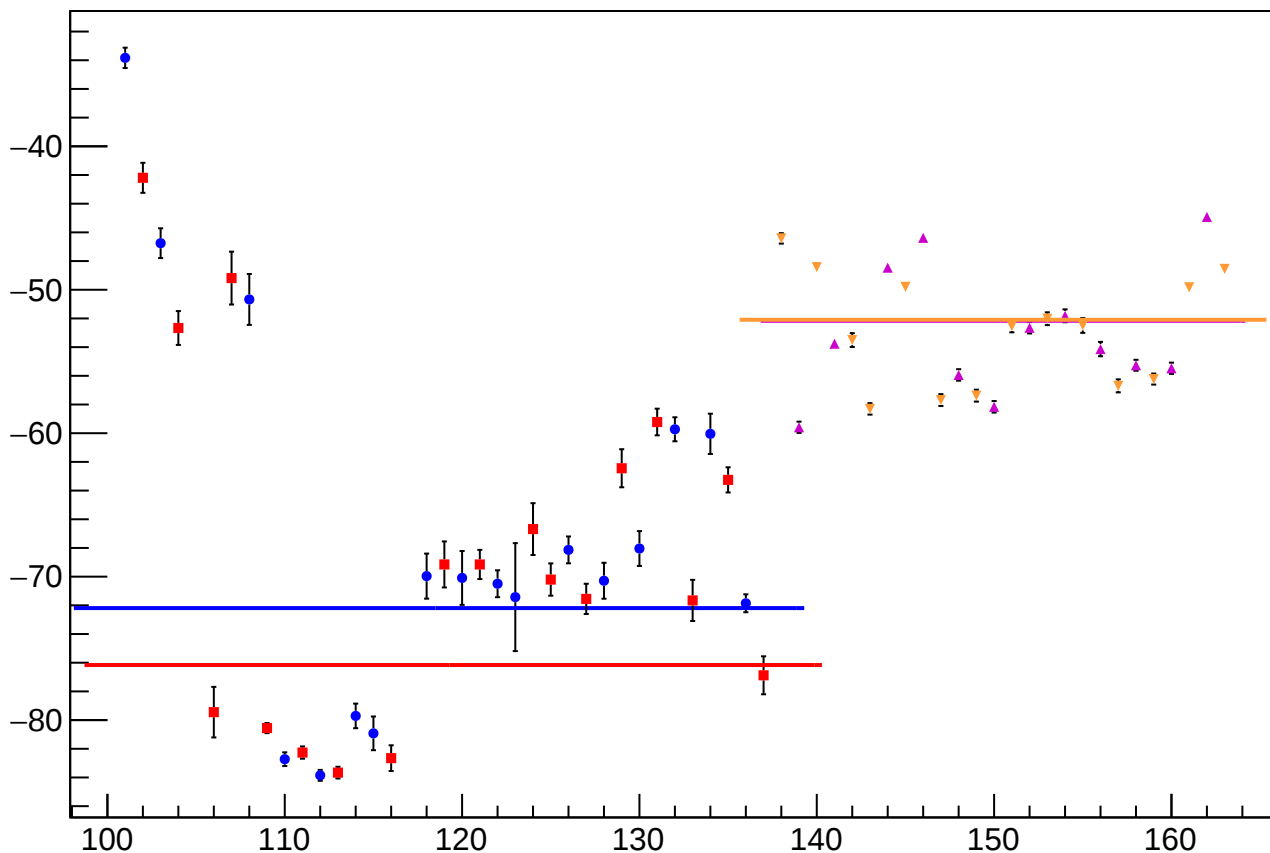
Right: 10.672 ± 0.083 χ^2/NDF : 1694.4/34

In: 10.235 ± 0.064 χ^2/NDF : 2430.7/28

Out: 10.709 ± 0.061 χ^2/NDF : 2544.5/31

All: 10.482 ± 0.044 χ^2/NDF : 5003.9/60

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: -52.091 ± 0.102 $\chi^2/\text{NDF}: 1426.7/13$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.163 ± 0.107 $\chi^2/\text{NDF}: 1885.3/11$

Left: -52.125 ± 0.074 $\chi^2/\text{NDF}: 3312.2/25$

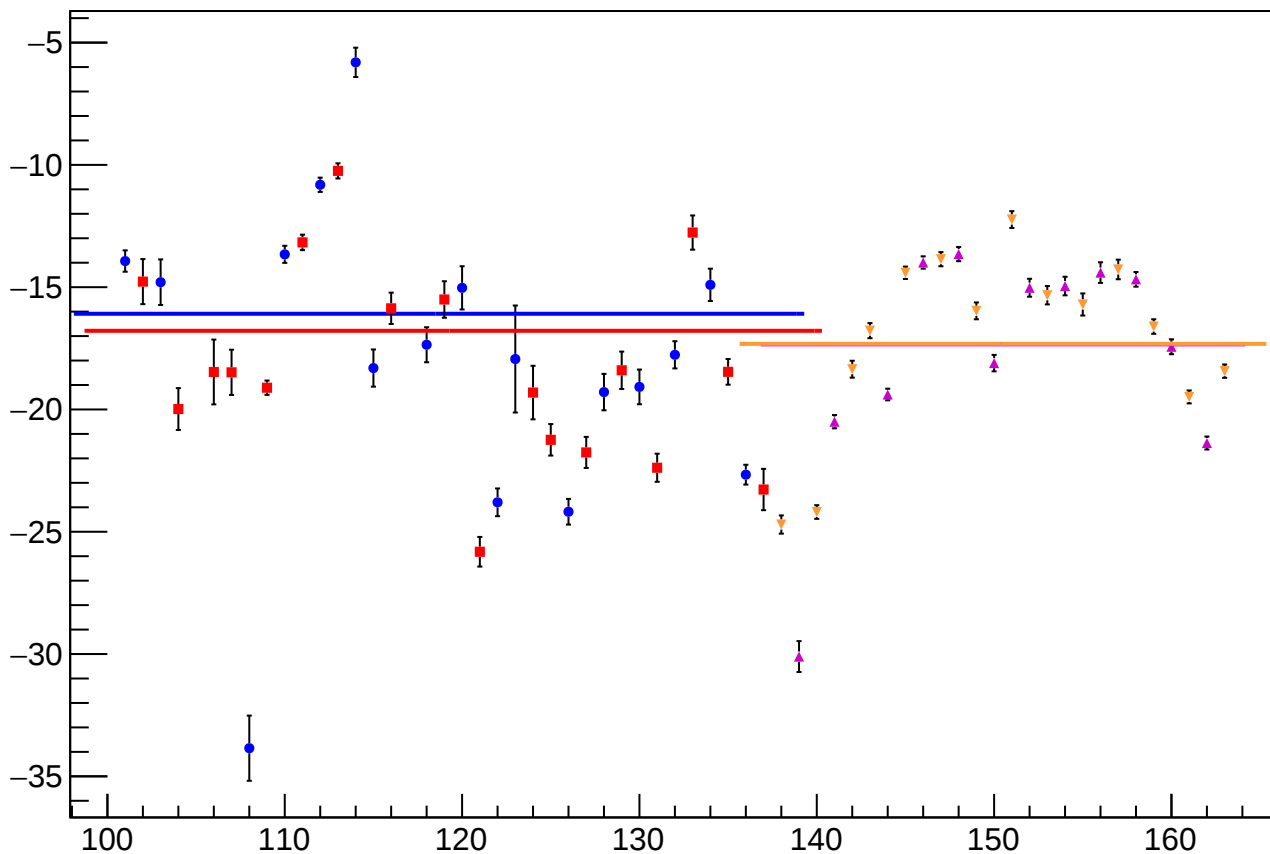
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -56.664 ± 0.094 $\chi^2/\text{NDF}: 15370.5/28$

Out: -57.896 ± 0.089 $\chi^2/\text{NDF}: 18035.9/31$

All: -57.313 ± 0.065 $\chi^2/\text{NDF}: 33496.9/60$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.317 ± 0.084 χ^2/NDF : 1705.0/13

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.339 ± 0.089 χ^2/NDF : 1396.3/11

Left: -17.328 ± 0.061 χ^2/NDF : 3101.3/25

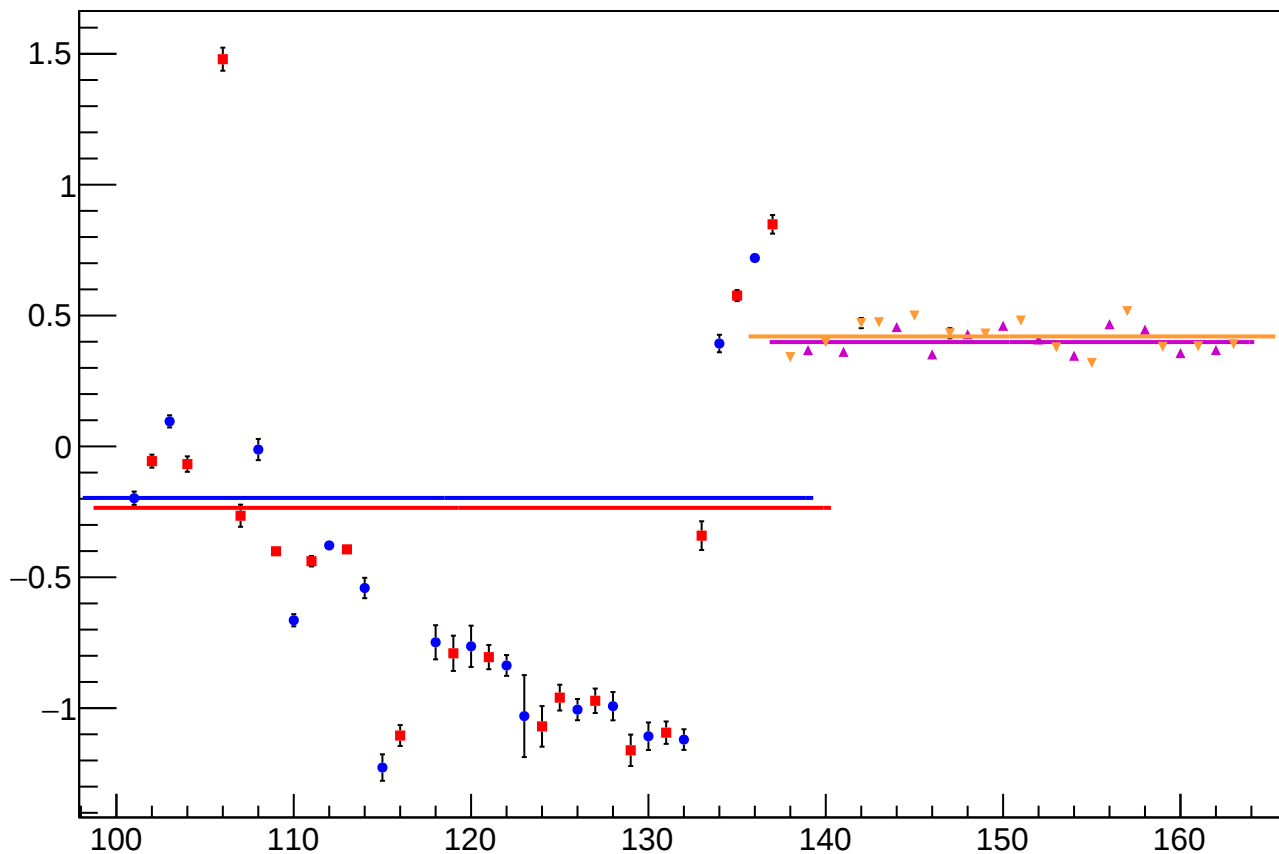
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.949 ± 0.074 χ^2/NDF : 3079.6/28

Out: -17.156 ± 0.071 χ^2/NDF : 2921.5/31

All: -17.057 ± 0.051 χ^2/NDF : 6005.2/60

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.420 ± 0.004 χ^2/NDF : 210.8/13

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.399 ± 0.004 χ^2/NDF : 114.1/11

Left: 0.410 ± 0.003 χ^2/NDF : 338.7/25

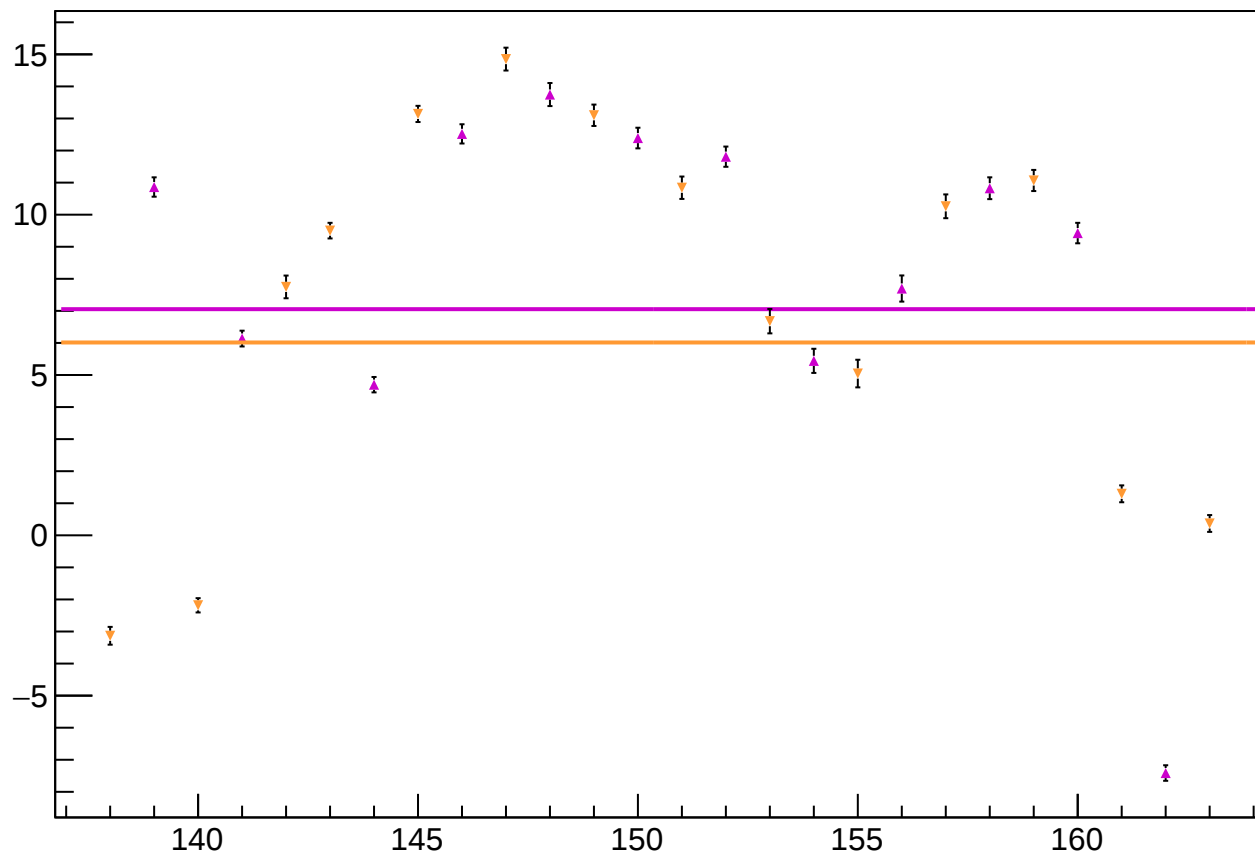
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.257 ± 0.004 χ^2/NDF : 11192.0/28

Out: 0.264 ± 0.004 χ^2/NDF : 12735.5/31

All: 0.261 ± 0.003 χ^2/NDF : 23929.2/60

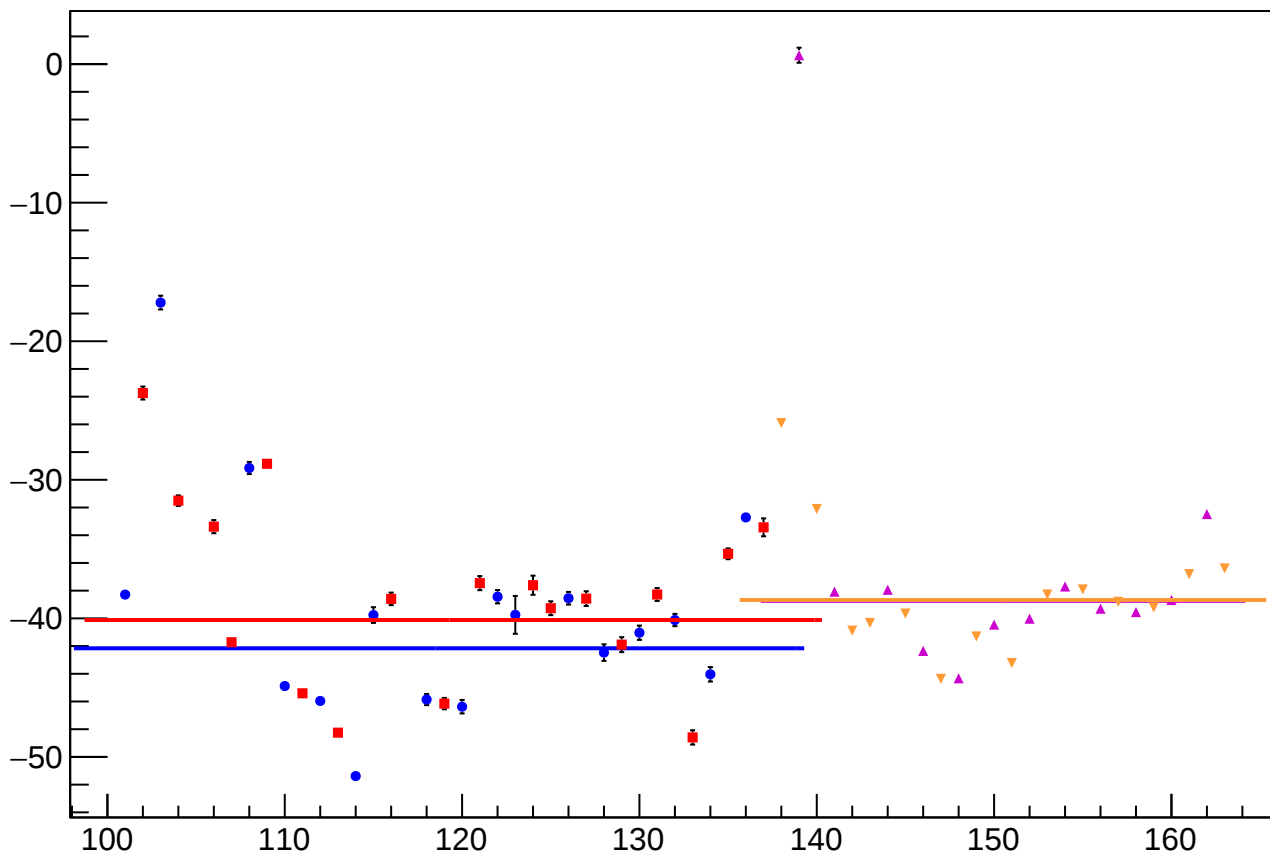
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.053+/-0.087 χ^2/NDF :5212.0/11

Left: 6.489+/-0.059 χ^2/NDF : 11173.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.053+/-0.087 χ^2/NDF :5212.0/11
 Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 All: 6.489+/-0.059 χ^2/NDF : 11173.2/25

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.673 ± 0.056 $\chi^2/\text{NDF}: 5793.1/13$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -38.736 ± 0.061 $\chi^2/\text{NDF}: 7820.6/11$

Left: -38.702 ± 0.041 $\chi^2/\text{NDF}: 13614.2/25$

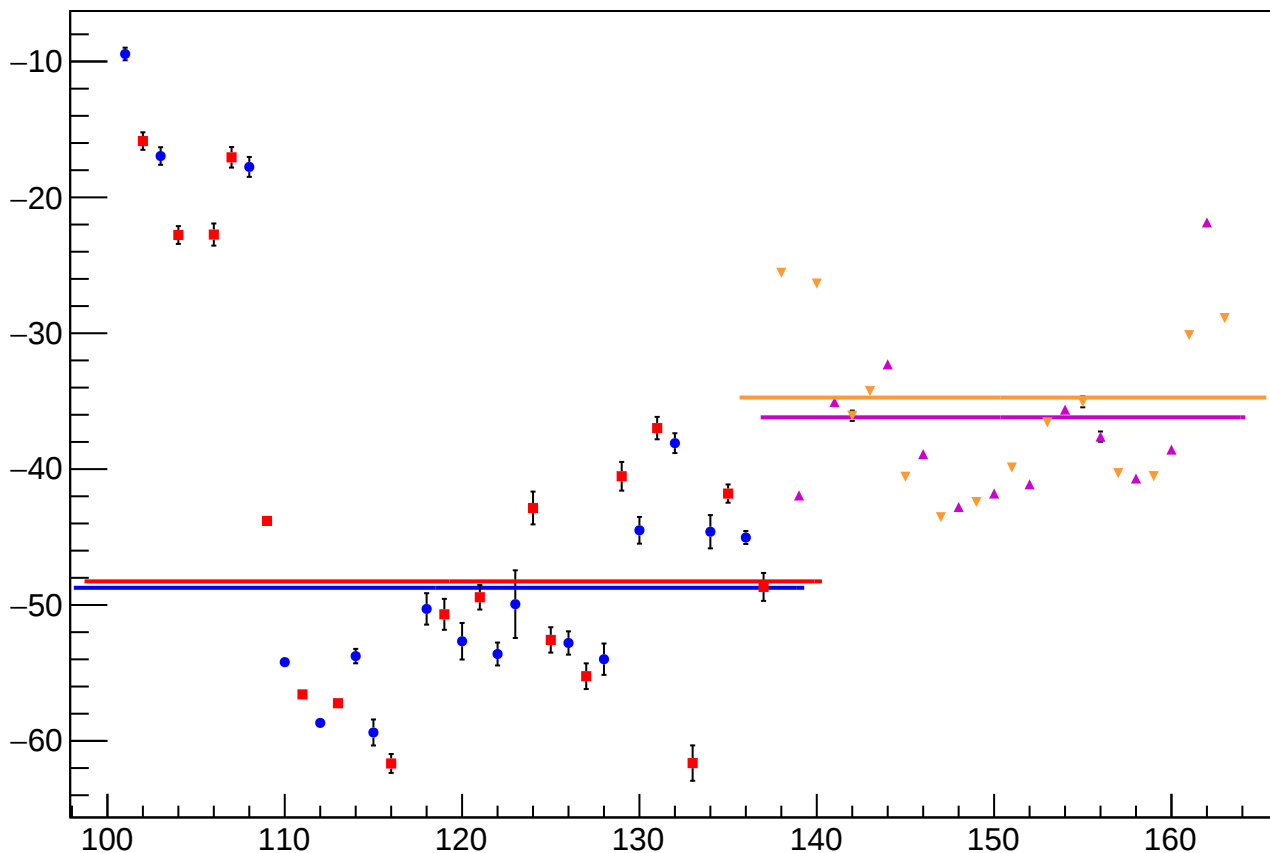
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.047 ± 0.048 $\chi^2/\text{NDF}: 15583.0/28$

Out: -39.211 ± 0.044 $\chi^2/\text{NDF}: 16925.3/31$

All: -39.595 ± 0.033 $\chi^2/\text{NDF}: 32670.8/60$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -34.731 ± 0.080 $\chi^2/\text{NDF}: 5733.4/13$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -36.187 ± 0.085 $\chi^2/\text{NDF}: 5706.6/11$

Left: -35.408 ± 0.058 $\chi^2/\text{NDF}: 11595.4/25$

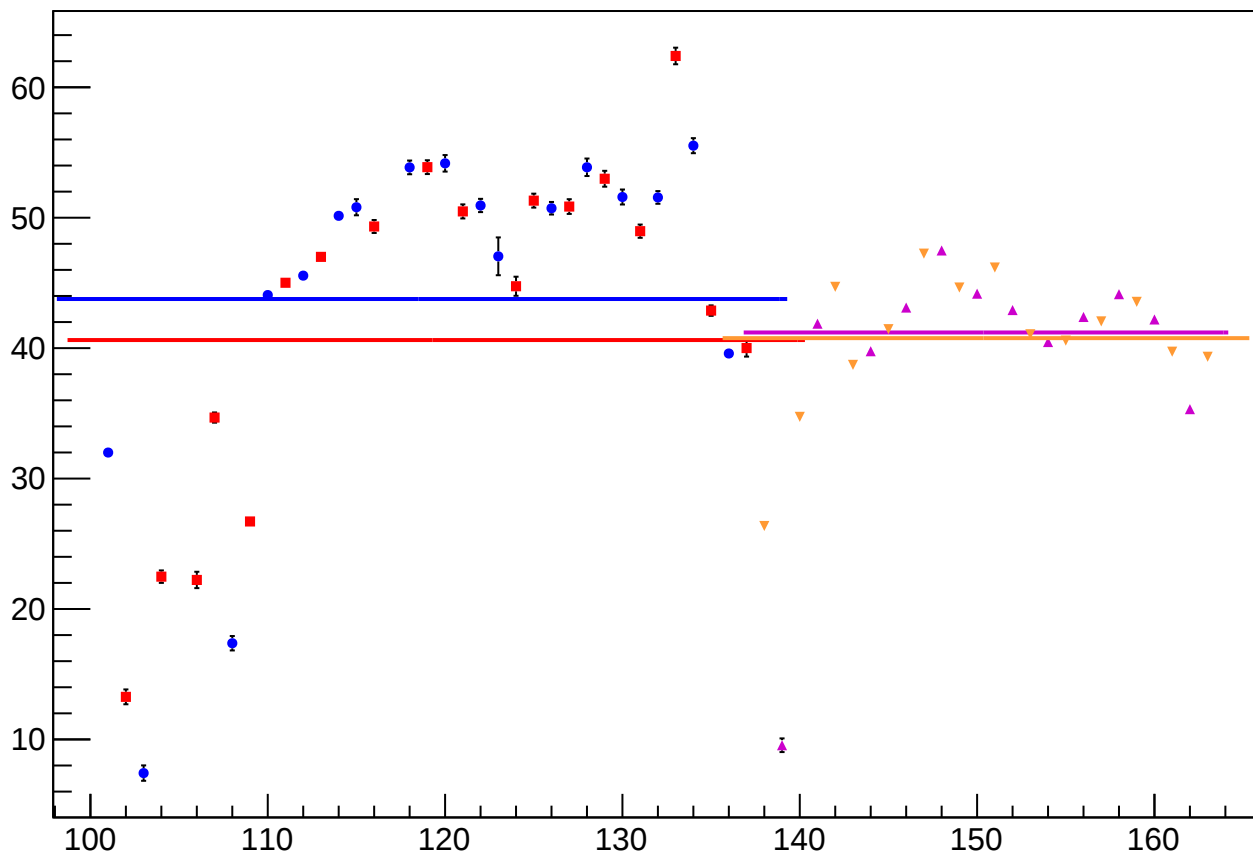
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -40.196 ± 0.070 $\chi^2/\text{NDF}: 27255.7/28$

Out: -39.530 ± 0.064 $\chi^2/\text{NDF}: 27058.8/31$

All: -39.831 ± 0.047 $\chi^2/\text{NDF}: 54363.4/60$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.767 $\pm$ 0.066 χ^2 /NDF: 4875.6/13

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 41.201 $\pm$ 0.072 χ^2 /NDF: 5637.4/11

Left: 40.965 $\pm$ 0.048 χ^2 /NDF: 10532.9/25

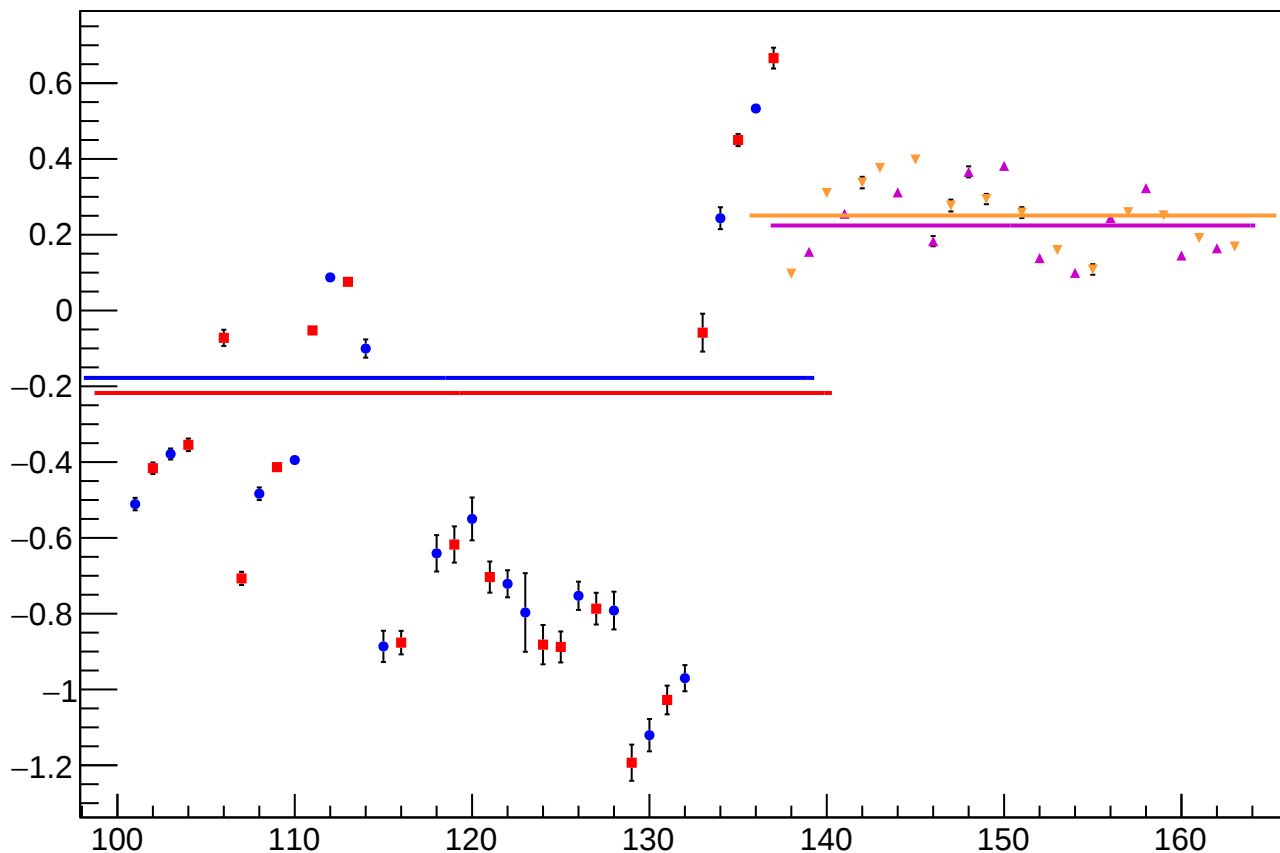
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.240 $\pm$ 0.055 χ^2 /NDF: 16790.9/28

Out: 40.708 $\pm$ 0.051 χ^2 /NDF: 21835.0/31

All: 41.410 $\pm$ 0.037 χ^2 /NDF: 39042.1/60

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.251 ± 0.003 χ^2/NDF : 849.8/13

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.224 ± 0.003 χ^2/NDF : 694.2/11

Left: 0.238 ± 0.002 χ^2/NDF : 1577.1/25

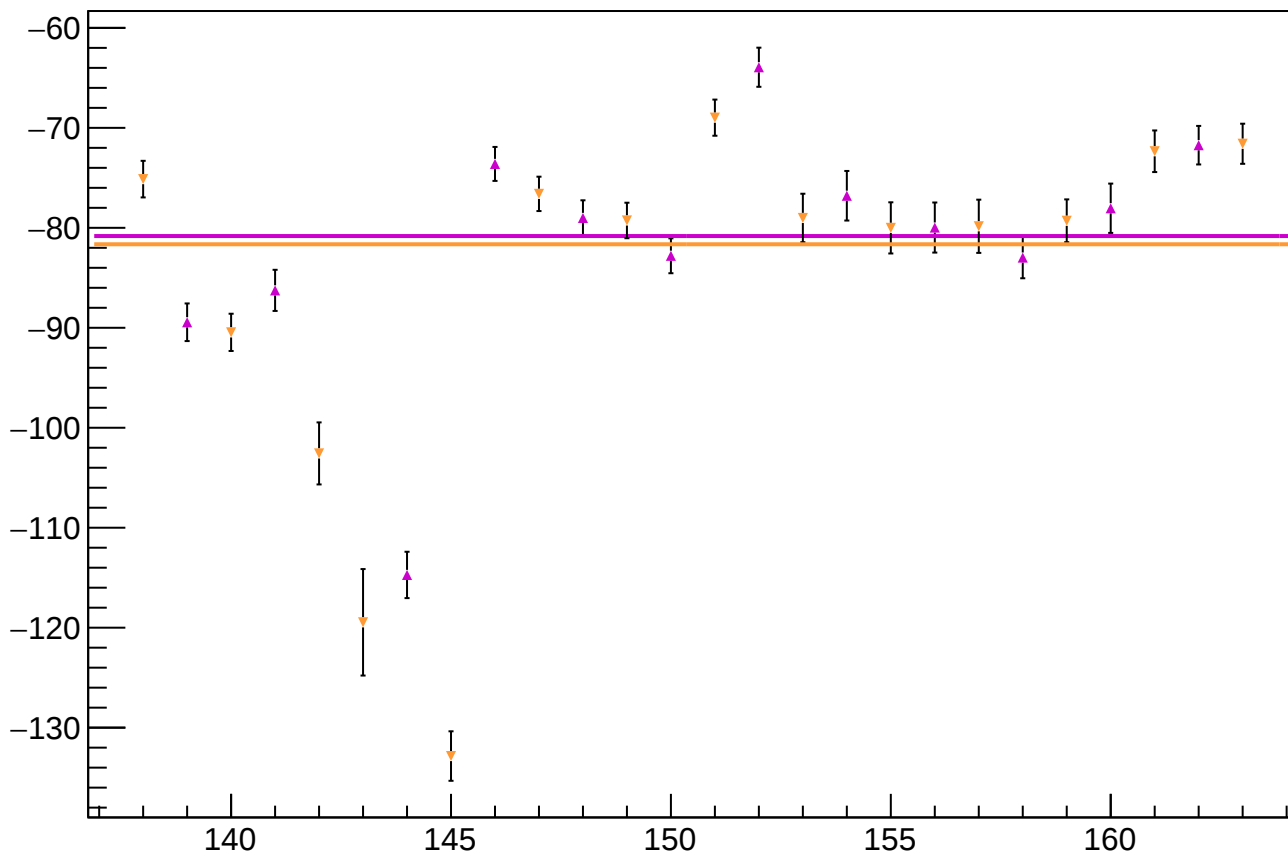
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.094 ± 0.003 χ^2/NDF : 12721.4/28

Out: 0.089 ± 0.003 χ^2/NDF : 16020.5/31

All: 0.091 ± 0.002 χ^2/NDF : 28743.8/60

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



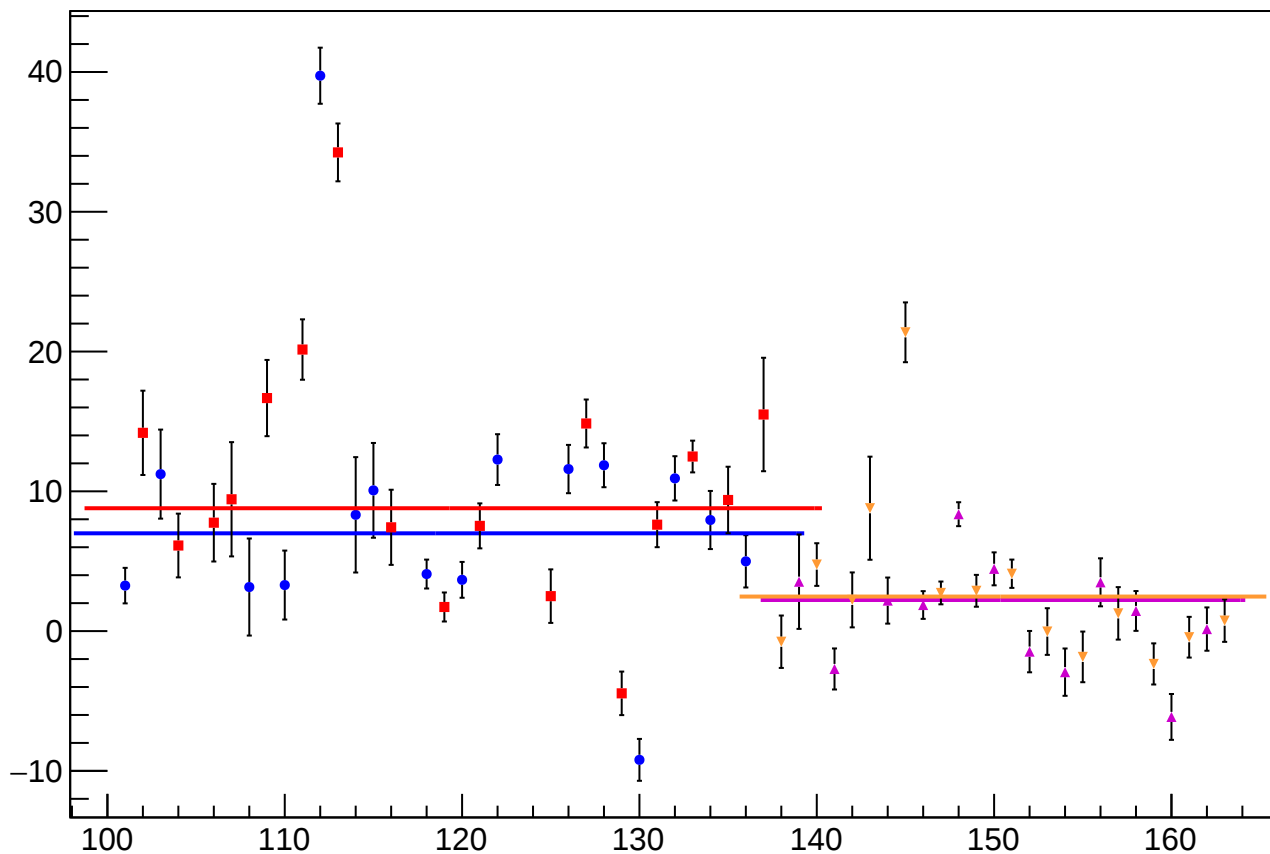
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -81.646+/-0.576 χ^2/NDF :666.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.822+/-0.582 χ^2/NDF :364.0/11

Left: -81.239+/-0.409 χ^2/NDF : 1031.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.822+/-0.582 χ^2/NDF :364.0/11
 Out: -81.646+/-0.576 χ^2/NDF :666.4/13

All: -81.239+/-0.409 χ^2/NDF : 1031.4/25

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.471 ± 0.383 $\chi^2/\text{NDF}: 113.4/13$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.225 ± 0.394 $\chi^2/\text{NDF}: 110.7/11$

Left: 2.352 ± 0.274 $\chi^2/\text{NDF}: 224.3/25$

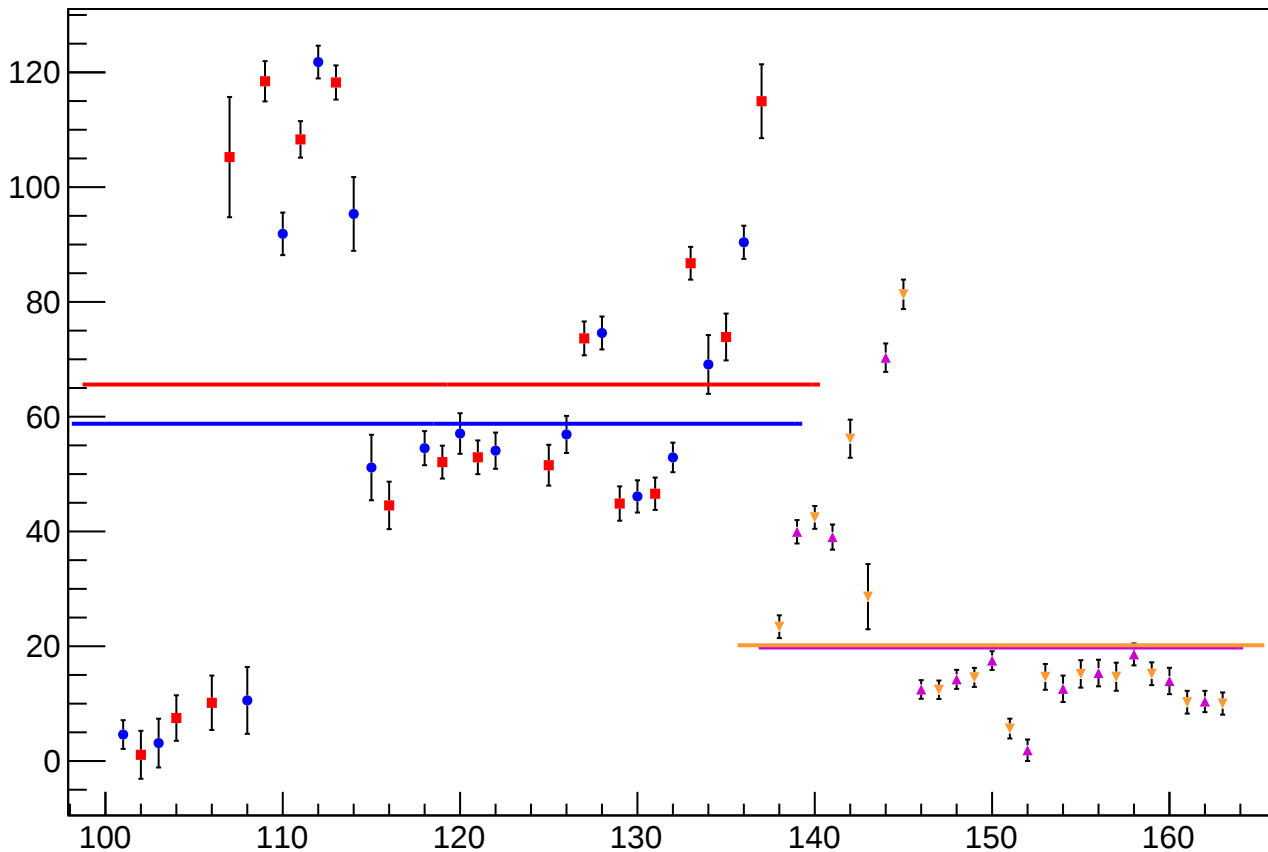
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.379 ± 0.292 $\chi^2/\text{NDF}: 622.3/27$

Out: 5.127 ± 0.291 $\chi^2/\text{NDF}: 576.8/30$

All: 4.753 ± 0.206 $\chi^2/\text{NDF}: 1202.4/58$

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: 20.173 $\pm$ 0.561 χ^2 /NDF:994.5/13

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 19.781 $\pm$ 0.564 χ^2 /NDF:761.1/11

Left: 19.978 $\pm$ 0.398 χ^2 /NDF: 1755.8/25

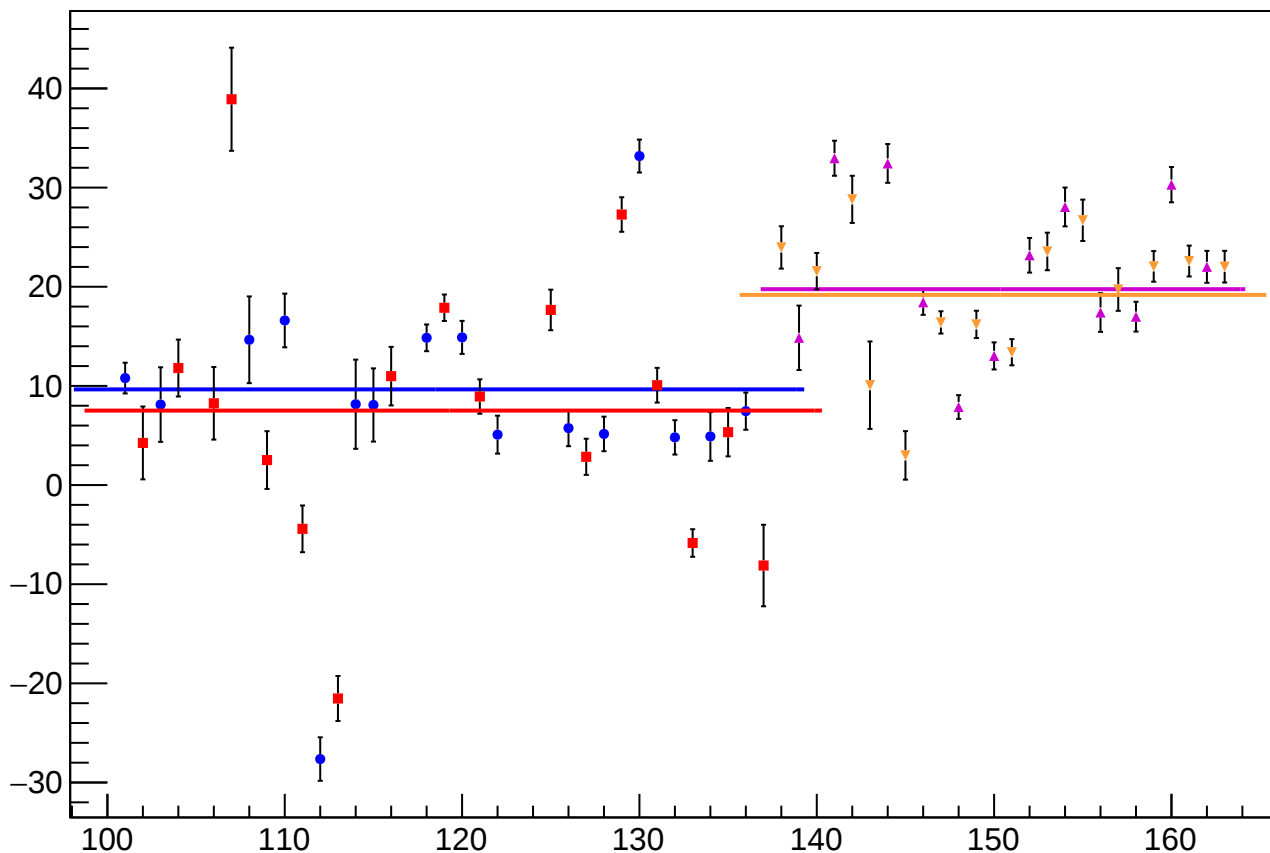
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 32.035 $\pm$ 0.467 χ^2 /NDF:3756.9/27

Out: 34.065 $\pm$ 0.467 χ^2 /NDF:4628.0/30

All: 33.050 $\pm$ 0.330 χ^2 /NDF: 8394.4/58

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 19.178 ± 0.459 χ^2/NDF : 131.1/13

Right Out: 7.511 ± 0.516 χ^2/NDF : 564.3/16

Left In: 19.754 ± 0.470 χ^2/NDF : 287.9/11

Left: 19.459 ± 0.328 χ^2/NDF : 419.8/25

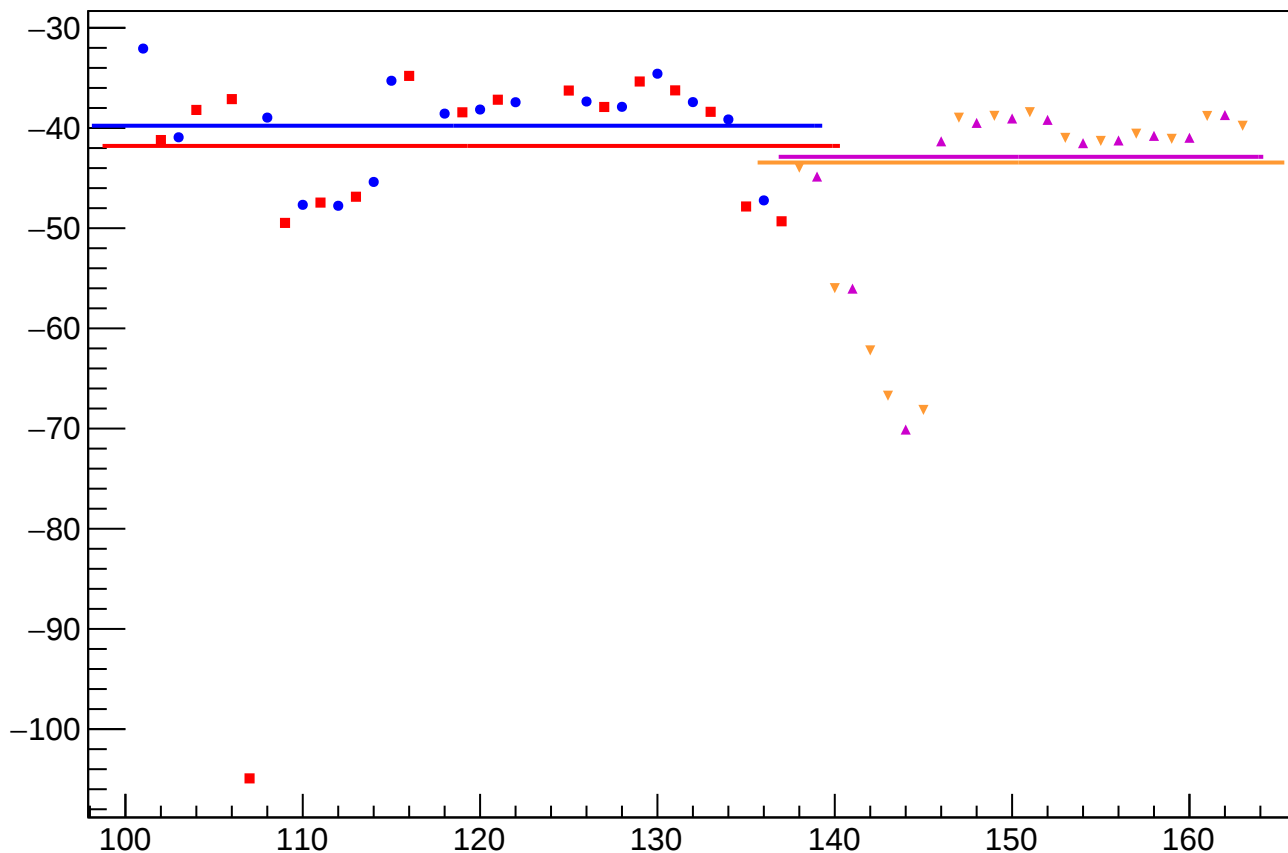
Right: 8.610 ± 0.360 χ^2/NDF : 1126.7/32

In: 15.034 ± 0.343 χ^2/NDF : 1057.4/27

Out: 14.034 ± 0.343 χ^2/NDF : 980.7/30

All: 14.533 ± 0.243 χ^2/NDF : 2042.4/58

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.444 ± 0.022 χ^2/NDF : 132507.3/13

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -42.874 ± 0.022 χ^2/NDF : 99123.2/11

Left: -43.158 ± 0.016 χ^2/NDF : 231959.2/25

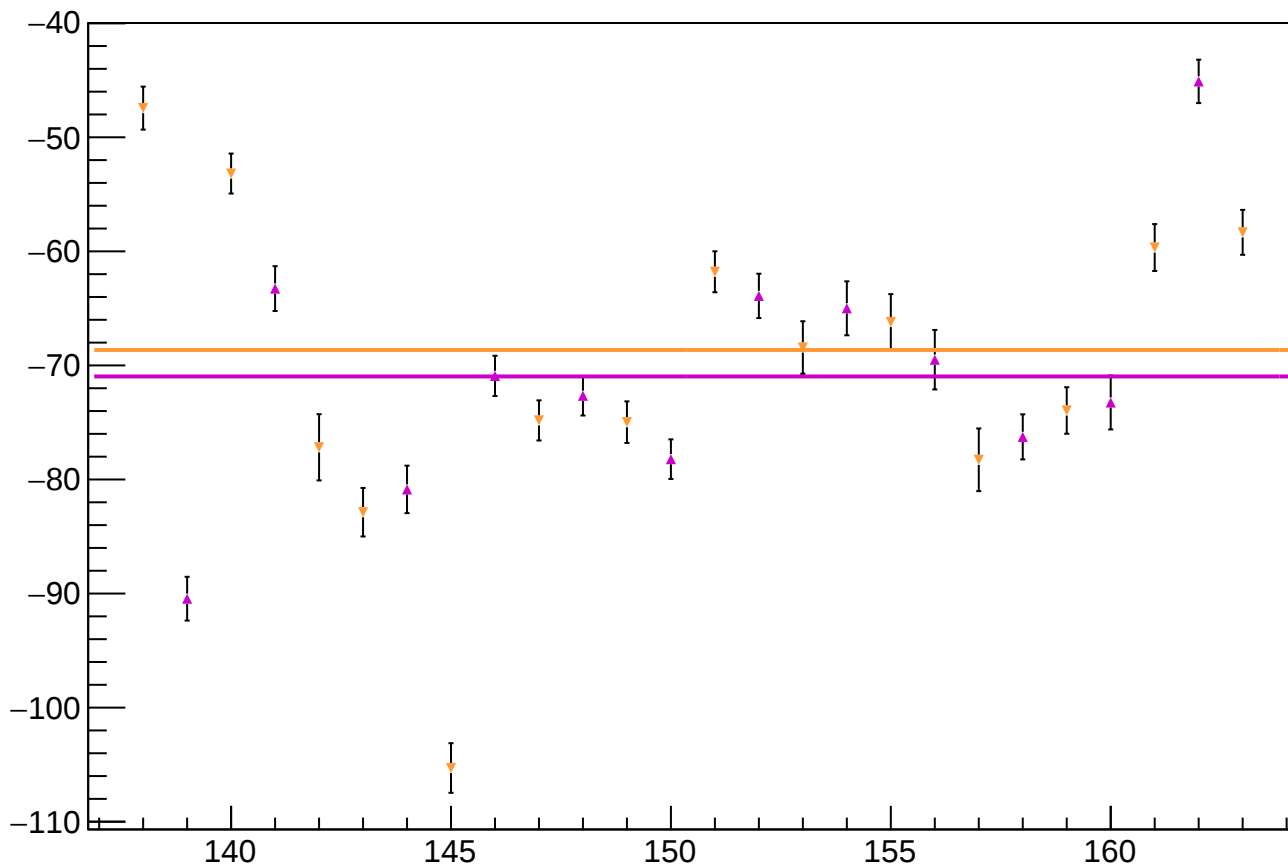
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -41.828 ± 0.018 χ^2/NDF : 131896.5/27

Out: -42.889 ± 0.018 χ^2/NDF : 227368.1/30

All: -42.355 ± 0.013 χ^2/NDF : 360980.6/58

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



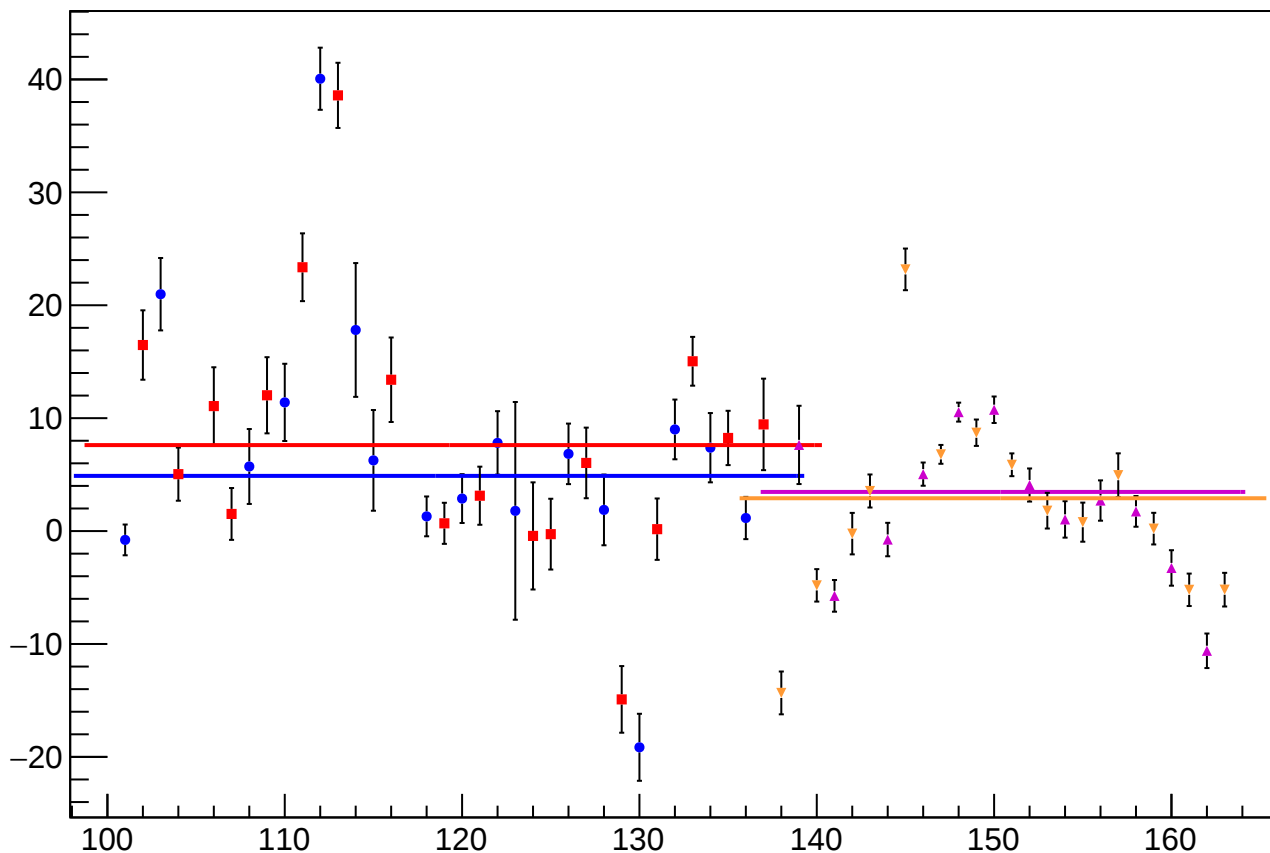
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -70.967+/-0.573 χ^2/NDF : 372.2/11

Left: -69.756+/-0.396 χ^2/NDF : 1028.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.967+/-0.573 χ^2/NDF : 372.2/11
 Out: -68.643+/-0.549 χ^2/NDF : 647.5/13

All: -69.756+/-0.396 χ^2/NDF : 1028.3/25

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.907 ± 0.367 χ^2/NDF : 358.5/13

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 3.467 ± 0.387 χ^2/NDF : 271.6/11

Left: 3.172 ± 0.266 χ^2/NDF : 631.2/25

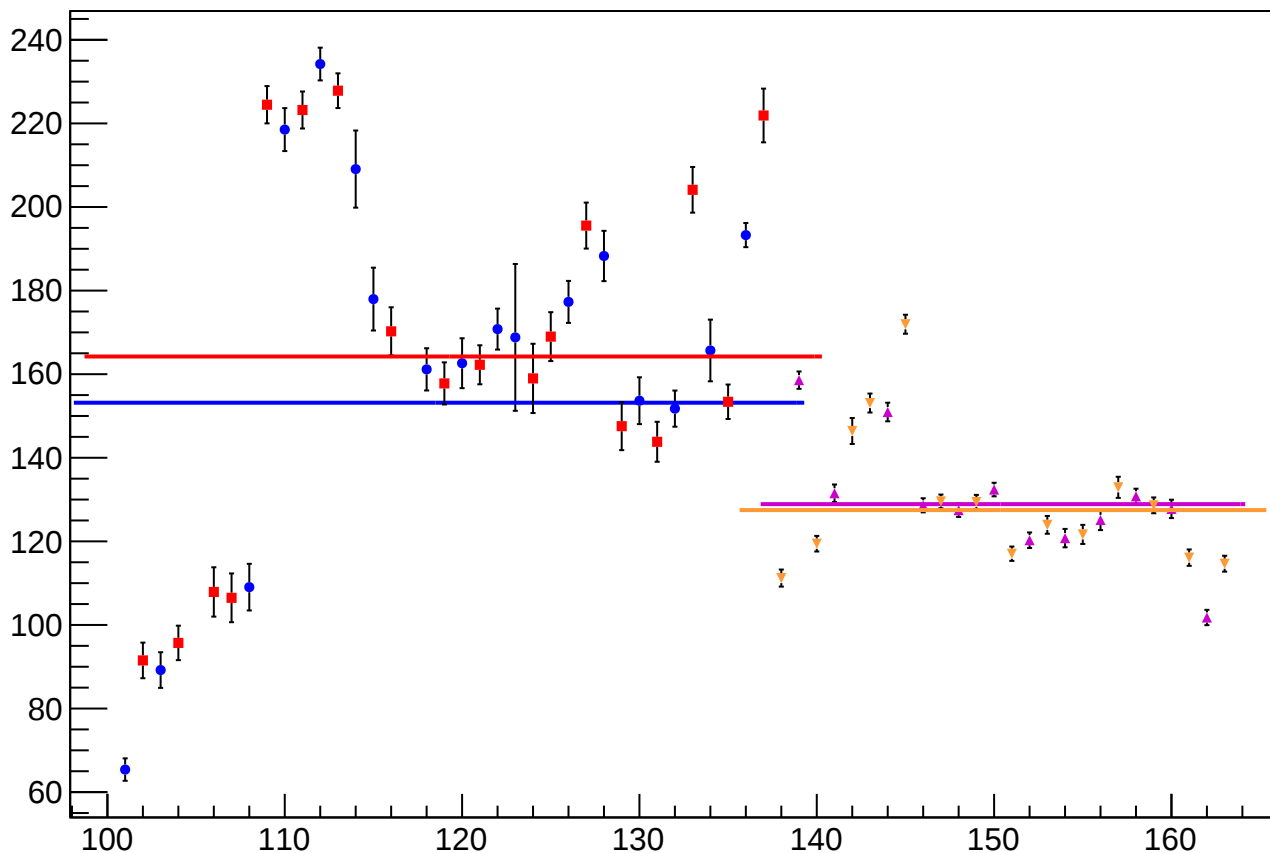
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.864 ± 0.329 χ^2/NDF : 570.1/28

Out: 4.040 ± 0.320 χ^2/NDF : 667.2/31

All: 3.954 ± 0.229 χ^2/NDF : 1237.5/60

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 127.485 $\pm$ 0.538 χ^2 /NDF: 763.7/13

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 128.910 $\pm$ 0.555 χ^2 /NDF: 567.0/11

Left: 128.175 $\pm$ 0.386 χ^2 /NDF: 1334.1/25

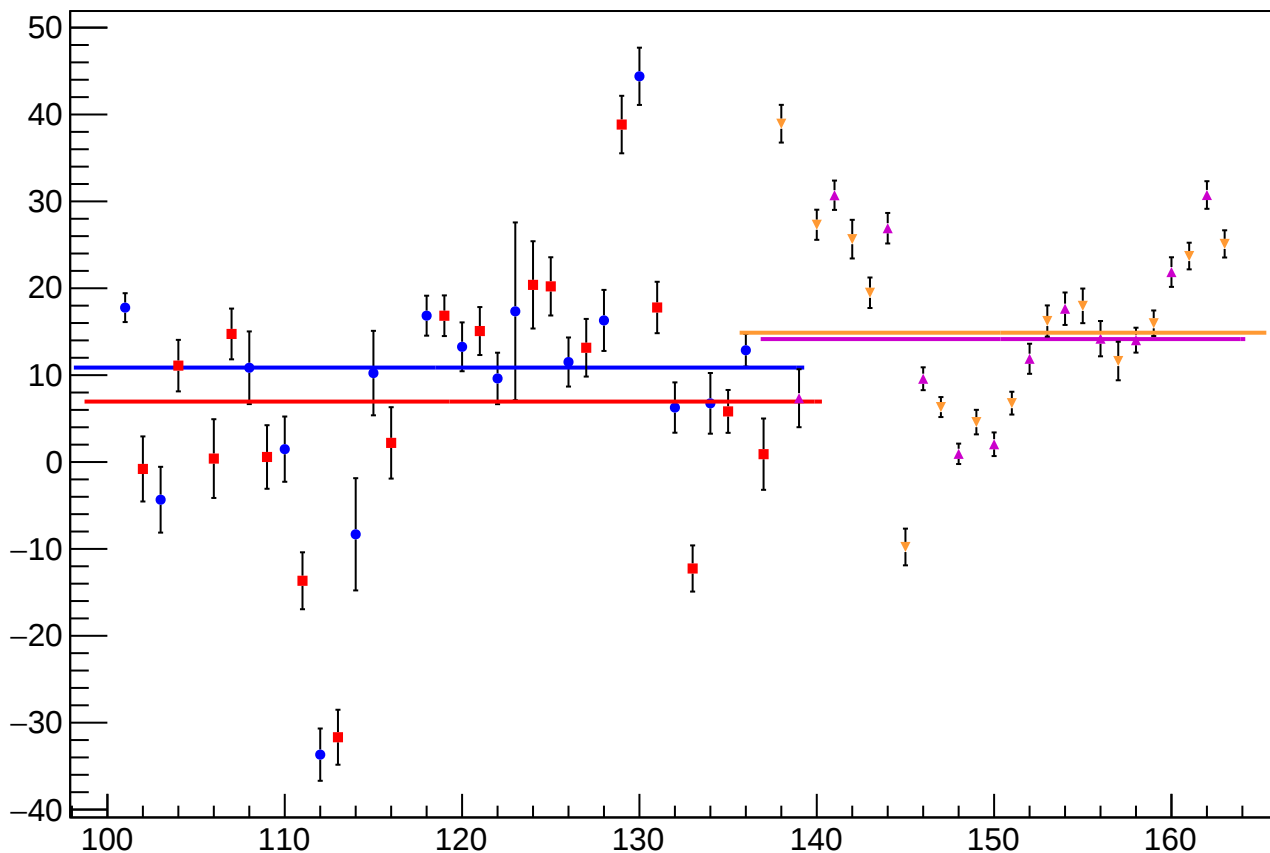
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 133.519 $\pm$ 0.500 χ^2 /NDF: 3194.1/28

Out: 133.775 $\pm$ 0.490 χ^2 /NDF: 3118.0/31

All: 133.650 $\pm$ 0.350 χ^2 /NDF: 6312.3/60

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: 14.884 $\pm$ 0.439 χ^2/NDF :568.7/13

Right Out: 6.958 $\pm$ 0.749 χ^2/NDF : 422.3/17

Left In: 14.151 $\pm$ 0.461 χ^2/NDF :505.5/11

Left: 14.536 $\pm$ 0.318 χ^2/NDF : 1075.6/25

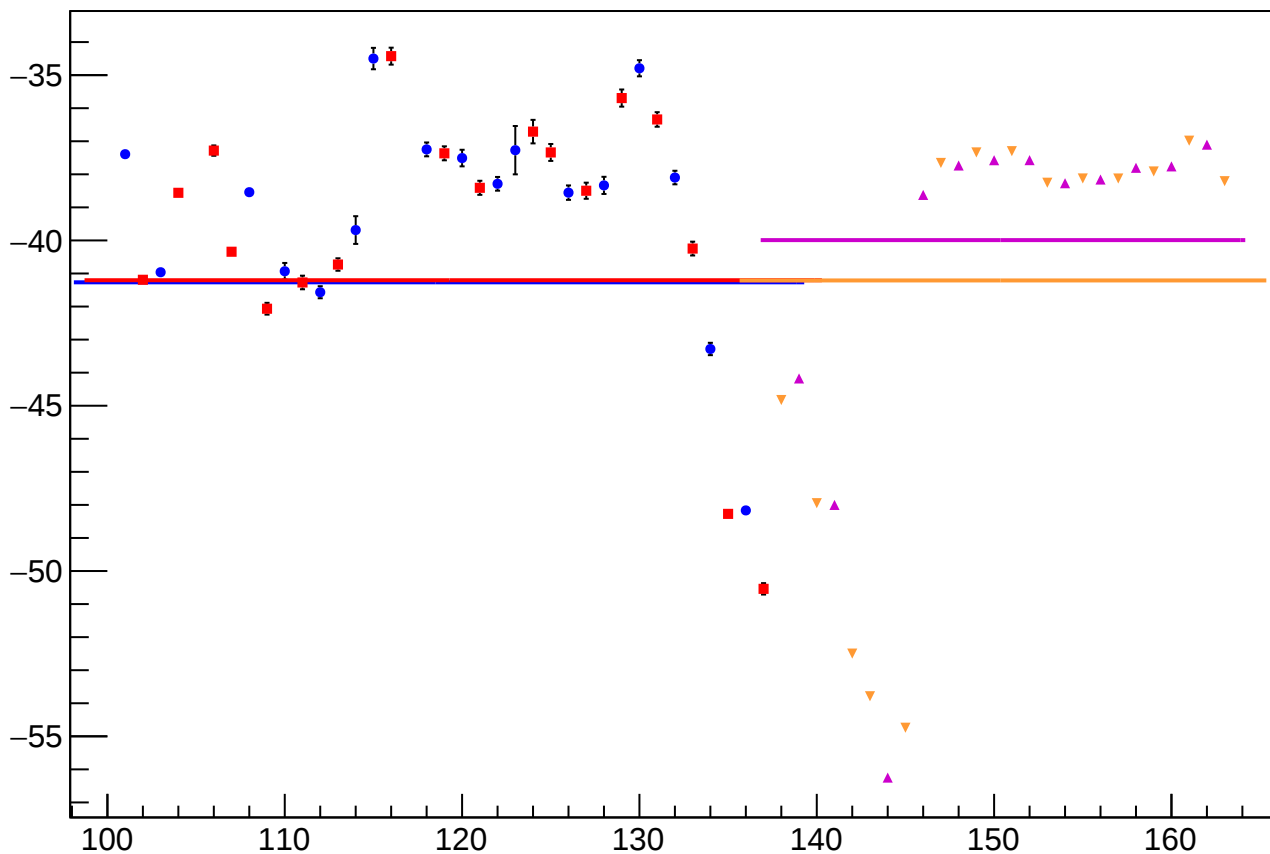
Right: 9.008 $\pm$ 0.517 χ^2/NDF : 823.3/34

In: 13.186 $\pm$ 0.388 χ^2/NDF :907.1/28

Out: 12.860 $\pm$ 0.379 χ^2/NDF :1074.4/31

All: 13.019 $\pm$ 0.271 χ^2/NDF : 1981.8/60

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.210 ± 0.021 $\chi^2/\text{NDF}: 77991.0/13$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.990 ± 0.022 $\chi^2/\text{NDF}: 48265.5/11$

Left: -40.614 ± 0.015 $\chi^2/\text{NDF}: 127851.9/25$

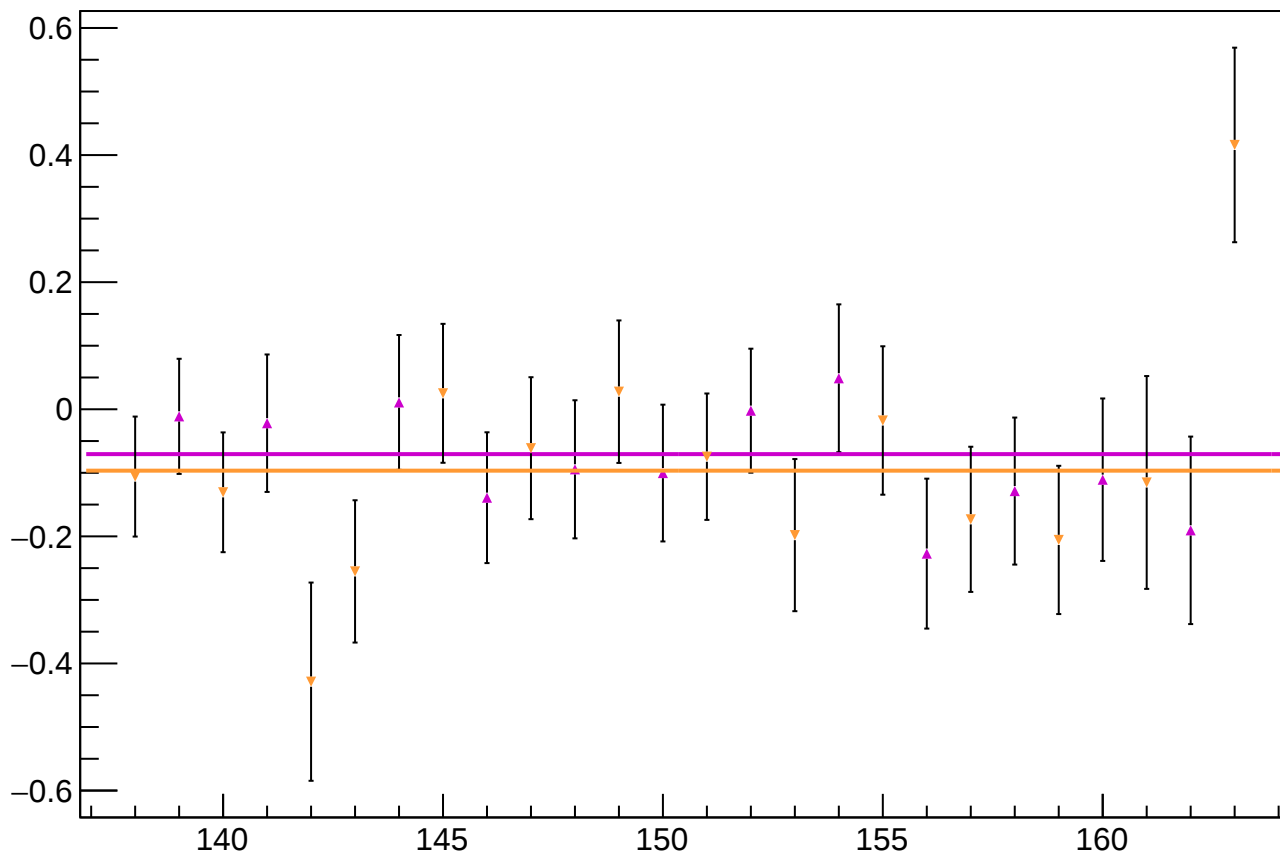
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.301 ± 0.019 $\chi^2/\text{NDF}: 61678.3/28$

Out: -41.209 ± 0.019 $\chi^2/\text{NDF}: 89999.6/31$

All: -40.762 ± 0.013 $\chi^2/\text{NDF}: 152836.8/60$

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: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11

Left: -0.084 $\pm$ 0.022 χ^2 /NDF: 29.5/25

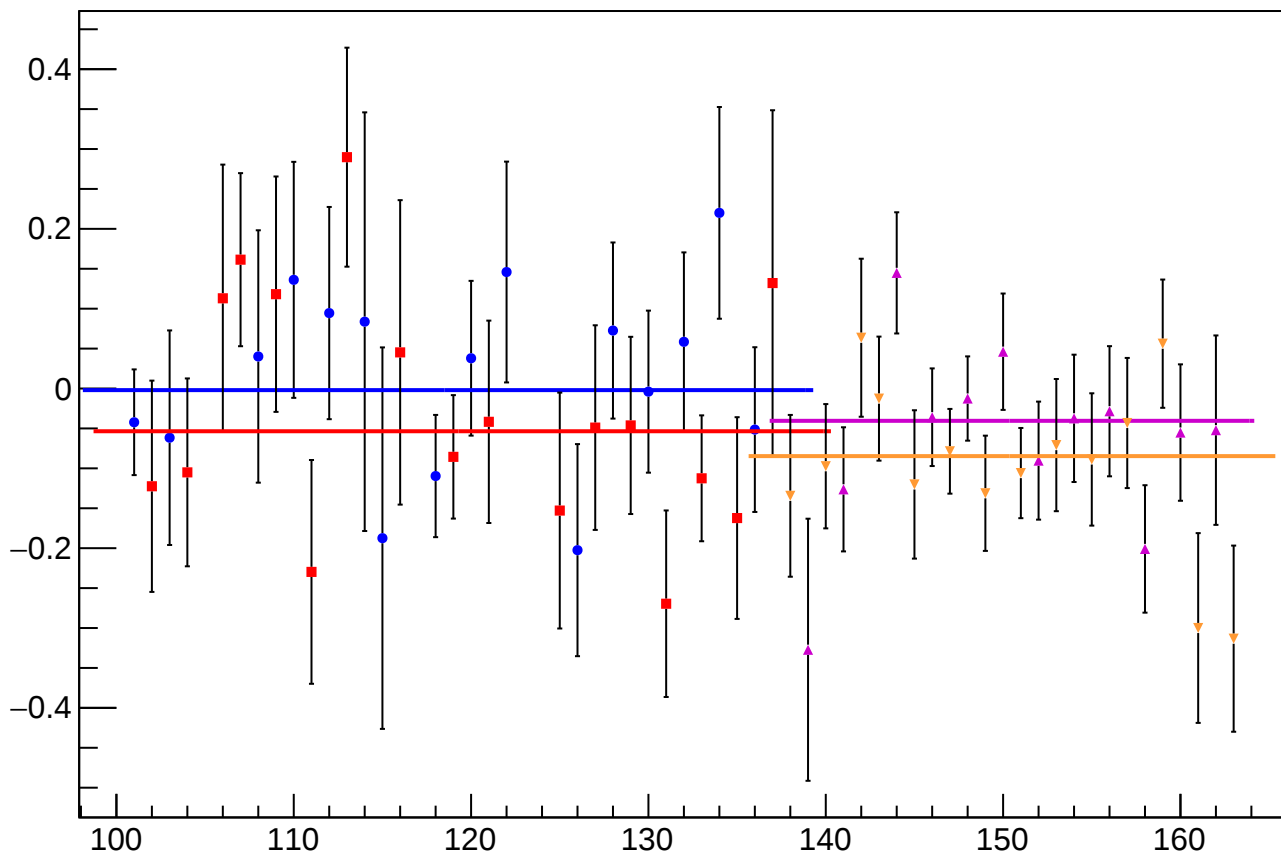
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11

Out: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13

All: -0.084 $\pm$ 0.022 χ^2 /NDF: 29.5/25

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.085 ± 0.021 χ^2/NDF : 14.6/13

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/11

Left: -0.064 ± 0.015 χ^2/NDF : 33.2/25

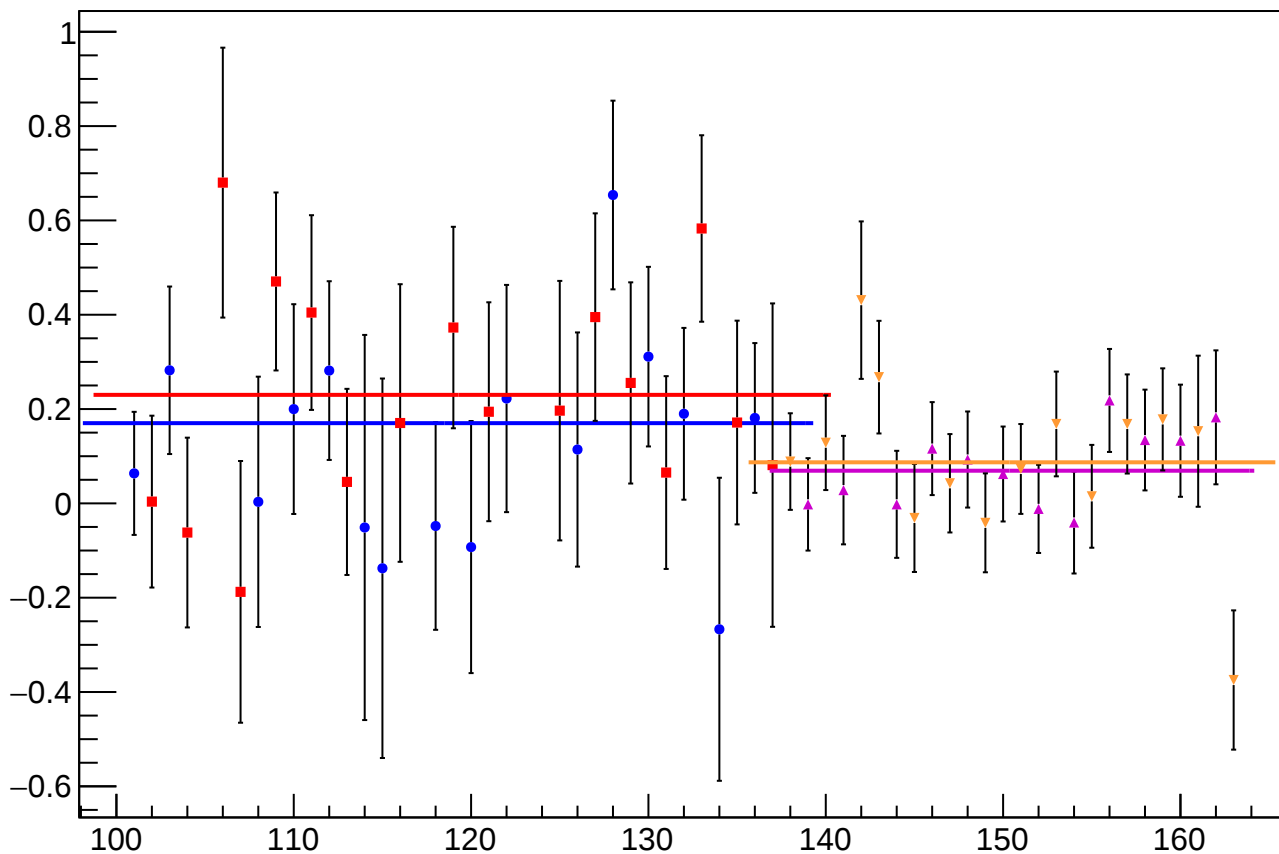
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.026 ± 0.017 χ^2/NDF : 29.7/27

Out: -0.074 ± 0.017 χ^2/NDF : 36.3/30

All: -0.050 ± 0.012 χ^2/NDF : 69.9/58

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.087 $\pm$ 0.030 χ^2 /NDF:21.7/13

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.069 $\pm$ 0.031 χ^2 /NDF:6.3/11

Left: 0.078 $\pm$ 0.022 χ^2 /NDF: 28.1/25

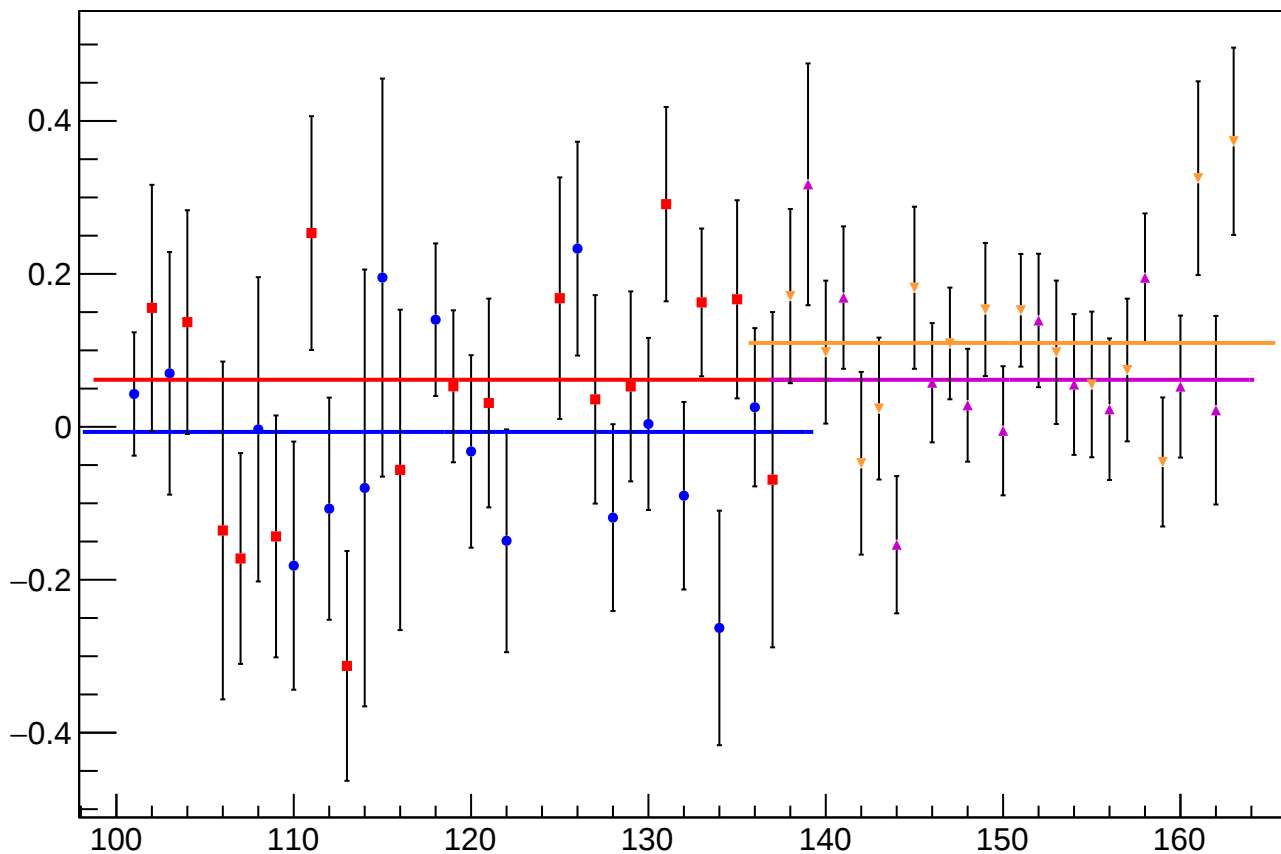
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.095 $\pm$ 0.027 χ^2 /NDF:22.0/27

Out: 0.121 $\pm$ 0.026 χ^2 /NDF:43.8/30

All: 0.108 $\pm$ 0.019 χ^2 /NDF: 66.4/58

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.110 ± 0.025 χ^2/NDF : 15.4/13

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.062 ± 0.026 χ^2/NDF : 14.2/11

Left: 0.087 ± 0.018 χ^2/NDF : 31.3/25

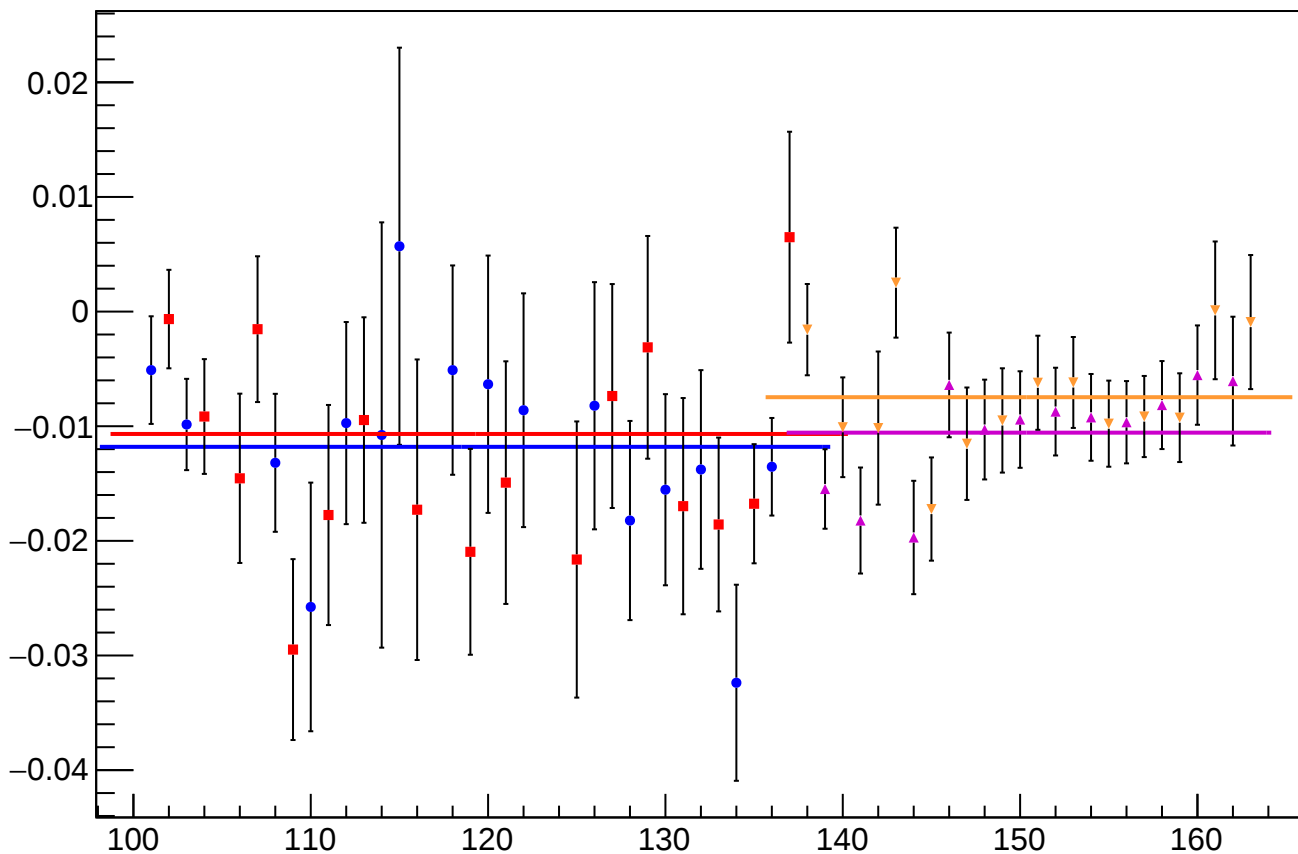
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.035 ± 0.020 χ^2/NDF : 30.0/27

Out: 0.093 ± 0.020 χ^2/NDF : 36.7/30

All: 0.064 ± 0.014 χ^2/NDF : 70.7/58

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.001 χ^2/NDF : 16.5/13

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 11.9/11

Left: -0.009 ± 0.001 χ^2/NDF : 31.8/25

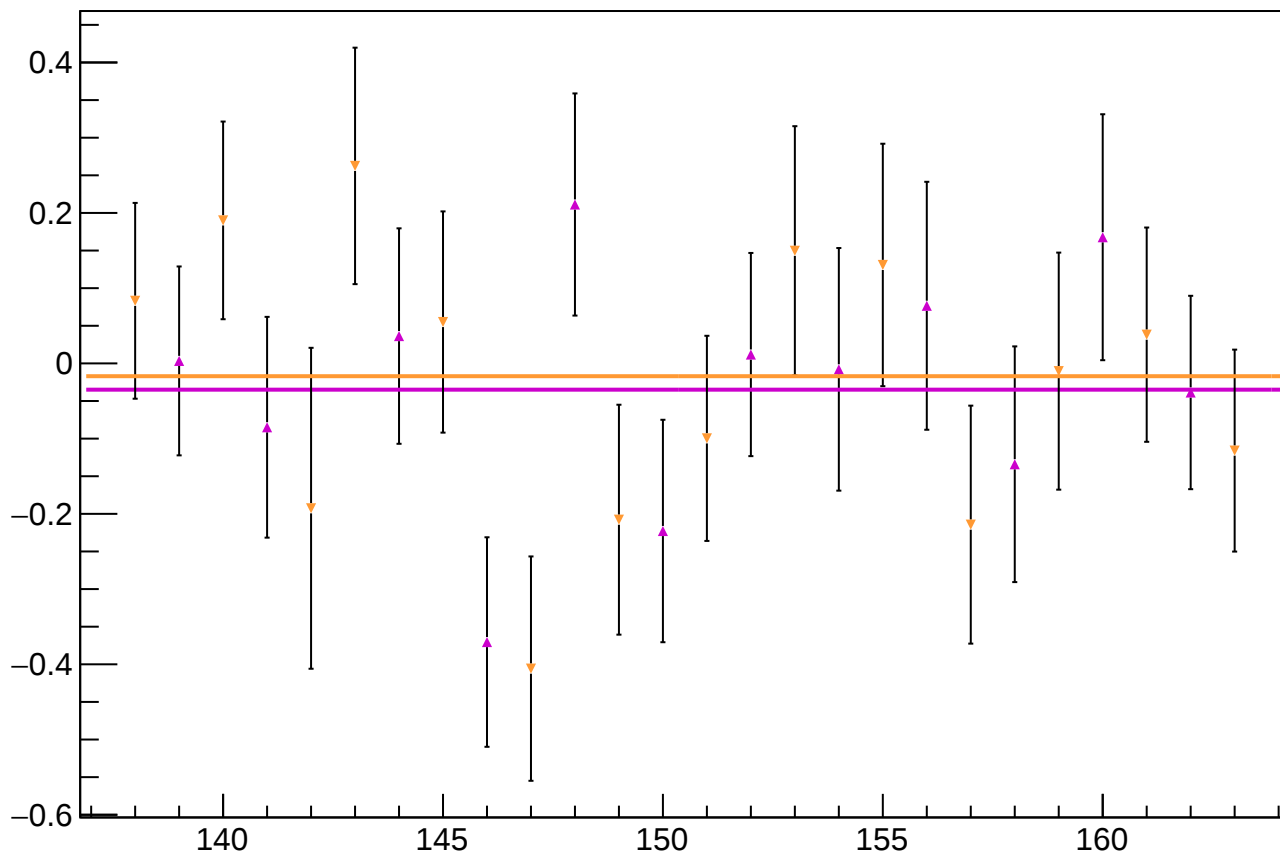
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 25.0/27

Out: -0.008 ± 0.001 χ^2/NDF : 42.5/30

All: -0.010 ± 0.001 χ^2/NDF : 70.7/58

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.017+/-0.040 χ^2/NDF : 20.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.035+/-0.042 χ^2/NDF : 13.2/11

Left: -0.026+/-0.029 χ^2/NDF : 33.3/25

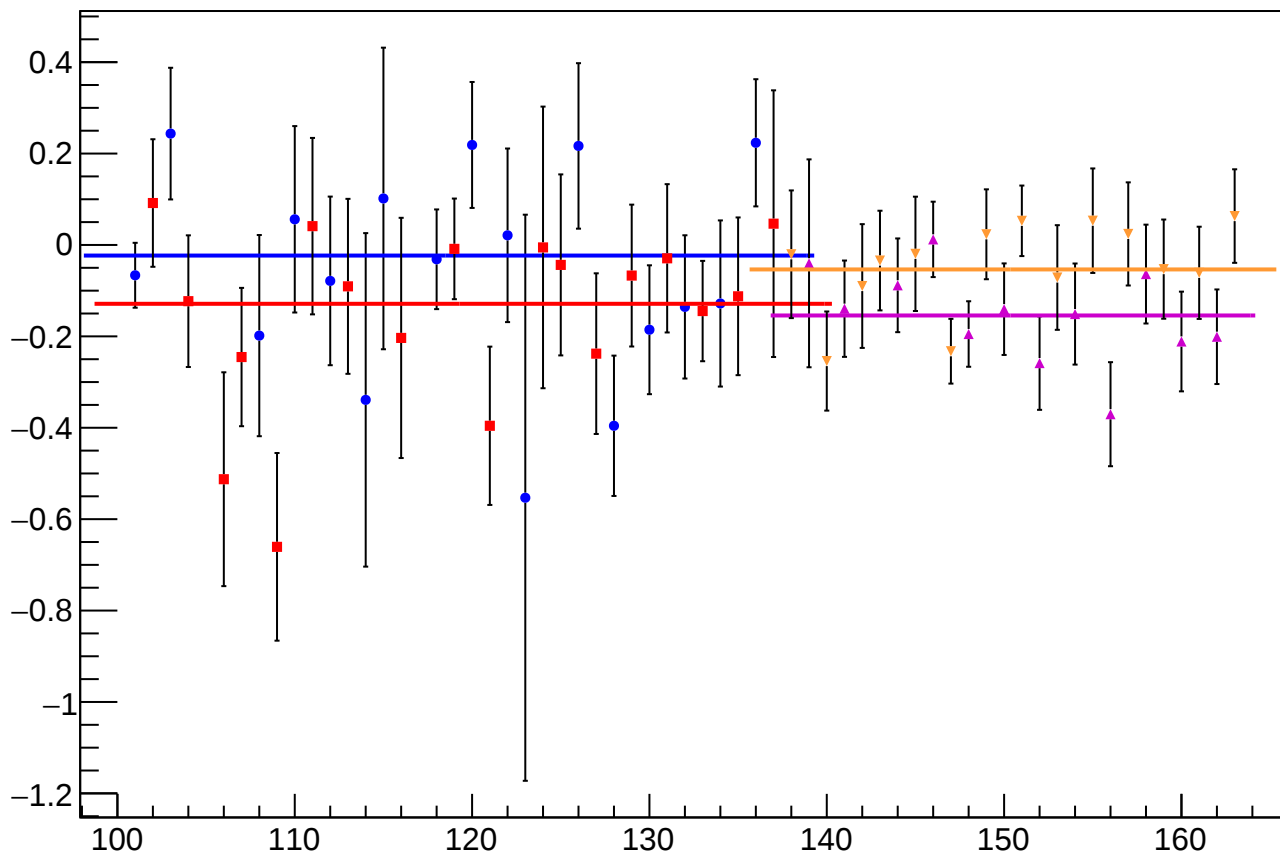
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.035+/-0.042 χ^2/NDF : 13.2/11

Out: -0.017+/-0.040 χ^2/NDF : 20.0/13

All: -0.026+/-0.029 χ^2/NDF : 33.3/25

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 ± 0.028 χ^2/NDF : 15.2/13

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.154 ± 0.029 χ^2/NDF : 10.9/11

Left: -0.101 ± 0.020 χ^2/NDF : 32.4/25

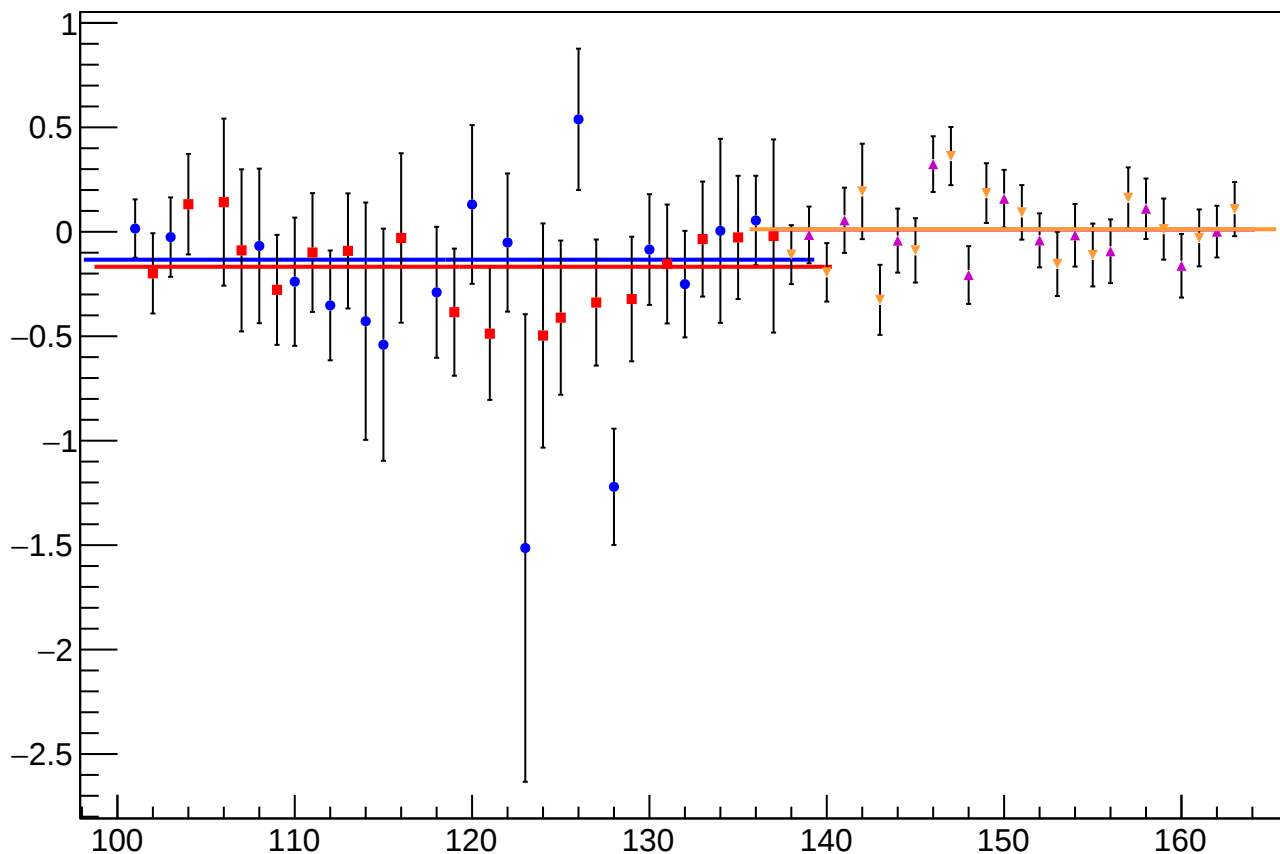
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.103 ± 0.023 χ^2/NDF : 41.2/28

Out: -0.078 ± 0.023 χ^2/NDF : 36.3/31

All: -0.090 ± 0.016 χ^2/NDF : 78.0/60

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.012 ± 0.039 χ^2/NDF : 19.8/13

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.011 ± 0.041 χ^2/NDF : 11.8/11

Left: 0.012 ± 0.028 χ^2/NDF : 31.6/25

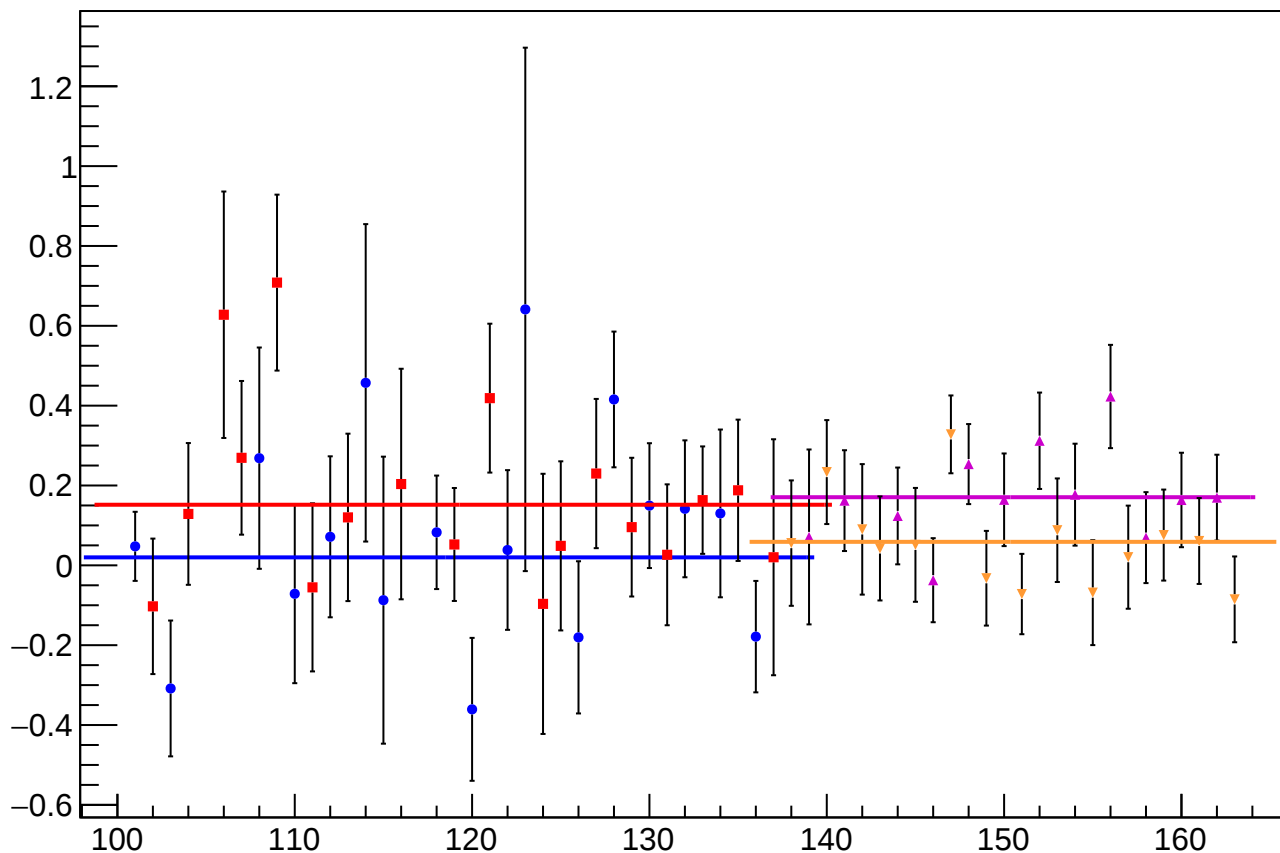
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.028 ± 0.035 χ^2/NDF : 40.9/28

Out: -0.030 ± 0.034 χ^2/NDF : 30.8/31

All: -0.029 ± 0.024 χ^2/NDF : 71.8/60

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.059 ± 0.032 χ^2/NDF : 14.7/13

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.171 ± 0.034 χ^2/NDF : 10.9/11

Left: 0.111 ± 0.024 χ^2/NDF : 31.1/25

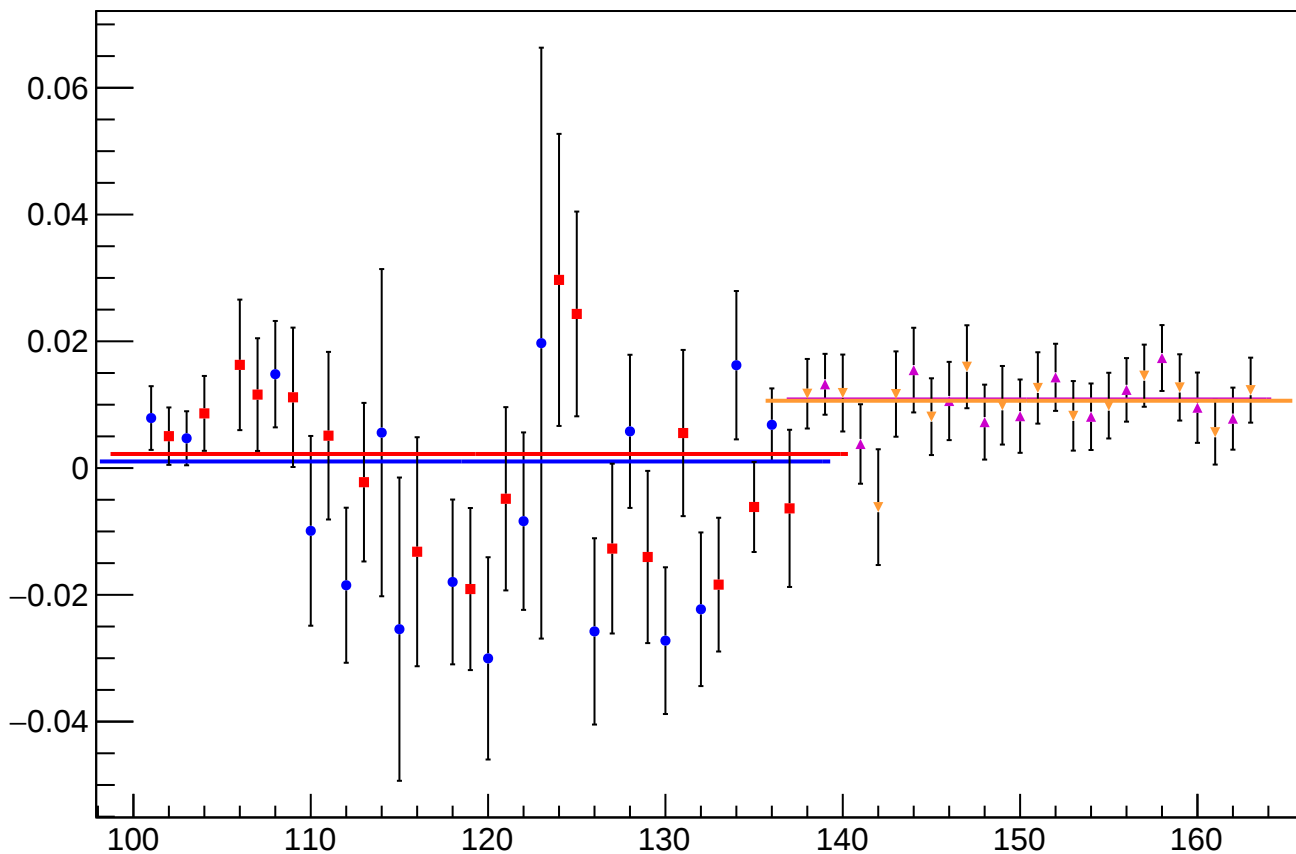
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.110 ± 0.027 χ^2/NDF : 40.3/28

Out: 0.090 ± 0.026 χ^2/NDF : 34.2/31

All: 0.100 ± 0.019 χ^2/NDF : 74.9/60

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2/NDF : 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2/NDF : 6.5/13

Right Out: 0.002 $\pm$ 0.002 χ^2/NDF : 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2/NDF : 5.4/11

Left: 0.011 $\pm$ 0.001 χ^2/NDF : 11.9/25

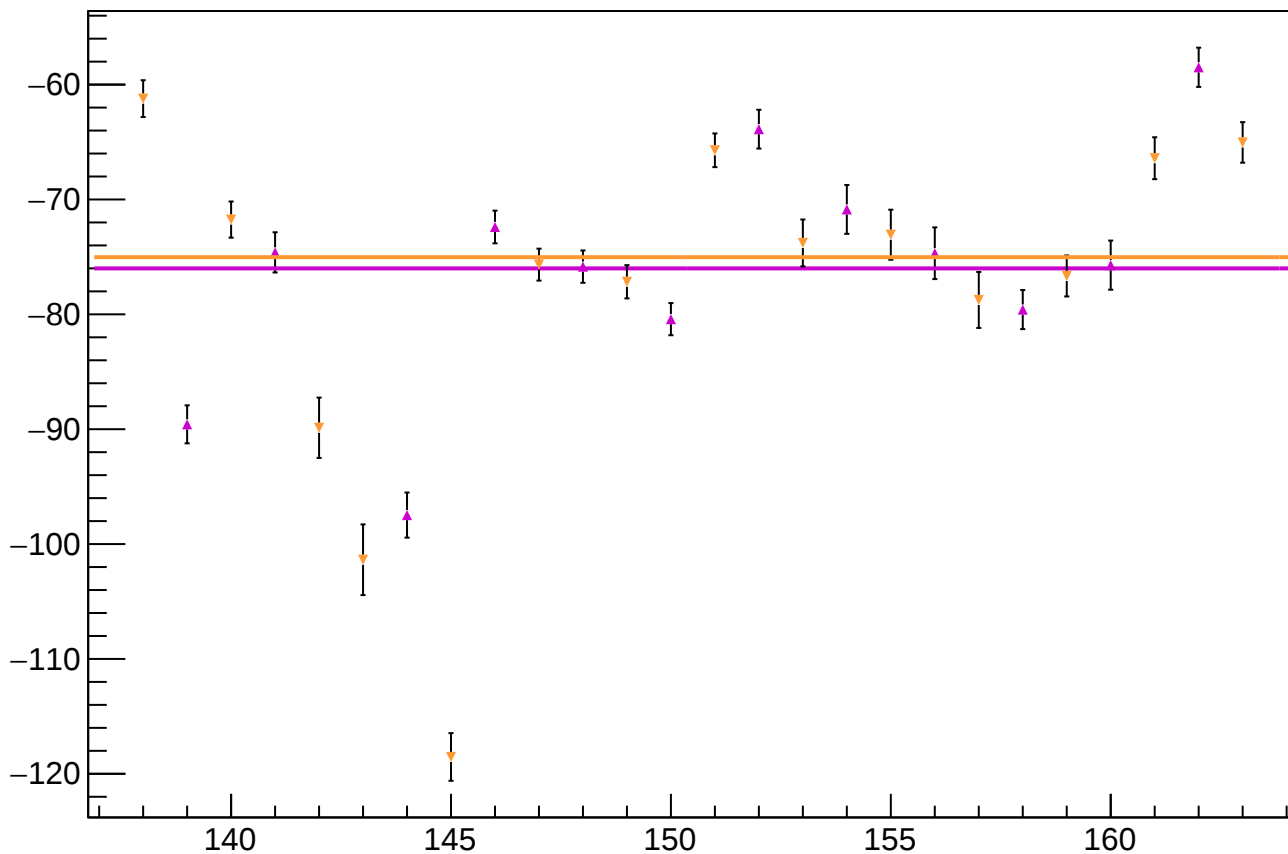
Right: 0.002 $\pm$ 0.002 χ^2/NDF : 53.0/34

In: 0.008 $\pm$ 0.001 χ^2/NDF : 50.2/28

Out: 0.008 $\pm$ 0.001 χ^2/NDF : 36.7/31

All: 0.008 $\pm$ 0.001 χ^2/NDF : 87.0/60

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



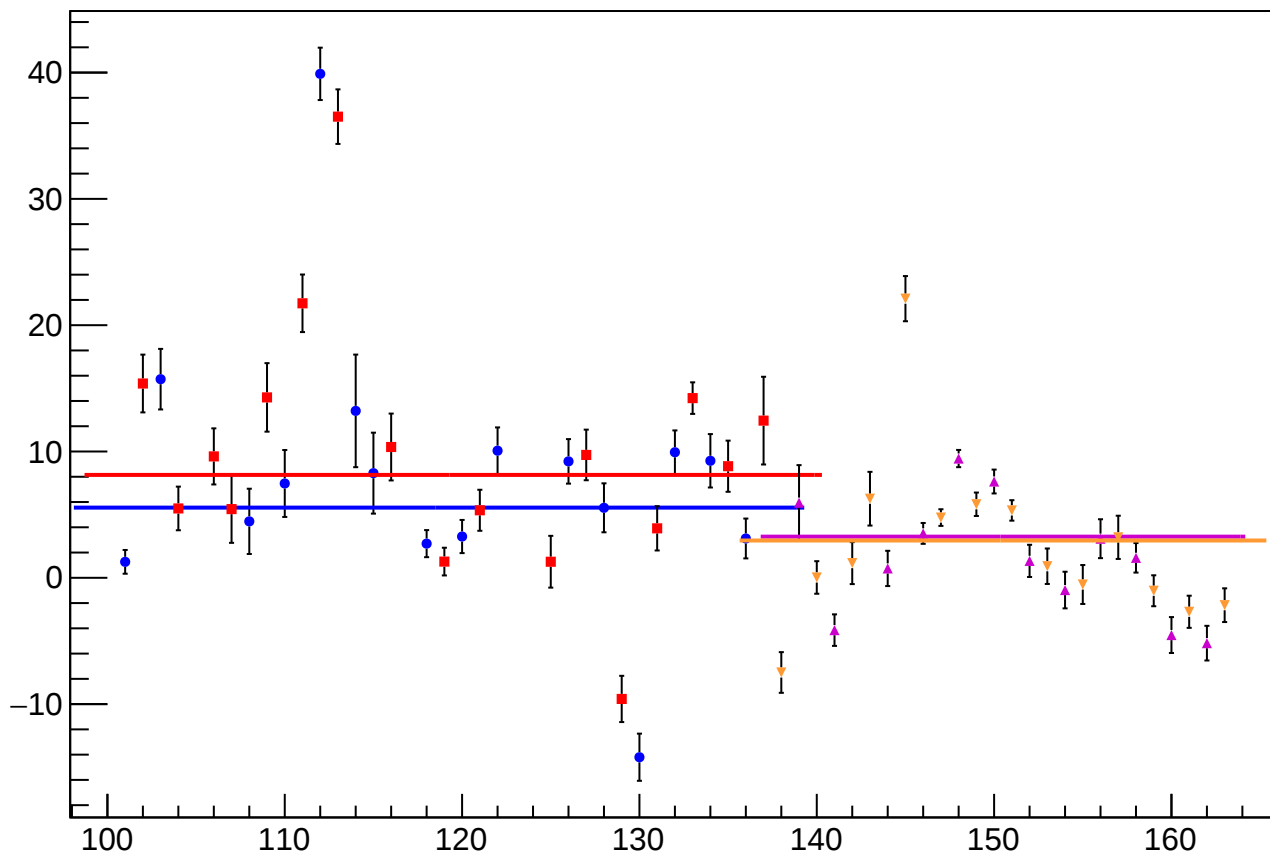
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -75.023 $\pm$ 0.483 χ^2 /NDF:724.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -76.001 $\pm$ 0.492 χ^2 /NDF:371.2/11

Left: -75.503 $\pm$ 0.344 χ^2 /NDF: 1097.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -76.001 $\pm$ 0.492 χ^2 /NDF:371.2/11
 Out: -75.023 $\pm$ 0.483 χ^2 /NDF:724.7/13

All: -75.503 $\pm$ 0.344 χ^2 /NDF: 1097.9/25

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 2.954 $\pm$ 0.316 χ^2 /NDF:243.4/13

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 3.259 $\pm$ 0.328 χ^2 /NDF:223.5/11

Left: 3.101 $\pm$ 0.228 χ^2 /NDF: 467.3/25

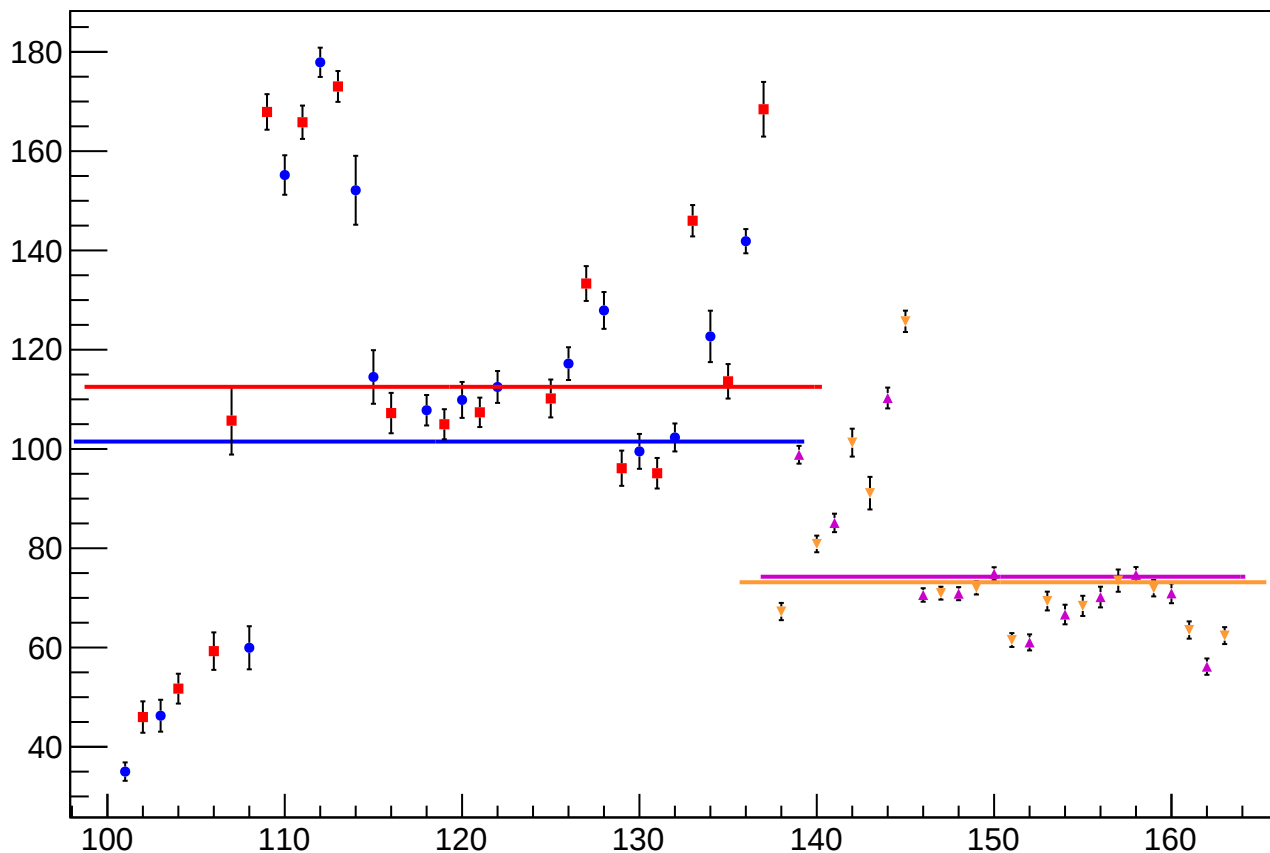
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 4.120 $\pm$ 0.260 χ^2 /NDF:703.9/27

Out: 4.650 $\pm$ 0.260 χ^2 /NDF:738.1/30

All: 4.385 $\pm$ 0.184 χ^2 /NDF: 1444.1/58

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: 73.154 $\pm$ 0.470 χ^2/NDF :911.5/13

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 74.267 $\pm$ 0.475 χ^2/NDF :739.8/11

Left: 73.703 $\pm$ 0.334 χ^2/NDF : 1654.1/25

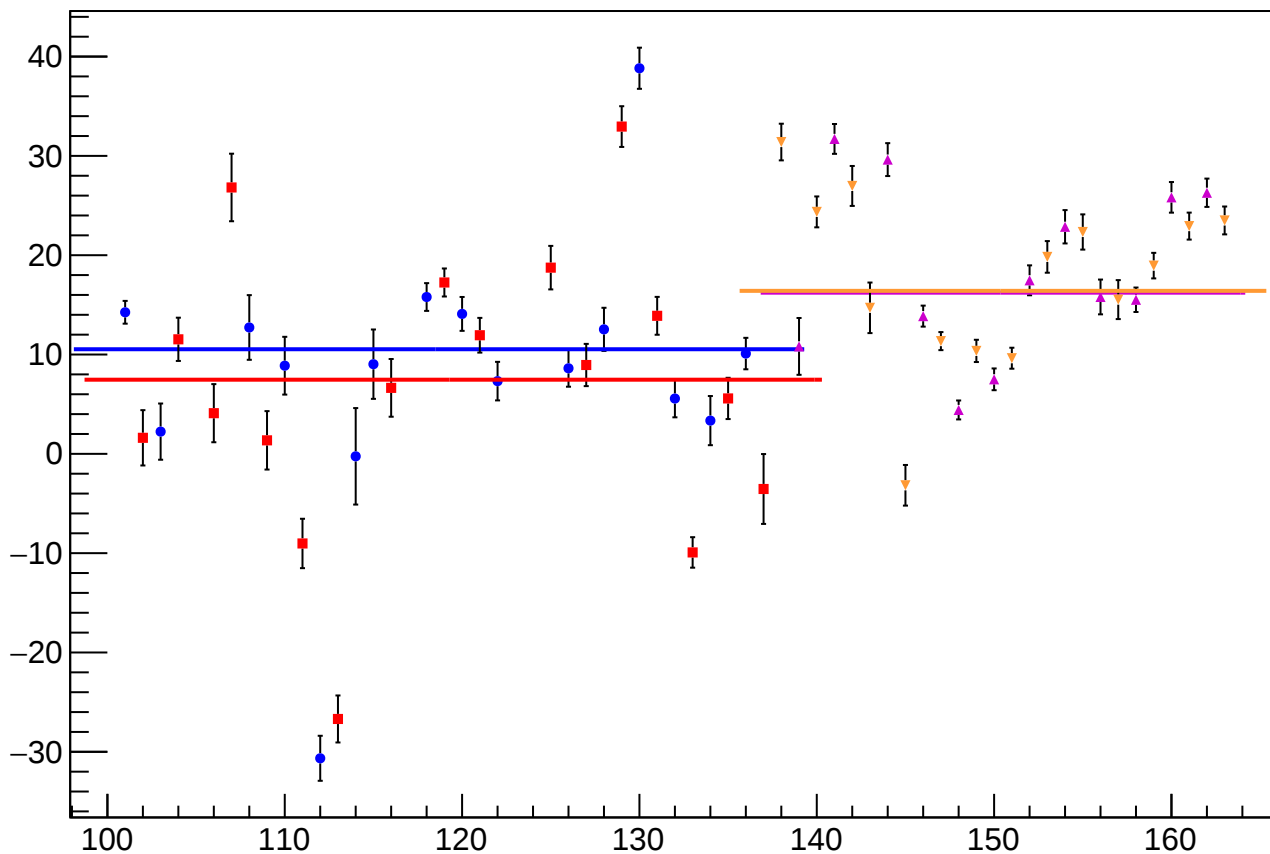
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 81.266 $\pm$ 0.410 χ^2/NDF :4556.0/27

Out: 82.472 $\pm$ 0.410 χ^2/NDF :4812.2/30

All: 81.868 $\pm$ 0.290 χ^2/NDF : 9372.5/58

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 16.411 ± 0.381 $\chi^2/\text{NDF}: 381.4/13$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 16.227 ± 0.394 $\chi^2/\text{NDF}: 502.2/11$

Left: 16.322 ± 0.274 $\chi^2/\text{NDF}: 883.7/25$

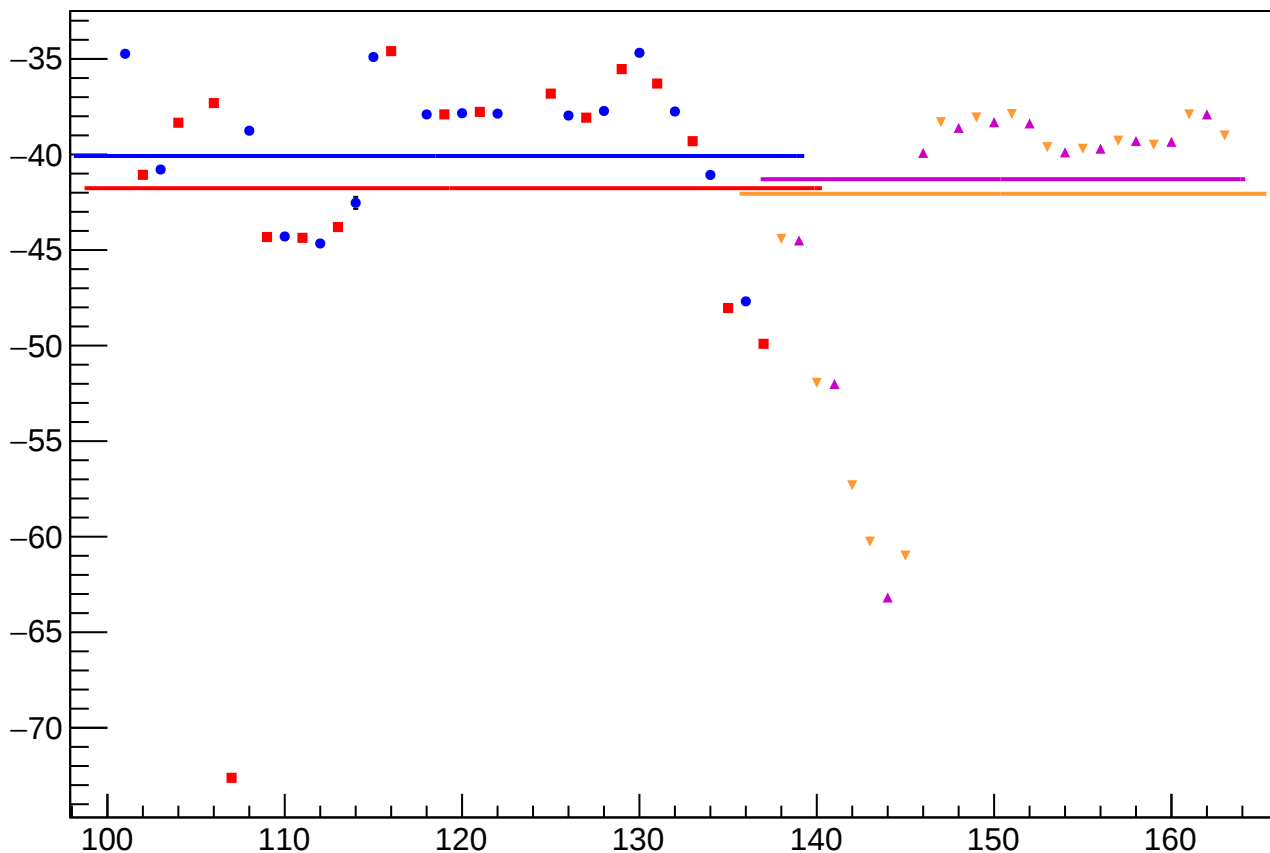
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 14.009 ± 0.308 $\chi^2/\text{NDF}: 1164.0/27$

Out: 13.322 ± 0.309 $\chi^2/\text{NDF}: 1256.4/30$

All: 13.667 ± 0.218 $\chi^2/\text{NDF}: 2422.9/58$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -42.055 ± 0.019 χ^2/NDF : 130820.1/13

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -41.292 ± 0.019 χ^2/NDF : 92615.7/11

Left: -41.674 ± 0.013 χ^2/NDF : 224262.8/25

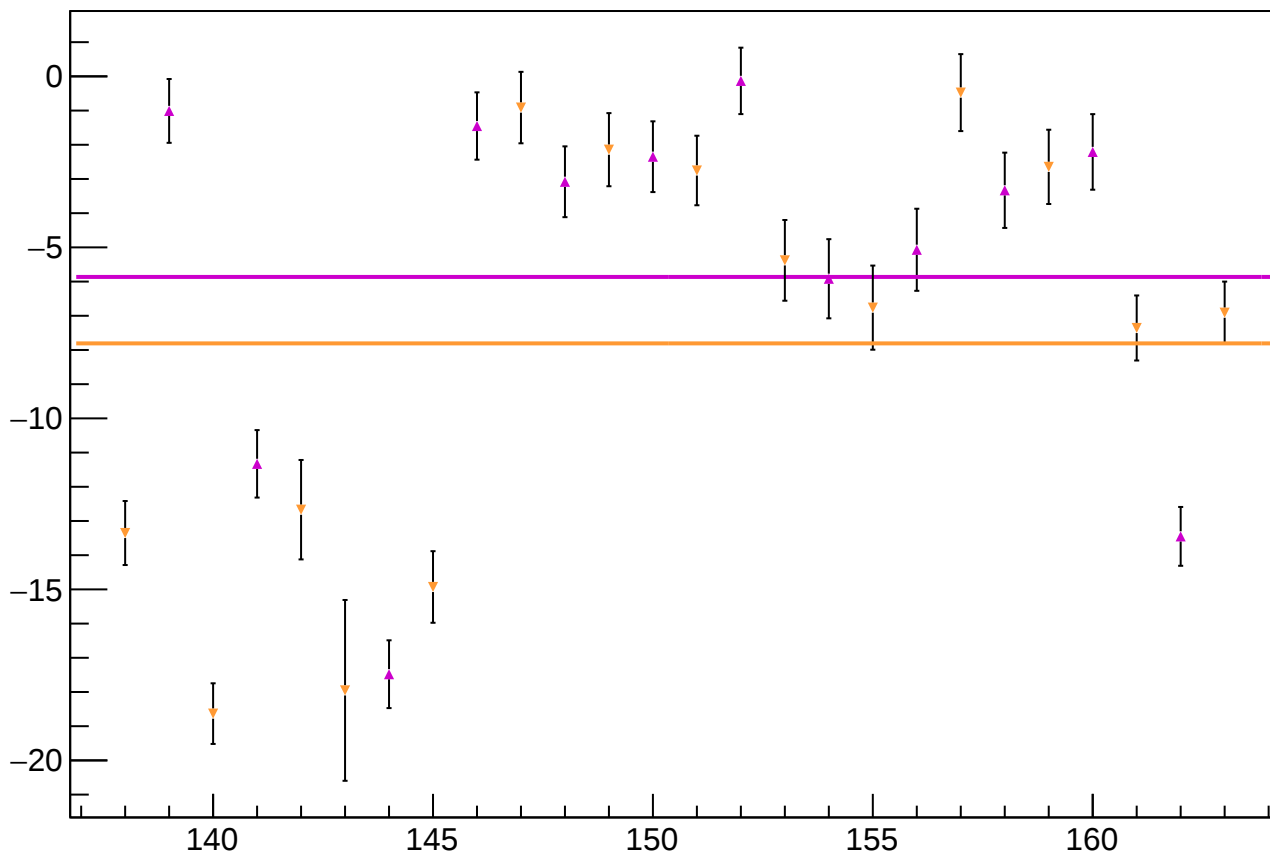
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -40.919 ± 0.016 χ^2/NDF : 119043.5/27

Out: -41.969 ± 0.016 χ^2/NDF : 191141.3/30

All: -41.441 ± 0.011 χ^2/NDF : 312422.3/58

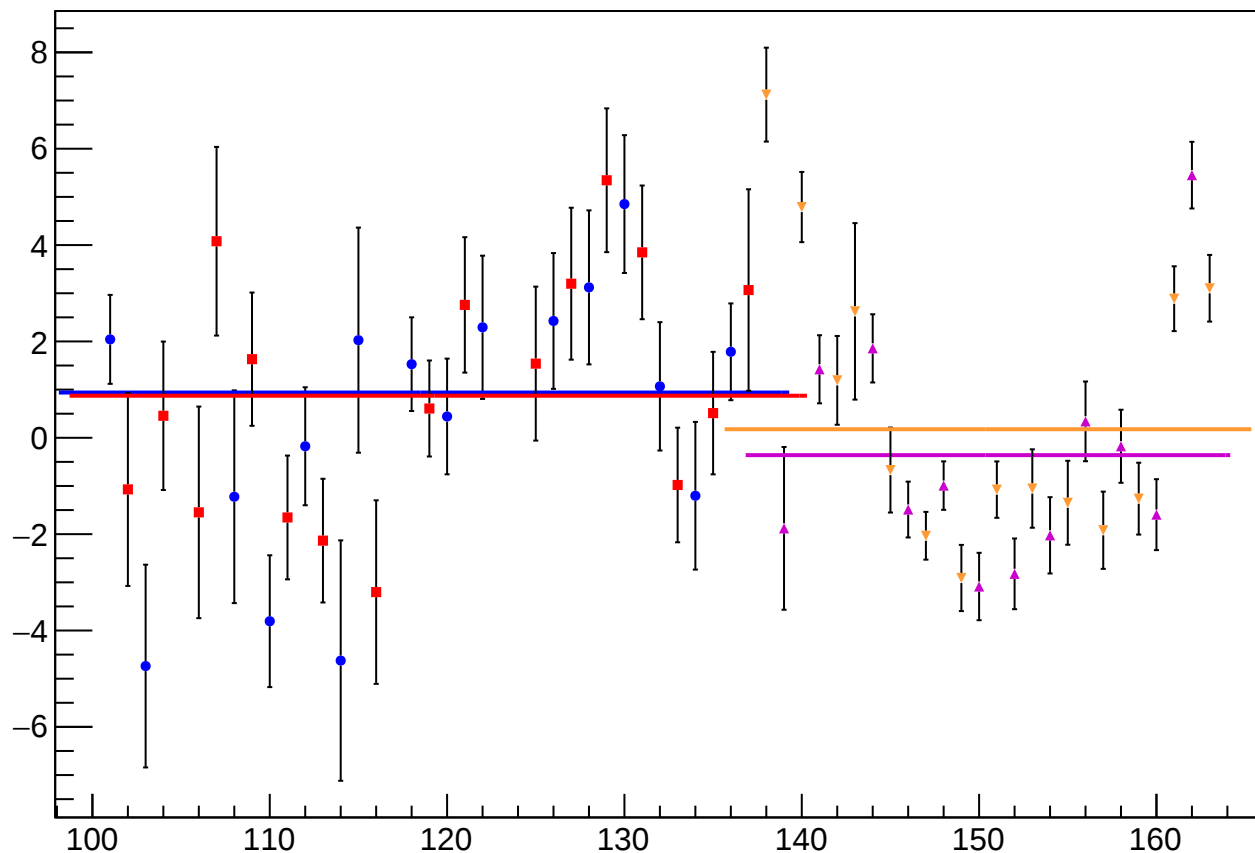
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.807 $\pm$ 0.288 χ^2 /NDF:424.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.864 $\pm$ 0.294 χ^2 /NDF:363.3/11

Left: -6.854 $\pm$ 0.206 χ^2 /NDF: 809.5/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.864 $\pm$ 0.294 χ^2 /NDF:363.3/11
 Out: -7.807 $\pm$ 0.288 χ^2 /NDF:424.0/13
 All: -6.854 $\pm$ 0.206 χ^2 /NDF: 809.5/25

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 $\pm$ 0.339 χ^2/NDF : 42.2/15

Left Out: 0.178 $\pm$ 0.199 χ^2/NDF :189.5/13

Right Out: 0.873 $\pm$ 0.354 χ^2/NDF : 40.6/16

Left In: -0.360 $\pm$ 0.204 χ^2/NDF :127.4/11

Left: -0.084 $\pm$ 0.143 χ^2/NDF : 320.5/25

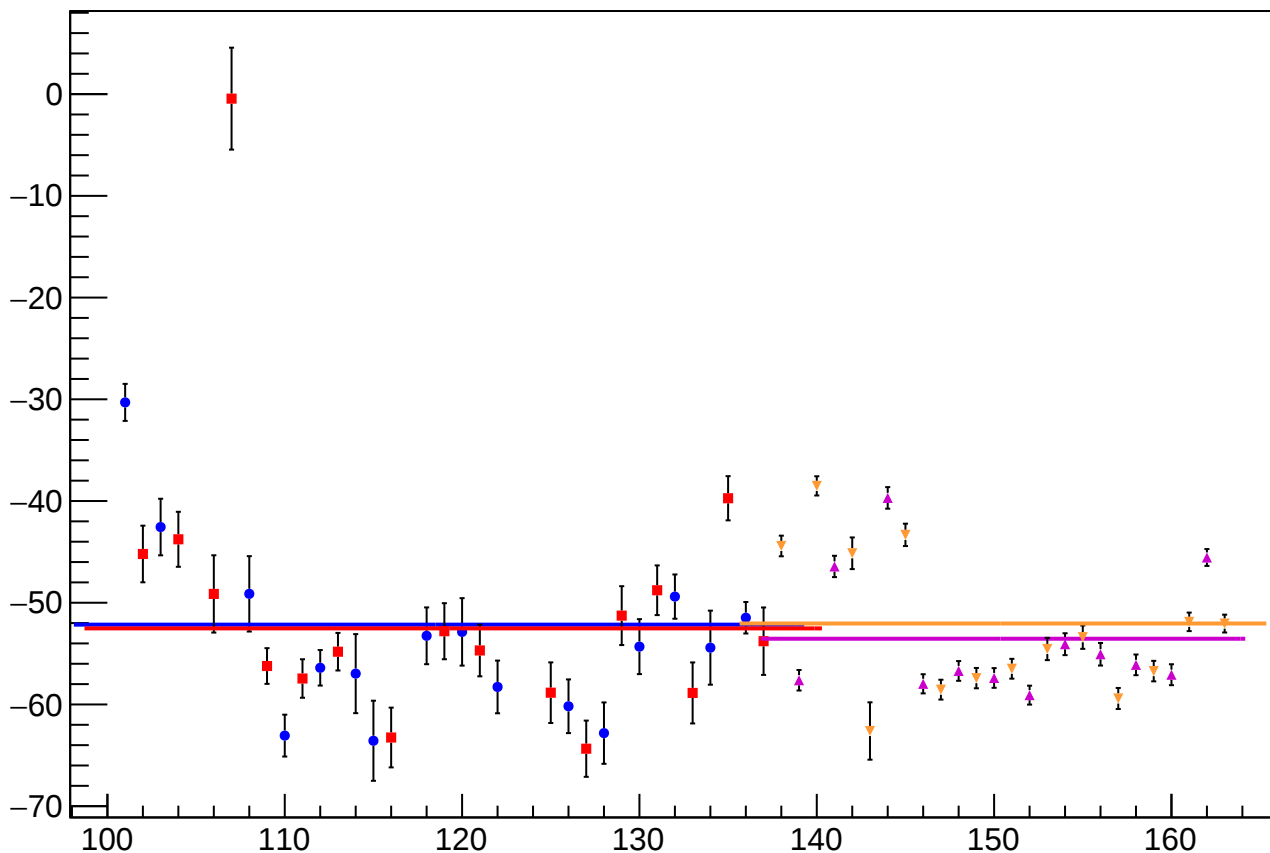
Right: 0.908 $\pm$ 0.245 χ^2/NDF : 82.8/32

In: -0.013 $\pm$ 0.175 χ^2/NDF :180.4/27

Out: 0.345 $\pm$ 0.173 χ^2/NDF :233.0/30

All: 0.168 $\pm$ 0.123 χ^2/NDF : 415.5/58

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: -52.041 ± 0.282 χ^2/NDF : 531.3/13

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -53.539 ± 0.286 χ^2/NDF : 430.3/11

Left: -52.780 ± 0.201 χ^2/NDF : 975.6/25

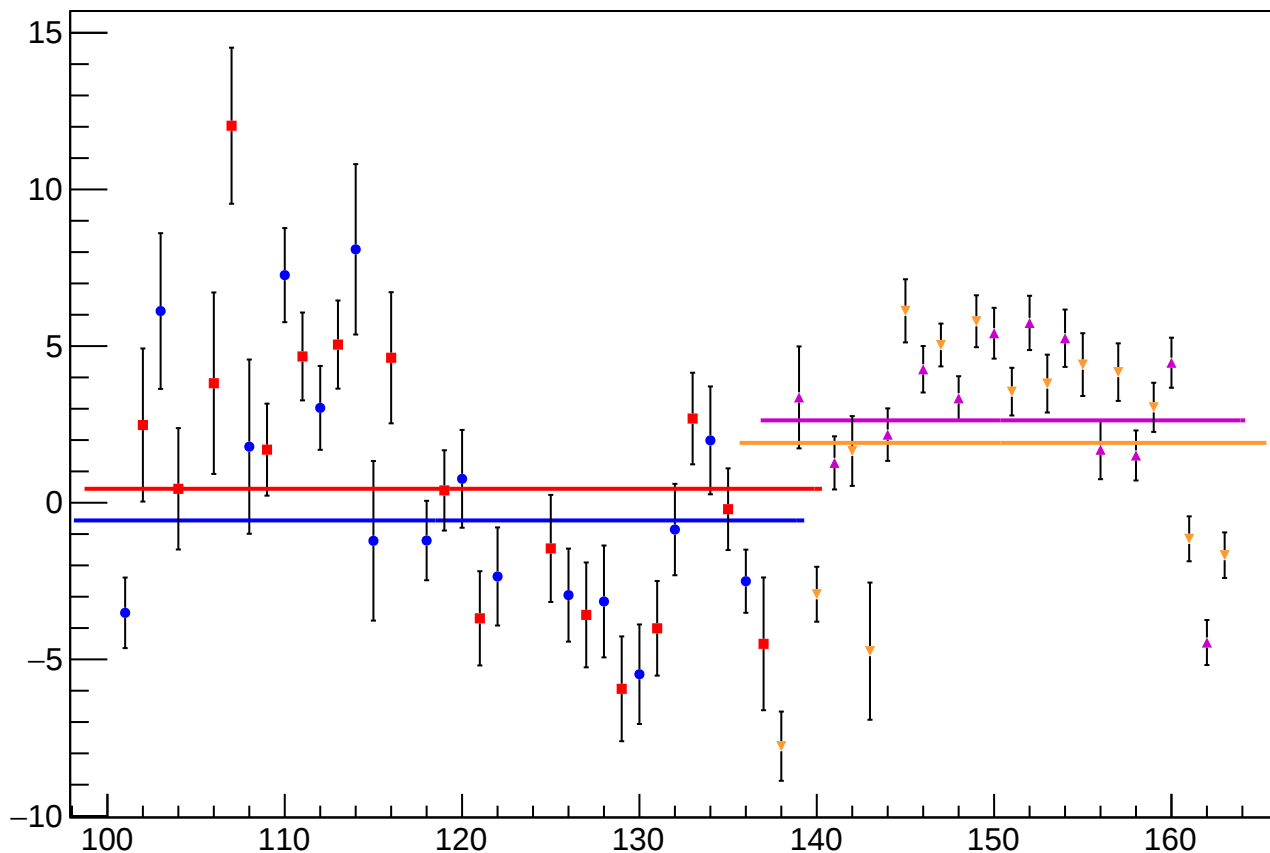
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.292 ± 0.259 χ^2/NDF : 665.6/27

Out: -52.124 ± 0.256 χ^2/NDF : 749.5/30

All: -52.702 ± 0.182 χ^2/NDF : 1425.4/58

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: 1.911 ± 0.234 χ^2/NDF : 242.5/13

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 2.629 ± 0.241 χ^2/NDF : 147.3/11

Left: 2.260 ± 0.168 χ^2/NDF : 394.4/25

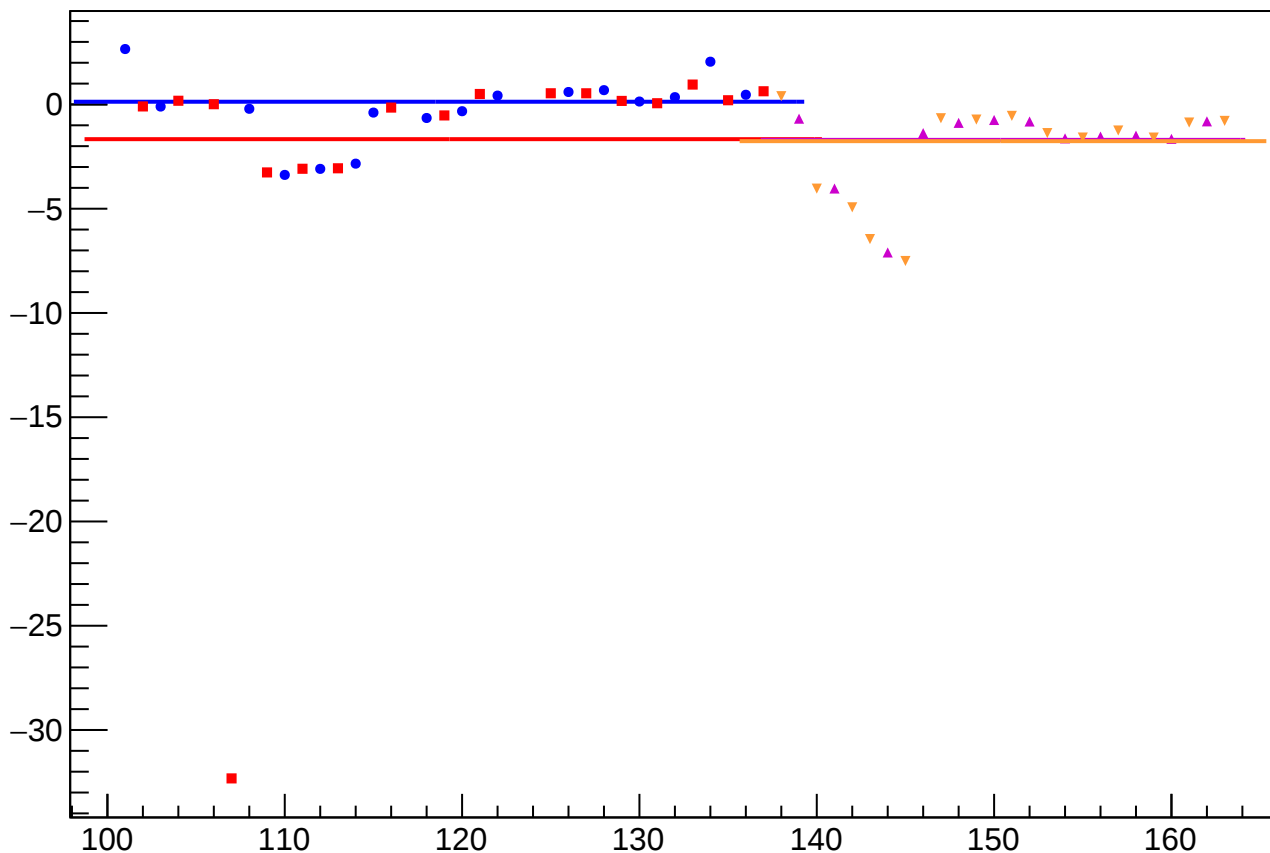
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.731 ± 0.204 χ^2/NDF : 278.8/27

Out: 1.538 ± 0.202 χ^2/NDF : 346.6/30

All: 1.633 ± 0.144 χ^2/NDF : 625.8/58

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -1.760 ± 0.011 $\chi^2/\text{NDF}: 31833.7/13$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -1.699 ± 0.011 $\chi^2/\text{NDF}: 19771.0/11$

Left: -1.730 ± 0.008 $\chi^2/\text{NDF}: 51619.9/25$

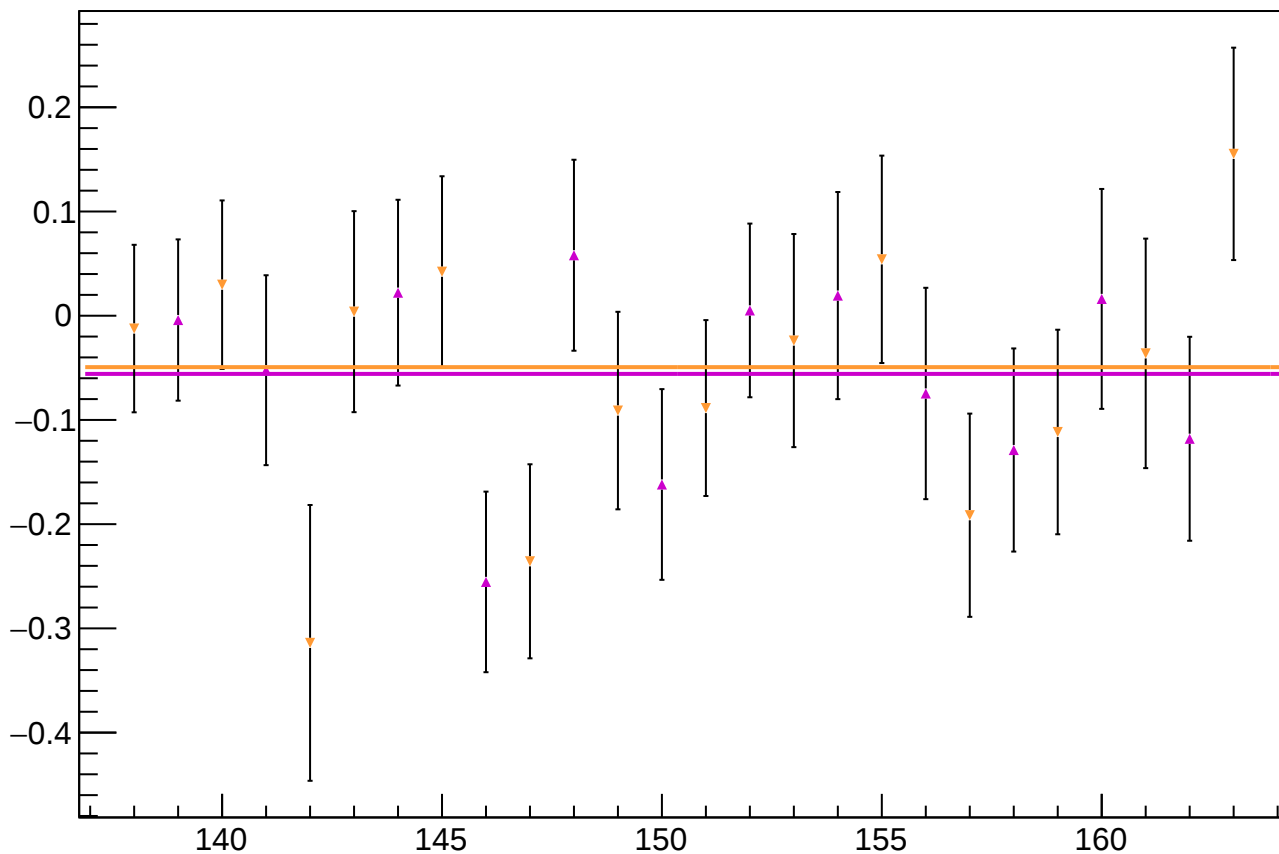
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.312 ± 0.010 $\chi^2/\text{NDF}: 30705.2/27$

