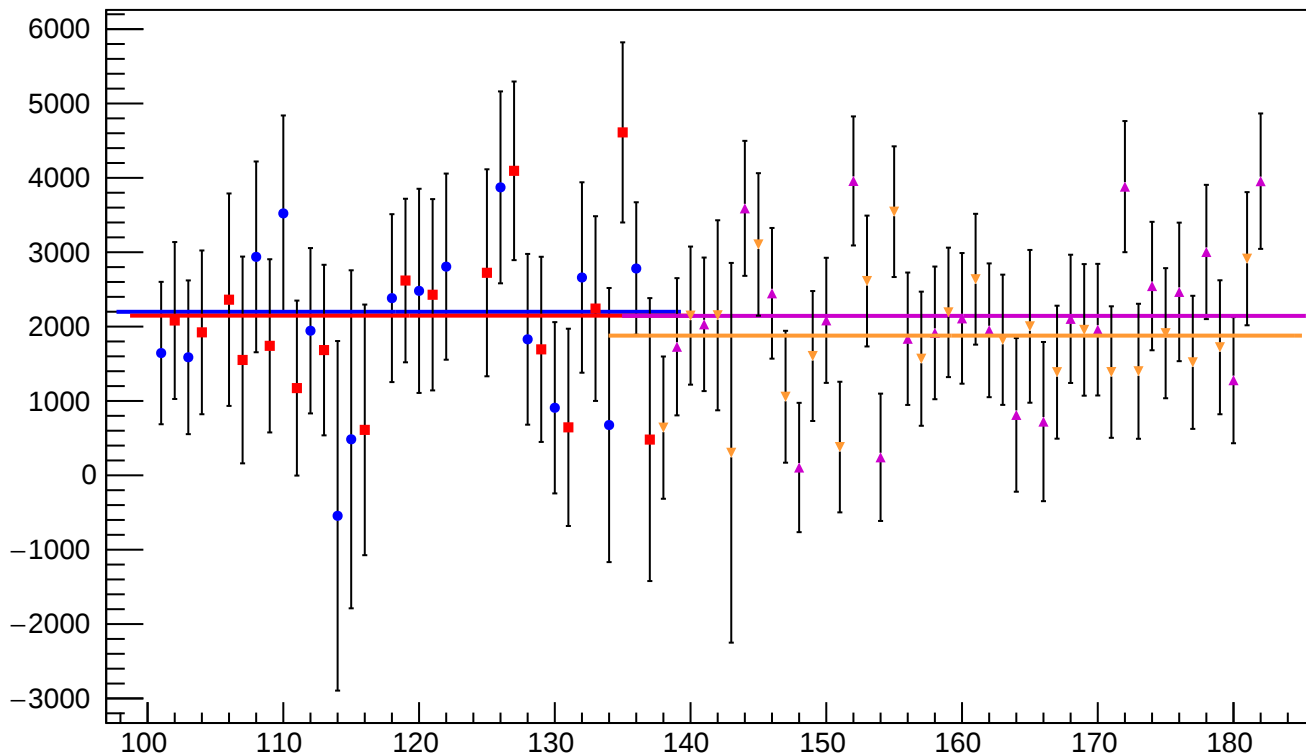


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1878.704+/-193.448

Right Out: 2147.149+/-304.804

Left In: 2144.068+/-190.906

χ^2/NDF : 8.6/15

χ^2/NDF : 15.4/22

χ^2/NDF : 11.4/16

χ^2/NDF : 31.5/21

Left: 2013.141+/-135.880

Right: 2172.848+/-216.219

In: 2159.369+/-162.083

Out: 1955.785+/-163.330

All: 2058.357+/-115.048

χ^2/NDF : 47.9/44

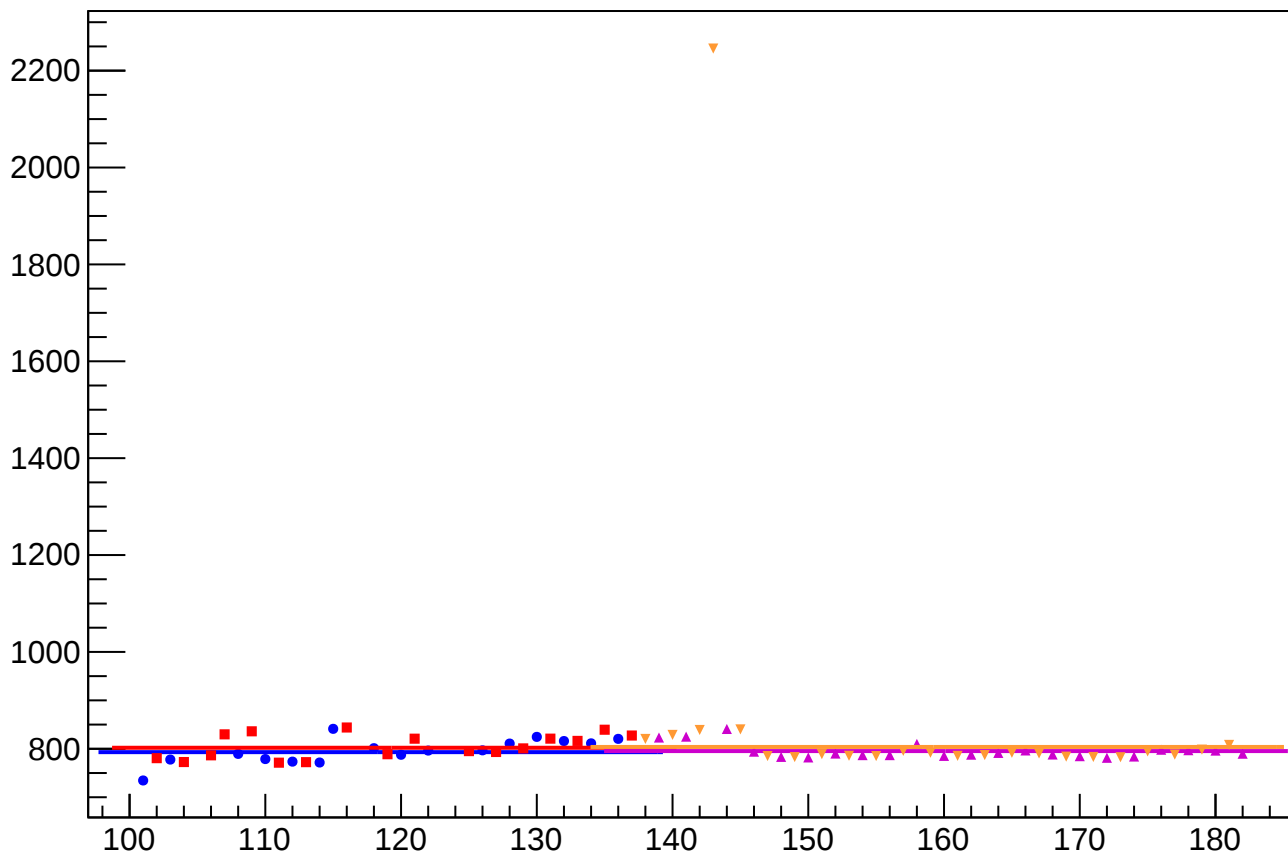
χ^2/NDF : 20.0/32

χ^2/NDF : 40.1/37

χ^2/NDF : 27.4/39

χ^2/NDF : 68.3/77

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 795.283 ± 0.135 χ^2/NDF : 12722.4/21

Left: 799.489 ± 0.096 χ^2/NDF : 670389.2/44

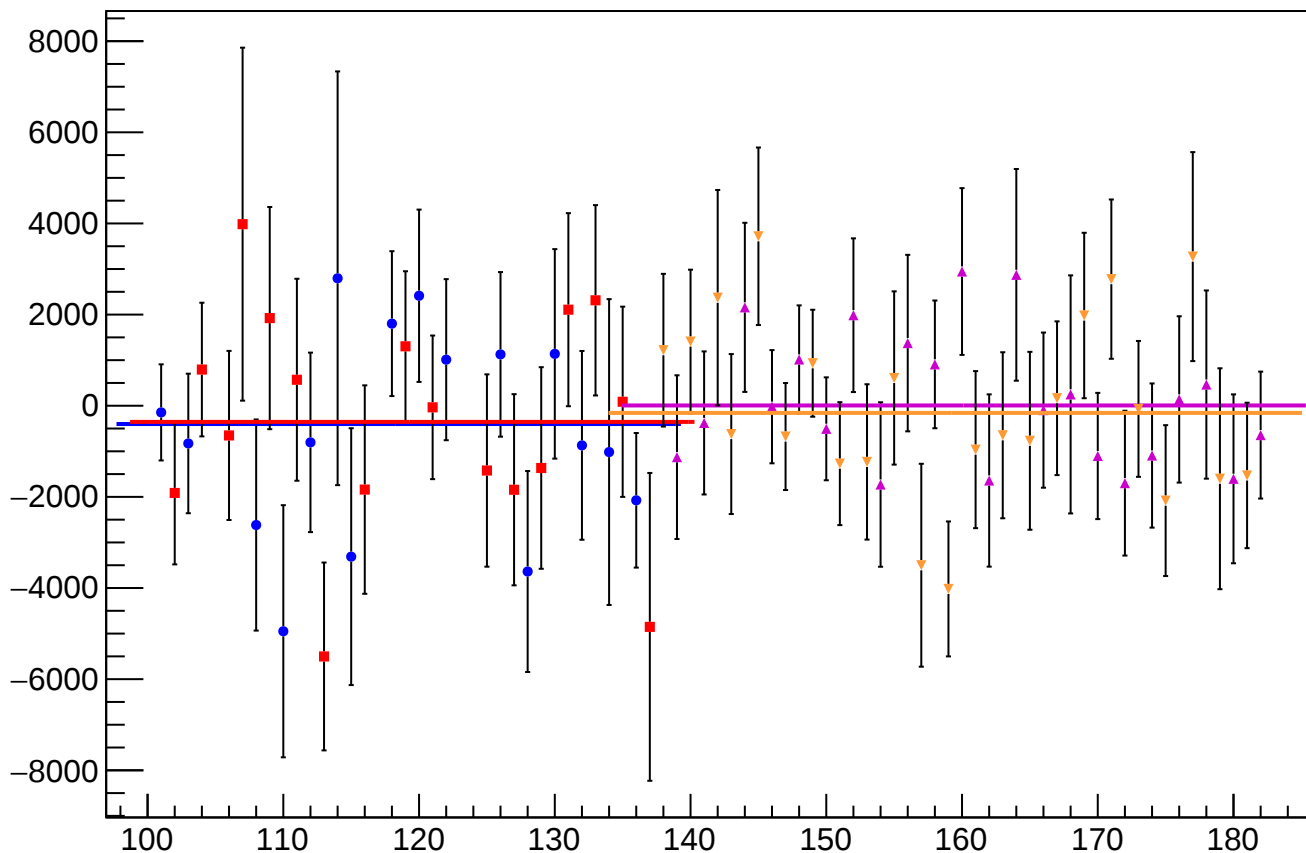
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 794.671 ± 0.115 χ^2/NDF : 27499.1/37

Out: 803.331 ± 0.115 χ^2/NDF : 668465.2/39

All: 798.968 ± 0.081 χ^2/NDF : 698796.9/77

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -157.338+/-348.024 χ^2/NDF : 27.5/22

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

Left In: 6.133+/-343.067 χ^2/NDF : 14.1/21

Left: -74.430+/-244.319 χ^2/NDF : 41.8/44

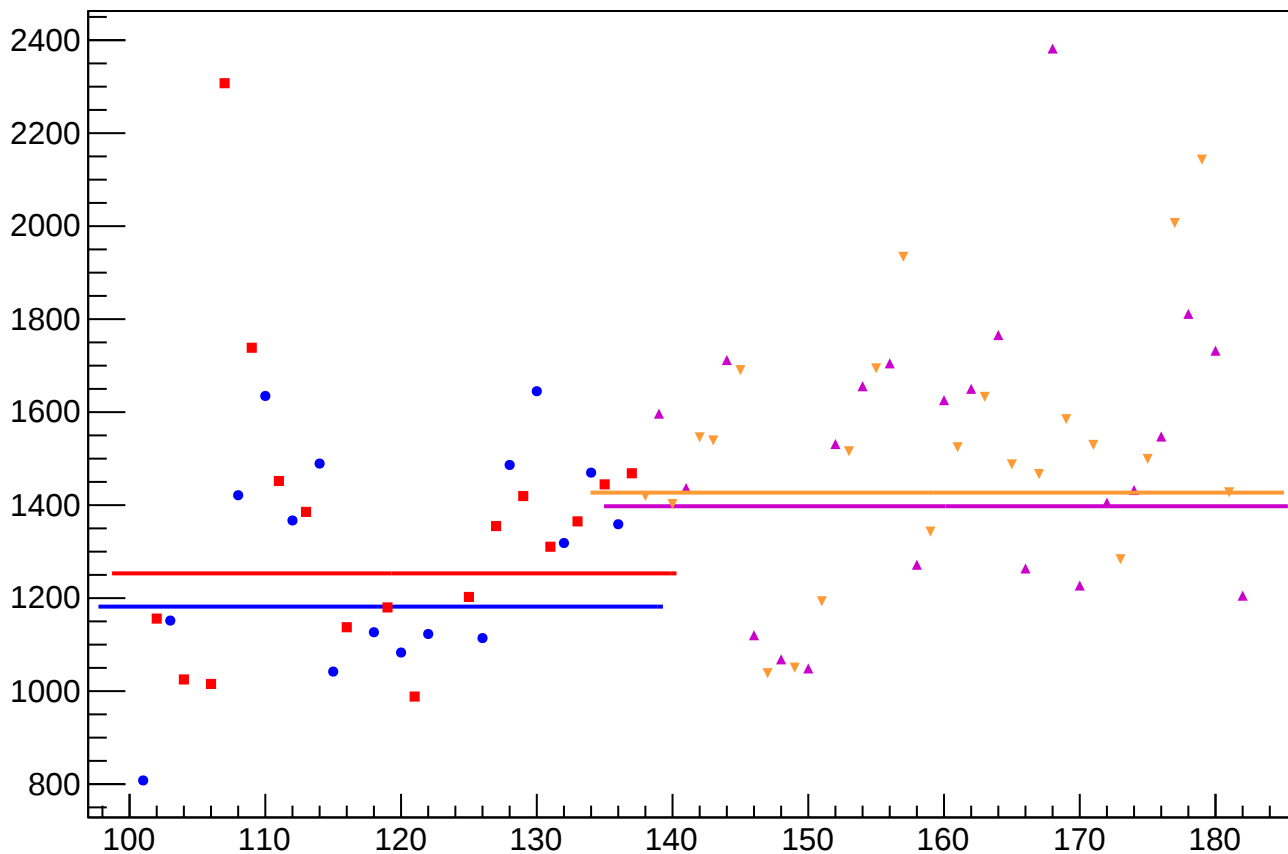
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -136.071+/-276.826 χ^2/NDF : 29.4/37

Out: -224.062+/-283.060 χ^2/NDF : 45.0/39

All: -179.087+/-197.913 χ^2/NDF : 74.5/77

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1397.637 $\pm$ 0.243 χ^2 /NDF:1289600.6/21

Left: 1412.086 $\pm$ 0.173 χ^2 /NDF: 2368988.5/44

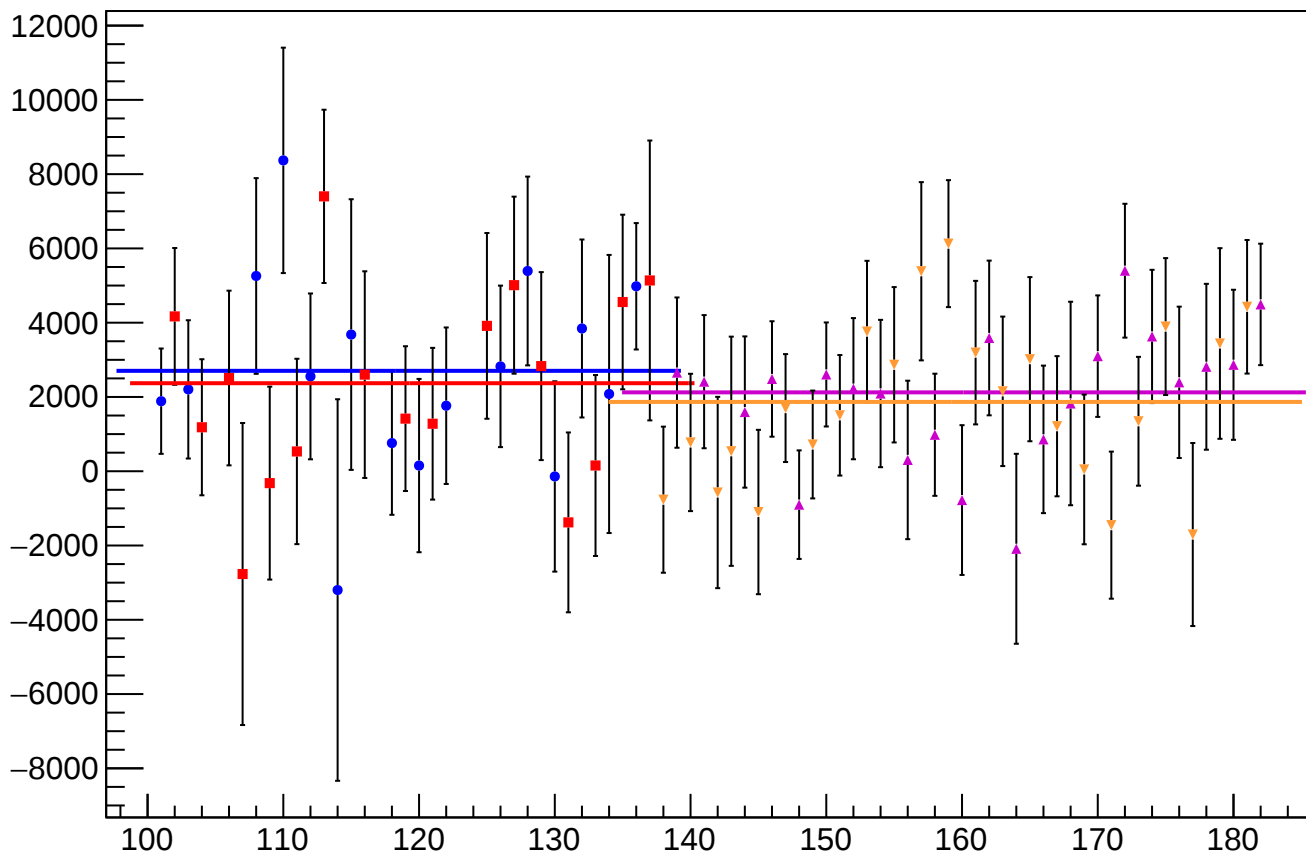
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1322.323 $\pm$ 0.196 χ^2 /NDF:2109367.6/37

Out: 1368.149 $\pm$ 0.200 χ^2 /NDF:1696536.1/39

All: 1344.726 $\pm$ 0.140 χ^2 /NDF: 3832697.5/77

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2123.927 $\pm$ 395.993 χ^2/NDF : 18.2/21

Left: 1997.917 $\pm$ 282.969 χ^2/NDF : 44.0/44

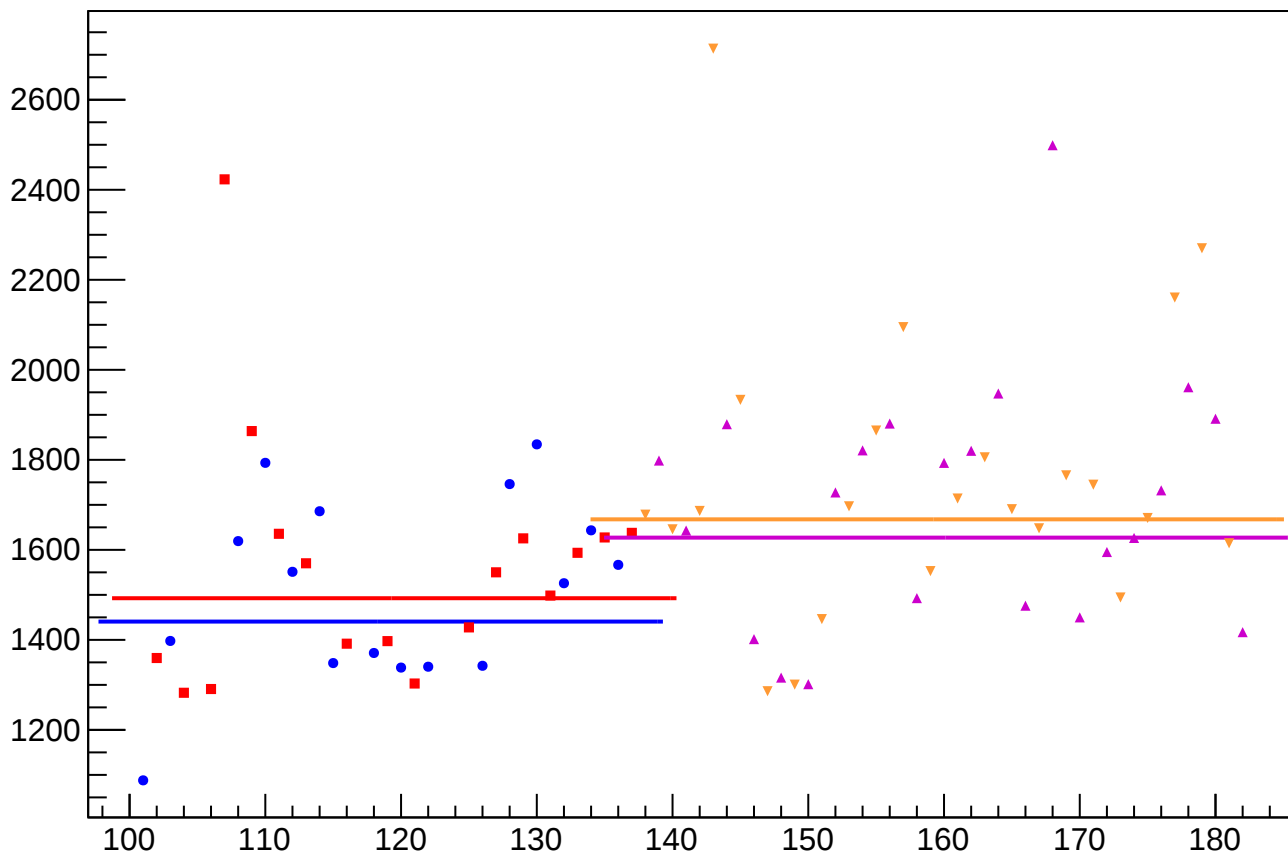
Right: 2539.780 $\pm$ 402.301 χ^2/NDF : 29.2/32

In: 2315.130 $\pm$ 324.184 χ^2/NDF : 32.0/37

Out: 2033.937 $\pm$ 330.548 χ^2/NDF : 42.1/39

All: 2177.267 $\pm$ 231.450 χ^2/NDF : 74.5/77

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1667.801 $\pm$ 0.286 χ^2 /NDF: 883445.8/22

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

Left In: 1627.156 $\pm$ 0.280 χ^2 /NDF: 769647.2/21

Left: 1647.047 $\pm$ 0.200 χ^2 /NDF: 1663404.1/44

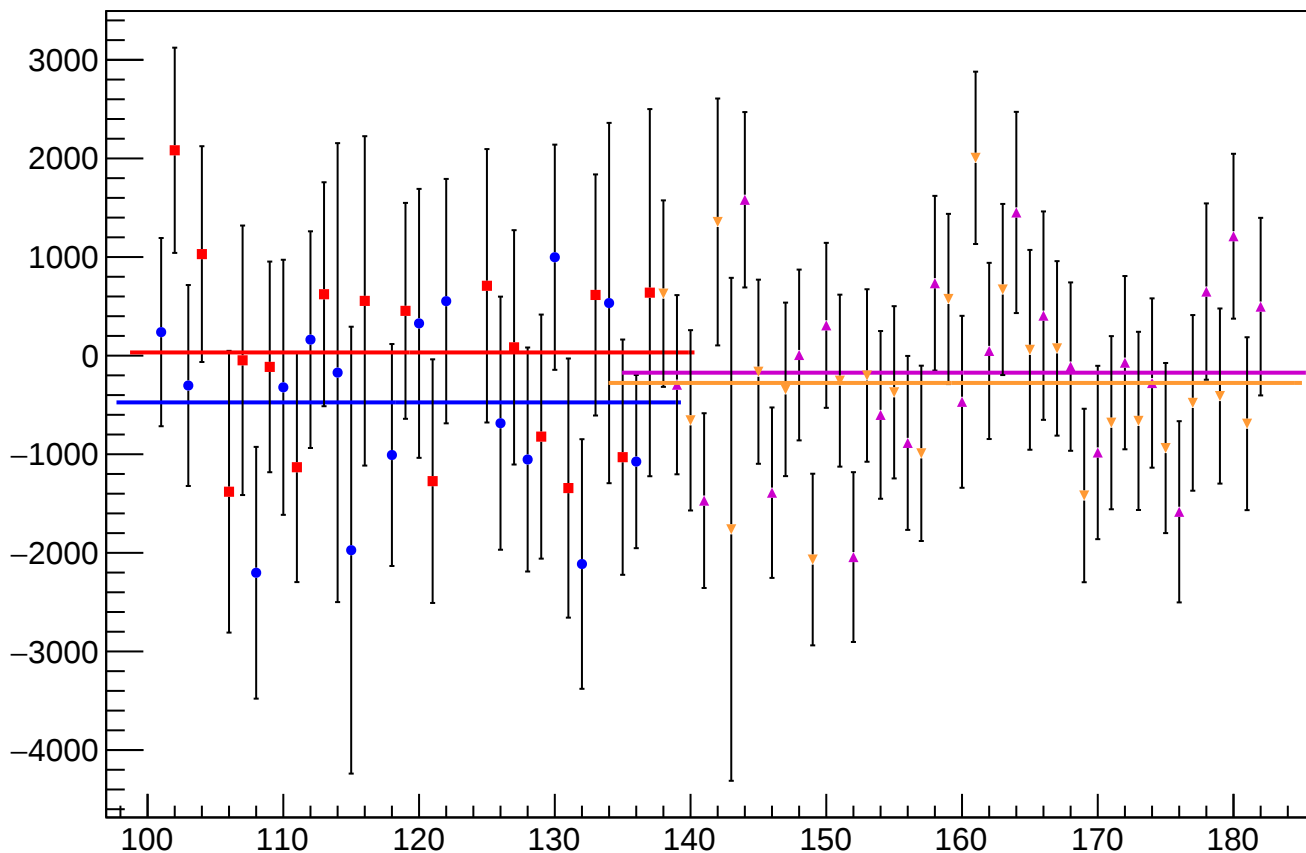
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1565.648 $\pm$ 0.229 χ^2 /NDF: 1198220.6/37

Out: 1609.572 $\pm$ 0.234 χ^2 /NDF: 1259703.8/39

All: 1587.183 $\pm$ 0.164 χ^2 /NDF: 2475925.0/77

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -276.723+/-191.463 χ^2/NDF :20.3/22

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

Left In: -172.901+/-189.054 χ^2/NDF :25.5/21

Left: -224.155+/-134.525 χ^2/NDF : 45.9/44

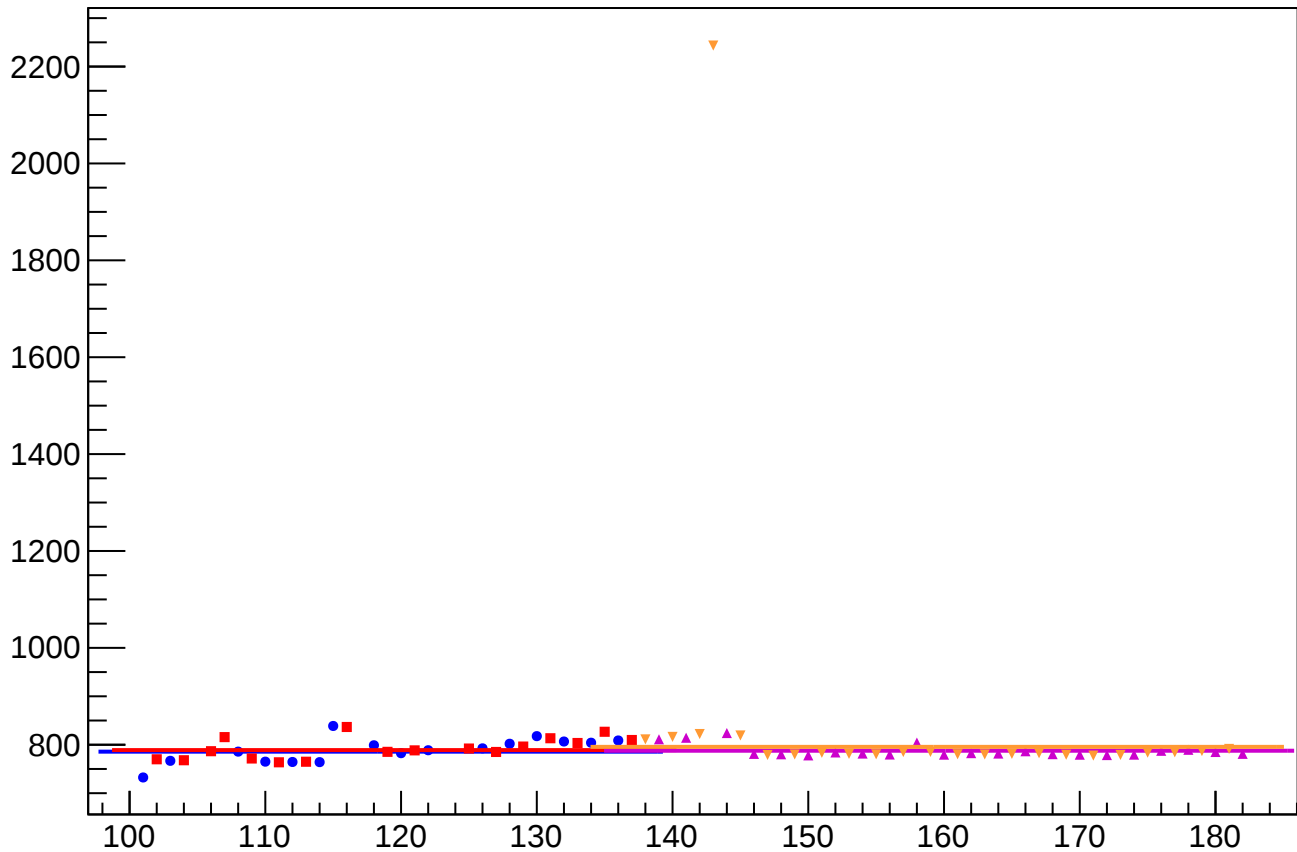
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -256.946+/-160.529 χ^2/NDF :35.0/37

Out: -187.074+/-161.334 χ^2/NDF :32.3/39

All: -222.185+/-113.795 χ^2/NDF : 67.4/77

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.630+/-0.135 χ^2/NDF : 656903.9/22

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

Left In: 787.651+/-0.134 χ^2/NDF : 9194.2/21

Left: 791.590+/-0.095 χ^2/NDF : 667857.0/44

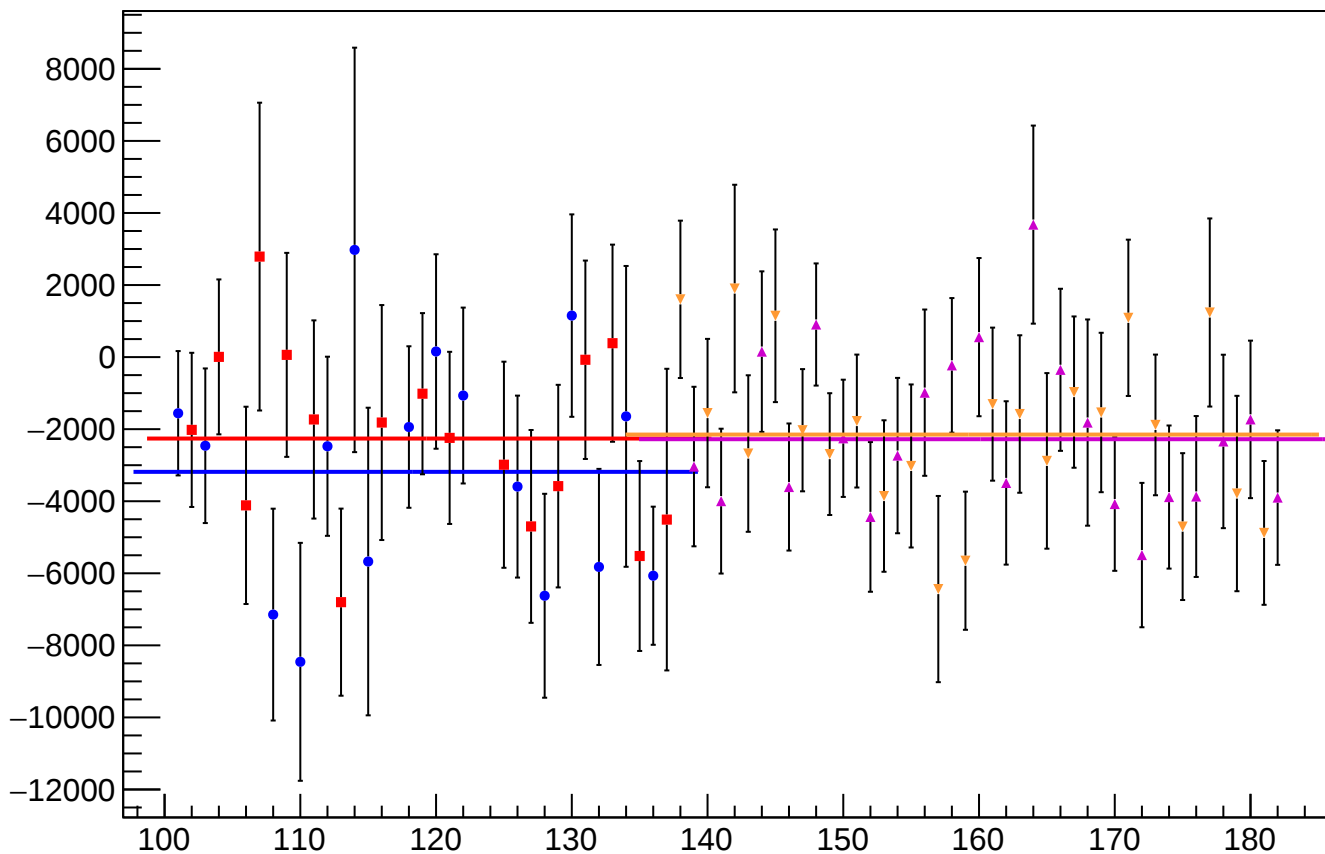
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 787.119+/-0.114 χ^2/NDF : 23172.3/37

Out: 793.690+/-0.114 χ^2/NDF : 667136.9/39

All: 790.388+/-0.080 χ^2/NDF : 691976.5/77

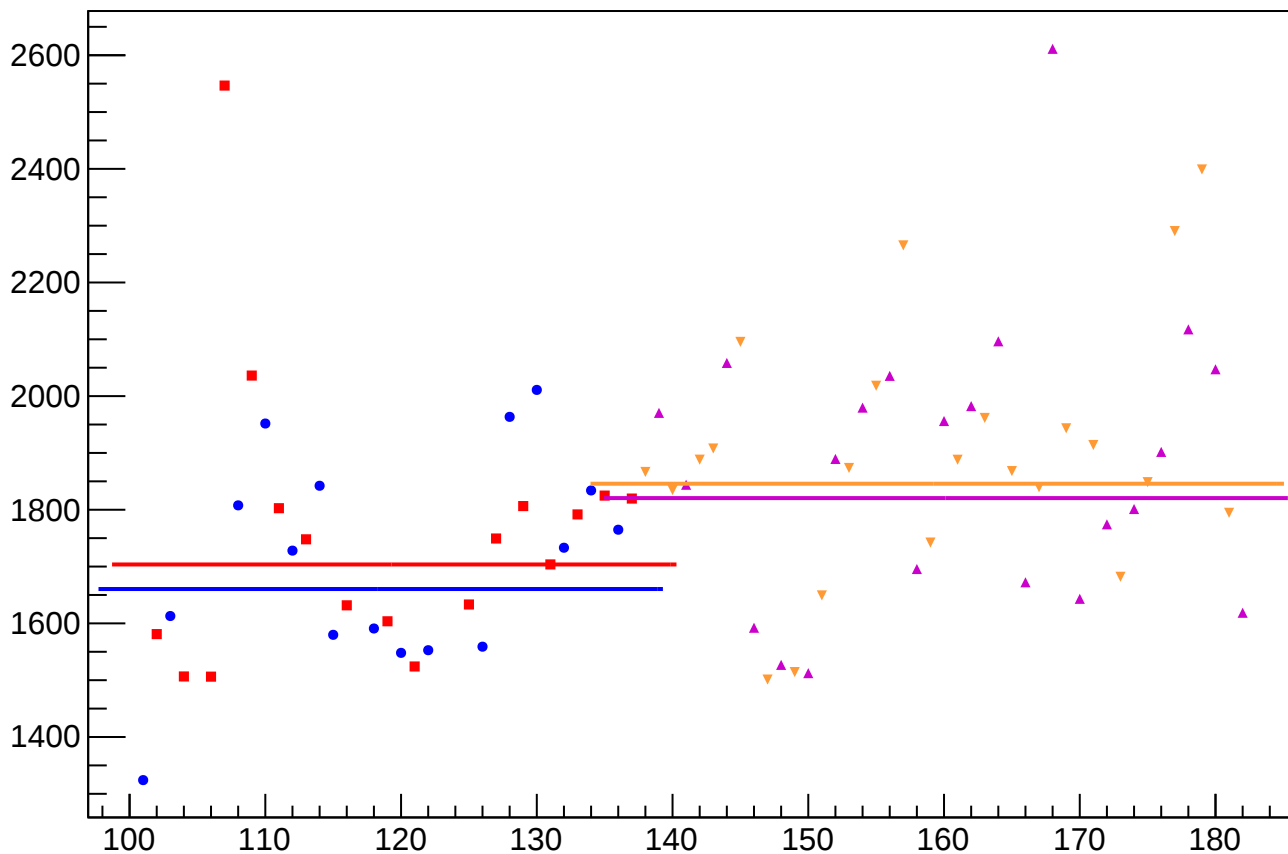
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 χ^2/NDF : 16.8/15
 Left Out: -2149.967 ± 444.219 χ^2/NDF : 22.5/22
 Right Out: -2260.241 ± 651.957 χ^2/NDF : 11.6/16
 Left In: -2278.807 ± 441.122 χ^2/NDF : 21.7/21

Left: -2214.837 ± 313.010 χ^2/NDF : 44.2/44
 Right: -2725.651 ± 459.370 χ^2/NDF : 29.4/32
 In: -2566.002 ± 364.536 χ^2/NDF : 39.8/37
 Out: -2184.930 ± 367.104 χ^2/NDF : 34.1/39
 All: -2376.804 ± 258.669 χ^2/NDF : 74.4/77

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1820.511 $\pm$ 0.312 χ^2/NDF : 533794.2/21

Left: 1833.077 $\pm$ 0.221 χ^2/NDF : 983007.9/44

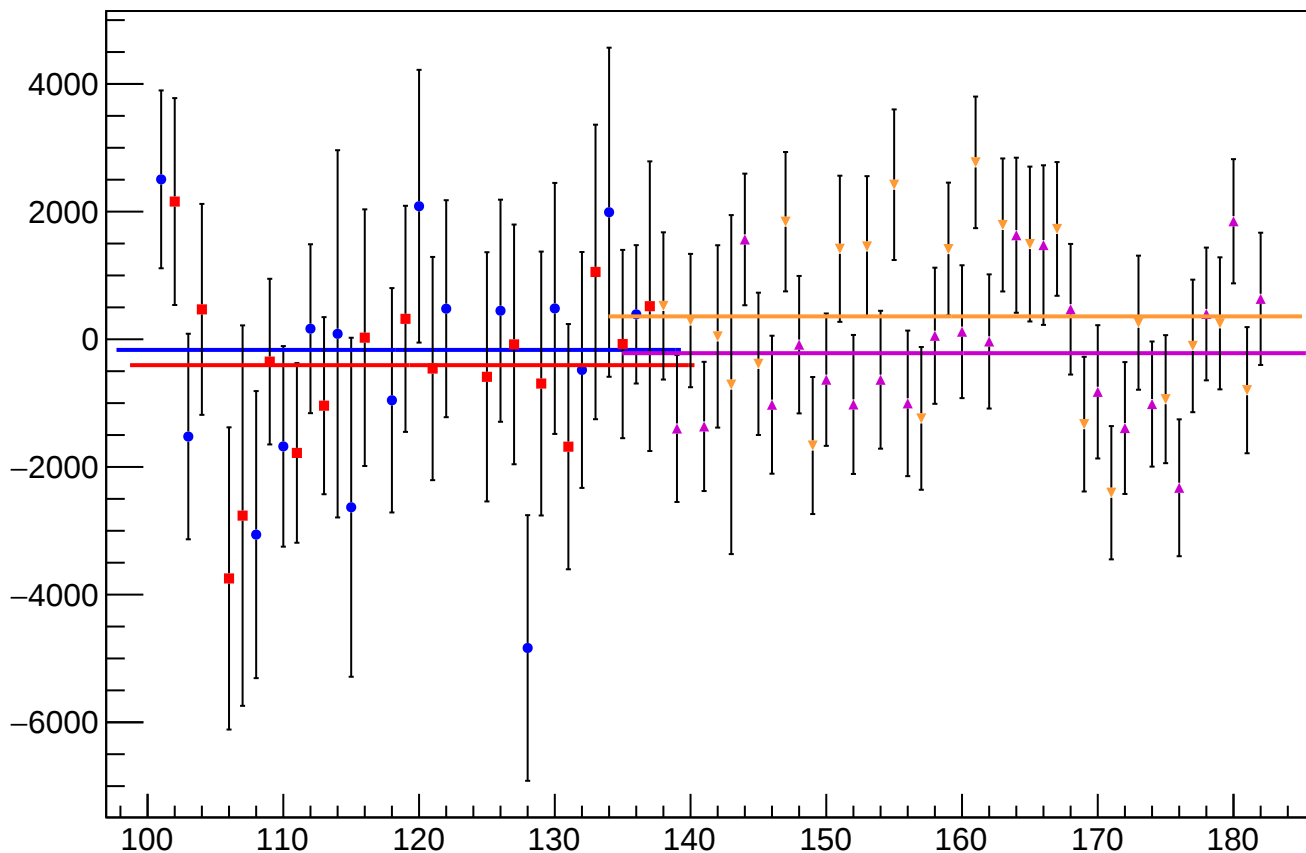
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1769.760 $\pm$ 0.258 χ^2/NDF : 796484.7/37

Out: 1800.754 $\pm$ 0.260 χ^2/NDF : 681895.9/39

All: 1785.148 $\pm$ 0.183 χ^2/NDF : 1485558.5/77

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -217.648 ± 226.752 χ^2/NDF : 23.7/21

Left: 66.447 ± 161.485 χ^2/NDF : 63.7/44

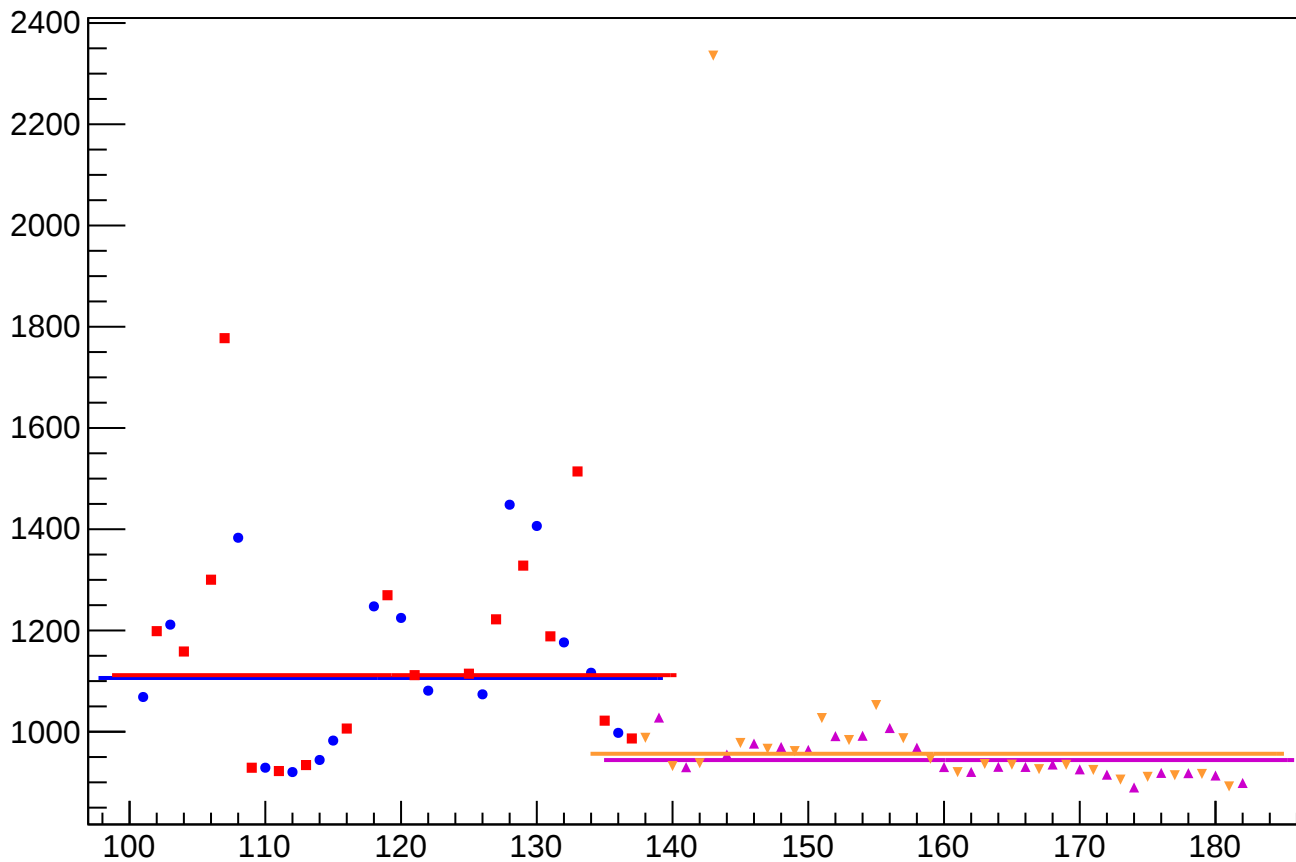
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -206.597 ± 200.843 χ^2/NDF : 39.3/37

Out: 187.950 ± 202.686 χ^2/NDF : 47.2/39

All: -11.126 ± 142.665 χ^2/NDF : 88.4/77

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 $\pm$ 0.306 χ^2 /NDF: 259917.7/15

Left Out: 956.451 $\pm$ 0.163 χ^2 /NDF: 599141.4/22

Right Out: 1111.726 $\pm$ 0.303 χ^2 /NDF: 356388.5/16

Left In: 944.011 $\pm$ 0.160 χ^2 /NDF: 48296.1/21

Left: 950.142 $\pm$ 0.114 χ^2 /NDF: 650404.0/44

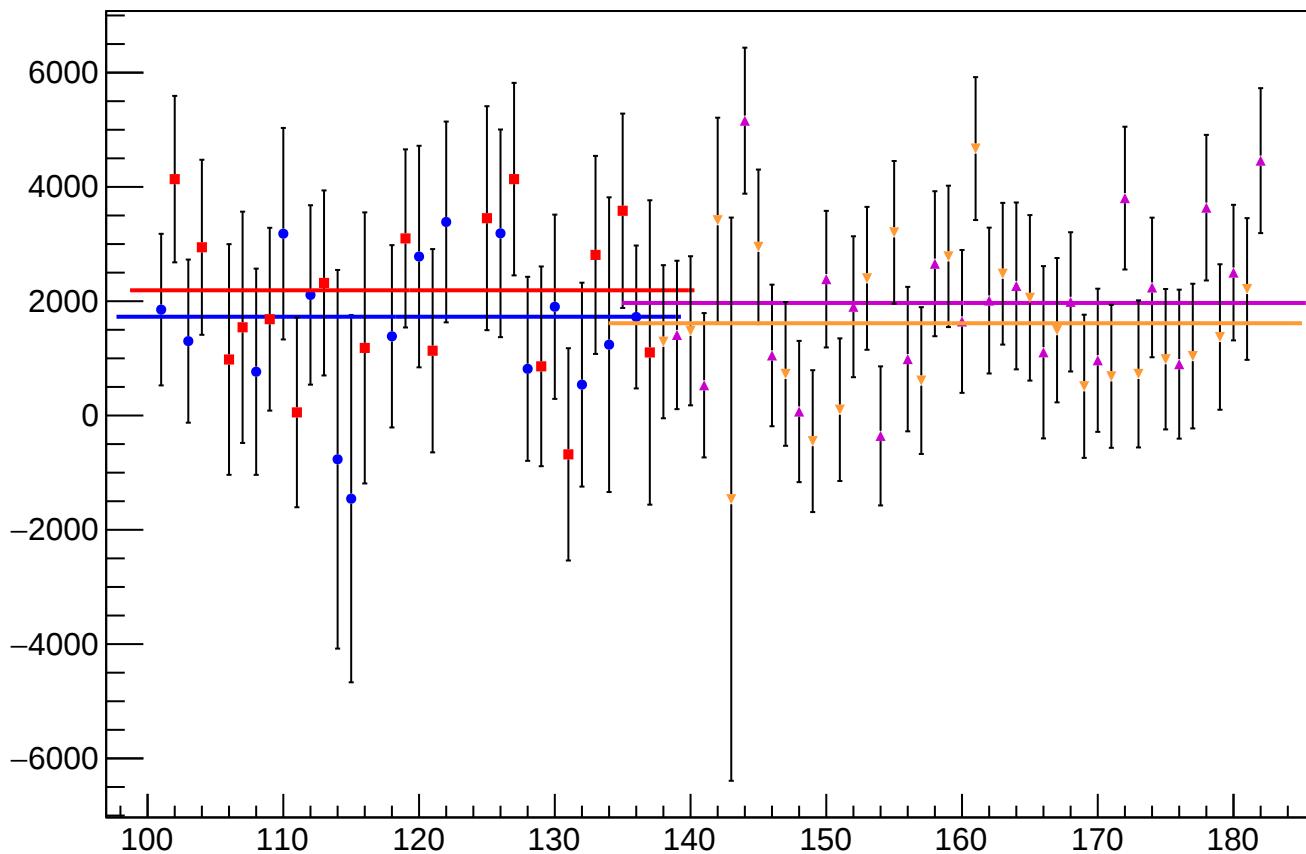
Right: 1108.969 $\pm$ 0.215 χ^2 /NDF: 616473.4/32

In: 978.949 $\pm$ 0.142 χ^2 /NDF: 528572.4/37

Out: 991.173 $\pm$ 0.143 χ^2 /NDF: 1159312.6/39

All: 985.005 $\pm$ 0.101 χ^2 /NDF: 1691556.0/77

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1969.405 $\pm$ 269.749 χ^2 /NDF:25.0/21

Left: 1794.801 $\pm$ 192.166 χ^2 /NDF: 45.7/44

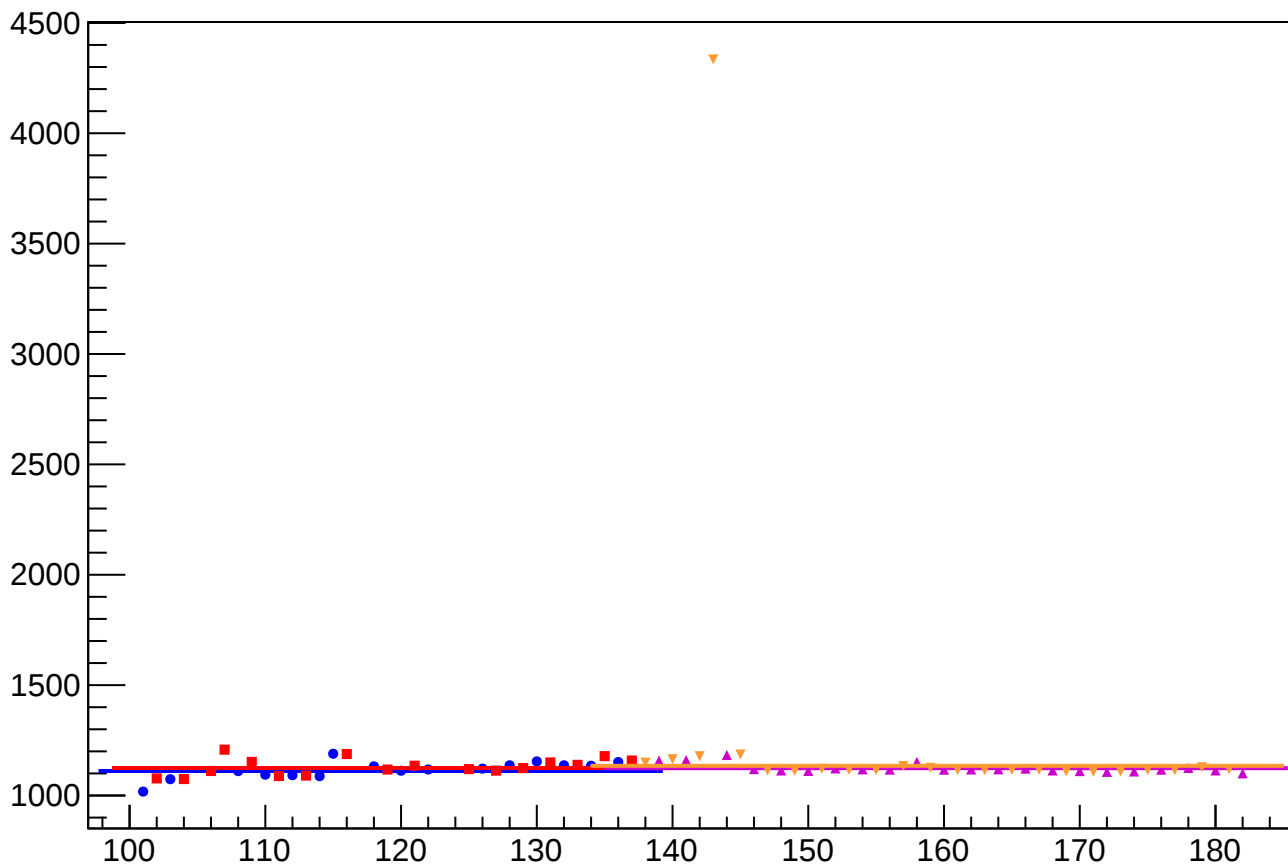
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1901.319 $\pm$ 228.478 χ^2 /NDF:30.6/37

Out: 1782.630 $\pm$ 230.536 χ^2 /NDF:31.9/39

All: 1842.506 $\pm$ 162.281 χ^2 /NDF: 62.6/77

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

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

Left In: 1123.781 $\pm$ 0.191 χ^2 /NDF: 10975.7/21

Left: 1129.081 $\pm$ 0.136 χ^2 /NDF: 869056.1/44

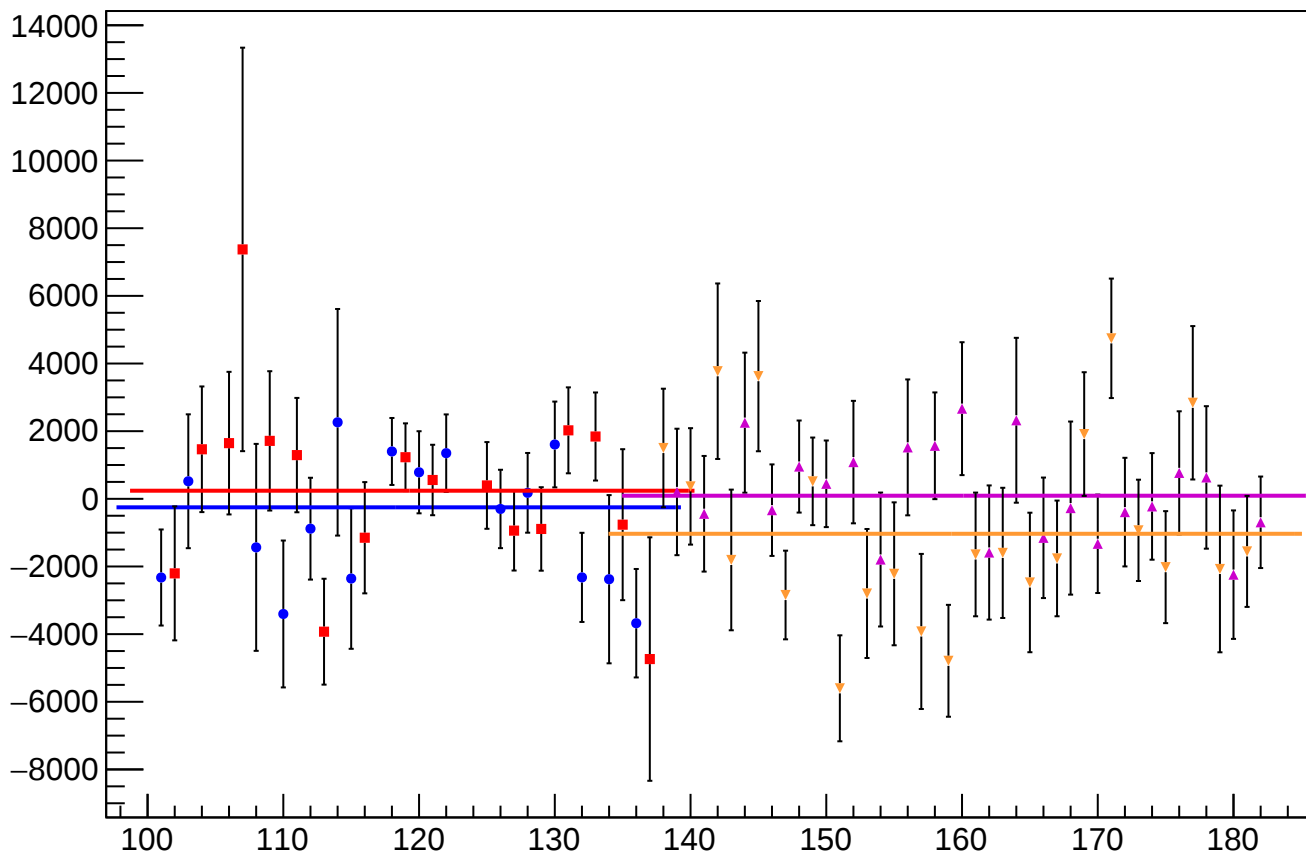
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1120.181 $\pm$ 0.162 χ^2 /NDF: 30327.2/37

Out: 1131.623 $\pm$ 0.163 χ^2 /NDF: 871894.4/39

All: 1125.851 $\pm$ 0.115 χ^2 /NDF: 904706.9/77

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 91.920+/-364.369 χ^2/NDF : 11.3/21

Left: -457.803+/-260.591 χ^2/NDF : 64.1/44

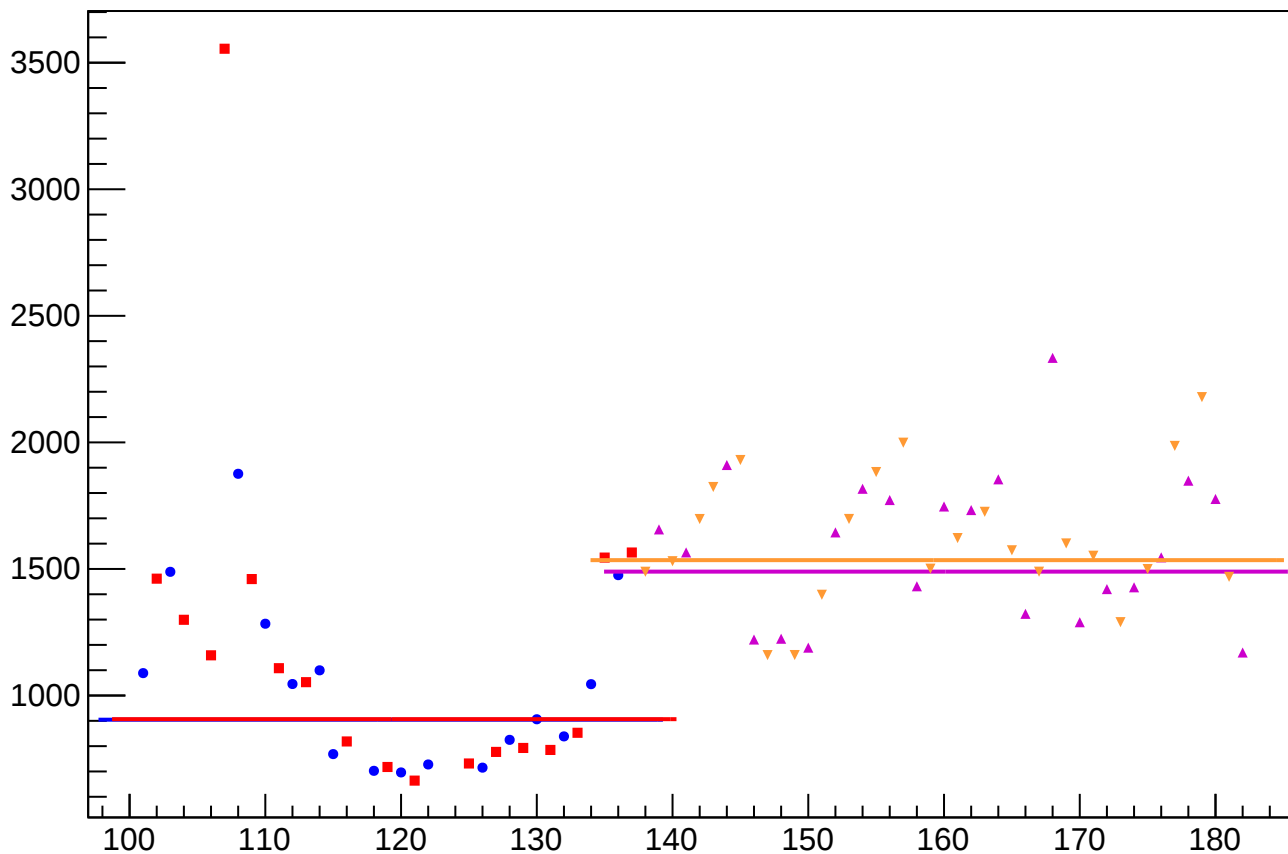
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -79.430+/-257.853 χ^2/NDF : 33.5/37

Out: -381.210+/-260.398 χ^2/NDF : 75.3/39

All: -228.838+/-183.223 χ^2/NDF : 109.5/77

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1534.796+/-0.264 χ^2/NDF : 912333.1/22

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

Left In: 1489.457+/-0.258 χ^2/NDF : 1085497.3/21

Left: 1511.606+/-0.184 χ^2/NDF : 2012957.5/44

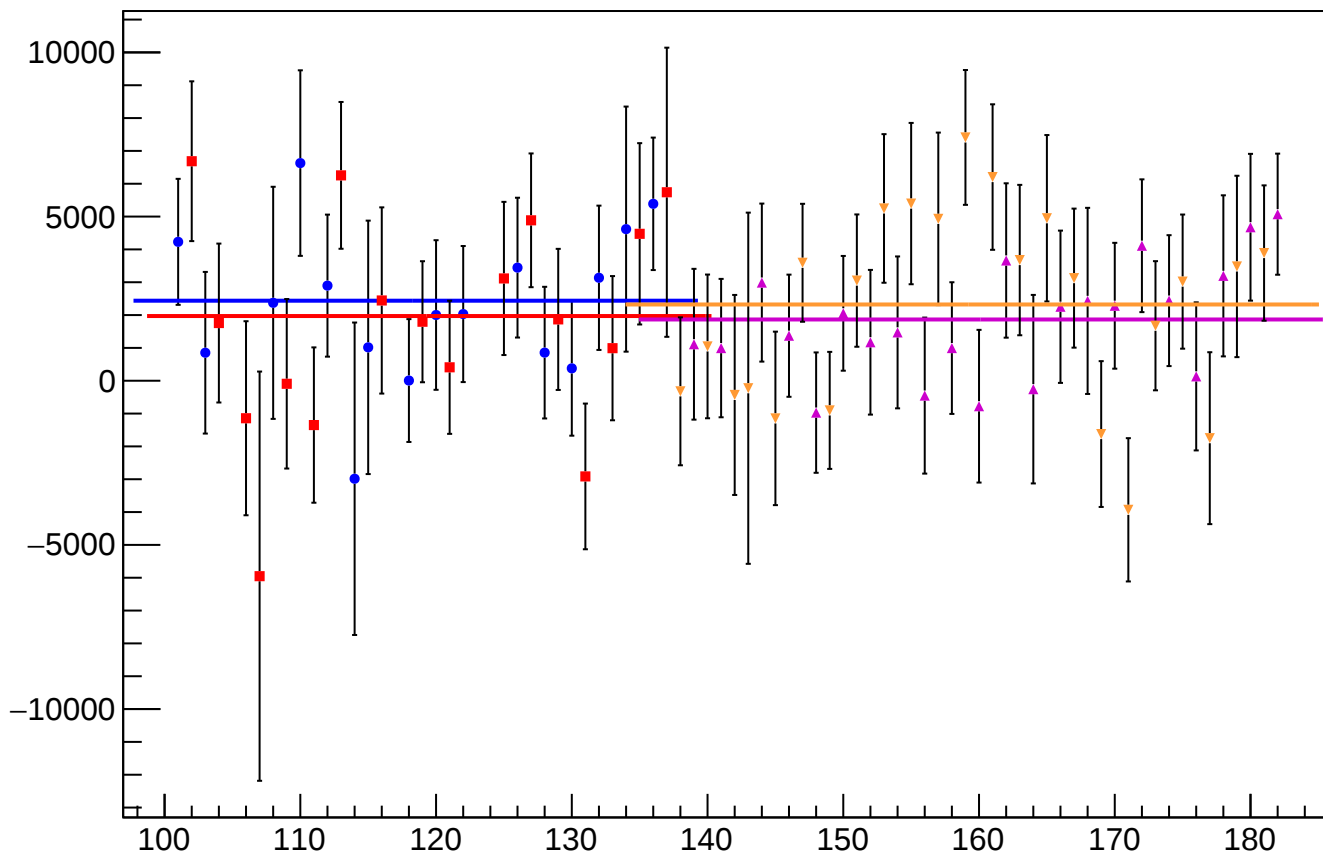
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1197.439+/-0.182 χ^2/NDF : 4679885.4/37

Out: 1213.023+/-0.184 χ^2/NDF : 5196673.3/39

All: 1205.155+/-0.130 χ^2/NDF : 9880175.3/77

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 2322.431+/-471.285 χ^2/NDF : 38.2/22

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1865.658+/-459.157 χ^2/NDF : 13.6/21

Left: 2088.091+/-328.877 χ^2/NDF : 52.2/44

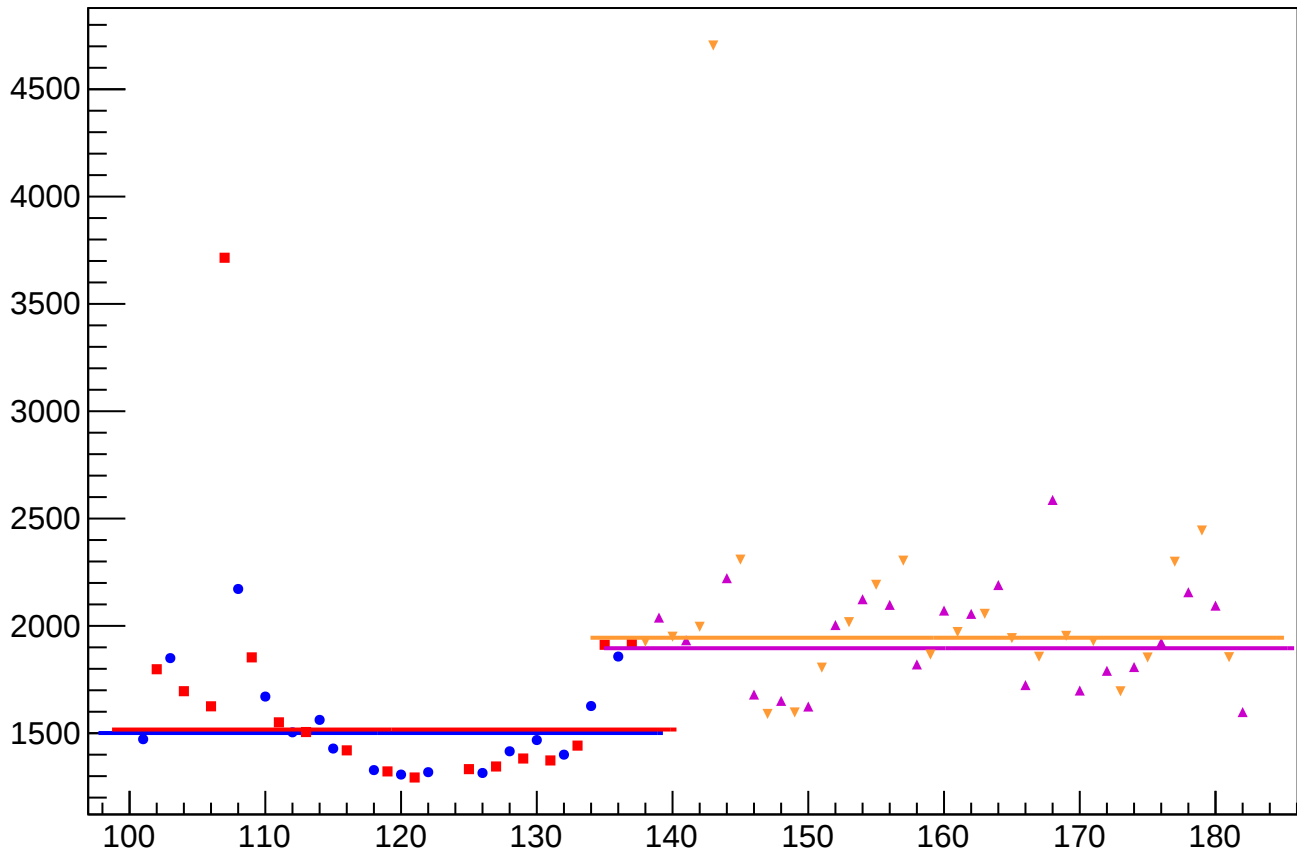
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 2083.083+/-361.478 χ^2/NDF : 25.3/37

Out: 2184.374+/-367.414 χ^2/NDF : 60.7/39

All: 2132.904+/-257.677 χ^2/NDF : 86.1/77

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 $\pm$ 0.415 χ^2/NDF : 256227.7/15

Left Out: 1944.811 $\pm$ 0.333 χ^2/NDF : 948261.0/22

Right Out: 1517.120 $\pm$ 0.415 χ^2/NDF : 475046.3/16

Left In: 1895.974 $\pm$ 0.325 χ^2/NDF : 490306.7/21

Left: 1919.756 $\pm$ 0.233 χ^2/NDF : 1449585.8/44

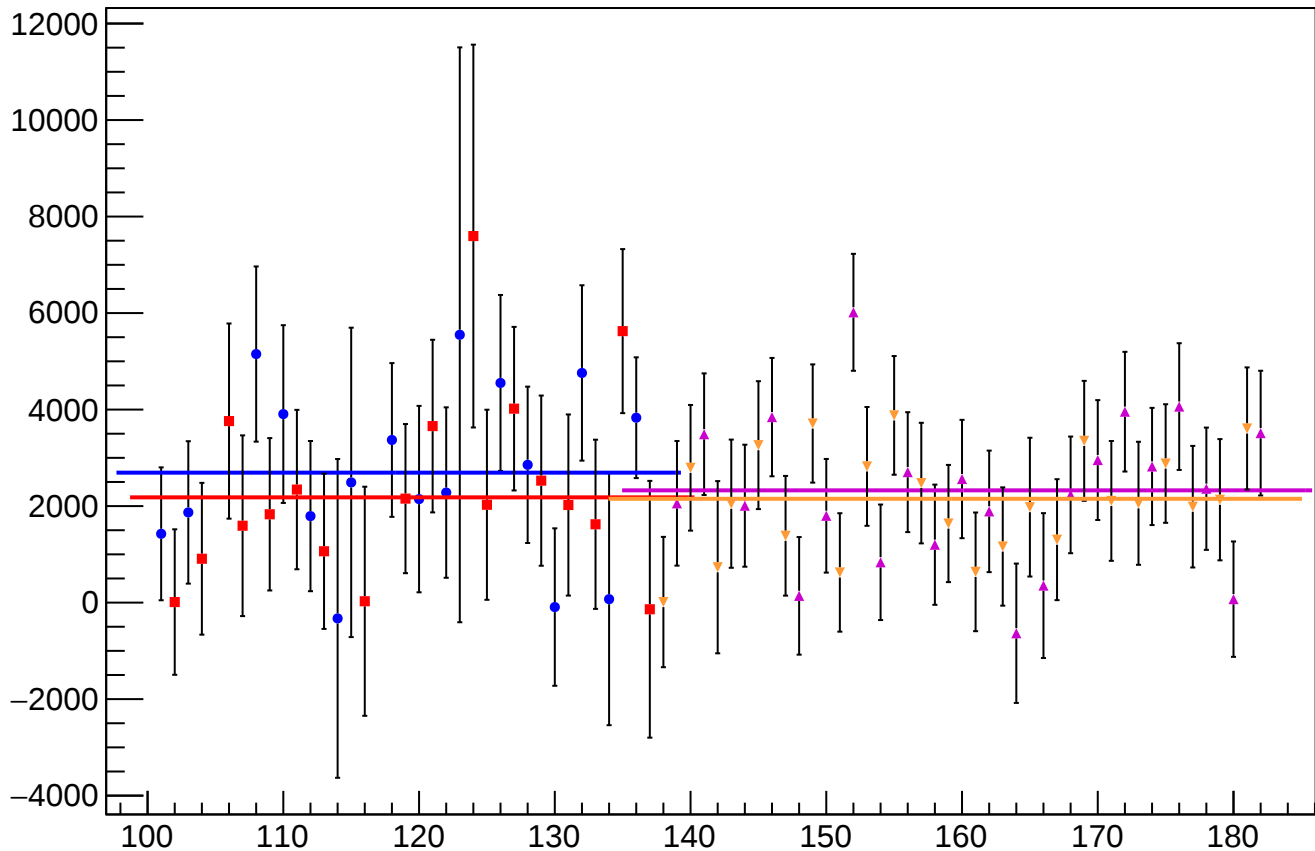
Right: 1508.969 $\pm$ 0.293 χ^2/NDF : 732045.6/32

In: 1745.735 $\pm$ 0.256 χ^2/NDF : 1309714.6/37

Out: 1777.061 $\pm$ 0.260 χ^2/NDF : 2069343.9/39

All: 1761.143 $\pm$ 0.182 χ^2/NDF : 3386446.1/77

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2326.382 $\pm$ 267.569 χ^2 /NDF:32.0/21

Left: 2238.350 $\pm$ 188.695 χ^2 /NDF: 47.7/44

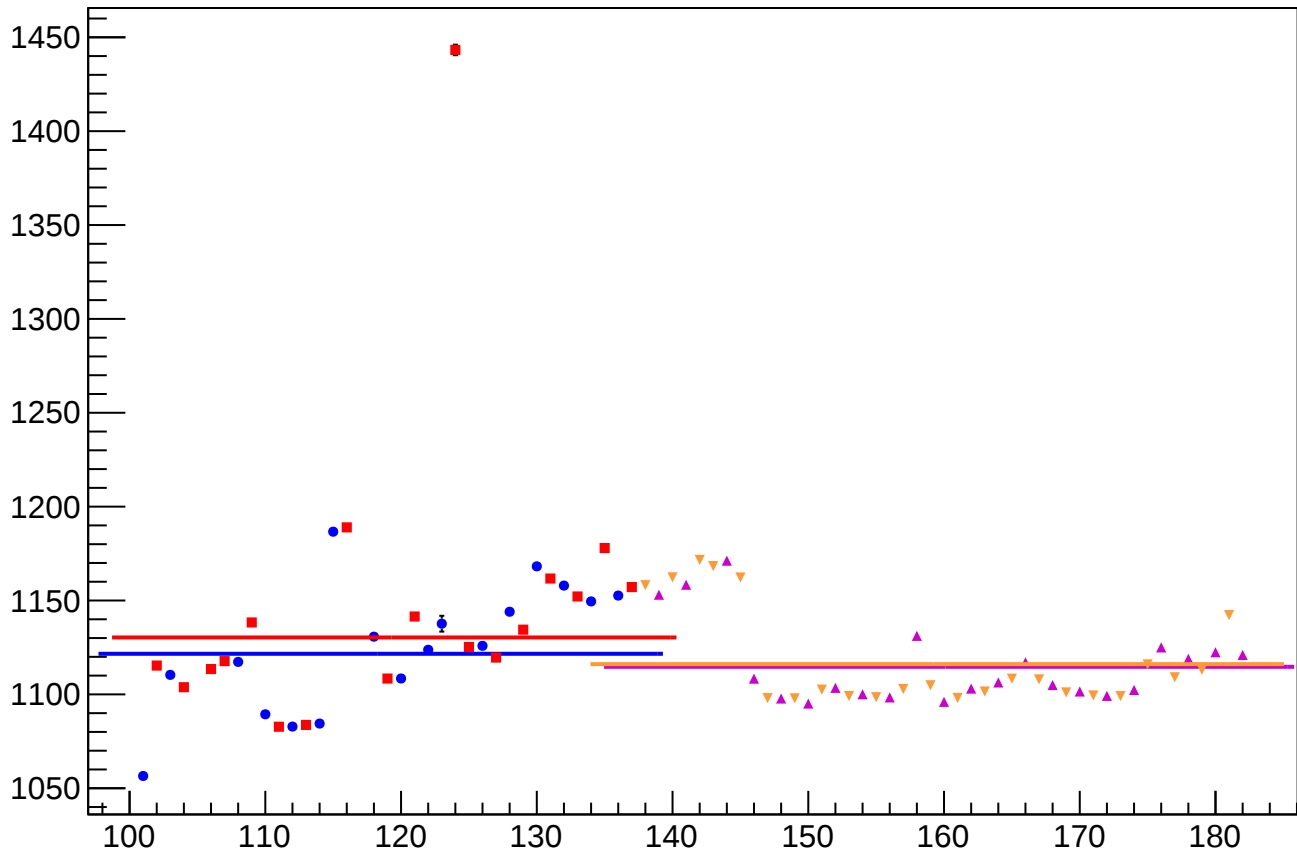
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2427.821 $\pm$ 227.561 χ^2 /NDF:44.8/38

Out: 2159.613 $\pm$ 225.635 χ^2 /NDF:29.0/40

All: 2292.577 $\pm$ 160.225 χ^2 /NDF: 74.5/79

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1116.114 $\pm$ 0.188 χ^2/NDF :17005.8/22

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

Left In: 1114.690 $\pm$ 0.189 χ^2/NDF :12185.0/21

Left: 1115.406 $\pm$ 0.133 χ^2/NDF : 29219.3/44

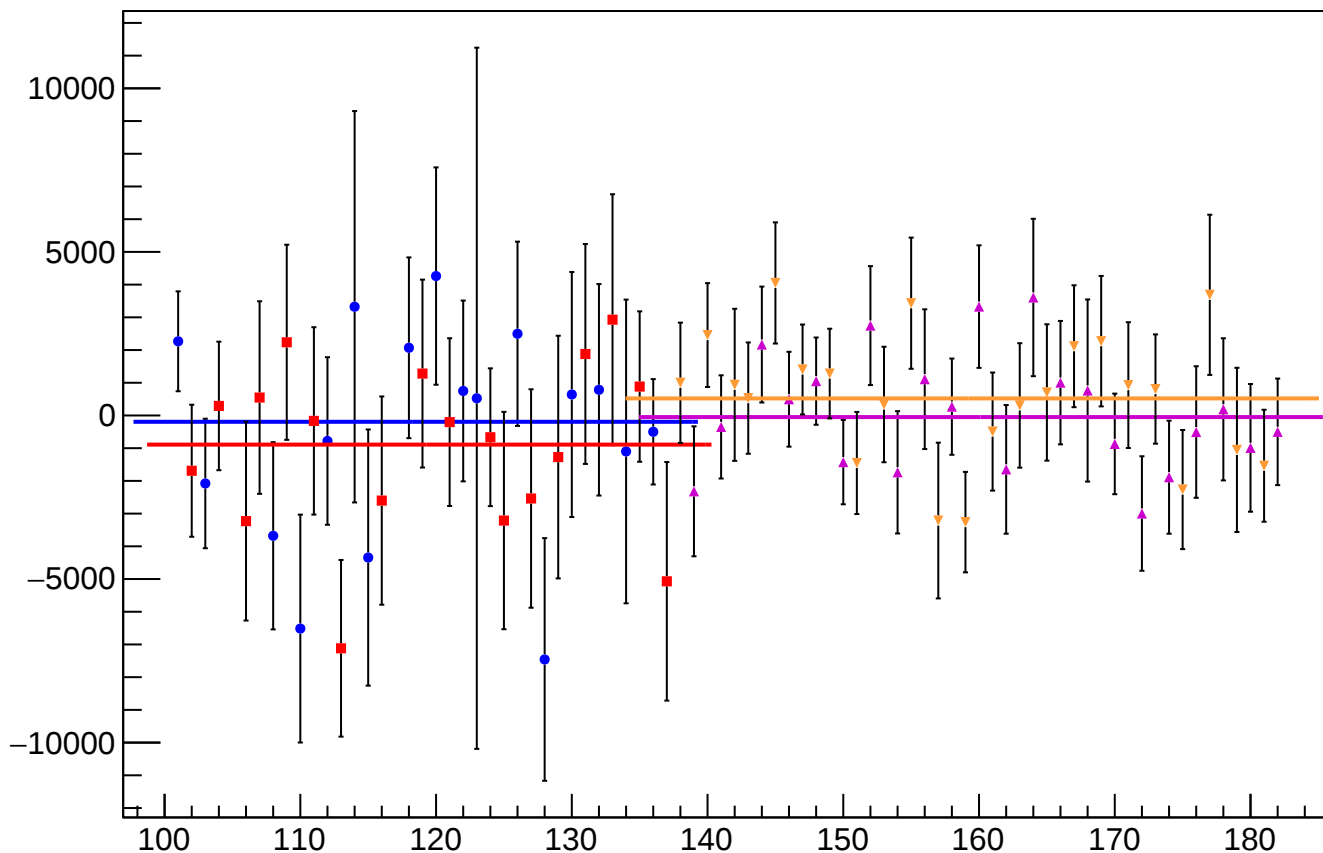
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1116.609 $\pm$ 0.161 χ^2/NDF :24537.2/38

Out: 1120.108 $\pm$ 0.160 χ^2/NDF :39883.7/40

All: 1118.374 $\pm$ 0.113 χ^2/NDF : 64659.4/79

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -49.070+/-372.895 χ^2/NDF : 19.6/21

Left: 234.528+/-264.440 χ^2/NDF : 46.7/44

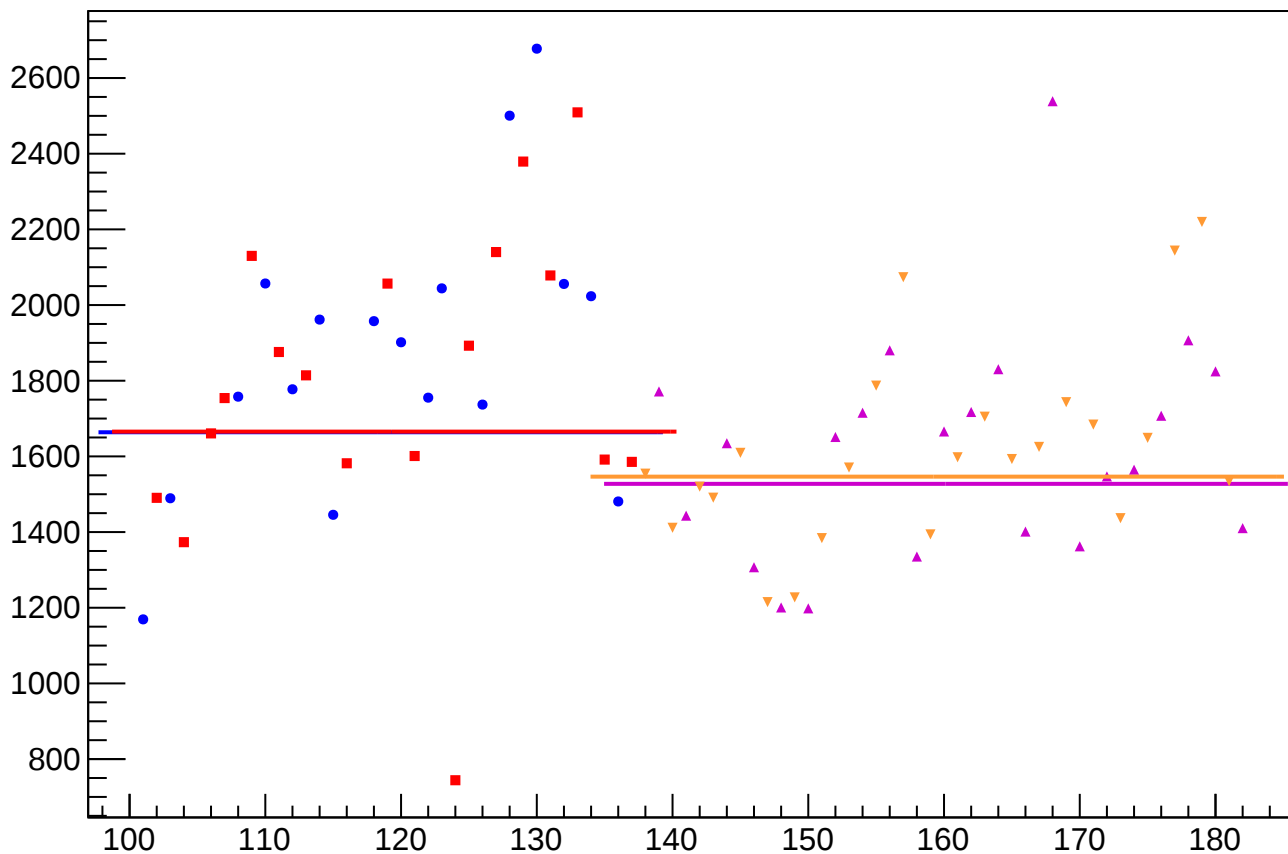
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -83.949+/-324.703 χ^2/NDF : 37.0/38

Out: 168.128+/-324.787 χ^2/NDF : 42.6/40

All: 42.057+/-229.629 χ^2/NDF : 79.9/79

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1546.493+/-0.265 χ^2/NDF : 740475.7/22

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

Left In: 1527.435+/-0.264 χ^2/NDF : 949929.5/21

Left: 1536.909+/-0.187 χ^2/NDF : 1693001.9/44

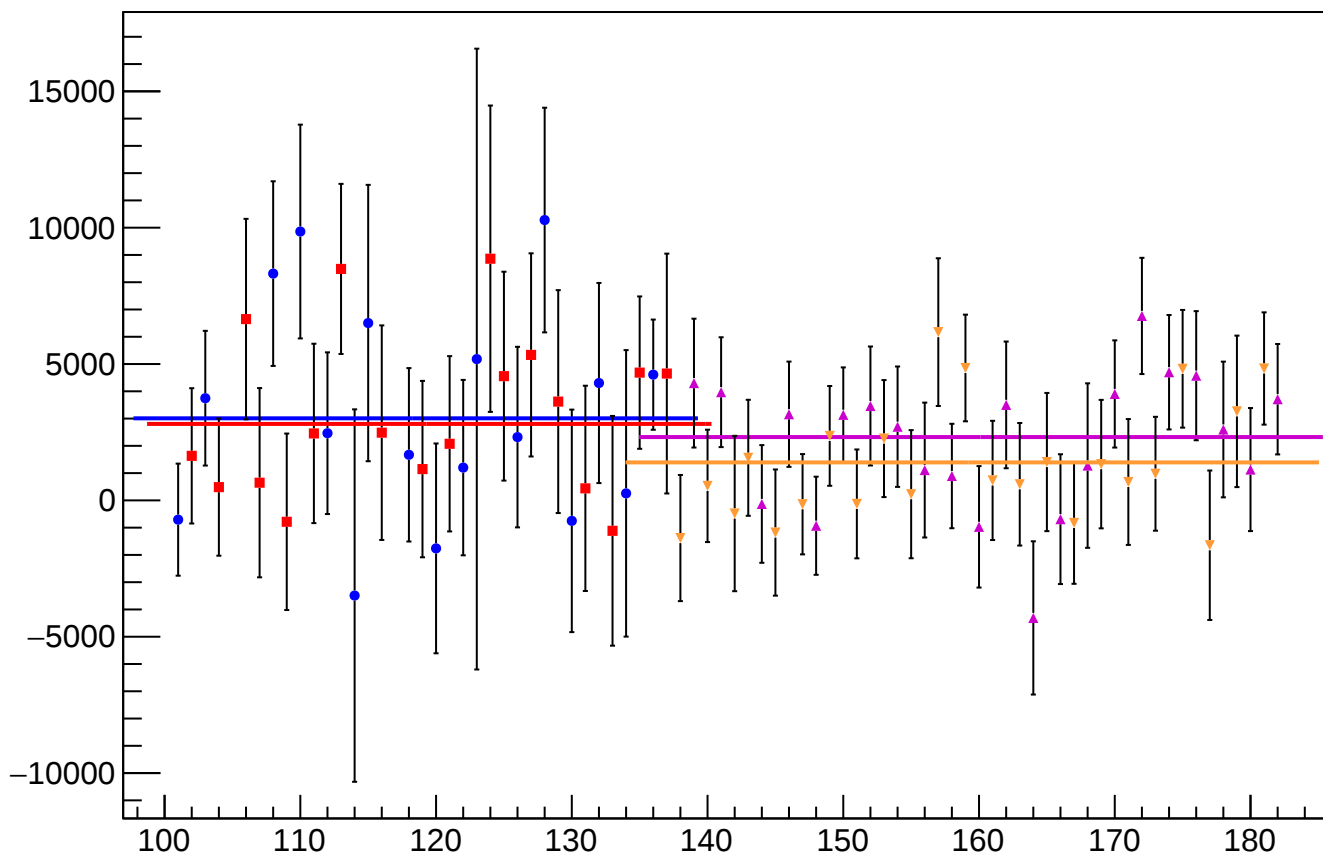
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1560.400+/-0.230 χ^2/NDF : 1637052.6/38

Out: 1576.252+/-0.230 χ^2/NDF : 1593604.3/40

All: 1568.324+/-0.162 χ^2/NDF : 3233039.5/79

asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2321.891+/-461.907 χ^2/NDF : 25.1/21

Left: 1858.162+/-326.919 χ^2/NDF : 47.0/44

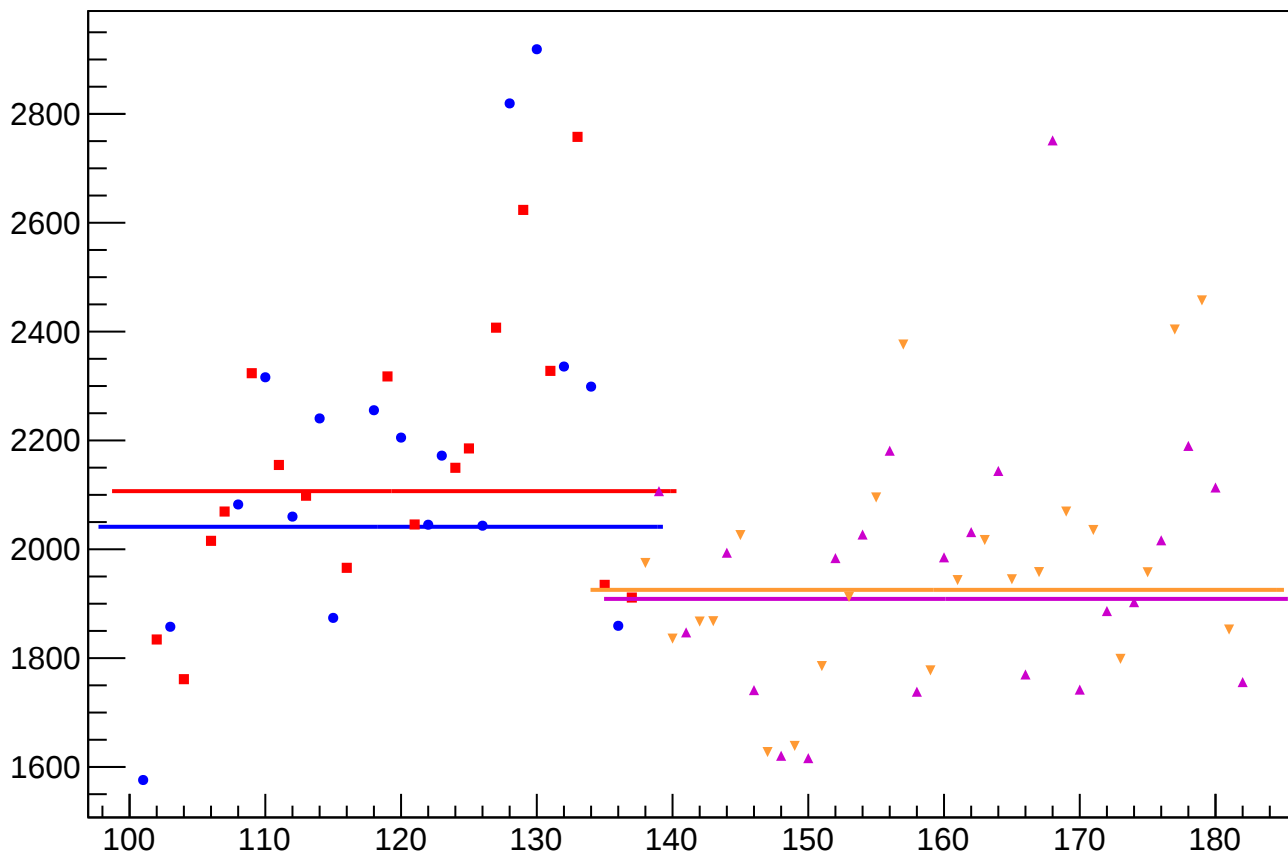
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2493.844+/-399.974 χ^2/NDF : 43.0/38

Out: 1746.812+/-400.520 χ^2/NDF : 33.4/40

All: 2120.838+/-283.017 χ^2/NDF : 78.2/79

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1925.459+/-0.327 χ^2/NDF : 360296.4/22

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

Left In: 1908.831+/-0.327 χ^2/NDF : 447261.8/21

Left: 1917.130+/-0.231 χ^2/NDF : 808851.7/44

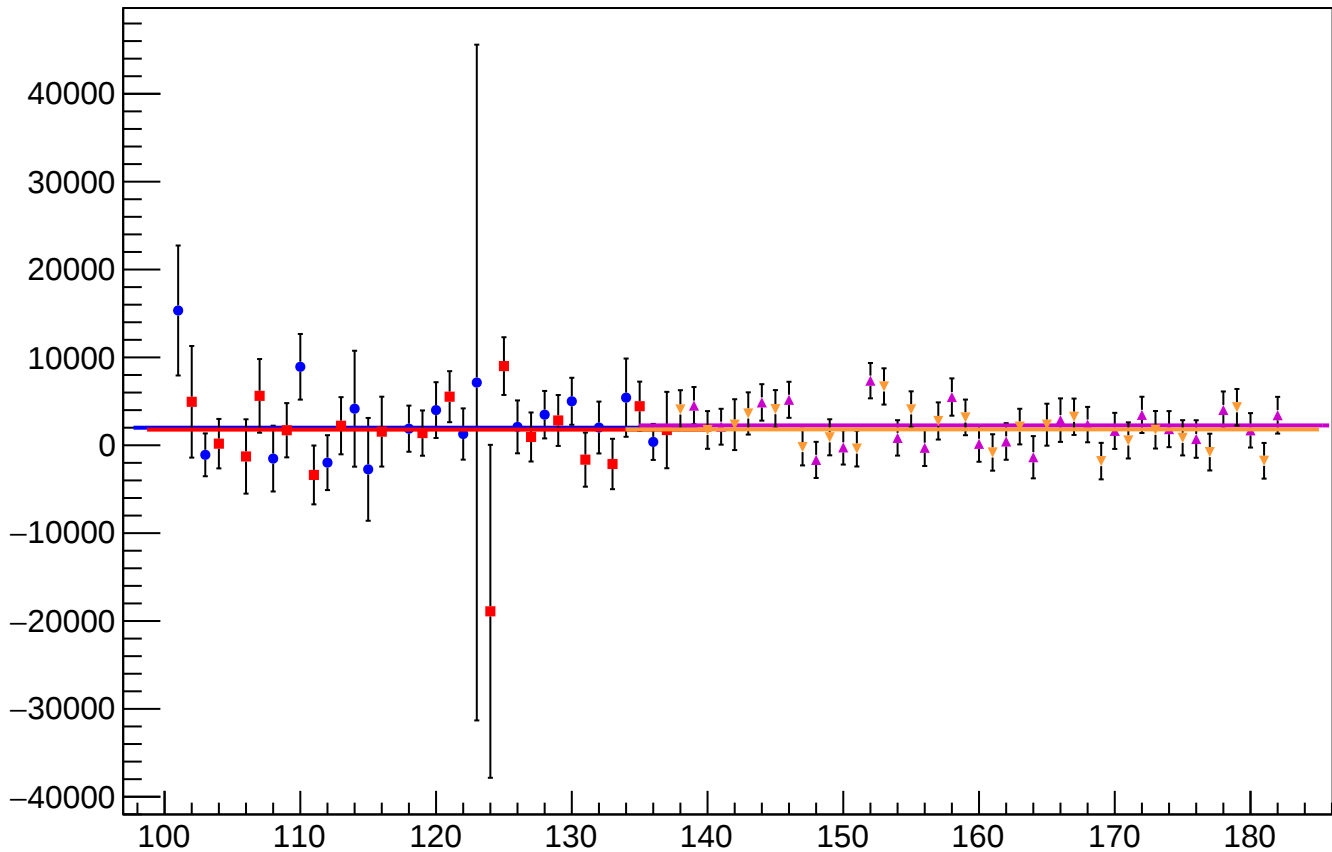
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1941.985+/-0.283 χ^2/NDF : 826882.9/38

Out: 1970.970+/-0.283 χ^2/NDF : 634114.0/40

All: 1956.458+/-0.200 χ^2/NDF : 1466241.2/79

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2259.825+/-443.810 χ^2/NDF : 27.0/21

Left: 2034.103+/-313.438 χ^2/NDF : 52.0/44

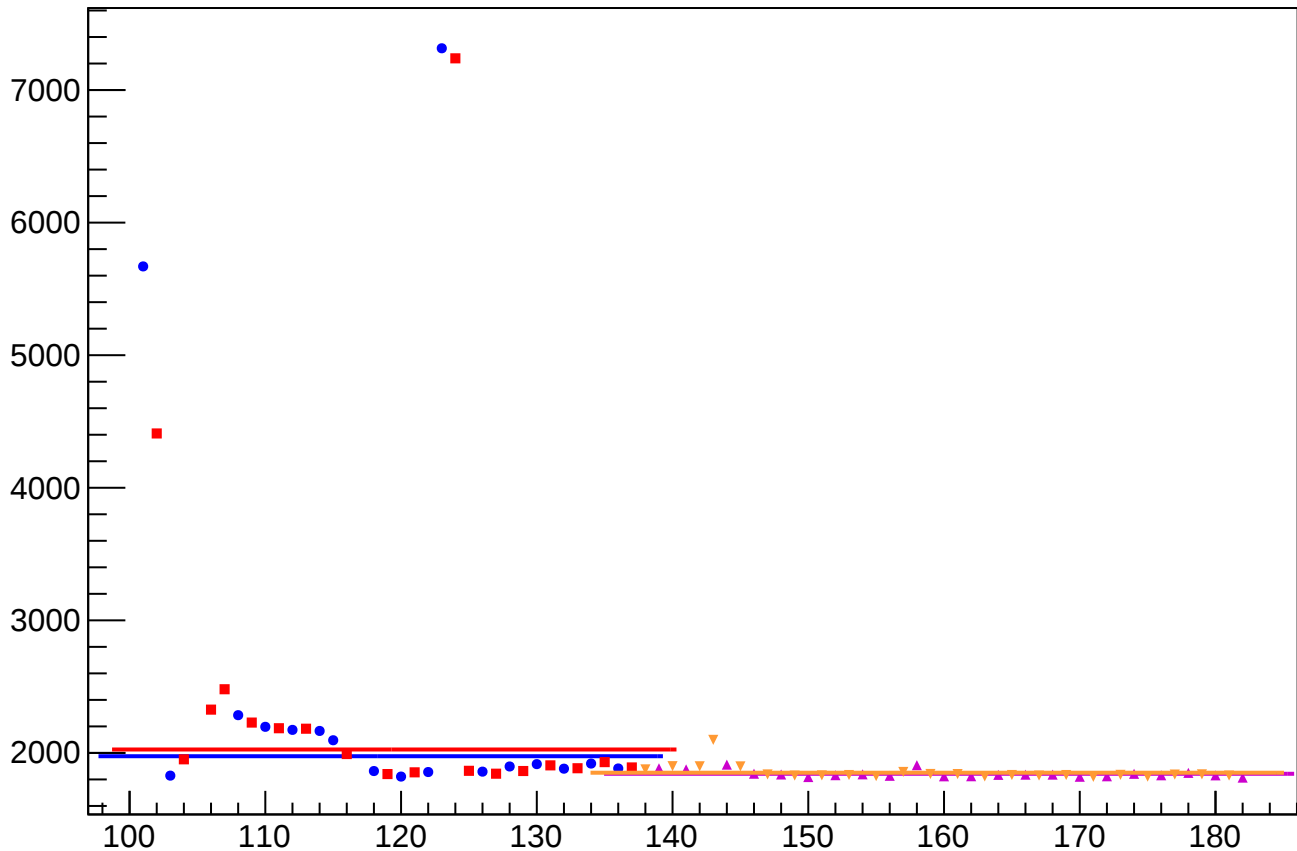
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2196.453+/-385.935 χ^2/NDF : 41.9/38

Out: 1802.765+/-385.250 χ^2/NDF : 40.7/40

All: 1999.259+/-272.655 χ^2/NDF : 83.2/79

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109 $\pm$ 0.553 χ^2/NDF : 599831.6/16

Left Out: 1850.693 $\pm$ 0.313 χ^2/NDF : 27393.1/22

Right Out: 2025.871 $\pm$ 0.553 χ^2/NDF : 535385.1/17

Left In: 1842.656 $\pm$ 0.314 χ^2/NDF : 7180.2/21

Left: 1846.684 $\pm$ 0.222 χ^2/NDF : 34901.9/44

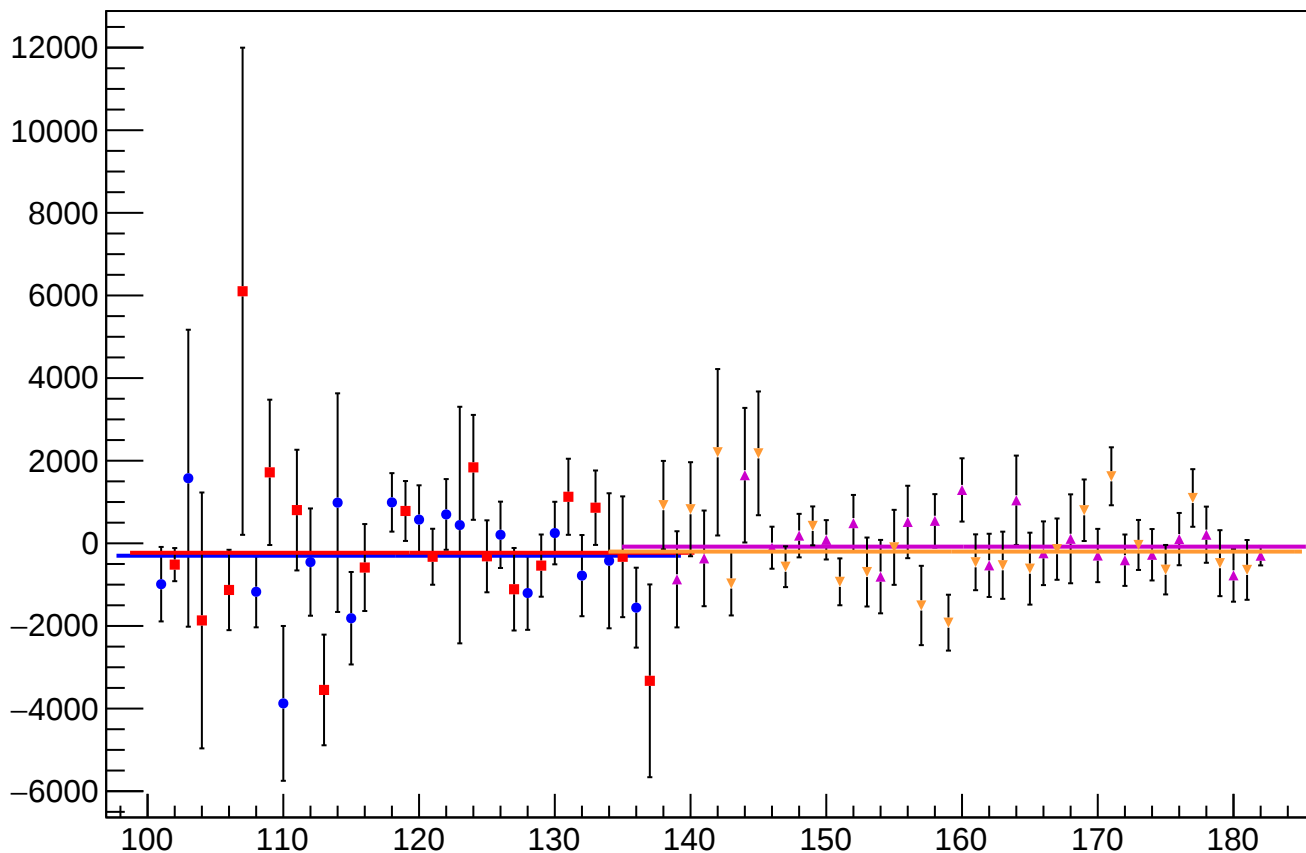
Right: 2000.483 $\pm$ 0.391 χ^2/NDF : 1139433.4/34

In: 1874.949 $\pm$ 0.273 χ^2/NDF : 650443.1/38

Out: 1893.226 $\pm$ 0.272 χ^2/NDF : 638805.6/40

All: 1884.104 $\pm$ 0.193 χ^2/NDF : 1291495.5/79

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -228.794+/-215.624 χ^2/NDF : 21.8/17

Left In: -80.171+/-128.639 χ^2/NDF : 12.3/21

Left: -130.124+/-98.155 χ^2/NDF : 45.8/44

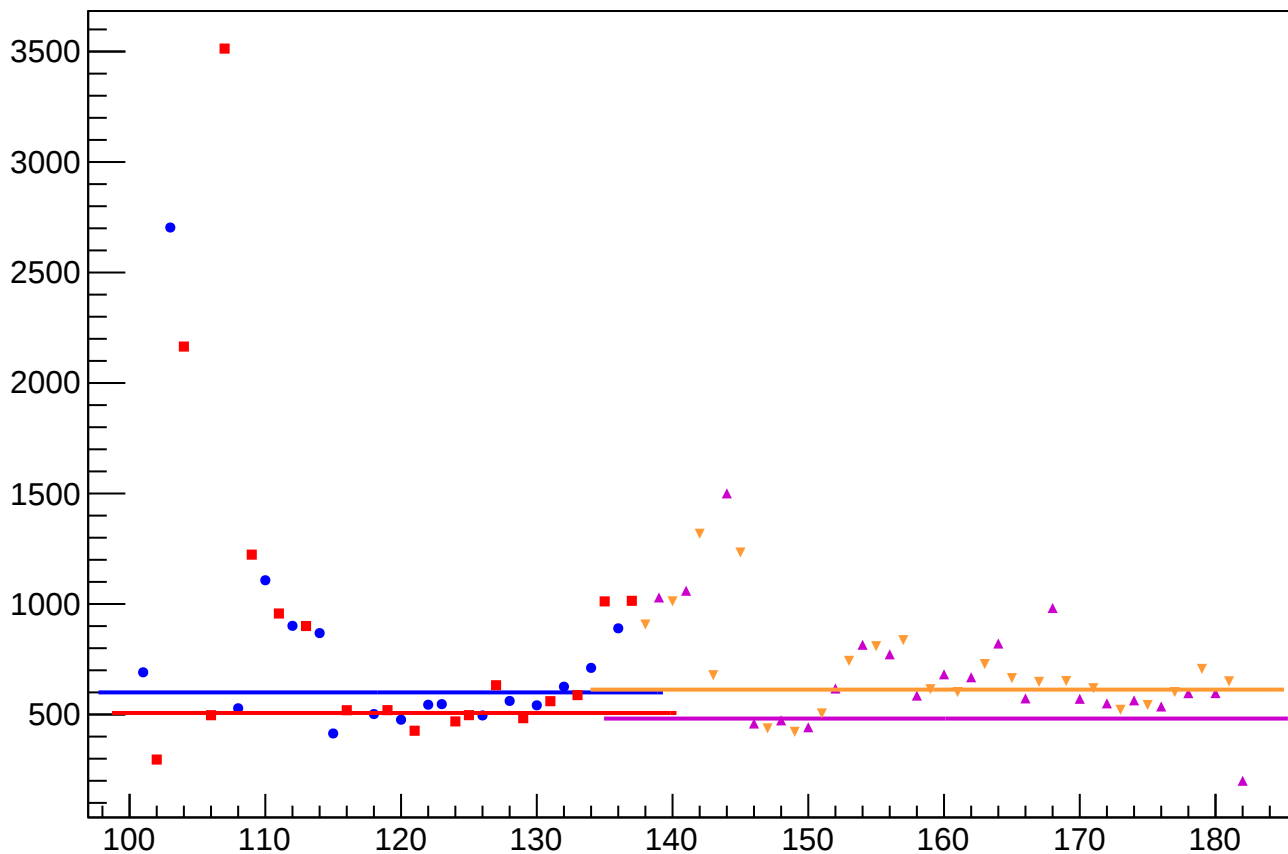
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -127.188+/-114.055 χ^2/NDF : 30.3/38

Out: -209.368+/-124.156 χ^2/NDF : 54.9/40

All: -164.800+/-83.993 χ^2/NDF : 85.5/79

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 612.560 $\pm$ 0.107 χ^2 /NDF: 2068745.6/22

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

Left In: 481.561 $\pm$ 0.091 χ^2 /NDF: 6389622.5/21

Left: 536.292 $\pm$ 0.069 χ^2 /NDF: 9324901.9/44

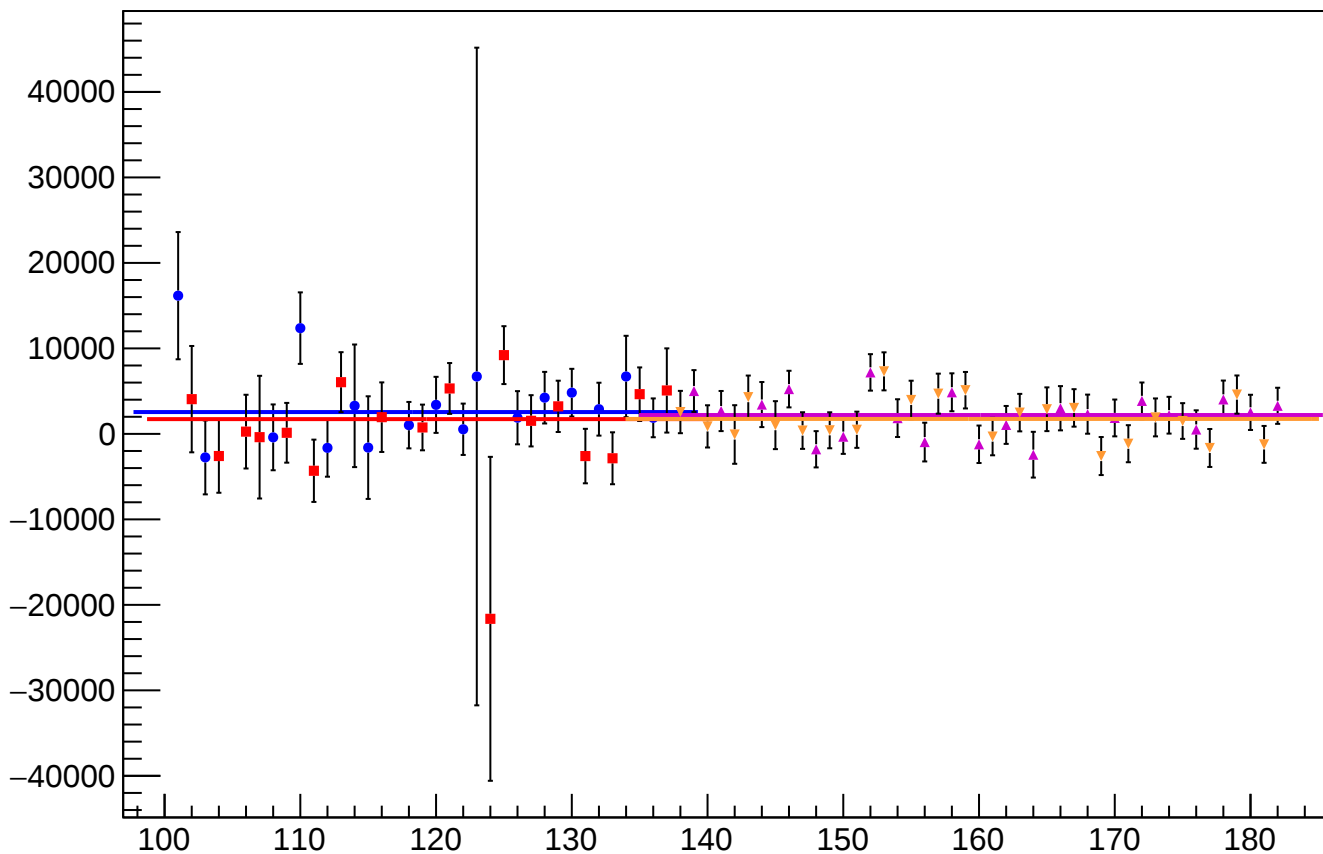
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 506.884 $\pm$ 0.081 χ^2 /NDF: 8133017.7/38

Out: 577.521 $\pm$ 0.088 χ^2 /NDF: 5150777.3/40

All: 539.213 $\pm$ 0.059 χ^2 /NDF: 13634892.6/79

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2205.894 $\pm$ 476.405 χ^2 /NDF:25.6/21

Left: 1977.188 $\pm$ 336.842 χ^2 /NDF: 53.1/44

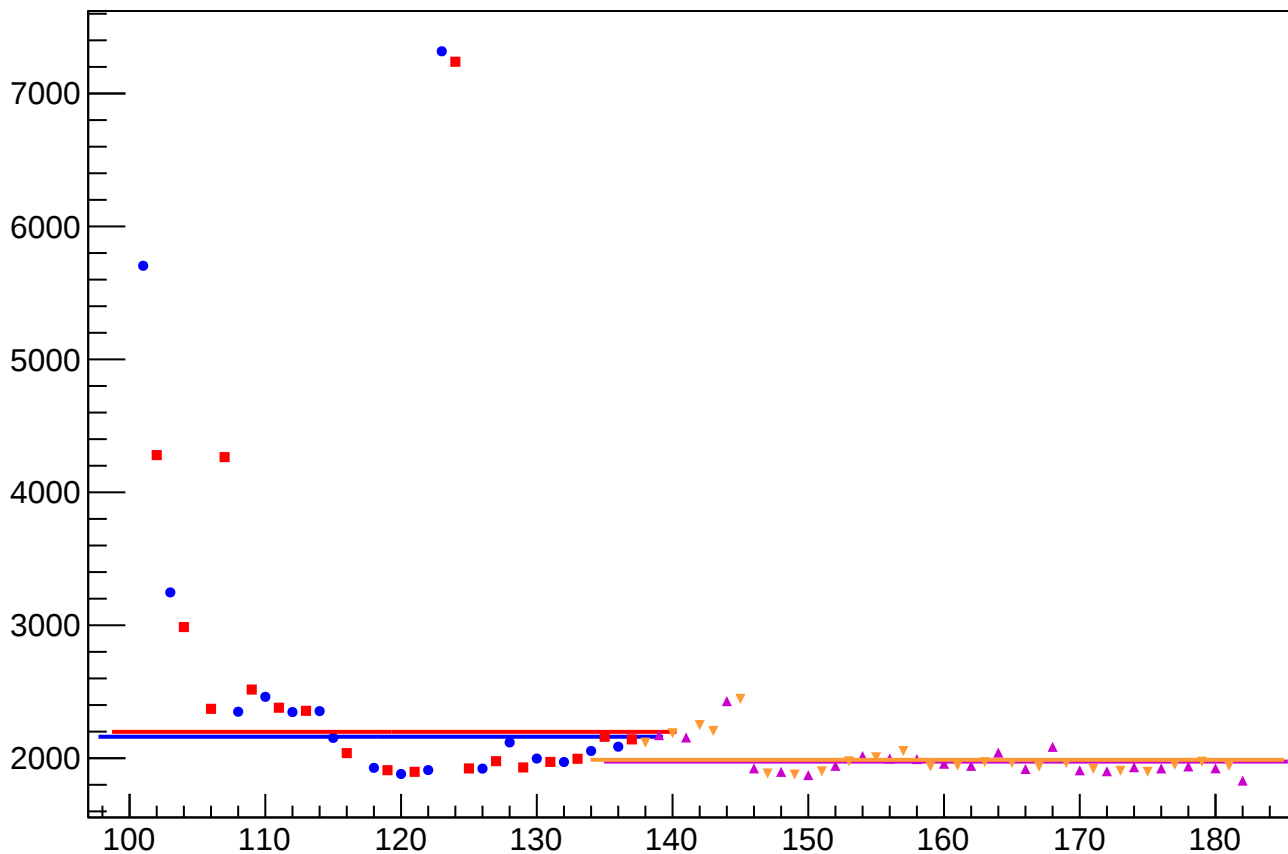
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2287.698 $\pm$ 416.610 χ^2 /NDF:41.4/38

Out: 1743.469 $\pm$ 416.130 χ^2 /NDF:46.6/40

All: 2015.270 $\pm$ 294.418 χ^2 /NDF: 88.9/79

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1987.820+/-0.337 χ^2/NDF : 127148.3/22

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

Left In: 1974.675+/-0.337 χ^2/NDF : 119379.9/21

Left: 1981.249+/-0.238 χ^2/NDF : 247289.7/44

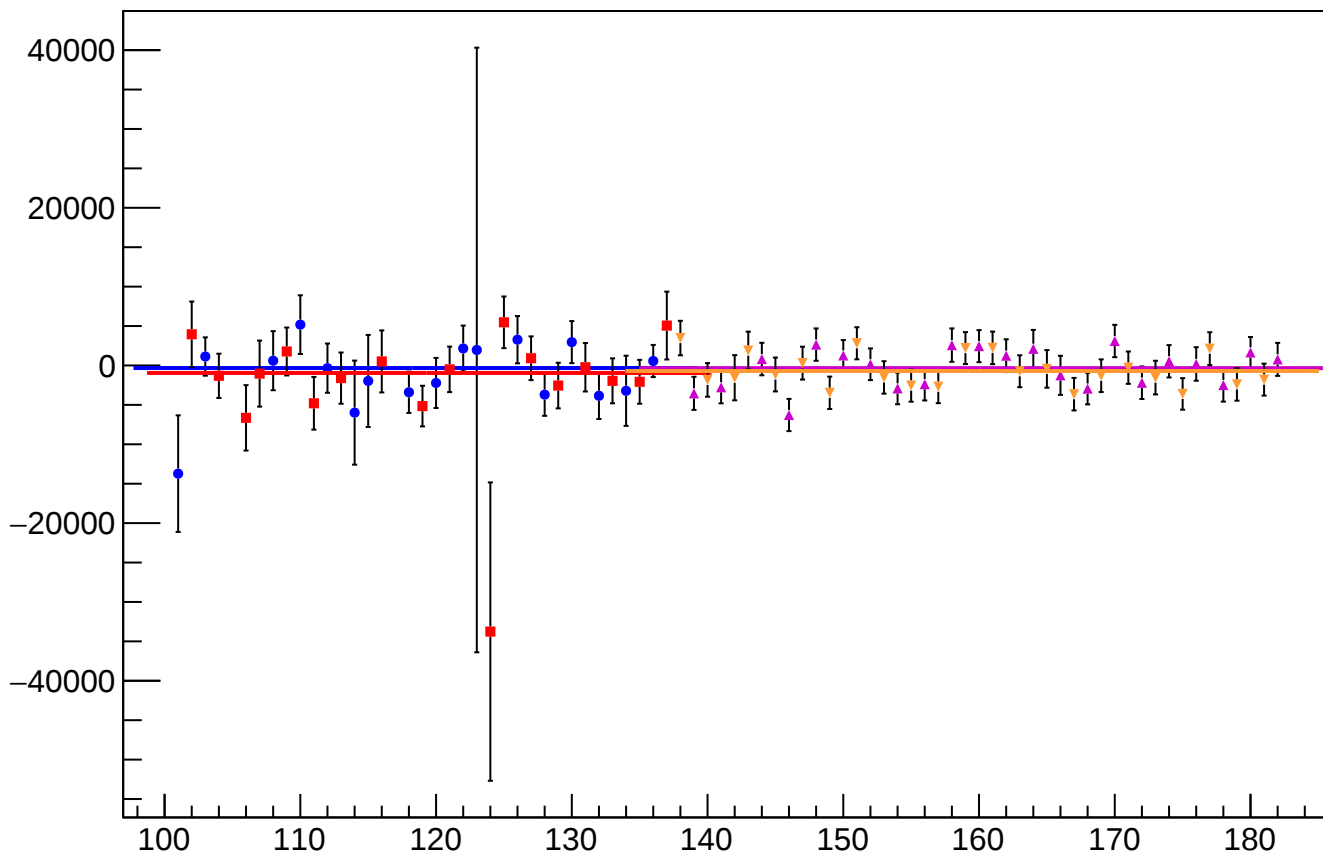
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2018.611+/-0.295 χ^2/NDF : 902932.8/38

Out: 2037.633+/-0.294 χ^2/NDF : 953392.5/40

All: 2028.133+/-0.208 χ^2/NDF : 1858412.5/79

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 ± 779.509 $\chi^2/\text{NDF}: 15.7/16$

Left Out: -704.925 ± 441.527 $\chi^2/\text{NDF}: 23.4/22$

Right Out: -951.303 ± 770.284 $\chi^2/\text{NDF}: 18.2/17$

Left In: -341.681 ± 442.885 $\chi^2/\text{NDF}: 31.4/21$

Left: -523.860 ± 312.686 $\chi^2/\text{NDF}: 55.2/44$

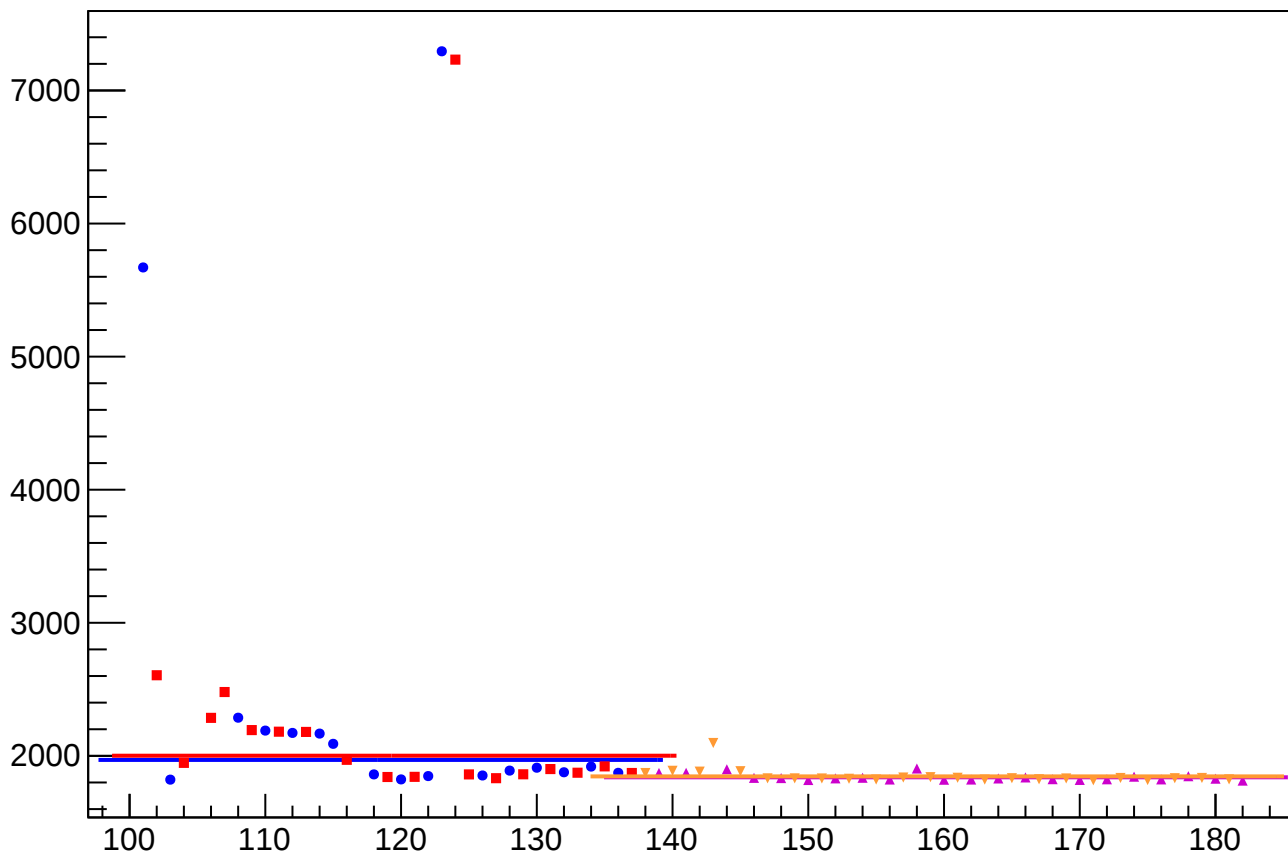
Right: -641.256 ± 547.905 $\chi^2/\text{NDF}: 34.3/34$

In: -337.302 ± 385.073 $\chi^2/\text{NDF}: 47.1/38$

Out: -765.855 ± 383.060 $\chi^2/\text{NDF}: 41.7/40$

All: -552.702 ± 271.573 $\chi^2/\text{NDF}: 89.4/79$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1838.854+/-0.313 χ^2/NDF : 6267.6/21

Left: 1842.304+/-0.221 χ^2/NDF : 33130.6/44

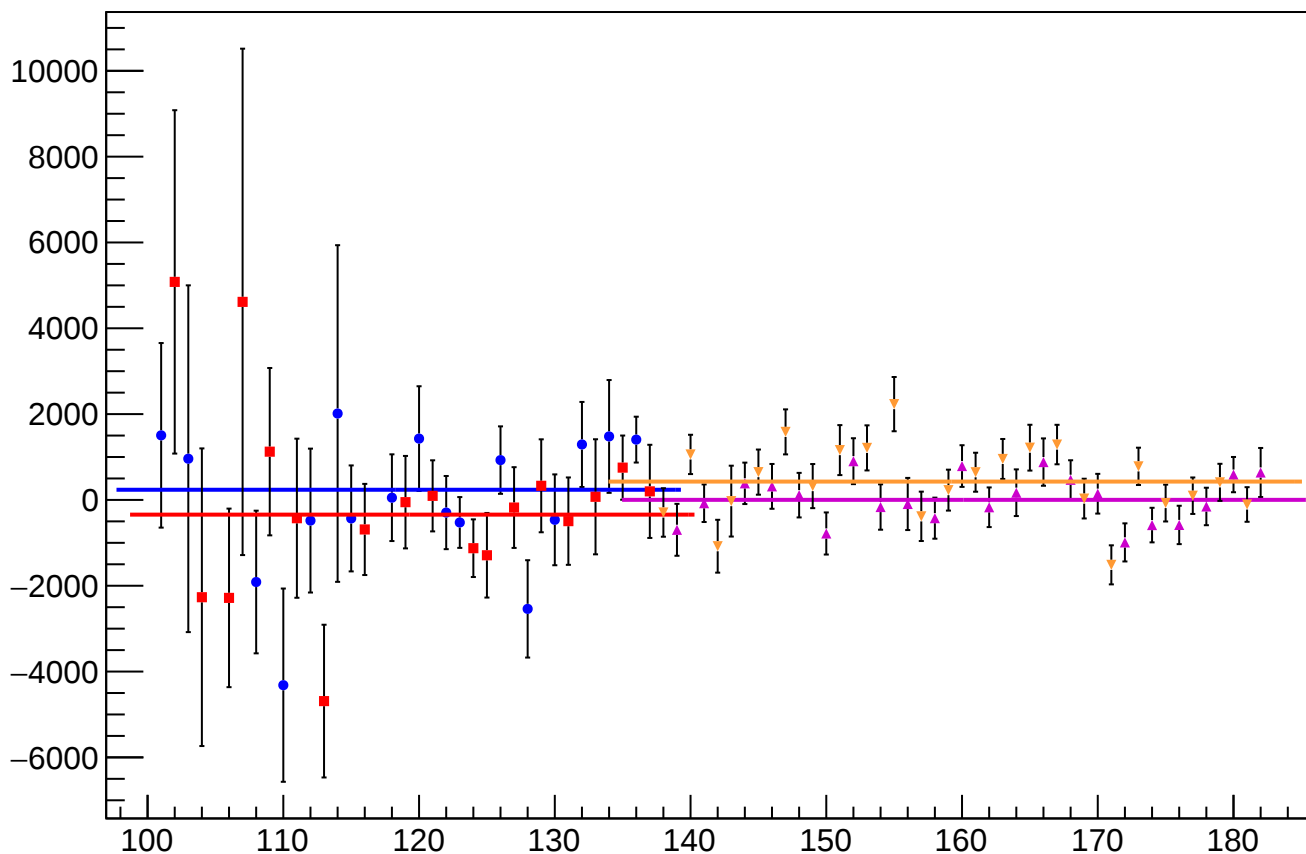
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1870.735+/-0.272 χ^2/NDF : 651544.3/38

Out: 1884.175+/-0.271 χ^2/NDF : 378551.7/40

All: 1877.490+/-0.192 χ^2/NDF : 1031320.6/79

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1.769 $\pm$ 103.440 χ^2/NDF : 27.5/21

Left: 215.825 $\pm$ 72.949 χ^2/NDF : 95.6/44

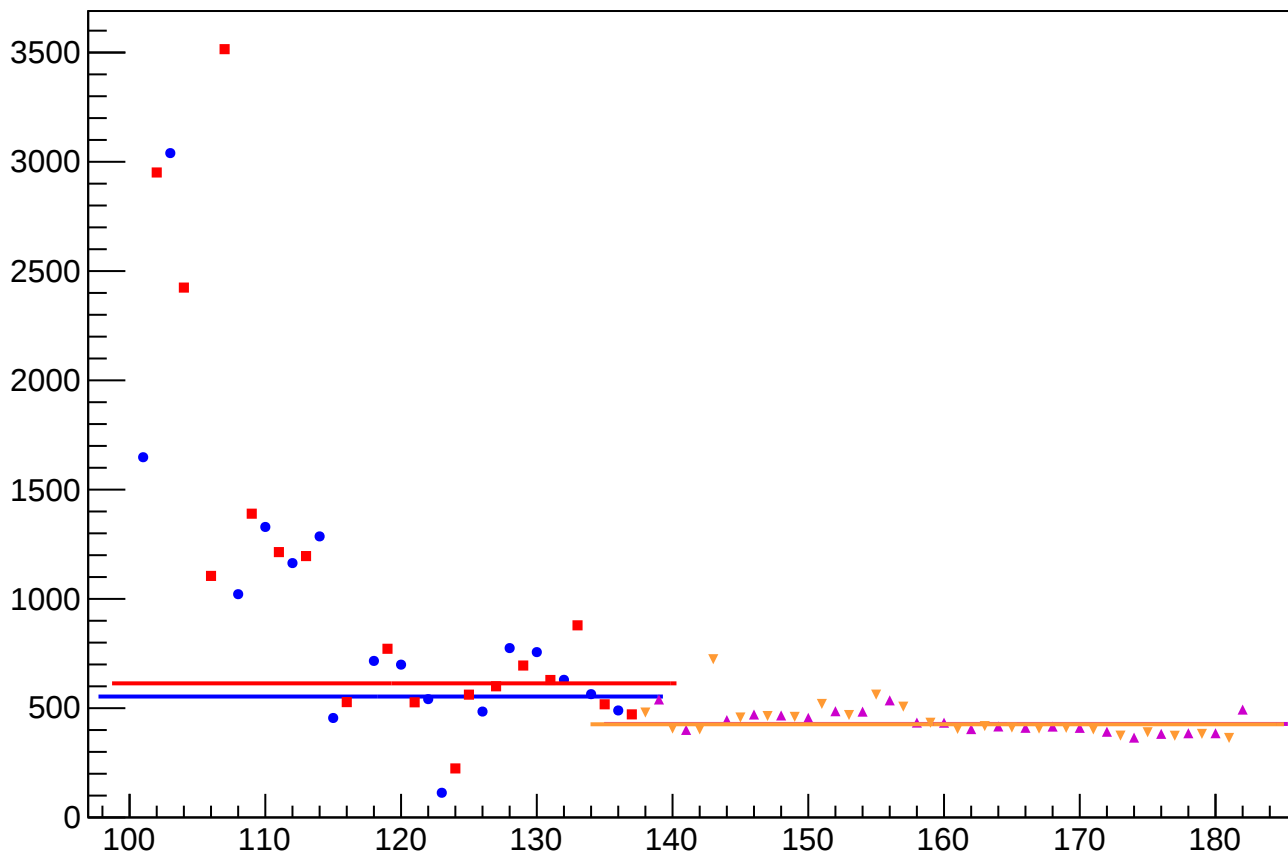
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 36.463 $\pm$ 95.503 χ^2/NDF : 52.2/38

Out: 329.025 $\pm$ 96.084 χ^2/NDF : 82.6/40

All: 181.856 $\pm$ 67.735 χ^2/NDF : 139.5/79

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 427.818+/-0.073 χ^2/NDF : 381084.7/21

Left: 427.078+/-0.052 χ^2/NDF : 1048529.5/44

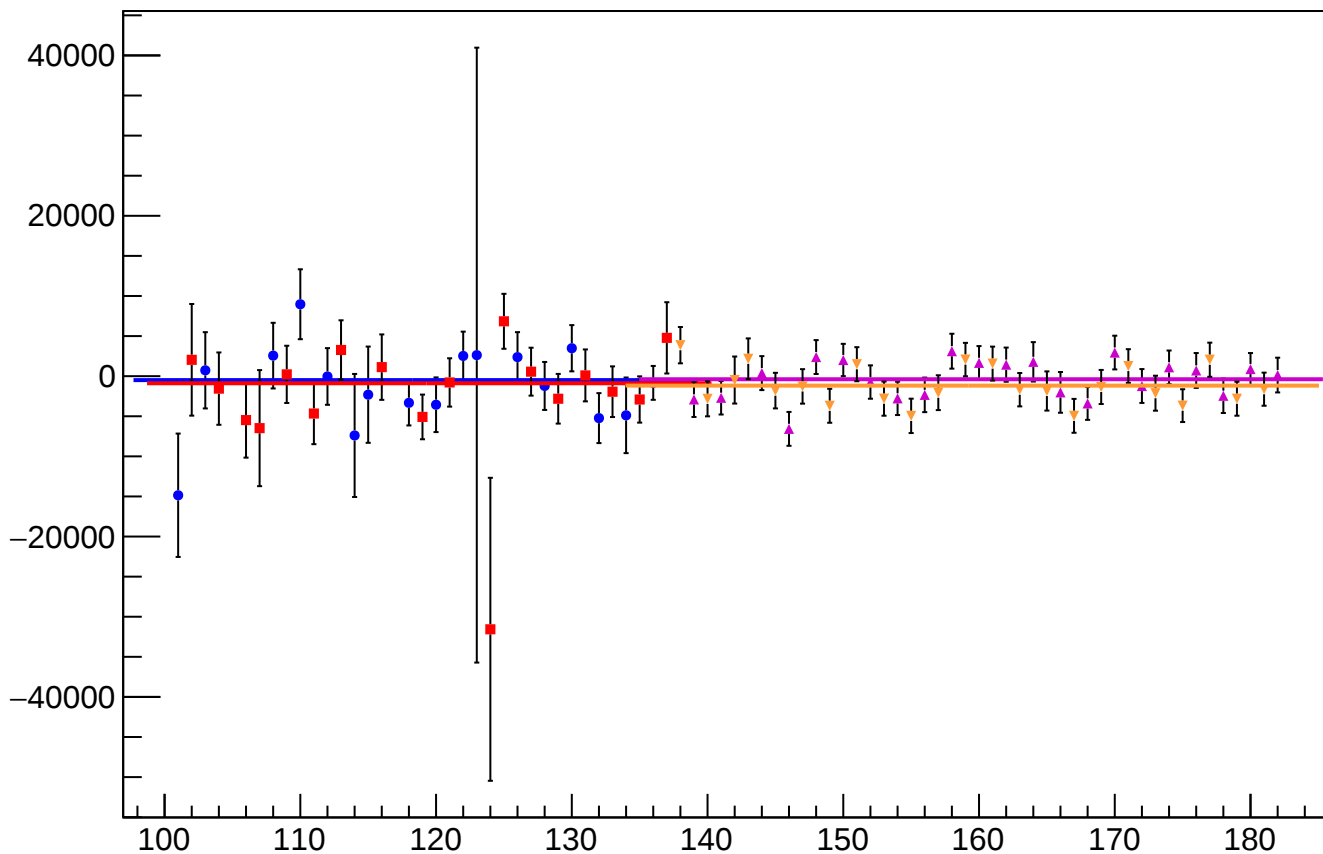
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 446.333+/-0.068 χ^2/NDF : 4228035.1/38

Out: 450.308+/-0.068 χ^2/NDF : 4991168.1/40

All: 448.309+/-0.048 χ^2/NDF : 9220924.8/79

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -383.197+/-455.422 χ^2/NDF : 29.0/21

Left: -780.618+/-321.672 χ^2/NDF : 58.2/44

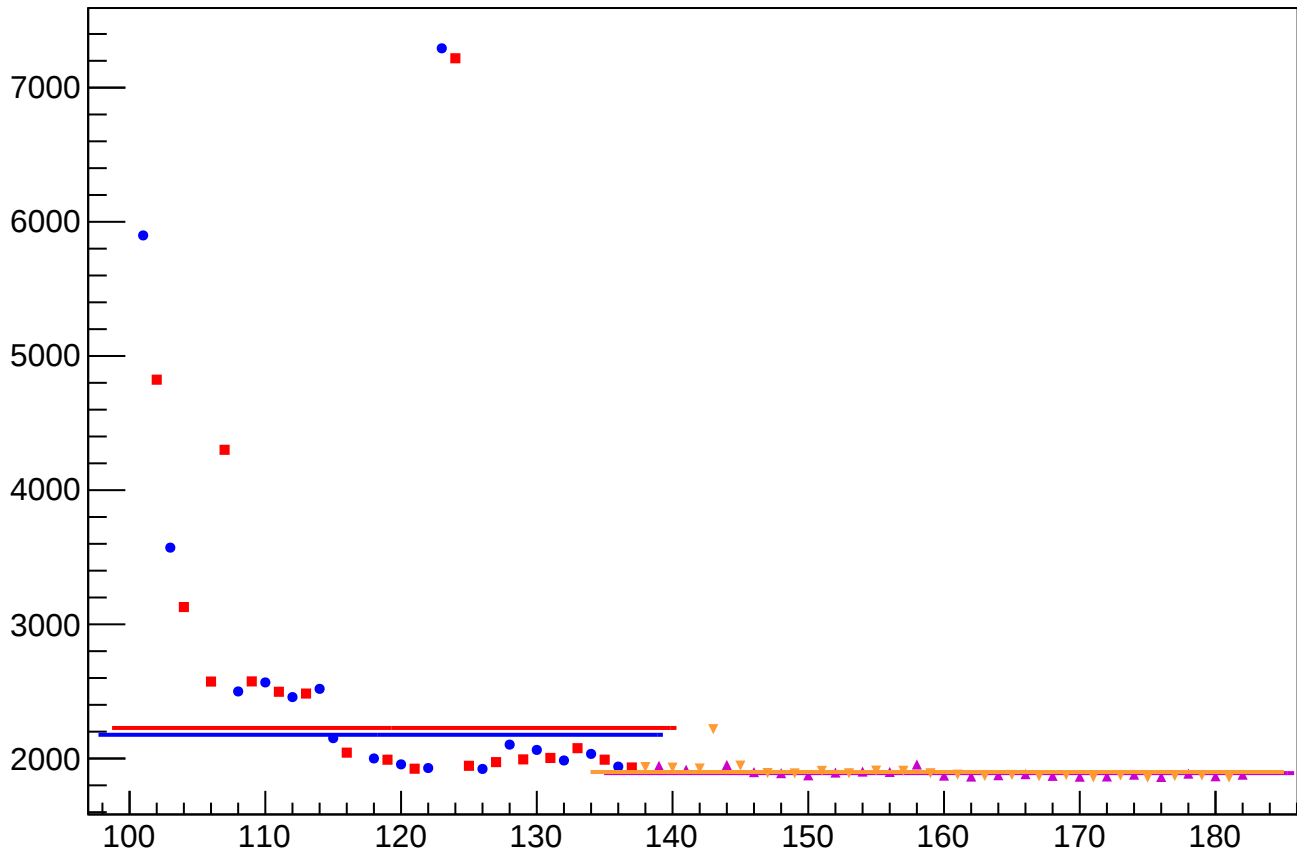
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -406.671+/-403.282 χ^2/NDF : 47.6/38

Out: -1113.669+/-402.691 χ^2/NDF : 45.0/40

All: -760.688+/-284.954 χ^2/NDF : 94.1/79

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1891.041+/-0.322 χ^2/NDF : 7283.9/21

Left: 1895.241+/-0.227 χ^2/NDF : 46251.3/44

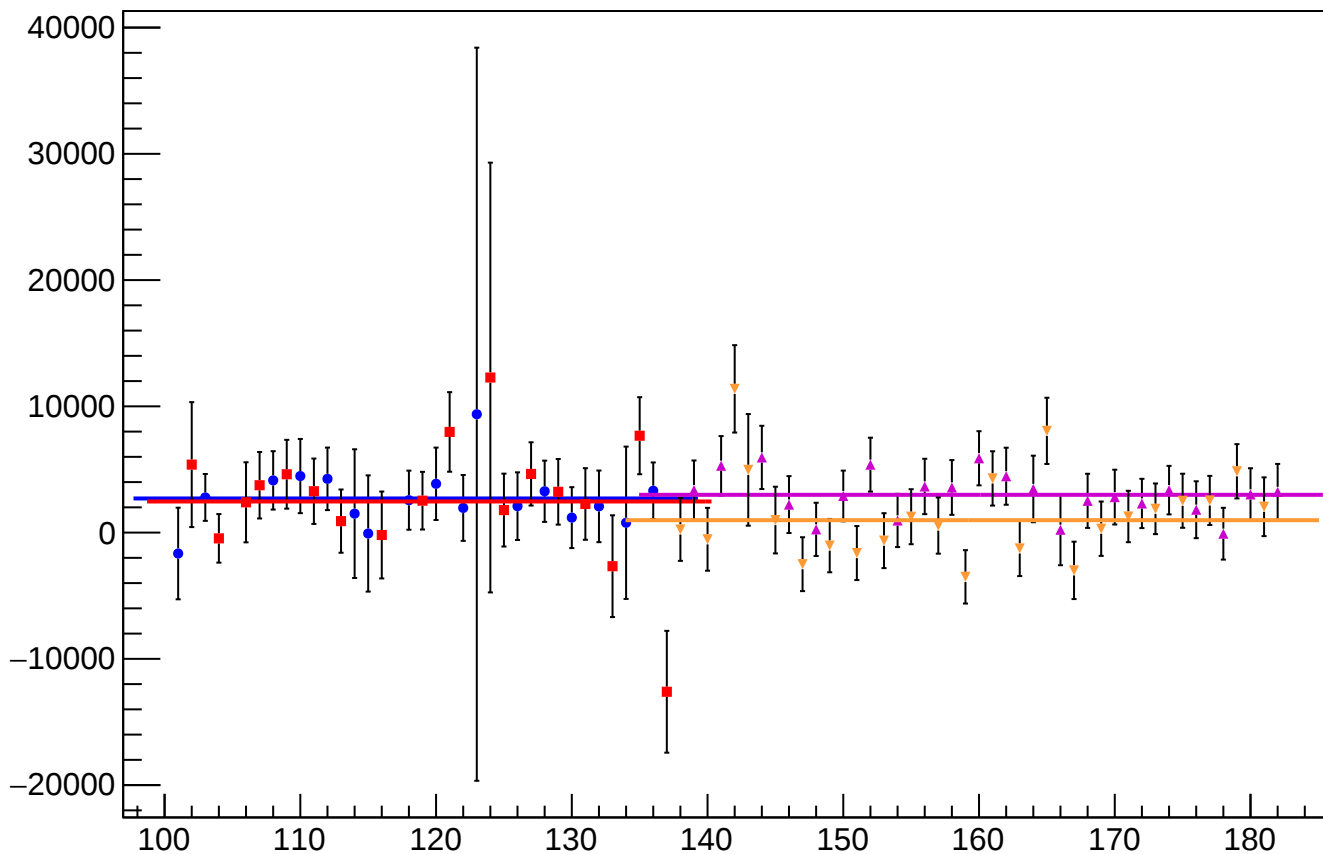
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1952.716+/-0.285 χ^2/NDF : 979874.9/38

Out: 1969.890+/-0.285 χ^2/NDF : 1088350.6/40

All: 1961.316+/-0.201 χ^2/NDF : 2070041.6/79

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2991.800 $\pm$ 467.466 χ^2 /NDF:12.5/21

Left: 1999.030 $\pm$ 332.605 χ^2 /NDF: 60.8/44

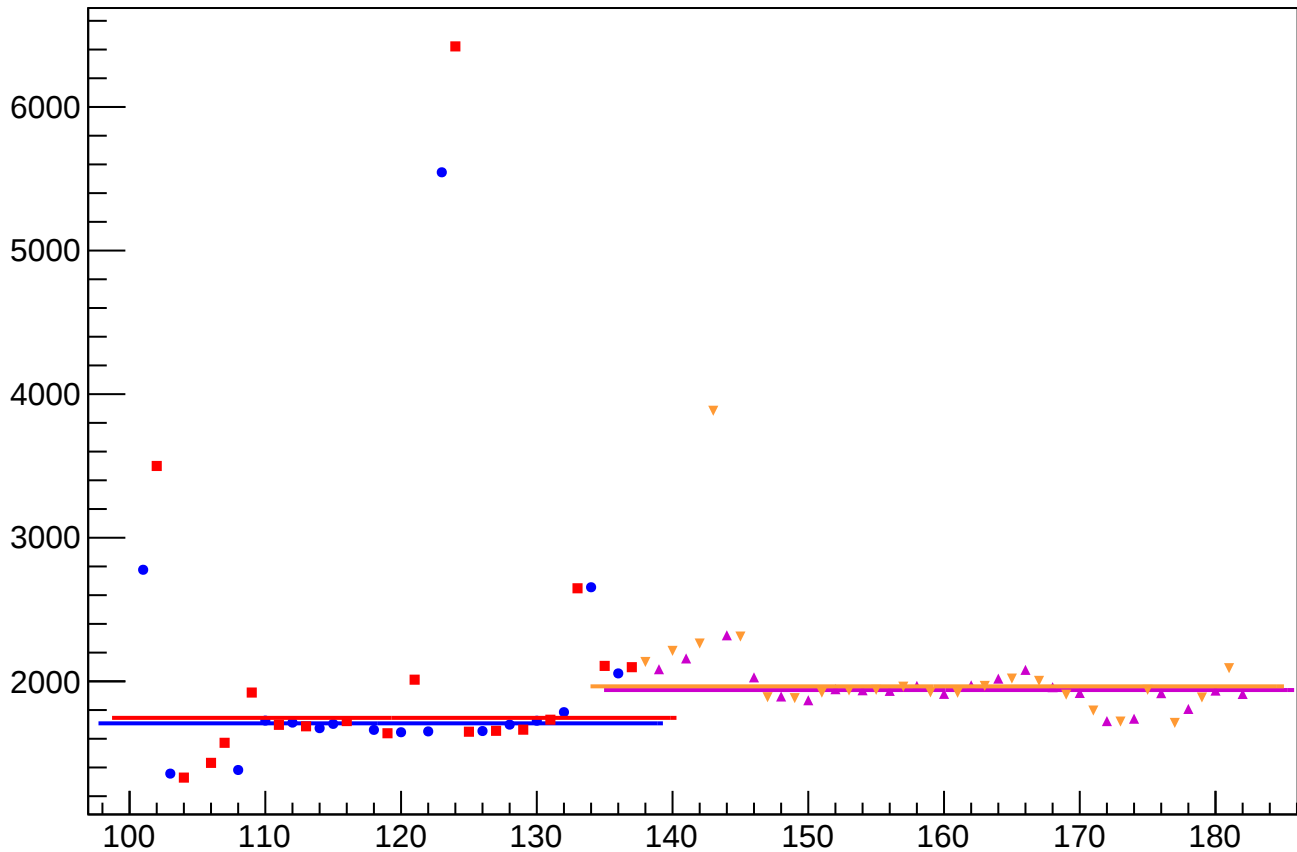
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2898.144 $\pm$ 384.101 χ^2 /NDF:16.7/38

Out: 1462.204 $\pm$ 389.095 χ^2 /NDF:65.5/40

All: 2189.448 $\pm$ 273.349 χ^2 /NDF: 89.1/79

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1939.283 ± 0.331 $\chi^2/\text{NDF}: 141165.4/21$

Left: 1952.014 ± 0.235 $\chi^2/\text{NDF}: 697675.4/44$

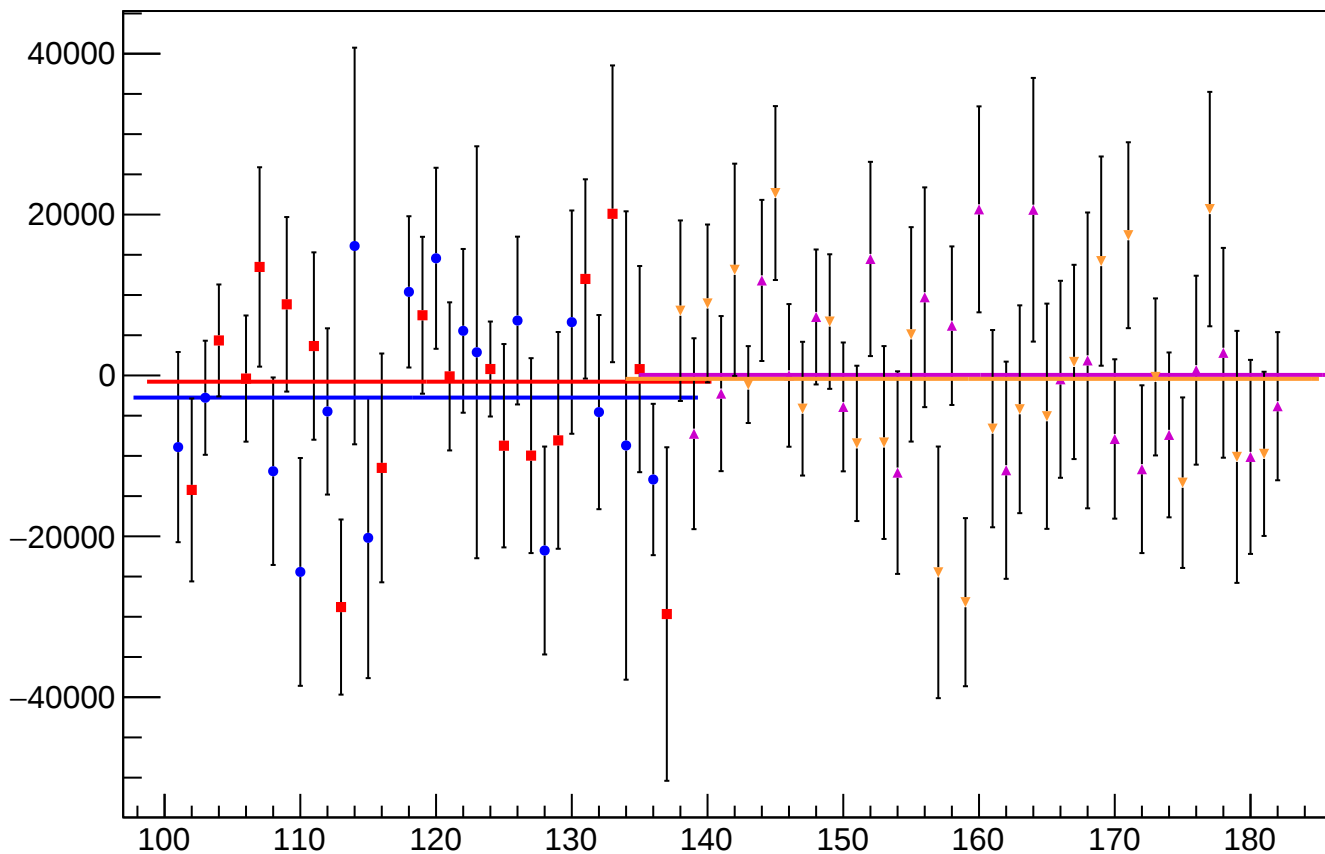
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1863.948 ± 0.272 $\chi^2/\text{NDF}: 723222.1/38$

Out: 1893.857 ± 0.275 $\chi^2/\text{NDF}: 1392287.6/40$

All: 1878.710 ± 0.193 $\chi^2/\text{NDF}: 2121495.2/79$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -423.856+/-2144.279 χ^2/NDF : 27.7/22

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

Left In: 67.198+/-2326.218 χ^2/NDF : 14.4/21

Left: -198.281+/-1576.636 χ^2/NDF : 42.1/44

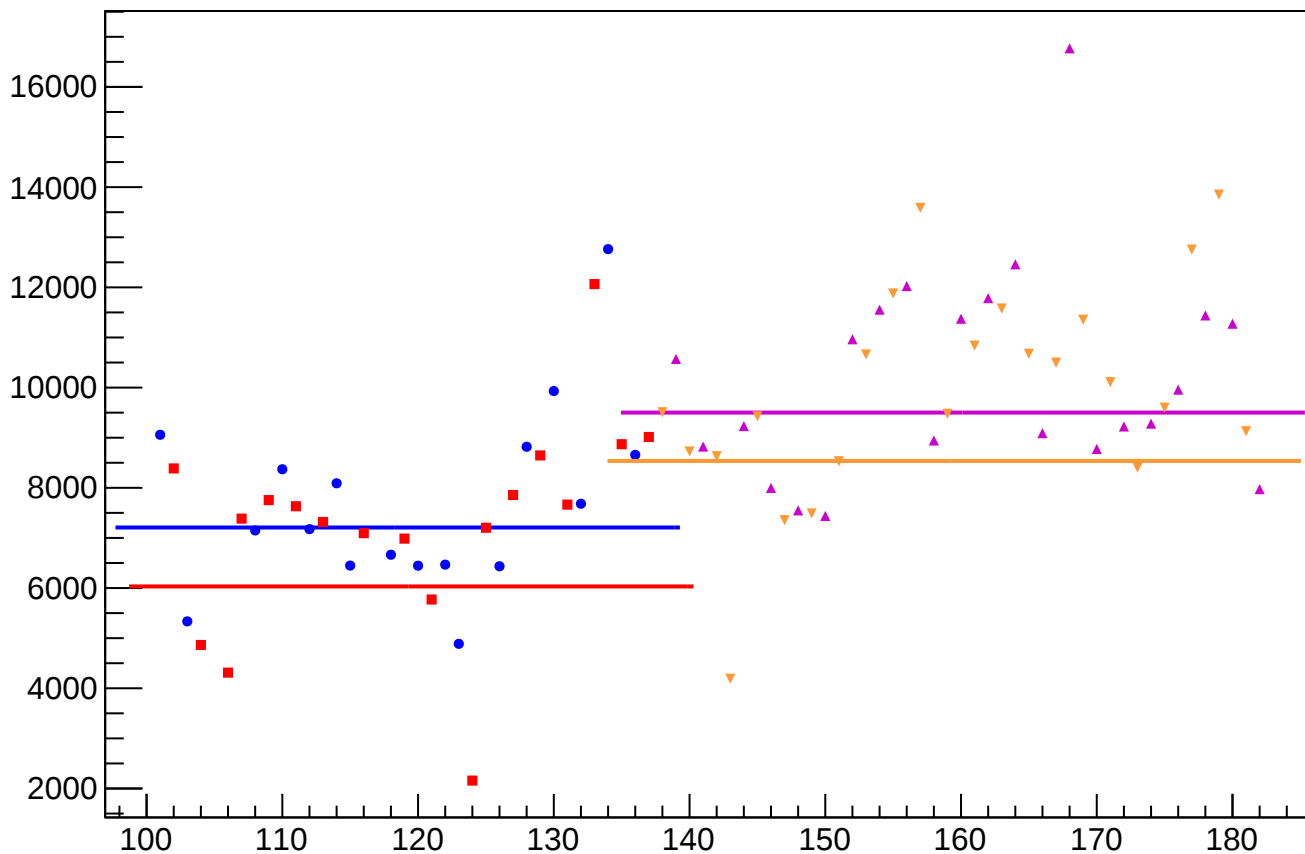
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1063.121+/-1800.202 χ^2/NDF : 29.5/38

Out: -576.780+/-1610.922 χ^2/NDF : 45.5/40

All: -793.047+/-1200.454 χ^2/NDF : 75.0/79

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 9501.595+/-1.645 χ^2/NDF : 1121750.3/21

Left: 8979.824+/-1.115 χ^2/NDF : 4312117.5/44

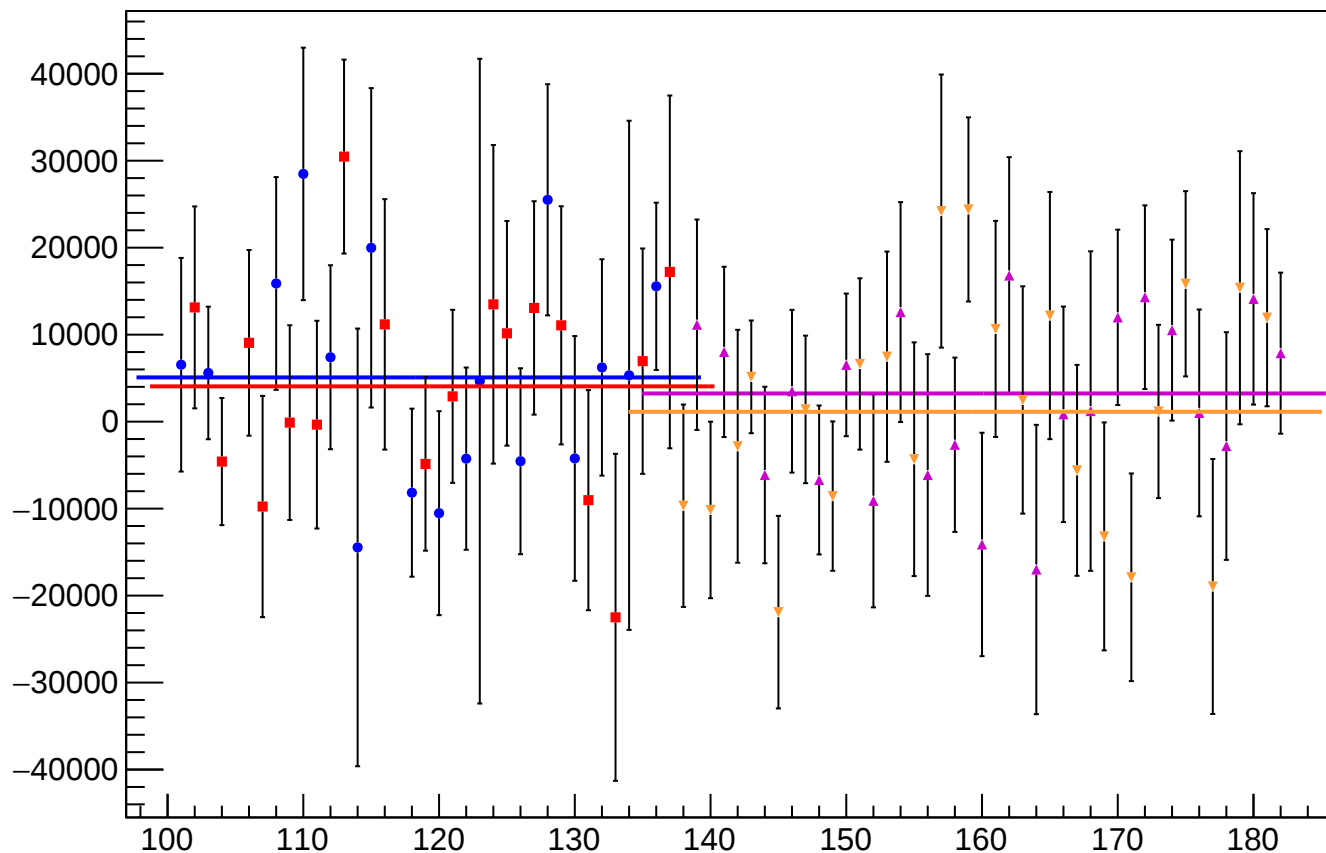
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8581.732+/-1.273 χ^2/NDF : 2395157.3/38

Out: 7445.609+/-1.139 χ^2/NDF : 5990105.6/40

All: 7950.822+/-0.849 χ^2/NDF : 8827627.7/79

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3240.040 $\pm$ 2363.934 χ^2 /NDF:13.4/21

Left: 2149.614 $\pm$ 1641.958 χ^2 /NDF: 40.7/44

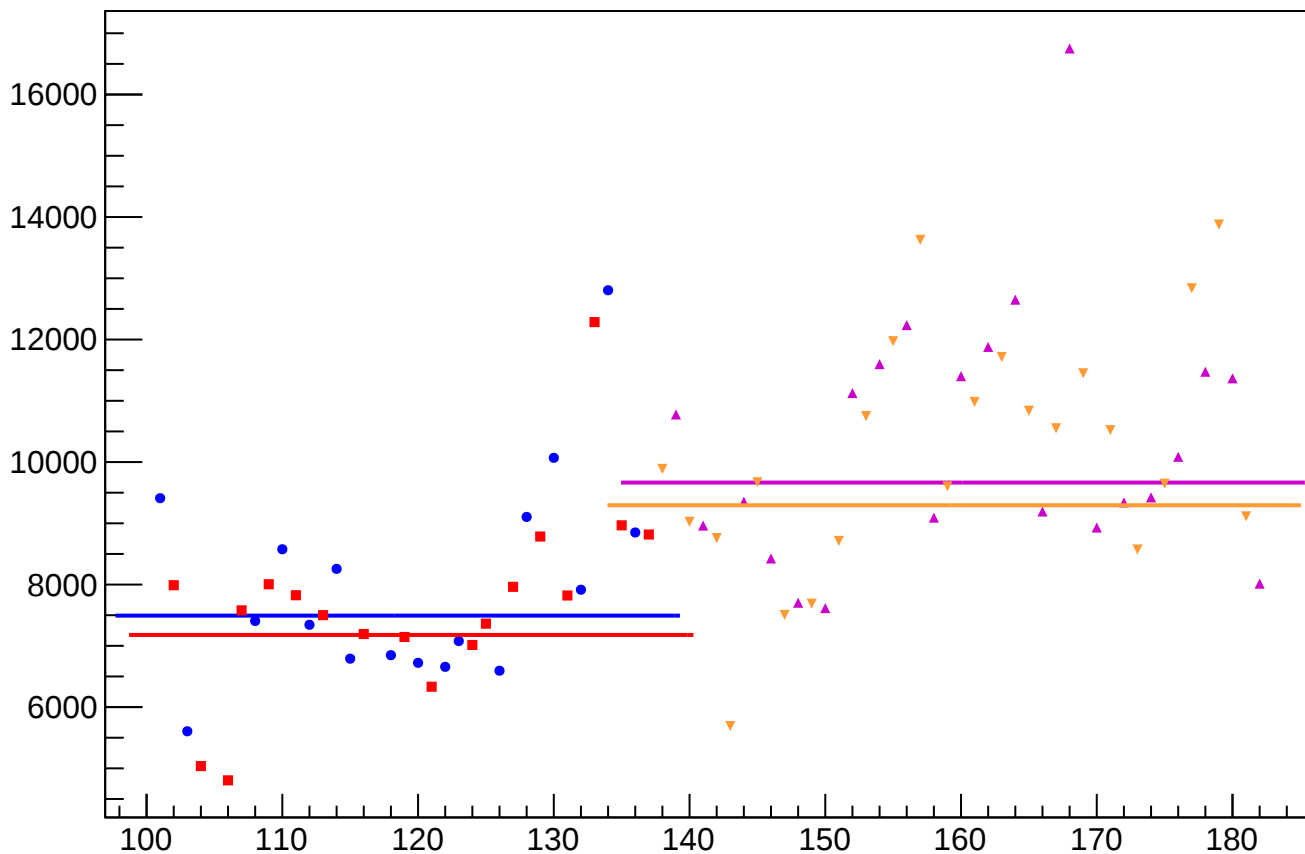
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3959.782 $\pm$ 1846.002 χ^2 /NDF:27.6/38

Out: 2299.735 $\pm$ 1769.118 χ^2 /NDF:42.8/40

All: 3094.469 $\pm$ 1277.271 χ^2 /NDF: 70.8/79

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 9665.300 $\pm$ 1.672 χ^2 /NDF:1055899.1/21

Left: 9473.612 $\pm$ 1.161 χ^2 /NDF: 2667131.9/44

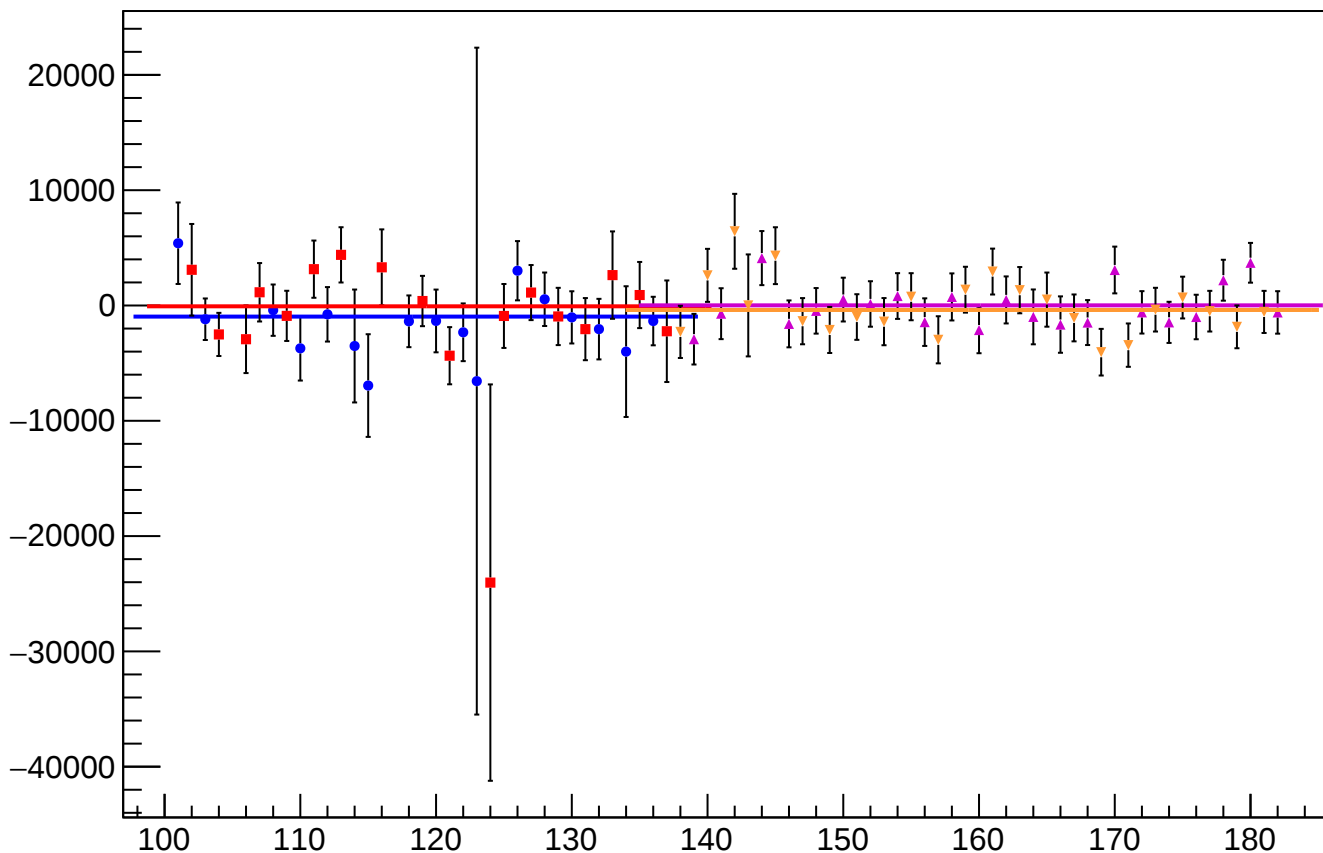
Right: 7326.859 $\pm$ 1.437 χ^2 /NDF: 1004970.1/34

In: 8817.629 $\pm$ 1.305 χ^2 /NDF:2152040.2/38

Out: 8449.674 $\pm$ 1.251 χ^2 /NDF:2828773.3/40

All: 8625.822 $\pm$ 0.903 χ^2 /NDF: 5022236.0/79

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -389.280+/-431.630 χ^2/NDF :25.2/22

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: 13.624+/-425.567 χ^2/NDF :18.5/21

Left: -184.979+/-303.042 χ^2/NDF : 44.1/44

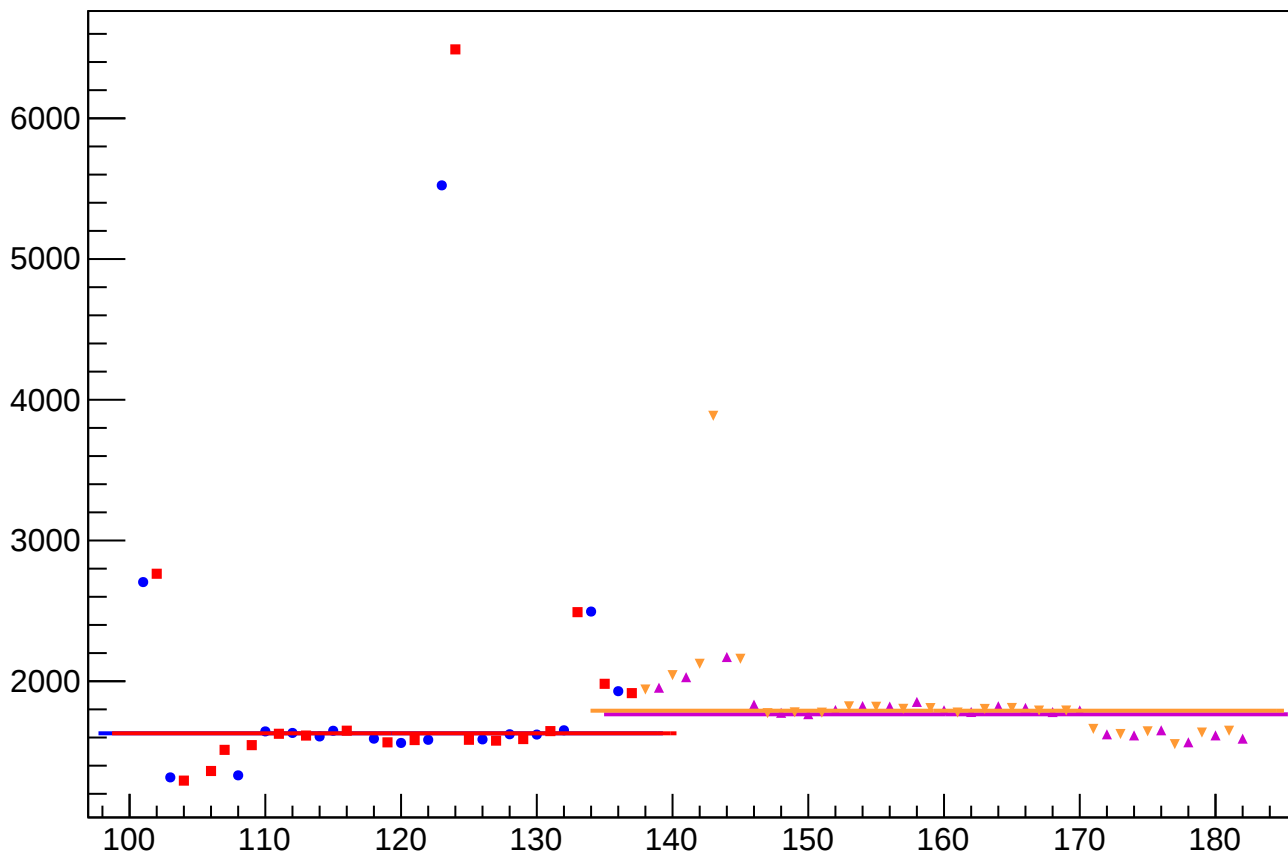
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -283.710+/-354.885 χ^2/NDF :30.1/38

Out: -288.674+/-356.868 χ^2/NDF :42.1/40

All: -286.178+/-251.640 χ^2/NDF : 72.2/79

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1790.569+/-0.305 χ^2/NDF : 649920.3/22

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

Left In: 1764.993+/-0.301 χ^2/NDF : 207202.5/21

Left: 1777.600+/-0.214 χ^2/NDF : 860683.4/44

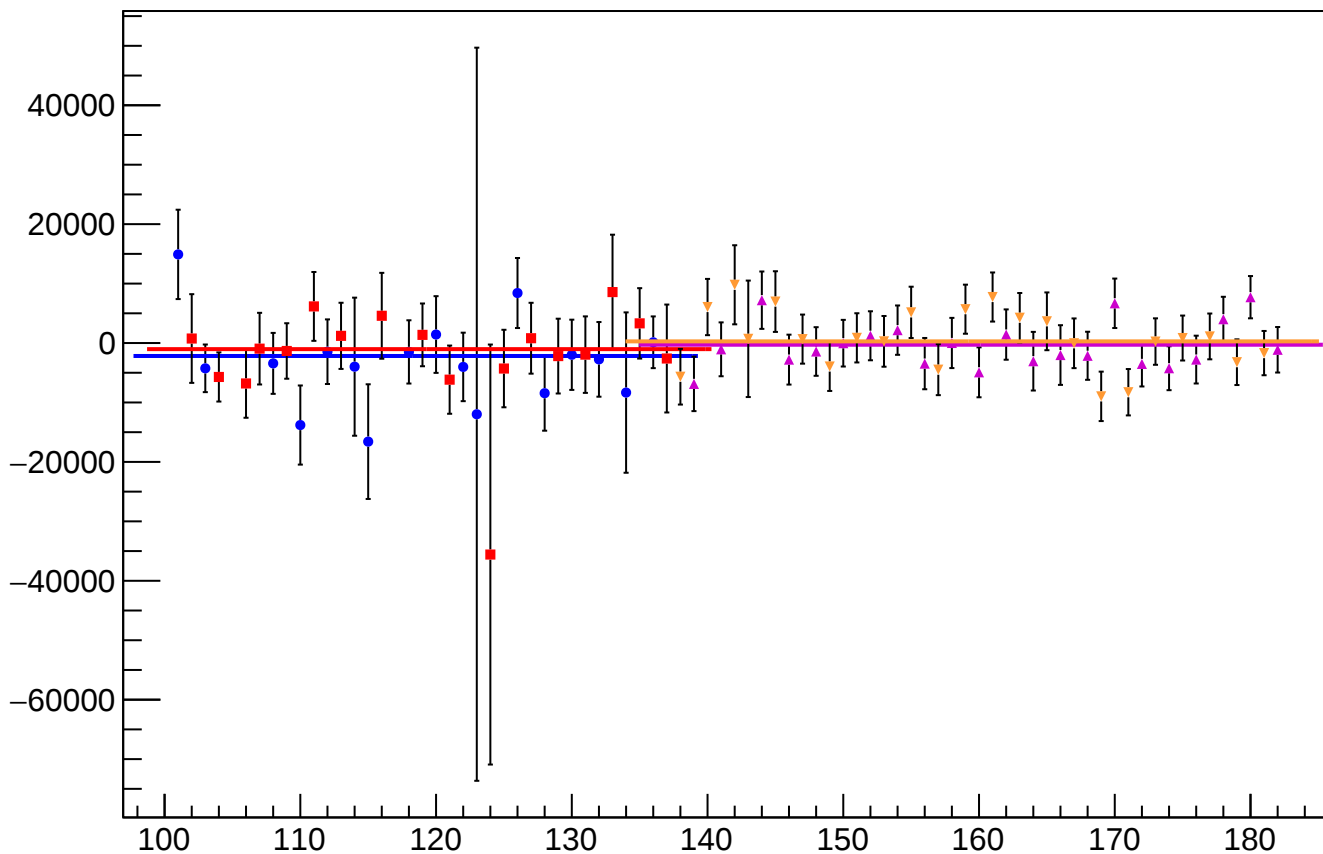
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1723.861+/-0.251 χ^2/NDF : 676693.1/38

Out: 1739.744+/-0.252 χ^2/NDF : 1295017.7/40

All: 1731.758+/-0.178 χ^2/NDF : 1973702.6/79

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 279.435+/-897.447 χ^2/NDF : 27.8/22

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

Left In: -286.125+/-883.166 χ^2/NDF : 19.5/21

Left: -7.881+/-629.481 χ^2/NDF : 47.5/44

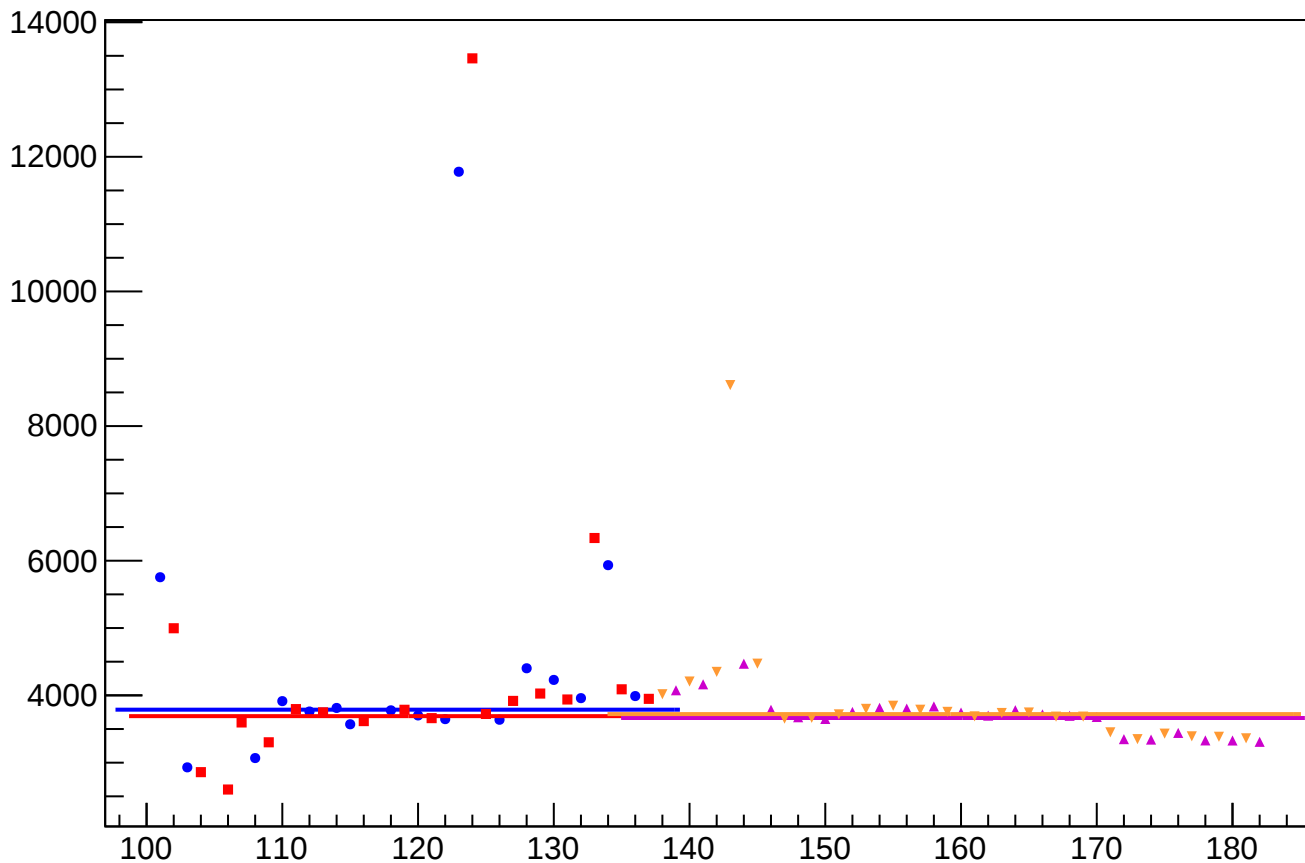
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -776.835+/-760.135 χ^2/NDF : 36.7/38

Out: -85.190+/-761.984 χ^2/NDF : 37.0/40

All: -431.853+/-538.149 χ^2/NDF : 74.0/79

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3663.659+/-0.624 χ^2/NDF : 194758.7/21

Left: 3692.168+/-0.445 χ^2/NDF : 879072.6/44

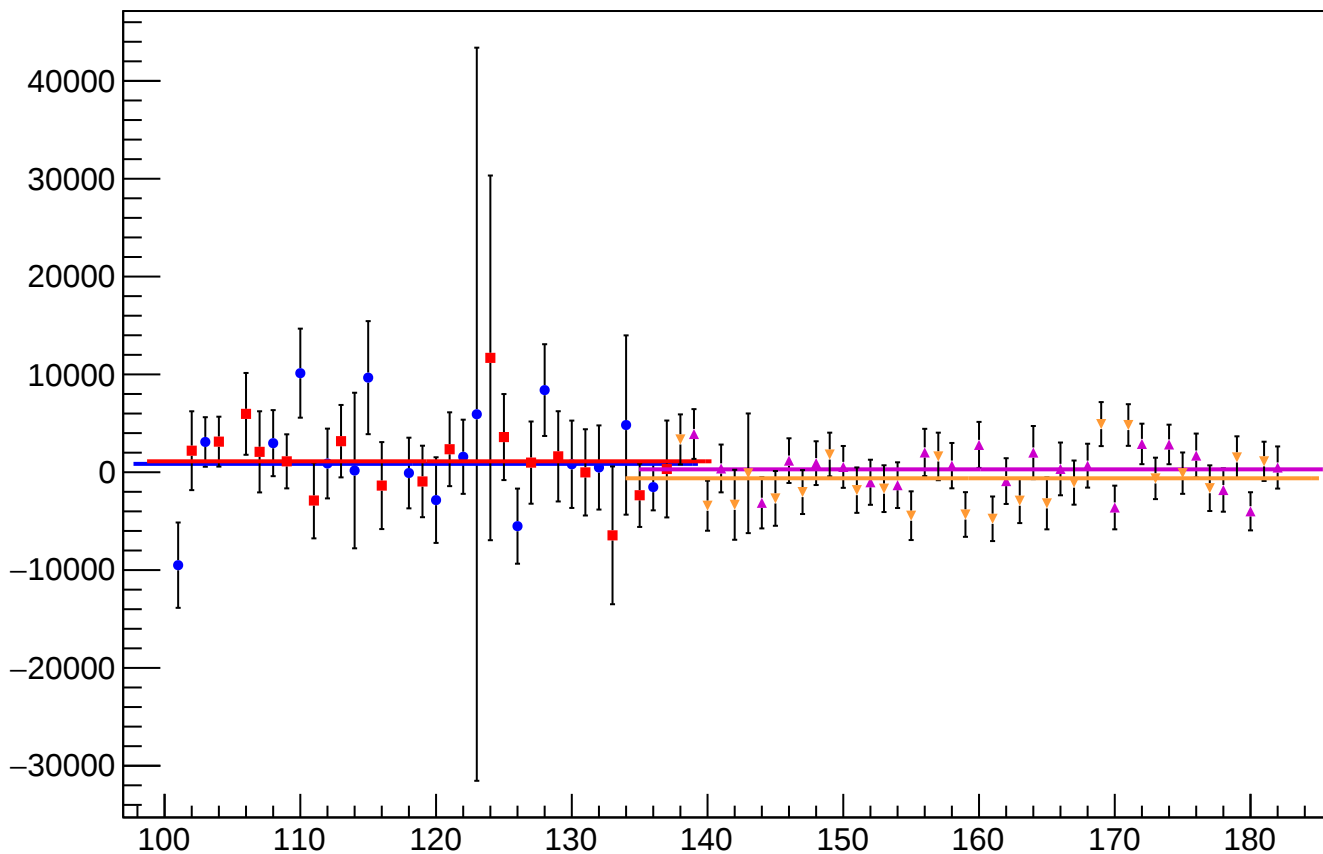
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3695.708+/-0.537 χ^2/NDF : 597570.3/38

Out: 3713.133+/-0.539 χ^2/NDF : 1235873.7/40

All: 3704.399+/-0.381 χ^2/NDF : 1833968.2/79

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 $\chi^2/NDF: 20.7/16$

Left Out: -618.249 ± 496.618 $\chi^2/NDF: 32.5/22$

Right Out: 1117.553 ± 927.195 $\chi^2/NDF: 7.3/17$

Left In: 296.483 ± 487.864 $\chi^2/NDF: 19.5/21$

Left: -152.750 ± 348.026 $\chi^2/NDF: 53.7/44$

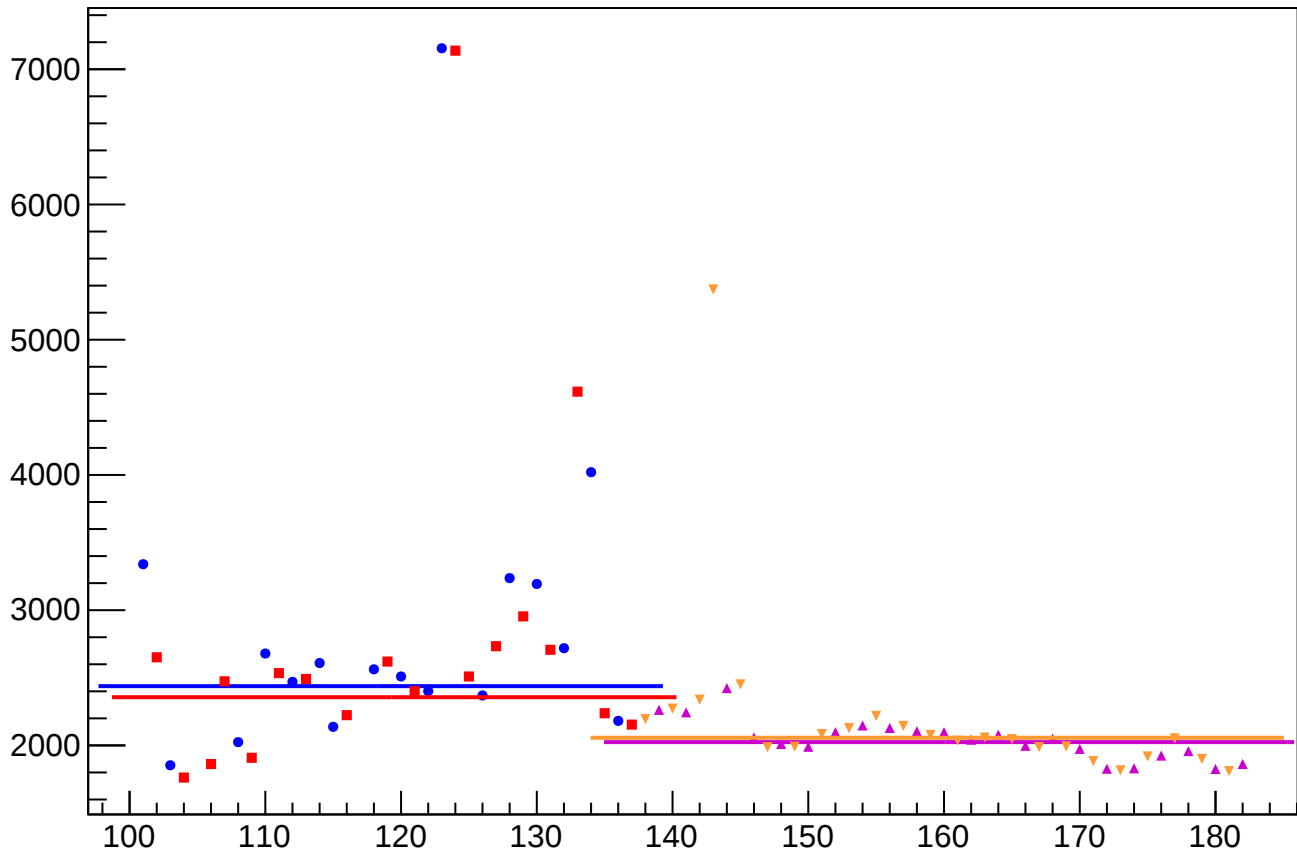
Right: 992.055 ± 668.506 $\chi^2/NDF: 28.0/34$

In: 410.465 ± 435.363 $\chi^2/NDF: 40.4/38$

Out: -231.291 ± 437.777 $\chi^2/NDF: 42.4/40$

All: 91.362 ± 308.698 $\chi^2/NDF: 83.9/79$

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 2356.405 $\pm$ 0.656 χ^2/NDF : 629132.8/17

Left In: 2024.431 $\pm$ 0.345 χ^2/NDF : 173836.4/21

Left: 2040.304 $\pm$ 0.246 χ^2/NDF : 947276.9/44

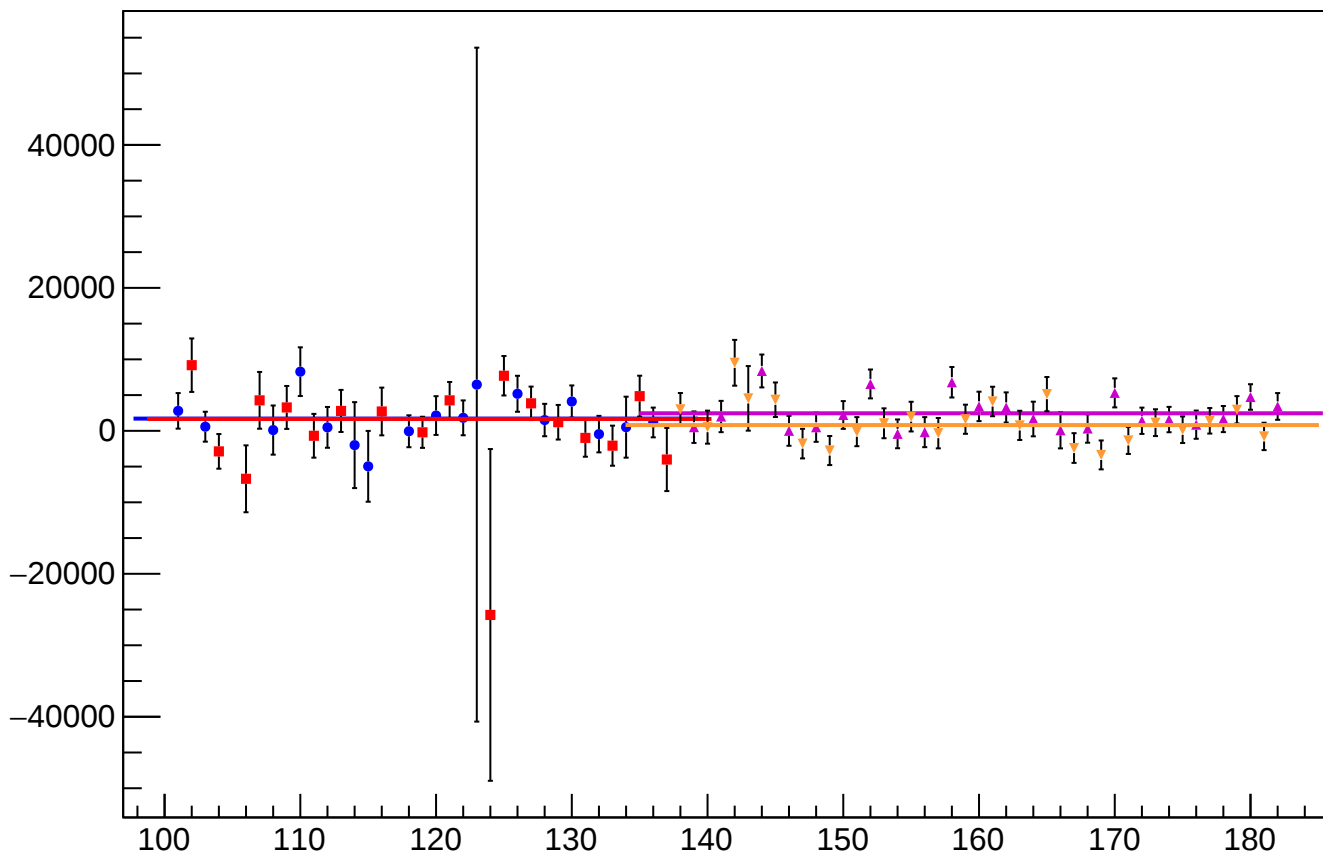
Right: 2395.716 $\pm$ 0.473 χ^2/NDF : 1113343.5/34

In: 2108.710 $\pm$ 0.308 χ^2/NDF : 943640.4/38

Out: 2123.553 $\pm$ 0.310 χ^2/NDF : 1560589.3/40

All: 2116.090 $\pm$ 0.218 χ^2/NDF : 2505385.6/79

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 807.062+/-439.533 χ^2/NDF : 32.8/22

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

Left In: 2455.663+/-433.353 χ^2/NDF : 29.4/21

Left: 1643.035+/-308.589 χ^2/NDF : 69.3/44

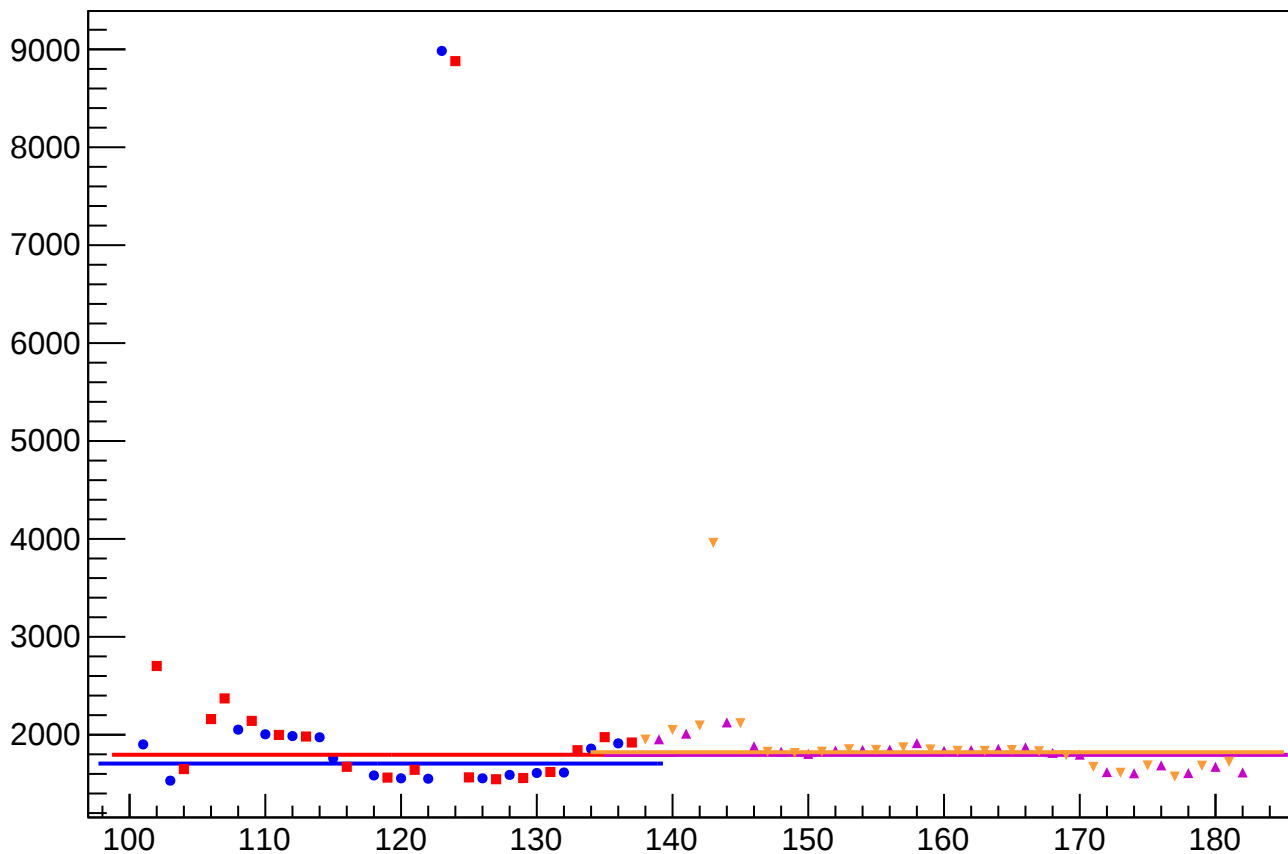
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2235.165+/-363.415 χ^2/NDF : 41.7/38

Out: 1051.921+/-371.586 χ^2/NDF : 60.7/40

All: 1656.695+/-259.814 χ^2/NDF : 107.6/79

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1821.615 $\pm$ 0.311 χ^2 /NDF: 623851.6/22

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

Left In: 1794.260 $\pm$ 0.306 χ^2 /NDF: 185941.3/21

Left: 1807.744 $\pm$ 0.218 χ^2 /NDF: 813721.1/44

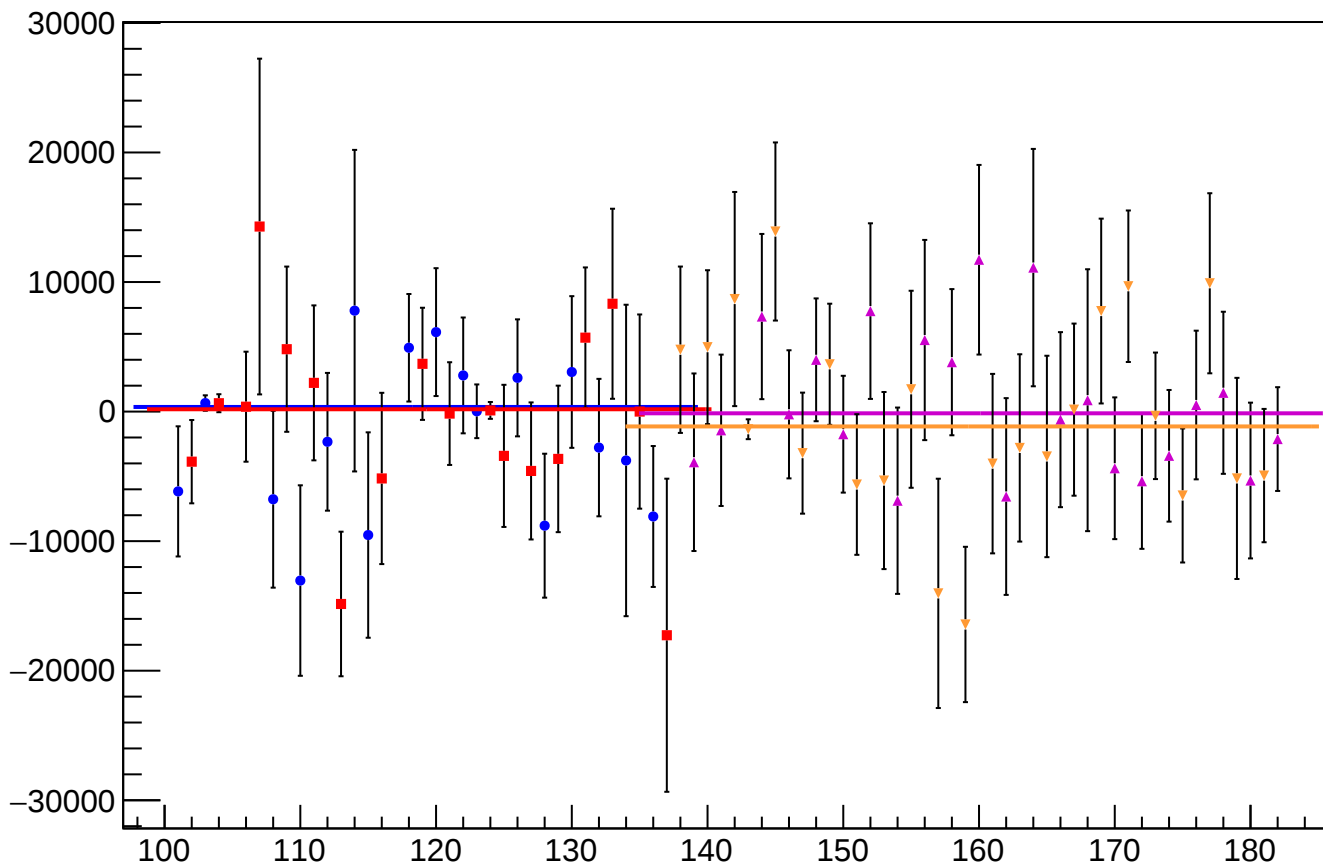
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1767.959 $\pm$ 0.257 χ^2 /NDF: 404942.6/38

Out: 1814.163 $\pm$ 0.263 χ^2 /NDF: 1144665.6/40

All: 1790.562 $\pm$ 0.184 χ^2 /NDF: 1565422.9/79

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1146.600 $\pm$ 662.342 χ^2 /NDF:29.0/22

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

Left In: -132.810 $\pm$ 1256.340 χ^2 /NDF:13.8/21

Left: -926.111 $\pm$ 585.905 χ^2 /NDF: 43.4/44

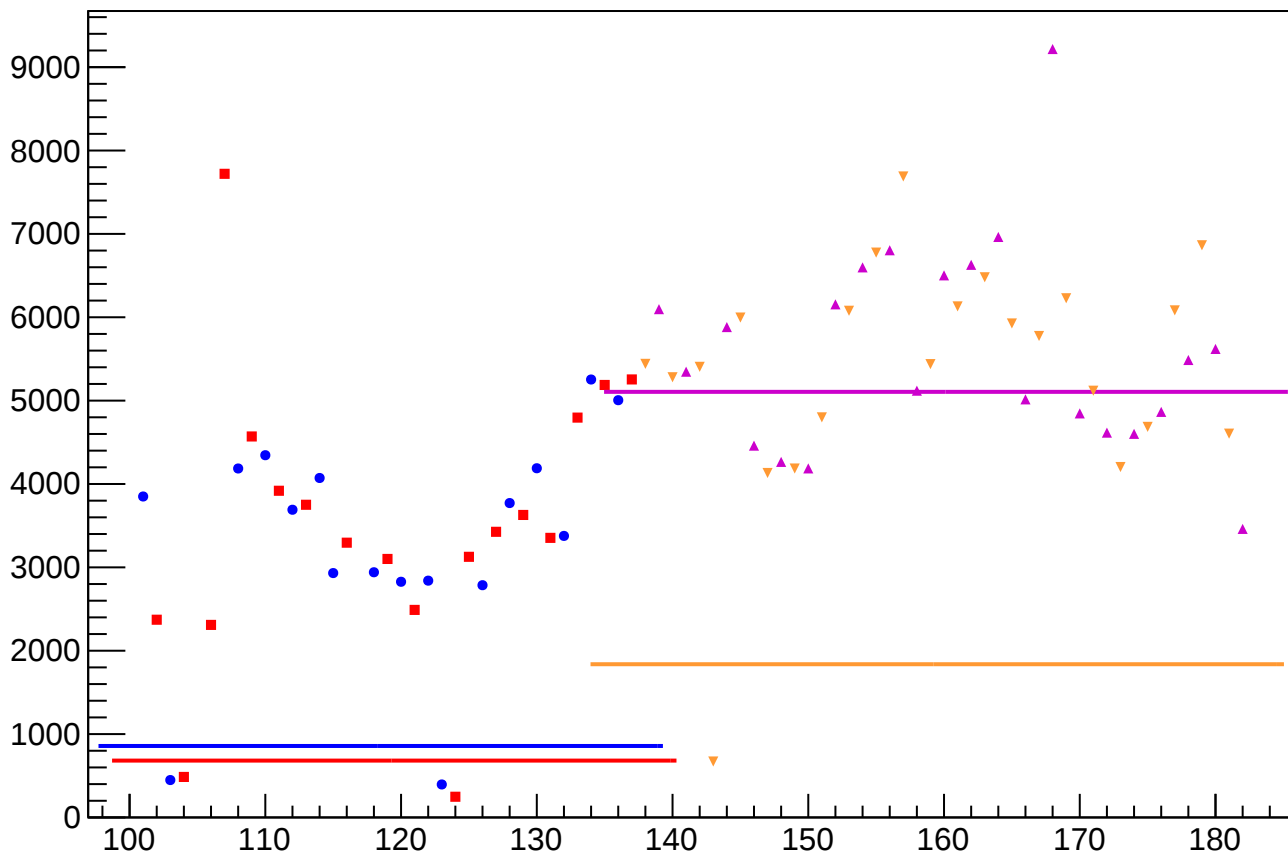
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 282.259 $\pm$ 490.832 χ^2 /NDF:31.4/38

Out: -235.690 $\pm$ 370.513 χ^2 /NDF:50.3/40

All: -47.681 $\pm$ 295.718 χ^2 /NDF: 82.5/79

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5105.331 $\pm$ 0.888 χ^2 /NDF: 1457233.0/21

Left: 2548.639 $\pm$ 0.414 χ^2 /NDF: 31352186.2/44

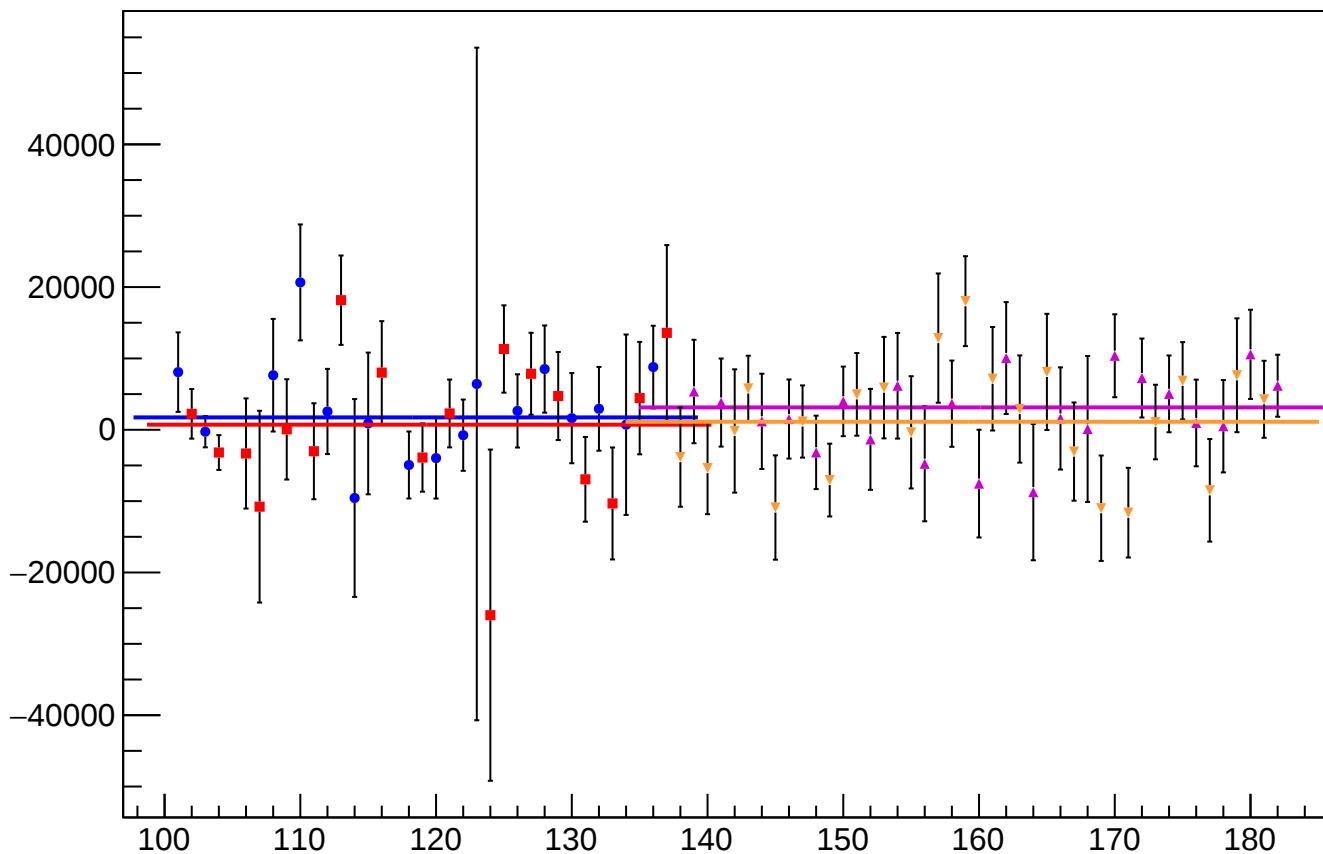
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1505.840 $\pm$ 0.347 χ^2 /NDF: 29006846.8/38

Out: 1043.833 $\pm$ 0.262 χ^2 /NDF: 32873983.1/40

All: 1211.536 $\pm$ 0.209 χ^2 /NDF: 63009611.9/71

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3133.398+/-1334.878 χ^2/NDF : 12.2/21

Left: 2128.455+/-943.741 χ^2/NDF : 43.6/44

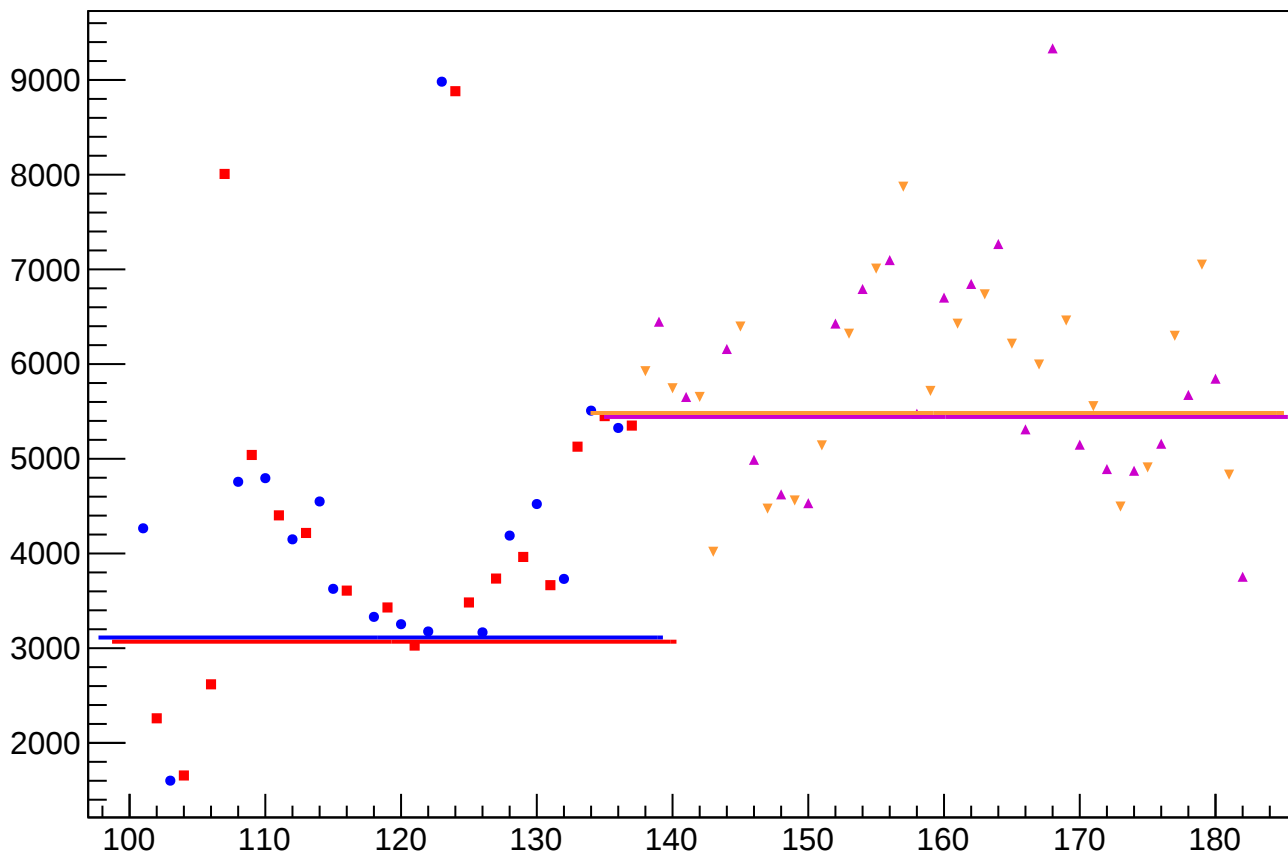
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2417.280+/-933.015 χ^2/NDF : 27.7/38

Out: 913.042+/-927.735 χ^2/NDF : 55.4/40

All: 1660.893+/-657.866 χ^2/NDF : 84.4/79

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5441.701+/-0.944 χ^2/NDF : 1234320.1/21

Left: 5462.616+/-0.667 χ^2/NDF : 2257652.4/44

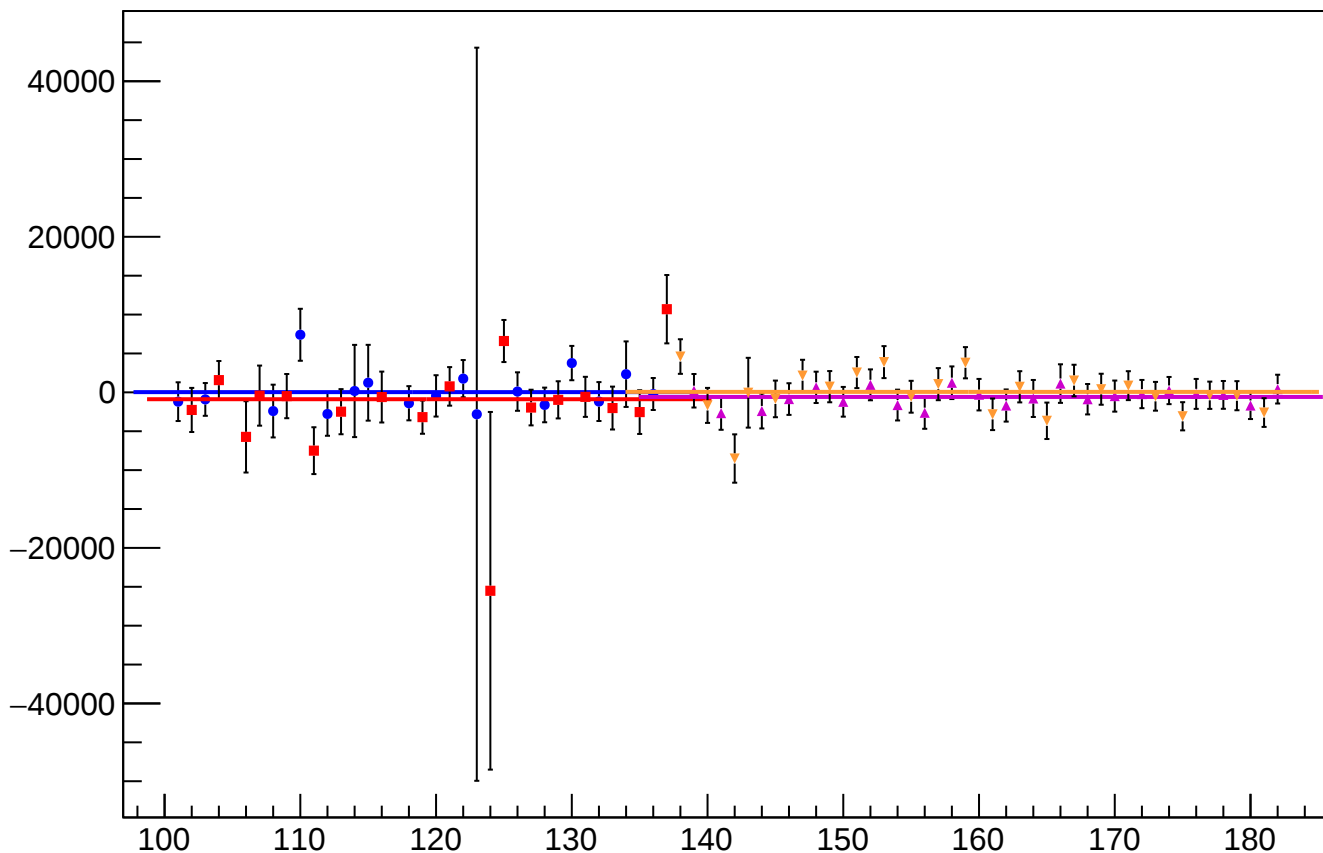
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 4250.480+/-0.660 χ^2/NDF : 6232779.9/38

Out: 4218.161+/-0.651 χ^2/NDF : 6456003.1/40

All: 4234.106+/-0.463 χ^2/NDF : 12689998.8/78

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -590.998+/-425.269 χ^2/NDF : 6.7/21

Left: -269.845+/-302.618 χ^2/NDF : 41.0/44

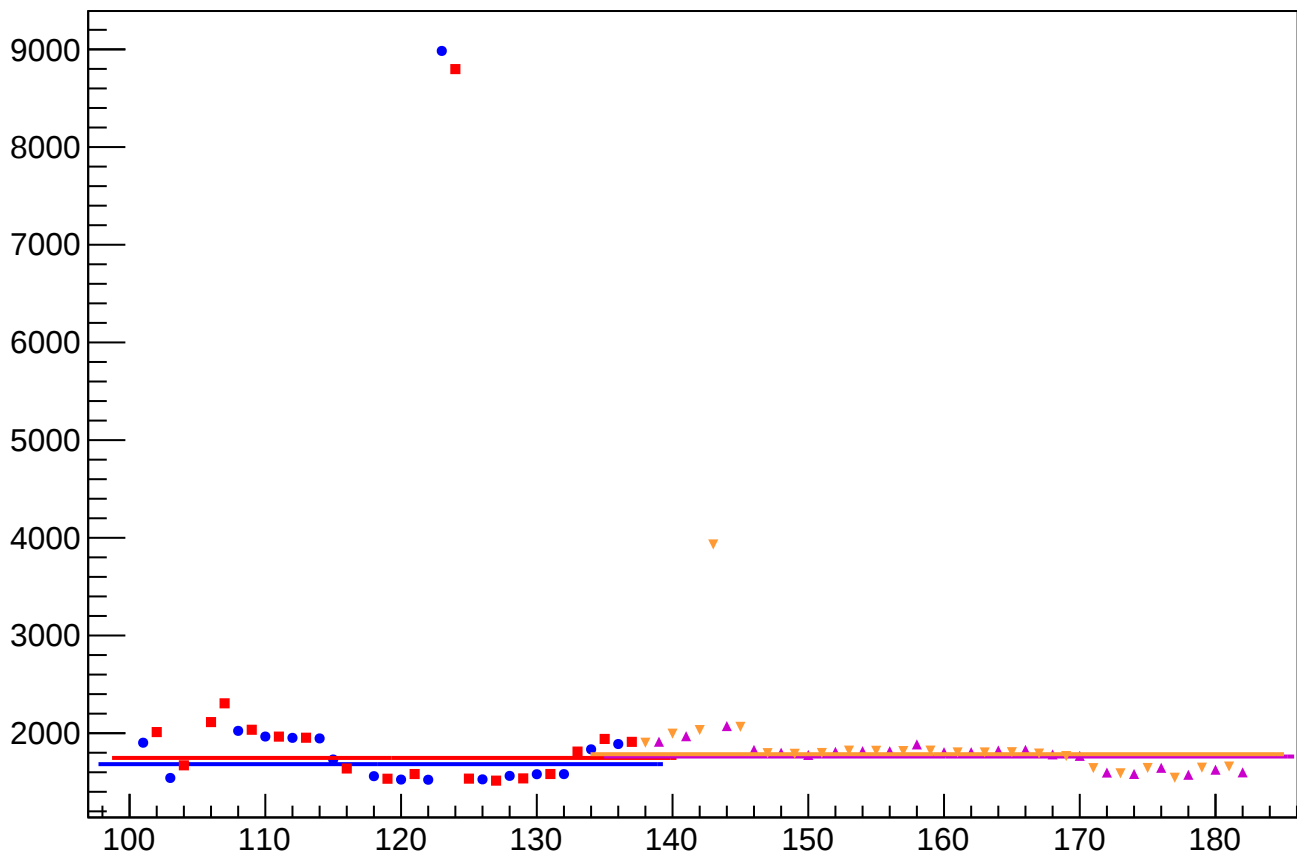
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -408.451+/-357.230 χ^2/NDF : 19.1/38

Out: -213.279+/-363.034 χ^2/NDF : 60.2/40

All: -312.437+/-254.627 χ^2/NDF : 79.5/79

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1785.075+/-0.305 χ^2/NDF : 629326.7/22

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

Left In: 1761.066+/-0.301 χ^2/NDF : 180225.2/21

Left: 1772.918+/-0.214 χ^2/NDF : 812698.7/44

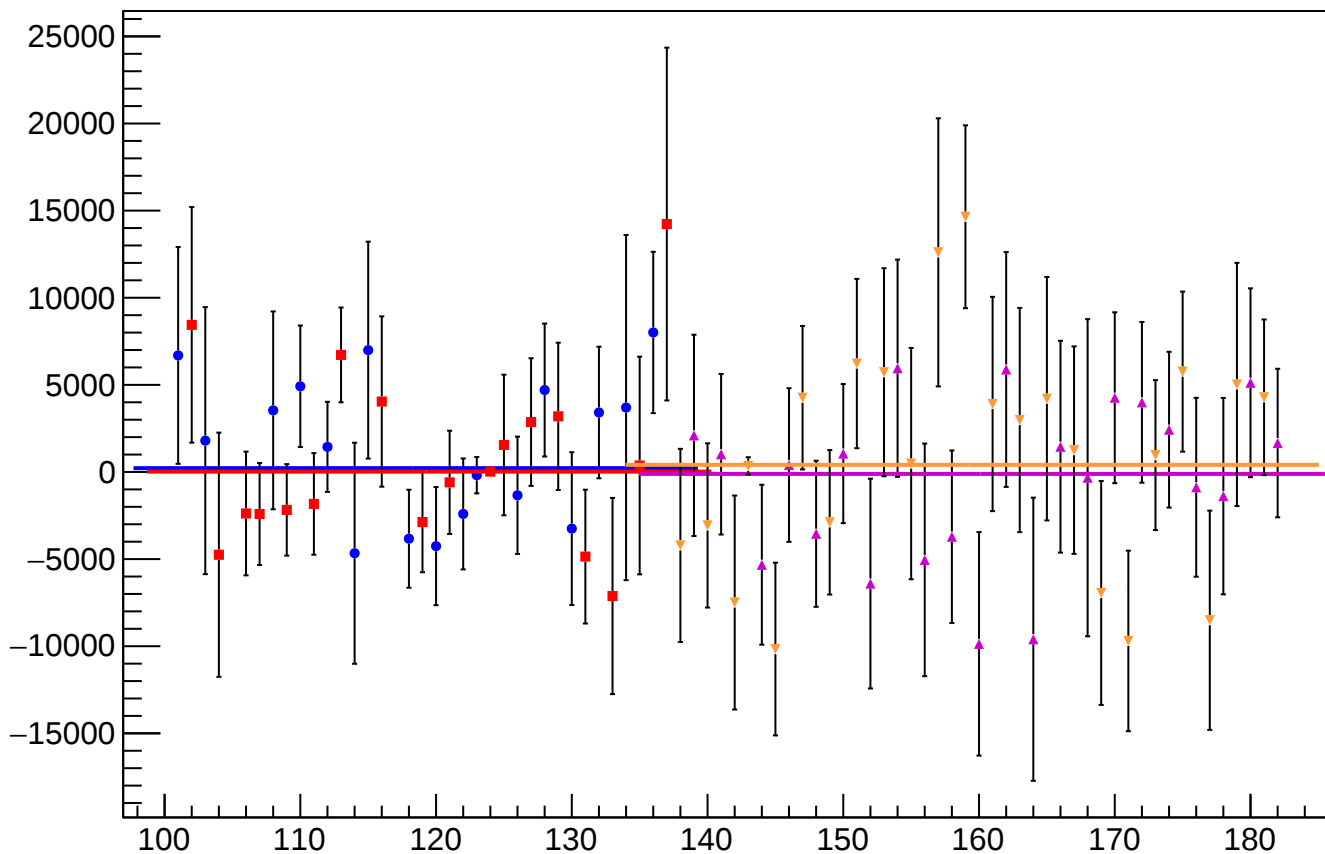
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1738.121+/-0.253 χ^2/NDF : 395859.4/38

Out: 1773.957+/-0.257 χ^2/NDF : 1040638.2/40

All: 1755.762+/-0.180 χ^2/NDF : 1446405.1/79

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 411.444+/-457.493 χ^2/NDF :31.6/22

Right Out: 21.945+/-114.135 χ^2/NDF : 18.6/17

Left In: -111.108+/-1111.213 χ^2/NDF :13.0/21

Left: 335.708+/-423.043 χ^2/NDF : 44.7/44

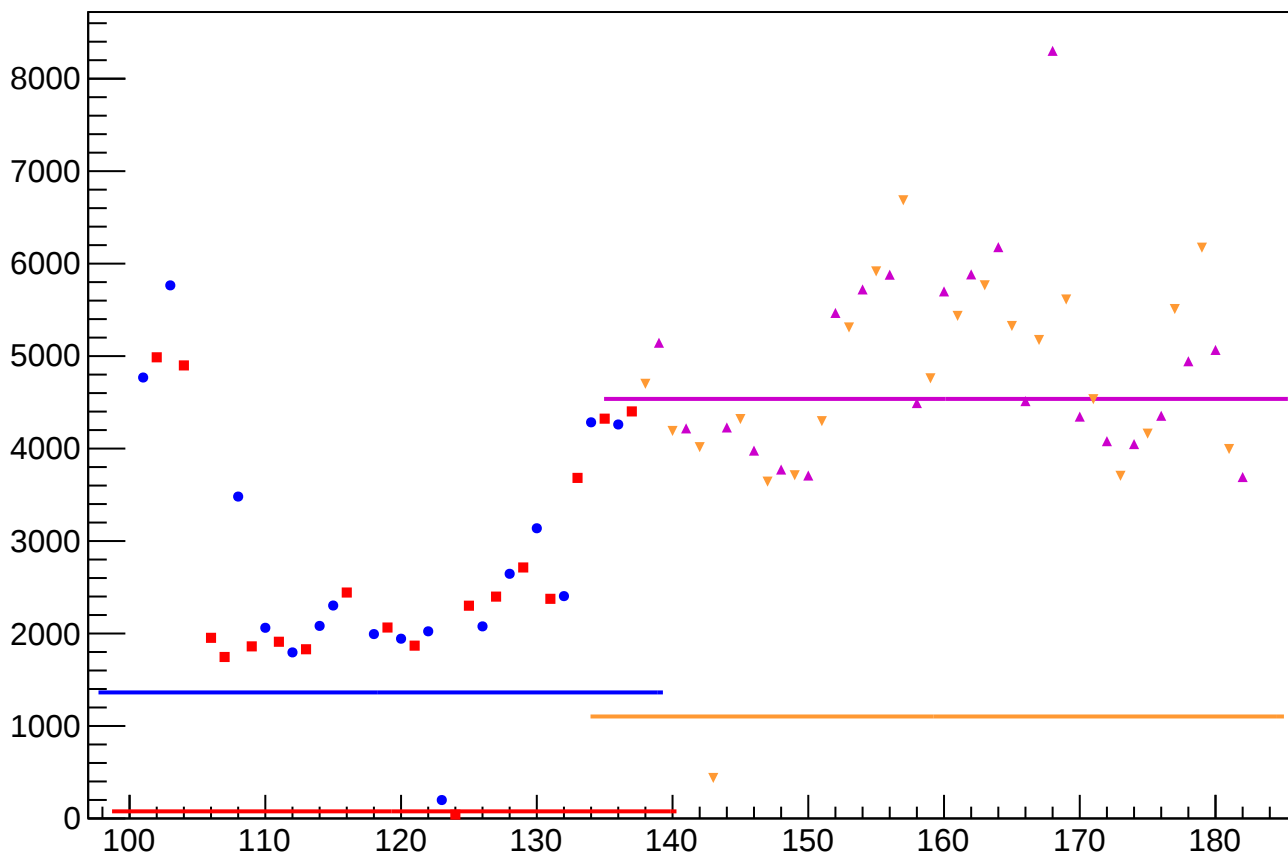
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: 121.785+/-604.788 χ^2/NDF :28.9/38

Out: 44.767+/-110.741 χ^2/NDF :50.8/40

All: 47.265+/-108.930 χ^2/NDF : 79.7/79

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4536.997 $\pm$ 0.786 χ^2 /NDF: 1152802.9/21

Left: 1600.486 $\pm$ 0.299 χ^2 /NDF: 40575904.0/44

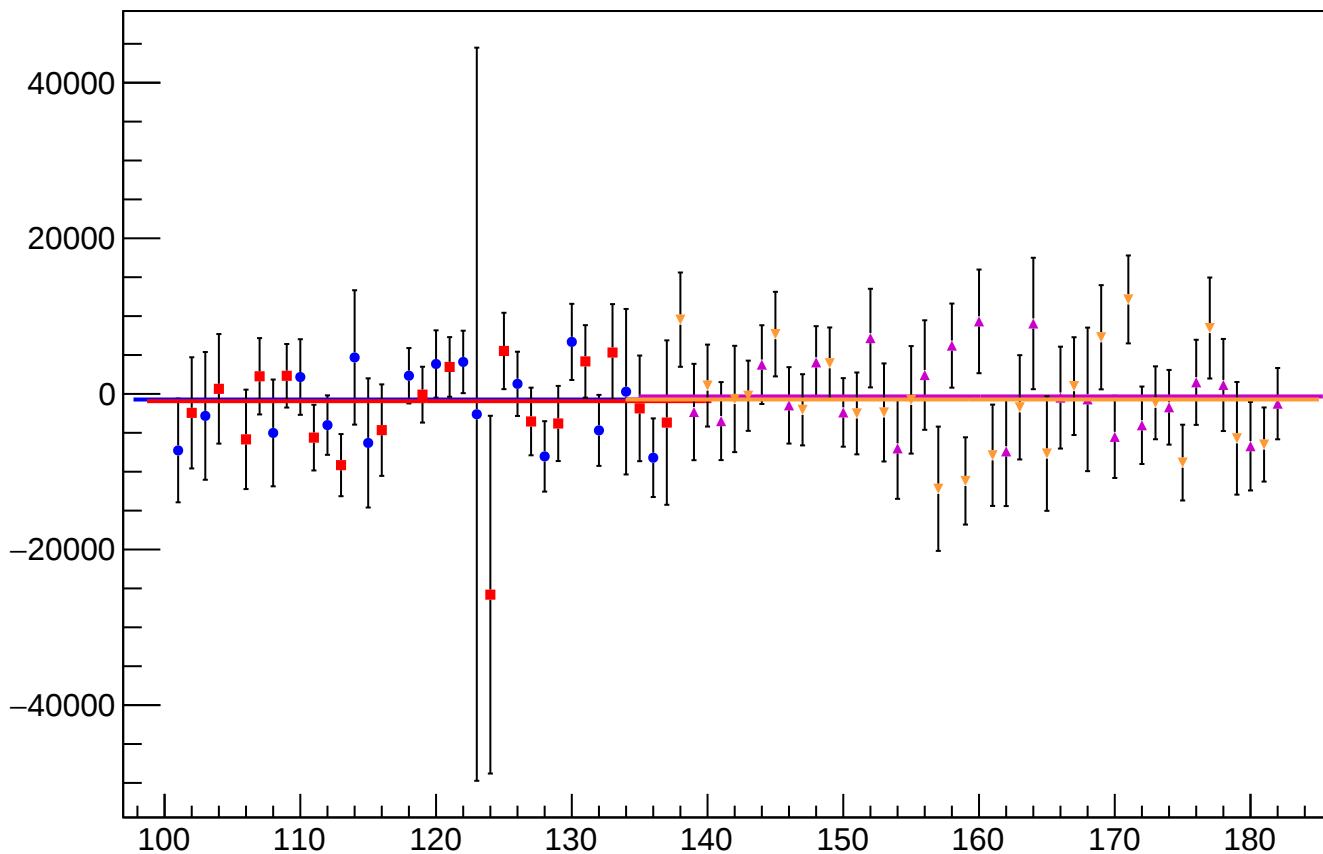
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2303.084 $\pm$ 0.428 χ^2 /NDF: 18873612.7/38

Out: 136.943 $\pm$ 0.078 χ^2 /NDF: 45671151.0/40

All: 207.214 $\pm$ 0.077 χ^2 /NDF: 89368928.0/79

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -325.032+/-1196.057 χ^2/NDF : 13.8/21

Left: -521.605+/-842.378 χ^2/NDF : 41.6/44

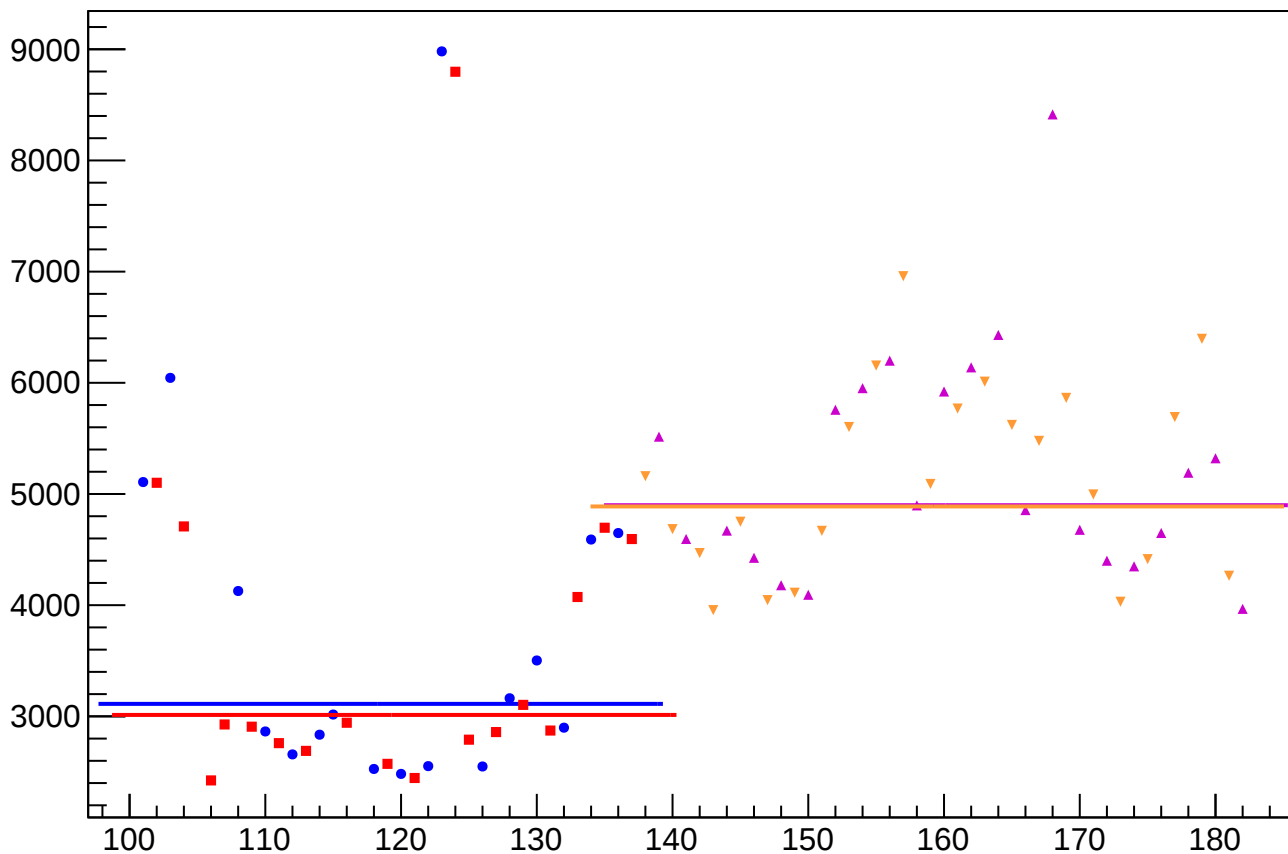
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -514.121+/-865.012 χ^2/NDF : 28.6/38

Out: -822.683+/-841.819 χ^2/NDF : 42.7/40

All: -672.594+/-603.289 χ^2/NDF : 71.4/79

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4899.045 $\pm$ 0.846 χ^2 /NDF: 940331.0/21

Left: 4893.428 $\pm$ 0.596 χ^2 /NDF: 1810840.5/44

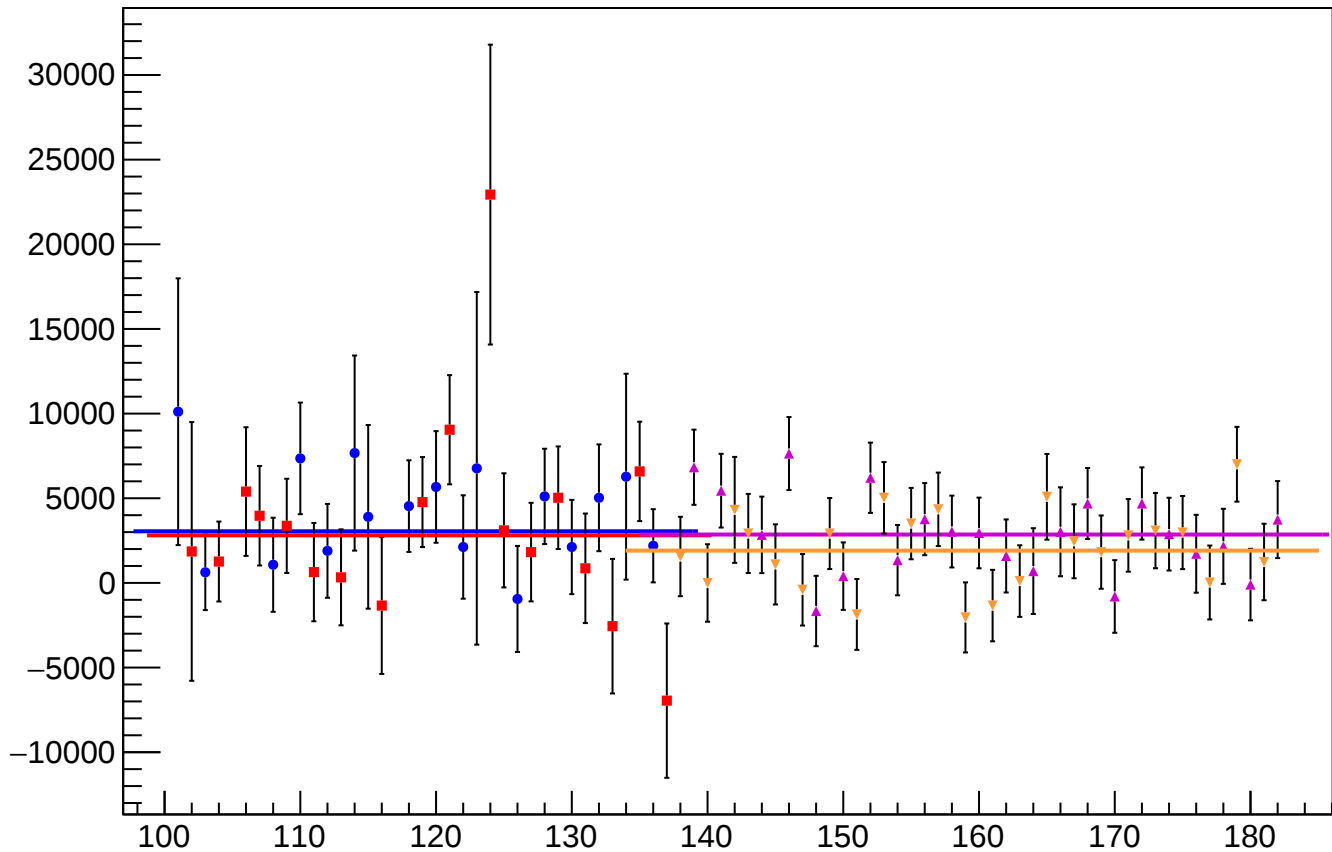
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 4046.815 $\pm$ 0.612 χ^2 /NDF: 4027764.0/38

Out: 3944.702 $\pm$ 0.592 χ^2 /NDF: 4156884.1/40

All: 3994.050 $\pm$ 0.425 χ^2 /NDF: 8199049.8/79

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1908.541 $\pm$ 462.120 χ^2/NDF : 25.6/22

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

Left In: 2857.152 $\pm$ 463.723 χ^2/NDF : 27.1/21

Left: 2381.203 $\pm$ 327.333 χ^2/NDF : 54.7/44

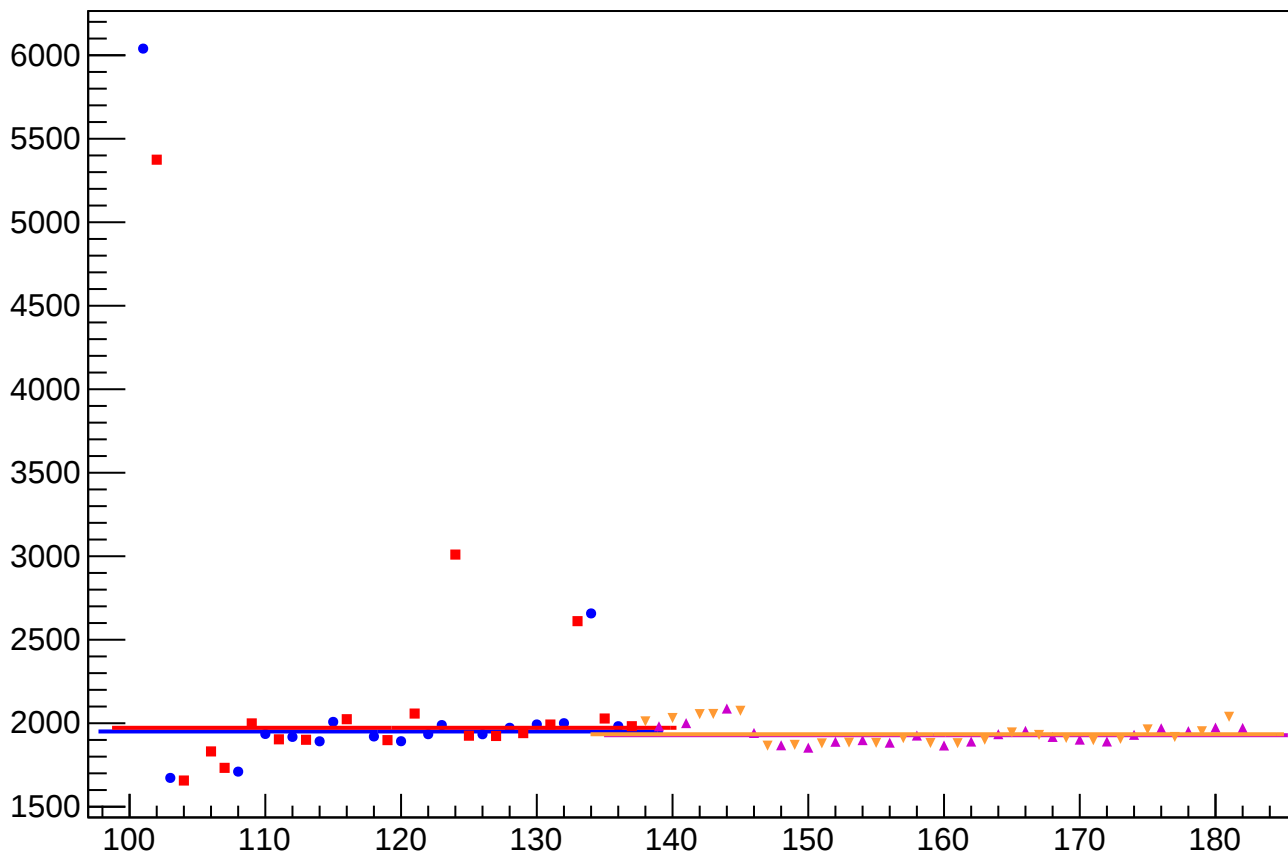
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 2908.010 $\pm$ 397.564 χ^2/NDF : 36.4/38

Out: 2148.752 $\pm$ 395.718 χ^2/NDF : 48.6/40

All: 2526.614 $\pm$ 280.465 χ^2/NDF : 86.8/79

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1928.291 $\pm$ 0.328 χ^2 /NDF:25991.8/21

Left: 1931.196 $\pm$ 0.231 χ^2 /NDF: 64243.8/44

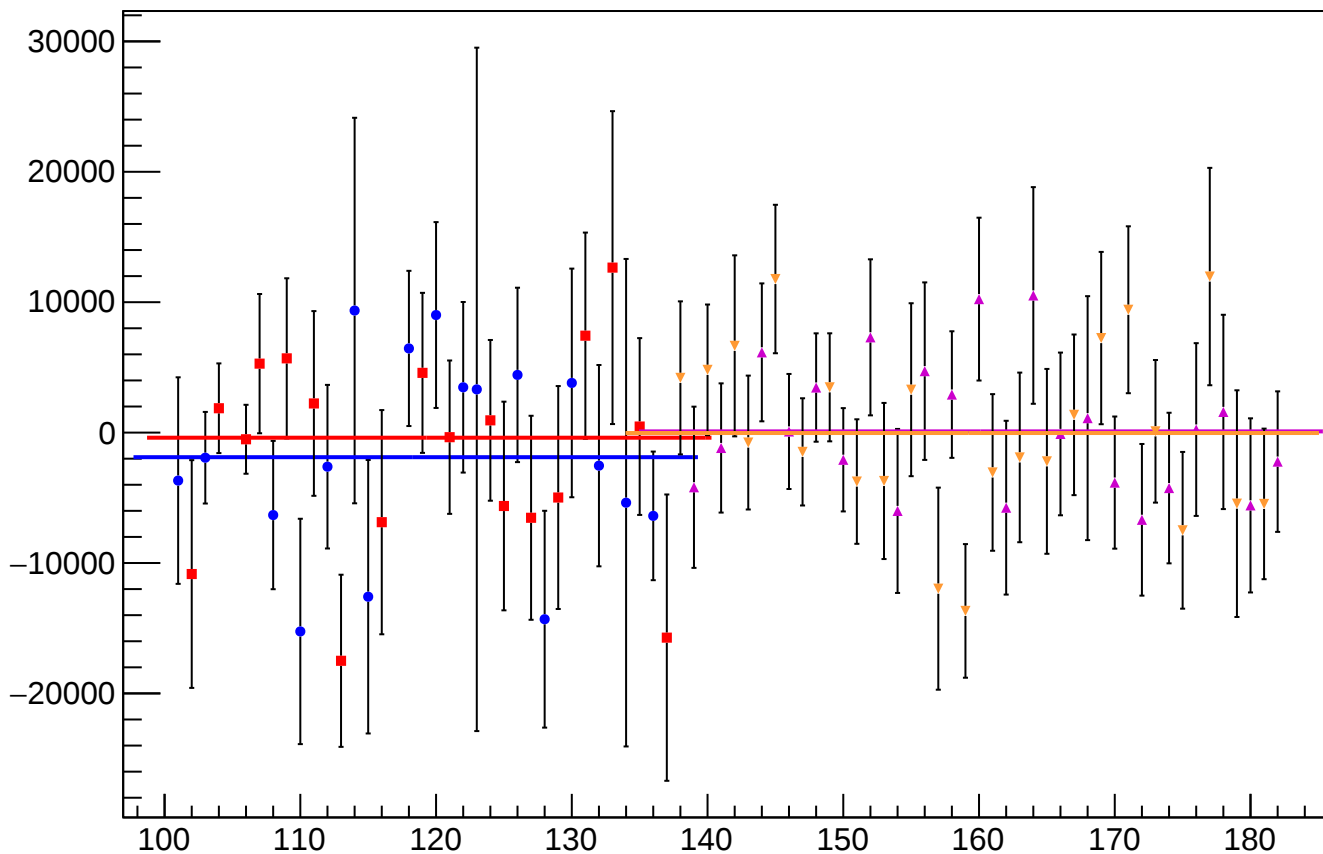
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1934.227 $\pm$ 0.281 χ^2 /NDF:642393.8/38

Out: 1944.397 $\pm$ 0.280 χ^2 /NDF:577499.8/40

All: 1939.337 $\pm$ 0.198 χ^2 /NDF: 1220551.1/79

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -32.162 $\pm$ 1204.829 χ^2 /NDF:27.0/22

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

Left In: 93.698 $\pm$ 1204.746 χ^2 /NDF:14.5/21

Left: 30.772 $\pm$ 851.913 χ^2 /NDF: 41.5/44

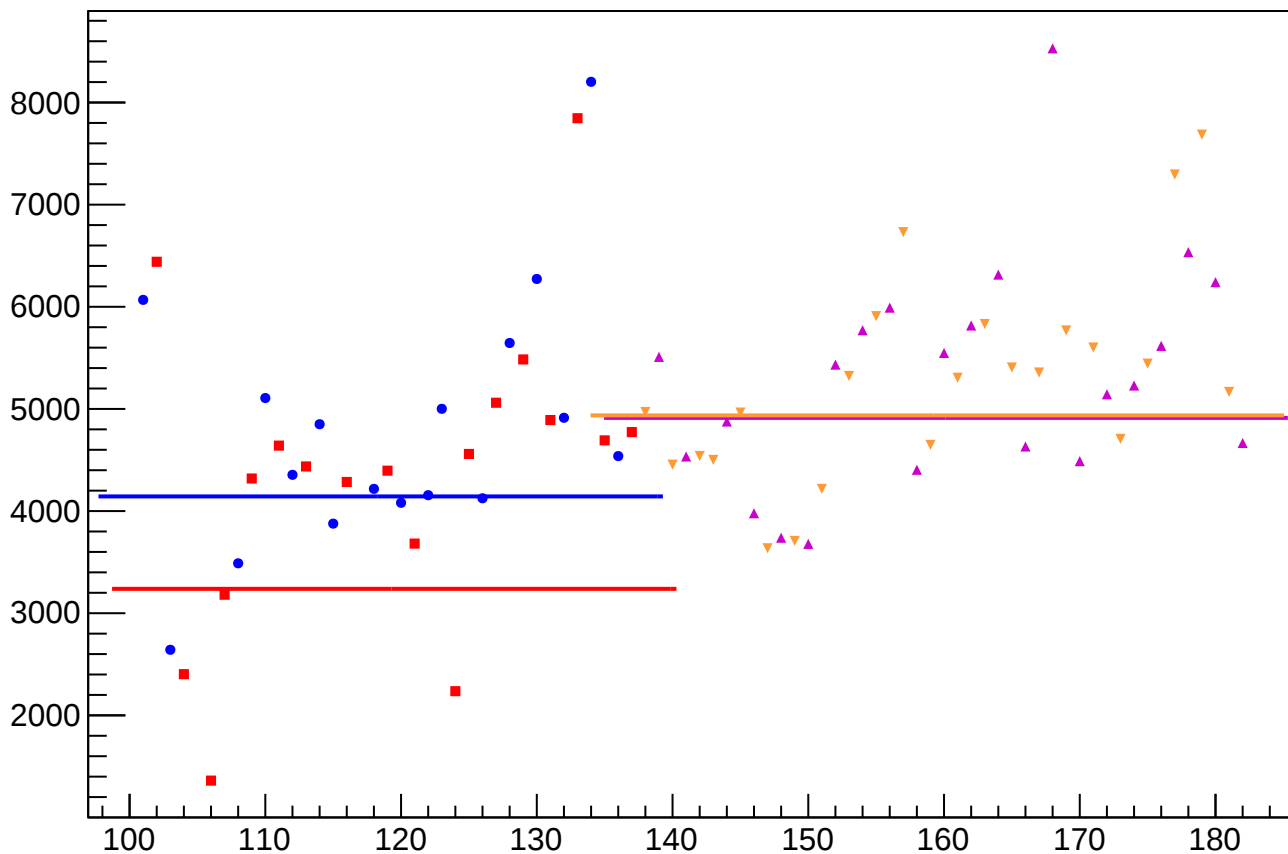
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -590.138 $\pm$ 974.617 χ^2 /NDF:29.5/38

Out: -189.931 $\pm$ 902.327 χ^2 /NDF:44.6/40

All: -374.643 $\pm$ 662.125 χ^2 /NDF: 74.2/79

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4912.424+/-0.852 χ^2/NDF : 1240001.4/21

Left: 4924.662+/-0.602 χ^2/NDF : 2364385.4/44

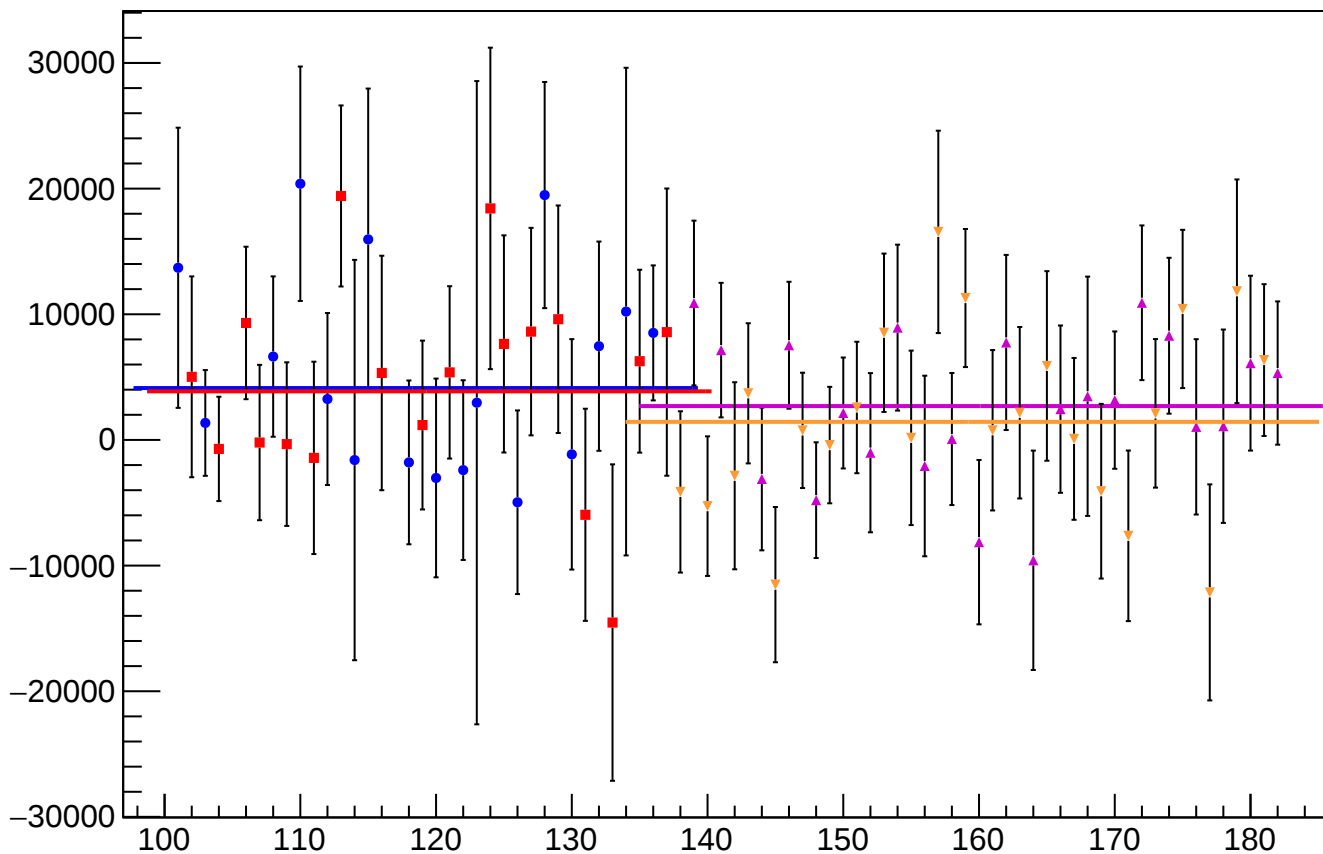
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4646.715+/-0.689 χ^2/NDF : 2377514.0/38

Out: 4191.155+/-0.638 χ^2/NDF : 5450903.0/40

All: 4401.415+/-0.468 χ^2/NDF : 8063708.2/79

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1439.562+/-1295.622 χ^2/NDF : 24.8/22

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

Left In: 2694.811+/-1295.655 χ^2/NDF : 17.2/21

Left: 2067.170+/-916.155 χ^2/NDF : 42.5/44

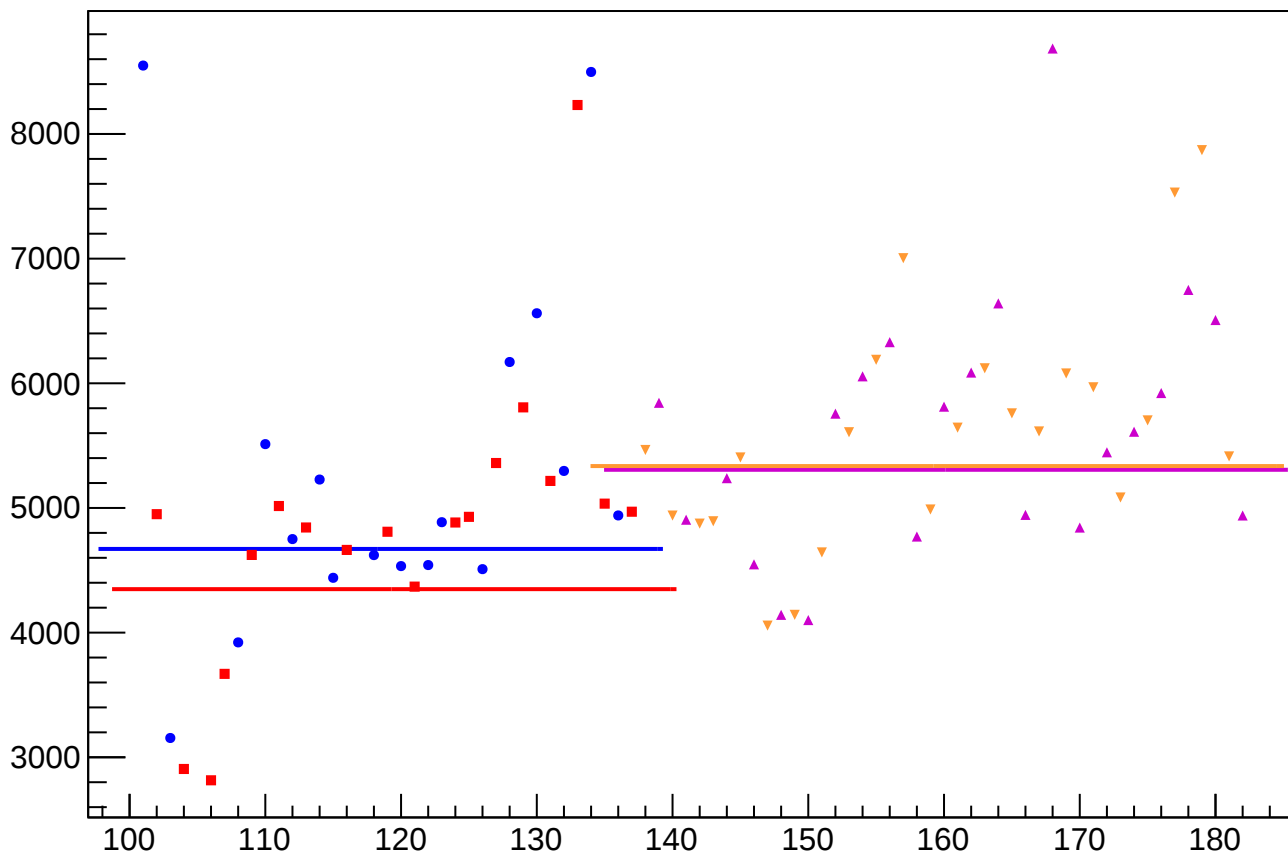
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3161.560+/-1063.714 χ^2/NDF : 31.3/38

Out: 2313.260+/-1036.495 χ^2/NDF : 40.3/40

All: 2726.418+/-742.349 χ^2/NDF : 71.9/79

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5336.010+/-0.916 χ^2/NDF : 866981.8/22

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

Left In: 5306.236+/-0.916 χ^2/NDF : 959784.4/21

Left: 5321.123+/-0.648 χ^2/NDF : 1827294.3/44

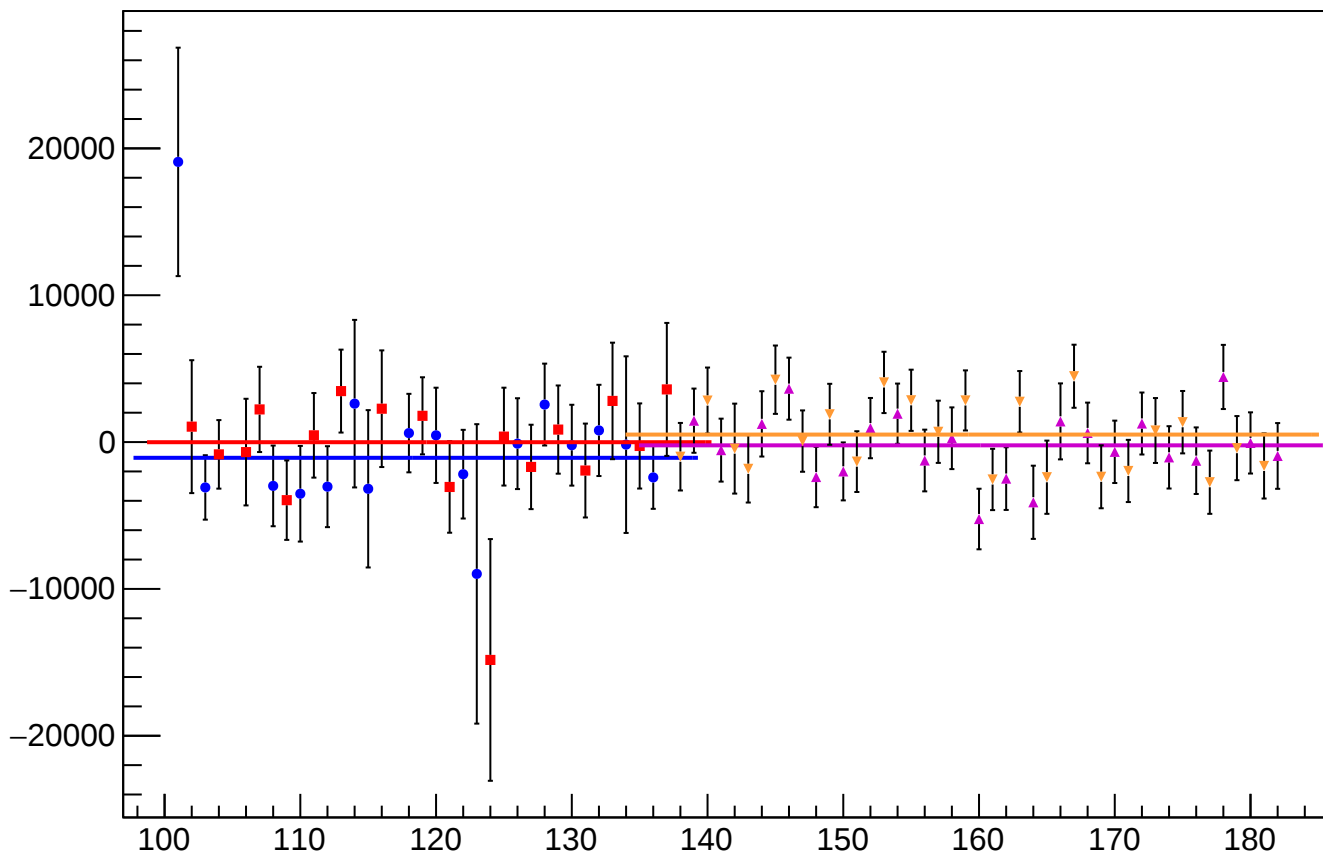
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 5099.264+/-0.752 χ^2/NDF : 1902455.8/38

Out: 4977.936+/-0.731 χ^2/NDF : 2080612.1/40

All: 5036.900+/-0.524 χ^2/NDF : 3996442.1/79

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 510.789 ± 455.727 $\chi^2/\text{NDF}: 26.7/22$

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

Left In: -222.170 ± 457.571 $\chi^2/\text{NDF}: 23.6/21$

Left: 145.790 ± 322.897 $\chi^2/\text{NDF}: 51.6/44$

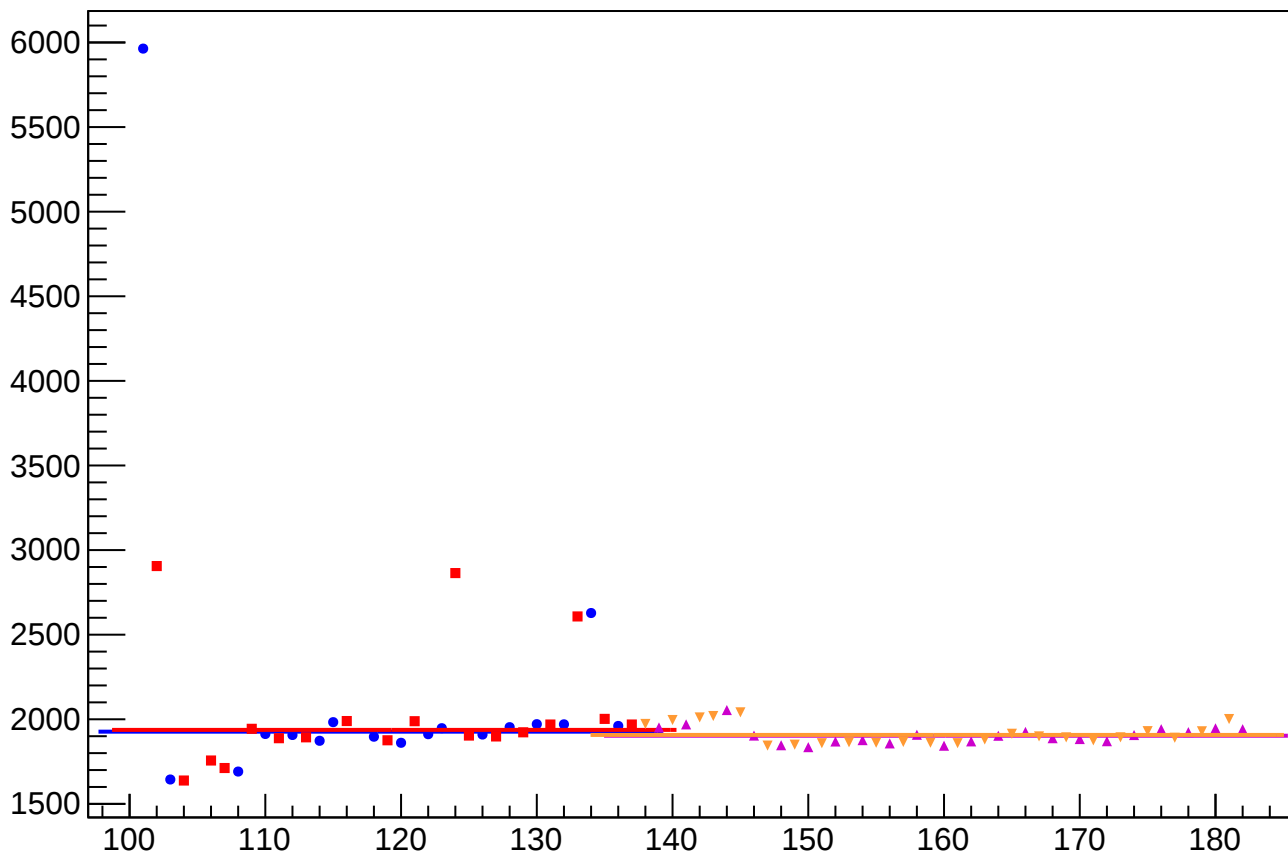
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -446.775 ± 392.412 $\chi^2/\text{NDF}: 38.2/38$

Out: 370.126 ± 389.196 $\chi^2/\text{NDF}: 38.5/40$

All: -34.964 ± 276.333 $\chi^2/\text{NDF}: 78.9/79$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.542+/-0.322 χ^2/NDF : 32613.5/22

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

Left In: 1902.834+/-0.324 χ^2/NDF : 23219.1/21

Left: 1905.197+/-0.228 χ^2/NDF : 55938.8/44

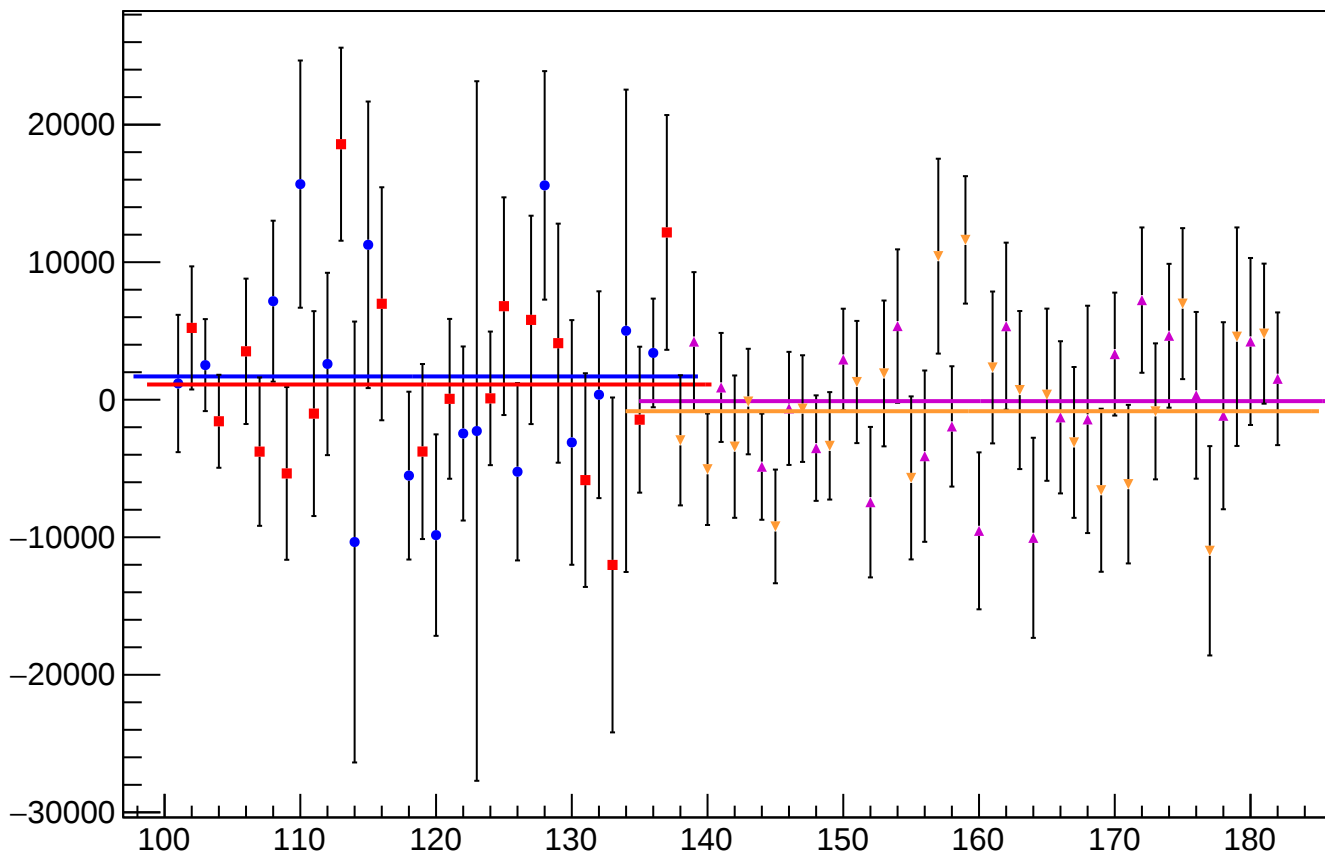
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1909.197+/-0.277 χ^2/NDF : 641797.7/38

Out: 1915.599+/-0.275 χ^2/NDF : 264000.5/40

All: 1912.425+/-0.195 χ^2/NDF : 906066.6/79

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -835.055+/-1048.977 χ^2/NDF : 24.9/22

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

Left In: -102.518+/-1066.257 χ^2/NDF : 16.6/21

Left: -474.771+/-747.773 χ^2/NDF : 41.8/44

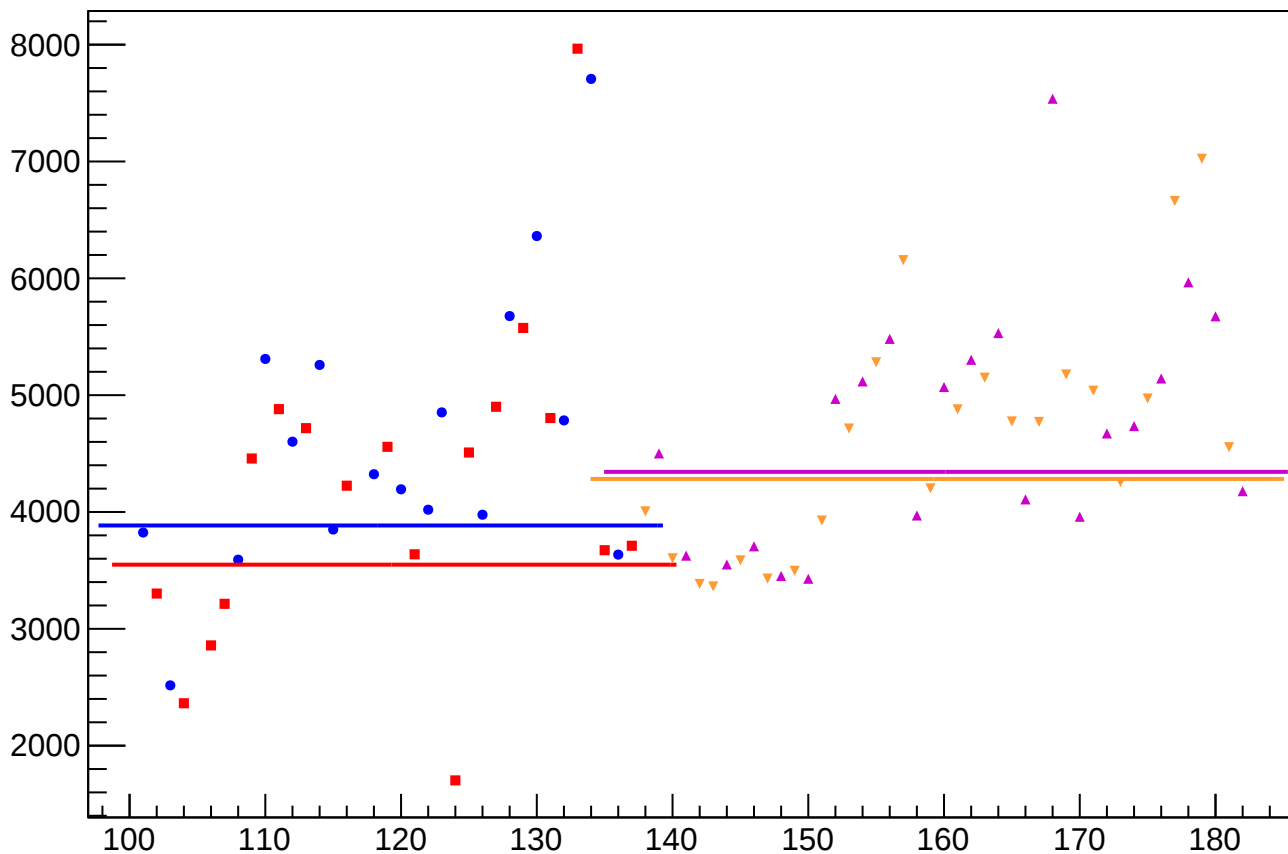
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 473.556+/-878.826 χ^2/NDF : 31.2/38

Out: -144.515+/-842.189 χ^2/NDF : 42.0/40

All: 151.369+/-608.057 χ^2/NDF : 73.4/79

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4282.795 $\pm$ 0.742 χ^2 /NDF:1343749.7/22

Right Out: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

Left In: 4343.572 $\pm$ 0.754 χ^2 /NDF:1295295.5/21

Left: 4312.687 $\pm$ 0.529 χ^2 /NDF: 2642347.2/44

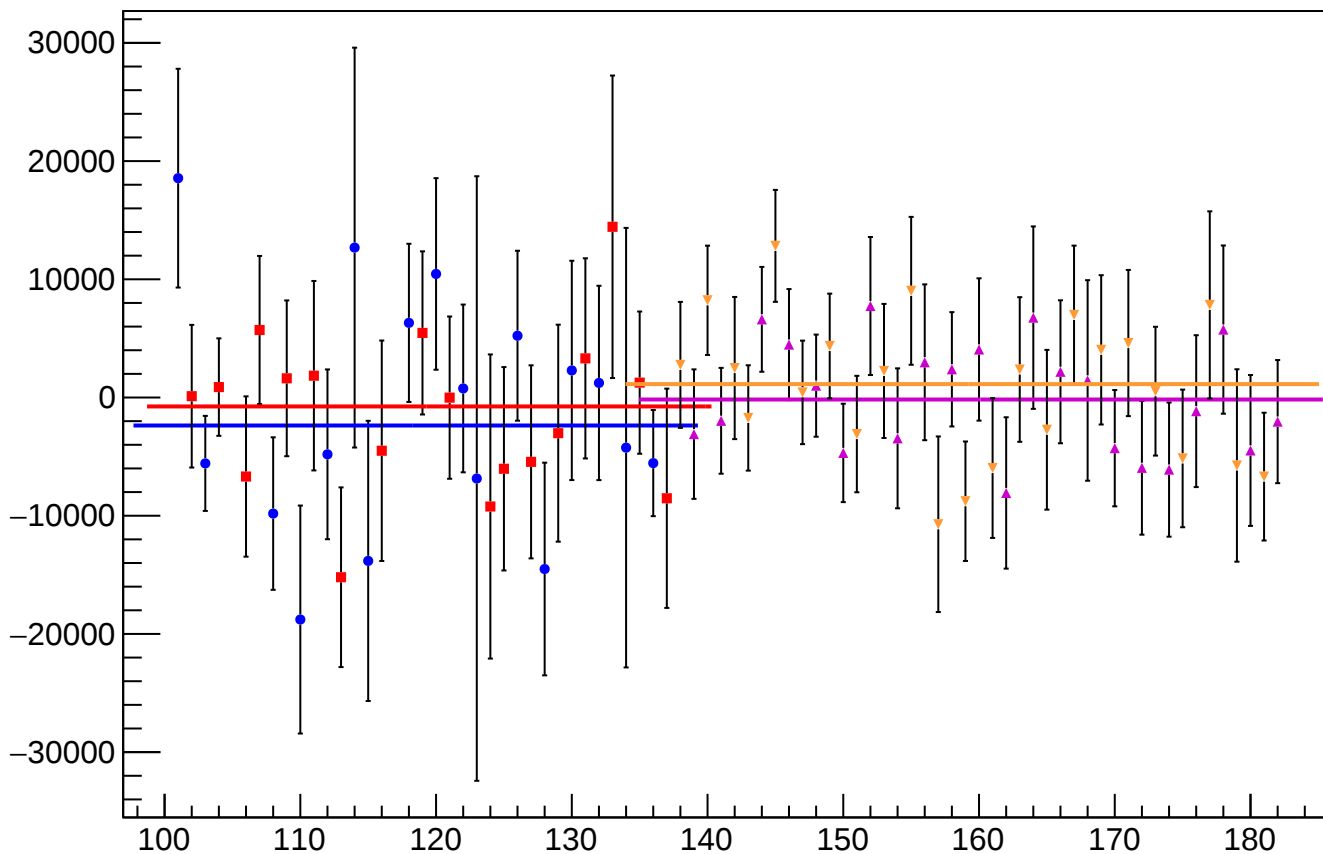
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4196.395 $\pm$ 0.621 χ^2 /NDF:2240689.9/38

Out: 4022.049 $\pm$ 0.596 χ^2 /NDF:3018403.4/40

All: 4105.513 $\pm$ 0.430 χ^2 /NDF: 5300124.8/79

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -168.365 $\pm$ 1167.621 χ^2 /NDF:14.8/21

Left: 489.796 $\pm$ 821.295 χ^2 /NDF: 41.8/44

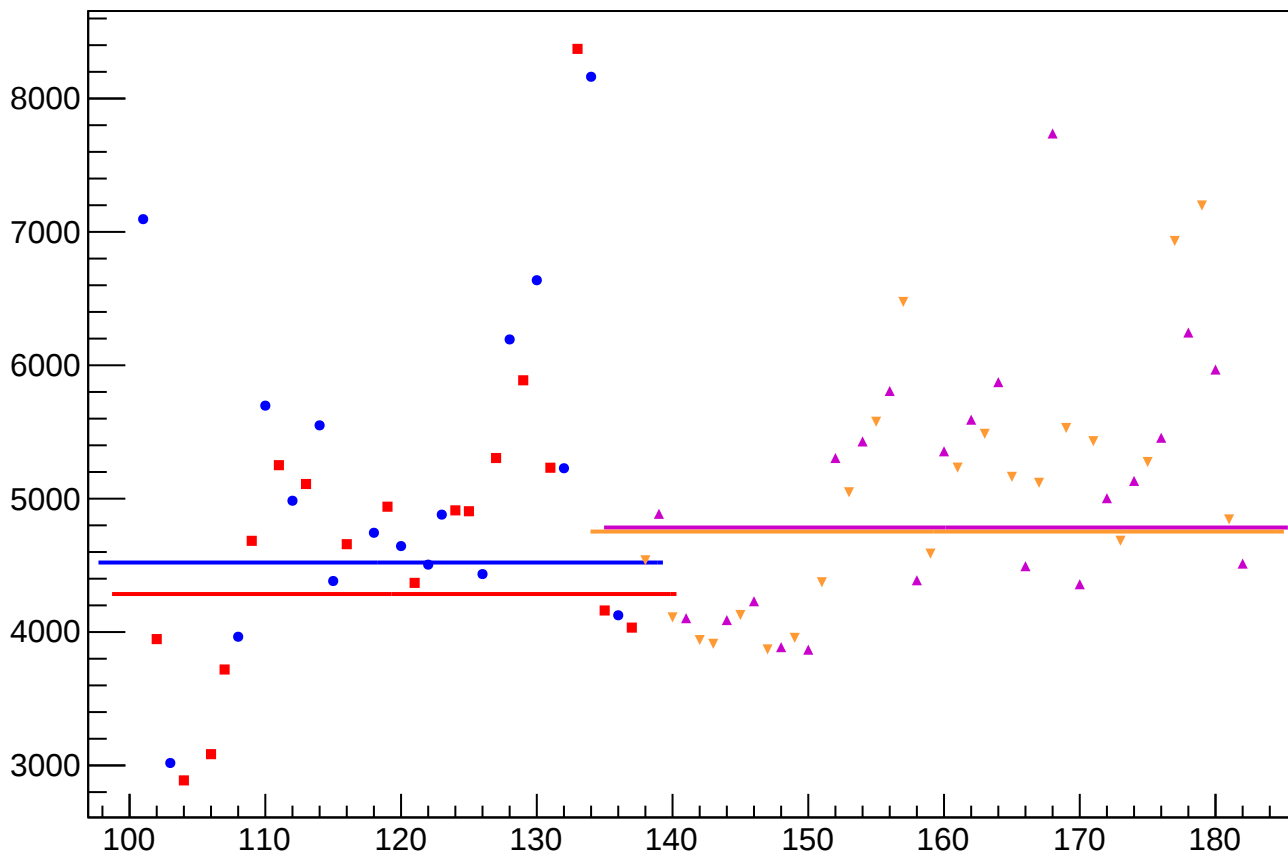
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -818.687 $\pm$ 979.888 χ^2 /NDF:36.0/38

Out: 533.745 $\pm$ 954.385 χ^2 /NDF:37.7/40

All: -124.642 $\pm$ 683.690 χ^2 /NDF: 74.7/79

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4783.695+/-0.826 χ^2/NDF : 951012.7/21

Left: 4768.391+/-0.581 χ^2/NDF : 1904519.7/44

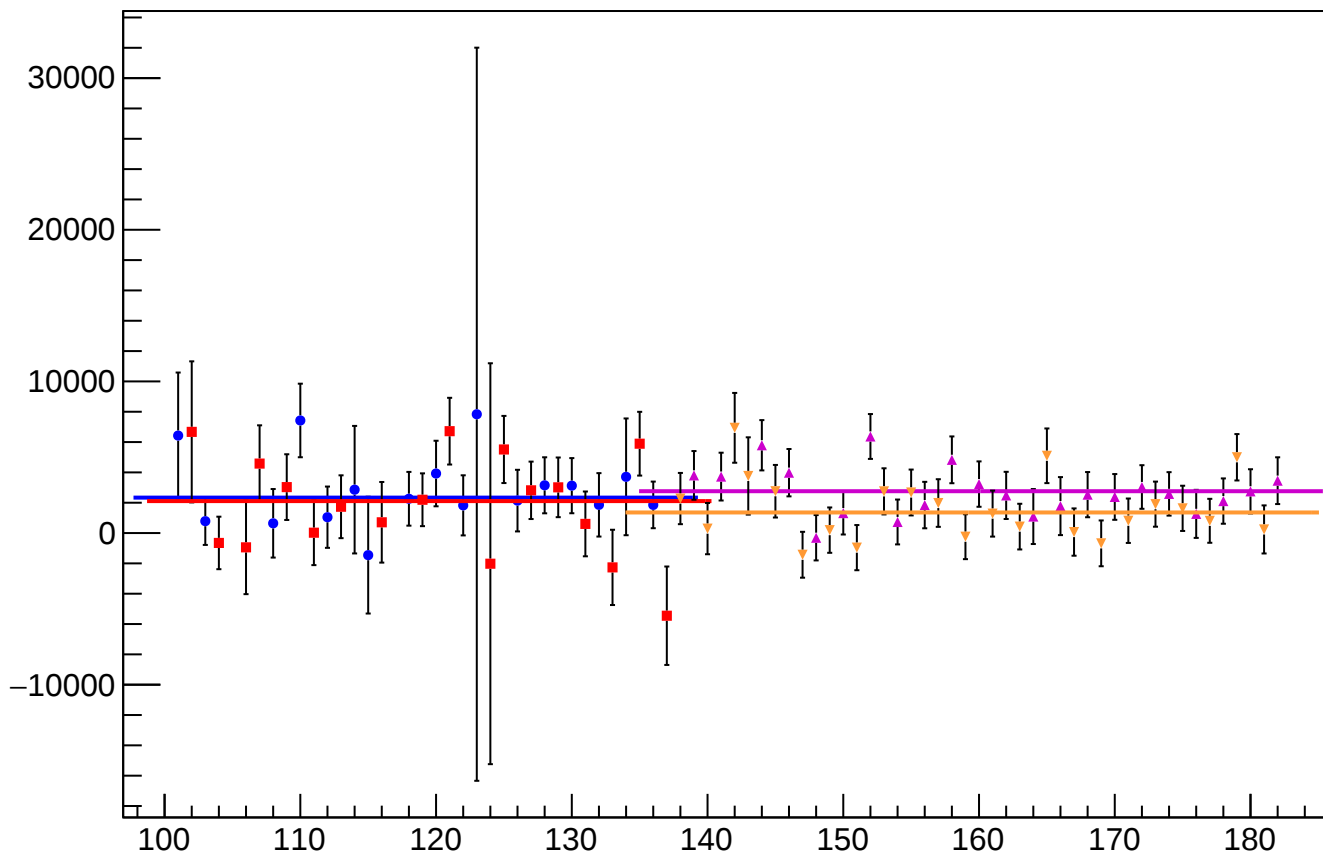
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4706.080+/-0.693 χ^2/NDF : 1759571.8/38

Out: 4603.457+/-0.674 χ^2/NDF : 1804430.3/40

All: 4653.325+/-0.483 χ^2/NDF : 3575278.9/79

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2759.387 $\pm$ 327.743 χ^2 /NDF:22.7/21

Left: 2064.664 $\pm$ 232.781 χ^2 /NDF: 63.0/44

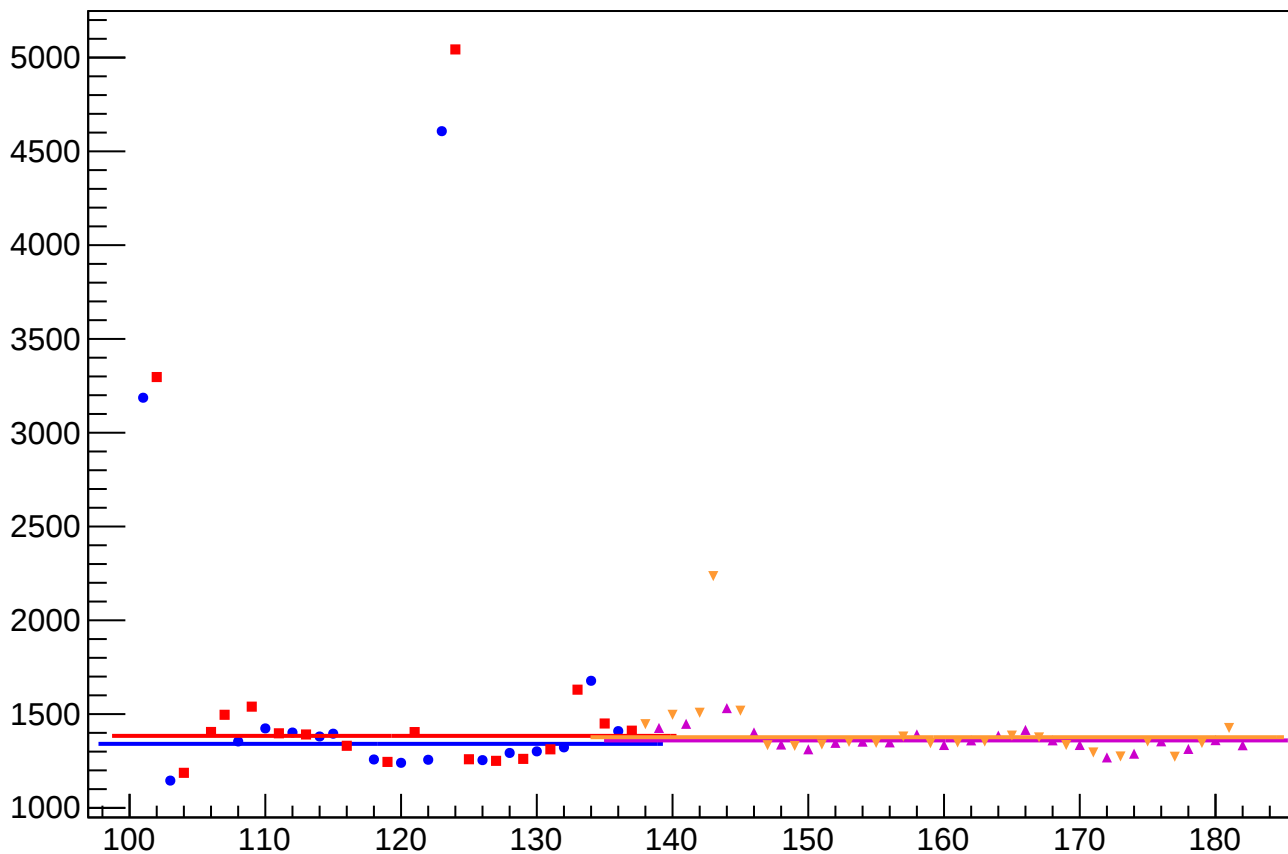
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2642.900 $\pm$ 278.916 χ^2 /NDF:32.8/38

Out: 1562.107 $\pm$ 281.949 χ^2 /NDF:59.0/40

All: 2108.349 $\pm$ 198.287 χ^2 /NDF: 99.2/79

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1376.729 $\pm$ 0.234 χ^2 /NDF: 299302.9/22

Right Out: 1383.916 $\pm$ 0.381 χ^2 /NDF: 593846.2/17

Left In: 1359.694 $\pm$ 0.232 χ^2 /NDF: 55037.2/21

Left: 1368.135 $\pm$ 0.165 χ^2 /NDF: 357017.6/44

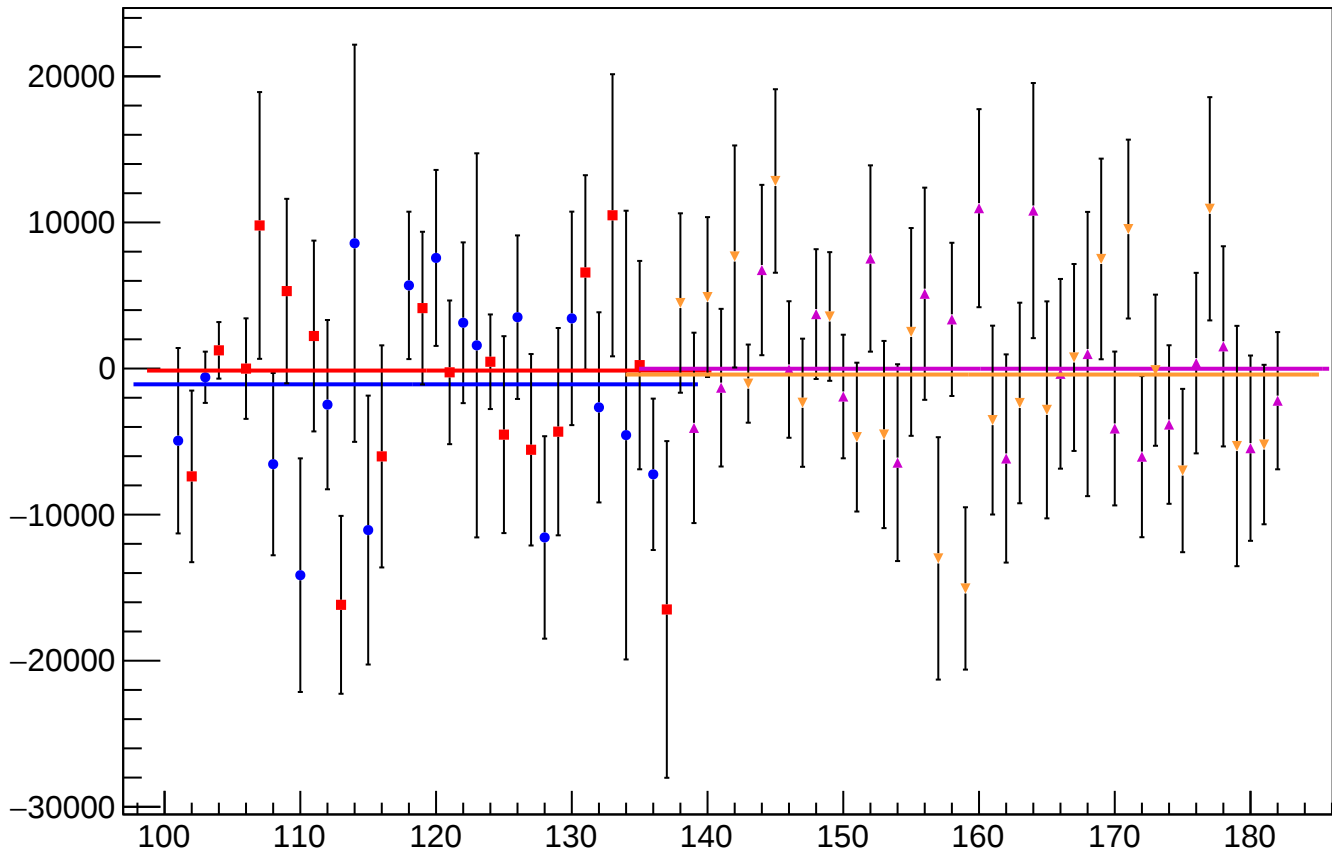
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1354.642 $\pm$ 0.197 χ^2 /NDF: 561032.5/38

Out: 1378.693 $\pm$ 0.199 χ^2 /NDF: 893407.2/40

All: 1366.539 $\pm$ 0.140 χ^2 /NDF: 1461795.7/79

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -14.347 $\pm$ 1239.329 χ^2 /NDF:14.1/21

Left: -226.430 $\pm$ 846.049 χ^2 /NDF: 42.1/44

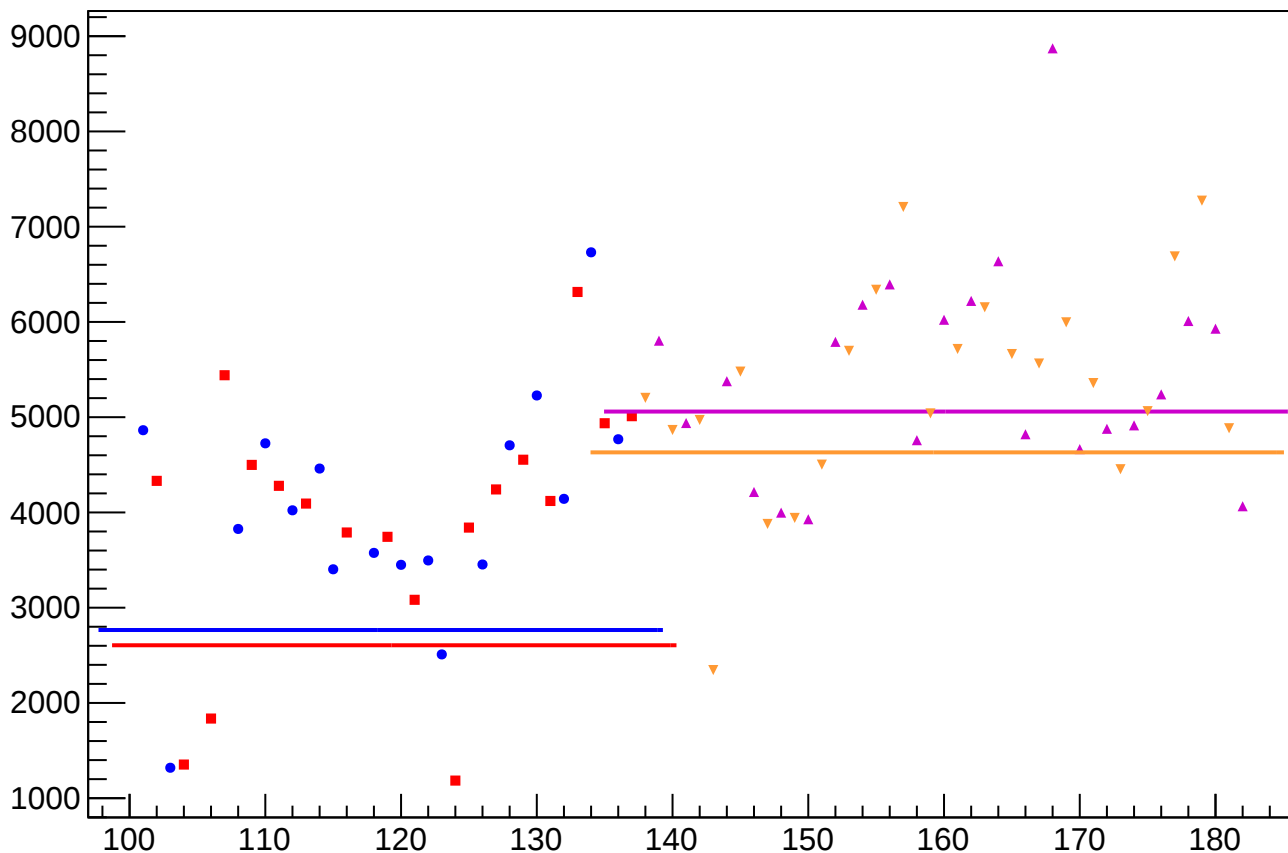
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -559.416 $\pm$ 866.654 χ^2 /NDF:29.5/38

Out: -271.788 $\pm$ 808.435 χ^2 /NDF:45.9/40

All: -405.617 $\pm$ 591.161 χ^2 /NDF: 75.5/79

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5059.059 $\pm$ 0.876 χ^2 /NDF: 1162366.3/21

Left: 4830.296 $\pm$ 0.598 χ^2 /NDF: 4008478.1/44

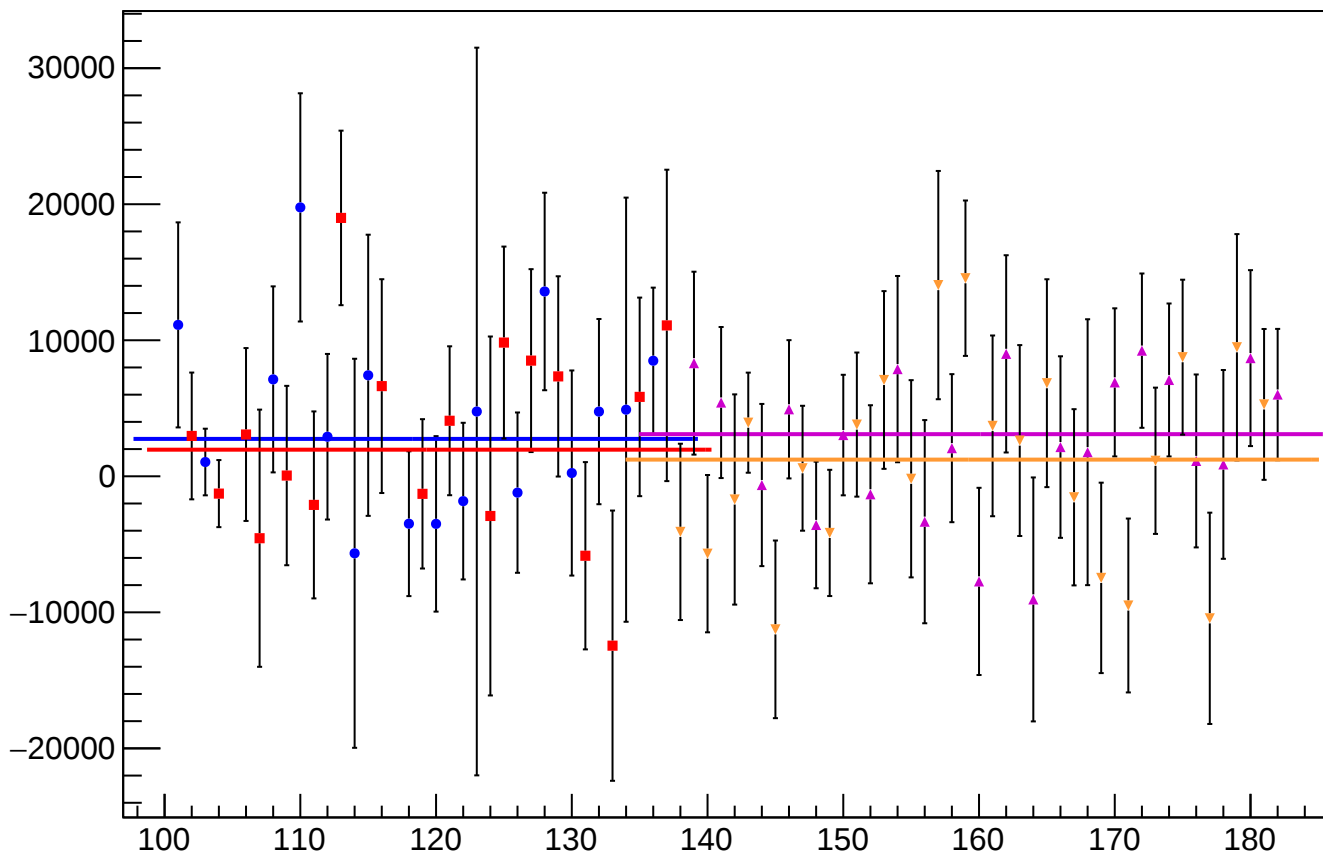
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3887.195 $\pm$ 0.613 χ^2 /NDF: 7600896.0/38

Out: 3592.856 $\pm$ 0.572 χ^2 /NDF: 9176329.8/40

All: 3729.808 $\pm$ 0.418 χ^2 /NDF: 16900580.7/77

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3097.050+/-1281.101 χ^2/NDF : 13.6/21

Left: 2136.968+/-893.792 χ^2/NDF : 42.1/44

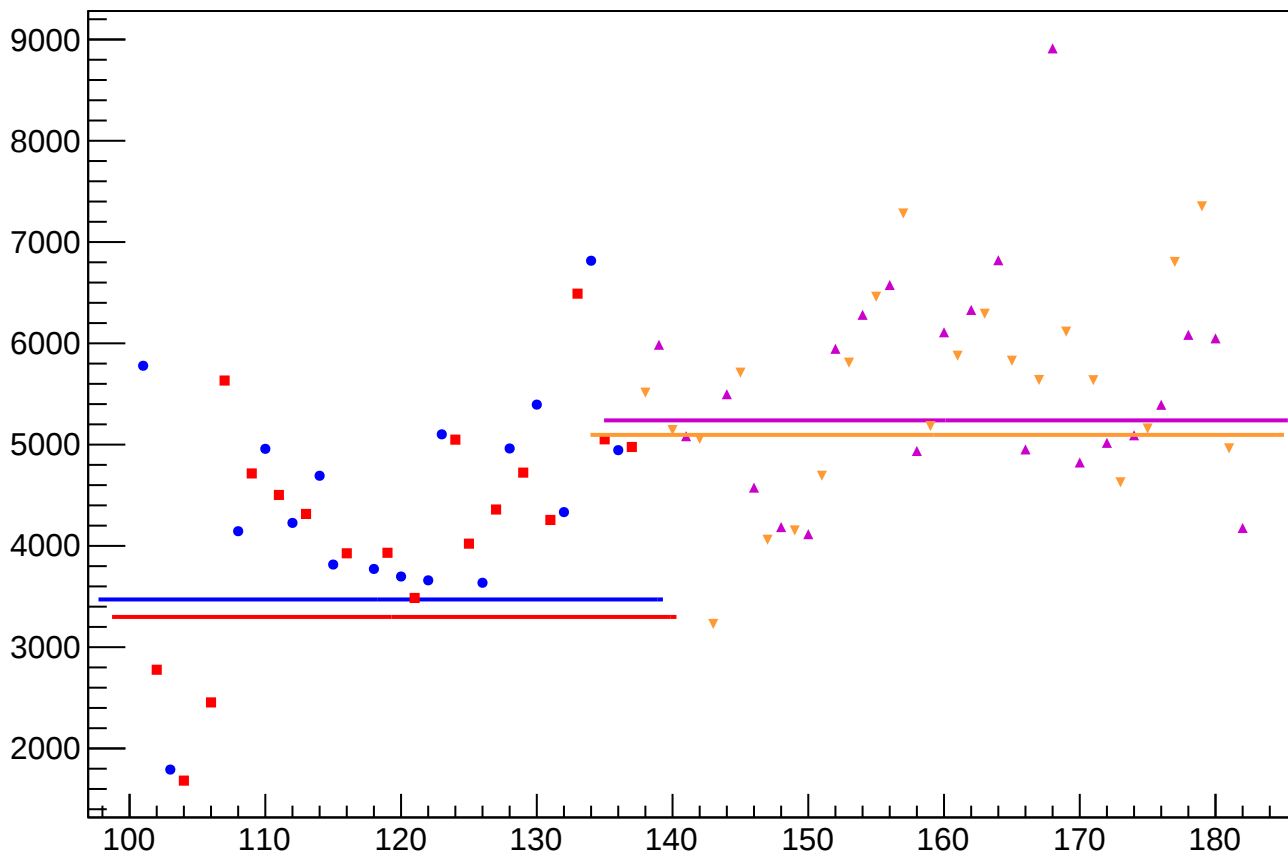
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2943.753+/-959.085 χ^2/NDF : 27.4/38

Out: 1553.401+/-926.754 χ^2/NDF : 45.4/40

All: 2224.747+/-666.451 χ^2/NDF : 73.9/79

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5239.279+/-0.906 χ^2/NDF : 1036014.5/21

Left: 5165.849+/-0.632 χ^2/NDF : 2451933.5/44

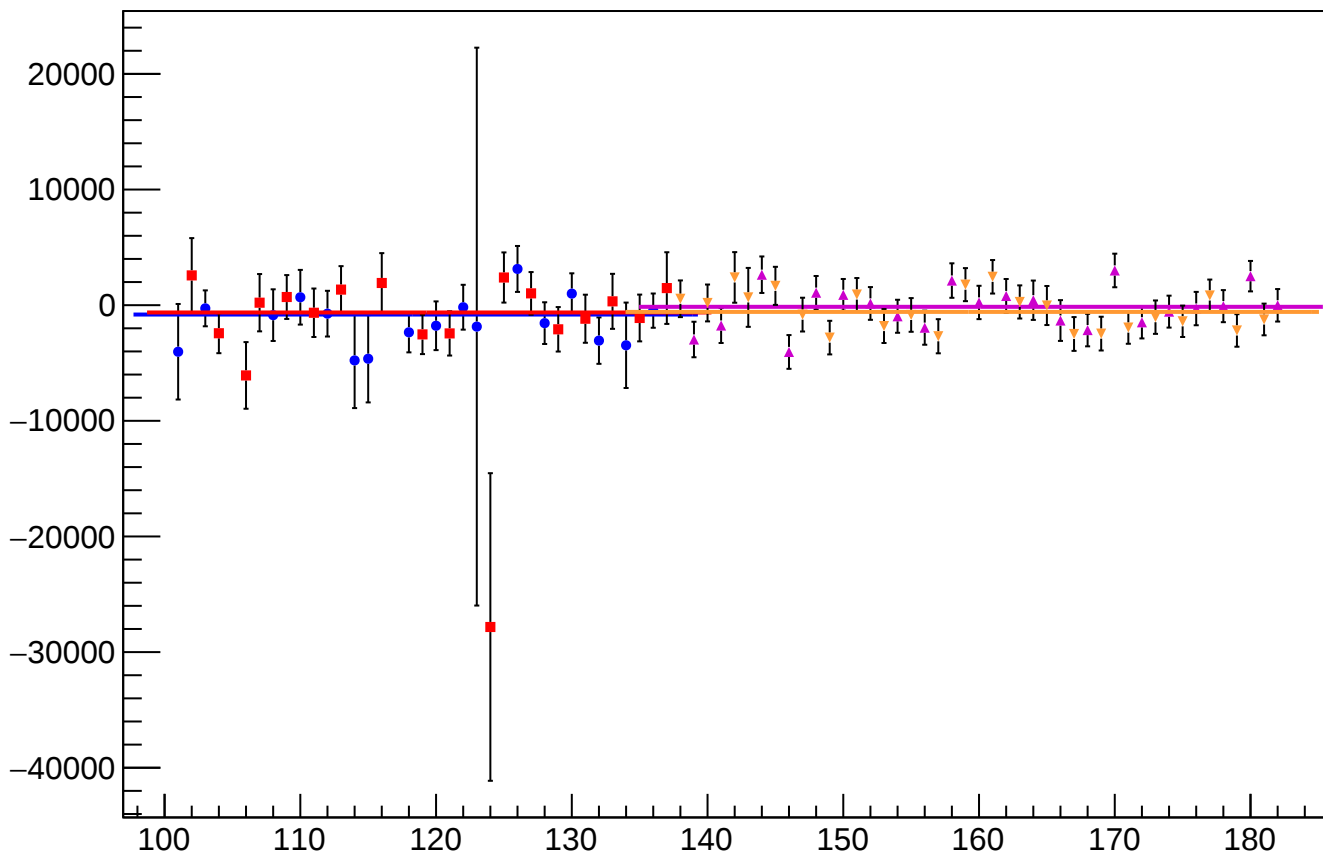
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4462.103+/-0.678 χ^2/NDF : 4478447.5/38

Out: 4282.354+/-0.653 χ^2/NDF : 5168958.2/40

All: 4368.776+/-0.470 χ^2/NDF : 9683880.7/79

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -141.163+/-310.679 χ^2/NDF : 33.1/21

Left: -359.288+/-220.580 χ^2/NDF : 60.0/44

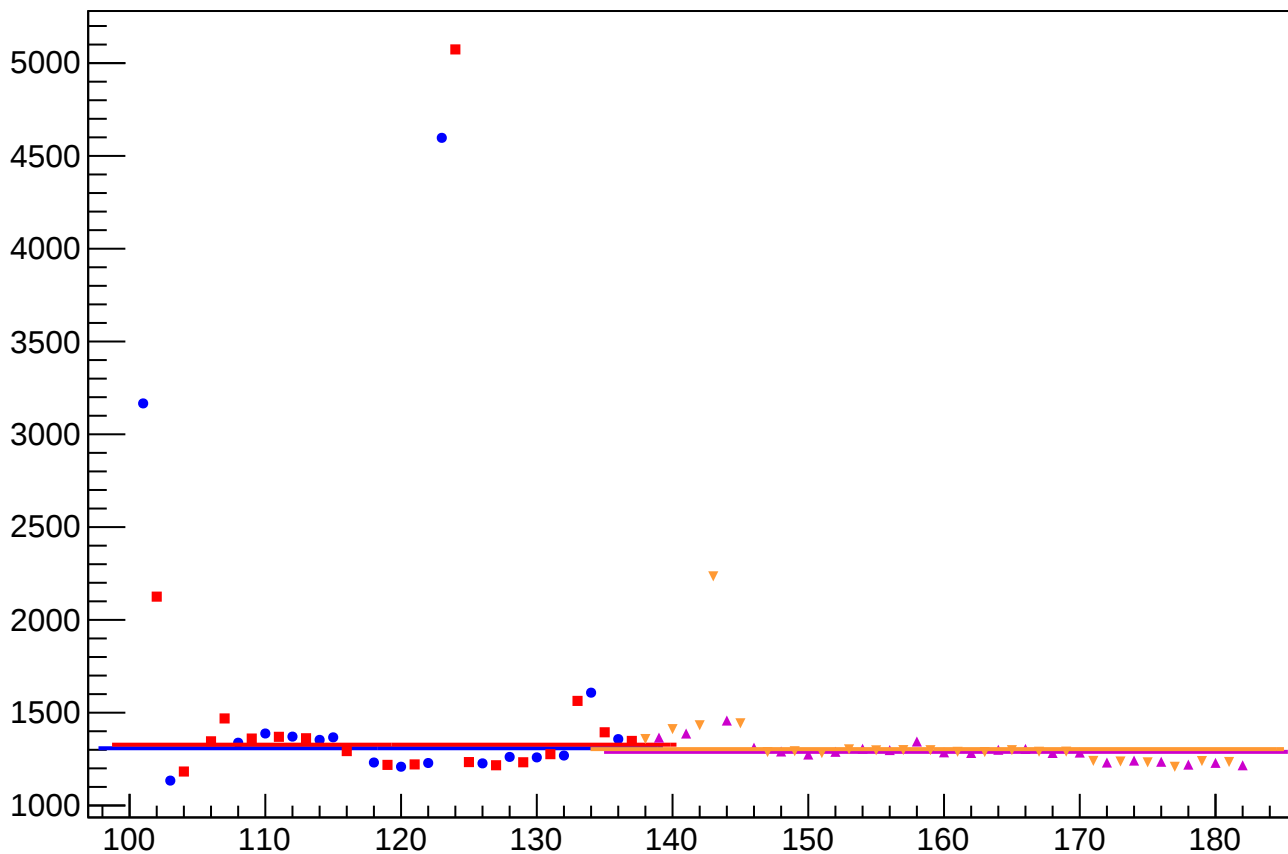
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -317.751+/-266.458 χ^2/NDF : 45.5/38

Out: -594.419+/-267.610 χ^2/NDF : 44.5/40

All: -455.489+/-188.820 χ^2/NDF : 90.5/79

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: 1303.730+/-0.221 χ^2/NDF : 334249.4/22

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

Left In: 1288.958+/-0.220 χ^2/NDF : 63314.6/21

Left: 1296.284+/-0.156 χ^2/NDF : 399806.3/44

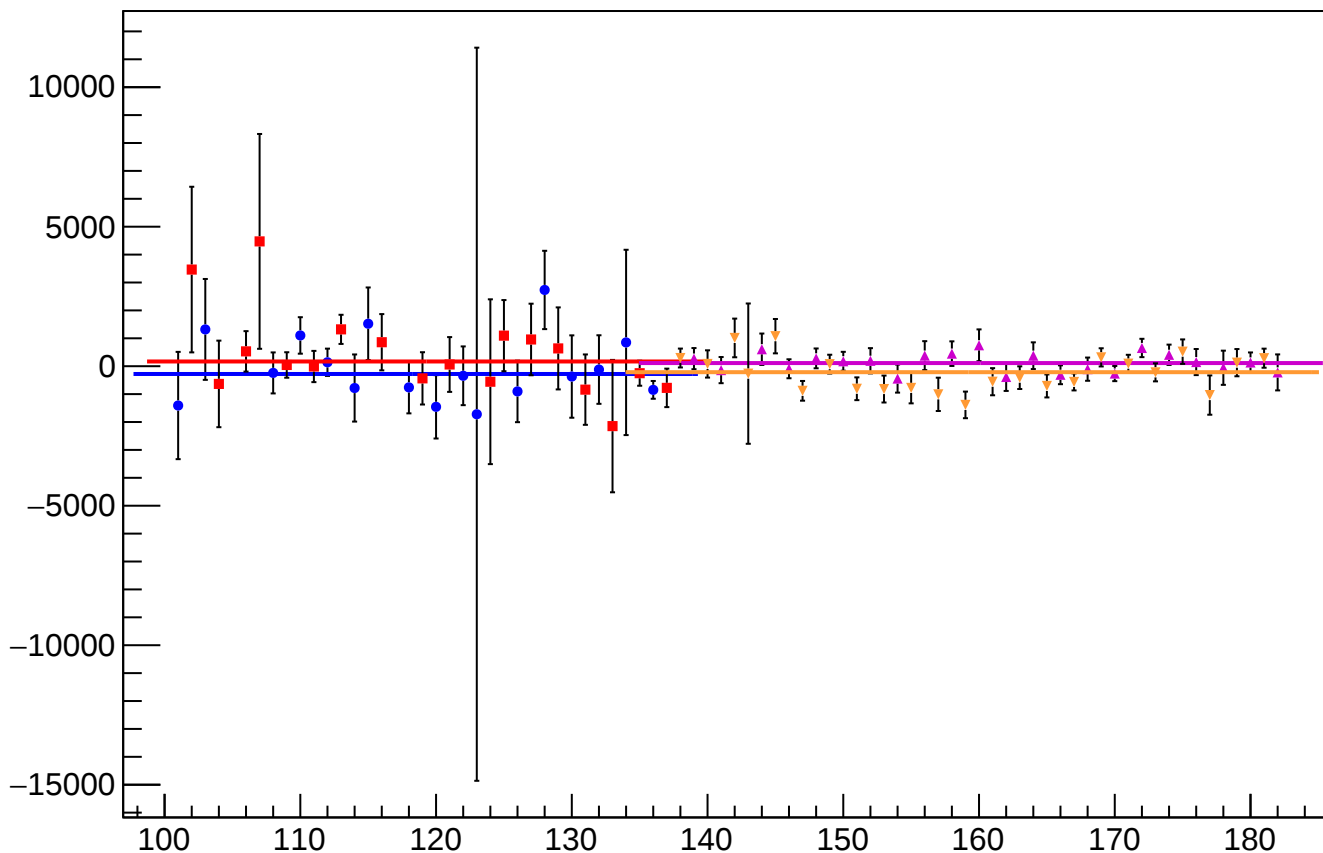
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1294.090+/-0.188 χ^2/NDF : 571923.5/38

Out: 1310.190+/-0.189 χ^2/NDF : 694729.1/40

All: 1302.105+/-0.134 χ^2/NDF : 1270287.7/79

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -214.191+/-87.283 χ^2/NDF : 40.9/22

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

Left In: 112.778+/-87.234 χ^2/NDF : 14.0/21

Left: -50.614+/-61.701 χ^2/NDF : 61.9/44

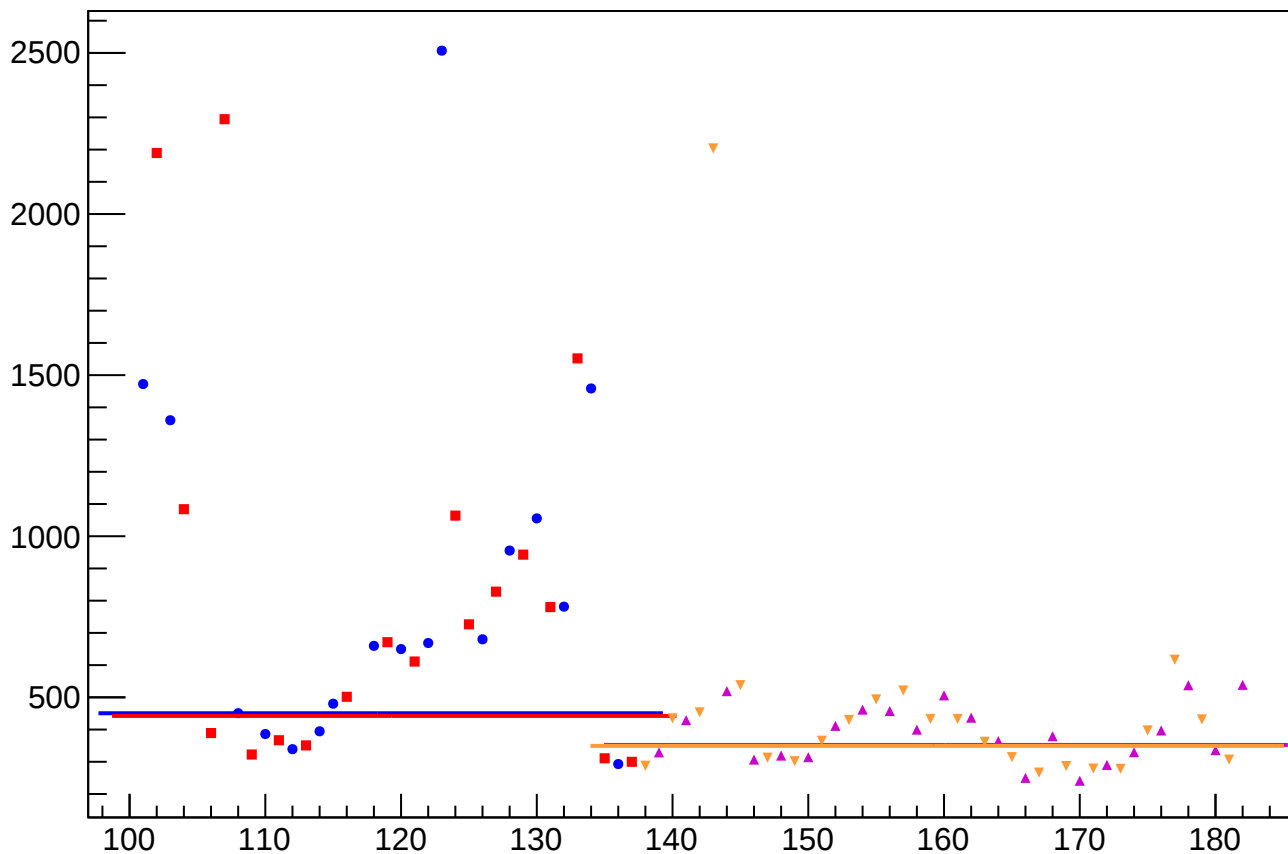
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 49.206+/-79.838 χ^2/NDF : 35.3/38

Out: -148.734+/-79.493 χ^2/NDF : 58.5/40

All: -50.193+/-56.331 χ^2/NDF : 96.9/79

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: 349.365 $\pm$ 0.062 χ^2 /NDF: 2823259.6/22

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

Left In: 352.251 $\pm$ 0.062 χ^2 /NDF: 1732005.4/21

Left: 350.809 $\pm$ 0.044 χ^2 /NDF: 4556358.8/44

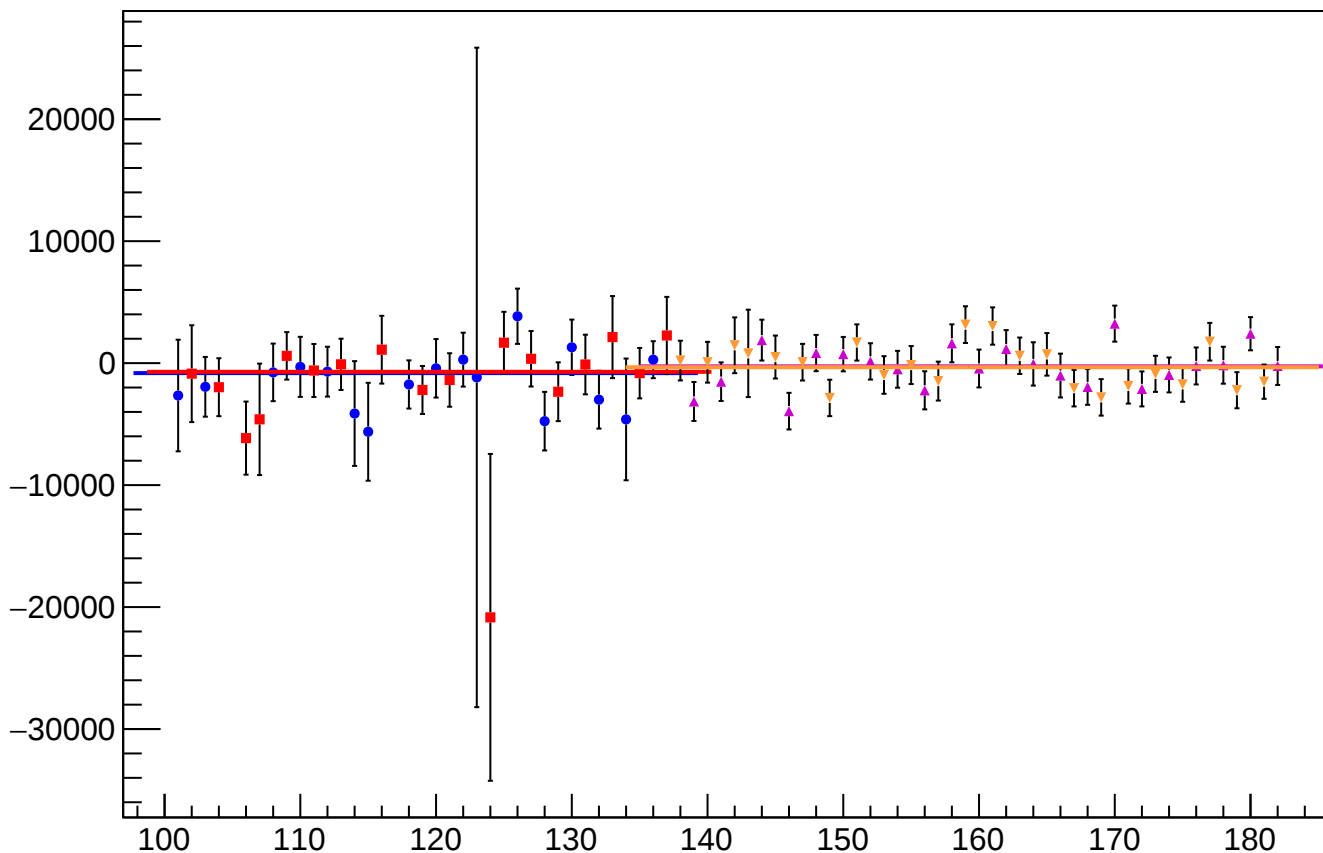
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 368.221 $\pm$ 0.056 χ^2 /NDF: 5142505.6/38

Out: 365.227 $\pm$ 0.056 χ^2 /NDF: 6578847.1/40

All: 366.717 $\pm$ 0.040 χ^2 /NDF: 11722765.2/79

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -264.461+/-325.492 χ^2/NDF : 29.5/21

Left: -299.414+/-231.323 χ^2/NDF : 57.6/44

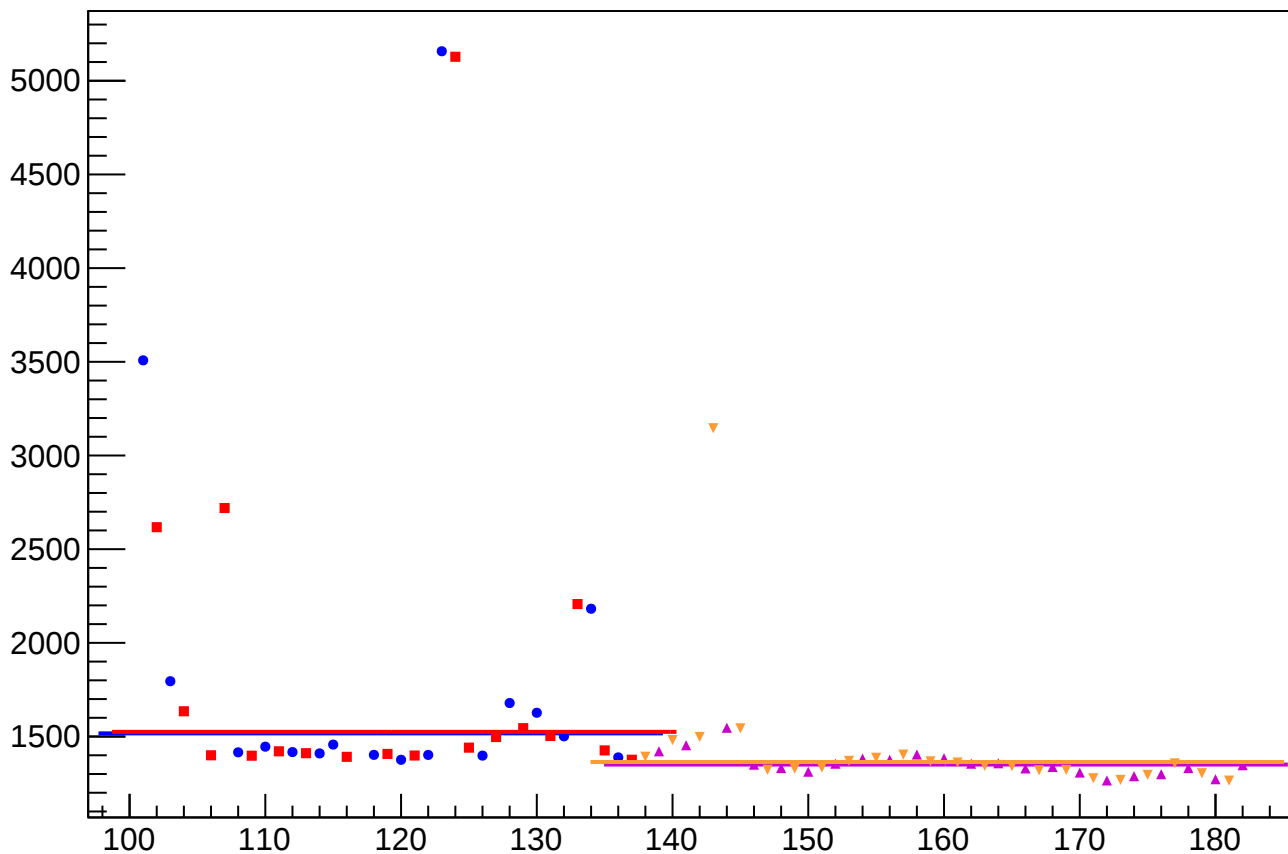
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -389.749+/-286.229 χ^2/NDF : 42.8/38

Out: -422.699+/-287.911 χ^2/NDF : 39.8/40

All: -406.128+/-202.986 χ^2/NDF : 82.6/79

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1350.488+/-0.230 χ^2/NDF : 68633.9/21

Left: 1357.200+/-0.164 χ^2/NDF : 645407.7/44

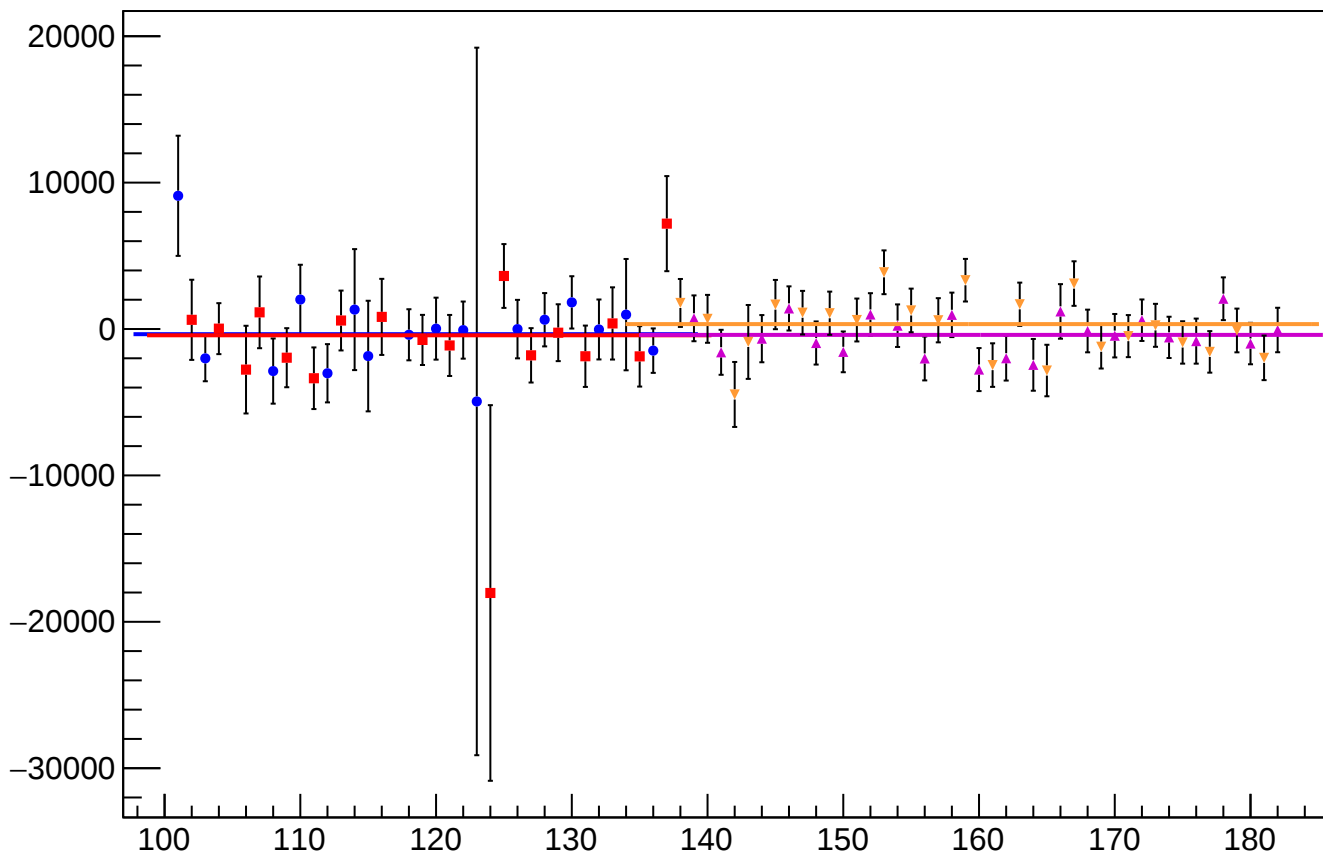
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1388.222+/-0.202 χ^2/NDF : 728241.4/38

Out: 1401.625+/-0.204 χ^2/NDF : 1258923.1/40

All: 1394.884+/-0.144 χ^2/NDF : 1989344.3/79

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: 335.169+/-323.374 χ^2/NDF :34.5/22

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

Left In: -401.892+/-320.958 χ^2/NDF :16.0/21

Left: -36.126+/-227.801 χ^2/NDF : 53.1/44

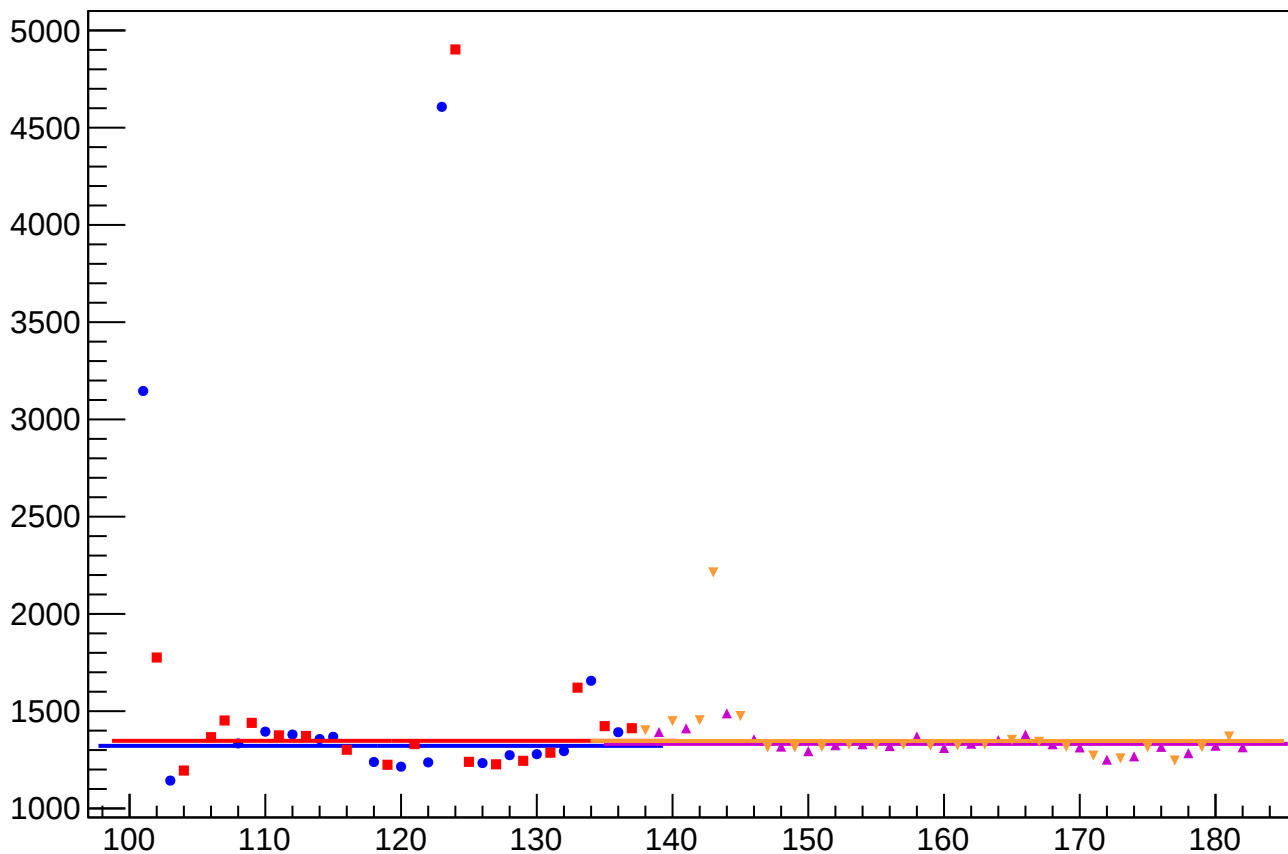
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -388.564+/-273.600 χ^2/NDF :29.4/38

Out: 123.392+/-274.949 χ^2/NDF :52.9/40

All: -133.846+/-193.940 χ^2/NDF : 84.0/79

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1331.861 $\pm$ 0.227 χ^2 /NDF: 46616.5/21

Left: 1339.188 $\pm$ 0.161 χ^2 /NDF: 342257.2/44

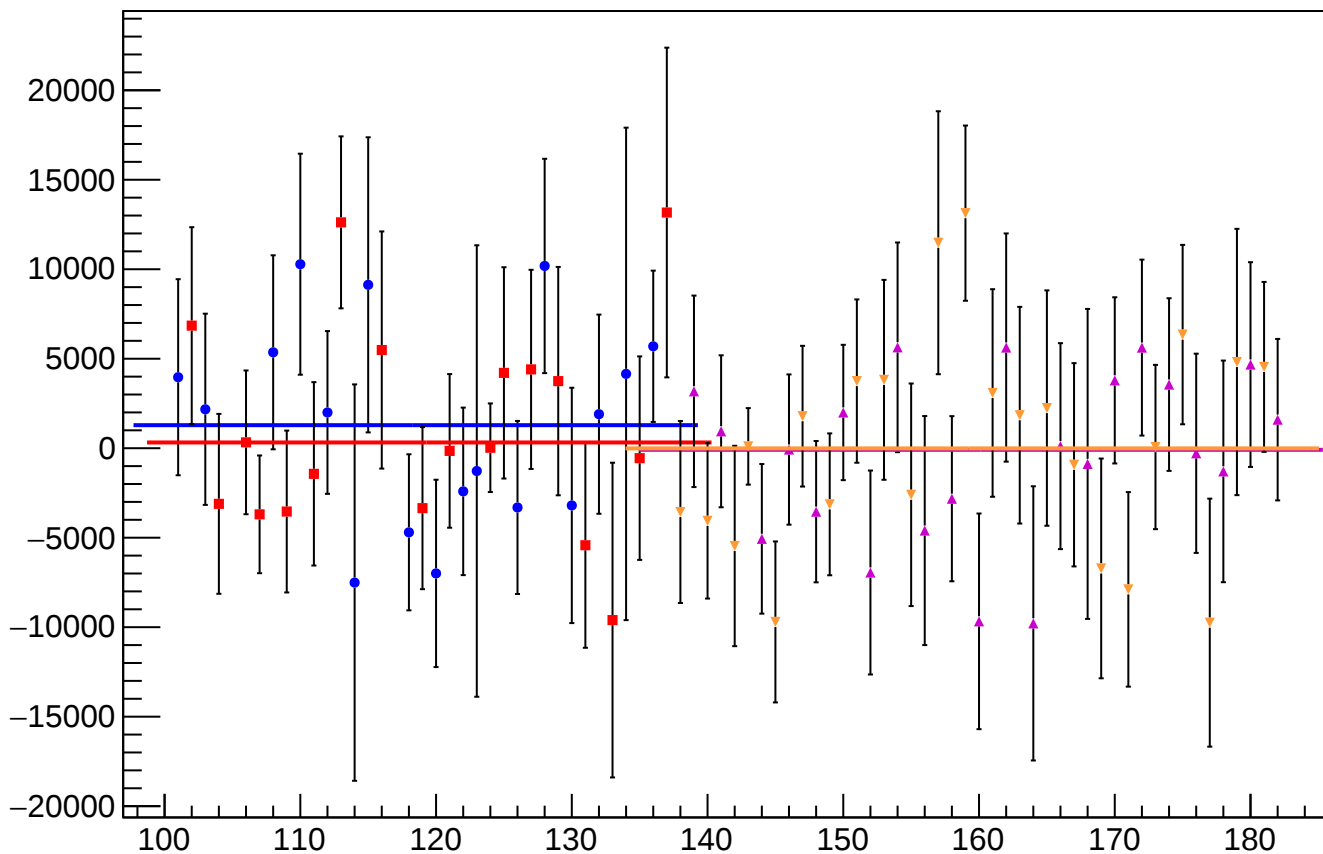
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1329.084 $\pm$ 0.193 χ^2 /NDF: 549409.8/38

Out: 1346.909 $\pm$ 0.194 χ^2 /NDF: 579846.8/40

All: 1337.954 $\pm$ 0.137 χ^2 /NDF: 1133480.9/79

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -10.355+/-985.998 χ^2/NDF : 27.5/22

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

Left In: -89.338+/-1083.727 χ^2/NDF : 14.6/21

Left: -46.125+/-729.314 χ^2/NDF : 42.1/44

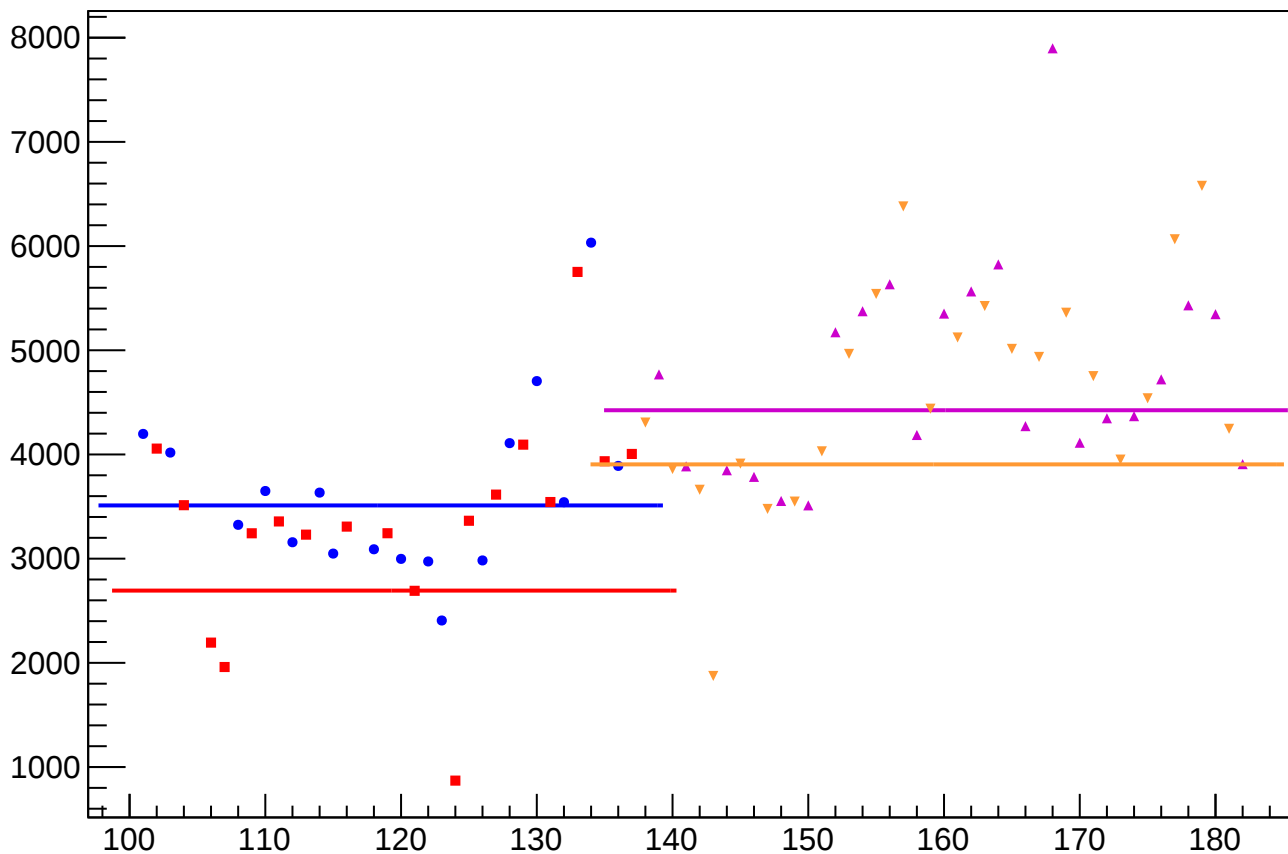
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 437.826+/-851.342 χ^2/NDF : 29.5/38

Out: 136.665+/-735.865 χ^2/NDF : 45.1/40

All: 265.450+/-556.721 χ^2/NDF : 74.7/79

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4424.433 $\pm$ 0.766 χ^2 /NDF:1150548.4/21

Left: 4140.159 $\pm$ 0.516 χ^2 /NDF: 4719285.3/44

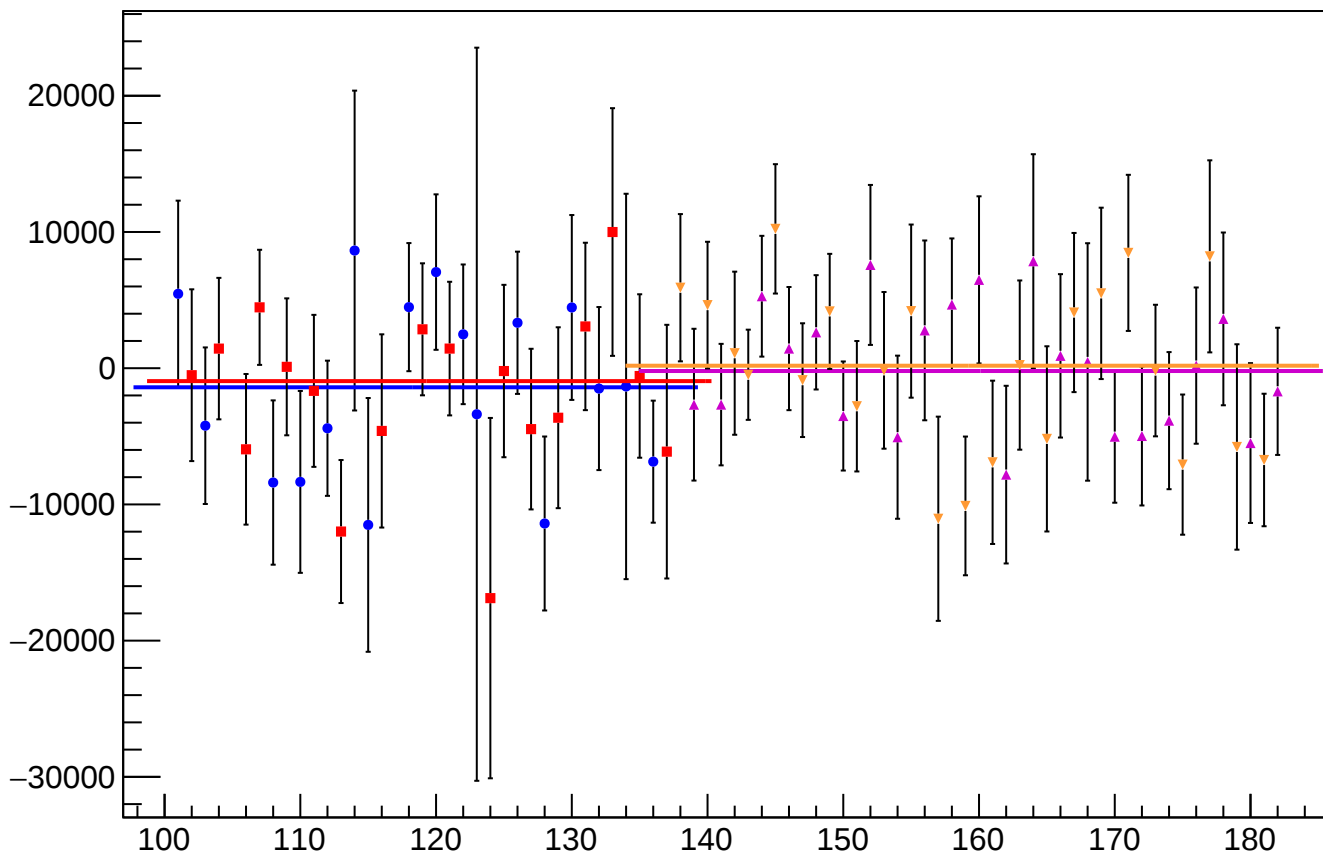
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 4074.620 $\pm$ 0.602 χ^2 /NDF:2038854.5/38

Out: 3368.204 $\pm$ 0.520 χ^2 /NDF:6780348.5/40

All: 3670.288 $\pm$ 0.394 χ^2 /NDF: 9607373.5/79

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 183.330+/-1095.405 χ^2/NDF : 25.9/22

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

Left In: -206.589+/-1131.079 χ^2/NDF : 14.3/21

Left: -5.384+/-786.878 χ^2/NDF : 40.2/44

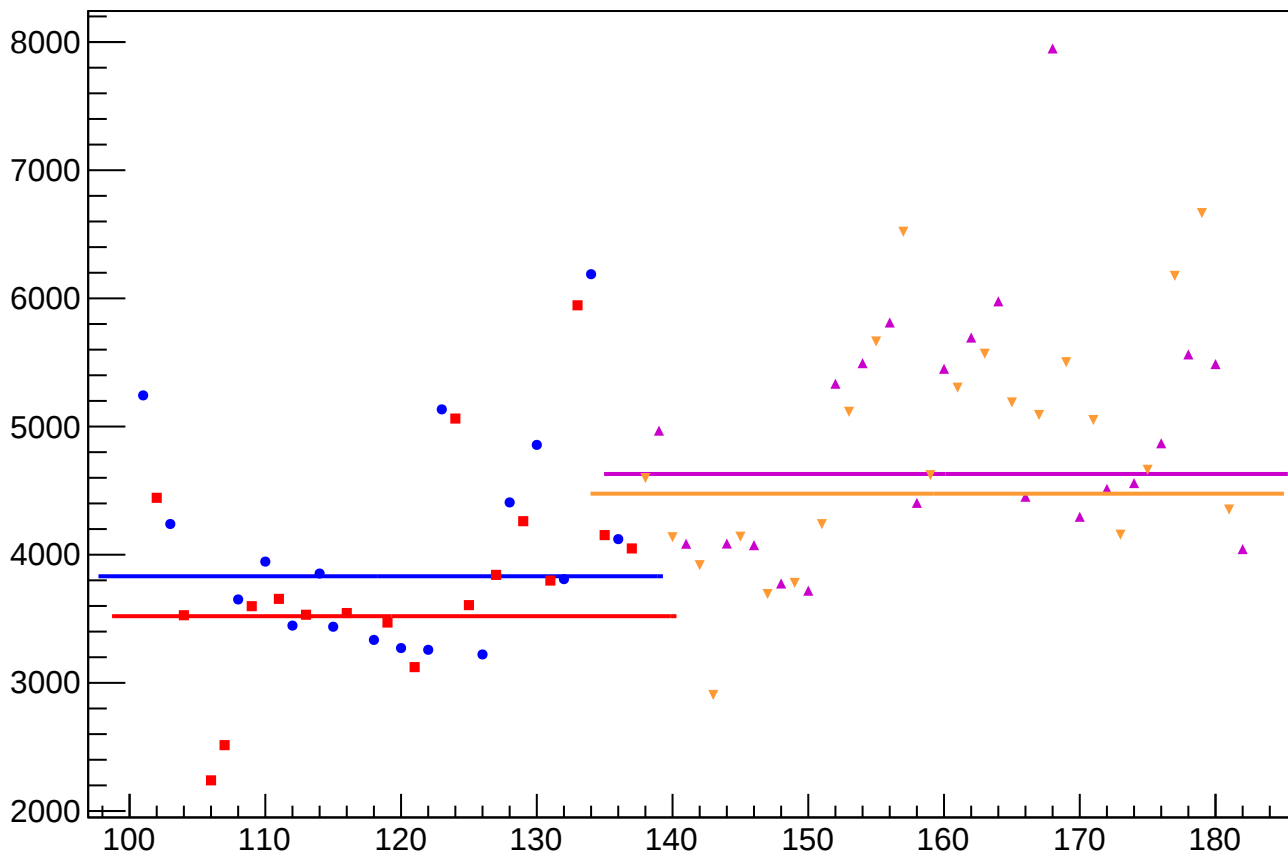
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -638.183+/-904.006 χ^2/NDF : 30.5/38

Out: -252.896+/-858.618 χ^2/NDF : 38.7/40

All: -435.625+/-622.562 χ^2/NDF : 69.3/79

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: 4476.129 $\pm$ 0.775 χ^2 /NDF:1378376.0/22

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

Left In: 4629.904 $\pm$ 0.800 χ^2 /NDF:994496.0/21

Left: 4550.553 $\pm$ 0.556 χ^2 /NDF: 2391947.7/44

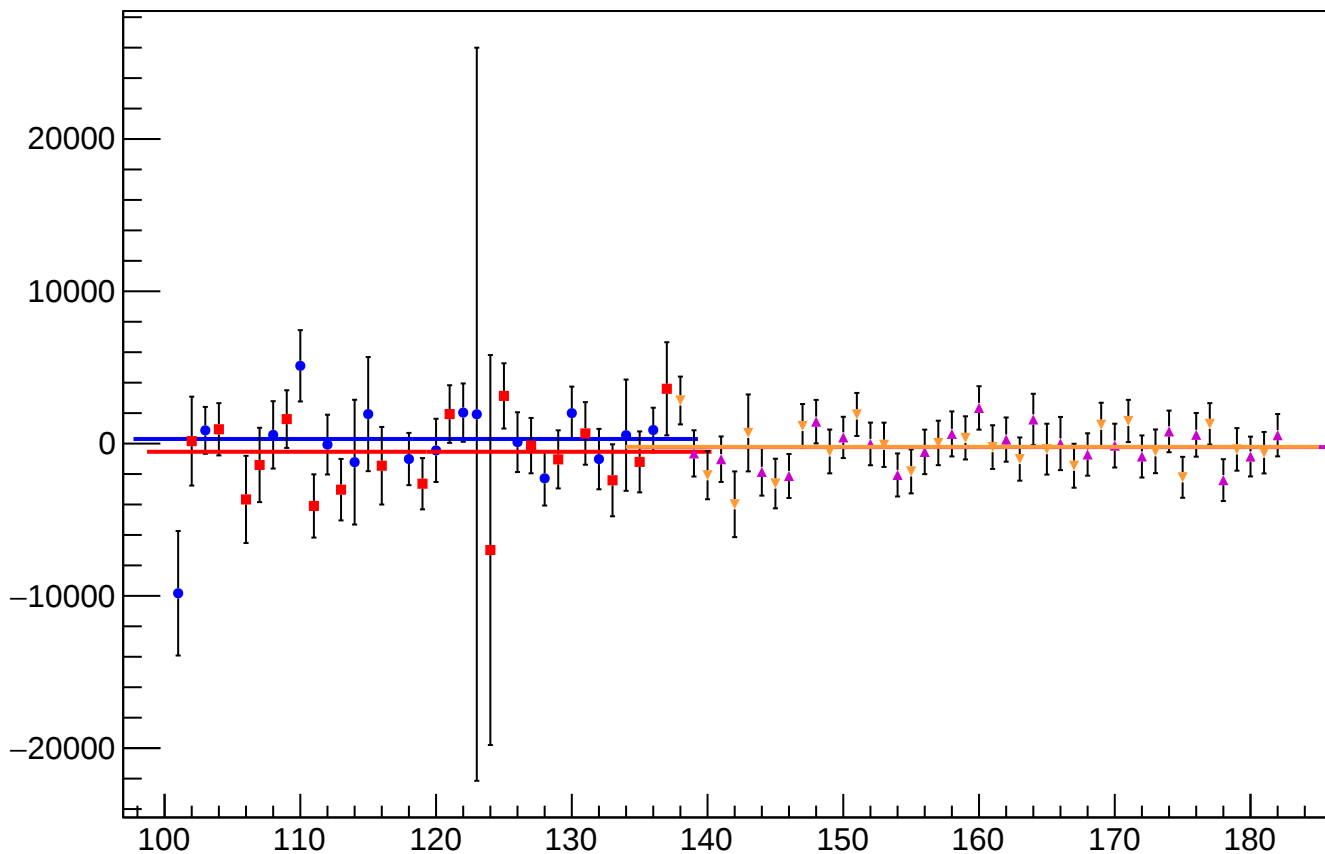
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4341.617 $\pm$ 0.639 χ^2 /NDF:1691885.3/38

Out: 4103.350 $\pm$ 0.605 χ^2 /NDF:2516487.6/40

All: 4215.931 $\pm$ 0.439 χ^2 /NDF: 4281663.3/79

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -230.005 $\pm$ 307.626 χ^2 /NDF:15.6/21

Left: -222.855 $\pm$ 218.446 χ^2 /NDF: 38.0/44

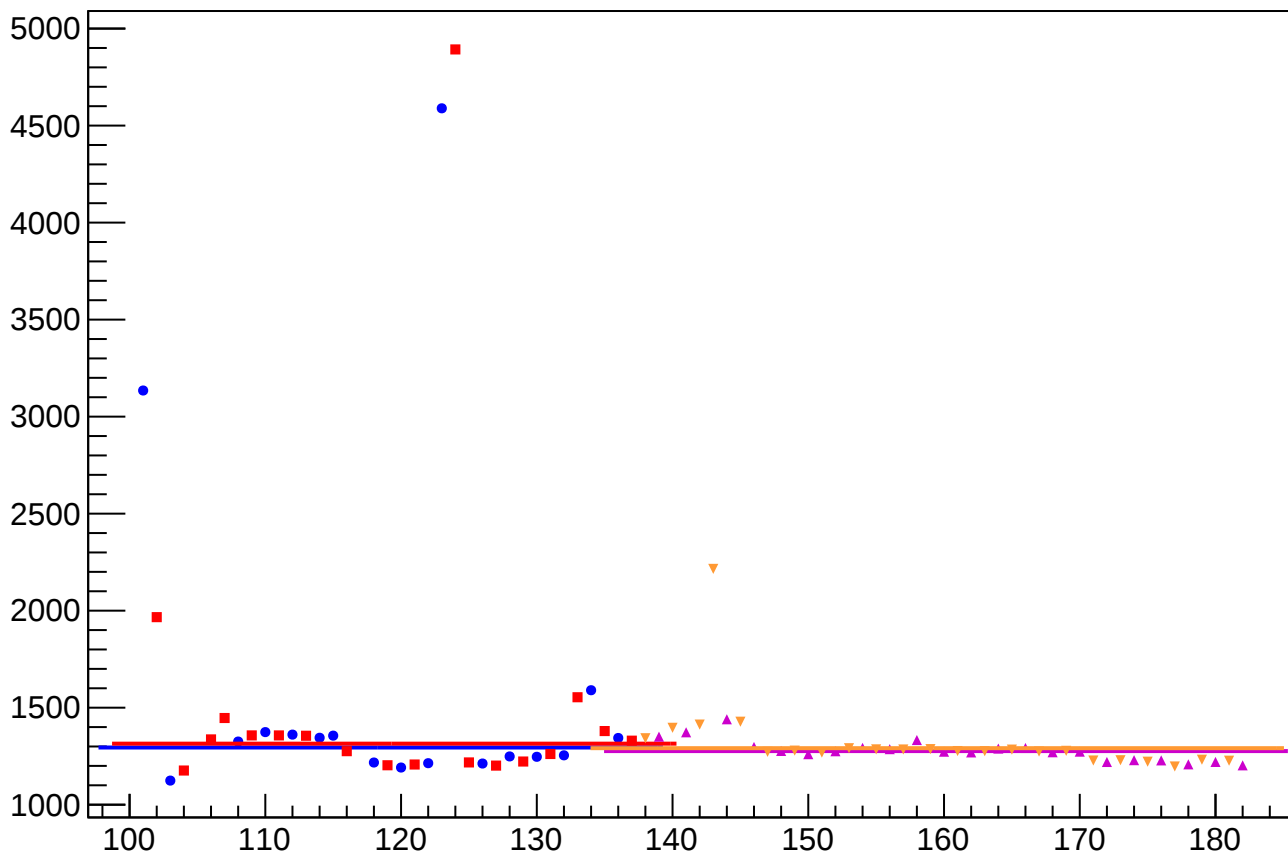
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -89.239 $\pm$ 263.804 χ^2 /NDF:32.5/38

Out: -302.926 $\pm$ 264.872 χ^2 /NDF:40.1/40

All: -195.650 $\pm$ 186.914 χ^2 /NDF: 72.9/79

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1291.298 $\pm$ 0.219 χ^2 /NDF: 332123.1/22

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1276.279 $\pm$ 0.218 χ^2 /NDF: 61817.5/21

Left: 1283.725 $\pm$ 0.154 χ^2 /NDF: 396304.3/44

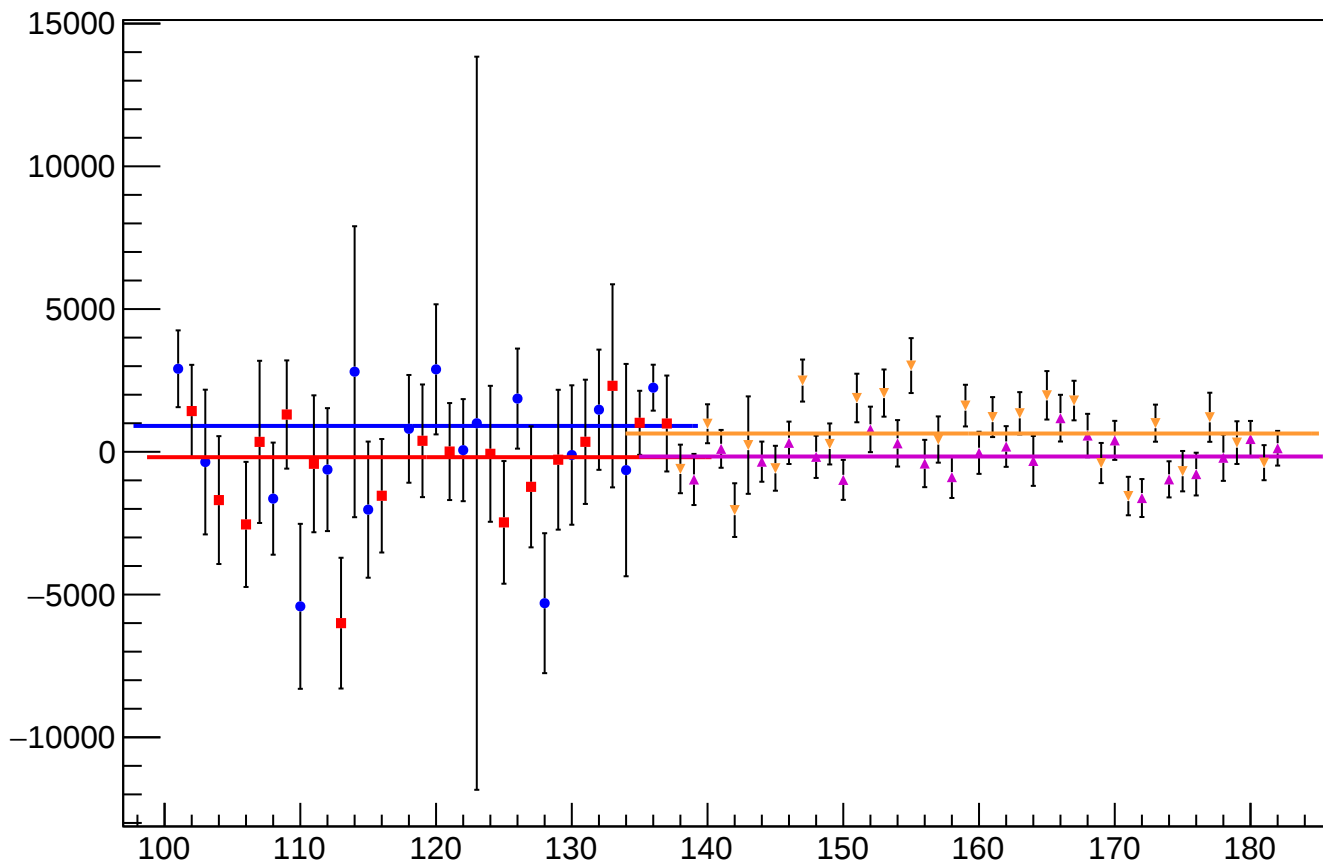
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1281.161 $\pm$ 0.187 χ^2 /NDF: 571525.3/38

Out: 1297.613 $\pm$ 0.187 χ^2 /NDF: 669017.5/40

All: 1289.354 $\pm$ 0.132 χ^2 /NDF: 1244416.5/79

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 ± 455.840 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 640.922 ± 159.214 $\chi^2/\text{NDF}: 59.4/22$

Right Out: -188.170 ± 464.537 $\chi^2/\text{NDF}: 13.8/17$

Left In: -164.551 ± 155.433 $\chi^2/\text{NDF}: 18.5/21$

Left: 228.507 ± 111.220 $\chi^2/\text{NDF}: 91.0/44$

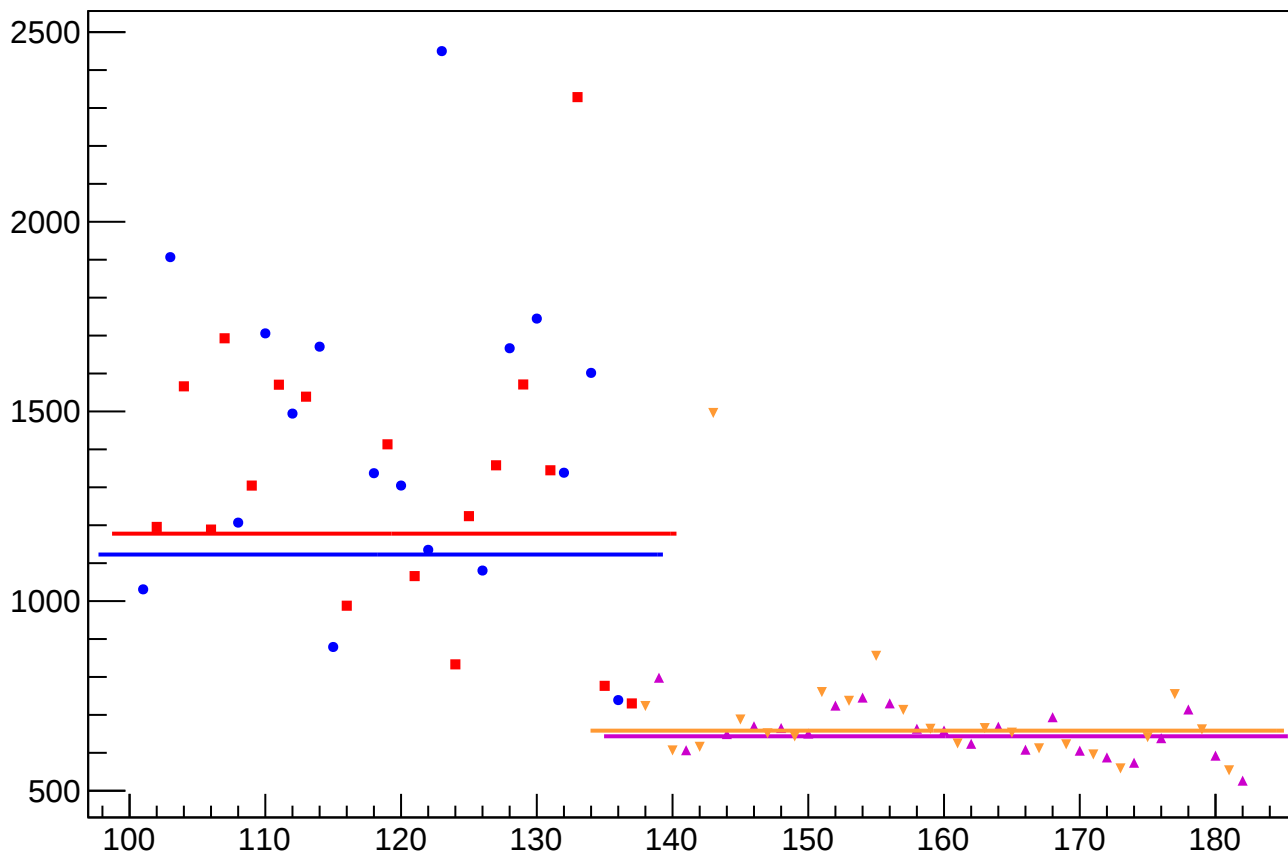
Right: 369.604 ± 325.359 $\chi^2/\text{NDF}: 38.7/34$

In: -52.973 ± 147.115 $\chi^2/\text{NDF}: 45.4/38$

Out: 553.768 ± 150.613 $\chi^2/\text{NDF}: 76.1/40$

All: 243.270 ± 105.241 $\chi^2/\text{NDF}: 129.8/79$

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 658.449 $\pm$ 0.113 χ^2 /NDF: 820770.1/22

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

Left In: 643.582 $\pm$ 0.110 χ^2 /NDF: 309217.9/21

Left: 650.837 $\pm$ 0.079 χ^2 /NDF: 1138916.4/44

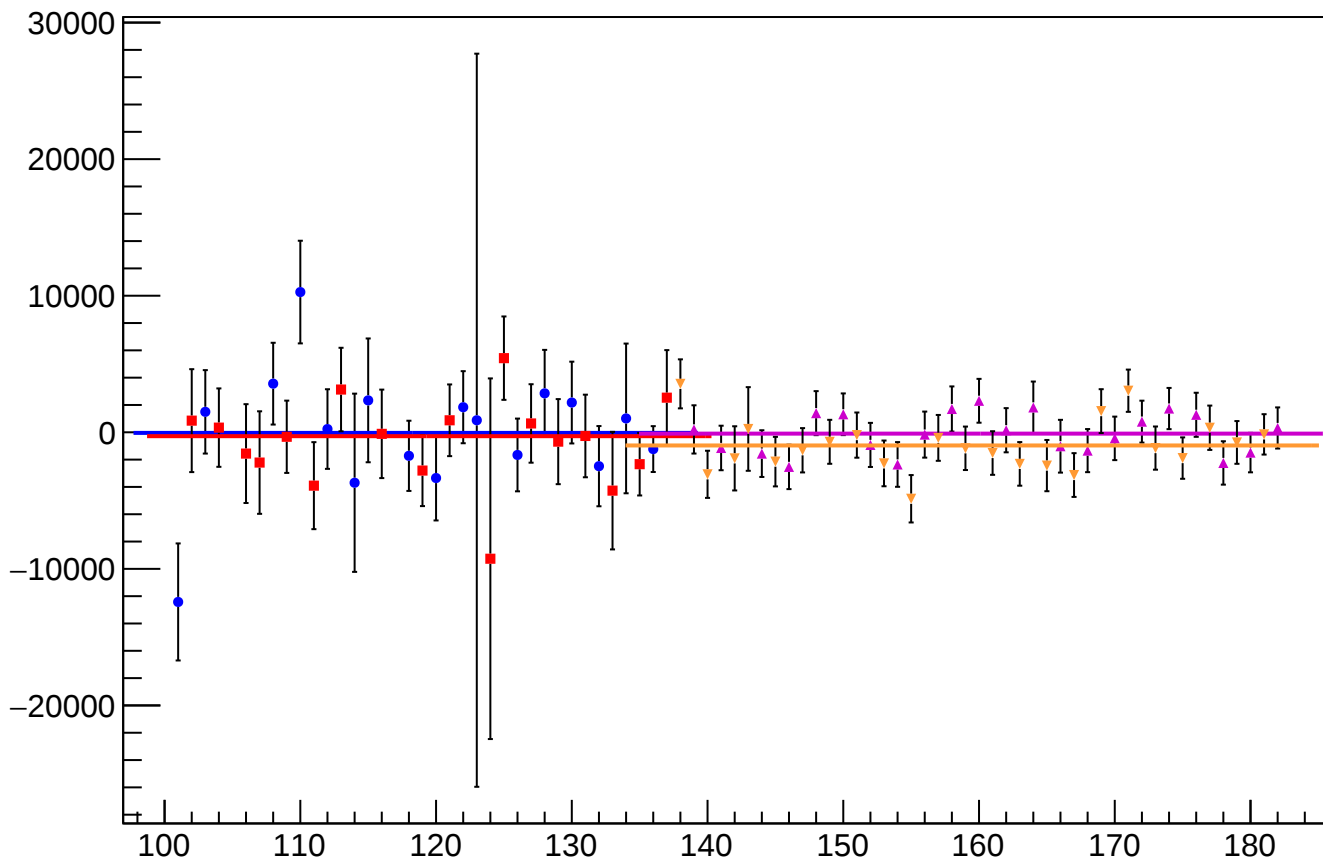
Right: 1149.765 $\pm$ 0.230 χ^2 /NDF: 2224002.1/34

In: 693.494 $\pm$ 0.104 χ^2 /NDF: 3477161.5/38

Out: 713.043 $\pm$ 0.106 χ^2 /NDF: 4079511.1/40

All: 703.039 $\pm$ 0.074 χ^2 /NDF: 7573915.8/79

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -964.226 ± 350.214 χ^2/NDF : 28.4/22

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

Left In: -97.695 ± 345.407 χ^2/NDF : 18.1/21

Left: -524.972 ± 245.922 χ^2/NDF : 49.6/44

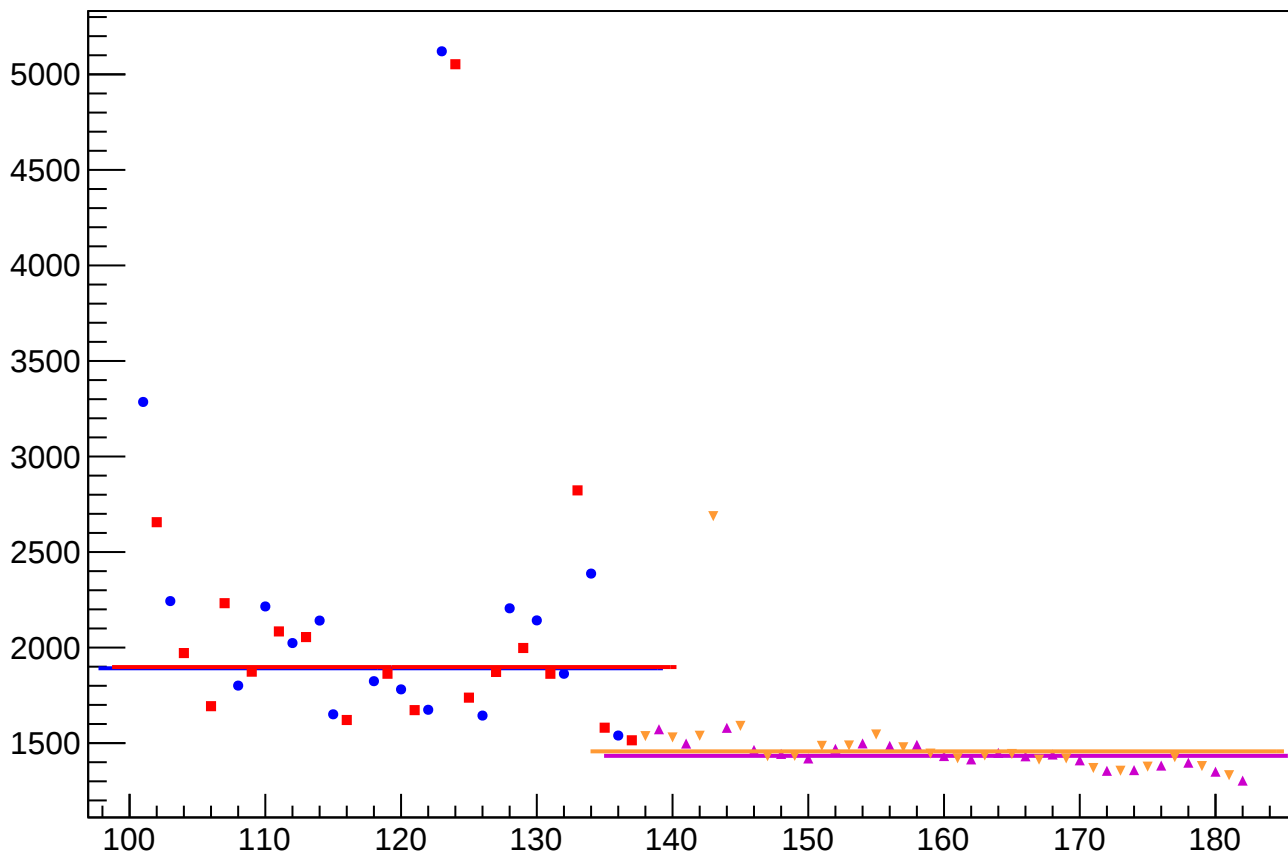
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -88.314 ± 313.557 χ^2/NDF : 41.3/38

Out: -838.728 ± 316.190 χ^2/NDF : 39.7/40

All: -460.383 ± 222.643 χ^2/NDF : 83.9/79

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1456.881 $\pm$ 0.248 χ^2 /NDF: 395770.2/22

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

Left In: 1433.374 $\pm$ 0.244 χ^2 /NDF: 75084.6/21

Left: 1444.965 $\pm$ 0.174 χ^2 /NDF: 475422.5/44

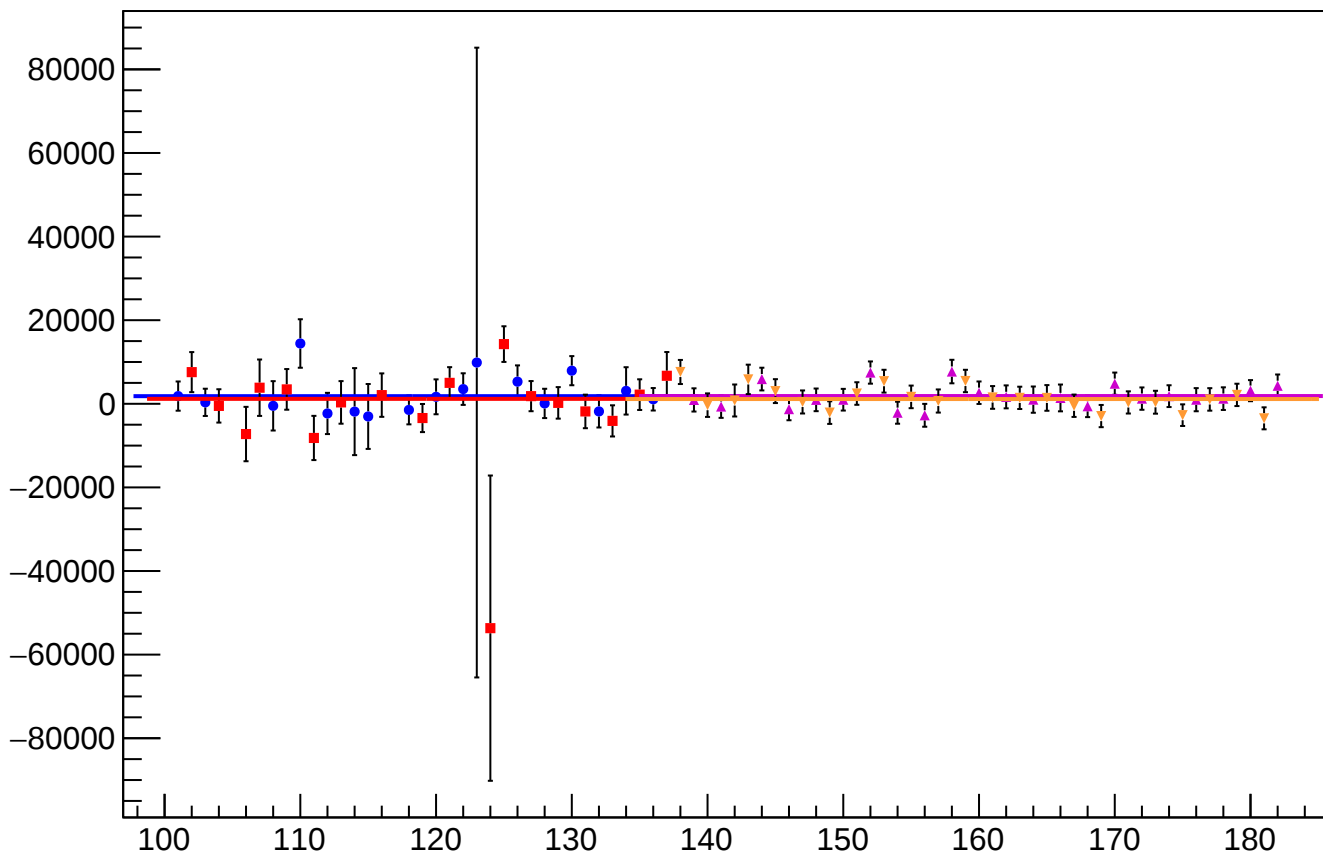
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1513.997 $\pm$ 0.222 χ^2 /NDF: 1163569.2/38

Out: 1538.434 $\pm$ 0.224 χ^2 /NDF: 1406092.6/40

All: 1526.113 $\pm$ 0.157 χ^2 /NDF: 2575684.9/79

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1138.094 $\pm$ 579.652 χ^2 /NDF:22.8/22

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1854.644 $\pm$ 578.993 χ^2 /NDF:22.4/21

Left: 1496.777 $\pm$ 409.643 χ^2 /NDF: 45.9/44

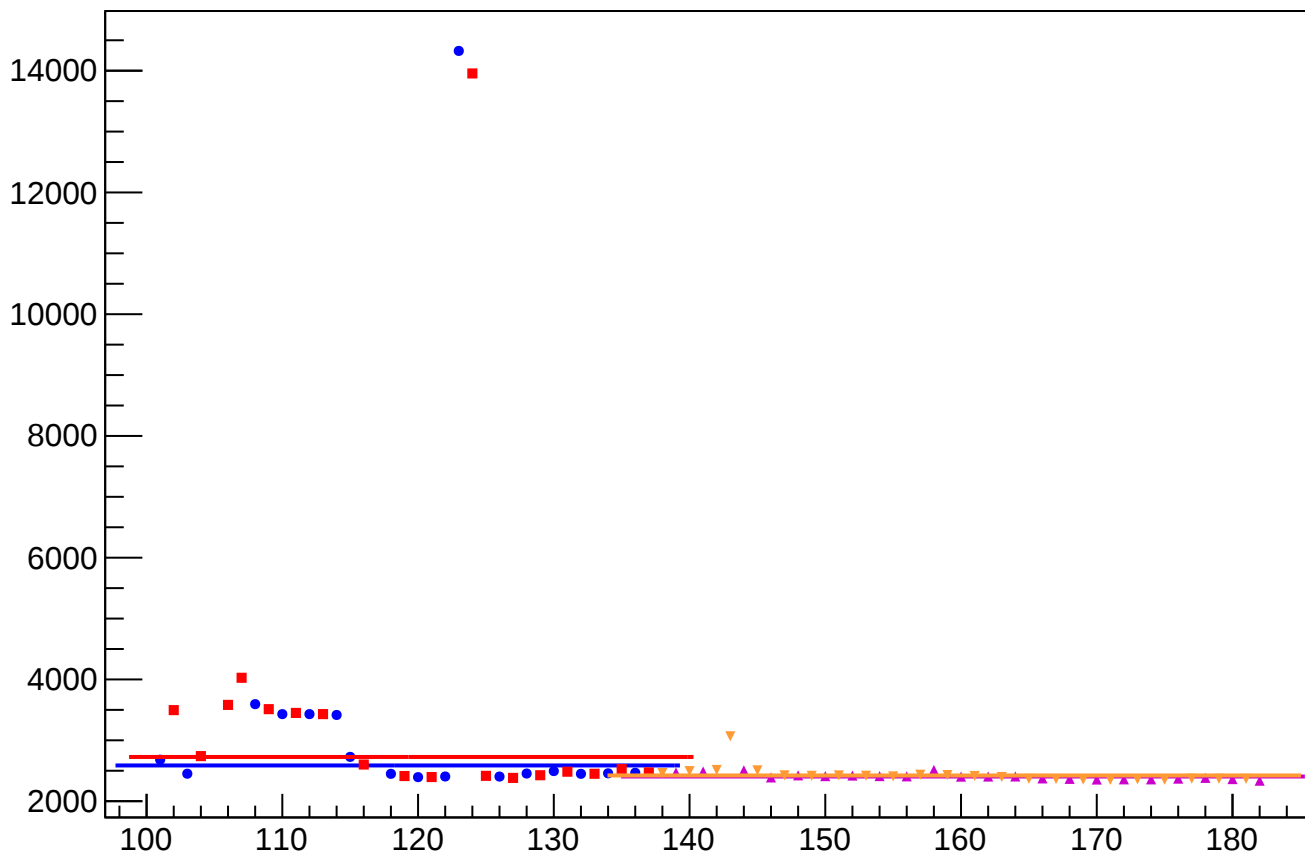
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1847.324 $\pm$ 502.331 χ^2 /NDF:34.9/38

Out: 1148.538 $\pm$ 507.452 χ^2 /NDF:48.2/40

All: 1501.475 $\pm$ 356.998 χ^2 /NDF: 84.1/79

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2422.736+/-0.410 χ^2/NDF : 81027.3/22

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2405.171+/-0.409 χ^2/NDF : 13888.8/21

Left: 2413.944+/-0.290 χ^2/NDF : 95835.4/44

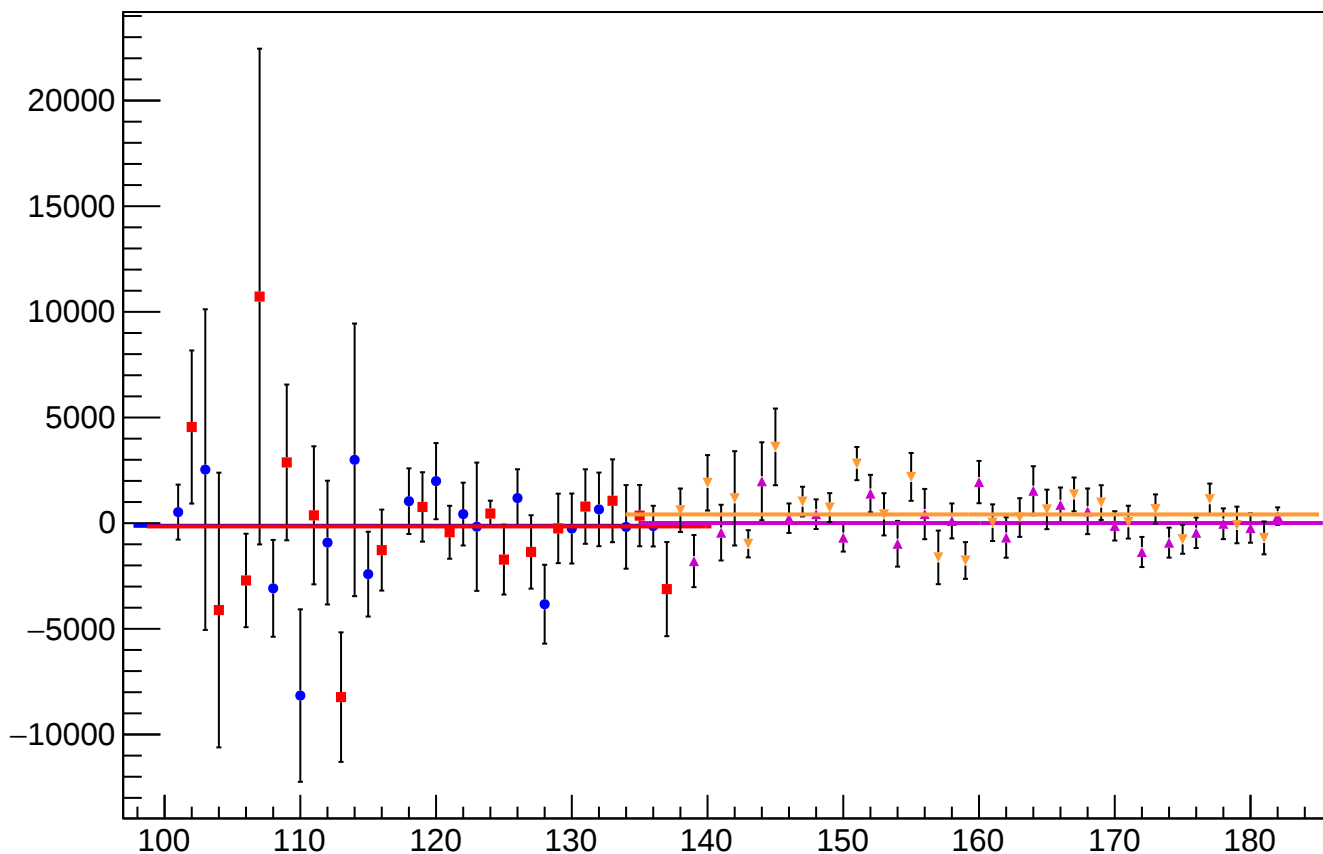
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2450.129+/-0.355 χ^2/NDF : 316765.3/38

Out: 2493.685+/-0.359 χ^2/NDF : 790145.3/40

All: 2471.686+/-0.252 χ^2/NDF : 1114352.8/79

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 414.329 ± 178.641 χ^2/NDF : 39.7/22

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 6.567 ± 168.693 χ^2/NDF : 22.4/21

Left: 198.778 ± 122.650 χ^2/NDF : 64.8/44

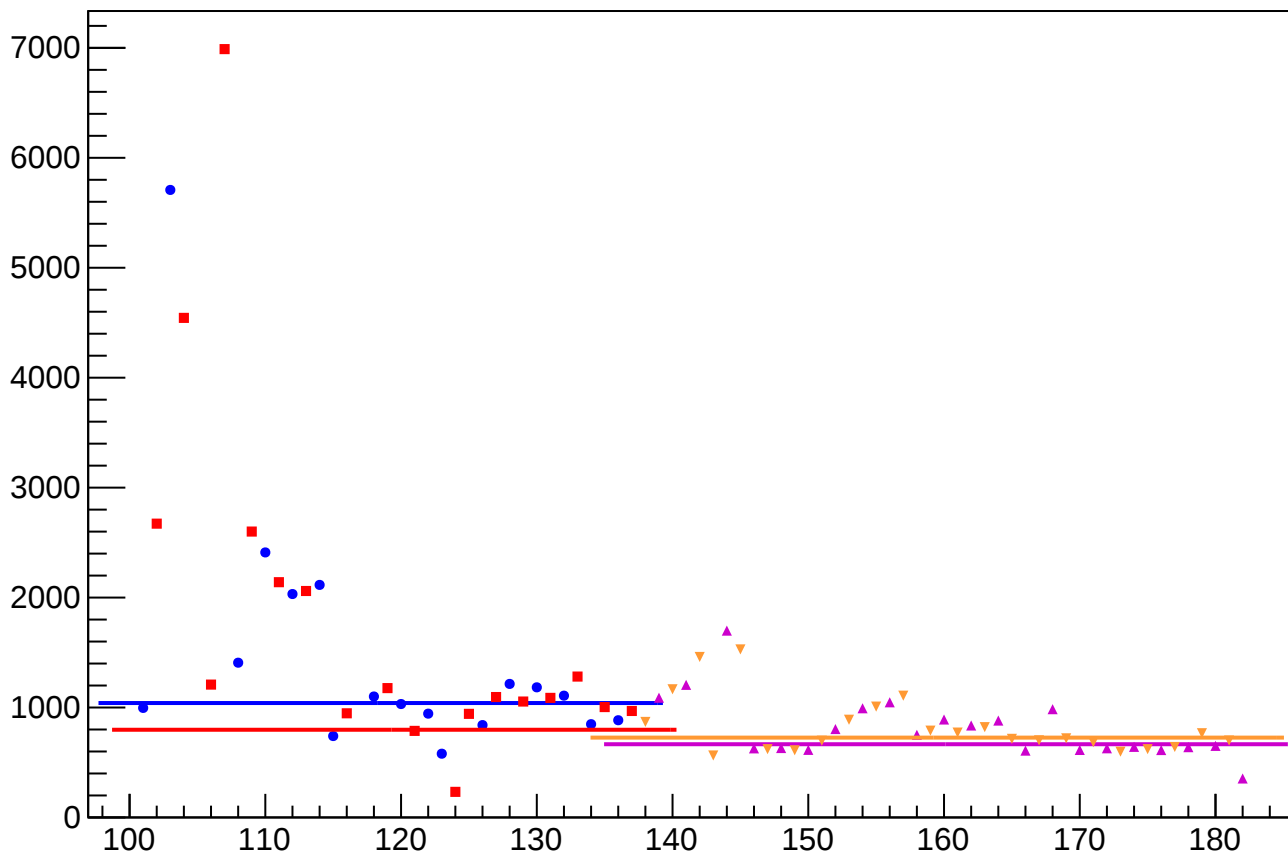
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: -10.857 ± 157.077 χ^2/NDF : 37.1/38

Out: 311.764 ± 161.739 χ^2/NDF : 59.0/40

All: 145.738 ± 112.682 χ^2/NDF : 98.2/79

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 $\chi^2/\text{NDF}: 1573034.8/16$

Left Out: 726.237 ± 0.126 $\chi^2/\text{NDF}: 1652738.2/22$

Right Out: 797.732 ± 0.269 $\chi^2/\text{NDF}: 5174332.0/17$

Left In: 666.072 ± 0.119 $\chi^2/\text{NDF}: 3267527.6/21$

Left: 694.433 ± 0.087 $\chi^2/\text{NDF}: 5040183.9/44$

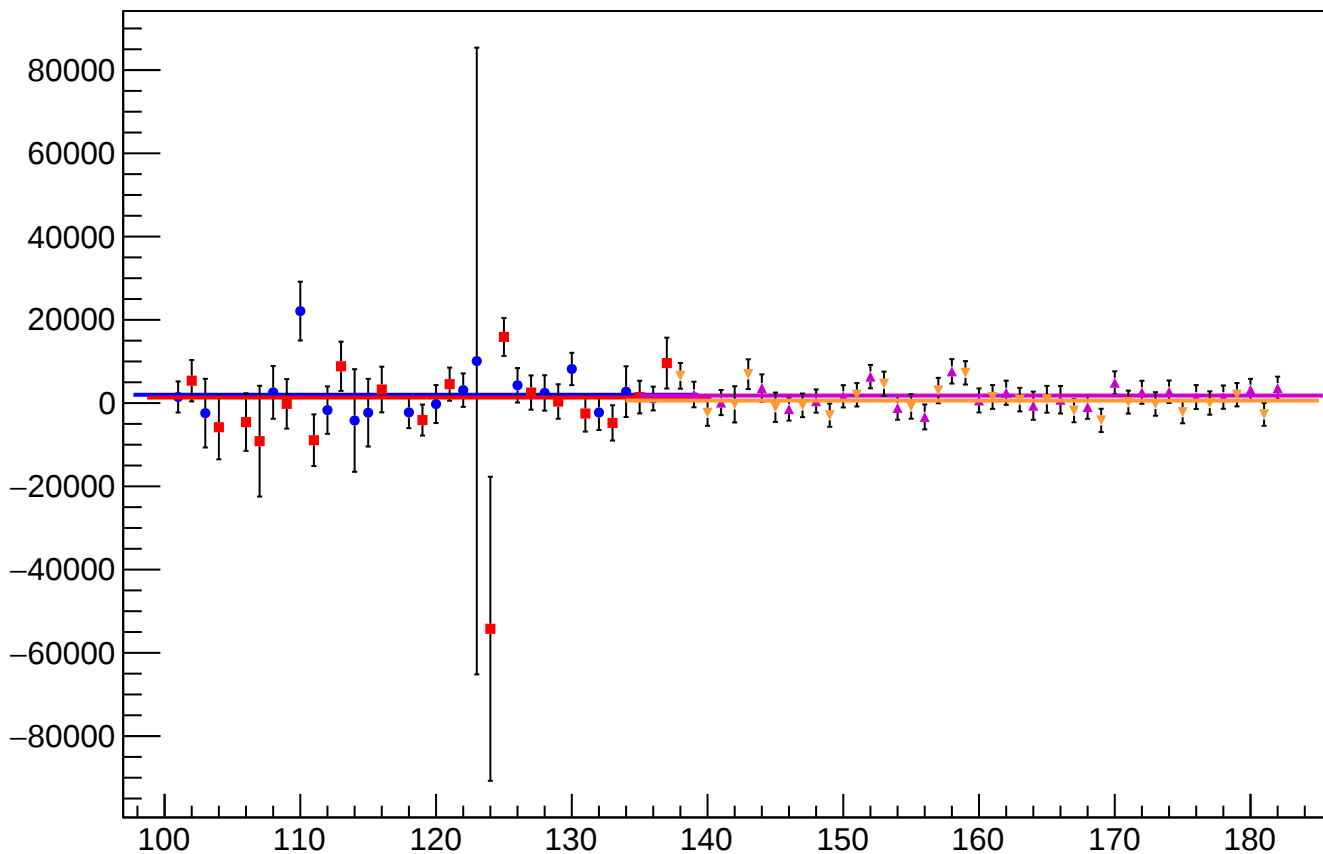
Right: 904.380 ± 0.202 $\chi^2/\text{NDF}: 7104613.1/34$

In: 715.895 ± 0.111 $\chi^2/\text{NDF}: 6152553.8/38$

Out: 739.126 ± 0.114 $\chi^2/\text{NDF}: 6884822.8/40$

All: 727.171 ± 0.080 $\chi^2/\text{NDF}: 13058610.4/79$

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 605.586+/-614.588 χ^2/NDF : 25.0/22

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1807.477+/-613.485 χ^2/NDF : 16.8/21

Left: 1207.611+/-434.189 χ^2/NDF : 43.7/44

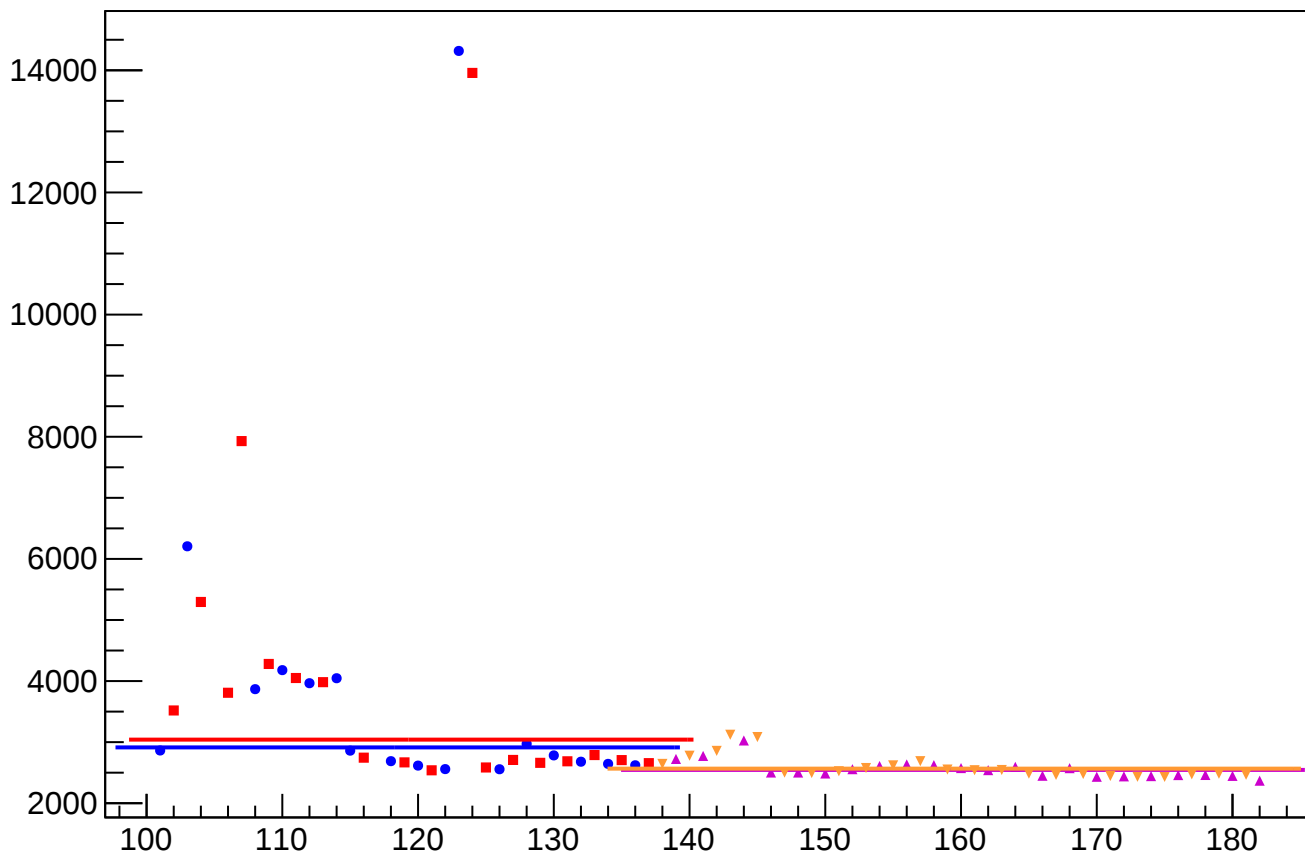
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1849.016+/-541.805 χ^2/NDF : 31.7/38

Out: 758.760+/-546.421 χ^2/NDF : 52.8/40

All: 1308.512+/-384.736 χ^2/NDF : 86.5/79

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2566.138+/-0.435 χ^2/NDF : 143593.7/22

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2545.288+/-0.434 χ^2/NDF : 94042.0/21

Left: 2555.695+/-0.307 χ^2/NDF : 238788.7/44

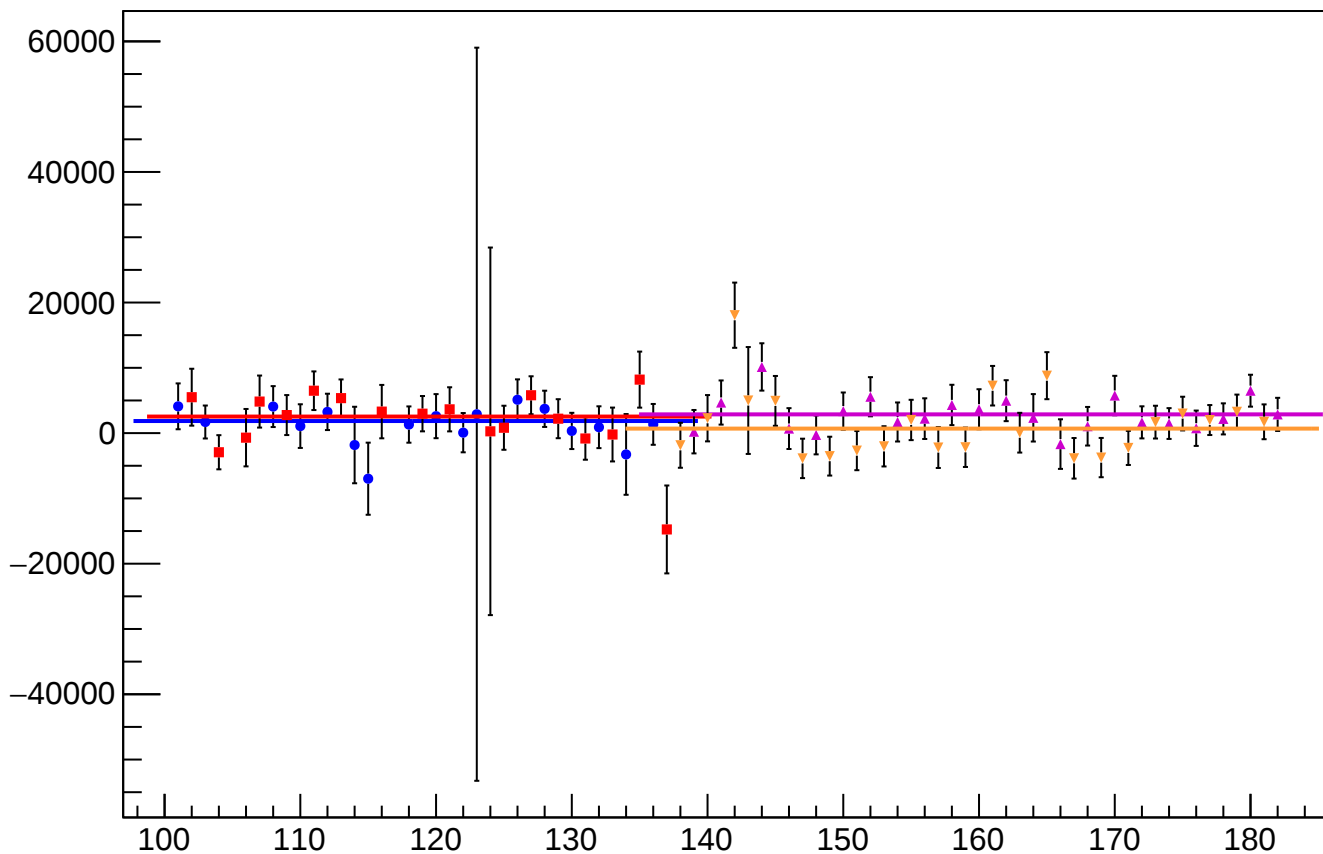
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2626.388+/-0.383 χ^2/NDF : 891875.3/38

Out: 2665.683+/-0.386 χ^2/NDF : 1397588.8/40

All: 2645.869+/-0.272 χ^2/NDF : 2294679.4/79

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093±/-806.760 χ^2/NDF : 7.3/16

Left Out: 690.860±/-634.890 χ^2/NDF :40.4/22

Right Out: 2535.163±/-819.322 χ^2/NDF : 20.0/17

Left In: 2871.138±/-622.368 χ^2/NDF :14.6/21

Left: 1802.712±/-444.441 χ^2/NDF : 61.0/44

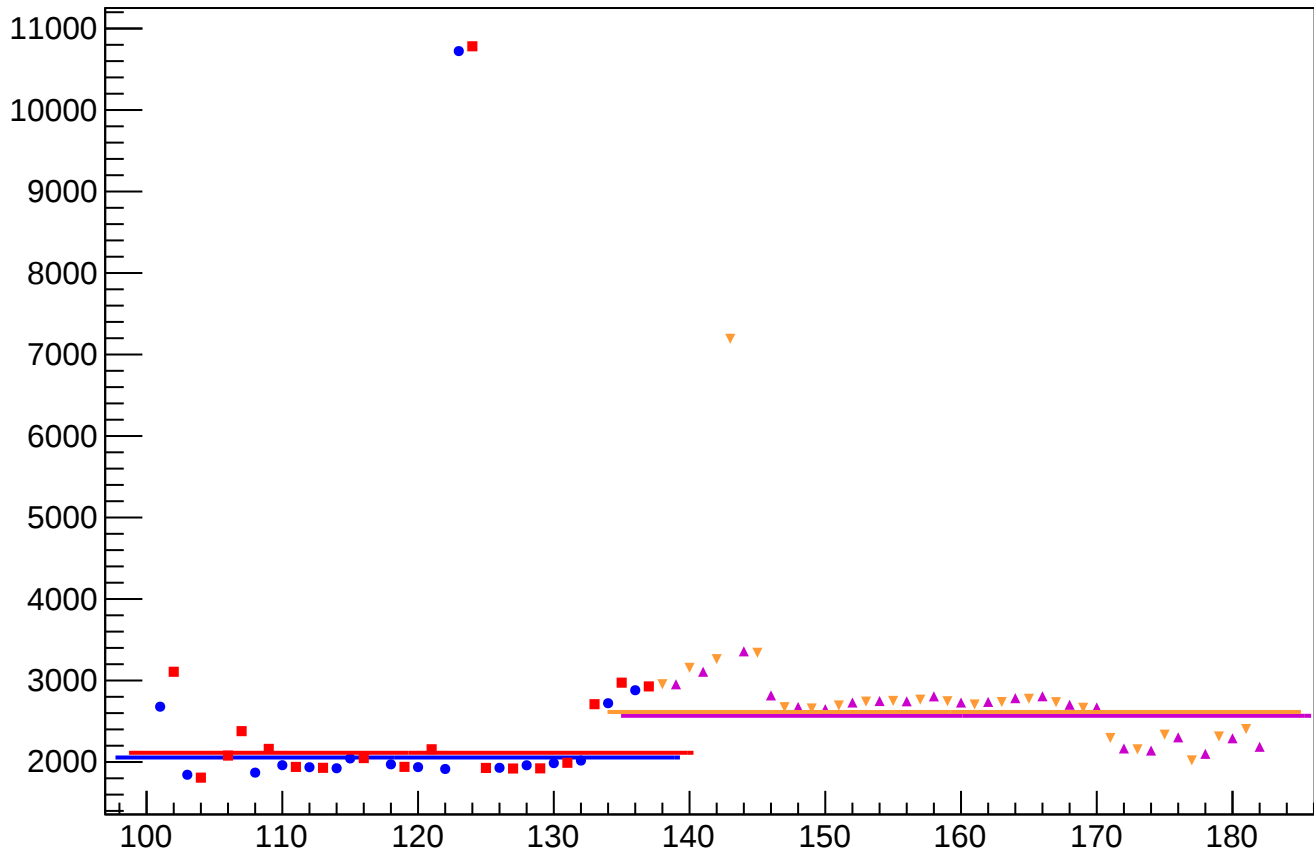
Right: 2187.336±/-574.855 χ^2/NDF : 27.6/34

In: 2490.197±/-492.777 χ^2/NDF :22.8/38

Out: 1382.808±/-501.852 χ^2/NDF :63.6/40

All: 1946.606±/-351.610 χ^2/NDF : 88.9/79

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2614.131 $\pm$ 0.449 χ^2/NDF : 1120907.0/22

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 2567.024 $\pm$ 0.440 χ^2/NDF : 540224.3/21

Left: 2590.108 $\pm$ 0.314 χ^2/NDF : 1666746.0/44

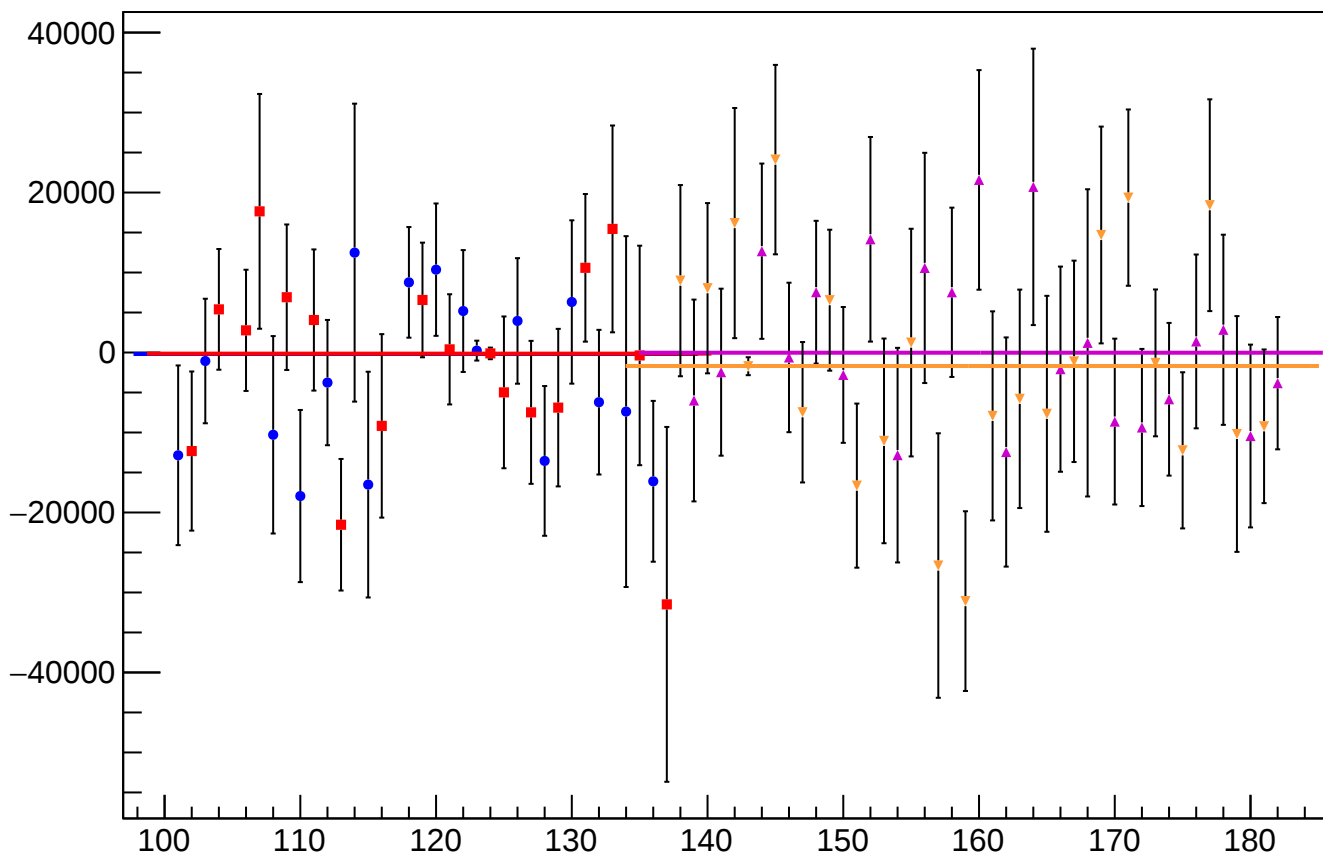
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2376.160 $\pm$ 0.348 χ^2/NDF : 1360770.8/38

Out: 2425.877 $\pm$ 0.355 χ^2/NDF : 2120717.9/40

All: 2400.579 $\pm$ 0.249 χ^2/NDF : 3491487.6/79

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1686.688+/-1021.116 χ^2/NDF : 31.1/22

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: -24.385+/-2370.916 χ^2/NDF : 13.4/21

Left: -1426.594+/-937.835 χ^2/NDF : 44.9/44

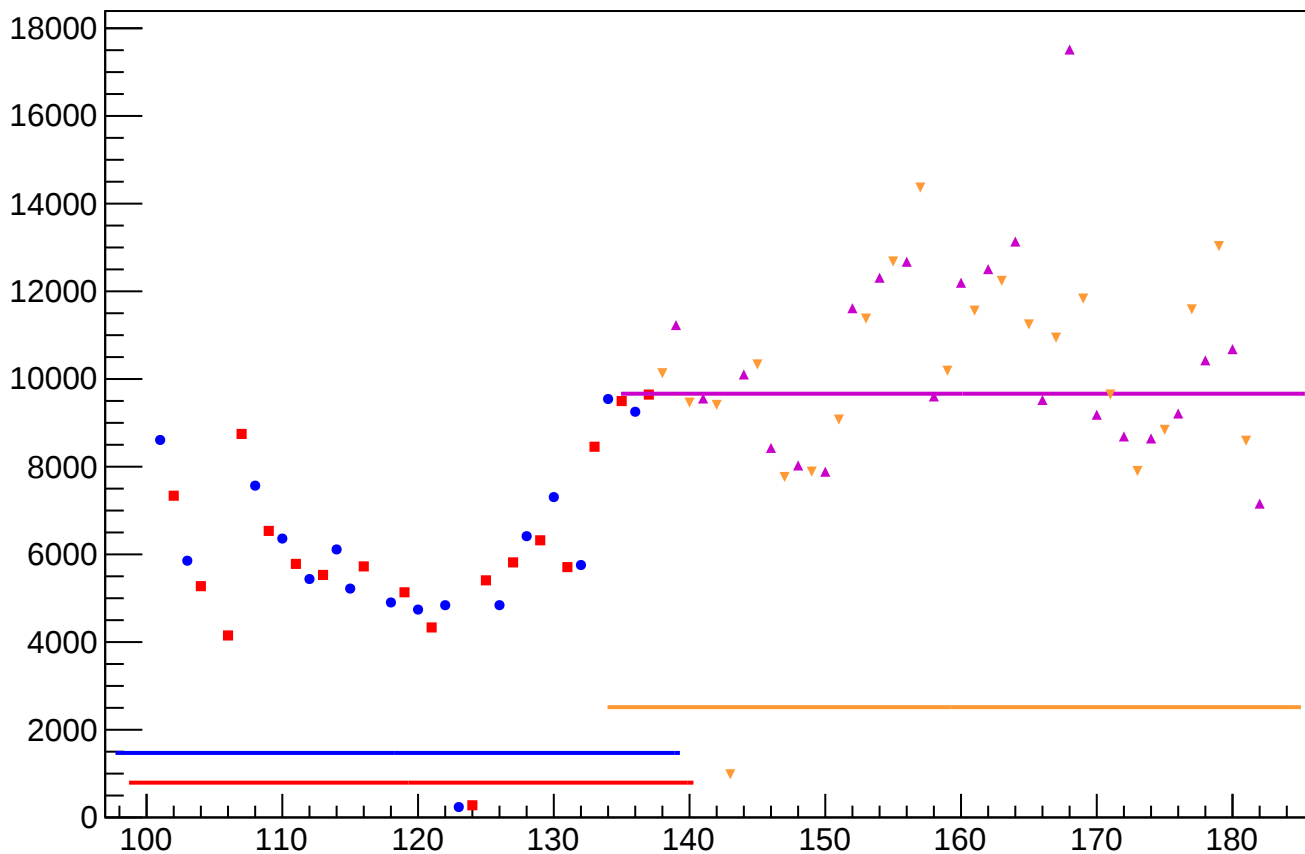
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -156.720+/-998.417 χ^2/NDF : 29.8/38

Out: -627.121+/-572.268 χ^2/NDF : 51.6/40

All: -510.796+/-496.494 χ^2/NDF : 81.6/79

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2515.611+/-0.722 χ^2/NDF : 22575355.7/22

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9664.763+/-1.676 χ^2/NDF : 1255969.3/21

Left: 3634.211+/-0.663 χ^2/NDF : 39170762.5/44

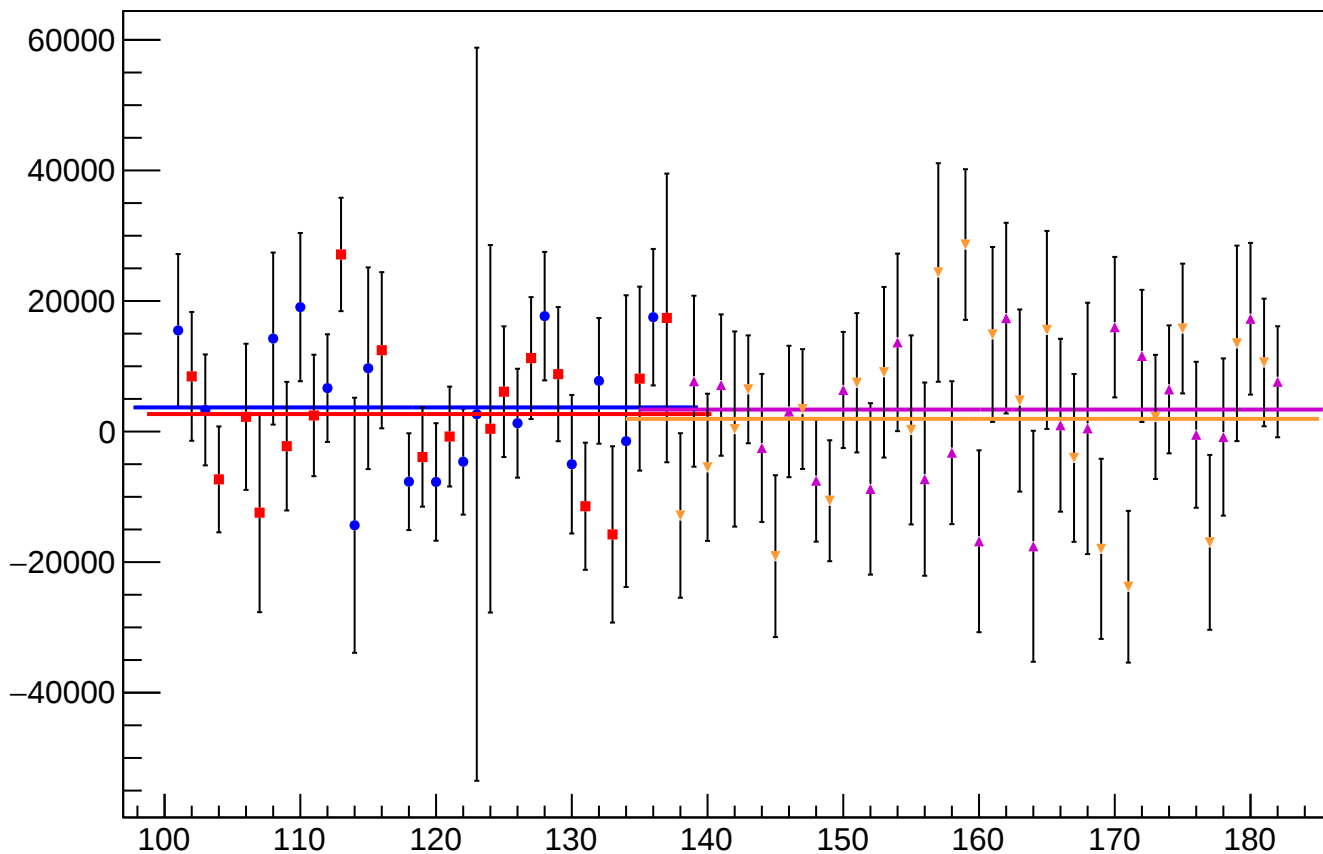
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2924.534+/-0.706 χ^2/NDF : 30692463.1/38

Out: 1334.501+/-0.405 χ^2/NDF : 37899077.8/40

All: 1727.698+/-0.351 χ^2/NDF : 72409632.3/7

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1944.007+/-2430.803 χ^2/NDF : 28.9/22

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 3367.961+/-2450.252 χ^2/NDF : 12.8/21

Left: 2650.310+/-1725.673 χ^2/NDF : 41.9/44

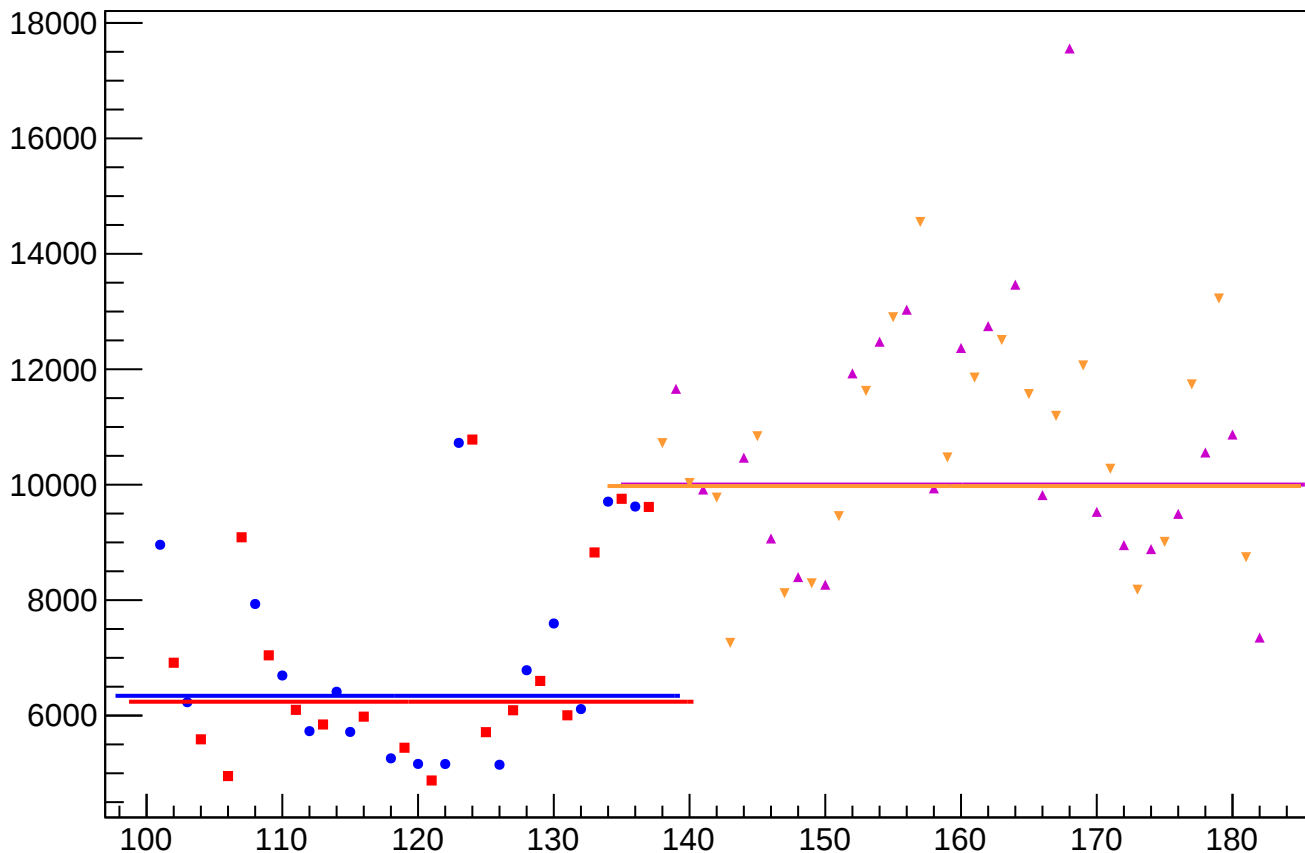
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3528.698+/-1756.035 χ^2/NDF : 27.2/38

Out: 2312.071+/-1718.075 χ^2/NDF : 47.4/40

All: 2907.093+/-1228.063 χ^2/NDF : 74.9/79

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9976.890+/-1.719 χ^2/NDF : 1095847.4/22

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10002.301+/-1.733 χ^2/NDF : 1159567.4/21

Left: 9989.494+/-1.220 χ^2/NDF : 2255523.2/44

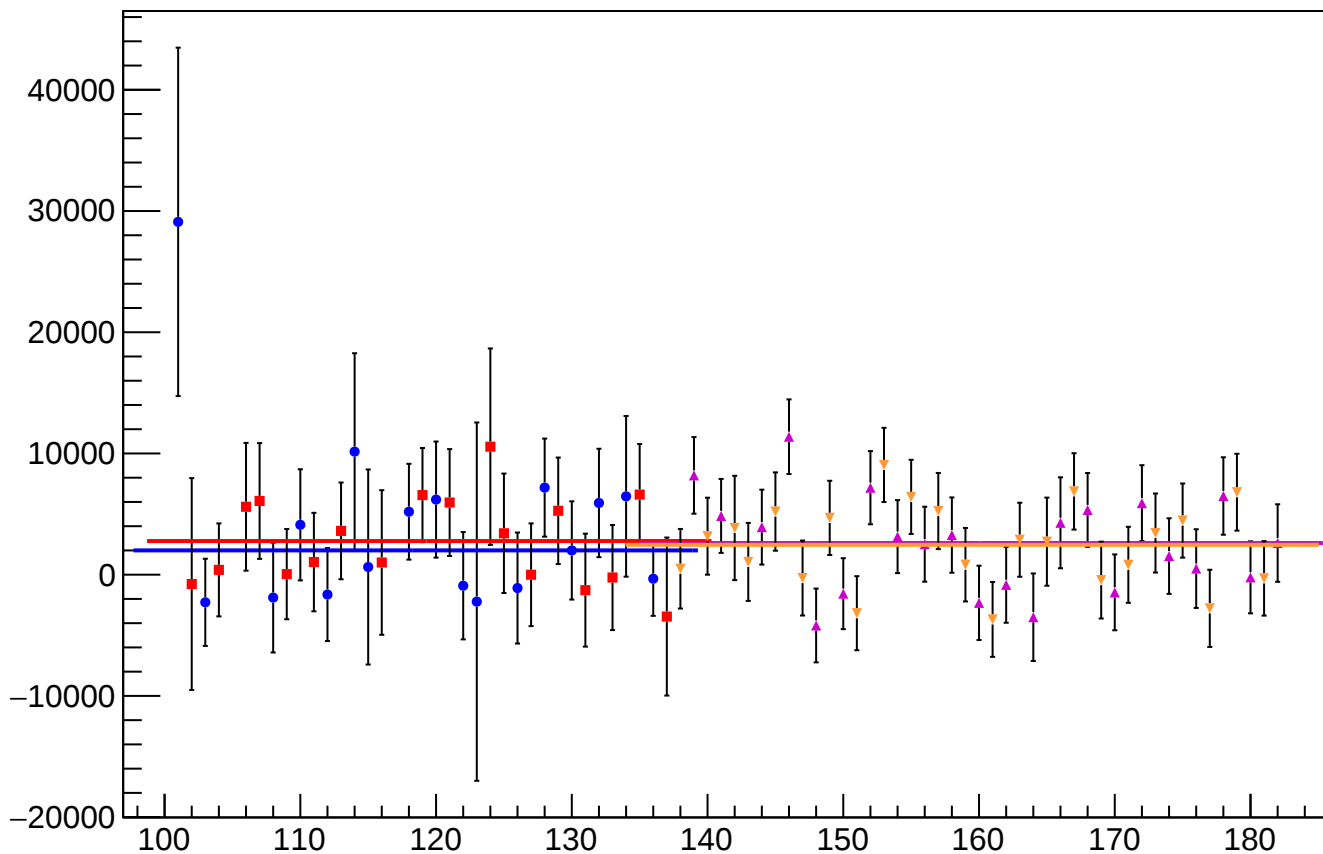
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8222.167+/-1.242 χ^2/NDF : 3923633.0/38

Out: 8106.563+/-1.215 χ^2/NDF : 3990955.4/40

All: 8163.101+/-0.868 χ^2/NDF : 7919017.1/79

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2463.441 $\pm$ 662.928 χ^2 /NDF:26.5/22

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2607.805 $\pm$ 667.256 χ^2 /NDF:34.7/21

Left: 2535.153 $\pm$ 470.284 χ^2 /NDF: 61.3/44

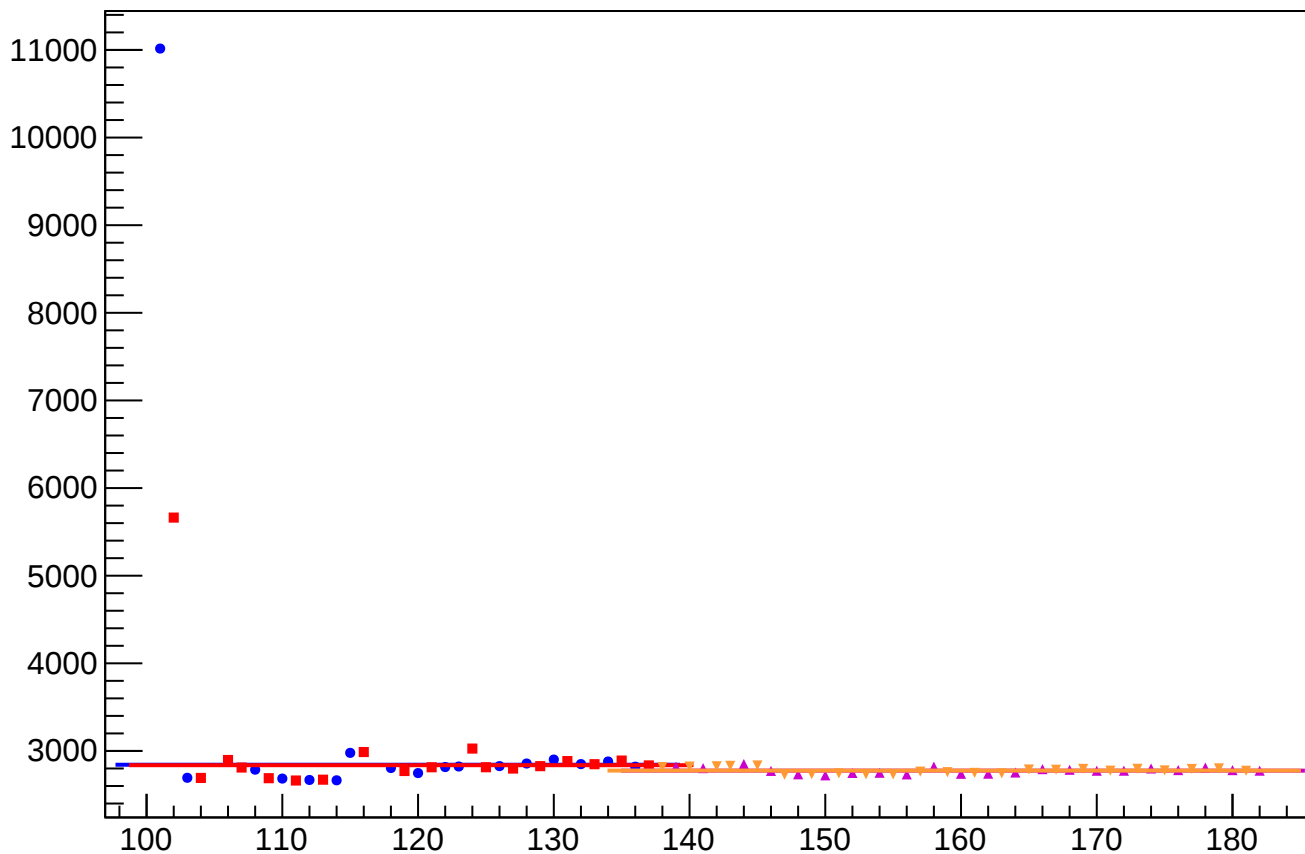
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2450.914 $\pm$ 573.960 χ^2 /NDF:48.7/38

Out: 2548.210 $\pm$ 565.951 χ^2 /NDF:34.9/40

All: 2500.246 $\pm$ 402.989 χ^2 /NDF: 83.6/79

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2776.096+/-0.469 χ^2/NDF : 4879.6/22

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2775.222+/-0.472 χ^2/NDF : 4967.5/21

Left: 2775.662+/-0.333 χ^2/NDF : 9848.8/44

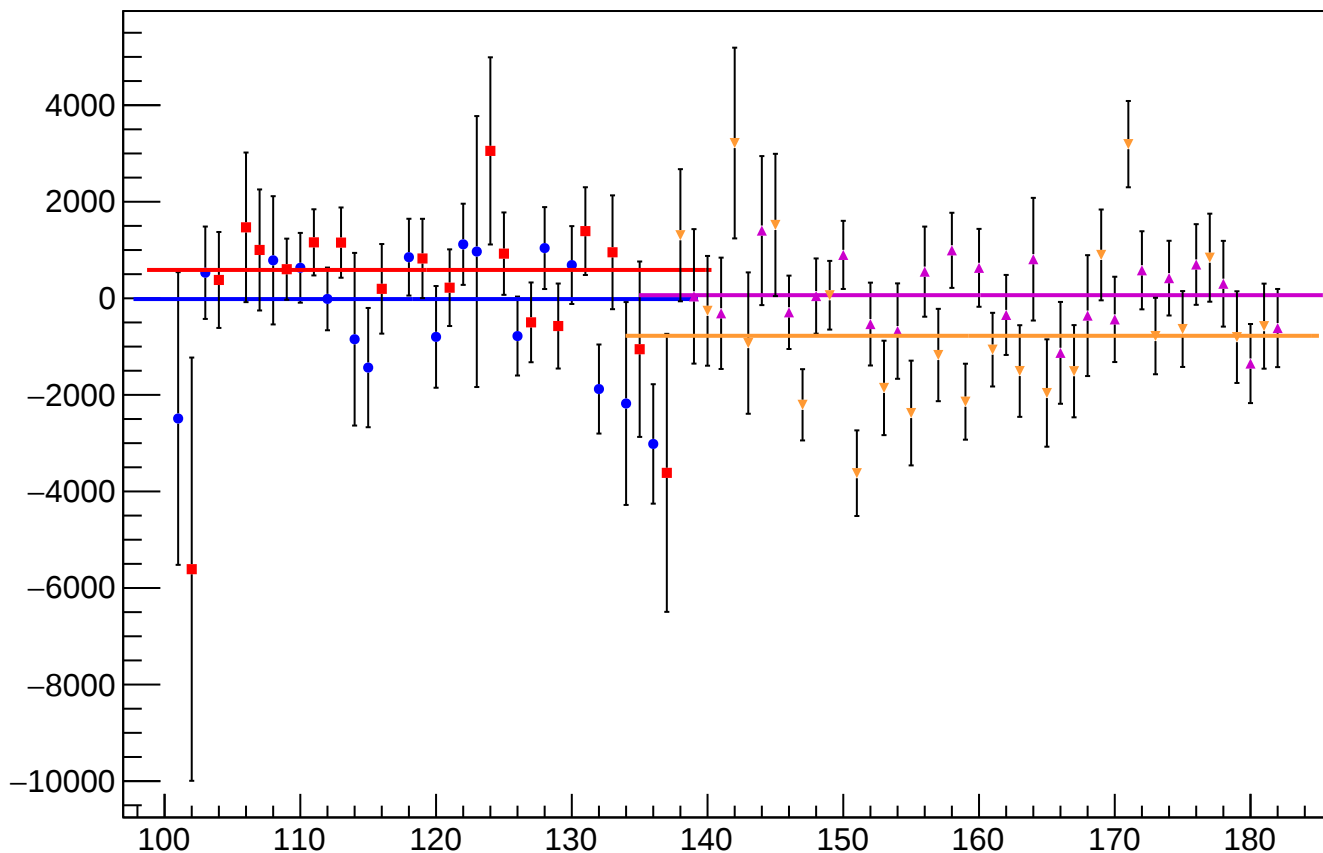
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2792.754+/-0.406 χ^2/NDF : 670581.1/38

Out: 2792.731+/-0.400 χ^2/NDF : 235945.4/40

All: 2792.742+/-0.285 χ^2/NDF : 906526.5/79

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -776.338 ± 195.698 $\chi^2/\text{NDF}: 59.7/22$

Right Out: 587.609 ± 225.811 $\chi^2/\text{NDF}: 13.3/17$

Left In: 65.104 ± 190.323 $\chi^2/\text{NDF}: 13.0/21$

Left: -343.904 ± 136.440 $\chi^2/\text{NDF}: 82.1/44$

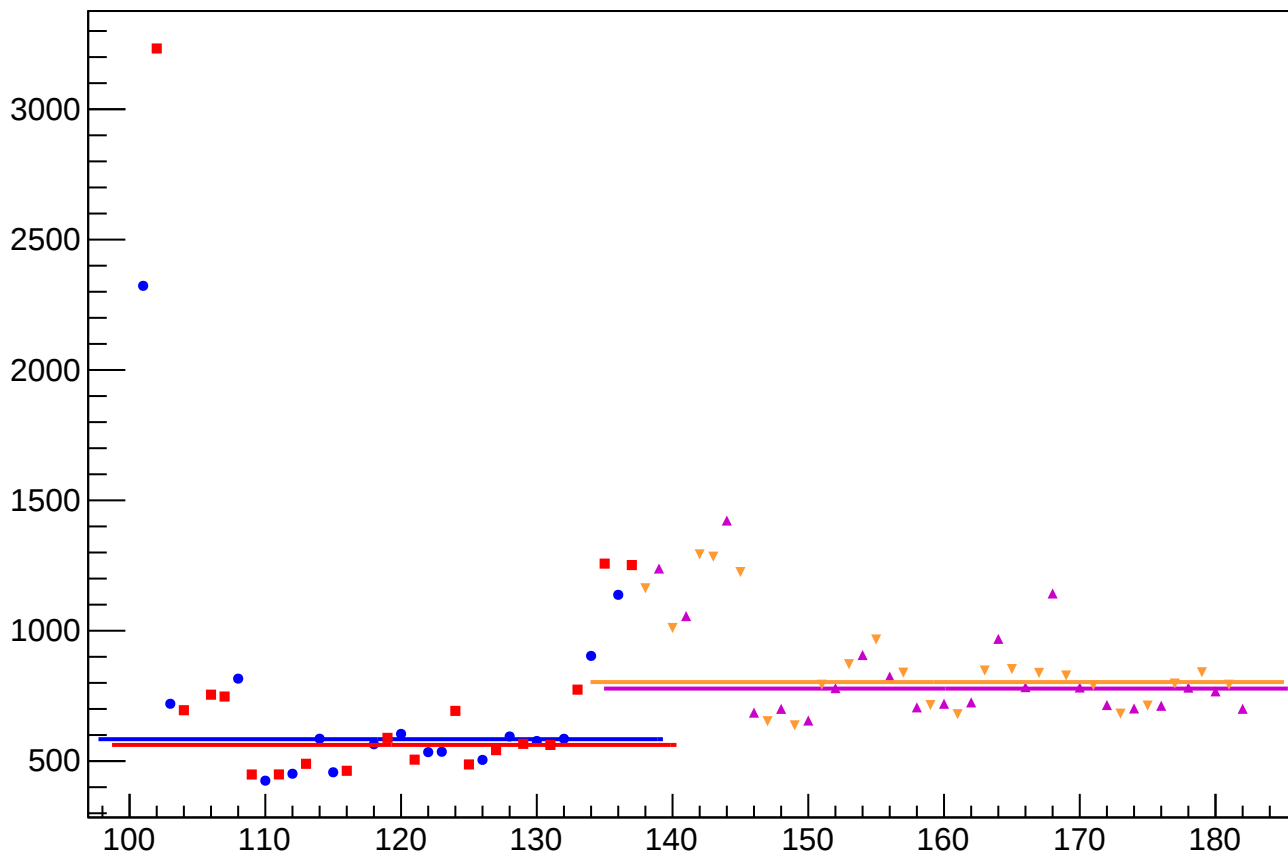
Right: 302.919 ± 164.093 $\chi^2/\text{NDF}: 38.3/34$

In: 33.752 ± 148.850 $\chi^2/\text{NDF}: 34.7/38$

Out: -191.311 ± 147.889 $\chi^2/\text{NDF}: 93.8/40$

All: -79.509 ± 104.911 $\chi^2/\text{NDF}: 129.6/79$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 803.106+/-0.138 χ^2/NDF : 1123967.2/22

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 778.086+/-0.135 χ^2/NDF : 1145482.9/21

Left: 790.248+/-0.096 χ^2/NDF : 2286250.4/44

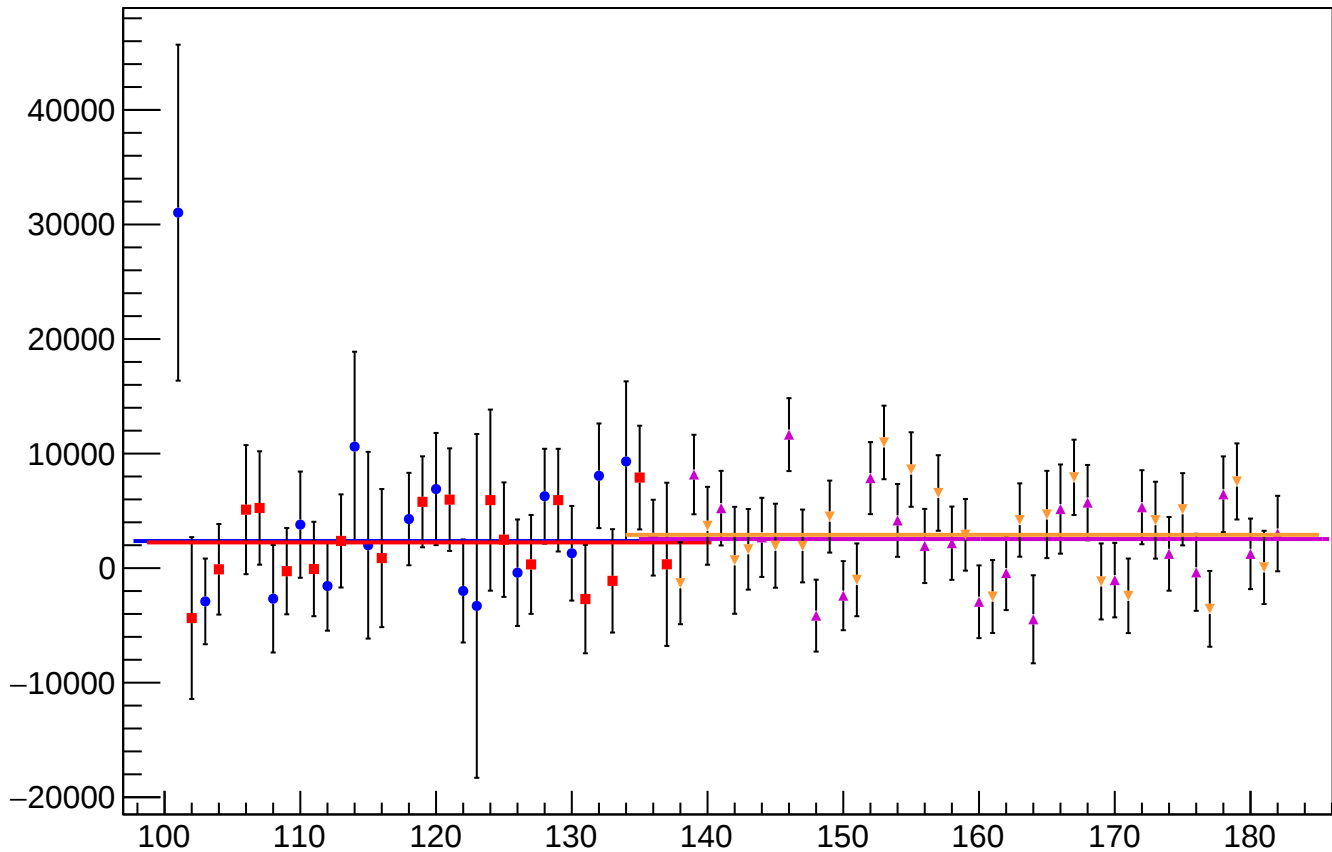
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 702.737+/-0.105 χ^2/NDF : 3389315.6/38

Out: 699.742+/-0.105 χ^2/NDF : 3950065.2/40

All: 701.230+/-0.074 χ^2/NDF : 7339788.3/79

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2906.646 $\pm$ 696.311 χ^2 /NDF:31.3/22

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2536.738 $\pm$ 698.509 χ^2 /NDF:34.9/21

Left: 2722.275 $\pm$ 493.141 χ^2 /NDF: 66.4/44

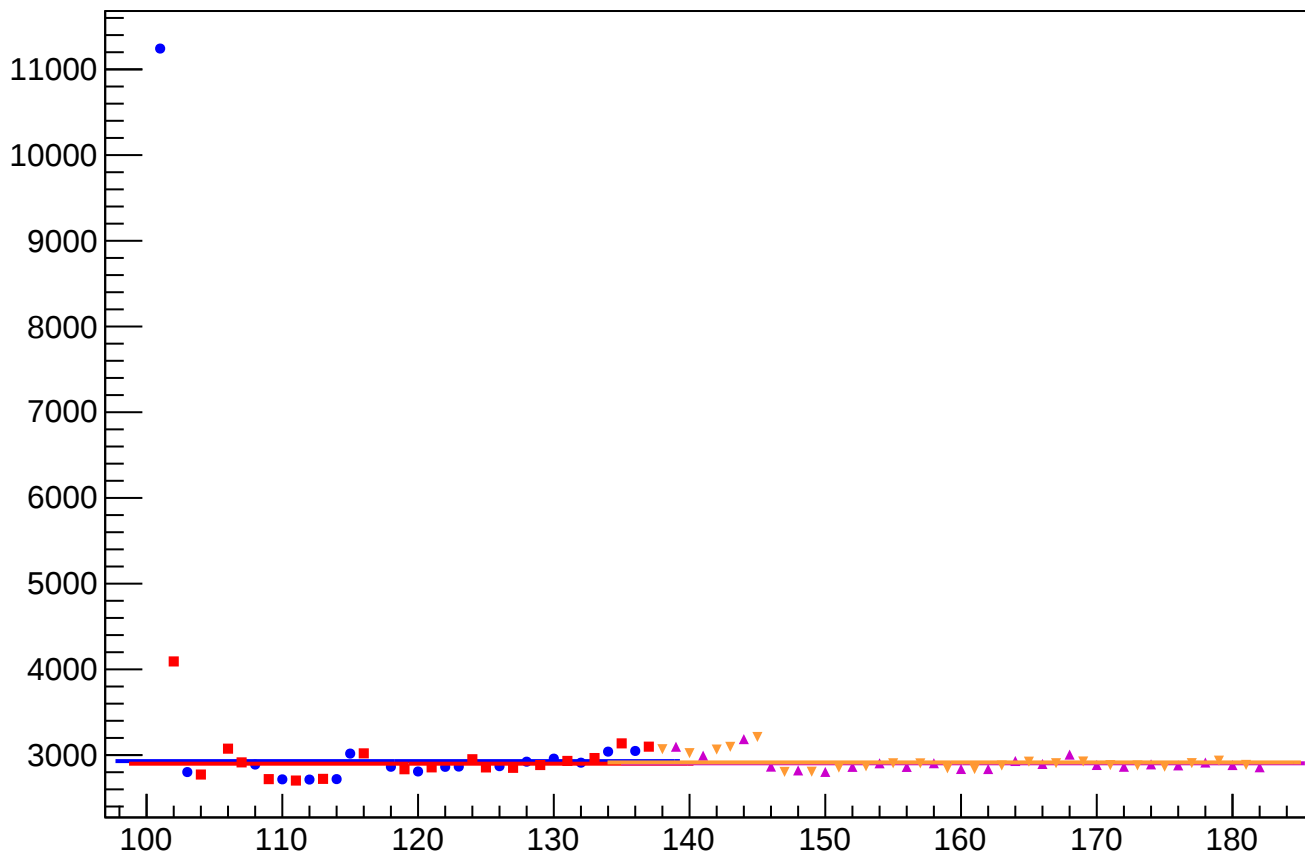
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2490.447 $\pm$ 598.387 χ^2 /NDF:50.0/38

Out: 2720.386 $\pm$ 590.148 χ^2 /NDF:40.1/40

All: 2607.011 $\pm$ 420.180 χ^2 /NDF: 90.2/79

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.337+/-0.492 χ^2/NDF : 35847.6/22

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2904.111+/-0.494 χ^2/NDF : 30383.0/21

Left: 2909.240+/-0.349 χ^2/NDF : 66445.5/44

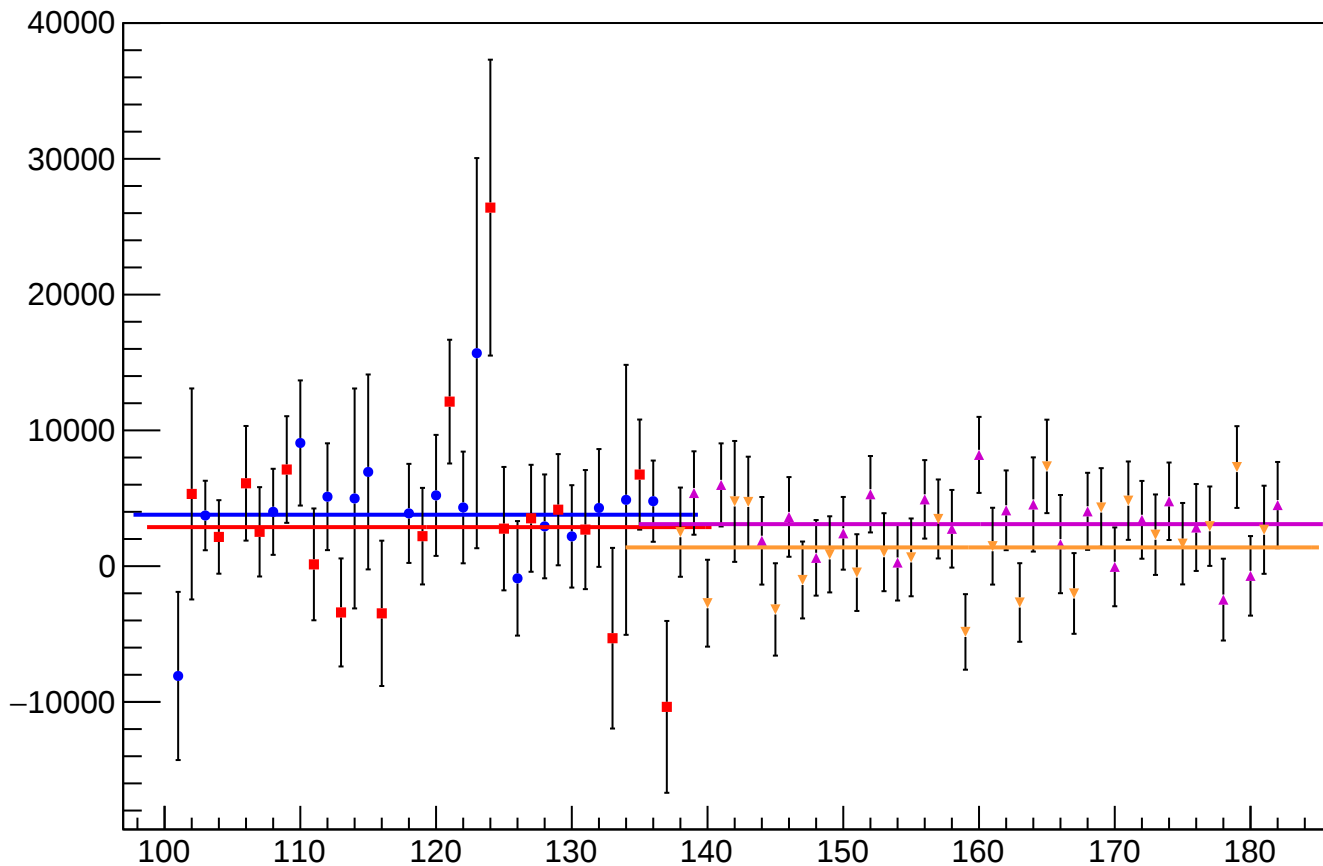
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2910.909+/-0.423 χ^2/NDF : 693723.7/38

Out: 2910.138+/-0.417 χ^2/NDF : 119648.8/40

All: 2910.518+/-0.297 χ^2/NDF : 813374.2/79

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1380.962+/-630.821 χ^2/NDF : 25.1/22

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3094.559+/-632.005 χ^2/NDF : 15.3/21

Left: 2236.154+/-446.476 χ^2/NDF : 44.0/44

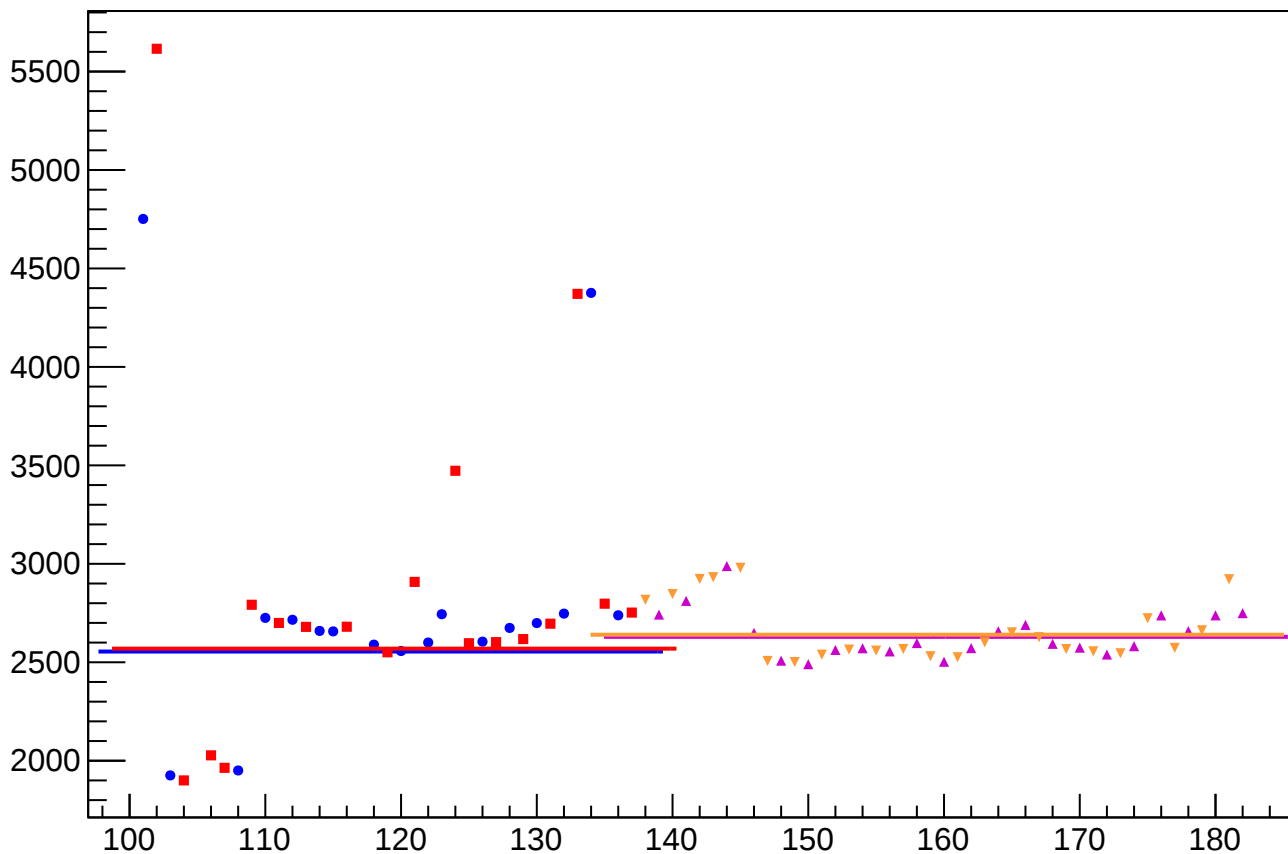
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3290.159+/-535.478 χ^2/NDF : 23.3/38

Out: 1803.695+/-534.151 χ^2/NDF : 48.7/40

All: 2545.084+/-378.170 χ^2/NDF : 75.9/79

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.914 $\pm$ 0.446 χ^2 /NDF:103207.4/22

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2629.179 $\pm$ 0.447 χ^2 /NDF:64675.0/21

Left: 2634.556 $\pm$ 0.316 χ^2 /NDF: 168171.4/44

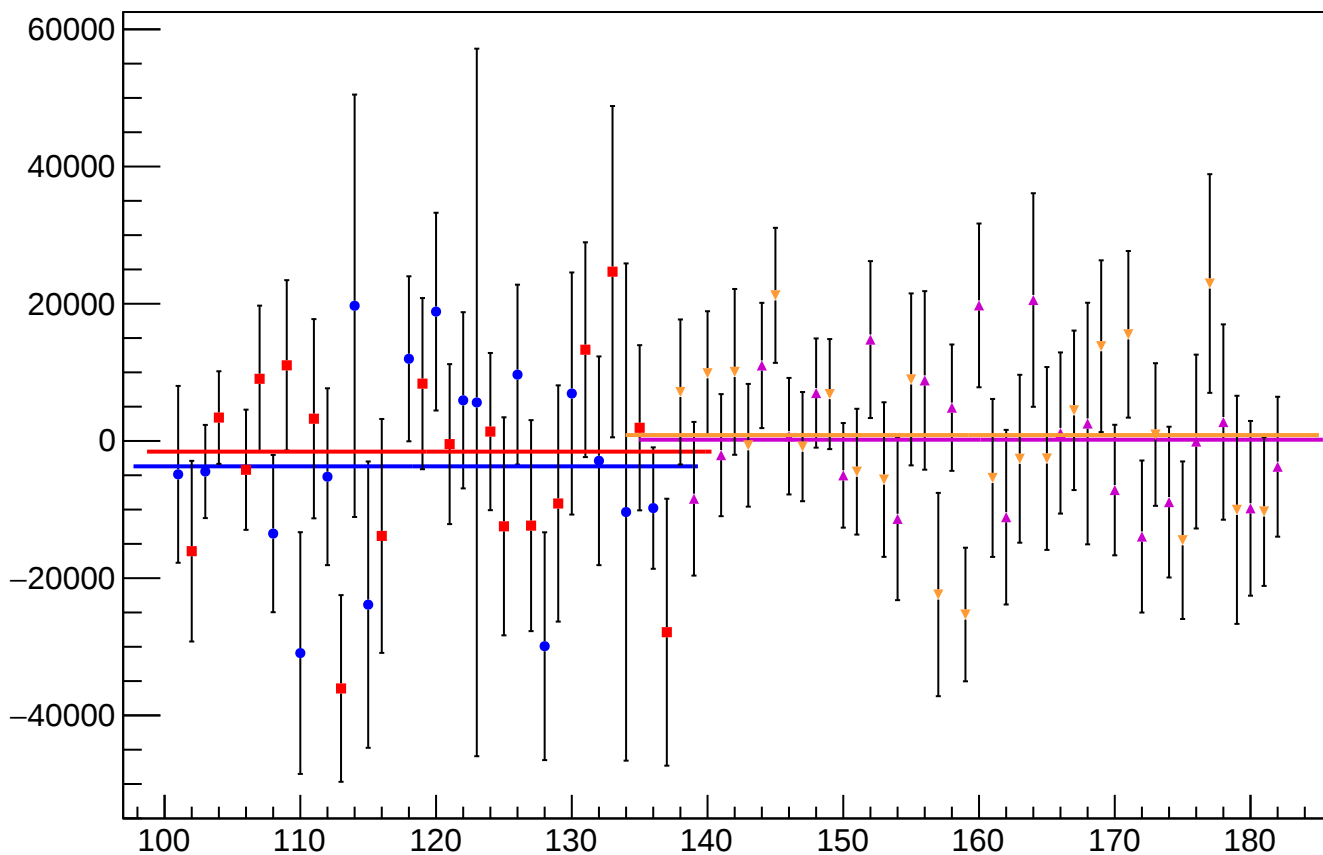
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2608.119 $\pm$ 0.379 χ^2 /NDF:609171.6/38

Out: 2619.906 $\pm$ 0.378 χ^2 /NDF:833644.7/40

All: 2614.028 $\pm$ 0.267 χ^2 /NDF: 1443302.1/79

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 858.058 $\pm$ 2254.522 χ^2 /NDF: 25.9/22

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 183.358 $\pm$ 2269.524 χ^2 /NDF: 15.4/21

Left: 522.945 $\pm$ 1599.465 χ^2 /NDF: 41.4/44

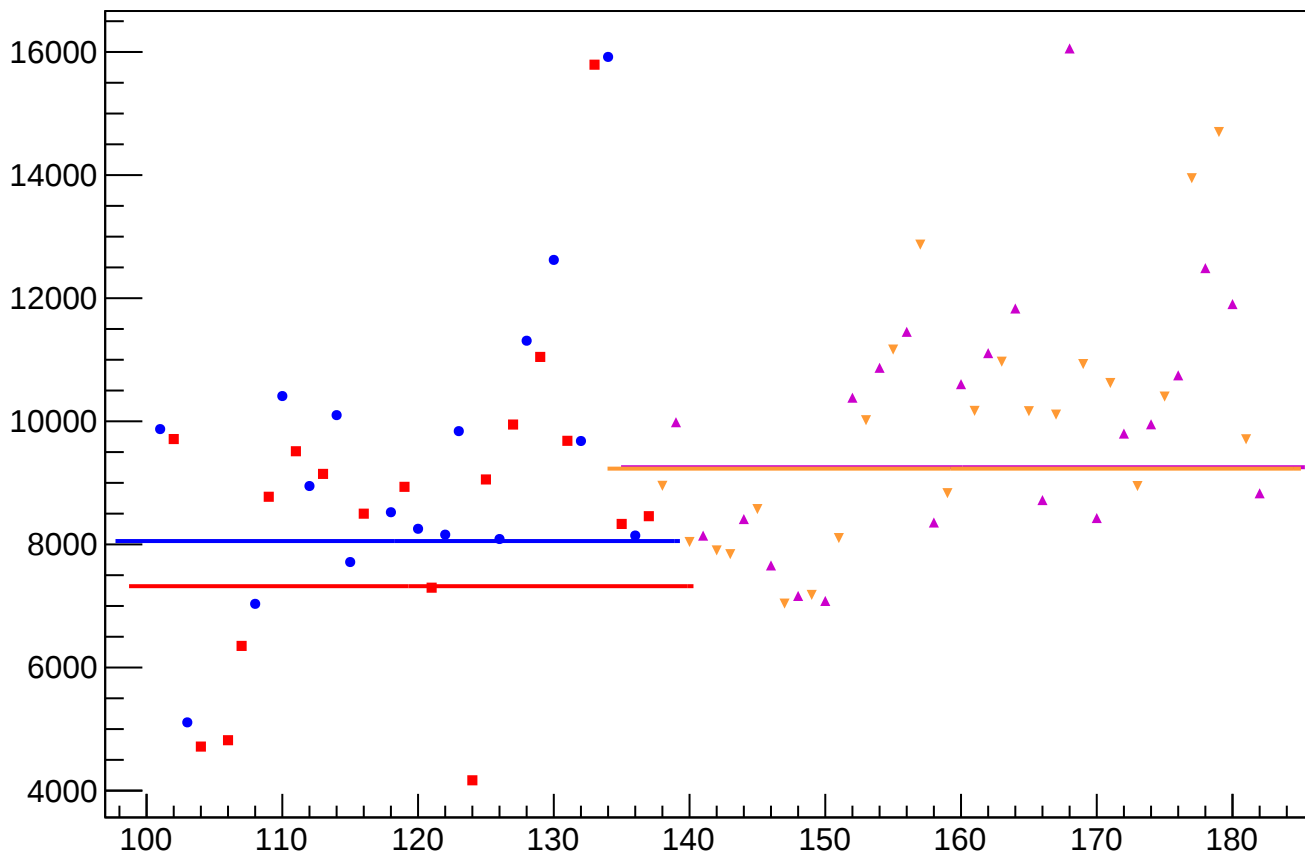
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -1106.508 $\pm$ 1854.642 χ^2 /NDF: 30.2/38

Out: -46.640 $\pm$ 1782.630 χ^2 /NDF: 43.1/40

All: -555.599 $\pm$ 1285.214 χ^2 /NDF: 73.5/79

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 9231.167+/-1.594 χ^2/NDF :1167613.0/22

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9254.303+/-1.605 χ^2/NDF :1235318.7/21

Left: 9242.658+/-1.131 χ^2/NDF : 2403036.4/44

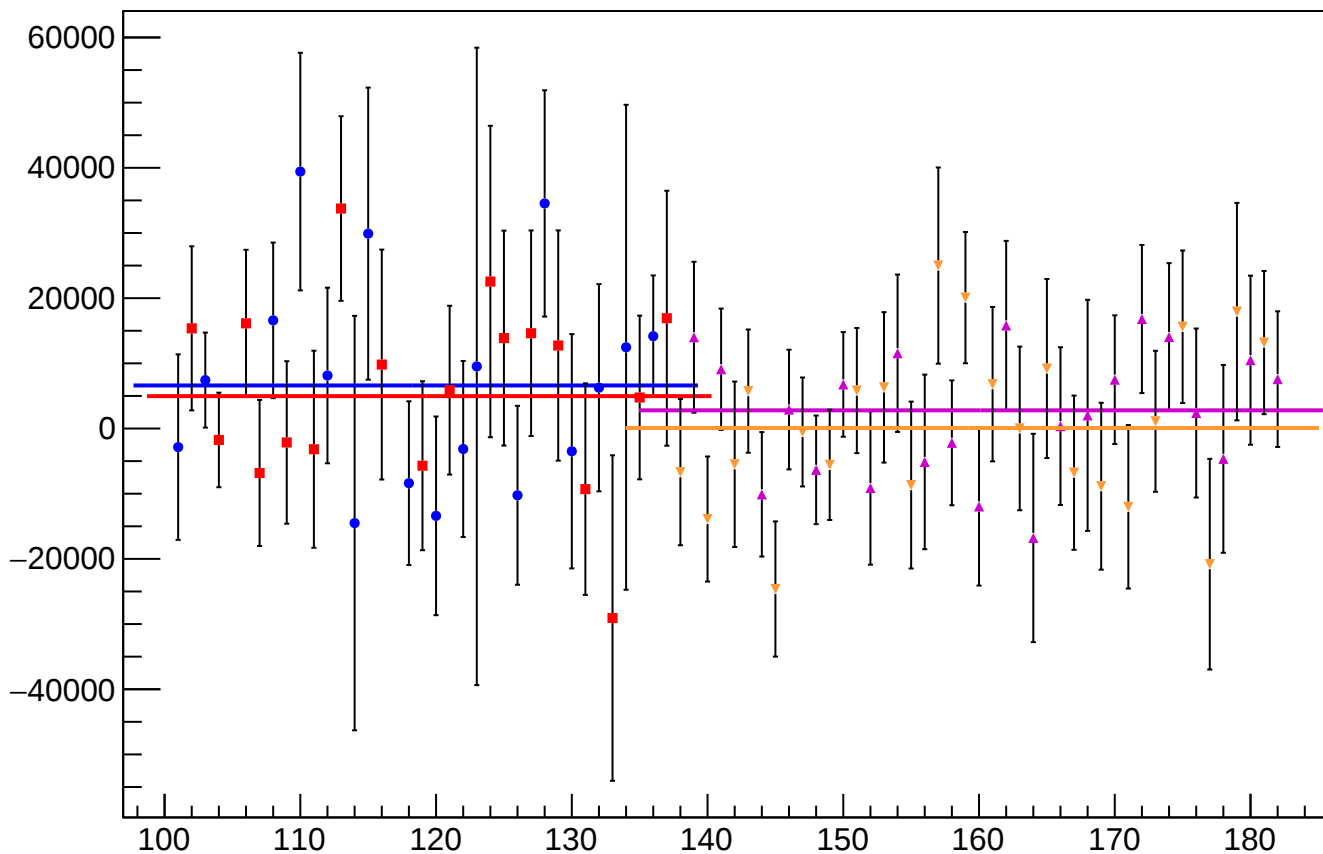
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8855.827+/-1.311 χ^2/NDF :2241680.2/38

Out: 8515.382+/-1.261 χ^2/NDF :3041440.3/40

All: 8678.867+/-0.909 χ^2/NDF : 5318149.9/79

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 76.921+/-2341.063 χ^2/NDF : 25.5/22

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2790.200+/-2352.382 χ^2/NDF : 14.4/21

Left: 1427.017+/-1659.369 χ^2/NDF : 40.6/44

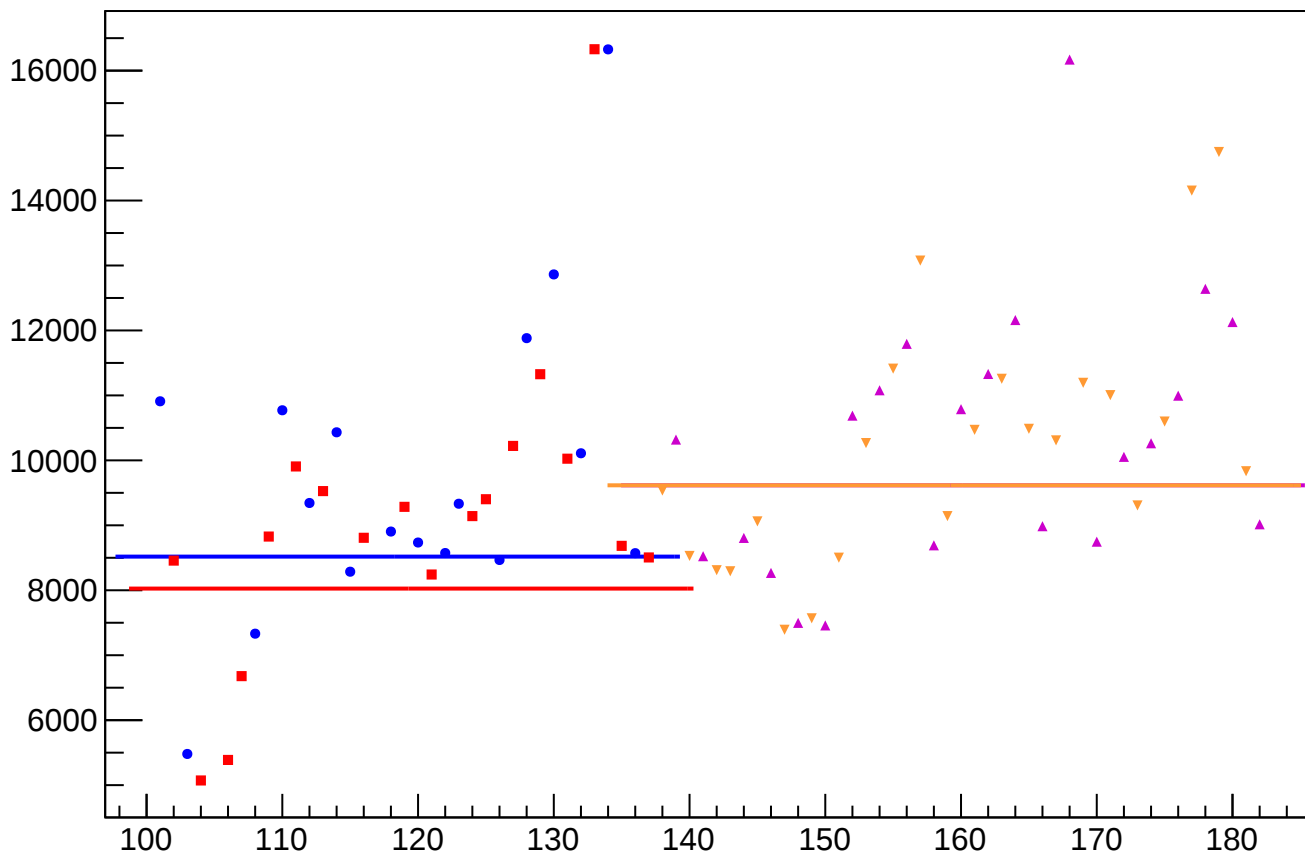
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 4027.945+/-1933.738 χ^2/NDF : 30.0/38

Out: 1798.153+/-1884.625 χ^2/NDF : 40.6/40

All: 2884.373+/-1349.660 χ^2/NDF : 71.2/79

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2 /NDF: 771995.0/16

Left Out: 9616.015 $\pm$ 1.655 χ^2 /NDF: 1011193.8/22

Right Out: 8026.045 $\pm$ 2.246 χ^2 /NDF: 942657.8/17

Left In: 9615.900 $\pm$ 1.663 χ^2 /NDF: 1084100.6/21

Left: 9615.958 $\pm$ 1.173 χ^2 /NDF: 2095294.4/44

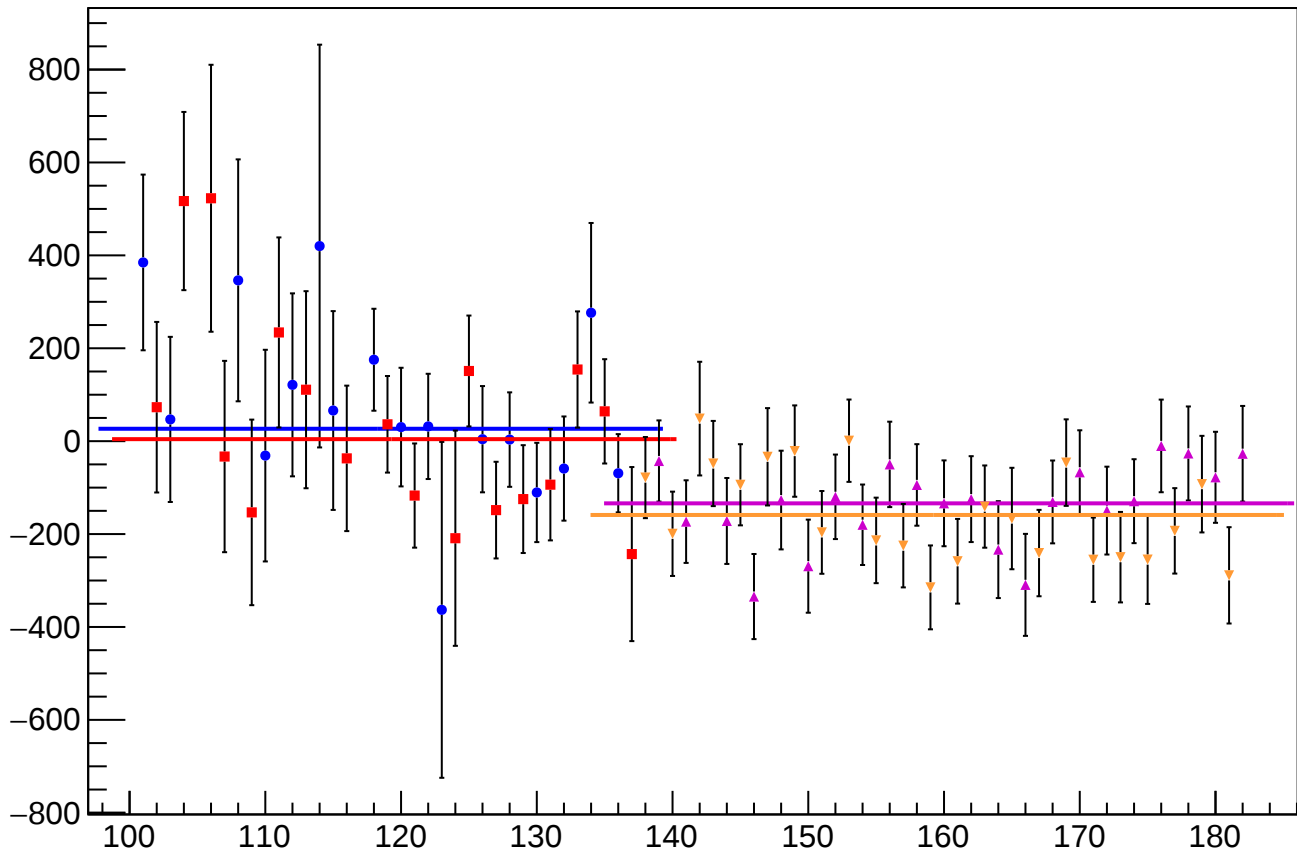
Right: 8255.767 $\pm$ 1.640 χ^2 /NDF: 1737062.4/34

In: 9259.983 $\pm$ 1.367 χ^2 /NDF: 1997290.1/38

Out: 9056.436 $\pm$ 1.333 χ^2 /NDF: 2278530.9/40

All: 9155.591 $\pm$ 0.954 χ^2 /NDF: 4287186.0/79

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -158.871 ± 19.670 $\chi^2/\text{NDF}: 25.2/22$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -133.867 ± 20.113 $\chi^2/\text{NDF}: 17.5/21$

Left: -146.647 ± 14.063 $\chi^2/\text{NDF}: 43.6/44$

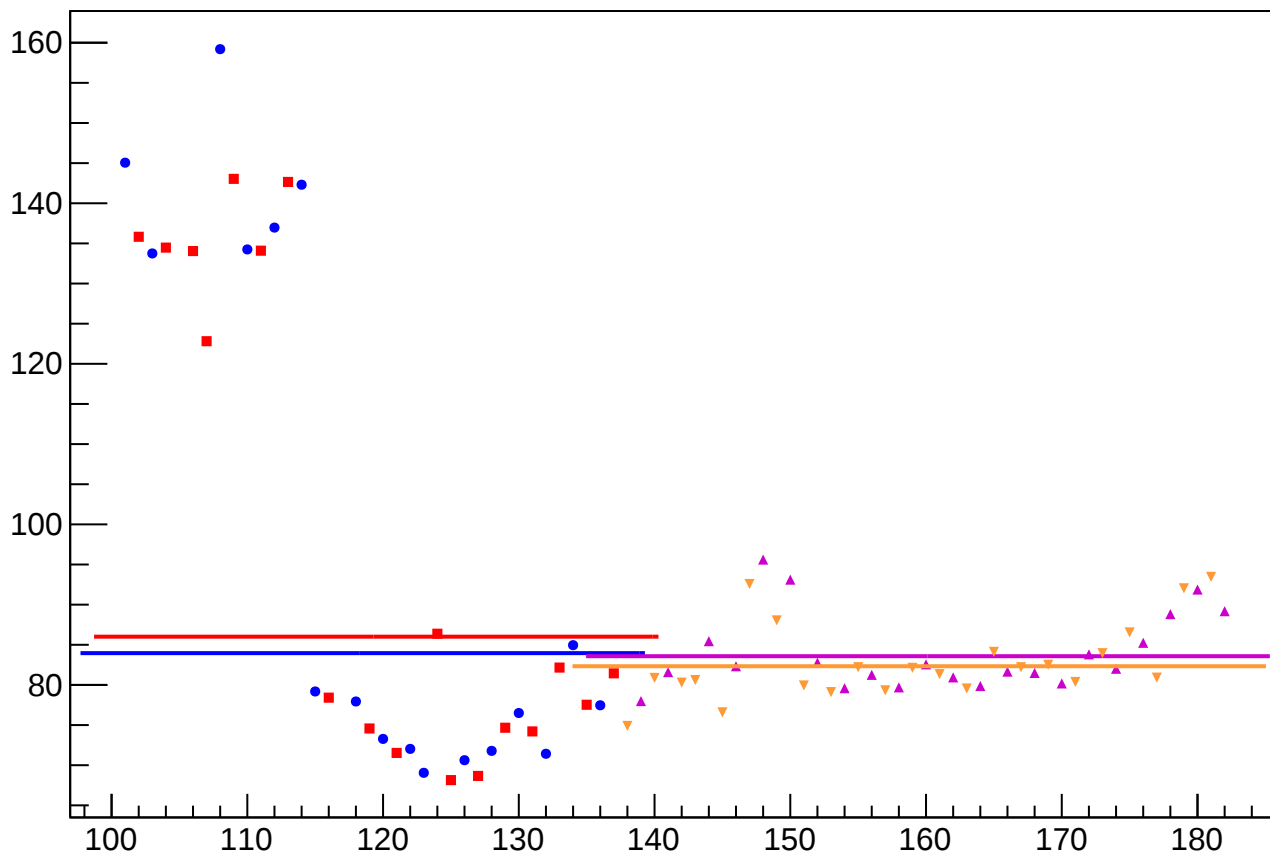
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -91.554 ± 17.261 $\chi^2/\text{NDF}: 48.9/38$

Out: -117.657 ± 17.006 $\chi^2/\text{NDF}: 66.6/40$

All: -104.800 ± 12.114 $\chi^2/\text{NDF}: 116.6/79$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 82.330+/-0.014 χ^2/NDF :106203.5/22

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.578+/-0.014 χ^2/NDF :99477.6/21

Left: 82.940+/-0.010 χ^2/NDF : 209616.7/44

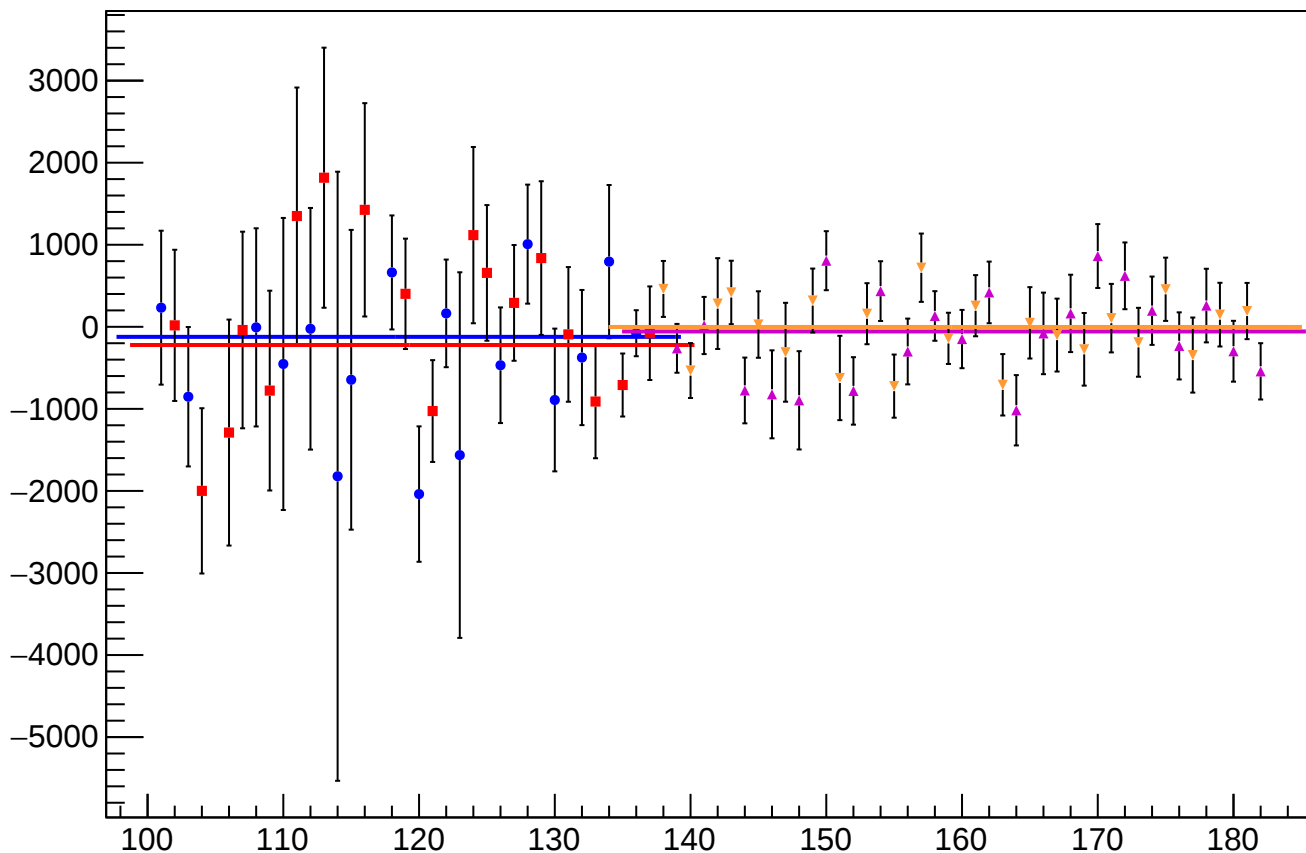
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.679+/-0.012 χ^2/NDF :1059921.7/38

Out: 83.260+/-0.012 χ^2/NDF :1150302.3/40

All: 83.466+/-0.009 χ^2/NDF : 2210821.9/79

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -1.849 ± 83.154 $\chi^2/\text{NDF}: 22.3/22$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -56.825 ± 83.183 $\chi^2/\text{NDF}: 37.9/21$

Left: -29.328 ± 58.809 $\chi^2/\text{NDF}: 60.5/44$

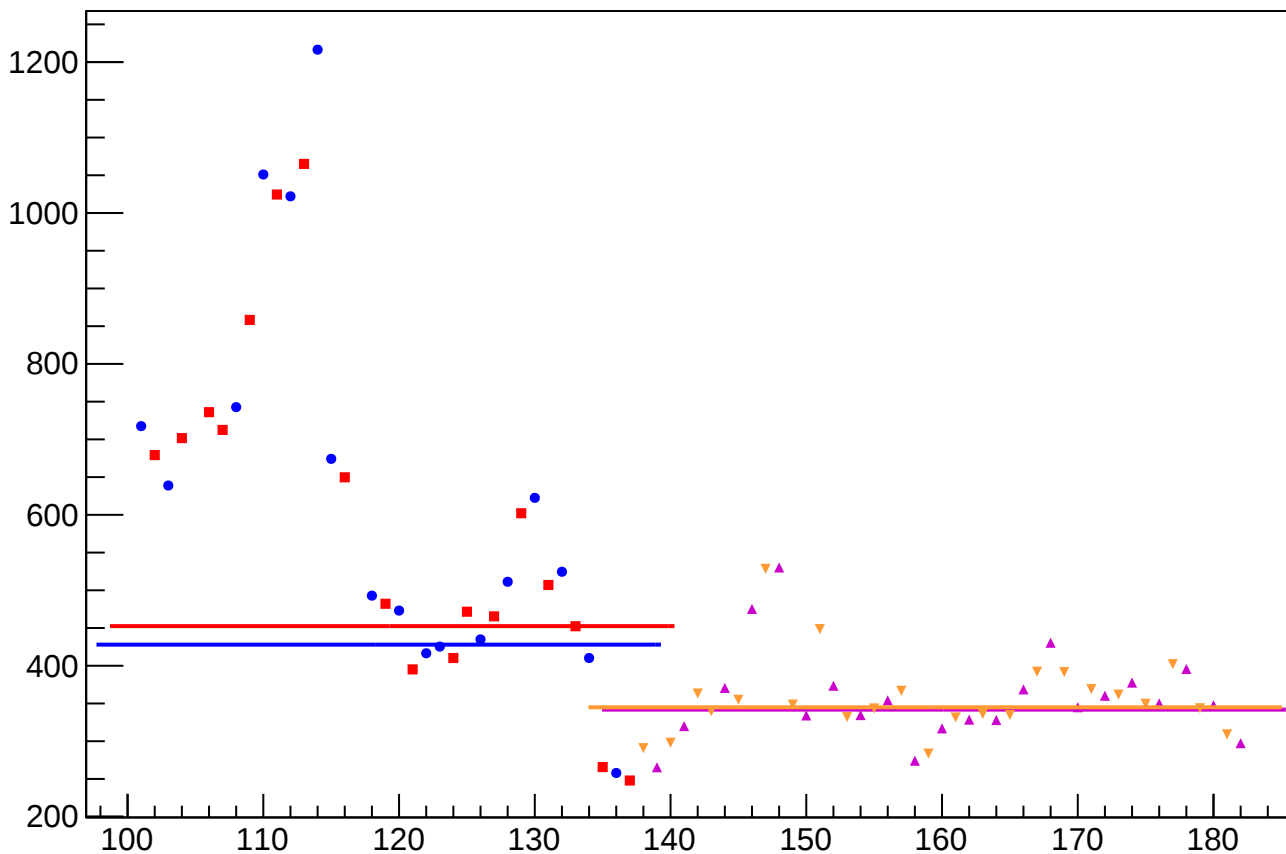
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -68.411 ± 75.479 $\chi^2/\text{NDF}: 51.1/38$

Out: -38.739 ± 75.852 $\chi^2/\text{NDF}: 41.5/40$

All: -53.648 ± 53.503 $\chi^2/\text{NDF}: 92.7/79$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 344.937+/-0.059 χ^2/NDF : 559064.5/22

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 341.844+/-0.059 χ^2/NDF : 761526.8/21

Left: 343.391+/-0.042 χ^2/NDF : 1321974.1/44

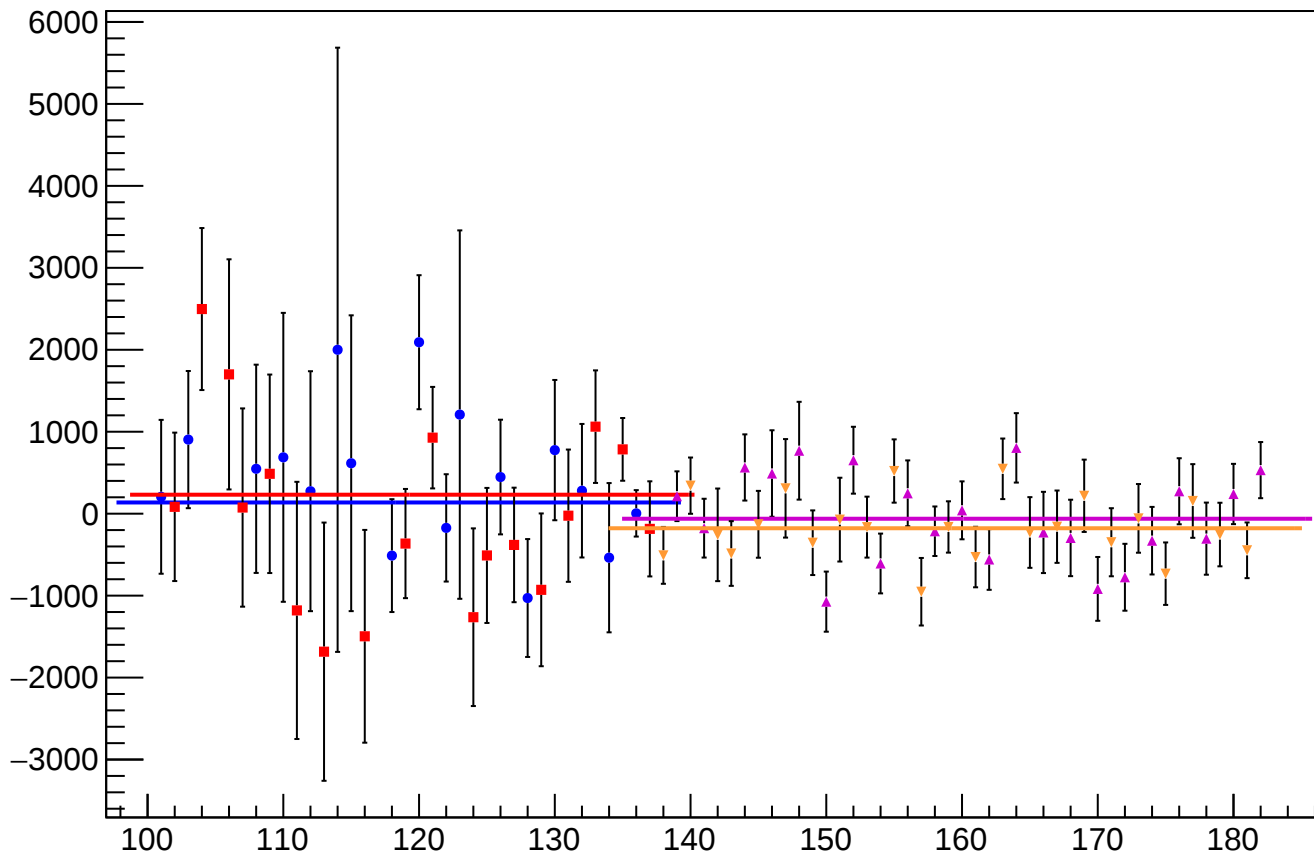
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 357.061+/-0.053 χ^2/NDF : 3202640.0/38

Out: 363.002+/-0.054 χ^2/NDF : 3194141.1/40

All: 360.017+/-0.038 χ^2/NDF : 6402945.1/79

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -177.814 $\pm$ 83.234 χ^2/NDF :20.7/22

Right Out: 231.586 $\pm$ 184.578 χ^2/NDF : 21.8/17

Left In: -61.703 $\pm$ 83.180 χ^2/NDF :39.5/21

Left: -119.722 $\pm$ 58.836 χ^2/NDF : 61.2/44

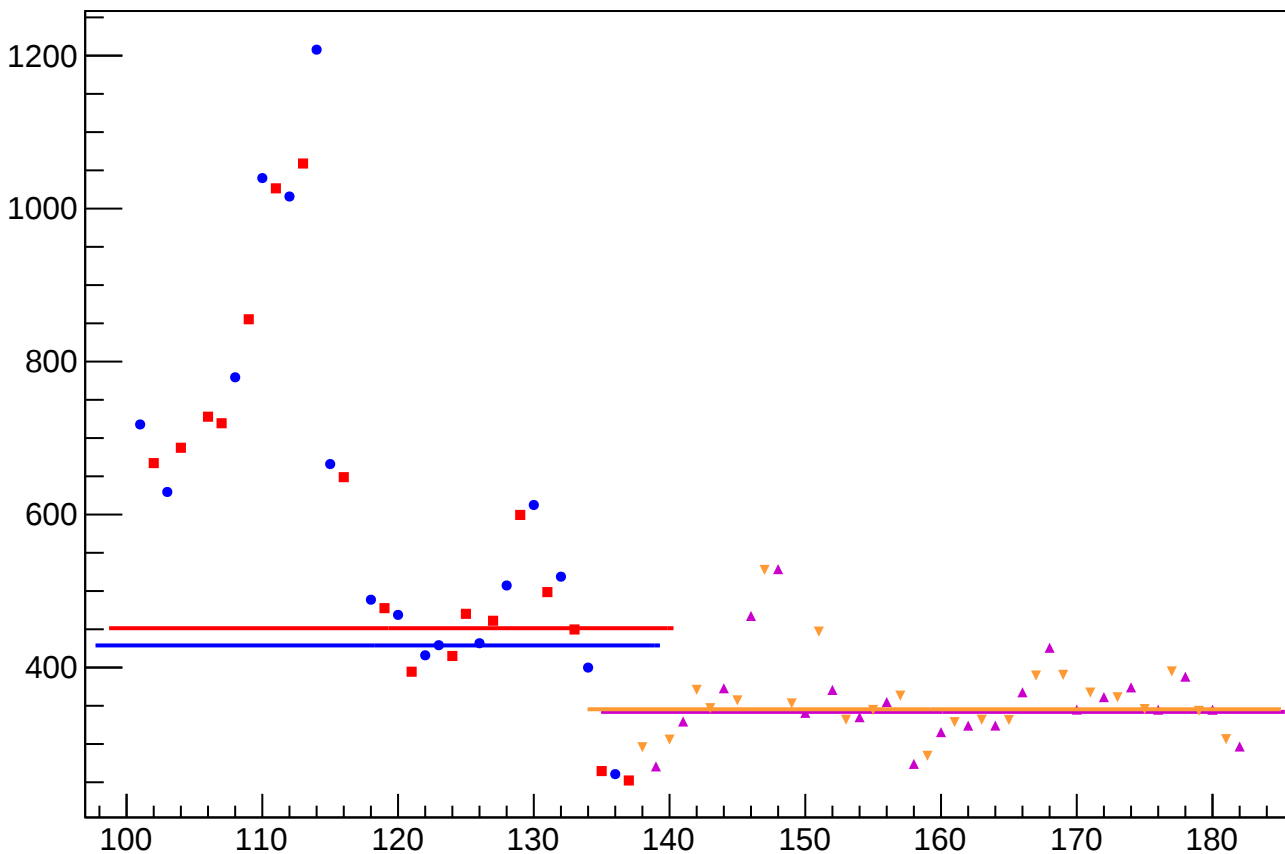
Right: 182.905 $\pm$ 128.724 χ^2/NDF : 34.5/34

In: -26.645 $\pm$ 75.479 χ^2/NDF :53.1/38

Out: -108.632 $\pm$ 75.876 χ^2/NDF :46.6/40

All: -67.424 $\pm$ 53.511 χ^2/NDF : 100.3/79

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 345.434 $\pm$ 0.059 χ^2 /NDF: 527644.3/22

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 342.028 $\pm$ 0.059 χ^2 /NDF: 710209.1/21

Left: 343.730 $\pm$ 0.042 χ^2 /NDF: 1239529.4/44

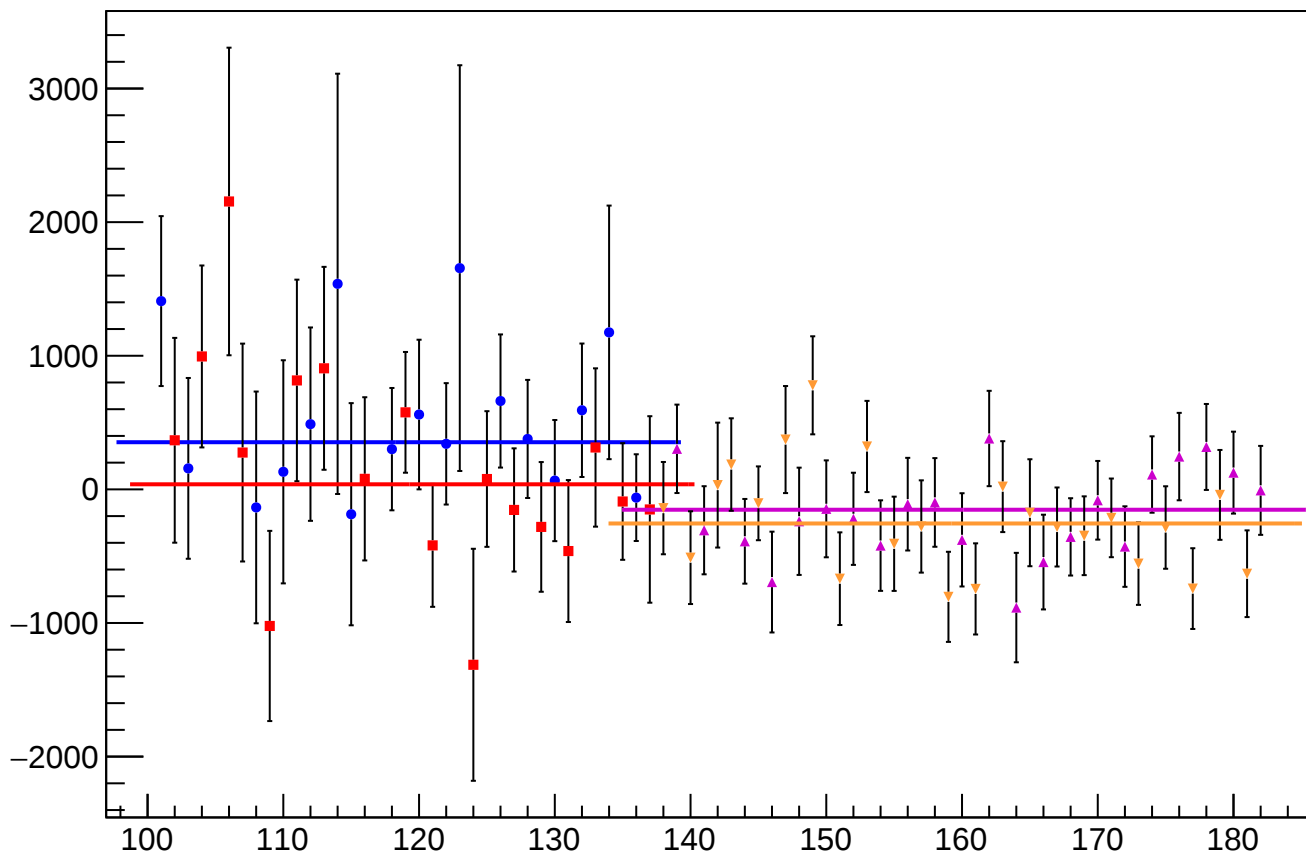
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 357.368 $\pm$ 0.053 χ^2 /NDF: 3105960.8/38

Out: 363.343 $\pm$ 0.054 χ^2 /NDF: 3106285.1/40

All: 360.339 $\pm$ 0.038 χ^2 /NDF: 6218479.2/79

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -255.293 $\pm$ 69.552 χ^2/NDF :28.7/22

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -152.443 $\pm$ 70.884 χ^2/NDF :19.4/21

Left: -204.844 $\pm$ 49.645 χ^2/NDF : 49.1/44

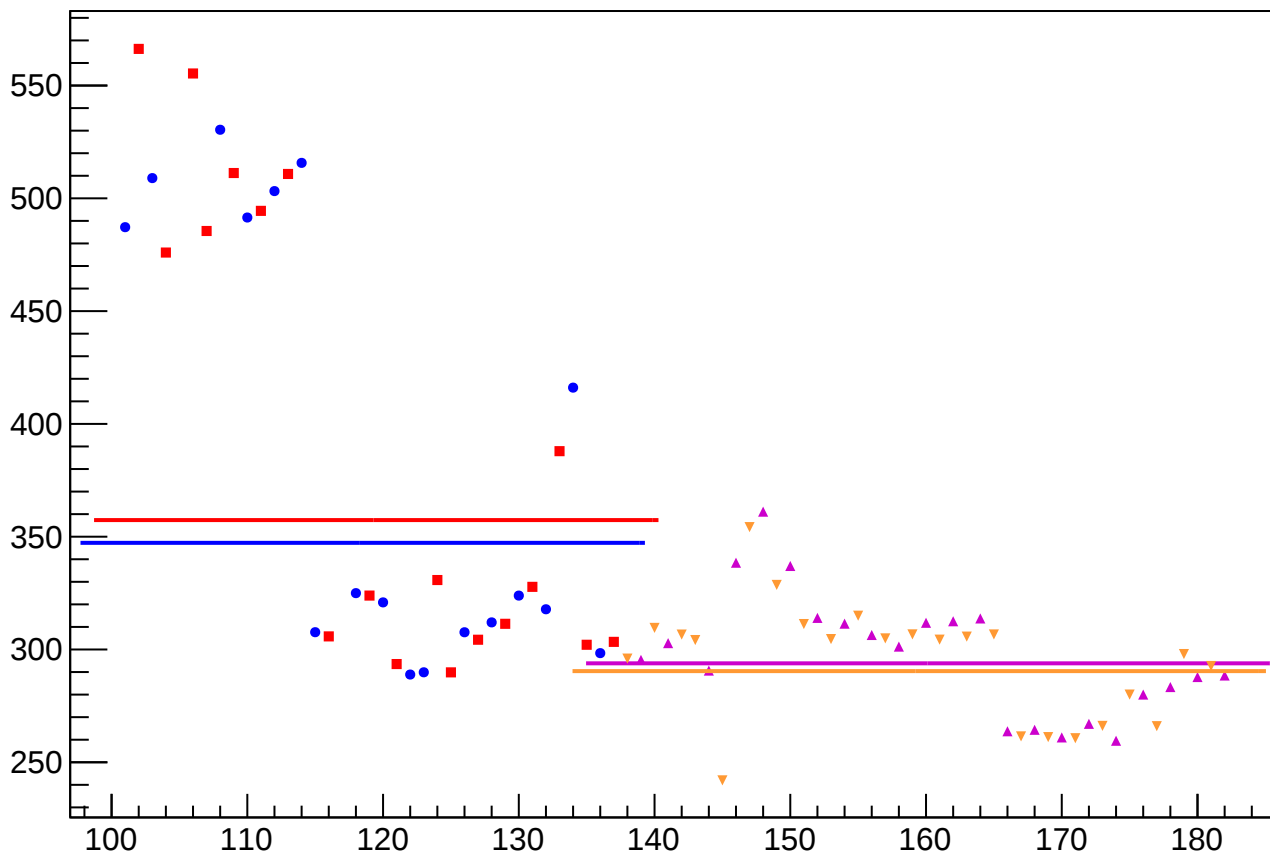
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -46.088 $\pm$ 62.985 χ^2/NDF :38.6/38

Out: -196.584 $\pm$ 62.202 χ^2/NDF :49.1/40

All: -122.278 $\pm$ 44.258 χ^2/NDF : 90.7/79

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 290.411+/-0.049 χ^2/NDF :273477.1/22

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 293.866+/-0.050 χ^2/NDF :257202.6/21

Left: 292.106+/-0.035 χ^2/NDF : 533100.1/44

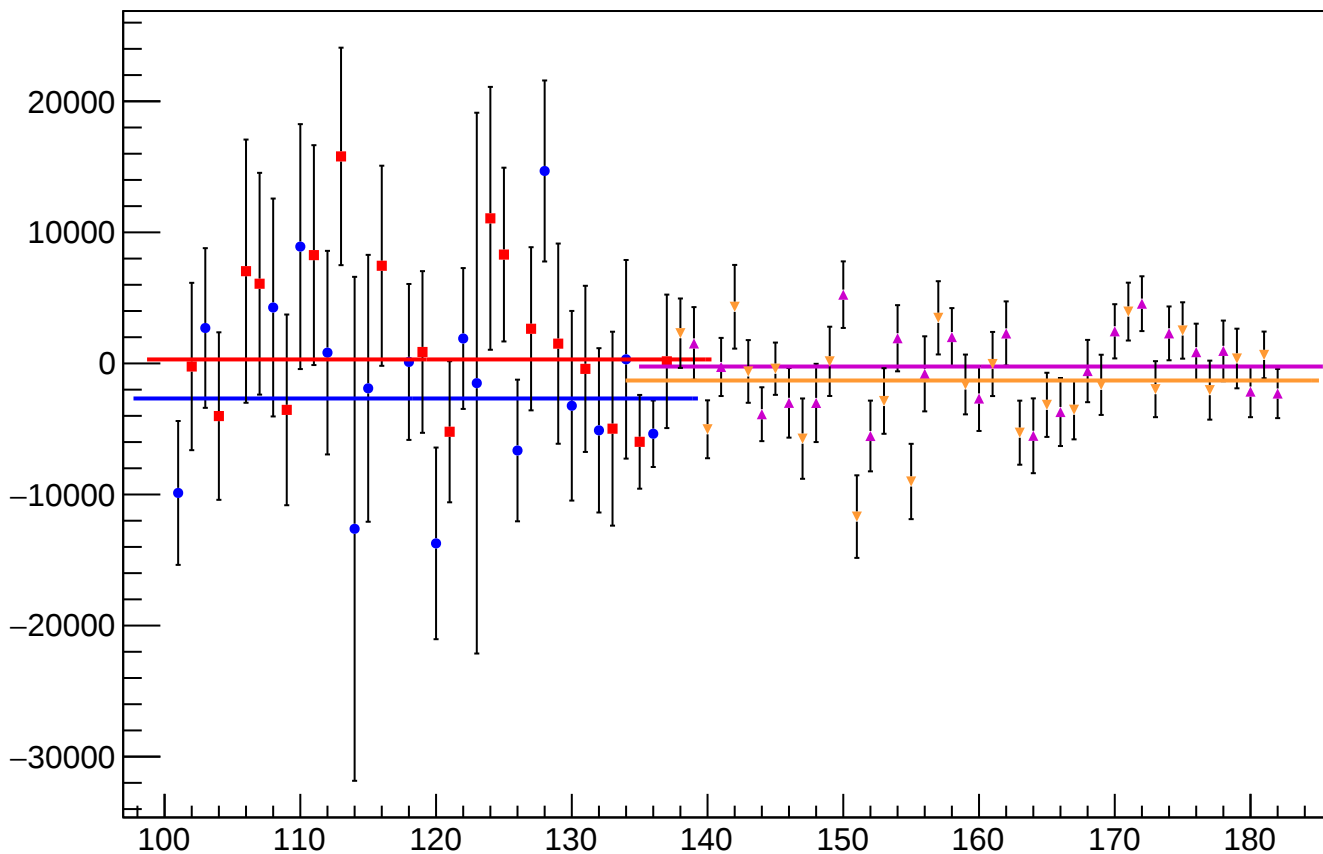
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 305.107+/-0.045 χ^2/NDF :1115103.0/38

Out: 303.814+/-0.044 χ^2/NDF :1404429.5/40

All: 304.453+/-0.031 χ^2/NDF : 2519959.0/79

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1302.106 $\pm$ 496.501 χ^2/NDF : 47.1/22

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -235.931 $\pm$ 498.520 χ^2/NDF : 34.2/21

Left: -771.182 $\pm$ 351.791 χ^2/NDF : 83.7/44

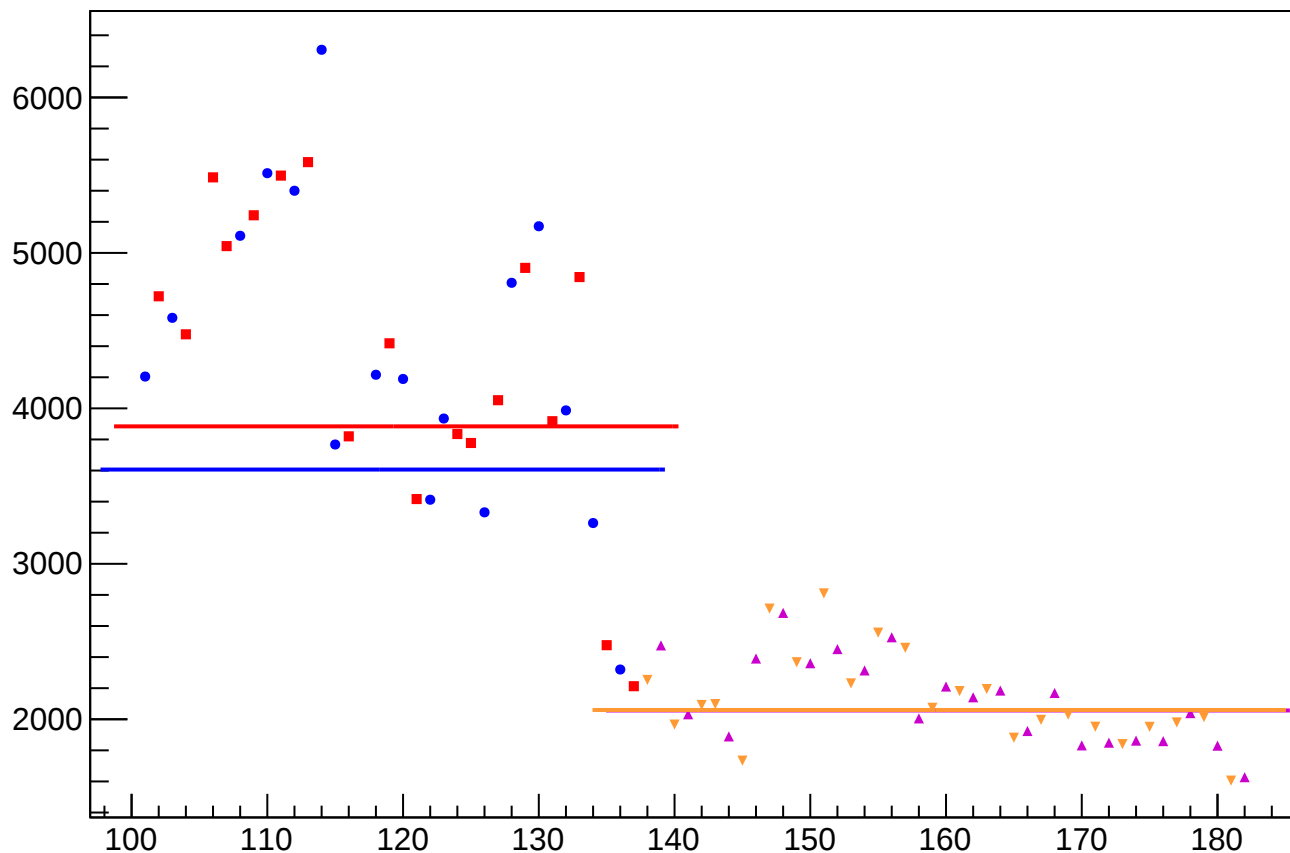
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -491.701 $\pm$ 471.647 χ^2/NDF : 53.5/38

Out: -1146.782 $\pm$ 471.896 χ^2/NDF : 62.5/40

All: -819.069 $\pm$ 333.593 χ^2/NDF : 117.0/79

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2059.716+/-0.351 χ^2/NDF : 597709.8/22

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2056.499+/-0.353 χ^2/NDF : 559574.9/21

Left: 2058.114+/-0.249 χ^2/NDF : 1157326.6/44

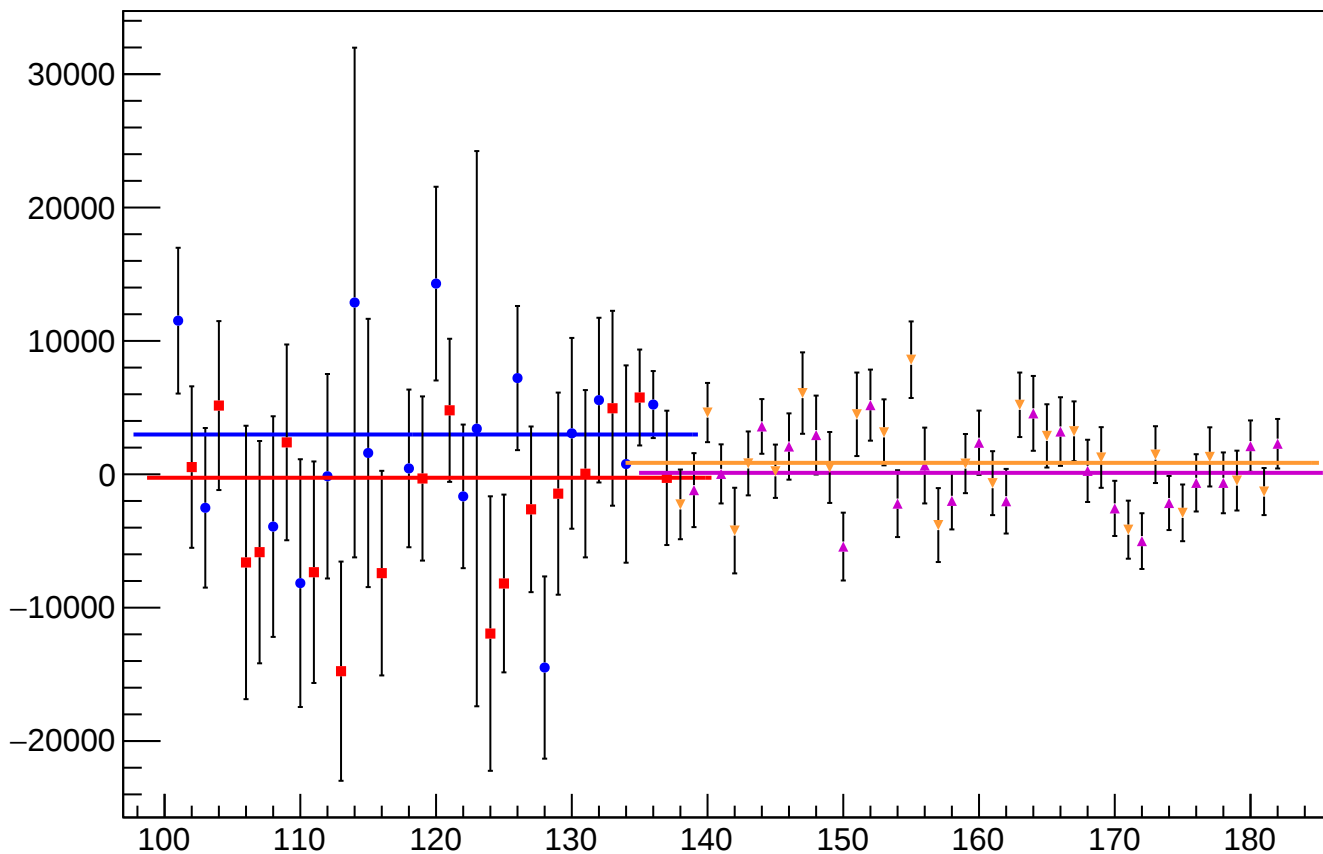
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2219.088+/-0.334 χ^2/NDF : 3680004.4/38

Out: 2236.070+/-0.334 χ^2/NDF : 4202730.0/40

All: 2227.574+/-0.236 χ^2/NDF : 7884030.0/79

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 858.061 $\pm$ 491.985 χ^2/NDF : 38.1/22

Right Out: -259.721 $\pm$ 1510.344 χ^2/NDF : 13.5/17

Left In: 108.388 $\pm$ 492.441 χ^2/NDF : 32.1/21

Left: 483.572 $\pm$ 348.047 χ^2/NDF : 71.3/44

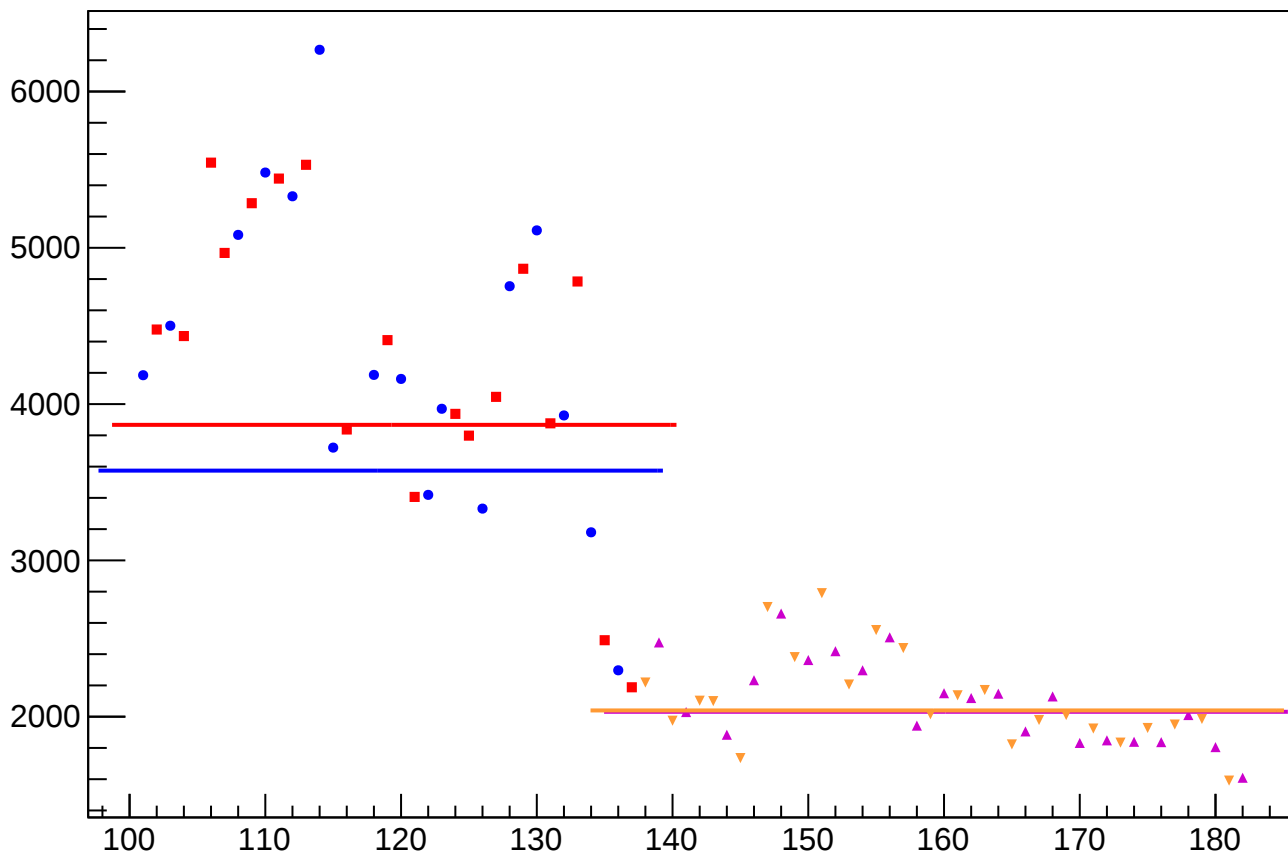
Right: 1435.156 $\pm$ 1043.589 χ^2/NDF : 33.3/34

In: 408.073 $\pm$ 466.072 χ^2/NDF : 53.1/38

Out: 750.832 $\pm$ 467.792 χ^2/NDF : 52.0/40

All: 578.821 $\pm$ 330.169 χ^2/NDF : 105.4/79

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2039.904 $\pm$ 0.348 χ^2/NDF : 607819.7/22

Right Out: 3867.232 $\pm$ 1.068 χ^2/NDF : 968137.9/17

Left In: 2031.253 $\pm$ 0.348 χ^2/NDF : 541671.6/21

Left: 2035.582 $\pm$ 0.246 χ^2/NDF : 1149800.2/44

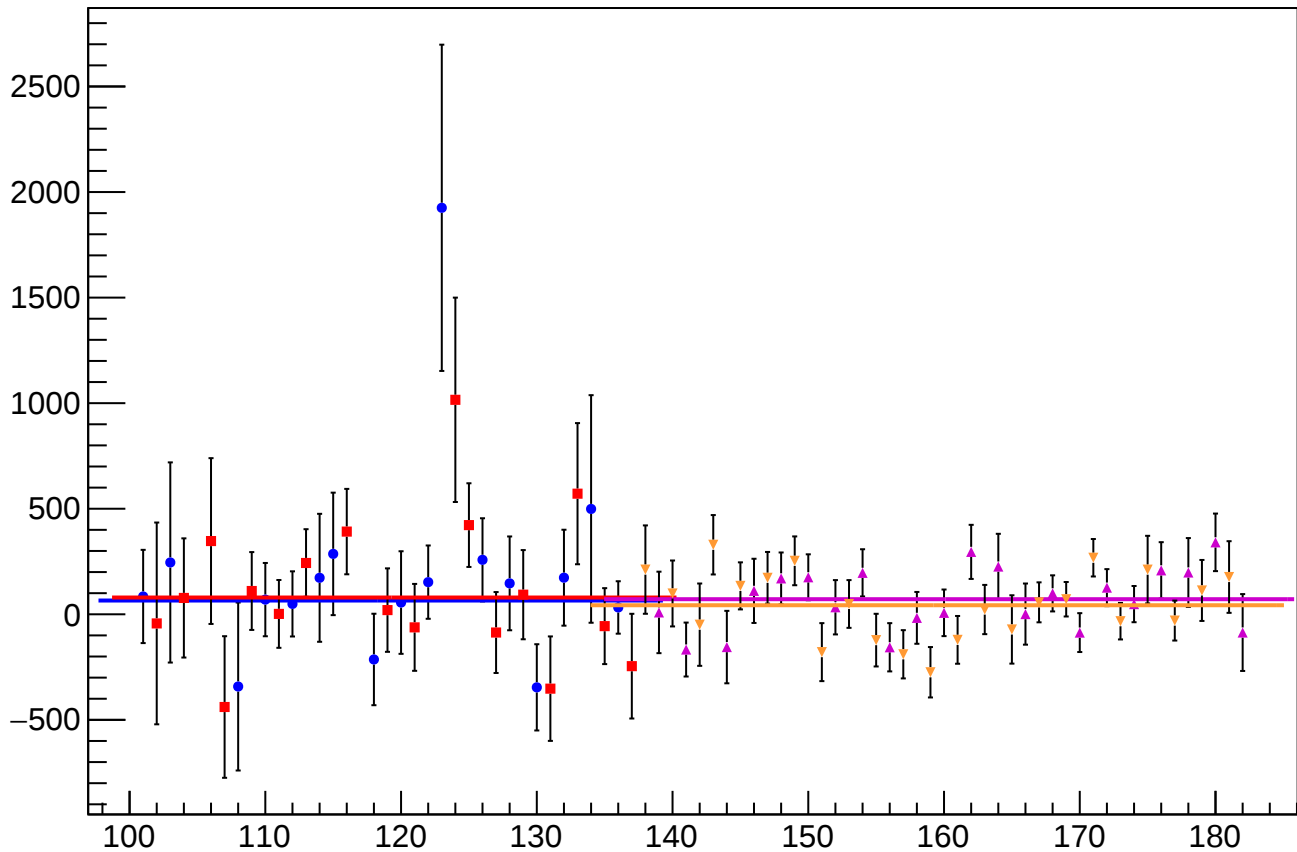
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2192.092 $\pm$ 0.330 χ^2/NDF : 3679976.5/38

Out: 2215.199 $\pm$ 0.331 χ^2/NDF : 4222709.6/40

All: 2203.603 $\pm$ 0.233 χ^2/NDF : 7905135.2/79

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 42.873 $\pm$ 24.613 χ^2 /NDF:38.4/22

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 71.514 $\pm$ 25.561 χ^2 /NDF:27.2/21

Left: 56.653 $\pm$ 17.730 χ^2 /NDF: 66.3/44

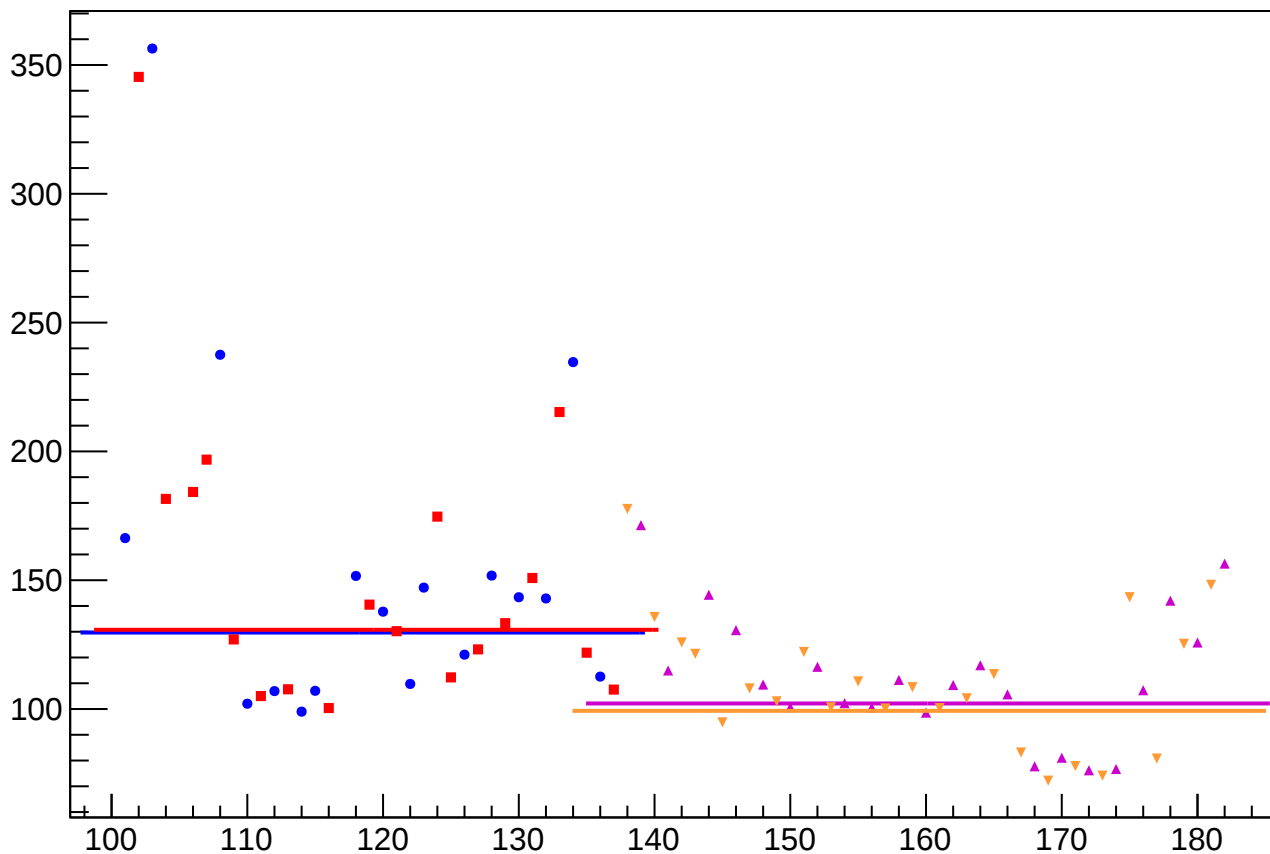
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 70.316 $\pm$ 22.998 χ^2 /NDF:43.0/38

Out: 49.500 $\pm$ 22.274 χ^2 /NDF:60.9/40

All: 59.575 $\pm$ 16.000 χ^2 /NDF: 104.3/79

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.291 $\pm$ 0.017 χ^2 /NDF: 1619413.0/22

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 102.156 $\pm$ 0.018 χ^2 /NDF: 1519402.7/21

Left: 100.669 $\pm$ 0.013 χ^2 /NDF: 3151855.8/44

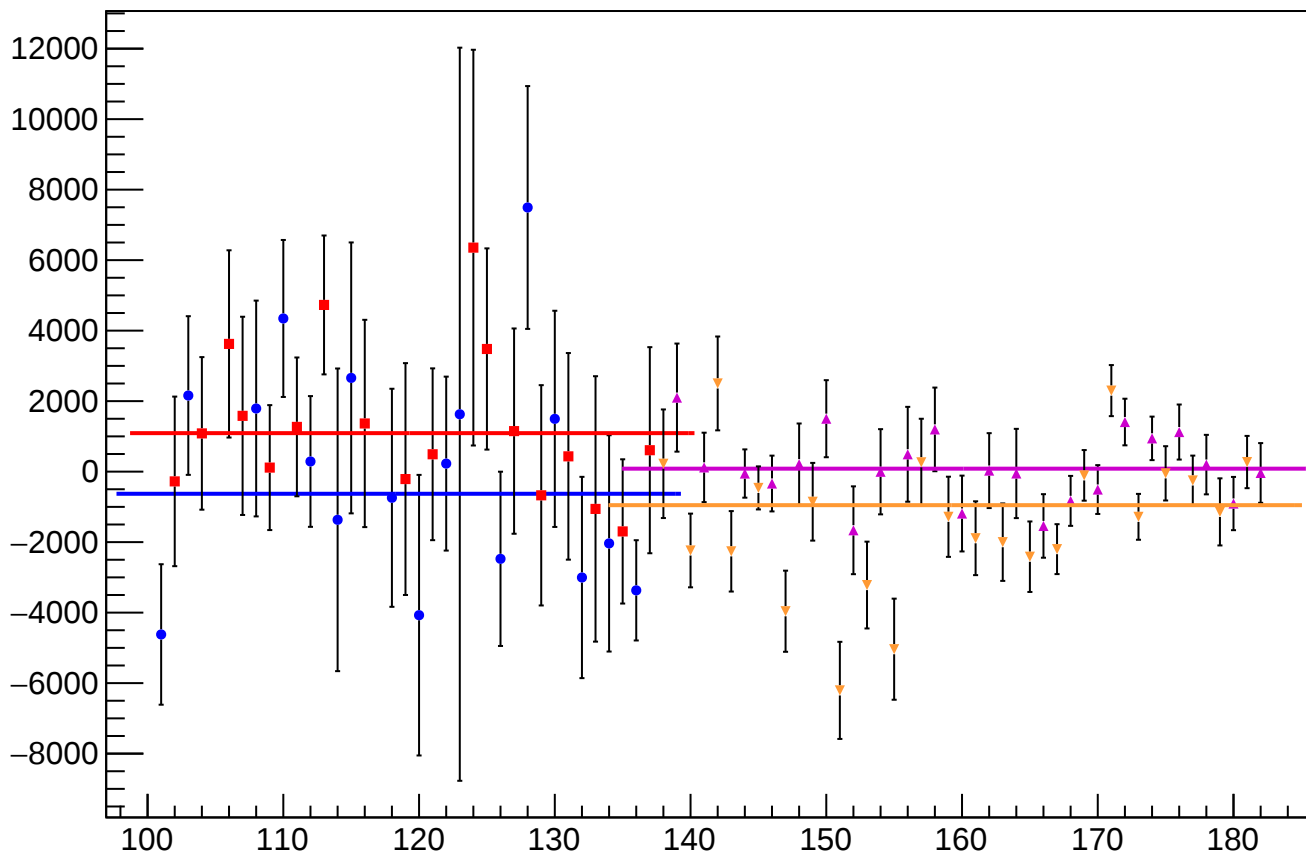
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 107.401 $\pm$ 0.016 χ^2 /NDF: 2951266.8/38

Out: 104.987 $\pm$ 0.016 χ^2 /NDF: 3138623.0/40

All: 106.155 $\pm$ 0.011 χ^2 /NDF: 6101255.5/79

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -951.441 ± 190.380 $\chi^2/\text{NDF}: 78.6/22$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 83.928 ± 188.484 $\chi^2/\text{NDF}: 23.2/21$

Left: -428.573 ± 133.944 $\chi^2/\text{NDF}: 116.8/44$

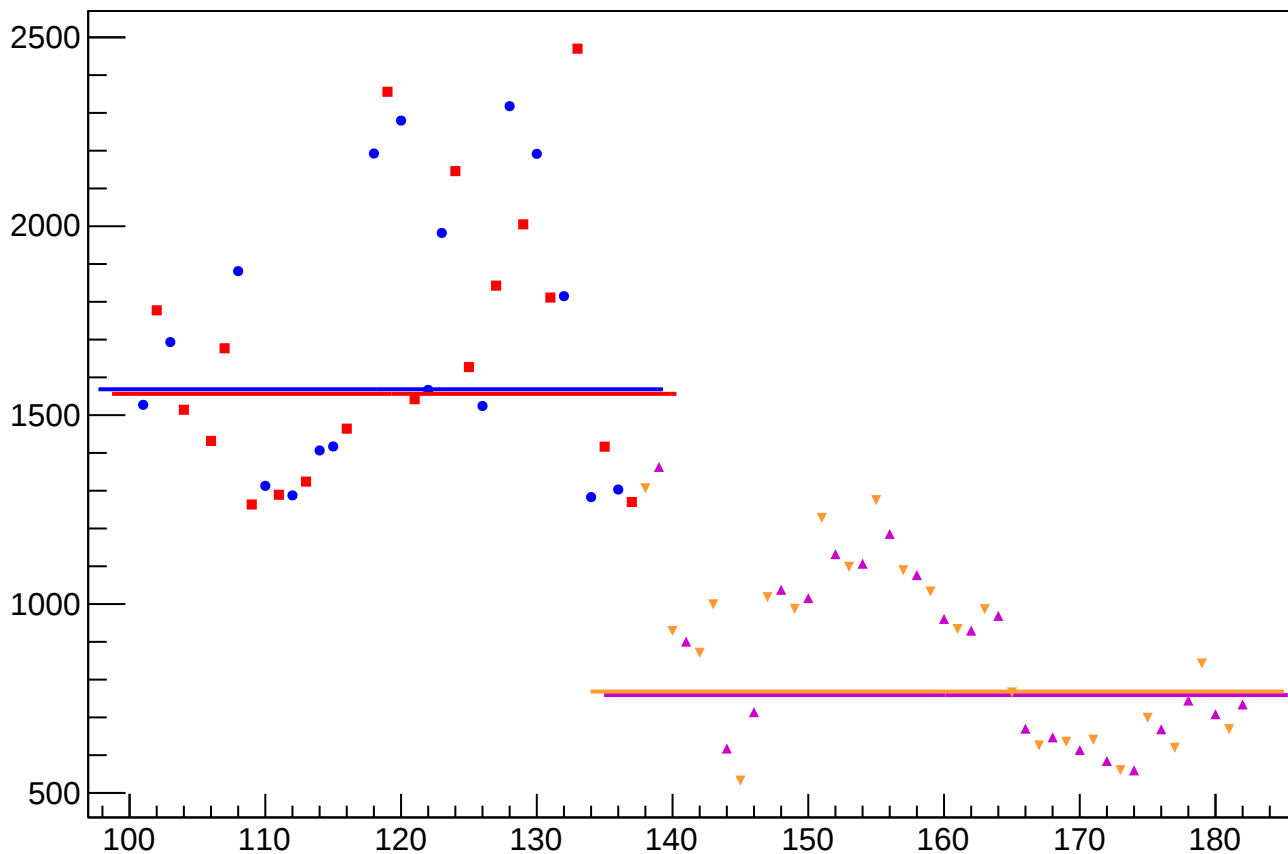
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: 23.948 ± 180.371 $\chi^2/\text{NDF}: 48.7/38$

Out: -764.238 ± 181.450 $\chi^2/\text{NDF}: 98.5/40$

All: -367.795 ± 127.921 $\chi^2/\text{NDF}: 156.7/79$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 768.453+/-0.135 χ^2/NDF : 2413776.3/22

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 759.088+/-0.133 χ^2/NDF : 2079650.5/21

Left: 763.724+/-0.095 χ^2/NDF : 4495871.2/44

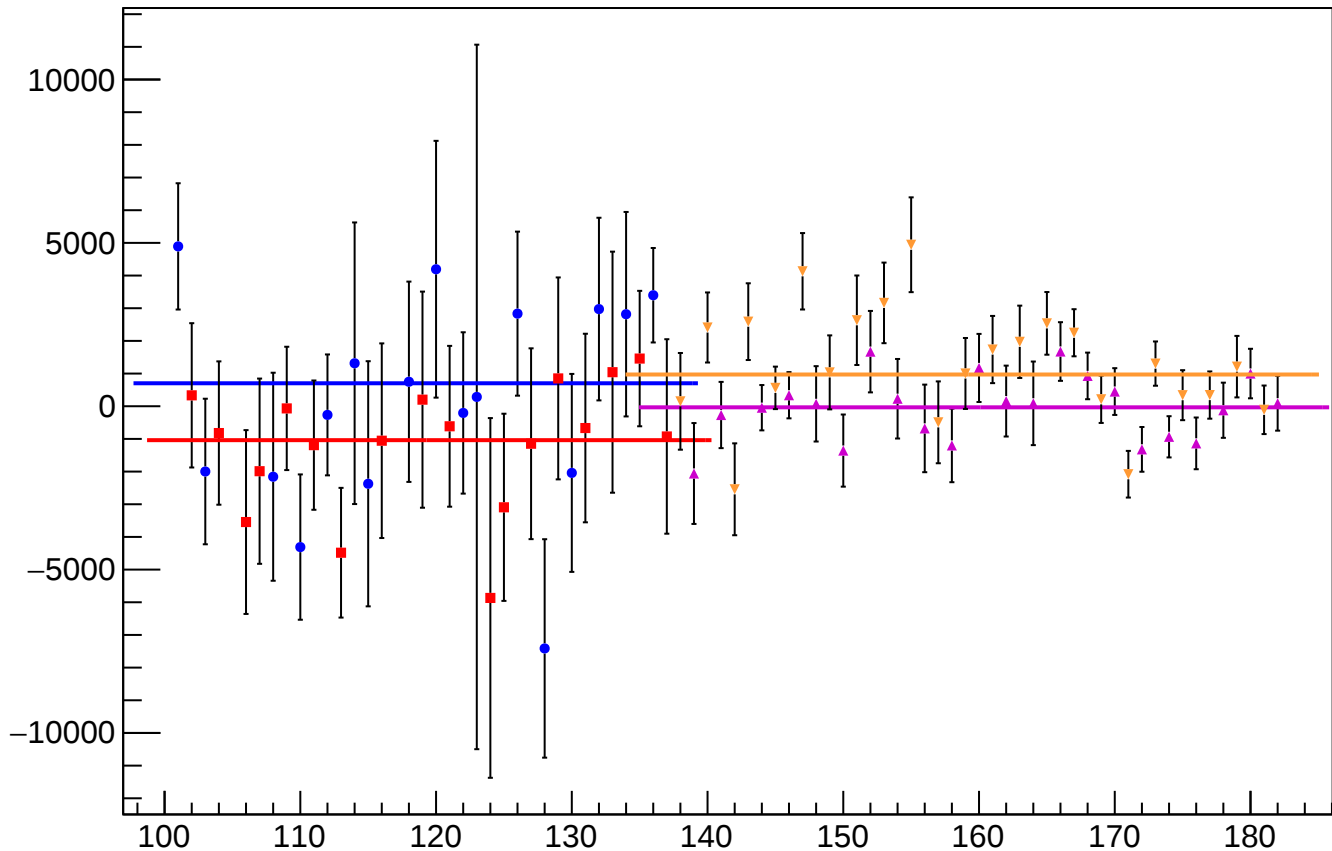
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 827.263+/-0.128 χ^2/NDF : 5720347.6/38

Out: 840.642+/-0.128 χ^2/NDF : 6063049.8/40

All: 833.913+/-0.090 χ^2/NDF : 11788866.6/79

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 971.307 $\pm$ 192.583 χ^2 /NDF: 61.8/22

Right Out: -1038.423 $\pm$ 604.250 χ^2 /NDF: 8.2/17

Left In: -33.360 $\pm$ 188.808 χ^2 /NDF: 23.4/21

Left: 459.032 $\pm$ 134.822 χ^2 /NDF: 99.1/44

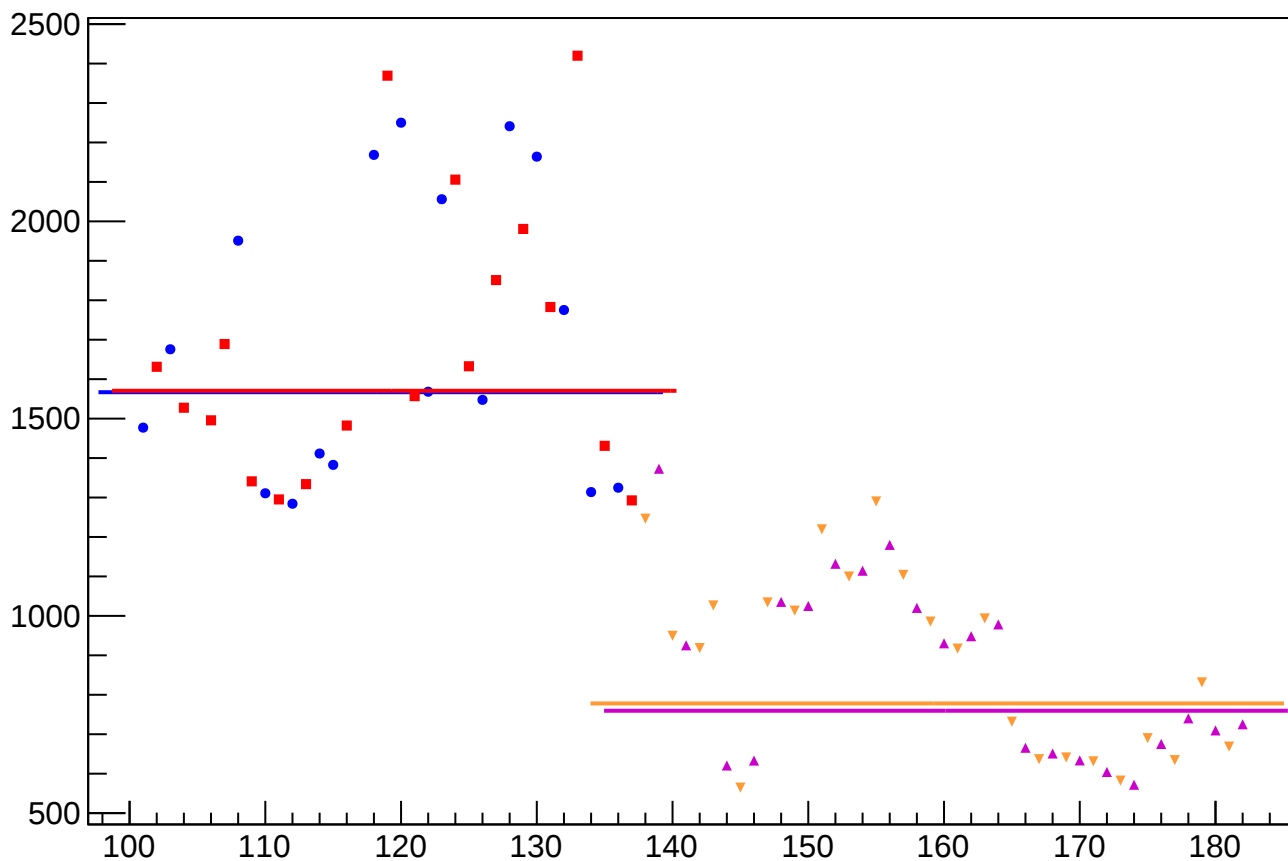
Right: -190.951 $\pm$ 432.940 χ^2 /NDF: 38.2/34

In: 29.024 $\pm$ 180.634 χ^2 /NDF: 50.7/38

Out: 785.986 $\pm$ 183.489 χ^2 /NDF: 80.1/40

All: 401.571 $\pm$ 128.725 χ^2 /NDF: 139.4/79

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 778.063 $\pm$ 0.136 χ^2 /NDF: 2231414.0/22

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 759.520 $\pm$ 0.134 χ^2 /NDF: 2014108.8/21

Left: 768.608 $\pm$ 0.095 χ^2 /NDF: 4254976.5/44

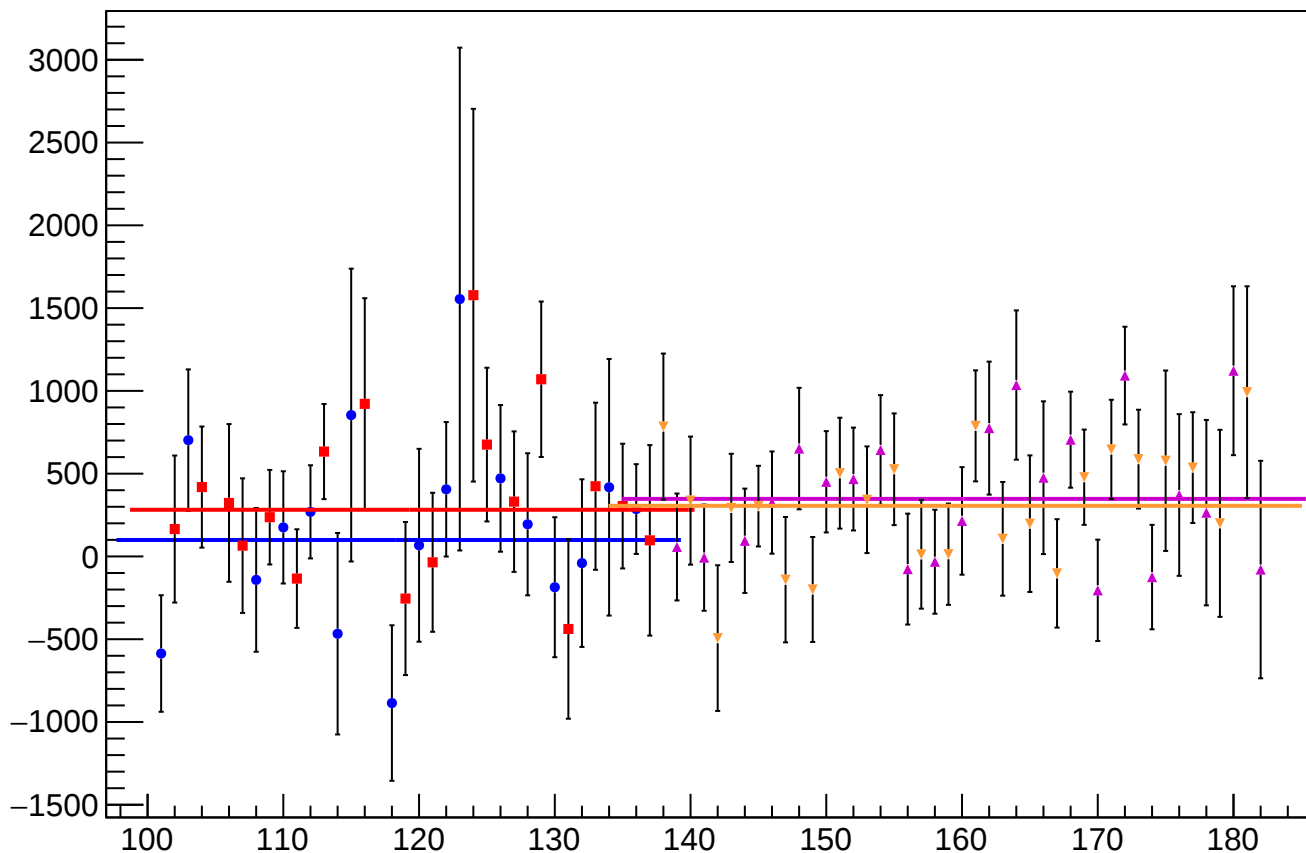
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 827.919 $\pm$ 0.128 χ^2 /NDF: 5612321.4/38

Out: 851.139 $\pm$ 0.130 χ^2 /NDF: 5793621.1/40

All: 839.347 $\pm$ 0.091 χ^2 /NDF: 11422208.2/79

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 305.671 $\pm$ 72.110 χ^2 /NDF:19.4/22

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 347.683 $\pm$ 74.647 χ^2 /NDF:27.3/21

Left: 325.951 $\pm$ 51.863 χ^2 /NDF: 46.9/44

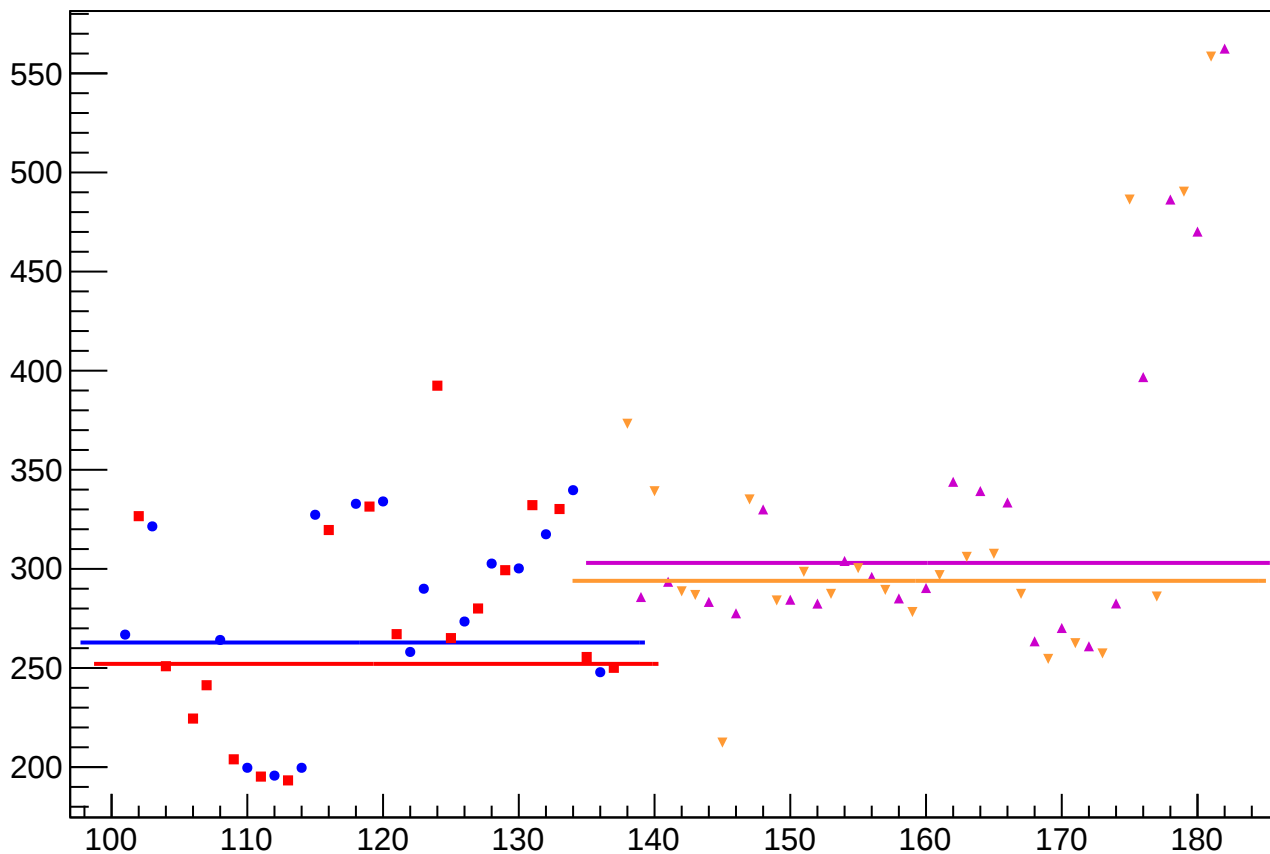
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 262.682 $\pm$ 60.536 χ^2 /NDF:47.0/38