Out: -1.741 ± 0.010 $\chi^2/\text{NDF}: 109451.6/30$

All: -1.528 ± 0.007 $\chi^2/\text{NDF}: 141098.4/58$

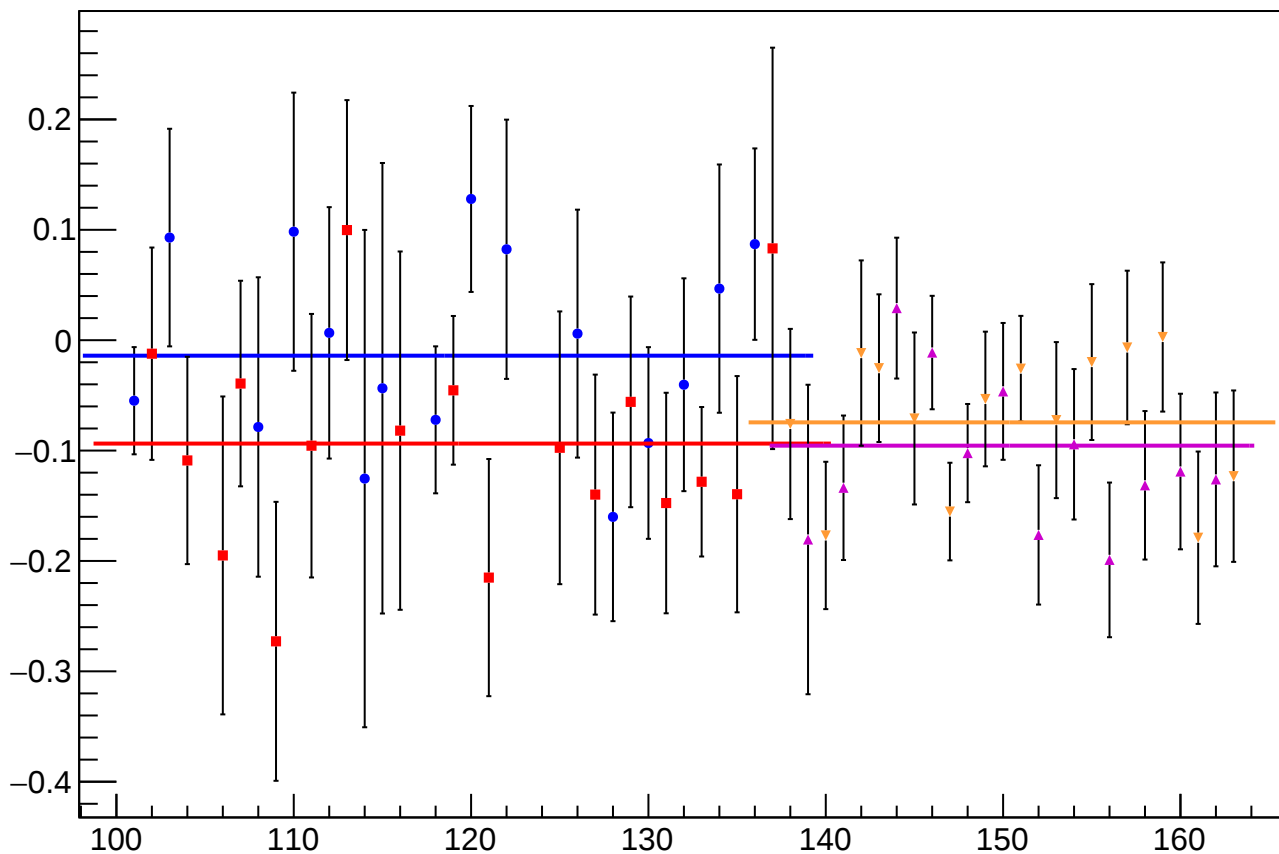
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11

Left: -0.052 $\pm$ 0.018 χ^2 /NDF: 30.6/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11
 Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 All: -0.052 $\pm$ 0.018 χ^2 /NDF: 30.6/25

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.074 ± 0.018 $\chi^2/\text{NDF}: 13.0/13$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.096 ± 0.018 $\chi^2/\text{NDF}: 12.2/11$

Left: -0.084 ± 0.013 $\chi^2/\text{NDF}: 25.9/25$

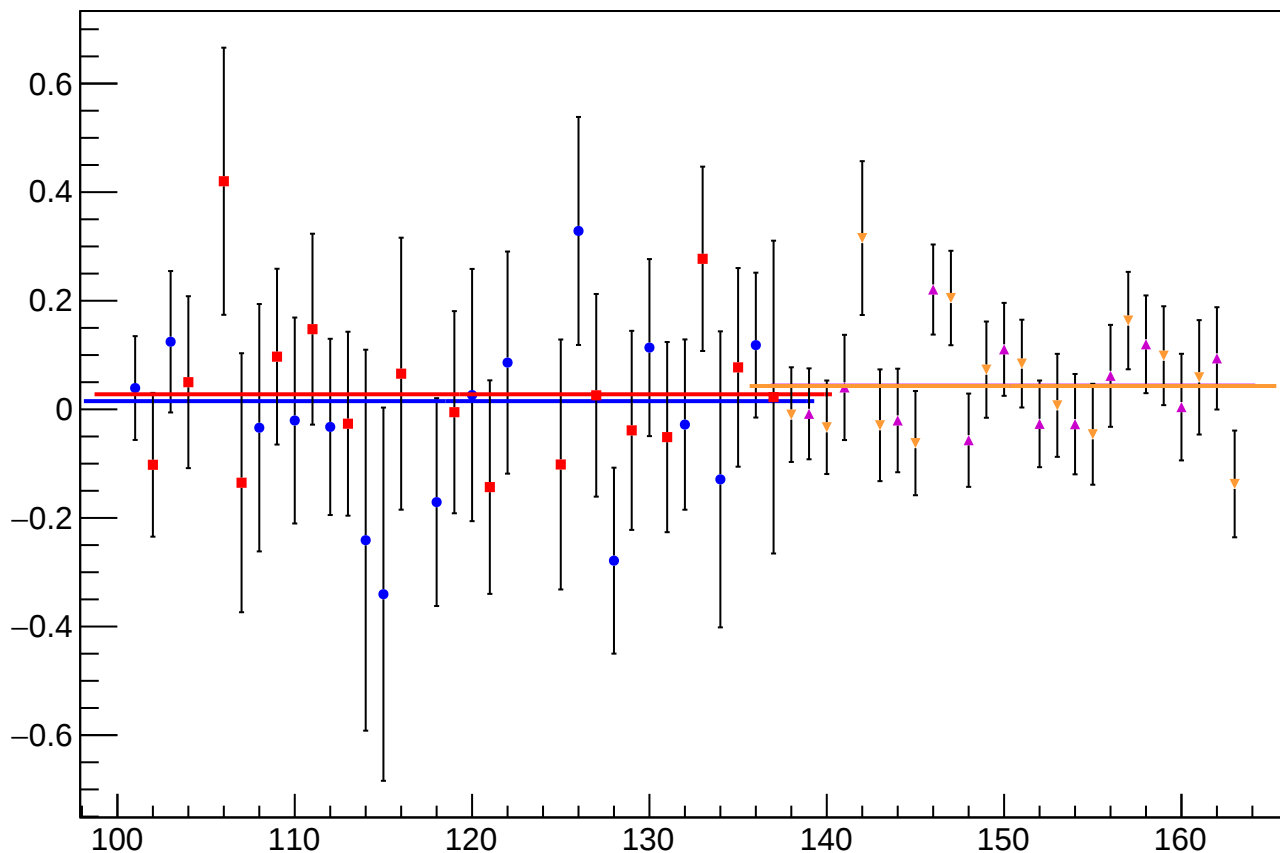
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.064 ± 0.014 $\chi^2/\text{NDF}: 32.2/27$

Out: -0.081 ± 0.014 $\chi^2/\text{NDF}: 23.5/30$

All: -0.073 ± 0.010 $\chi^2/\text{NDF}: 56.4/58$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.043 $\pm$ 0.025 χ^2 /NDF:17.0/13

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.044 $\pm$ 0.026 χ^2 /NDF:9.9/11

Left: 0.043 $\pm$ 0.018 χ^2 /NDF: 27.0/25

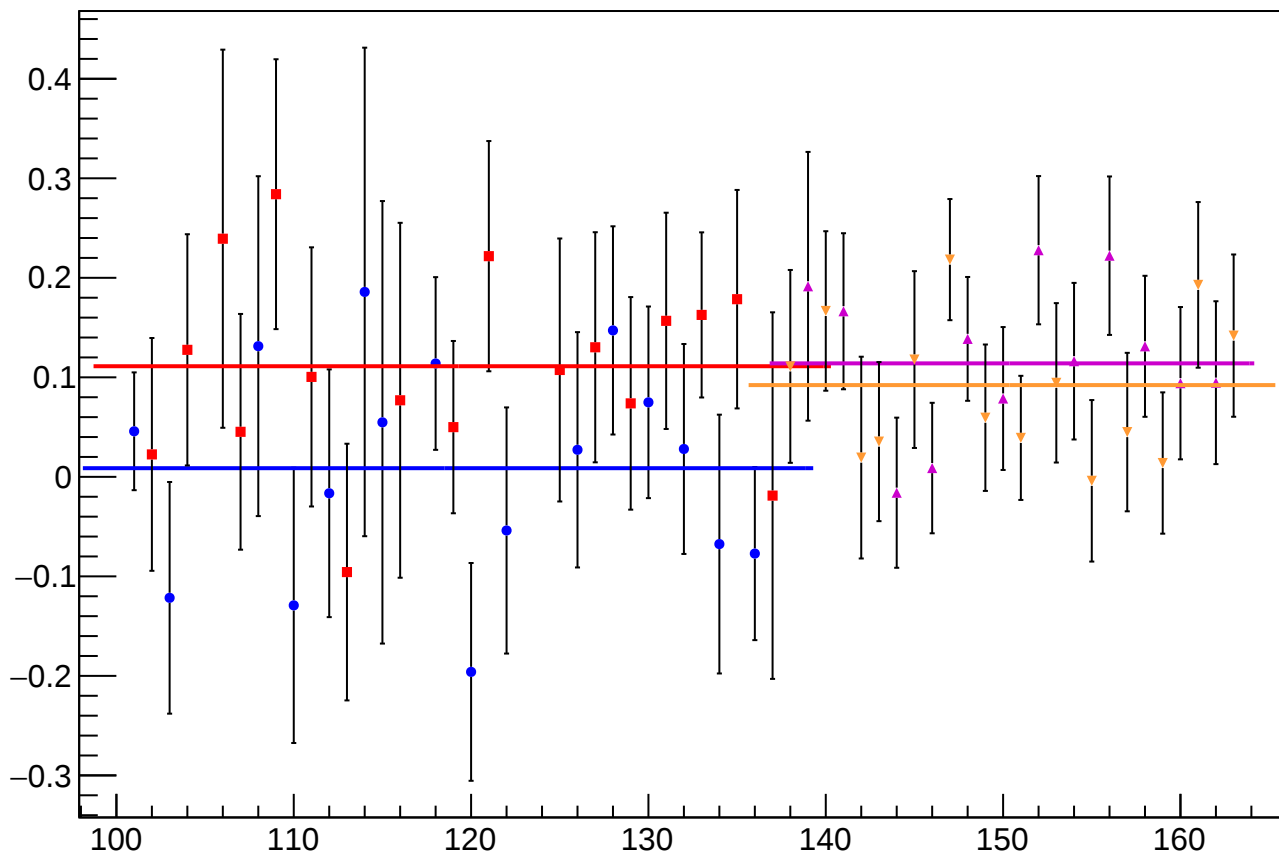
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.036 $\pm$ 0.022 χ^2 /NDF:20.4/27

Out: 0.039 $\pm$ 0.022 χ^2 /NDF:25.5/30

All: 0.038 $\pm$ 0.016 χ^2 /NDF: 45.9/58

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: 0.092 $\pm$ 0.021 χ^2 /NDF:12.0/13

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.114 $\pm$ 0.022 χ^2 /NDF:11.1/11

Left: 0.103 $\pm$ 0.015 χ^2 /NDF: 23.6/25

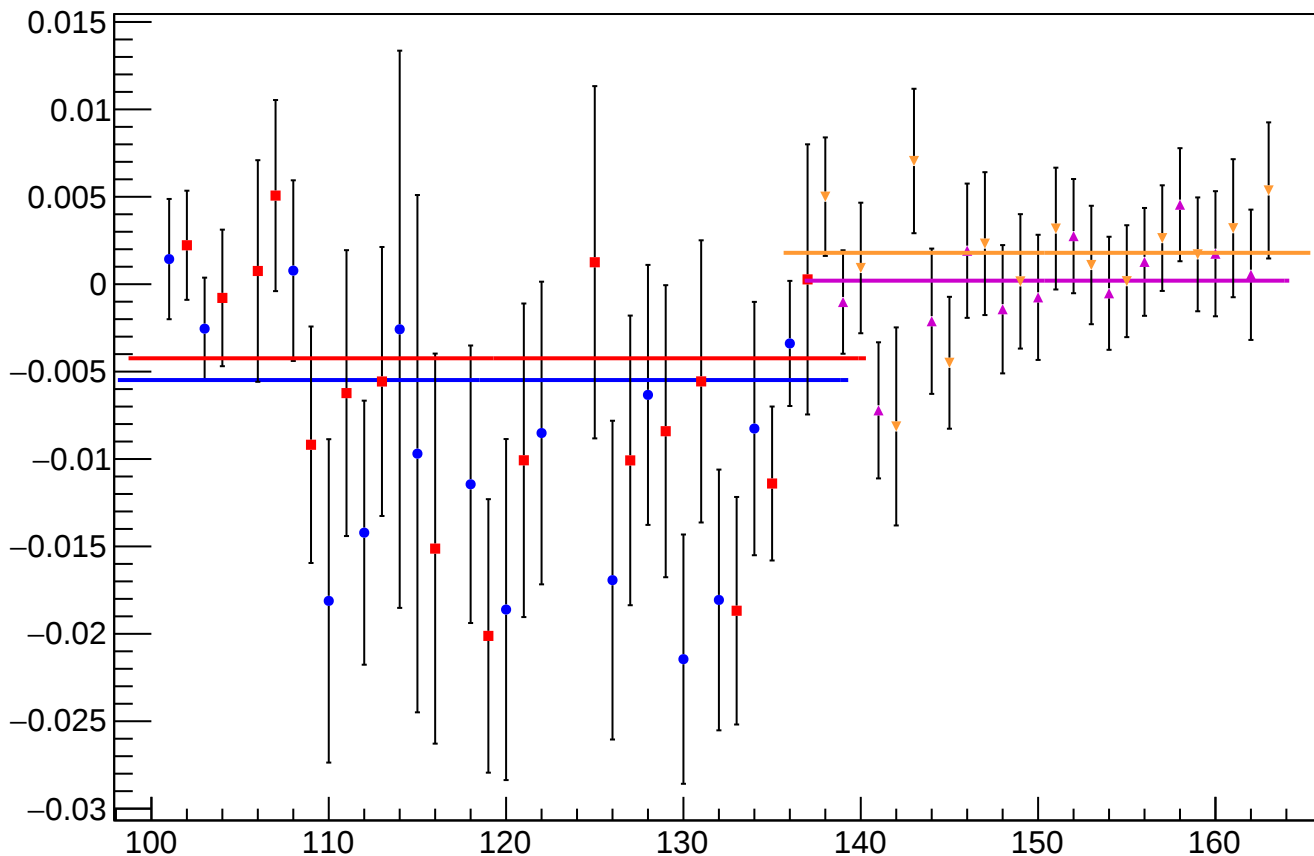
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.072 $\pm$ 0.017 χ^2 /NDF:32.9/27

Out: 0.099 $\pm$ 0.017 χ^2 /NDF:20.9/30

All: 0.086 $\pm$ 0.012 χ^2 /NDF: 55.1/58

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.002 ± 0.001 χ^2/NDF : 10.1/13

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/11

Left: 0.001 ± 0.001 χ^2/NDF : 18.8/25

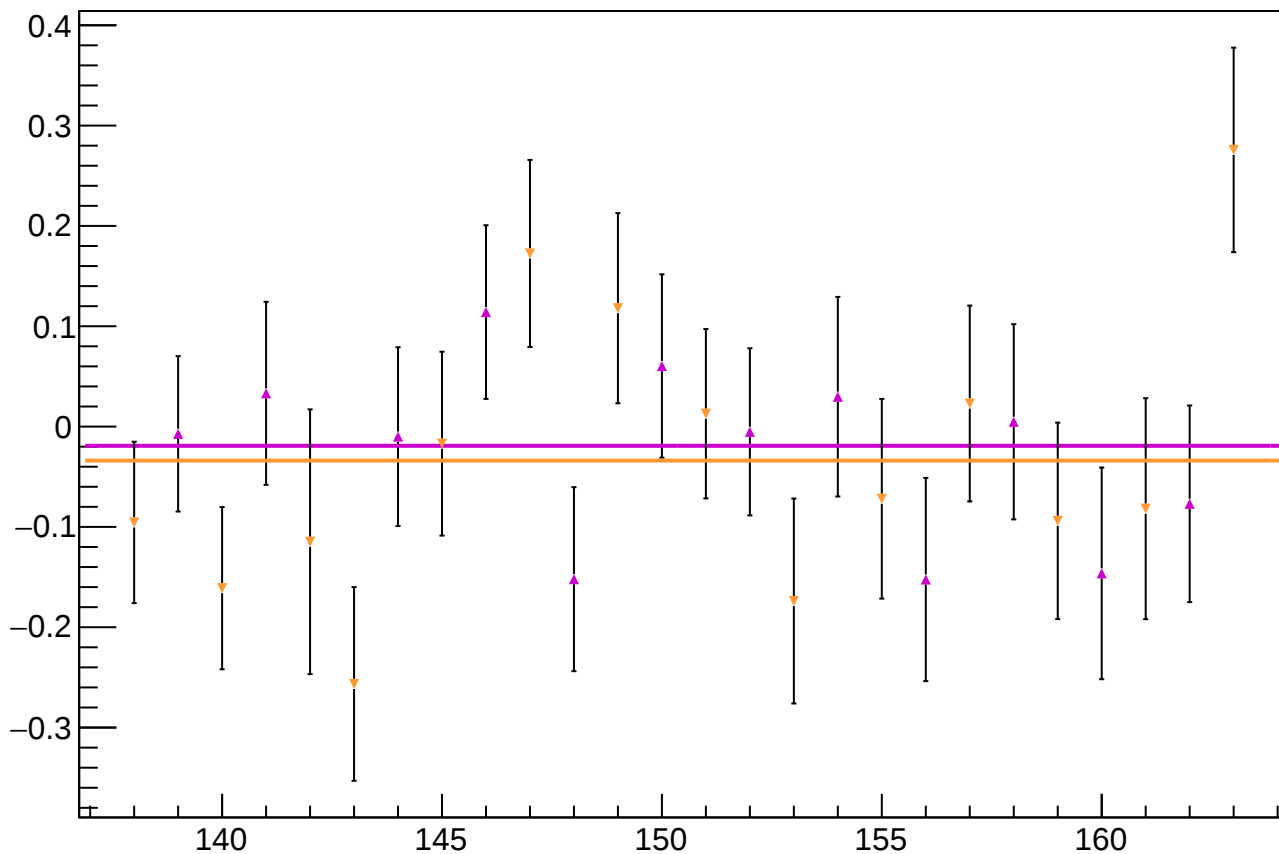
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 40.1/27

Out: -0.000 ± 0.001 χ^2/NDF : 45.5/30

All: -0.001 ± 0.001 χ^2/NDF : 87.5/58

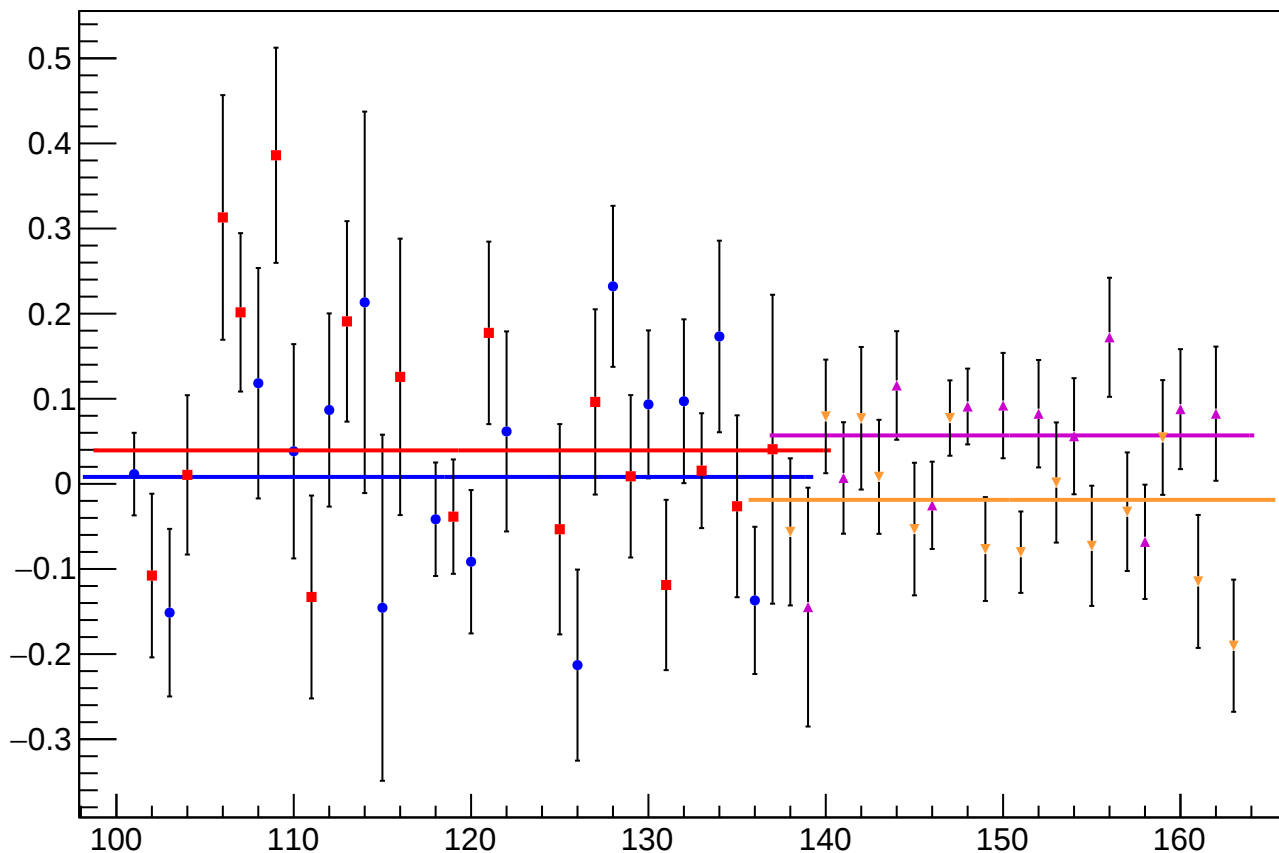
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Left: -0.027 $\pm$ 0.018 χ^2 /NDF: 38.3/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11
 Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 All: -0.027 $\pm$ 0.018 χ^2 /NDF: 38.3/25

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.019 ± 0.018 $\chi^2/\text{NDF}: 19.5/13$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.057 ± 0.018 $\chi^2/\text{NDF}: 13.6/11$

Left: 0.017 ± 0.013 $\chi^2/\text{NDF}: 42.0/25$

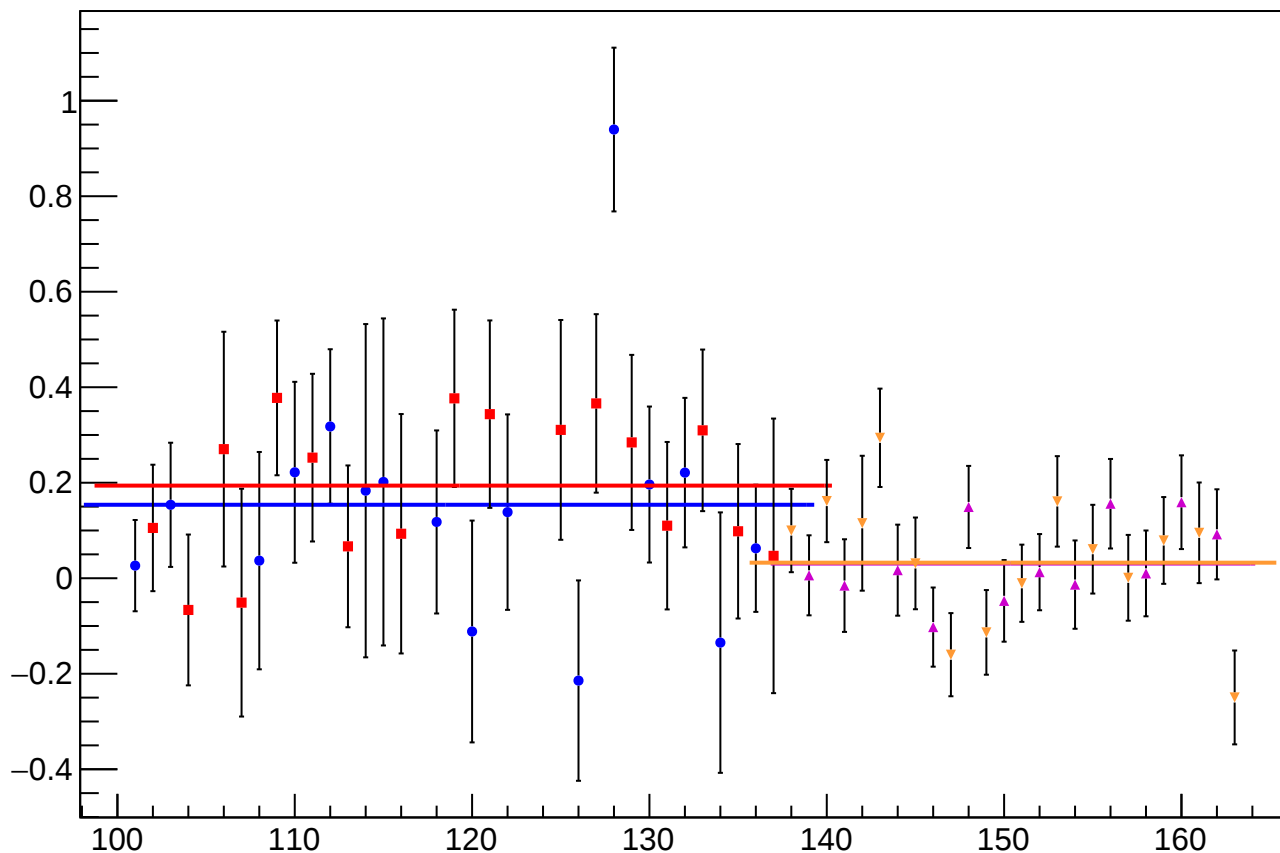
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.038 ± 0.014 $\chi^2/\text{NDF}: 40.0/27$

Out: 0.001 ± 0.014 $\chi^2/\text{NDF}: 50.8/30$

All: 0.019 ± 0.010 $\chi^2/\text{NDF}: 94.2/58$

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: 0.033 $\pm$ 0.025 χ^2 /NDF:28.4/13

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.031 $\pm$ 0.026 χ^2 /NDF:9.9/11

Left: 0.032 $\pm$ 0.018 χ^2 /NDF: 38.3/25

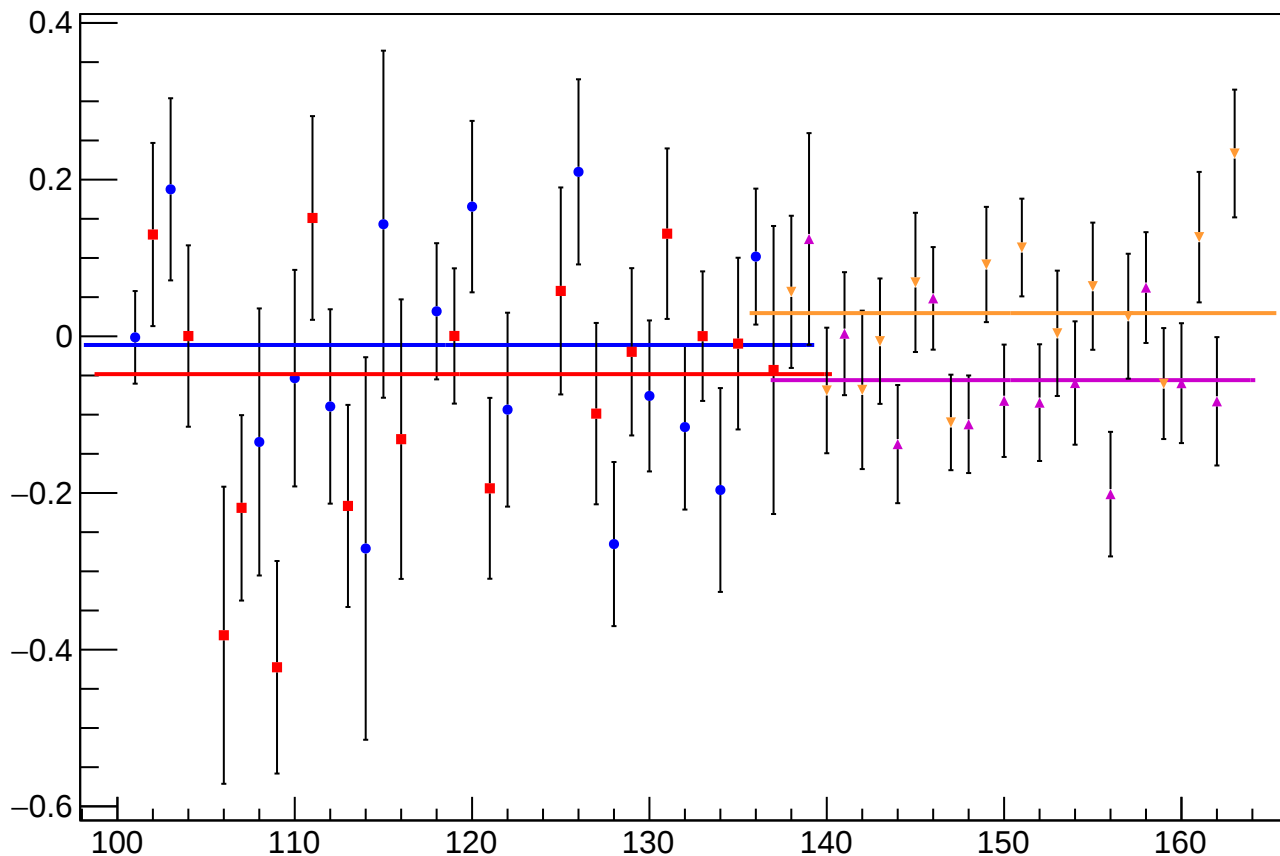
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.063 $\pm$ 0.022 χ^2 /NDF:46.5/27

Out: 0.071 $\pm$ 0.022 χ^2 /NDF:48.8/30

All: 0.067 $\pm$ 0.016 χ^2 /NDF: 95.4/58

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: 0.030 ± 0.021 χ^2/NDF : 20.2/13

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.056 ± 0.022 χ^2/NDF : 13.4/11

Left: -0.011 ± 0.015 χ^2/NDF : 41.7/25

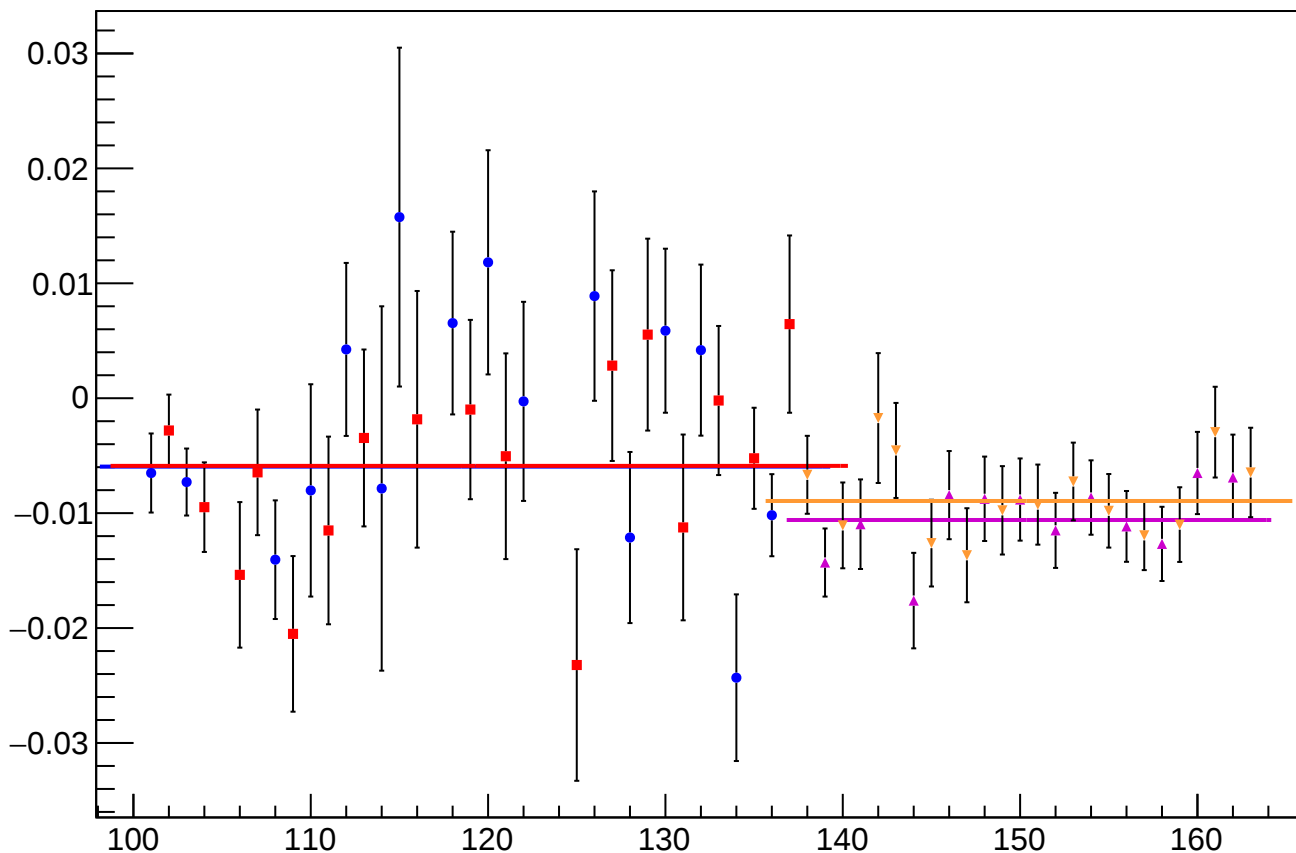
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.038 ± 0.017 χ^2/NDF : 38.5/27

Out: 0.003 ± 0.017 χ^2/NDF : 50.6/30

All: -0.018 ± 0.012 χ^2/NDF : 92.0/58

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 10.3/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 8.4/11

Left: -0.010 ± 0.001 χ^2/NDF : 20.1/25

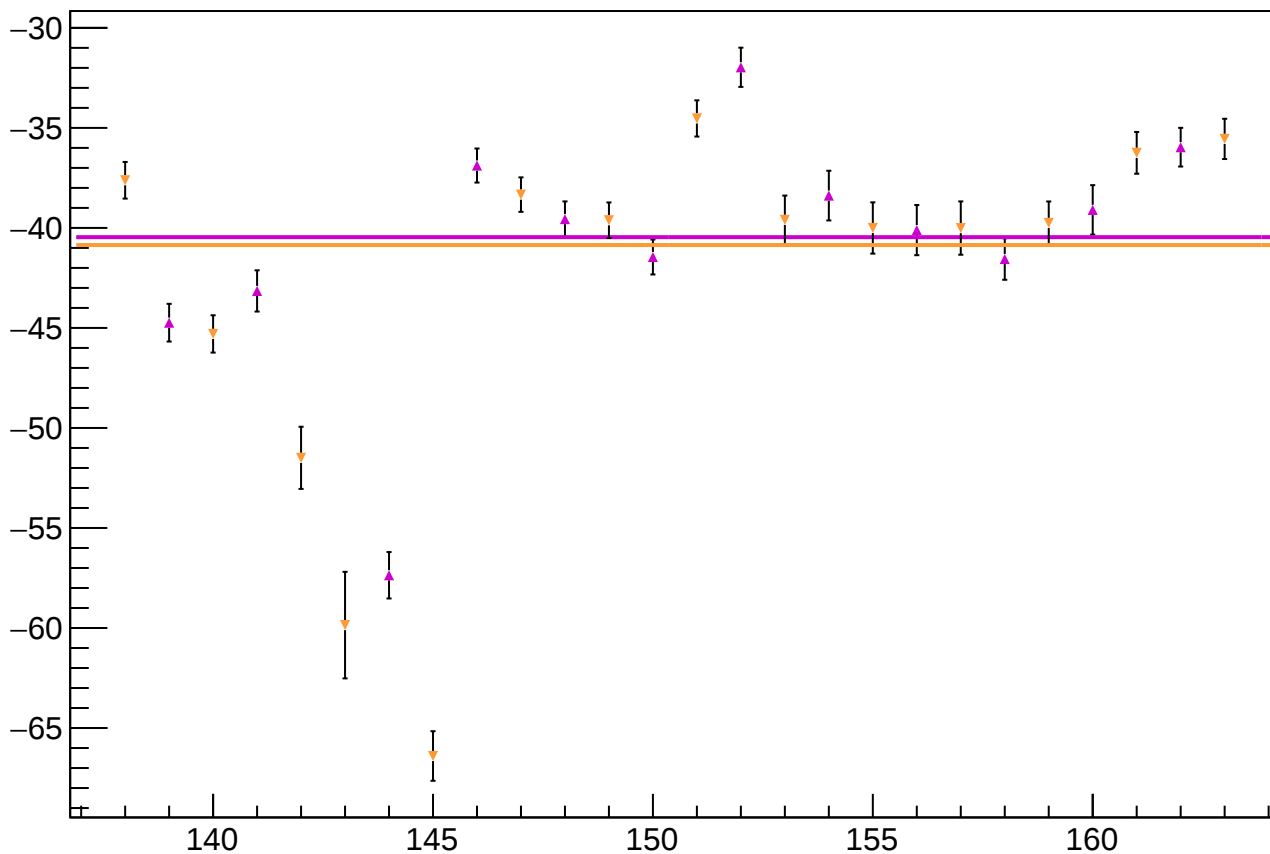
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 44.2/27

Out: -0.008 ± 0.001 χ^2/NDF : 32.8/30

All: -0.009 ± 0.001 χ^2/NDF : 77.9/58

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



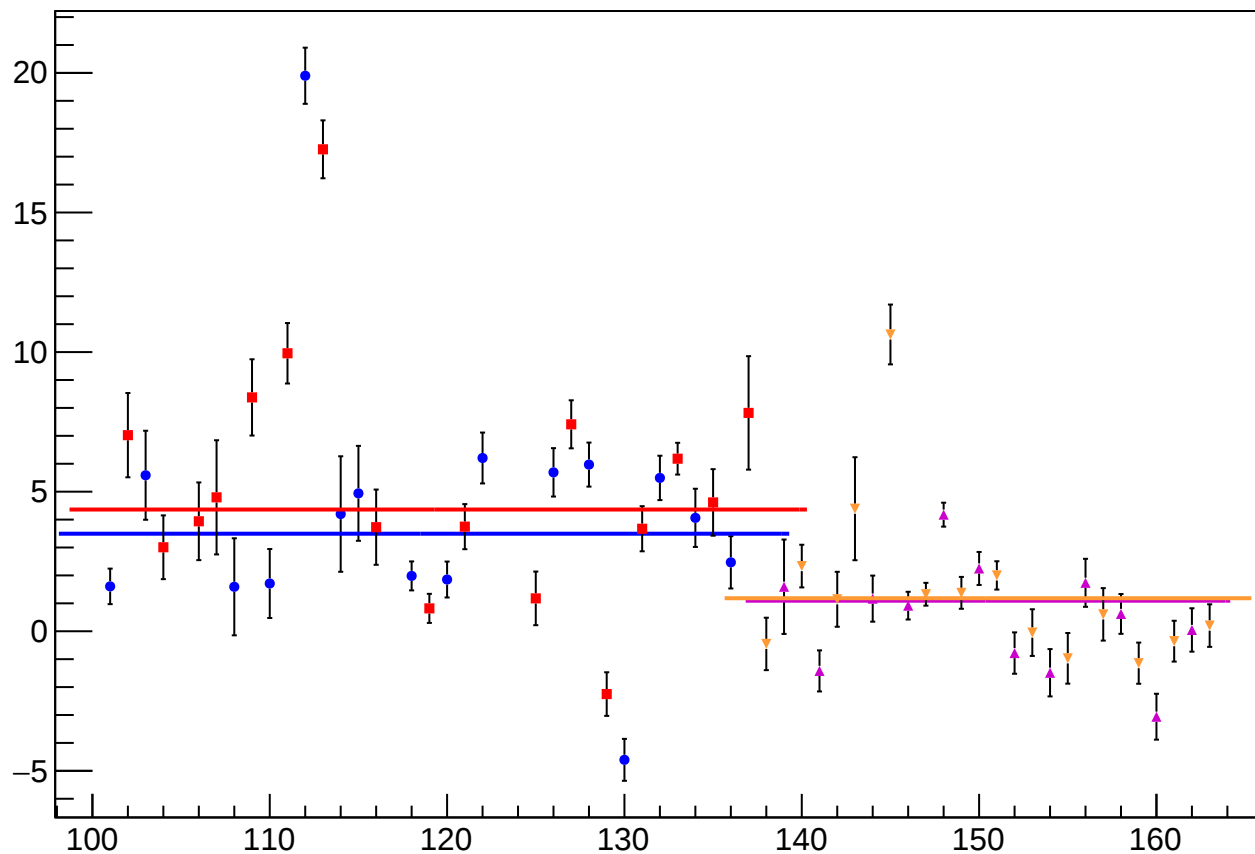
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.856+/-0.289 χ^2/NDF :667.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.462+/-0.292 χ^2/NDF :361.4/11

Left: -40.661+/-0.205 χ^2/NDF : 1029.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.462+/-0.292 χ^2/NDF :361.4/11
 Out: -40.856+/-0.289 χ^2/NDF :667.1/13

All: -40.661+/-0.205 χ^2/NDF : 1029.5/25

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: 1.183 $\pm$ 0.192 χ^2 /NDF:113.2/13

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.095 $\pm$ 0.197 χ^2 /NDF:111.4/11

Left: 1.140 $\pm$ 0.138 χ^2 /NDF: 224.7/25

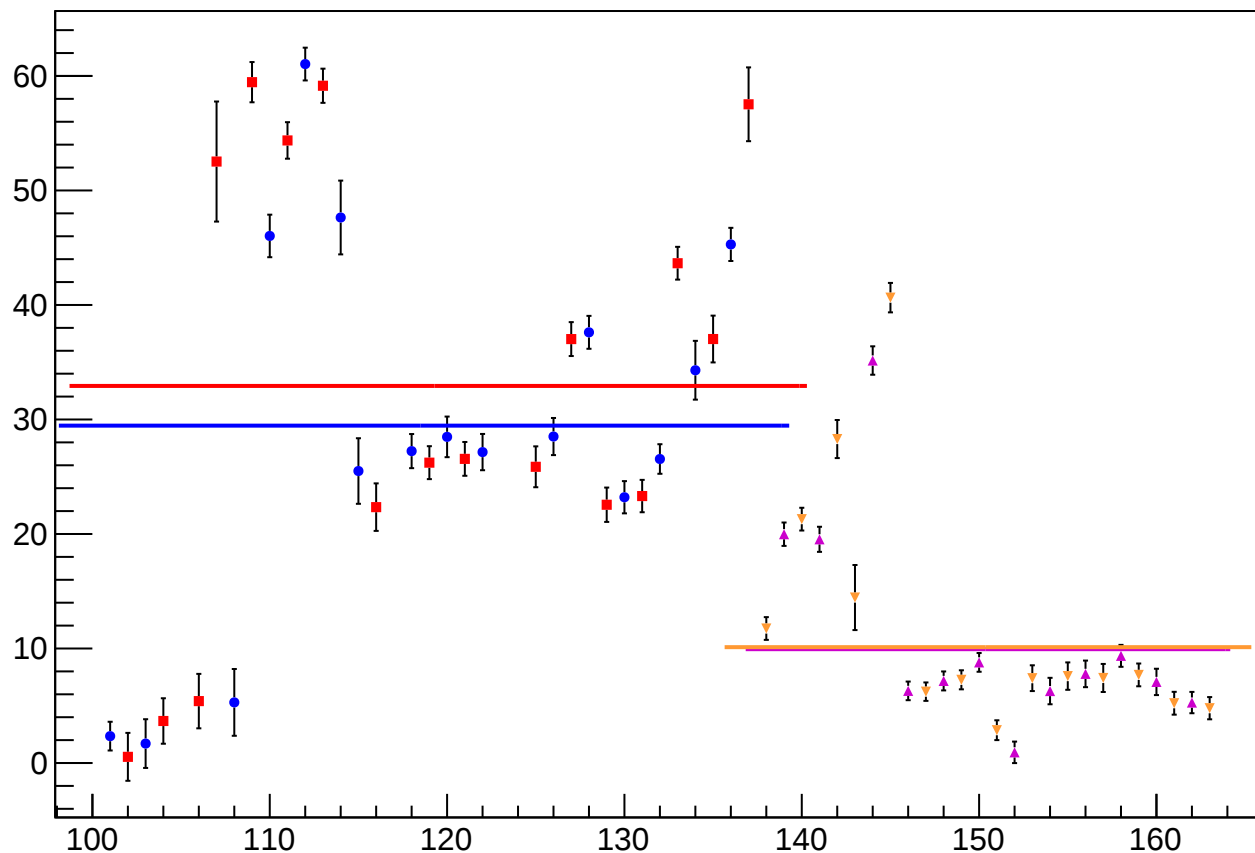
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.177 $\pm$ 0.146 χ^2 /NDF:623.0/27

Out: 2.517 $\pm$ 0.146 χ^2 /NDF:579.4/30

All: 2.347 $\pm$ 0.103 χ^2 /NDF: 1205.1/58

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 10.117 $\pm$ 0.281 χ^2 /NDF:994.8/13

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 9.941 $\pm$ 0.283 χ^2 /NDF:756.5/11

Left: 10.029 $\pm$ 0.199 χ^2 /NDF: 1751.4/25

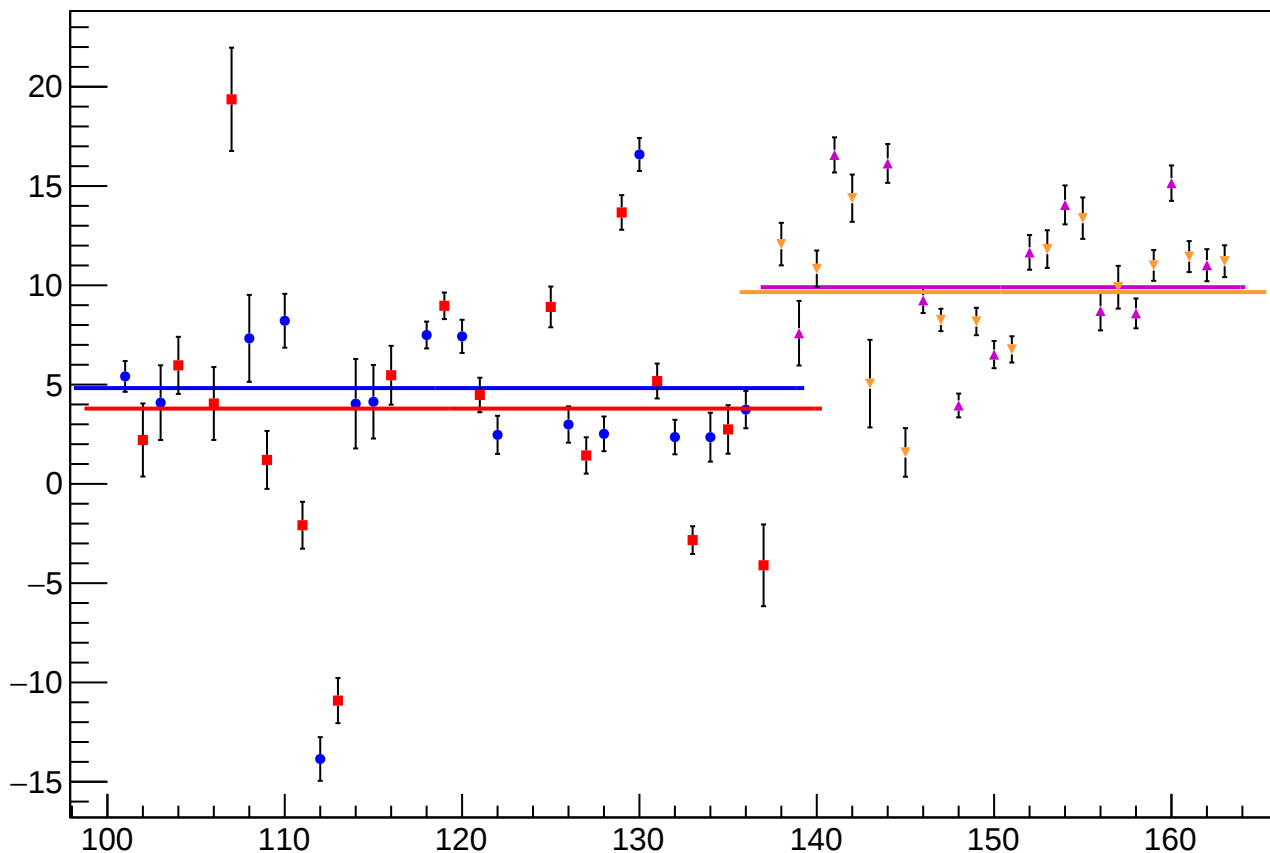
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 16.072 $\pm$ 0.234 χ^2 /NDF:3747.6/27

Out: 17.087 $\pm$ 0.234 χ^2 /NDF:4634.4/30

All: 16.579 $\pm$ 0.165 χ^2 /NDF: 8391.5/58

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: 9.658 ± 0.230 $\chi^2/\text{NDF}: 130.2/13$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.906 ± 0.235 $\chi^2/\text{NDF}: 286.6/11$

Left: 9.779 ± 0.164 $\chi^2/\text{NDF}: 417.3/25$

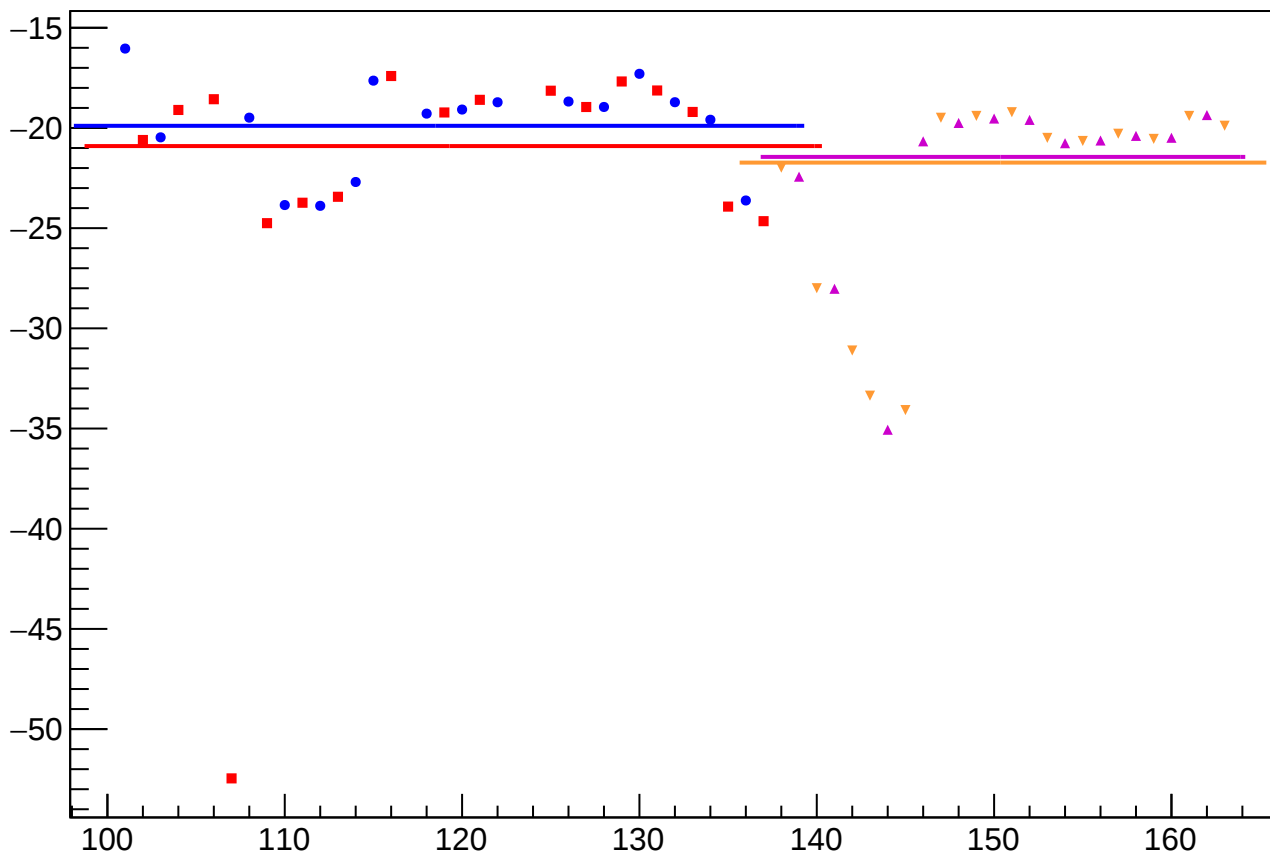
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.534 ± 0.172 $\chi^2/\text{NDF}: 1056.9/27$

Out: 7.074 ± 0.172 $\chi^2/\text{NDF}: 980.9/30$

All: 7.304 ± 0.122 $\chi^2/\text{NDF}: 2041.3/58$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.728 ± 0.011 χ^2/NDF : 132178.3/13

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.444 ± 0.011 χ^2/NDF : 98912.3/11

Left: -21.585 ± 0.008 χ^2/NDF : 231417.4/25

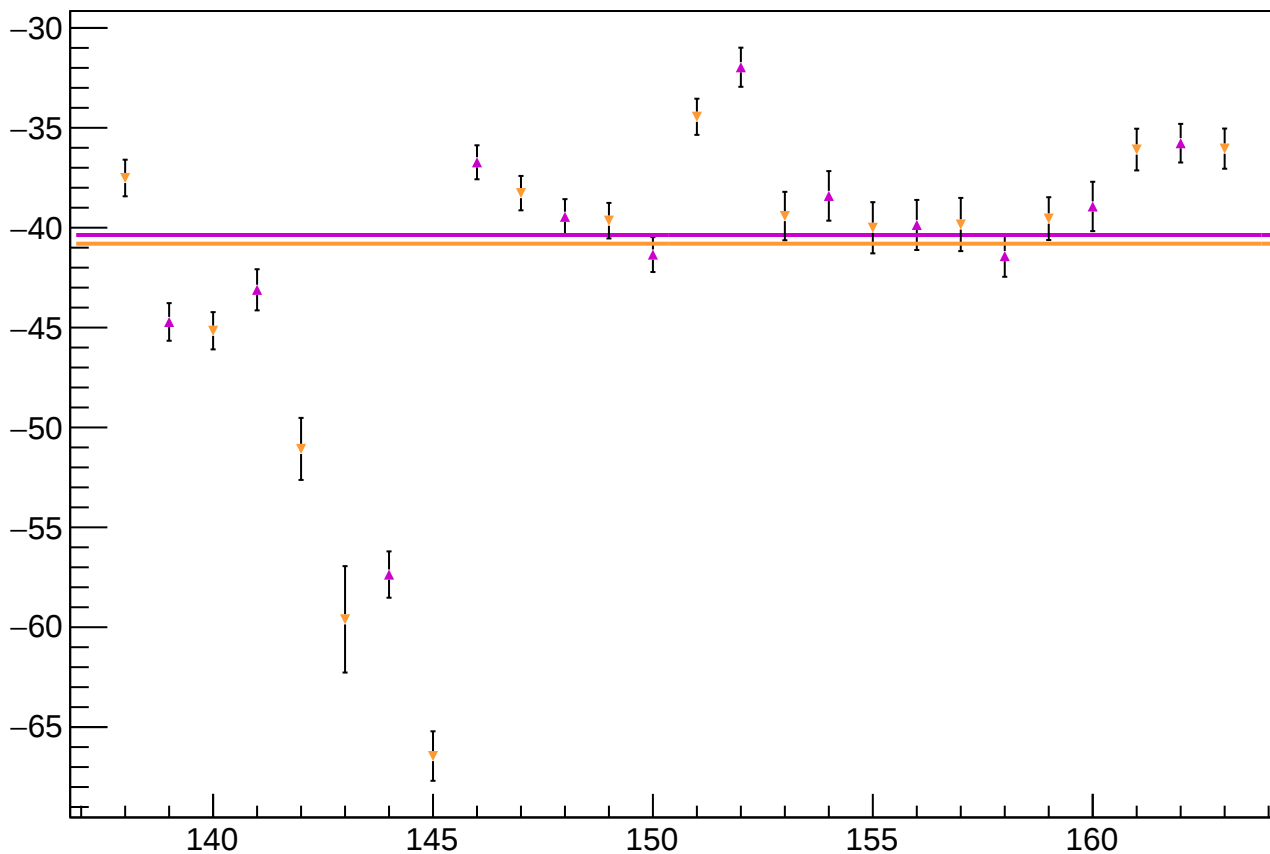
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -20.921 ± 0.009 χ^2/NDF : 131572.4/27

Out: -21.452 ± 0.009 χ^2/NDF : 226808.3/30

All: -21.185 ± 0.006 χ^2/NDF : 360094.8/58

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



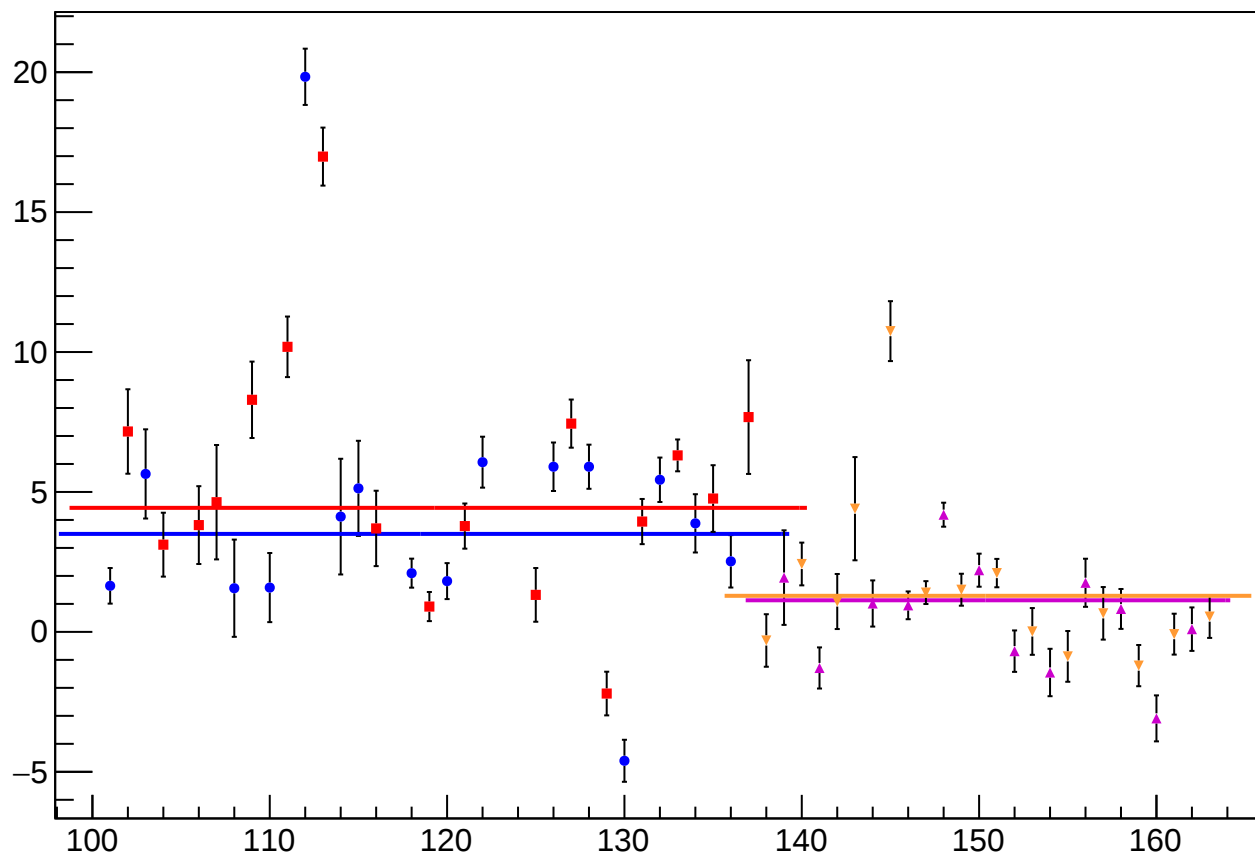
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.800+/-0.288 χ^2/NDF :663.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.366+/-0.291 χ^2/NDF :365.0/11

Left: -40.585+/-0.205 χ^2/NDF : 1029.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.366+/-0.291 χ^2/NDF :365.0/11
 Out: -40.800+/-0.288 χ^2/NDF :663.0/13

All: -40.585+/-0.205 χ^2/NDF : 1029.2/25

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.289 ± 0.192 $\chi^2/\text{NDF}: 113.2/13$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.129 ± 0.197 $\chi^2/\text{NDF}: 109.6/11$

Left: 1.211 ± 0.137 $\chi^2/\text{NDF}: 223.1/25$

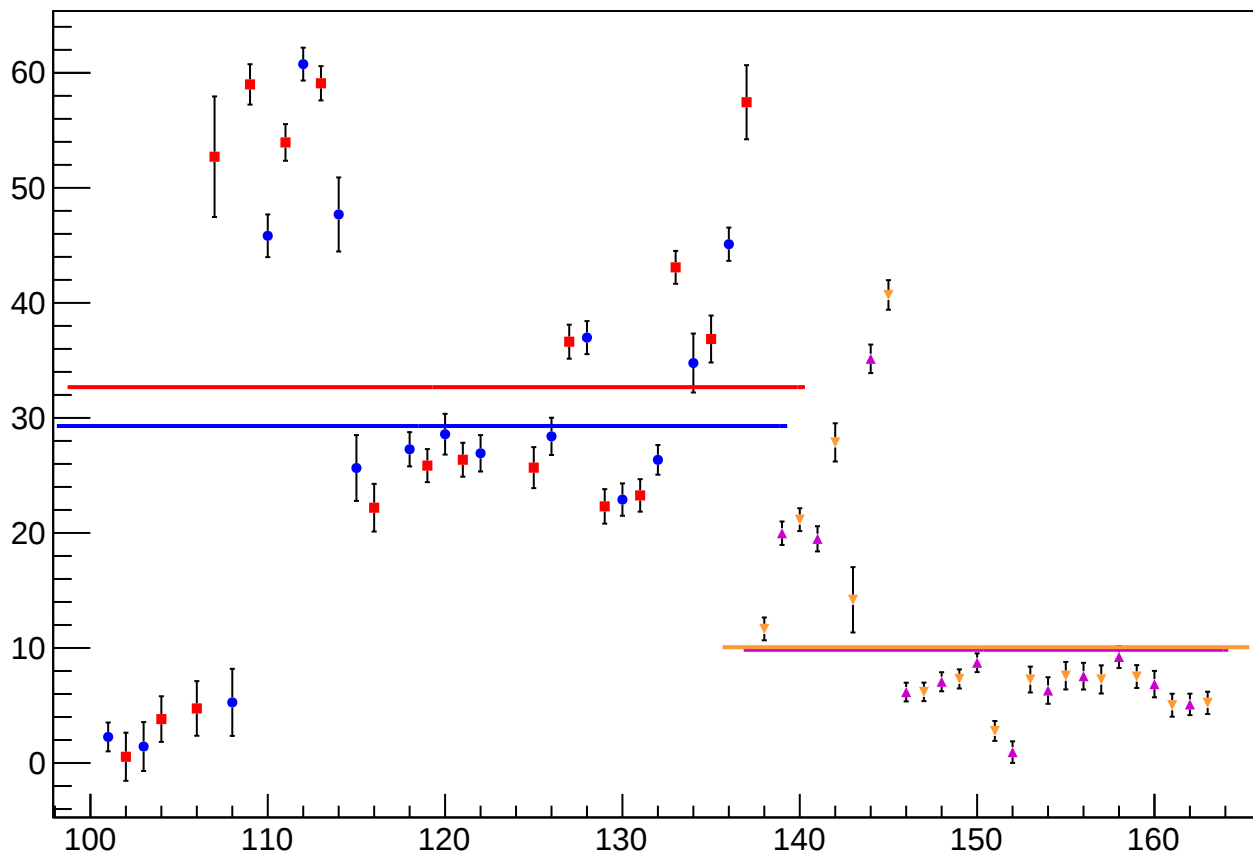
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.199 ± 0.146 $\chi^2/\text{NDF}: 616.7/27$

Out: 2.609 ± 0.146 $\chi^2/\text{NDF}: 569.8/30$

All: 2.405 ± 0.103 $\chi^2/\text{NDF}: 1190.5/58$

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: 10.067 $\pm$ 0.281 χ^2 /NDF:989.8/13

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 9.847 $\pm$ 0.282 χ^2 /NDF:762.3/11

Left: 9.958 $\pm$ 0.199 χ^2 /NDF: 1752.4/25

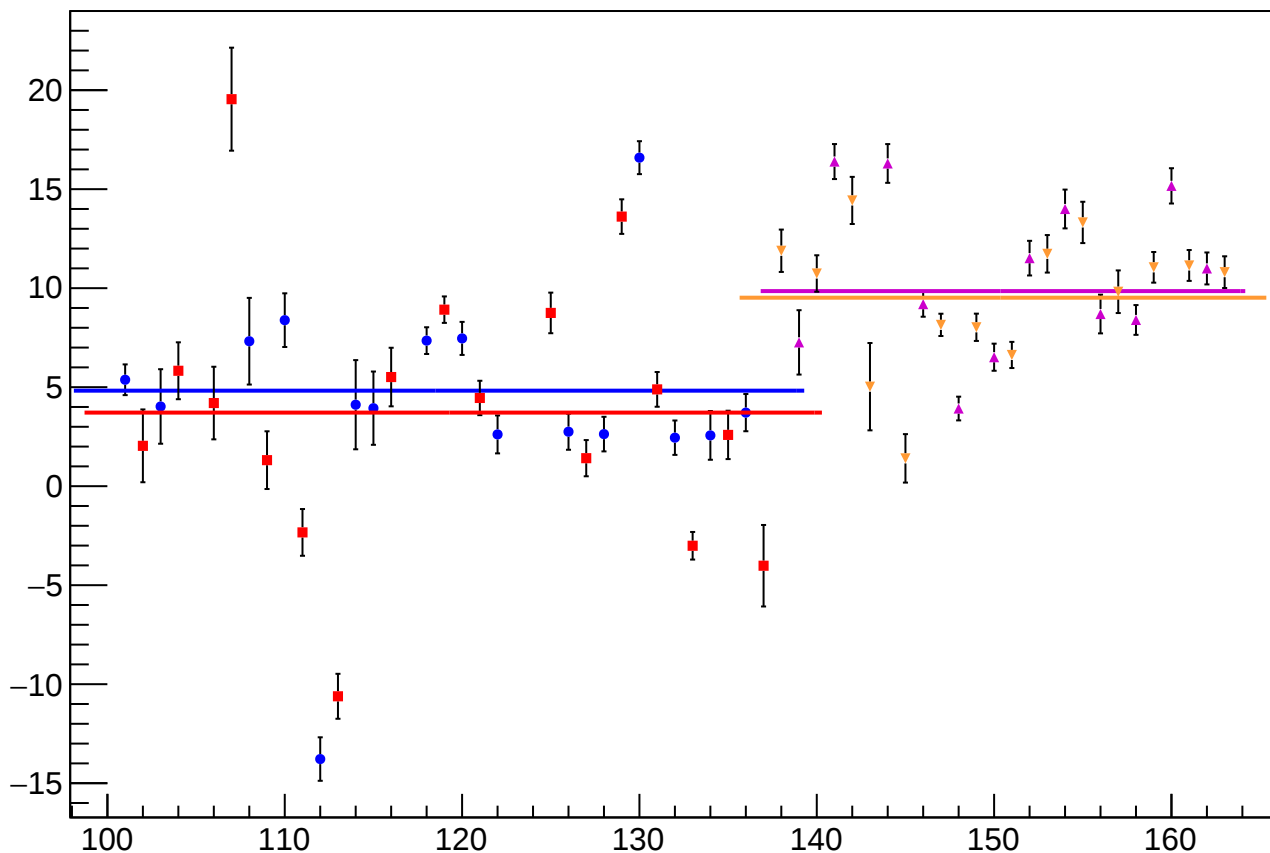
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 15.956 $\pm$ 0.234 χ^2 /NDF:3738.0/27

Out: 16.977 $\pm$ 0.234 χ^2 /NDF:4587.1/30

All: 16.466 $\pm$ 0.165 χ^2 /NDF: 8334.6/58

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.519 ± 0.230 χ^2/NDF : 131.3/13

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.852 ± 0.235 χ^2/NDF : 287.8/11

Left: 9.682 ± 0.164 χ^2/NDF : 420.1/25

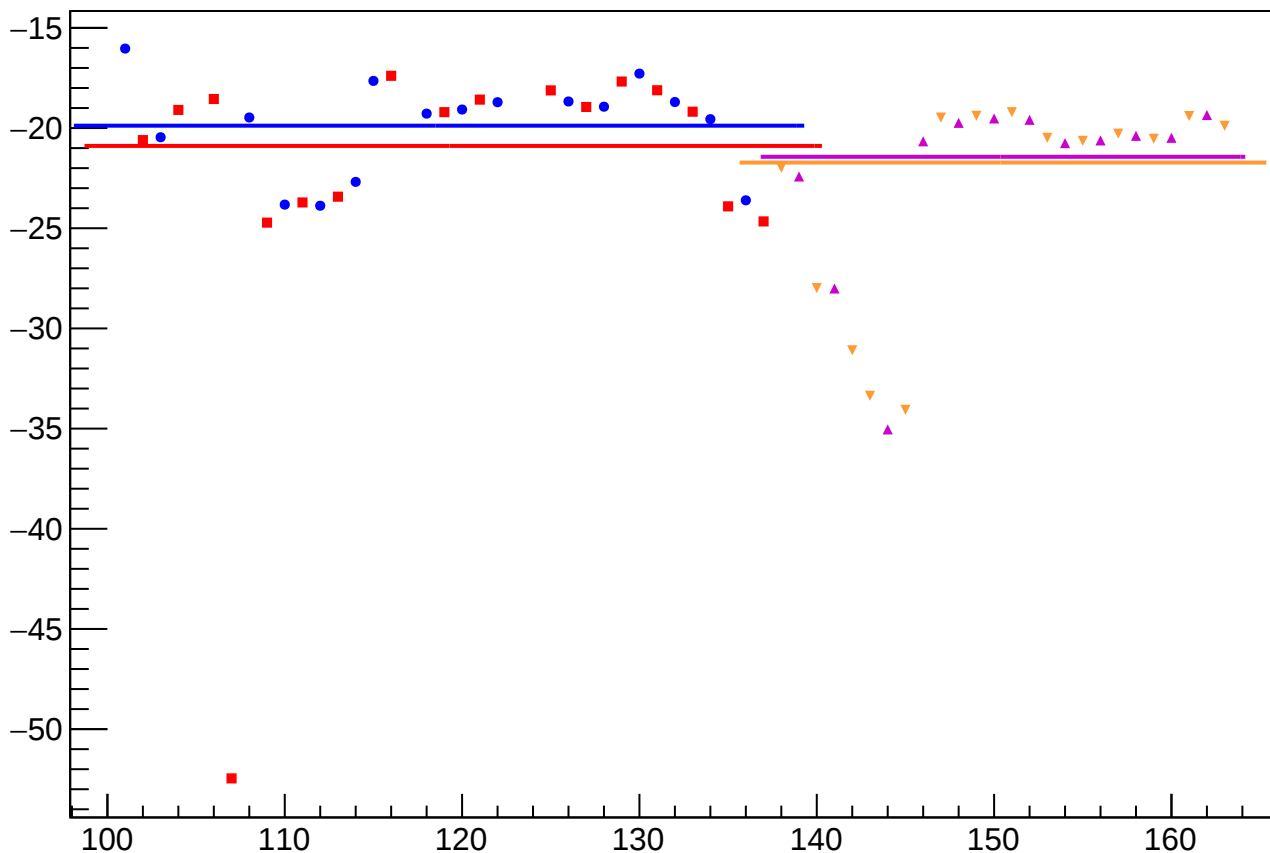
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.505 ± 0.172 χ^2/NDF : 1050.1/27

Out: 6.962 ± 0.172 χ^2/NDF : 972.6/30

All: 7.233 ± 0.121 χ^2/NDF : 2027.7/58

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -21.721 ± 0.011 χ^2/NDF : 132236.8/13

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -21.434 ± 0.011 χ^2/NDF : 98842.7/11

Left: -21.577 ± 0.008 χ^2/NDF : 231412.9/25

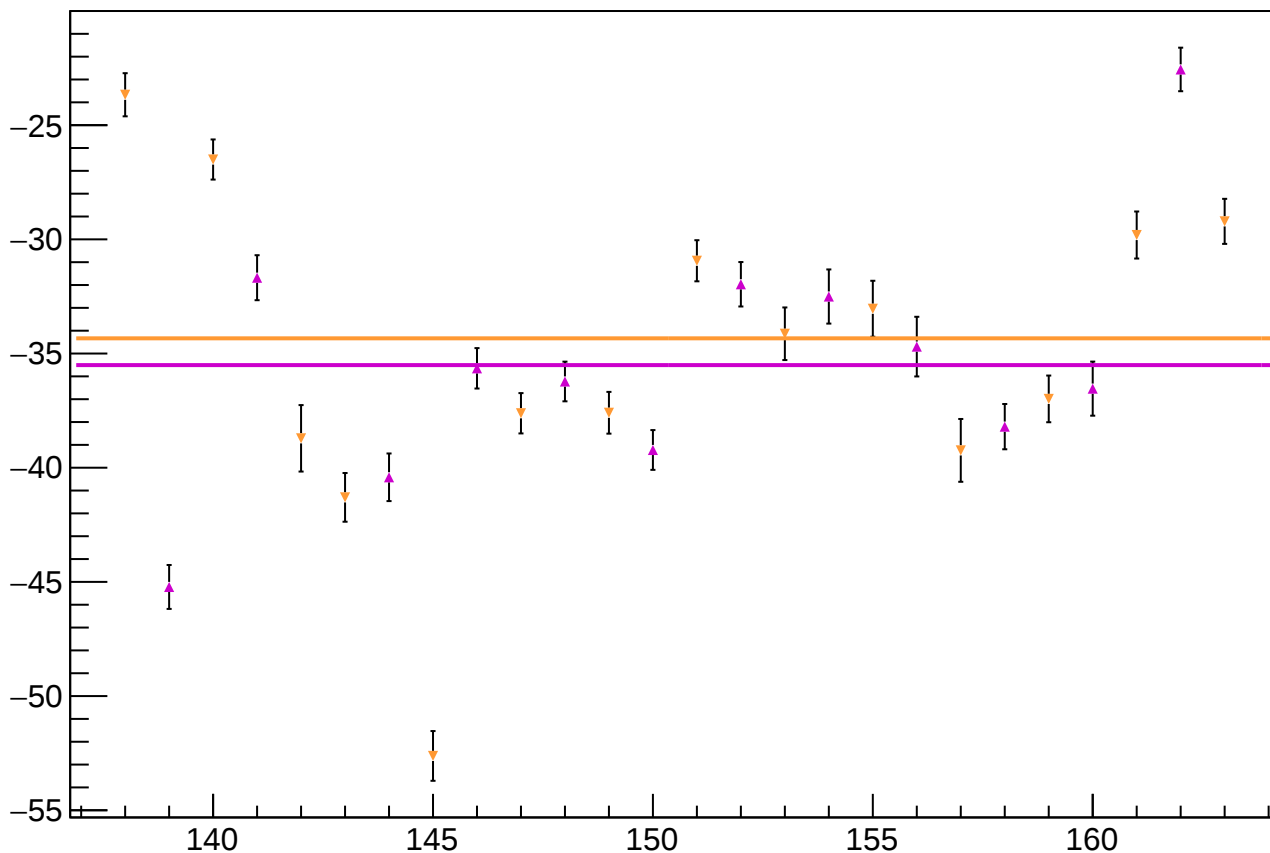
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -20.910 ± 0.009 χ^2/NDF : 131518.4/27

Out: -21.443 ± 0.009 χ^2/NDF : 227006.1/30

All: -21.175 ± 0.006 χ^2/NDF : 360250.2/58

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



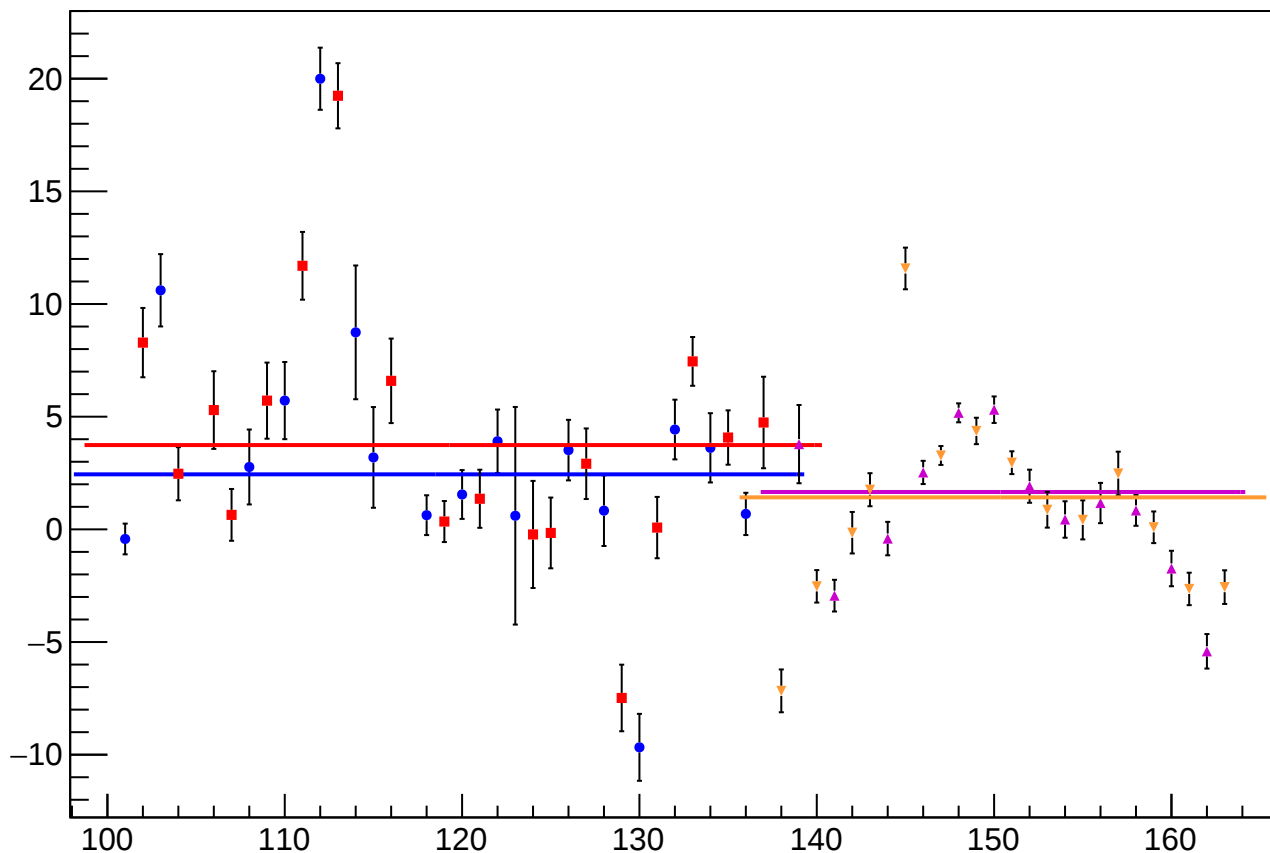
Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.334 +/- 0.275 χ^2/NDF : 648.3/13
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -35.507 +/- 0.287 χ^2/NDF : 370.8/11

Left: -34.896 +/- 0.199 χ^2/NDF : 1027.8/25
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -35.507 +/- 0.287 χ^2/NDF : 370.8/11
 Out: -34.334 +/- 0.275 χ^2/NDF : 648.3/13

All: -34.896 +/- 0.199 χ^2/NDF : 1027.8/25

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2/NDF : 294.7/16

Left Out: 1.420 $\pm$ 0.184 χ^2/NDF : 356.7/13

Right Out: 3.741 $\pm$ 0.327 χ^2/NDF : 268.1/17

Left In: 1.658 $\pm$ 0.194 χ^2/NDF : 270.9/11

Left: 1.533 $\pm$ 0.134 χ^2/NDF : 628.4/25

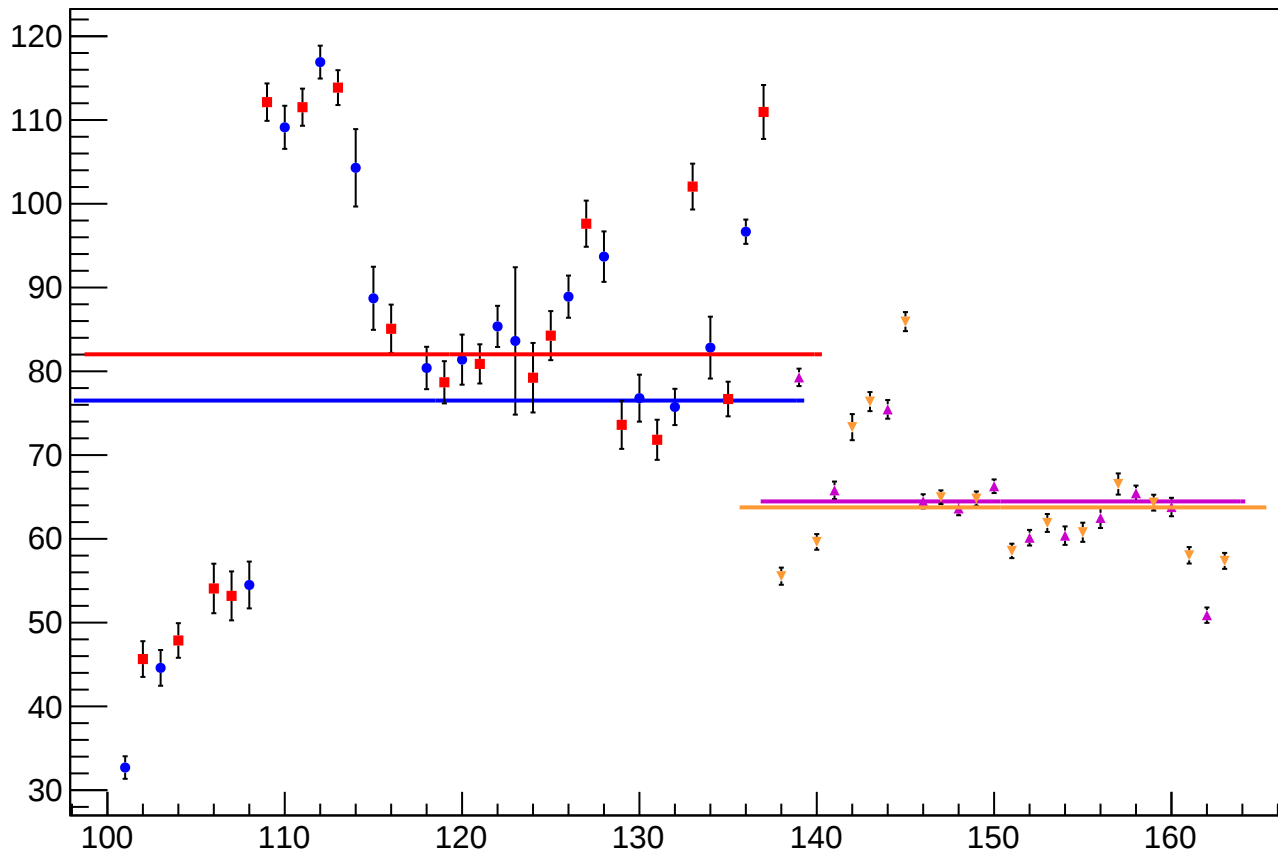
Right: 3.060 $\pm$ 0.225 χ^2/NDF : 571.1/34

In: 1.877 $\pm$ 0.165 χ^2/NDF : 570.2/28

Out: 1.979 $\pm$ 0.160 χ^2/NDF : 663.1/31

All: 1.930 $\pm$ 0.115 χ^2/NDF : 1233.5/60

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 63.754 $\pm$ 0.270 χ^2 /NDF: 759.2/13

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 64.467 $\pm$ 0.278 χ^2 /NDF: 565.5/11

Left: 64.099 $\pm$ 0.194 χ^2 /NDF: 1328.1/25

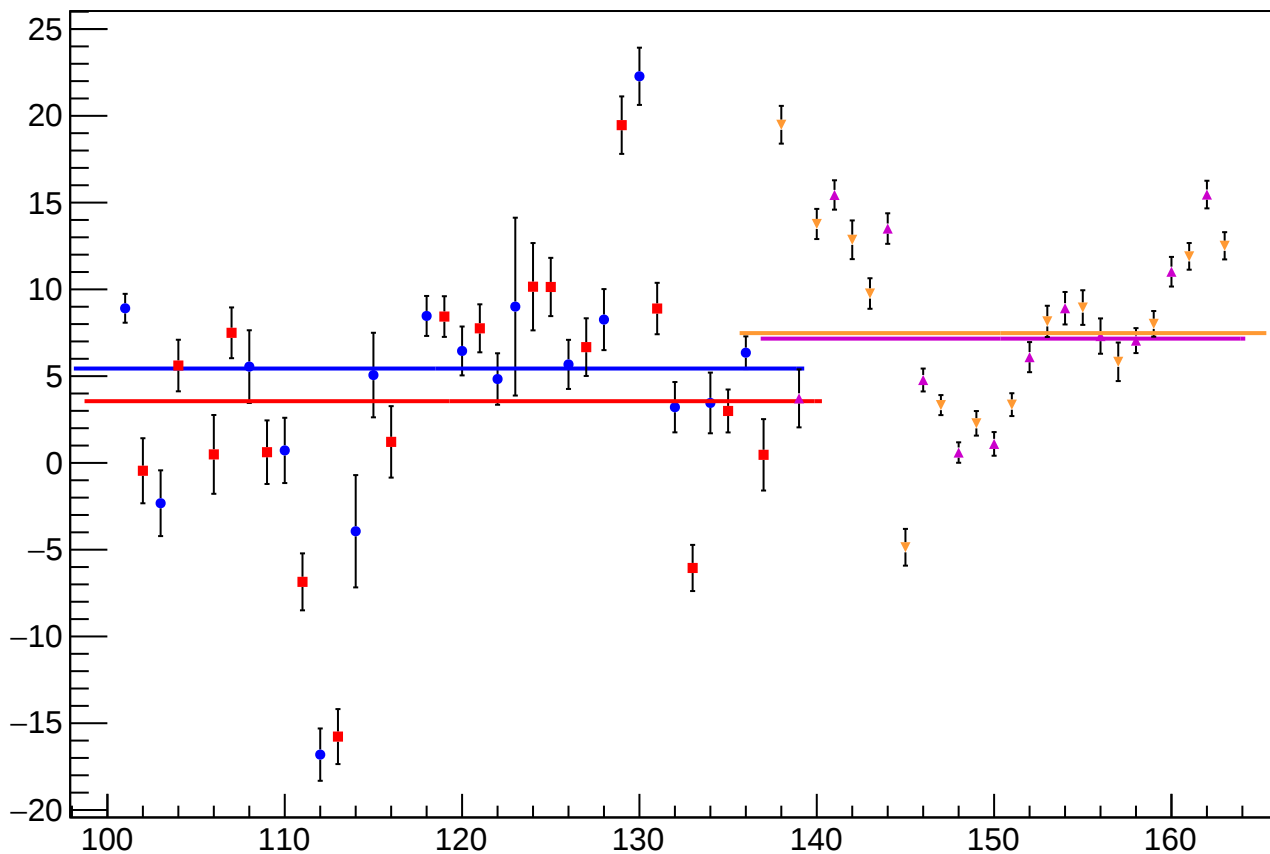
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 66.757 $\pm$ 0.250 χ^2 /NDF: 3172.6/28

Out: 66.886 $\pm$ 0.245 χ^2 /NDF: 3095.2/31

All: 66.823 $\pm$ 0.175 χ^2 /NDF: 6267.9/60

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 7.480 ± 0.220 $\chi^2/\text{NDF}: 564.6/13$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 7.161 ± 0.231 $\chi^2/\text{NDF}: 502.4/11$

Left: 7.328 ± 0.159 $\chi^2/\text{NDF}: 1067.9/25$

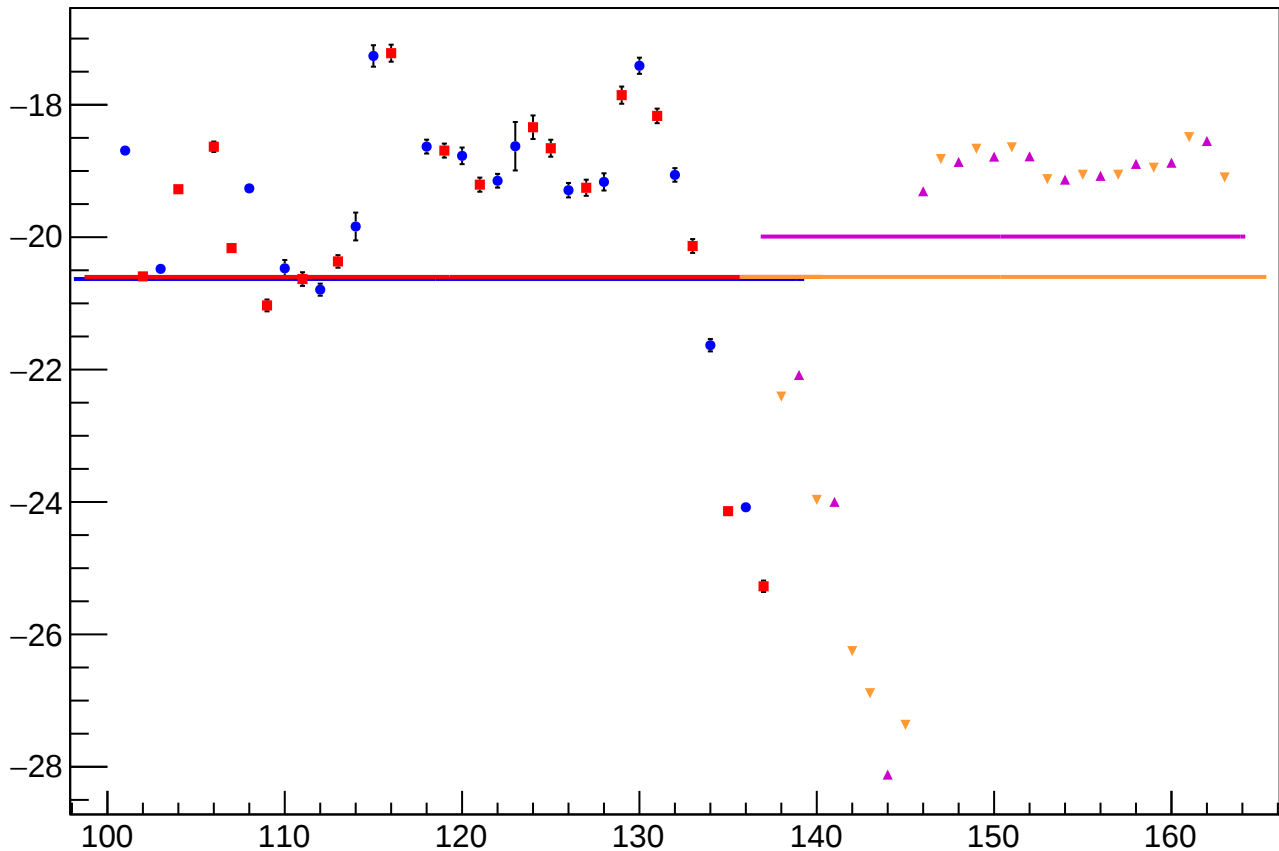
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 6.654 ± 0.194 $\chi^2/\text{NDF}: 904.9/28$

Out: 6.476 ± 0.190 $\chi^2/\text{NDF}: 1066.5/31$

All: 6.563 ± 0.136 $\chi^2/\text{NDF}: 1971.8/60$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.601 $\pm$ 0.011 χ^2 /NDF: 77665.1/13

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -19.991 $\pm$ 0.011 χ^2 /NDF: 48056.8/11

Left: -20.303 $\pm$ 0.008 χ^2 /NDF: 127310.2/25

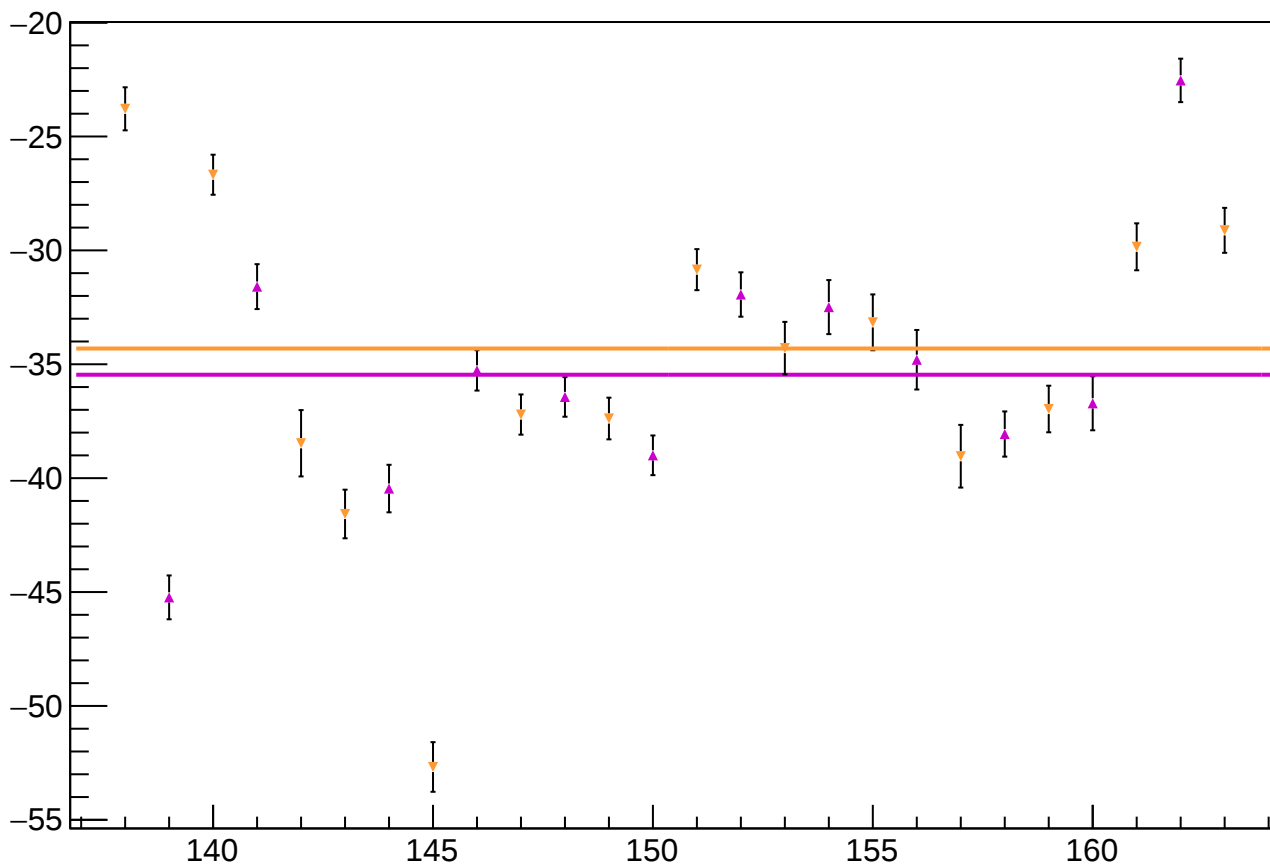
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.147 $\pm$ 0.010 χ^2 /NDF: 61393.1/28

Out: -20.600 $\pm$ 0.009 χ^2 /NDF: 89638.9/31

All: -20.377 $\pm$ 0.007 χ^2 /NDF: 152185.4/60

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



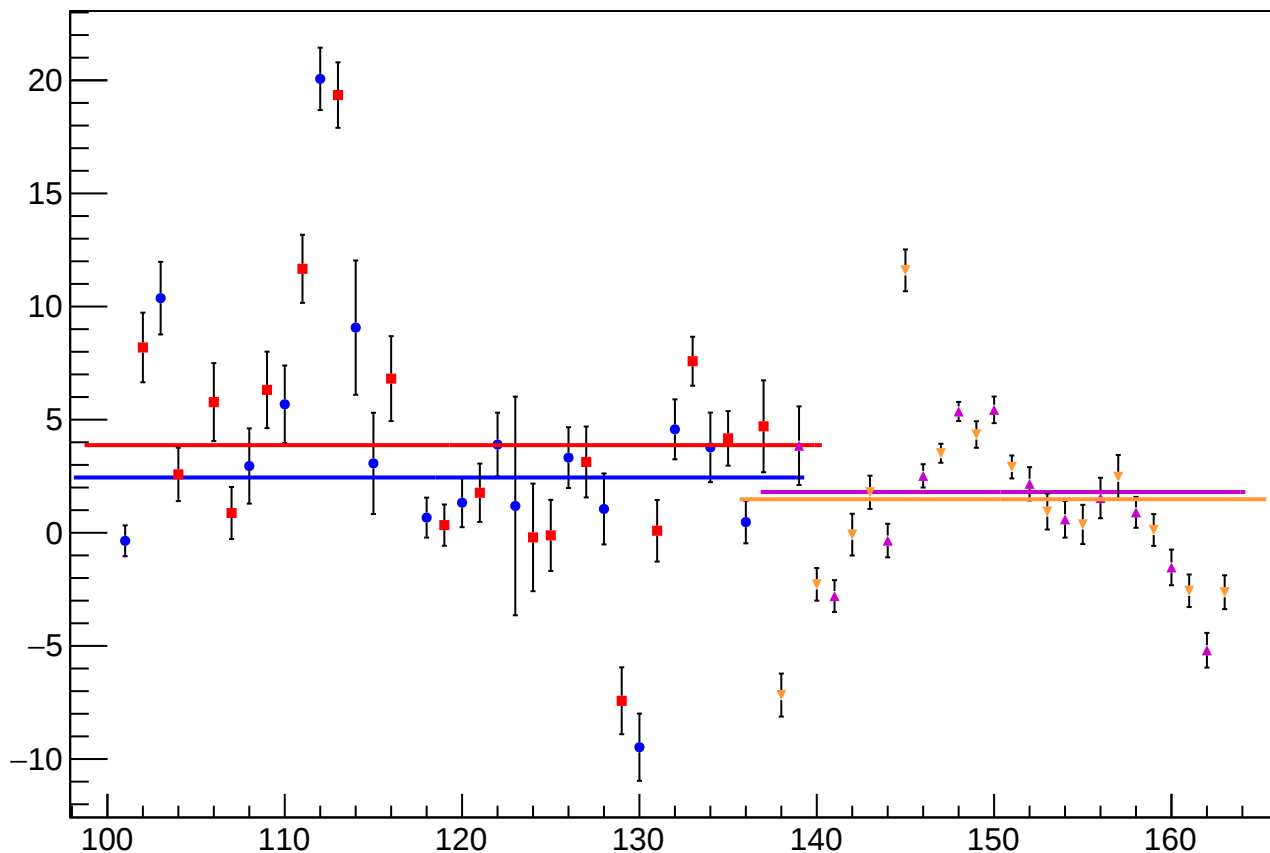
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.309 $\pm$ 0.275 χ^2/NDF :640.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -35.460 $\pm$ 0.287 χ^2/NDF :370.3/11

Left: -34.860 $\pm$ 0.199 χ^2/NDF : 1019.4/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -35.460 $\pm$ 0.287 χ^2/NDF :370.3/11
 Out: -34.309 $\pm$ 0.275 χ^2/NDF :640.7/13

All: -34.860 $\pm$ 0.199 χ^2/NDF : 1019.4/25

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.312 χ^2/NDF : 292.7/16

Left Out: 1.483+/-0.184 χ^2/NDF : 356.8/13

Right Out: 3.874+/-0.327 χ^2/NDF : 268.3/17

Left In: 1.803+/-0.194 χ^2/NDF : 269.3/11

Left: 1.635+/-0.134 χ^2/NDF : 627.5/25

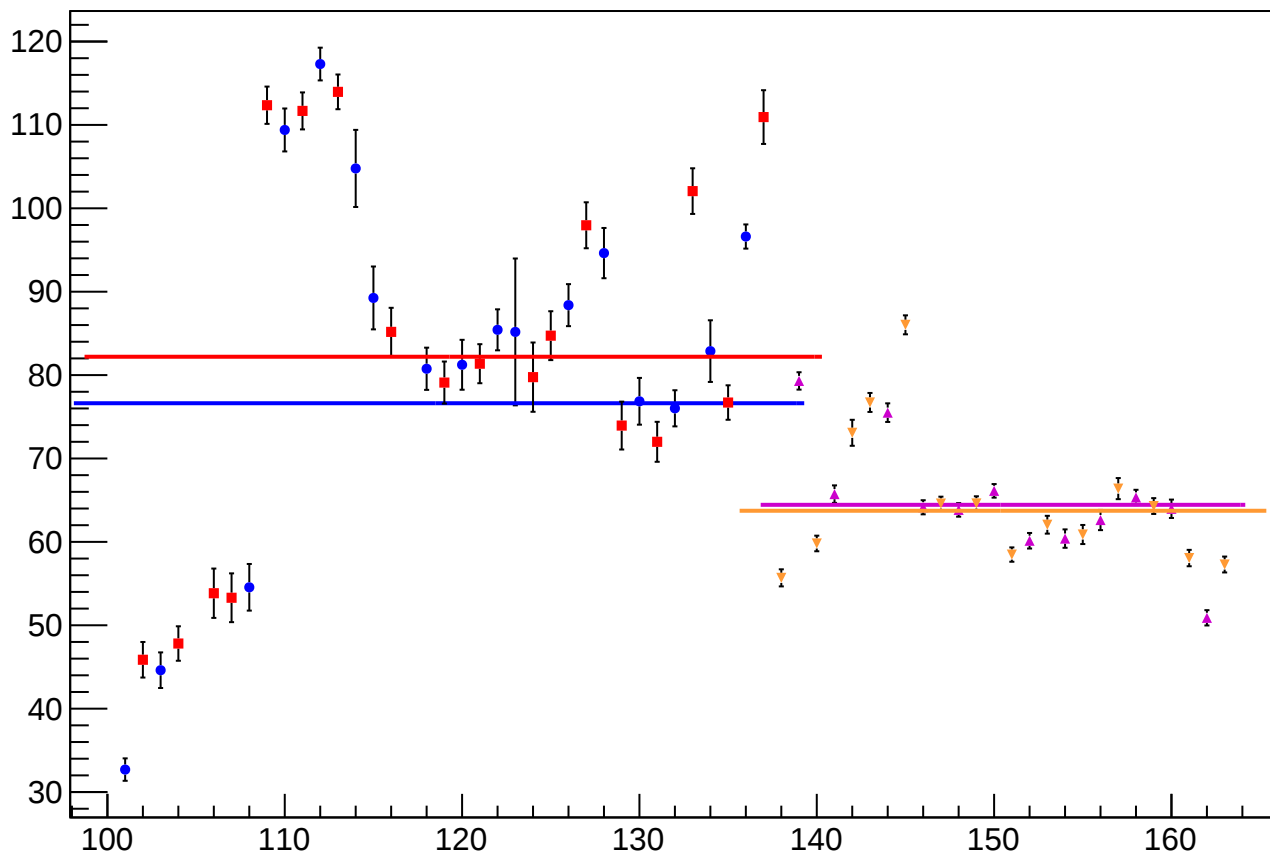
Right: 3.125+/-0.226 χ^2/NDF : 571.0/34

In: 1.982+/-0.165 χ^2/NDF : 565.0/28

Out: 2.059+/-0.160 χ^2/NDF : 665.7/31

All: 2.022+/-0.115 χ^2/NDF : 1230.8/60

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: 63.732 $\pm$ 0.270 χ^2 /NDF: 761.3/13

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 64.444 $\pm$ 0.278 χ^2 /NDF: 563.8/11

Left: 64.077 $\pm$ 0.194 χ^2 /NDF: 1328.4/25

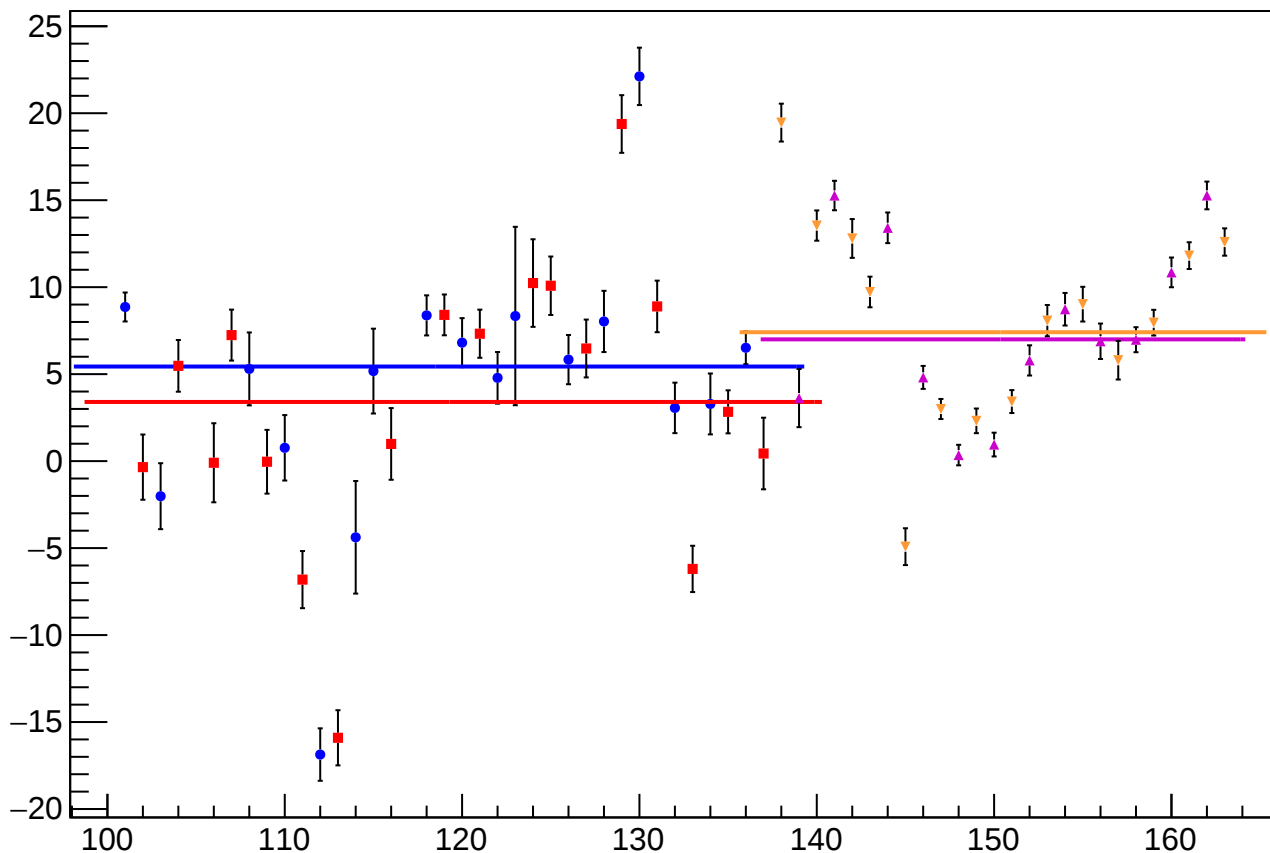
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 66.762 $\pm$ 0.251 χ^2 /NDF: 3190.7/28

Out: 66.897 $\pm$ 0.245 χ^2 /NDF: 3115.4/31

All: 66.831 $\pm$ 0.175 χ^2 /NDF: 6306.3/60

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 7.410 $\pm$ 0.220 χ^2/NDF :567.0/13

Right Out: 3.401 $\pm$ 0.375 χ^2/NDF : 420.9/17

Left In: 6.999 $\pm$ 0.231 χ^2/NDF :502.8/11

Left: 7.215 $\pm$ 0.159 χ^2/NDF : 1071.5/25

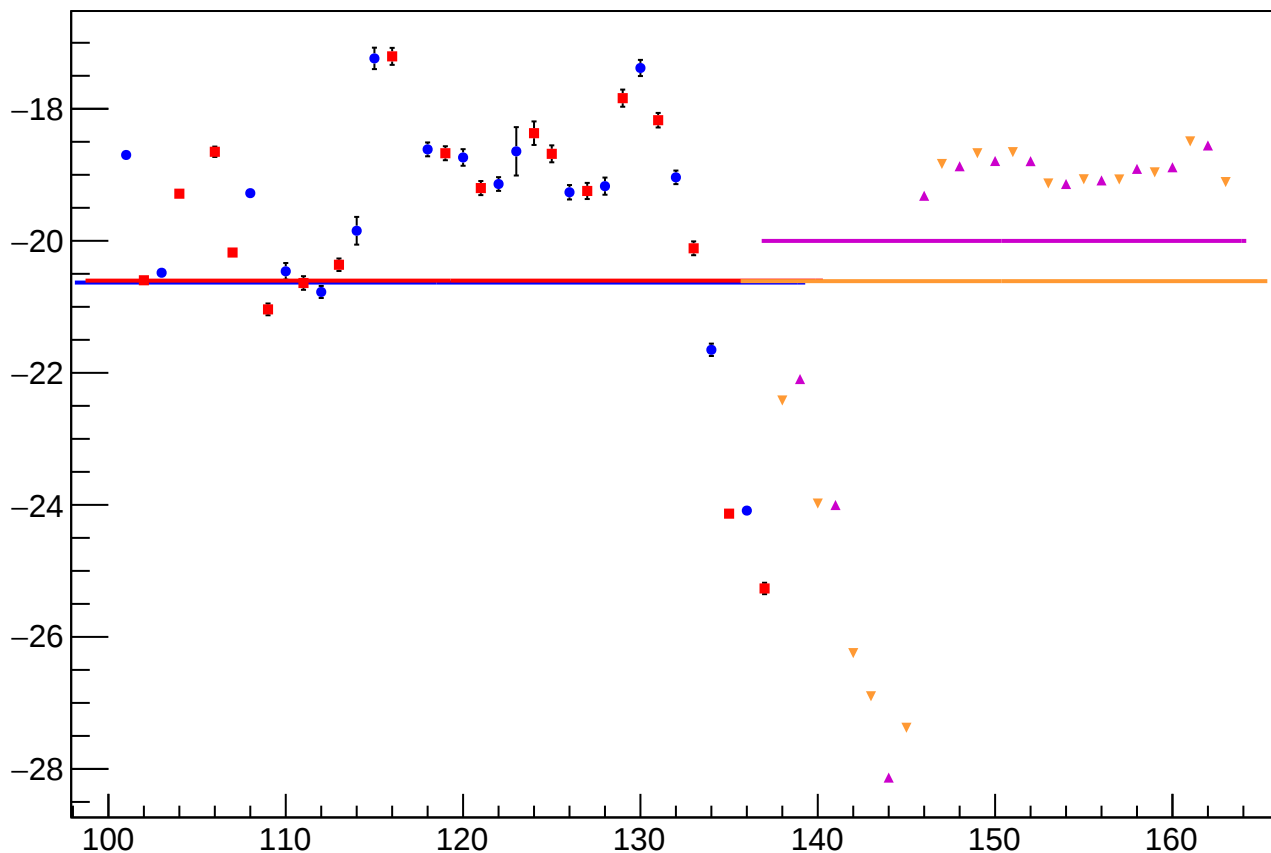
Right: 4.467 $\pm$ 0.259 χ^2/NDF : 820.8/34

In: 6.539 $\pm$ 0.194 χ^2/NDF :900.7/28

Out: 6.385 $\pm$ 0.190 χ^2/NDF :1072.8/31

All: 6.460 $\pm$ 0.136 χ^2/NDF : 1973.9/60

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.611 ± 0.011 $\chi^2/\text{NDF}: 77517.0/13$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.001 ± 0.011 $\chi^2/\text{NDF}: 47990.2/11$

Left: -20.313 ± 0.008 $\chi^2/\text{NDF}: 127090.8/25$

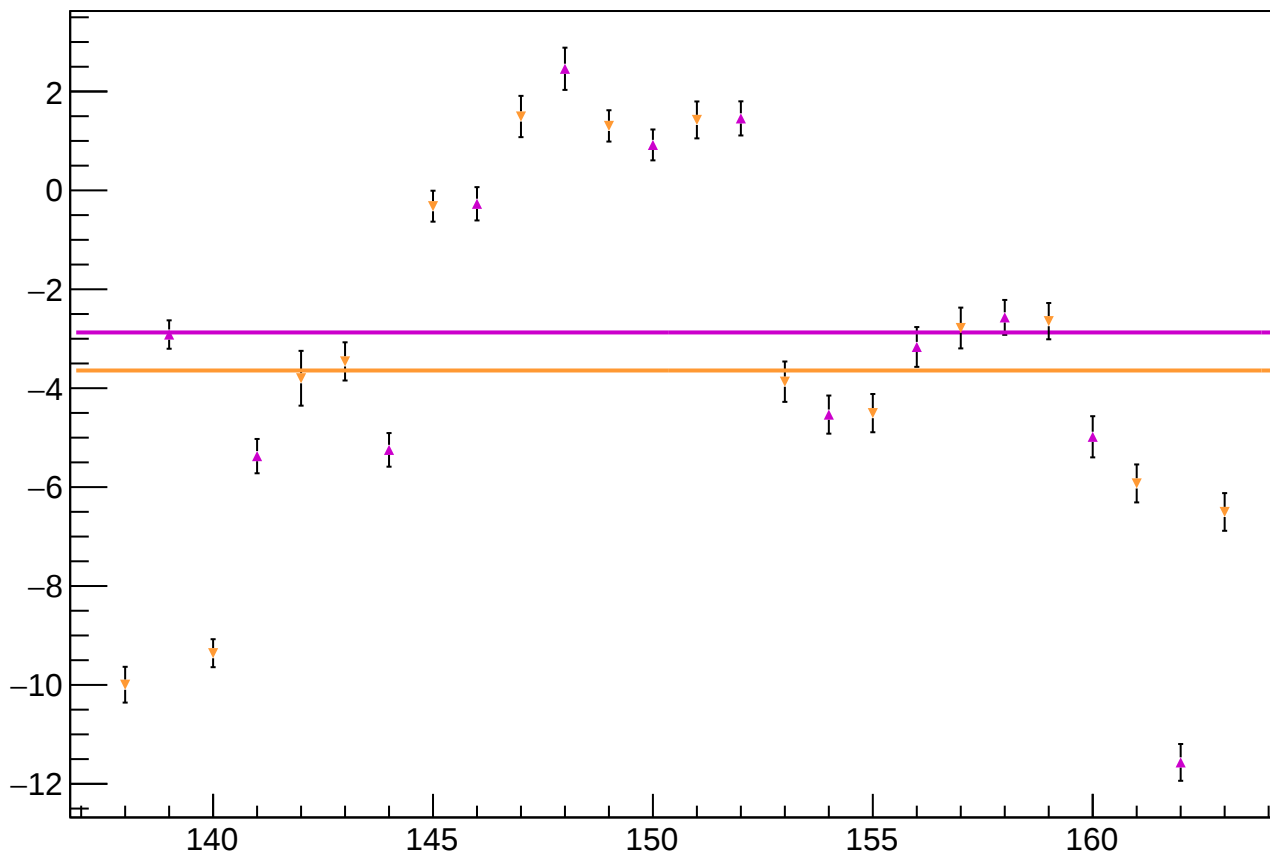
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.155 ± 0.010 $\chi^2/\text{NDF}: 61341.4/28$

Out: -20.609 ± 0.009 $\chi^2/\text{NDF}: 89443.0/31$

All: -20.386 ± 0.007 $\chi^2/\text{NDF}: 151937.2/60$

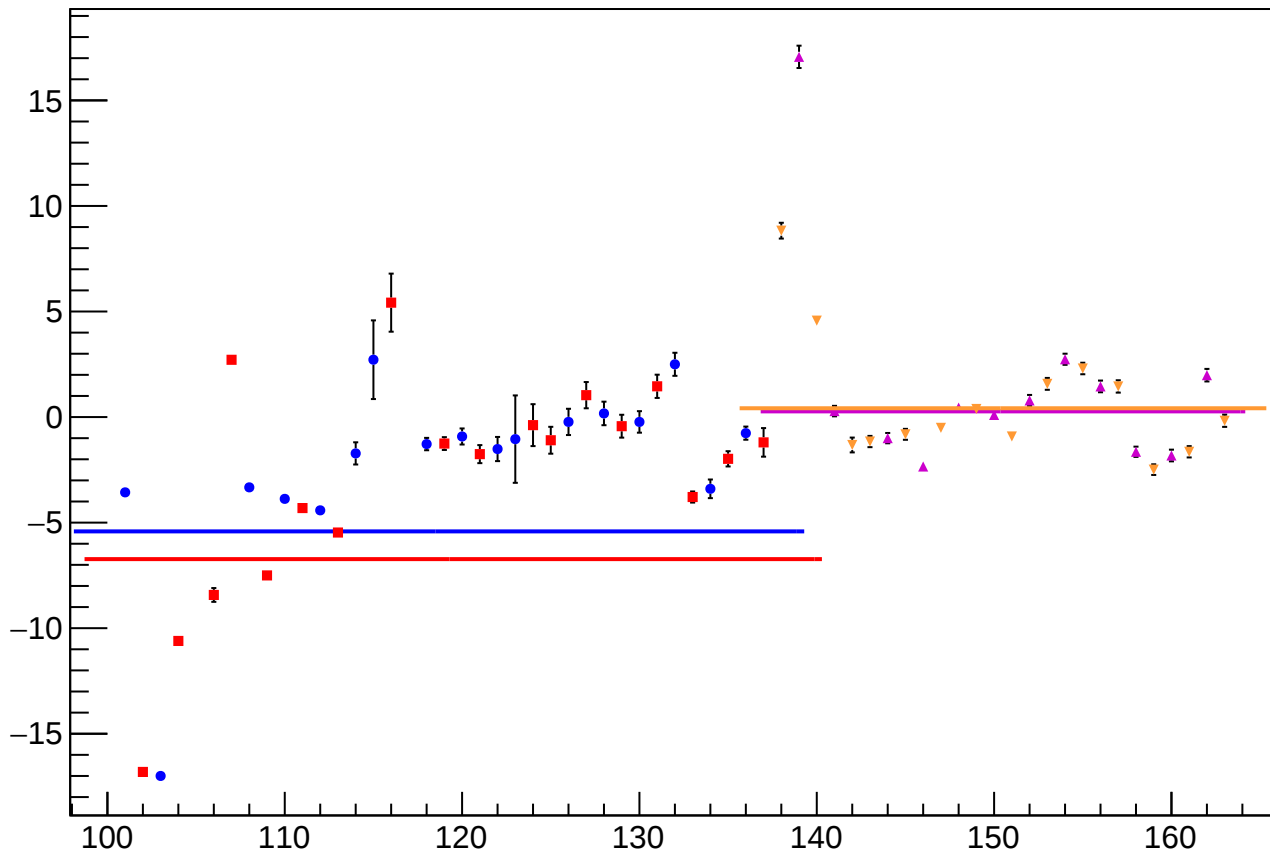
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



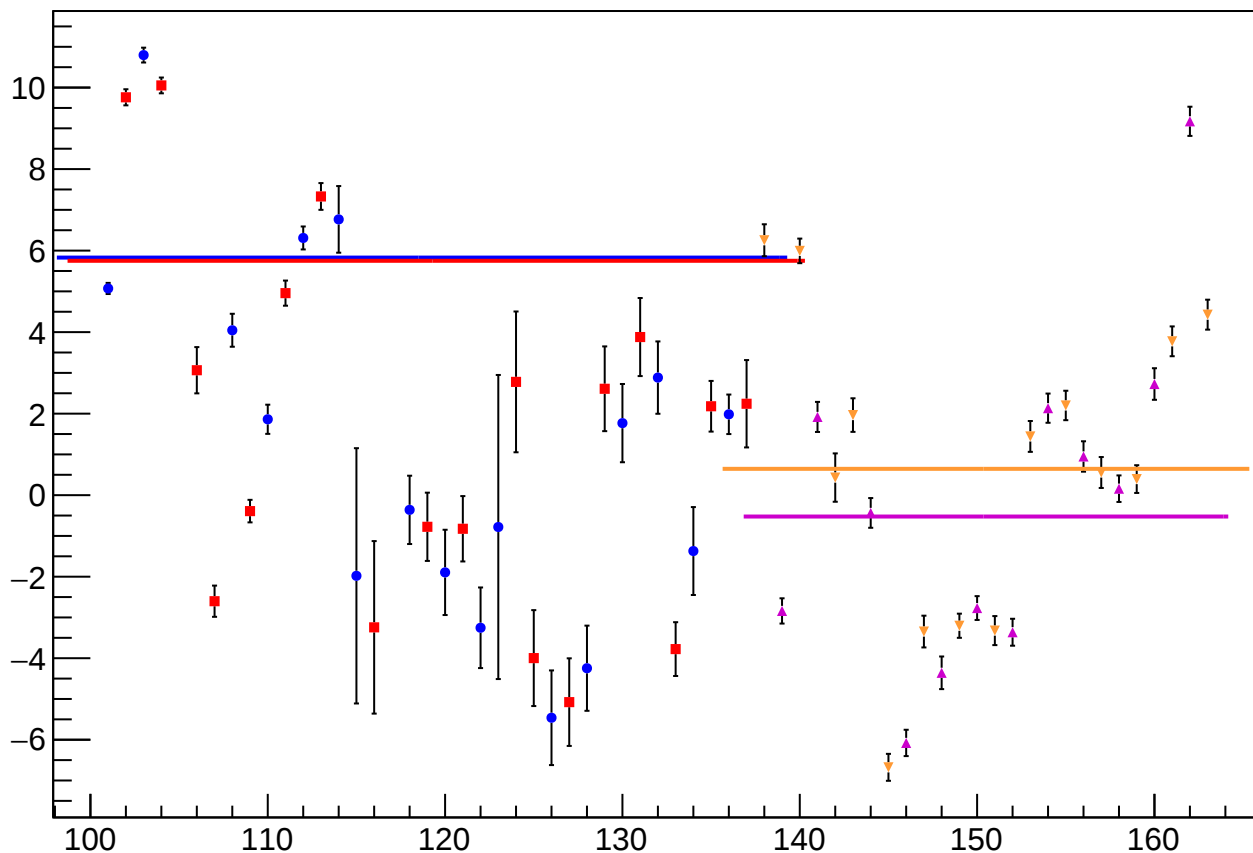
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.642+/-0.099 χ^2/NDF :1518.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.873+/-0.102 χ^2/NDF :1212.9/11

Left: -3.271+/-0.071 χ^2/NDF : 2760.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.873+/-0.102 χ^2/NDF :1212.9/11
 Out: -3.642+/-0.099 χ^2/NDF :1518.0/13
 All: -3.271+/-0.071 χ^2/NDF : 2760.3/25

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.646 ± 0.097 χ^2/NDF : 1620.7/13

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -0.524 ± 0.100 χ^2/NDF : 1499.1/11

Left: 0.076 ± 0.069 χ^2/NDF : 3190.7/25

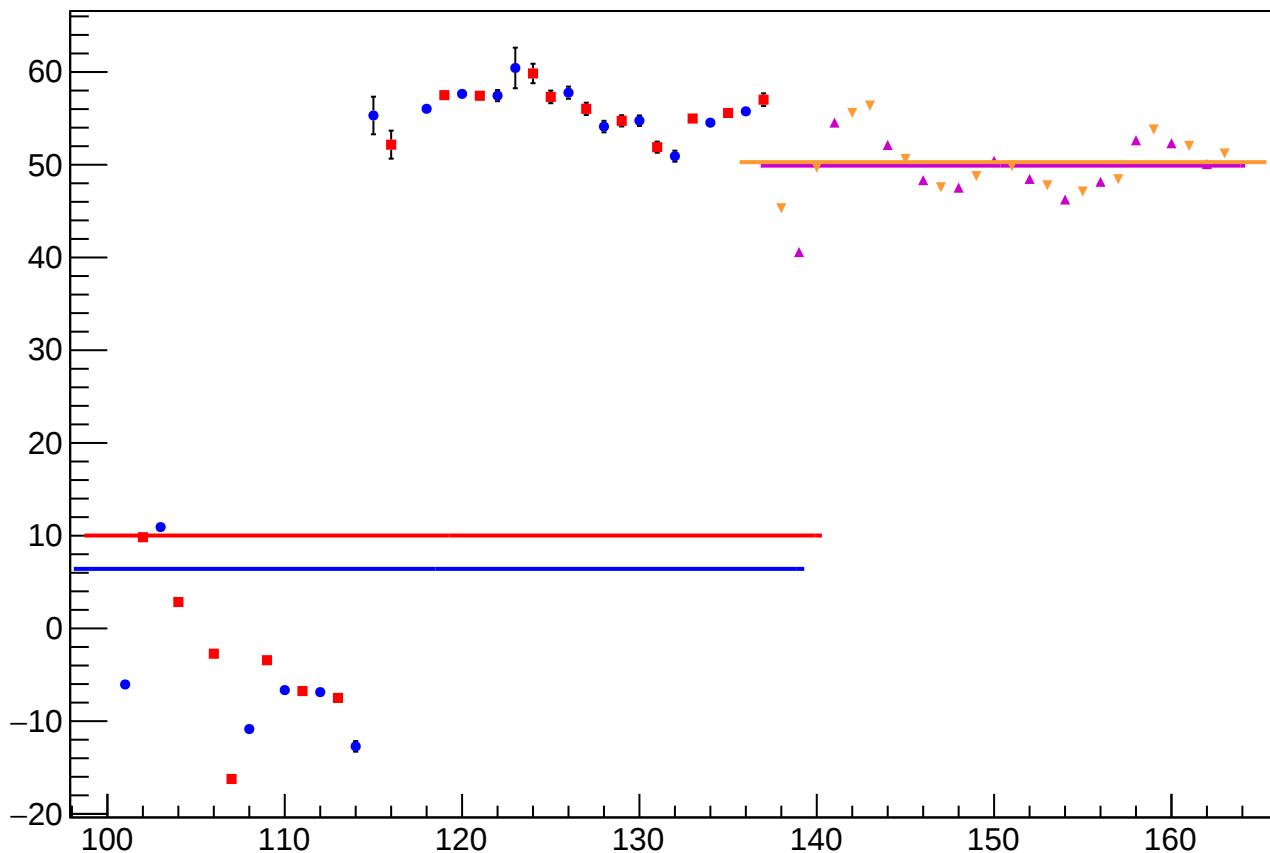
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.985 ± 0.067 χ^2/NDF : 5196.6/28

Out: 3.218 ± 0.068 χ^2/NDF : 5527.8/31

All: 3.099 ± 0.048 χ^2/NDF : 10730.3/60

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.284 ± 0.081 χ^2/NDF : 1216.0/13

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.904 ± 0.085 χ^2/NDF : 1114.9/11

Left: 50.104 ± 0.059 χ^2/NDF : 2341.4/25

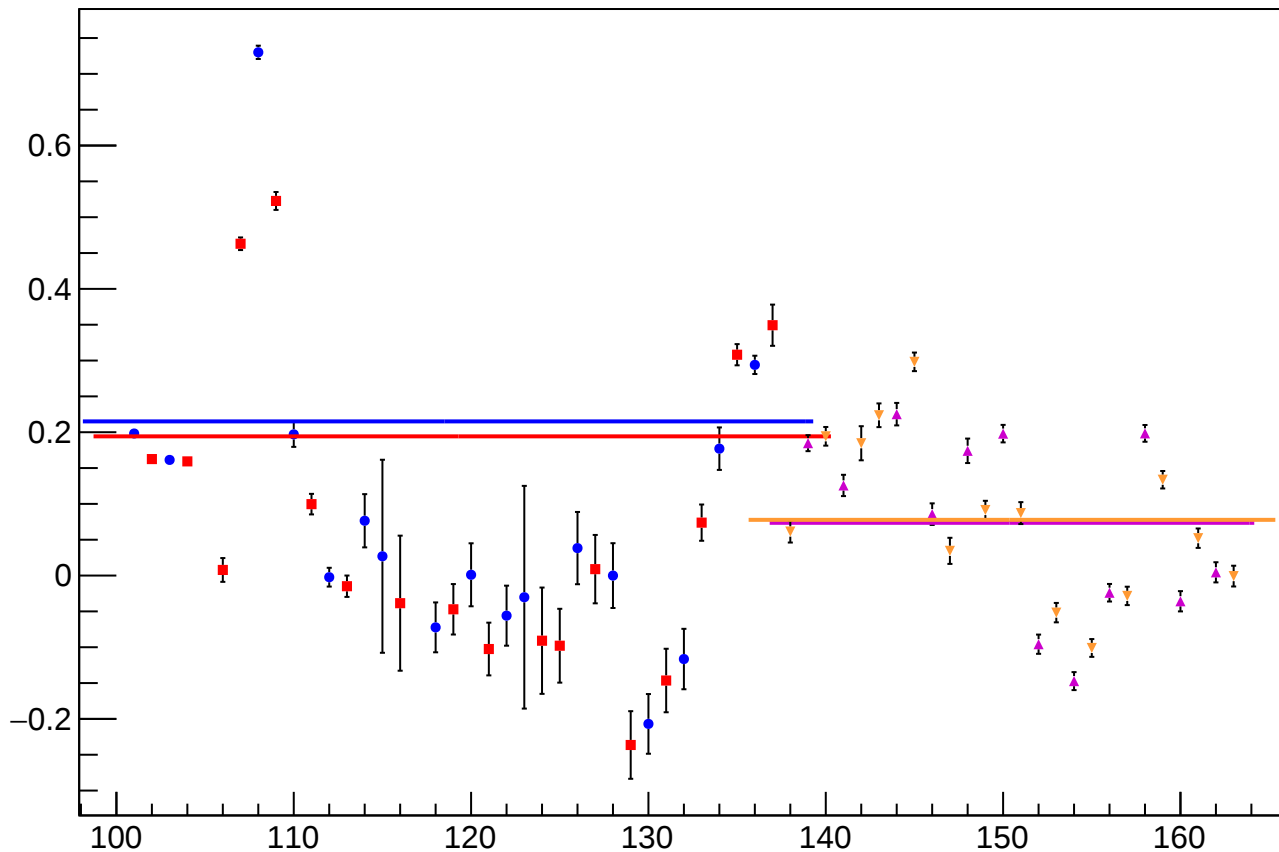
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 22.341 ± 0.052 χ^2/NDF : 289434.7/28

Out: 27.465 ± 0.053 χ^2/NDF : 263741.8/31

All: 24.820 ± 0.037 χ^2/NDF : 557956.9/60

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: 0.078 $\pm$ 0.004 χ^2 /NDF: 896.6/13

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.074 $\pm$ 0.004 χ^2 /NDF: 1074.8/11

Left: 0.076 $\pm$ 0.003 χ^2 /NDF: 1972.0/25

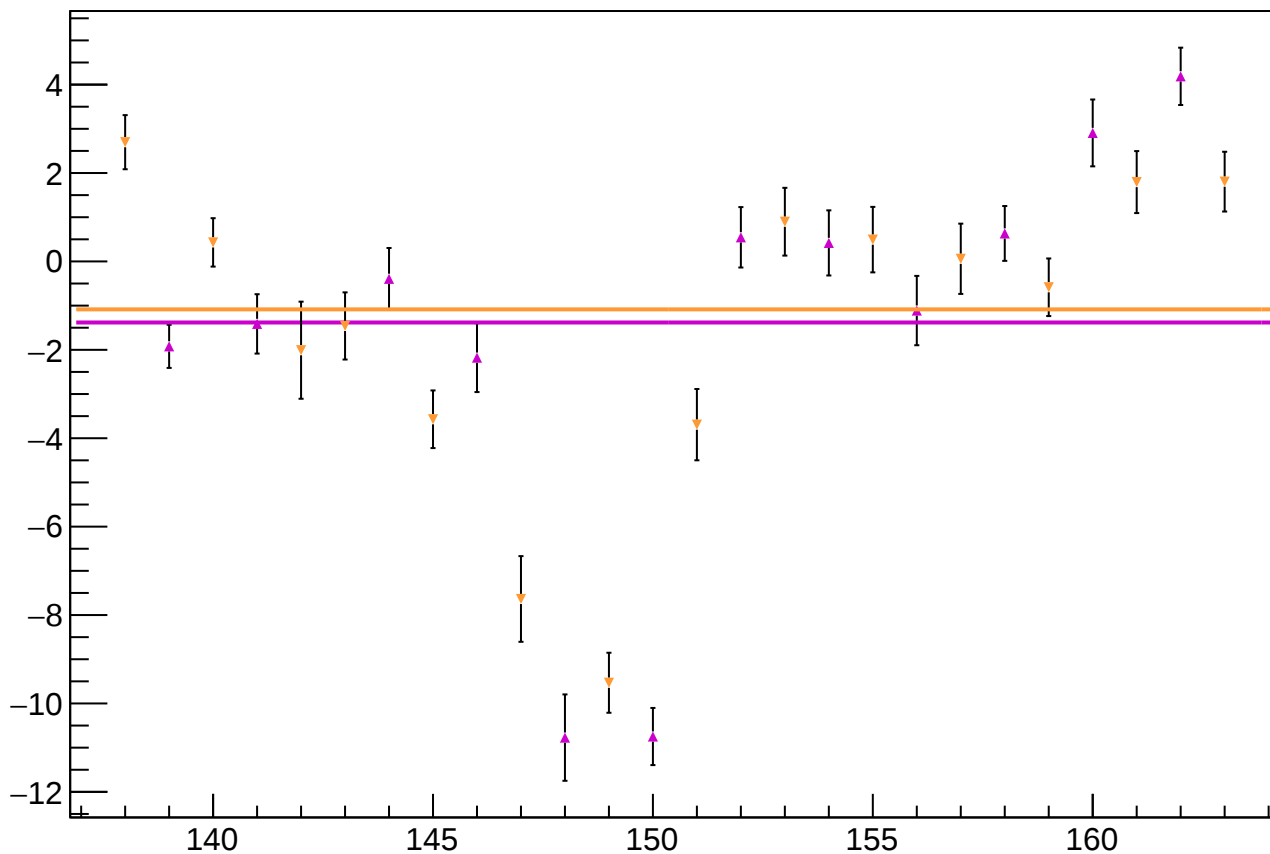
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.167 $\pm$ 0.002 χ^2 /NDF: 5889.4/28

Out: 0.154 $\pm$ 0.002 χ^2 /NDF: 4037.0/31

All: 0.160 $\pm$ 0.002 χ^2 /NDF: 9943.4/60

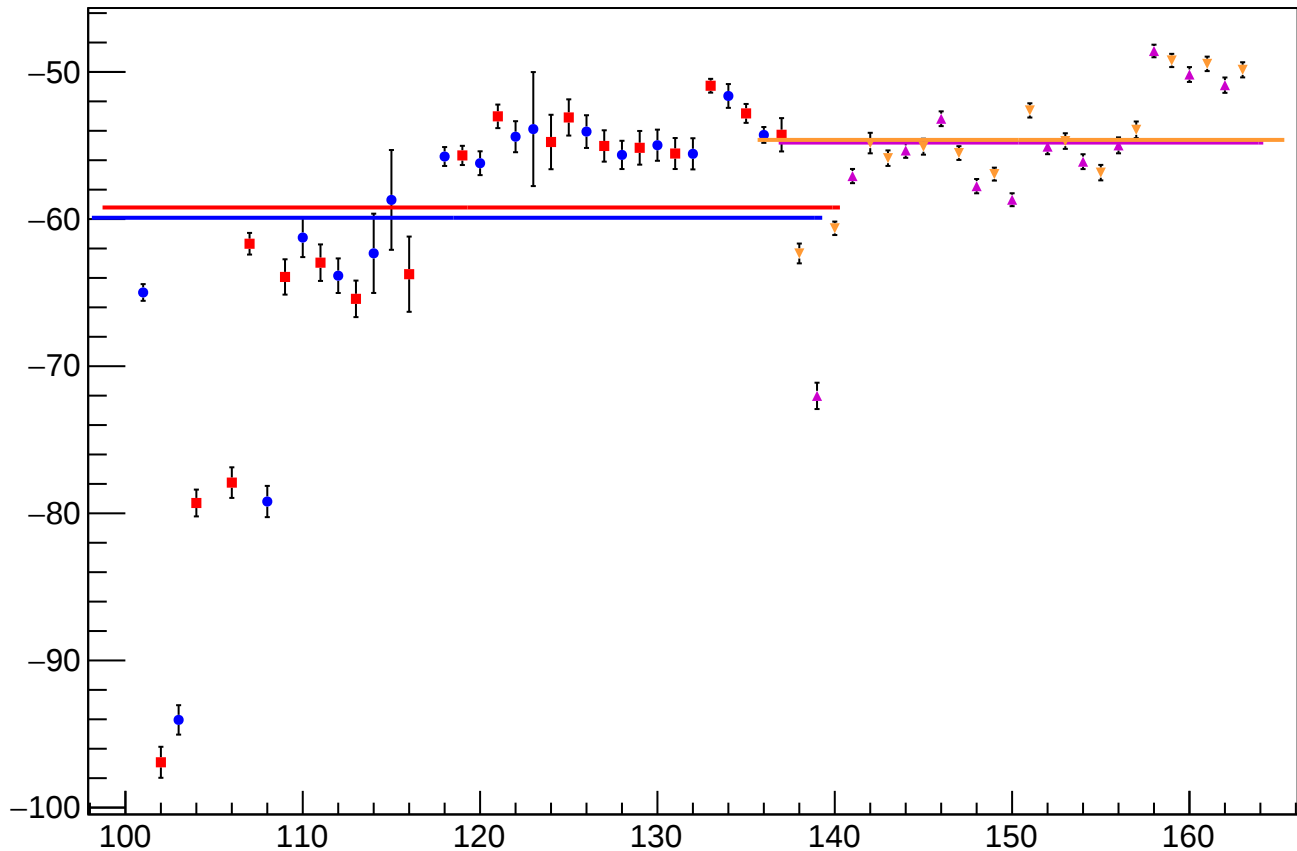
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.085 ± 0.191 $\chi^2/\text{NDF}: 321.3/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -1.382 ± 0.197 $\chi^2/\text{NDF}: 437.1/11$

Left: -1.229 ± 0.137 $\chi^2/\text{NDF}: 759.5/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -1.382 ± 0.197 $\chi^2/\text{NDF}: 437.1/11$
 Out: -1.085 ± 0.191 $\chi^2/\text{NDF}: 321.3/13$
 All: -1.229 ± 0.137 $\chi^2/\text{NDF}: 759.5/25$

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: -54.618 ± 0.137 χ^2/NDF : 718.4/13

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.800 ± 0.146 χ^2/NDF : 876.3/11

Left: -54.704 ± 0.100 χ^2/NDF : 1595.5/25

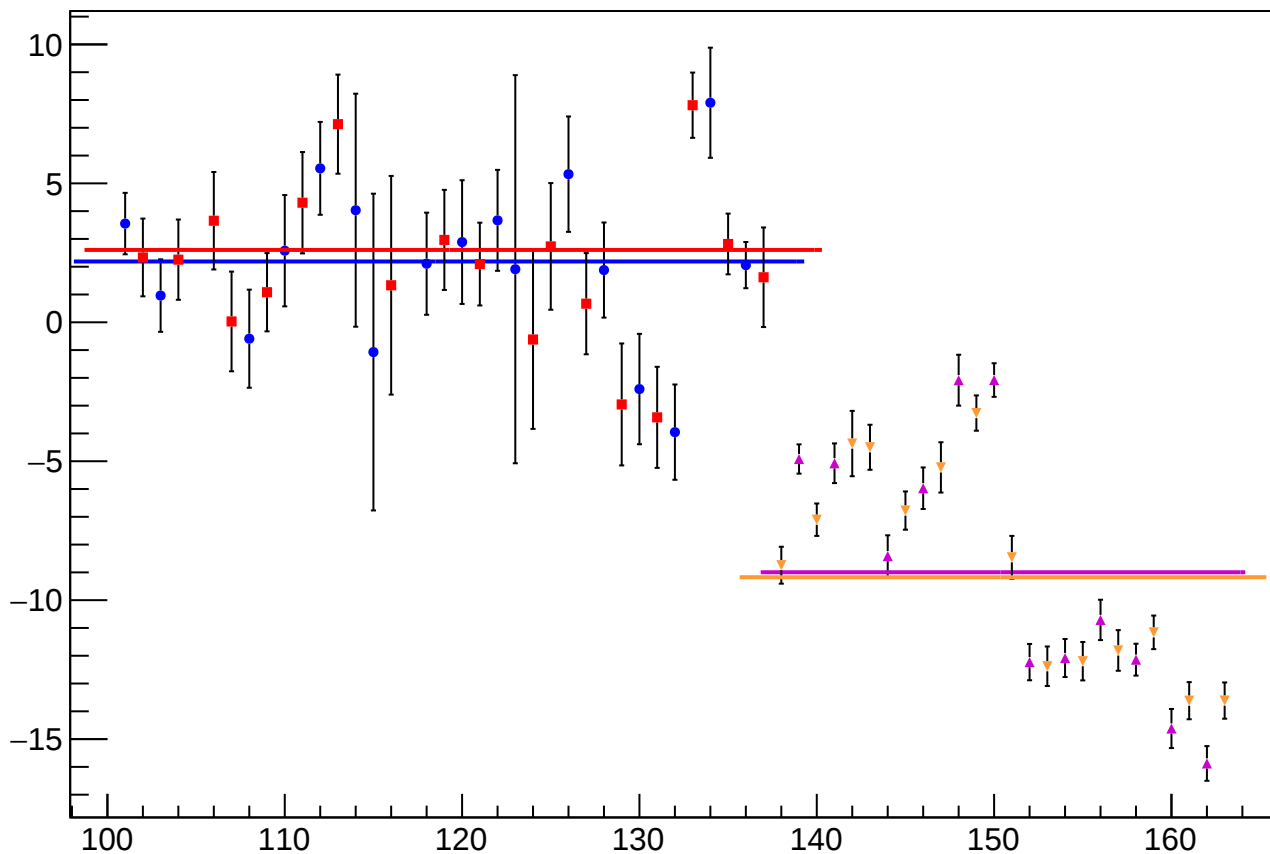
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.331 ± 0.122 χ^2/NDF : 3224.4/28

Out: -55.970 ± 0.115 χ^2/NDF : 3791.5/31

All: -56.140 ± 0.084 χ^2/NDF : 7020.5/60

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -9.174 ± 0.188 $\chi^2/\text{NDF}: 335.3/13$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -8.996 ± 0.192 $\chi^2/\text{NDF}: 560.7/11$

Left: -9.087 ± 0.134 $\chi^2/\text{NDF}: 896.4/25$

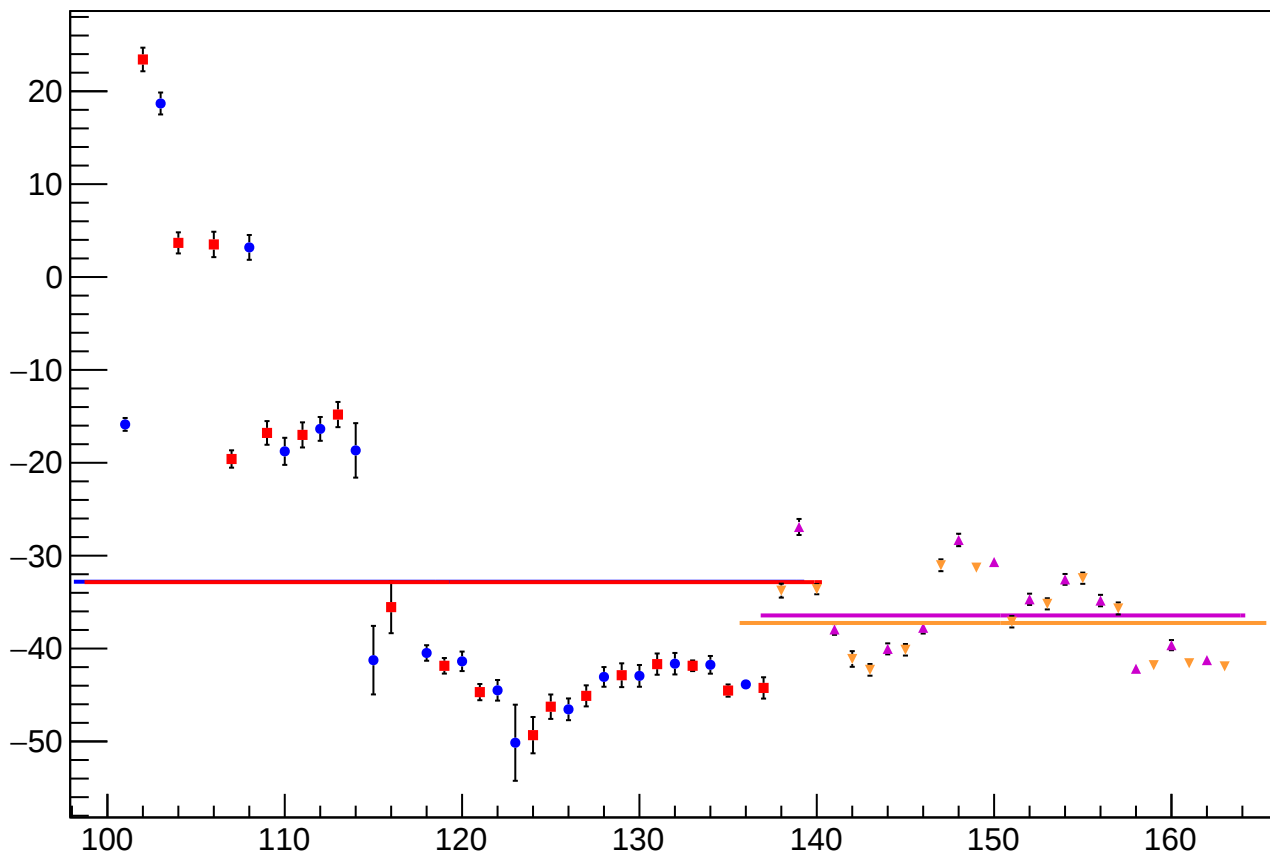
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -6.936 ± 0.174 $\chi^2/\text{NDF}: 1223.4/28$

Out: -6.956 ± 0.170 $\chi^2/\text{NDF}: 1123.3/31$

All: -6.946 ± 0.121 $\chi^2/\text{NDF}: 2346.6/60$

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: -37.247 ± 0.159 $\chi^2/\text{NDF}: 710.6/13$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.435 ± 0.167 $\chi^2/\text{NDF}: 778.4/11$

Left: -36.862 ± 0.115 $\chi^2/\text{NDF}: 1501.5/25$

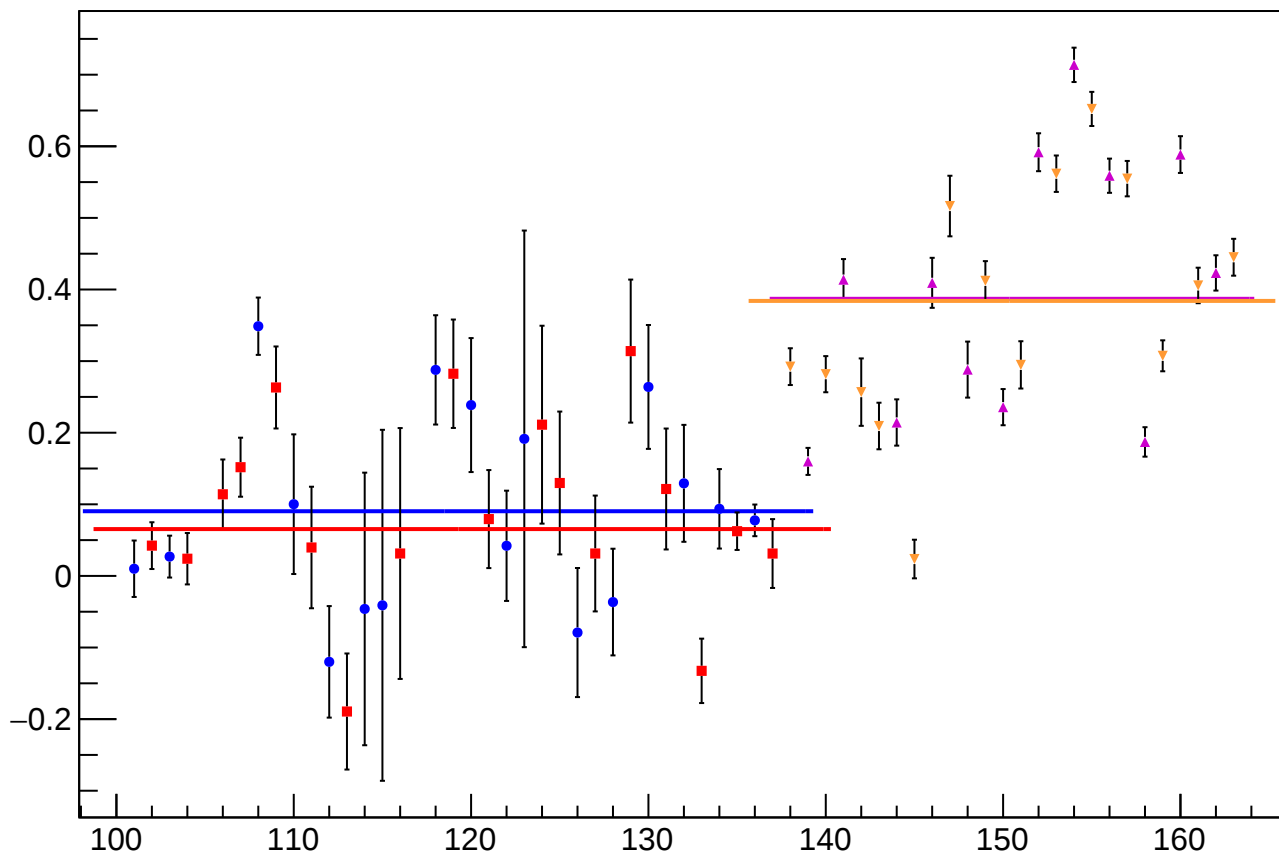
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.340 ± 0.140 $\chi^2/\text{NDF}: 5583.5/28$

Out: -35.942 ± 0.133 $\chi^2/\text{NDF}: 6688.6/31$

All: -35.656 ± 0.096 $\chi^2/\text{NDF}: 12281.8/60$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.384 ± 0.007 $\chi^2/\text{NDF}: 504.2/13$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.387 ± 0.007 $\chi^2/\text{NDF}: 672.0/11$