Out: 297.284 $\pm$ 58.056 χ^2 /NDF:33.2/40

All: 280.706 $\pm$ 41.901 χ^2 /NDF: 80.4/79

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 293.977+/-0.051 χ^2/NDF :1280007.9/22

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 303.019+/-0.053 χ^2/NDF :1032821.0/21

Left: 298.342+/-0.037 χ^2/NDF : 2328008.0/44

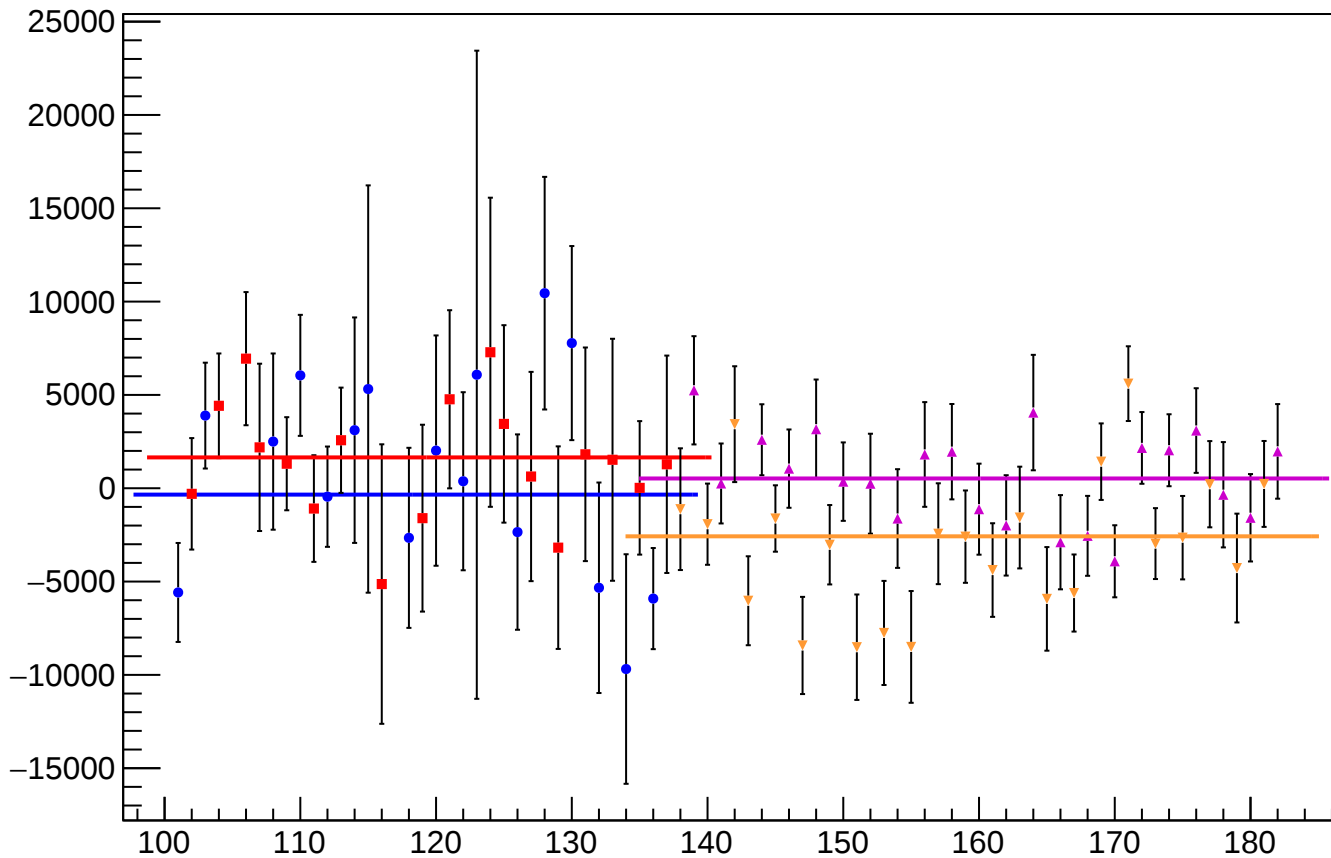
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 289.270+/-0.043 χ^2/NDF :1642717.5/38

Out: 279.237+/-0.041 χ^2/NDF :2032692.0/40

All: 284.044+/-0.030 χ^2/NDF : 3704024.3/79

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -2576.557 $\pm$ 496.777 χ^2/NDF : 51.4/22

Right Out: 1651.954 $\pm$ 929.858 χ^2/NDF : 7.9/17

Left In: 522.850 $\pm$ 498.512 χ^2/NDF : 21.8/21

Left: -1032.255 $\pm$ 351.886 χ^2/NDF : 92.6/44

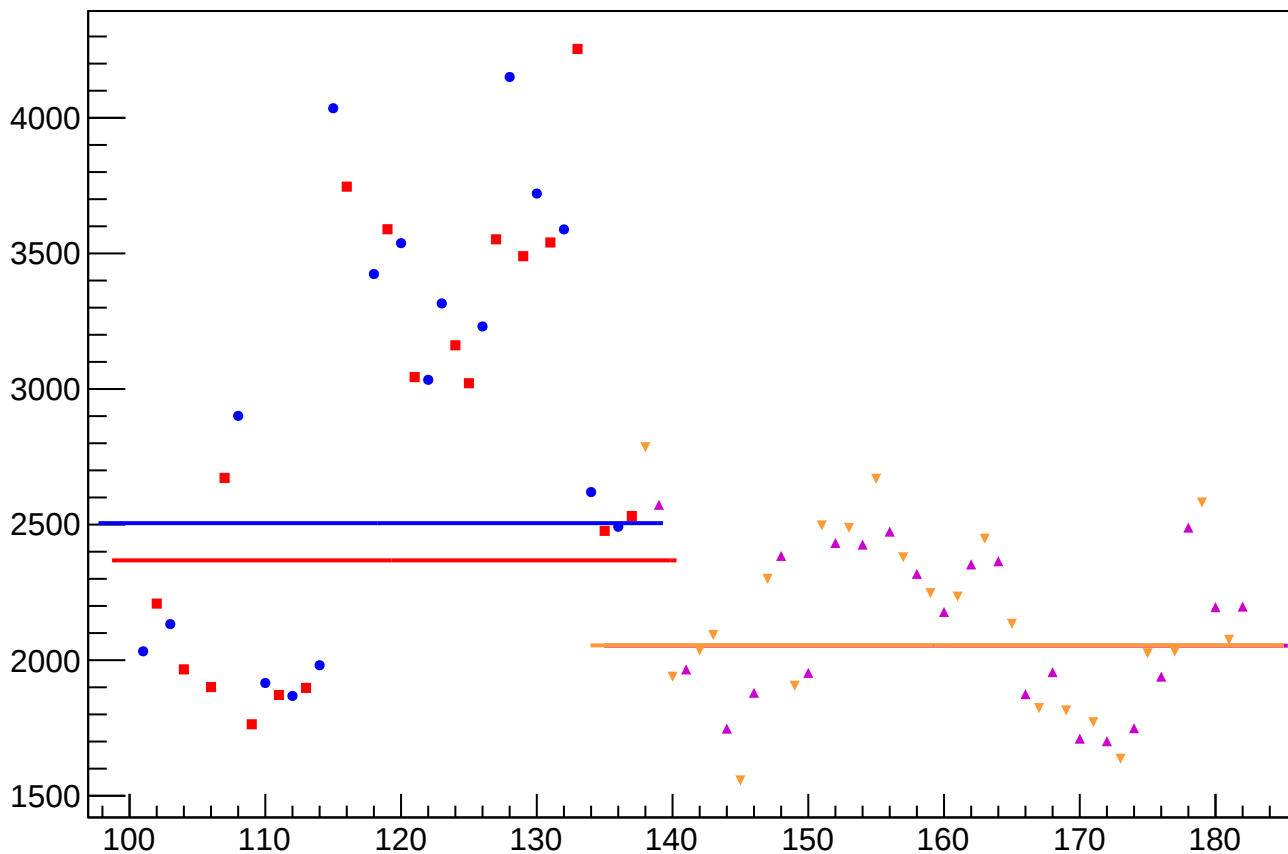
Right: 732.150 $\pm$ 682.415 χ^2/NDF : 34.5/34

In: 352.066 $\pm$ 446.557 χ^2/NDF : 46.8/38

Out: -1637.630 $\pm$ 438.166 χ^2/NDF : 75.4/40

All: -661.652 $\pm$ 312.755 χ^2/NDF : 132.4/79

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2054.660+/-0.351 χ^2/NDF : 822458.3/22

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2053.566+/-0.353 χ^2/NDF : 625923.1/21

Left: 2054.115+/-0.249 χ^2/NDF : 1448386.2/44

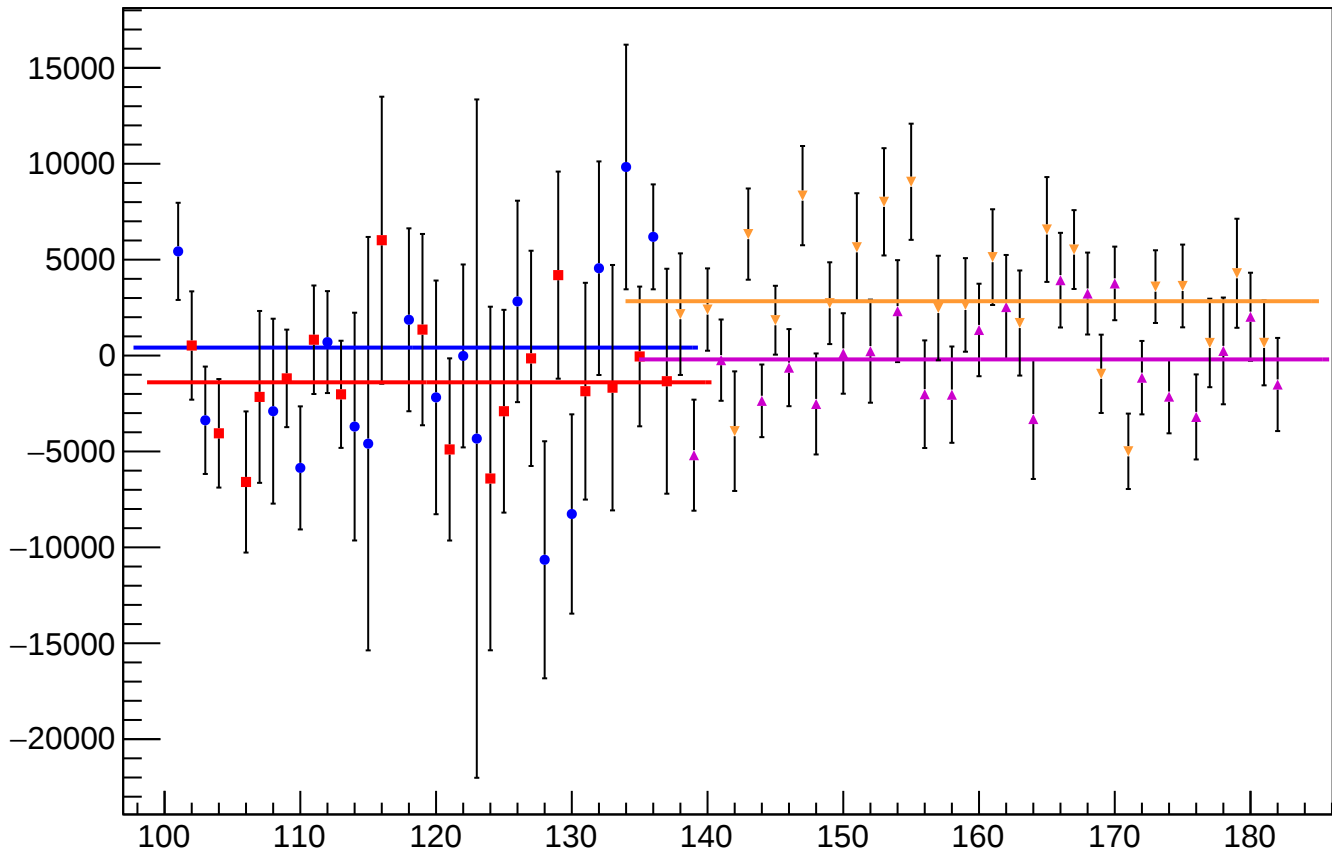
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2142.824+/-0.316 χ^2/NDF : 1814574.5/38

Out: 2124.237+/-0.310 χ^2/NDF : 2030019.4/40

All: 2133.354+/-0.221 χ^2/NDF : 3846359.4/79

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2833.786 $\pm$ 493.076 χ^2 /NDF:46.8/22

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -200.781 $\pm$ 493.383 χ^2 /NDF:23.4/21

Left: 1317.448 $\pm$ 348.766 χ^2 /NDF: 89.1/44

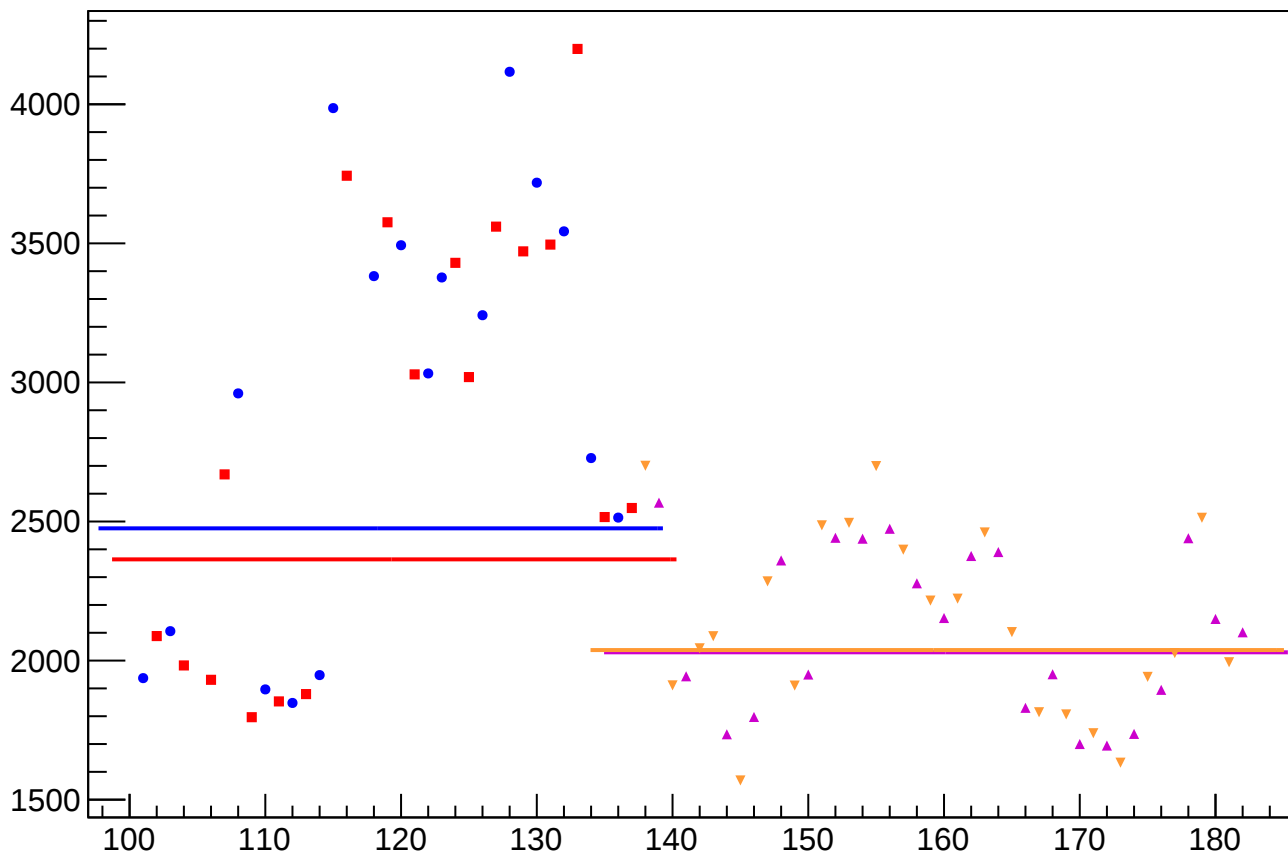
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -79.129 $\pm$ 442.017 χ^2 /NDF:48.2/38

Out: 1904.410 $\pm$ 435.531 χ^2 /NDF:70.5/40

All: 927.300 $\pm$ 310.235 χ^2 /NDF: 128.9/79

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2037.832+/-0.349 χ^2/NDF : 809563.9/22

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2029.765+/-0.349 χ^2/NDF : 651300.5/21

Left: 2033.801+/-0.247 χ^2/NDF : 1461131.9/44

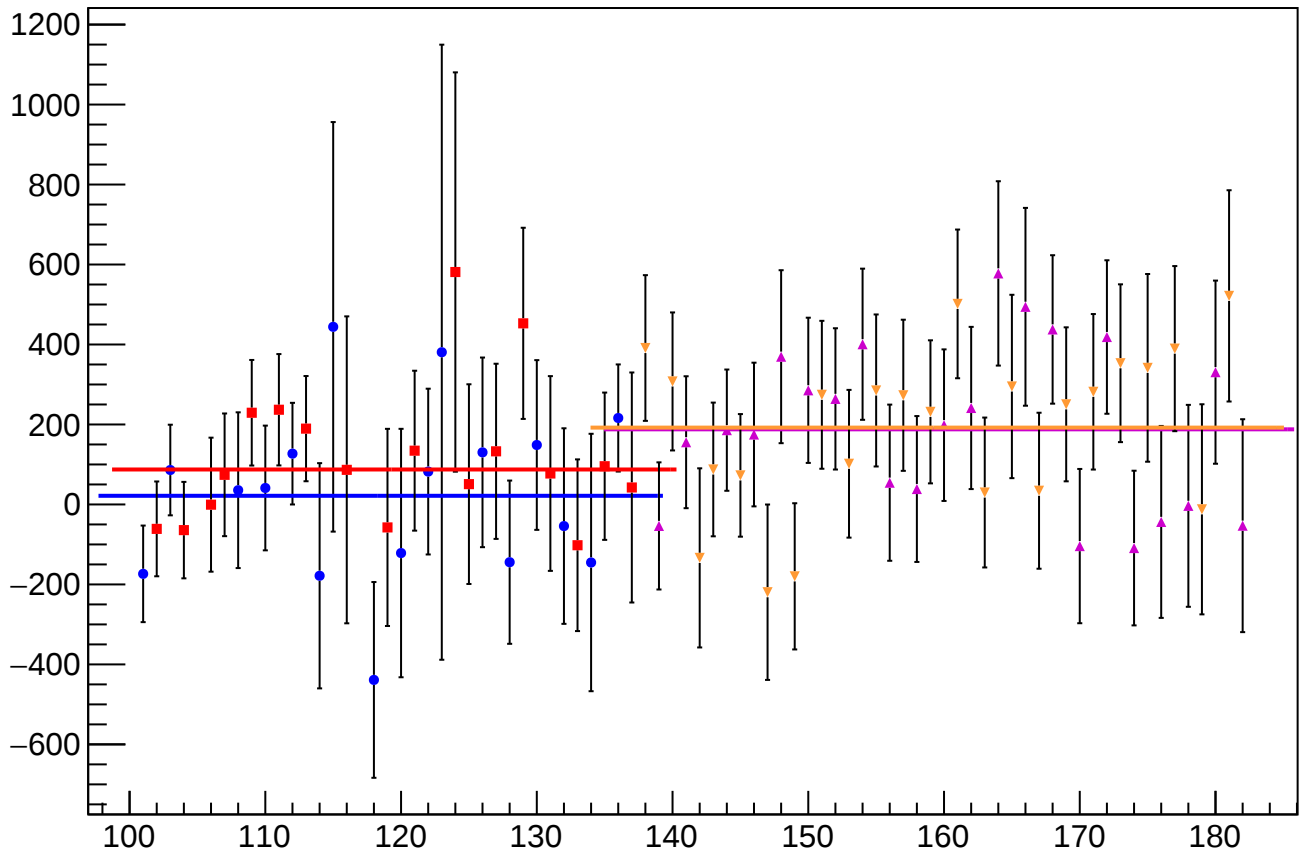
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2117.732+/-0.313 χ^2/NDF : 1886477.6/38

Out: 2109.500+/-0.308 χ^2/NDF : 2028681.4/40

All: 2113.555+/-0.219 χ^2/NDF : 3915510.9/79

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 192.159 $\pm$ 40.474 χ^2/NDF : 22.2/22

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 187.841 $\pm$ 41.444 χ^2/NDF : 21.0/21

Left: 190.051 $\pm$ 28.956 χ^2/NDF : 43.2/44

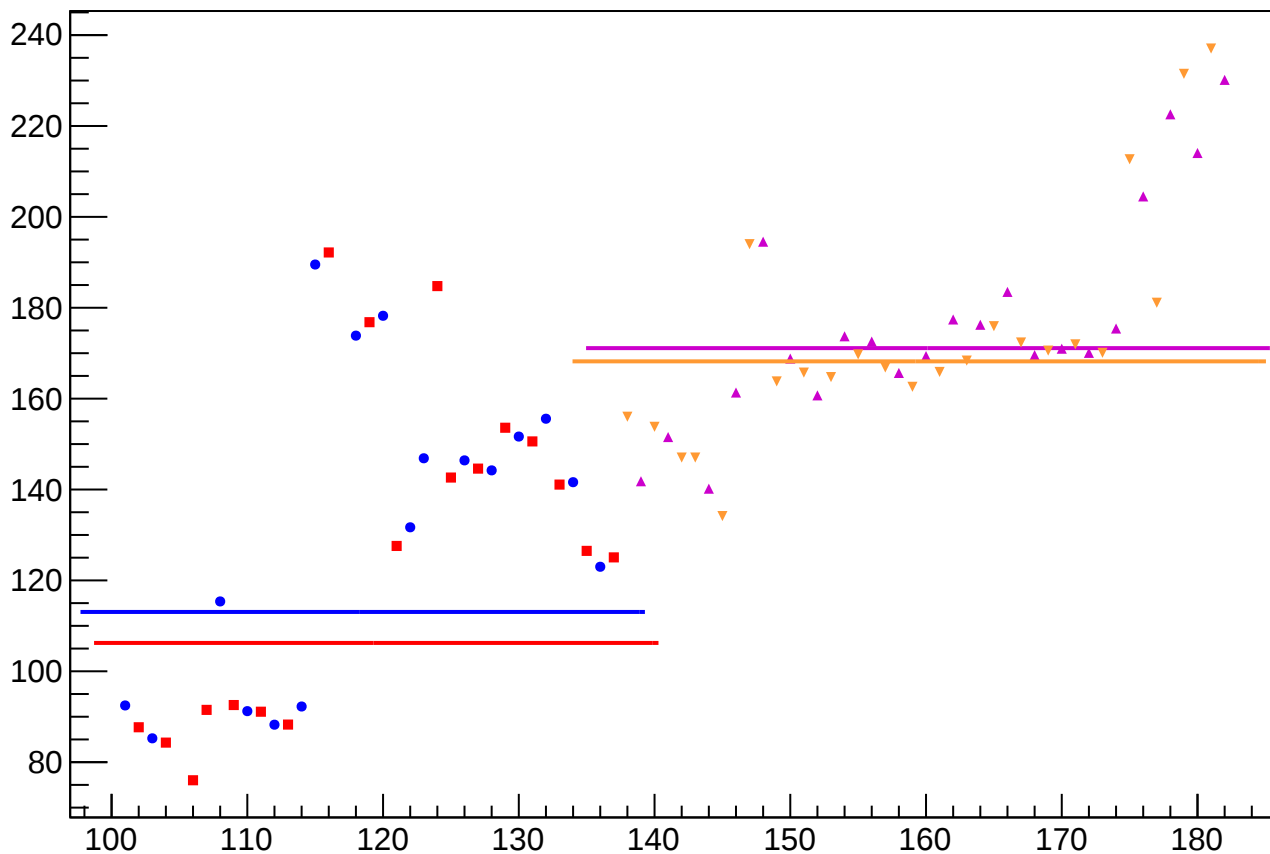
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 111.856 $\pm$ 30.534 χ^2/NDF : 41.0/38

Out: 141.519 $\pm$ 29.086 χ^2/NDF : 36.3/40

All: 127.407 $\pm$ 21.060 χ^2/NDF : 77.8/79

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 168.204 $\pm$ 0.029 χ^2 /NDF: 539754.1/22

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 171.116 $\pm$ 0.029 χ^2 /NDF: 517970.1/21

Left: 169.625 $\pm$ 0.020 χ^2 /NDF: 1062777.0/44

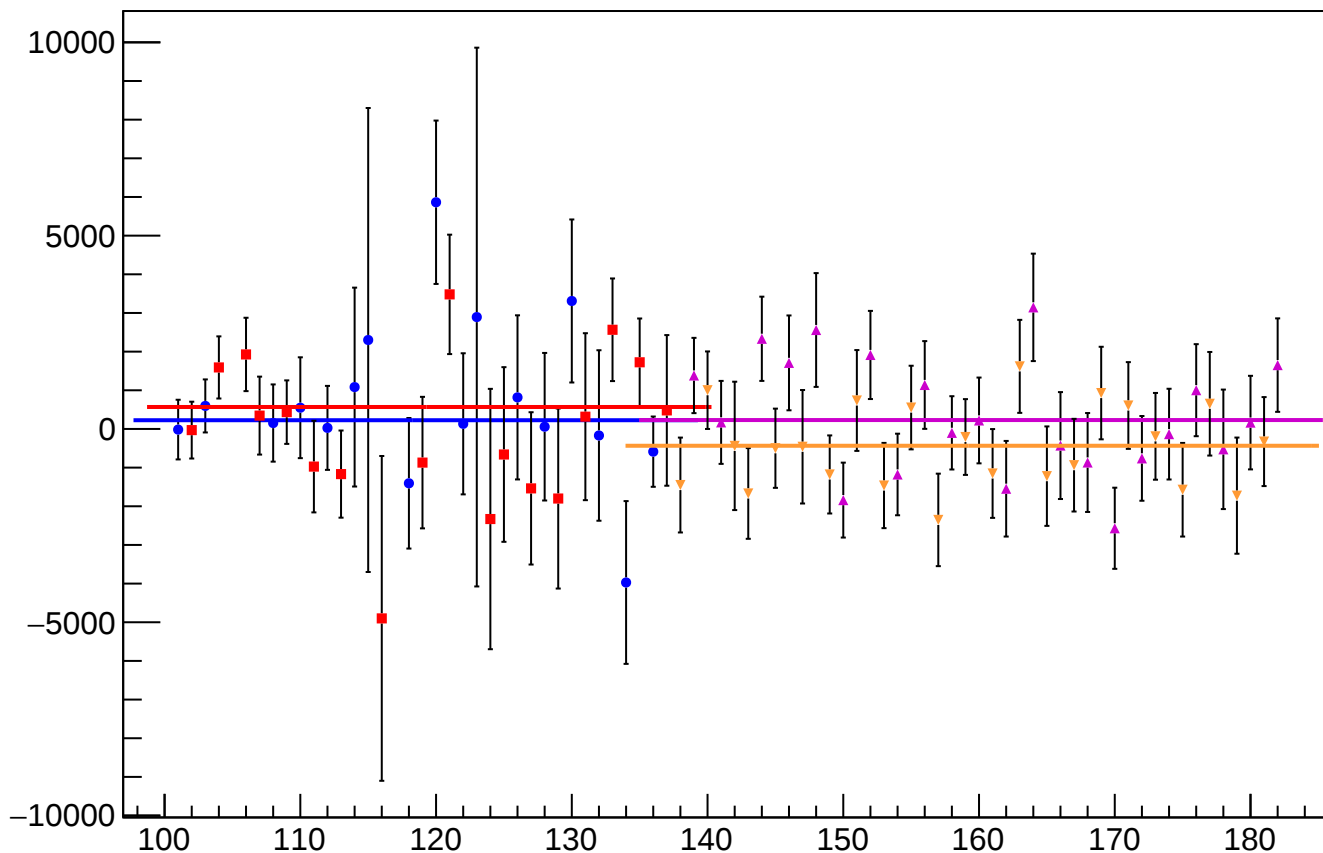
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 144.571 $\pm$ 0.022 χ^2 /NDF: 3133193.4/38

Out: 138.240 $\pm$ 0.021 χ^2 /NDF: 3758266.8/40

All: 141.252 $\pm$ 0.015 χ^2 /NDF: 6936547.3/79

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -434.730 $\pm$ 245.248 χ^2 /NDF:17.9/22

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 230.223 $\pm$ 245.500 χ^2 /NDF:35.9/21

Left: -102.594 $\pm$ 173.506 χ^2 /NDF: 57.4/44

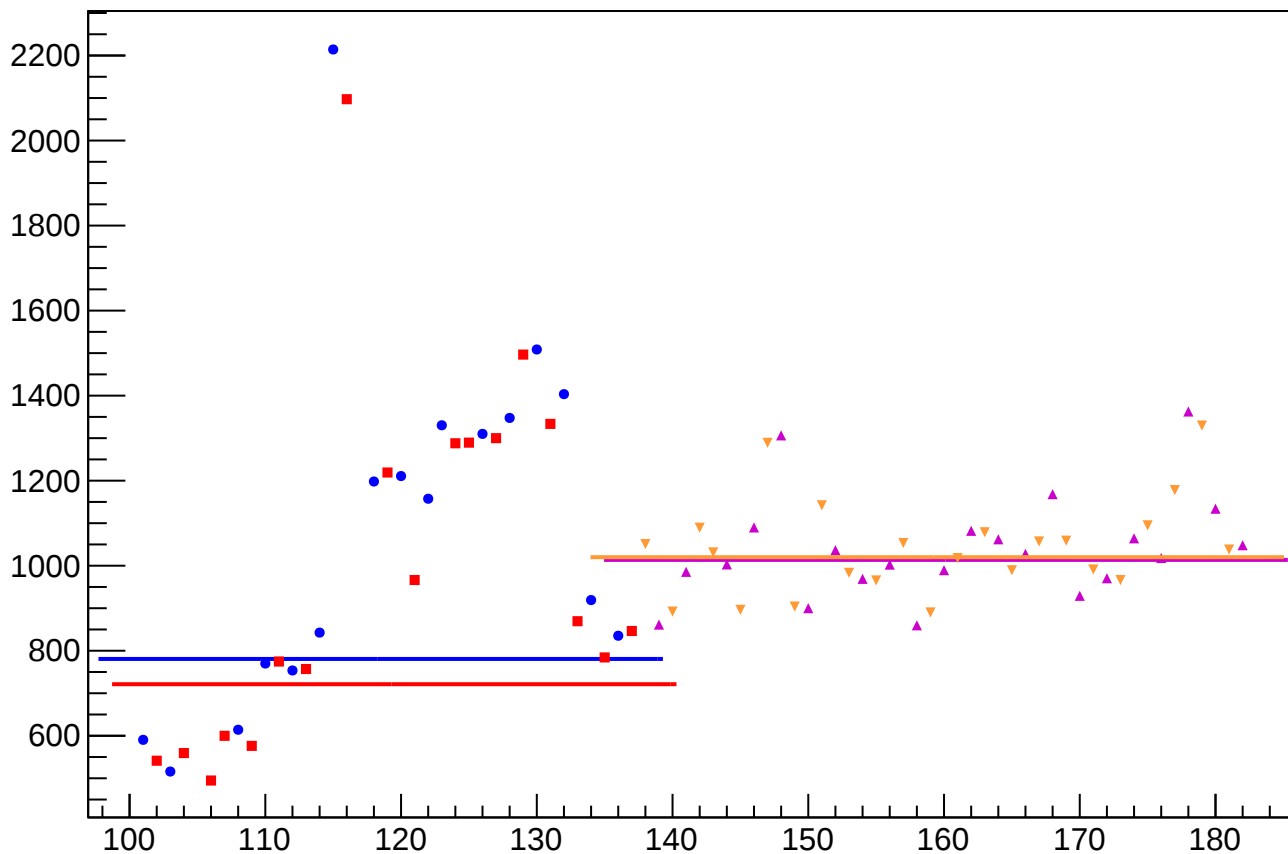
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 228.533 $\pm$ 195.098 χ^2 /NDF:51.8/38

Out: -17.415 $\pm$ 187.397 χ^2 /NDF:45.8/40

All: 100.609 $\pm$ 135.150 χ^2 /NDF: 98.5/79

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1020.005 $\pm$ 0.173 χ^2 /NDF: 358562.0/22

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 1013.671 $\pm$ 0.174 χ^2 /NDF: 404358.3/21

Left: 1016.841 $\pm$ 0.123 χ^2 /NDF: 763586.7/44

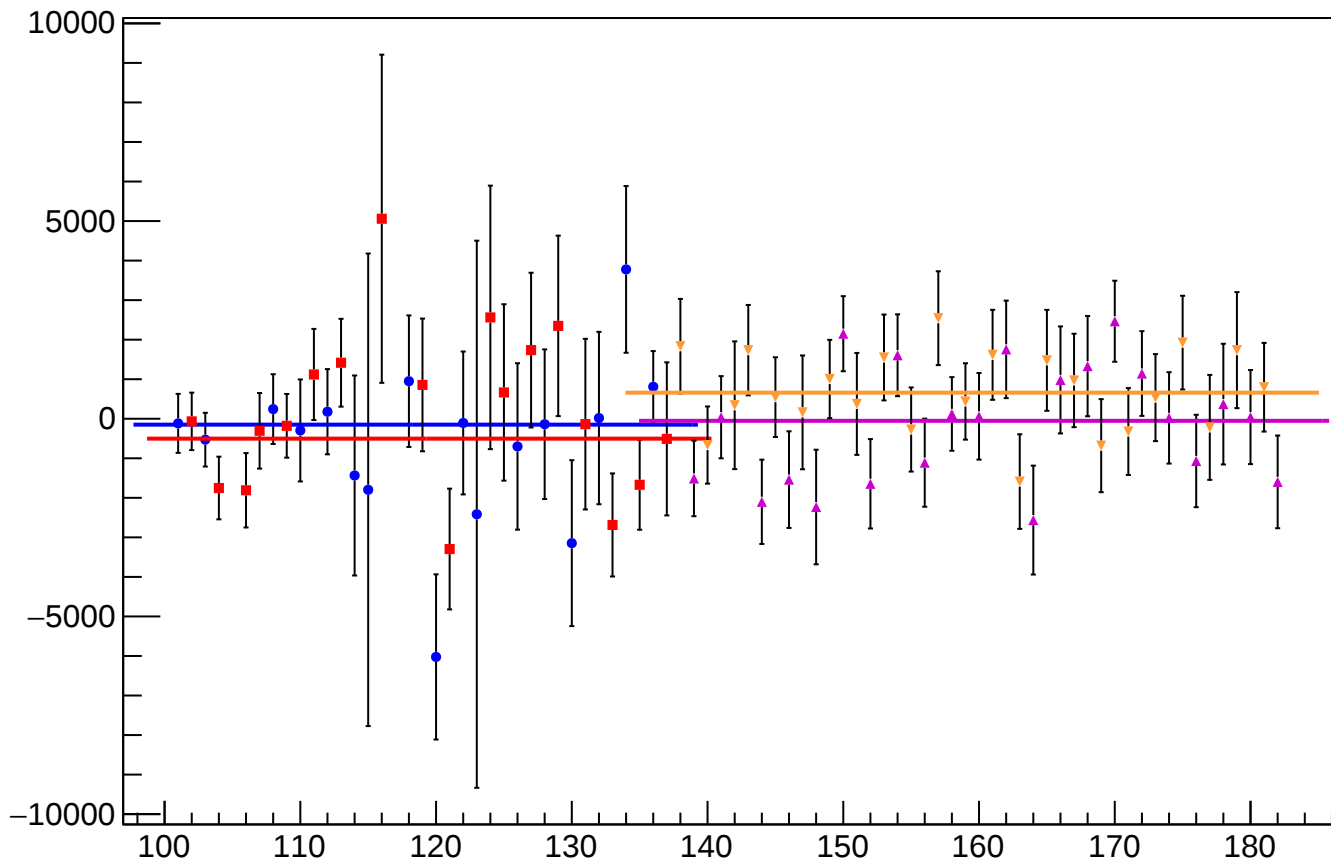
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 927.832 $\pm$ 0.138 χ^2 /NDF: 2677479.6/38

Out: 895.688 $\pm$ 0.133 χ^2 /NDF: 3220116.4/40

All: 911.113 $\pm$ 0.096 χ^2 /NDF: 5925832.3/79

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 660.370 ± 240.997 $\chi^2/\text{NDF}: 17.0/22$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -52.221 ± 241.221 $\chi^2/\text{NDF}: 37.8/21$

Left: 304.406 ± 170.490 $\chi^2/\text{NDF}: 59.1/44$

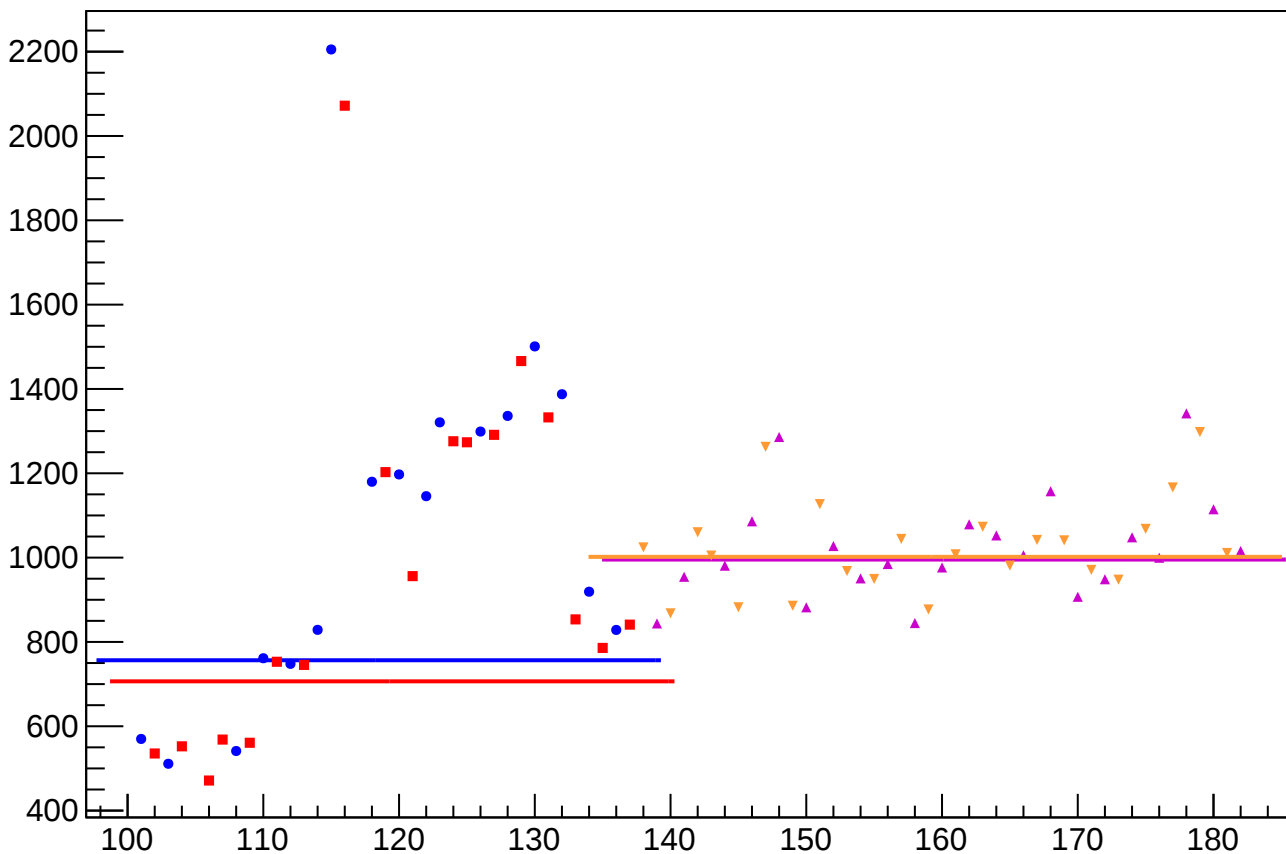
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -88.349 ± 191.056 $\chi^2/\text{NDF}: 54.0/38$

Out: 176.811 ± 184.234 $\chi^2/\text{NDF}: 50.3/40$

All: 49.050 ± 132.619 $\chi^2/\text{NDF}: 105.3/79$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1001.812 $\pm$ 0.170 χ^2 /NDF: 361209.7/22

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 995.366 $\pm$ 0.171 χ^2 /NDF: 424327.0/21

Left: 998.592 $\pm$ 0.121 χ^2 /NDF: 786251.5/44

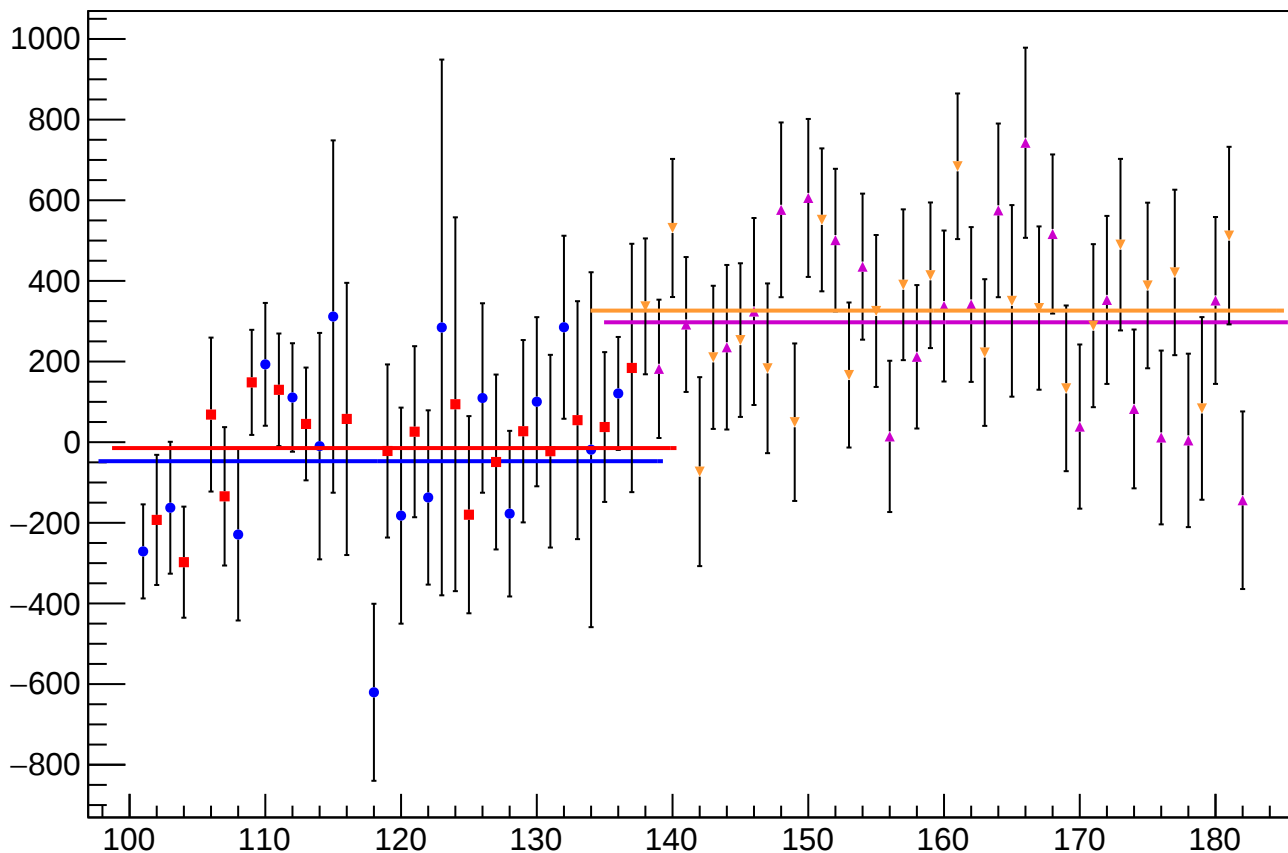
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 906.360 $\pm$ 0.135 χ^2 /NDF: 2868603.4/38

Out: 879.103 $\pm$ 0.130 χ^2 /NDF: 3278868.6/40

All: 892.236 $\pm$ 0.094 χ^2 /NDF: 6168565.7/79

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 326.347 ± 40.604 $\chi^2/\text{NDF}: 18.1/22$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 297.343 ± 42.142 $\chi^2/\text{NDF}: 26.2/21$

Left: 312.384 ± 29.240 $\chi^2/\text{NDF}: 44.6/44$

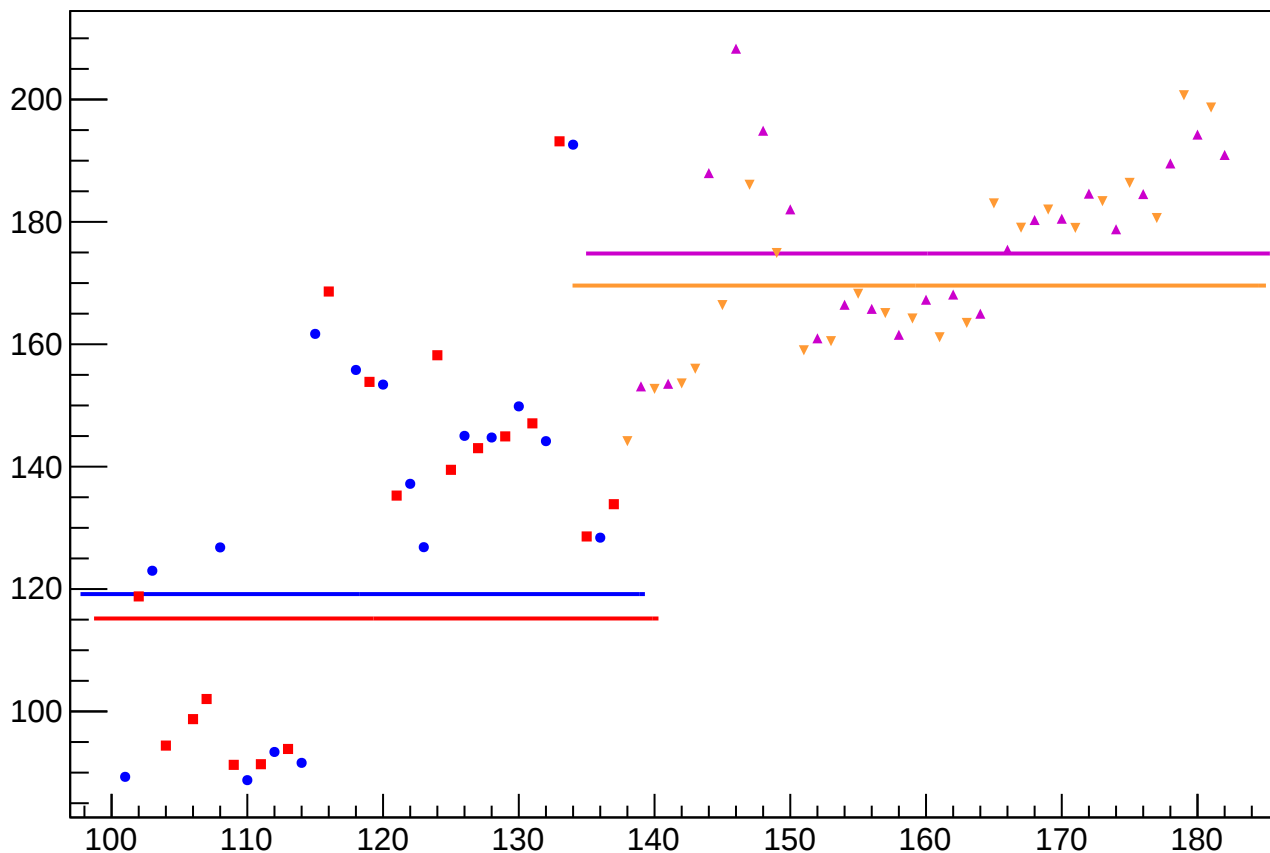
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 144.779 ± 31.456 $\chi^2/\text{NDF}: 77.7/38$

Out: 172.761 ± 30.101 $\chi^2/\text{NDF}: 60.0/40$

All: 159.386 ± 21.748 $\chi^2/\text{NDF}: 138.1/79$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 169.594+/-0.029 χ^2/NDF :244800.3/22

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 174.832+/-0.030 χ^2/NDF :226557.7/21

Left: 172.116+/-0.021 χ^2/NDF : 487382.6/44

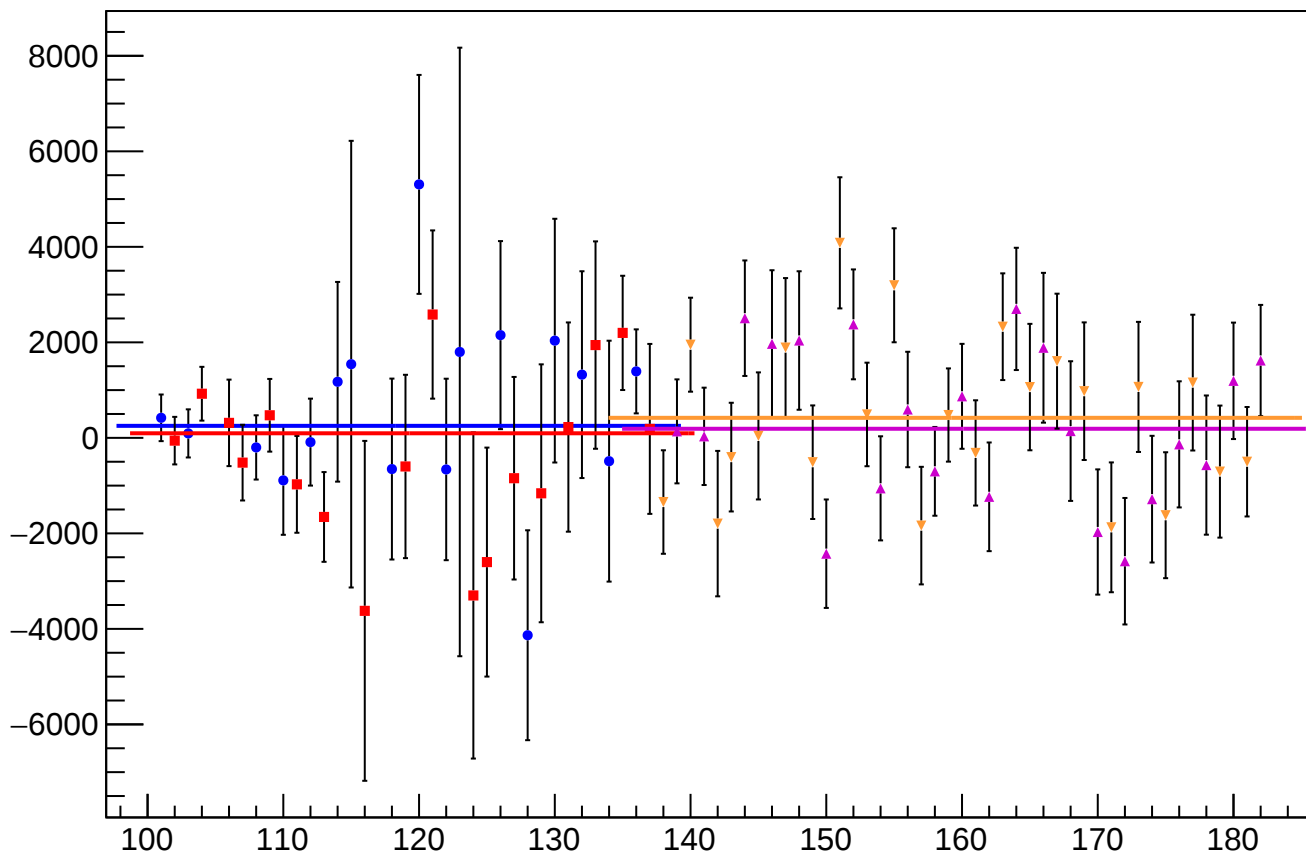
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 150.184+/-0.022 χ^2/NDF :2386727.4/38

Out: 145.087+/-0.021 χ^2/NDF :2537810.2/40

All: 147.523+/-0.015 χ^2/NDF : 4951951.5/79

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 419.576 $\pm$ 256.186 χ^2 /NDF:36.8/22

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 190.356 $\pm$ 259.397 χ^2 /NDF:35.7/21

Left: 306.393 $\pm$ 182.276 χ^2 /NDF: 72.9/44

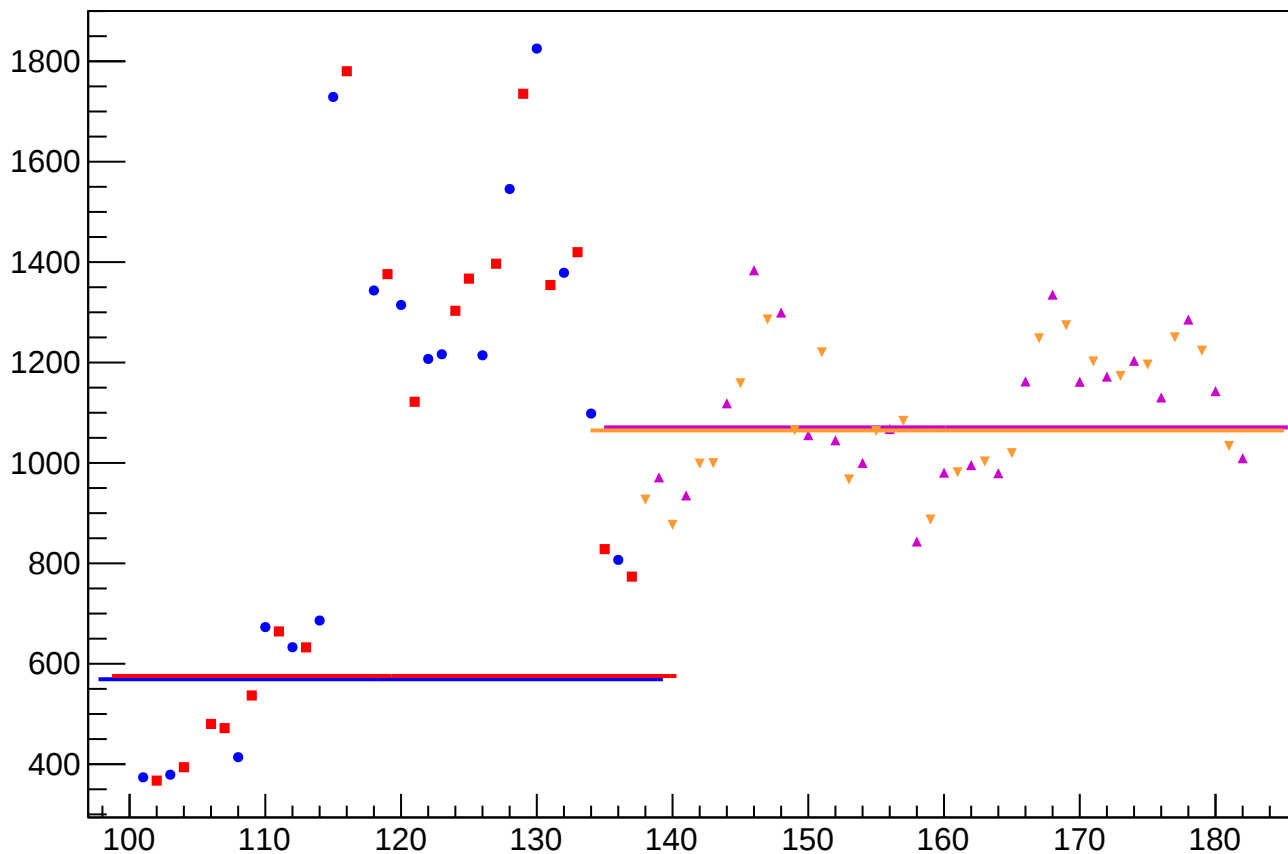
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 221.832 $\pm$ 181.051 χ^2 /NDF:50.6/38

Out: 250.960 $\pm$ 177.345 χ^2 /NDF:55.1/40

All: 236.697 $\pm$ 126.692 χ^2 /NDF: 105.7/79

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.768 $\pm$ 0.181 χ^2 /NDF: 491039.4/22

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1070.833 $\pm$ 0.183 χ^2 /NDF: 522758.2/21

Left: 1067.763 $\pm$ 0.129 χ^2 /NDF: 1014351.1/44

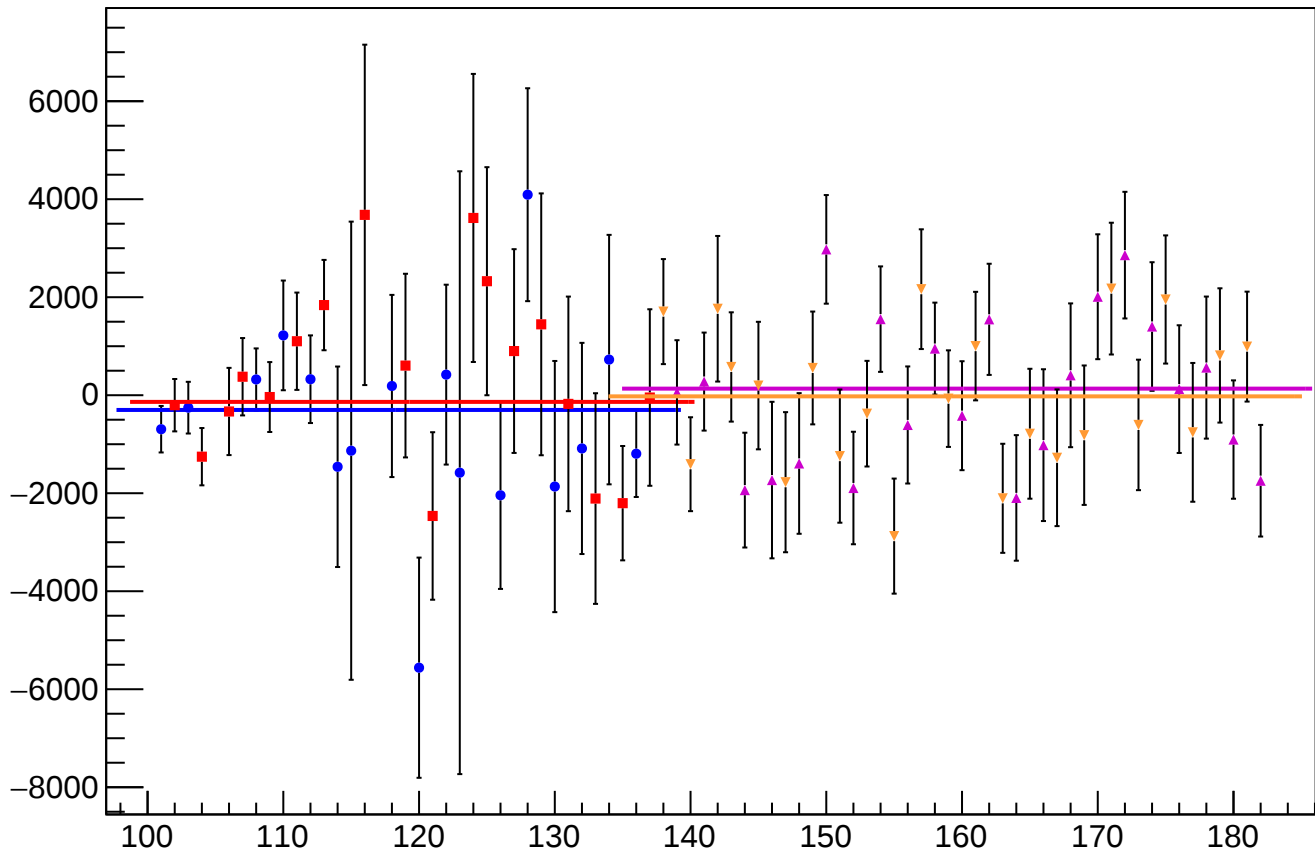
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 813.576 $\pm$ 0.128 χ^2 /NDF: 7625587.8/38

Out: 810.006 $\pm$ 0.125 χ^2 /NDF: 7347041.0/40

All: 811.754 $\pm$ 0.090 χ^2 /NDF: 14973025.5/79

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -23.374 ± 253.142 χ^2/NDF : 30.6/22

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 134.433 ± 256.879 χ^2/NDF : 34.7/21

Left: 54.373 ± 180.305 χ^2/NDF : 65.6/44

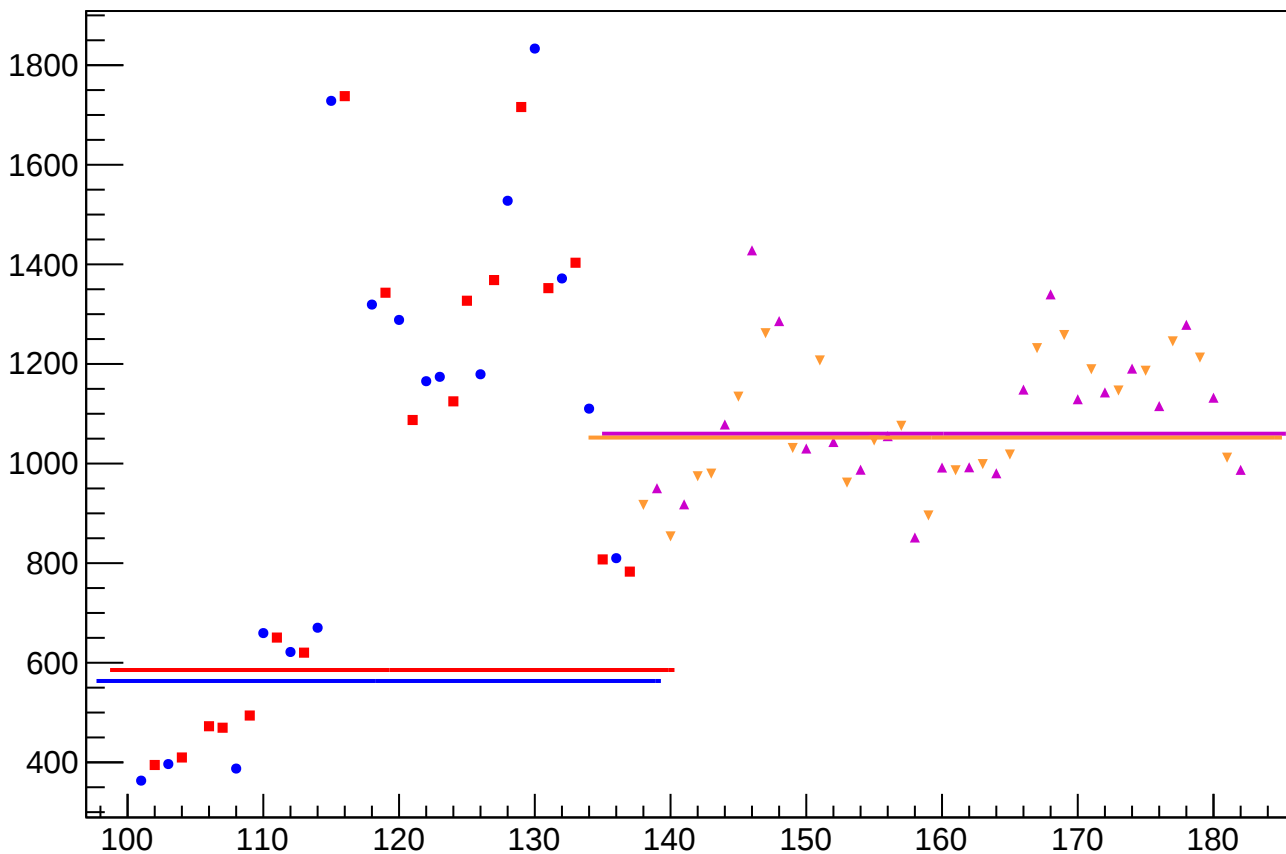
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -88.750 ± 179.270 χ^2/NDF : 52.9/38

Out: -80.967 ± 177.040 χ^2/NDF : 51.6/40

All: -84.810 ± 125.967 χ^2/NDF : 104.5/79

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1052.177 ± 0.179 $\chi^2/\text{NDF}: 481581.9/22$

Right Out: 585.438 ± 0.175 $\chi^2/\text{NDF}: 2818143.7/17$

Left In: 1059.946 ± 0.182 $\chi^2/\text{NDF}: 527315.5/21$

Left: 1056.004 ± 0.127 $\chi^2/\text{NDF}: 1009825.5/44$

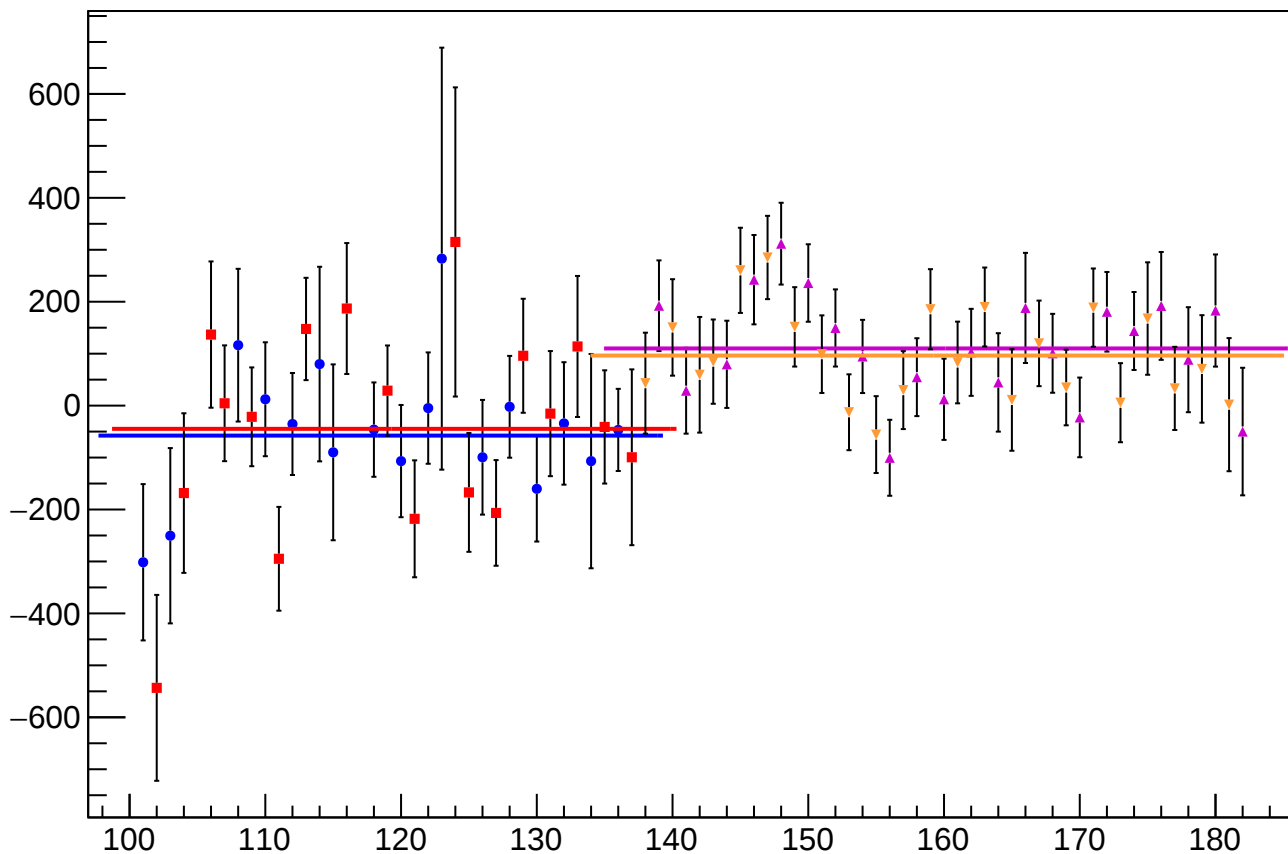
Right: 574.531 ± 0.124 $\chi^2/\text{NDF}: 6085027.9/34$

In: 805.232 ± 0.127 $\chi^2/\text{NDF}: 7619828.5/38$

Out: 813.729 ± 0.125 $\chi^2/\text{NDF}: 6773226.4/40$

All: 809.534 ± 0.089 $\chi^2/\text{NDF}: 14395329.3/79$

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 96.401 $\pm$ 17.289 χ^2 /NDF:27.1/22

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 110.052 $\pm$ 17.721 χ^2 /NDF:32.4/21

Left: 103.058 $\pm$ 12.375 χ^2 /NDF: 59.8/44

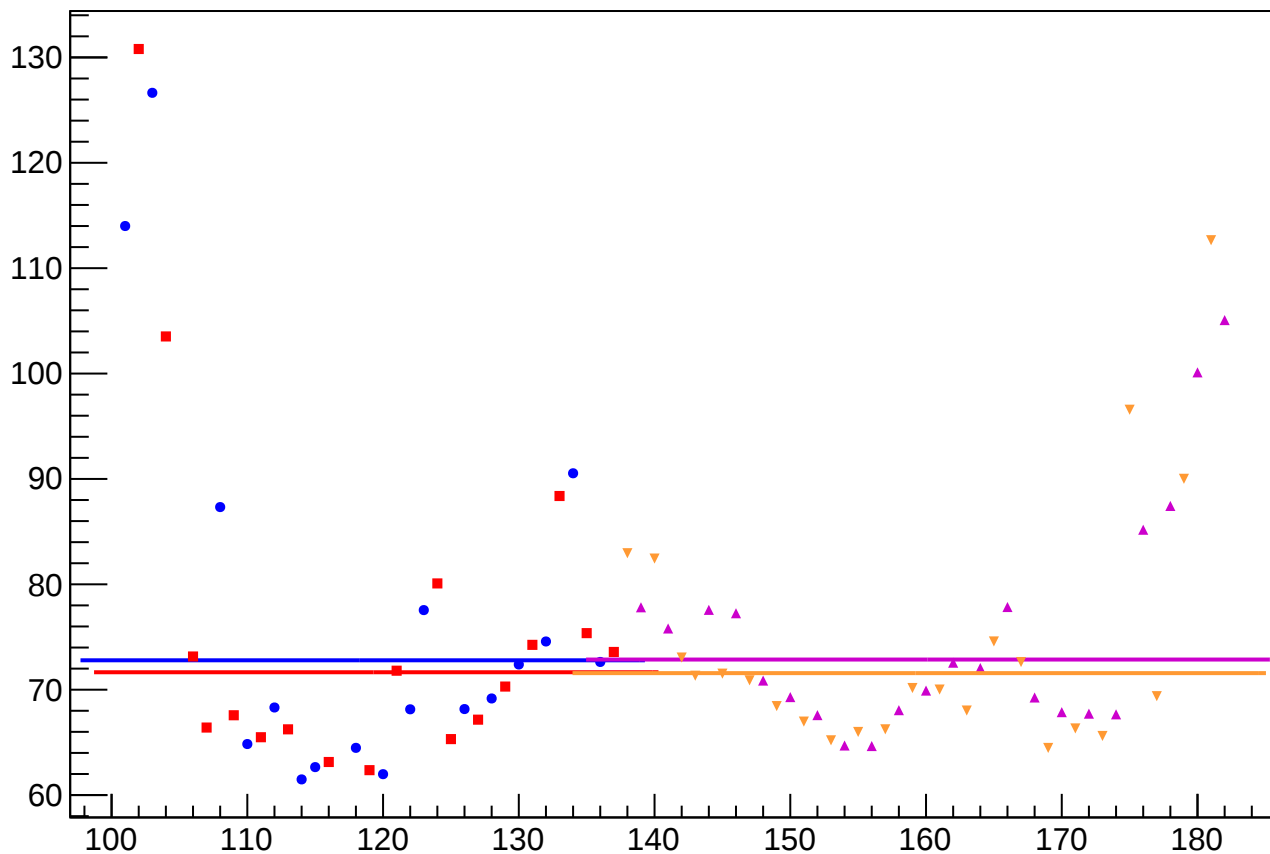
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 63.730 $\pm$ 15.077 χ^2 /NDF:66.3/38

Out: 56.868 $\pm$ 14.668 χ^2 /NDF:80.9/40

All: 60.204 $\pm$ 10.514 χ^2 /NDF: 147.3/79

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 71.572 $\pm$ 0.012 χ^2 /NDF: 529281.6/22

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 72.861 $\pm$ 0.013 χ^2 /NDF: 470561.1/21

Left: 72.201 $\pm$ 0.009 χ^2 /NDF: 1005260.7/44

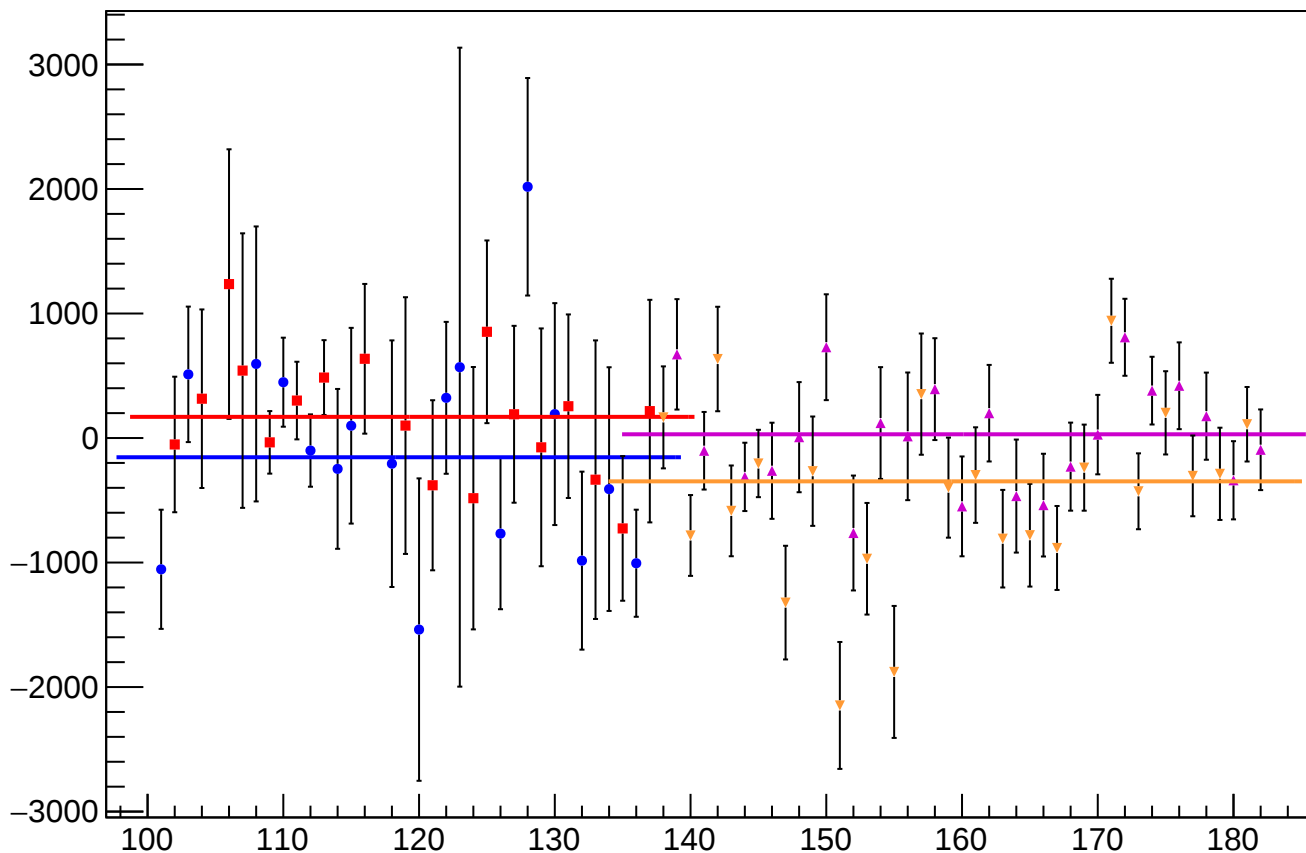
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.841 $\pm$ 0.011 χ^2 /NDF: 935343.0/38

Out: 71.596 $\pm$ 0.010 χ^2 /NDF: 933671.3/40

All: 72.201 $\pm$ 0.007 χ^2 /NDF: 1876028.6/79

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -347.932 ± 77.171 $\chi^2/\text{NDF}: 63.9/22$

Right Out: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: 30.029 ± 77.393 $\chi^2/\text{NDF}: 27.8/21$

Left: -159.494 ± 54.647 $\chi^2/\text{NDF}: 103.6/44$

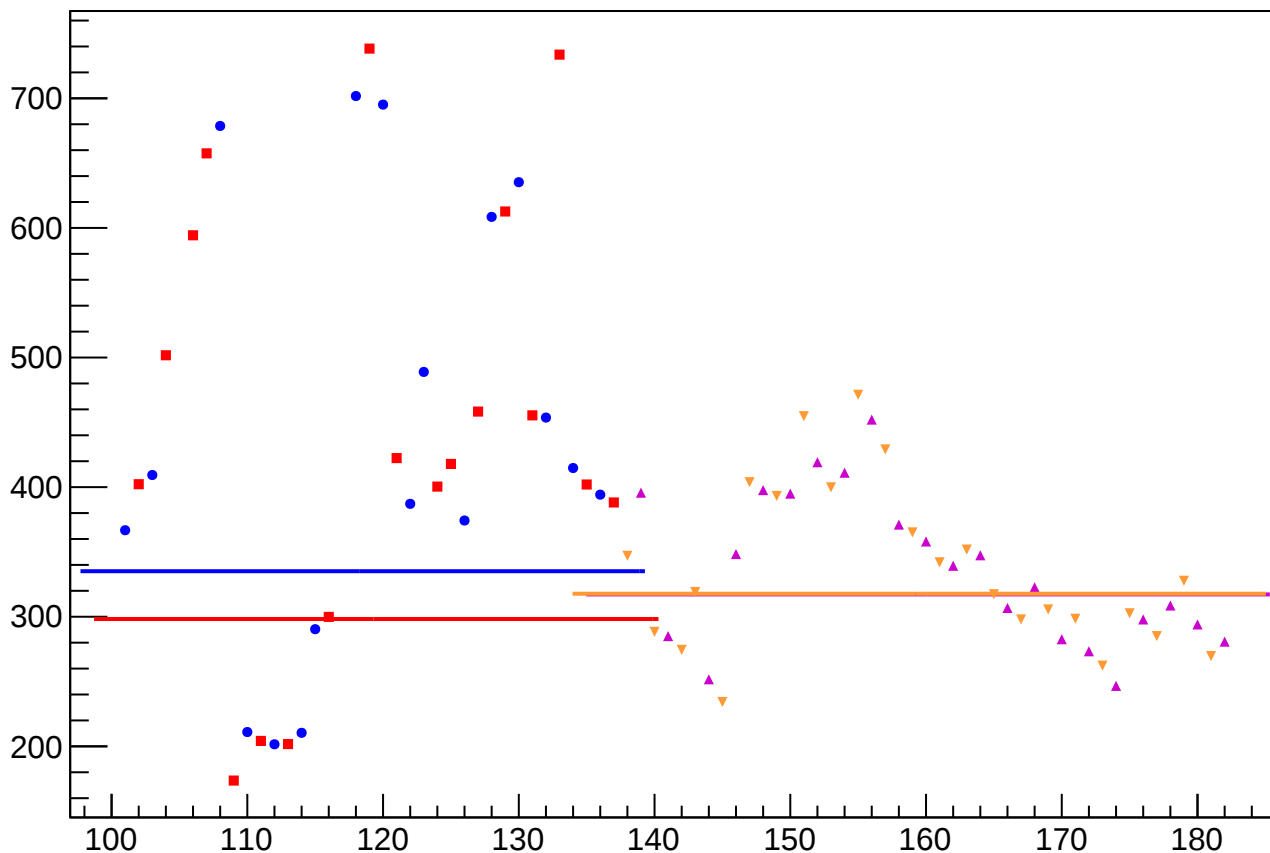
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -12.811 ± 67.812 $\chi^2/\text{NDF}: 52.3/38$

Out: -206.996 ± 65.840 $\chi^2/\text{NDF}: 84.5/40$

All: -112.767 ± 47.238 $\chi^2/\text{NDF}: 141.0/79$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 317.754+/-0.055 χ^2/NDF : 1063117.0/22

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 317.215+/-0.055 χ^2/NDF : 982400.0/21

Left: 317.485+/-0.039 χ^2/NDF : 2045565.6/44

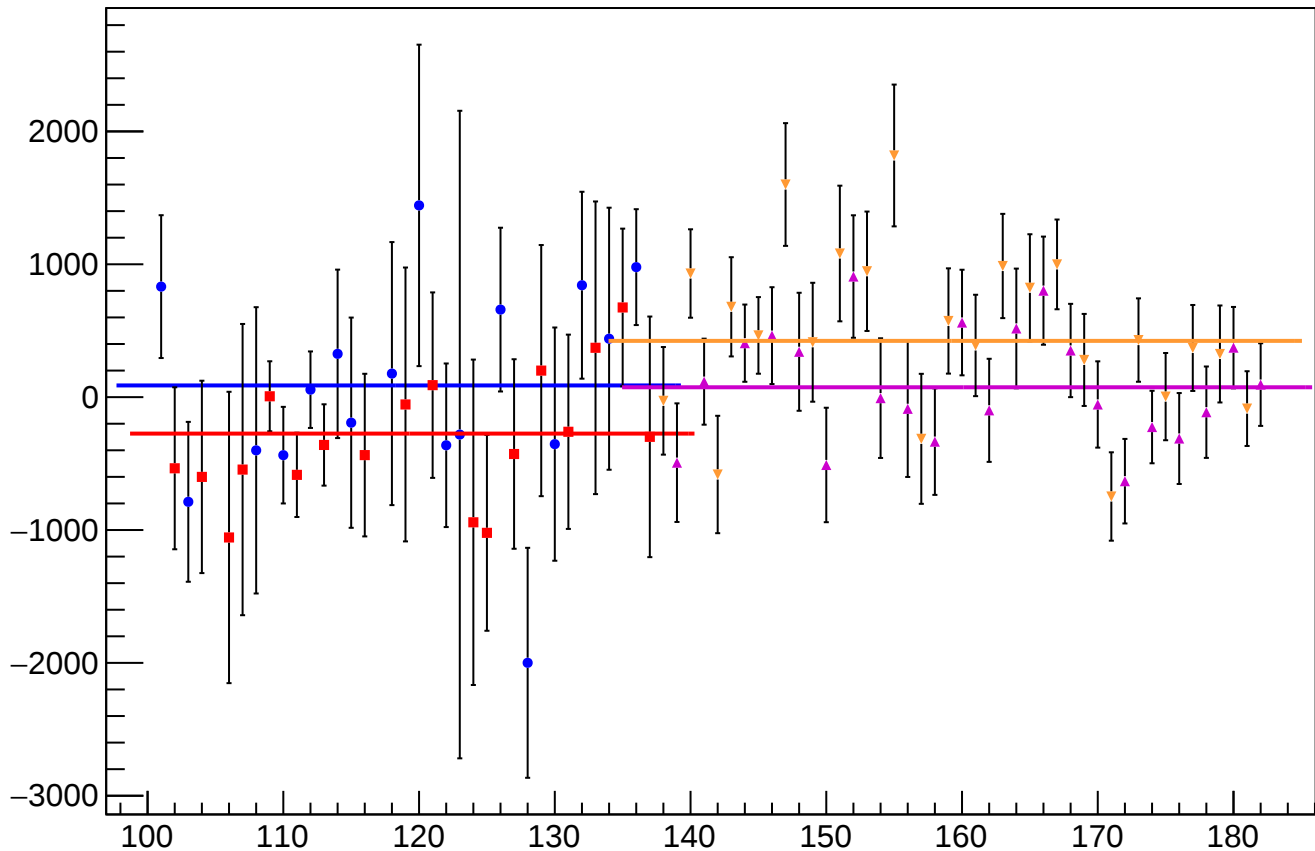
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 321.378+/-0.048 χ^2/NDF : 3001349.0/38

Out: 312.448+/-0.047 χ^2/NDF : 3874421.0/40

All: 316.781+/-0.033 χ^2/NDF : 6893622.4/79

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 423.510+/-77.431 χ^2/NDF : 51.5/22

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 74.292+/-77.405 χ^2/NDF : 26.0/21

Left: 248.843+/-54.743 χ^2/NDF : 87.7/44

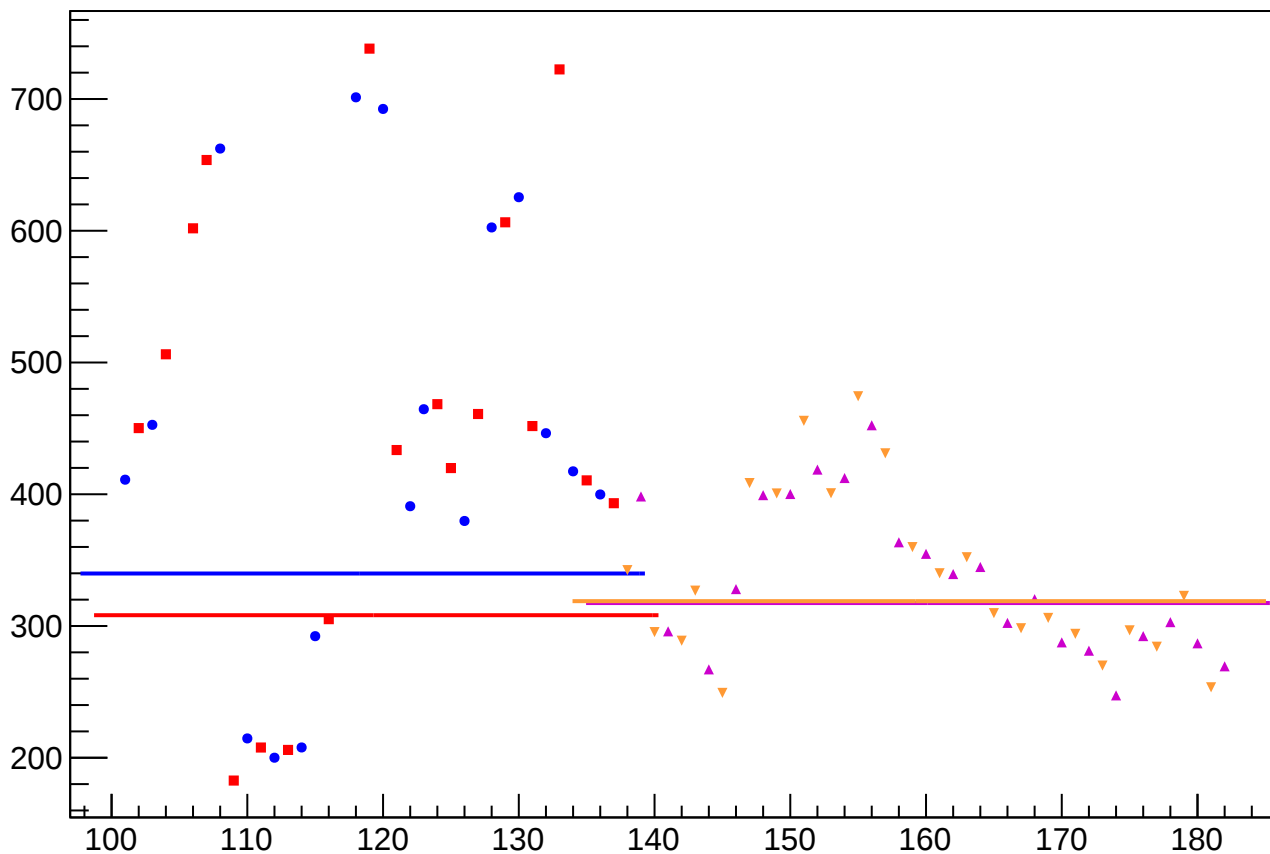
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 77.424+/-68.074 χ^2/NDF : 46.8/38

Out: 240.489+/-66.507 χ^2/NDF : 80.9/40

All: 160.855+/-47.572 χ^2/NDF : 130.7/79

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 318.860 $\pm$ 0.055 χ^2 /NDF:1023981.0/22

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 317.431 $\pm$ 0.055 χ^2 /NDF:919305.4/21

Left: 318.145 $\pm$ 0.039 χ^2 /NDF: 1943627.0/44

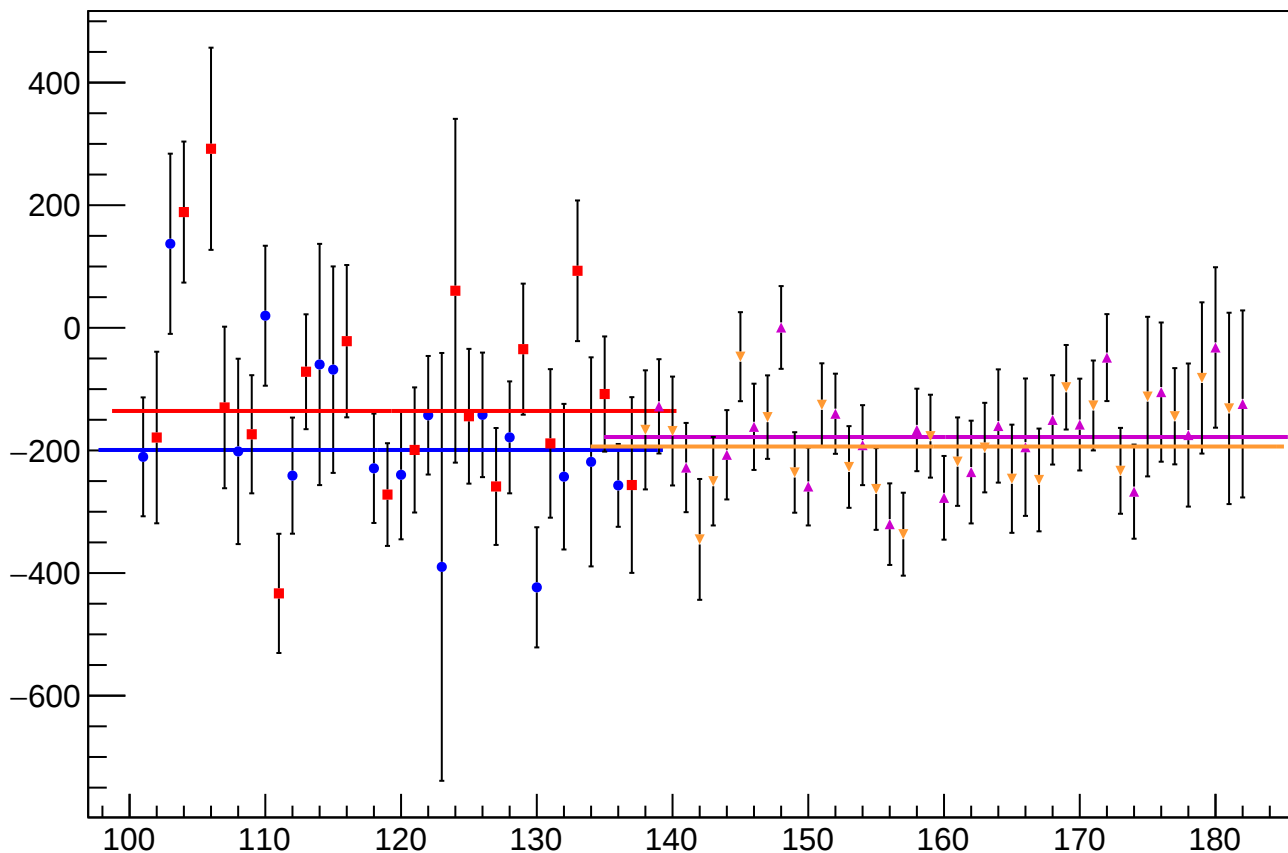
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 322.510 $\pm$ 0.048 χ^2 /NDF:3000837.1/38

Out: 316.064 $\pm$ 0.047 χ^2 /NDF:3732753.2/40

All: 319.212 $\pm$ 0.034 χ^2 /NDF: 6742766.6/79

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -193.620 $\pm$ 16.117 χ^2/NDF : 20.8/22

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -178.090 $\pm$ 16.501 χ^2/NDF : 24.0/21

Left: -186.038 $\pm$ 11.530 χ^2/NDF : 45.3/44

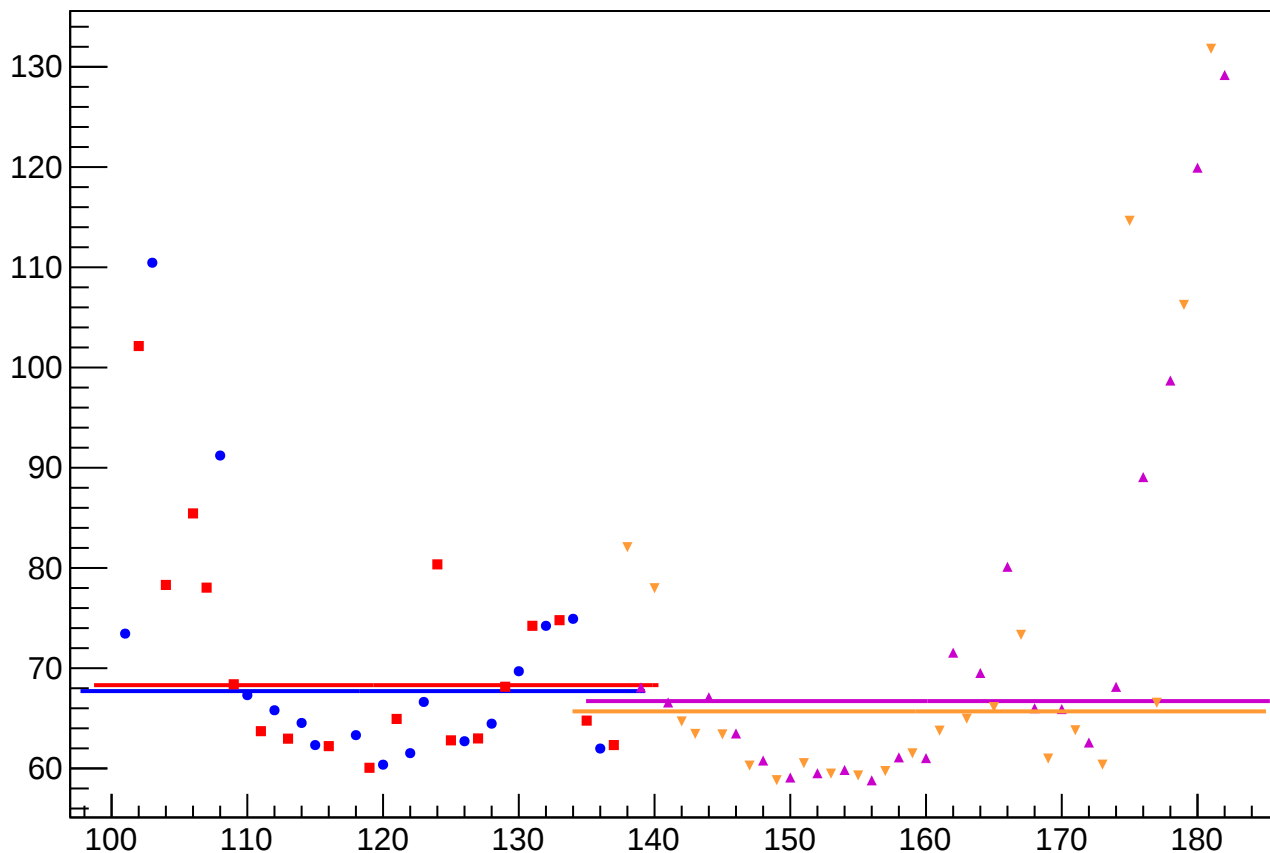
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -183.997 $\pm$ 14.010 χ^2/NDF : 42.1/38

Out: -177.744 $\pm$ 13.735 χ^2/NDF : 61.0/40

All: -180.809 $\pm$ 9.808 χ^2/NDF : 103.2/79

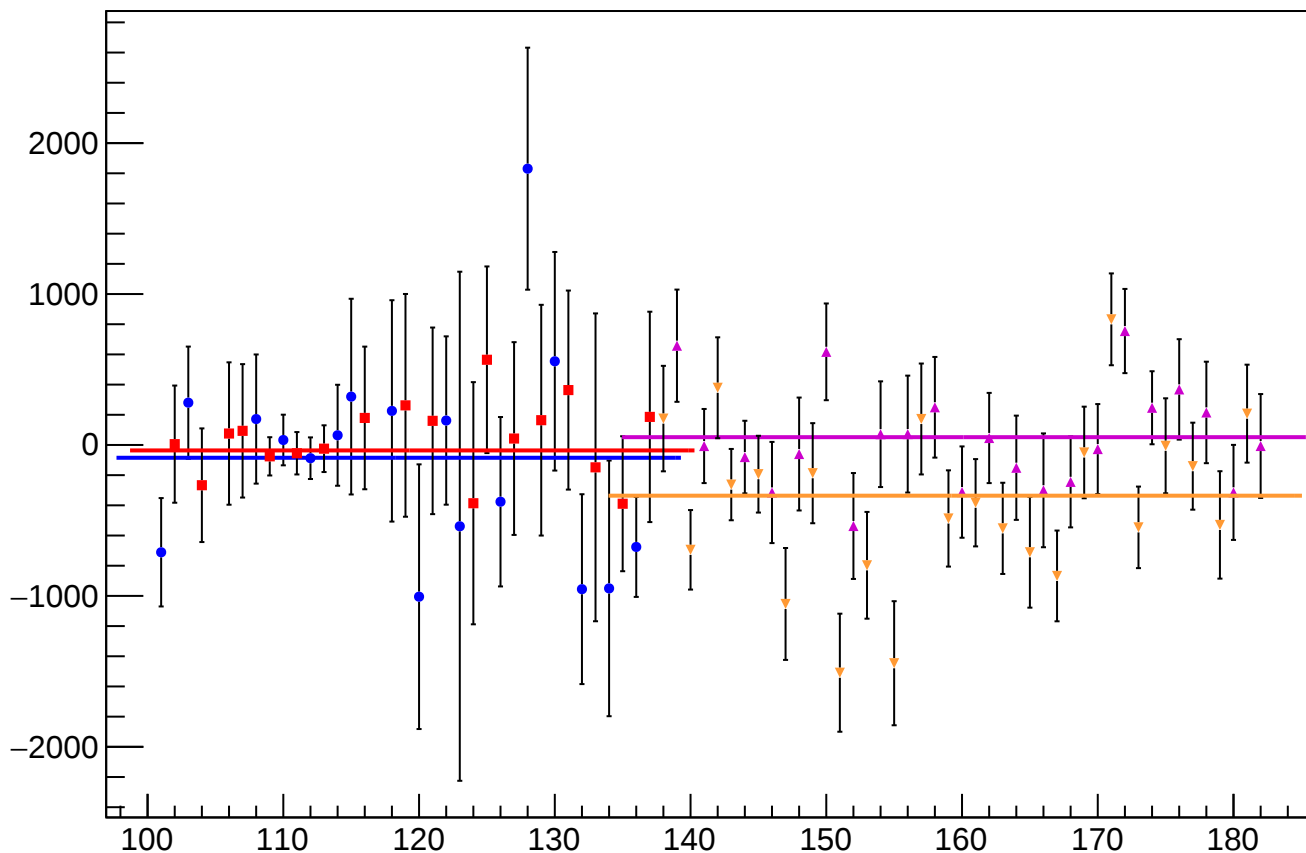
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16
 Left Out: 65.693 $\pm$ 0.011 χ^2 /NDF: 1103129.9/22
 Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17
 Left In: 66.718 $\pm$ 0.012 χ^2 /NDF: 1090616.0/21

Left: 66.193 $\pm$ 0.008 χ^2 /NDF: 2197696.2/44
 Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34
 In: 66.996 $\pm$ 0.010 χ^2 /NDF: 1375549.5/38
 Out: 66.409 $\pm$ 0.010 χ^2 /NDF: 1351865.4/40
 All: 66.697 $\pm$ 0.007 χ^2 /NDF: 2729208.8/79

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -335.984 ± 65.196 χ^2/NDF : 58.7/22

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: 51.691 ± 66.673 χ^2/NDF : 23.8/21

Left: -146.489 ± 46.614 χ^2/NDF : 99.8/44

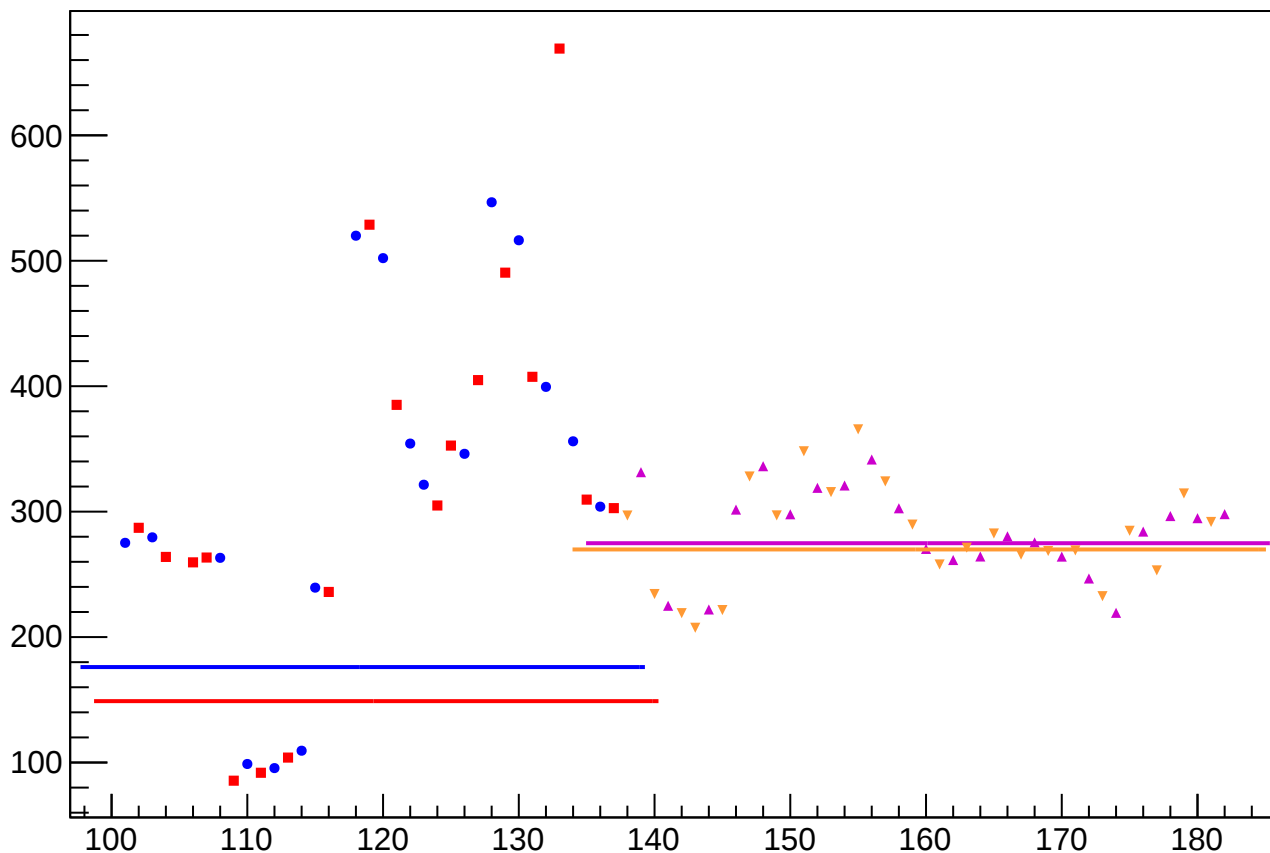
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -2.086 ± 51.897 χ^2/NDF : 45.4/38

Out: -196.167 ± 47.629 χ^2/NDF : 72.0/40

All: -107.434 ± 35.091 χ^2/NDF : 124.9/79

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.856 $\pm$ 0.046 χ^2/NDF : 738383.6/22

Right Out: 148.932 $\pm$ 0.049 χ^2/NDF : 4770916.6/17

Left In: 274.833 $\pm$ 0.047 χ^2/NDF : 603740.6/21

Left: 272.288 $\pm$ 0.033 χ^2/NDF : 1347821.3/44

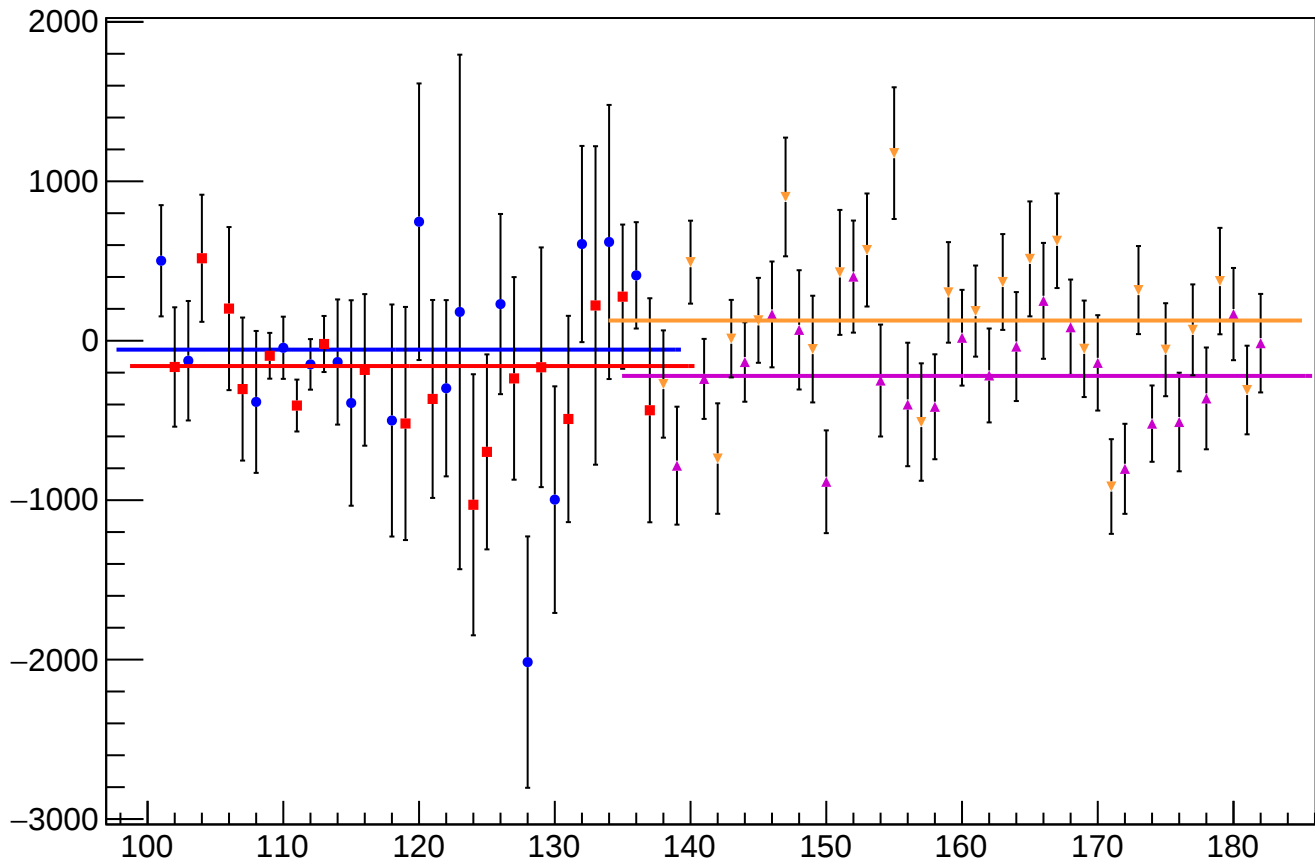
Right: 160.228 $\pm$ 0.038 χ^2/NDF : 9120718.3/34

In: 235.919 $\pm$ 0.037 χ^2/NDF : 6556037.2/38

Out: 213.470 $\pm$ 0.034 χ^2/NDF : 8717571.5/40

All: 223.734 $\pm$ 0.025 χ^2/NDF : 15476746.6/79

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 126.889 ± 64.472 $\chi^2/\text{NDF}: 47.6/22$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -220.583 ± 65.788 $\chi^2/\text{NDF}: 25.2/21$

Left: -43.337 ± 46.047 $\chi^2/\text{NDF}: 87.0/44$

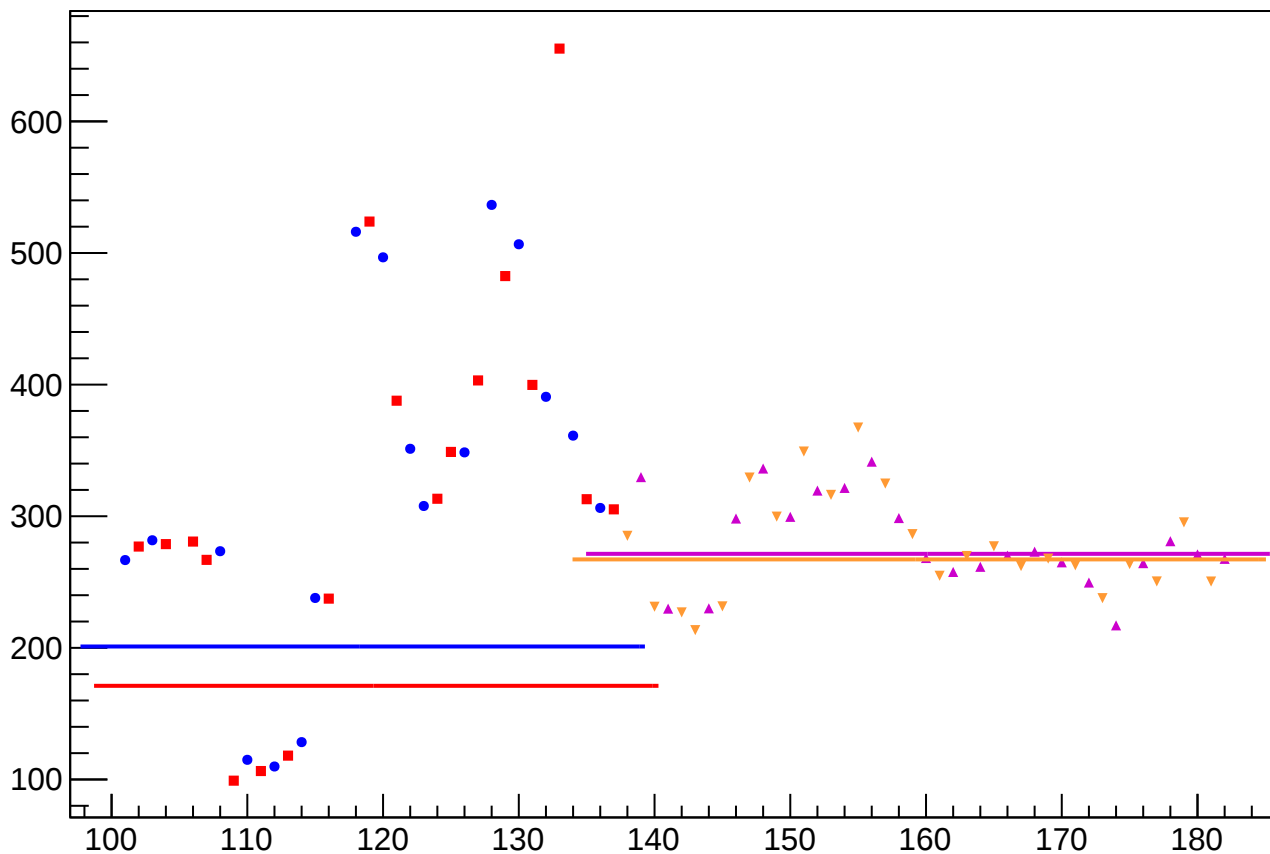
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -163.644 ± 53.228 $\chi^2/\text{NDF}: 44.5/38$

Out: 9.327 ± 49.451 $\chi^2/\text{NDF}: 66.1/40$

All: -70.805 ± 36.229 $\chi^2/\text{NDF}: 116.2/79$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 267.202 $\pm$ 0.046 χ^2/NDF : 636870.4/22

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 406598.7/17

Left In: 271.439 $\pm$ 0.047 χ^2/NDF : 530894.1/21

Left: 269.278 $\pm$ 0.033 χ^2/NDF : 1171997.5/44

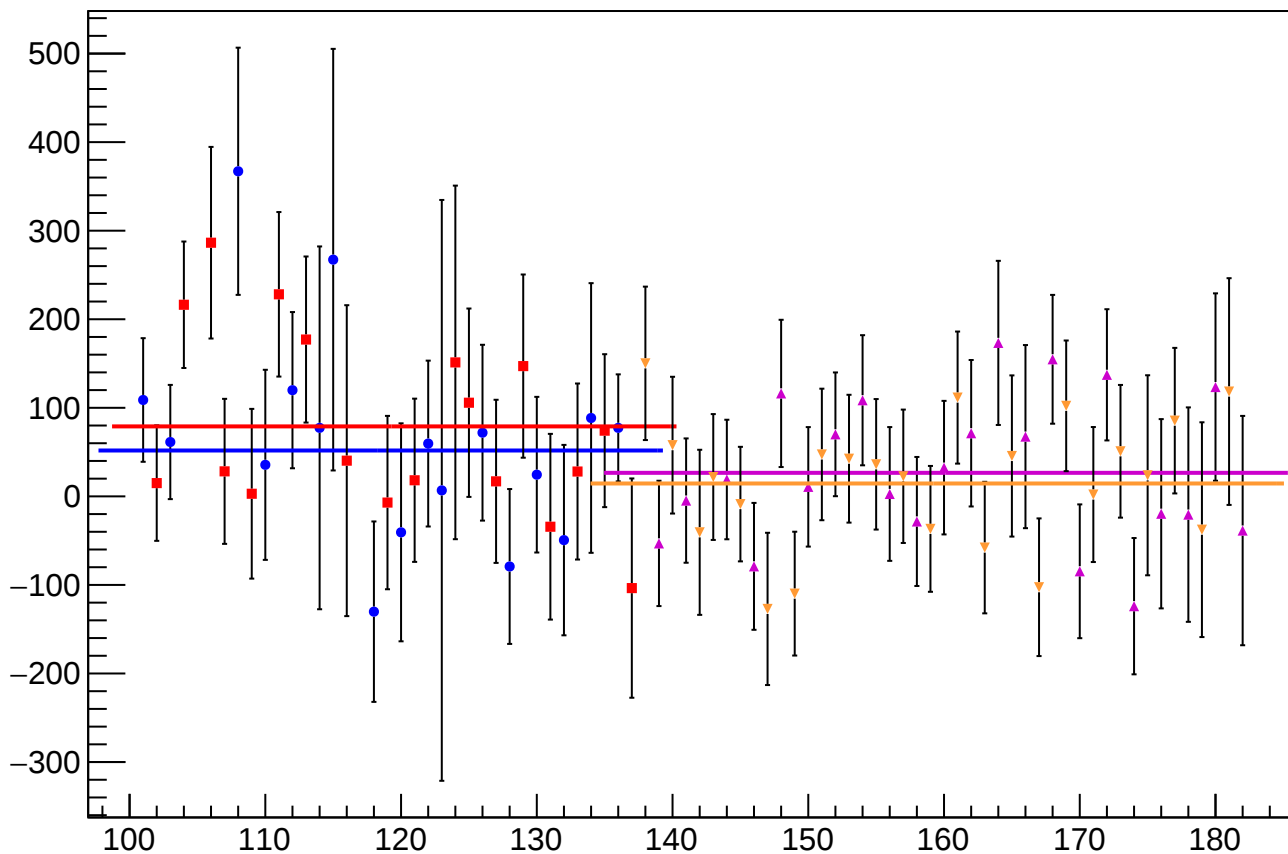
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 247.124 $\pm$ 0.038 χ^2/NDF : 4754986.3/38

Out: 227.663 $\pm$ 0.035 χ^2/NDF : 6529621.2/40

All: 236.678 $\pm$ 0.026 χ^2/NDF : 11428102.2/79

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2/NDF : 14.5/16

Left Out: 14.545 $\pm$ 16.525 χ^2/NDF : 18.4/22

Right Out: 79.008 $\pm$ 22.499 χ^2/NDF : 19.0/17

Left In: 26.582 $\pm$ 16.933 χ^2/NDF : 22.9/21

Left: 20.417 $\pm$ 11.827 χ^2/NDF : 41.6/44

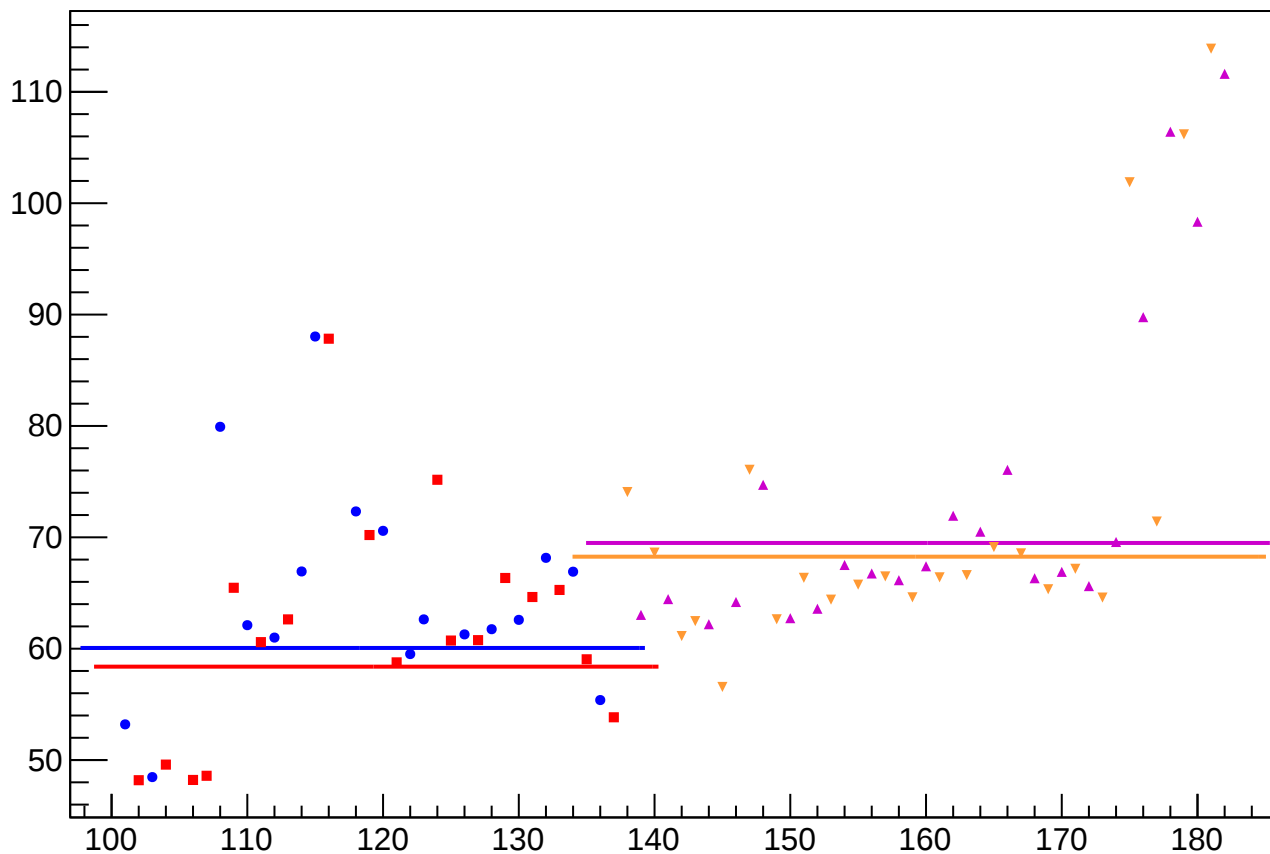
Right: 66.018 $\pm$ 16.264 χ^2/NDF : 34.2/34

In: 35.182 $\pm$ 13.746 χ^2/NDF : 38.2/38

Out: 37.134 $\pm$ 13.319 χ^2/NDF : 42.7/40

All: 36.189 $\pm$ 9.565 χ^2/NDF : 80.9/79

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: 68.262 $\pm$ 0.012 χ^2 /NDF: 785092.2/22

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 69.494 $\pm$ 0.012 χ^2 /NDF: 753428.2/21

Left: 68.863 $\pm$ 0.008 χ^2 /NDF: 1543939.9/44

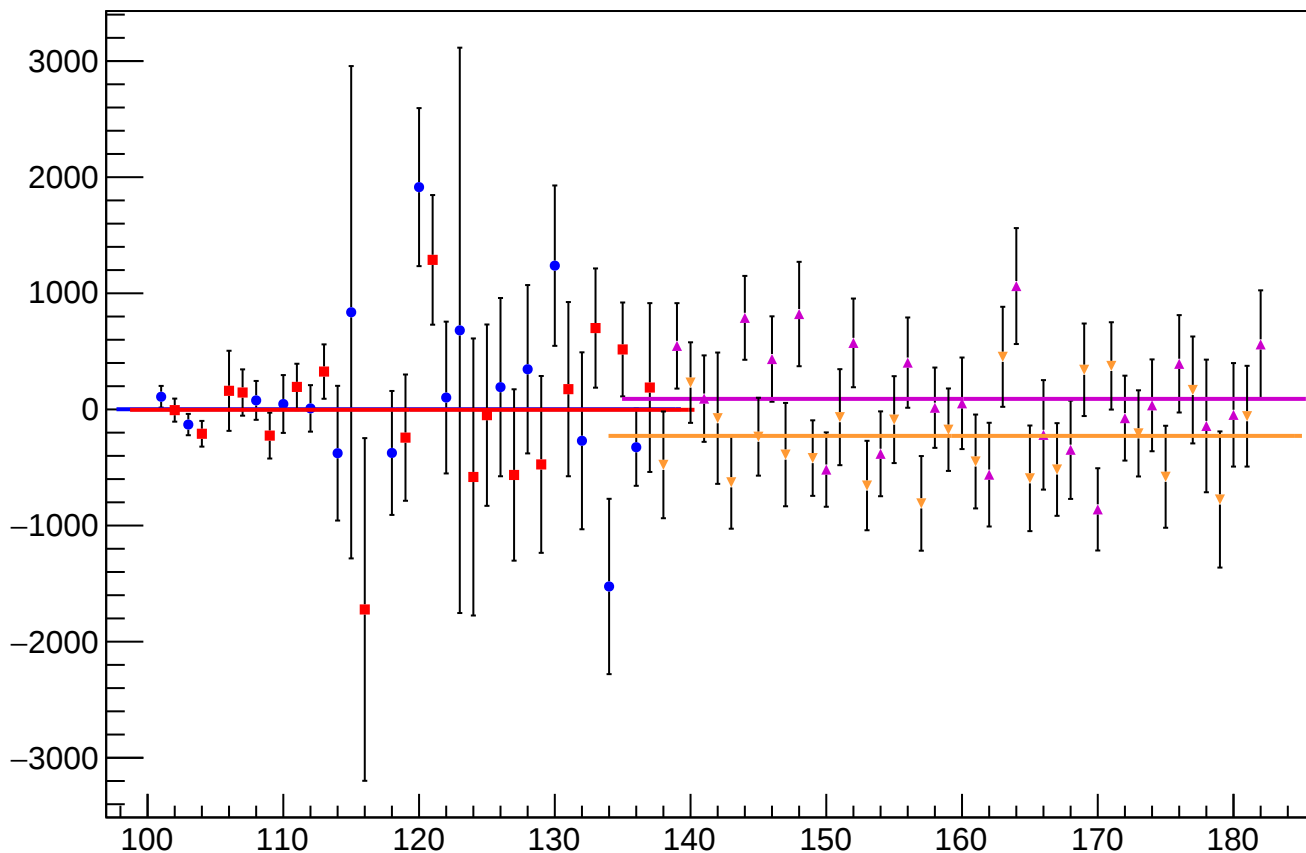
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 66.278 $\pm$ 0.010 χ^2 /NDF: 1193976.9/38

Out: 64.802 $\pm$ 0.009 χ^2 /NDF: 1310374.2/40

All: 65.517 $\pm$ 0.007 χ^2 /NDF: 2516255.4/79

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -227.895 ± 84.248 $\chi^2/\text{NDF}: 18.2/22$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 90.766 ± 84.681 $\chi^2/\text{NDF}: 33.0/21$

Left: -69.380 ± 59.725 $\chi^2/\text{NDF}: 58.3/44$

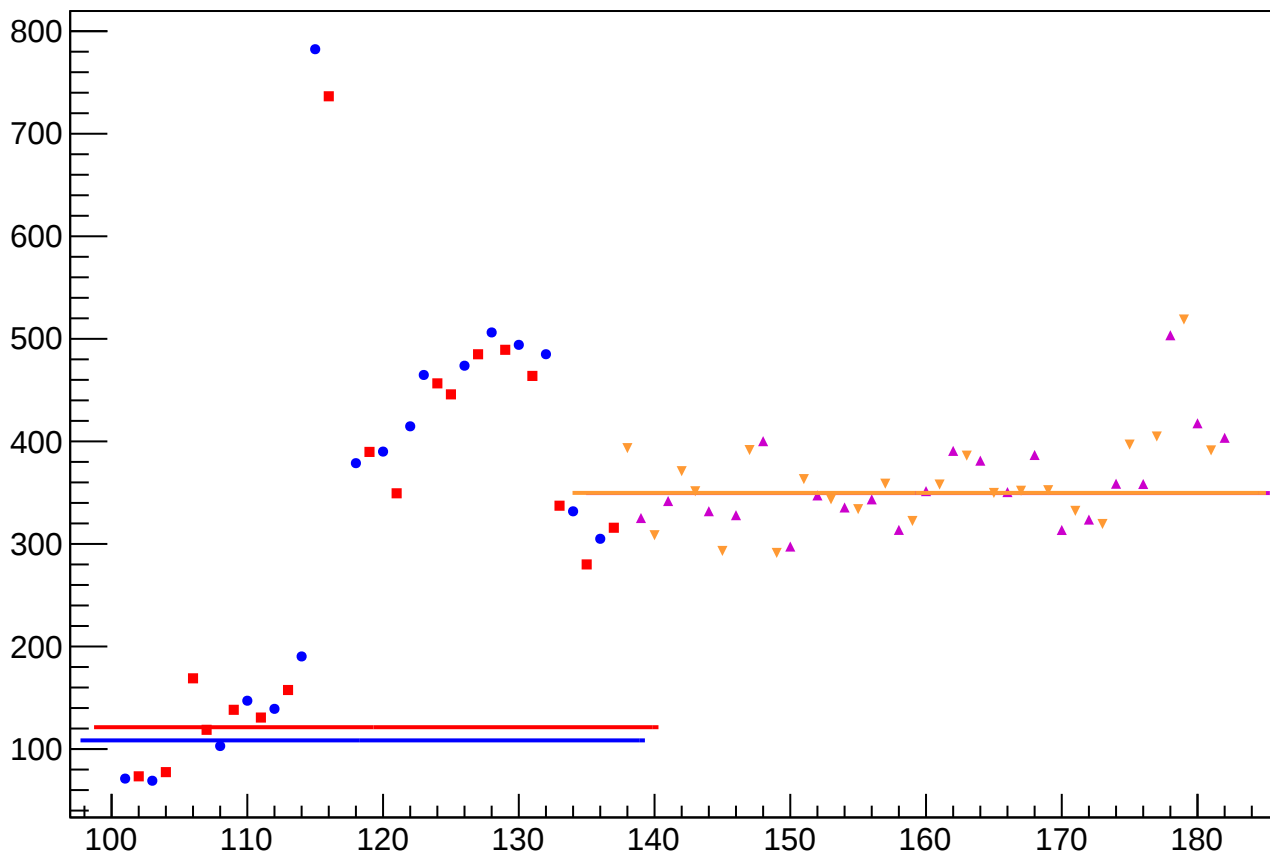
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 27.556 ± 45.700 $\chi^2/\text{NDF}: 55.2/38$

Out: -73.125 ± 46.988 $\chi^2/\text{NDF}: 43.3/40$

All: -21.386 ± 32.761 $\chi^2/\text{NDF}: 100.9/79$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 349.782+/-0.060 χ^2/NDF : 476636.5/22

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 349.604+/-0.060 χ^2/NDF : 416380.1/21

Left: 349.693+/-0.042 χ^2/NDF : 893021.0/44

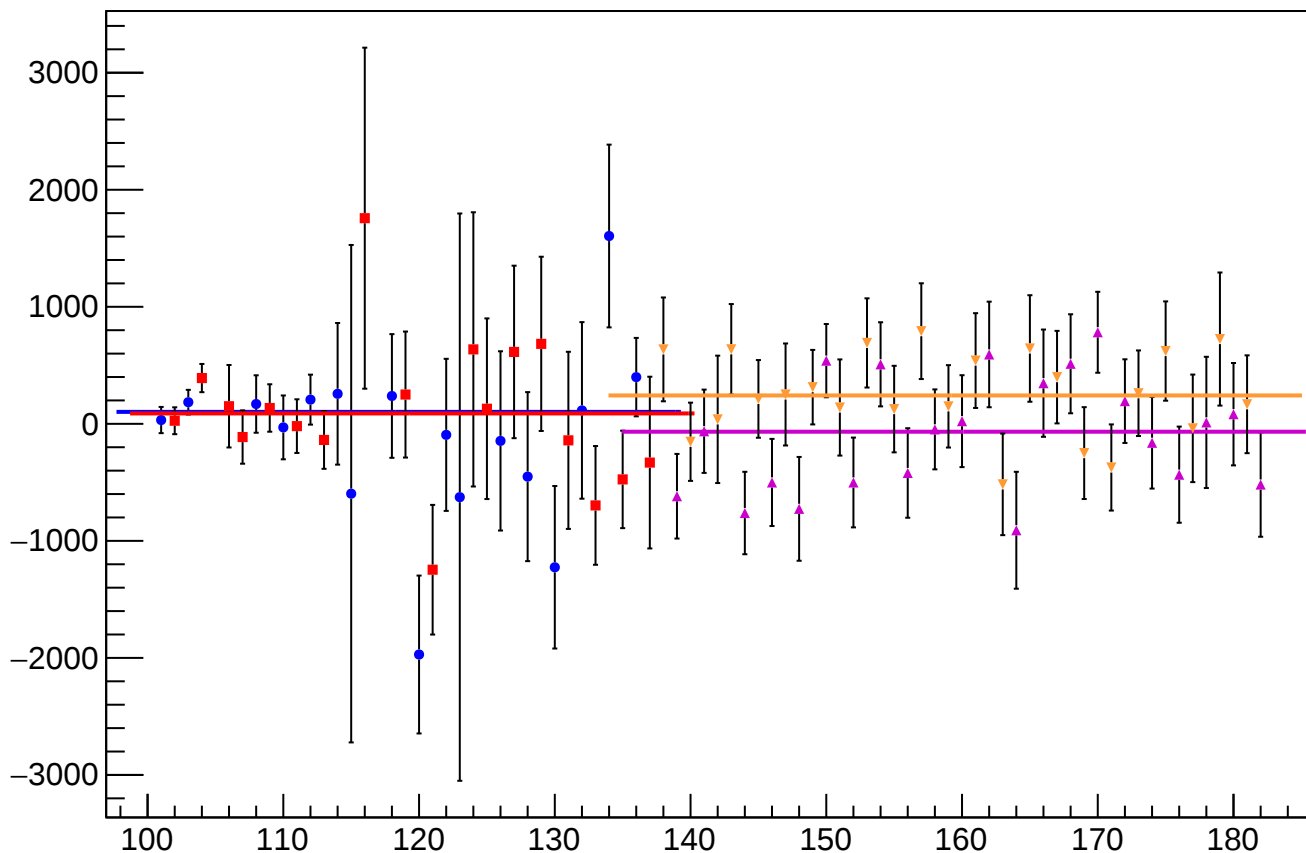
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 178.683+/-0.032 χ^2/NDF : 17316819.9/38

Out: 192.376+/-0.033 χ^2/NDF : 15342017.1/40

All: 185.339+/-0.023 χ^2/NDF : 32746127.0/79

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 242.581 $\pm$ 82.878 χ^2 /NDF:17.7/22

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -67.336 $\pm$ 83.366 χ^2 /NDF:34.6/21

Left: 88.531 $\pm$ 58.775 χ^2 /NDF: 59.2/44

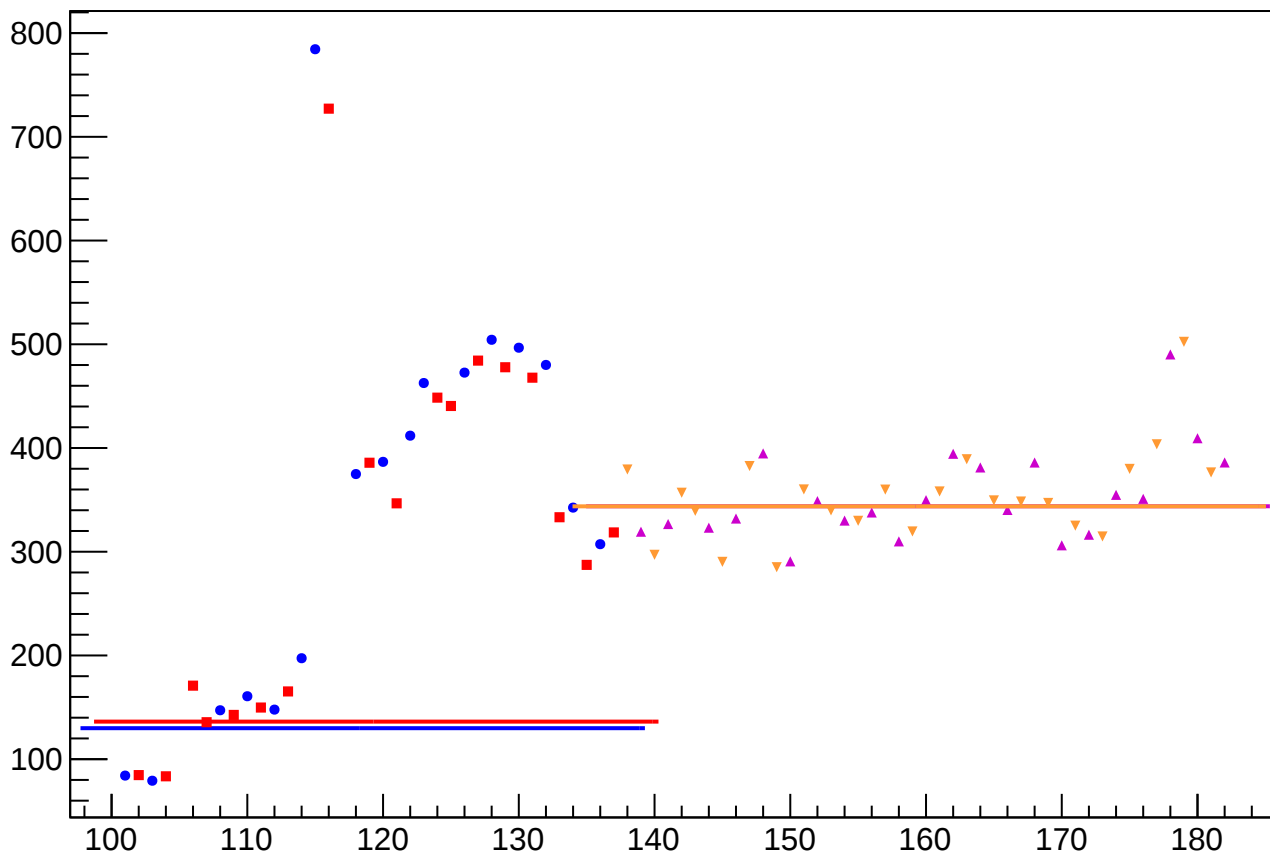
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 40.428 $\pm$ 50.327 χ^2 /NDF:57.5/38

Out: 144.269 $\pm$ 49.764 χ^2 /NDF:41.6/40

All: 92.933 $\pm$ 35.386 χ^2 /NDF: 101.2/79

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 343.764+/-0.059 χ^2/NDF : 466969.4/22

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 343.832+/-0.059 χ^2/NDF : 423912.1/21

Left: 343.798+/-0.042 χ^2/NDF : 890882.1/44

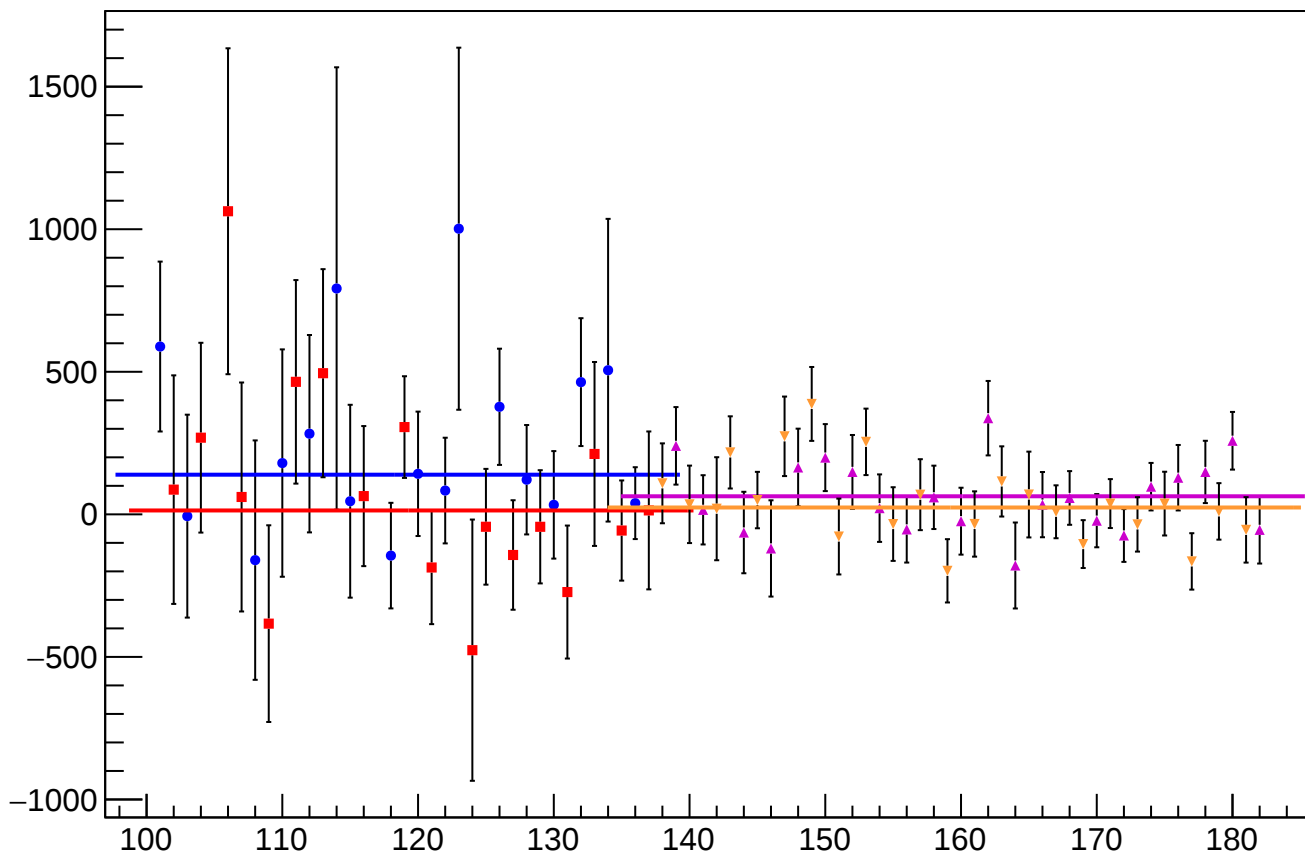
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 207.854+/-0.036 χ^2/NDF : 13625454.9/38

Out: 211.050+/-0.035 χ^2/NDF : 12769682.7/40

All: 209.470+/-0.025 χ^2/NDF : 26399214.6/79

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2/NDF : 13.1/16

Left Out: 24.042 $\pm$ 23.587 χ^2/NDF :30.5/22

Right Out: 13.637 $\pm$ 60.127 χ^2/NDF : 16.4/17

Left In: 63.378 $\pm$ 24.343 χ^2/NDF :23.7/21

Left: 43.090 $\pm$ 16.940 χ^2/NDF : 55.6/44

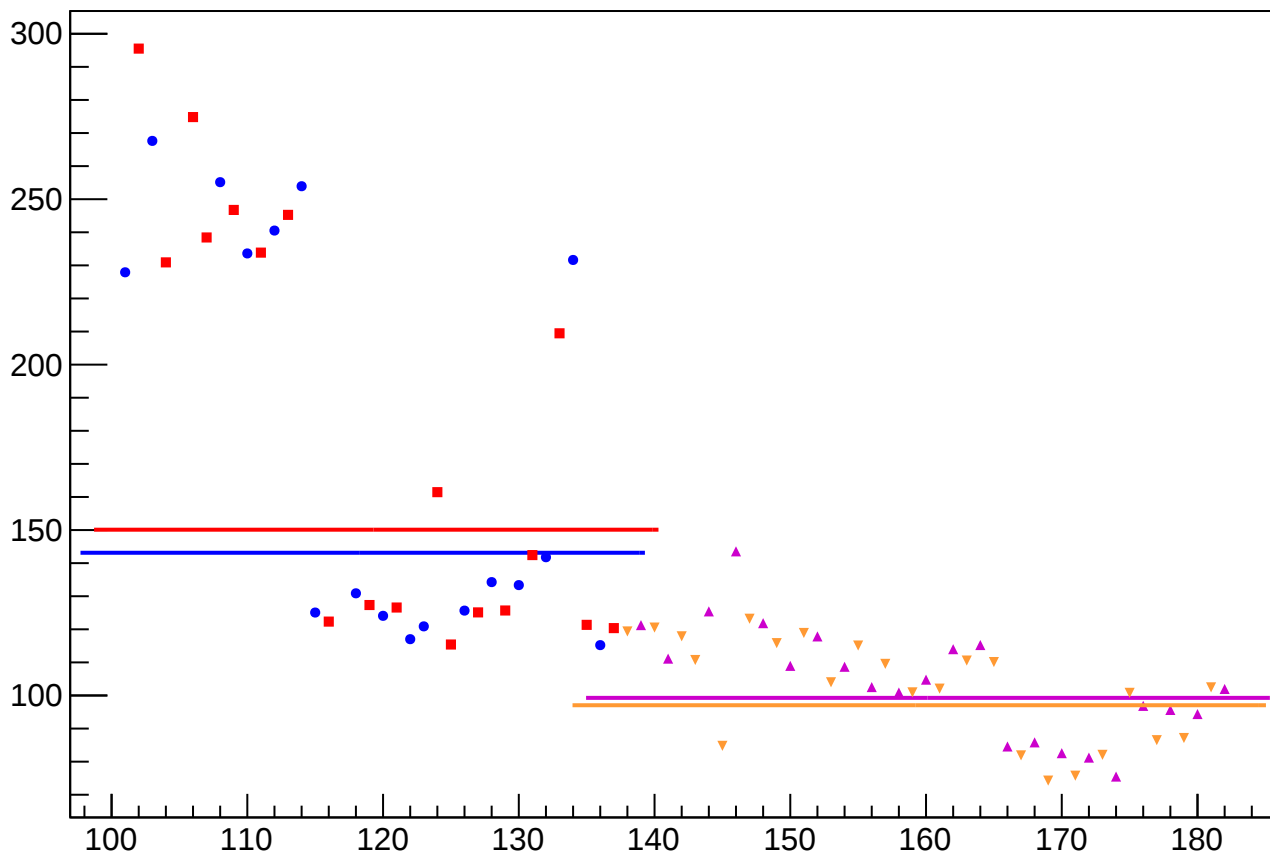
Right: 78.643 $\pm$ 41.737 χ^2/NDF : 31.8/34

In: 74.724 $\pm$ 22.445 χ^2/NDF :38.3/38

Out: 22.654 $\pm$ 21.958 χ^2/NDF :46.9/40

All: 48.118 $\pm$ 15.696 χ^2/NDF : 88.0/79

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 97.051 $\pm$ 0.017 χ^2 /NDF: 891794.7/22

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.280 $\pm$ 0.017 χ^2 /NDF: 838579.5/21

Left: 98.131 $\pm$ 0.012 χ^2 /NDF: 1739021.0/44

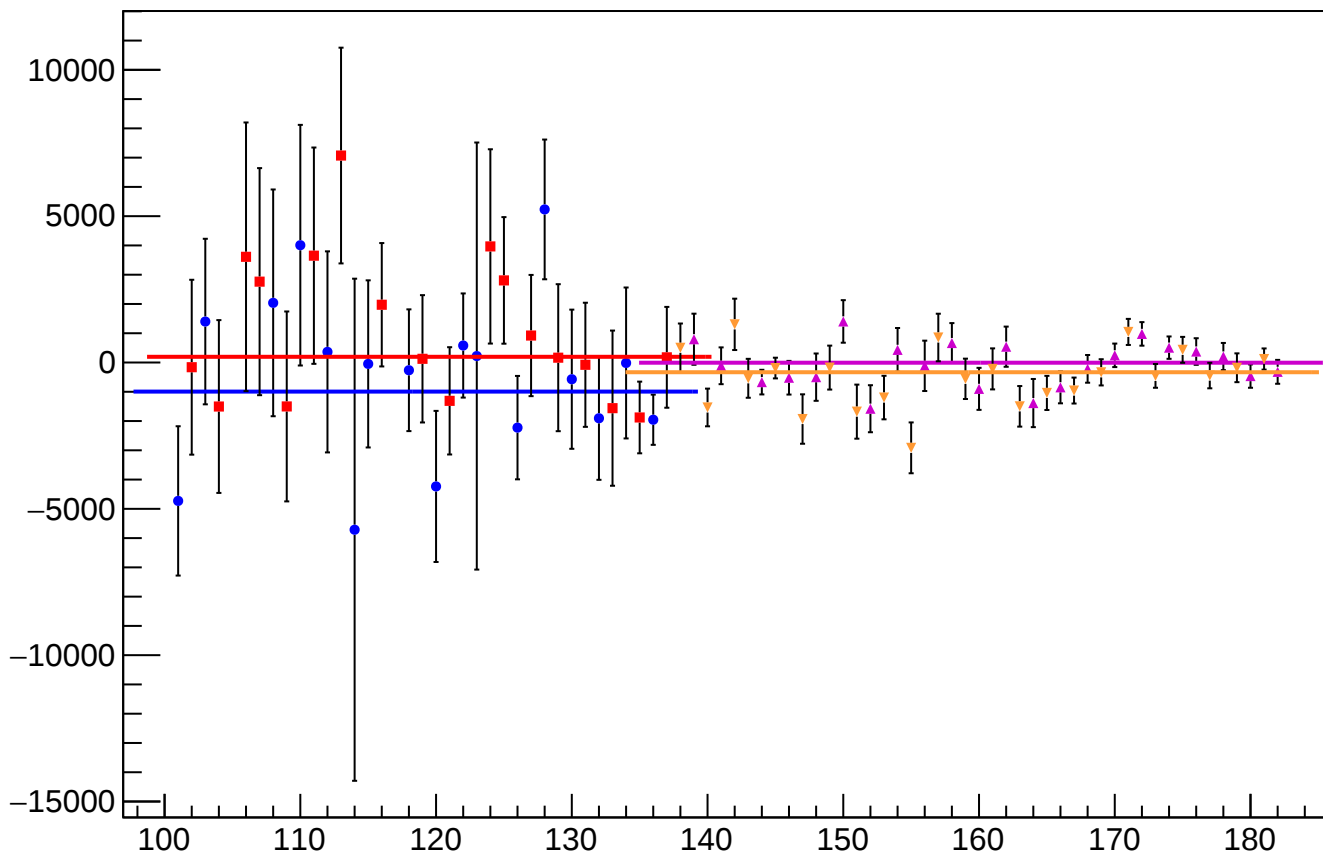
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 105.853 $\pm$ 0.016 χ^2 /NDF: 2912749.4/38

Out: 104.127 $\pm$ 0.016 χ^2 /NDF: 3574220.9/40

All: 104.971 $\pm$ 0.011 χ^2 /NDF: 6493007.5/79

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -332.296+/-114.016 χ^2/NDF : 47.1/22

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -7.167+/-113.865 χ^2/NDF : 32.0/21

Left: -169.517+/-80.568 χ^2/NDF : 83.2/44

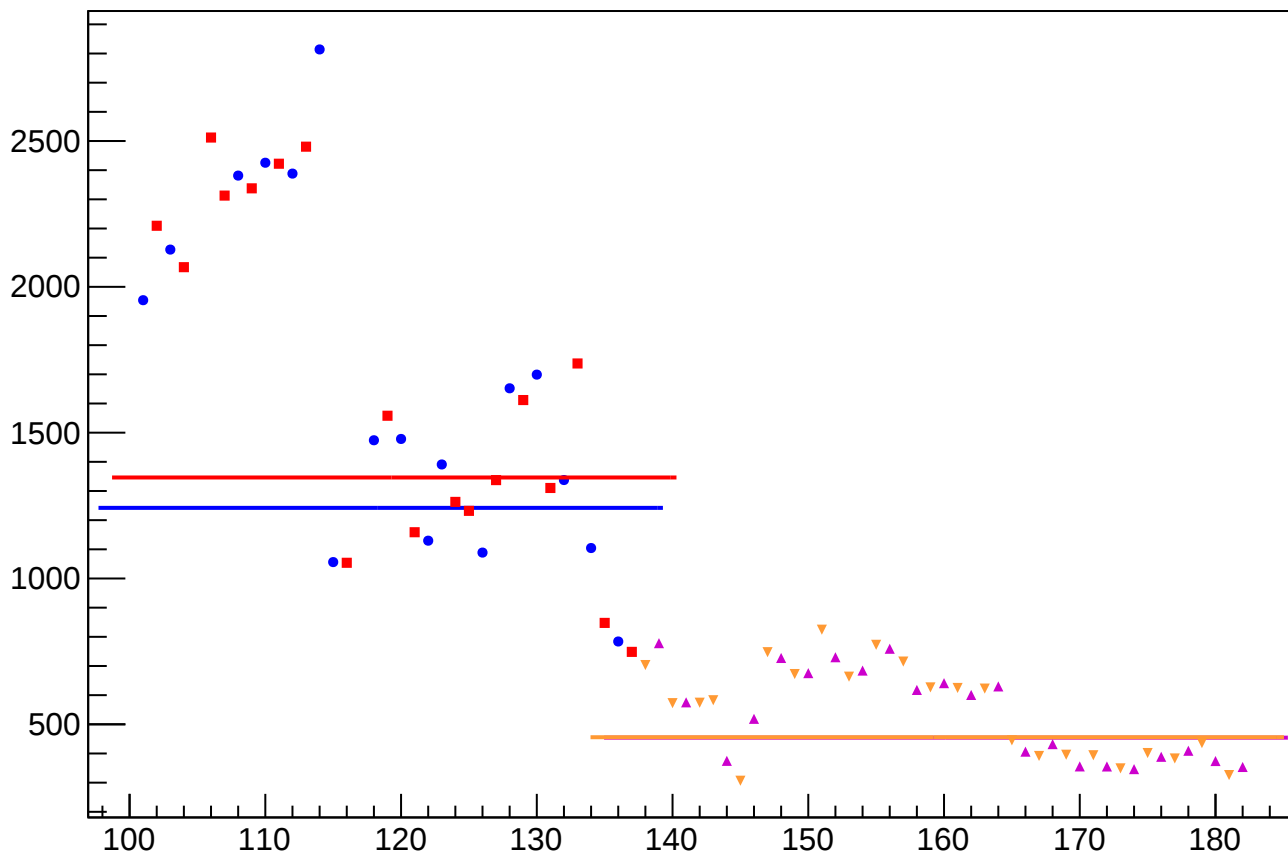
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -52.901+/-111.195 χ^2/NDF : 52.4/38

Out: -310.092+/-111.590 χ^2/NDF : 61.6/40

All: -181.041+/-78.766 χ^2/NDF : 116.7/79

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 455.724+/-0.081 χ^2/NDF : 3015513.4/22

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 454.266+/-0.081 χ^2/NDF : 2652240.5/21

Left: 454.994+/-0.057 χ^2/NDF : 5667917.6/44

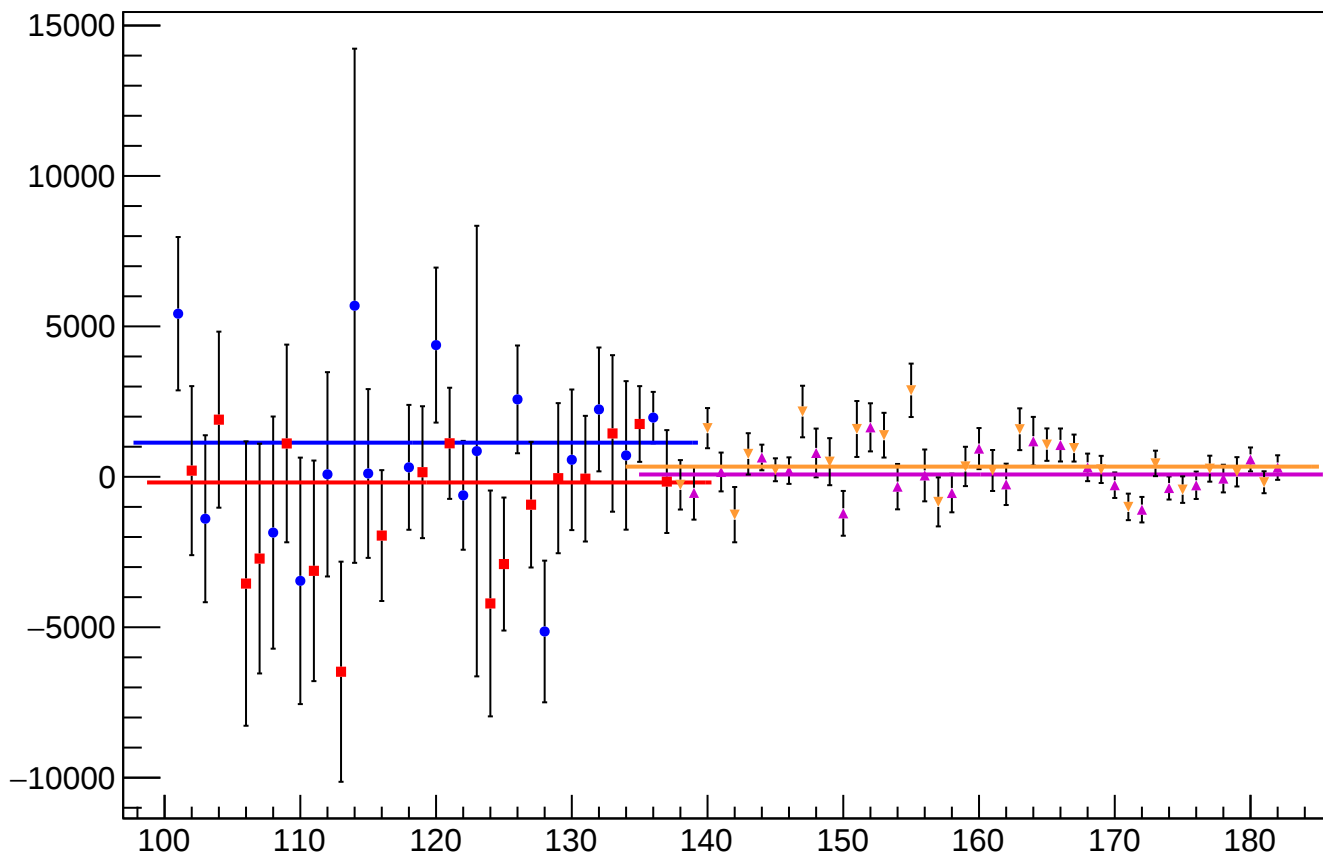
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 490.789+/-0.079 χ^2/NDF : 8858682.4/38

Out: 493.223+/-0.079 χ^2/NDF : 9962936.3/40

All: 492.002+/-0.056 χ^2/NDF : 18822096.2/79

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 339.041 $\pm$ 115.056 χ^2/NDF : 47.8/22

Right Out: -187.508 $\pm$ 548.191 χ^2/NDF : 12.0/17

Left In: 77.822 $\pm$ 112.914 χ^2/NDF : 30.6/21

Left: 205.977 $\pm$ 80.589 χ^2/NDF : 81.0/44

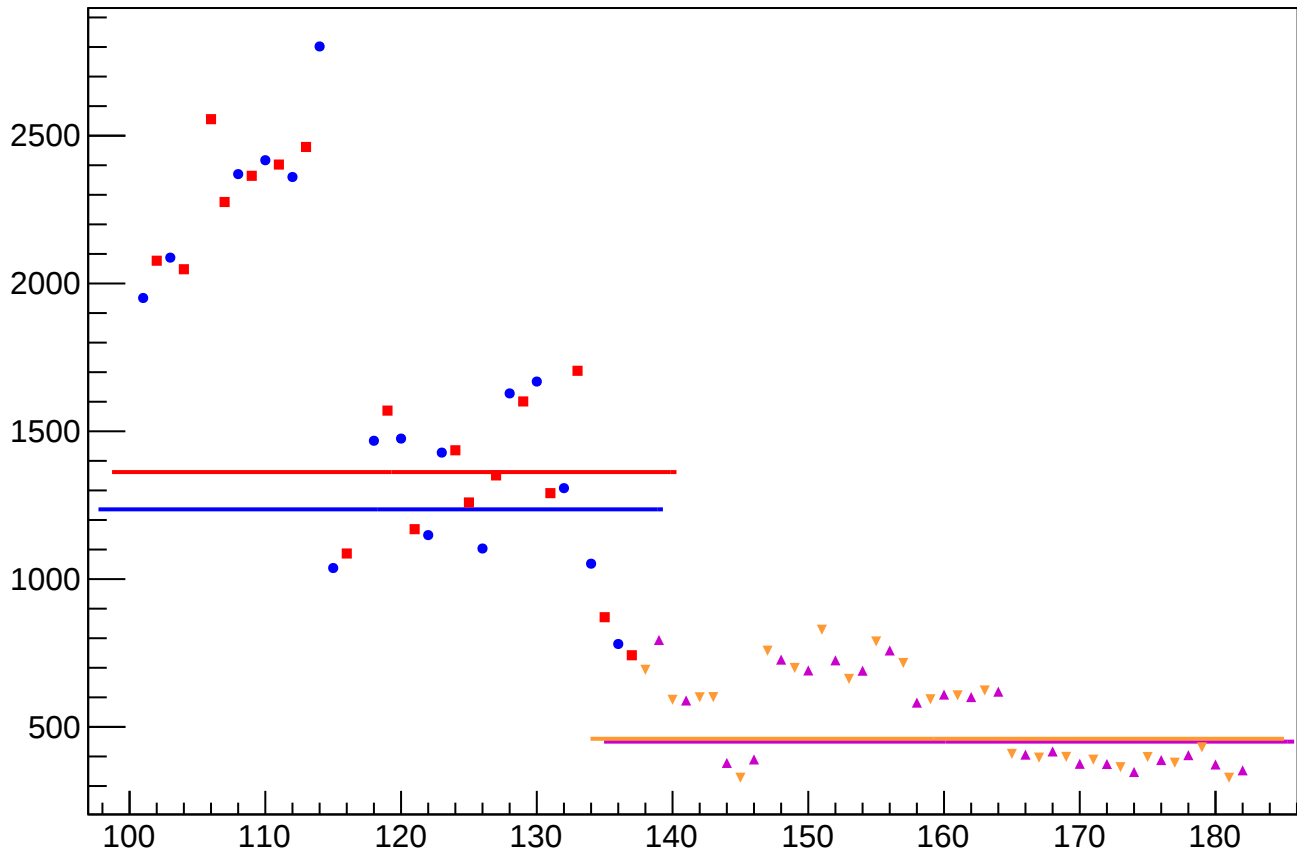
Right: 516.685 $\pm$ 374.869 χ^2/NDF : 32.9/34

In: 126.542 $\pm$ 110.282 χ^2/NDF : 52.4/38

Out: 316.824 $\pm$ 112.602 χ^2/NDF : 60.7/40

All: 219.702 $\pm$ 78.789 χ^2/NDF : 114.6/79

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 459.869 $\pm$ 0.081 χ^2 /NDF: 2890967.8/22

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 450.168 $\pm$ 0.080 χ^2 /NDF: 2540395.8/21

Left: 454.927 $\pm$ 0.057 χ^2 /NDF: 5438607.5/44

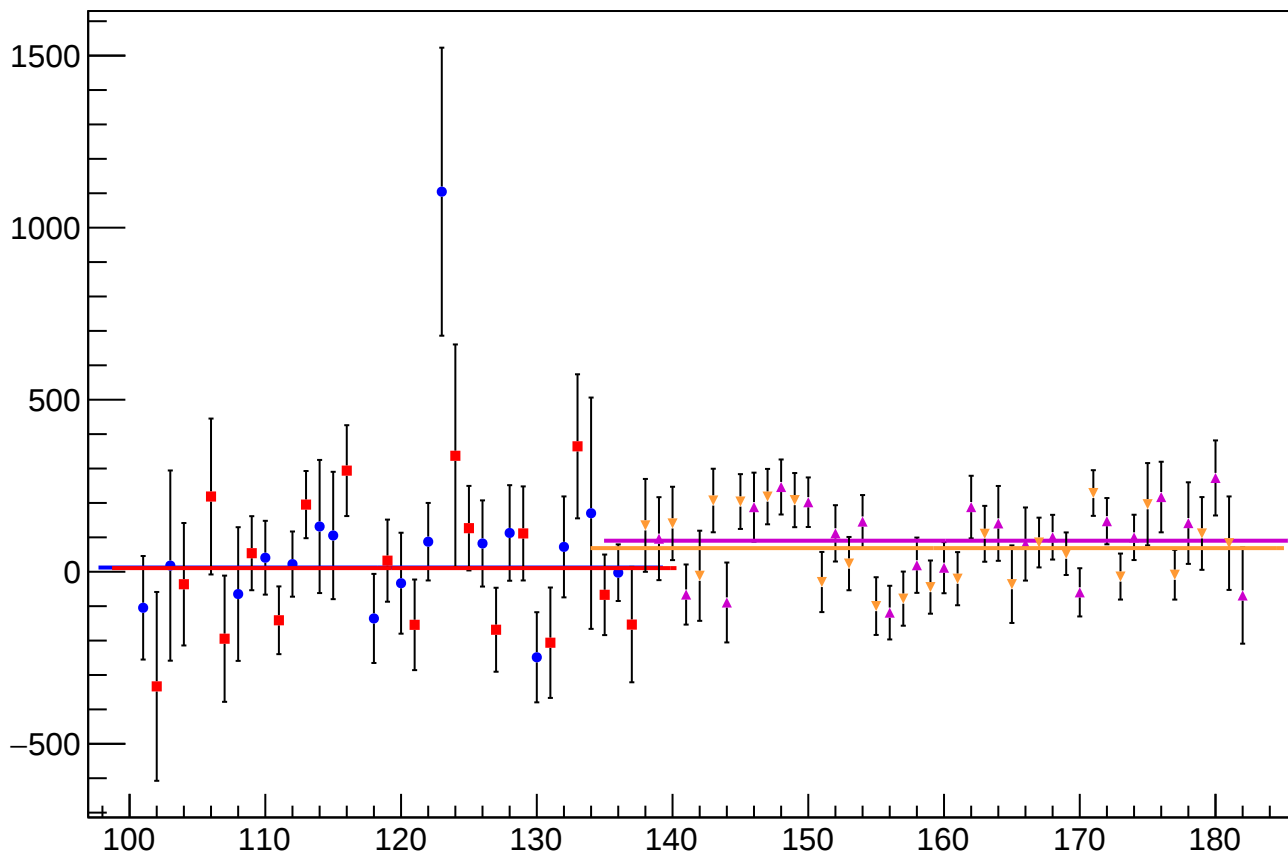
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 486.372 $\pm$ 0.078 χ^2 /NDF: 8748816.5/38

Out: 497.936 $\pm$ 0.080 χ^2 /NDF: 9789079.0/40

All: 492.034 $\pm$ 0.056 χ^2 /NDF: 18548661.5/79

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: 68.706 $\pm$ 17.494 χ^2 /NDF:36.5/22

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 90.258 $\pm$ 18.170 χ^2 /NDF:35.0/21

Left: 79.074 $\pm$ 12.602 χ^2 /NDF: 72.2/44

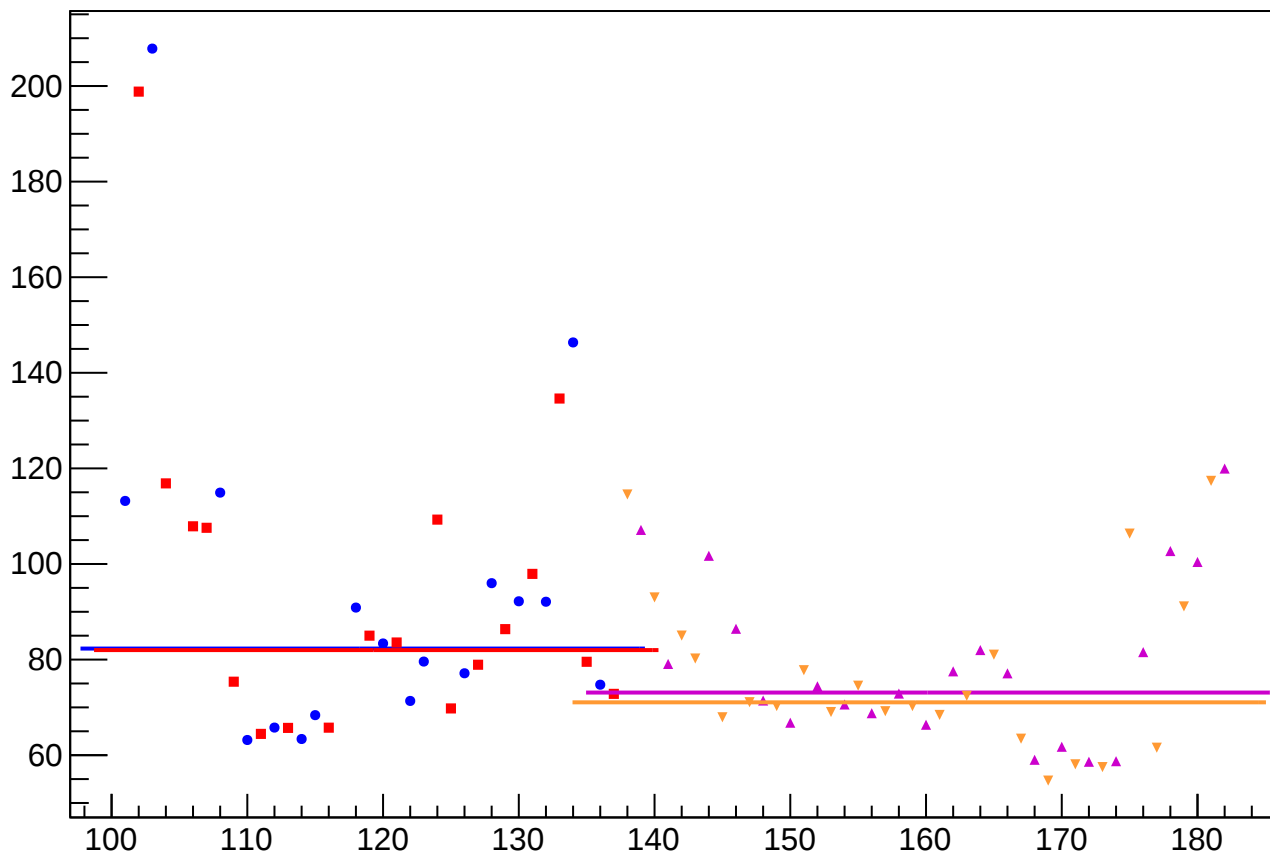
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 72.314 $\pm$ 15.942 χ^2 /NDF:54.6/38

Out: 55.716 $\pm$ 15.415 χ^2 /NDF:65.7/40

All: 63.736 $\pm$ 11.082 χ^2 /NDF: 120.8/79

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 71.056 $\pm$ 0.012 χ^2 /NDF: 1209132.9/22

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 73.102 $\pm$ 0.013 χ^2 /NDF: 1209663.4/21

Left: 72.040 $\pm$ 0.009 χ^2 /NDF: 2431957.5/44

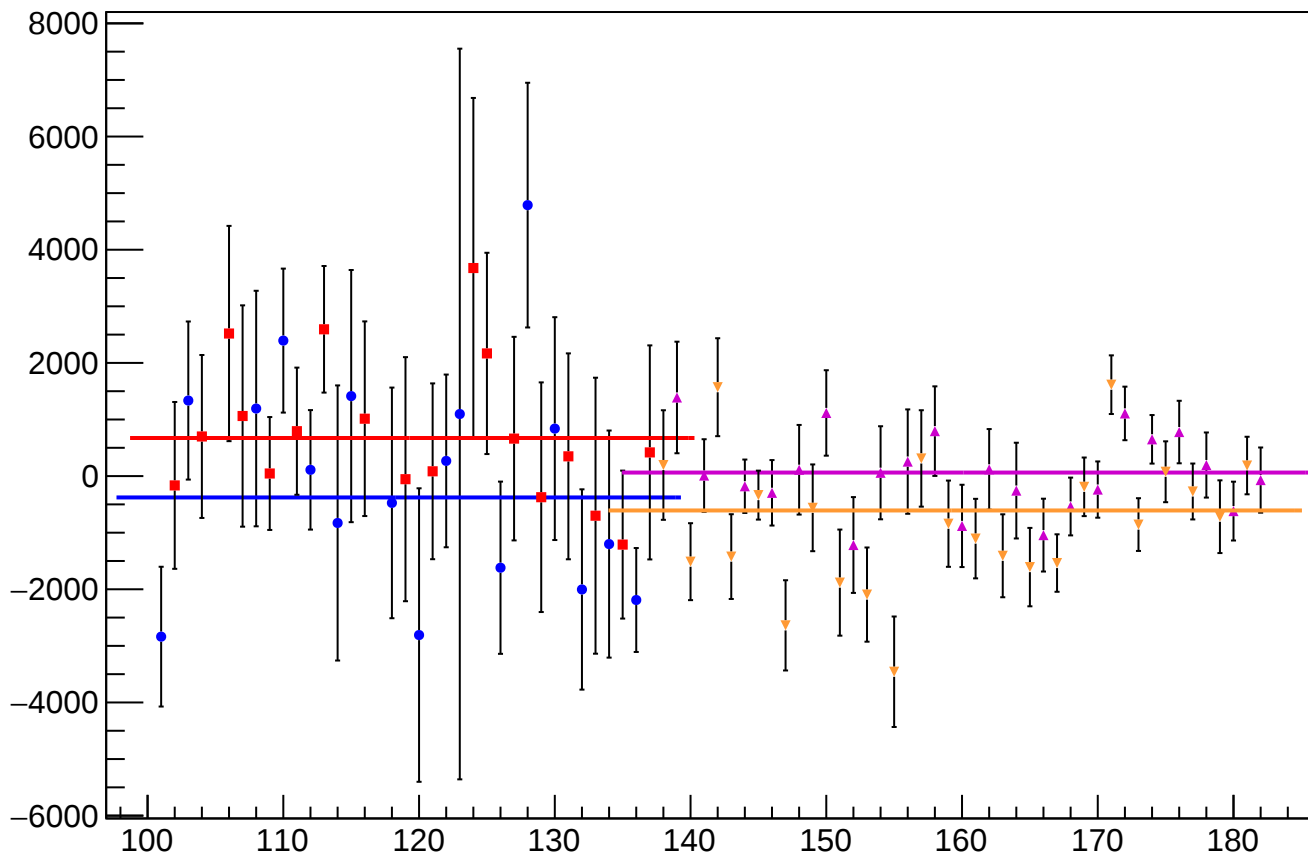
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 75.221 $\pm$ 0.011 χ^2 /NDF: 2196537.5/38

Out: 73.499 $\pm$ 0.011 χ^2 /NDF: 2236908.8/40

All: 74.331 $\pm$ 0.008 χ^2 /NDF: 4445496.8/79

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -607.235+/-131.931 χ^2/NDF : 62.7/22

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: 62.404+/-130.839 χ^2/NDF : 24.4/21

Left: -269.631+/-92.901 χ^2/NDF : 100.1/44

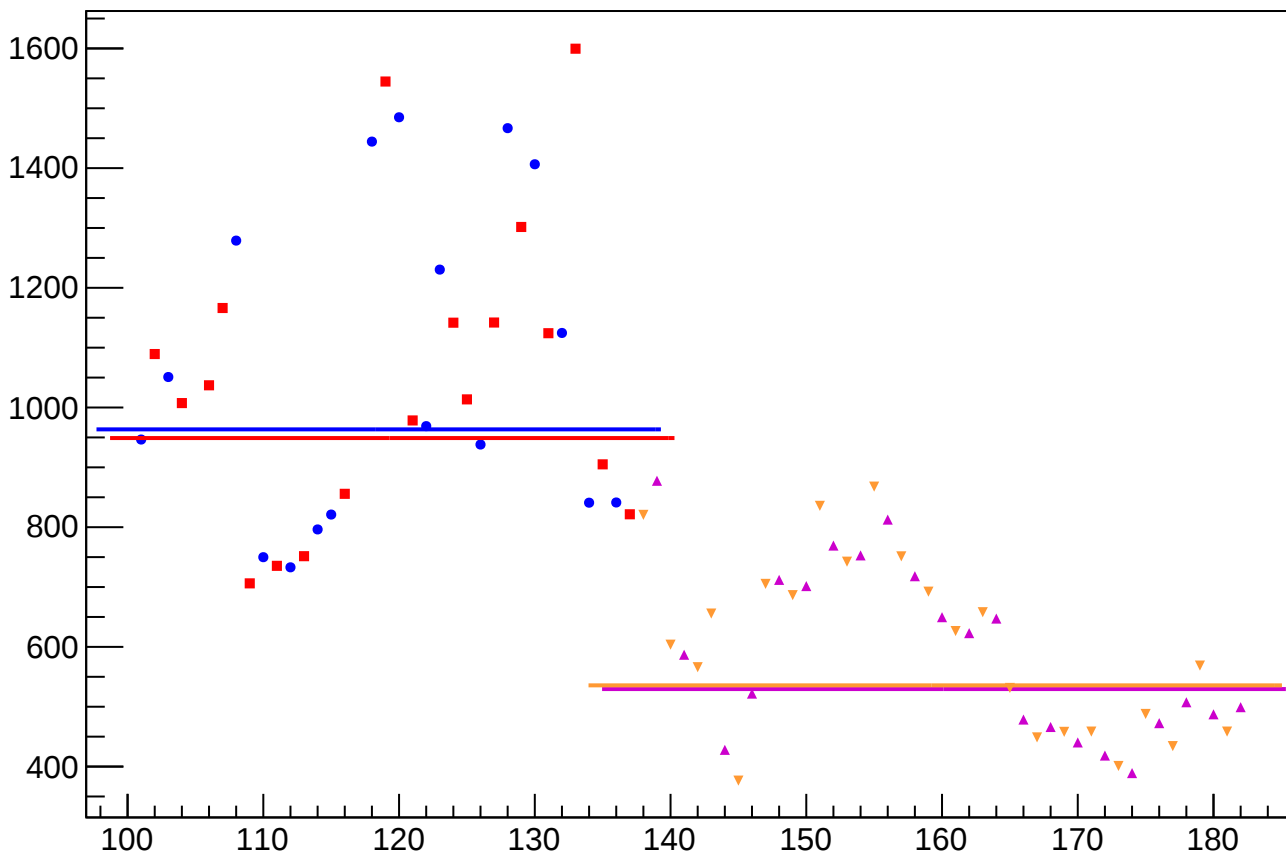
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: 16.642+/-123.844 χ^2/NDF : 50.0/38

Out: -461.843+/-124.215 χ^2/NDF : 82.8/40

All: -221.883+/-87.702 χ^2/NDF : 140.2/79

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 535.718+/-0.093 χ^2/NDF : 2013755.1/22

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 529.520+/-0.093 χ^2/NDF : 1781705.6/21

Left: 532.593+/-0.066 χ^2/NDF : 3797686.6/44

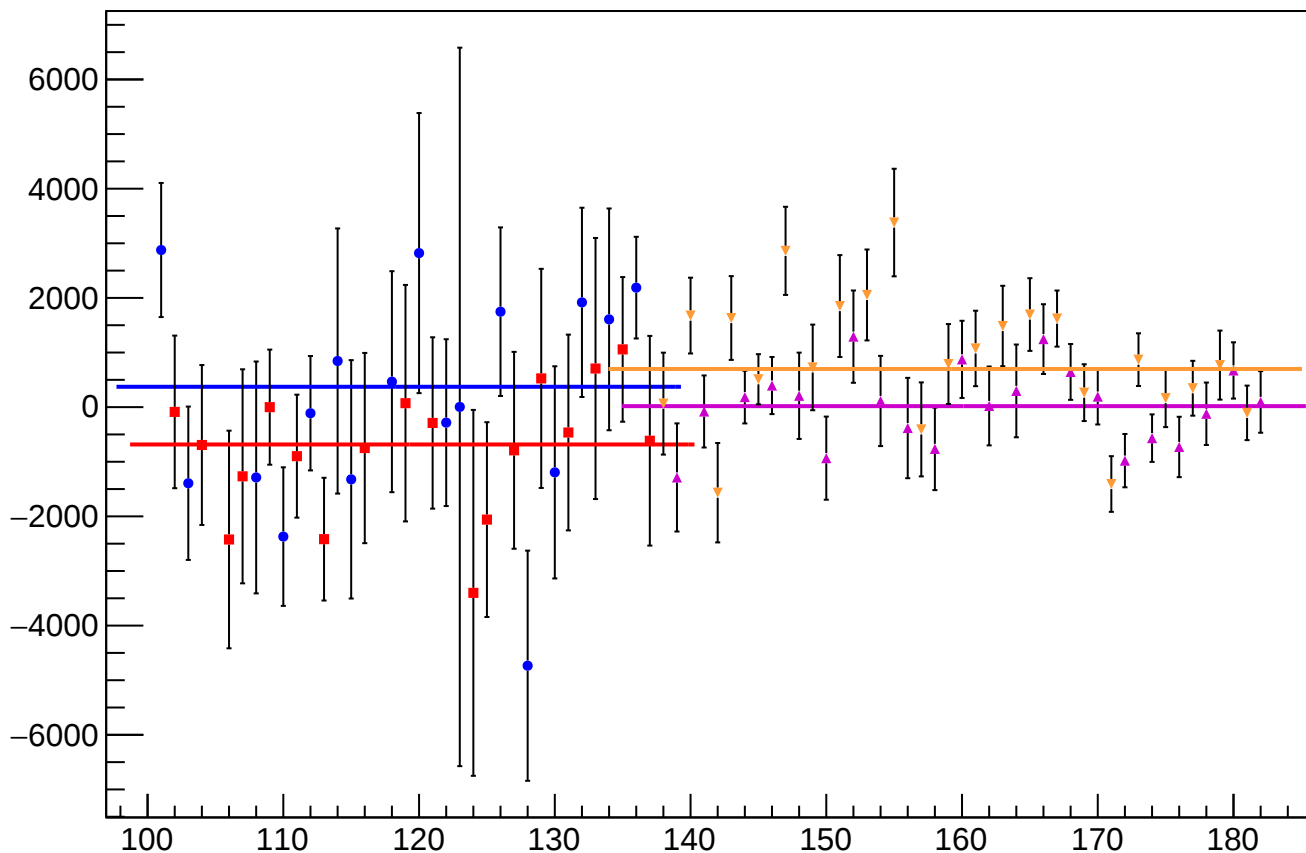
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 574.680+/-0.088 χ^2/NDF : 4760145.8/38

Out: 582.640+/-0.088 χ^2/NDF : 4971054.4/40

All: 578.648+/-0.062 χ^2/NDF : 9735319.4/79

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 699.067 $\pm$ 132.746 χ^2 /NDF: 59.6/22

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 18.313 $\pm$ 130.685 χ^2 /NDF: 24.0/21

Left: 353.363 $\pm$ 93.128 χ^2 /NDF: 97.0/44

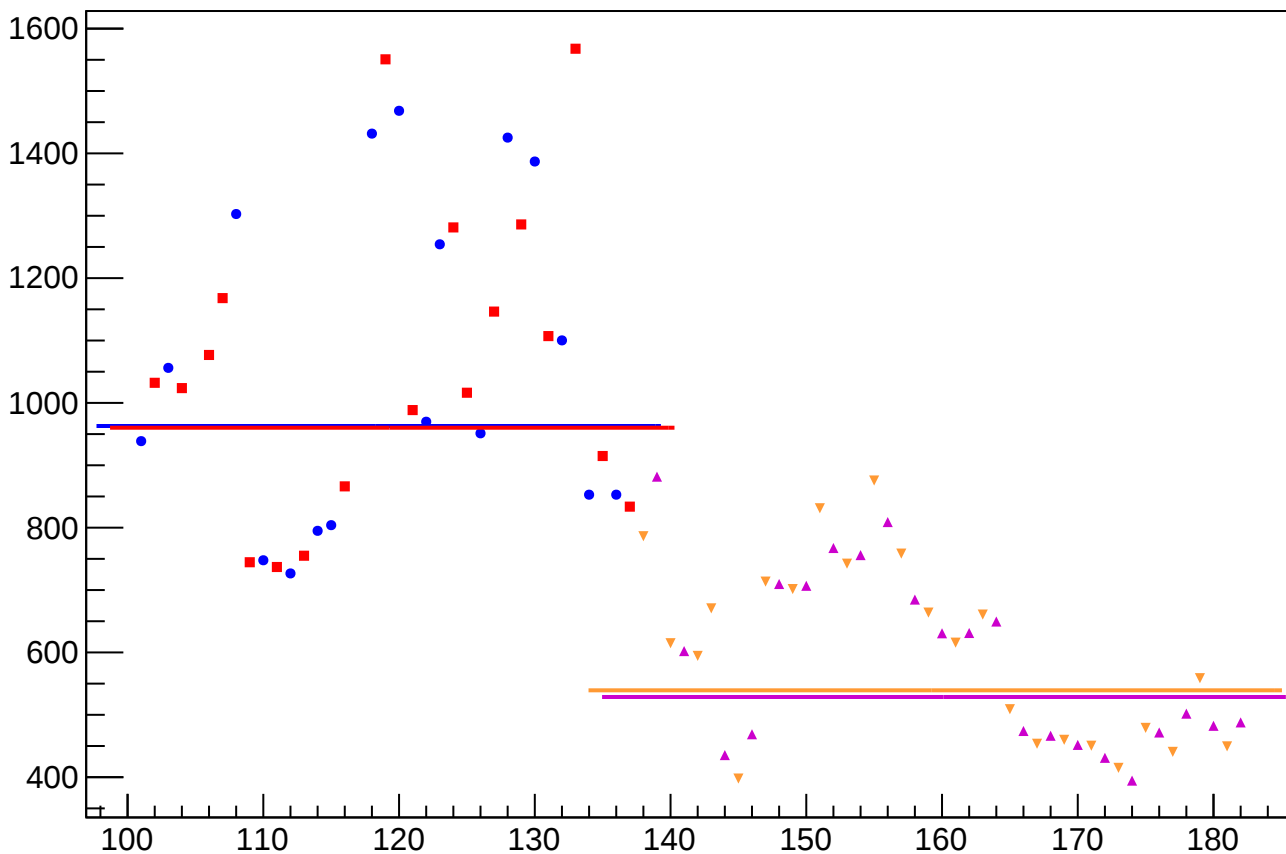
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 55.177 $\pm$ 123.705 χ^2 /NDF: 50.0/38

Out: 543.198 $\pm$ 125.040 χ^2 /NDF: 79.6/40

All: 296.568 $\pm$ 87.941 χ^2 /NDF: 137.3/79

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 539.253 $\pm$ 0.094 χ^2 /NDF:1882757.2/22

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 528.558 $\pm$ 0.092 χ^2 /NDF:1711990.3/21

Left: 533.822 $\pm$ 0.066 χ^2 /NDF: 3601339.4/44

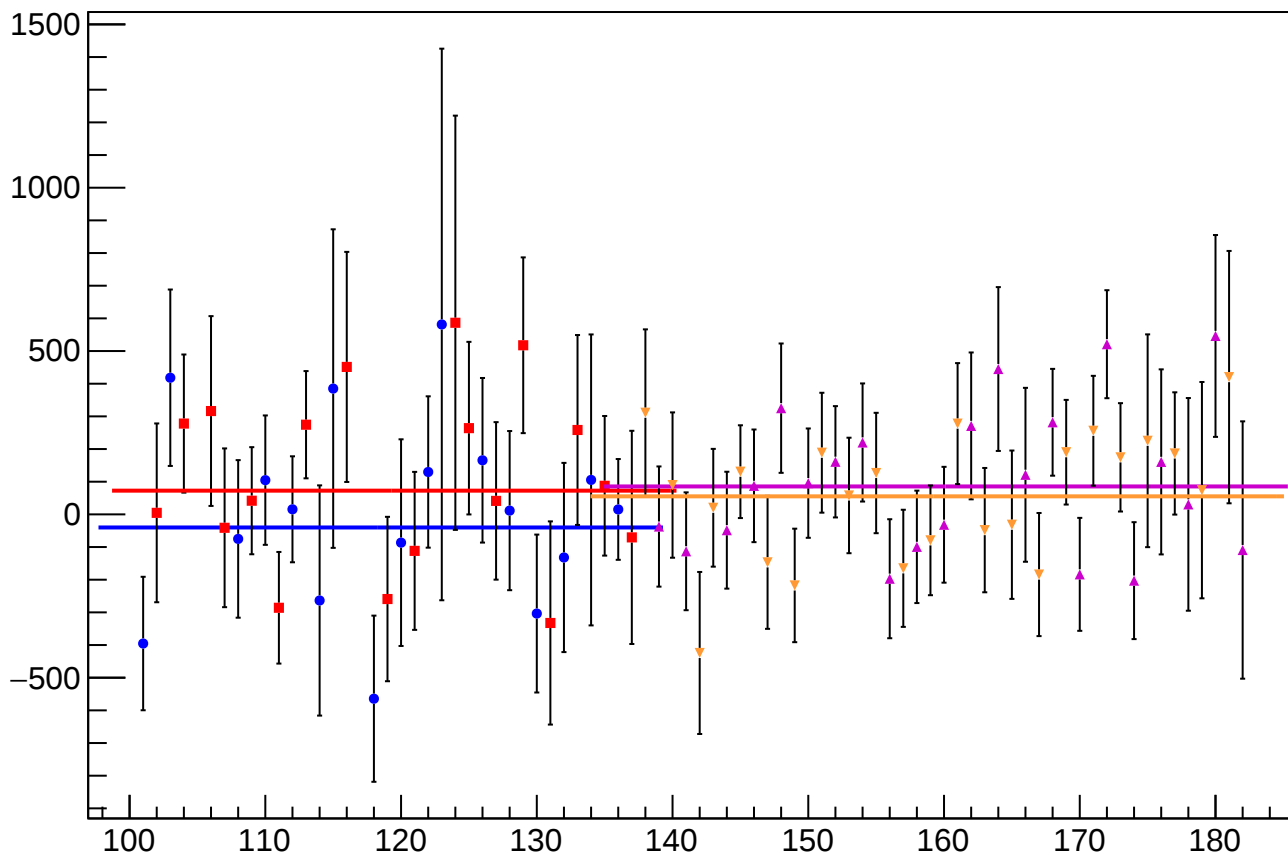
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 573.721 $\pm$ 0.087 χ^2 /NDF:4677054.0/38

Out: 586.708 $\pm$ 0.088 χ^2 /NDF:4821107.8/40

All: 580.145 $\pm$ 0.062 χ^2 /NDF: 9509064.8/79

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 55.186 ± 40.293 $\chi^2/\text{NDF}: 19.2/22$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 85.497 ± 41.723 $\chi^2/\text{NDF}: 27.2/21$

Left: 69.813 ± 28.984 $\chi^2/\text{NDF}: 46.6/44$

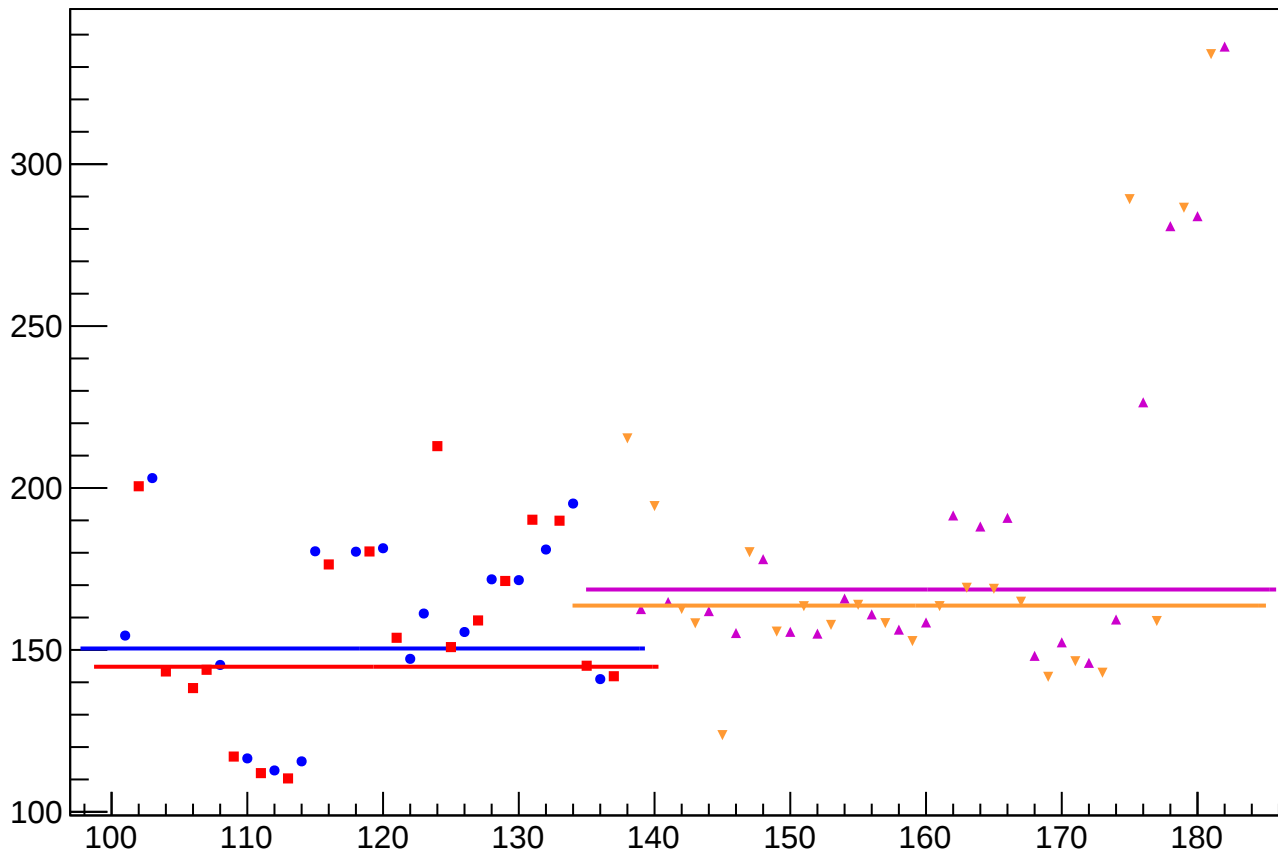
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 43.860 ± 34.115 $\chi^2/\text{NDF}: 45.5/38$

Out: 61.085 ± 32.769 $\chi^2/\text{NDF}: 36.8/40$

All: 52.819 ± 23.633 $\chi^2/\text{NDF}: 82.5/79$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 163.691 $\pm$ 0.028 χ^2 /NDF:1365467.6/22

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 168.654 $\pm$ 0.030 χ^2 /NDF:1168694.1/21

Left: 166.086 $\pm$ 0.020 χ^2 /NDF: 2548803.8/44

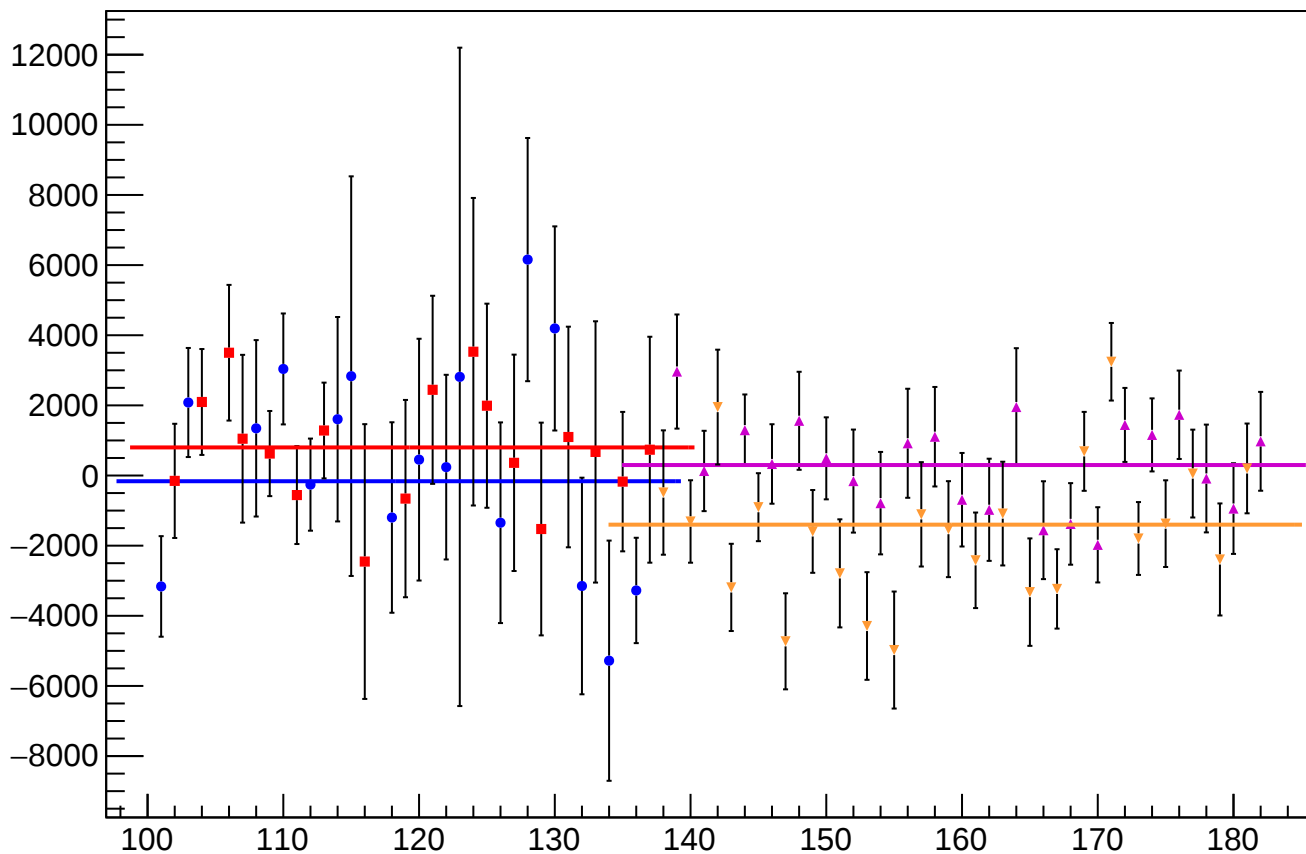
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 162.618 $\pm$ 0.024 χ^2 /NDF:1695126.3/38

Out: 157.297 $\pm$ 0.023 χ^2 /NDF:2018084.6/40

All: 159.850 $\pm$ 0.017 χ^2 /NDF: 3738514.1/79

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2/NDF : 25.1/16

Left Out: -1401.031 $\pm$ 271.182 χ^2/NDF : 51.1/22

Right Out: 801.139 $\pm$ 486.610 χ^2/NDF : 6.9/17

Left In: 298.908 $\pm$ 272.603 χ^2/NDF : 20.6/21

Left: -555.502 $\pm$ 192.255 χ^2/NDF : 91.3/44

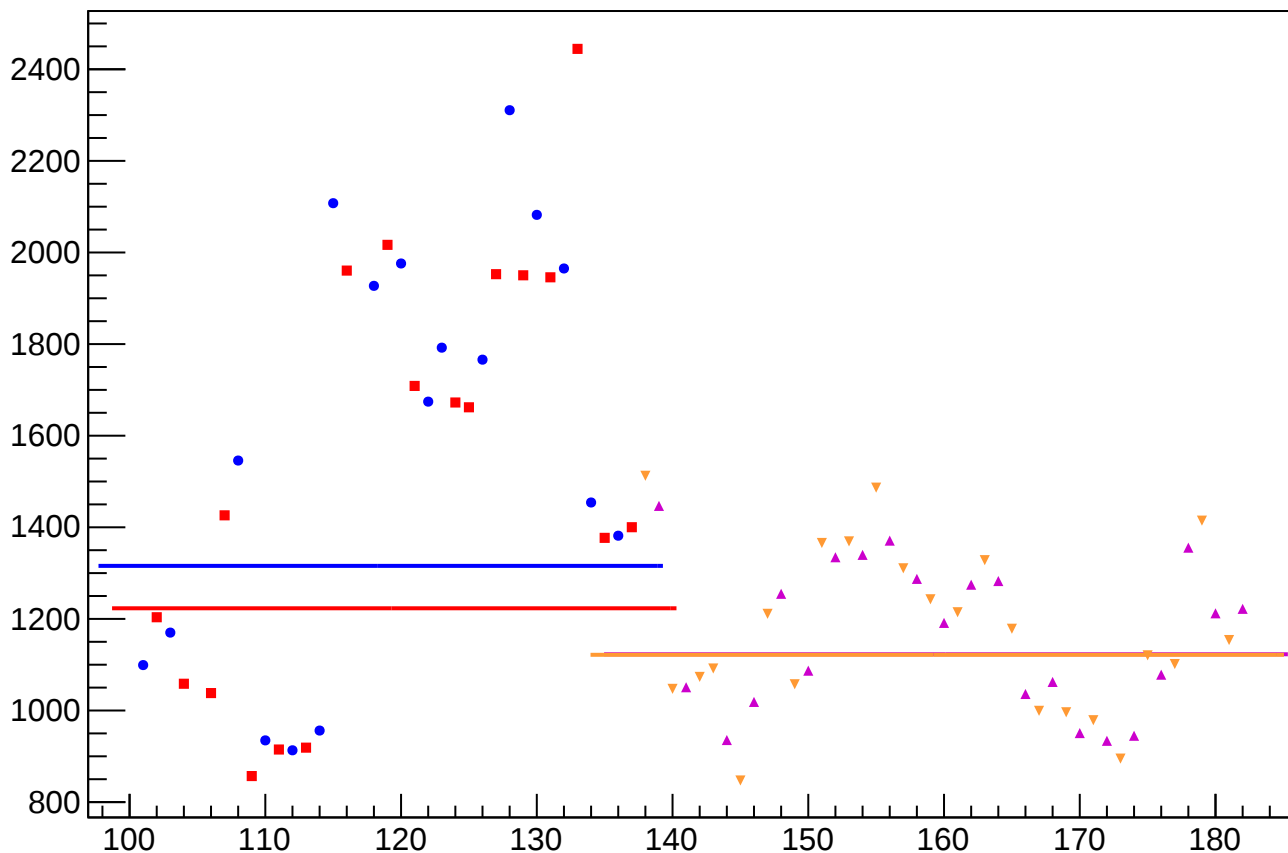
Right: 363.081 $\pm$ 359.419 χ^2/NDF : 33.7/34

In: 203.221 $\pm$ 242.717 χ^2/NDF : 46.3/38

Out: -879.175 $\pm$ 236.881 χ^2/NDF : 73.6/40

All: -351.146 $\pm$ 169.526 χ^2/NDF : 130.1/79

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1121.631 $\pm$ 0.192 χ^2 /NDF: 825645.9/22

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1122.787 $\pm$ 0.193 χ^2 /NDF: 655203.5/21

Left: 1122.206 $\pm$ 0.136 χ^2 /NDF: 1480867.4/44

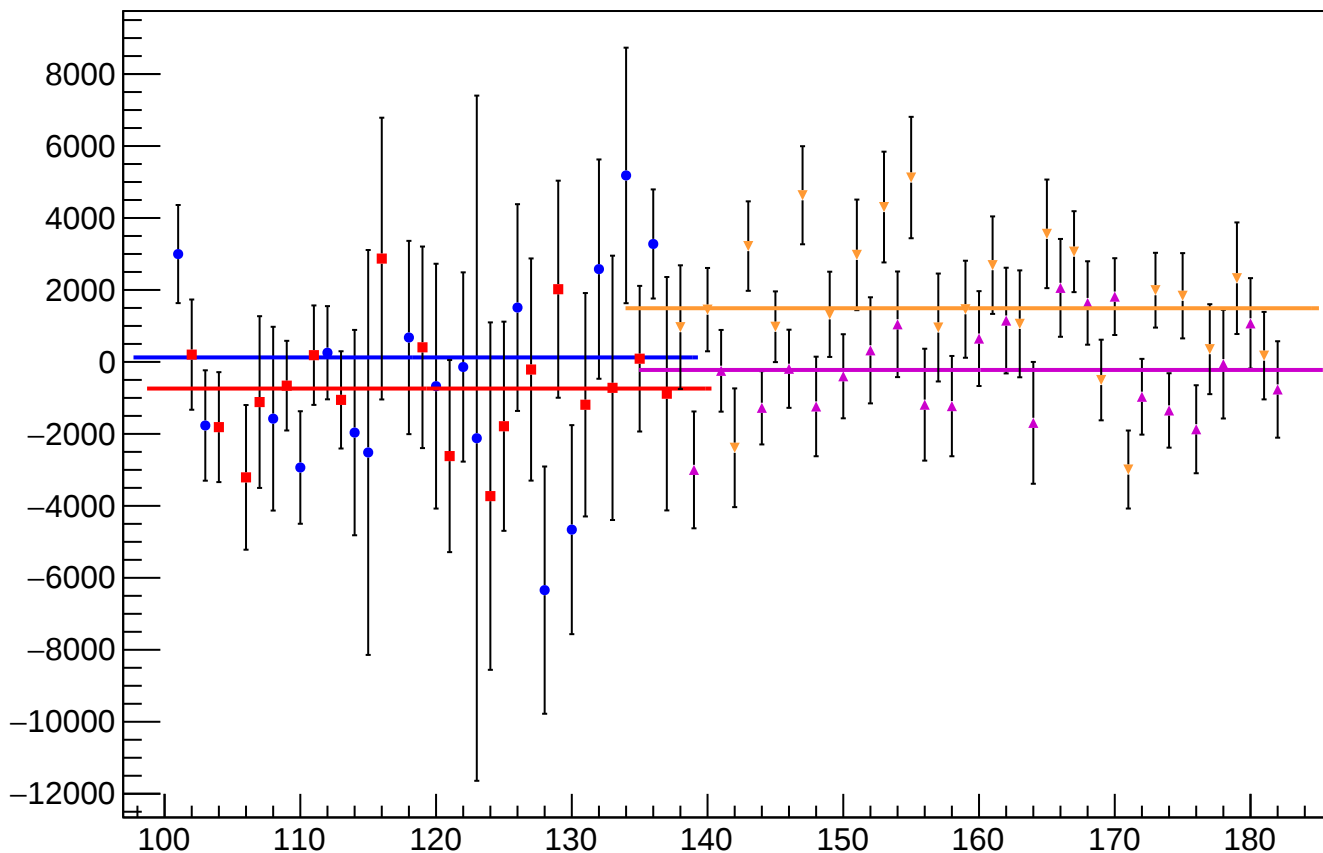
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1162.784 $\pm$ 0.172 χ^2 /NDF: 1981305.5/38

Out: 1145.695 $\pm$ 0.168 χ^2 /NDF: 2255158.6/40

All: 1154.032 $\pm$ 0.120 χ^2 /NDF: 4241541.6/79

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1492.130 $\pm$ 268.958 χ^2 /NDF: 49.8/22

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -223.108 $\pm$ 269.563 χ^2 /NDF: 22.2/21

Left: 636.439 $\pm$ 190.395 χ^2 /NDF: 92.2/44

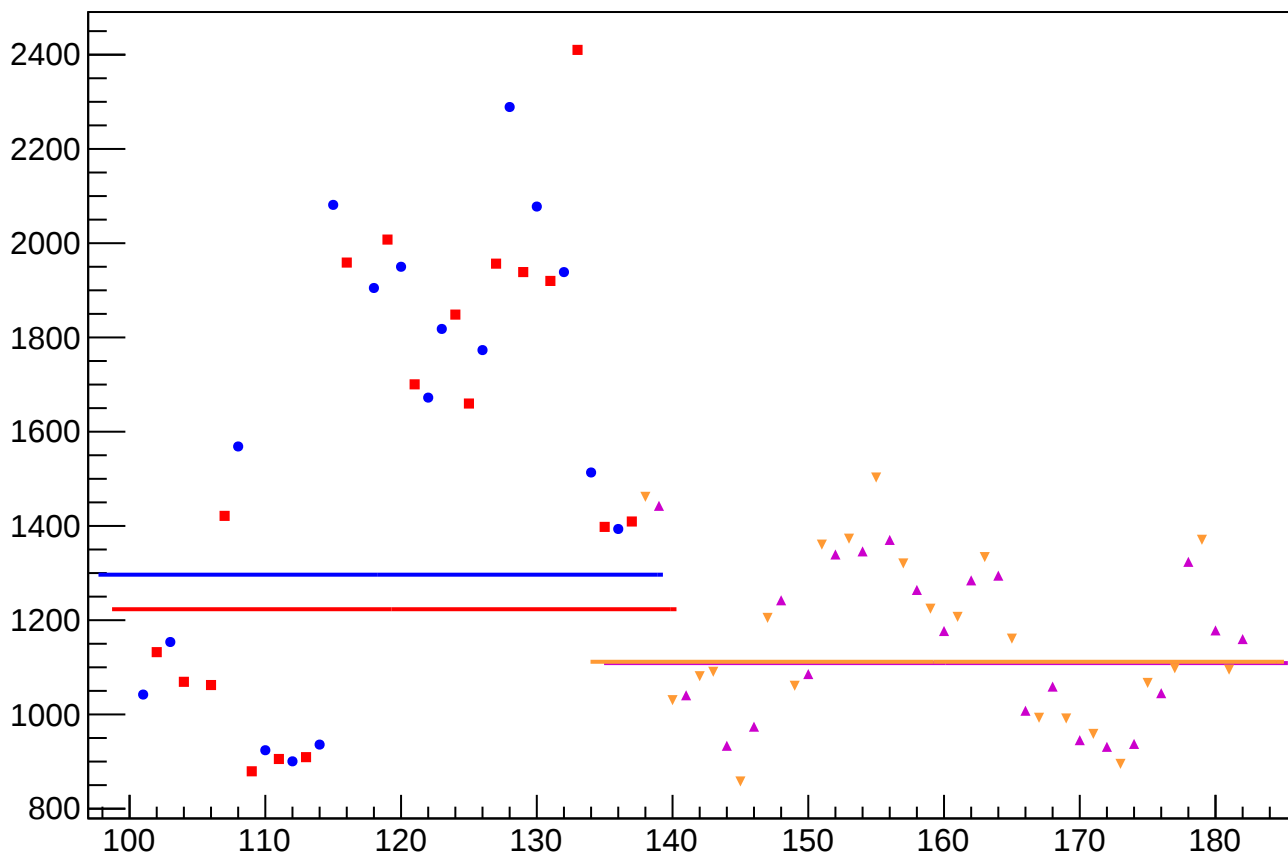
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -150.797 $\pm$ 239.971 χ^2 /NDF: 47.2/38

Out: 970.130 $\pm$ 235.417 χ^2 /NDF: 71.9/40

All: 420.405 $\pm$ 168.052 χ^2 /NDF: 130.2/79

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1111.779 $\pm$ 0.190 χ^2 /NDF: 799018.7/22

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1108.951 $\pm$ 0.191 χ^2 /NDF: 670420.0/21

Left: 1110.368 $\pm$ 0.135 χ^2 /NDF: 1469549.0/44

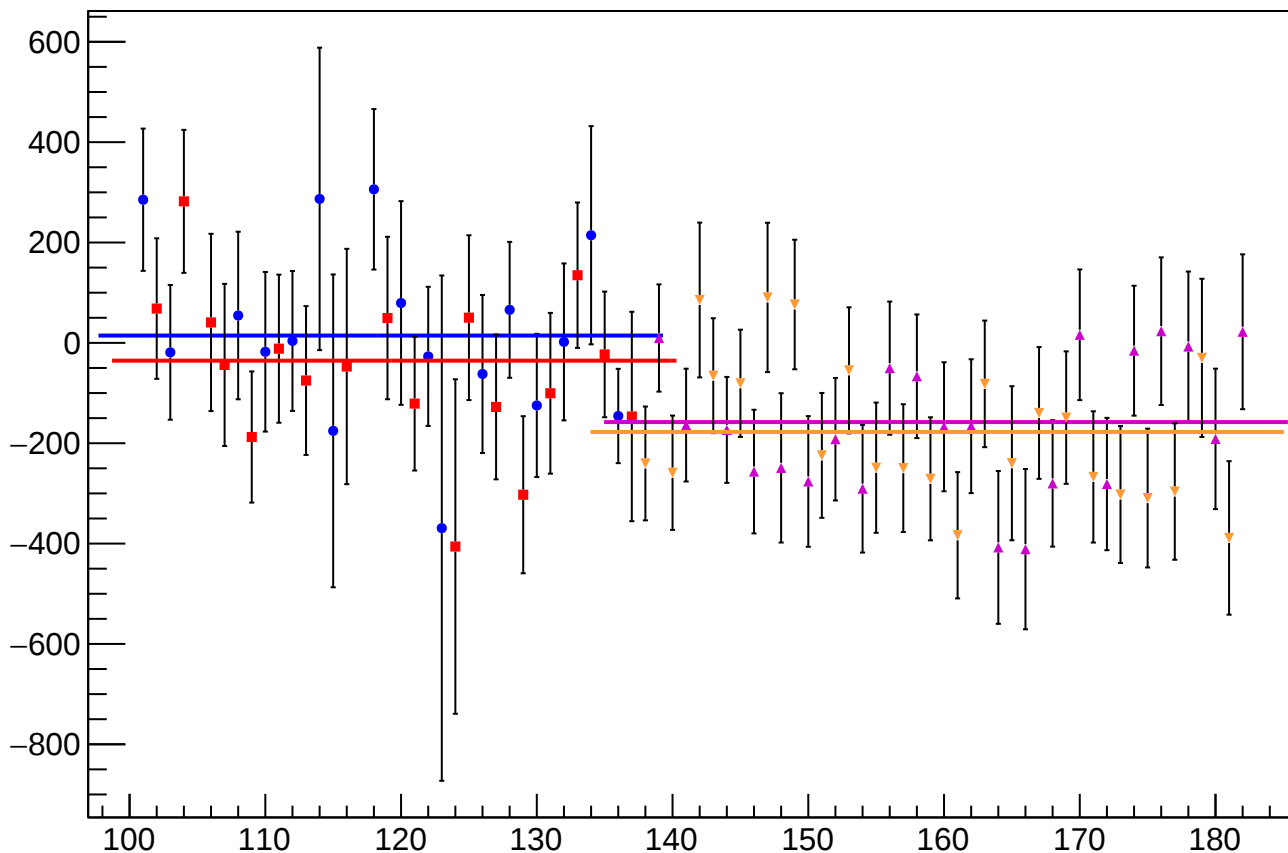
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1147.884 $\pm$ 0.170 χ^2 /NDF: 2046934.0/38

Out: 1137.854 $\pm$ 0.166 χ^2 /NDF: 2226085.6/40

All: 1142.772 $\pm$ 0.119 χ^2 /NDF: 4274800.0/79

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -177.497 ± 27.050 $\chi^2/\text{NDF}: 24.2/22$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -157.837 ± 27.732 $\chi^2/\text{NDF}: 20.7/21$

Left: -167.912 ± 19.364 $\chi^2/\text{NDF}: 45.2/44$

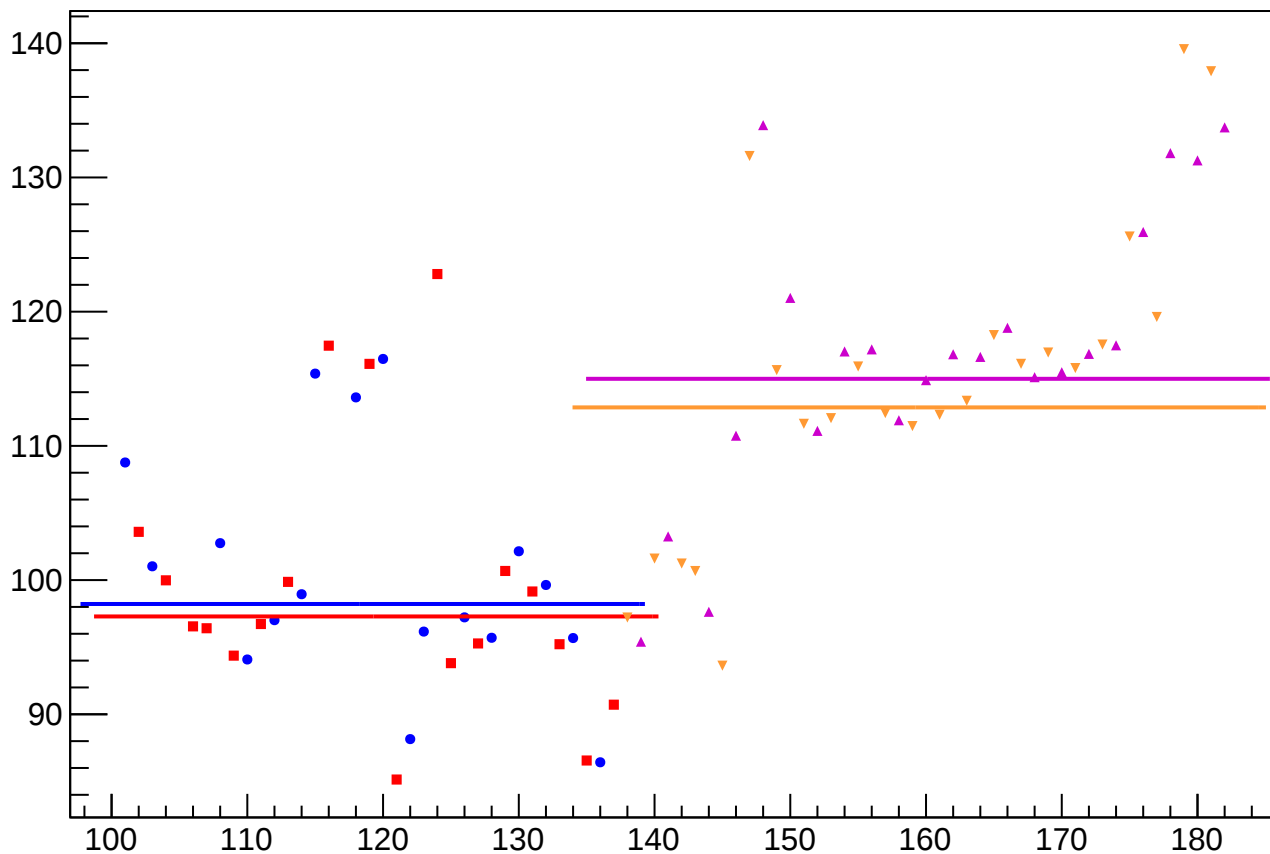
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -97.955 ± 22.405 $\chi^2/\text{NDF}: 48.3/38$

Out: -127.552 ± 21.780 $\chi^2/\text{NDF}: 48.4/40$

All: -113.172 ± 15.617 $\chi^2/\text{NDF}: 97.6/79$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 112.867+/-0.019 χ^2/NDF : 332679.6/22

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 114.997+/-0.020 χ^2/NDF : 282197.4/21

Left: 113.905+/-0.014 χ^2/NDF : 620925.3/44

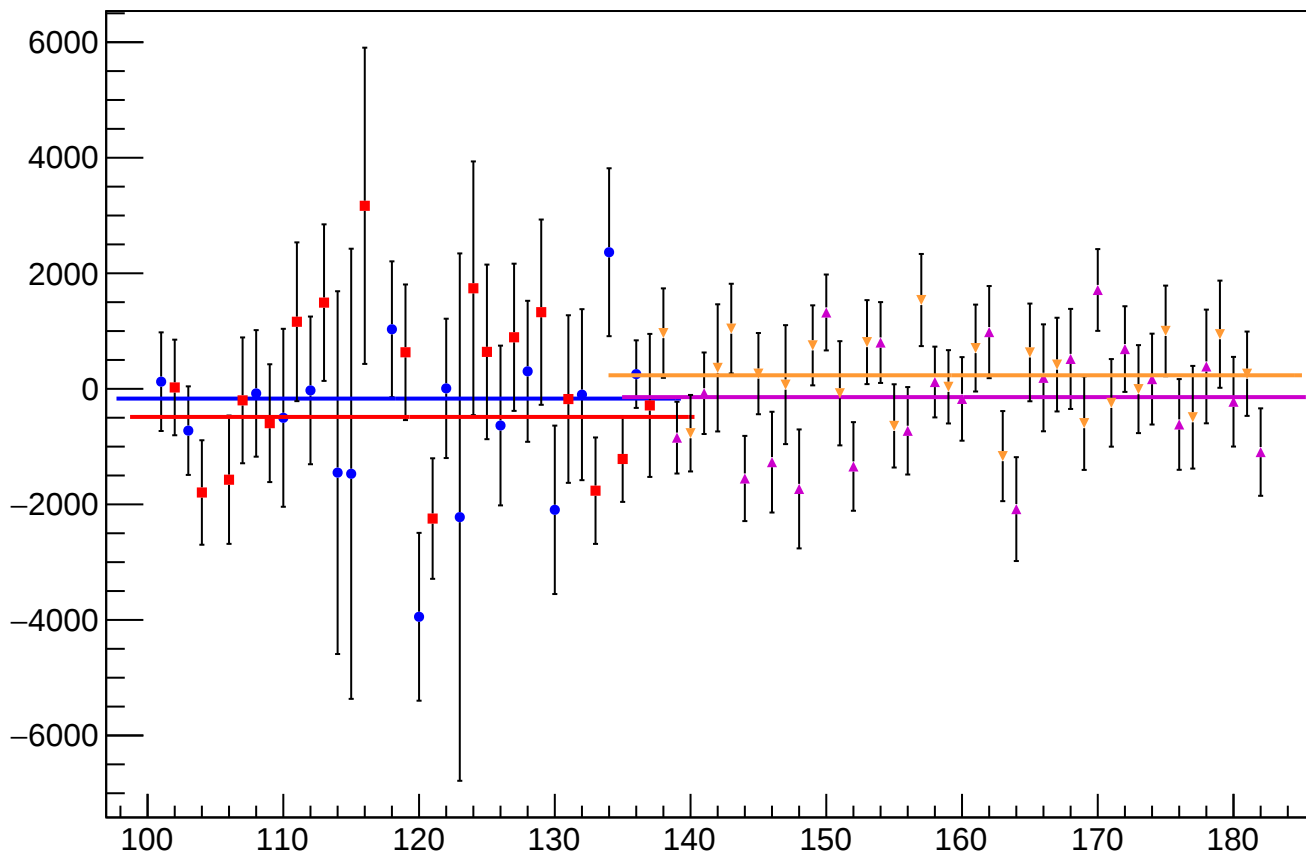
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 109.170+/-0.016 χ^2/NDF : 636960.6/38

Out: 107.389+/-0.015 χ^2/NDF : 662113.4/40

All: 108.254+/-0.011 χ^2/NDF : 1305570.6/79

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 234.591 $\pm$ 162.560 χ^2 /NDF:17.5/22

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -143.274 $\pm$ 162.467 χ^2 /NDF:36.9/21

Left: 45.550 $\pm$ 114.914 χ^2 /NDF: 57.1/44

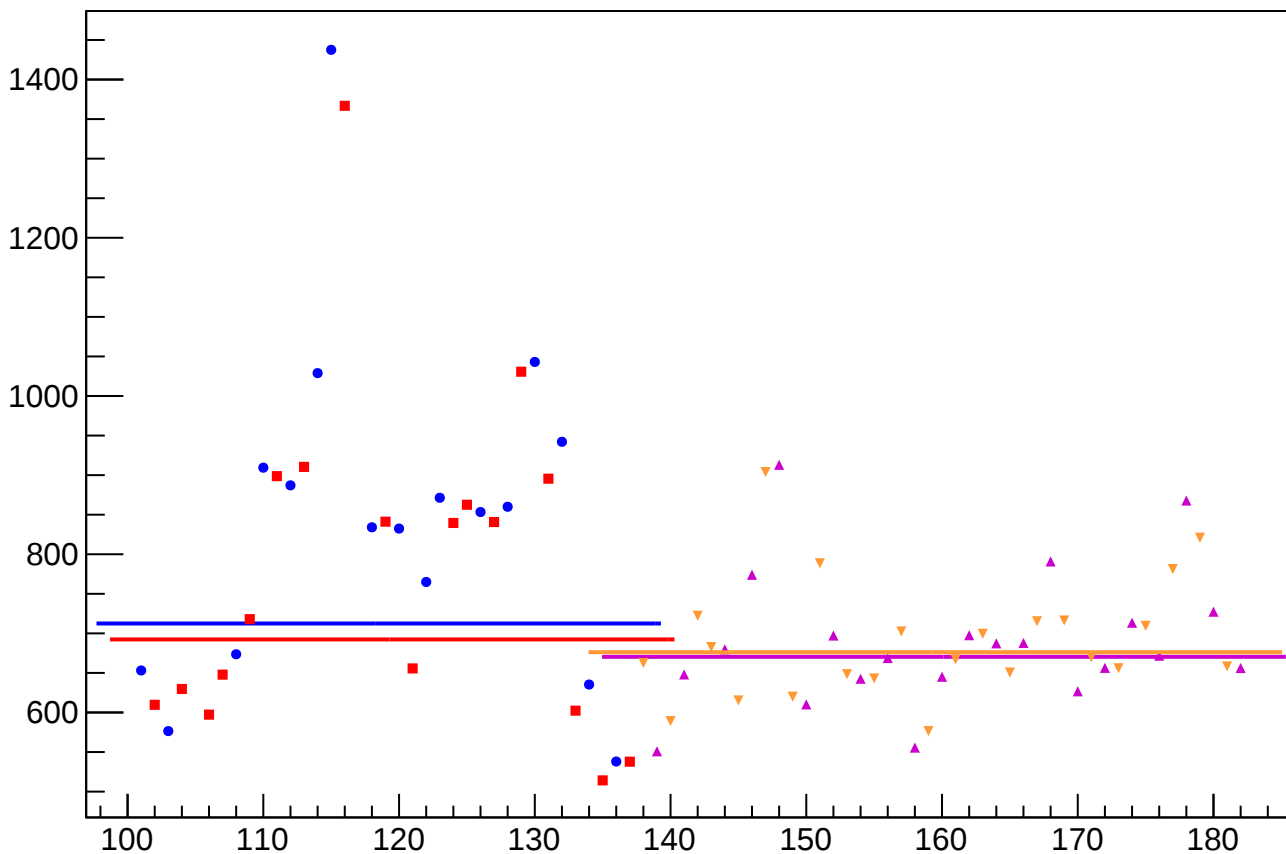
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -149.630 $\pm$ 140.797 χ^2 /NDF:51.5/38

Out: 40.703 $\pm$ 138.991 χ^2 /NDF:42.4/40

All: -53.235 $\pm$ 98.914 χ^2 /NDF: 94.8/79

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 676.194 $\pm$ 0.115 χ^2 /NDF: 351031.2/22

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 670.368 $\pm$ 0.115 χ^2 /NDF: 459494.0/21

Left: 673.279 $\pm$ 0.081 χ^2 /NDF: 811810.2/44

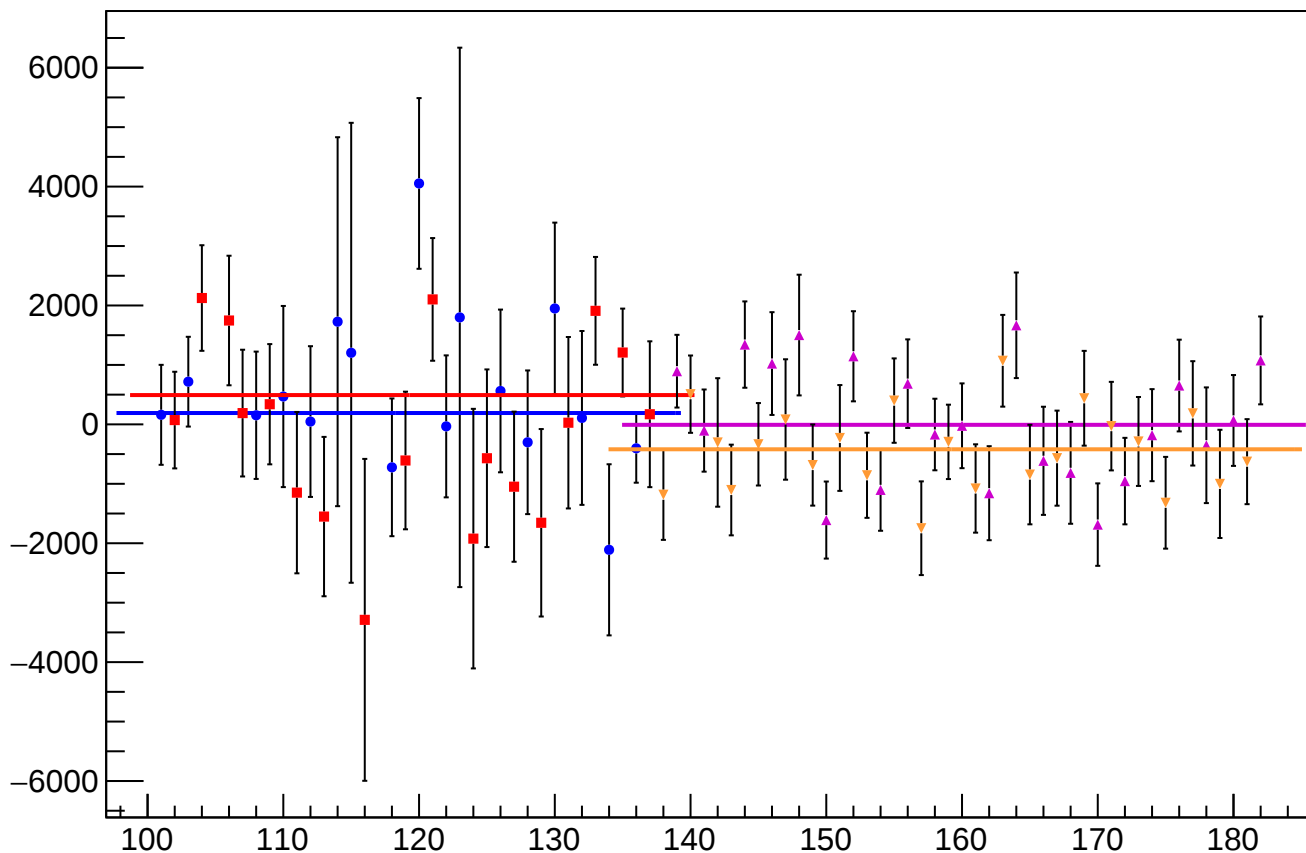
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 680.852 $\pm$ 0.100 χ^2 /NDF: 1153461.9/38

Out: 680.537 $\pm$ 0.098 χ^2 /NDF: 1013292.3/40

All: 680.692 $\pm$ 0.070 χ^2 /NDF: 2166759.2/79

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -419.354 $\pm$ 160.110 χ^2/NDF : 17.5/22

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -7.885 $\pm$ 159.966 χ^2/NDF : 38.8/21

Left: -213.434 $\pm$ 113.164 χ^2/NDF : 59.6/44

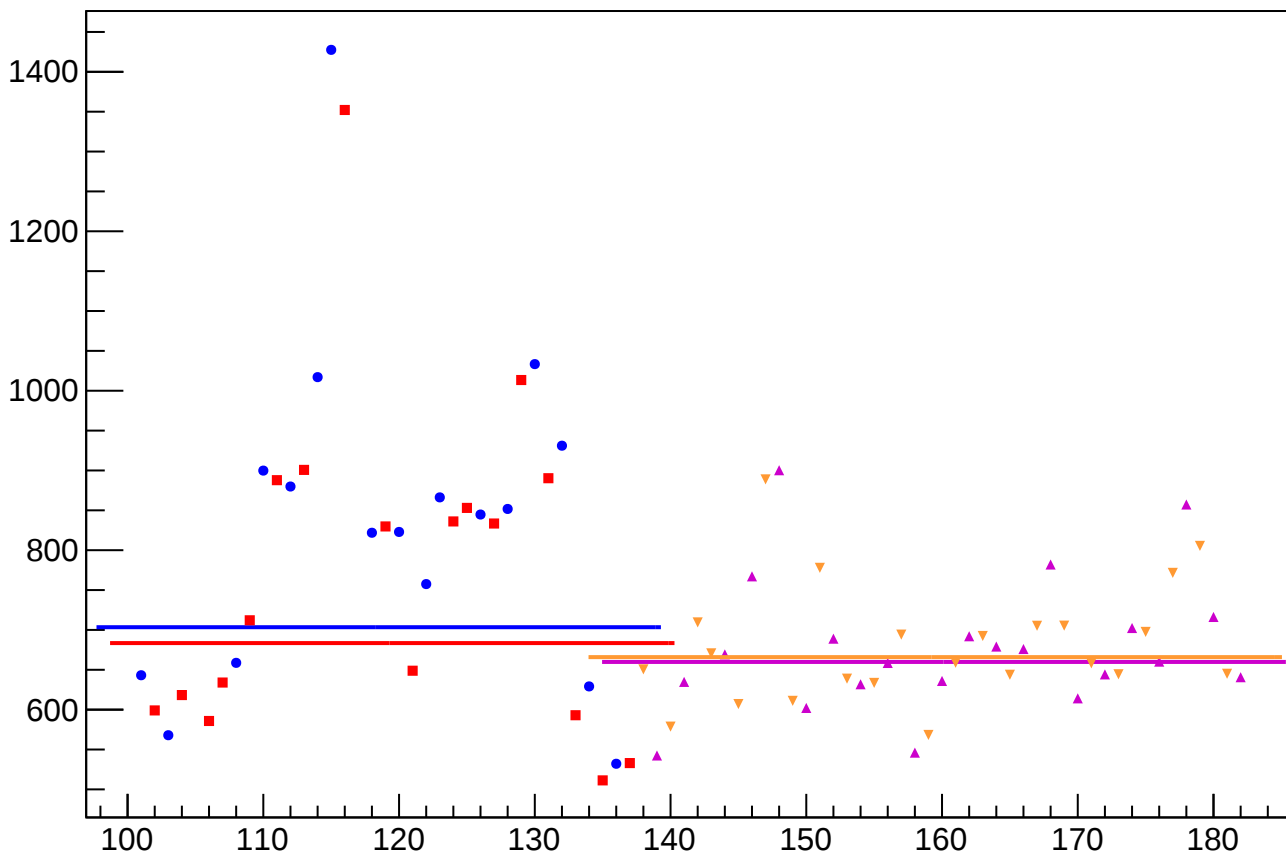
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 41.378 $\pm$ 138.733 χ^2/NDF : 53.4/38

Out: -174.927 $\pm$ 136.988 χ^2/NDF : 49.0/40

All: -68.143 $\pm$ 97.476 χ^2/NDF : 103.6/79

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 665.882 $\pm$ 0.113 χ^2 /NDF: 350716.1/22

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 659.840 $\pm$ 0.113 χ^2 /NDF: 471155.7/21

Left: 662.858 $\pm$ 0.080 χ^2 /NDF: 823297.4/44

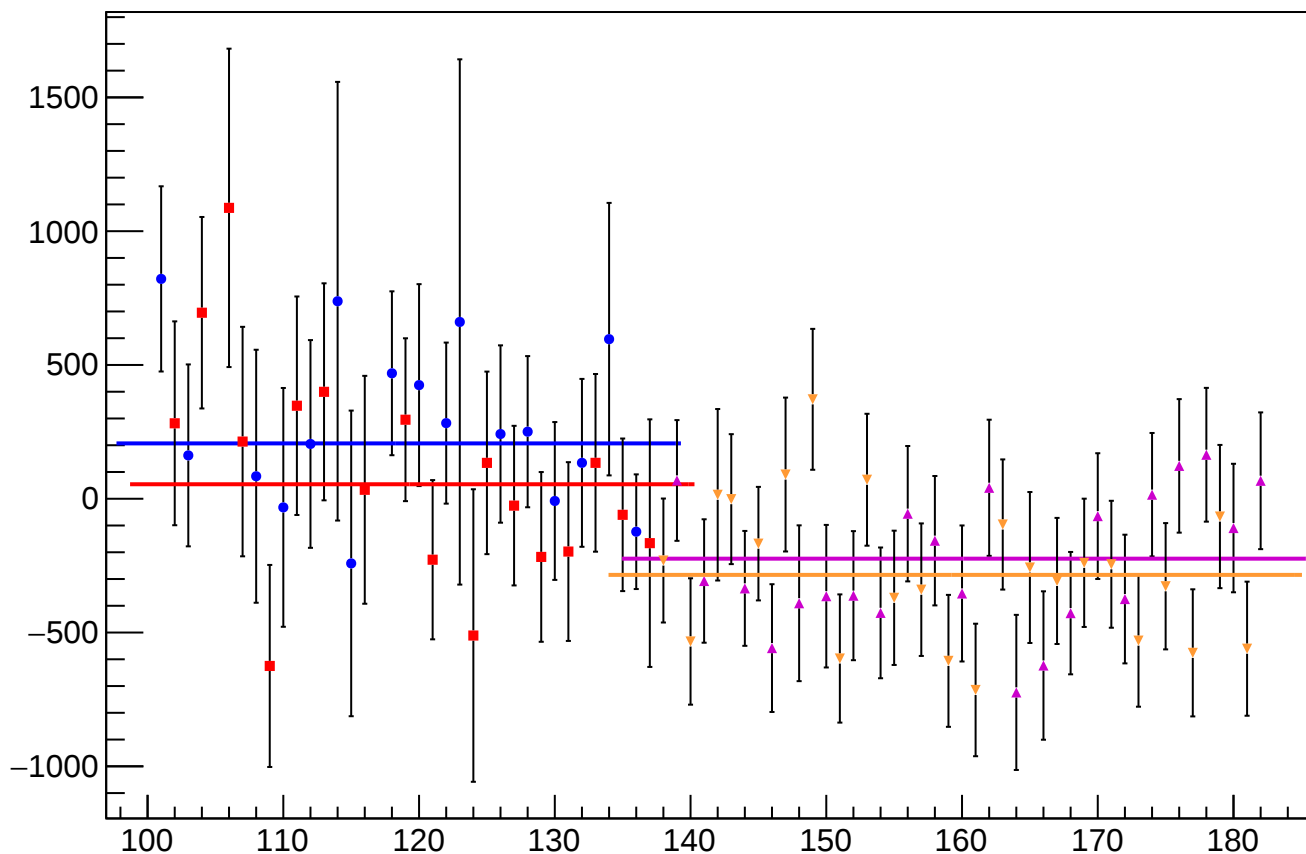
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 670.637 $\pm$ 0.098 χ^2 /NDF: 1174808.8/38

Out: 670.601 $\pm$ 0.097 χ^2 /NDF: 1016556.0/40

All: 670.619 $\pm$ 0.069 χ^2 /NDF: 2191364.9/79

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2/NDF : 9.5/16

Left Out: -284.532 $\pm$ 51.611 χ^2/NDF :25.4/22

Right Out: 54.185 $\pm$ 85.192 χ^2/NDF : 15.7/17

Left In: -223.931 $\pm$ 52.407 χ^2/NDF :21.2/21

Left: -254.695 $\pm$ 36.773 χ^2/NDF : 47.2/44

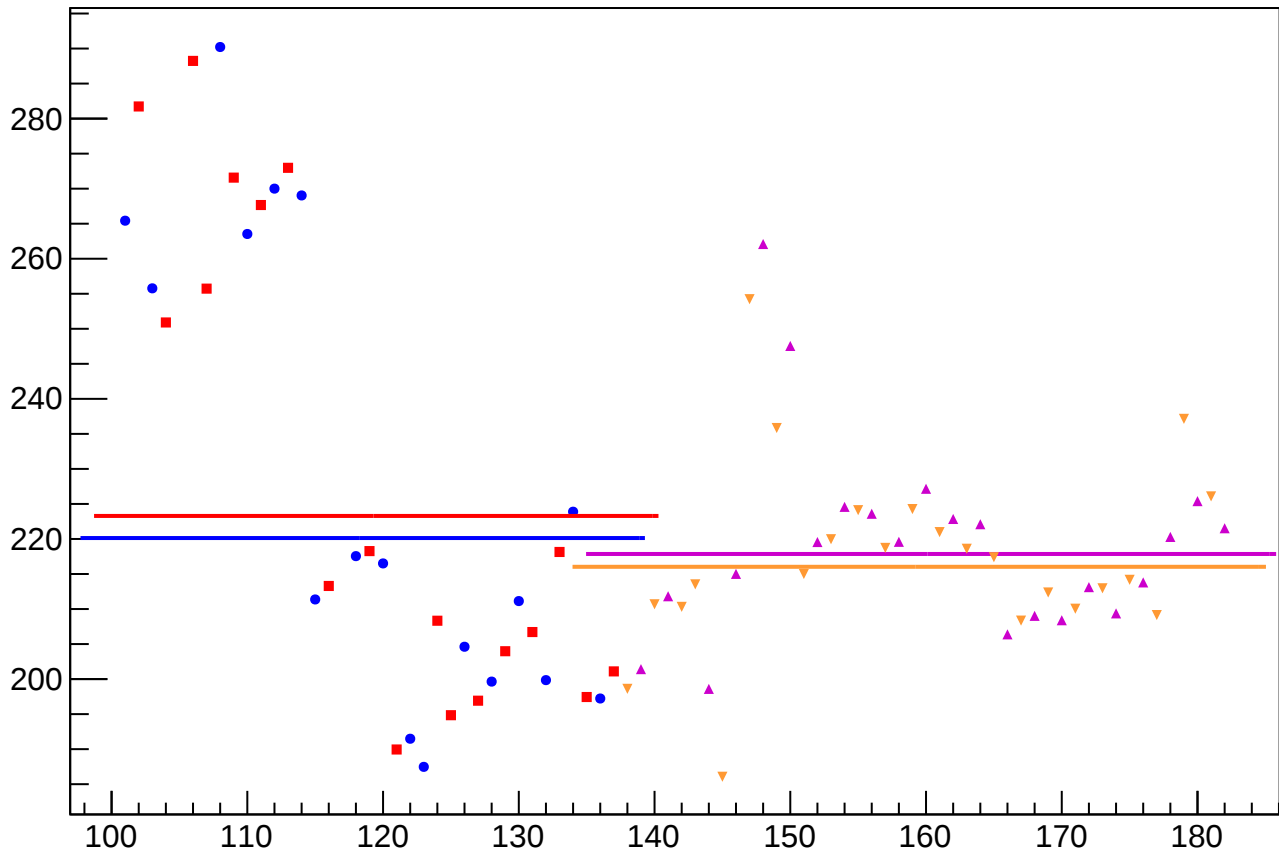
Right: 130.137 $\pm$ 60.395 χ^2/NDF : 26.8/34

In: -106.542 $\pm$ 44.700 χ^2/NDF :49.1/38

Out: -193.593 $\pm$ 44.143 χ^2/NDF :52.6/40

All: -150.614 $\pm$ 31.409 χ^2/NDF : 103.6/79

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: 216.029 ± 0.036 $\chi^2/\text{NDF}: 127498.7/22$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 217.859 ± 0.037 $\chi^2/\text{NDF}: 122241.8/21$

Left: 216.930 ± 0.026 $\chi^2/\text{NDF}: 250978.2/44$

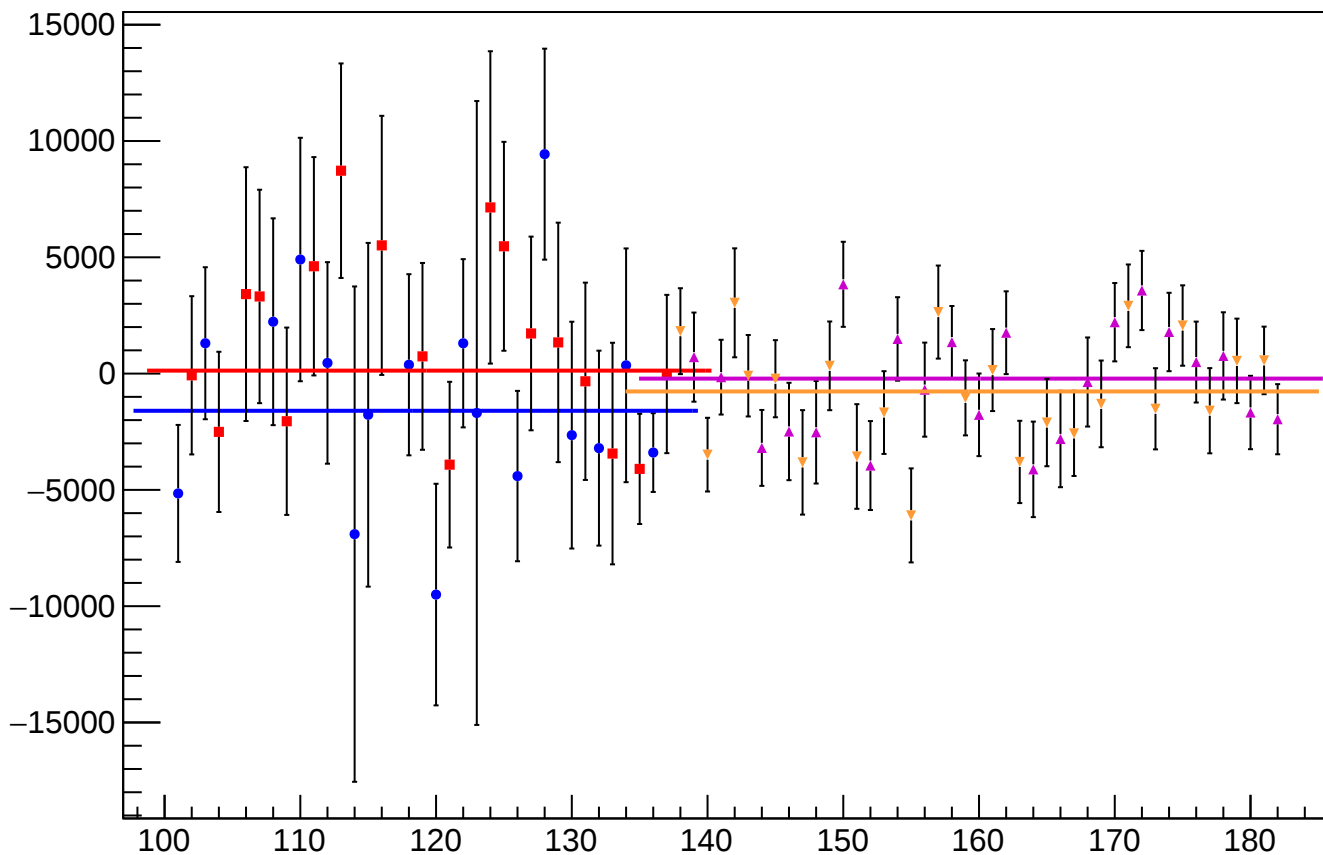
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 218.478 ± 0.032 $\chi^2/\text{NDF}: 351712.1/38$

Out: 217.978 ± 0.031 $\chi^2/\text{NDF}: 410375.2/40$

All: 218.225 ± 0.022 $\chi^2/\text{NDF}: 762214.3/79$

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -767.376 $\pm$ 378.126 χ^2 /NDF:35.2/22

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -215.535 $\pm$ 380.908 χ^2 /NDF:34.8/21

Left: -493.478 $\pm$ 268.354 χ^2 /NDF: 71.1/44

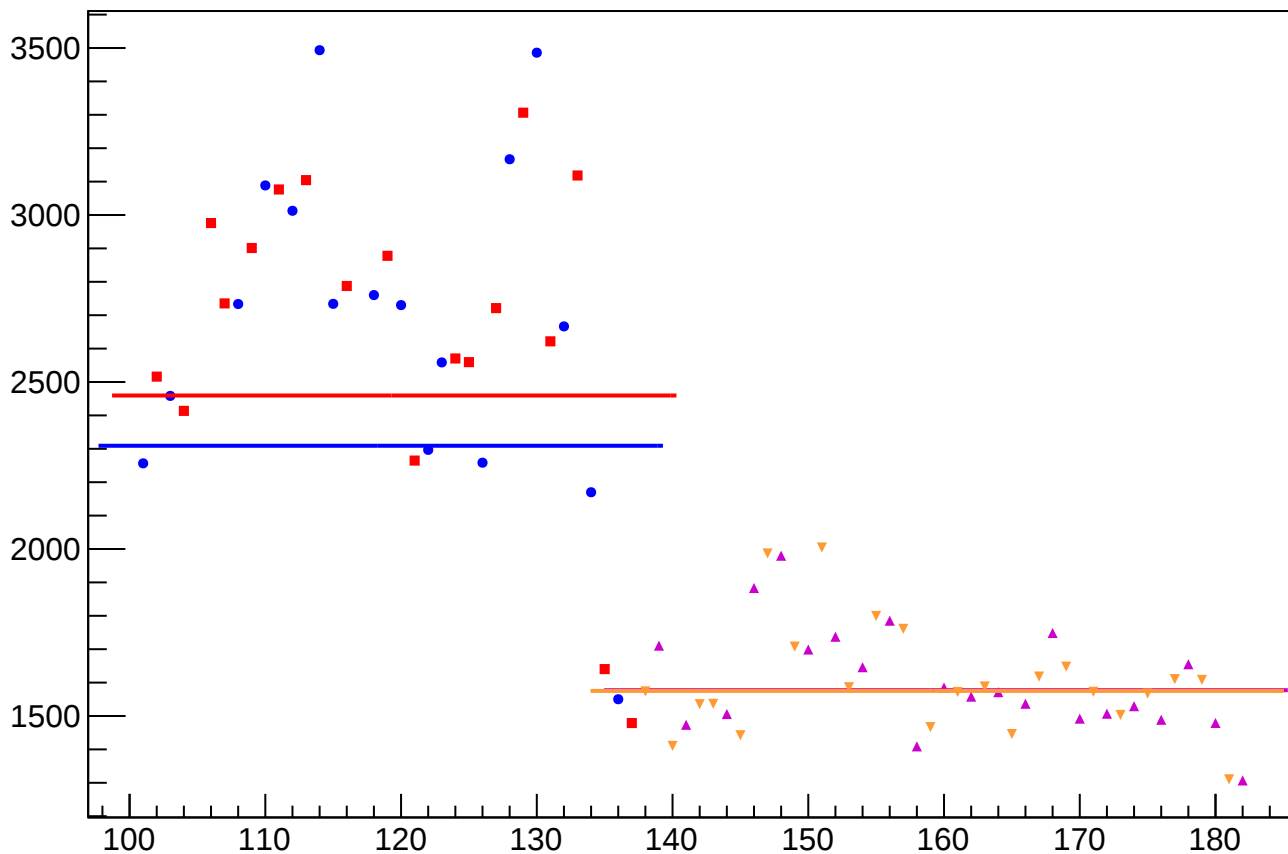
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -417.602 $\pm$ 351.995 χ^2 /NDF:53.4/38

Out: -644.756 $\pm$ 351.274 χ^2 /NDF:50.8/40

All: -531.411 $\pm$ 248.643 χ^2 /NDF: 104.4/79

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1575.186 $\pm$ 0.267 χ^2 /NDF: 321680.4/22

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1577.349 $\pm$ 0.269 χ^2 /NDF: 309576.7/21

Left: 1576.259 $\pm$ 0.190 χ^2 /NDF: 631289.6/44

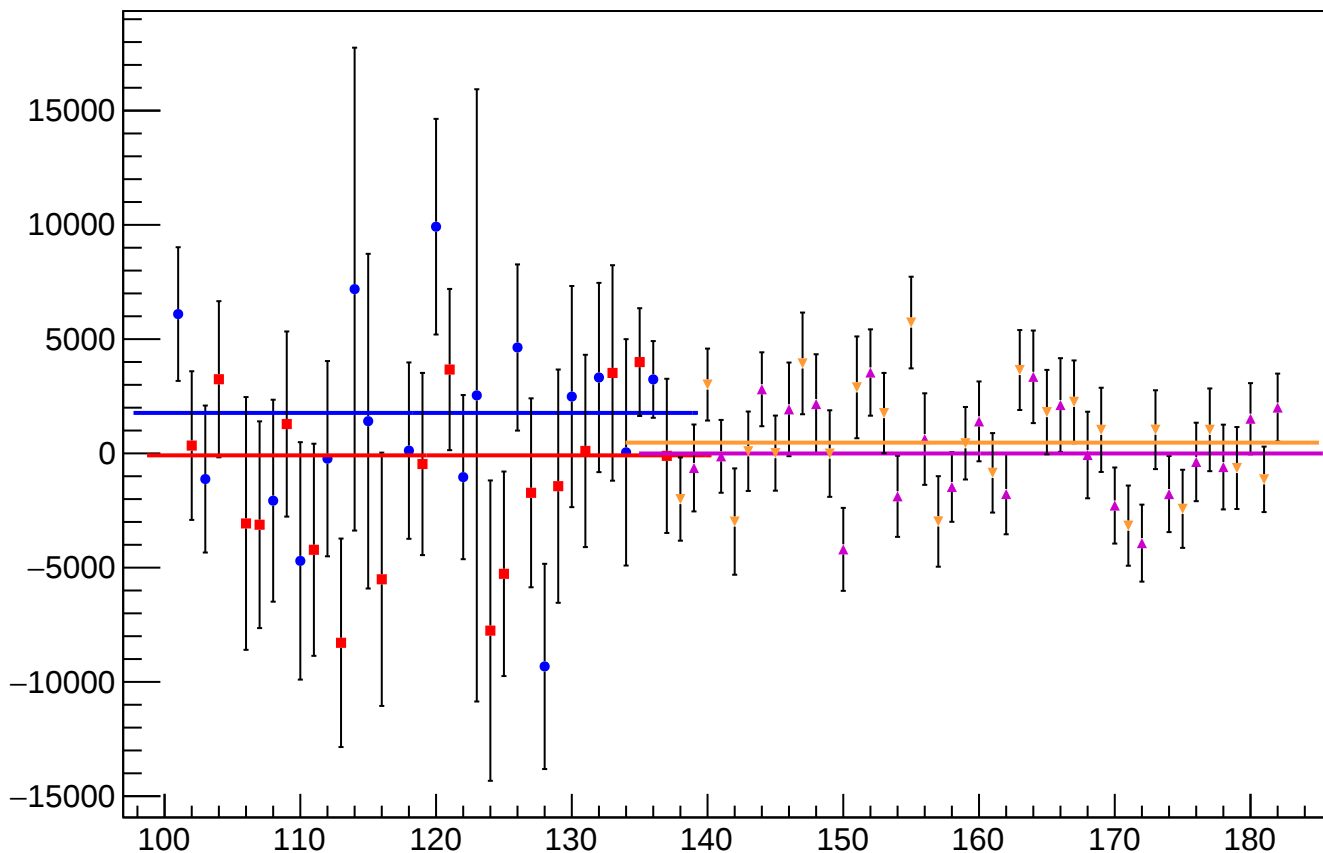
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1684.229 $\pm$ 0.249 χ^2 /NDF: 2188421.8/38

Out: 1696.338 $\pm$ 0.248 χ^2 /NDF: 2488663.2/40

All: 1690.296 $\pm$ 0.176 χ^2 /NDF: 4678270.9/79

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 470.896+/-373.864 χ^2/NDF : 35.4/22

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -3.667+/-376.293 χ^2/NDF : 32.9/21

Left: 235.151+/-265.216 χ^2/NDF : 69.0/44

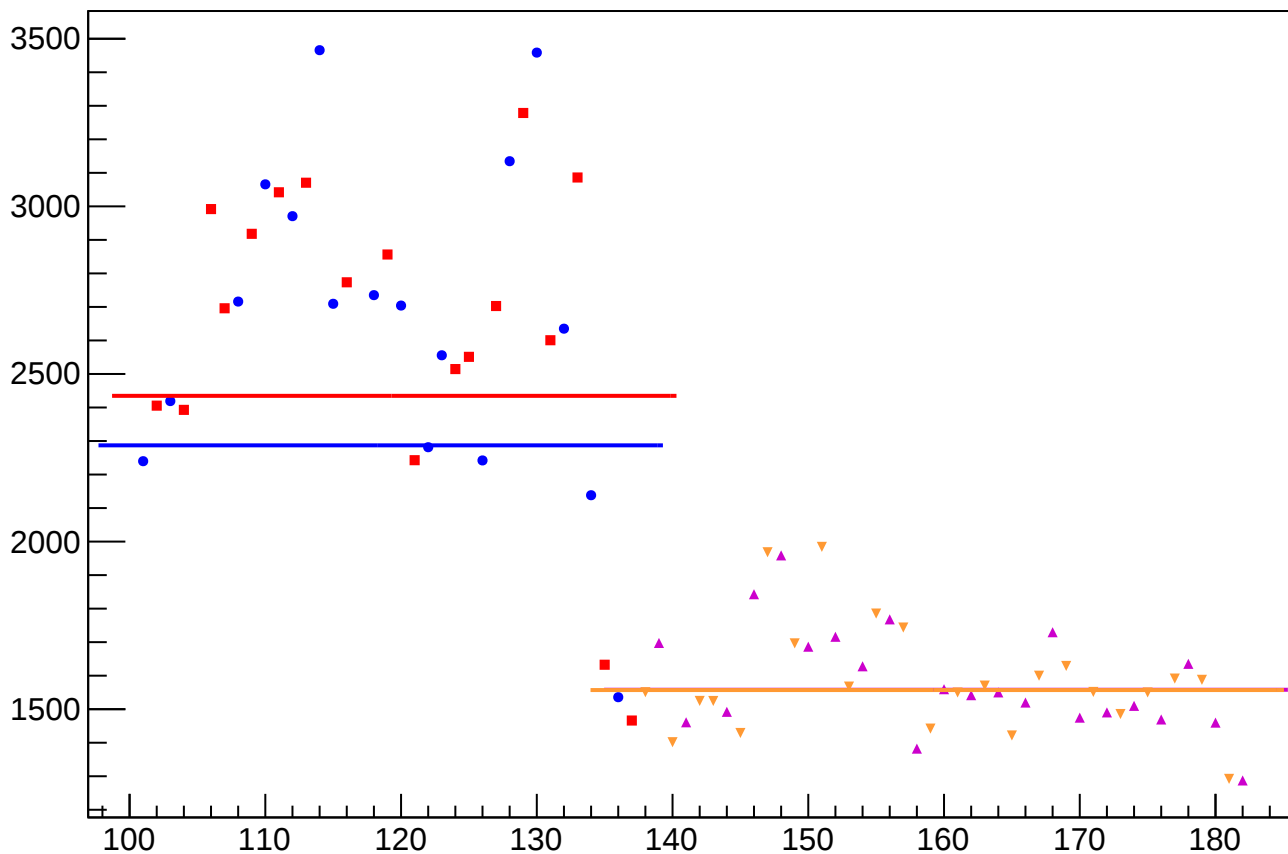
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 254.384+/-347.865 χ^2/NDF : 53.4/38

Out: 394.803+/-347.388 χ^2/NDF : 50.1/40

All: 324.690+/-245.809 χ^2/NDF : 103.6/79

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 ± 0.645 $\chi^2/\text{NDF}: 799399.0/16$

Left Out: 1557.111 ± 0.264 $\chi^2/\text{NDF}: 327852.5/22$

Right Out: 2434.786 ± 0.665 $\chi^2/\text{NDF}: 666938.3/17$

Left In: 1558.014 ± 0.266 $\chi^2/\text{NDF}: 313797.9/21$

Left: 1557.559 ± 0.188 $\chi^2/\text{NDF}: 641656.2/44$

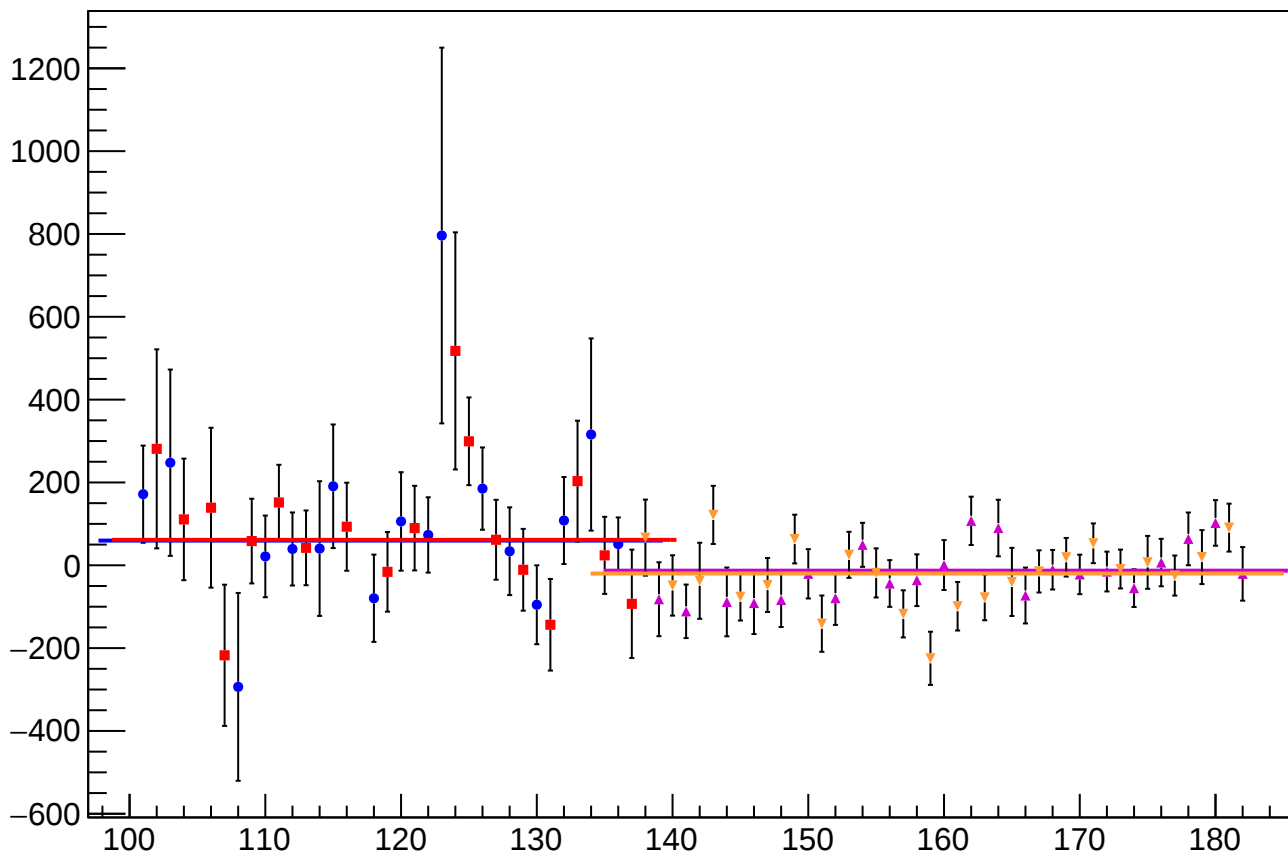
Right: 2358.750 ± 0.463 $\chi^2/\text{NDF}: 1491762.6/34$

In: 1664.012 ± 0.246 $\chi^2/\text{NDF}: 2204784.1/38$

Out: 1677.018 ± 0.246 $\chi^2/\text{NDF}: 2500637.3/40$

All: 1670.524 ± 0.174 $\chi^2/\text{NDF}: 4706821.1/79$

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: -19.904 $\pm$ 12.367 χ^2 /NDF:35.5/22

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -13.037 $\pm$ 12.614 χ^2 /NDF:23.1/21

Left: -16.539 $\pm$ 8.831 χ^2 /NDF: 58.8/44

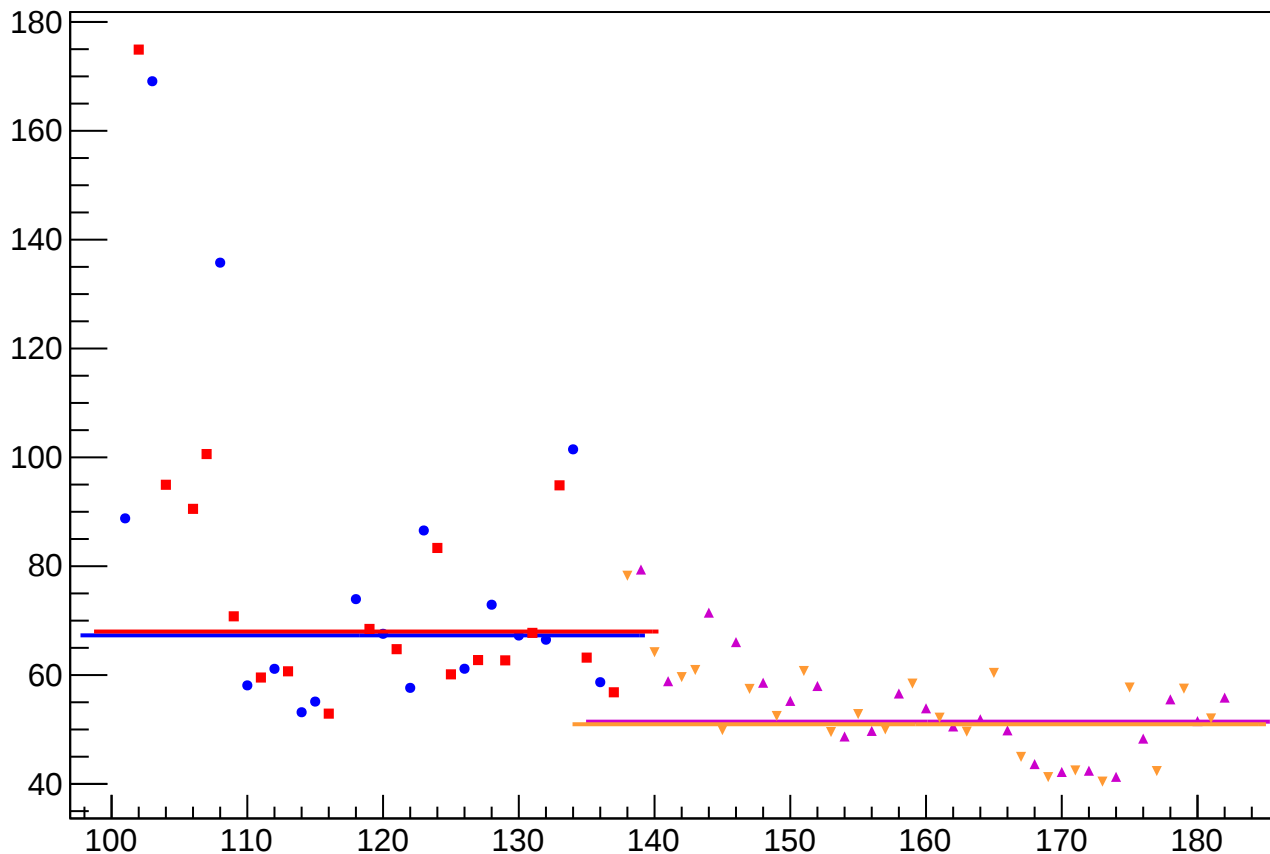
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -0.076 $\pm$ 11.435 χ^2 /NDF:44.4/38

Out: -5.815 $\pm$ 11.244 χ^2 /NDF:62.7/40

All: -2.993 $\pm$ 8.017 χ^2 /NDF: 107.2/79

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 50.964 $\pm$ 0.009 χ^2 /NDF: 807439.7/22

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.437 $\pm$ 0.009 χ^2 /NDF: 815205.5/21

Left: 51.196 $\pm$ 0.006 χ^2 /NDF: 1624083.2/44

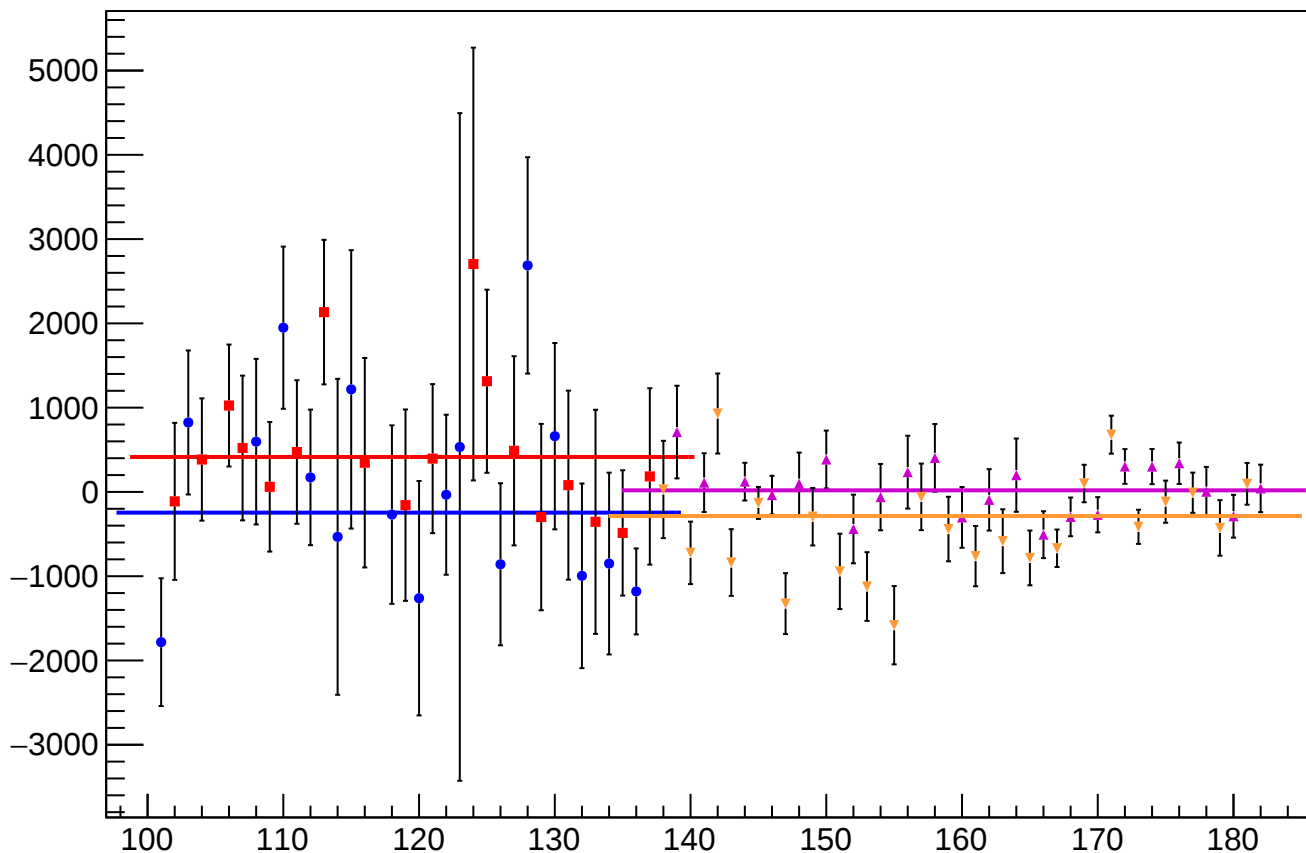
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.265 $\pm$ 0.008 χ^2 /NDF: 2220243.2/38

Out: 53.916 $\pm$ 0.008 χ^2 /NDF: 2219381.2/40

All: 54.088 $\pm$ 0.006 χ^2 /NDF: 4440574.3/79

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -285.908 ± 61.794 χ^2/NDF : 67.6/22

Right Out: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 18.878 ± 61.035 χ^2/NDF : 20.9/21

Left: -131.633 ± 43.424 χ^2/NDF : 100.9/44

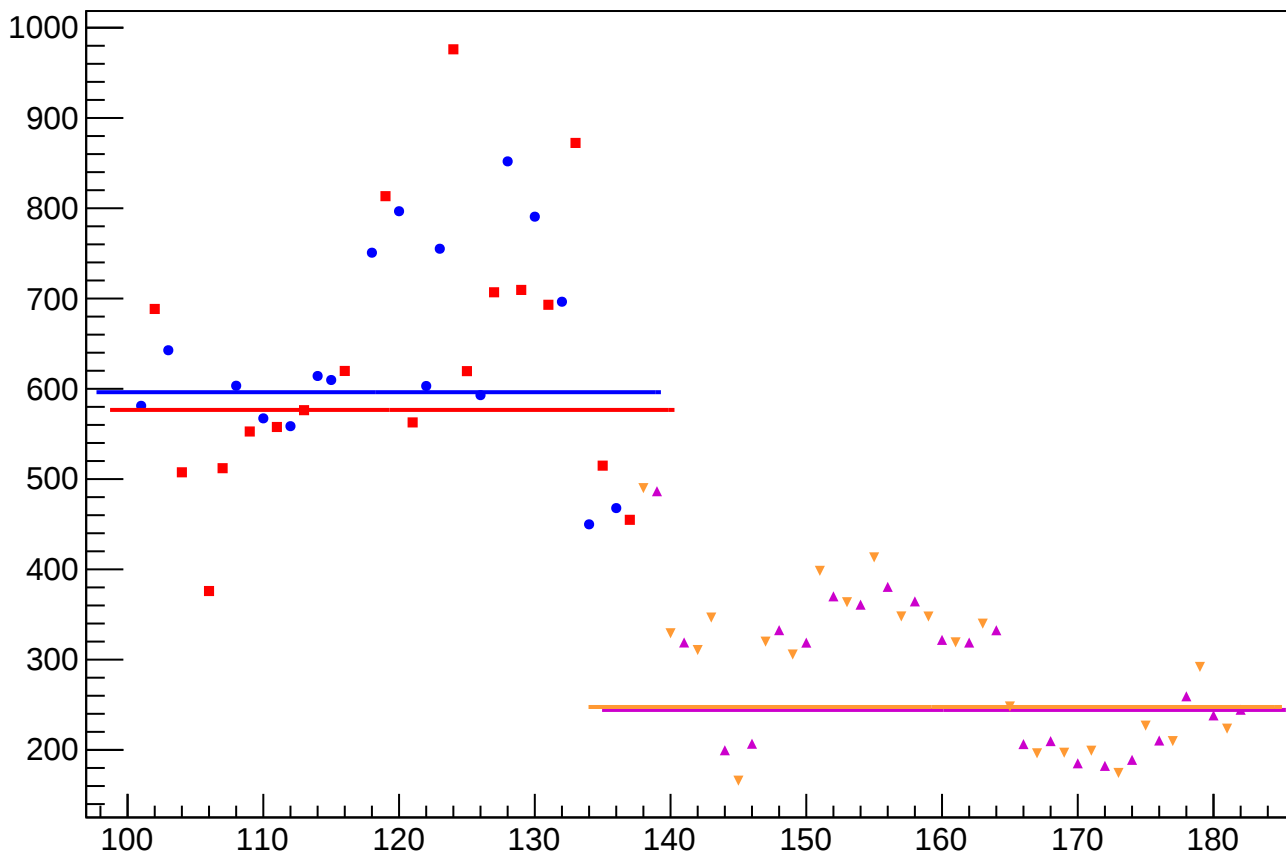
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: 2.216 ± 59.082 χ^2/NDF : 45.9/38

Out: -235.857 ± 59.546 χ^2/NDF : 86.2/40

All: -115.889 ± 41.940 χ^2/NDF : 140.2/79

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 247.546+/-0.044 χ^2/NDF : 2909891.2/22

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 244.281+/-0.043 χ^2/NDF : 2433741.3/21

Left: 245.893+/-0.031 χ^2/NDF : 5346458.6/44

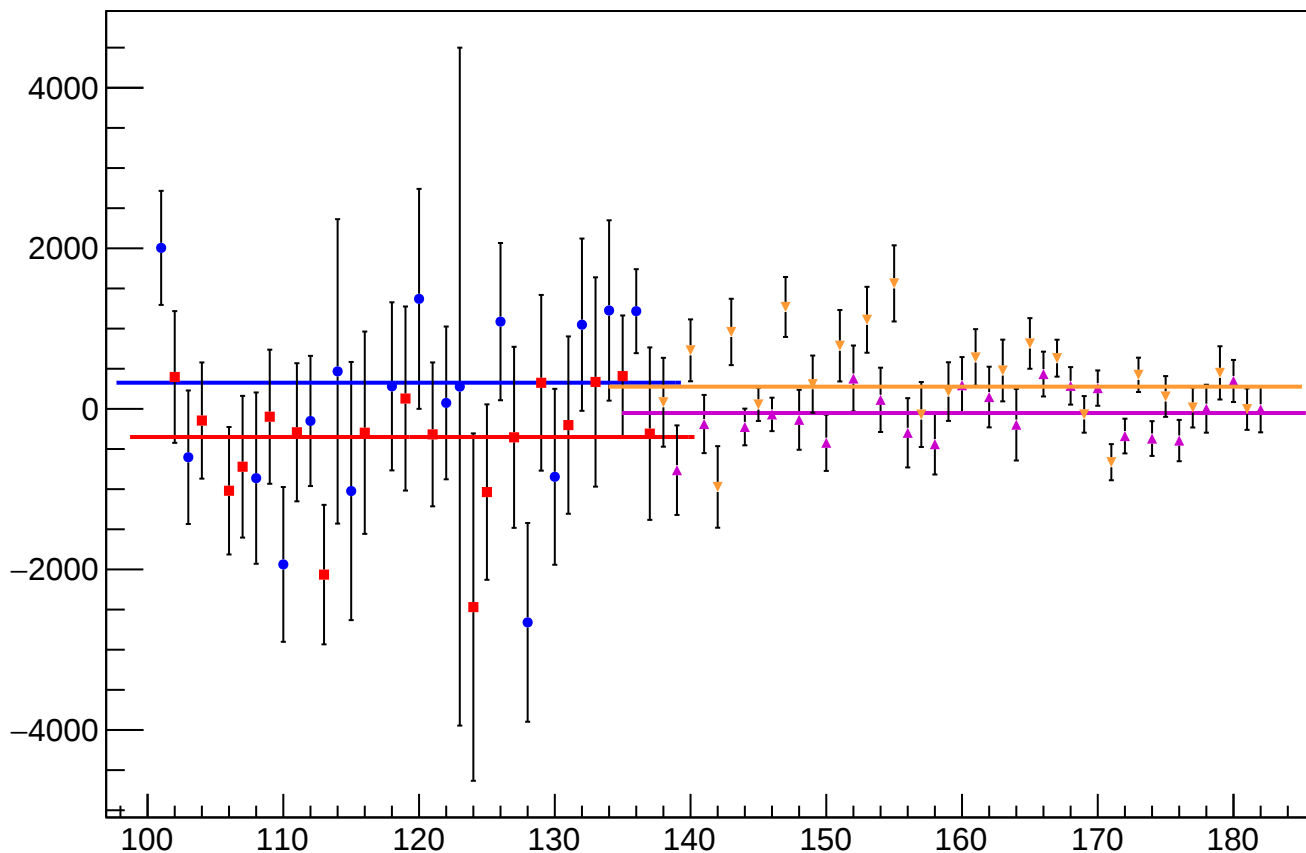
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 266.451+/-0.042 χ^2/NDF : 7045224.5/38

Out: 271.053+/-0.042 χ^2/NDF : 7535186.9/40

All: 268.734+/-0.030 χ^2/NDF : 14586429.9/79

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 276.747 ± 63.511 $\chi^2/\text{NDF}: 61.7/22$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -51.496 ± 61.951 $\chi^2/\text{NDF}: 22.7/21$