Left: 0.386 ± 0.005 $\chi^2/\text{NDF}: 1176.2/25$

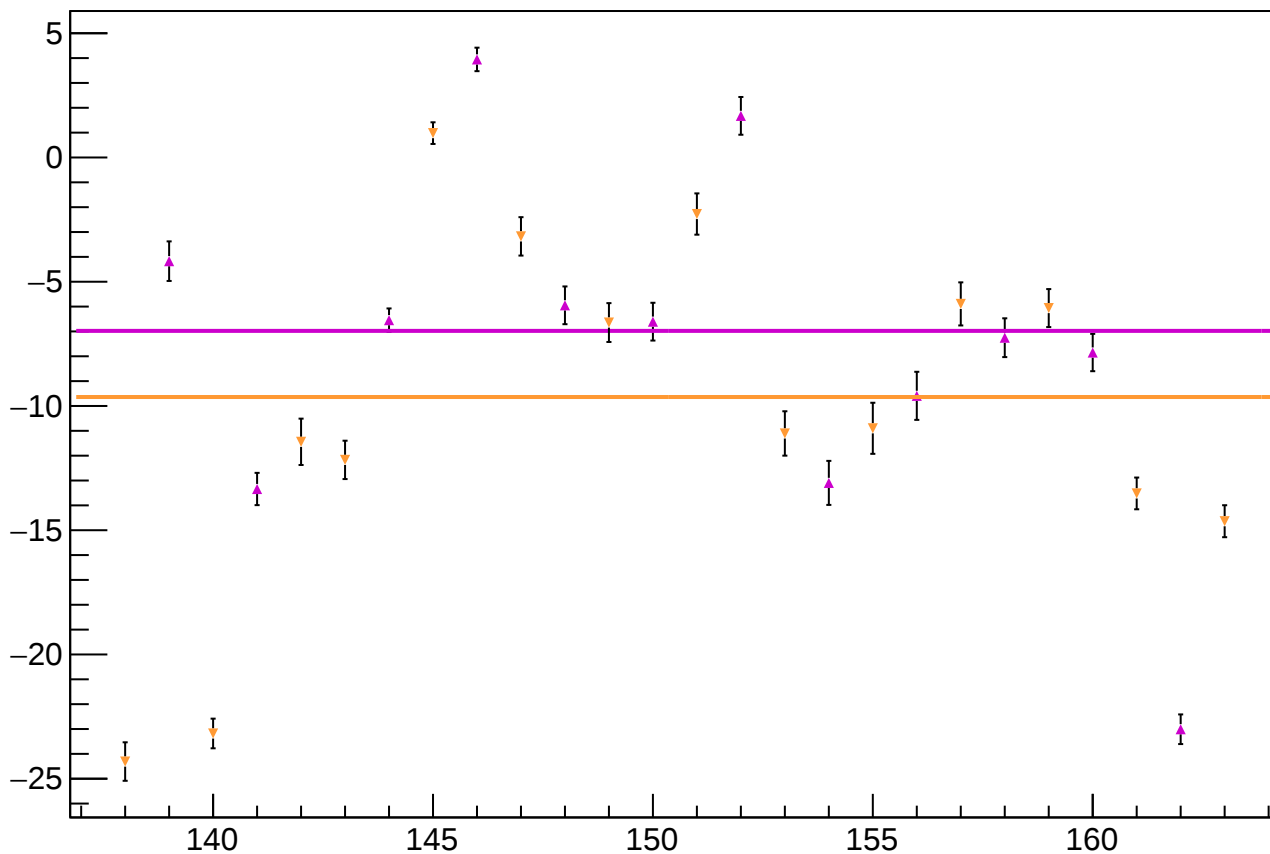
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.313 ± 0.006 $\chi^2/\text{NDF}: 1158.6/28$

Out: 0.301 ± 0.006 $\chi^2/\text{NDF}: 1070.3/31$

All: 0.307 ± 0.004 $\chi^2/\text{NDF}: 2230.7/60$

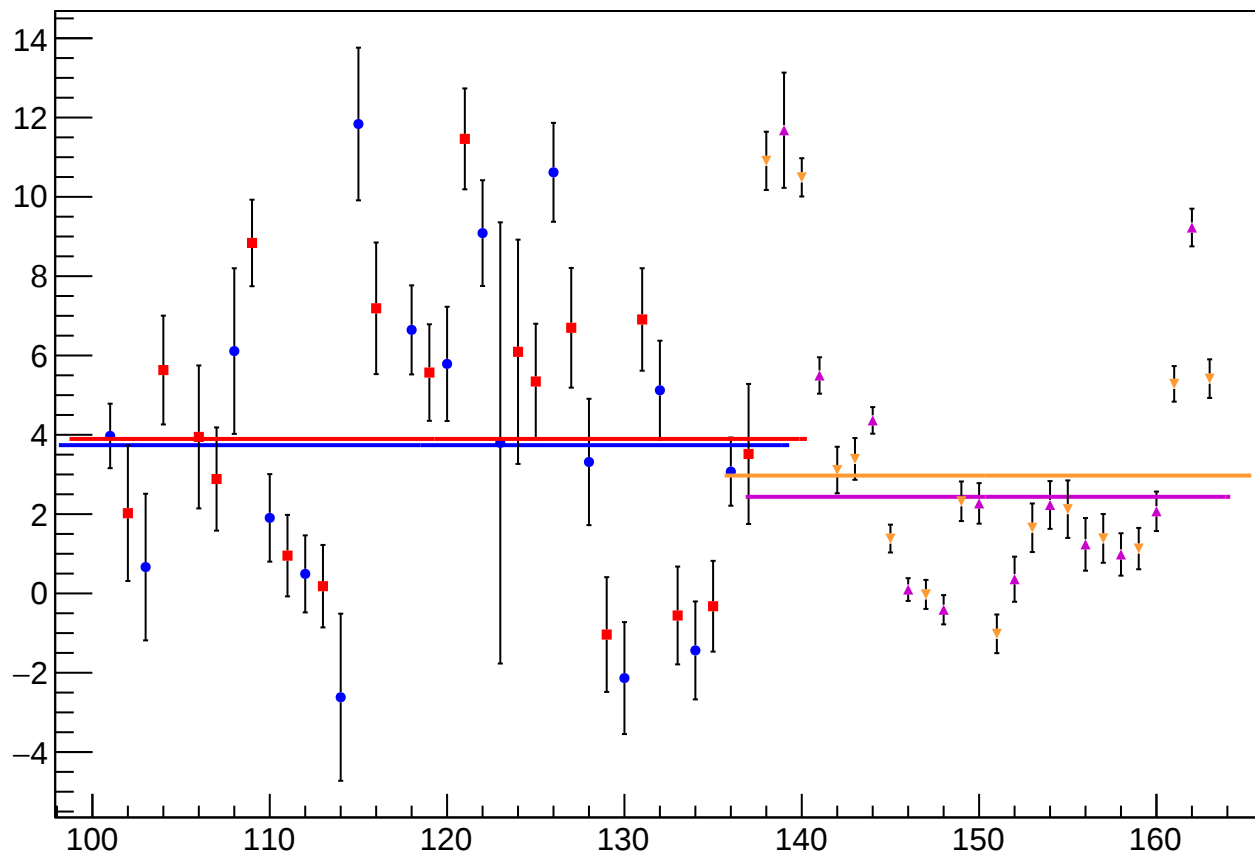
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.640 ± 0.191 χ^2/NDF : 1786.6/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -6.978 ± 0.194 χ^2/NDF : 1553.9/11

Left: -8.327 ± 0.136 χ^2/NDF : 3436.3/25
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -6.978 ± 0.194 χ^2/NDF : 1553.9/11
 Out: -9.640 ± 0.191 χ^2/NDF : 1786.6/13
 All: -8.327 ± 0.136 χ^2/NDF : 3436.3/25

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.972 $\pm$ 0.133 χ^2 /NDF: 593.4/13

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 2.436 $\pm$ 0.132 χ^2 /NDF: 473.2/11

Left: 2.702 $\pm$ 0.094 χ^2 /NDF: 1074.8/25

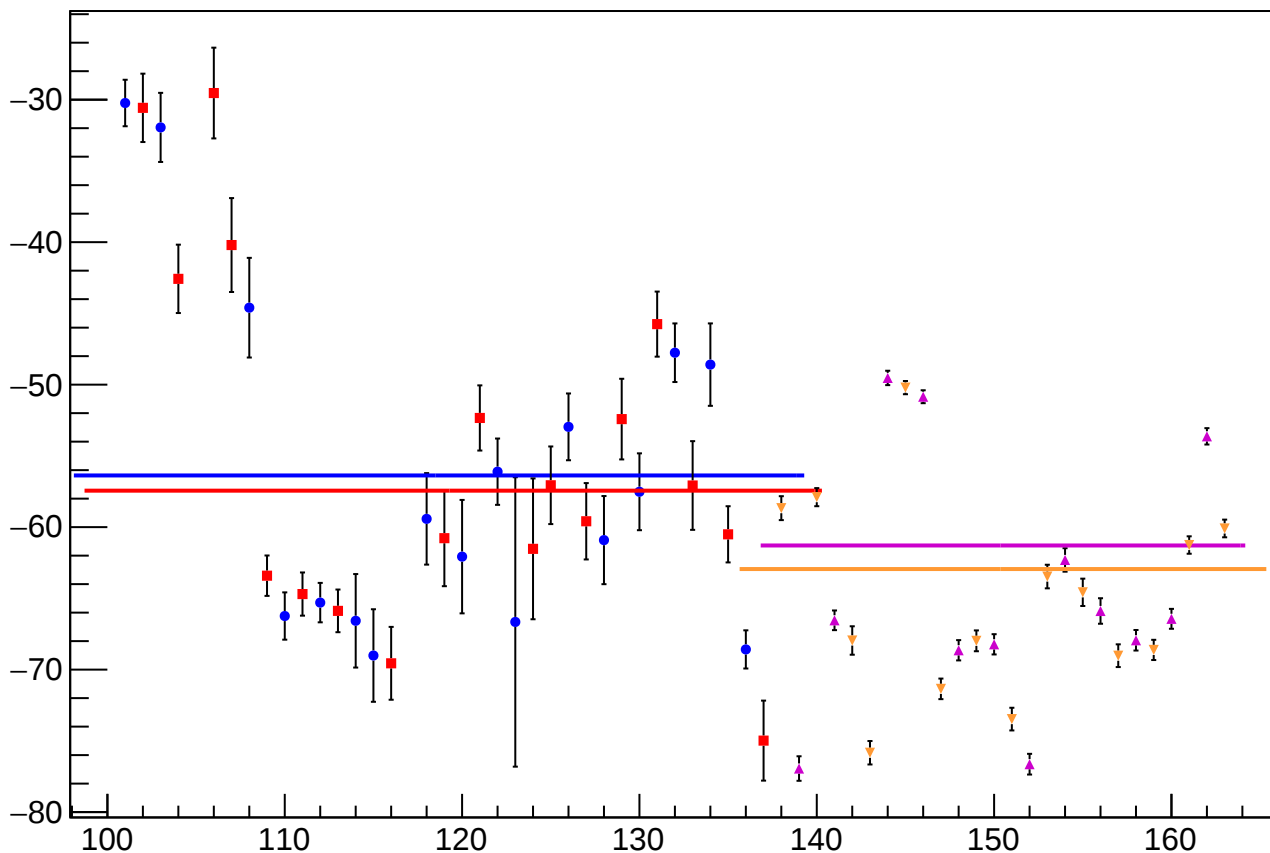
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.637 $\pm$ 0.121 χ^2 /NDF: 625.1/28

Out: 3.111 $\pm$ 0.123 χ^2 /NDF: 735.5/31

All: 2.871 $\pm$ 0.086 χ^2 /NDF: 1368.2/60

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: -62.941 ± 0.190 χ^2/NDF : 1626.1/13

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -61.287 ± 0.190 χ^2/NDF : 2453.4/11

Left: -62.114 ± 0.134 χ^2/NDF : 4117.5/25

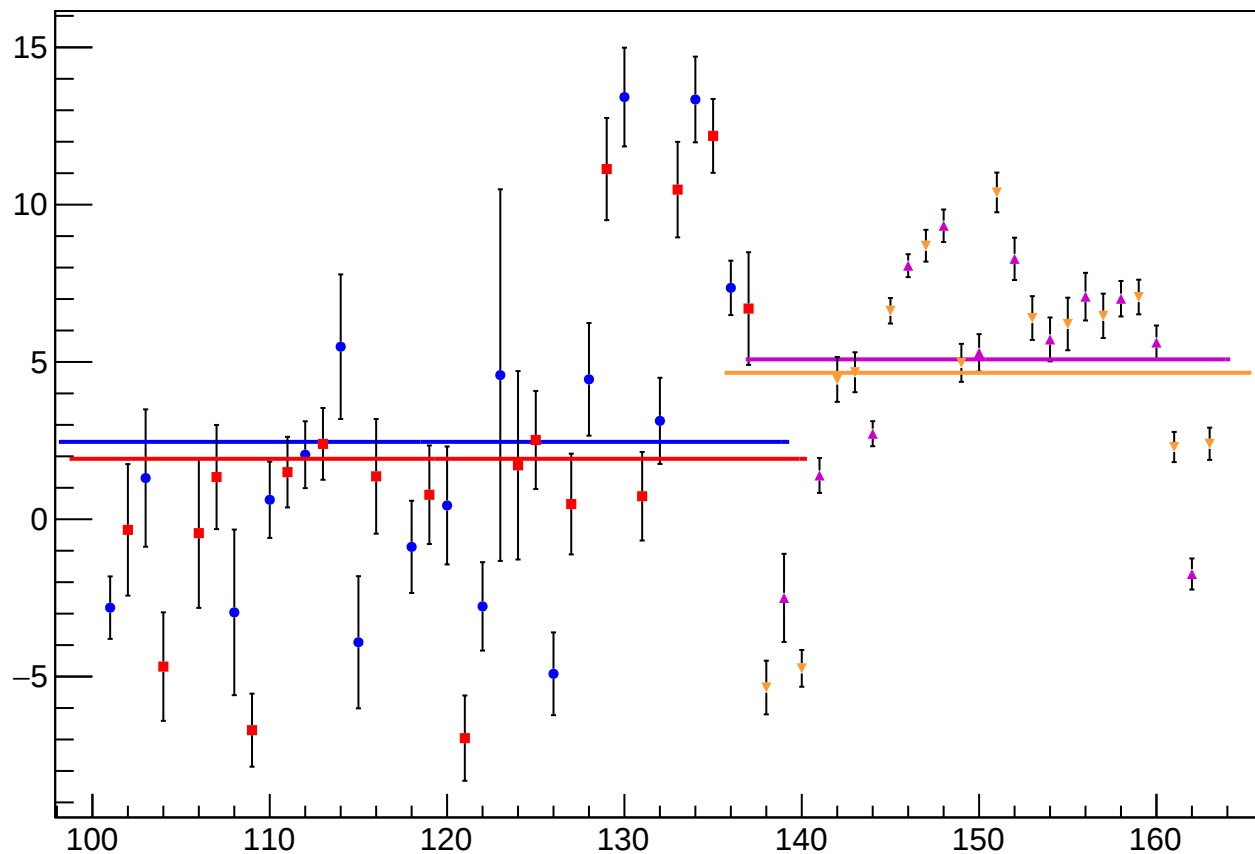
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -60.753 ± 0.179 χ^2/NDF : 3114.0/28

Out: -62.330 ± 0.179 χ^2/NDF : 2160.4/31

All: -61.542 ± 0.127 χ^2/NDF : 5313.2/60

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.656 ± 0.156 χ^2/NDF : 645.8/13

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.082 ± 0.156 χ^2/NDF : 476.5/11

Left: 4.868 ± 0.111 χ^2/NDF : 1125.9/25

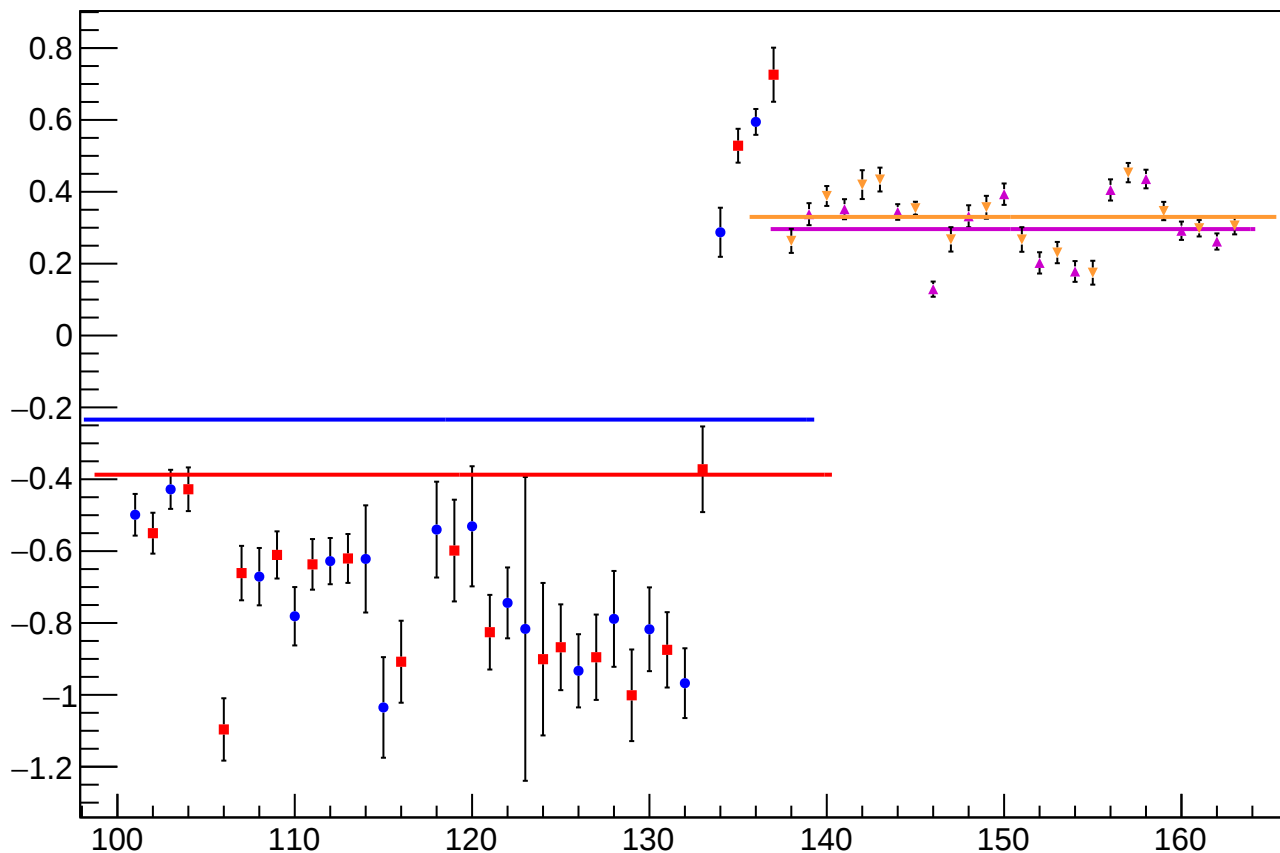
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 4.637 ± 0.143 χ^2/NDF : 768.0/28

Out: 4.212 ± 0.143 χ^2/NDF : 960.5/31

All: 4.425 ± 0.101 χ^2/NDF : 1733.0/60

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.330 ± 0.007 χ^2/NDF : 89.8/13

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.296 ± 0.008 χ^2/NDF : 156.7/11

Left: 0.313 ± 0.005 χ^2/NDF : 256.6/25

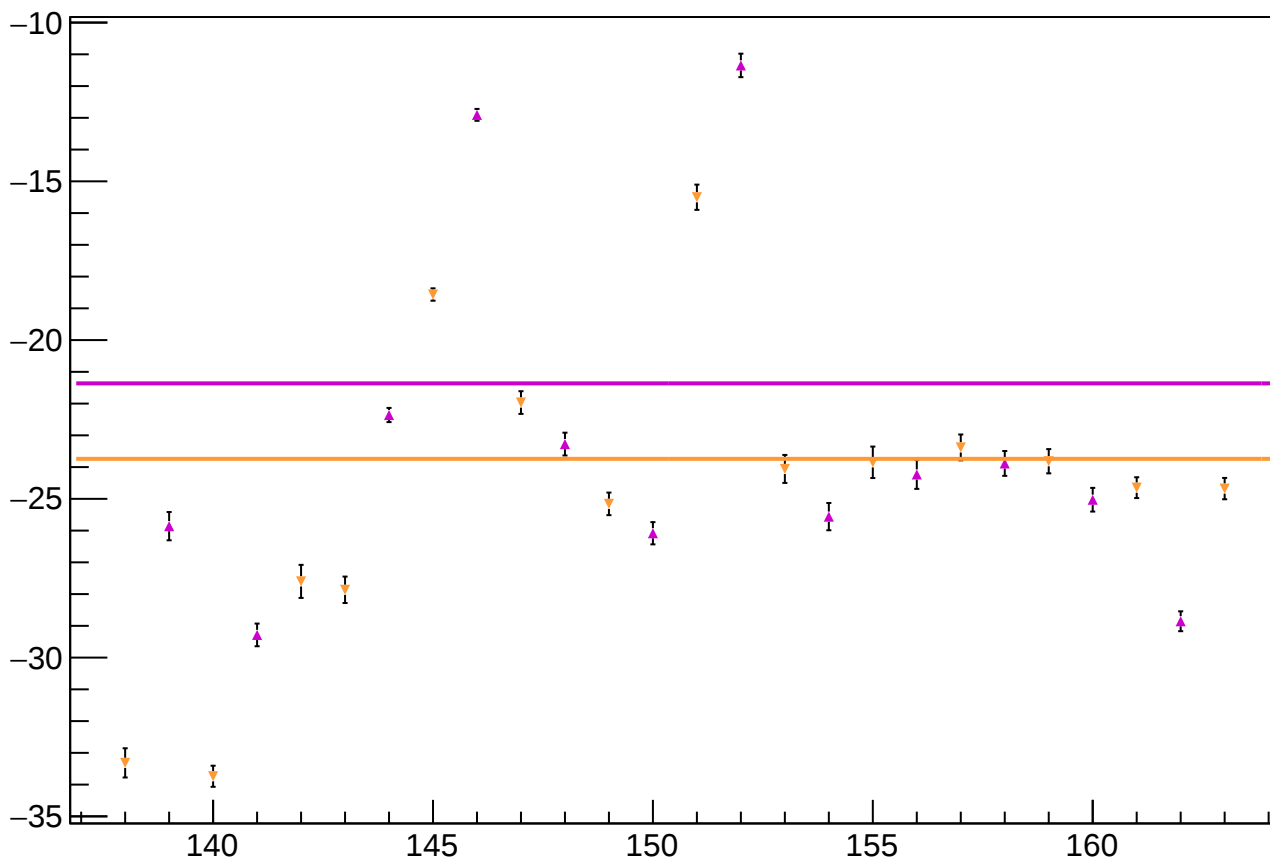
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.223 ± 0.007 χ^2/NDF : 1793.0/28

Out: 0.234 ± 0.007 χ^2/NDF : 2171.4/31

All: 0.229 ± 0.005 χ^2/NDF : 3965.9/60

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



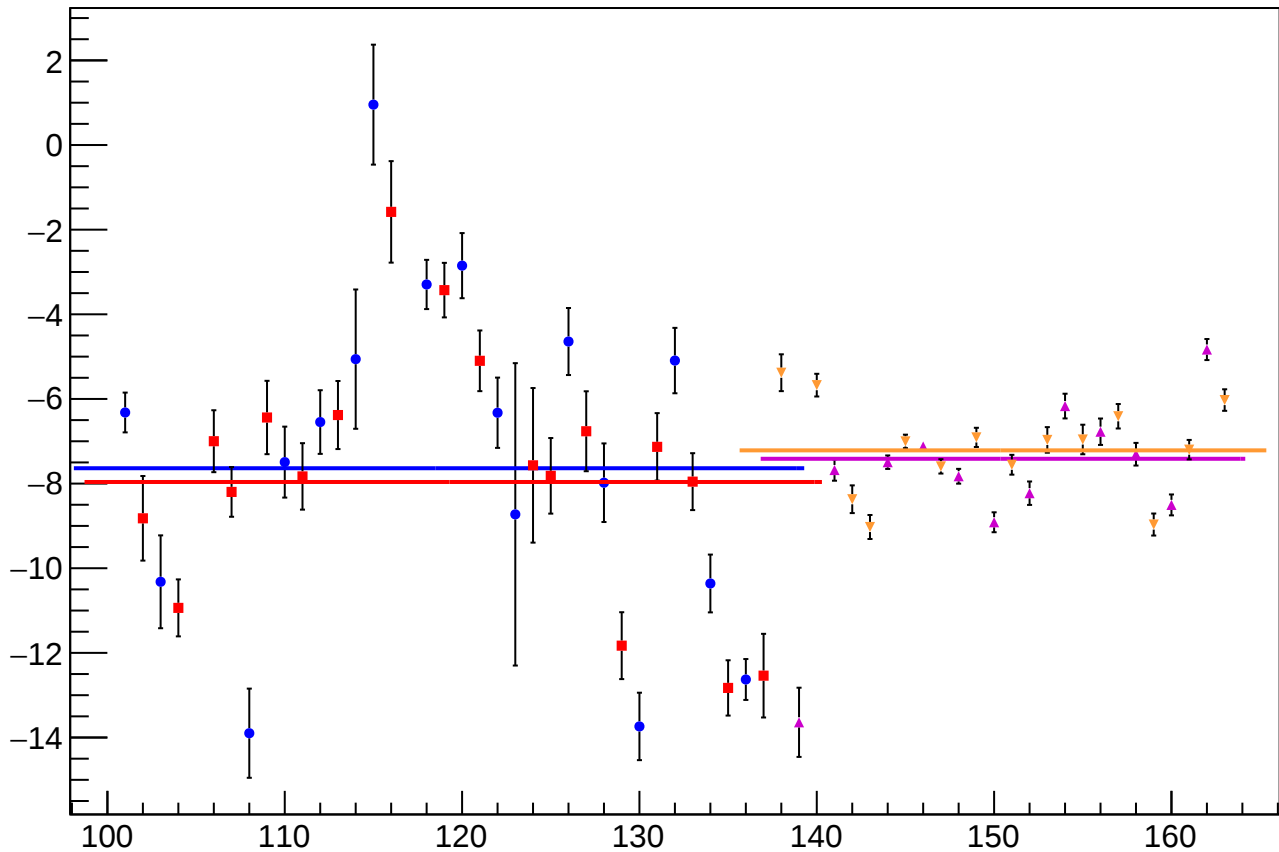
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2685.8/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.363 ± 0.092 $\chi^2/\text{NDF}: 4439.2/11$

Left: -22.516 ± 0.066 $\chi^2/\text{NDF}: 7450.7/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.363 ± 0.092 $\chi^2/\text{NDF}: 4439.2/11$
 Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2685.8/13$

All: -22.516 ± 0.066 $\chi^2/\text{NDF}: 7450.7/25$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.215 ± 0.065 χ^2/NDF : 190.9/13

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.414 ± 0.062 χ^2/NDF : 270.1/11

Left: -7.320 ± 0.045 χ^2/NDF : 465.9/25

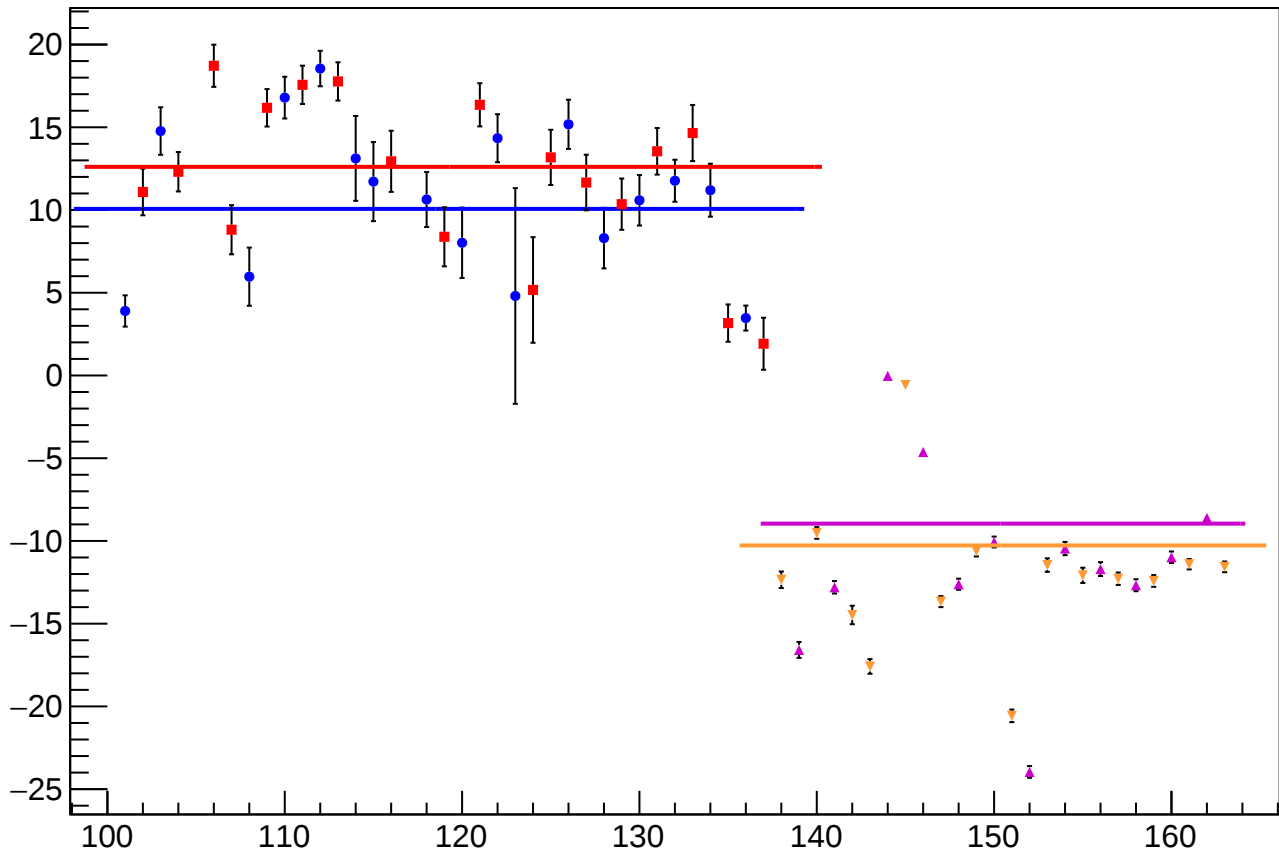
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.436 ± 0.059 χ^2/NDF : 665.4/28

Out: -7.297 ± 0.062 χ^2/NDF : 431.8/31

All: -7.370 ± 0.043 χ^2/NDF : 1099.9/60

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: -10.271 ± 0.094 $\chi^2/\text{NDF}: 3519.5/13$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -8.954 ± 0.090 $\chi^2/\text{NDF}: 4447.5/11$

Left: -9.584 ± 0.065 $\chi^2/\text{NDF}: 8070.5/25$

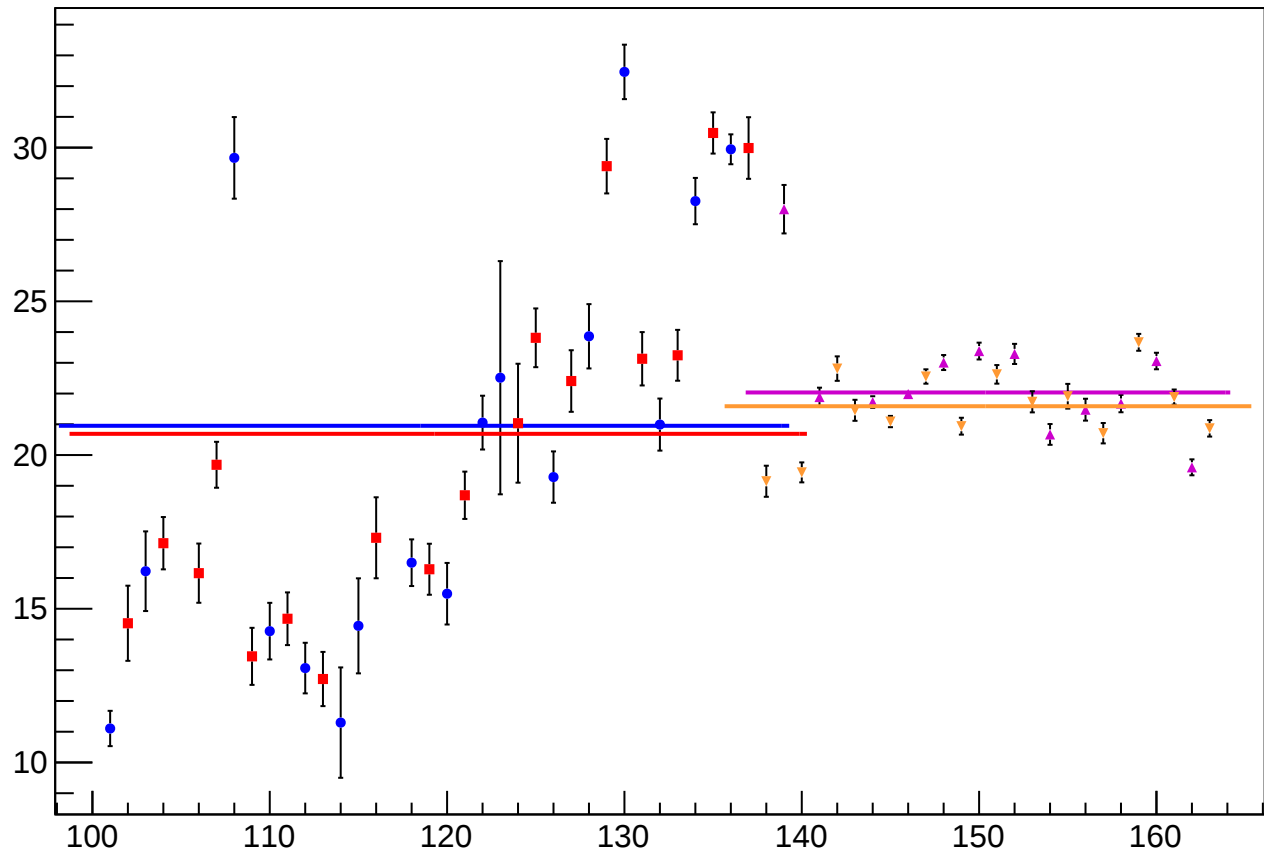
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -7.700 ± 0.087 $\chi^2/\text{NDF}: 7669.9/28$

Out: -8.599 ± 0.090 $\chi^2/\text{NDF}: 8111.7/31$

All: -8.132 ± 0.062 $\chi^2/\text{NDF}: 15833.2/60$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.588 $\pm$ 0.077 χ^2 /NDF:192.5/13

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.035 $\pm$ 0.074 χ^2 /NDF:238.2/11

Left: 21.822 $\pm$ 0.053 χ^2 /NDF: 448.3/25

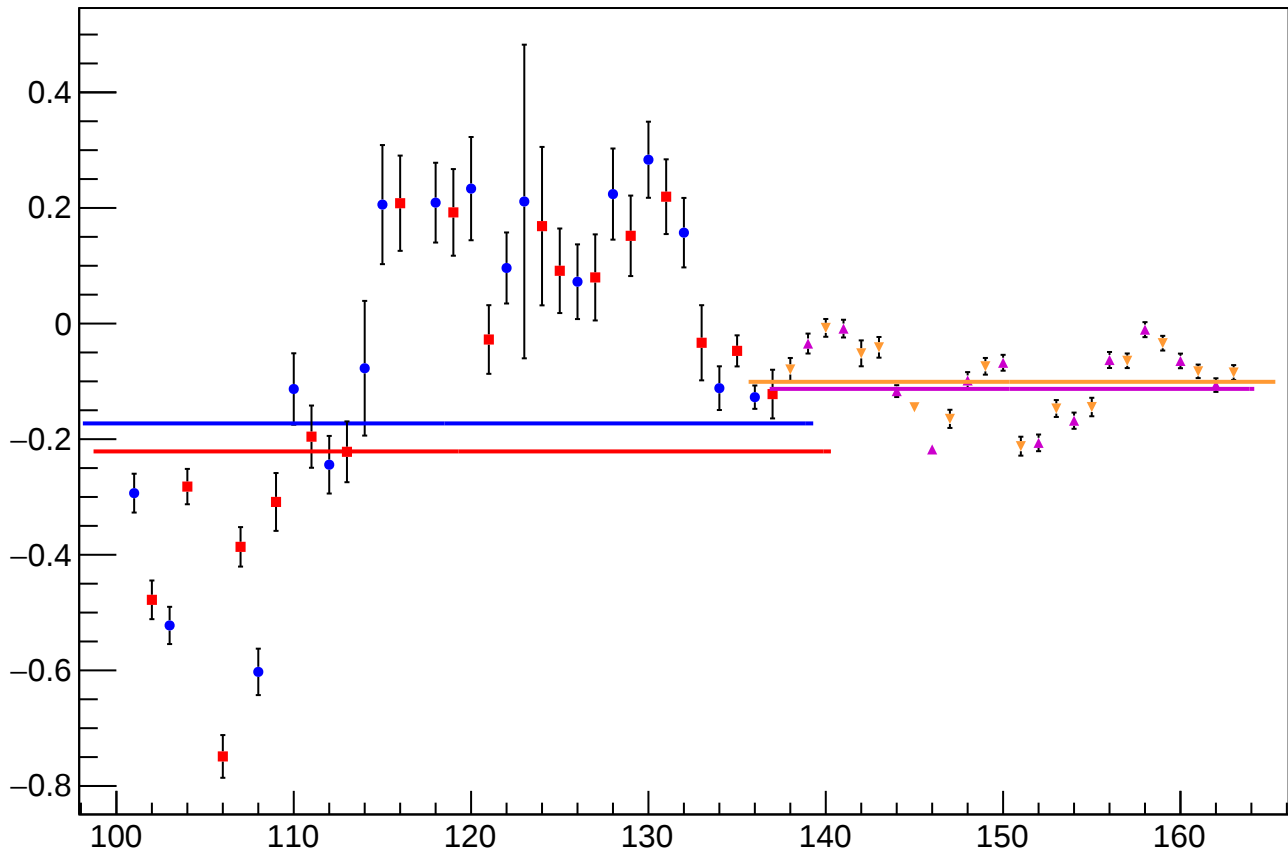
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.916 $\pm$ 0.070 χ^2 /NDF:1484.7/28

Out: 21.483 $\pm$ 0.073 χ^2 /NDF:935.2/31

All: 21.709 $\pm$ 0.050 χ^2 /NDF: 2438.4/60

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: -0.101±/0.004 χ^2/NDF :207.0/13

Right Out: -0.221±/0.011 χ^2/NDF : 535.1/17

Left In: -0.113±/0.004 χ^2/NDF :380.3/11

Left: -0.107±/0.003 χ^2/NDF : 592.9/25

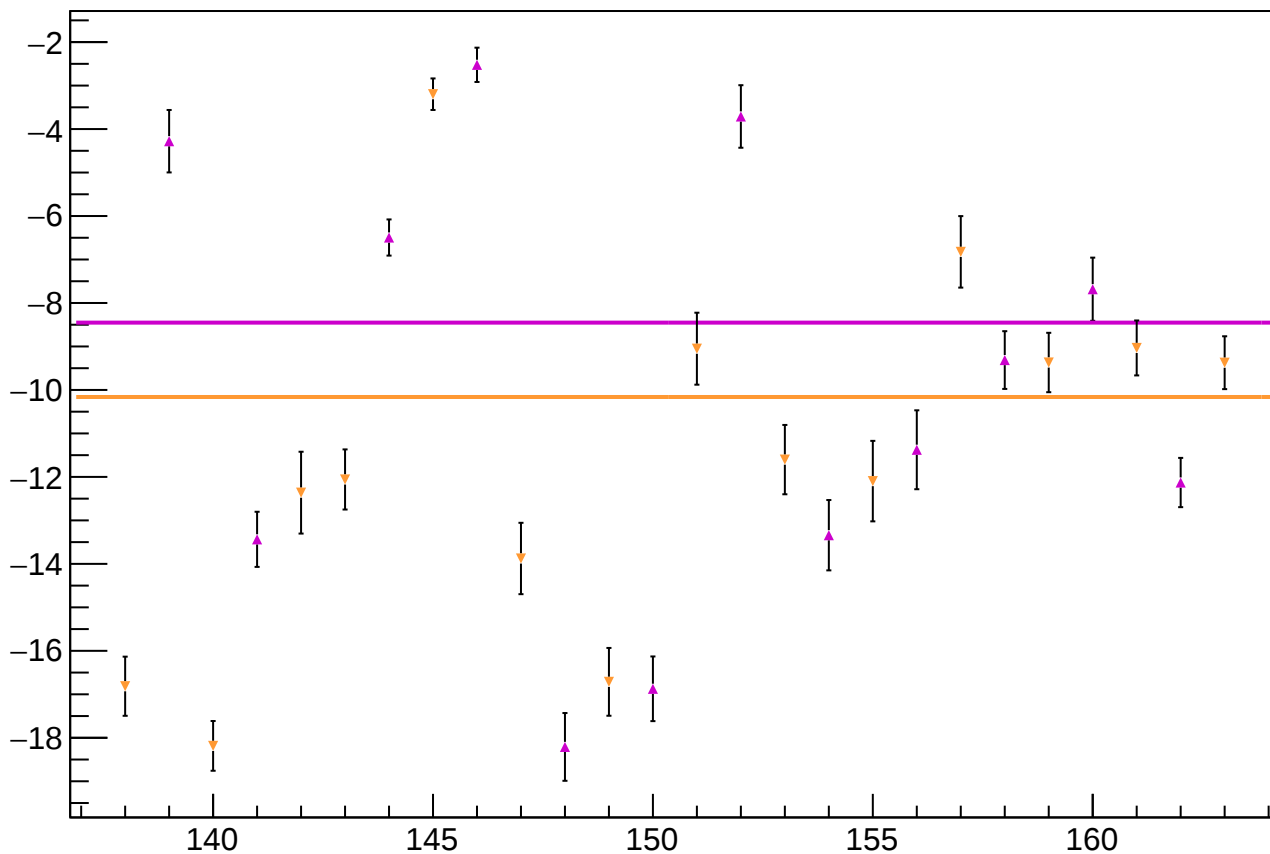
Right: -0.197±/0.008 χ^2/NDF : 1005.0/34

In: -0.119±/0.003 χ^2/NDF :866.4/28

Out: -0.113±/0.003 χ^2/NDF :850.5/31

All: -0.116±/0.002 χ^2/NDF : 1718.3/60

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.162+/-0.176 χ^2/NDF : 797.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Left: -9.309+/-0.125 χ^2/NDF : 1608.3/25

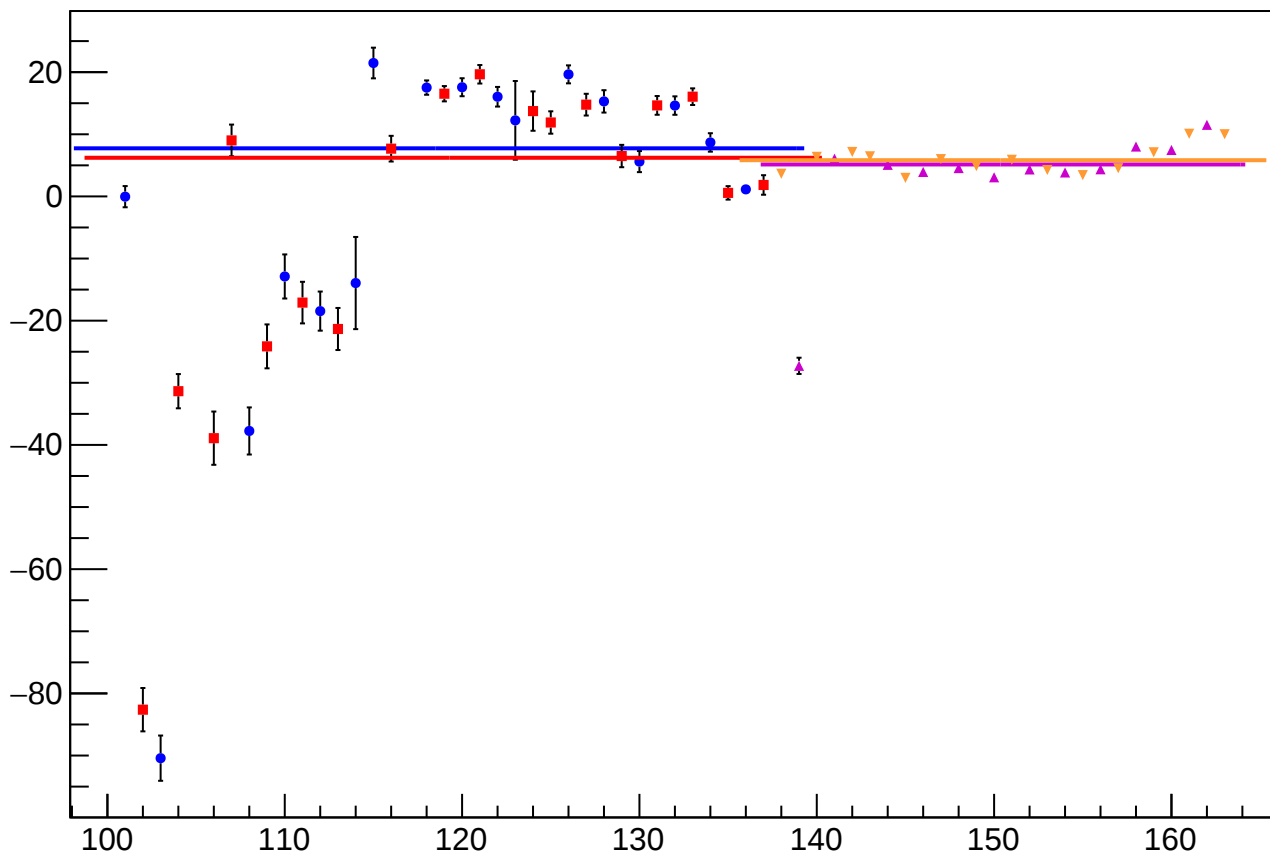
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Out: -10.162+/-0.176 χ^2/NDF : 797.3/13

All: -9.309+/-0.125 χ^2/NDF : 1608.3/25

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 $\pm$ 0.403 χ^2 /NDF: 1358.9/16

Left Out: 5.829 $\pm$ 0.125 χ^2 /NDF:329.9/13

Right Out: 6.220 $\pm$ 0.434 χ^2 /NDF: 1445.9/17

Left In: 5.143 $\pm$ 0.122 χ^2 /NDF:934.3/11

Left: 5.479 $\pm$ 0.087 χ^2 /NDF: 1279.7/25

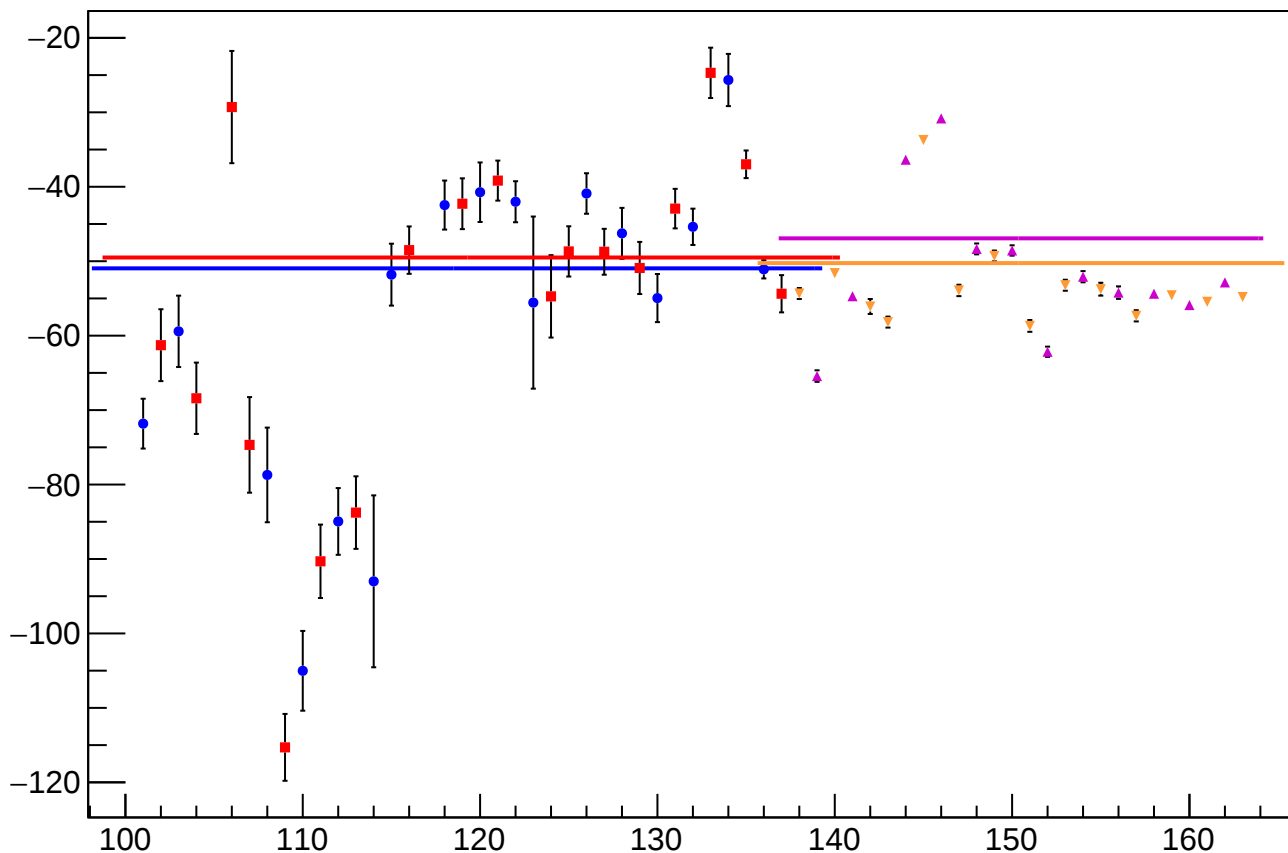
Right: 7.037 $\pm$ 0.295 χ^2 /NDF: 2811.4/34

In: 5.361 $\pm$ 0.117 χ^2 /NDF:2331.4/28

Out: 5.859 $\pm$ 0.120 χ^2 /NDF:1776.5/31

All: 5.604 $\pm$ 0.084 χ^2 /NDF: 4116.7/60

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: -50.254 ± 0.176 χ^2/NDF : 2444.3/13

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -46.929 ± 0.173 χ^2/NDF : 4123.1/11

Left: -48.565 ± 0.124 χ^2/NDF : 6748.4/25

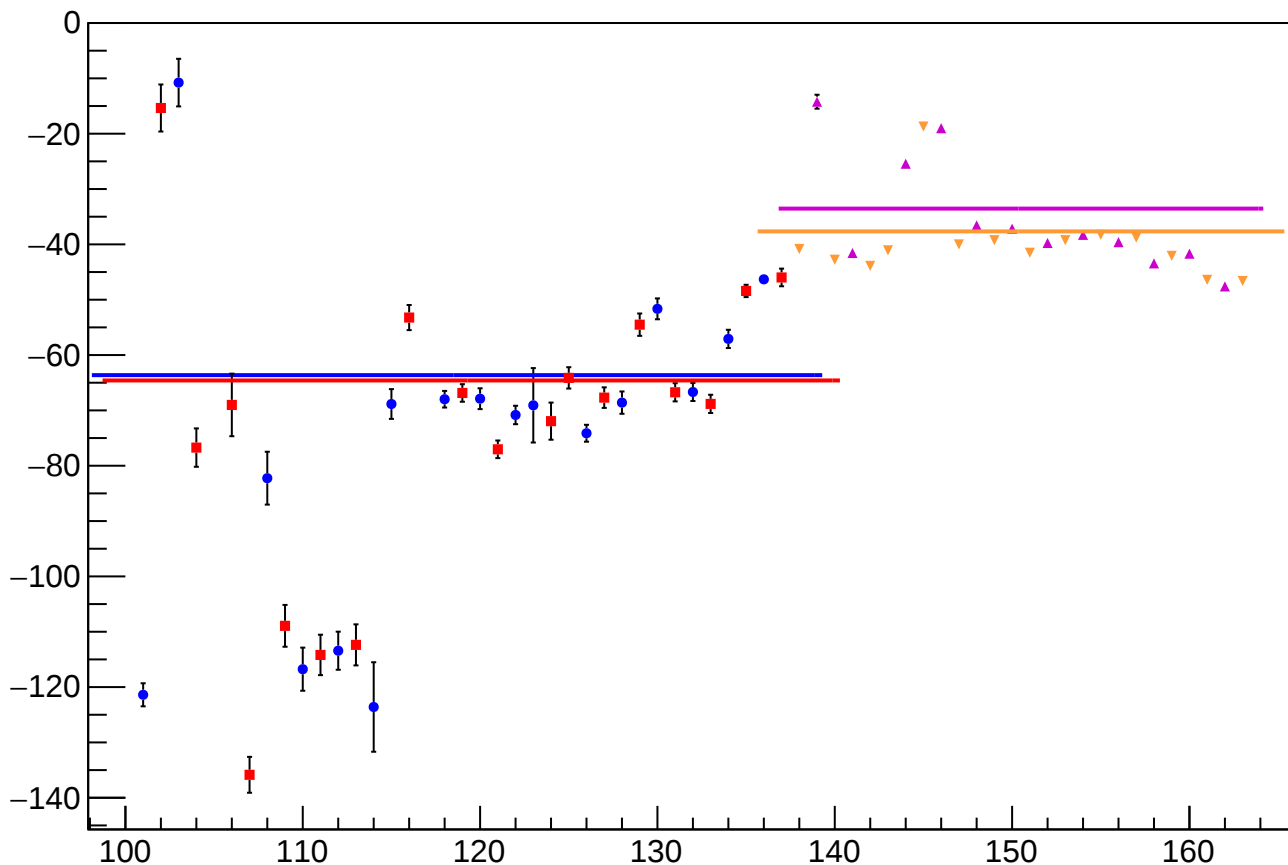
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -47.140 ± 0.169 χ^2/NDF : 4483.2/28

Out: -50.219 ± 0.172 χ^2/NDF : 2951.6/31

All: -48.651 ± 0.120 χ^2/NDF : 7598.1/60

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: -37.658 ± 0.146 χ^2/NDF : 4273.3/13

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -33.537 ± 0.144 χ^2/NDF : 4974.8/11

Left: -35.576 ± 0.102 χ^2/NDF : 9653.0/25

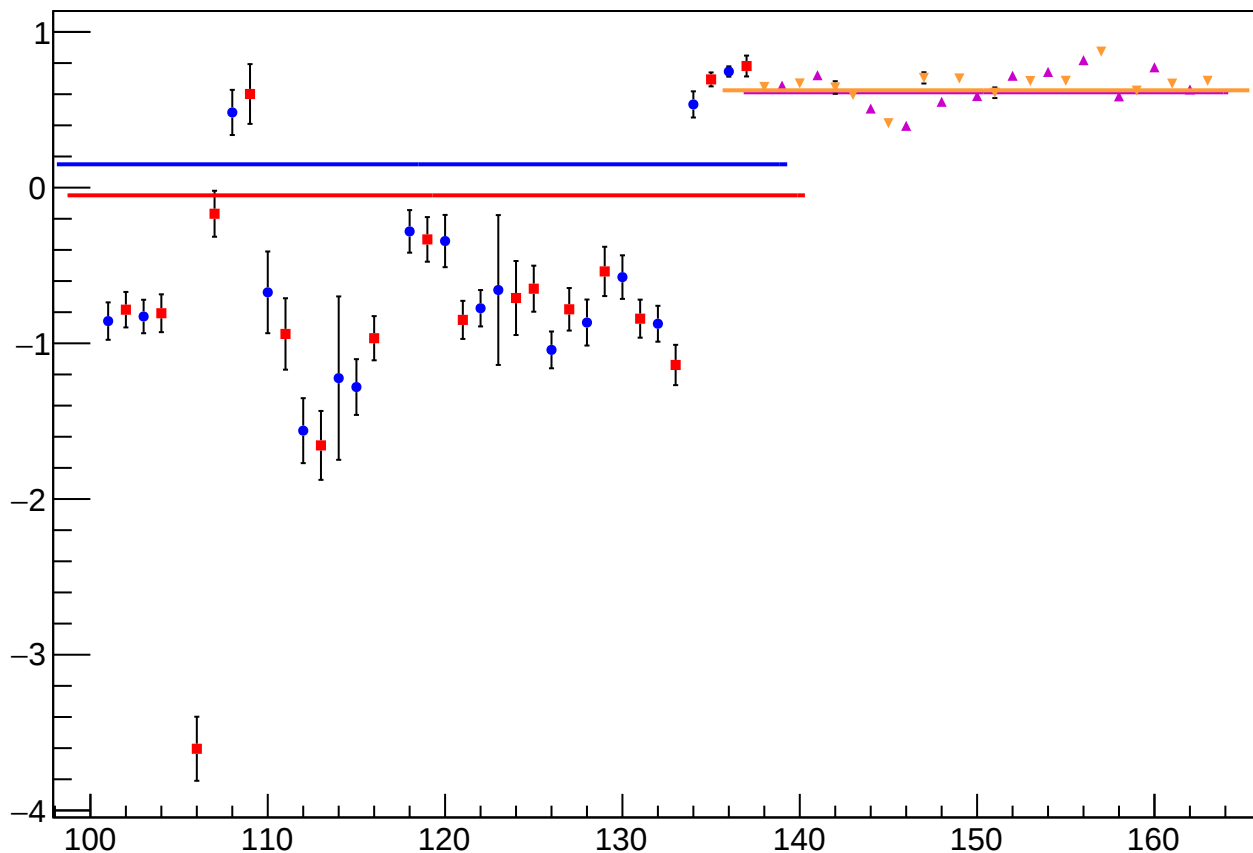
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -36.383 ± 0.137 χ^2/NDF : 11111.3/28

Out: -39.908 ± 0.139 χ^2/NDF : 8726.9/31

All: -38.116 ± 0.098 χ^2/NDF : 20163.4/60

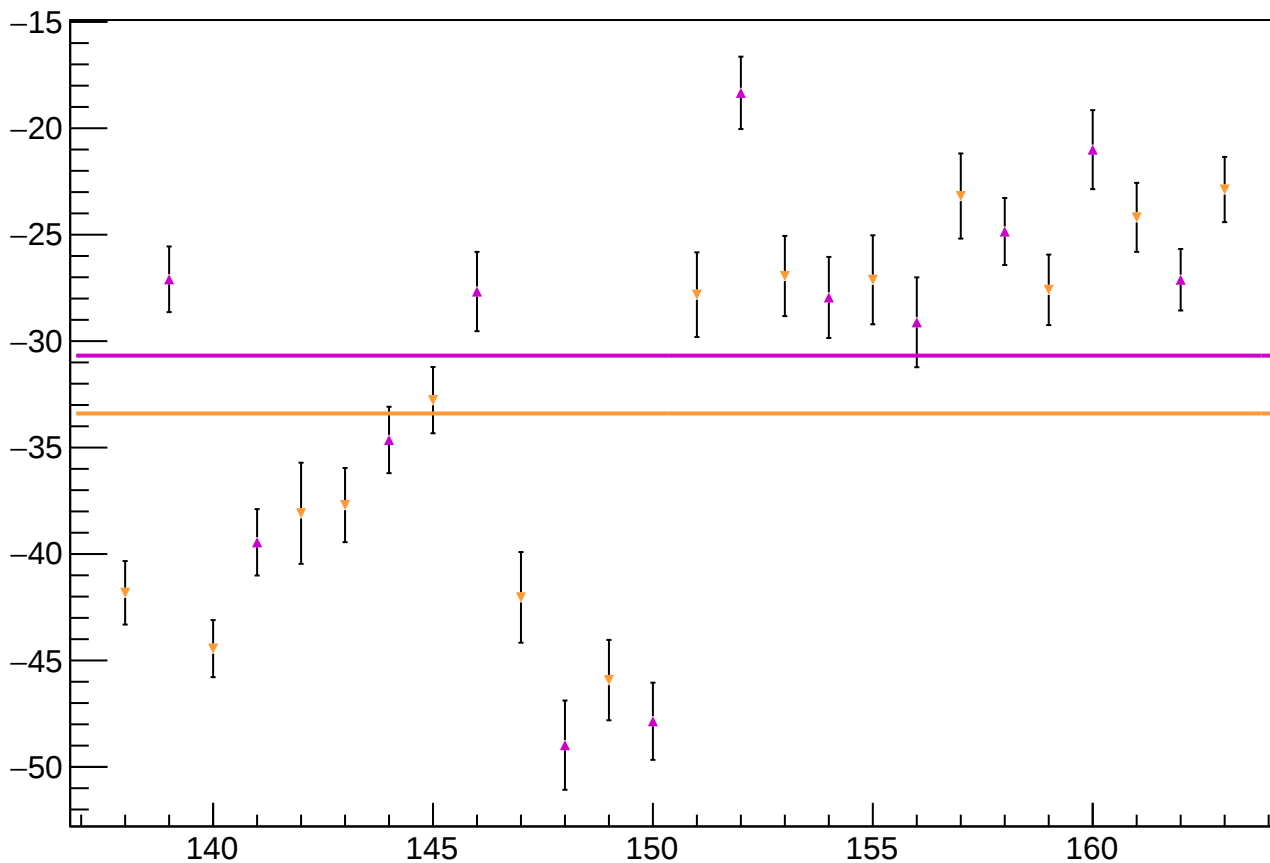
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.625 ± 0.007 χ^2/NDF : 323.6/13
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.612 ± 0.007 χ^2/NDF : 337.2/11

Left: 0.619 ± 0.005 χ^2/NDF : 662.5/25
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.576 ± 0.007 χ^2/NDF : 1669.1/28
 Out: 0.582 ± 0.007 χ^2/NDF : 2096.7/31
 All: 0.579 ± 0.005 χ^2/NDF : 3766.1/60

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



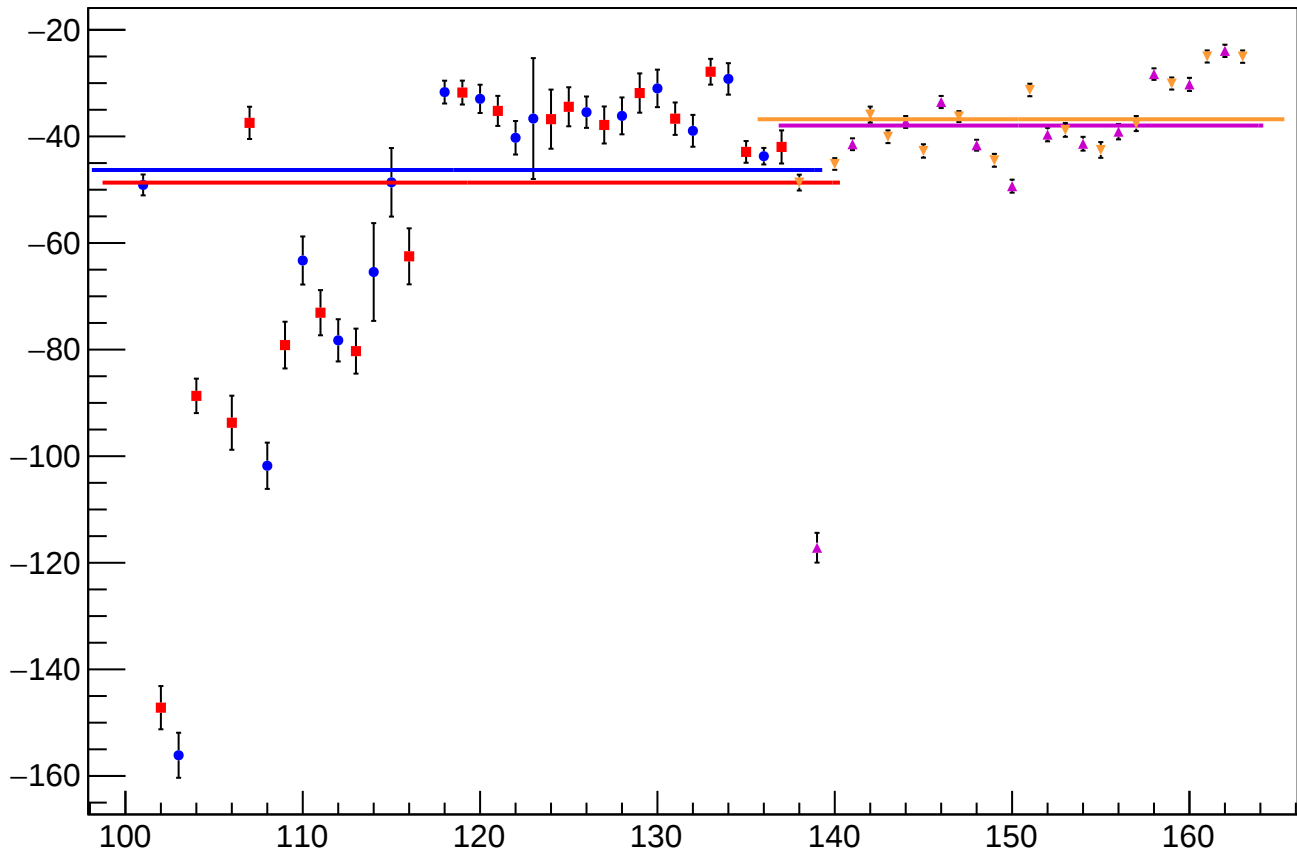
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.398+/-0.466 χ^2/NDF :316.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.680+/-0.495 χ^2/NDF :314.5/11

Left: -32.121+/-0.339 χ^2/NDF : 647.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.680+/-0.495 χ^2/NDF :314.5/11
 Out: -33.398+/-0.466 χ^2/NDF :316.8/13

All: -32.121+/-0.339 χ^2/NDF : 647.3/25

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -36.778 ± 0.328 $\chi^2/\text{NDF}: 477.3/13$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -37.961 ± 0.352 $\chi^2/\text{NDF}: 1204.2/11$

Left: -37.329 ± 0.240 $\chi^2/\text{NDF}: 1687.6/25$

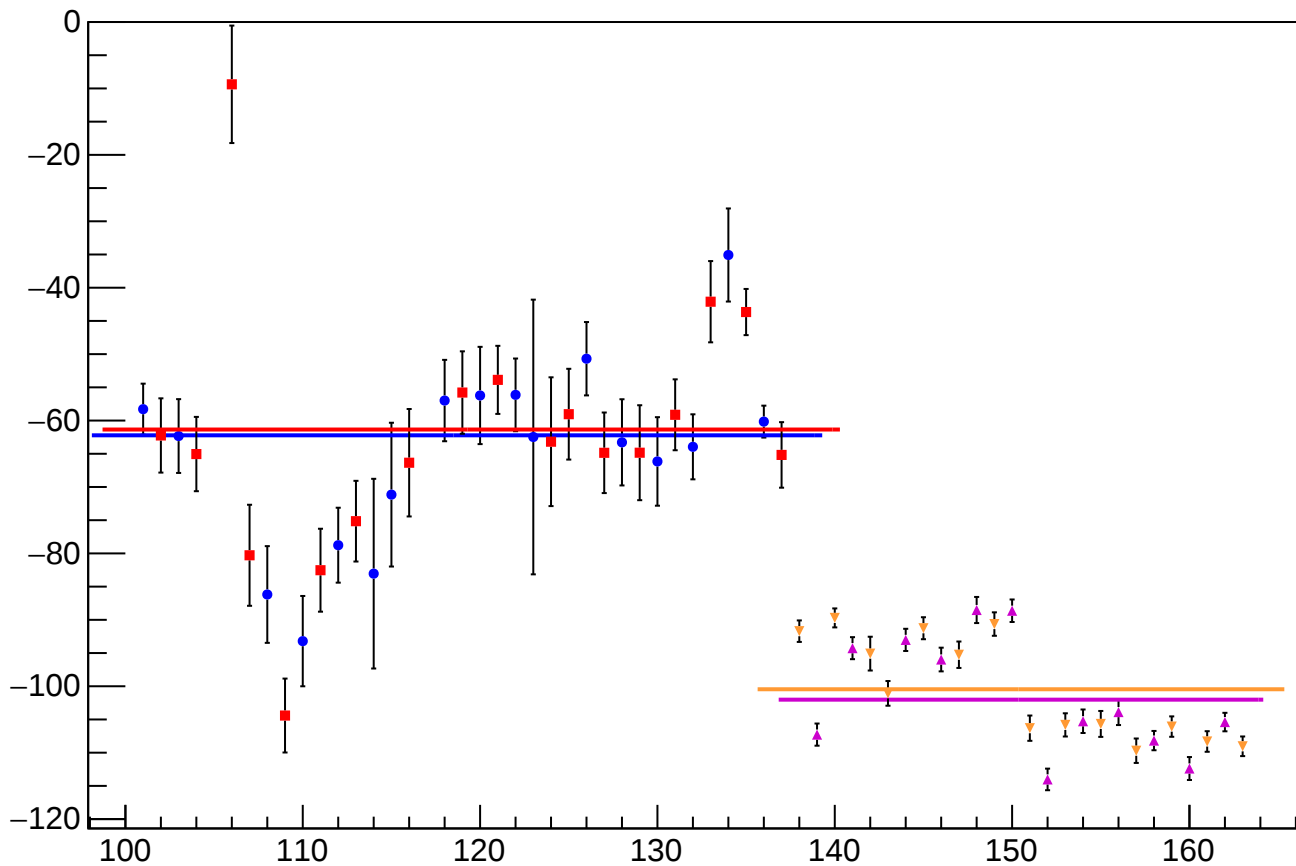
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -39.556 ± 0.316 $\chi^2/\text{NDF}: 2395.7/28$

Out: -38.634 ± 0.302 $\chi^2/\text{NDF}: 1894.3/31$

All: -39.073 ± 0.218 $\chi^2/\text{NDF}: 4294.4/60$

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: -100.452 ± 0.460 χ^2/NDF : 283.2/13

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -102.018 ± 0.483 χ^2/NDF : 300.7/11

Left: -101.198 ± 0.333 χ^2/NDF : 589.4/25

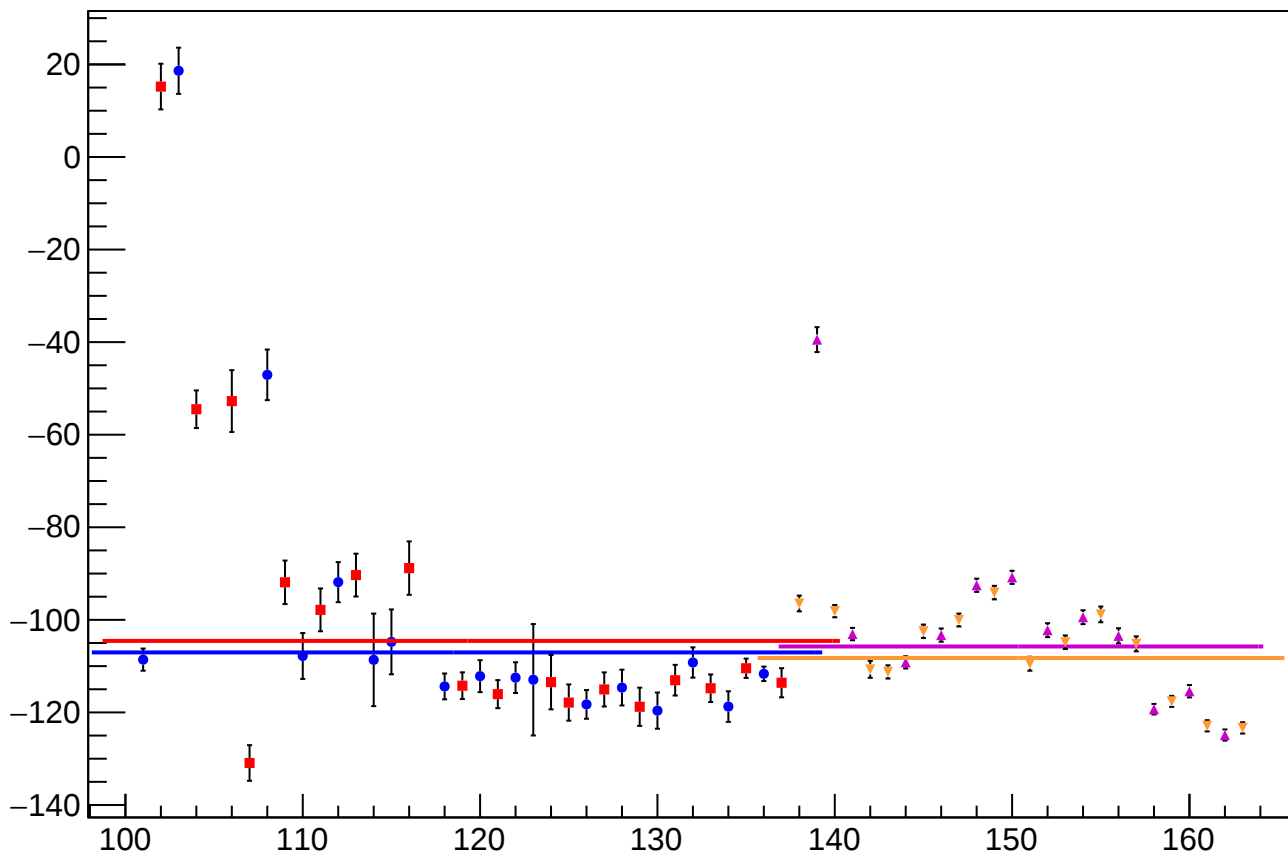
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -97.269 ± 0.453 χ^2/NDF : 1178.7/28

Out: -96.548 ± 0.437 χ^2/NDF : 1161.3/31

All: -96.896 ± 0.315 χ^2/NDF : 2341.4/60

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -108.244 ± 0.383 $\chi^2/\text{NDF}: 656.0/13$

Right Out: -104.550 ± 0.861 $\chi^2/\text{NDF}: 967.4/17$

Left In: -105.753 ± 0.408 $\chi^2/\text{NDF}: 1288.7/11$

Left: -107.078 ± 0.279 $\chi^2/\text{NDF}: 1964.5/25$

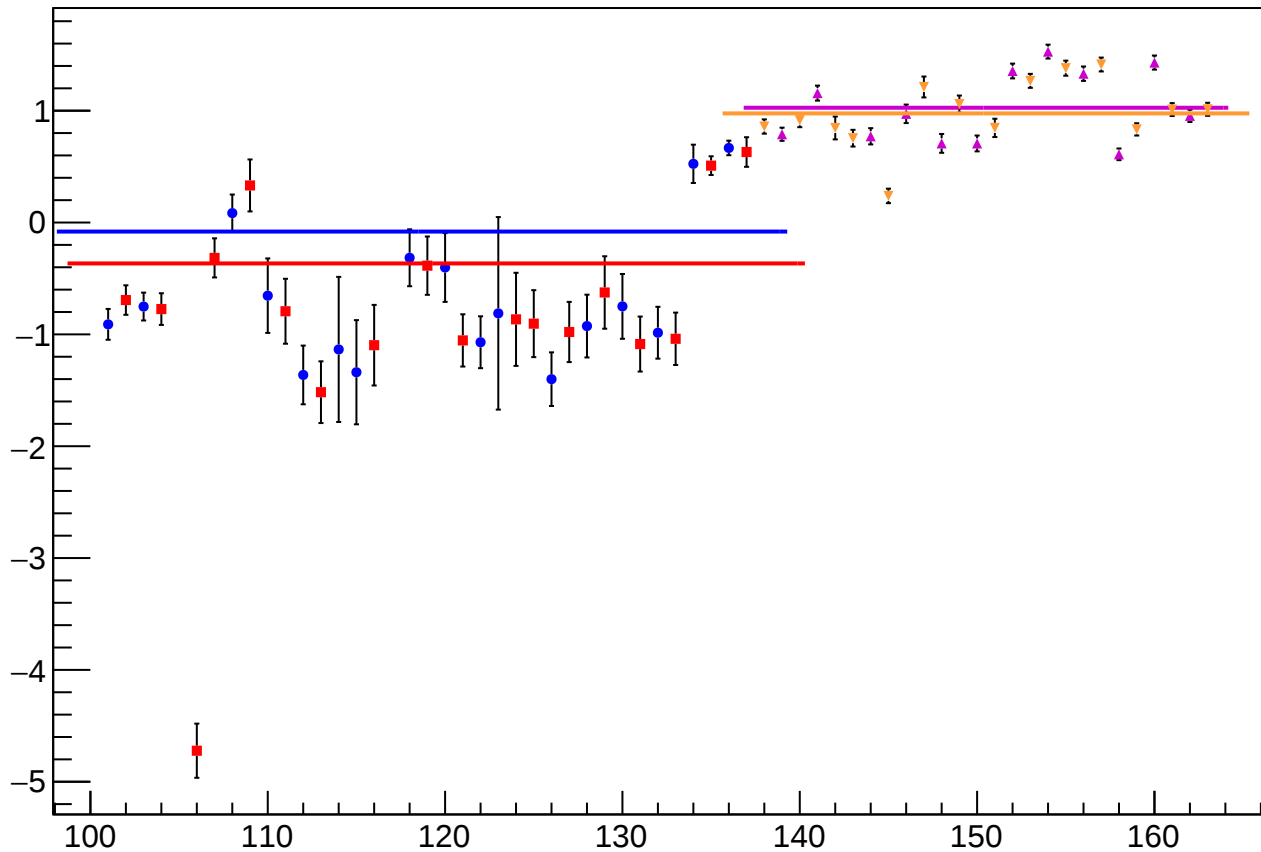
Right: -105.867 ± 0.591 $\chi^2/\text{NDF}: 1799.7/34$

In: -106.012 ± 0.364 $\chi^2/\text{NDF}: 2118.5/28$

Out: -107.634 ± 0.350 $\chi^2/\text{NDF}: 1638.8/31$

All: -106.857 ± 0.252 $\chi^2/\text{NDF}: 3767.6/60$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.976 ± 0.018 χ^2/NDF : 268.8/13

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.026 ± 0.019 χ^2/NDF : 286.3/11

Left: 1.000 ± 0.013 χ^2/NDF : 559.0/25

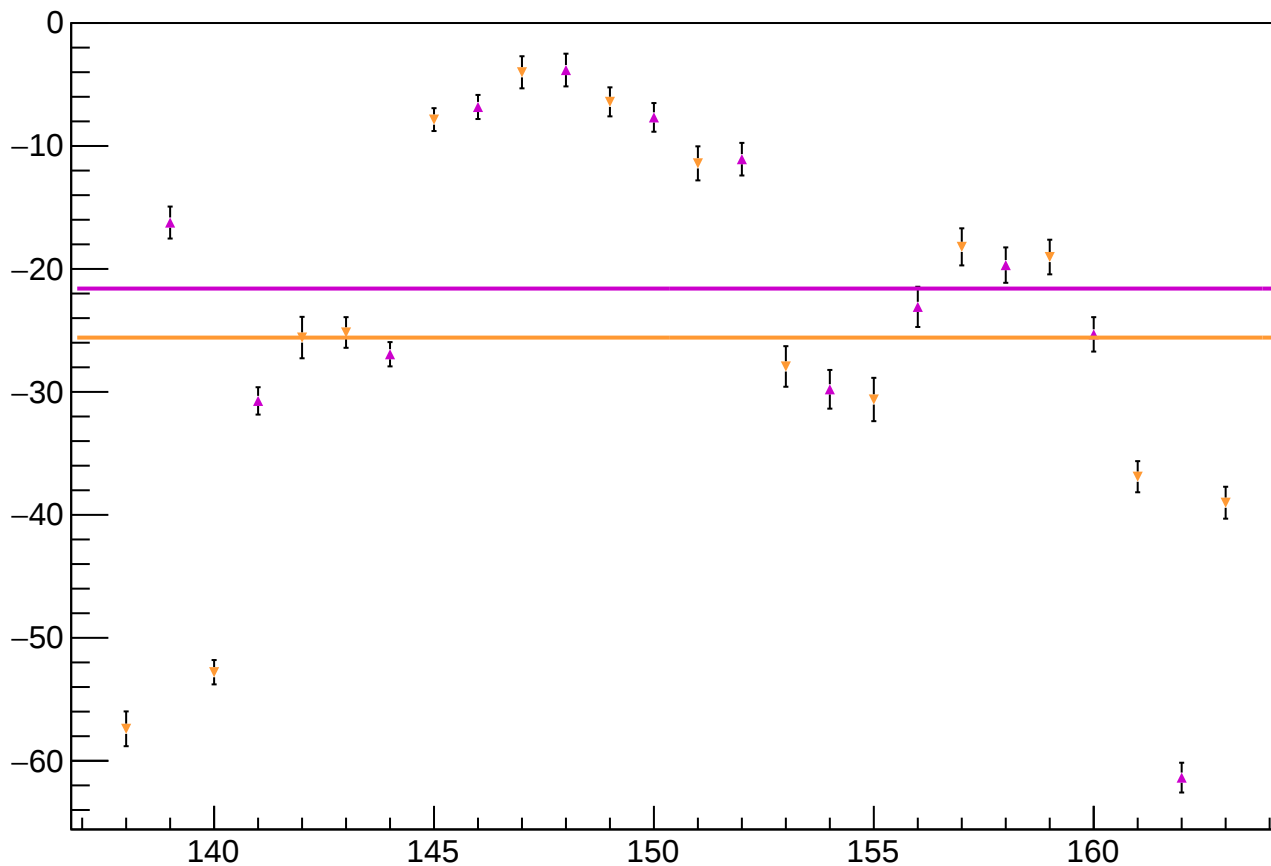
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.845 ± 0.017 χ^2/NDF : 1190.9/28

Out: 0.785 ± 0.017 χ^2/NDF : 1638.4/31

All: 0.814 ± 0.012 χ^2/NDF : 2835.8/60

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: -25.583 ± 0.346 χ^2/NDF : 2509.5/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -21.596 ± 0.358 χ^2/NDF : 1840.1/11

Left: -23.659 ± 0.249 χ^2/NDF : 4413.6/25

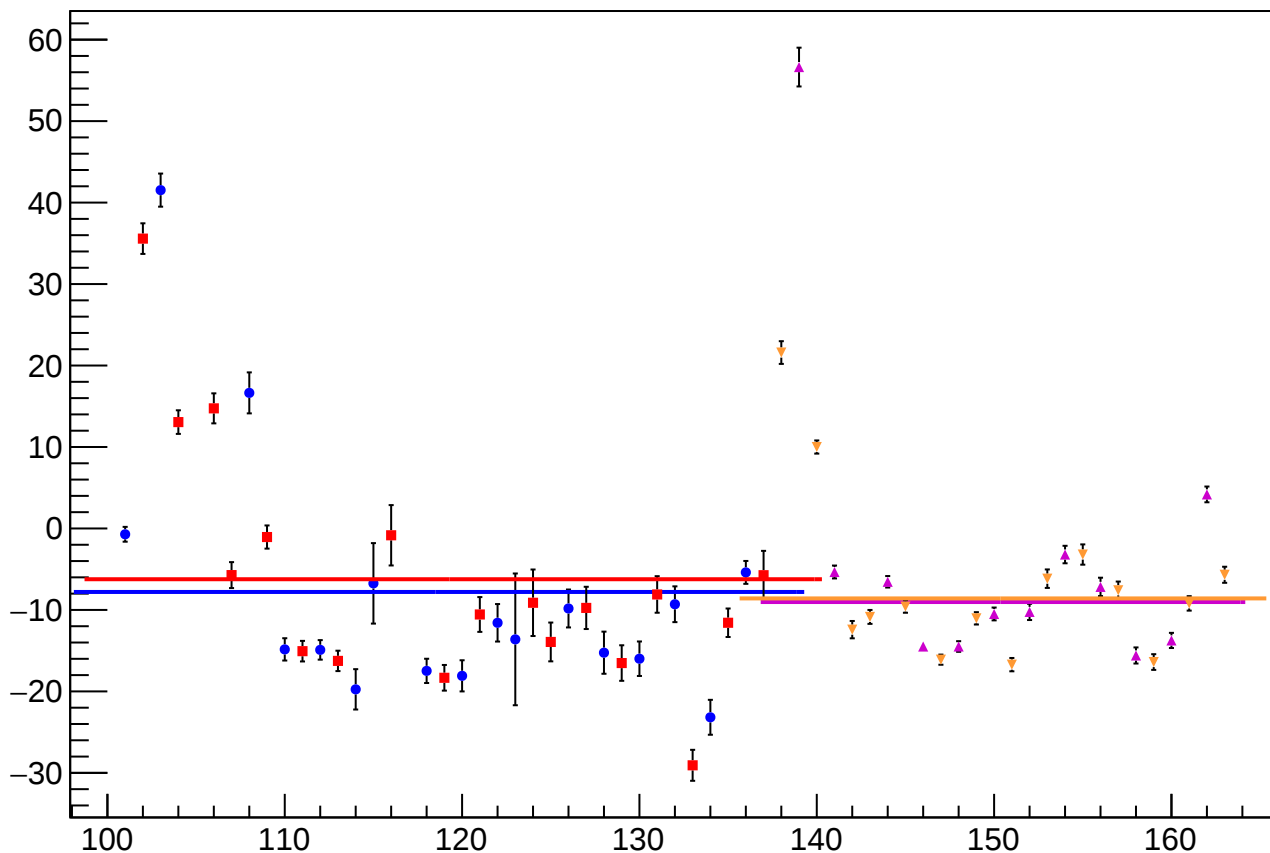
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -21.596 ± 0.358 χ^2/NDF : 1840.1/11

Out: -25.583 ± 0.346 χ^2/NDF : 2509.5/13

All: -23.659 ± 0.249 χ^2/NDF : 4413.6/25

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: -8.586 ± 0.239 χ^2/NDF : 1373.0/13

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.029 ± 0.248 χ^2/NDF : 1238.0/11

Left: -8.800 ± 0.172 χ^2/NDF : 2612.7/25

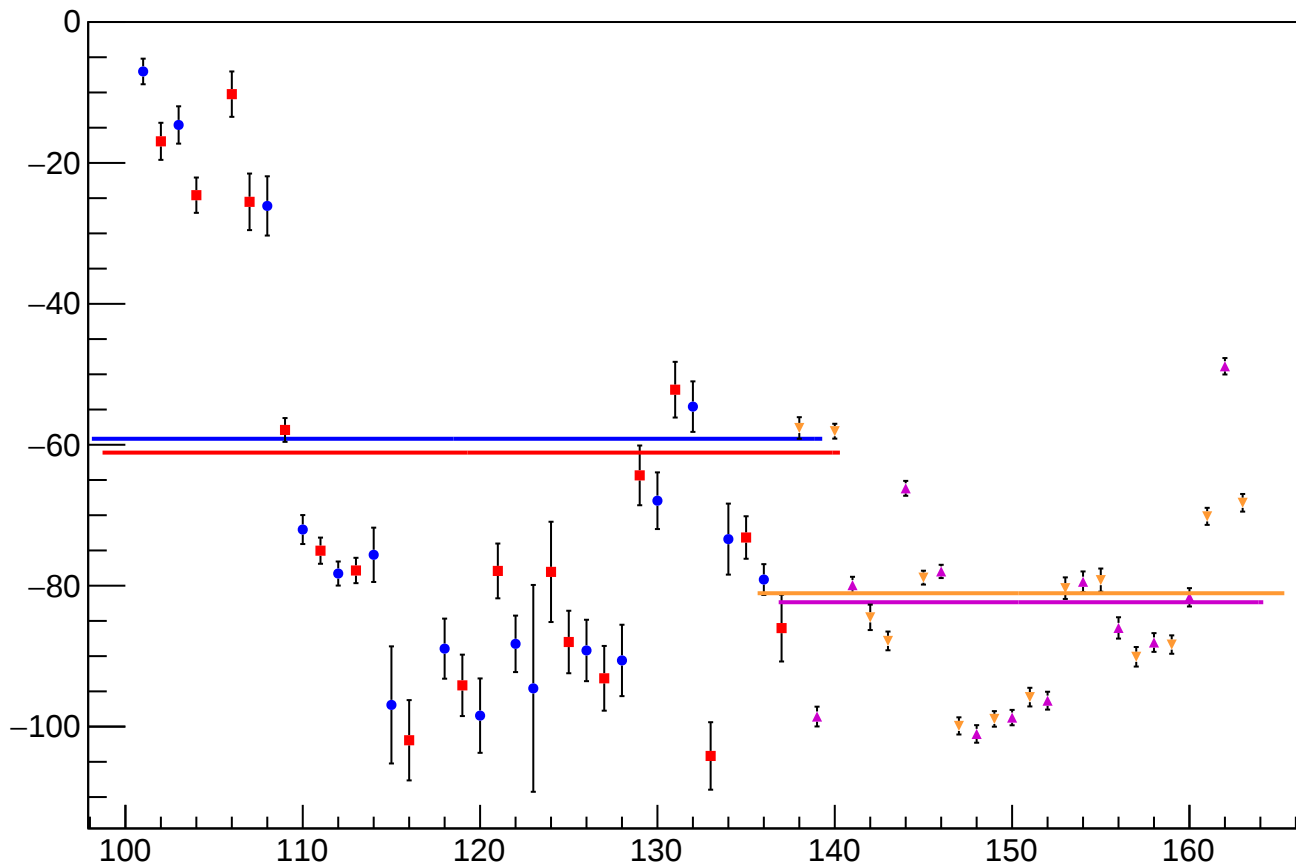
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -8.720 ± 0.214 χ^2/NDF : 2227.0/28

Out: -8.030 ± 0.209 χ^2/NDF : 2578.9/31

All: -8.366 ± 0.150 χ^2/NDF : 4811.2/60

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -81.071 ± 0.343 $\chi^2/\text{NDF}: 1629.3/13$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -82.349 ± 0.350 $\chi^2/\text{NDF}: 1817.1/11$

Left: -81.696 ± 0.245 $\chi^2/\text{NDF}: 3453.2/25$

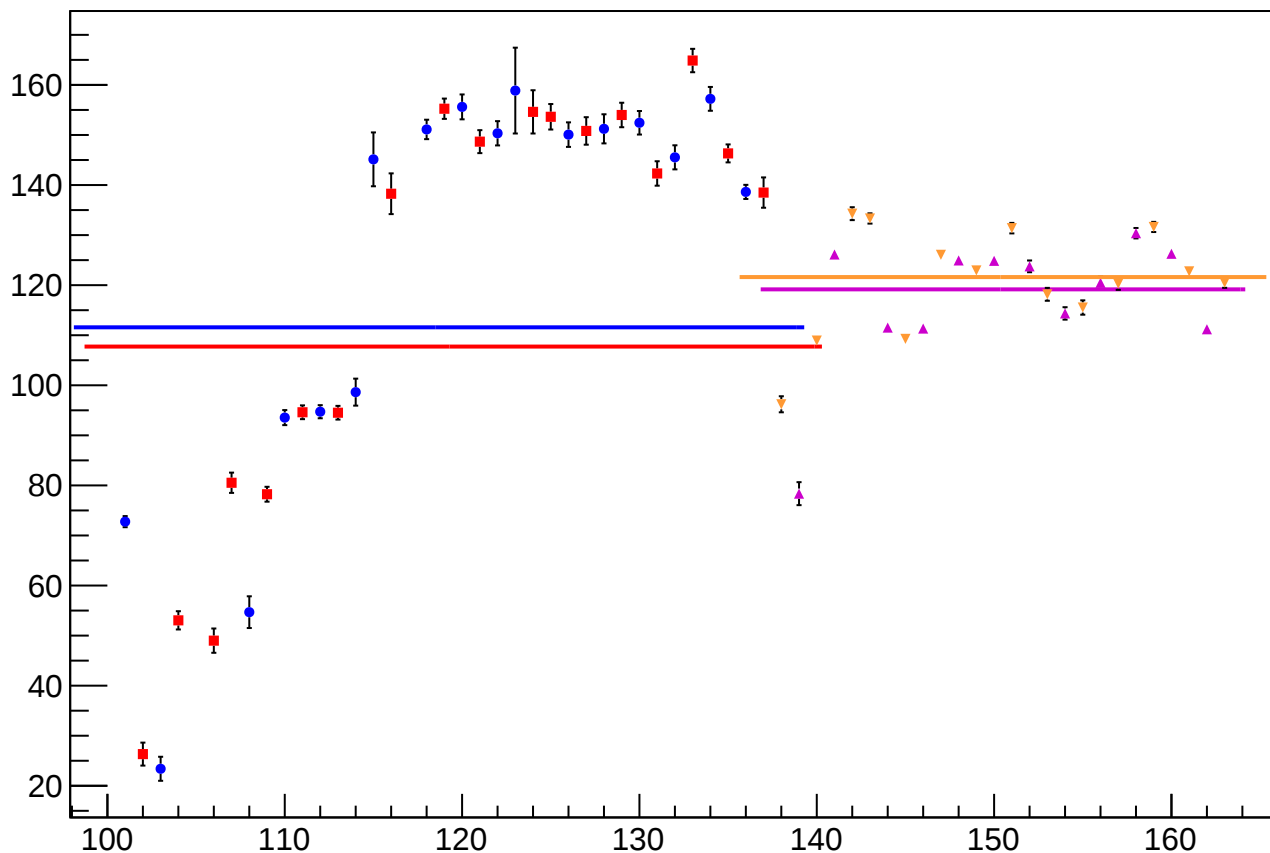
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -78.148 ± 0.317 $\chi^2/\text{NDF}: 4329.0/28$

Out: -77.282 ± 0.308 $\chi^2/\text{NDF}: 3591.4/31$

All: -77.703 ± 0.221 $\chi^2/\text{NDF}: 7924.2/60$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580+/-0.487 χ^2/NDF : 5946.0/16

Left Out: 121.618+/-0.283 χ^2/NDF :1086.6/13

Right Out: 107.735+/-0.489 χ^2/NDF : 6836.2/17

Left In: 119.161+/-0.292 χ^2/NDF :896.0/11

Left: 120.431+/-0.203 χ^2/NDF : 2019.1/25

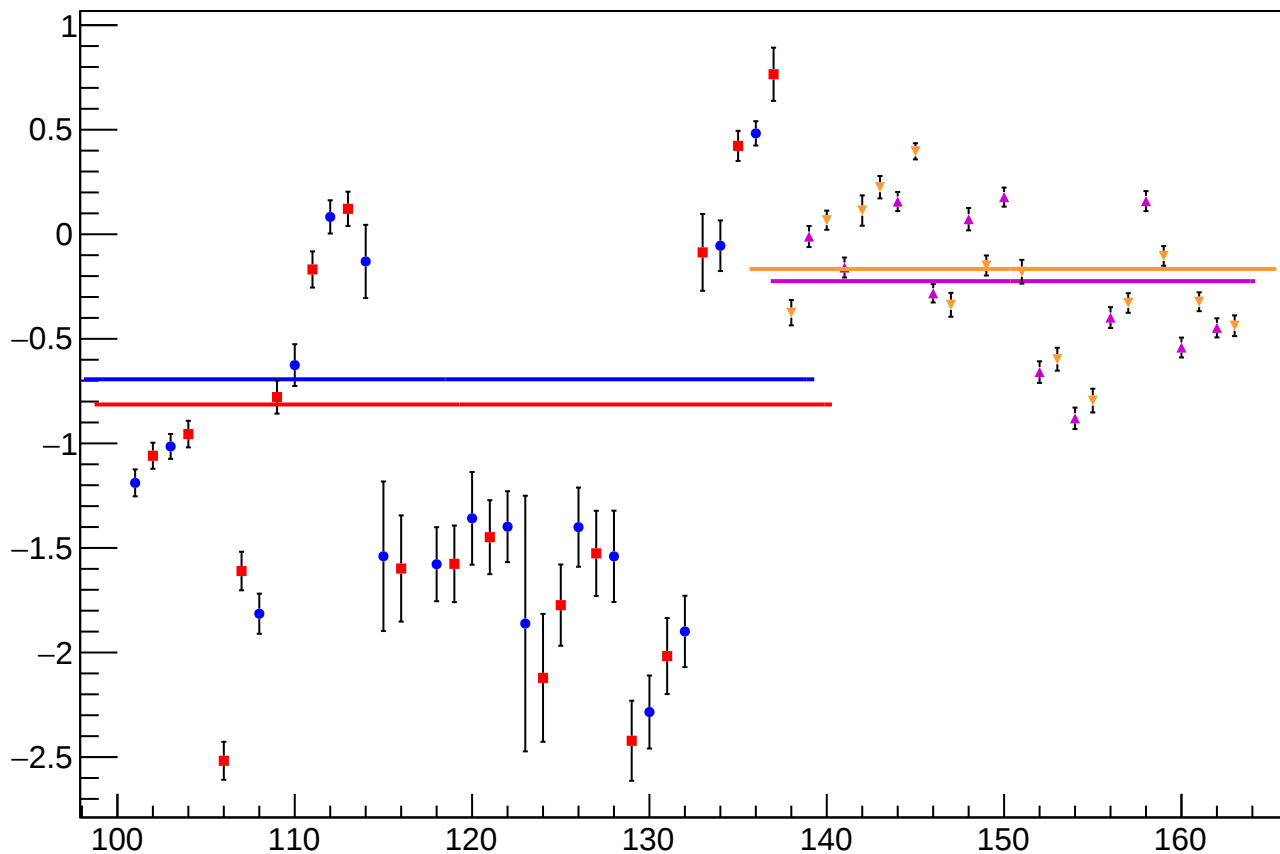
Right: 109.661+/-0.345 χ^2/NDF : 12813.2/34

In: 117.156+/-0.251 χ^2/NDF :7019.8/28

Out: 118.138+/-0.245 χ^2/NDF :8527.8/31

All: 117.659+/-0.175 χ^2/NDF : 15555.5/60

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: -0.166 ± 0.014 χ^2/NDF : 568.5/13

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.224 ± 0.014 χ^2/NDF : 578.6/11

Left: -0.194 ± 0.010 χ^2/NDF : 1156.1/25

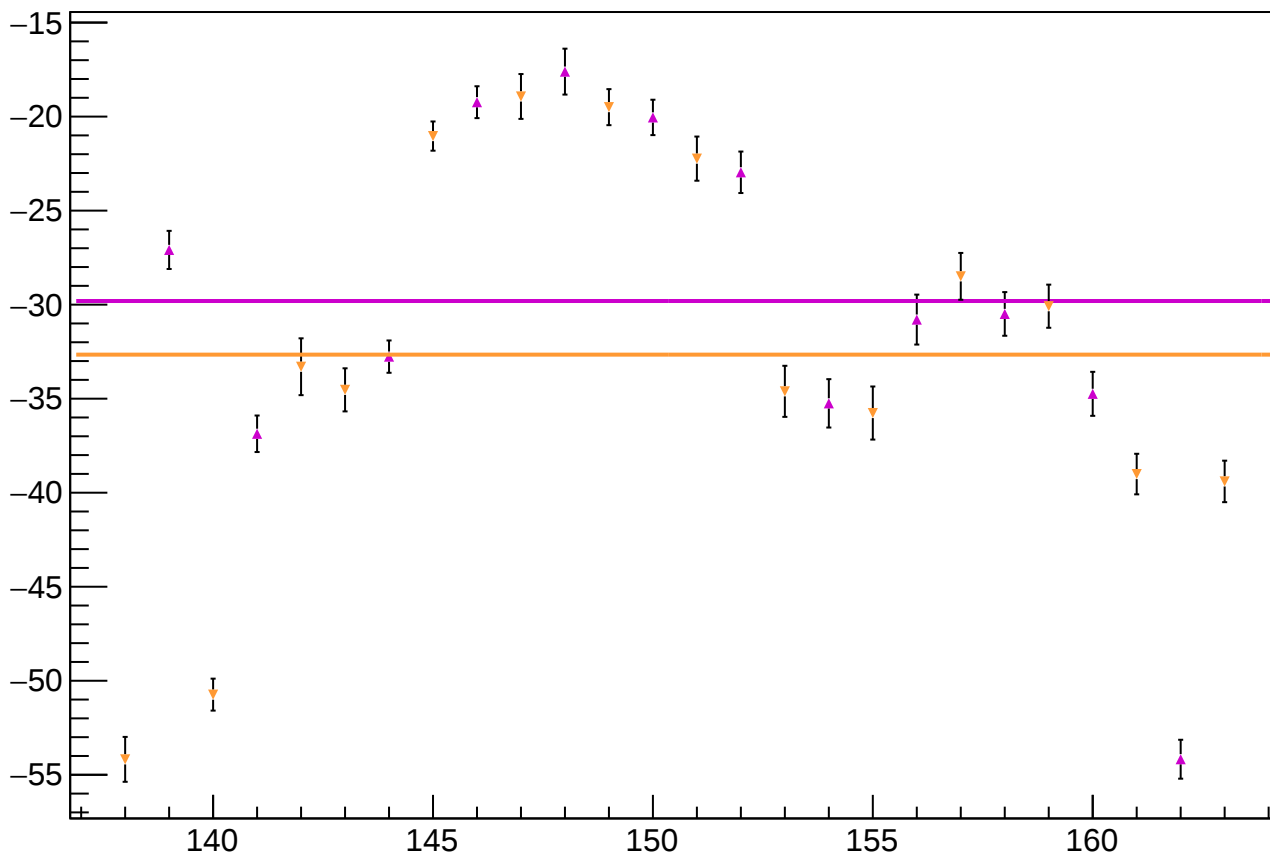
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.330 ± 0.012 χ^2/NDF : 1825.8/28

Out: -0.318 ± 0.012 χ^2/NDF : 2413.9/31

All: -0.323 ± 0.009 χ^2/NDF : 4240.2/60

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



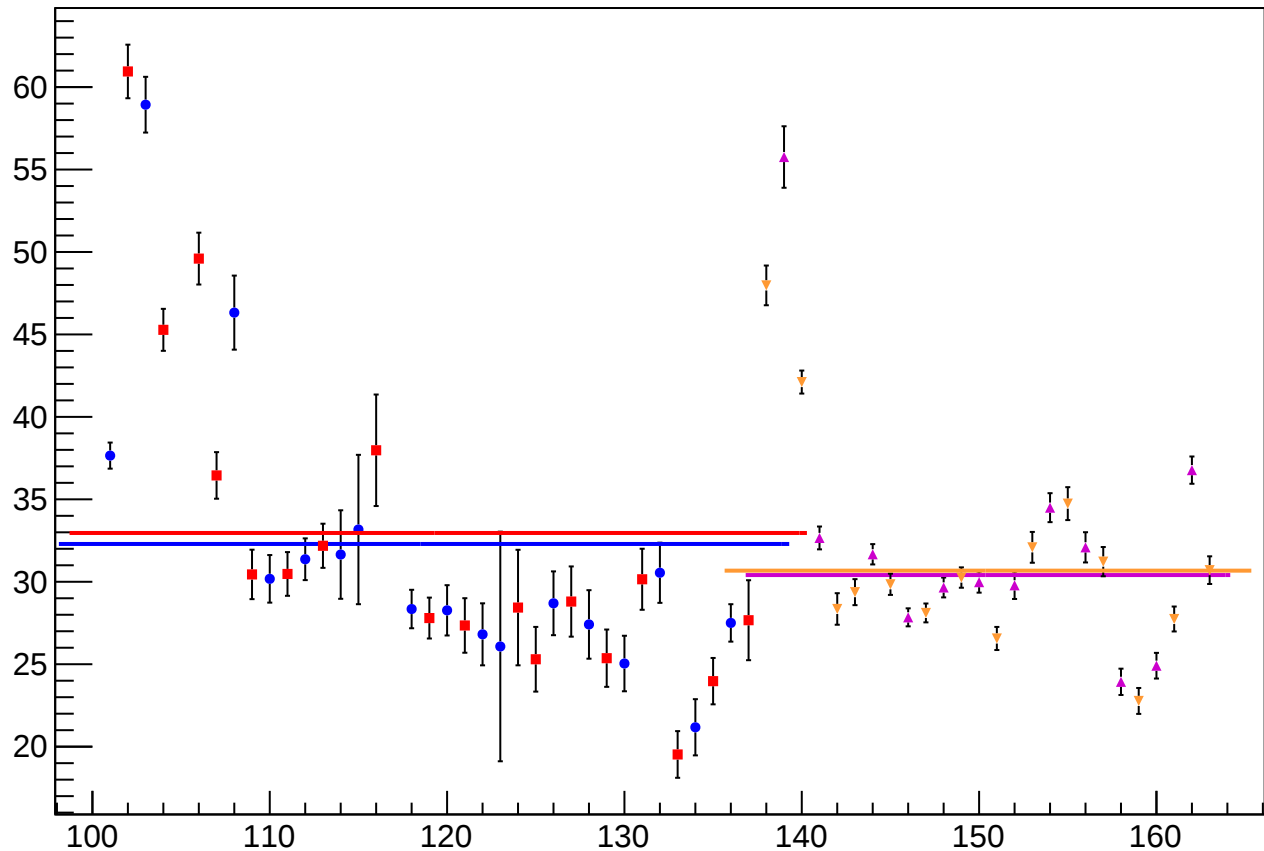
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -32.658 $\pm$ 0.294 χ^2/NDF :1499.5/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -29.806 $\pm$ 0.302 χ^2/NDF :1064.9/11

Left: -31.271 $\pm$ 0.210 χ^2/NDF : 2610.3/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -29.806 $\pm$ 0.302 χ^2/NDF :1064.9/11
 Out: -32.658 $\pm$ 0.294 χ^2/NDF :1499.5/13

All: -31.271 $\pm$ 0.210 χ^2/NDF : 2610.3/25

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: 30.675 $\pm$ 0.205 χ^2 /NDF: 675.8/13

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 30.408 $\pm$ 0.212 χ^2 /NDF: 424.1/11

Left: 30.546 $\pm$ 0.147 χ^2 /NDF: 1100.8/25

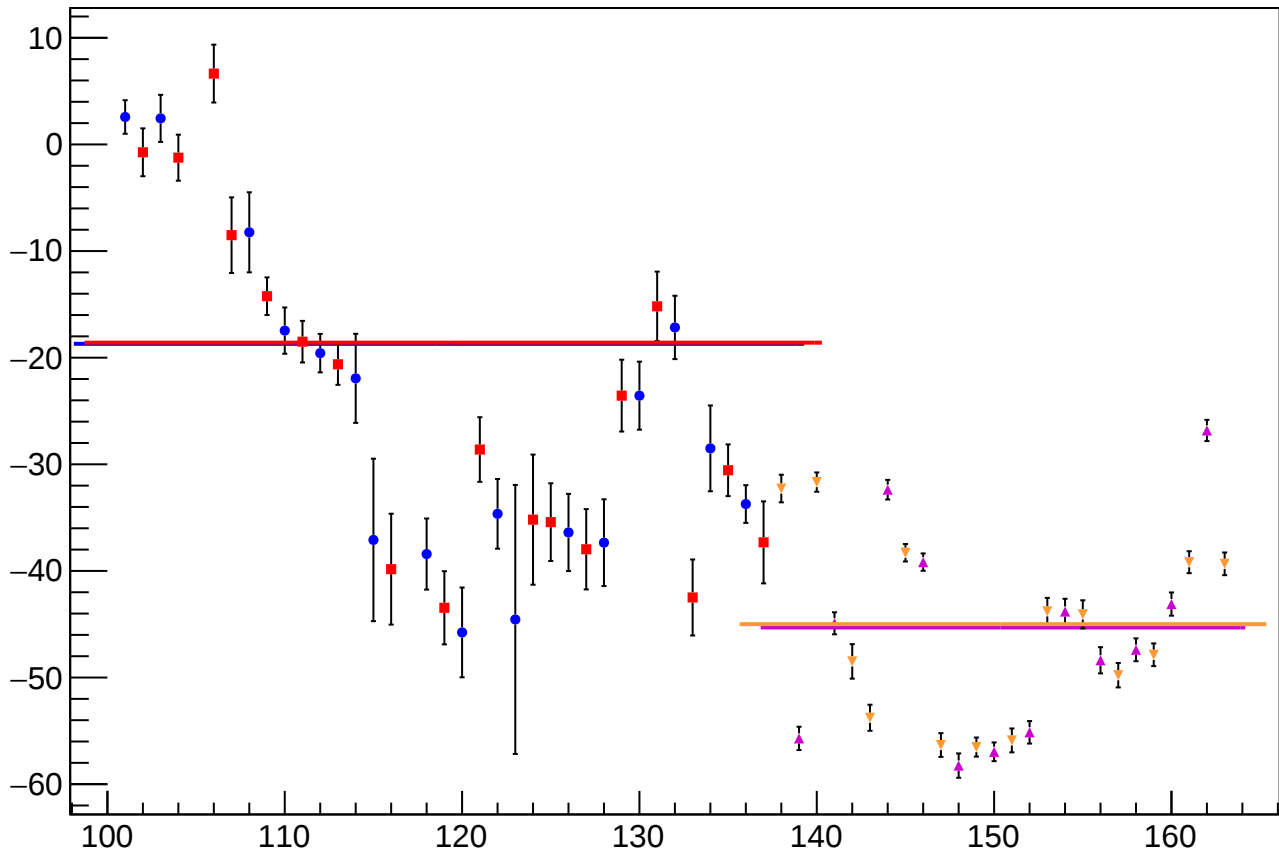
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 30.868 $\pm$ 0.184 χ^2 /NDF: 895.9/28

Out: 31.191 $\pm$ 0.180 χ^2 /NDF: 1427.9/31

All: 31.033 $\pm$ 0.129 χ^2 /NDF: 2325.4/60

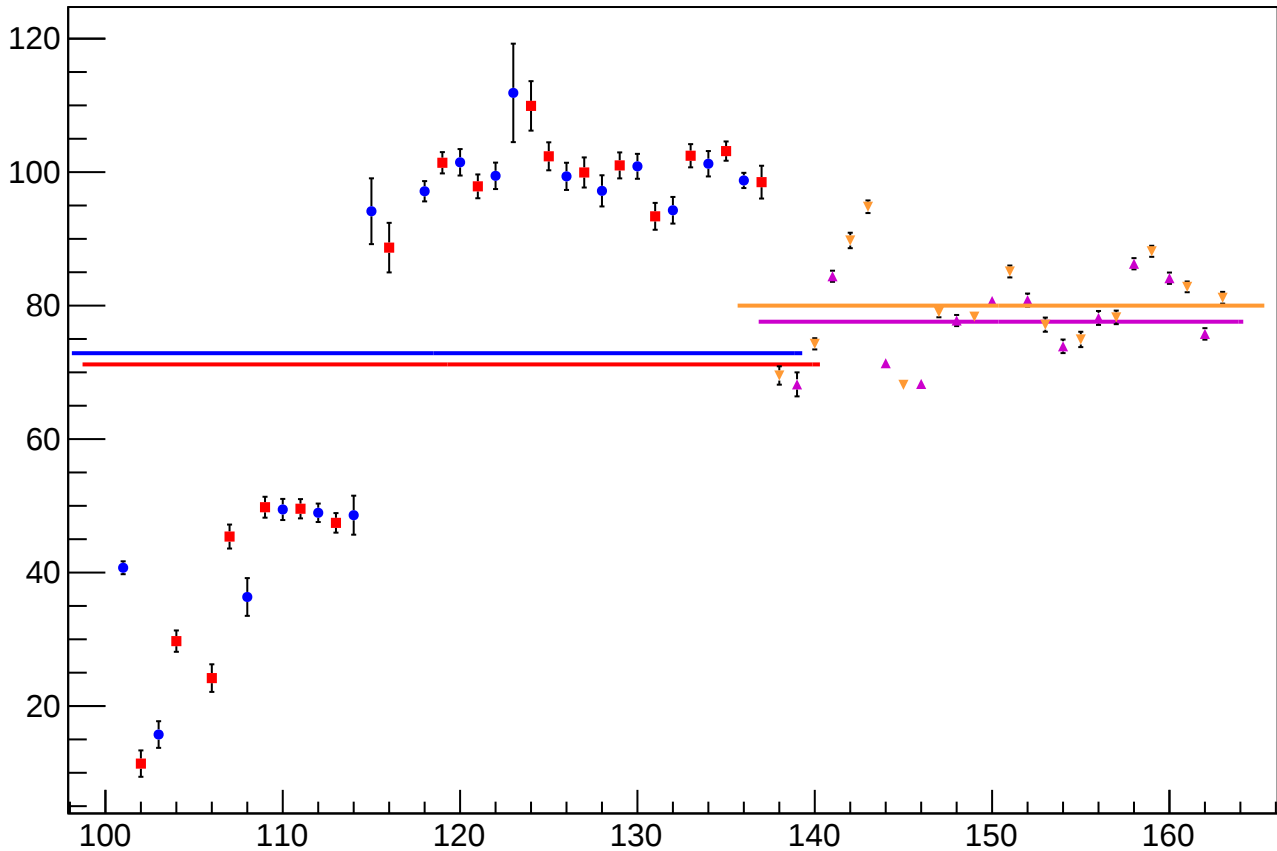
reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16
 Left Out: -44.993 ± 0.290 χ^2/NDF : 886.4/13
 Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17
 Left In: -45.303 ± 0.295 χ^2/NDF : 1094.5/11

Left: -45.145 ± 0.207 χ^2/NDF : 1981.5/25
 Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34
 In: -40.947 ± 0.270 χ^2/NDF : 2945.9/28
 Out: -40.580 ± 0.265 χ^2/NDF : 2732.3/31
 All: -40.760 ± 0.189 χ^2/NDF : 5679.1/60

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: 80.000 $\pm$ 0.241 χ^2 /NDF:857.7/13

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 77.588 $\pm$ 0.248 χ^2 /NDF:570.4/11

Left: 78.831 $\pm$ 0.173 χ^2 /NDF: 1476.7/25

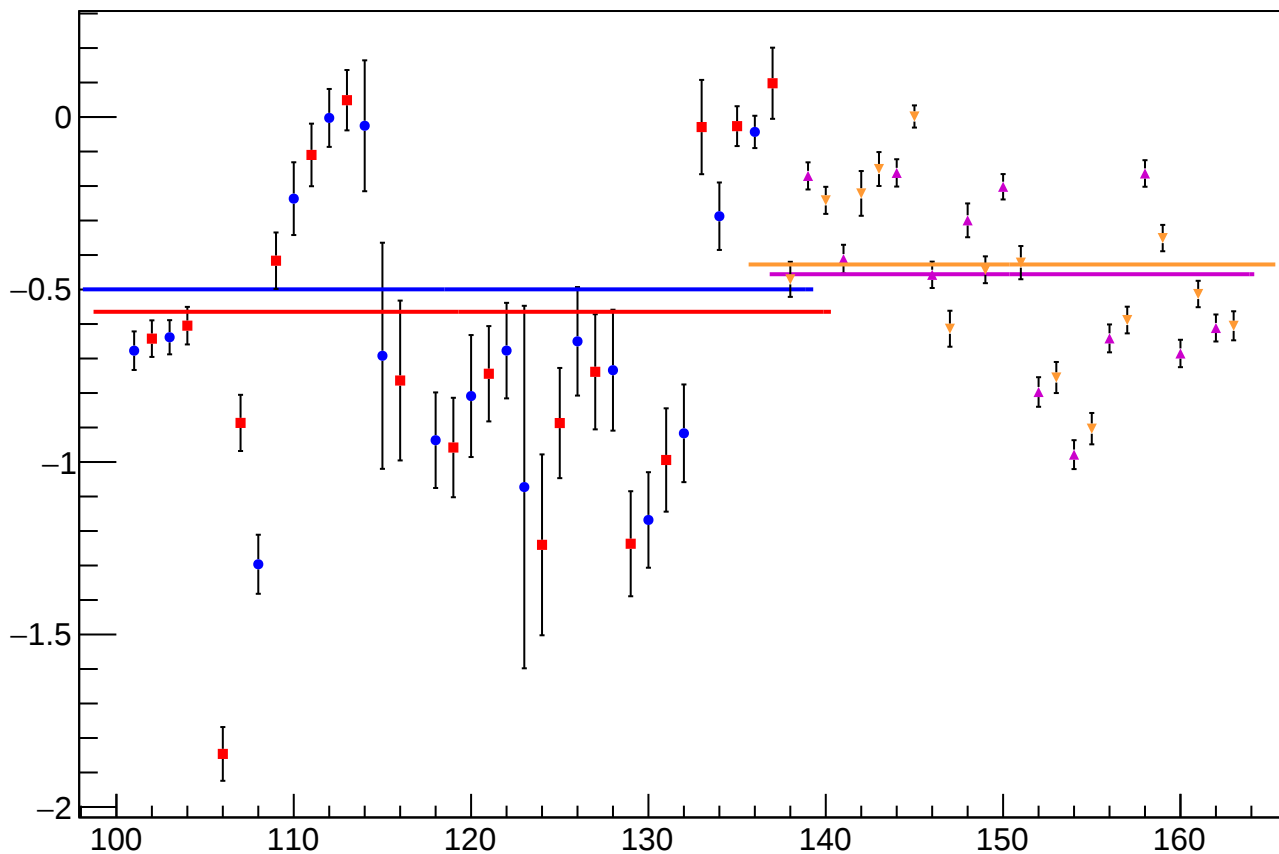
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 76.392 $\pm$ 0.215 χ^2 /NDF:5388.8/28

Out: 77.924 $\pm$ 0.211 χ^2 /NDF:6547.7/31

All: 77.173 $\pm$ 0.150 χ^2 /NDF: 11962.5/60

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: -0.427 ± 0.011 χ^2/NDF : 462.4/13

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.456 ± 0.012 χ^2/NDF : 513.3/11

Left: -0.441 ± 0.008 χ^2/NDF : 978.7/25

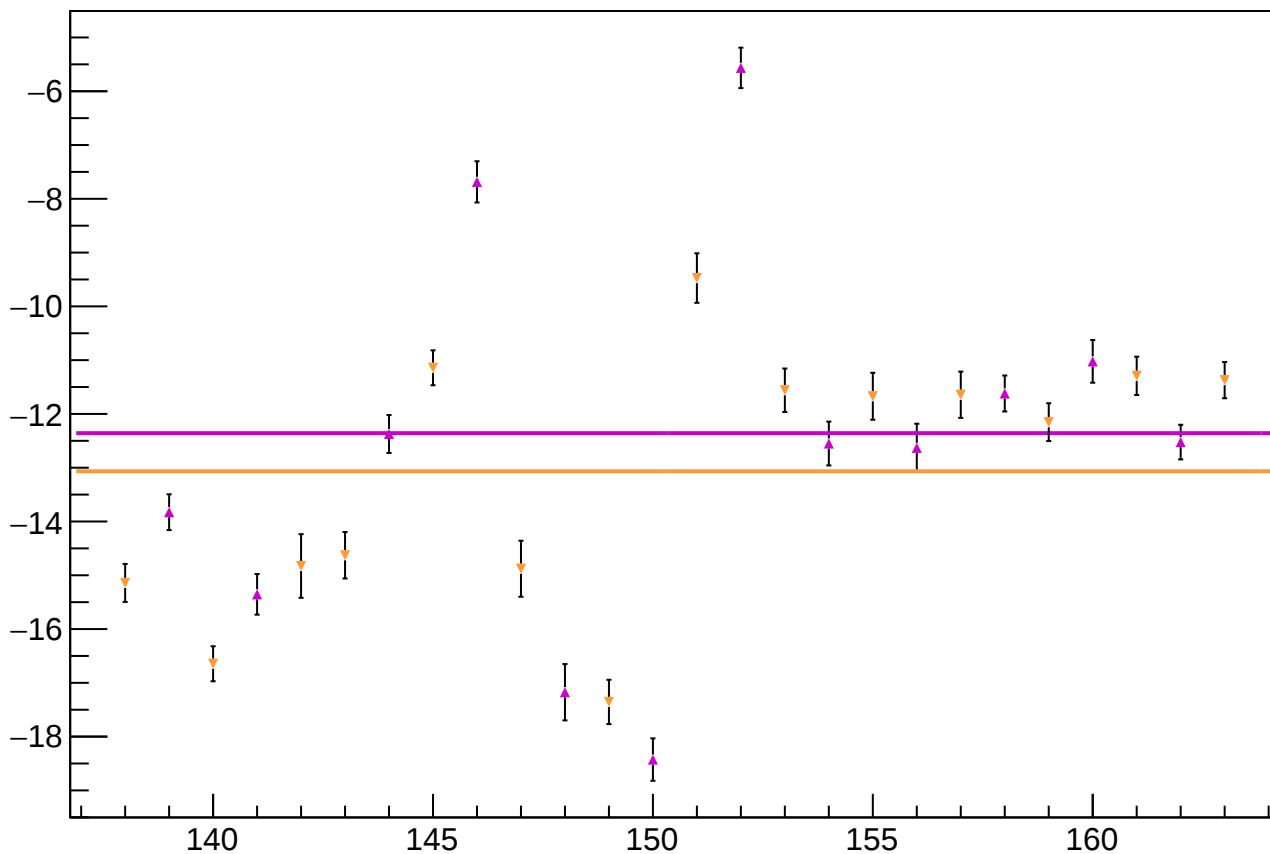
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.465 ± 0.010 χ^2/NDF : 819.0/28

Out: -0.457 ± 0.010 χ^2/NDF : 1053.4/31

All: -0.461 ± 0.007 χ^2/NDF : 1872.7/60

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



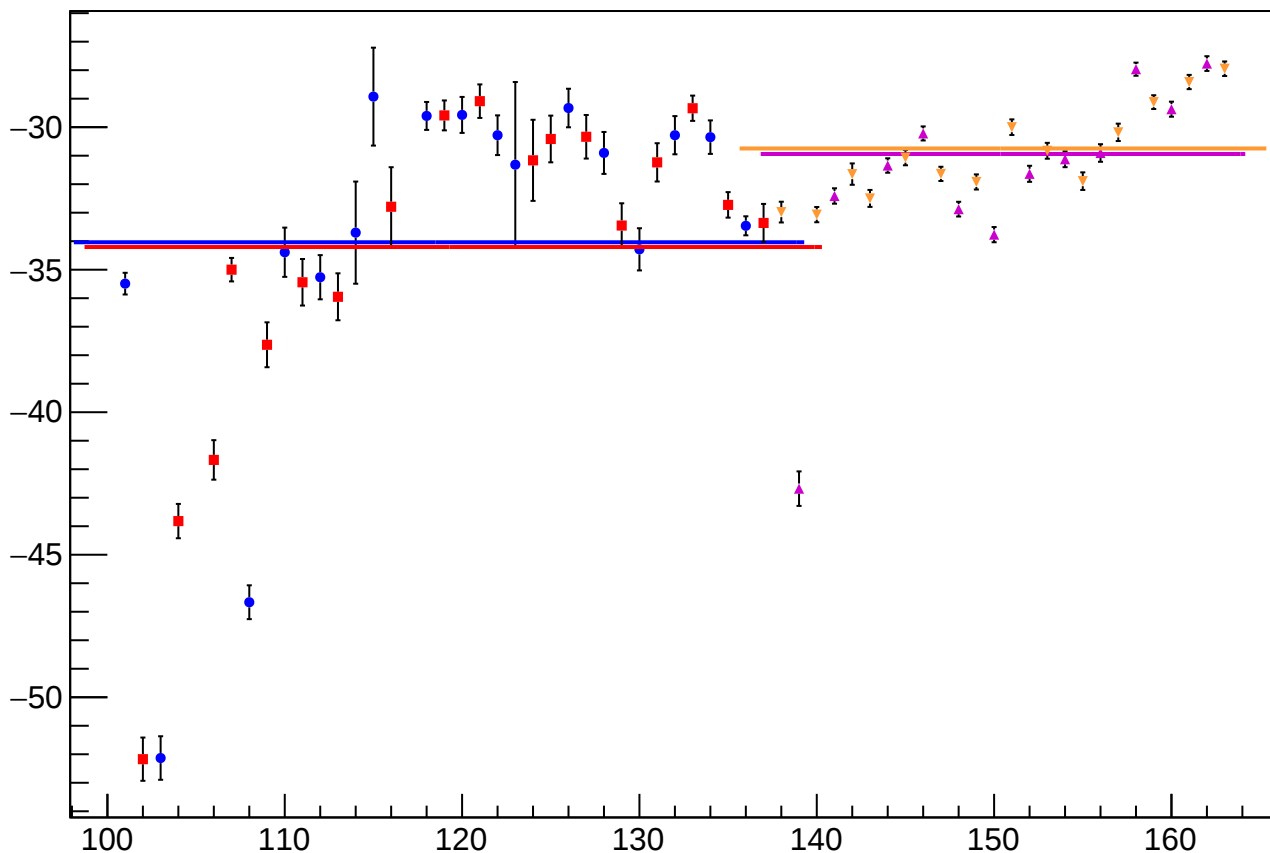
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.066+/-0.105 χ^2/NDF : 486.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.358+/-0.109 χ^2/NDF : 896.6/11

Left: -12.726+/-0.076 χ^2/NDF : 1404.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.358+/-0.109 χ^2/NDF : 896.6/11
 Out: -13.066+/-0.105 χ^2/NDF : 486.0/13

All: -12.726+/-0.076 χ^2/NDF : 1404.5/25

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -30.747 ± 0.075 $\chi^2/\text{NDF}: 463.4/13$

Right Out: -34.205 ± 0.151 $\chi^2/\text{NDF}: 1320.7/17$

Left In: -30.941 ± 0.079 $\chi^2/\text{NDF}: 944.9/11$

Left: -30.839 ± 0.054 $\chi^2/\text{NDF}: 1411.5/25$

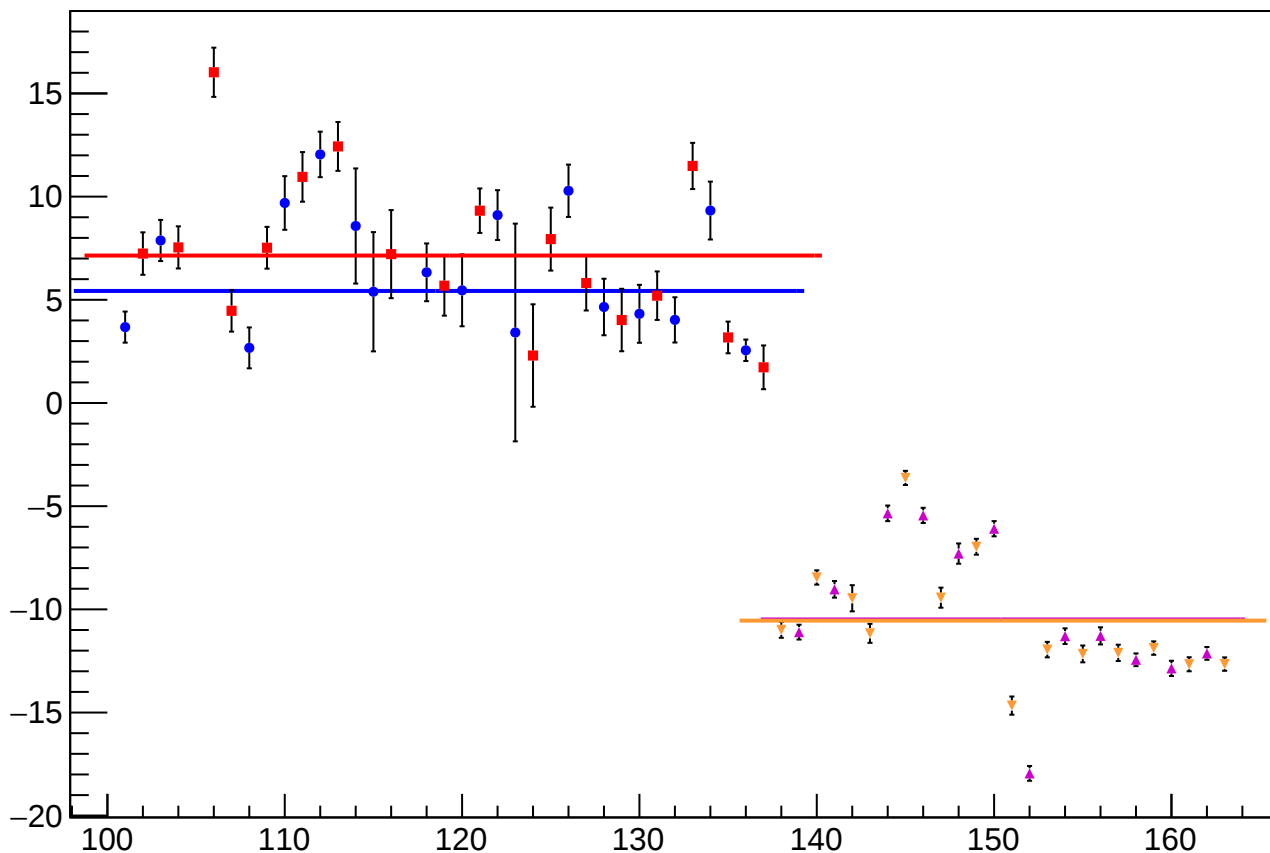
Right: -34.121 ± 0.107 $\chi^2/\text{NDF}: 2664.3/34$

In: -31.603 ± 0.070 $\chi^2/\text{NDF}: 2619.1/28$

Out: -31.427 ± 0.067 $\chi^2/\text{NDF}: 2206.5/31$

All: -31.511 ± 0.048 $\chi^2/\text{NDF}: 4828.9/60$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.545 ± 0.103 $\chi^2/\text{NDF}: 770.6/13$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.489 ± 0.106 $\chi^2/\text{NDF}: 1122.7/11$

Left: -10.518 ± 0.074 $\chi^2/\text{NDF}: 1893.4/25$

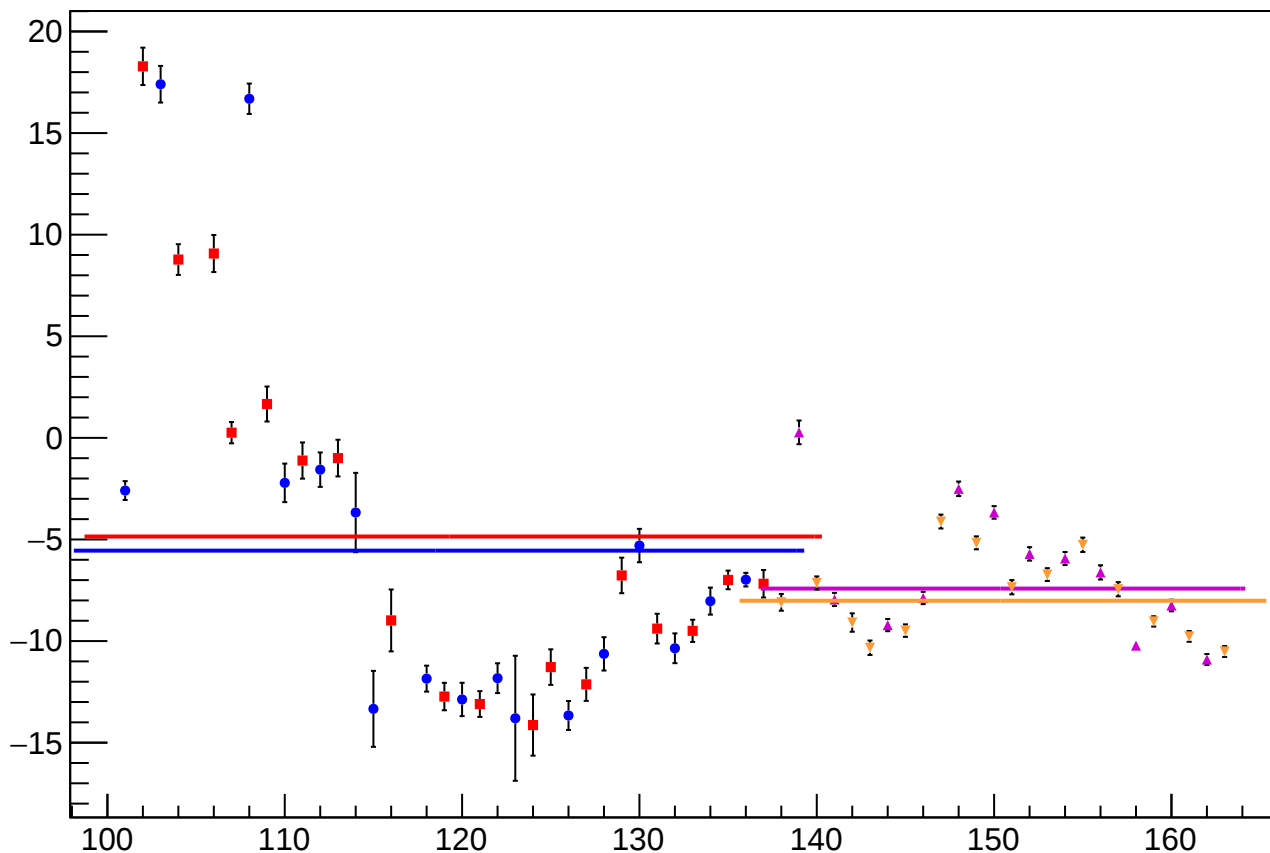
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -8.354 ± 0.099 $\chi^2/\text{NDF}: 4267.4/28$

Out: -8.363 ± 0.097 $\chi^2/\text{NDF}: 4577.6/31$

All: -8.358 ± 0.069 $\chi^2/\text{NDF}: 8844.9/60$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -8.015 ± 0.086 $\chi^2/\text{NDF}: 515.4/13$

Right Out: -4.854 ± 0.173 $\chi^2/\text{NDF}: 2013.1/17$

Left In: -7.417 ± 0.090 $\chi^2/\text{NDF}: 913.5/11$

Left: -7.730 ± 0.062 $\chi^2/\text{NDF}: 1451.8/25$

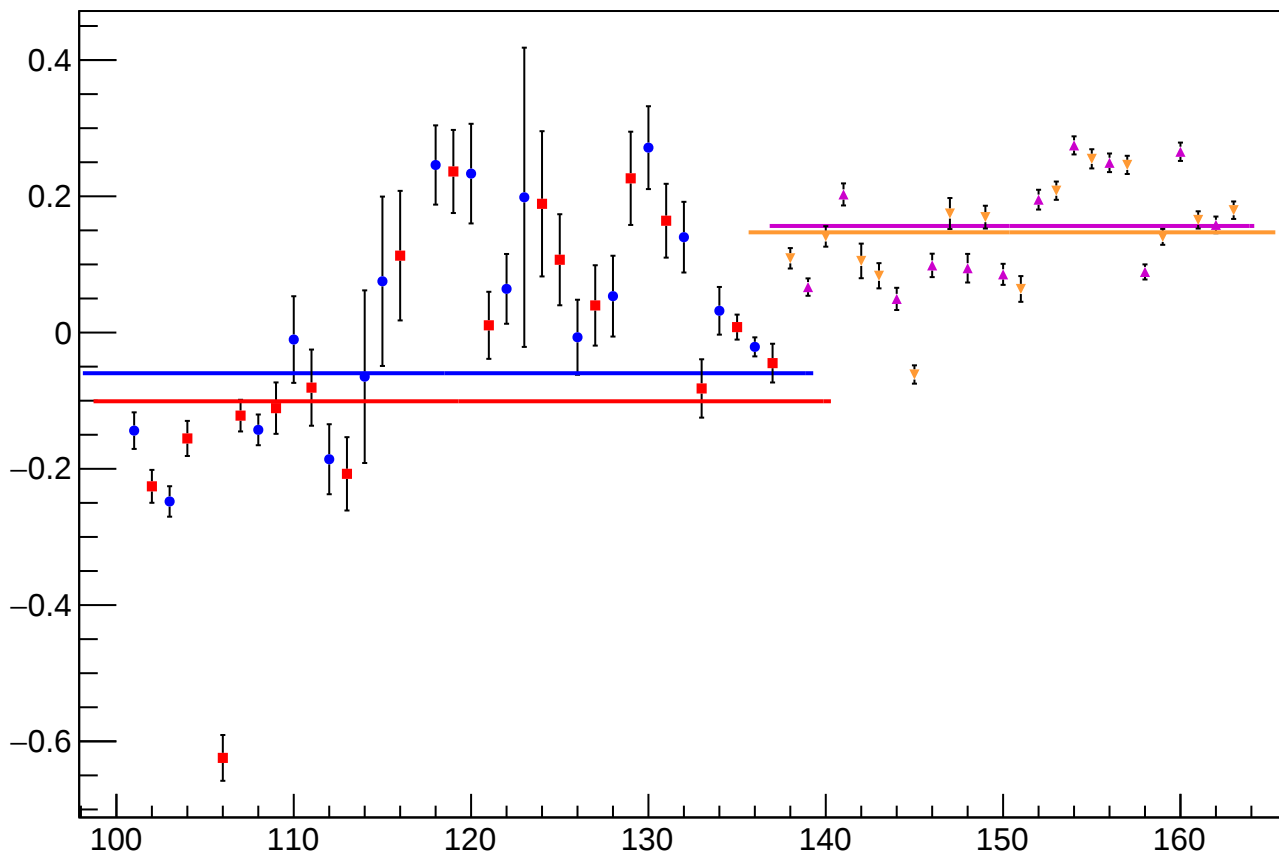
Right: -5.208 ± 0.121 $\chi^2/\text{NDF}: 4147.9/34$

In: -7.006 ± 0.080 $\chi^2/\text{NDF}: 3134.1/28$

Out: -7.385 ± 0.077 $\chi^2/\text{NDF}: 2796.3/31$

All: -7.202 ± 0.055 $\chi^2/\text{NDF}: 5942.0/60$

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: 0.147 ± 0.004 χ^2/NDF : 427.8/13

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/11

Left: 0.152 ± 0.003 χ^2/NDF : 807.5/25

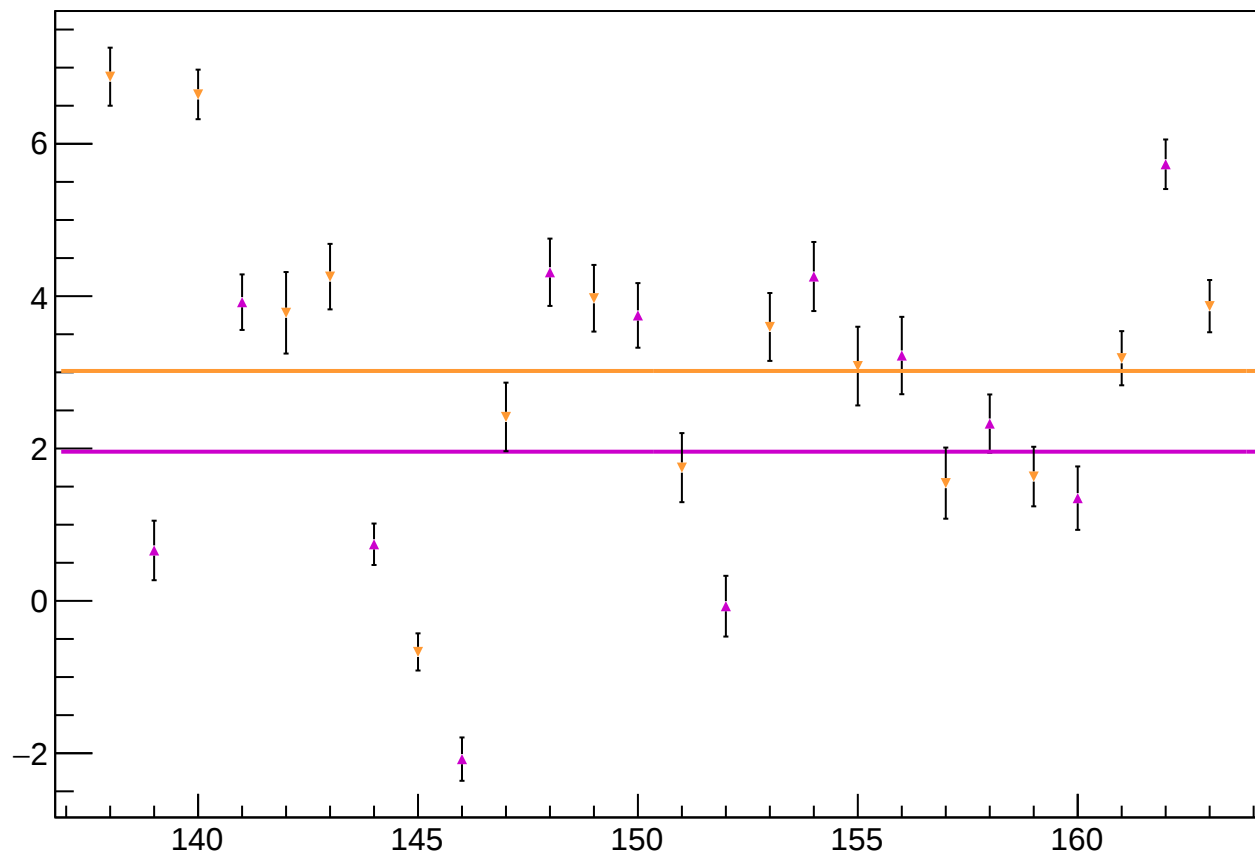
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.115 ± 0.004 χ^2/NDF : 1129.2/28

Out: 0.102 ± 0.004 χ^2/NDF : 1561.9/31

All: 0.108 ± 0.003 χ^2/NDF : 2697.4/60

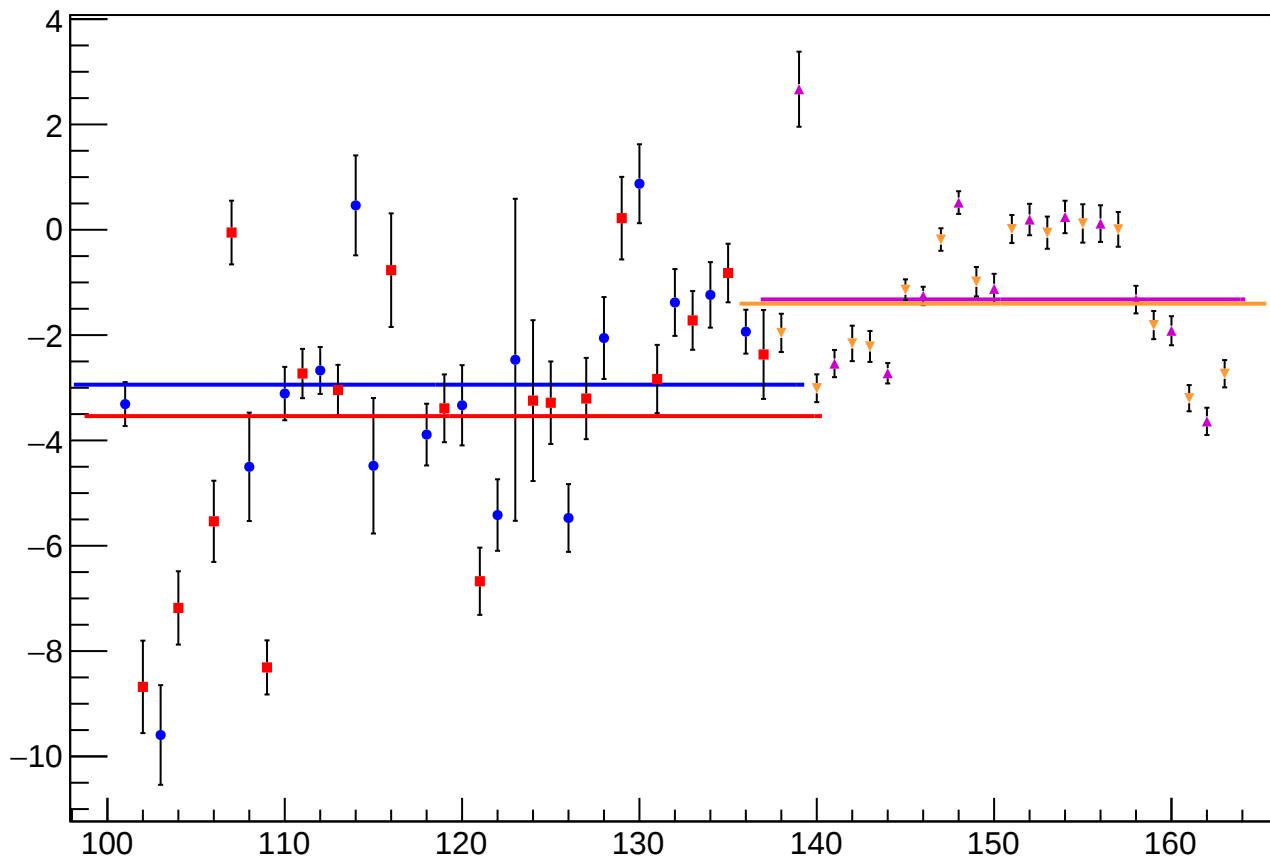
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.018 ± 0.103 $\chi^2/\text{NDF}: 511.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 1.958 ± 0.107 $\chi^2/\text{NDF}: 502.8/11$

Left: 2.505 ± 0.074 $\chi^2/\text{NDF}: 1064.9/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 1.958 ± 0.107 $\chi^2/\text{NDF}: 502.8/11$
 Out: 3.018 ± 0.103 $\chi^2/\text{NDF}: 511.4/13$
 All: 2.505 ± 0.074 $\chi^2/\text{NDF}: 1064.9/25$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.403 ± 0.073 χ^2/NDF : 252.6/13

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.322 ± 0.074 χ^2/NDF : 332.3/11

Left: -1.364 ± 0.052 χ^2/NDF : 585.5/25

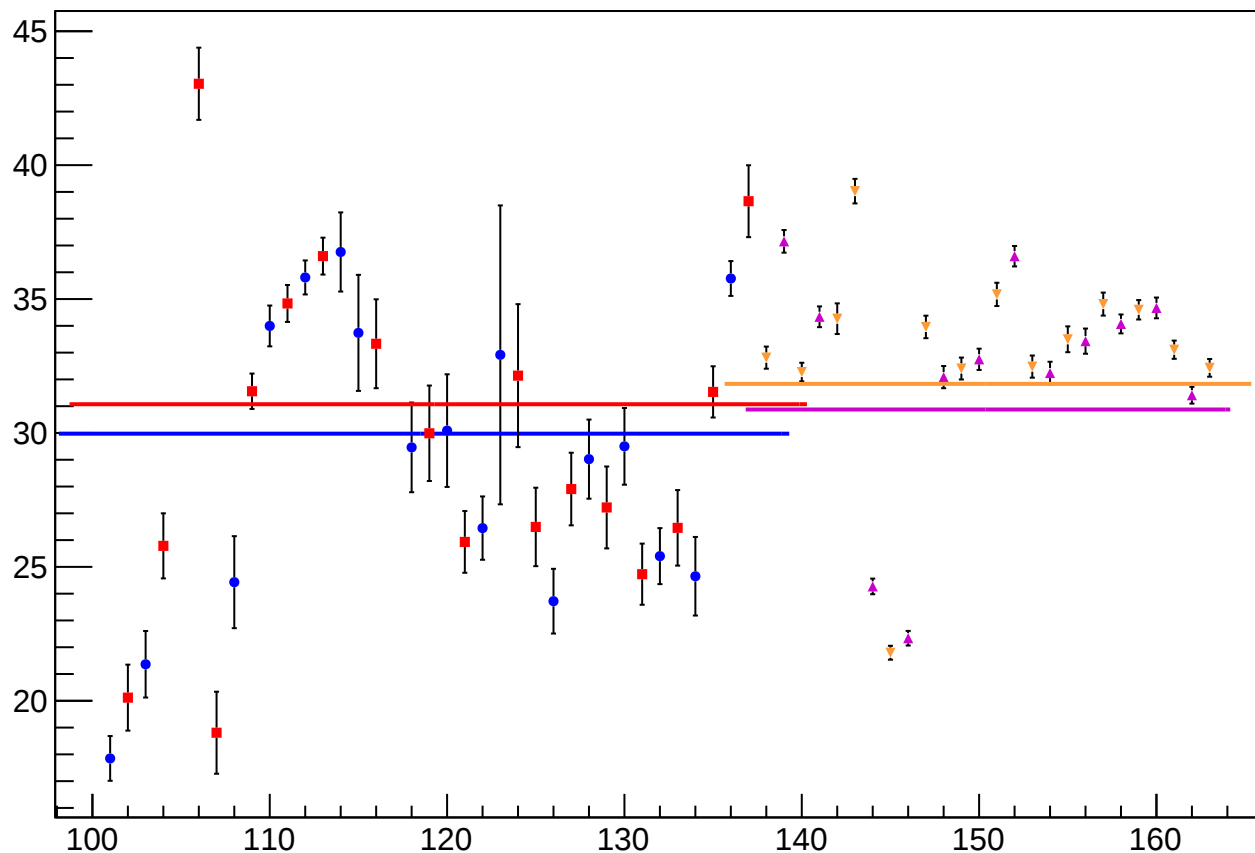
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.625 ± 0.067 χ^2/NDF : 567.5/28

Out: -1.789 ± 0.066 χ^2/NDF : 692.3/31

All: -1.708 ± 0.047 χ^2/NDF : 1262.9/60

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 31.833 ± 0.103 $\chi^2/\text{NDF}: 1990.8/13$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 30.876 ± 0.105 $\chi^2/\text{NDF}: 2268.6/11$

Left: 31.363 ± 0.073 $\chi^2/\text{NDF}: 4302.0/25$

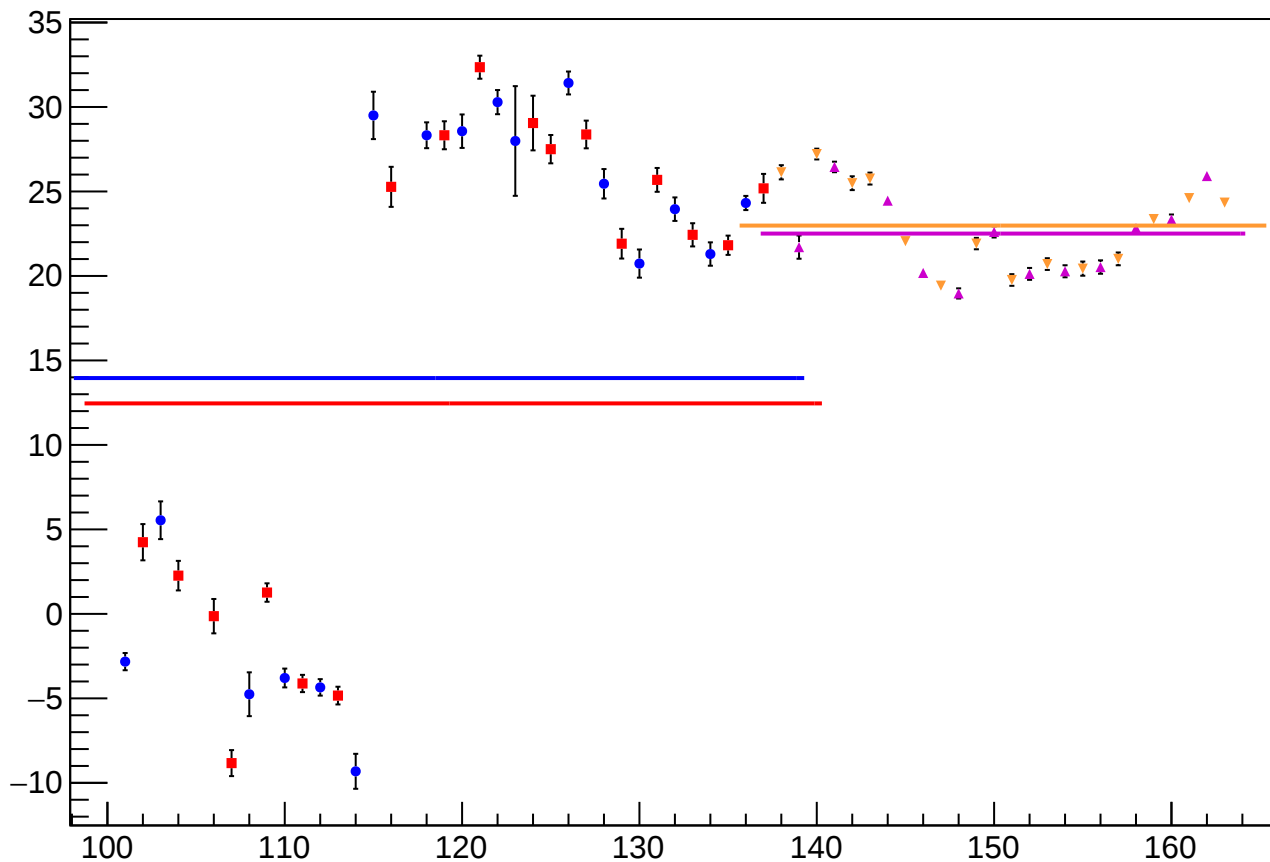
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 30.757 ± 0.097 $\chi^2/\text{NDF}: 2832.4/28$

Out: 31.731 ± 0.096 $\chi^2/\text{NDF}: 2451.5/31$

All: 31.253 ± 0.068 $\chi^2/\text{NDF}: 5334.9/60$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.981 $\pm$ 0.085 χ^2 /NDF: 761.5/13

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.508 $\pm$ 0.087 χ^2 /NDF: 761.6/11