Left: 108.546 ± 44.347 $\chi^2/\text{NDF}: 98.1/44$

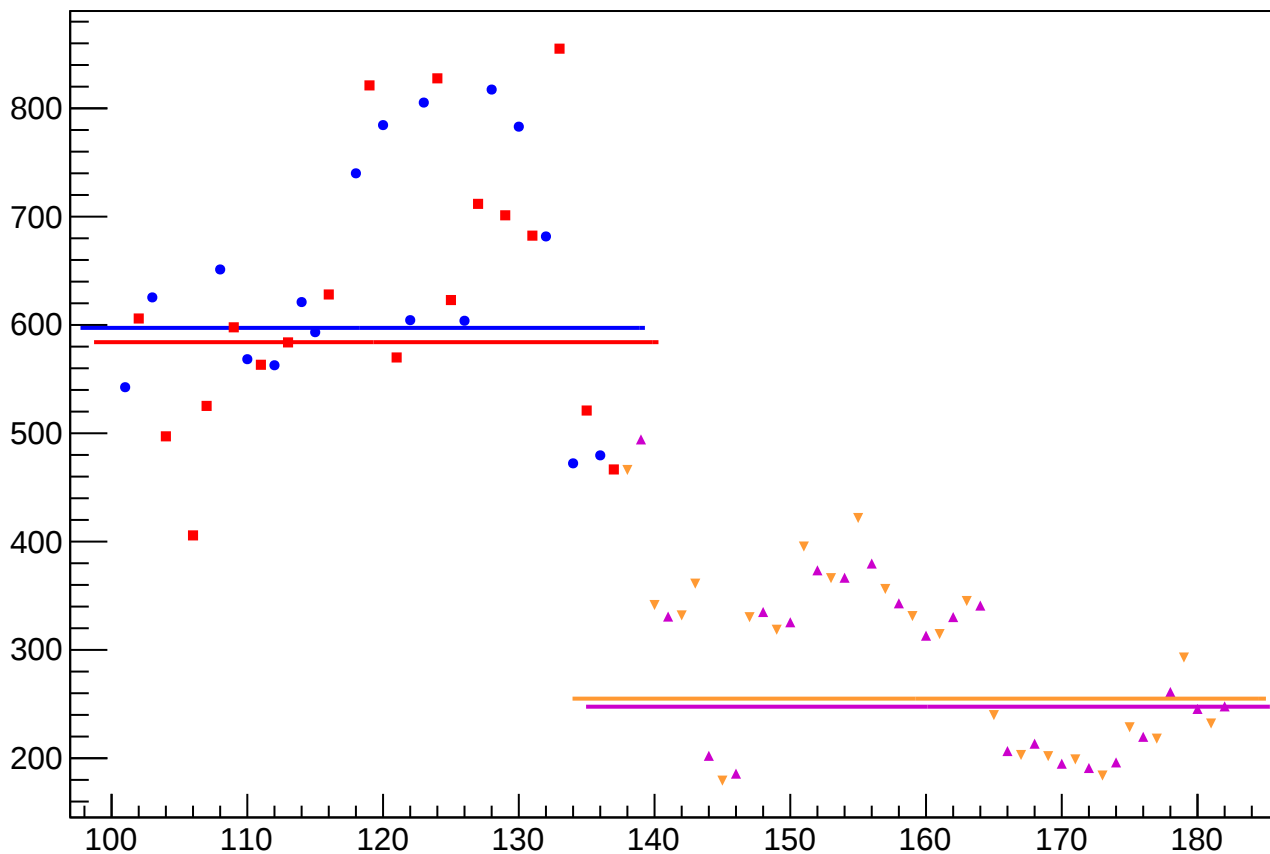
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -27.078 ± 59.914 $\chi^2/\text{NDF}: 52.0/38$

Out: 230.563 ± 61.127 $\chi^2/\text{NDF}: 77.9/40$

All: 99.161 ± 42.788 $\chi^2/\text{NDF}: 138.9/79$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.013 $\pm$ 0.045 χ^2 /NDF: 2625838.8/22

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.573 $\pm$ 0.044 χ^2 /NDF: 2370455.0/21

Left: 251.201 $\pm$ 0.031 χ^2 /NDF: 5010359.5/44

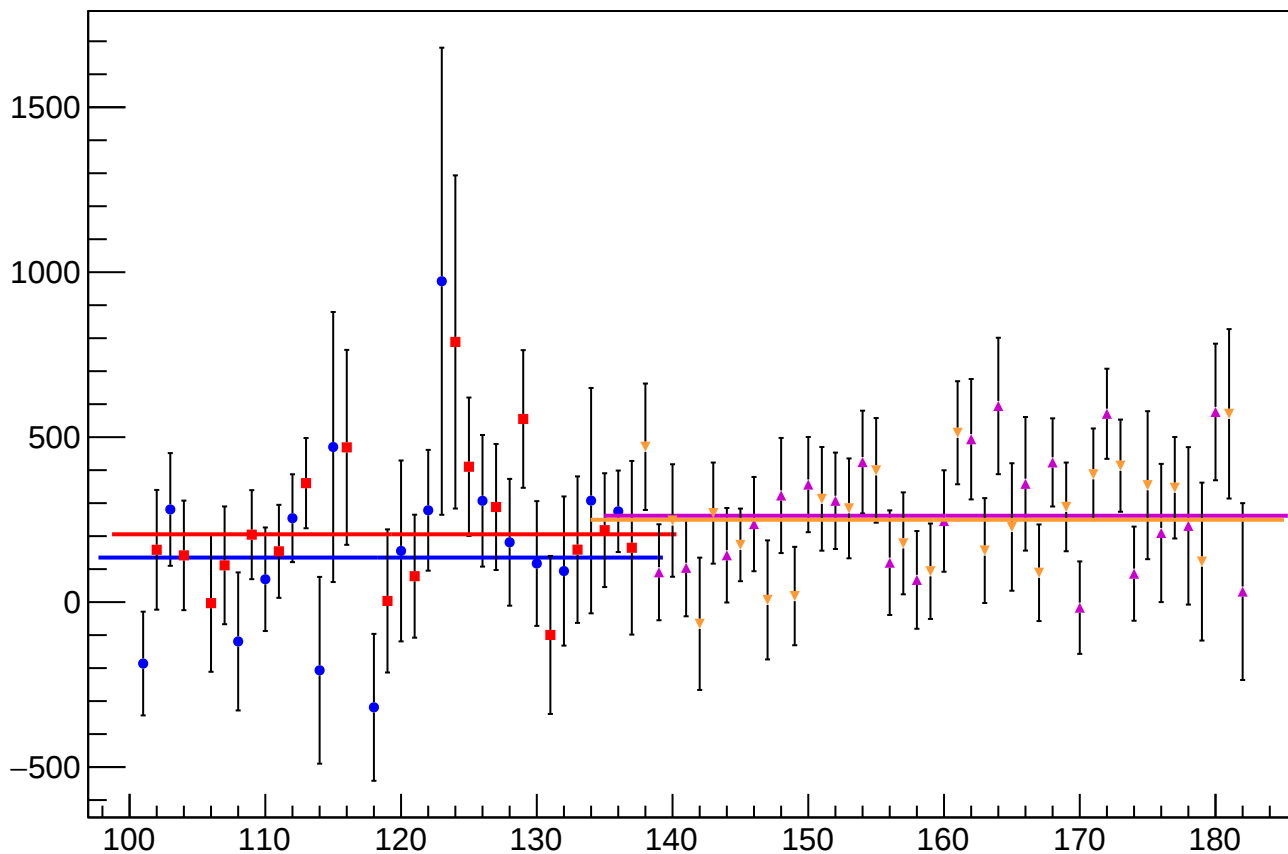
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 270.190 $\pm$ 0.042 χ^2 /NDF: 6856031.1/38

Out: 279.249 $\pm$ 0.043 χ^2 /NDF: 7027435.7/40

All: 274.629 $\pm$ 0.030 χ^2 /NDF: 13905867.4/79

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: 249.620 $\pm$ 33.182 χ^2 /NDF:20.3/22

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 261.825 $\pm$ 34.239 χ^2 /NDF:27.2/21

Left: 255.531 $\pm$ 23.828 χ^2 /NDF: 47.6/44

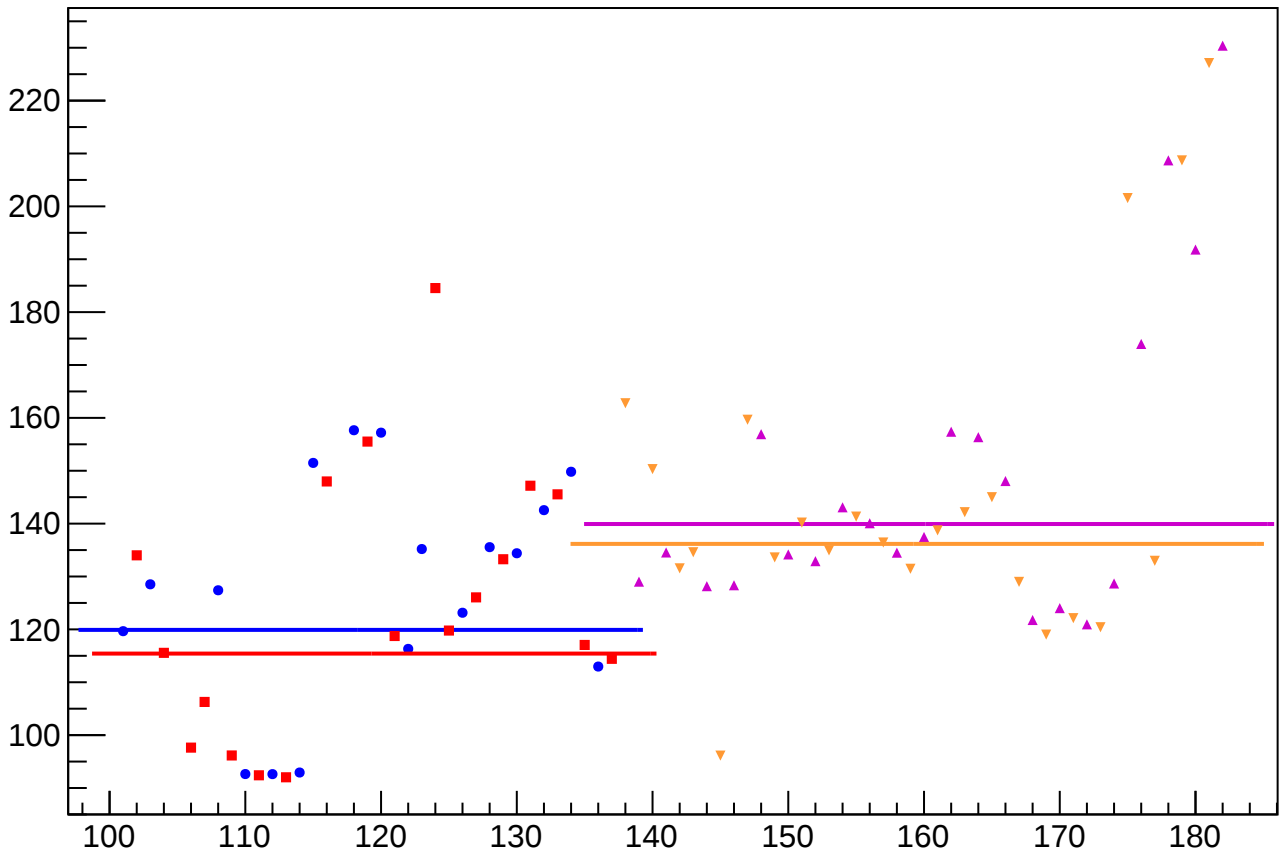
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 217.894 $\pm$ 27.680 χ^2 /NDF:50.0/38

Out: 233.903 $\pm$ 26.608 χ^2 /NDF:33.0/40

All: 226.214 $\pm$ 19.182 χ^2 /NDF: 83.1/79

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 136.166 $\pm$ 0.023 χ^2 /NDF:1054797.6/22

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 139.926 $\pm$ 0.024 χ^2 /NDF:791856.1/21

Left: 137.987 $\pm$ 0.017 χ^2 /NDF: 1859086.7/44

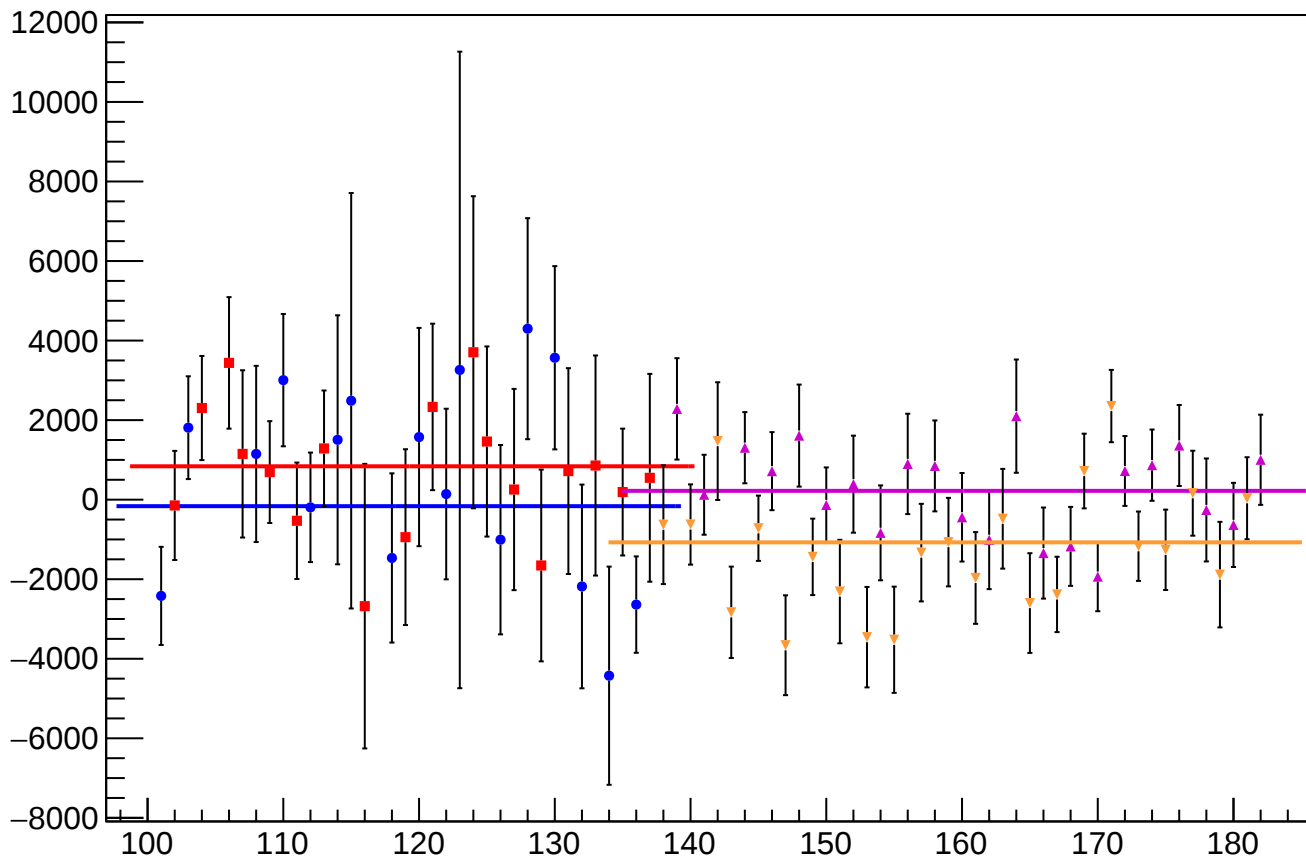
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 132.988 $\pm$ 0.020 χ^2 /NDF:1374321.6/38

Out: 128.761 $\pm$ 0.019 χ^2 /NDF:1751921.0/40

All: 130.792 $\pm$ 0.014 χ^2 /NDF: 3150484.9/79

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1073.008 $\pm$ 227.840 χ^2 /NDF:43.0/22

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 221.671 $\pm$ 228.118 χ^2 /NDF:23.5/21

Left: -426.457 $\pm$ 161.205 χ^2 /NDF: 82.7/44

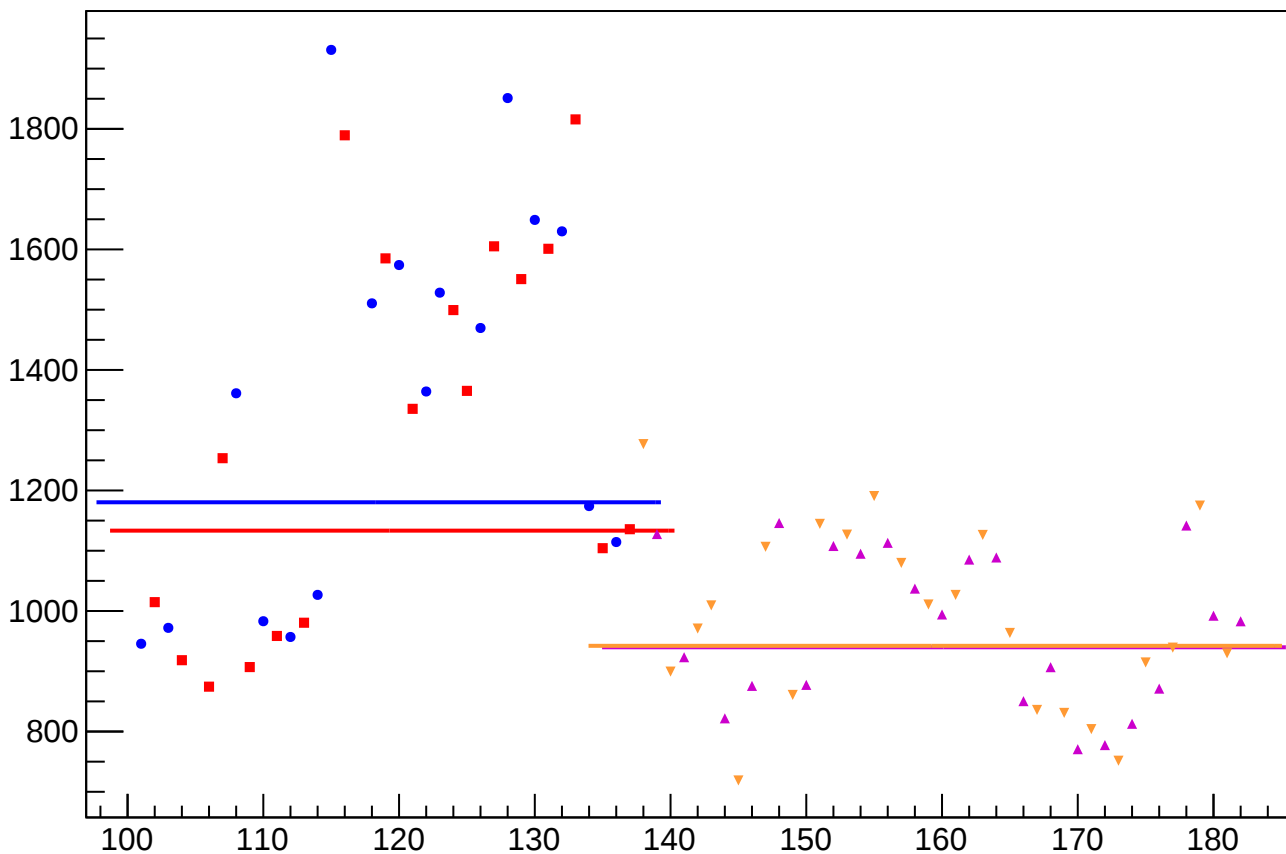
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 148.124 $\pm$ 205.189 χ^2 /NDF:47.8/38

Out: -669.380 $\pm$ 202.370 χ^2 /NDF:67.2/40

All: -266.281 $\pm$ 144.083 χ^2 /NDF: 123.0/79

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 942.223 $\pm$ 0.161 χ^2 /NDF: 814469.1/22

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 939.780 $\pm$ 0.161 χ^2 /NDF: 590182.8/21

Left: 941.003 $\pm$ 0.114 χ^2 /NDF: 1404766.7/44

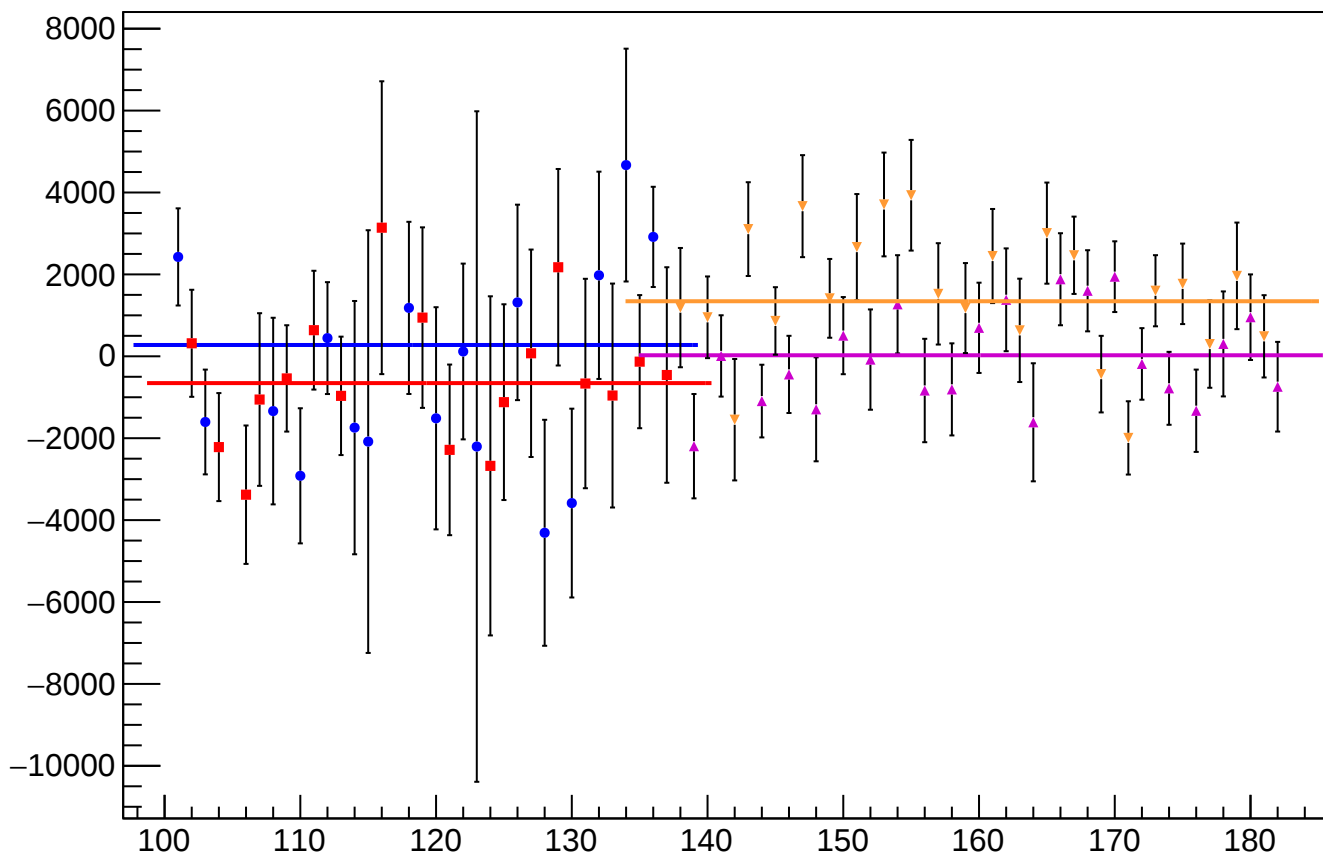
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 985.722 $\pm$ 0.145 χ^2 /NDF: 1683892.6/38

Out: 982.566 $\pm$ 0.143 χ^2 /NDF: 1871927.6/40

All: 984.122 $\pm$ 0.102 χ^2 /NDF: 3556060.1/79

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422±/-466.424 χ^2/NDF : 24.3/16

Left Out: 1344.498±/-226.372 χ^2/NDF :42.6/22

Right Out: -654.406±/-439.824 χ^2/NDF : 9.6/17

Left In: 25.281±/-226.092 χ^2/NDF :25.4/21

Left: 684.071±/-159.970 χ^2/NDF : 84.9/44

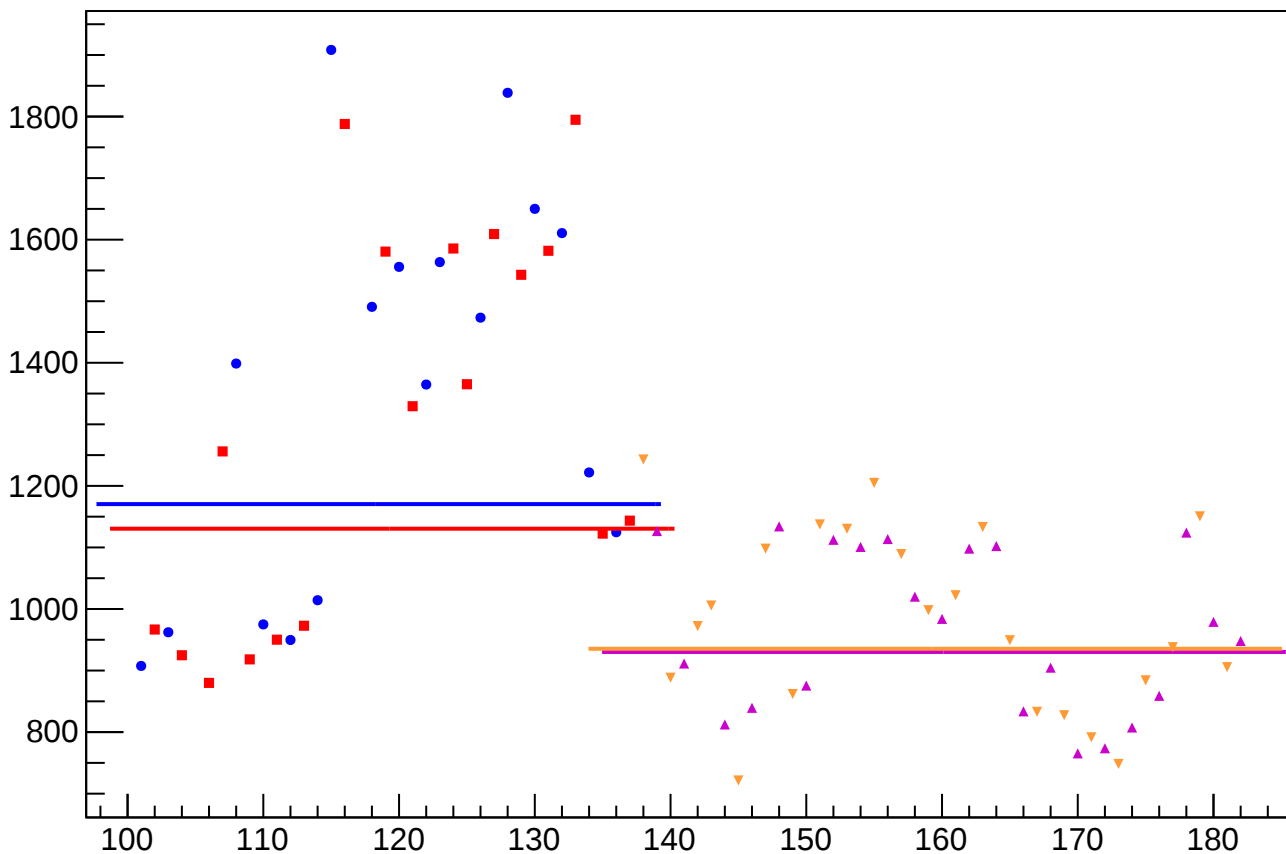
Right: -216.291±/-319.993 χ^2/NDF : 36.0/34

In: 73.063±/-203.450 χ^2/NDF :49.9/38

Out: 925.874±/-201.277 χ^2/NDF :68.5/40

All: 504.046±/-143.086 χ^2/NDF : 127.3/79

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 935.392 $\pm$ 0.160 χ^2 /NDF: 813236.1/22

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 930.193 $\pm$ 0.160 χ^2 /NDF: 620858.0/21

Left: 932.789 $\pm$ 0.113 χ^2 /NDF: 1434622.2/44

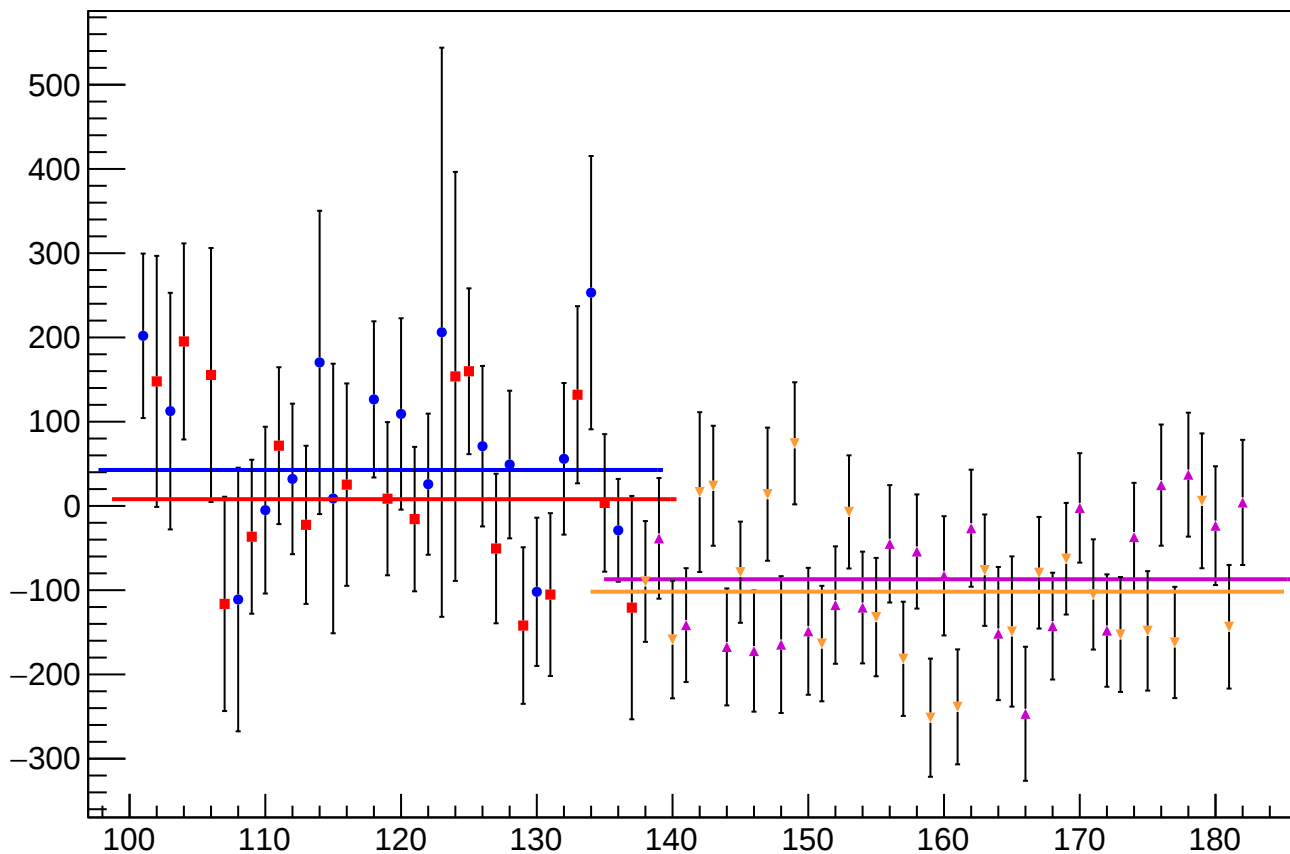
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 975.896 $\pm$ 0.144 χ^2 /NDF: 1755880.3/38

Out: 976.243 $\pm$ 0.142 χ^2 /NDF: 1887272.0/40

All: 976.072 $\pm$ 0.101 χ^2 /NDF: 3643155.3/79

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 χ^2/NDF : 12.0/16

Left Out: -101.767 ± 14.683 χ^2/NDF : 31.3/22

Right Out: 7.995 ± 24.492 χ^2/NDF : 15.8/17

Left In: -87.035 ± 15.012 χ^2/NDF : 23.4/21

Left: -94.565 ± 10.497 χ^2/NDF : 55.3/44

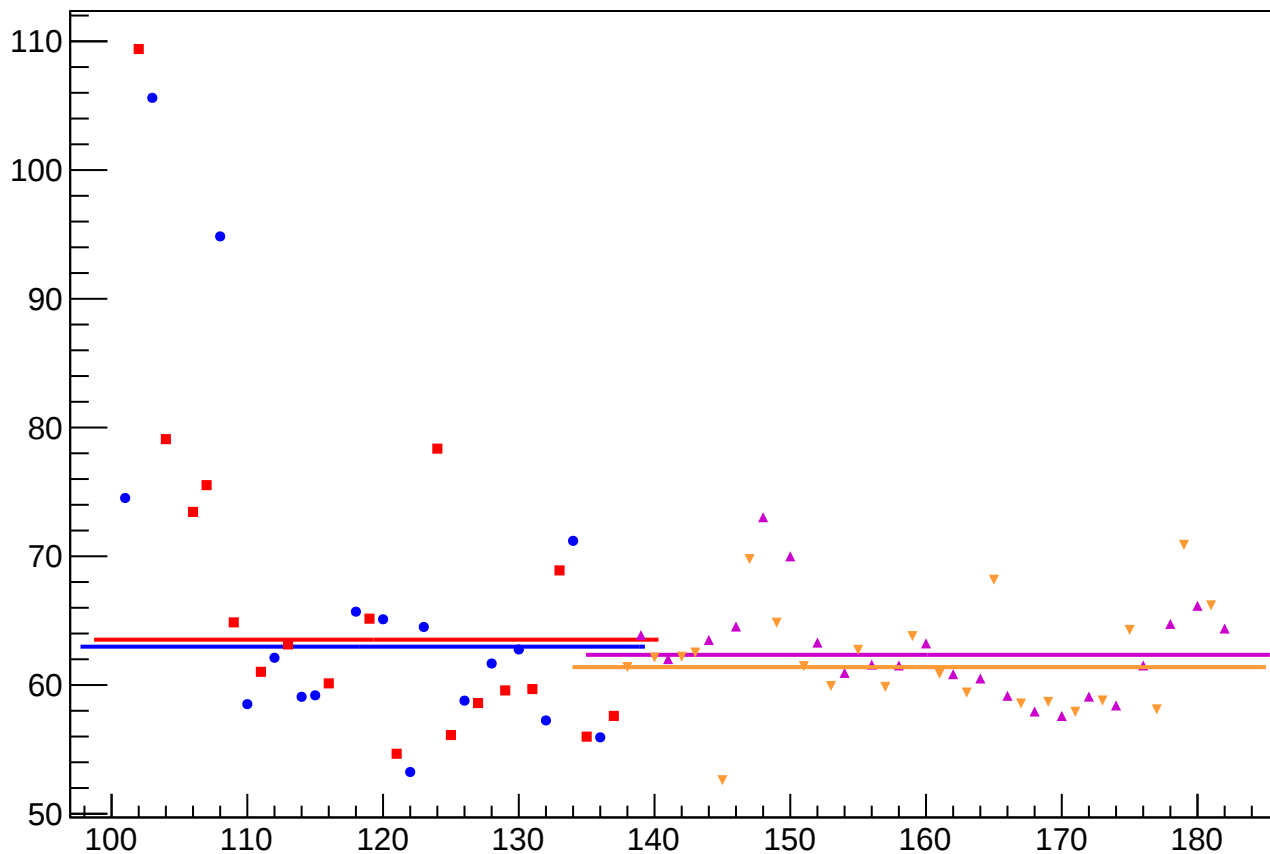
Right: 25.187 ± 17.392 χ^2/NDF : 28.8/34

In: -52.047 ± 12.829 χ^2/NDF : 55.6/38

Out: -72.749 ± 12.593 χ^2/NDF : 61.9/40

All: -62.590 ± 8.987 χ^2/NDF : 118.8/79

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: 61.392 ± 0.010 χ^2/NDF : 149777.3/22

Right Out: 63.522 ± 0.017 χ^2/NDF : 335430.9/17

Left In: 62.345 ± 0.011 χ^2/NDF : 108262.0/21

Left: 61.858 ± 0.007 χ^2/NDF : 262161.2/44

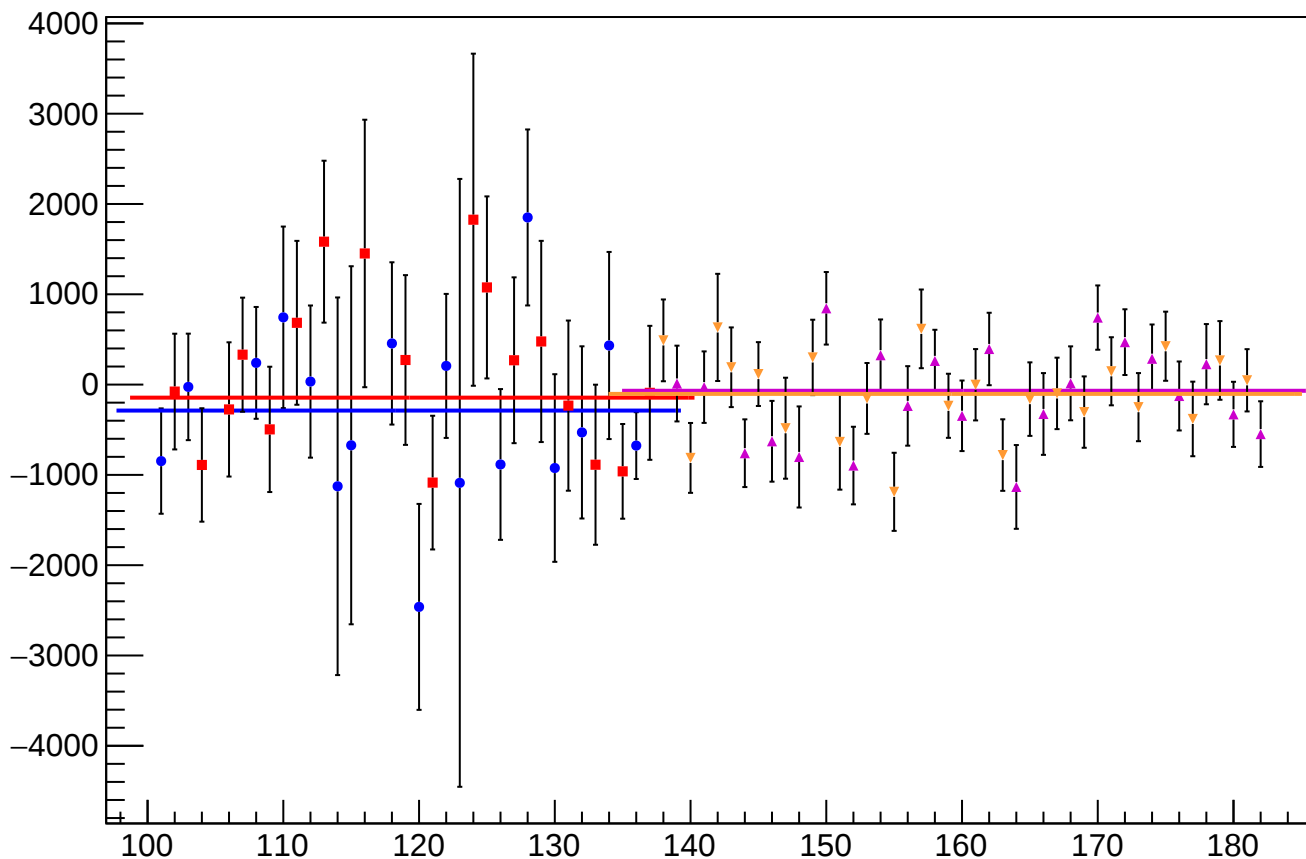
Right: 63.253 ± 0.012 χ^2/NDF : 711180.0/34

In: 62.516 ± 0.009 χ^2/NDF : 484490.8/38

Out: 61.955 ± 0.009 χ^2/NDF : 496340.3/40

All: 62.230 ± 0.006 χ^2/NDF : 982781.4/79

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -103.104 $\pm$ 85.393 χ^2 /NDF:26.2/22

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -68.564 $\pm$ 85.511 χ^2 /NDF:36.1/21

Left: -85.858 $\pm$ 60.424 χ^2 /NDF: 62.3/44

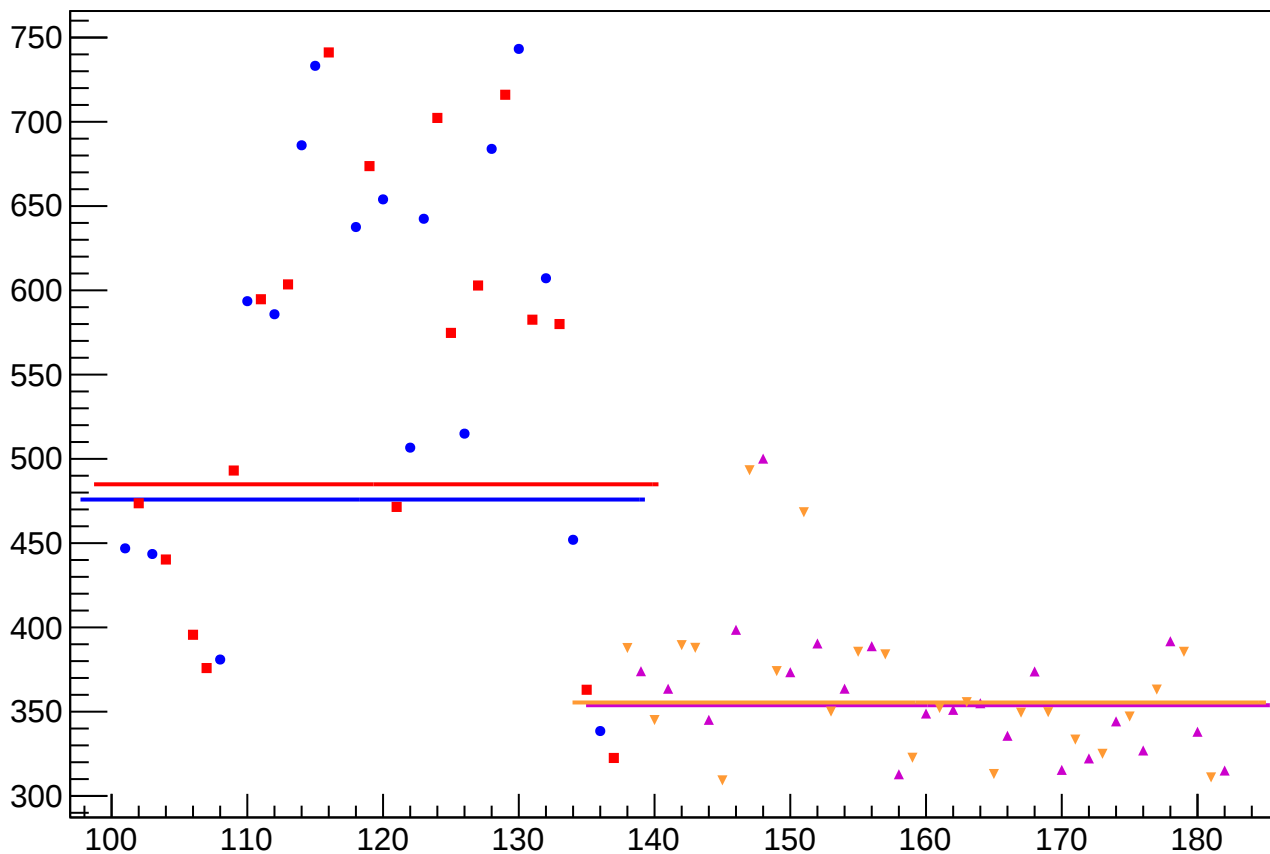
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -105.507 $\pm$ 77.970 χ^2 /NDF:52.6/38

Out: -110.219 $\pm$ 77.732 χ^2 /NDF:42.3/40

All: -107.870 $\pm$ 55.049 χ^2 /NDF: 94.8/79

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 355.454 $\pm$ 0.060 χ^2 /NDF: 402503.1/22

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 353.826 $\pm$ 0.060 χ^2 /NDF: 324070.4/21

Left: 354.641 $\pm$ 0.043 χ^2 /NDF: 726936.3/44

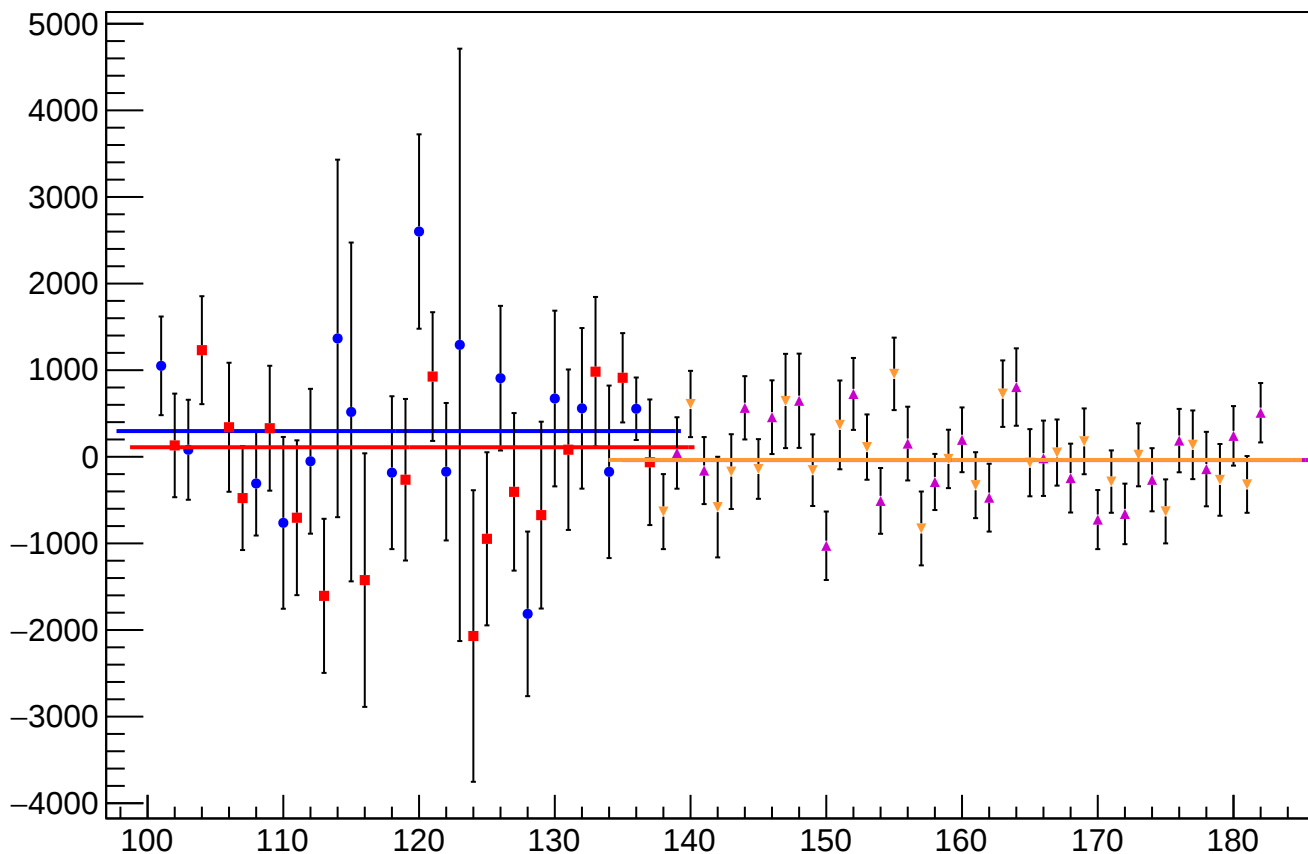
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 374.403 $\pm$ 0.055 χ^2 /NDF: 1848762.9/38

Out: 377.638 $\pm$ 0.055 χ^2 /NDF: 1906557.3/40

All: 376.026 $\pm$ 0.039 χ^2 /NDF: 3757047.6/79

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: -36.419 $\pm$ 82.427 χ^2 /NDF:26.6/22

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -37.809 $\pm$ 82.329 χ^2 /NDF:34.5/21

Left: -37.115 $\pm$ 58.250 χ^2 /NDF: 61.1/44

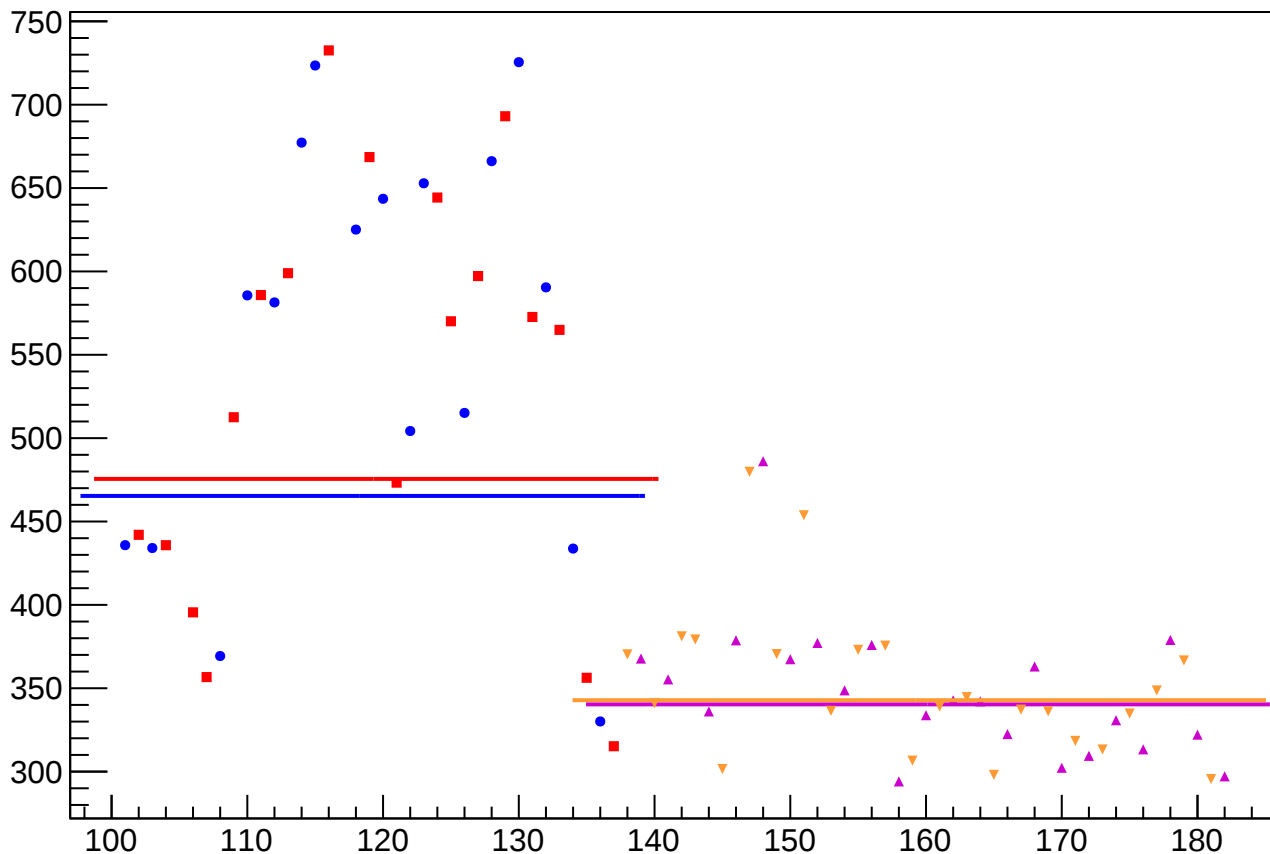
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 17.049 $\pm$ 75.282 χ^2 /NDF:53.1/38

Out: -12.011 $\pm$ 75.251 χ^2 /NDF:45.7/40

All: 2.513 $\pm$ 53.222 χ^2 /NDF: 98.8/79

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: 342.830 $\pm$ 0.058 χ^2 /NDF: 434902.9/22

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 340.332 $\pm$ 0.058 χ^2 /NDF: 369524.6/21

Left: 341.580 $\pm$ 0.041 χ^2 /NDF: 805347.5/44

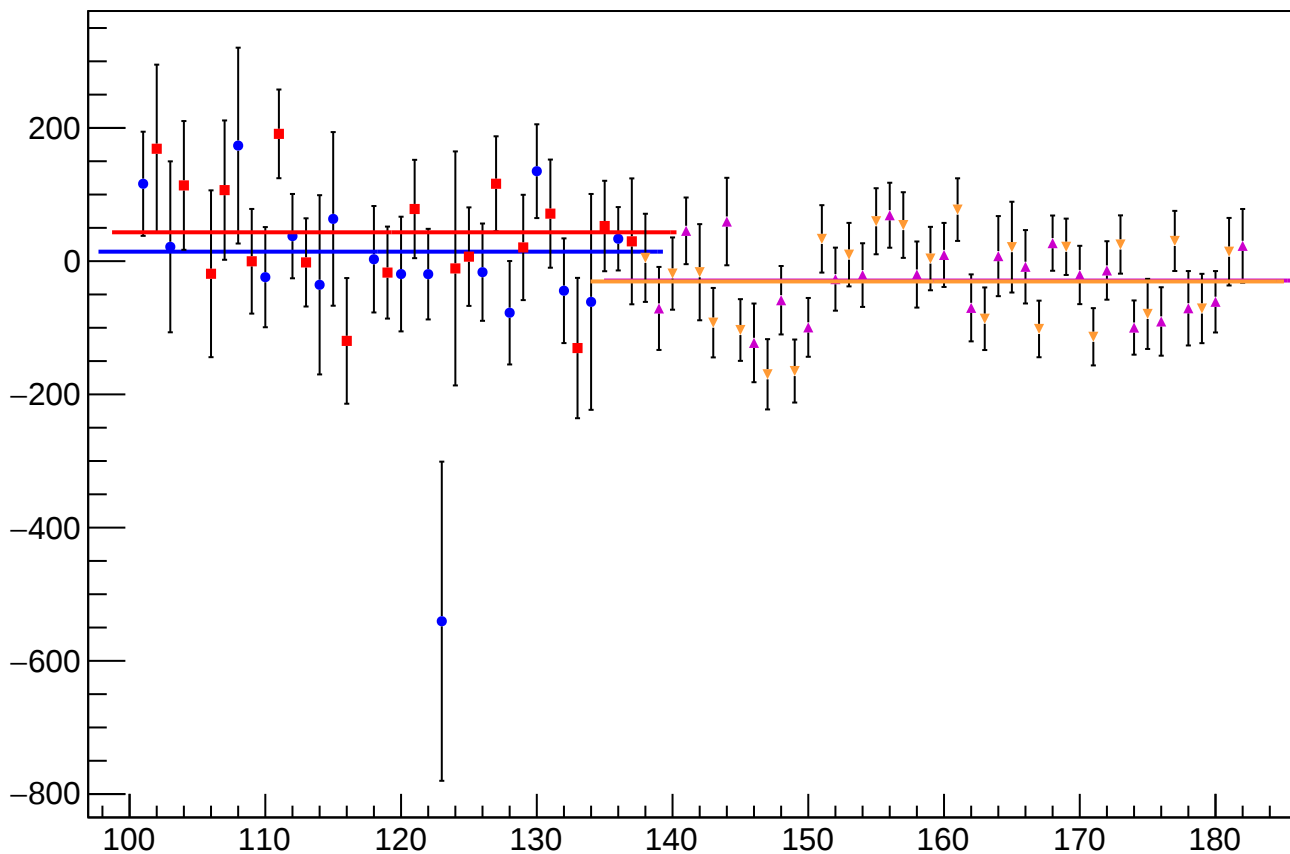
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 360.818 $\pm$ 0.053 χ^2 /NDF: 1985706.6/38

Out: 364.934 $\pm$ 0.053 χ^2 /NDF: 2039374.7/40

All: 362.877 $\pm$ 0.038 χ^2 /NDF: 4028072.3/79

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.450 ± 10.315 $\chi^2/\text{NDF}: 49.4/22$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -29.103 ± 10.579 $\chi^2/\text{NDF}: 24.1/21$

Left: -29.794 ± 7.385 $\chi^2/\text{NDF}: 73.5/44$

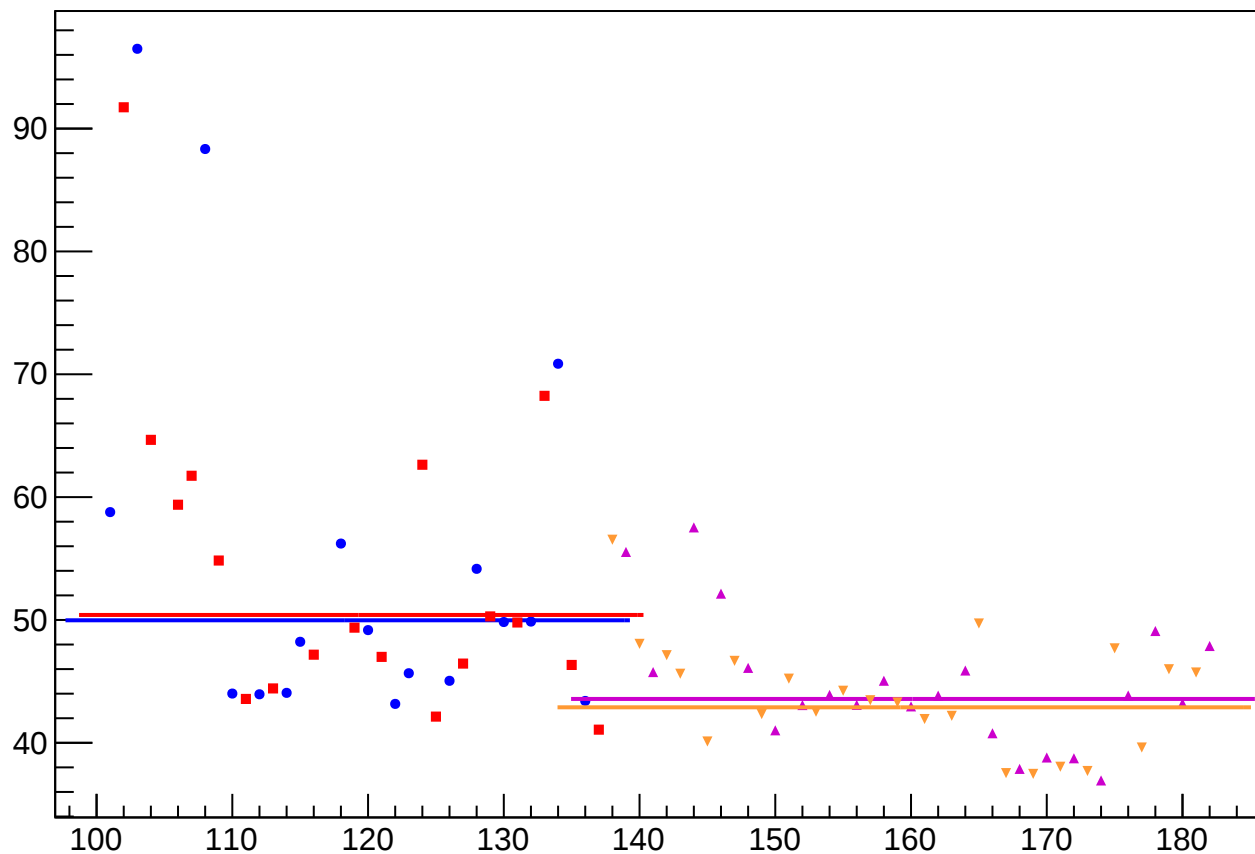
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -19.526 ± 9.337 $\chi^2/\text{NDF}: 42.6/38$

Out: -14.510 ± 9.133 $\chi^2/\text{NDF}: 76.6/40$

All: -16.962 ± 6.529 $\chi^2/\text{NDF}: 119.4/79$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.889 $\pm$ 0.007 χ^2/NDF : 319474.4/22

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 43.571 $\pm$ 0.007 χ^2/NDF : 403190.3/21

Left: 43.221 $\pm$ 0.005 χ^2/NDF : 726914.1/44

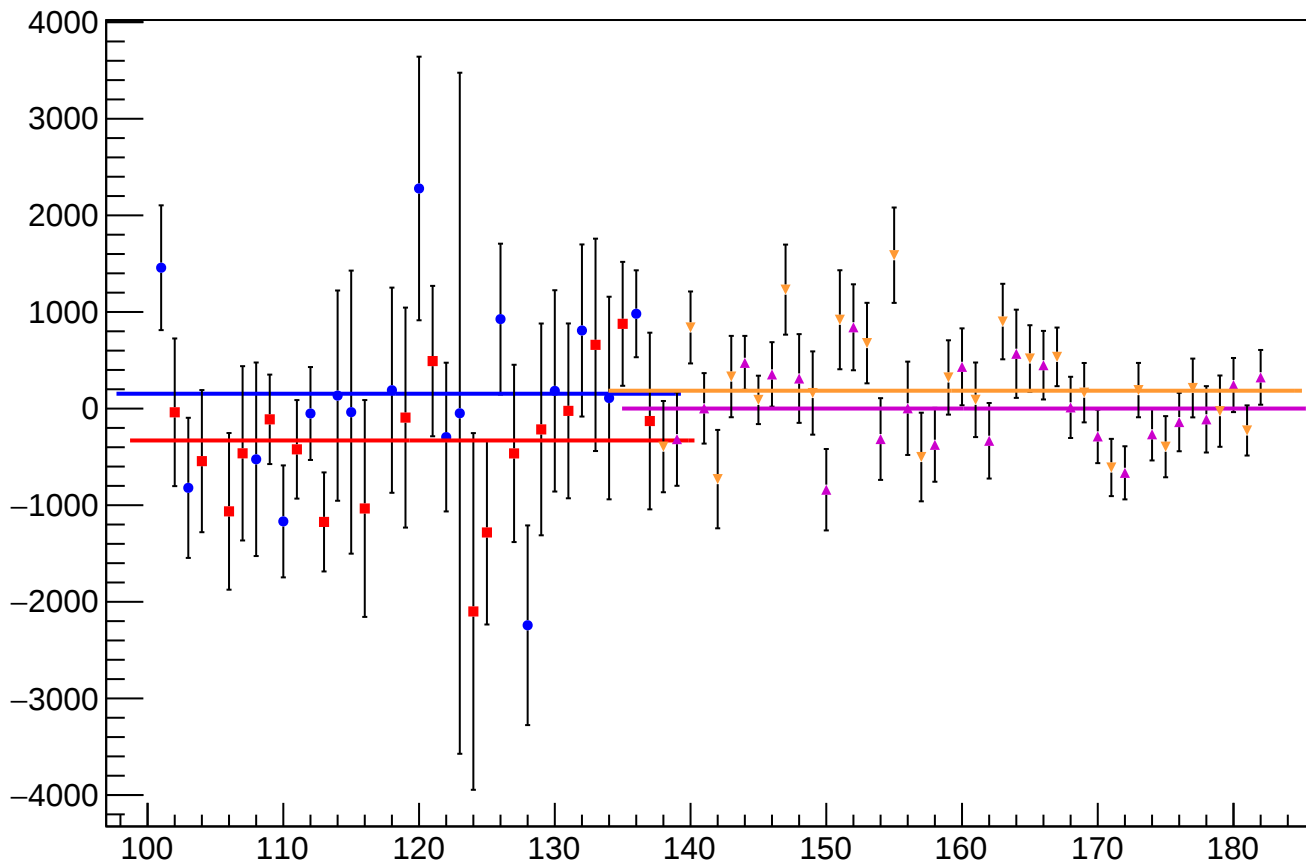
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 44.985 $\pm$ 0.007 χ^2/NDF : 1143776.6/38

Out: 44.514 $\pm$ 0.006 χ^2/NDF : 1016501.8/40

All: 44.744 $\pm$ 0.005 χ^2/NDF : 2162881.1/79

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 185.057 $\pm$ 74.036 χ^2 /NDF:46.1/22

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 0.455 $\pm$ 73.353 χ^2 /NDF:29.3/21

Left: 91.900 $\pm$ 52.108 χ^2 /NDF: 78.5/44

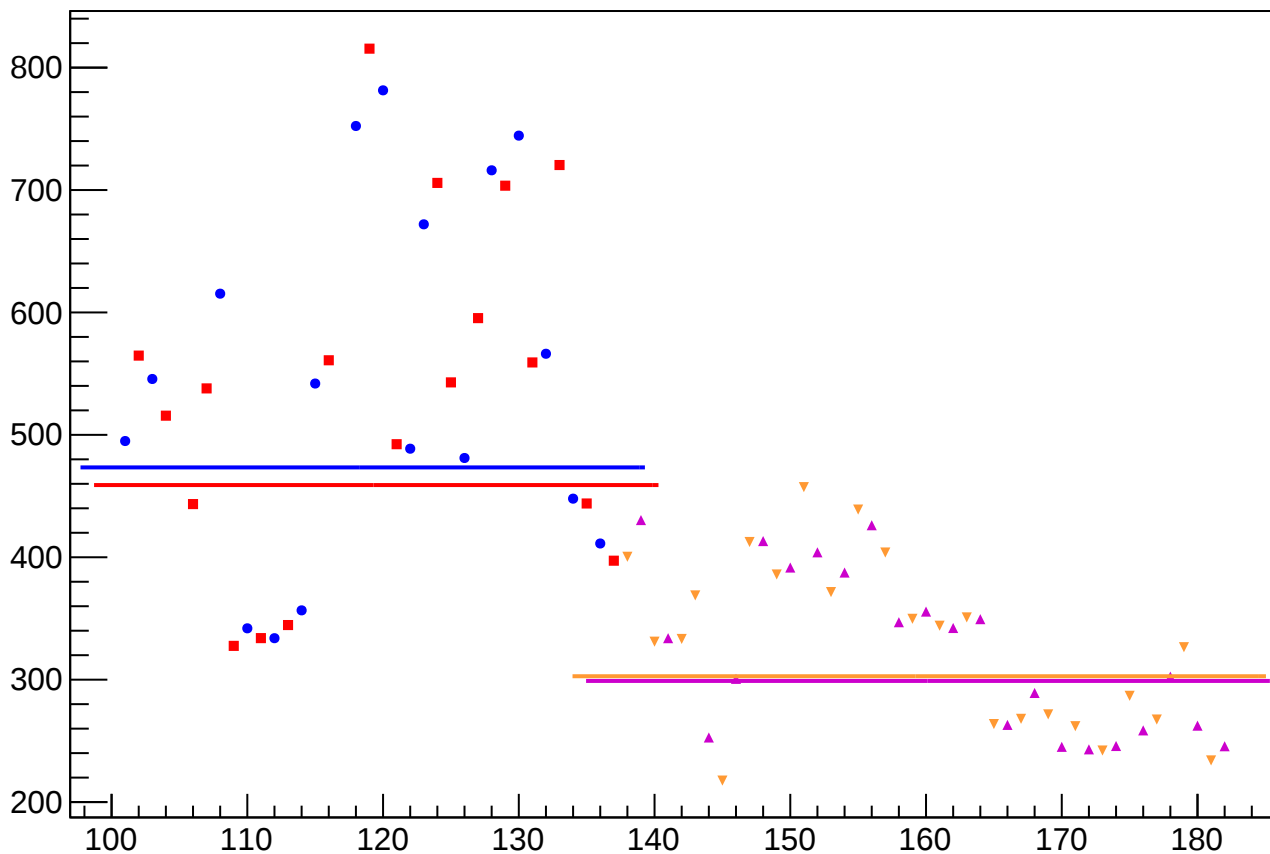
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 20.358 $\pm$ 68.428 χ^2 /NDF:54.6/38

Out: 110.390 $\pm$ 68.459 χ^2 /NDF:65.2/40

All: 65.354 $\pm$ 48.397 χ^2 /NDF: 120.7/79

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 302.808 $\pm$ 0.052 χ^2 /NDF:1522623.5/22

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 298.974 $\pm$ 0.052 χ^2 /NDF:1298778.0/21

Left: 300.873 $\pm$ 0.037 χ^2 /NDF: 2824107.8/44

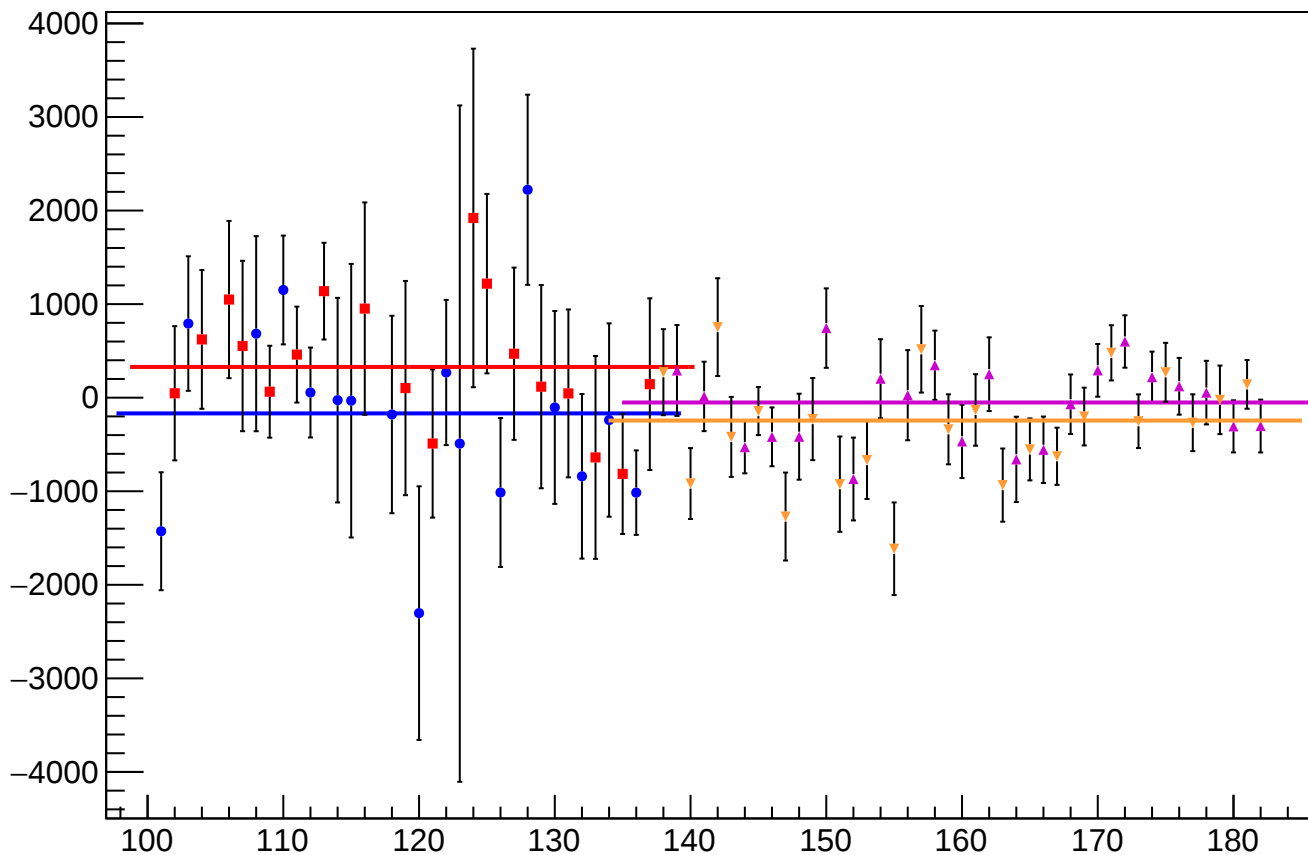
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 321.608 $\pm$ 0.048 χ^2 /NDF:3681232.5/38

Out: 325.451 $\pm$ 0.048 χ^2 /NDF:3819226.0/40

All: 323.529 $\pm$ 0.034 χ^2 /NDF: 7503611.2/79

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -244.322+/-74.176 χ^2/NDF :43.3/22

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -51.376+/-73.250 χ^2/NDF :29.4/21

Left: -146.637+/-52.120 χ^2/NDF : 76.1/44

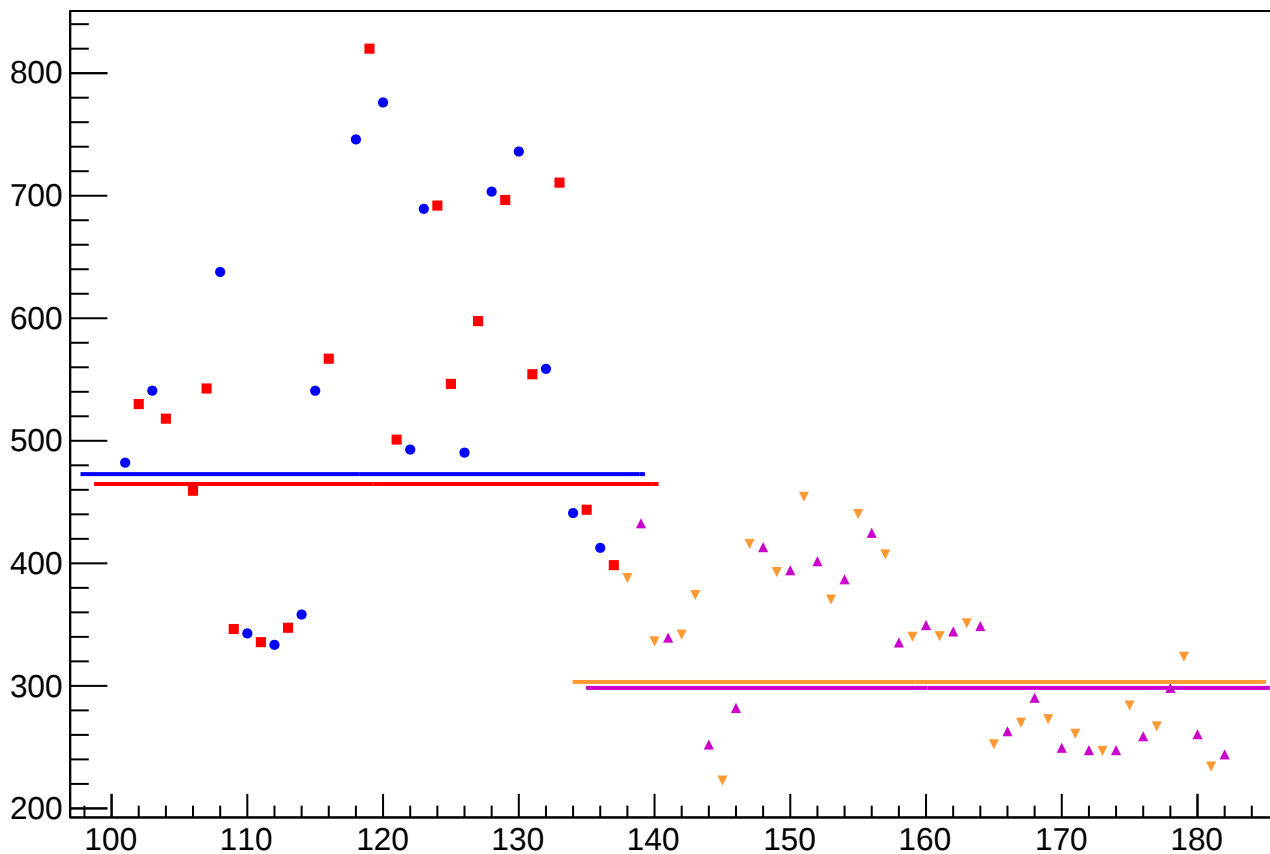
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -66.507+/-68.335 χ^2/NDF :55.1/38

Out: -162.373+/-68.666 χ^2/NDF :63.0/40

All: -114.208+/-48.437 χ^2/NDF : 119.1/79

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 303.210 $\pm$ 0.052 χ^2 /NDF:1486846.3/22

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 298.348 $\pm$ 0.052 χ^2 /NDF:1267068.6/21

Left: 300.748 $\pm$ 0.037 χ^2 /NDF: 2758266.8/44

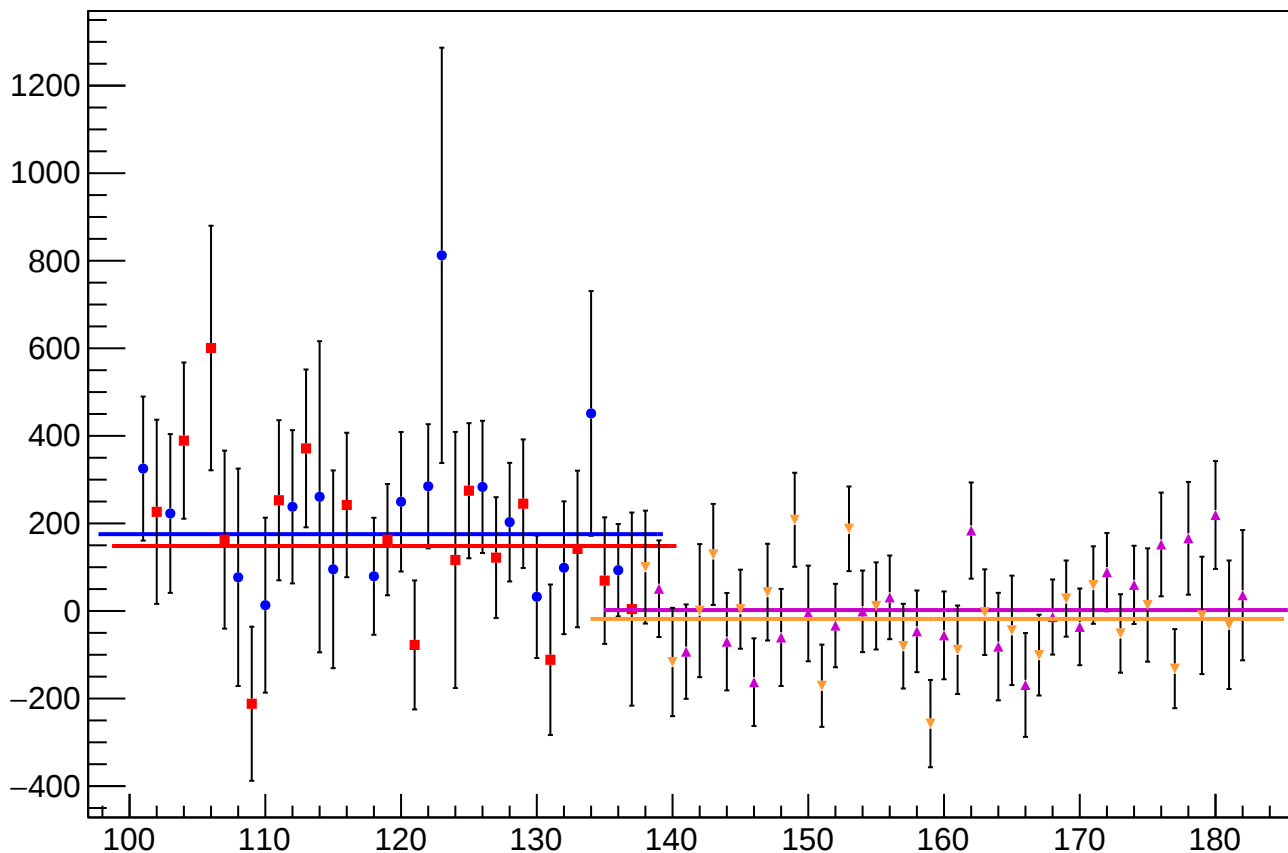
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 320.974 $\pm$ 0.048 χ^2 /NDF:3634934.2/38

Out: 326.318 $\pm$ 0.049 χ^2 /NDF:3758596.2/40

All: 323.633 $\pm$ 0.034 χ^2 /NDF: 7399617.0/79

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -18.125 $\pm$ 21.739 χ^2 /NDF:25.6/22

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: 2.133 $\pm$ 22.126 χ^2 /NDF:18.5/21

Left: -8.175 $\pm$ 15.507 χ^2 /NDF: 44.5/44

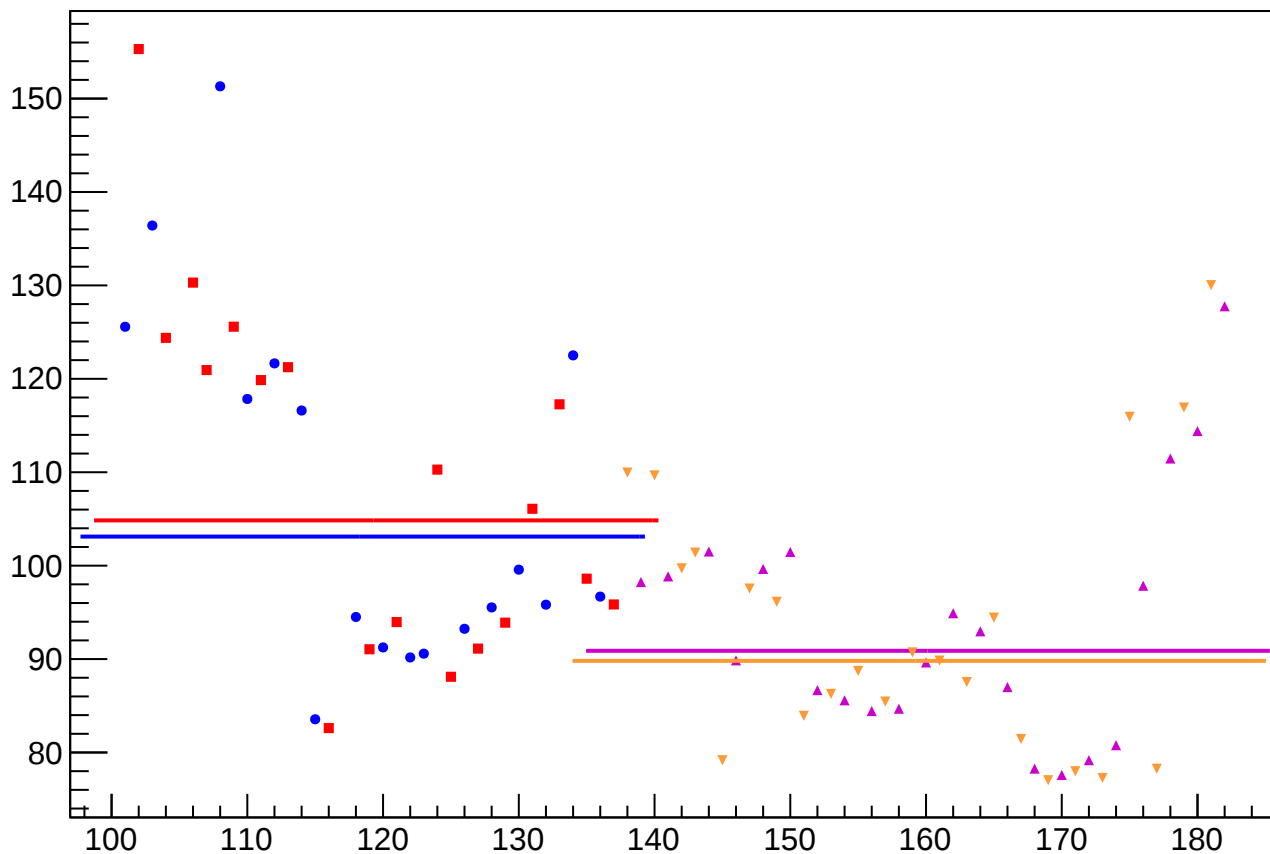
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 42.192 $\pm$ 19.402 χ^2 /NDF:41.3/38

Out: 19.374 $\pm$ 19.136 χ^2 /NDF:56.3/40

All: 30.626 $\pm$ 13.624 χ^2 /NDF: 98.2/79

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 89.809 $\pm$ 0.015 χ^2 /NDF: 672807.9/22

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 90.886 $\pm$ 0.016 χ^2 /NDF: 506445.8/21

Left: 90.338 $\pm$ 0.011 χ^2 /NDF: 1181665.9/44

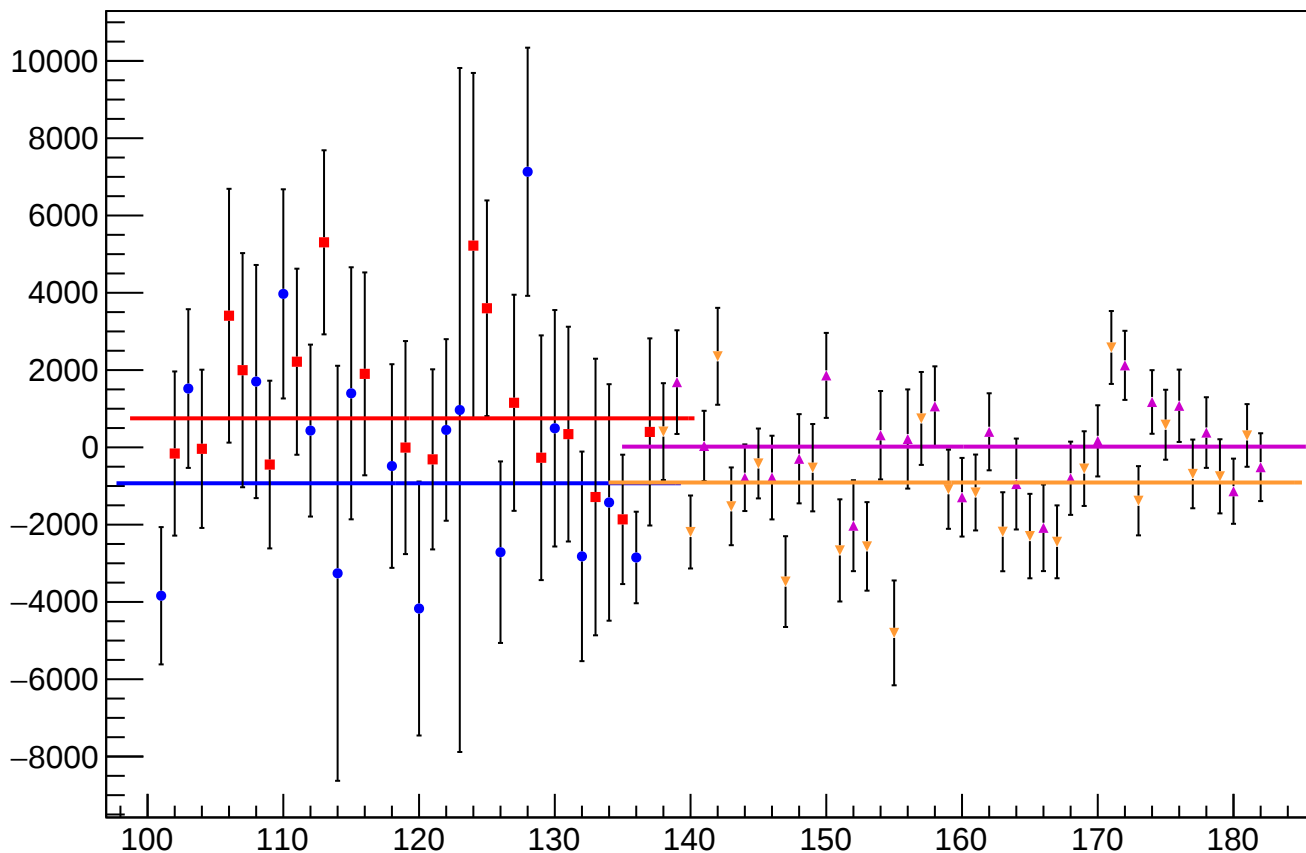
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 93.711 $\pm$ 0.014 χ^2 /NDF: 954015.6/38

Out: 93.193 $\pm$ 0.014 χ^2 /NDF: 1256861.9/40

All: 93.449 $\pm$ 0.010 χ^2 /NDF: 2211600.2/79

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -909.457 $\pm$ 212.596 χ^2 /NDF:54.4/22

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 18.889 $\pm$ 212.614 χ^2 /NDF:27.9/21

Left: -445.324 $\pm$ 150.334 χ^2 /NDF: 91.8/44

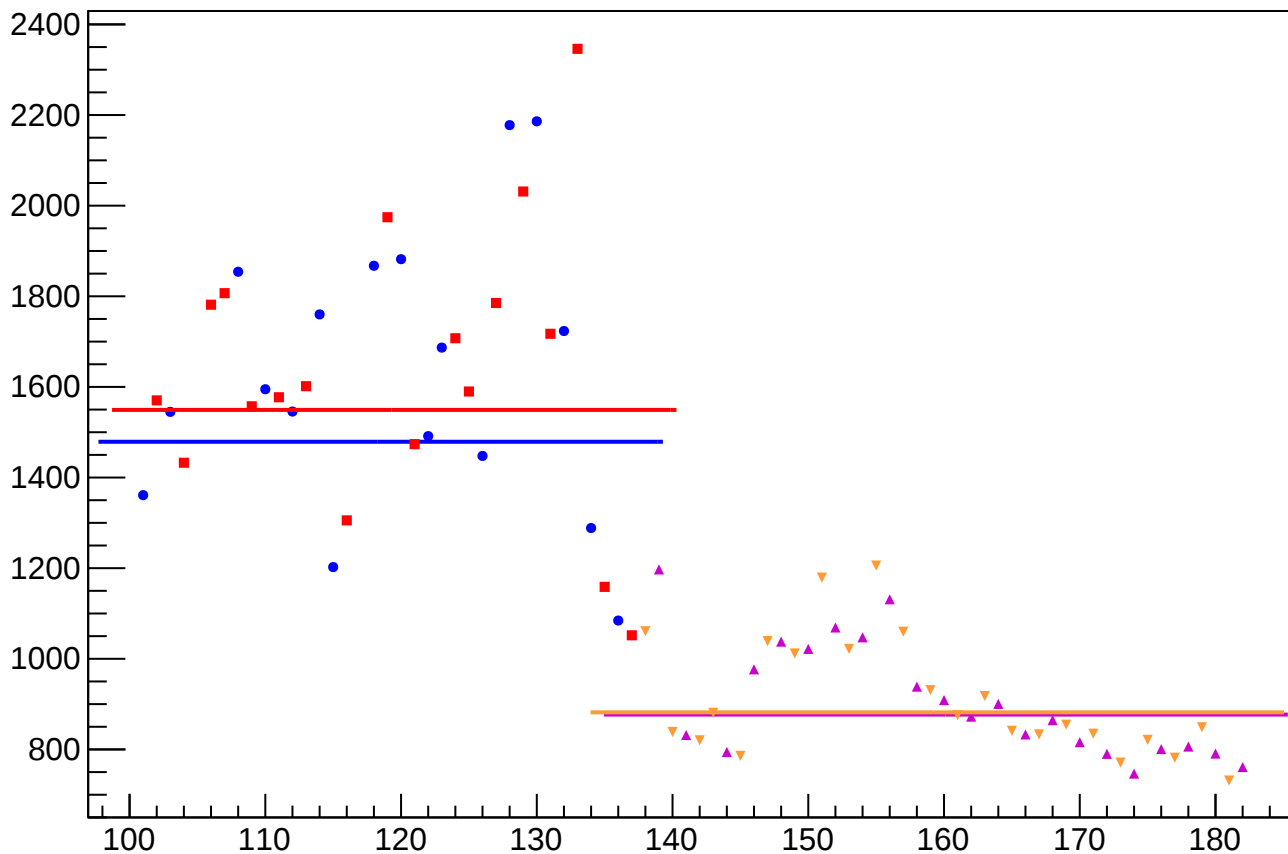
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -91.047 $\pm$ 199.904 χ^2 /NDF:51.1/38

Out: -721.420 $\pm$ 200.199 χ^2 /NDF:72.2/40

All: -405.769 $\pm$ 141.457 χ^2 /NDF: 128.3/79

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 881.833 $\pm$ 0.150 χ^2 /NDF: 581752.1/22

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 876.892 $\pm$ 0.150 χ^2 /NDF: 576159.2/21

Left: 879.363 $\pm$ 0.106 χ^2 /NDF: 1158451.2/44

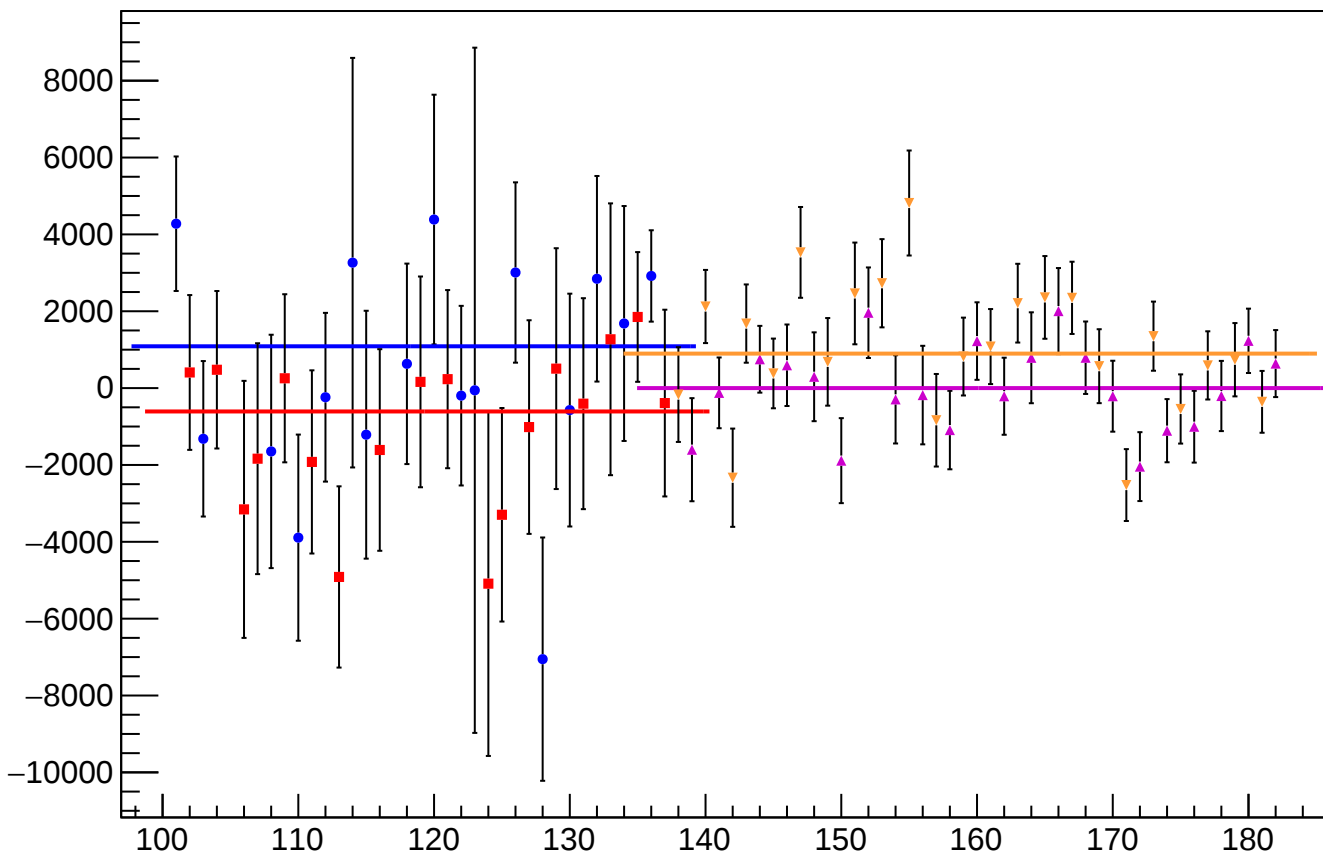
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 946.729 $\pm$ 0.141 χ^2 /NDF: 3026129.0/38

Out: 957.404 $\pm$ 0.142 χ^2 /NDF: 3276253.2/40

All: 952.058 $\pm$ 0.100 χ^2 /NDF: 6305229.7/79

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 897.617 $\pm$ 212.375 χ^2 /NDF:53.8/22

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 0.257 $\pm$ 212.425 χ^2 /NDF:26.3/21

Left: 449.042 $\pm$ 150.190 χ^2 /NDF: 89.0/44

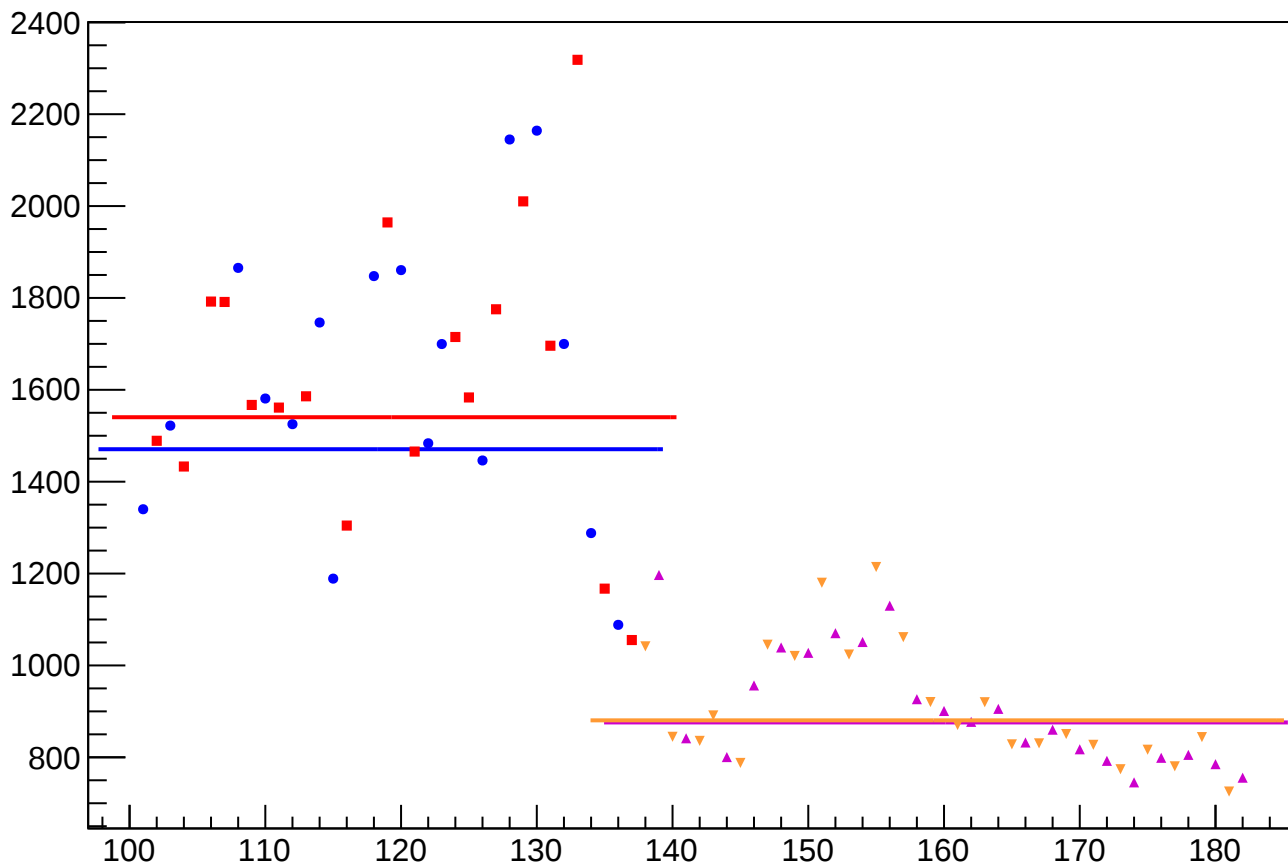
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 127.615 $\pm$ 199.602 χ^2 /NDF:51.2/38

Out: 725.721 $\pm$ 199.884 χ^2 /NDF:69.4/40

All: 426.245 $\pm$ 141.239 χ^2 /NDF: 125.1/79

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: 880.457 $\pm$ 0.150 χ^2 /NDF: 593559.8/22

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 875.910 $\pm$ 0.150 χ^2 /NDF: 574740.5/21

Left: 878.184 $\pm$ 0.106 χ^2 /NDF: 1168758.7/44

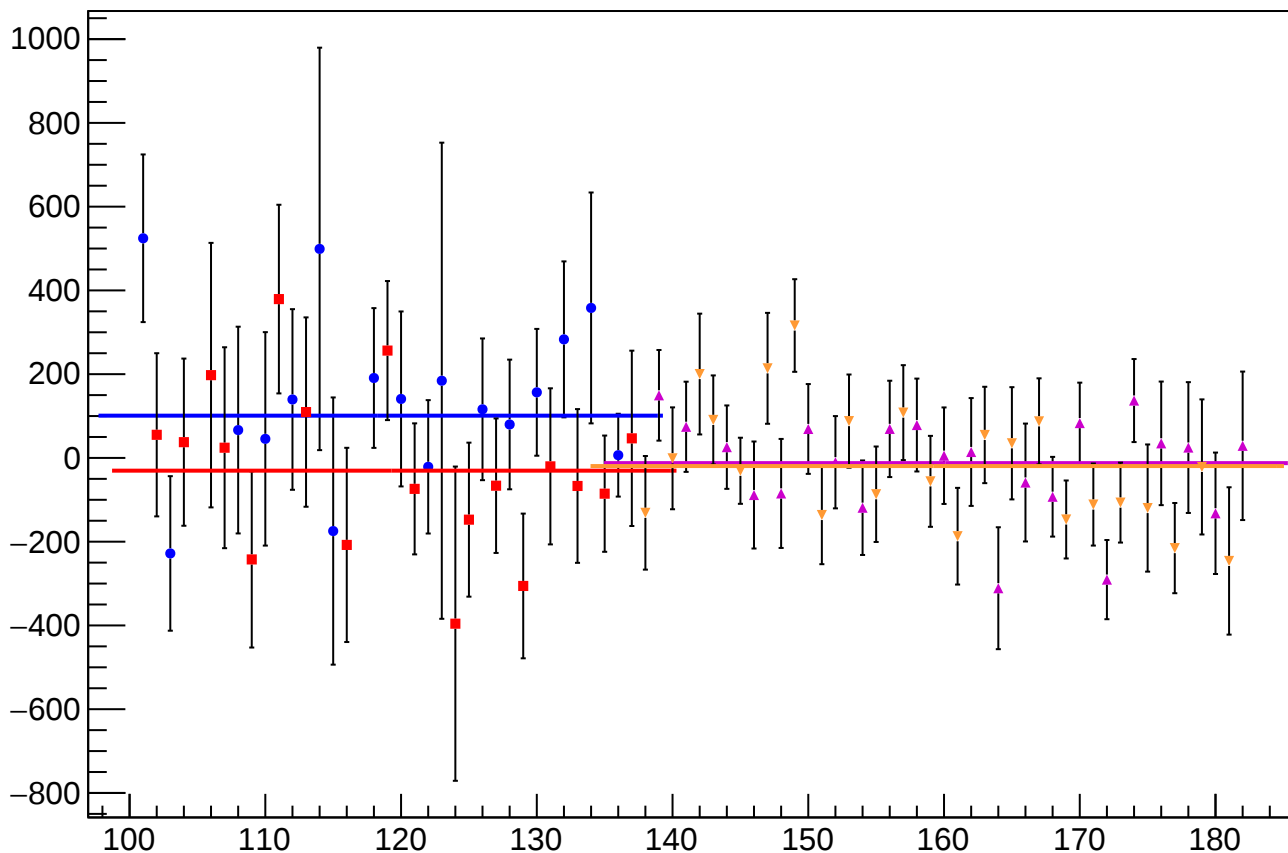
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 945.549 $\pm$ 0.141 χ^2 /NDF: 2978278.3/38

Out: 955.800 $\pm$ 0.141 χ^2 /NDF: 3240962.5/40

All: 950.667 $\pm$ 0.100 χ^2 /NDF: 6221874.3/79

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -19.425 ± 23.692 $\chi^2/\text{NDF}: 32.8/22$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -12.415 ± 24.780 $\chi^2/\text{NDF}: 24.2/21$

Left: -16.077 ± 17.125 $\chi^2/\text{NDF}: 57.1/44$

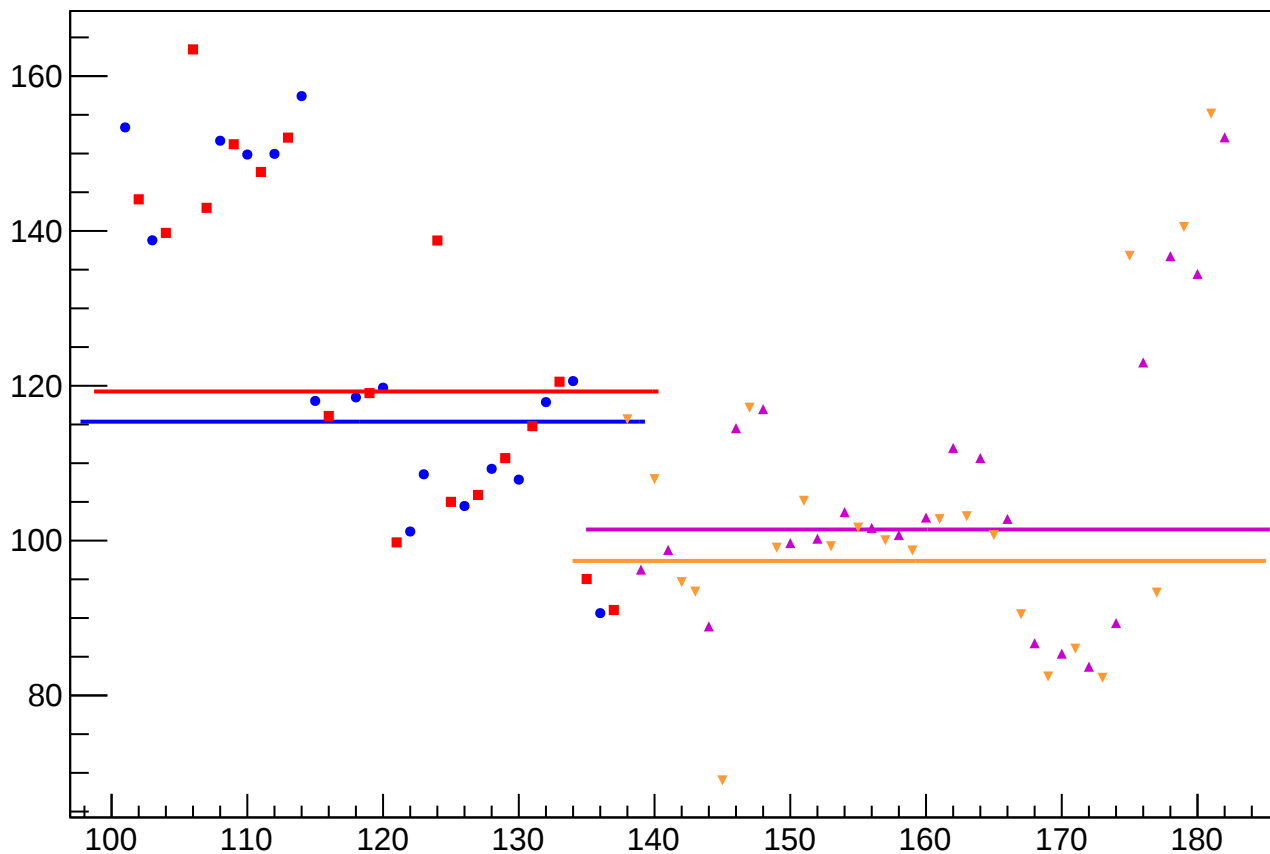
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 13.702 ± 21.738 $\chi^2/\text{NDF}: 42.1/38$

Out: -21.751 ± 21.034 $\chi^2/\text{NDF}: 46.4/40$

All: -4.608 ± 15.116 $\chi^2/\text{NDF}: 89.9/79$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.378 $\pm$ 0.017 χ^2 /NDF:1015833.9/22

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.433 $\pm$ 0.018 χ^2 /NDF:725403.7/21

Left: 99.315 $\pm$ 0.012 χ^2 /NDF: 1769212.3/44

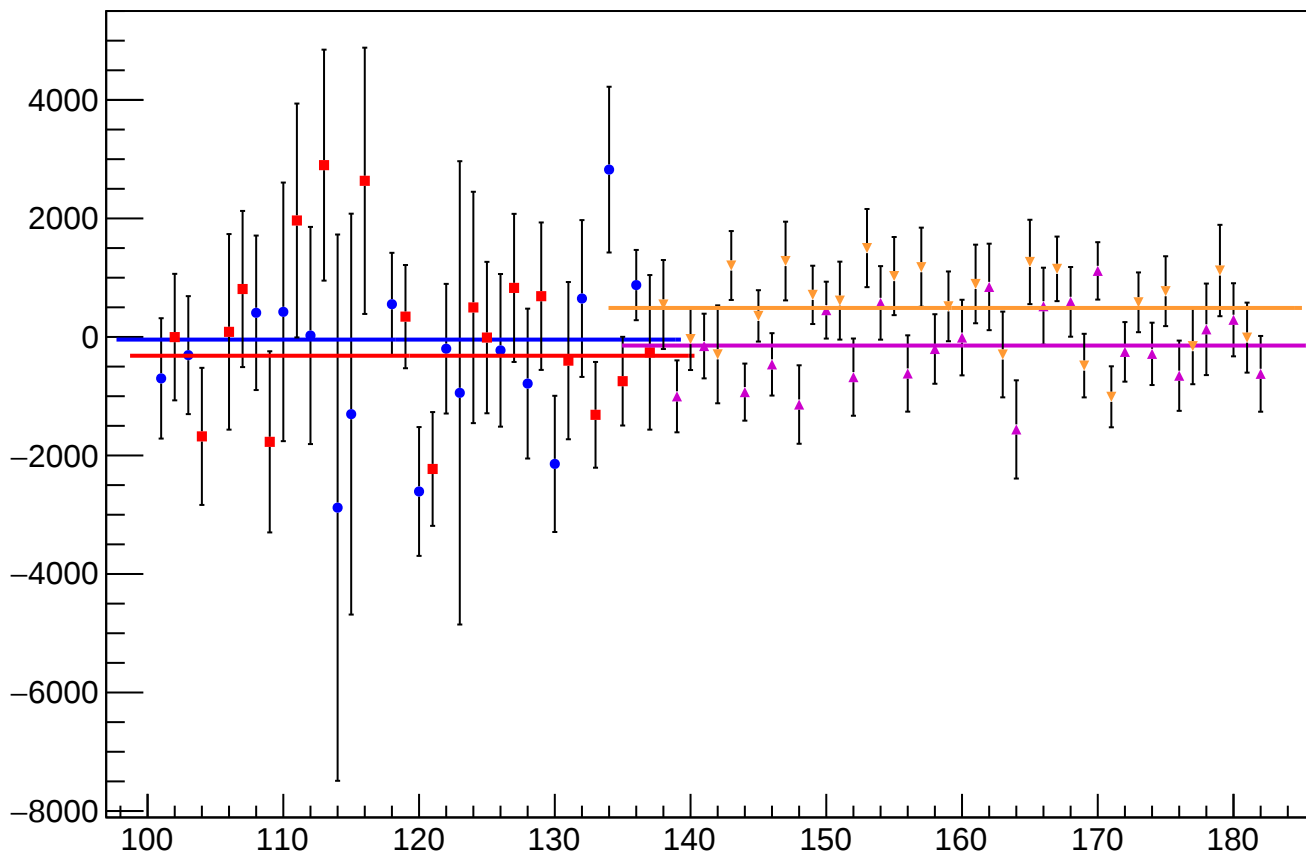
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 104.644 $\pm$ 0.015 χ^2 /NDF:1282480.6/38

Out: 102.012 $\pm$ 0.015 χ^2 /NDF:1775511.9/40

All: 103.285 $\pm$ 0.011 χ^2 /NDF: 3073128.0/79

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 489.502 $\pm$ 124.823 χ^2 /NDF:27.9/22

Right Out: -316.976 $\pm$ 283.113 χ^2 /NDF: 16.8/17

Left In: -145.034 $\pm$ 125.626 χ^2 /NDF:27.6/21

Left: 174.270 $\pm$ 88.546 χ^2 /NDF: 68.3/44

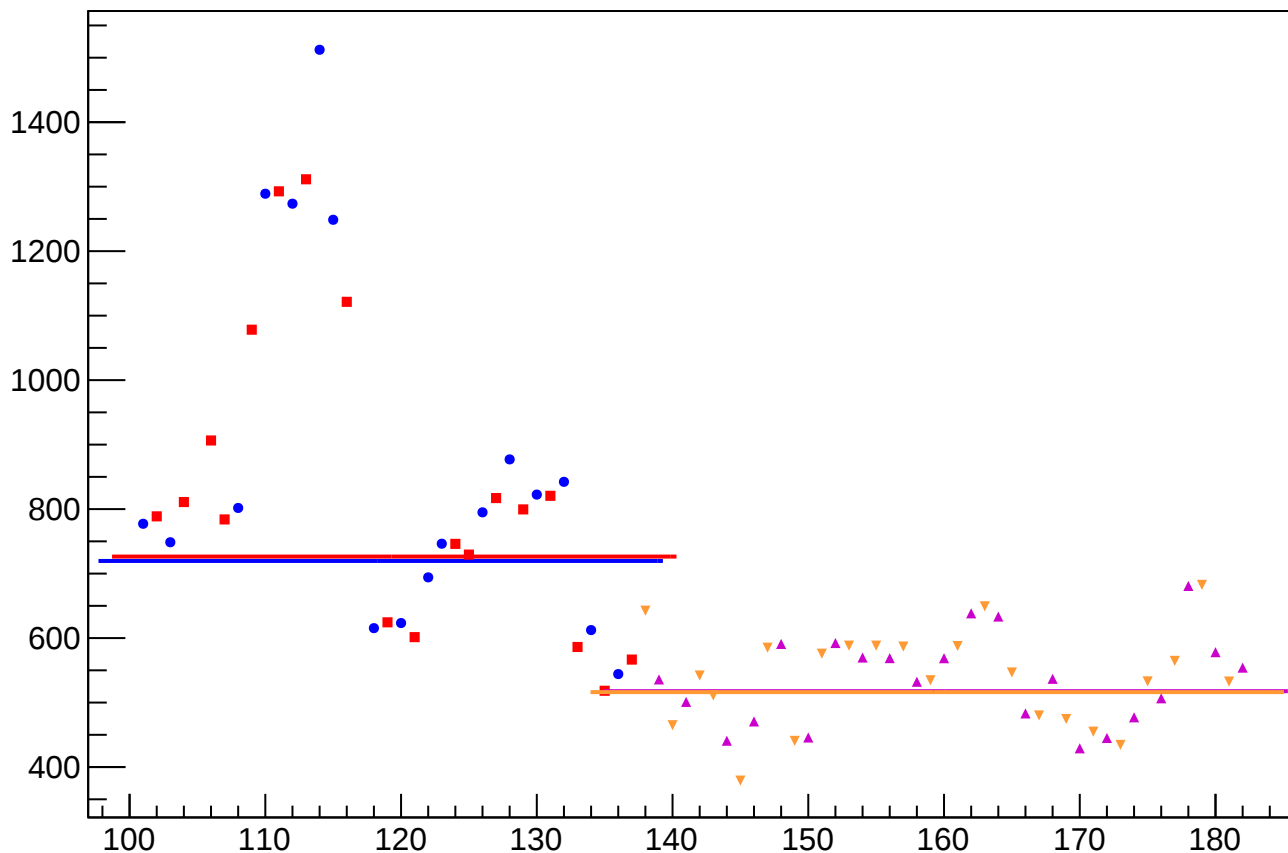
Right: -182.282 $\pm$ 201.303 χ^2 /NDF: 35.1/34

In: -128.809 $\pm$ 115.038 χ^2 /NDF:45.6/38

Out: 358.247 $\pm$ 114.214 χ^2 /NDF:51.5/40

All: 116.468 $\pm$ 81.051 χ^2 /NDF: 106.1/79

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: 516.215 $\pm$ 0.088 χ^2 /NDF: 739824.1/22

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 517.675 $\pm$ 0.089 χ^2 /NDF: 544649.0/21

Left: 516.940 $\pm$ 0.063 χ^2 /NDF: 1284608.9/44

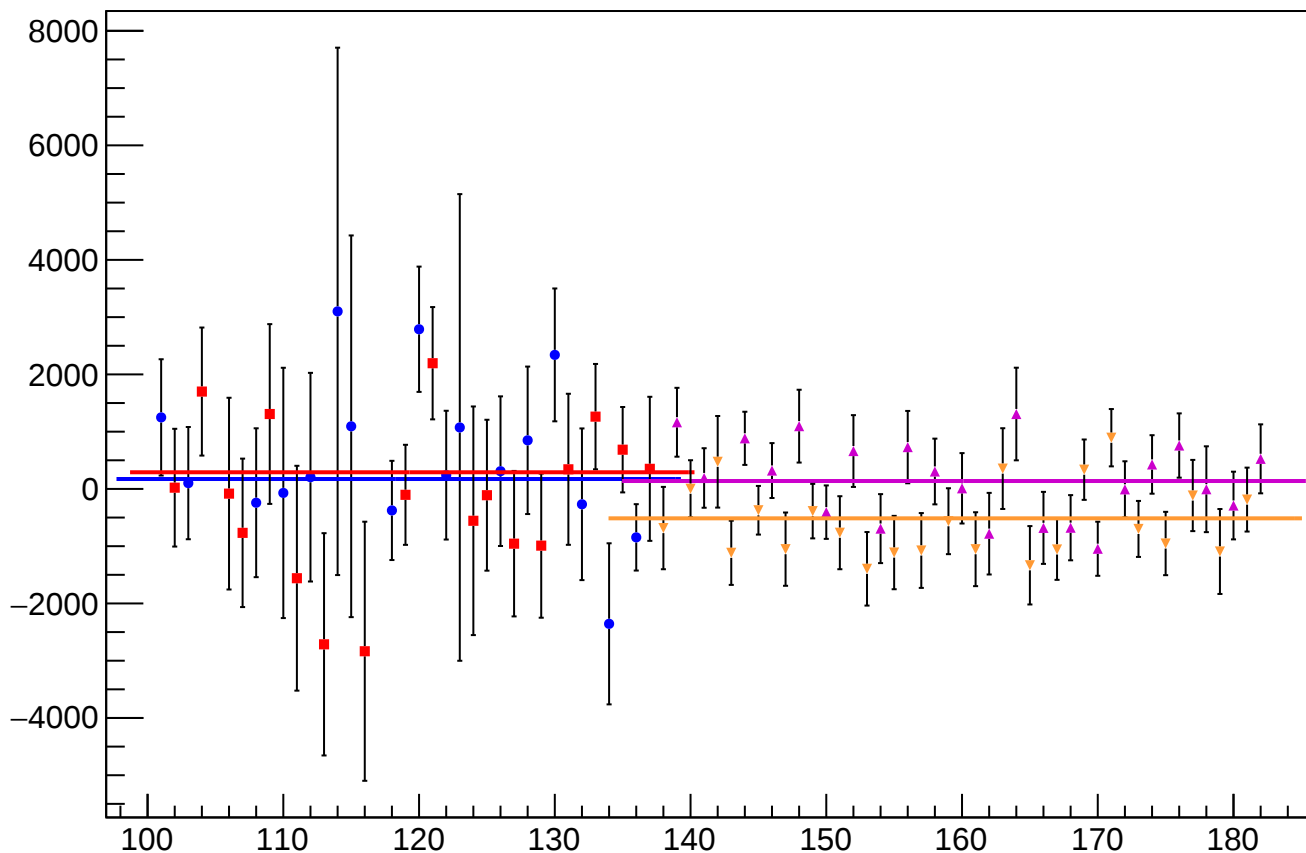
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 550.280 $\pm$ 0.081 χ^2 /NDF: 2125974.2/38

Out: 550.422 $\pm$ 0.081 χ^2 /NDF: 2543717.9/40

All: 550.352 $\pm$ 0.057 χ^2 /NDF: 4669693.6/79

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 ± 285.672 χ^2/NDF : 18.1/16

Left Out: -513.603 ± 120.782 χ^2/NDF : 25.7/22

Right Out: 290.799 ± 283.545 χ^2/NDF : 15.6/17

Left In: 138.195 ± 121.119 χ^2/NDF : 29.3/21

Left: -188.610 ± 85.525 χ^2/NDF : 69.5/44

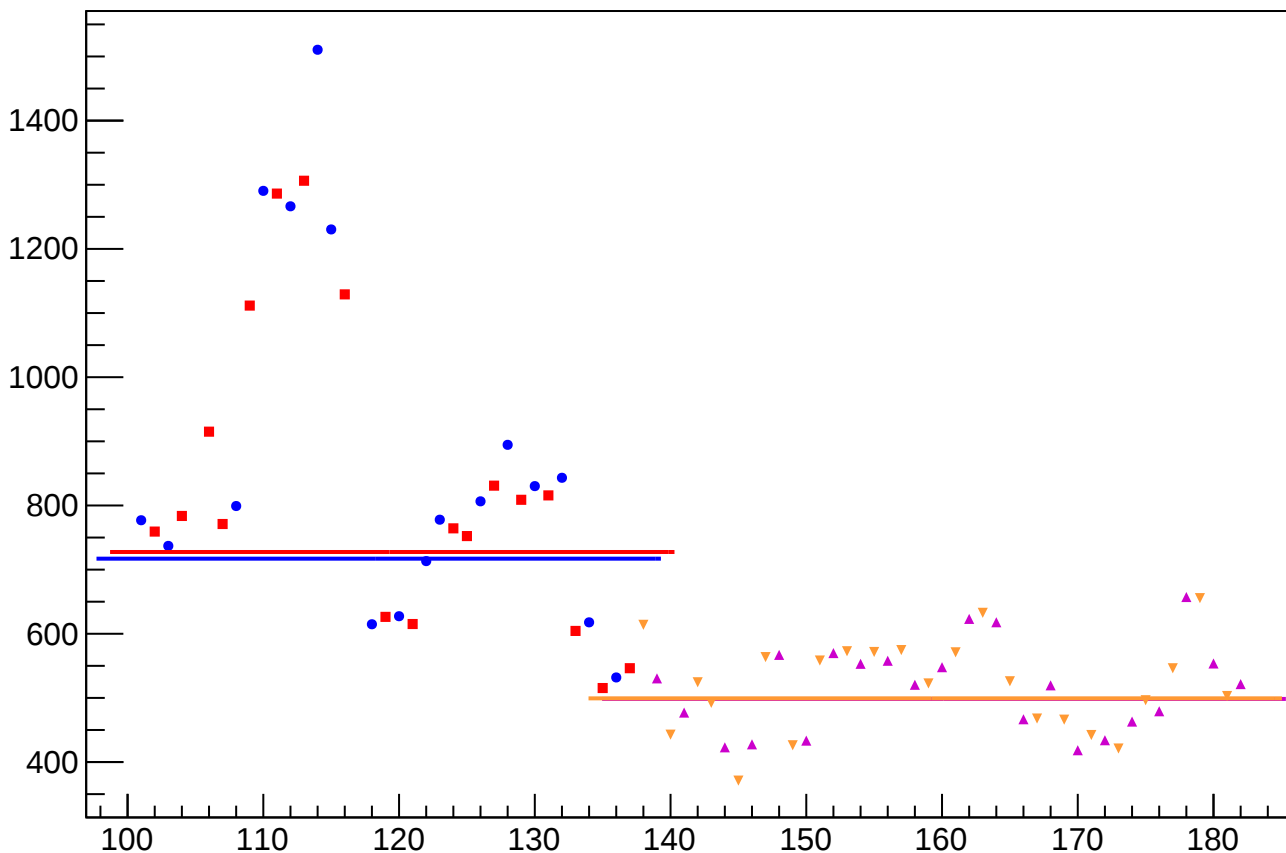
Right: 232.430 ± 201.245 χ^2/NDF : 33.8/34

In: 143.526 ± 111.510 χ^2/NDF : 47.4/38

Out: -390.060 ± 111.121 χ^2/NDF : 48.1/40

All: -124.201 ± 78.712 χ^2/NDF : 107.0/79

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 499.289 $\pm$ 0.085 χ^2/NDF : 718868.3/22

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 498.408 $\pm$ 0.086 χ^2/NDF : 570662.5/21

Left: 498.850 $\pm$ 0.060 χ^2/NDF : 1289583.9/44

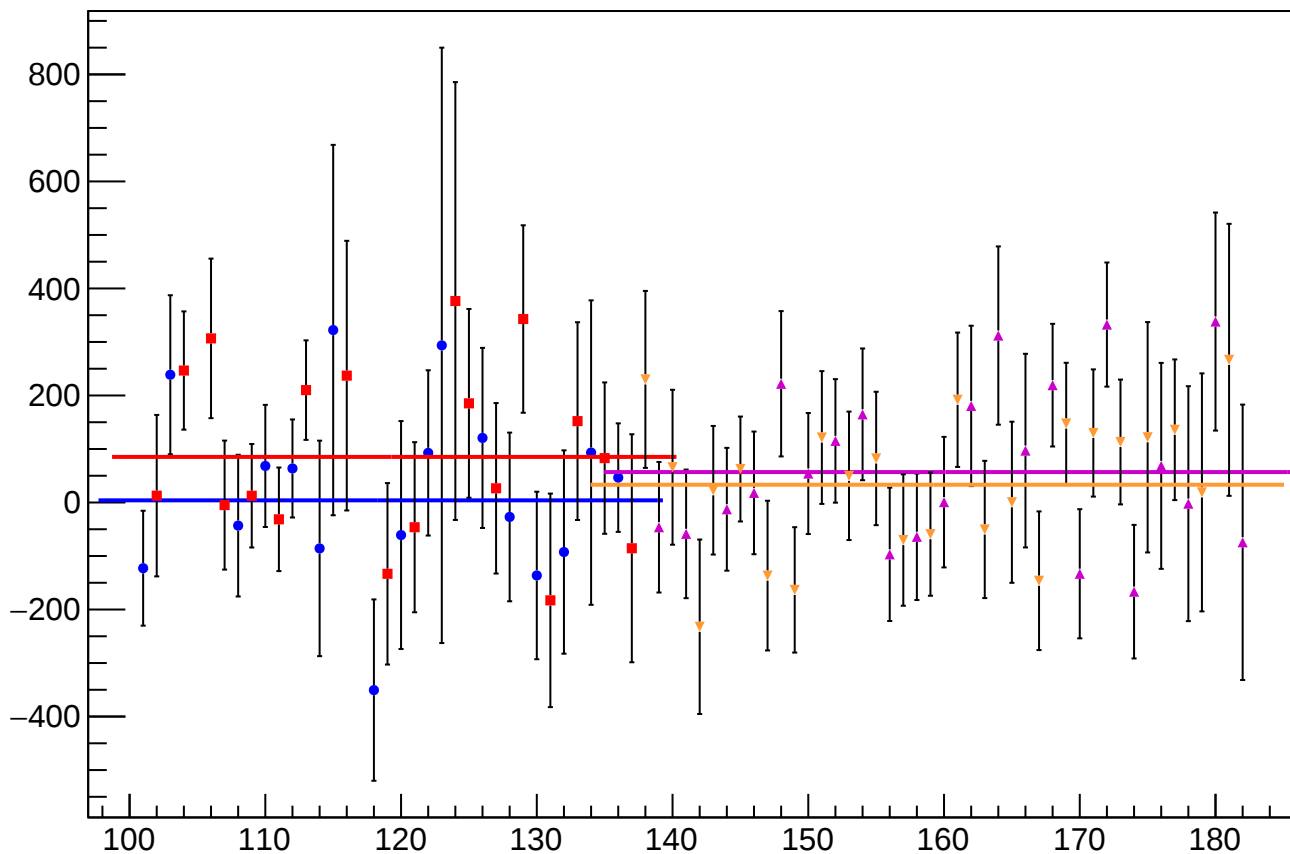
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 531.727 $\pm$ 0.079 χ^2/NDF : 2346451.9/38

Out: 534.337 $\pm$ 0.079 χ^2/NDF : 2696386.7/40

All: 533.037 $\pm$ 0.056 χ^2/NDF : 5043388.3/79

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 33.185 ± 27.475 $\chi^2/\text{NDF}: 18.3/22$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 56.849 ± 28.323 $\chi^2/\text{NDF}: 26.1/21$

Left: 44.657 ± 19.721 $\chi^2/\text{NDF}: 44.7/44$

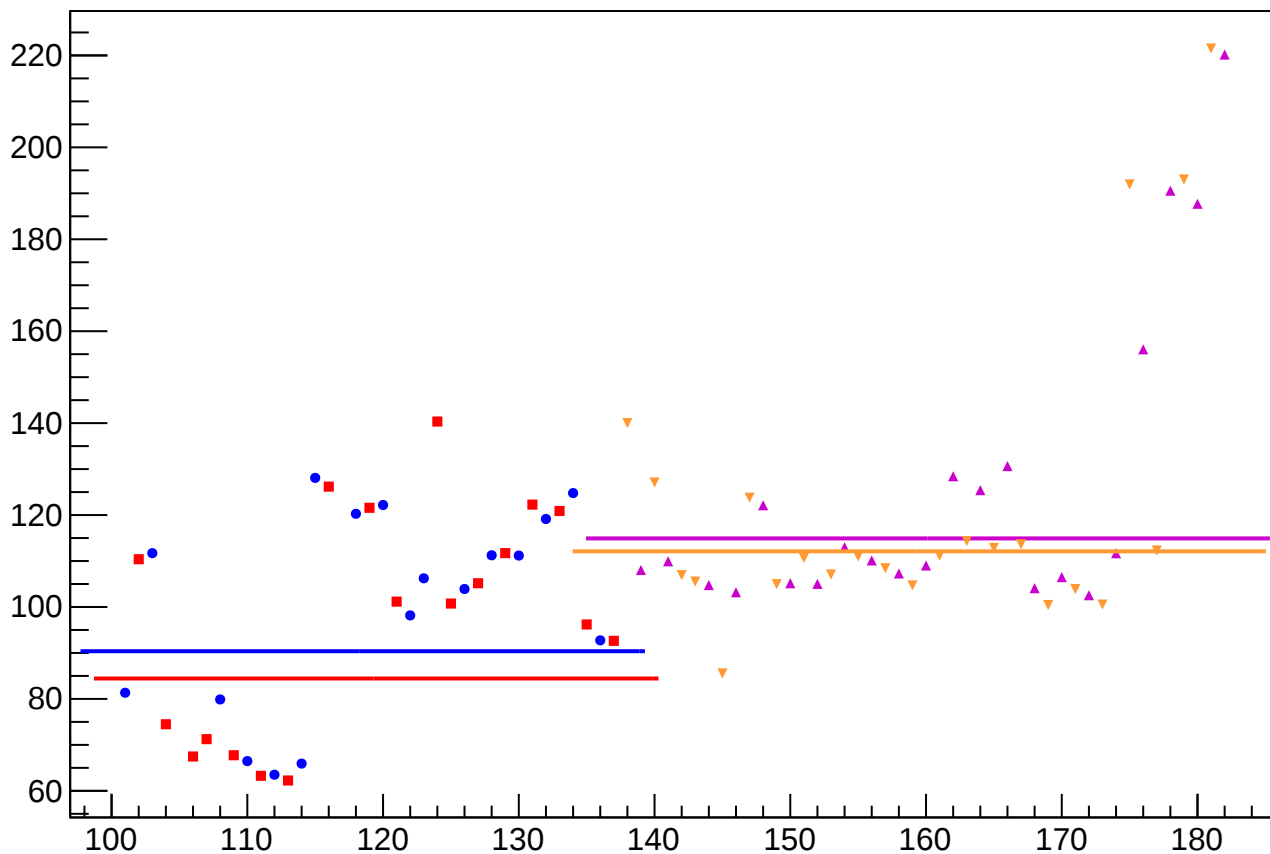
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 36.613 ± 22.248 $\chi^2/\text{NDF}: 40.1/38$

Out: 54.170 ± 21.222 $\chi^2/\text{NDF}: 37.1/40$

All: 45.806 ± 15.356 $\chi^2/\text{NDF}: 77.6/79$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 112.109 $\pm$ 0.019 χ^2 /NDF:1230276.9/22

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 114.918 $\pm$ 0.020 χ^2 /NDF:1107958.2/21

Left: 113.471 $\pm$ 0.014 χ^2 /NDF: 2348371.1/44

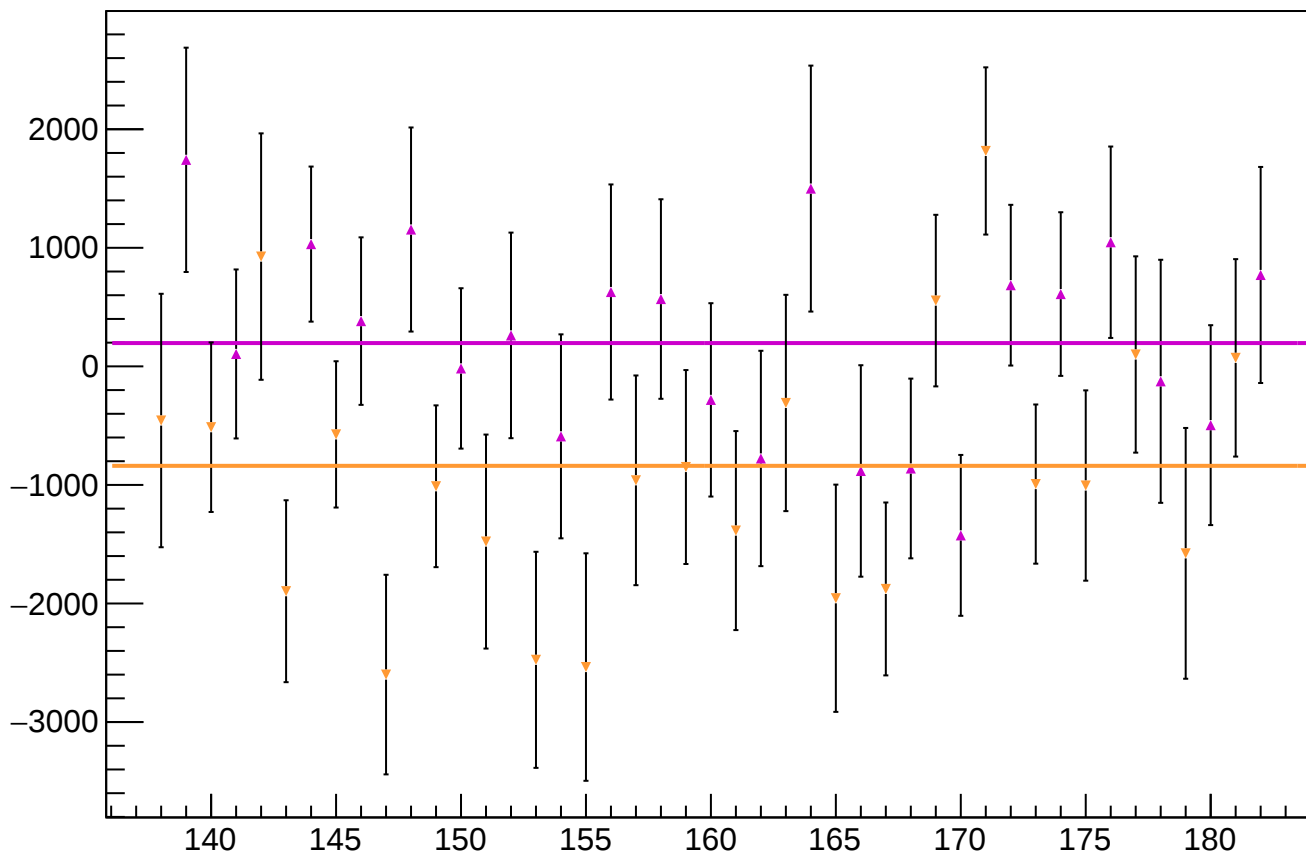
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 105.519 $\pm$ 0.016 χ^2 /NDF:2337250.0/38

Out: 100.948 $\pm$ 0.015 χ^2 /NDF:2919233.5/40

All: 103.126 $\pm$ 0.011 χ^2 /NDF: 5300674.8/79

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -838.943+/-168.997 χ^2/NDF :41.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.520+/-170.342 χ^2/NDF :22.3/21

Left: -325.314+/-119.972 χ^2/NDF : 82.7/44

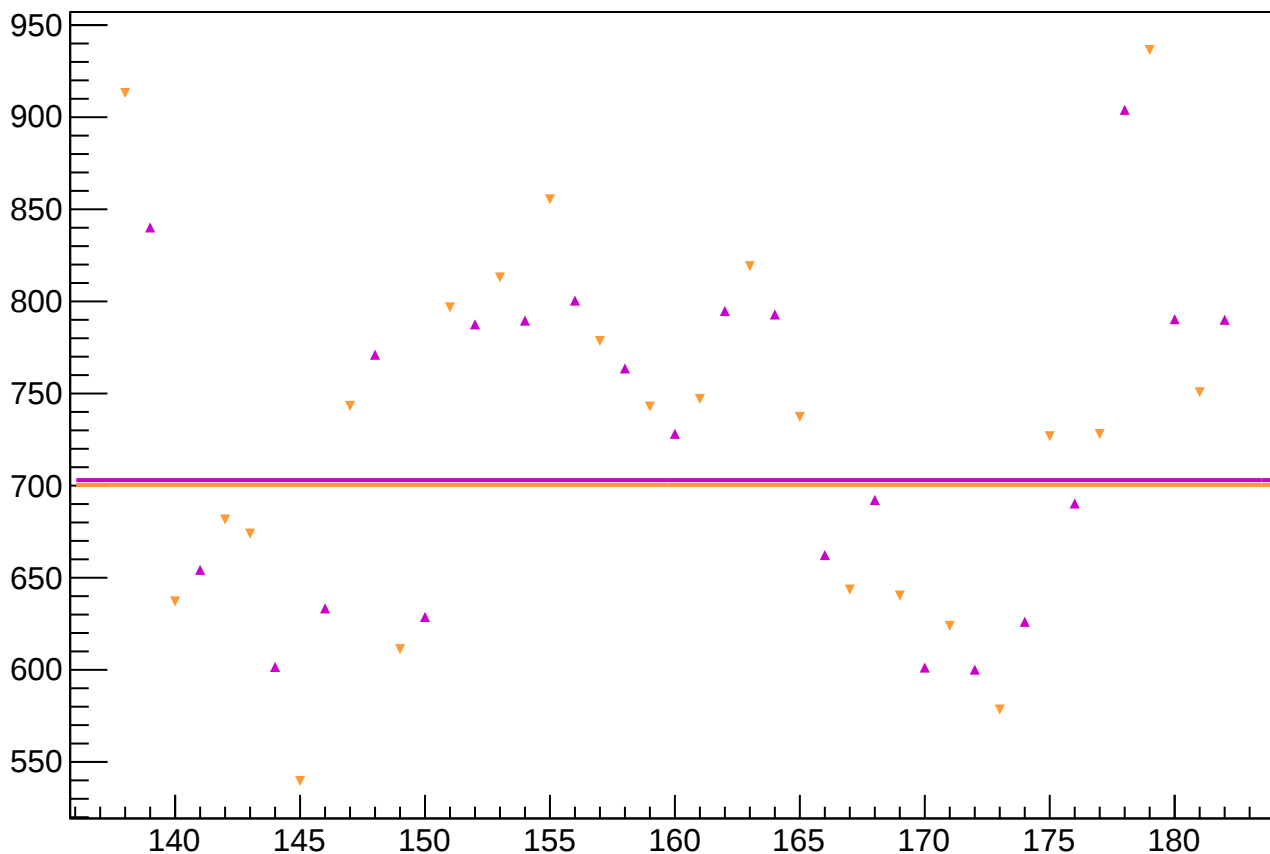
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.520+/-170.342 χ^2/NDF :22.3/21

Out: -838.943+/-168.997 χ^2/NDF :41.7/22

All: -325.314+/-119.972 χ^2/NDF : 82.7/44

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.400+/-0.119 χ^2/NDF :669458.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 702.995+/-0.120 χ^2/NDF :503255.3/21

Left: 701.687+/-0.085 χ^2/NDF : 1172948.0/44

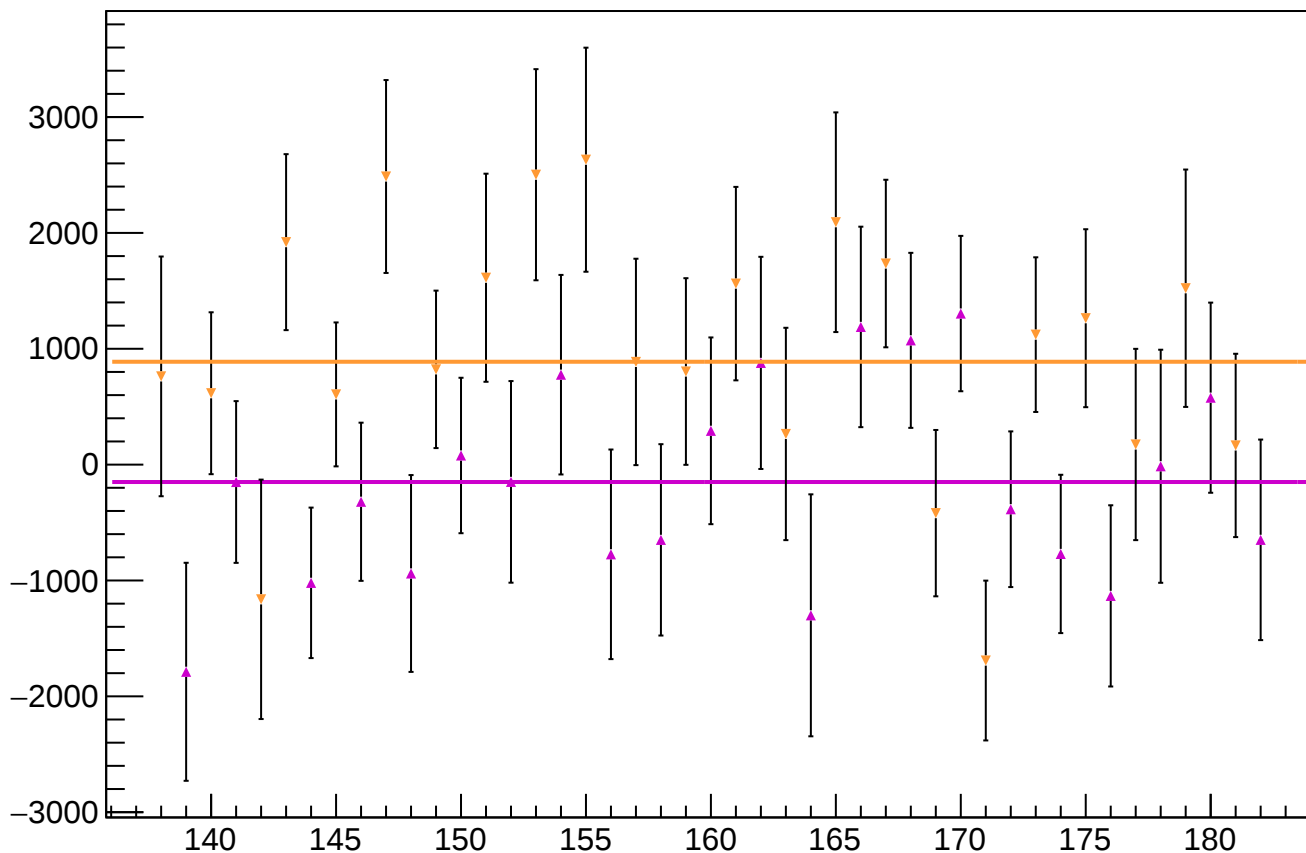
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.995+/-0.120 χ^2/NDF :503255.3/21

Out: 700.400+/-0.119 χ^2/NDF :669458.8/22

All: 701.687+/-0.085 χ^2/NDF : 1172948.0/44

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 887.982+/-167.085 χ^2/NDF :40.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -150.068+/-168.008 χ^2/NDF :24.0/21

Left: 371.816+/-118.472 χ^2/NDF : 83.9/44

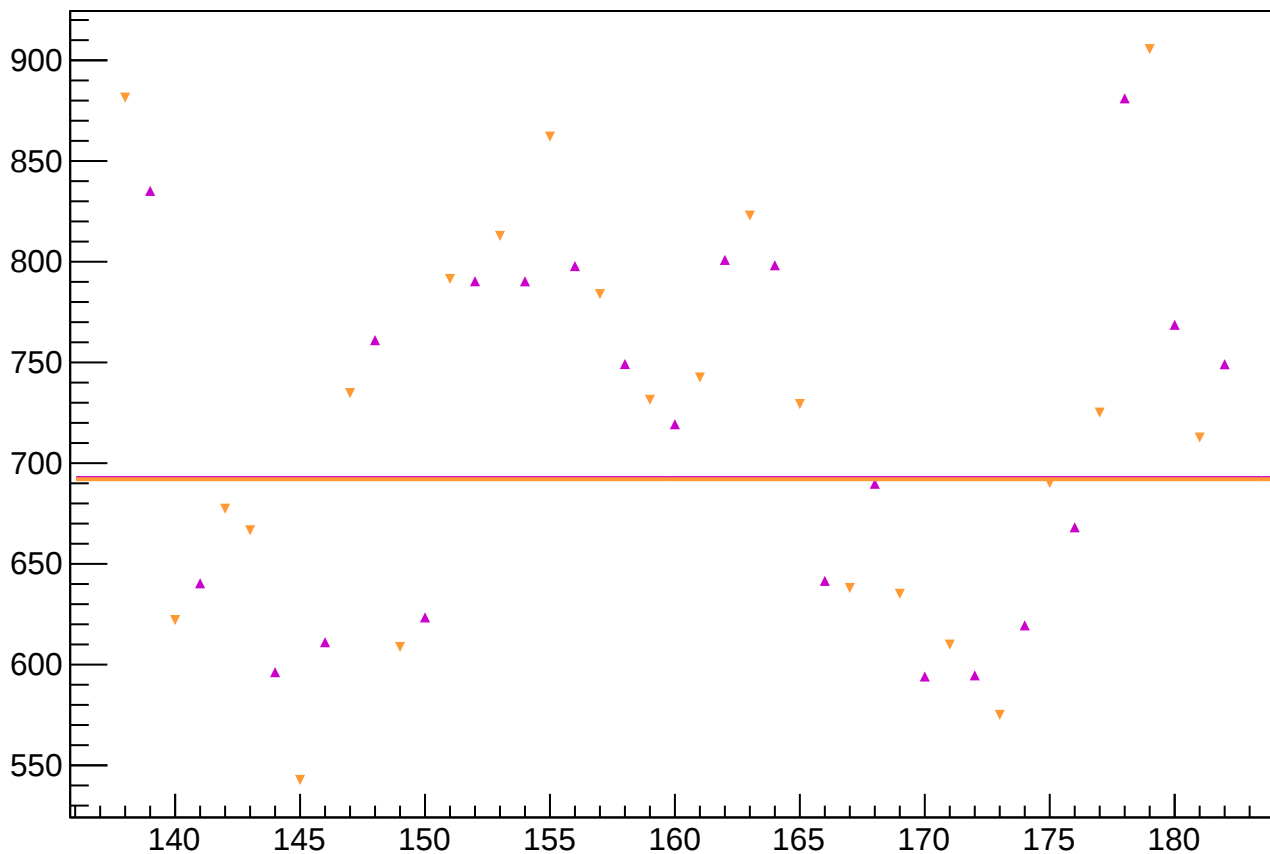
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -150.068+/-168.008 χ^2/NDF :24.0/21

Out: 887.982+/-167.085 χ^2/NDF :40.6/22

All: 371.816+/-118.472 χ^2/NDF : 83.9/44

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.039+/-0.118 χ^2/NDF : 644359.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 692.619+/-0.119 χ^2/NDF : 515500.5/21

Left: 692.327+/-0.084 χ^2/NDF : 1159872.0/44

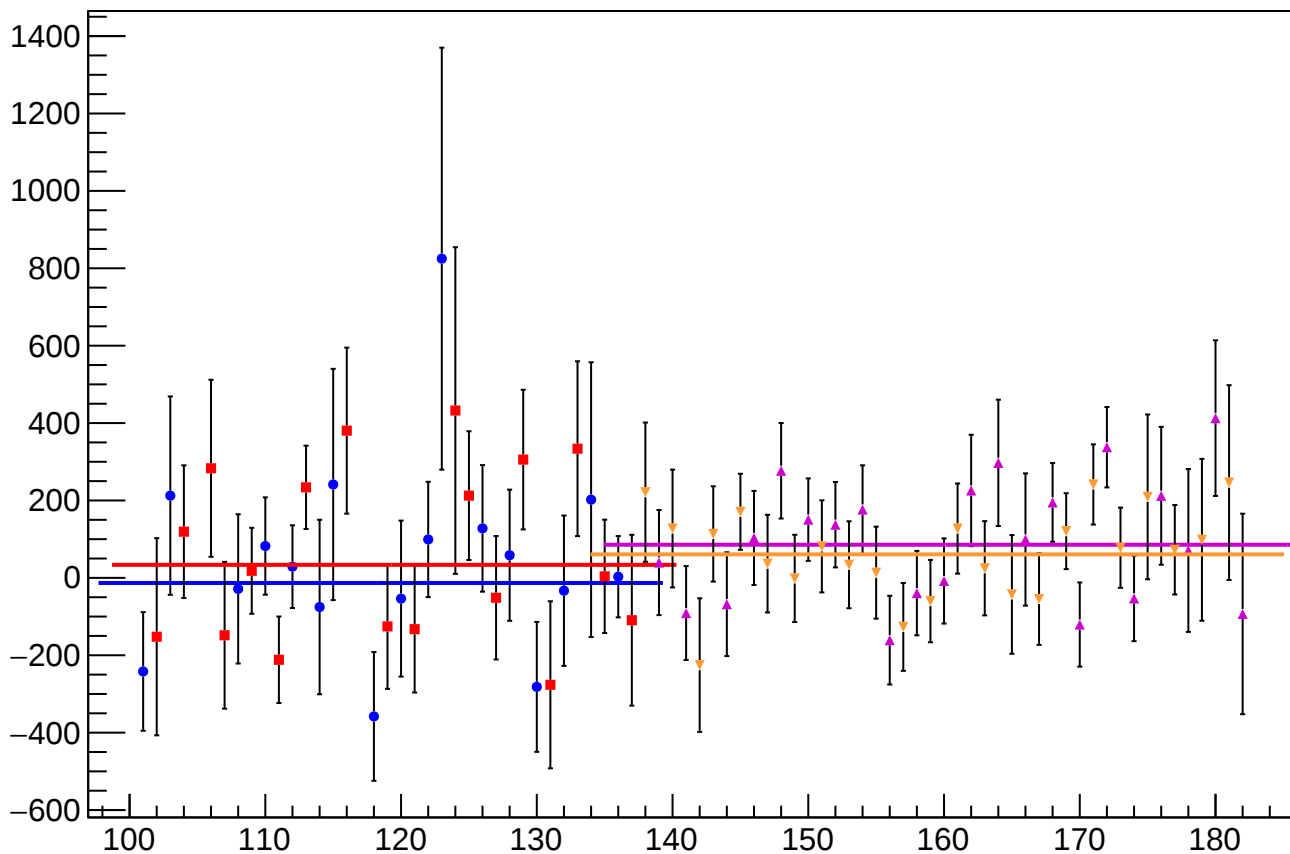
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 692.619+/-0.119 χ^2/NDF : 515500.5/21

Out: 692.039+/-0.118 χ^2/NDF : 644359.5/22

All: 692.327+/-0.084 χ^2/NDF : 1159872.0/44

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 60.736 ± 25.946 χ^2/NDF : 16.1/22

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 85.624 ± 27.016 χ^2/NDF : 32.3/21

Left: 72.677 ± 18.713 χ^2/NDF : 48.9/44

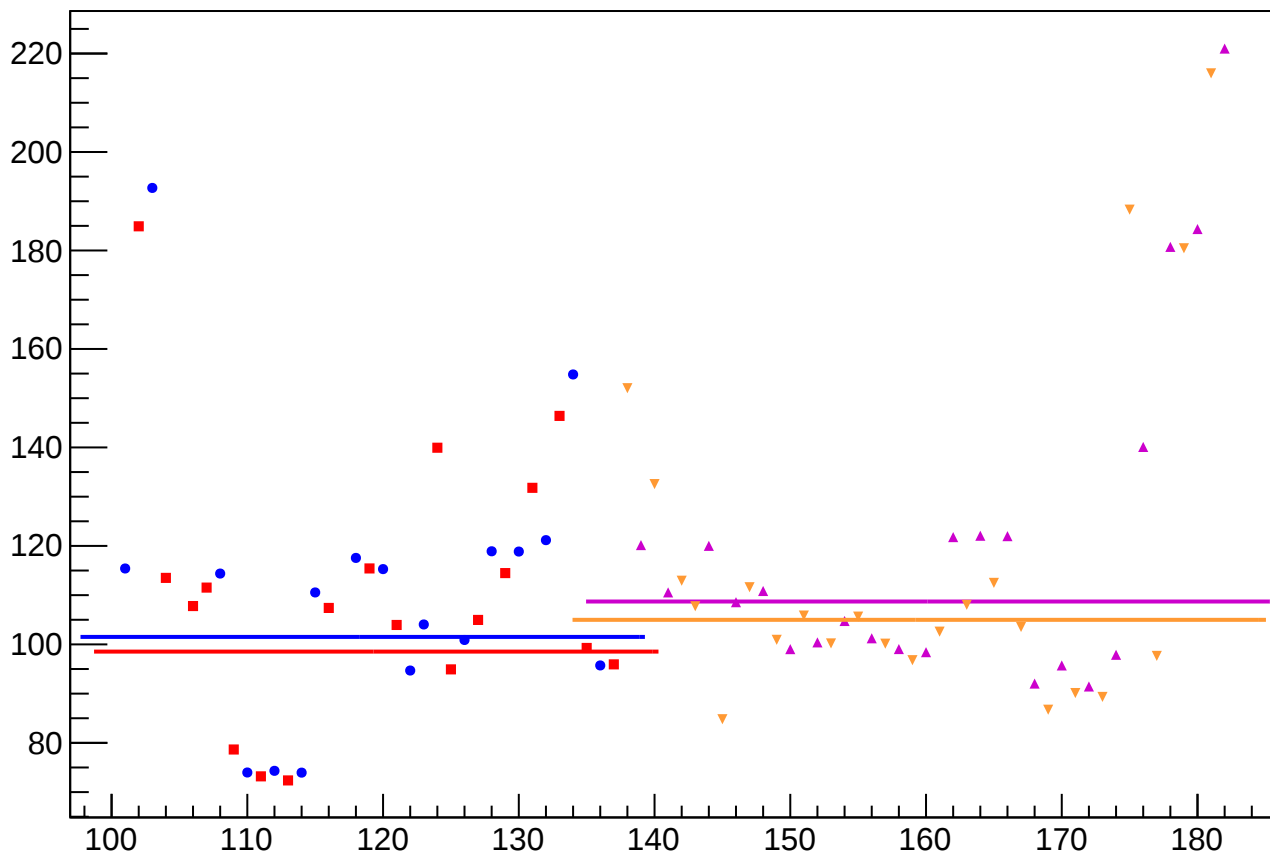
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 55.243 ± 22.484 χ^2/NDF : 52.1/38

Out: 52.390 ± 21.583 χ^2/NDF : 41.1/40

All: 53.758 ± 15.570 χ^2/NDF : 93.3/79

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 104.987 $\pm$ 0.018 χ^2 /NDF: 1445870.9/22

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 108.708 $\pm$ 0.019 χ^2 /NDF: 1255171.4/21

Left: 106.772 $\pm$ 0.013 χ^2 /NDF: 2720772.9/44

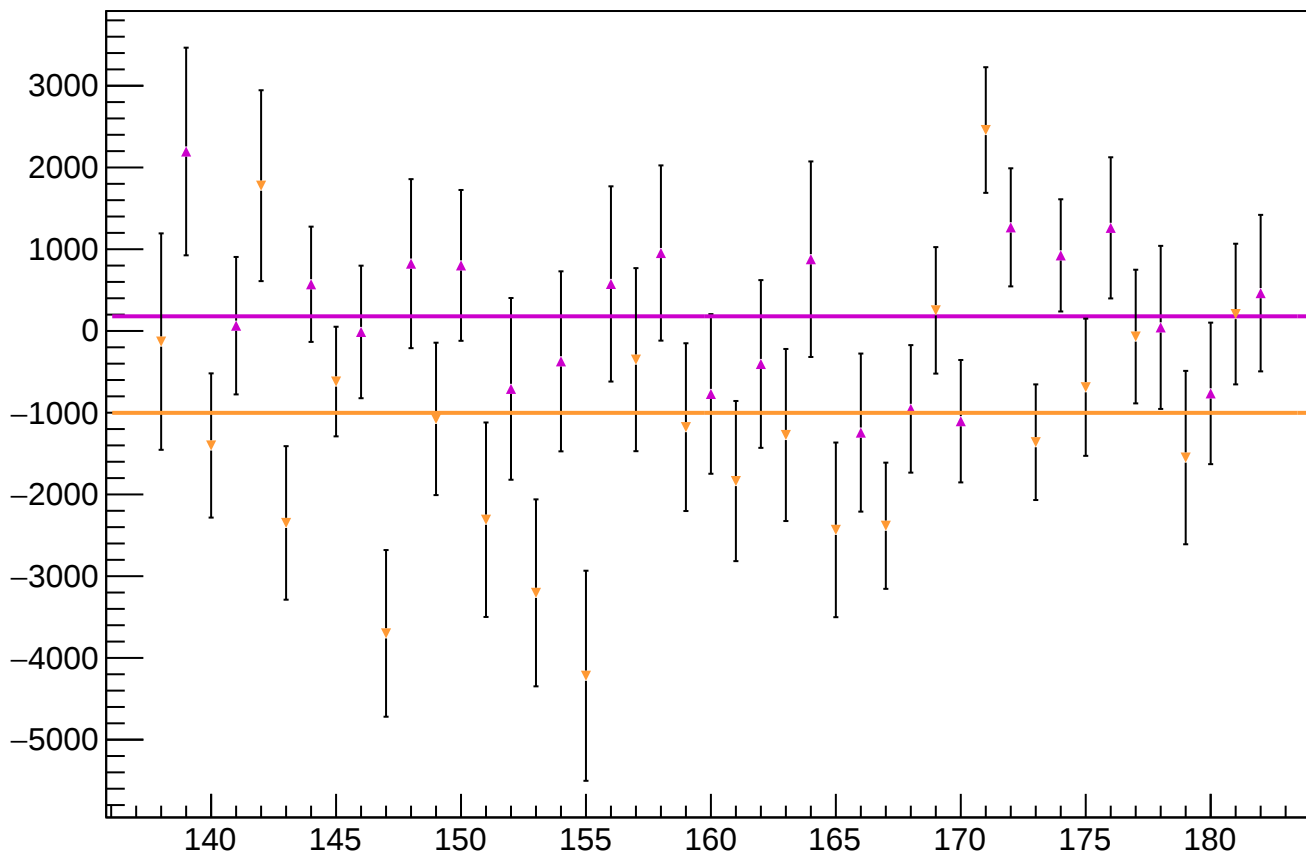
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 106.498 $\pm$ 0.016 χ^2 /NDF: 1980410.0/38

Out: 103.000 $\pm$ 0.015 χ^2 /NDF: 2230925.2/40

All: 104.678 $\pm$ 0.011 χ^2 /NDF: 4236522.9/79

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1001.761+/-192.809 χ^2/NDF :59.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 179.319+/-192.852 χ^2/NDF :20.4/21

Left: -411.351+/-136.352 χ^2/NDF : 99.0/44

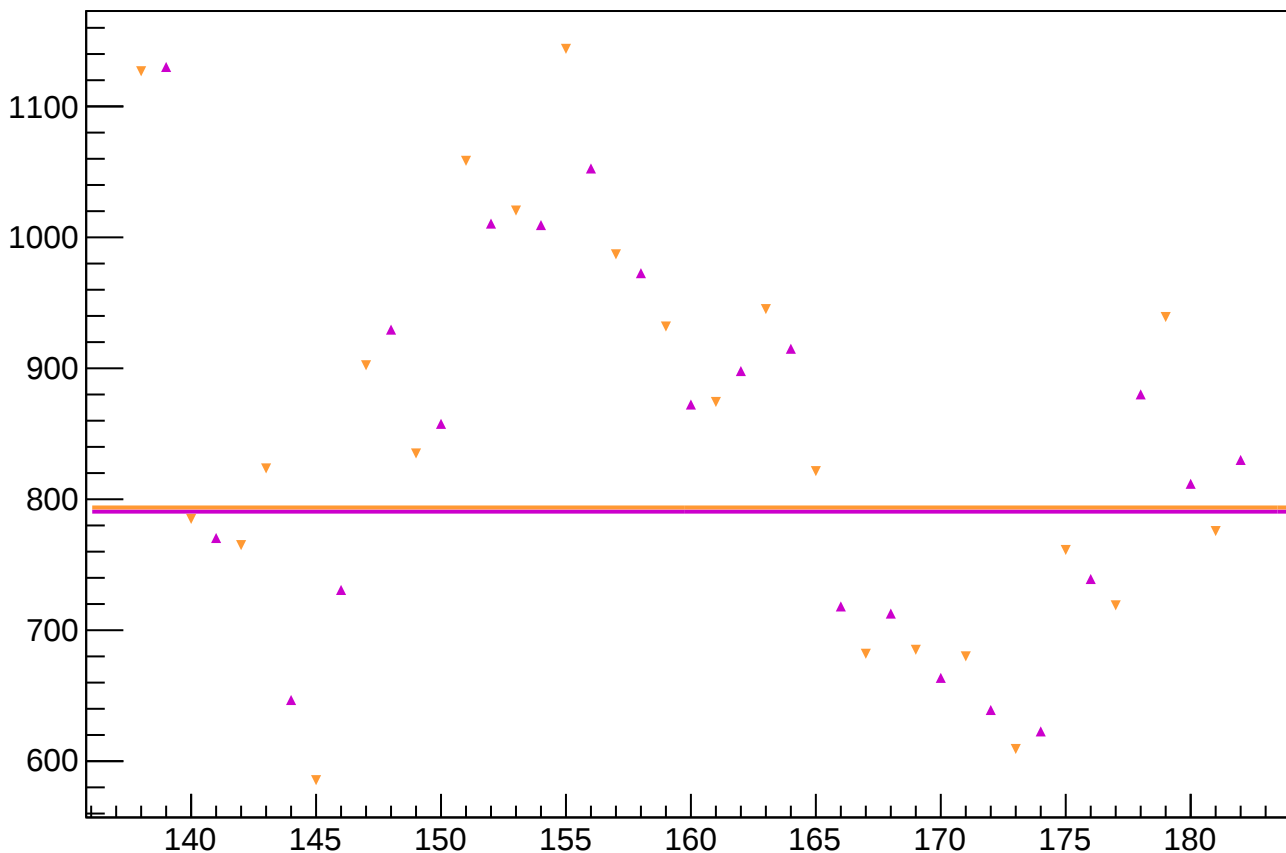
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 179.319+/-192.852 χ^2/NDF :20.4/21

Out: -1001.761+/-192.809 χ^2/NDF :59.9/22

All: -411.351+/-136.352 χ^2/NDF : 99.0/44

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Left: 792.146+/-0.096 χ^2/NDF : 2125085.6/44

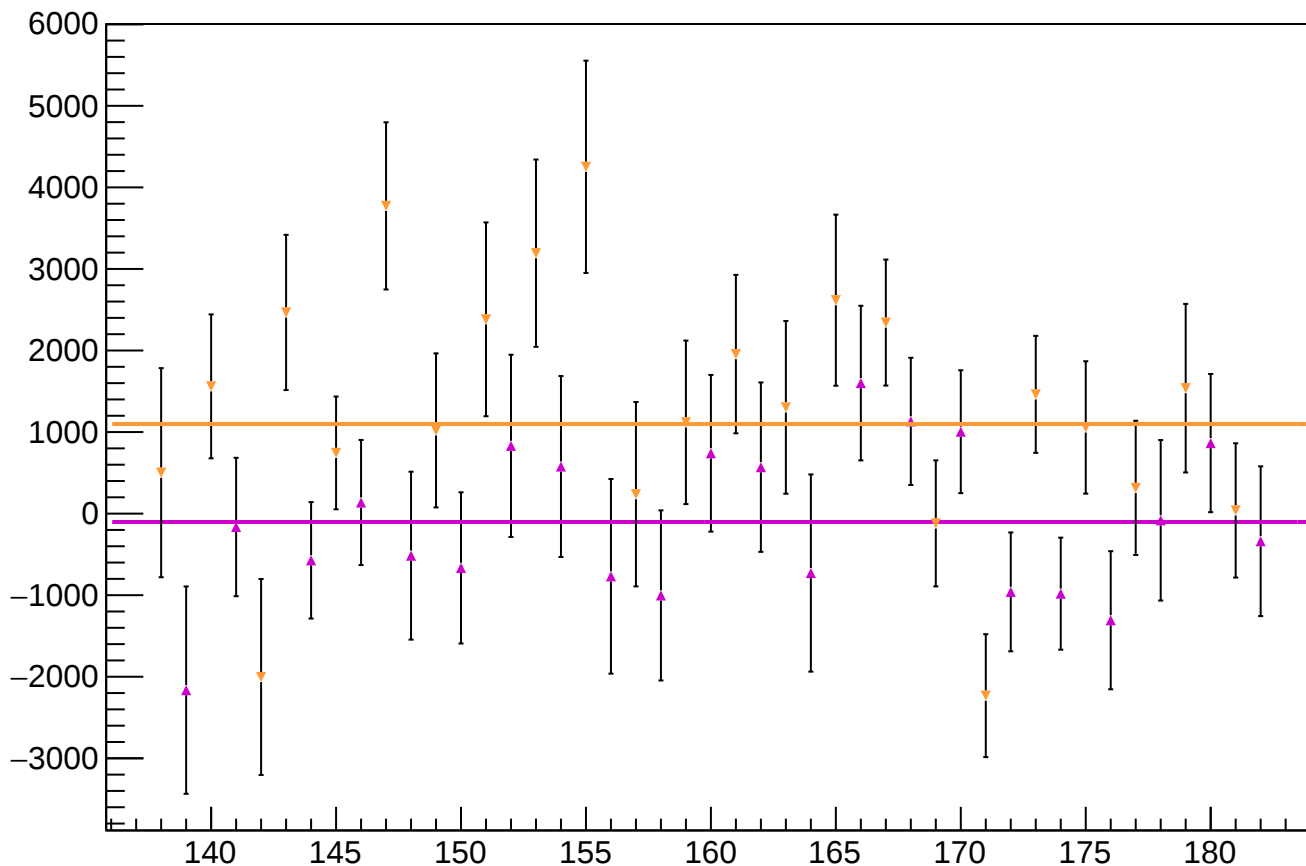
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

All: 792.146+/-0.096 χ^2/NDF : 2125085.6/44

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1098.779+/-192.406 χ^2/NDF : 57.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -102.508+/-191.608 χ^2/NDF : 21.6/21

Left: 495.641+/-135.768 χ^2/NDF : 98.9/44

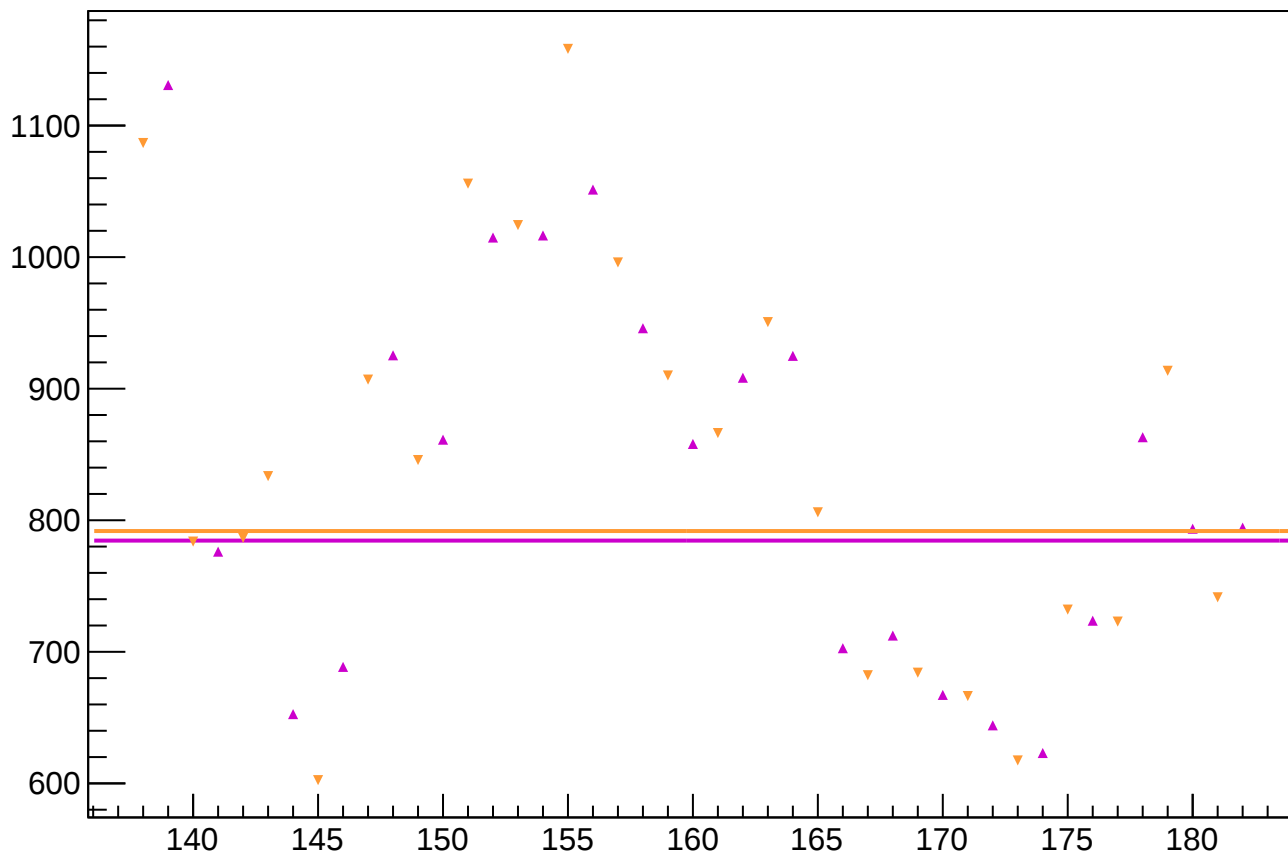
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.508+/-191.608 χ^2/NDF : 21.6/21

Out: 1098.779+/-192.406 χ^2/NDF : 57.8/22

All: 495.641+/-135.768 χ^2/NDF : 98.9/44

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Left: 788.159+/-0.096 χ^2/NDF : 2070927.0/44

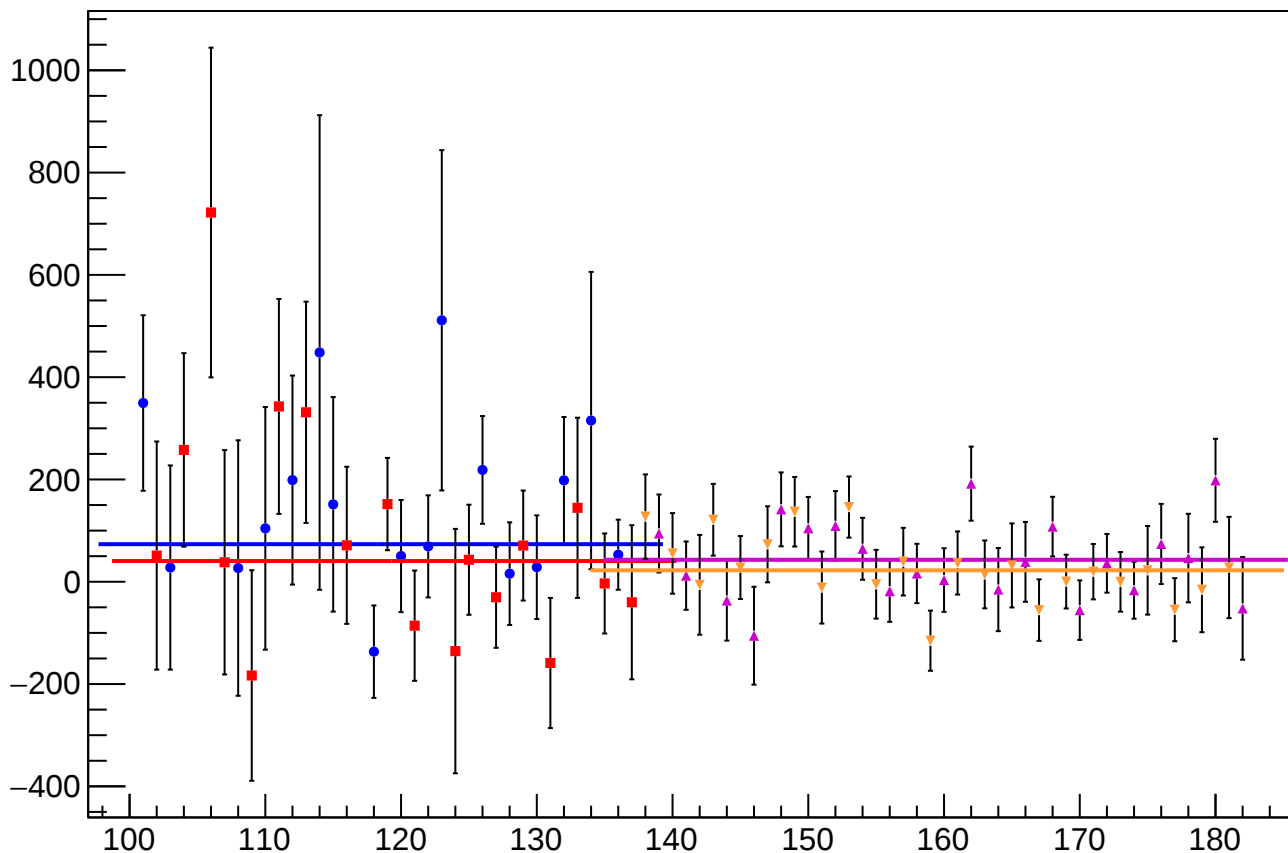
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

All: 788.159+/-0.096 χ^2/NDF : 2070927.0/44

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 22.426 $\pm$ 14.068 χ^2 /NDF:21.2/22

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 42.958 $\pm$ 14.559 χ^2 /NDF:24.4/21

Left: 32.341 $\pm$ 10.117 χ^2 /NDF: 46.7/44

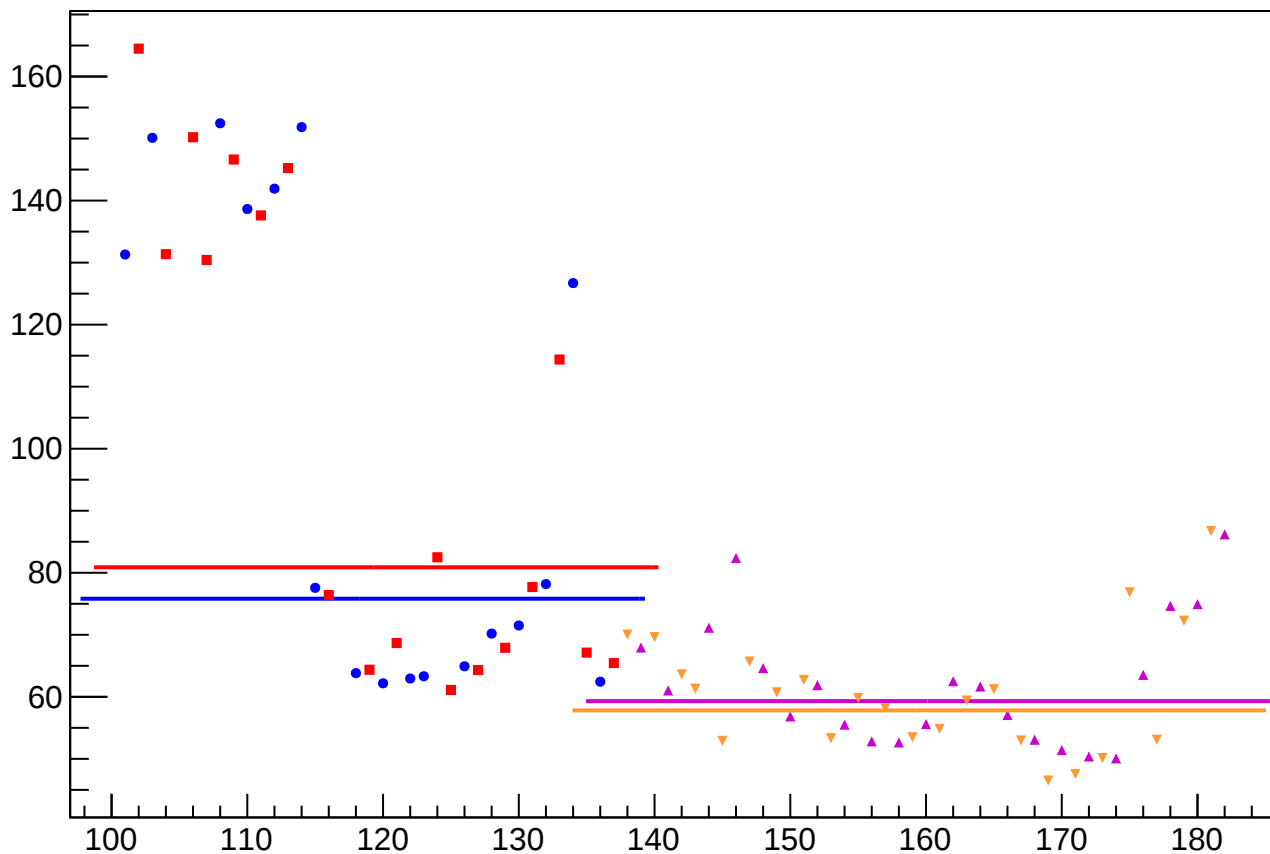
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 48.450 $\pm$ 13.182 χ^2 /NDF:40.5/38

Out: 25.257 $\pm$ 12.926 χ^2 /NDF:39.7/40

All: 36.626 $\pm$ 9.229 χ^2 /NDF: 81.8/79

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 57.814 $\pm$ 0.010 χ^2/NDF : 734358.4/22

Right Out: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

Left In: 59.308 $\pm$ 0.010 χ^2/NDF : 727305.2/21

Left: 58.536 $\pm$ 0.007 χ^2/NDF : 1472556.7/44

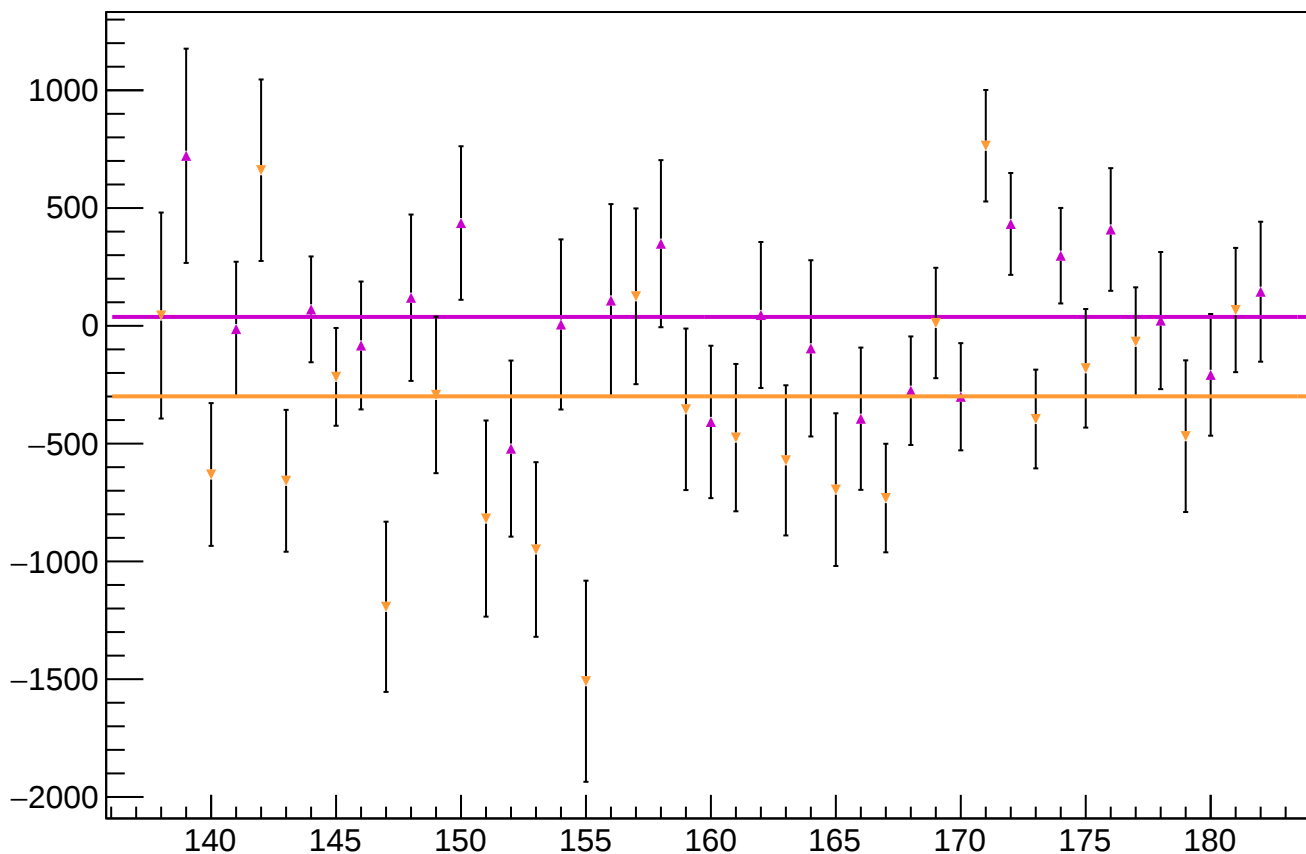
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 62.282 $\pm$ 0.009 χ^2/NDF : 2540639.9/38

Out: 61.409 $\pm$ 0.009 χ^2/NDF : 3098251.1/40

All: 61.837 $\pm$ 0.007 χ^2/NDF : 5643371.6/79

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -299.309+/-60.432 χ^2/NDF :61.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 37.789+/-60.688 χ^2/NDF :23.3/21

Left: -131.472+/-42.822 χ^2/NDF : 100.1/44

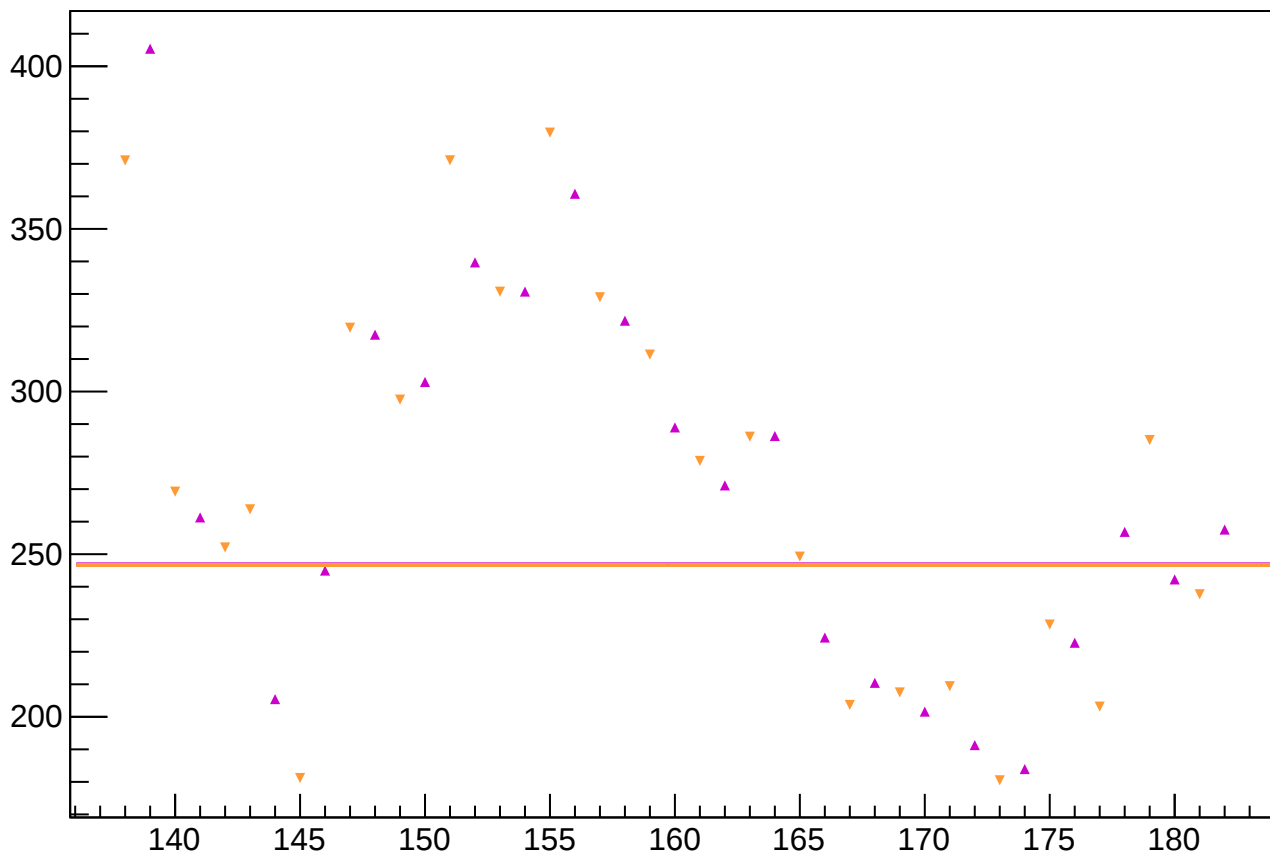
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 37.789+/-60.688 χ^2/NDF :23.3/21

Out: -299.309+/-60.432 χ^2/NDF :61.4/22

All: -131.472+/-42.822 χ^2/NDF : 100.1/44

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Left: 246.776+/-0.030 χ^2/NDF : 3177069.9/44

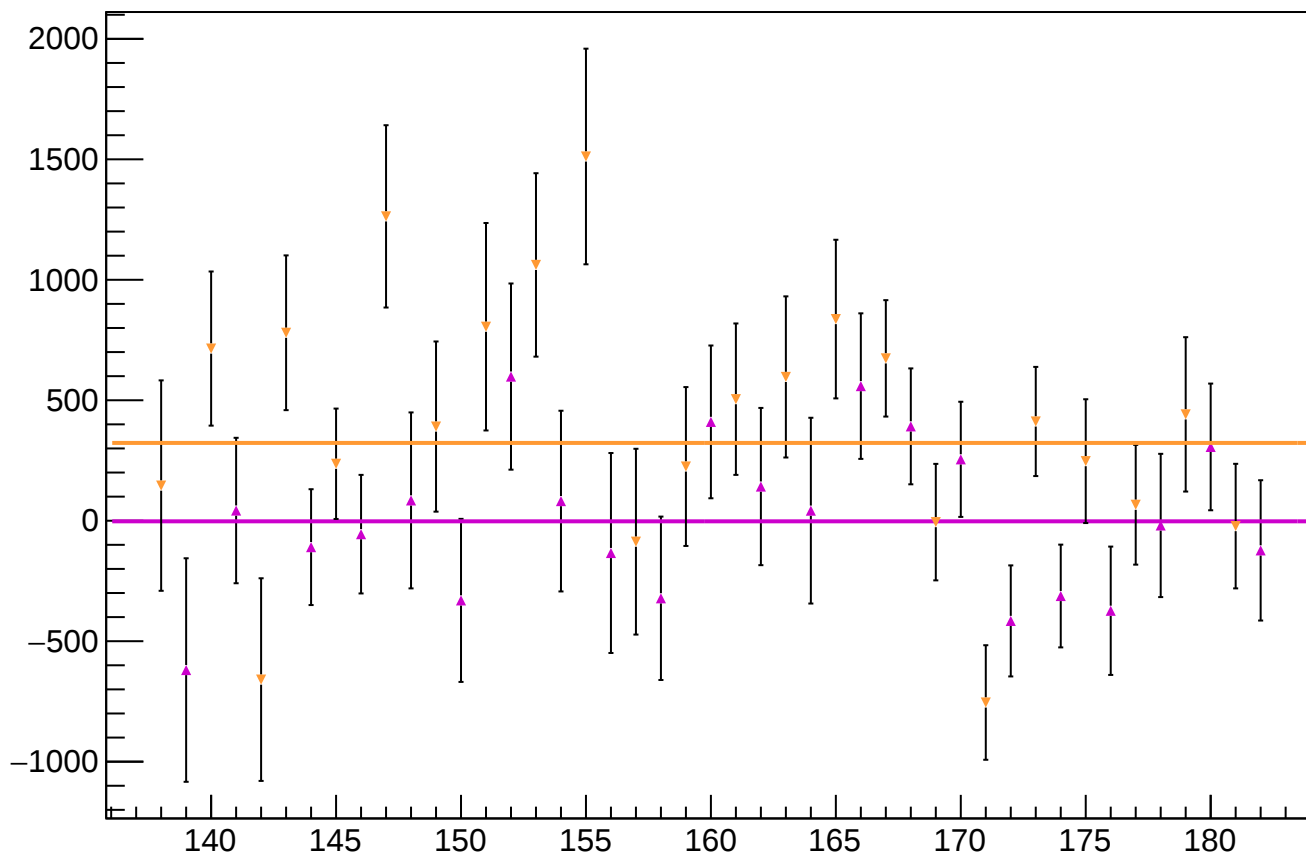
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

All: 246.776+/-0.030 χ^2/NDF : 3177069.9/44

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 322.928+/-62.818 χ^2/NDF :60.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.458+/-62.219 χ^2/NDF :24.5/21

Left: 158.676+/-44.206 χ^2/NDF : 98.0/44

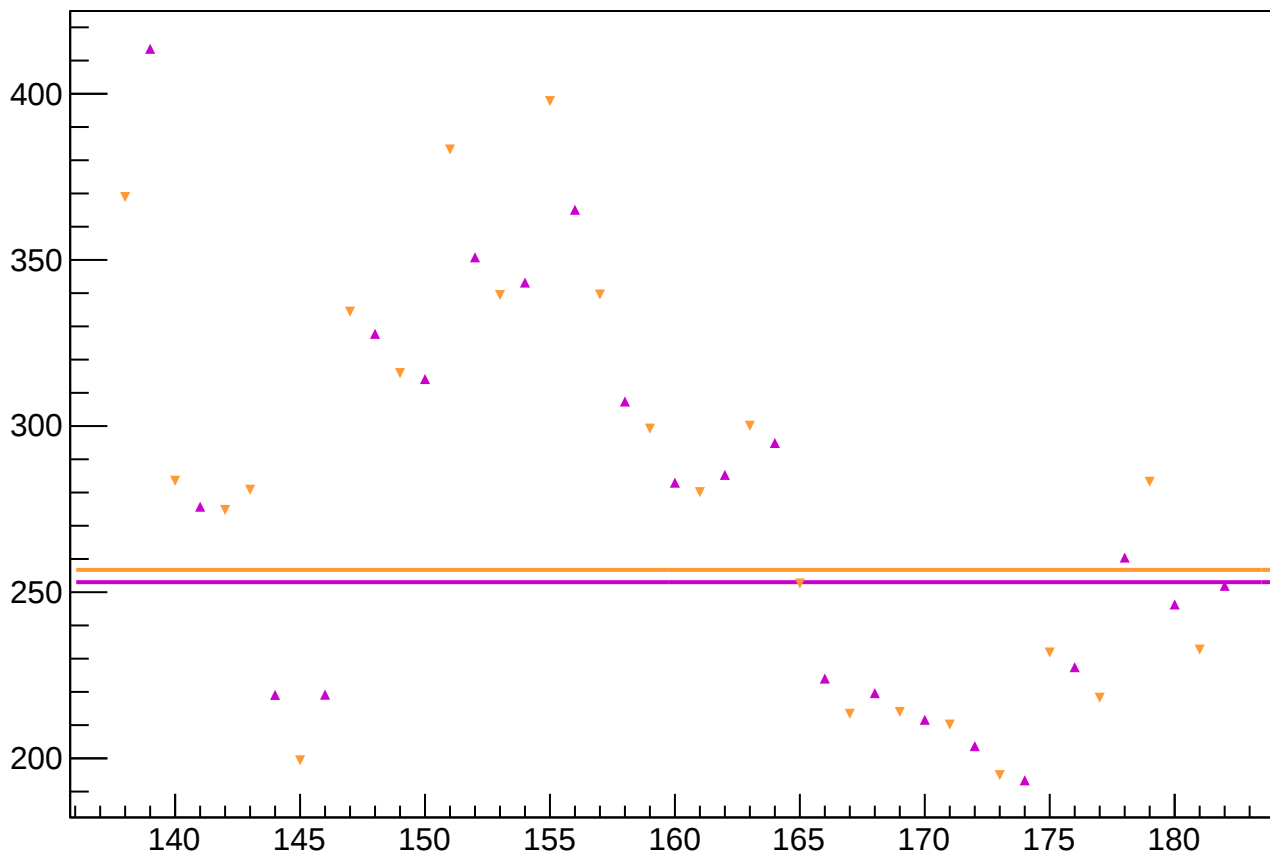
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.458+/-62.219 χ^2/NDF :24.5/21

Out: 322.928+/-62.818 χ^2/NDF :60.0/22

All: 158.676+/-44.206 χ^2/NDF : 98.0/44

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Left: 254.857+/-0.031 χ^2/NDF : 2882697.6/44

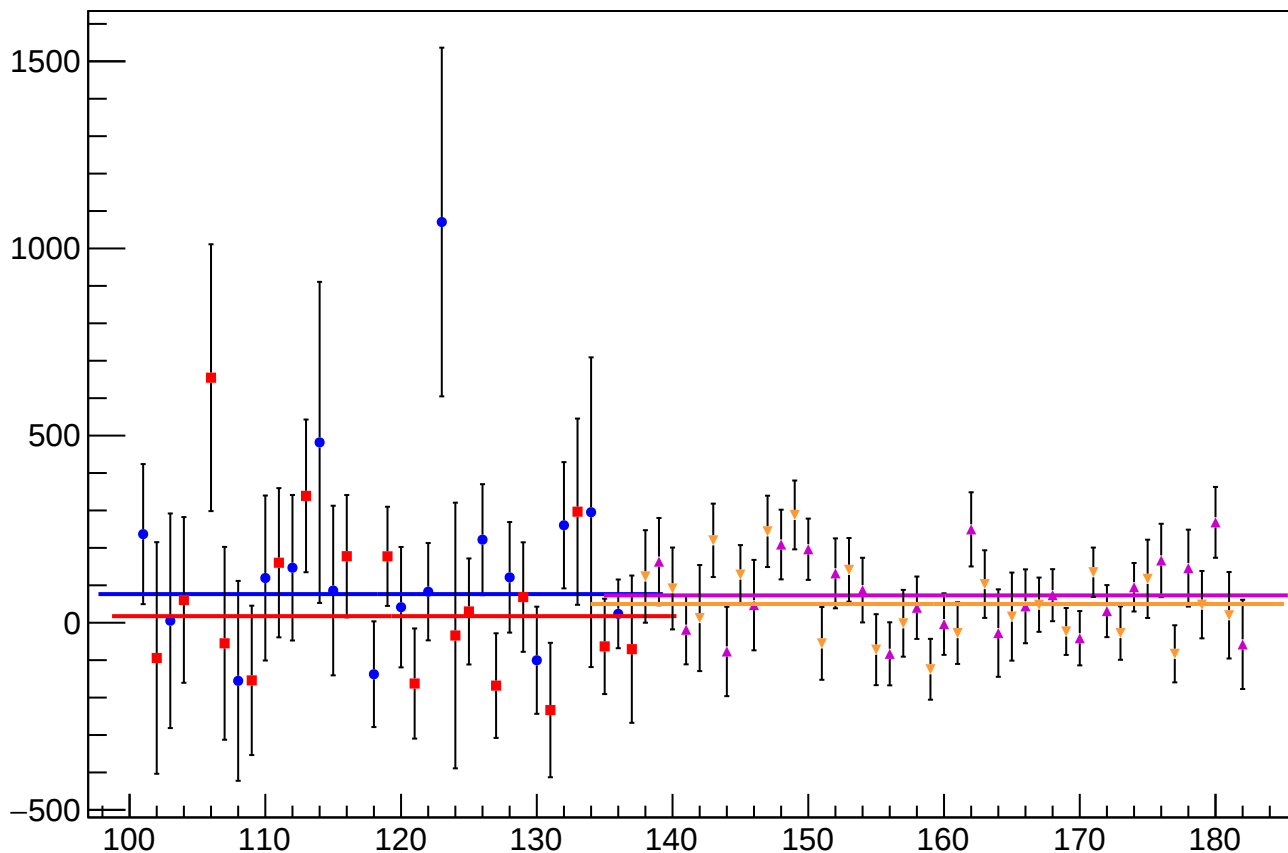
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

All: 254.857+/-0.031 χ^2/NDF : 2882697.6/44

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 50.064 $\pm$ 18.257 χ^2 /NDF:33.4/22

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 73.058 $\pm$ 18.982 χ^2 /NDF:26.3/21

Left: 61.114 $\pm$ 13.159 χ^2 /NDF: 60.5/44

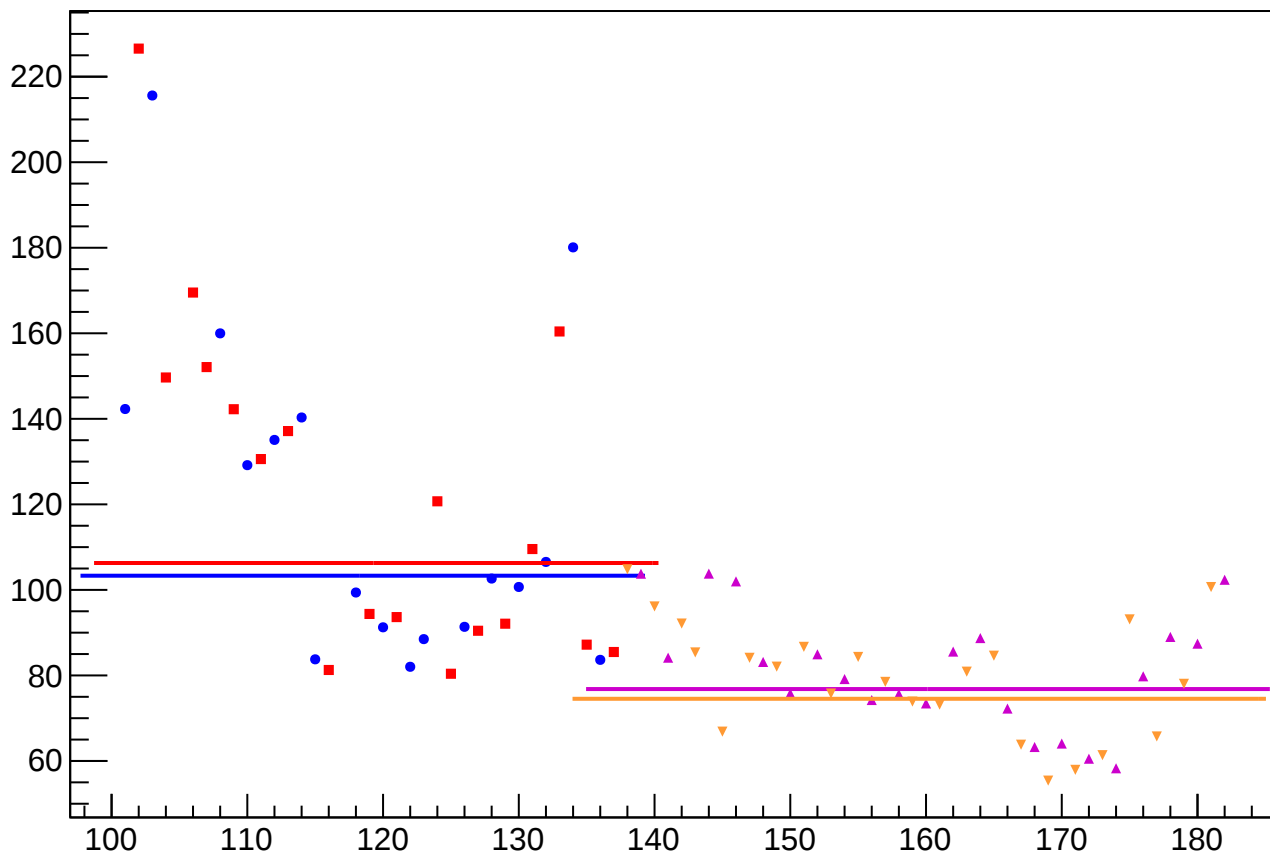
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 73.653 $\pm$ 17.266 χ^2 /NDF:40.2/38

Out: 44.966 $\pm$ 16.763 χ^2 /NDF:50.7/40

All: 58.885 $\pm$ 12.027 χ^2 /NDF: 92.3/79

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: 74.538 $\pm$ 0.013 χ^2/NDF :1008651.4/22

Right Out: 106.289 $\pm$ 0.030 χ^2/NDF : 1000708.3/17

Left In: 76.816 $\pm$ 0.013 χ^2/NDF :938868.0/21

Left: 75.633 $\pm$ 0.009 χ^2/NDF : 1962487.8/44

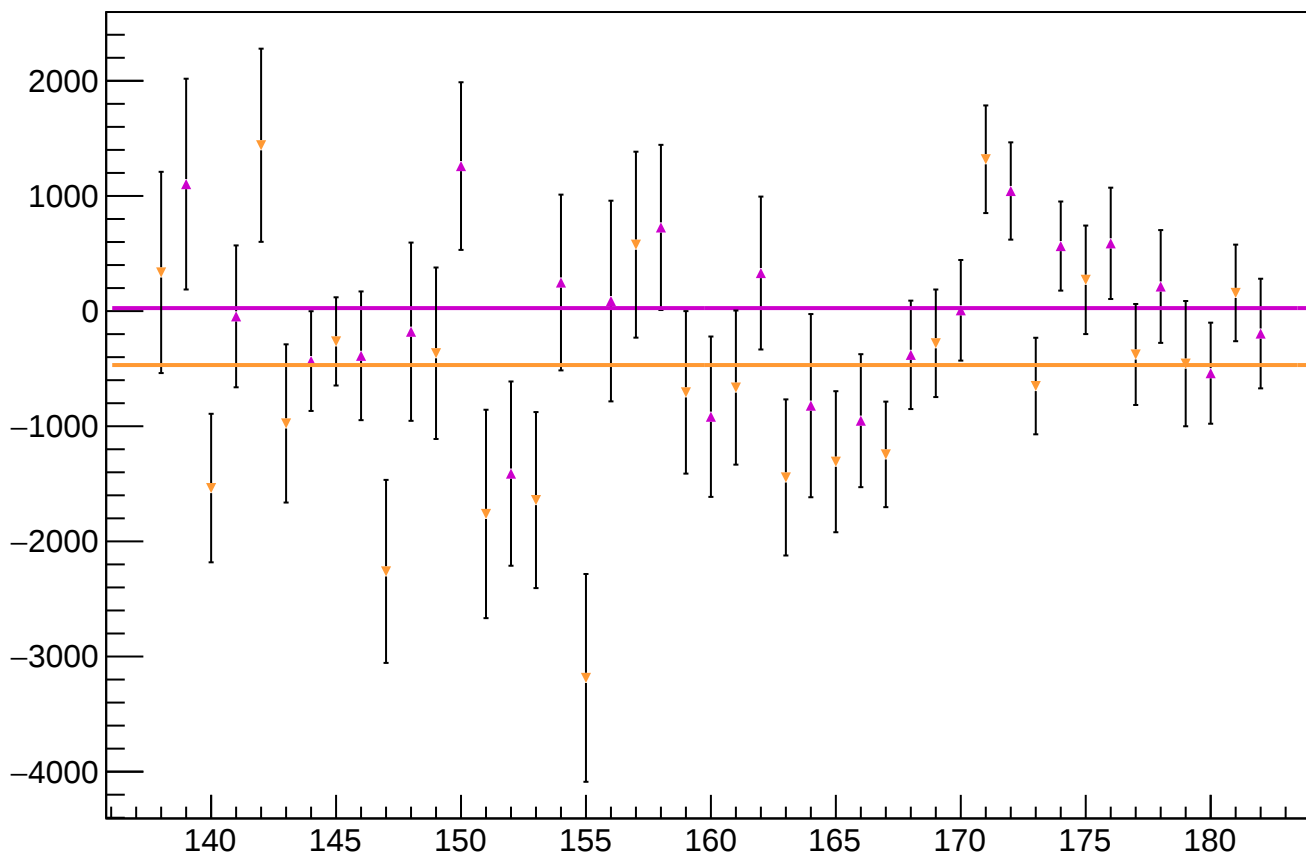
Right: 104.777 $\pm$ 0.021 χ^2/NDF : 1843531.0/34

In: 81.391 $\pm$ 0.012 χ^2/NDF :2449613.3/38

Out: 79.524 $\pm$ 0.012 χ^2/NDF :2959355.1/40

All: 80.430 $\pm$ 0.009 χ^2/NDF : 5420999.5/79

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -468.490 $\pm$ 119.006 χ^2 /NDF:56.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 26.048 $\pm$ 118.309 χ^2 /NDF:28.2/21

Left: -219.768 $\pm$ 83.903 χ^2 /NDF: 93.5/44

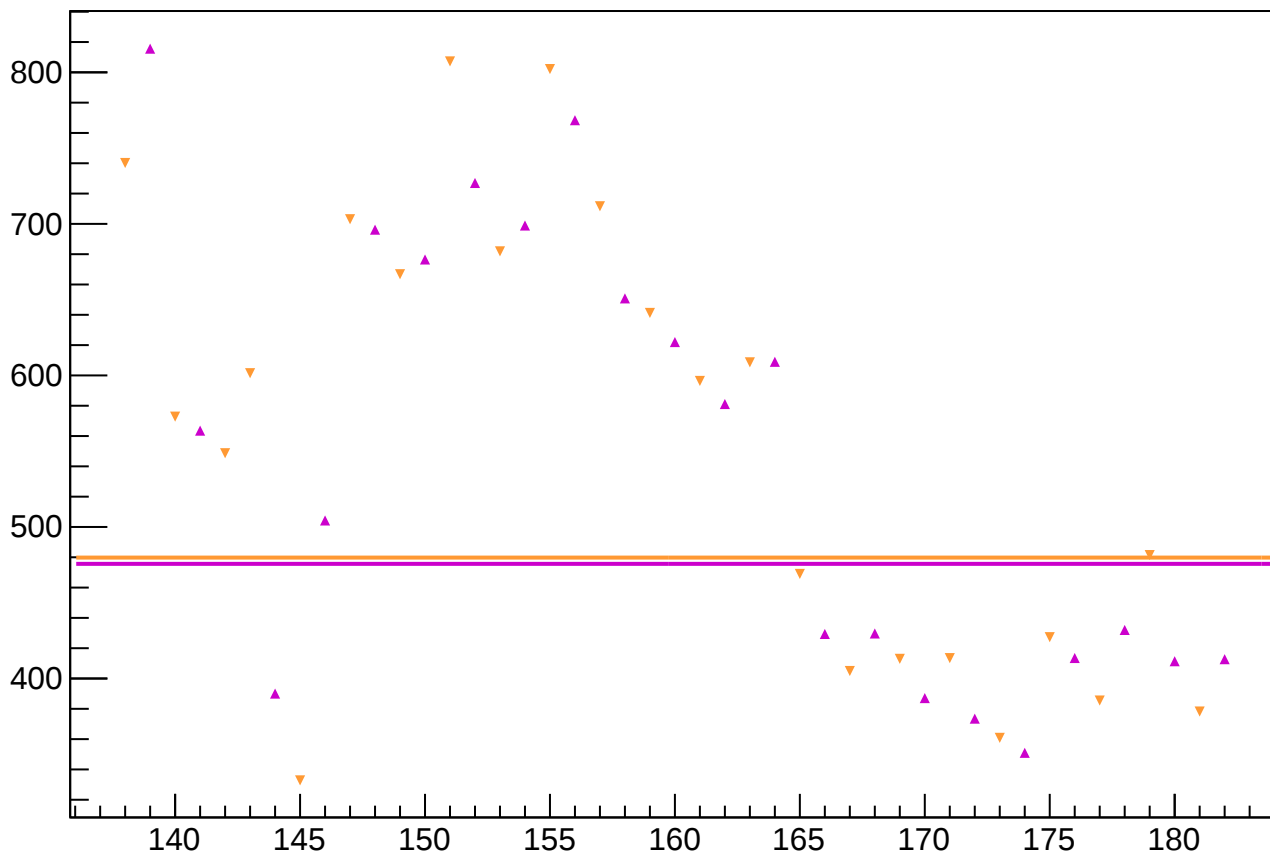
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 26.048 $\pm$ 118.309 χ^2 /NDF:28.2/21

Out: -468.490 $\pm$ 119.006 χ^2 /NDF:56.6/22

All: -219.768 $\pm$ 83.903 χ^2 /NDF: 93.5/44

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Left: 477.717+/-0.059 χ^2/NDF : 4653484.9/44

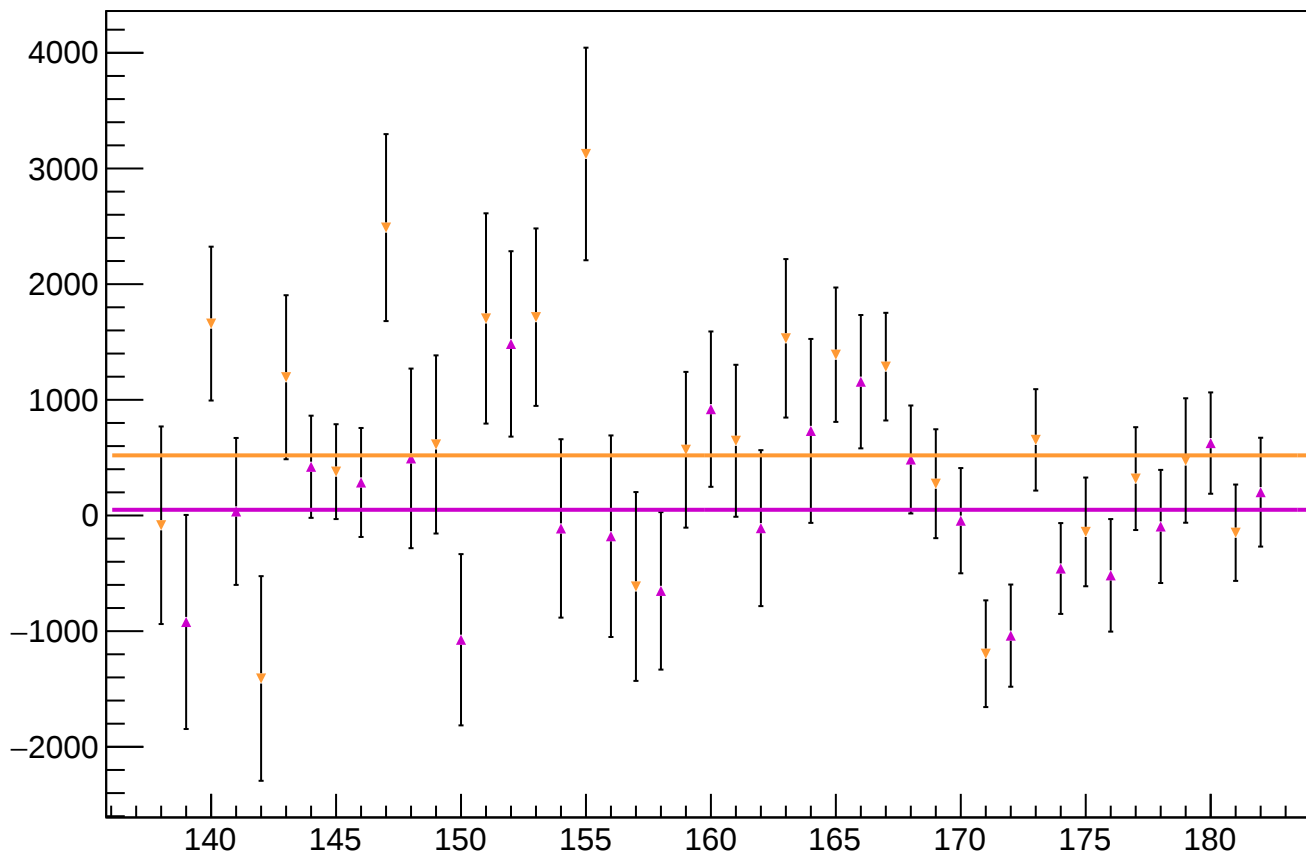
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

All: 477.717+/-0.059 χ^2/NDF : 4653484.9/44

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 519.805+/-120.288 χ^2/NDF :55.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 49.342+/-118.140 χ^2/NDF :27.2/21

Left: 280.336+/-84.287 χ^2/NDF : 90.3/44

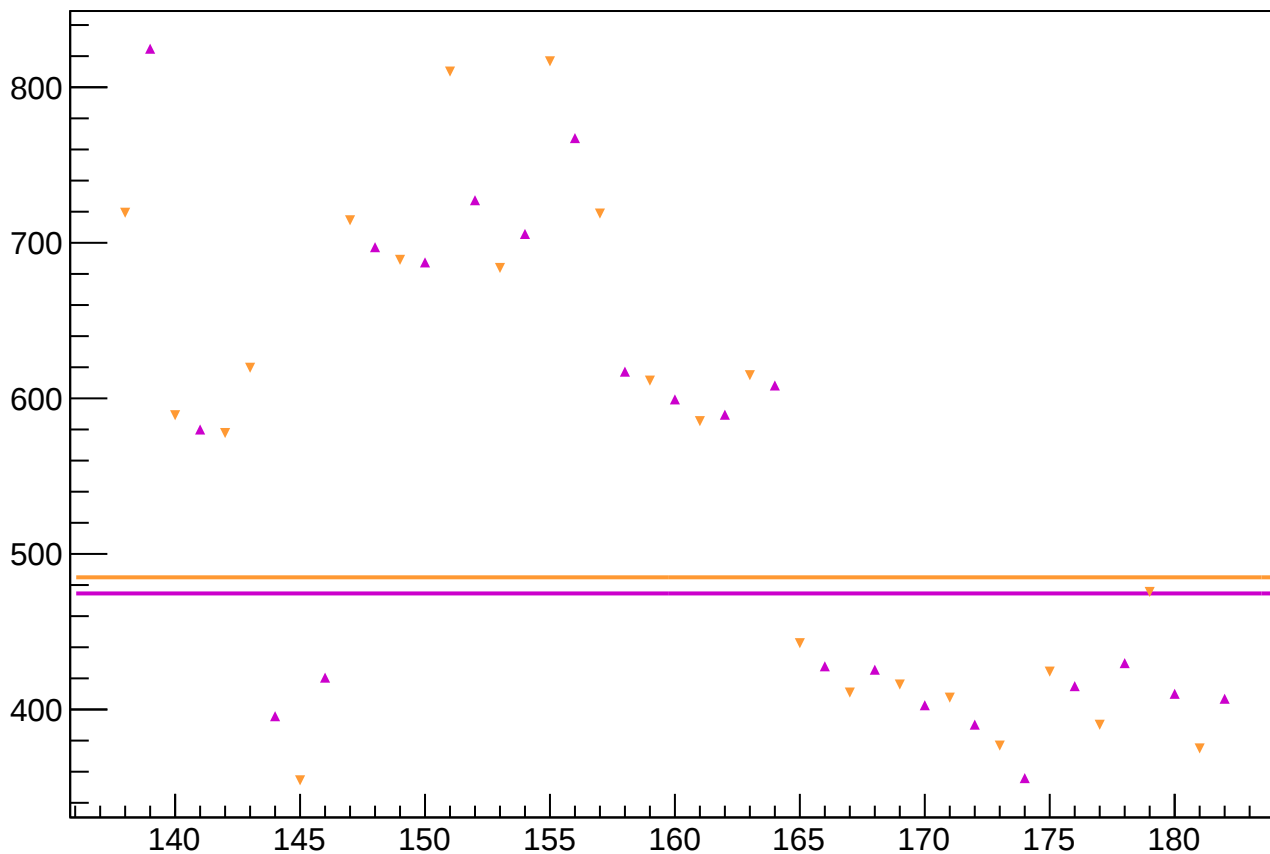
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.342+/-118.140 χ^2/NDF :27.2/21

Out: 519.805+/-120.288 χ^2/NDF :55.4/22

All: 280.336+/-84.287 χ^2/NDF : 90.3/44

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Left: 479.687+/-0.060 χ^2/NDF : 4465965.3/44

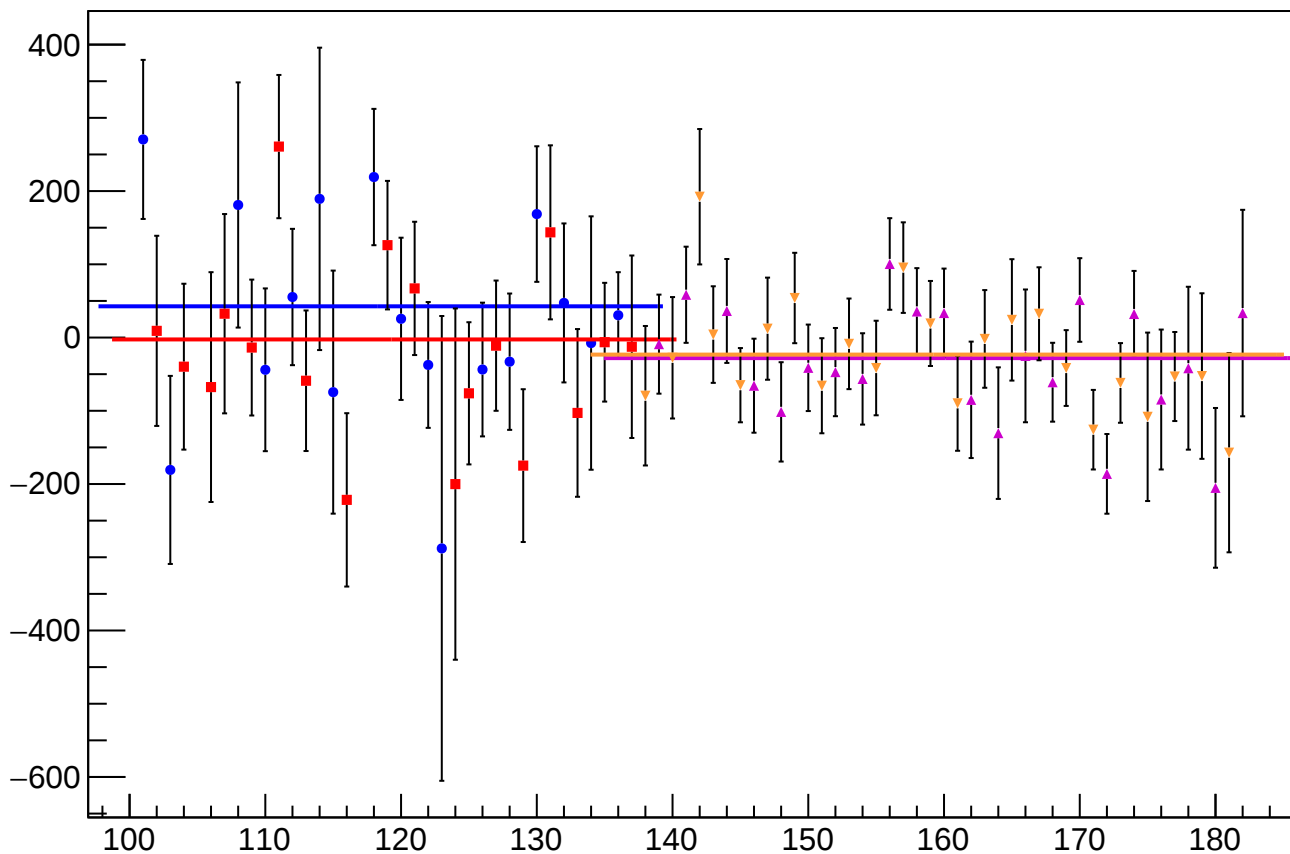
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

All: 479.687+/-0.060 χ^2/NDF : 4465965.3/44

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2/NDF : 18.9/16

Left Out: -23.281 $\pm$ 13.945 χ^2/NDF :21.5/22

Right Out: -2.576 $\pm$ 25.088 χ^2/NDF : 20.4/17

Left In: -28.090 $\pm$ 14.511 χ^2/NDF :27.7/21

Left: -25.590 $\pm$ 10.054 χ^2/NDF : 49.3/44

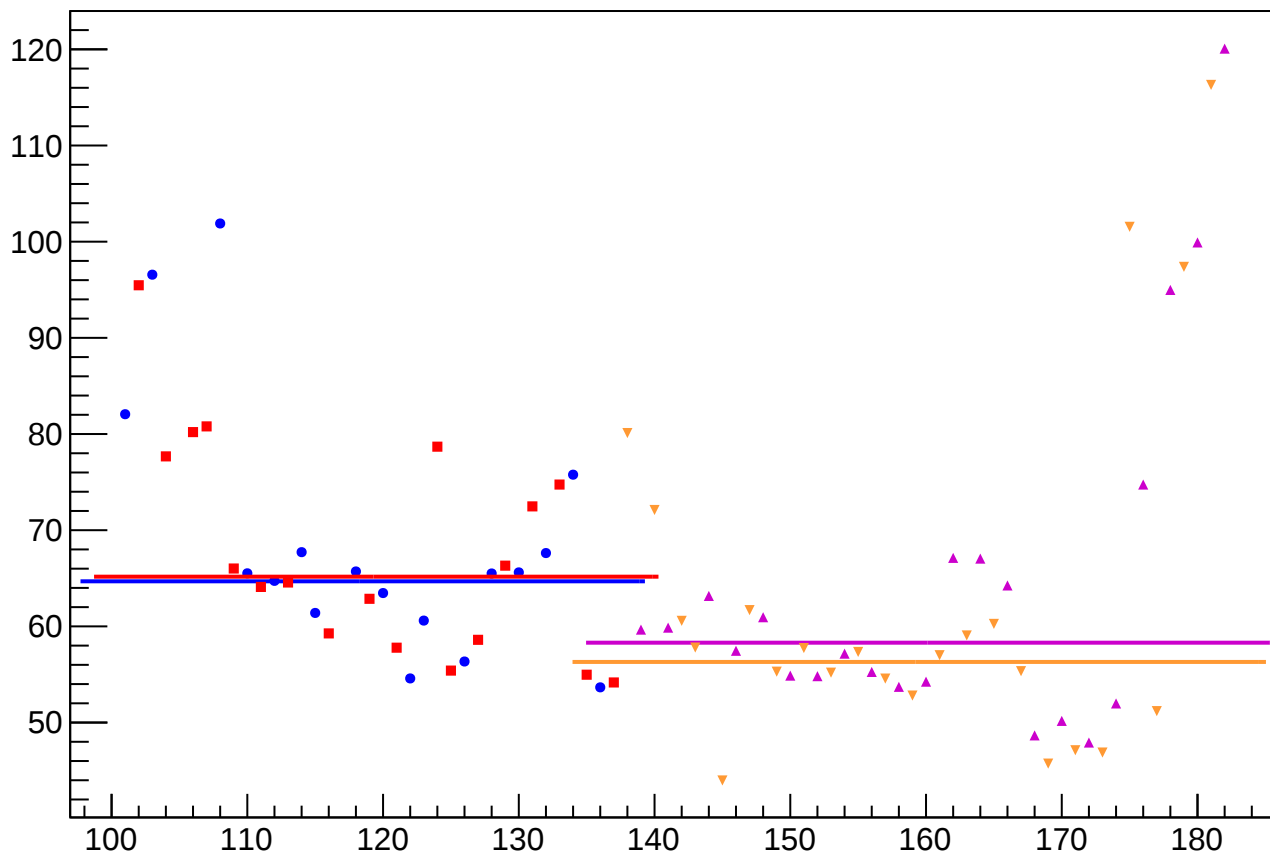
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: -10.771 $\pm$ 12.610 χ^2/NDF :52.4/38

Out: -18.394 $\pm$ 12.188 χ^2/NDF :42.5/40

All: -14.712 $\pm$ 8.764 χ^2/NDF : 95.0/79

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.302 $\pm$ 0.010 χ^2 /NDF:1530528.4/22

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.304 $\pm$ 0.010 χ^2 /NDF:1259241.5/21

Left: 57.263 $\pm$ 0.007 χ^2 /NDF: 2809554.3/44

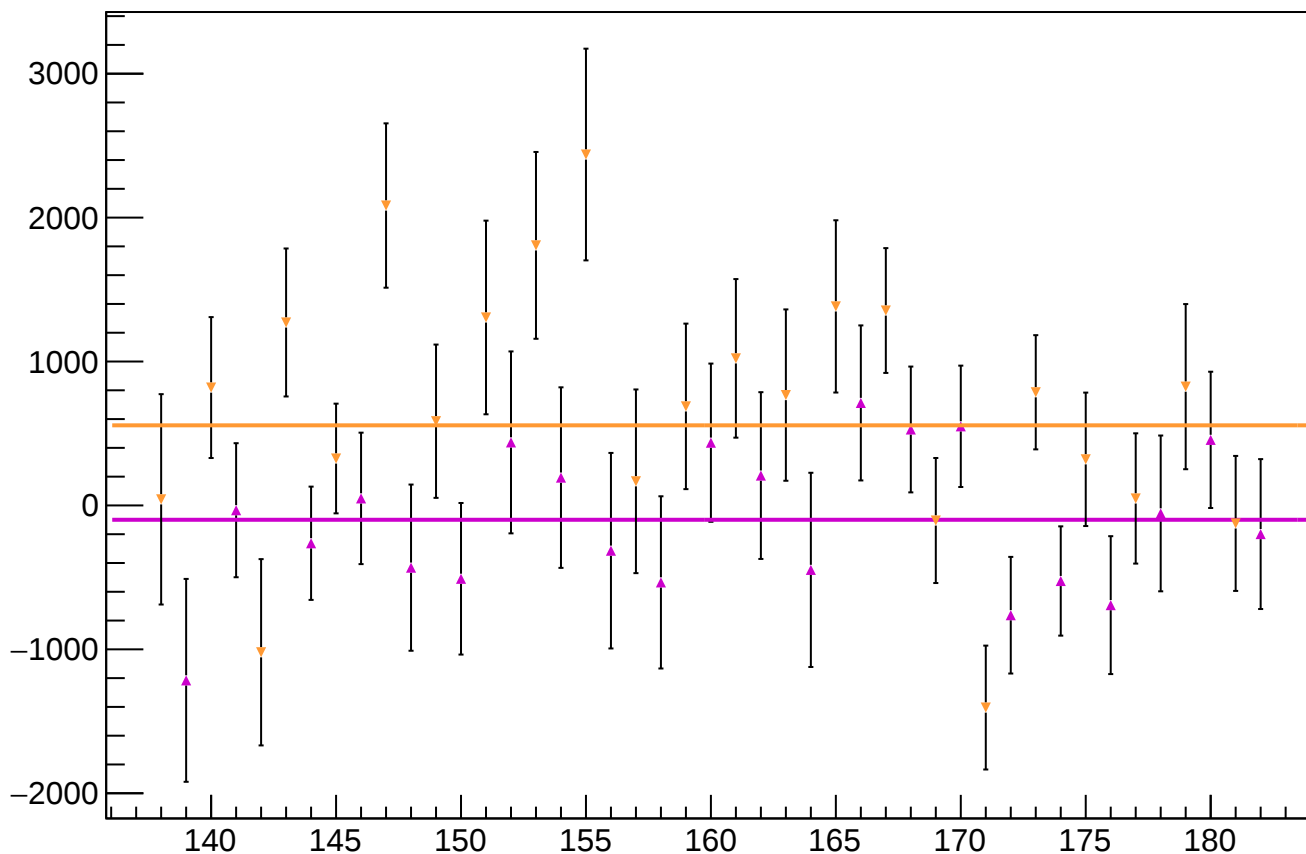
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.866 $\pm$ 0.009 χ^2 /NDF:1754131.8/38

Out: 58.395 $\pm$ 0.009 χ^2 /NDF:2025894.7/40

All: 59.105 $\pm$ 0.006 χ^2 /NDF: 3794106.9/79

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 556.576+/-107.838 χ^2/NDF :61.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -99.685+/-107.696 χ^2/NDF :20.4/21

Left: 228.016+/-76.203 χ^2/NDF : 100.4/44

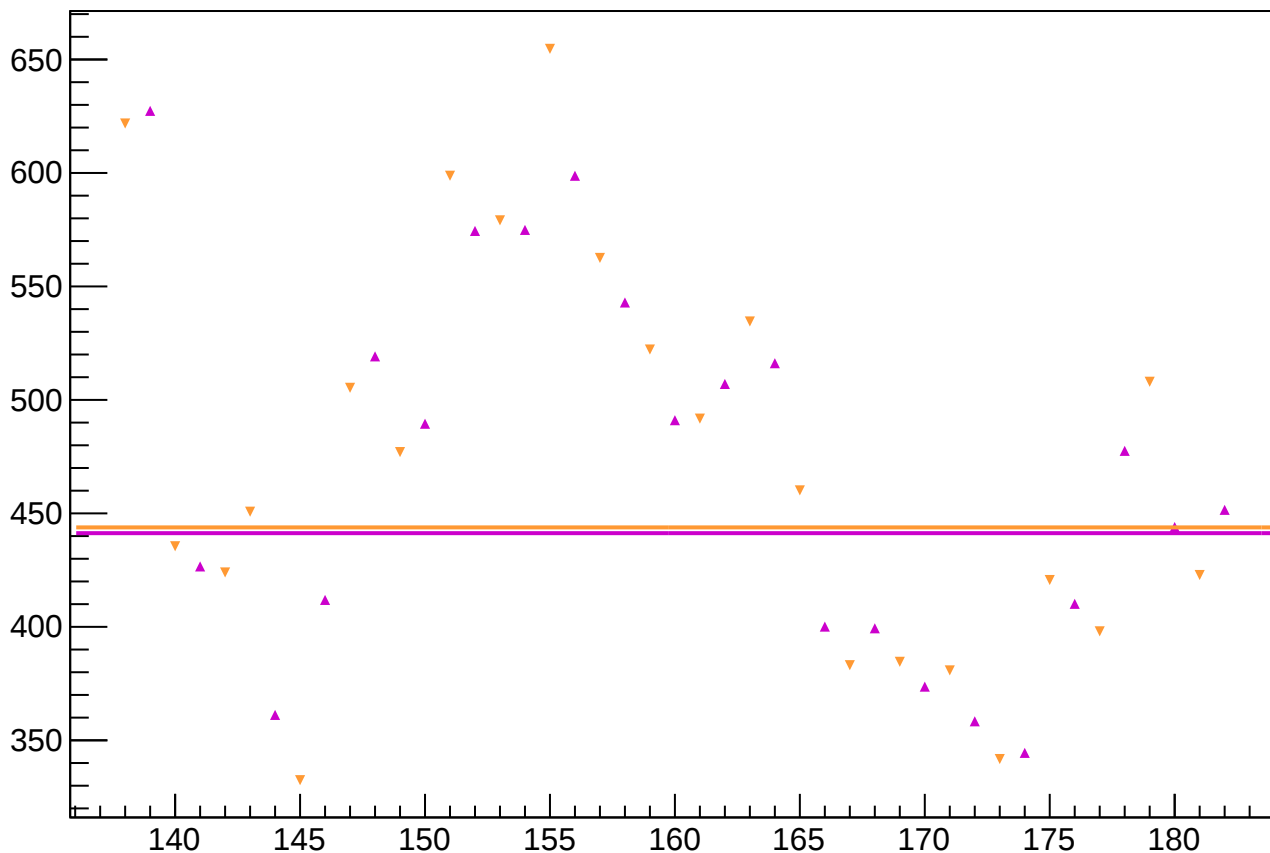
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -99.685+/-107.696 χ^2/NDF :20.4/21

Out: 556.576+/-107.838 χ^2/NDF :61.5/22

All: 228.016+/-76.203 χ^2/NDF : 100.4/44

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 443.824+/-0.076 χ^2/NDF :1156166.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Left: 442.551+/-0.054 χ^2/NDF : 2167418.2/44

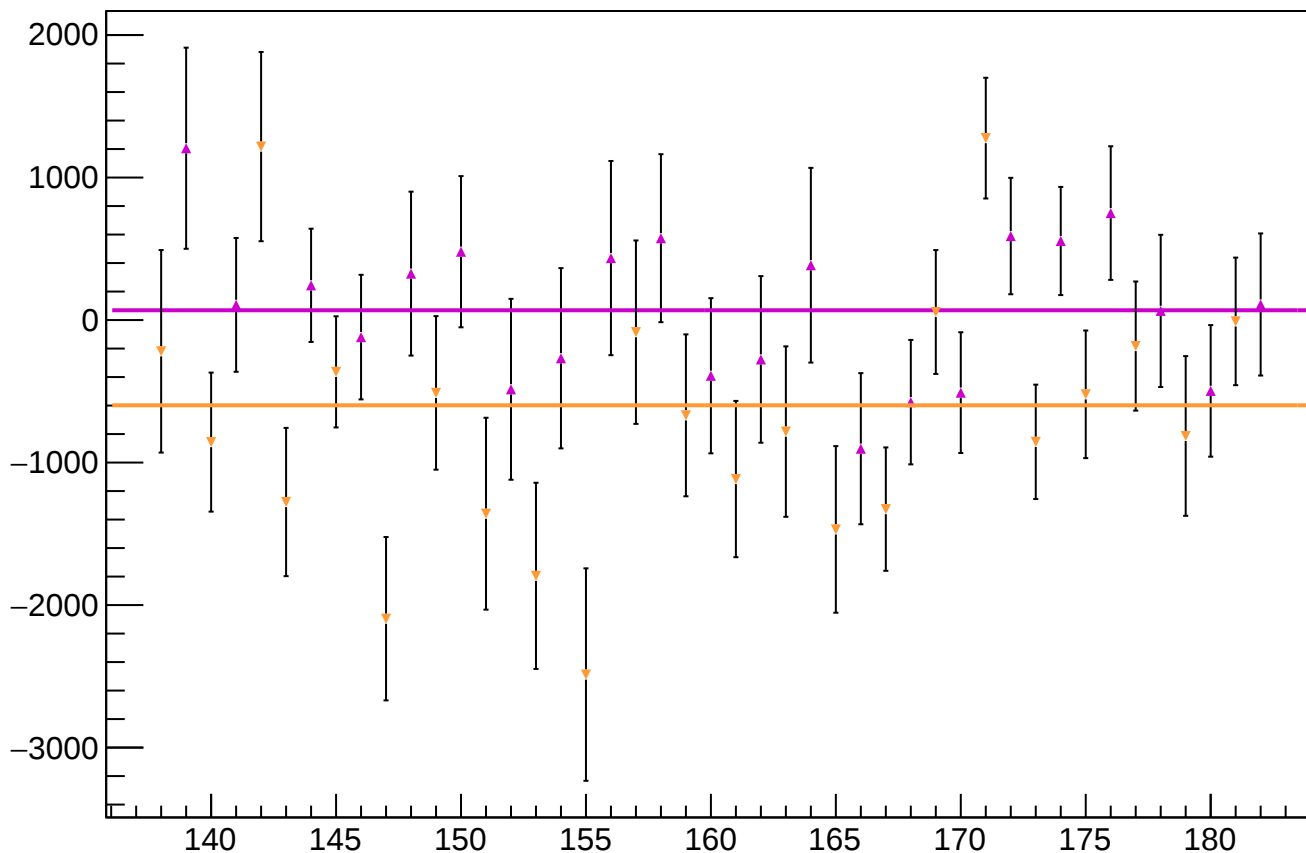
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Out: 443.824+/-0.076 χ^2/NDF :1156166.5/22

All: 442.551+/-0.054 χ^2/NDF : 2167418.2/44

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -598.058 $\pm$ 107.473 χ^2 /NDF:59.7/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 68.671 $\pm$ 107.071 χ^2 /NDF:21.4/21

Left: -263.444 $\pm$ 75.852 χ^2 /NDF: 100.5/44

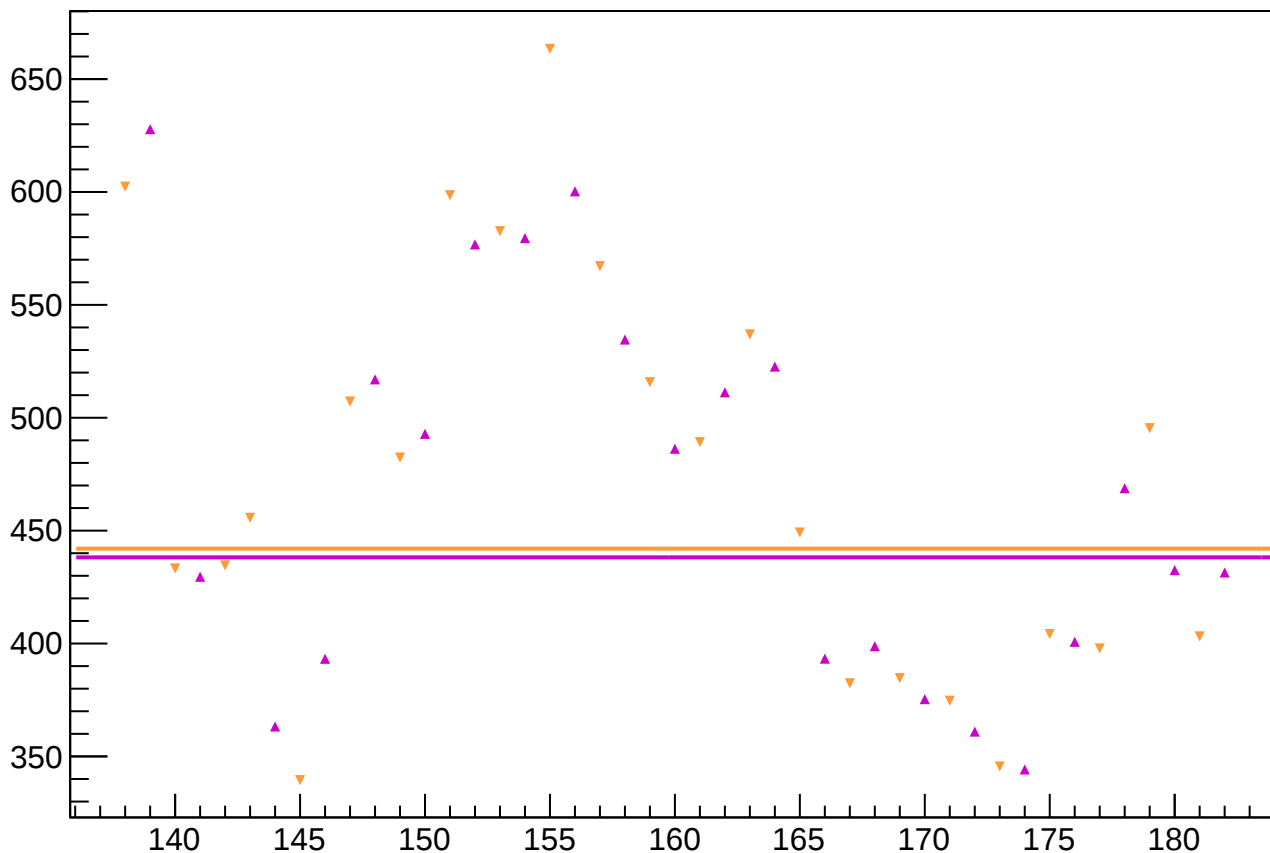
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 68.671 $\pm$ 107.071 χ^2 /NDF:21.4/21

Out: -598.058 $\pm$ 107.473 χ^2 /NDF:59.7/22

All: -263.444 $\pm$ 75.852 χ^2 /NDF: 100.5/44

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Left: 440.088+/-0.054 χ^2/NDF : 2162471.0/44

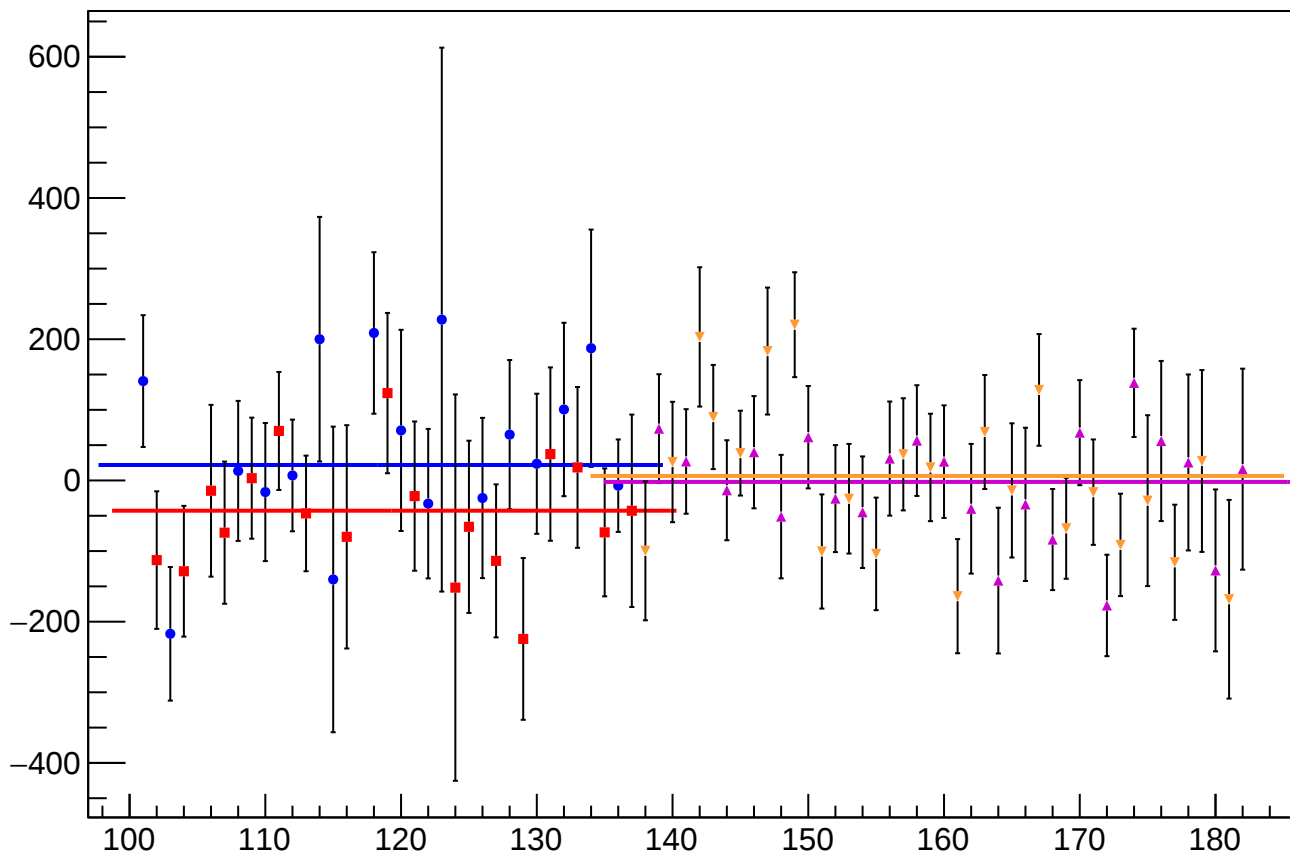
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

All: 440.088+/-0.054 χ^2/NDF : 2162471.0/44

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 6.380 ± 17.177 χ^2/NDF : 37.3/22

Right Out: -42.817 ± 25.116 χ^2/NDF : 9.9/17

Left In: -2.091 ± 17.841 χ^2/NDF : 18.8/21

Left: 2.305 ± 12.374 χ^2/NDF : 56.2/44

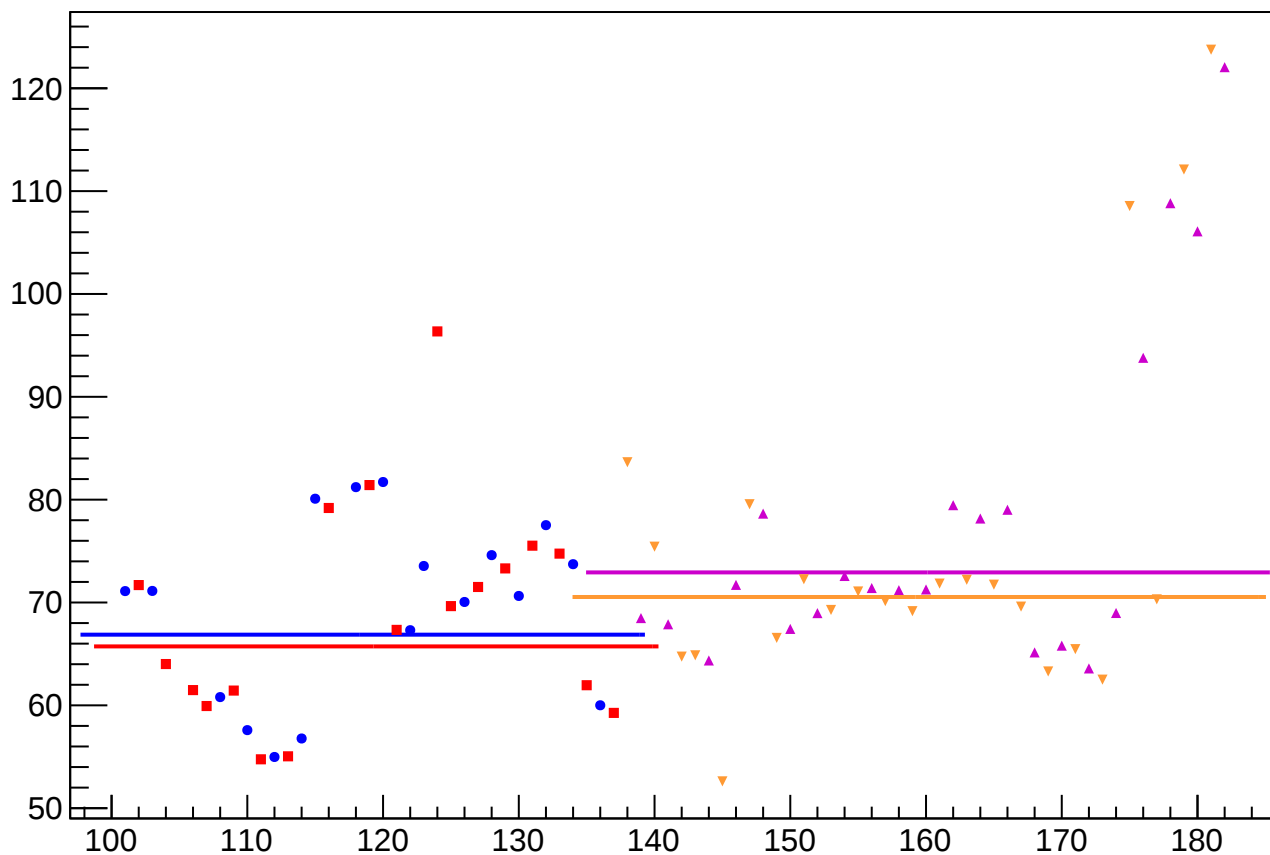
Right: -11.642 ± 18.082 χ^2/NDF : 28.1/34

In: 5.569 ± 14.721 χ^2/NDF : 34.5/38

Out: -9.298 ± 14.178 χ^2/NDF : 49.8/40

All: -2.143 ± 10.212 χ^2/NDF : 84.8/79

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 70.535 ± 0.012 χ^2/NDF : 1015396.0/22

Right Out: 65.731 ± 0.018 χ^2/NDF : 218867.5/17

Left In: 72.926 ± 0.013 χ^2/NDF : 815647.5/21

Left: 71.685 ± 0.009 χ^2/NDF : 1849689.0/44

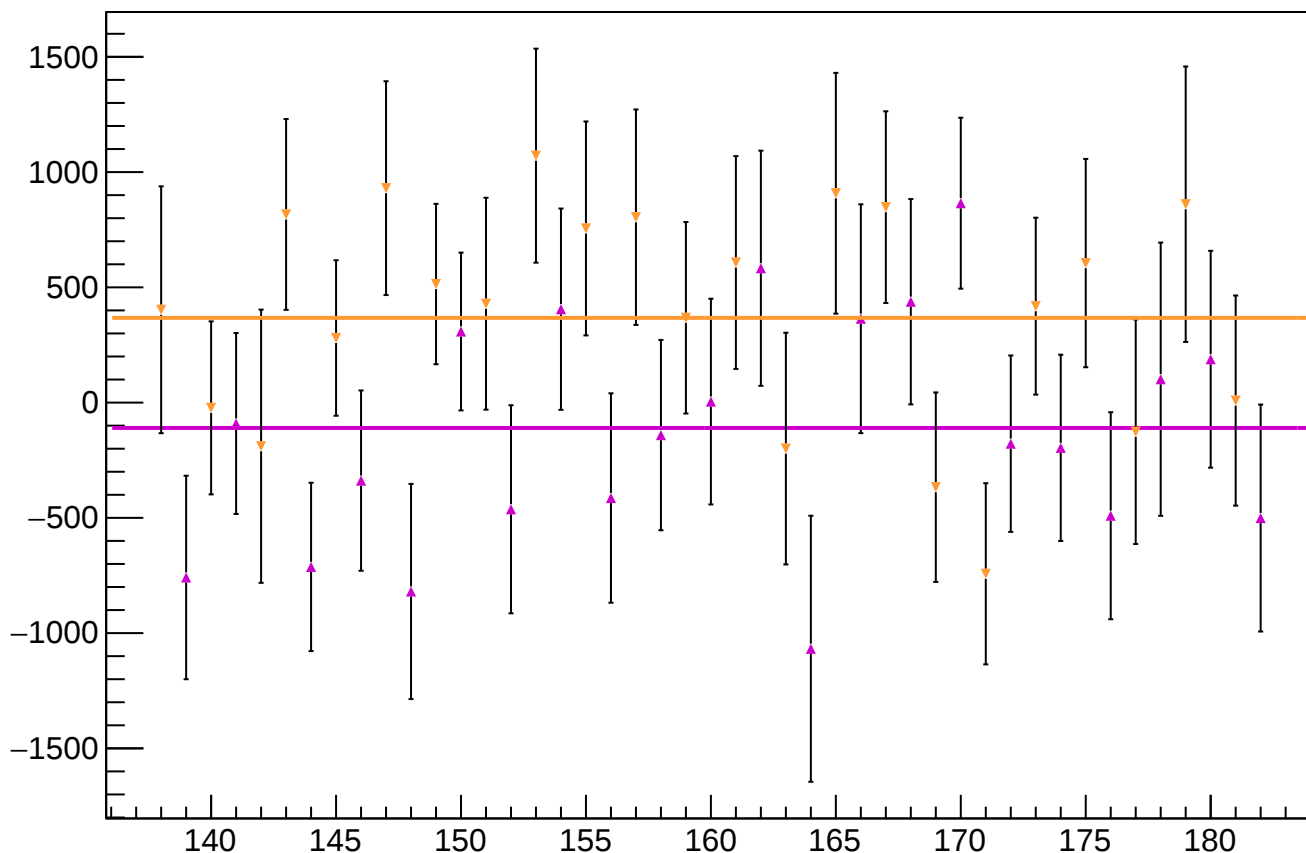
Right: 66.280 ± 0.013 χ^2/NDF : 423373.0/34

In: 70.994 ± 0.010 χ^2/NDF : 1091679.4/38

Out: 69.004 ± 0.010 χ^2/NDF : 1284126.9/40

All: 69.961 ± 0.007 χ^2/NDF : 2394762.5/79

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 367.548+/-91.526 χ^2/NDF :26.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -110.006+/-92.336 χ^2/NDF :27.4/21

Left: 130.875+/-65.003 χ^2/NDF : 67.4/44

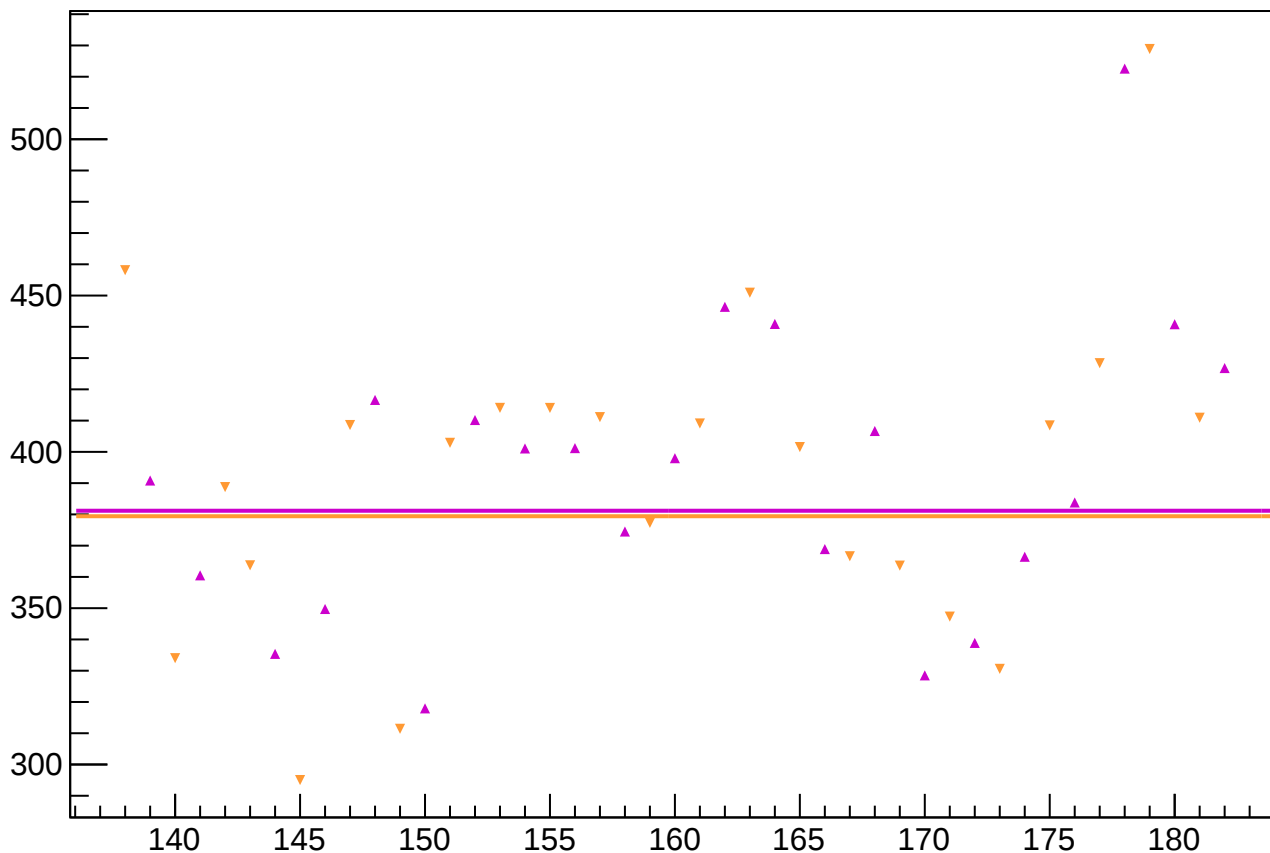
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.006+/-92.336 χ^2/NDF :27.4/21

Out: 367.548+/-91.526 χ^2/NDF :26.5/22

All: 130.875+/-65.003 χ^2/NDF : 67.4/44

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 379.414+/-0.065 χ^2/NDF :588223.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.172+/-0.065 χ^2/NDF :442880.8/21

Left: 380.285+/-0.046 χ^2/NDF : 1031470.4/44

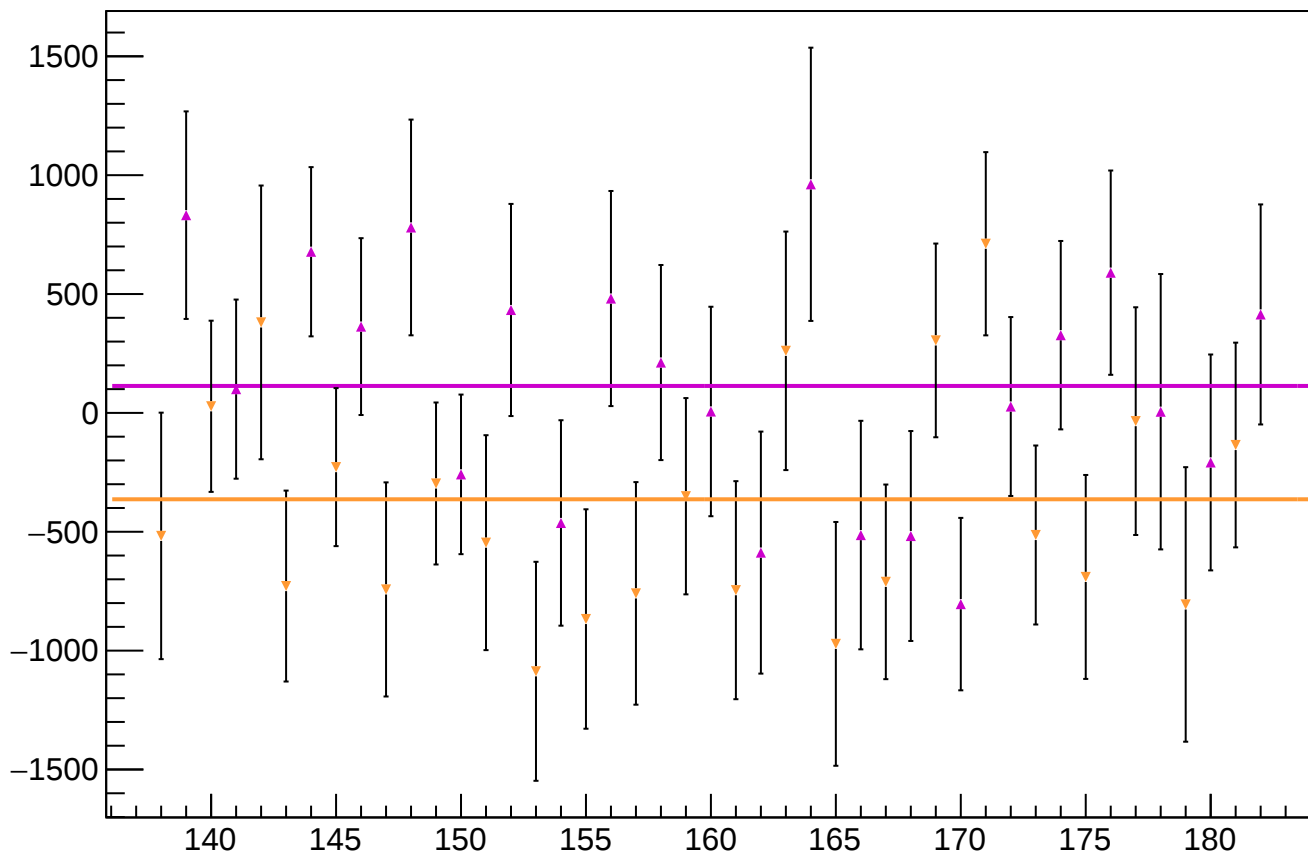
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.172+/-0.065 χ^2/NDF :442880.8/21

Out: 379.414+/-0.065 χ^2/NDF :588223.6/22

All: 380.285+/-0.046 χ^2/NDF : 1031470.4/44

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -363.373+/-89.627 χ^2/NDF :26.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 113.410+/-90.241 χ^2/NDF :28.9/21

Left: -126.610+/-63.592 χ^2/NDF : 69.1/44

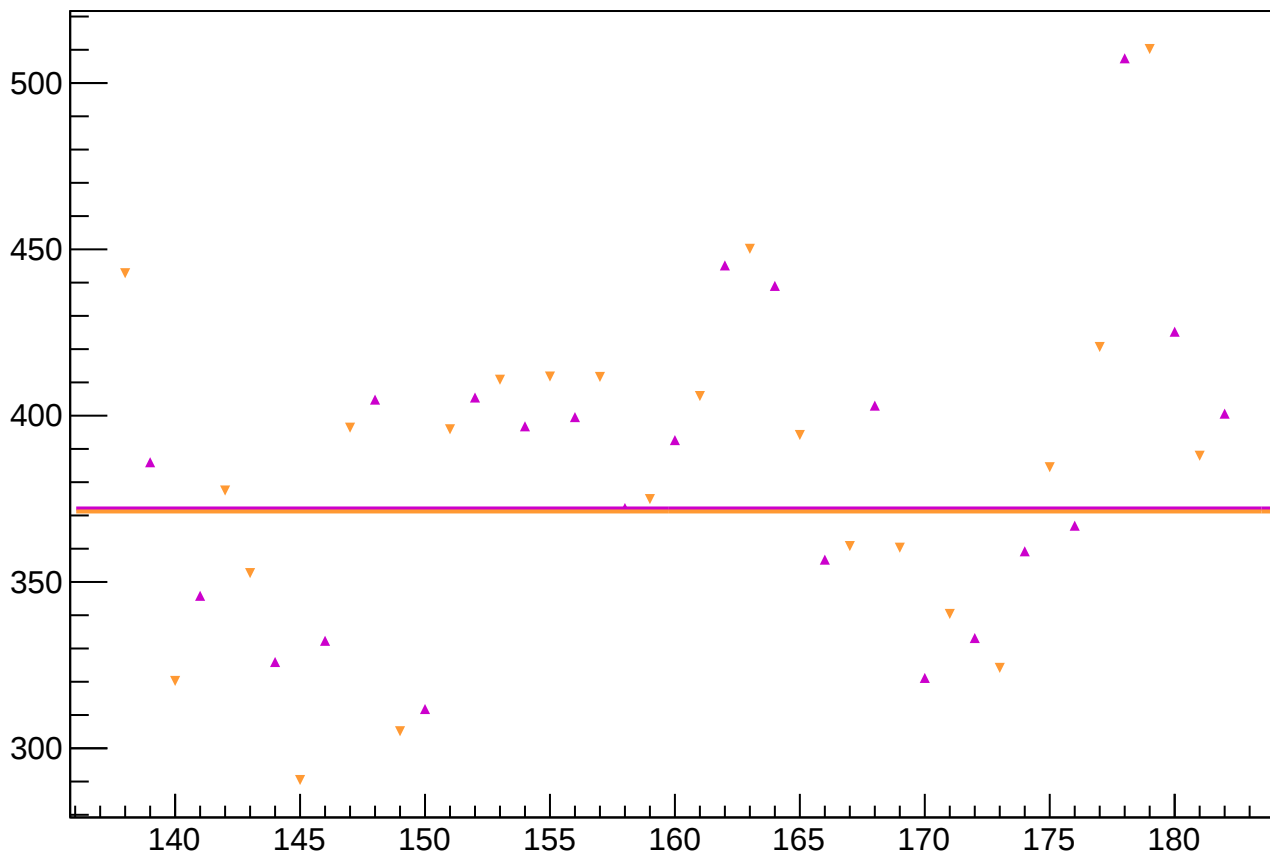
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.410+/-90.241 χ^2/NDF :28.9/21

Out: -363.373+/-89.627 χ^2/NDF :26.1/22

All: -126.610+/-63.592 χ^2/NDF : 69.1/44

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.197+/-0.063 χ^2/NDF : 587519.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Left: 371.643+/-0.045 χ^2/NDF : 1047943.1/44

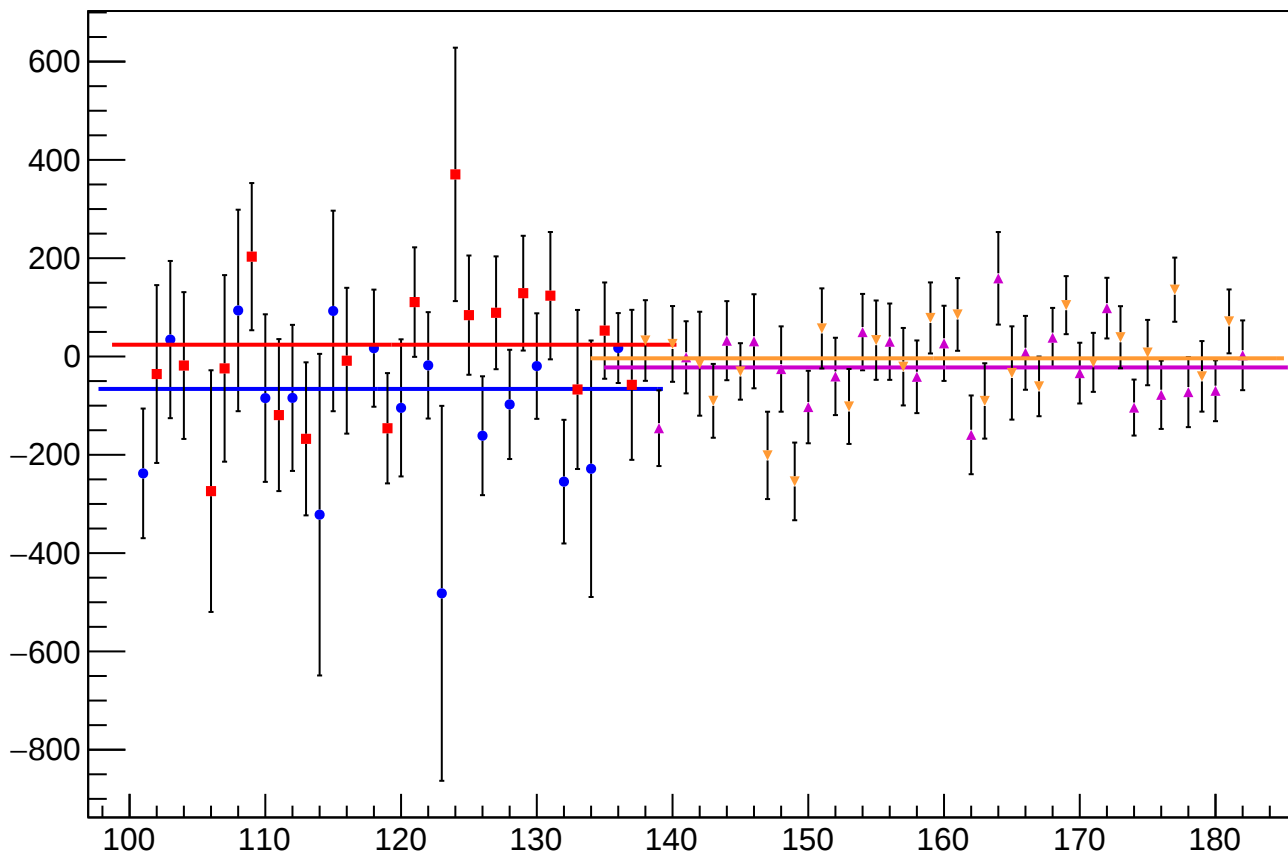
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Out: 371.197+/-0.063 χ^2/NDF : 587519.3/22

All: 371.643+/-0.045 χ^2/NDF : 1047943.1/44

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -3.676 ± 15.001 χ^2/NDF : 34.4/22

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -22.238 ± 15.436 χ^2/NDF : 22.0/21

Left: -12.691 ± 10.758 χ^2/NDF : 57.2/44

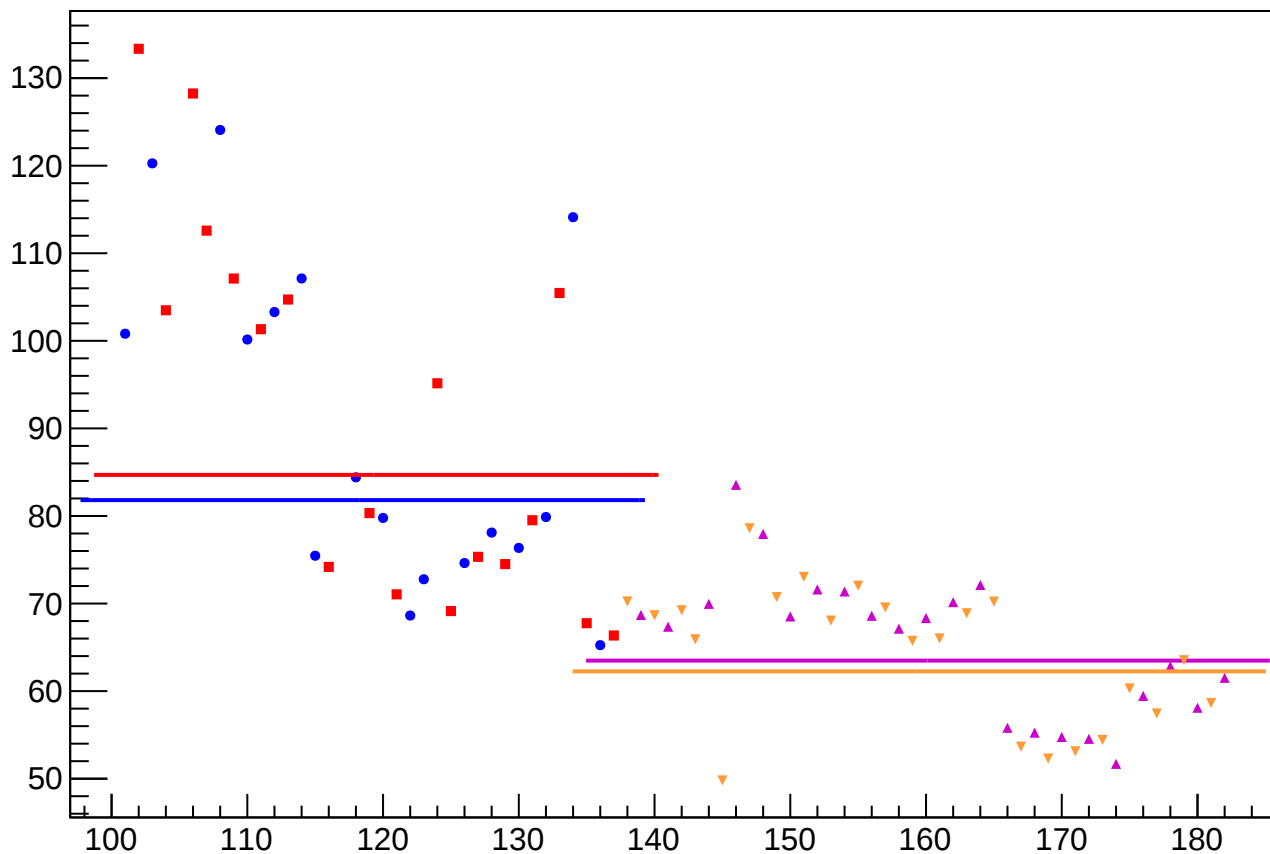
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -30.375 ± 13.927 χ^2/NDF : 34.3/38

Out: 1.110 ± 13.641 χ^2/NDF : 47.9/40

All: -14.306 ± 9.745 χ^2/NDF : 84.8/79

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 62.254+/-0.011 χ^2/NDF : 556388.8/22

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 63.484+/-0.011 χ^2/NDF : 523735.8/21

Left: 62.852+/-0.008 χ^2/NDF : 1086651.2/44

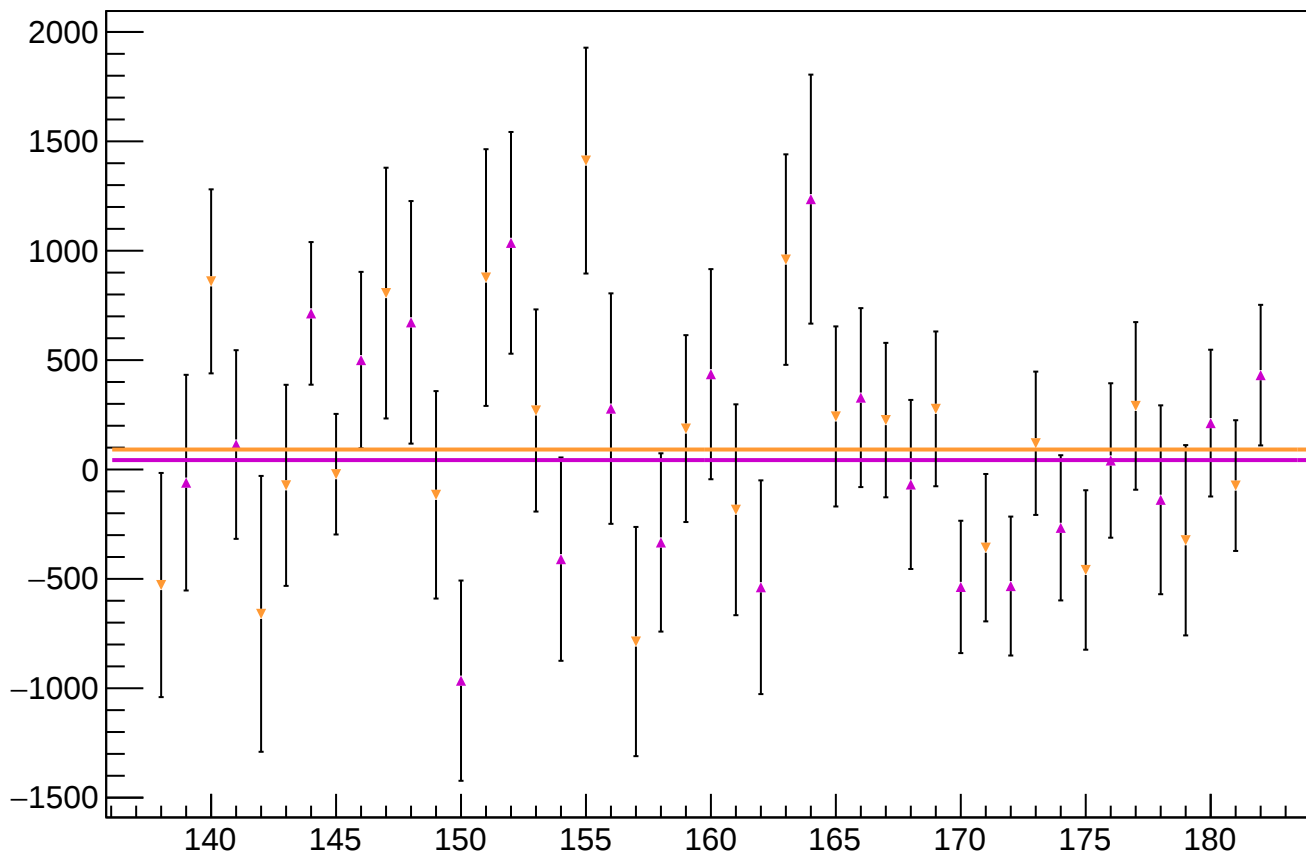
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 66.893+/-0.010 χ^2/NDF : 1555254.1/38

Out: 66.137+/-0.010 χ^2/NDF : 1946657.3/40

All: 66.507+/-0.007 χ^2/NDF : 3504916.0/79

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Left: 67.127 $\pm$ 60.330 χ^2 /NDF: 63.8/44

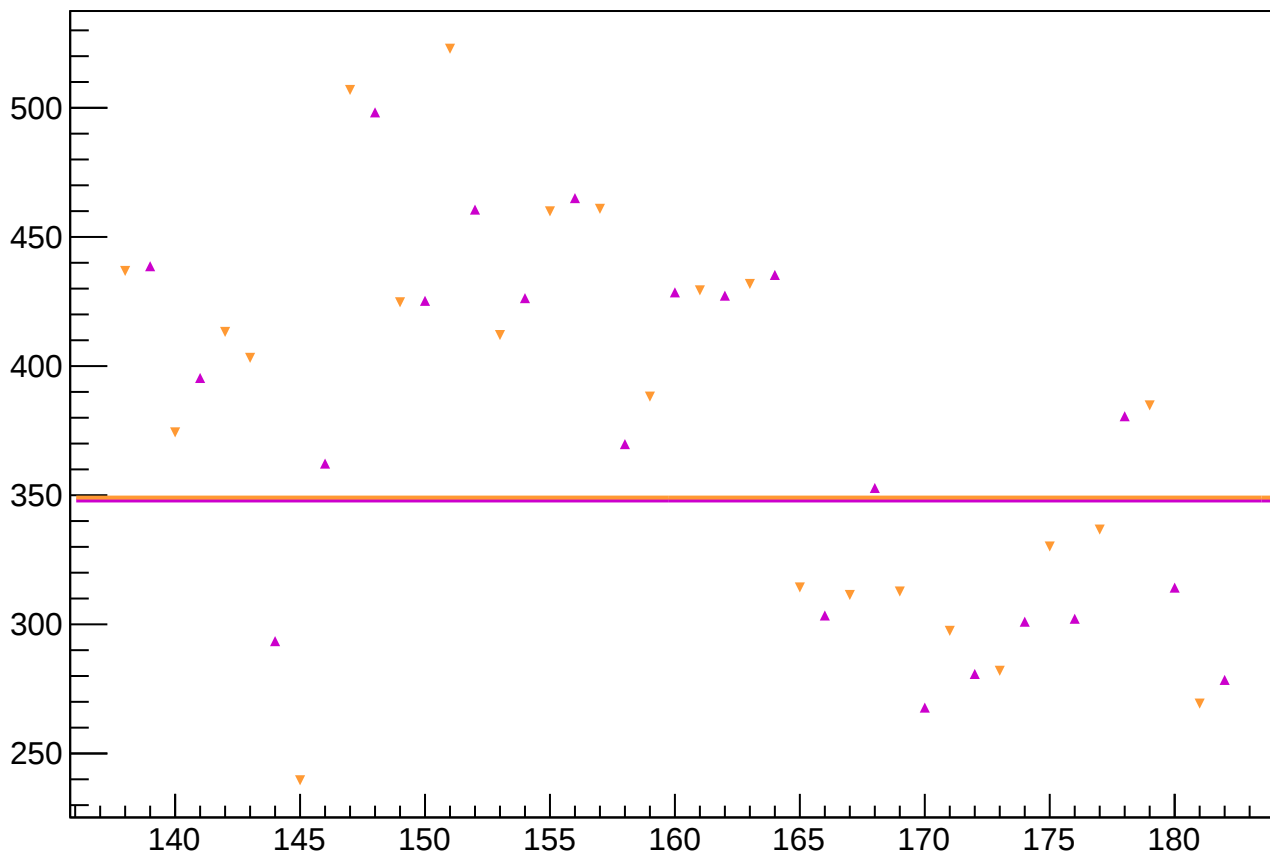
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

All: 67.127 $\pm$ 60.330 χ^2 /NDF: 63.8/44

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 349.080+/-0.060 χ^2/NDF :1512055.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Left: 348.524+/-0.043 χ^2/NDF : 2735721.0/44