Left: 22.750 $\pm$ 0.061 χ^2 /NDF: 1538.2/25

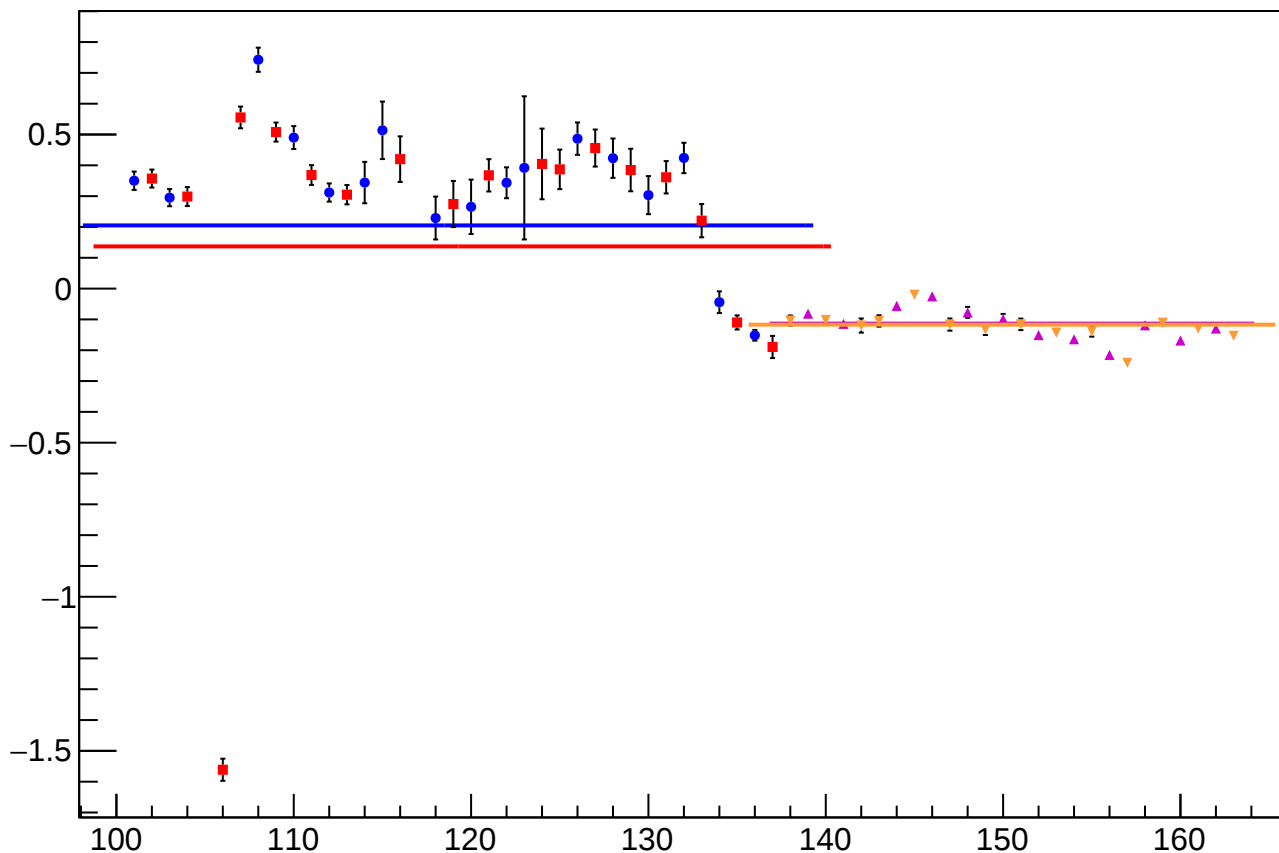
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 20.772 $\pm$ 0.078 χ^2 /NDF: 10073.0/28

Out: 20.952 $\pm$ 0.076 χ^2 /NDF: 10703.2/31

All: 20.863 $\pm$ 0.054 χ^2 /NDF: 20779.0/60

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: -0.117 ± 0.004 $\chi^2/\text{NDF}: 180.7/13$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.114 ± 0.004 $\chi^2/\text{NDF}: 156.9/11$

Left: -0.115 ± 0.003 $\chi^2/\text{NDF}: 337.9/25$

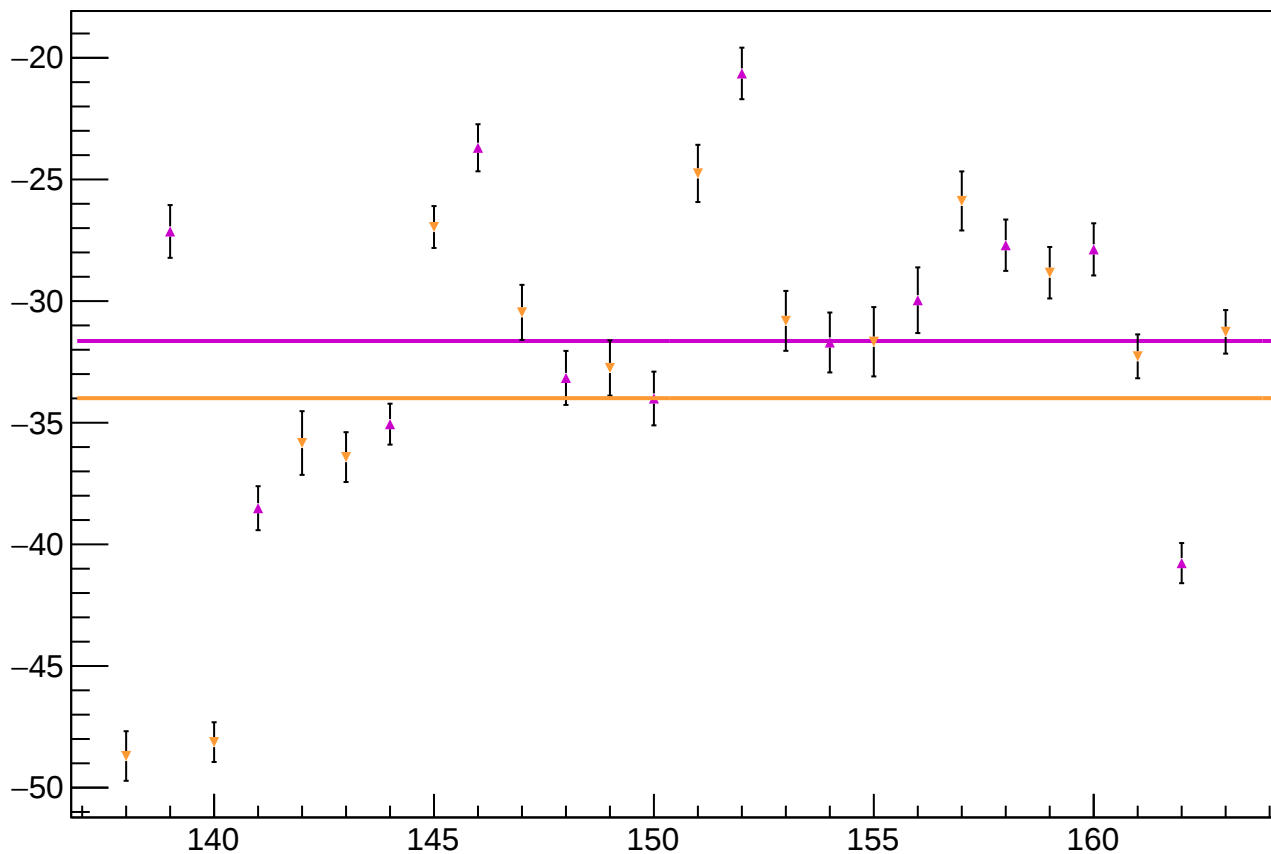
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.062 ± 0.004 $\chi^2/\text{NDF}: 1971.6/28$

Out: -0.077 ± 0.004 $\chi^2/\text{NDF}: 3826.9/31$

All: -0.069 ± 0.003 $\chi^2/\text{NDF}: 5806.4/60$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



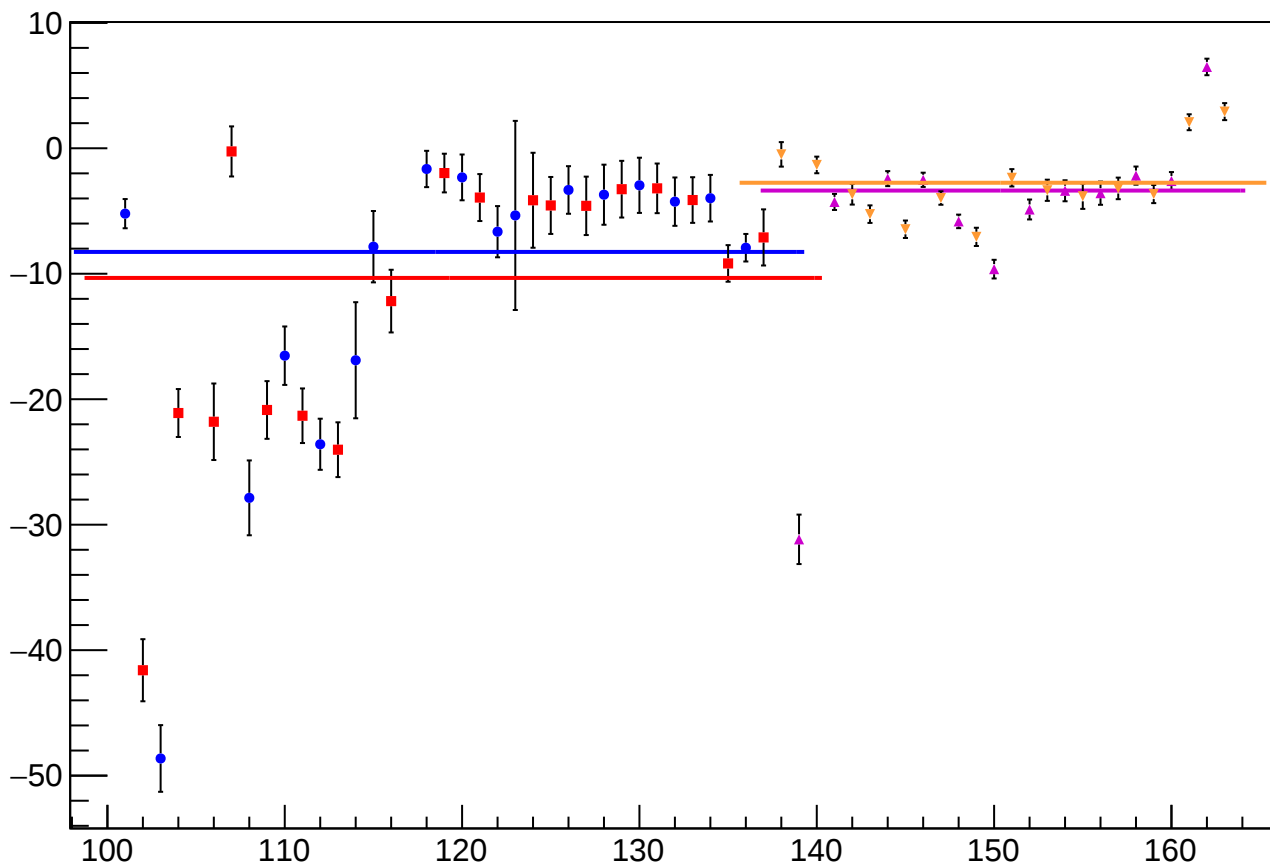
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.990+/-0.279 χ^2/NDF : 745.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.640+/-0.295 χ^2/NDF : 423.5/11

Left: -32.879+/-0.203 χ^2/NDF : 1202.6/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.640+/-0.295 χ^2/NDF : 423.5/11
 Out: -33.990+/-0.279 χ^2/NDF : 745.6/13

All: -32.879+/-0.203 χ^2/NDF : 1202.6/25

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: -2.748 ± 0.194 χ^2/NDF : 224.3/13

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -3.371 ± 0.203 χ^2/NDF : 528.5/11

Left: -3.044 ± 0.140 χ^2/NDF : 757.8/25

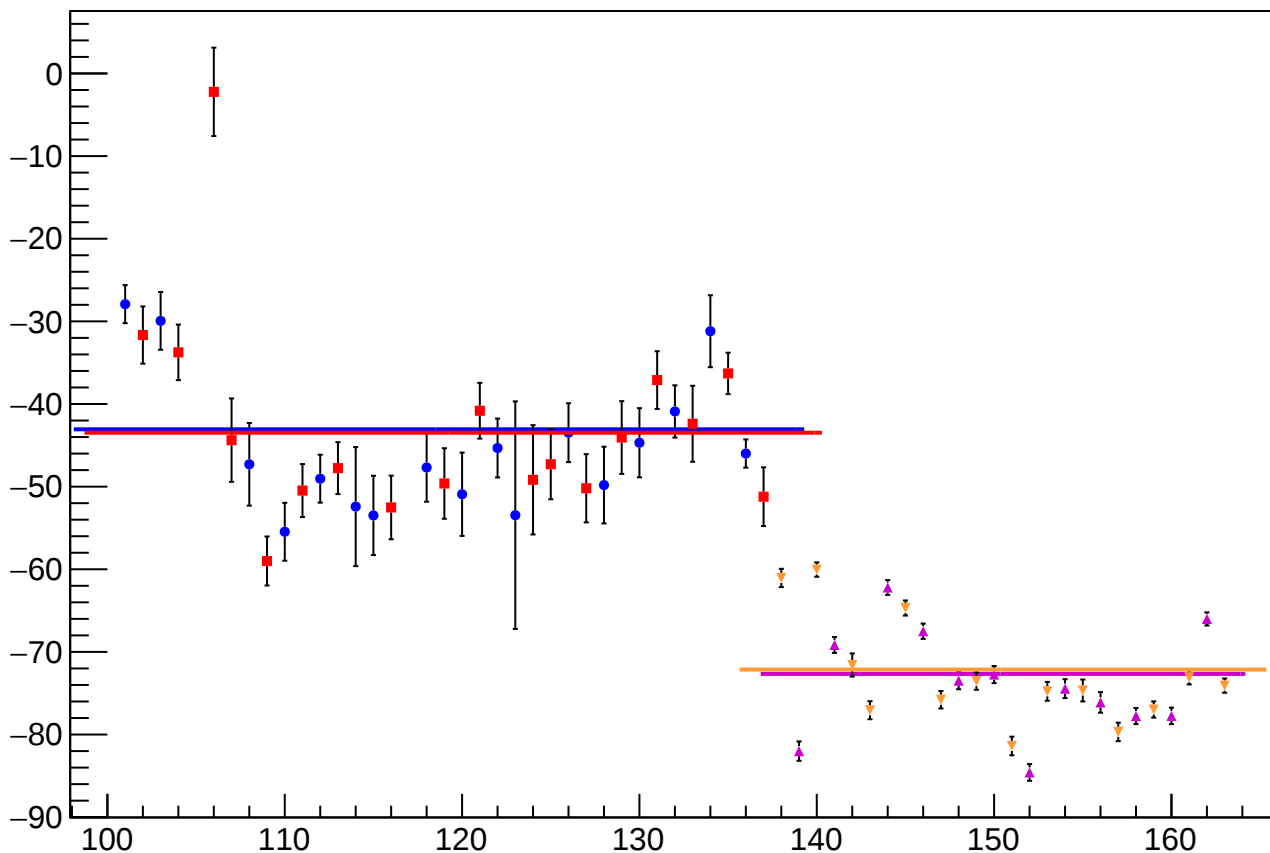
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -4.162 ± 0.186 χ^2/NDF : 1034.1/28

Out: -3.768 ± 0.180 χ^2/NDF : 841.7/31

All: -3.959 ± 0.129 χ^2/NDF : 1878.1/60

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



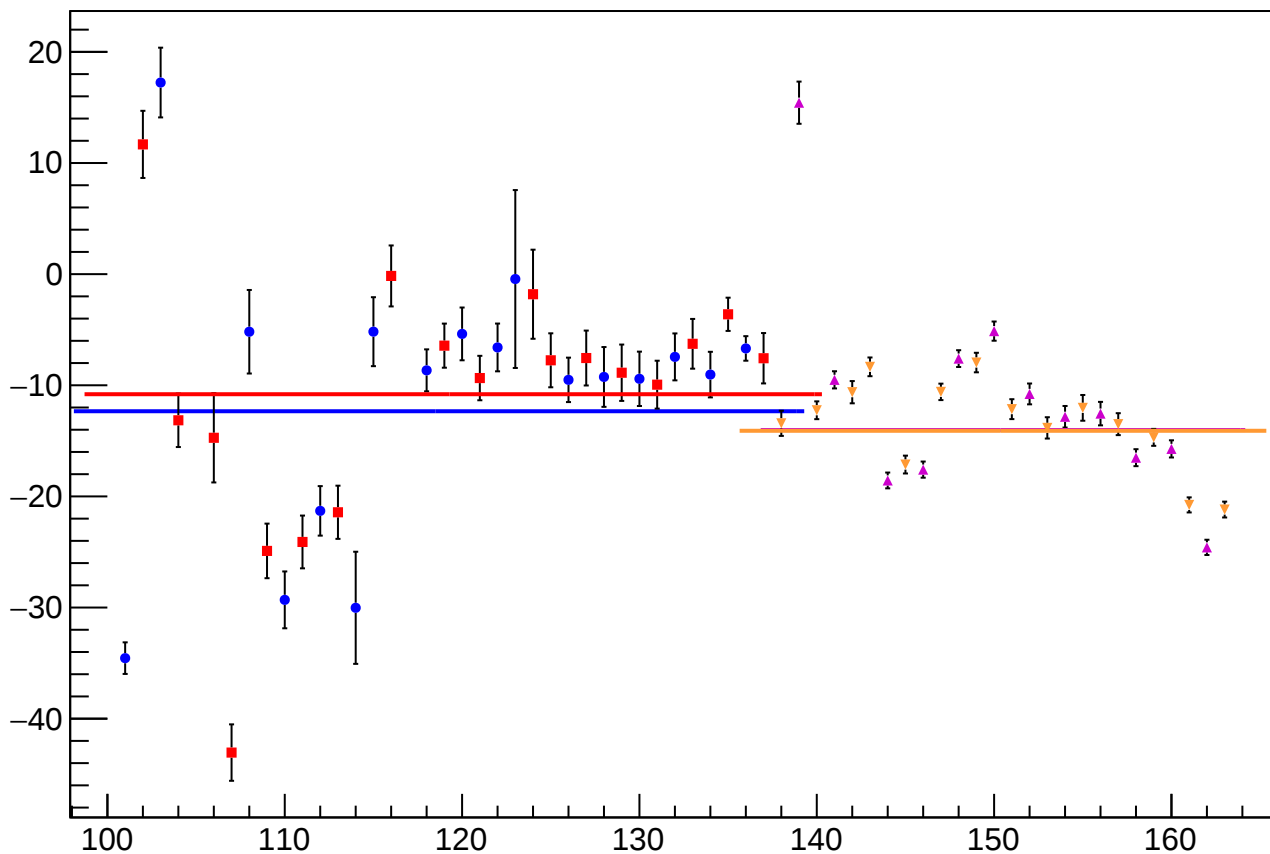
Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -72.136 ± 0.276 $\chi^2/\text{NDF}: 547.2/13$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -72.664 ± 0.288 $\chi^2/\text{NDF}: 515.1/11$

Left: -72.389 ± 0.199 $\chi^2/\text{NDF}: 1064.1/25$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -69.526 ± 0.272 $\chi^2/\text{NDF}: 1736.7/28$
 Out: -69.505 ± 0.263 $\chi^2/\text{NDF}: 1678.2/31$

All: -69.515 ± 0.189 $\chi^2/\text{NDF}: 3414.9/60$

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: -14.094 ± 0.227 χ^2/NDF : 354.5/13

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -14.029 ± 0.239 χ^2/NDF : 786.0/11

Left: -14.063 ± 0.165 χ^2/NDF : 1140.5/25

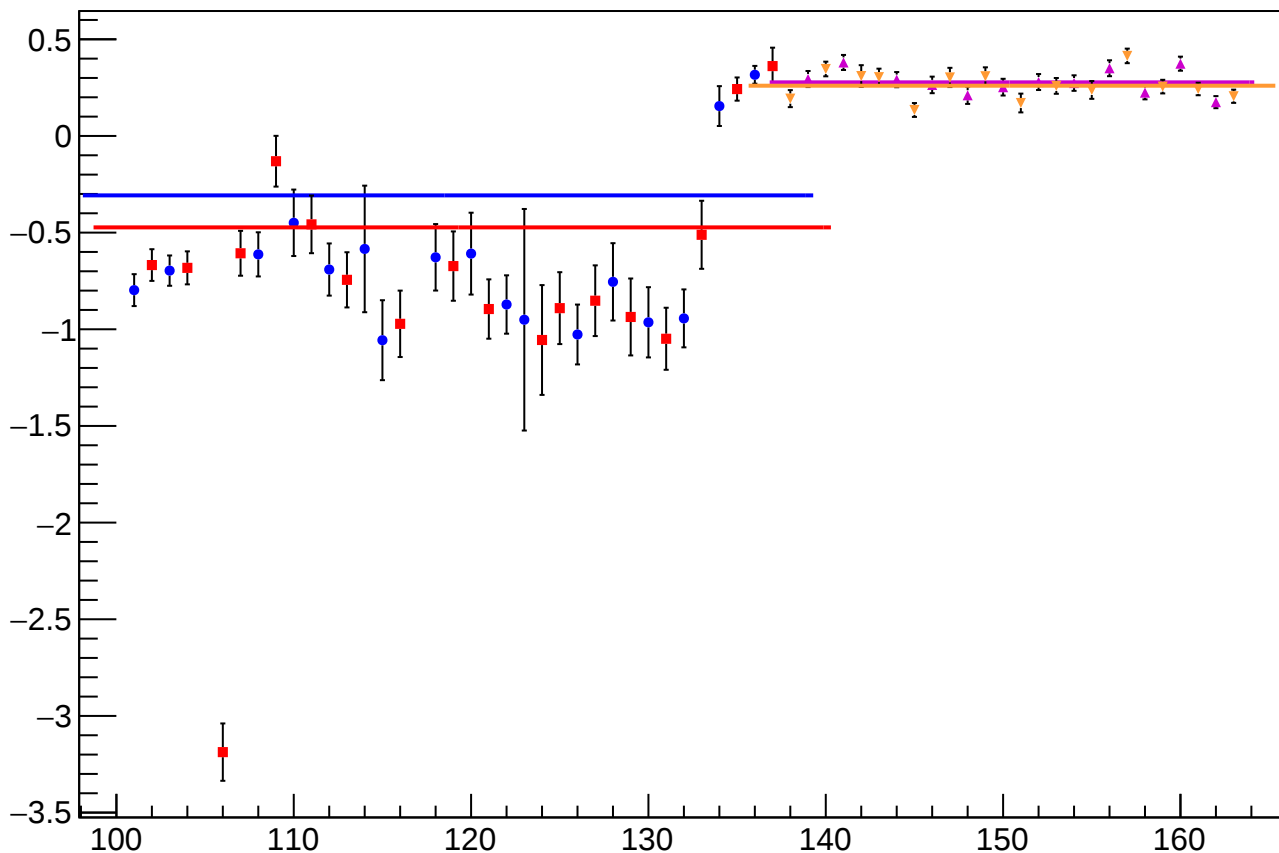
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -13.734 ± 0.217 χ^2/NDF : 1269.9/28

Out: -13.620 ± 0.210 χ^2/NDF : 746.1/31

All: -13.675 ± 0.151 χ^2/NDF : 2016.1/60

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: 0.260 ± 0.011 χ^2/NDF : 46.6/13

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.277 ± 0.011 χ^2/NDF : 33.2/11

Left: 0.268 ± 0.008 χ^2/NDF : 81.0/25

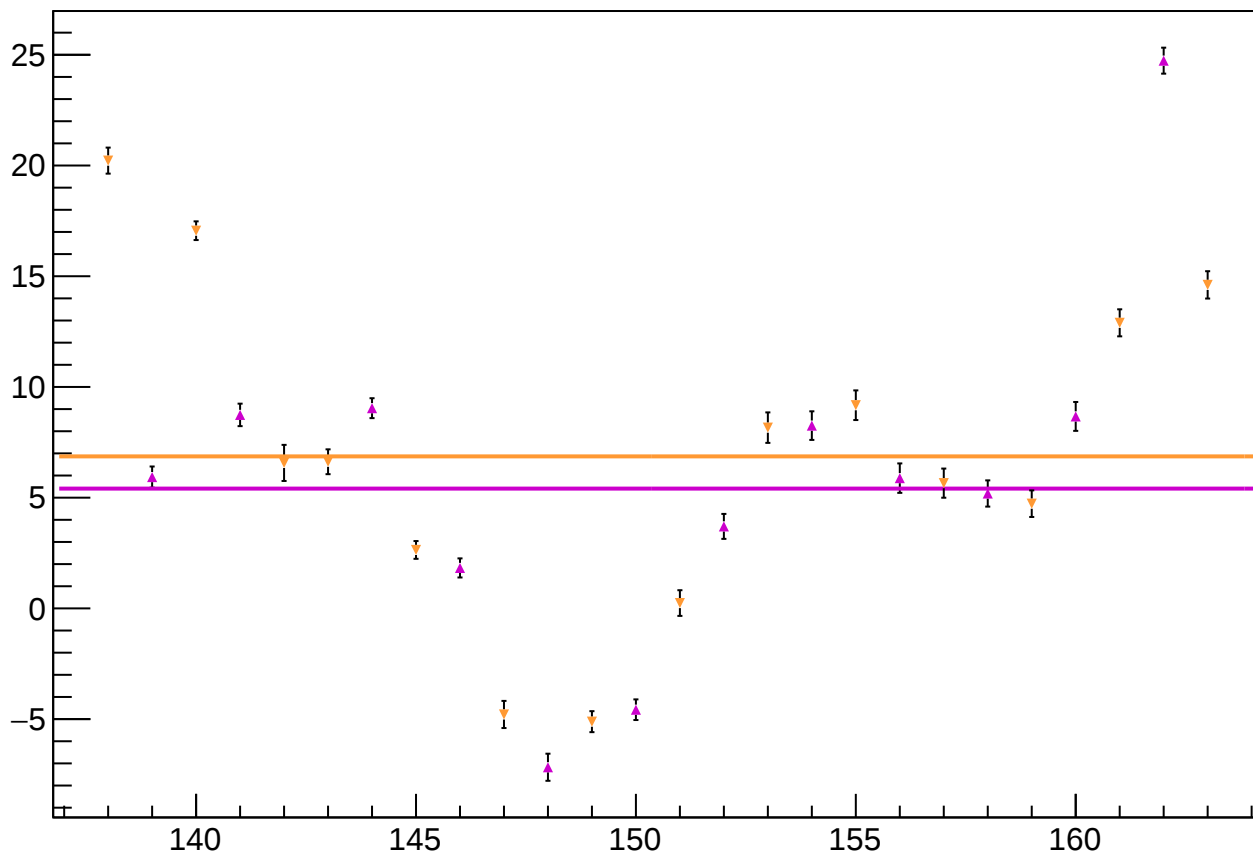
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.193 ± 0.010 χ^2/NDF : 791.6/28

Out: 0.168 ± 0.010 χ^2/NDF : 1246.6/31

All: 0.180 ± 0.007 χ^2/NDF : 2041.2/60

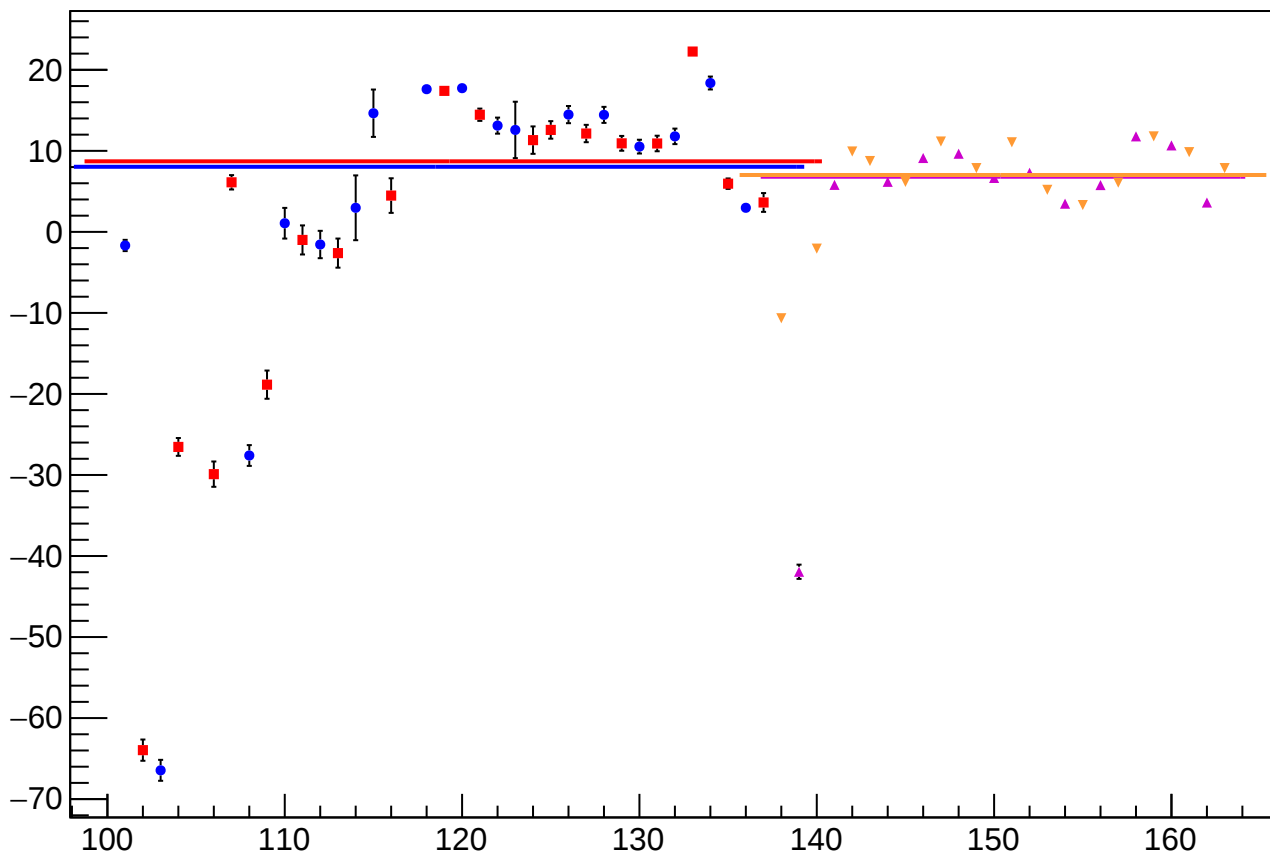
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.410+/-0.155 χ^2/NDF :2199.7/11

Left: 6.158+/-0.108 χ^2/NDF : 4874.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.410+/-0.155 χ^2/NDF :2199.7/11
 Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 All: 6.158+/-0.108 χ^2/NDF : 4874.3/25

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 7.021+/-0.105 χ^2/NDF : 2215.8/13

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.806+/-0.109 χ^2/NDF : 3579.8/11

Left: 6.918+/-0.076 χ^2/NDF : 5797.6/25

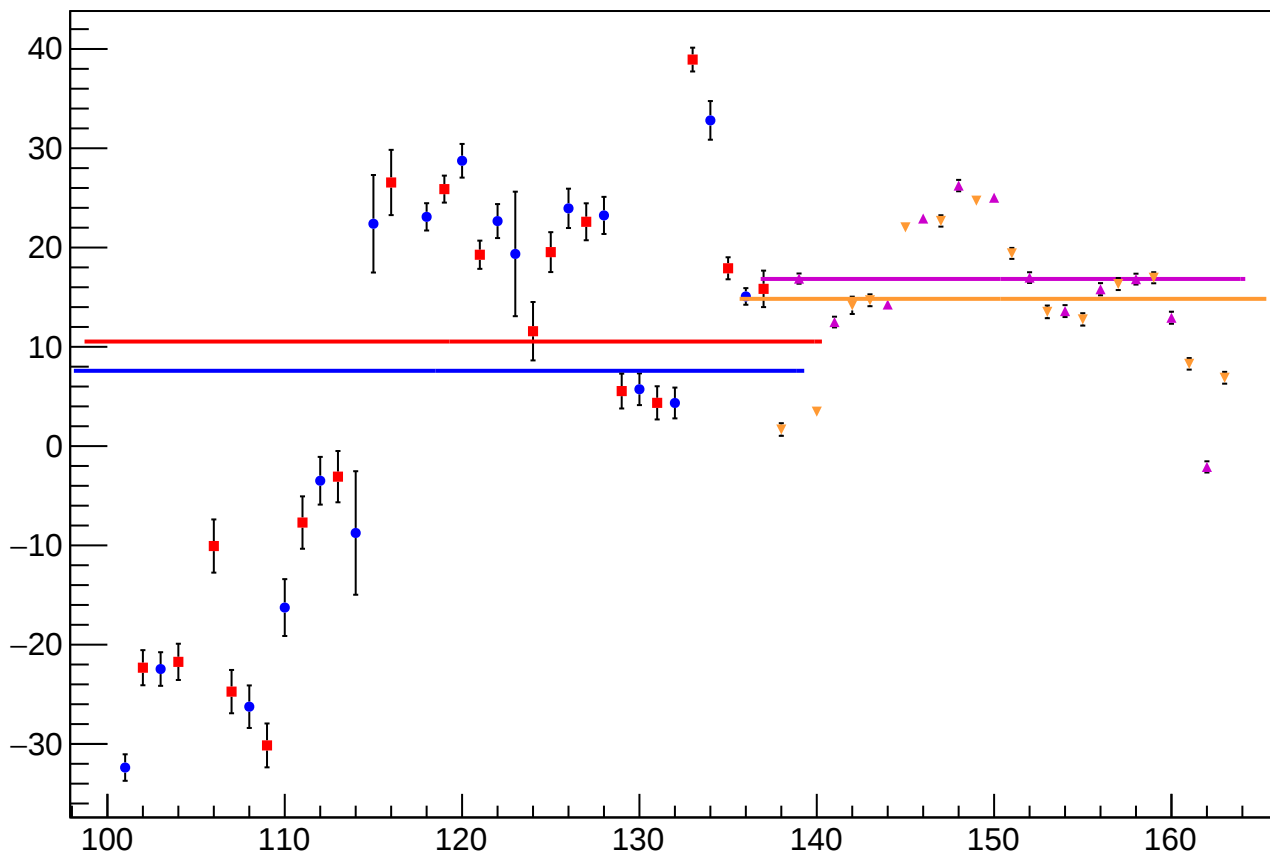
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 7.058+/-0.097 χ^2/NDF : 8976.0/28

Out: 7.350+/-0.094 χ^2/NDF : 8556.4/31

All: 7.209+/-0.068 χ^2/NDF : 17537.1/60

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 14.833 $\pm$ 0.149 χ^2 /NDF:2449.0/13

Right Out: 10.532 $\pm$ 0.418 χ^2 /NDF: 2279.5/17

Left In: 16.837 $\pm$ 0.151 χ^2 /NDF:2126.8/11

Left: 15.818 $\pm$ 0.106 χ^2 /NDF: 4665.0/25

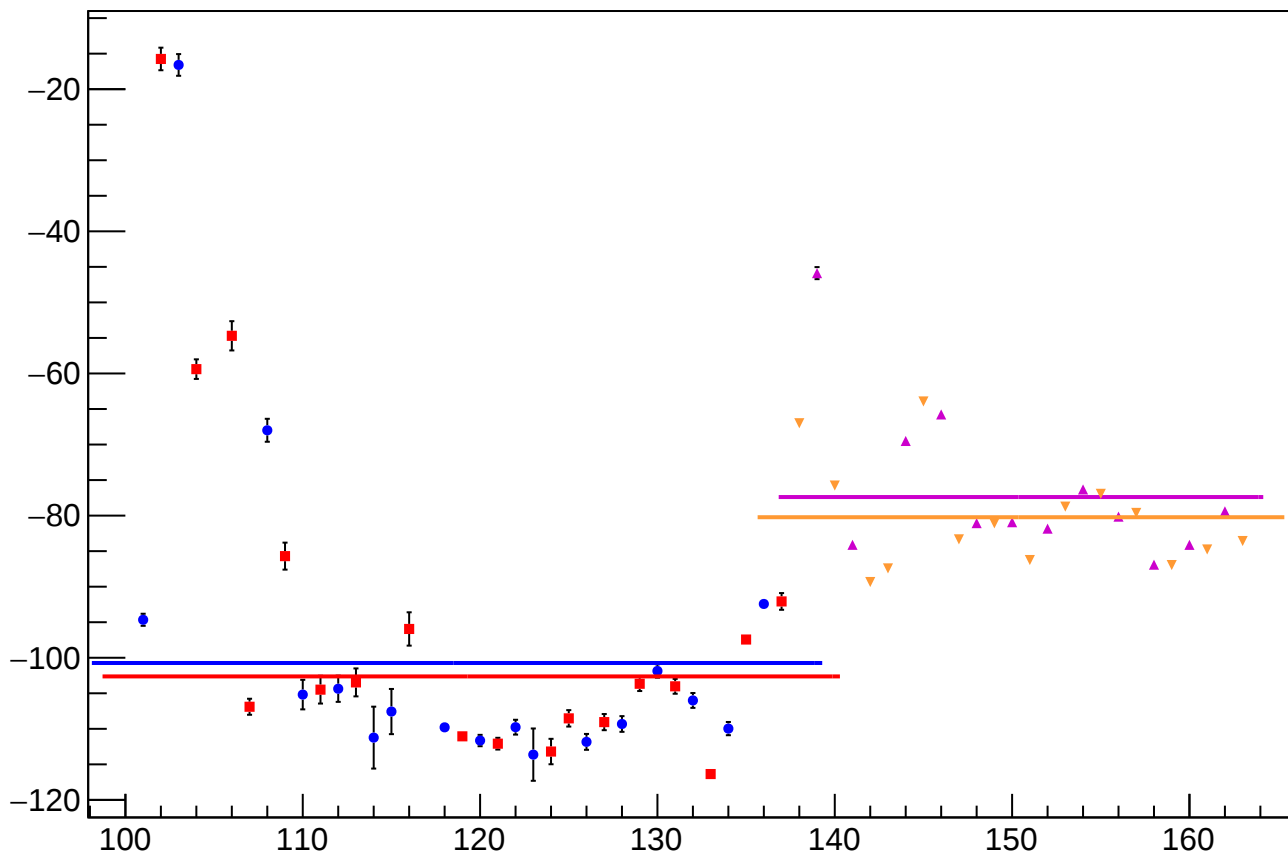
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 15.757 $\pm$ 0.142 χ^2 /NDF:4885.8/28

Out: 14.349 $\pm$ 0.140 χ^2 /NDF:4822.6/31

All: 15.042 $\pm$ 0.100 χ^2 /NDF: 9758.3/60

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: -80.227 ± 0.124 χ^2/NDF : 3474.9/13

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -77.387 ± 0.128 χ^2/NDF : 4185.8/11

Left: -78.857 ± 0.089 χ^2/NDF : 7914.6/25

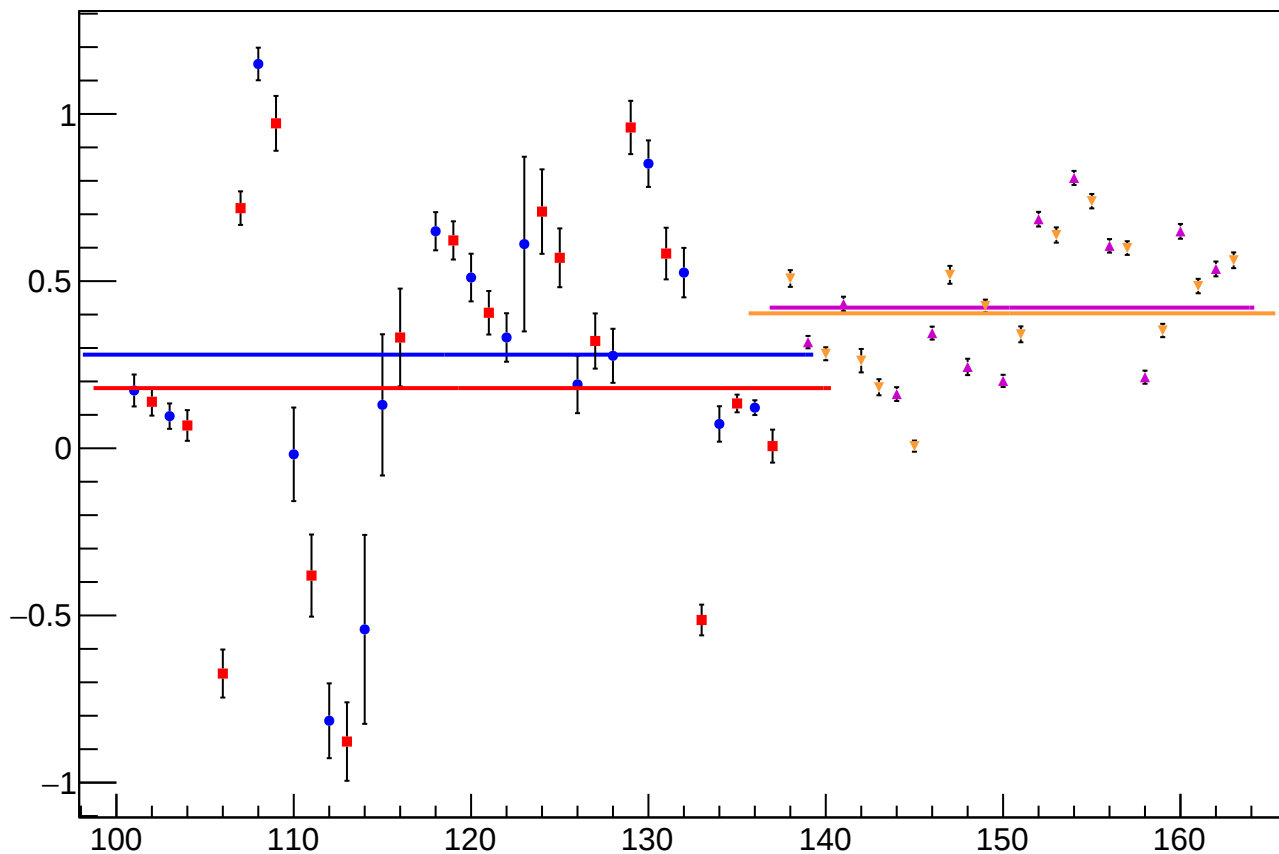
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -82.303 ± 0.114 χ^2/NDF : 15687.0/28

Out: -84.748 ± 0.111 χ^2/NDF : 15802.1/31

All: -83.562 ± 0.079 χ^2/NDF : 31726.3/60

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: 0.404 ± 0.006 χ^2/NDF : 1256.9/13

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.421 ± 0.006 χ^2/NDF : 1213.2/11

Left: 0.412 ± 0.004 χ^2/NDF : 2474.3/25

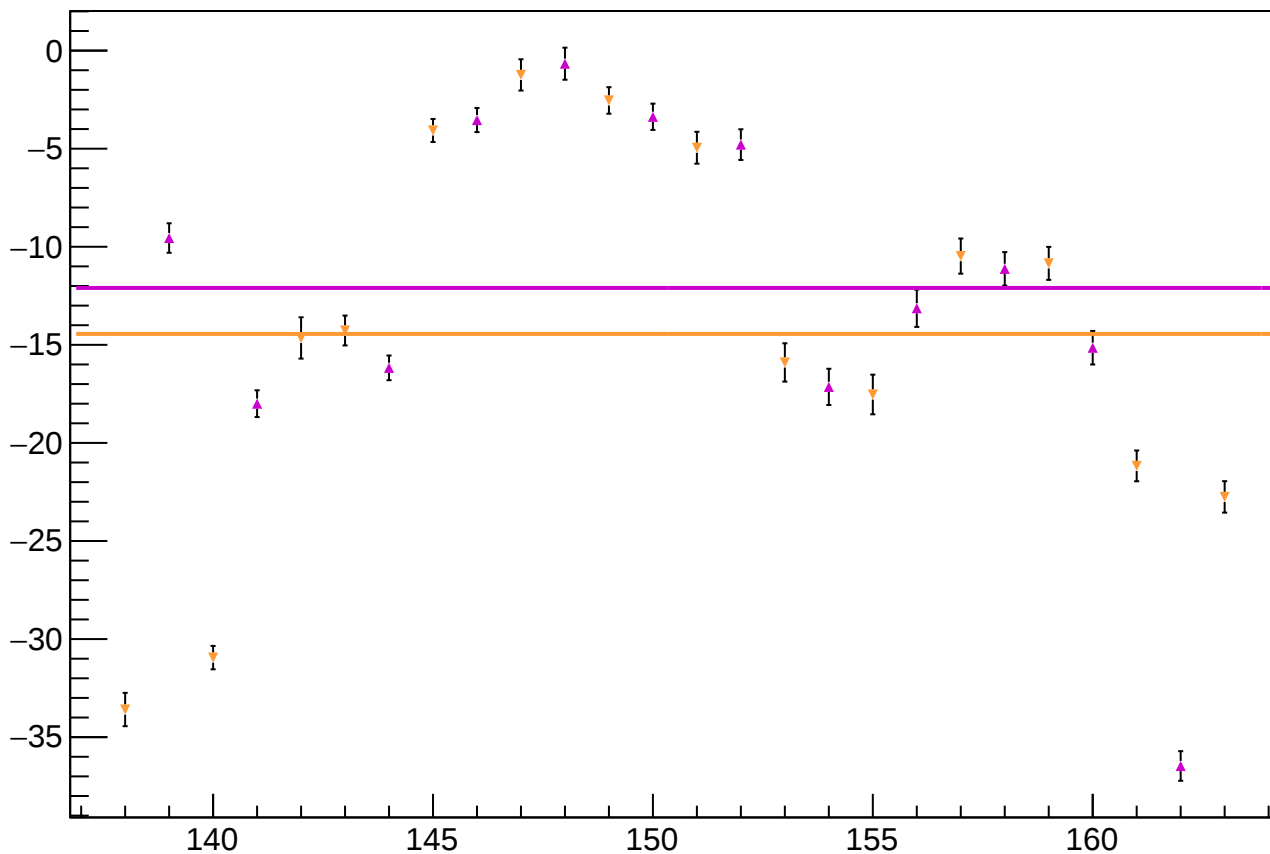
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.398 ± 0.005 χ^2/NDF : 1960.7/28

Out: 0.368 ± 0.005 χ^2/NDF : 2425.5/31

All: 0.383 ± 0.004 χ^2/NDF : 4401.1/60

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: -14.444+/-0.209 χ^2/NDF :2538.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Left: -13.316+/-0.151 χ^2/NDF : 4459.7/25

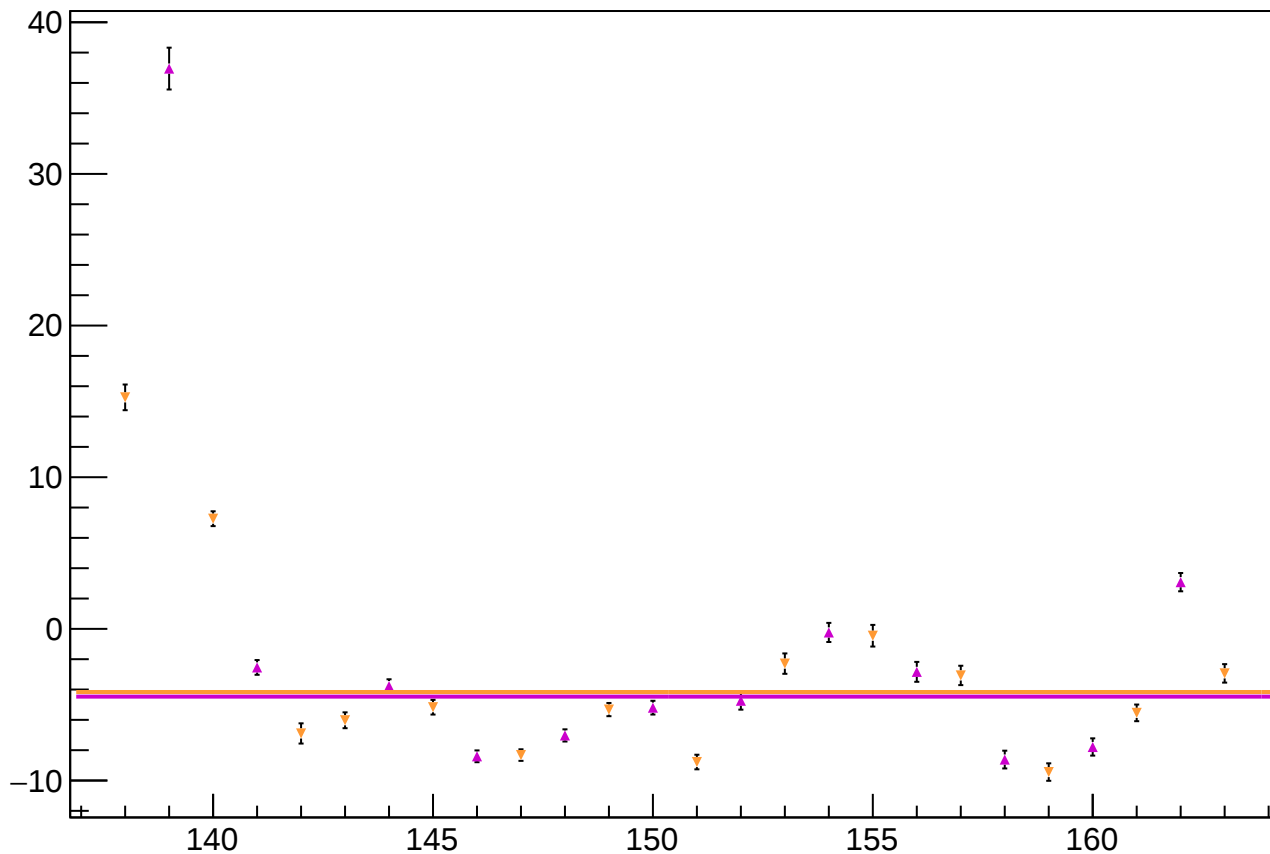
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Out: -14.444+/-0.209 χ^2/NDF :2538.1/13

All: -13.316+/-0.151 χ^2/NDF : 4459.7/25

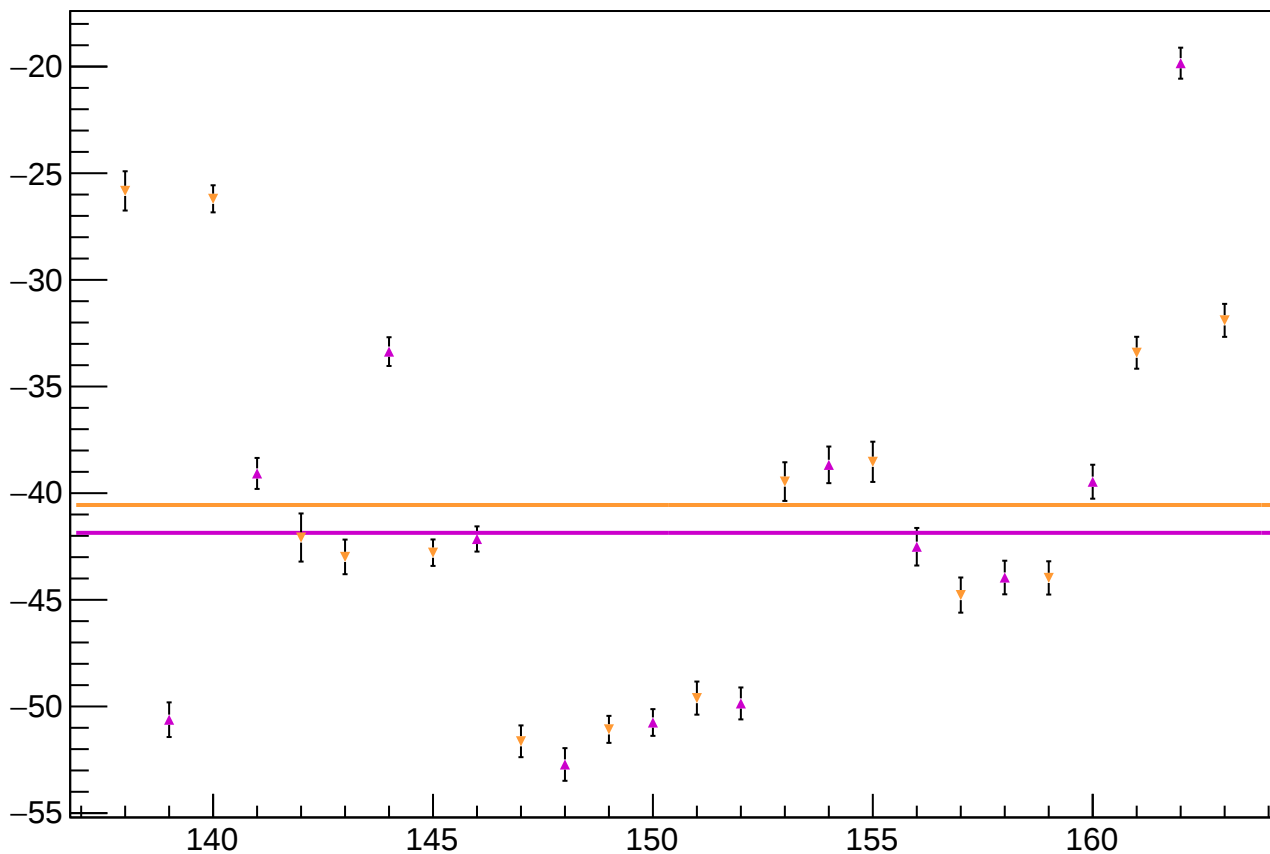
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.163 $\pm$ 0.145 χ^2 /NDF:1456.5/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.467 $\pm$ 0.151 χ^2 /NDF:1357.5/11

Left: -4.308 $\pm$ 0.104 χ^2 /NDF: 2816.1/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.467 $\pm$ 0.151 χ^2 /NDF:1357.5/11
 Out: -4.163 $\pm$ 0.145 χ^2 /NDF:1456.5/13
 All: -4.308 $\pm$ 0.104 χ^2 /NDF: 2816.1/25

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: -40.554+/-0.207 χ^2/NDF :1692.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Left: -41.190+/-0.148 χ^2/NDF : 3466.3/25

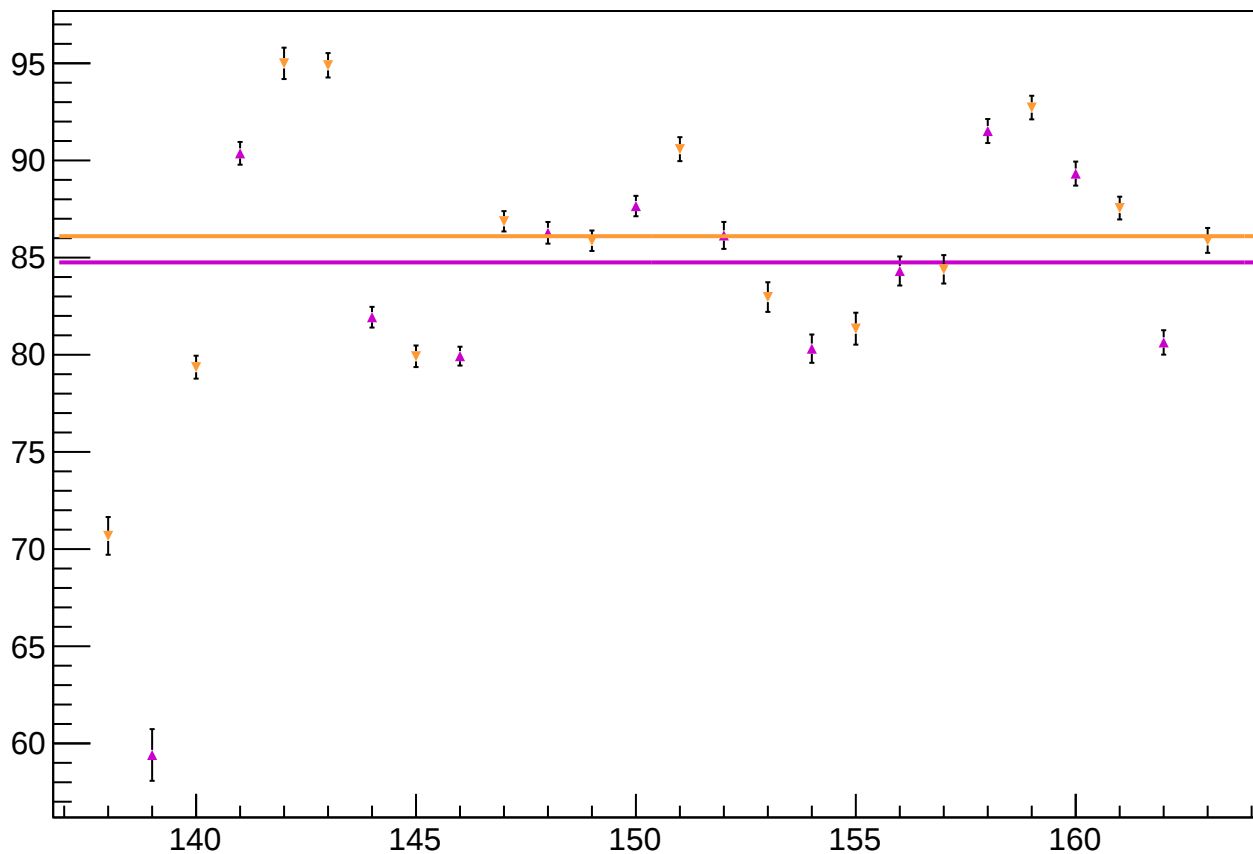
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Out: -40.554+/-0.207 χ^2/NDF :1692.4/13

All: -41.190+/-0.148 χ^2/NDF : 3466.3/25

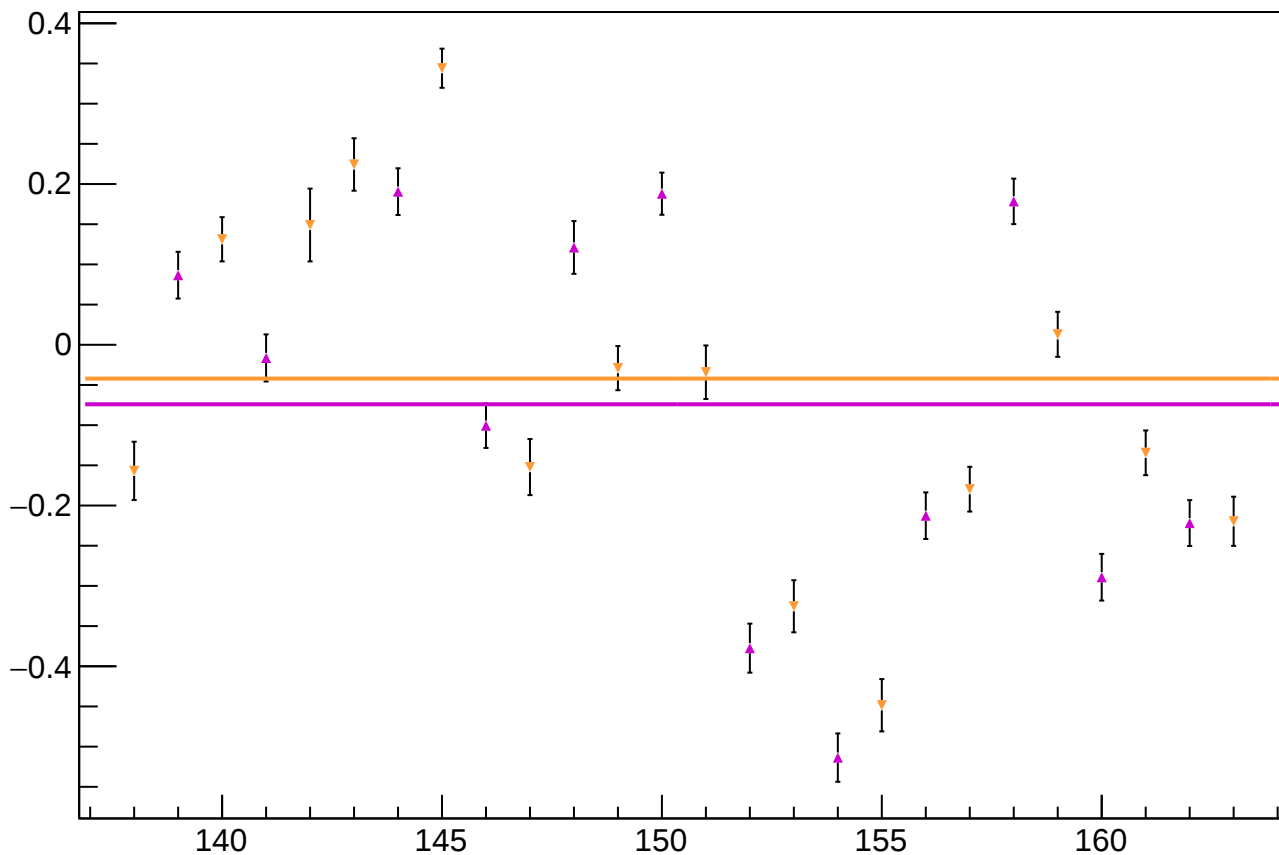
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 86.102 $\pm$ 0.171 χ^2 /NDF:1060.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 84.753 $\pm$ 0.178 χ^2 /NDF:879.1/11

Left: 85.455 $\pm$ 0.123 χ^2 /NDF: 1969.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 84.753 $\pm$ 0.178 χ^2 /NDF:879.1/11
 Out: 86.102 $\pm$ 0.171 χ^2 /NDF:1060.8/13
 All: 85.455 $\pm$ 0.123 χ^2 /NDF: 1969.9/25

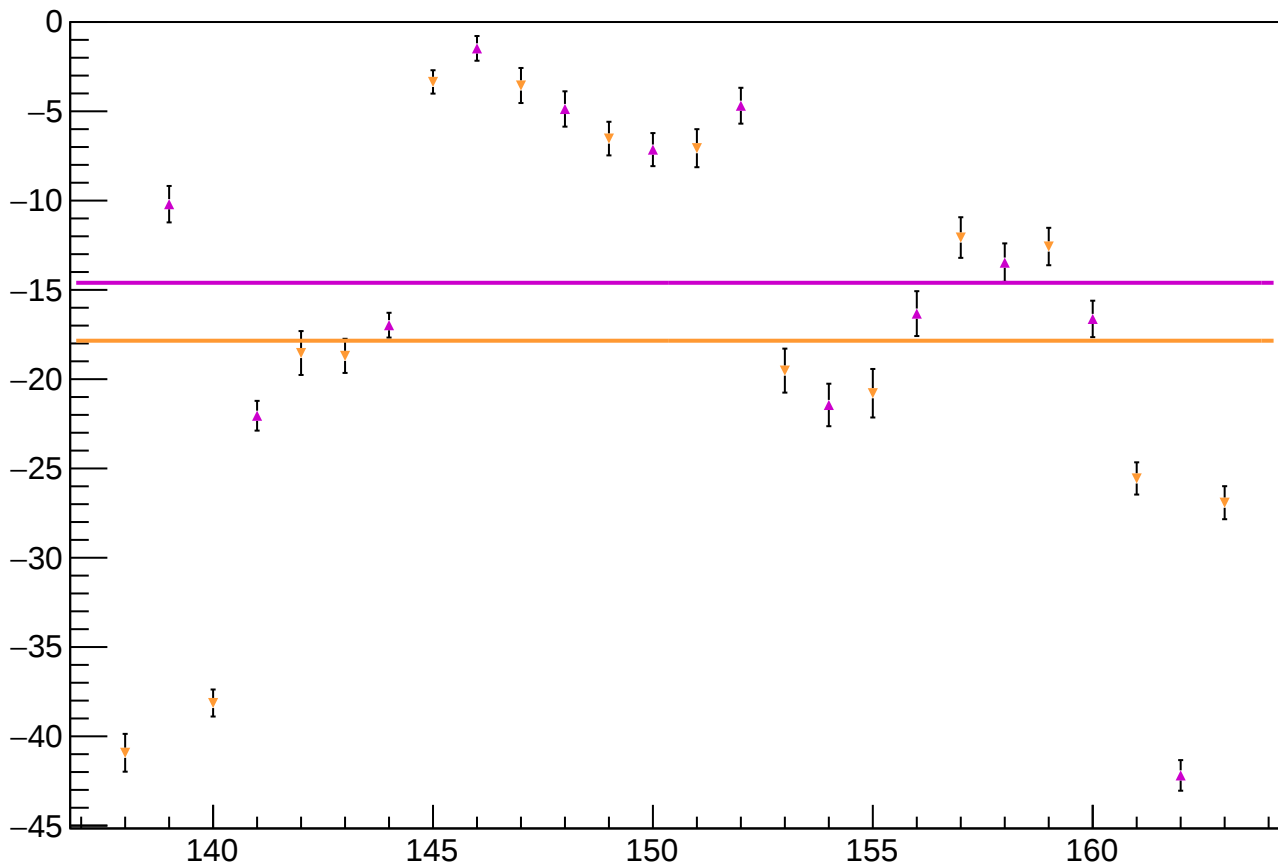
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.042+/-0.008 χ^2/NDF : 701.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.074+/-0.008 χ^2/NDF : 750.1/11

Left: -0.058+/-0.006 χ^2/NDF : 1459.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.074+/-0.008 χ^2/NDF : 750.1/11
 Out: -0.042+/-0.008 χ^2/NDF : 701.5/13
 All: -0.058+/-0.006 χ^2/NDF : 1459.1/25

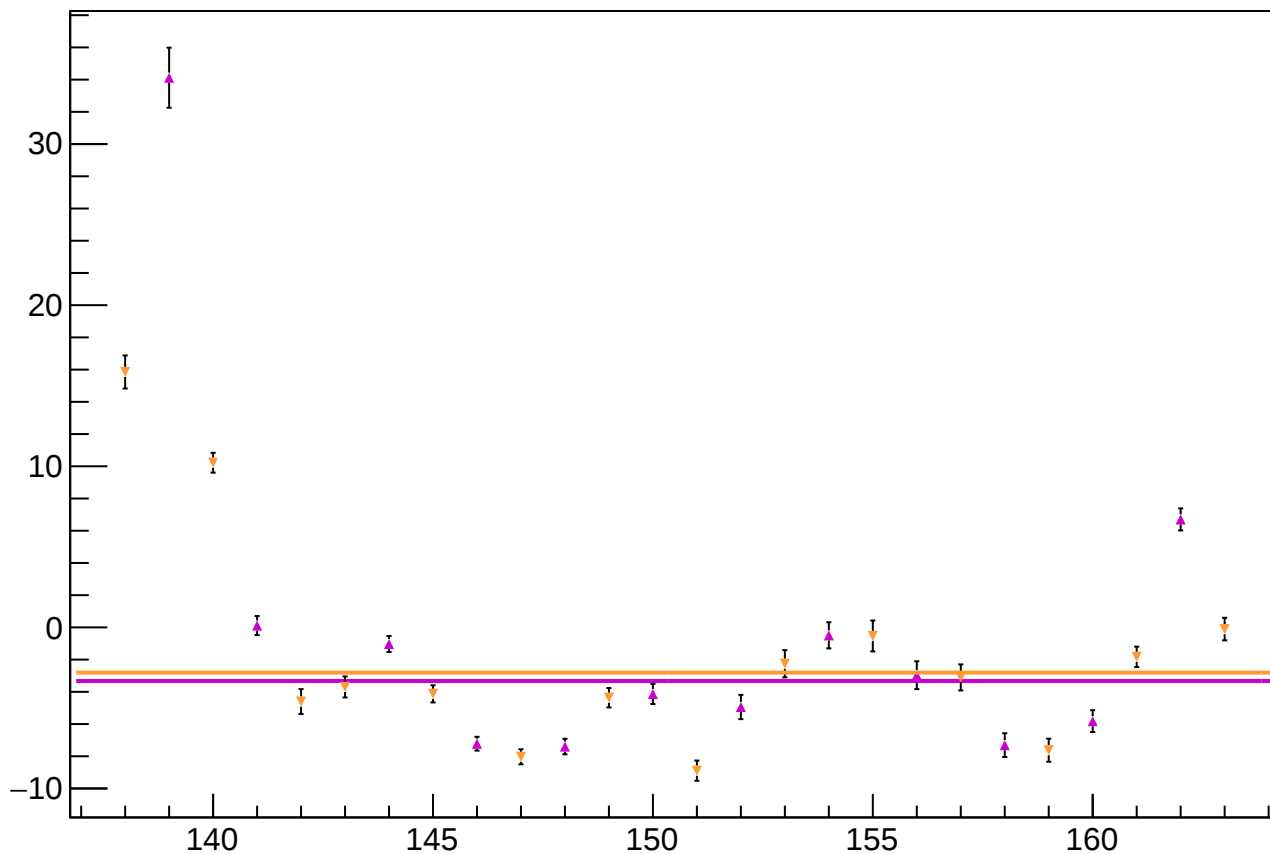
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -17.847 $\pm$ 0.258 χ^2/NDF :2370.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -14.603 $\pm$ 0.265 χ^2/NDF :1804.5/11

Left: -16.268 $\pm$ 0.185 χ^2/NDF : 4252.0/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -14.603 $\pm$ 0.265 χ^2/NDF :1804.5/11
 Out: -17.847 $\pm$ 0.258 χ^2/NDF :2370.4/13
 All: -16.268 $\pm$ 0.185 χ^2/NDF : 4252.0/25

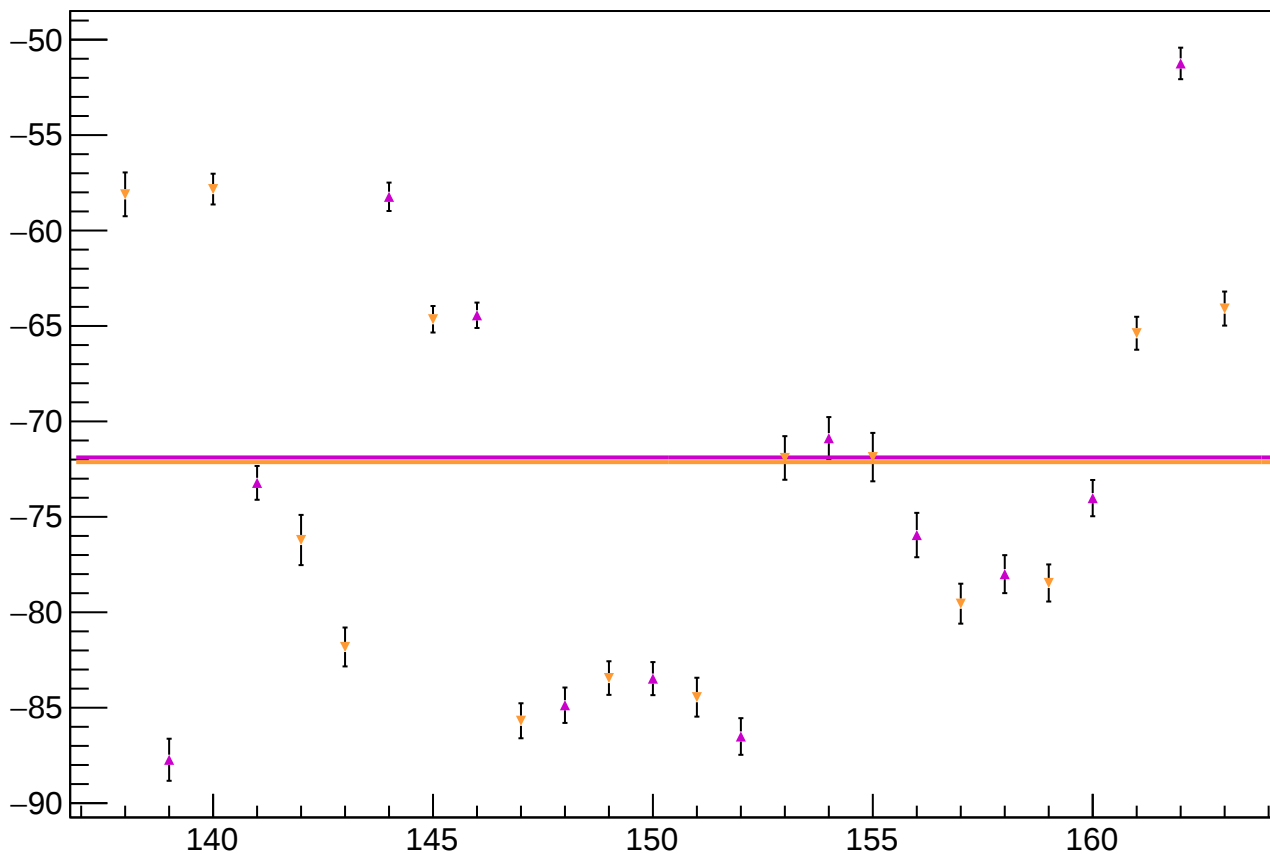
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.807 $\pm$ 0.178 χ^2 /NDF:1087.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.327 $\pm$ 0.182 χ^2 /NDF:888.6/11

Left: -3.062 $\pm$ 0.127 χ^2 /NDF: 1980.6/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.327 $\pm$ 0.182 χ^2 /NDF:888.6/11
 Out: -2.807 $\pm$ 0.178 χ^2 /NDF:1087.8/13
 All: -3.062 $\pm$ 0.127 χ^2 /NDF: 1980.6/25

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: -72.135+/-0.256 χ^2/NDF :1445.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Left: -72.013+/-0.182 χ^2/NDF : 3405.4/25

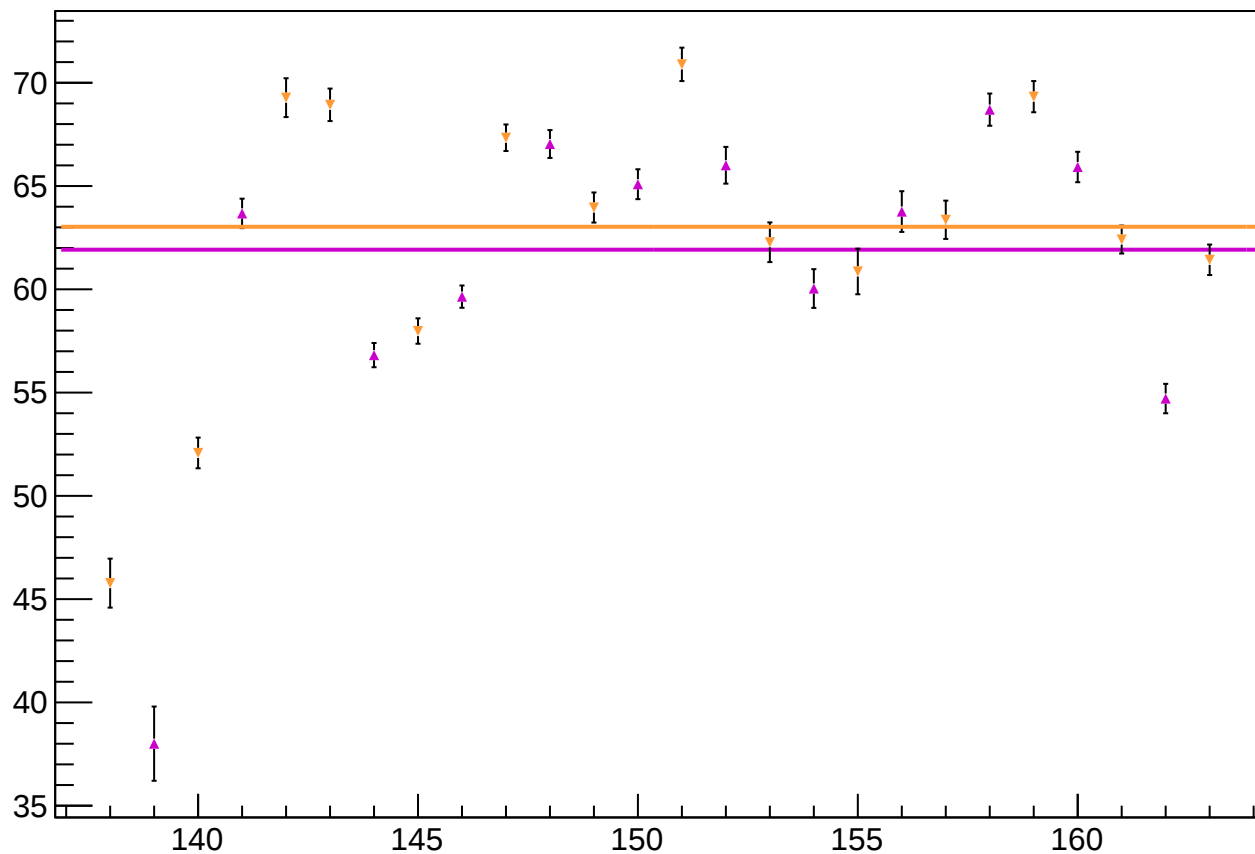
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Out: -72.135+/-0.256 χ^2/NDF :1445.7/13

All: -72.013+/-0.182 χ^2/NDF : 3405.4/25

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: 63.028 $\pm$ 0.210 χ^2 /NDF:818.0/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 61.918 $\pm$ 0.215 χ^2 /NDF:589.7/11

Left: 62.485 $\pm$ 0.150 χ^2 /NDF: 1421.2/25

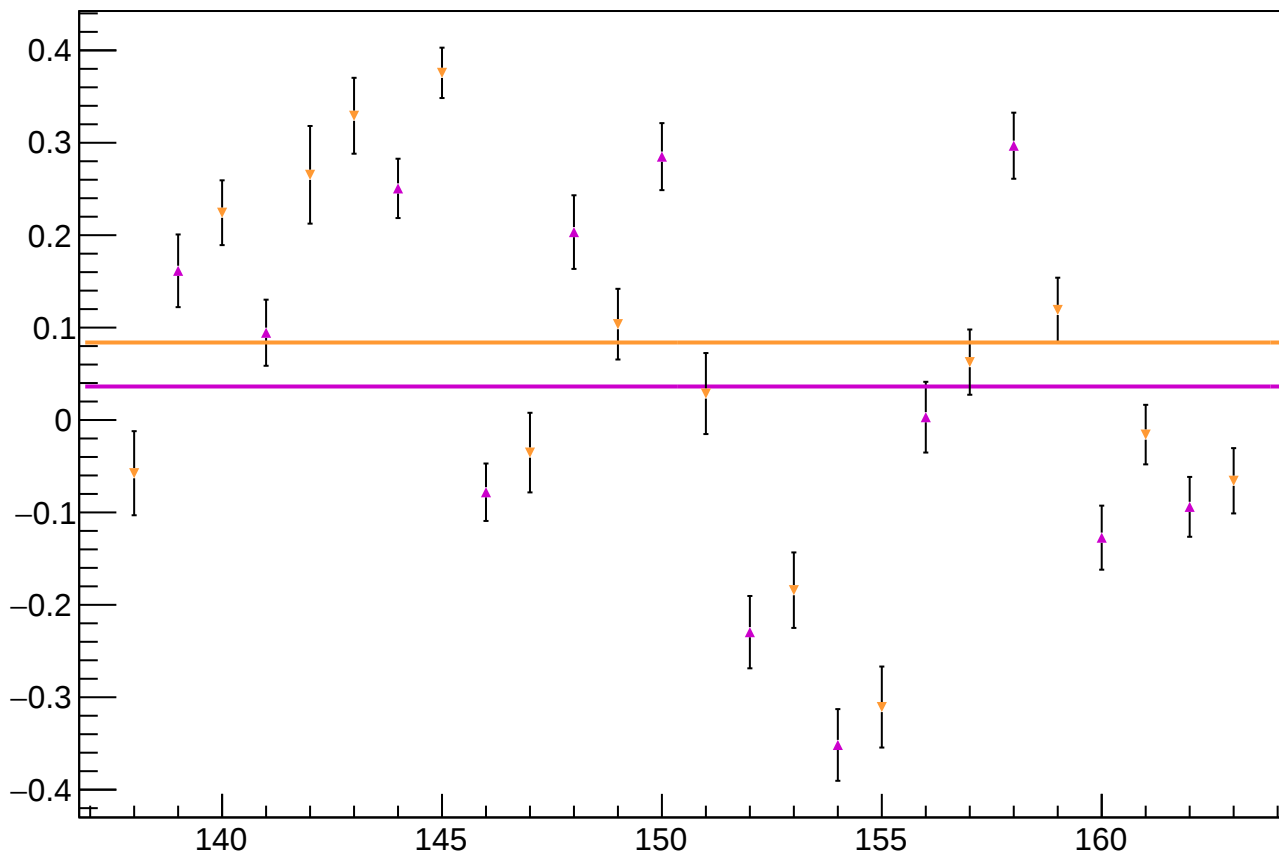
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 61.918 $\pm$ 0.215 χ^2 /NDF:589.7/11

Out: 63.028 $\pm$ 0.210 χ^2 /NDF:818.0/13

All: 62.485 $\pm$ 0.150 χ^2 /NDF: 1421.2/25

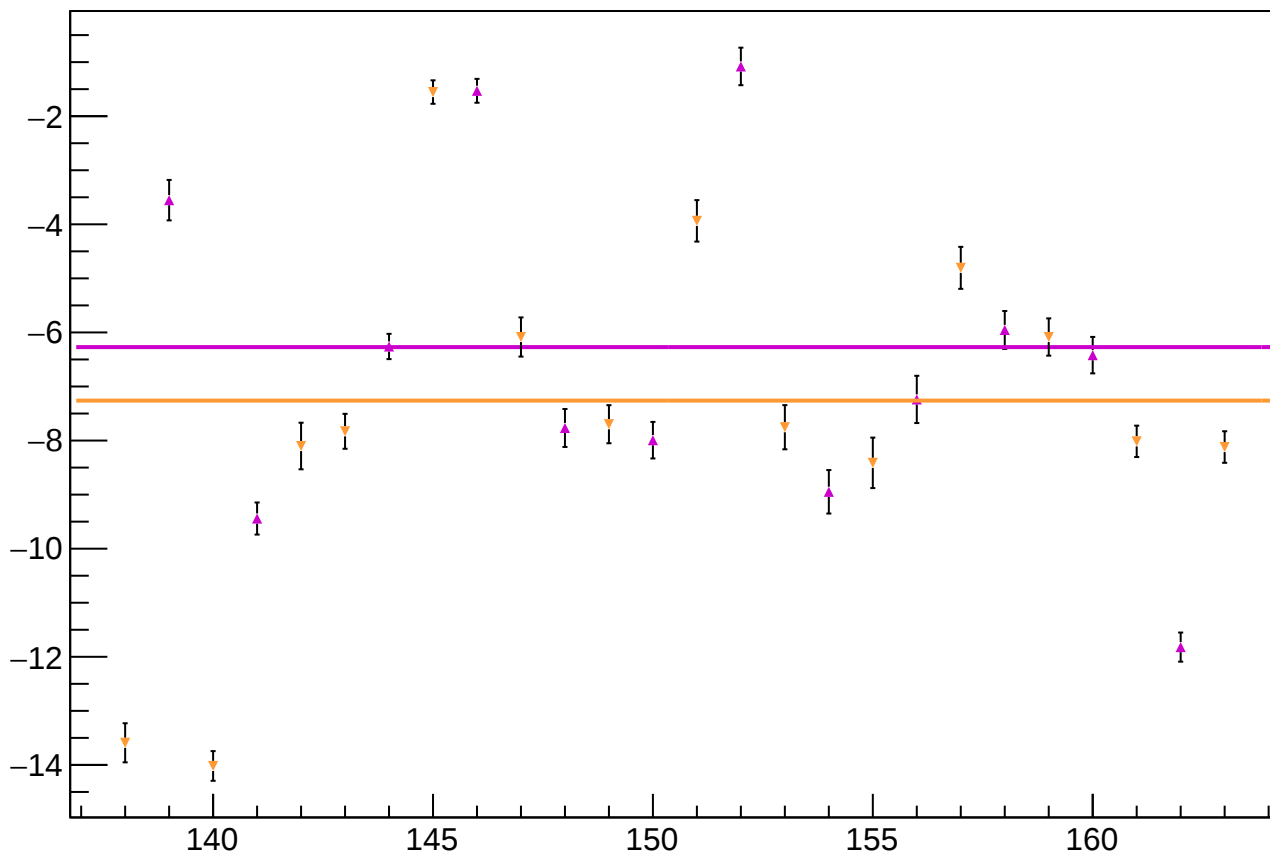
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.036 $\pm$ 0.010 χ^2 /NDF:374.0/11

Left: 0.061 $\pm$ 0.007 χ^2 /NDF: 735.2/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.036 $\pm$ 0.010 χ^2 /NDF:374.0/11
 Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 All: 0.061 $\pm$ 0.007 χ^2 /NDF: 735.2/25

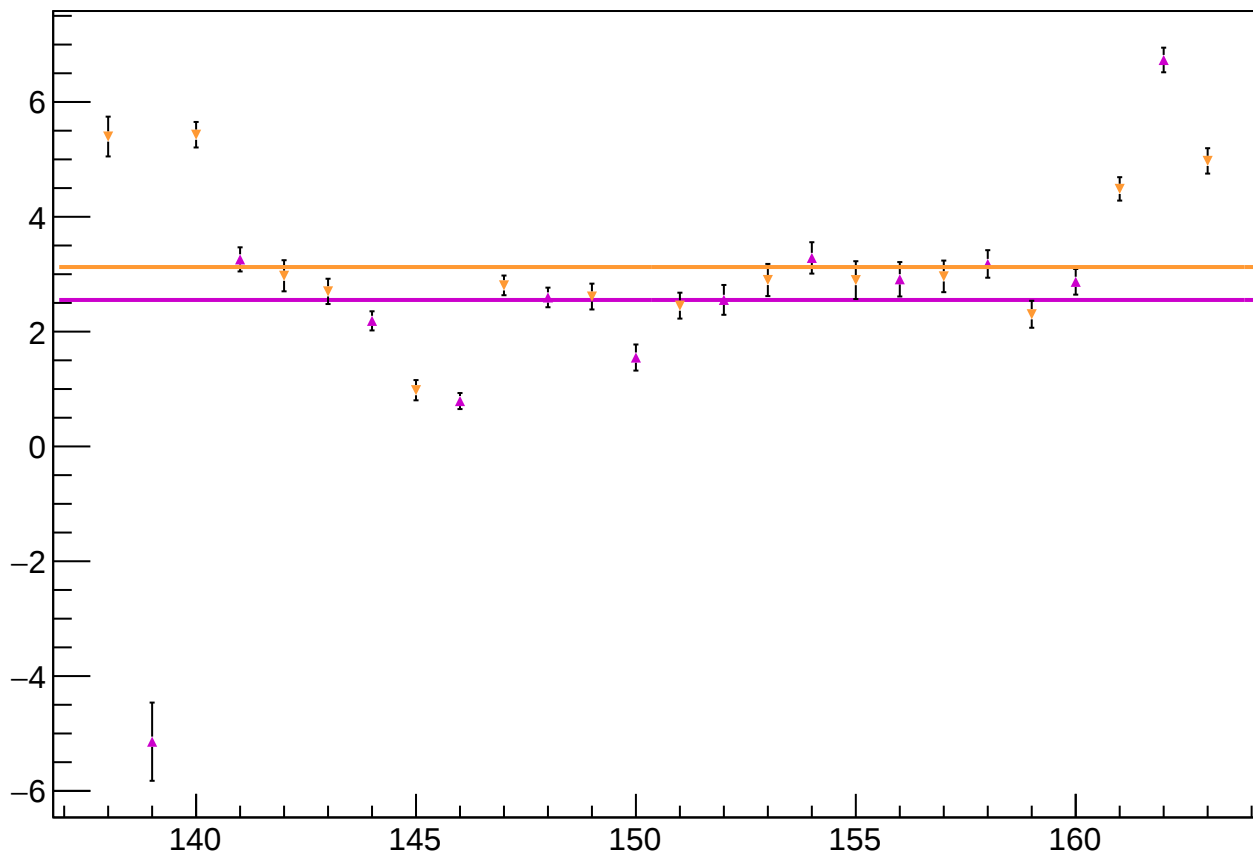
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.261 $\pm$ 0.088 χ^2 /NDF:1772.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.271 $\pm$ 0.090 χ^2 /NDF:1369.6/11

Left: -6.774 $\pm$ 0.063 χ^2 /NDF: 3204.0/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.271 $\pm$ 0.090 χ^2 /NDF:1369.6/11
 Out: -7.261 $\pm$ 0.088 χ^2 /NDF:1772.4/13
 All: -6.774 $\pm$ 0.063 χ^2 /NDF: 3204.0/25

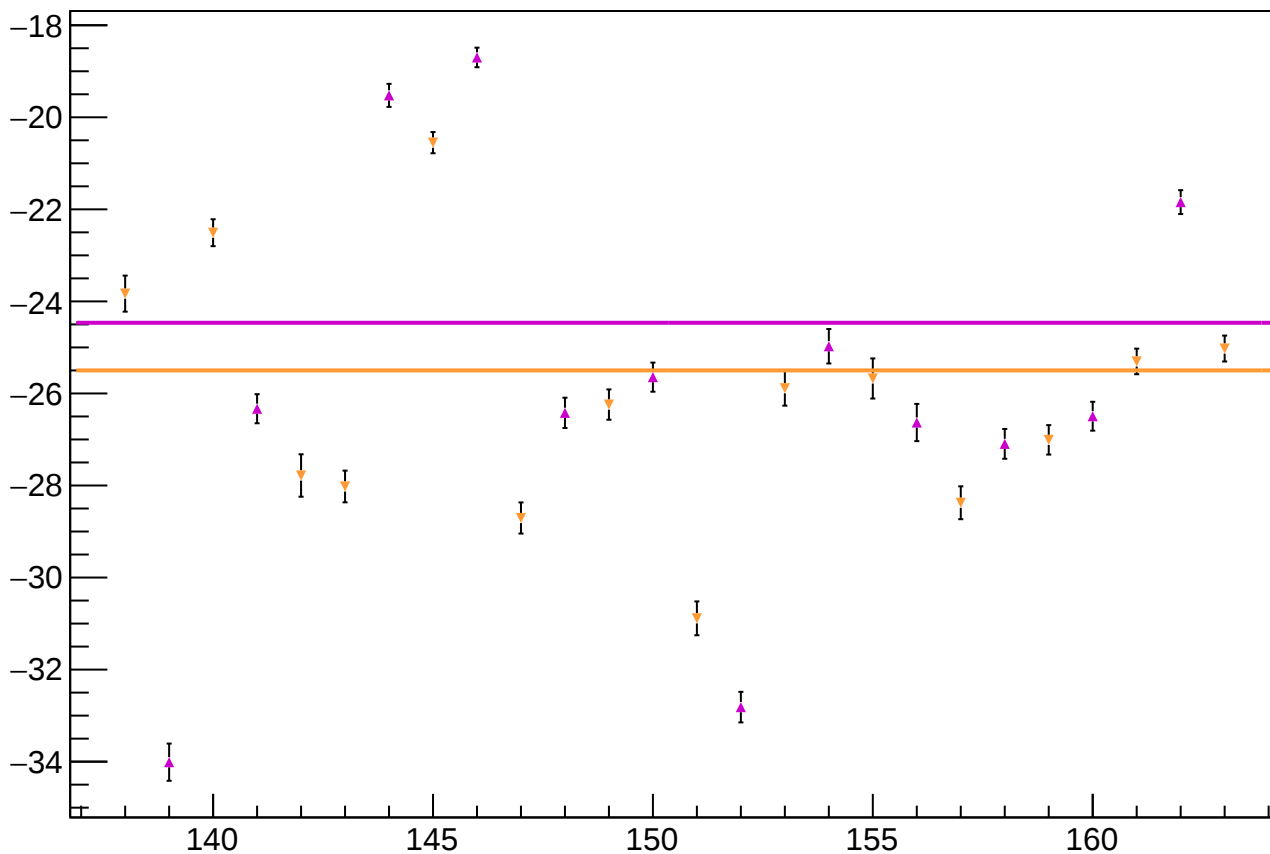
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.125 $\pm$ 0.061 χ^2/NDF :448.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.551 $\pm$ 0.062 χ^2/NDF :719.6/11

Left: 2.839 $\pm$ 0.043 χ^2/NDF : 1211.6/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.551 $\pm$ 0.062 χ^2/NDF :719.6/11
 Out: 3.125 $\pm$ 0.061 χ^2/NDF :448.4/13
 All: 2.839 $\pm$ 0.043 χ^2/NDF : 1211.6/25

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: -25.499+/-0.087 χ^2/NDF :1063.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Left: -24.983+/-0.062 χ^2/NDF : 3772.7/25

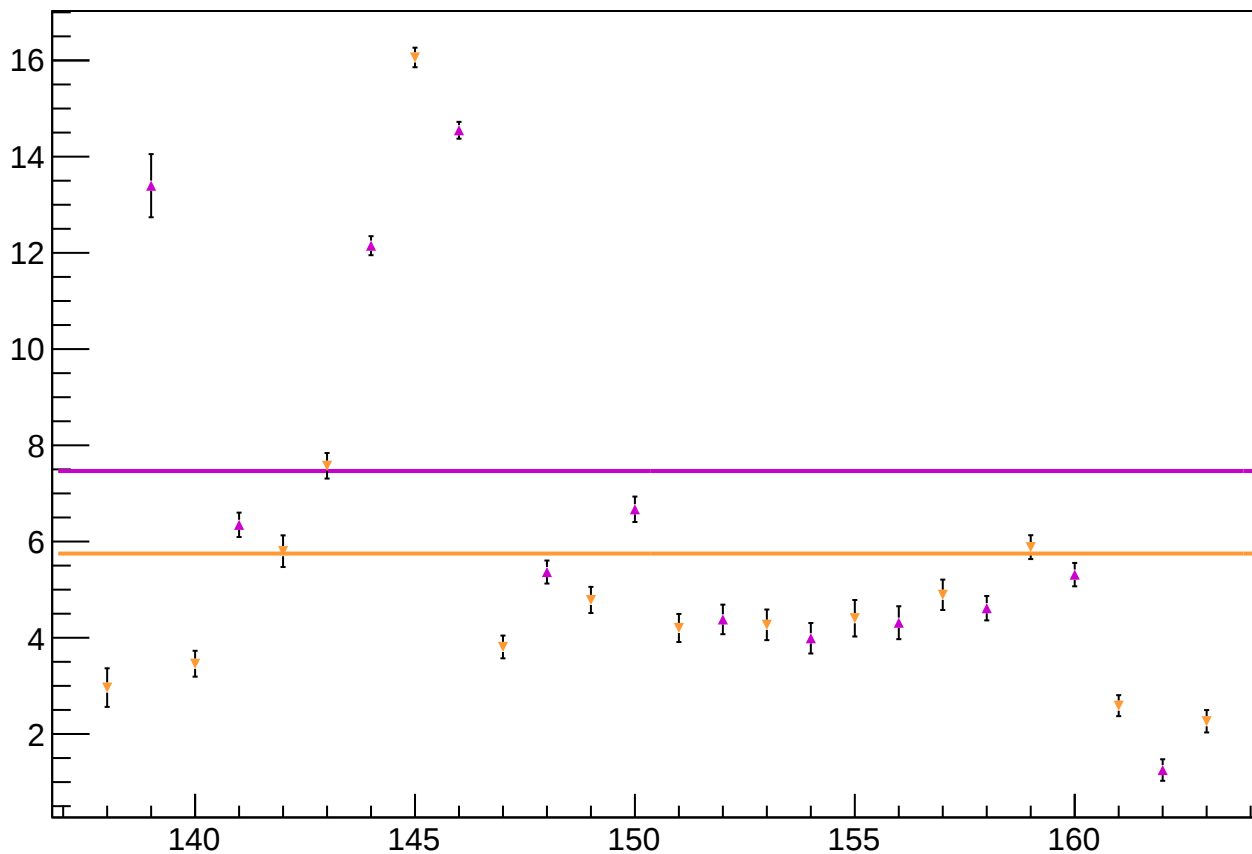
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Out: -25.499+/-0.087 χ^2/NDF :1063.8/13

All: -24.983+/-0.062 χ^2/NDF : 3772.7/25

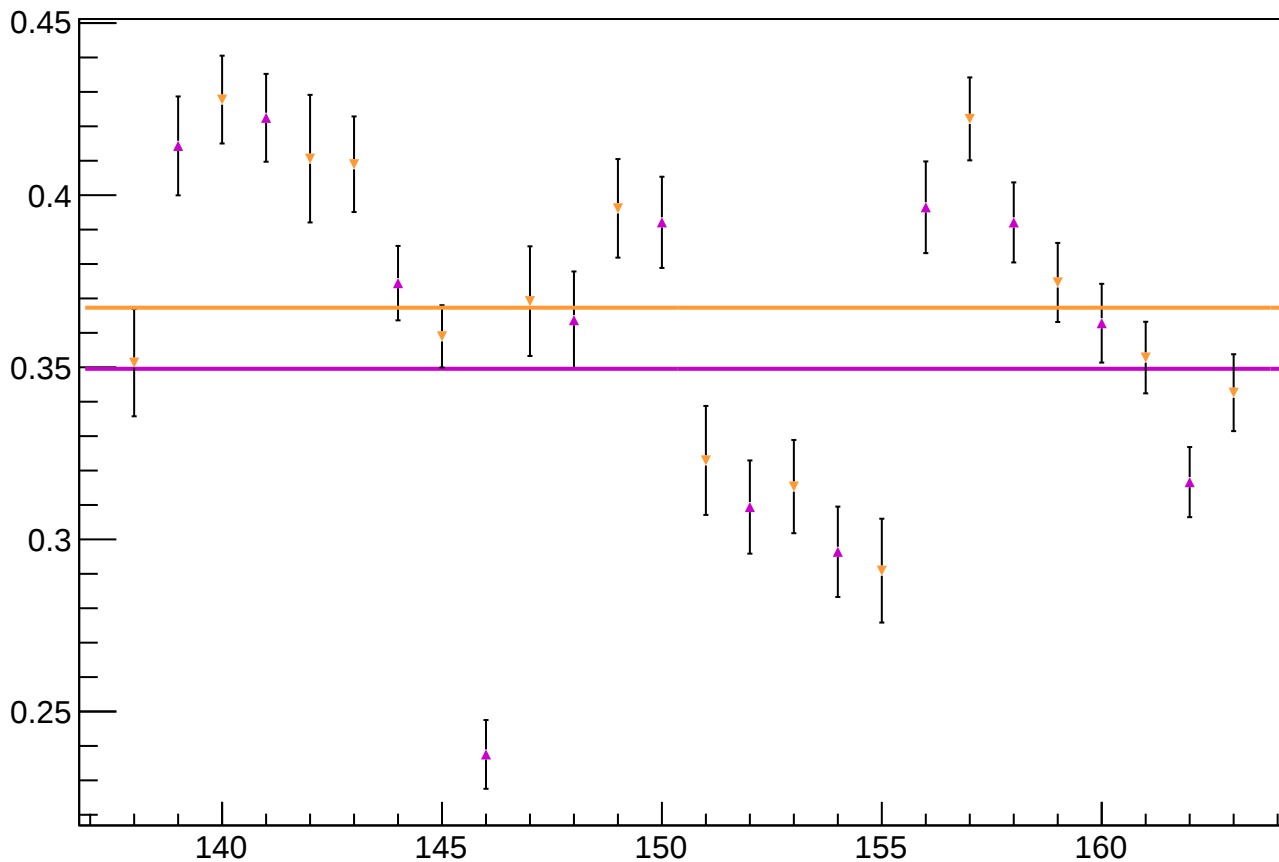
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.466+/-0.073 χ^2/NDF :3673.3/11

Left: 6.600+/-0.051 χ^2/NDF : 7282.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.466+/-0.073 χ^2/NDF :3673.3/11
 Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 All: 6.600+/-0.051 χ^2/NDF : 7282.4/25

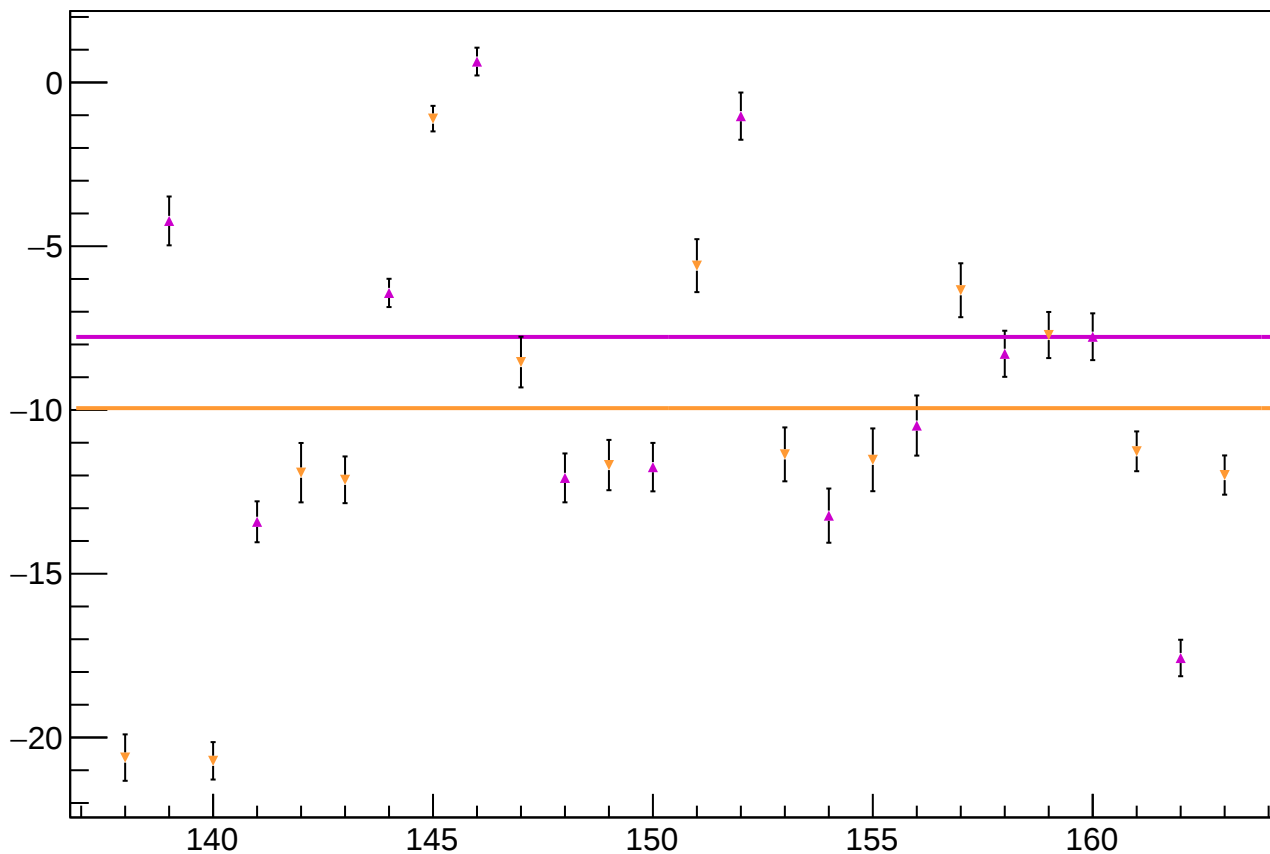
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.367+/-0.003 χ^2/NDF :119.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.350+/-0.003 χ^2/NDF :258.2/11

Left: 0.359+/-0.002 χ^2/NDF : 390.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.350+/-0.003 χ^2/NDF :258.2/11
 Out: 0.367+/-0.003 χ^2/NDF :119.1/13
 All: 0.359+/-0.002 χ^2/NDF : 390.4/25

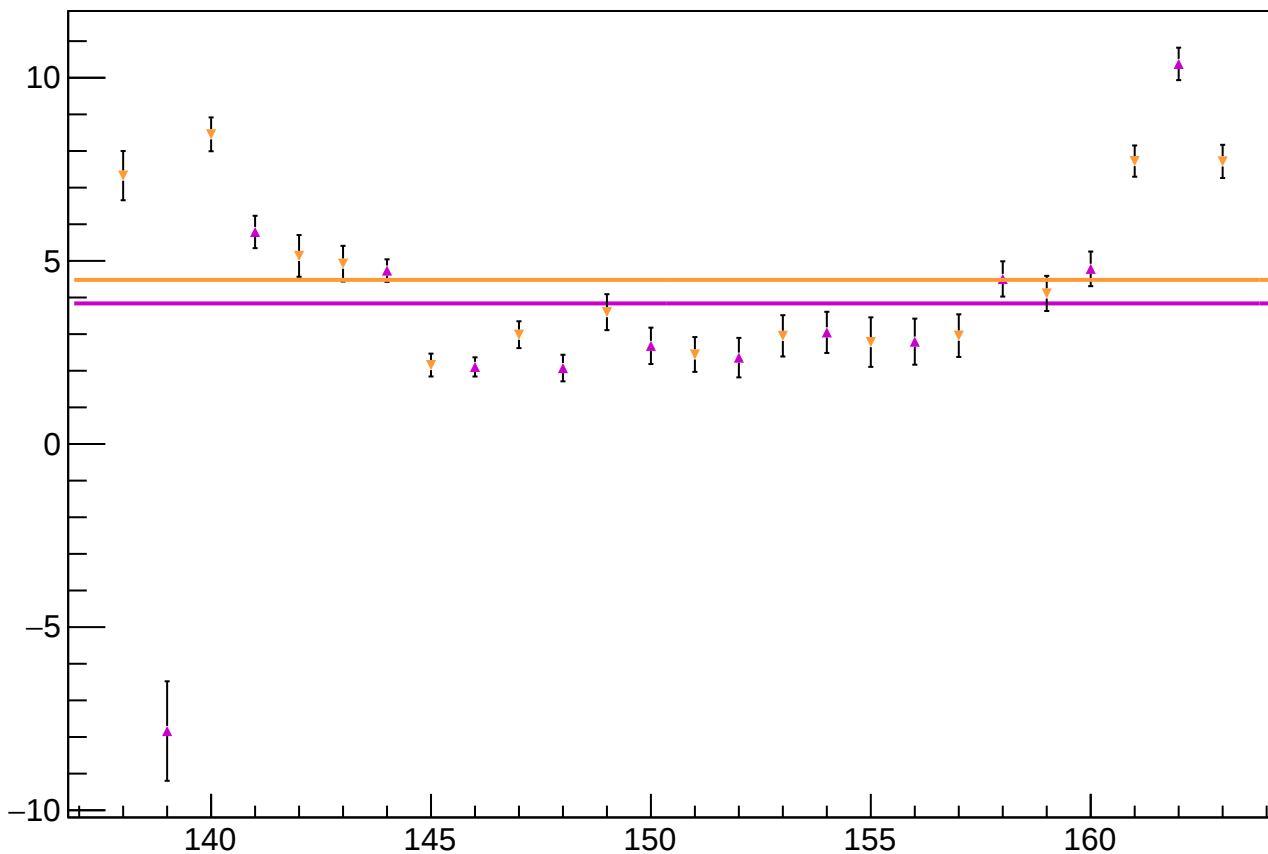
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.944+/-0.179 χ^2/NDF :1198.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.181 χ^2/NDF :1019.0/11

Left: -8.867+/-0.127 χ^2/NDF : 2290.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.181 χ^2/NDF :1019.0/11
 Out: -9.944+/-0.179 χ^2/NDF :1198.1/13
 All: -8.867+/-0.127 χ^2/NDF : 2290.4/25

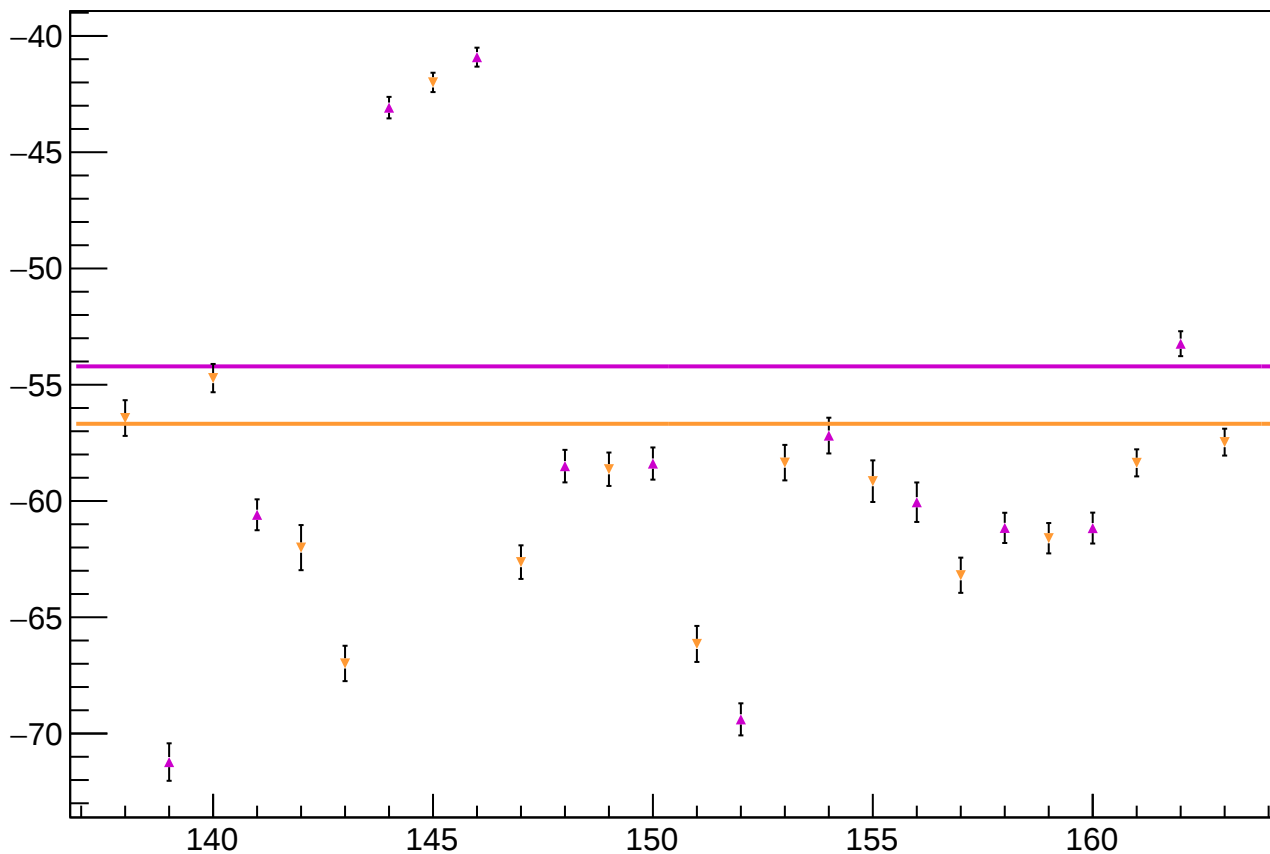
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.482 $\pm$ 0.125 χ^2 /NDF:317.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11

Left: 4.155 $\pm$ 0.088 χ^2 /NDF: 741.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11
 Out: 4.482 $\pm$ 0.125 χ^2 /NDF:317.8/13
 All: 4.155 $\pm$ 0.088 χ^2 /NDF: 741.9/25

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: -56.679+/-0.178 χ^2/NDF :1848.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Left: -55.436+/-0.126 χ^2/NDF : 4973.5/25

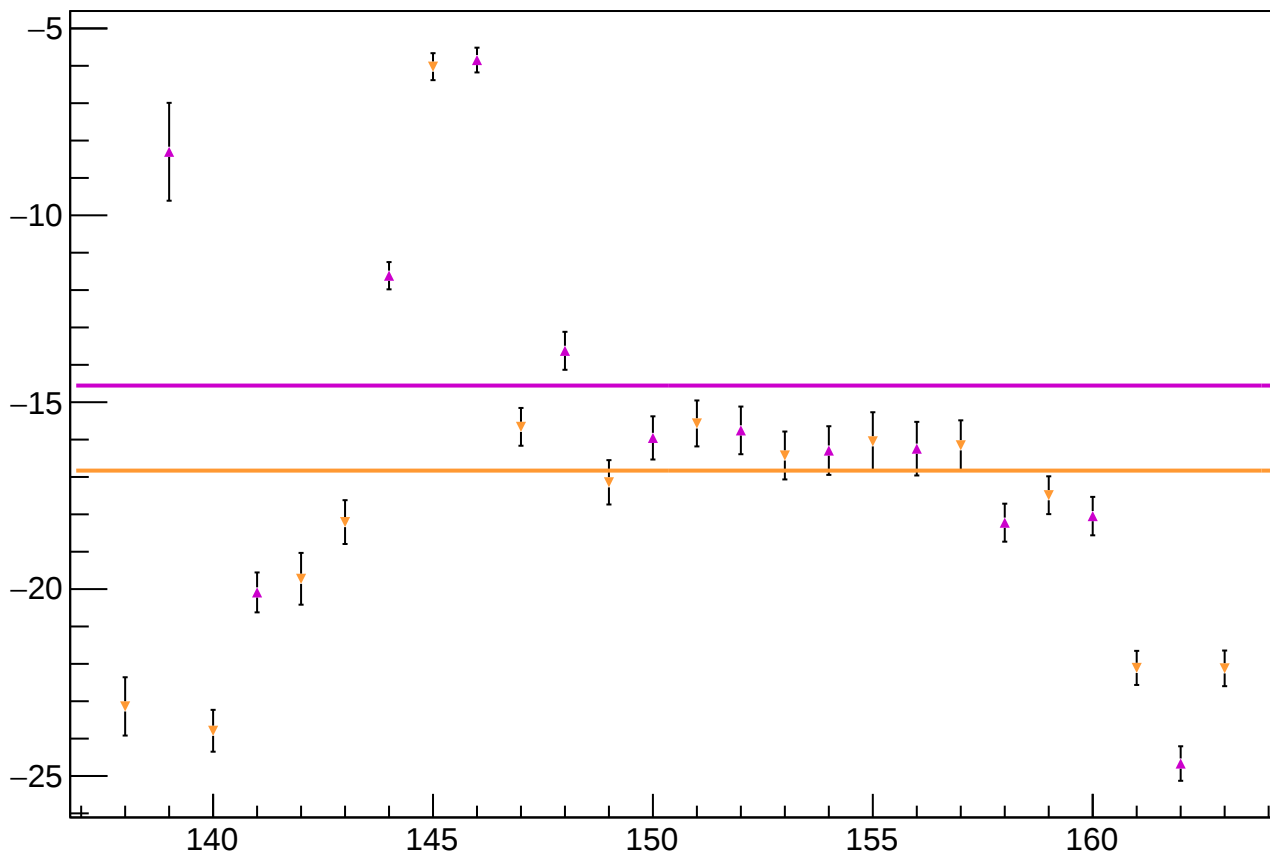
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Out: -56.679+/-0.178 χ^2/NDF :1848.4/13

All: -55.436+/-0.126 χ^2/NDF : 4973.5/25

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



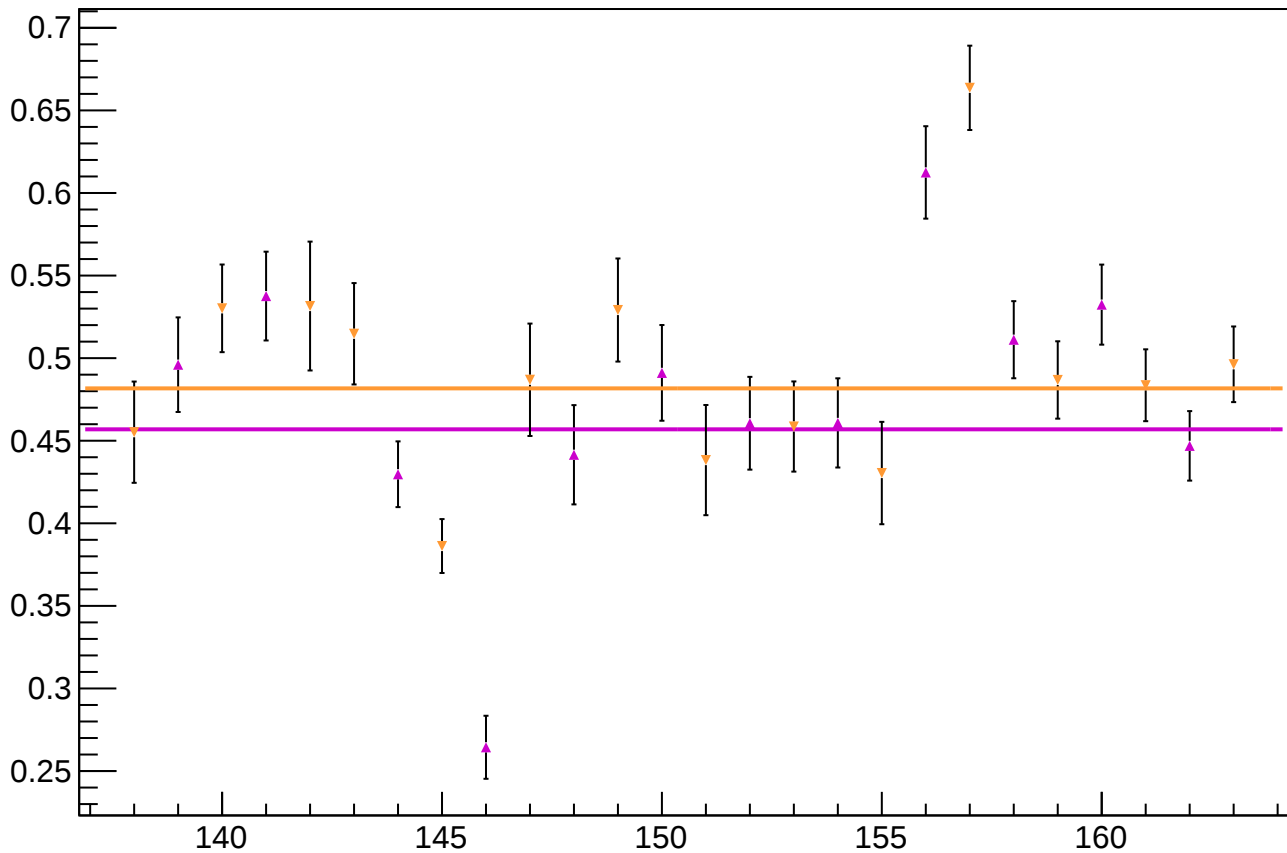
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -16.830 ± 0.147 $\chi^2/\text{NDF}: 1410.8/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.555 ± 0.146 $\chi^2/\text{NDF}: 1489.9/11$

Left: -15.688 ± 0.104 $\chi^2/\text{NDF}: 3021.1/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.555 ± 0.146 $\chi^2/\text{NDF}: 1489.9/11$
 Out: -16.830 ± 0.147 $\chi^2/\text{NDF}: 1410.8/13$

All: -15.688 ± 0.104 $\chi^2/\text{NDF}: 3021.1/25$

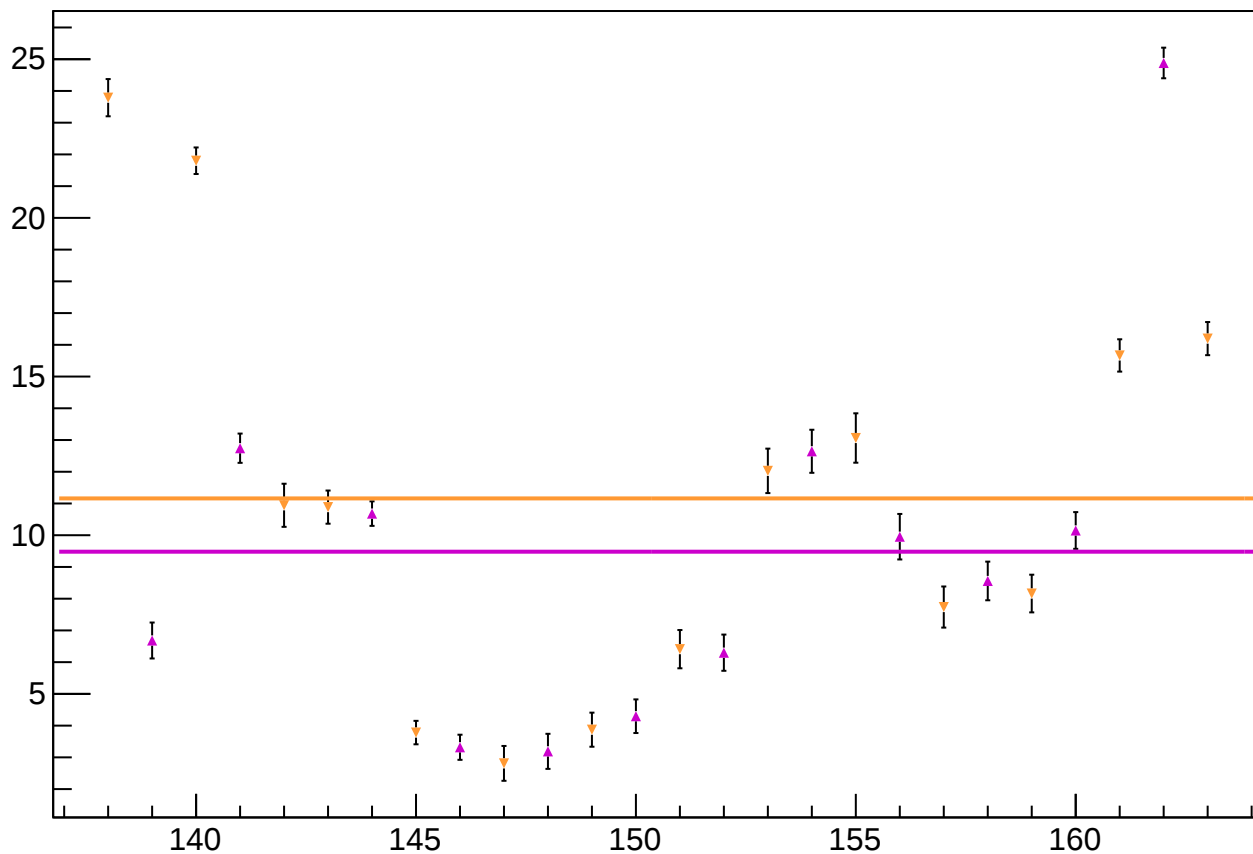
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.482 $\pm$ 0.007 χ^2 /NDF:99.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.457 $\pm$ 0.007 χ^2 /NDF:162.4/11

Left: 0.469 $\pm$ 0.005 χ^2 /NDF: 268.5/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.457 $\pm$ 0.007 χ^2 /NDF:162.4/11
 Out: 0.482 $\pm$ 0.007 χ^2 /NDF:99.8/13
 All: 0.469 $\pm$ 0.005 χ^2 /NDF: 268.5/25

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.160+/-0.145 χ^2/NDF :2219.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.481+/-0.149 χ^2/NDF :1628.9/11

Left: 10.346+/-0.104 χ^2/NDF : 3913.7/25

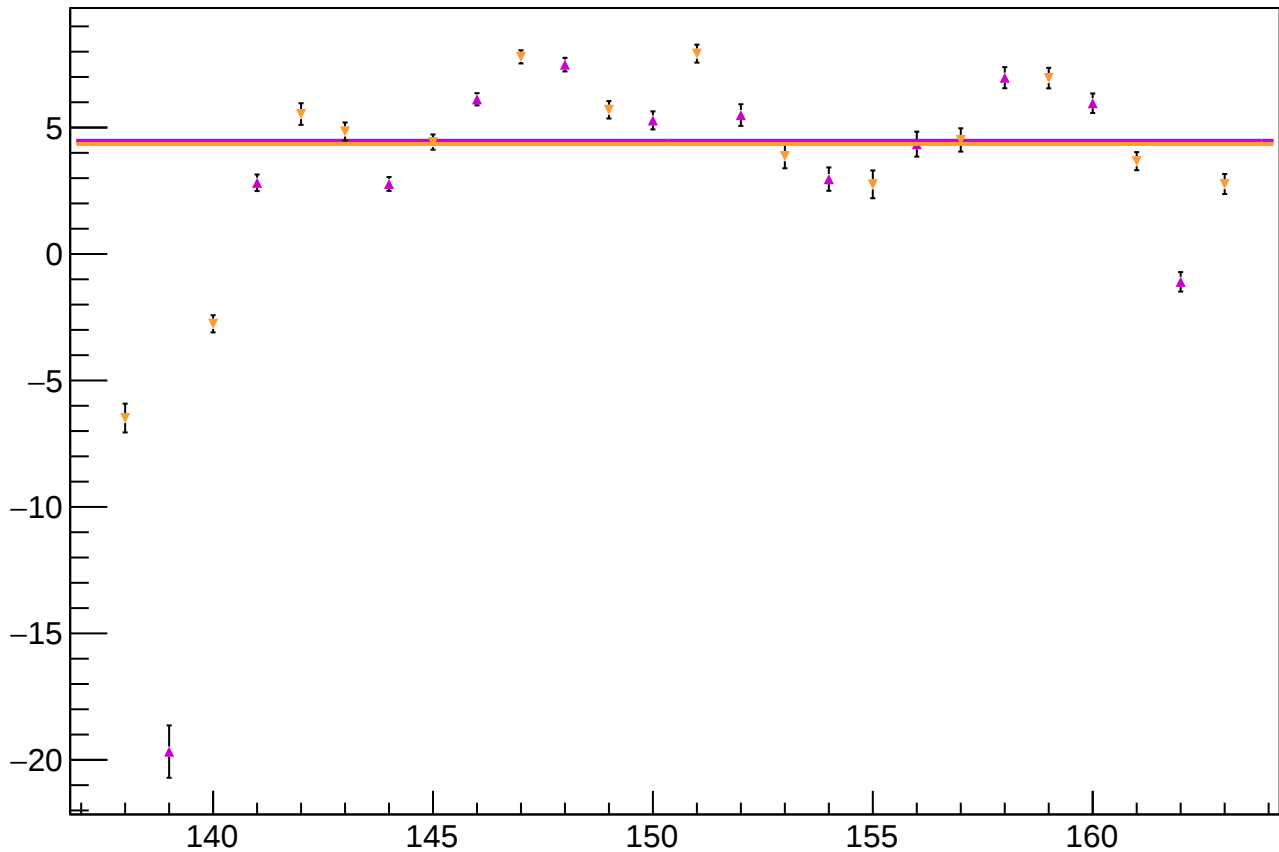
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.481+/-0.149 χ^2/NDF :1628.9/11

Out: 11.160+/-0.145 χ^2/NDF :2219.5/13

All: 10.346+/-0.104 χ^2/NDF : 3913.7/25

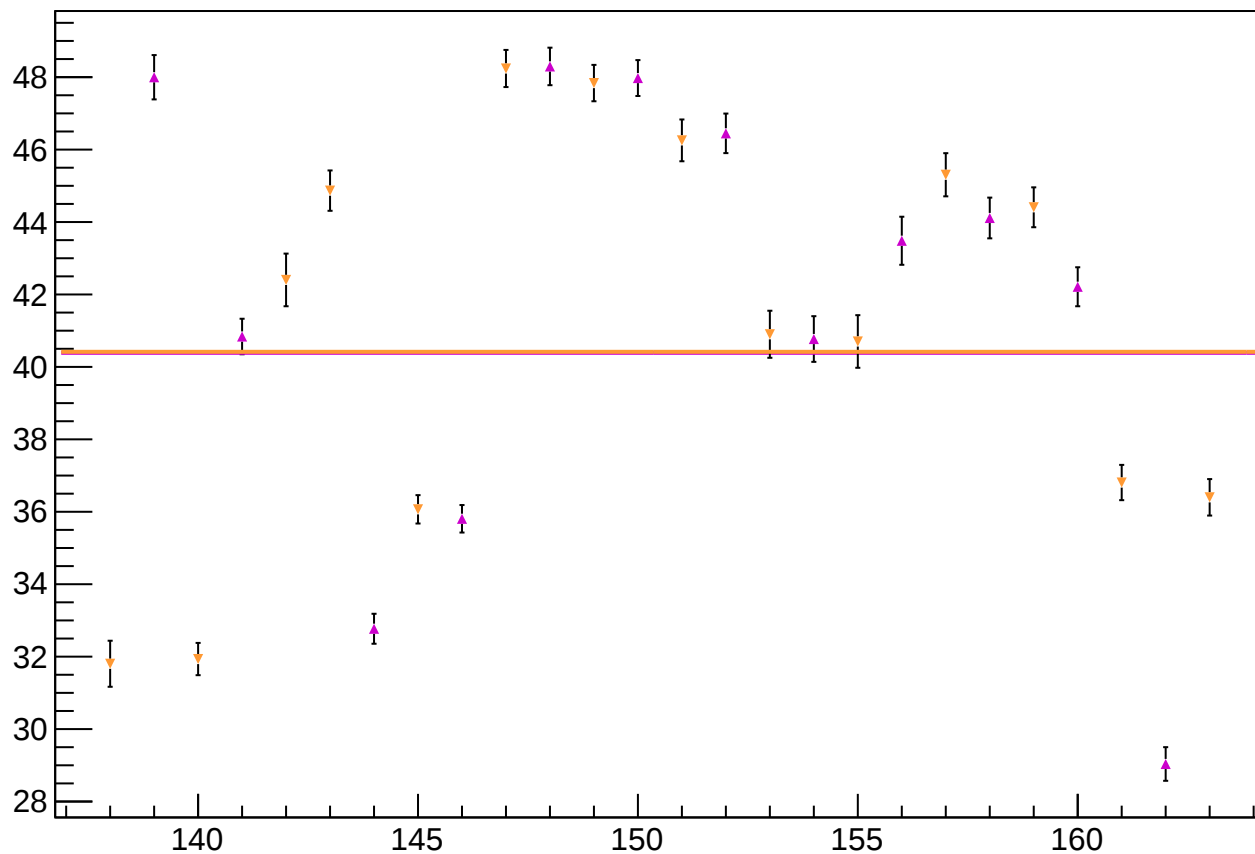
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.476+/-0.102 χ^2/NDF :1062.0/11

Left: 4.414+/-0.071 χ^2/NDF : 2234.7/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.476+/-0.102 χ^2/NDF :1062.0/11
 Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 All: 4.414+/-0.071 χ^2/NDF : 2234.7/25

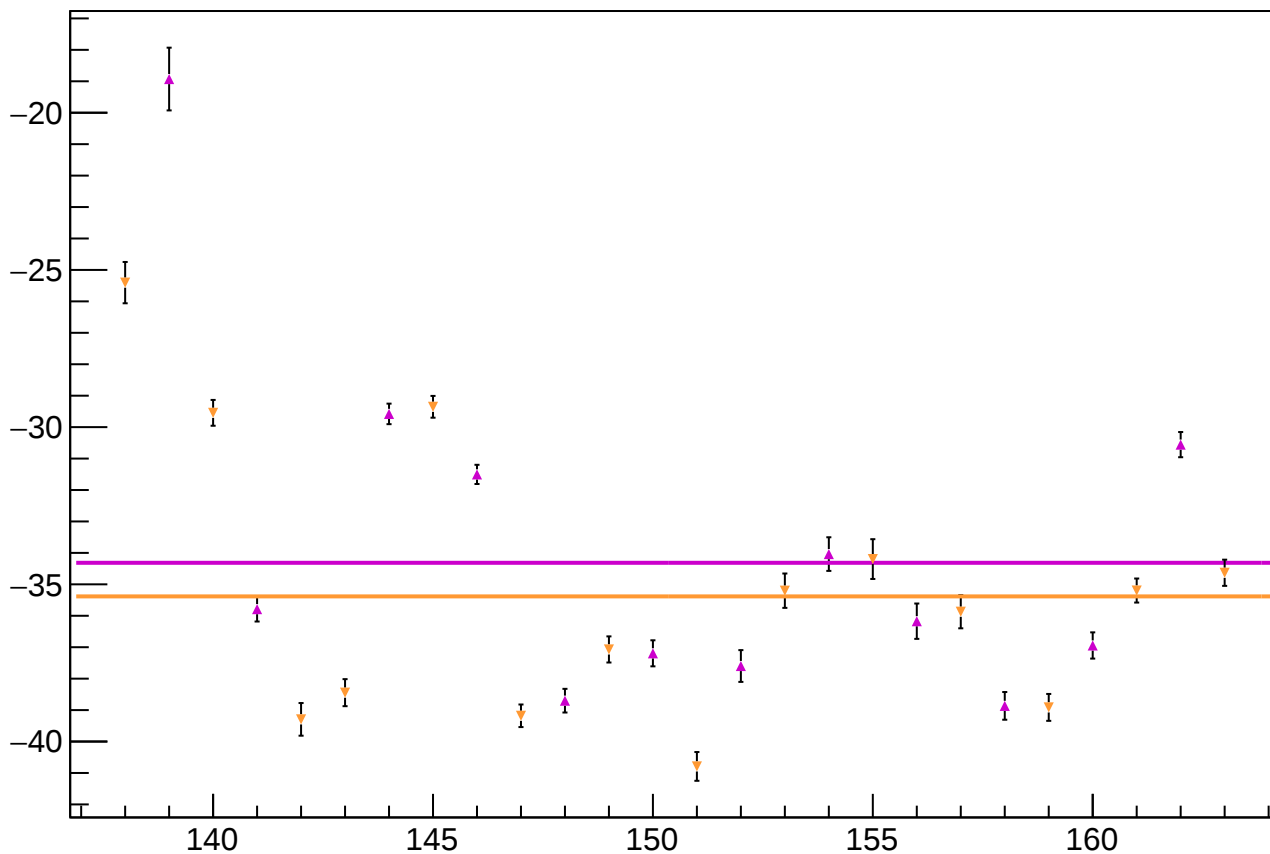
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.417+/-0.144 χ^2/NDF :1533.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.389+/-0.146 χ^2/NDF :1905.8/11

Left: 40.403+/-0.102 χ^2/NDF : 3439.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.389+/-0.146 χ^2/NDF :1905.8/11
 Out: 40.417+/-0.144 χ^2/NDF :1533.3/13
 All: 40.403+/-0.102 χ^2/NDF : 3439.1/25

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: -35.384+/-0.118 χ^2/NDF :1187.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.315+/-0.121 χ^2/NDF :1019.0/11

Left: -34.862+/-0.085 χ^2/NDF : 2246.2/25

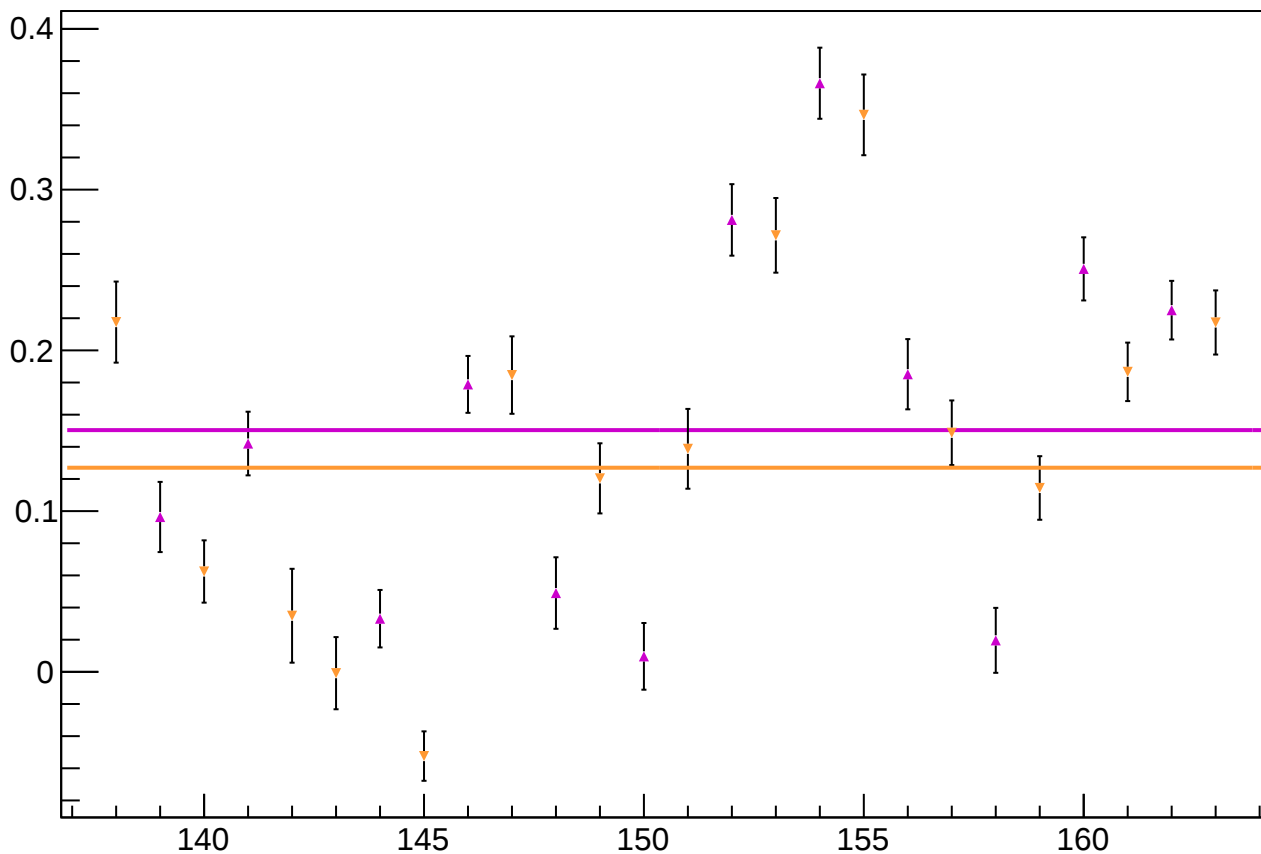
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.315+/-0.121 χ^2/NDF :1019.0/11

Out: -35.384+/-0.118 χ^2/NDF :1187.4/13

All: -34.862+/-0.085 χ^2/NDF : 2246.2/25

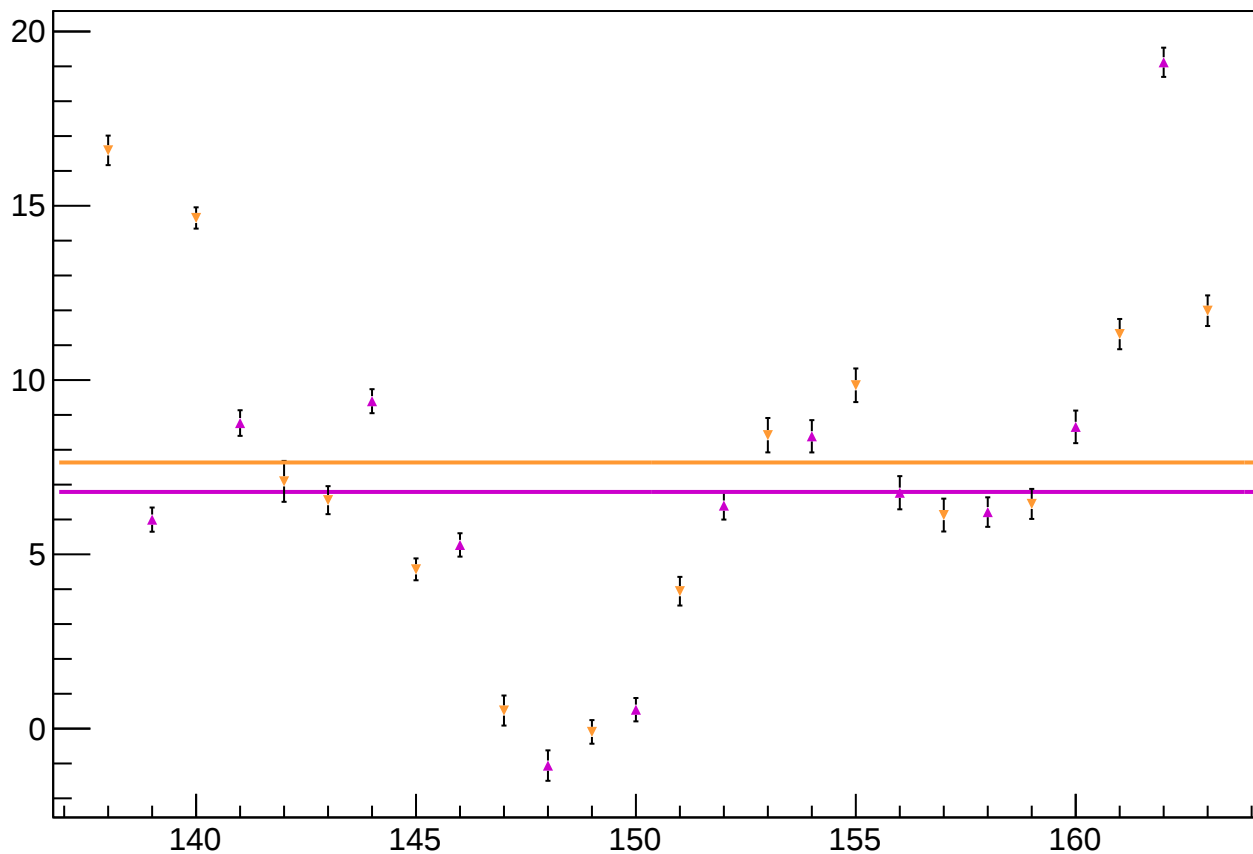
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.127+/-0.006 χ^2/NDF :356.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.150+/-0.006 χ^2/NDF :335.8/11

Left: 0.138+/-0.004 χ^2/NDF : 700.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.150+/-0.006 χ^2/NDF :335.8/11
 Out: 0.127+/-0.006 χ^2/NDF :356.4/13
 All: 0.138+/-0.004 χ^2/NDF : 700.5/25

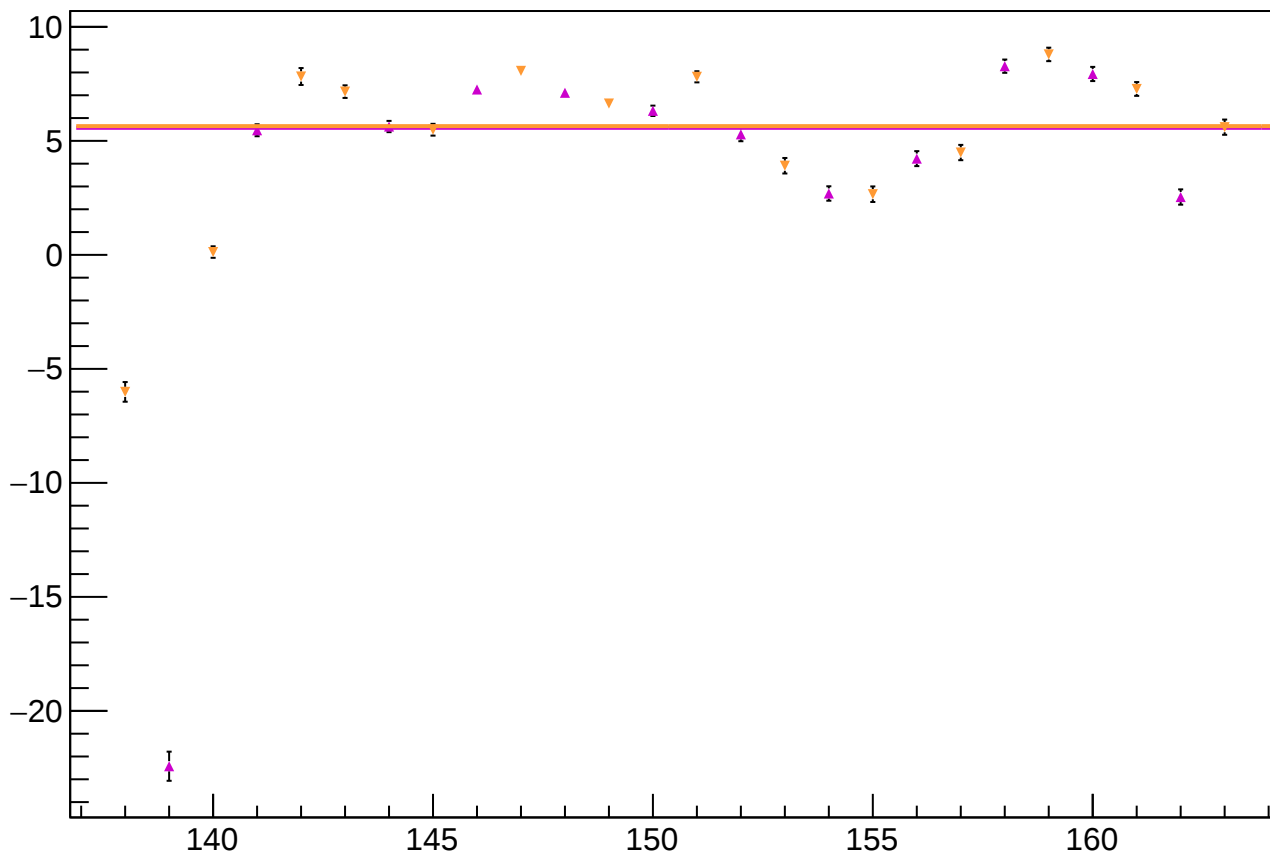
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.790+/-0.113 χ^2/NDF :1677.3/11

Left: 7.229+/-0.078 χ^2/NDF : 3869.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.790+/-0.113 χ^2/NDF :1677.3/11
 Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 All: 7.229+/-0.078 χ^2/NDF : 3869.0/25

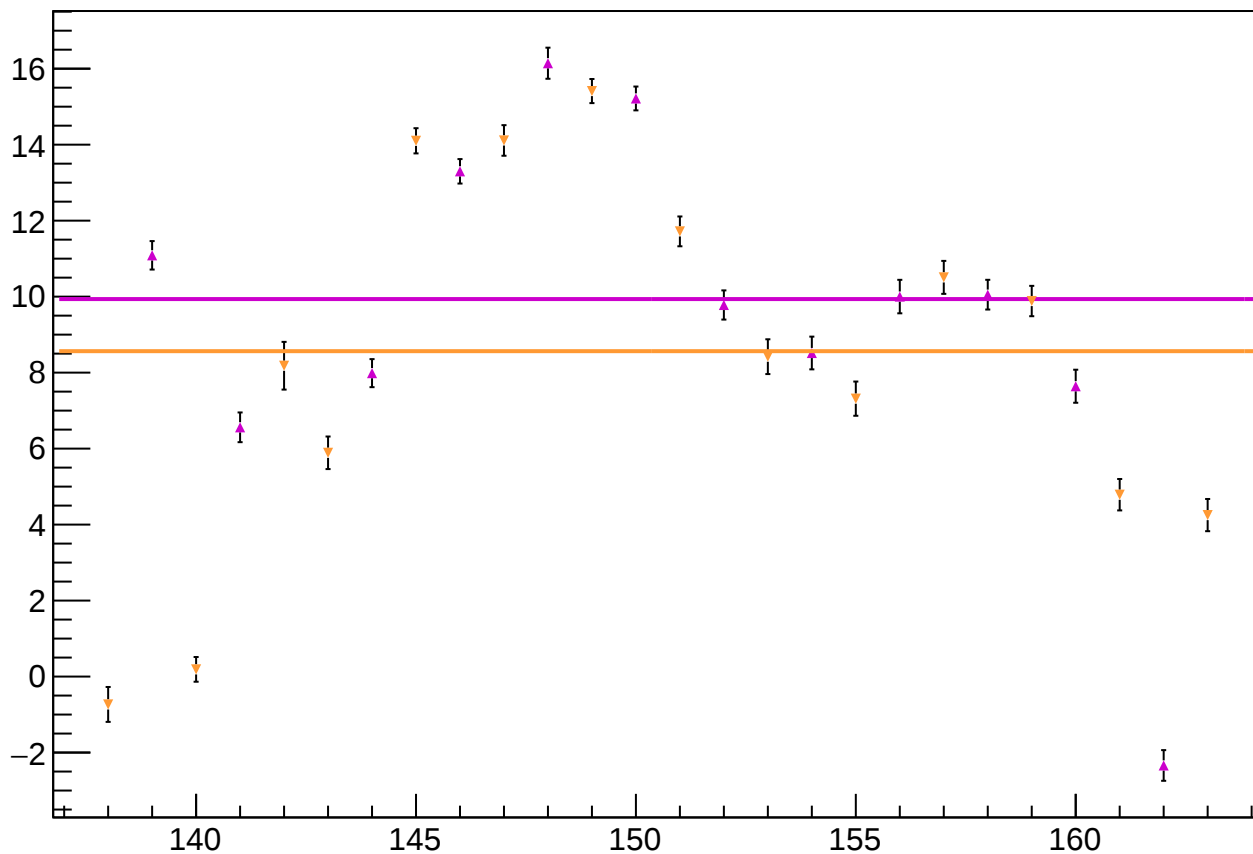
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.573 $\pm$ 0.080 χ^2 /NDF:2370.1/11

Left: 5.611 $\pm$ 0.055 χ^2 /NDF: 4134.8/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.573 $\pm$ 0.080 χ^2 /NDF:2370.1/11
 Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 All: 5.611 $\pm$ 0.055 χ^2 /NDF: 4134.8/25

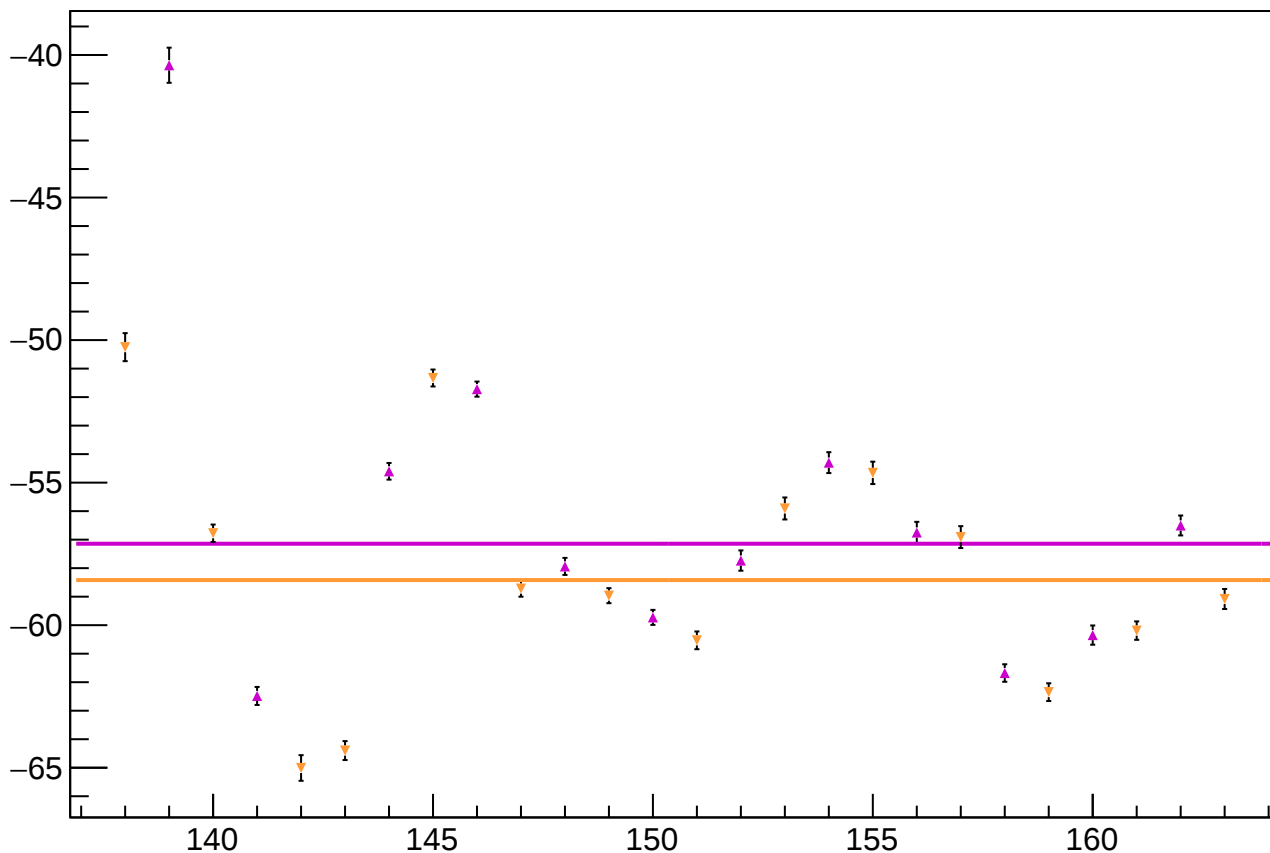
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.936+/-0.110 χ^2/NDF :1698.0/11