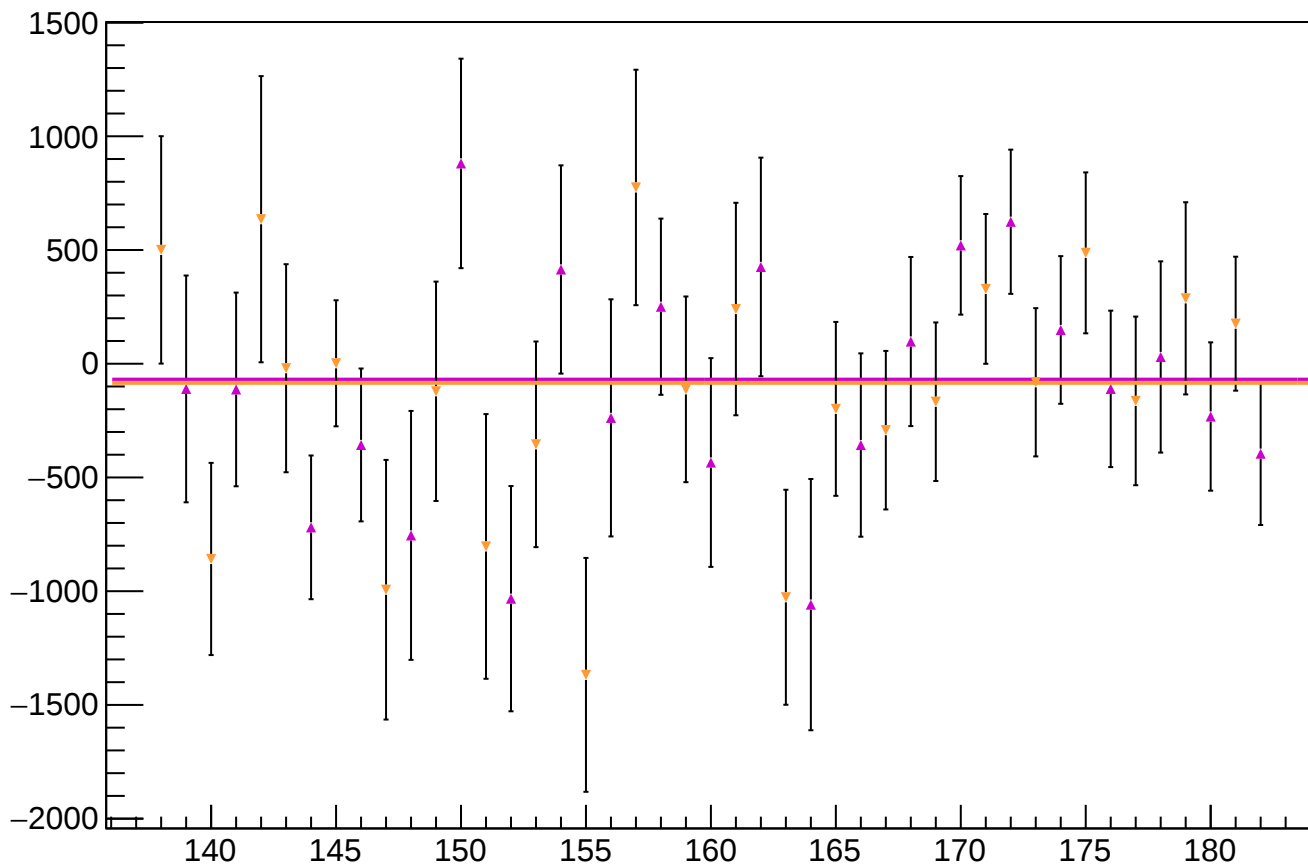
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Out: 349.080+/-0.060 χ^2/NDF :1512055.4/22

All: 348.524+/-0.043 χ^2/NDF : 2735721.0/44

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.937+/-83.892 χ^2/NDF :30.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.988+/-82.949 χ^2/NDF :32.5/21

Left: -76.884+/-58.985 χ^2/NDF : 62.8/44

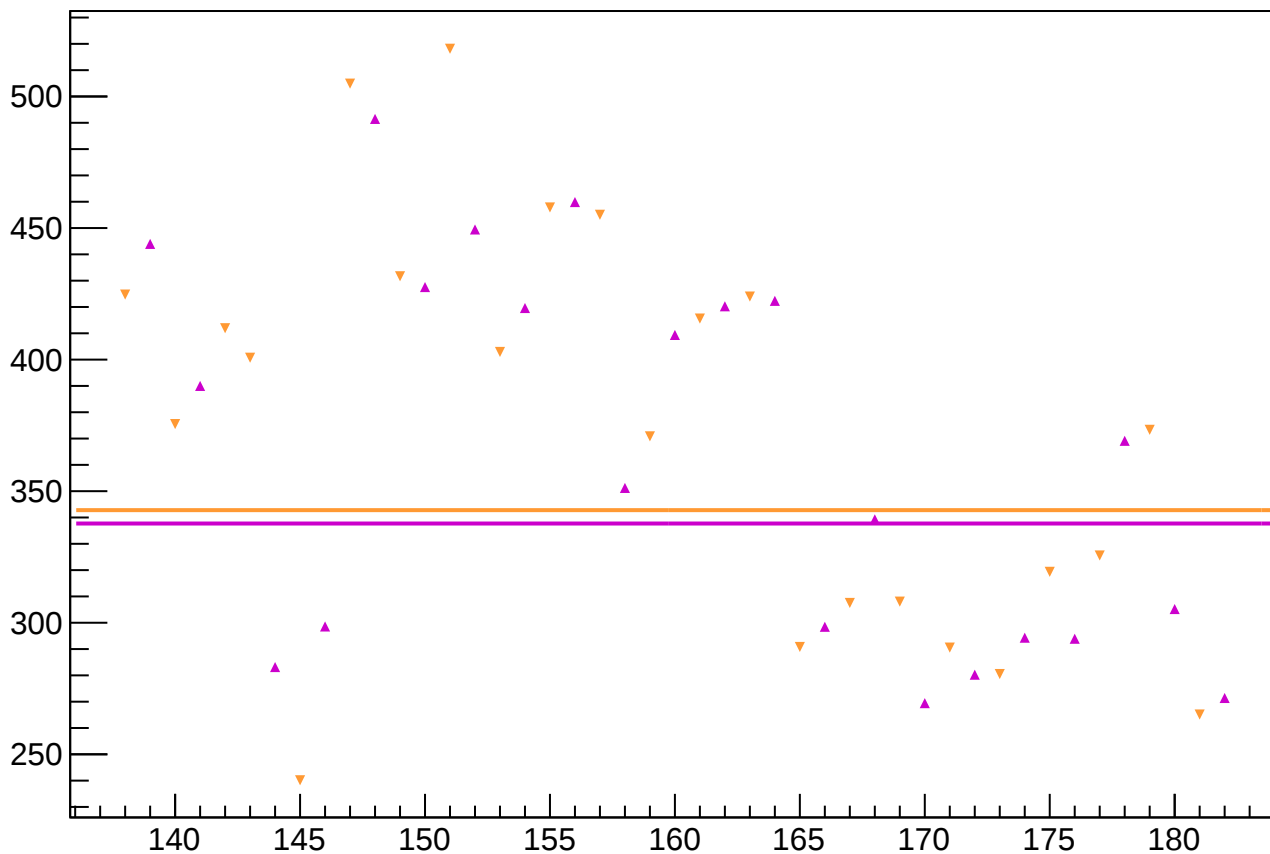
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.988+/-82.949 χ^2/NDF :32.5/21

Out: -83.937+/-83.892 χ^2/NDF :30.3/22

All: -76.884+/-58.985 χ^2/NDF : 62.8/44

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Left: 340.222+/-0.042 χ^2/NDF : 2769814.1/44

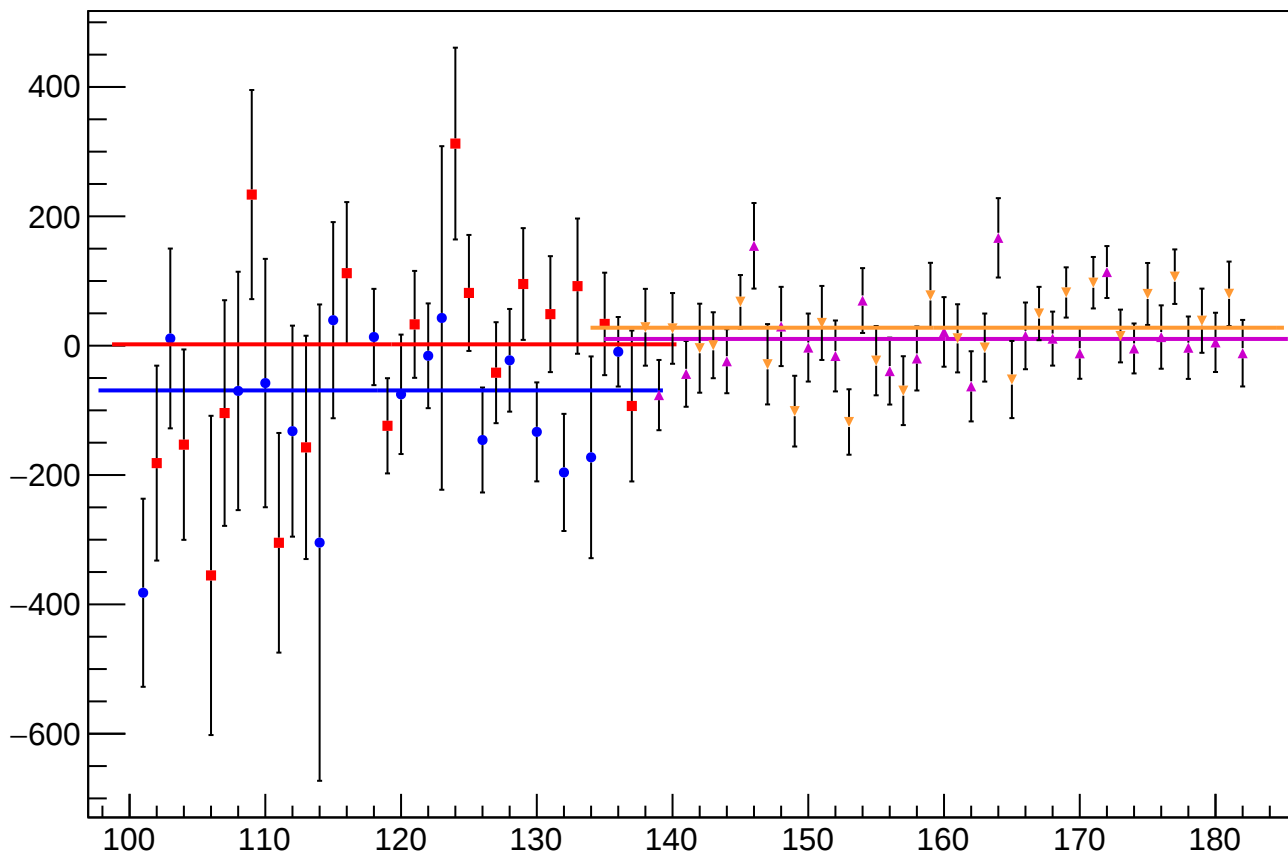
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

All: 340.222+/-0.042 χ^2/NDF : 2769814.1/44

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 27.760 ± 10.271 χ^2/NDF : 34.9/22

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 10.396 ± 10.519 χ^2/NDF : 27.7/21

Left: 19.285 ± 7.349 χ^2/NDF : 64.0/44

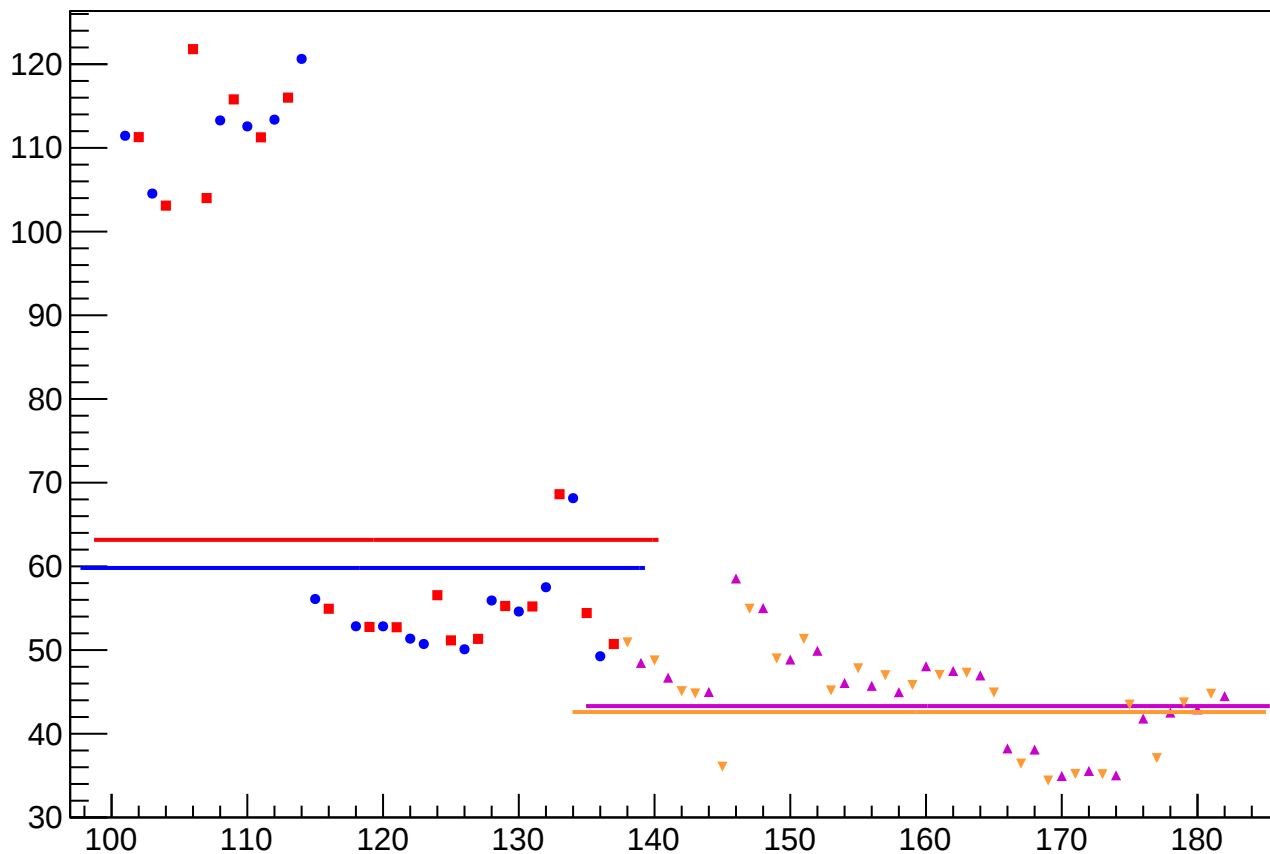
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -2.199 ± 9.651 χ^2/NDF : 50.3/38

Out: 24.098 ± 9.511 χ^2/NDF : 59.6/40

All: 11.142 ± 6.774 χ^2/NDF : 113.6/79

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: 42.595+/-0.007 χ^2/NDF : 661798.5/22

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 43.308+/-0.007 χ^2/NDF : 617312.3/21

Left: 42.943+/-0.005 χ^2/NDF : 1283810.0/44

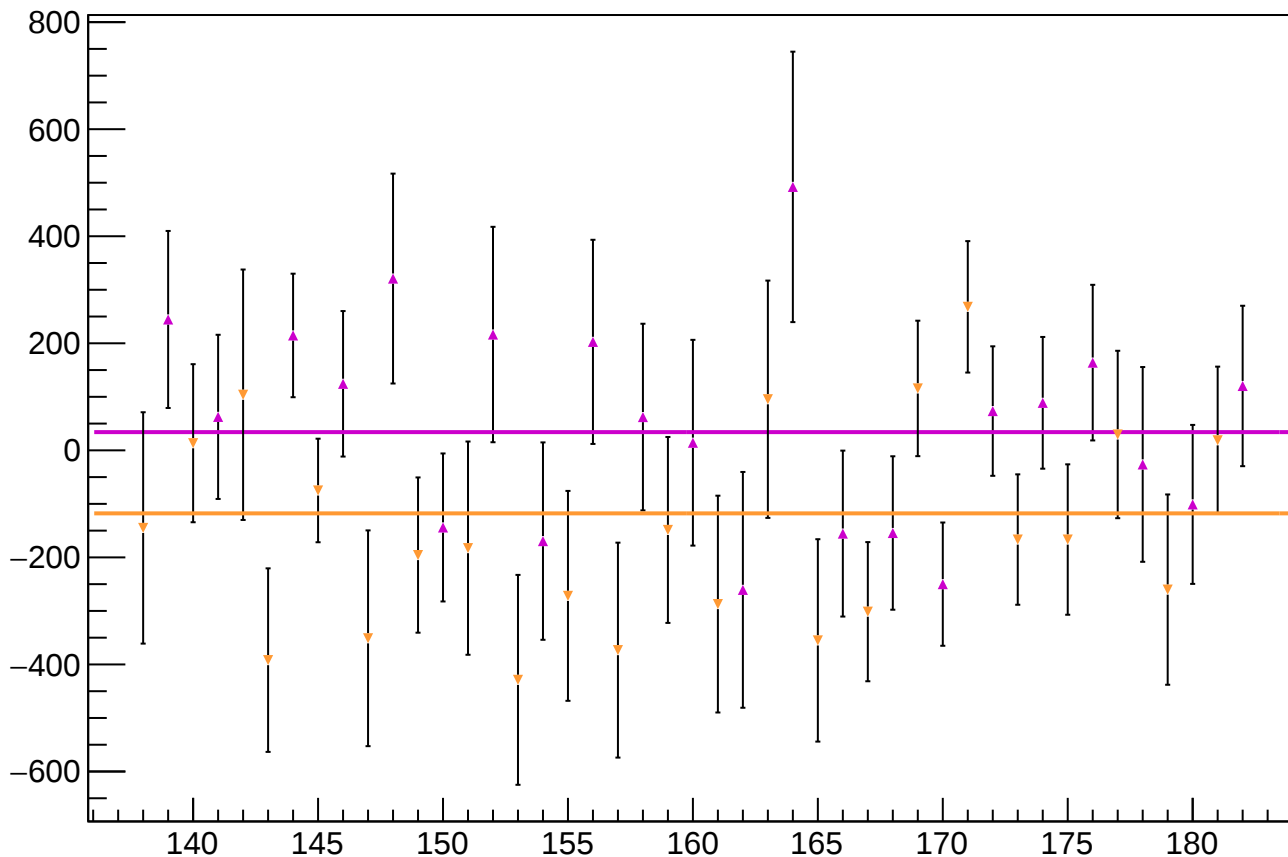
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 45.919+/-0.007 χ^2/NDF : 2626140.8/38

Out: 45.528+/-0.007 χ^2/NDF : 3192951.0/40

All: 45.721+/-0.005 χ^2/NDF : 5820756.8/79

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -117.747+/-32.654 χ^2/NDF :32.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.043+/-32.756 χ^2/NDF :28.0/21

Left: -42.088+/-23.126 χ^2/NDF : 71.0/44

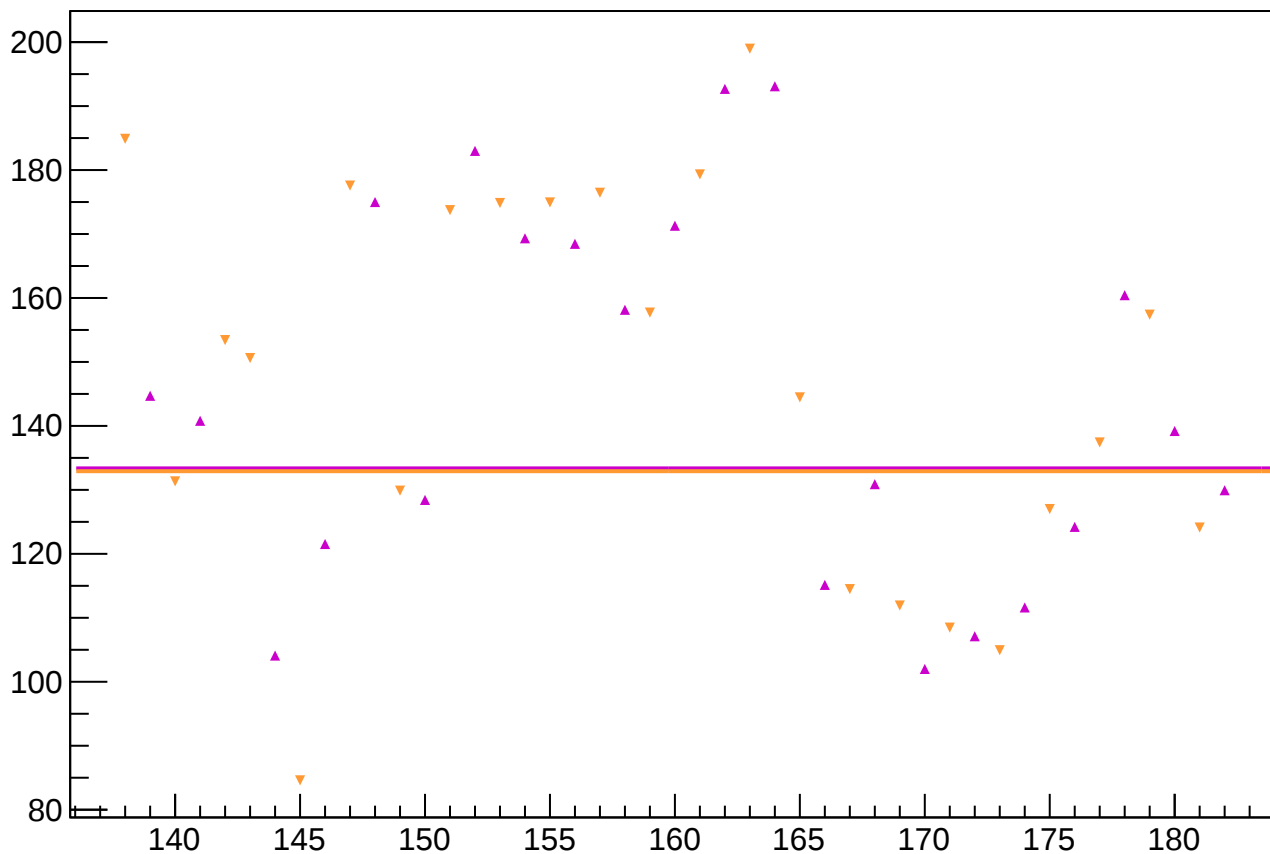
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.043+/-32.756 χ^2/NDF :28.0/21

Out: -117.747+/-32.654 χ^2/NDF :32.2/22

All: -42.088+/-23.126 χ^2/NDF : 71.0/44

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.922+/-0.023 χ^2/NDF :1774349.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Left: 133.138+/-0.016 χ^2/NDF : 3055484.8/44

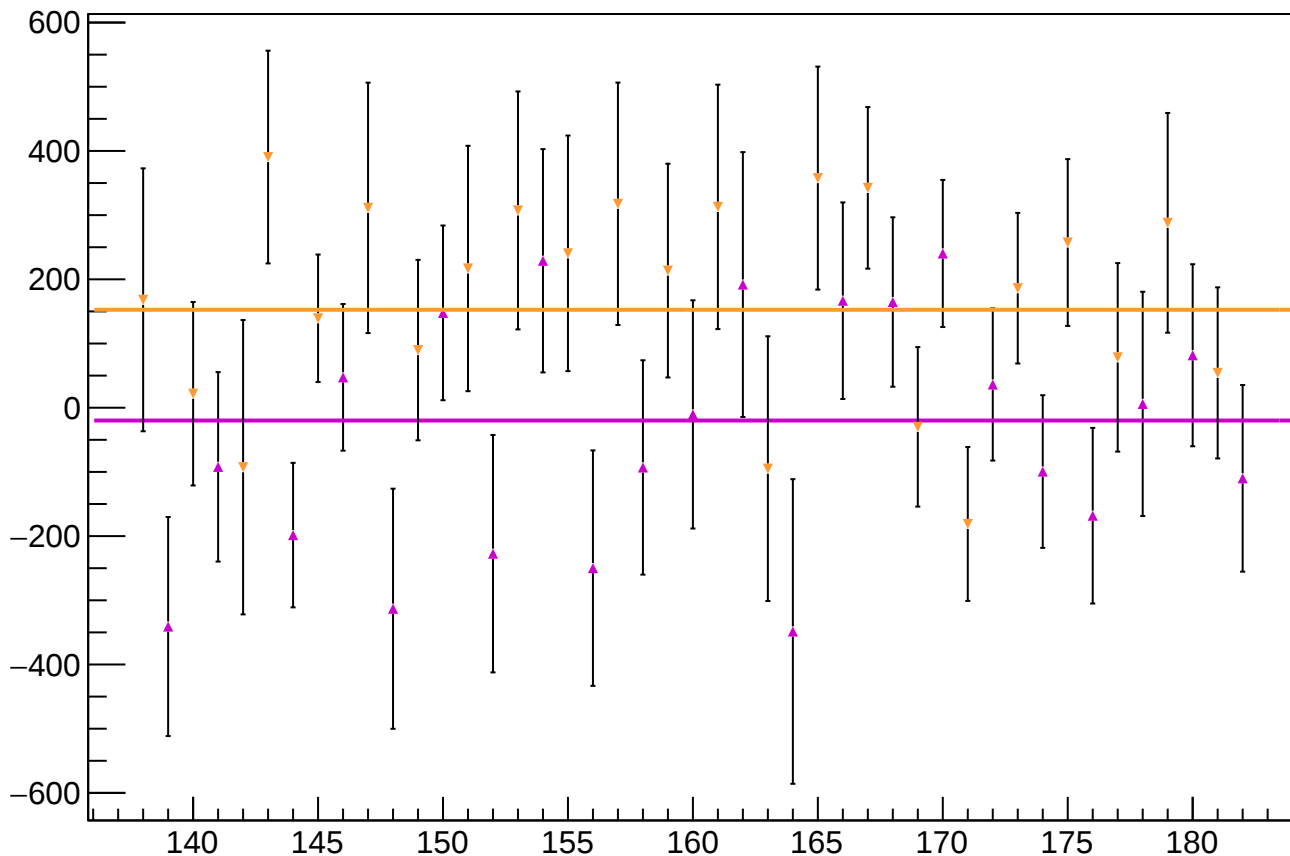
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Out: 132.922+/-0.023 χ^2/NDF :1774349.5/22

All: 133.138+/-0.016 χ^2/NDF : 3055484.8/44

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Left: 65.747 $\pm$ 22.206 χ^2 /NDF: 69.9/44

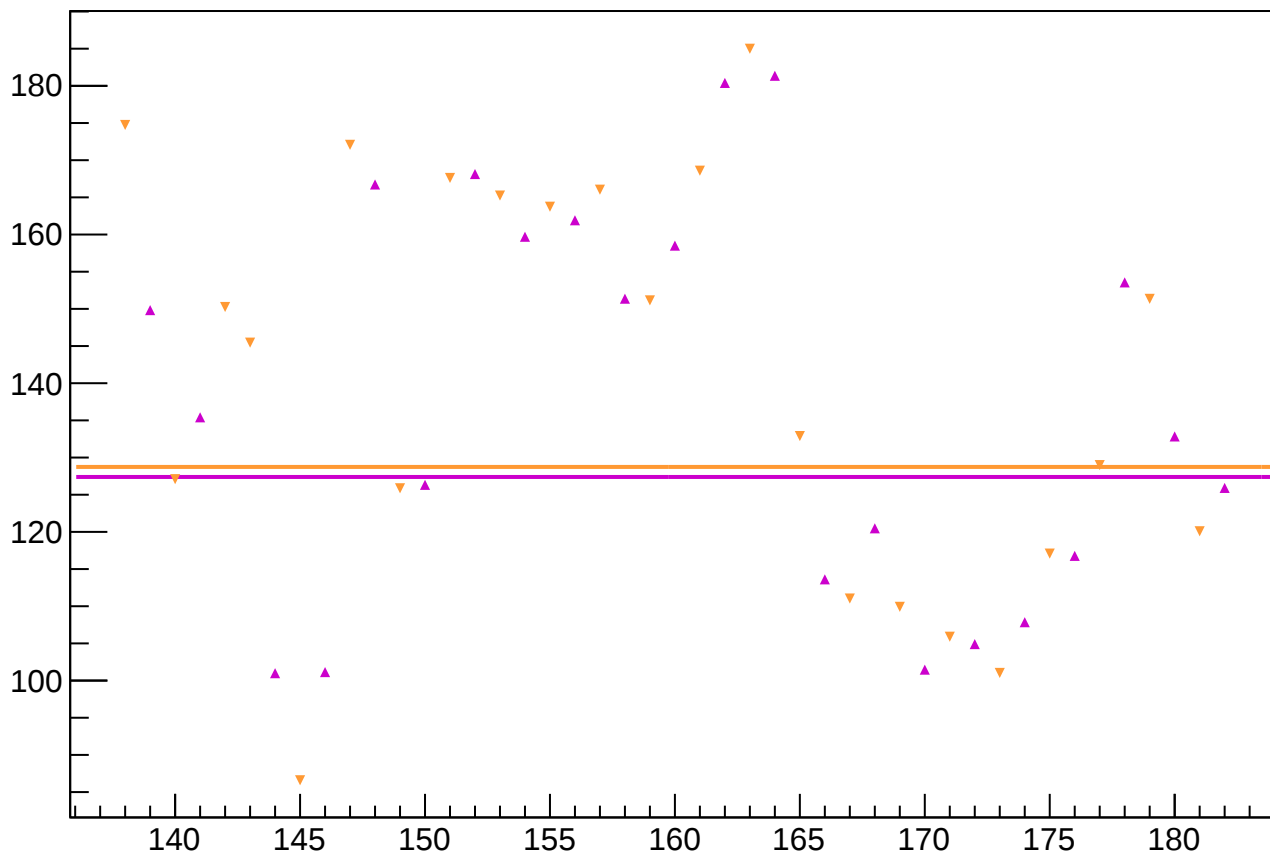
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Out: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

All: 65.747 $\pm$ 22.206 χ^2 /NDF: 69.9/44

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.389+/-0.022 χ^2/NDF :1229887.6/21

Left: 128.060+/-0.016 χ^2/NDF : 2744687.5/44

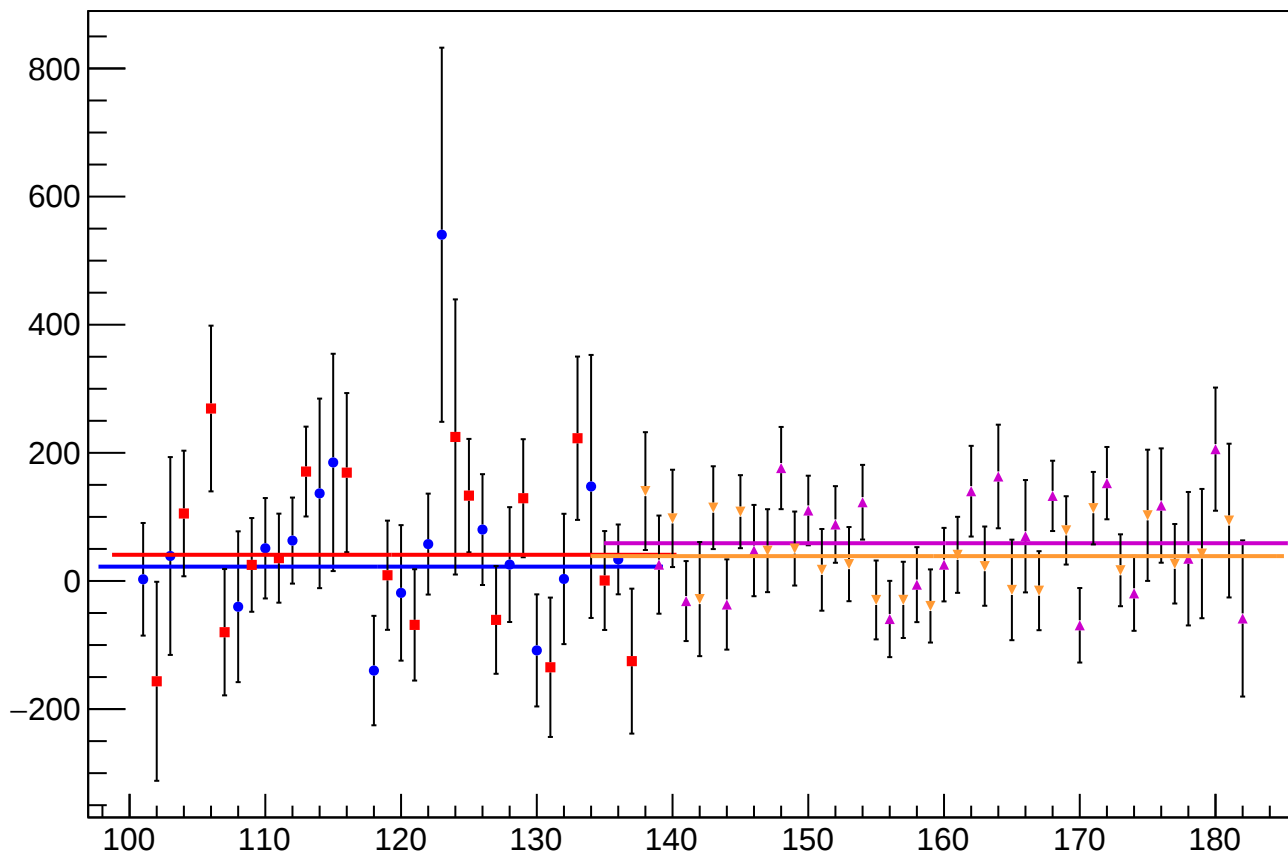
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.389+/-0.022 χ^2/NDF :1229887.6/21

Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

All: 128.060+/-0.016 χ^2/NDF : 2744687.5/44

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: 38.778 $\pm$ 13.639 χ^2/NDF :14.3/22

Right Out: 40.867 $\pm$ 22.136 χ^2/NDF : 24.2/17

Left In: 58.915 $\pm$ 14.187 χ^2/NDF :33.3/21

Left: 48.450 $\pm$ 9.832 χ^2/NDF : 48.6/44

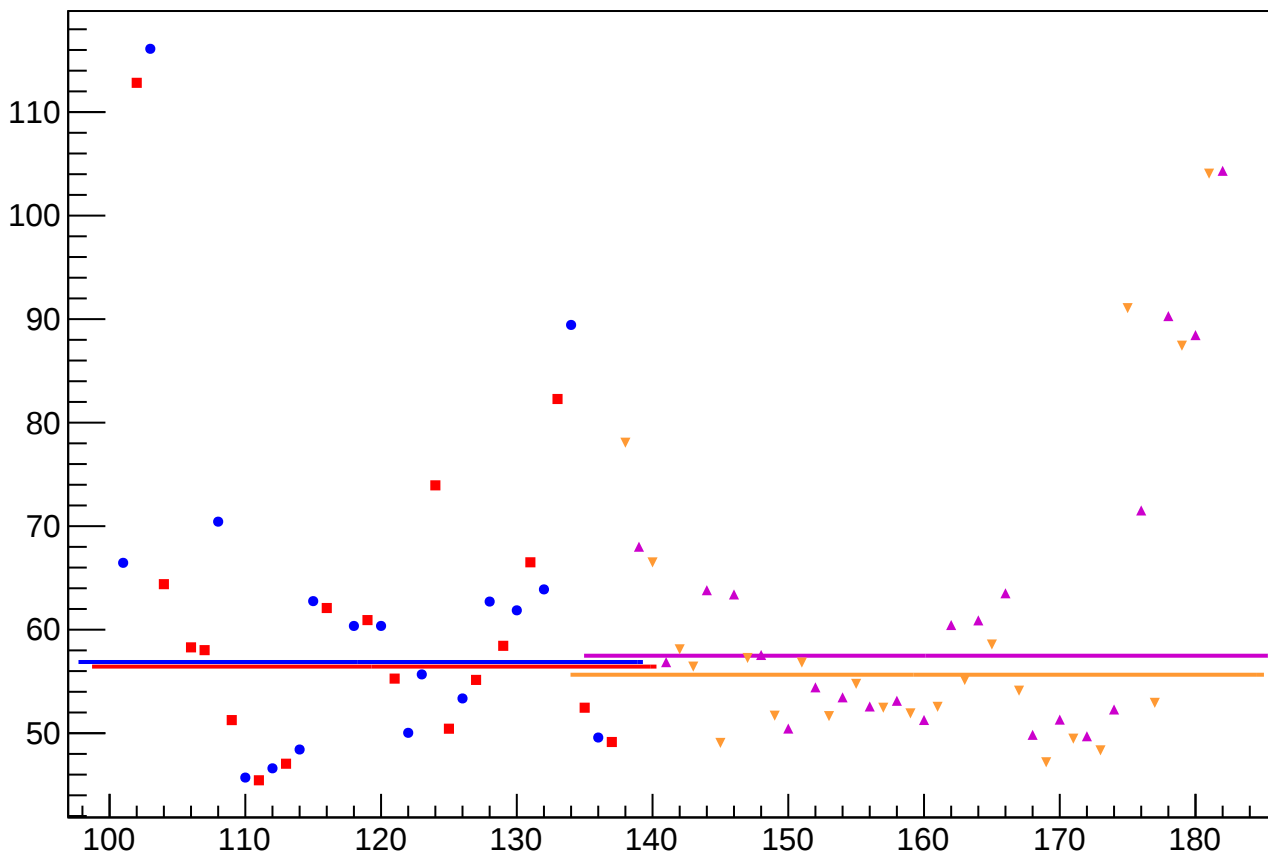
Right: 31.816 $\pm$ 15.823 χ^2/NDF : 37.1/34

In: 48.599 $\pm$ 12.019 χ^2/NDF :47.8/38

Out: 39.353 $\pm$ 11.612 χ^2/NDF :38.5/40

All: 43.817 $\pm$ 8.351 χ^2/NDF : 86.5/79

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.649 $\pm$ 0.010 χ^2 /NDF:1108158.4/22

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 57.485 $\pm$ 0.010 χ^2 /NDF:1046581.7/21

Left: 56.531 $\pm$ 0.007 χ^2 /NDF: 2172157.6/44

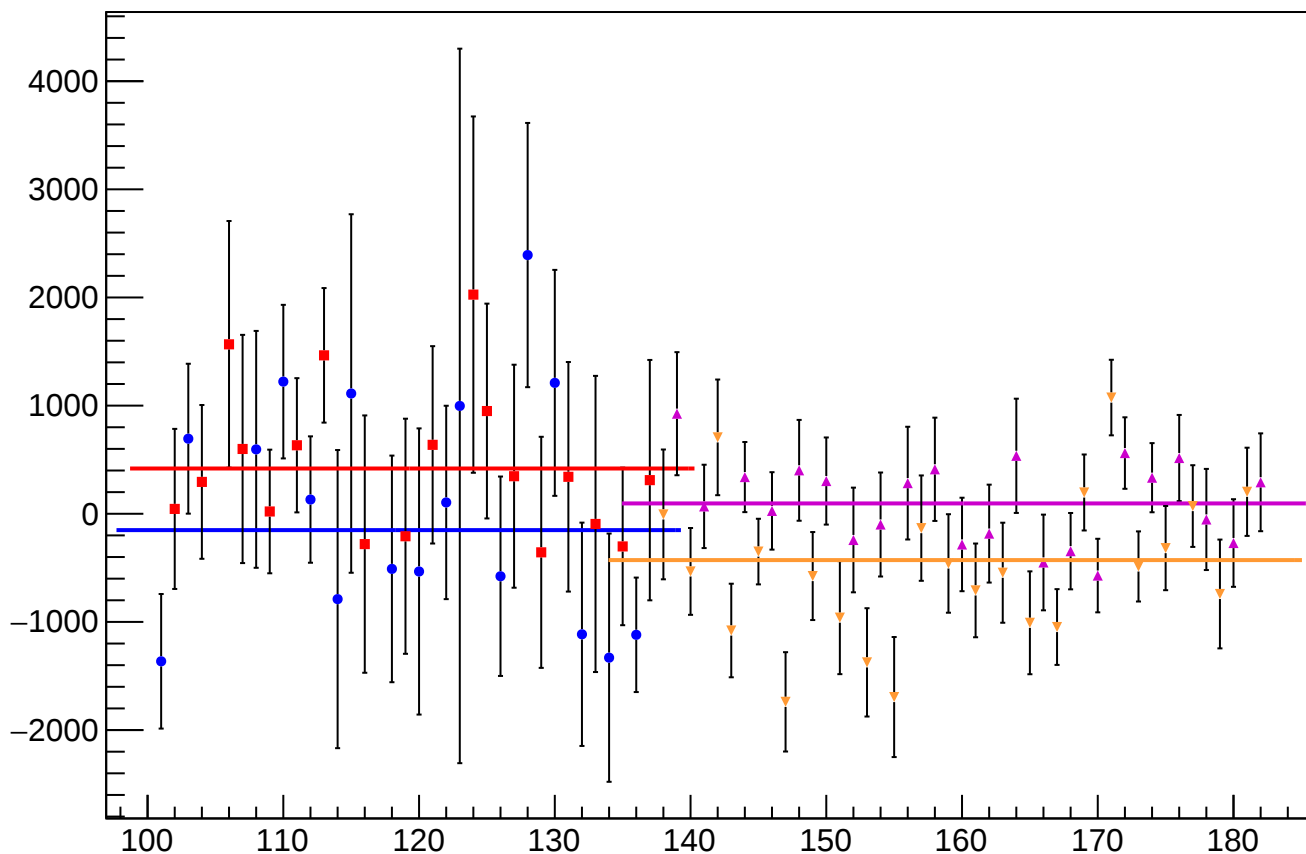
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.314 $\pm$ 0.008 χ^2 /NDF:1623101.0/38

Out: 55.865 $\pm$ 0.008 χ^2 /NDF:1630438.7/40

All: 56.565 $\pm$ 0.006 χ^2 /NDF: 3268580.0/79

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -428.363 ± 87.254 $\chi^2/\text{NDF}: 57.3/22$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 95.624 ± 87.386 $\chi^2/\text{NDF}: 18.2/21$

Left: -166.767 ± 61.745 $\chi^2/\text{NDF}: 93.5/44$

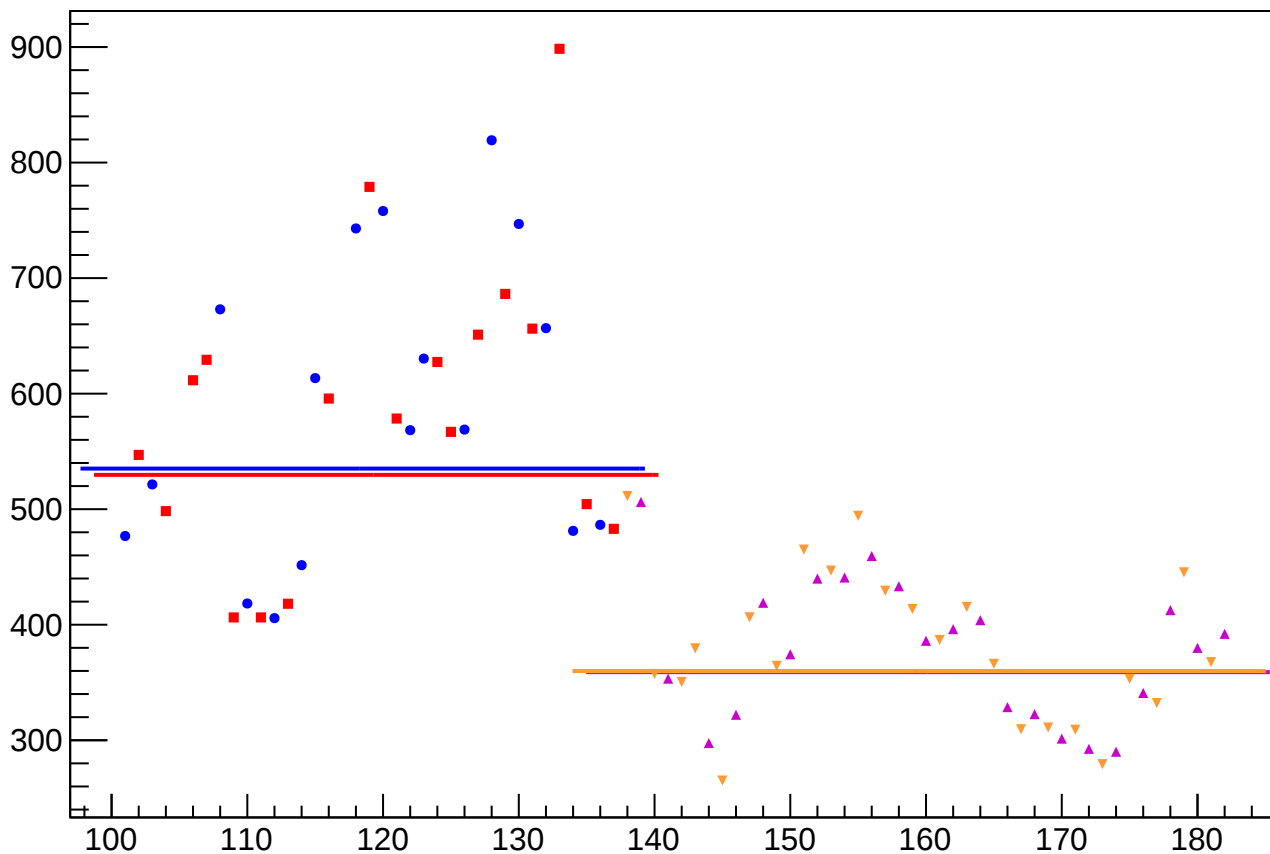
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 59.907 ± 80.817 $\chi^2/\text{NDF}: 41.8/38$

Out: -298.533 ± 80.288 $\chi^2/\text{NDF}: 80.1/40$

All: -120.490 ± 56.958 $\chi^2/\text{NDF}: 131.8/79$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 359.916+/-0.062 χ^2/NDF : 1027441.0/22

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 358.947+/-0.062 χ^2/NDF : 843887.2/21

Left: 359.432+/-0.044 χ^2/NDF : 1871451.2/44

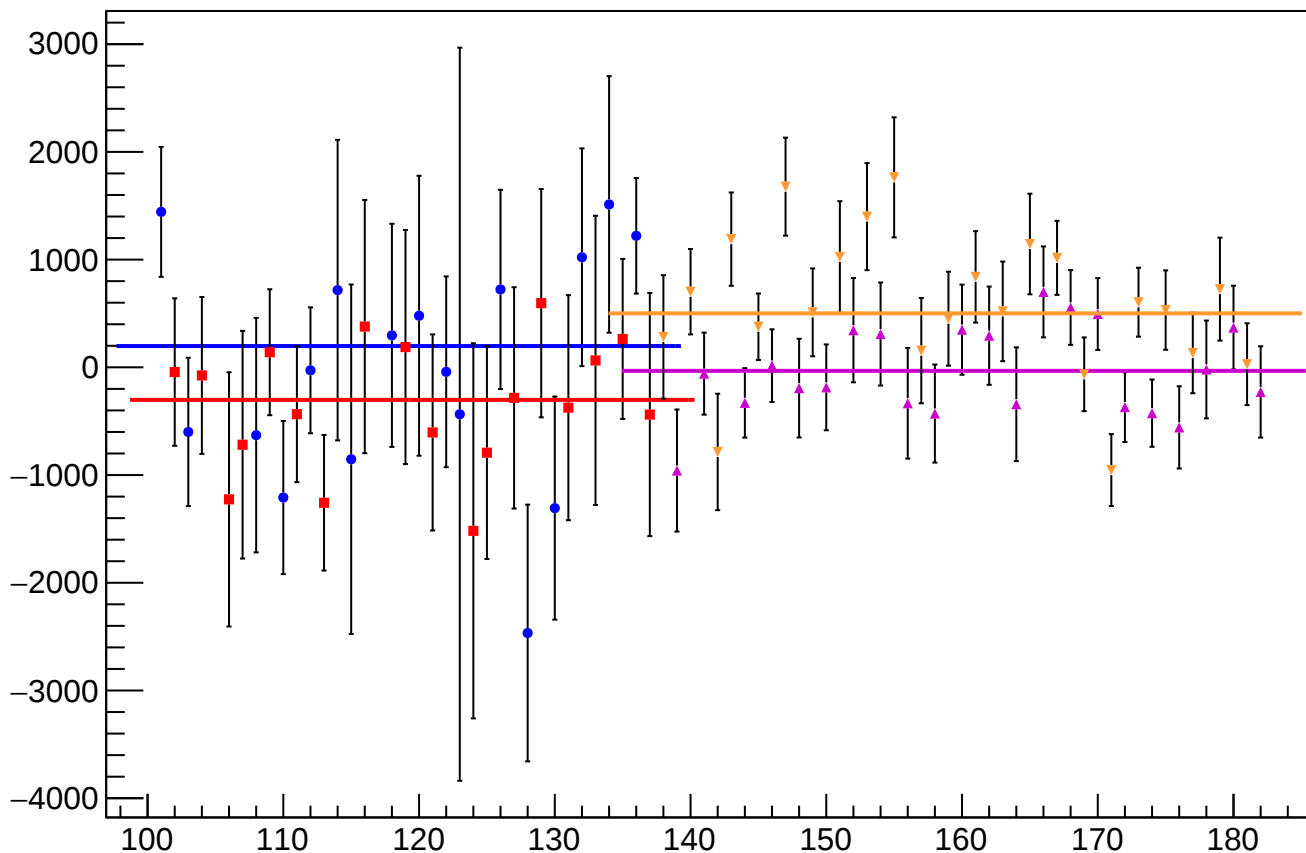
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 384.444+/-0.057 χ^2/NDF : 2616498.1/38

Out: 385.946+/-0.057 χ^2/NDF : 2835316.3/40

All: 385.200+/-0.040 χ^2/NDF : 5452162.3/79

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 501.026 $\pm$ 85.644 χ^2 /NDF:54.7/22

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -32.697 $\pm$ 85.286 χ^2 /NDF:21.9/21

Left: 233.045 $\pm$ 60.433 χ^2 /NDF: 96.2/44

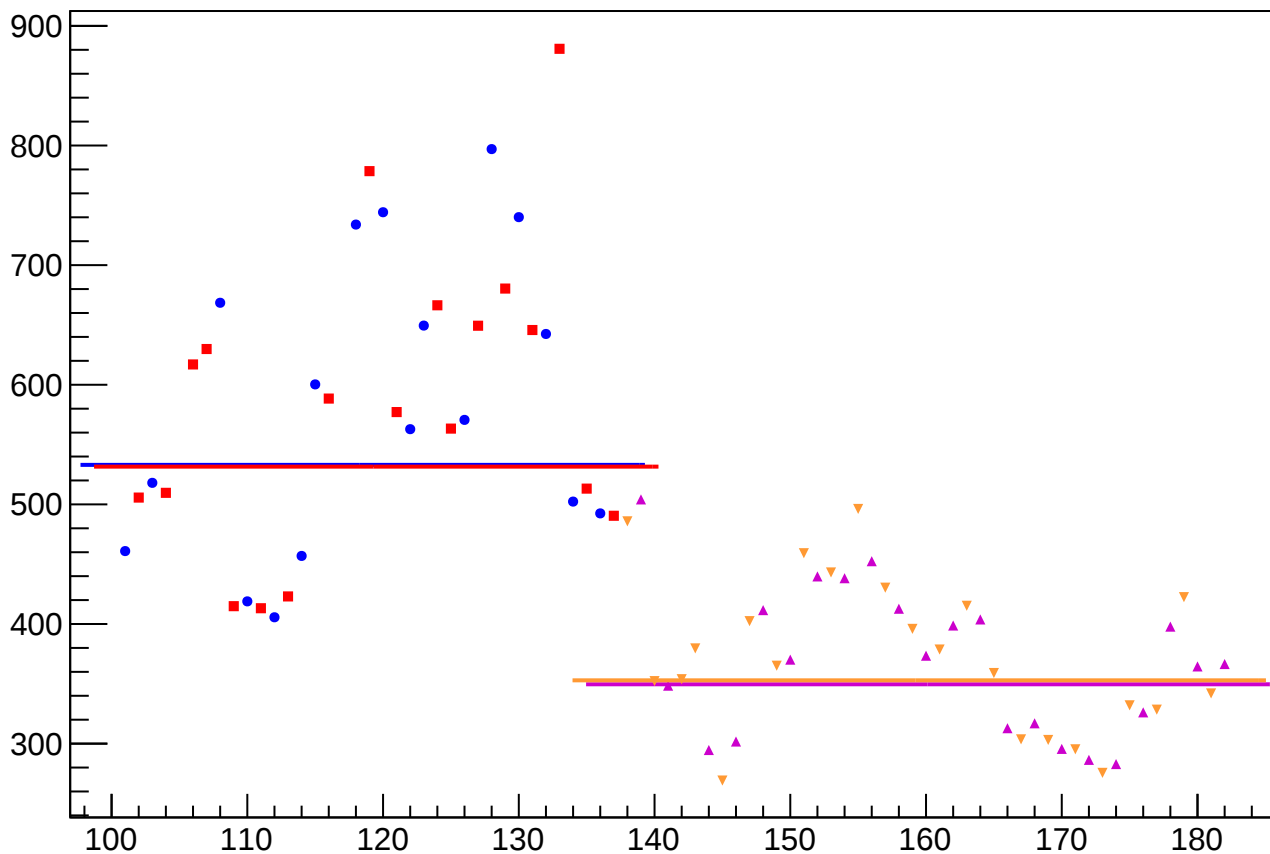
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -0.487 $\pm$ 79.096 χ^2 /NDF:46.9/38

Out: 382.407 $\pm$ 79.065 χ^2 /NDF:74.4/40

All: 191.035 $\pm$ 55.918 χ^2 /NDF: 133.0/79

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.911+/-0.061 χ^2/NDF : 1003465.7/22

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 349.605+/-0.060 χ^2/NDF : 885819.0/21

Left: 351.251+/-0.043 χ^2/NDF : 1890780.7/44

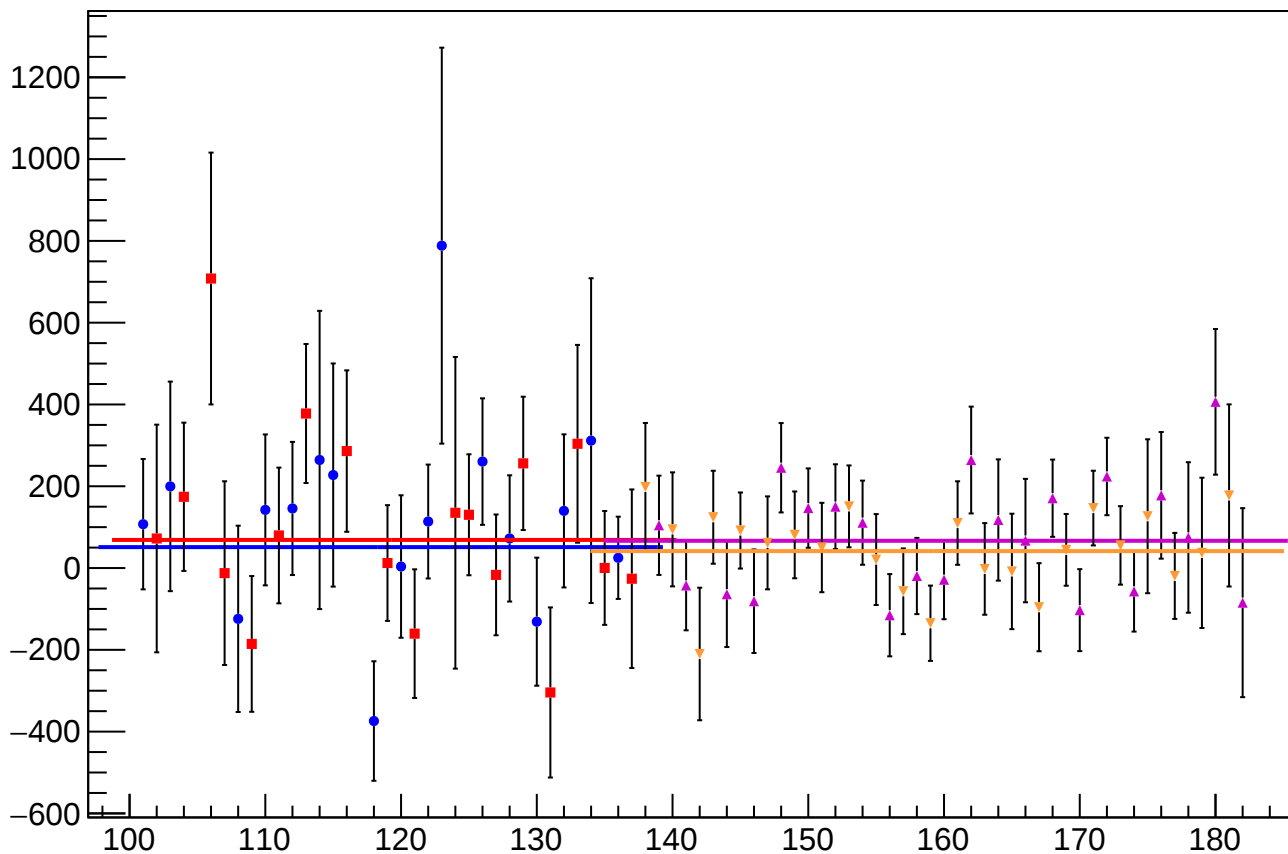
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 375.264+/-0.056 χ^2/NDF : 2746778.3/38

Out: 379.305+/-0.056 χ^2/NDF : 2887061.7/40

All: 377.285+/-0.040 χ^2/NDF : 5636450.8/79

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: 41.410 $\pm$ 23.559 χ^2 /NDF:15.0/22

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 66.652 $\pm$ 24.486 χ^2 /NDF:28.2/21

Left: 53.544 $\pm$ 16.977 χ^2 /NDF: 43.7/44

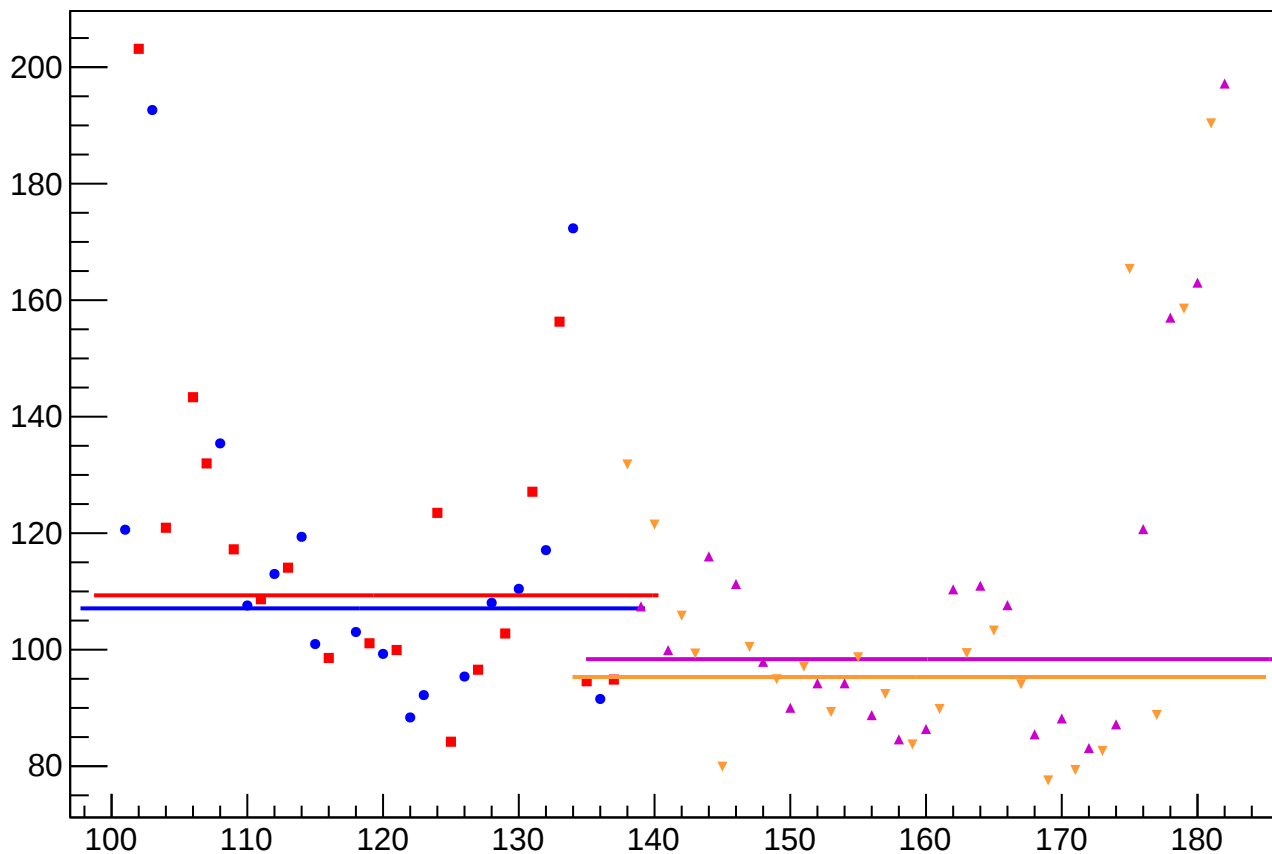
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 62.781 $\pm$ 21.206 χ^2 /NDF:45.6/38

Out: 47.773 $\pm$ 20.639 χ^2 /NDF:35.6/40

All: 55.074 $\pm$ 14.790 χ^2 /NDF: 81.5/79

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.311 $\pm$ 0.017 χ^2 /NDF:1370974.7/22

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 98.376 $\pm$ 0.017 χ^2 /NDF:1231646.2/21

Left: 96.784 $\pm$ 0.012 χ^2 /NDF: 2618897.6/44

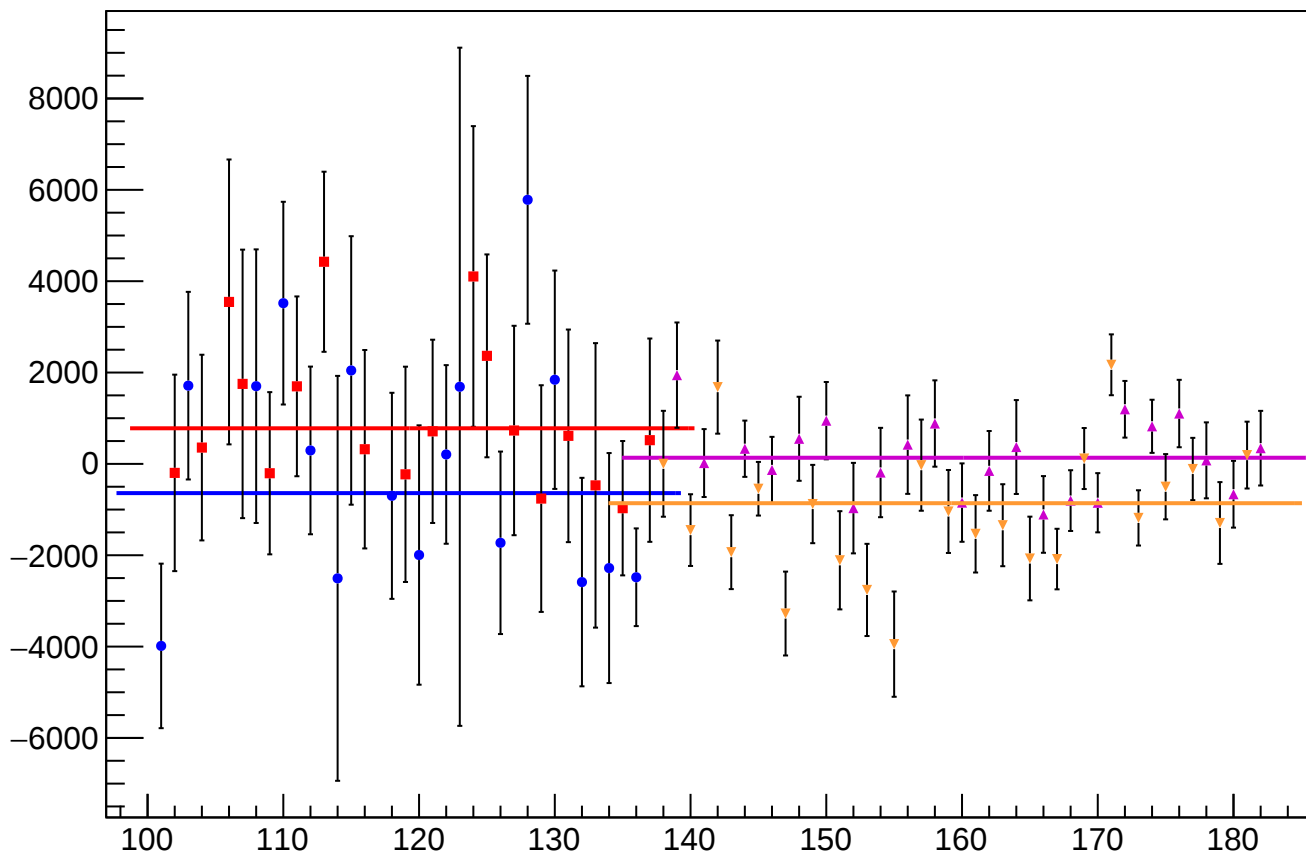
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.555 $\pm$ 0.015 χ^2 /NDF:1732768.9/38

Out: 98.570 $\pm$ 0.015 χ^2 /NDF:2041648.0/40

All: 99.536 $\pm$ 0.010 χ^2 /NDF: 3783417.3/79

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Left: -363.475 +/- 118.443 χ^2/NDF : 100.9/44

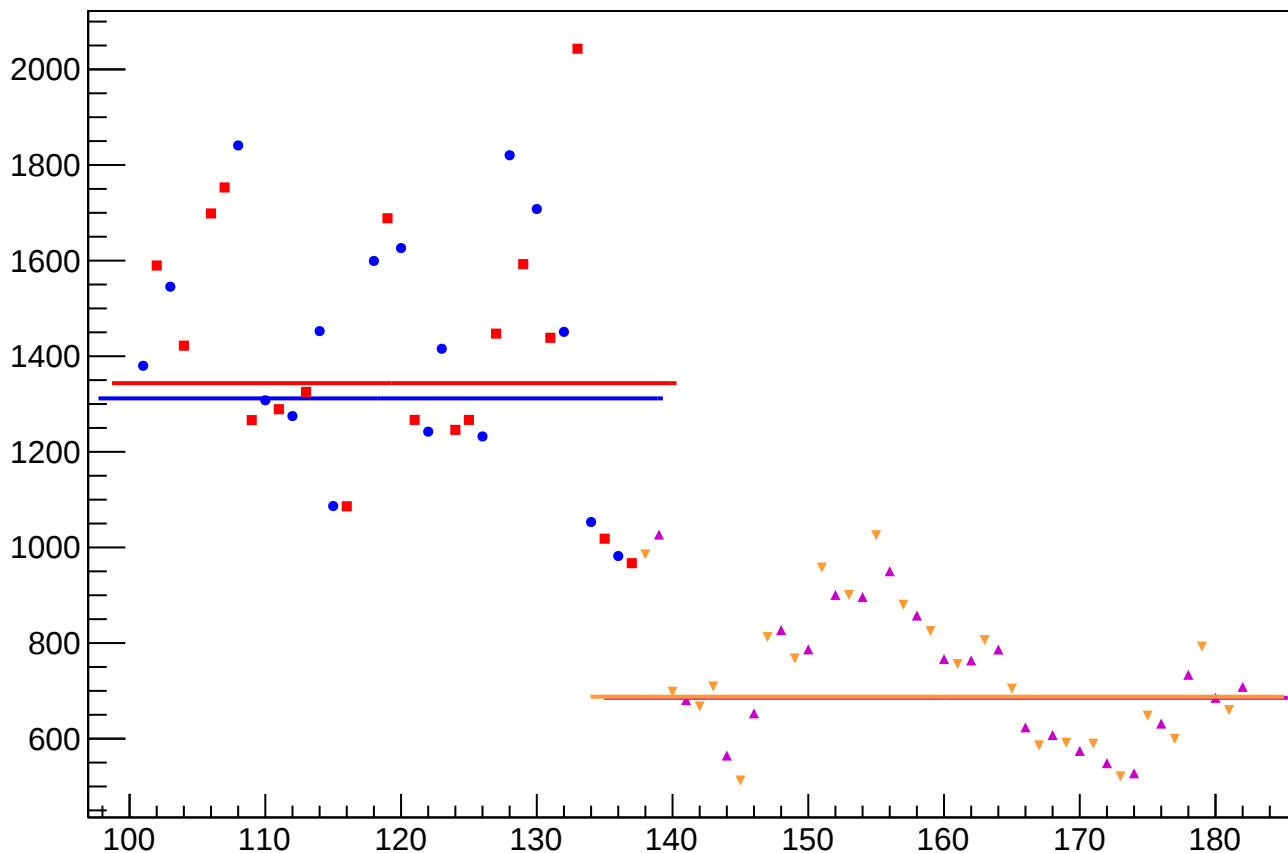
Right: 73.635 +/- 366.171 χ^2/NDF : 34.4/34

In: 61.489 +/- 159.477 χ^2/NDF : 44.9/38

Out: -704.639 +/- 159.270 χ^2/NDF : 80.0/40

All: -322.072 +/- 112.694 χ^2/NDF : 136.5/79

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 687.836 $\pm$ 0.118 χ^2 /NDF: 1276731.4/22

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 685.501 $\pm$ 0.118 χ^2 /NDF: 1120322.0/21

Left: 686.670 $\pm$ 0.084 χ^2 /NDF: 2397247.8/44

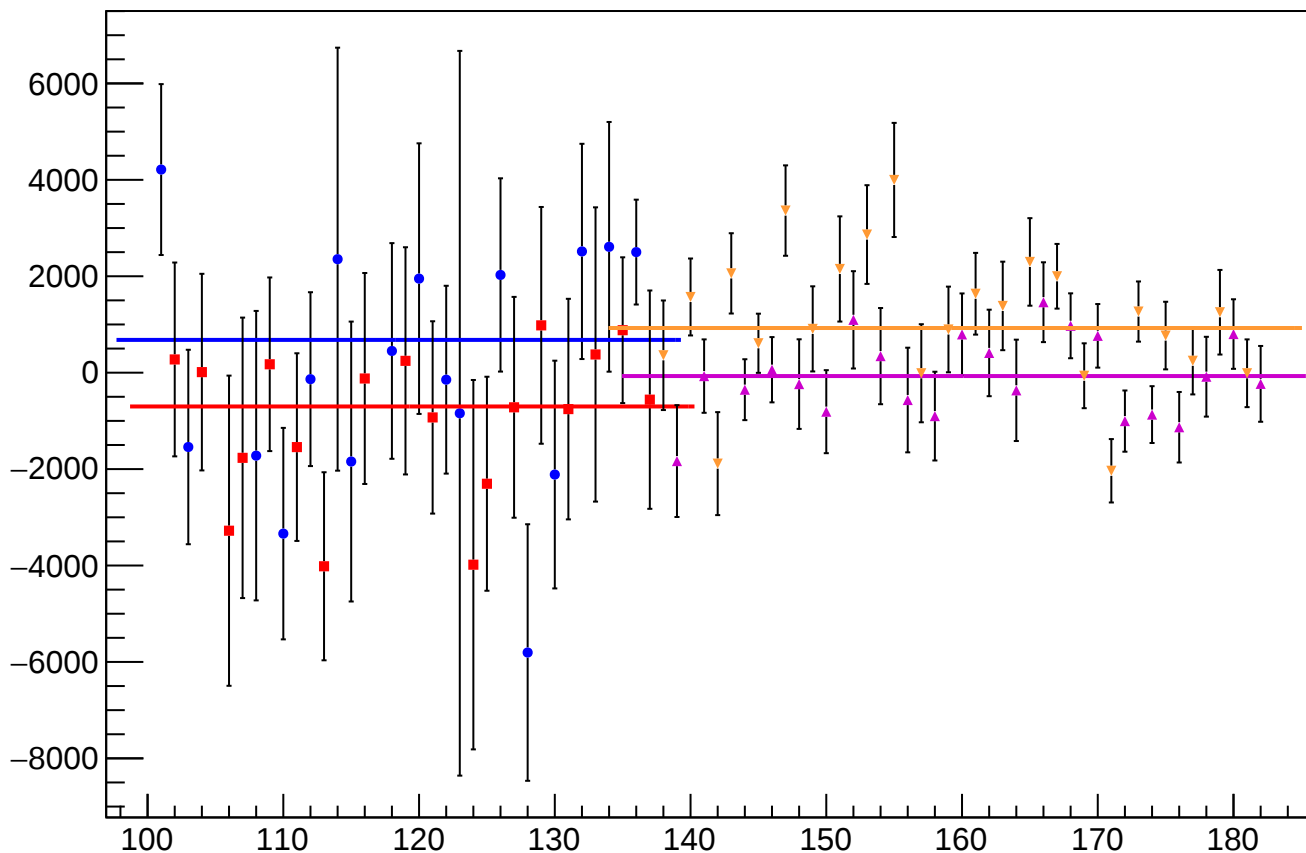
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 744.579 $\pm$ 0.113 χ^2 /NDF: 4268159.3/38

Out: 750.209 $\pm$ 0.113 χ^2 /NDF: 4656131.2/40

All: 747.398 $\pm$ 0.080 χ^2 /NDF: 8925538.7/79

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 ± 517.508 $\chi^2/\text{NDF}: 22.6/16$

Left Out: 926.618 ± 169.047 $\chi^2/\text{NDF}: 60.6/22$

Right Out: -700.930 ± 517.319 $\chi^2/\text{NDF}: 7.6/17$

Left In: -69.984 ± 168.056 $\chi^2/\text{NDF}: 22.3/21$

Left: 425.388 ± 119.183 $\chi^2/\text{NDF}: 100.4/44$

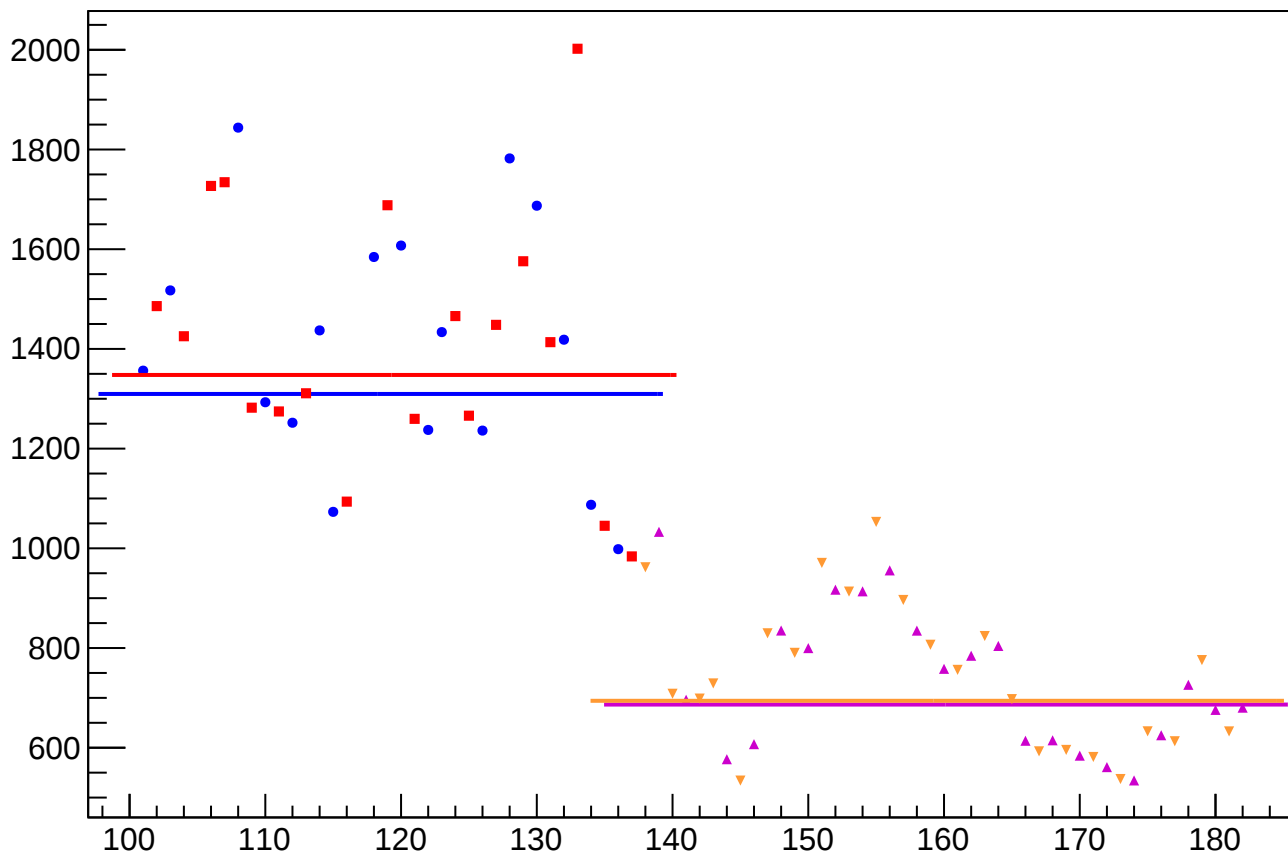
Right: -10.753 ± 365.867 $\chi^2/\text{NDF}: 33.8/34$

In: 1.555 ± 159.840 $\chi^2/\text{NDF}: 46.7/38$

Out: 769.593 ± 160.685 $\chi^2/\text{NDF}: 77.2/40$

All: 383.547 ± 113.321 $\chi^2/\text{NDF}: 135.4/79$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 694.143 $\pm$ 0.120 χ^2 /NDF: 1231344.9/22

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 686.580 $\pm$ 0.119 χ^2 /NDF: 1115447.5/21

Left: 690.339 $\pm$ 0.084 χ^2 /NDF: 2348805.9/44

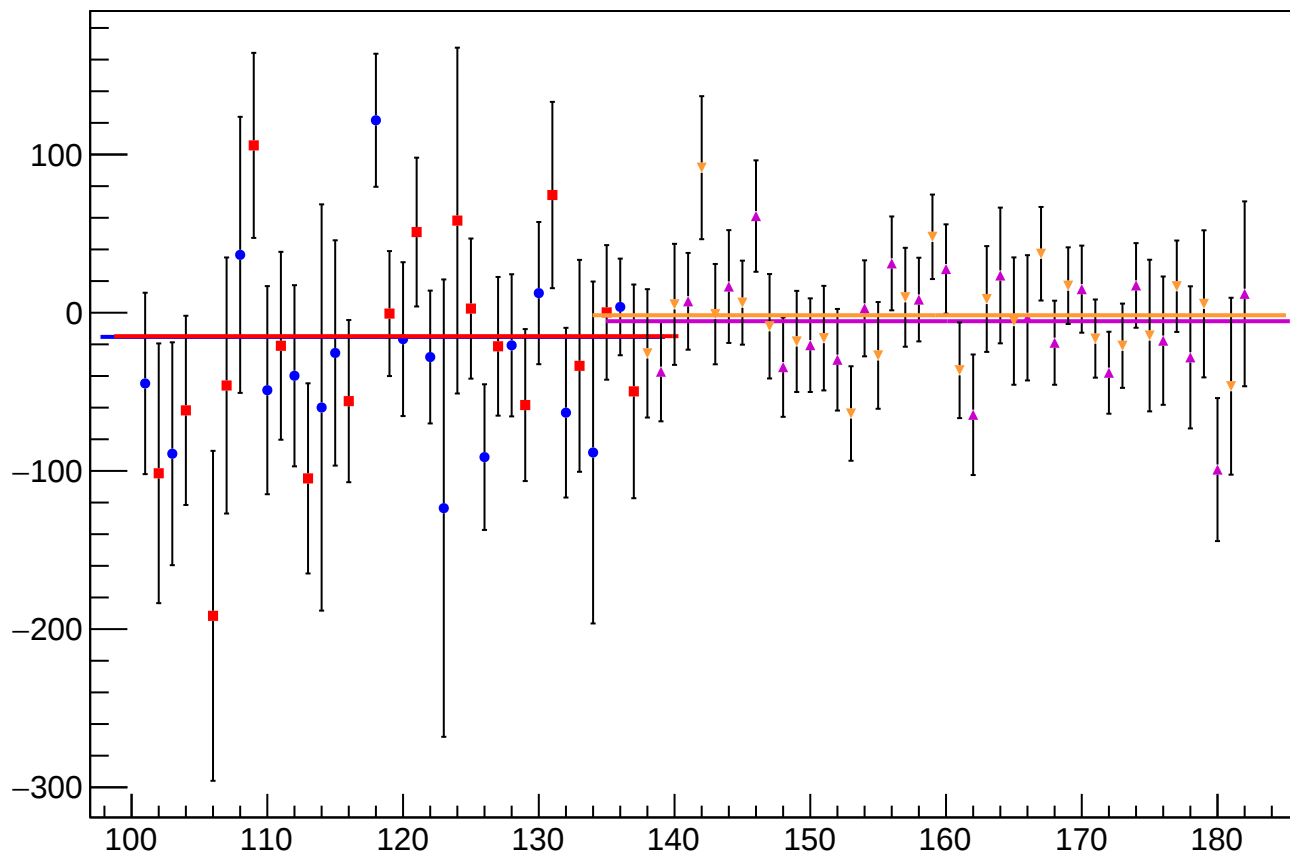
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 746.019 $\pm$ 0.113 χ^2 /NDF: 4197371.9/38

Out: 757.205 $\pm$ 0.114 χ^2 /NDF: 4521431.8/40

All: 751.582 $\pm$ 0.080 χ^2 /NDF: 8723674.8/79

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.587 ± 6.690 χ^2/NDF : 19.5/22

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -5.368 ± 6.886 χ^2/NDF : 20.8/21

Left: -3.423 ± 4.798 χ^2/NDF : 40.4/44

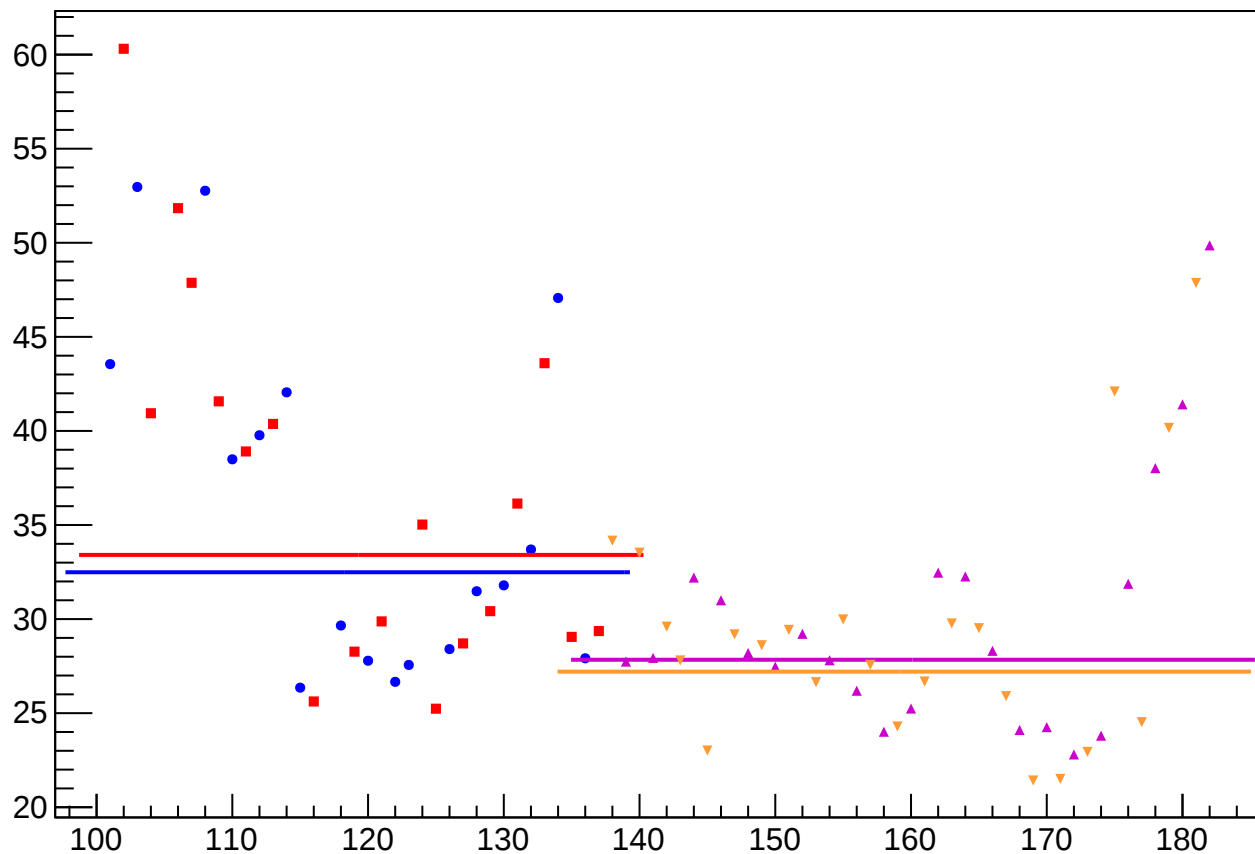
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.564 ± 6.075 χ^2/NDF : 39.5/38

Out: -4.329 ± 5.957 χ^2/NDF : 38.5/40

All: -5.915 ± 4.254 χ^2/NDF : 78.2/79

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 ± 0.009 $\chi^2/\text{NDF}: 594480.9/16$

Left Out: 27.207 ± 0.005 $\chi^2/\text{NDF}: 1161281.9/22$

Right Out: 33.411 ± 0.009 $\chi^2/\text{NDF}: 725189.8/17$

Left In: 27.839 ± 0.005 $\chi^2/\text{NDF}: 947857.6/21$

Left: 27.514 ± 0.003 $\chi^2/\text{NDF}: 2117800.7/44$

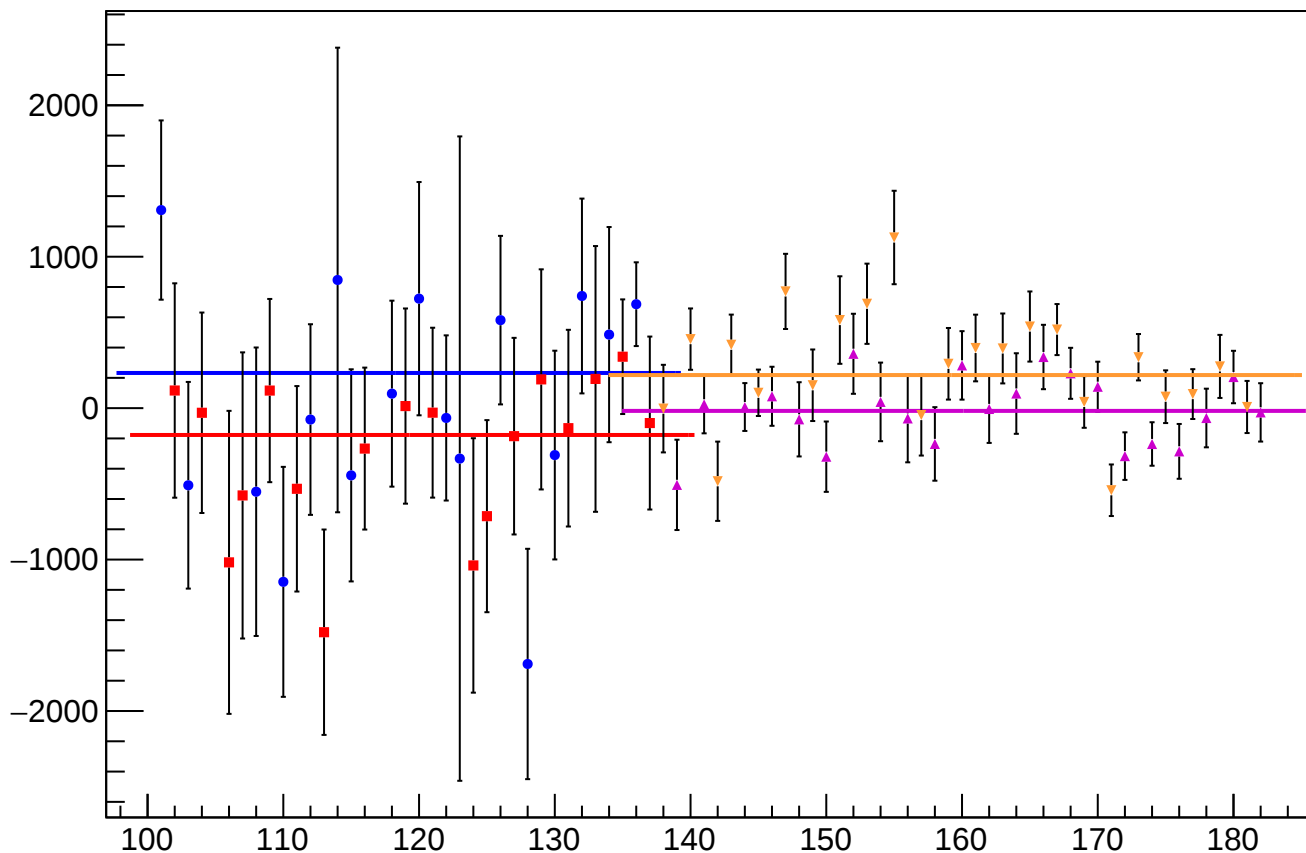
Right: 32.943 ± 0.007 $\chi^2/\text{NDF}: 1324698.1/34$

In: 28.869 ± 0.004 $\chi^2/\text{NDF}: 1744433.7/38$

Out: 28.491 ± 0.004 $\chi^2/\text{NDF}: 2242384.6/40$

All: 28.676 ± 0.003 $\chi^2/\text{NDF}: 3990775.7/79$

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 218.520 $\pm$ 42.527 χ^2 /NDF:61.0/22

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -18.167 $\pm$ 42.559 χ^2 /NDF:25.4/21

Left: 100.264 $\pm$ 30.082 χ^2 /NDF: 101.9/44

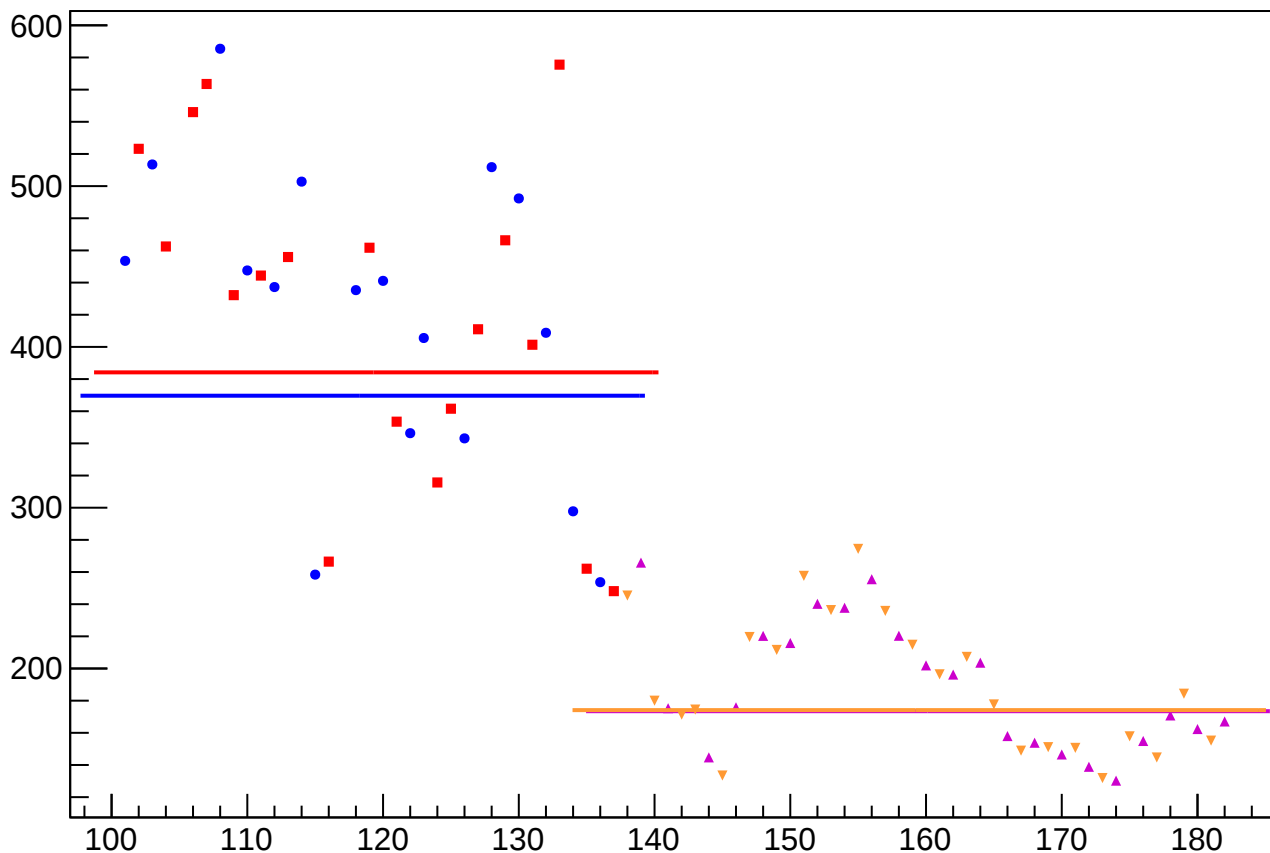
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 0.821 $\pm$ 40.914 χ^2 /NDF:49.5/38

Out: 189.083 $\pm$ 40.915 χ^2 /NDF:77.1/40

All: 94.950 $\pm$ 28.931 χ^2 /NDF: 137.1/79

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 174.116 $\pm$ 0.030 χ^2 /NDF: 1479671.2/22

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 173.451 $\pm$ 0.030 χ^2 /NDF: 1362238.8/21

Left: 173.784 $\pm$ 0.021 χ^2 /NDF: 2842154.7/44

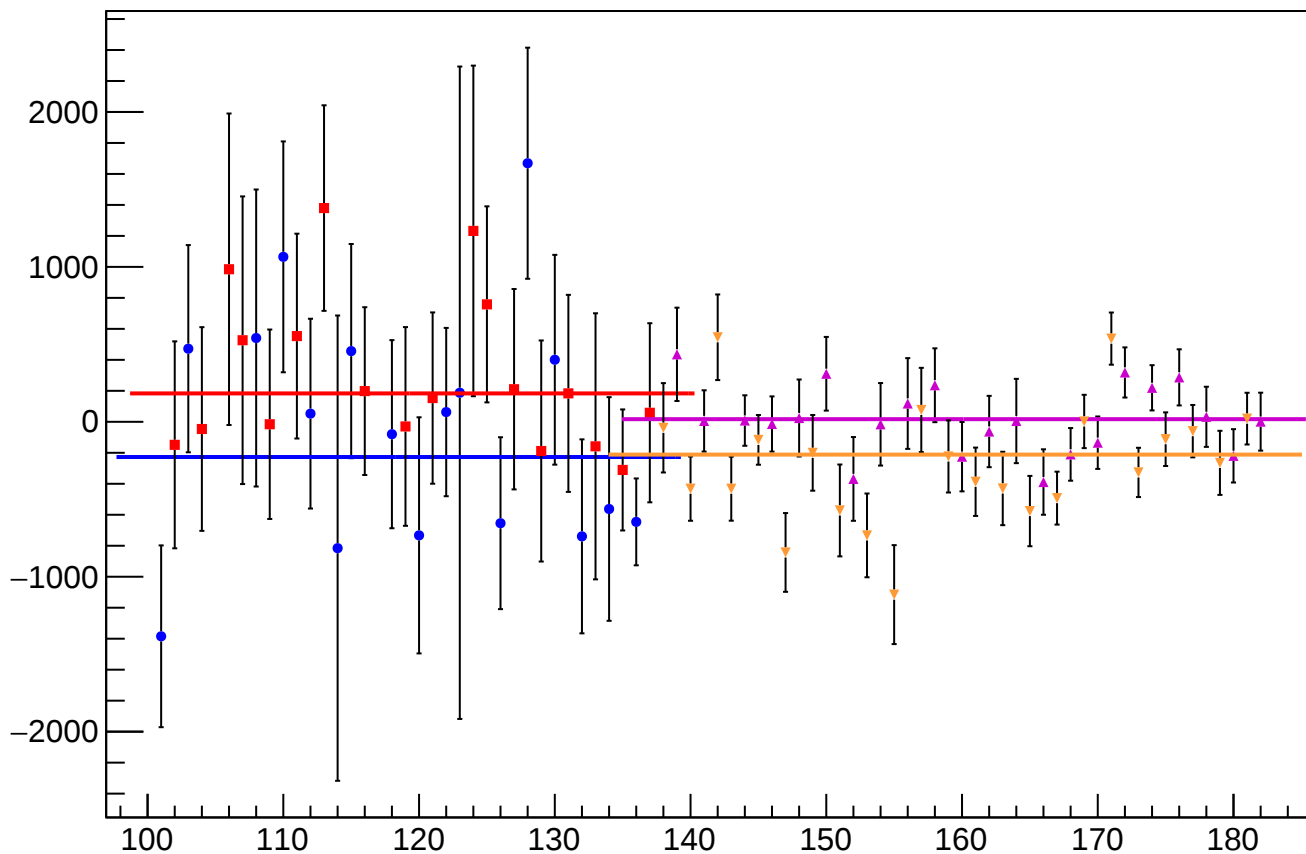
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 188.322 $\pm$ 0.029 χ^2 /NDF: 5486905.4/38

Out: 189.744 $\pm$ 0.029 χ^2 /NDF: 5984784.5/40

All: 189.033 $\pm$ 0.020 χ^2 /NDF: 11472896.9/79

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -211.634+/-43.113 χ^2/NDF : 62.7/22

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 17.085+/-42.821 χ^2/NDF : 23.6/21

Left: -96.498+/-30.382 χ^2/NDF : 100.5/44

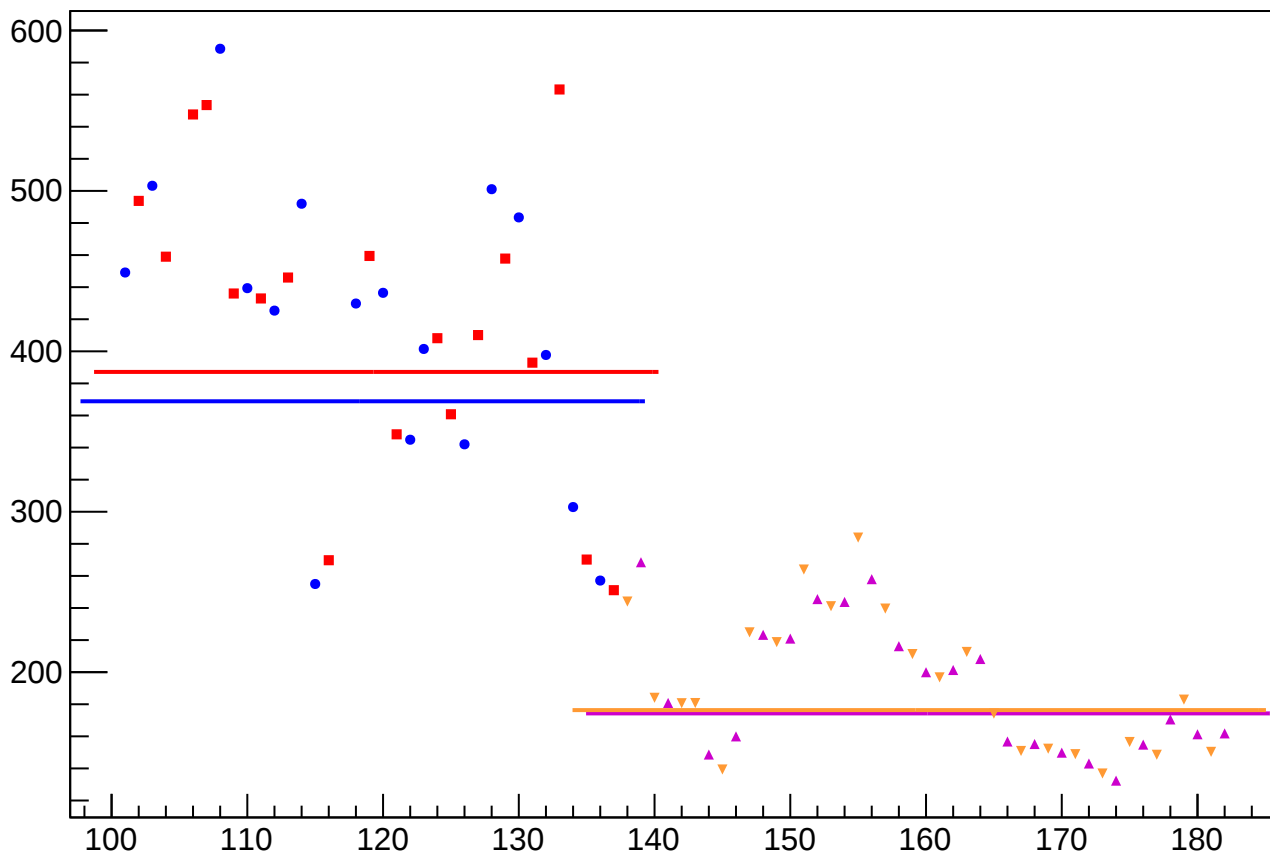
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -1.809+/-41.132 χ^2/NDF : 47.9/38

Out: -181.677+/-41.445 χ^2/NDF : 77.9/40

All: -91.061+/-29.195 χ^2/NDF : 135.3/79

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 176.350 $\pm$ 0.030 χ^2/NDF : 1479071.7/22

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 174.301 $\pm$ 0.030 χ^2/NDF : 1364172.0/21

Left: 175.319 $\pm$ 0.021 χ^2/NDF : 2845519.4/44

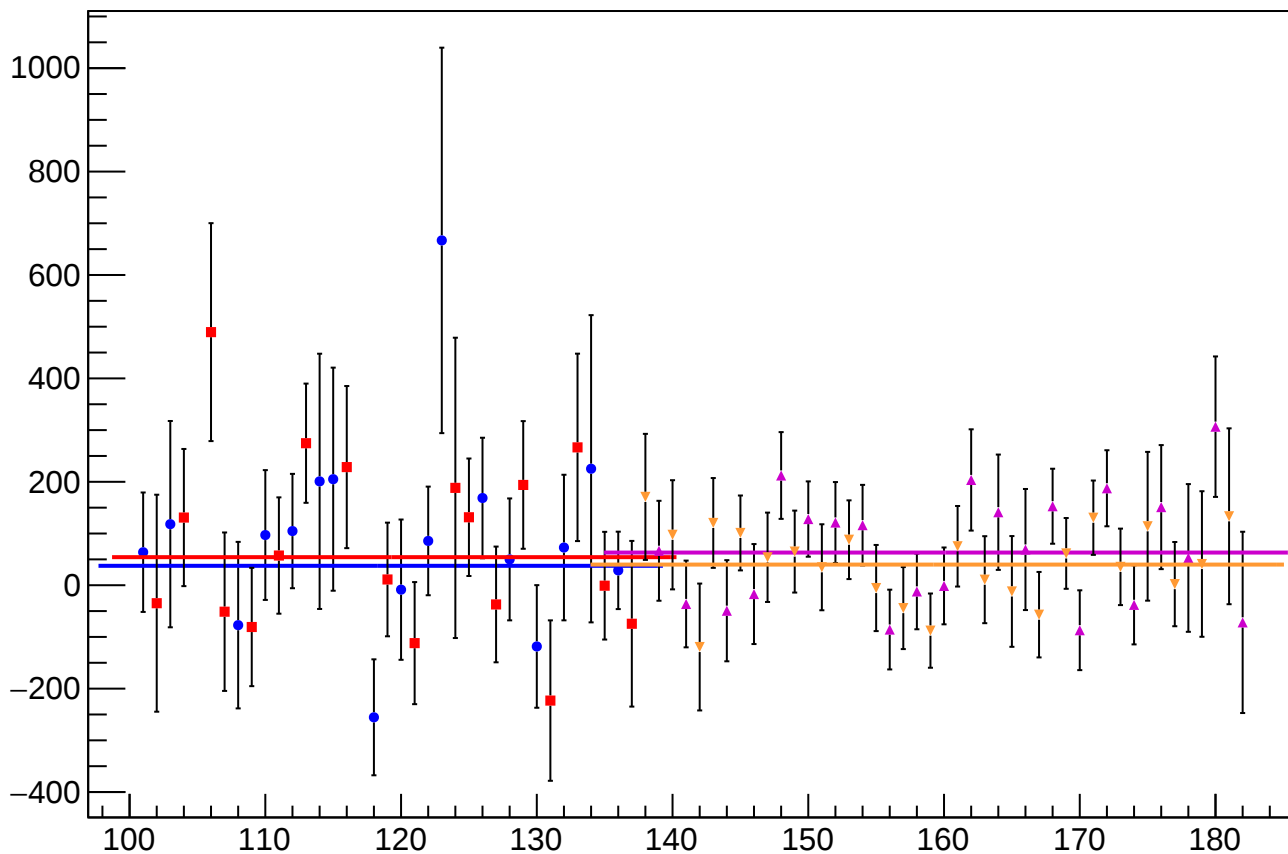
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 189.344 $\pm$ 0.029 χ^2/NDF : 5386400.9/38

Out: 192.341 $\pm$ 0.029 χ^2/NDF : 5864443.7/40

All: 190.831 $\pm$ 0.021 χ^2/NDF : 11256110.9/79

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.917 $\pm$ 18.054 χ^2 /NDF:14.2/22

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 63.166 $\pm$ 18.792 χ^2 /NDF:30.7/21

Left: 51.077 $\pm$ 13.019 χ^2 /NDF: 45.8/44

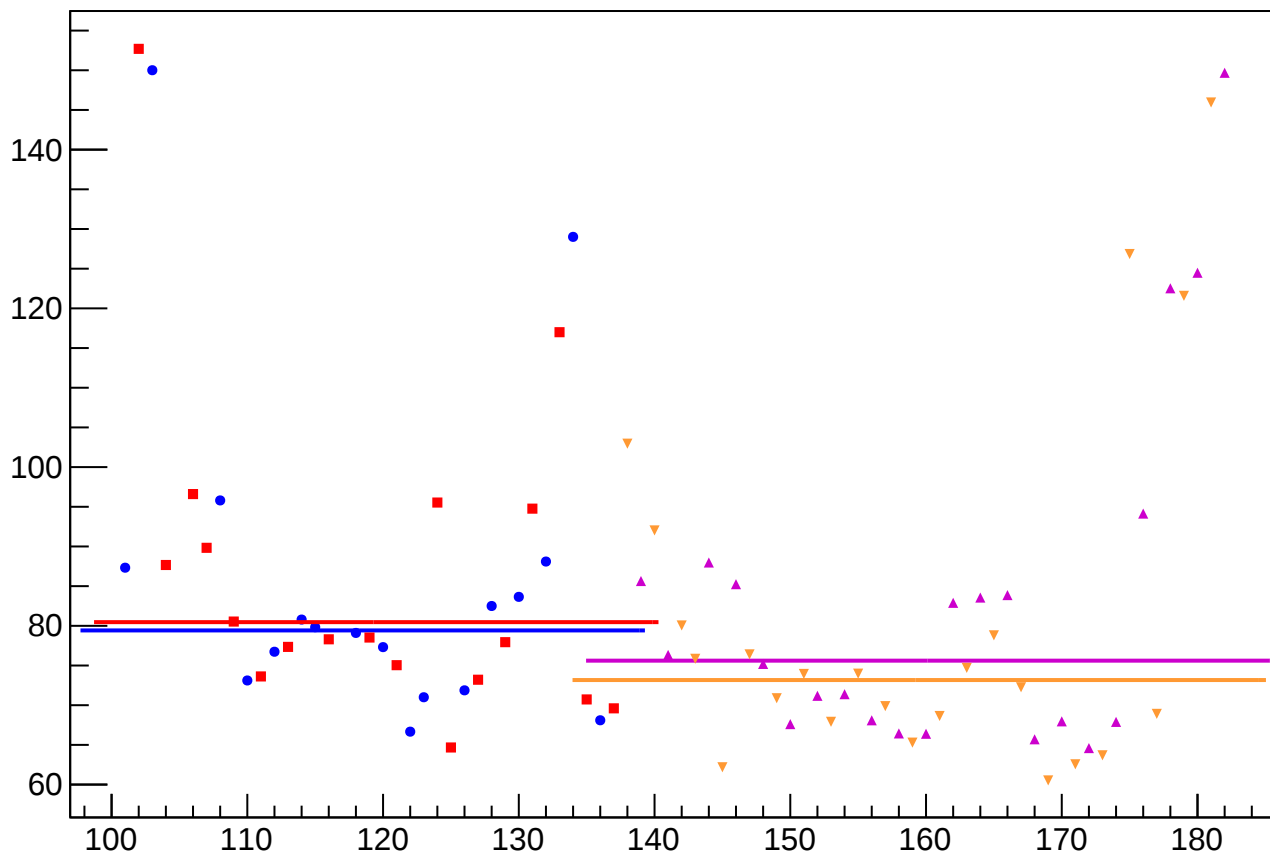
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 56.426 $\pm$ 16.133 χ^2 /NDF:47.1/38

Out: 43.469 $\pm$ 15.663 χ^2 /NDF:36.2/40

All: 49.756 $\pm$ 11.238 χ^2 /NDF: 83.6/79

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.169 $\pm$ 0.013 χ^2 /NDF:1324042.3/22

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 75.612 $\pm$ 0.013 χ^2 /NDF:1223903.9/21

Left: 74.342 $\pm$ 0.009 χ^2 /NDF: 2565519.8/44

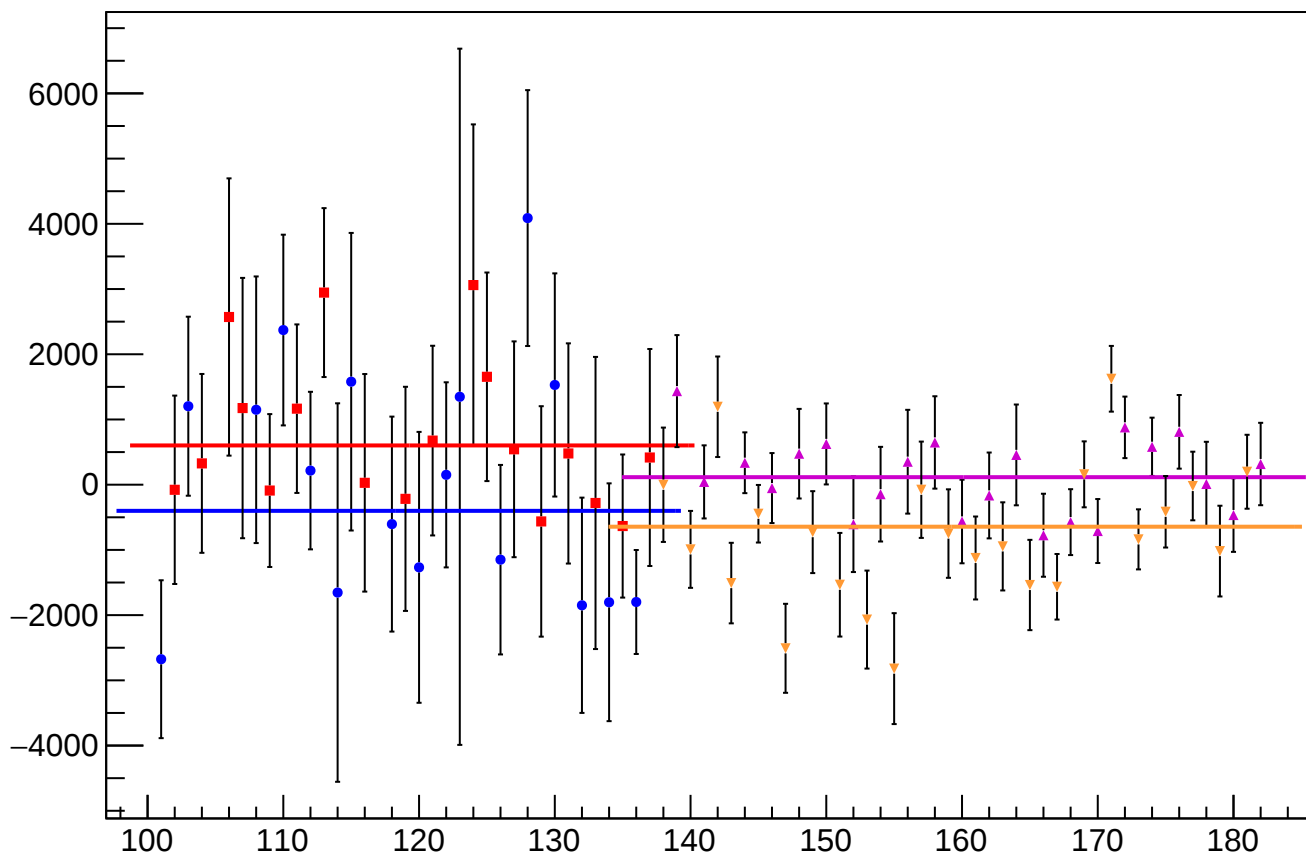
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.614 $\pm$ 0.011 χ^2 /NDF:1684560.6/38

Out: 74.975 $\pm$ 0.011 χ^2 /NDF:1859221.8/40

All: 75.770 $\pm$ 0.008 χ^2 /NDF: 3554414.3/79

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -644.100+/-126.563 χ^2/NDF : 61.1/22

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 115.332+/-126.699 χ^2/NDF : 20.0/21

Left: -264.791+/-89.542 χ^2/NDF : 99.0/44

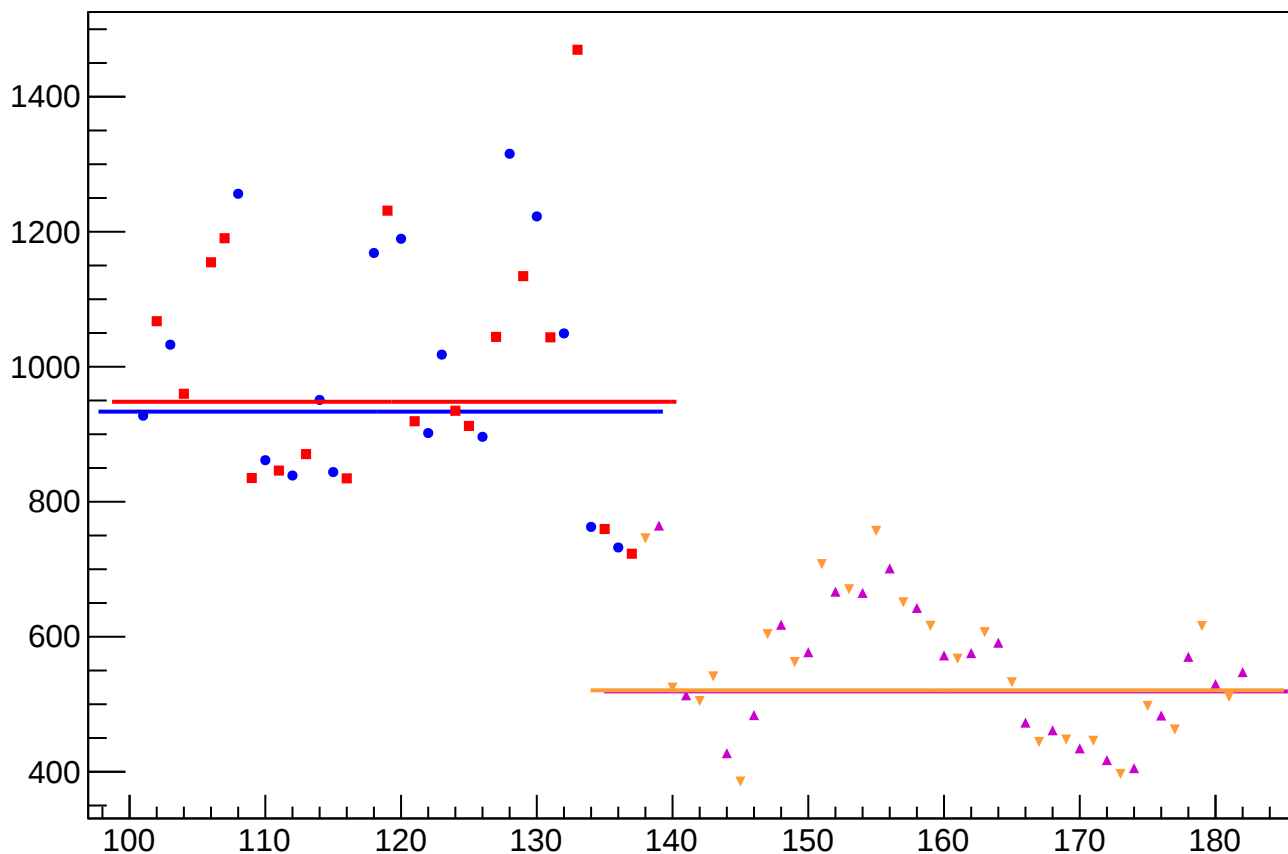
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 60.736+/-119.814 χ^2/NDF : 43.6/38

Out: -509.492+/-119.531 χ^2/NDF : 80.2/40

All: -225.051+/-84.621 χ^2/NDF : 135.2/79

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 520.658+/-0.089 χ^2/NDF : 1194310.9/22

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 519.026+/-0.090 χ^2/NDF : 1026151.7/21

Left: 519.843+/-0.063 χ^2/NDF : 2220628.7/44

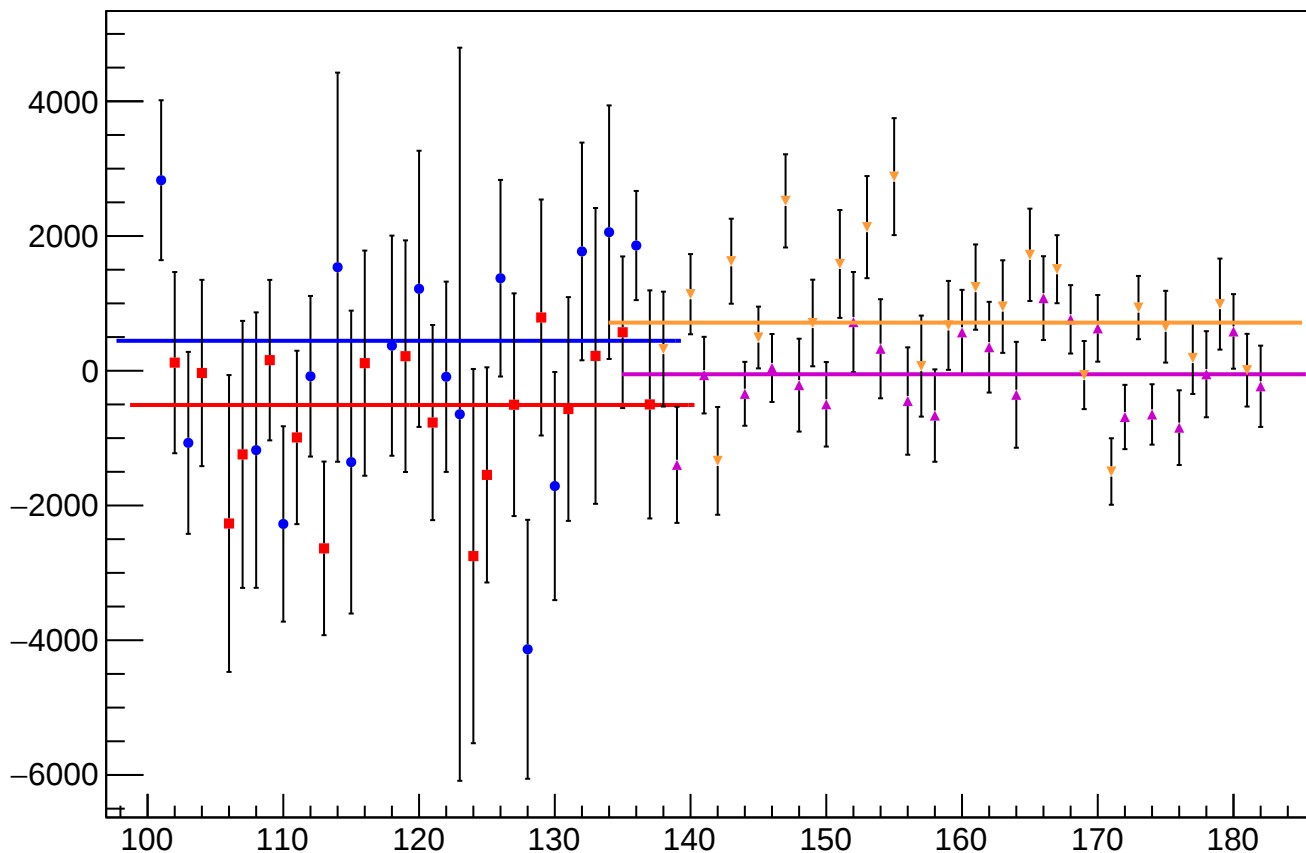
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 562.851+/-0.085 χ^2/NDF : 3731712.5/38

Out: 566.839+/-0.085 χ^2/NDF : 4064295.5/40

All: 564.850+/-0.060 χ^2/NDF : 7797118.9/79

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 714.366+/-126.877 χ^2/NDF : 59.0/22

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -51.907+/-126.197 χ^2/NDF : 22.0/21

Left: 329.169+/-89.474 χ^2/NDF : 99.4/44

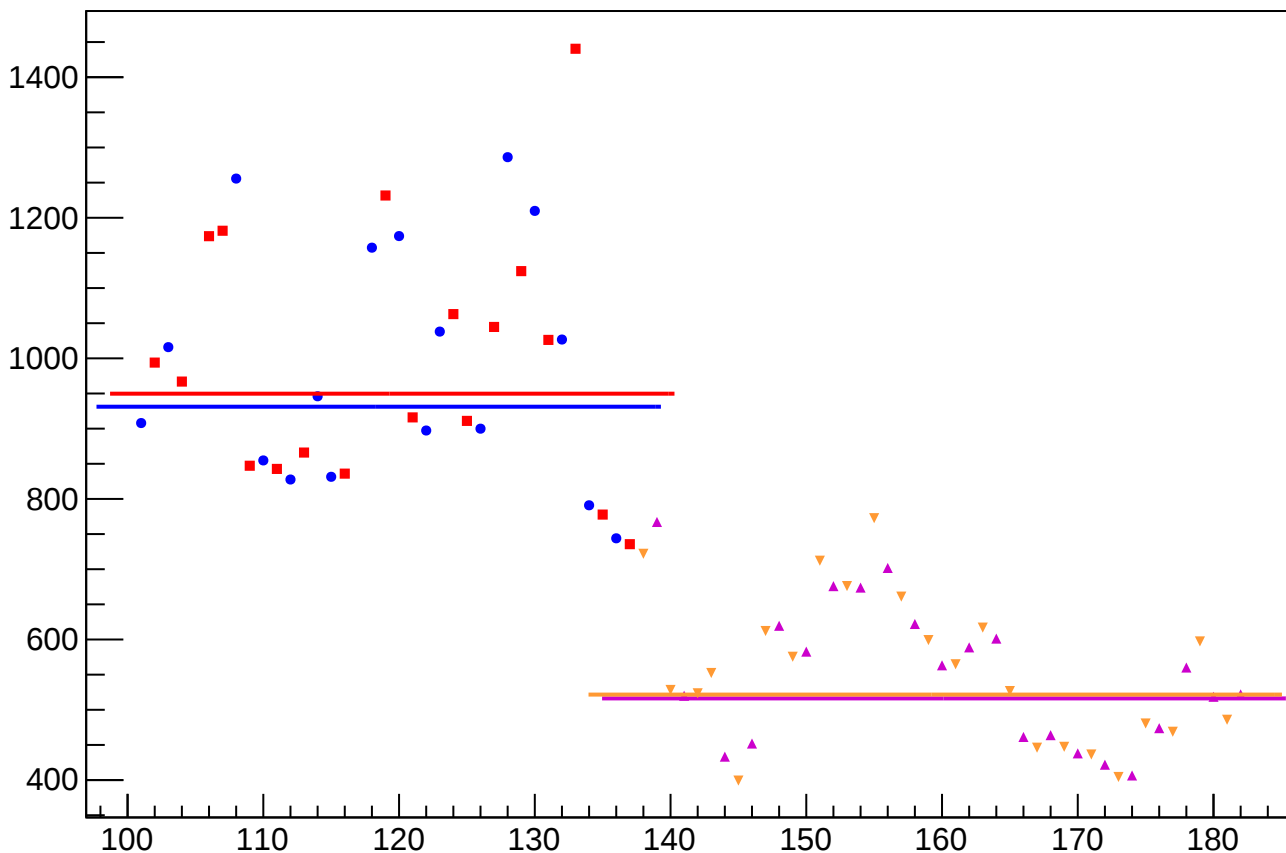
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 0.574+/-119.342 χ^2/NDF : 46.6/38

Out: 581.991+/-119.812 χ^2/NDF : 76.4/40

All: 290.141+/-84.553 χ^2/NDF : 134.8/79

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 521.634 $\pm$ 0.090 χ^2 /NDF: 1151373.1/22

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 516.181 $\pm$ 0.089 χ^2 /NDF: 1034682.1/21

Left: 518.893 $\pm$ 0.063 χ^2 /NDF: 2187911.8/44

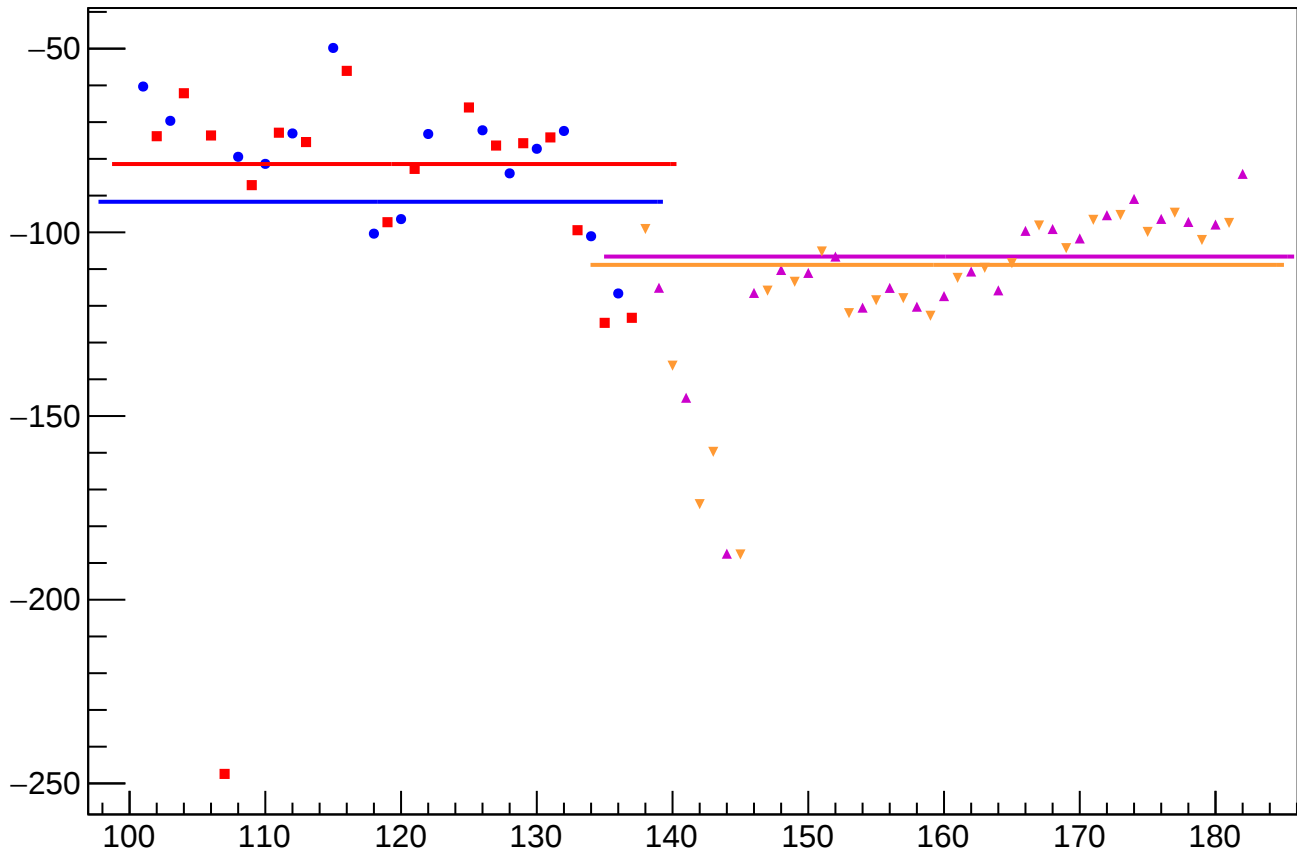
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 560.044 $\pm$ 0.084 χ^2 /NDF: 3721020.6/38

Out: 567.987 $\pm$ 0.085 χ^2 /NDF: 3982368.7/40

All: 564.000 $\pm$ 0.060 χ^2 /NDF: 7707802.0/79

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -108.855 ± 0.052 χ^2/NDF : 64864.2/22

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -106.594 ± 0.047 χ^2/NDF : 115215.7/21

Left: -107.604 ± 0.035 χ^2/NDF : 181133.3/44

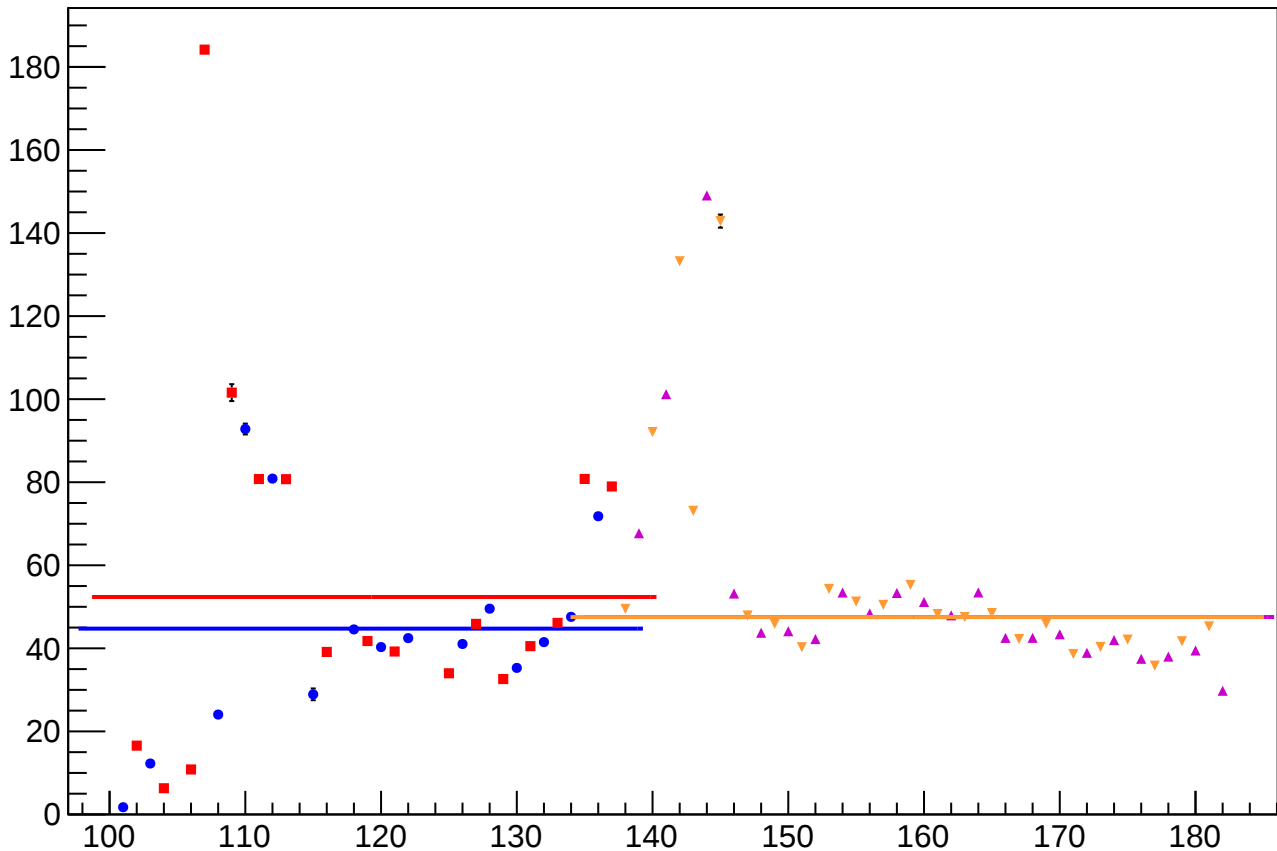
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.029 ± 0.039 χ^2/NDF : 211220.6/36

Out: -102.902 ± 0.046 χ^2/NDF : 167428.5/39

All: -102.393 ± 0.030 χ^2/NDF : 378860.4/76

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 47.526+/-0.044 χ^2/NDF : 60683.3/22

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 47.542+/-0.041 χ^2/NDF : 149158.6/21

Left: 47.534+/-0.030 χ^2/NDF : 209842.0/44

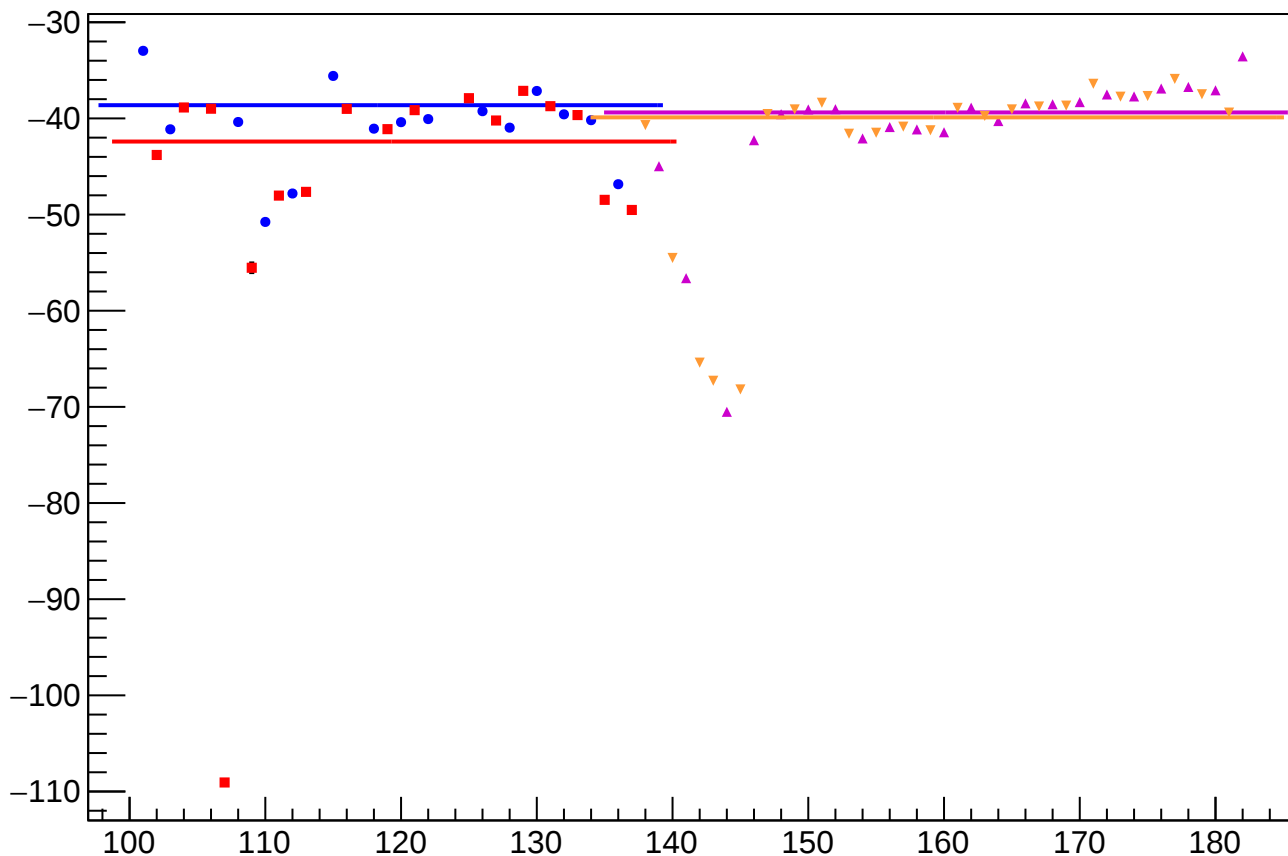
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 46.670+/-0.034 χ^2/NDF : 235323.8/36

Out: 48.157+/-0.041 χ^2/NDF : 131576.8/39

All: 47.278+/-0.026 χ^2/NDF : 367691.8/76

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -39.893 ± 0.007 χ^2/NDF : 249294.4/22

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -39.379 ± 0.007 χ^2/NDF : 221956.9/21

Left: -39.652 ± 0.005 χ^2/NDF : 474123.1/44

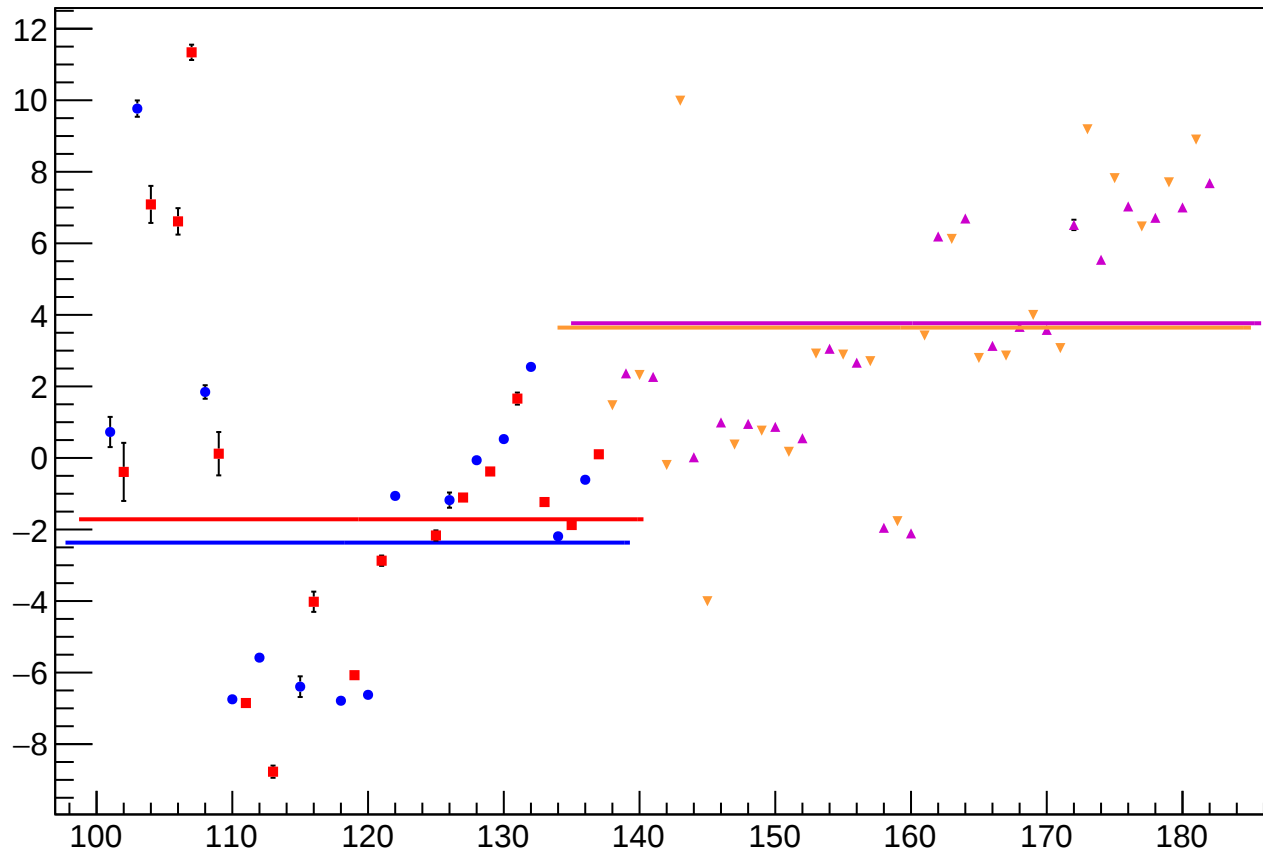
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.065 ± 0.005 χ^2/NDF : 466918.7/36

Out: -40.111 ± 0.006 χ^2/NDF : 531161.2/39

All: -39.505 ± 0.004 χ^2/NDF : 1014215.3/76

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.644 ± 0.007 χ^2/NDF : 193583.1/22

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.766 ± 0.006 χ^2/NDF : 226033.0/21

Left: 3.716 ± 0.005 χ^2/NDF : 419788.8/44

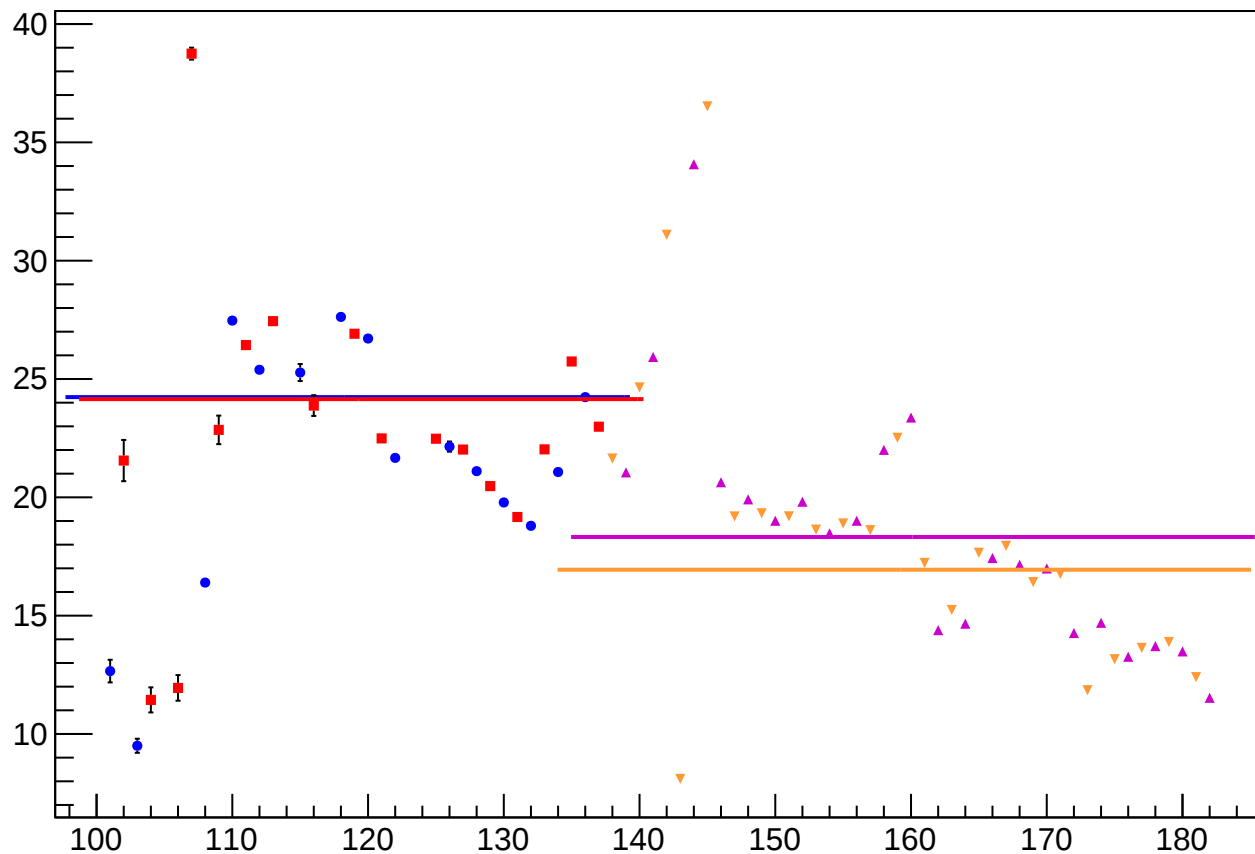
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.851 ± 0.005 χ^2/NDF : 416364.8/36

Out: 3.295 ± 0.007 χ^2/NDF : 243154.0/39

All: 3.021 ± 0.004 χ^2/NDF : 662079.9/76

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 16.941+/-0.007 χ^2/NDF : 177319.5/22

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 18.324+/-0.007 χ^2/NDF : 231370.7/21

Left: 17.637+/-0.005 χ^2/NDF : 427235.4/44

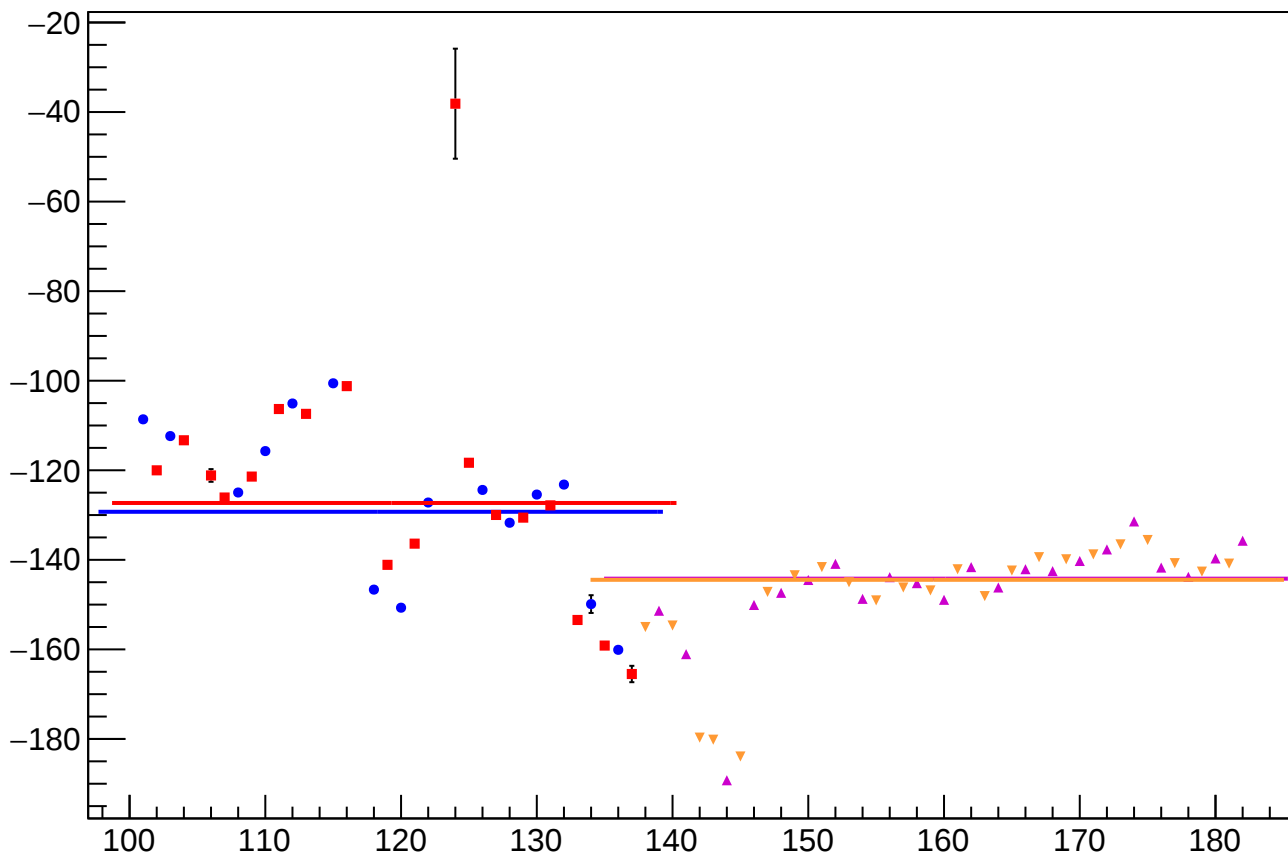
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 18.890+/-0.007 χ^2/NDF : 318415.7/36

Out: 17.520+/-0.007 χ^2/NDF : 271009.6/39

All: 18.214+/-0.005 χ^2/NDF : 609360.5/76

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -144.462 $\pm$ 0.042 χ^2 /NDF: 42279.4/22

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -144.204 $\pm$ 0.045 χ^2 /NDF: 34648.4/21

Left: -144.341 $\pm$ 0.031 χ^2 /NDF: 76945.1/44

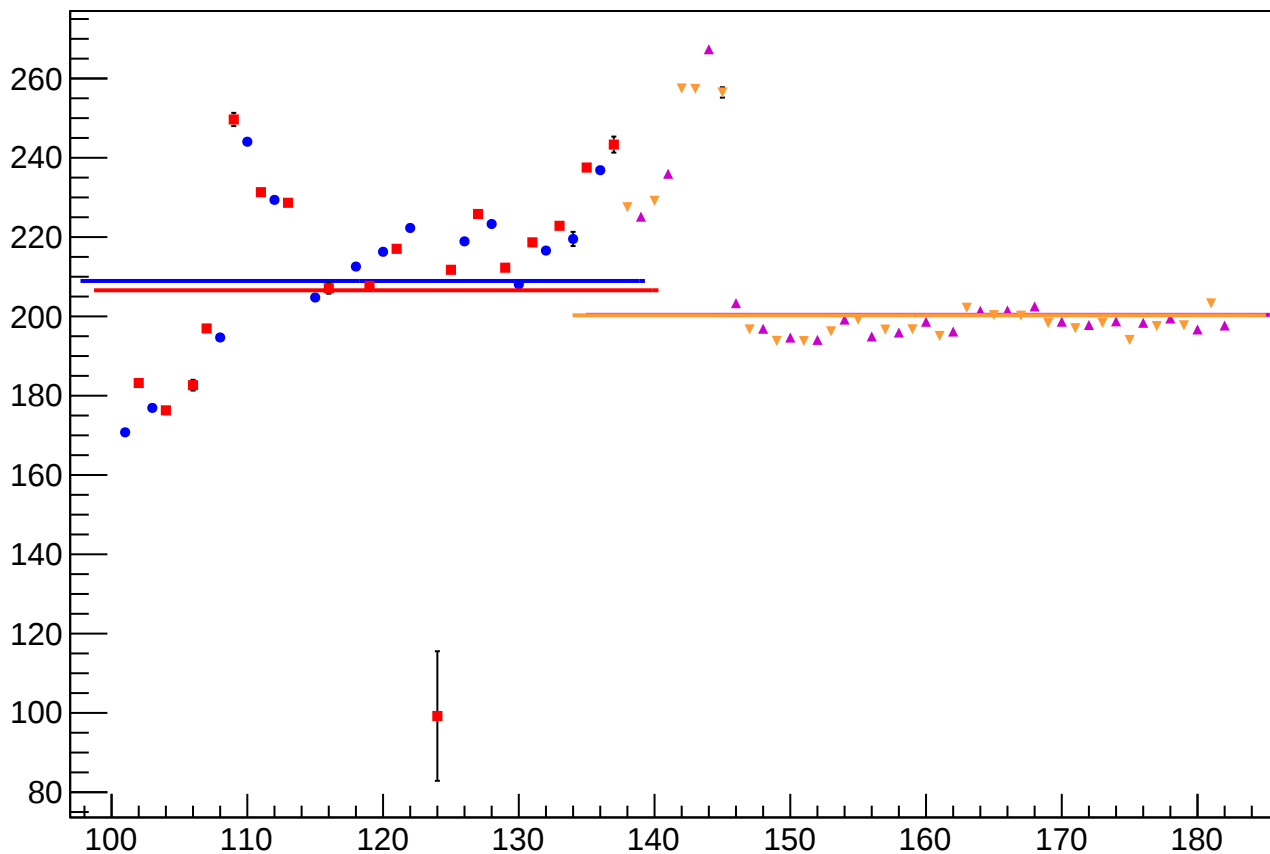
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.082 $\pm$ 0.040 χ^2 /NDF: 92648.1/36

Out: -140.988 $\pm$ 0.038 χ^2 /NDF: 104906.1/40

All: -141.032 $\pm$ 0.028 χ^2 /NDF: 197557.1/77

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.273 $\pm$ 0.035 χ^2 /NDF:109203.1/22

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.391 $\pm$ 0.039 χ^2 /NDF:77911.2/21

Left: 200.326 $\pm$ 0.026 χ^2 /NDF: 187119.4/44

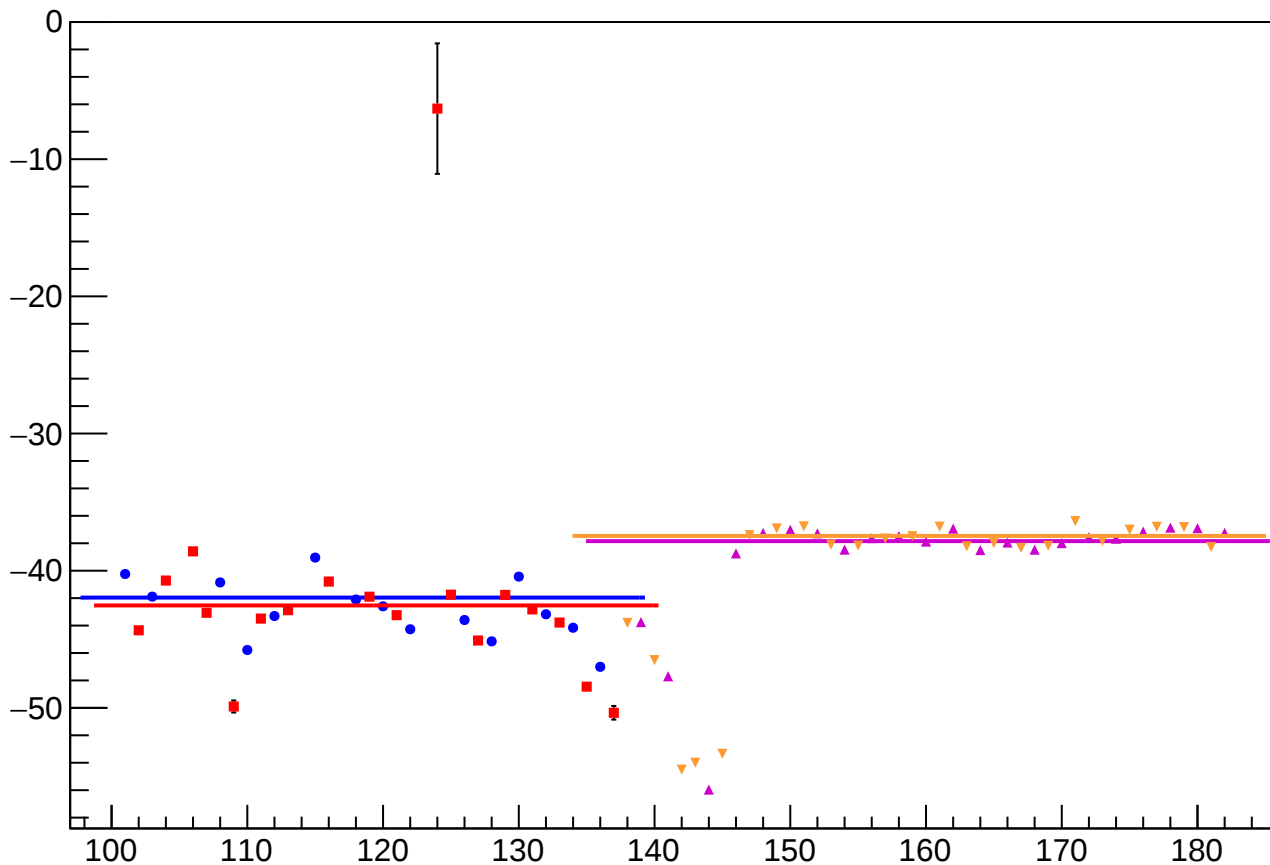
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.774 $\pm$ 0.036 χ^2 /NDF:130281.9/36

Out: 201.224 $\pm$ 0.032 χ^2 /NDF:162297.4/40

All: 201.470 $\pm$ 0.024 χ^2 /NDF: 292709.3/77

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.463 ± 0.004 $\chi^2/\text{NDF}: 231497.7/22$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -37.843 ± 0.004 $\chi^2/\text{NDF}: 142763.4/21$

Left: -37.630 ± 0.003 $\chi^2/\text{NDF}: 378709.8/44$

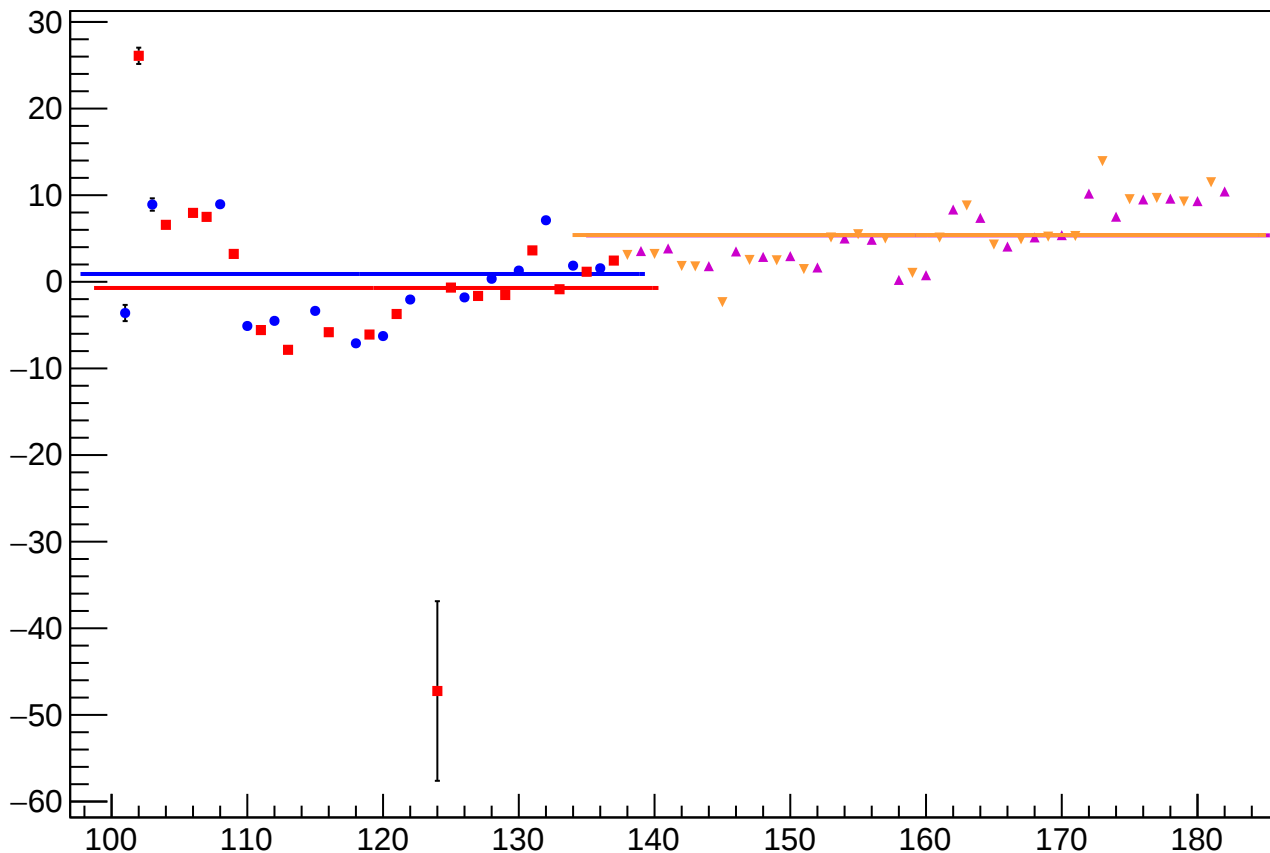
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.129 ± 0.004 $\chi^2/\text{NDF}: 231739.7/36$

Out: -37.627 ± 0.004 $\chi^2/\text{NDF}: 295916.1/40$

All: -37.852 ± 0.003 $\chi^2/\text{NDF}: 535870.4/77$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 5.400 ± 0.006 χ^2/NDF : 281655.8/22

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 5.362 ± 0.007 χ^2/NDF : 204323.5/21

Left: 5.384 ± 0.004 χ^2/NDF : 485997.9/44

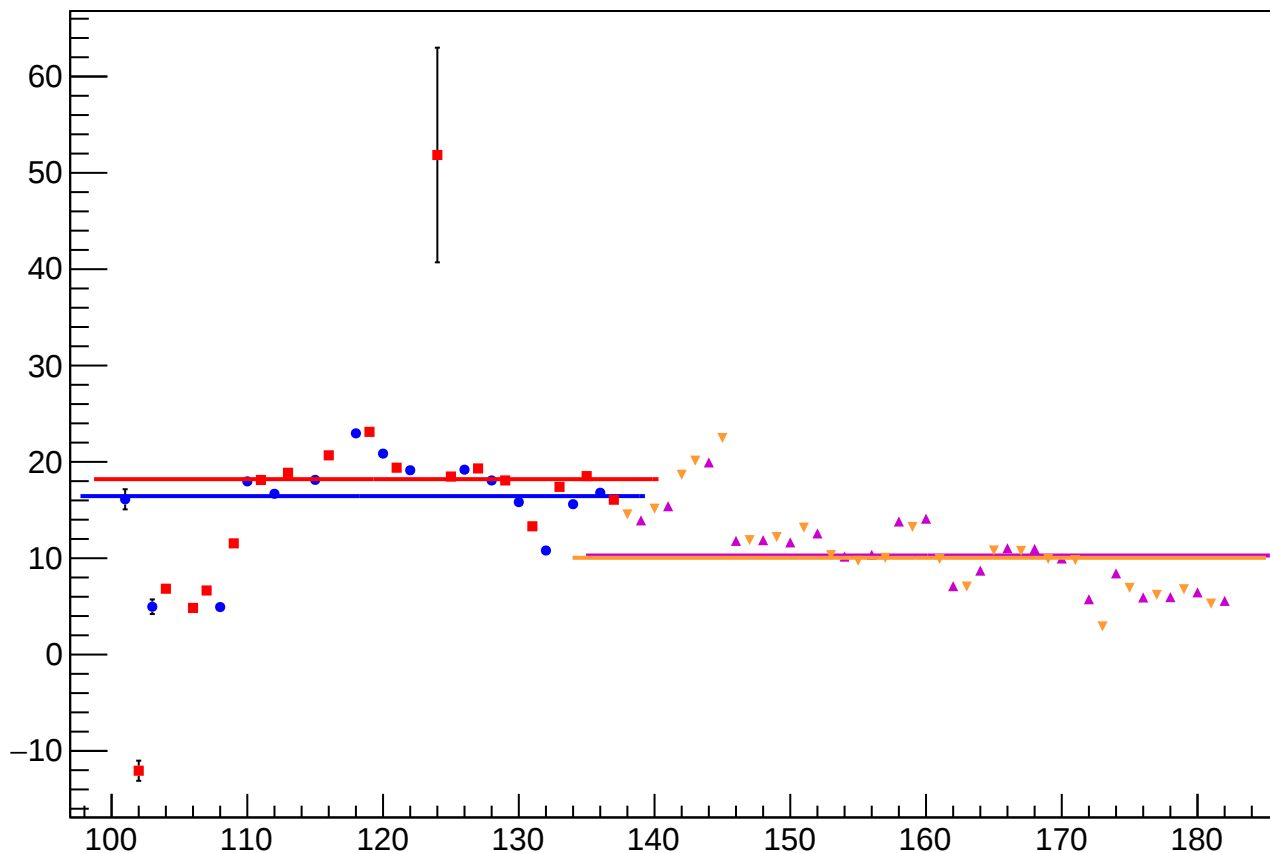
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.924 ± 0.006 χ^2/NDF : 270089.3/36

Out: 5.074 ± 0.006 χ^2/NDF : 372244.3/40

All: 5.007 ± 0.004 χ^2/NDF : 642651.7/77

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 10.045 ± 0.007 $\chi^2/\text{NDF}: 203234.6/22$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 10.281 ± 0.008 $\chi^2/\text{NDF}: 136056.9/21$

Left: 10.150 ± 0.005 $\chi^2/\text{NDF}: 339759.4/44$

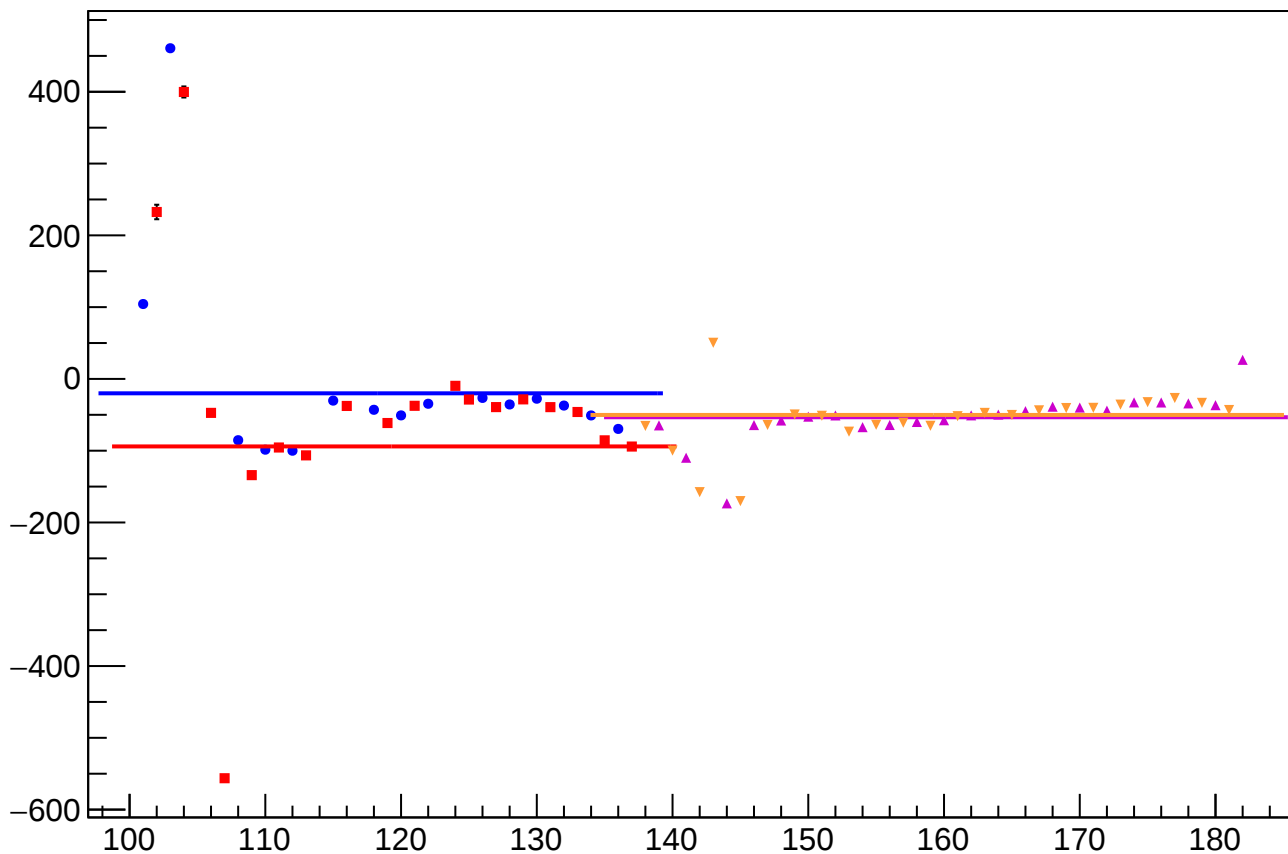
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 10.896 ± 0.008 $\chi^2/\text{NDF}: 207701.2/36$

Out: 10.957 ± 0.007 $\chi^2/\text{NDF}: 372463.1/40$

All: 10.930 ± 0.005 $\chi^2/\text{NDF}: 580199.9/77$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.197 ± 0.090 $\chi^2/\text{NDF}: 59932.4/22$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -53.399 ± 0.103 $\chi^2/\text{NDF}: 65526.4/21$

Left: -51.580 ± 0.068 $\chi^2/\text{NDF}: 126003.1/44$

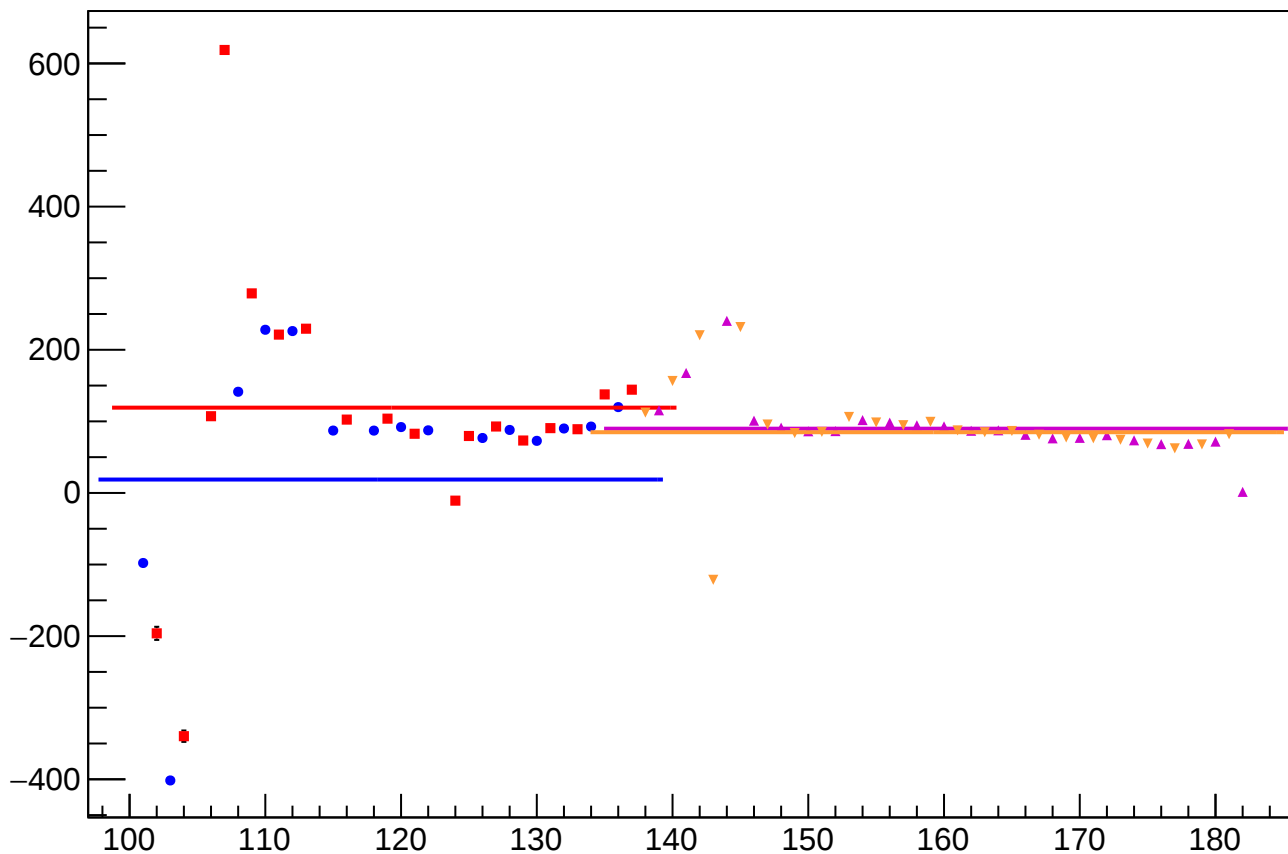
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.949 ± 0.086 $\chi^2/\text{NDF}: 539527.9/36$

Out: -93.233 ± 0.012 $\chi^2/\text{NDF}: 379323.9/40$

All: -92.216 ± 0.012 $\chi^2/\text{NDF}: 1255832.8/77$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 84.837 $\pm$ 0.080 χ^2/NDF : 179065.3/22

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 89.782 $\pm$ 0.090 χ^2/NDF : 88983.3/21

Left: 87.003 $\pm$ 0.060 χ^2/NDF : 269738.7/44

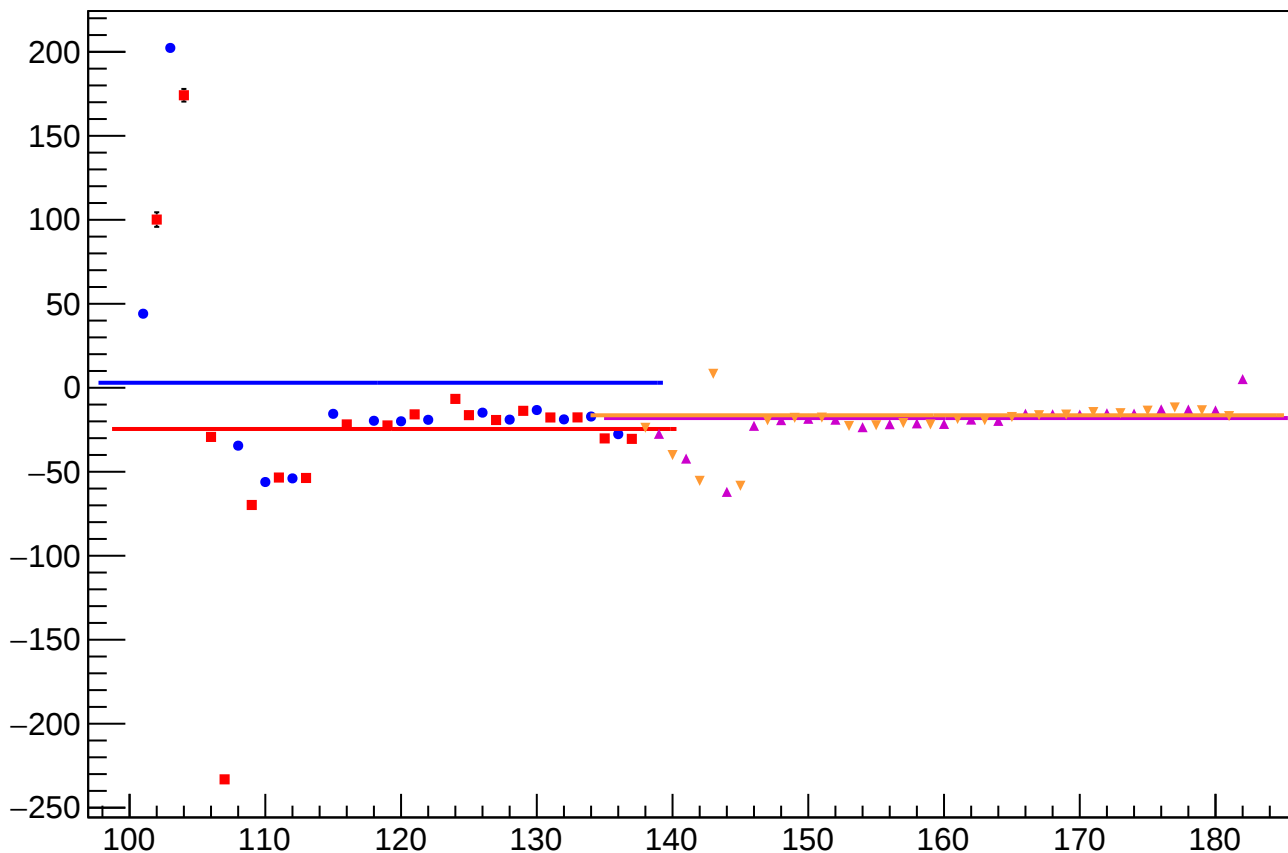
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 71.300 $\pm$ 0.078 χ^2/NDF : 1352286.5/36

Out: 89.562 $\pm$ 0.074 χ^2/NDF : 292115.4/40

All: 80.870 $\pm$ 0.054 χ^2/NDF : 1673452.4/77

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.375 ± 0.011 $\chi^2/\text{NDF}: 580654.7/22$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.032 ± 0.012 $\chi^2/\text{NDF}: 224020.6/21$

Left: -17.105 ± 0.008 $\chi^2/\text{NDF}: 814976.8/44$

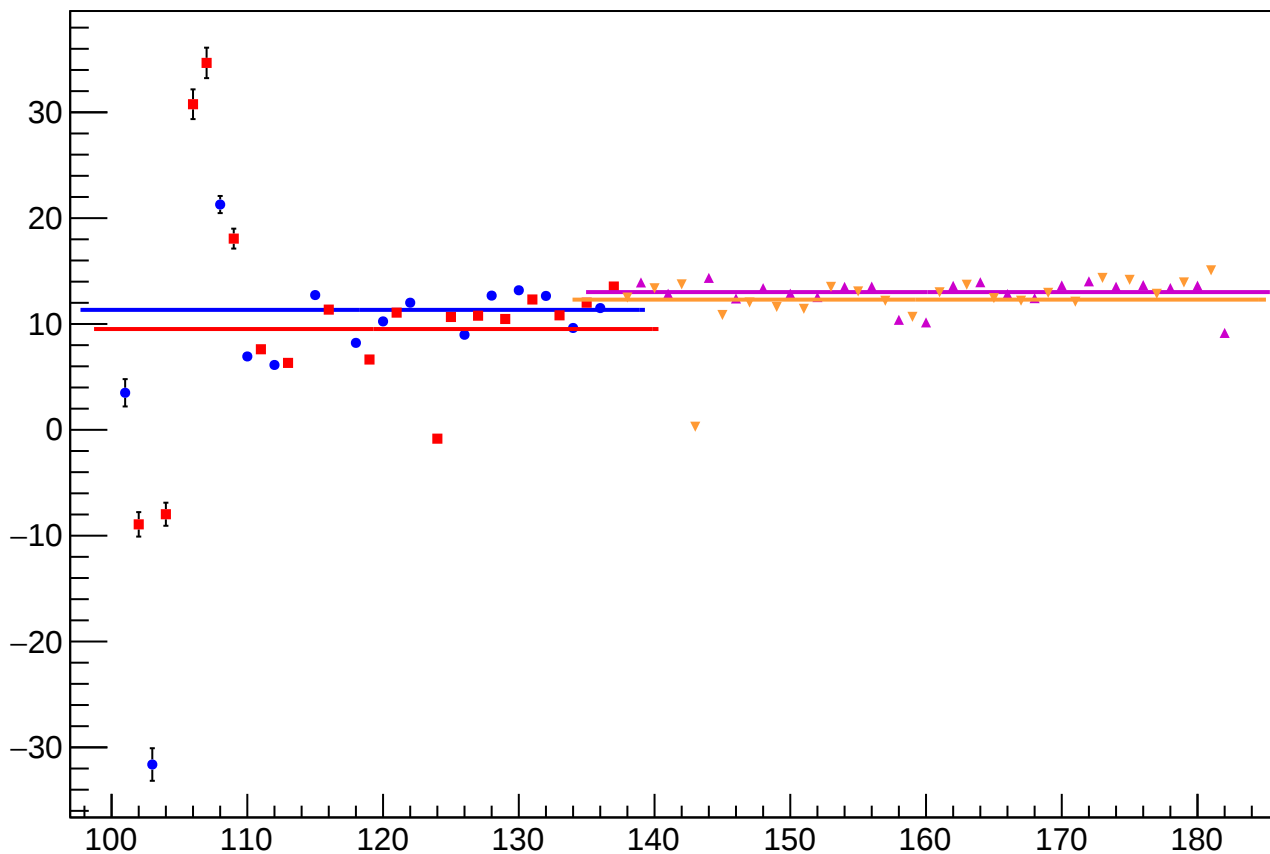
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.435 ± 0.011 $\chi^2/\text{NDF}: 4227586.4/36$

Out: -16.849 ± 0.011 $\chi^2/\text{NDF}: 790077.3/40$

All: -15.710 ± 0.008 $\chi^2/\text{NDF}: 5042533.1/77$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.302 $\pm$ 0.014 χ^2 /NDF:34867.4/22

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.014 $\pm$ 0.011 χ^2 /NDF:7990.5/21

Left: 12.733 $\pm$ 0.009 χ^2 /NDF: 44423.3/44

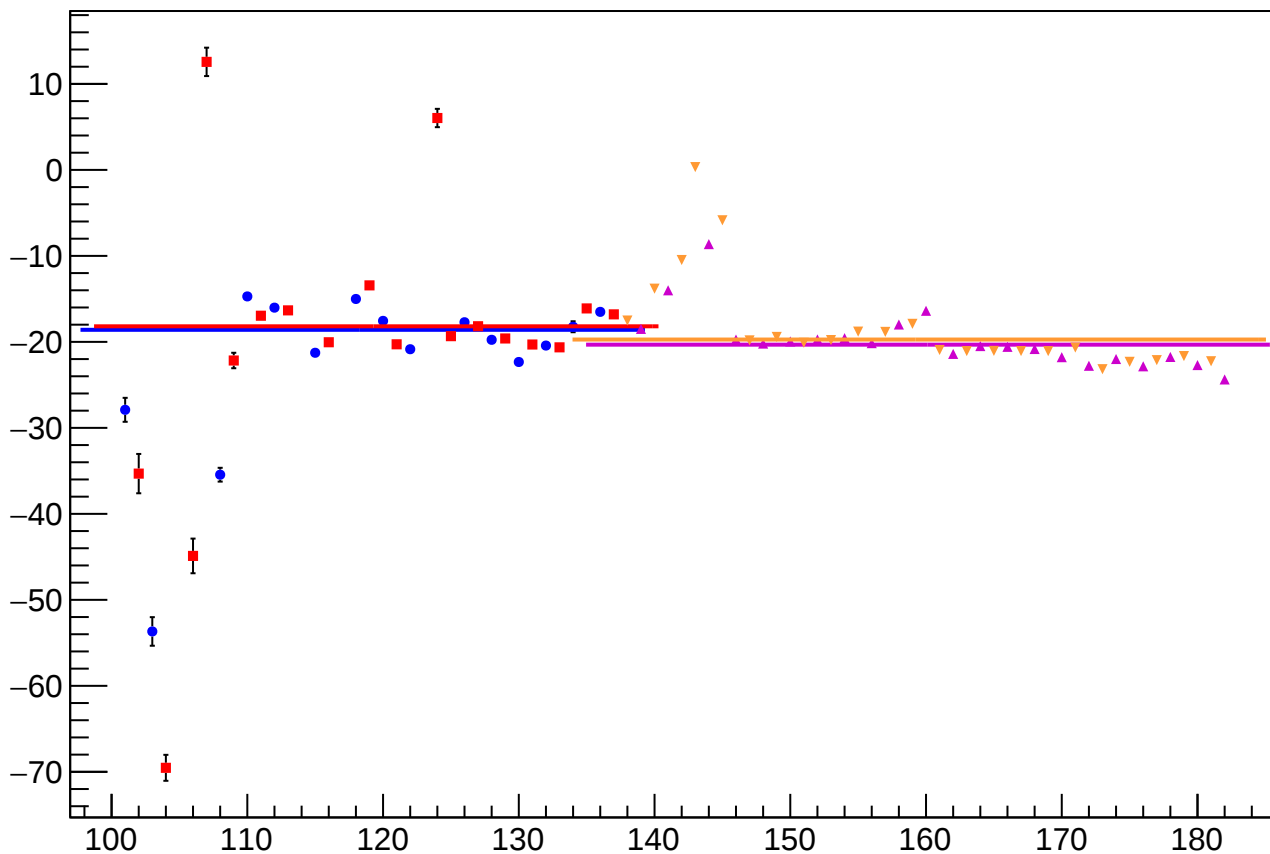
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.873 $\pm$ 0.011 χ^2 /NDF:12248.1/36

Out: 12.085 $\pm$ 0.013 χ^2 /NDF:42021.0/40

All: 12.563 $\pm$ 0.008 χ^2 /NDF: 56358.2/77

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -19.727 ± 0.015 $\chi^2/\text{NDF}: 65472.6/22$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.324 ± 0.015 $\chi^2/\text{NDF}: 19325.6/21$

Left: -20.025 ± 0.011 $\chi^2/\text{NDF}: 85567.7/44$

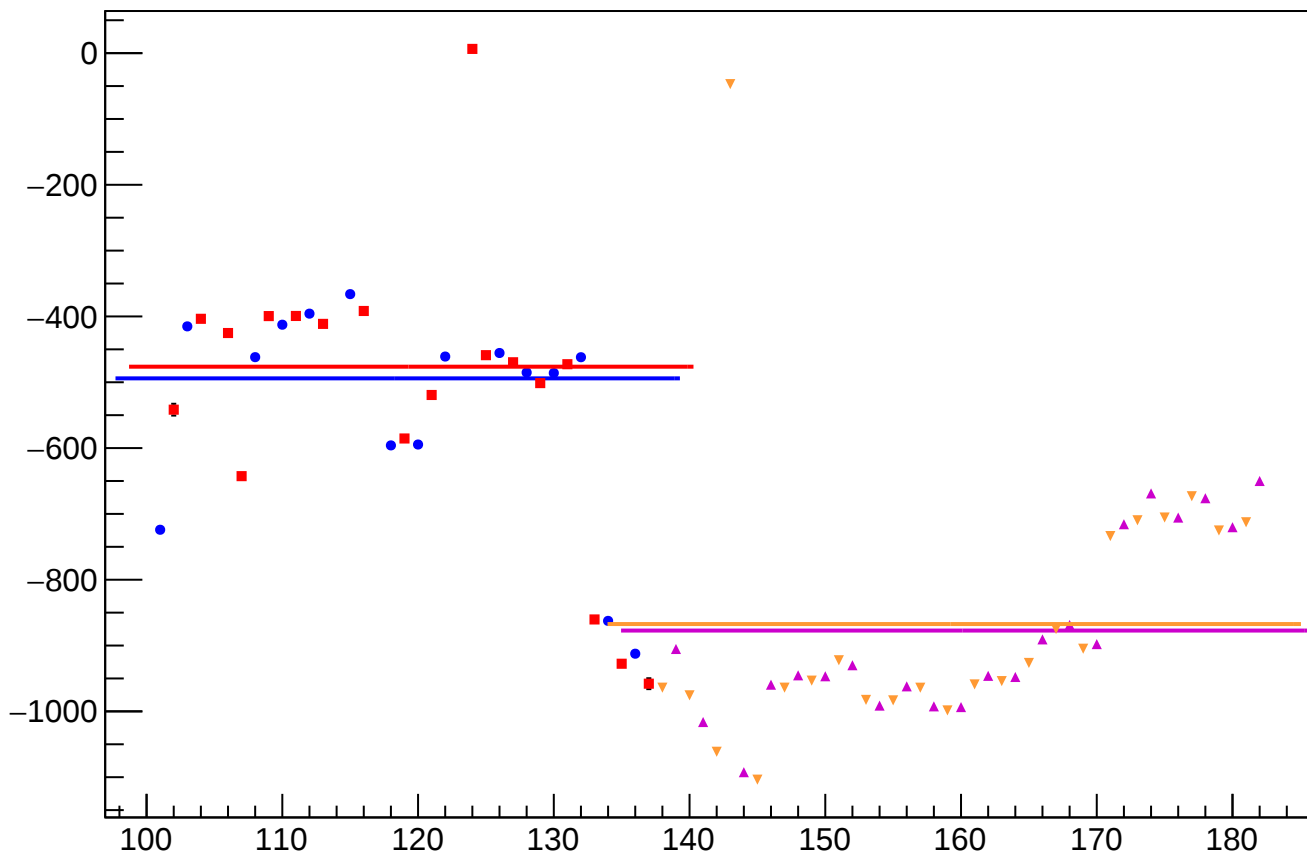
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -20.076 ± 0.014 $\chi^2/\text{NDF}: 27364.0/36$

Out: -19.595 ± 0.015 $\chi^2/\text{NDF}: 71237.7/40$

All: -19.843 ± 0.010 $\chi^2/\text{NDF}: 99168.0/77$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -867.340 ± 0.149 $\chi^2/\text{NDF}: 871831.4/22$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -877.228 ± 0.148 $\chi^2/\text{NDF}: 727582.6/21$

Left: -872.310 ± 0.105 $\chi^2/\text{NDF}: 1601623.0/44$

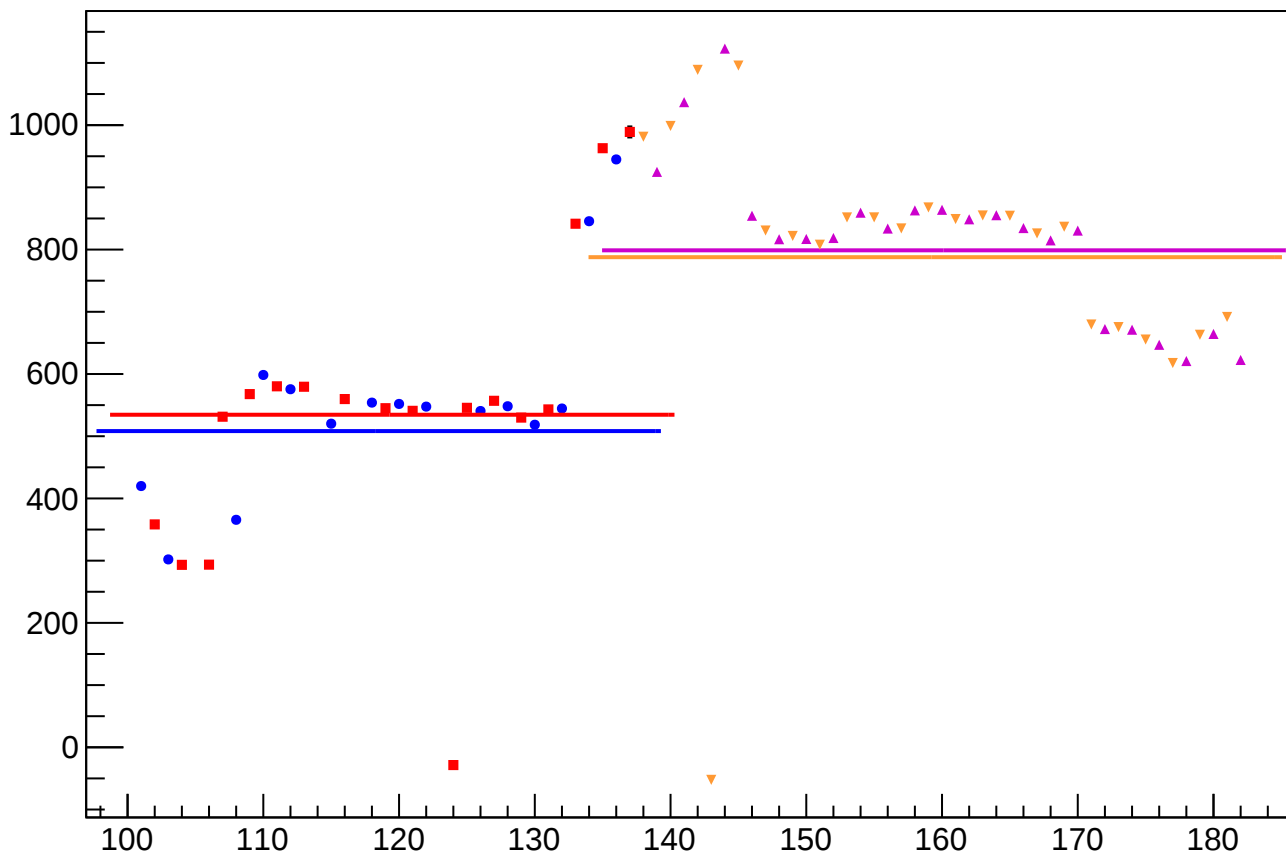
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -766.090 ± 0.125 $\chi^2/\text{NDF}: 2988241.8/36$

Out: -713.462 ± 0.116 $\chi^2/\text{NDF}: 4171027.9/40$

All: -737.844 ± 0.085 $\chi^2/\text{NDF}: 7254405.3/77$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 793.238 +/- 0.087 χ^2/NDF : 1440075.6/44

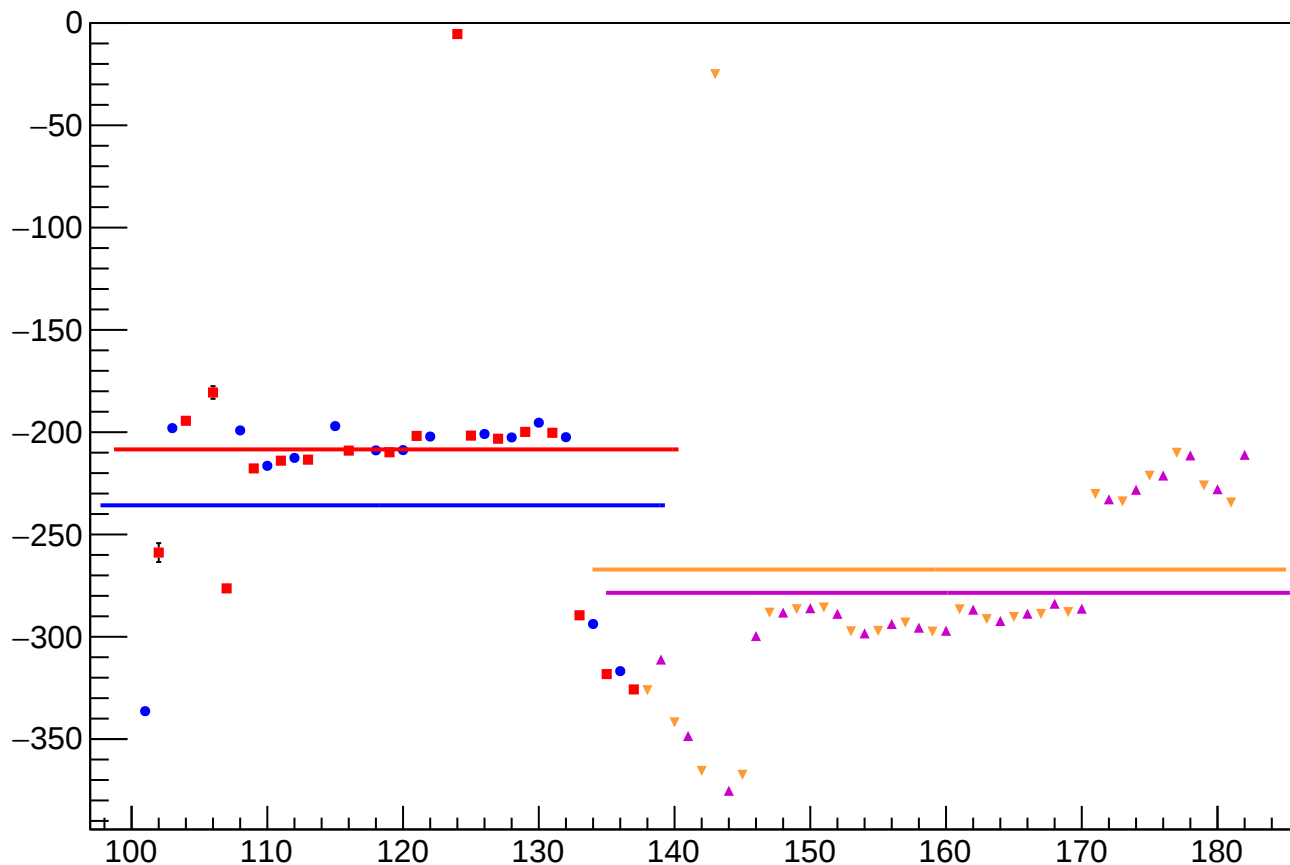
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 729.312 +/- 0.108 χ^2/NDF : 2354037.8/36

Out: 726.181 +/- 0.107 χ^2/NDF : 2225796.3/40

All: 727.728 +/- 0.076 χ^2/NDF : 4580256.5/77

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -267.124 ± 0.022 $\chi^2/\text{NDF}: 7164577.2/22$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -278.511 ± 0.022 $\chi^2/\text{NDF}: 2178245.5/21$

Left: -272.782 ± 0.016 $\chi^2/\text{NDF}: 9473093.8/44$

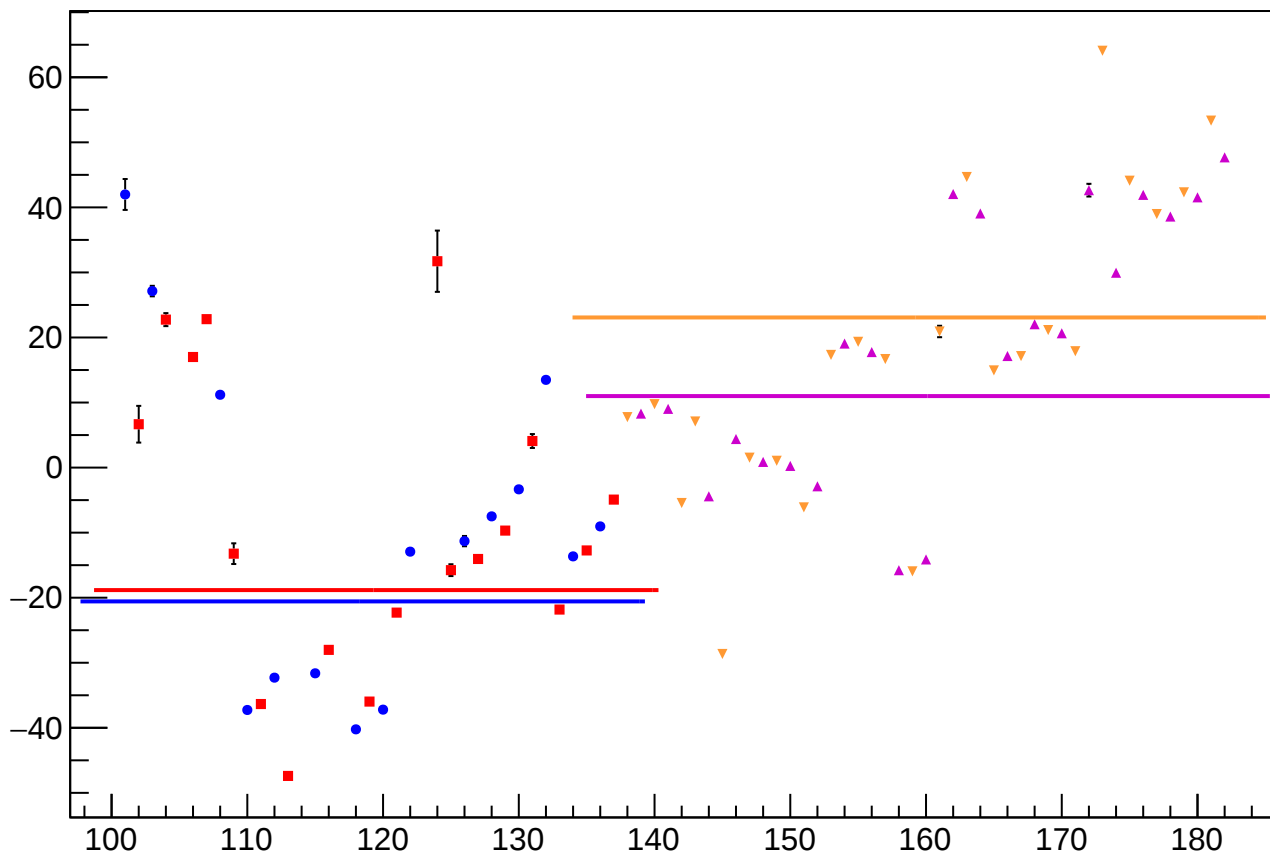
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -272.480 ± 0.021 $\chi^2/\text{NDF}: 3569515.3/36$

Out: -256.287 ± 0.020 $\chi^2/\text{NDF}: 8825930.7/40$

All: -264.123 ± 0.014 $\chi^2/\text{NDF}: 12710056.2/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 23.078 ± 0.020 χ^2/NDF : 1015082.5/22

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 10.994 ± 0.018 χ^2/NDF : 1241271.9/21

Left: 16.562 ± 0.013 χ^2/NDF : 2457017.7/44

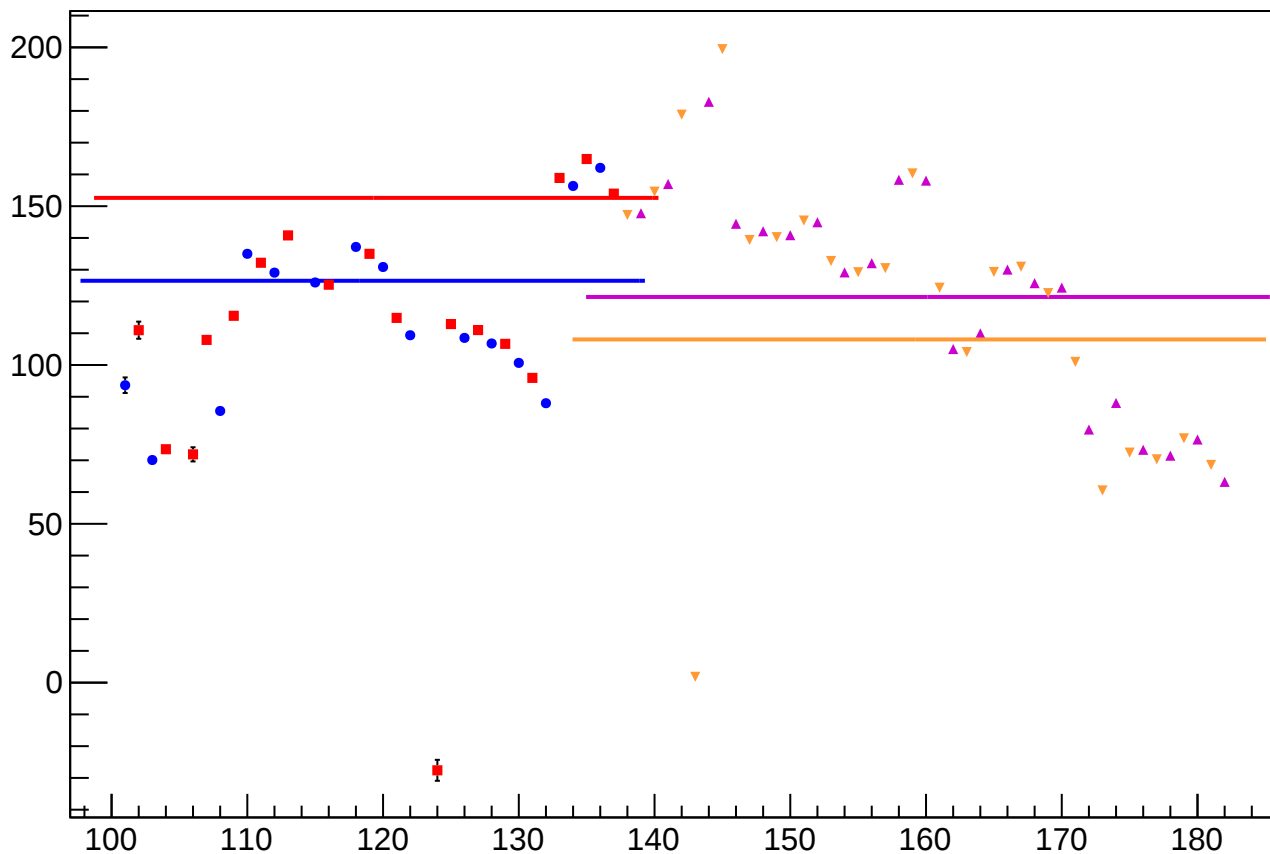
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 9.042 ± 0.018 χ^2/NDF : 1488324.8/36

Out: 21.714 ± 0.019 χ^2/NDF : 1181601.4/40

All: 14.785 ± 0.013 χ^2/NDF : 2901209.7/77

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 108.049 $\pm$ 0.024 χ^2 /NDF:1807267.5/22

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 121.421 $\pm$ 0.024 χ^2 /NDF:1539711.8/21

Left: 114.738 $\pm$ 0.017 χ^2 /NDF: 3497574.1/44

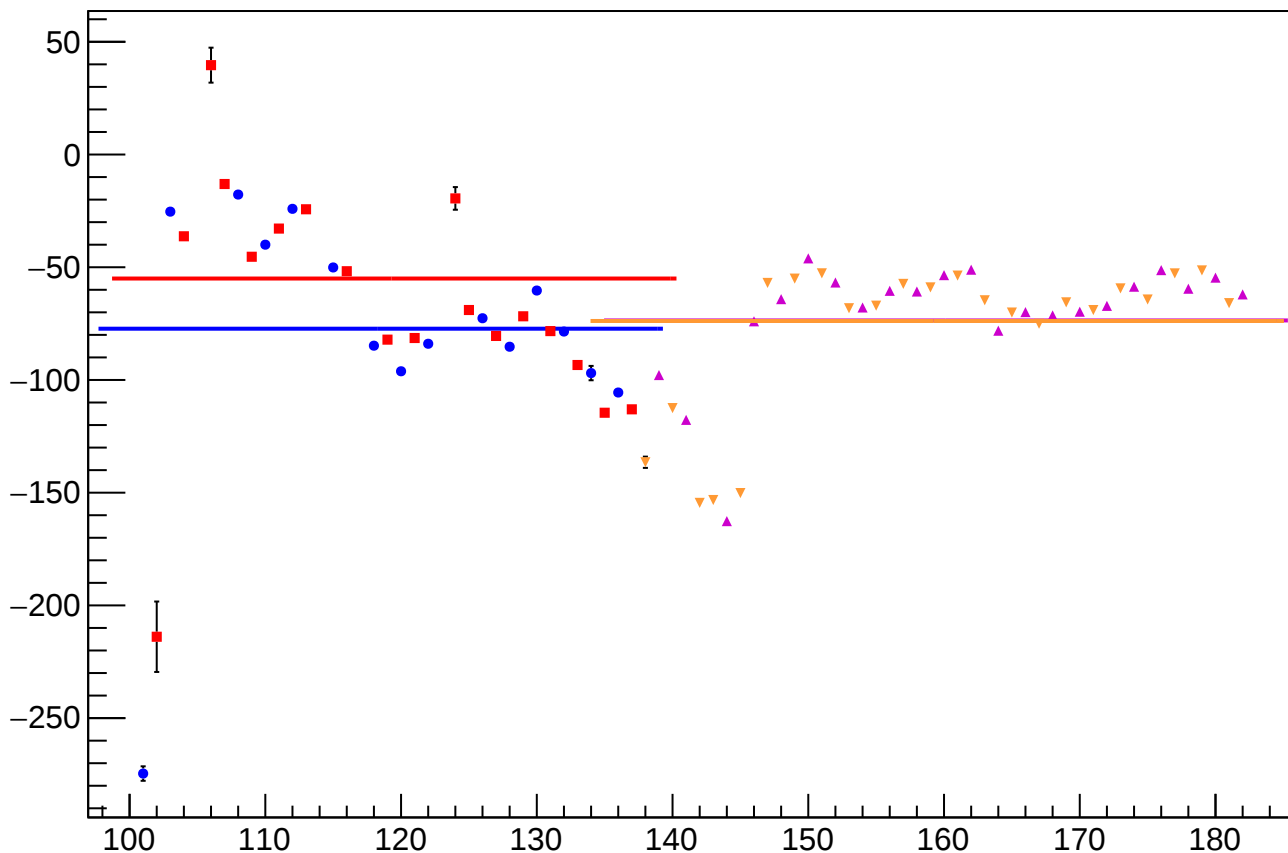
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 121.816 $\pm$ 0.023 χ^2 /NDF:1658075.4/36

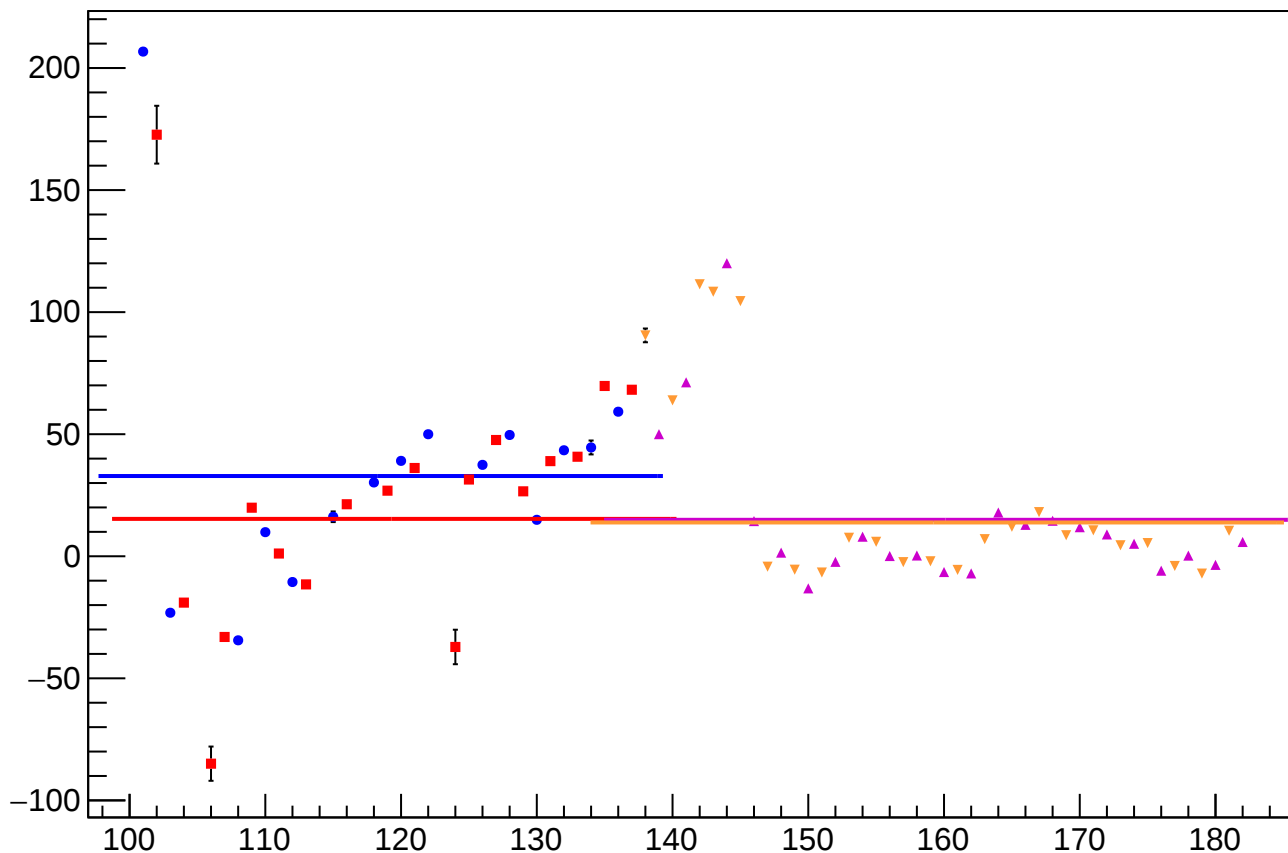
Out: 125.522 $\pm$ 0.019 χ^2 /NDF:3192408.1/40

All: 124.049 $\pm$ 0.015 χ^2 /NDF: 4865600.7/77

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 13.842 $\pm$ 0.100 χ^2/NDF : 96215.6/22

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 14.934 $\pm$ 0.098 χ^2/NDF : 96635.9/21

Left: 14.395 $\pm$ 0.070 χ^2/NDF : 192912.4/44

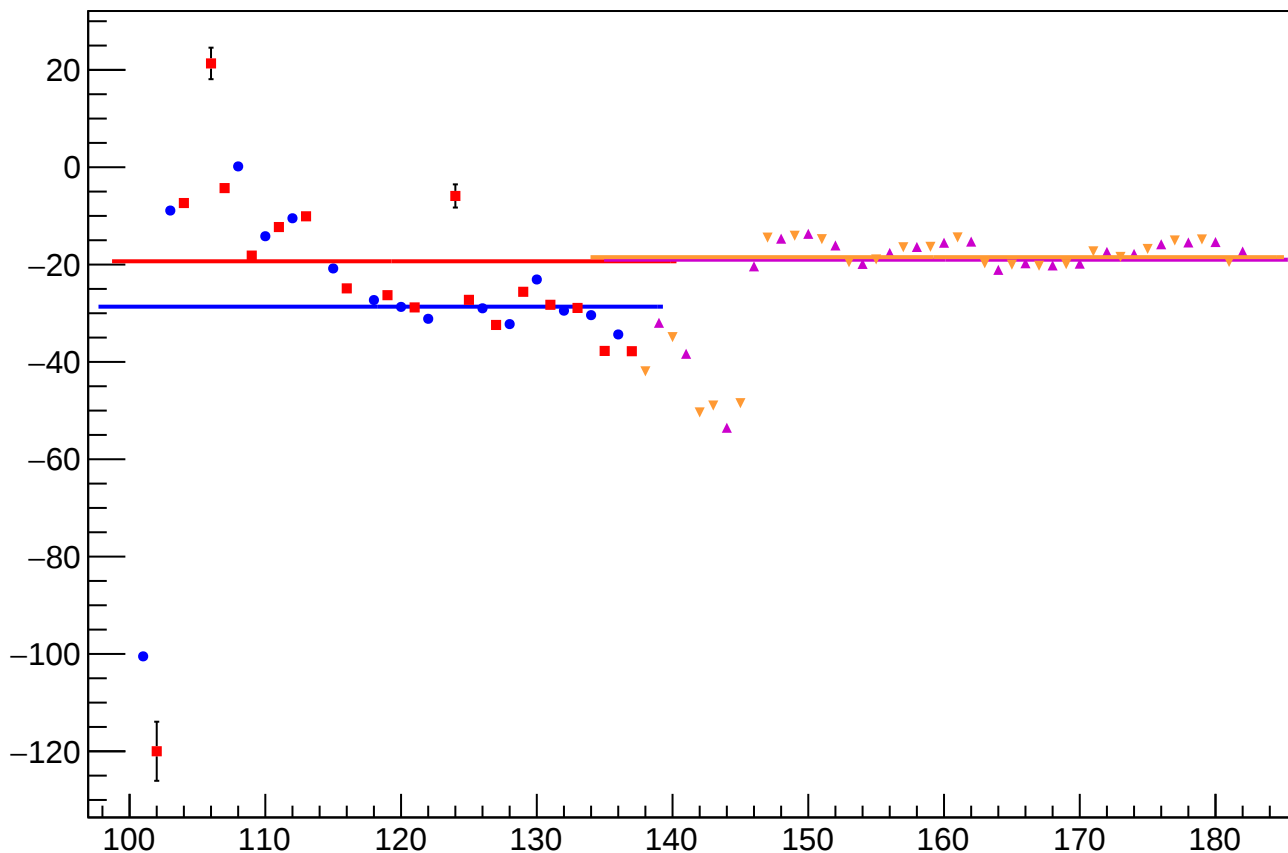
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 20.529 $\pm$ 0.082 χ^2/NDF : 138409.5/36

Out: 14.112 $\pm$ 0.090 χ^2/NDF : 113001.5/40

All: 17.633 $\pm$ 0.060 χ^2/NDF : 254205.3/77

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.476 ± 0.013 $\chi^2/\text{NDF}: 233211.2/22$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.000 ± 0.014 $\chi^2/\text{NDF}: 206987.0/21$

Left: -18.720 ± 0.010 $\chi^2/\text{NDF}: 440938.2/44$

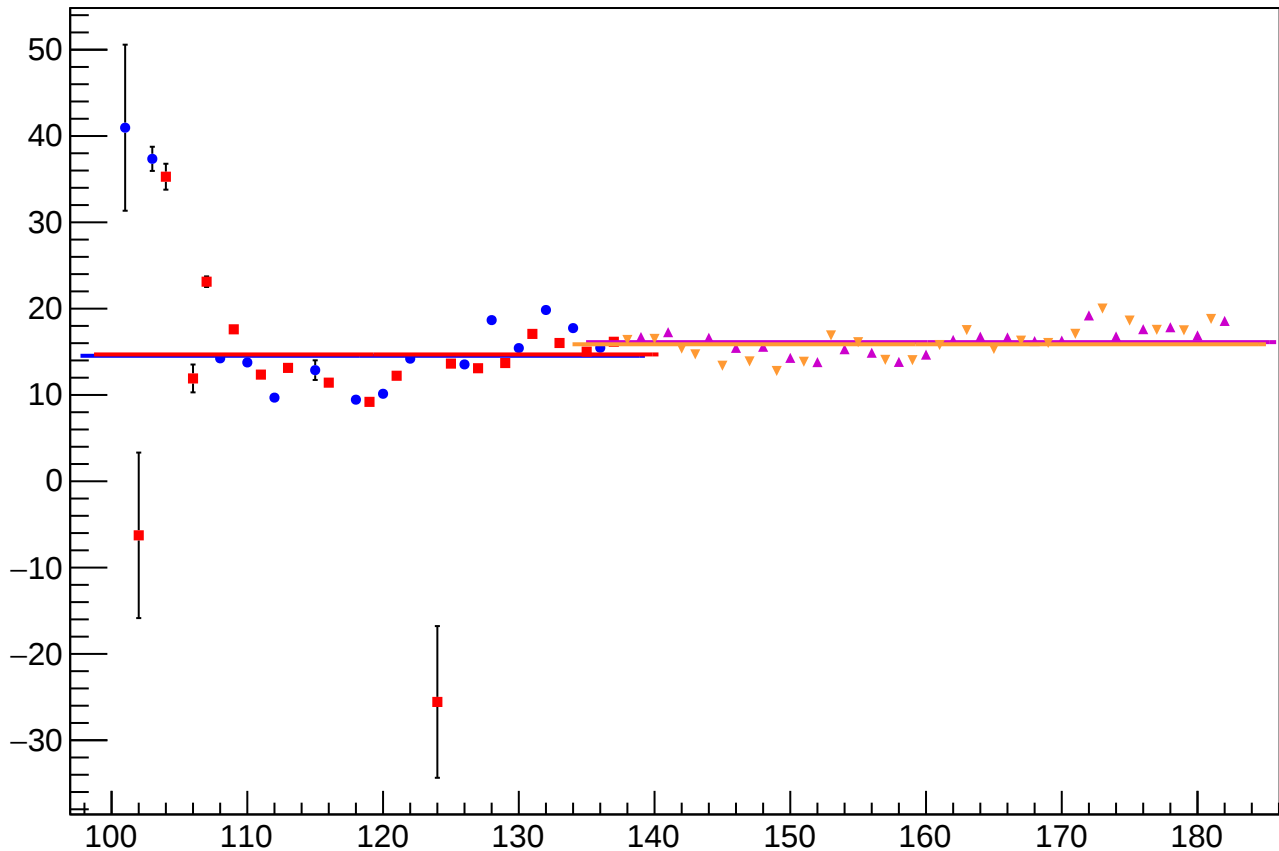
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.392 ± 0.013 $\chi^2/\text{NDF}: 388263.3/36$

Out: -18.562 ± 0.012 $\chi^2/\text{NDF}: 290208.1/40$

All: -19.437 ± 0.009 $\chi^2/\text{NDF}: 688786.9/77$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.873+/-0.014 χ^2/NDF :12855.1/22

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.120+/-0.013 χ^2/NDF :11947.1/21

Left: 16.008+/-0.009 χ^2/NDF : 24975.5/44

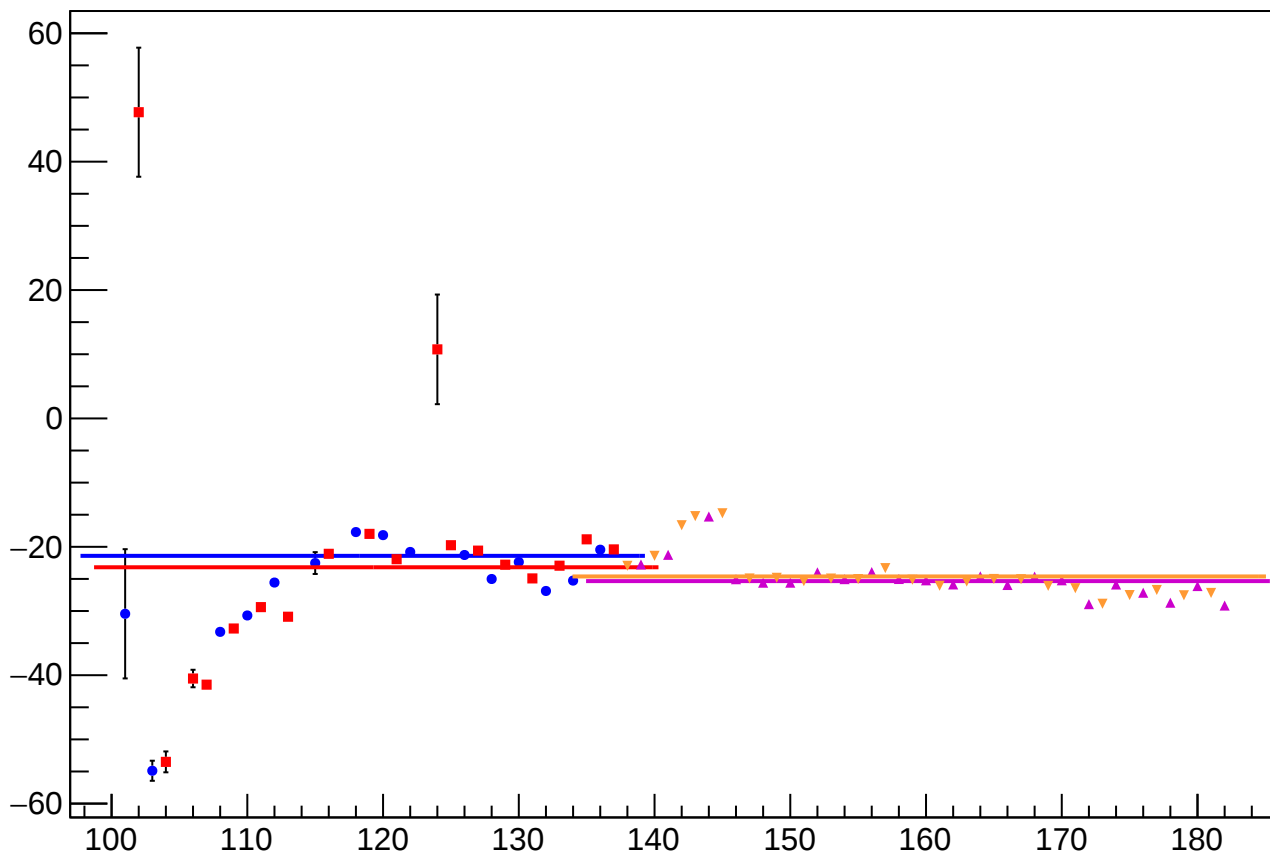
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.878+/-0.012 χ^2/NDF :26403.4/36

Out: 15.764+/-0.013 χ^2/NDF :15152.9/40

All: 15.828+/-0.009 χ^2/NDF : 41598.6/77

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 $\pm$ 0.036 χ^2 /NDF: 9686.6/14

Left Out: -24.615 $\pm$ 0.016 χ^2 /NDF:43515.8/22

Right Out: -23.186 $\pm$ 0.051 χ^2 /NDF: 9126.8/17

Left In: -25.341 $\pm$ 0.016 χ^2 /NDF:16732.1/21

Left: -24.983 $\pm$ 0.011 χ^2 /NDF: 61278.7/44

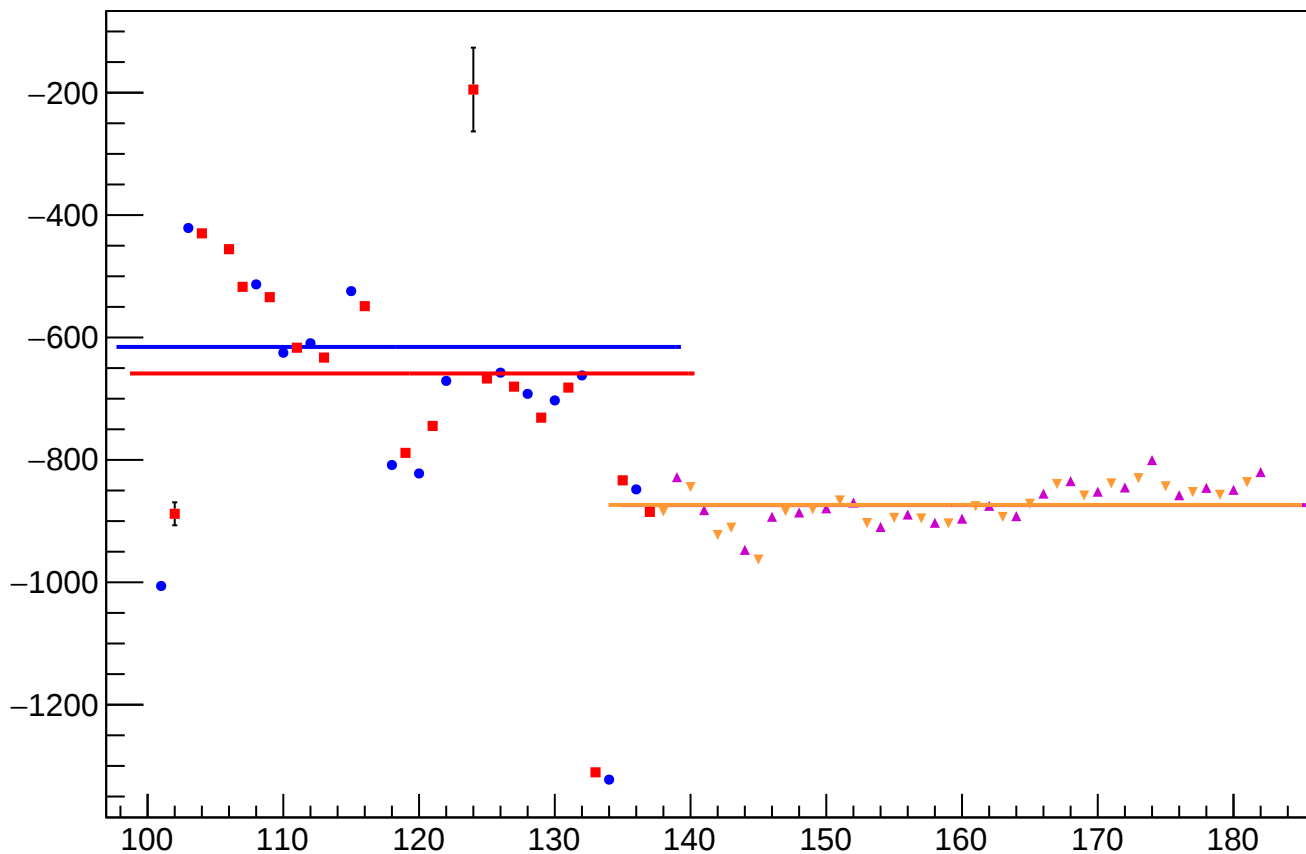
Right: -21.987 $\pm$ 0.029 χ^2 /NDF: 19630.5/32

In: -24.686 $\pm$ 0.015 χ^2 /NDF:36621.0/36

Out: -24.486 $\pm$ 0.015 χ^2 /NDF:53353.4/40

All: -24.592 $\pm$ 0.011 χ^2 /NDF: 90064.8/77

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 χ^2/NDF : 382819.1/14

Left Out: -873.539 ± 0.132 χ^2/NDF : 44357.4/22

Right Out: -658.787 ± 0.256 χ^2/NDF : 385262.6/17

Left In: -873.838 ± 0.123 χ^2/NDF : 58157.1/21

Left: -873.698 ± 0.090 χ^2/NDF : 102517.3/44

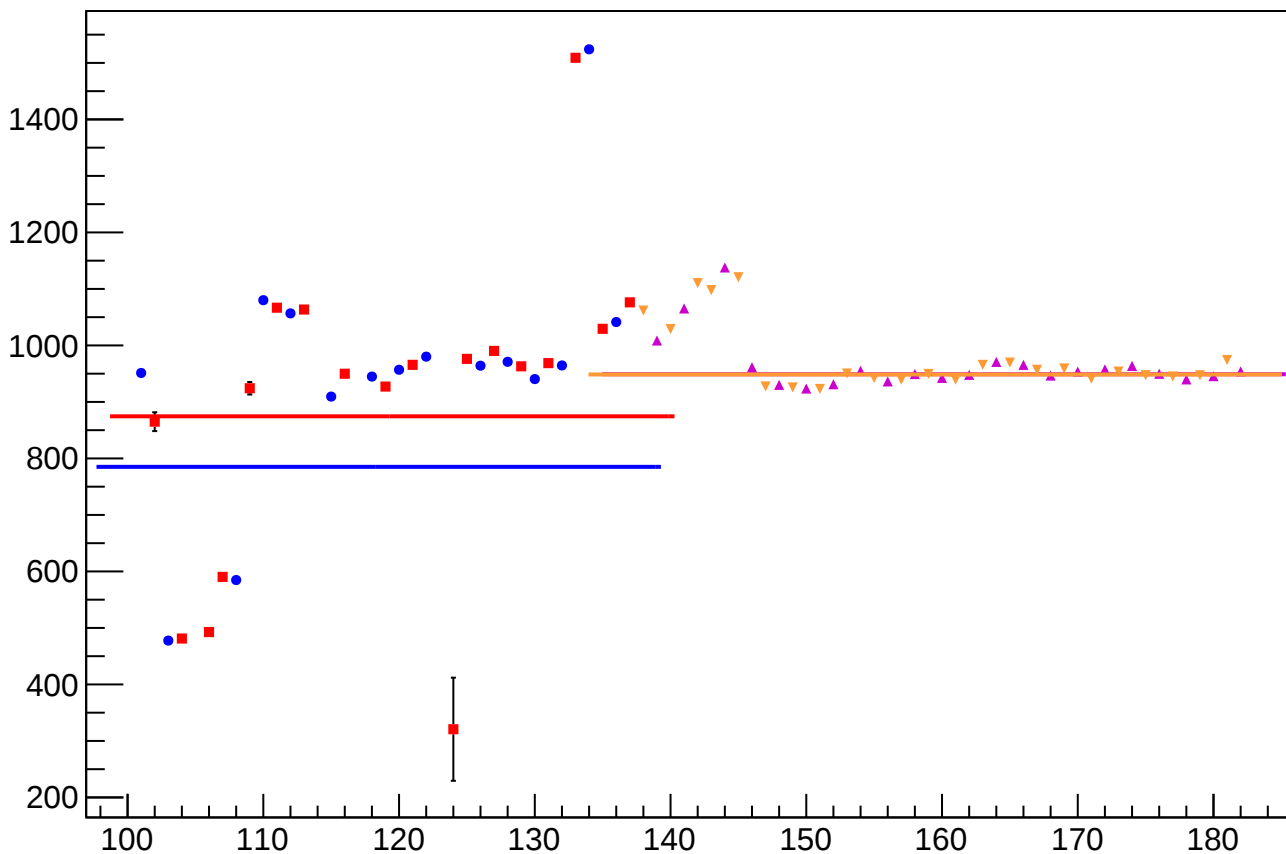
Right: -635.464 ± 0.174 χ^2/NDF : 783480.4/32

In: -818.924 ± 0.110 χ^2/NDF : 1372507.4/36

Out: -828.525 ± 0.117 χ^2/NDF : 984539.4/40

All: -823.394 ± 0.080 χ^2/NDF : 2360624.6/77

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.567 $\pm$ 0.104 χ^2 /NDF: 73236.6/22

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 949.002 $\pm$ 0.103 χ^2 /NDF: 76834.8/21

Left: 948.788 $\pm$ 0.073 χ^2 /NDF: 150080.3/44

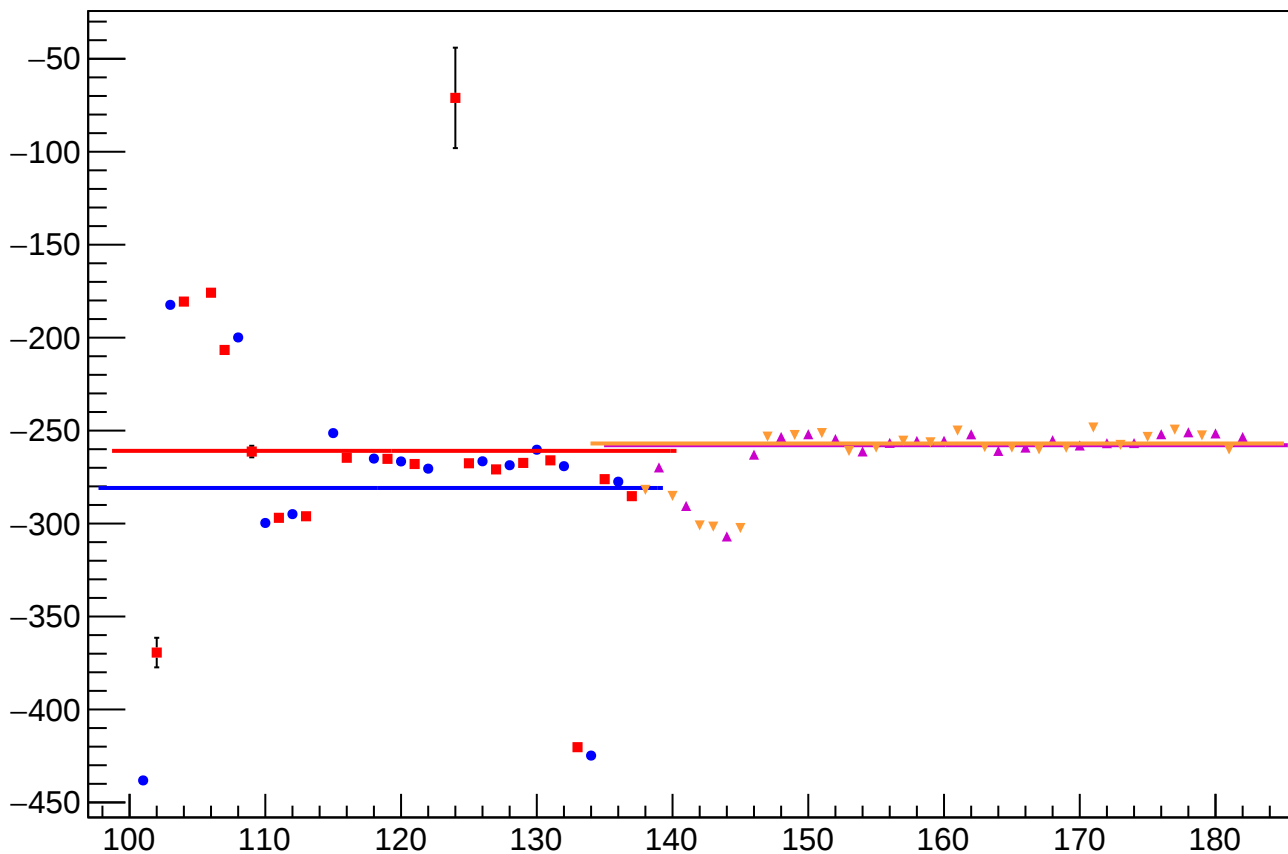
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 921.452 $\pm$ 0.093 χ^2 /NDF: 1392770.6/36

Out: 938.425 $\pm$ 0.097 χ^2 /NDF: 985135.6/40

All: 929.653 $\pm$ 0.067 χ^2 /NDF: 2393831.8/77

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -256.928+/-0.019 χ^2/NDF :184217.0/22

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -257.861+/-0.019 χ^2/NDF :208410.1/21

Left: -257.411+/-0.013 χ^2/NDF : 393835.2/44

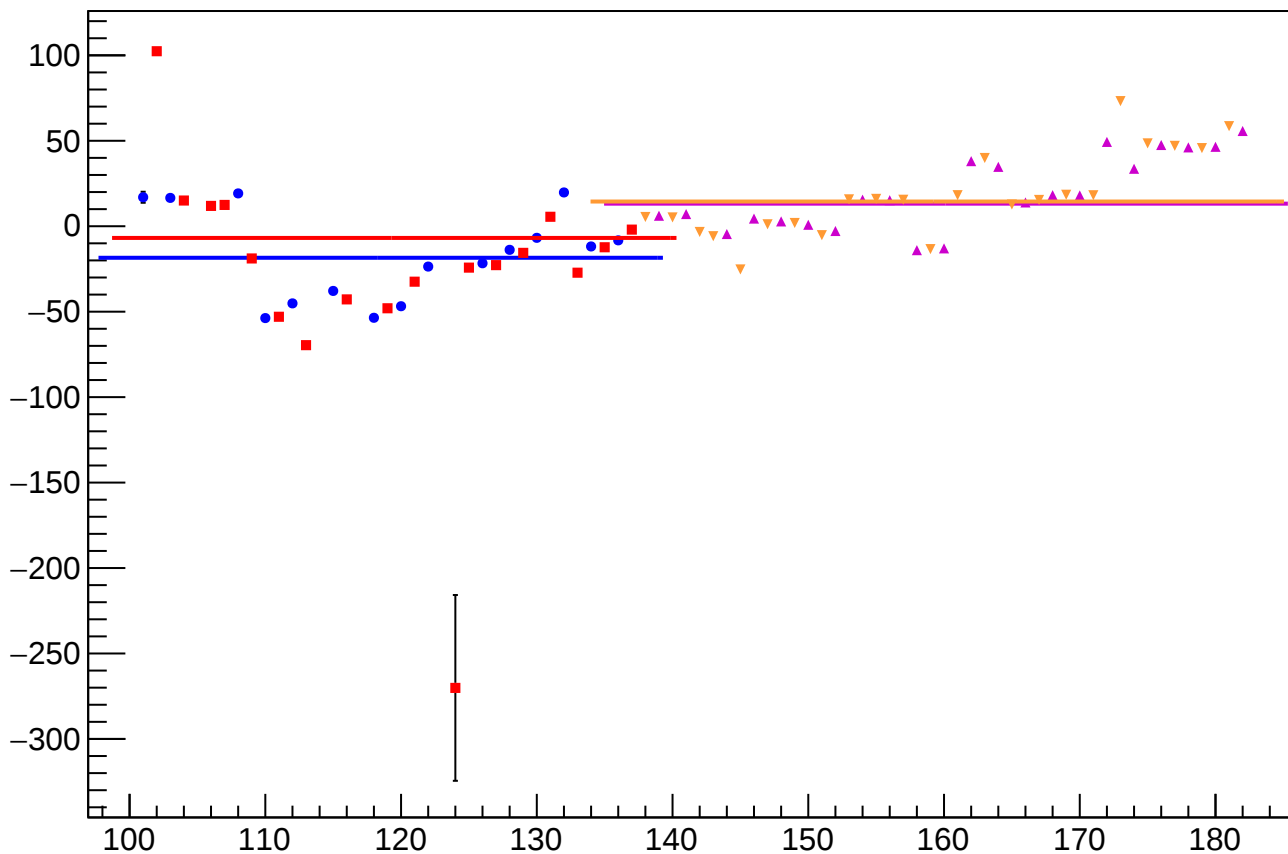
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -259.982+/-0.018 χ^2/NDF :1222120.4/36

Out: -257.228+/-0.019 χ^2/NDF :535125.4/40

All: -258.665+/-0.013 χ^2/NDF : 1768725.6/77

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 14.457 ± 0.020 $\chi^2/\text{NDF}: 826882.0/22$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 13.211 ± 0.019 $\chi^2/\text{NDF}: 1012156.9/21$

Left: 13.799 ± 0.014 $\chi^2/\text{NDF}: 1841114.9/44$

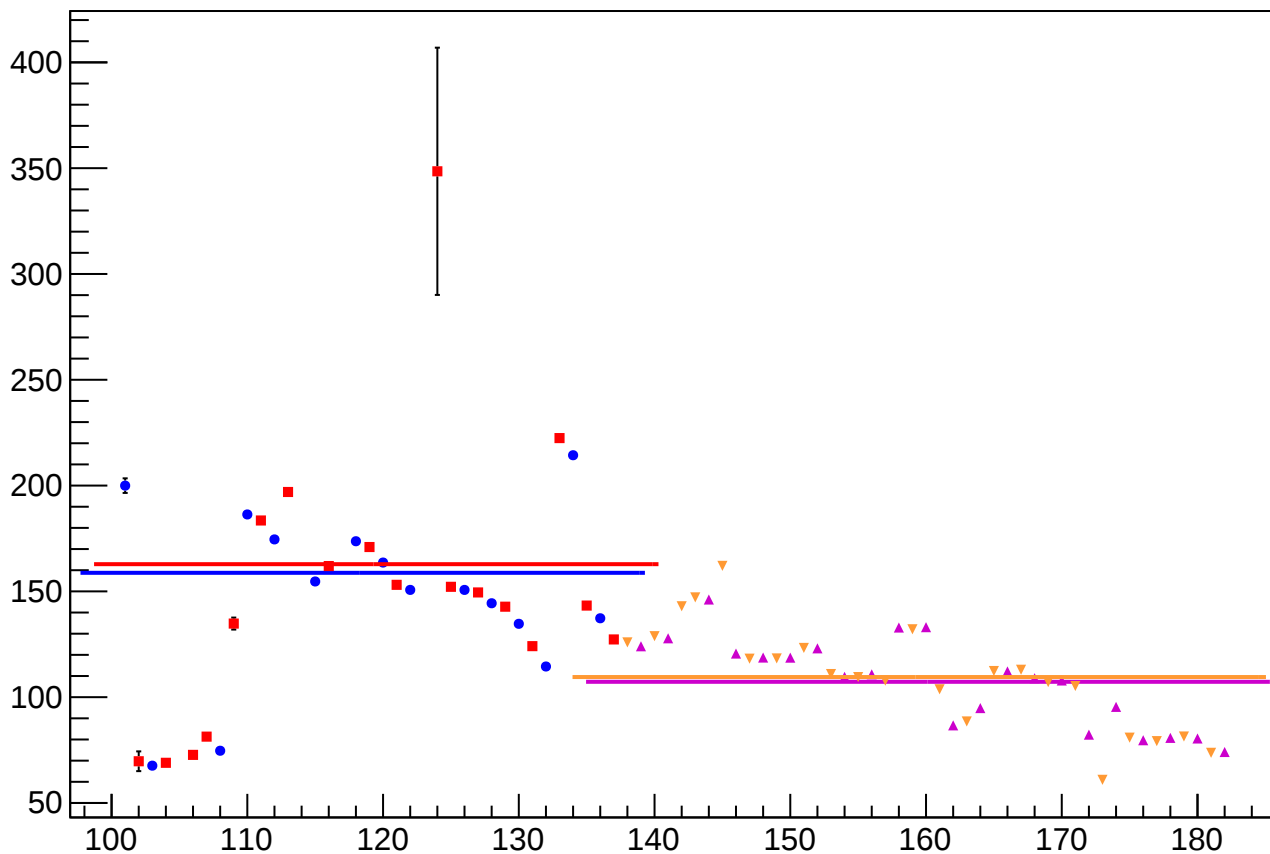
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.926 ± 0.018 $\chi^2/\text{NDF}: 1174193.8/36$

Out: 12.615 ± 0.019 $\chi^2/\text{NDF}: 976300.7/40$

All: 12.259 ± 0.013 $\chi^2/\text{NDF}: 2151174.3/77$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 109.514 ± 0.023 χ^2/NDF : 501968.1/22

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 107.265 ± 0.020 χ^2/NDF : 778570.3/21

Left: 108.195 ± 0.015 χ^2/NDF : 1285919.3/44

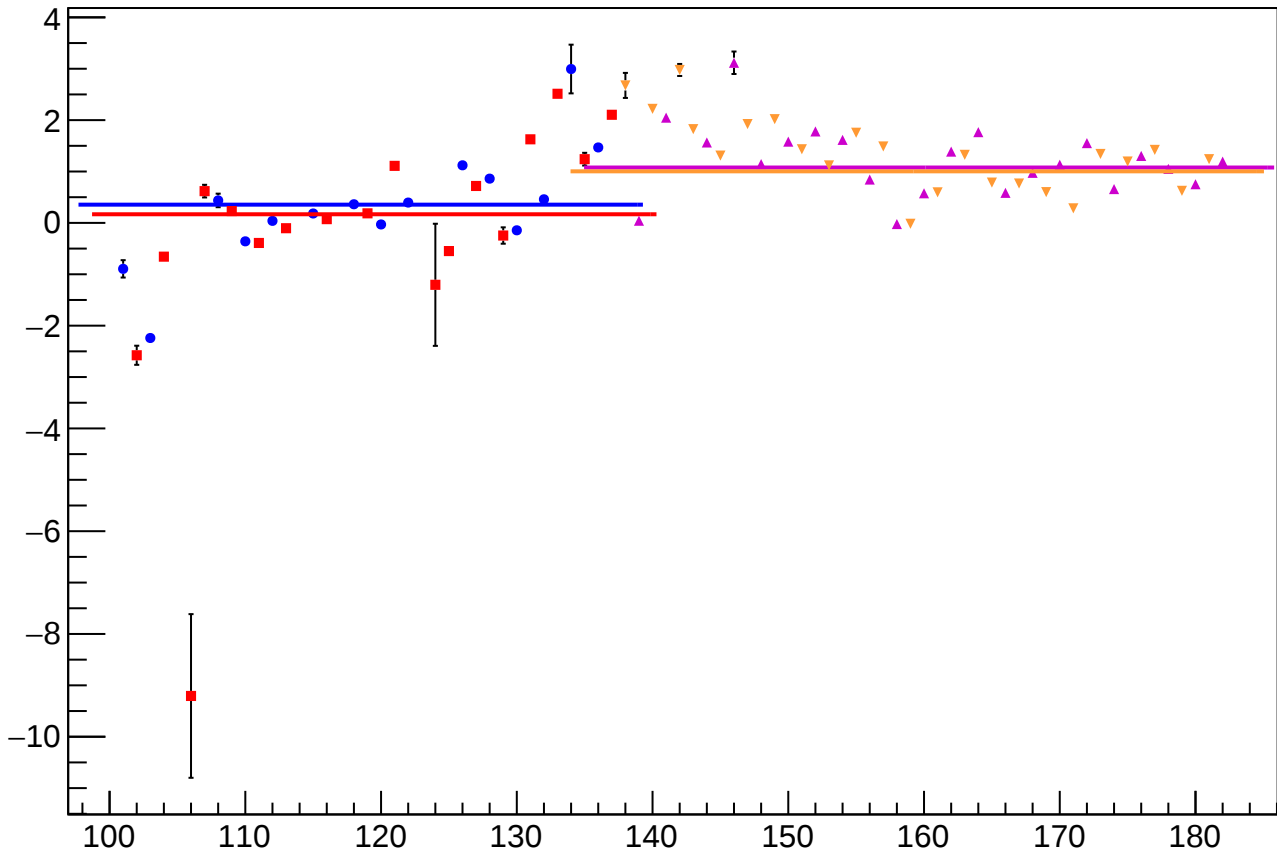
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 109.712 ± 0.019 χ^2/NDF : 1261621.7/36

Out: 112.694 ± 0.023 χ^2/NDF : 965749.0/40

All: 110.954 ± 0.015 χ^2/NDF : 2237375.4/77

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.003 ± 0.007 $\chi^2/\text{NDF}: 6502.7/22$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.078 ± 0.007 $\chi^2/\text{NDF}: 7164.1/21$

Left: 1.043 ± 0.005 $\chi^2/\text{NDF}: 13727.7/44$

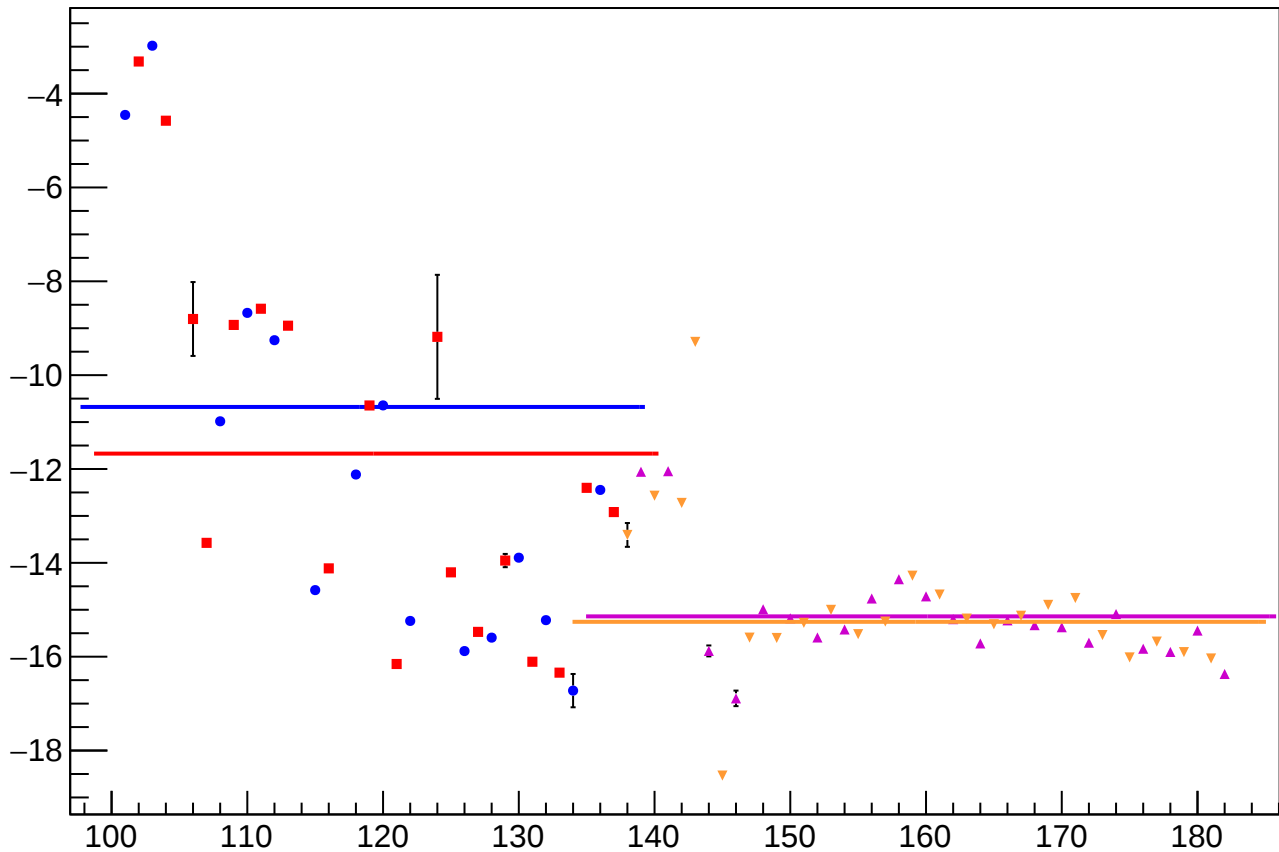
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.908 ± 0.006 $\chi^2/\text{NDF}: 14067.7/36$

Out: 0.626 ± 0.005 $\chi^2/\text{NDF}: 17645.7/40$

All: 0.753 ± 0.004 $\chi^2/\text{NDF}: 33070.2/77$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.257 ± 0.006 $\chi^2/\text{NDF}: 40156.6/22$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.141 ± 0.006 $\chi^2/\text{NDF}: 15541.2/21$

Left: -15.202 ± 0.004 $\chi^2/\text{NDF}: 55906.9/44$

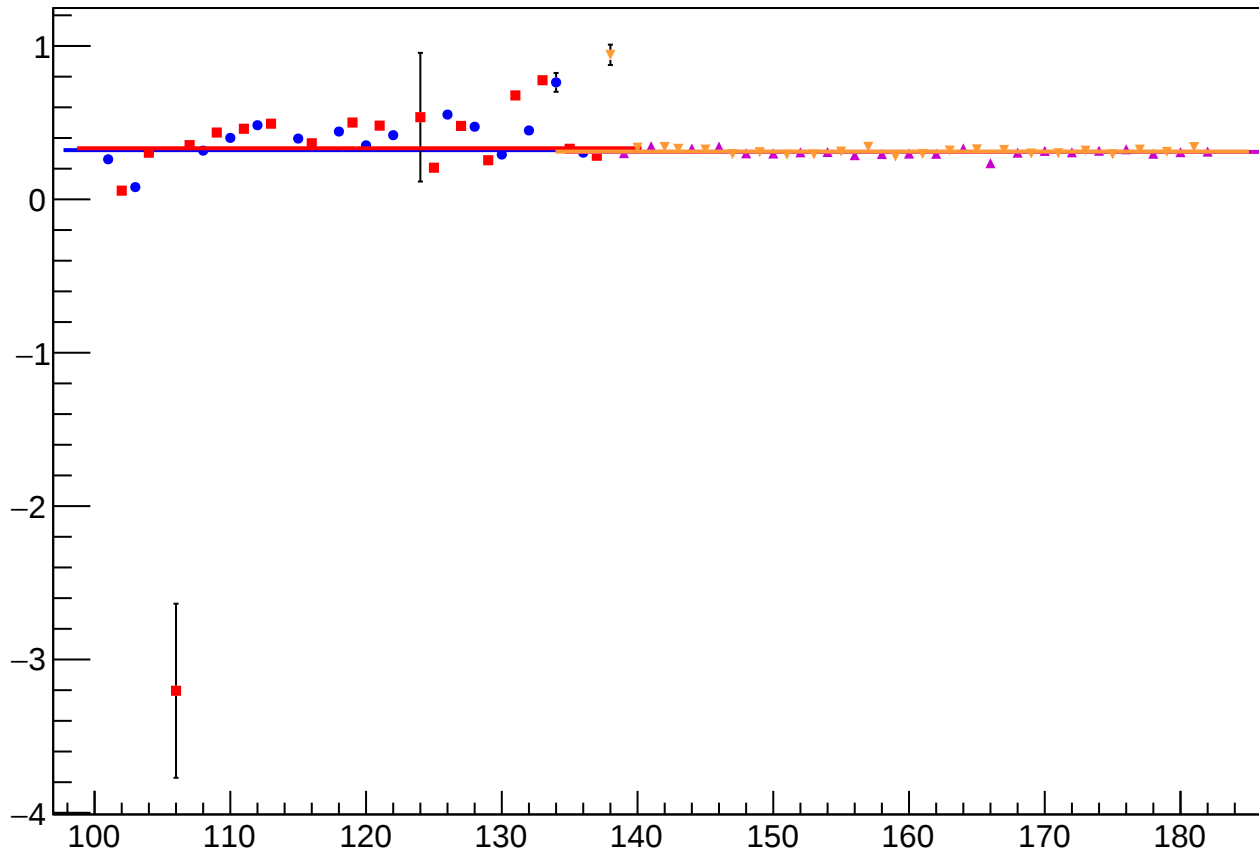
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.060 ± 0.005 $\chi^2/\text{NDF}: 385204.1/36$

Out: -14.598 ± 0.005 $\chi^2/\text{NDF}: 225397.0/40$

All: -14.332 ± 0.004 $\chi^2/\text{NDF}: 616335.2/77$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 5343.4/22

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2992.5/21

Left: 0.310+/-0.000 χ^2/NDF : 8377.8/44

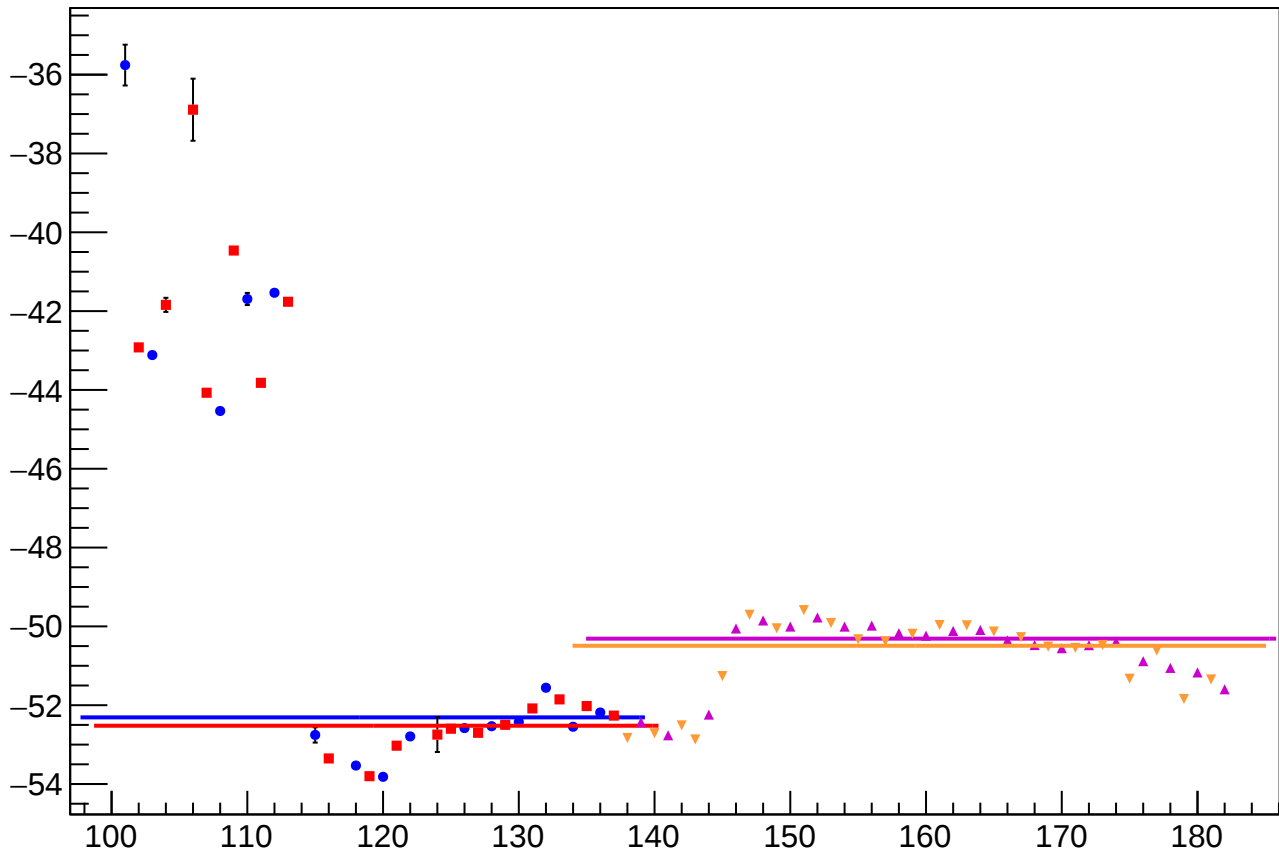
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.9/36

Out: 0.312+/-0.000 χ^2/NDF : 9800.2/40

All: 0.311+/-0.000 χ^2/NDF : 16997.3/77

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.492 ± 0.001 $\chi^2/\text{NDF}: 273502.1/22$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.311 ± 0.001 $\chi^2/\text{NDF}: 180980.3/21$

Left: -50.390 ± 0.001 $\chi^2/\text{NDF}: 463051.1/44$

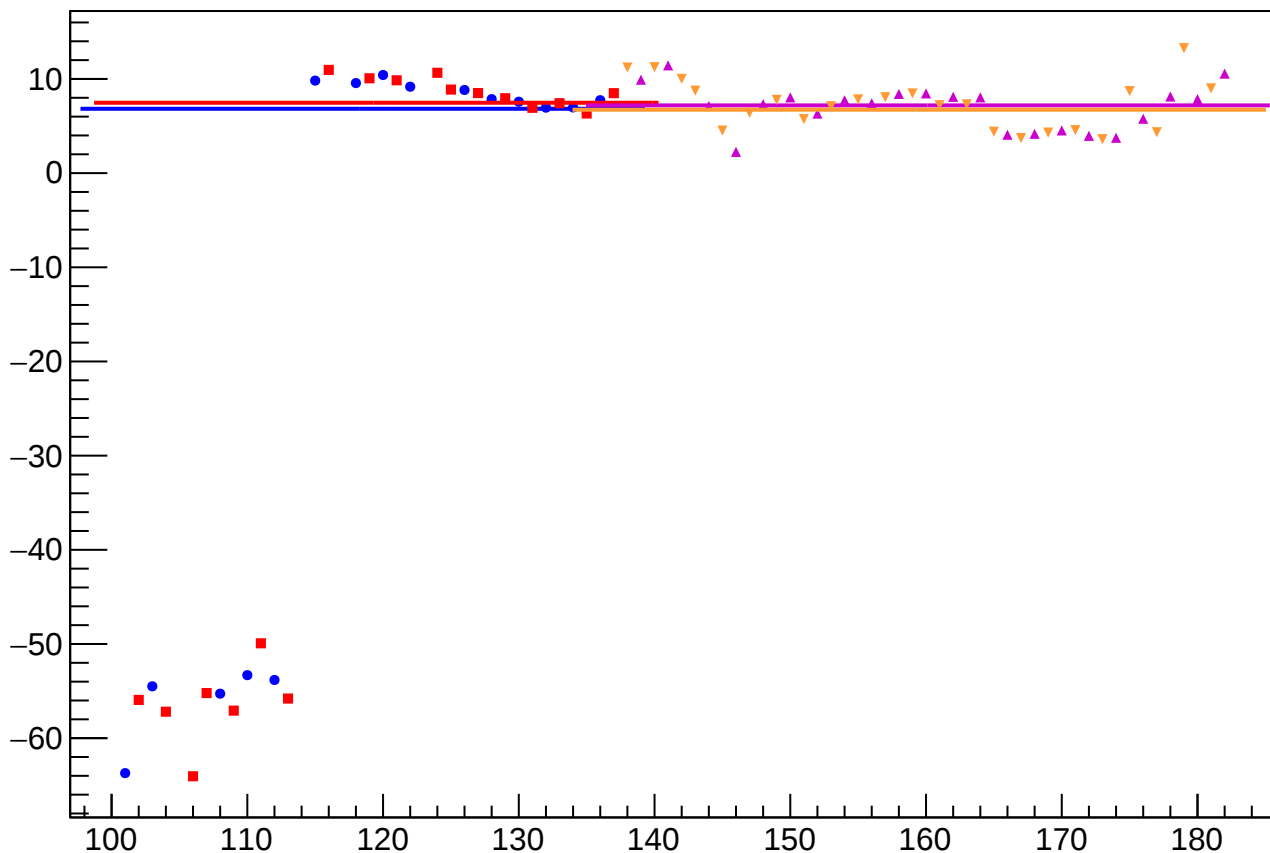
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.468 ± 0.001 $\chi^2/\text{NDF}: 423214.6/36$

Out: -50.678 ± 0.001 $\chi^2/\text{NDF}: 526426.8/40$

All: -50.561 ± 0.001 $\chi^2/\text{NDF}: 962309.2/77$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.731 ± 0.004 $\chi^2/\text{NDF}: 335477.1/22$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.192 ± 0.003 $\chi^2/\text{NDF}: 199569.9/21$

Left: 6.978 ± 0.003 $\chi^2/\text{NDF}: 543264.1/44$

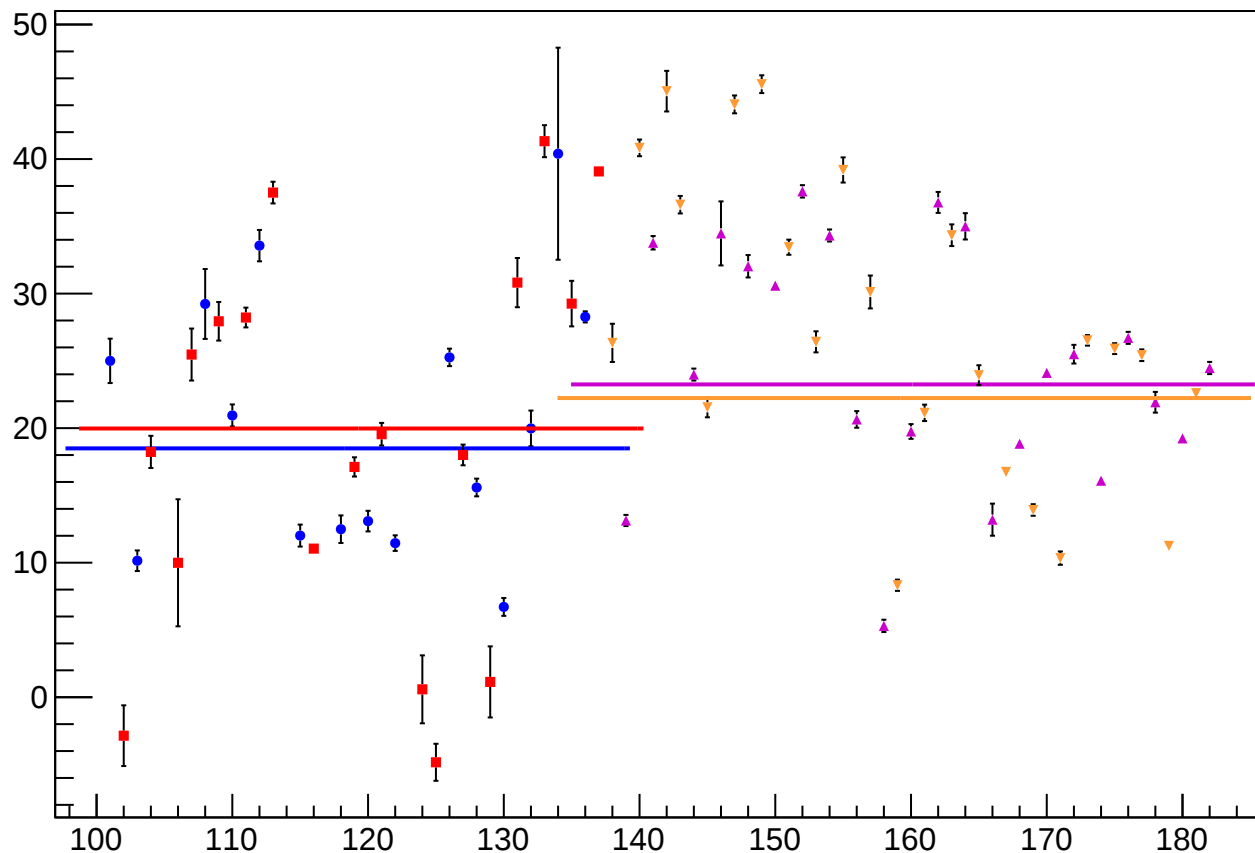
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.078 ± 0.003 $\chi^2/\text{NDF}: 1193557.7/36$

Out: 6.834 ± 0.003 $\chi^2/\text{NDF}: 1536485.5/40$

All: 6.979 ± 0.002 $\chi^2/\text{NDF}: 2732998.3/77$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 22.237 ± 0.104 $\chi^2/\text{NDF}: 8843.0/22$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.250 ± 0.097 $\chi^2/\text{NDF}: 6338.8/21$

Left: 22.778 ± 0.071 $\chi^2/\text{NDF}: 15232.1/44$

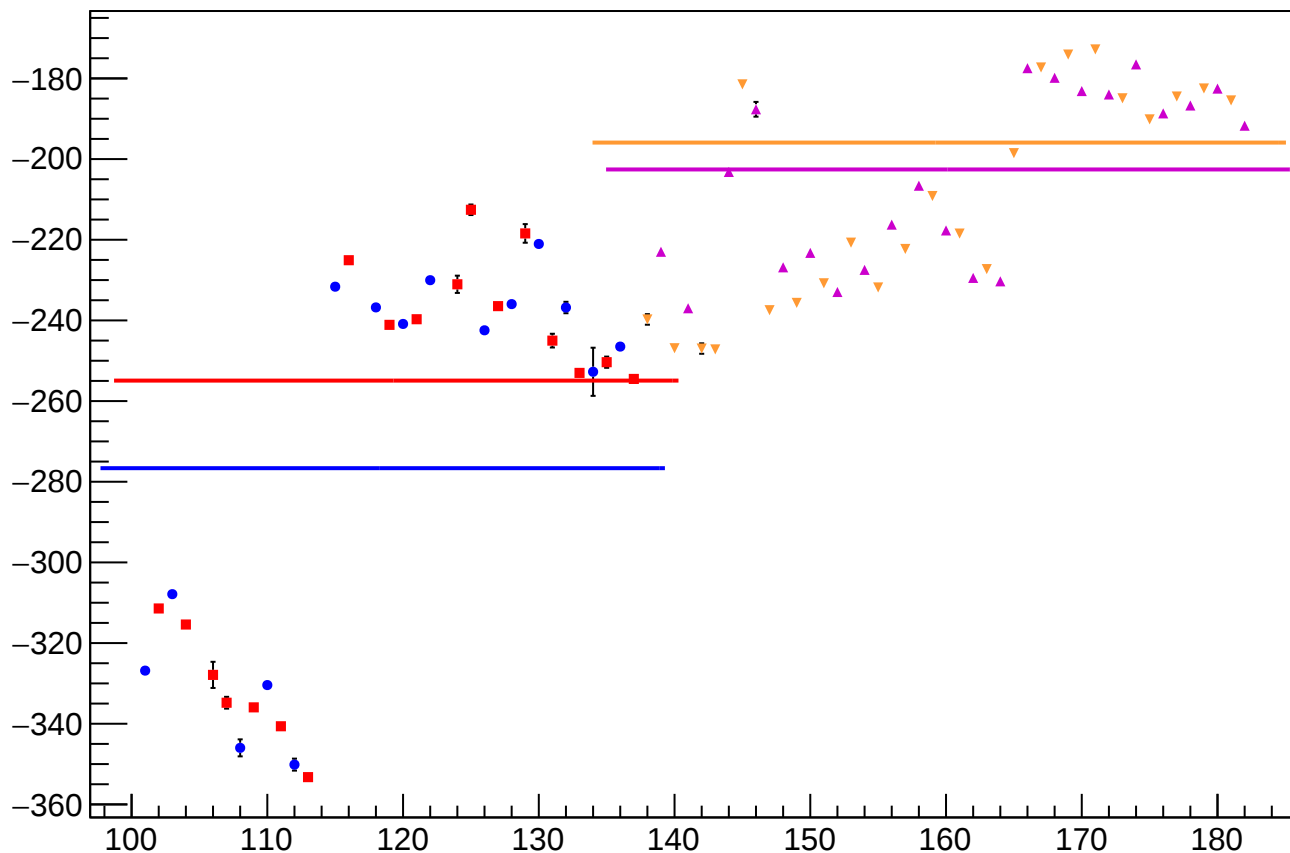
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.339 ± 0.088 $\chi^2/\text{NDF}: 8432.0/36$

Out: 21.352 ± 0.081 $\chi^2/\text{NDF}: 18228.4/40$

All: 21.809 ± 0.060 $\chi^2/\text{NDF}: 26728.4/77$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2/NDF : 77119.6/14

Left Out: -195.907+/-0.087 χ^2/NDF : 69421.9/22

Right Out: -254.921+/-0.071 χ^2/NDF : 71945.8/17

Left In: -202.573+/-0.086 χ^2/NDF : 62708.7/21

Left: -199.272+/-0.061 χ^2/NDF : 135099.0/44

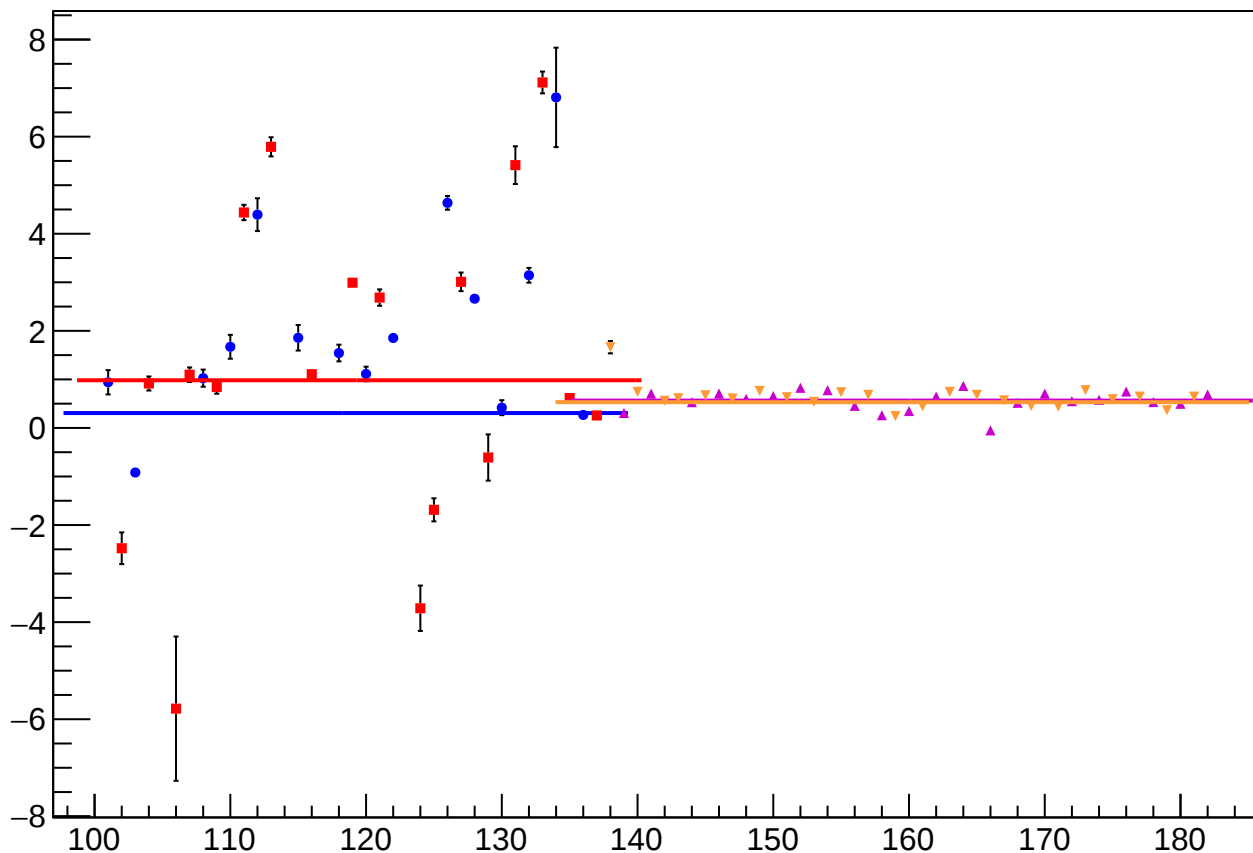
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -221.387+/-0.074 χ^2/NDF : 327796.9/36

Out: -231.215+/-0.055 χ^2/NDF : 417121.7/40

All: -227.732+/-0.044 χ^2/NDF : 756194.7/77

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.531 ± 0.002 χ^2/NDF : 10923.0/22

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.564 ± 0.001 χ^2/NDF : 16157.7/21

Left: 0.550 ± 0.001 χ^2/NDF : 27291.9/44

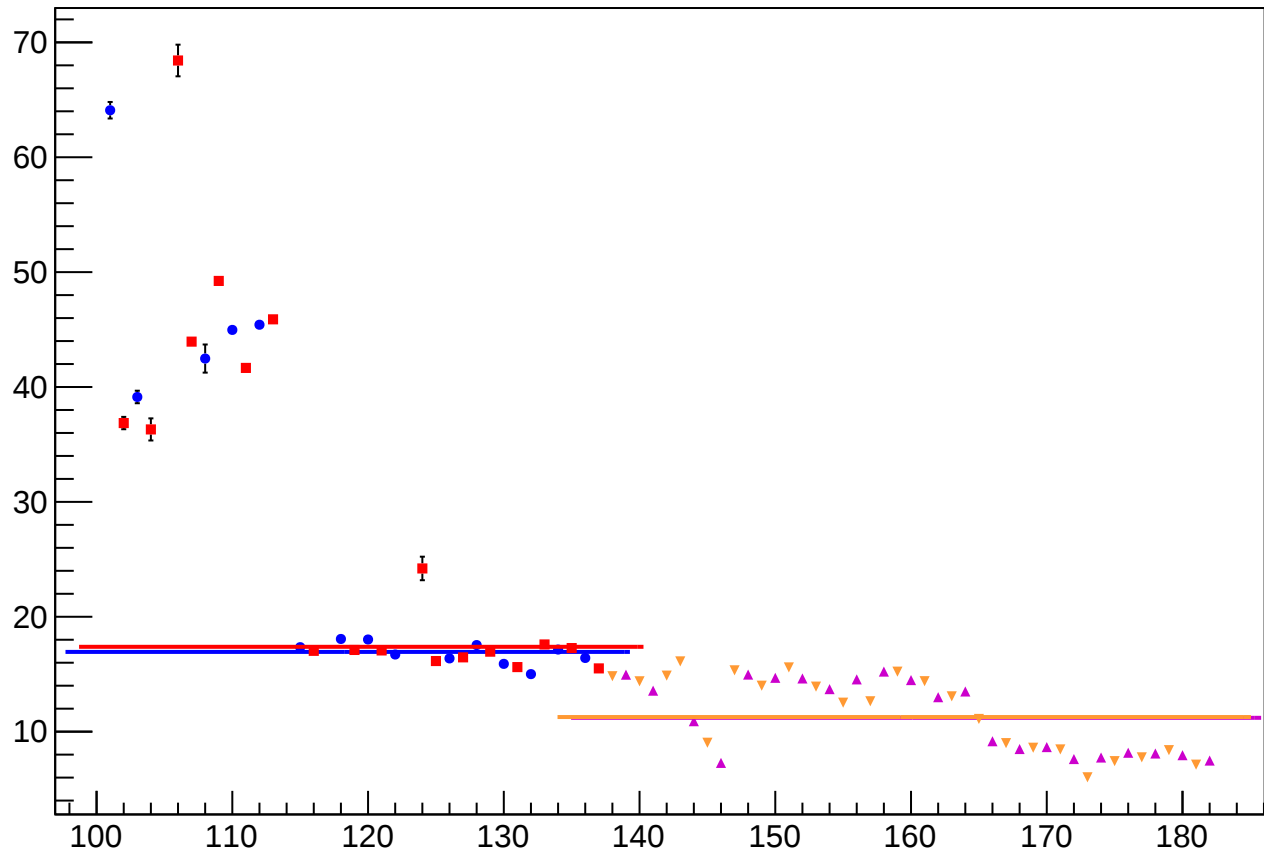
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.552 ± 0.001 χ^2/NDF : 20374.6/36

Out: 0.537 ± 0.002 χ^2/NDF : 15229.4/40

All: 0.546 ± 0.001 χ^2/NDF : 35648.9/77

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 11.271 $\pm$ 0.007 χ^2 /NDF: 250908.0/22

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 11.204 $\pm$ 0.007 χ^2 /NDF: 220065.4/21