Left: 9.232+/-0.077 χ^2/NDF : 4114.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.936+/-0.110 χ^2/NDF :1698.0/11
 Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 All: 9.232+/-0.077 χ^2/NDF : 4114.0/25

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



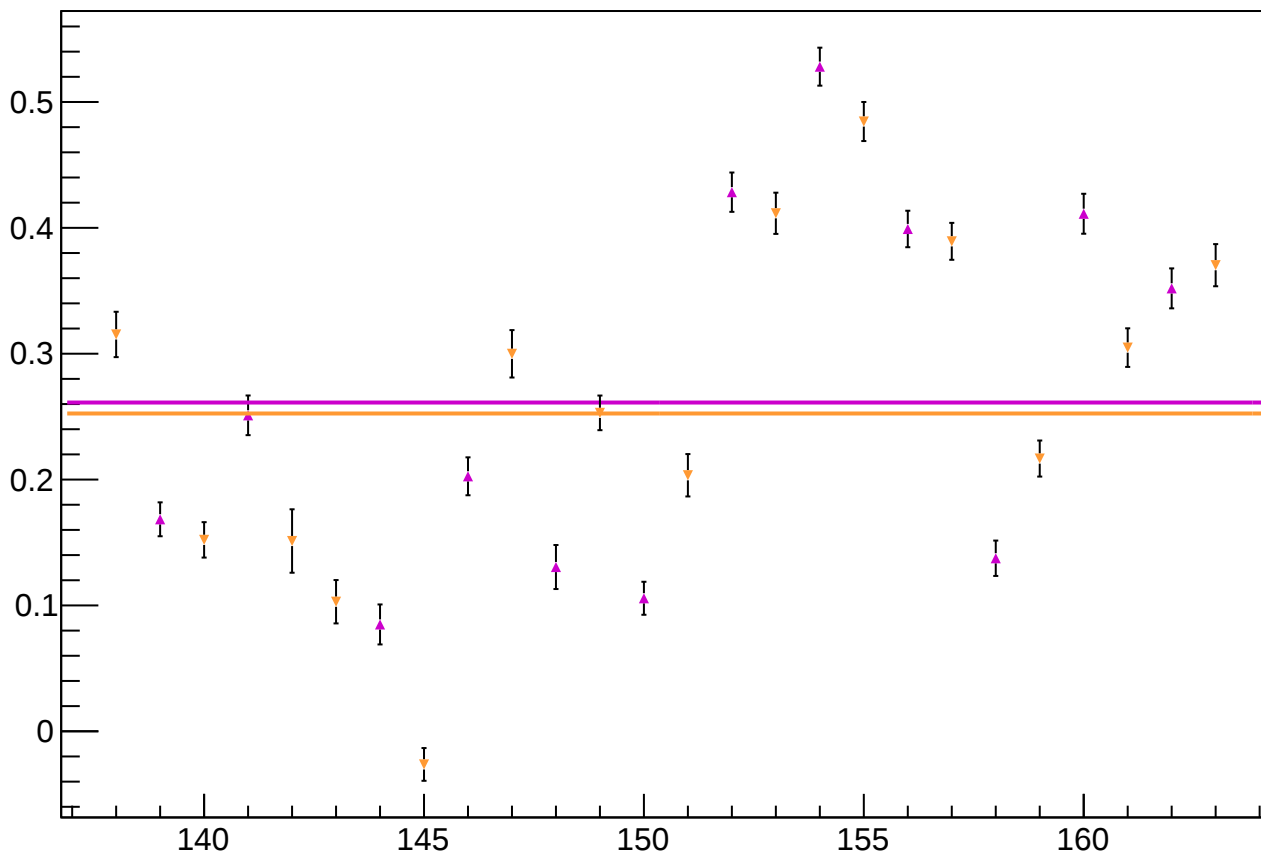
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.418+/-0.089 χ^2/NDF :1808.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.143+/-0.094 χ^2/NDF :2000.9/11

Left: -57.810+/-0.065 χ^2/NDF : 3906.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.143+/-0.094 χ^2/NDF :2000.9/11
 Out: -58.418+/-0.089 χ^2/NDF :1808.0/13

All: -57.810+/-0.065 χ^2/NDF : 3906.1/25

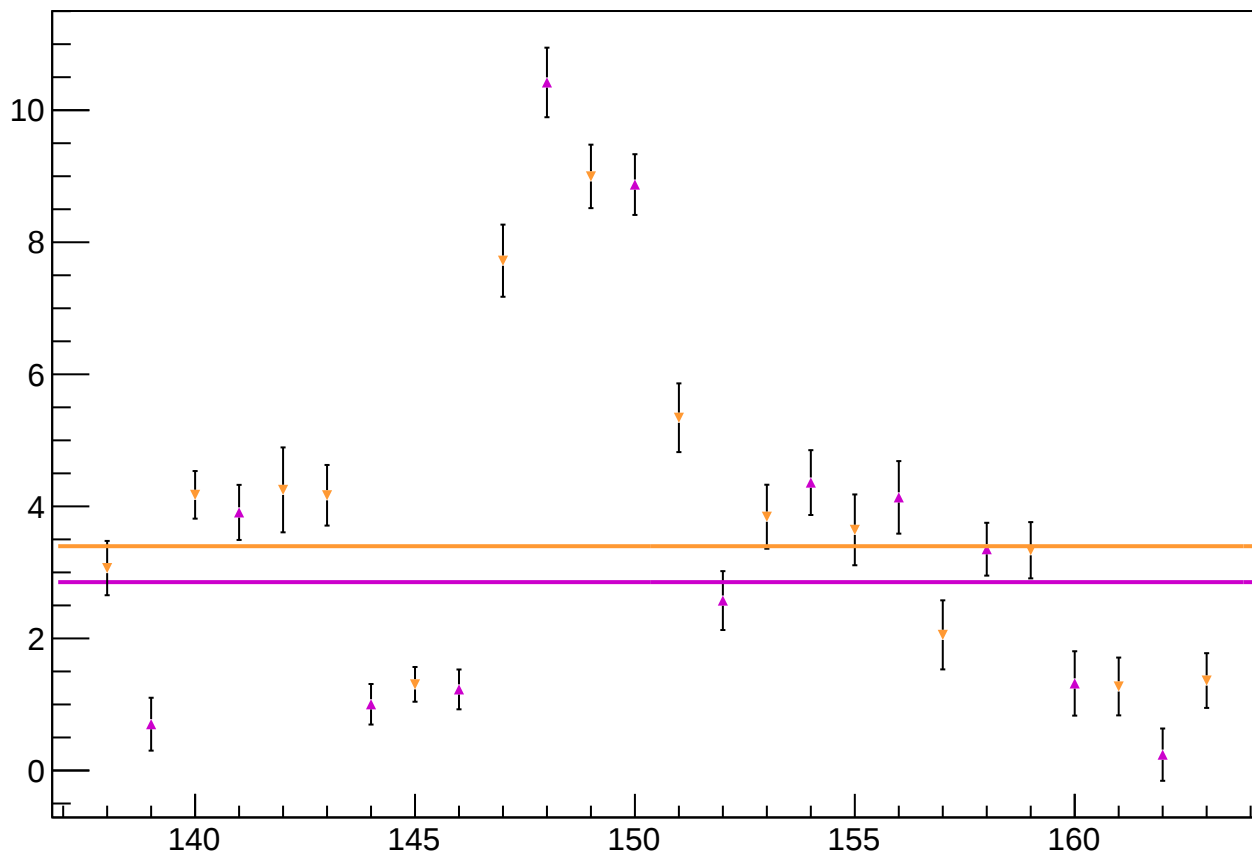
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.252+/-0.004 χ^2/NDF :1100.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.261+/-0.004 χ^2/NDF :1100.0/11

Left: 0.257+/-0.003 χ^2/NDF : 2203.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.261+/-0.004 χ^2/NDF :1100.0/11
 Out: 0.252+/-0.004 χ^2/NDF :1100.9/13
 All: 0.257+/-0.003 χ^2/NDF : 2203.0/25

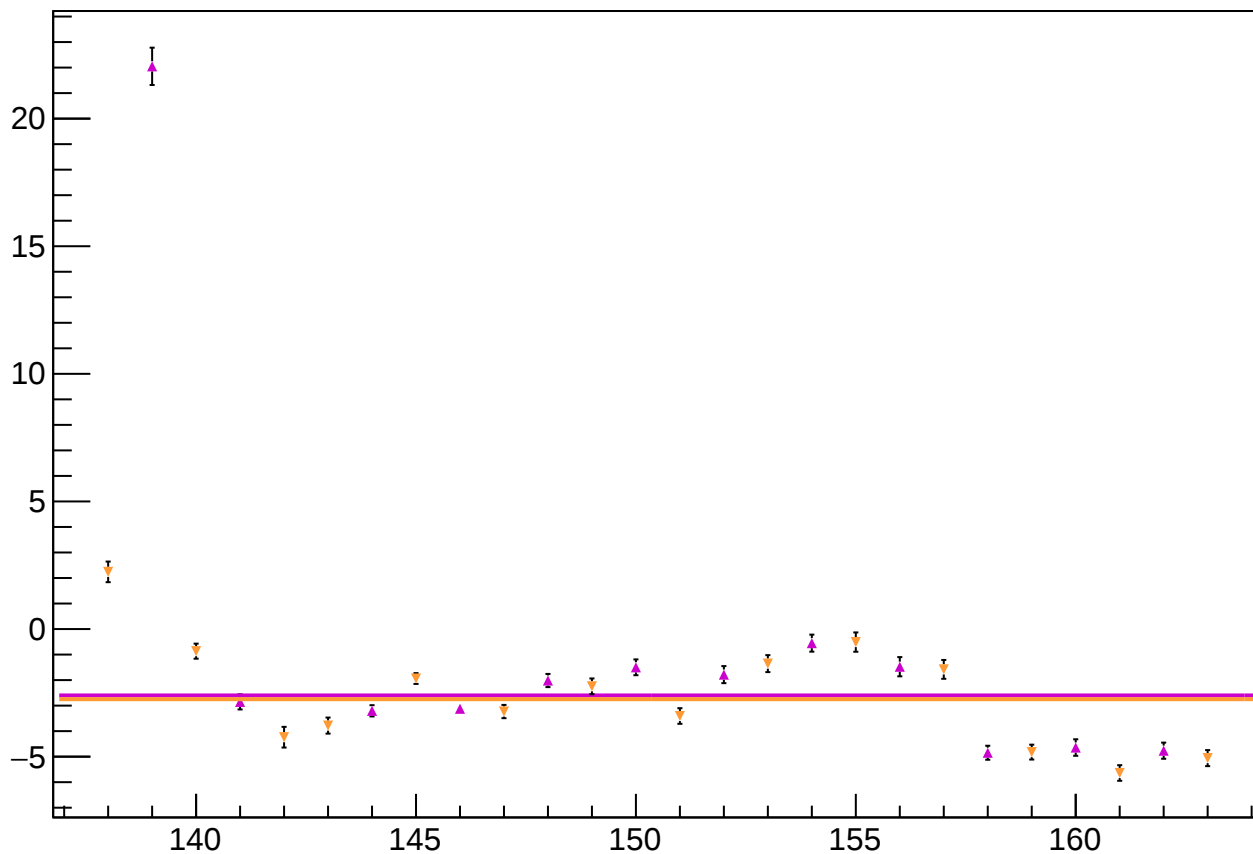
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.853+/-0.118 χ^2/NDF :548.8/11

Left: 3.131+/-0.083 χ^2/NDF : 900.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.853+/-0.118 χ^2/NDF :548.8/11
 Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 All: 3.131+/-0.083 χ^2/NDF : 900.4/25

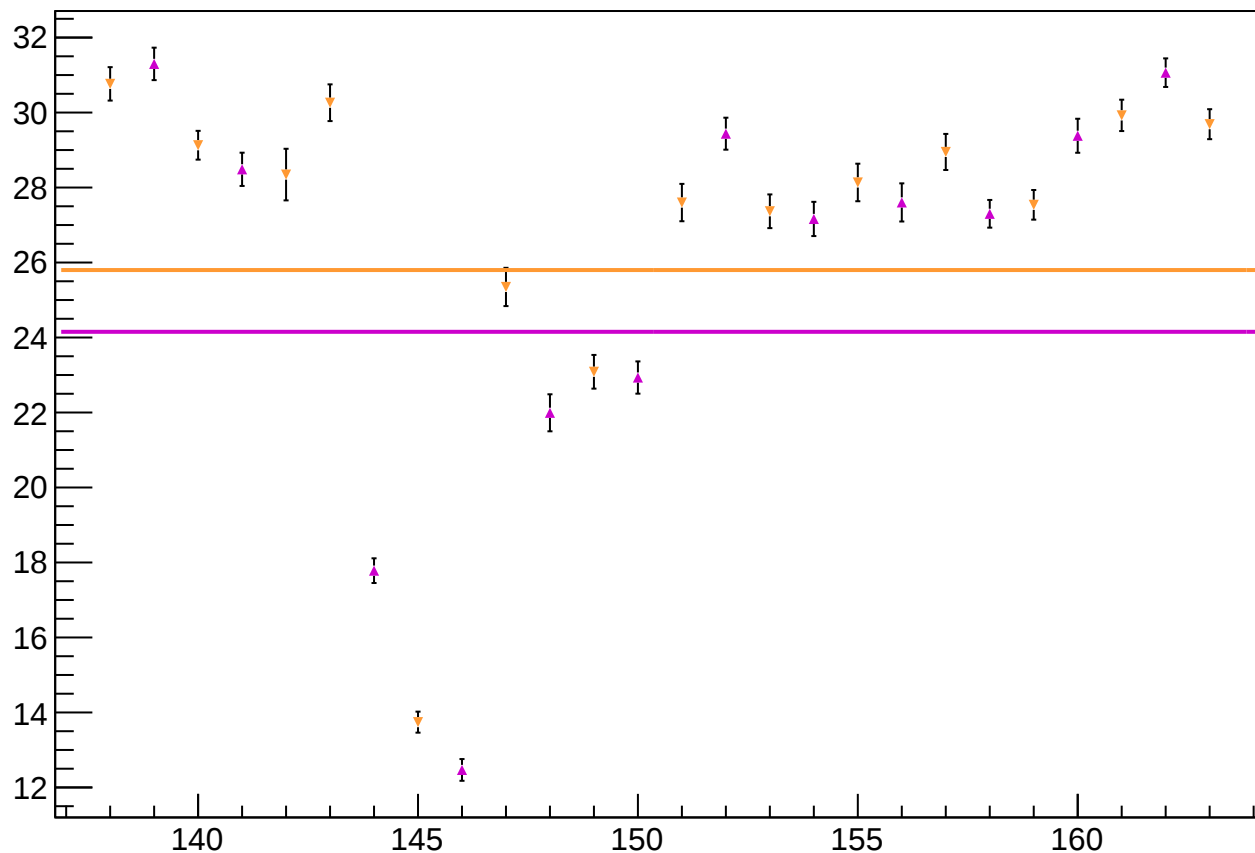
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.748 $\pm$ 0.082 χ^2 /NDF:499.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.602 $\pm$ 0.083 χ^2 /NDF:1376.4/11

Left: -2.676 $\pm$ 0.059 χ^2 /NDF: 1877.4/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.602 $\pm$ 0.083 χ^2 /NDF:1376.4/11
 Out: -2.748 $\pm$ 0.082 χ^2 /NDF:499.4/13
 All: -2.676 $\pm$ 0.059 χ^2 /NDF: 1877.4/25

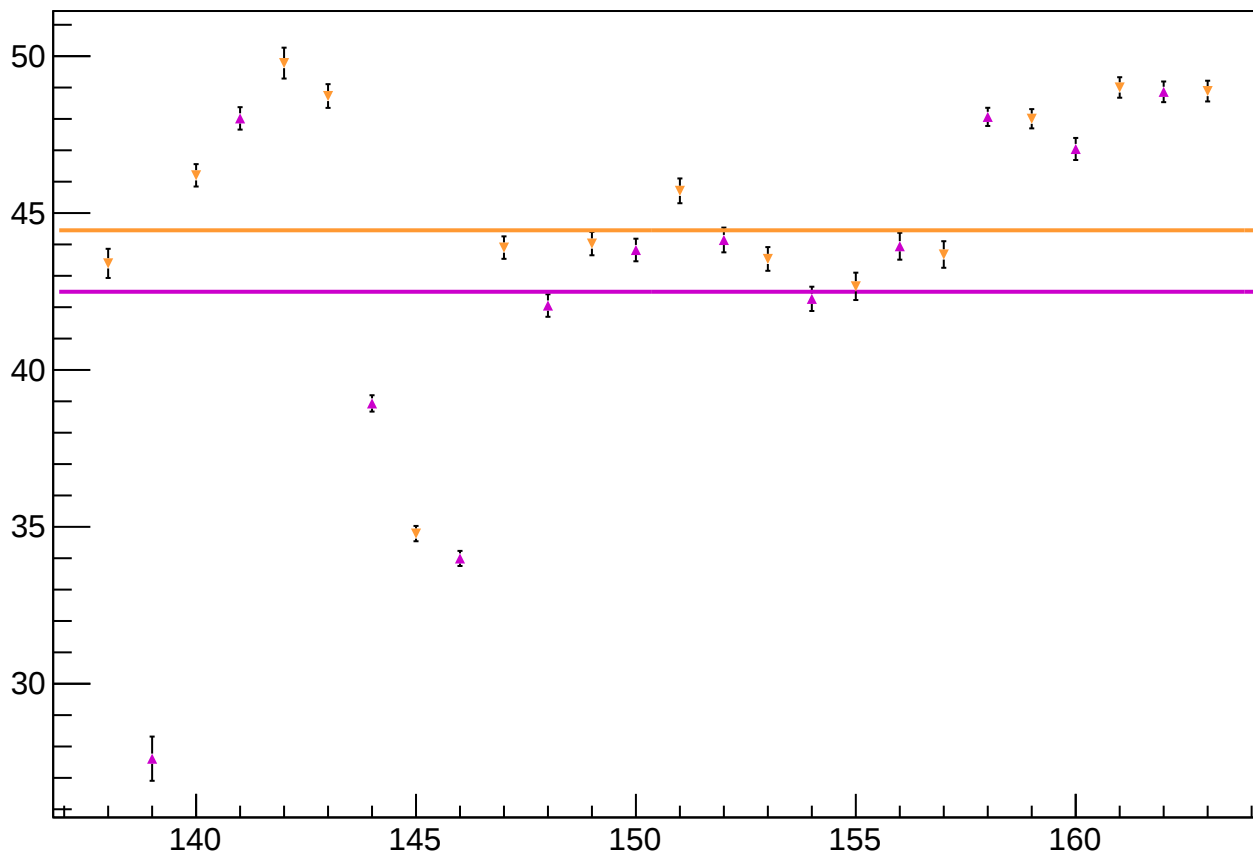
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.152+/-0.116 χ^2/NDF :3169.6/11

Left: 24.981+/-0.082 χ^2/NDF : 5755.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.152+/-0.116 χ^2/NDF :3169.6/11
 Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 All: 24.981+/-0.082 χ^2/NDF : 5755.3/25

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 44.450+/-0.096 χ^2/NDF :2392.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.492+/-0.098 χ^2/NDF :3076.5/11

Left: 43.488+/-0.068 χ^2/NDF : 5674.0/25

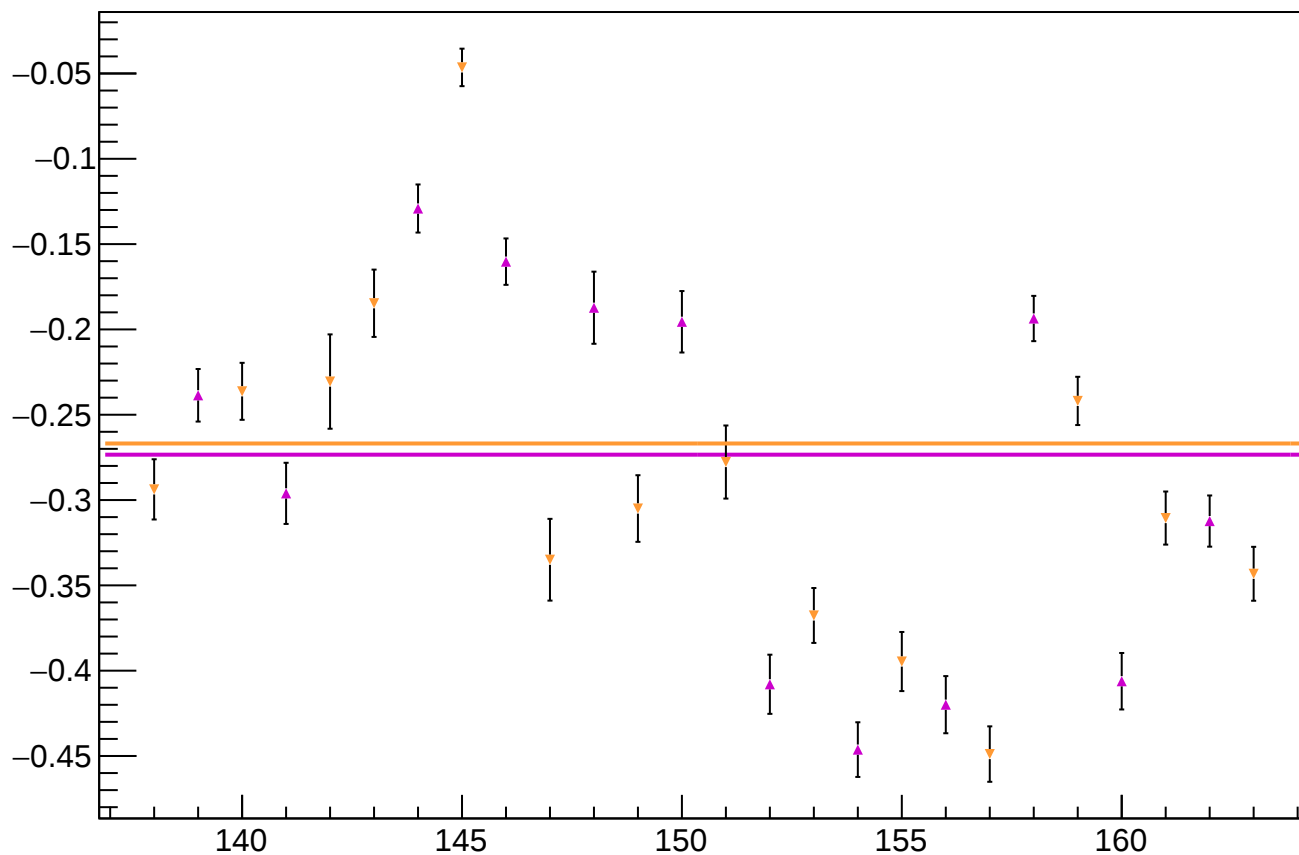
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.492+/-0.098 χ^2/NDF :3076.5/11

Out: 44.450+/-0.096 χ^2/NDF :2392.5/13

All: 43.488+/-0.068 χ^2/NDF : 5674.0/25

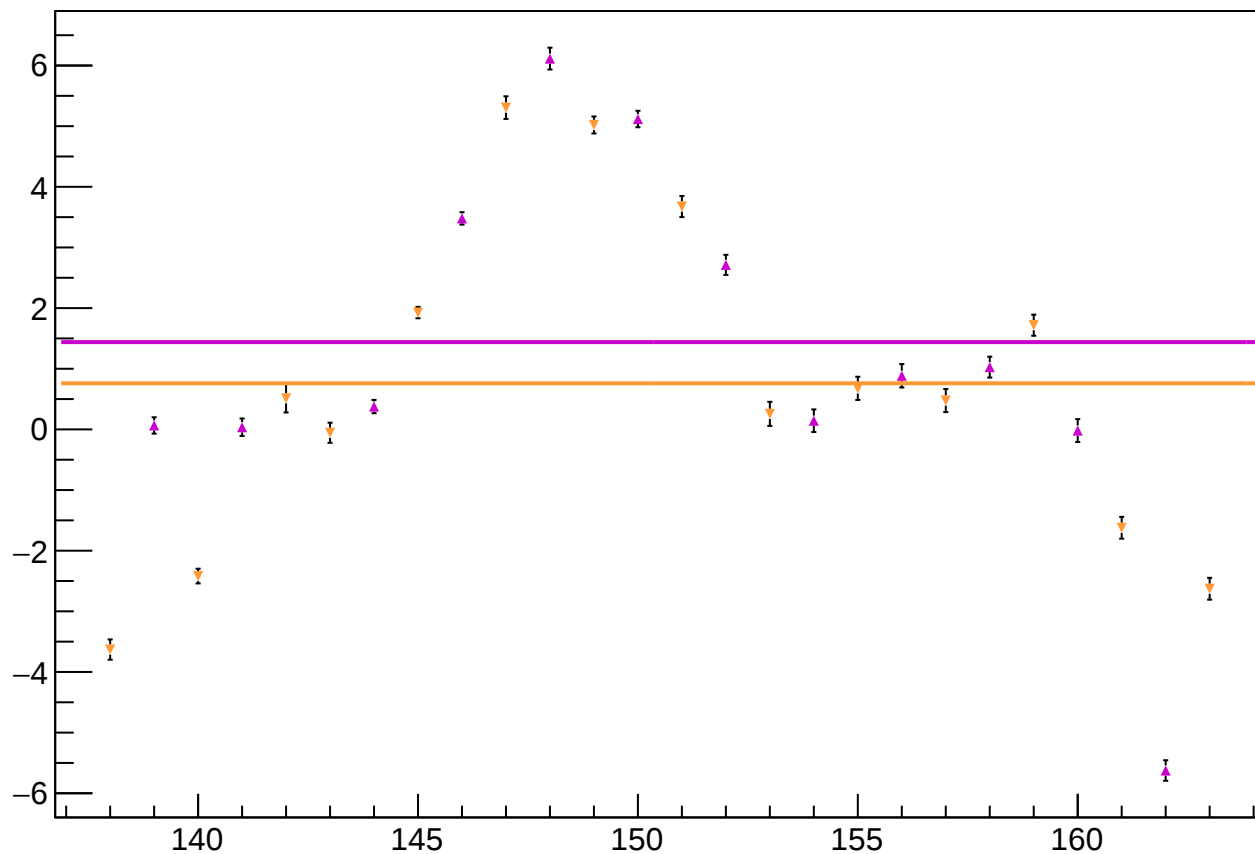
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.273+/-0.005 χ^2/NDF : 576.4/11

Left: -0.270+/-0.003 χ^2/NDF : 1270.6/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.273+/-0.005 χ^2/NDF : 576.4/11
 Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 All: -0.270+/-0.003 χ^2/NDF : 1270.6/25

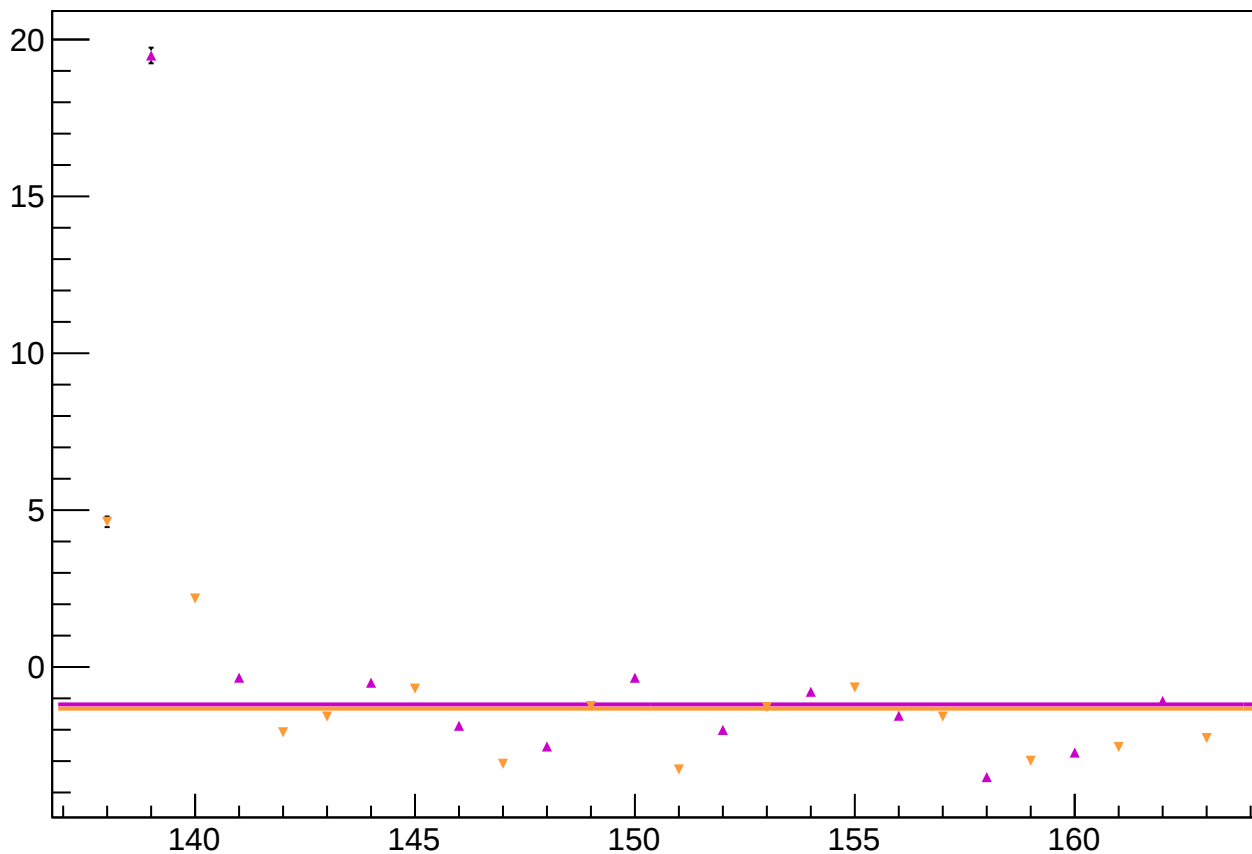
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.439 $\pm$ 0.042 χ^2 /NDF:4013.9/11

Left: 1.099 $\pm$ 0.030 χ^2 /NDF: 8066.6/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.439 $\pm$ 0.042 χ^2 /NDF:4013.9/11
 Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 All: 1.099 $\pm$ 0.030 χ^2 /NDF: 8066.6/25

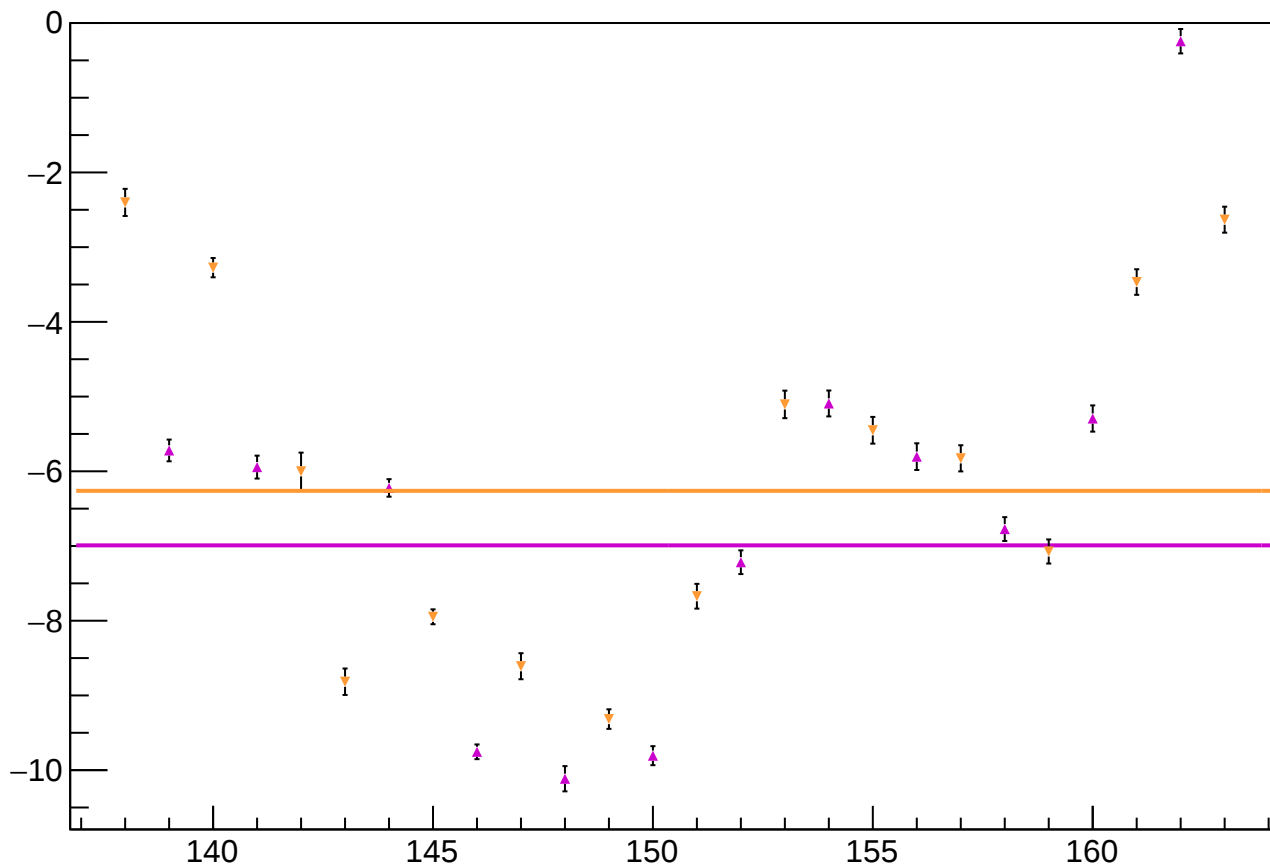
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.328 ± 0.030 $\chi^2/\text{NDF}: 3675.1/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -1.193 ± 0.030 $\chi^2/\text{NDF}: 8044.9/11$

Left: -1.260 ± 0.021 $\chi^2/\text{NDF}: 11730.1/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -1.193 ± 0.030 $\chi^2/\text{NDF}: 8044.9/11$
 Out: -1.328 ± 0.030 $\chi^2/\text{NDF}: 3675.1/13$
 All: -1.260 ± 0.021 $\chi^2/\text{NDF}: 11730.1/25$

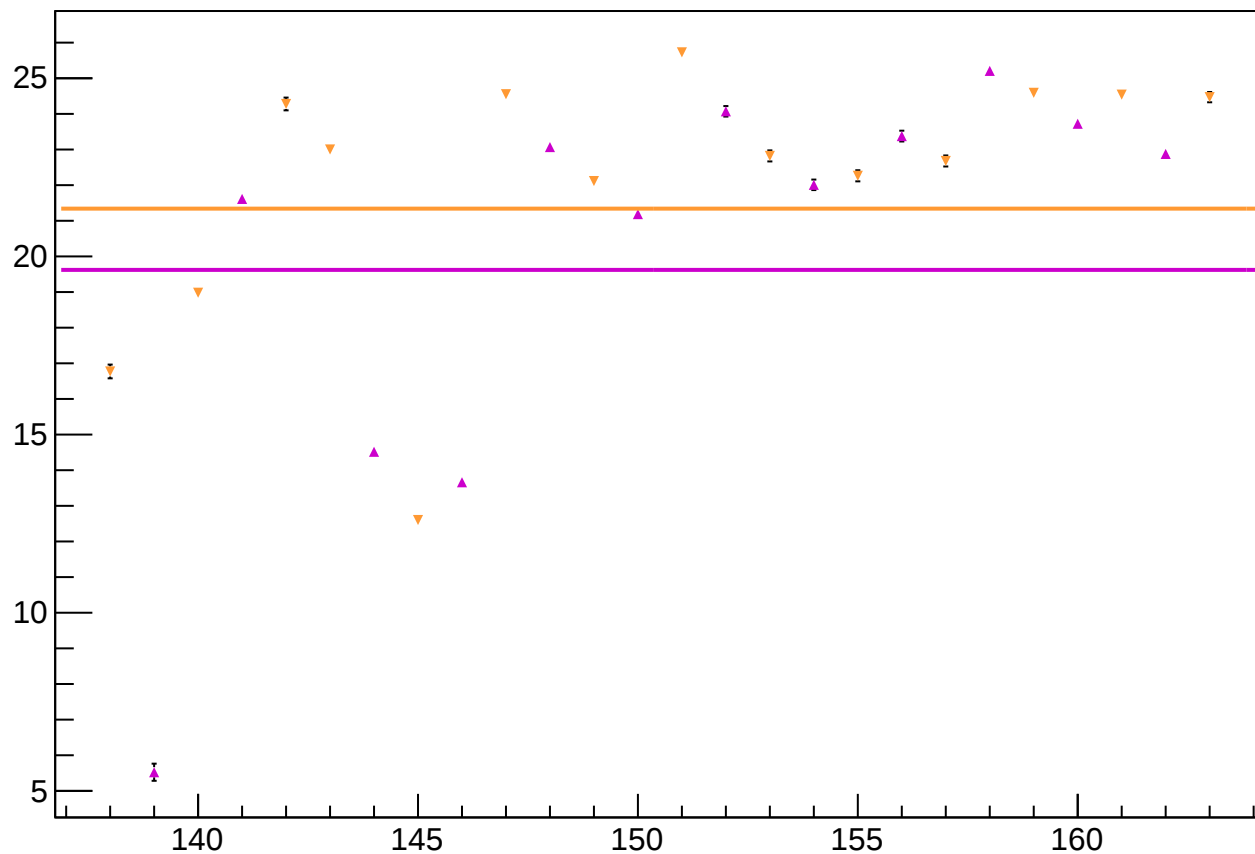
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.262+/-0.042 χ^2/NDF : 3075.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.991+/-0.042 χ^2/NDF : 3755.5/11

Left: -6.630+/-0.030 χ^2/NDF : 6983.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.991+/-0.042 χ^2/NDF : 3755.5/11
 Out: -6.262+/-0.042 χ^2/NDF : 3075.8/13
 All: -6.630+/-0.030 χ^2/NDF : 6983.4/25

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 21.341 $\pm$ 0.035 χ^2/NDF :14924.9/13

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 19.622 $\pm$ 0.035 χ^2/NDF :18181.3/11

Left: 20.485 $\pm$ 0.025 χ^2/NDF : 34298.0/25

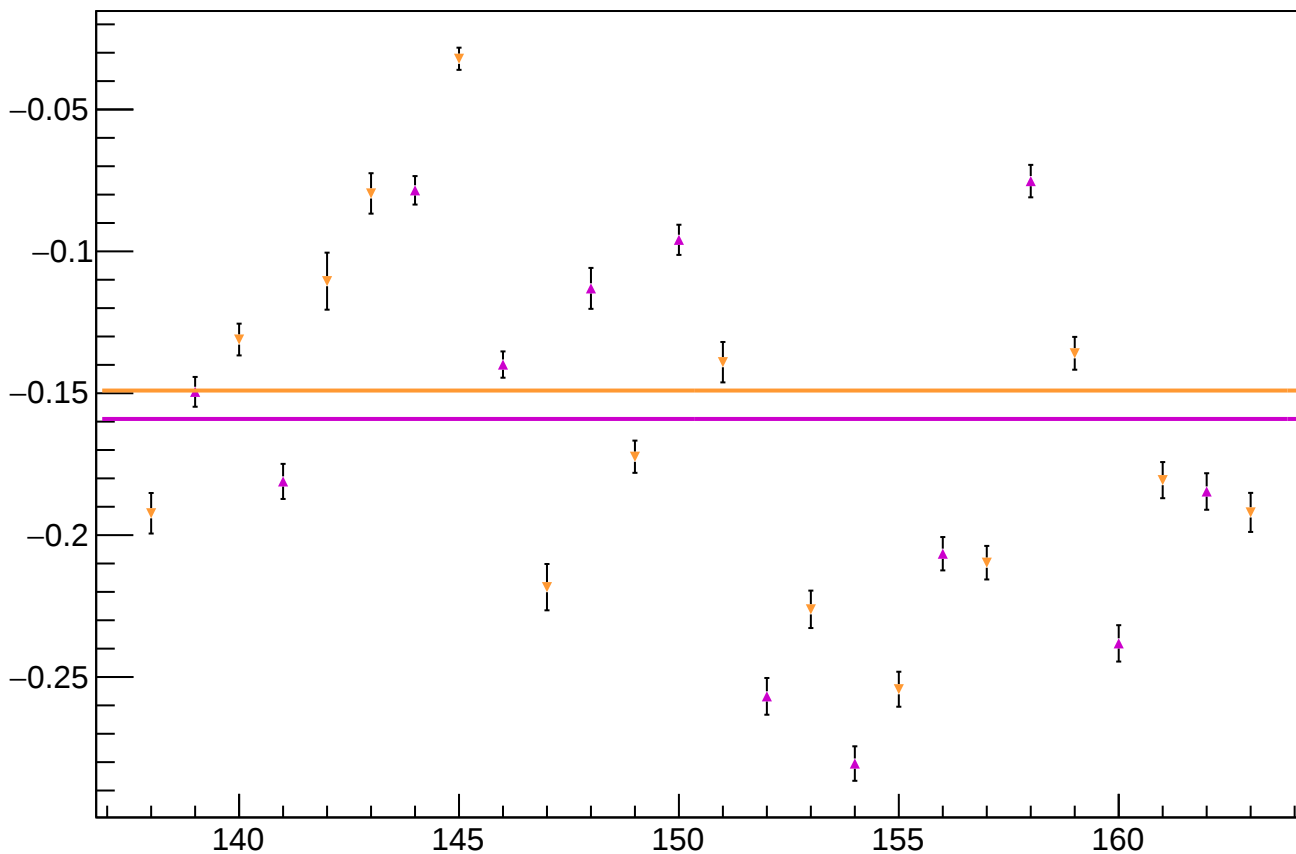
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 19.622 $\pm$ 0.035 χ^2/NDF :18181.3/11

Out: 21.341 $\pm$ 0.035 χ^2/NDF :14924.9/13

All: 20.485 $\pm$ 0.025 χ^2/NDF : 34298.0/25

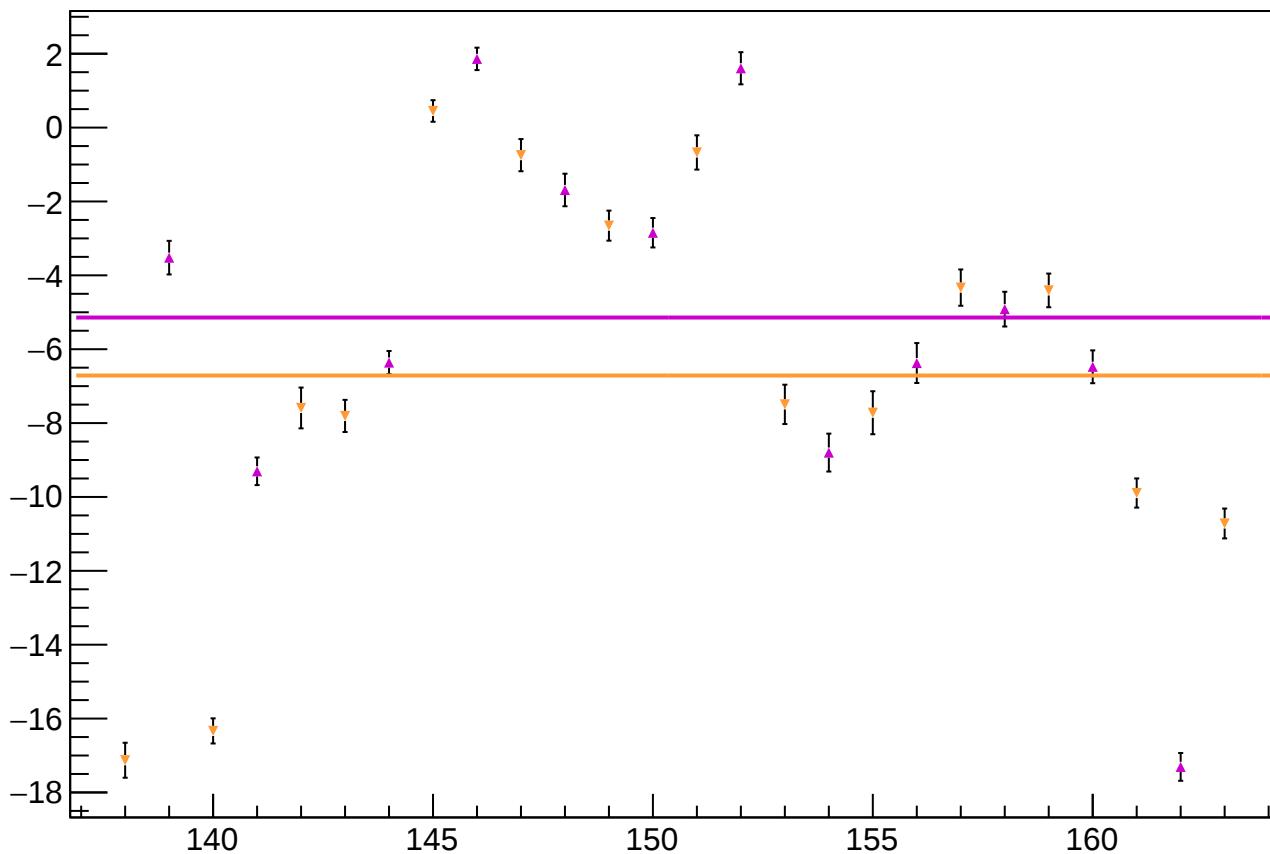
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.149 $\pm$ 0.002 χ^2 /NDF:1744.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.159 $\pm$ 0.002 χ^2 /NDF:1547.5/11

Left: -0.154 $\pm$ 0.001 χ^2 /NDF: 3310.5/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.159 $\pm$ 0.002 χ^2 /NDF:1547.5/11
 Out: -0.149 $\pm$ 0.002 χ^2 /NDF:1744.7/13
 All: -0.154 $\pm$ 0.001 χ^2 /NDF: 3310.5/25

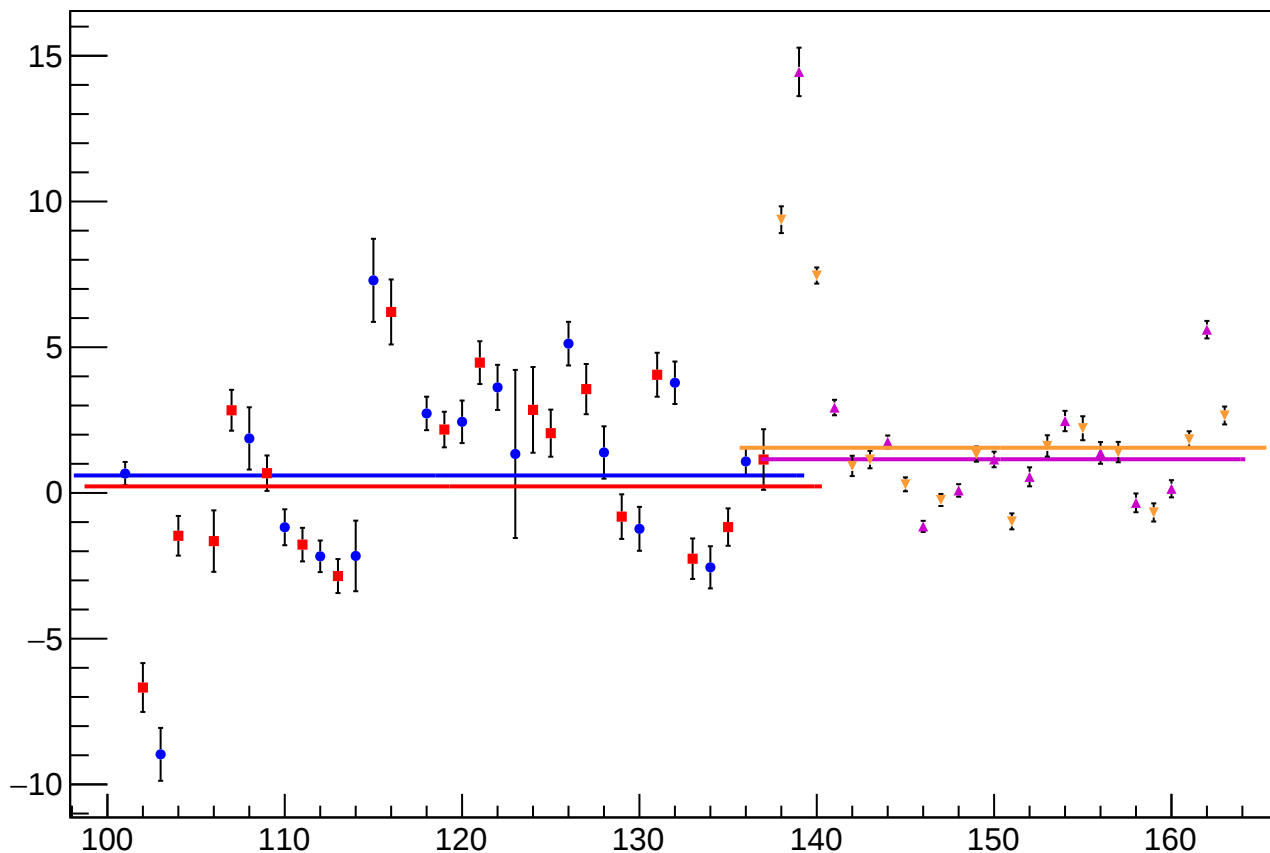
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.712+/-0.114 χ^2/NDF :2569.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.142+/-0.117 χ^2/NDF :2129.0/11

Left: -5.946+/-0.081 χ^2/NDF : 4791.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.142+/-0.117 χ^2/NDF :2129.0/11
 Out: -6.712+/-0.114 χ^2/NDF :2569.2/13
 All: -5.946+/-0.081 χ^2/NDF : 4791.1/25

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.551 ± 0.079 χ^2/NDF : 1008.7/13

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.156 ± 0.080 χ^2/NDF : 748.2/11

Left: 1.357 ± 0.056 χ^2/NDF : 1769.2/25

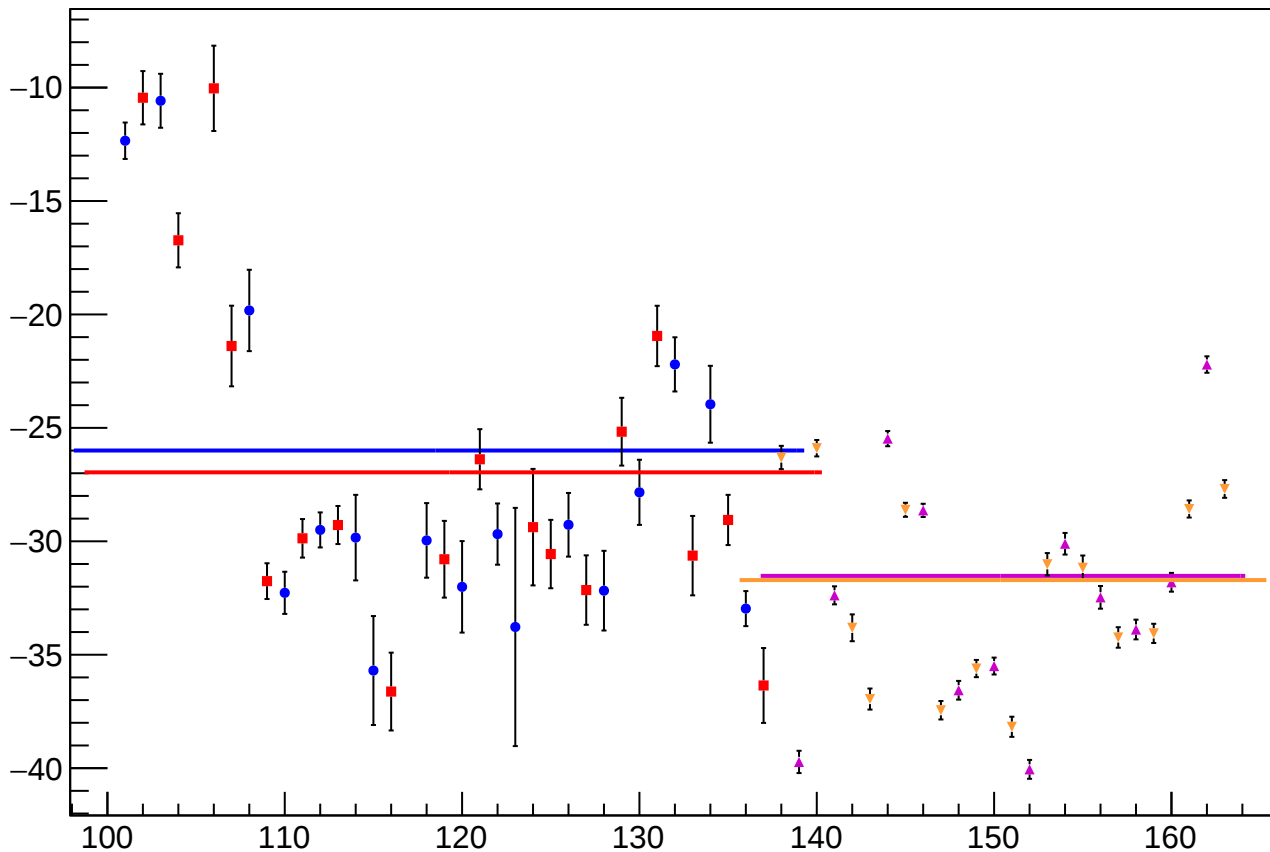
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.054 ± 0.072 χ^2/NDF : 1048.9/28

Out: 1.328 ± 0.072 χ^2/NDF : 1329.7/31

All: 1.192 ± 0.051 χ^2/NDF : 2385.8/60

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: -31.709 ± 0.113 χ^2/NDF : 1365.9/13

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -31.524 ± 0.114 χ^2/NDF : 2092.2/11

Left: -31.618 ± 0.080 χ^2/NDF : 3459.5/25

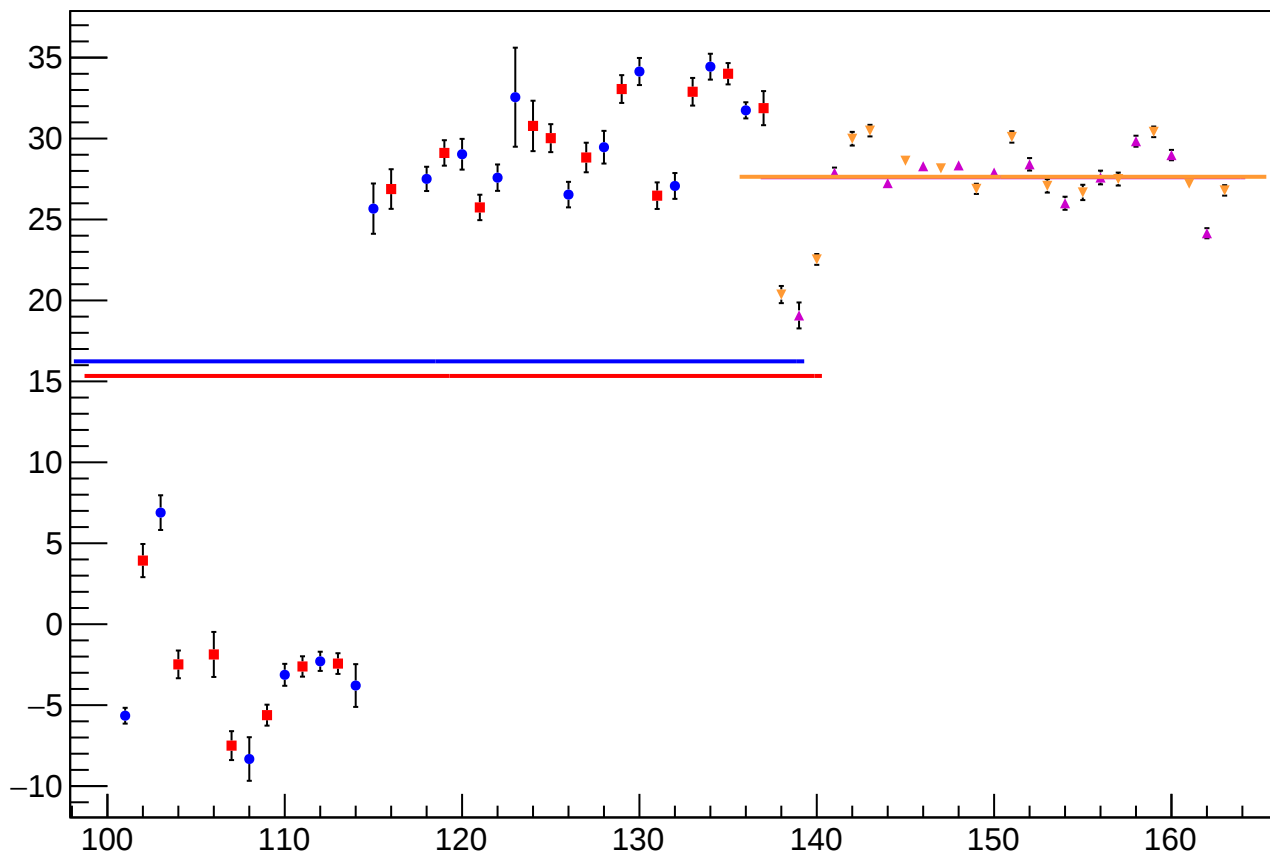
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -30.829 ± 0.106 χ^2/NDF : 3081.2/28

Out: -31.118 ± 0.105 χ^2/NDF : 2123.3/31

All: -30.975 ± 0.075 χ^2/NDF : 5208.2/60

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.638 $\pm$ 0.093 χ^2 /NDF: 673.4/13

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.609 $\pm$ 0.095 χ^2 /NDF: 334.5/11

Left: 27.624 $\pm$ 0.066 χ^2 /NDF: 1007.9/25

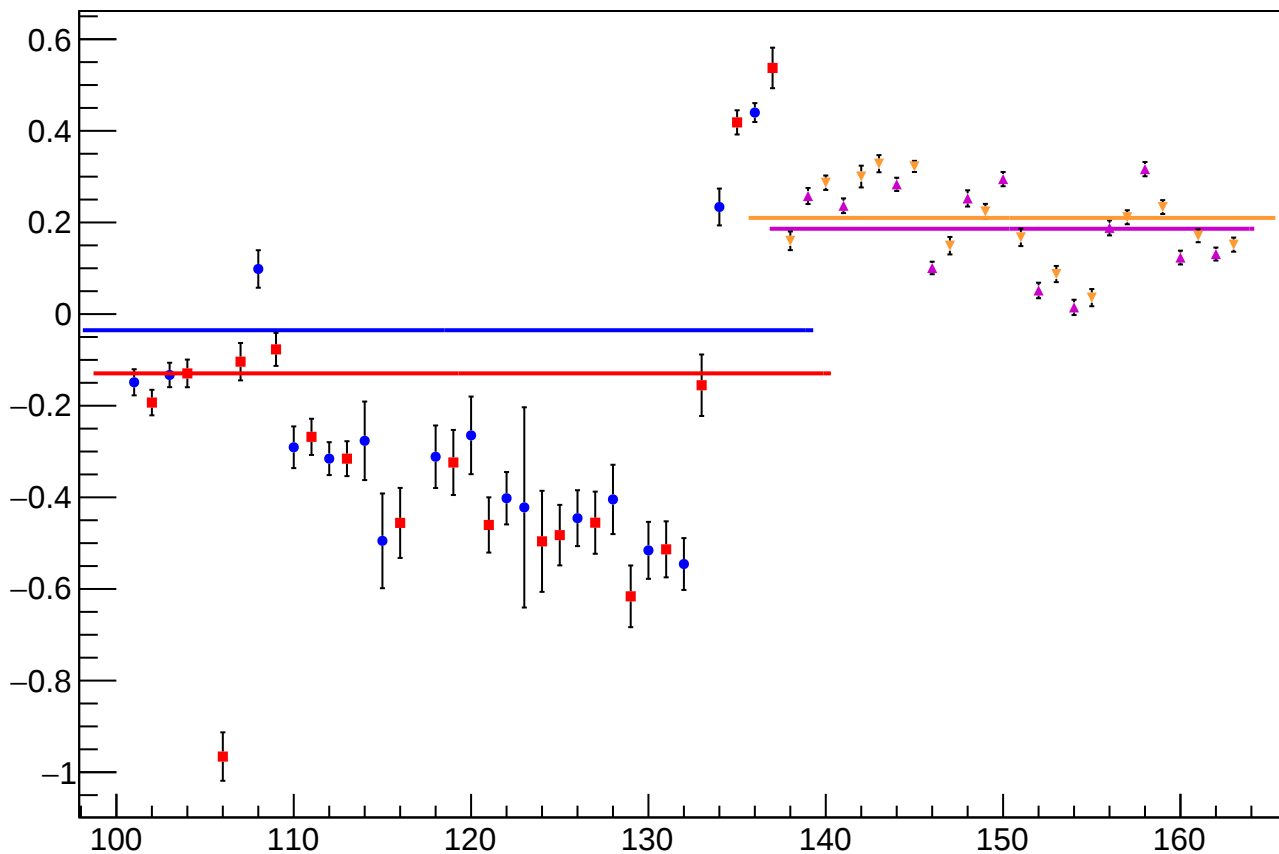
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.374 $\pm$ 0.085 χ^2 /NDF: 10751.0/28

Out: 25.411 $\pm$ 0.084 χ^2 /NDF: 11122.2/31

All: 25.392 $\pm$ 0.060 χ^2 /NDF: 21873.4/60

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: 0.210 ± 0.004 χ^2/NDF : 344.3/13

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.186 ± 0.005 χ^2/NDF : 443.3/11

Left: 0.198 ± 0.003 χ^2/NDF : 801.6/25

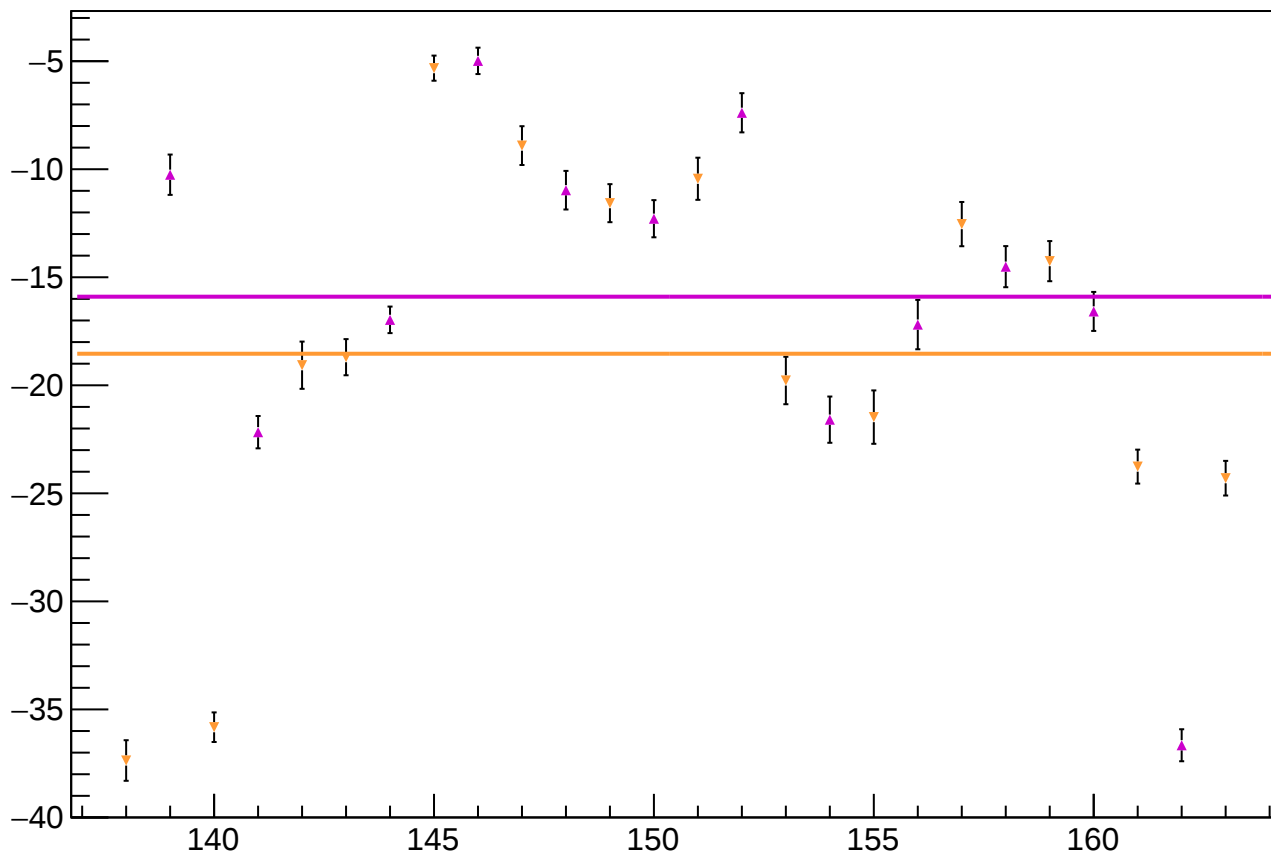
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.151 ± 0.004 χ^2/NDF : 1843.0/28

Out: 0.158 ± 0.004 χ^2/NDF : 2408.5/31

All: 0.154 ± 0.003 χ^2/NDF : 4253.0/60

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected

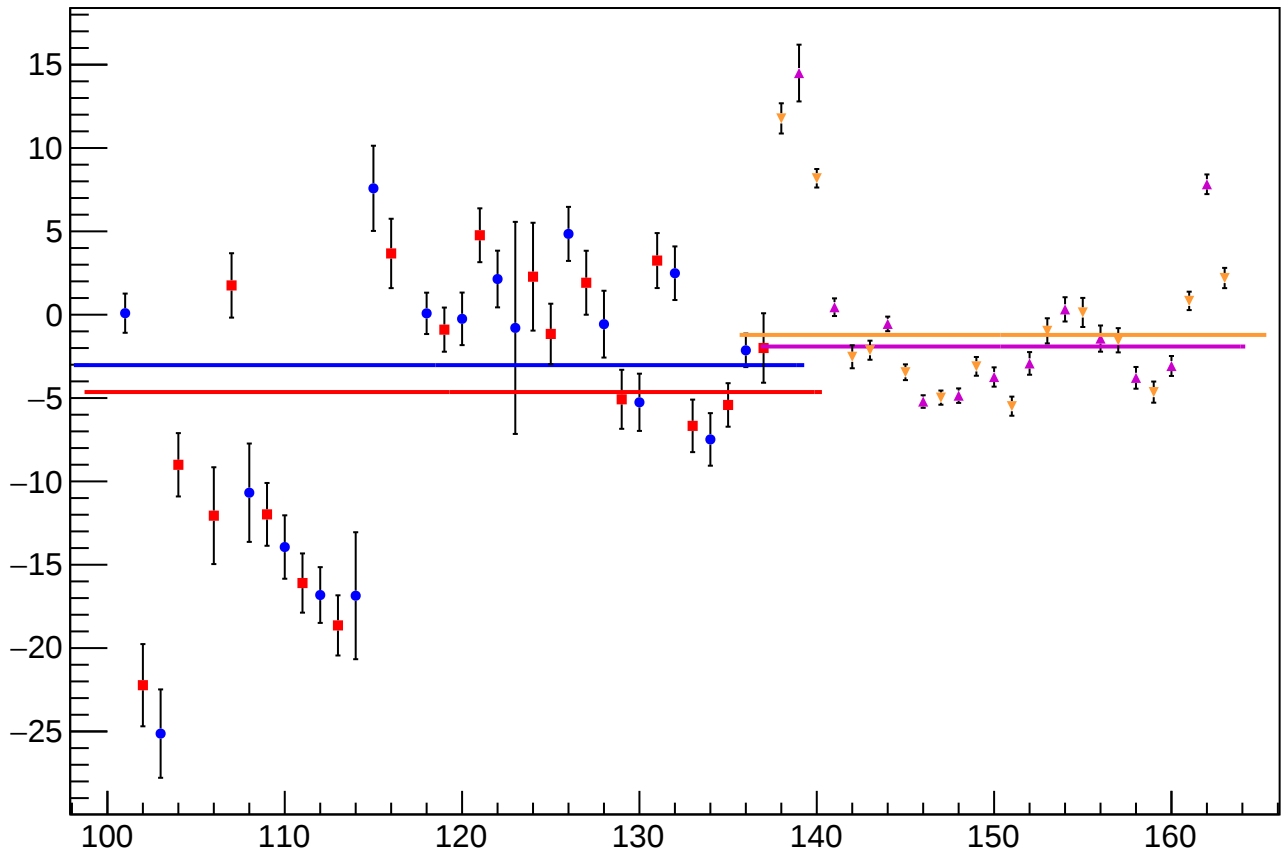


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.539+/-0.230 χ^2/NDF :1960.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.899+/-0.236 χ^2/NDF :1383.6/11

Left: -17.254+/-0.165 χ^2/NDF : 3408.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.899+/-0.236 χ^2/NDF :1383.6/11
 Out: -18.539+/-0.230 χ^2/NDF :1960.6/13

All: -17.254+/-0.165 χ^2/NDF : 3408.2/25

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.213 ± 0.160 $\chi^2/\text{NDF}: 742.4/13$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: -1.909 ± 0.162 $\chi^2/\text{NDF}: 550.7/11$

Left: -1.556 ± 0.114 $\chi^2/\text{NDF}: 1302.5/25$

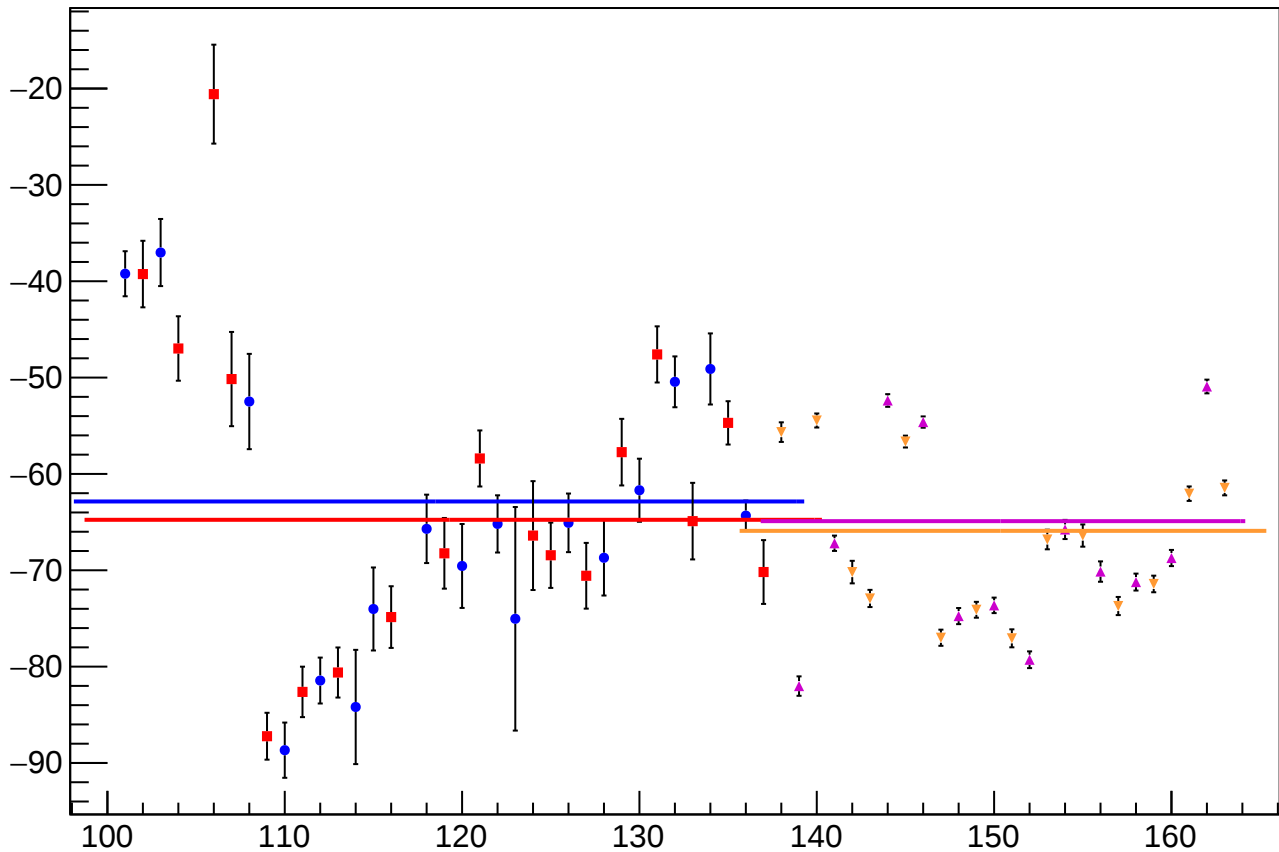
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -2.061 ± 0.151 $\chi^2/\text{NDF}: 837.8/28$

Out: -1.634 ± 0.149 $\chi^2/\text{NDF}: 1093.9/31$

All: -1.846 ± 0.106 $\chi^2/\text{NDF}: 1935.7/60$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -65.908 ± 0.229 χ^2/NDF : 1235.9/13

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -64.901 ± 0.231 χ^2/NDF : 1979.4/11

Left: -65.411 ± 0.163 χ^2/NDF : 3224.9/25

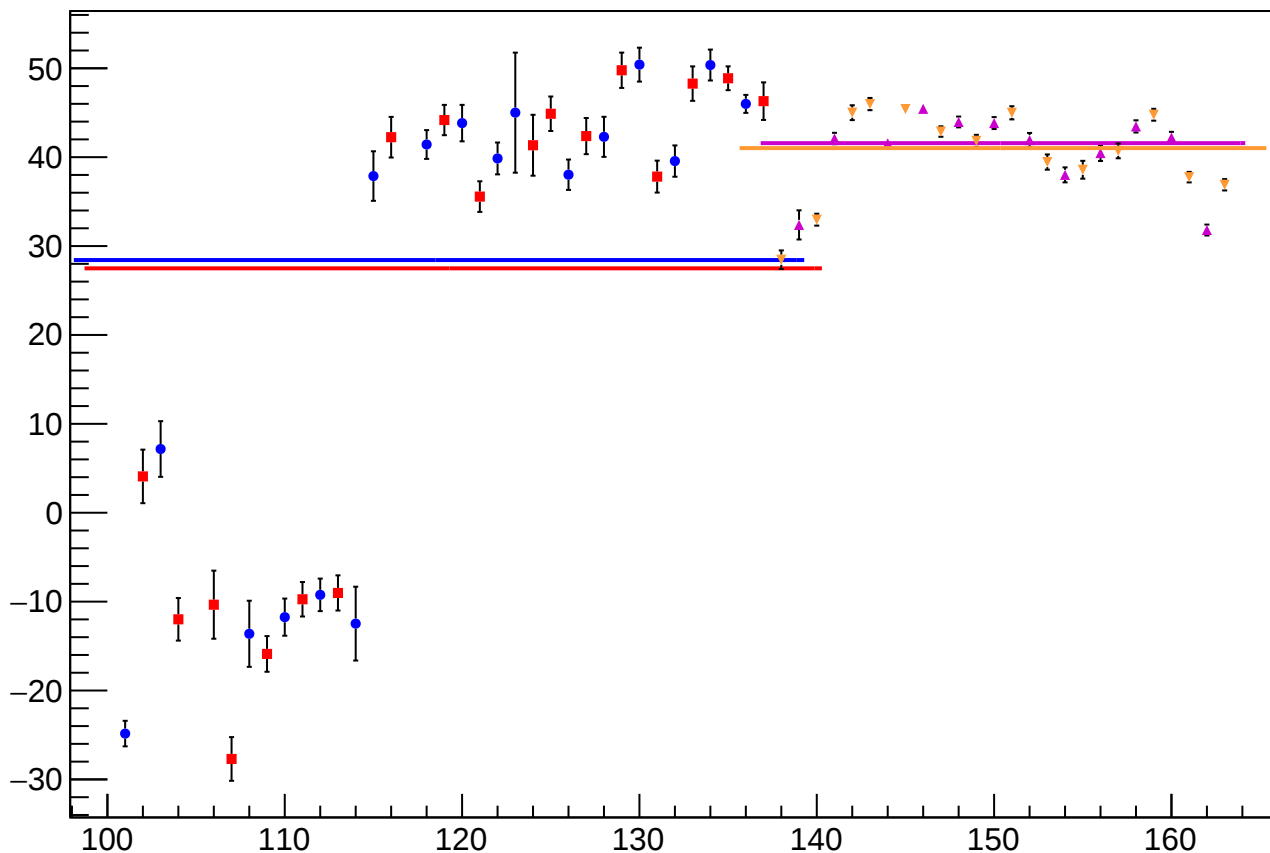
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -64.719 ± 0.221 χ^2/NDF : 2354.1/28

Out: -65.811 ± 0.219 χ^2/NDF : 1654.2/31

All: -65.270 ± 0.155 χ^2/NDF : 4020.6/60

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: 41.019 $\pm$ 0.188 χ^2 /NDF: 580.2/13

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 41.578 $\pm$ 0.192 χ^2 /NDF: 405.5/11

Left: 41.293 $\pm$ 0.134 χ^2 /NDF: 990.0/25

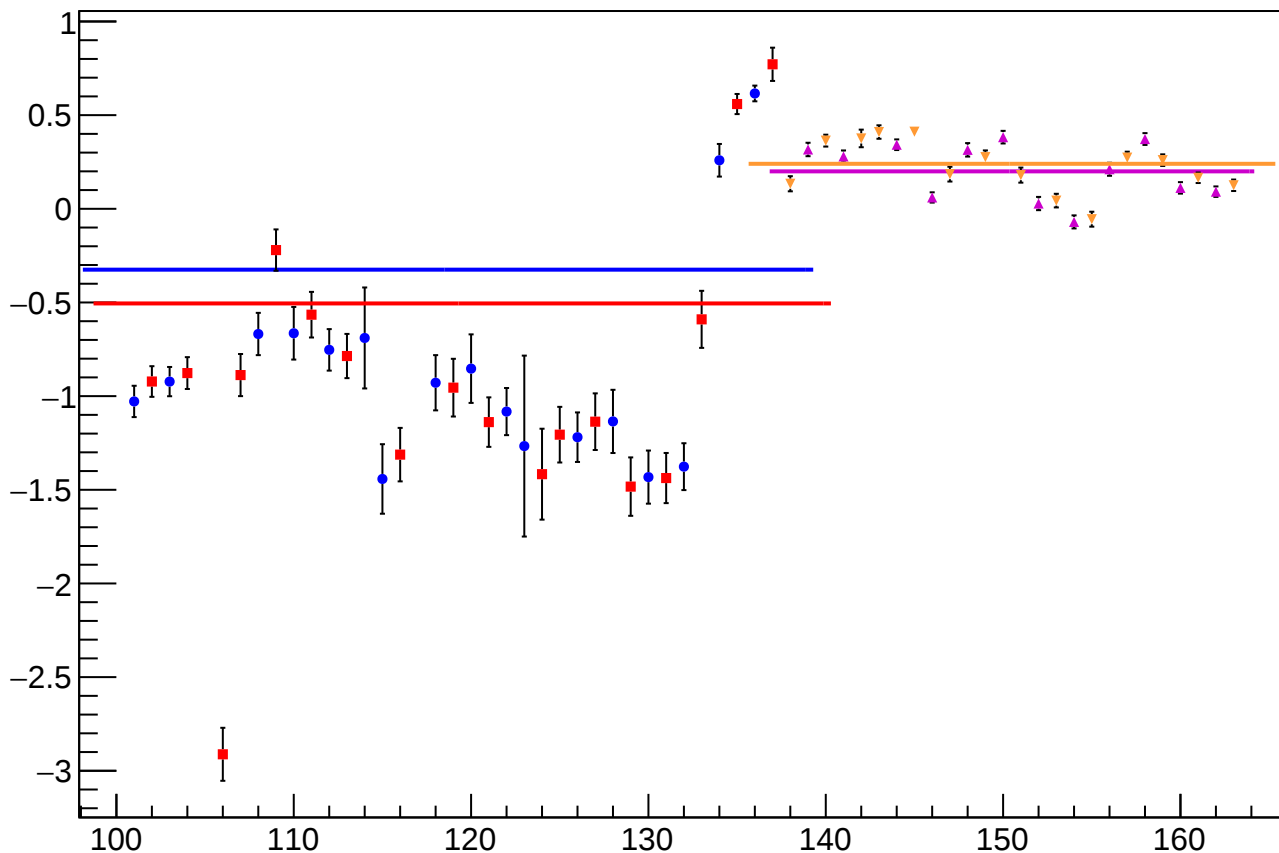
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.615 $\pm$ 0.177 χ^2 /NDF: 4430.0/28

Out: 39.211 $\pm$ 0.175 χ^2 /NDF: 4299.6/31

All: 39.411 $\pm$ 0.124 χ^2 /NDF: 8732.3/60

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: 0.240 ± 0.009 χ^2/NDF : 214.6/13

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.200 ± 0.009 χ^2/NDF : 243.8/11

Left: 0.221 ± 0.006 χ^2/NDF : 468.2/25

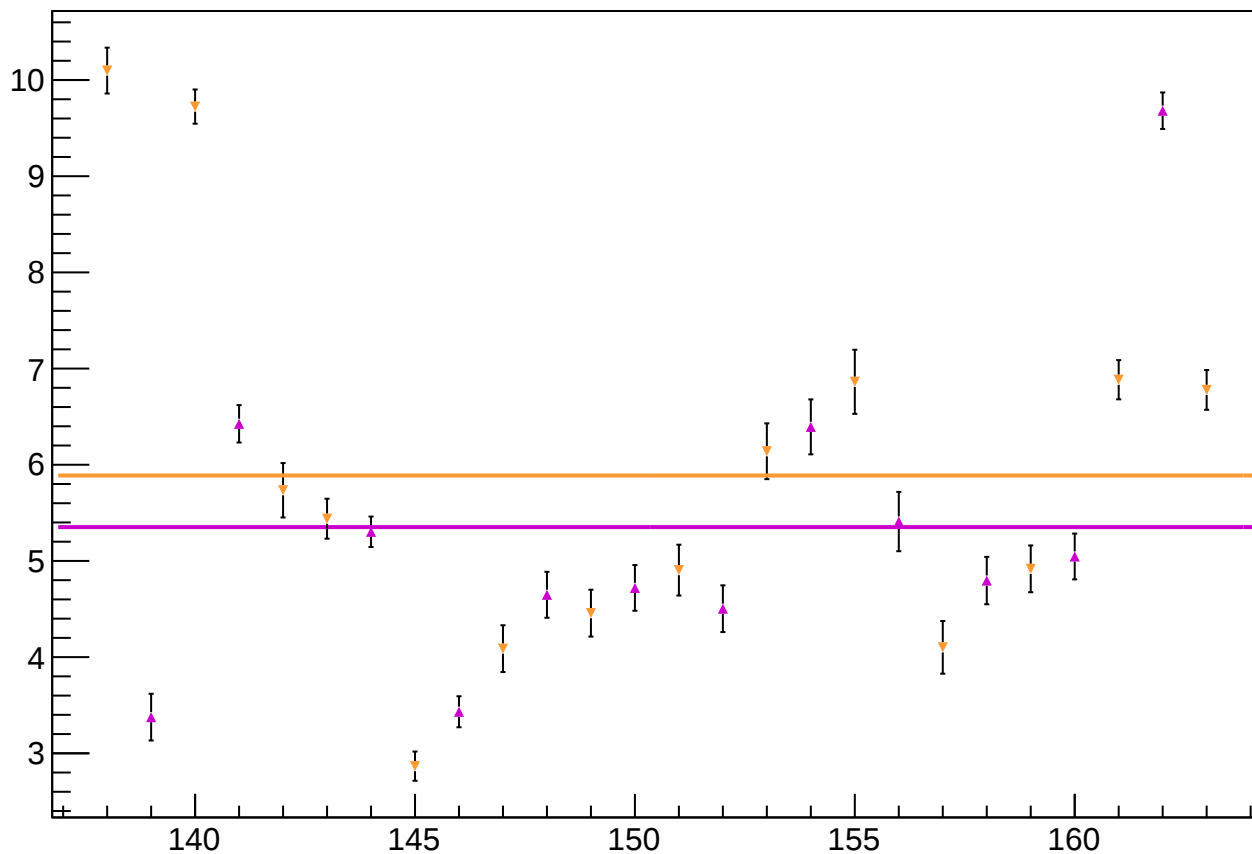
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.137 ± 0.009 χ^2/NDF : 1645.5/28

Out: 0.159 ± 0.009 χ^2/NDF : 2123.7/31

All: 0.148 ± 0.006 χ^2/NDF : 3772.6/60

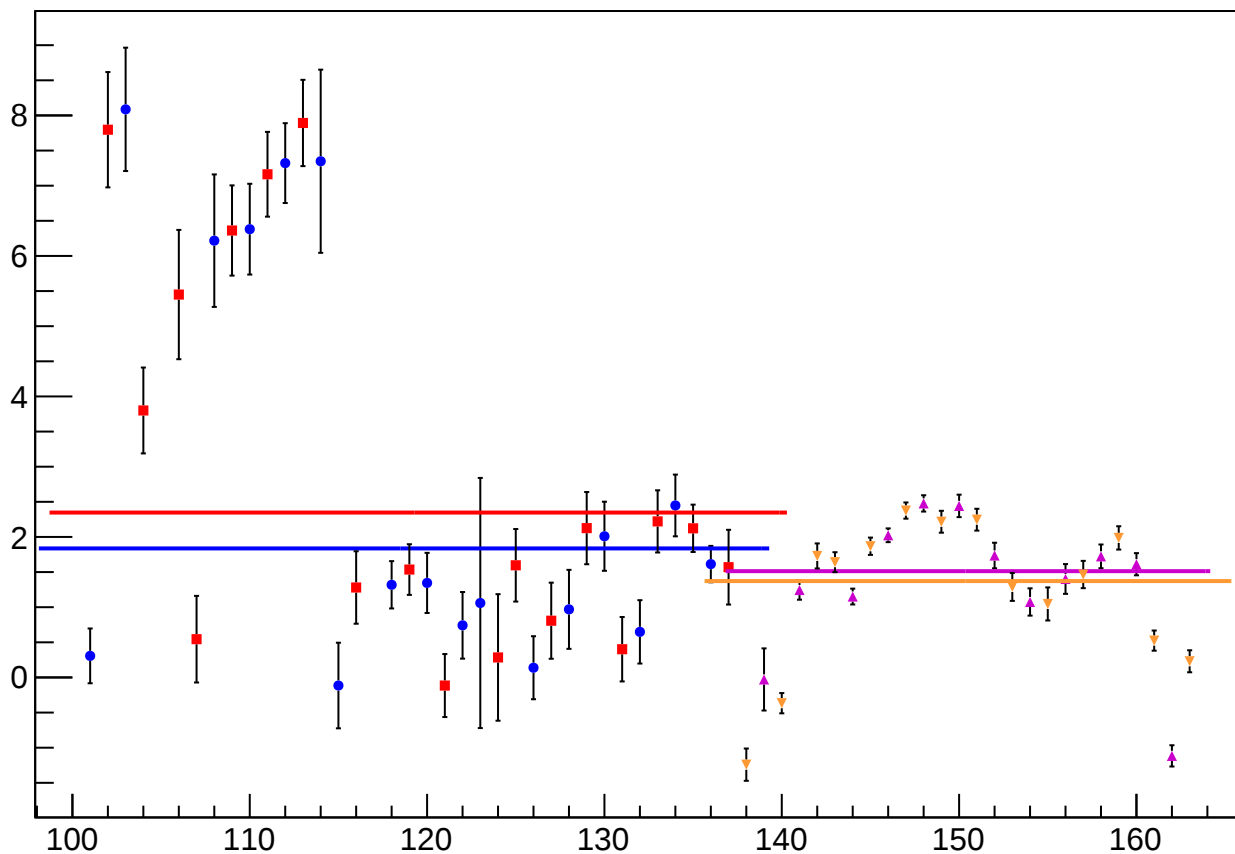
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.352+/-0.062 χ^2/NDF :806.7/11

Left: 5.628+/-0.043 χ^2/NDF : 2234.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.352+/-0.062 χ^2/NDF :806.7/11
 Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 All: 5.628+/-0.043 χ^2/NDF : 2234.0/25

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.372 ± 0.042 $\chi^2/\text{NDF}: 539.6/13$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 1.513 ± 0.043 $\chi^2/\text{NDF}: 466.8/11$

Left: 1.441 ± 0.030 $\chi^2/\text{NDF}: 1012.0/25$

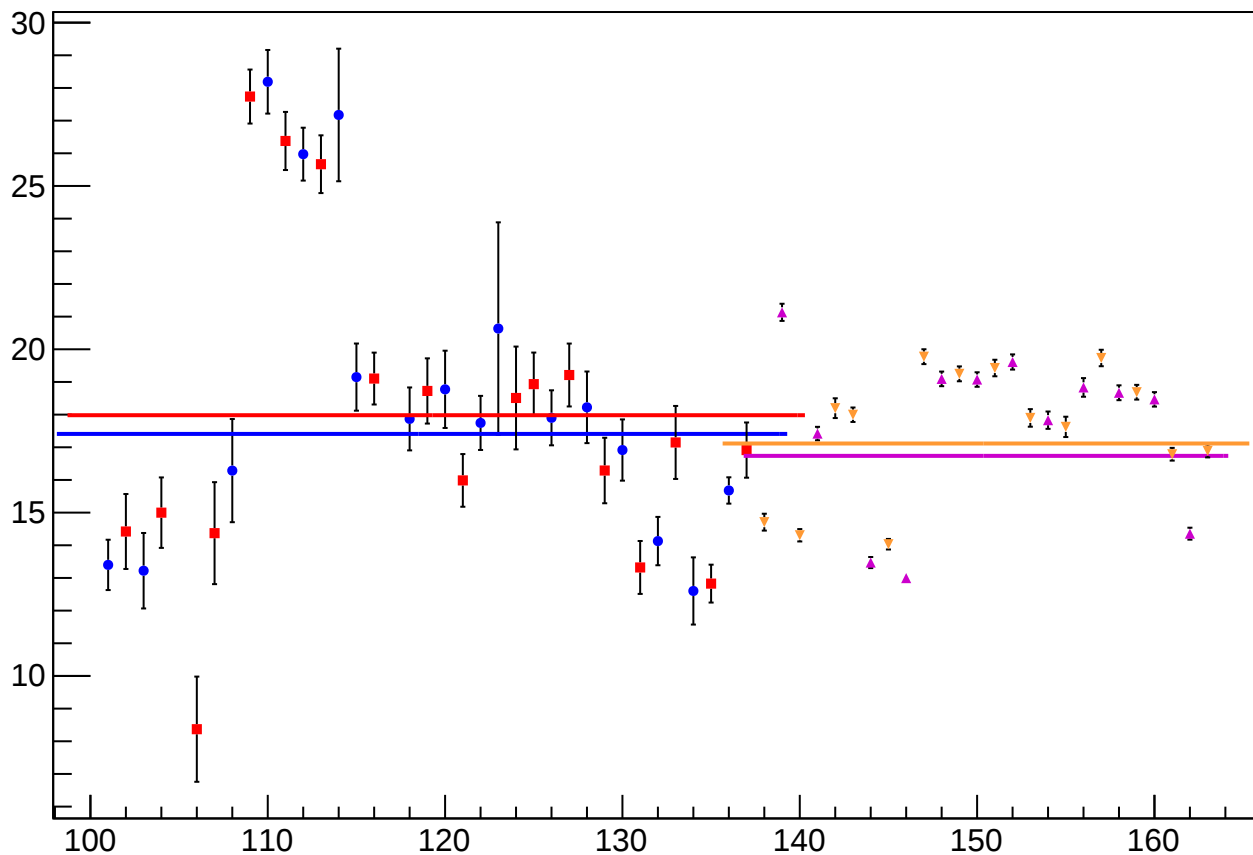
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 1.551 ± 0.040 $\chi^2/\text{NDF}: 767.7/28$

Out: 1.474 ± 0.040 $\chi^2/\text{NDF}: 926.0/31$

All: 1.512 ± 0.028 $\chi^2/\text{NDF}: 1695.7/60$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 17.116 $\pm$ 0.060 χ^2 /NDF:1178.3/13

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.737 $\pm$ 0.061 χ^2 /NDF:1994.8/11

Left: 16.930 $\pm$ 0.043 χ^2 /NDF: 3192.6/25

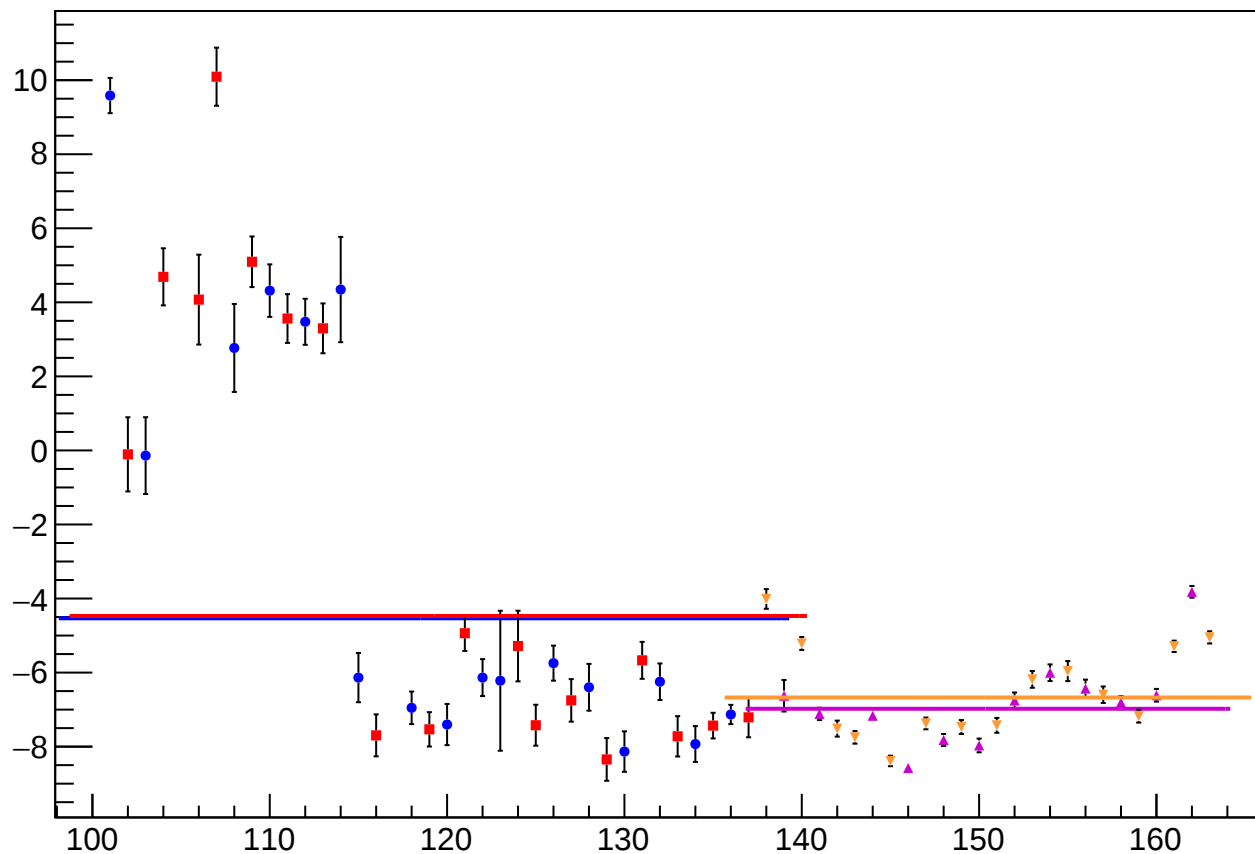
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.789 $\pm$ 0.059 χ^2 /NDF:2369.2/28

Out: 17.176 $\pm$ 0.058 χ^2 /NDF:1683.5/31

All: 16.985 $\pm$ 0.041 χ^2 /NDF: 4074.8/60

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: -6.673 ± 0.049 χ^2/NDF : 620.5/13

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.977 ± 0.050 χ^2/NDF : 655.9/11

Left: -6.822 ± 0.035 χ^2/NDF : 1295.0/25

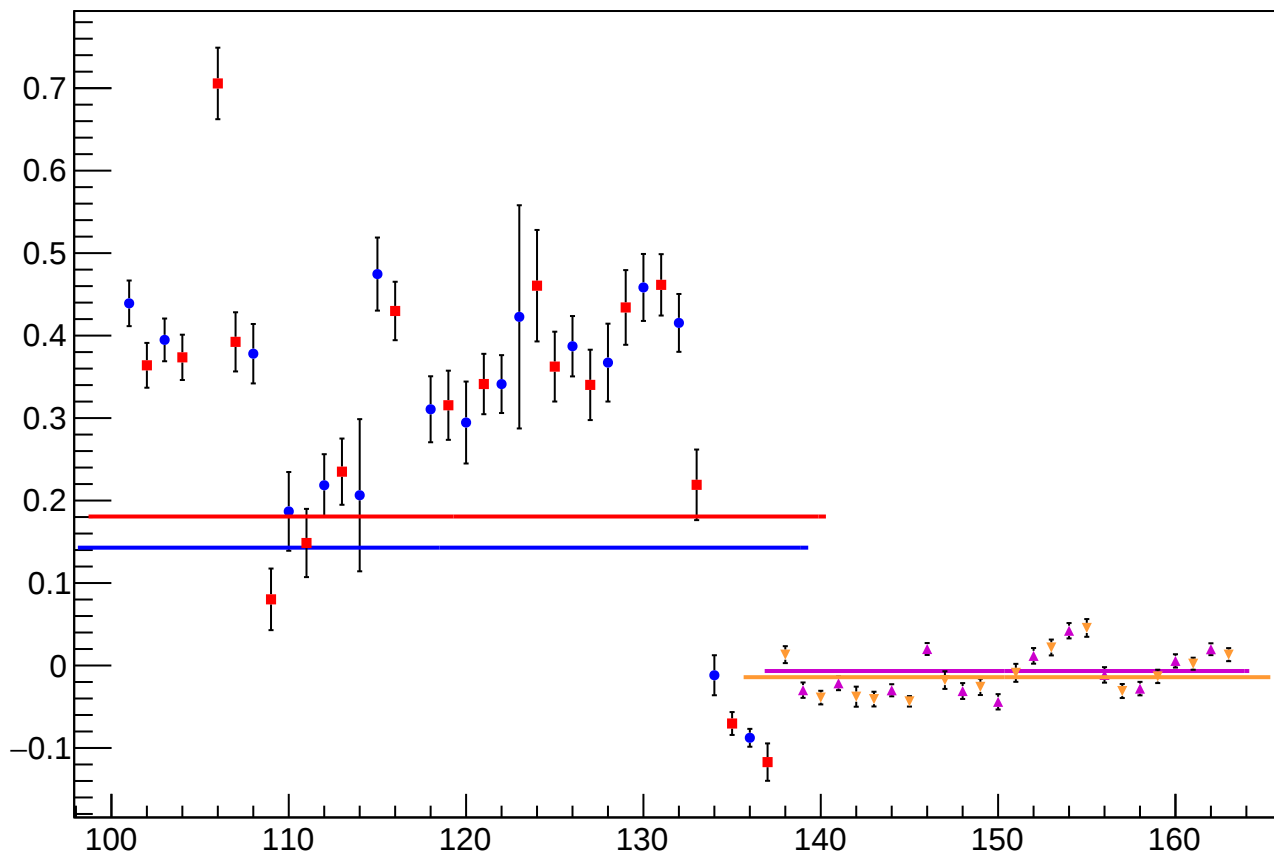
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.656 ± 0.047 χ^2/NDF : 2553.0/28

Out: -6.420 ± 0.046 χ^2/NDF : 2188.7/31

All: -6.537 ± 0.033 χ^2/NDF : 4754.5/60

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.014 ± 0.002 $\chi^2/\text{NDF}: 117.4/13$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 109.8/11$

Left: -0.011 ± 0.002 $\chi^2/\text{NDF}: 232.1/25$

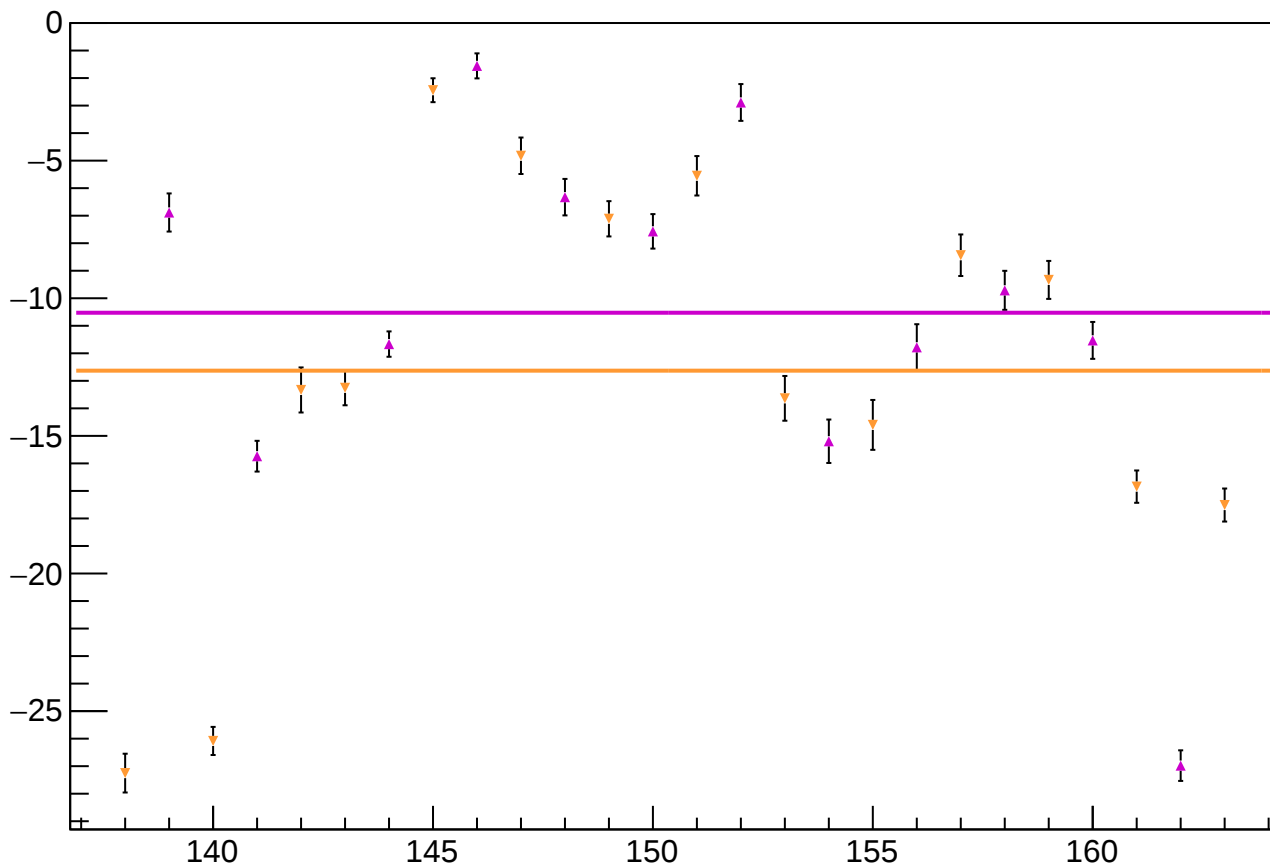
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 1570.4/28$

Out: 0.004 ± 0.002 $\chi^2/\text{NDF}: 1749.5/31$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3322.6/60$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



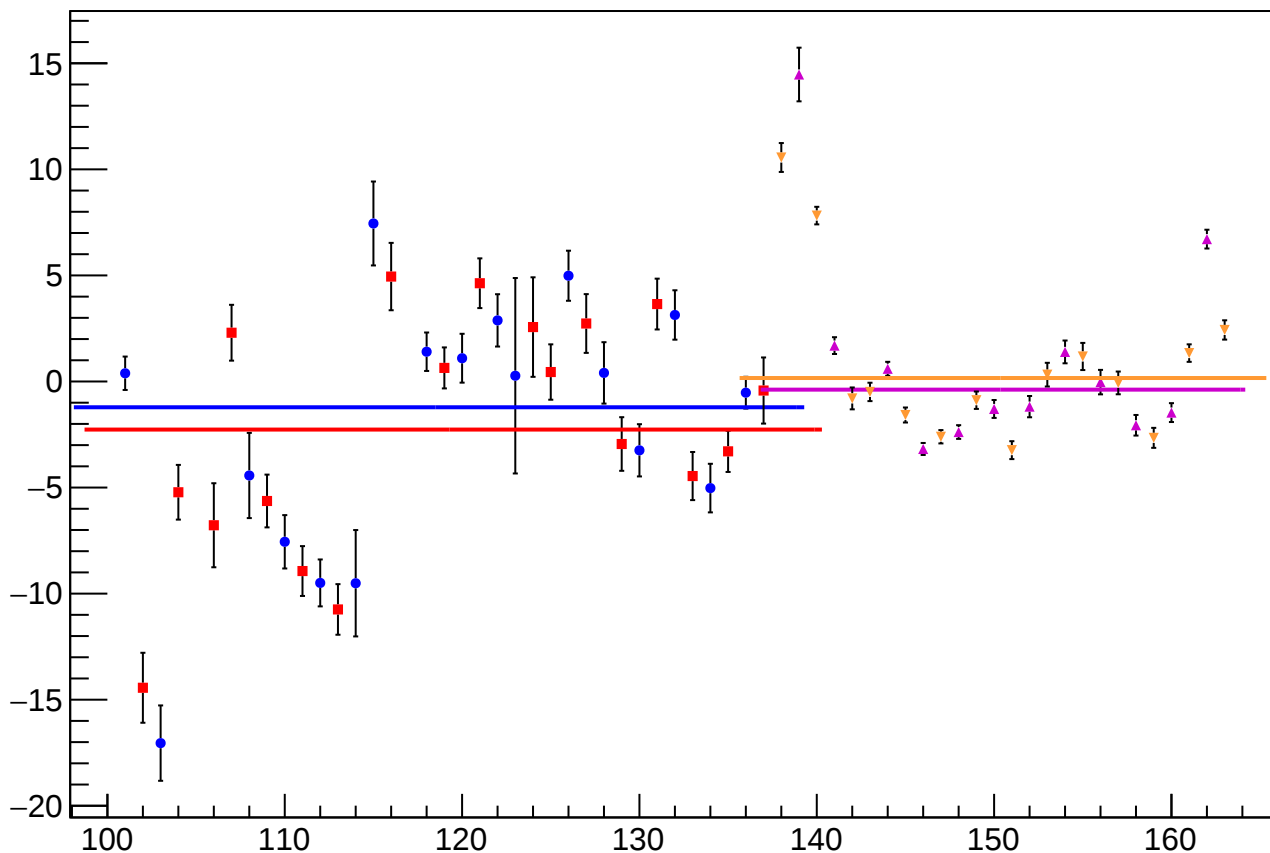
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.630+/-0.171 χ^2/NDF :2165.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.526+/-0.176 χ^2/NDF :1620.1/11

Left: -11.605+/-0.123 χ^2/NDF : 3859.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.526+/-0.176 χ^2/NDF :1620.1/11
 Out: -12.630+/-0.171 χ^2/NDF :2165.6/13

All: -11.605+/-0.123 χ^2/NDF : 3859.2/25

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.164 ± 0.119 χ^2/NDF : 825.3/13

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.384 ± 0.121 χ^2/NDF : 603.5/11

Left: -0.106 ± 0.085 χ^2/NDF : 1439.3/25

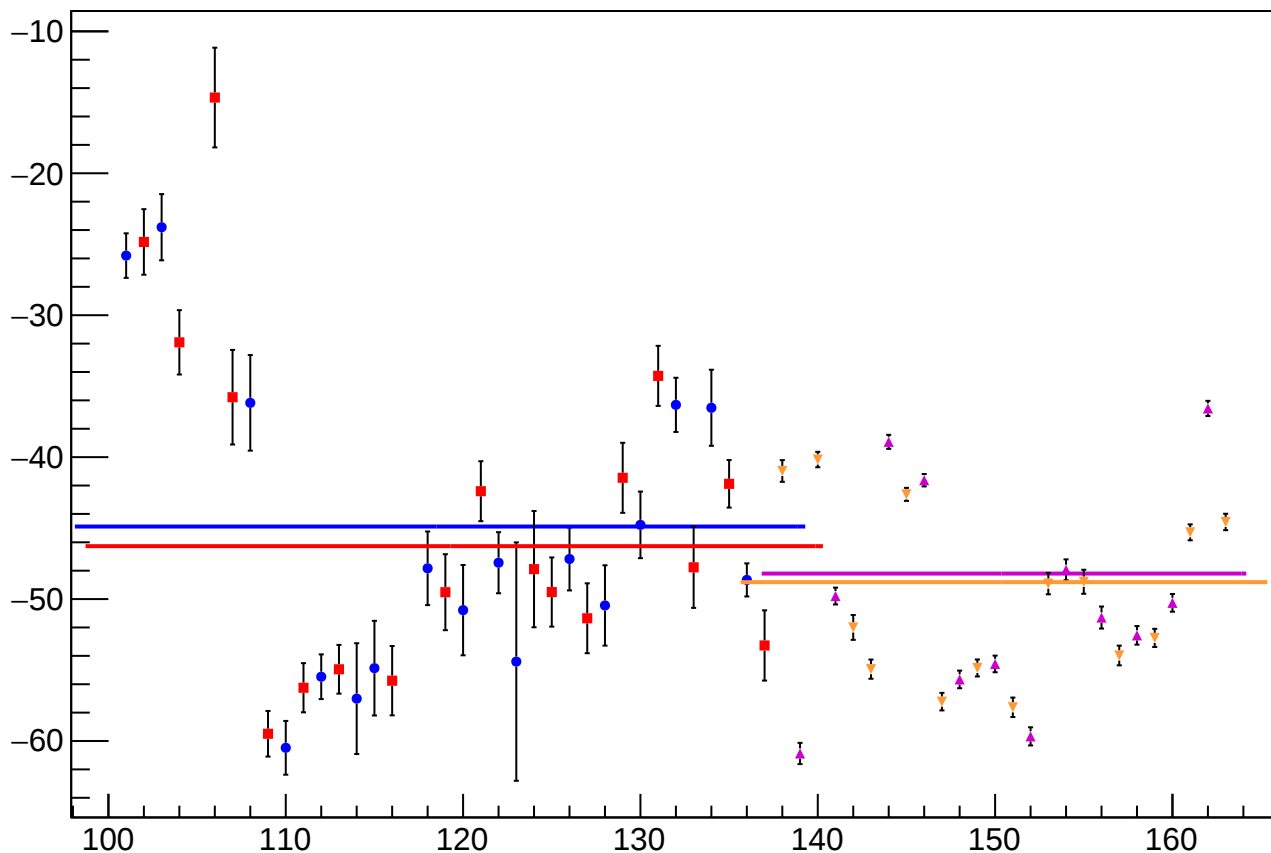
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.507 ± 0.111 χ^2/NDF : 889.2/28

Out: -0.160 ± 0.110 χ^2/NDF : 1165.2/31

All: -0.332 ± 0.078 χ^2/NDF : 2059.3/60

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: -48.807 ± 0.170 χ^2/NDF : 1271.8/13

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -48.202 ± 0.172 χ^2/NDF : 2001.0/11

Left: -48.508 ± 0.121 χ^2/NDF : 3279.1/25

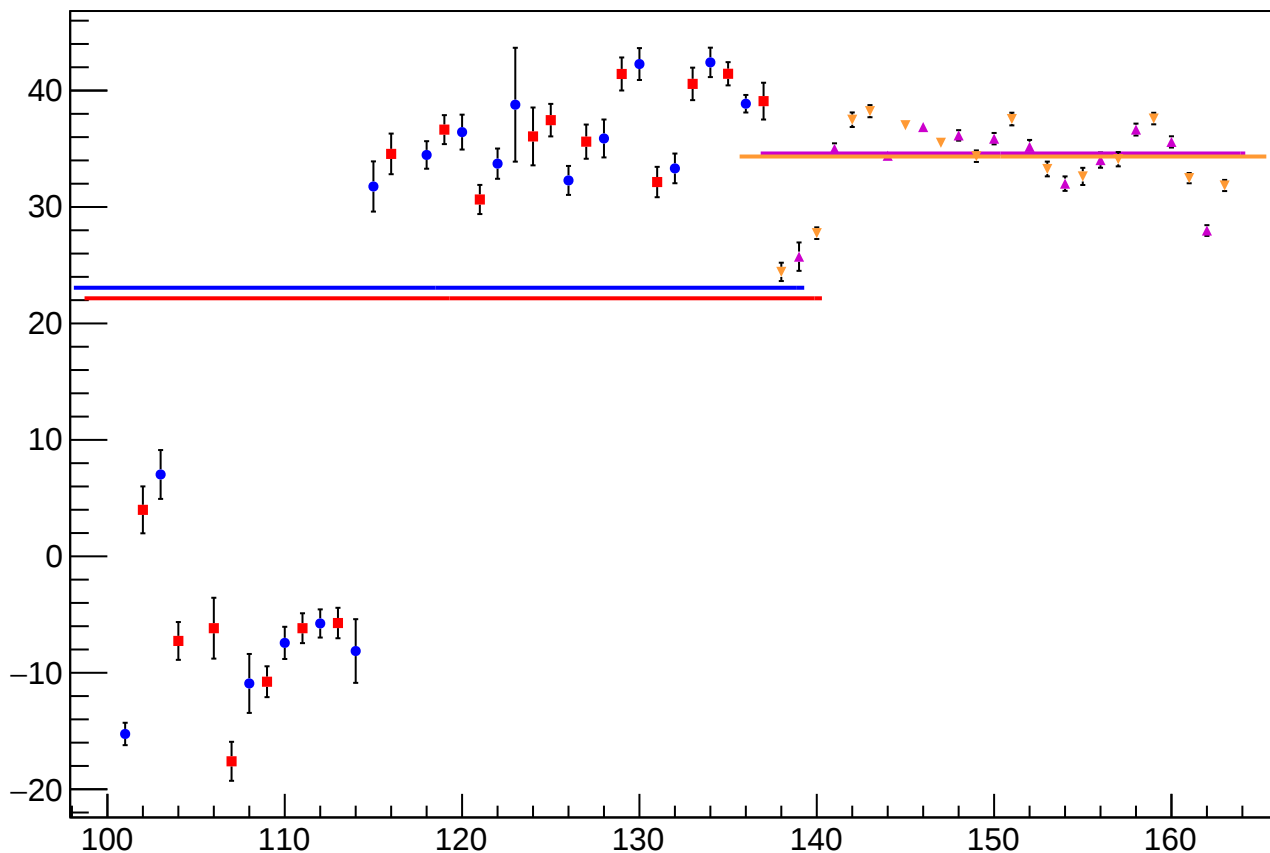
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -47.879 ± 0.163 χ^2/NDF : 2457.6/28

Out: -48.571 ± 0.162 χ^2/NDF : 1713.1/31

All: -48.228 ± 0.115 χ^2/NDF : 4179.8/60

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: 34.335 $\pm$ 0.140 χ^2 /NDF:594.5/13

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 34.595 $\pm$ 0.143 χ^2 /NDF:357.8/11

Left: 34.462 $\pm$ 0.100 χ^2 /NDF: 954.0/25

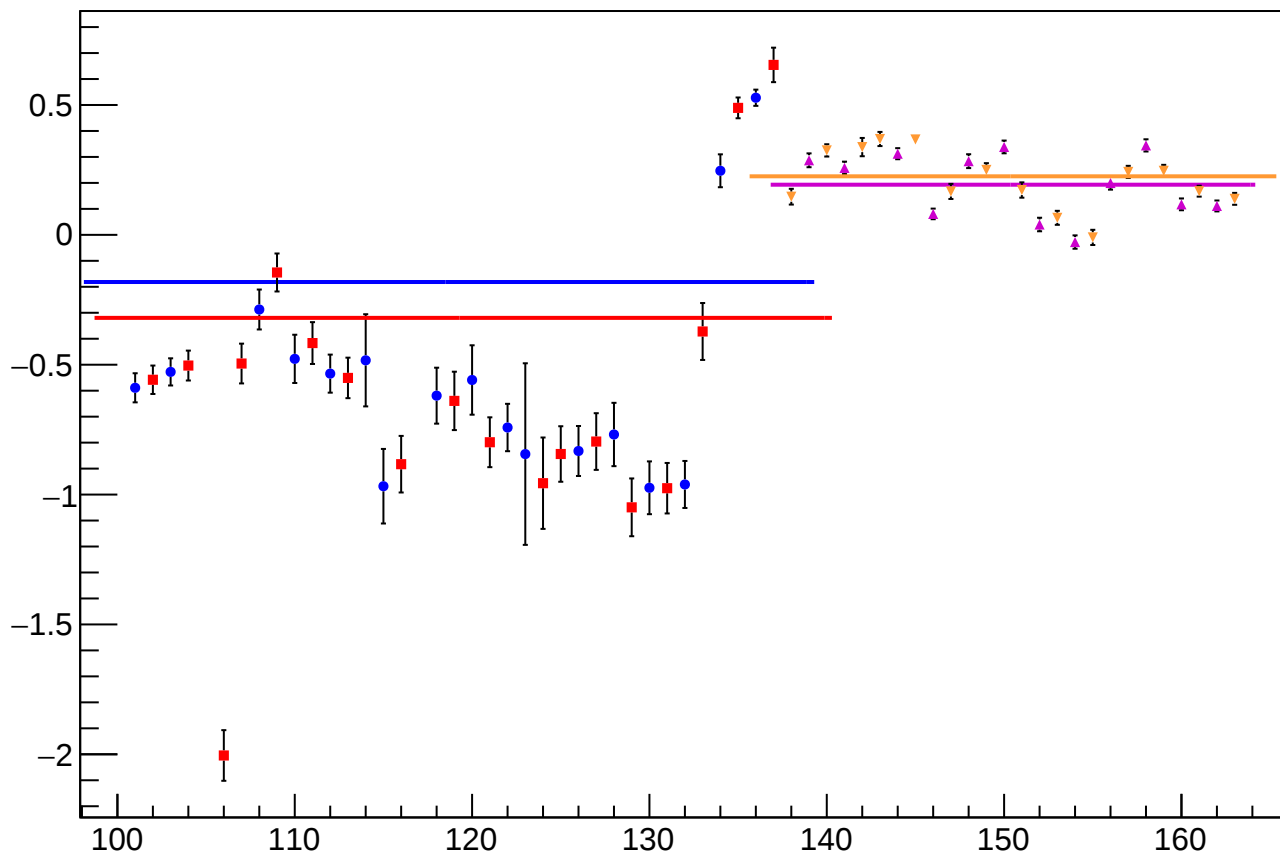
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.748 $\pm$ 0.131 χ^2 /NDF:5738.2/28

Out: 32.574 $\pm$ 0.129 χ^2 /NDF:5717.0/31

All: 32.660 $\pm$ 0.092 χ^2 /NDF: 11456.0/60

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: 0.225+/-0.007 χ^2/NDF :255.3/13

Right Out: -0.320+/-0.018 χ^2/NDF : 1177.5/17

Left In: 0.193+/-0.007 χ^2/NDF :303.9/11

Left: 0.210+/-0.005 χ^2/NDF : 570.6/25

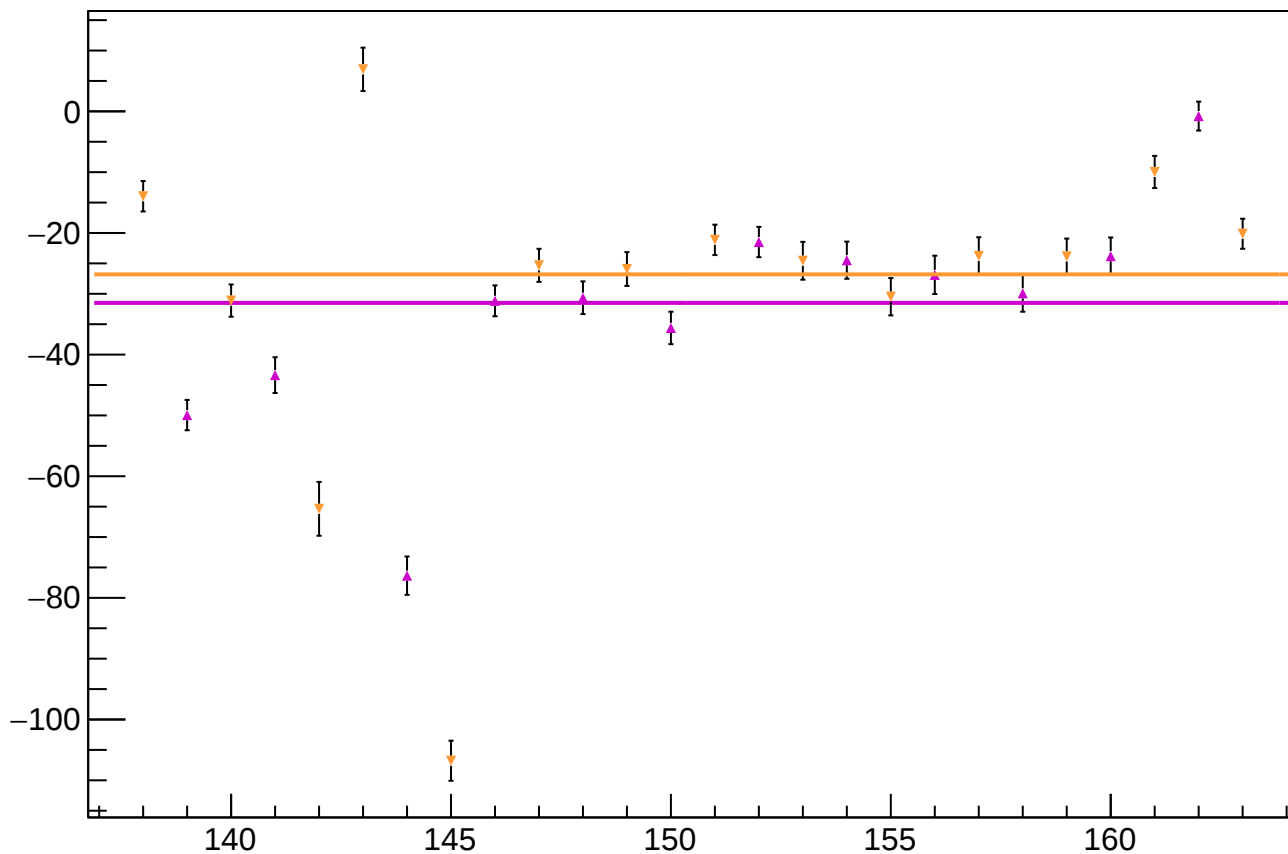
Right: -0.249+/-0.013 χ^2/NDF : 2203.9/34

In: 0.145+/-0.006 χ^2/NDF :1688.9/28

Out: 0.161+/-0.006 χ^2/NDF :2221.8/31

All: 0.153+/-0.004 χ^2/NDF : 3913.9/60

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



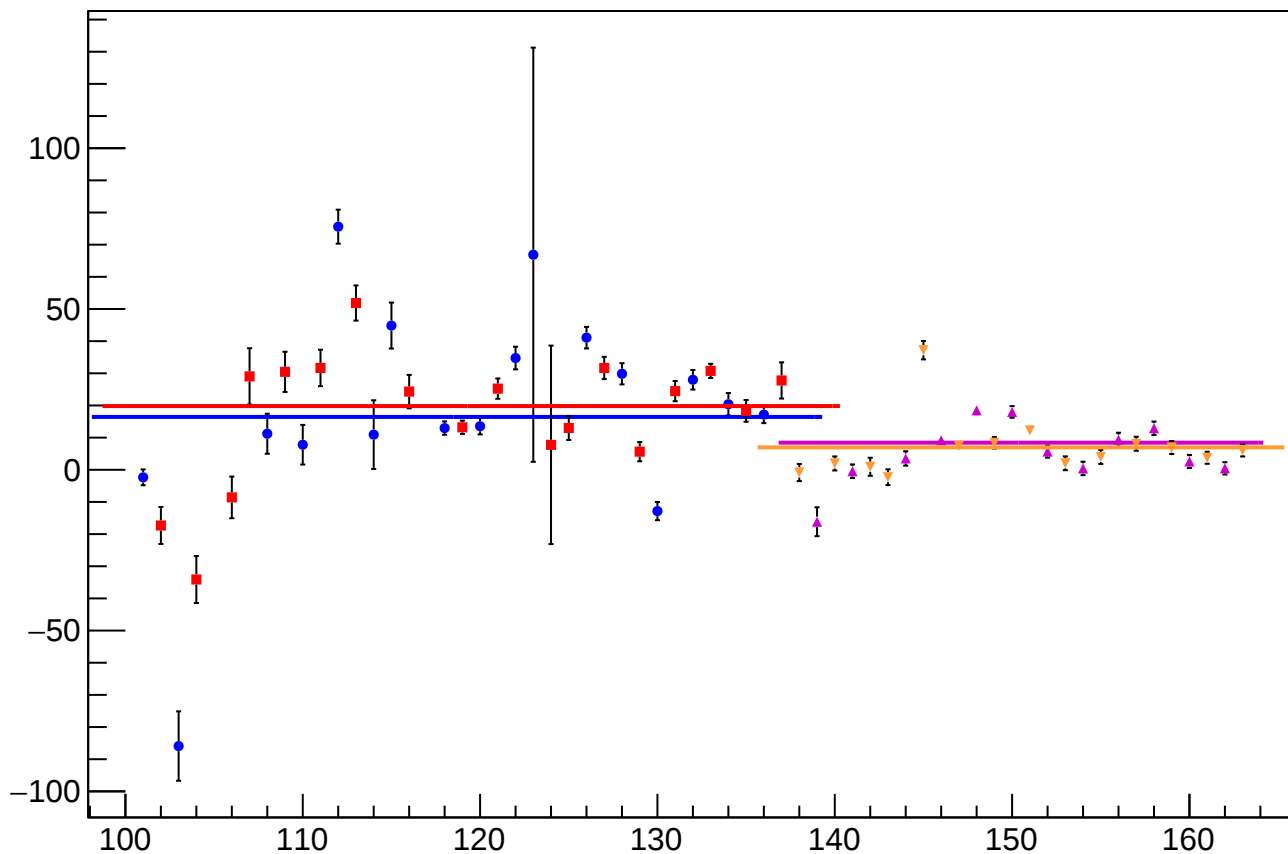
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.803+/-0.770 χ^2/NDF :840.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.495+/-0.797 χ^2/NDF :473.3/11

Left: -29.067+/-0.554 χ^2/NDF : 1331.7/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.495+/-0.797 χ^2/NDF :473.3/11
 Out: -26.803+/-0.770 χ^2/NDF :840.5/13

All: -29.067+/-0.554 χ^2/NDF : 1331.7/25

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.962 $\pm$ 0.525 χ^2 /NDF:169.6/13

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 8.432 $\pm$ 0.552 χ^2 /NDF:187.0/11

Left: 7.660 $\pm$ 0.380 χ^2 /NDF: 360.3/25

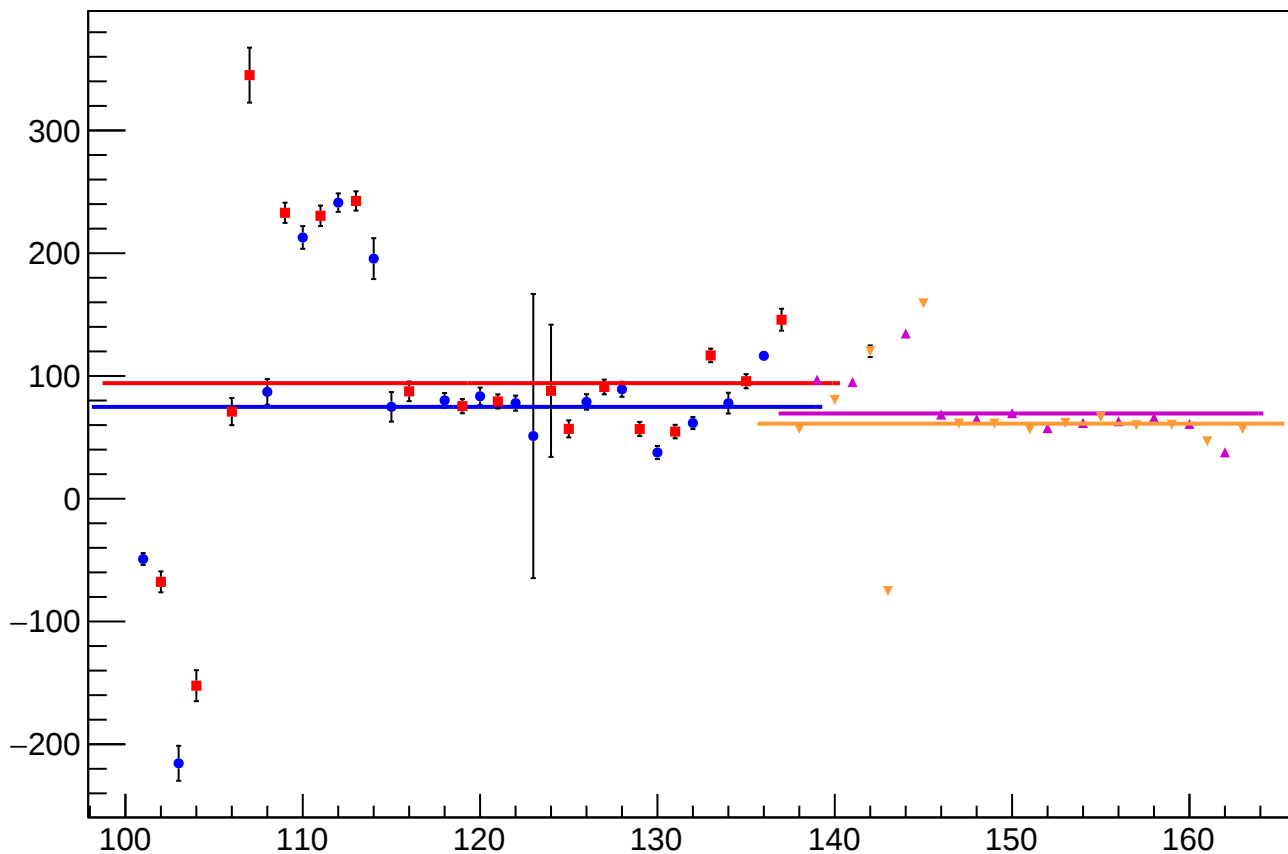
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 10.811 $\pm$ 0.463 χ^2 /NDF:766.6/28

Out: 10.232 $\pm$ 0.454 χ^2 /NDF:560.4/31

All: 10.516 $\pm$ 0.324 χ^2 /NDF: 1327.7/60

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 61.164+/-0.751 χ^2/NDF : 2353.6/13

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 69.439+/-0.773 χ^2/NDF : 786.8/11

Left: 65.184+/-0.539 χ^2/NDF : 3199.4/25

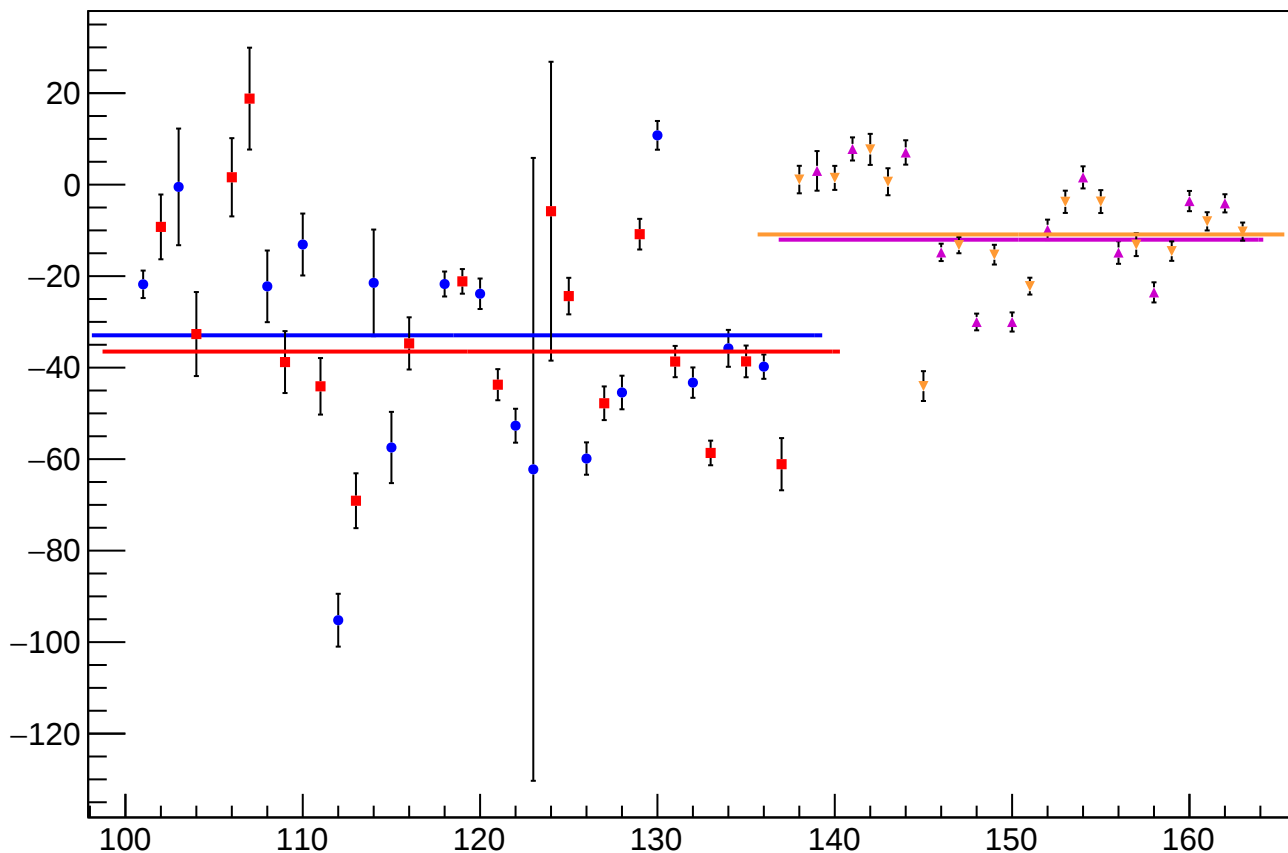
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 70.418+/-0.699 χ^2/NDF : 2792.5/28

Out: 66.448+/-0.688 χ^2/NDF : 4631.8/31

All: 68.403+/-0.490 χ^2/NDF : 7440.6/60

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.887 ± 0.621 χ^2/NDF : 252.9/13

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.035 ± 0.651 χ^2/NDF : 389.7/11

Left: -11.434 ± 0.449 χ^2/NDF : 644.2/25

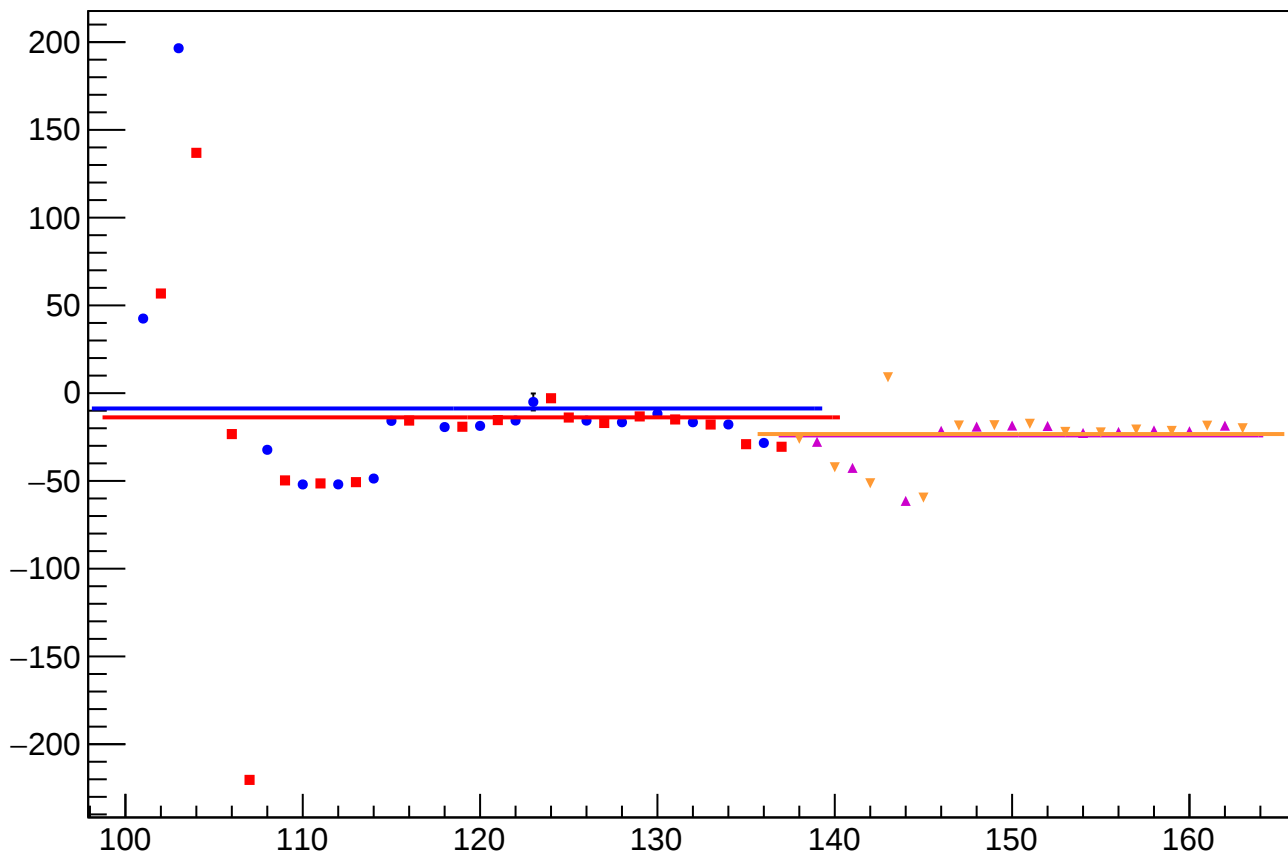
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -18.501 ± 0.541 χ^2/NDF : 1198.9/28

Out: -17.744 ± 0.531 χ^2/NDF : 1001.3/31

All: -18.115 ± 0.379 χ^2/NDF : 2201.2/60

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -23.297 ± 0.029 $\chi^2/\text{NDF}: 174689.2/13$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -24.078 ± 0.030 $\chi^2/\text{NDF}: 101207.1/11$

Left: -23.678 ± 0.021 $\chi^2/\text{NDF}: 276242.2/25$

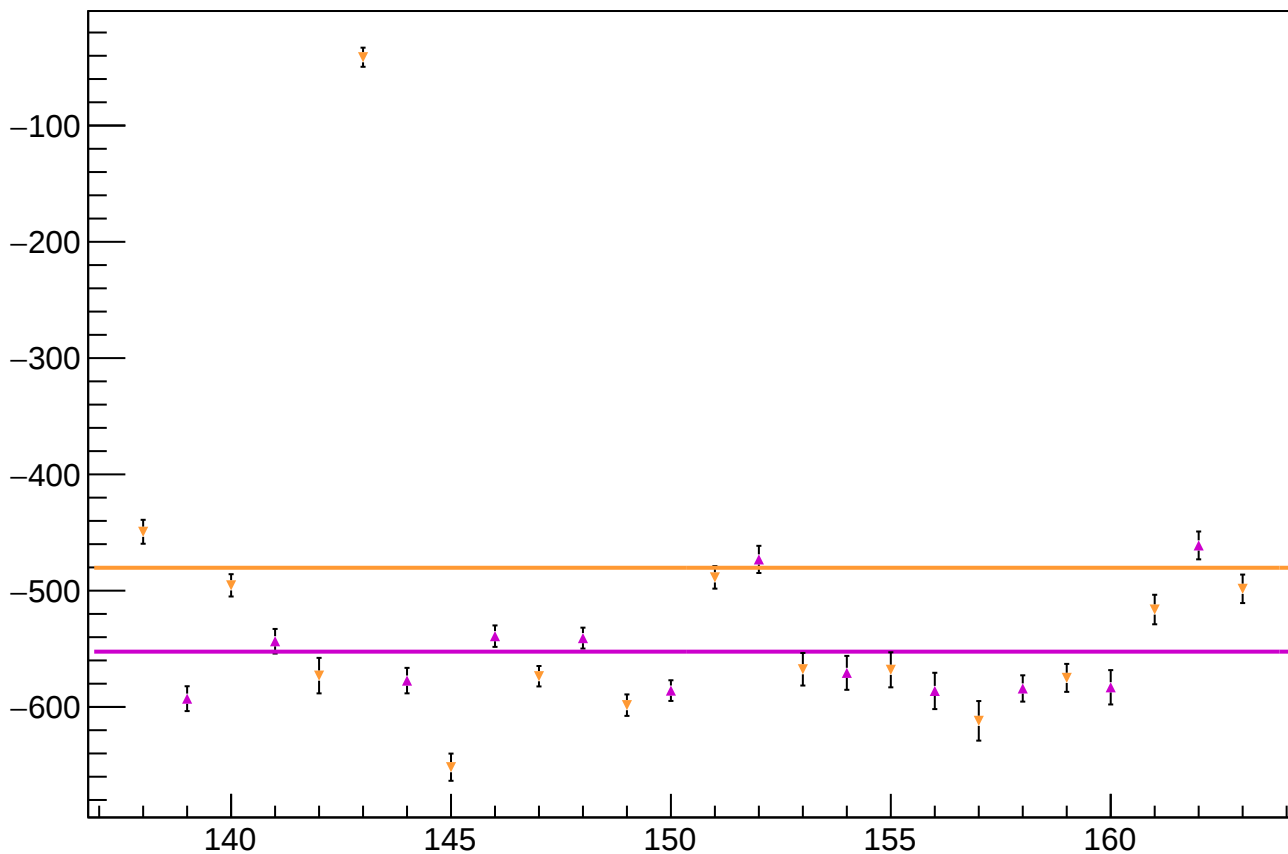
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.901 ± 0.027 $\chi^2/\text{NDF}: 731005.1/28$

Out: -21.561 ± 0.027 $\chi^2/\text{NDF}: 743212.1/31$

All: -21.233 ± 0.019 $\chi^2/\text{NDF}: 1474523.6/60$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.444+/-3.189 χ^2/NDF :160.8/11

Left: -513.591+/-2.166 χ^2/NDF : 4030.8/25

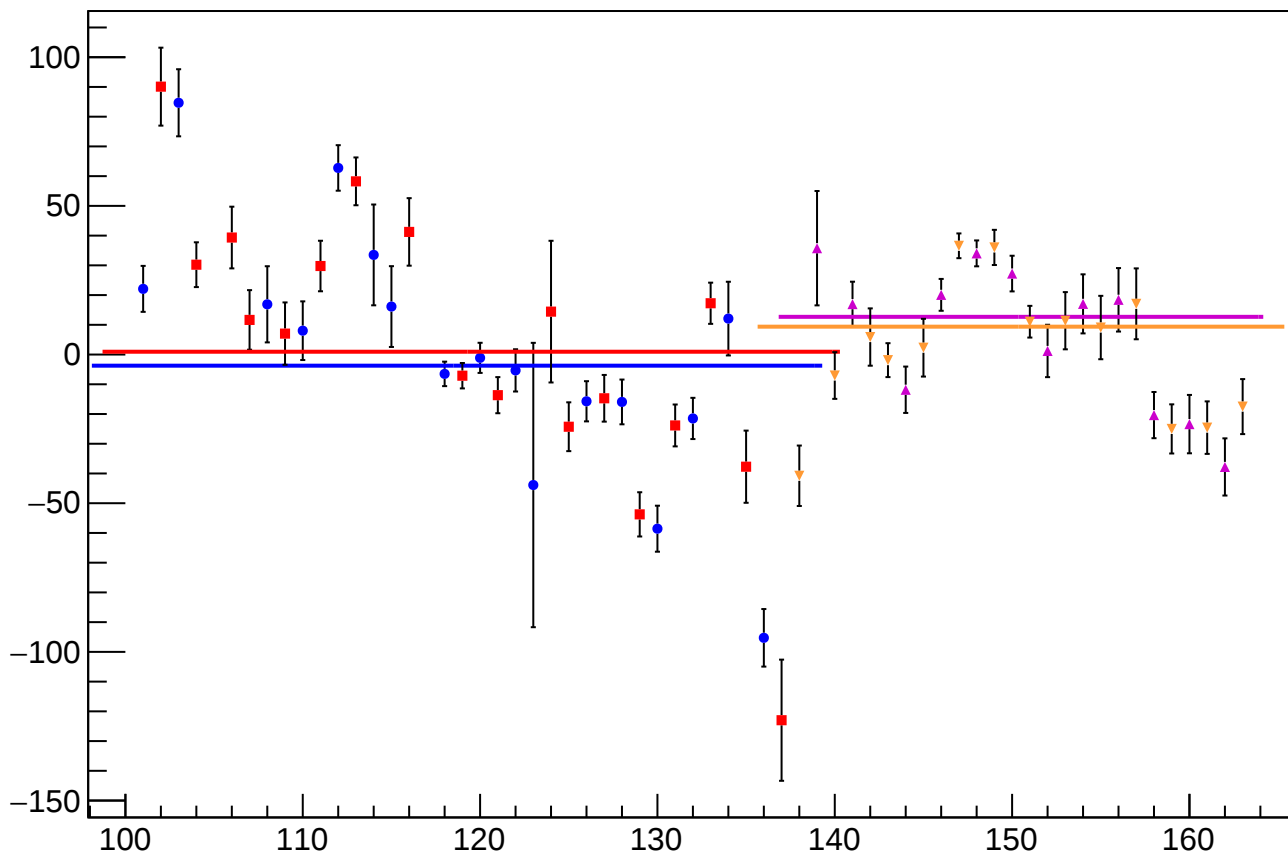
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.444+/-3.189 χ^2/NDF :160.8/11

Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

All: -513.591+/-2.166 χ^2/NDF : 4030.8/25

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 9.376 ± 1.941 χ^2/NDF : 137.4/13

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 12.686 ± 2.124 χ^2/NDF : 104.8/11

Left: 10.883 ± 1.433 χ^2/NDF : 243.5/25

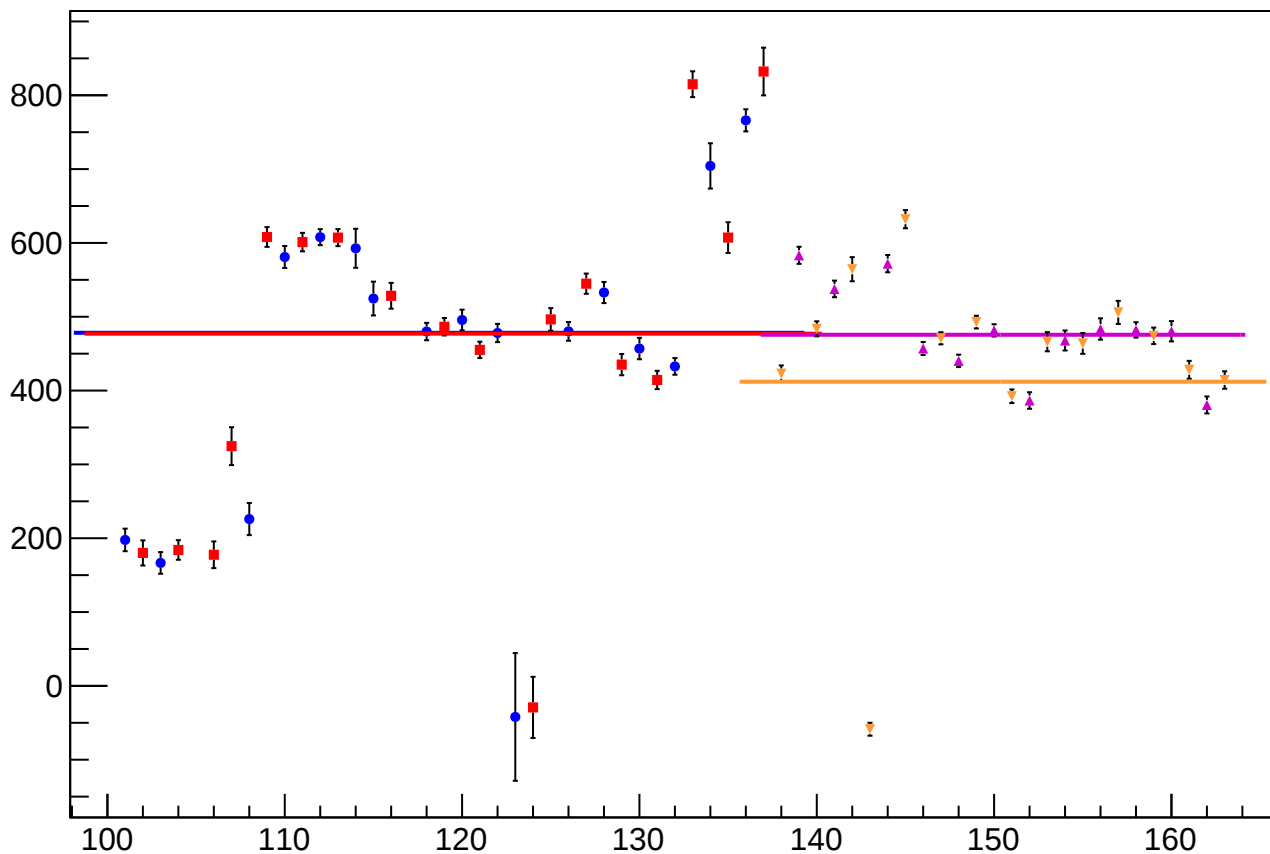
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 3.526 ± 1.413 χ^2/NDF : 452.3/28

Out: 5.111 ± 1.364 χ^2/NDF : 440.6/31

All: 4.346 ± 0.981 χ^2/NDF : 893.5/60

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 412.031+/-2.910 χ^2/NDF : 3578.9/13

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 475.609+/-3.097 χ^2/NDF : 339.7/11

Left: 441.851+/-2.121 χ^2/NDF : 4142.3/25

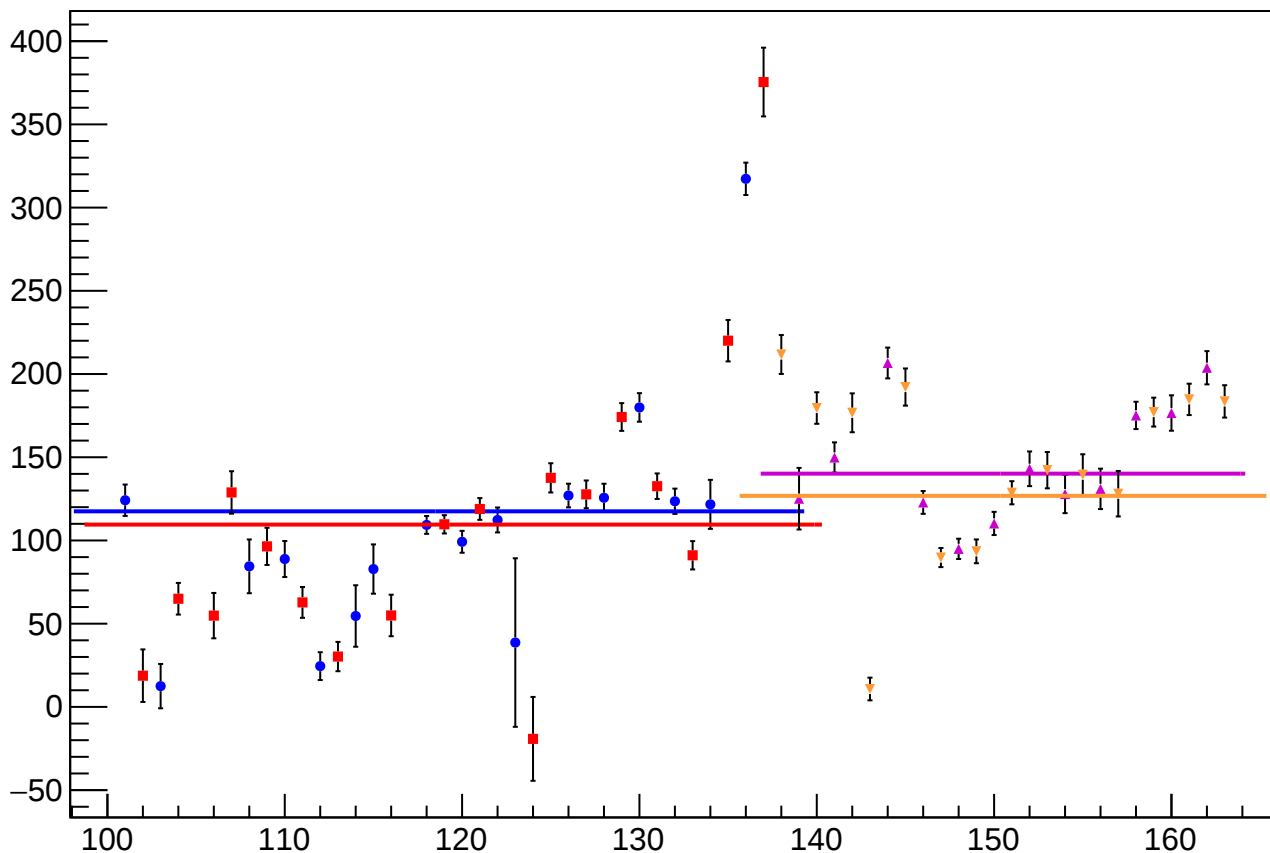
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 476.725+/-2.358 χ^2/NDF : 1967.9/28