Left: 11.237 $\pm$ 0.005 χ^2 /NDF: 471021.8/44

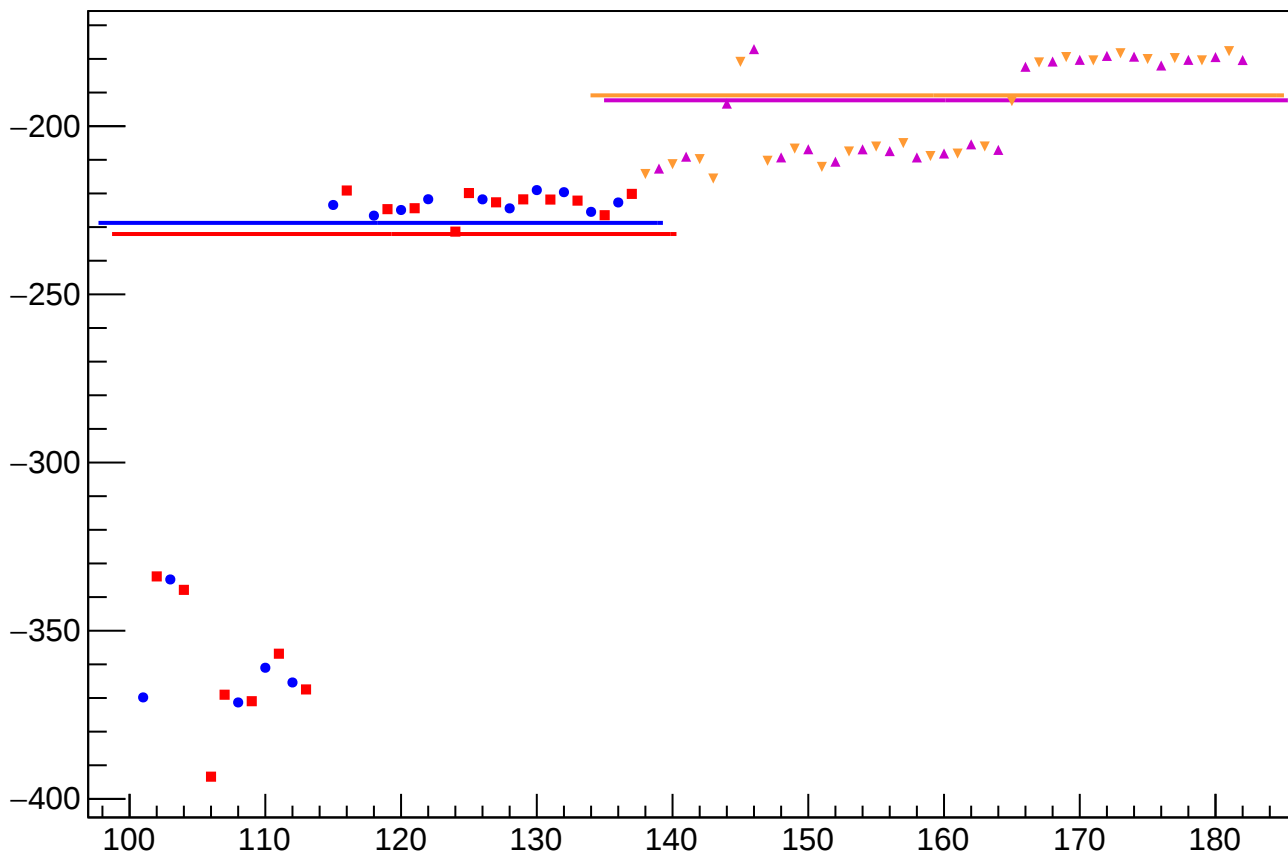
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 12.440 $\pm$ 0.006 χ^2 /NDF: 405005.2/36

Out: 12.094 $\pm$ 0.006 χ^2 /NDF: 416598.9/40

All: 12.280 $\pm$ 0.004 χ^2 /NDF: 823151.0/77

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -190.835 ± 0.012 χ^2/NDF : 1474466.4/22

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -192.310 ± 0.012 χ^2/NDF : 1409845.4/21

Left: -191.579 ± 0.008 χ^2/NDF : 2892166.0/44

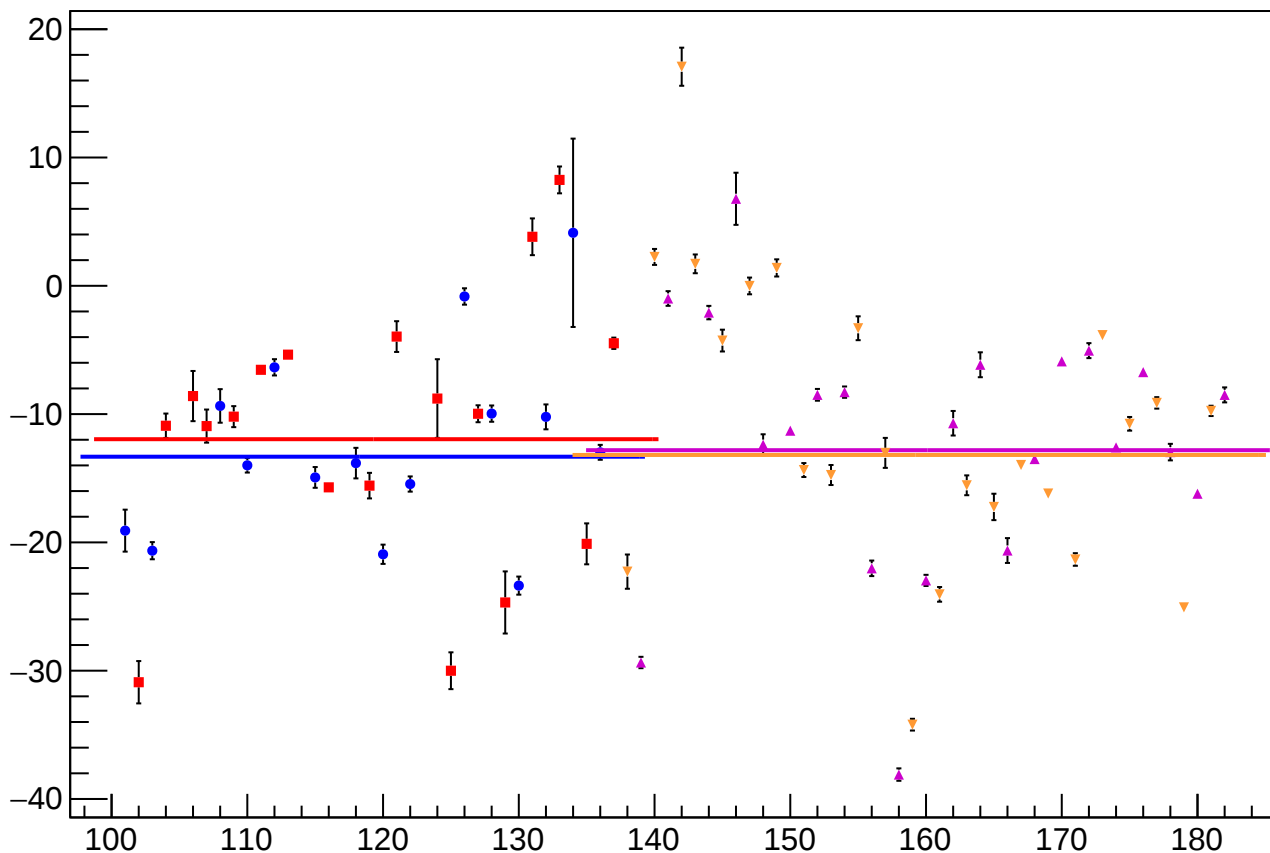
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -196.038 ± 0.011 χ^2/NDF : 3058247.8/36

Out: -193.953 ± 0.011 χ^2/NDF : 3186827.0/40

All: -195.020 ± 0.008 χ^2/NDF : 6262313.3/77

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14
 Left Out: -13.186+/-0.111 χ^2/NDF : 7231.6/22
 Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17
 Left In: -12.813+/-0.100 χ^2/NDF : 7327.5/21

Left: -12.979+/-0.074 χ^2/NDF : 14565.4/44

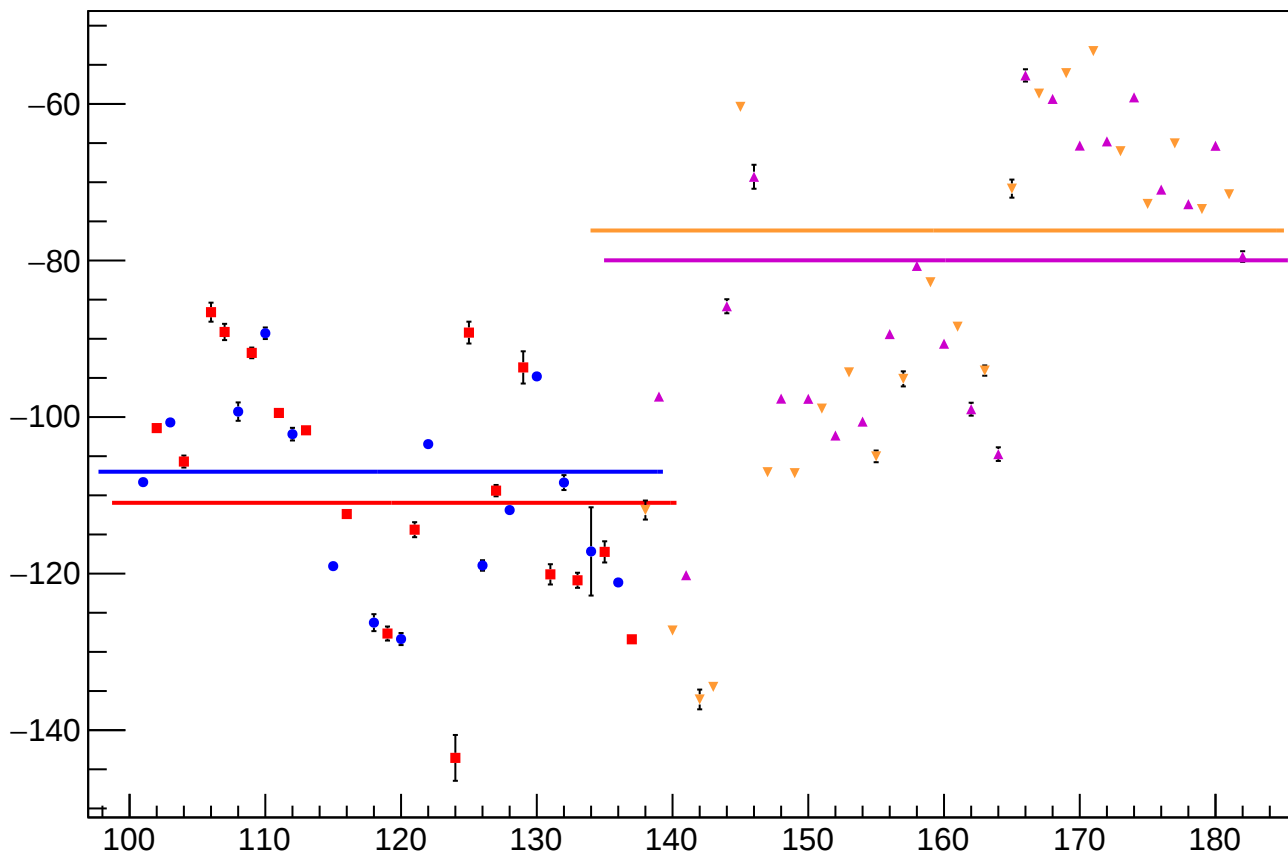
Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32

In: -12.919+/-0.089 χ^2/NDF : 8346.0/36

Out: -12.580+/-0.079 χ^2/NDF : 9779.3/40

All: -12.730+/-0.059 χ^2/NDF : 18133.4/77

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -76.165 ± 0.087 χ^2/NDF : 53564.6/22

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.976 ± 0.086 χ^2/NDF : 44352.4/21

Left: -78.092 ± 0.061 χ^2/NDF : 98889.5/44

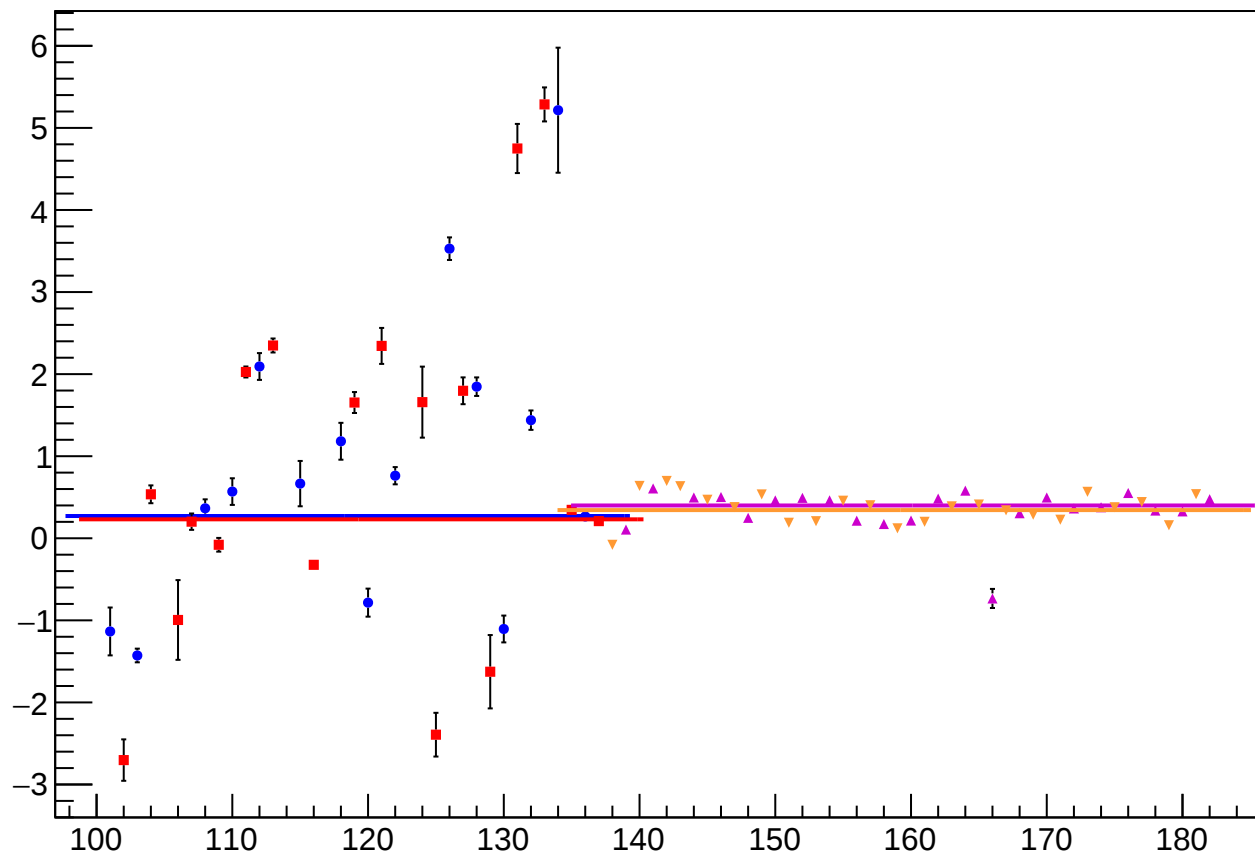
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.208 ± 0.068 χ^2/NDF : 86434.5/36

Out: -102.253 ± 0.043 χ^2/NDF : 184441.6/40

All: -98.740 ± 0.037 χ^2/NDF : 293282.3/77

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.343 ± 0.002 χ^2/NDF : 10397.8/22

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.400 ± 0.001 χ^2/NDF : 9756.0/21

Left: 0.376 ± 0.001 χ^2/NDF : 20788.6/44

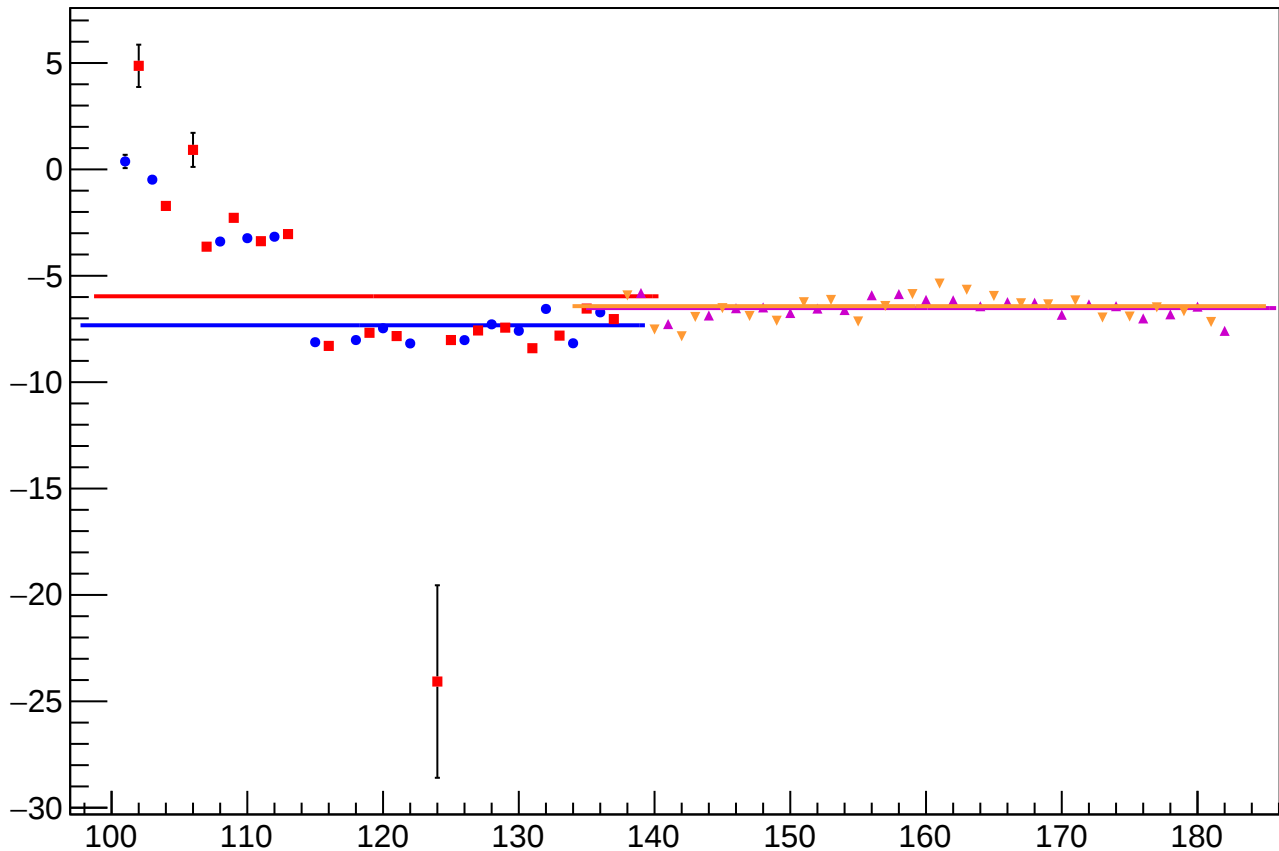
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.391 ± 0.001 χ^2/NDF : 11909.6/36

Out: 0.329 ± 0.002 χ^2/NDF : 13871.1/40

All: 0.363 ± 0.001 χ^2/NDF : 26631.3/77

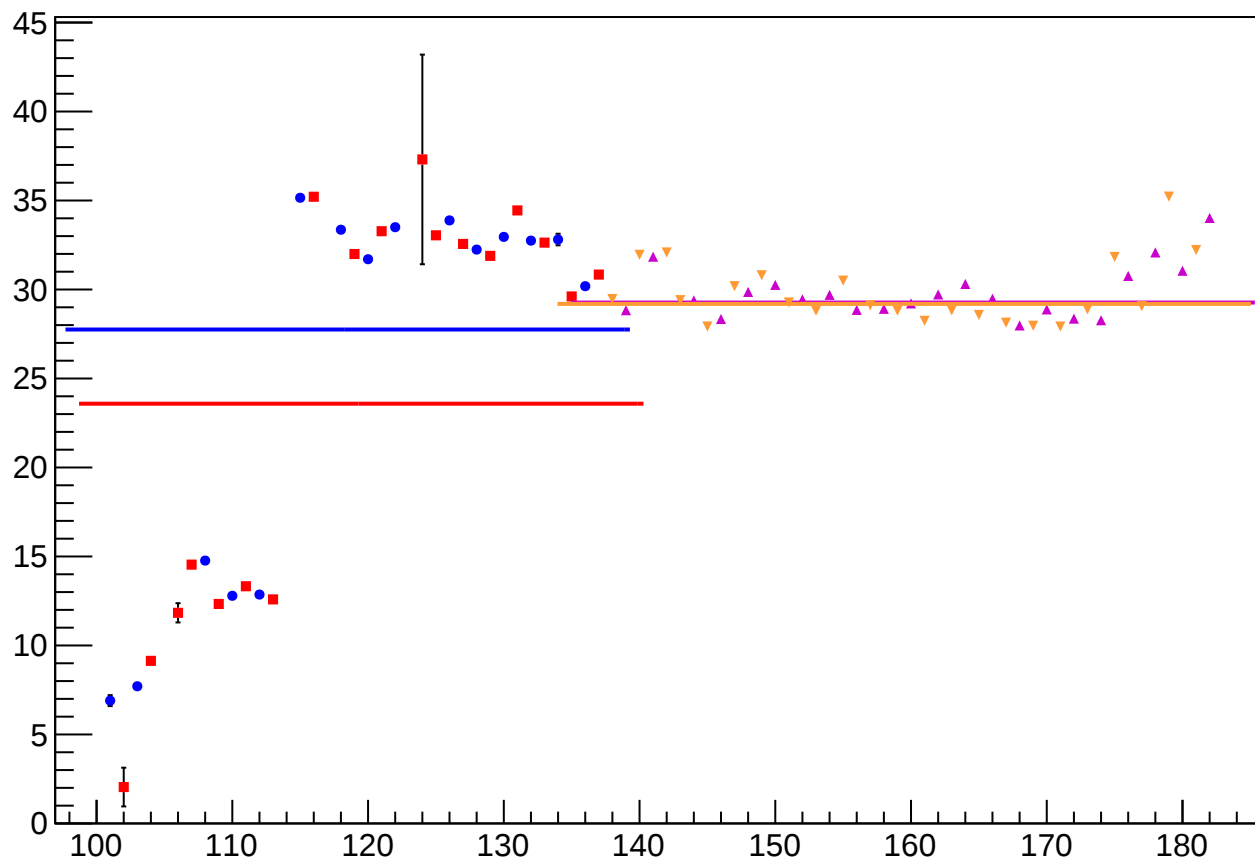
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.428 ± 0.005 $\chi^2/\text{NDF}: 7320.9/22$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.519 ± 0.005 $\chi^2/\text{NDF}: 7032.4/21$

Left: -6.476 ± 0.003 $\chi^2/\text{NDF}: 14537.8/44$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.707 ± 0.004 $\chi^2/\text{NDF}: 44661.5/36$
 Out: -6.318 ± 0.004 $\chi^2/\text{NDF}: 81265.3/40$
 All: -6.523 ± 0.003 $\chi^2/\text{NDF}: 130301.2/77$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.191 $\pm$ 0.008 χ^2 /NDF:39246.7/22

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.268 $\pm$ 0.008 χ^2 /NDF:11583.8/21

Left: 29.229 $\pm$ 0.006 χ^2 /NDF: 50871.5/44

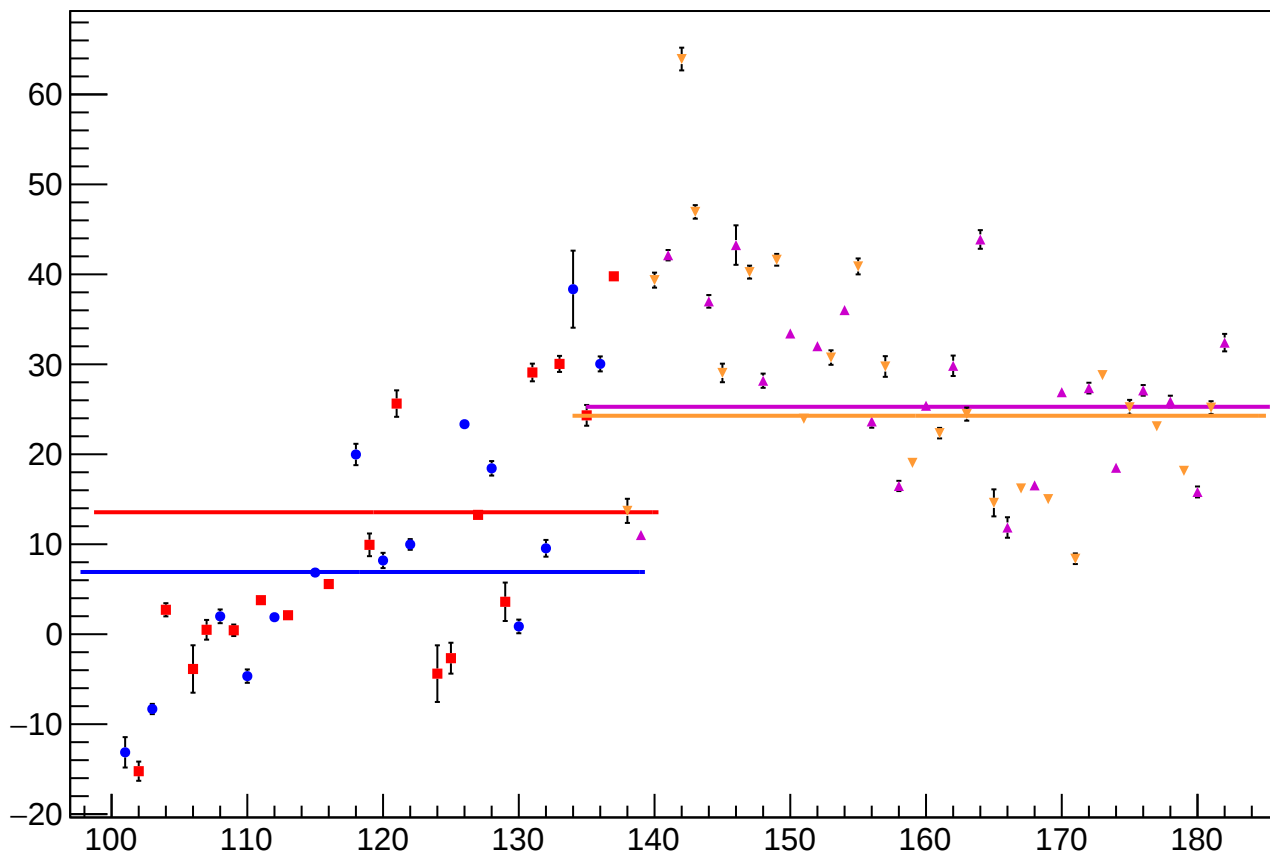
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.906 $\pm$ 0.007 χ^2 /NDF:352241.7/36

Out: 27.662 $\pm$ 0.007 χ^2 /NDF:700425.7/40

All: 28.268 $\pm$ 0.005 χ^2 /NDF: 1067348.7/77

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.283 ± 0.128 $\chi^2/\text{NDF}: 6129.1/22$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.279 ± 0.114 $\chi^2/\text{NDF}: 6121.5/21$

Left: 24.842 ± 0.085 $\chi^2/\text{NDF}: 12284.3/44$

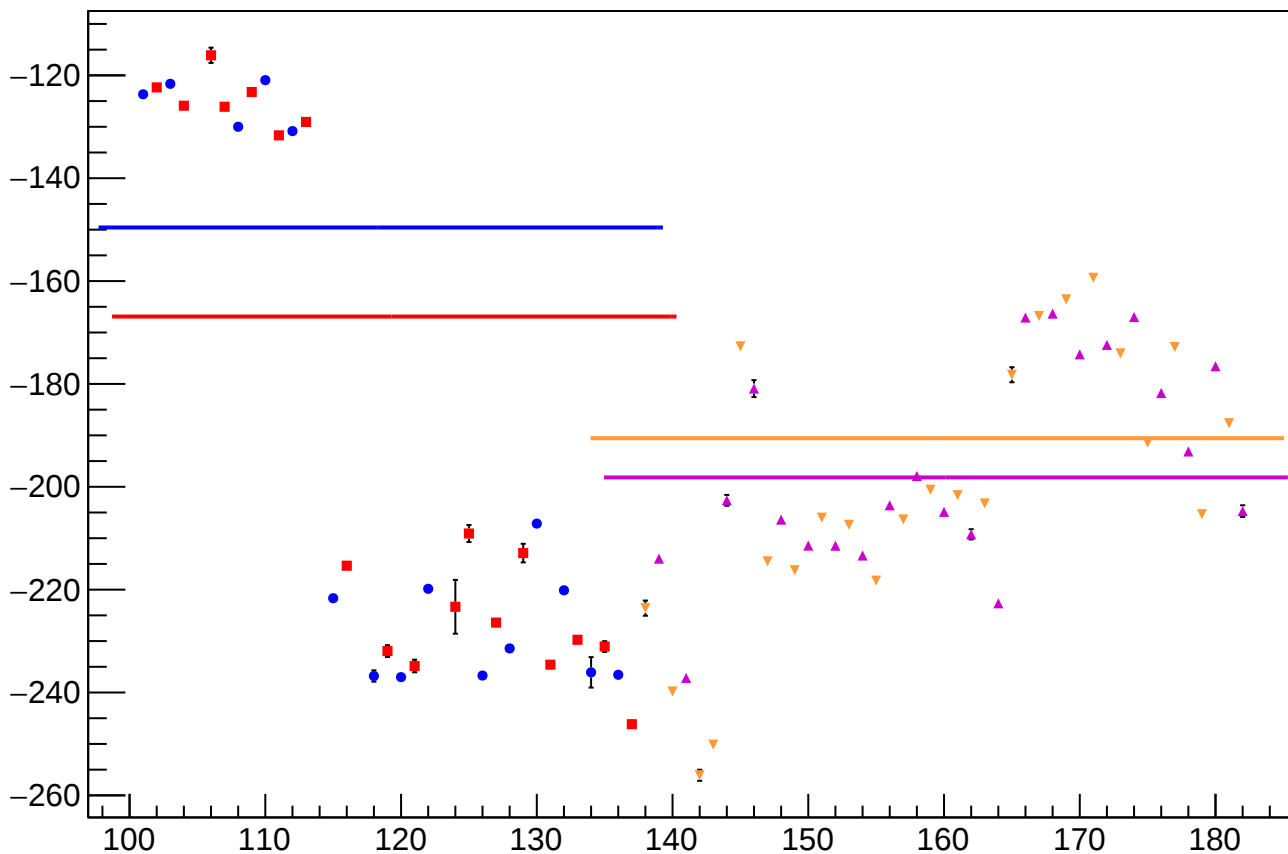
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.905 ± 0.096 $\chi^2/\text{NDF}: 17277.1/36$

Out: 19.568 ± 0.096 $\chi^2/\text{NDF}: 20850.3/40$

All: 19.738 ± 0.068 $\chi^2/\text{NDF}: 38133.6/77$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2/NDF : 195091.5/14

Left Out: -190.551 $\pm$ 0.104 χ^2/NDF : 50636.9/22

Right Out: -166.899 $\pm$ 0.101 χ^2/NDF : 295489.9/17

Left In: -198.182 $\pm$ 0.099 χ^2/NDF : 42023.8/21

Left: -194.567 $\pm$ 0.072 χ^2/NDF : 95494.0/44

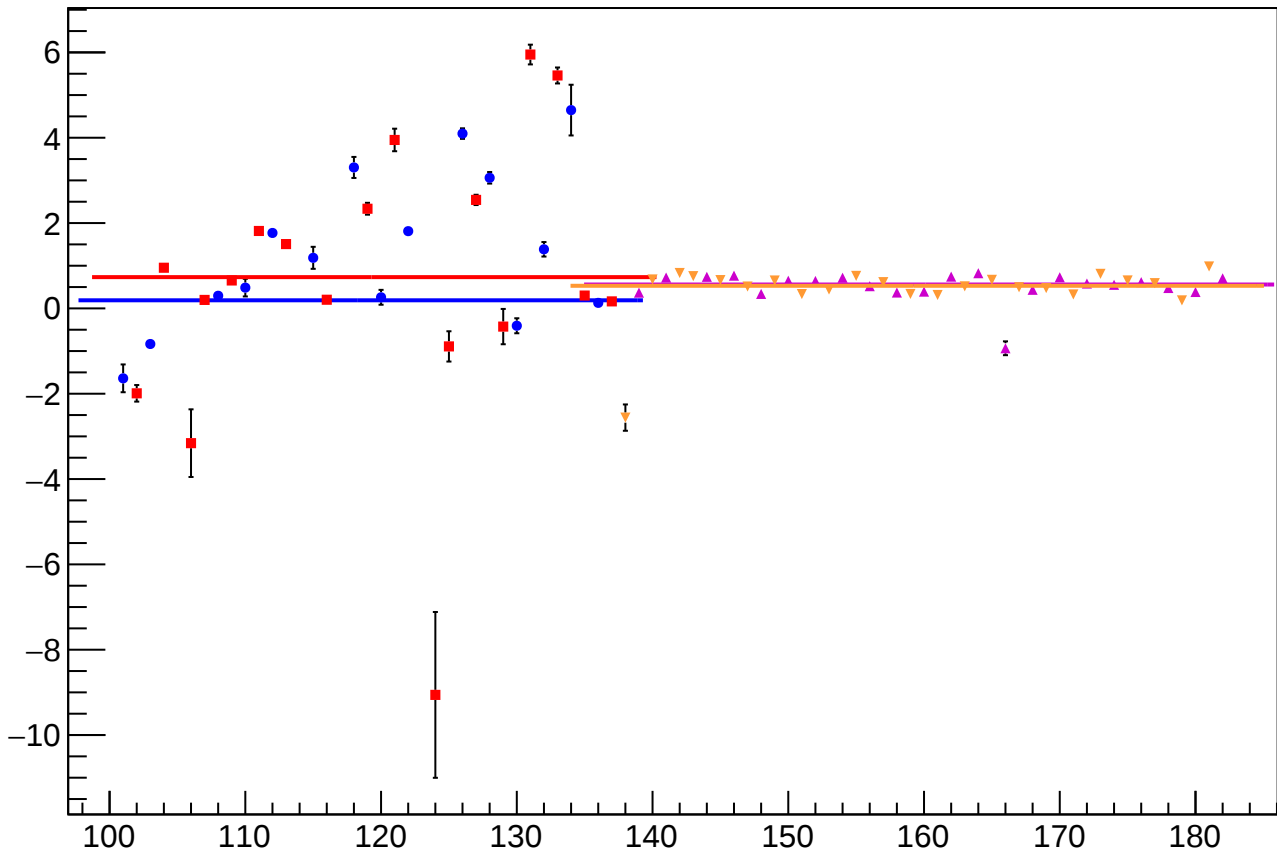
Right: -158.264 $\pm$ 0.071 χ^2/NDF : 505360.9/32

In: -174.415 $\pm$ 0.071 χ^2/NDF : 355739.0/36

Out: -178.332 $\pm$ 0.072 χ^2/NDF : 372851.6/40

All: -176.325 $\pm$ 0.050 χ^2/NDF : 730094.1/77

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:8551.3/22

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.559 $\pm$ 0.002 χ^2 /NDF:5569.4/21

Left: 0.546 $\pm$ 0.001 χ^2 /NDF: 14227.4/44

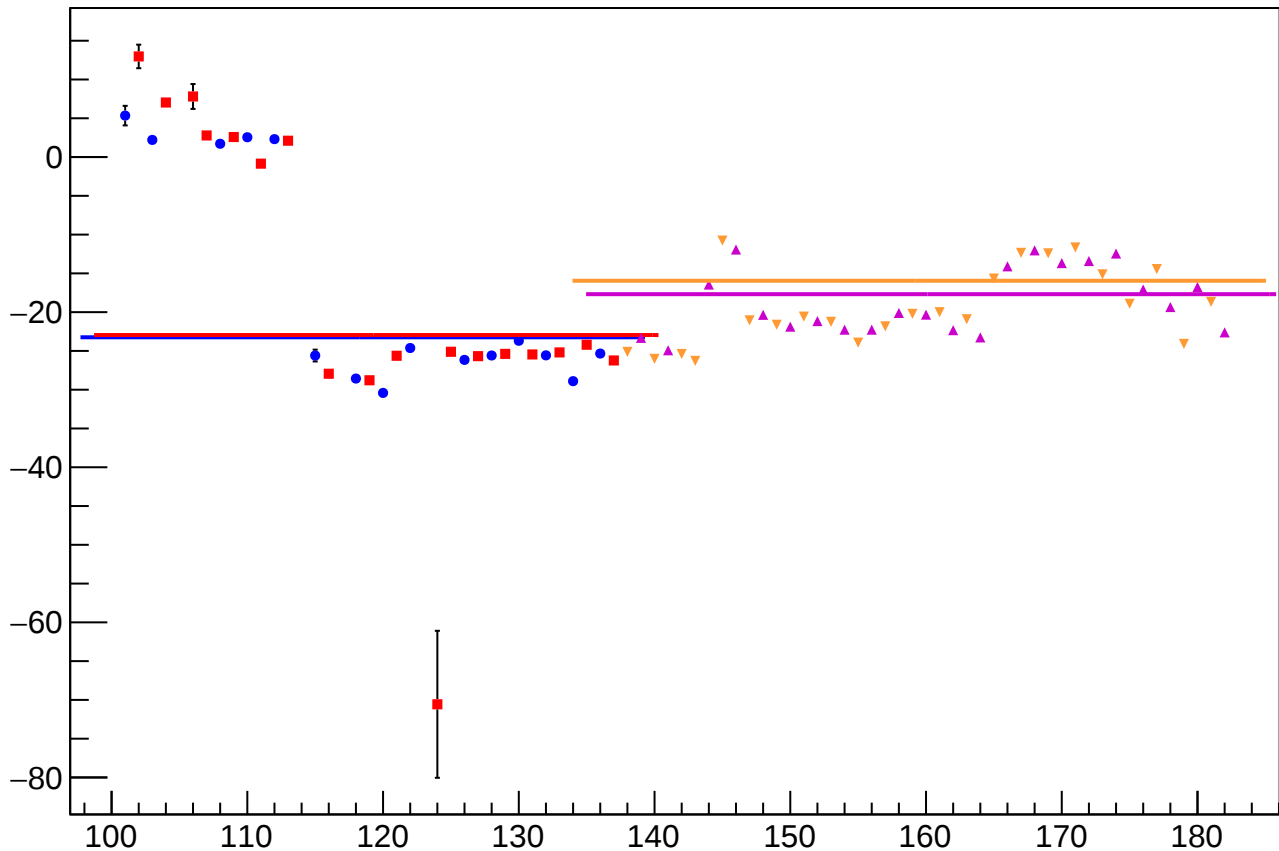
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.541 $\pm$ 0.002 χ^2 /NDF:10050.6/36

Out: 0.532 $\pm$ 0.002 χ^2 /NDF:11322.5/40

All: 0.537 $\pm$ 0.001 χ^2 /NDF: 21384.1/77

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.950 ± 0.011 $\chi^2/\text{NDF}: 188118.8/22$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.682 ± 0.012 $\chi^2/\text{NDF}: 120888.4/21$

Left: -16.766 ± 0.008 $\chi^2/\text{NDF}: 320557.3/44$

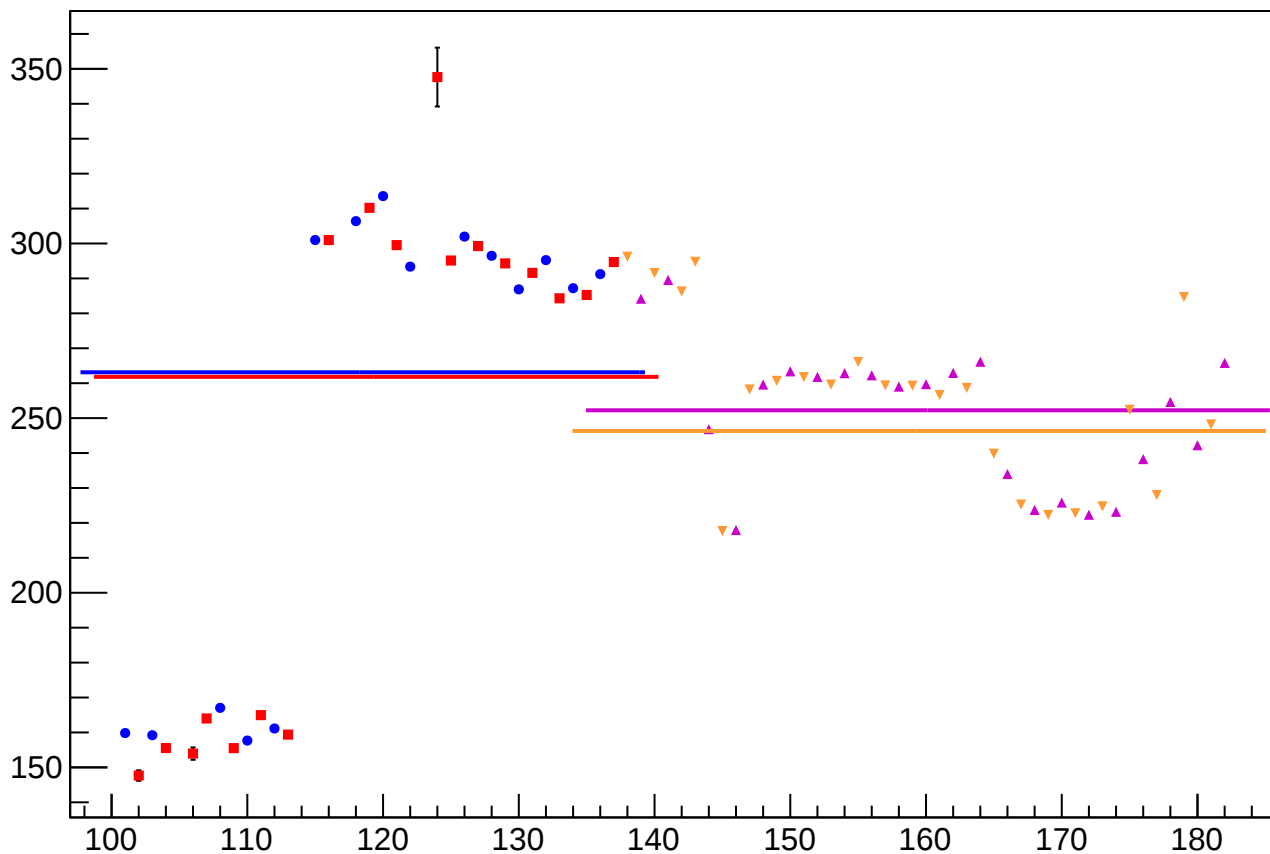
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.699 ± 0.011 $\chi^2/\text{NDF}: 265167.9/36$

Out: -17.121 ± 0.010 $\chi^2/\text{NDF}: 363111.4/40$

All: -17.872 ± 0.007 $\chi^2/\text{NDF}: 639908.1/77$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.312 $\pm$ 0.028 χ^2 /NDF: 684669.9/22

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.242 $\pm$ 0.028 χ^2 /NDF: 358487.0/21

Left: 249.264 $\pm$ 0.020 χ^2 /NDF: 1064960.6/44

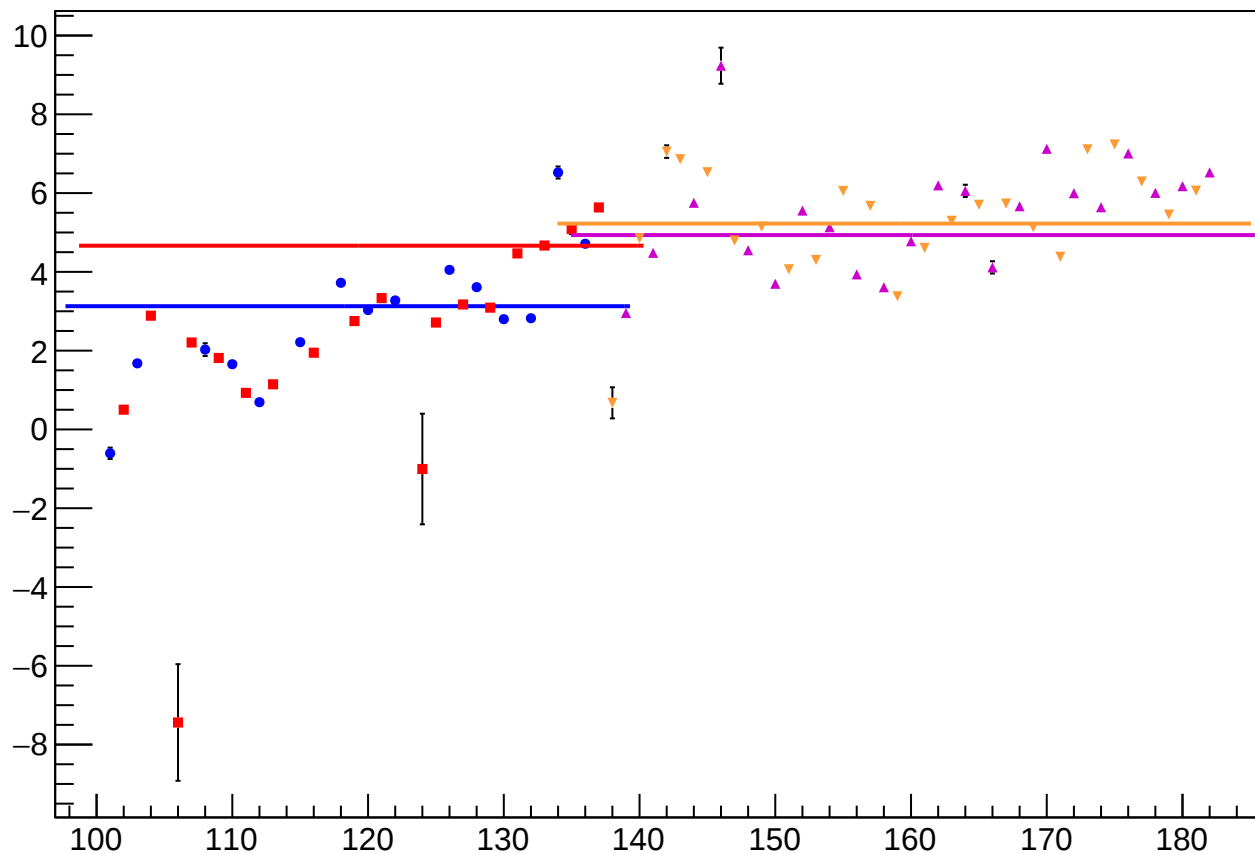
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.820 $\pm$ 0.026 χ^2 /NDF: 1072576.5/36

Out: 249.105 $\pm$ 0.026 χ^2 /NDF: 1744795.7/40

All: 251.403 $\pm$ 0.018 χ^2 /NDF: 2833837.2/77

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.226 $\pm$ 0.014 χ^2 /NDF: 4505.3/22

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.934 $\pm$ 0.013 χ^2 /NDF: 10567.4/21

Left: 5.069 $\pm$ 0.009 χ^2 /NDF: 15312.2/44

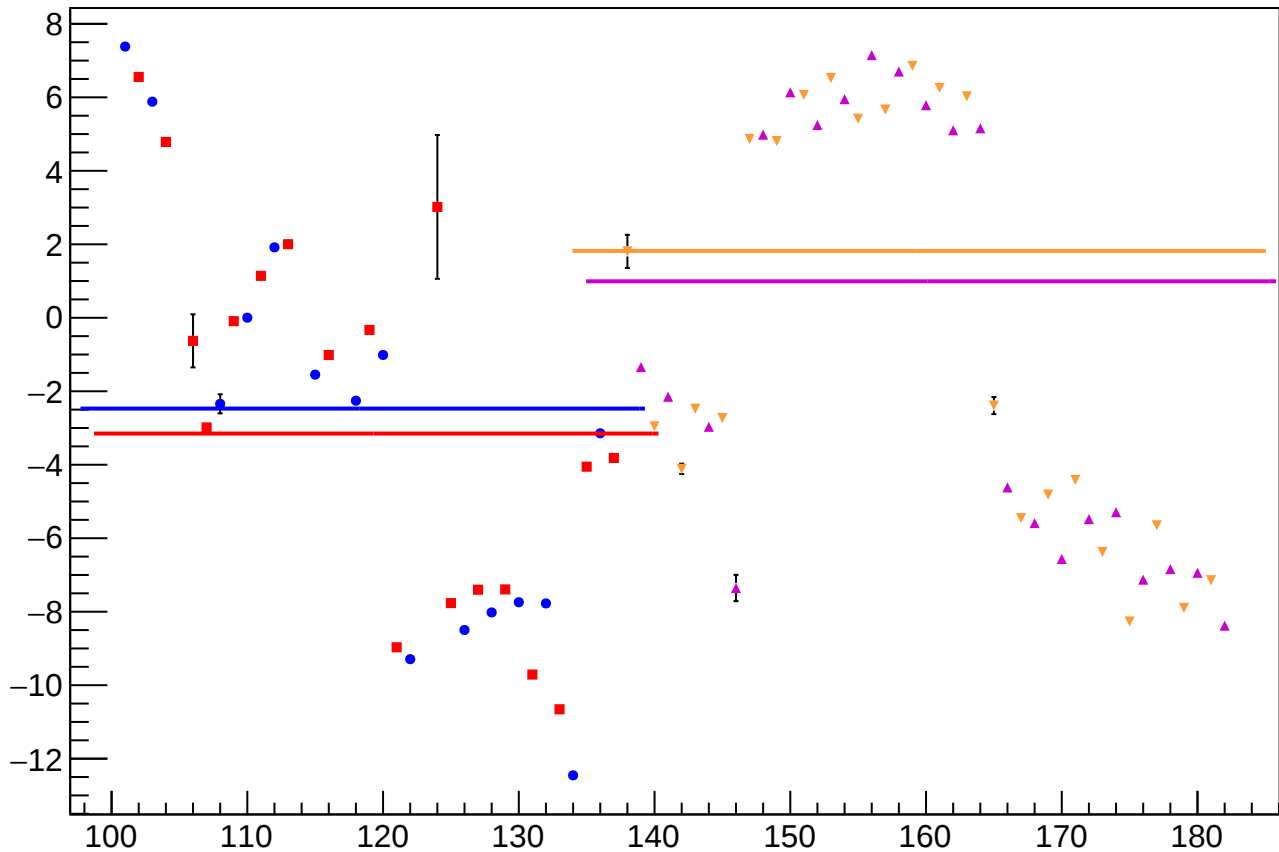
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 4.216 $\pm$ 0.010 χ^2 /NDF: 24142.1/36

Out: 4.762 $\pm$ 0.006 χ^2 /NDF: 72728.0/40

All: 4.624 $\pm$ 0.005 χ^2 /NDF: 99130.2/77

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 1.820 ± 0.012 χ^2/NDF : 209601.0/22

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 0.993 ± 0.011 χ^2/NDF : 250342.2/21

Left: 1.391 ± 0.008 χ^2/NDF : 462592.7/44

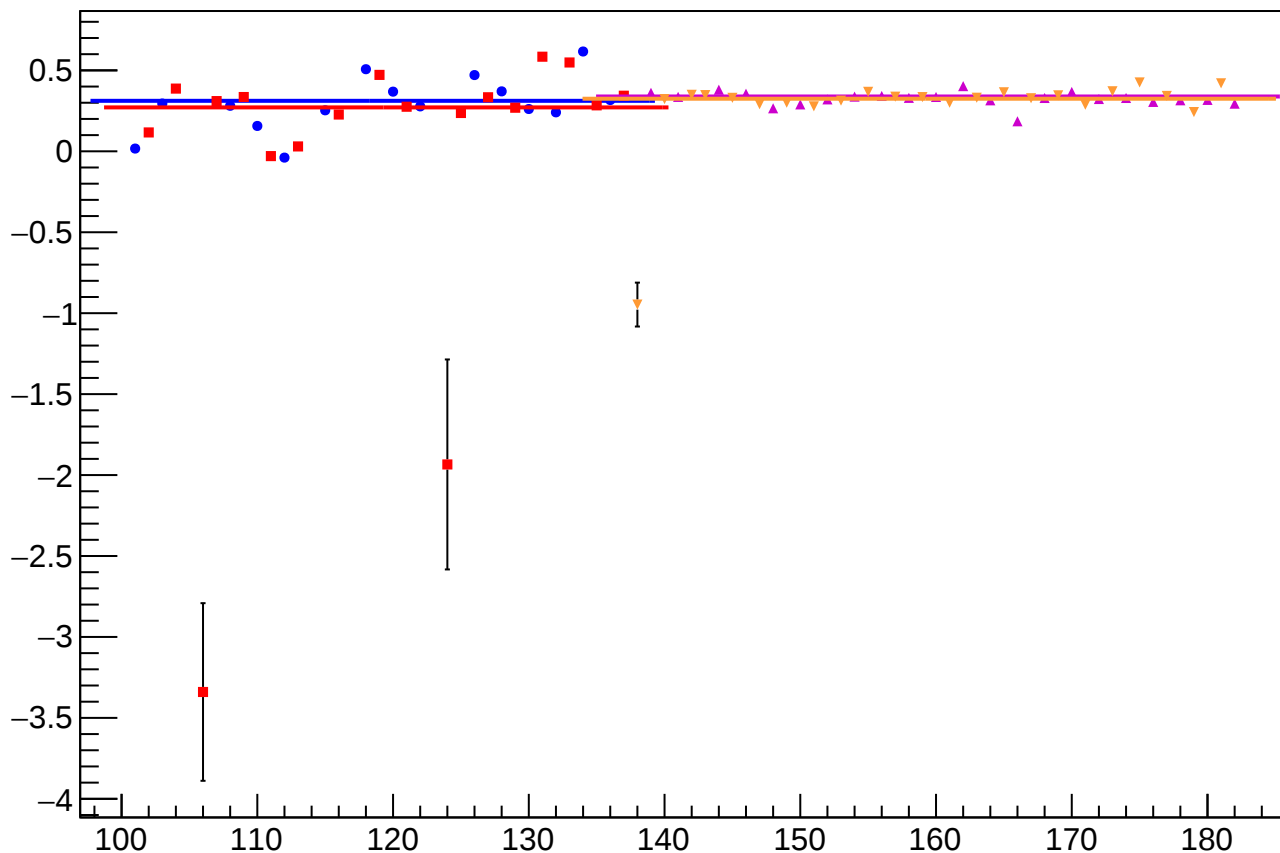
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.340 ± 0.009 χ^2/NDF : 530020.5/36

Out: -1.699 ± 0.006 χ^2/NDF : 587699.6/40

All: -1.239 ± 0.005 χ^2/NDF : 1133680.7/77

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2870.3/22$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 3470.9/21$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 6641.5/44$

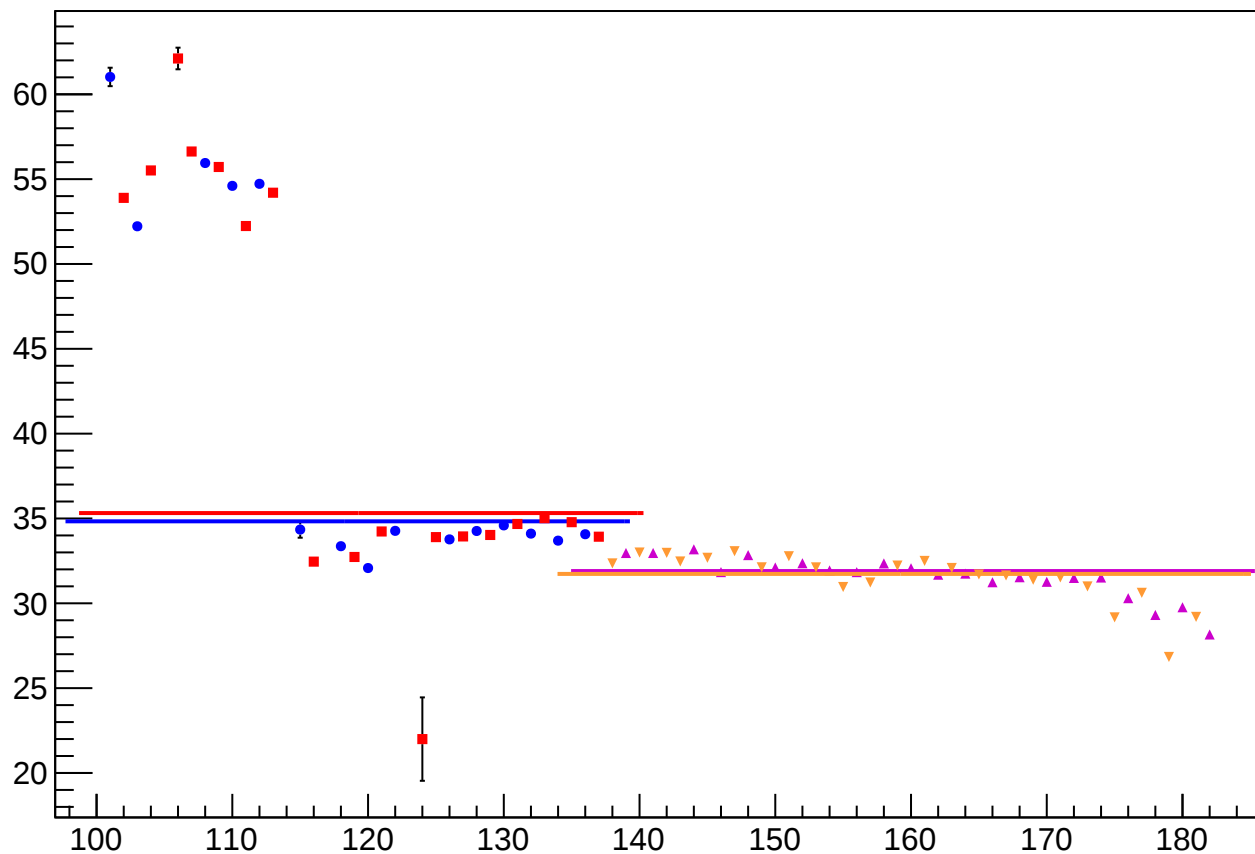
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5159.2/36$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9614.6/40$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 15098.1/77$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.732 $\pm$ 0.003 χ^2 /NDF: 64567.1/22

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.901 $\pm$ 0.004 χ^2 /NDF: 27986.1/21

Left: 31.806 $\pm$ 0.002 χ^2 /NDF: 93766.8/44

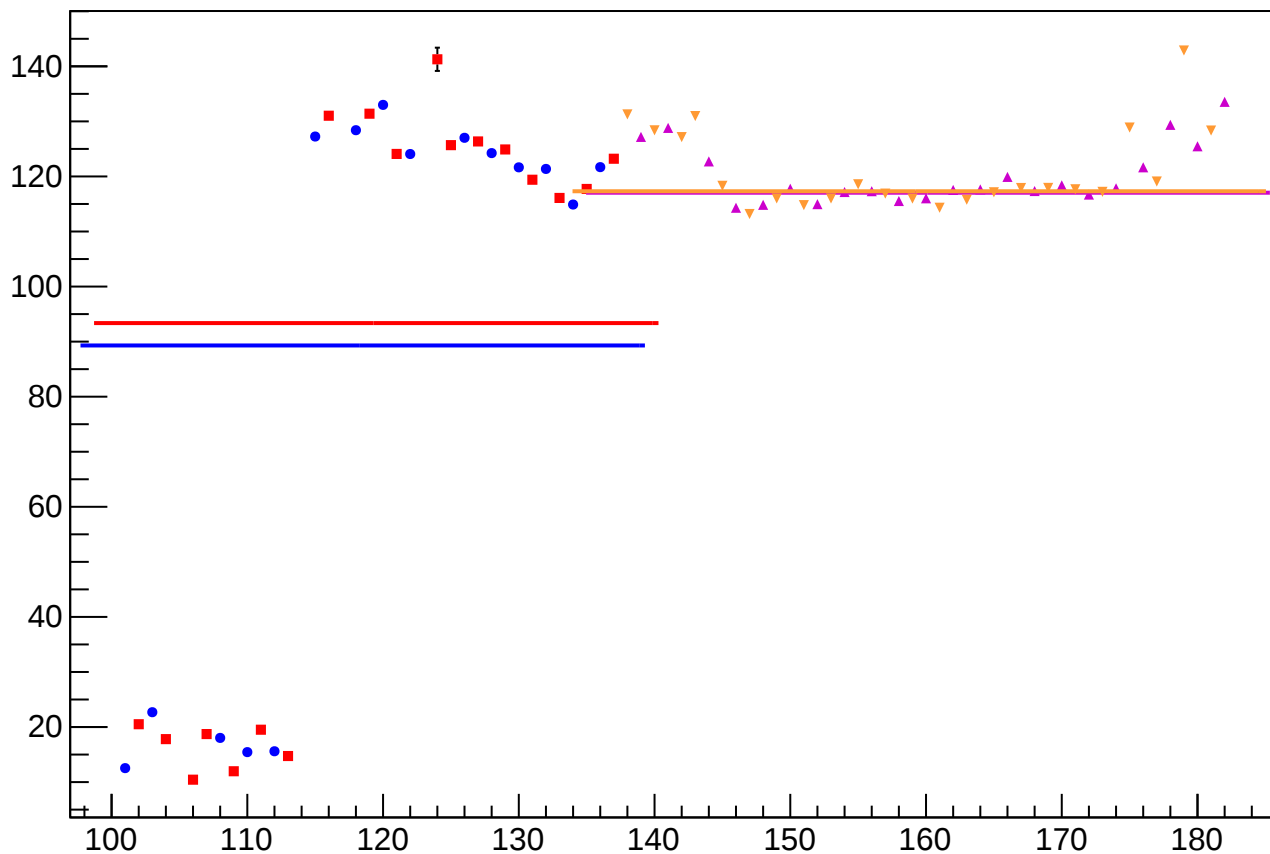
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.342 $\pm$ 0.003 χ^2 /NDF: 371724.1/36

Out: 32.069 $\pm$ 0.003 χ^2 /NDF: 443746.3/40

All: 32.193 $\pm$ 0.002 χ^2 /NDF: 819126.4/77

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.310 ± 0.008 $\chi^2/\text{NDF}: 152457.6/22$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 117.046 ± 0.009 $\chi^2/\text{NDF}: 57189.9/21$

Left: 117.190 ± 0.006 $\chi^2/\text{NDF}: 210142.4/44$

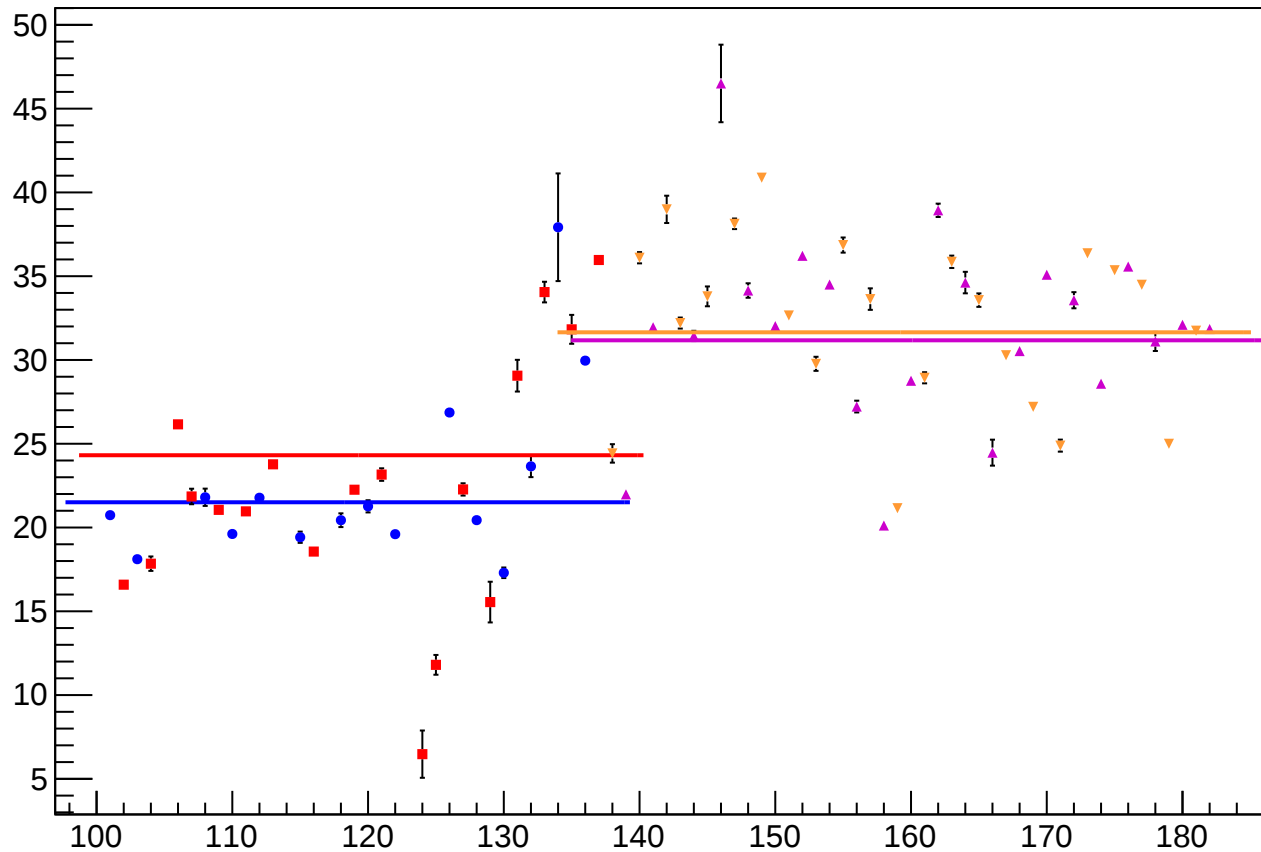
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.477 ± 0.008 $\chi^2/\text{NDF}: 4019431.2/36$

Out: 115.719 ± 0.008 $\chi^2/\text{NDF}: 3601898.9/40$

All: 115.147 ± 0.006 $\chi^2/\text{NDF}: 7633269.6/77$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.651 $\pm$ 0.063 χ^2 /NDF:6068.8/22

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.173 $\pm$ 0.058 χ^2 /NDF:5934.2/21

Left: 31.390 $\pm$ 0.043 χ^2 /NDF: 12034.2/44

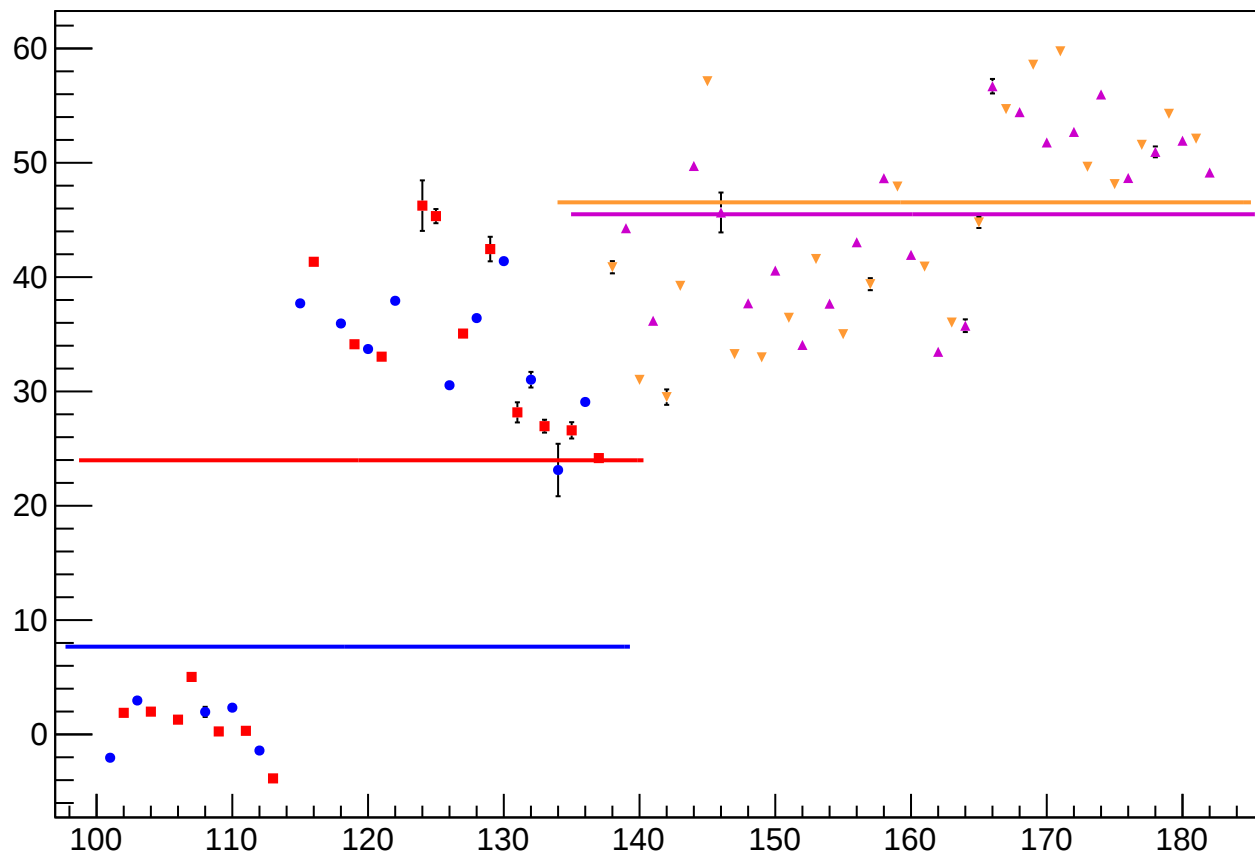
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.415 $\pm$ 0.045 χ^2 /NDF:19815.7/36

Out: 27.692 $\pm$ 0.043 χ^2 /NDF:27613.8/40

All: 27.560 $\pm$ 0.031 χ^2 /NDF: 47449.3/77

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.541 ± 0.053 $\chi^2/\text{NDF}: 26287.3/22$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.498 ± 0.049 $\chi^2/\text{NDF}: 18902.6/21$

Left: 45.986 ± 0.036 $\chi^2/\text{NDF}: 45398.5/44$

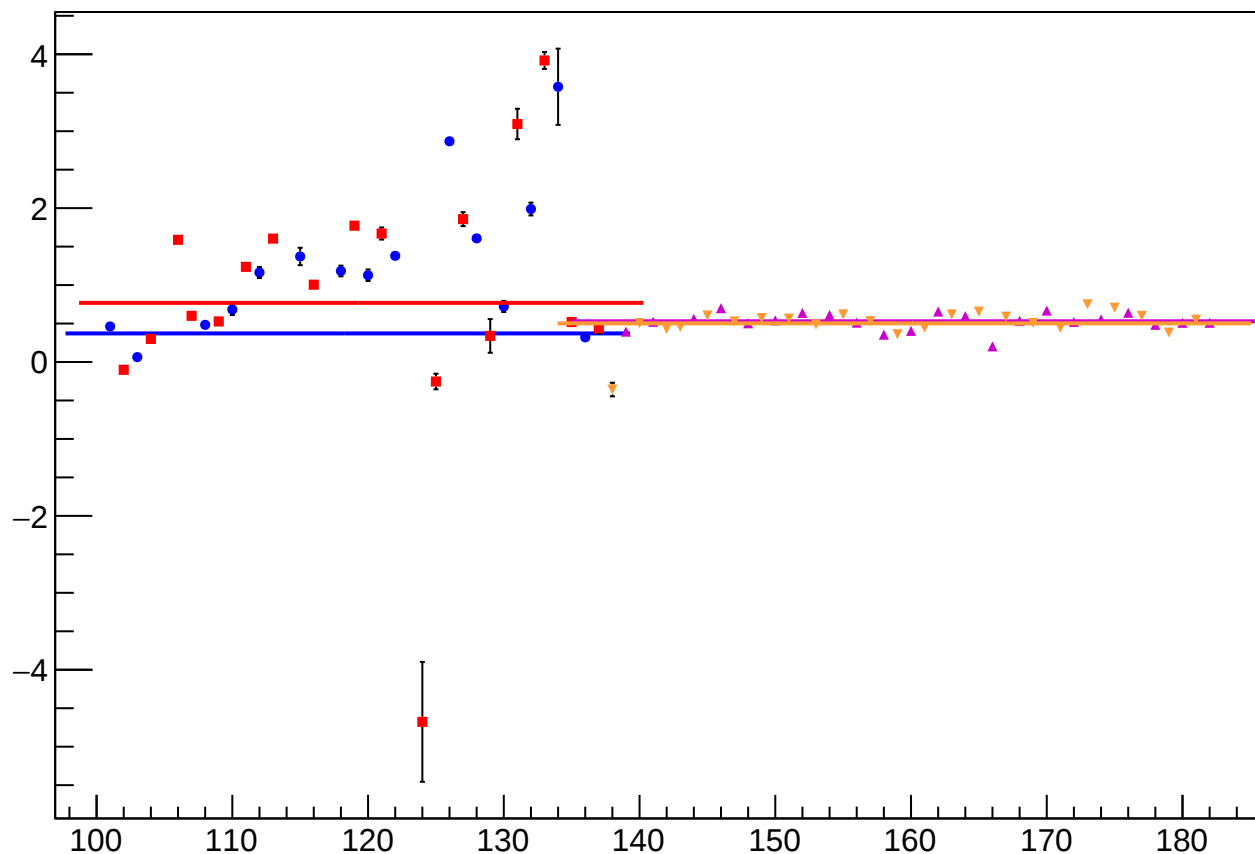
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.928 ± 0.033 $\chi^2/\text{NDF}: 434245.7/36$

Out: 24.508 ± 0.008 $\chi^2/\text{NDF}: 315963.5/40$

All: 24.532 ± 0.008 $\chi^2/\text{NDF}: 750358.3/77$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.502 $\pm$ 0.001 χ^2 /NDF:15163.1/22

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.529 $\pm$ 0.001 χ^2 /NDF:12521.4/21

Left: 0.518 $\pm$ 0.001 χ^2 /NDF: 28146.8/44

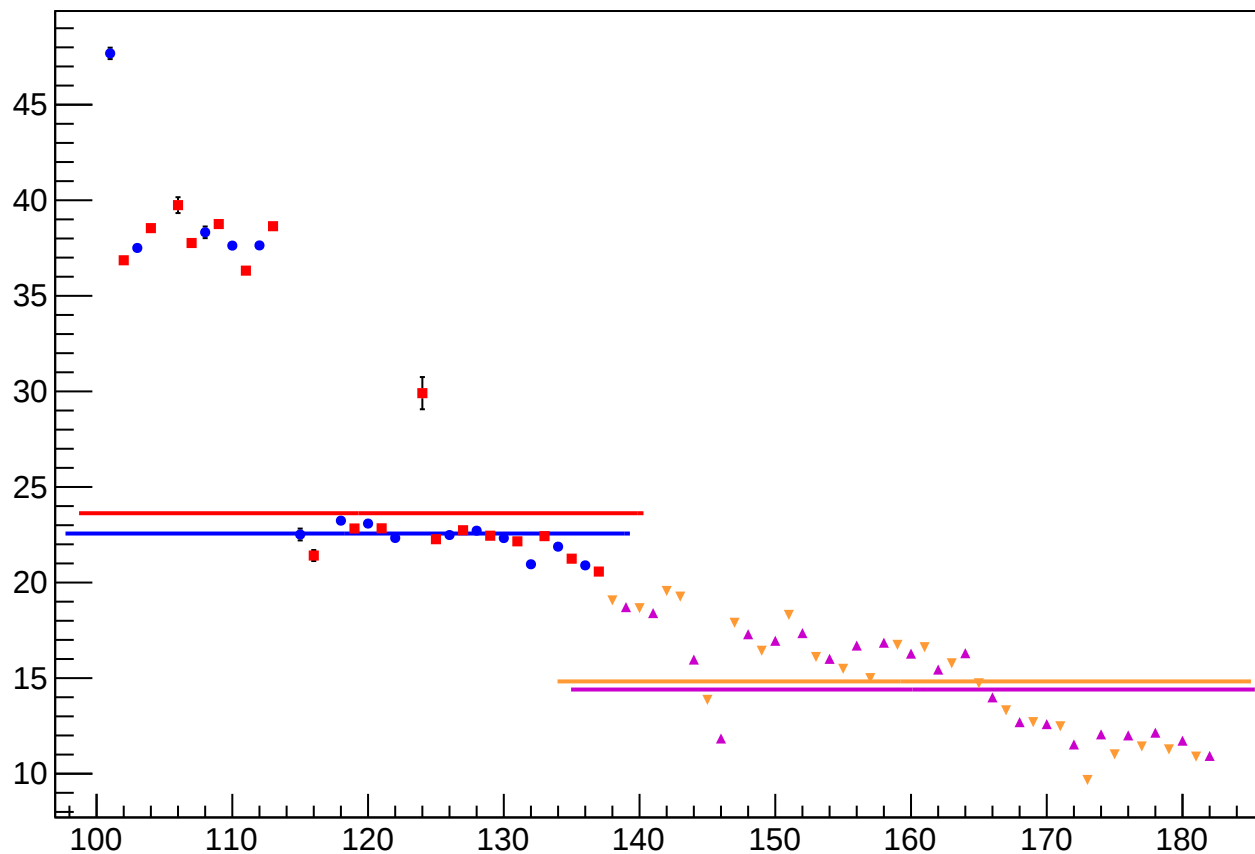
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.524 $\pm$ 0.001 χ^2 /NDF:18535.3/36

Out: 0.507 $\pm$ 0.001 χ^2 /NDF:20749.9/40

All: 0.517 $\pm$ 0.001 χ^2 /NDF: 39467.3/77

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 14.828+/-0.005 χ^2/NDF : 297177.9/22

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 14.403+/-0.006 χ^2/NDF : 204146.0/21

Left: 14.622+/-0.004 χ^2/NDF : 504355.6/44

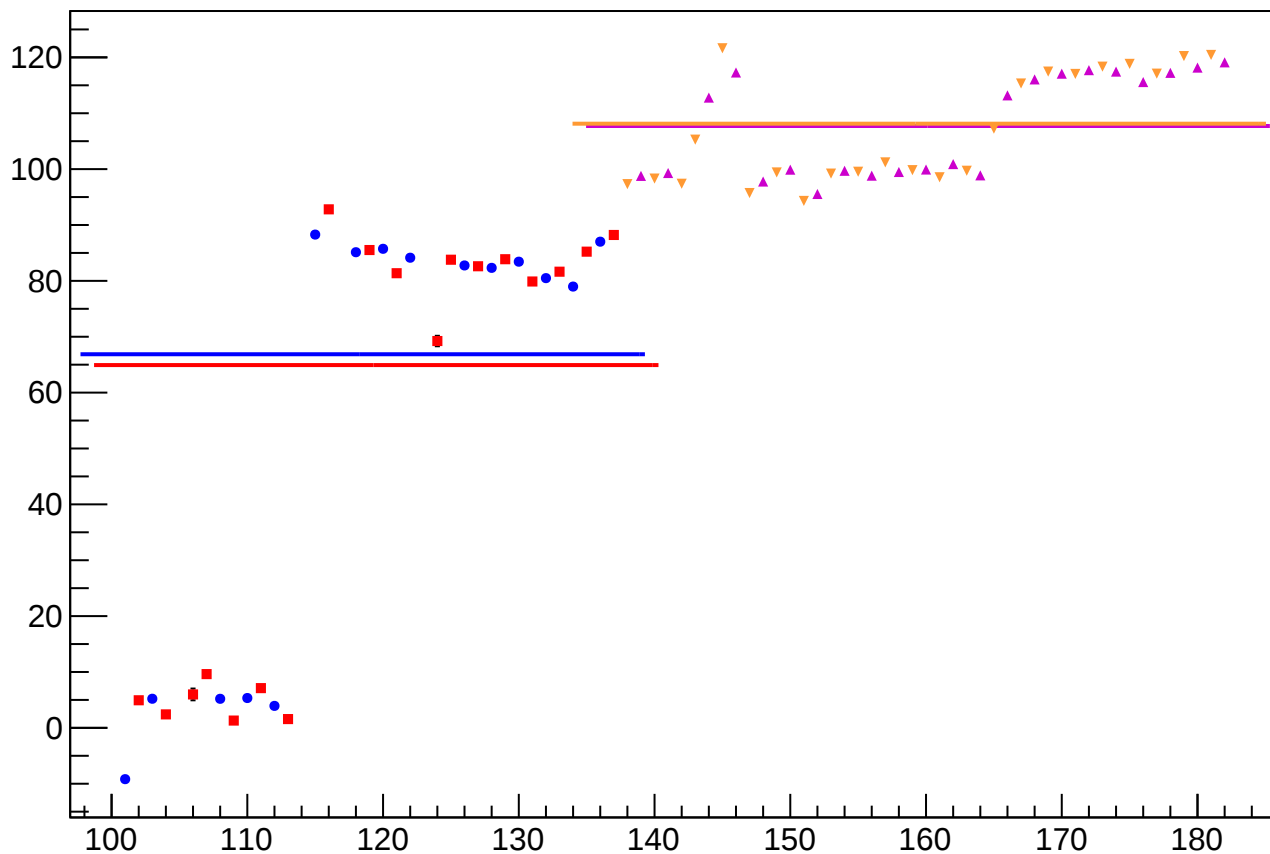
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 16.263+/-0.005 χ^2/NDF : 793903.5/36

Out: 16.470+/-0.005 χ^2/NDF : 920475.4/40

All: 16.367+/-0.003 χ^2/NDF : 1715283.4/77

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 108.131 $\pm$ 0.010 χ^2 /NDF: 960443.9/22

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 107.719 $\pm$ 0.010 χ^2 /NDF: 898602.0/21

Left: 107.920 $\pm$ 0.007 χ^2 /NDF: 1859934.6/44

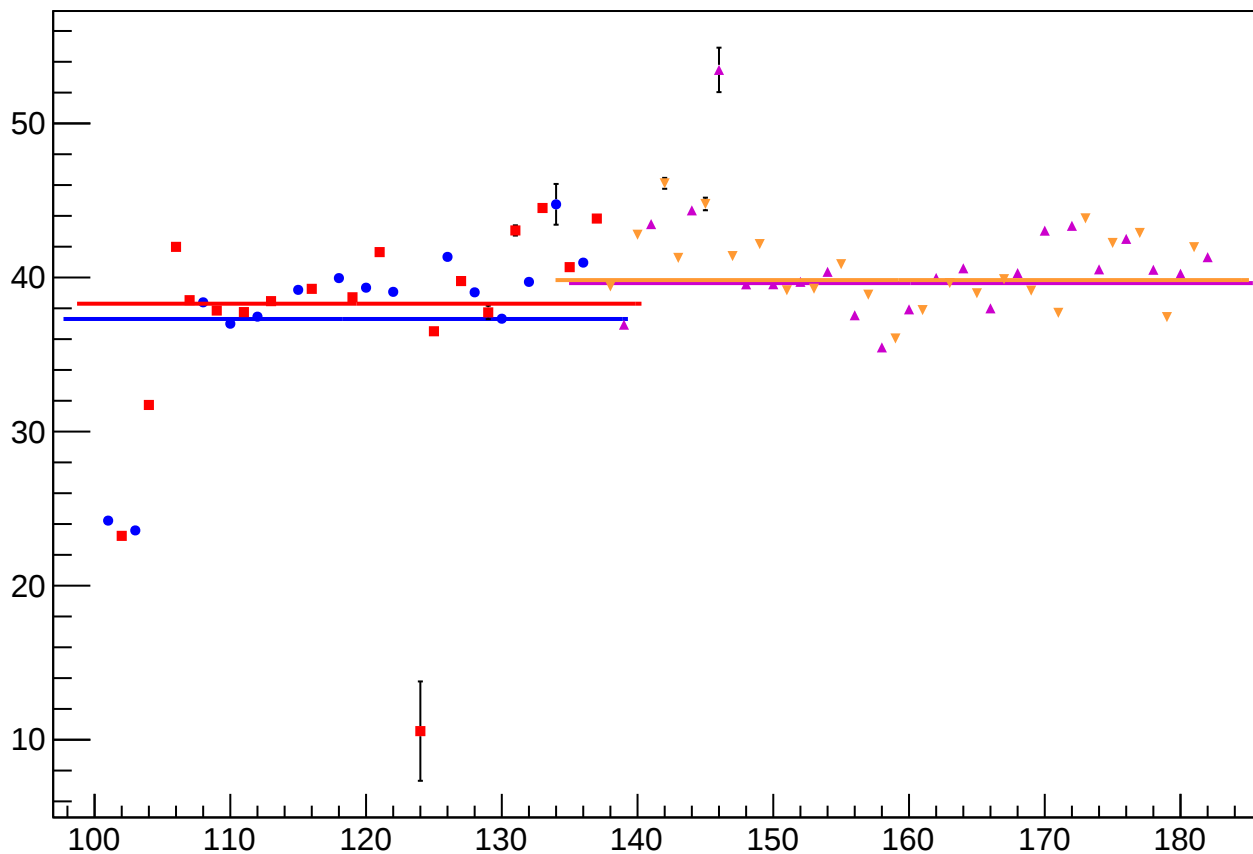
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 103.115 $\pm$ 0.009 χ^2 /NDF: 4415173.6/36

Out: 103.848 $\pm$ 0.009 χ^2 /NDF: 4197564.3/40

All: 103.470 $\pm$ 0.007 χ^2 /NDF: 8615894.2/77

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.832 $\pm$ 0.028 χ^2 /NDF: 6855.1/22

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.637 $\pm$ 0.023 χ^2 /NDF: 8730.6/21

Left: 39.717 $\pm$ 0.018 χ^2 /NDF: 15614.9/44

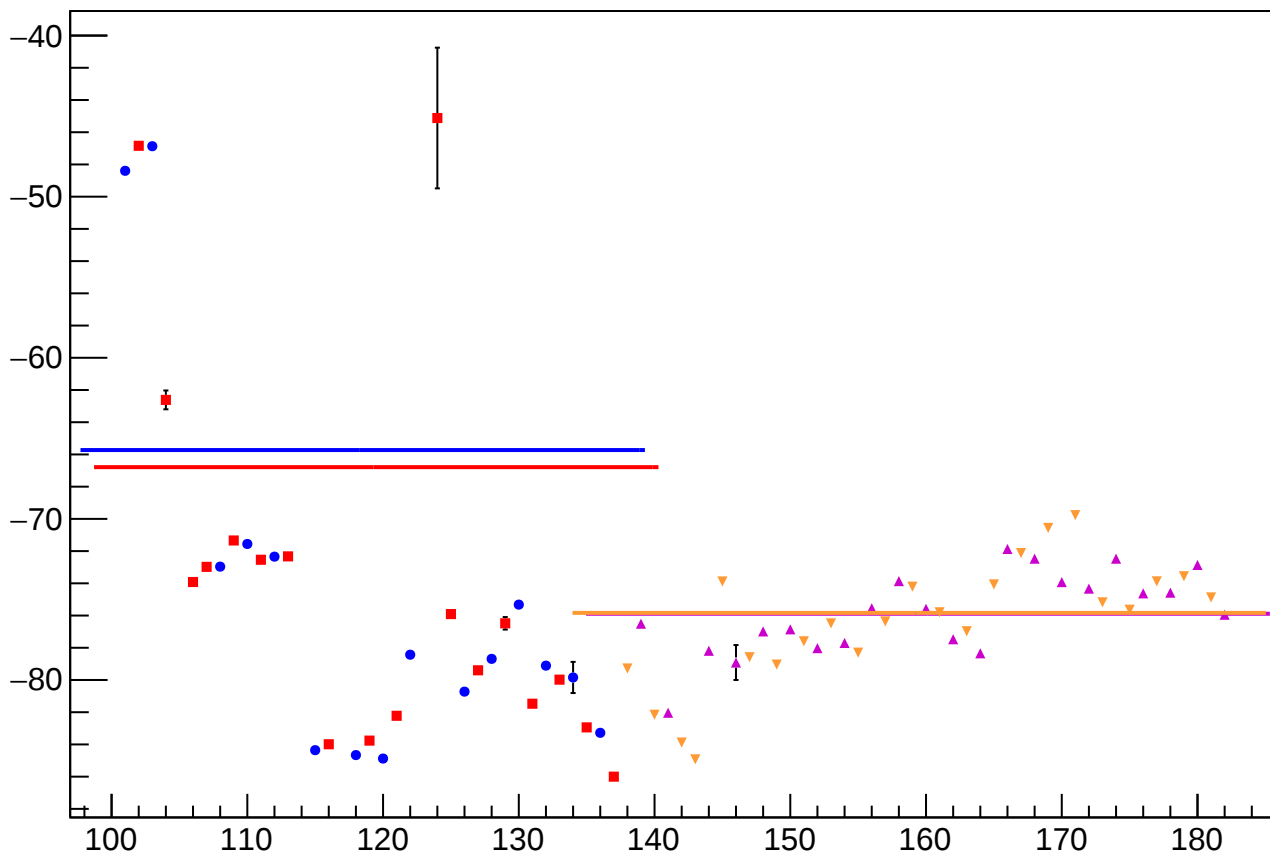
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 38.469 $\pm$ 0.016 χ^2 /NDF: 73387.1/36

Out: 38.842 $\pm$ 0.016 χ^2 /NDF: 27668.7/40

All: 38.654 $\pm$ 0.012 χ^2 /NDF: 101313.9/77

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -75.834 ± 0.022 $\chi^2/\text{NDF}: 23517.7/22$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -75.888 ± 0.019 $\chi^2/\text{NDF}: 11925.3/21$

Left: -75.865 ± 0.015 $\chi^2/\text{NDF}: 35446.4/44$

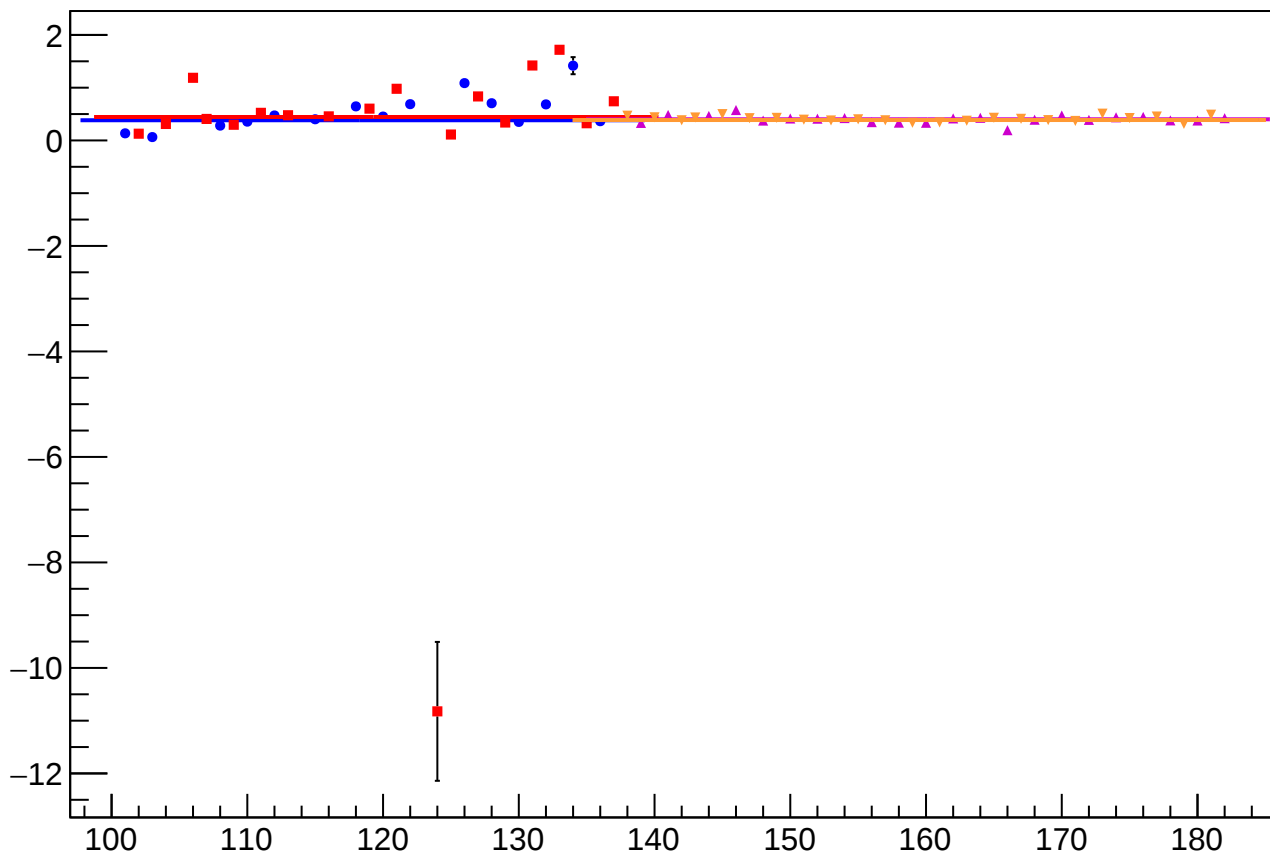
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -70.139 ± 0.013 $\chi^2/\text{NDF}: 1072870.9/36$

Out: -69.826 ± 0.013 $\chi^2/\text{NDF}: 942877.8/40$

All: -69.985 ± 0.009 $\chi^2/\text{NDF}: 2016048.9/77$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.387+/-0.000 χ^2/NDF :10432.4/22

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.401+/-0.000 χ^2/NDF :8532.1/21

Left: 0.394+/-0.000 χ^2/NDF : 19414.4/44

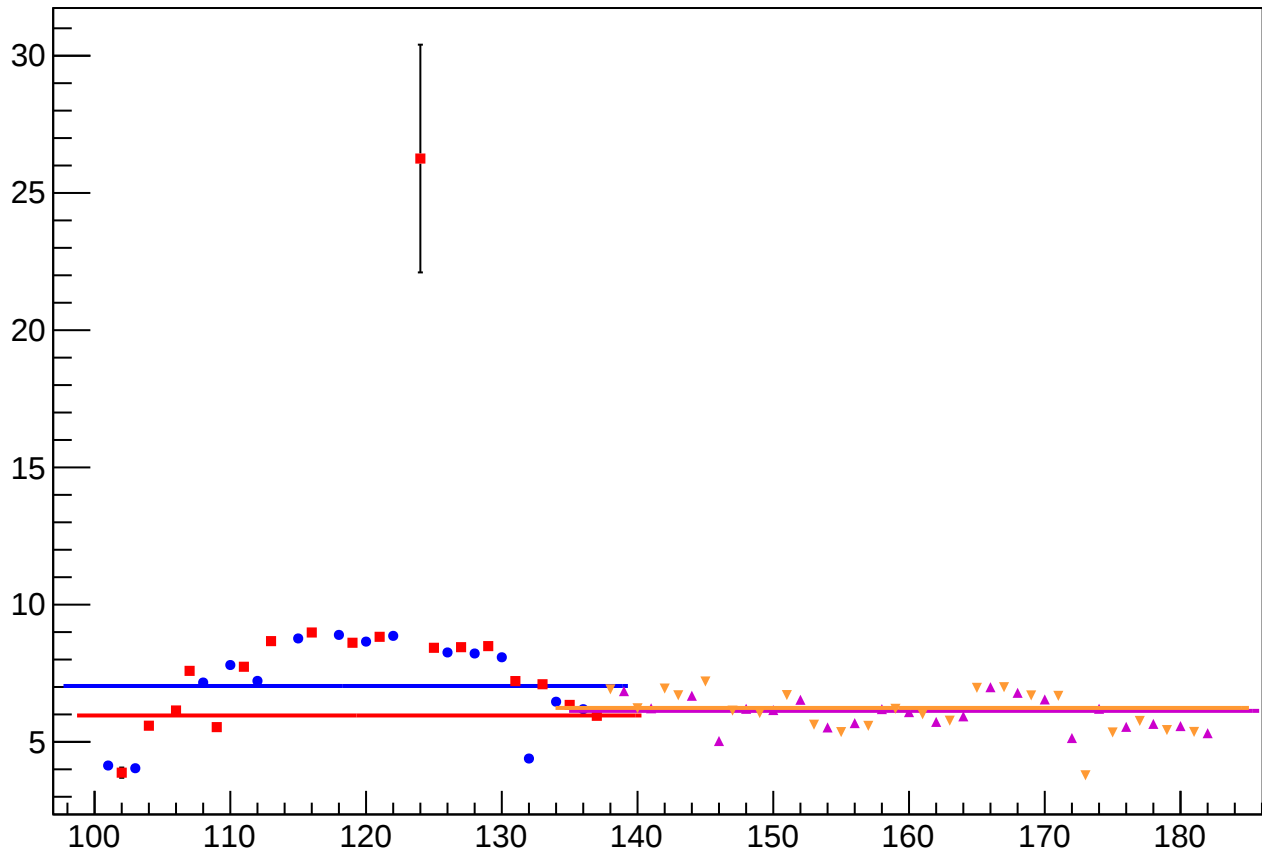
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.400+/-0.000 χ^2/NDF :16794.7/36

Out: 0.388+/-0.000 χ^2/NDF :13459.0/40

All: 0.394+/-0.000 χ^2/NDF : 30597.8/77

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.237+/-0.002 χ^2/NDF : 115861.9/22

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.130+/-0.002 χ^2/NDF : 55690.3/21

Left: 6.183+/-0.001 χ^2/NDF : 174024.8/44

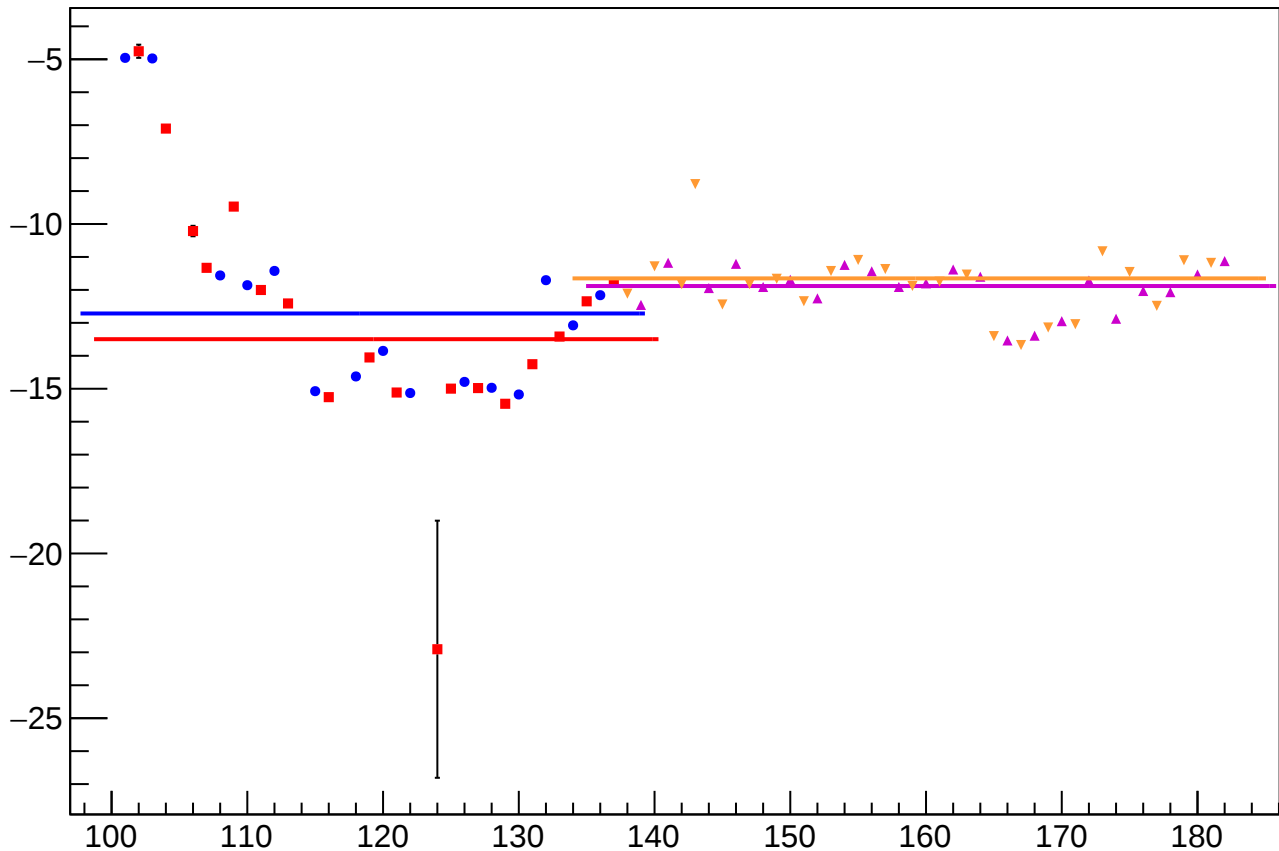
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.221+/-0.001 χ^2/NDF : 161740.4/36

Out: 5.980+/-0.000 χ^2/NDF : 314414.1/40

All: 5.997+/-0.000 χ^2/NDF : 502428.5/77

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.651 ± 0.002 $\chi^2/\text{NDF}: 344020.7/22$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.882 ± 0.002 $\chi^2/\text{NDF}: 66523.4/21$

Left: -11.766 ± 0.001 $\chi^2/\text{NDF}: 416645.0/44$

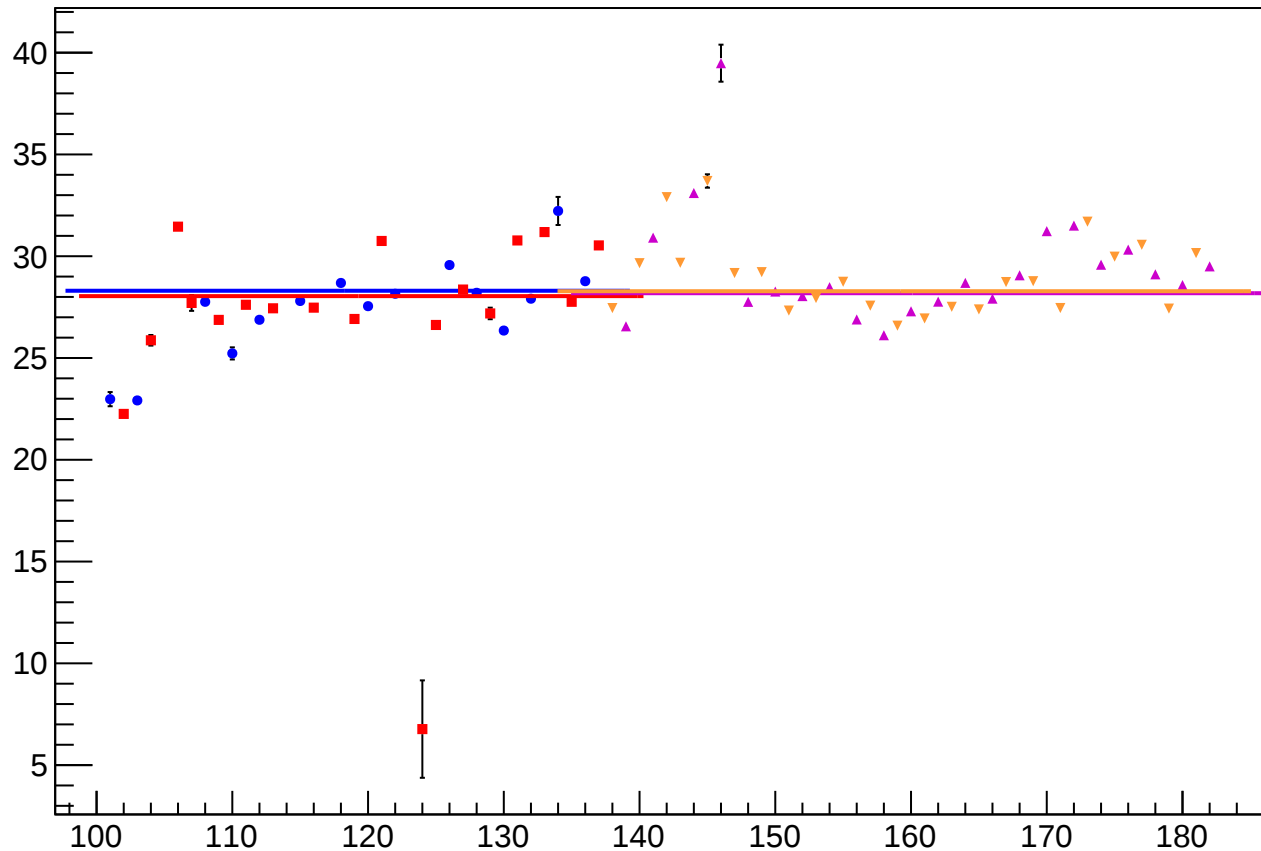
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.964 ± 0.002 $\chi^2/\text{NDF}: 167132.1/36$

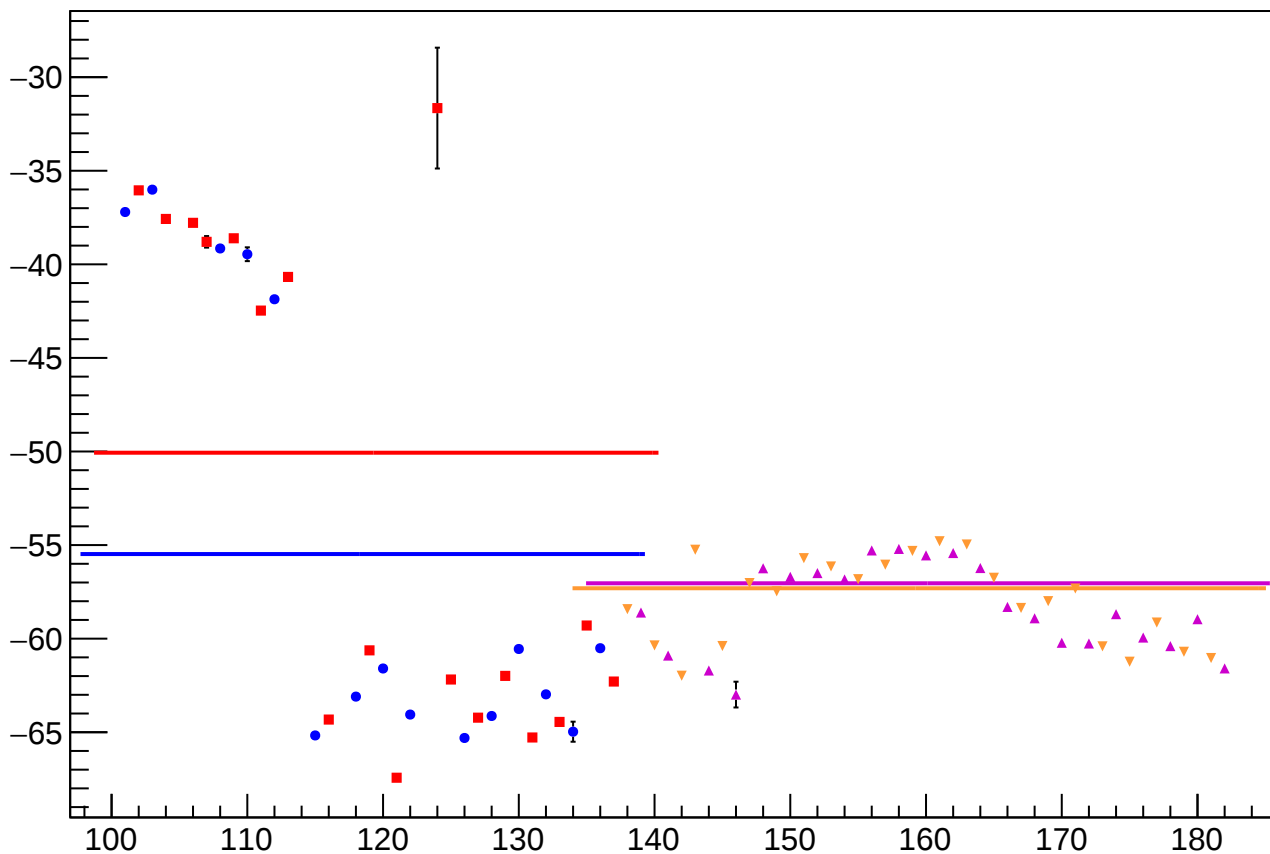
Out: -11.863 ± 0.002 $\chi^2/\text{NDF}: 489016.1/40$

All: -11.913 ± 0.001 $\chi^2/\text{NDF}: 657447.6/77$

dit_sam8_4aX_slope vs Slug, Sign Corrected



dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -57.307 ± 0.015 χ^2/NDF : 22322.2/22

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -57.042 ± 0.013 χ^2/NDF : 19296.1/21

Left: -57.157 ± 0.010 χ^2/NDF : 41806.2/44

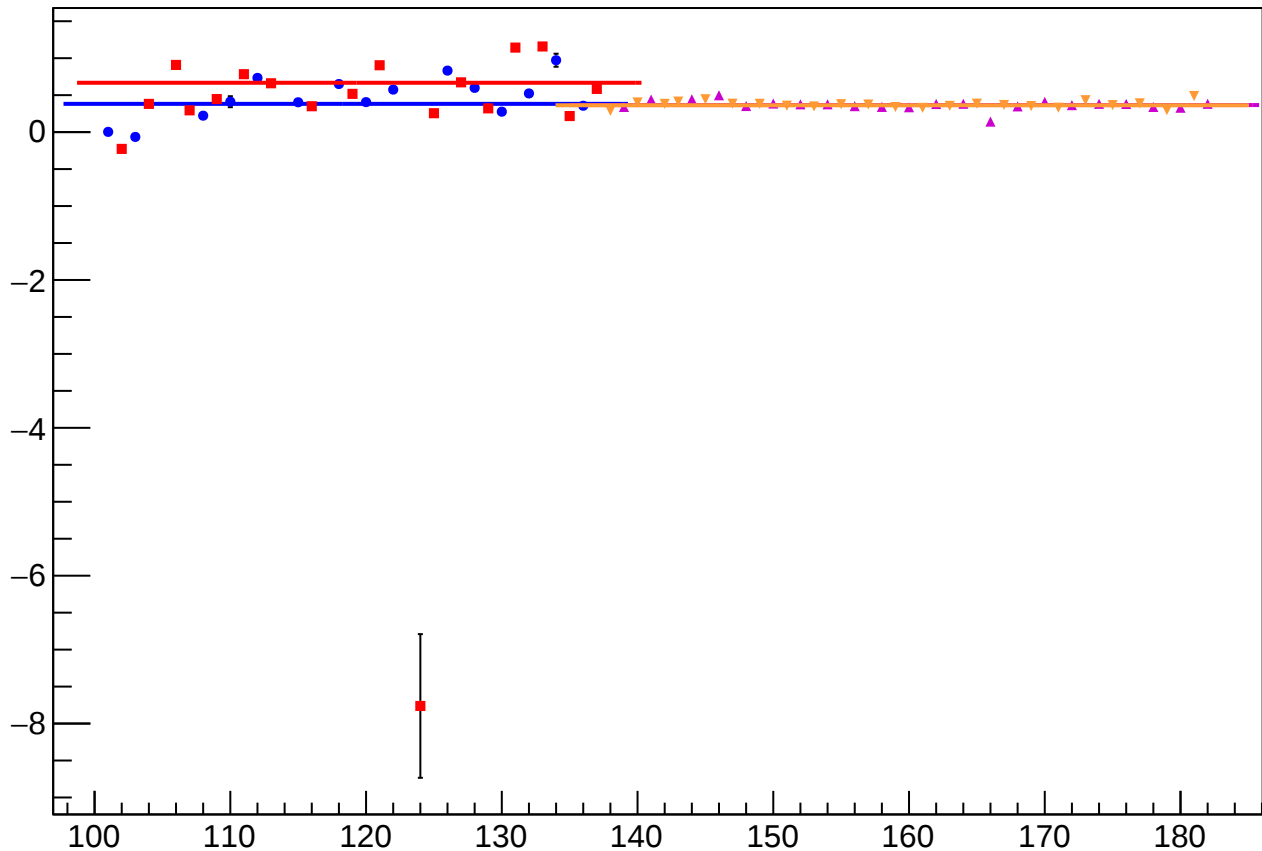
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.460 ± 0.010 χ^2/NDF : 620017.3/36

Out: -55.240 ± 0.012 χ^2/NDF : 432505.5/40

All: -55.971 ± 0.008 χ^2/NDF : 1058364.0/77

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 8196.9/22$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 6048.6/21$

Left: 0.365 ± 0.000 $\chi^2/\text{NDF}: 14277.3/44$

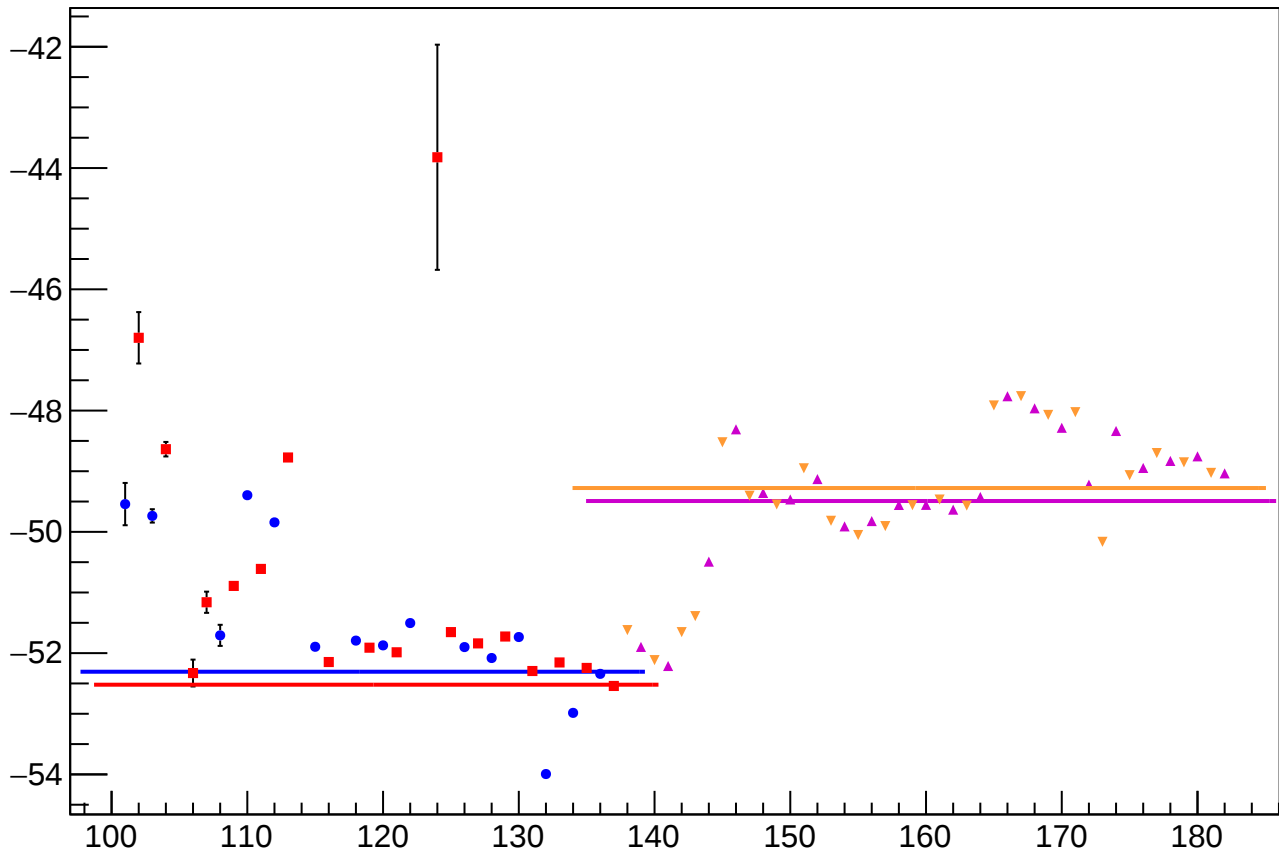
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.367 ± 0.000 $\chi^2/\text{NDF}: 10742.1/36$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 16239.3/40$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 26994.3/77$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.277 ± 0.001 χ^2/NDF : 510702.3/22

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.491 ± 0.001 χ^2/NDF : 430461.3/21

Left: -49.383 ± 0.001 χ^2/NDF : 953030.9/44

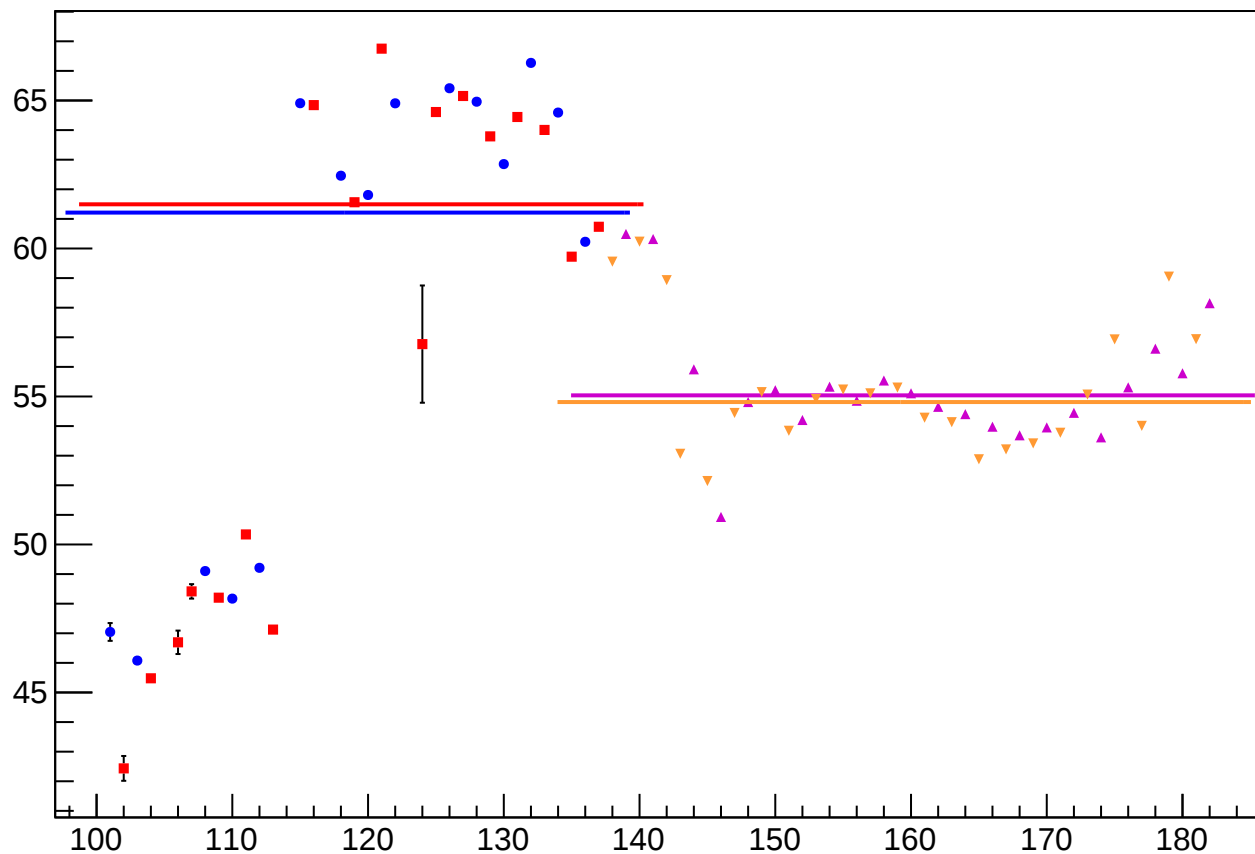
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -49.816 ± 0.001 χ^2/NDF : 921516.4/36

Out: -51.257 ± 0.001 χ^2/NDF : 3894208.5/40

All: -50.825 ± 0.001 χ^2/NDF : 5653374.7/77

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.812 $\pm$ 0.003 χ^2 /NDF: 268720.9/22

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.038 $\pm$ 0.003 χ^2 /NDF: 85514.1/21

Left: 54.936 $\pm$ 0.002 χ^2 /NDF: 357032.1/44

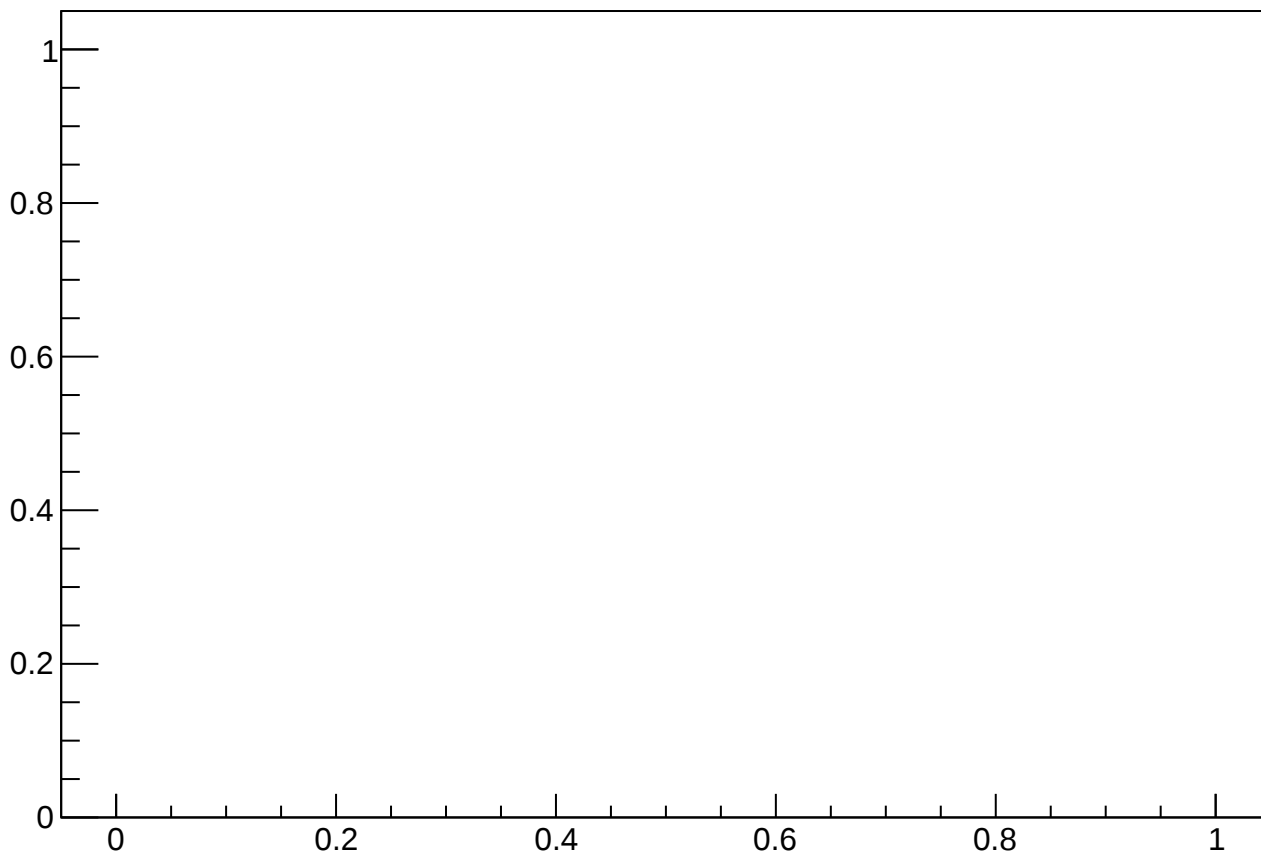
Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.513 $\pm$ 0.003 χ^2 /NDF: 599240.9/36

Out: 56.027 $\pm$ 0.003 χ^2 /NDF: 1321545.0/40

All: 55.760 $\pm$ 0.002 χ^2 /NDF: 1937497.9/77

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

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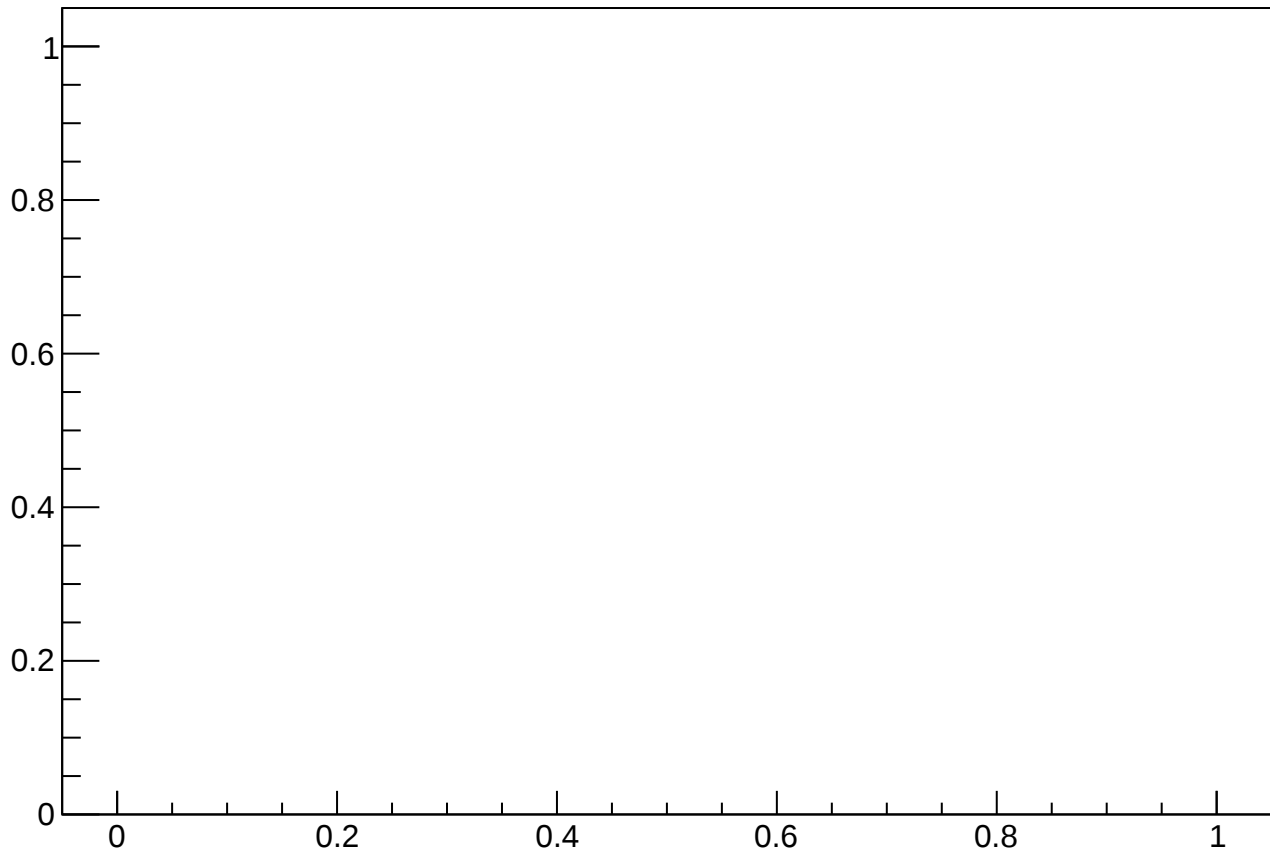
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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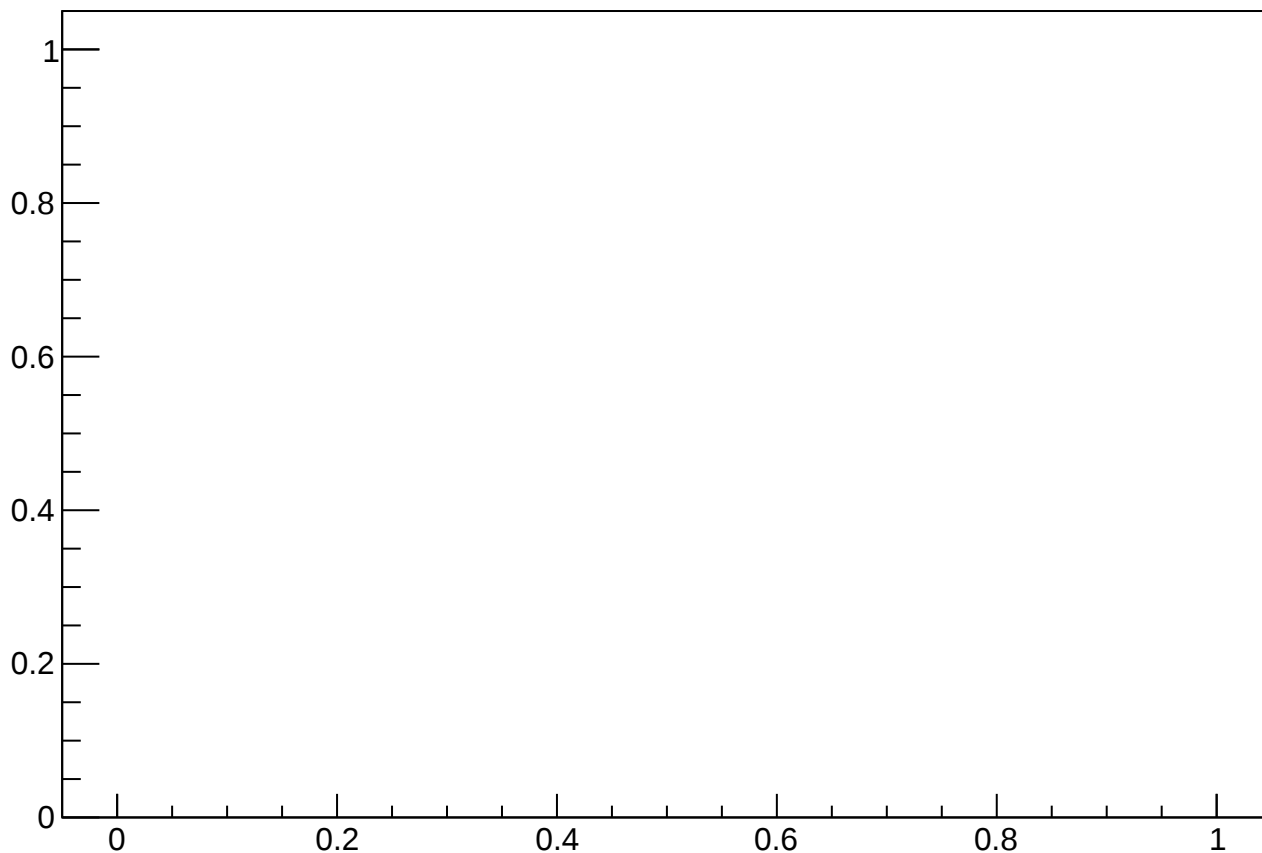
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

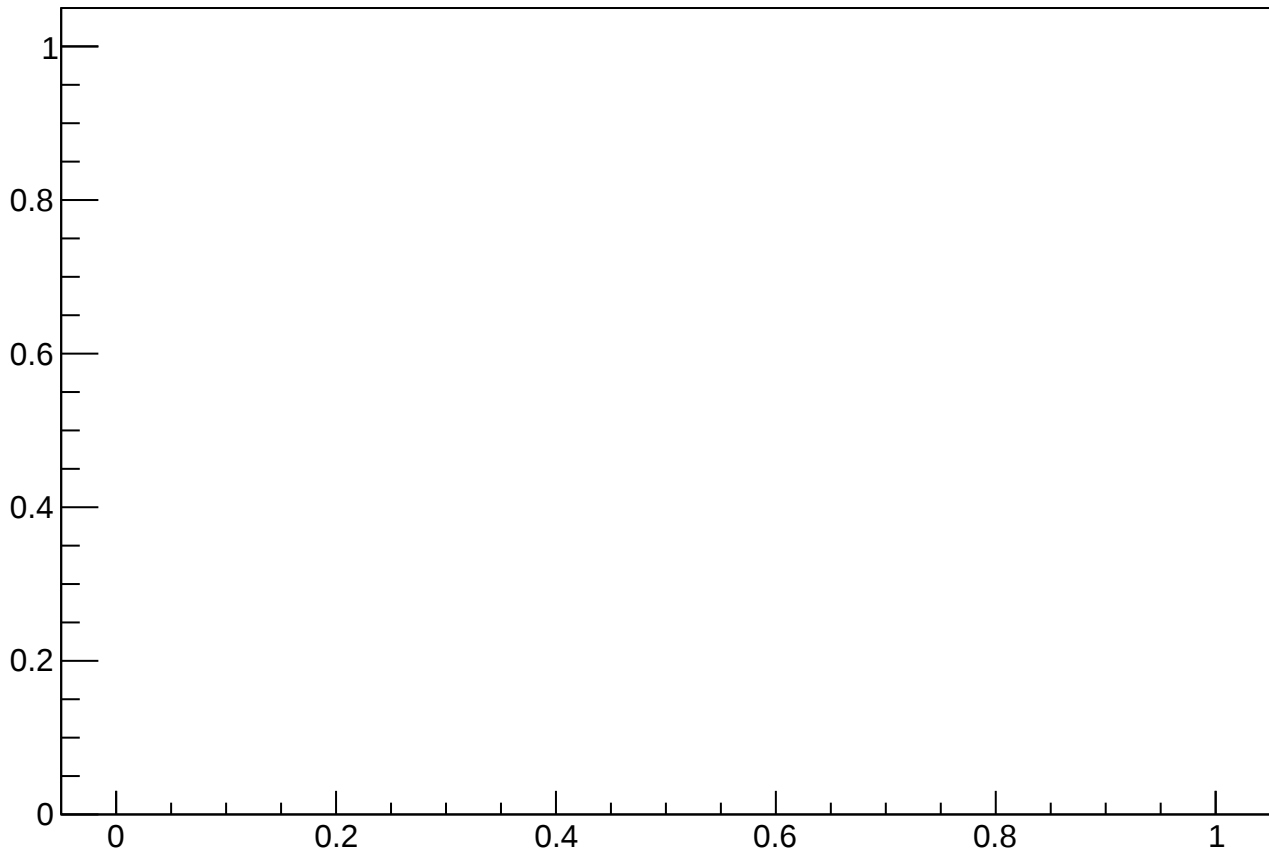
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

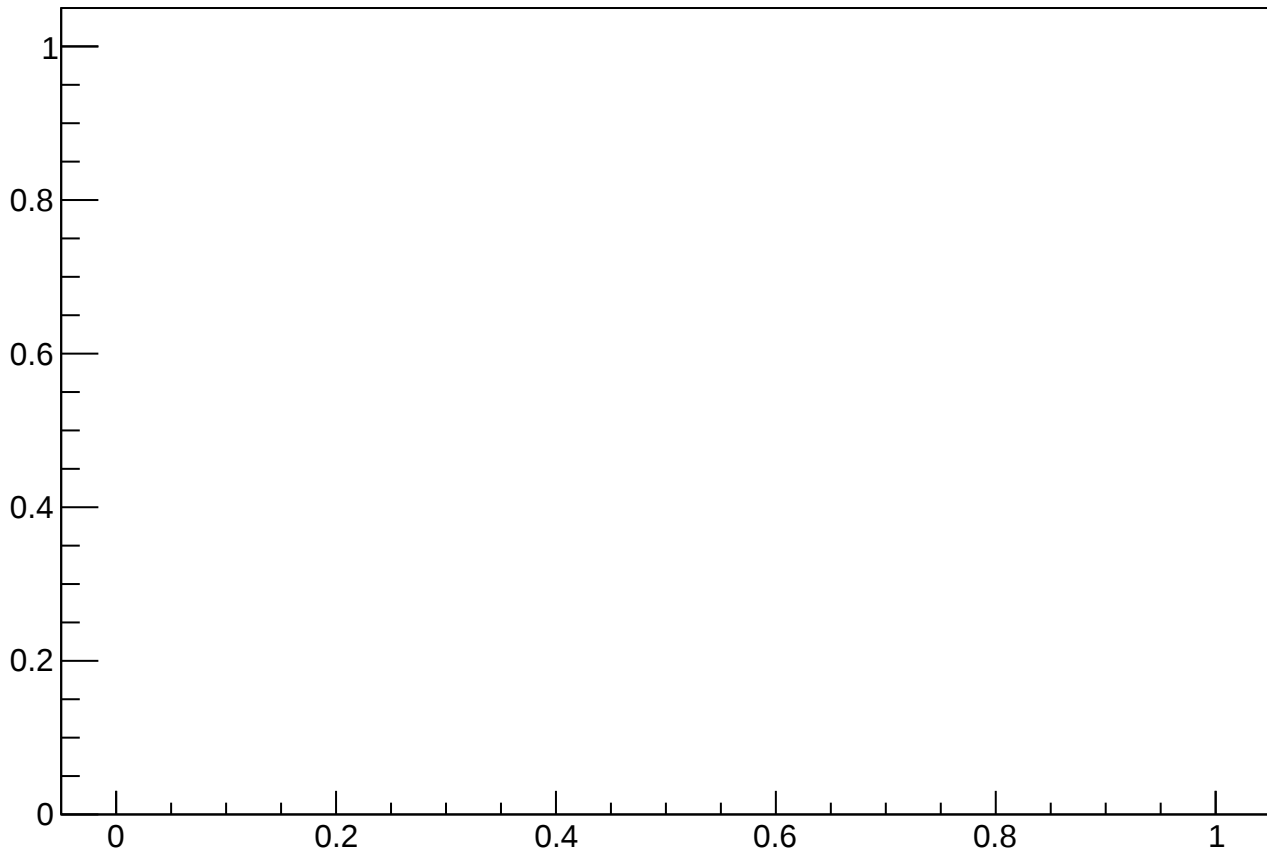
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

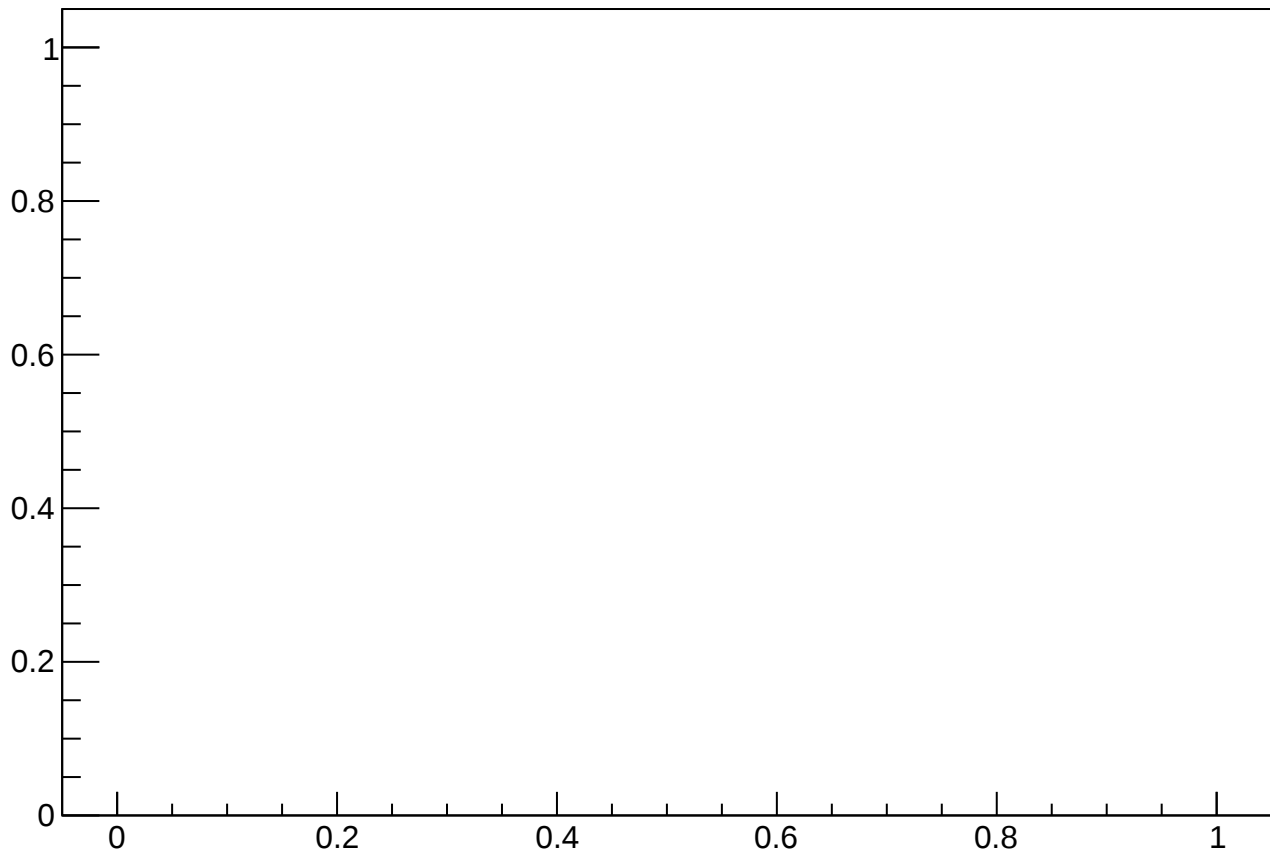
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

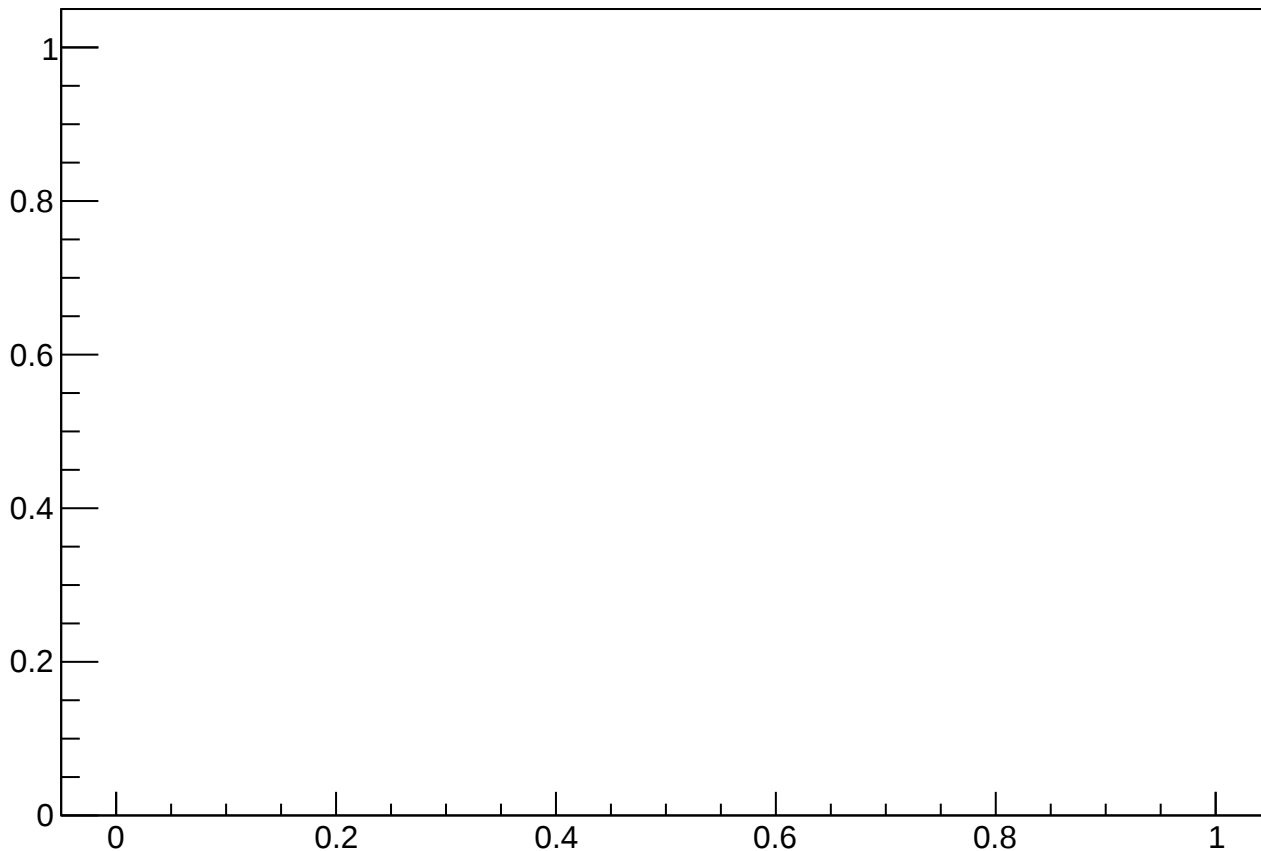
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

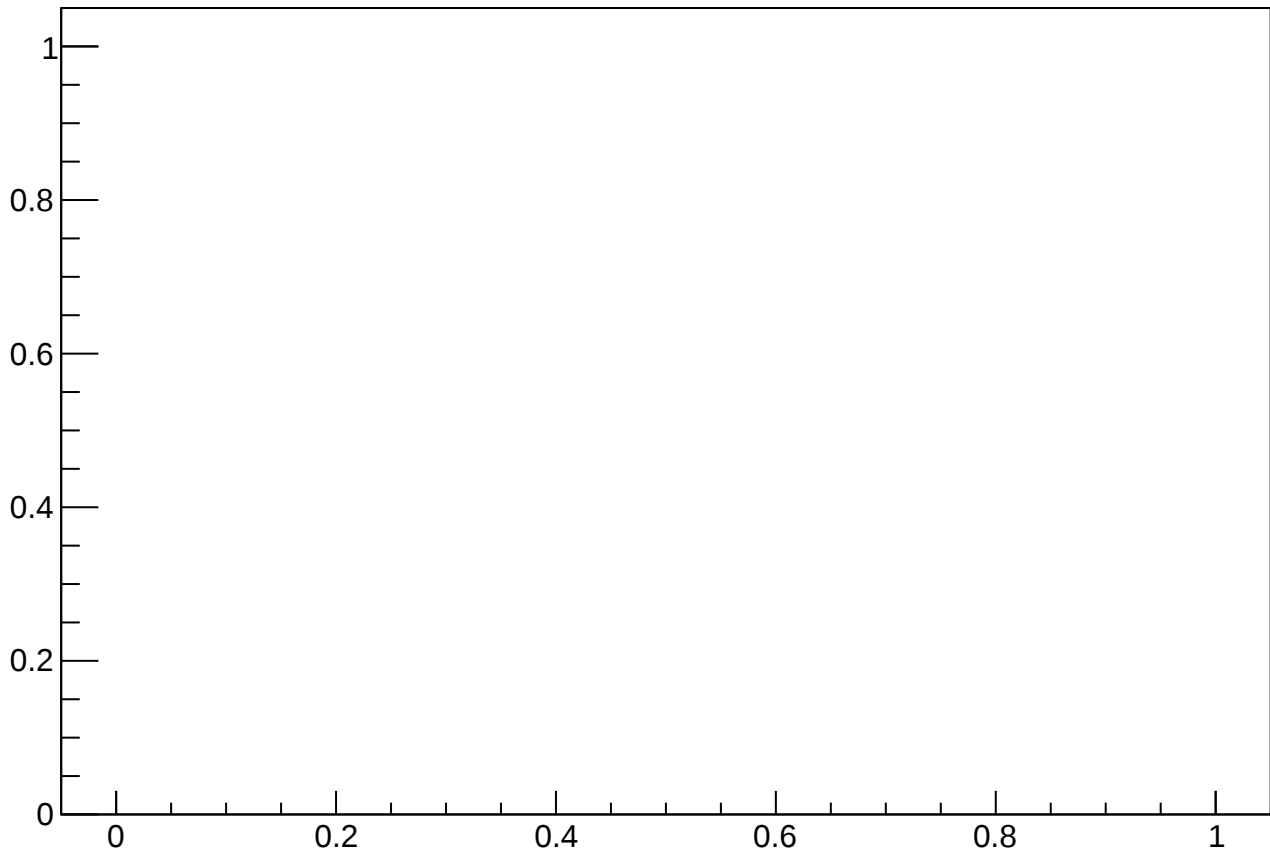
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

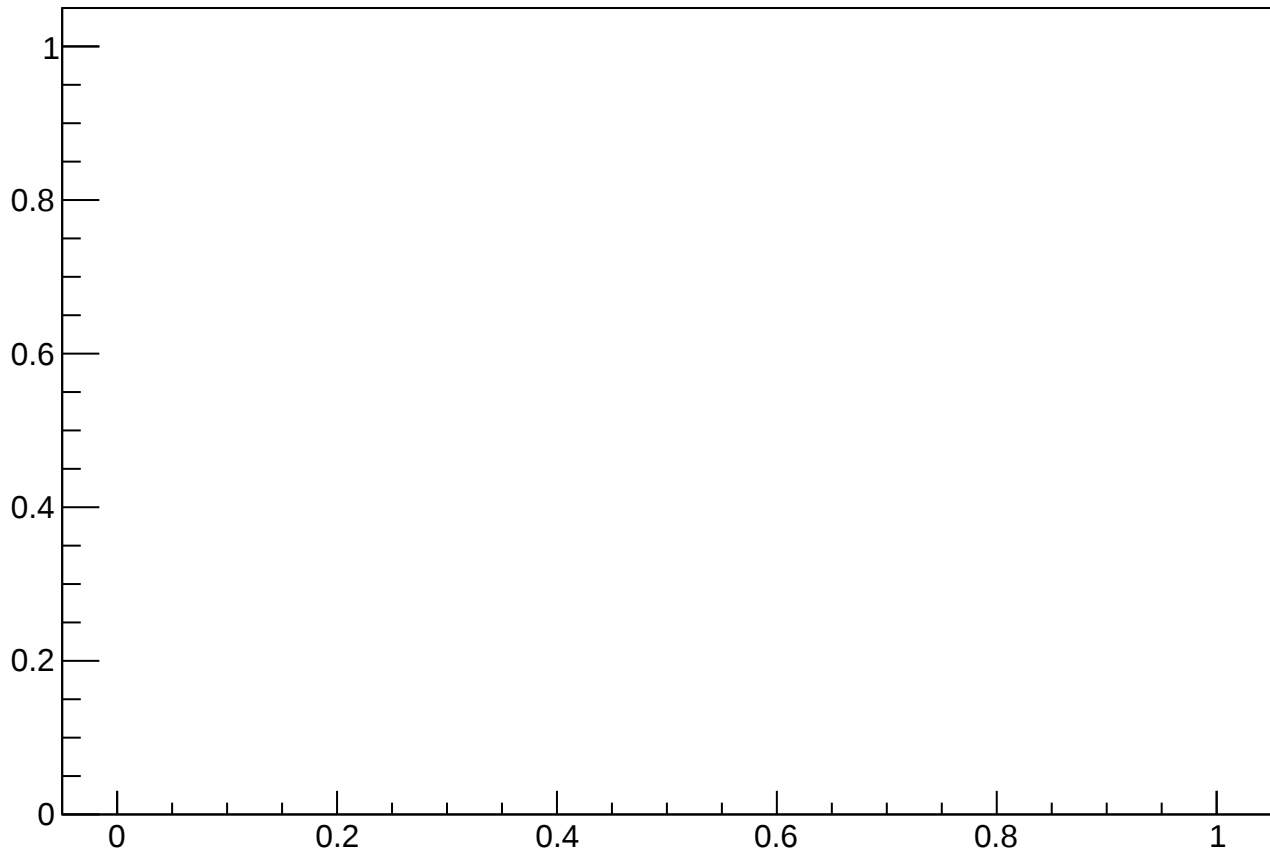
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

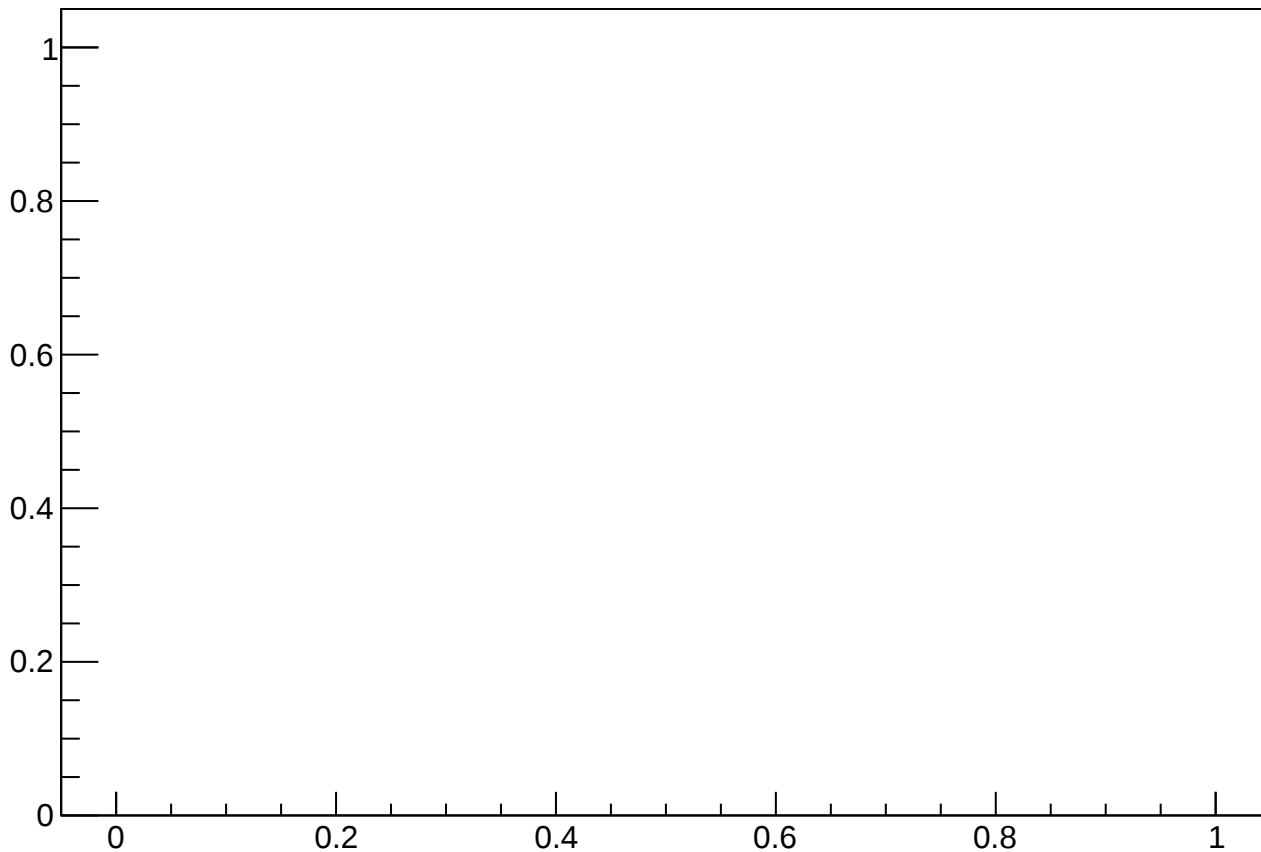
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

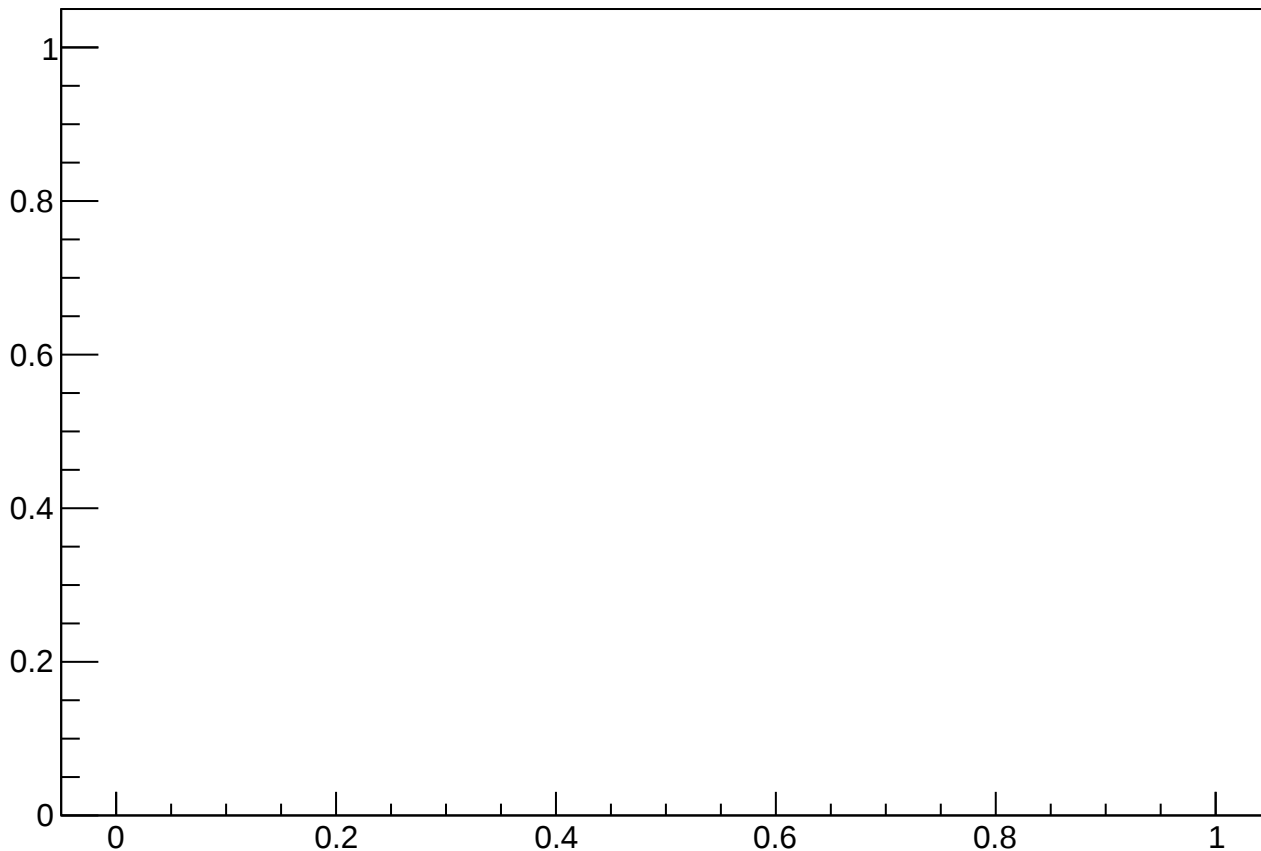
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

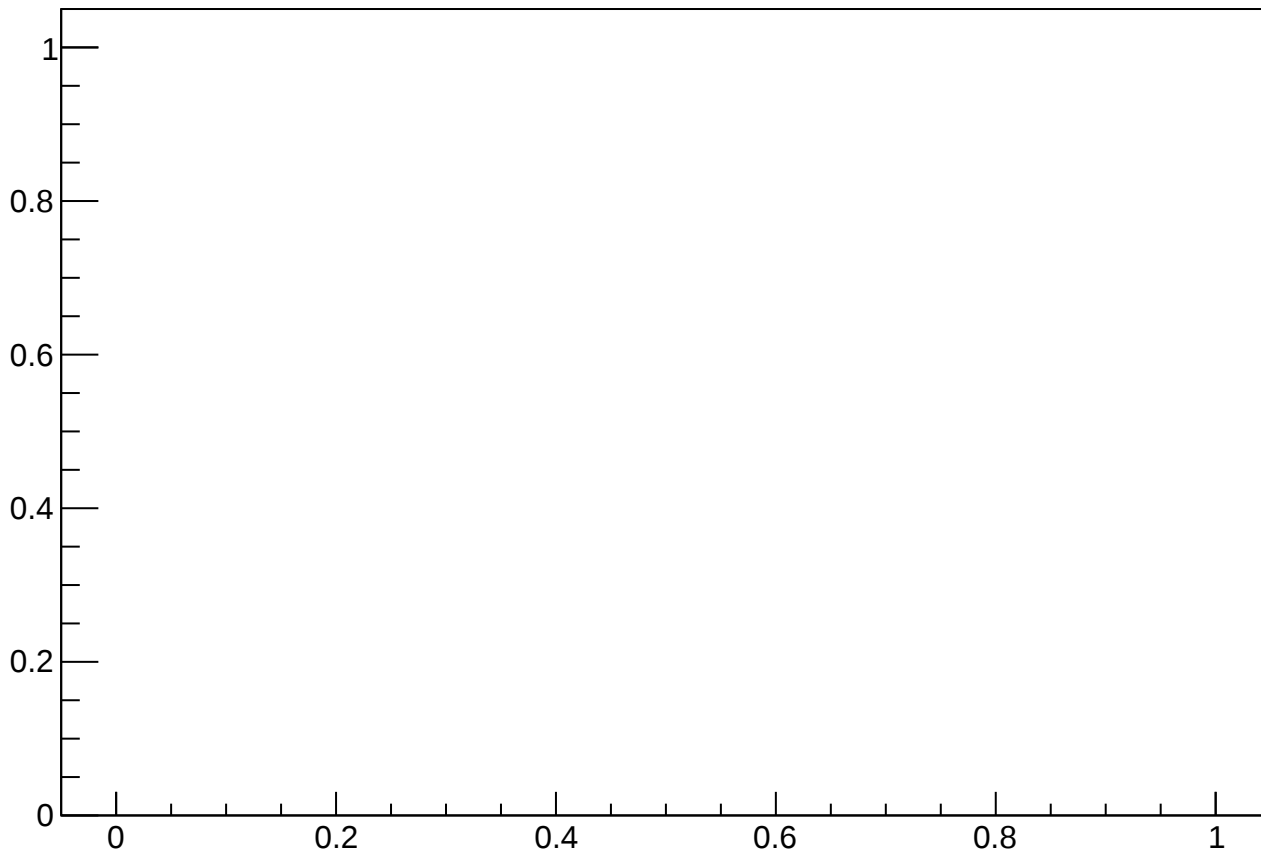
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

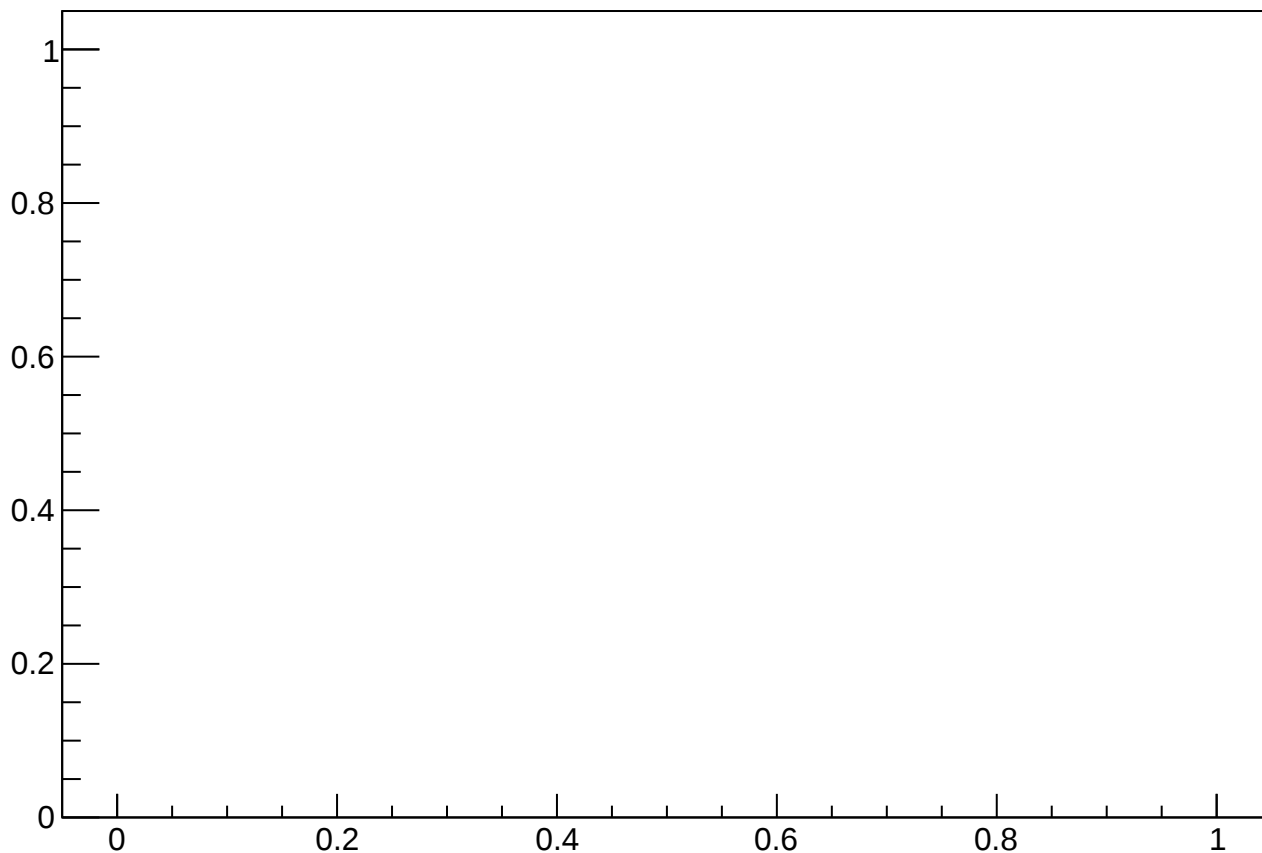
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

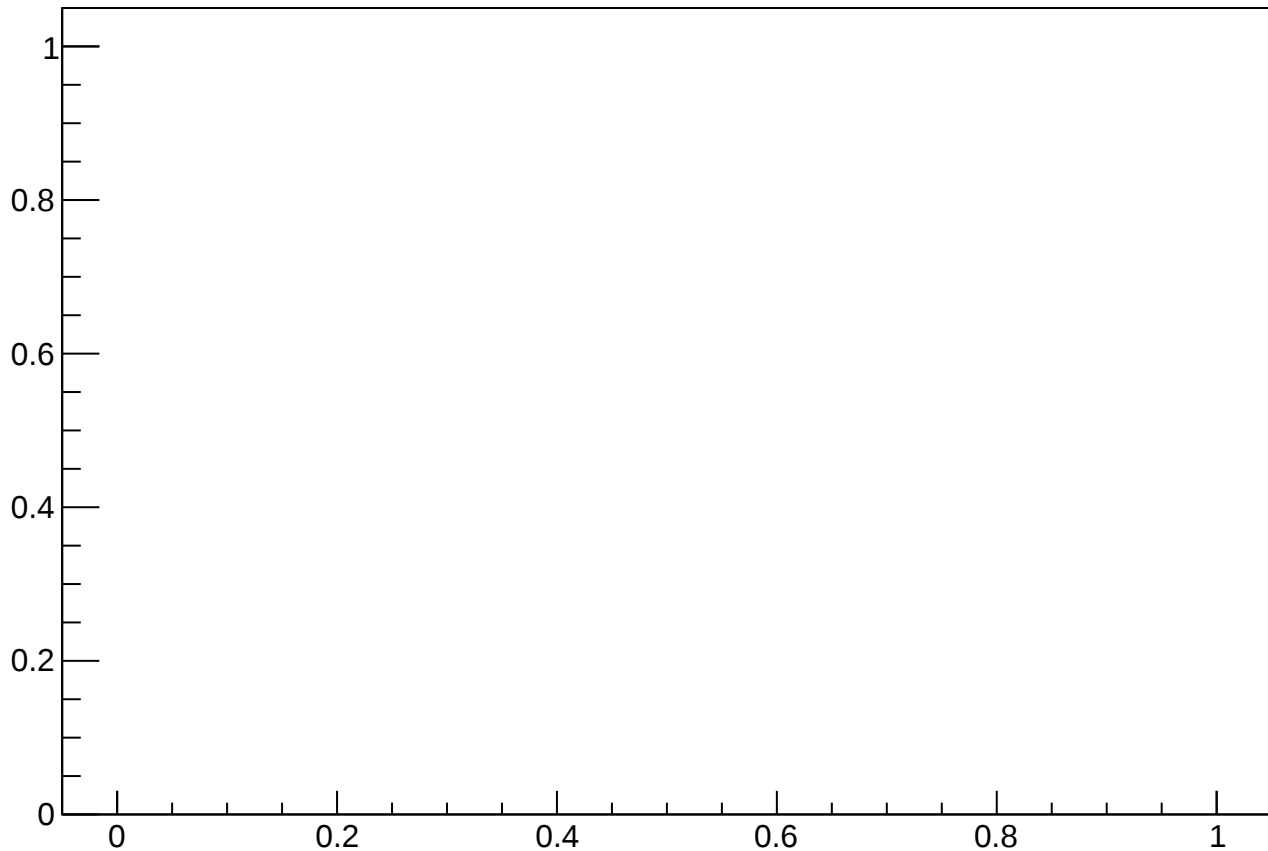
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

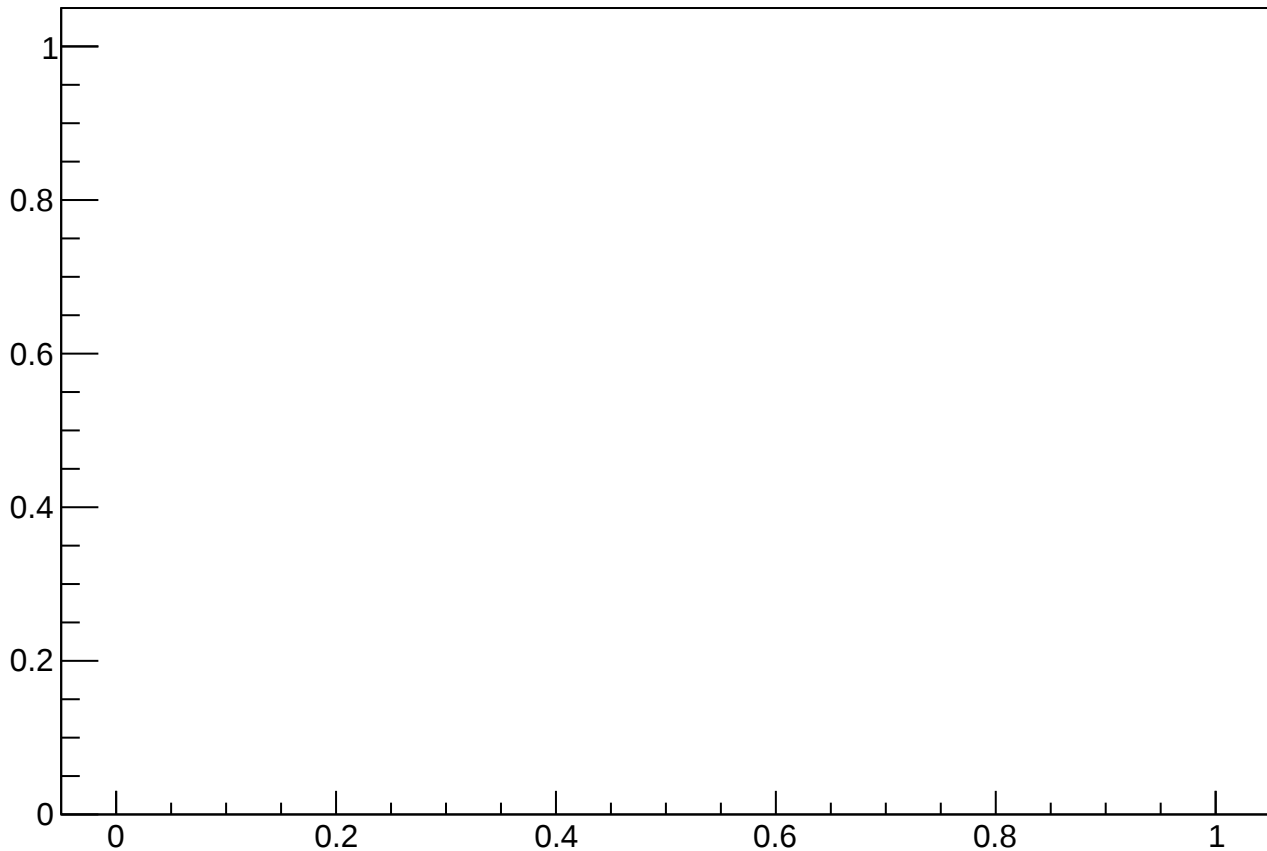
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

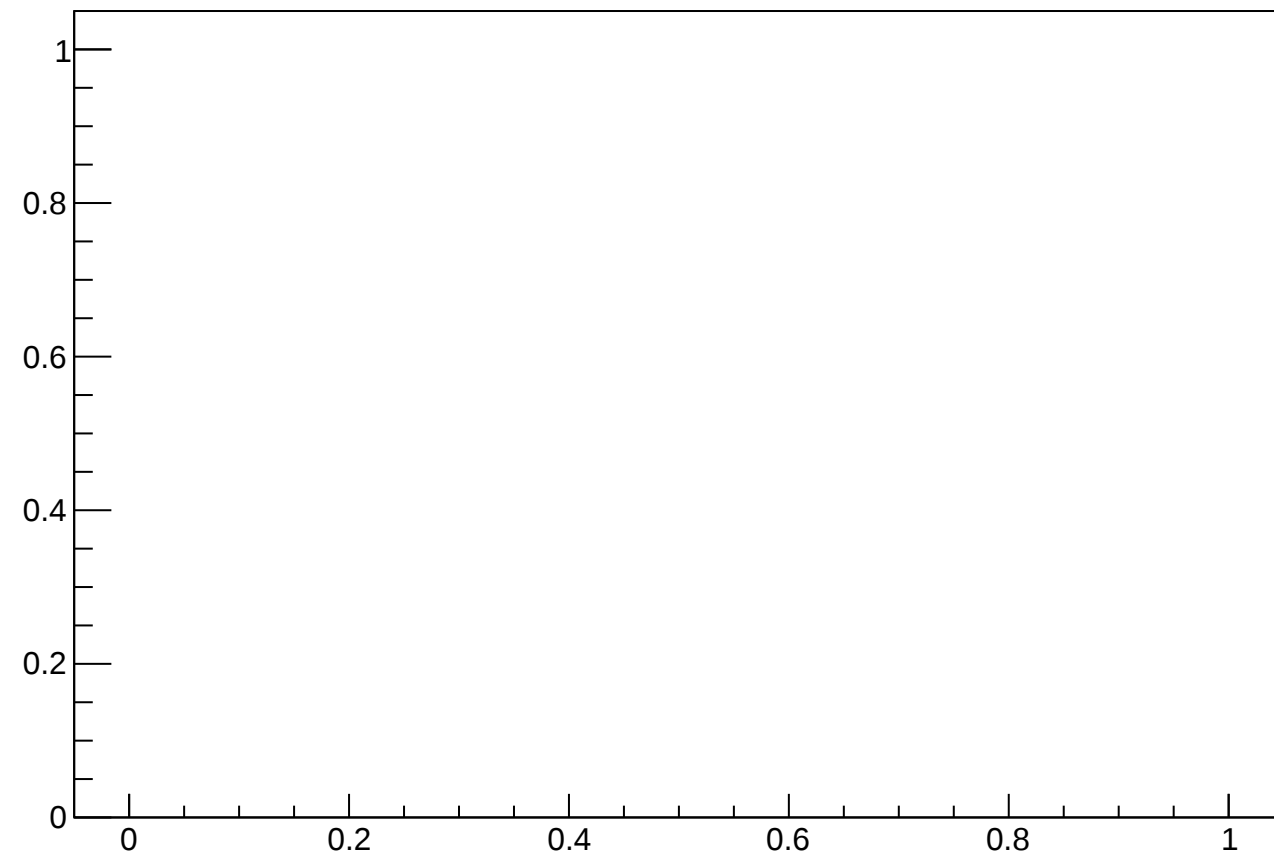
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

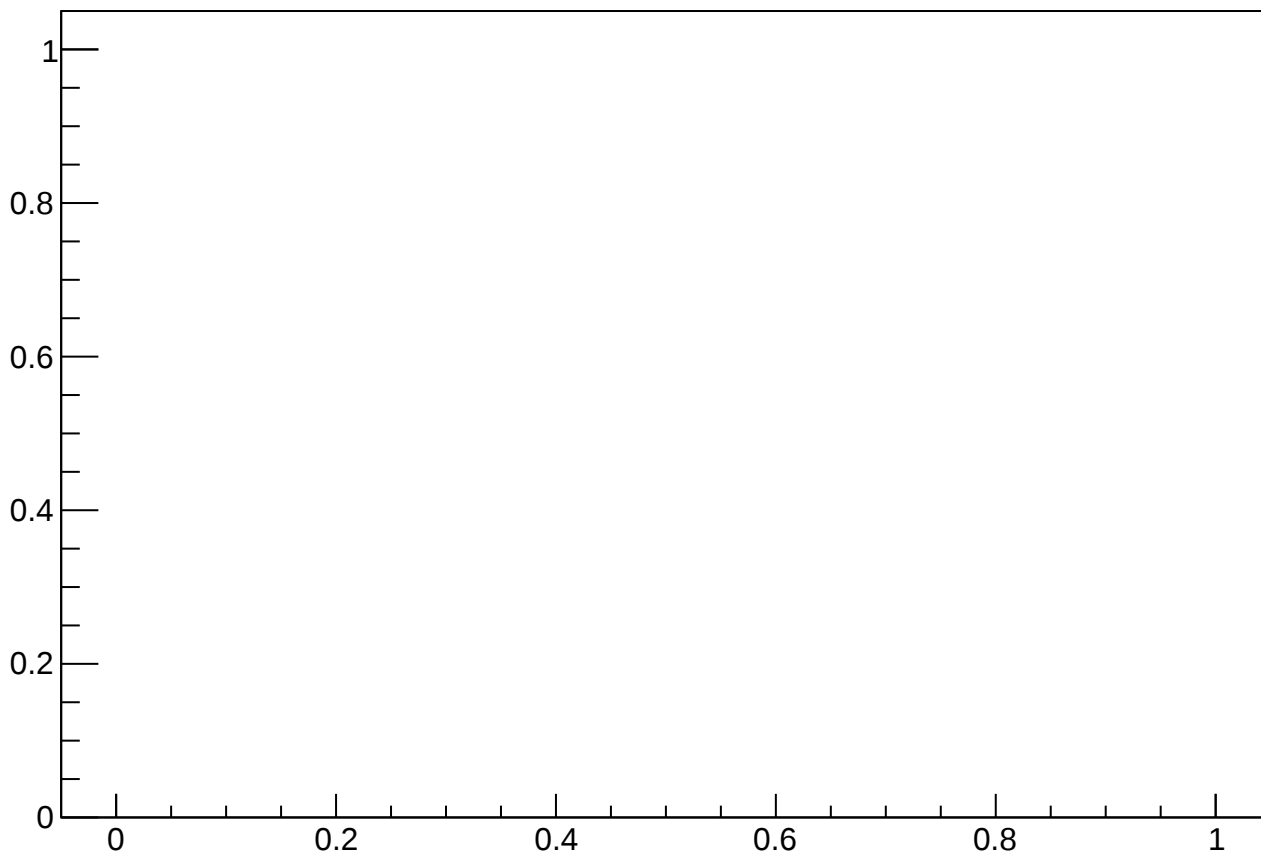
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

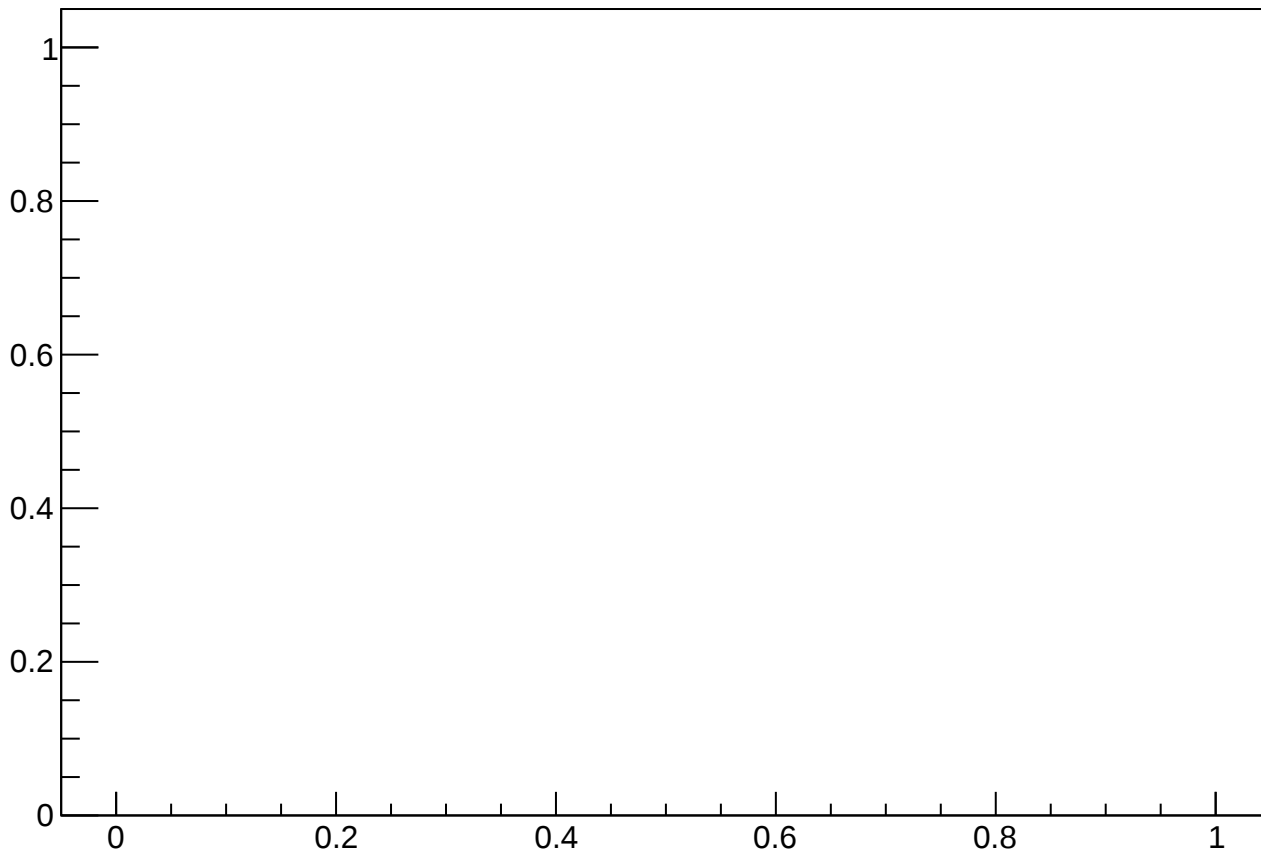
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

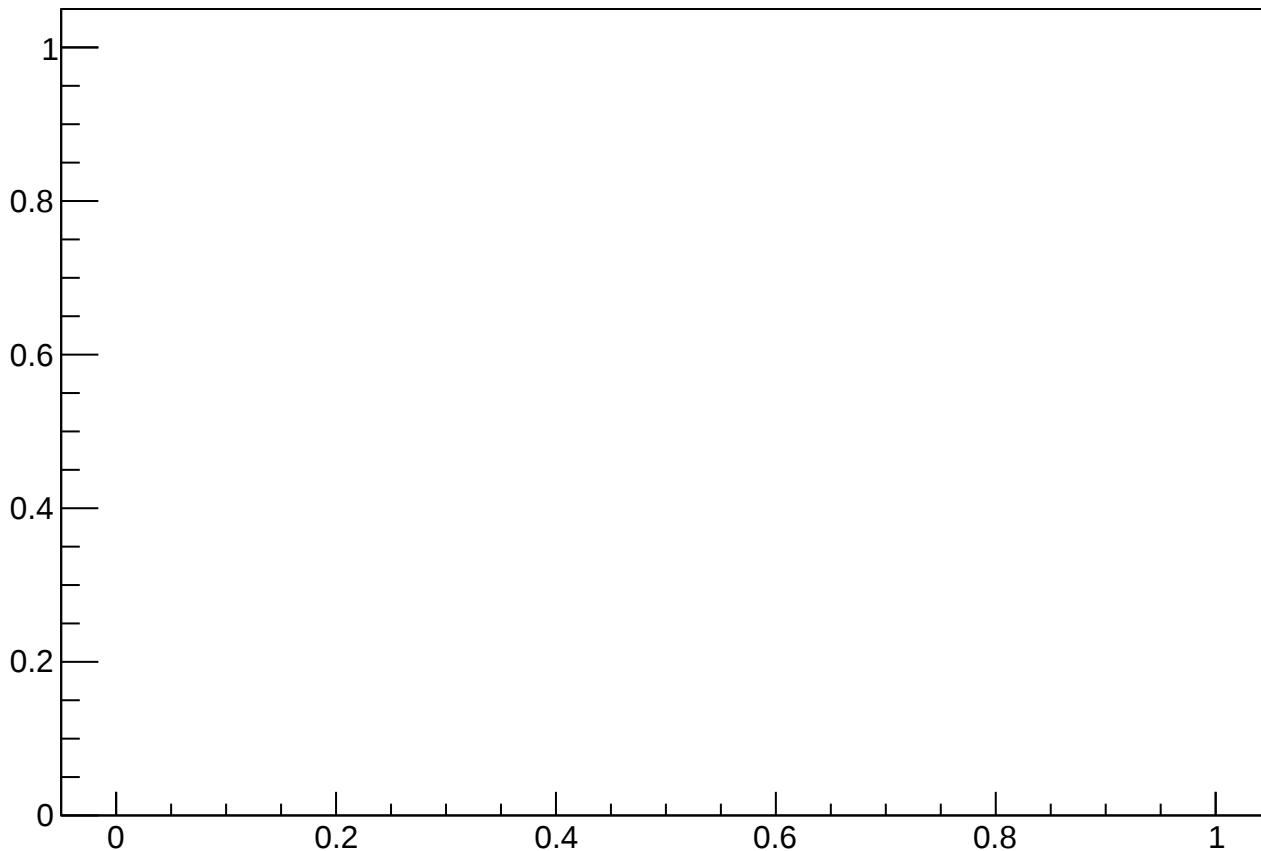
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

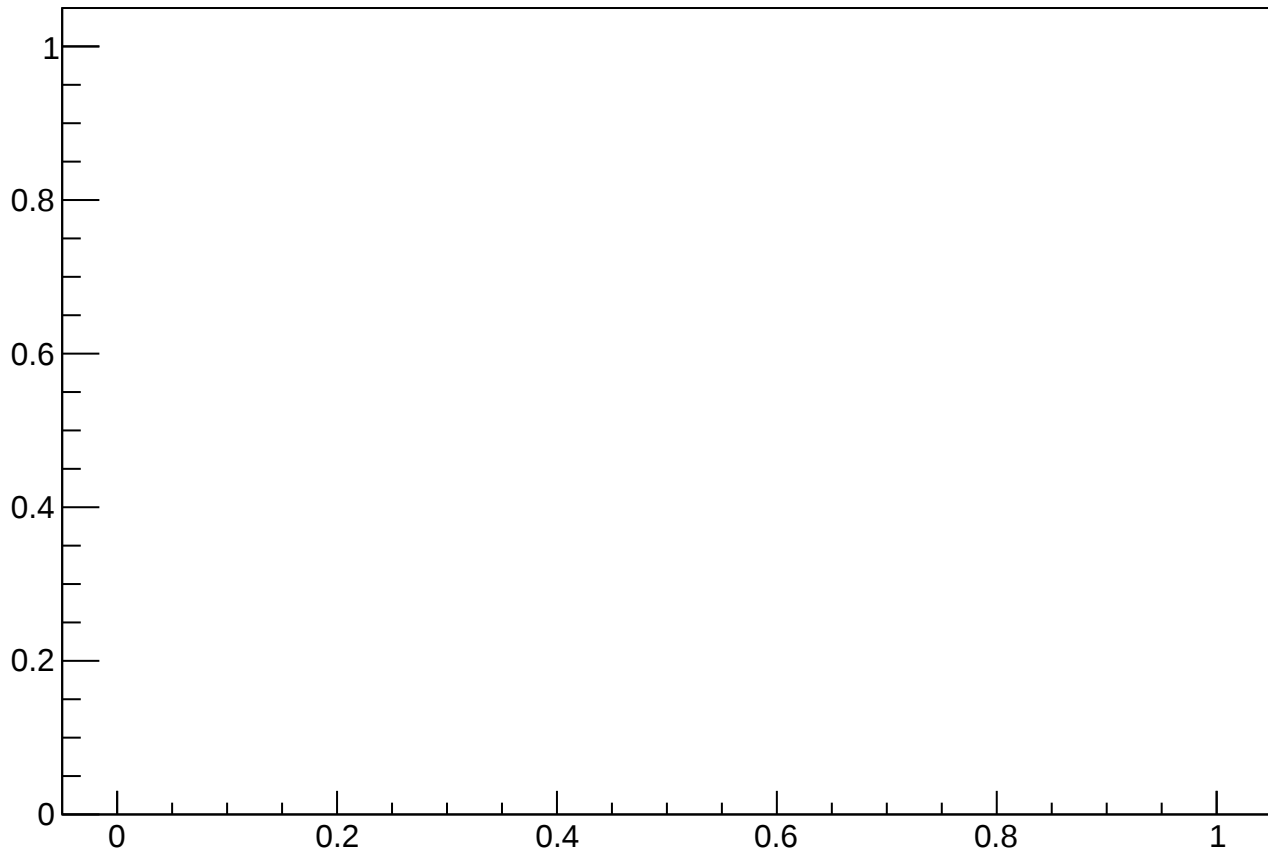
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

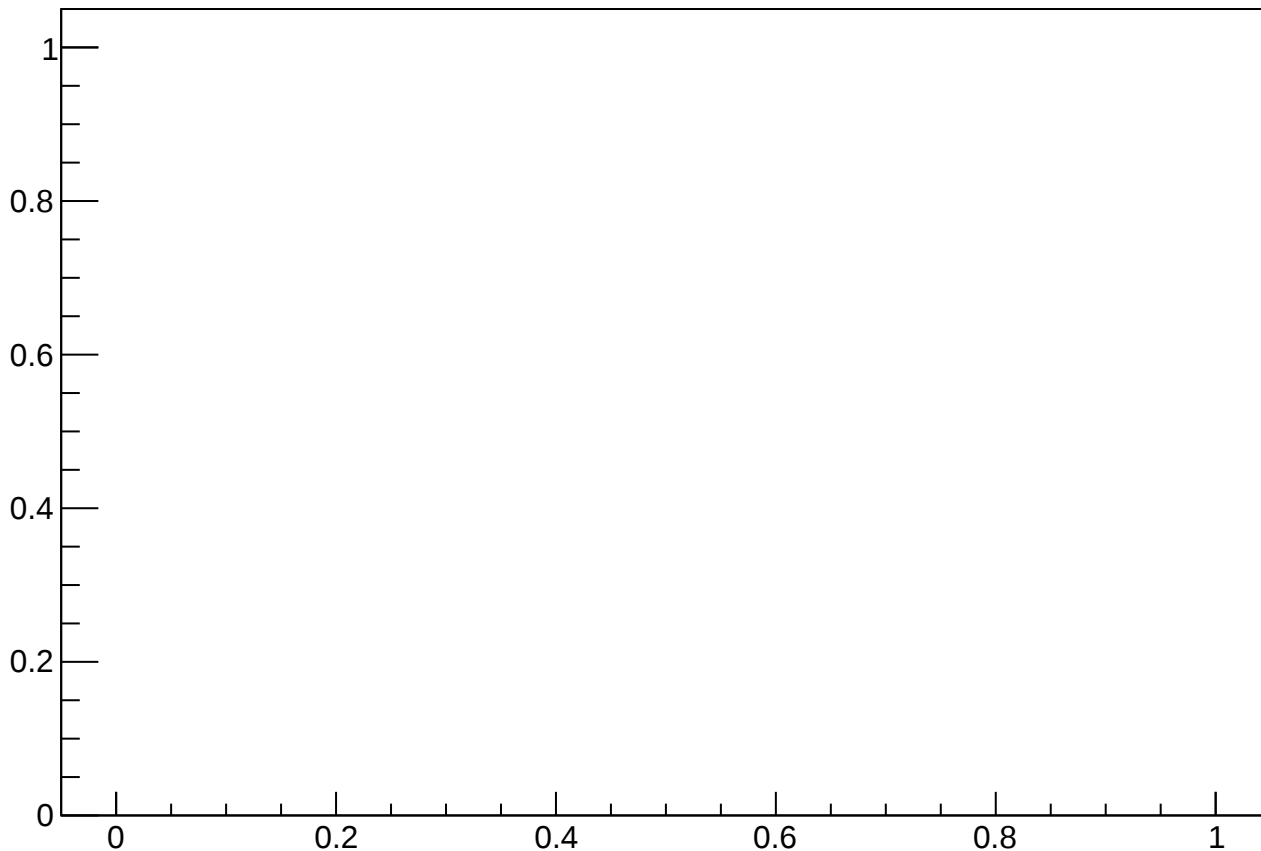
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

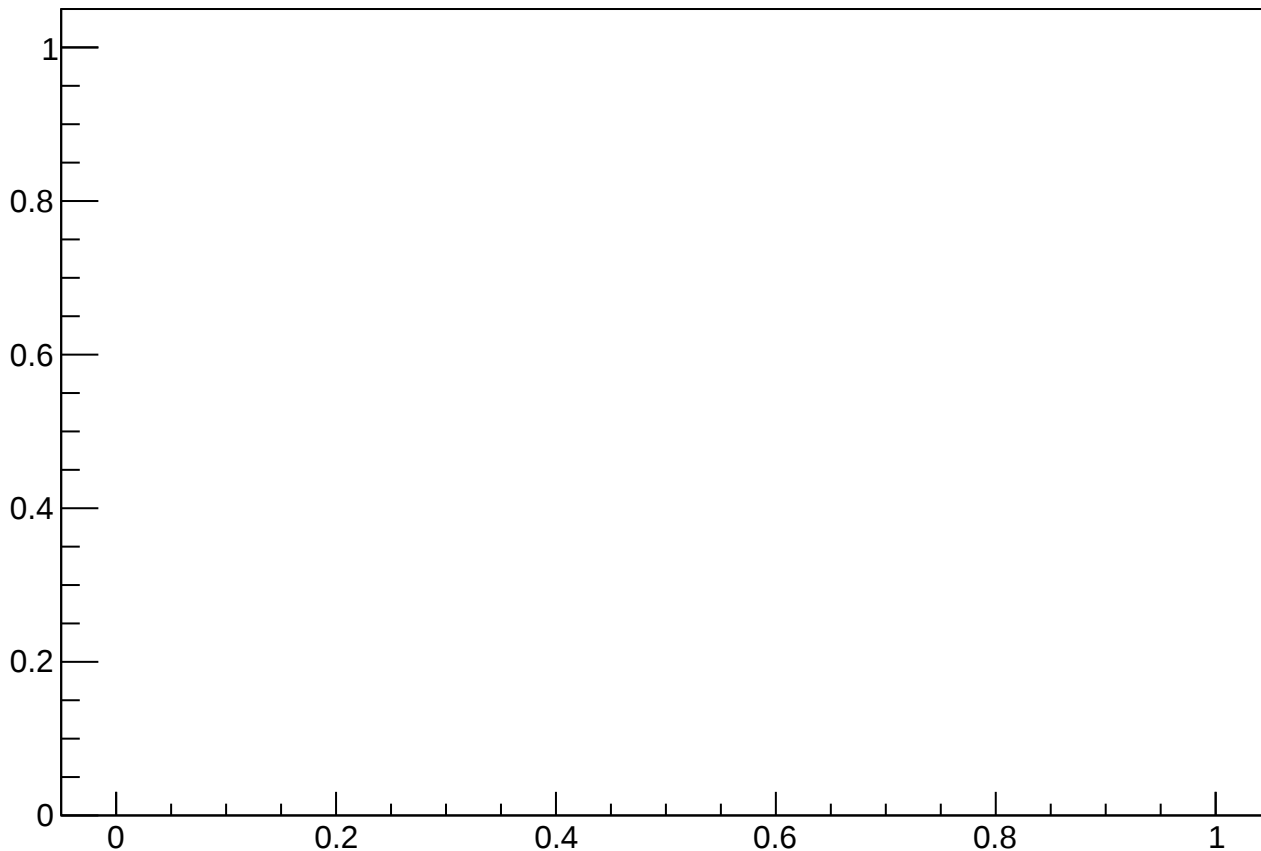
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

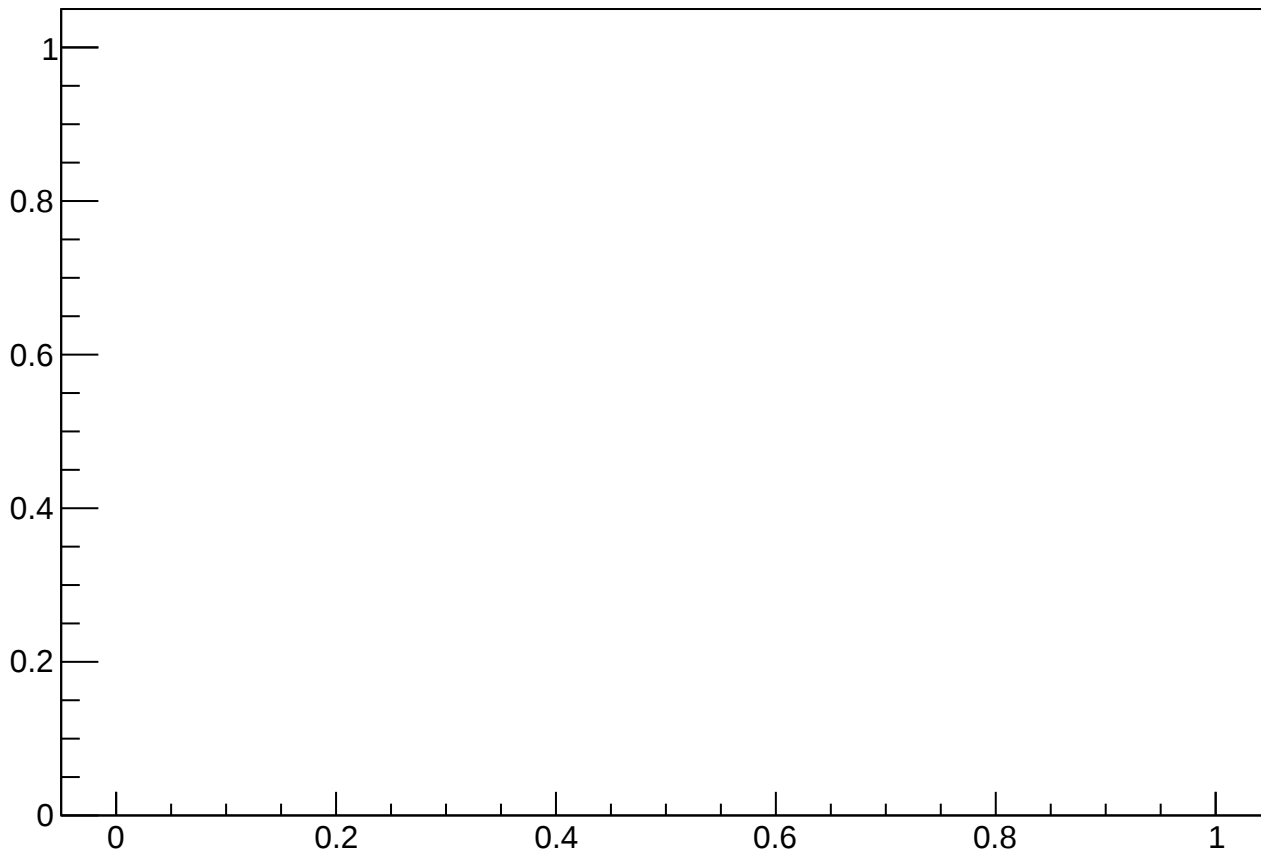
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

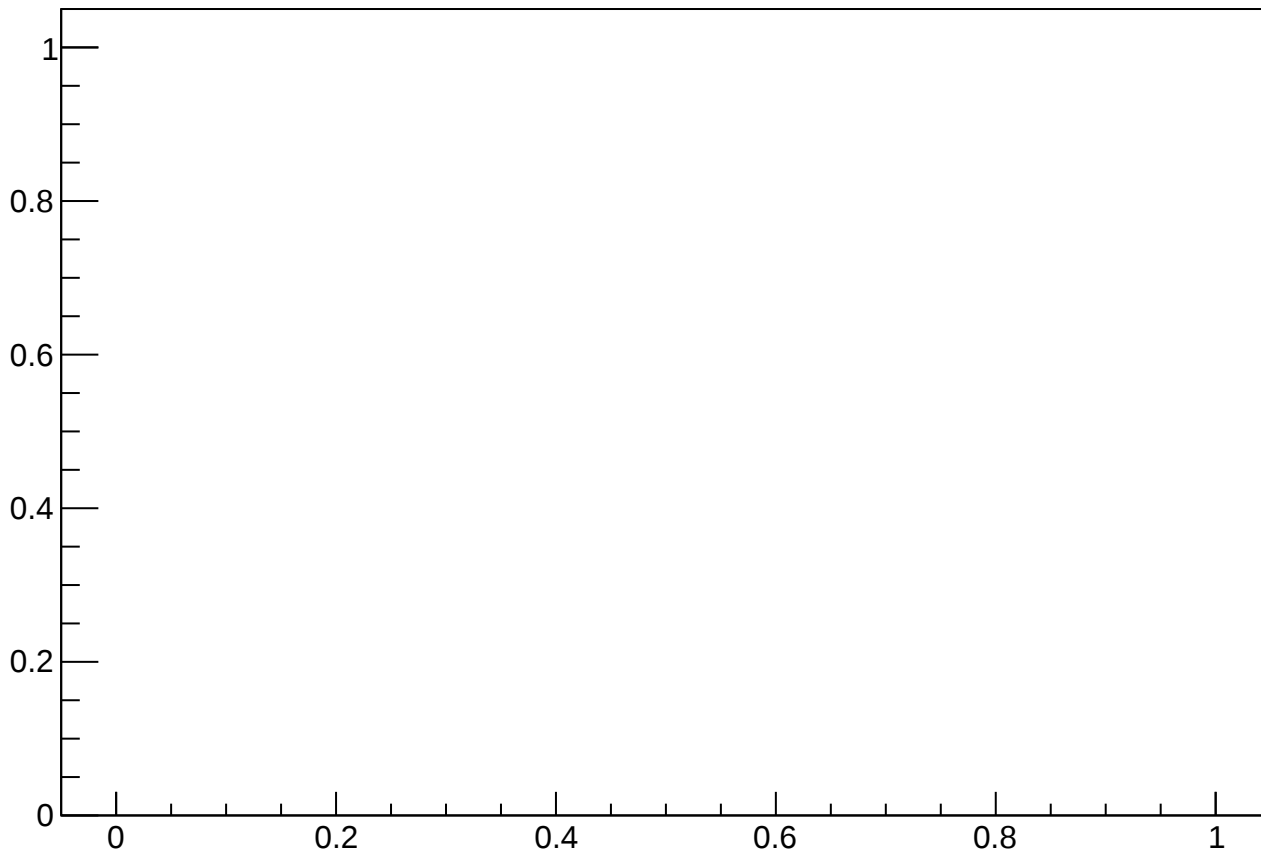
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

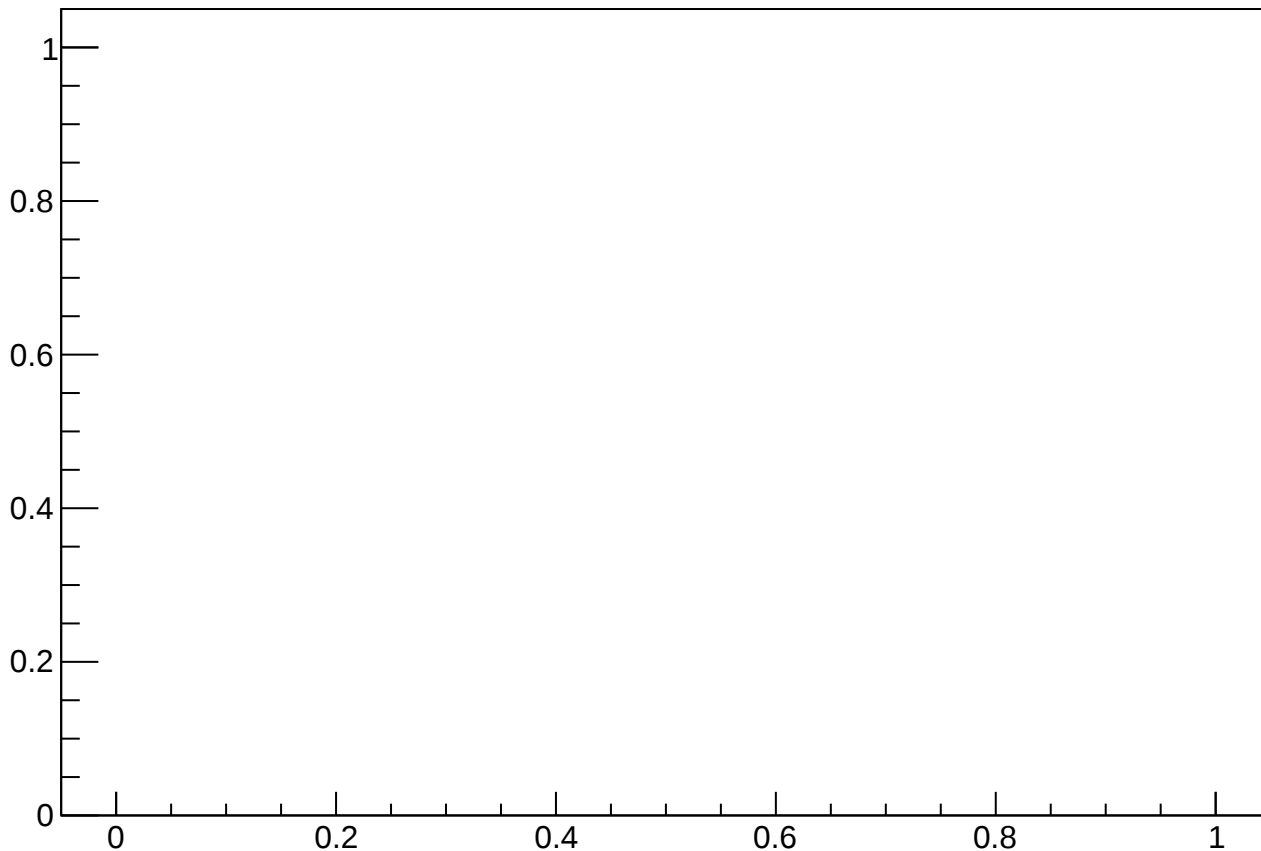
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

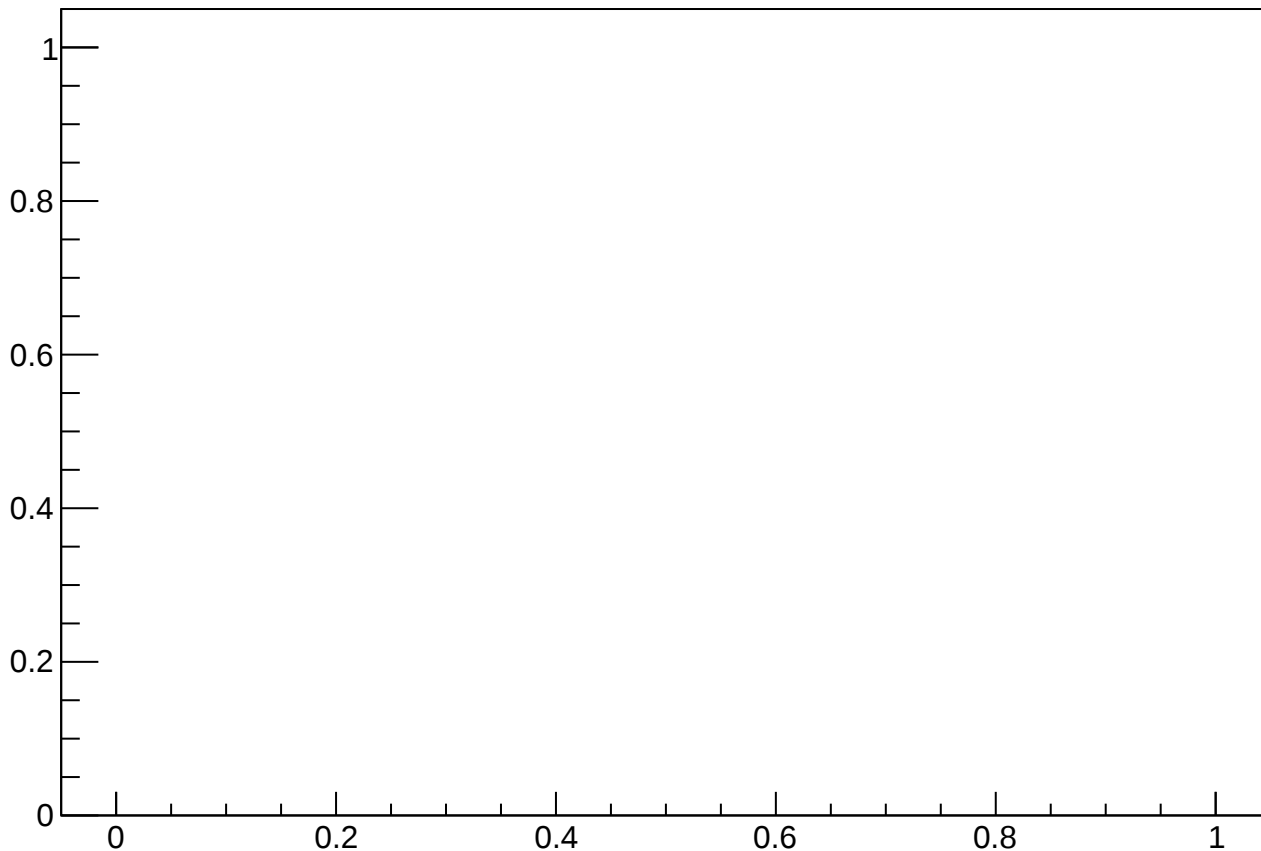
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

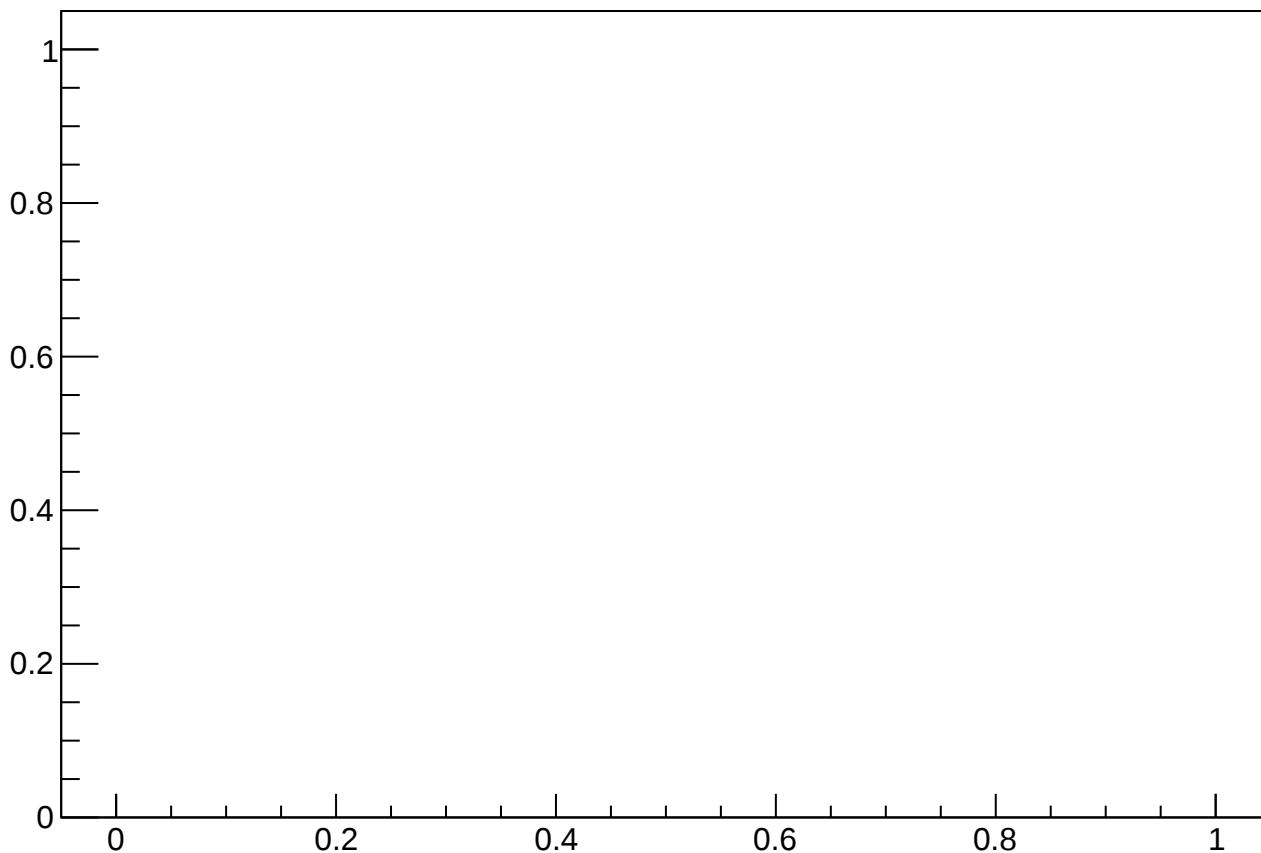
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

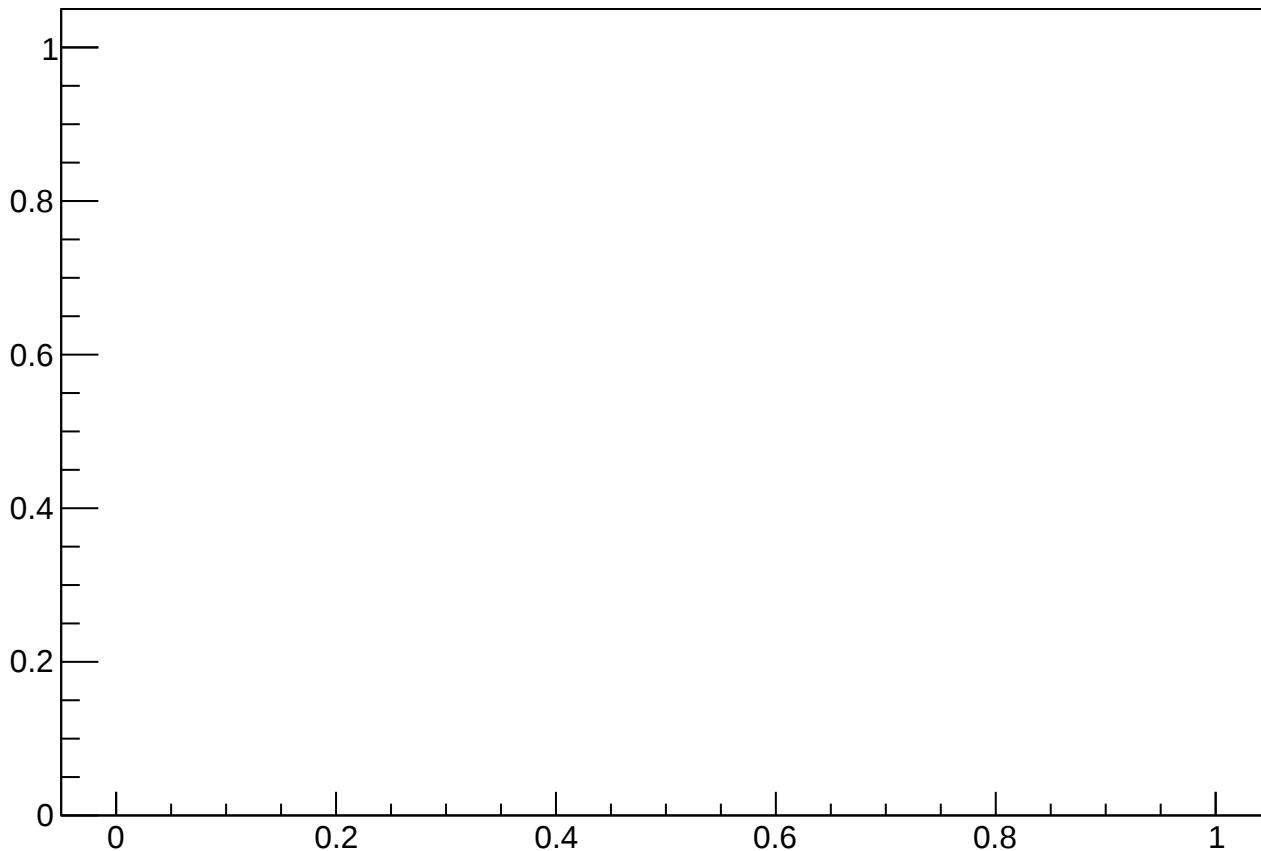
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

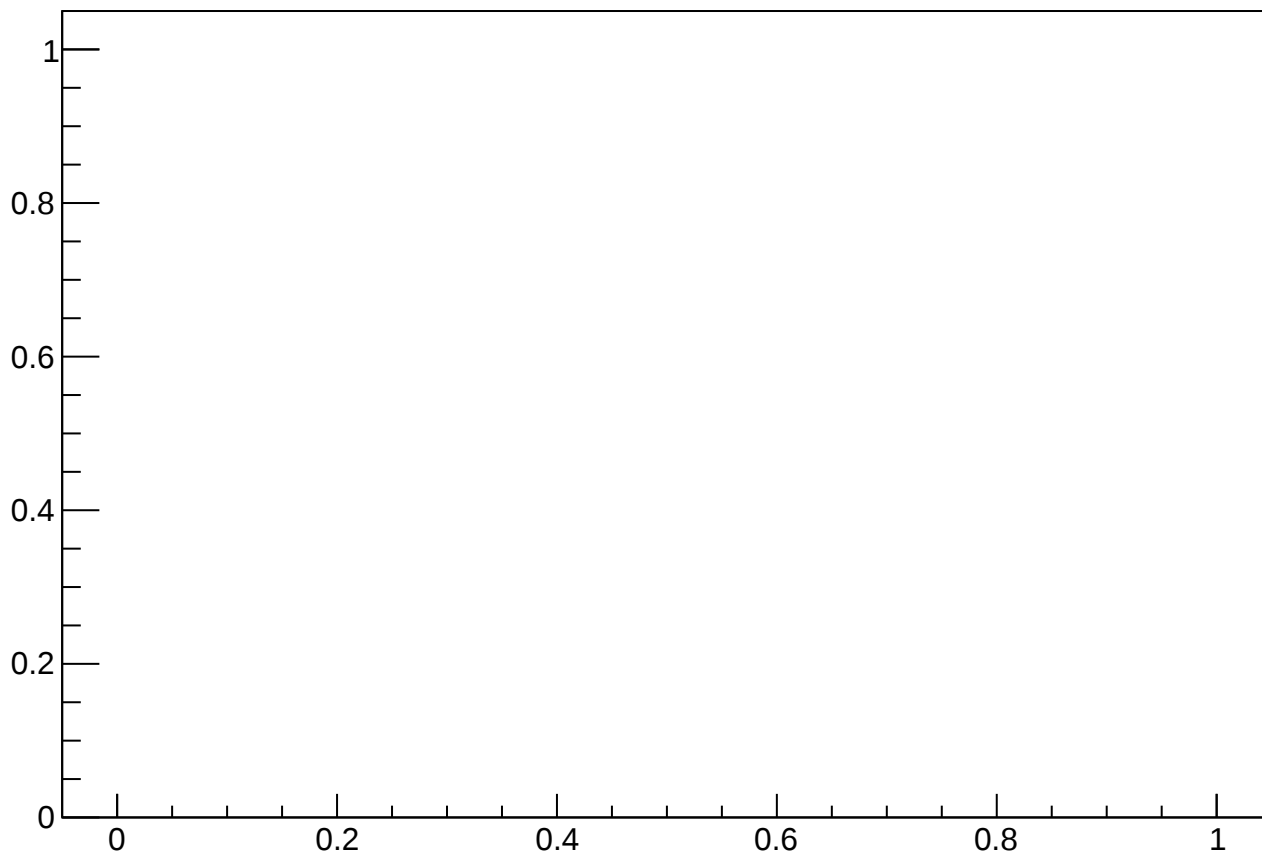
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

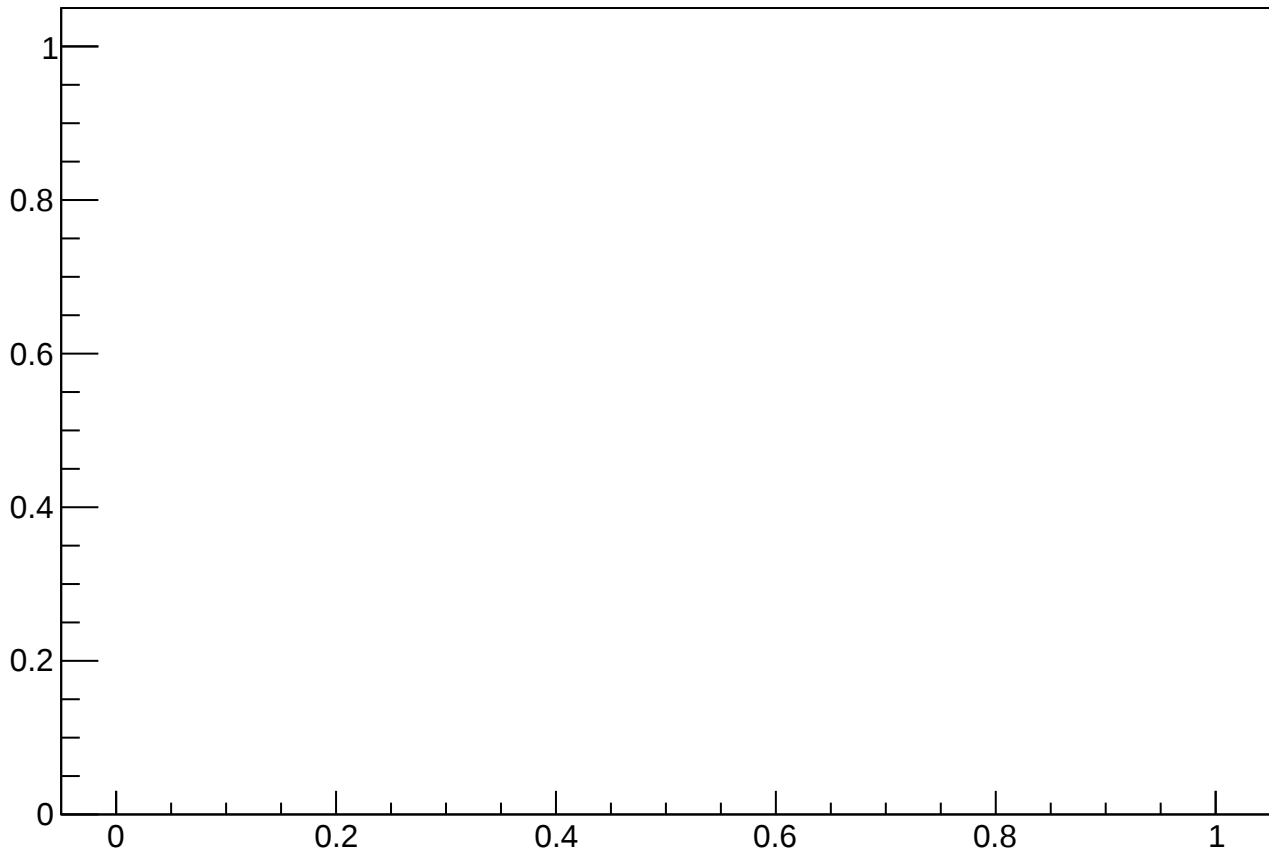
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

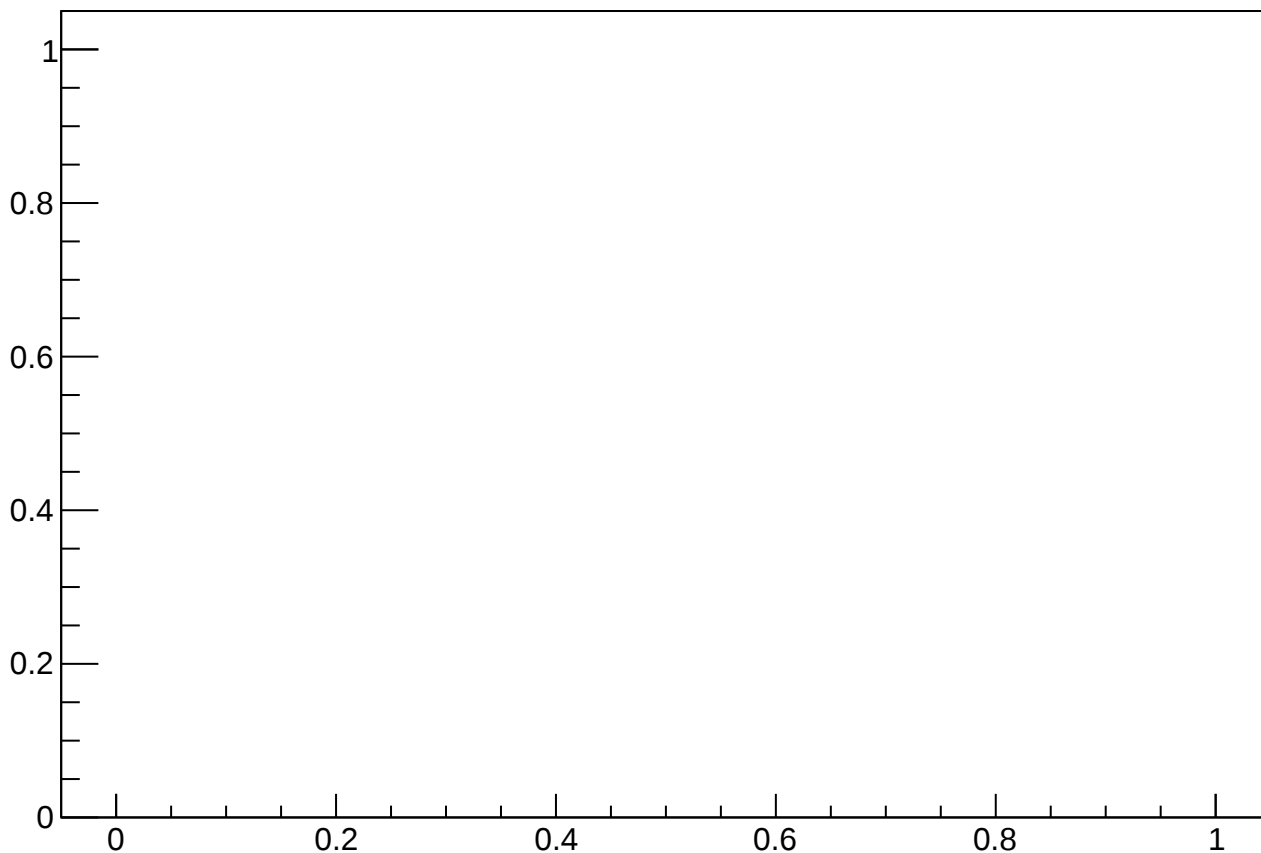
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

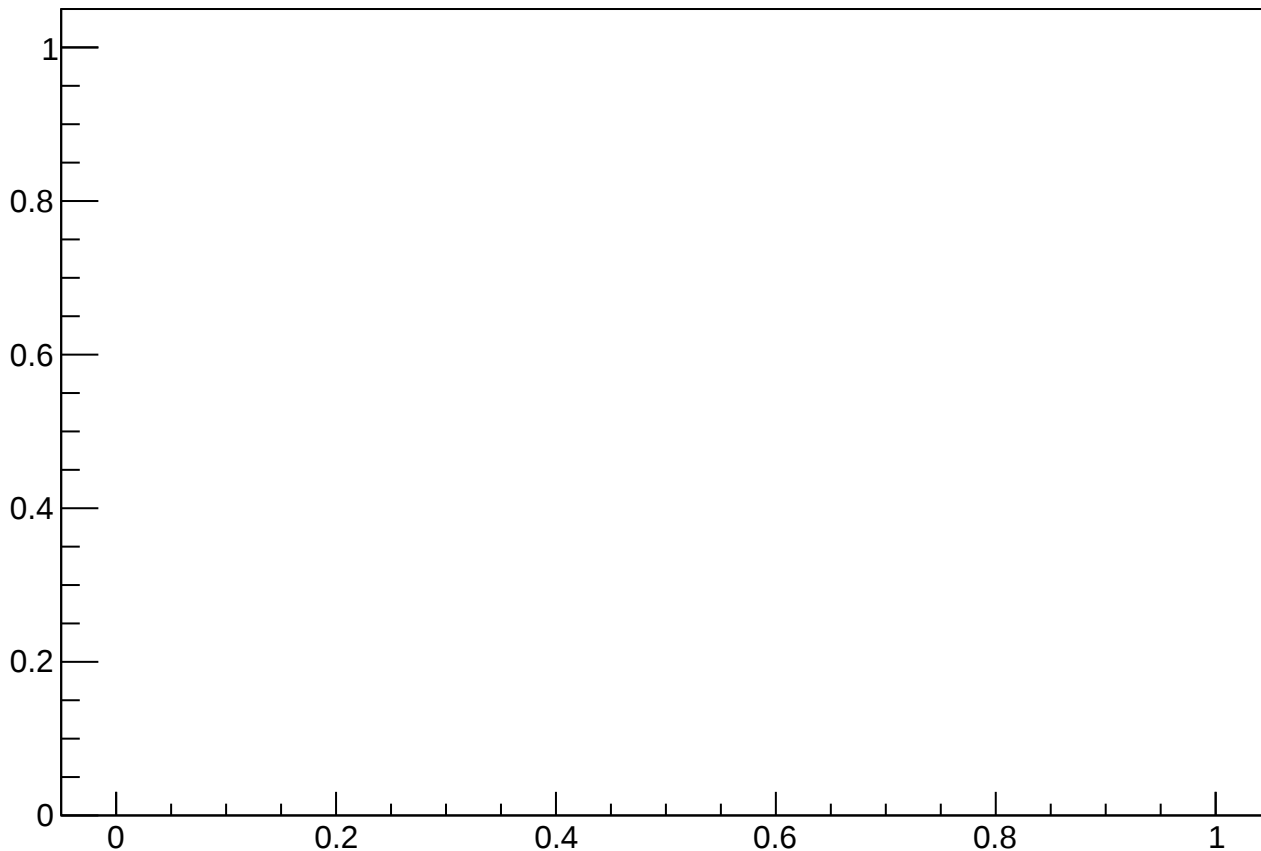
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

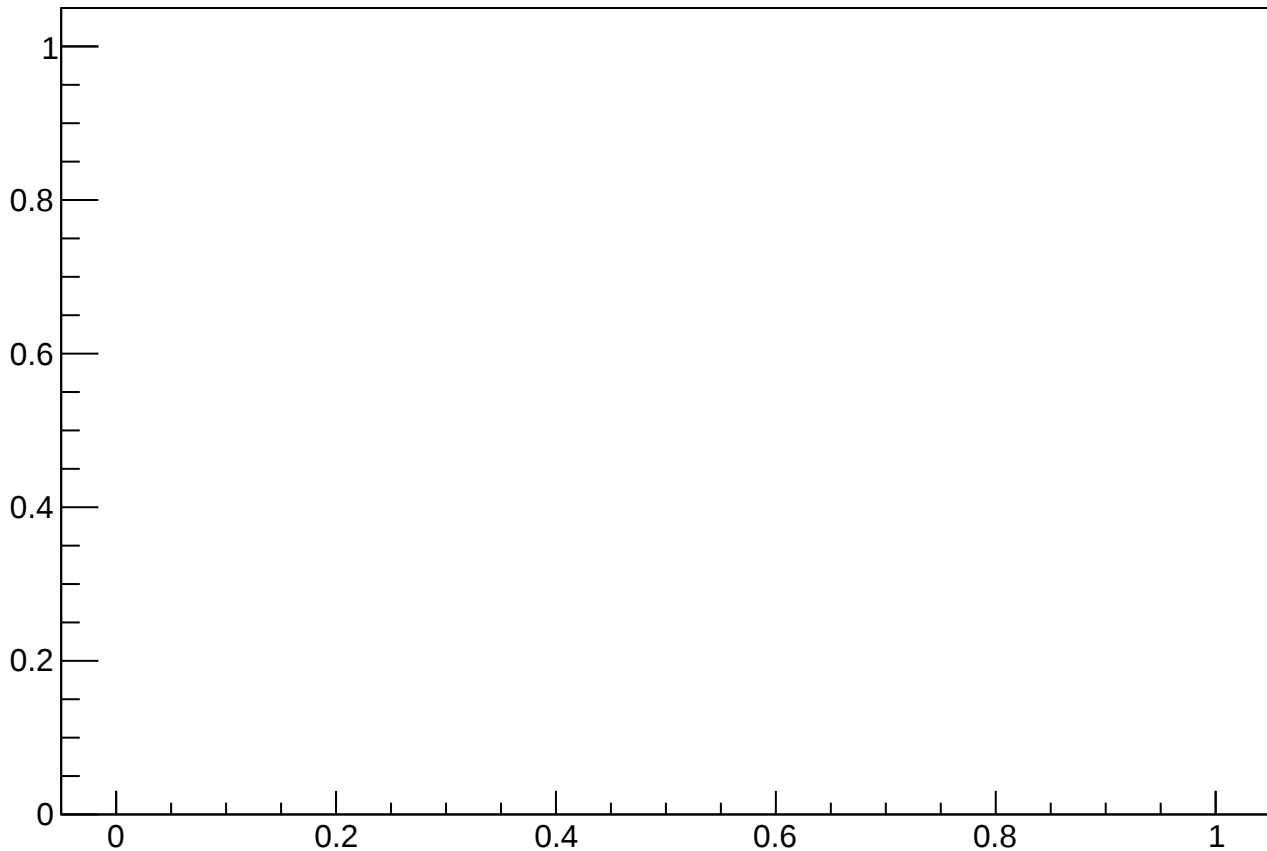
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

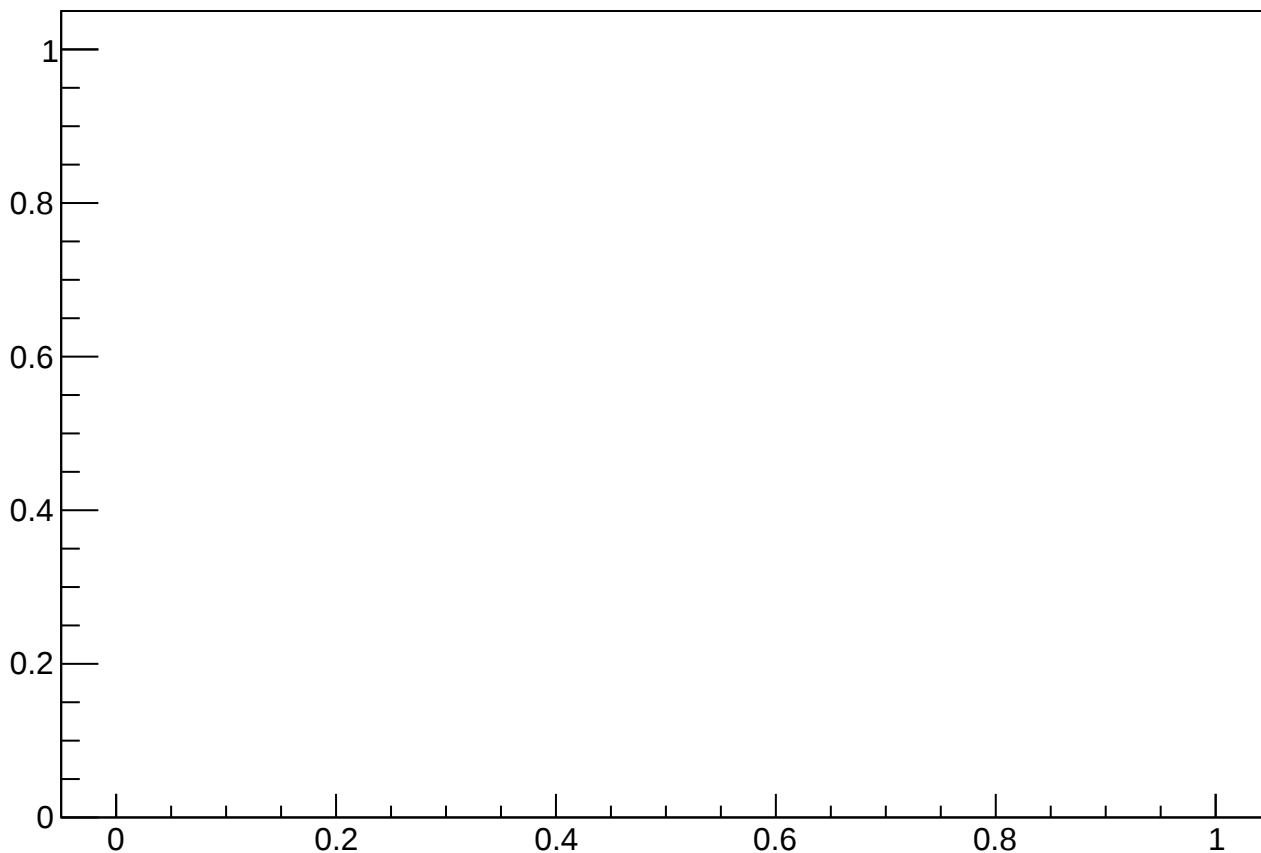
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

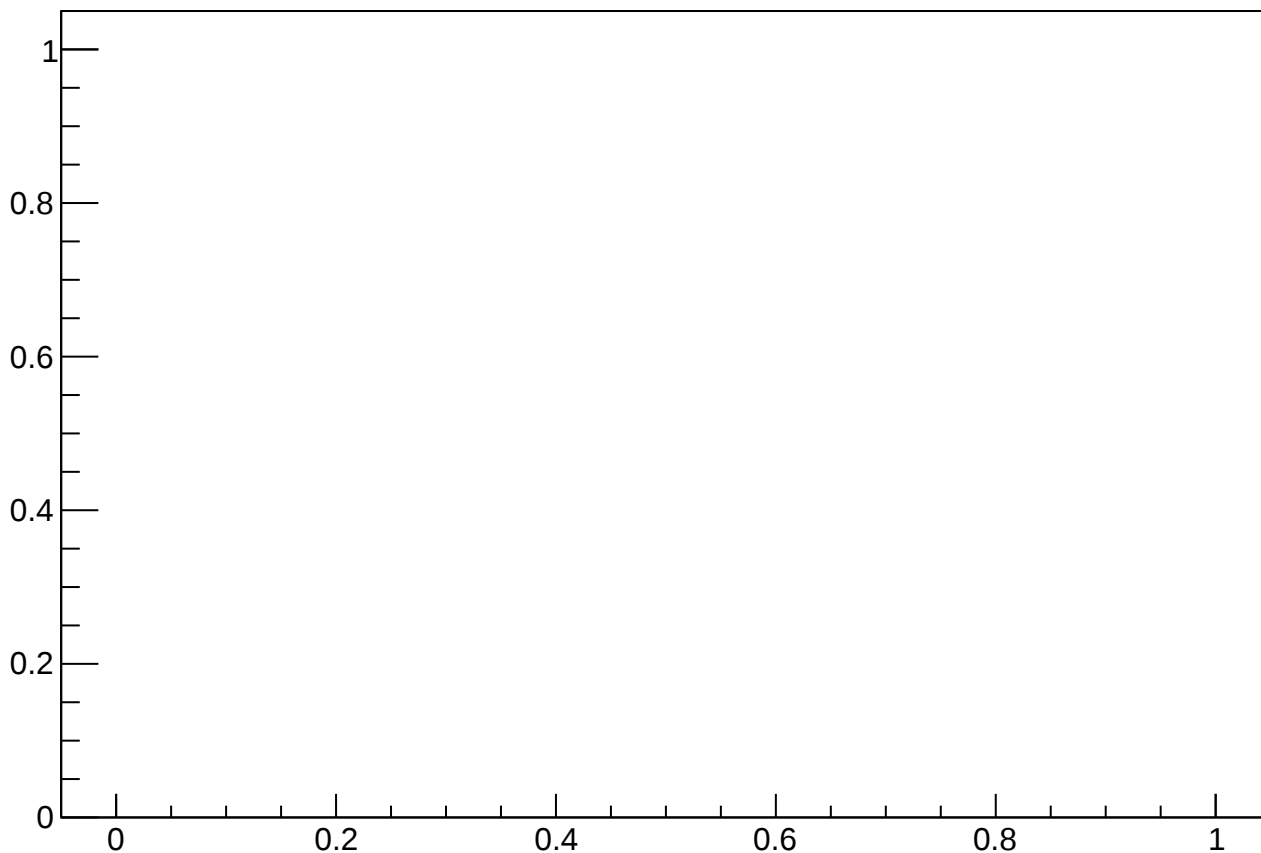
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

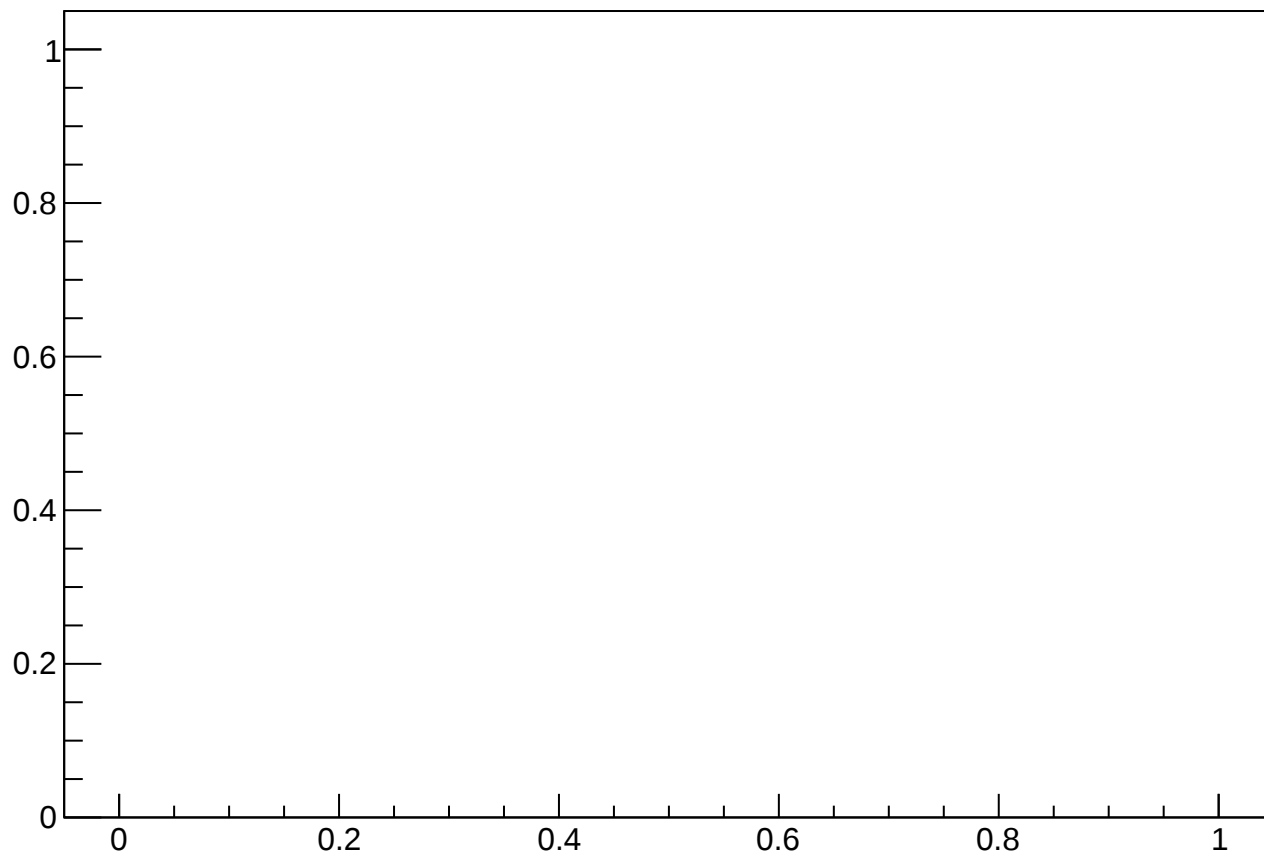
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

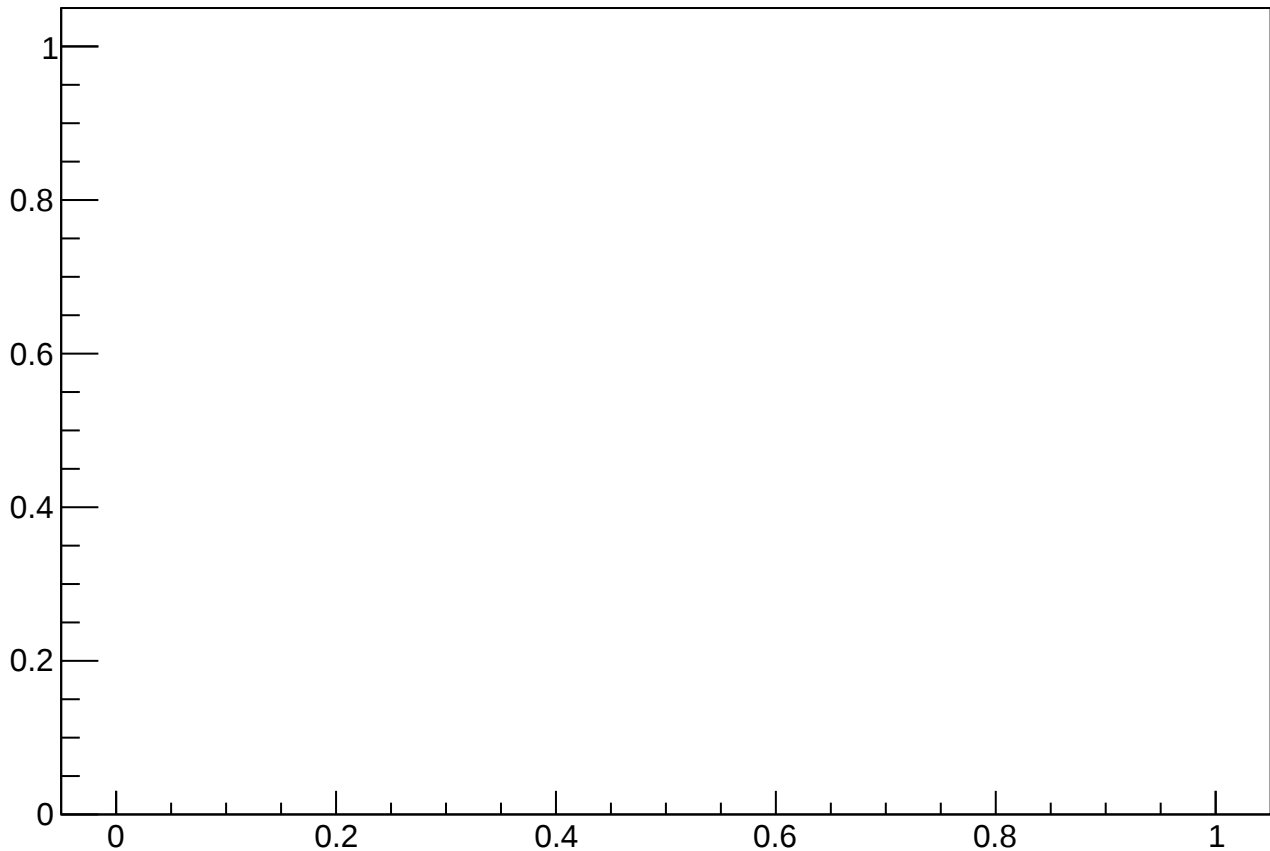
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

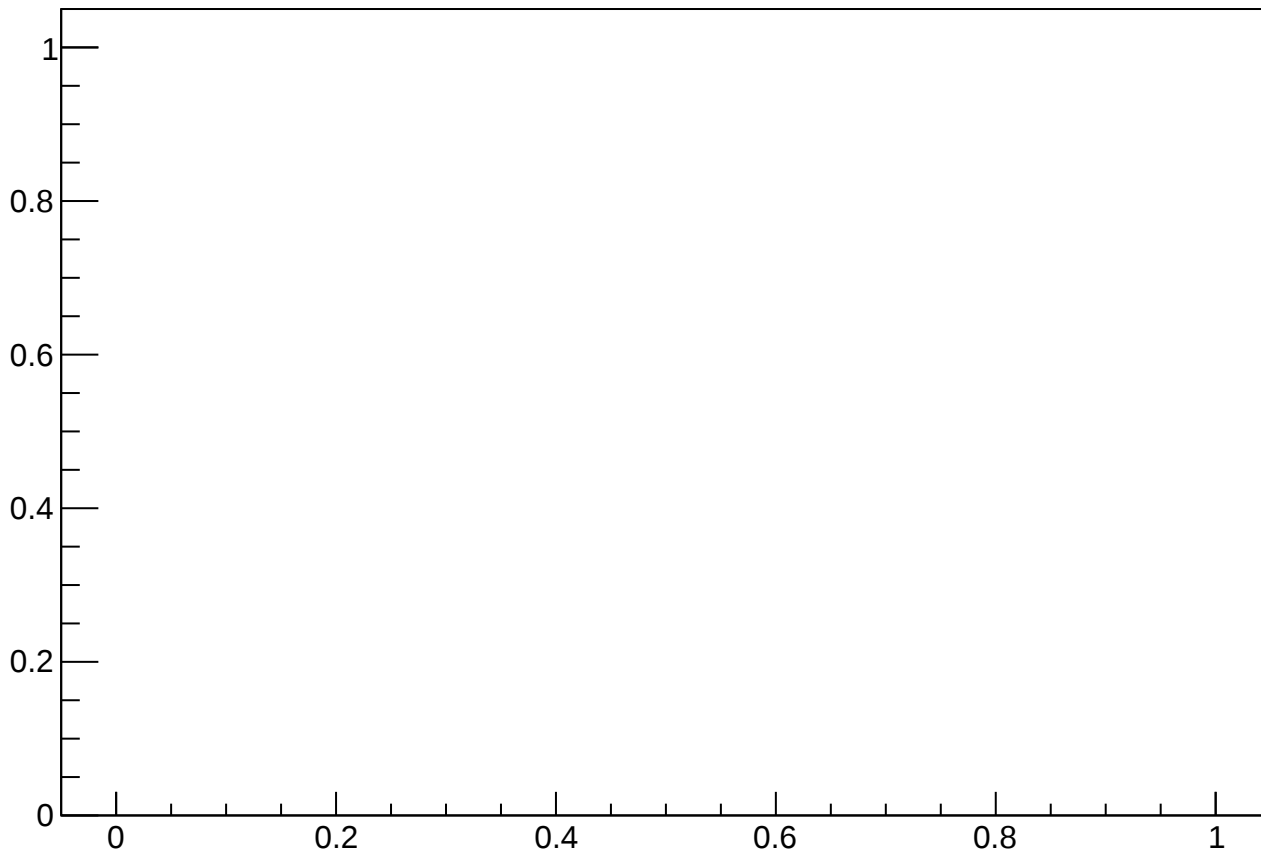
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

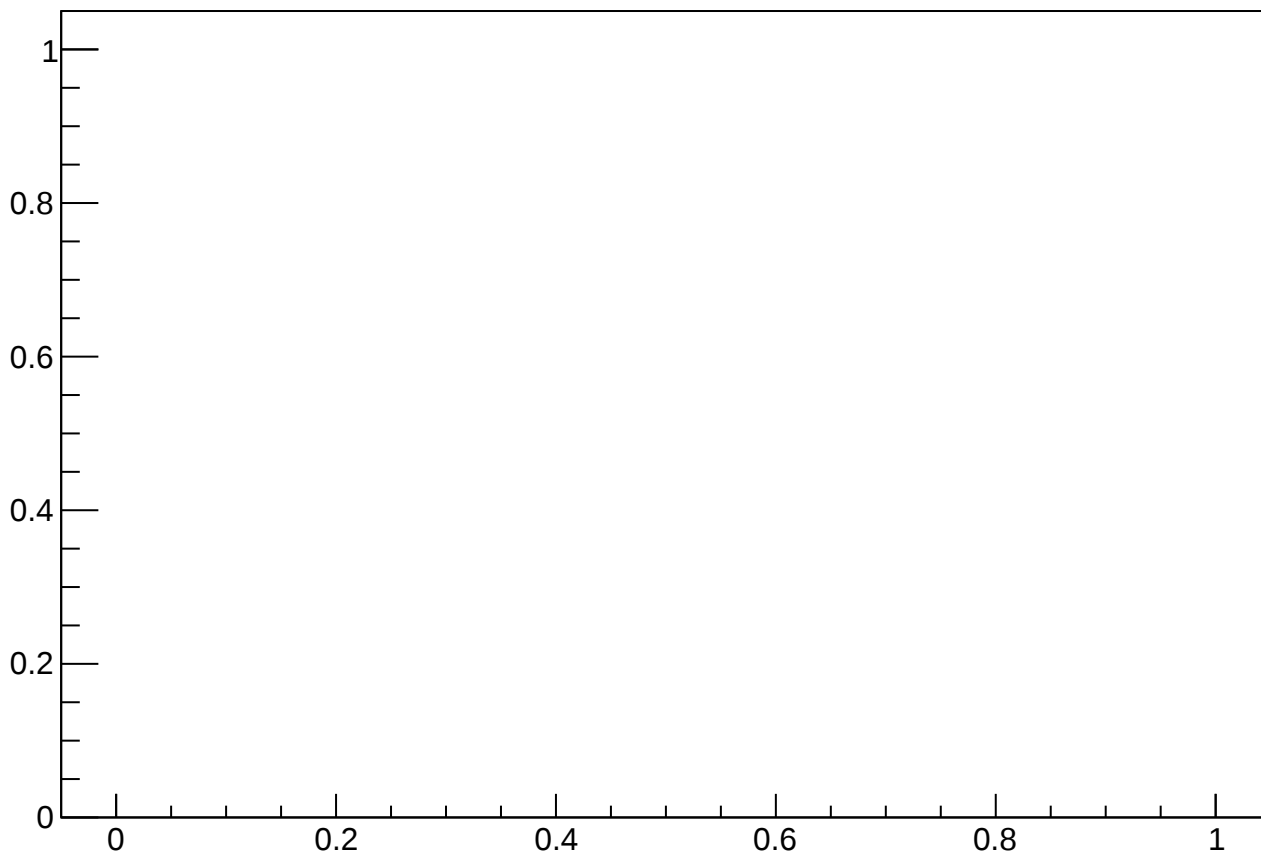
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

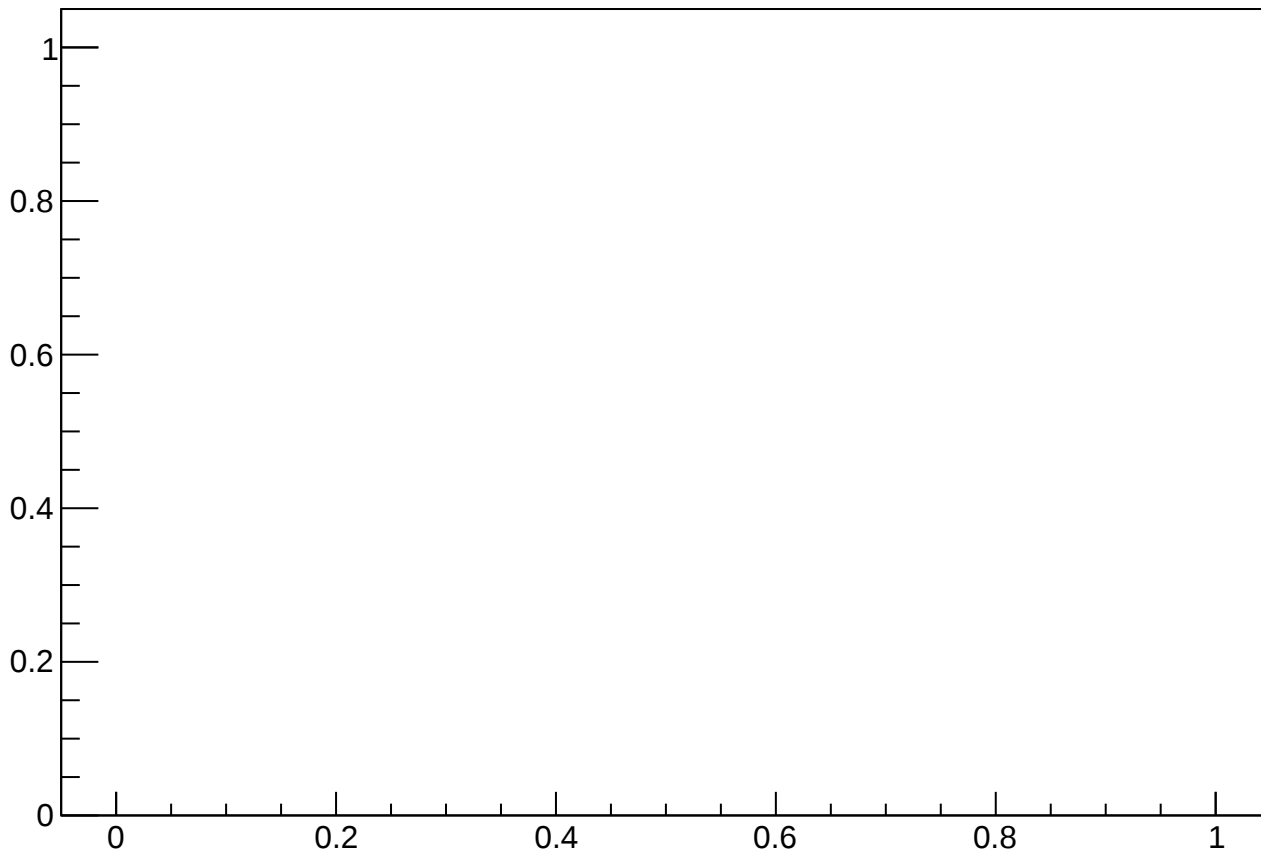
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

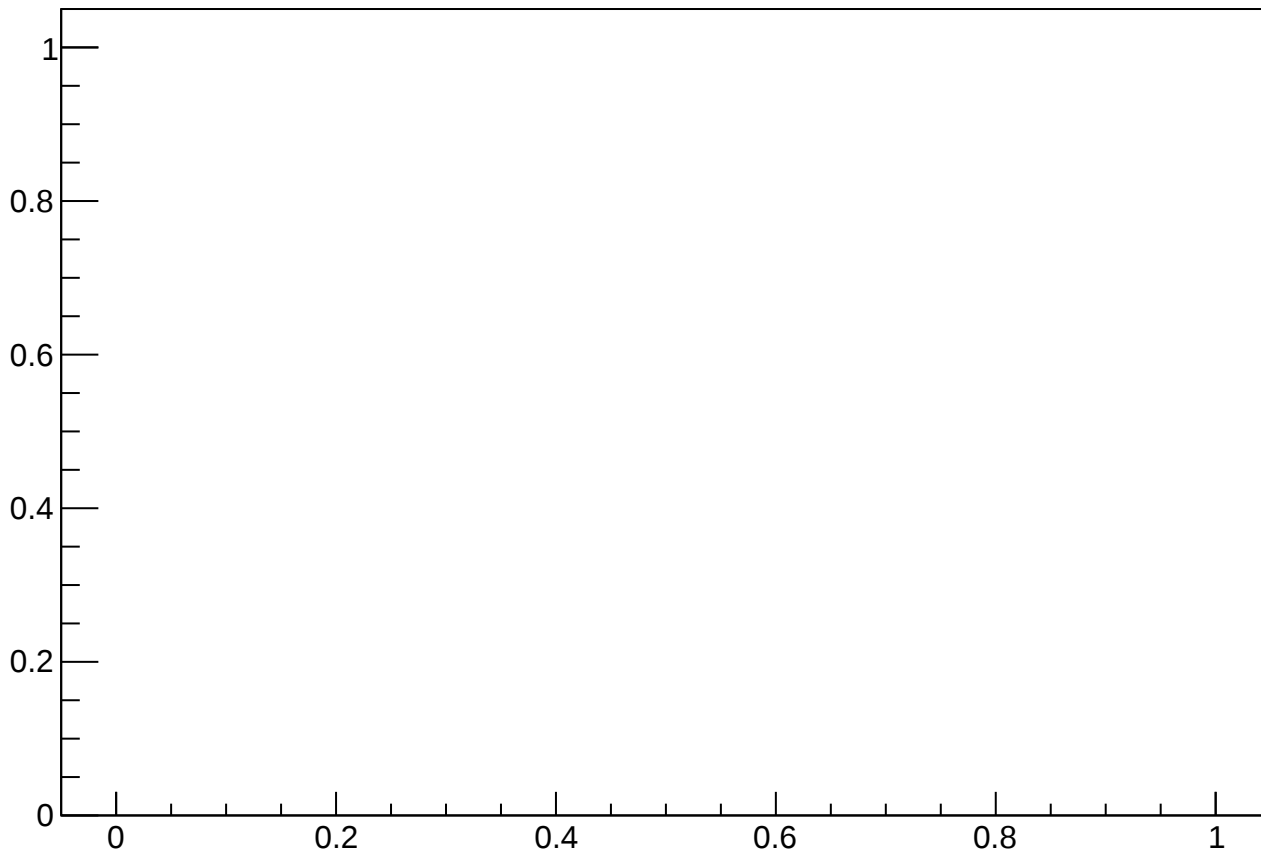
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

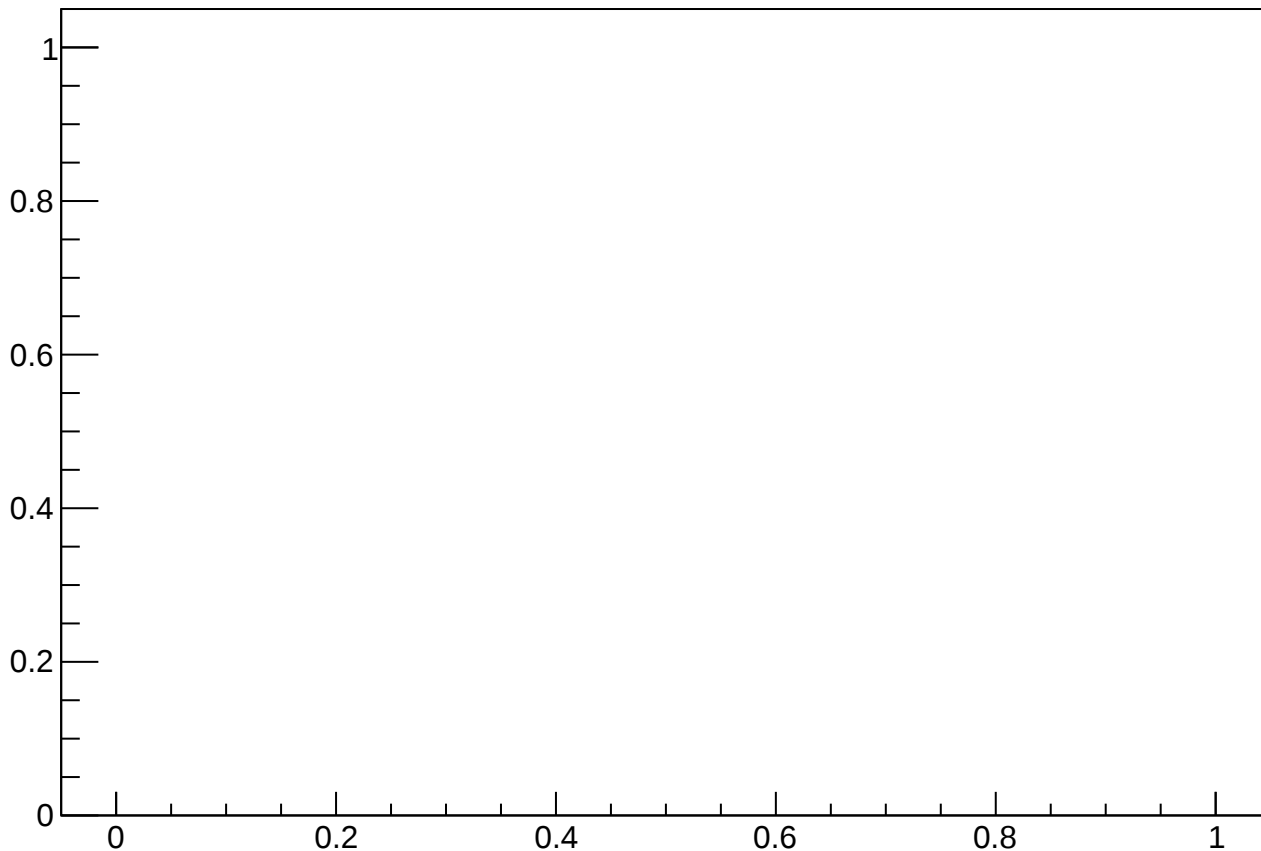
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

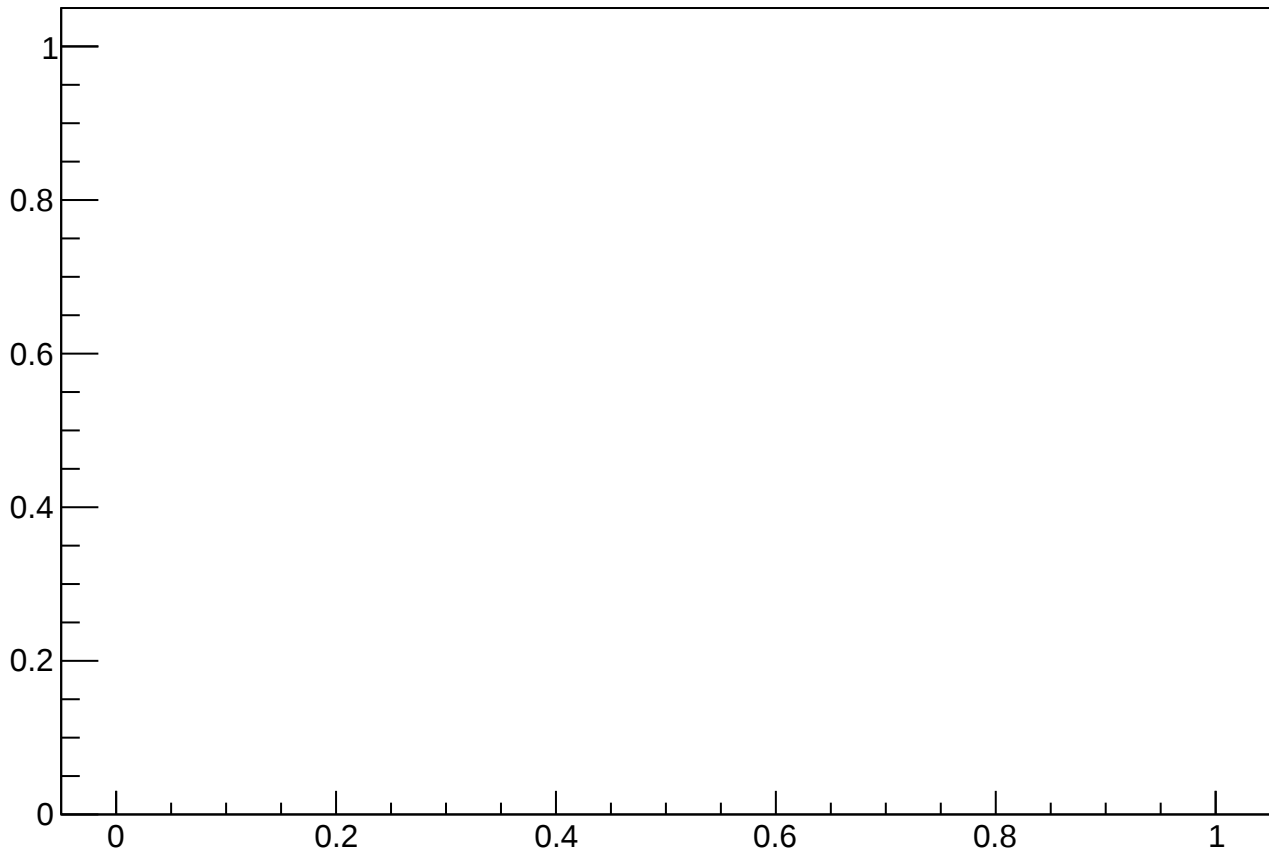
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

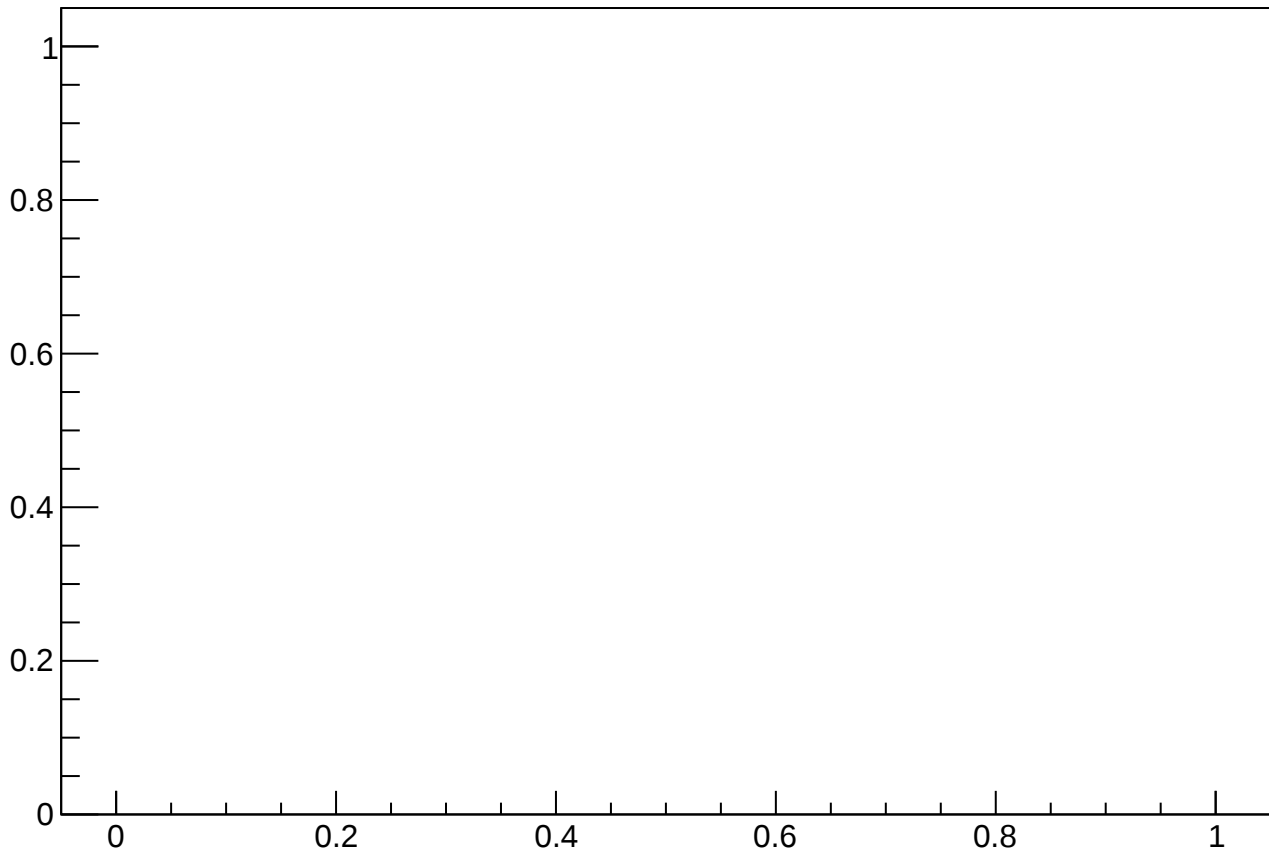
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

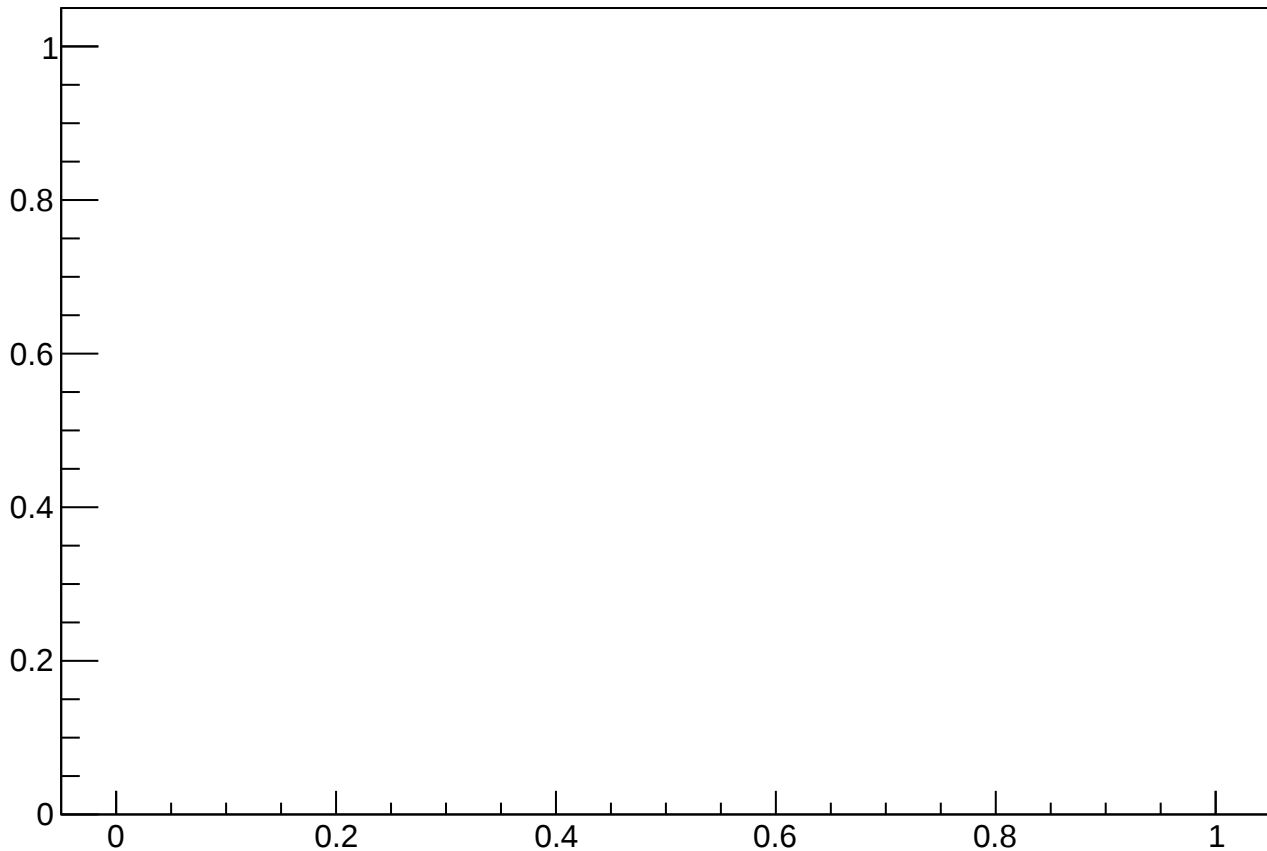
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

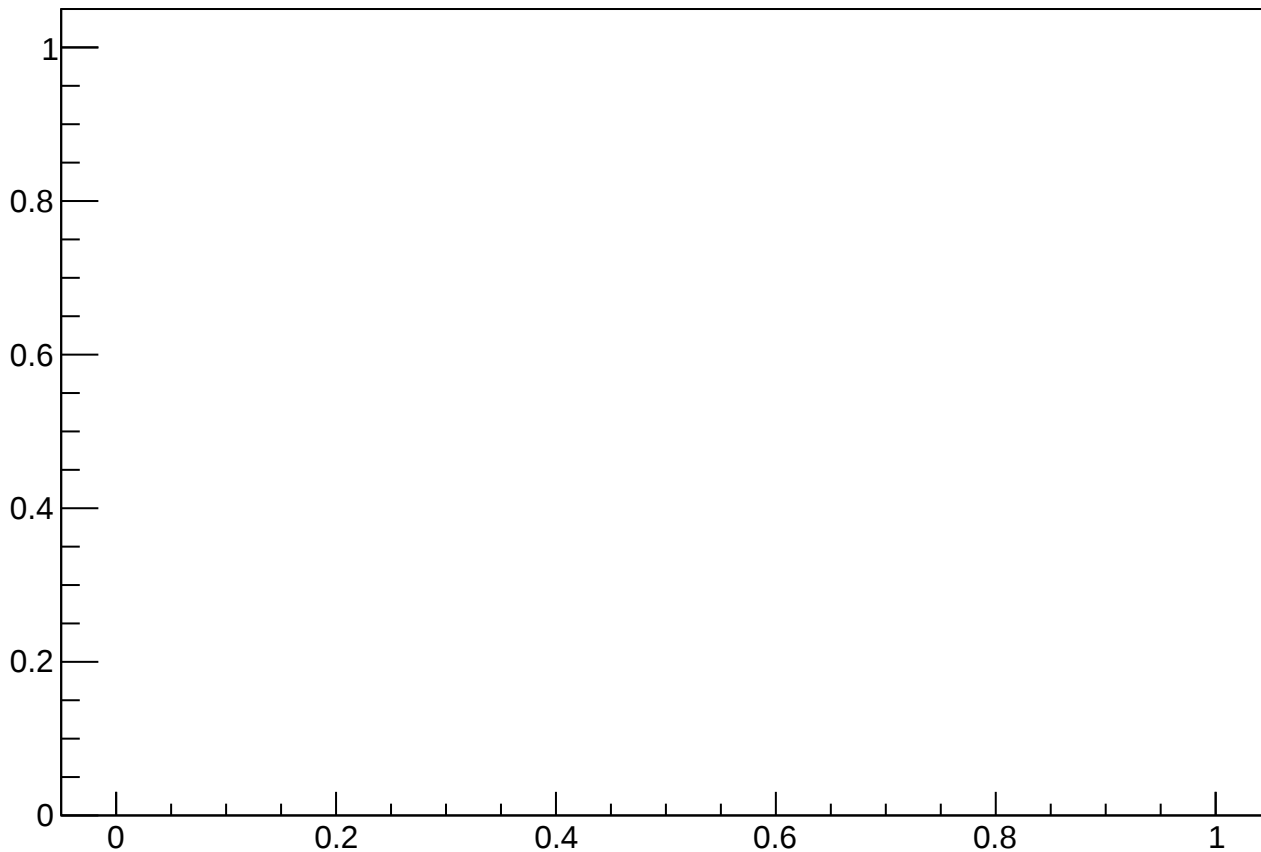
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

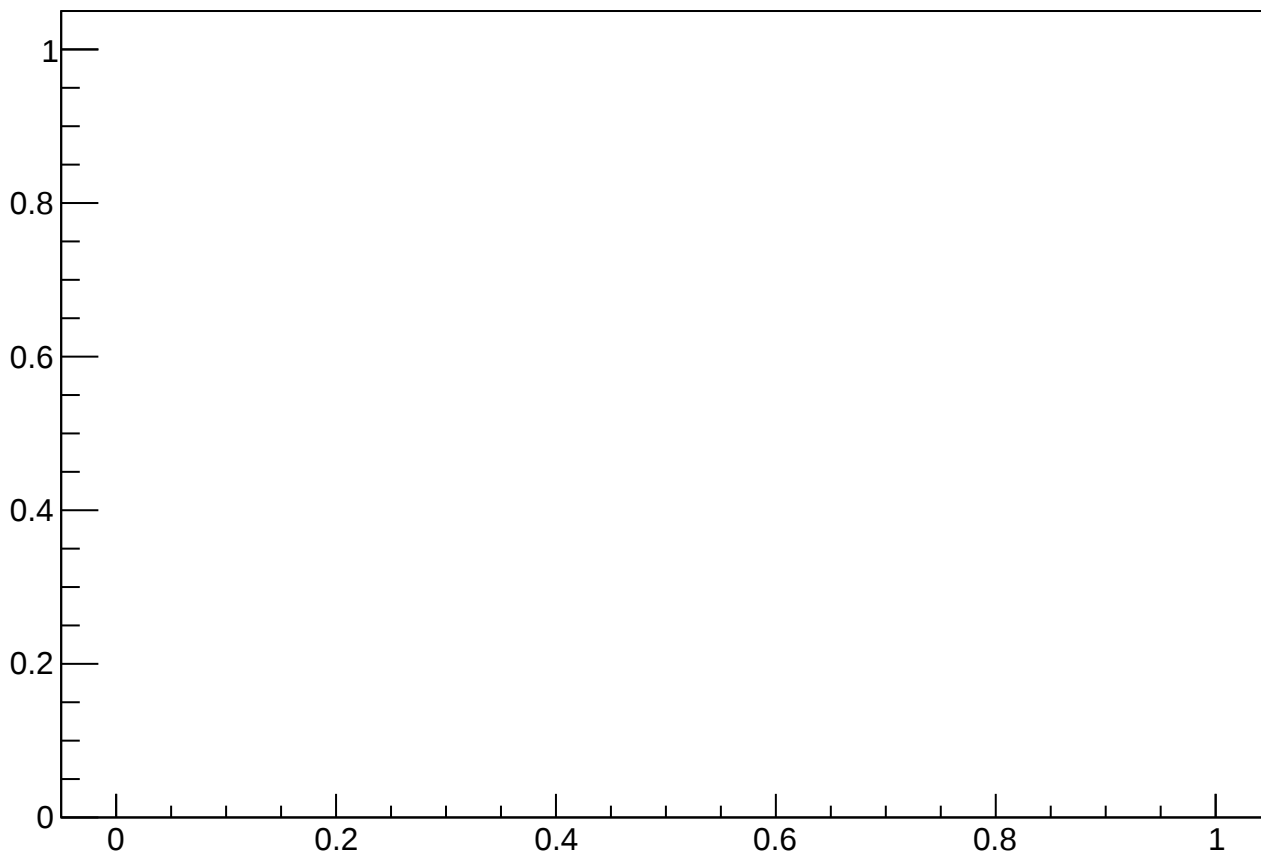
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

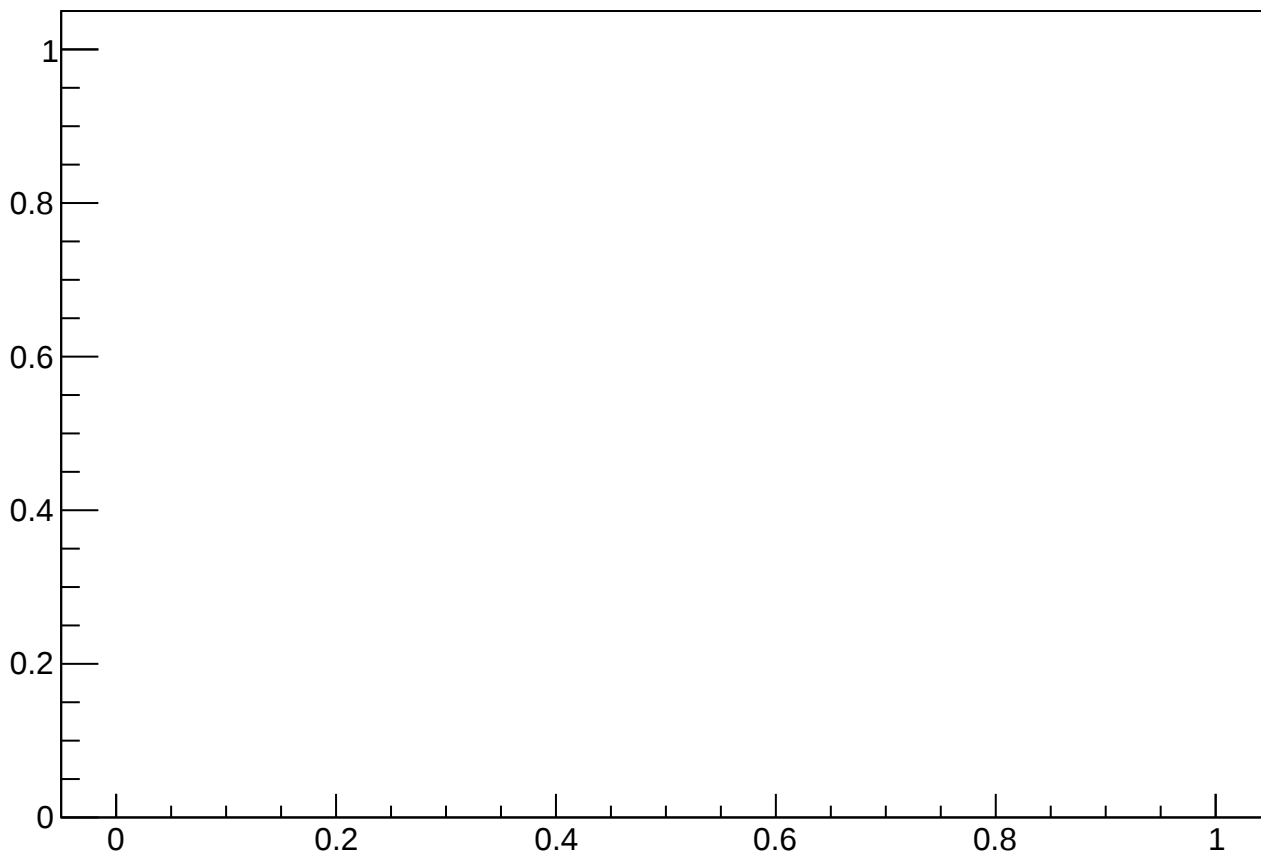
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

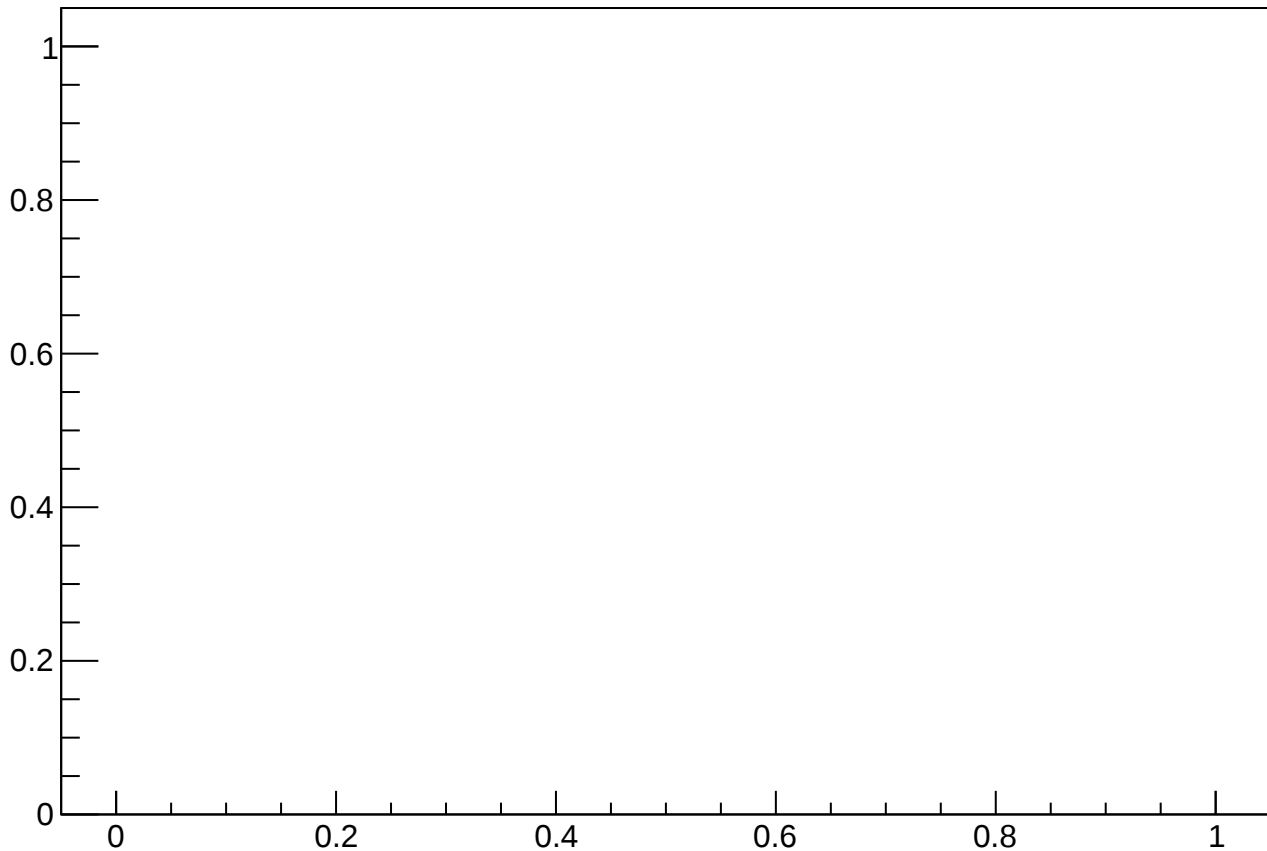
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

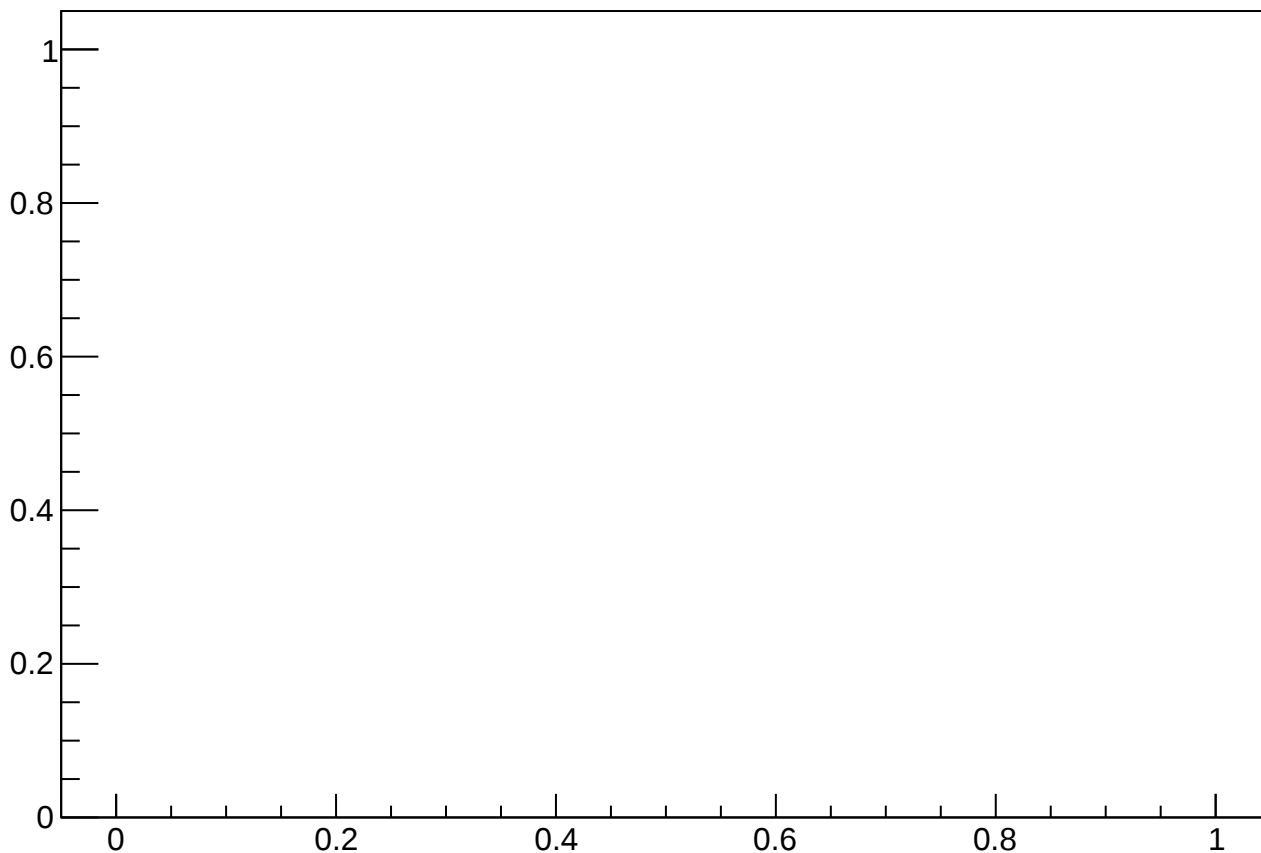
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

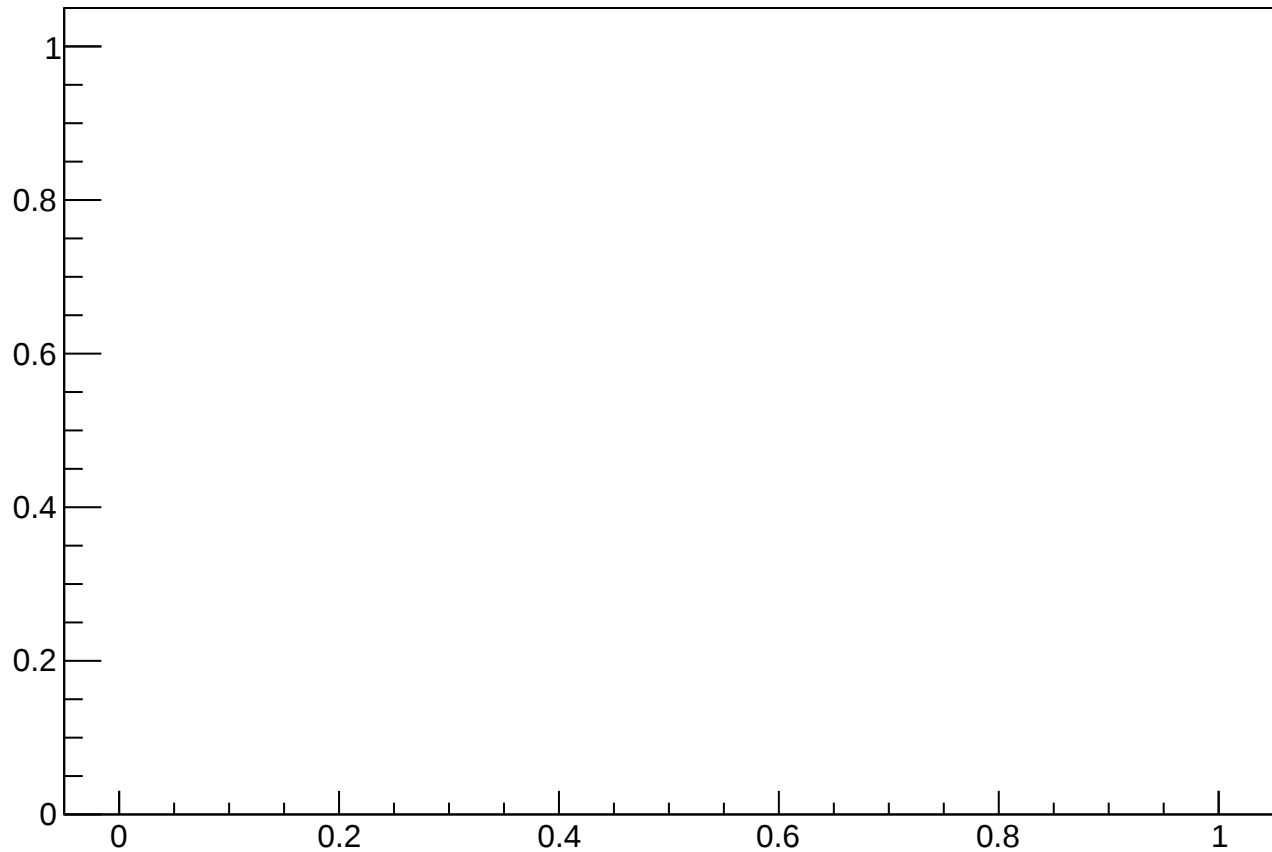
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

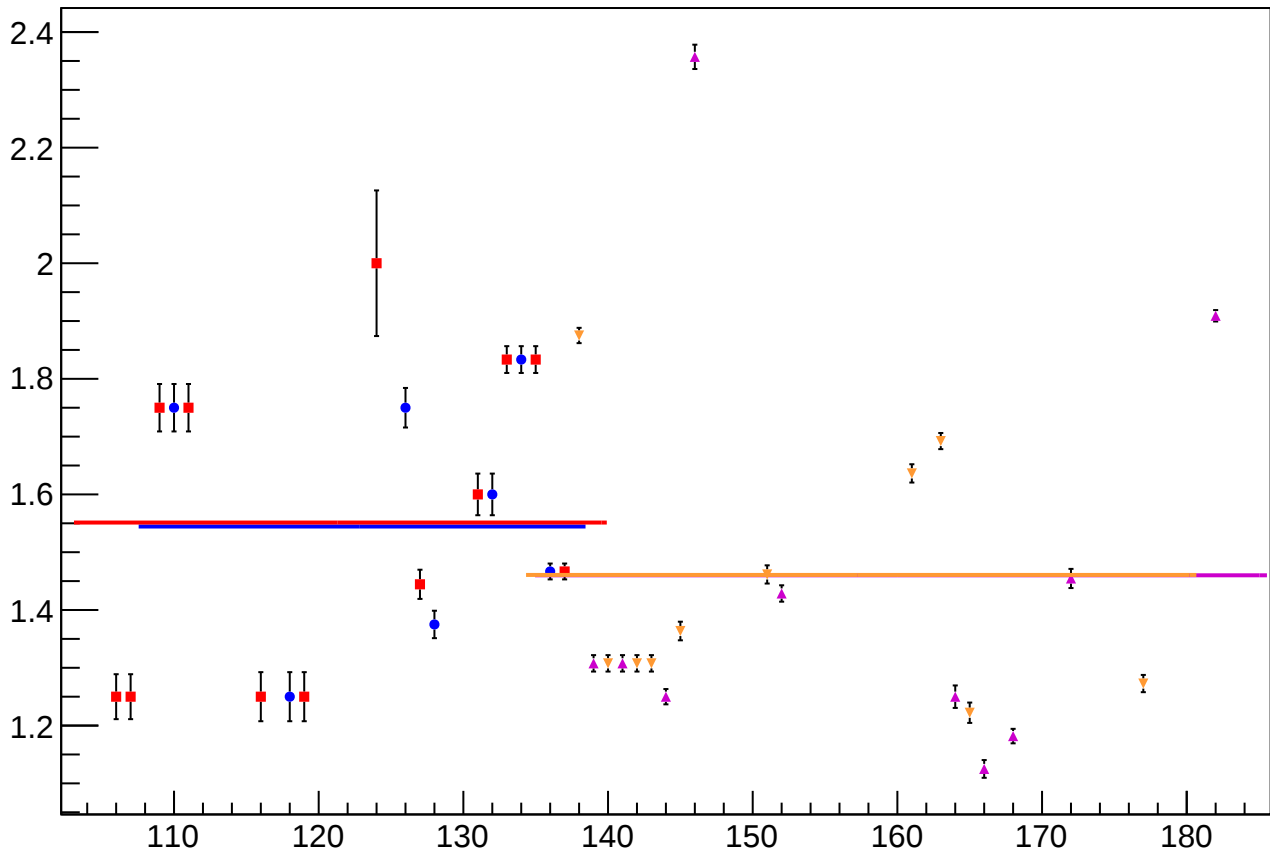
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF : 2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF : 5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

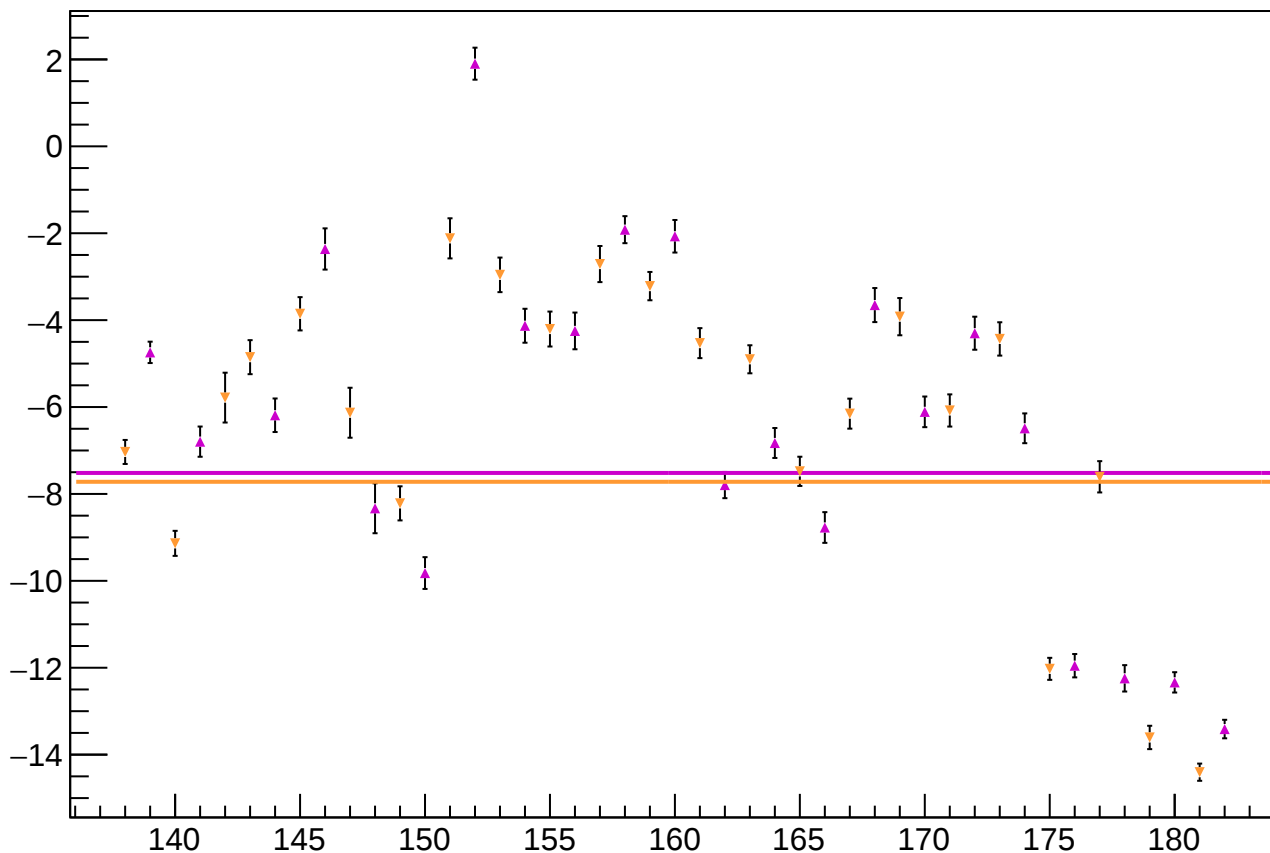
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF : 5869.6/16

Out: 1.483+/-0.004 χ^2/NDF : 2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -7.720 $\pm$ 0.071 χ^2 /NDF:3172.3/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -7.517 $\pm$ 0.070 χ^2 /NDF:3543.6/21

Left: -7.617 $\pm$ 0.050 χ^2 /NDF: 6720.1/44

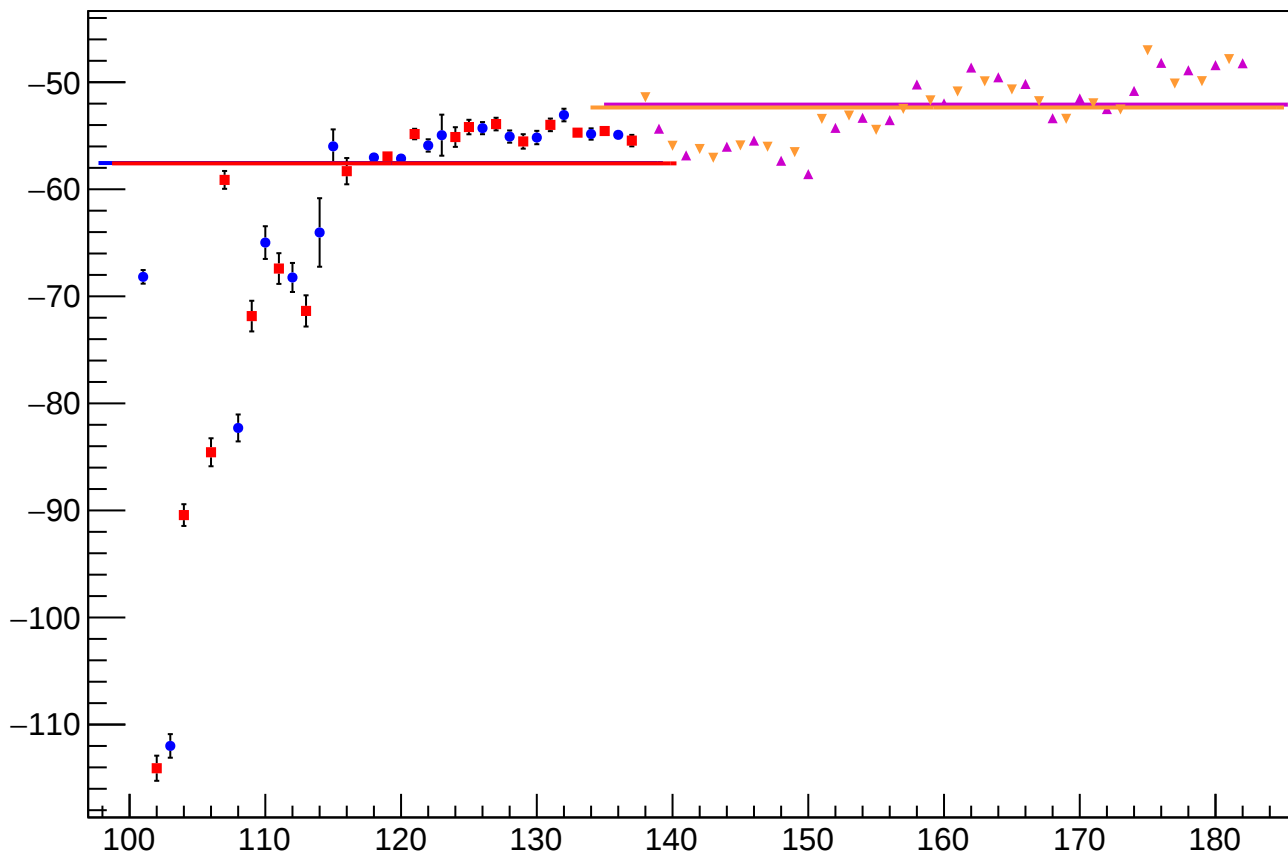
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.517 $\pm$ 0.070 χ^2 /NDF:3543.6/21

Out: -7.720 $\pm$ 0.071 χ^2 /NDF:3172.3/22

All: -7.617 $\pm$ 0.050 χ^2 /NDF: 6720.1/44

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: -52.361 $\pm$ 0.057 χ^2 /NDF:2520.2/22

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -52.092 $\pm$ 0.058 χ^2 /NDF:3177.0/21

Left: -52.228 $\pm$ 0.040 χ^2 /NDF: 5708.2/44

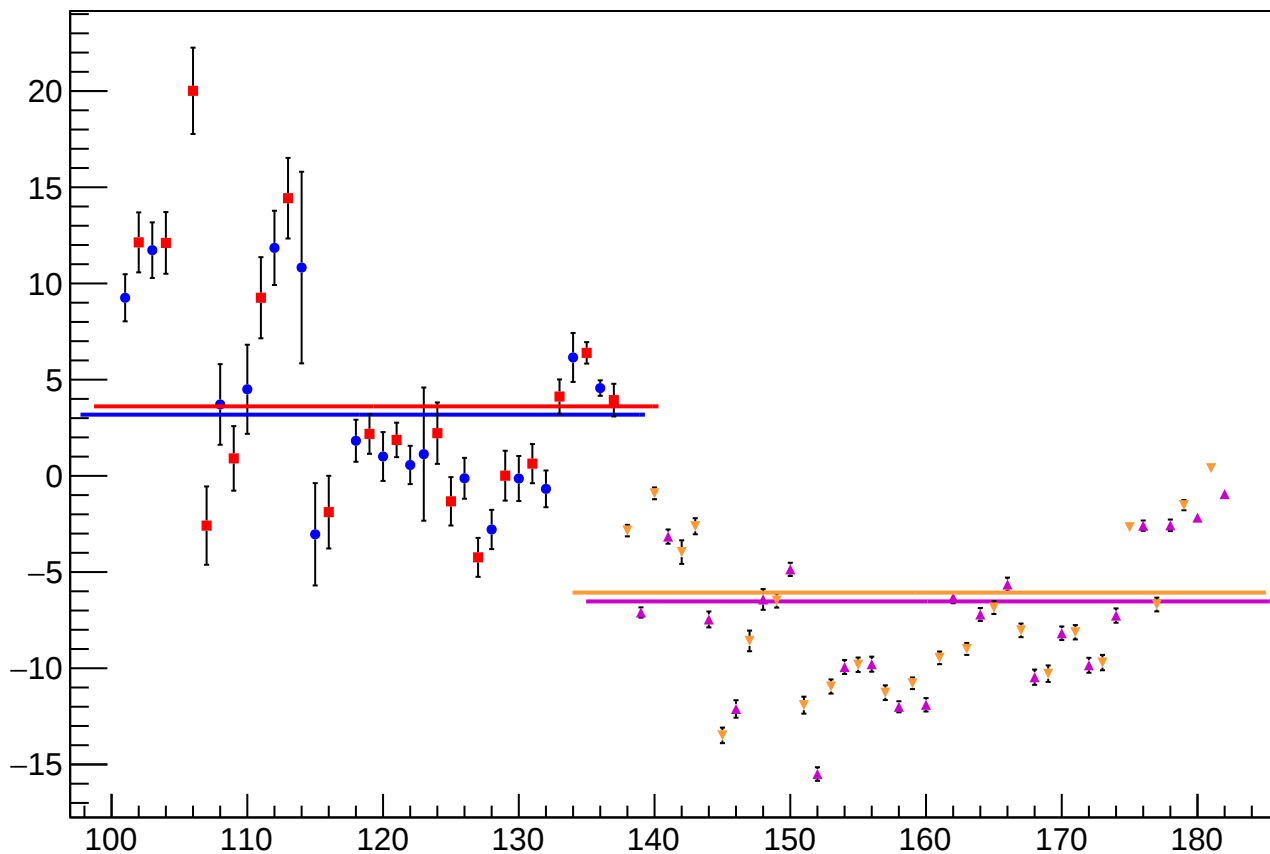
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -52.870 $\pm$ 0.053 χ^2 /NDF:7911.3/38

Out: -53.072 $\pm$ 0.053 χ^2 /NDF:8016.2/40

All: -52.972 $\pm$ 0.038 χ^2 /NDF: 15934.7/79

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.067 ± 0.071 χ^2/NDF : 3622.0/22

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -6.526 ± 0.069 χ^2/NDF : 3260.5/21

Left: -6.300 ± 0.049 χ^2/NDF : 6904.0/44

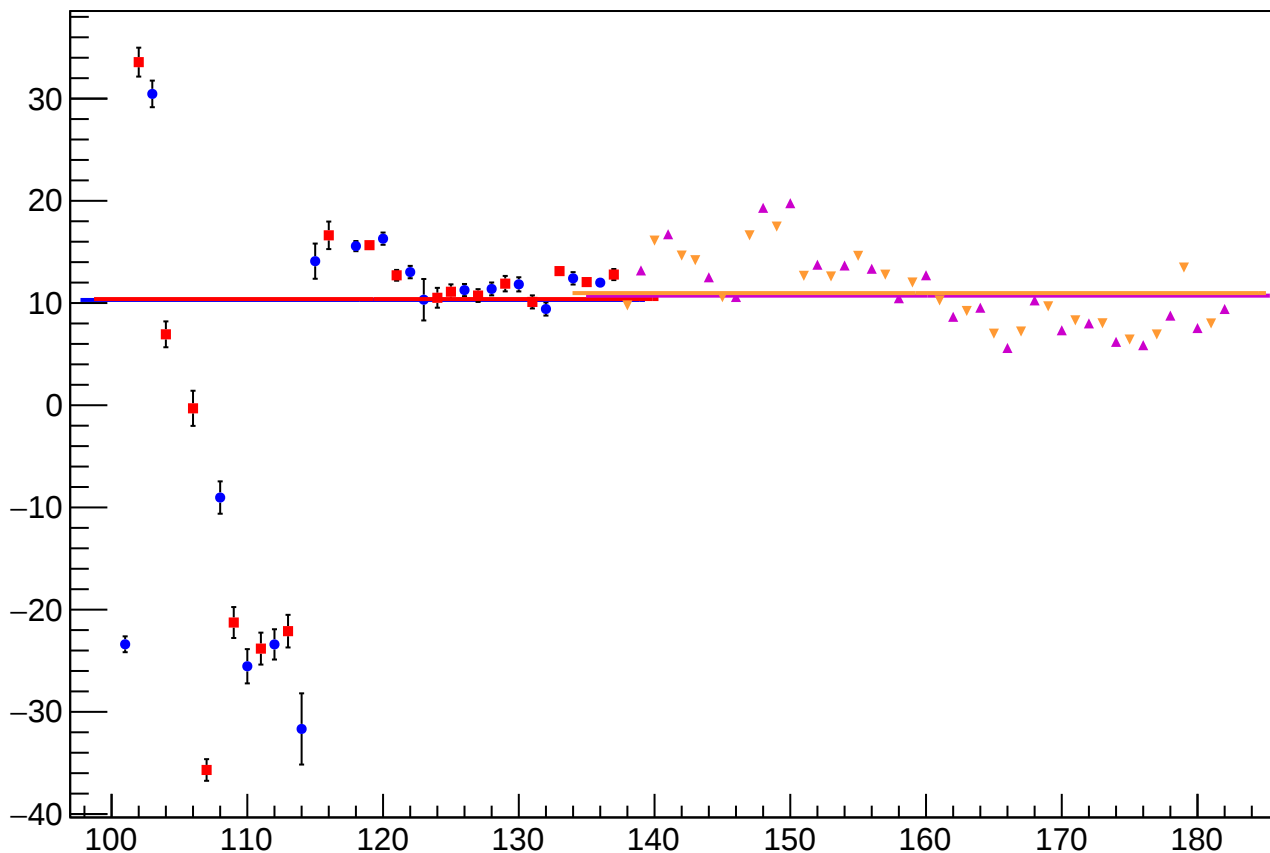
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.870 ± 0.067 χ^2/NDF : 4765.7/38

Out: -5.440 ± 0.068 χ^2/NDF : 5132.3/40

All: -5.659 ± 0.048 χ^2/NDF : 9918.2/79

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 10.973 $\pm$ 0.063 χ^2 /NDF: 2624.9/22

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 10.721 $\pm$ 0.064 χ^2 /NDF: 3493.1/21

Left: 10.848 $\pm$ 0.045 χ^2 /NDF: 6125.8/44

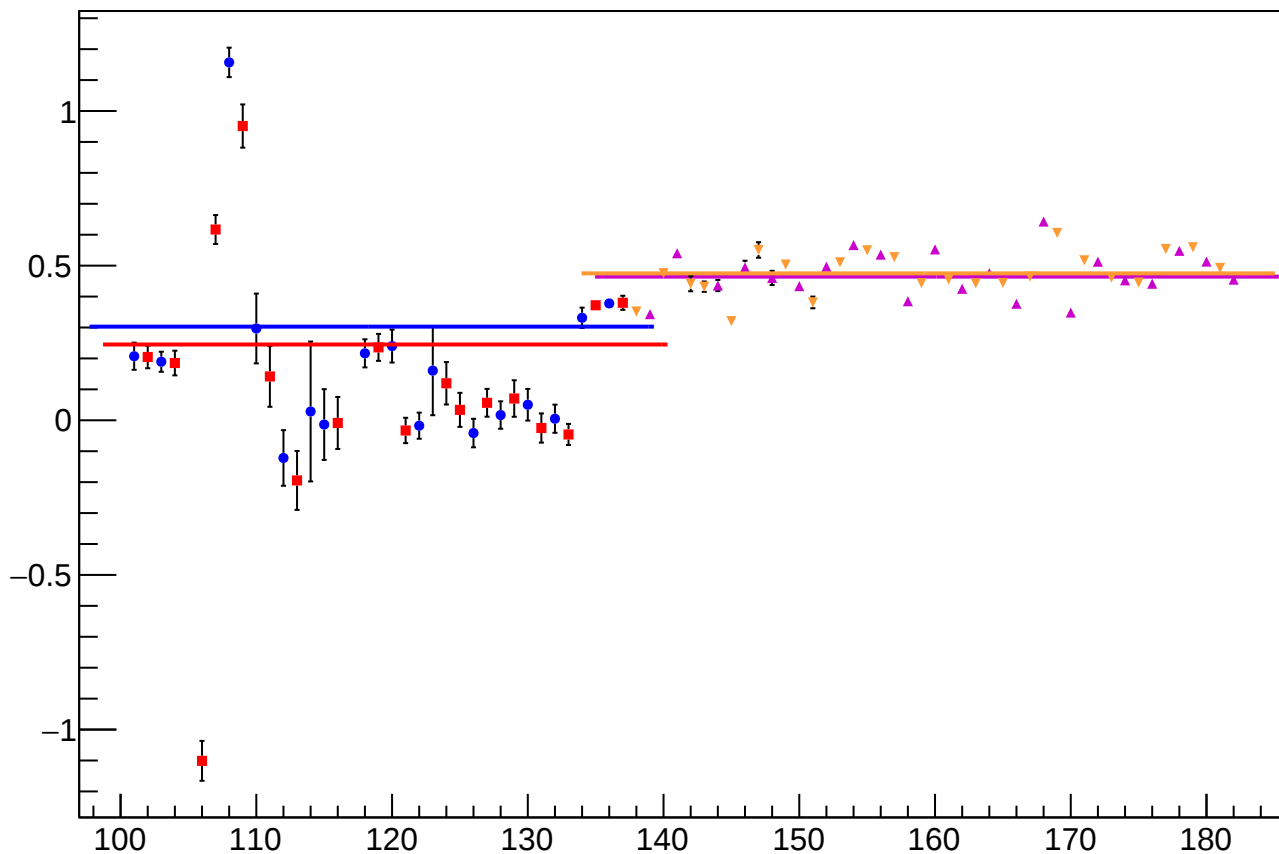
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 10.662 $\pm$ 0.059 χ^2 /NDF: 7198.6/38

Out: 10.893 $\pm$ 0.059 χ^2 /NDF: 6422.8/40

All: 10.778 $\pm$ 0.042 χ^2 /NDF: 13629.1/79

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.475 ± 0.003 χ^2/NDF : 503.0/22

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.465 ± 0.003 χ^2/NDF : 744.0/21

Left: 0.470 ± 0.002 χ^2/NDF : 1253.8/44

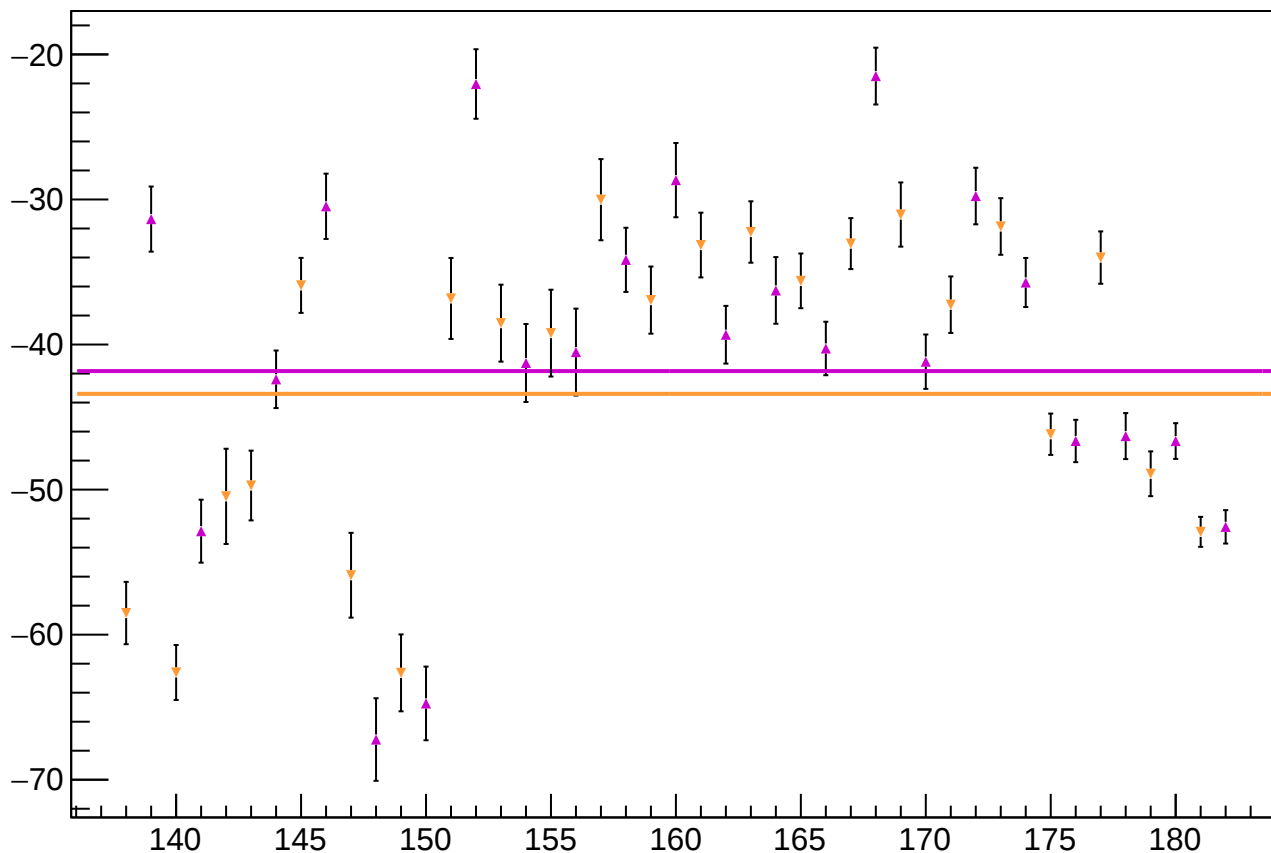
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.448 ± 0.003 χ^2/NDF : 1739.5/38

Out: 0.452 ± 0.003 χ^2/NDF : 2112.6/40

All: 0.450 ± 0.002 χ^2/NDF : 3853.3/79

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.399+/-0.411 χ^2/NDF :596.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.830+/-0.405 χ^2/NDF :629.9/21

Left: -42.602+/-0.289 χ^2/NDF : 1234.3/44

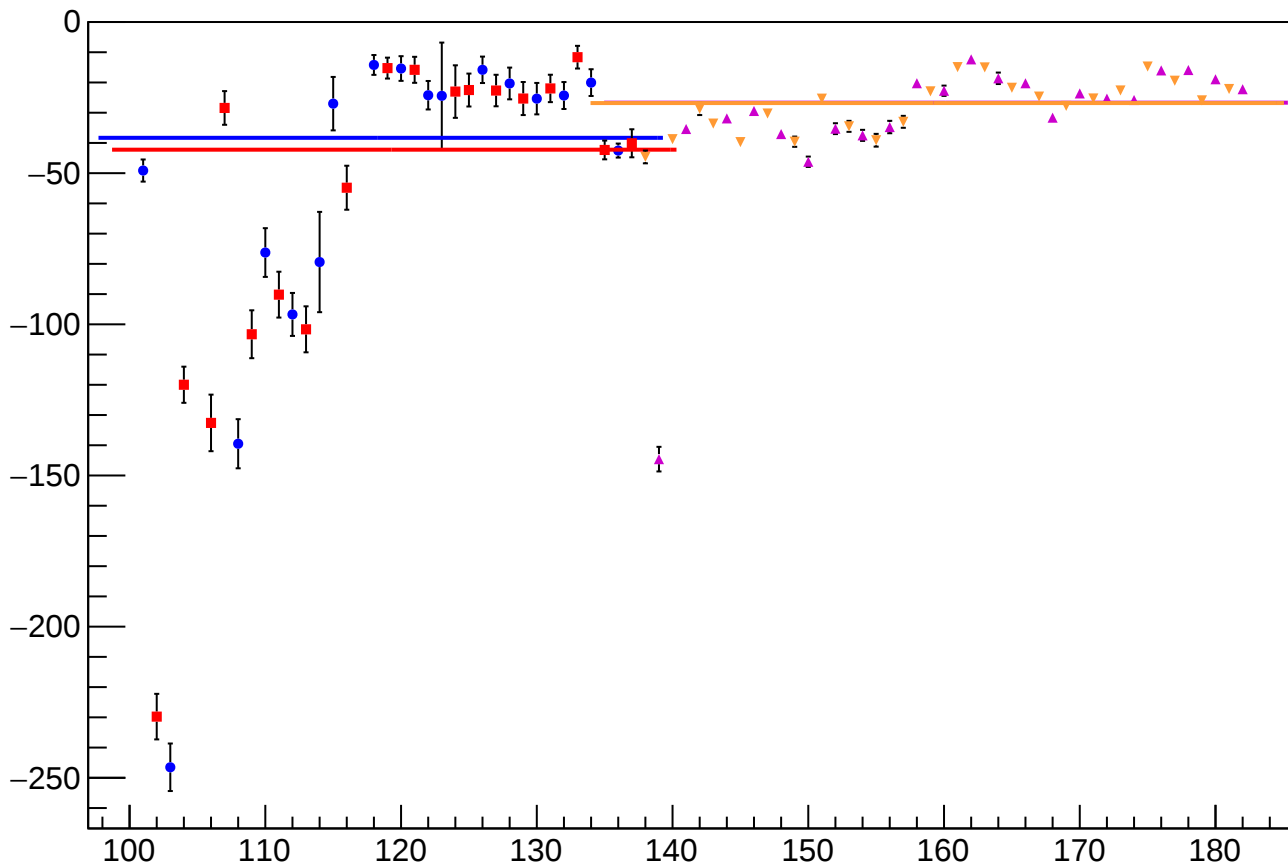
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.830+/-0.405 χ^2/NDF :629.9/21

Out: -43.399+/-0.411 χ^2/NDF :596.9/22

All: -42.602+/-0.289 χ^2/NDF : 1234.3/44

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.810 ± 0.329 $\chi^2/\text{NDF}: 603.6/22$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -26.678 ± 0.330 $\chi^2/\text{NDF}: 1473.7/21$

Left: -26.744 ± 0.233 $\chi^2/\text{NDF}: 2077.3/44$

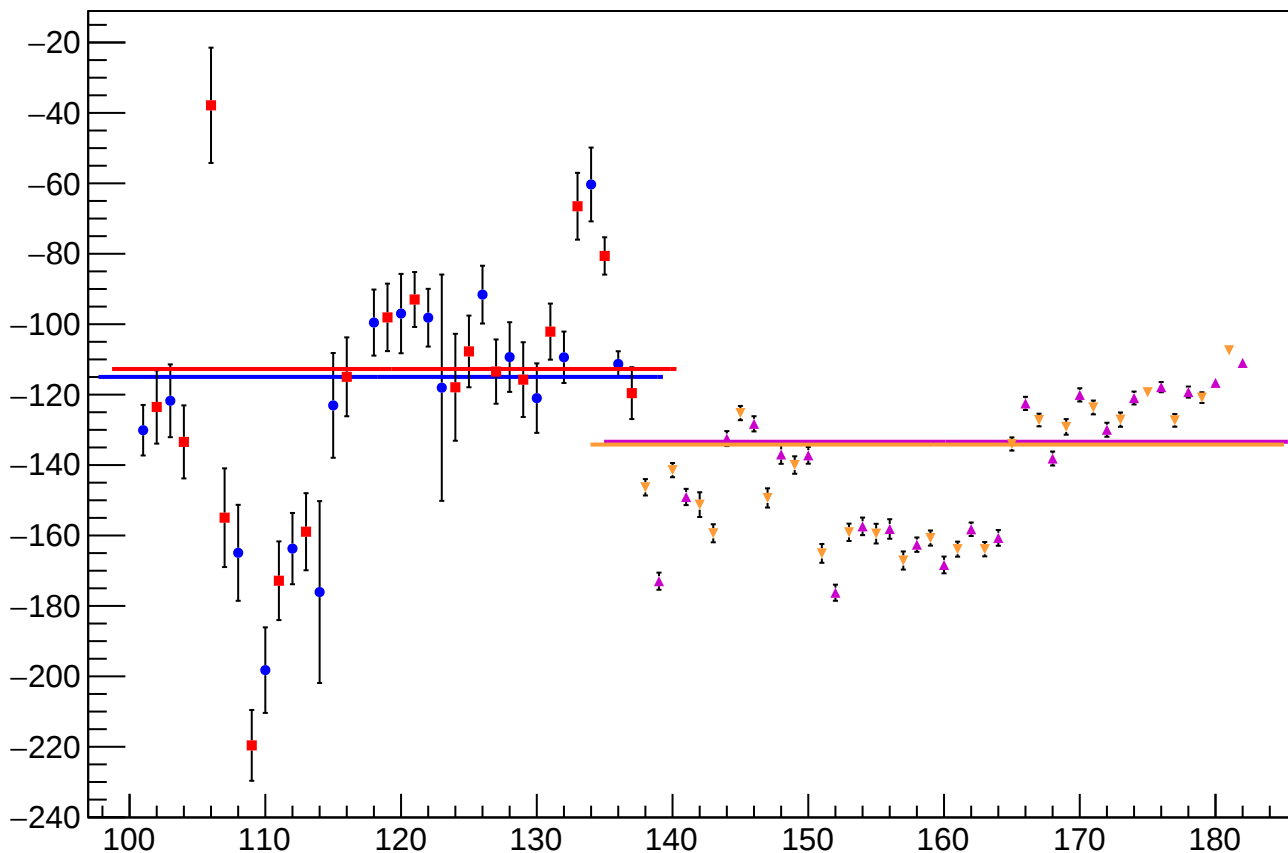
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -27.578 ± 0.317 $\chi^2/\text{NDF}: 2702.7/38$

Out: -27.870 ± 0.317 $\chi^2/\text{NDF}: 2033.1/40$

All: -27.724 ± 0.224 $\chi^2/\text{NDF}: 4736.2/79$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -134.178 ± 0.413 $\chi^2/\text{NDF}: 2138.5/22$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -133.383 ± 0.405 $\chi^2/\text{NDF}: 2453.9/21$

Left: -133.773 ± 0.289 $\chi^2/\text{NDF}: 4594.3/44$

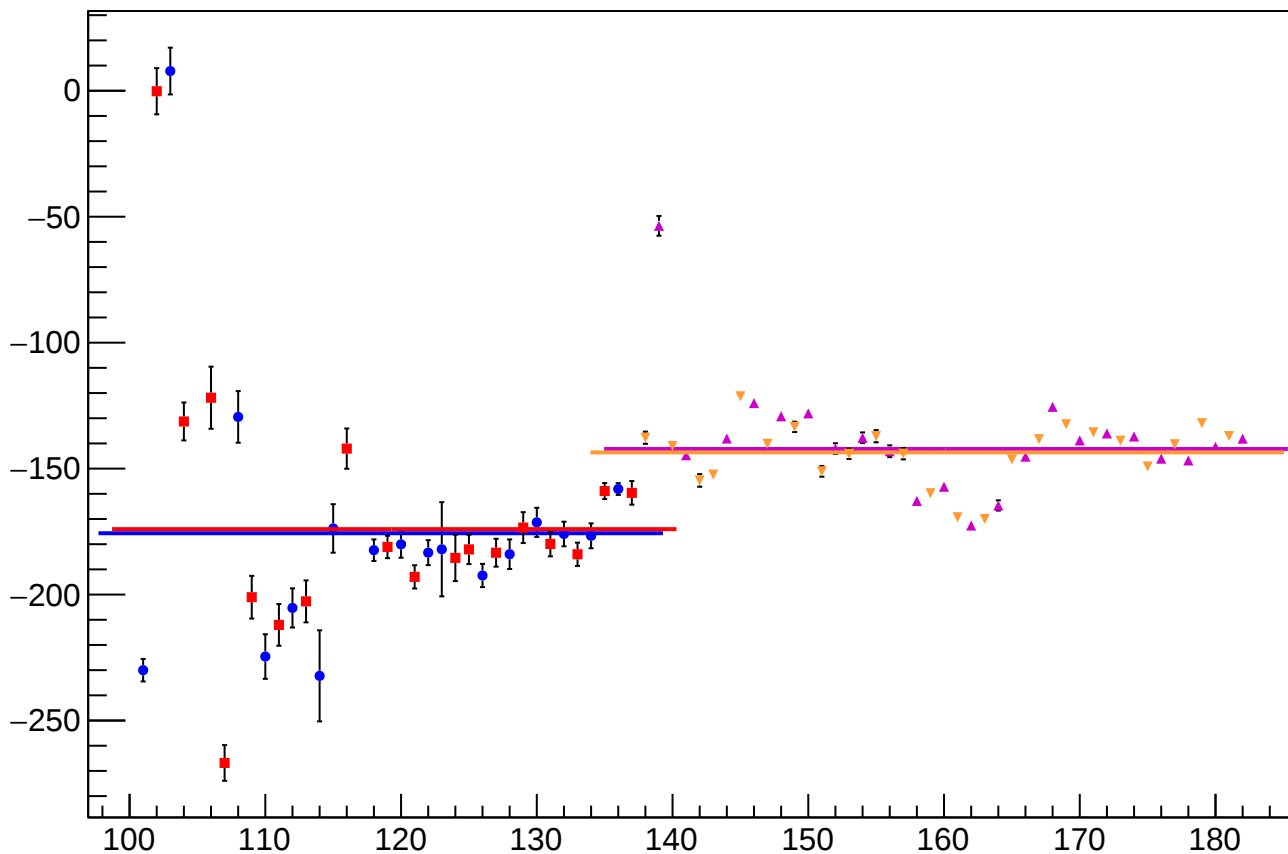
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -132.707 ± 0.397 $\chi^2/\text{NDF}: 2671.2/38$

Out: -133.455 ± 0.406 $\chi^2/\text{NDF}: 2496.7/40$

All: -133.073 ± 0.284 $\chi^2/\text{NDF}: 5169.7/79$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.558 ± 0.369 χ^2/NDF : 1018.4/22

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.210 ± 0.368 χ^2/NDF : 1551.4/21

Left: -142.881 ± 0.261 χ^2/NDF : 2576.5/44

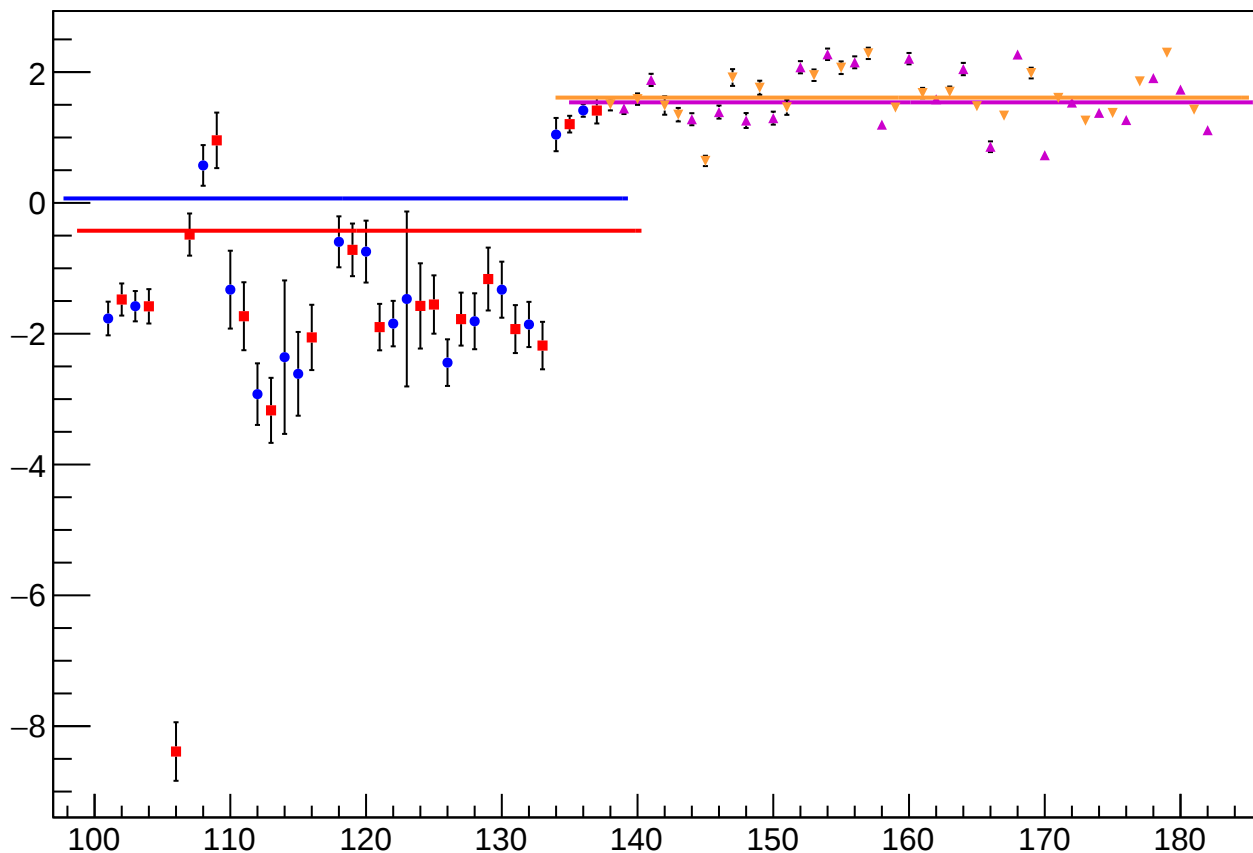
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.800 ± 0.353 χ^2/NDF : 2884.0/38

Out: -145.665 ± 0.356 χ^2/NDF : 2192.3/40

All: -145.229 ± 0.251 χ^2/NDF : 5079.3/79

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.610 ± 0.017 χ^2/NDF : 463.4/22

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.537 ± 0.017 χ^2/NDF : 710.6/21

Left: 1.573 ± 0.012 χ^2/NDF : 1183.4/44

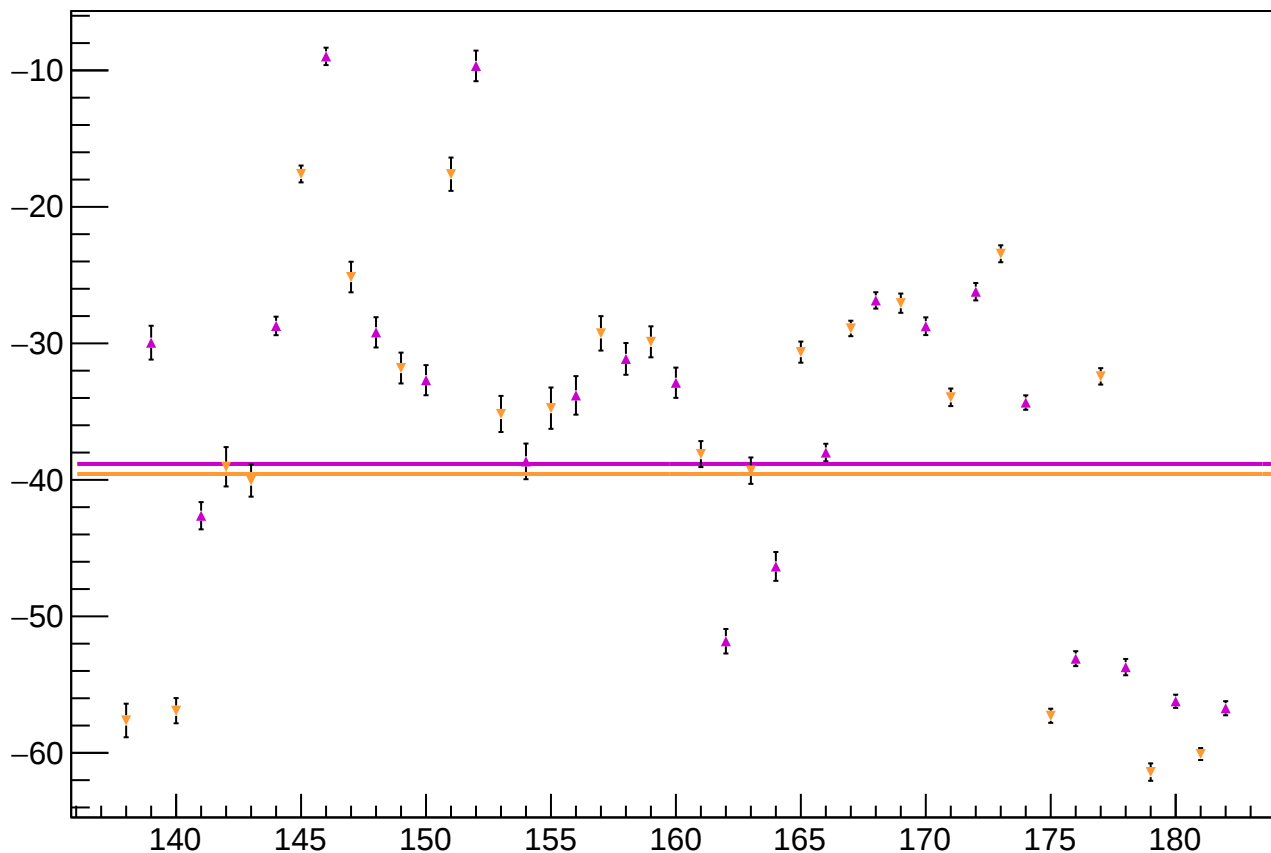
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.452 ± 0.016 χ^2/NDF : 1689.0/38

Out: 1.500 ± 0.017 χ^2/NDF : 1978.5/40

All: 1.475 ± 0.012 χ^2/NDF : 3672.0/79

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.834+/-0.156 χ^2/NDF : 8487.8/21

Left: -39.189+/-0.112 χ^2/NDF : 17270.3/44

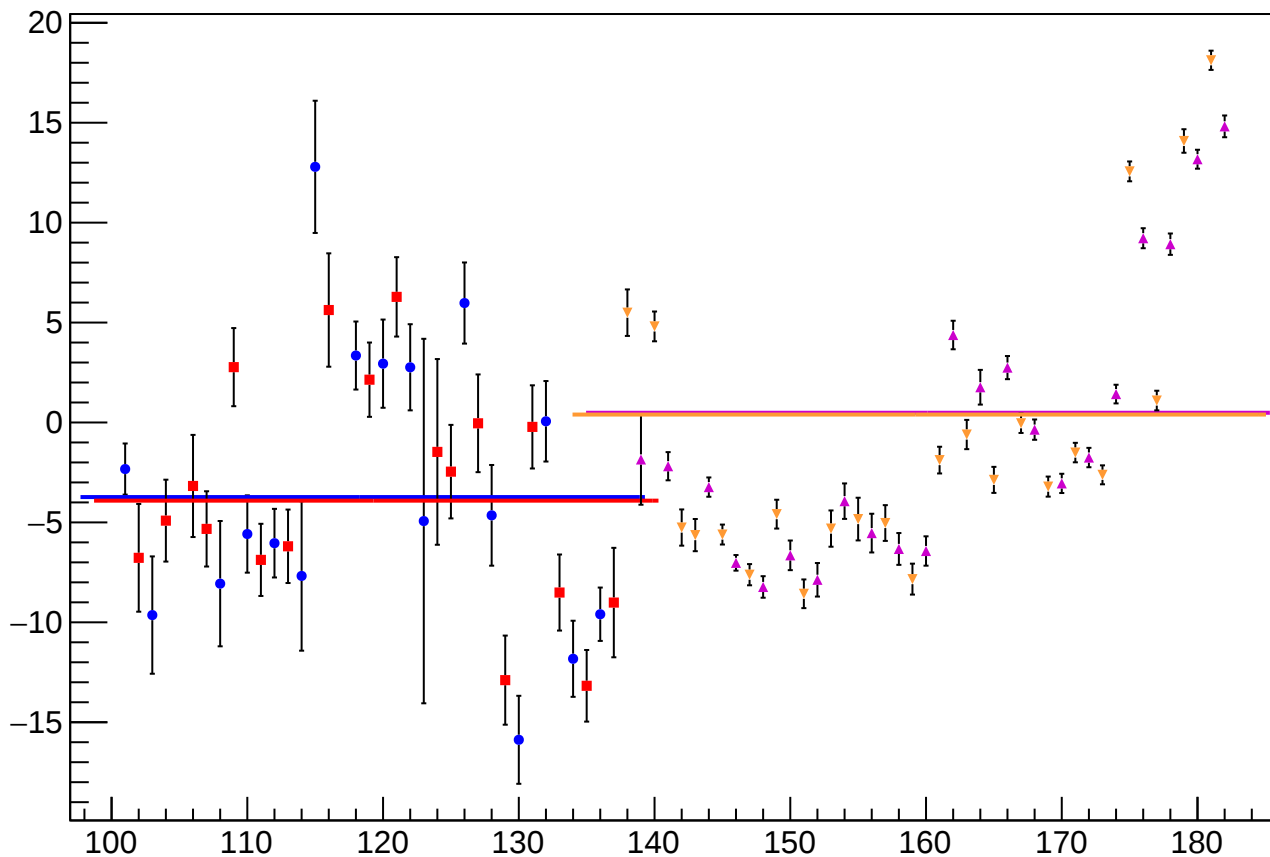
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.834+/-0.156 χ^2/NDF : 8487.8/21

Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

All: -39.189+/-0.112 χ^2/NDF : 17270.3/44

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.397 ± 0.129 χ^2/NDF : 3587.1/22

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: 0.487 ± 0.125 χ^2/NDF : 3215.9/21

Left: 0.443 ± 0.090 χ^2/NDF : 6803.3/44

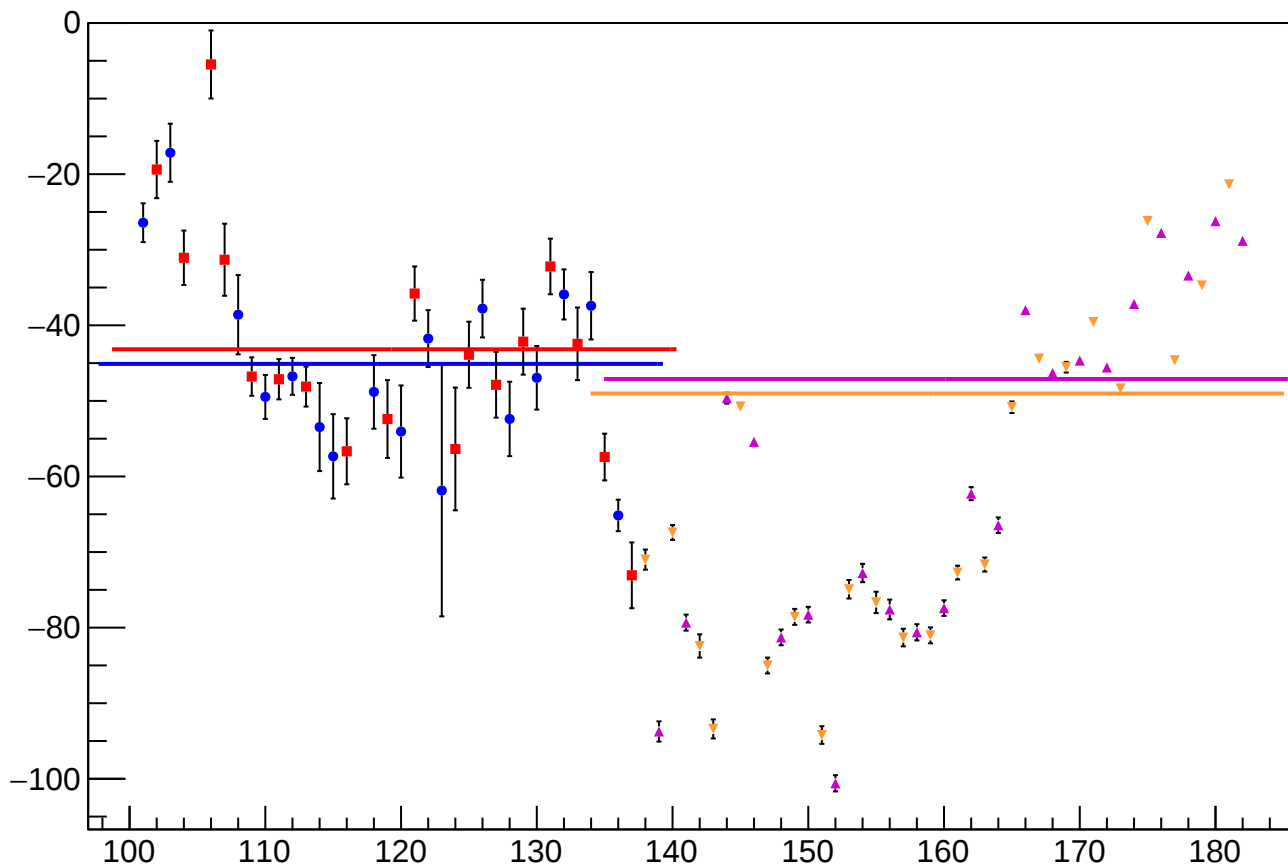
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: 0.235 ± 0.121 χ^2/NDF : 3449.8/38

Out: 0.136 ± 0.125 χ^2/NDF : 3779.7/40

All: 0.187 ± 0.087 χ^2/NDF : 7229.9/79

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -49.018 ± 0.162 χ^2/NDF : 16095.9/22

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -47.100 ± 0.156 χ^2/NDF : 15654.5/21

Left: -48.024 ± 0.113 χ^2/NDF : 31822.9/44

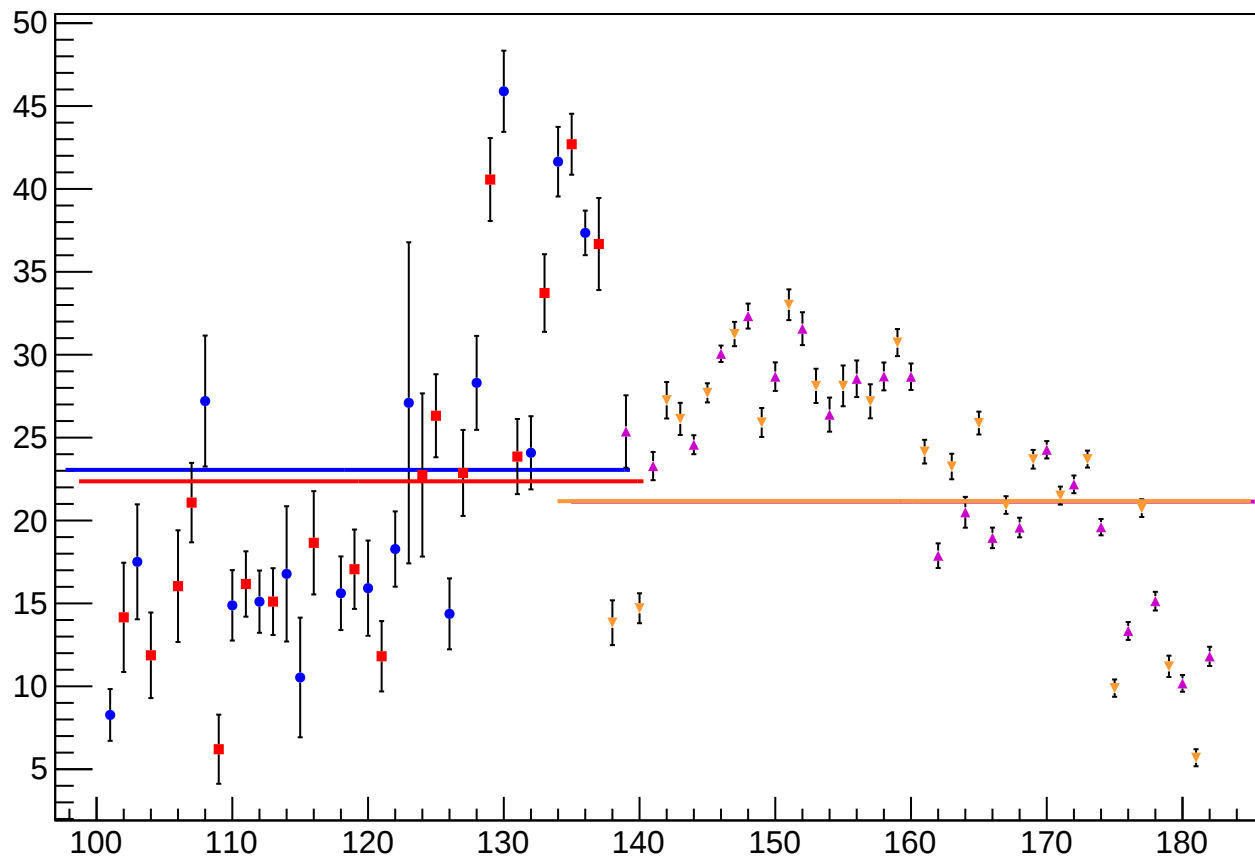
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -47.039 ± 0.154 χ^2/NDF : 15890.0/38

Out: -48.826 ± 0.160 χ^2/NDF : 16371.7/40

All: -47.901 ± 0.111 χ^2/NDF : 32326.6/79

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 21.168 $\pm$ 0.144 χ^2 /NDF:2623.7/22

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 21.140 $\pm$ 0.140 χ^2 /NDF:2161.7/21

Left: 21.154 $\pm$ 0.101 χ^2 /NDF: 4785.4/44

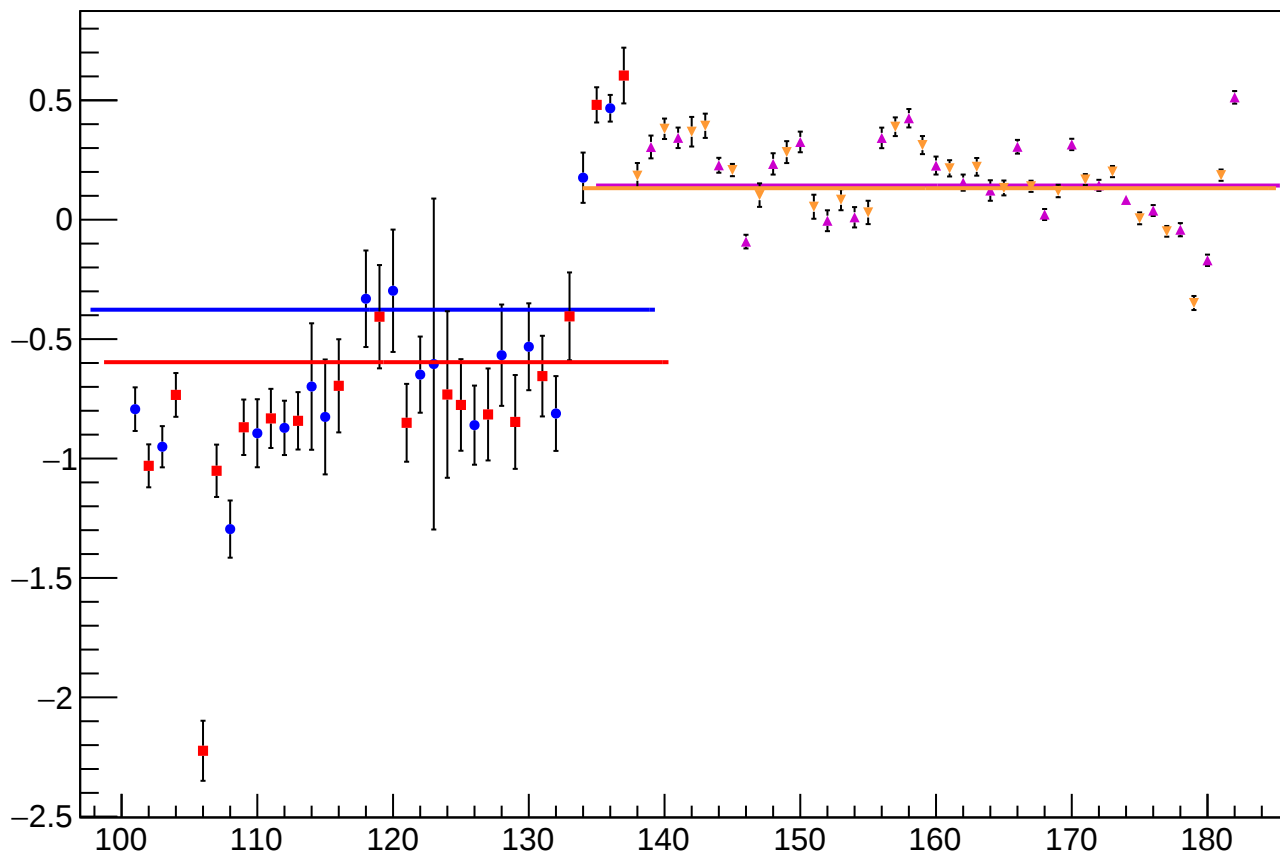
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 21.255 $\pm$ 0.136 χ^2 /NDF:2633.9/38

Out: 21.240 $\pm$ 0.140 χ^2 /NDF:2996.6/40

All: 21.247 $\pm$ 0.098 χ^2 /NDF: 5630.5/79

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.132 ± 0.007 $\chi^2/\text{NDF}: 556.0/22$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.143 ± 0.006 $\chi^2/\text{NDF}: 785.8/21$

Left: 0.138 ± 0.005 $\chi^2/\text{NDF}: 1343.2/44$

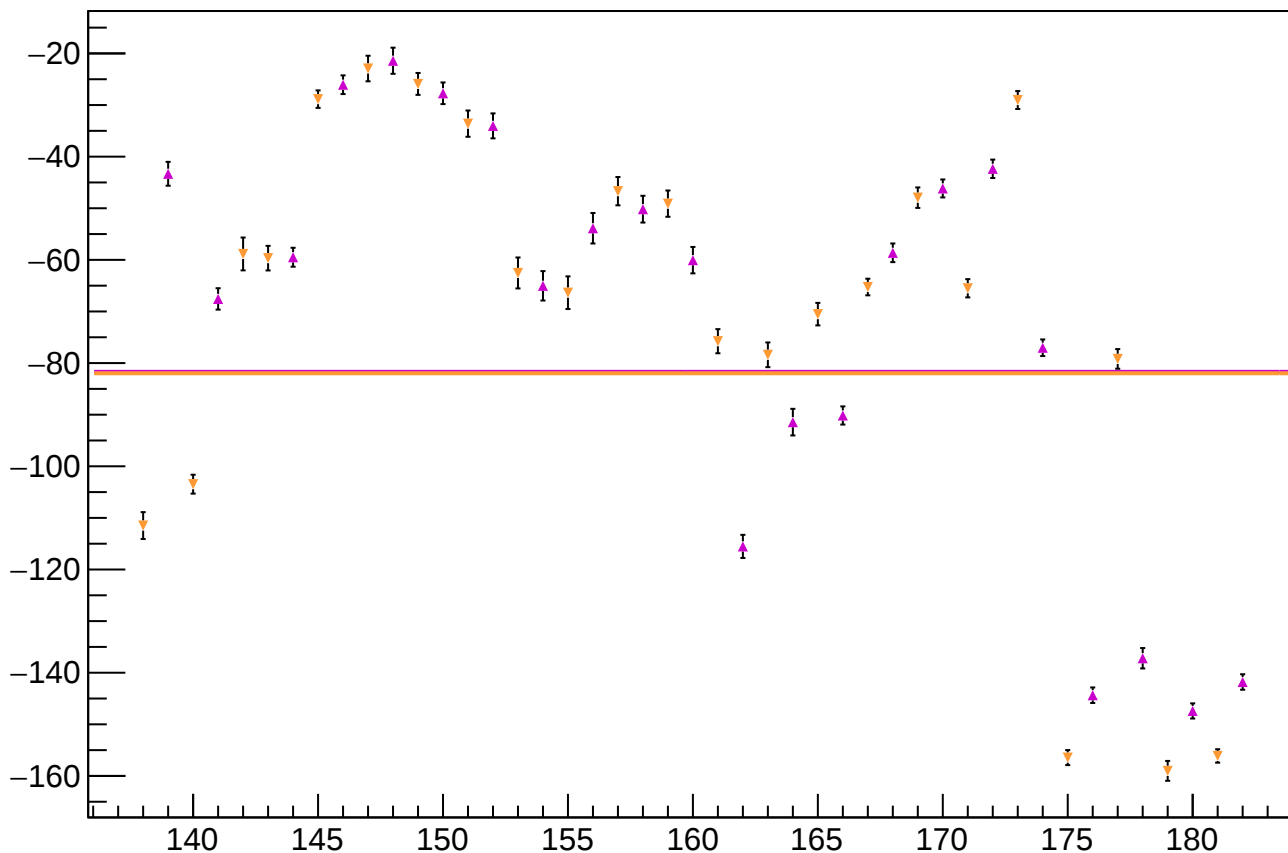
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.120 ± 0.006 $\chi^2/\text{NDF}: 1508.4/38$

Out: 0.099 ± 0.006 $\chi^2/\text{NDF}: 1660.9/40$

All: 0.110 ± 0.005 $\chi^2/\text{NDF}: 3175.1/79$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Left: -81.834+/-0.297 χ^2/NDF : 23192.9/44

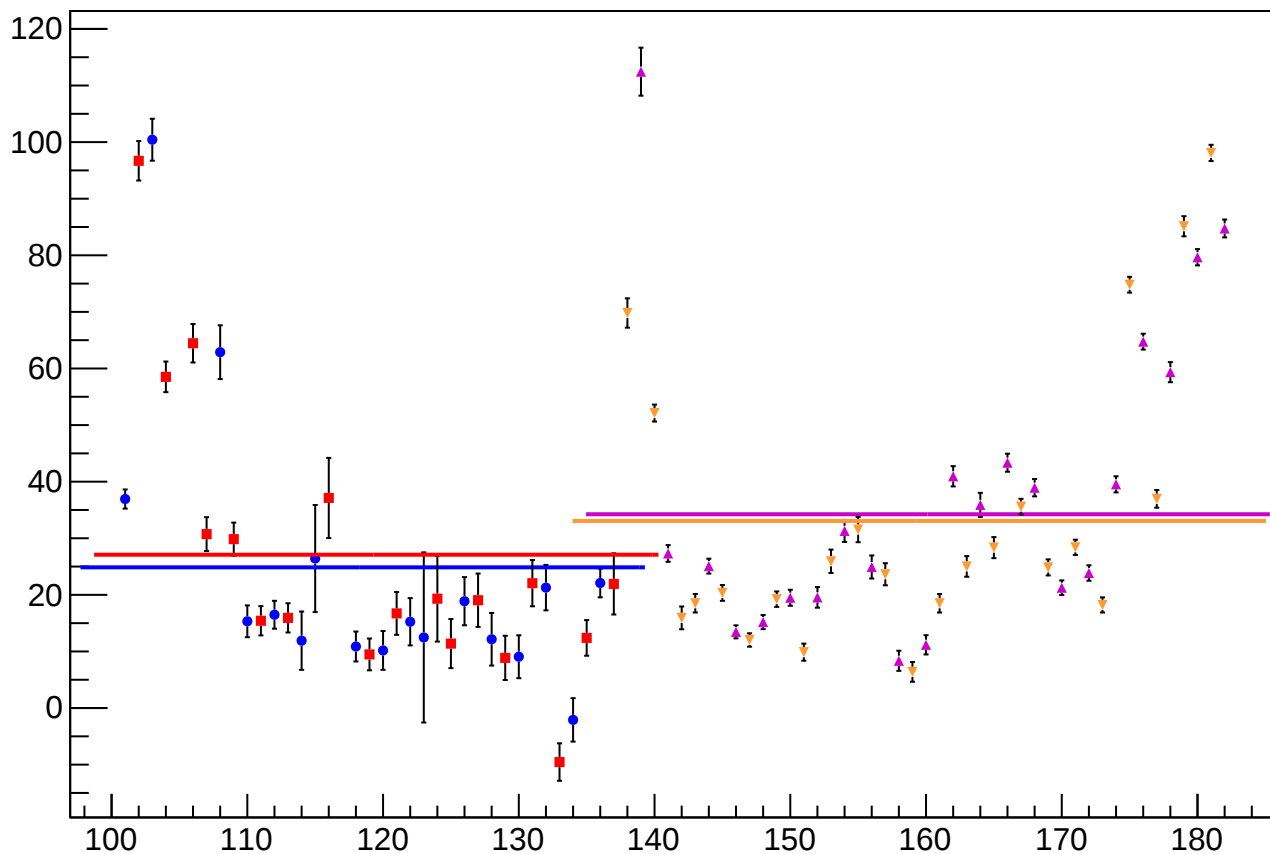
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

All: -81.834+/-0.297 χ^2/NDF : 23192.9/44

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 33.060 ± 0.329 χ^2/NDF : 5599.5/22

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 34.241 ± 0.331 χ^2/NDF : 4486.1/21

Left: 33.648 ± 0.233 χ^2/NDF : 10092.0/44

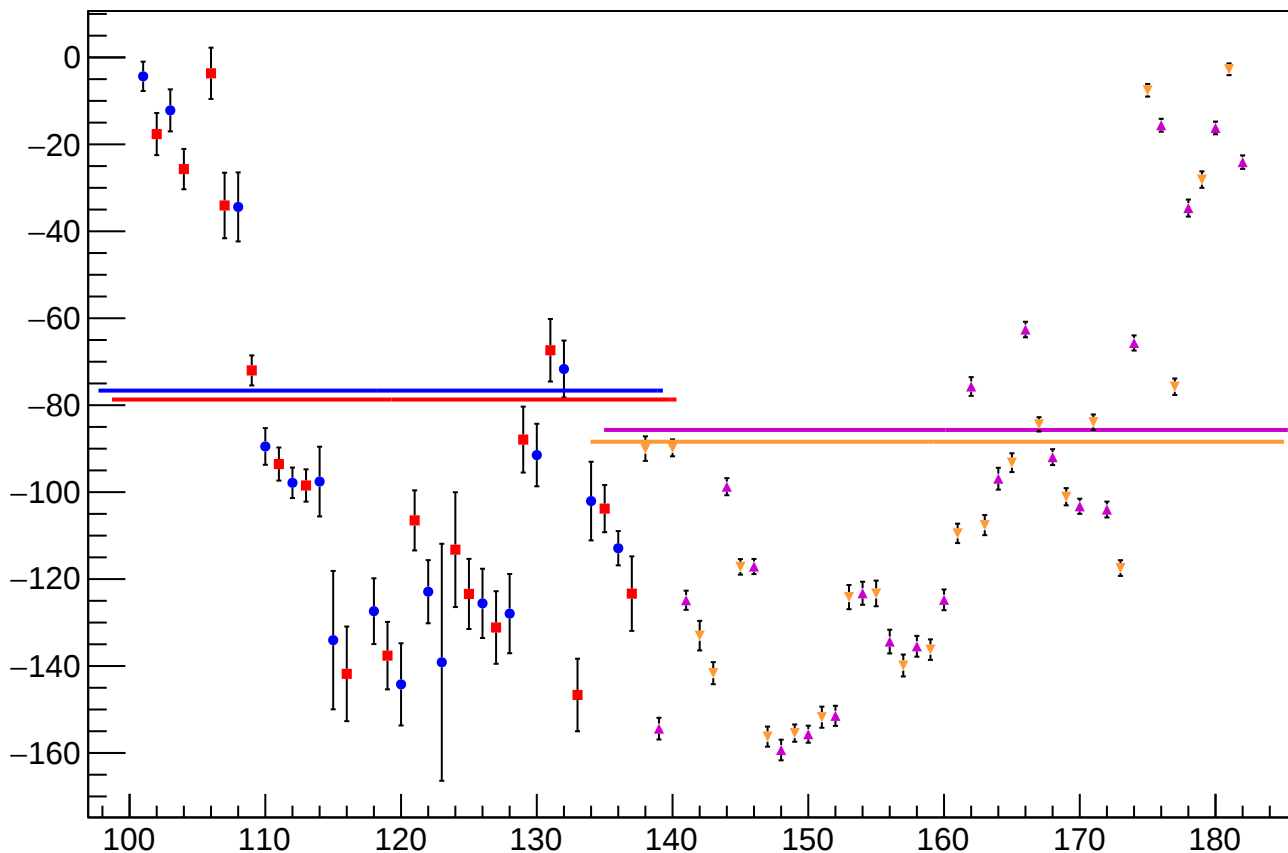
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 32.879 ± 0.306 χ^2/NDF : 5294.0/38

Out: 32.219 ± 0.305 χ^2/NDF : 6576.9/40

All: 32.548 ± 0.216 χ^2/NDF : 11873.2/79

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -88.407 ± 0.424 $\chi^2/\text{NDF}: 13308.4/22$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -85.695 ± 0.417 $\chi^2/\text{NDF}: 12980.9/21$

Left: -87.028 ± 0.298 $\chi^2/\text{NDF}: 26310.0/44$

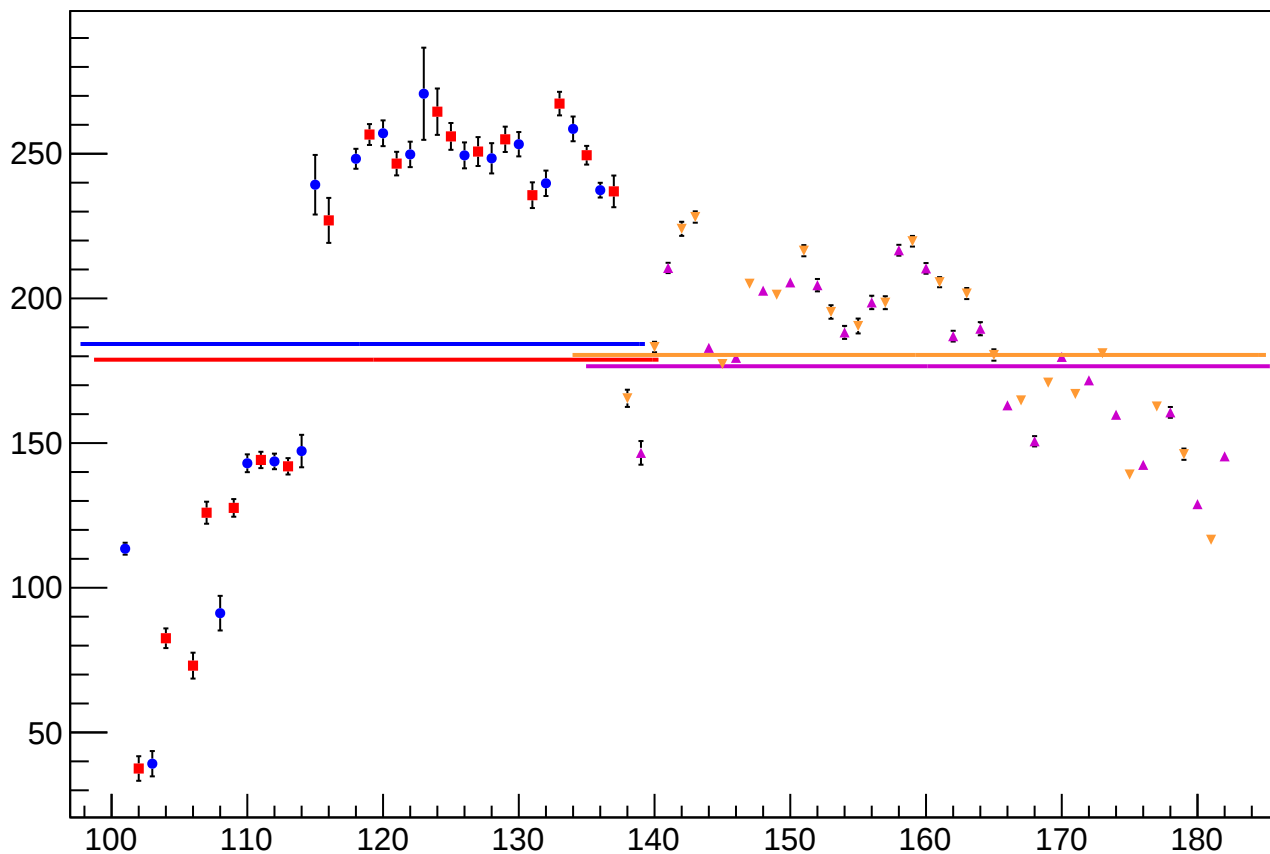
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -84.970 ± 0.400 $\chi^2/\text{NDF}: 14059.3/38$

Out: -87.545 ± 0.405 $\chi^2/\text{NDF}: 14191.3/40$

All: -86.242 ± 0.285 $\chi^2/\text{NDF}: 28271.0/79$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 ± 0.915 $\chi^2/\text{NDF}: 5388.6/16$

Left Out: 180.461 ± 0.373 $\chi^2/\text{NDF}: 5748.0/22$

Right Out: 178.822 ± 0.926 $\chi^2/\text{NDF}: 6171.0/17$

Left In: 176.558 ± 0.373 $\chi^2/\text{NDF}: 4436.8/21$

Left: 178.508 ± 0.264 $\chi^2/\text{NDF}: 10239.6/44$

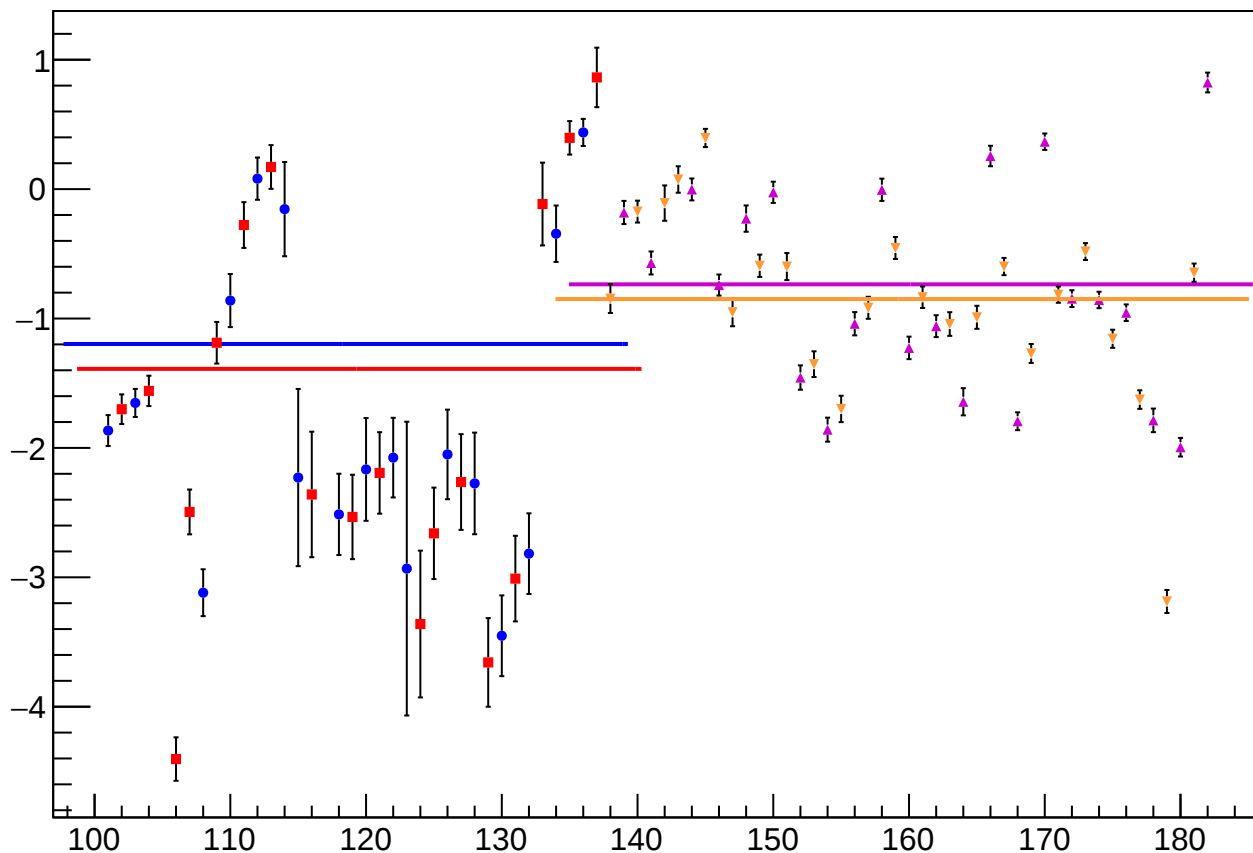
Right: 181.565 ± 0.651 $\chi^2/\text{NDF}: 11576.9/34$

In: 177.651 ± 0.345 $\chi^2/\text{NDF}: 9885.9/38$

Out: 180.232 ± 0.346 $\chi^2/\text{NDF}: 11921.6/40$

All: 178.939 ± 0.244 $\chi^2/\text{NDF}: 21835.4/79$

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.849 ± 0.017 χ^2/NDF : 1545.9/22

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.736 ± 0.017 χ^2/NDF : 2196.4/21

Left: -0.792 ± 0.012 χ^2/NDF : 3764.4/44

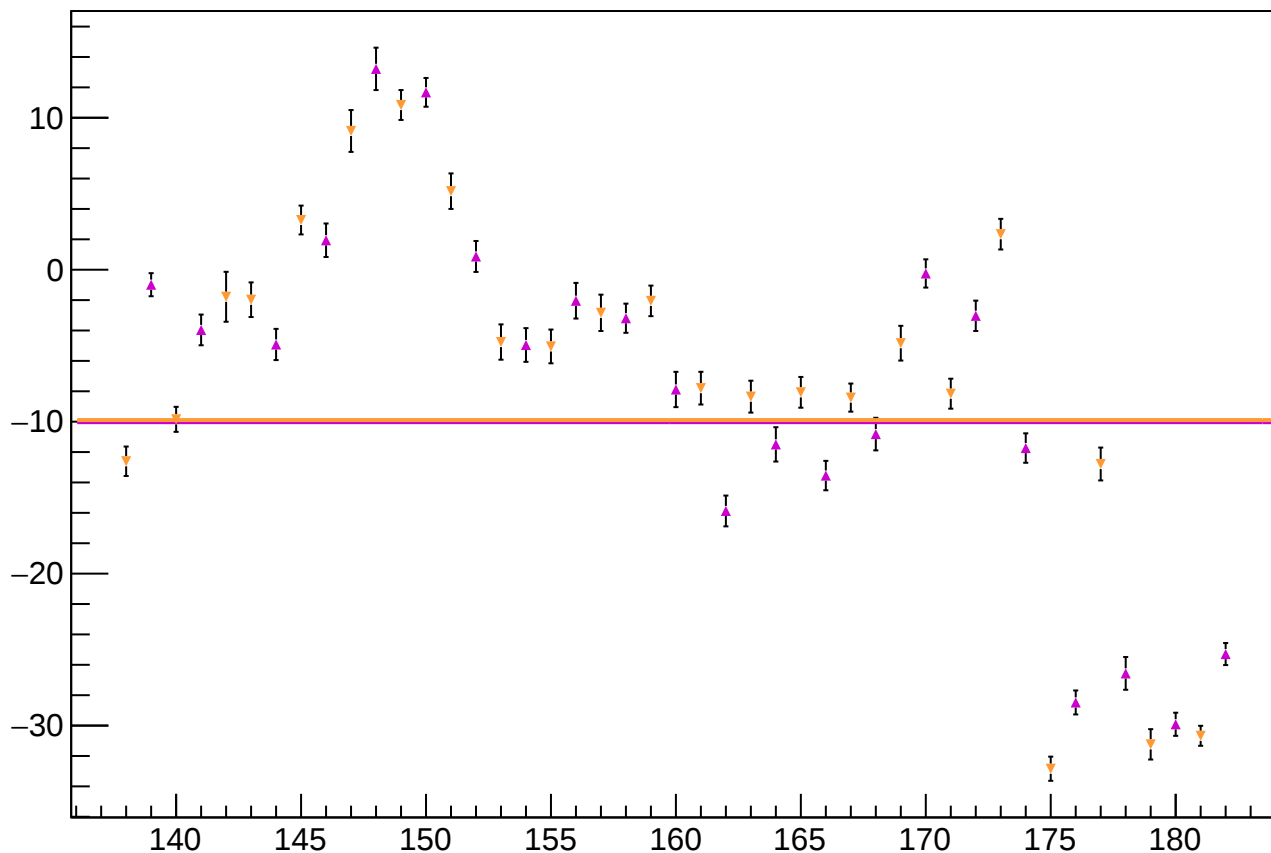
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.787 ± 0.016 χ^2/NDF : 2899.5/38

Out: -0.916 ± 0.016 χ^2/NDF : 2588.5/40

All: -0.851 ± 0.011 χ^2/NDF : 5520.1/79

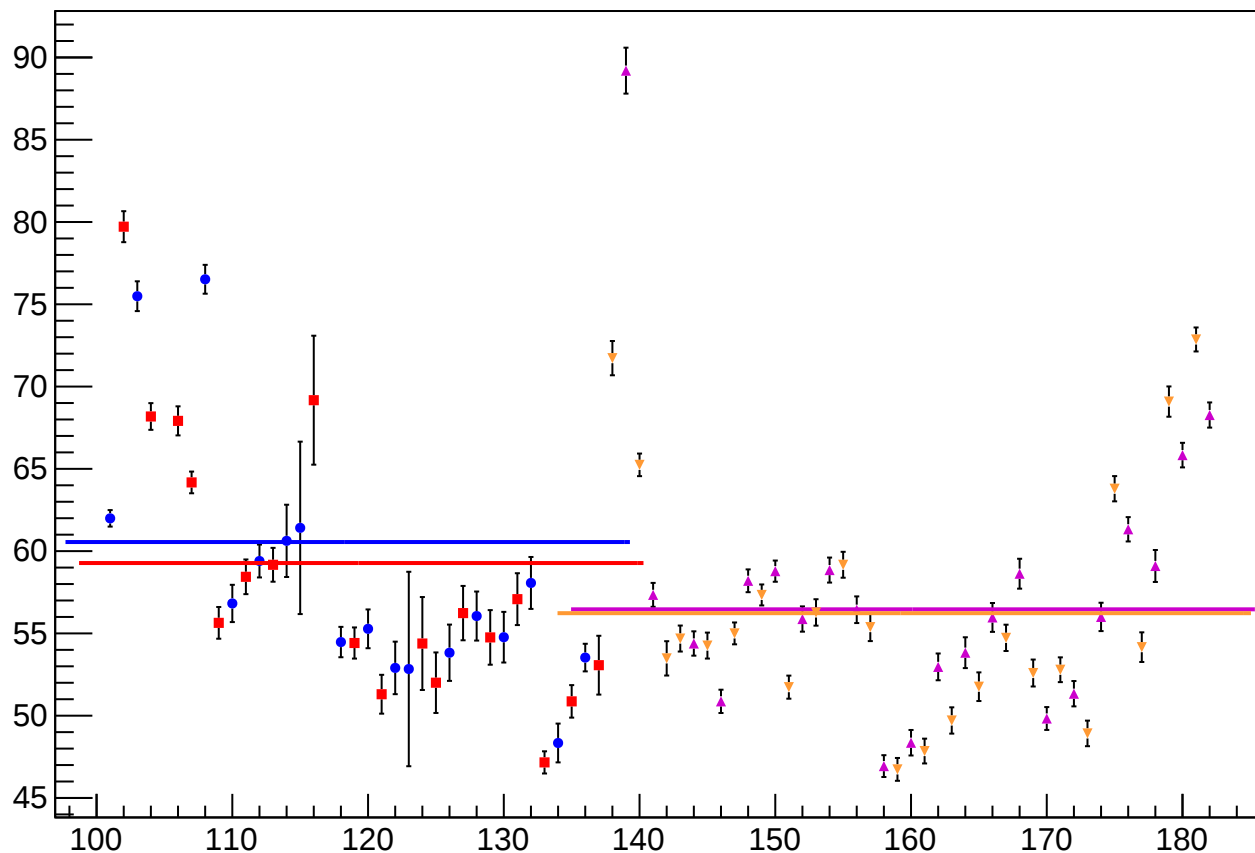
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.894+/-0.210 χ^2/NDF :3684.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.032+/-0.206 χ^2/NDF :3478.9/21

Left: -9.964+/-0.147 χ^2/NDF : 7163.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.032+/-0.206 χ^2/NDF :3478.9/21
 Out: -9.894+/-0.210 χ^2/NDF :3684.0/22
 All: -9.964+/-0.147 χ^2/NDF : 7163.1/44

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: 56.229 ± 0.163 $\chi^2/\text{NDF}: 1828.5/22$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 56.463 ± 0.166 $\chi^2/\text{NDF}: 1581.8/21$

Left: 56.344 ± 0.116 $\chi^2/\text{NDF}: 3411.3/44$

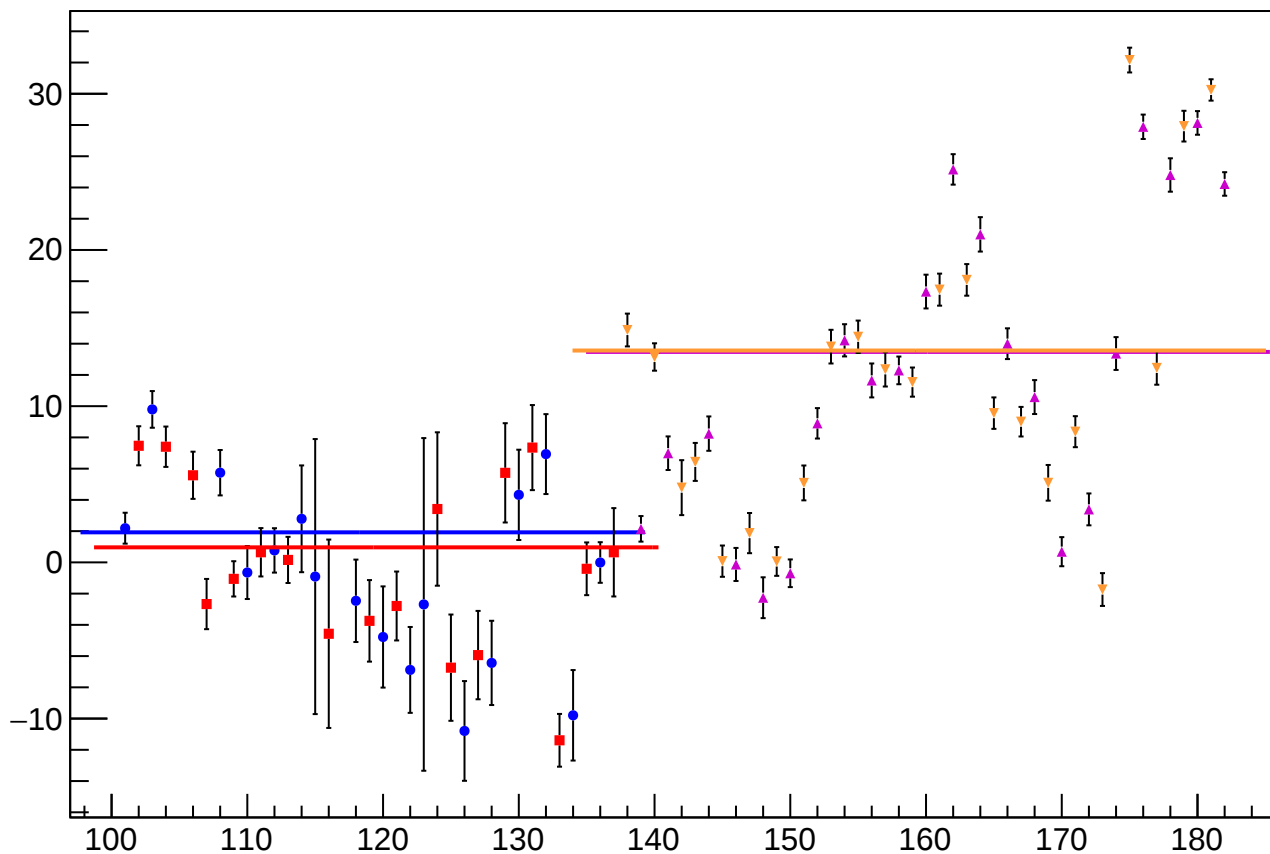
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.636 ± 0.140 $\chi^2/\text{NDF}: 2686.8/38$

Out: 57.143 ± 0.136 $\chi^2/\text{NDF}: 3208.2/40$

All: 57.382 ± 0.098 $\chi^2/\text{NDF}: 5901.4/79$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 13.562 ± 0.209 χ^2/NDF : 2331.1/22

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 13.473 ± 0.205 χ^2/NDF : 2371.6/21

Left: 13.517 ± 0.146 χ^2/NDF : 4702.7/44

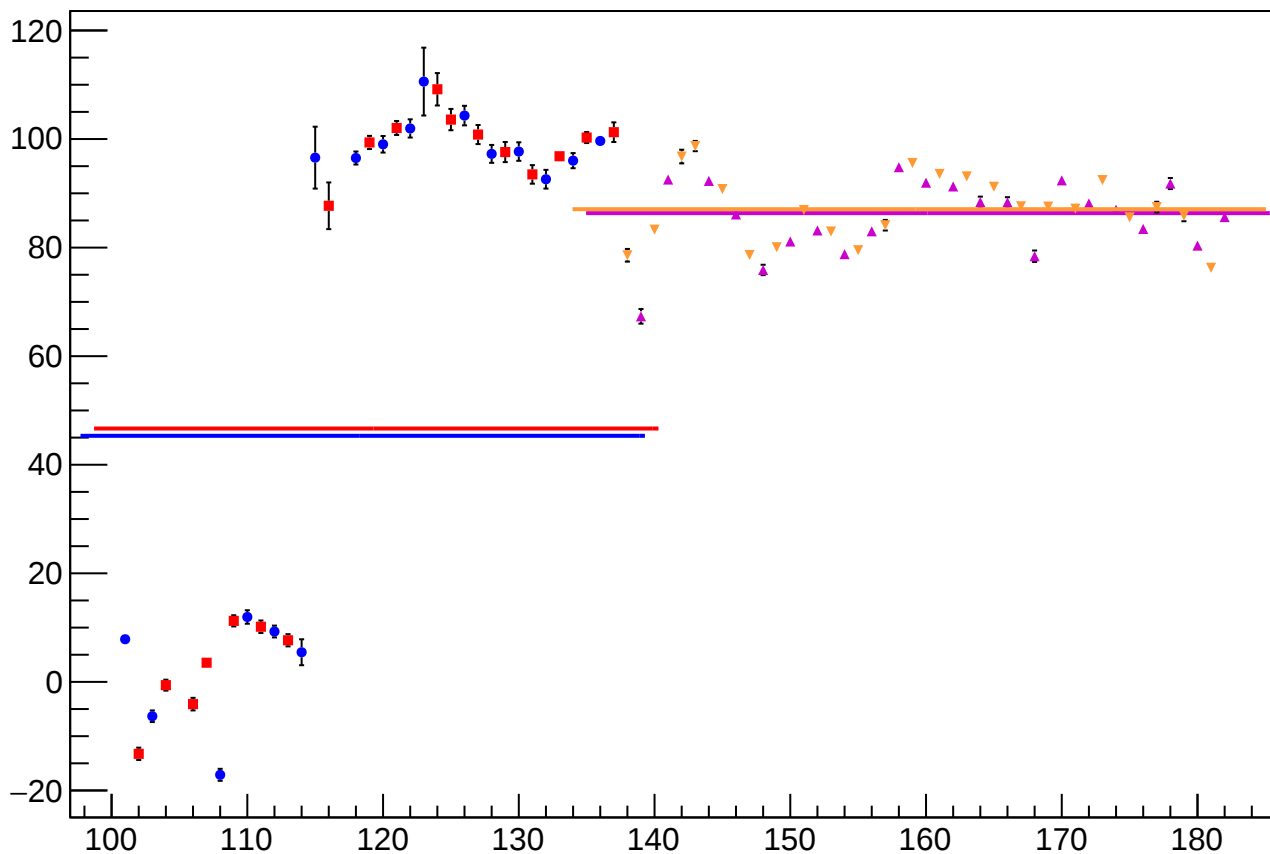
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 11.541 ± 0.187 χ^2/NDF : 3021.6/38

Out: 11.152 ± 0.188 χ^2/NDF : 3176.6/40

All: 11.347 ± 0.133 χ^2/NDF : 6200.4/79

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.076 $\pm$ 0.184 χ^2 /NDF:1084.2/22

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.348 $\pm$ 0.186 χ^2 /NDF:1024.1/21

Left: 86.715 $\pm$ 0.131 χ^2 /NDF: 2116.0/44

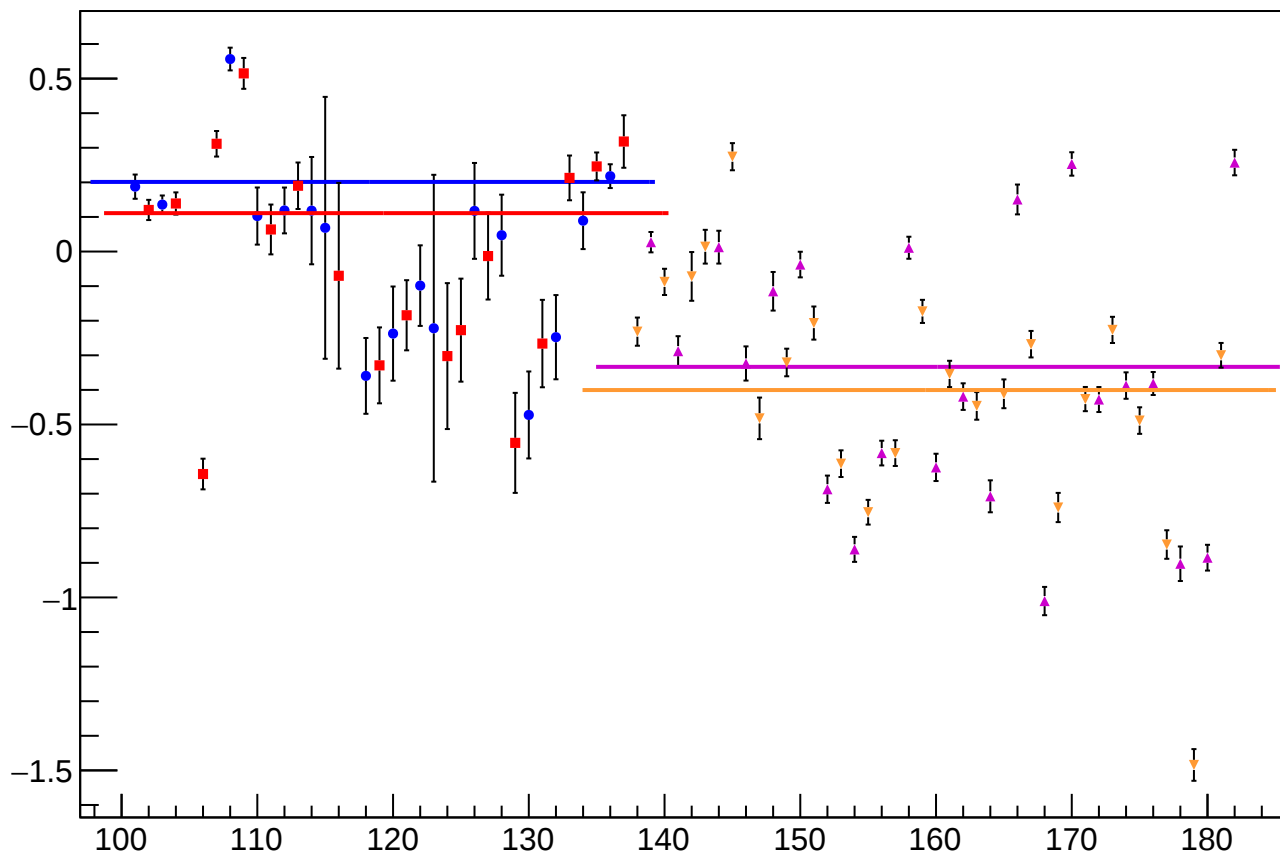
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 75.183 $\pm$ 0.158 χ^2 /NDF:39315.3/38

Out: 75.502 $\pm$ 0.156 χ^2 /NDF:42758.0/40

All: 75.345 $\pm$ 0.111 χ^2 /NDF: 82075.4/79

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.400 ± 0.008 χ^2/NDF : 1486.3/22

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.333 ± 0.008 χ^2/NDF : 2185.4/21

Left: -0.366 ± 0.006 χ^2/NDF : 3704.2/44

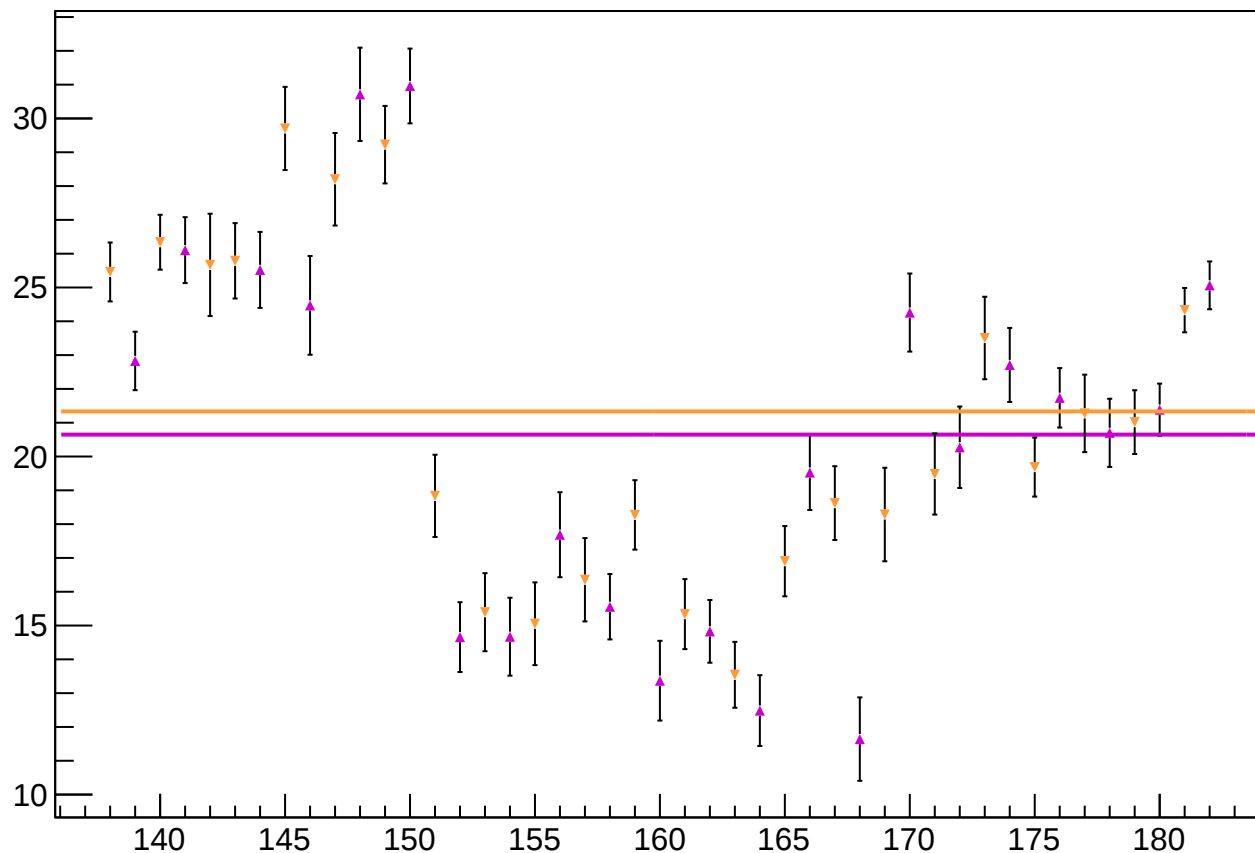
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.197 ± 0.007 χ^2/NDF : 3482.1/38

Out: -0.253 ± 0.007 χ^2/NDF : 3047.5/40

All: -0.225 ± 0.005 χ^2/NDF : 6560.5/79

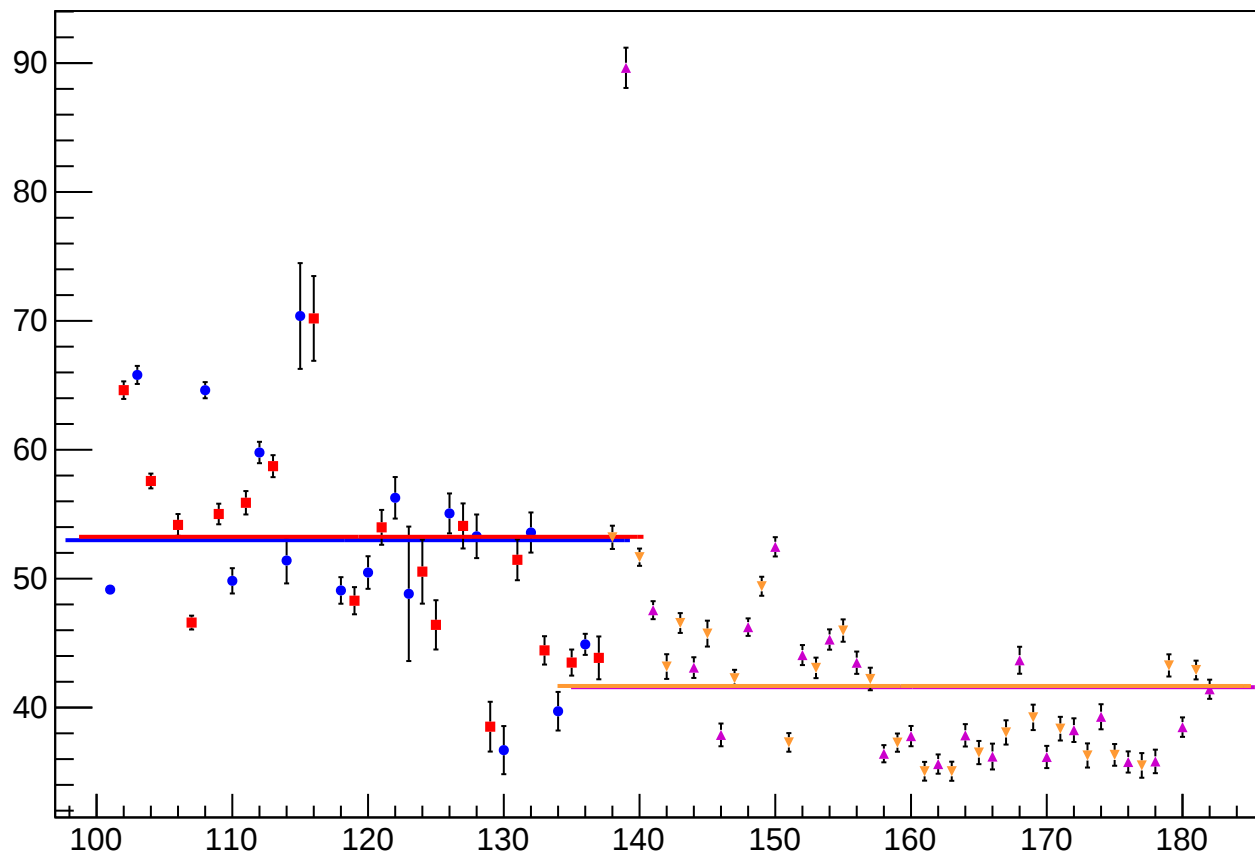
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.648 $\pm$ 0.219 χ^2 /NDF:544.6/21

Left: 20.991 $\pm$ 0.155 χ^2 /NDF: 991.8/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.648 $\pm$ 0.219 χ^2 /NDF:544.6/21
 Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 All: 20.991 $\pm$ 0.155 χ^2 /NDF: 991.8/44

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.674 $\pm$ 0.170 χ^2 /NDF:1009.1/22

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 41.579 $\pm$ 0.175 χ^2 /NDF:1698.7/21

Left: 41.628 $\pm$ 0.122 χ^2 /NDF: 2707.9/44

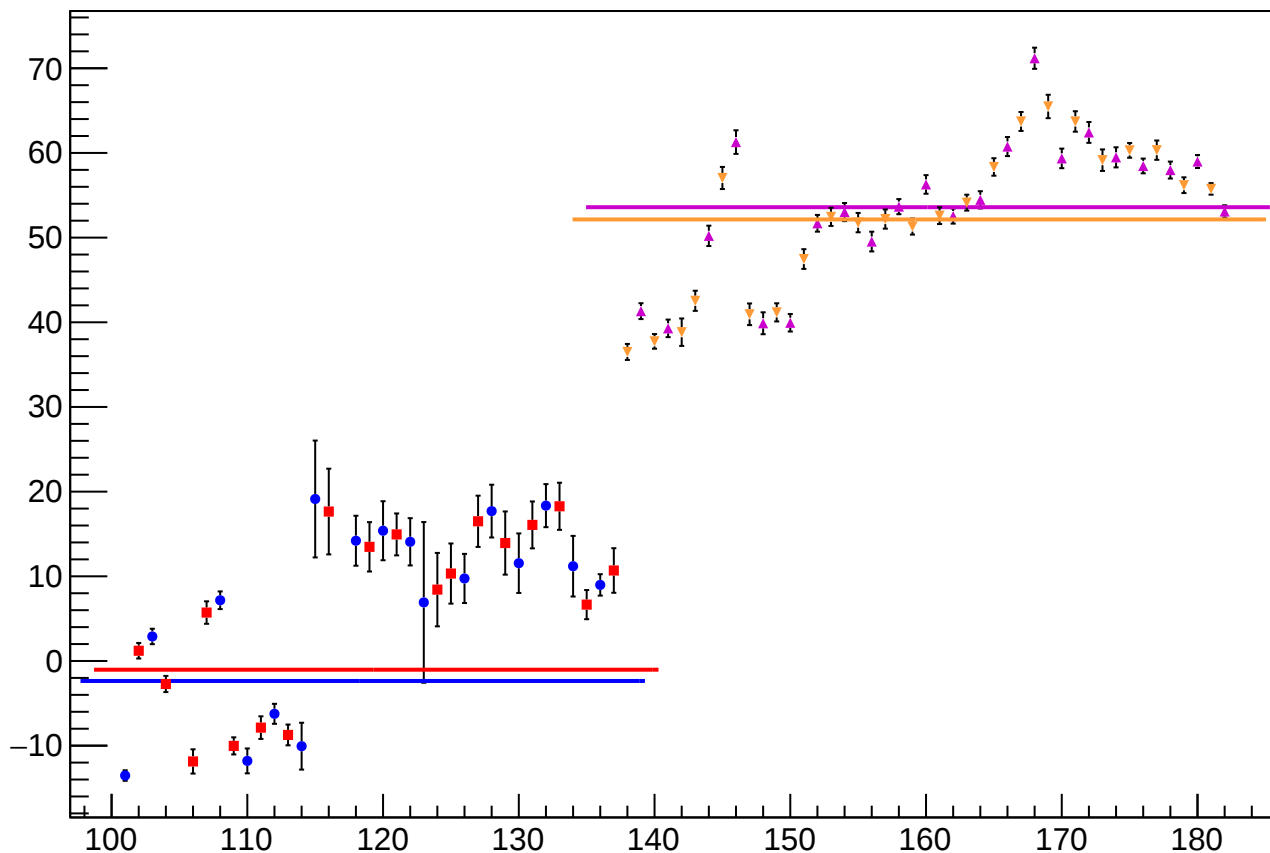
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.251 $\pm$ 0.135 χ^2 /NDF:4632.9/38

Out: 45.817 $\pm$ 0.136 χ^2 /NDF:3528.9/40

All: 46.037 $\pm$ 0.096 χ^2 /NDF: 8166.9/79

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.145 ± 0.218 χ^2/NDF : 1446.1/22

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 53.592 ± 0.217 χ^2/NDF : 1151.4/21

Left: 52.871 ± 0.154 χ^2/NDF : 2619.5/44

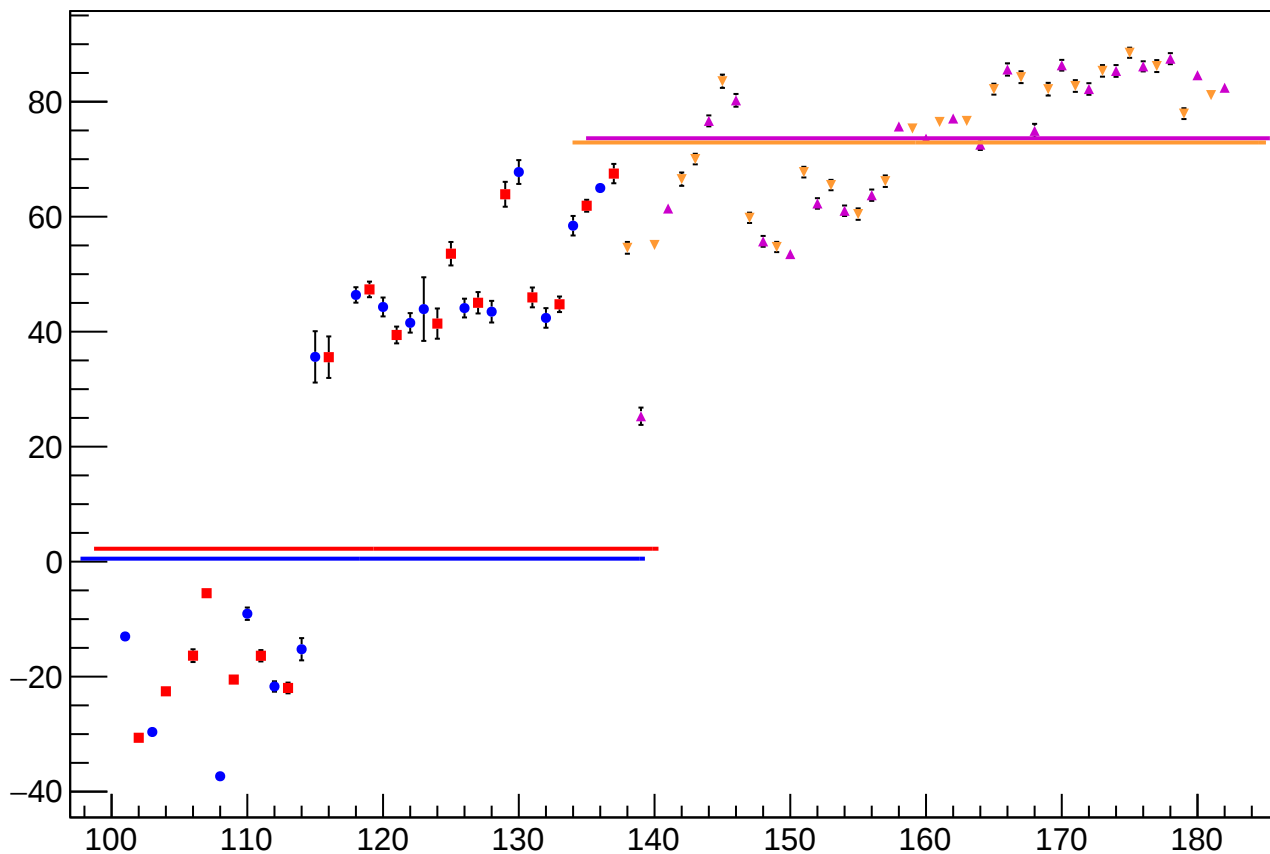
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 38.886 ± 0.187 χ^2/NDF : 19394.1/38

Out: 38.963 ± 0.189 χ^2/NDF : 16660.6/40

All: 38.924 ± 0.133 χ^2/NDF : 36054.8/79

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 72.904 ± 0.193 χ^2/NDF : 3065.6/22

Right Out: 2.246 ± 0.267 χ^2/NDF : 15377.0/17

Left In: 73.641 ± 0.196 χ^2/NDF : 3897.1/21

Left: 73.266 ± 0.137 χ^2/NDF : 6969.8/44

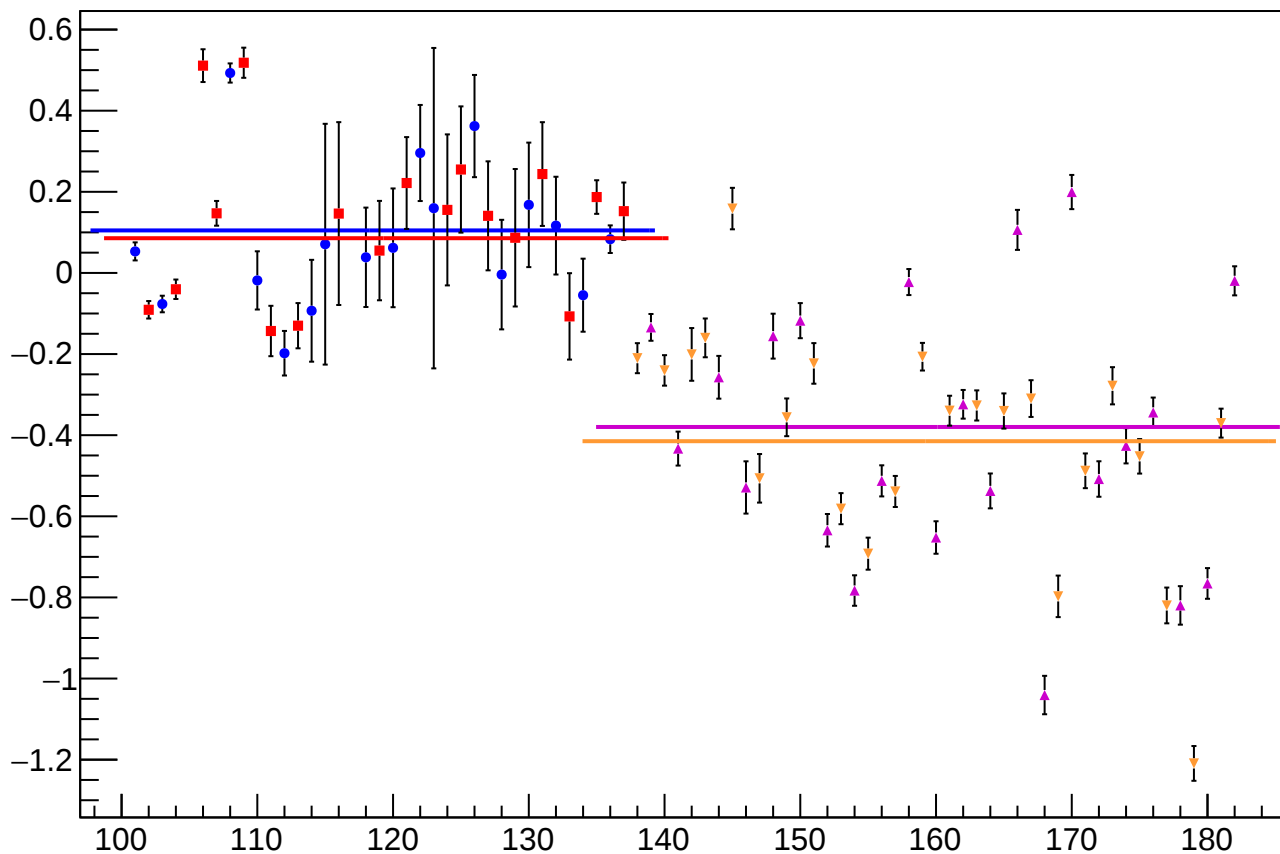
Right: 1.313 ± 0.181 χ^2/NDF : 33785.6/34

In: 45.376 ± 0.154 χ^2/NDF : 76080.2/38

Out: 48.781 ± 0.156 χ^2/NDF : 64426.3/40

All: 47.049 ± 0.110 χ^2/NDF : 140748.2/79

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.415 ± 0.009 $\chi^2/\text{NDF}: 867.6/22$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.380 ± 0.009 $\chi^2/\text{NDF}: 1256.5/21$

Left: -0.397 ± 0.006 $\chi^2/\text{NDF}: 2132.1/44$

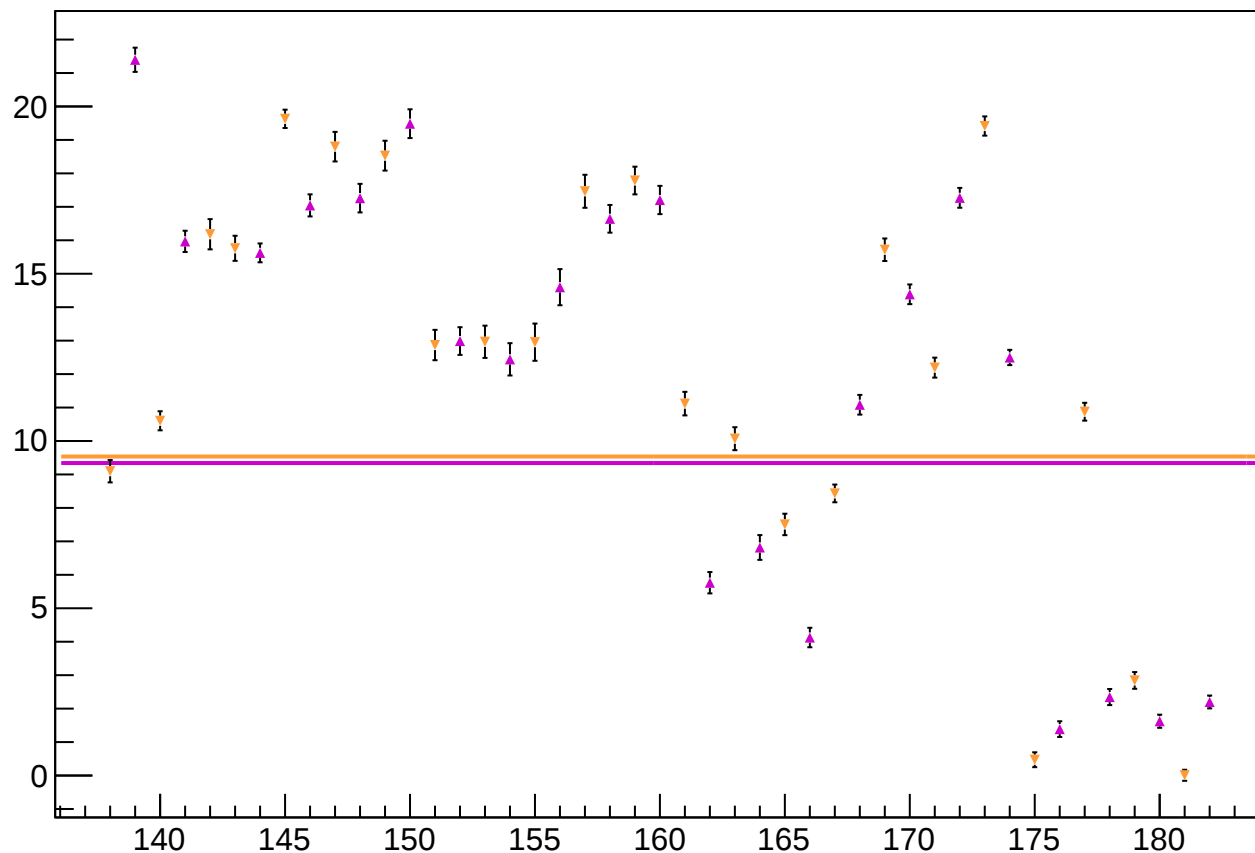
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.192 ± 0.007 $\chi^2/\text{NDF}: 2840.2/38$

Out: -0.220 ± 0.007 $\chi^2/\text{NDF}: 2501.3/40$

All: -0.206 ± 0.005 $\chi^2/\text{NDF}: 5349.5/79$

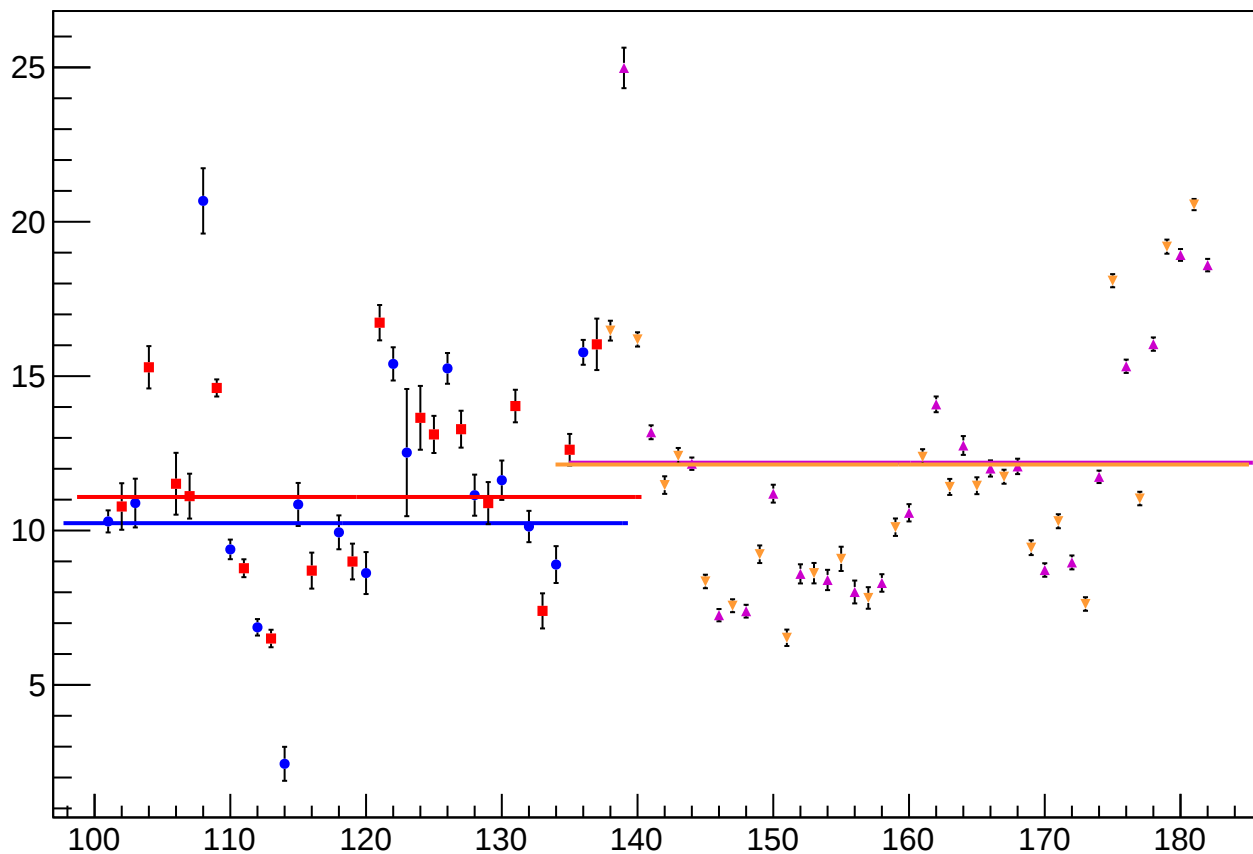
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.536+/-0.065 χ^2/NDF :10916.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.341+/-0.064 χ^2/NDF :11001.6/21

Left: 9.437+/-0.045 χ^2/NDF : 21922.9/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.341+/-0.064 χ^2/NDF :11001.6/21
 Out: 9.536+/-0.065 χ^2/NDF :10916.7/22
 All: 9.437+/-0.045 χ^2/NDF : 21922.9/44

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 12.138 ± 0.052 $\chi^2/\text{NDF}: 6729.2/22$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 12.197 ± 0.052 $\chi^2/\text{NDF}: 5465.1/21$

Left: 12.168 ± 0.036 $\chi^2/\text{NDF}: 12195.0/44$

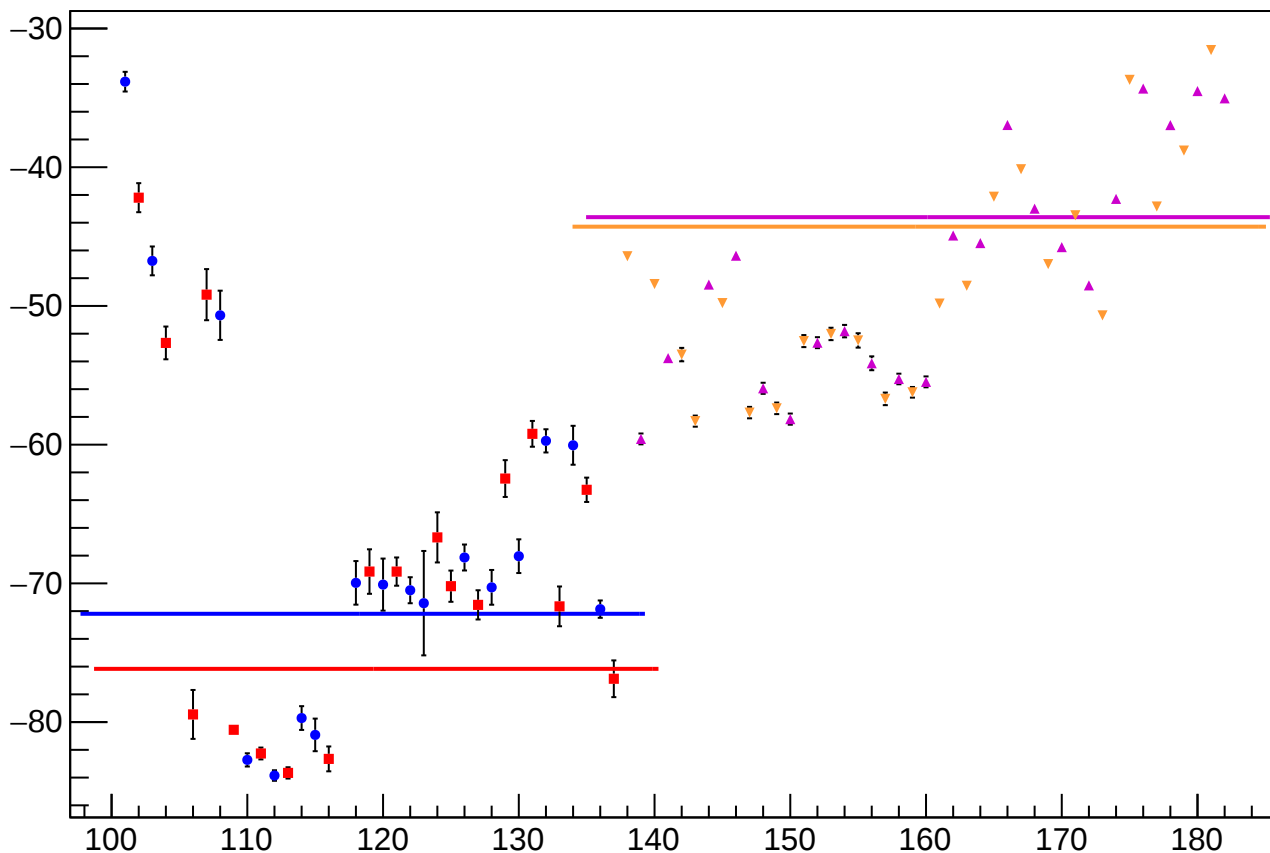
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 11.888 ± 0.047 $\chi^2/\text{NDF}: 6560.1/38$

Out: 11.966 ± 0.047 $\chi^2/\text{NDF}: 7598.3/40$

All: 11.927 ± 0.033 $\chi^2/\text{NDF}: 14159.8/79$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -44.286 ± 0.065 $\chi^2/\text{NDF}: 16348.8/22$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -43.600 ± 0.064 $\chi^2/\text{NDF}: 15574.2/21$

Left: -43.936 ± 0.046 $\chi^2/\text{NDF}: 31979.3/44$

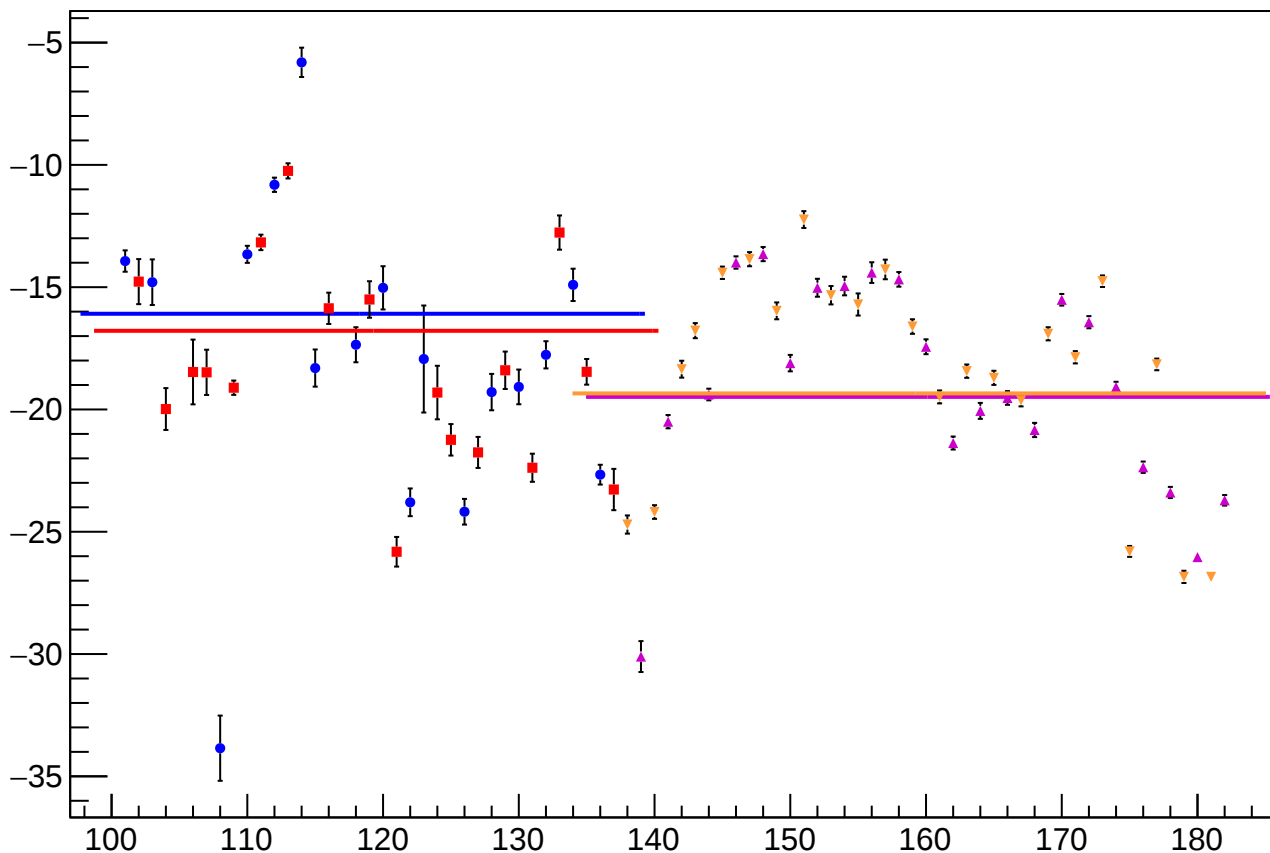
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -46.301 ± 0.061 $\chi^2/\text{NDF}: 39994.3/38$

Out: -47.941 ± 0.061 $\chi^2/\text{NDF}: 46958.9/40$

All: -47.115 ± 0.043 $\chi^2/\text{NDF}: 87313.4/79$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -19.343 ± 0.058 χ^2/NDF : 6020.2/22

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -19.485 ± 0.058 χ^2/NDF : 4300.2/21

Left: -19.415 ± 0.041 χ^2/NDF : 10323.4/44

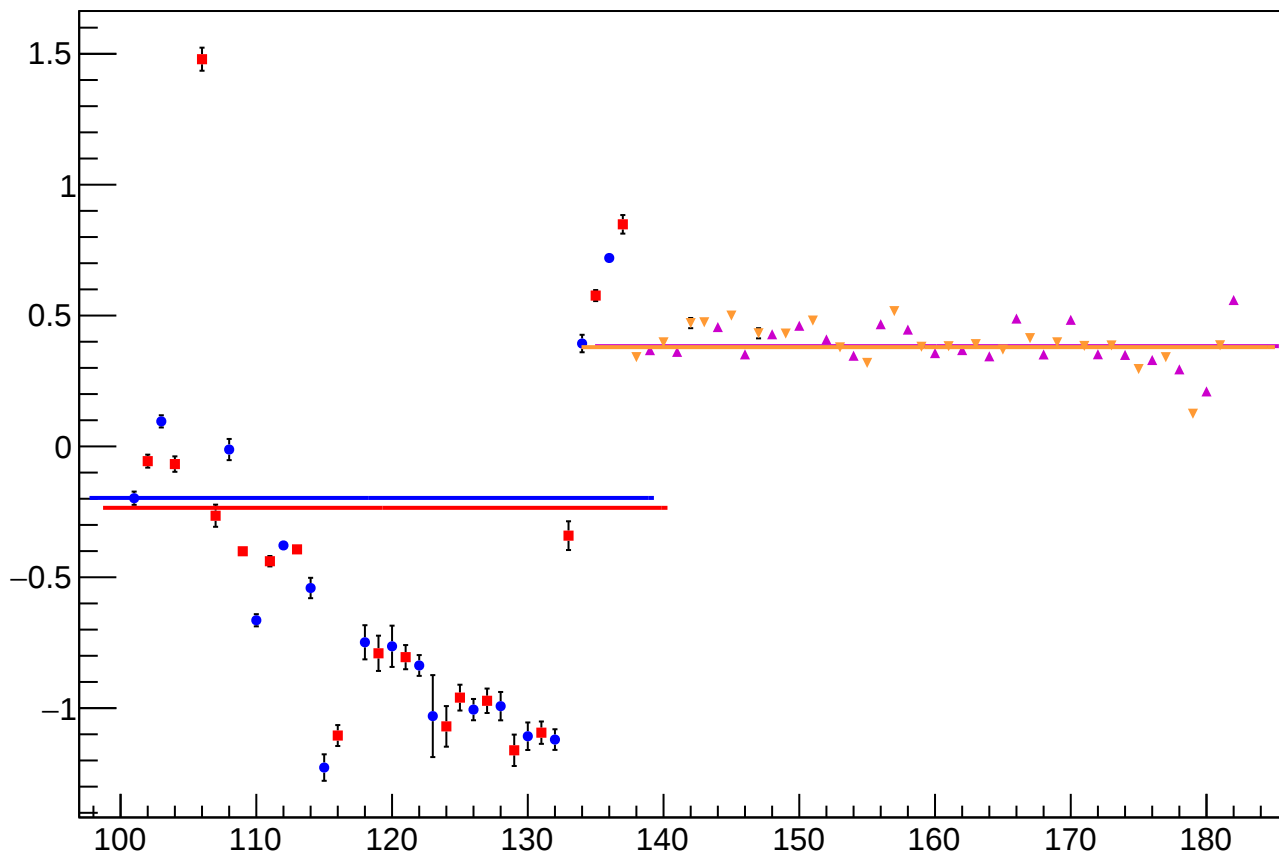
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -18.941 ± 0.053 χ^2/NDF : 6475.2/38

Out: -18.907 ± 0.053 χ^2/NDF : 7555.2/40

All: -18.924 ± 0.037 χ^2/NDF : 14030.6/79

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.379 ± 0.003 χ^2/NDF : 900.5/22

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.383 ± 0.003 χ^2/NDF : 1055.7/21

Left: 0.381 ± 0.002 χ^2/NDF : 1957.3/44

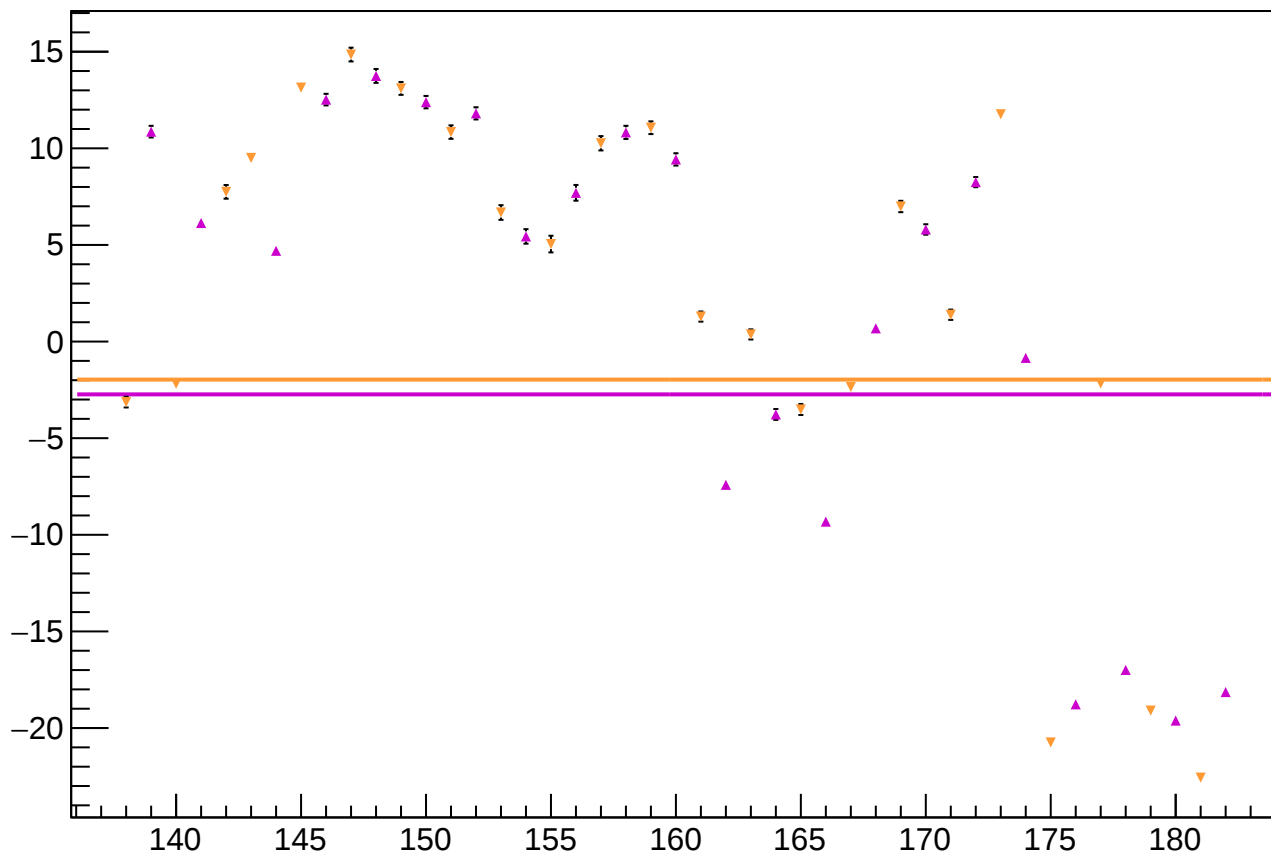
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.320 ± 0.002 χ^2/NDF : 12646.0/38

Out: 0.304 ± 0.003 χ^2/NDF : 13505.1/40

All: 0.312 ± 0.002 χ^2/NDF : 26171.1/79

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected

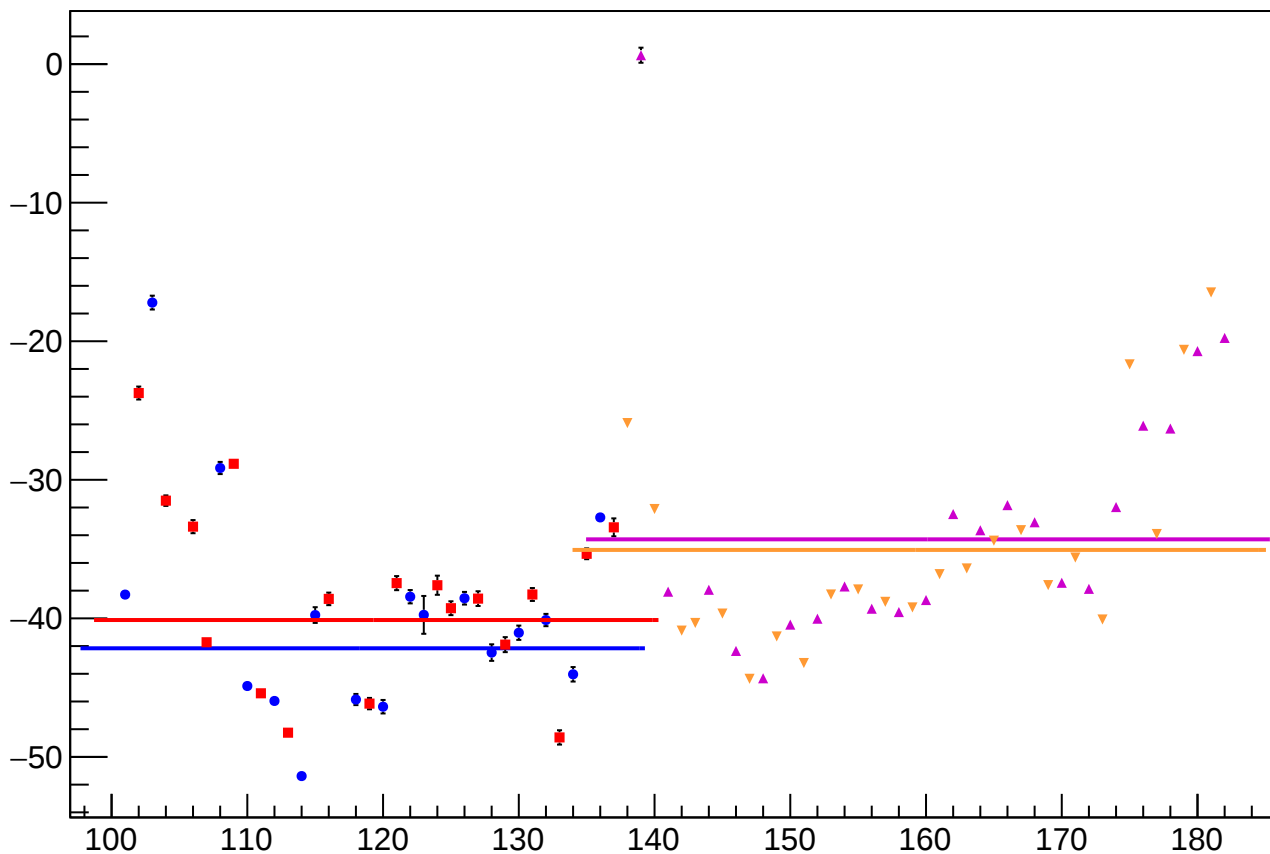


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.733+/-0.055 χ^2/NDF : 46109.8/21

Left: -2.349+/-0.039 χ^2/NDF : 96755.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.733+/-0.055 χ^2/NDF : 46109.8/21
 Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22

All: -2.349+/-0.039 χ^2/NDF : 96755.0/44

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -35.061 ± 0.043 χ^2/NDF : 31273.0/22

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -34.297 ± 0.044 χ^2/NDF : 28144.4/21

Left: -34.690 ± 0.031 χ^2/NDF : 59570.6/44

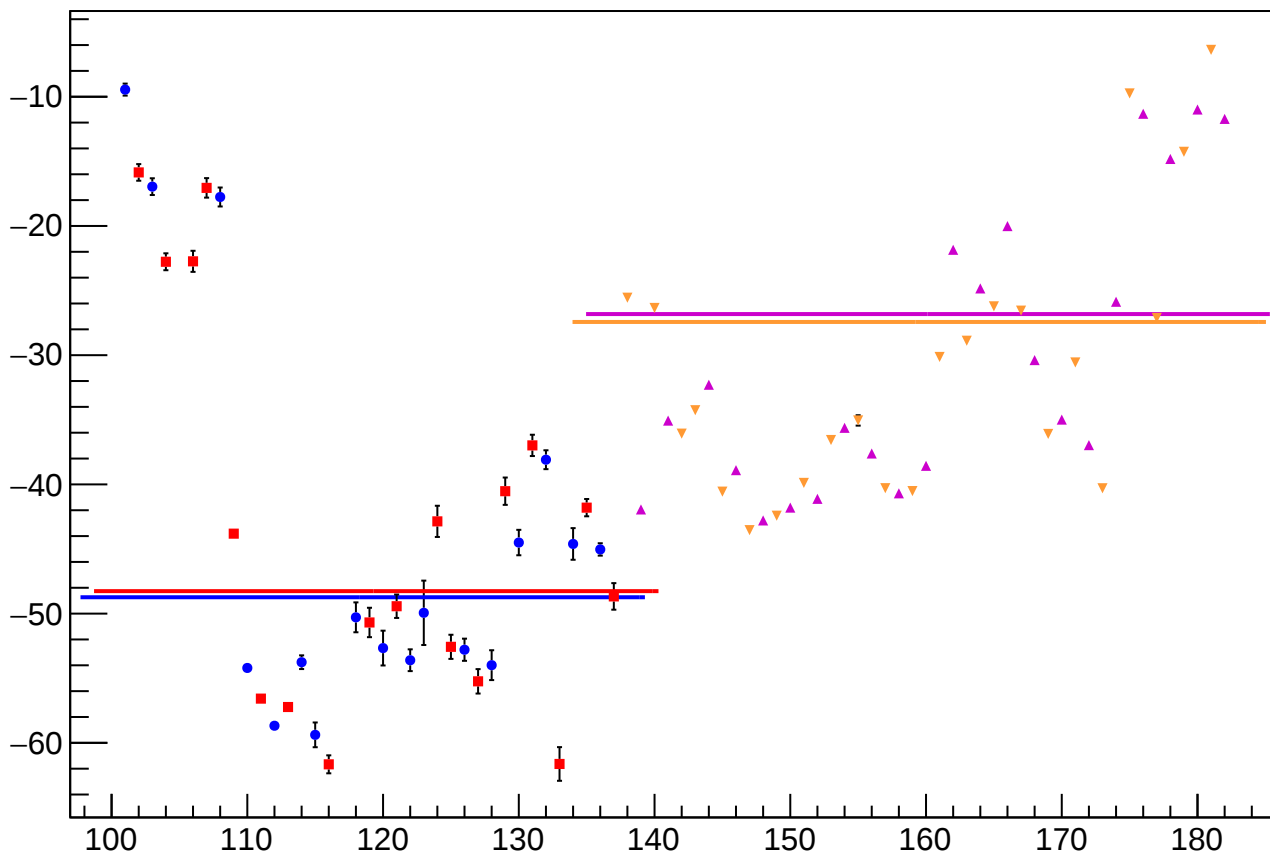
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -36.212 ± 0.038 χ^2/NDF : 42418.8/38

Out: -36.367 ± 0.037 χ^2/NDF : 45735.2/40

All: -36.292 ± 0.027 χ^2/NDF : 88162.3/79

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: -27.429 ± 0.055 $\chi^2/\text{NDF}: 44384.5/22$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -26.818 ± 0.055 $\chi^2/\text{NDF}: 42539.0/21$

Left: -27.123 ± 0.039 $\chi^2/\text{NDF}: 86984.3/44$

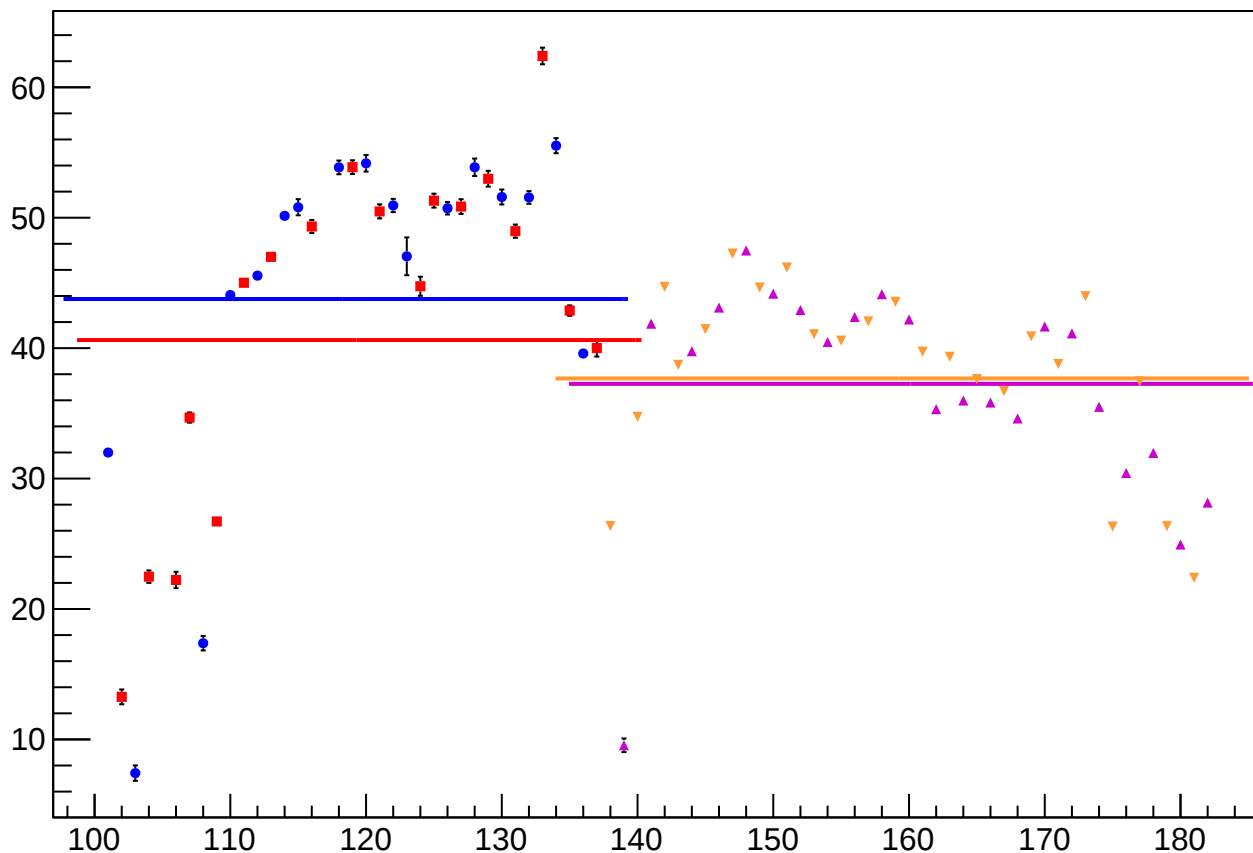
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -30.426 ± 0.051 $\chi^2/\text{NDF}: 83004.7/38$

Out: -31.806 ± 0.049 $\chi^2/\text{NDF}: 85174.0/40$

All: -31.135 ± 0.035 $\chi^2/\text{NDF}: 168560.2/79$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 37.676 $\pm$ 0.049 χ^2 /NDF: 20235.4/22

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 37.261 $\pm$ 0.050 χ^2 /NDF: 17212.2/21

Left: 37.472 $\pm$ 0.035 χ^2 /NDF: 37483.3/44

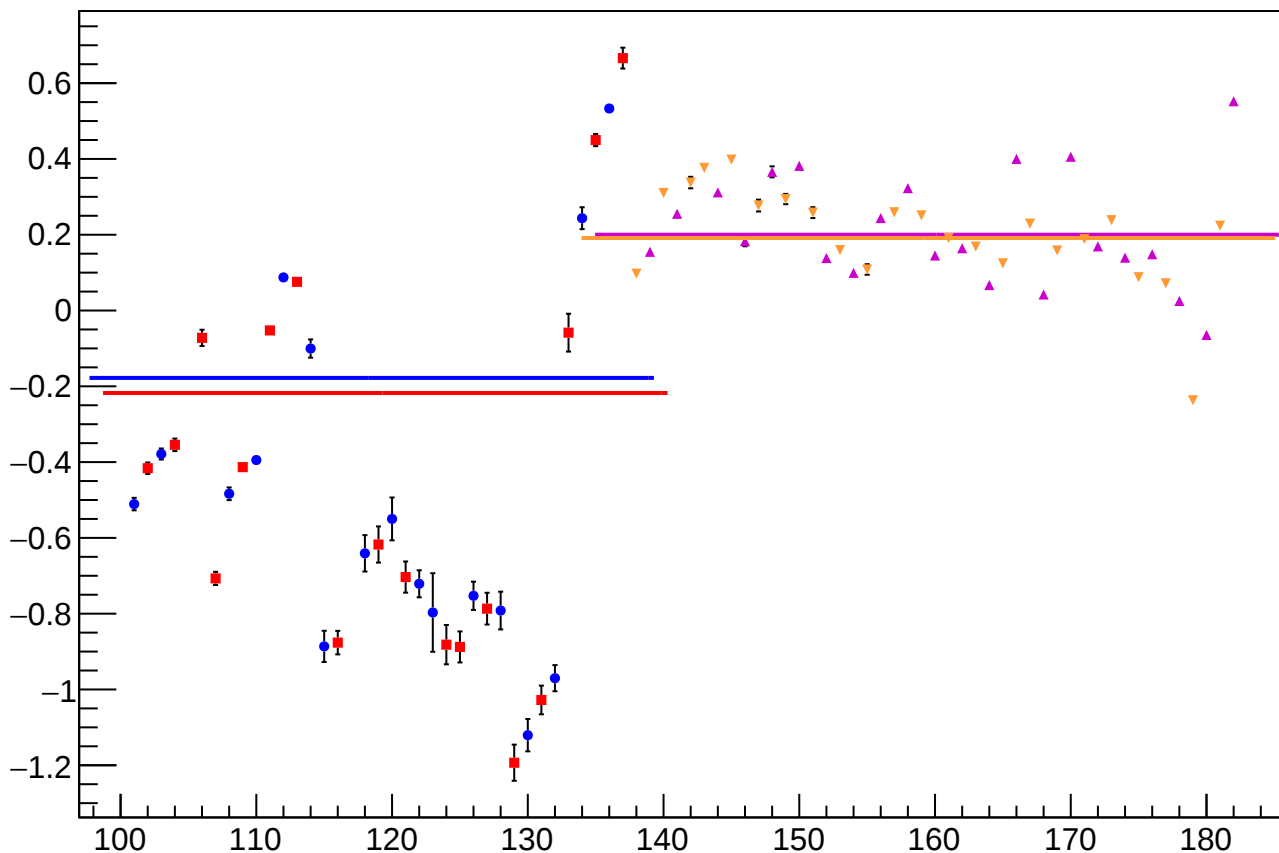
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 38.860 $\pm$ 0.043 χ^2 /NDF: 32081.4/38

Out: 38.468 $\pm$ 0.042 χ^2 /NDF: 38176.6/40

All: 38.658 $\pm$ 0.030 χ^2 /NDF: 70301.0/79

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178±/0.005 χ^2/NDF : 7364.4/16

Left Out: 0.191±/0.002 χ^2/NDF :3290.2/22

Right Out: -0.218±/0.004 χ^2/NDF : 7455.7/17

Left In: 0.200±/0.002 χ^2/NDF :4417.7/21

Left: 0.196±/0.002 χ^2/NDF : 7715.4/44

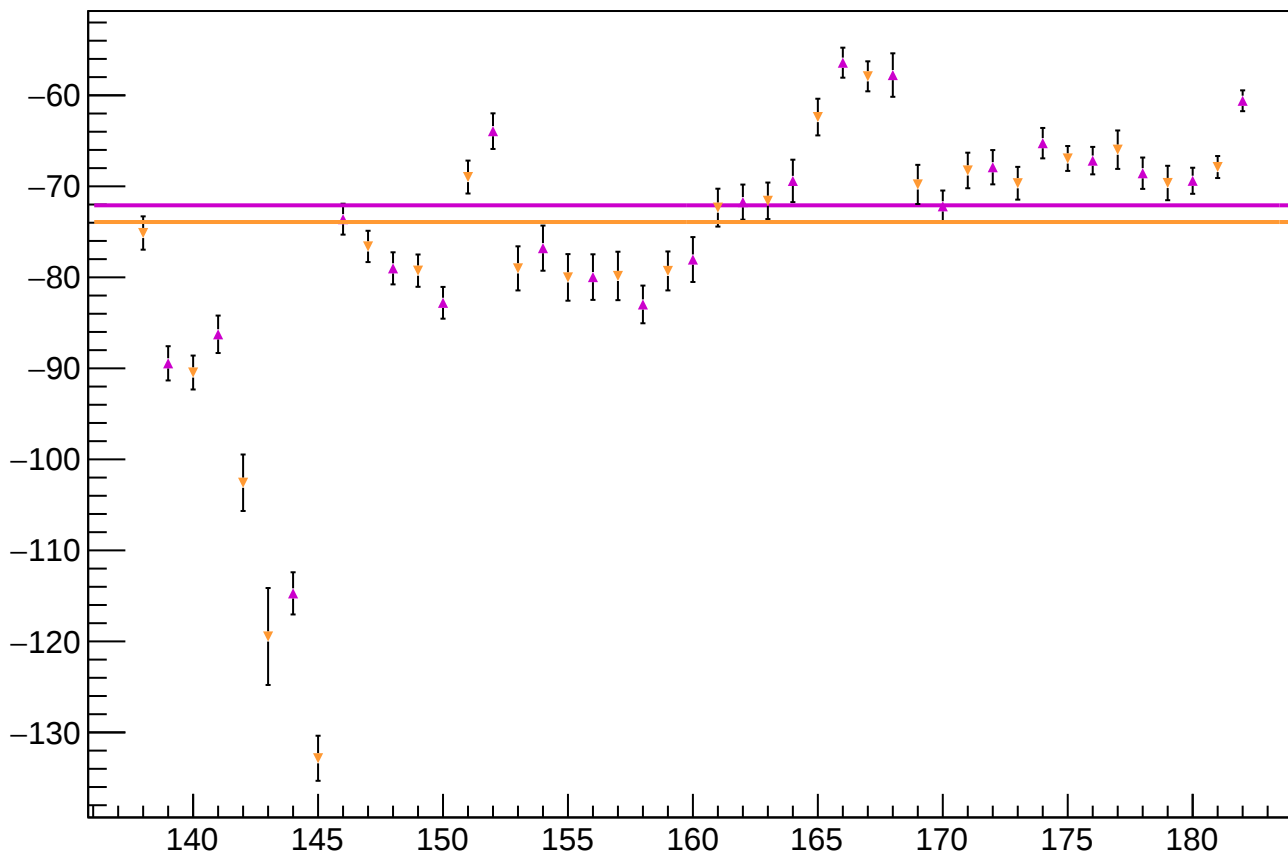
Right: -0.200±/0.003 χ^2/NDF : 14857.8/34

In: 0.133±/0.002 χ^2/NDF :16782.4/38

Out: 0.103±/0.002 χ^2/NDF :17799.7/40

All: 0.118±/0.001 χ^2/NDF : 34686.1/79

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -72.086+/-0.387 χ^2/NDF :857.5/21

Left: -72.965+/-0.279 χ^2/NDF : 1929.6/44

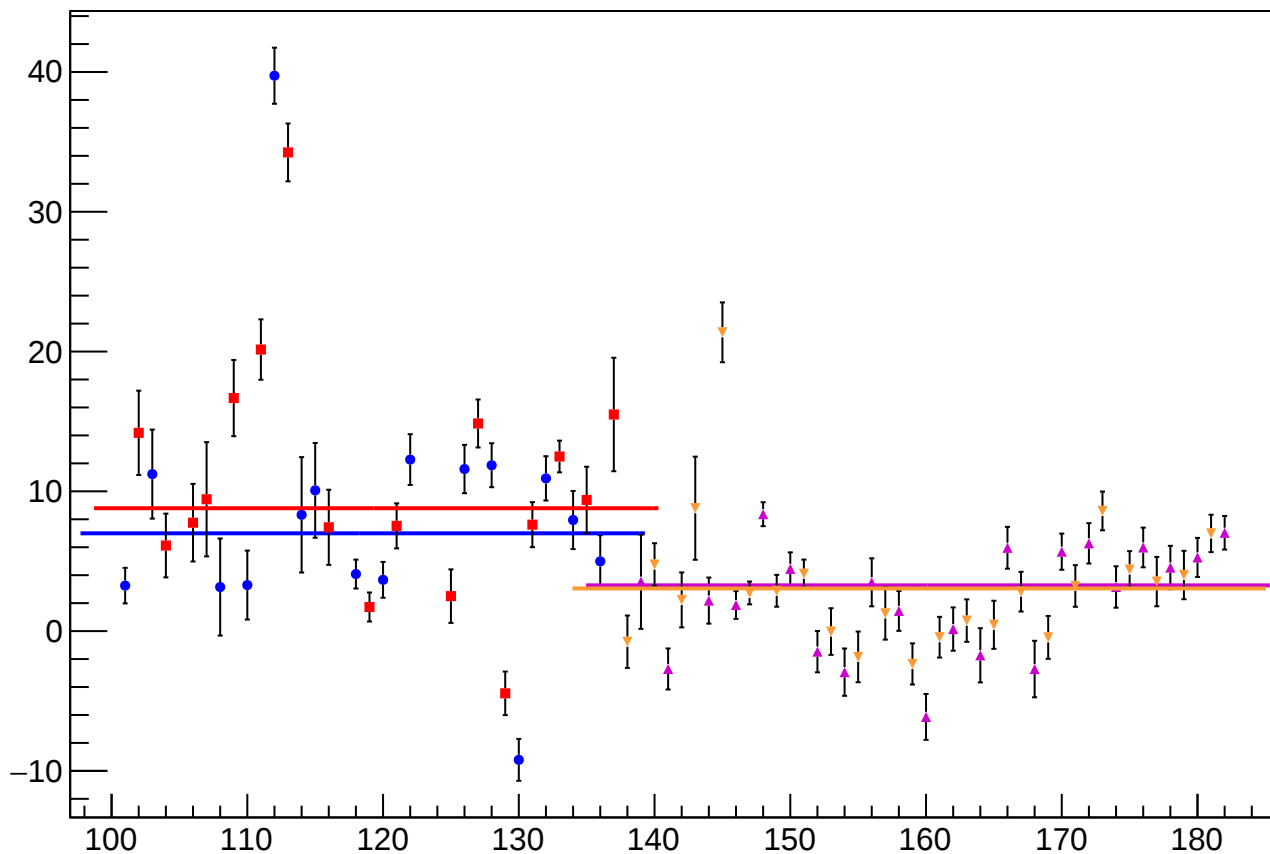
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -72.086+/-0.387 χ^2/NDF :857.5/21

Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

All: -72.965+/-0.279 χ^2/NDF : 1929.6/44

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.050 ± 0.304 $\chi^2/\text{NDF}: 149.4/22$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.271 ± 0.301 $\chi^2/\text{NDF}: 160.5/21$

Left: 3.162 ± 0.214 $\chi^2/\text{NDF}: 310.1/44$

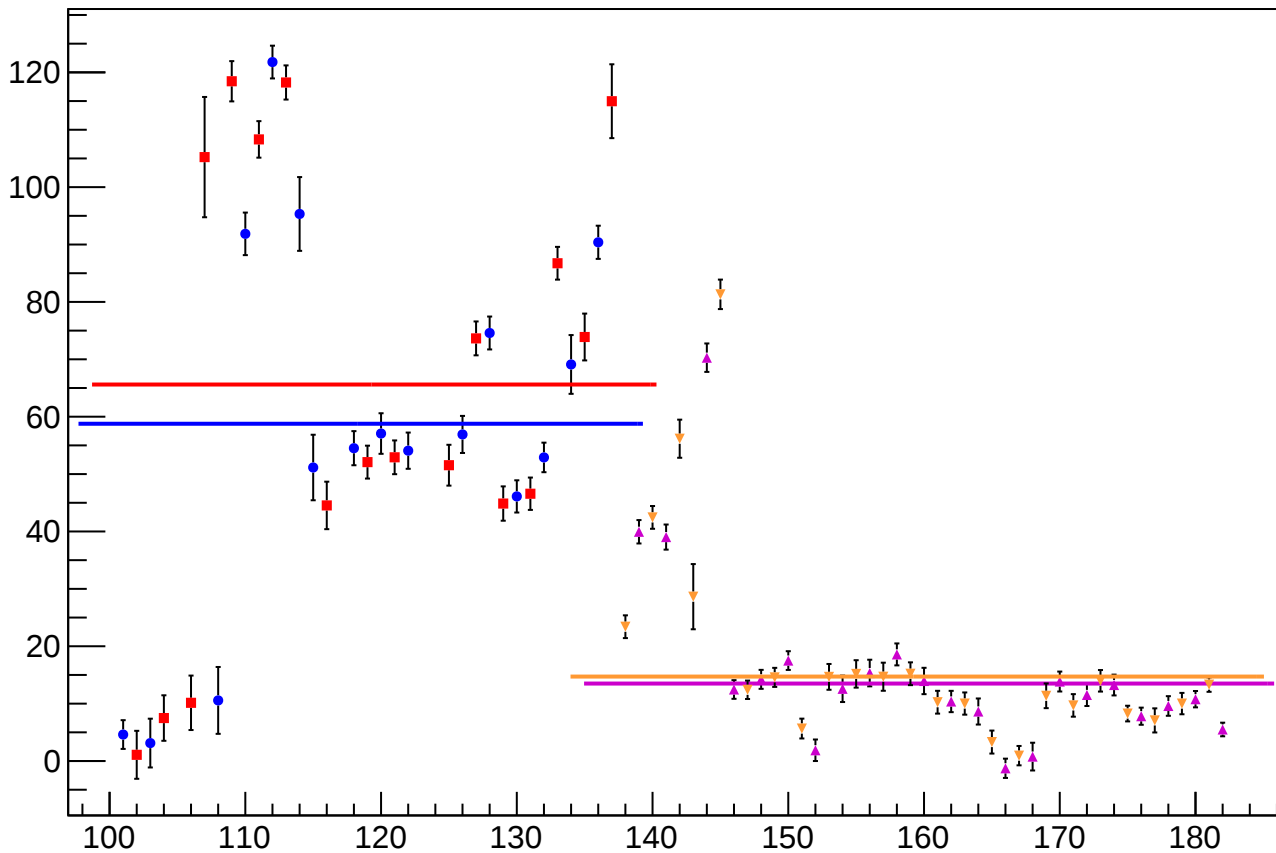
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.479 ± 0.247 $\chi^2/\text{NDF}: 655.5/37$

Out: 4.849 ± 0.252 $\chi^2/\text{NDF}: 610.2/39$

All: 4.661 ± 0.176 $\chi^2/\text{NDF}: 1266.8/77$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 14.717 $\pm$ 0.401 χ^2 /NDF:1240.6/22

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 13.500 $\pm$ 0.385 χ^2 /NDF:1064.7/21

Left: 14.084 $\pm$ 0.277 χ^2 /NDF: 2310.1/44

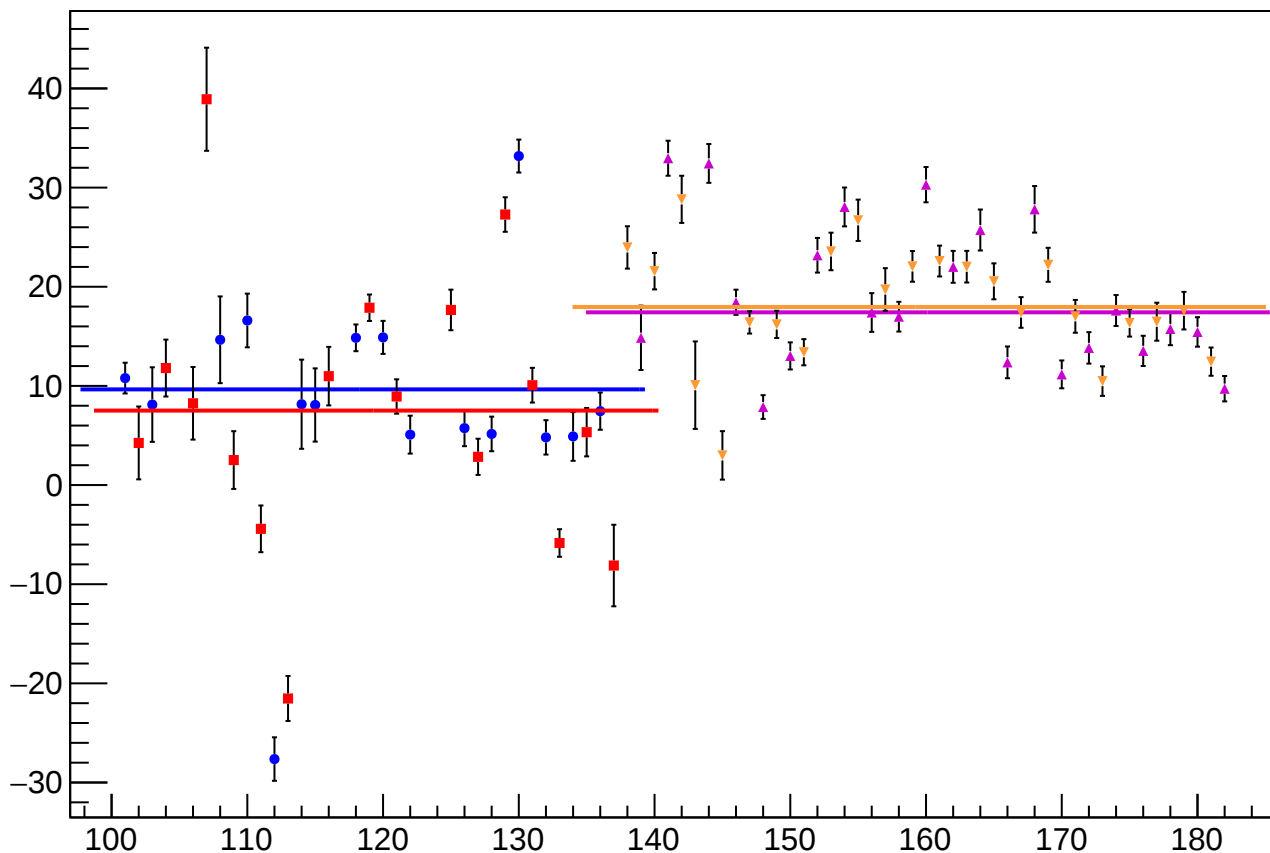
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 21.455 $\pm$ 0.349 χ^2 /NDF:4993.0/37

Out: 24.066 $\pm$ 0.362 χ^2 /NDF:5828.4/39

All: 22.713 $\pm$ 0.251 χ^2 /NDF: 10848.3/77

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 17.961 ± 0.349 $\chi^2/\text{NDF}: 188.9/22$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 17.420 ± 0.343 $\chi^2/\text{NDF}: 428.8/21$

Left: 17.686 ± 0.245 $\chi^2/\text{NDF}: 619.0/44$

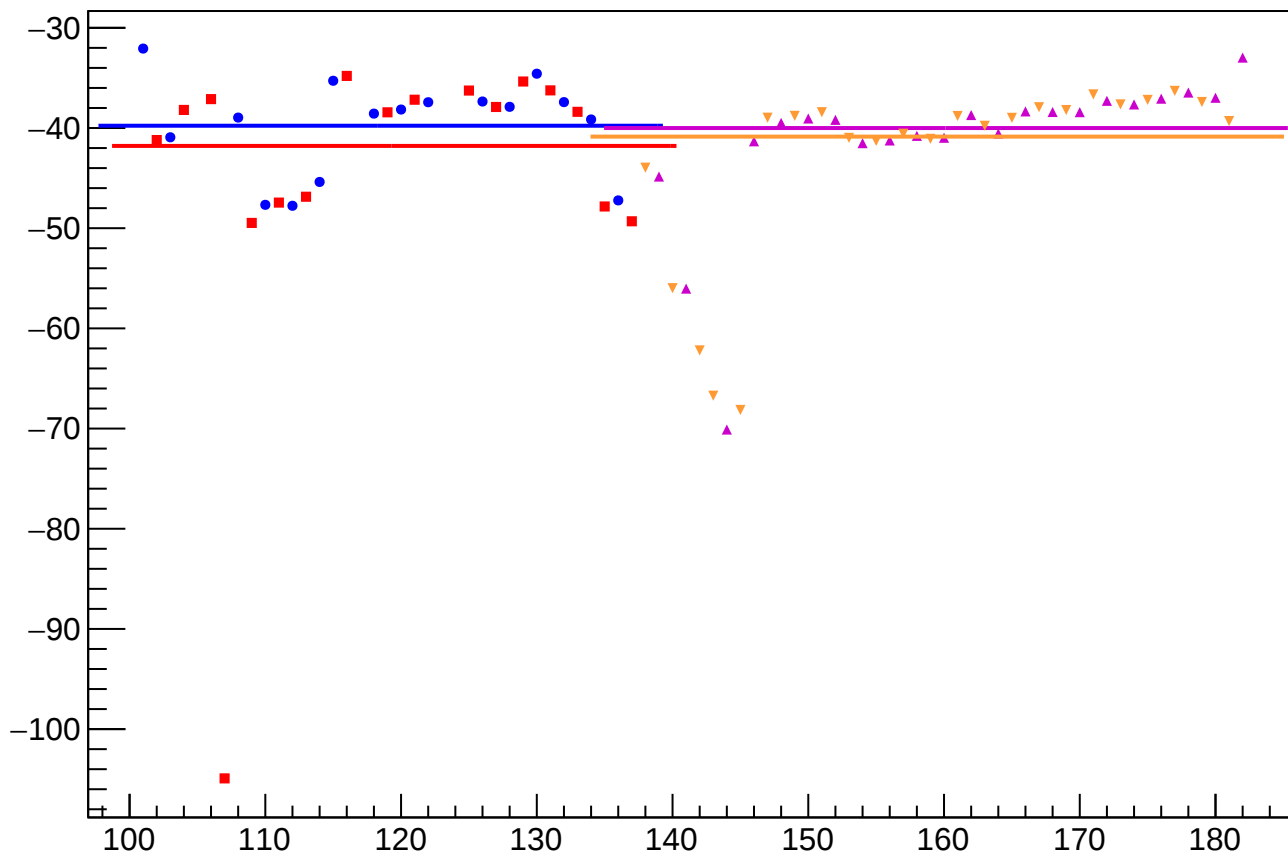
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 14.950 ± 0.283 $\chi^2/\text{NDF}: 1145.8/37$

Out: 14.682 ± 0.289 $\chi^2/\text{NDF}: 1034.2/39$

All: 14.819 ± 0.202 $\chi^2/\text{NDF}: 2180.5/77$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -40.857 ± 0.016 χ^2/NDF : 163669.6/22

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -40.002 ± 0.016 χ^2/NDF : 140531.8/21

Left: -40.412 ± 0.011 χ^2/NDF : 305604.1/44

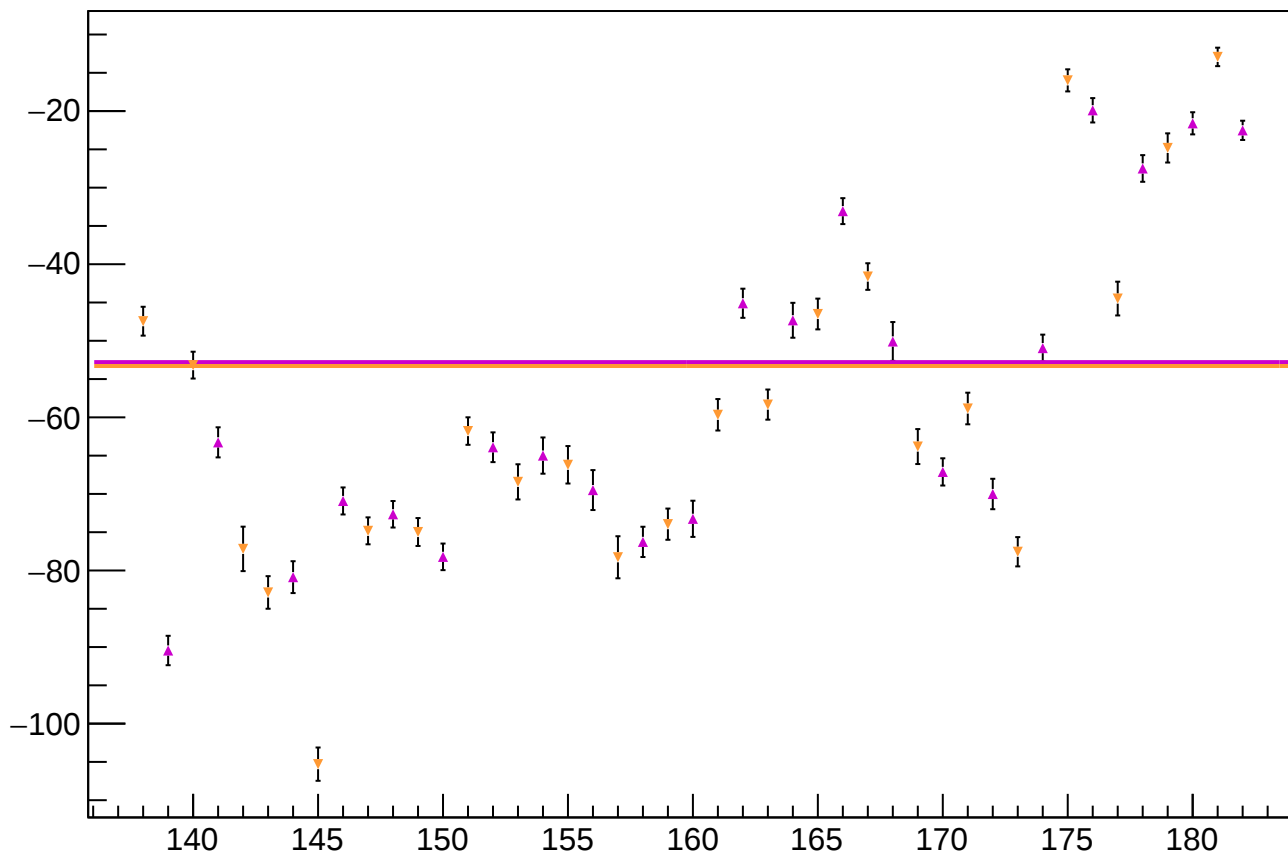
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -39.955 ± 0.014 χ^2/NDF : 166752.2/37

Out: -41.057 ± 0.015 χ^2/NDF : 257366.8/39

All: -40.487 ± 0.010 χ^2/NDF : 427075.4/77

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.294+/-0.400 χ^2/NDF :3702.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.785+/-0.393 χ^2/NDF :3347.4/21

Left: -53.035+/-0.280 χ^2/NDF : 7050.7/44

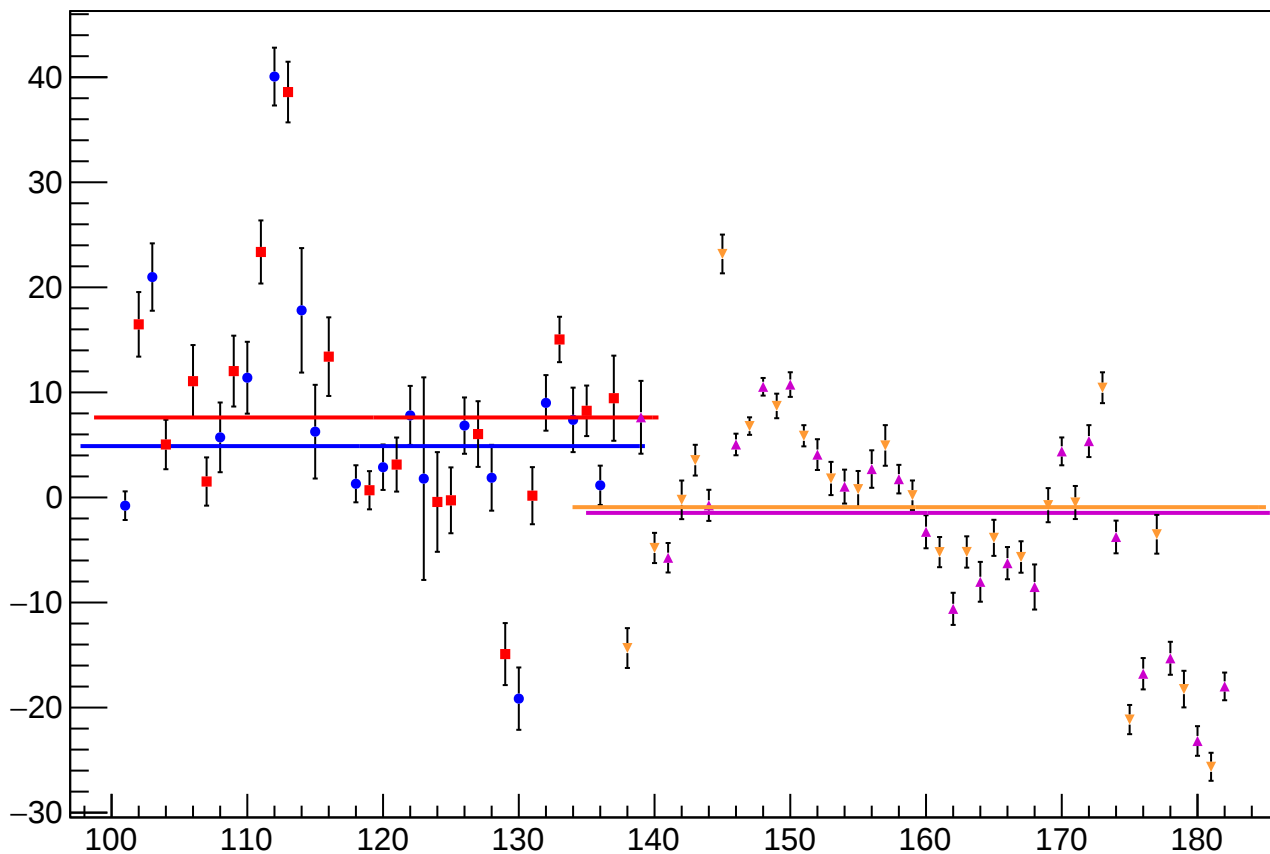
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.785+/-0.393 χ^2/NDF :3347.4/21

Out: -53.294+/-0.400 χ^2/NDF :3702.5/22

All: -53.035+/-0.280 χ^2/NDF : 7050.7/44

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -0.924 ± 0.299 $\chi^2/\text{NDF}: 1196.2/22$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: -1.469 ± 0.302 $\chi^2/\text{NDF}: 1085.8/21$

Left: -1.194 ± 0.213 $\chi^2/\text{NDF}: 2283.6/44$

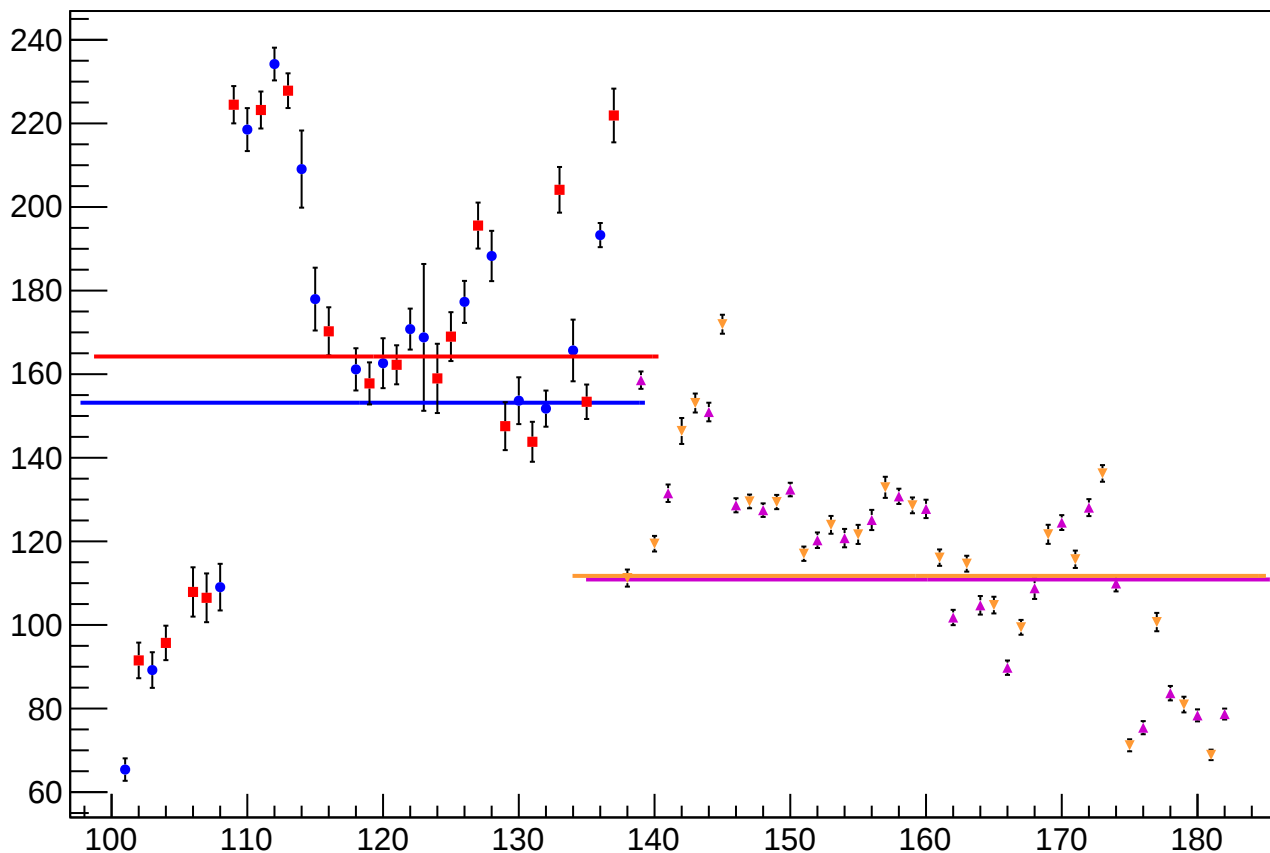
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: -0.255 ± 0.272 $\chi^2/\text{NDF}: 1465.0/38$

Out: 0.562 ± 0.272 $\chi^2/\text{NDF}: 1606.9/40$

All: 0.154 ± 0.192 $\chi^2/\text{NDF}: 3076.4/79$

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: 111.741 $\pm$ 0.398 χ^2 /NDF: 4108.3/22

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 110.880 $\pm$ 0.390 χ^2 /NDF: 3785.6/21

Left: 111.302 $\pm$ 0.279 χ^2 /NDF: 7896.3/44

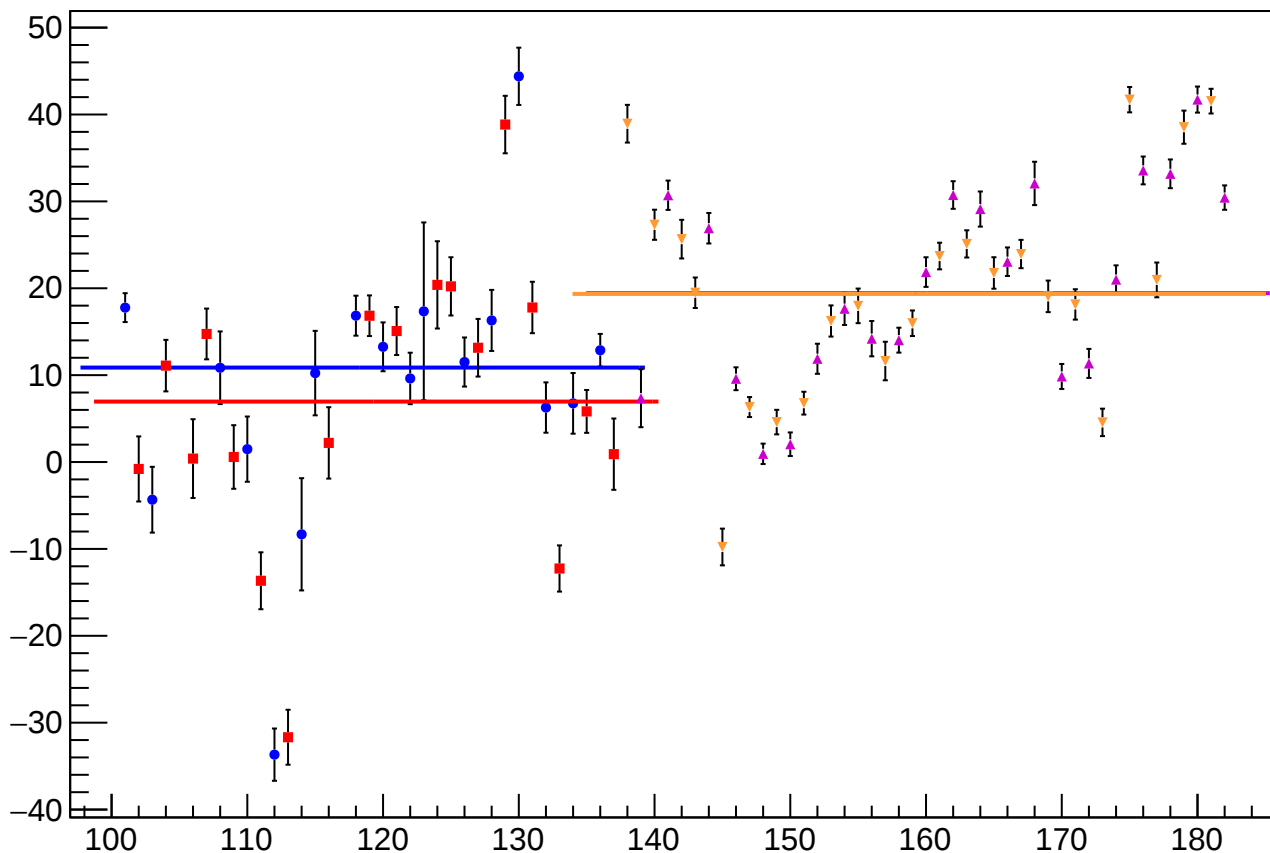
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 115.266 $\pm$ 0.369 χ^2 /NDF: 7269.8/38

Out: 117.079 $\pm$ 0.377 χ^2 /NDF: 7431.1/40

All: 116.152 $\pm$ 0.264 χ^2 /NDF: 14712.8/79

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 19.352 $\pm$ 0.345 χ^2 /NDF:1350.5/22

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 19.434 $\pm$ 0.345 χ^2 /NDF:1187.6/21

Left: 19.393 $\pm$ 0.244 χ^2 /NDF: 2538.1/44

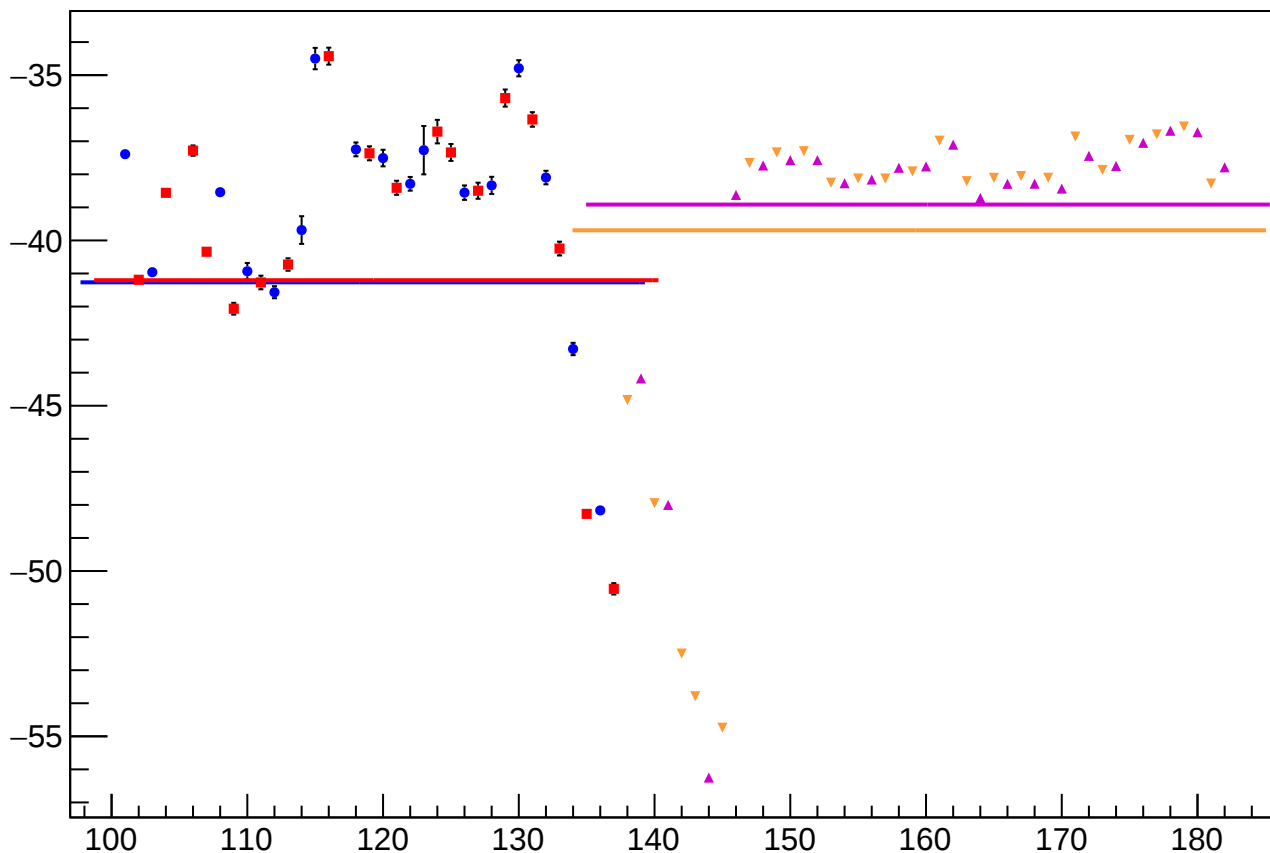
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 17.814 $\pm$ 0.311 χ^2 /NDF:1690.7/38

Out: 17.182 $\pm$ 0.313 χ^2 /NDF:1998.6/40

All: 17.501 $\pm$ 0.221 χ^2 /NDF: 3691.3/79

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: -39.694 ± 0.016 $\chi^2/\text{NDF}: 90821.8/22$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -38.915 ± 0.016 $\chi^2/\text{NDF}: 54263.6/21$

Left: -39.296 ± 0.011 $\chi^2/\text{NDF}: 146244.9/44$

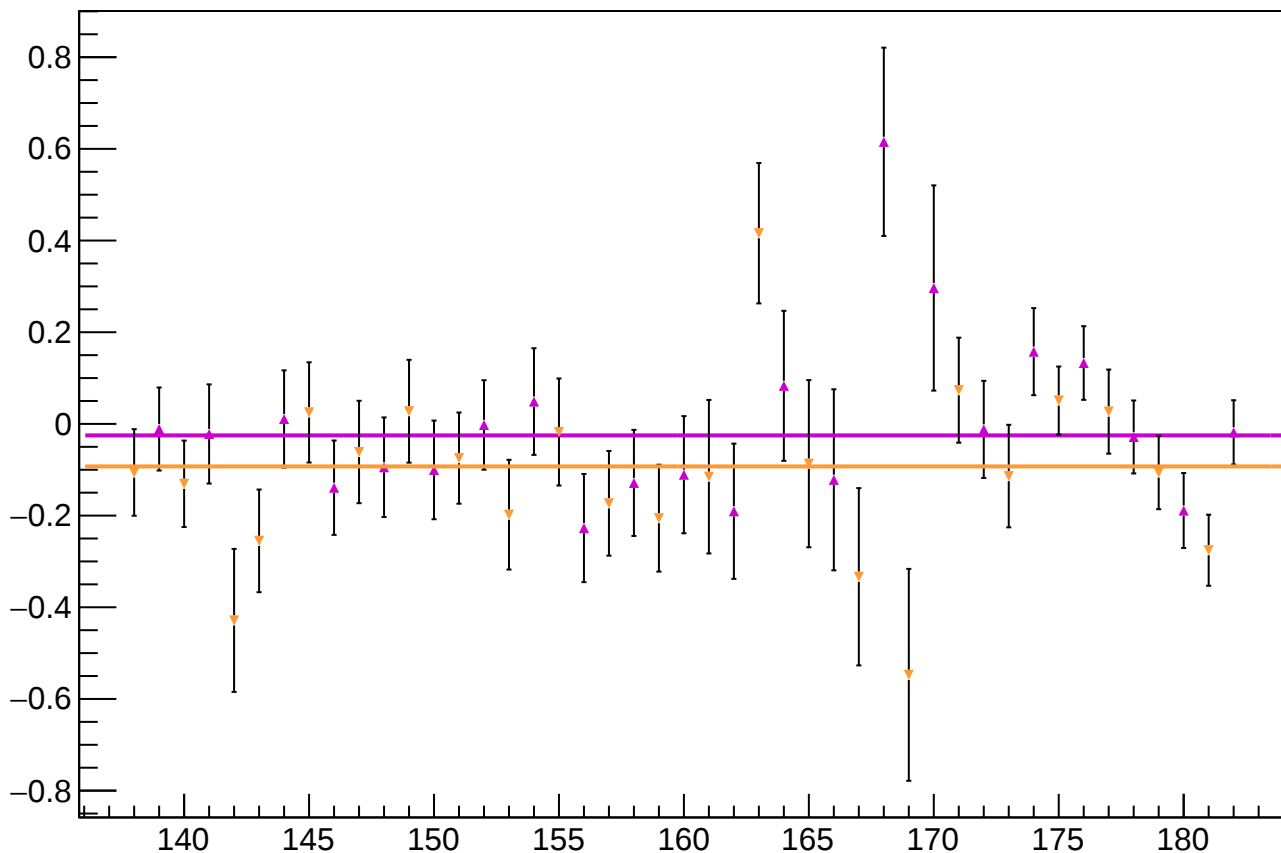
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -39.261 ± 0.015 $\chi^2/\text{NDF}: 70024.5/38$

Out: -39.920 ± 0.015 $\chi^2/\text{NDF}: 104114.8/40$

All: -39.584 ± 0.011 $\chi^2/\text{NDF}: 175117.3/79$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.093 $\pm$ 0.023 χ^2 /NDF:41.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21

Left: -0.058 $\pm$ 0.016 χ^2 /NDF: 78.3/44

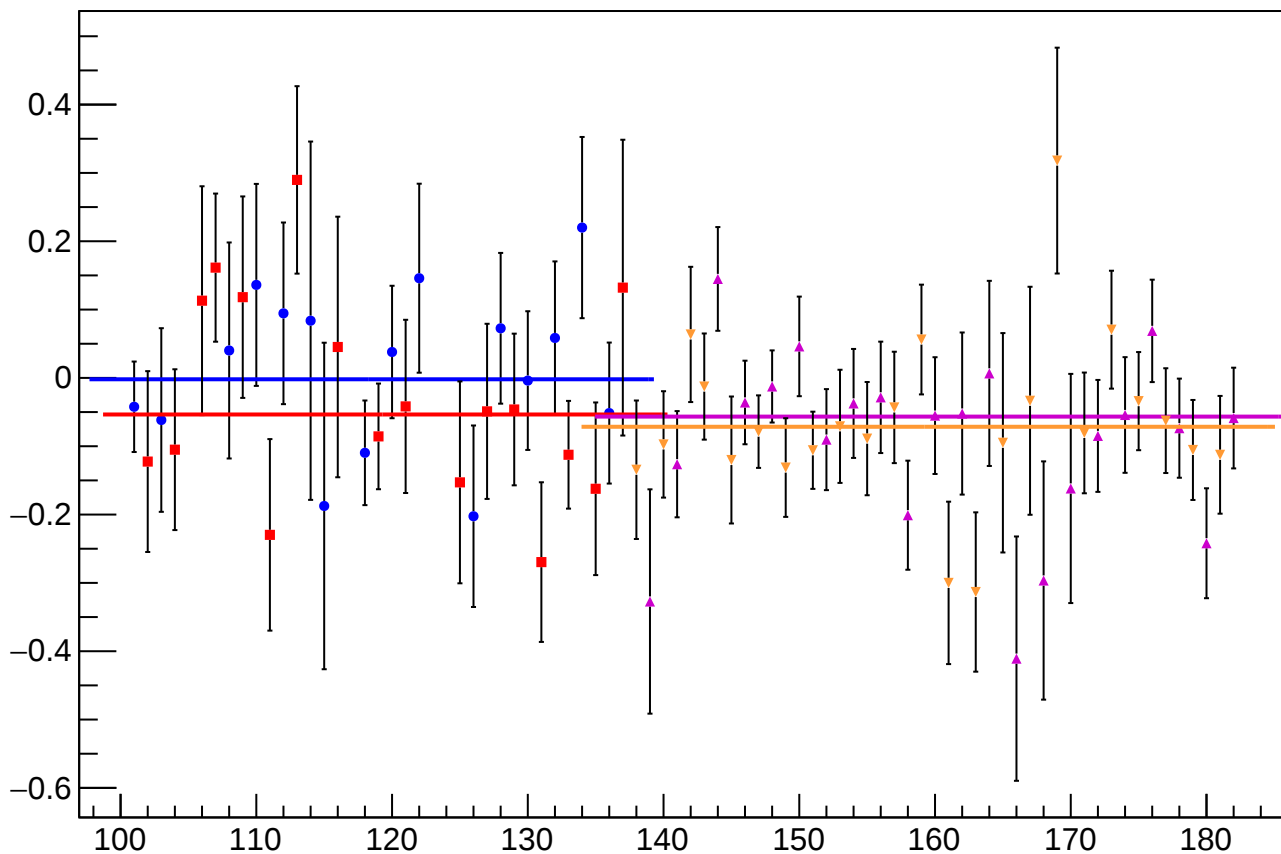
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21

Out: -0.093 $\pm$ 0.023 χ^2 /NDF:41.6/22

All: -0.058 $\pm$ 0.016 χ^2 /NDF: 78.3/44

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.072 ± 0.017 χ^2/NDF : 24.0/22

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.057 ± 0.018 χ^2/NDF : 31.7/21

Left: -0.064 ± 0.012 χ^2/NDF : 56.1/44

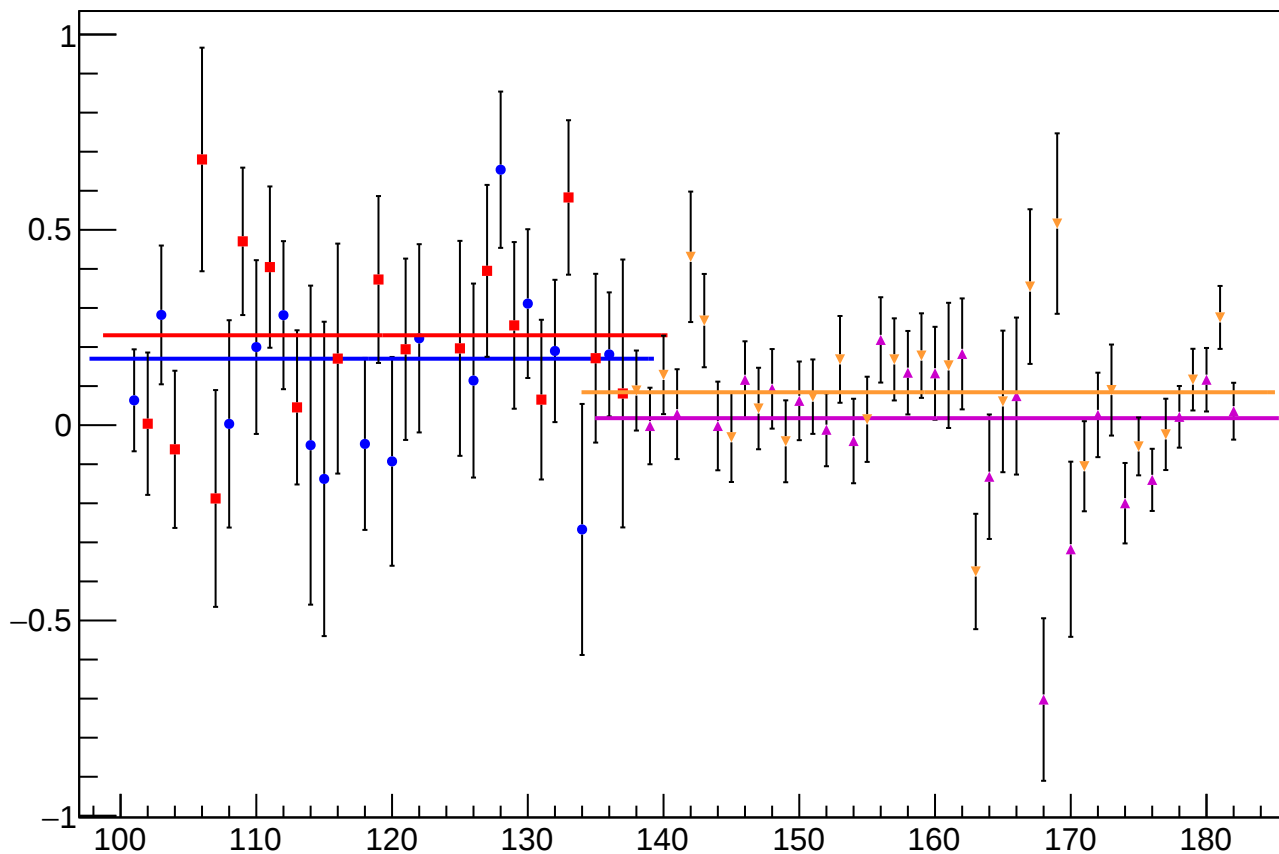
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.041 ± 0.015 χ^2/NDF : 46.5/37

Out: -0.067 ± 0.015 χ^2/NDF : 45.3/39

All: -0.054 ± 0.011 χ^2/NDF : 93.3/77

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.084 $\pm$ 0.023 χ^2 /NDF:40.5/22

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.018 $\pm$ 0.022 χ^2 /NDF:34.2/21

Left: 0.051 $\pm$ 0.016 χ^2 /NDF: 79.0/44

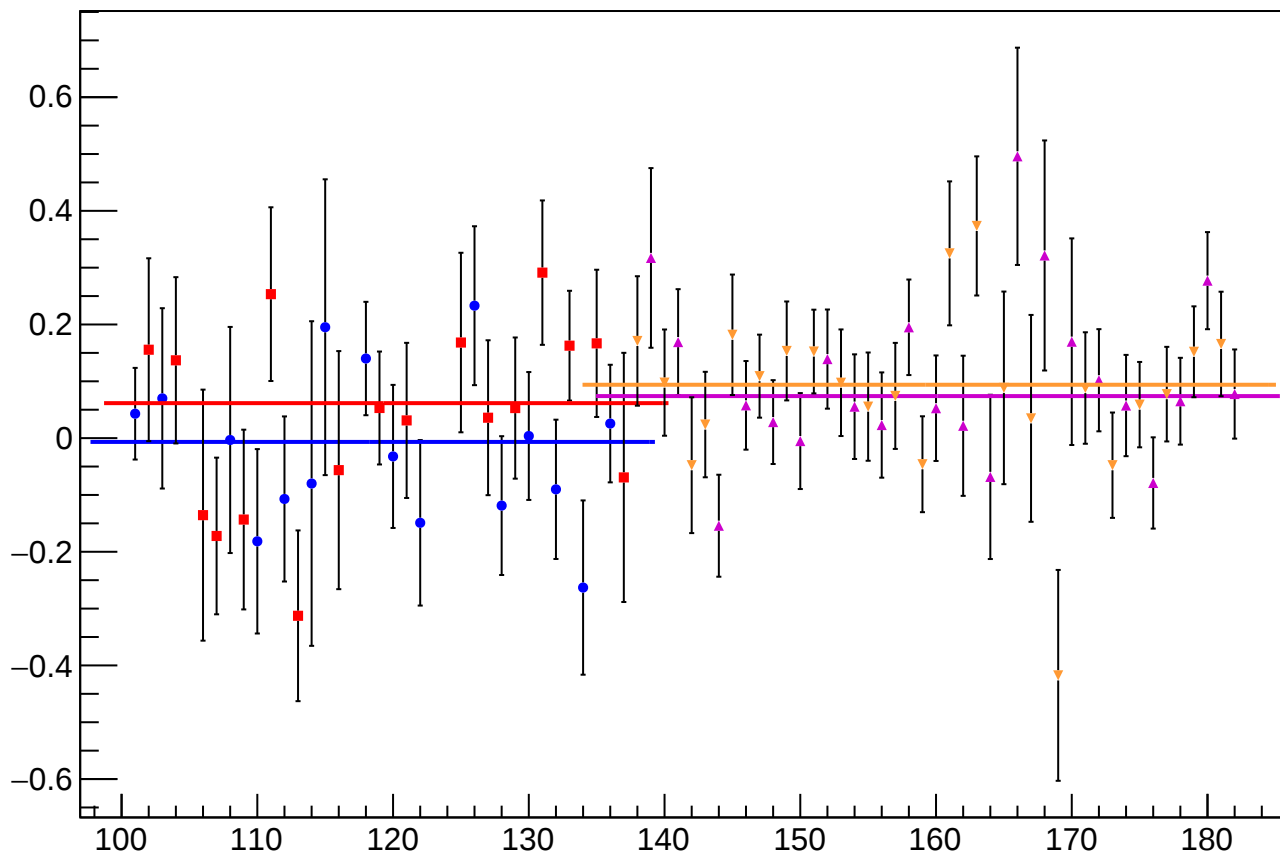
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.041 $\pm$ 0.021 χ^2 /NDF:54.3/37

Out: 0.106 $\pm$ 0.021 χ^2 /NDF:63.5/39

All: 0.073 $\pm$ 0.015 χ^2 /NDF: 122.7/77

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.094 ± 0.020 $\chi^2/\text{NDF}: 27.2/22$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.074 ± 0.020 $\chi^2/\text{NDF}: 31.4/21$

Left: 0.084 ± 0.014 $\chi^2/\text{NDF}: 59.1/44$

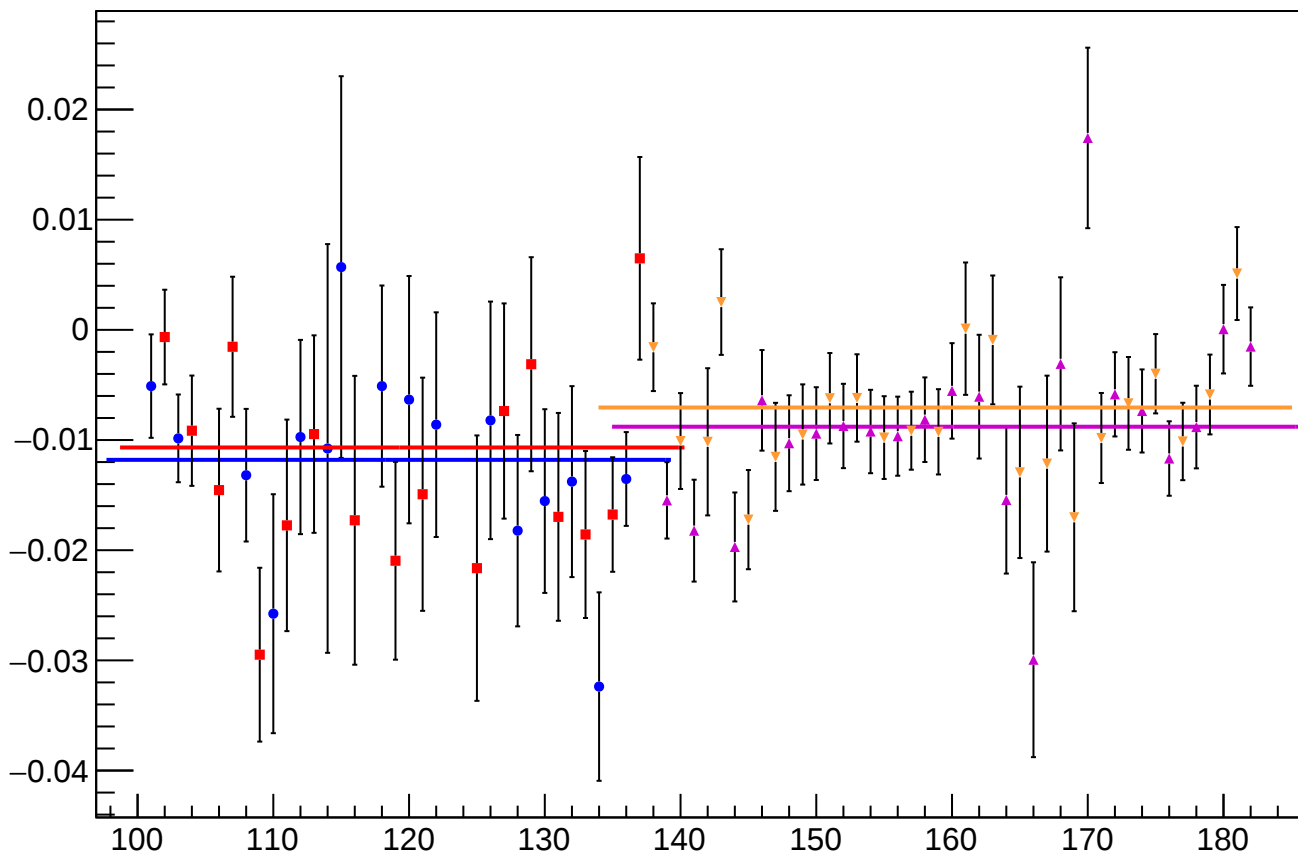
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.052 ± 0.017 $\chi^2/\text{NDF}: 49.1/37$

Out: 0.086 ± 0.017 $\chi^2/\text{NDF}: 47.9/39$

All: 0.069 ± 0.012 $\chi^2/\text{NDF}: 98.9/77$

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 : 29.3/22

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.009 ± 0.001 χ^2/NDF : 42.0/21

Left: -0.008 ± 0.001 χ^2/NDF : 73.2/44

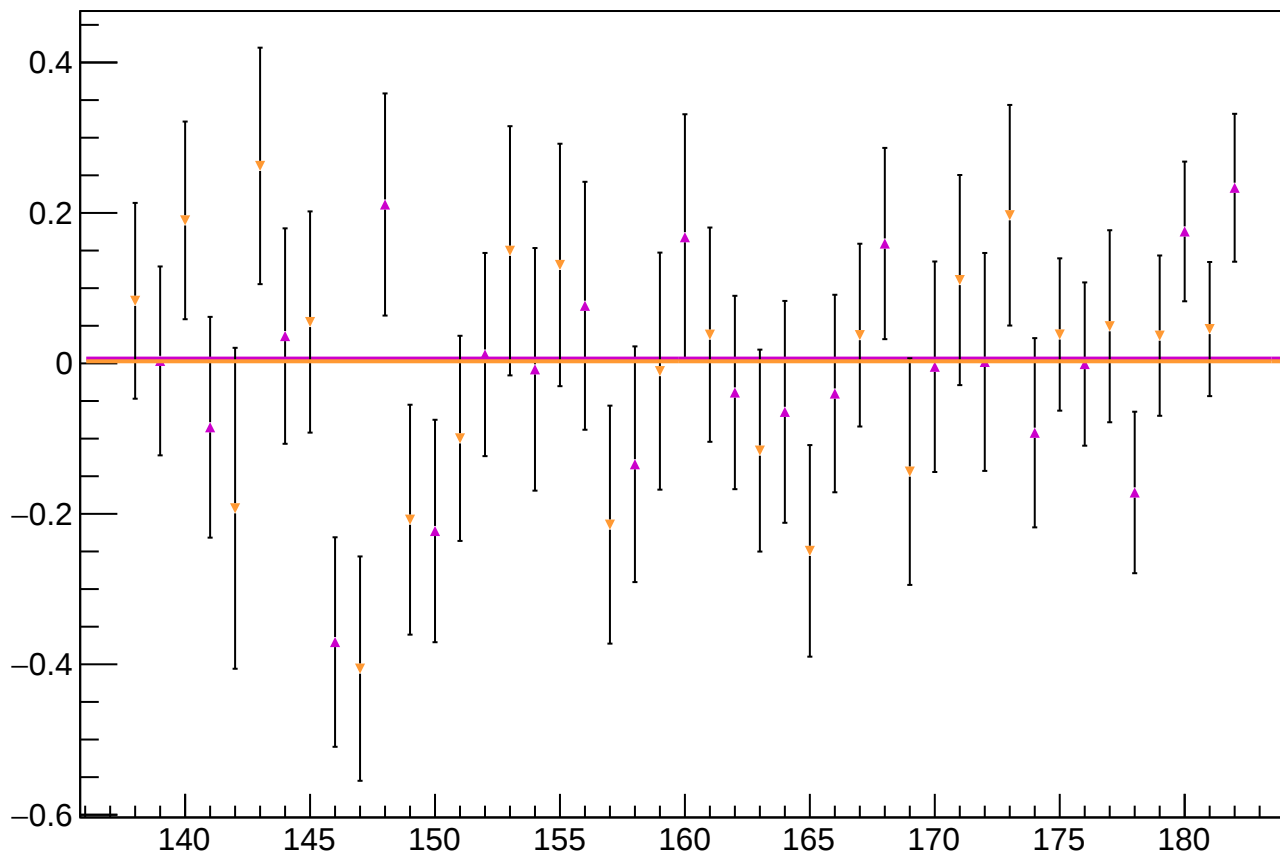
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.009 ± 0.001 χ^2/NDF : 57.1/37

Out: -0.008 ± 0.001 χ^2/NDF : 56.3/39

All: -0.009 ± 0.001 χ^2/NDF : 115.3/77

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Left: 0.005 $\pm$ 0.020 χ^2 /NDF: 55.4/44

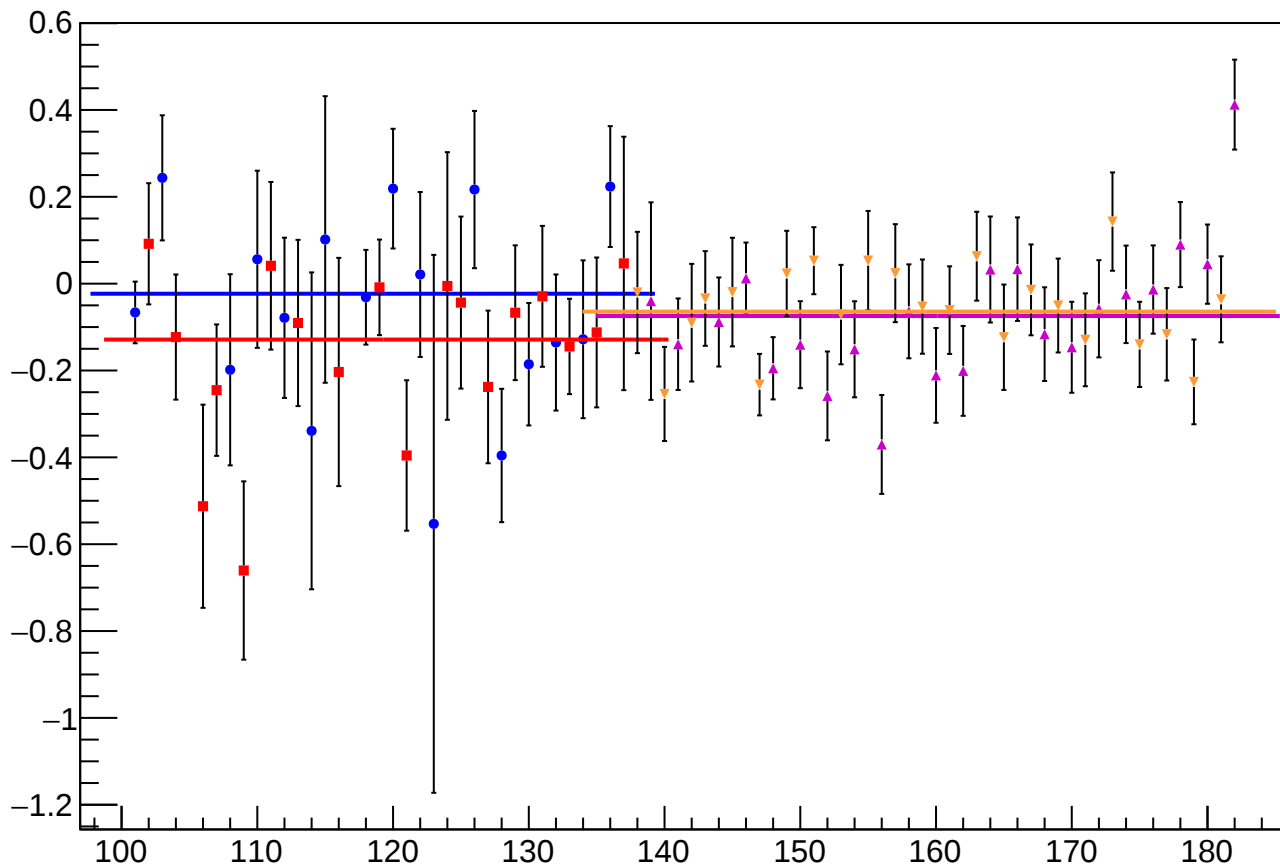
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22

All: 0.005 $\pm$ 0.020 χ^2 /NDF: 55.4/44

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.064 ± 0.022 $\chi^2/\text{NDF}: 23.3/22$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.075 ± 0.022 $\chi^2/\text{NDF}: 47.7/21$

Left: -0.069 ± 0.015 $\chi^2/\text{NDF}: 71.1/44$

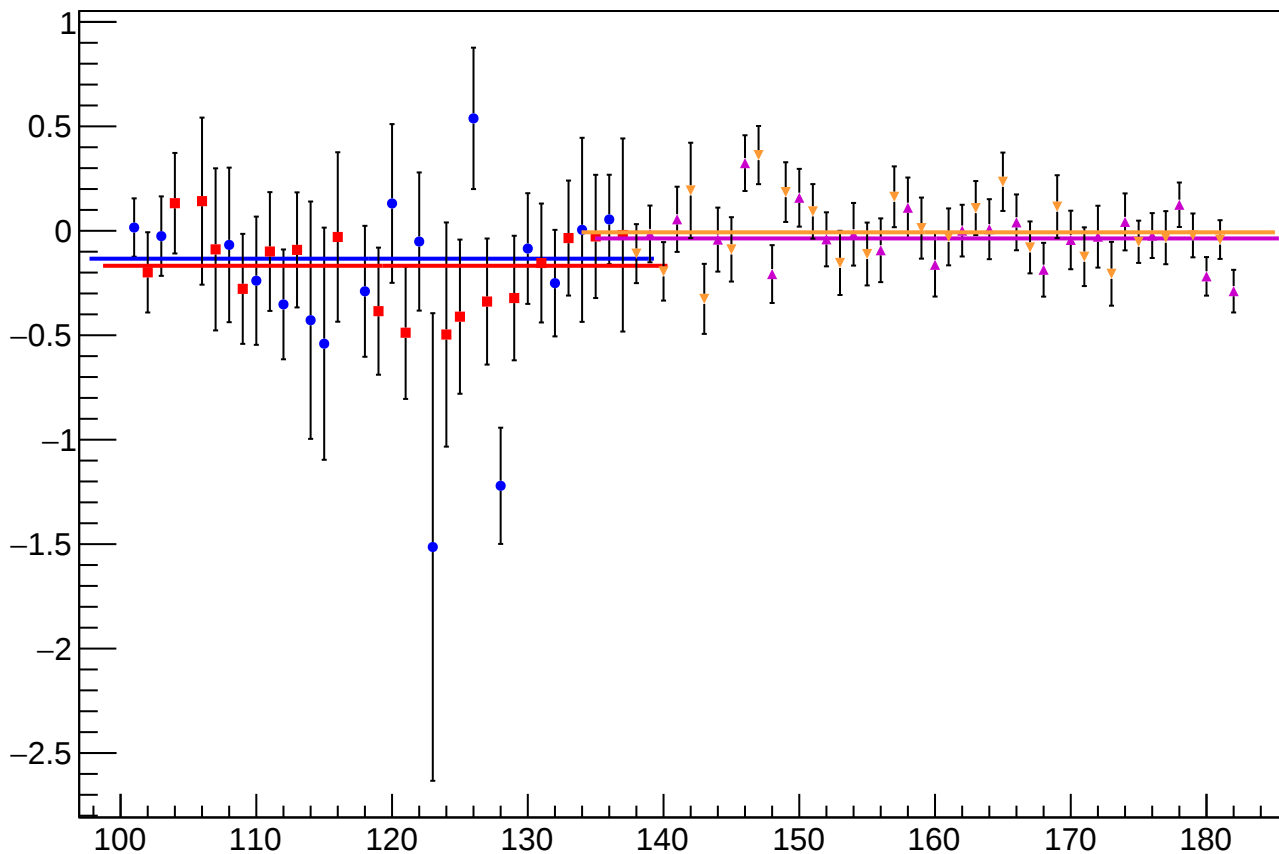
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.061 ± 0.019 $\chi^2/\text{NDF}: 71.6/38$

Out: -0.079 ± 0.019 $\chi^2/\text{NDF}: 43.9/40$

All: -0.070 ± 0.013 $\chi^2/\text{NDF}: 116.0/79$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.007 ± 0.028 χ^2/NDF : 26.8/22

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.037 ± 0.028 χ^2/NDF : 27.6/21

Left: -0.022 ± 0.020 χ^2/NDF : 54.9/44

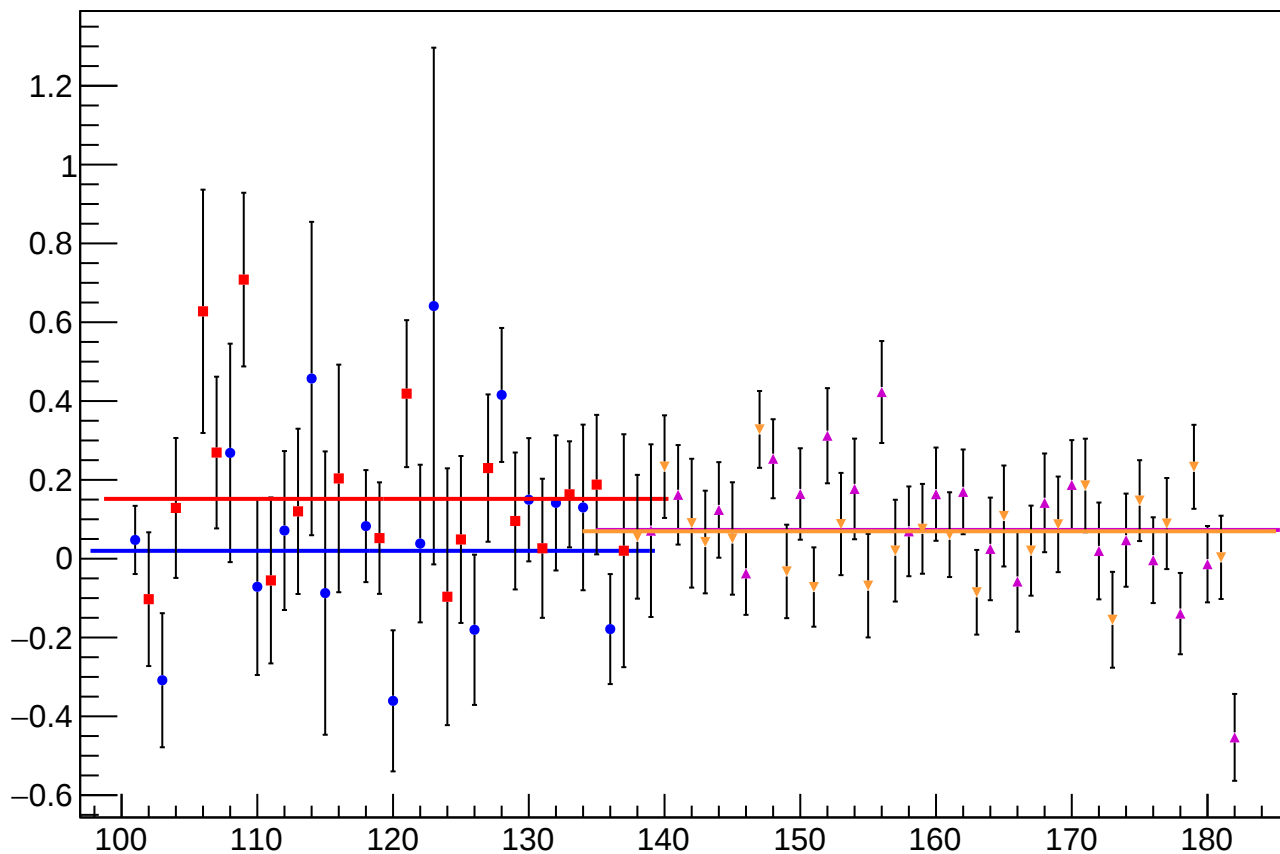
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.051 ± 0.026 χ^2/NDF : 55.1/38

Out: -0.029 ± 0.026 χ^2/NDF : 37.4/40

All: -0.040 ± 0.018 χ^2/NDF : 92.8/79

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.070 ± 0.025 χ^2/NDF : 22.8/22

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.073 ± 0.025 χ^2/NDF : 50.0/21

Left: 0.071 ± 0.018 χ^2/NDF : 72.8/44

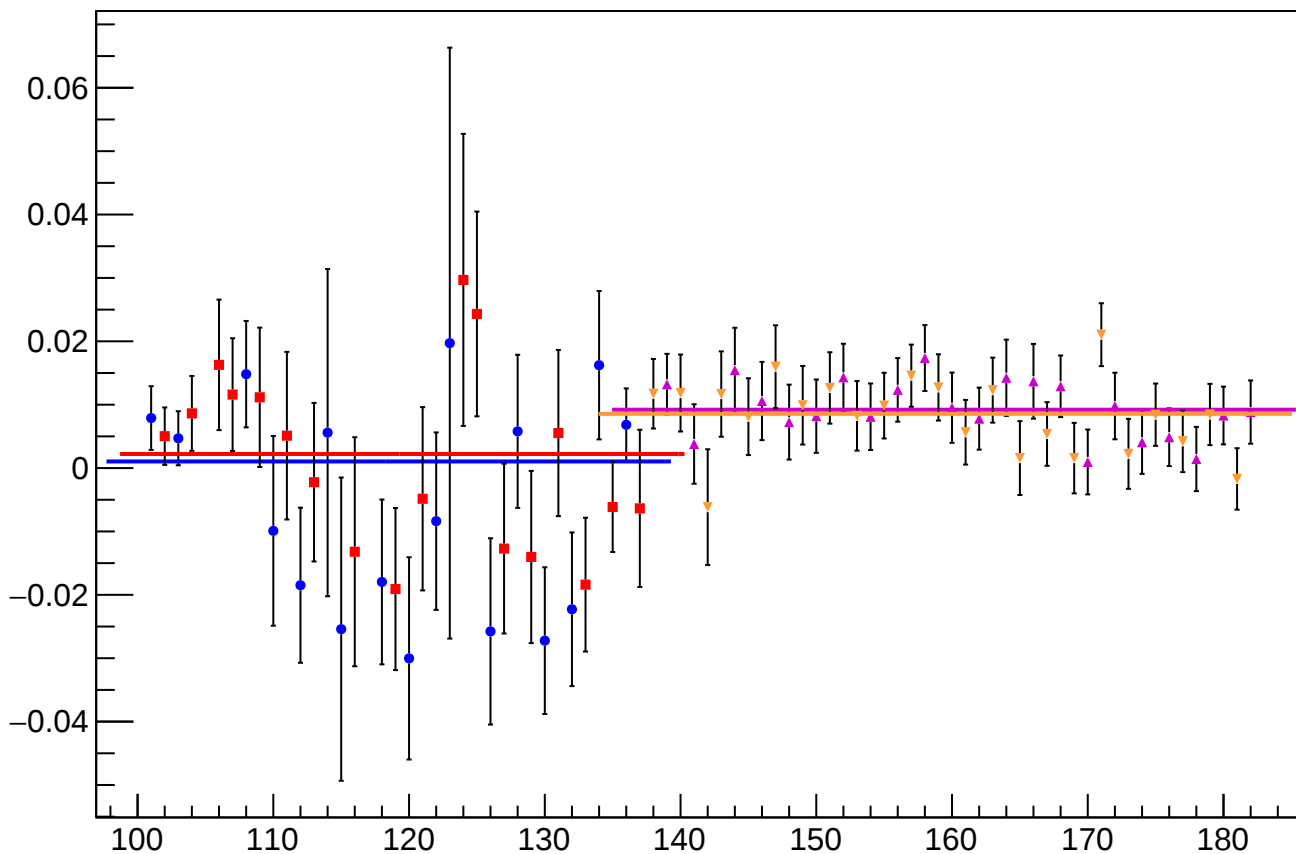
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.059 ± 0.021 χ^2/NDF : 73.0/38

Out: 0.088 ± 0.022 χ^2/NDF : 42.1/40

All: 0.074 ± 0.015 χ^2/NDF : 116.0/79

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: 0.009 $\pm$ 0.001 χ^2 /NDF:24.7/22

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF:15.2/21

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 40.1/44

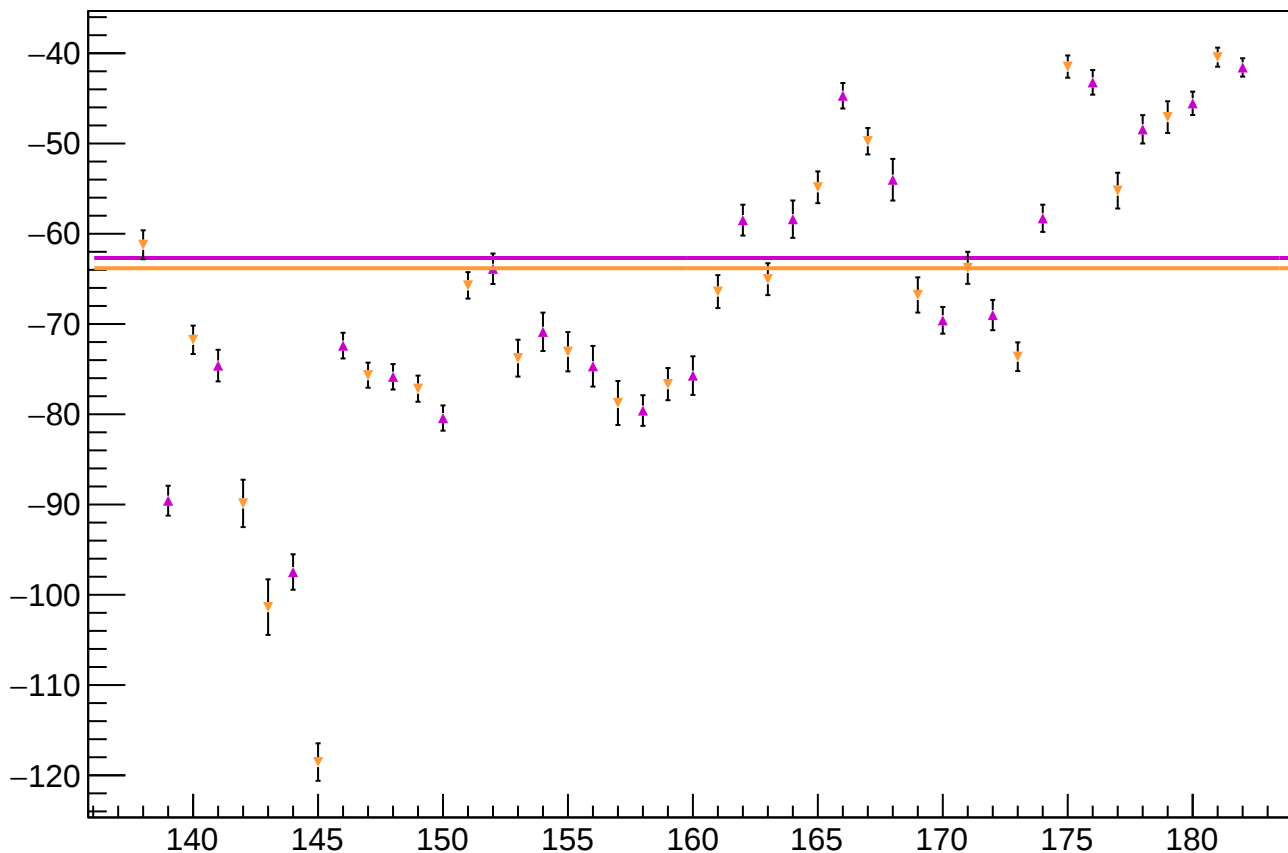
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:58.0/38

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:51.7/40

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 109.7/79

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -63.817+/-0.349 χ^2/NDF :2351.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Left: -63.230+/-0.242 χ^2/NDF : 4579.5/44

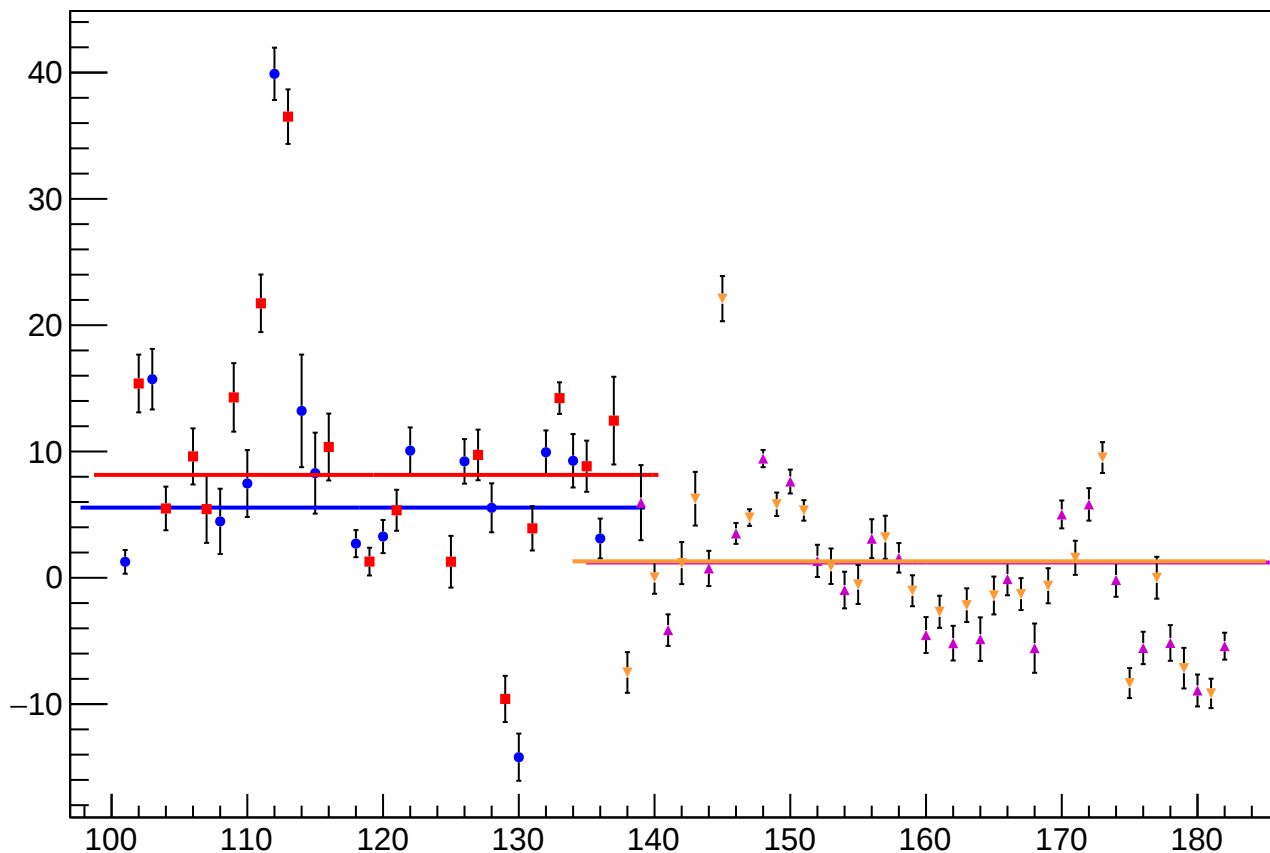
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Out: -63.817+/-0.349 χ^2/NDF :2351.0/22

All: -63.230+/-0.242 χ^2/NDF : 4579.5/44

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: 1.306 $\pm$ 0.258 χ^2 /NDF:500.2/22

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 1.212 $\pm$ 0.257 χ^2 /NDF:465.0/21

Left: 1.259 $\pm$ 0.182 χ^2 /NDF: 965.2/44

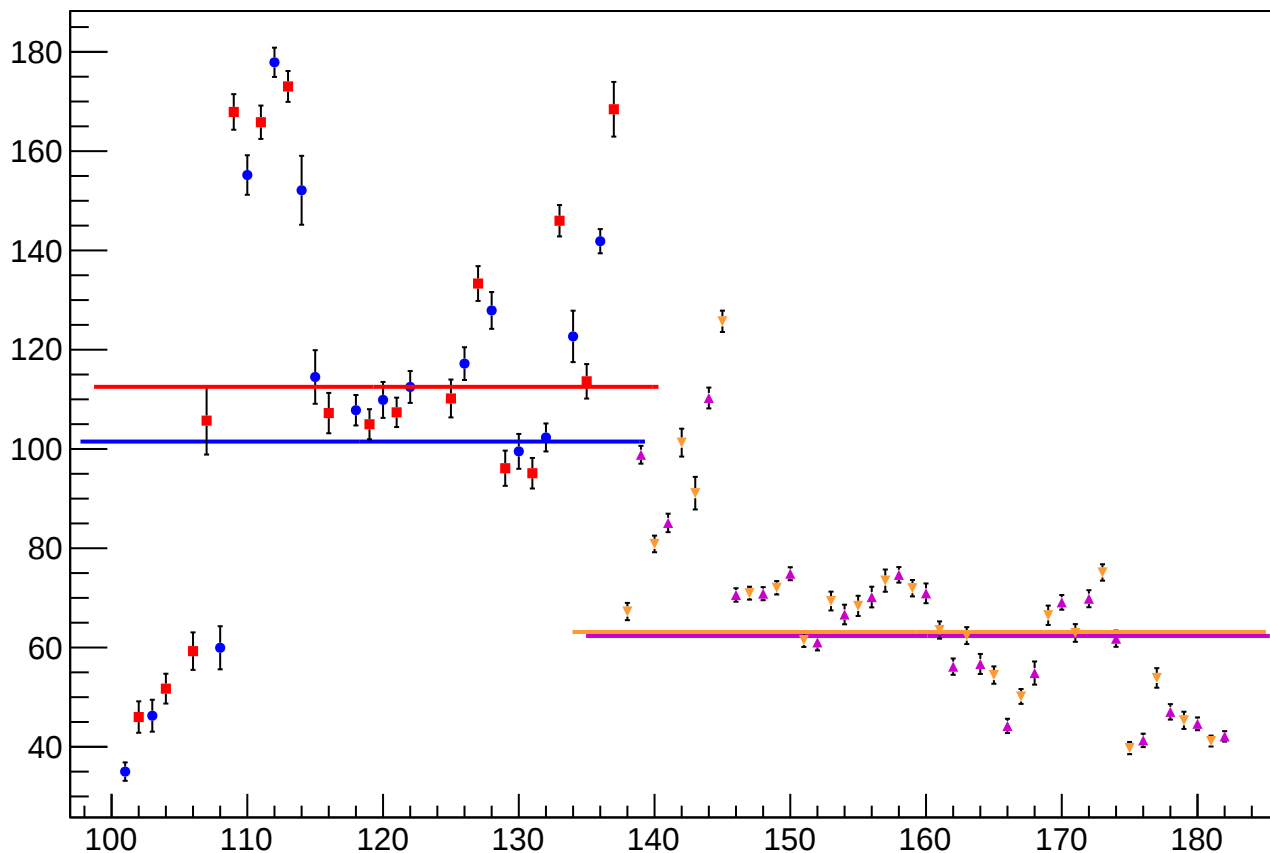
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 2.381 $\pm$ 0.220 χ^2 /NDF:1003.7/37

Out: 2.976 $\pm$ 0.225 χ^2 /NDF:1078.3/39

All: 2.673 $\pm$ 0.157 χ^2 /NDF: 2085.5/77

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2/NDF : 2973.0/15

Left Out: 63.133 $\pm$ 0.346 χ^2/NDF :2412.3/22

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 62.332 $\pm$ 0.334 χ^2/NDF :2483.1/21

Left: 62.718 $\pm$ 0.240 χ^2/NDF : 4898.2/44

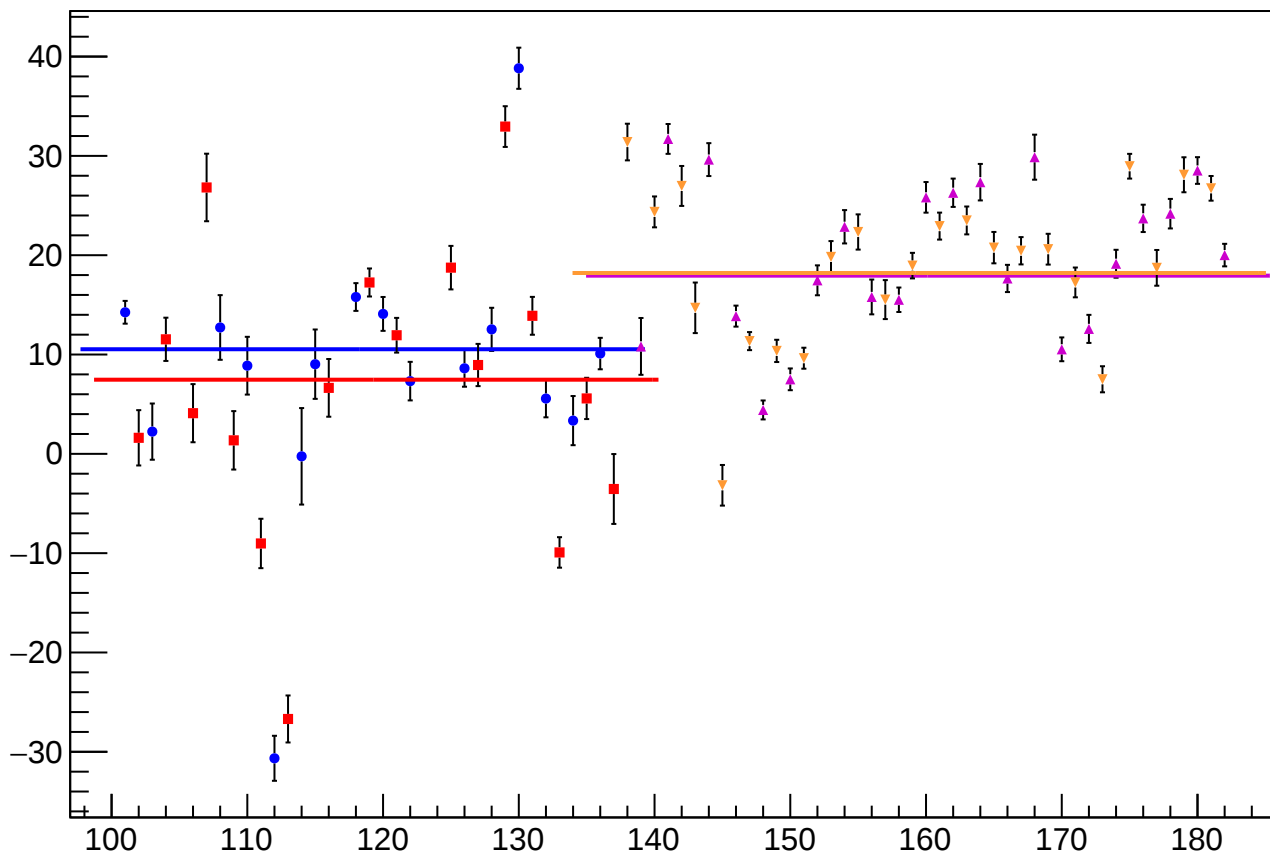
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 68.042 $\pm$ 0.309 χ^2/NDF :7461.6/37

Out: 70.267 $\pm$ 0.320 χ^2/NDF :7584.3/39

All: 69.113 $\pm$ 0.222 χ^2/NDF : 15070.9/77

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 18.210 $\pm$ 0.299 χ^2 /NDF: 631.4/22

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 17.941 $\pm$ 0.295 χ^2 /NDF: 729.1/21

Left: 18.073 $\pm$ 0.210 χ^2 /NDF: 1360.9/44

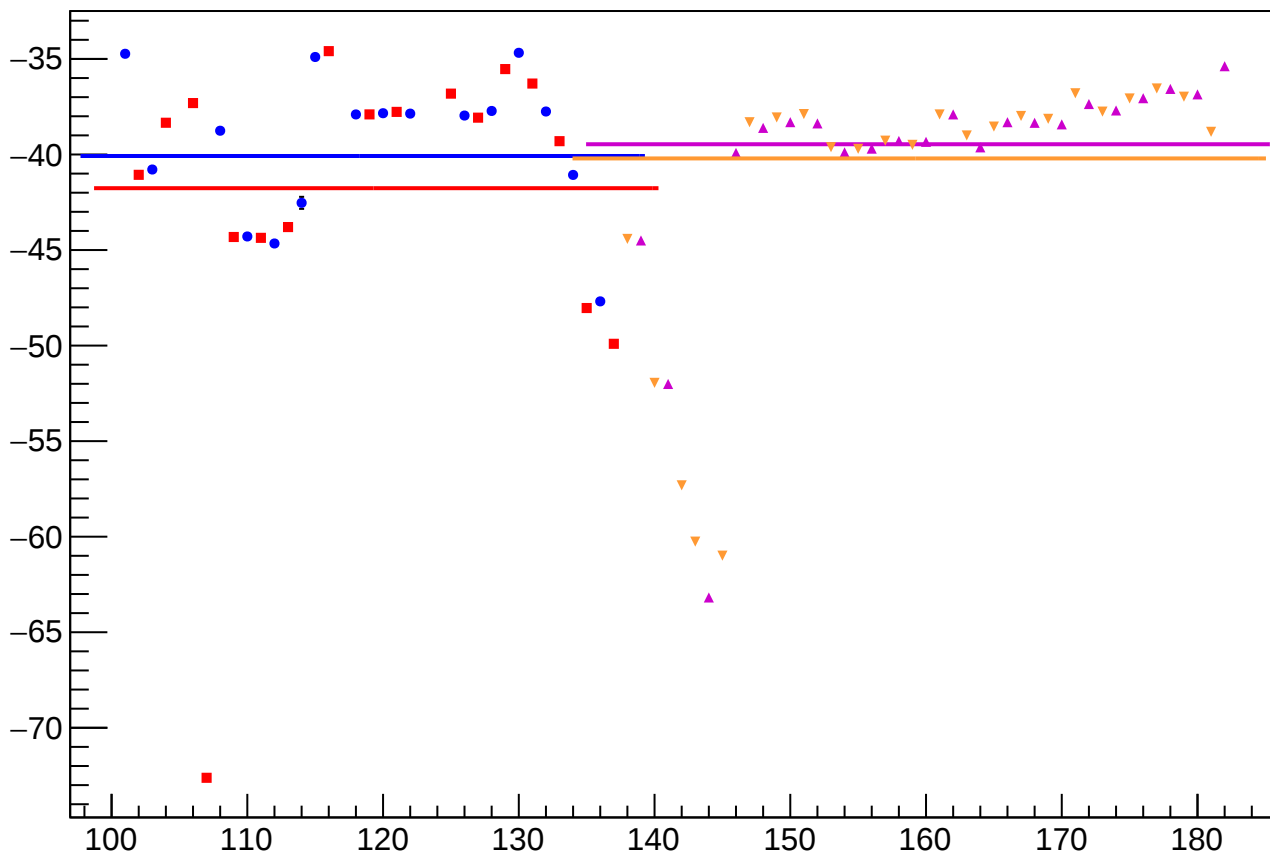
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 15.986 $\pm$ 0.253 χ^2 /NDF: 1475.8/37

Out: 15.577 $\pm$ 0.260 χ^2 /NDF: 1632.4/39

All: 15.787 $\pm$ 0.181 χ^2 /NDF: 3109.5/77

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -40.206 ± 0.014 $\chi^2/\text{NDF}: 154976.0/22$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -39.464 ± 0.014 $\chi^2/\text{NDF}: 116070.5/21$

Left: -39.821 ± 0.010 $\chi^2/\text{NDF}: 272454.2/44$

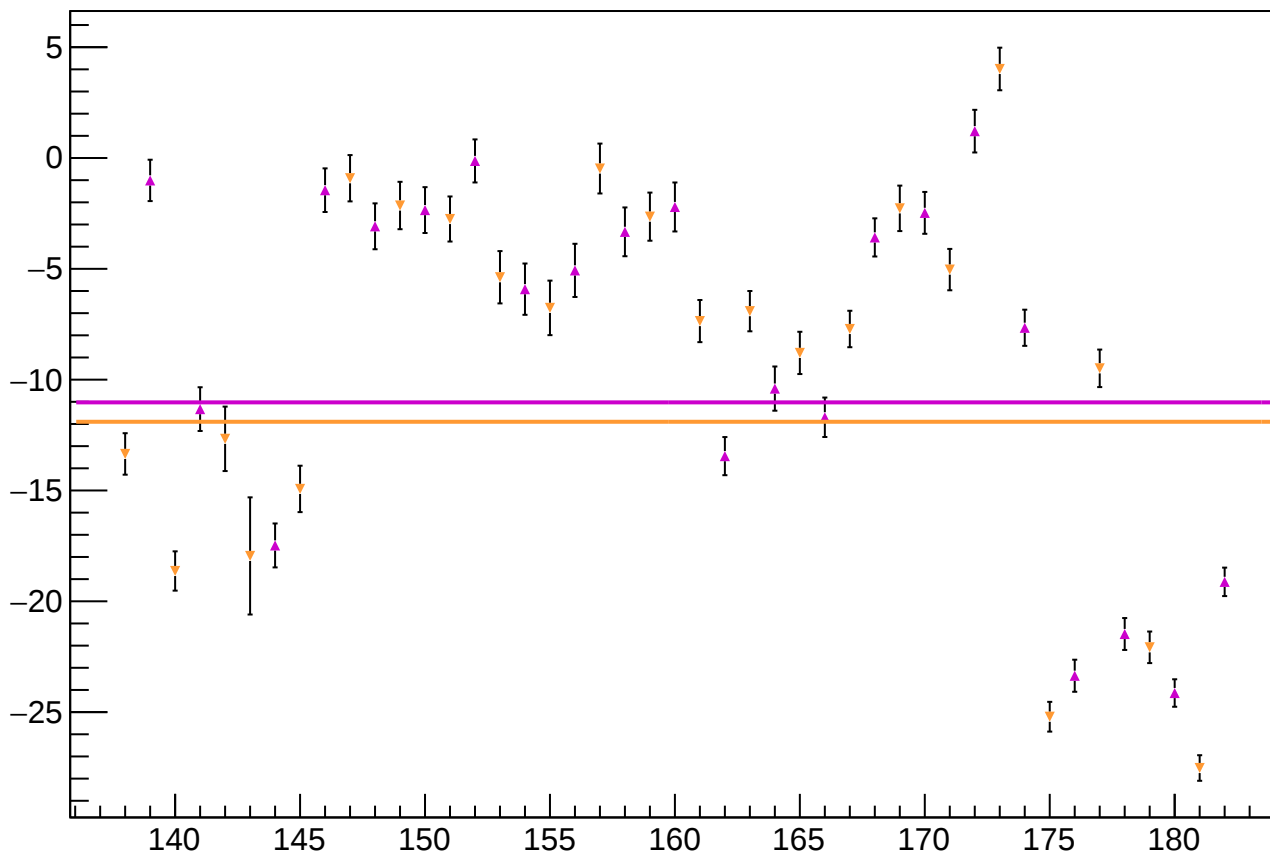
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -39.581 ± 0.012 $\chi^2/\text{NDF}: 141601.2/37$

Out: -40.512 ± 0.013 $\chi^2/\text{NDF}: 217566.6/39$

All: -40.030 ± 0.009 $\chi^2/\text{NDF}: 361910.7/77$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -11.900 $\pm$ 0.195 χ^2/NDF :2416.9/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -11.025 $\pm$ 0.190 χ^2/NDF :2116.4/21

Left: -11.451 $\pm$ 0.136 χ^2/NDF : 4543.7/44

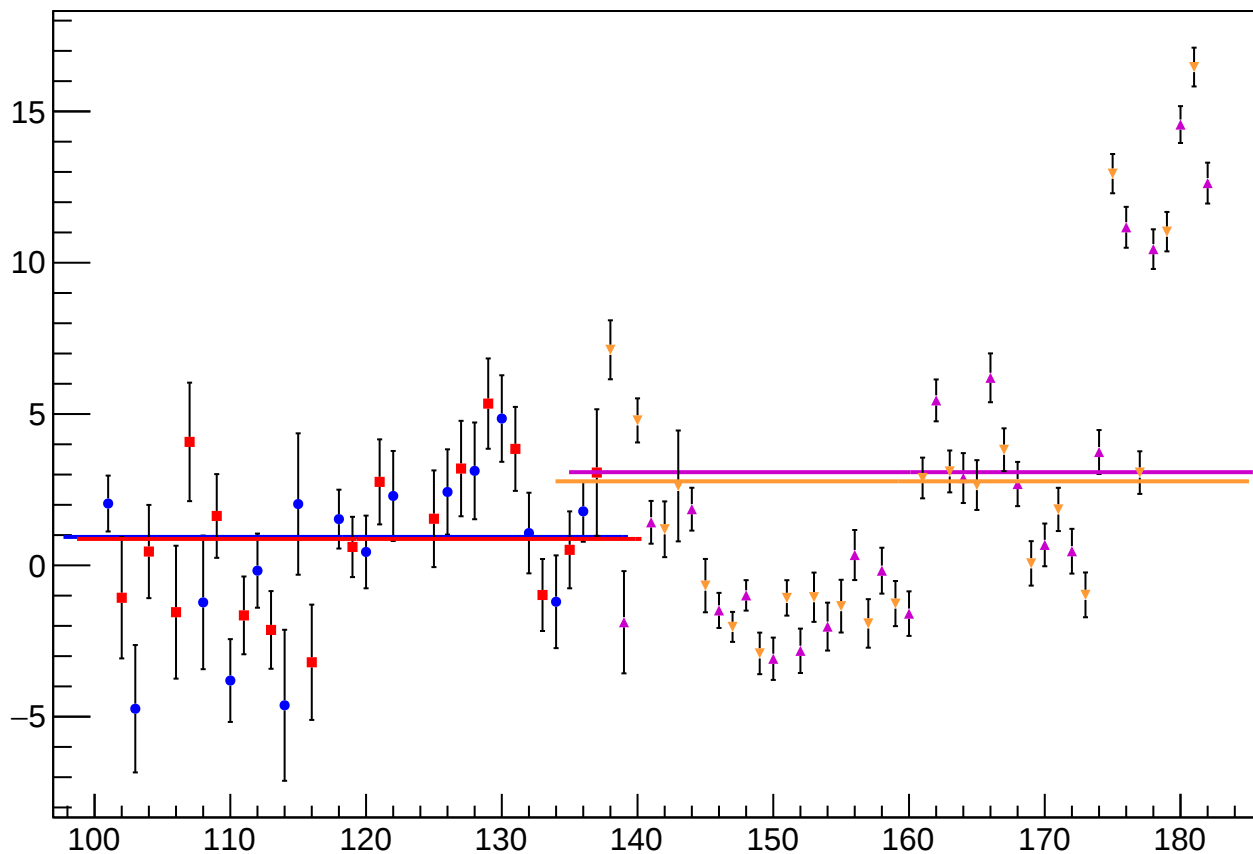
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.025 $\pm$ 0.190 χ^2/NDF :2116.4/21