Out: 438.263+/-2.249 χ^2/NDF : 5956.2/31

All: 456.579+/-1.627 χ^2/NDF : 8063.4/60

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: 126.810 $\pm$ 2.348 χ^2 /NDF: 598.2/13

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.149 $\pm$ 2.557 χ^2 /NDF: 205.6/11

Left: 132.910 $\pm$ 1.729 χ^2 /NDF: 818.6/25

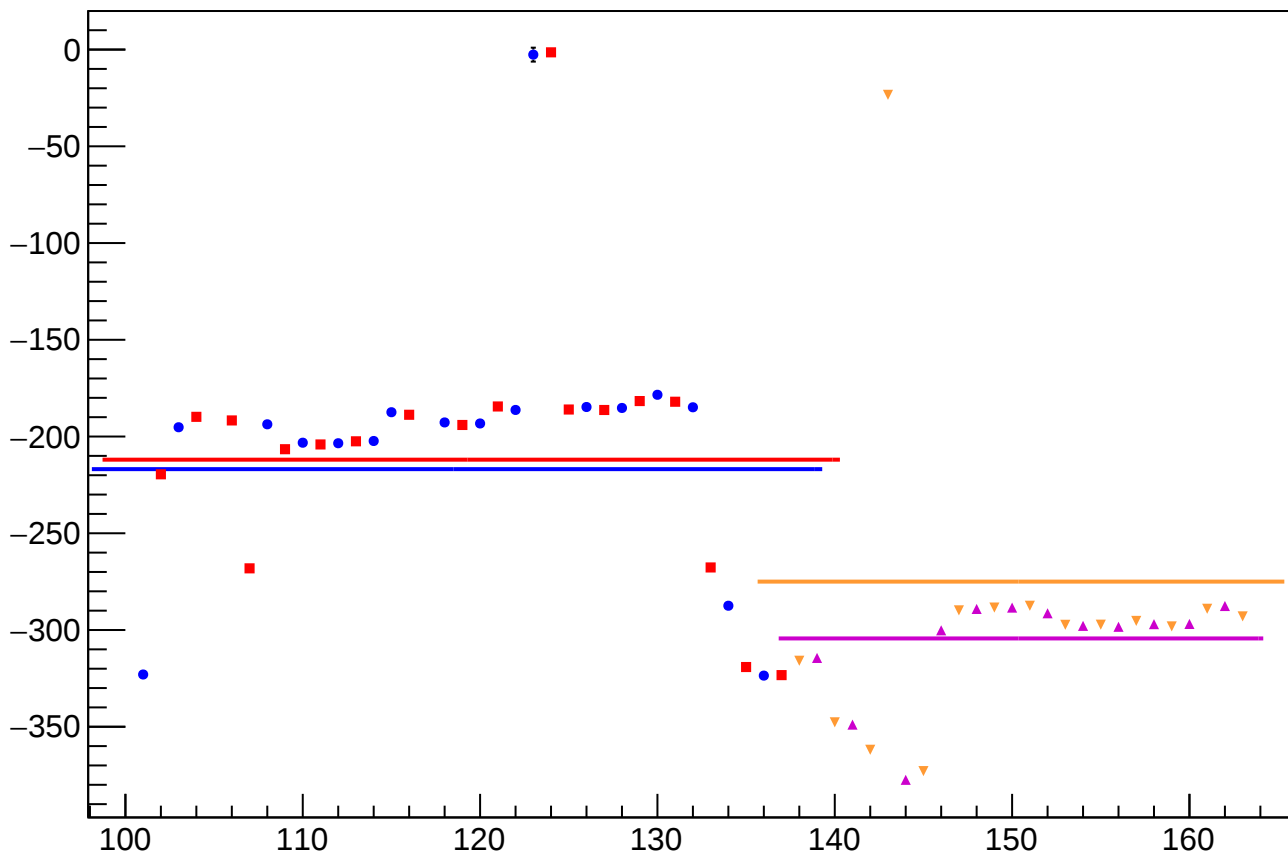
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 127.122 $\pm$ 1.667 χ^2 /NDF: 956.7/28

Out: 117.645 $\pm$ 1.609 χ^2 /NDF: 1189.1/31

All: 122.215 $\pm$ 1.157 χ^2 /NDF: 2162.5/60

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2 /NDF: 146927.1/16

Left Out: -274.983+/-0.117 χ^2 /NDF: 618753.8/13

Right Out: -211.961+/-0.131 χ^2 /NDF: 112091.8/17

Left In: -304.358+/-0.123 χ^2 /NDF: 37585.3/11

Left: -288.939+/-0.085 χ^2 /NDF: 686245.8/25

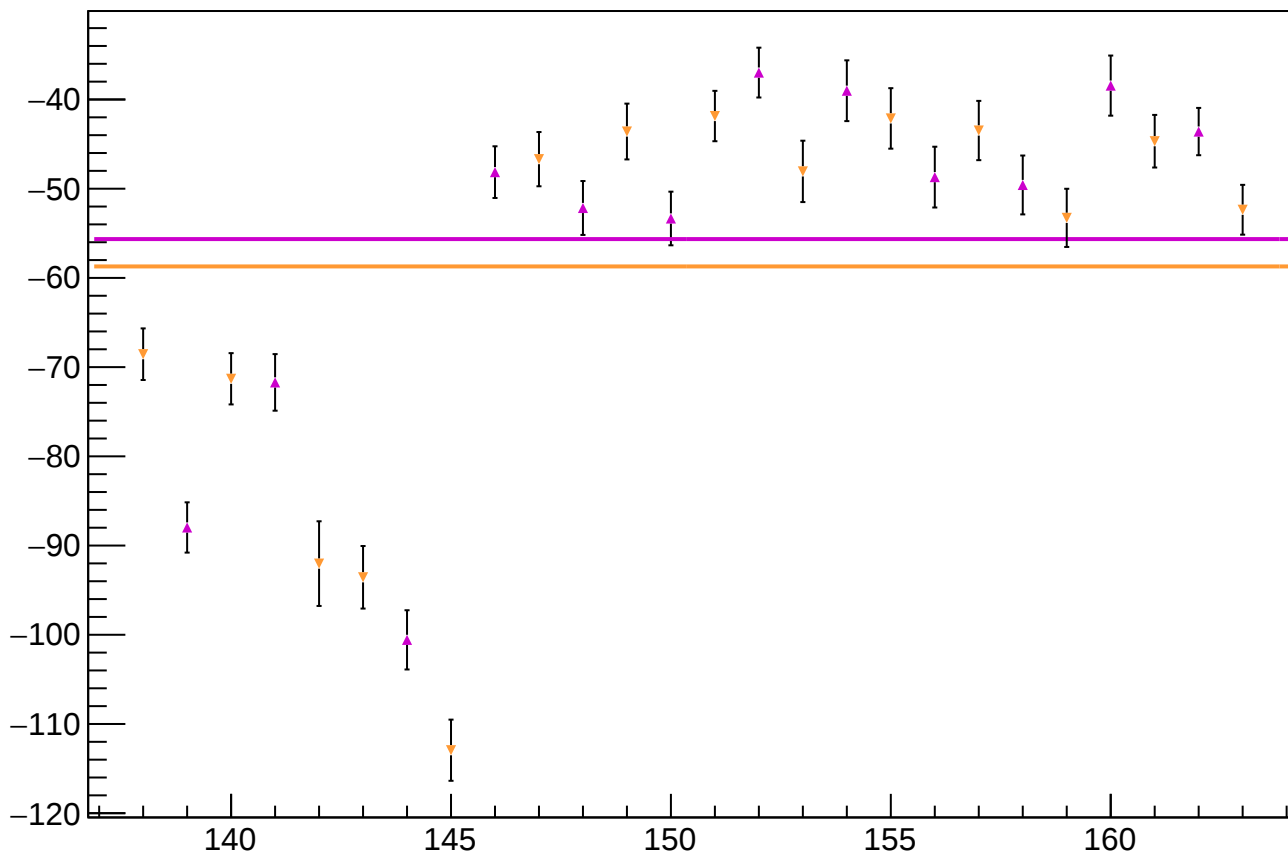
Right: -214.313+/-0.094 χ^2 /NDF: 259693.1/34

In: -264.919+/-0.091 χ^2 /NDF: 412376.5/28

Out: -246.914+/-0.087 χ^2 /NDF: 859883.2/31

All: -255.512+/-0.063 χ^2 /NDF: 1292620.2/60

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



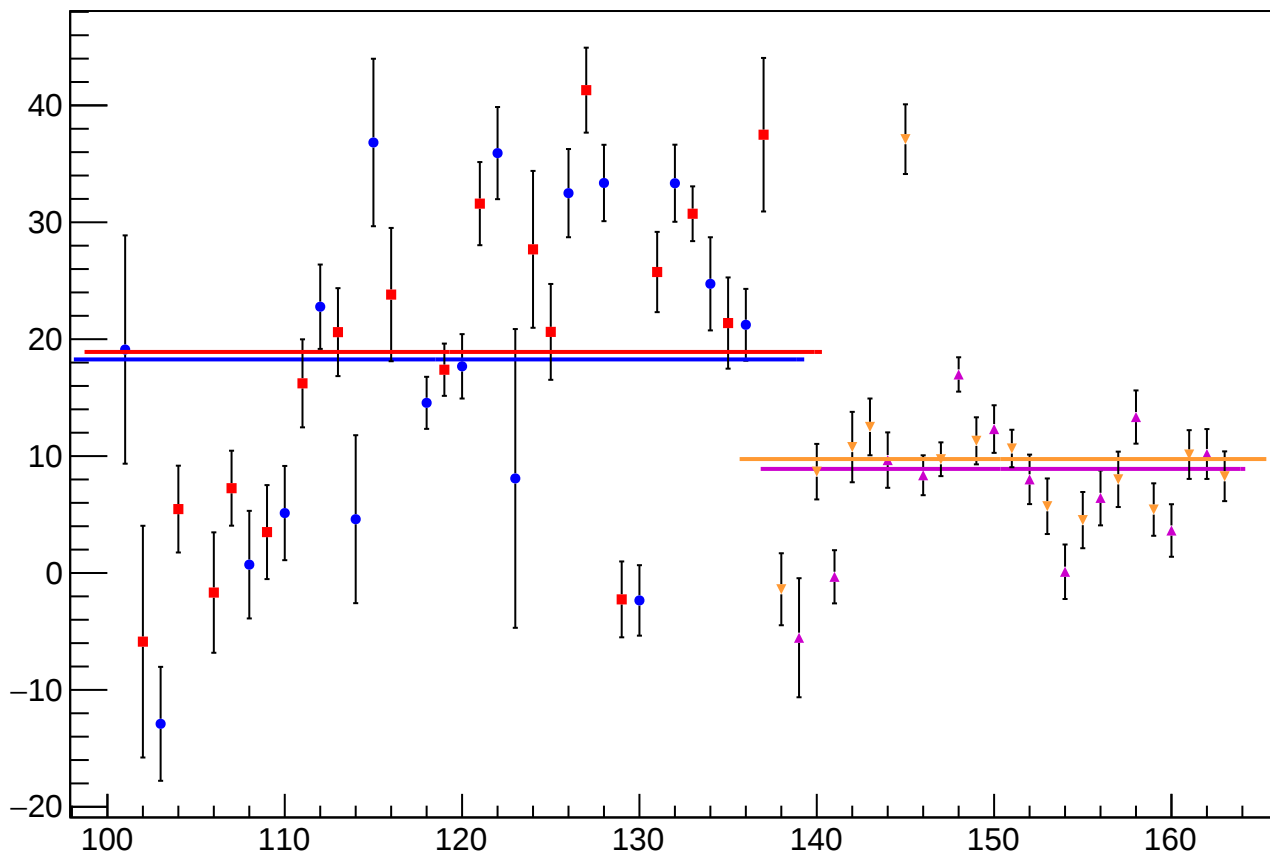
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.713+/-0.849 χ^2/NDF :588.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.647+/-0.884 χ^2/NDF :471.8/11

Left: -57.243+/-0.613 χ^2/NDF : 1066.9/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.647+/-0.884 χ^2/NDF :471.8/11
 Out: -58.713+/-0.849 χ^2/NDF :588.9/13

All: -57.243+/-0.613 χ^2/NDF : 1066.9/25

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.747 ± 0.580 χ^2/NDF : 112.2/13

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.903 ± 0.614 χ^2/NDF : 82.9/11

Left: 9.349 ± 0.422 χ^2/NDF : 196.1/25

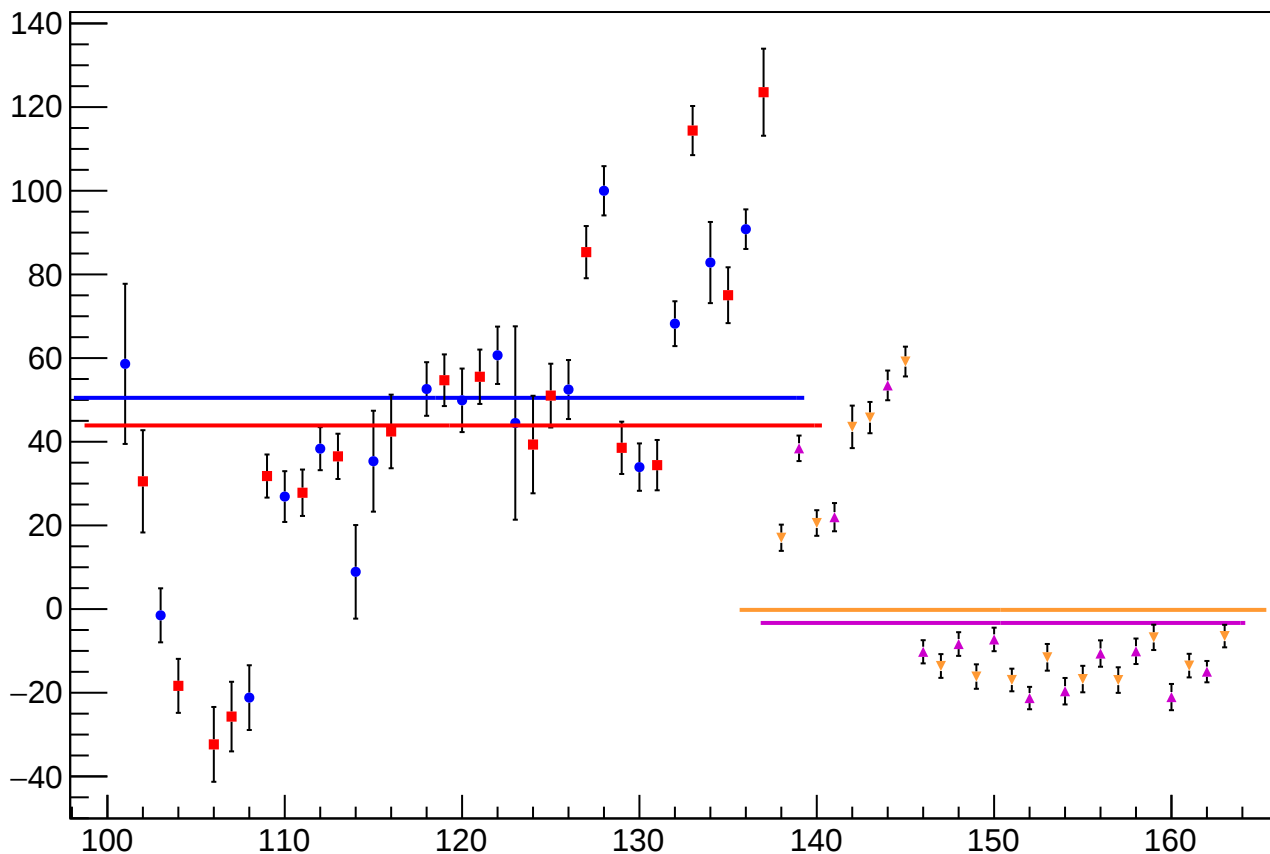
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.845 ± 0.508 χ^2/NDF : 364.4/28

Out: 12.595 ± 0.482 χ^2/NDF : 387.8/31

All: 12.240 ± 0.350 χ^2/NDF : 753.3/60

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: -0.193 ± 0.830 $\chi^2/\text{NDF}: 772.4/13$

Right Out: 43.895 ± 1.604 $\chi^2/\text{NDF}: 531.7/17$

Left In: -3.313 ± 0.858 $\chi^2/\text{NDF}: 645.3/11$

Left: -1.701 ± 0.596 $\chi^2/\text{NDF}: 1424.6/25$

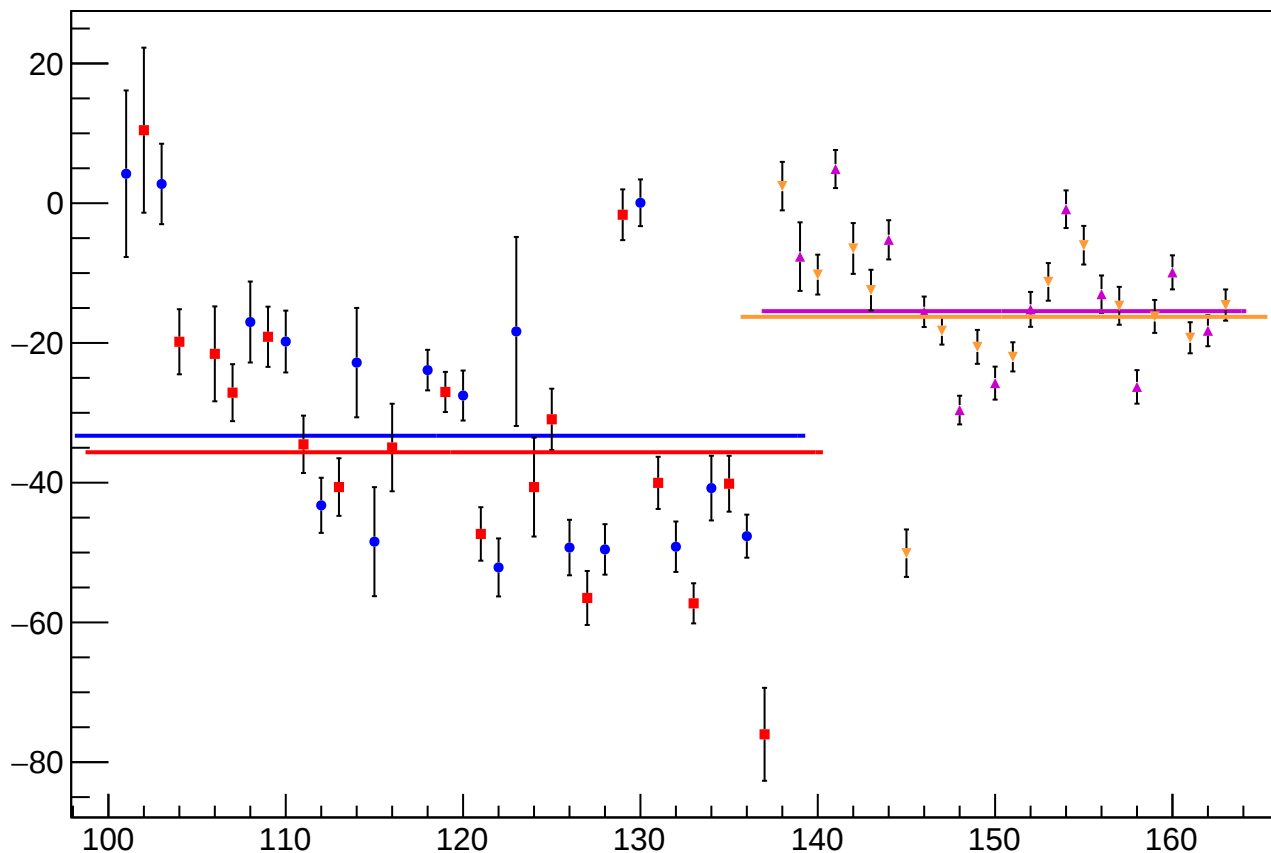
Right: 47.060 ± 1.157 $\chi^2/\text{NDF}: 903.0/34$

In: 7.912 ± 0.763 $\chi^2/\text{NDF}: 1829.3/28$

Out: 9.115 ± 0.737 $\chi^2/\text{NDF}: 1900.4/31$

All: 8.535 ± 0.530 $\chi^2/\text{NDF}: 3731.0/60$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.262 ± 0.686 χ^2/NDF : 173.3/13

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -15.448 ± 0.723 χ^2/NDF : 195.4/11

Left: -15.877 ± 0.498 χ^2/NDF : 369.3/25

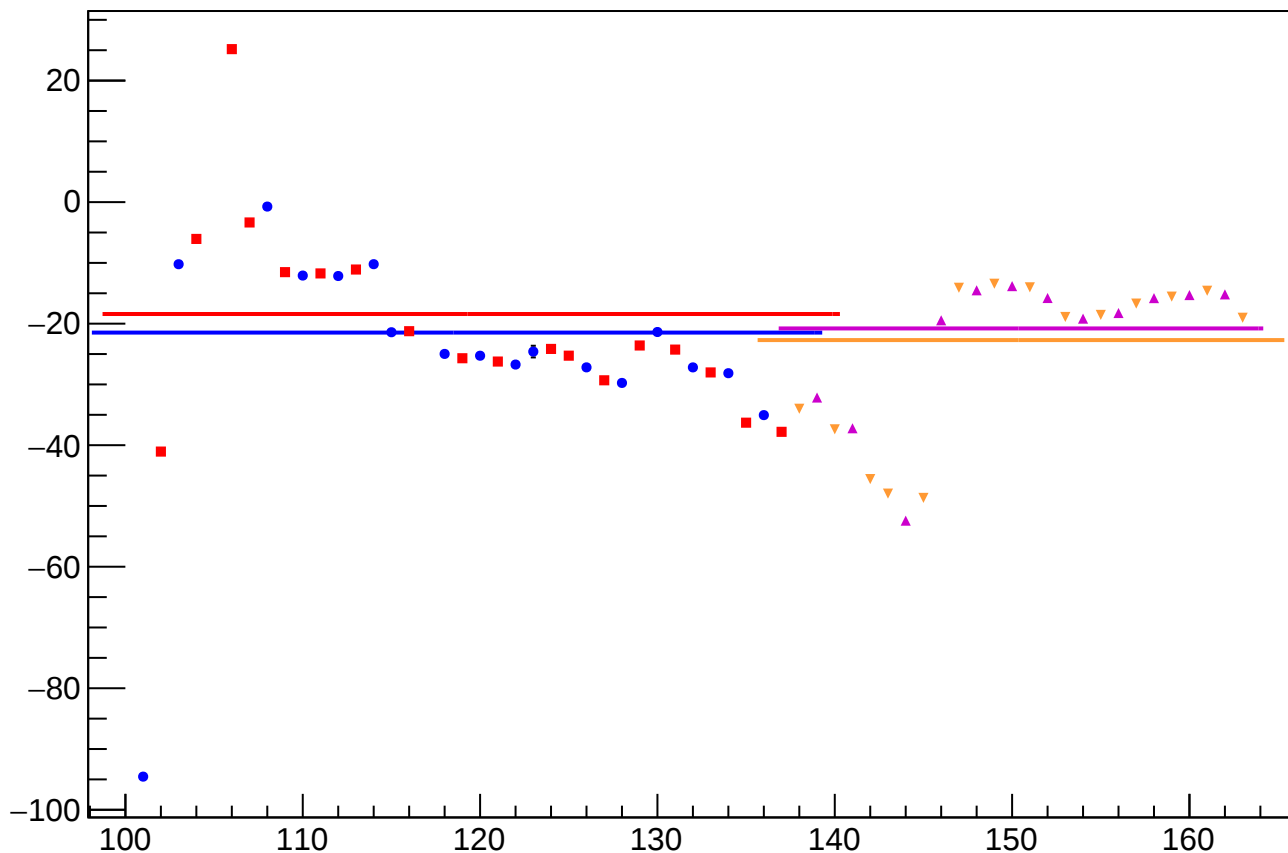
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -21.297 ± 0.593 χ^2/NDF : 687.9/28

Out: -22.525 ± 0.564 χ^2/NDF : 715.8/31

All: -21.941 ± 0.409 χ^2/NDF : 1405.9/60

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -22.703 ± 0.032 $\chi^2/\text{NDF}: 128216.5/13$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.787 ± 0.033 $\chi^2/\text{NDF}: 83946.9/11$

Left: -21.772 ± 0.023 $\chi^2/\text{NDF}: 213861.4/25$

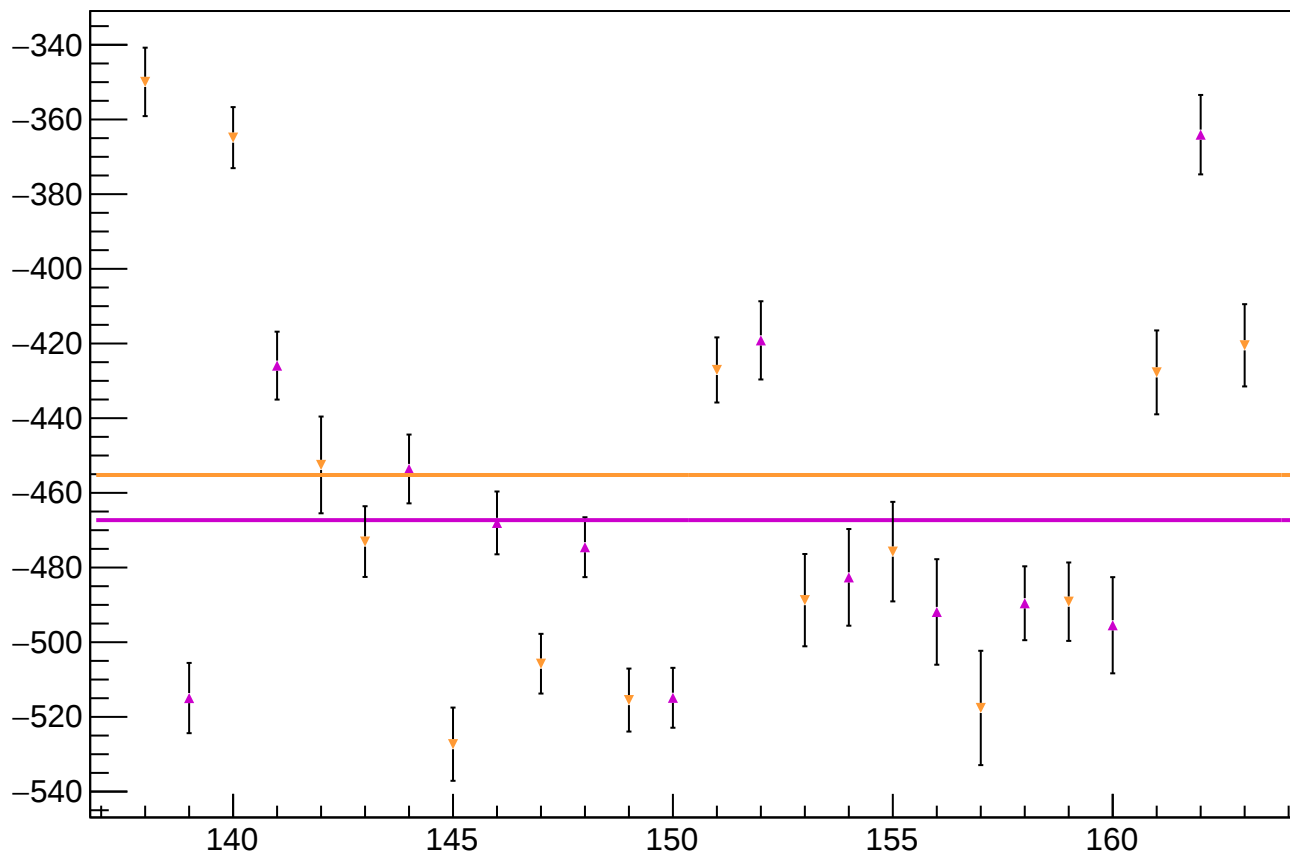
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.953 ± 0.029 $\chi^2/\text{NDF}: 133028.5/28$

Out: -21.665 ± 0.028 $\chi^2/\text{NDF}: 210044.7/31$

All: -21.319 ± 0.020 $\chi^2/\text{NDF}: 343382.9/60$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -455.214+/-2.683 χ^2/NDF :465.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -467.303+/-2.822 χ^2/NDF :214.2/11

Left: -460.954+/-1.945 χ^2/NDF : 689.7/25

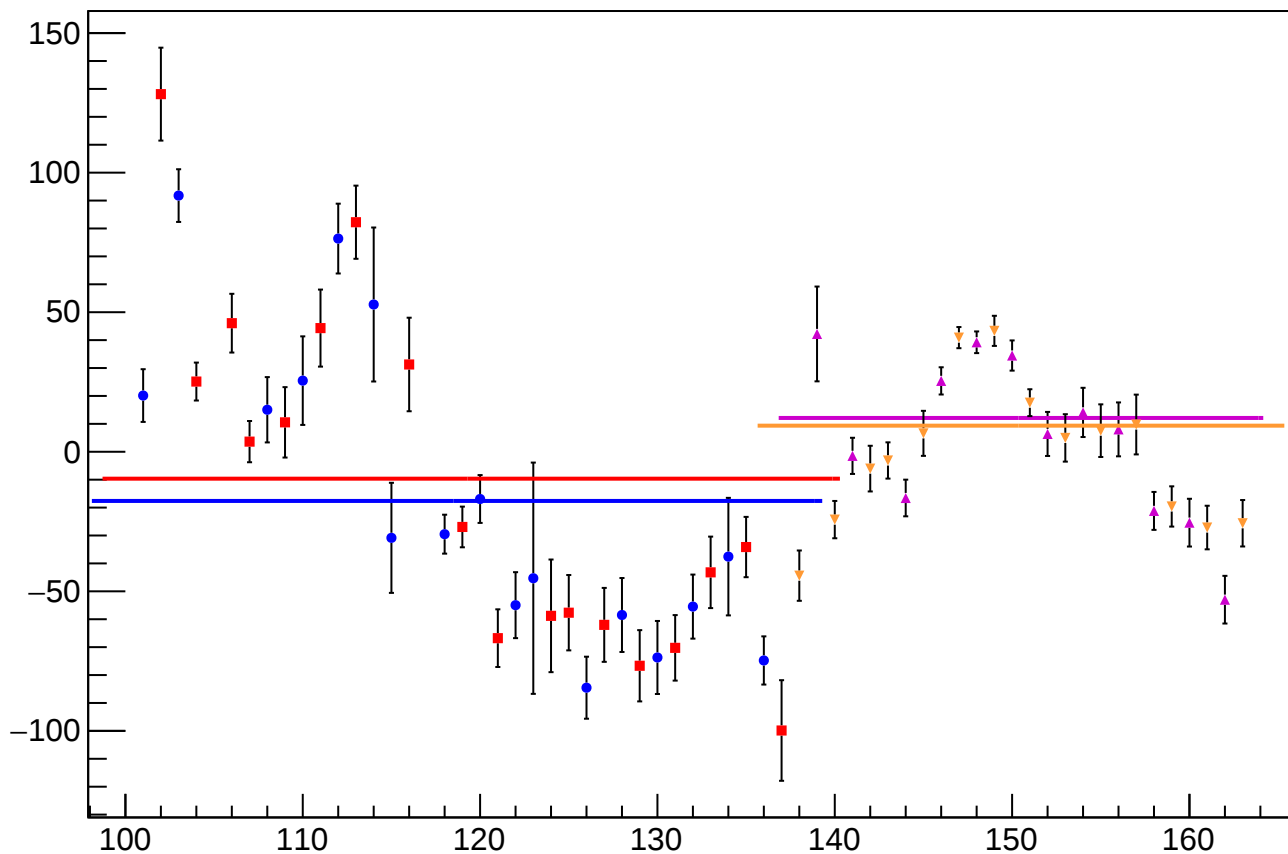
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.303+/-2.822 χ^2/NDF :214.2/11

Out: -455.214+/-2.683 χ^2/NDF :465.9/13

All: -460.954+/-1.945 χ^2/NDF : 689.7/25

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 9.353 ± 1.768 χ^2/NDF : 236.1/13

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: 12.114 ± 1.884 χ^2/NDF : 202.0/11

Left: 10.646 ± 1.289 χ^2/NDF : 439.2/25

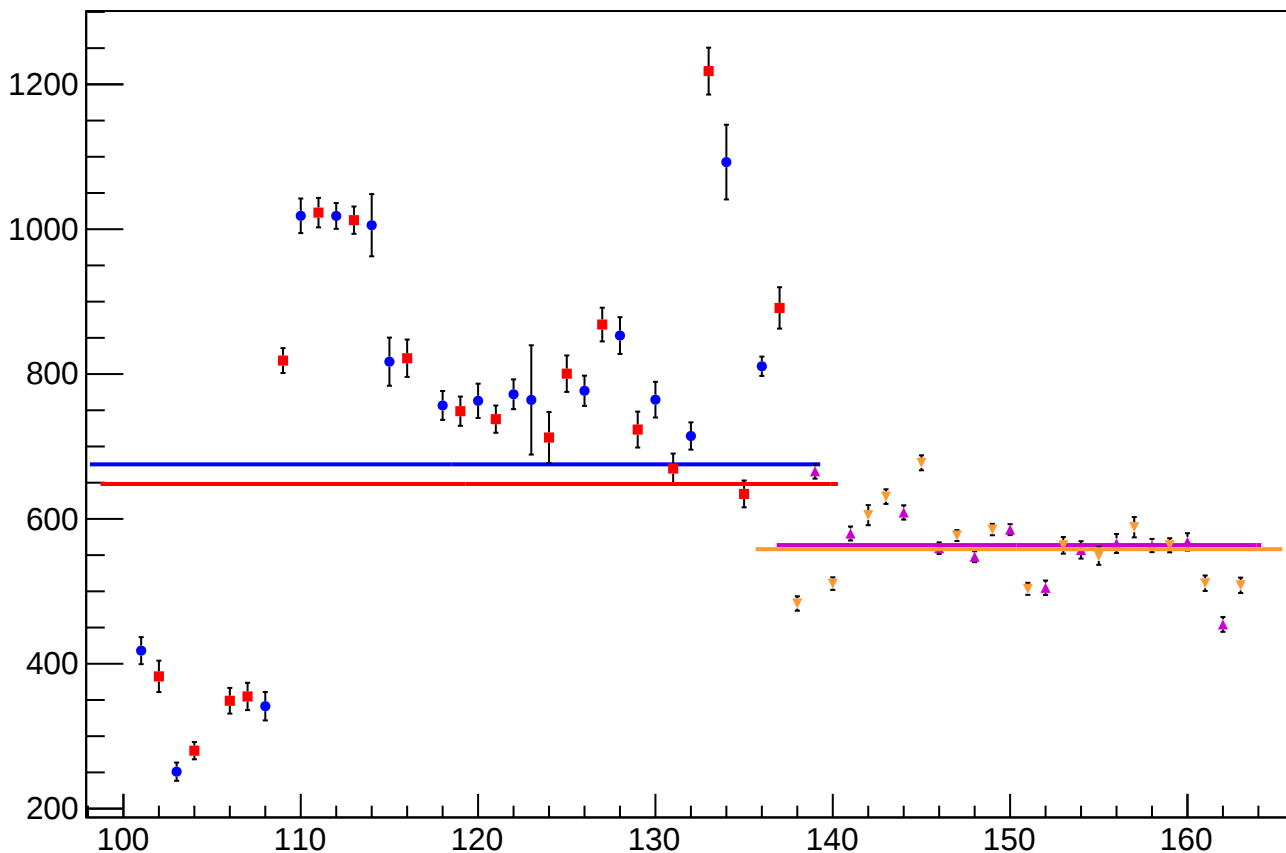
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: 2.783 ± 1.561 χ^2/NDF : 642.1/28

Out: 3.385 ± 1.464 χ^2/NDF : 633.0/31

All: 3.103 ± 1.068 χ^2/NDF : 1275.2/60

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 558.217 ± 2.640 $\chi^2/\text{NDF}: 391.6/13$

Right Out: 648.229 ± 4.775 $\chi^2/\text{NDF}: 3059.0/17$

Left In: 563.893 ± 2.745 $\chi^2/\text{NDF}: 286.3/11$

Left: 560.945 ± 1.903 $\chi^2/\text{NDF}: 680.1/25$

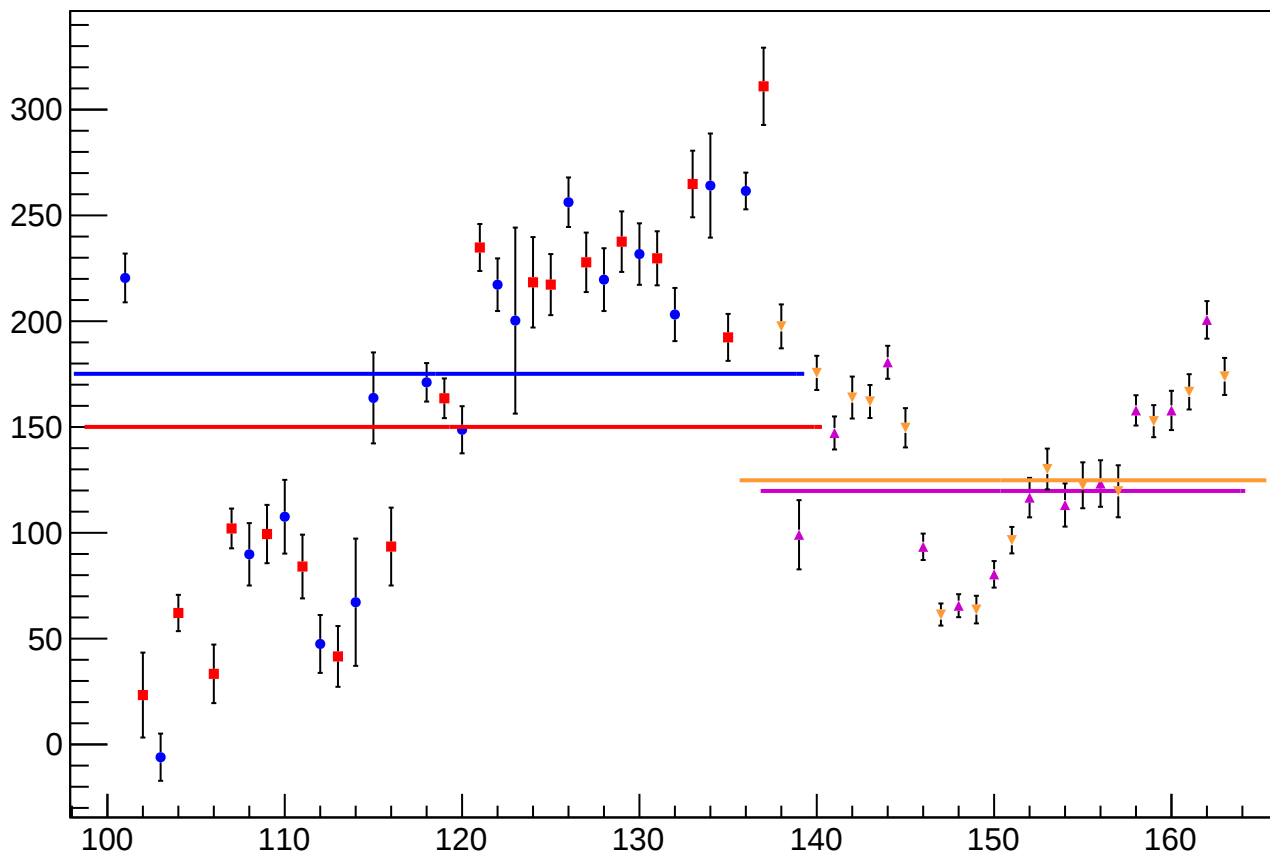
Right: 661.037 ± 3.468 $\chi^2/\text{NDF}: 5656.9/34$

In: 589.337 ± 2.411 $\chi^2/\text{NDF}: 3245.5/28$

Out: 579.296 ± 2.311 $\chi^2/\text{NDF}: 3722.7/31$

All: 584.103 ± 1.668 $\chi^2/\text{NDF}: 6977.2/60$

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: 124.832 $\pm$ 2.136 χ^2/NDF :460.1/13

Right Out: 150.054 $\pm$ 3.045 χ^2/NDF : 686.2/17

Left In: 119.783 $\pm$ 2.266 χ^2/NDF :360.4/11

Left: 122.457 $\pm$ 1.555 χ^2/NDF : 823.1/25

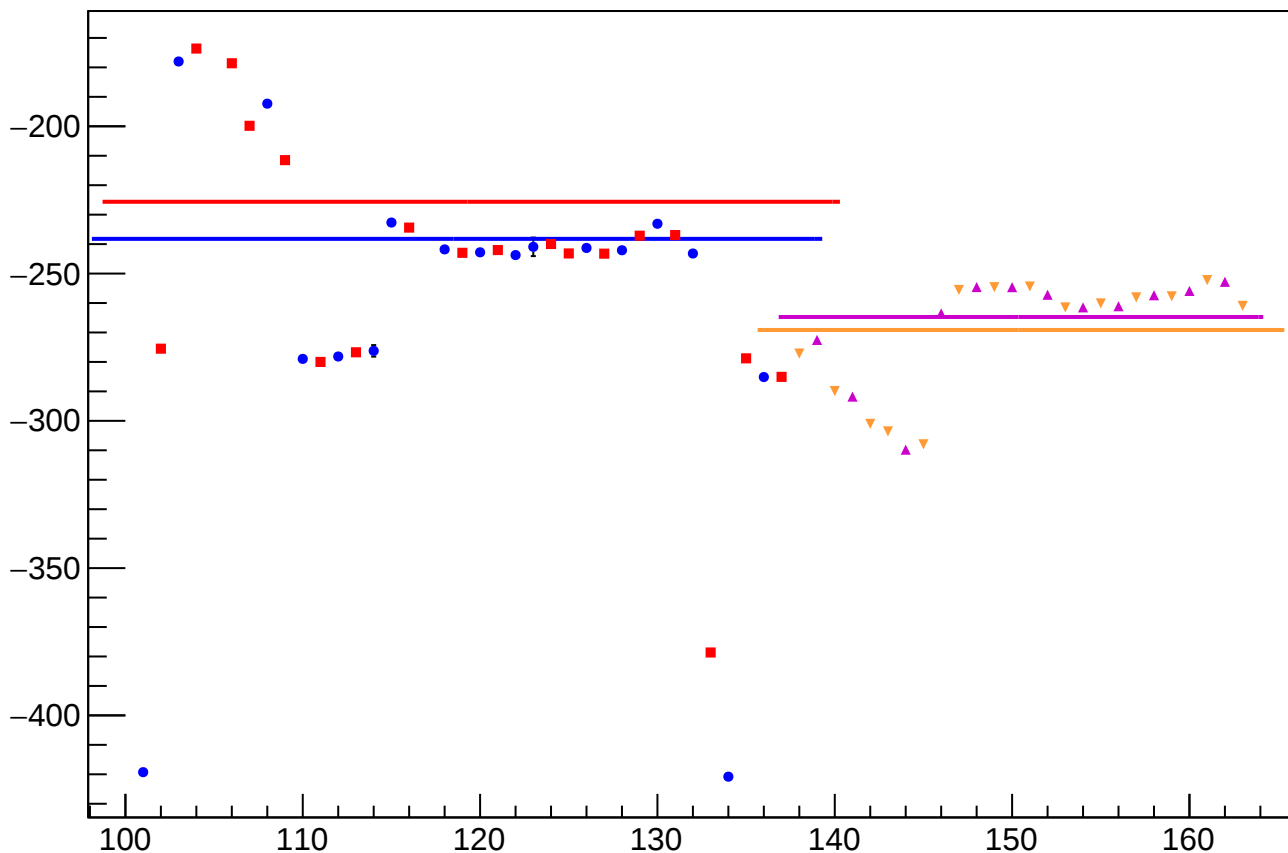
Right: 161.941 $\pm$ 2.209 χ^2/NDF : 1354.0/34

In: 138.206 $\pm$ 1.851 χ^2/NDF :1194.5/28

Out: 133.150 $\pm$ 1.749 χ^2/NDF :1192.3/31

All: 135.534 $\pm$ 1.271 χ^2/NDF : 2390.7/60

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -269.148+/-0.106 χ^2/NDF : 32390.8/13

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -264.740+/-0.109 χ^2/NDF : 20455.2/11

Left: -267.003+/-0.076 χ^2/NDF : 53685.4/25

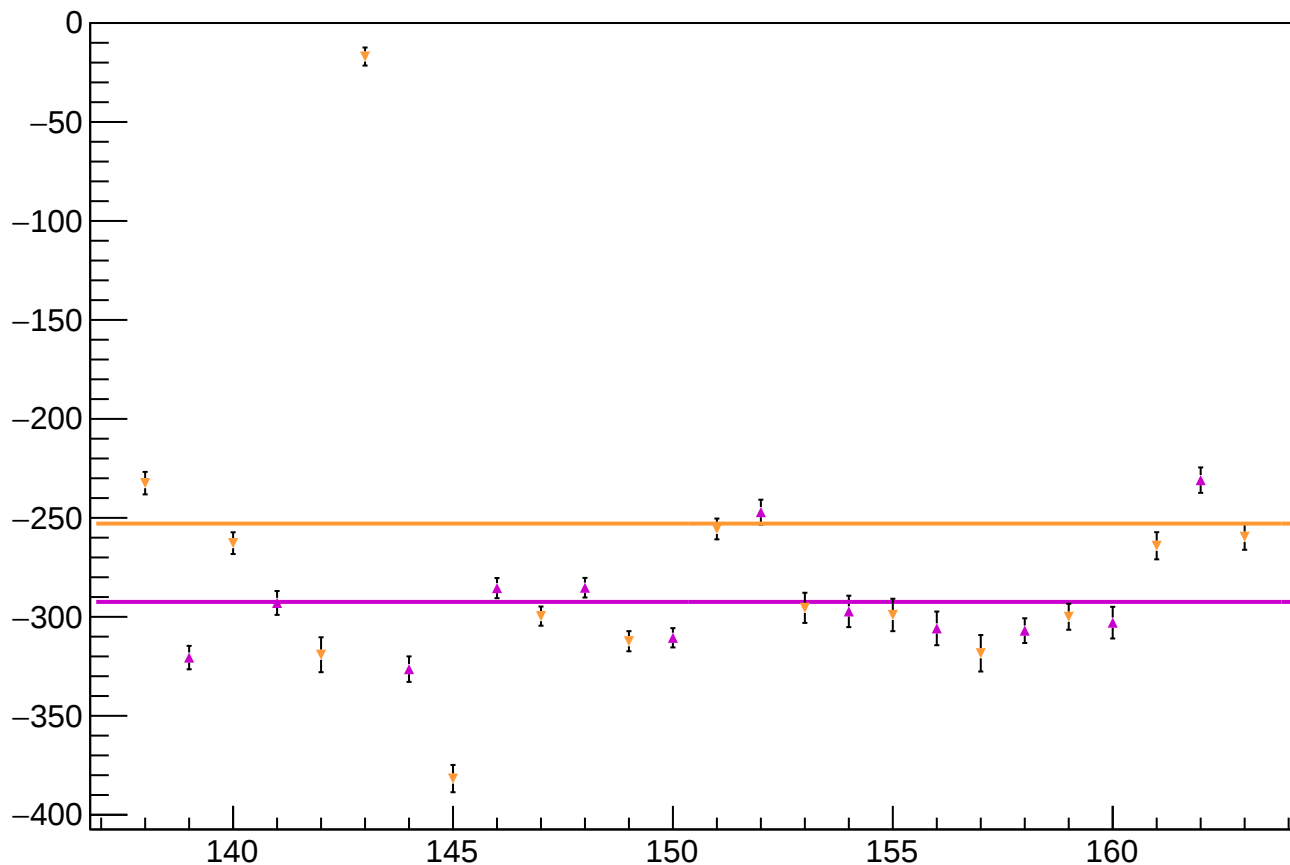
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.335+/-0.090 χ^2/NDF : 206309.9/28

Out: -254.827+/-0.087 χ^2/NDF : 183167.6/31

All: -255.554+/-0.063 χ^2/NDF : 389622.6/60

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -252.887 ± 1.633 $\chi^2/\text{NDF}: 3495.0/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -292.456 ± 1.762 $\chi^2/\text{NDF}: 221.7/11$

Left: -271.169 ± 1.198 $\chi^2/\text{NDF}: 3987.9/25$

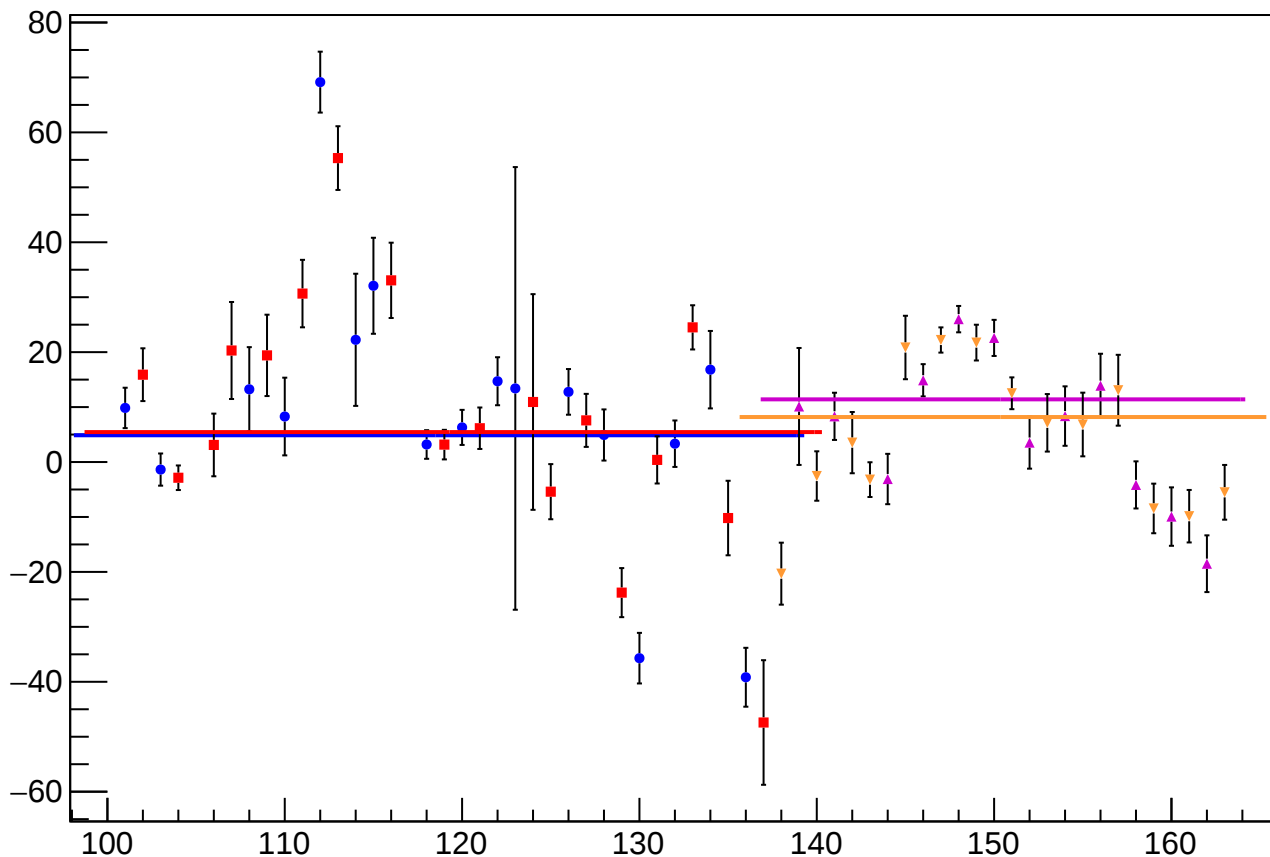
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -292.456 ± 1.762 $\chi^2/\text{NDF}: 221.7/11$

Out: -252.887 ± 1.633 $\chi^2/\text{NDF}: 3495.0/13$

All: -271.169 ± 1.198 $\chi^2/\text{NDF}: 3987.9/25$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2/NDF : 311.5/16

Left Out: 8.189 $\pm$ 1.072 χ^2/NDF :142.7/13

Right Out: 5.450 $\pm$ 1.071 χ^2/NDF : 231.5/17

Left In: 11.407 $\pm$ 1.172 χ^2/NDF :126.6/11

Left: 9.655 $\pm$ 0.791 χ^2/NDF : 273.4/25

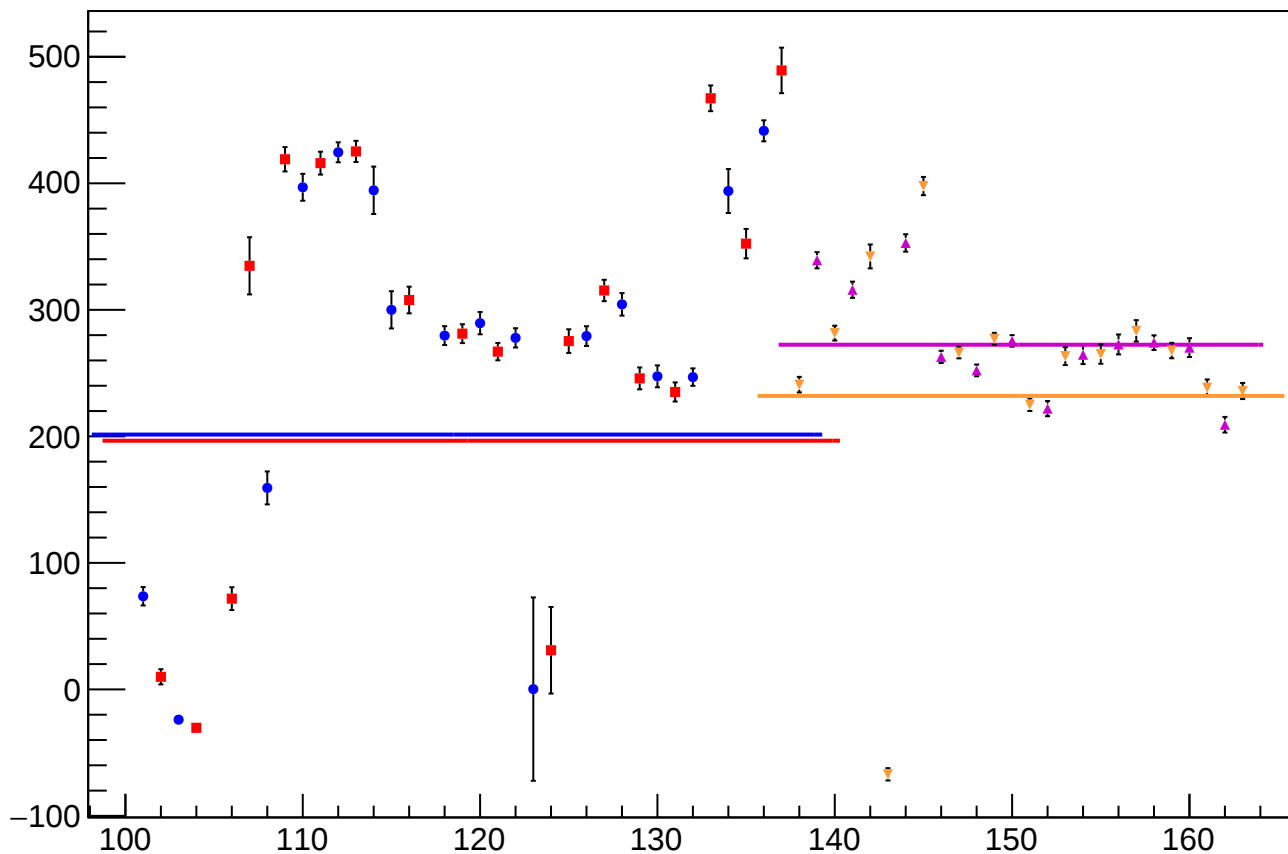
Right: 5.165 $\pm$ 0.764 χ^2/NDF : 543.2/34

In: 7.904 $\pm$ 0.798 χ^2/NDF :454.8/28

Out: 6.818 $\pm$ 0.758 χ^2/NDF :377.5/31

All: 7.333 $\pm$ 0.550 χ^2/NDF : 833.3/60

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407+/-1.974 χ^2/NDF : 6740.4/16

Left Out: 231.979+/-1.607 χ^2/NDF : 4774.5/13

Right Out: 196.565+/-1.931 χ^2/NDF : 8178.1/17

Left In: 272.426+/-1.708 χ^2/NDF : 490.3/11

Left: 250.970+/-1.170 χ^2/NDF : 5562.4/25

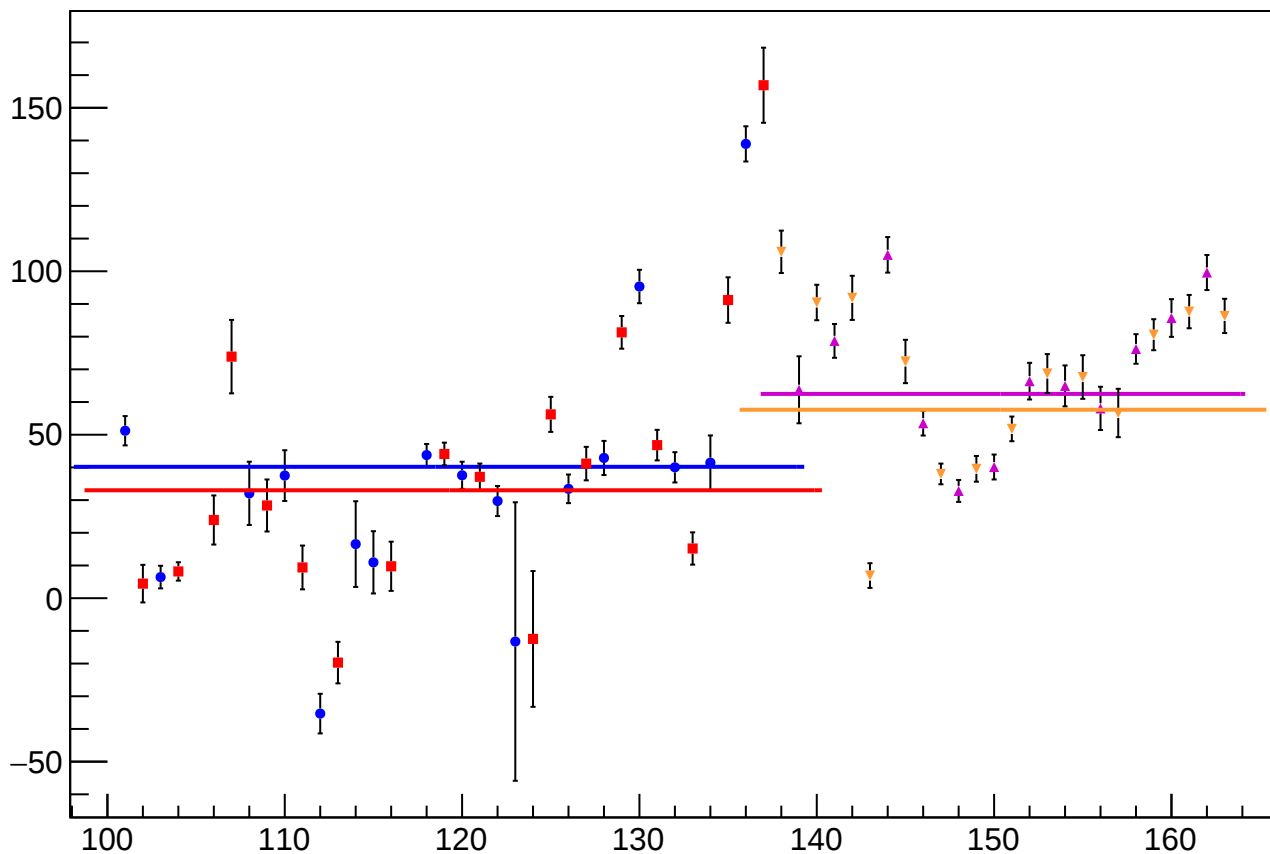
Right: 198.933+/-1.380 χ^2/NDF : 14921.6/34

In: 242.020+/-1.291 χ^2/NDF : 7971.2/28

Out: 217.494+/-1.235 χ^2/NDF : 13151.3/31

All: 229.211+/-0.893 χ^2/NDF : 21310.9/60

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: 57.643 $\pm$ 1.296 χ^2 /NDF: 458.7/13

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 62.486 $\pm$ 1.411 χ^2 /NDF: 263.6/11

Left: 59.858 $\pm$ 0.954 χ^2 /NDF: 728.6/25

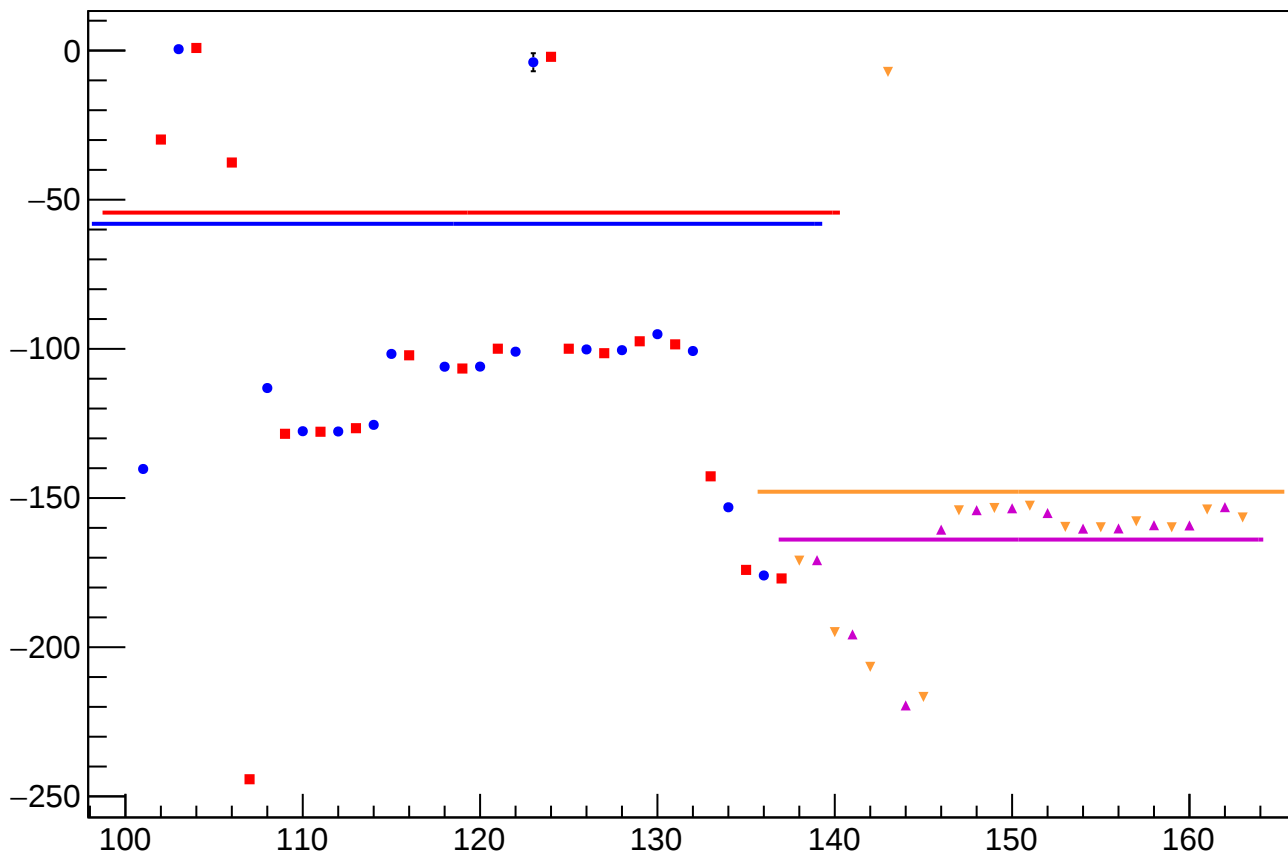
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 50.165 $\pm$ 0.944 χ^2 /NDF: 1135.6/28

Out: 44.912 $\pm$ 0.901 χ^2 /NDF: 1192.6/31

All: 47.415 $\pm$ 0.652 χ^2 /NDF: 2344.5/60

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -147.882 $\pm$ 0.065 χ^2 /NDF: 656135.7/13

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -163.922 $\pm$ 0.068 χ^2 /NDF: 60043.6/11

Left: -155.510 $\pm$ 0.047 χ^2 /NDF: 745550.3/25

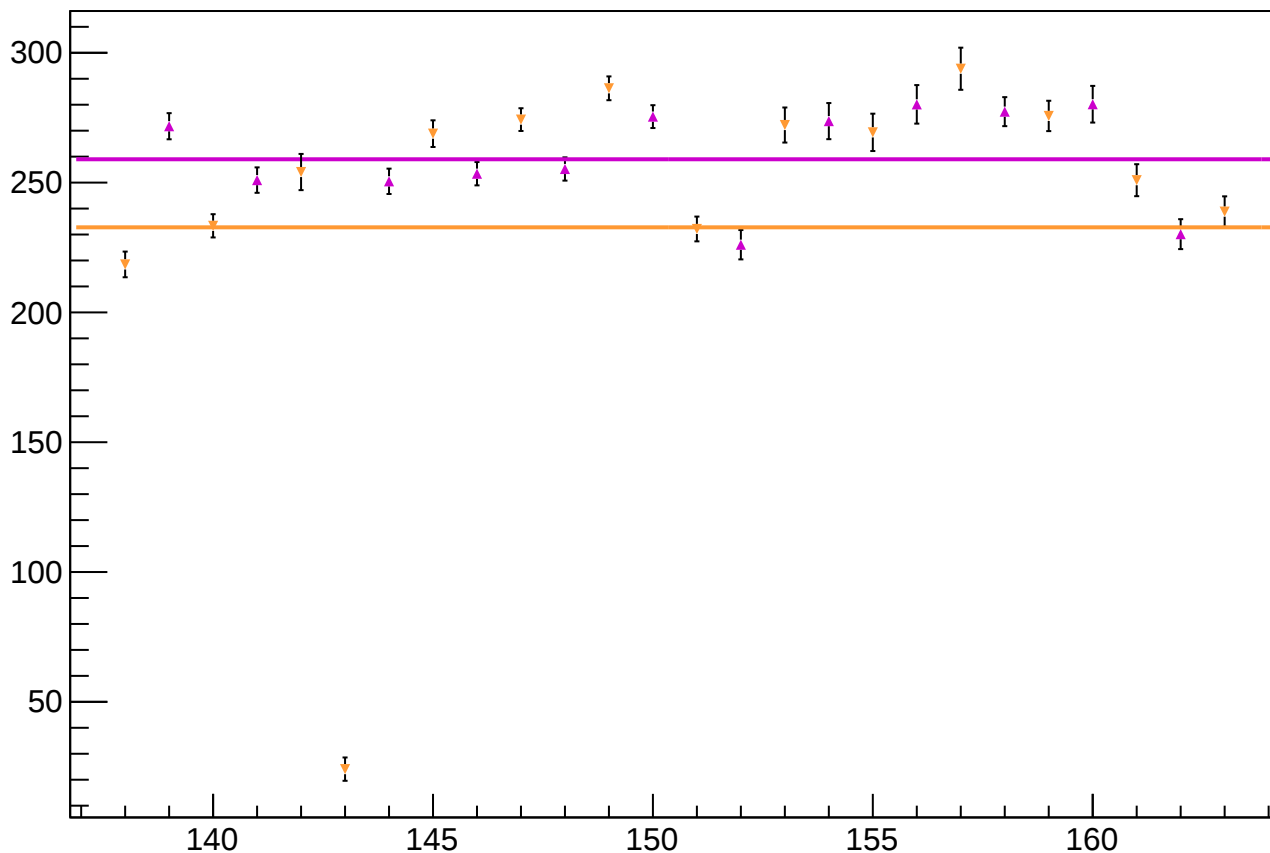
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -105.976 $\pm$ 0.046 χ^2 /NDF: 2499674.1/28

Out: -98.033 $\pm$ 0.044 χ^2 /NDF: 2766727.4/31

All: -101.874 $\pm$ 0.032 χ^2 /NDF: 5282073.9/60

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 232.771 $\pm$ 1.438 χ^2/NDF :2632.6/13

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 258.986 $\pm$ 1.531 χ^2/NDF :119.6/11

Left: 245.056 $\pm$ 1.048 χ^2/NDF : 2907.9/25

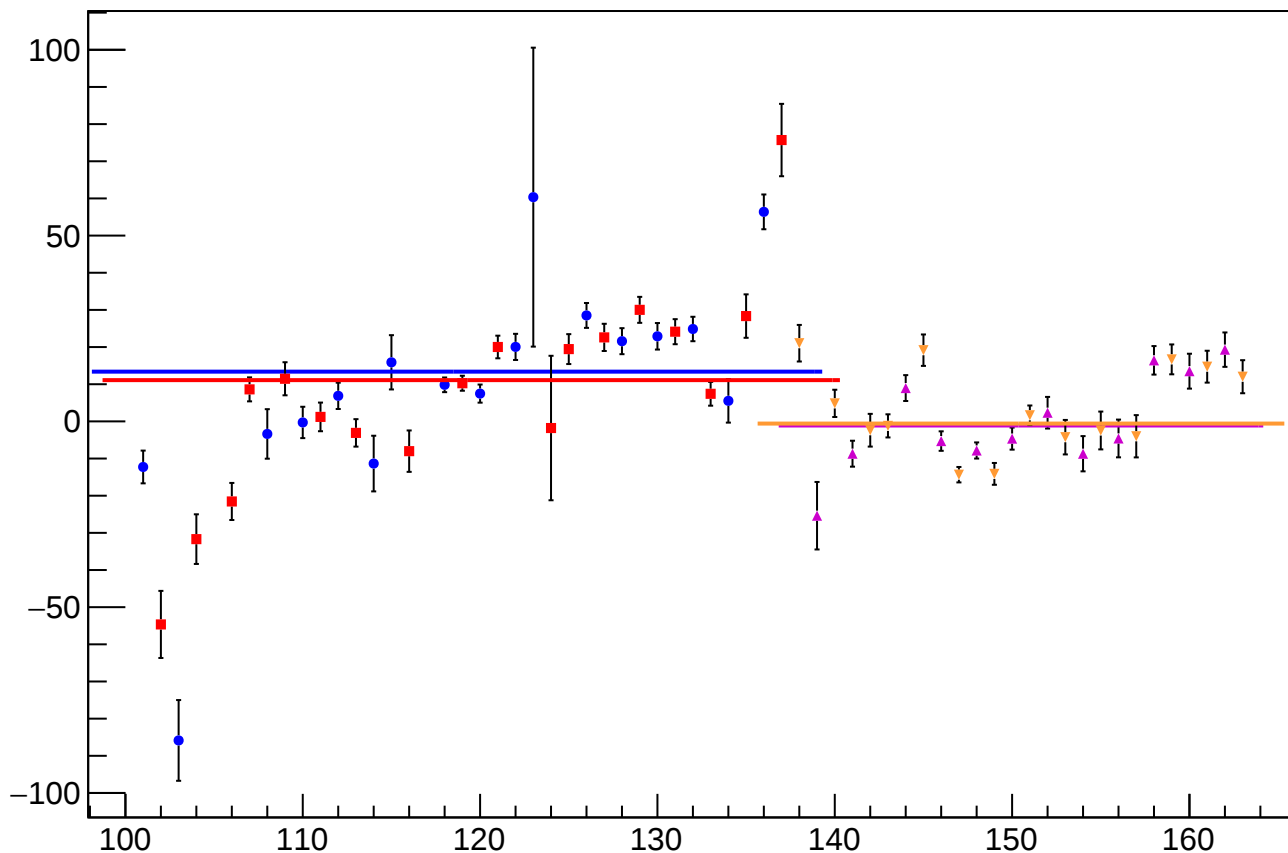
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 258.986 $\pm$ 1.531 χ^2/NDF :119.6/11

Out: 232.771 $\pm$ 1.438 χ^2/NDF :2632.6/13

All: 245.056 $\pm$ 1.048 χ^2/NDF : 2907.9/25

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.591 ± 0.953 $\chi^2/\text{NDF}: 149.7/13$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -1.107 ± 1.028 $\chi^2/\text{NDF}: 87.5/11$

Left: -0.829 ± 0.699 $\chi^2/\text{NDF}: 237.4/25$

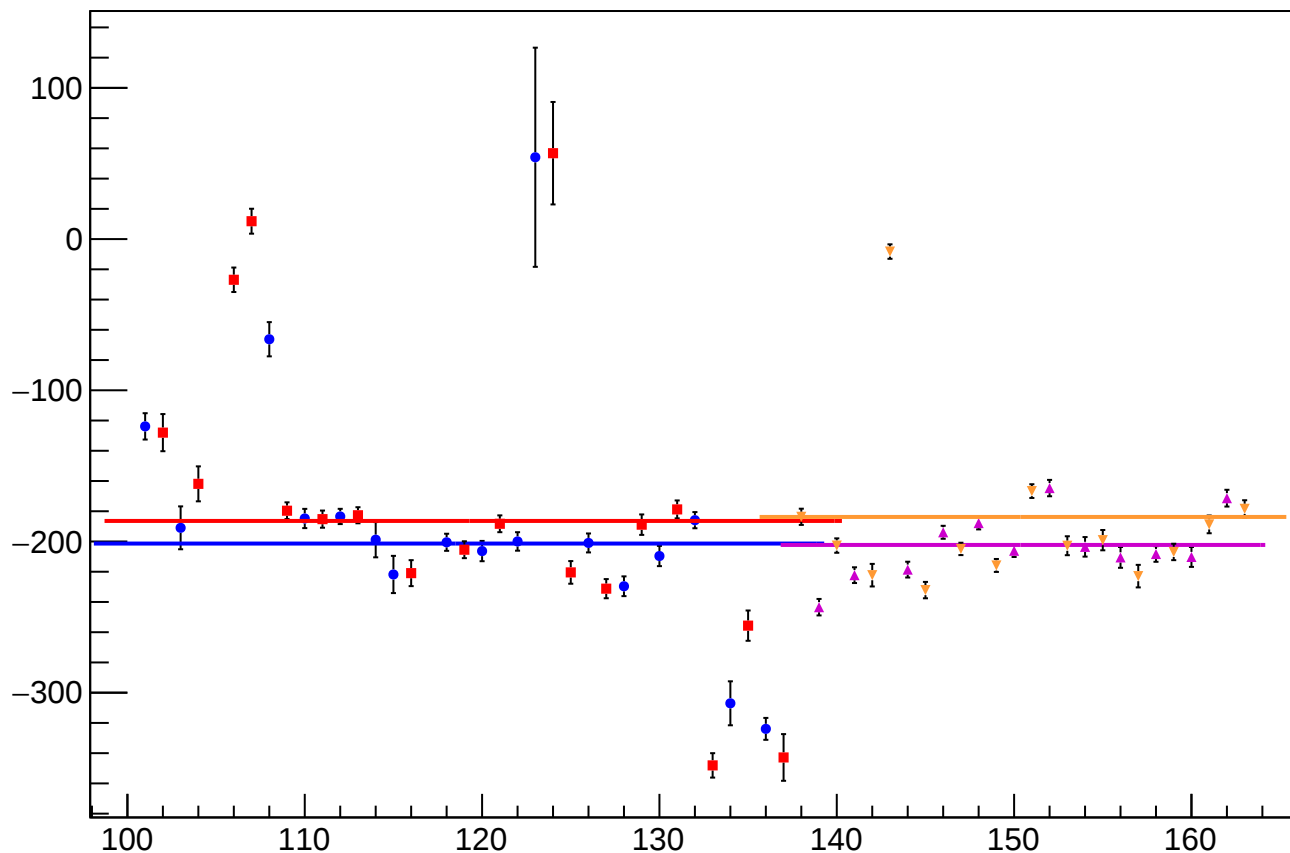
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.933 ± 0.686 $\chi^2/\text{NDF}: 491.8/28$

Out: 5.490 ± 0.660 $\chi^2/\text{NDF}: 520.3/31$

All: 6.183 ± 0.476 $\chi^2/\text{NDF}: 1014.3/60$

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: -183.768 ± 1.419 χ^2/NDF : 1622.8/13

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -202.282 ± 1.491 χ^2/NDF : 181.7/11

Left: -192.564 ± 1.028 χ^2/NDF : 1885.4/25

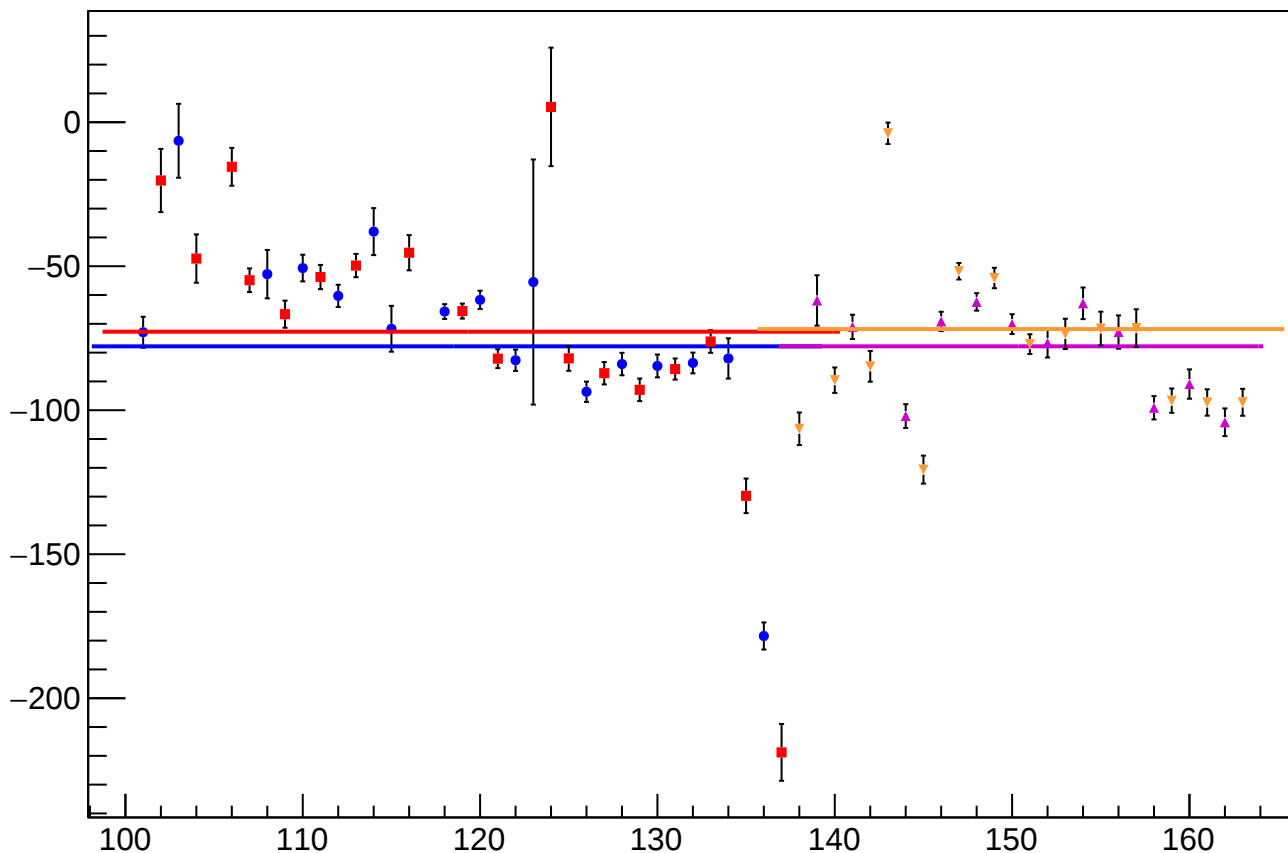
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -201.905 ± 1.144 χ^2/NDF : 806.9/28

Out: -184.850 ± 1.090 χ^2/NDF : 3323.7/31

All: -192.966 ± 0.789 χ^2/NDF : 4247.0/60

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -71.826 ± 1.149 $\chi^2/\text{NDF}: 665.9/13$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -77.810 ± 1.235 $\chi^2/\text{NDF}: 150.4/11$

Left: -74.603 ± 0.841 $\chi^2/\text{NDF}: 828.8/25$

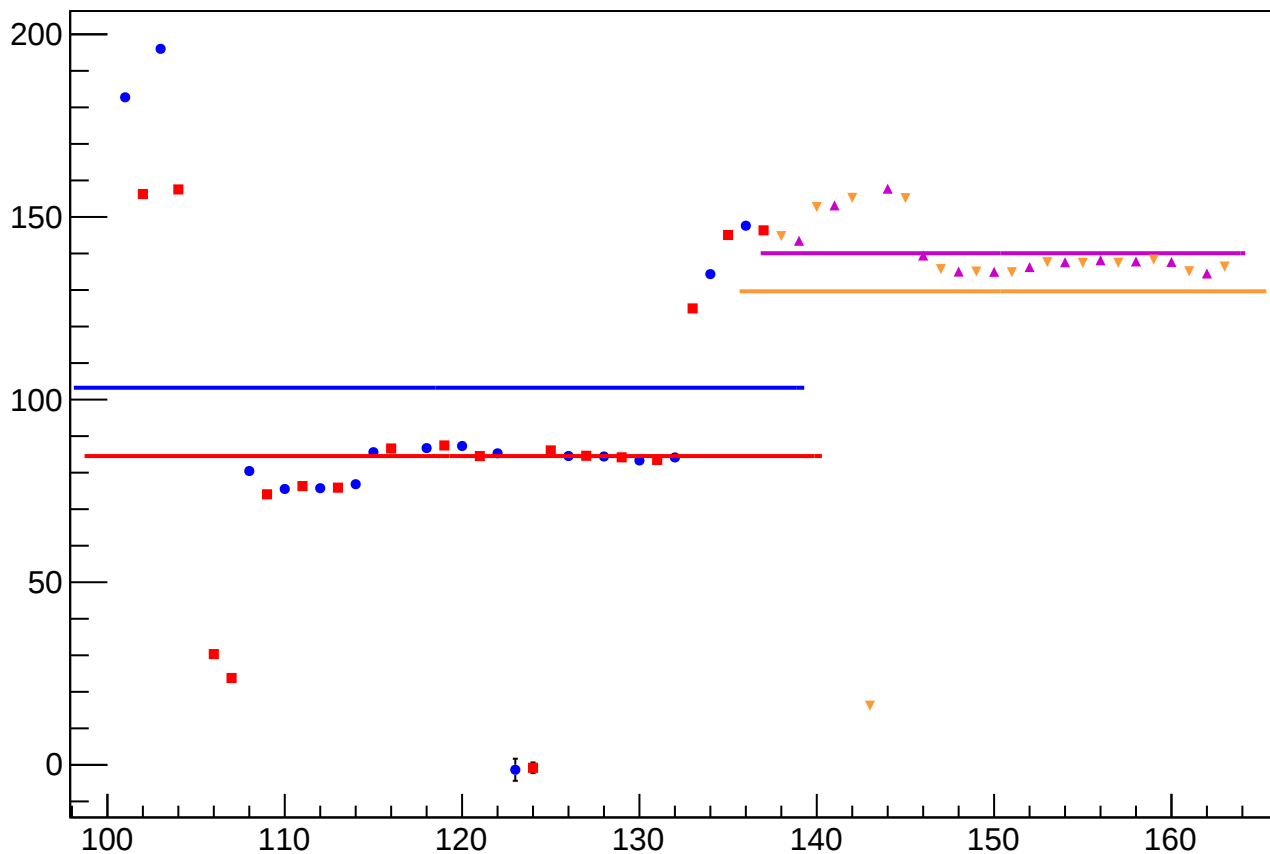
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -77.815 ± 0.808 $\chi^2/\text{NDF}: 806.7/28$

Out: -72.319 ± 0.777 $\chi^2/\text{NDF}: 1265.2/31$

All: -74.959 ± 0.560 $\chi^2/\text{NDF}: 2096.0/60$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 129.650 $\pm$ 0.057 χ^2 /NDF: 396476.8/13

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 140.074 $\pm$ 0.059 χ^2 /NDF: 13198.0/11

Left: 134.658 $\pm$ 0.041 χ^2 /NDF: 425773.4/25

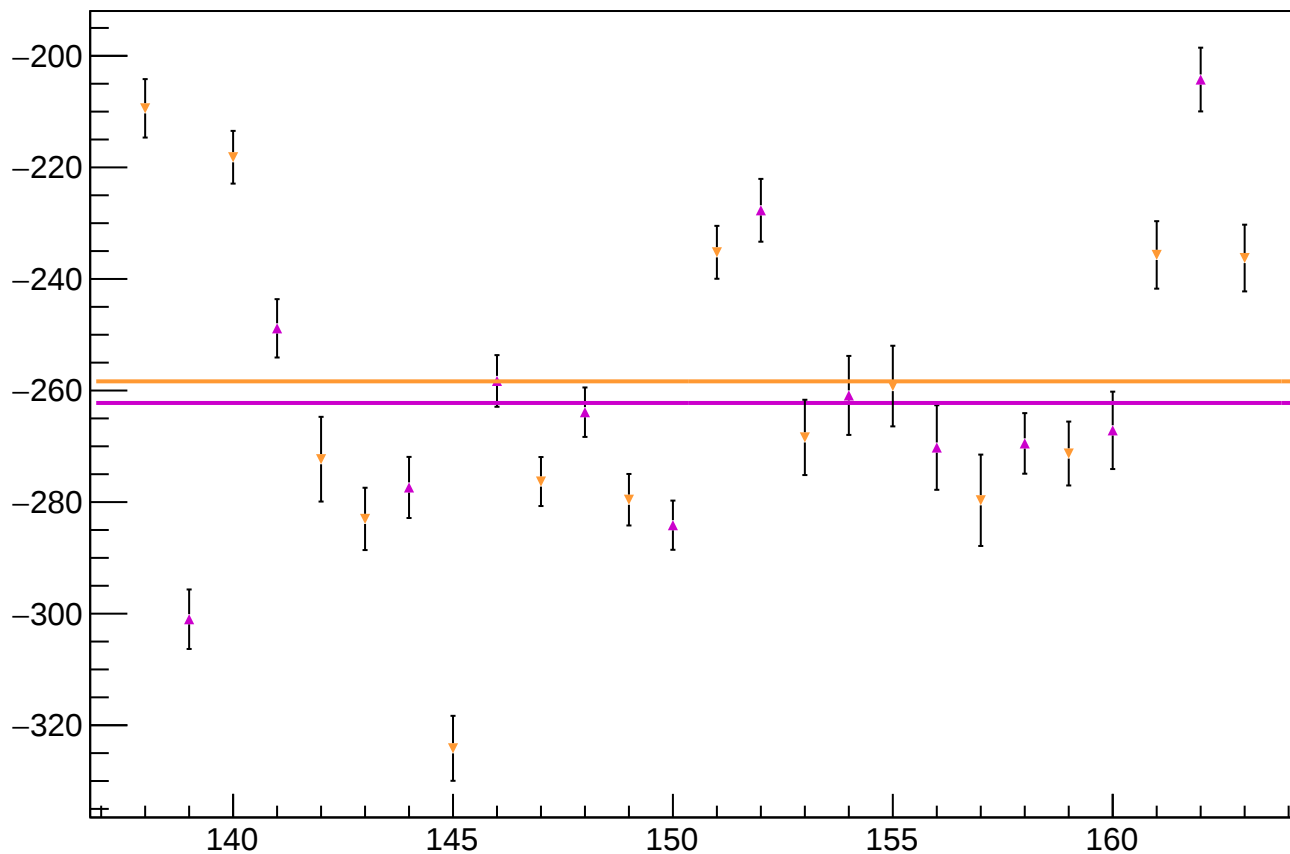
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 124.829 $\pm$ 0.045 χ^2 /NDF: 446681.4/28

Out: 109.689 $\pm$ 0.043 χ^2 /NDF: 1085563.8/31

All: 116.774 $\pm$ 0.031 χ^2 /NDF: 1591580.2/60

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -258.355 $\pm$ 1.499 χ^2/NDF :413.5/13

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -262.229 $\pm$ 1.565 χ^2/NDF :236.6/11

Left: -260.208 $\pm$ 1.083 χ^2/NDF : 653.3/25

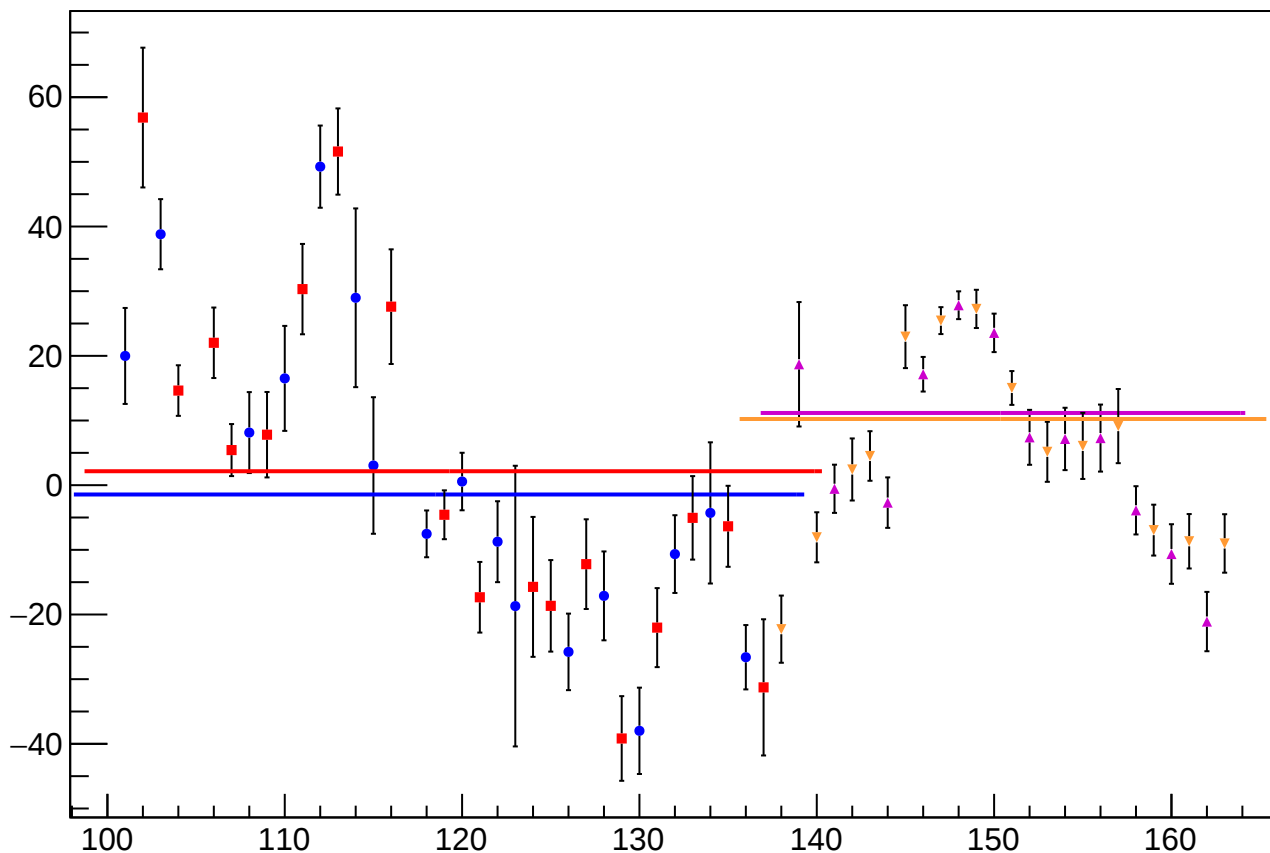
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -262.229 $\pm$ 1.565 χ^2/NDF :236.6/11

Out: -258.355 $\pm$ 1.499 χ^2/NDF :413.5/13

All: -260.208 $\pm$ 1.083 χ^2/NDF : 653.3/25

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: 10.235 ± 0.983 $\chi^2/\text{NDF}: 222.5/13$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 11.166 ± 1.043 $\chi^2/\text{NDF}: 195.7/11$

Left: 10.673 ± 0.715 $\chi^2/\text{NDF}: 418.6/25$

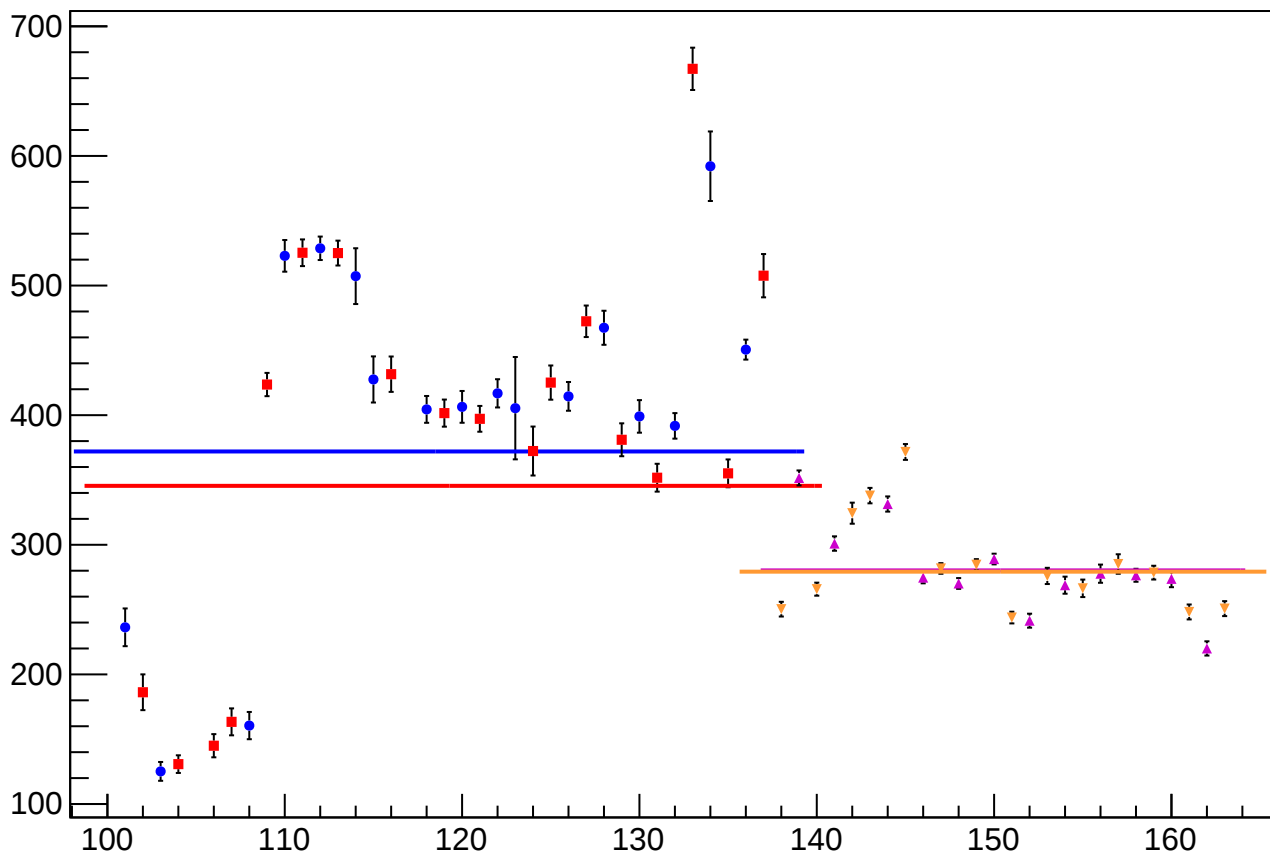
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 7.117 ± 0.859 $\chi^2/\text{NDF}: 467.1/28$

Out: 7.569 ± 0.805 $\chi^2/\text{NDF}: 474.9/31$

All: 7.358 ± 0.587 $\chi^2/\text{NDF}: 942.1/60$

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: 279.264 $\pm$ 1.469 χ^2 /NDF: 510.9/13

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 280.245 $\pm$ 1.518 χ^2 /NDF: 431.2/11

Left: 279.738 $\pm$ 1.056 χ^2 /NDF: 942.3/25

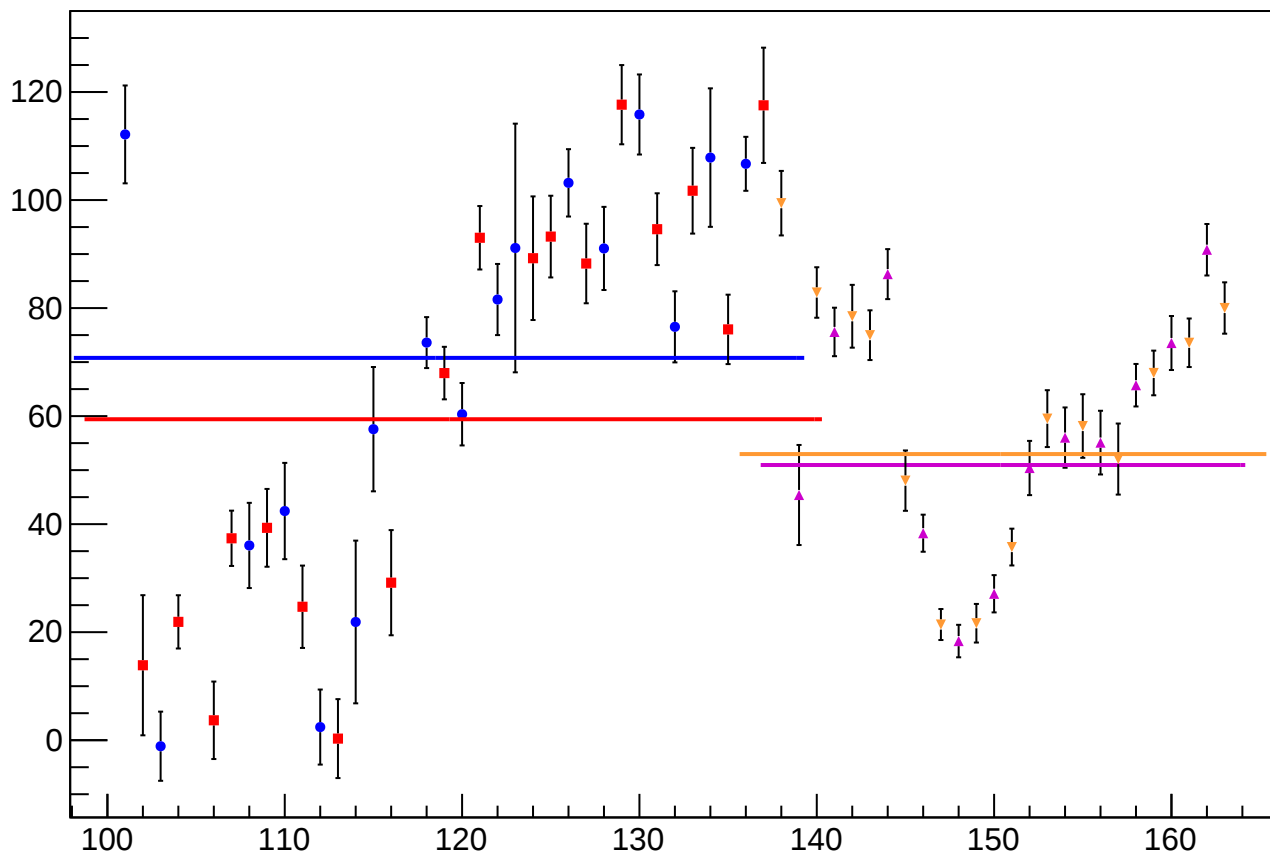
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 301.499 $\pm$ 1.331 χ^2 /NDF: 3708.6/28

Out: 295.622 $\pm$ 1.275 χ^2 /NDF: 4414.5/31

All: 298.435 $\pm$ 0.920 χ^2 /NDF: 8133.2/60

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: 52.973 $\pm$ 1.188 χ^2 /NDF:436.5/13

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 50.948 $\pm$ 1.253 χ^2 /NDF:373.3/11

Left: 52.015 $\pm$ 0.862 χ^2 /NDF: 811.1/25

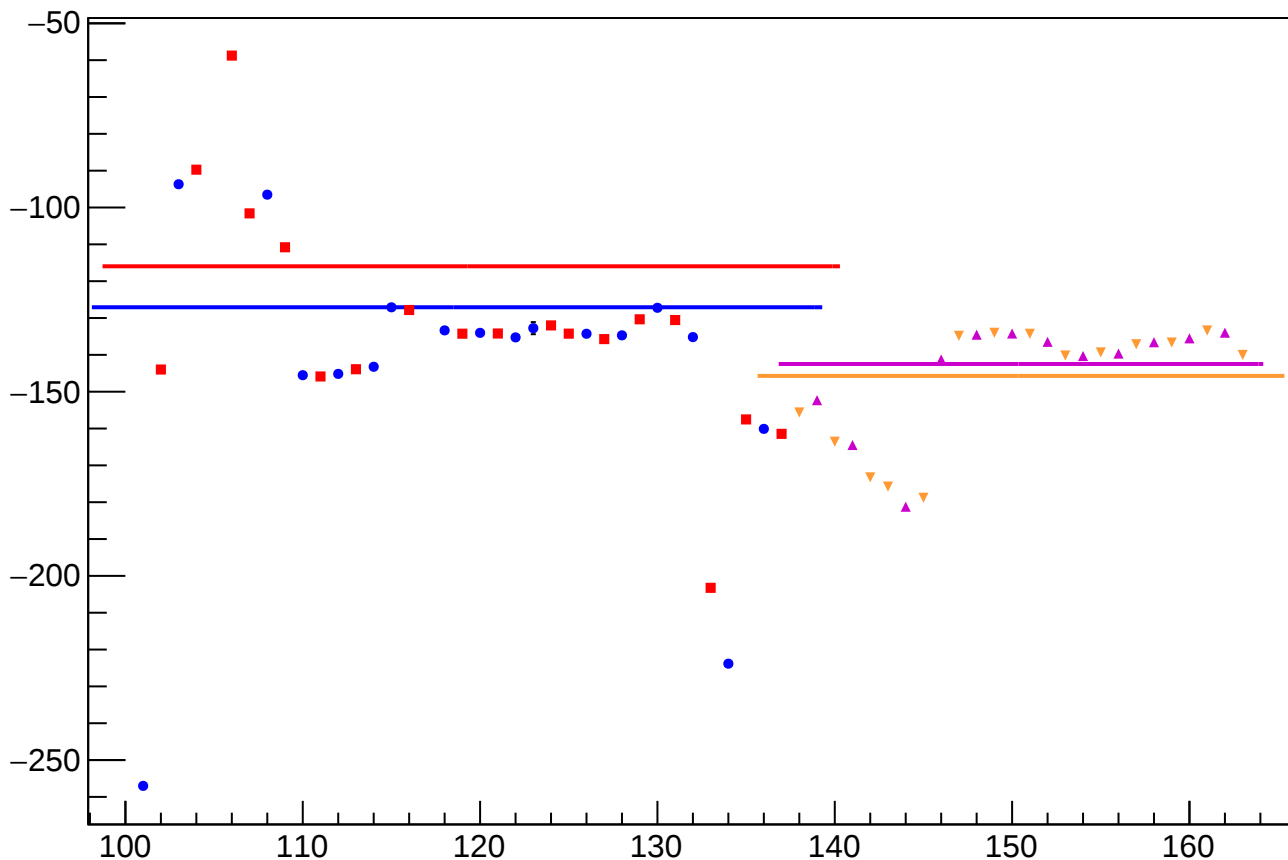
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 57.689 $\pm$ 1.018 χ^2 /NDF:882.3/28

Out: 55.206 $\pm$ 0.960 χ^2 /NDF:933.3/31

All: 56.375 $\pm$ 0.699 χ^2 /NDF: 1818.7/60

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: -145.708 ± 0.059 $\chi^2/\text{NDF}: 69243.2/13$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -142.476 ± 0.060 $\chi^2/\text{NDF}: 43452.7/11$

Left: -144.126 ± 0.042 $\chi^2/\text{NDF}: 114167.0/25$

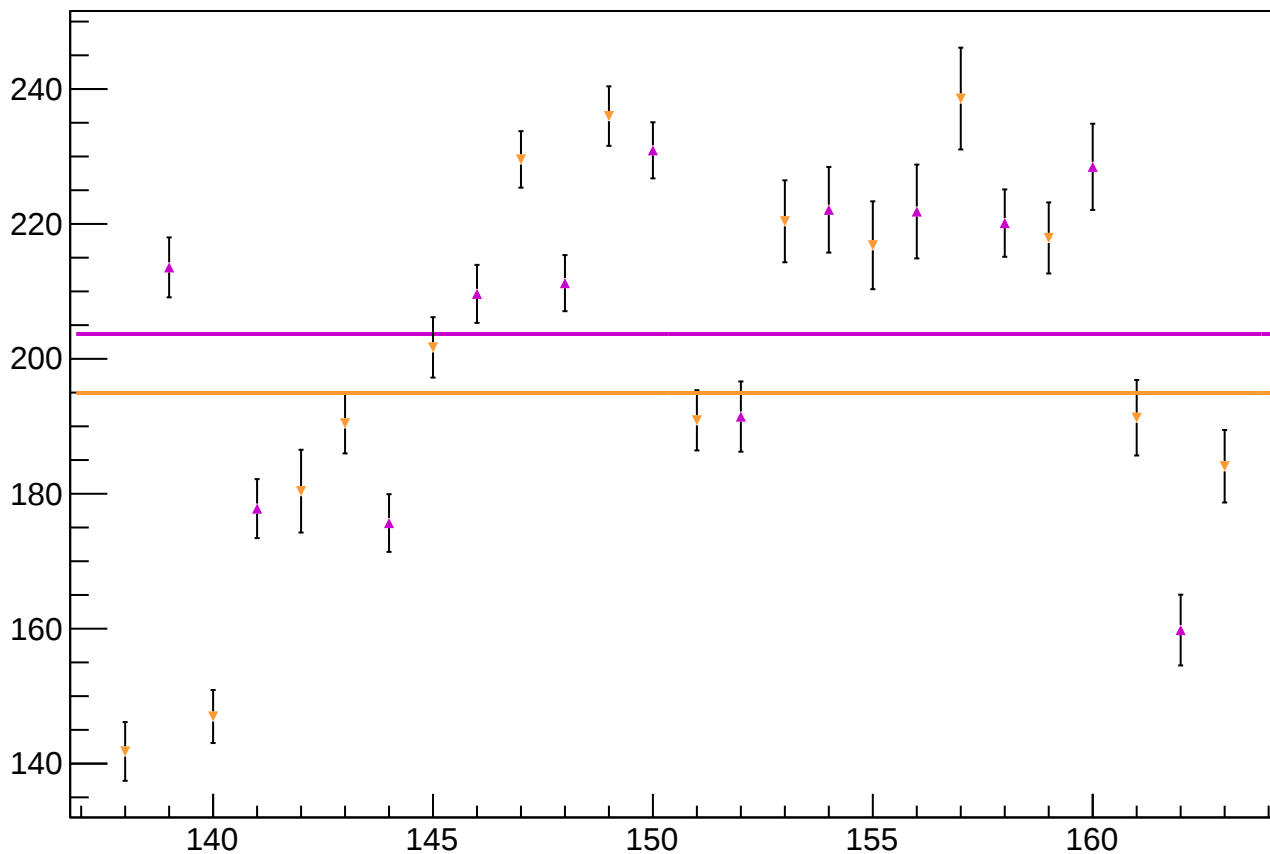
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -137.680 ± 0.050 $\chi^2/\text{NDF}: 230855.3/28$

Out: -135.733 ± 0.048 $\chi^2/\text{NDF}: 313584.5/31$

All: -136.669 ± 0.035 $\chi^2/\text{NDF}: 545228.0/60$

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: 194.941+/-1.320 χ^2/NDF : 548.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 203.686+/-1.399 χ^2/NDF : 247.7/11

Left: 199.060+/-0.960 χ^2/NDF : 816.8/25

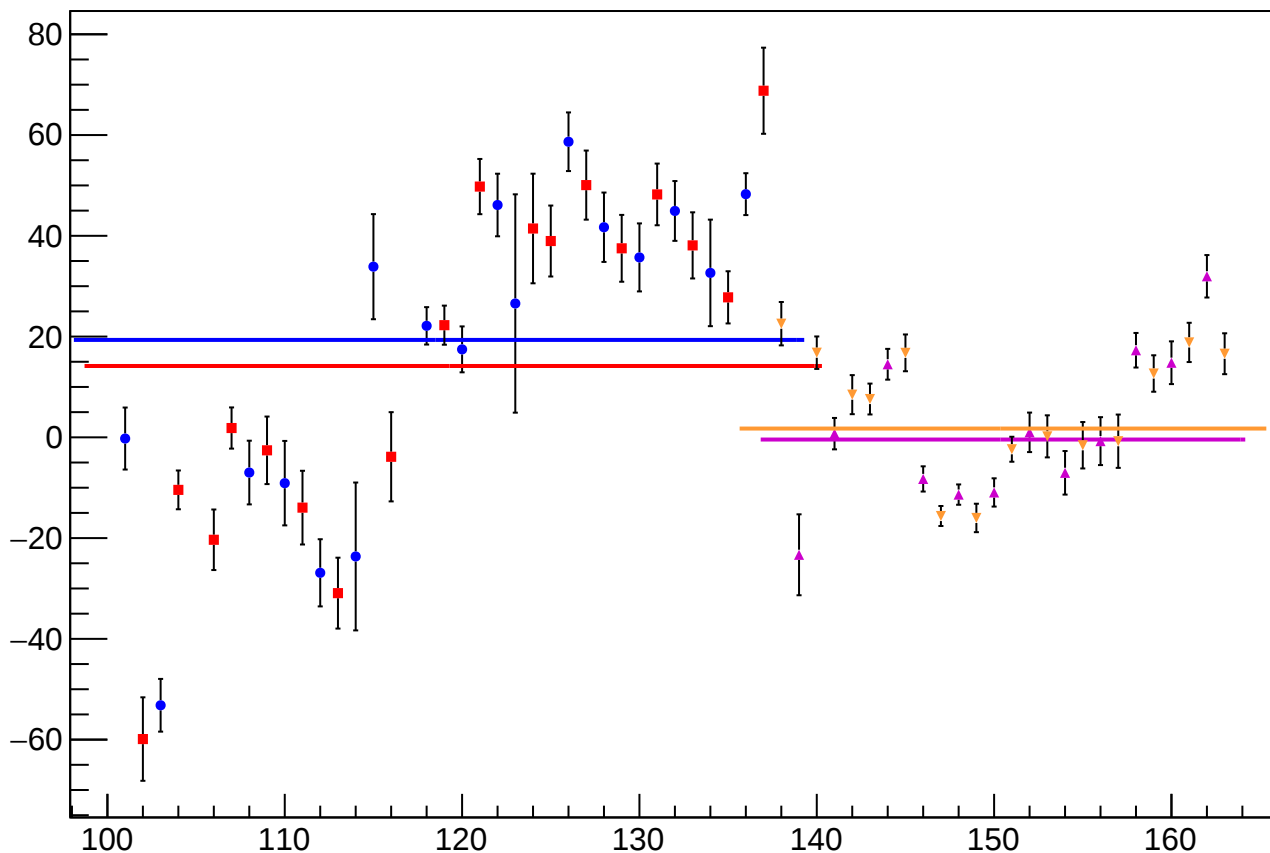
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.686+/-1.399 χ^2/NDF : 247.7/11

Out: 194.941+/-1.320 χ^2/NDF : 548.5/13

All: 199.060+/-0.960 χ^2/NDF : 816.8/25

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: 1.744 $\pm$ 0.883 χ^2/NDF : 230.1/13

Right Out: 14.162 $\pm$ 1.391 χ^2/NDF : 426.0/17

Left In: -0.436 $\pm$ 0.946 χ^2/NDF : 186.5/11

Left: 0.729 $\pm$ 0.645 χ^2/NDF : 419.5/25

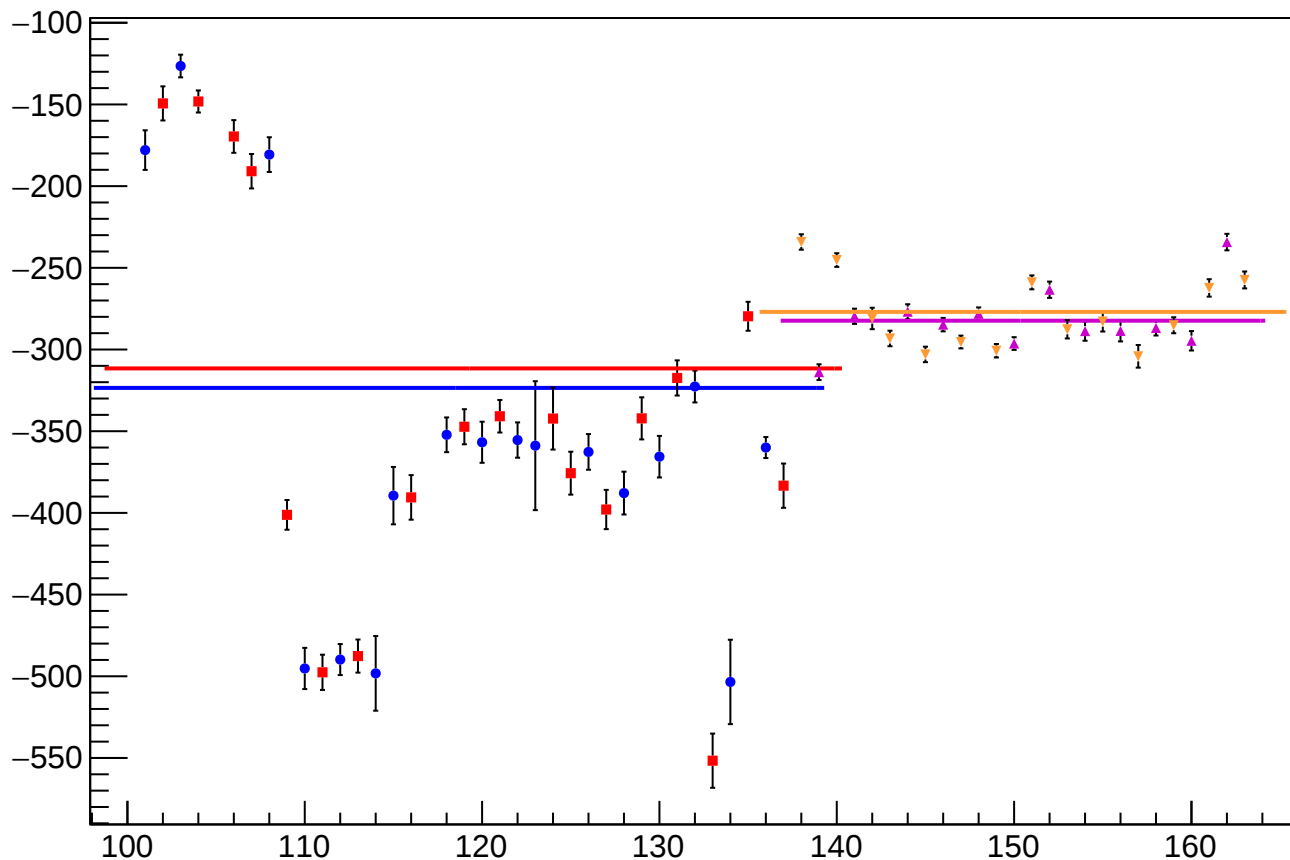
Right: 16.585 $\pm$ 1.014 χ^2/NDF : 872.4/34

In: 5.286 $\pm$ 0.797 χ^2/NDF : 752.8/28

Out: 5.308 $\pm$ 0.745 χ^2/NDF : 713.0/31

All: 5.298 $\pm$ 0.545 χ^2/NDF : 1465.8/60

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -276.964 ± 1.306 $\chi^2/\text{NDF}: 299.9/13$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -282.367 ± 1.366 $\chi^2/\text{NDF}: 171.7/11$

Left: -279.544 ± 0.944 $\chi^2/\text{NDF}: 479.7/25$

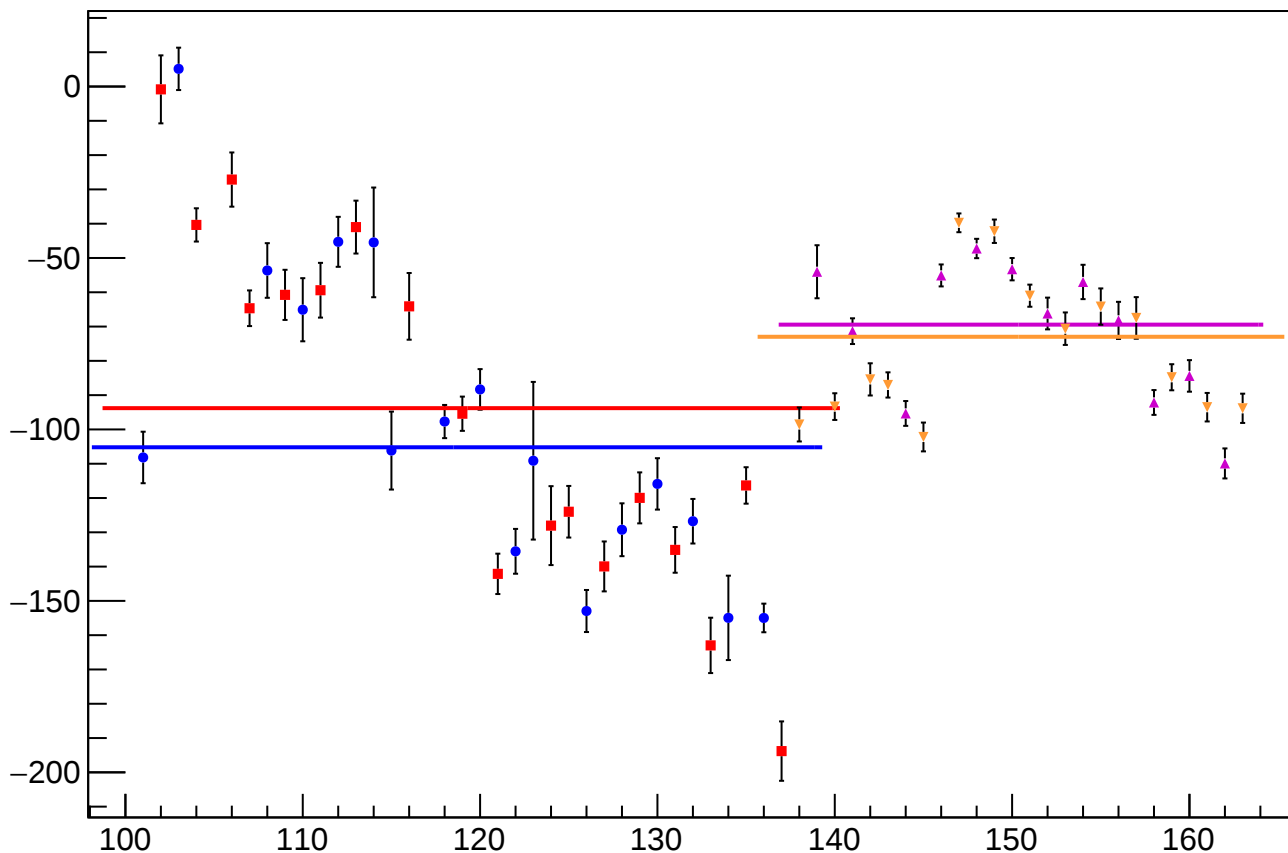
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -290.882 ± 1.216 $\chi^2/\text{NDF}: 2207.0/28$

Out: -284.255 ± 1.160 $\chi^2/\text{NDF}: 2691.7/31$

All: -287.412 ± 0.839 $\chi^2/\text{NDF}: 4914.3/60$

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: -72.978 ± 1.062 χ^2/NDF : 428.1/13

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -69.440 ± 1.134 χ^2/NDF : 304.2/11

Left: -71.325 ± 0.775 χ^2/NDF : 737.5/25

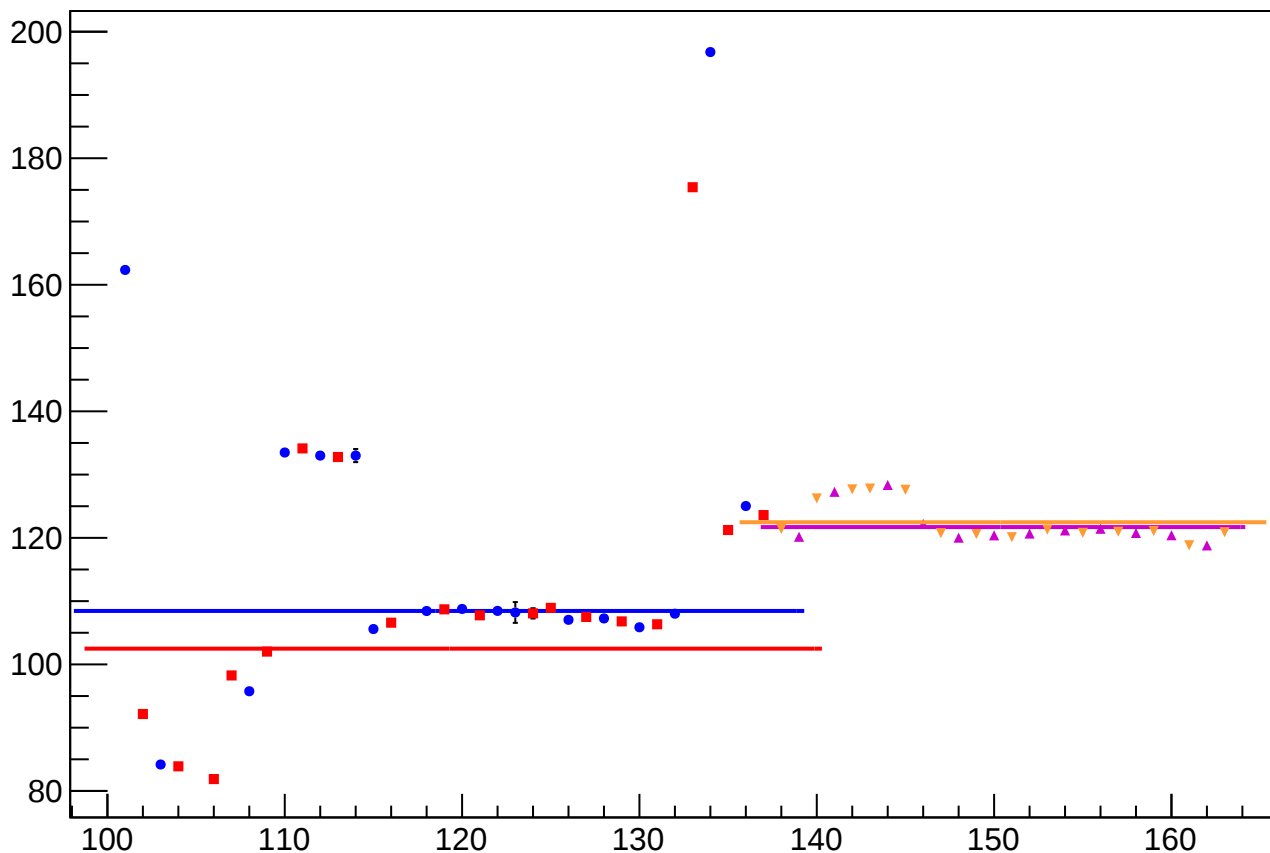
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -80.479 ± 0.943 χ^2/NDF : 1347.0/28

Out: -79.279 ± 0.886 χ^2/NDF : 1359.9/31

All: -79.842 ± 0.646 χ^2/NDF : 2707.8/60

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.471 $\pm$ 0.052 χ^2 /NDF: 3326.4/13

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.706 $\pm$ 0.054 χ^2 /NDF: 2552.8/11

Left: 122.102 $\pm$ 0.038 χ^2 /NDF: 5982.4/25

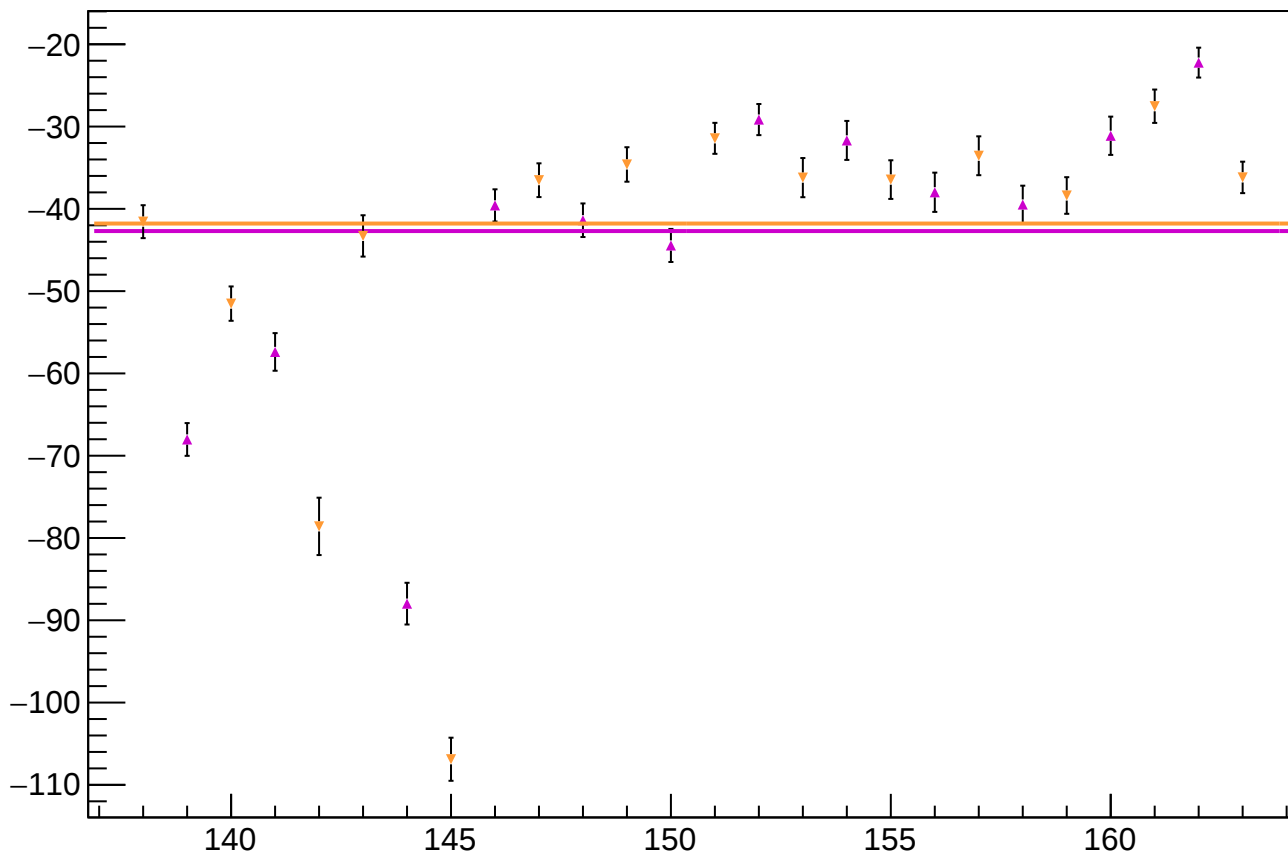
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.869 $\pm$ 0.046 χ^2 /NDF: 93190.6/28

Out: 116.448 $\pm$ 0.044 χ^2 /NDF: 100251.1/31

All: 117.128 $\pm$ 0.032 χ^2 /NDF: 193947.5/60

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



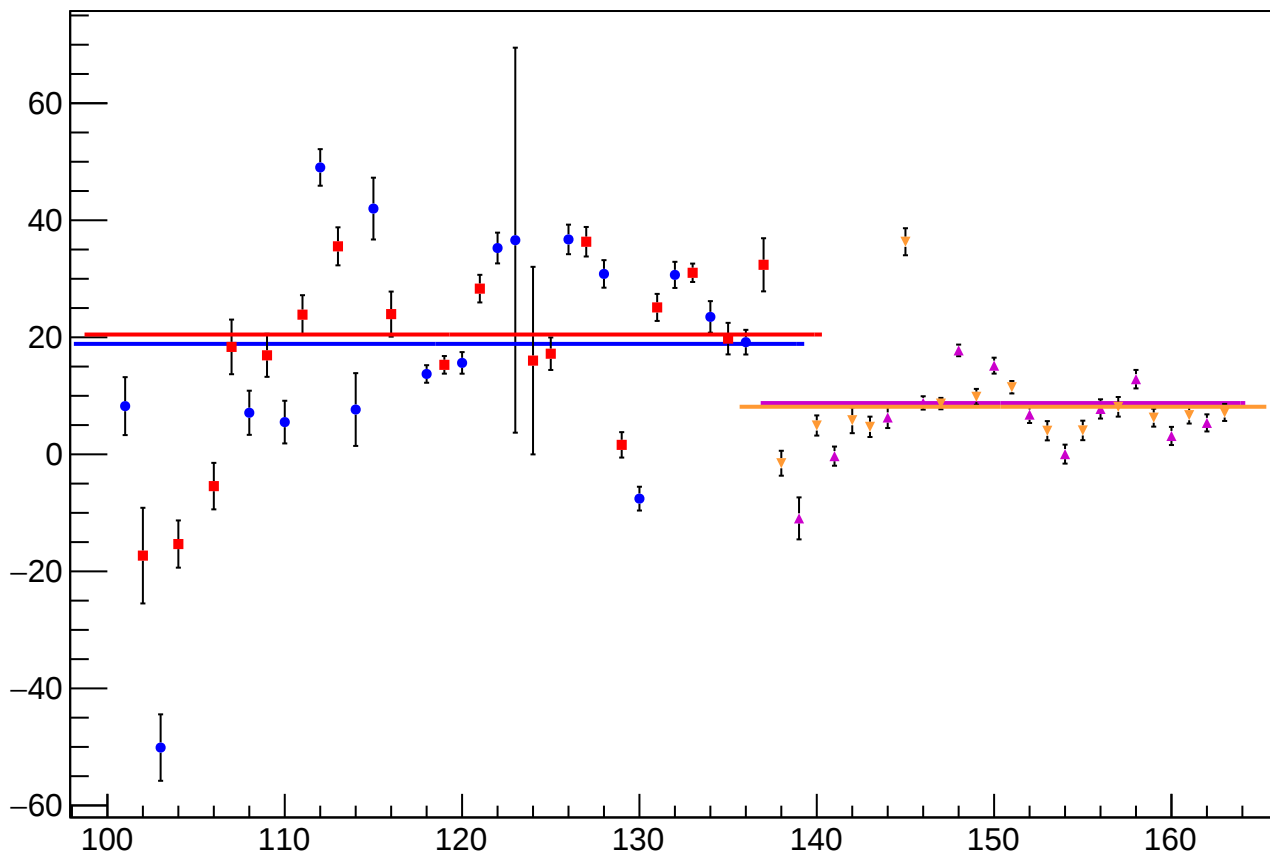
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.786+/-0.590 χ^2/NDF :883.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.700+/-0.613 χ^2/NDF :756.5/11

Left: -42.226+/-0.425 χ^2/NDF : 1641.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.700+/-0.613 χ^2/NDF :756.5/11
 Out: -41.786+/-0.590 χ^2/NDF :883.3/13

All: -42.226+/-0.425 χ^2/NDF : 1641.0/25

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 8.131+/-0.400 χ^2/NDF : 204.7/13

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: 8.763+/-0.422 χ^2/NDF : 223.5/11

Left: 8.430+/-0.291 χ^2/NDF : 429.3/25

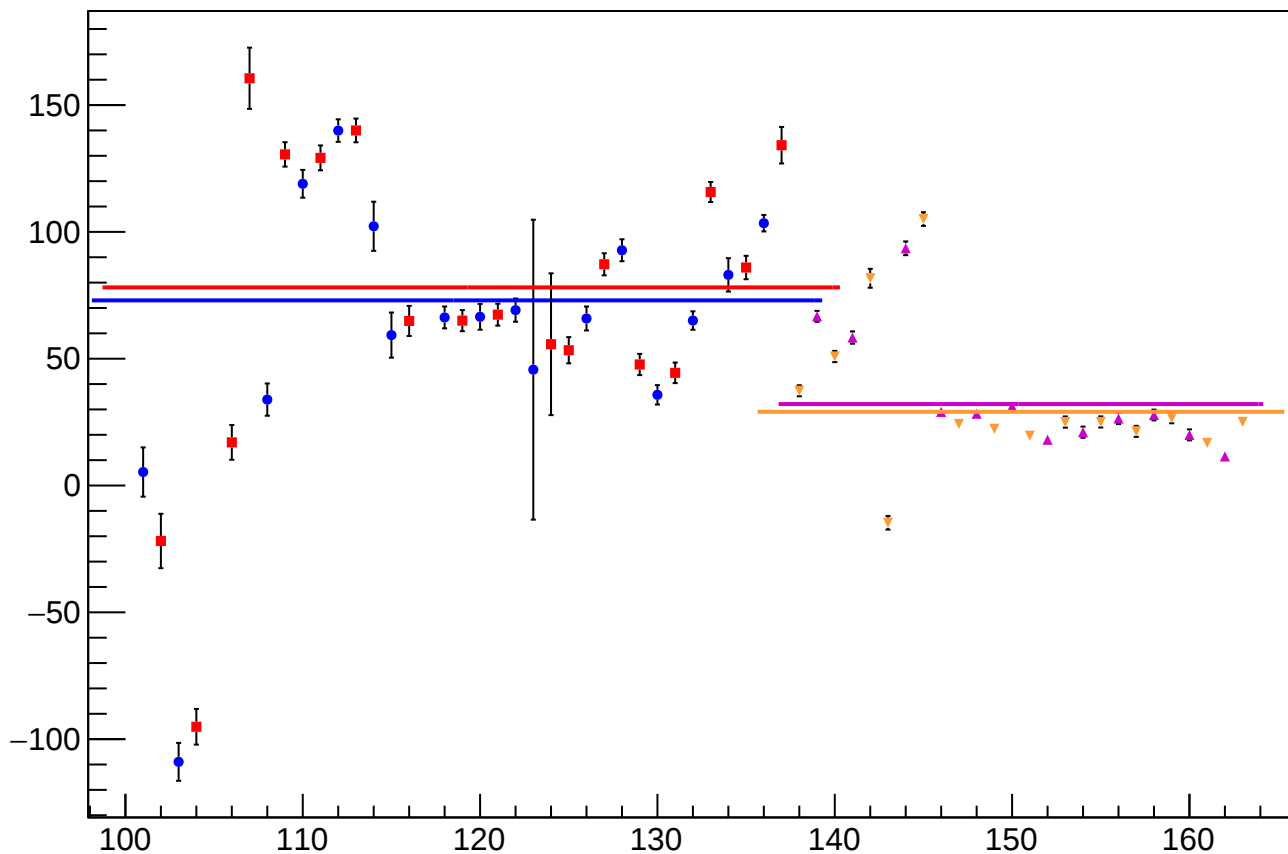
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 11.802+/-0.353 χ^2/NDF : 1016.2/28

Out: 11.576+/-0.340 χ^2/NDF : 832.2/31

All: 11.685+/-0.245 χ^2/NDF : 1848.7/60

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: 29.067 $\pm$ 0.575 χ^2 /NDF:1477.4/13

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 32.117 $\pm$ 0.593 χ^2 /NDF:1161.7/11

Left: 30.545 $\pm$ 0.413 χ^2 /NDF: 2652.8/25

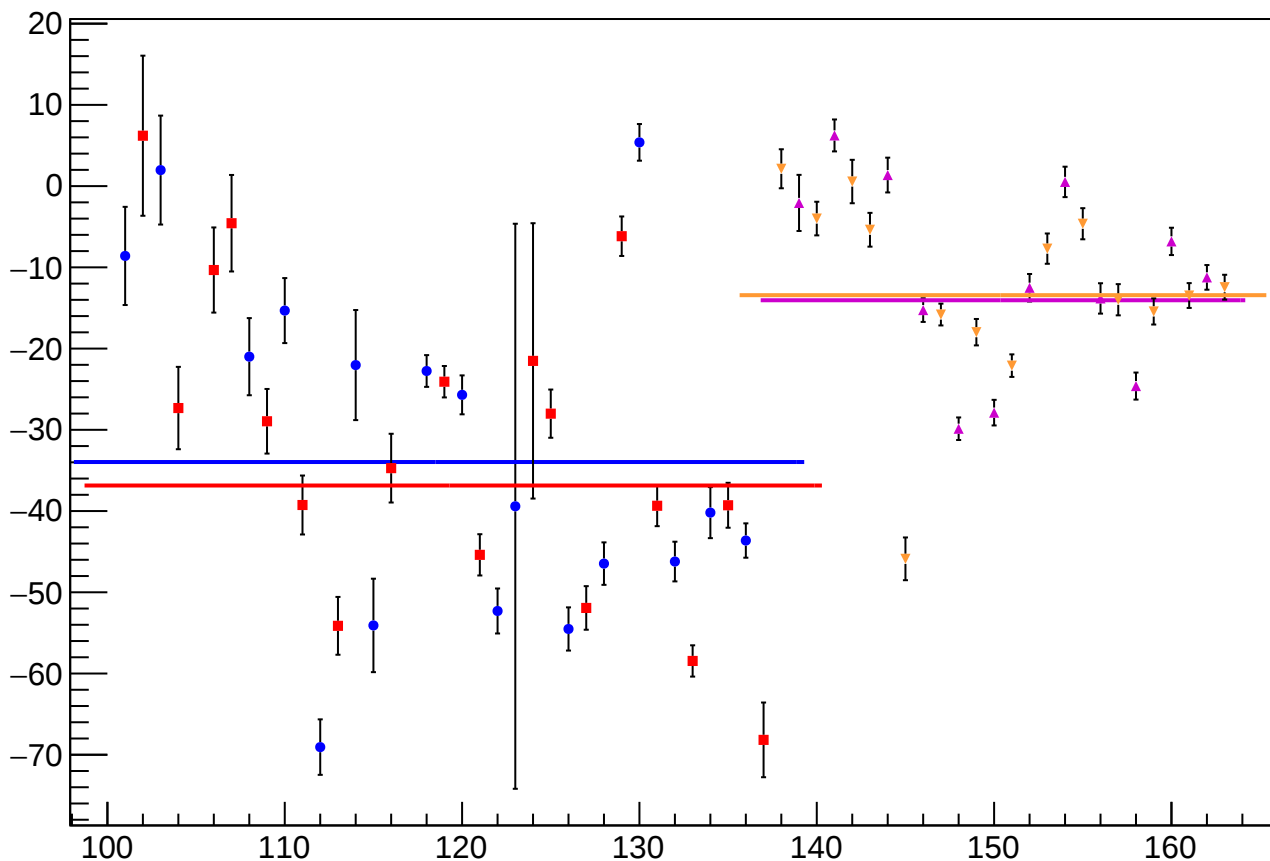
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 39.826 $\pm$ 0.534 χ^2 /NDF:3263.3/28

Out: 37.939 $\pm$ 0.521 χ^2 /NDF:4340.0/31

All: 38.858 $\pm$ 0.373 χ^2 /NDF: 7609.7/60

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.425 ± 0.474 χ^2/NDF : 340.0/13

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.051 ± 0.499 χ^2/NDF : 501.6/11

Left: -13.723 ± 0.344 χ^2/NDF : 842.5/25

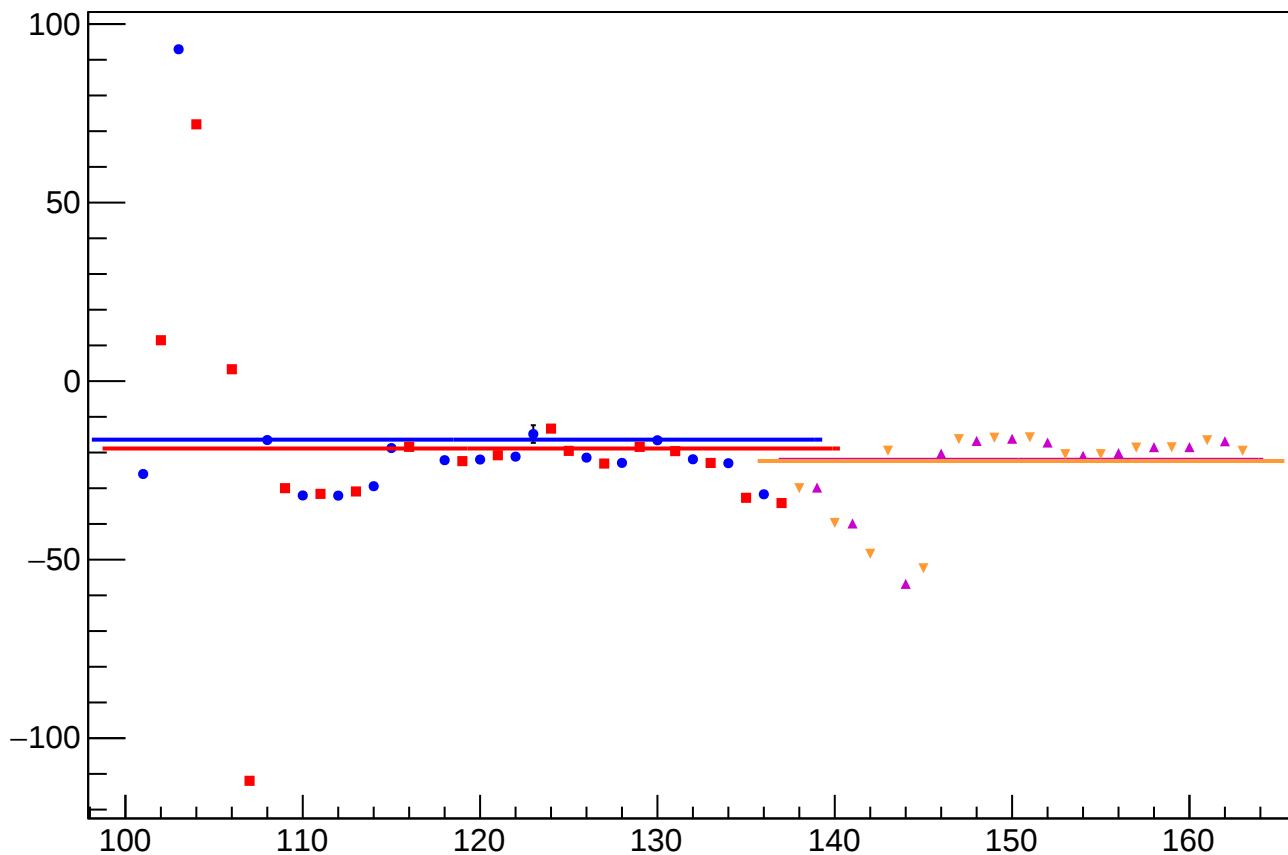
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -20.300 ± 0.413 χ^2/NDF : 1723.7/28

Out: -20.284 ± 0.399 χ^2/NDF : 1590.3/31

All: -20.292 ± 0.287 χ^2/NDF : 3314.0/60

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: -22.372 ± 0.023 $\chi^2/\text{NDF}: 182119.3/13$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -22.028 ± 0.023 $\chi^2/\text{NDF}: 154130.9/11$

Left: -22.205 ± 0.016 $\chi^2/\text{NDF}: 336364.1/25$

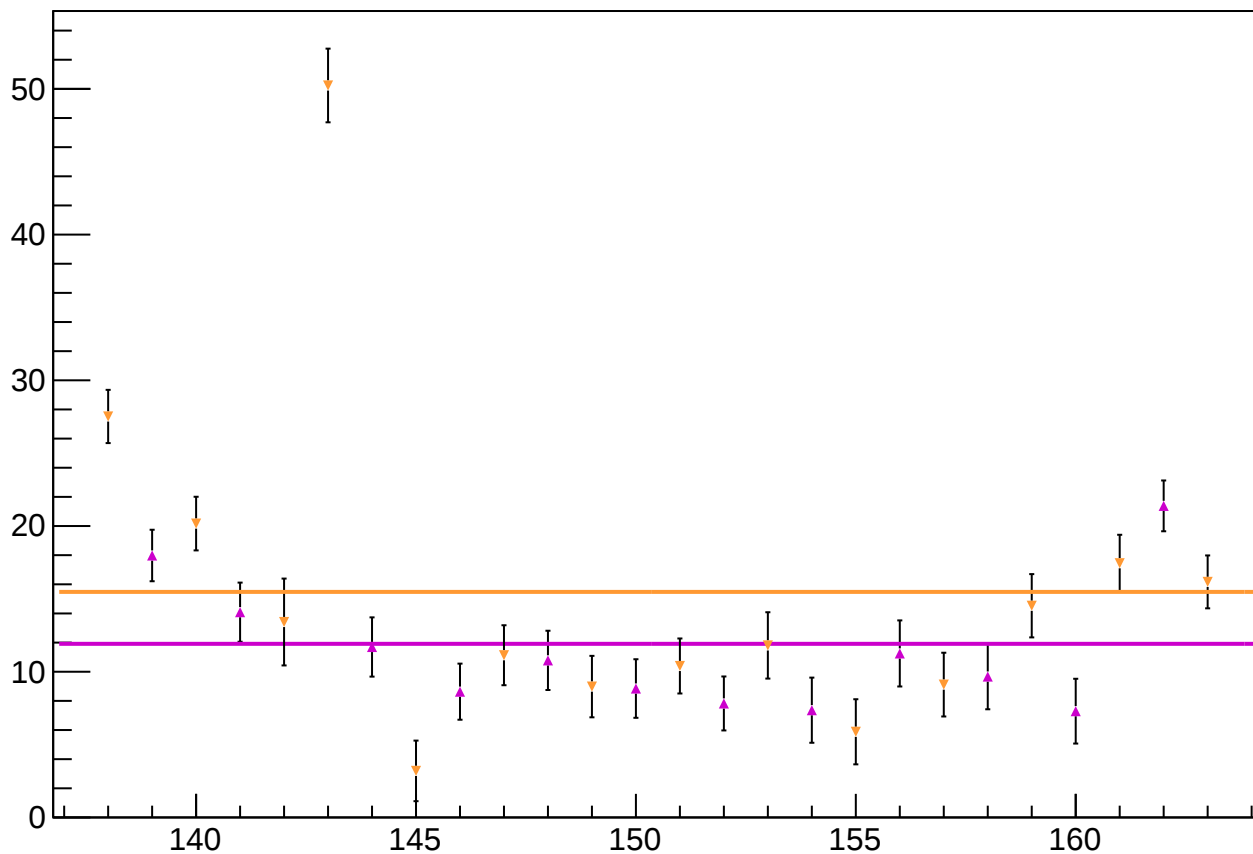
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.831 ± 0.020 $\chi^2/\text{NDF}: 641111.7/28$

Out: -21.680 ± 0.020 $\chi^2/\text{NDF}: 620278.7/31$

All: -21.262 ± 0.014 $\chi^2/\text{NDF}: 1262262.5/60$

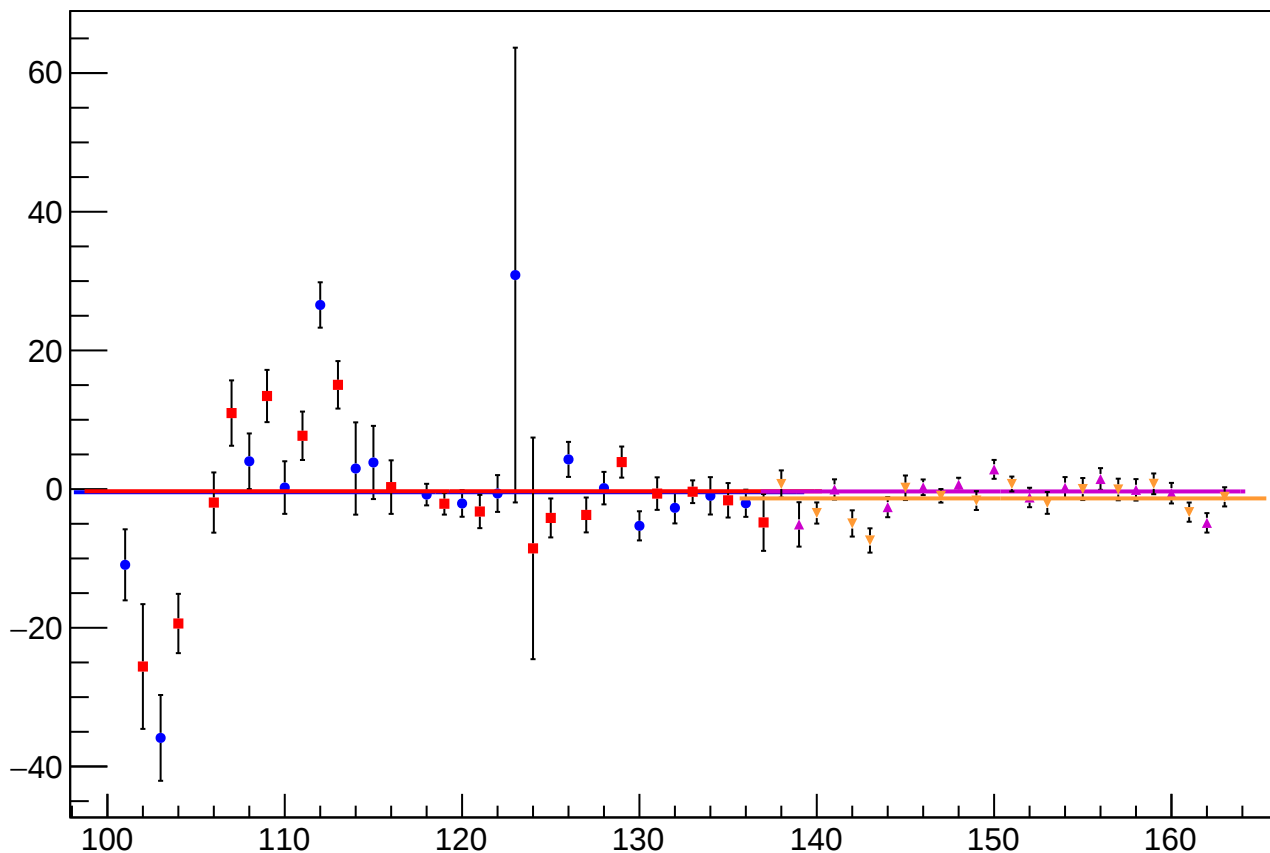
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.479+/-0.558 χ^2/NDF :326.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.916+/-0.579 χ^2/NDF :62.4/11

Left: 13.766+/-0.402 χ^2/NDF : 408.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.916+/-0.579 χ^2/NDF :62.4/11
 Out: 15.479+/-0.558 χ^2/NDF :326.4/13
 All: 13.766+/-0.402 χ^2/NDF : 408.5/25

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.342 ± 0.384 χ^2/NDF : 29.0/13

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.336 ± 0.405 χ^2/NDF : 23.7/11

Left: -0.865 ± 0.279 χ^2/NDF : 56.0/25

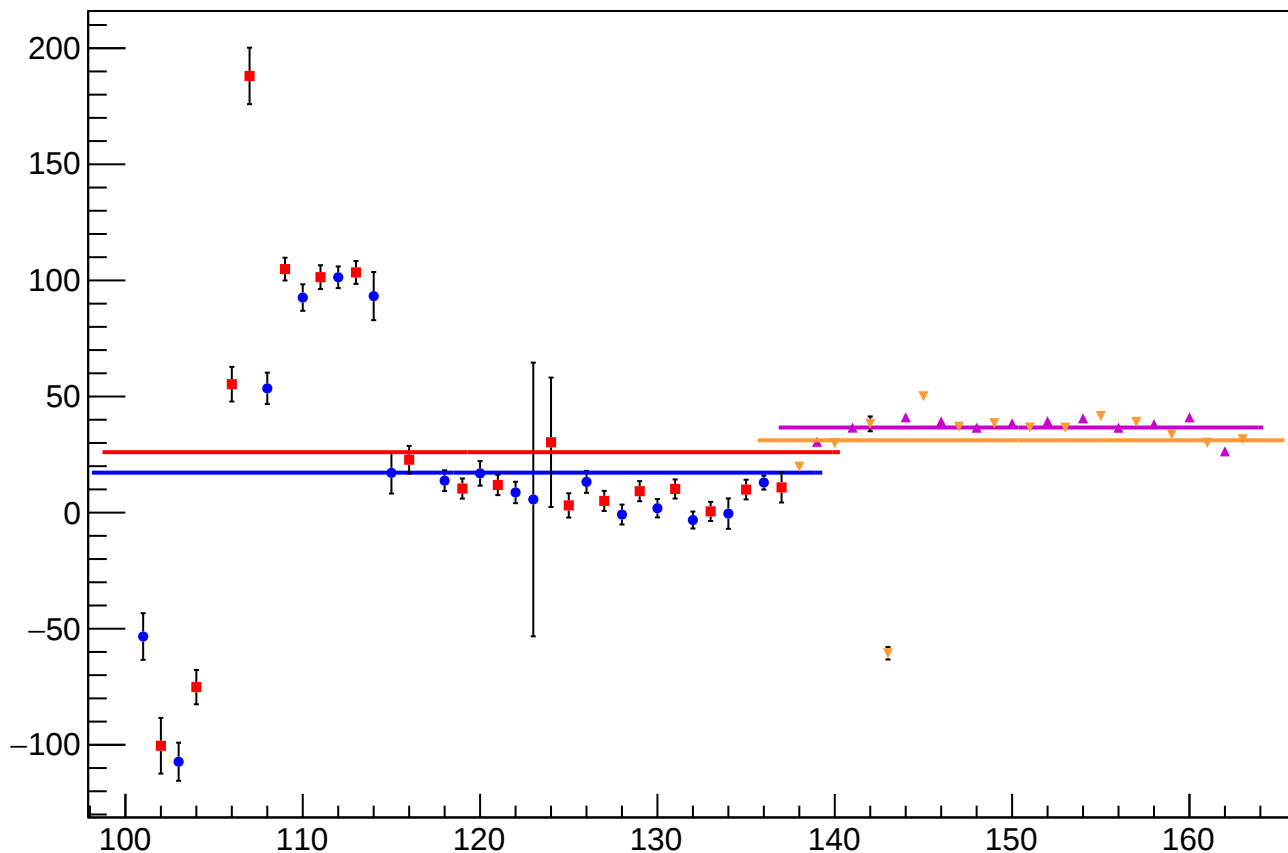
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.368 ± 0.344 χ^2/NDF : 143.3/28

Out: -1.078 ± 0.332 χ^2/NDF : 115.0/31

All: -0.736 ± 0.239 χ^2/NDF : 260.5/60

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 31.155+/-0.546 χ^2/NDF :1352.5/13

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 36.653+/-0.563 χ^2/NDF :65.8/11

Left: 33.817+/-0.392 χ^2/NDF : 1467.3/25

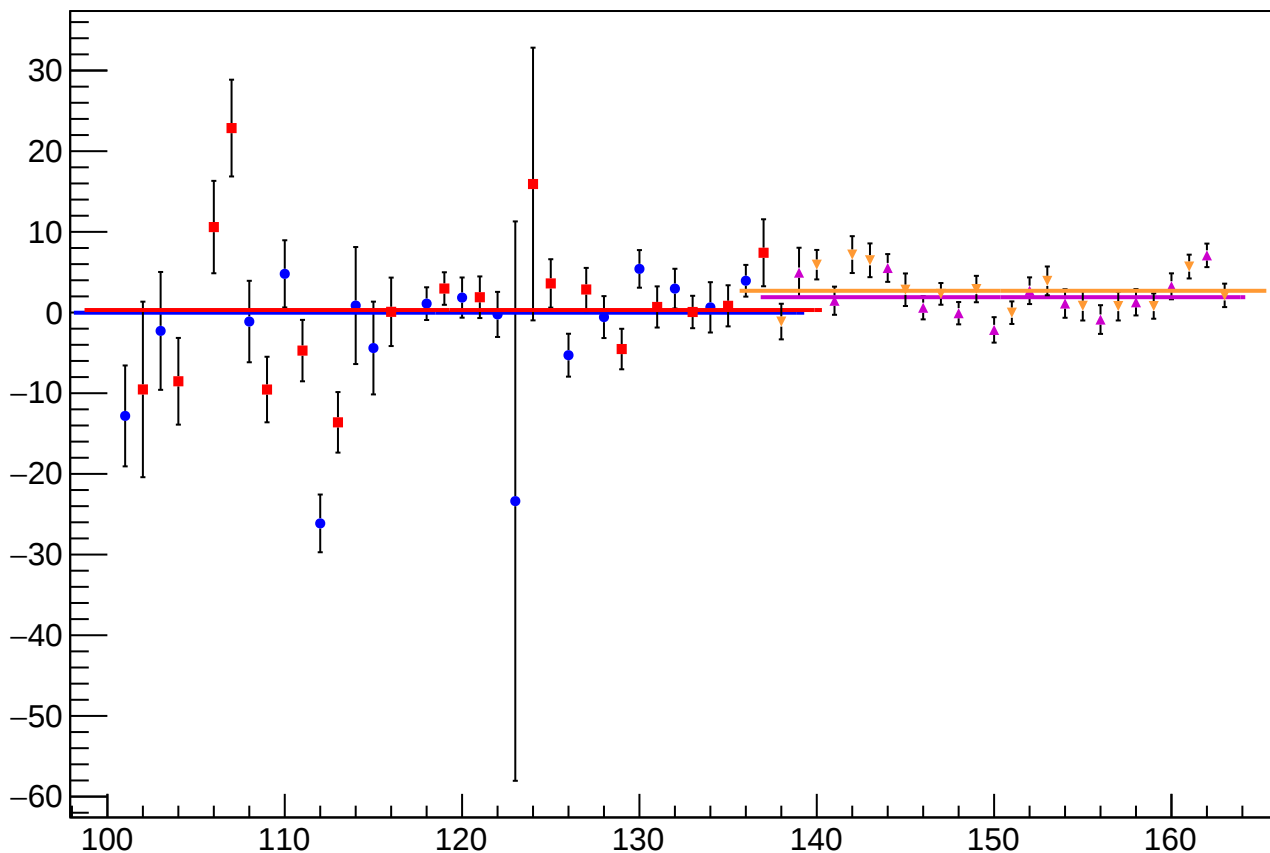
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 33.331+/-0.513 χ^2/NDF :1209.3/28

Out: 30.328+/-0.500 χ^2/NDF :2732.7/31

All: 31.791+/-0.358 χ^2/NDF : 3959.5/60

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.696 ± 0.453 χ^2/NDF : 25.5/13

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.903 ± 0.476 χ^2/NDF : 31.3/11

Left: 2.319 ± 0.328 χ^2/NDF : 58.3/25

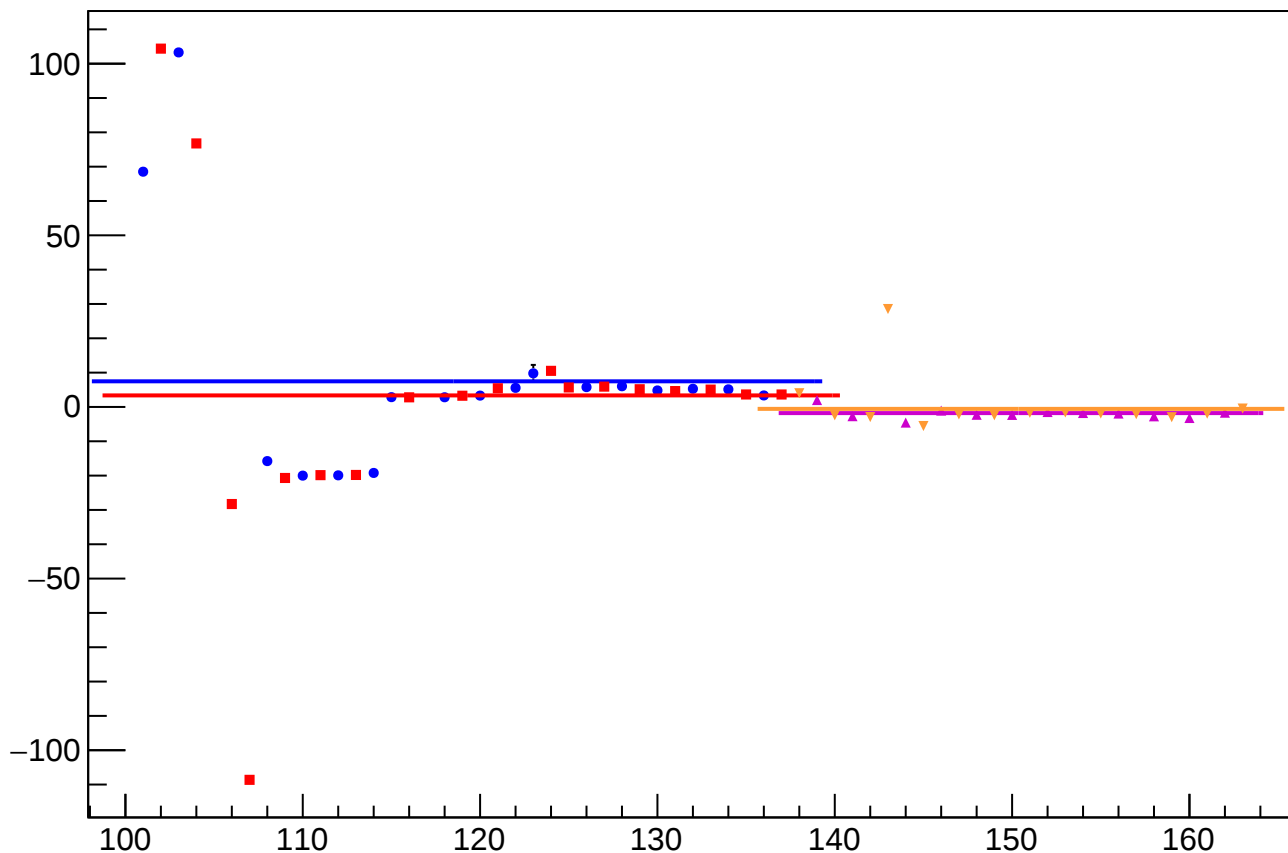
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.344 ± 0.401 χ^2/NDF : 111.9/28

Out: 2.058 ± 0.388 χ^2/NDF : 87.0/31

All: 1.713 ± 0.279 χ^2/NDF : 200.5/60

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.557+/-0.021 χ^2/NDF : 83526.0/13

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -1.791+/-0.022 χ^2/NDF : 4805.1/11

Left: -1.157+/-0.015 χ^2/NDF : 89962.9/25

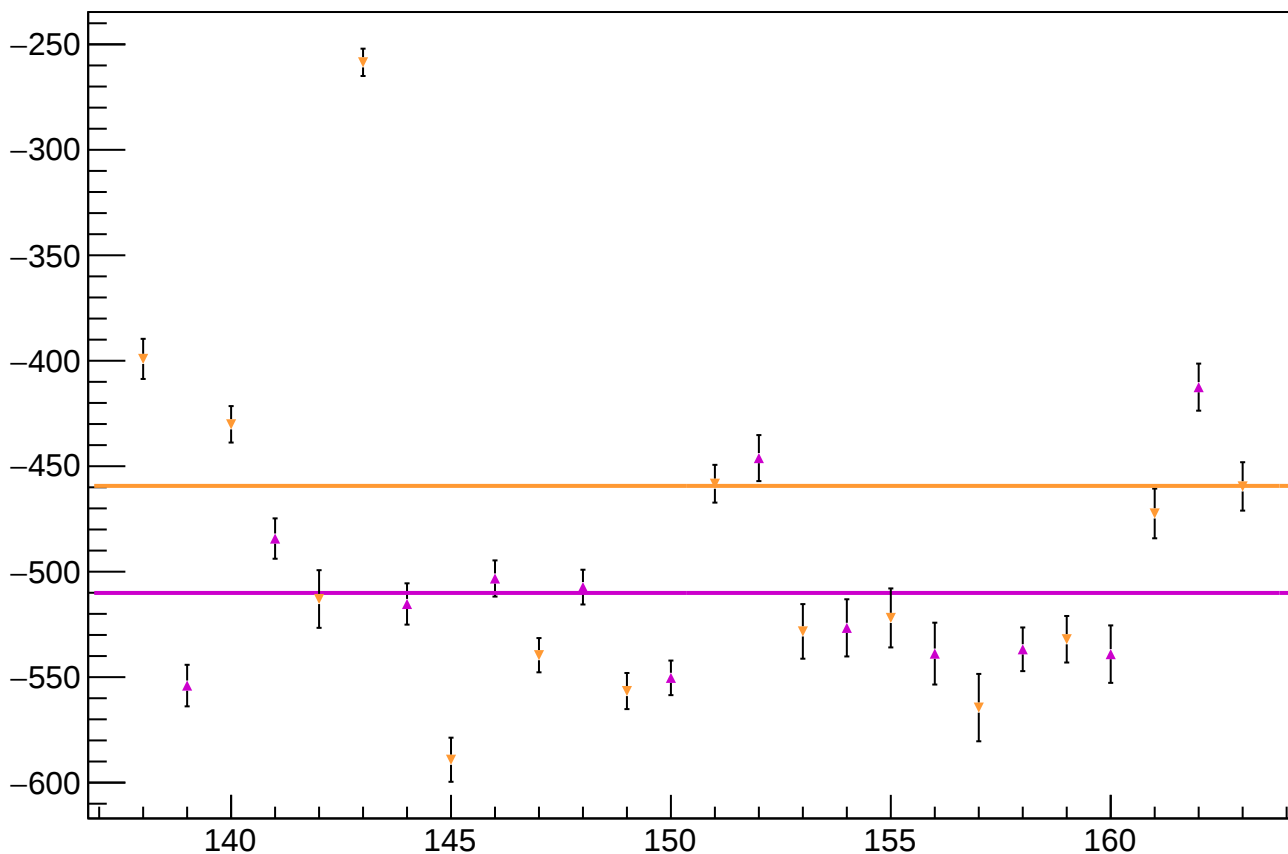
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.016+/-0.020 χ^2/NDF : 395579.6/28

Out: 0.144+/-0.019 χ^2/NDF : 594402.7/31

All: 0.081+/-0.014 χ^2/NDF : 990004.2/60

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: -459.328+/-2.653 χ^2/NDF :1545.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -510.777+/-2.934 χ^2/NDF :179.7/11

Left: -482.154+/-1.968 χ^2/NDF : 1889.6/25

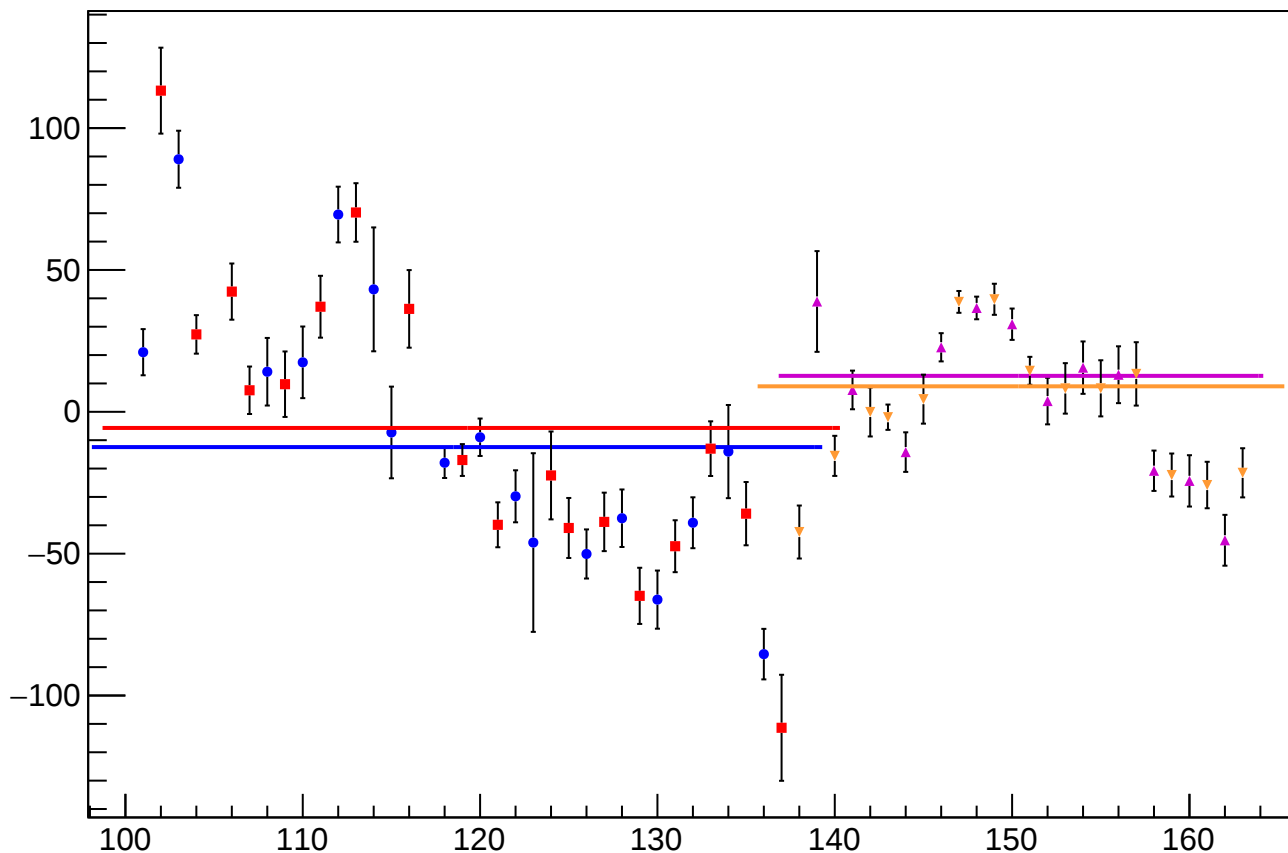
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -510.777+/-2.934 χ^2/NDF :179.7/11

Out: -459.328+/-2.653 χ^2/NDF :1545.4/13

All: -482.154+/-1.968 χ^2/NDF : 1889.6/25

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 8.986 $\pm$ 1.748 χ^2/NDF :189.7/13

Right Out: -5.686 $\pm$ -2.263 χ^2/NDF : 333.7/17

Left In: 12.676 $\pm$ -1.953 χ^2/NDF :150.5/11

Left: 10.627 $\pm$ -1.302 χ^2/NDF : 342.1/25

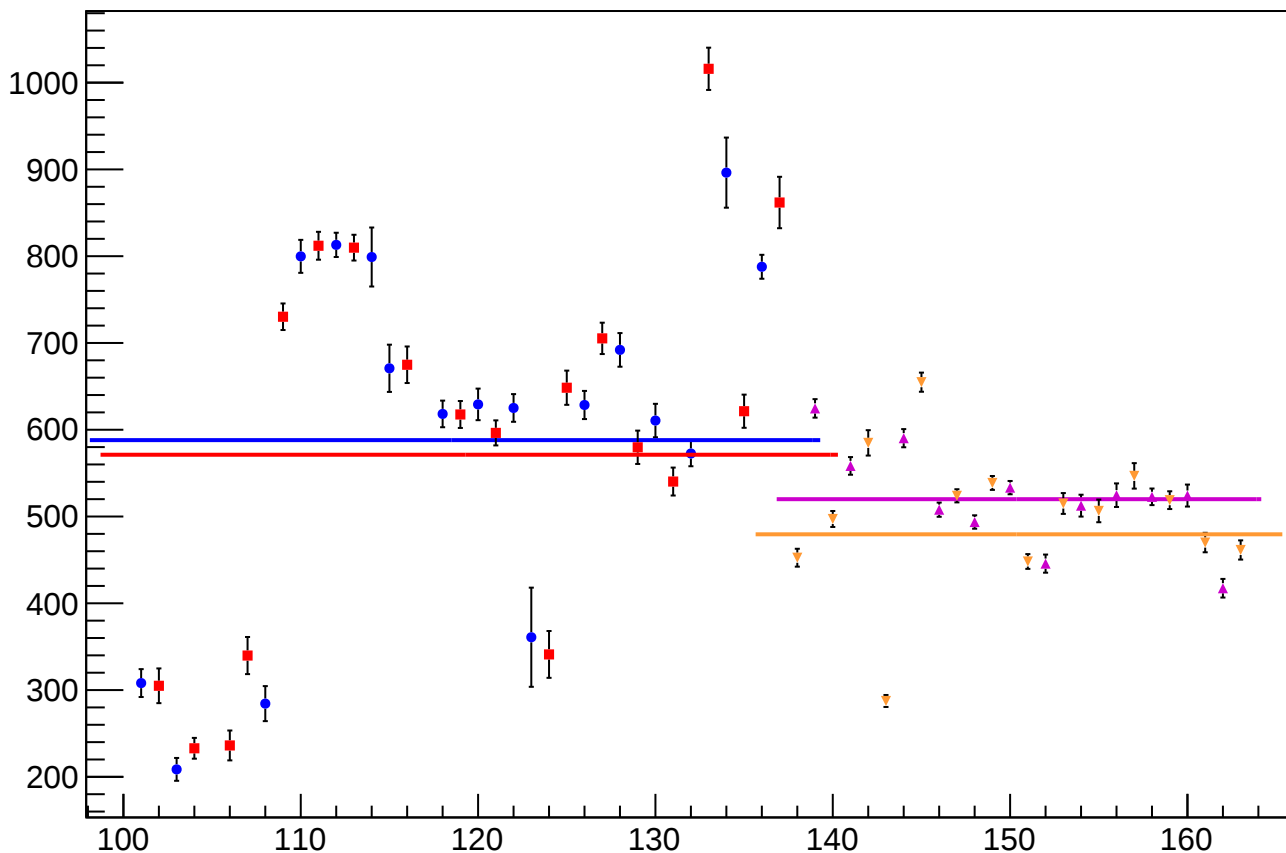
Right: -8.982 $\pm$ -1.618 χ^2/NDF : 678.2/34

In: 2.238 $\pm$ -1.493 χ^2/NDF :559.4/28

Out: 3.503 $\pm$ -1.383 χ^2/NDF :549.7/31

All: 2.918 $\pm$ -1.015 χ^2/NDF : 1109.5/60

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 ± 4.329 $\chi^2/\text{NDF}: 2127.7/16$

Left Out: 479.496 ± 2.627 $\chi^2/\text{NDF}: 1243.2/13$

Right Out: 571.196 ± 4.151 $\chi^2/\text{NDF}: 2680.4/17$

Left In: 519.977 ± 2.851 $\chi^2/\text{NDF}: 314.8/11$

Left: 498.080 ± 1.932 $\chi^2/\text{NDF}: 1667.0/25$

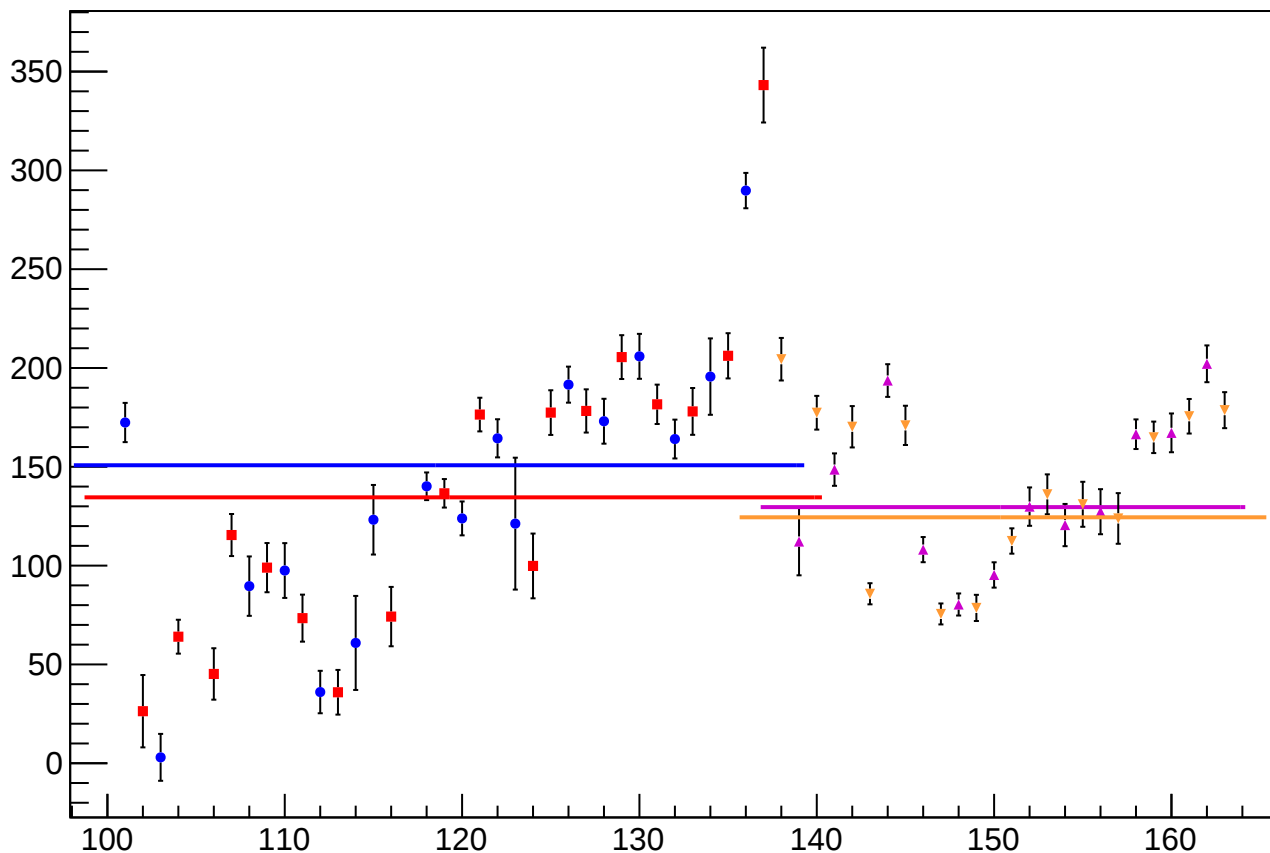
Right: 579.261 ± 2.996 $\chi^2/\text{NDF}: 4816.0/34$

In: 540.570 ± 2.381 $\chi^2/\text{NDF}: 2614.9/28$

Out: 505.720 ± 2.220 $\chi^2/\text{NDF}: 4272.1/31$

All: 521.923 ± 1.624 $\chi^2/\text{NDF}: 7001.6/60$

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: 124.450 $\pm$ 2.114 χ^2/NDF : 420.6/13

Right Out: 134.549 $\pm$ 2.619 χ^2/NDF : 576.2/17

Left In: 129.605 $\pm$ 2.353 χ^2/NDF : 284.6/11

Left: 126.753 $\pm$ 1.572 χ^2/NDF : 707.8/25

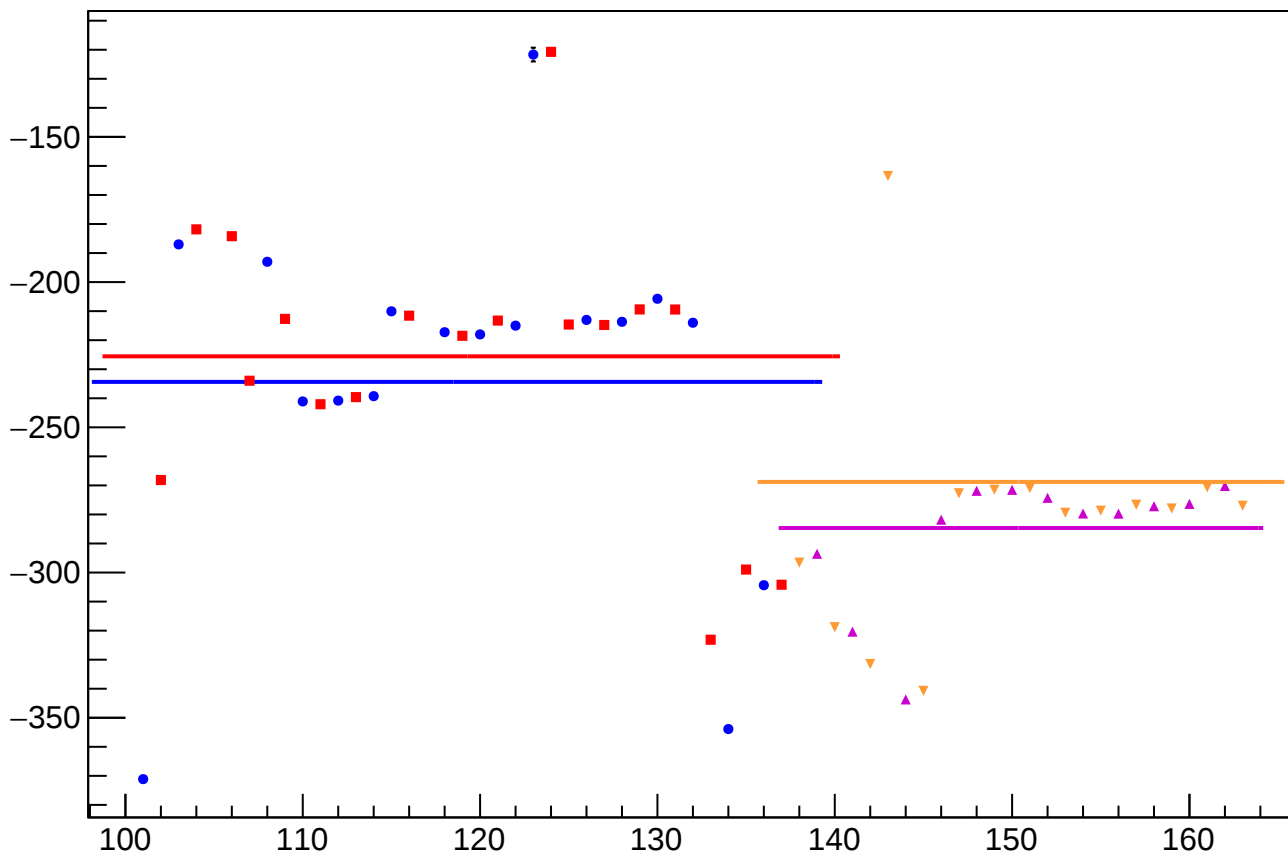
Right: 142.483 $\pm$ 1.873 χ^2/NDF : 1228.1/34

In: 138.824 $\pm$ 1.768 χ^2/NDF : 953.0/28

Out: 128.433 $\pm$ 1.645 χ^2/NDF : 1005.8/31

All: 133.256 $\pm$ 1.204 χ^2/NDF : 1977.4/60

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.796+/-0.106 χ^2/NDF : 204723.0/13

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -284.666+/-0.113 χ^2/NDF : 30666.0/11

Left: -276.180+/-0.077 χ^2/NDF : 245862.1/25

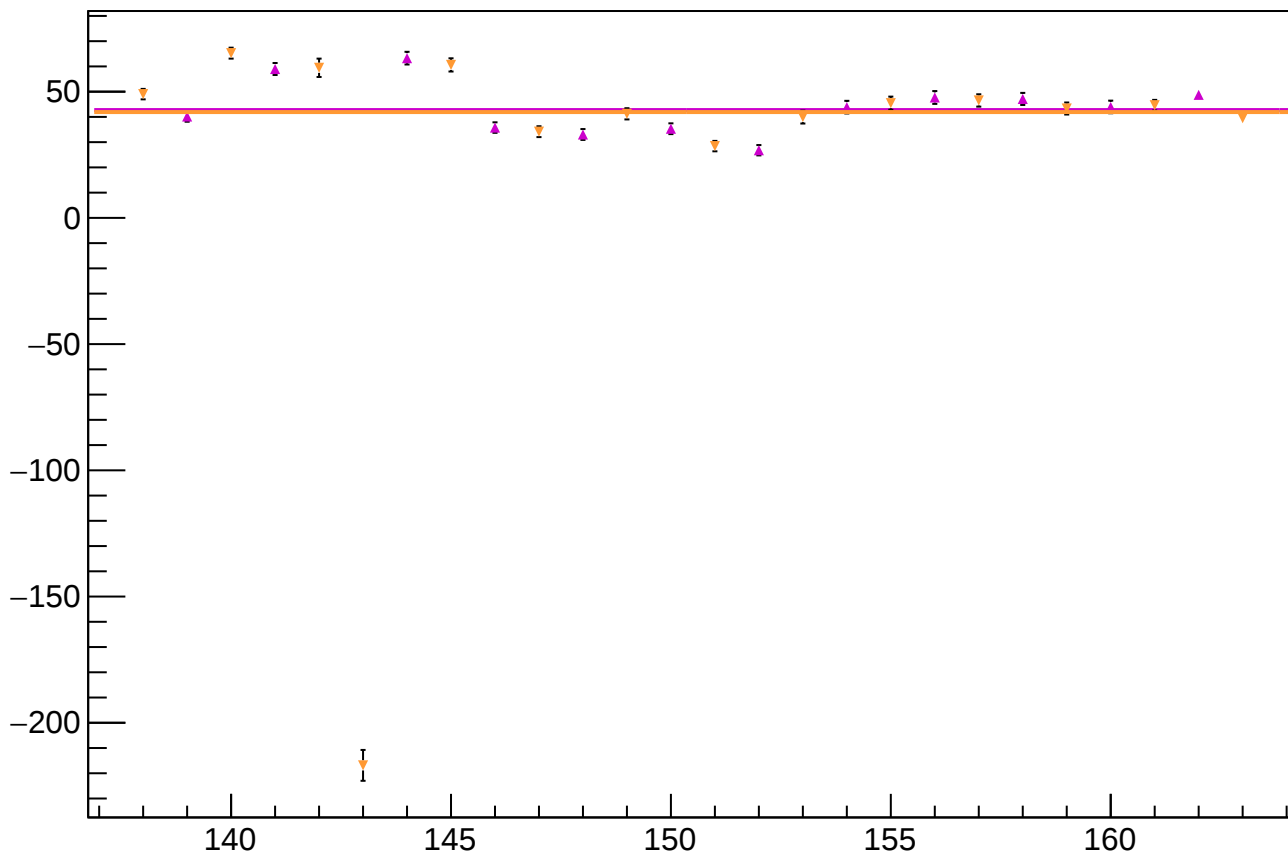
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -266.132+/-0.090 χ^2/NDF : 248325.6/28

Out: -253.356+/-0.085 χ^2/NDF : 357335.6/31

All: -259.357+/-0.062 χ^2/NDF : 616319.5/60

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: 41.919 $\pm$ 0.637 χ^2 /NDF:2060.1/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 42.707 $\pm$ 0.646 χ^2 /NDF:236.5/11

Left: 42.307 $\pm$ 0.453 χ^2 /NDF: 2297.4/25

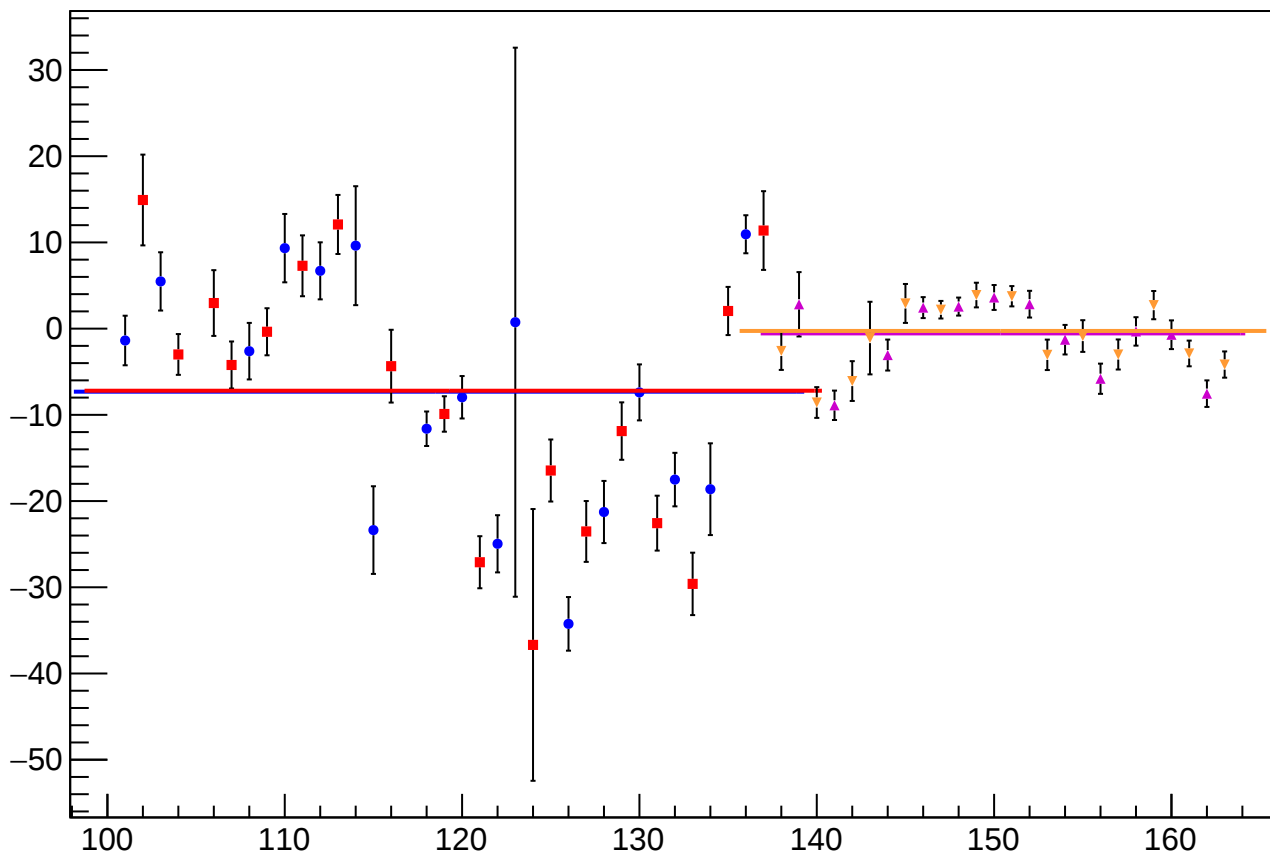
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.707 $\pm$ 0.646 χ^2 /NDF:236.5/11

Out: 41.919 $\pm$ 0.637 χ^2 /NDF:2060.1/13

All: 42.307 $\pm$ 0.453 χ^2 /NDF: 2297.4/25

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -0.268 ± 0.433 χ^2/NDF : 75.2/13

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -0.554 ± 0.446 χ^2/NDF : 84.5/11

Left: -0.407 ± 0.311 χ^2/NDF : 159.9/25

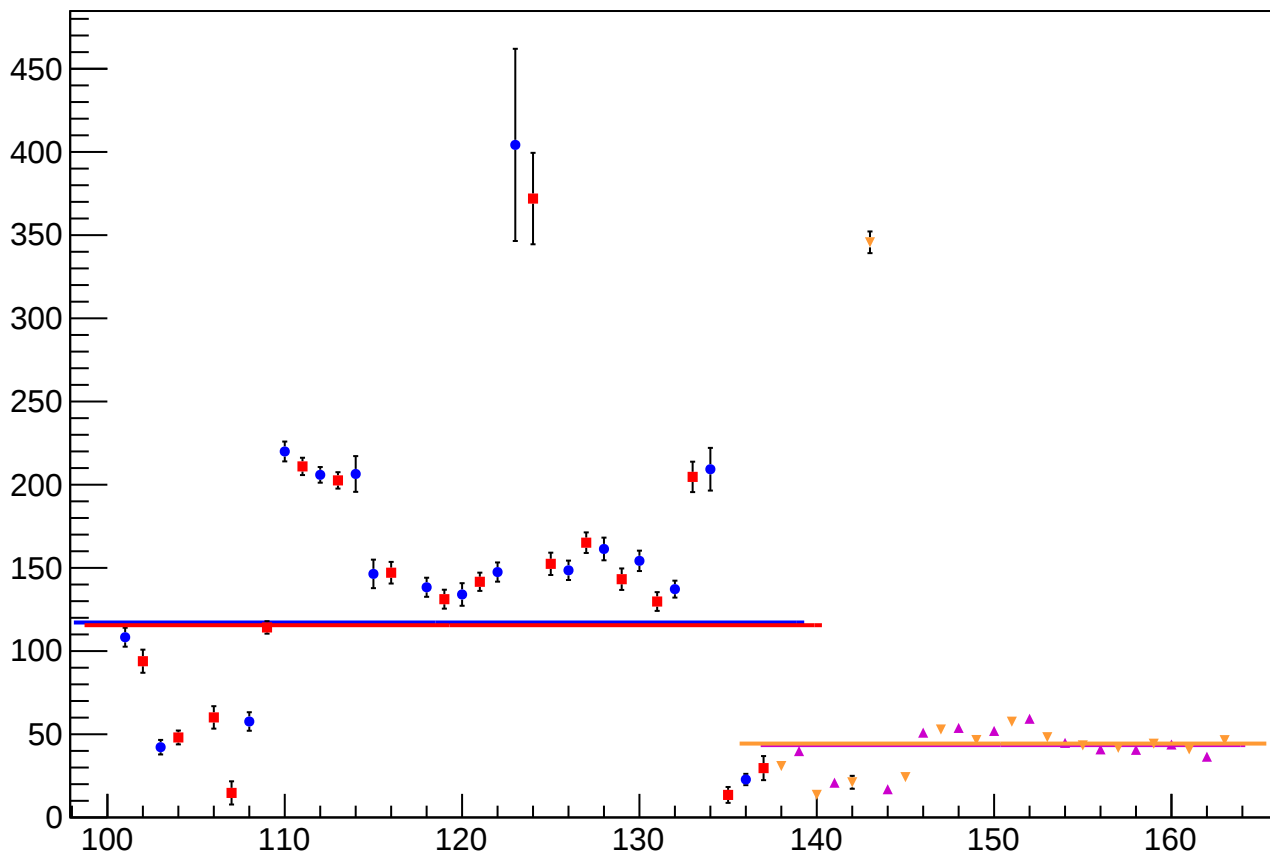
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.218 ± 0.387 χ^2/NDF : 420.2/28

Out: -1.961 ± 0.376 χ^2/NDF : 389.9/31

All: -2.086 ± 0.270 χ^2/NDF : 810.3/60

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.405+/-0.619 χ^2/NDF :2513.0/13

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 43.487+/-0.626 χ^2/NDF :320.9/11

Left: 43.951+/-0.440 χ^2/NDF : 2835.0/25

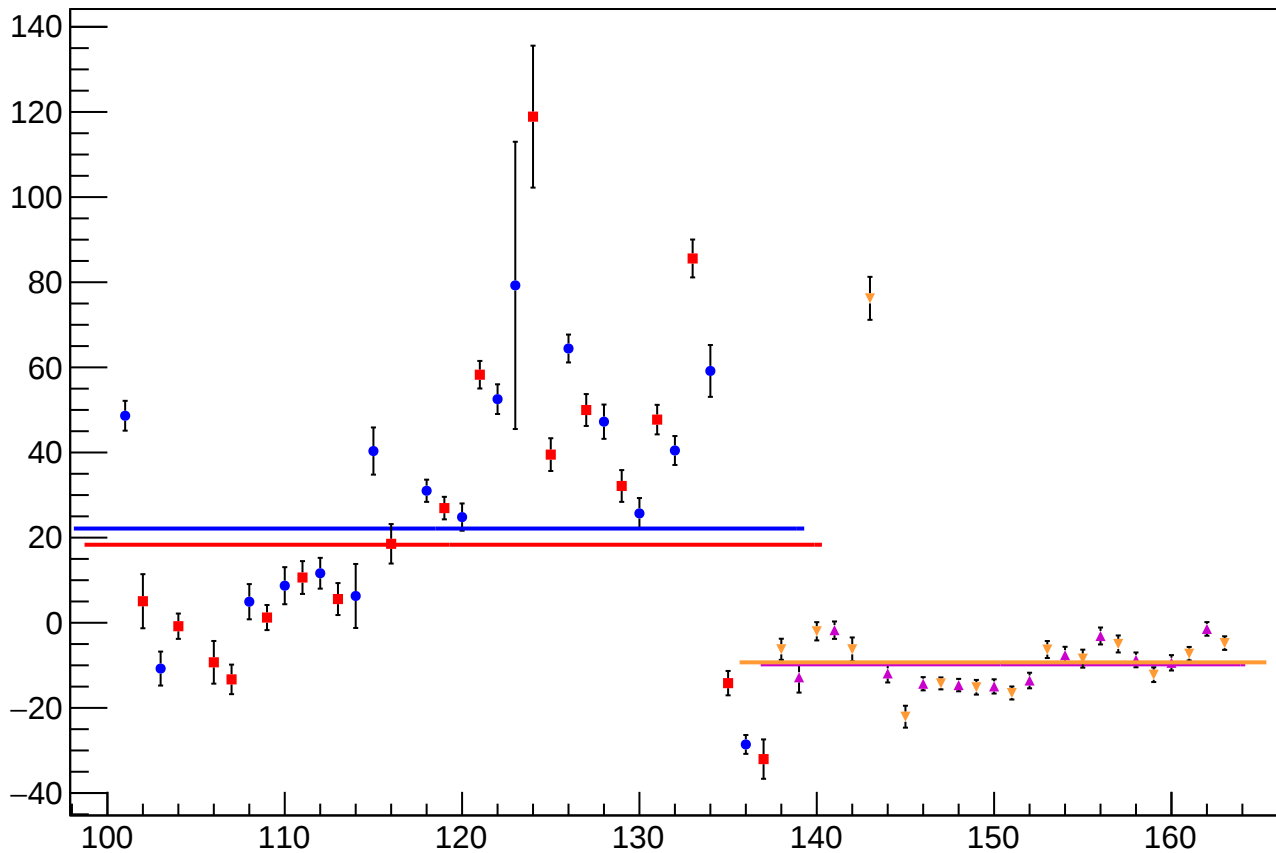
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 55.600+/-0.572 χ^2/NDF :4758.4/28

Out: 56.566+/-0.564 χ^2/NDF :6920.9/31

All: 56.090+/-0.402 χ^2/NDF : 11680.8/60

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -9.299 ± 0.512 $\chi^2/\text{NDF}: 391.5/13$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -9.766 ± 0.526 $\chi^2/\text{NDF}: 90.5/11$

Left: -9.526 ± 0.367 $\chi^2/\text{NDF}: 482.5/25$

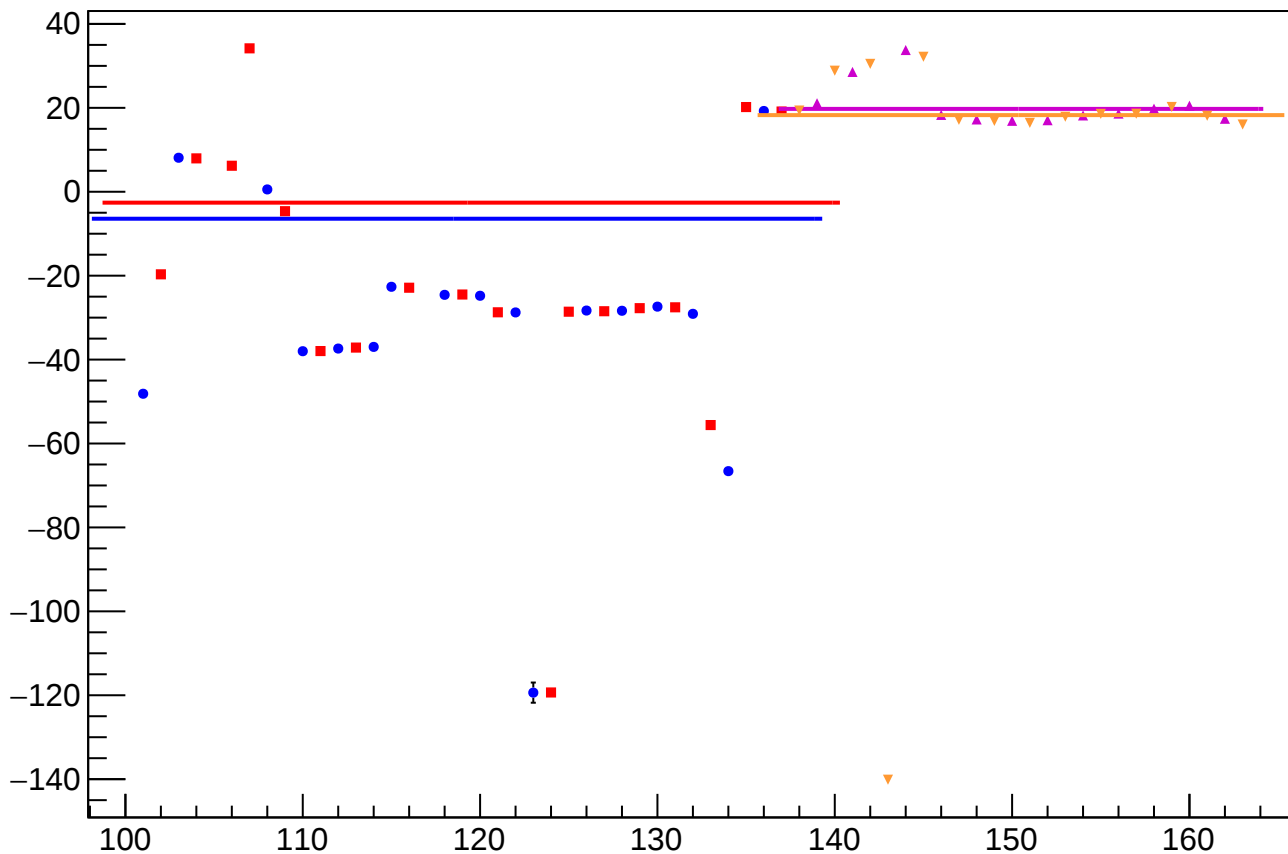
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -1.512 ± 0.453 $\chi^2/\text{NDF}: 2104.6/28$

Out: -2.220 ± 0.441 $\chi^2/\text{NDF}: 2208.6/31$

All: -1.875 ± 0.316 $\chi^2/\text{NDF}: 4314.5/60$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.266 $\pm$ 0.024 χ^2/NDF : 401094.9/13

Right Out: -2.597 $\pm$ 0.046 χ^2/NDF : 263579.4/17

Left In: 19.750 $\pm$ 0.024 χ^2/NDF : 27063.6/11

Left: 19.002 $\pm$ 0.017 χ^2/NDF : 430026.6/25

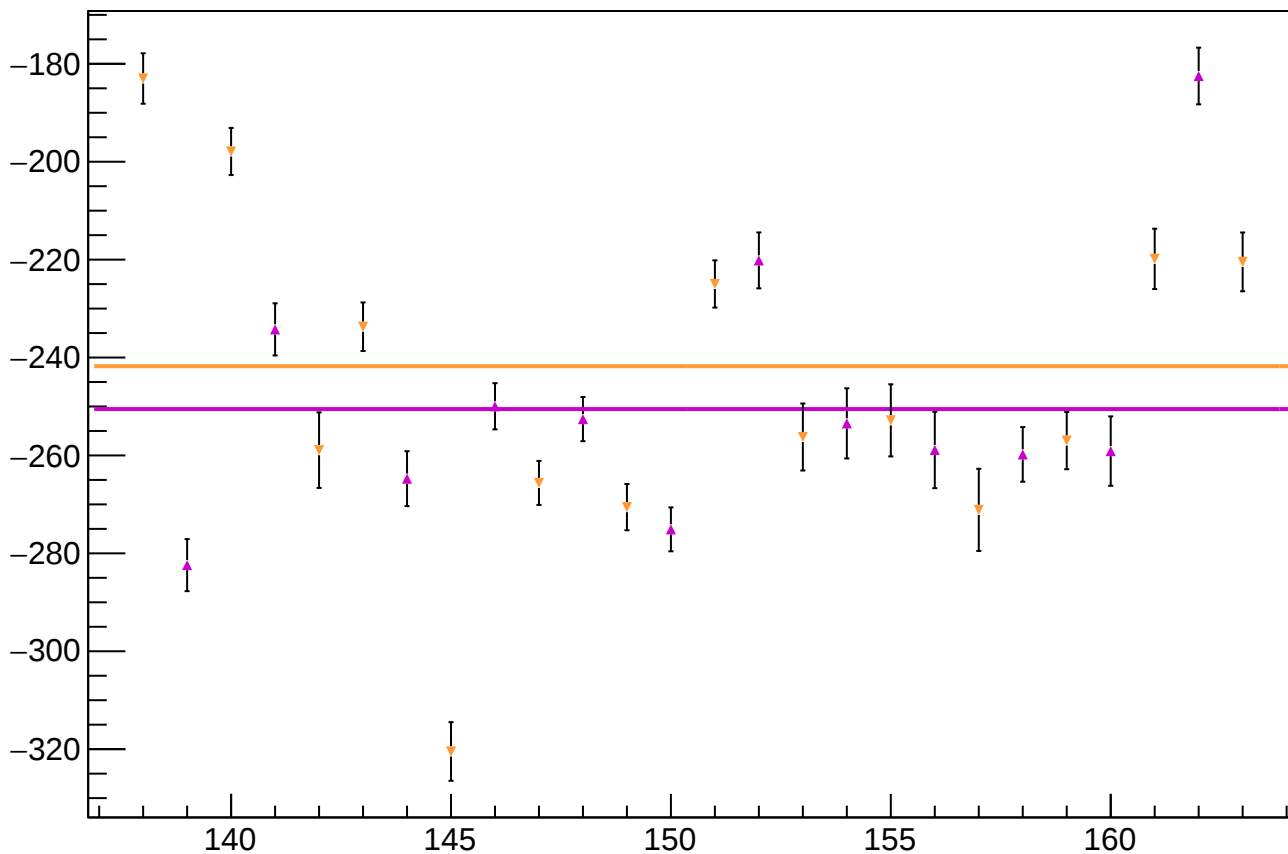
Right: -4.494 $\pm$ 0.033 χ^2/NDF : 532217.8/34

In: 14.054 $\pm$ 0.022 χ^2/NDF : 543297.0/28

Out: 13.710 $\pm$ 0.021 χ^2/NDF : 827040.9/31

All: 13.881 $\pm$ 0.015 χ^2/NDF : 1370466.4/60

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: -241.770 ± 1.506 χ^2/NDF : 521.6/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -250.526 ± 1.592 χ^2/NDF : 254.0/11

Left: -245.906 ± 1.094 χ^2/NDF : 791.5/25

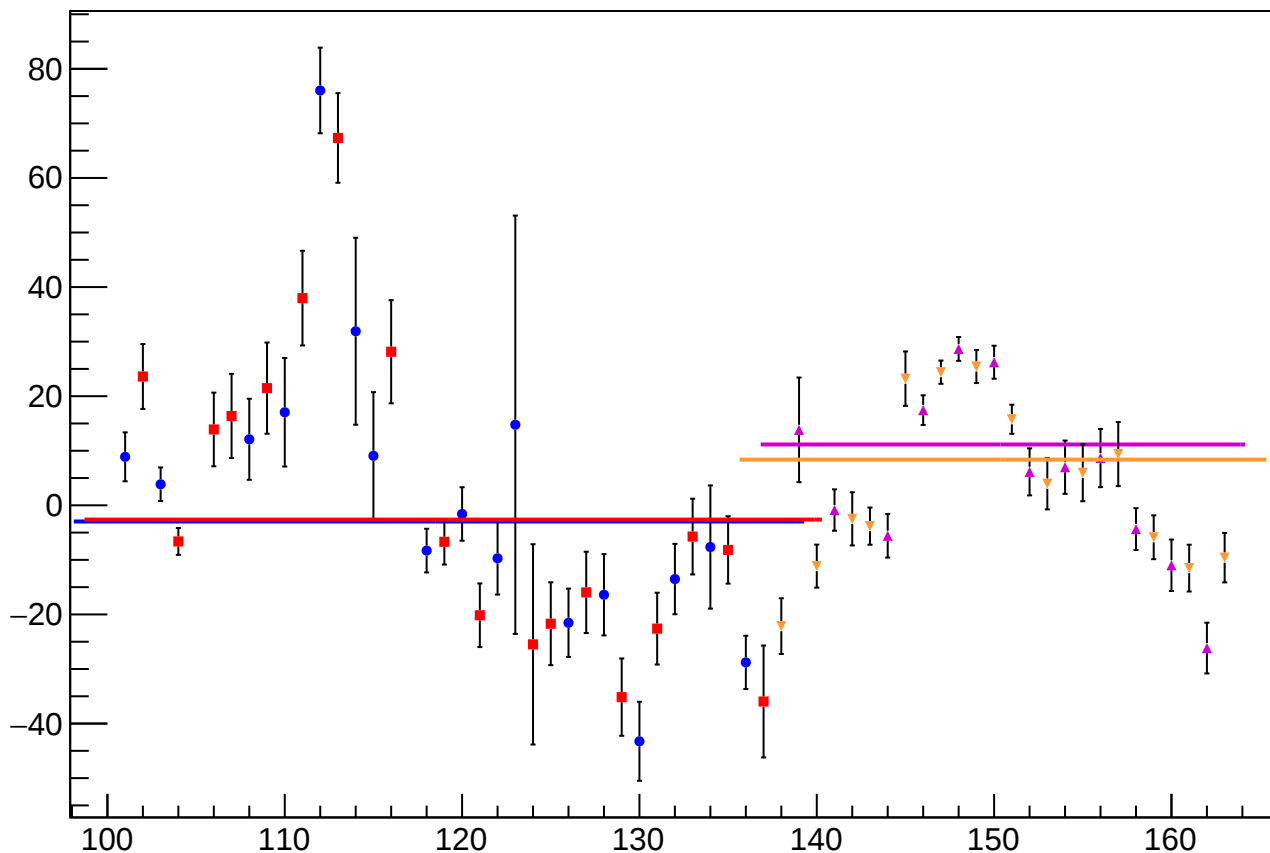
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -250.526 ± 1.592 χ^2/NDF : 254.0/11

Out: -241.770 ± 1.506 χ^2/NDF : 521.6/13

All: -245.906 ± 1.094 χ^2/NDF : 791.5/25

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 8.377 ± 0.991 χ^2/NDF : 233.9/13

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 11.150 ± 1.062 χ^2/NDF : 227.3/11

Left: 9.669 ± 0.725 χ^2/NDF : 464.8/25

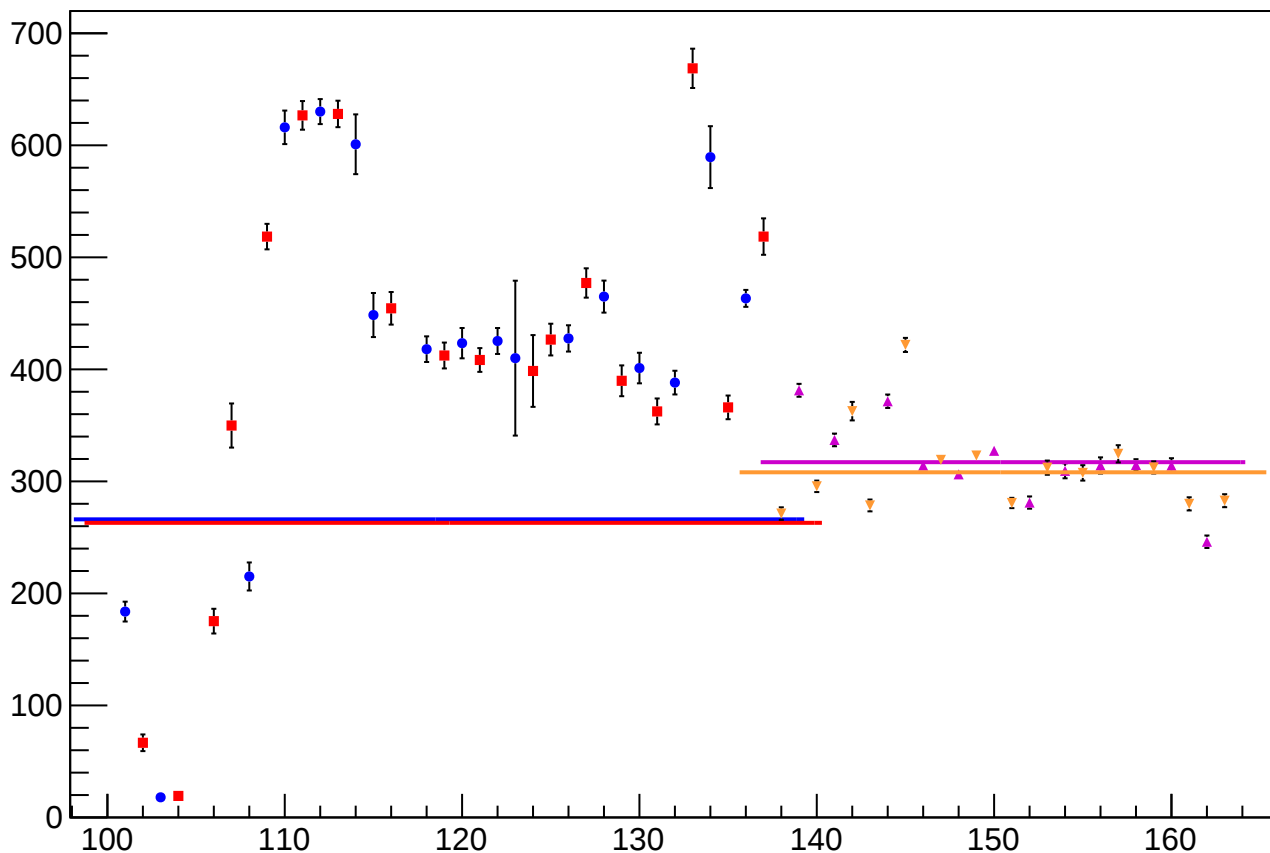
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 6.235 ± 0.857 χ^2/NDF : 492.4/28

Out: 4.702 ± 0.809 χ^2/NDF : 485.5/31

All: 5.424 ± 0.588 χ^2/NDF : 979.5/60

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: 308.110 $\pm$ 1.480 χ^2 /NDF:552.6/13

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 317.144 $\pm$ 1.545 χ^2 /NDF:439.3/11

Left: 312.433 $\pm$ 1.069 χ^2 /NDF: 1009.8/25

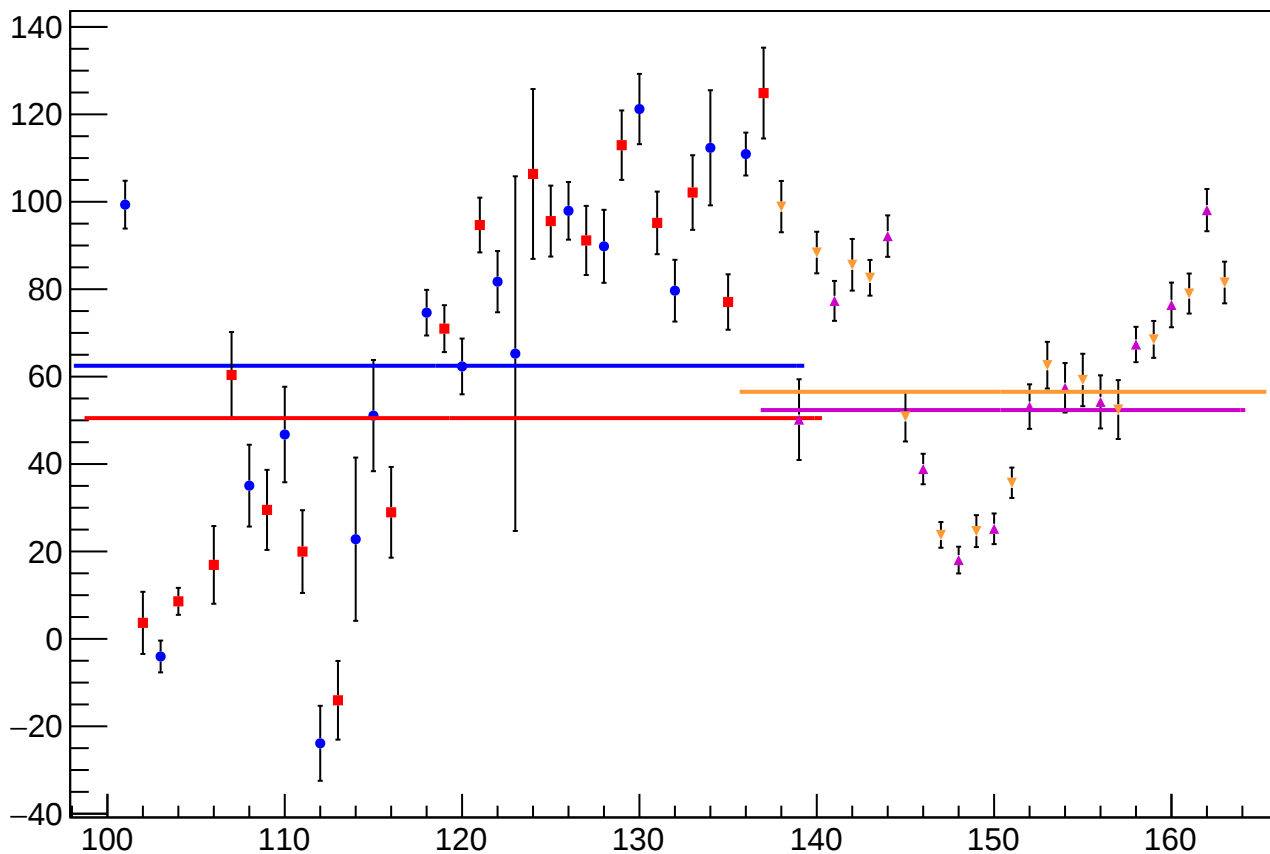
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 302.880 $\pm$ 1.311 χ^2 /NDF:8388.4/28

Out: 296.172 $\pm$ 1.269 χ^2 /NDF:8970.6/31

All: 299.416 $\pm$ 0.912 χ^2 /NDF: 17372.5/60

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 χ^2/NDF : 720.8/16

Left Out: 56.530 ± 1.197 χ^2/NDF : 460.5/13

Right Out: 50.506 ± 1.644 χ^2/NDF : 650.6/17

Left In: 52.348 ± 1.276 χ^2/NDF : 427.8/11

Left: 54.574 ± 0.873 χ^2/NDF : 894.0/25

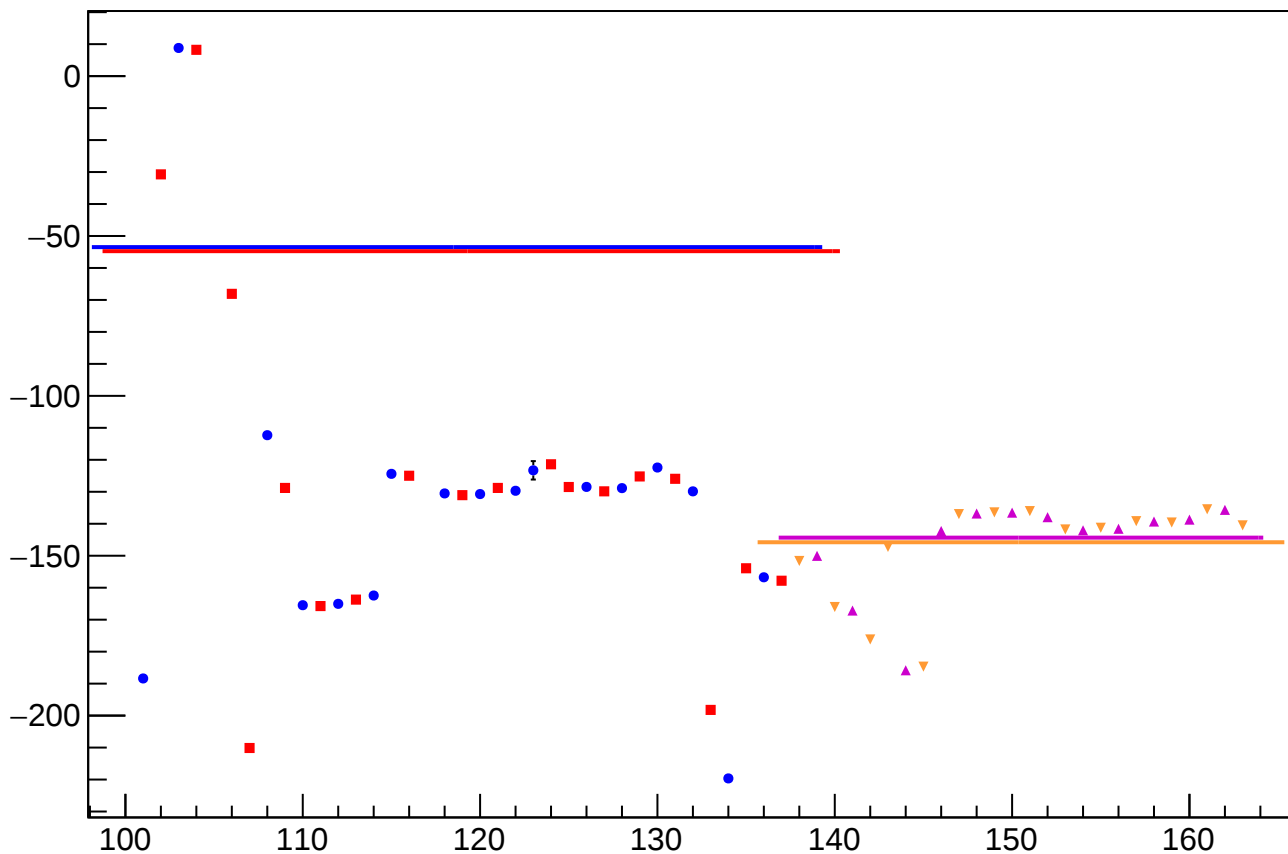
Right: 56.364 ± 1.175 χ^2/NDF : 1397.3/34

In: 56.056 ± 1.017 χ^2/NDF : 1171.6/28

Out: 54.444 ± 0.967 χ^2/NDF : 1119.9/31

All: 55.210 ± 0.701 χ^2/NDF : 2292.8/60

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -145.786+/-0.059 χ^2/NDF : 53627.4/13

Right Out: -54.748+/-0.072 χ^2/NDF : 952446.3/17

Left In: -144.344+/-0.061 χ^2/NDF : 43295.3/11

Left: -145.088+/-0.043 χ^2/NDF : 97208.1/25

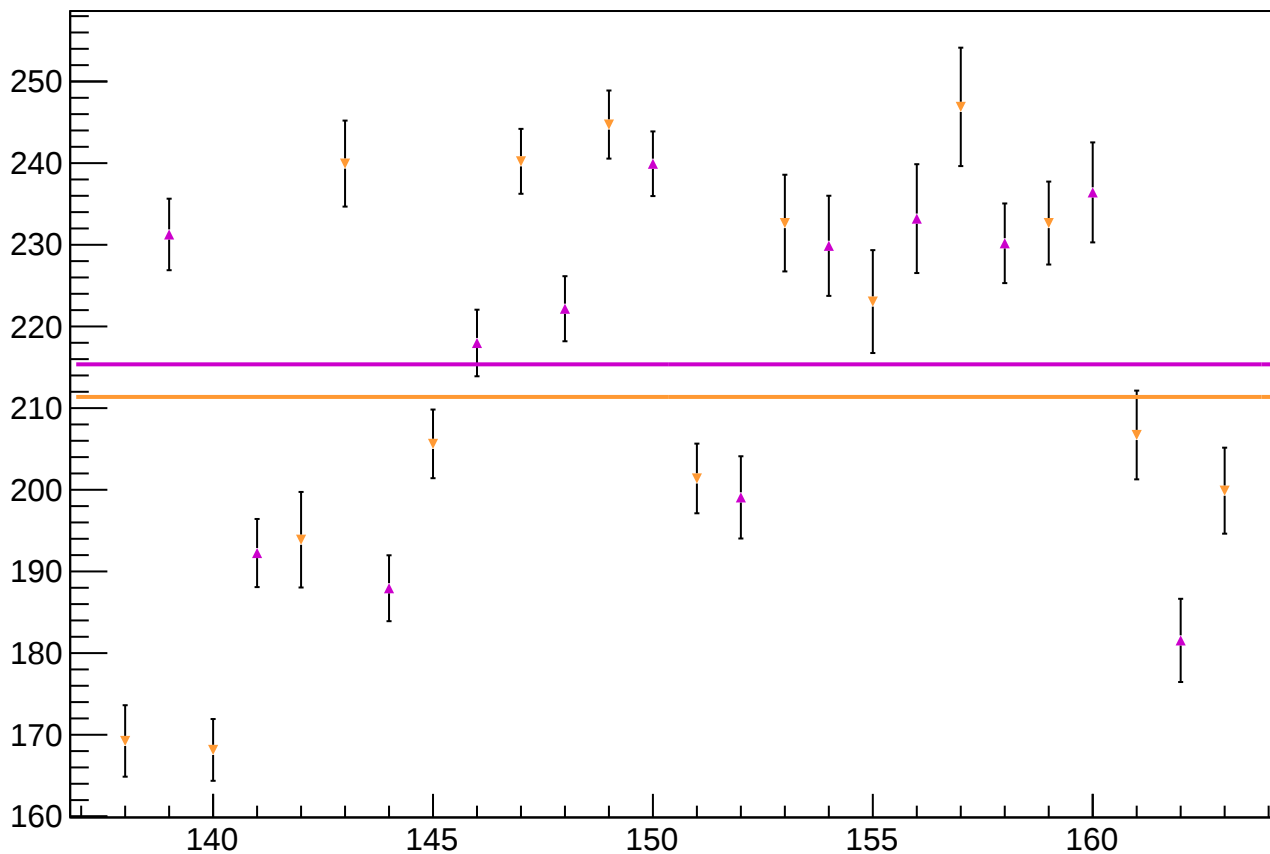
Right: -54.098+/-0.050 χ^2/NDF : 2181335.1/34

In: -105.133+/-0.046 χ^2/NDF : 2221430.4/28

Out: -109.014+/-0.046 χ^2/NDF : 1955551.3/31

All: -107.088+/-0.033 χ^2/NDF : 4180537.5/60

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: 211.369+/-1.290 χ^2/NDF :449.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 215.361+/-1.344 χ^2/NDF :220.2/11

Left: 213.283+/-0.930 χ^2/NDF : 673.9/25

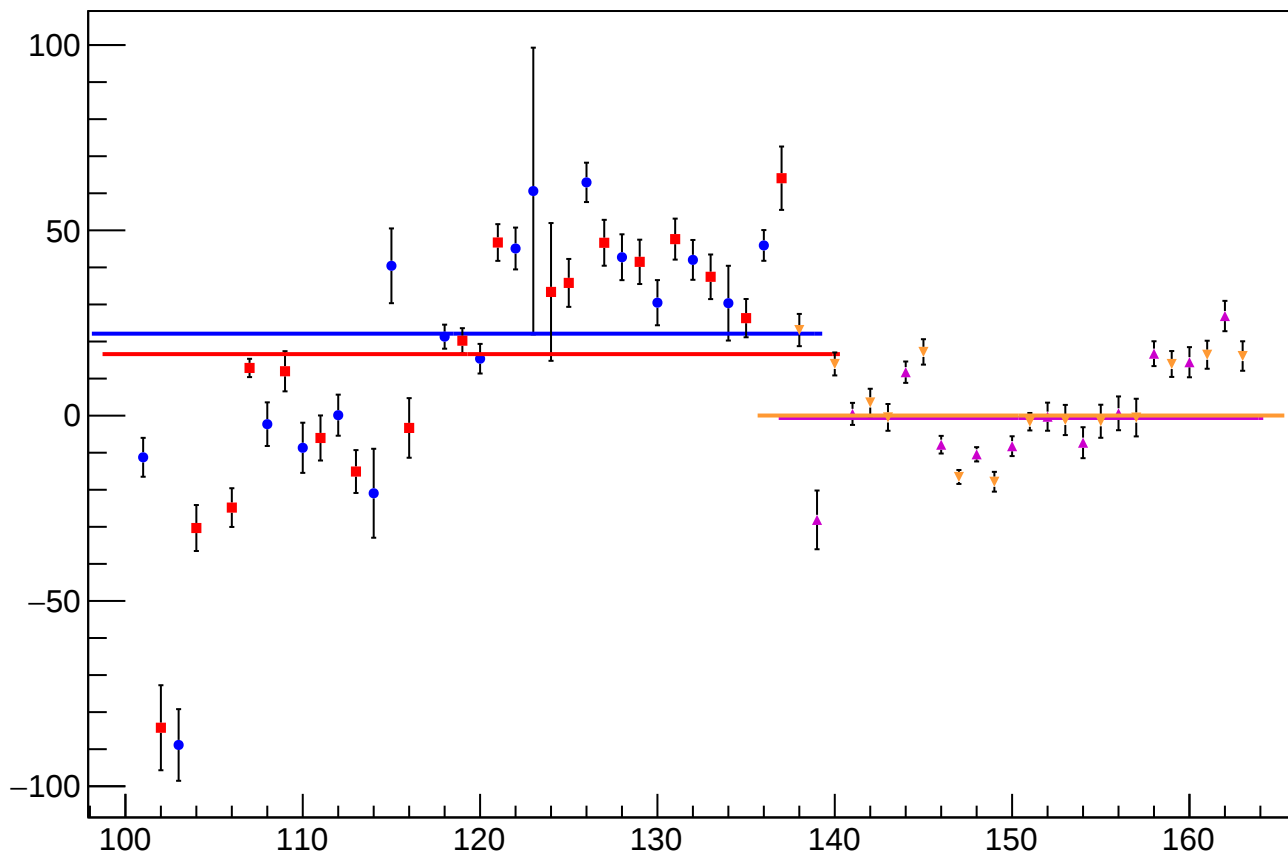
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.361+/-1.344 χ^2/NDF :220.2/11

Out: 211.369+/-1.290 χ^2/NDF :449.1/13

All: 213.283+/-0.930 χ^2/NDF : 673.9/25

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: 0.032 ± 0.858 $\chi^2/\text{NDF}: 248.1/13$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -0.628 ± 0.906 $\chi^2/\text{NDF}: 161.9/11$

Left: -0.280 ± 0.623 $\chi^2/\text{NDF}: 410.3/25$

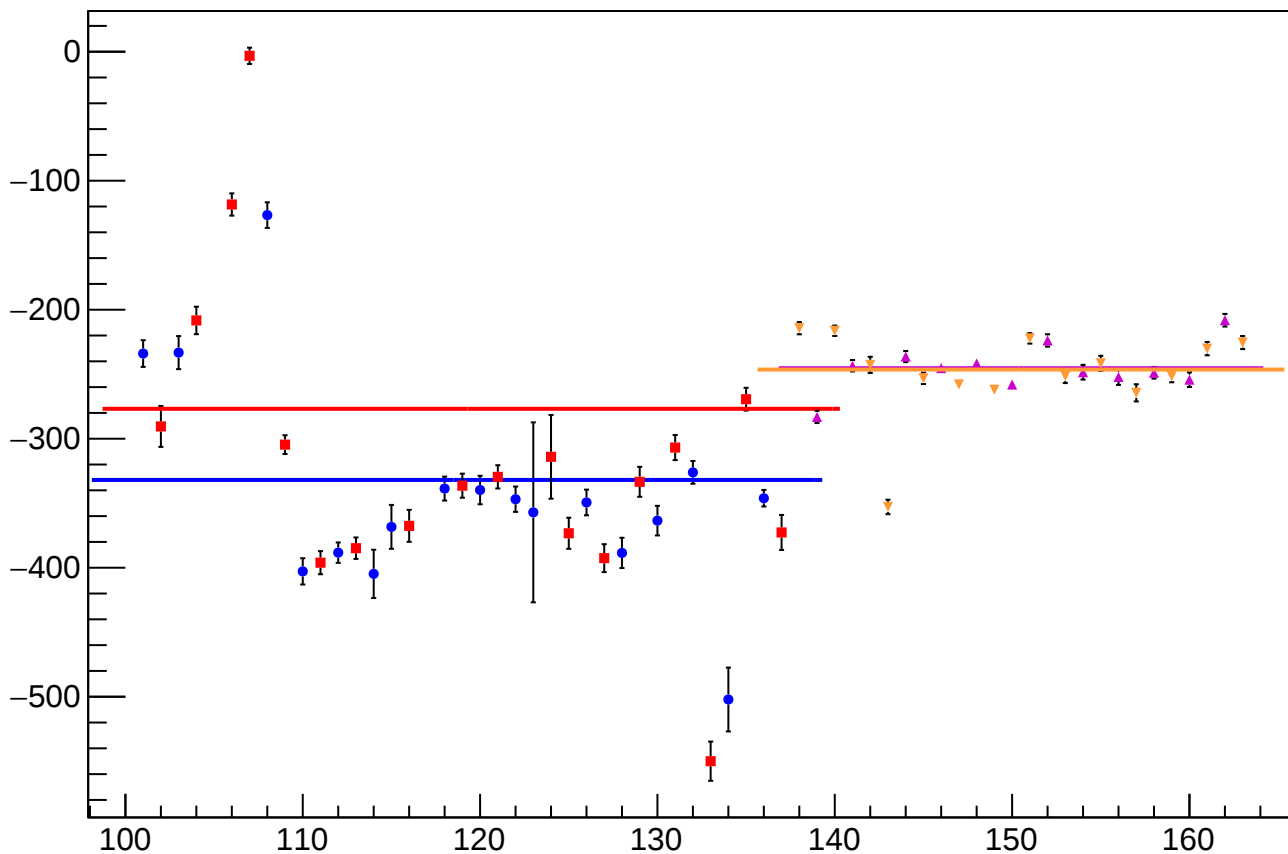
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 6.247 ± 0.757 $\chi^2/\text{NDF}: 734.5/28$

Out: 5.462 ± 0.704 $\chi^2/\text{NDF}: 787.2/31$

All: 5.826 ± 0.515 $\chi^2/\text{NDF}: 1522.2/60$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -246.386 $\pm$ 1.272 χ^2 /NDF:561.6/13

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -245.350 $\pm$ 1.312 χ^2 /NDF:162.8/11

Left: -245.884 $\pm$ 0.913 χ^2 /NDF: 724.7/25

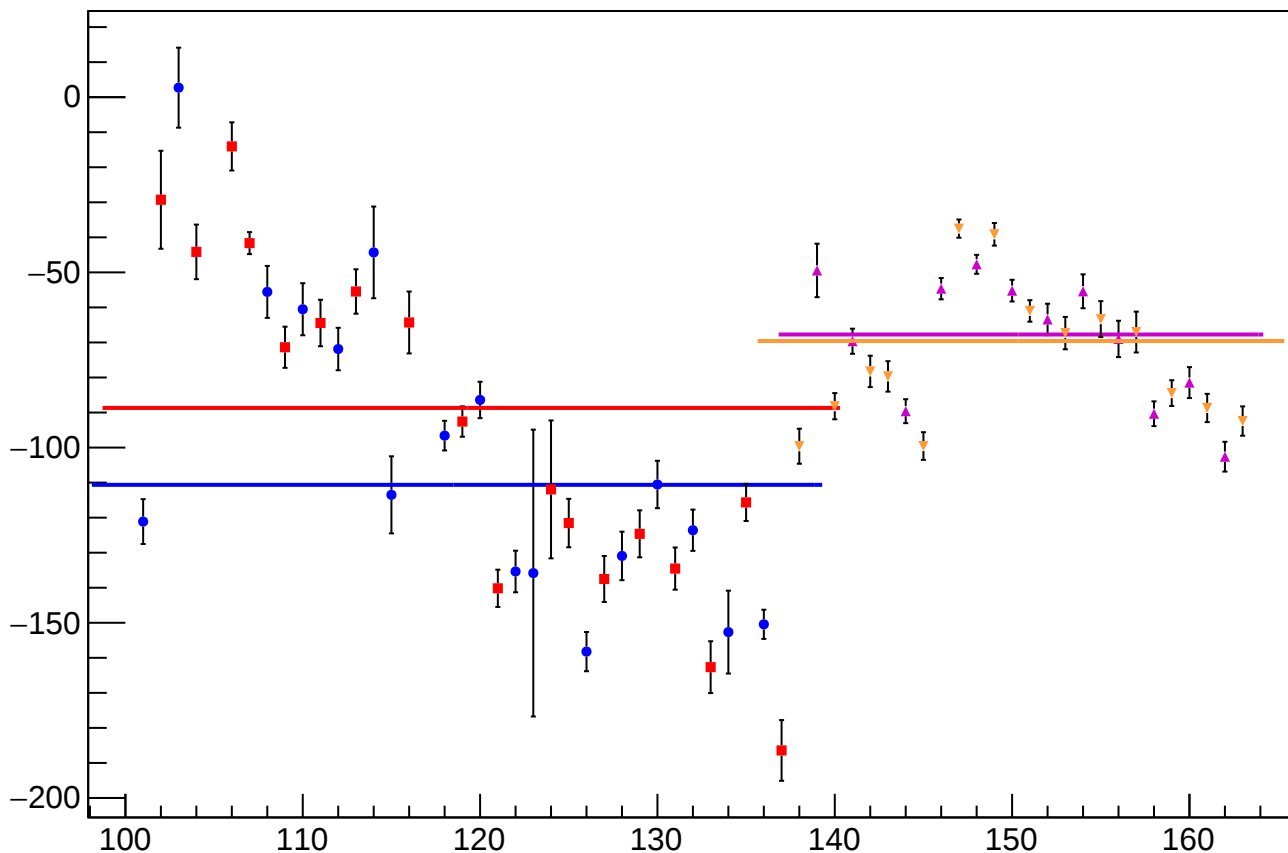
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -263.275 $\pm$ 1.168 χ^2 /NDF:1850.7/28

Out: -253.370 $\pm$ 1.116 χ^2 /NDF:4023.4/31

All: -258.098 $\pm$ 0.807 χ^2 /NDF: 5911.7/60

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: -69.592 ± 1.033 χ^2/NDF : 447.6/13

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -67.728 ± 1.087 χ^2/NDF : 262.2/11

Left: -68.707 ± 0.749 χ^2/NDF : 711.3/25

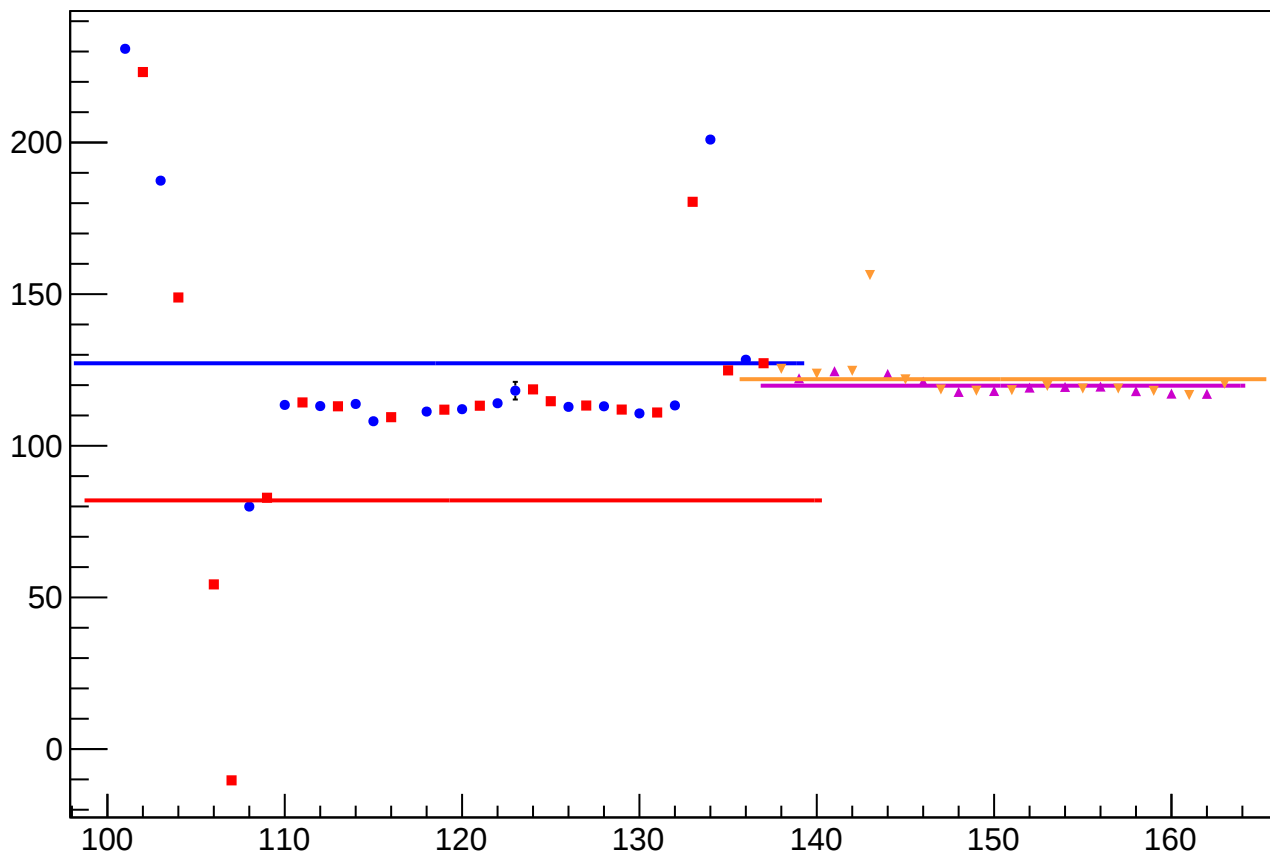
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -81.496 ± 0.896 χ^2/NDF : 1271.1/28

Out: -76.115 ± 0.838 χ^2/NDF : 1528.2/31

All: -78.628 ± 0.612 χ^2/NDF : 2818.5/60

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: 121.959 $\pm$ 0.051 χ^2 /NDF: 26744.4/13

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 119.820 $\pm$ 0.052 χ^2 /NDF: 2170.2/11

Left: 120.912 $\pm$ 0.036 χ^2 /NDF: 29777.0/25

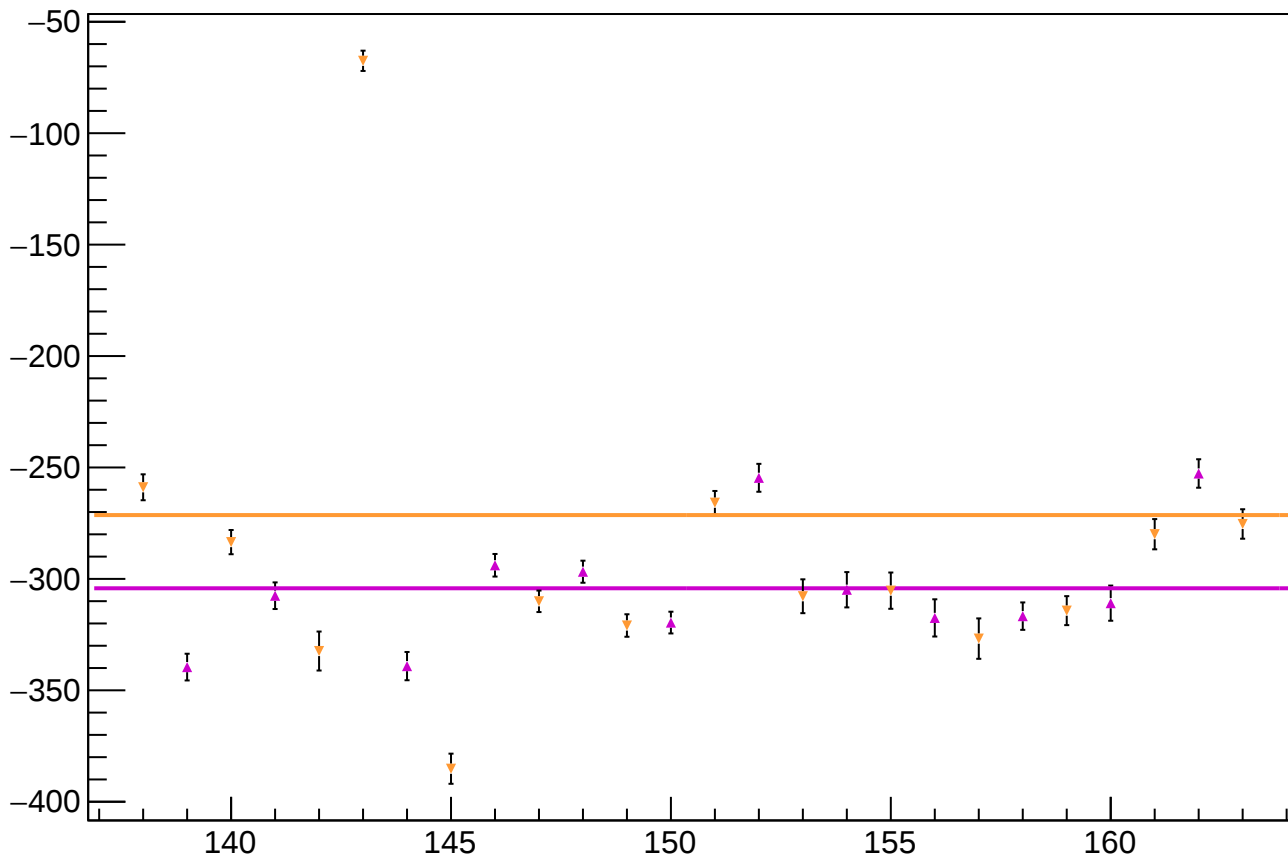
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.698 $\pm$ 0.045 χ^2 /NDF: 195315.2/28

Out: 109.442 $\pm$ 0.042 χ^2 /NDF: 969090.3/31

All: 115.190 $\pm$ 0.031 χ^2 /NDF: 1203877.6/60

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: -271.364+/-1.627 χ^2/NDF :2634.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -304.215+/-1.753 χ^2/NDF :216.9/11

Left: -286.565+/-1.193 χ^2/NDF : 3039.6/25

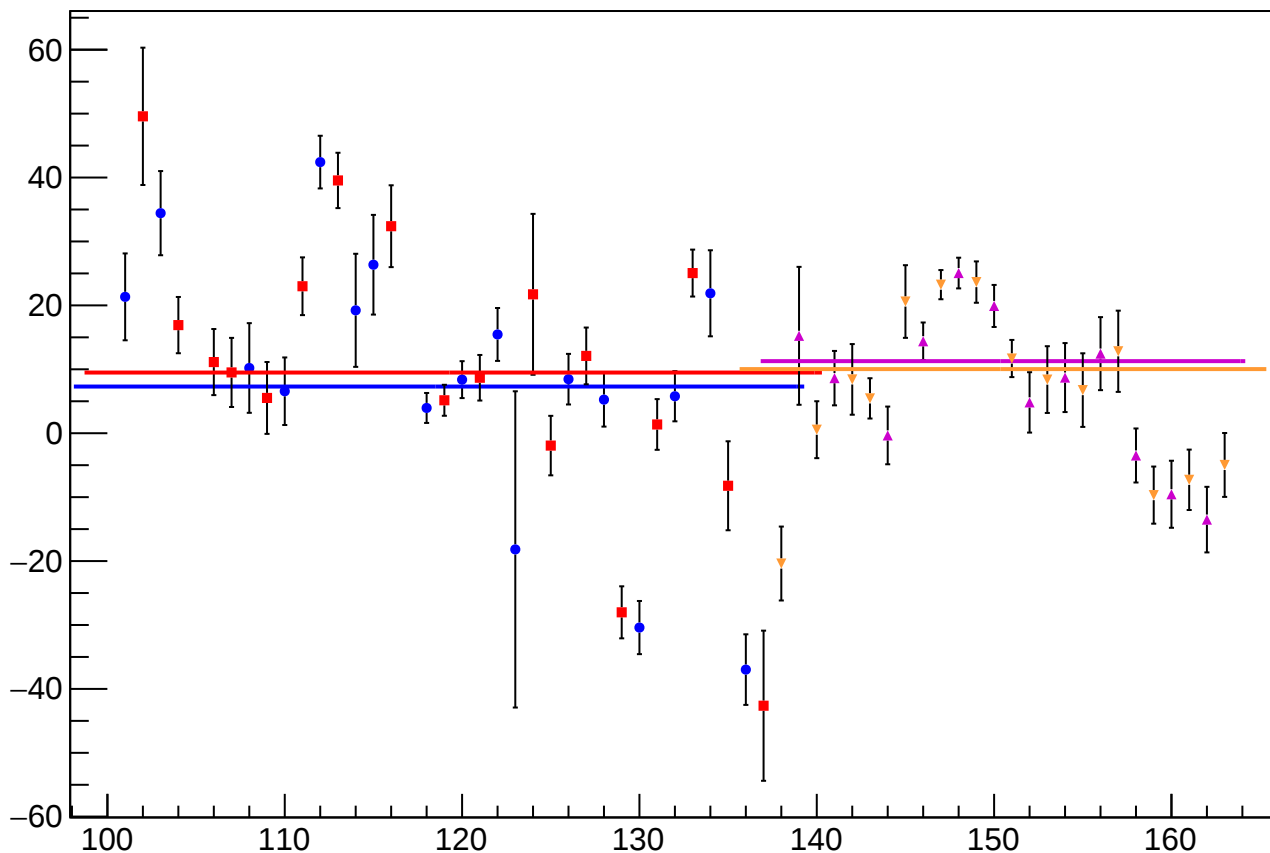
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -304.215+/-1.753 χ^2/NDF :216.9/11

Out: -271.364+/-1.627 χ^2/NDF :2634.1/13

All: -286.565+/-1.193 χ^2/NDF : 3039.6/25

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 10.033 ± 1.068 $\chi^2/\text{NDF}: 131.9/13$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 11.277 ± 1.166 $\chi^2/\text{NDF}: 101.6/11$

Left: 10.600 ± 0.788 $\chi^2/\text{NDF}: 234.1/25$

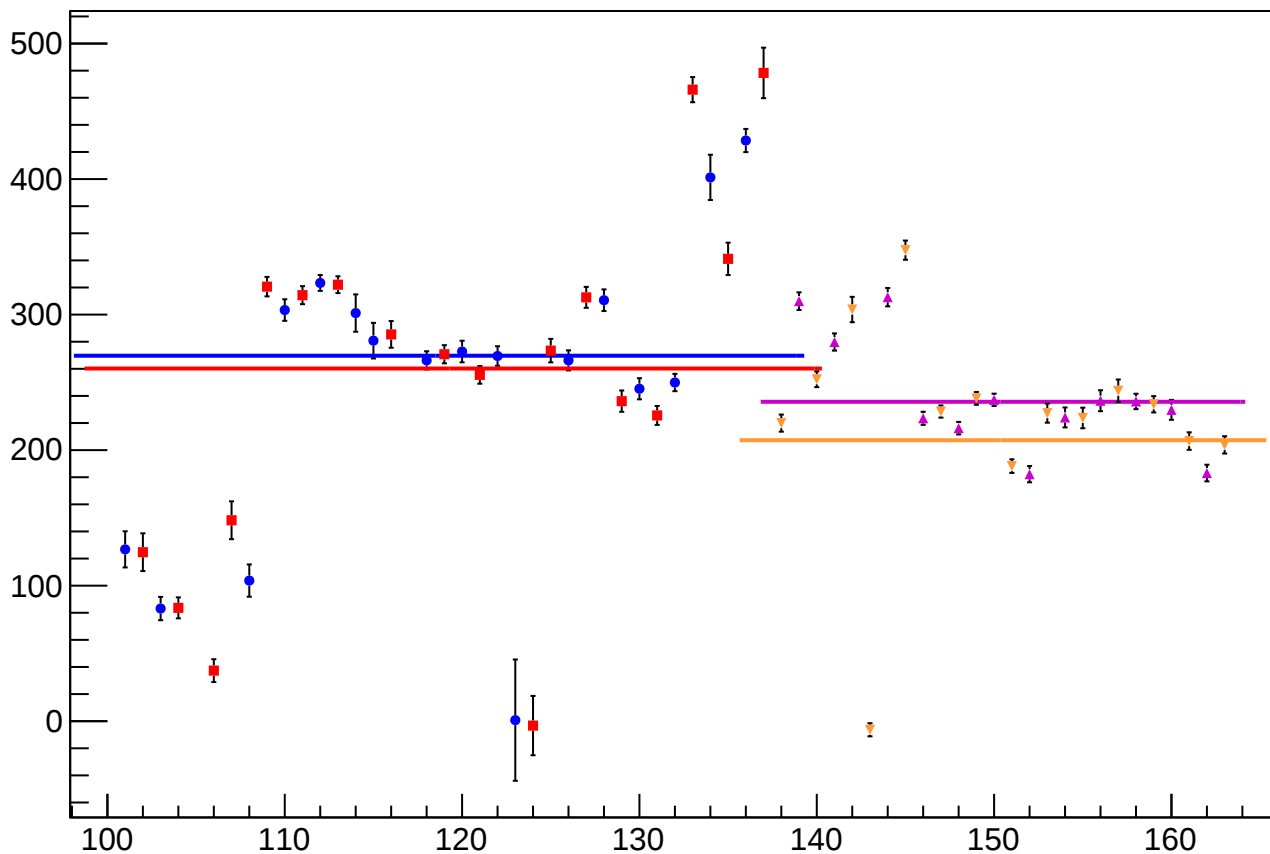
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 9.147 ± 0.795 $\chi^2/\text{NDF}: 368.4/28$

Out: 9.764 ± 0.757 $\chi^2/\text{NDF}: 363.1/31$

All: 9.471 ± 0.548 $\chi^2/\text{NDF}: 731.9/60$

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: 207.317 $\pm$ 1.600 χ^2/NDF :2631.8/13

Right Out: 260.226 $\pm$ 1.979 χ^2/NDF : 2528.0/17

Left In: 235.674 $\pm$ 1.699 χ^2/NDF :488.3/11

Left: 220.648 $\pm$ 1.165 χ^2/NDF : 3267.7/25

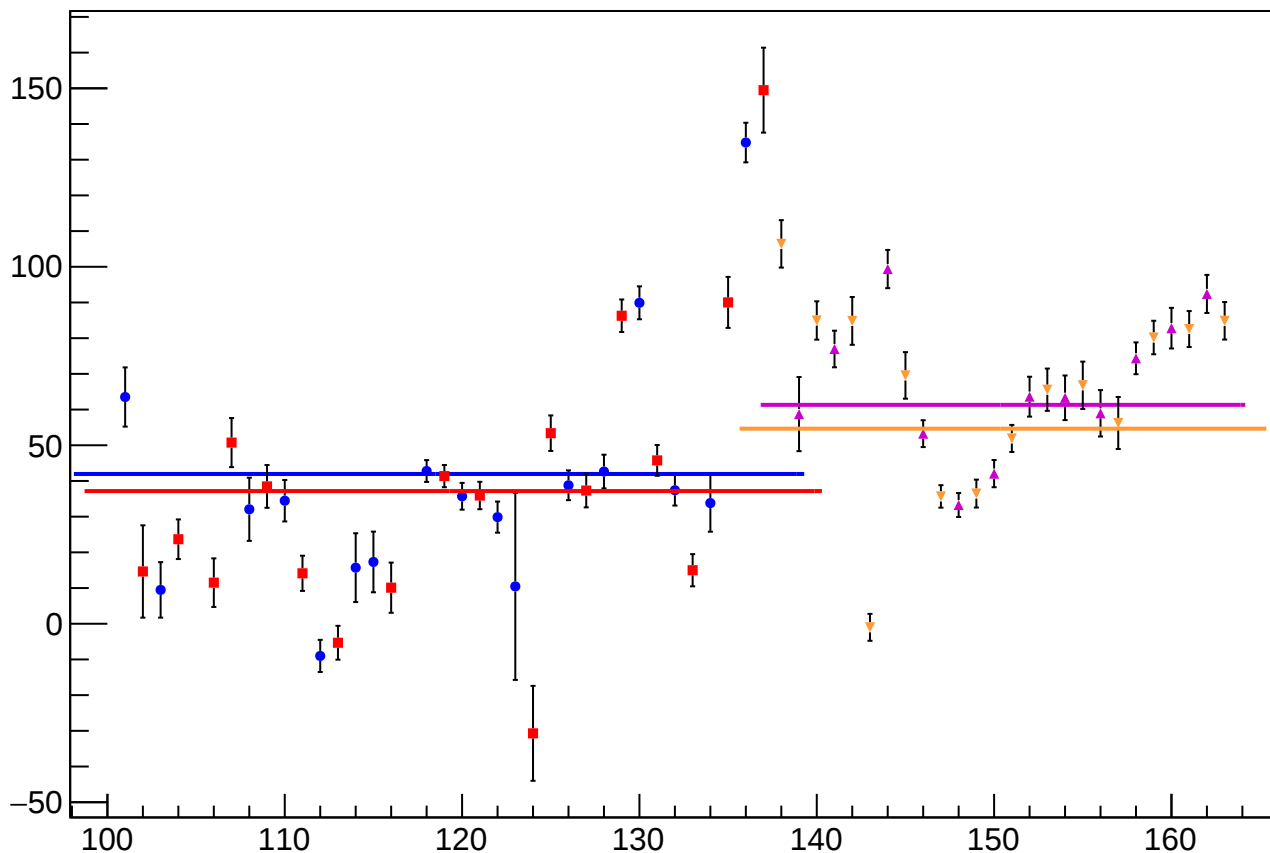
Right: 264.719 $\pm$ 1.432 χ^2/NDF : 3915.4/34

In: 249.309 $\pm$ 1.315 χ^2/NDF :2025.4/28

Out: 228.240 $\pm$ 1.244 χ^2/NDF :5592.0/31

All: 238.194 $\pm$ 0.904 χ^2/NDF : 7752.9/60

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: 54.652 $\pm$ 1.291 χ^2 /NDF:494.7/13

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 61.319 $\pm$ 1.403 χ^2 /NDF:217.0/11

Left: 57.708 $\pm$ 0.950 χ^2 /NDF: 723.9/25

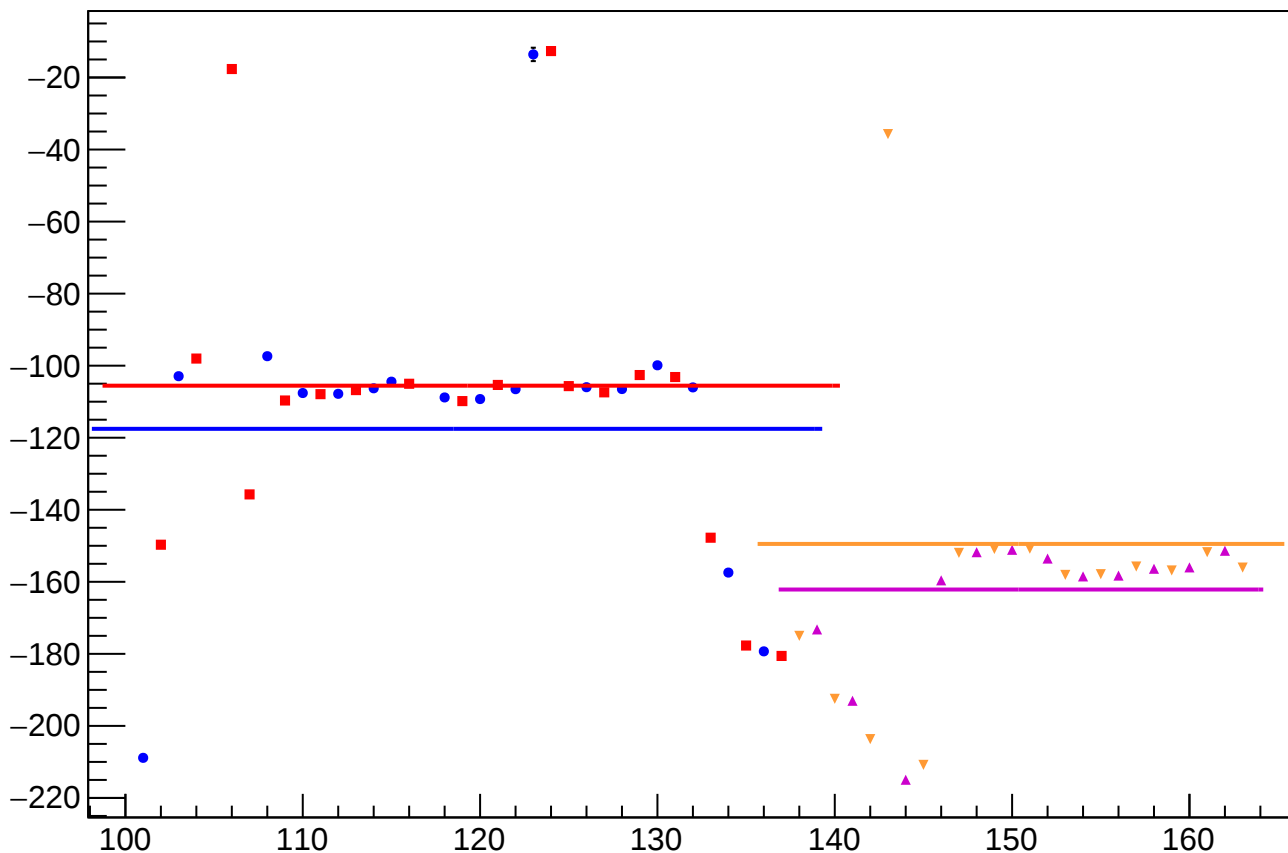
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 50.589 $\pm$ 0.937 χ^2 /NDF:896.8/28

Out: 45.535 $\pm$ 0.893 χ^2 /NDF:1061.3/31

All: 47.941 $\pm$ 0.646 χ^2 /NDF: 1973.3/60

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -149.483+/-0.064 χ^2/NDF : 453578.1/13

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -162.143+/-0.067 χ^2/NDF : 59452.7/11

Left: -155.512+/-0.047 χ^2/NDF : 531497.1/25

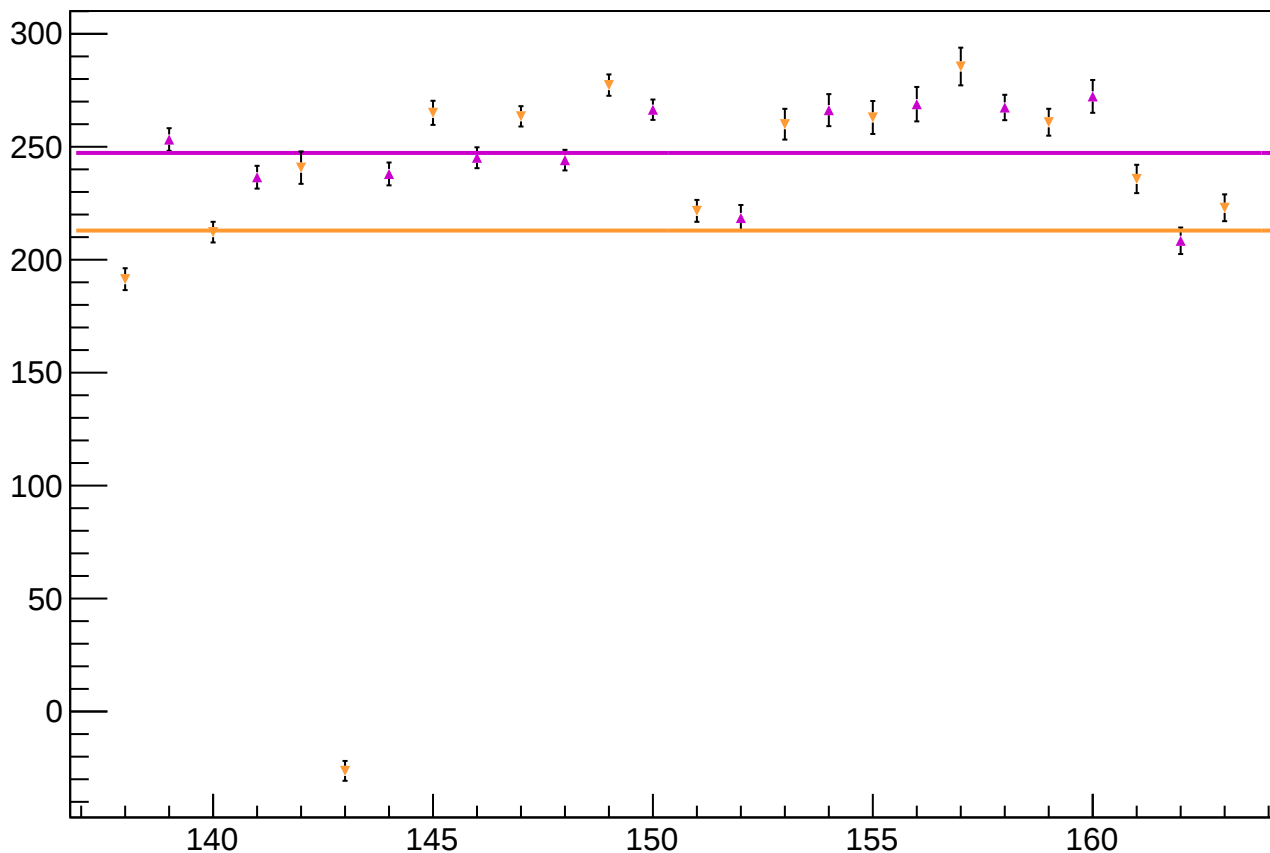
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -143.100+/-0.051 χ^2/NDF : 388357.9/28

Out: -130.259+/-0.048 χ^2/NDF : 975364.3/31

All: -136.313+/-0.035 χ^2/NDF : 1397173.2/60

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.914+/-1.459 χ^2/NDF :3658.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.275+/-1.563 χ^2/NDF :136.8/11

Left: 228.908+/-1.066 χ^2/NDF : 4053.7/25

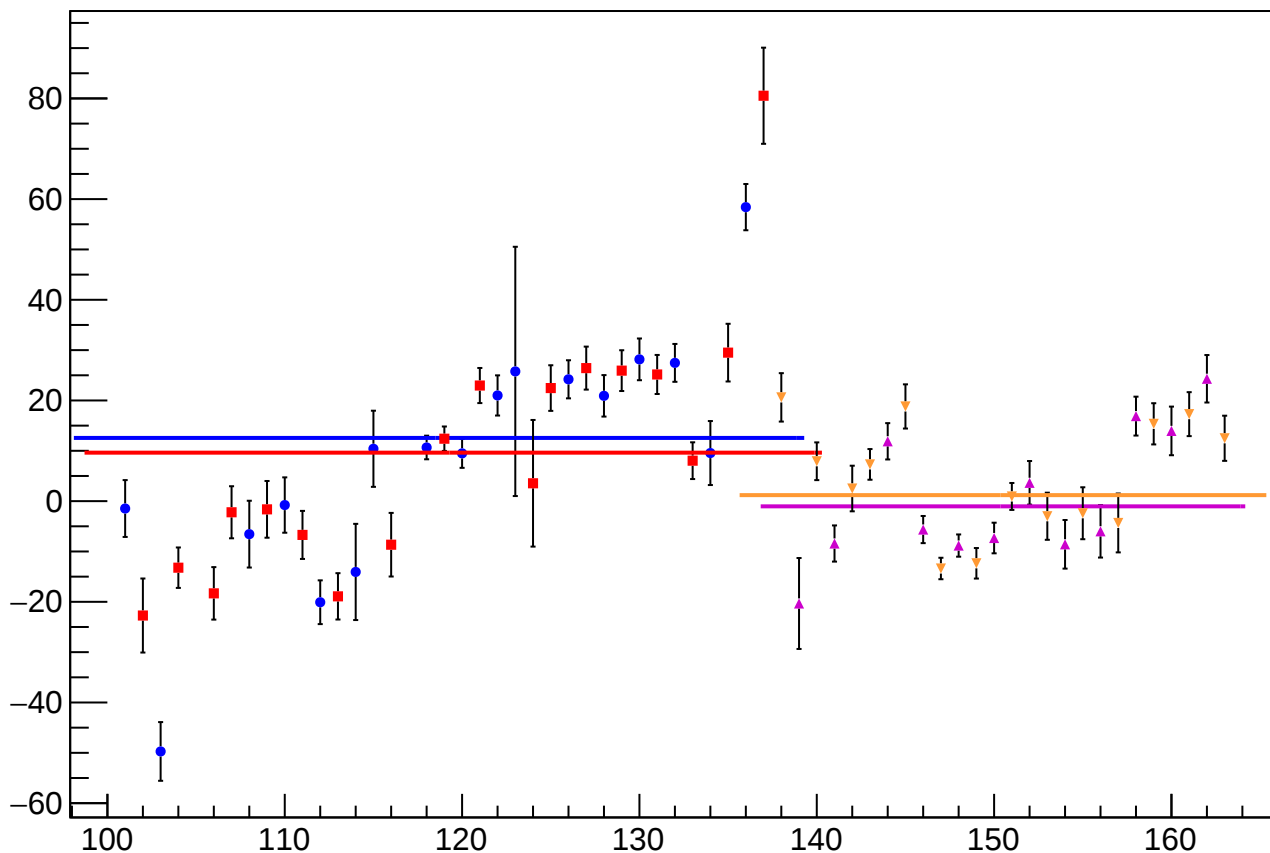
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.275+/-1.563 χ^2/NDF :136.8/11

Out: 212.914+/-1.459 χ^2/NDF :3658.6/13

All: 228.908+/-1.066 χ^2/NDF : 4053.7/25

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: 1.194+/-0.969 χ^2/NDF :140.5/13

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: -1.034+/-1.051 χ^2/NDF :105.8/11

Left: 0.171+/-0.712 χ^2/NDF : 248.7/25

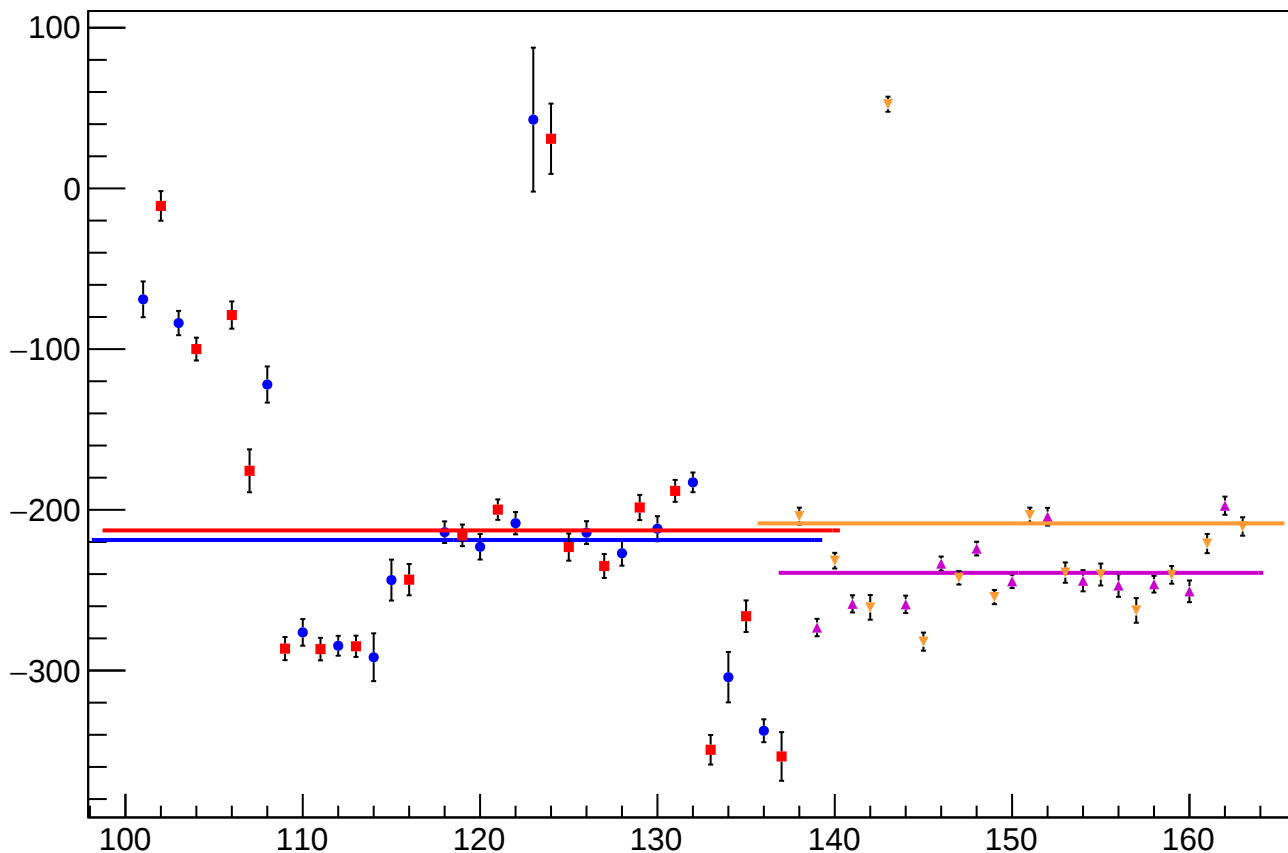
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 5.723+/-0.746 χ^2/NDF :537.4/28

Out: 5.077+/-0.712 χ^2/NDF :462.9/31

All: 5.385+/-0.515 χ^2/NDF : 1000.7/60

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: -208.449 ± 1.441 $\chi^2/\text{NDF}: 3643.0/13$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -239.218 ± 1.522 $\chi^2/\text{NDF}: 182.5/11$

Left: -222.987 ± 1.046 $\chi^2/\text{NDF}: 4041.0/25$

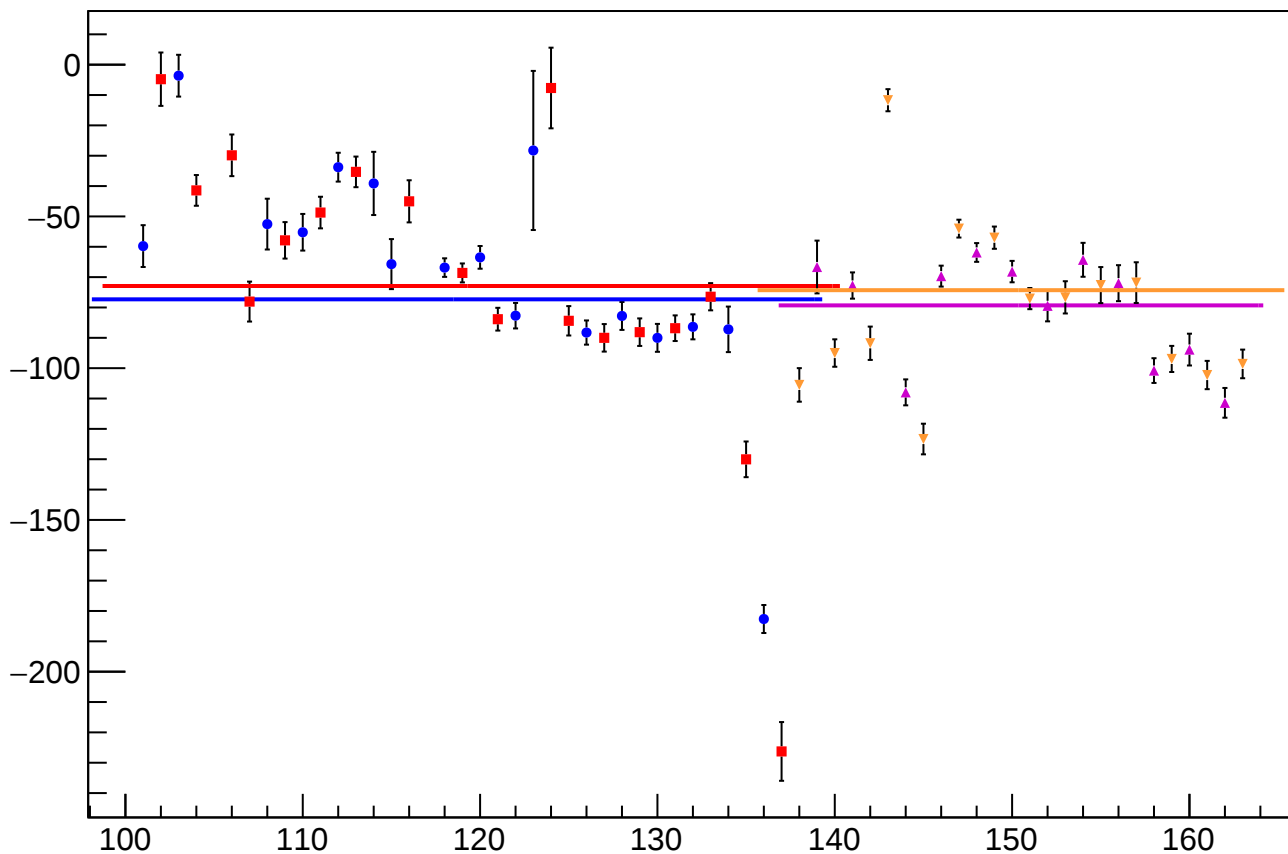
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.766 ± 1.214 $\chi^2/\text{NDF}: 1392.7/28$

Out: -210.016 ± 1.154 $\chi^2/\text{NDF}: 5470.8/31$

All: -220.341 ± 0.836 $\chi^2/\text{NDF}: 7032.2/60$

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: -74.301 ± 1.168 χ^2/NDF : 613.9/13

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -79.311 ± 1.263 χ^2/NDF : 186.1/11

Left: -76.611 ± 0.857 χ^2/NDF : 808.4/25

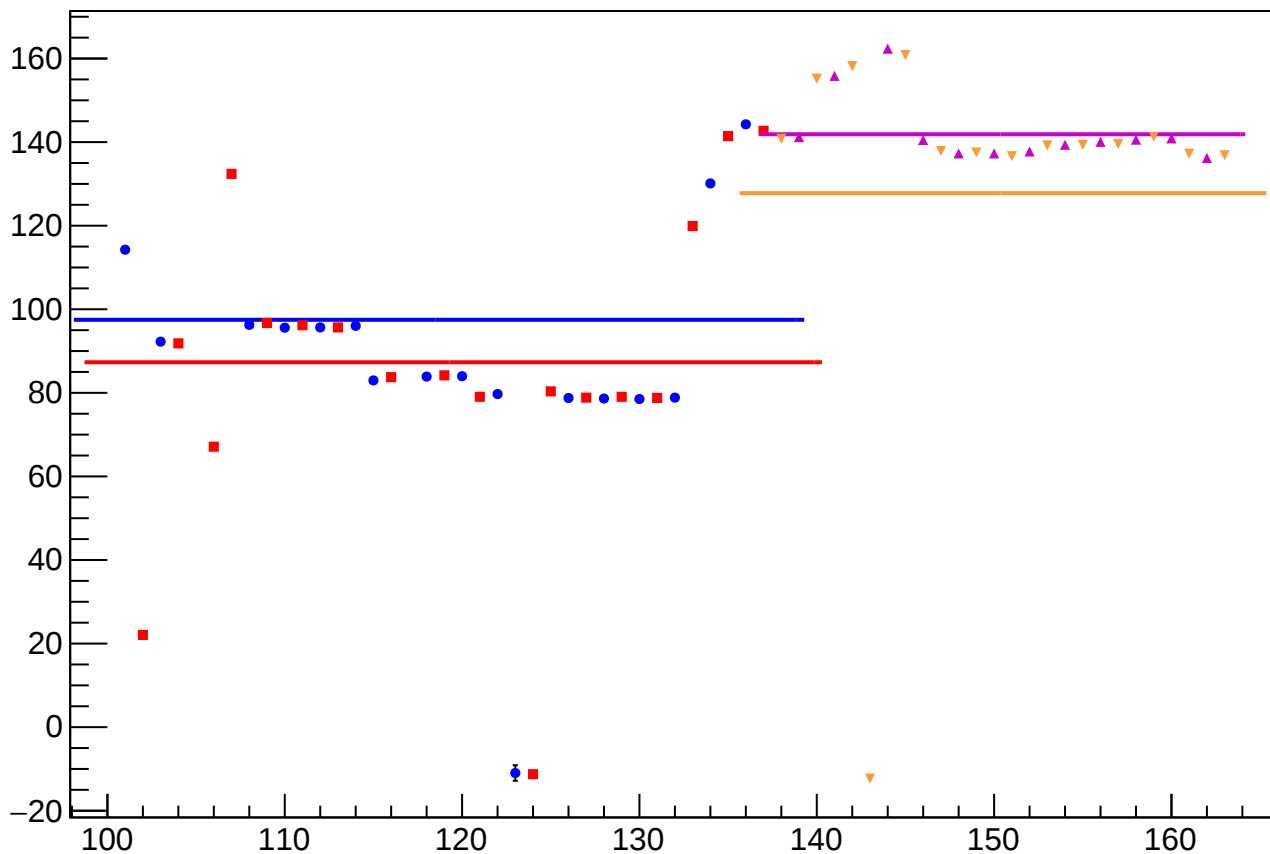
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.282 ± 0.878 χ^2/NDF : 1005.1/28

Out: -73.635 ± 0.840 χ^2/NDF : 1275.4/31

All: -75.854 ± 0.607 χ^2/NDF : 2295.0/60

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 127.785+/-0.058 χ^2/NDF : 628620.2/13

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 141.882+/-0.060 χ^2/NDF : 14232.4/11

Left: 134.526+/-0.042 χ^2/NDF : 671302.1/25

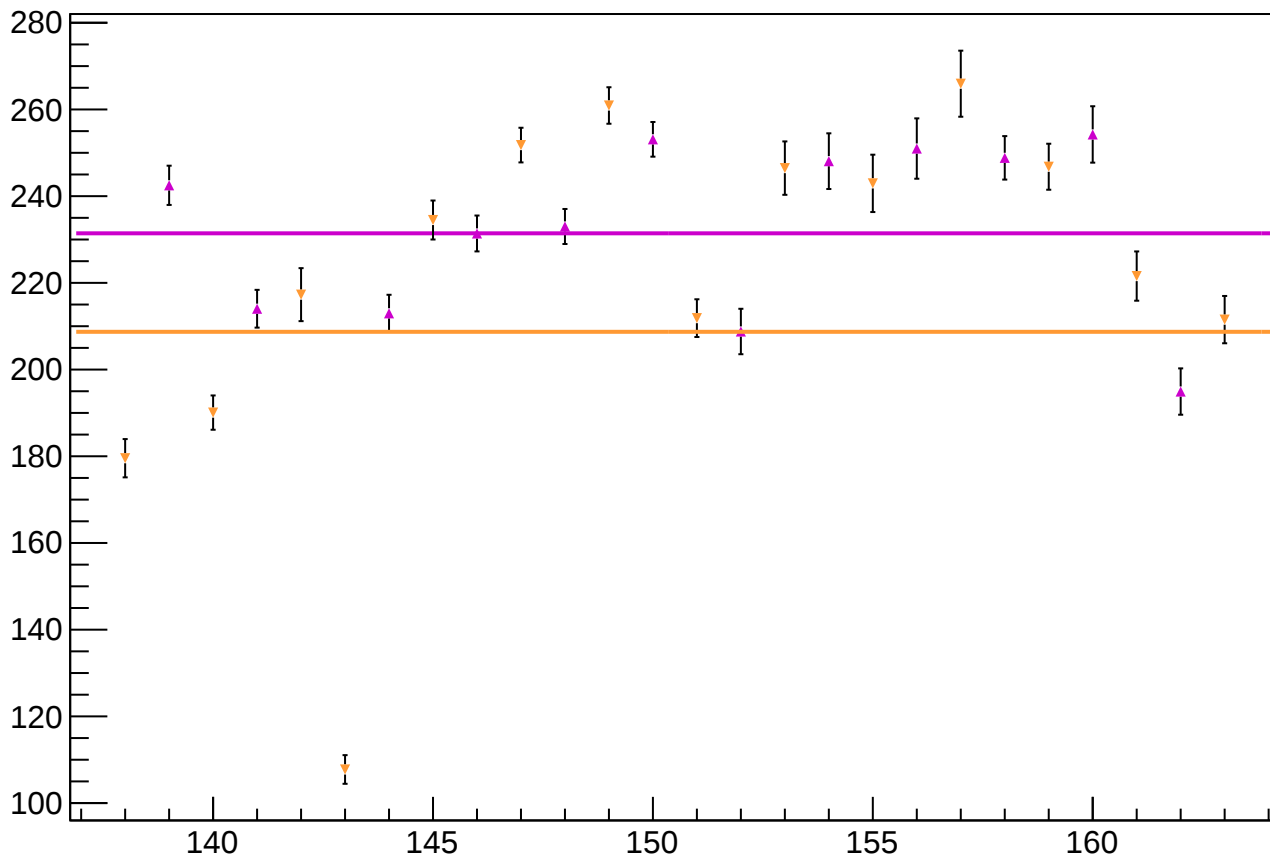
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 123.955+/-0.047 χ^2/NDF : 326986.6/28

Out: 110.912+/-0.044 χ^2/NDF : 1054912.4/31

All: 117.076+/-0.032 χ^2/NDF : 1423186.5/60

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: 208.711+/-1.269 χ^2/NDF :1481.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 231.430+/-1.389 χ^2/NDF :174.3/11

Left: 219.040+/-0.937 χ^2/NDF : 1801.4/25

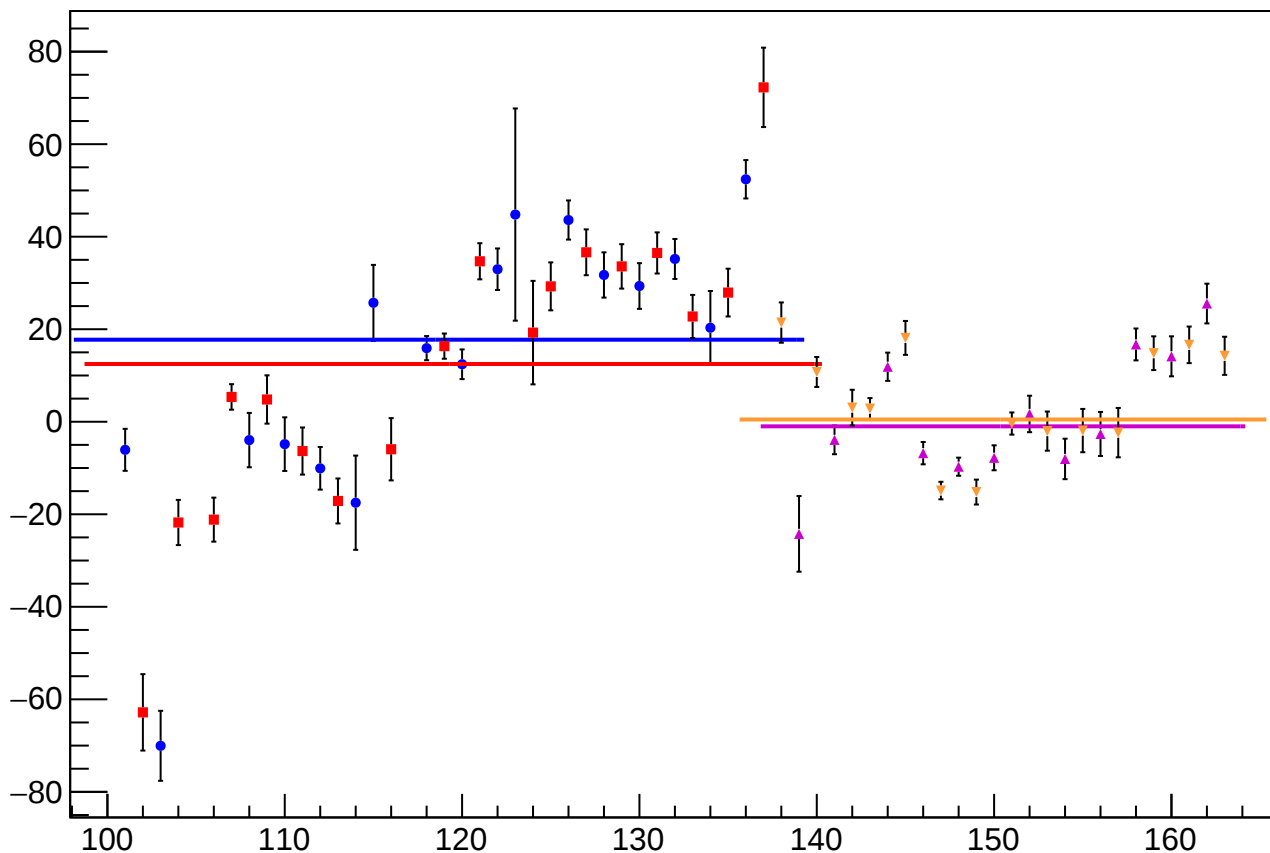
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.430+/-1.389 χ^2/NDF :174.3/11

Out: 208.711+/-1.269 χ^2/NDF :1481.3/13

All: 219.040+/-0.937 χ^2/NDF : 1801.4/25

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737+/-1.149 χ^2 /NDF: 394.0/16

Left Out: 0.487+/-0.843 χ^2 /NDF:201.8/13

Right Out: 12.484+/-1.085 χ^2 /NDF: 429.2/17

Left In: -0.992+/-0.933 χ^2 /NDF:138.8/11

Left: -0.178+/-0.625 χ^2 /NDF: 342.0/25

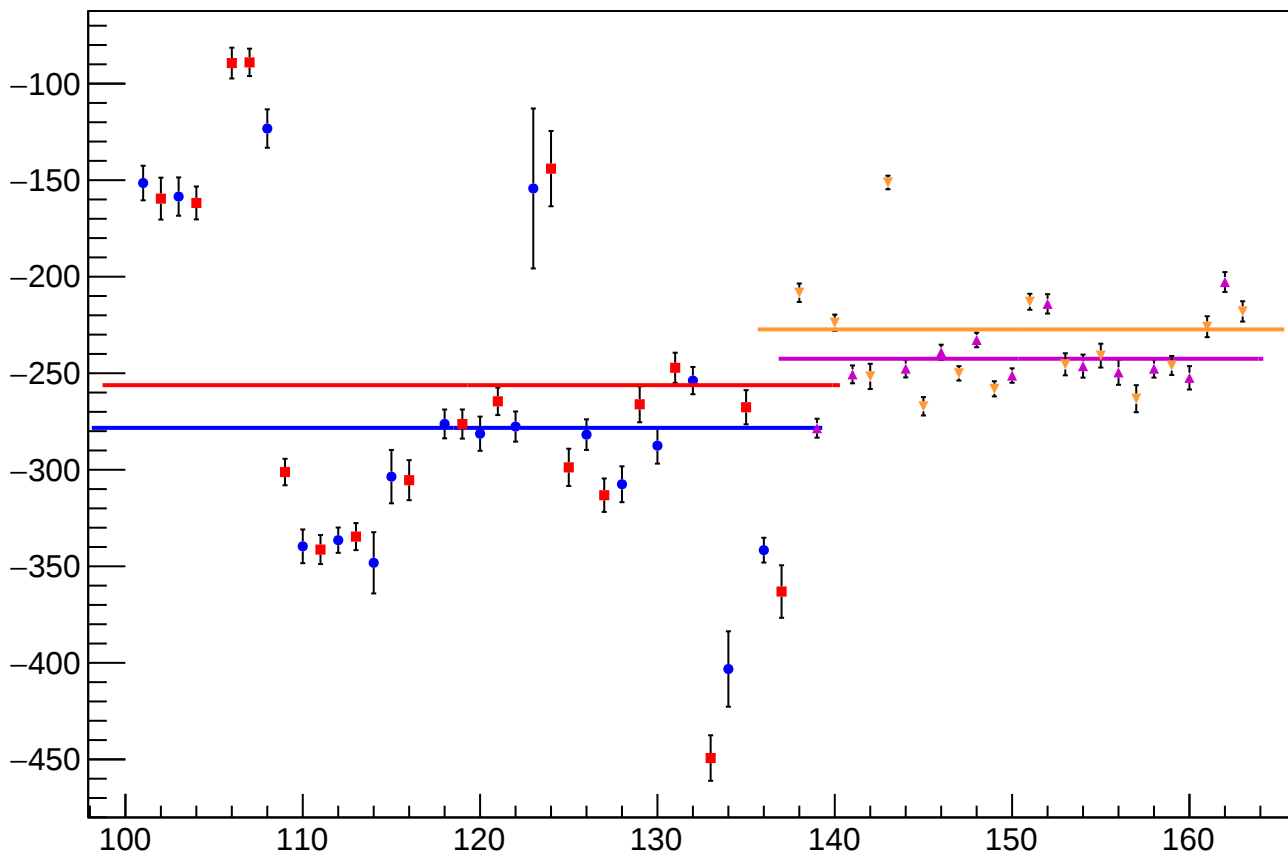
Right: 14.961+/-0.789 χ^2 /NDF: 834.2/34

In: 6.453+/-0.724 χ^2 /NDF:693.0/28

Out: 5.001+/-0.666 χ^2 /NDF:707.2/31

All: 5.666+/-0.490 χ^2 /NDF: 1402.4/60

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -227.296+/-1.259 χ^2/NDF : 735.1/13

Right Out: -256.177+/-2.025 χ^2/NDF : 1952.2/17

Left In: -242.502+/-1.355 χ^2/NDF : 168.2/11

Left: -234.339+/-0.922 χ^2/NDF : 971.0/25

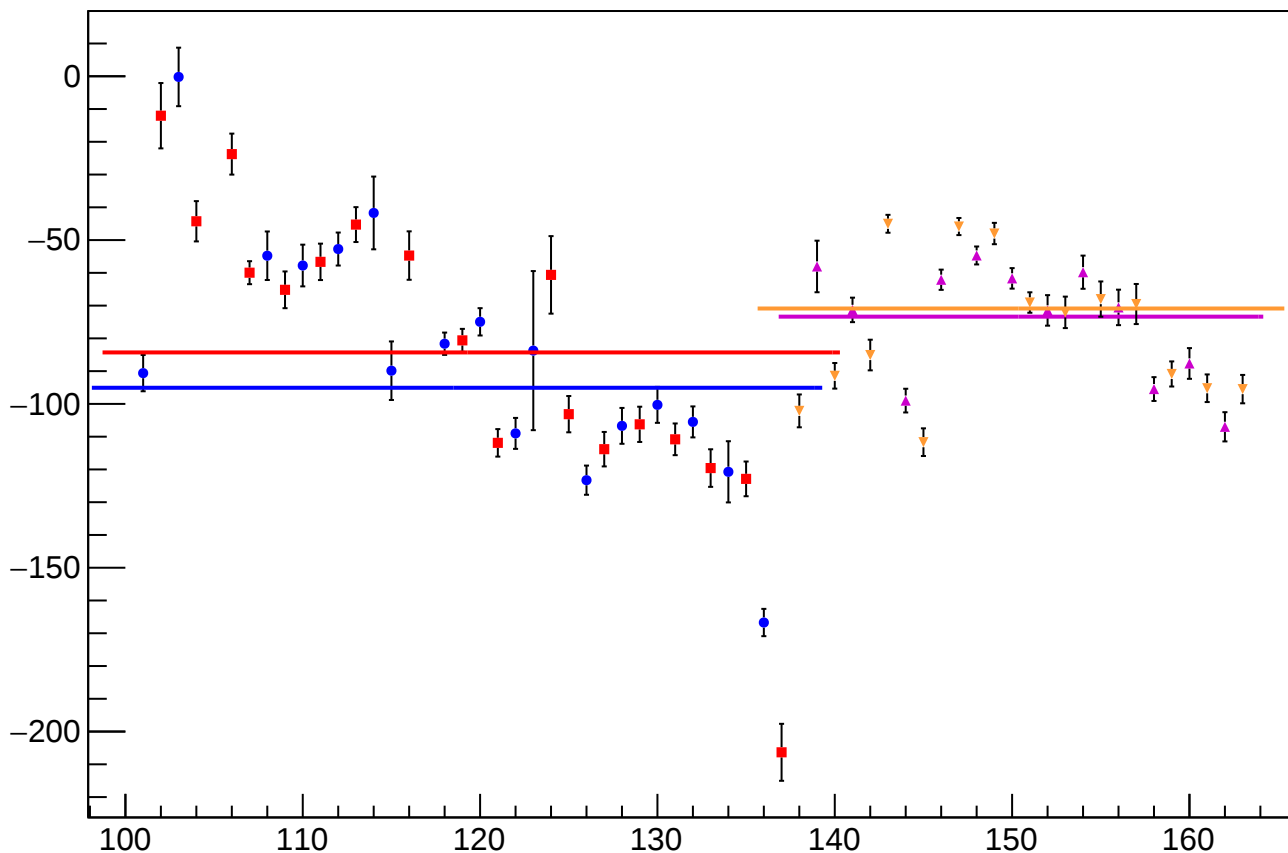
Right: -266.460+/-1.481 χ^2/NDF : 2917.6/34

In: -252.528+/-1.150 χ^2/NDF : 1273.6/28

Out: -235.345+/-1.069 χ^2/NDF : 2834.1/31

All: -243.312+/-0.783 χ^2/NDF : 4227.5/60

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: -70.882 ± 1.017 $\chi^2/\text{NDF}: 493.3/13$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -73.368 ± 1.122 $\chi^2/\text{NDF}: 238.6/11$

Left: -72.004 ± 0.753 $\chi^2/\text{NDF}: 734.7/25$

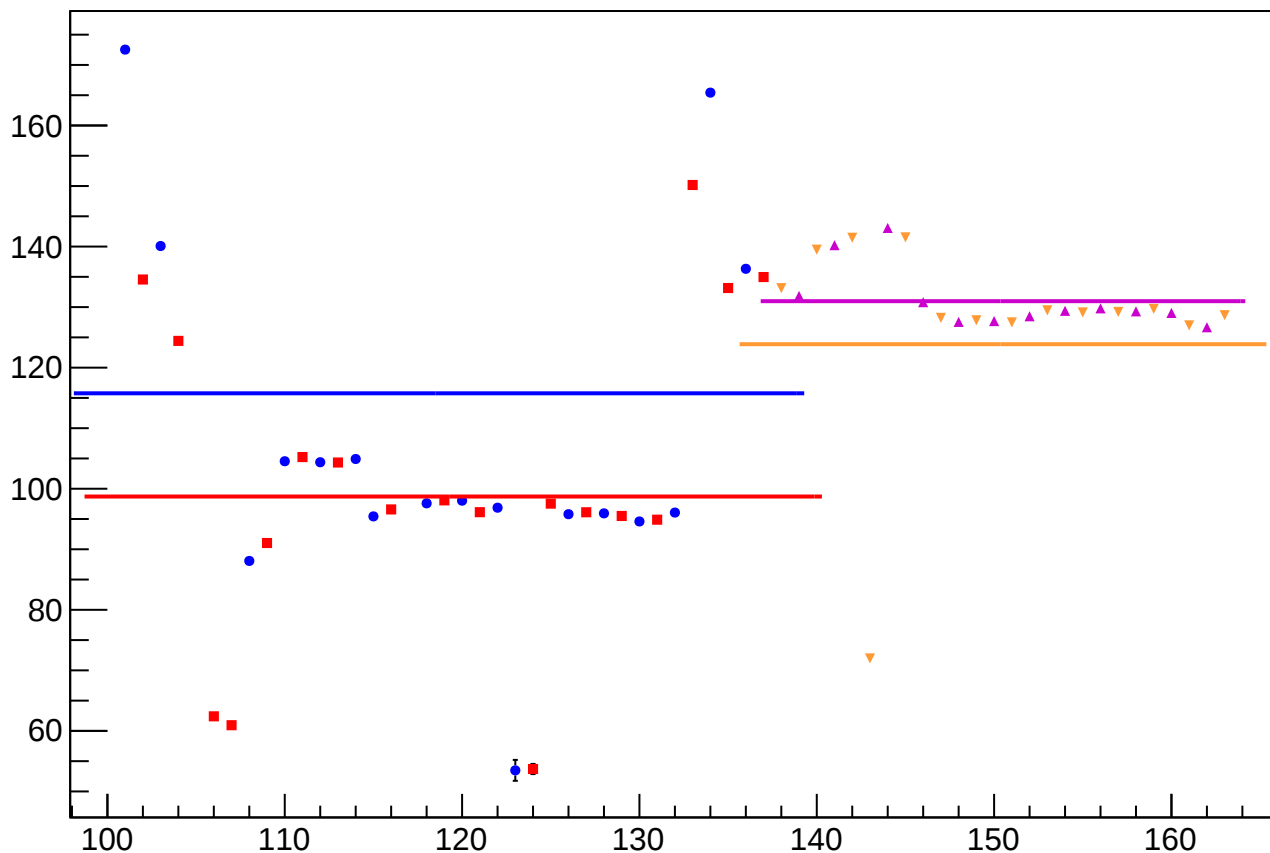
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -82.425 ± 0.856 $\chi^2/\text{NDF}: 1068.1/28$

Out: -76.180 ± 0.791 $\chi^2/\text{NDF}: 1330.8/31$

All: -79.056 ± 0.581 $\chi^2/\text{NDF}: 2427.7/60$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.871 $\pm$ 0.051 χ^2 /NDF:162052.1/13

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.981 $\pm$ 0.054 χ^2 /NDF:7865.2/11

Left: 127.204 $\pm$ 0.037 χ^2 /NDF: 179176.7/25

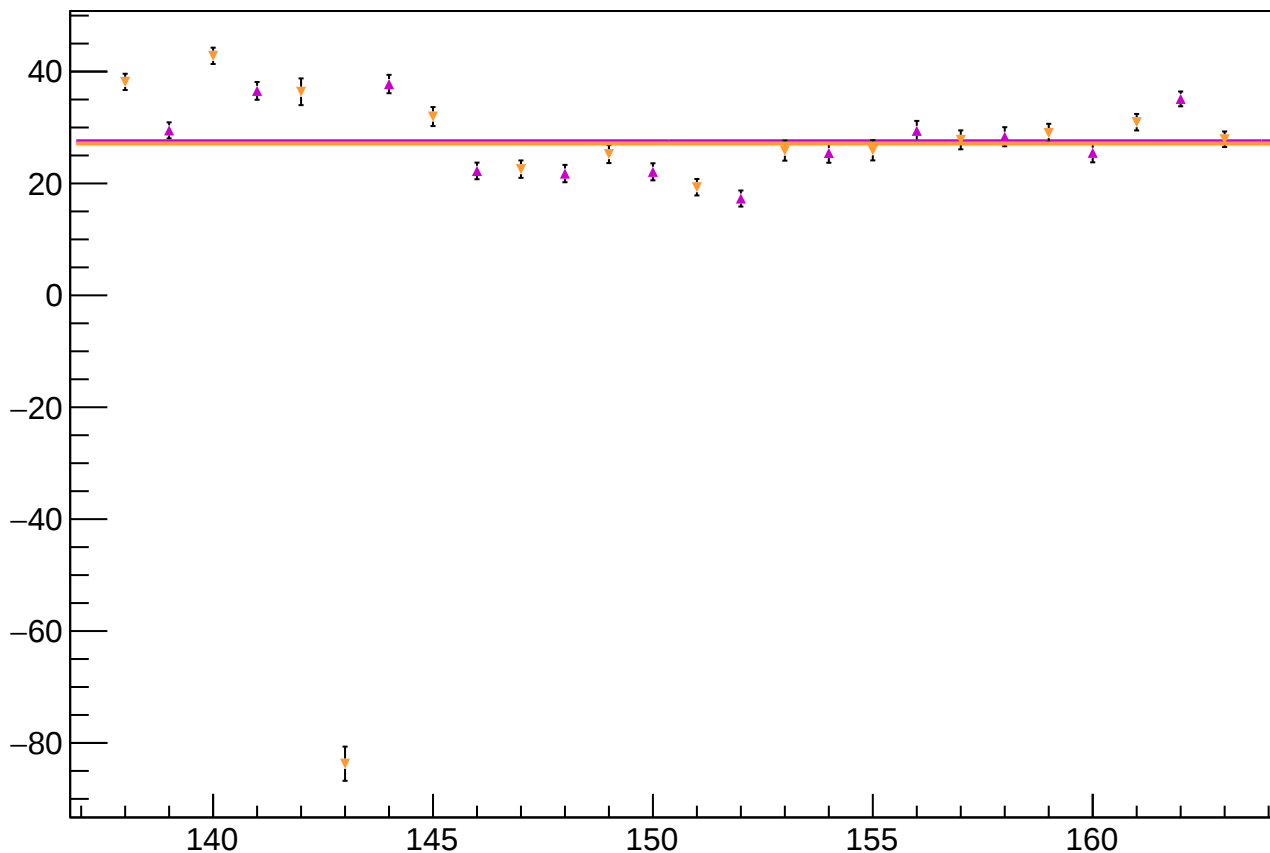
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.076 $\pm$ 0.044 χ^2 /NDF:139901.9/28

Out: 115.029 $\pm$ 0.041 χ^2 /NDF:419179.2/31

All: 120.086 $\pm$ 0.030 χ^2 /NDF: 592748.5/60

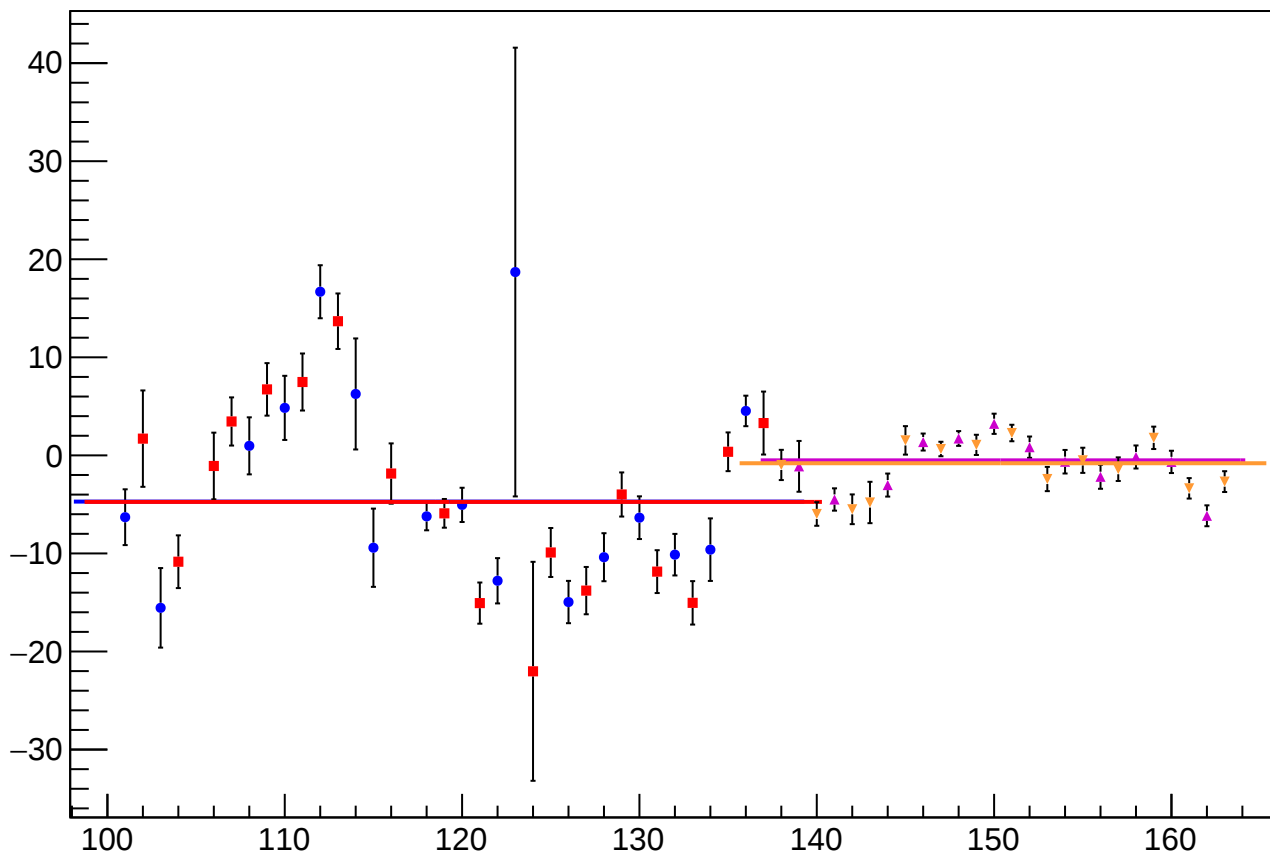
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 27.146+/-0.441 χ^2/NDF :1559.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 27.537+/-0.450 χ^2/NDF :200.0/11

Left: 27.337+/-0.315 χ^2/NDF : 1760.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 27.537+/-0.450 χ^2/NDF :200.0/11
 Out: 27.146+/-0.441 χ^2/NDF :1559.6/13
 All: 27.337+/-0.315 χ^2/NDF : 1760.0/25

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: -0.802 ± 0.302 χ^2/NDF : 71.2/13

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -0.508 ± 0.312 χ^2/NDF : 75.1/11

Left: -0.660 ± 0.217 χ^2/NDF : 146.8/25

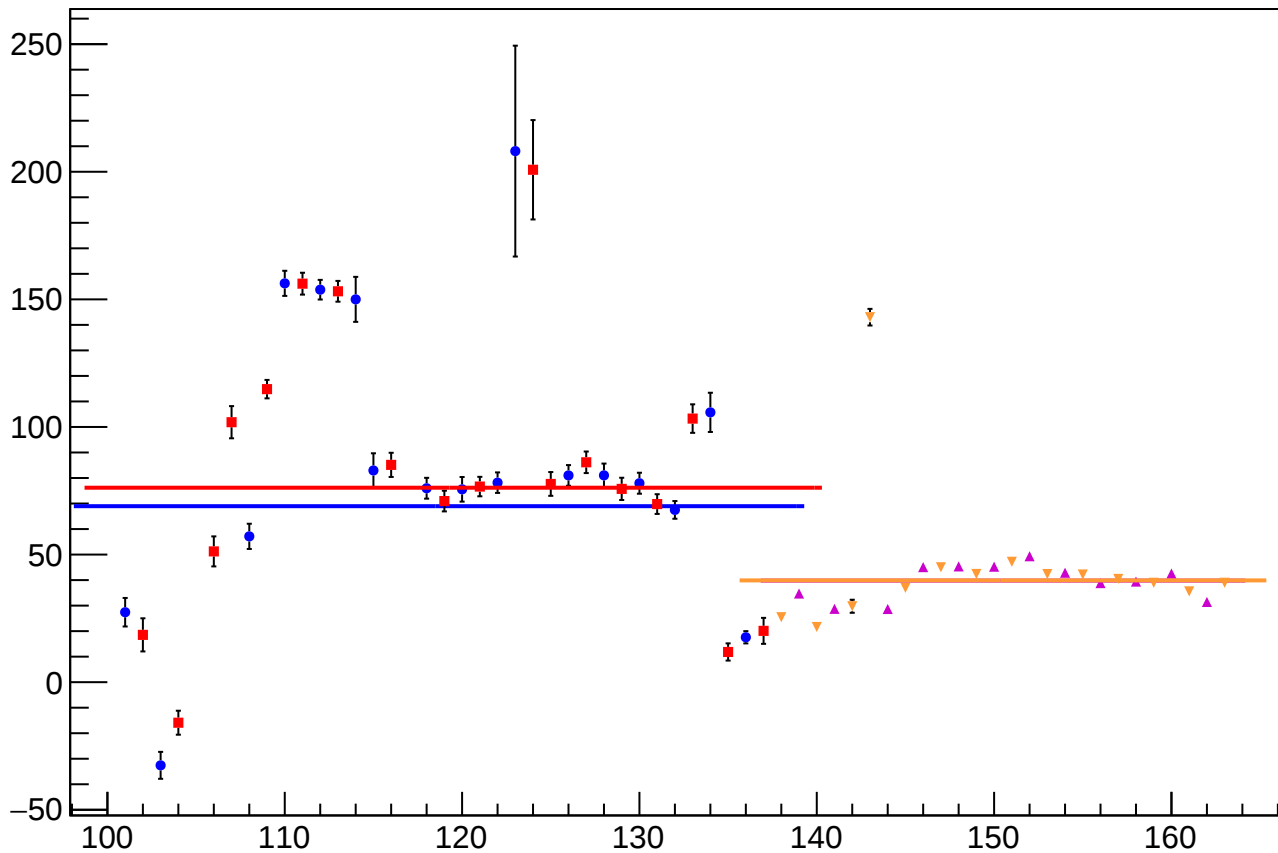
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.450 ± 0.275 χ^2/NDF : 290.5/28

Out: -1.631 ± 0.268 χ^2/NDF : 296.3/31

All: -1.543 ± 0.192 χ^2/NDF : 587.0/60

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.879 $\pm$ 0.430 χ^2 /NDF:1298.3/13

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 39.800 $\pm$ 0.437 χ^2 /NDF:235.1/11

Left: 39.840 $\pm$ 0.306 χ^2 /NDF: 1533.4/25

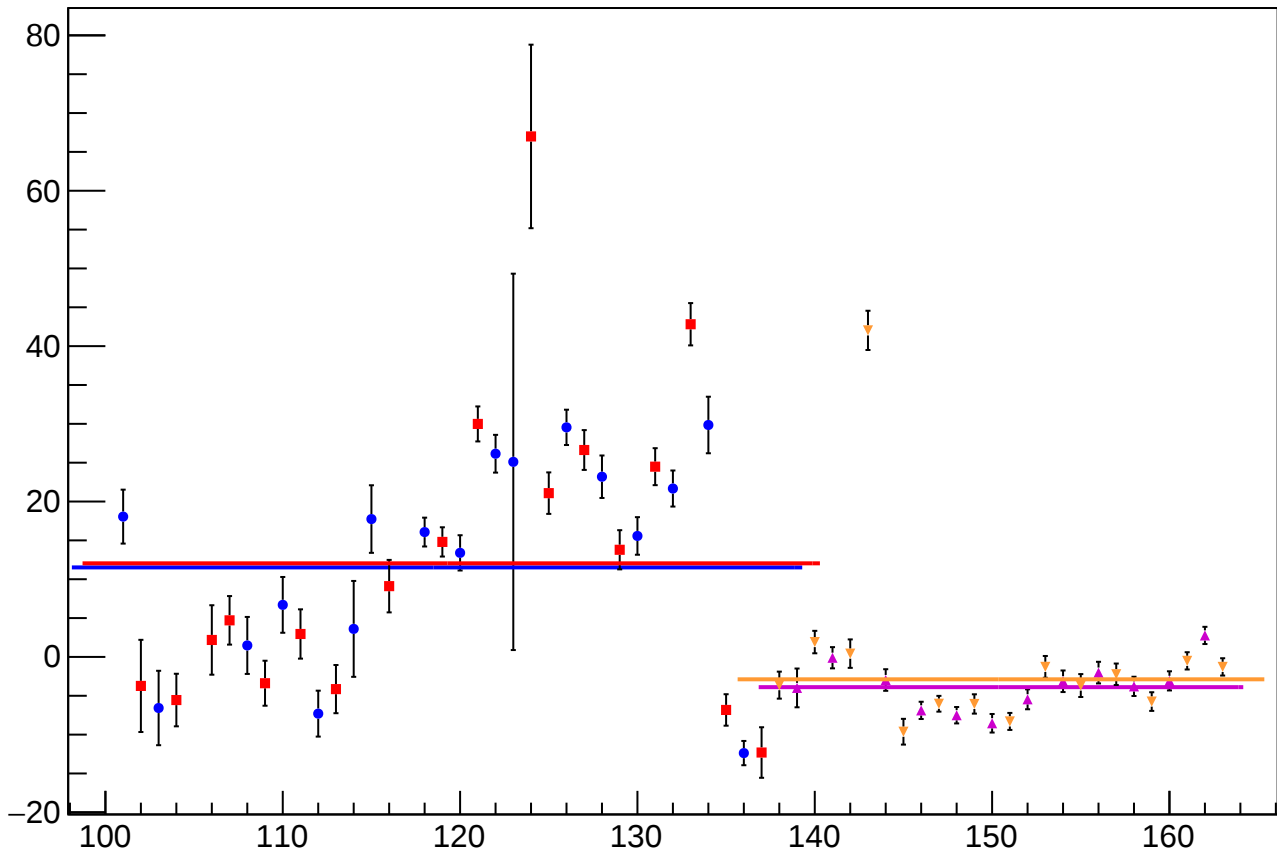
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 43.905 $\pm$ 0.405 χ^2 /NDF:2706.7/28

Out: 44.918 $\pm$ 0.399 χ^2 /NDF:4169.8/31

All: 44.419 $\pm$ 0.284 χ^2 /NDF: 6879.7/60

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -2.882 ± 0.356 $\chi^2/\text{NDF}: 402.1/13$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.891 ± 0.368 $\chi^2/\text{NDF}: 82.4/11$

Left: -3.370 ± 0.256 $\chi^2/\text{NDF}: 488.4/25$

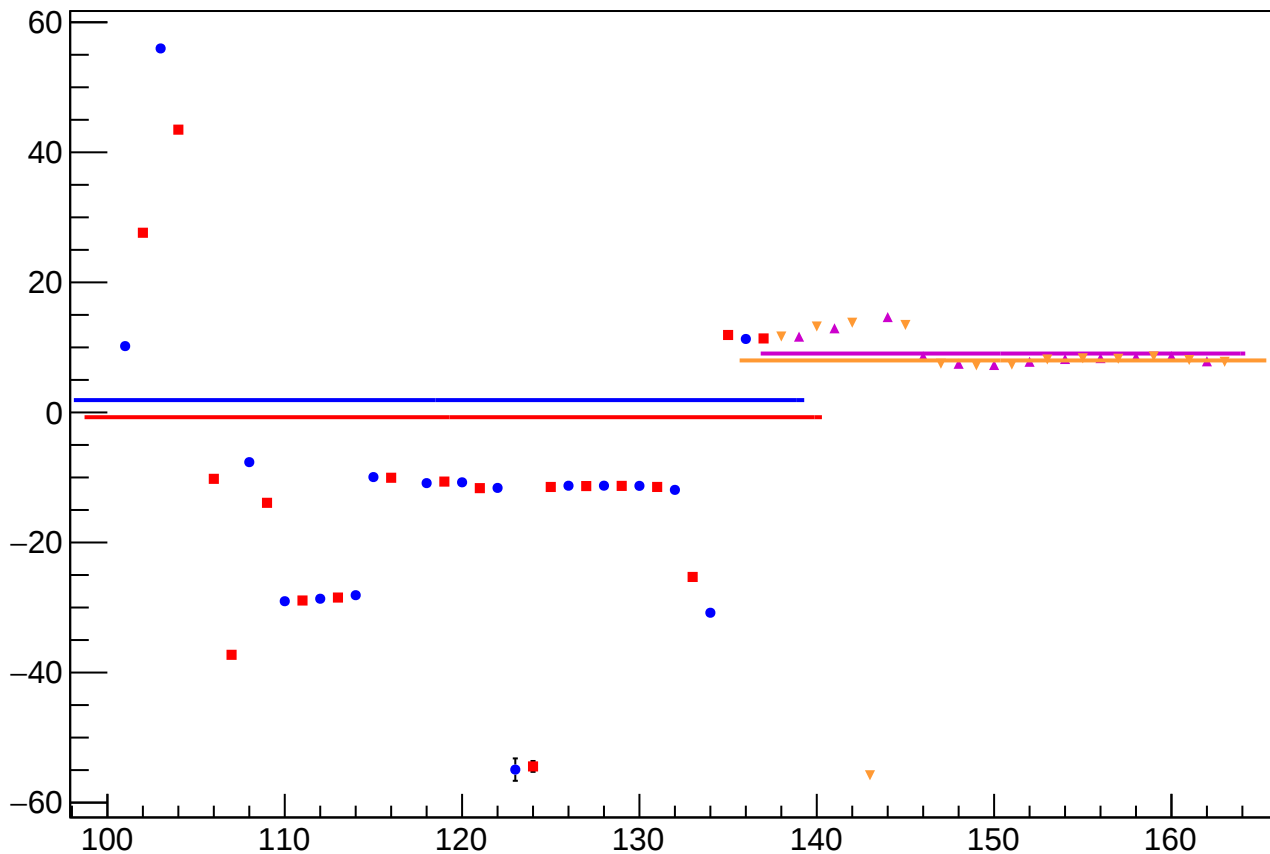
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.238 ± 0.321 $\chi^2/\text{NDF}: 975.9/28$

Out: 0.449 ± 0.314 $\chi^2/\text{NDF}: 1332.9/31$

All: 0.114 ± 0.225 $\chi^2/\text{NDF}: 2311.1/60$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.996 ± 0.017 χ^2/NDF : 256470.4/13

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 9.058 ± 0.017 χ^2/NDF : 13980.8/11

Left: 8.520 ± 0.012 χ^2/NDF : 272427.5/25

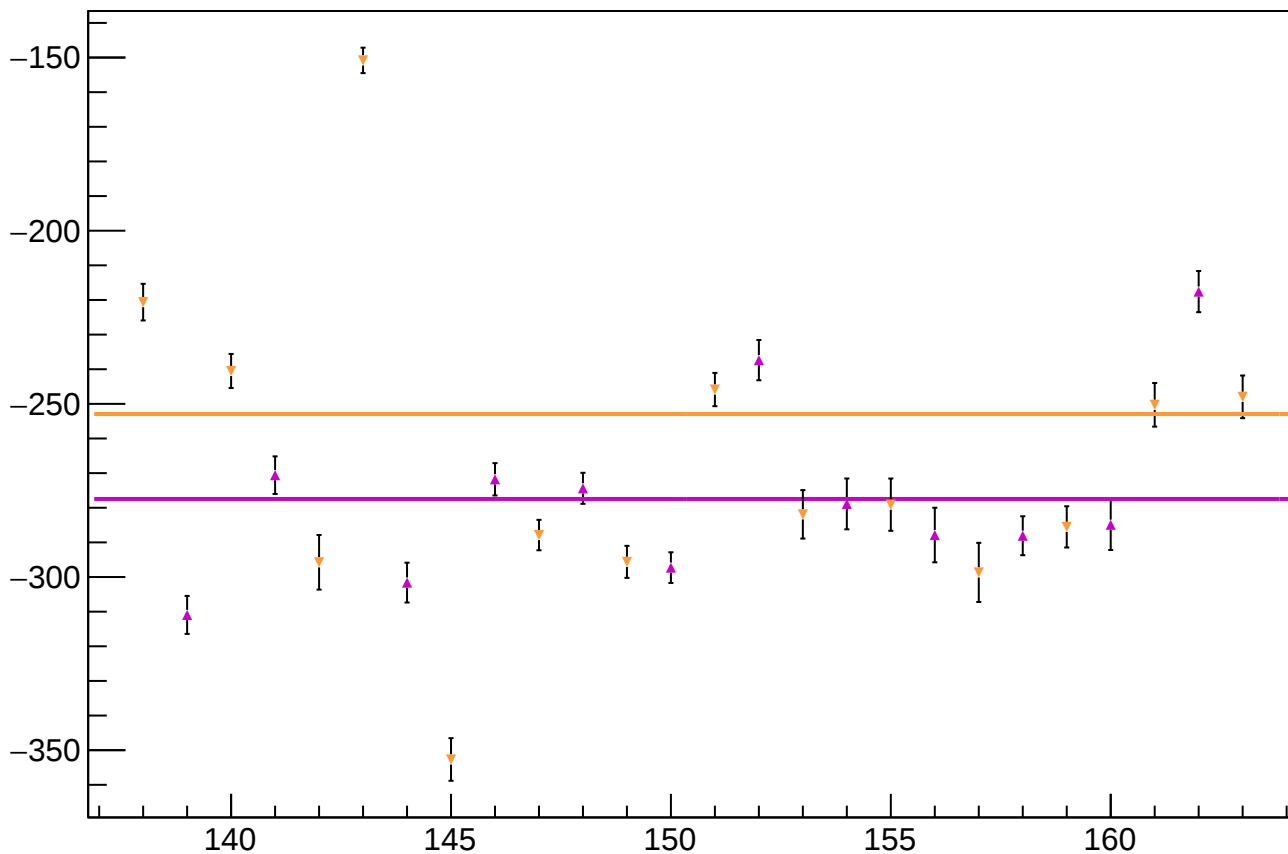
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.813 ± 0.015 χ^2/NDF : 403716.7/28

Out: 6.514 ± 0.015 χ^2/NDF : 662329.2/31

All: 7.157 ± 0.011 χ^2/NDF : 1069615.6/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -252.930 ± 1.464 $\chi^2/\text{NDF}: 1346.5/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -277.458 ± 1.607 $\chi^2/\text{NDF}: 233.9/11$

Left: -264.052 ± 1.082 $\chi^2/\text{NDF}: 1707.7/25$

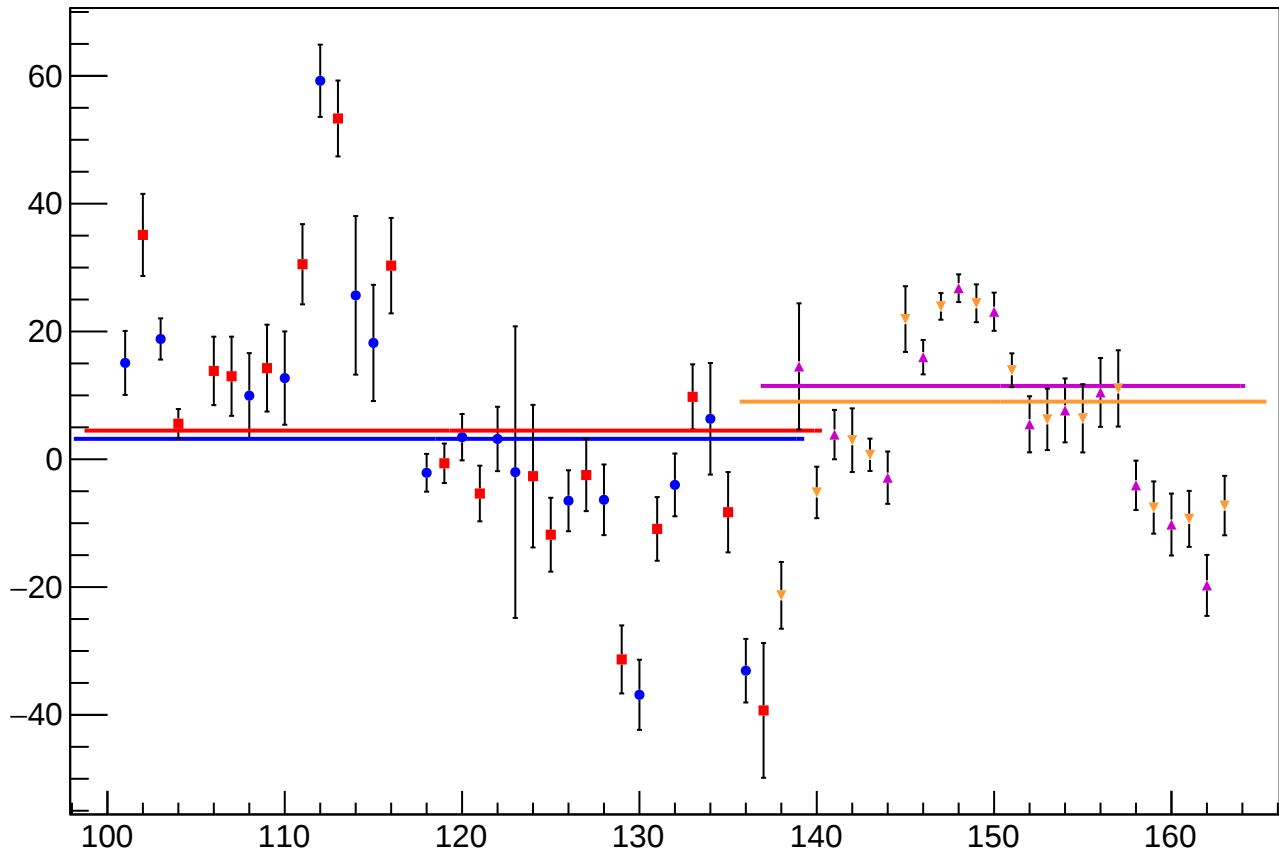
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -277.458 ± 1.607 $\chi^2/\text{NDF}: 233.9/11$

Out: -252.930 ± 1.464 $\chi^2/\text{NDF}: 1346.5/13$

All: -264.052 ± 1.082 $\chi^2/\text{NDF}: 1707.7/25$

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: 9.025 ± 0.960 χ^2/NDF : 193.3/13

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 11.478 ± 1.066 χ^2/NDF : 165.3/11

Left: 10.123 ± 0.714 χ^2/NDF : 361.6/25

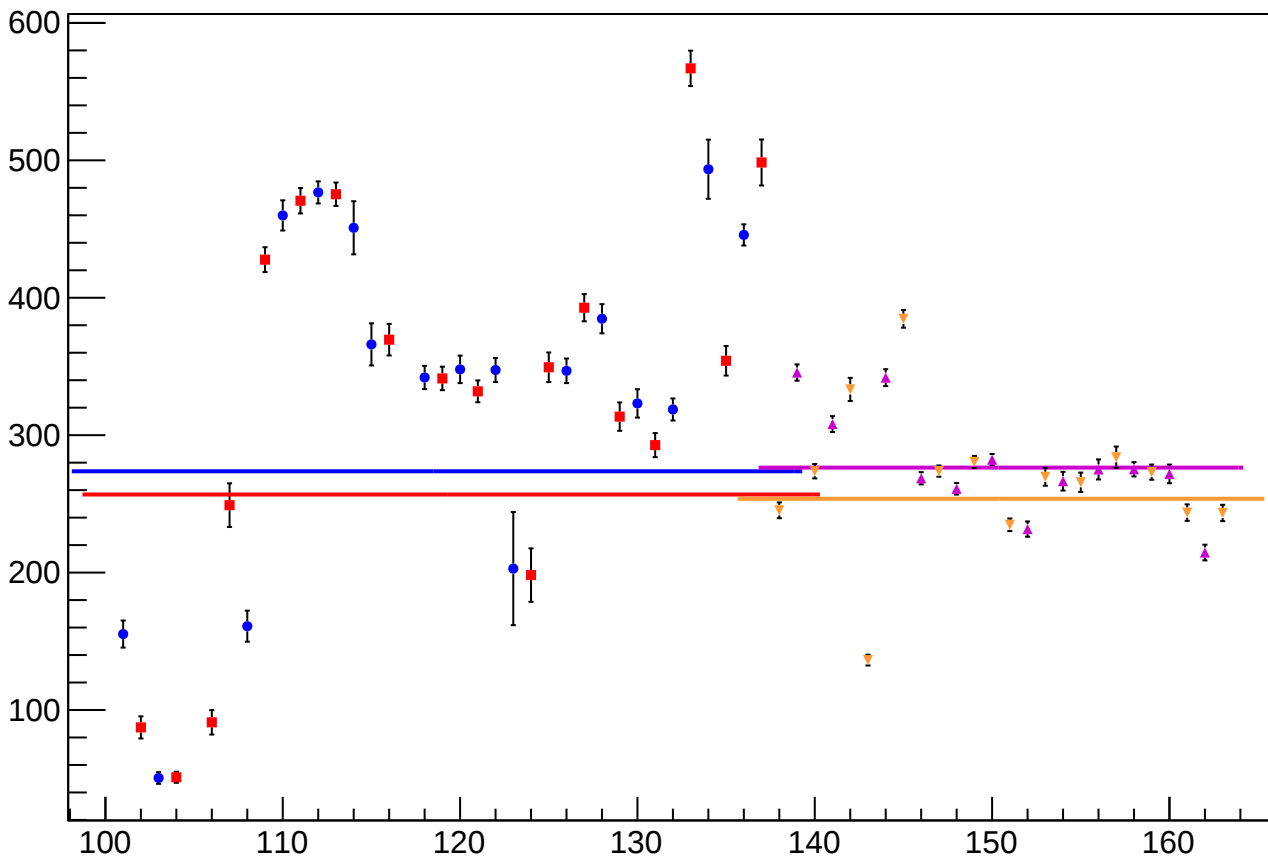
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 7.917 ± 0.805 χ^2/NDF : 446.4/28

Out: 7.178 ± 0.739 χ^2/NDF : 424.1/31

All: 7.516 ± 0.545 χ^2/NDF : 871.0/60

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: 253.706 $\pm$ 1.444 χ^2 /NDF:1535.1/13

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 276.403 $\pm$ 1.558 χ^2 /NDF:481.5/11

Left: 264.198 $\pm$ 1.059 χ^2 /NDF: 2130.8/25

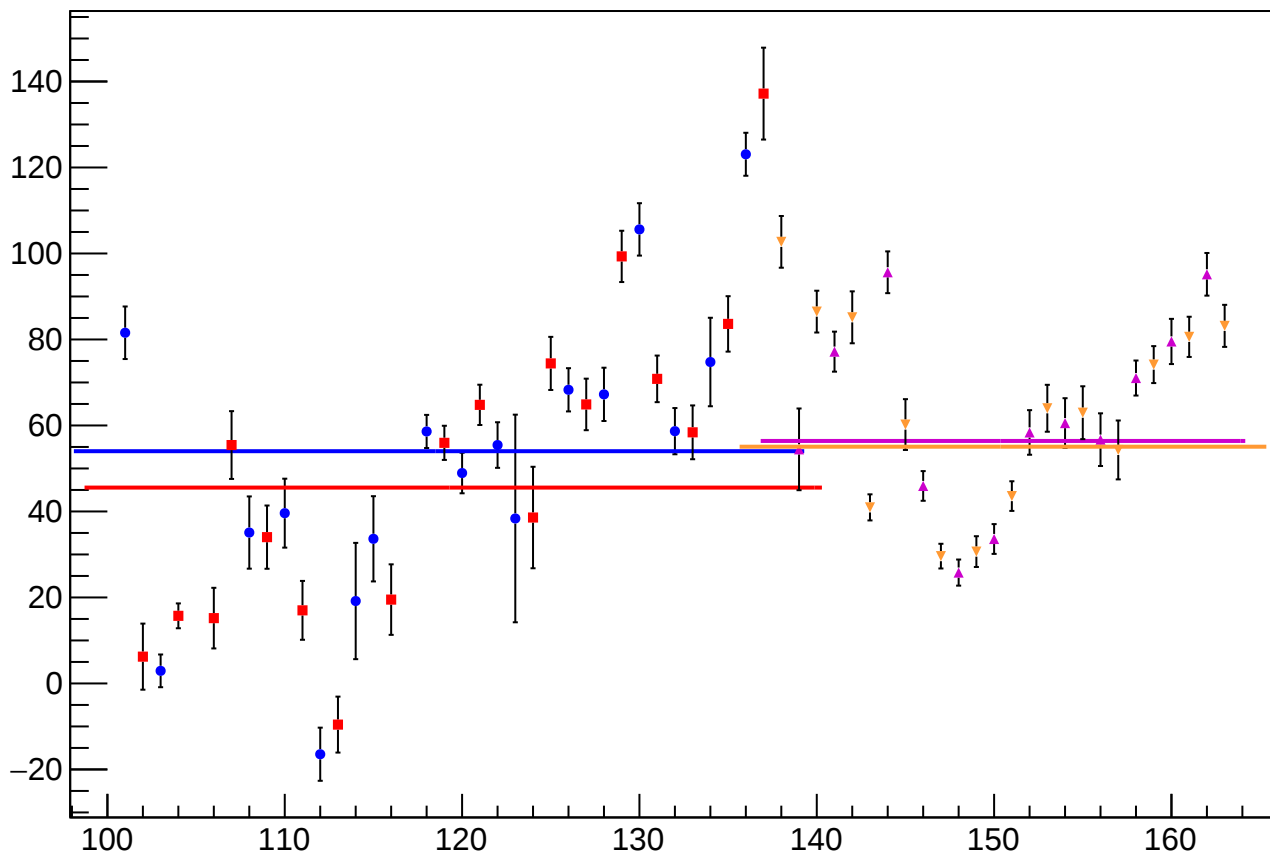
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 275.503 $\pm$ 1.270 χ^2 /NDF:5585.8/28

Out: 254.718 $\pm$ 1.187 χ^2 /NDF:7948.4/31

All: 264.407 $\pm$ 0.867 χ^2 /NDF: 13677.1/60

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: 55.060 $\pm$ 1.161 χ^2 /NDF:374.8/13

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 56.398 $\pm$ 1.284 χ^2 /NDF:333.3/11

Left: 55.662 $\pm$ 0.862 χ^2 /NDF: 708.8/25

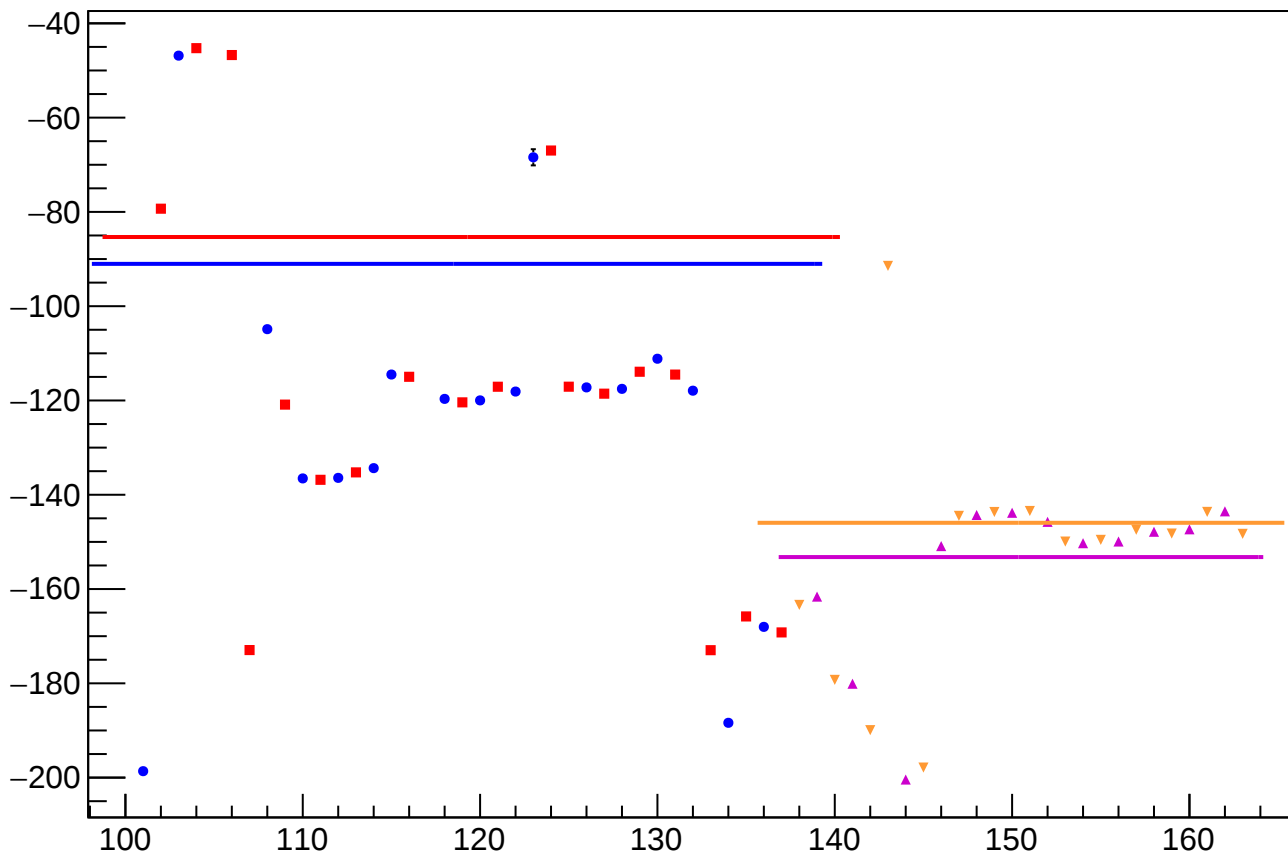
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 55.329 $\pm$ 0.954 χ^2 /NDF:967.7/28

Out: 51.045 $\pm$ 0.883 χ^2 /NDF:929.8/31

All: 53.022 $\pm$ 0.648 χ^2 /NDF: 1908.4/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.947 ± 0.058 $\chi^2/\text{NDF}: 205665.6/13$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -153.216 ± 0.062 $\chi^2/\text{NDF}: 55647.3/11$

Left: -149.353 ± 0.042 $\chi^2/\text{NDF}: 268645.1/25$

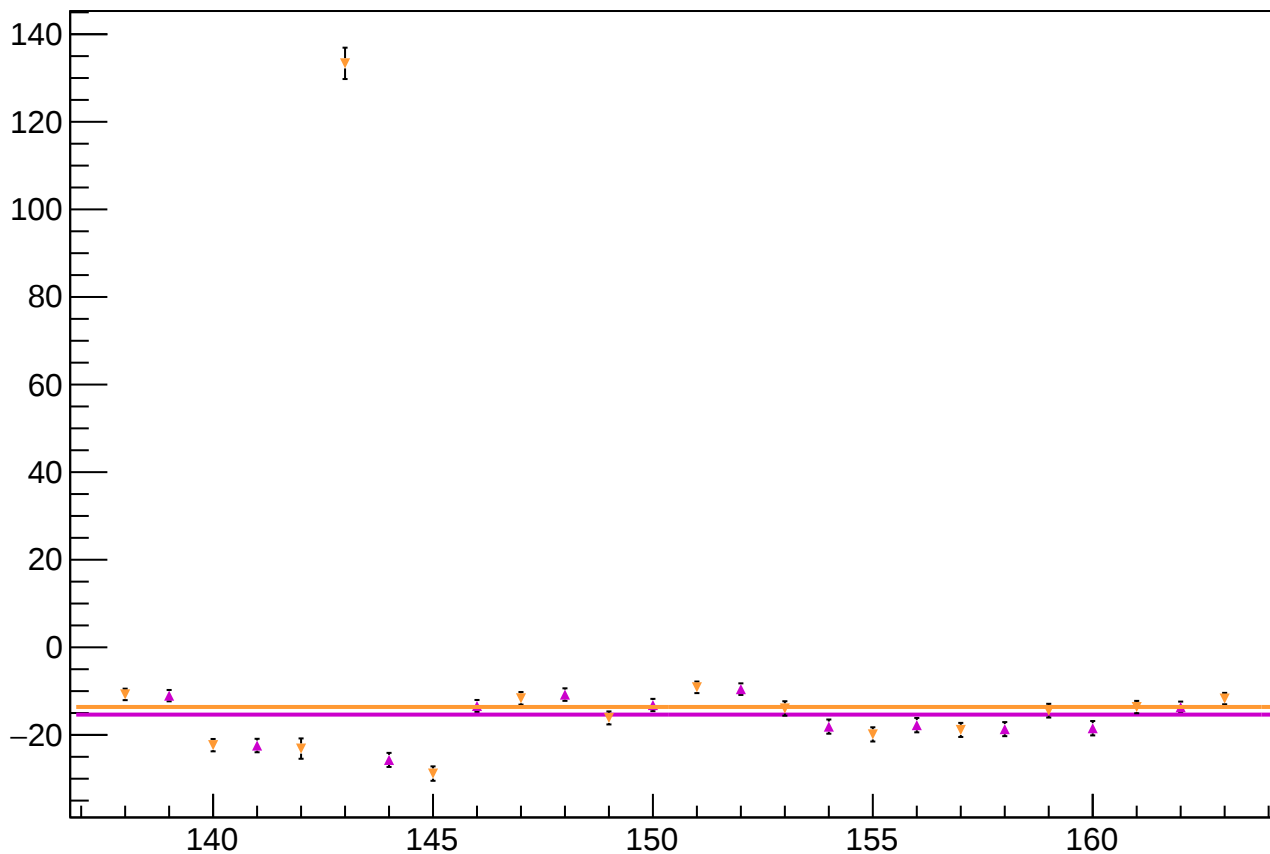
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -124.848 ± 0.046 $\chi^2/\text{NDF}: 1050542.9/28$

Out: -119.092 ± 0.043 $\chi^2/\text{NDF}: 1170867.5/31$

All: -121.824 ± 0.031 $\chi^2/\text{NDF}: 2229768.0/60$

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: -13.617+/-0.413 χ^2/NDF :1873.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.364+/-0.421 χ^2/NDF :122.3/11

Left: -14.474+/-0.295 χ^2/NDF : 2004.2/25

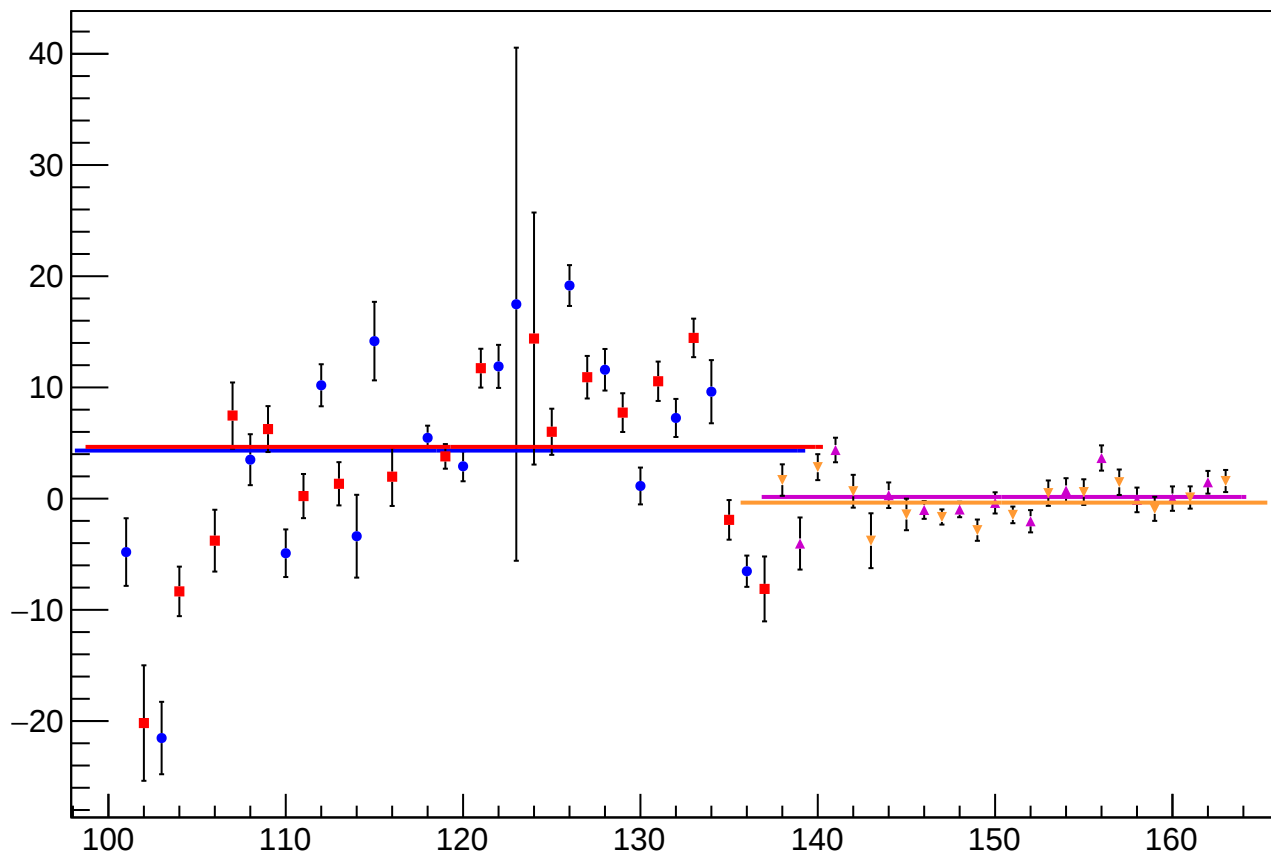
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.364+/-0.421 χ^2/NDF :122.3/11

Out: -13.617+/-0.413 χ^2/NDF :1873.2/13

All: -14.474+/-0.295 χ^2/NDF : 2004.2/25

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: -0.359 ± 0.282 χ^2/NDF : 33.1/13

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 0.152 ± 0.293 χ^2/NDF : 39.2/11

Left: -0.112 ± 0.203 χ^2/NDF : 73.8/25

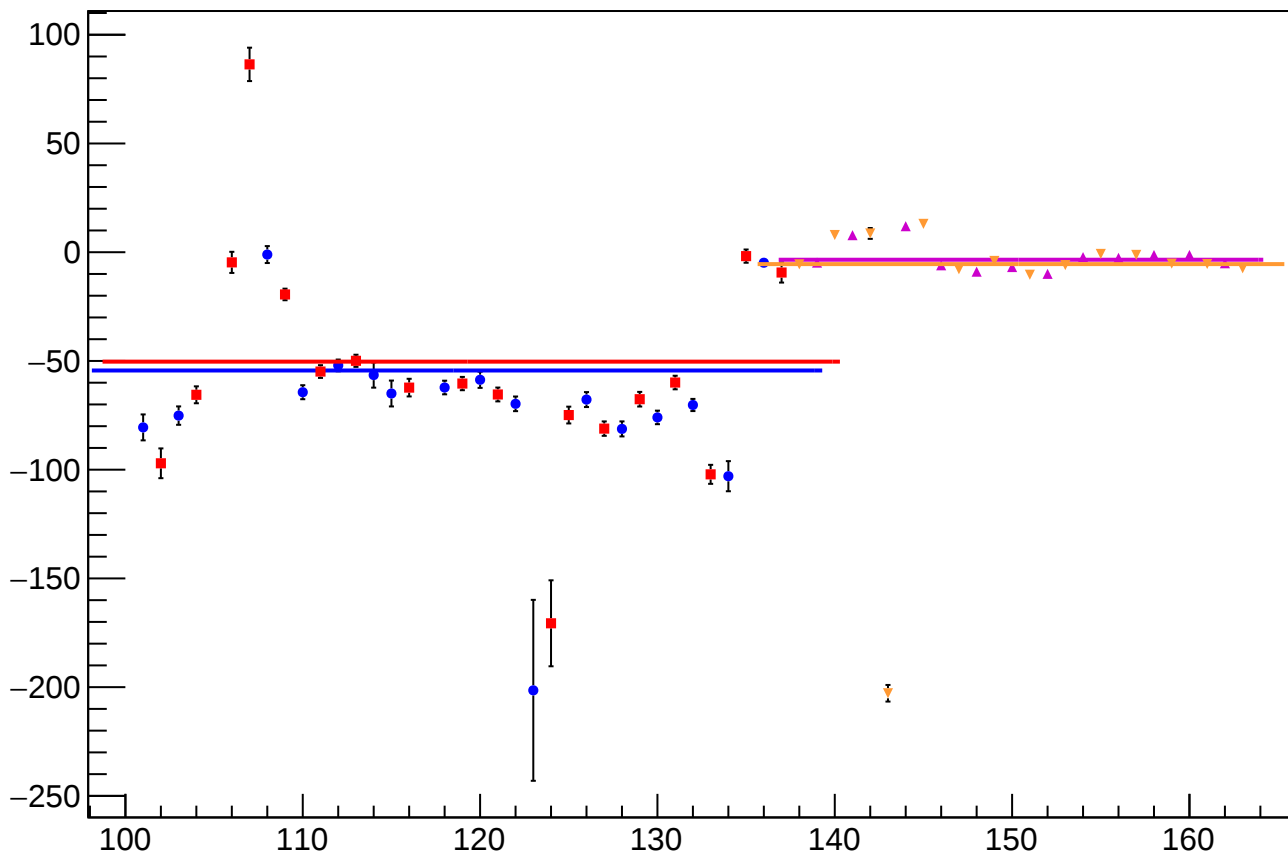
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.334 ± 0.248 χ^2/NDF : 377.0/28

Out: 0.954 ± 0.243 χ^2/NDF : 300.0/31

All: 1.140 ± 0.173 χ^2/NDF : 678.2/60

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.467 ± 0.403 $\chi^2/\text{NDF}: 2936.3/13$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -3.455 ± 0.409 $\chi^2/\text{NDF}: 189.1/11$

Left: -4.477 ± 0.287 $\chi^2/\text{NDF}: 3137.7/25$

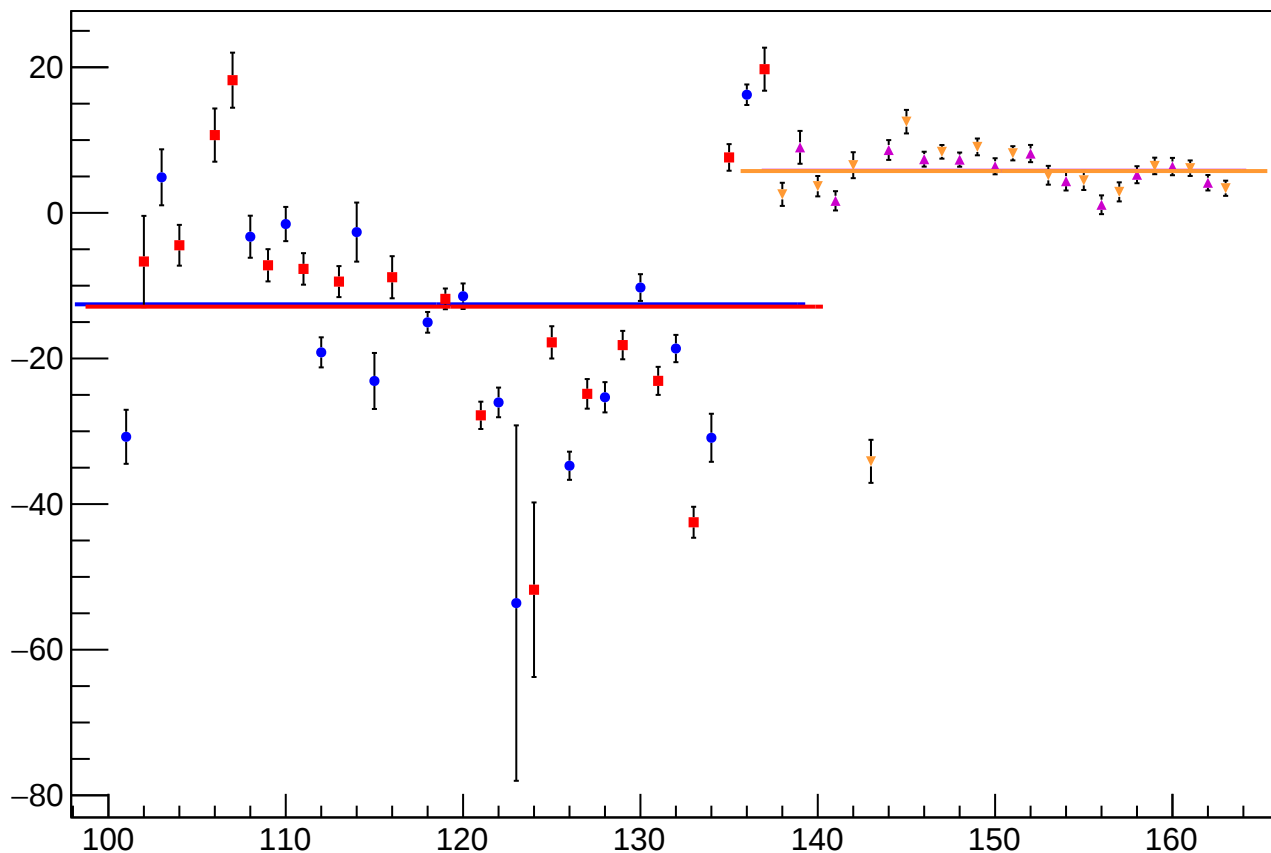
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.766 ± 0.370 $\chi^2/\text{NDF}: 4039.6/28$

Out: -13.555 ± 0.364 $\chi^2/\text{NDF}: 6493.6/31$

All: -13.166 ± 0.260 $\chi^2/\text{NDF}: 10535.5/60$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.744 ± 0.334 χ^2/NDF : 239.9/13

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.786 ± 0.345 χ^2/NDF : 42.5/11

Left: 5.765 ± 0.240 χ^2/NDF : 282.5/25

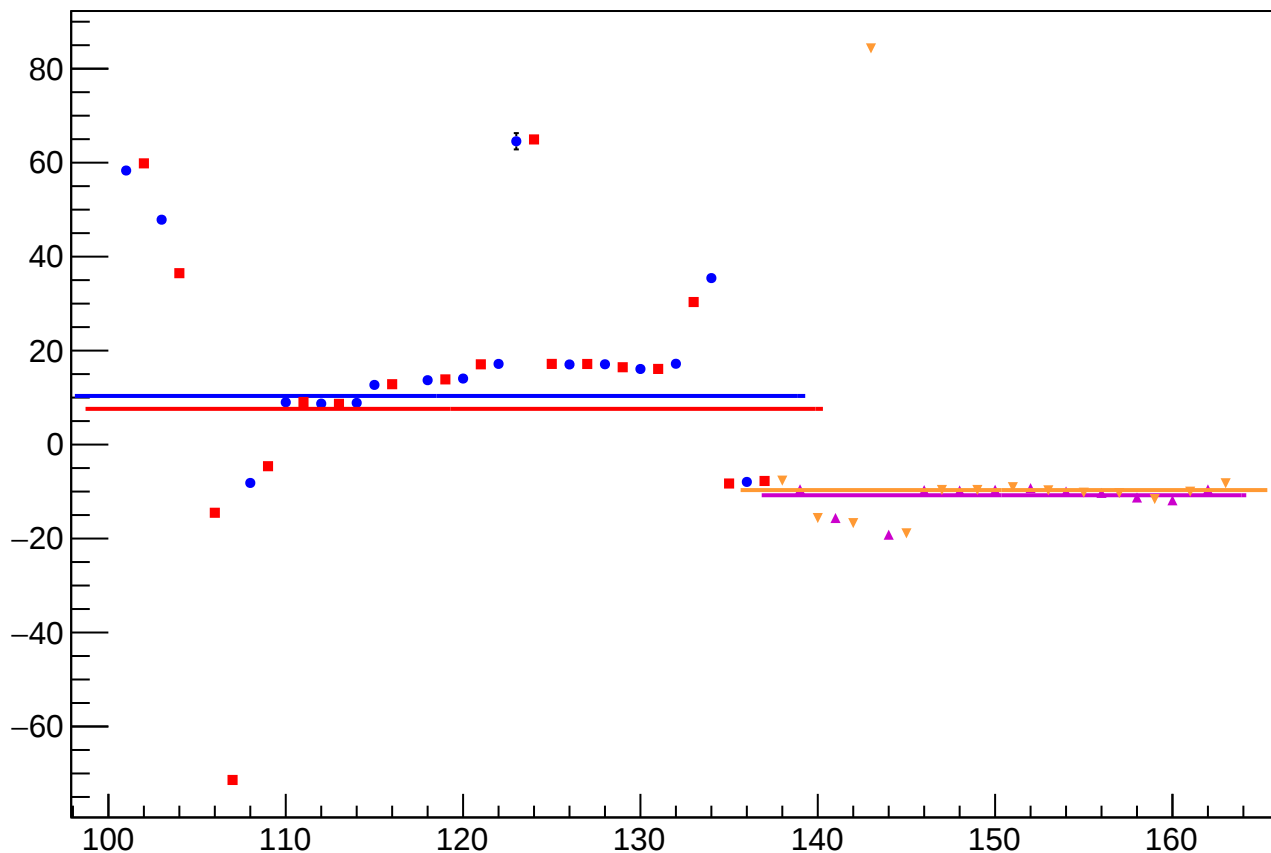
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.340 ± 0.290 χ^2/NDF : 1660.1/28

Out: 0.572 ± 0.284 χ^2/NDF : 1831.4/31

All: 0.458 ± 0.203 χ^2/NDF : 3491.8/60

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.686+/-0.016 χ^2/NDF :409891.2/13

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.786+/-0.016 χ^2/NDF :21945.4/11

Left: -10.229+/-0.011 χ^2/NDF : 434254.7/25

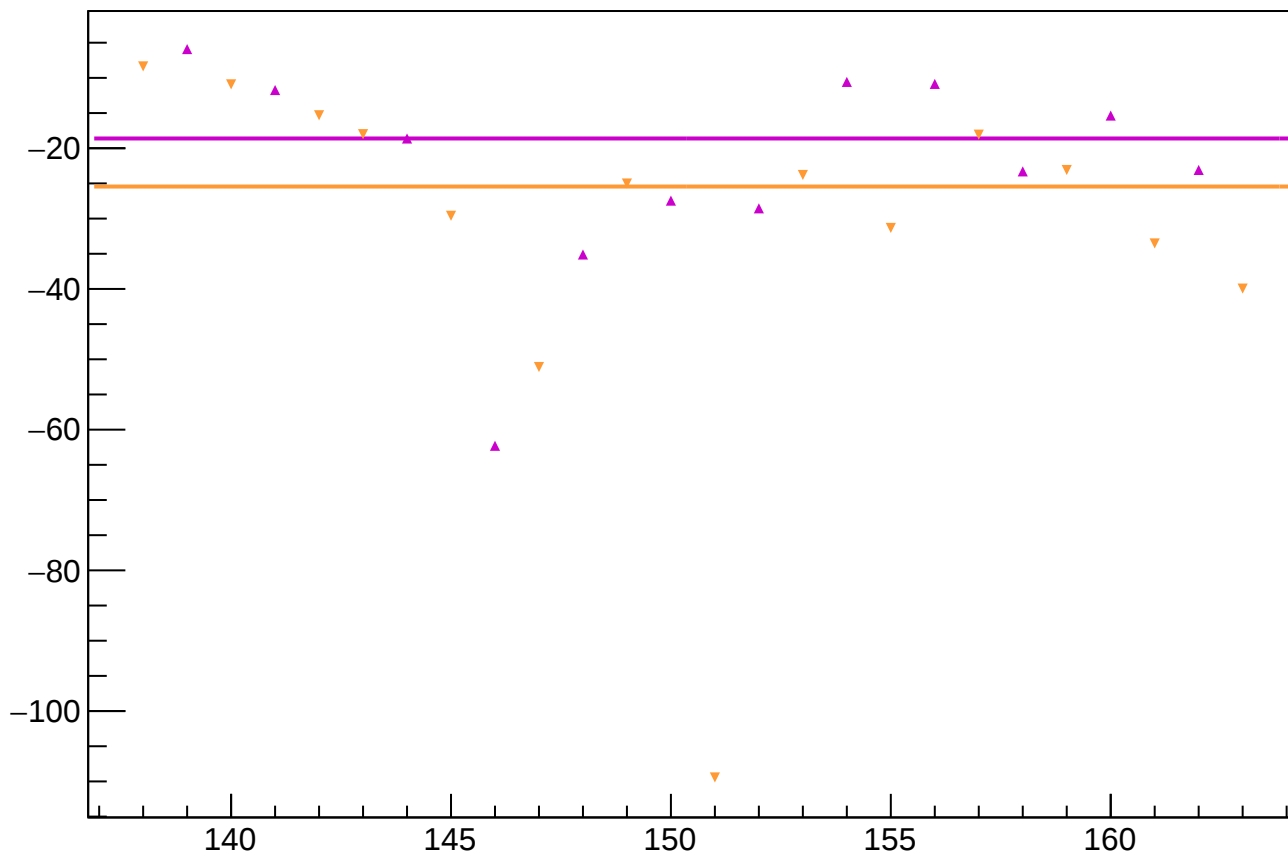
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.288+/-0.014 χ^2/NDF :778869.8/28

Out: -6.206+/-0.014 χ^2/NDF :1192112.9/31

All: -6.247+/-0.010 χ^2/NDF : 1971000.0/60

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: -25.444+/-0.069 χ^2/NDF :56393.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.613+/-0.060 χ^2/NDF :37464.7/11

Left: -21.564+/-0.045 χ^2/NDF : 99471.0/25

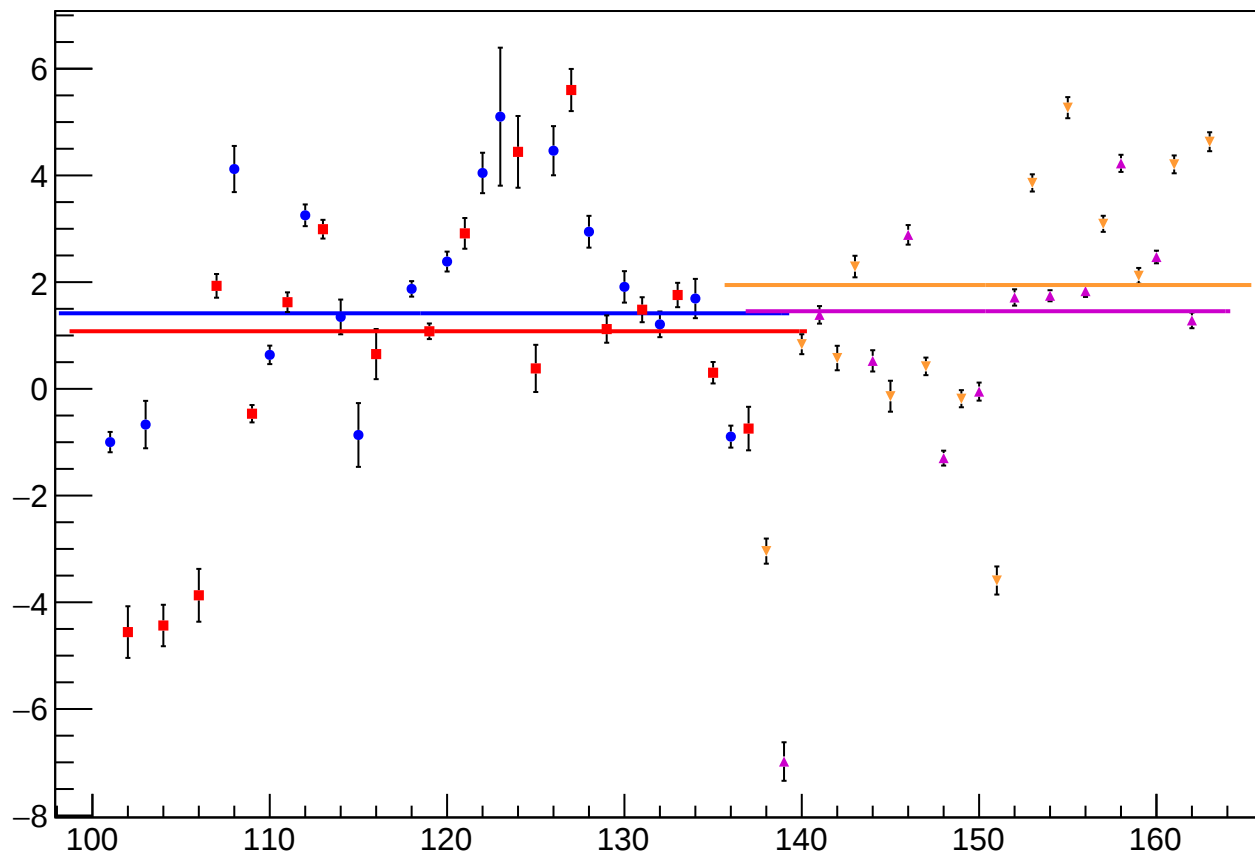
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.613+/-0.060 χ^2/NDF :37464.7/11

Out: -25.444+/-0.069 χ^2/NDF :56393.1/13

All: -21.564+/-0.045 χ^2/NDF : 99471.0/25

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: 1.946 $\pm$ 0.049 χ^2 /NDF:2172.6/13

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 1.455 $\pm$ 0.042 χ^2 /NDF:1493.2/11

Left: 1.663 $\pm$ 0.032 χ^2 /NDF: 3723.2/25

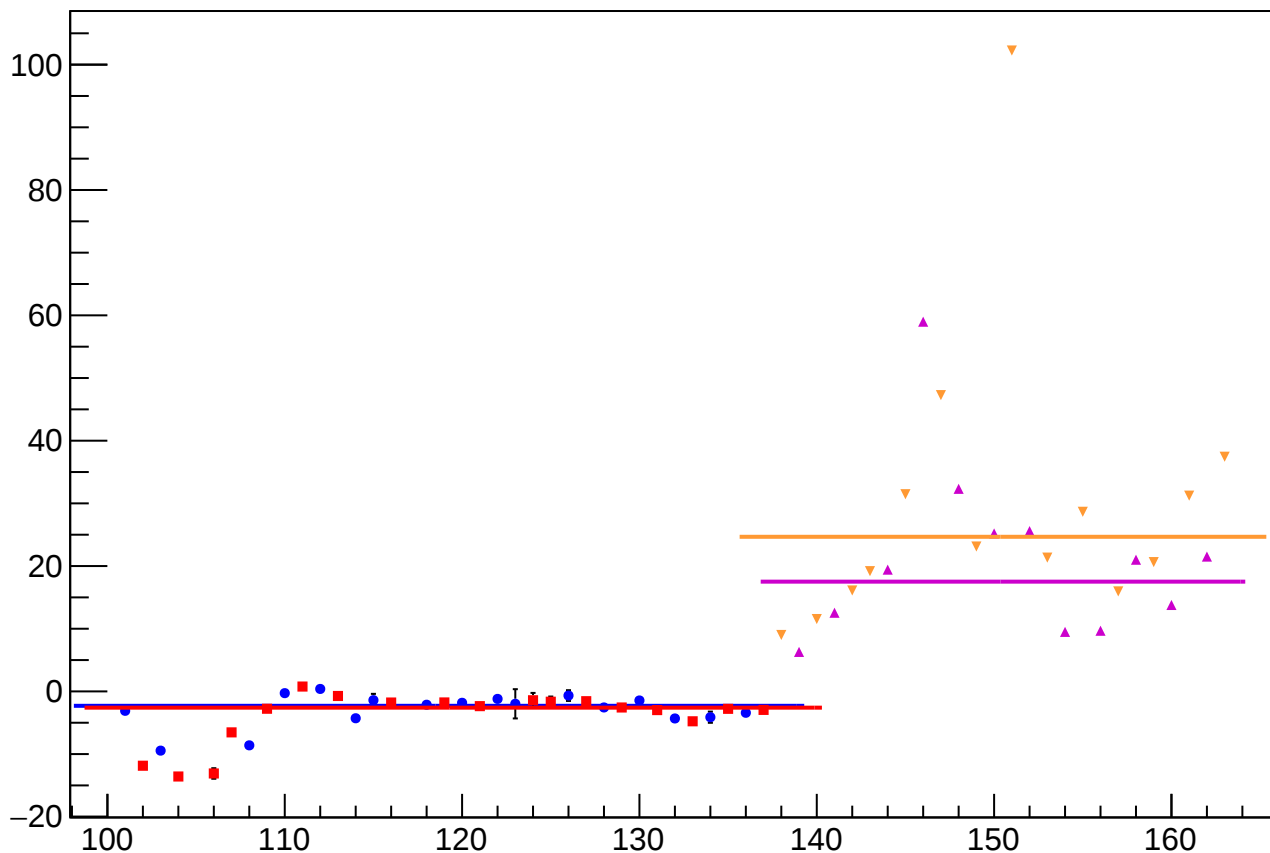
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.442 $\pm$ 0.035 χ^2 /NDF:2124.7/28

Out: 1.585 $\pm$ 0.038 χ^2 /NDF:3218.1/31

All: 1.508 $\pm$ 0.025 χ^2 /NDF: 5350.5/60

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.668 ± 0.067 χ^2/NDF : 50455.7/13

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.511 ± 0.057 χ^2/NDF : 35313.8/11

Left: 20.538 ± 0.044 χ^2/NDF : 92327.6/25

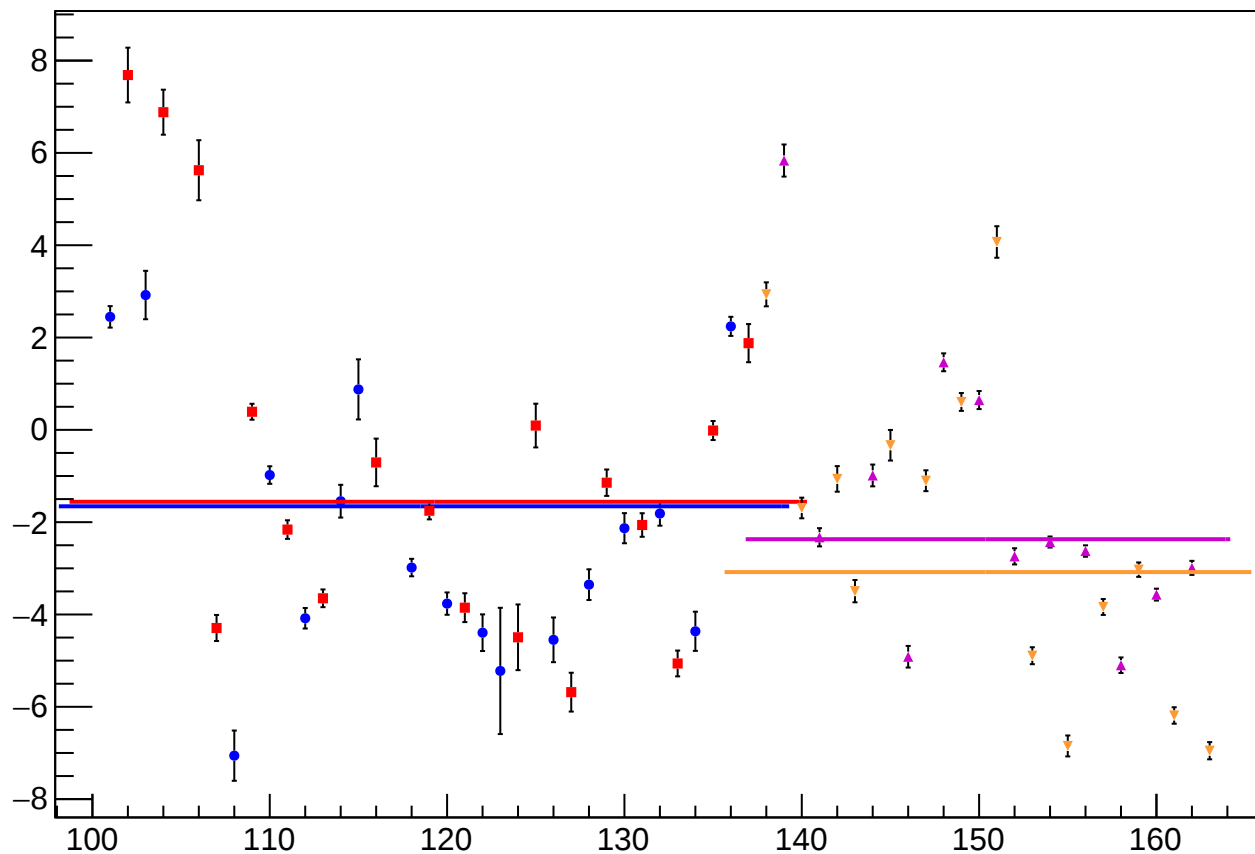
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 13.314 ± 0.051 χ^2/NDF : 60931.2/28

Out: 16.113 ± 0.056 χ^2/NDF : 103097.5/31

All: 14.593 ± 0.038 χ^2/NDF : 165405.0/60

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -3.081 ± 0.057 χ^2/NDF : 2705.9/13

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.369 ± 0.048 χ^2/NDF : 1710.4/11

Left: -2.669 ± 0.037 χ^2/NDF : 4508.1/25

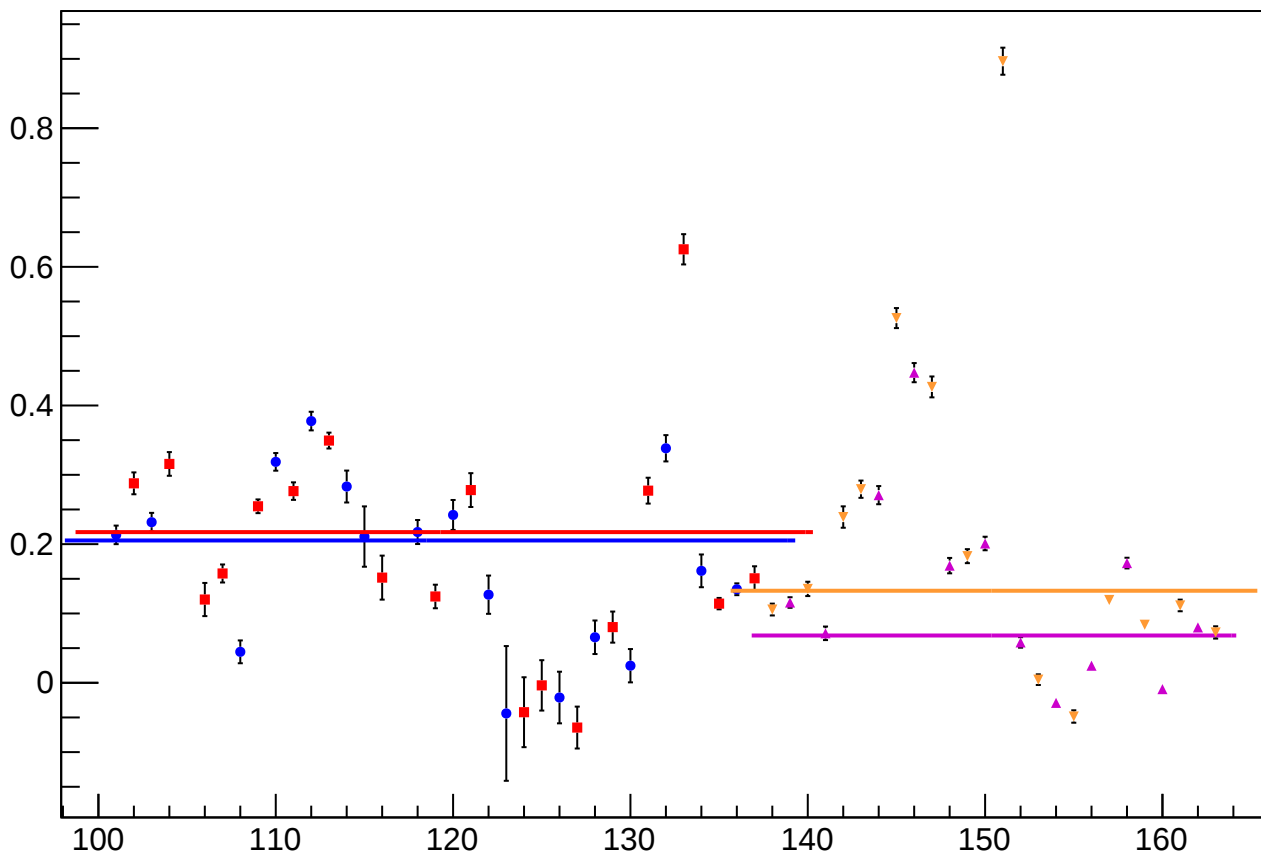
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.141 ± 0.040 χ^2/NDF : 3051.2/28

Out: -2.434 ± 0.043 χ^2/NDF : 4499.3/31

All: -2.277 ± 0.029 χ^2/NDF : 7575.5/60

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: 0.133 ± 0.003 χ^2/NDF : 3661.9/13

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.068 ± 0.002 χ^2/NDF : 2122.1/11

Left: 0.094 ± 0.002 χ^2/NDF : 6164.7/25

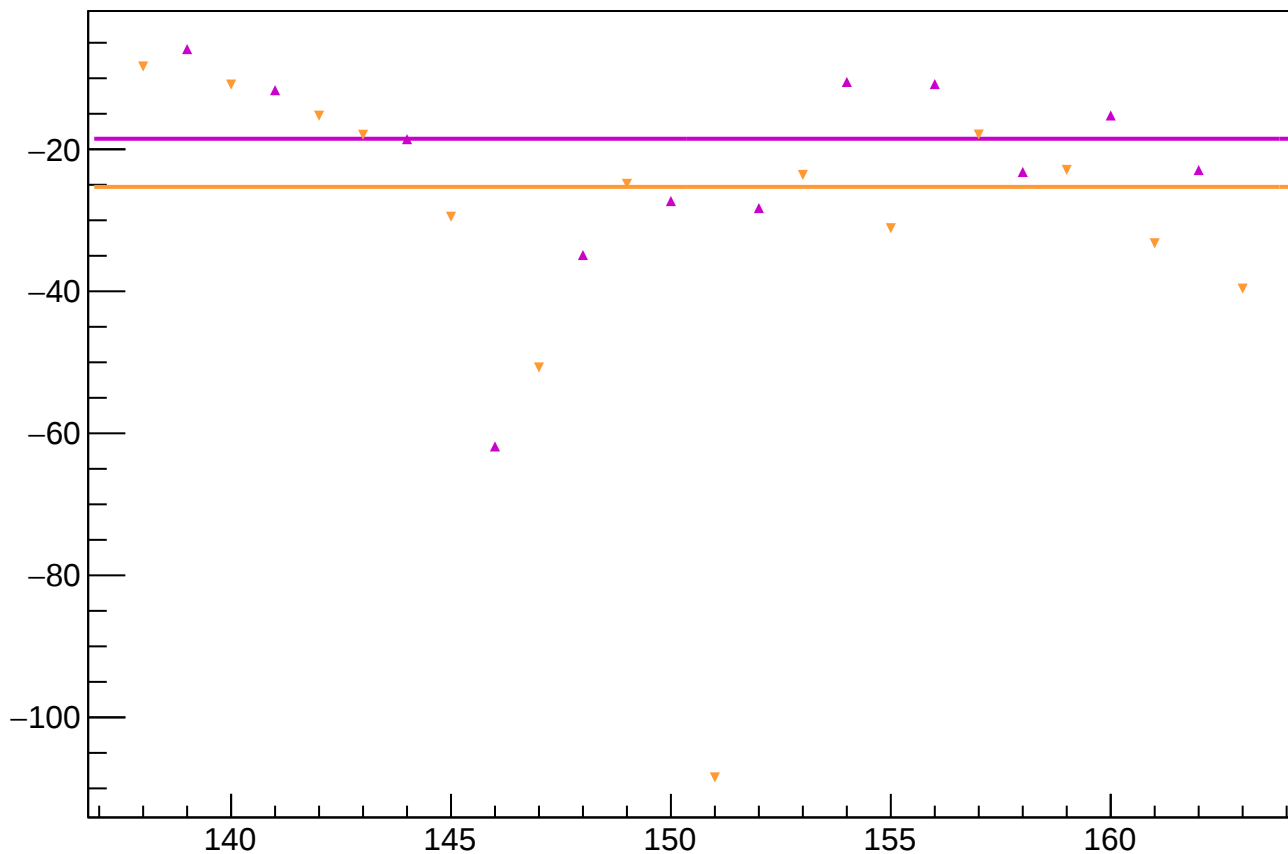
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.096 ± 0.002 χ^2/NDF : 3613.5/28

Out: 0.160 ± 0.002 χ^2/NDF : 5034.4/31

All: 0.125 ± 0.001 χ^2/NDF : 9154.5/60

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: -25.296+/-0.068 χ^2/NDF :56198.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.518+/-0.060 χ^2/NDF :37389.1/11

Left: -21.447+/-0.045 χ^2/NDF : 99181.8/25

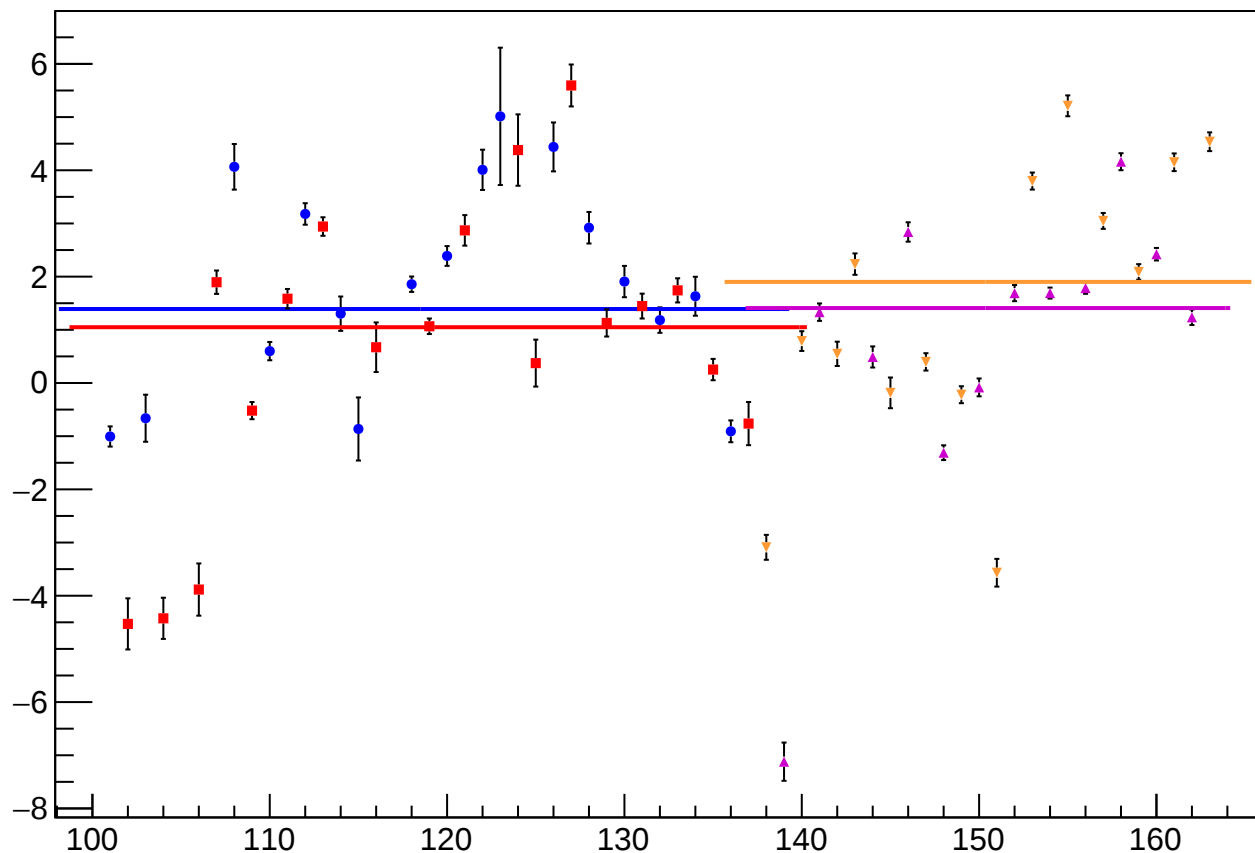
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.518+/-0.060 χ^2/NDF :37389.1/11

Out: -25.296+/-0.068 χ^2/NDF :56198.5/13

All: -21.447+/-0.045 χ^2/NDF : 99181.8/25

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.901 $\pm$ 0.049 χ^2 /NDF:2172.1/13

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 1.409 $\pm$ 0.042 χ^2 /NDF:1505.4/11

Left: 1.618 $\pm$ 0.032 χ^2 /NDF: 3736.0/25

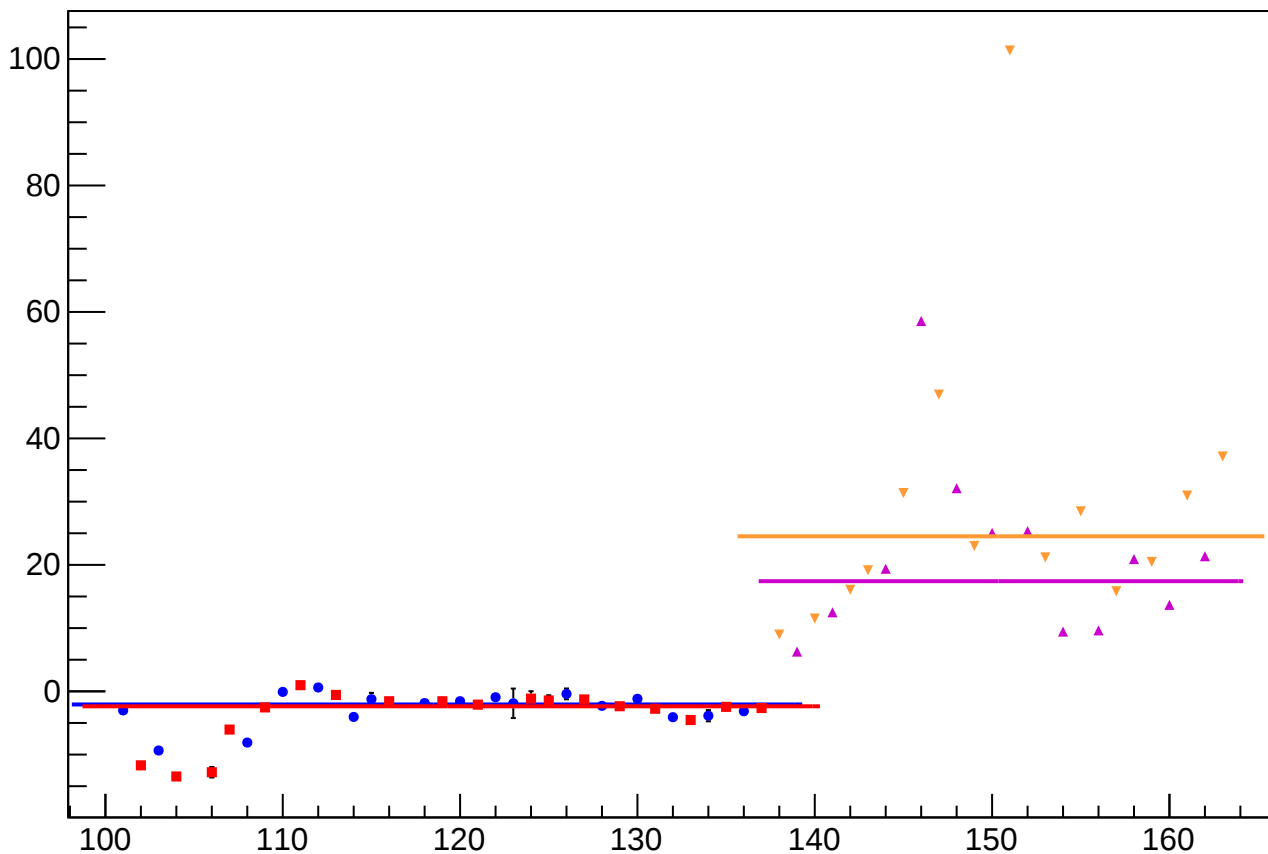
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.403 $\pm$ 0.035 χ^2 /NDF:2134.7/28

Out: 1.547 $\pm$ 0.037 χ^2 /NDF:3218.4/31

All: 1.470 $\pm$ 0.025 χ^2 /NDF: 5361.1/60

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.518 ± 0.067 χ^2/NDF : 50309.9/13

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.421 ± 0.057 χ^2/NDF : 35253.9/11

Left: 20.424 ± 0.043 χ^2/NDF : 92094.8/25

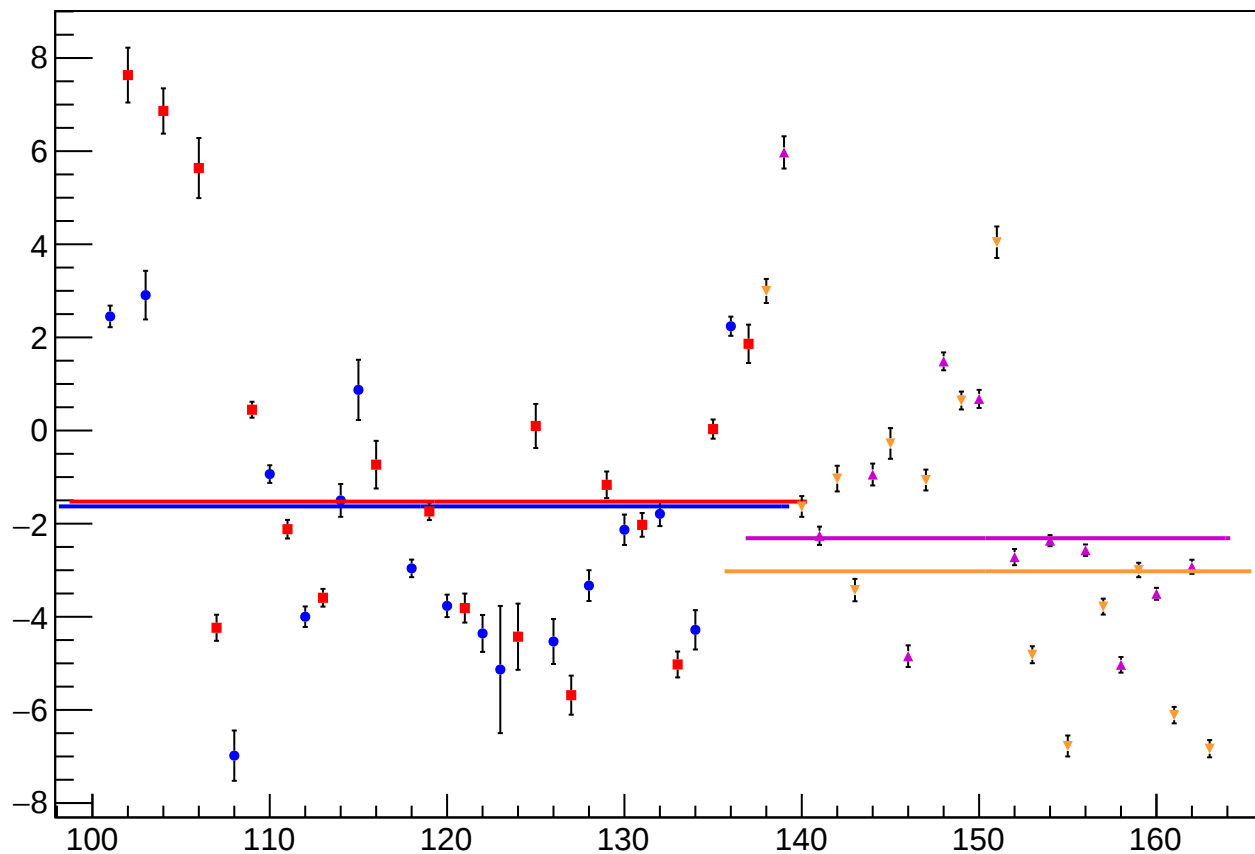
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 13.296 ± 0.051 χ^2/NDF : 60335.9/28

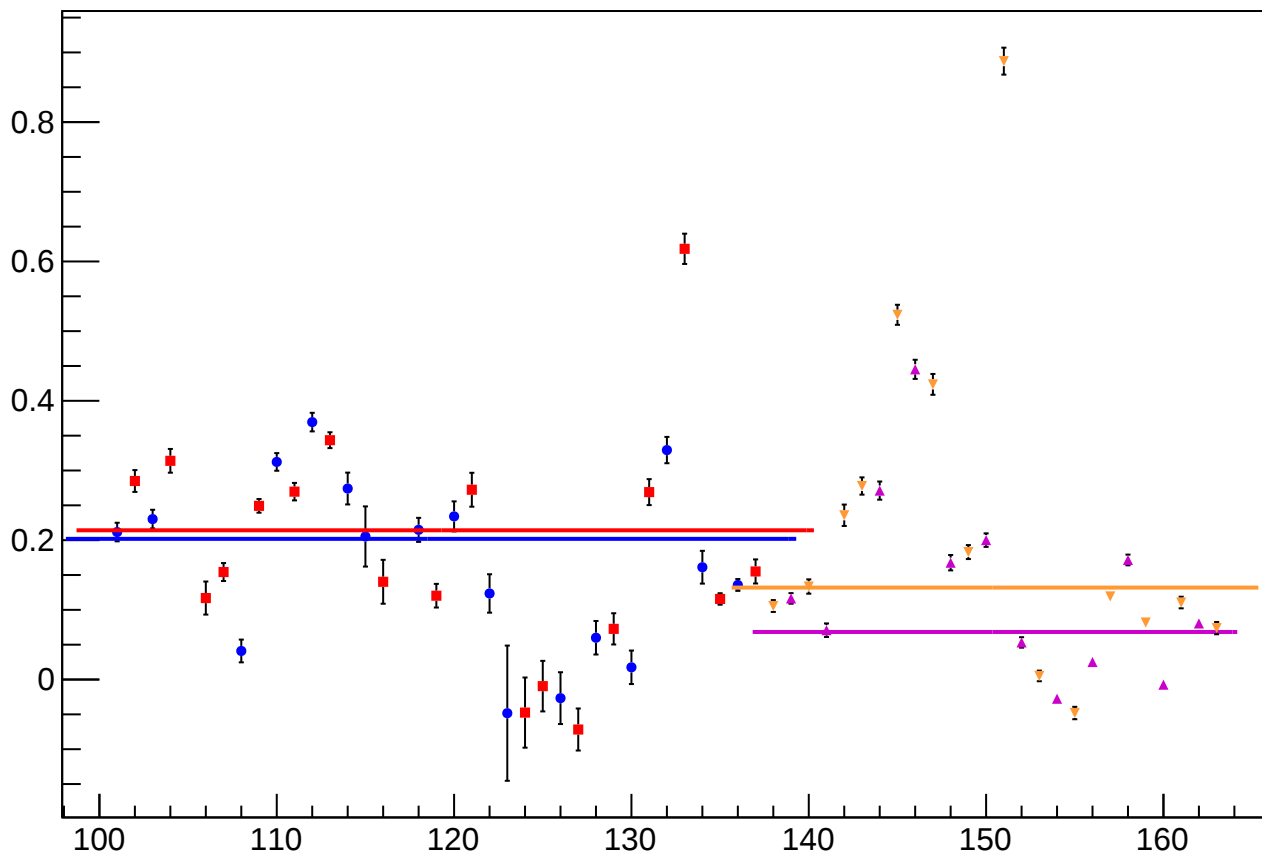
Out: 16.094 ± 0.055 χ^2/NDF : 102104.1/31

All: 14.575 ± 0.037 χ^2/NDF : 163830.8/60

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.132 ± 0.003 χ^2/NDF : 3653.2/13

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.068 ± 0.002 χ^2/NDF : 2115.9/11

Left: 0.094 ± 0.002 χ^2/NDF : 6144.9/25

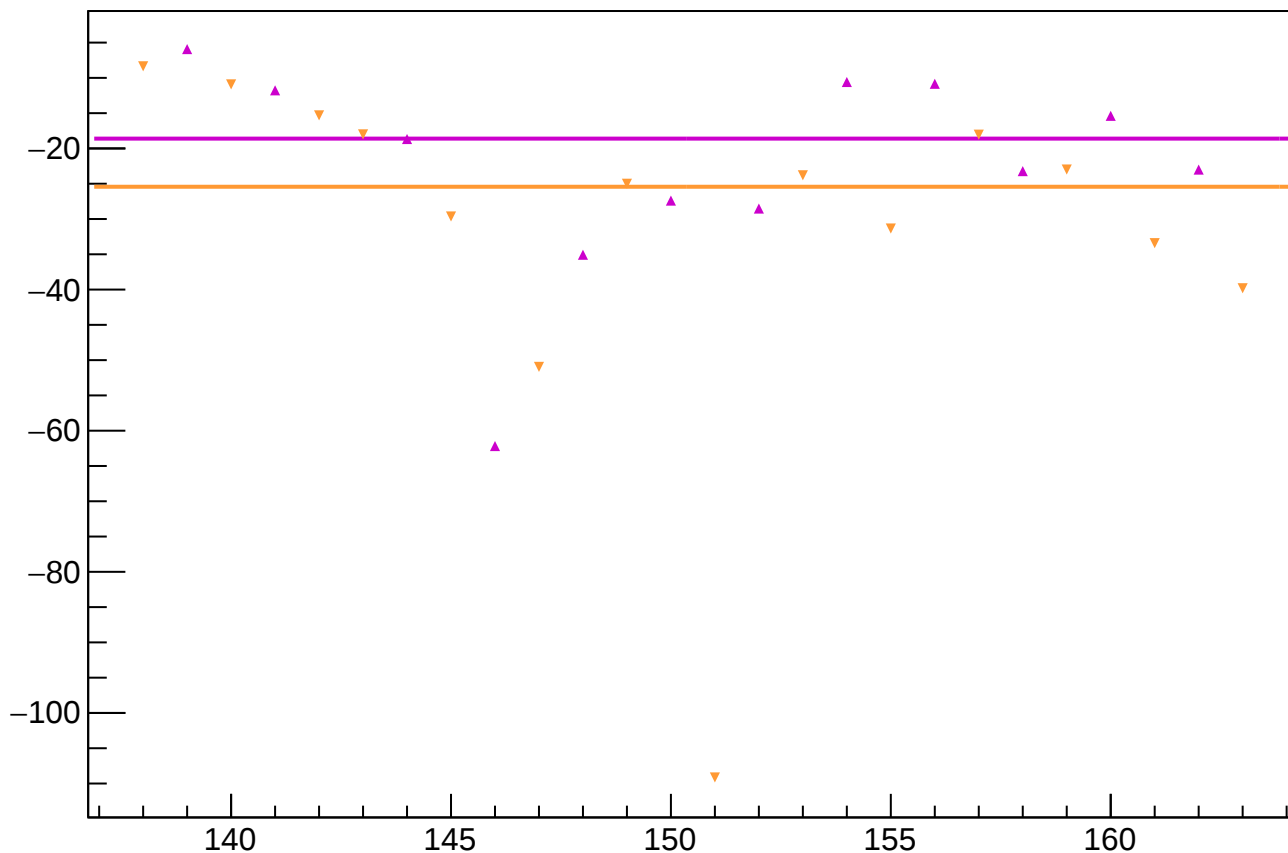
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.096 ± 0.002 χ^2/NDF : 3556.9/28

Out: 0.158 ± 0.002 χ^2/NDF : 4991.9/31

All: 0.124 ± 0.001 χ^2/NDF : 9047.1/60

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: -25.429+/-0.069 χ^2/NDF : 56324.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.607+/-0.060 χ^2/NDF : 37448.0/11

Left: -21.553+/-0.045 χ^2/NDF : 99393.9/25

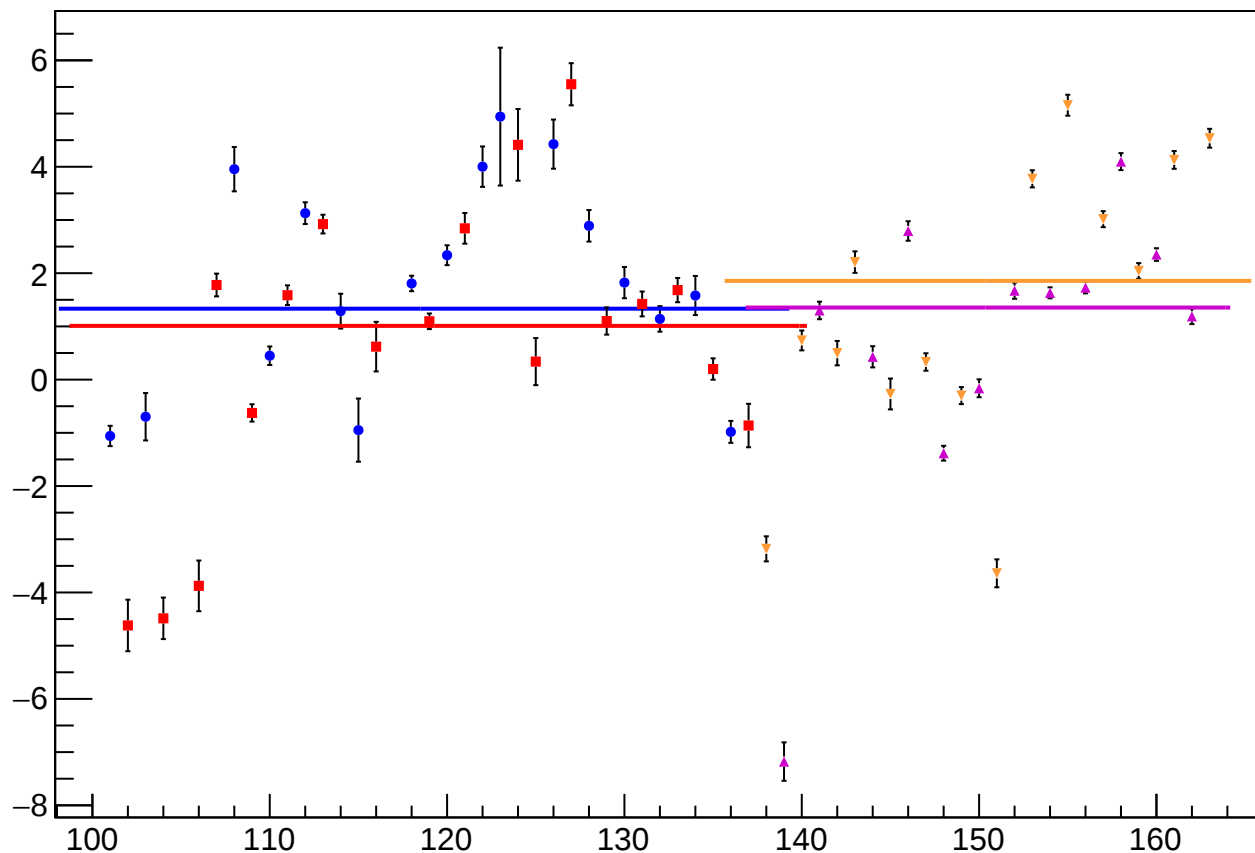
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.607+/-0.060 χ^2/NDF : 37448.0/11

Out: -25.429+/-0.069 χ^2/NDF : 56324.7/13

All: -21.553+/-0.045 χ^2/NDF : 99393.9/25

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.856 ± 0.049 χ^2/NDF : 2190.4/13

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.354 ± 0.042 χ^2/NDF : 1499.1/11

Left: 1.567 ± 0.032 χ^2/NDF : 3749.8/25

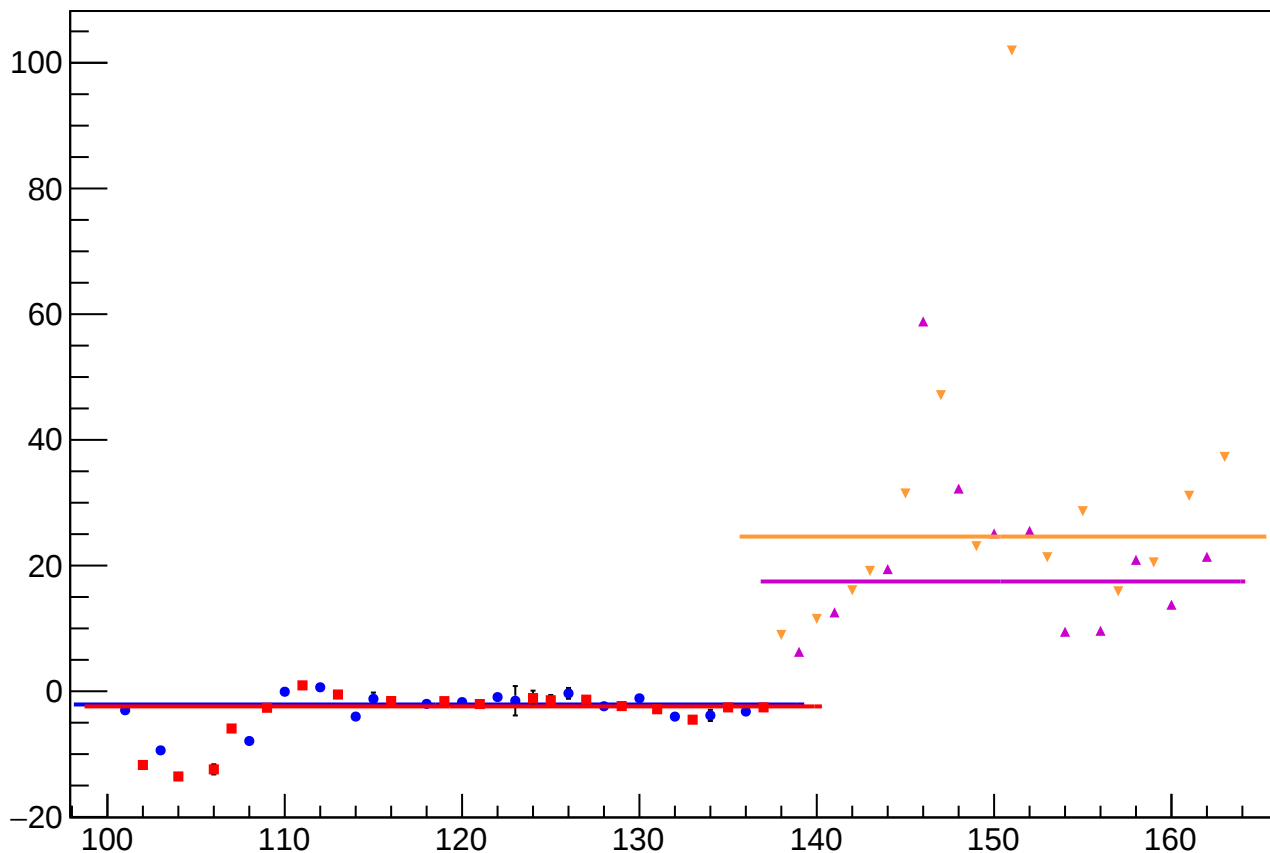
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.347 ± 0.035 χ^2/NDF : 2133.8/28

Out: 1.504 ± 0.037 χ^2/NDF : 3244.6/31

All: 1.419 ± 0.025 χ^2/NDF : 5387.8/60

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.615 ± 0.067 χ^2/NDF : 50417.1/13

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.469 ± 0.057 χ^2/NDF : 35321.0/11

Left: 20.490 ± 0.044 χ^2/NDF : 92306.4/25

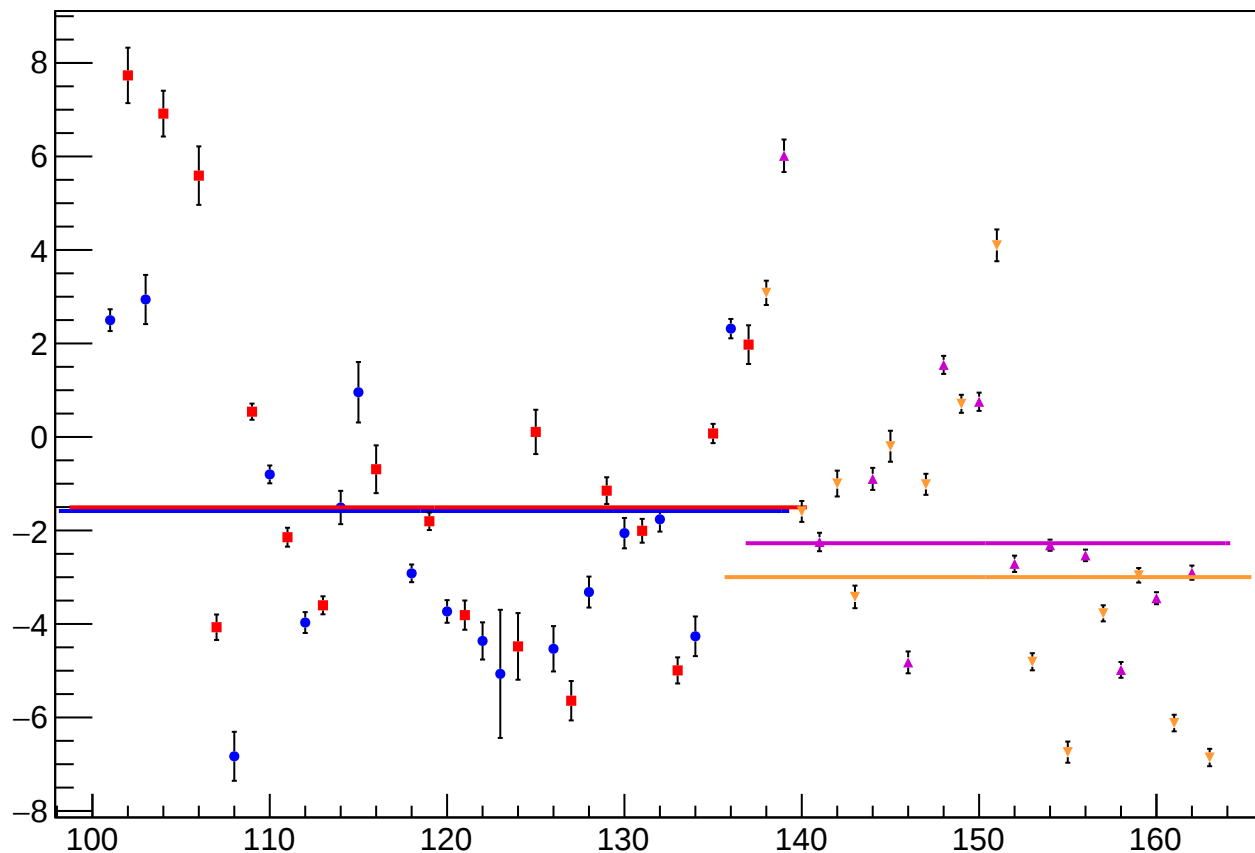
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 13.339 ± 0.051 χ^2/NDF : 60348.9/28

Out: 16.155 ± 0.056 χ^2/NDF : 102255.2/31

All: 14.626 ± 0.038 χ^2/NDF : 164000.6/60

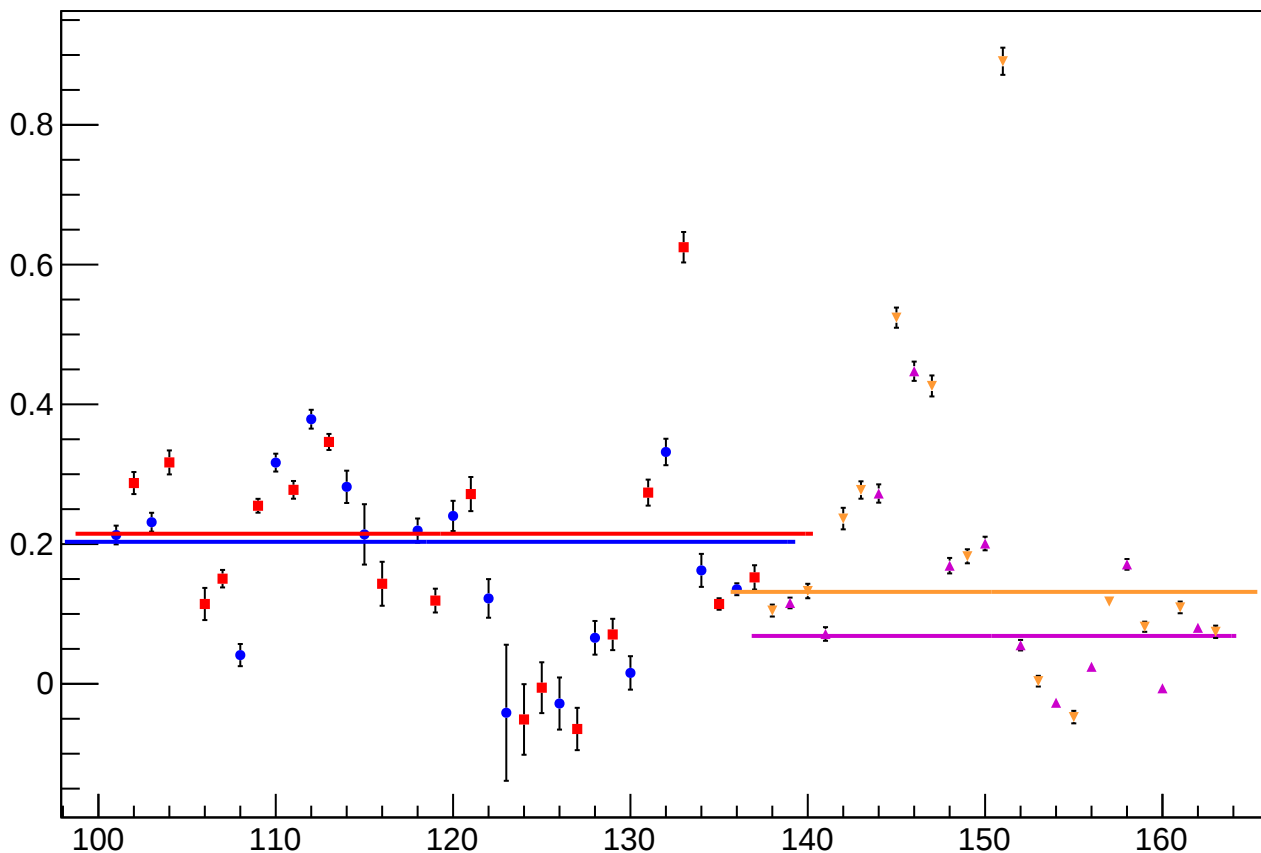
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -2.998 ± 0.056 $\chi^2/\text{NDF}: 2728.6/13$
 Right Out: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$
 Left In: -2.273 ± 0.048 $\chi^2/\text{NDF}: 1721.2/11$

Left: -2.579 ± 0.037 $\chi^2/\text{NDF}: 4545.4/25$
 Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$
 In: -2.054 ± 0.040 $\chi^2/\text{NDF}: 3058.4/28$
 Out: -2.364 ± 0.043 $\chi^2/\text{NDF}: 4526.0/31$
 All: -2.198 ± 0.029 $\chi^2/\text{NDF}: 7612.7/60$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.132 ± 0.003 χ^2/NDF : 3645.4/13

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.069 ± 0.002 χ^2/NDF : 2106.4/11

Left: 0.094 ± 0.002 χ^2/NDF : 6116.7/25

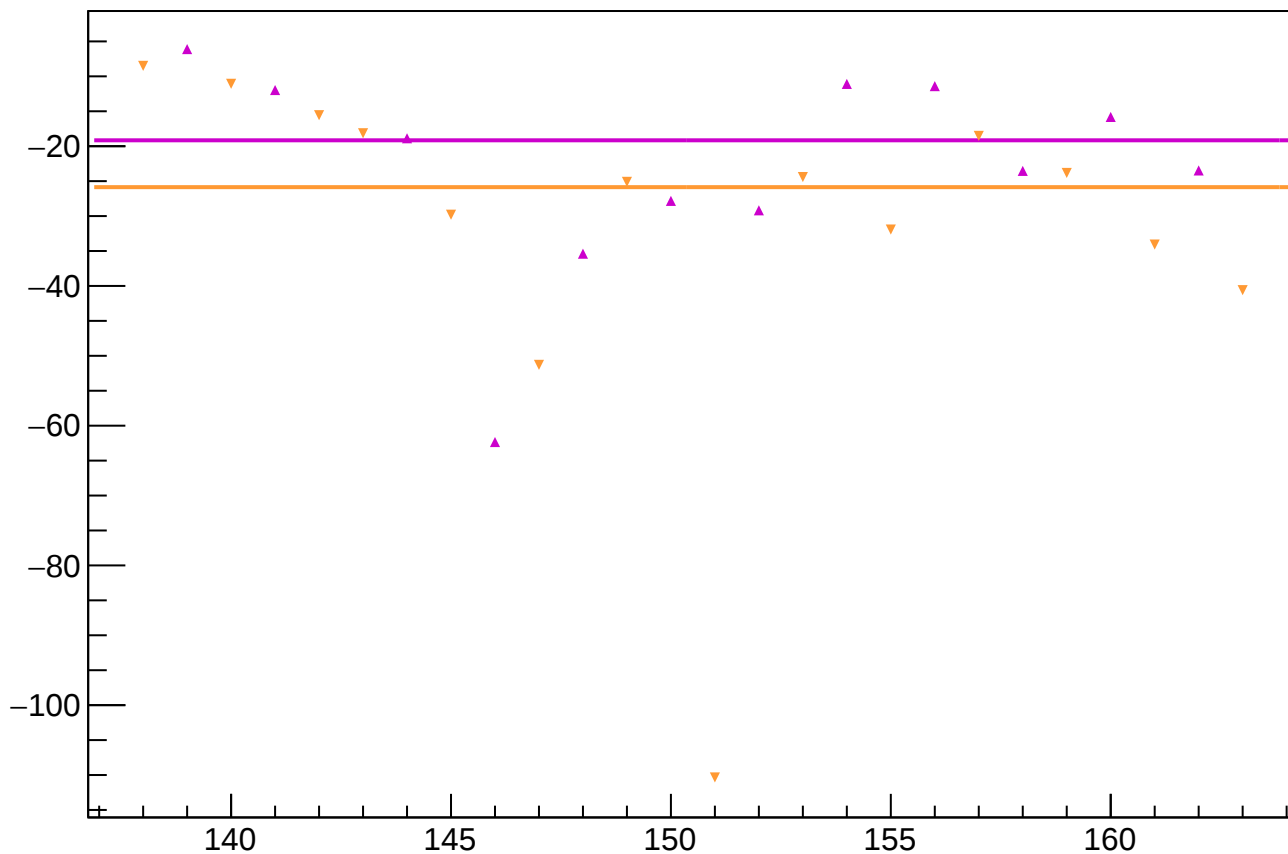
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.096 ± 0.002 χ^2/NDF : 3582.7/28

Out: 0.158 ± 0.002 χ^2/NDF : 5022.1/31

All: 0.124 ± 0.001 χ^2/NDF : 9091.9/60

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.860+/-0.070 χ^2/NDF :56251.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.155+/-0.061 χ^2/NDF :36359.7/11

Left: -22.077+/-0.046 χ^2/NDF : 97832.1/25

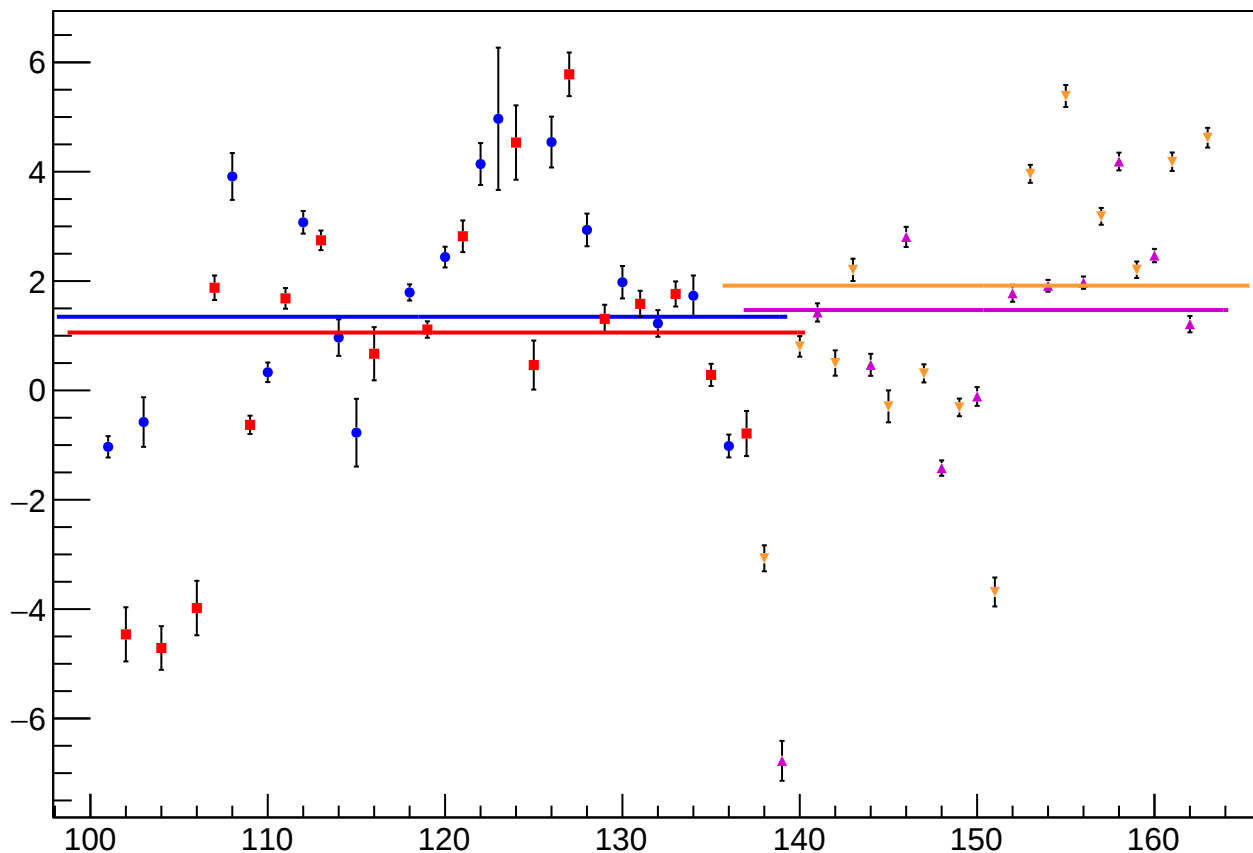
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.155+/-0.061 χ^2/NDF :36359.7/11

Out: -25.860+/-0.070 χ^2/NDF :56251.8/13

All: -22.077+/-0.046 χ^2/NDF : 97832.1/25

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.916 ± 0.050 χ^2/NDF : 2229.6/13

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 1.470 ± 0.043 χ^2/NDF : 1487.4/11

Left: 1.661 ± 0.033 χ^2/NDF : 3762.9/25

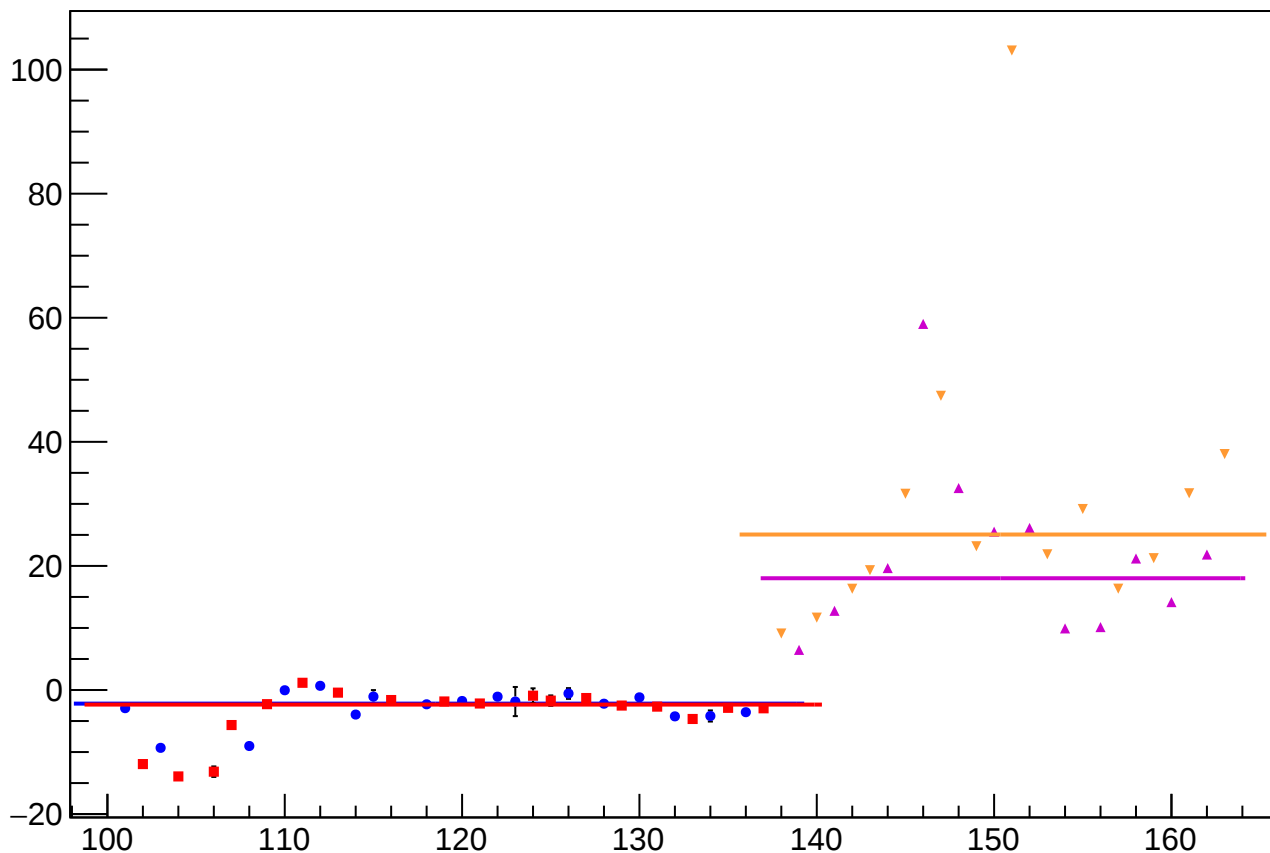
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.430 ± 0.035 χ^2/NDF : 2120.2/28

Out: 1.561 ± 0.038 χ^2/NDF : 3257.4/31

All: 1.491 ± 0.026 χ^2/NDF : 5383.9/60

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: 25.062 ± 0.068 $\chi^2/\text{NDF}: 50195.2/13$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 18.014 ± 0.059 $\chi^2/\text{NDF}: 34142.5/11$

Left: 21.022 ± 0.045 $\chi^2/\text{NDF}: 90472.0/25$

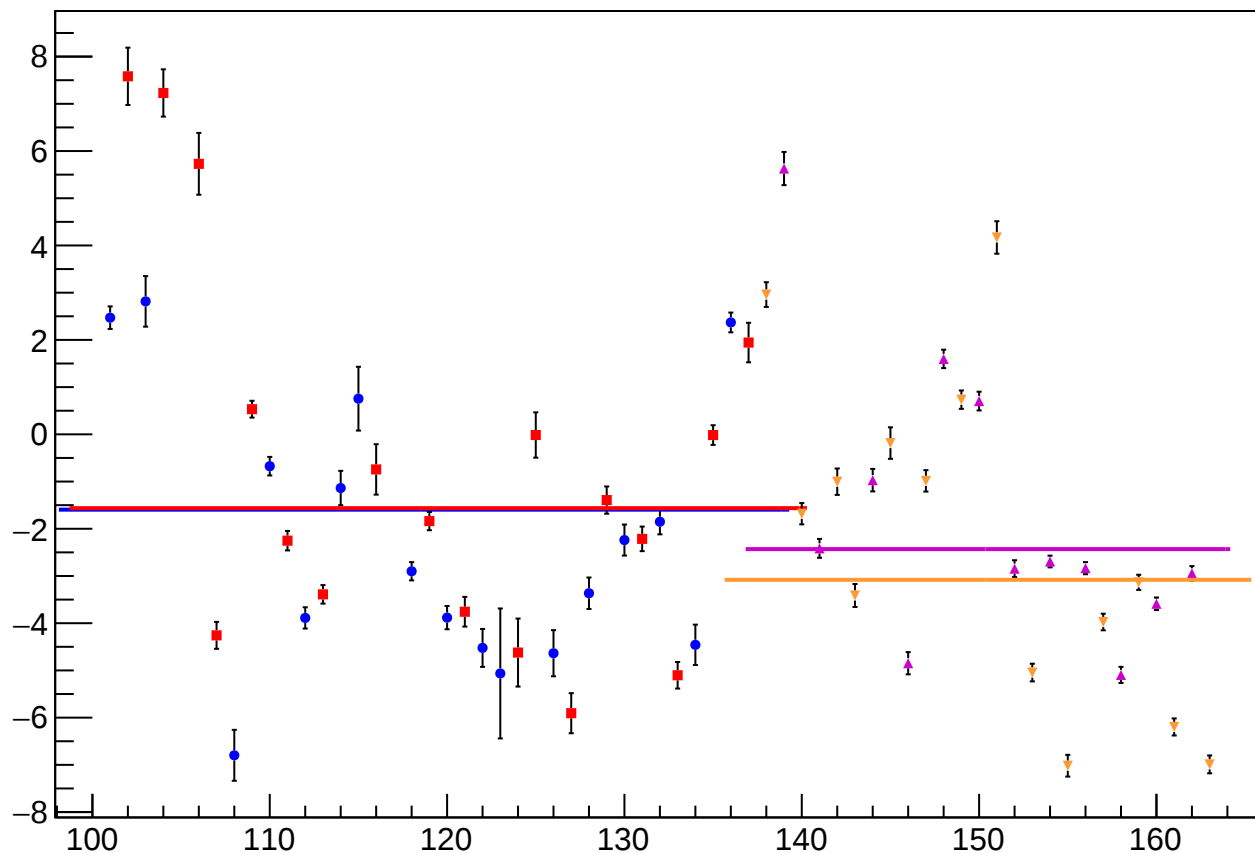
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 13.701 ± 0.052 $\chi^2/\text{NDF}: 59828.7/28$

Out: 16.528 ± 0.057 $\chi^2/\text{NDF}: 101494.4/31$

All: 15.000 ± 0.038 $\chi^2/\text{NDF}: 162674.1/60$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -3.081 ± 0.057 $\chi^2/\text{NDF}: 2766.8/13$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -2.431 ± 0.049 $\chi^2/\text{NDF}: 1695.7/11$

Left: -2.708 ± 0.037 $\chi^2/\text{NDF}: 4536.3/25$

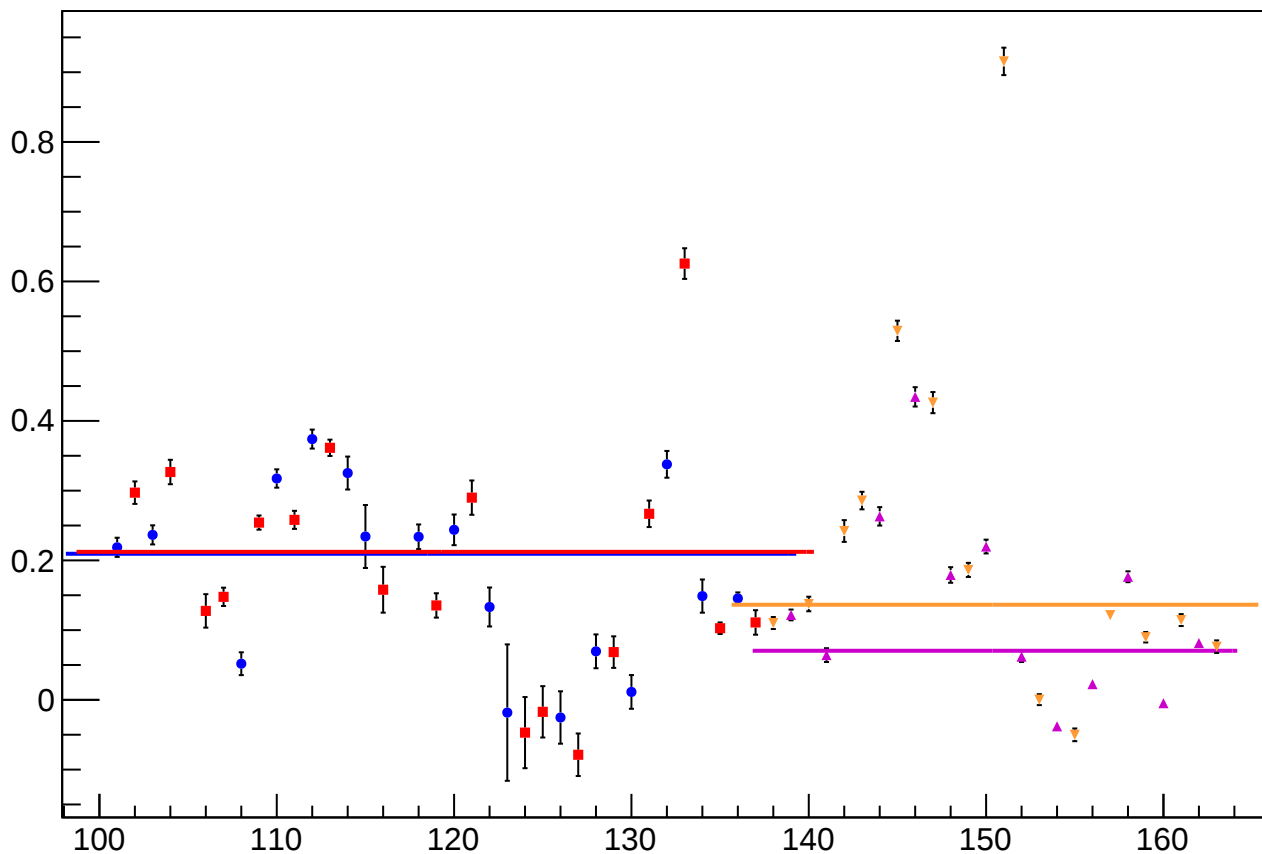
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -2.162 ± 0.041 $\chi^2/\text{NDF}: 3043.2/28$

Out: -2.439 ± 0.044 $\chi^2/\text{NDF}: 4524.8/31$

All: -2.291 ± 0.030 $\chi^2/\text{NDF}: 7589.6/60$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.136 $\pm$ 0.003 χ^2 /NDF:3698.6/13

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF:2145.5/11

Left: 0.097 $\pm$ 0.002 χ^2 /NDF: 6227.3/25

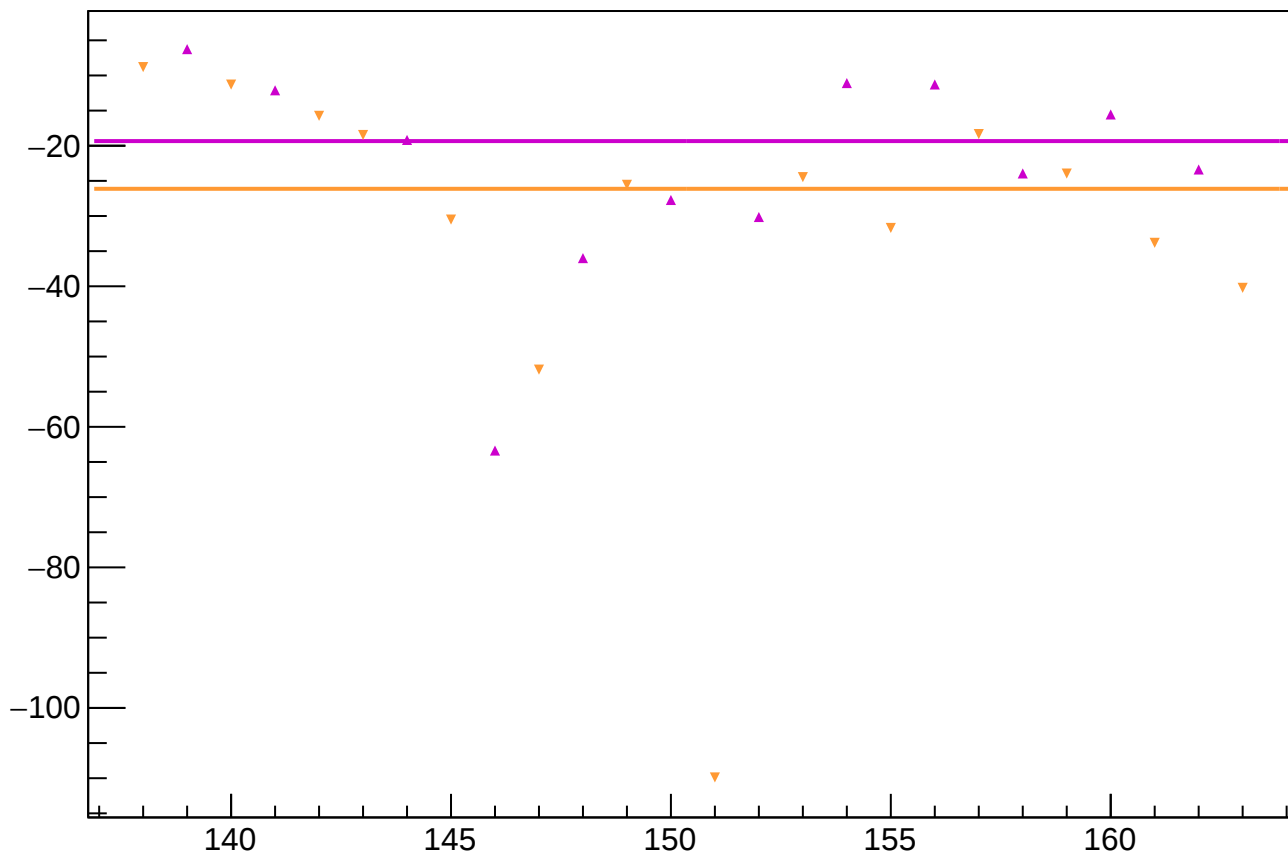
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.099 $\pm$ 0.002 χ^2 /NDF:3608.9/28

Out: 0.161 $\pm$ 0.002 χ^2 /NDF:5070.0/31

All: 0.127 $\pm$ 0.001 χ^2 /NDF: 9133.6/60

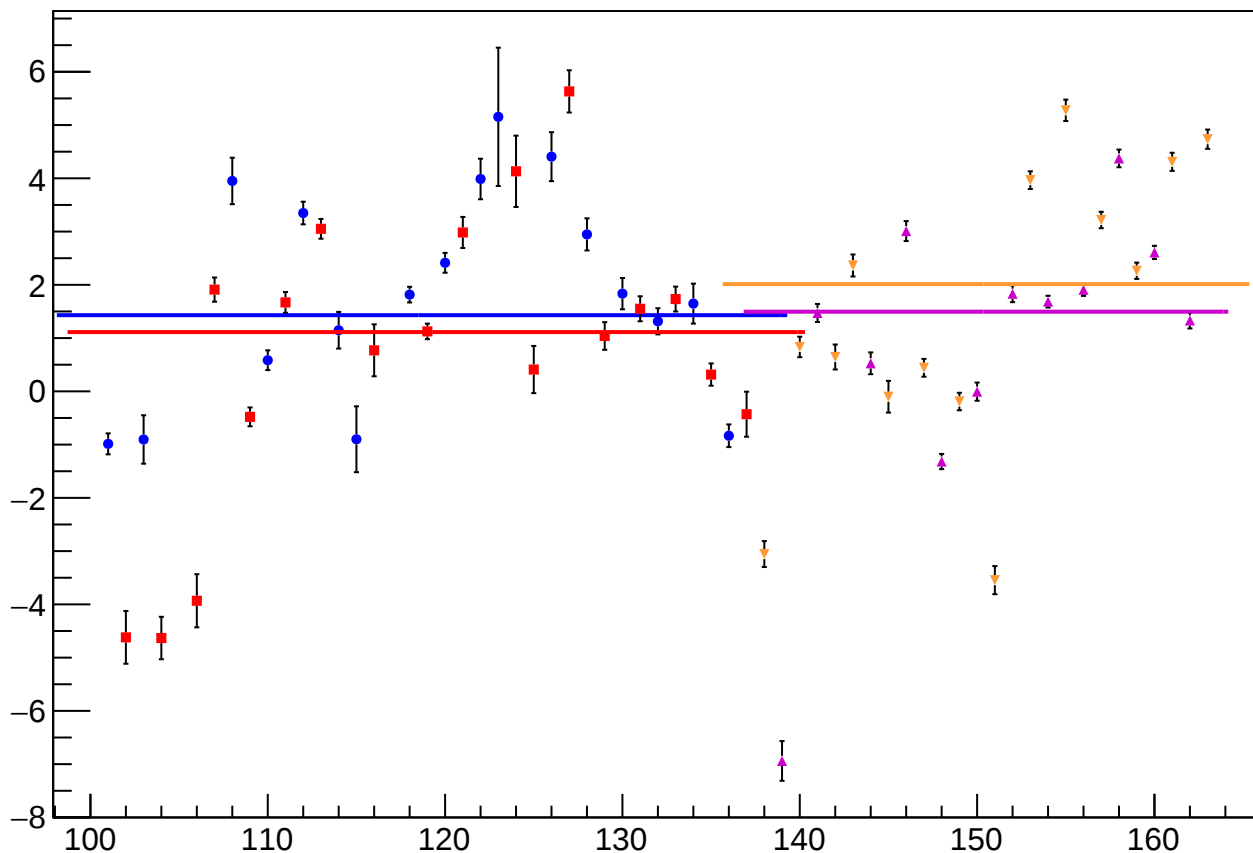
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.128+/-0.071 χ^2/NDF :54967.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.339+/-0.062 χ^2/NDF :36654.5/11

Left: -22.311+/-0.047 χ^2/NDF : 96834.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.339+/-0.062 χ^2/NDF :36654.5/11
 Out: -26.128+/-0.071 χ^2/NDF :54967.6/13
 All: -22.311+/-0.047 χ^2/NDF : 96834.4/25

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 2.013 $\pm$ 0.050 χ^2 /NDF:2142.4/13

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.496 $\pm$ 0.044 χ^2 /NDF:1467.0/11

Left: 1.719 $\pm$ 0.033 χ^2 /NDF: 3669.6/25

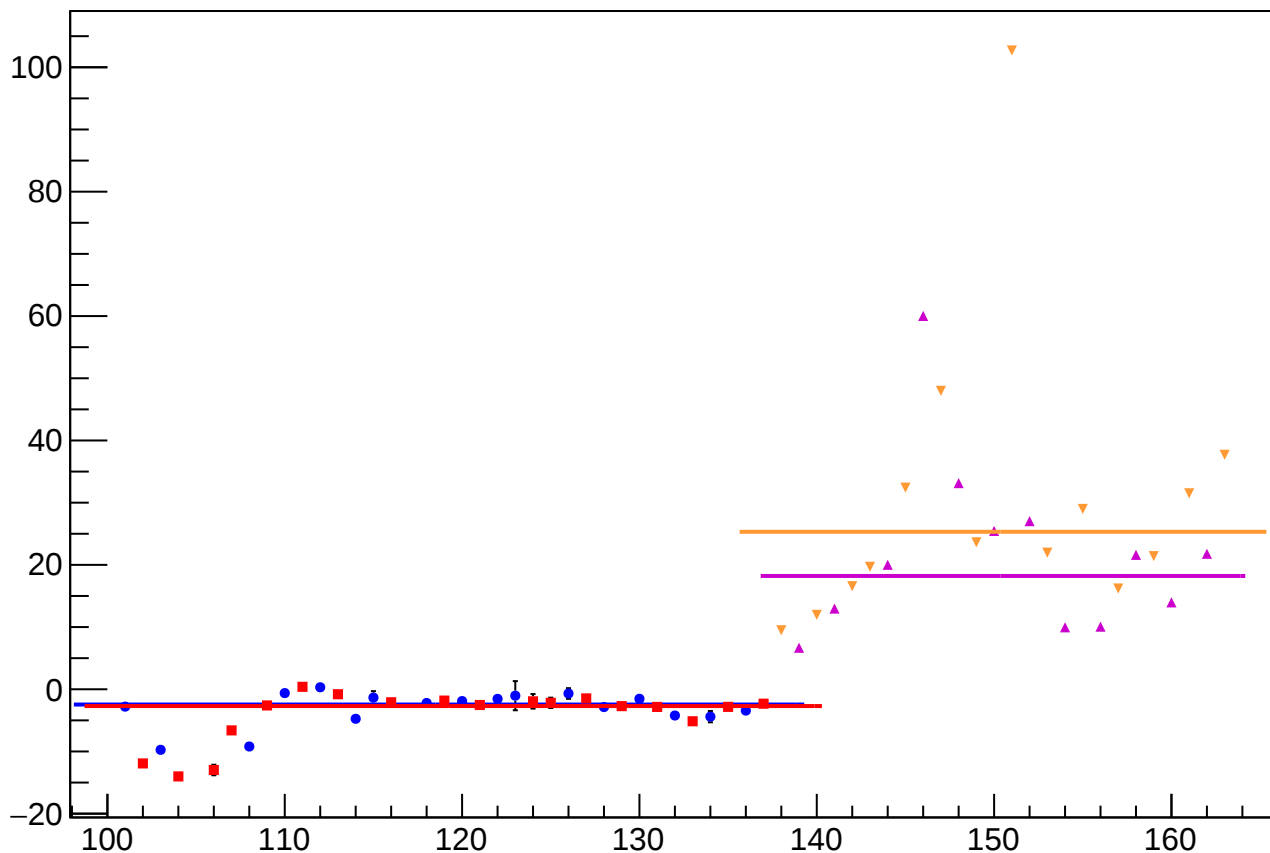
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.474 $\pm$ 0.036 χ^2 /NDF:2065.7/28

Out: 1.641 $\pm$ 0.039 χ^2 /NDF:3162.1/31

All: 1.552 $\pm$ 0.026 χ^2 /NDF: 5237.9/60

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: 25.320 ± 0.069 χ^2/NDF : 49196.5/13

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.217 ± 0.060 χ^2/NDF : 34478.1/11

Left: 21.265 ± 0.045 χ^2/NDF : 89748.4/25

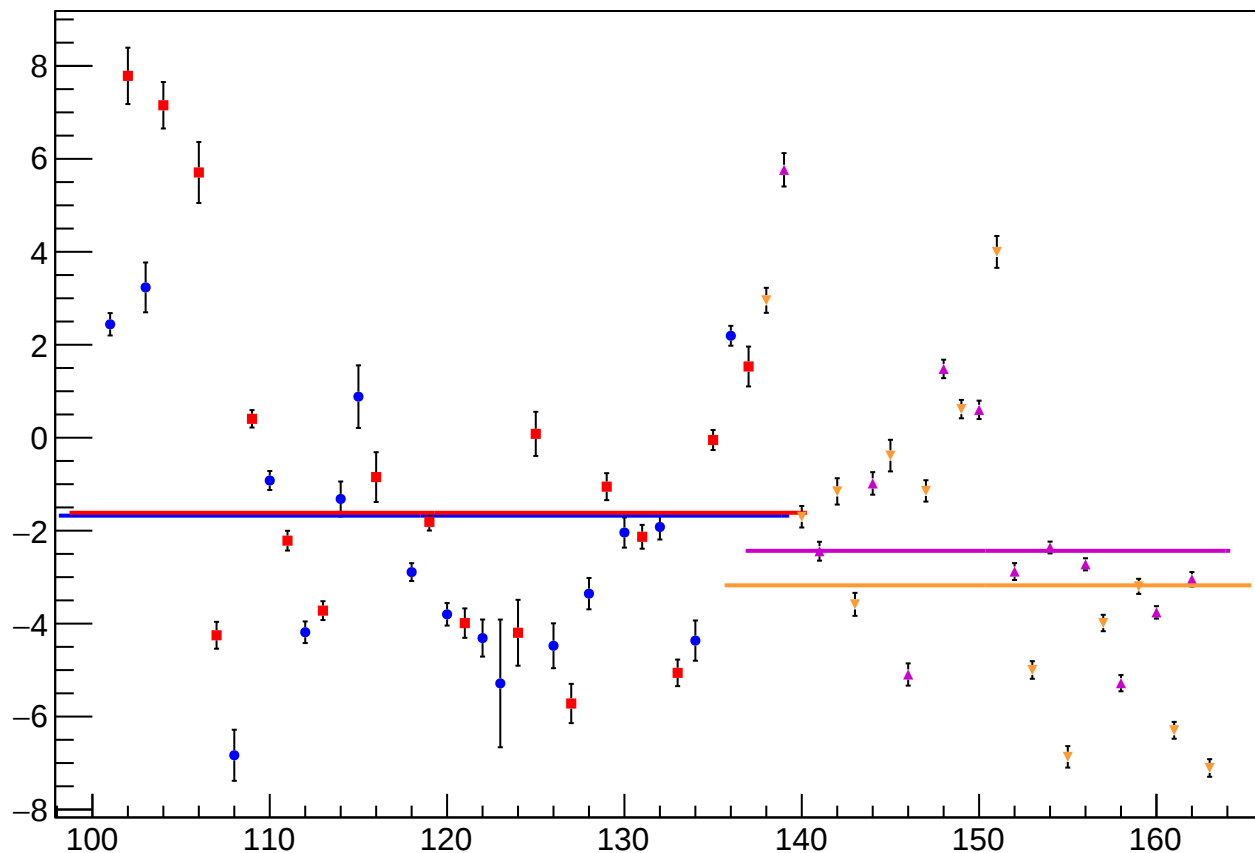
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 13.801 ± 0.053 χ^2/NDF : 60506.0/28

Out: 16.730 ± 0.057 χ^2/NDF : 100785.8/31

All: 15.149 ± 0.039 χ^2/NDF : 162699.8/60

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -3.176 ± 0.058 χ^2/NDF : 2660.8/13

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.434 ± 0.050 χ^2/NDF : 1692.9/11

Left: -2.752 ± 0.038 χ^2/NDF : 4447.6/25

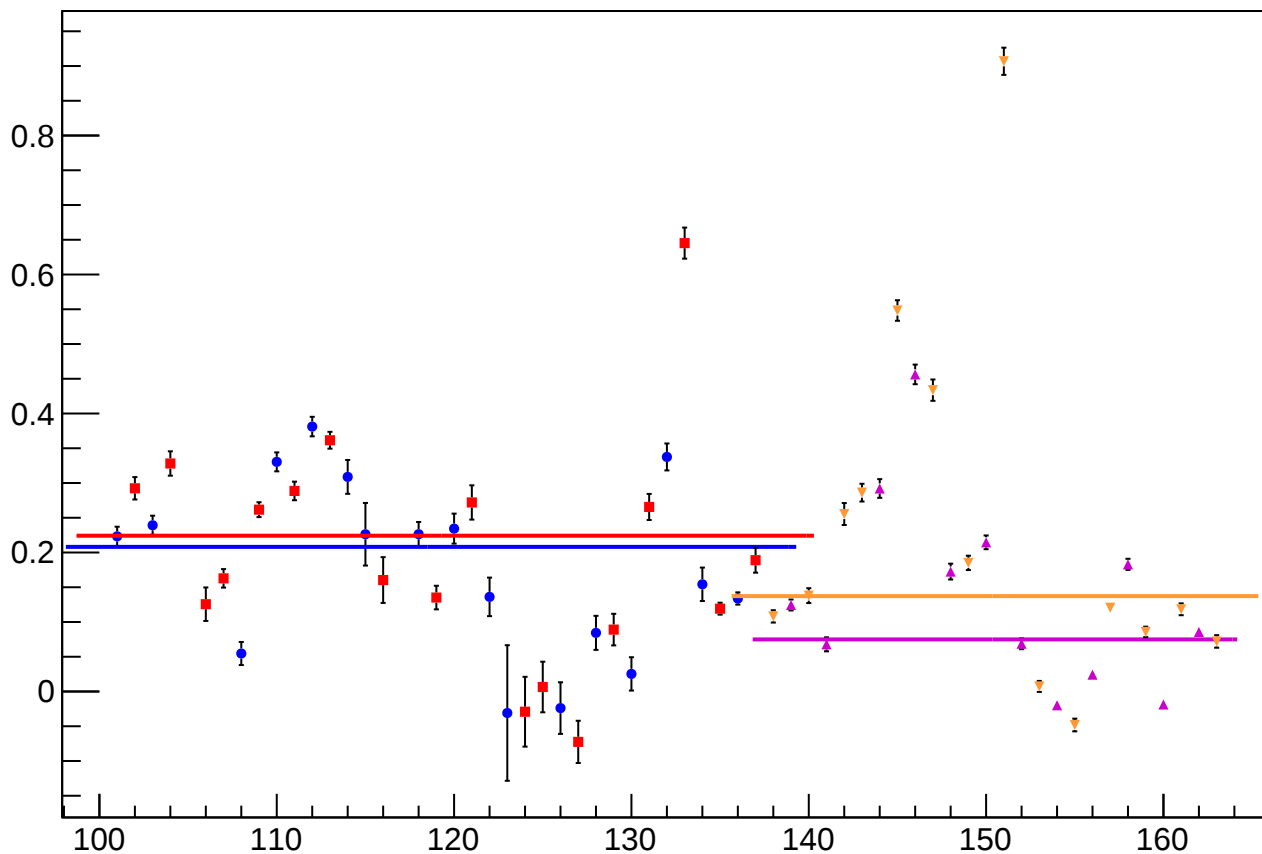
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -2.189 ± 0.041 χ^2/NDF : 2971.5/28

Out: -2.520 ± 0.044 χ^2/NDF : 4393.9/31

All: -2.343 ± 0.030 χ^2/NDF : 7395.4/60

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3705.3/13

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.075 ± 0.002 χ^2/NDF : 2143.7/11

Left: 0.101 ± 0.002 χ^2/NDF : 6181.5/25

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.103 ± 0.002 χ^2/NDF : 3515.2/28

Out: 0.165 ± 0.002 χ^2/NDF : 5049.8/31

All: 0.131 ± 0.001 χ^2/NDF : 9014.8/60