Out: -11.900 $\pm$ 0.195 χ^2/NDF :2416.9/22

All: -11.451 $\pm$ 0.136 χ^2/NDF : 4543.7/44

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: 2.777 ± 0.151 χ^2/NDF : 1265.9/22

Right Out: 0.873 ± 0.354 χ^2/NDF : 40.6/16

Left In: 3.079 ± 0.151 χ^2/NDF : 1276.3/21

Left: 2.928 ± 0.107 χ^2/NDF : 2544.2/44

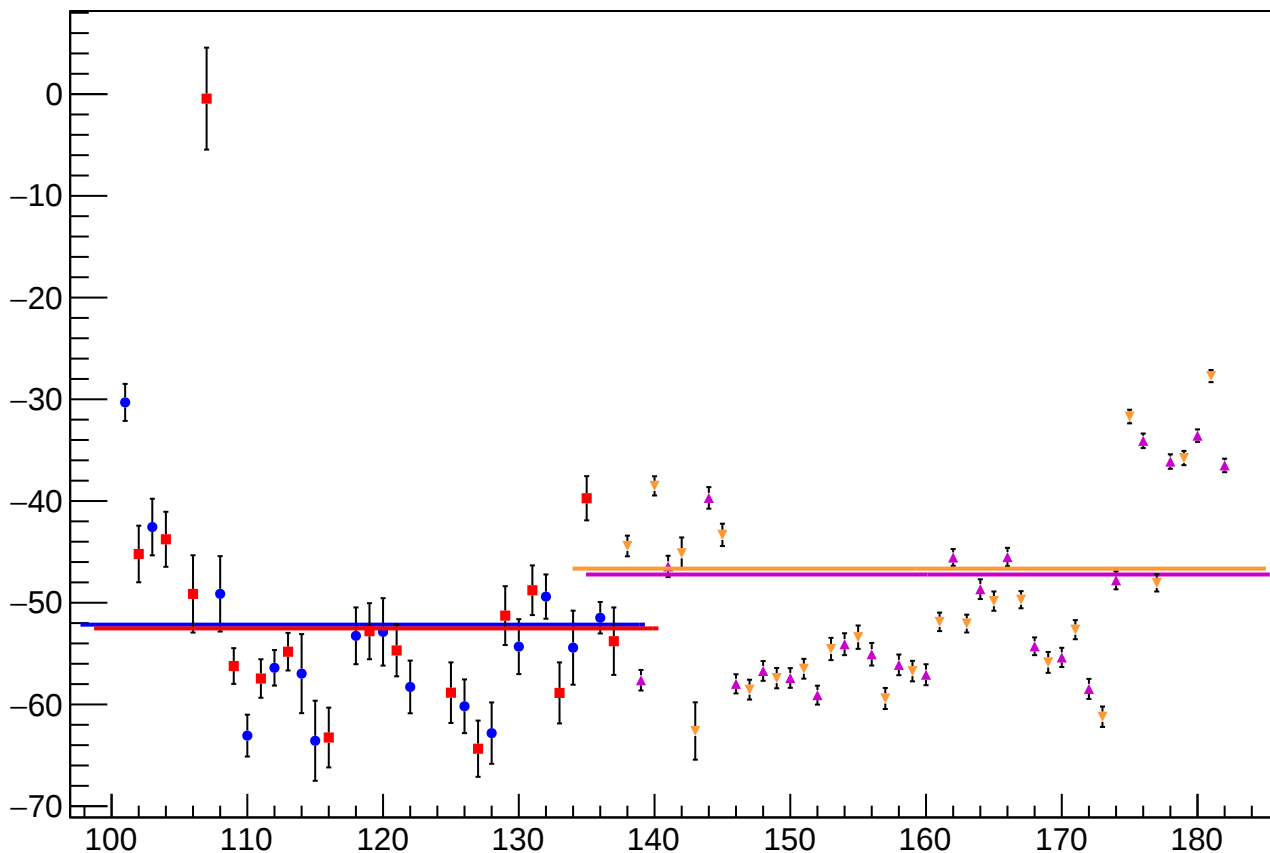
Right: 0.908 ± 0.245 χ^2/NDF : 82.8/32

In: 2.725 ± 0.138 χ^2/NDF : 1351.8/37

Out: 2.482 ± 0.139 χ^2/NDF : 1330.9/39

All: 2.605 ± 0.098 χ^2/NDF : 2684.3/77

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.644 ± 0.194 χ^2/NDF : 2990.5/22

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -47.224 ± 0.189 χ^2/NDF : 2522.9/21

Left: -46.942 ± 0.135 χ^2/NDF : 5518.0/44

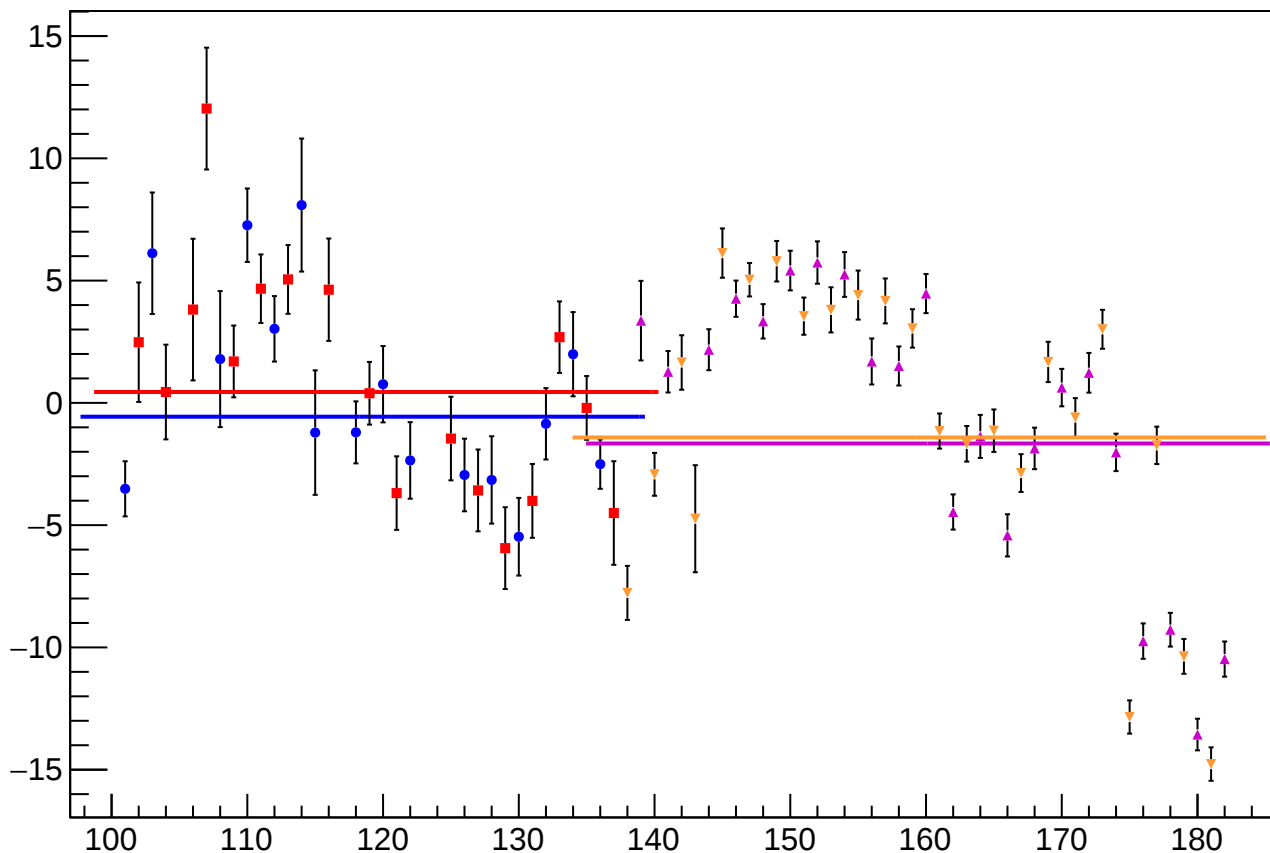
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -47.651 ± 0.180 χ^2/NDF : 2813.0/37

Out: -47.170 ± 0.185 χ^2/NDF : 3290.6/39

All: -47.416 ± 0.129 χ^2/NDF : 6107.1/77

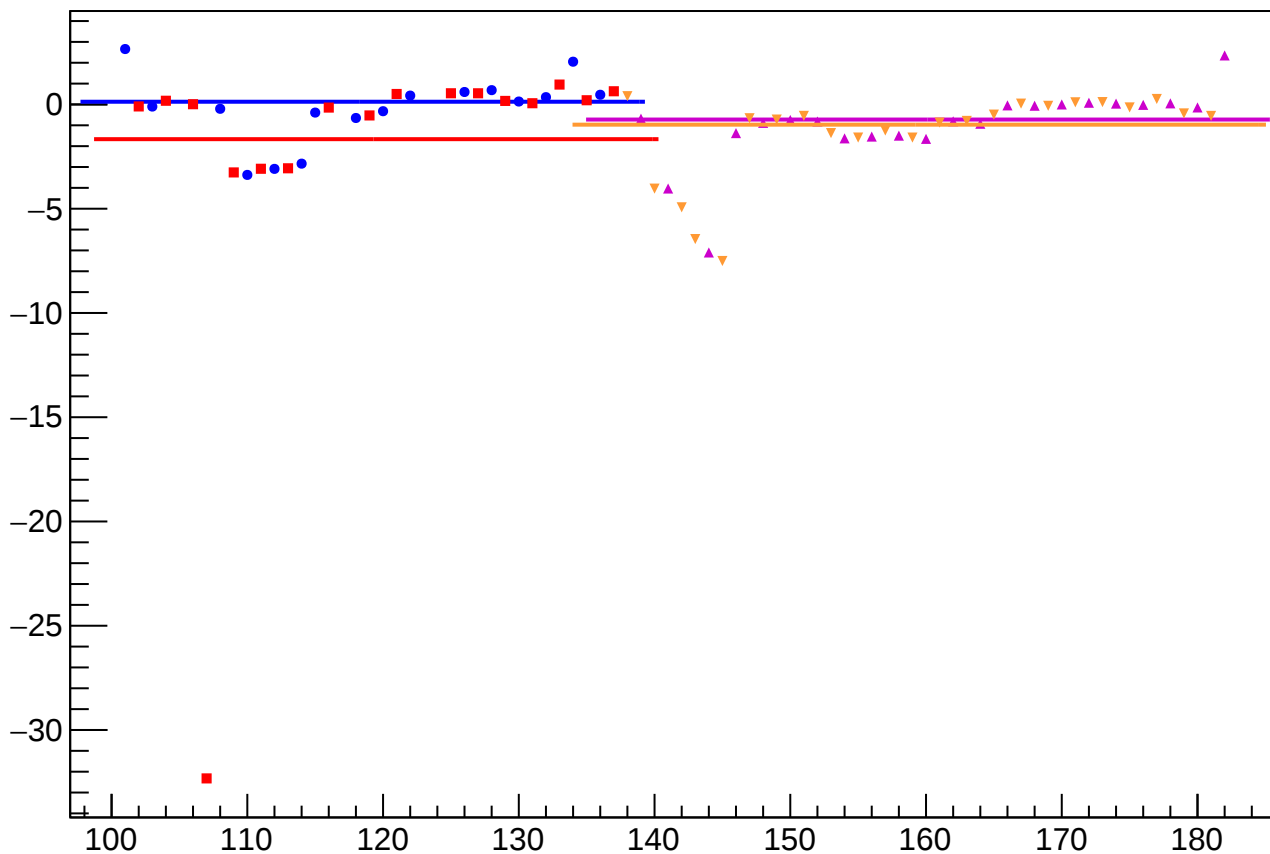
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 $\chi^2/\text{NDF}: 81.8/15$
 Left Out: -1.415 ± 0.172 $\chi^2/\text{NDF}: 1316.7/22$
 Right Out: 0.445 ± 0.400 $\chi^2/\text{NDF}: 94.1/16$
 Left In: -1.661 ± 0.170 $\chi^2/\text{NDF}: 1241.0/21$

Left: -1.539 ± 0.121 $\chi^2/\text{NDF}: 2558.8/44$
 Right: -0.080 ± 0.277 $\chi^2/\text{NDF}: 179.3/32$
 In: -1.481 ± 0.156 $\chi^2/\text{NDF}: 1329.7/37$
 Out: -1.126 ± 0.158 $\chi^2/\text{NDF}: 1429.1/39$
 All: -1.306 ± 0.111 $\chi^2/\text{NDF}: 2761.4/77$

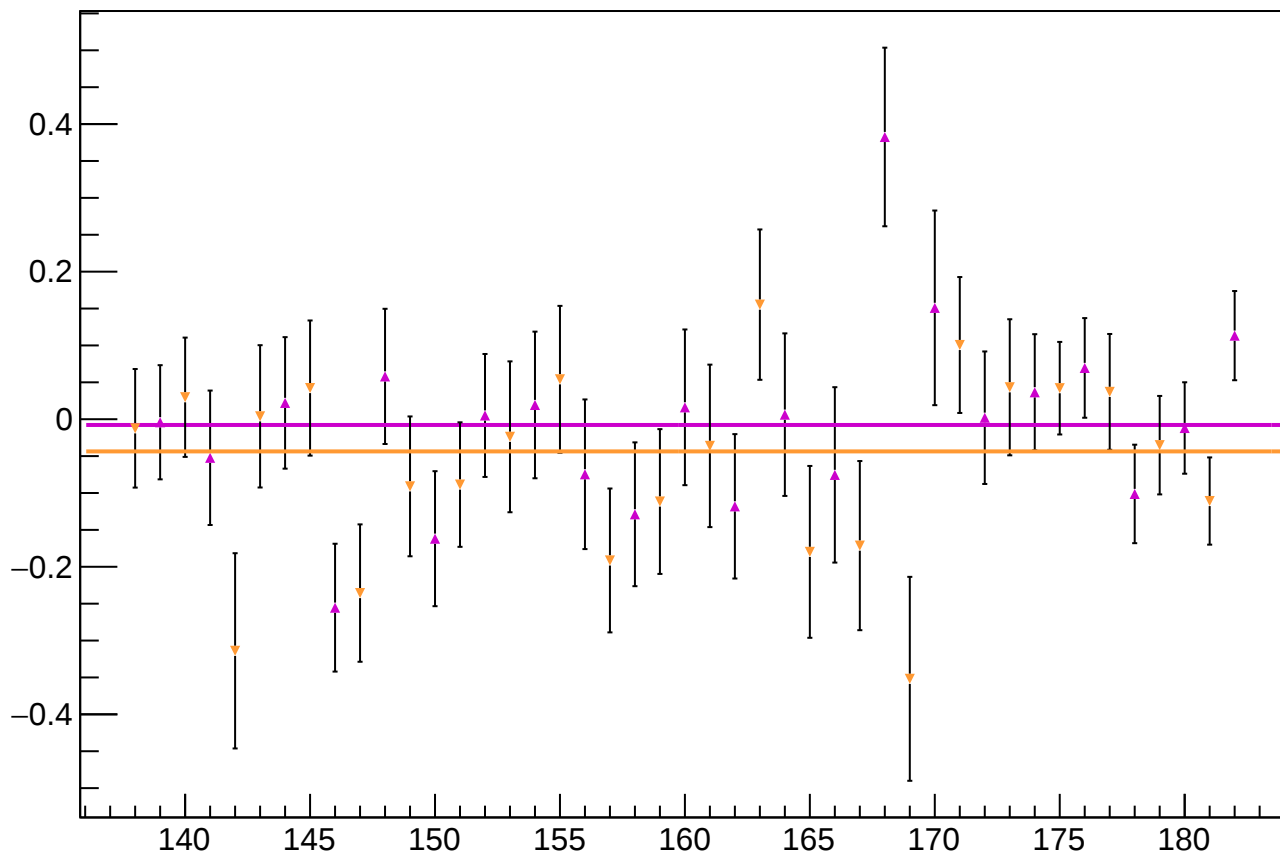
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.969 ± 0.008 $\chi^2/\text{NDF}: 43081.7/22$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -0.724 ± 0.008 $\chi^2/\text{NDF}: 40016.7/21$

Left: -0.844 ± 0.006 $\chi^2/\text{NDF}: 83592.7/44$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.626 ± 0.007 $\chi^2/\text{NDF}: 46645.8/37$
 Out: -1.050 ± 0.007 $\chi^2/\text{NDF}: 121576.6/39$
 All: -0.833 ± 0.005 $\chi^2/\text{NDF}: 169880.0/77$

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: -0.044 $\pm$ 0.019 χ^2 /NDF:33.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Left: -0.026 $\pm$ 0.013 χ^2 /NDF: 70.8/44

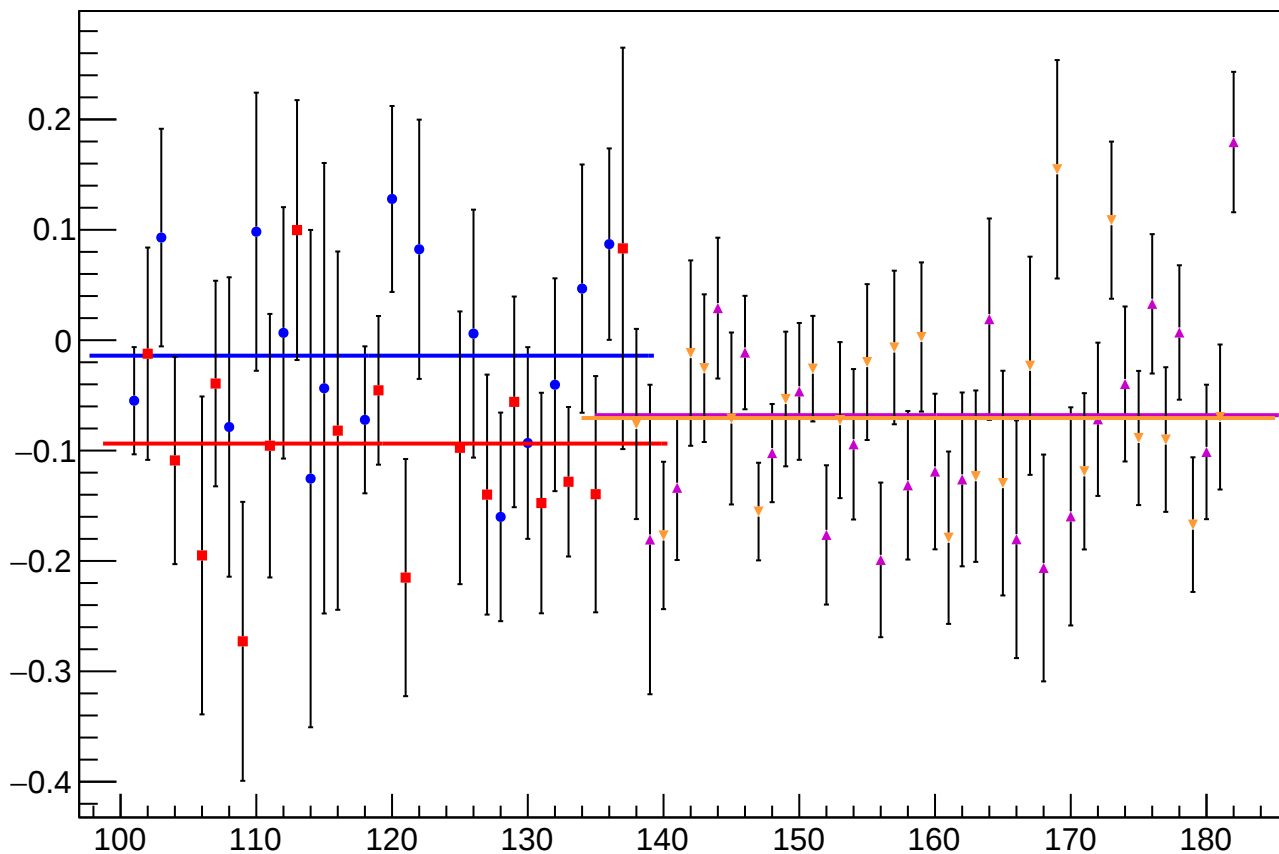
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Out: -0.044 $\pm$ 0.019 χ^2 /NDF:33.8/22

All: -0.026 $\pm$ 0.013 χ^2 /NDF: 70.8/44

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.014 χ^2/NDF : 28.3/22

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.068 ± 0.014 χ^2/NDF : 38.8/21

Left: -0.069 ± 0.010 χ^2/NDF : 67.1/44

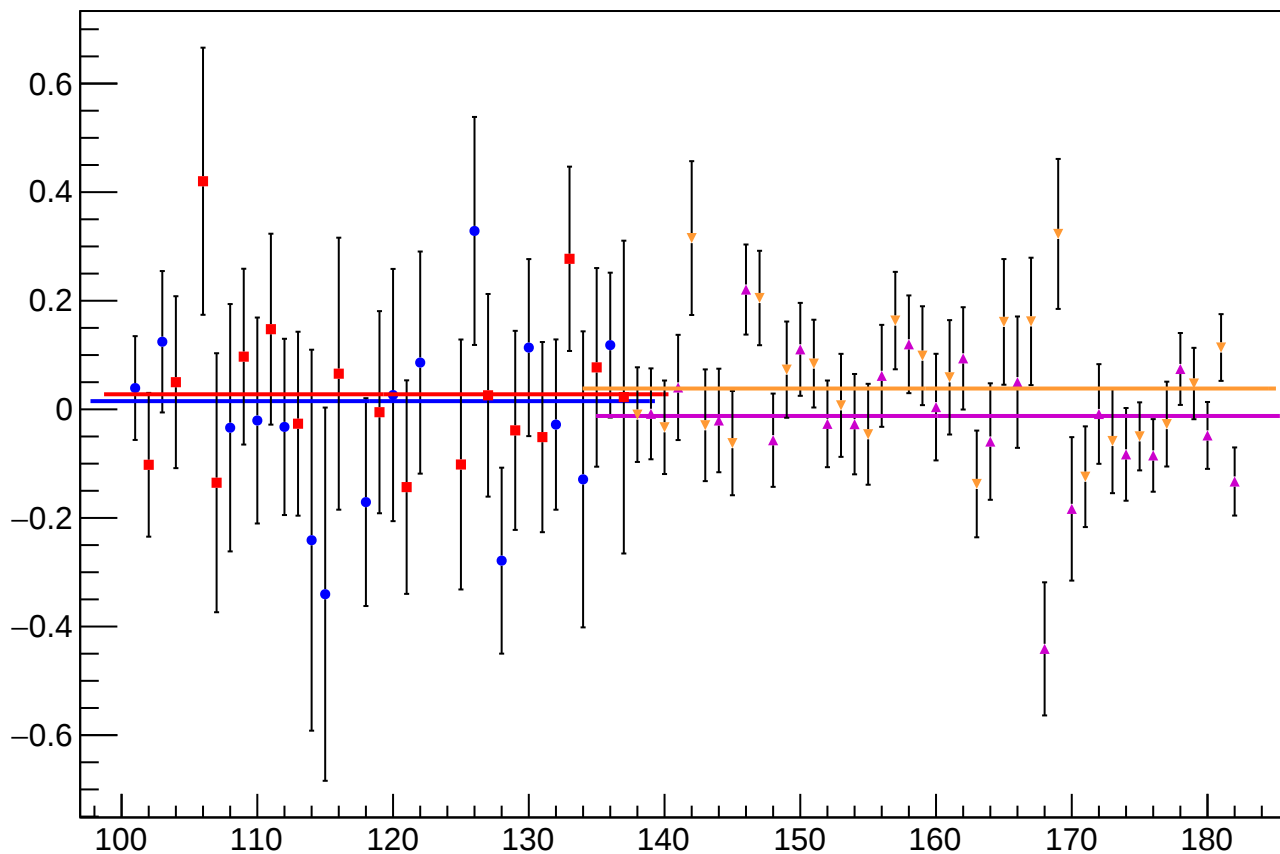
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.053 ± 0.012 χ^2/NDF : 55.1/37

Out: -0.076 ± 0.012 χ^2/NDF : 39.0/39

All: -0.065 ± 0.009 χ^2/NDF : 96.0/77

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2 /NDF: 10.1/15

Left Out: 0.038+/-0.018 χ^2 /NDF:31.8/22

Right Out: 0.028+/-0.045 χ^2 /NDF: 8.4/16

Left In: -0.012+/-0.018 χ^2 /NDF:36.6/21

Left: 0.013+/-0.013 χ^2 /NDF: 72.2/44

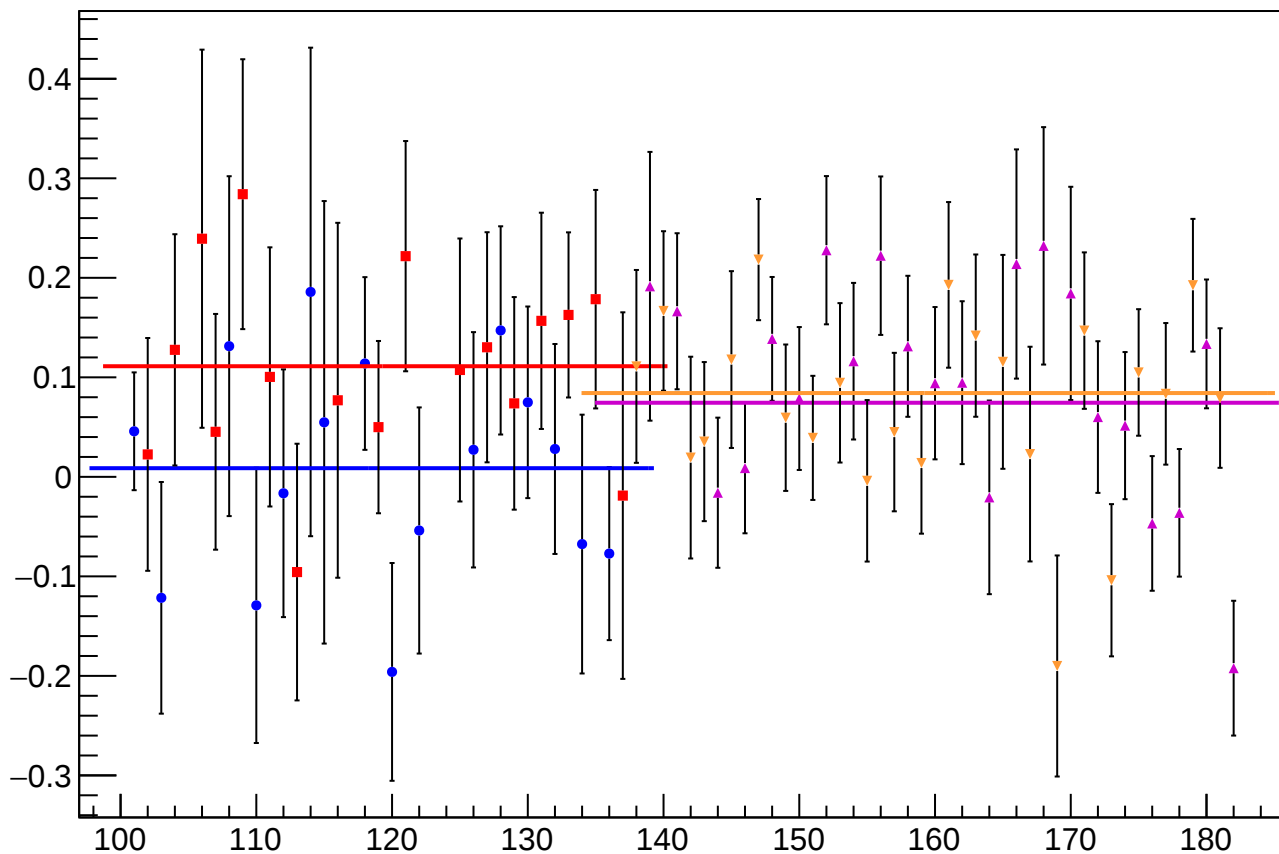
Right: 0.021+/-0.031 χ^2 /NDF: 18.6/32

In: -0.008+/-0.017 χ^2 /NDF:47.1/37

Out: 0.037+/-0.017 χ^2 /NDF:40.3/39

All: 0.014+/-0.012 χ^2 /NDF: 90.9/77

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 χ^2/NDF : 12.6/15

Left Out: 0.084 ± 0.016 χ^2/NDF : 28.1/22

Right Out: 0.111 ± 0.029 χ^2/NDF : 8.6/16

Left In: 0.074 ± 0.016 χ^2/NDF : 42.2/21

Left: 0.079 ± 0.012 χ^2/NDF : 70.5/44

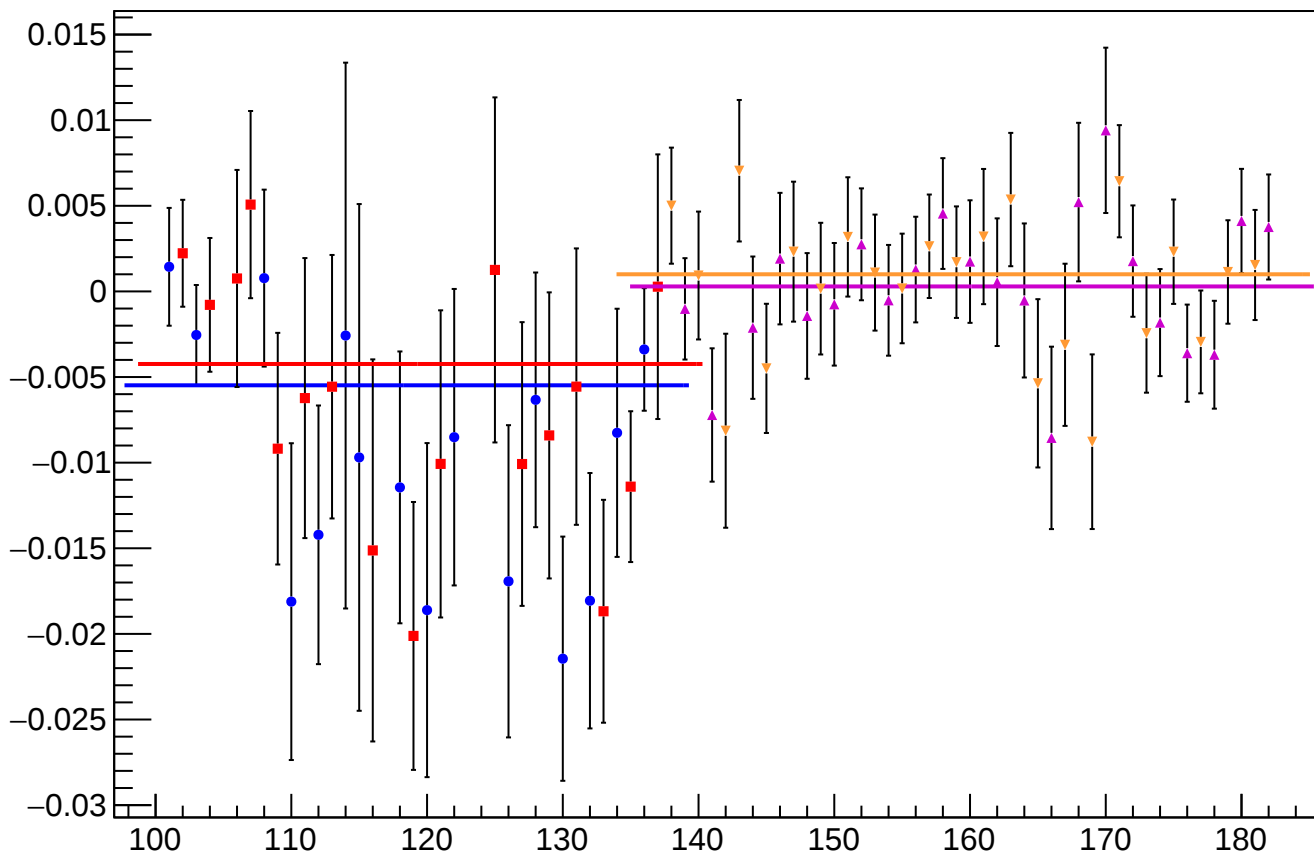
Right: 0.057 ± 0.020 χ^2/NDF : 28.0/32

In: 0.057 ± 0.014 χ^2/NDF : 59.2/37

Out: 0.091 ± 0.014 χ^2/NDF : 37.4/39

All: 0.074 ± 0.010 χ^2/NDF : 99.5/77

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 22.6/22

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 21.9/21

Left: 0.001 ± 0.001 χ^2/NDF : 44.9/44

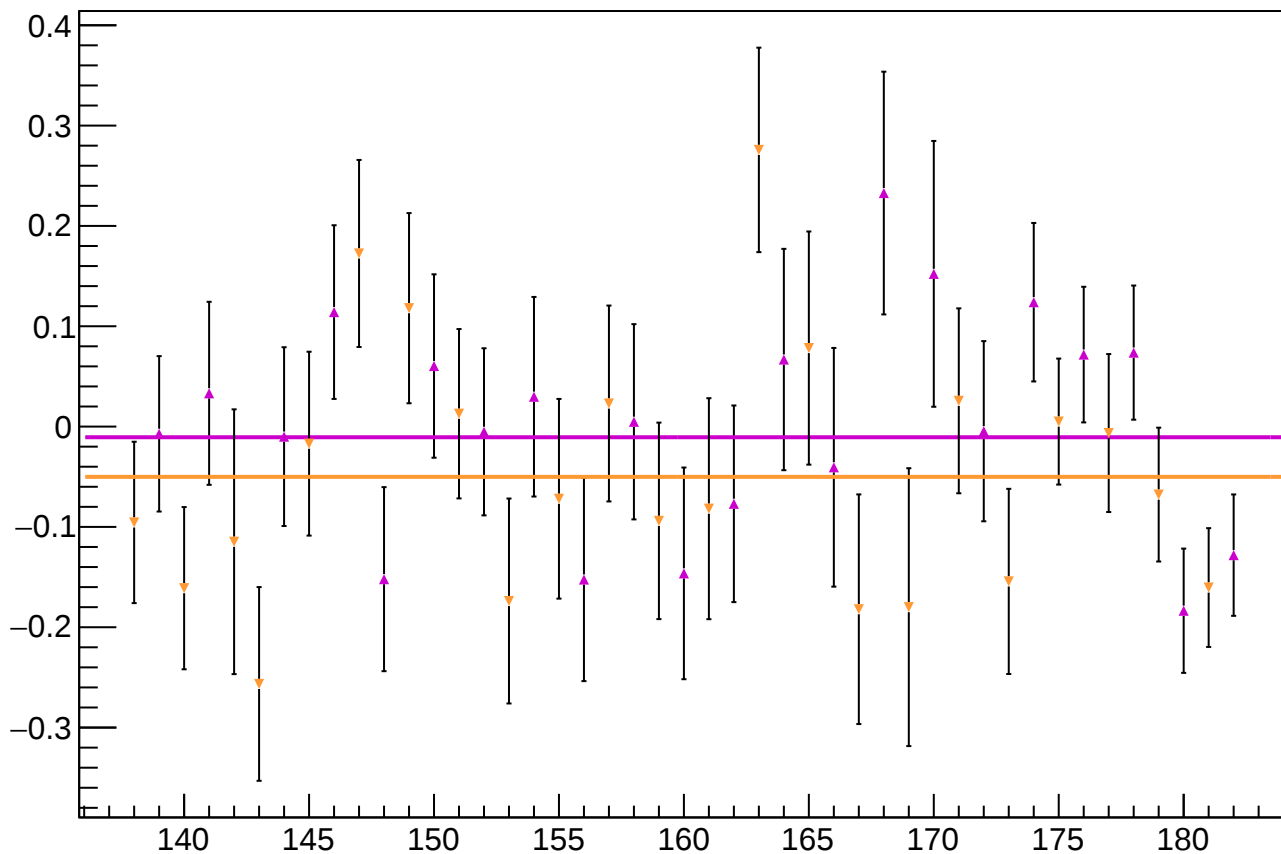
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 56.8/37

Out: -0.000 ± 0.001 χ^2/NDF : 56.4/39

All: -0.001 ± 0.000 χ^2/NDF : 114.0/77

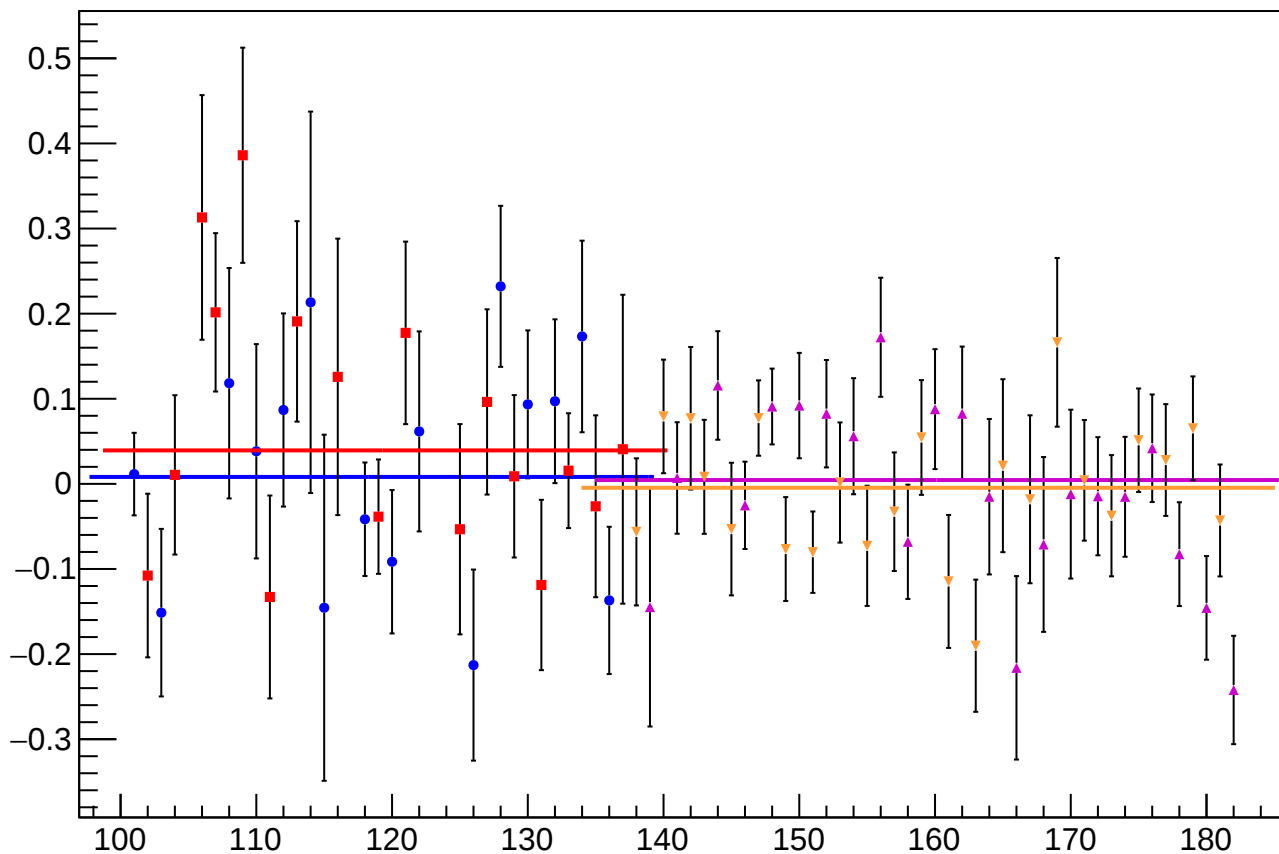
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21

Left: -0.030 $\pm$ 0.013 χ^2 /NDF: 74.7/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21
 Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22
 All: -0.030 $\pm$ 0.013 χ^2 /NDF: 74.7/44

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: -0.005 ± 0.014 $\chi^2/\text{NDF}: 26.2/22$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.004 ± 0.014 $\chi^2/\text{NDF}: 50.1/21$

Left: -0.000 ± 0.010 $\chi^2/\text{NDF}: 76.5/44$

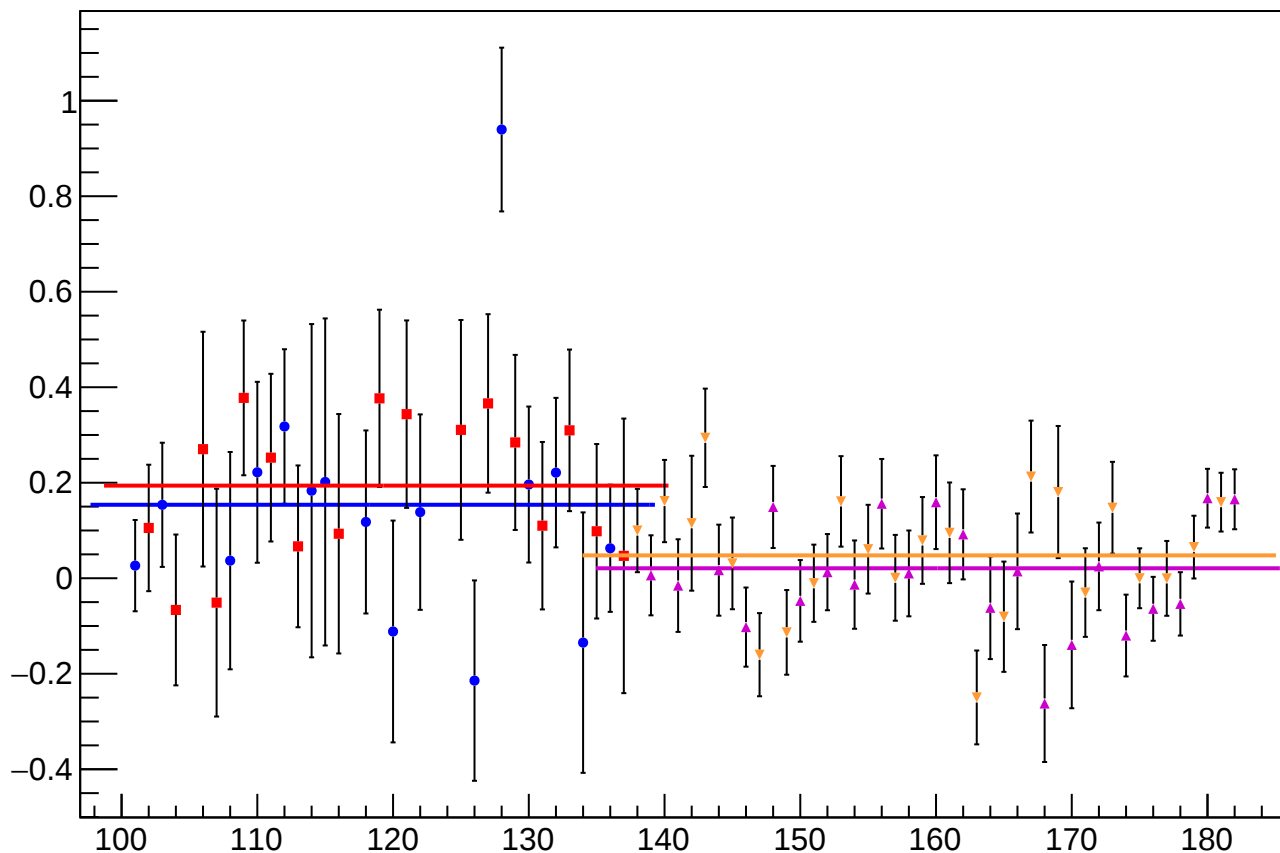
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.006 ± 0.012 $\chi^2/\text{NDF}: 73.8/37$

Out: 0.006 ± 0.012 $\chi^2/\text{NDF}: 56.2/39$

All: 0.006 ± 0.009 $\chi^2/\text{NDF}: 130.0/77$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.048 $\pm$ 0.018 χ^2 /NDF:39.0/22

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/21

Left: 0.034 $\pm$ 0.013 χ^2 /NDF: 74.1/44

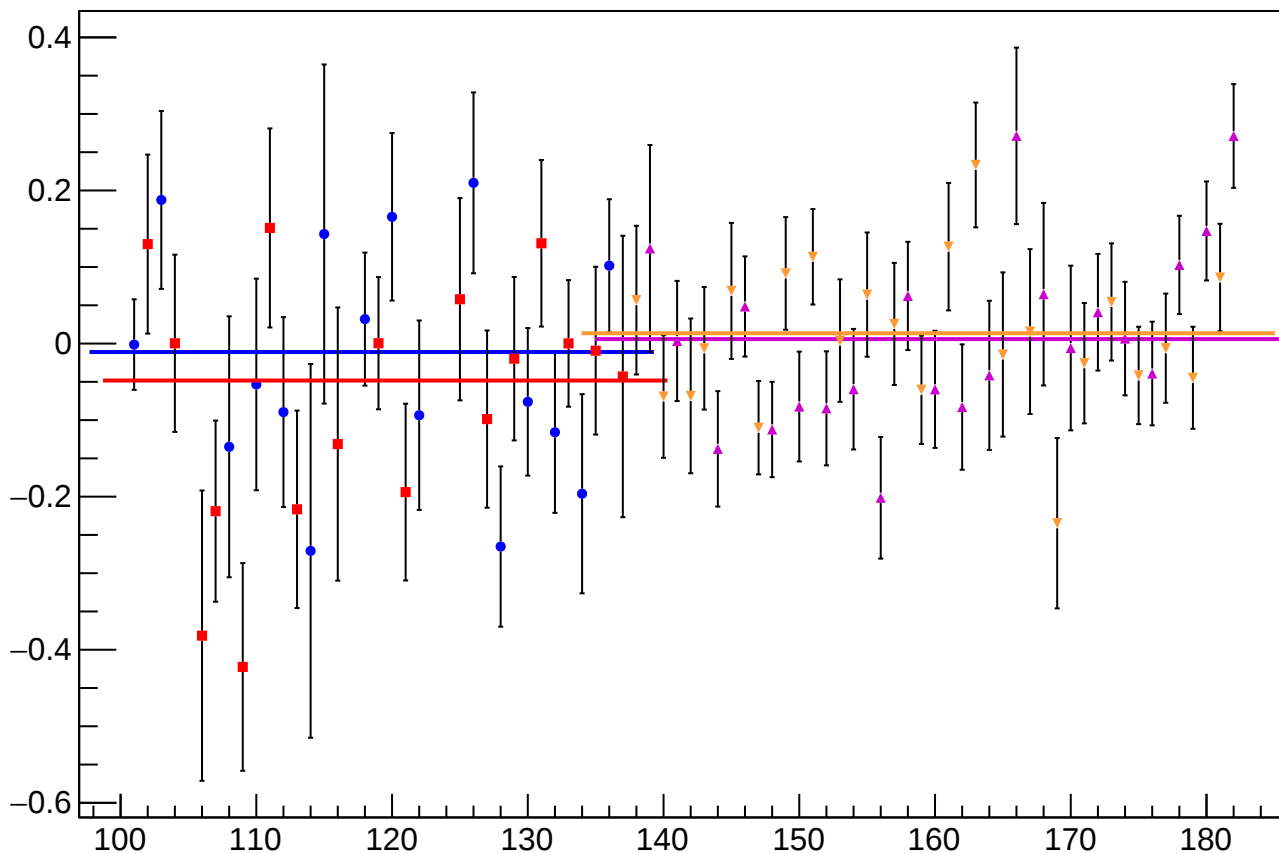
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.041 $\pm$ 0.017 χ^2 /NDF:72.7/37

Out: 0.069 $\pm$ 0.017 χ^2 /NDF:58.6/39

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 132.6/77

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.013 ± 0.016 χ^2/NDF : 29.0/22

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.006 ± 0.016 χ^2/NDF : 50.2/21

Left: 0.010 ± 0.012 χ^2/NDF : 79.4/44

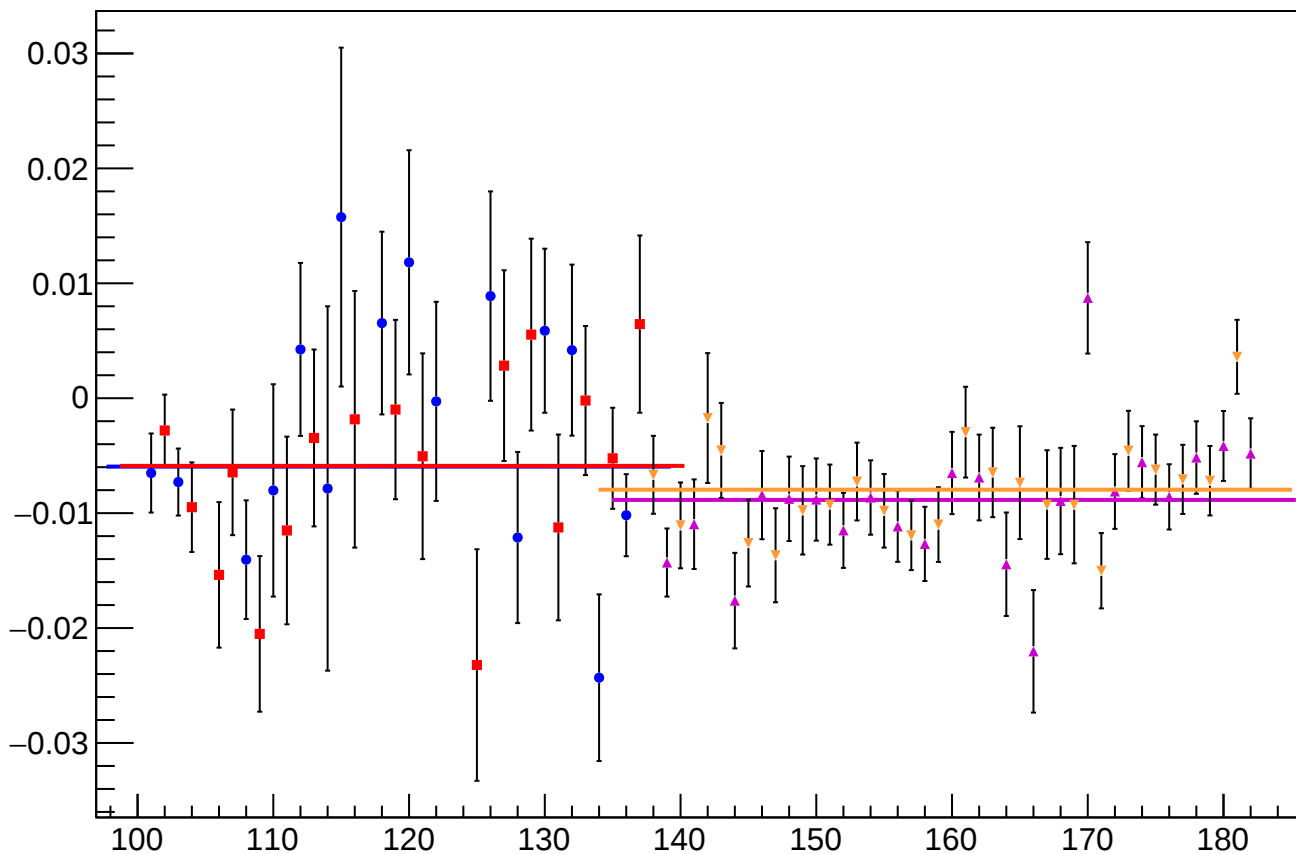
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: 0.001 ± 0.014 χ^2/NDF : 74.0/37

Out: -0.002 ± 0.014 χ^2/NDF : 58.1/39

All: -0.000 ± 0.010 χ^2/NDF : 132.1/77

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.4/22

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.009 ± 0.001 χ^2/NDF : 38.9/21

Left: -0.008 ± 0.001 χ^2/NDF : 70.0/44

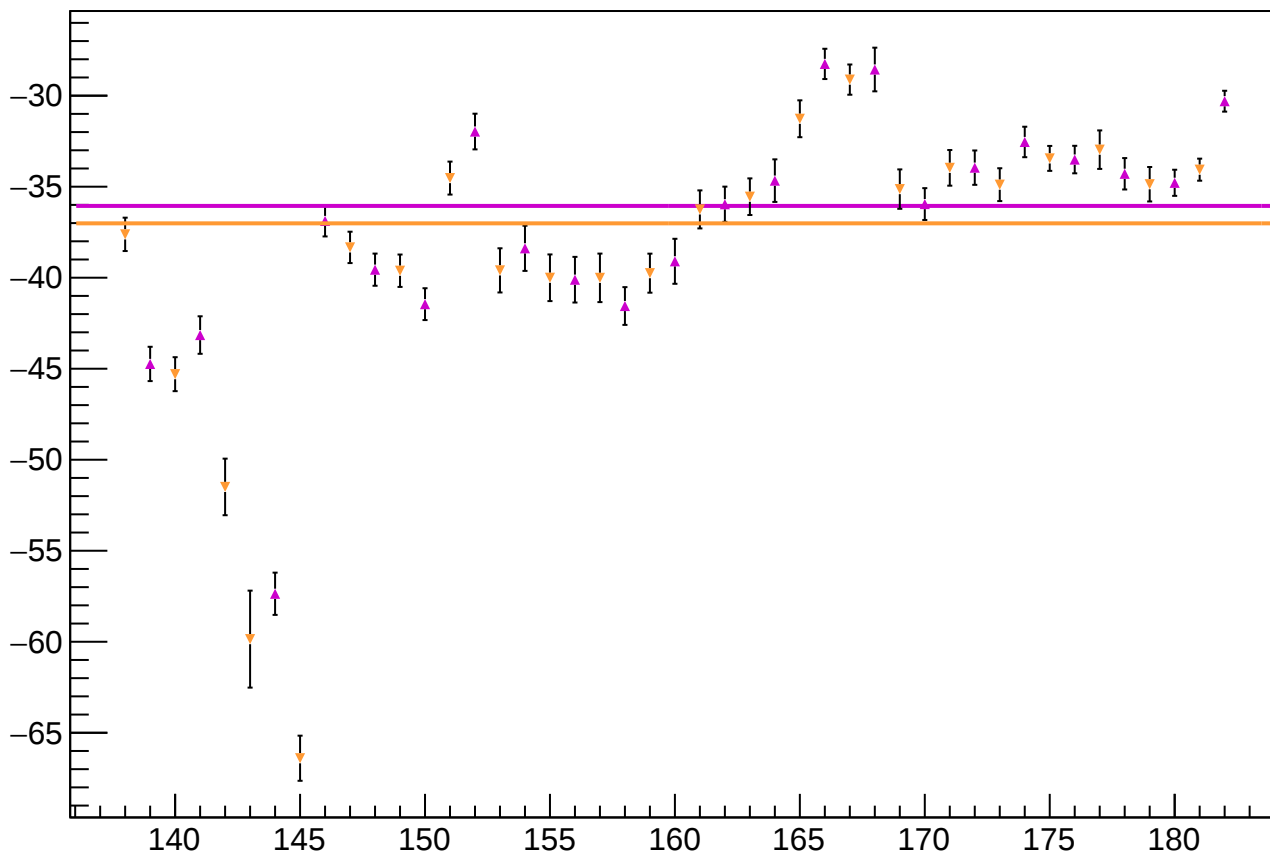
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 70.9/37

Out: -0.008 ± 0.001 χ^2/NDF : 51.6/39

All: -0.008 ± 0.000 χ^2/NDF : 123.0/77

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.014+/-0.202 χ^2/NDF :1055.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.056+/-0.194 χ^2/NDF :860.1/21

Left: -36.514+/-0.140 χ^2/NDF : 1927.7/44

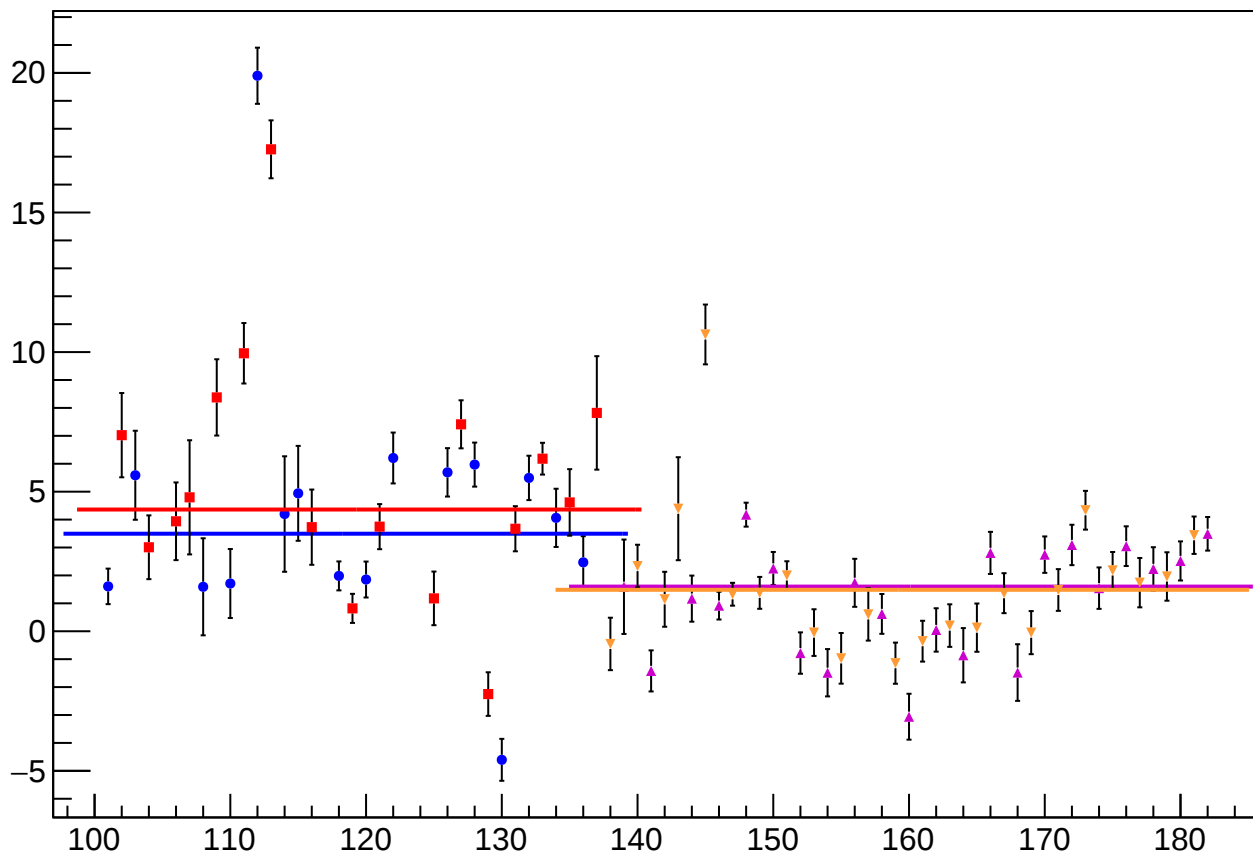
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.056+/-0.194 χ^2/NDF :860.1/21

Out: -37.014+/-0.202 χ^2/NDF :1055.9/22

All: -36.514+/-0.140 χ^2/NDF : 1927.7/44

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.484 $\pm$ 0.152 χ^2 /NDF:149.0/22

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.600 $\pm$ 0.151 χ^2 /NDF:159.8/21

Left: 1.543 $\pm$ 0.107 χ^2 /NDF: 309.1/44

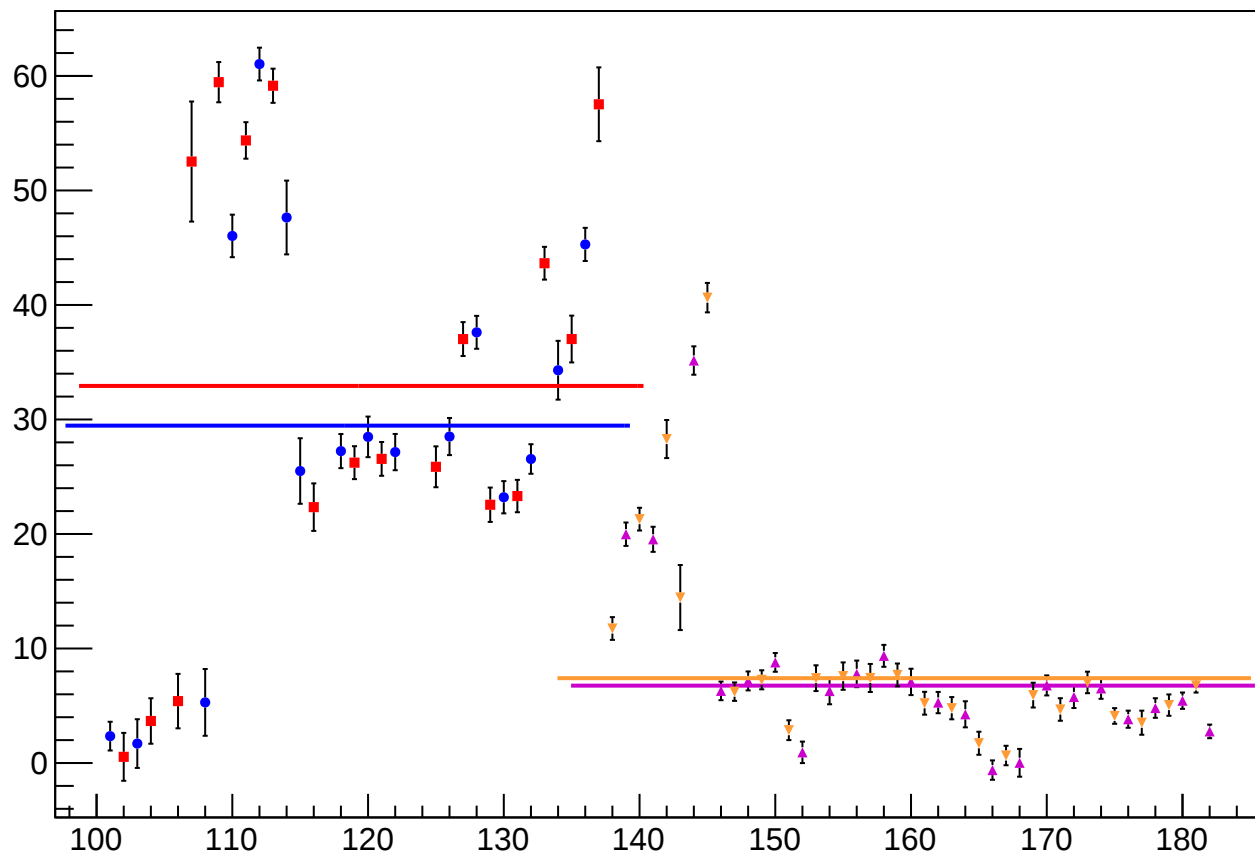
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.214 $\pm$ 0.124 χ^2 /NDF:655.9/37

Out: 2.385 $\pm$ 0.126 χ^2 /NDF:611.8/39

All: 2.298 $\pm$ 0.088 χ^2 /NDF: 1268.6/77

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 7.409+/-0.201 χ^2/NDF :1236.7/22

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 6.757+/-0.193 χ^2/NDF :1065.2/21

Left: 7.070+/-0.139 χ^2/NDF : 2307.4/44

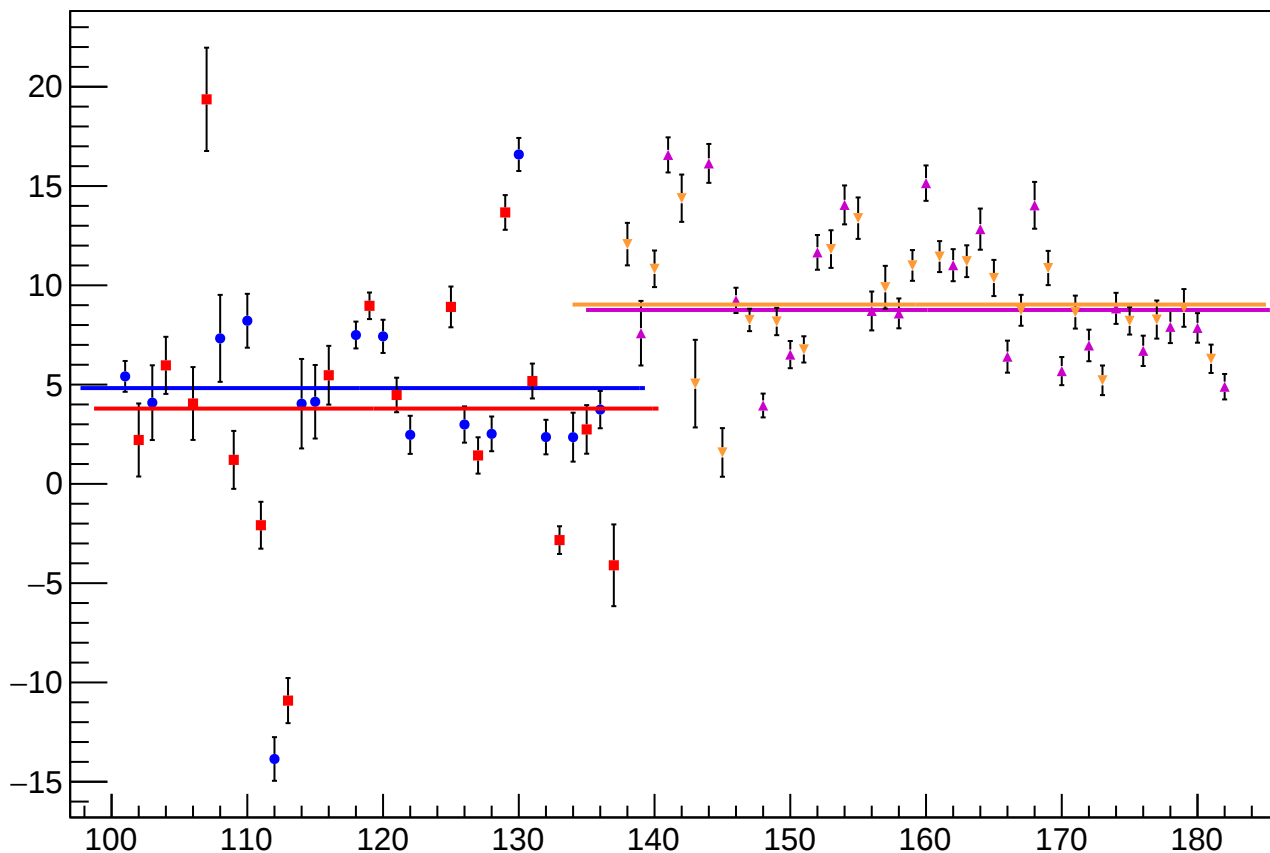
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 10.748+/-0.175 χ^2/NDF :4994.5/37

Out: 12.097+/-0.182 χ^2/NDF :5825.6/39

All: 11.398+/-0.126 χ^2/NDF : 10848.7/77

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.031 $\pm$ 0.175 χ^2 /NDF:187.5/22

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 8.758 $\pm$ 0.172 χ^2 /NDF:424.3/21

Left: 8.892 $\pm$ 0.123 χ^2 /NDF: 613.1/44

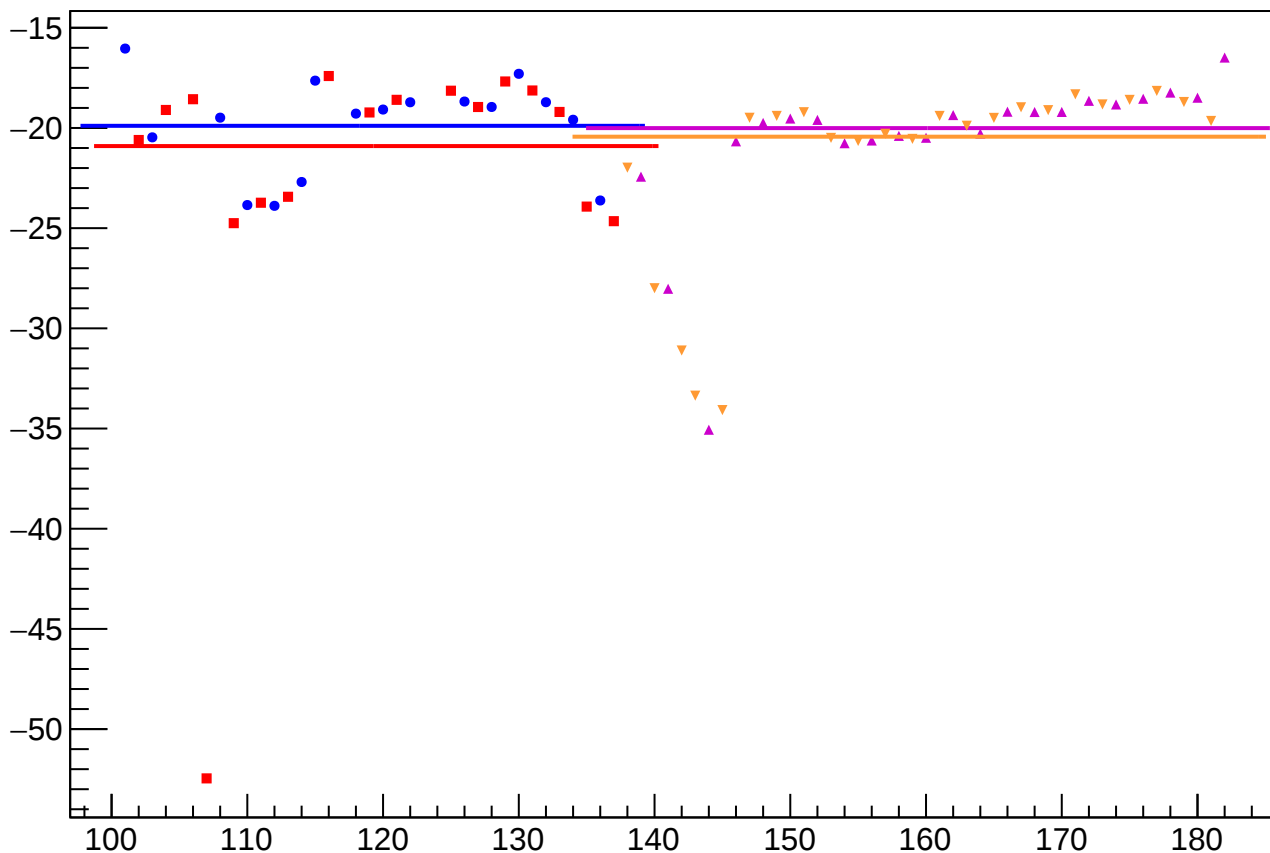
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.508 $\pm$ 0.142 χ^2 /NDF:1143.9/37

Out: 7.388 $\pm$ 0.145 χ^2 /NDF:1032.0/39

All: 7.449 $\pm$ 0.101 χ^2 /NDF: 2176.3/77

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: -20.435 ± 0.008 χ^2/NDF : 163245.4/22

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -20.007 ± 0.008 χ^2/NDF : 140247.5/21

Left: -20.212 ± 0.006 χ^2/NDF : 304892.7/44

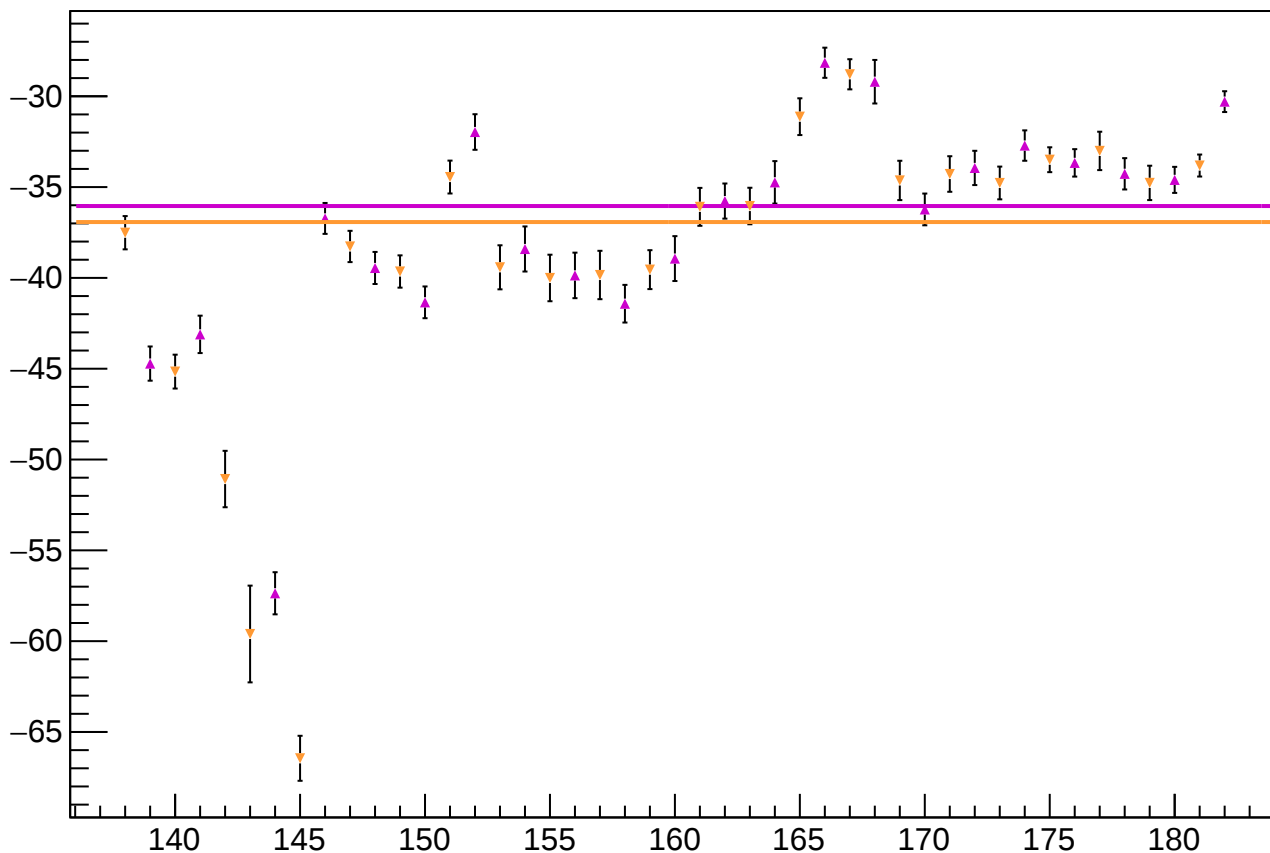
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -19.983 ± 0.007 χ^2/NDF : 166382.8/37

Out: -20.536 ± 0.007 χ^2/NDF : 256743.8/39

All: -20.250 ± 0.005 χ^2/NDF : 426082.3/77

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



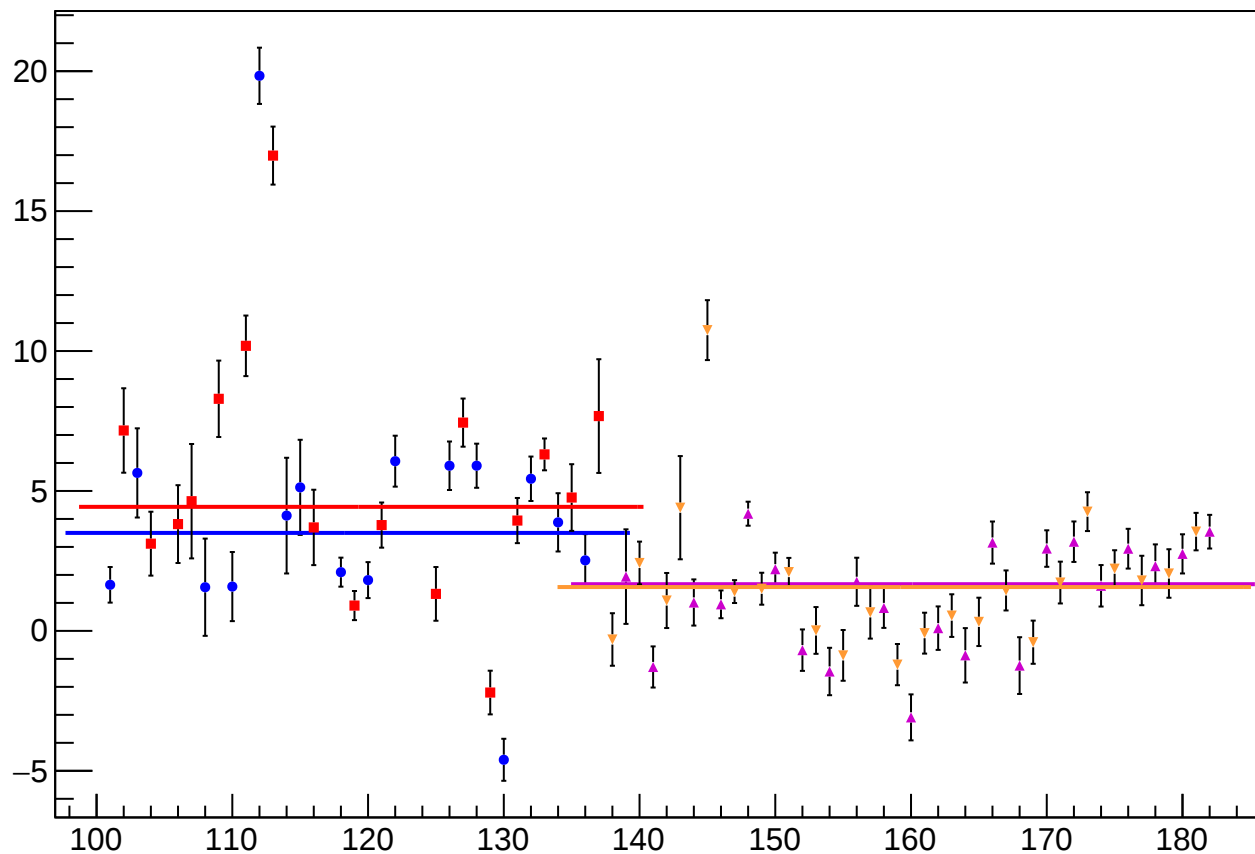
Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -36.925 +/- 0.202 χ^2/NDF : 1060.4/22
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -36.043 +/- 0.194 χ^2/NDF : 848.6/21

Left: -36.466 +/- 0.140 χ^2/NDF : 1918.9/44
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -36.043 +/- 0.194 χ^2/NDF : 848.6/21
 Out: -36.925 +/- 0.202 χ^2/NDF : 1060.4/22

All: -36.466 +/- 0.140 χ^2/NDF : 1918.9/44

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2/NDF : 441.9/15

Left Out: 1.566 $\pm$ 0.152 χ^2/NDF : 149.2/22

Right Out: 4.432 $\pm$ 0.225 χ^2/NDF : 343.6/16

Left In: 1.669 $\pm$ 0.151 χ^2/NDF : 160.2/21

Left: 1.618 $\pm$ 0.107 χ^2/NDF : 309.7/44

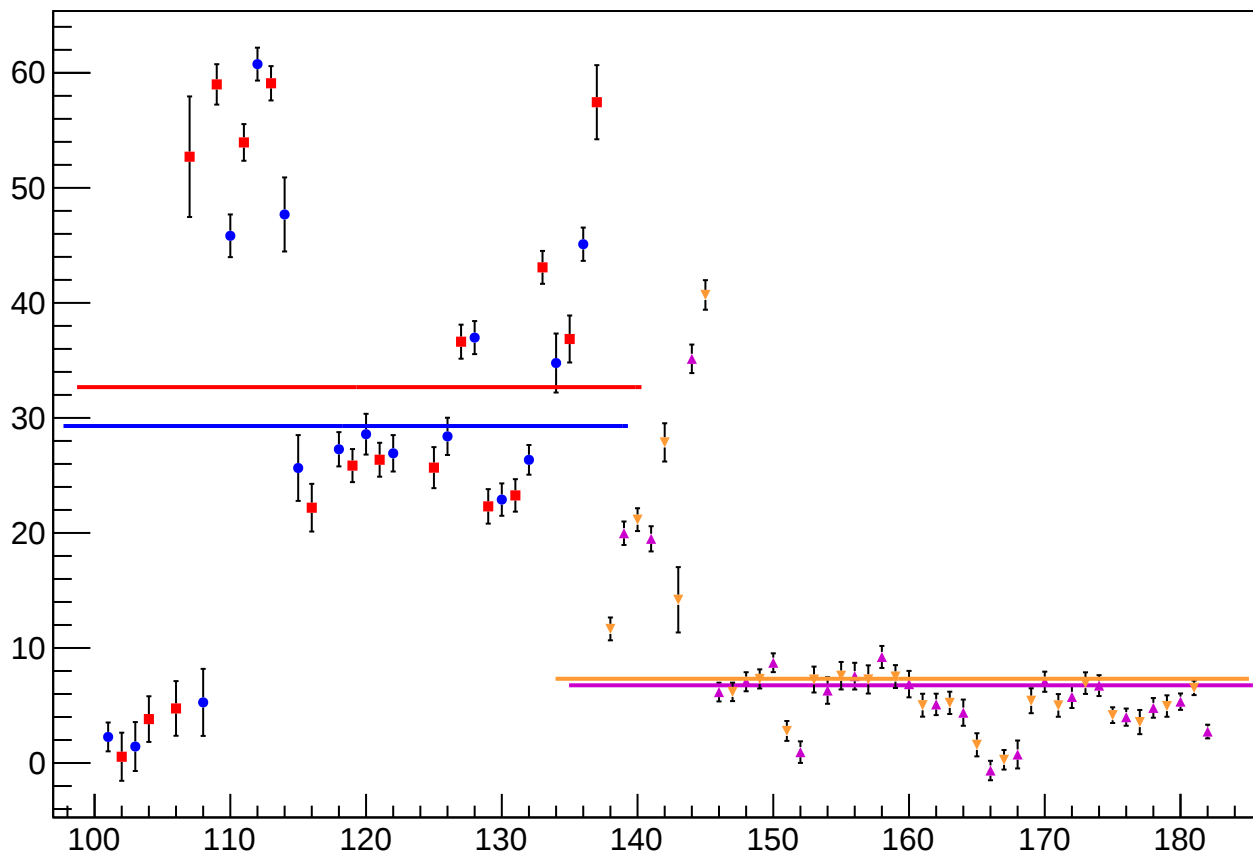
Right: 3.951 $\pm$ 0.156 χ^2/NDF : 794.3/32

In: 2.263 $\pm$ 0.124 χ^2/NDF : 650.1/37

Out: 2.464 $\pm$ 0.126 χ^2/NDF : 604.0/39

All: 2.362 $\pm$ 0.088 χ^2/NDF : 1255.4/77

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.324 $\pm$ 0.201 χ^2 /NDF:1237.8/22

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 6.755 $\pm$ 0.193 χ^2 /NDF:1057.8/21

Left: 7.028 $\pm$ 0.139 χ^2 /NDF: 2299.8/44

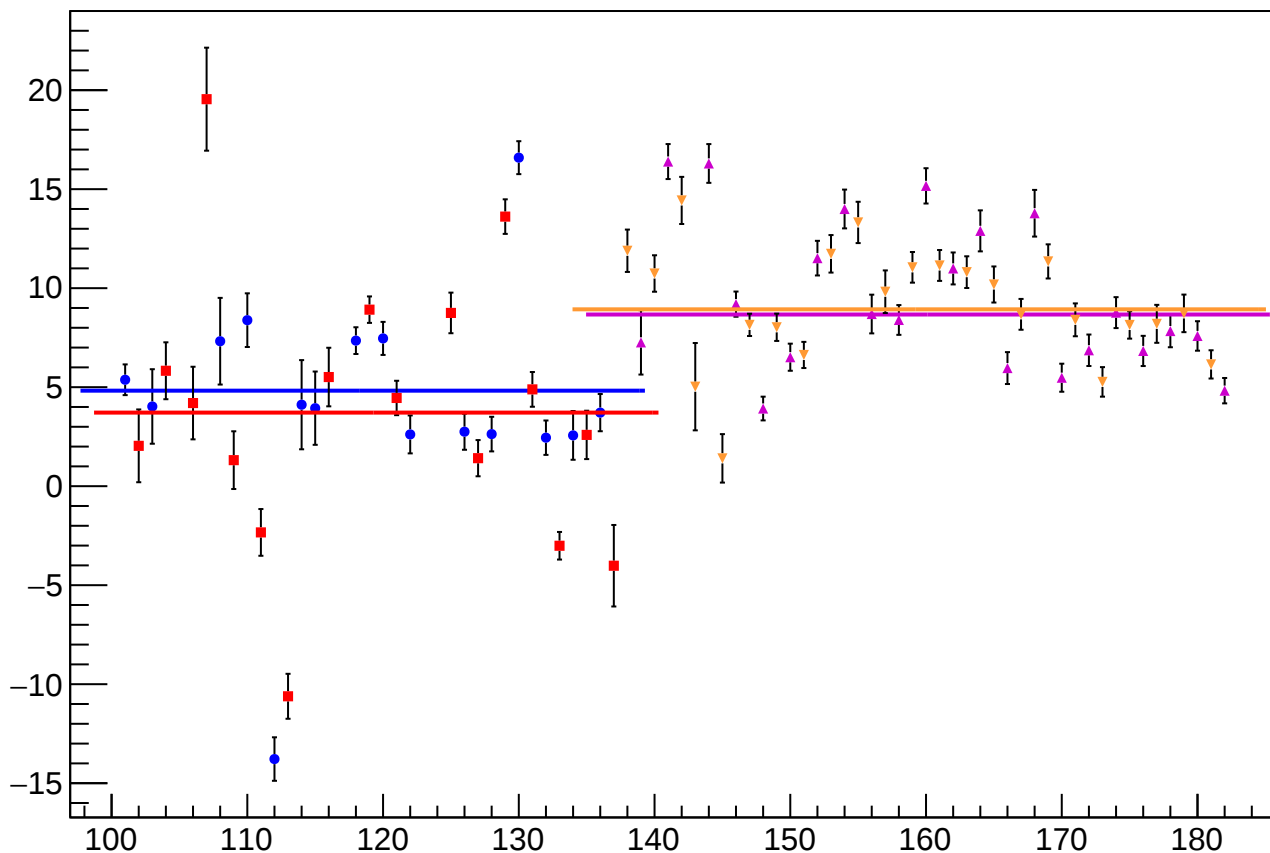
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 10.718 $\pm$ 0.175 χ^2 /NDF:4948.8/37

Out: 11.983 $\pm$ 0.181 χ^2 /NDF:5782.4/39

All: 11.327 $\pm$ 0.126 χ^2 /NDF: 10756.4/77

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.932 ± 0.175 χ^2/NDF : 189.4/22

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 8.670 ± 0.172 χ^2/NDF : 430.3/21

Left: 8.798 ± 0.123 χ^2/NDF : 620.8/44

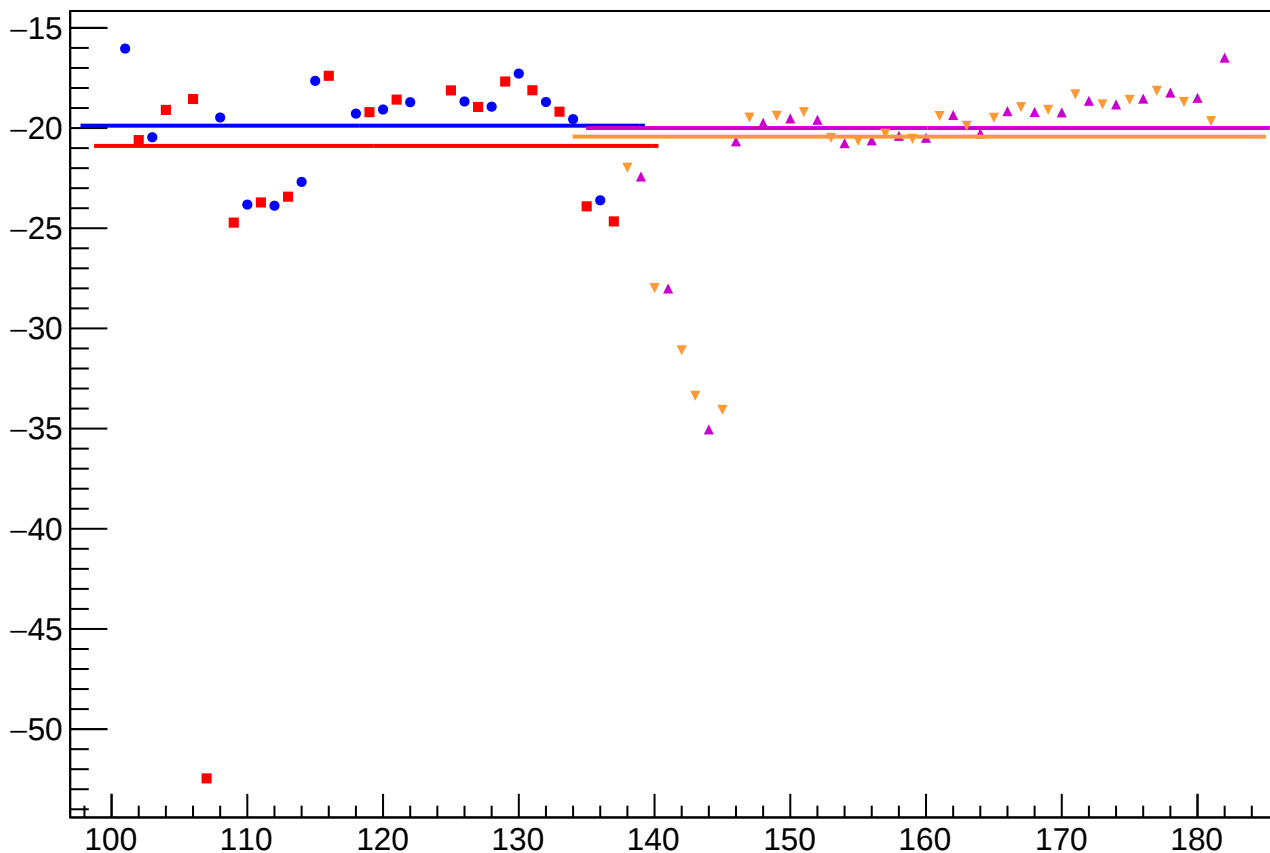
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.447 ± 0.142 χ^2/NDF : 1139.0/37

Out: 7.295 ± 0.145 χ^2/NDF : 1028.1/39

All: 7.373 ± 0.101 χ^2/NDF : 2167.6/77

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: -20.428 ± 0.008 χ^2/NDF : 163342.5/22

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -19.999 ± 0.008 χ^2/NDF : 140095.1/21

Left: -20.205 ± 0.006 χ^2/NDF : 304843.8/44

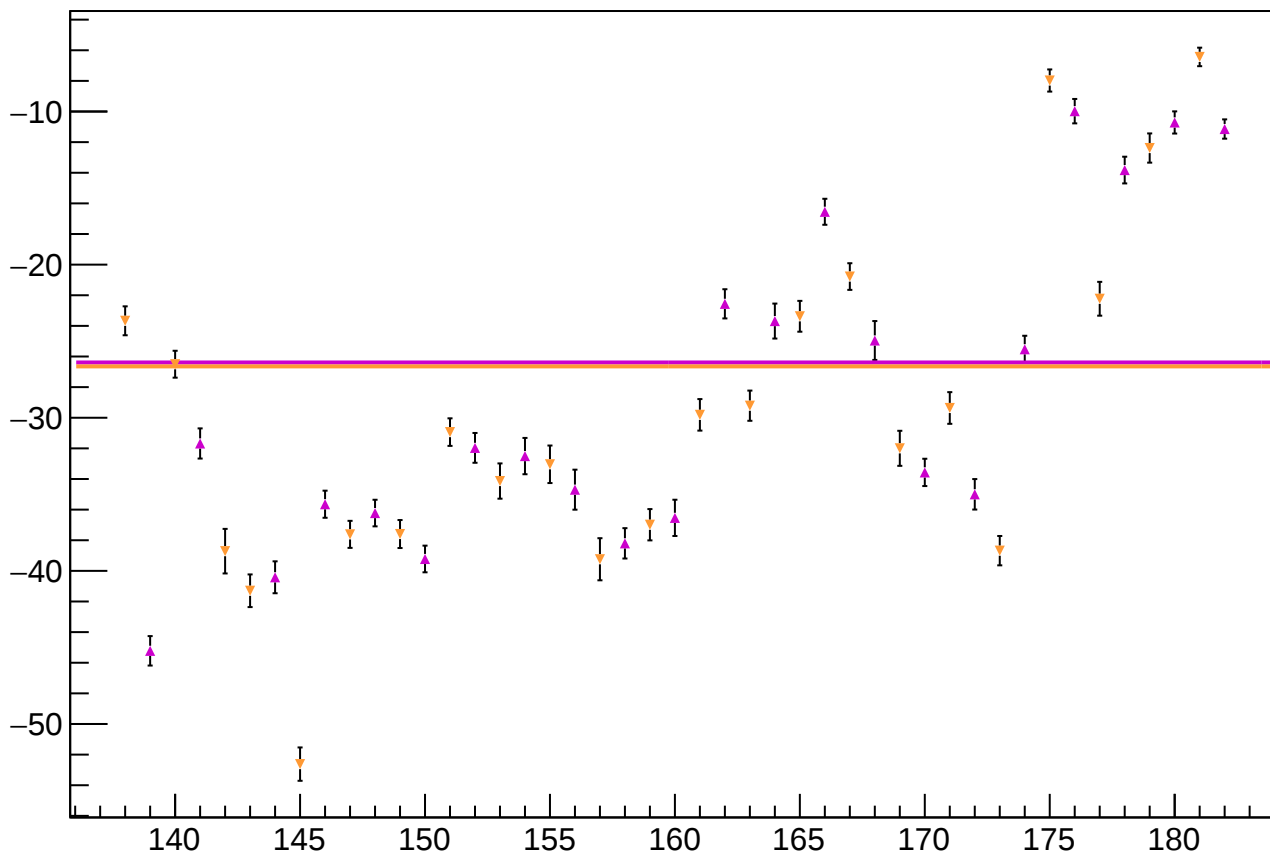
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -19.975 ± 0.007 χ^2/NDF : 166223.5/37

Out: -20.528 ± 0.007 χ^2/NDF : 256934.6/39

All: -20.242 ± 0.005 χ^2/NDF : 426120.5/77

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.390+/-0.197 χ^2/NDF : 3347.1/21

Left: -26.516+/-0.141 χ^2/NDF : 7041.7/44

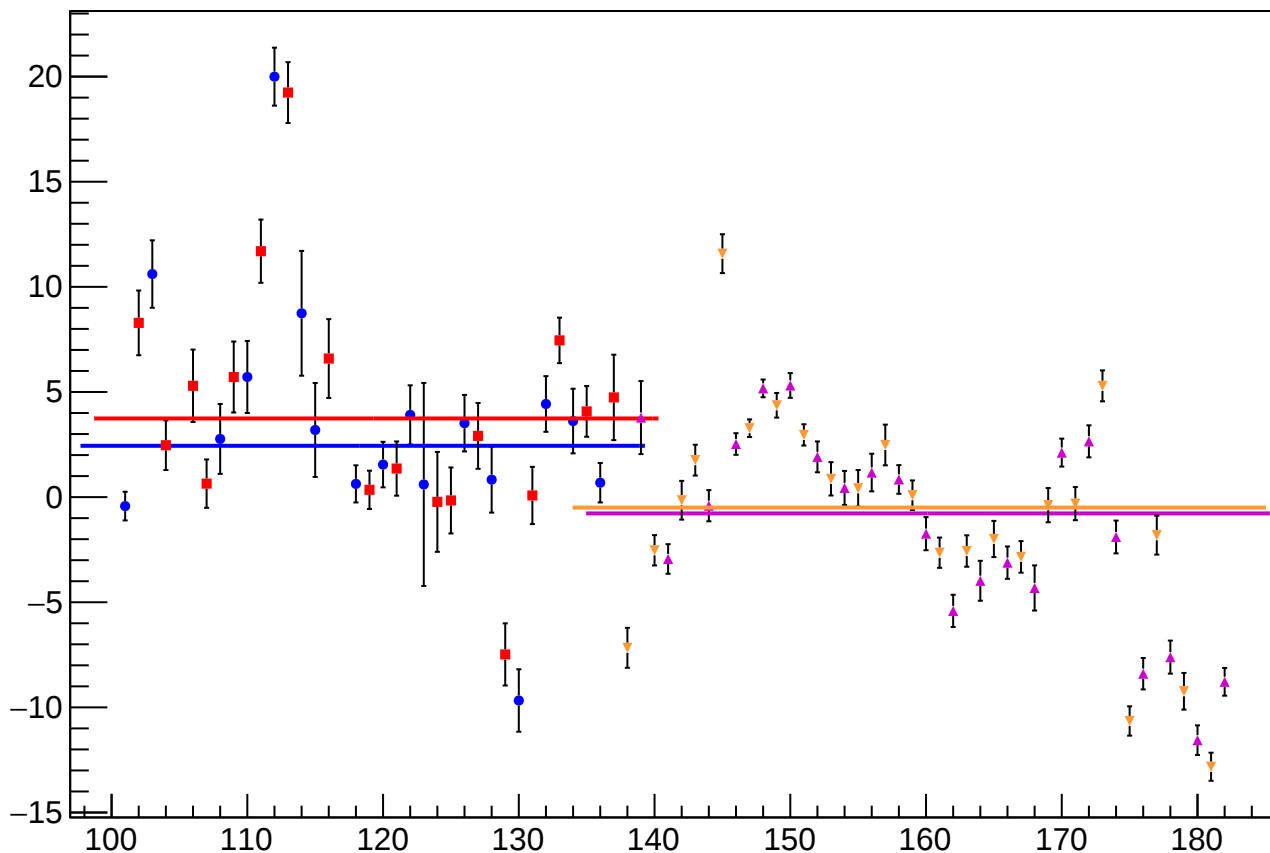
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.390+/-0.197 χ^2/NDF : 3347.1/21

Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

All: -26.516+/-0.141 χ^2/NDF : 7041.7/44

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: -0.497 ± 0.150 χ^2/NDF : 1194.6/22

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: -0.775 ± 0.151 χ^2/NDF : 1060.6/21

Left: -0.634 ± 0.107 χ^2/NDF : 2256.9/44

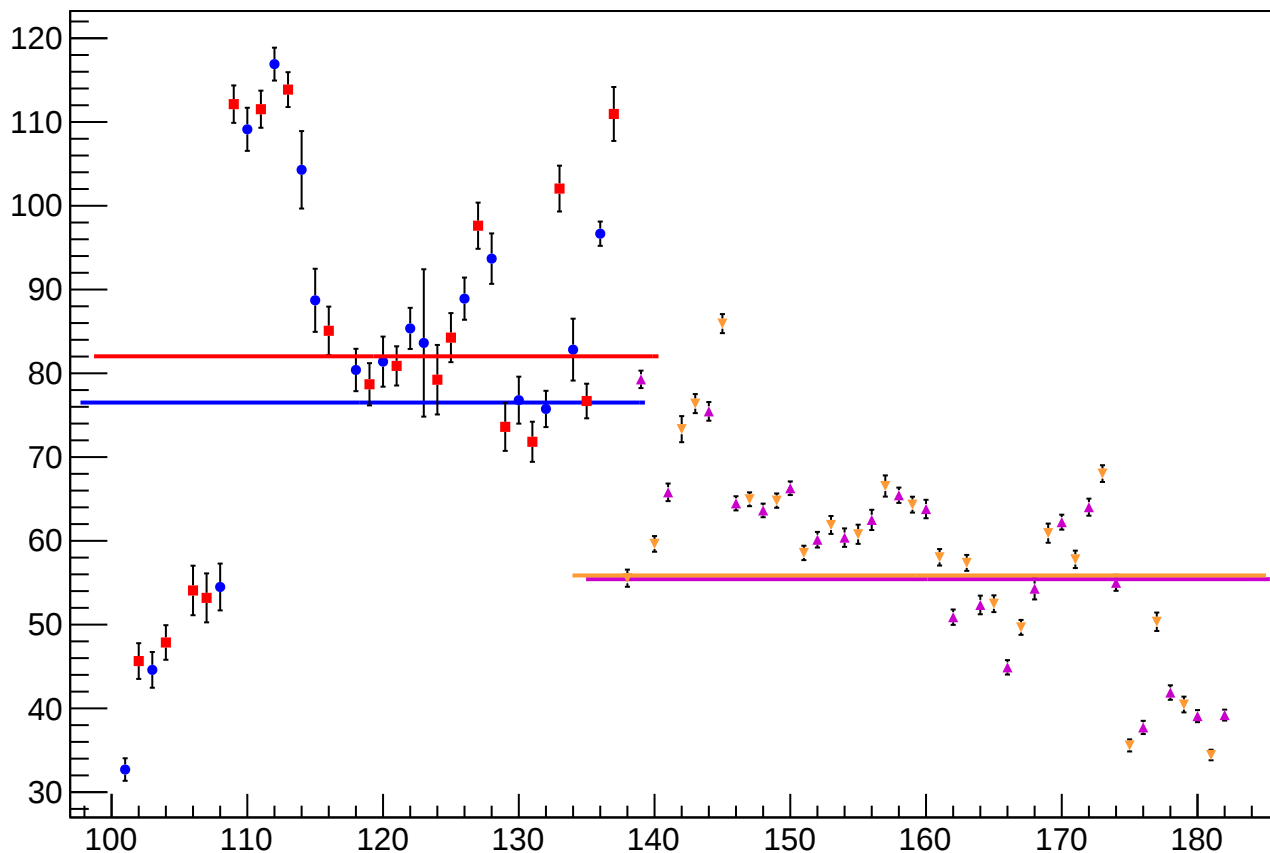
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: -0.159 ± 0.136 χ^2/NDF : 1441.6/38

Out: 0.242 ± 0.136 χ^2/NDF : 1601.7/40

All: 0.041 ± 0.096 χ^2/NDF : 3047.5/79

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: 55.869 $\pm$ 0.200 χ^2 /NDF: 4092.9/22

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 55.423 $\pm$ 0.195 χ^2 /NDF: 3786.4/21

Left: 55.641 $\pm$ 0.140 χ^2 /NDF: 7881.8/44

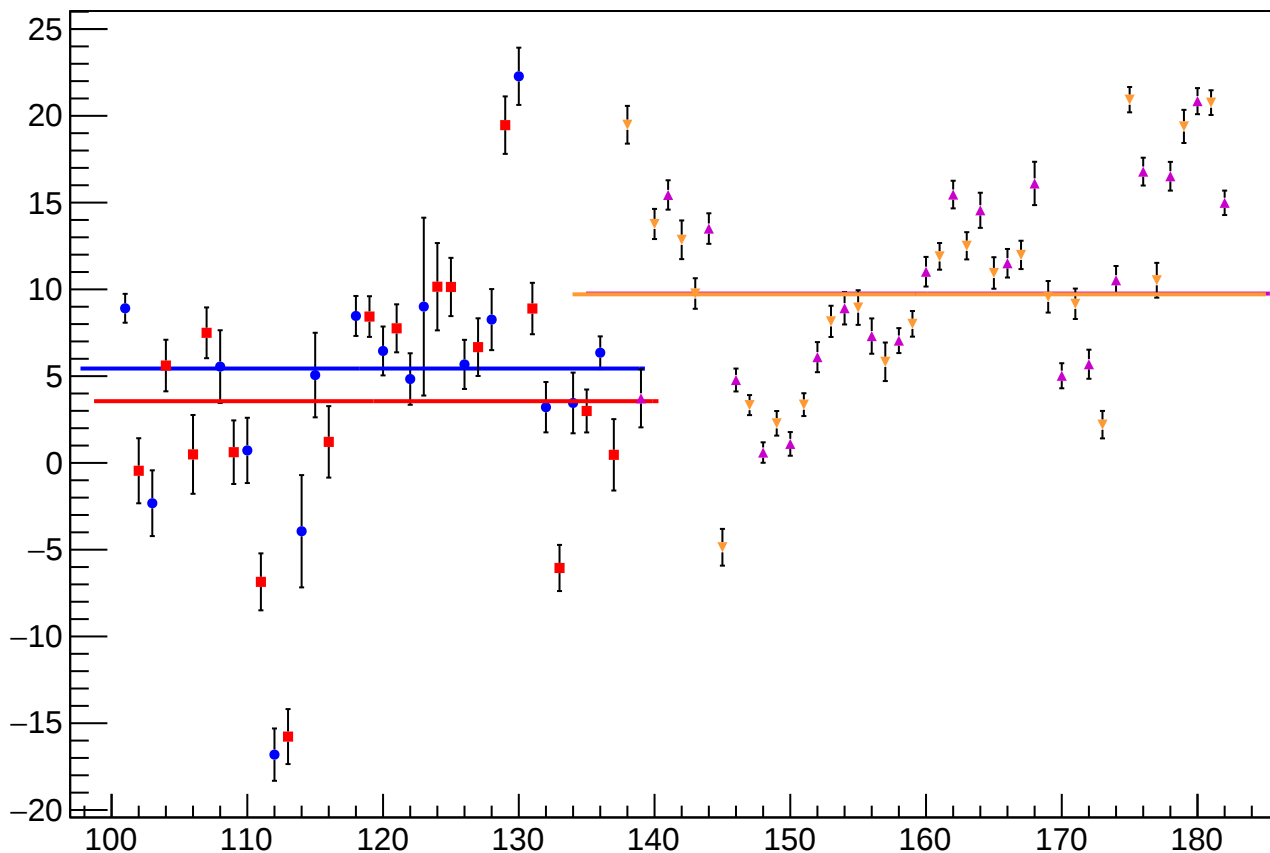
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 57.612 $\pm$ 0.185 χ^2 /NDF: 7246.1/38

Out: 58.532 $\pm$ 0.189 χ^2 /NDF: 7391.2/40

All: 58.062 $\pm$ 0.132 χ^2 /NDF: 14649.4/79

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 9.714 ± 0.173 χ^2/NDF : 1346.6/22

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 9.758 ± 0.173 χ^2/NDF : 1165.1/21

Left: 9.736 ± 0.122 χ^2/NDF : 2511.8/44

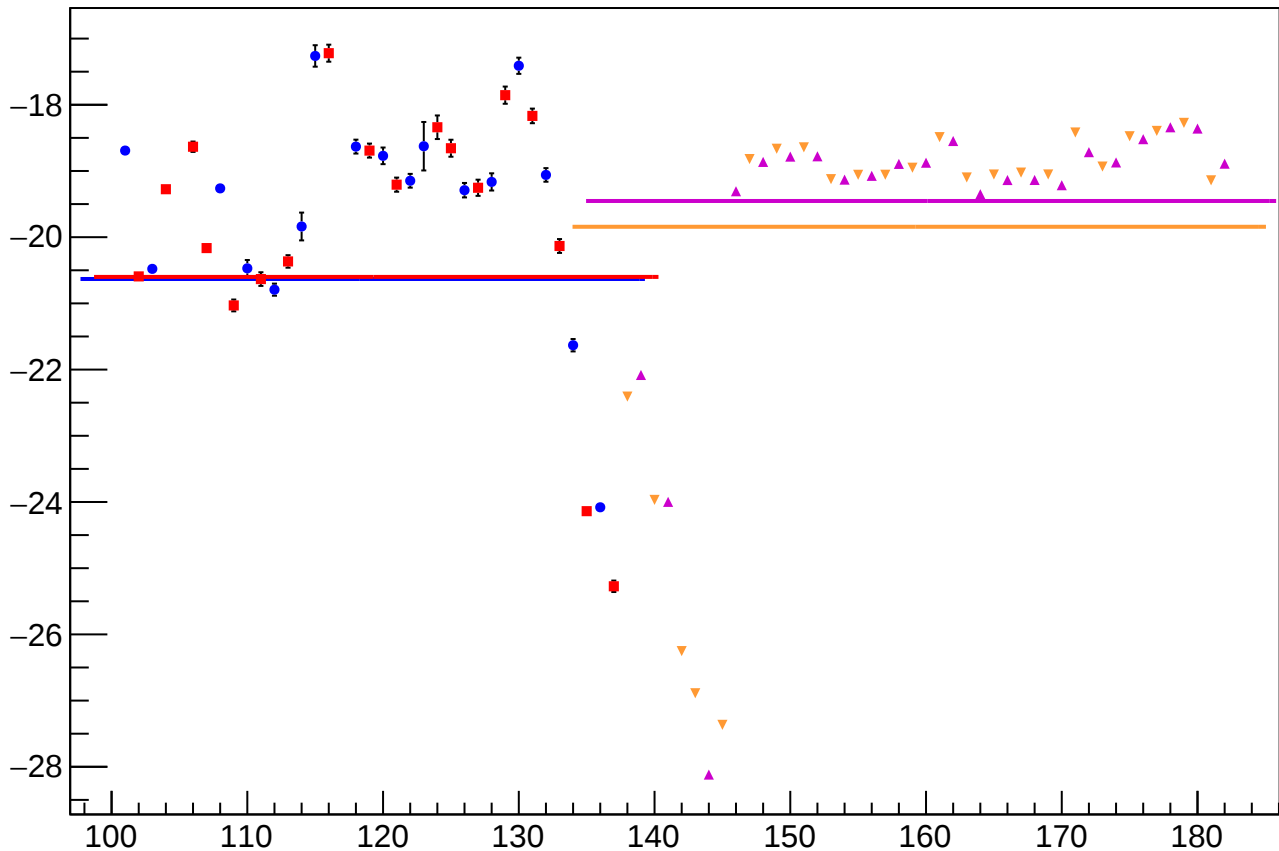
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 8.939 ± 0.156 χ^2/NDF : 1669.4/38

Out: 8.635 ± 0.157 χ^2/NDF : 1989.3/40

All: 8.789 ± 0.111 χ^2/NDF : 3660.6/79

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.843 ± 0.008 $\chi^2/\text{NDF}: 90425.1/22$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.453 ± 0.008 $\chi^2/\text{NDF}: 54020.7/21$

Left: -19.644 ± 0.006 $\chi^2/\text{NDF}: 145602.8/44$

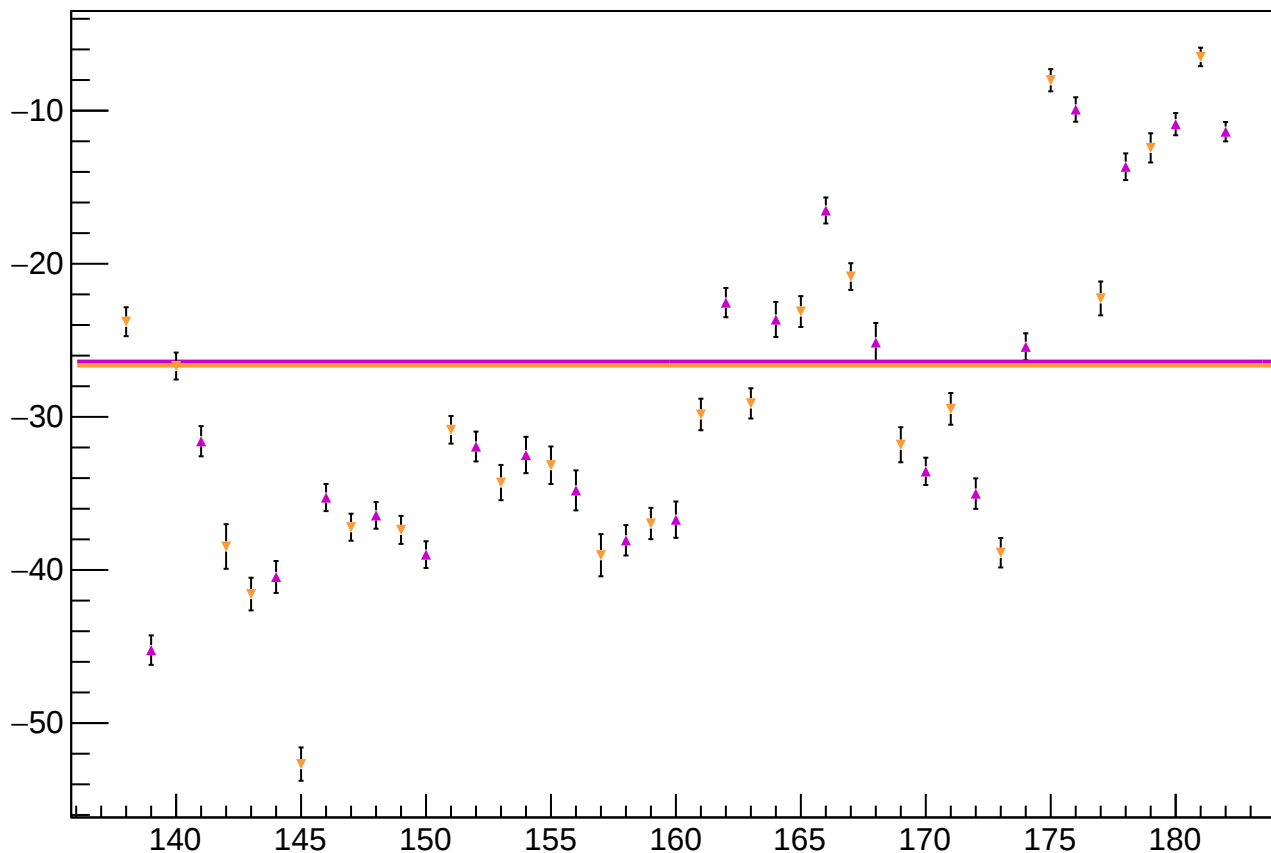
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.626 ± 0.007 $\chi^2/\text{NDF}: 69703.6/38$

Out: -19.957 ± 0.008 $\chi^2/\text{NDF}: 103686.4/40$

All: -19.788 ± 0.005 $\chi^2/\text{NDF}: 174365.9/79$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -26.643+/-0.201 χ^2/NDF : 3672.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.389+/-0.197 χ^2/NDF : 3313.2/21

Left: -26.514+/-0.141 χ^2/NDF : 6986.8/44

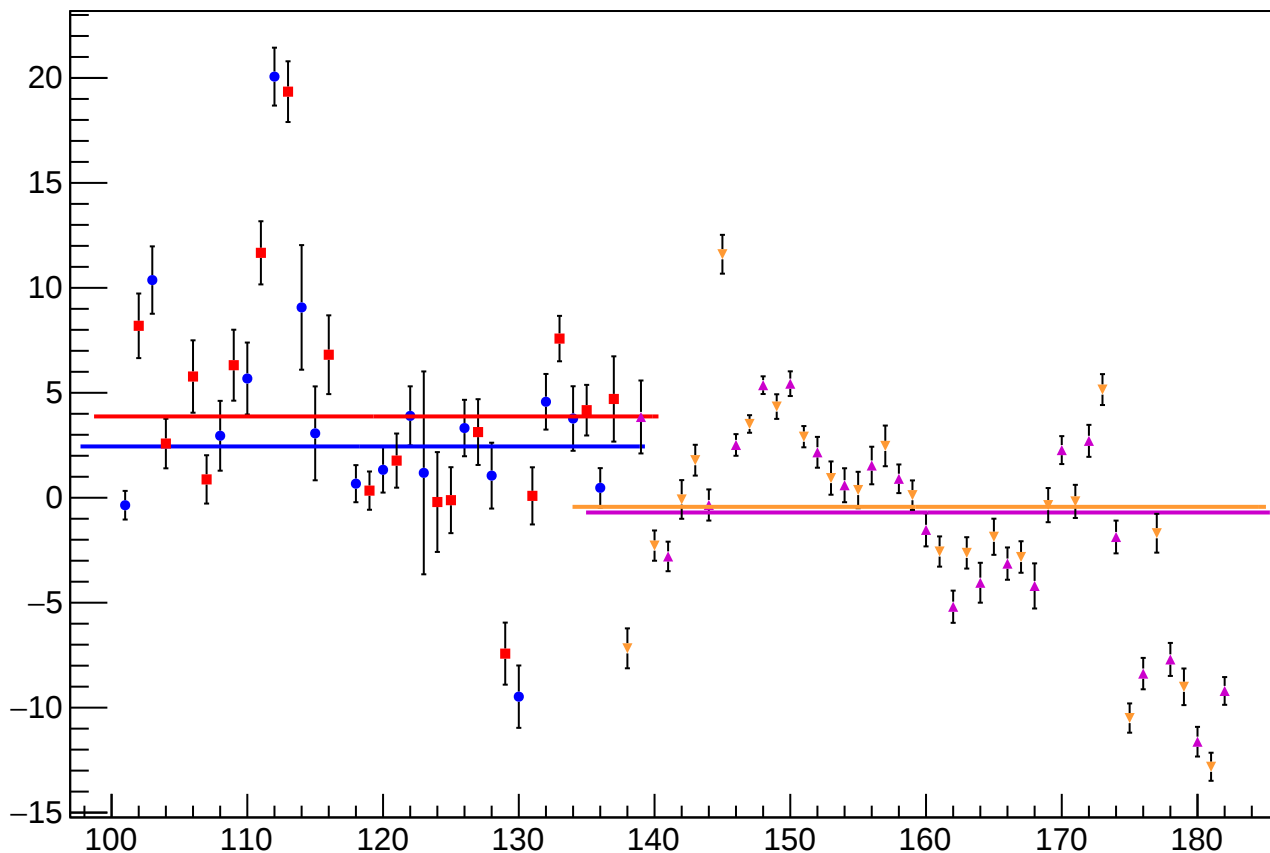
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.389+/-0.197 χ^2/NDF : 3313.2/21

Out: -26.643+/-0.201 χ^2/NDF : 3672.7/22

All: -26.514+/-0.141 χ^2/NDF : 6986.8/44

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: -0.433 ± 0.150 χ^2/NDF : 1185.5/22

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: -0.703 ± 0.152 χ^2/NDF : 1099.4/21

Left: -0.567 ± 0.107 χ^2/NDF : 2286.5/44

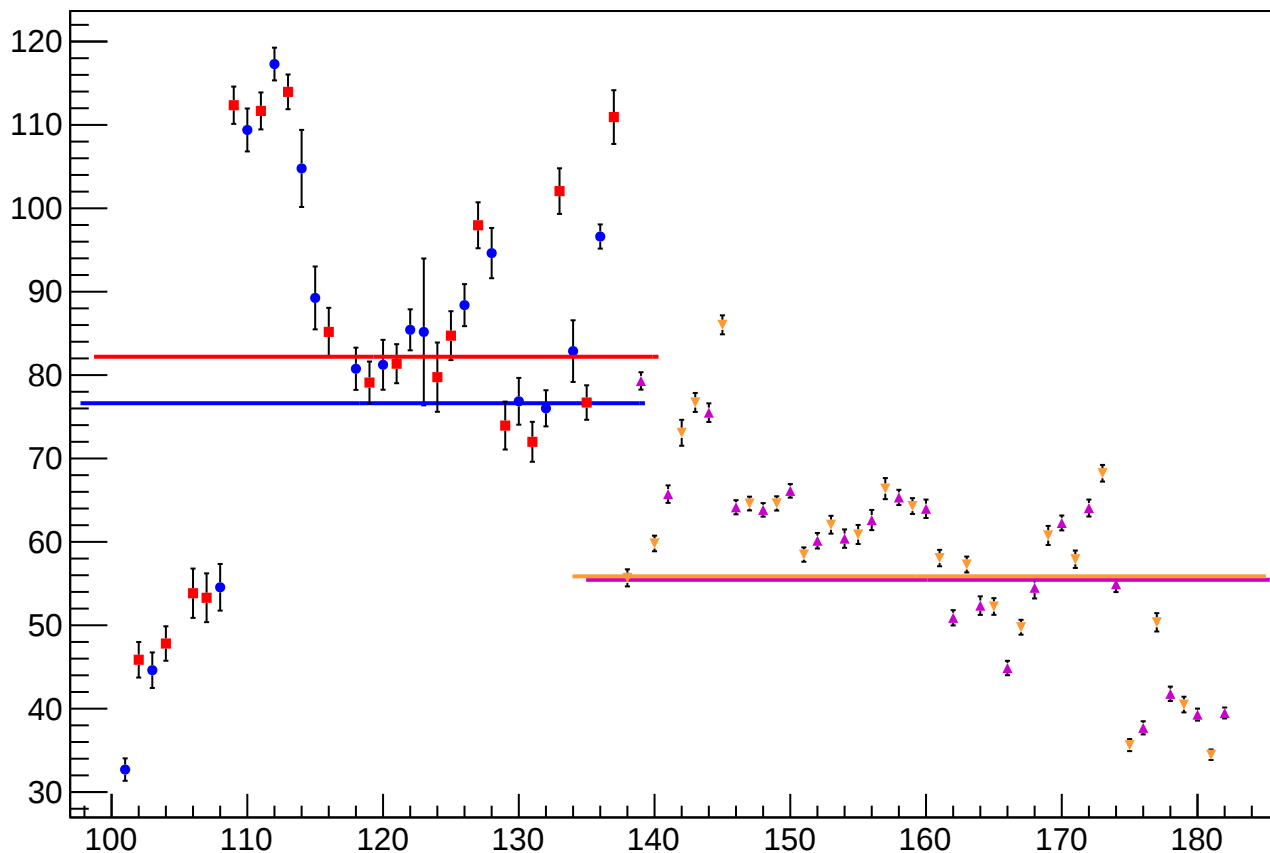
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: -0.100 ± 0.136 χ^2/NDF : 1474.6/38

Out: 0.318 ± 0.136 χ^2/NDF : 1597.1/40

All: 0.108 ± 0.096 χ^2/NDF : 3076.4/79

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 55.868 $\pm$ 0.200 χ^2 /NDF: 4081.7/22

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 55.451 $\pm$ 0.196 χ^2 /NDF: 3746.8/21

Left: 55.655 $\pm$ 0.140 χ^2 /NDF: 7830.7/44

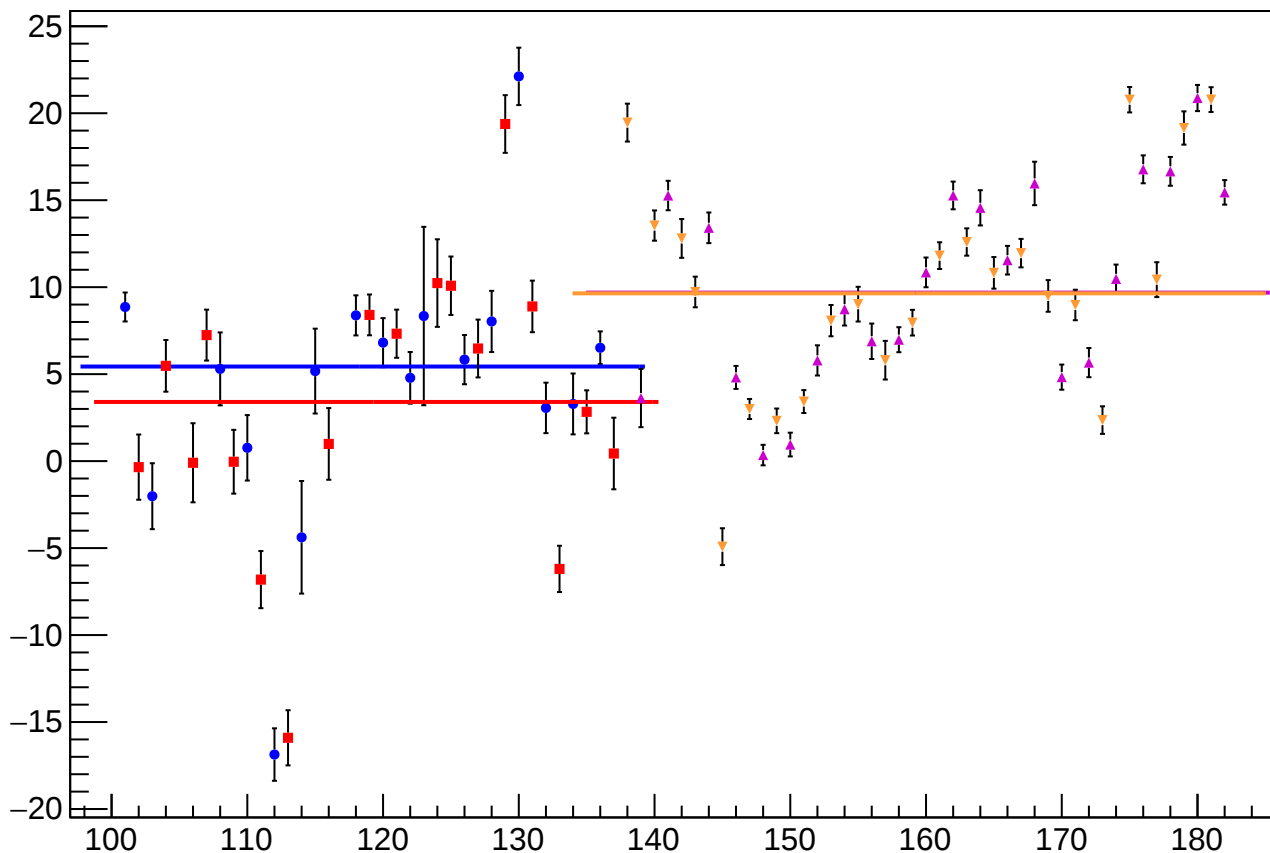
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 57.650 $\pm$ 0.185 χ^2 /NDF: 7227.2/38

Out: 58.548 $\pm$ 0.189 χ^2 /NDF: 7403.4/40

All: 58.090 $\pm$ 0.132 χ^2 /NDF: 14642.1/79

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 9.646 ± 0.173 $\chi^2/\text{NDF}: 1340.3/22$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 9.687 ± 0.173 $\chi^2/\text{NDF}: 1197.3/21$

Left: 9.666 ± 0.122 $\chi^2/\text{NDF}: 2537.6/44$

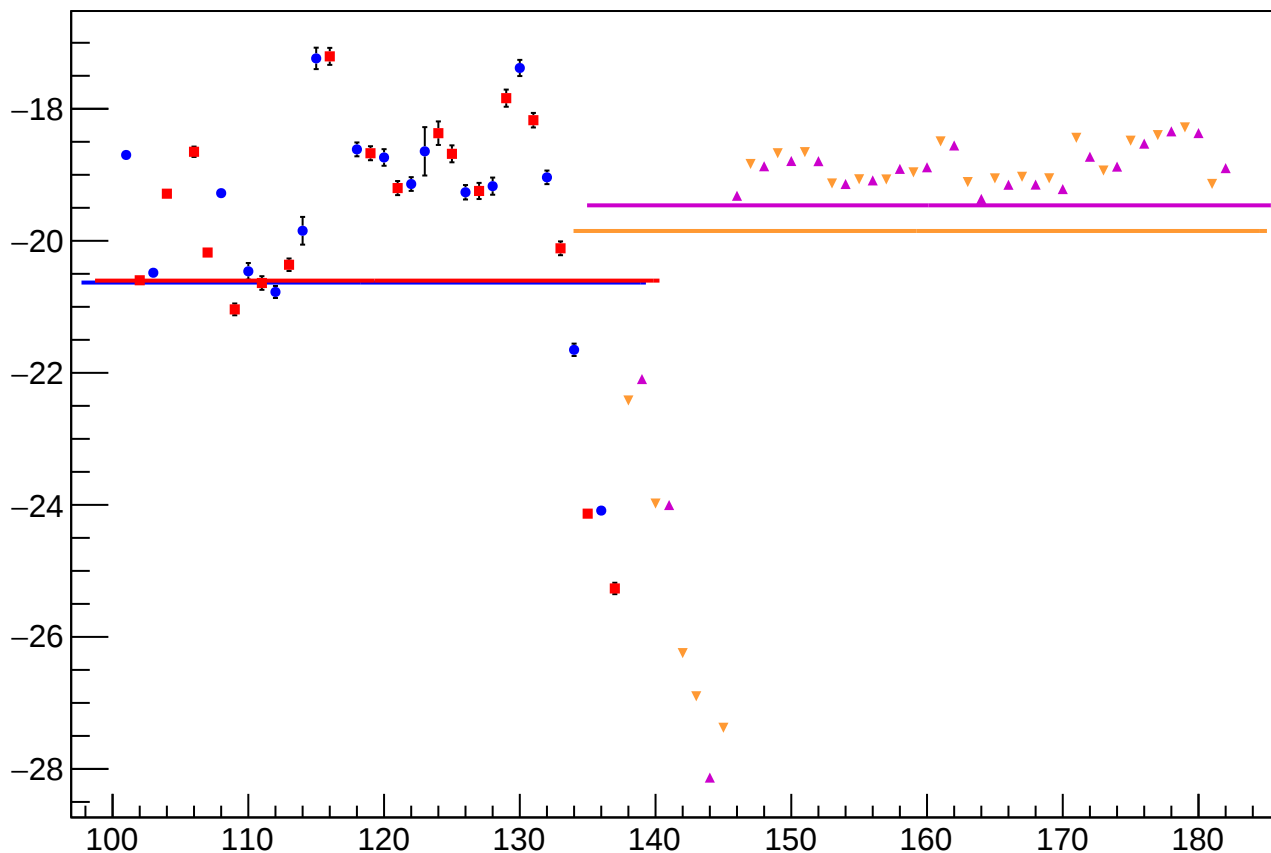
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 8.881 ± 0.156 $\chi^2/\text{NDF}: 1696.0/38$

Out: 8.551 ± 0.157 $\chi^2/\text{NDF}: 1989.3/40$

All: 8.718 ± 0.111 $\chi^2/\text{NDF}: 3687.5/79$

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: -19.851 ± 0.008 $\chi^2/\text{NDF}: 90311.4/22$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.463 ± 0.008 $\chi^2/\text{NDF}: 53975.8/21$

Left: -19.653 ± 0.006 $\chi^2/\text{NDF}: 145434.4/44$

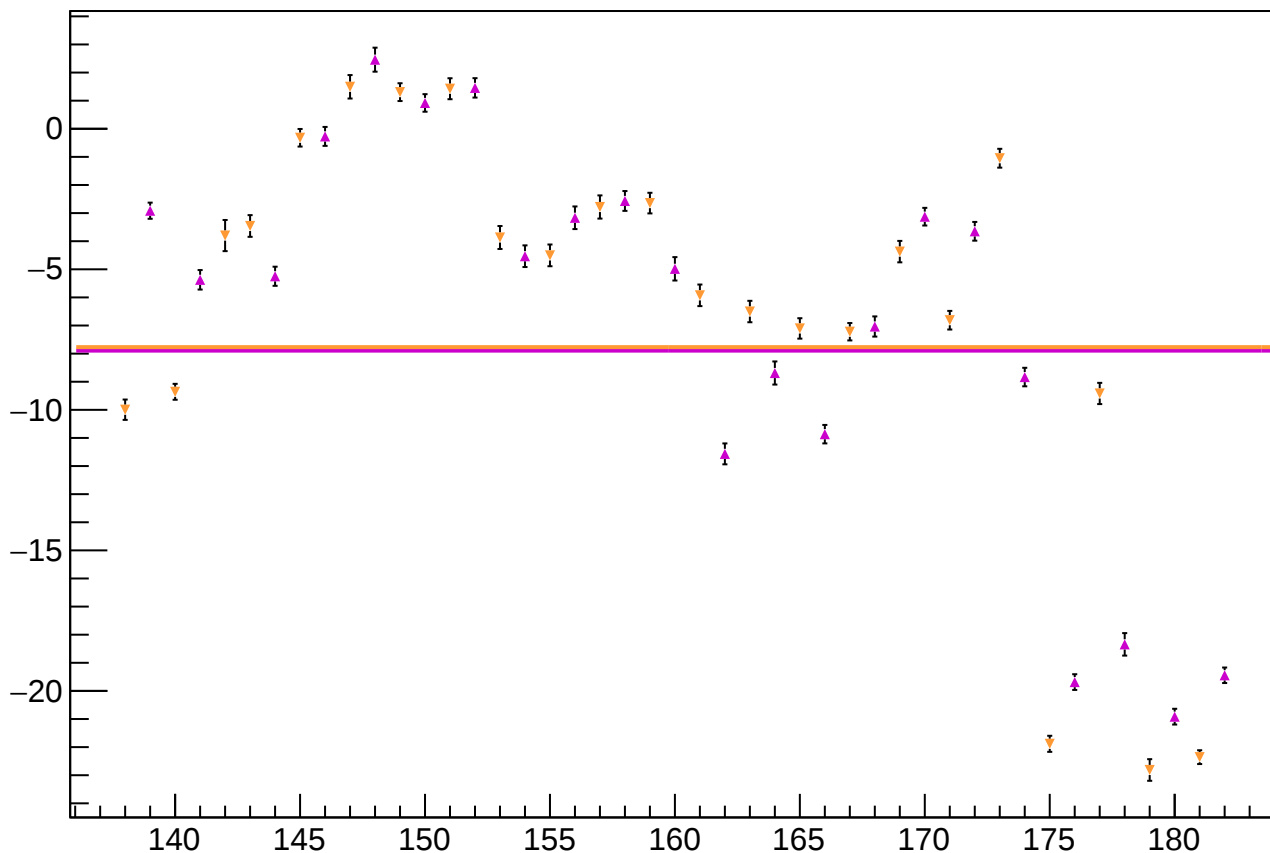
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.635 ± 0.007 $\chi^2/\text{NDF}: 69650.2/38$

Out: -19.964 ± 0.008 $\chi^2/\text{NDF}: 103505.5/40$

All: -19.796 ± 0.005 $\chi^2/\text{NDF}: 174124.7/79$

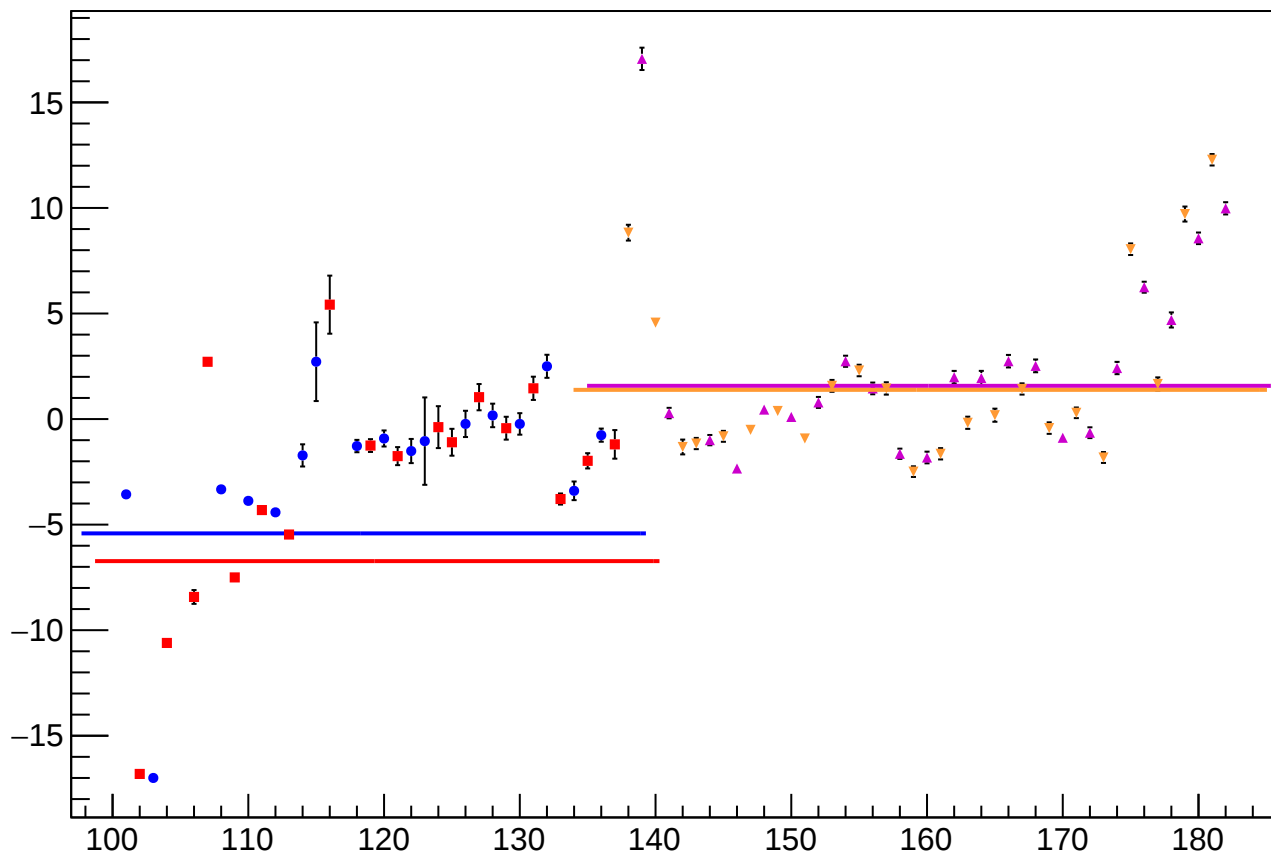
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.769 $\pm$ 0.073 χ^2 /NDF:11273.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.893 $\pm$ 0.072 χ^2 /NDF:10499.4/21

Left: -7.832 $\pm$ 0.051 χ^2 /NDF: 21774.6/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.893 $\pm$ 0.072 χ^2 /NDF:10499.4/21
 Out: -7.769 $\pm$ 0.073 χ^2 /NDF:11273.7/22
 All: -7.832 $\pm$ 0.051 χ^2 /NDF: 21774.6/44

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 1.384 ± 0.056 χ^2/NDF : 4403.9/22

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 1.574 ± 0.057 χ^2/NDF : 3868.0/21

Left: 1.477 ± 0.040 χ^2/NDF : 8277.7/44

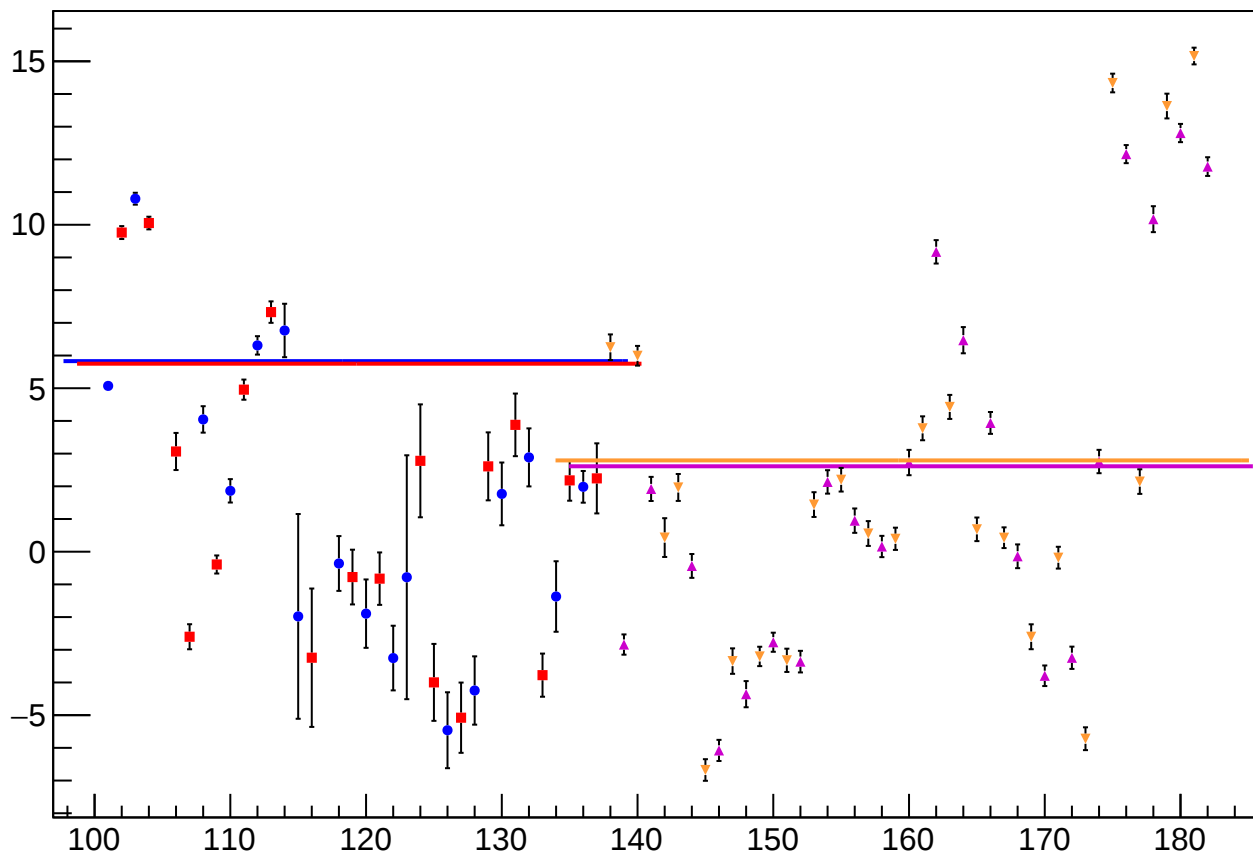
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.047 ± 0.039 χ^2/NDF : 20975.3/38

Out: -2.375 ± 0.041 χ^2/NDF : 25491.9/40

All: -2.205 ± 0.028 χ^2/NDF : 46500.7/79

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 2.792 ± 0.073 $\chi^2/\text{NDF}: 7872.0/22$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: 2.612 ± 0.072 $\chi^2/\text{NDF}: 7281.0/21$

Left: 2.701 ± 0.051 $\chi^2/\text{NDF}: 15156.1/44$

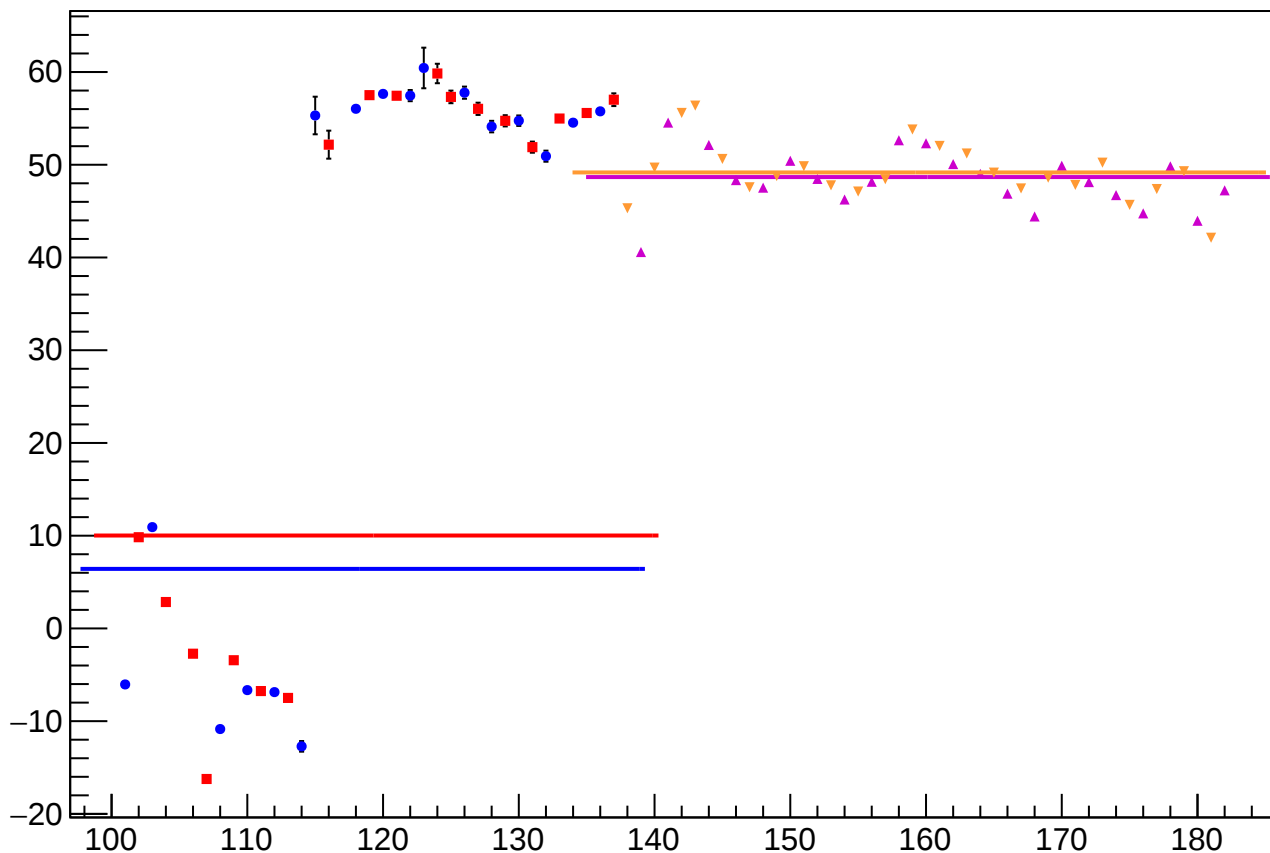
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.867 ± 0.056 $\chi^2/\text{NDF}: 9514.9/38$

Out: 3.865 ± 0.058 $\chi^2/\text{NDF}: 10985.1/40$

All: 3.866 ± 0.040 $\chi^2/\text{NDF}: 20500.0/79$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 49.171+/-0.063 χ^2/NDF : 2244.4/22

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 48.672+/-0.064 χ^2/NDF : 2056.1/21

Left: 48.924+/-0.045 χ^2/NDF : 4331.3/44

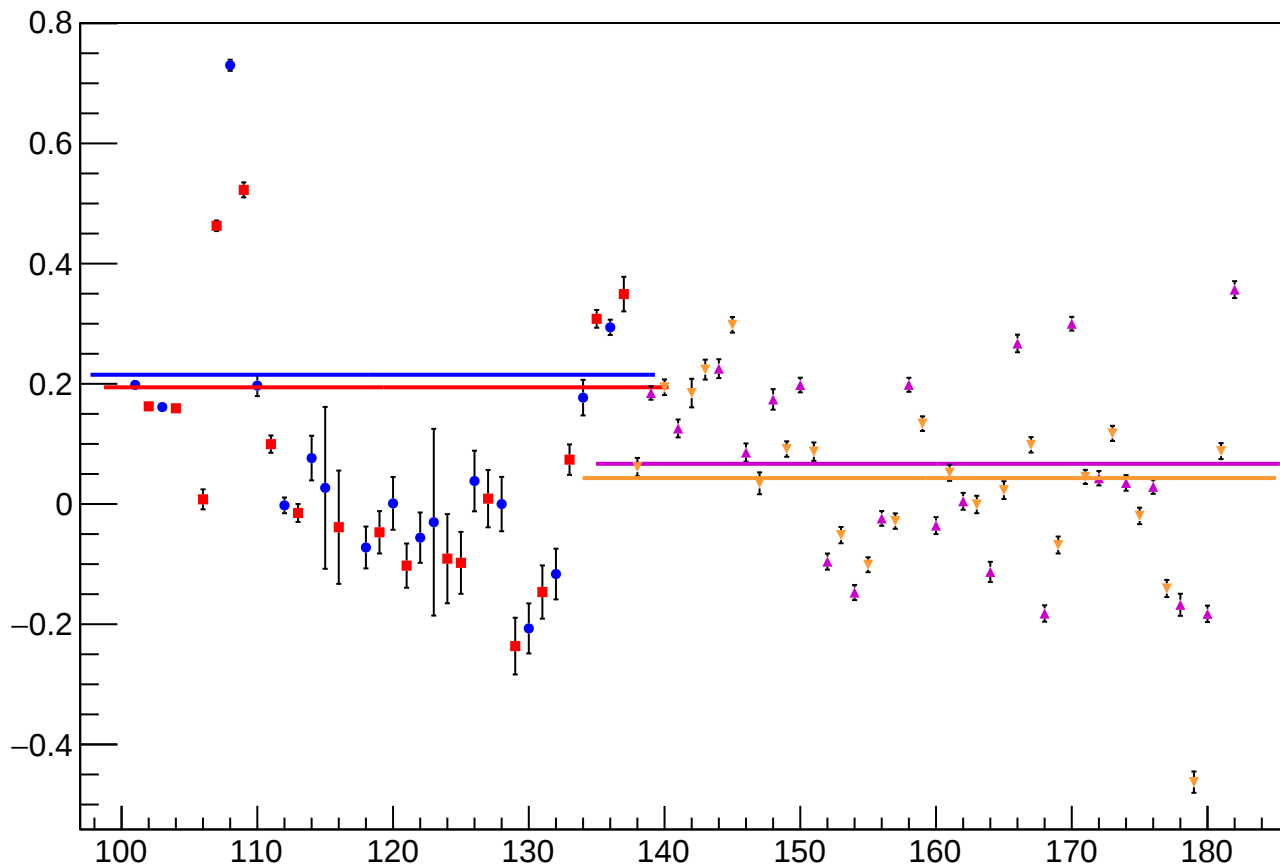
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 27.783+/-0.046 χ^2/NDF : 340564.9/38

Out: 31.751+/-0.047 χ^2/NDF : 294439.3/40

All: 29.696+/-0.033 χ^2/NDF : 638667.2/79

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.043 $\pm$ 0.003 χ^2 /NDF:2107.9/22

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.067 $\pm$ 0.003 χ^2 /NDF:3070.8/21

Left: 0.055 $\pm$ 0.002 χ^2 /NDF: 5212.7/44

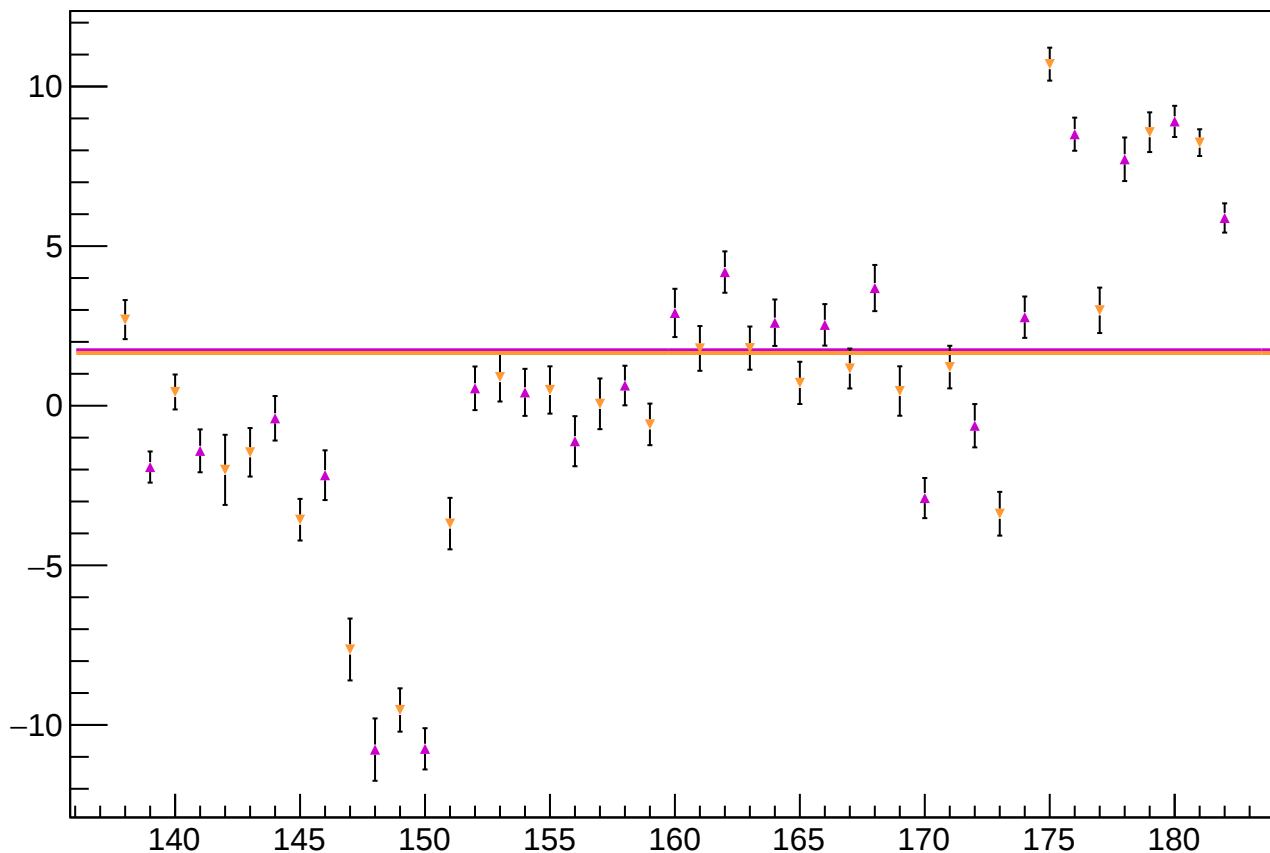
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.144 $\pm$ 0.002 χ^2 /NDF:8380.3/38

Out: 0.123 $\pm$ 0.002 χ^2 /NDF:6052.5/40

All: 0.133 $\pm$ 0.001 χ^2 /NDF: 14486.3/79

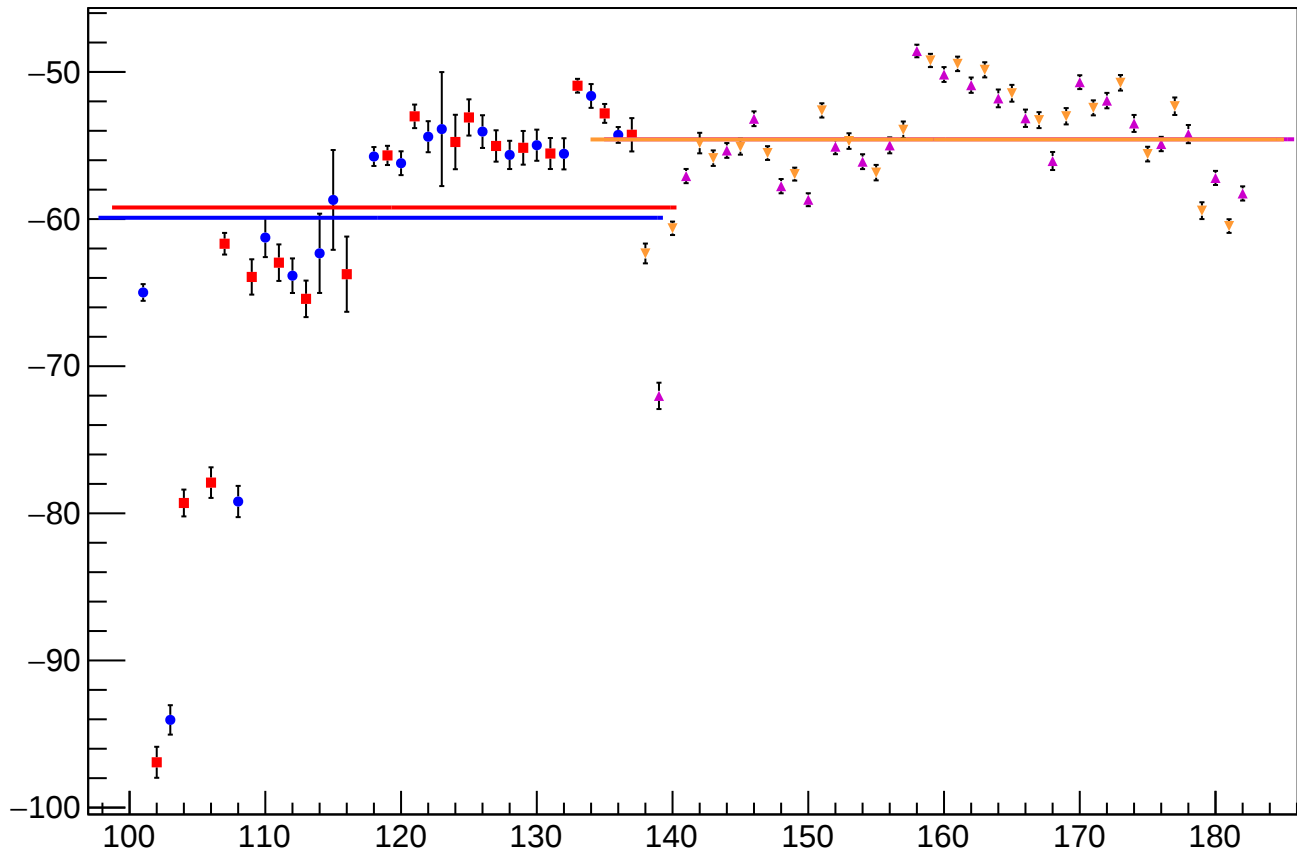
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.652+/-0.138 χ^2/NDF :1267.5/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.736+/-0.136 χ^2/NDF :1312.7/21

Left: 1.695+/-0.097 χ^2/NDF : 2580.4/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.736+/-0.136 χ^2/NDF :1312.7/21
 Out: 1.652+/-0.138 χ^2/NDF :1267.5/22
 All: 1.695+/-0.097 χ^2/NDF : 2580.4/44

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 $\pm$ 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.588 $\pm$ 0.109 χ^2/NDF :1084.0/22

Right Out: -59.212 $\pm$ 0.212 χ^2/NDF : 2742.9/17

Left In: -54.576 $\pm$ 0.111 χ^2/NDF :1097.2/21

Left: -54.582 $\pm$ 0.077 χ^2/NDF : 2181.1/44

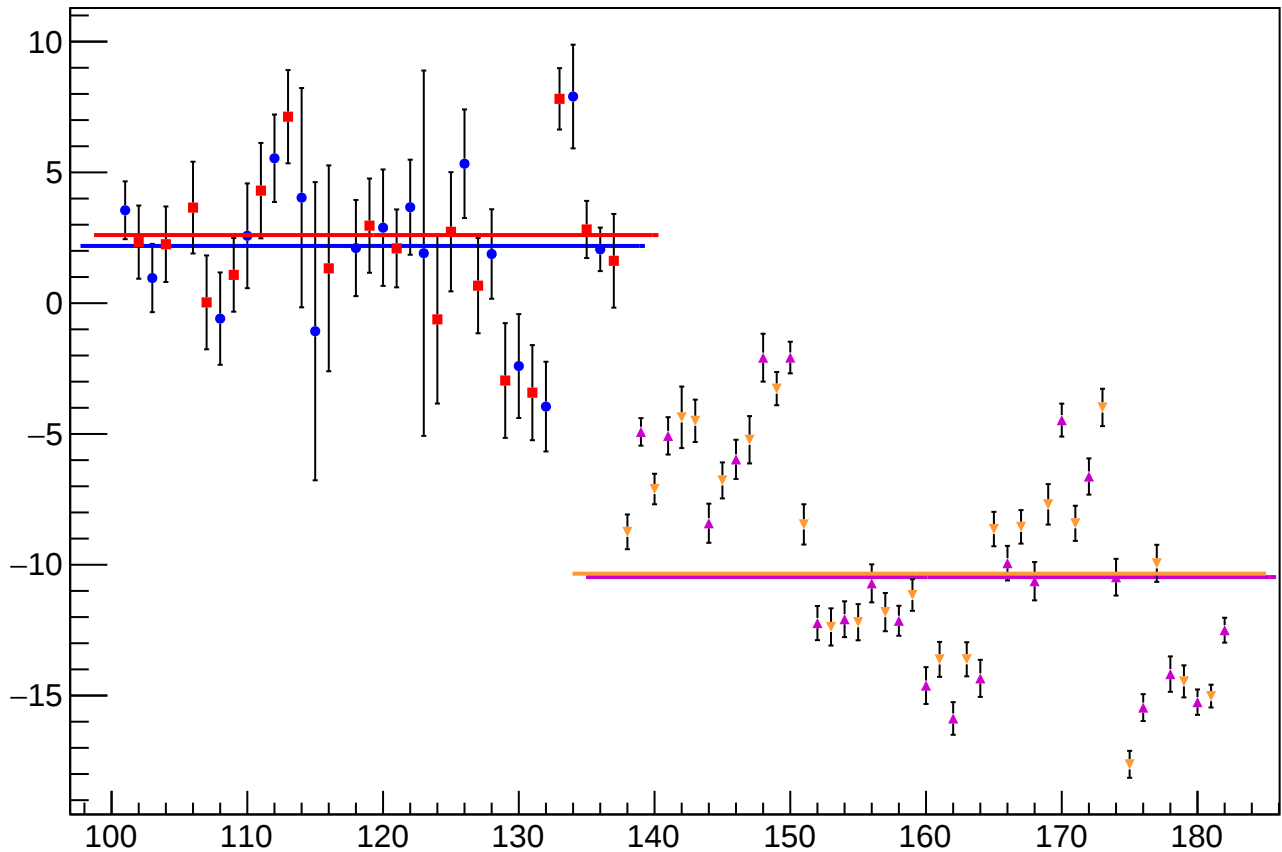
Right: -59.544 $\pm$ 0.154 χ^2/NDF : 4728.9/34

In: -55.627 $\pm$ 0.099 χ^2/NDF :3536.7/38

Out: -55.546 $\pm$ 0.097 χ^2/NDF :4202.7/40

All: -55.585 $\pm$ 0.069 χ^2/NDF : 7739.8/79

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -10.340 ± 0.138 χ^2/NDF : 848.7/22

Right Out: 2.605 ± 0.391 χ^2/NDF : 50.8/17

Left In: -10.471 ± 0.135 χ^2/NDF : 1011.1/21

Left: -10.406 ± 0.097 χ^2/NDF : 1860.3/44

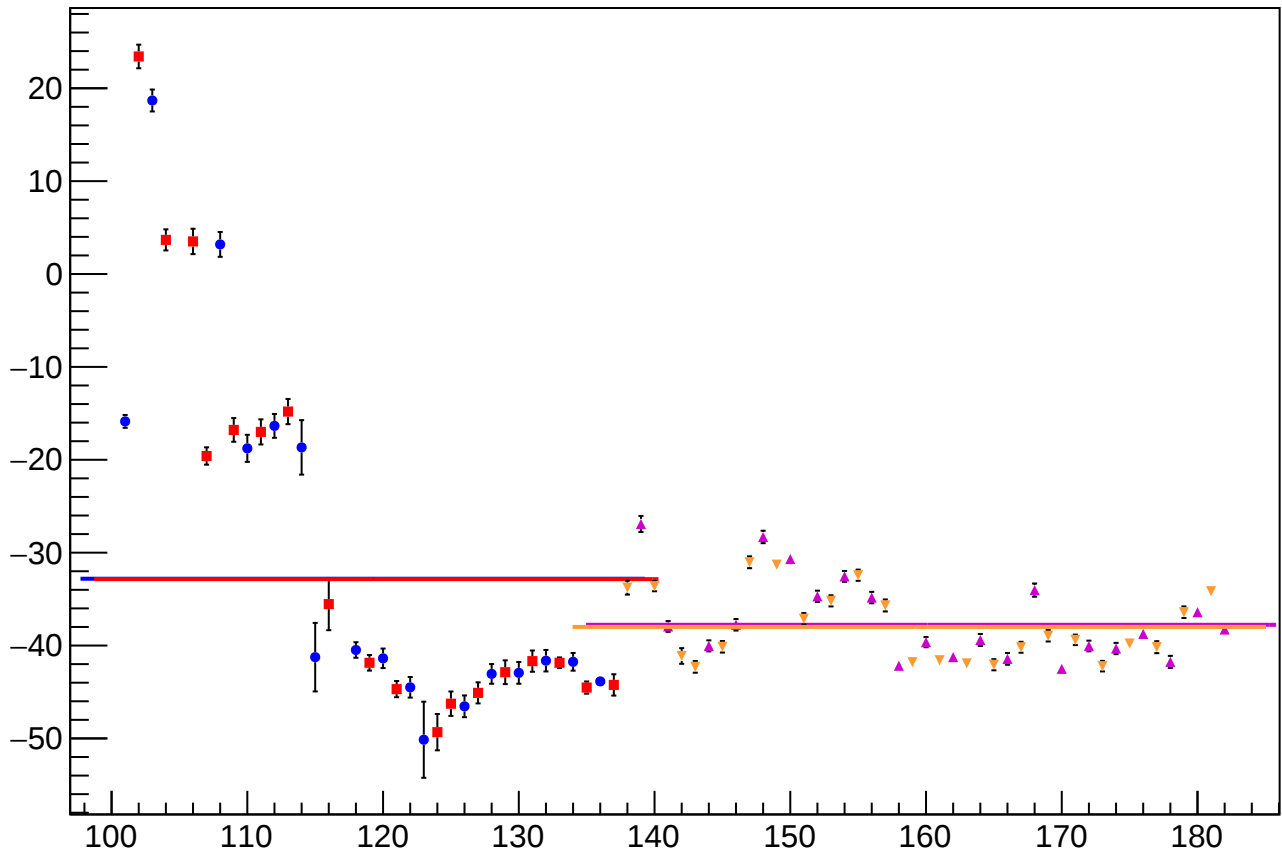
Right: 2.404 ± 0.281 χ^2/NDF : 90.4/34

In: -9.194 ± 0.128 χ^2/NDF : 1930.7/38

Out: -8.905 ± 0.130 χ^2/NDF : 1874.7/40

All: -9.051 ± 0.091 χ^2/NDF : 3807.9/79

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.992 ± 0.122 $\chi^2/\text{NDF}: 945.5/22$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -37.764 ± 0.123 $\chi^2/\text{NDF}: 1078.5/21$

Left: -37.879 ± 0.087 $\chi^2/\text{NDF}: 2025.8/44$

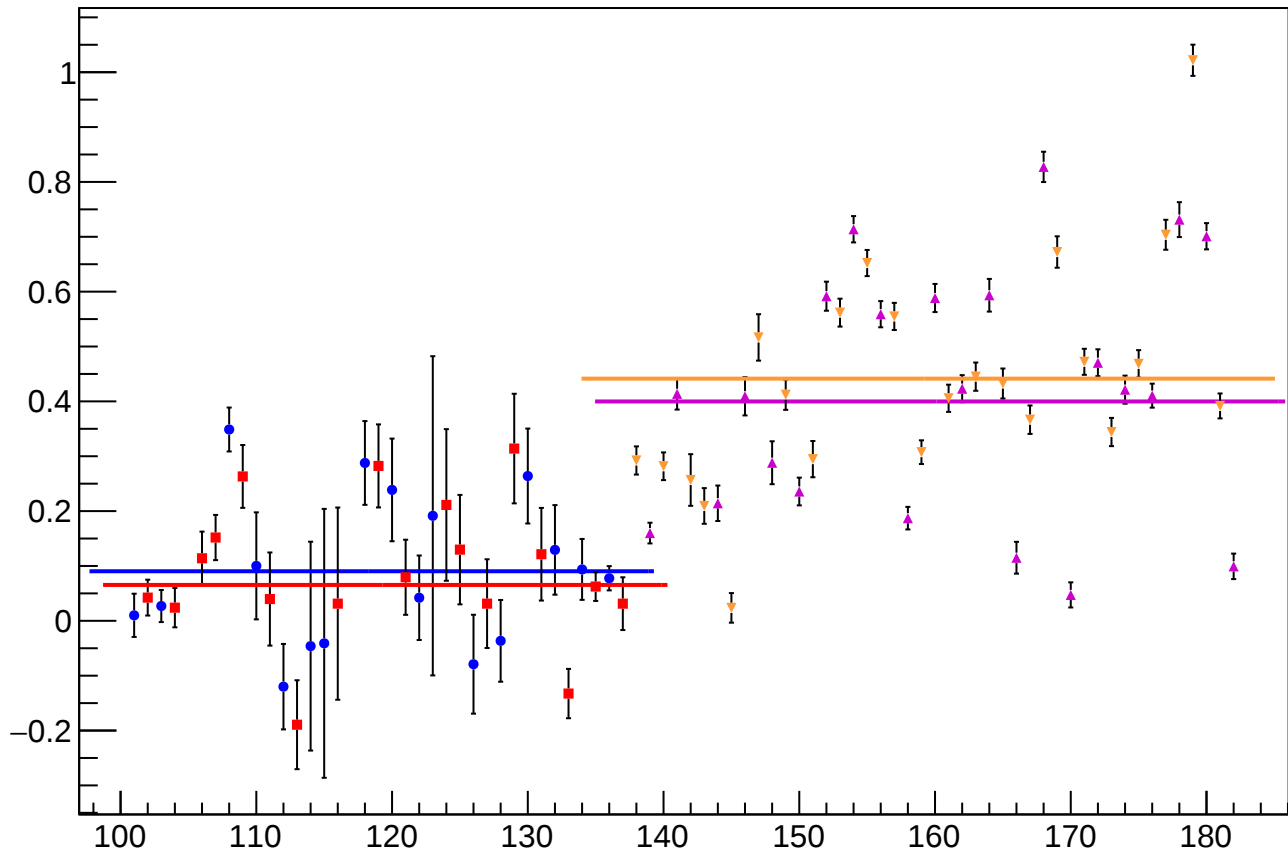
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -36.822 ± 0.111 $\chi^2/\text{NDF}: 6049.3/38$

Out: -36.961 ± 0.109 $\chi^2/\text{NDF}: 7049.8/40$

All: -36.893 ± 0.078 $\chi^2/\text{NDF}: 13099.9/79$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.441 ± 0.006 χ^2/NDF : 1170.7/22

Right Out: 0.065 ± 0.012 χ^2/NDF : 65.7/17

Left In: 0.400 ± 0.005 χ^2/NDF : 1734.2/21

Left: 0.420 ± 0.004 χ^2/NDF : 2933.5/44

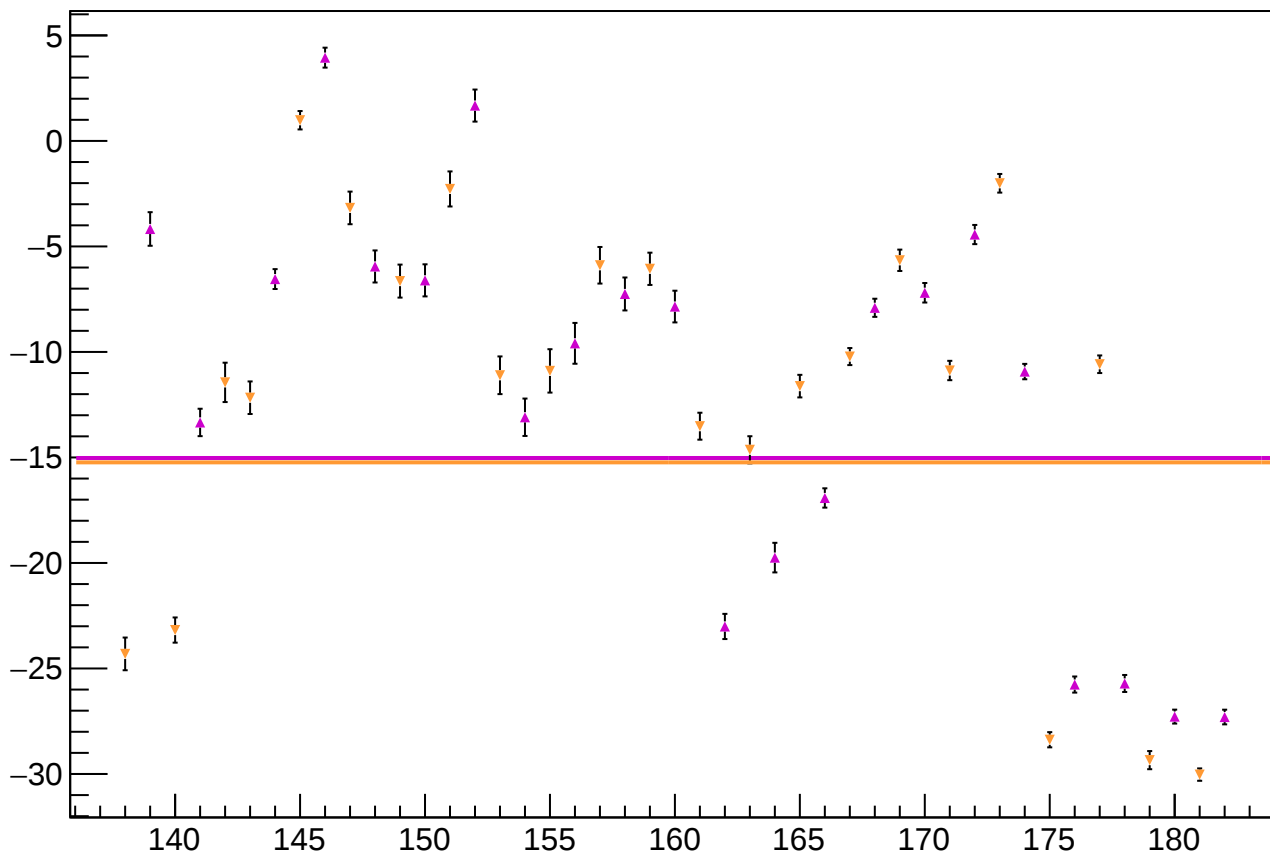
Right: 0.077 ± 0.009 χ^2/NDF : 147.0/34

In: 0.352 ± 0.005 χ^2/NDF : 2313.9/38

Out: 0.377 ± 0.005 χ^2/NDF : 2018.4/40

All: 0.364 ± 0.004 χ^2/NDF : 4344.6/79

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.026+/-0.108 χ^2/NDF : 8690.4/21

Left: -15.126+/-0.077 χ^2/NDF : 17953.8/44

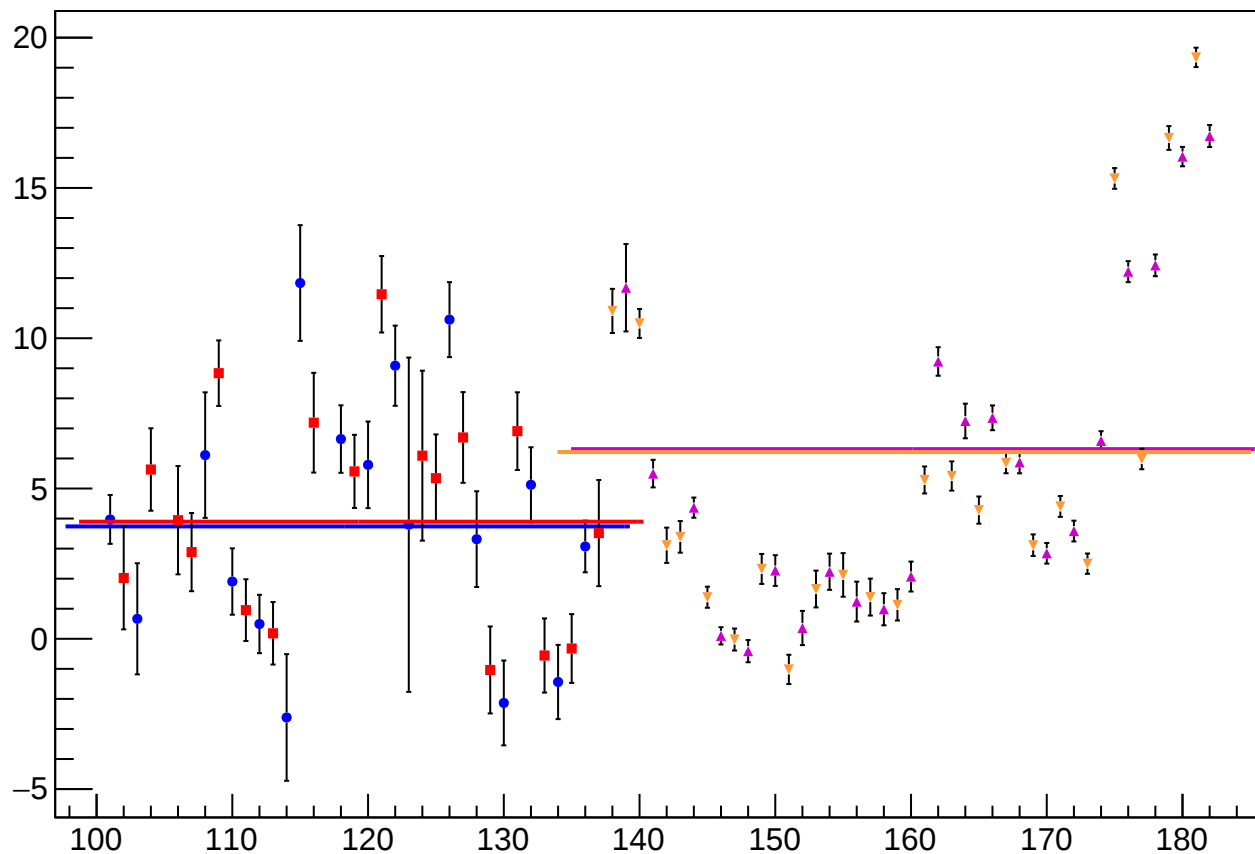
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.026+/-0.108 χ^2/NDF : 8690.4/21

Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

All: -15.126+/-0.077 χ^2/NDF : 17953.8/44

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 6.213 ± 0.089 χ^2/NDF : 4475.0/22

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 6.310 ± 0.087 χ^2/NDF : 3806.8/21

Left: 6.263 ± 0.062 χ^2/NDF : 8282.4/44

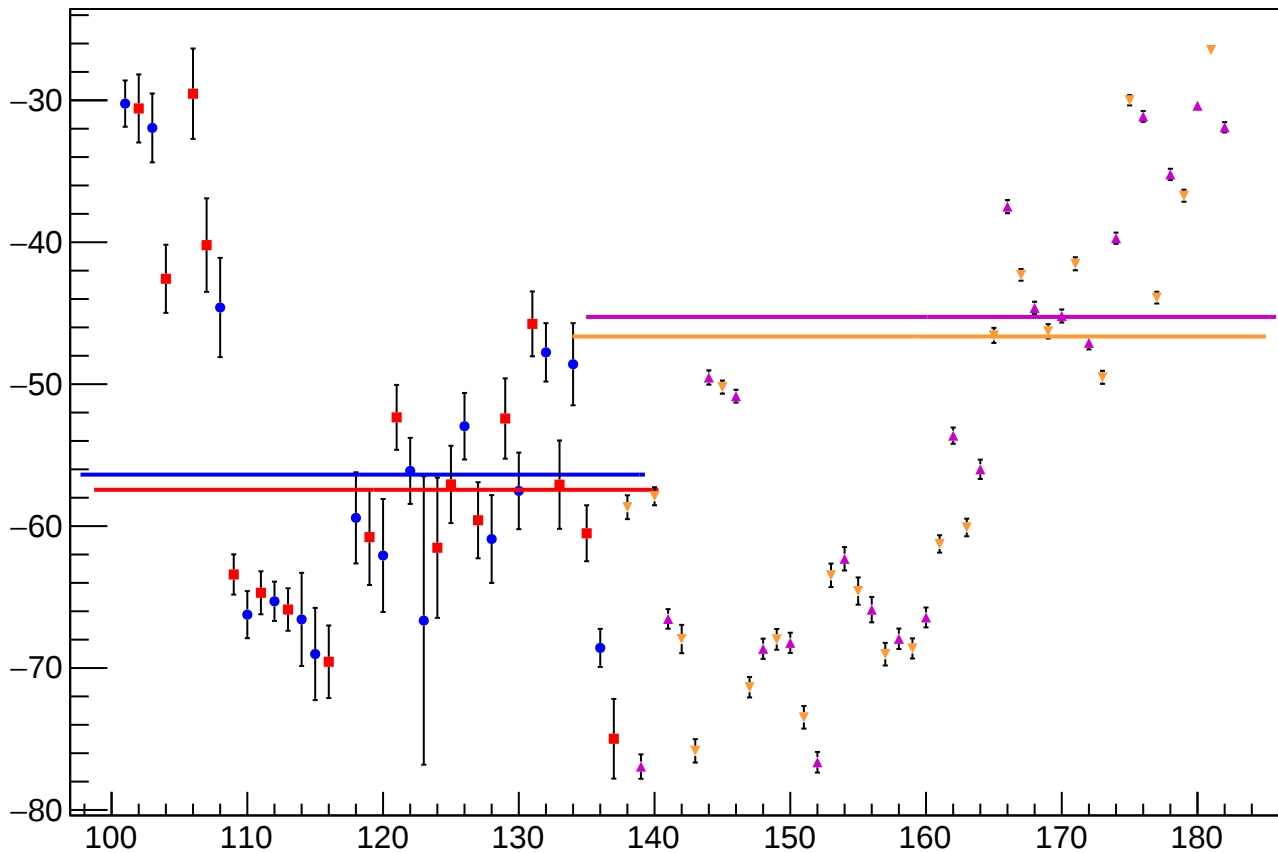
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 6.123 ± 0.083 χ^2/NDF : 4007.9/38

Out: 6.044 ± 0.085 χ^2/NDF : 4659.6/40

All: 6.085 ± 0.060 χ^2/NDF : 8668.0/79

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -46.638 ± 0.112 $\chi^2/\text{NDF}: 16363.3/22$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -45.263 ± 0.108 $\chi^2/\text{NDF}: 15775.6/21$

Left: -45.928 ± 0.078 $\chi^2/\text{NDF}: 32217.2/44$

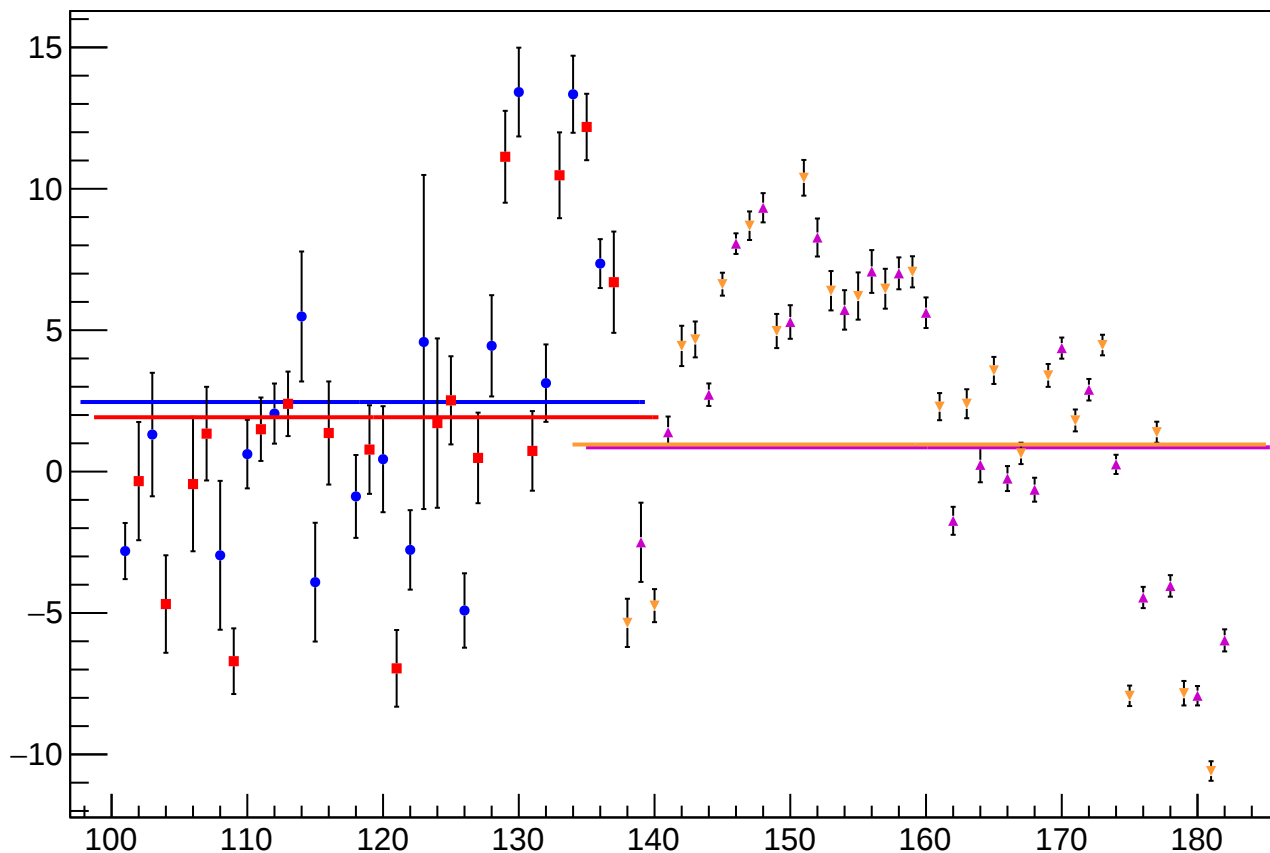
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -45.687 ± 0.106 $\chi^2/\text{NDF}: 16765.9/38$

Out: -47.085 ± 0.109 $\chi^2/\text{NDF}: 17192.2/40$

All: -46.364 ± 0.076 $\chi^2/\text{NDF}: 34042.6/79$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 0.957 ± 0.099 χ^2/NDF : 3501.9/22

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 0.857 ± 0.097 χ^2/NDF : 2672.4/21

Left: 0.906 ± 0.069 χ^2/NDF : 6174.8/44

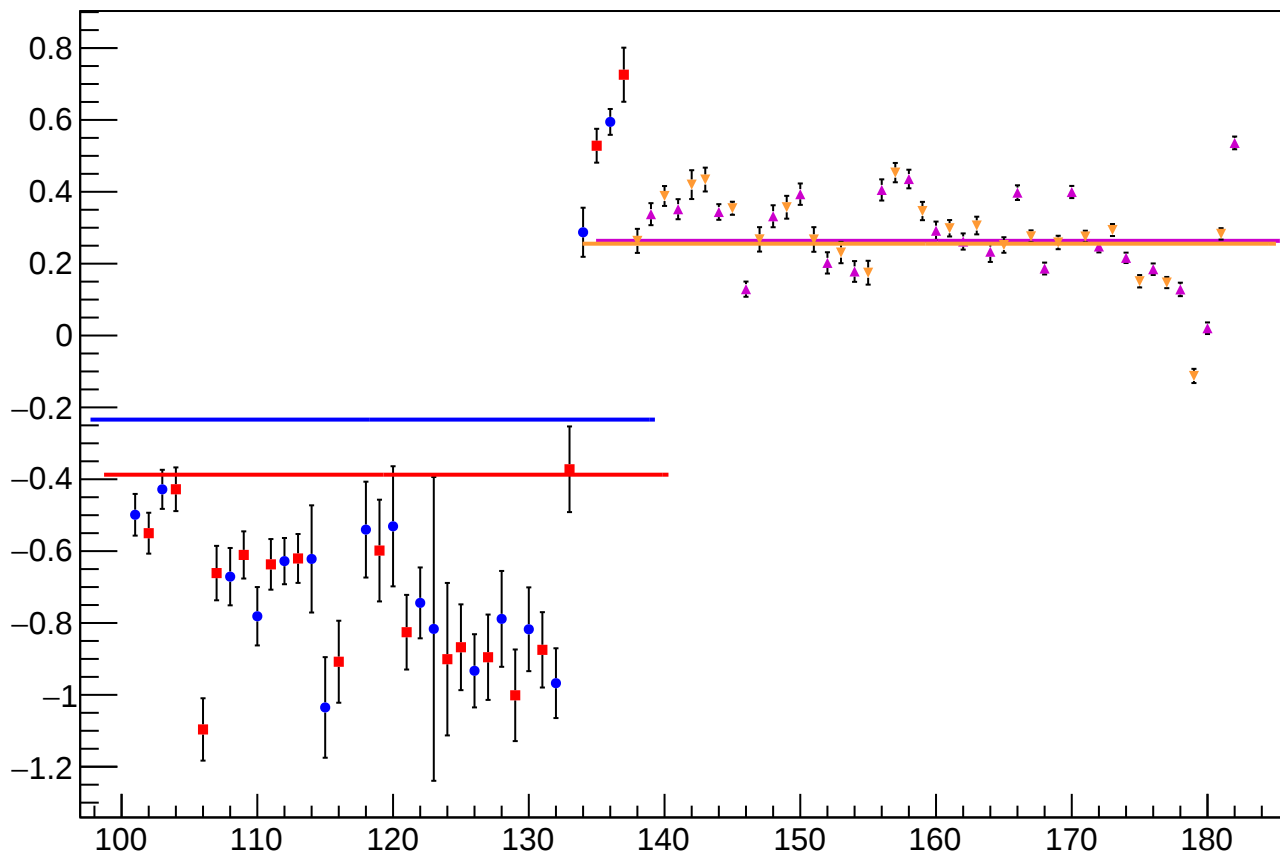
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 0.974 ± 0.094 χ^2/NDF : 2936.2/38

Out: 1.027 ± 0.096 χ^2/NDF : 3773.8/40

All: 1.000 ± 0.067 χ^2/NDF : 6710.2/79

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: 0.256 ± 0.005 χ^2/NDF : 632.6/22

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.264 ± 0.004 χ^2/NDF : 855.9/21

Left: 0.260 ± 0.003 χ^2/NDF : 1490.1/44

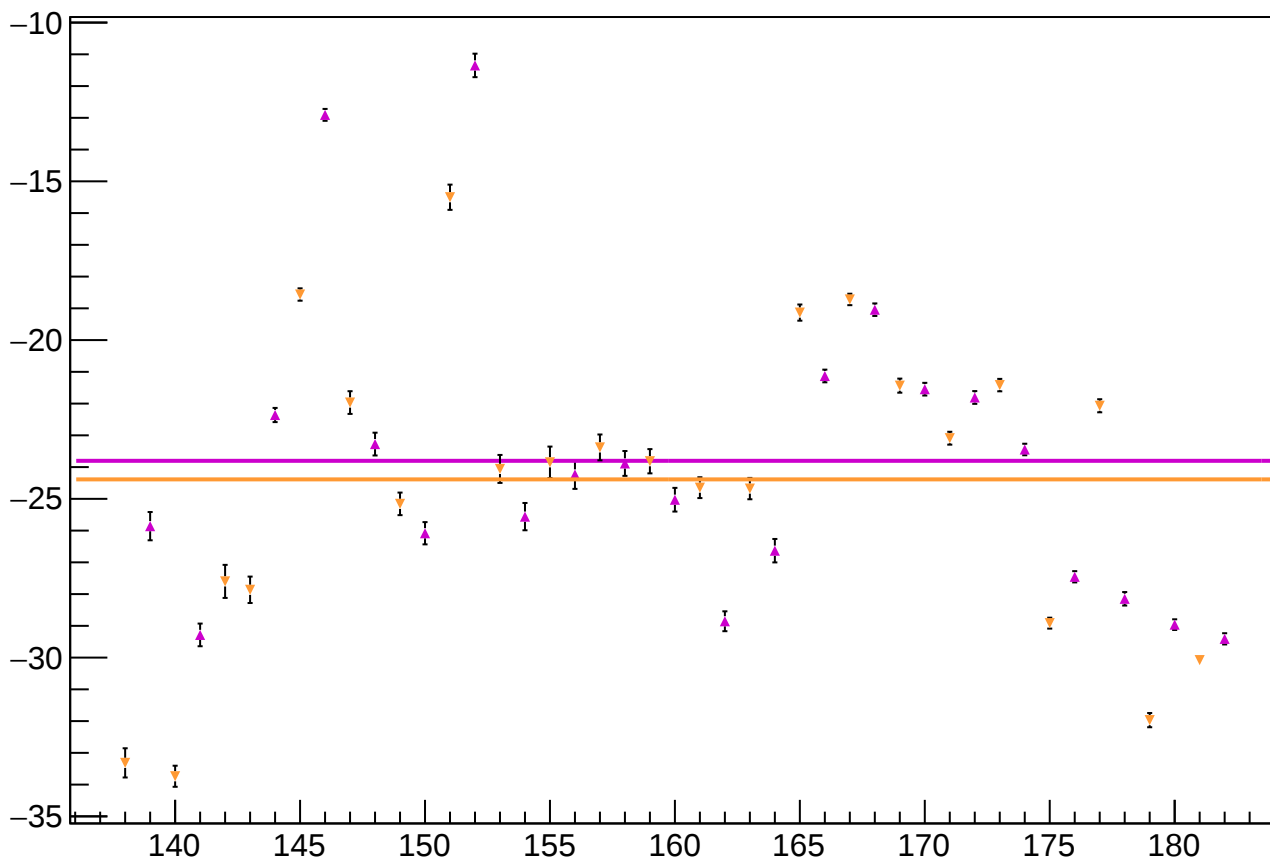
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.237 ± 0.004 χ^2/NDF : 2470.9/38

Out: 0.220 ± 0.004 χ^2/NDF : 2561.0/40

All: 0.229 ± 0.003 χ^2/NDF : 5039.3/79

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -24.387 $\pm$ 0.053 χ^2 /NDF:7962.8/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -23.803 $\pm$ 0.051 χ^2 /NDF:8985.7/21

Left: -24.083 $\pm$ 0.037 χ^2 /NDF: 17010.6/44

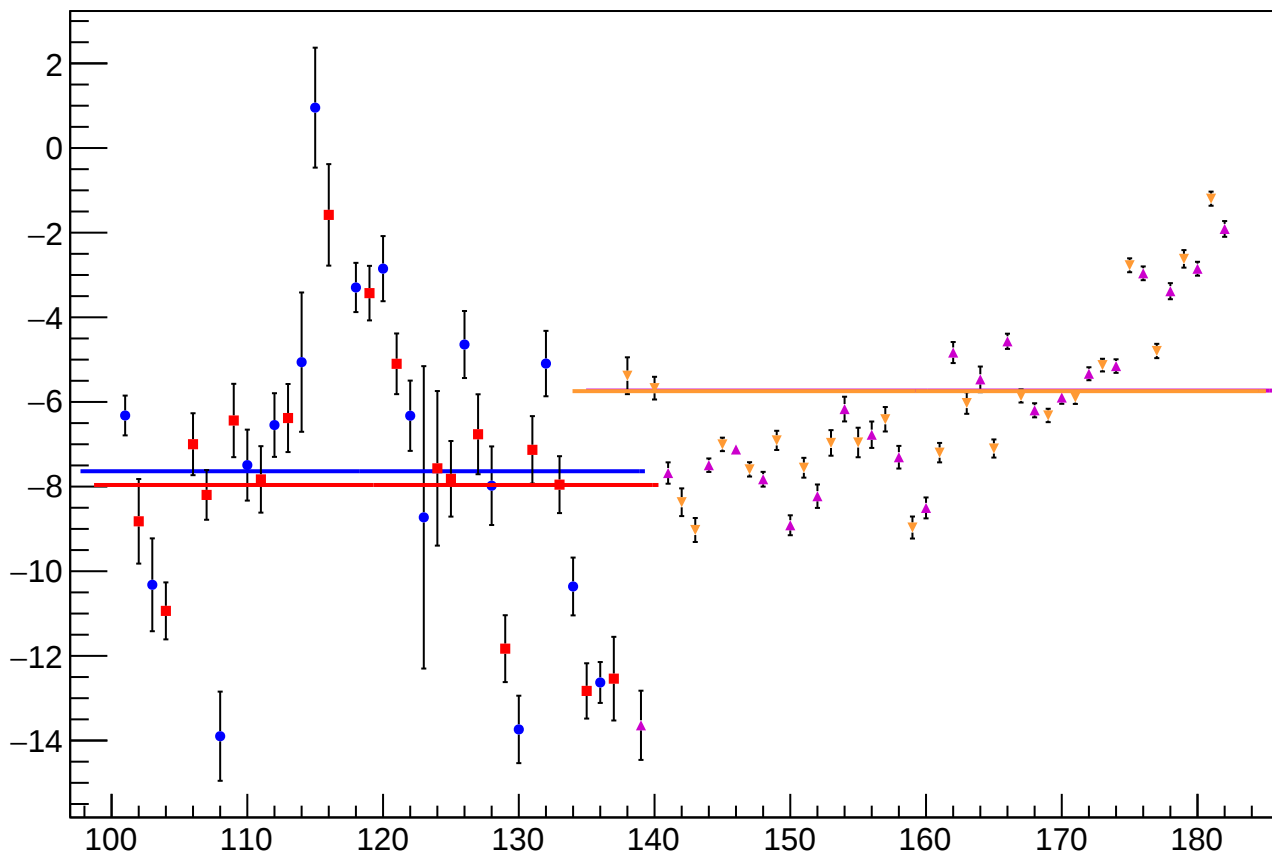
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.803 $\pm$ 0.051 χ^2 /NDF:8985.7/21

Out: -24.387 $\pm$ 0.053 χ^2 /NDF:7962.8/22

All: -24.083 $\pm$ 0.037 χ^2 /NDF: 17010.6/44

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.745 ± 0.042 χ^2/NDF : 2093.3/22

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -5.731 ± 0.041 χ^2/NDF : 2255.7/21

Left: -5.738 ± 0.029 χ^2/NDF : 4349.1/44

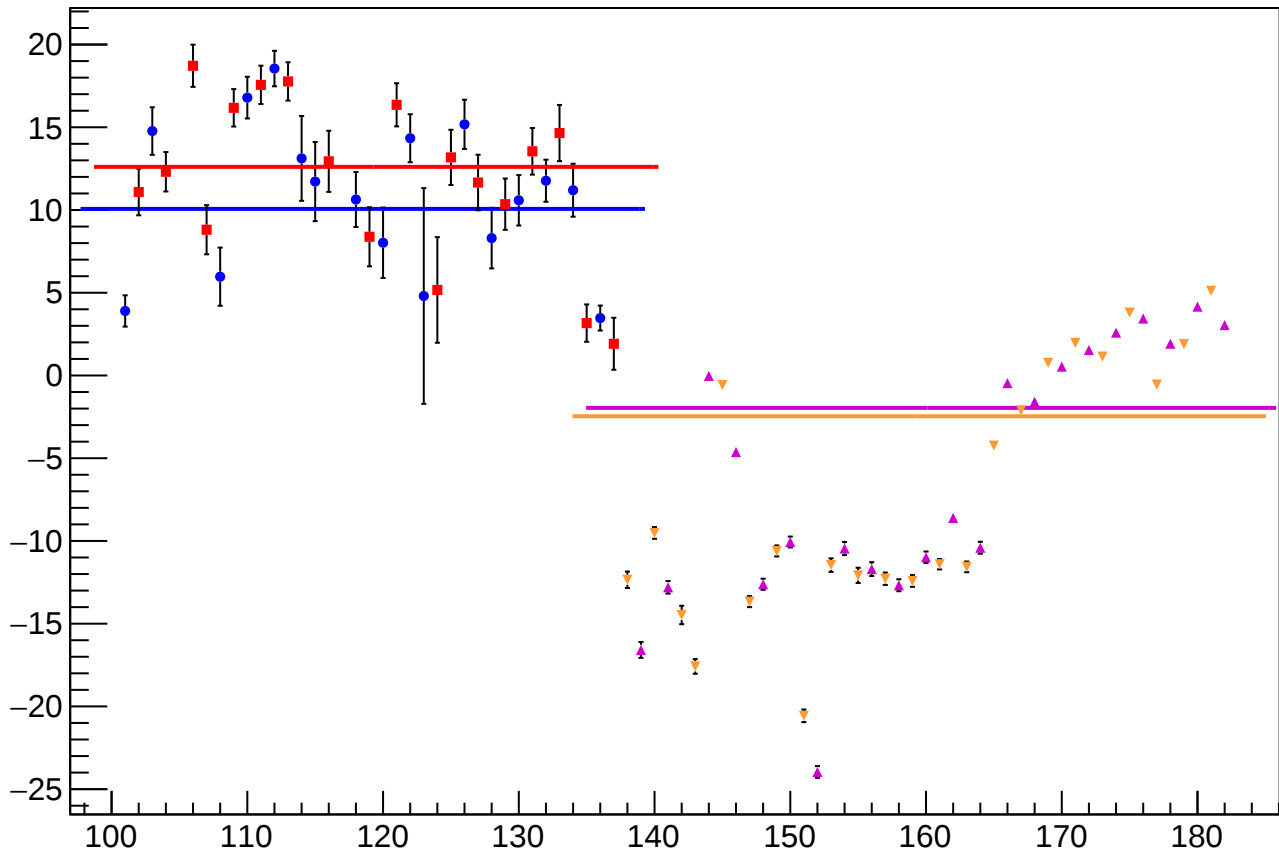
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -5.819 ± 0.040 χ^2/NDF : 2749.9/38

Out: -5.855 ± 0.041 χ^2/NDF : 2455.2/40

All: -5.836 ± 0.029 χ^2/NDF : 5205.5/79

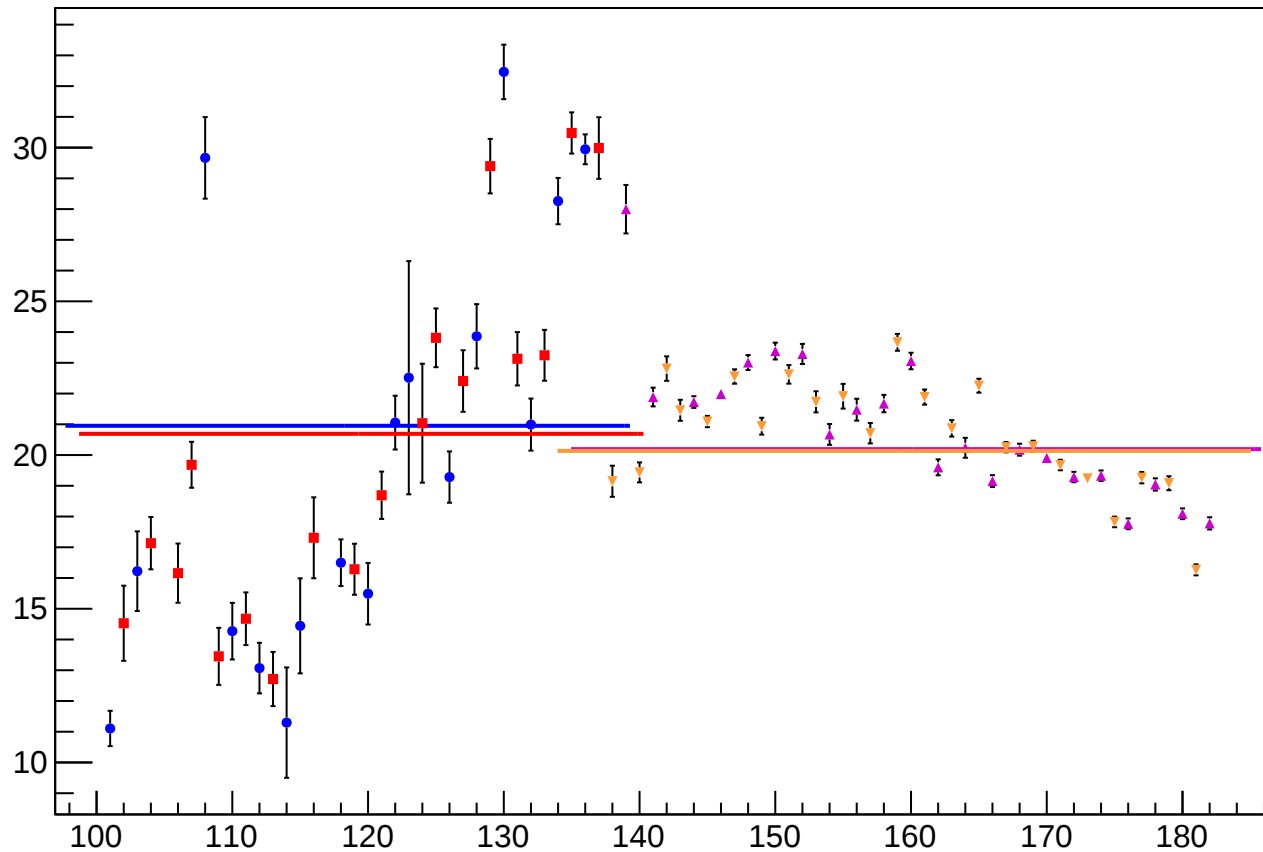
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16
 Left Out: -2.464 ± 0.054 χ^2/NDF : 15640.9/22
 Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17
 Left In: -1.958 ± 0.052 χ^2/NDF : 15492.3/21

Left: -2.200 ± 0.037 χ^2/NDF : 31179.4/44
 Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34
 In: -1.683 ± 0.051 χ^2/NDF : 16987.2/38
 Out: -2.081 ± 0.053 χ^2/NDF : 17855.4/40
 All: -1.874 ± 0.037 χ^2/NDF : 34871.7/79

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.135 $\pm$ 0.048 χ^2 /NDF:1364.4/22

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.191 $\pm$ 0.046 χ^2 /NDF:1469.1/21

Left: 20.164 $\pm$ 0.033 χ^2 /NDF: 2834.2/44

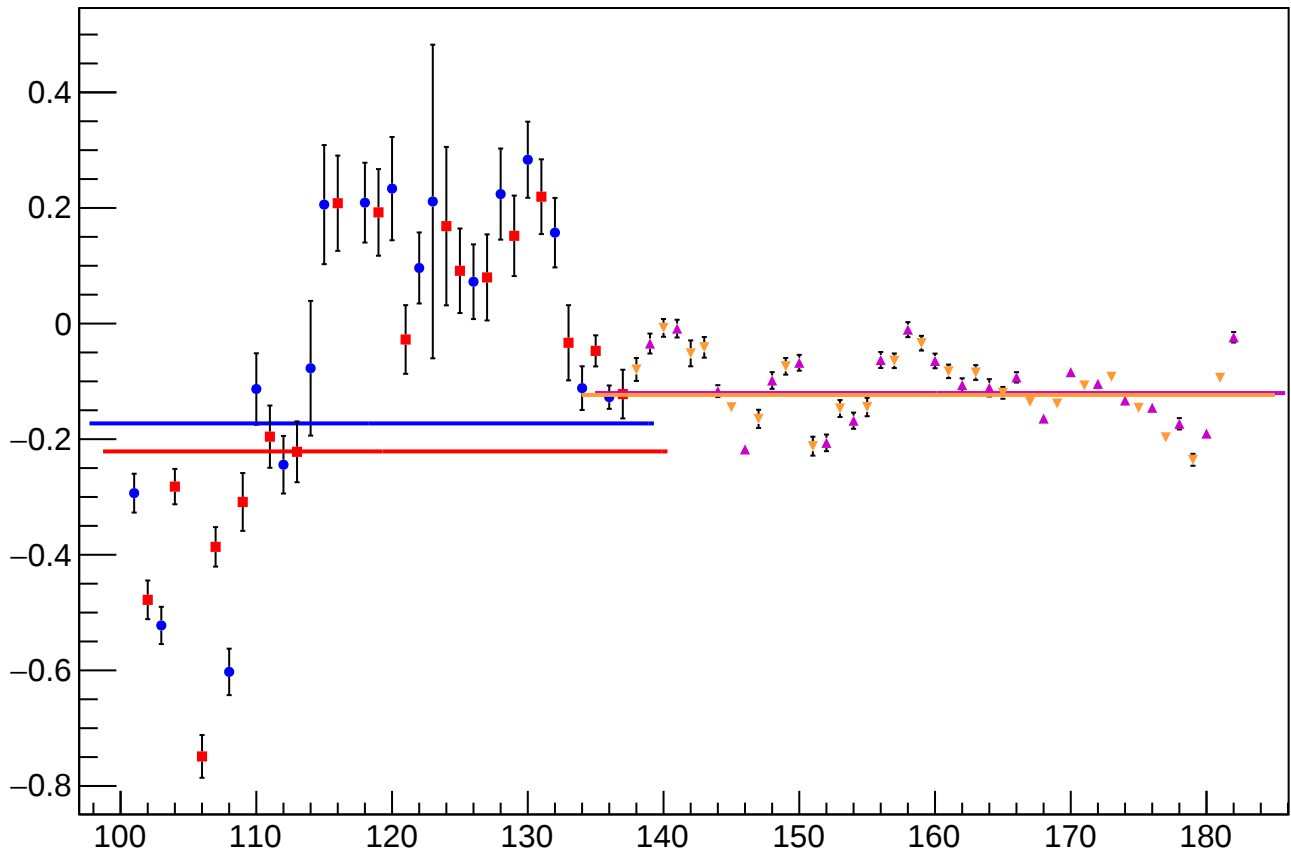
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.226 $\pm$ 0.045 χ^2 /NDF:2704.4/38

Out: 20.162 $\pm$ 0.047 χ^2 /NDF:2097.8/40

All: 20.195 $\pm$ 0.032 χ^2 /NDF: 4803.2/79

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173+/-0.011 χ^2/NDF : 460.3/16

Left Out: -0.123+/-0.002 χ^2/NDF : 502.2/22

Right Out: -0.221+/-0.011 χ^2/NDF : 535.1/17

Left In: -0.120+/-0.002 χ^2/NDF : 688.7/21

Left: -0.122+/-0.002 χ^2/NDF : 1192.0/44

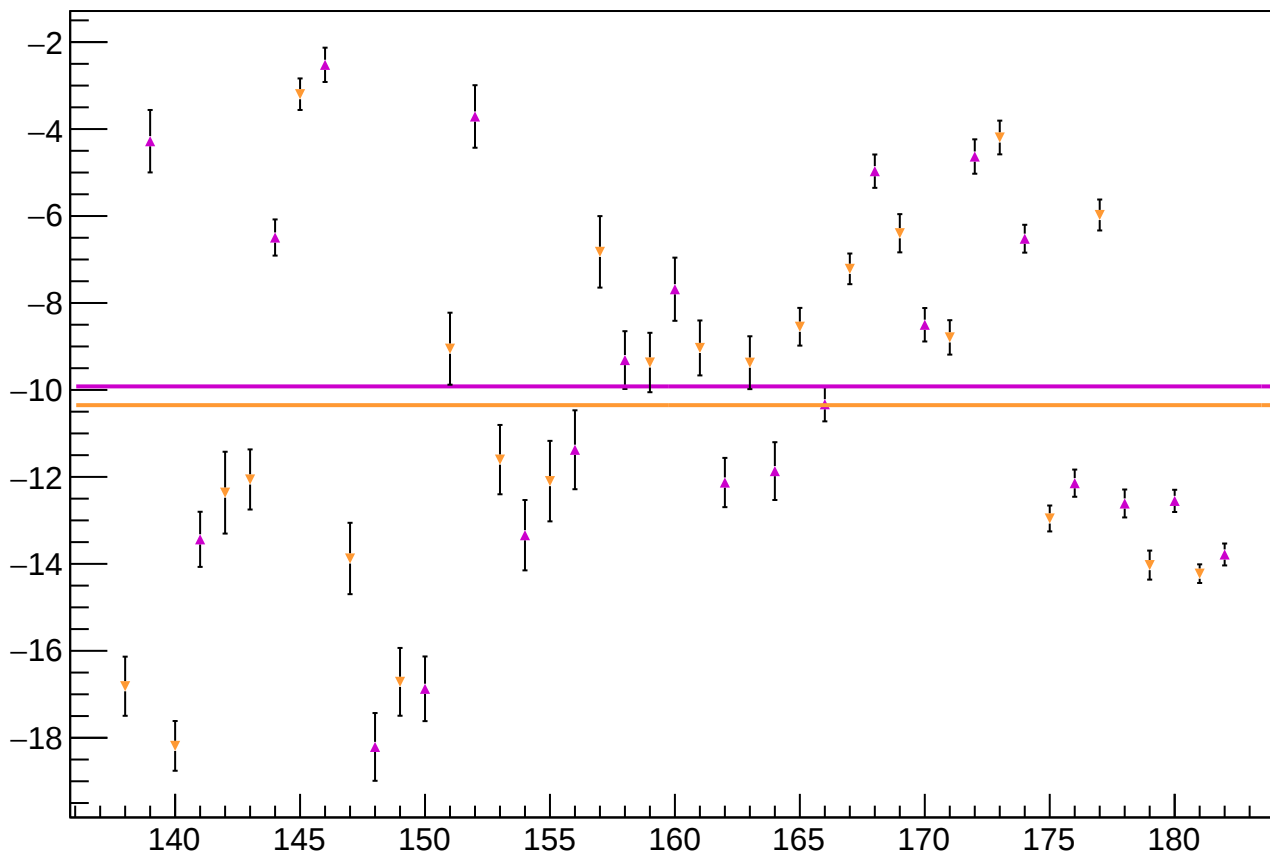
Right: -0.197+/-0.008 χ^2/NDF : 1005.0/34

In: -0.122+/-0.002 χ^2/NDF : 1170.3/38

Out: -0.127+/-0.002 χ^2/NDF : 1113.8/40

All: -0.125+/-0.001 χ^2/NDF : 2287.0/79

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: -10.350+/-0.094 χ^2/NDF :1918.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Left: -10.127+/-0.065 χ^2/NDF : 3706.2/44

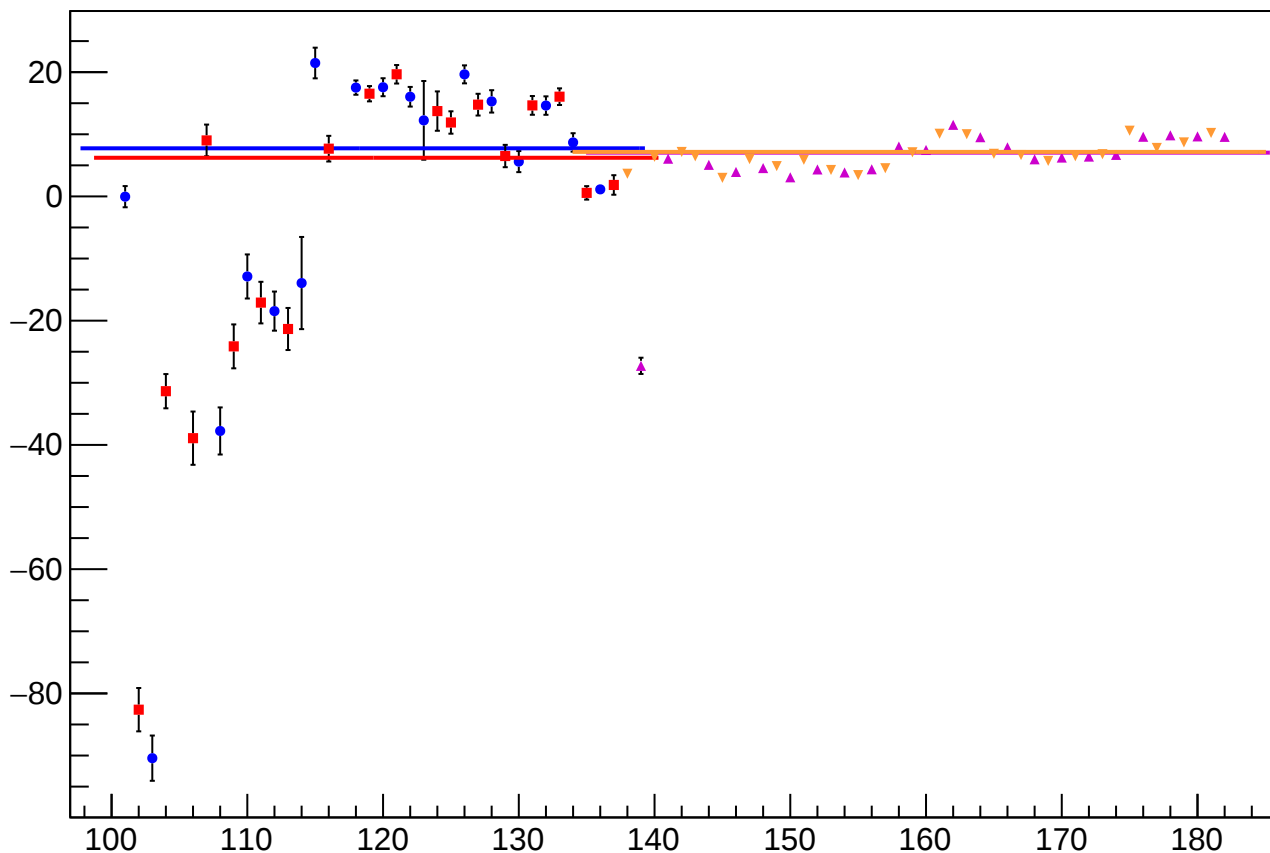
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Out: -10.350+/-0.094 χ^2/NDF :1918.9/22

All: -10.127+/-0.065 χ^2/NDF : 3706.2/44

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 7.166 ± 0.077 χ^2/NDF : 817.8/22

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 7.042 ± 0.075 χ^2/NDF : 1604.6/21

Left: 7.102 ± 0.054 χ^2/NDF : 2423.7/44

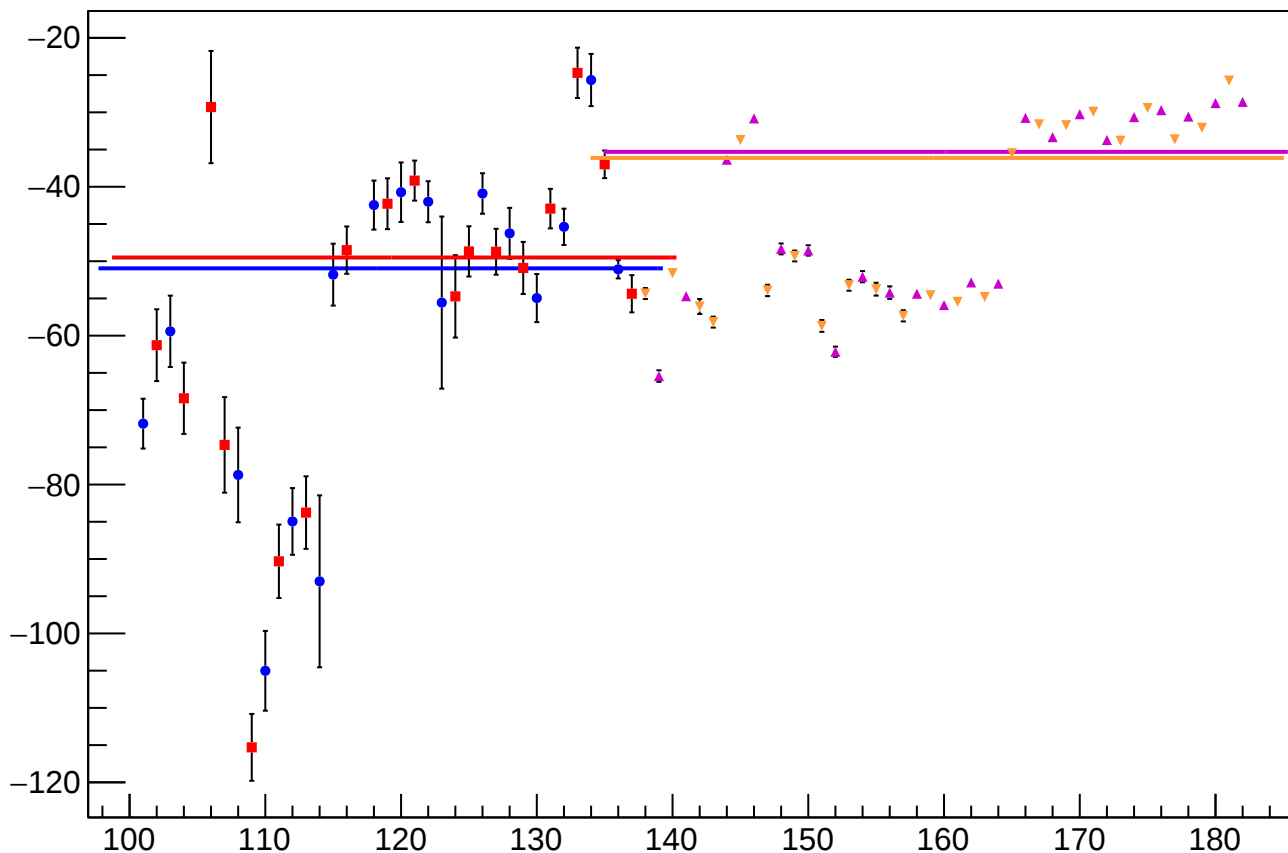
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 7.066 ± 0.074 χ^2/NDF : 2966.4/38

Out: 7.137 ± 0.076 χ^2/NDF : 2268.3/40

All: 7.100 ± 0.053 χ^2/NDF : 5235.2/79

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



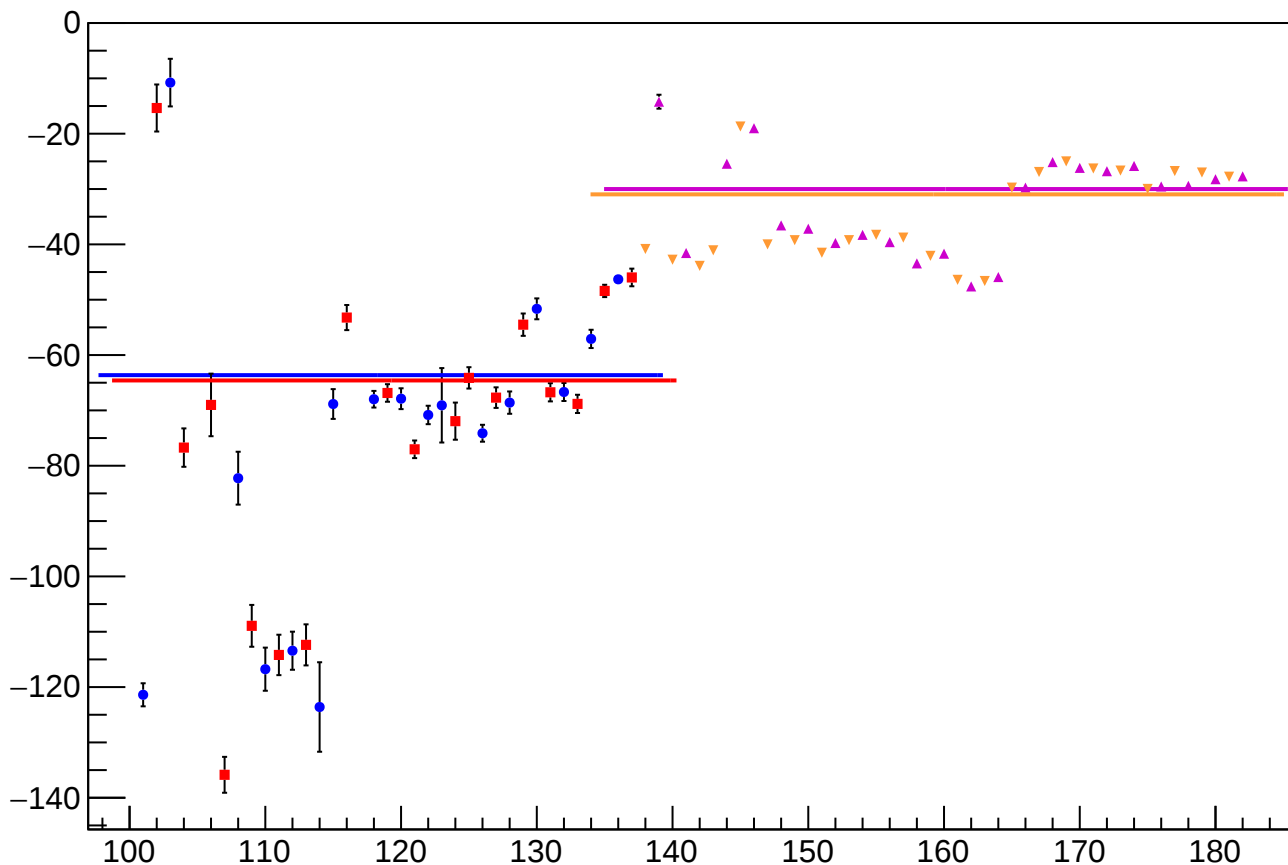
Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16
 Left Out: -36.125 ± 0.095 χ^2/NDF : 12294.4/22
 Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17
 Left In: -35.310 ± 0.091 χ^2/NDF : 11759.7/21

Left: -35.703 ± 0.066 χ^2/NDF : 24092.4/44
 Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -35.546 ± 0.091 χ^2/NDF : 12534.0/38
 Out: -36.311 ± 0.094 χ^2/NDF : 13078.0/40

All: -35.914 ± 0.065 χ^2/NDF : 25646.2/79

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -30.963 ± 0.086 χ^2/NDF : 7699.7/22

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -30.001 ± 0.083 χ^2/NDF : 7041.7/21

Left: -30.468 ± 0.060 χ^2/NDF : 14806.0/44

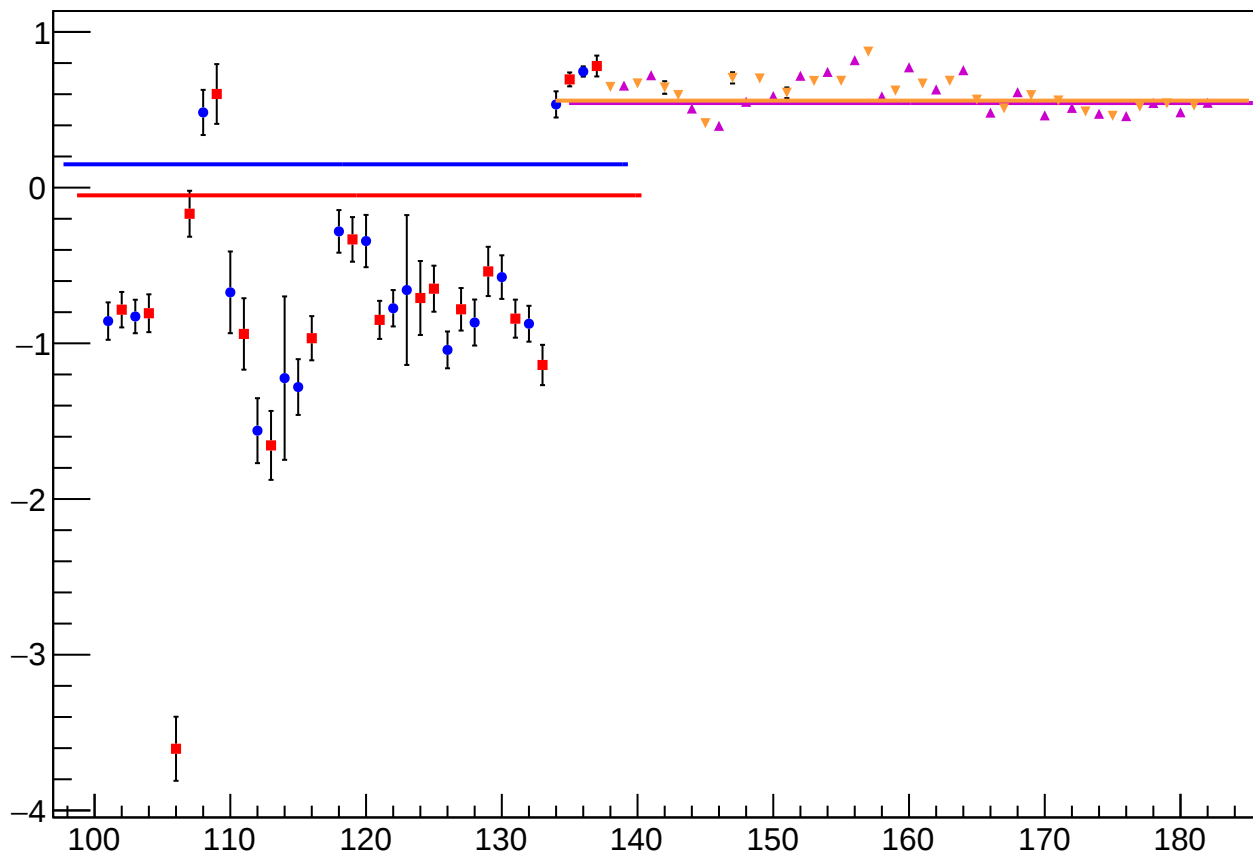
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -31.138 ± 0.082 χ^2/NDF : 14550.3/38

Out: -31.996 ± 0.085 χ^2/NDF : 14008.6/40

All: -31.554 ± 0.059 χ^2/NDF : 28612.0/79

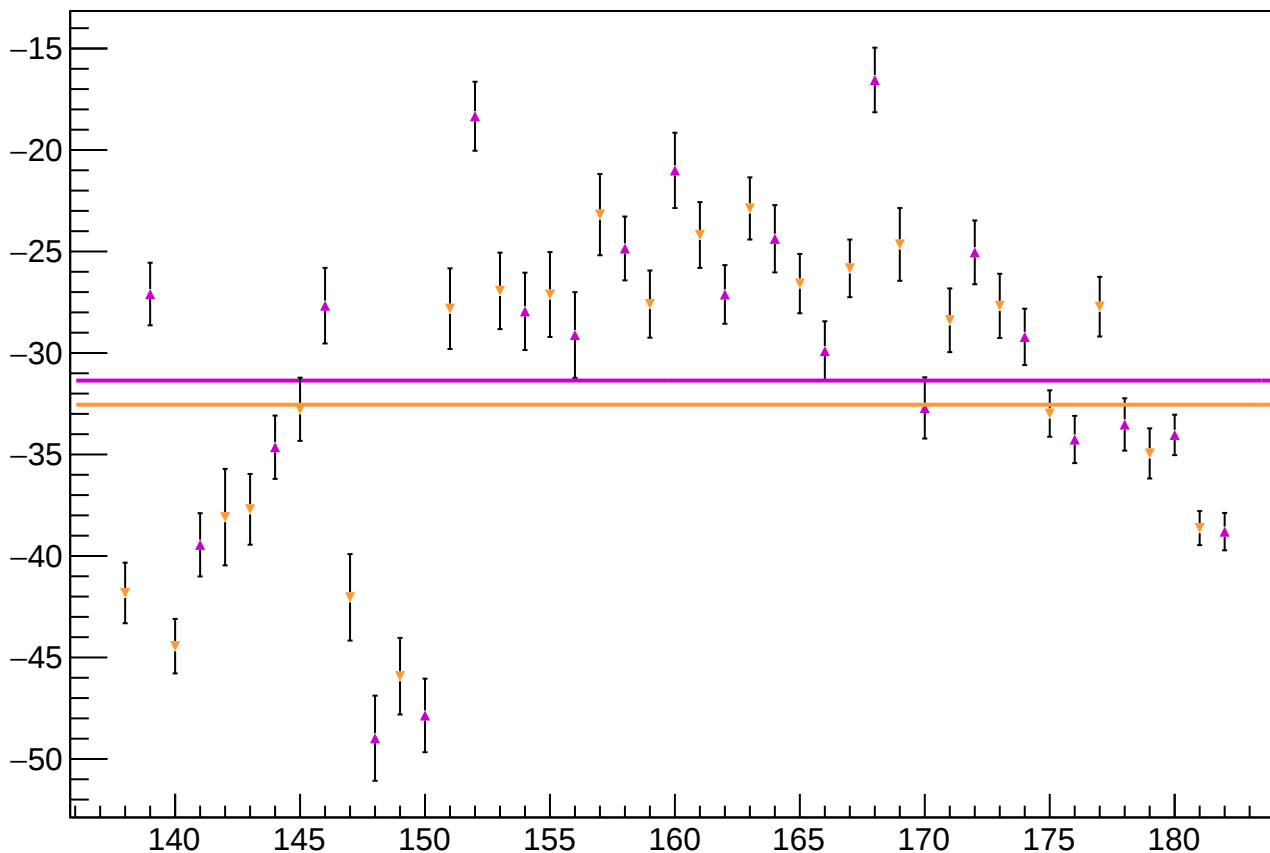
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.559 ± 0.004 χ^2/NDF : 518.5/22
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.543 ± 0.004 χ^2/NDF : 658.9/21

Left: 0.551 ± 0.003 χ^2/NDF : 1185.5/44
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.533 ± 0.004 χ^2/NDF : 1910.5/38
 Out: 0.545 ± 0.004 χ^2/NDF : 2198.7/40
 All: 0.539 ± 0.003 χ^2/NDF : 4114.1/79

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.548+/-0.316 χ^2/NDF :462.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.359+/-0.313 χ^2/NDF :522.6/21

Left: -31.948+/-0.223 χ^2/NDF : 992.1/44

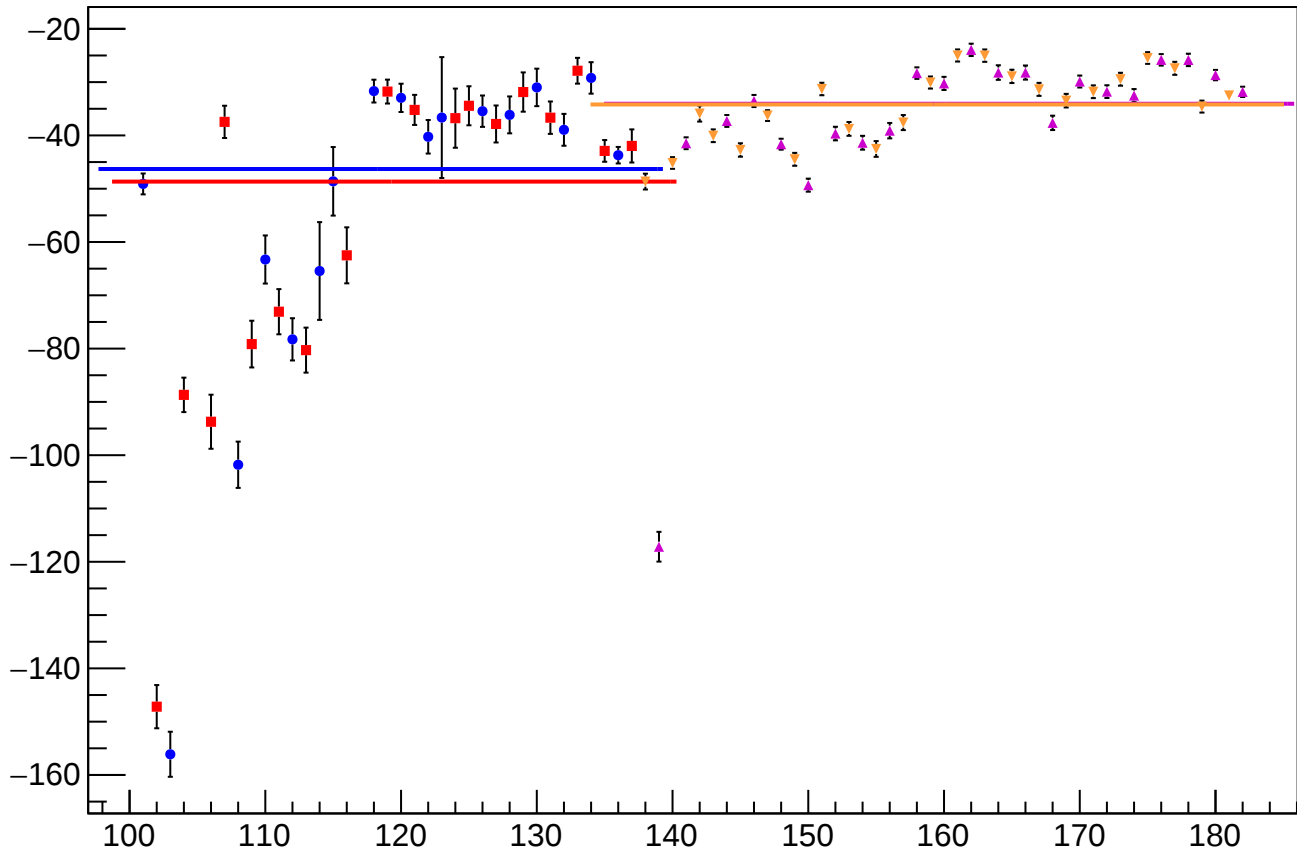
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.359+/-0.313 χ^2/NDF :522.6/21

Out: -32.548+/-0.316 χ^2/NDF :462.4/22

All: -31.948+/-0.223 χ^2/NDF : 992.1/44

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: -34.193 ± 0.250 $\chi^2/\text{NDF}: 679.0/22$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -34.057 ± 0.253 $\chi^2/\text{NDF}: 1534.7/21$

Left: -34.126 ± 0.178 $\chi^2/\text{NDF}: 2213.9/44$

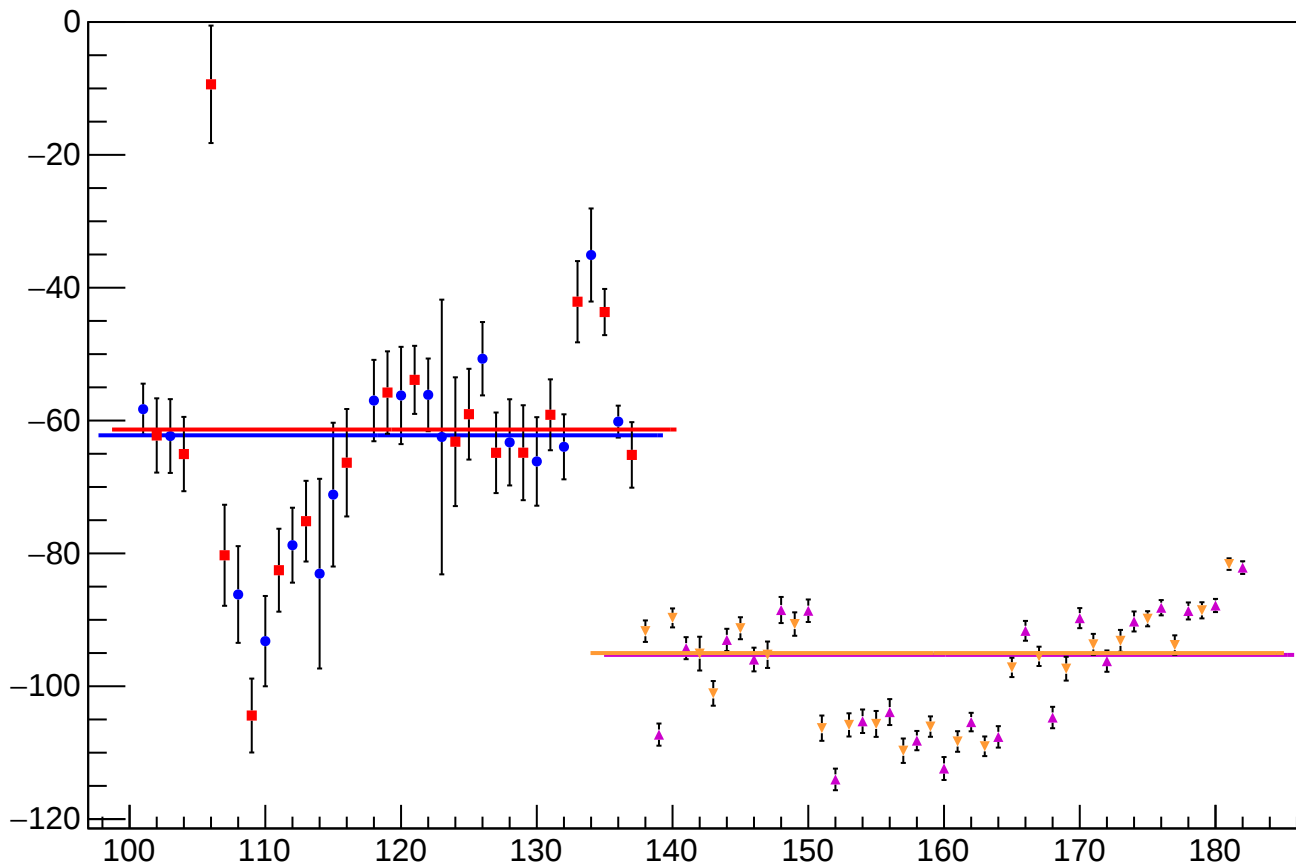
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -35.394 ± 0.239 $\chi^2/\text{NDF}: 2873.9/38$

Out: -35.593 ± 0.237 $\chi^2/\text{NDF}: 2216.0/40$

All: -35.494 ± 0.168 $\chi^2/\text{NDF}: 5090.2/79$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -95.002 ± 0.317 χ^2/NDF : 714.3/22

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -95.280 ± 0.312 χ^2/NDF : 929.2/21

Left: -95.143 ± 0.222 χ^2/NDF : 1643.8/44

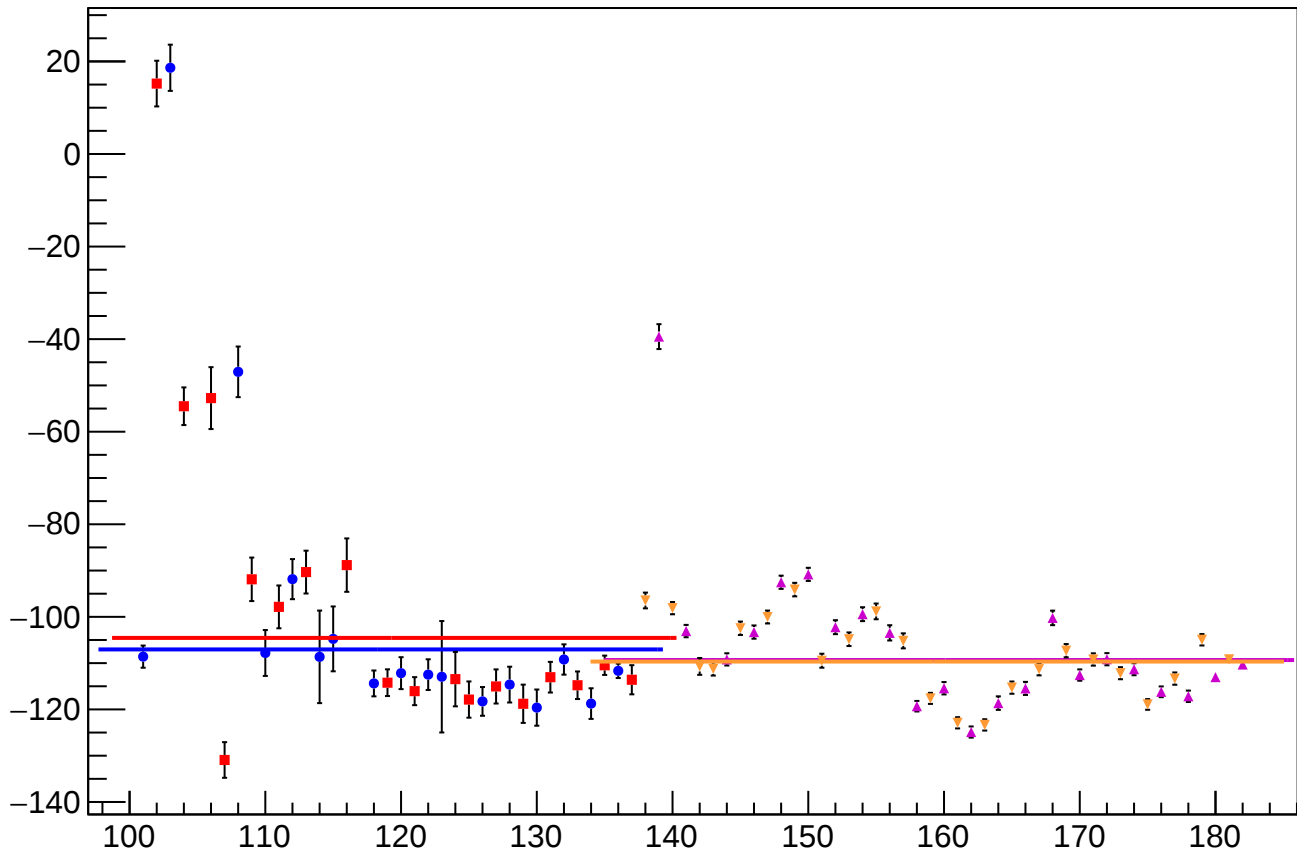
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -93.507 ± 0.304 χ^2/NDF : 1597.7/38

Out: -93.326 ± 0.309 χ^2/NDF : 1435.4/40

All: -93.418 ± 0.217 χ^2/NDF : 3033.2/79

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -109.660 ± 0.282 $\chi^2/\text{NDF}: 782.7/22$

Right Out: -104.550 ± 0.861 $\chi^2/\text{NDF}: 967.4/17$

Left In: -109.337 ± 0.283 $\chi^2/\text{NDF}: 1557.2/21$

Left: -109.499 ± 0.200 $\chi^2/\text{NDF}: 2340.5/44$

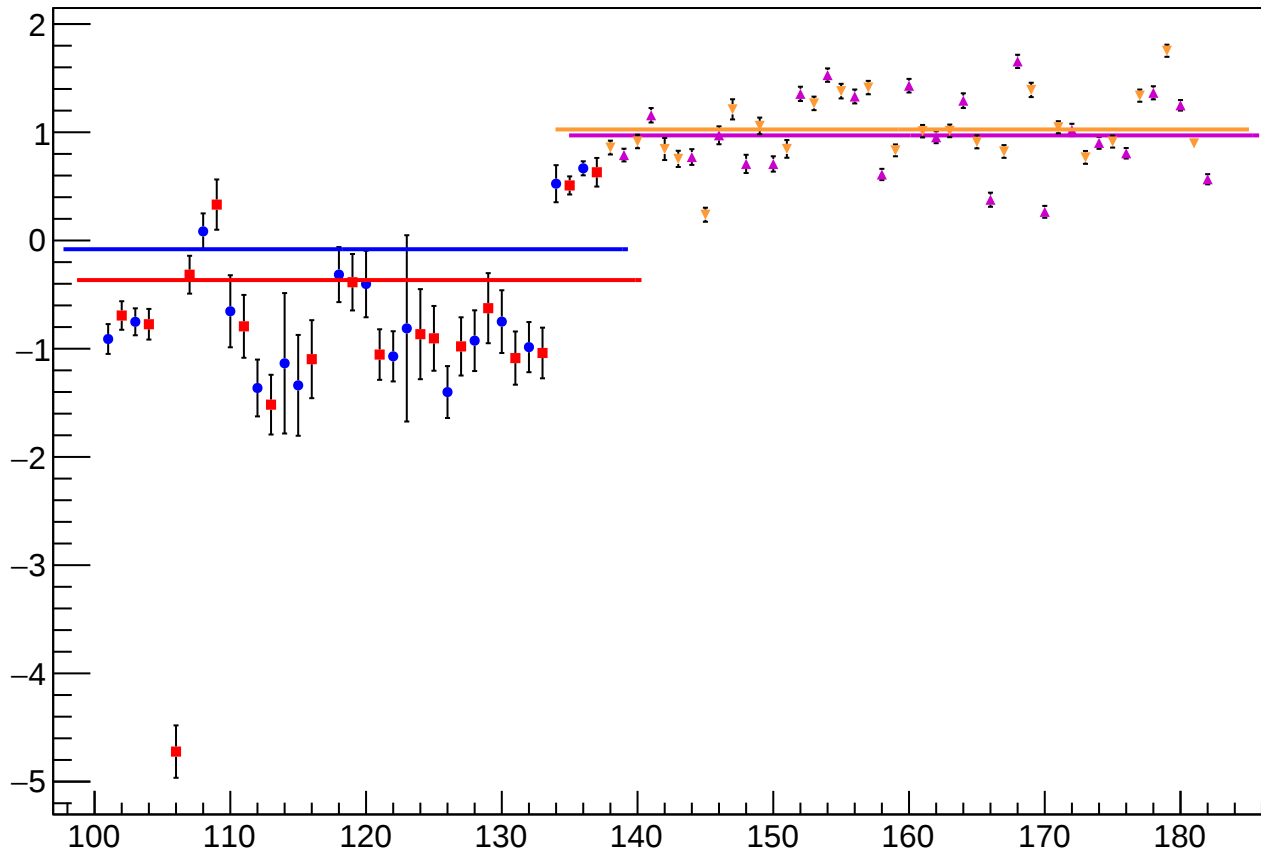
Right: -105.867 ± 0.591 $\chi^2/\text{NDF}: 1799.7/34$

In: -109.089 ± 0.267 $\chi^2/\text{NDF}: 2392.2/38$

Out: -109.165 ± 0.268 $\chi^2/\text{NDF}: 1782.0/40$

All: -109.127 ± 0.189 $\chi^2/\text{NDF}: 4174.2/79$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 1.026 ± 0.013 χ^2/NDF : 552.0/22

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.971 ± 0.013 χ^2/NDF : 852.9/21

Left: 0.998 ± 0.009 χ^2/NDF : 1414.1/44

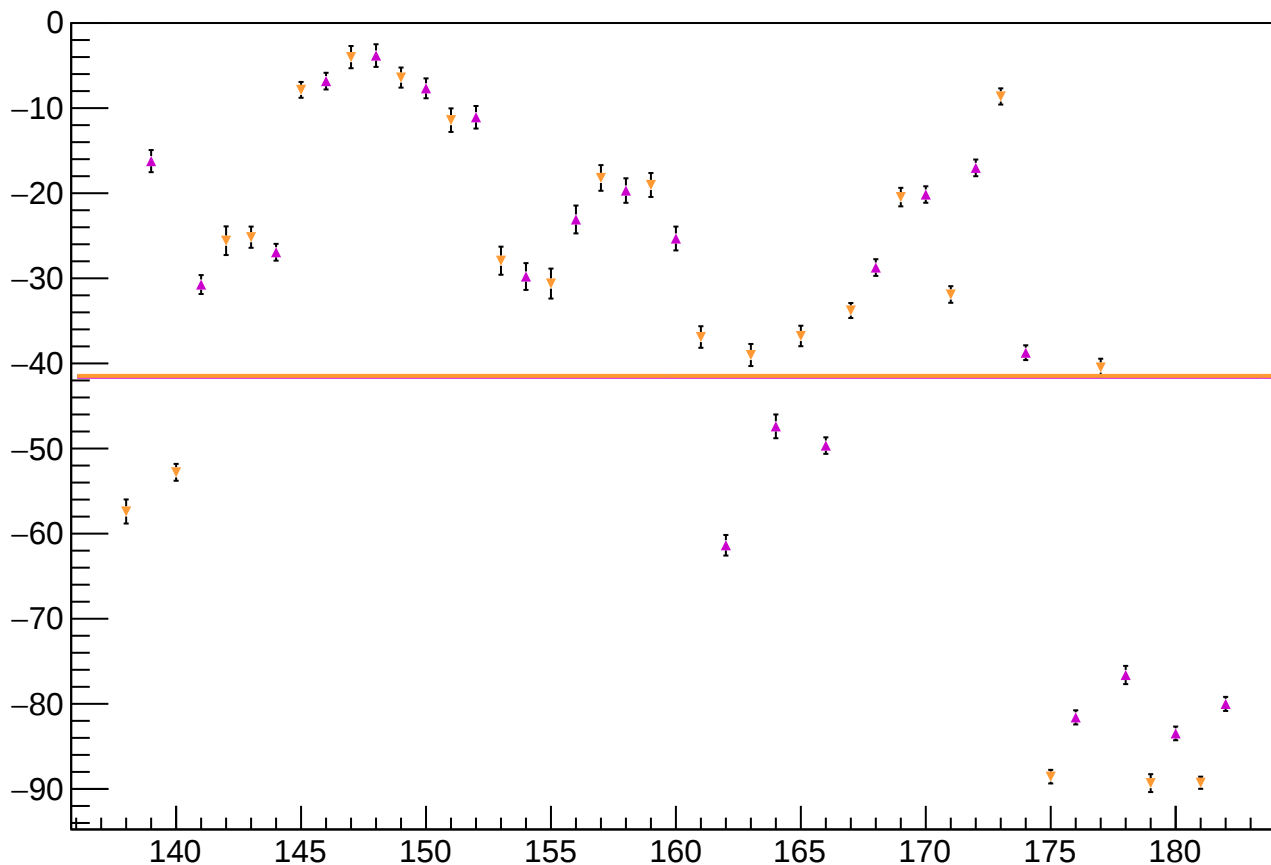
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.883 ± 0.012 χ^2/NDF : 1750.8/38

Out: 0.915 ± 0.012 χ^2/NDF : 2045.1/40

All: 0.898 ± 0.009 χ^2/NDF : 3799.3/79

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.463+/-0.231 χ^2/NDF :16387.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Left: -41.513+/-0.163 χ^2/NDF : 30975.4/44

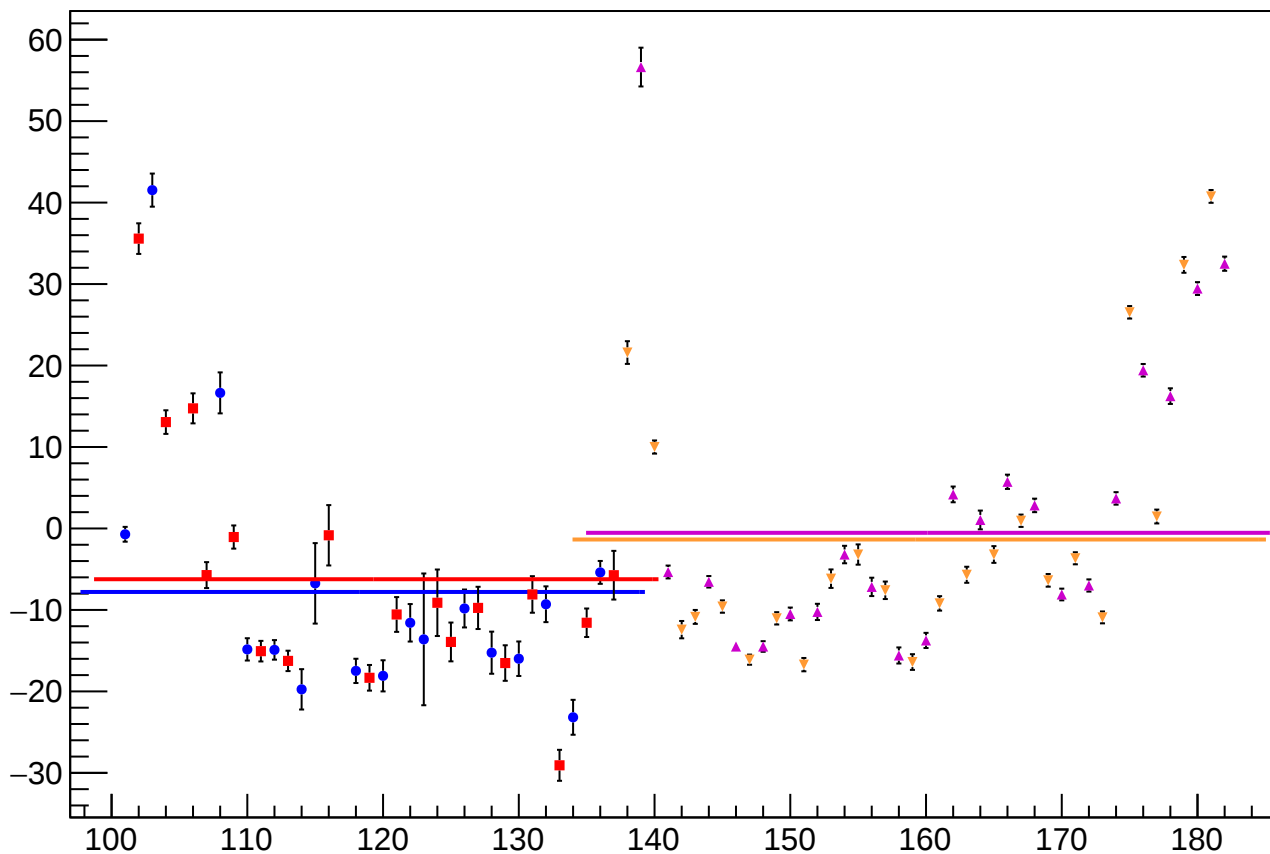
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Out: -41.463+/-0.231 χ^2/NDF :16387.1/22

All: -41.513+/-0.163 χ^2/NDF : 30975.4/44

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -1.355 ± 0.179 χ^2/NDF : 7910.5/22

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -0.534 ± 0.180 χ^2/NDF : 6556.8/21

Left: -0.947 ± 0.127 χ^2/NDF : 14477.8/44

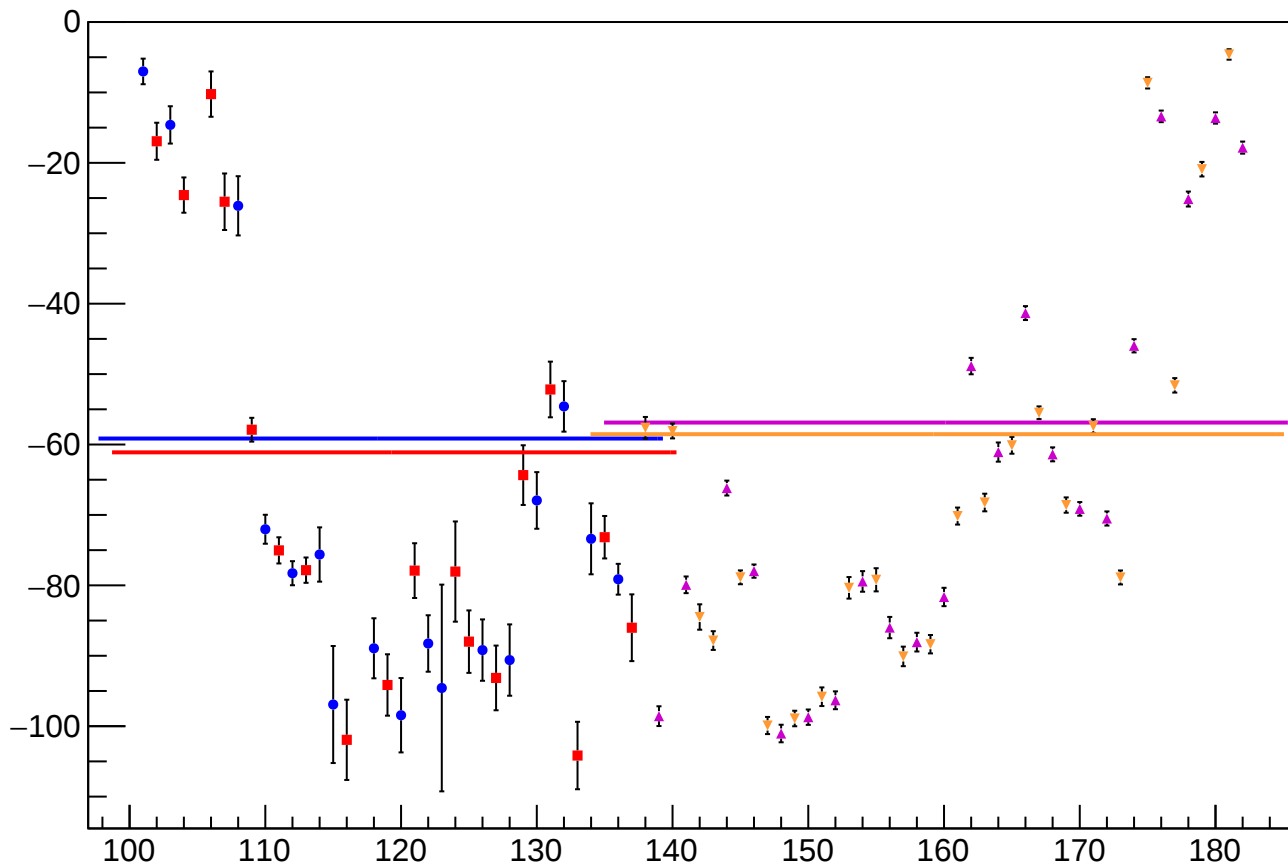
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -1.624 ± 0.166 χ^2/NDF : 7784.1/38

Out: -2.074 ± 0.165 χ^2/NDF : 9203.2/40

All: -1.850 ± 0.117 χ^2/NDF : 16991.0/79

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -58.534 ± 0.232 χ^2/NDF : 17004.1/22

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -56.880 ± 0.228 χ^2/NDF : 16518.3/21

Left: -57.695 ± 0.163 χ^2/NDF : 33548.2/44

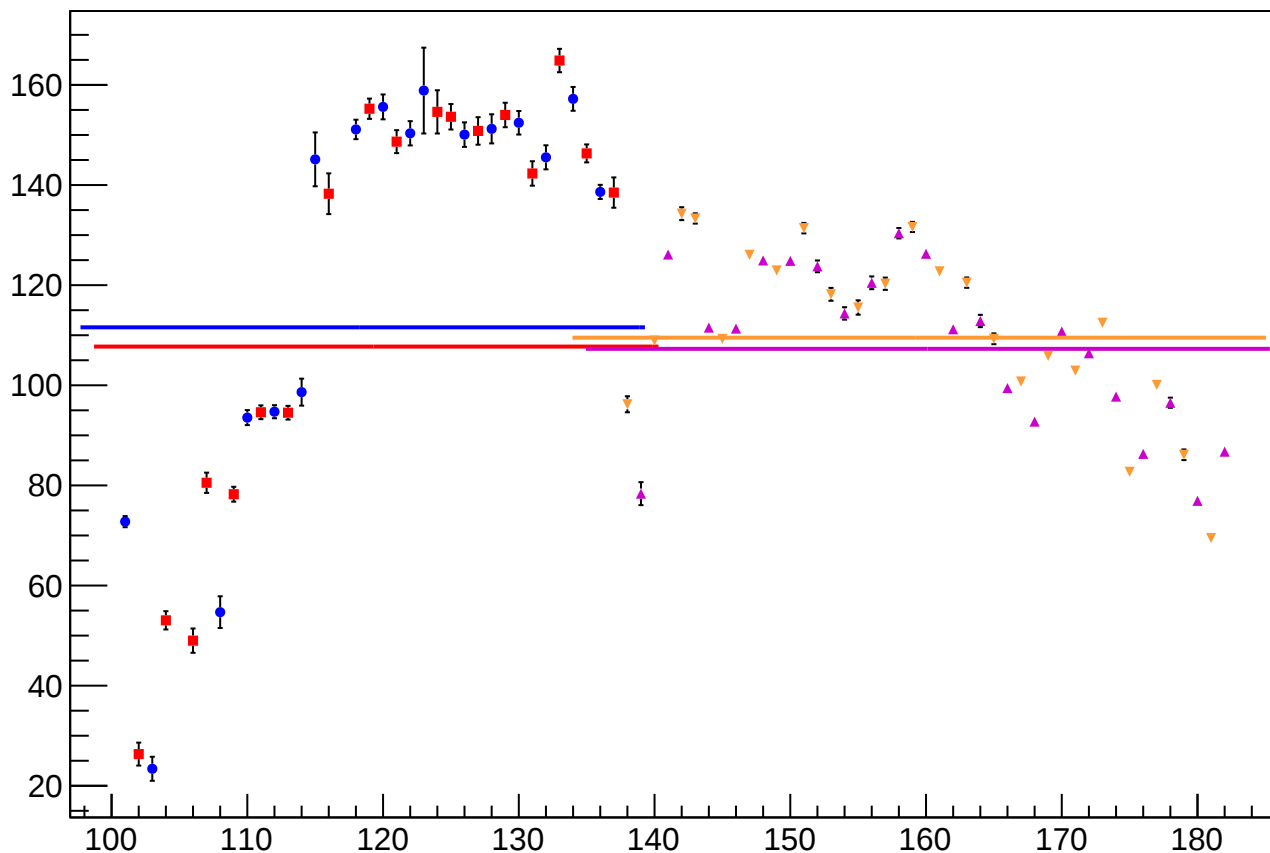
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -57.075 ± 0.218 χ^2/NDF : 18245.1/38

Out: -58.784 ± 0.220 χ^2/NDF : 18333.9/40

All: -57.922 ± 0.155 χ^2/NDF : 36609.4/79

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 109.510 $\pm$ 0.203 χ^2 /NDF: 7069.4/22

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 107.282 $\pm$ 0.203 χ^2 /NDF: 5576.2/21

Left: 108.396 $\pm$ 0.144 χ^2 /NDF: 12705.7/44

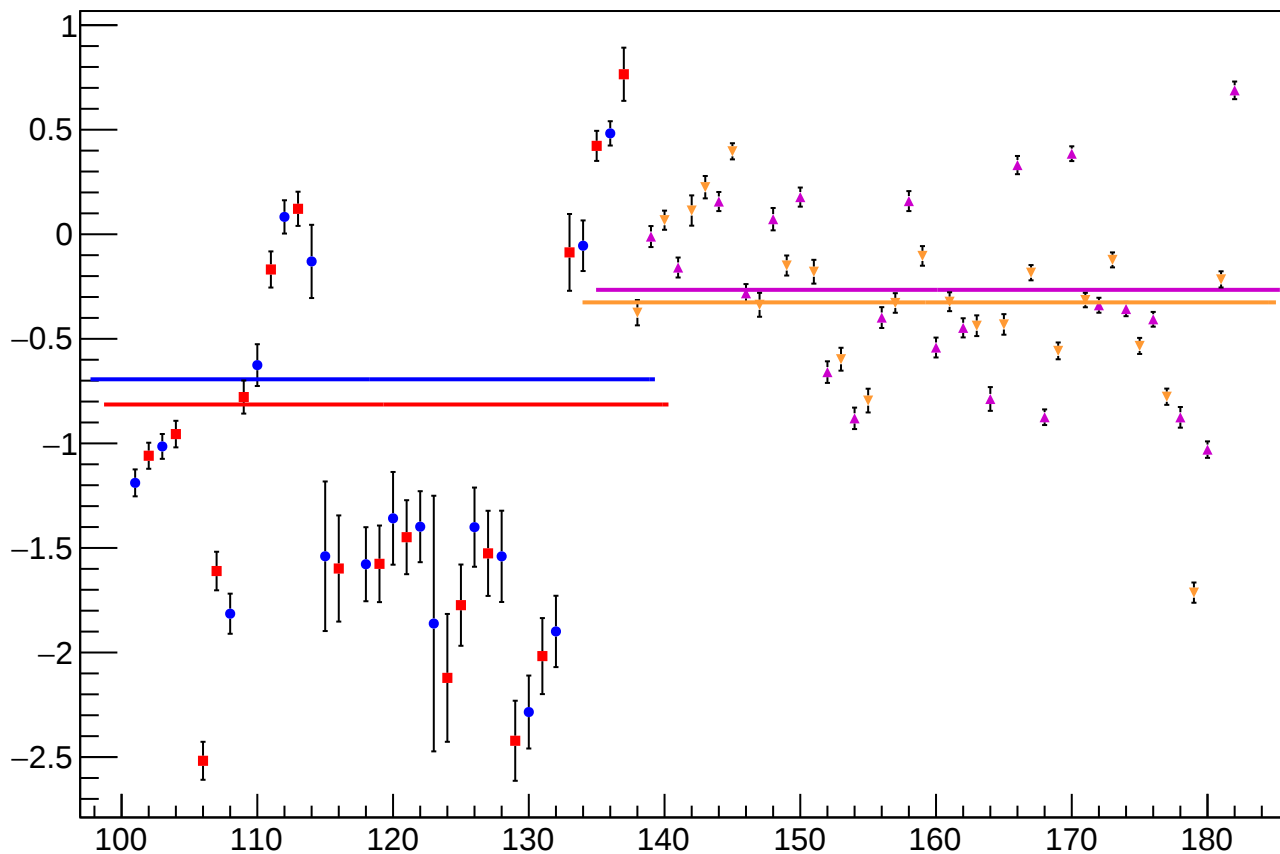
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 107.918 $\pm$ 0.188 χ^2 /NDF: 11588.4/38

Out: 109.248 $\pm$ 0.188 χ^2 /NDF: 13916.8/40

All: 108.583 $\pm$ 0.133 χ^2 /NDF: 25530.3/79

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.326 ± 0.009 χ^2/NDF : 1788.1/22

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.266 ± 0.009 χ^2/NDF : 2531.2/21

Left: -0.295 ± 0.007 χ^2/NDF : 4339.9/44

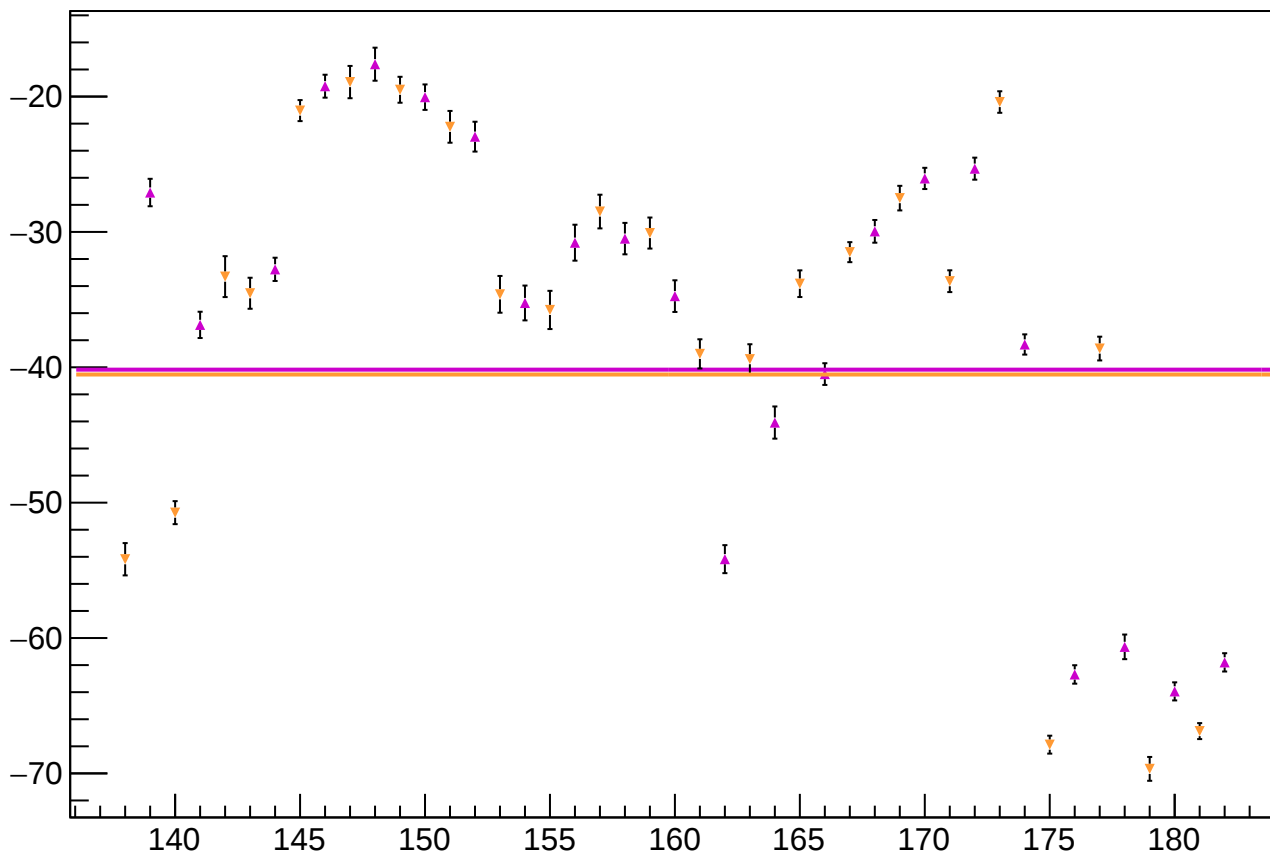
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.315 ± 0.009 χ^2/NDF : 3765.2/38

Out: -0.389 ± 0.009 χ^2/NDF : 3443.5/40

All: -0.352 ± 0.006 χ^2/NDF : 7244.0/79

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.533+/-0.194 χ^2/NDF :8128.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Left: -40.351+/-0.136 χ^2/NDF : 15087.9/44

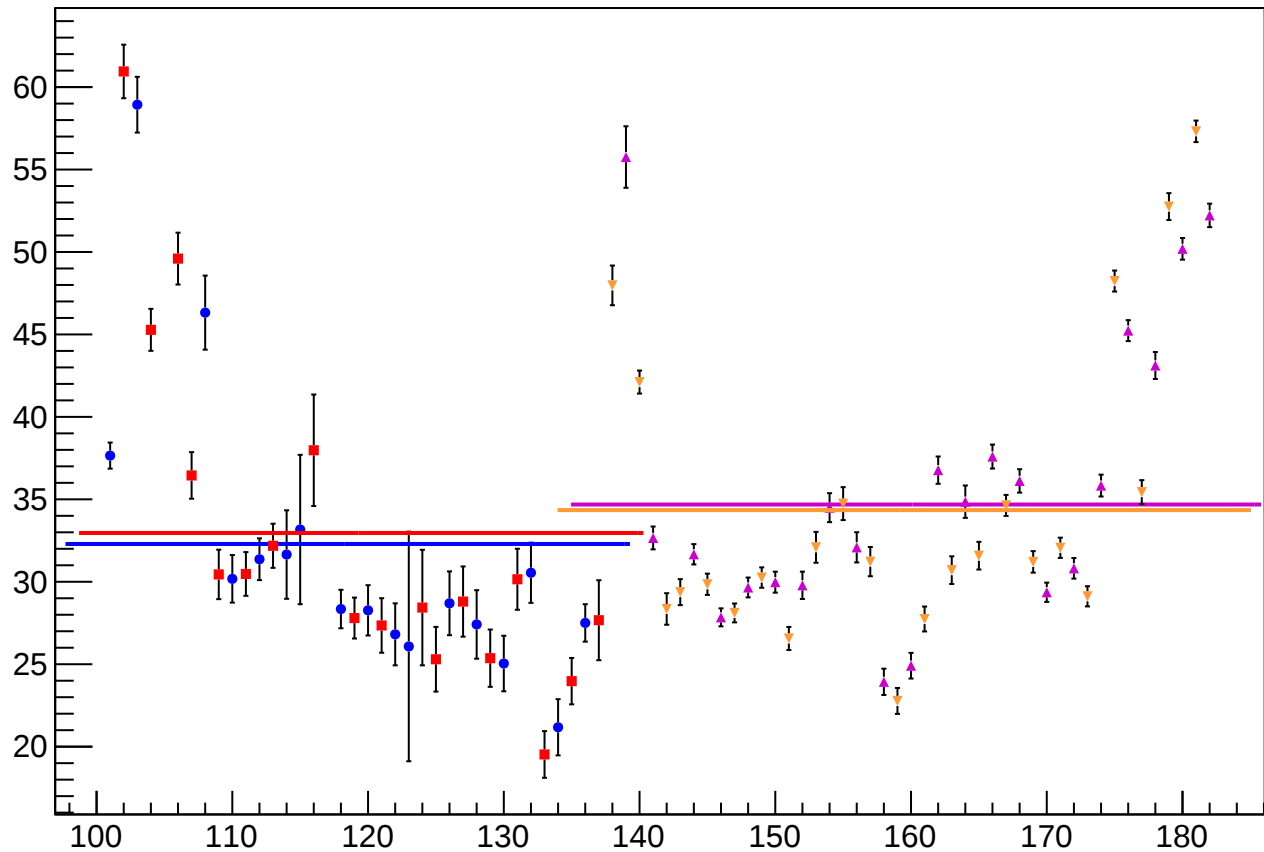
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Out: -40.533+/-0.194 χ^2/NDF :8128.9/22

All: -40.351+/-0.136 χ^2/NDF : 15087.9/44

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 34.346 $\pm$ 0.152 χ^2 /NDF:3344.9/22

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 34.687 $\pm$ 0.152 χ^2 /NDF:2521.8/21

Left: 34.516 $\pm$ 0.107 χ^2 /NDF: 5869.3/44

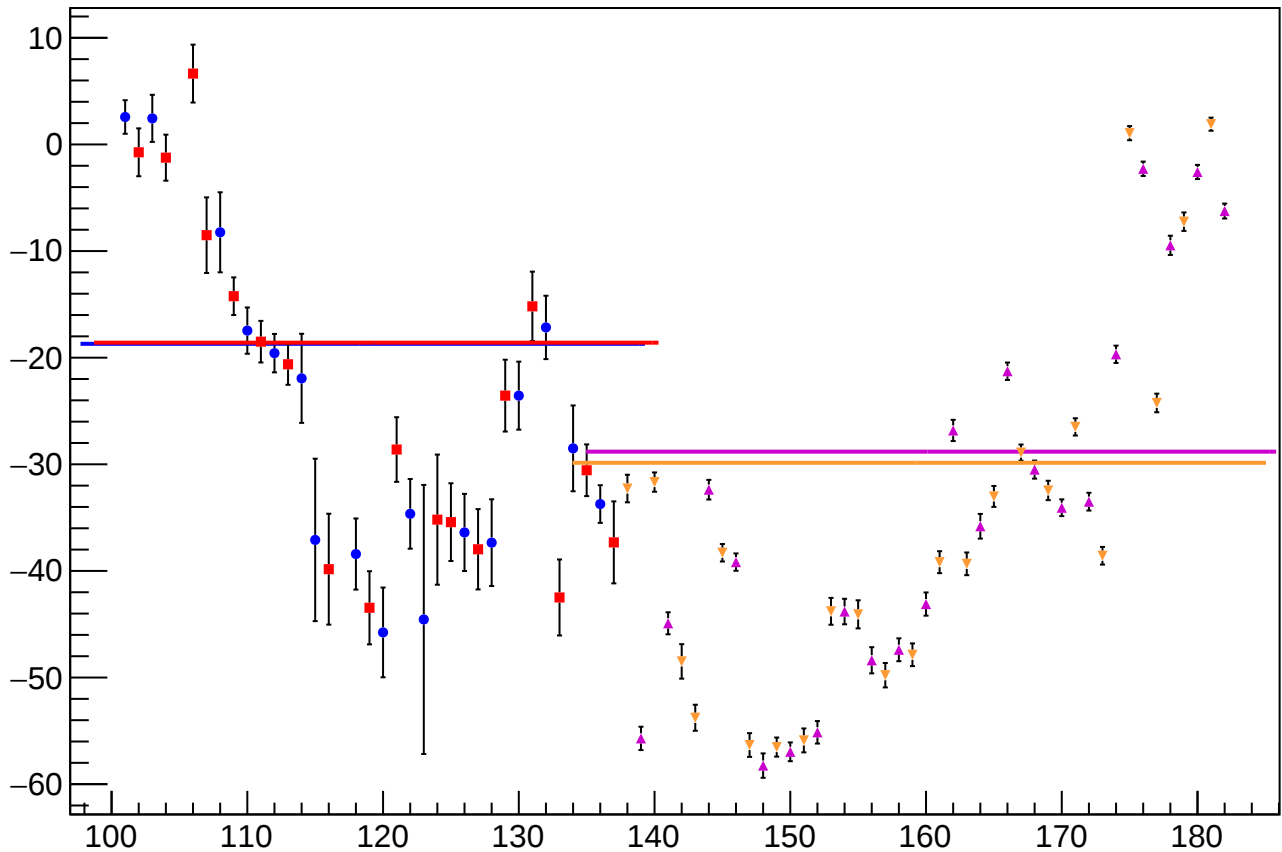
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 34.345 $\pm$ 0.141 χ^2 /NDF:3009.7/38

Out: 34.156 $\pm$ 0.141 χ^2 /NDF:4080.4/40

All: 34.250 $\pm$ 0.100 χ^2 /NDF: 7091.0/79

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: -29.857 ± 0.194 χ^2/NDF : 9335.0/22

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -28.813 ± 0.191 χ^2/NDF : 9147.7/21

Left: -29.325 ± 0.136 χ^2/NDF : 18497.4/44

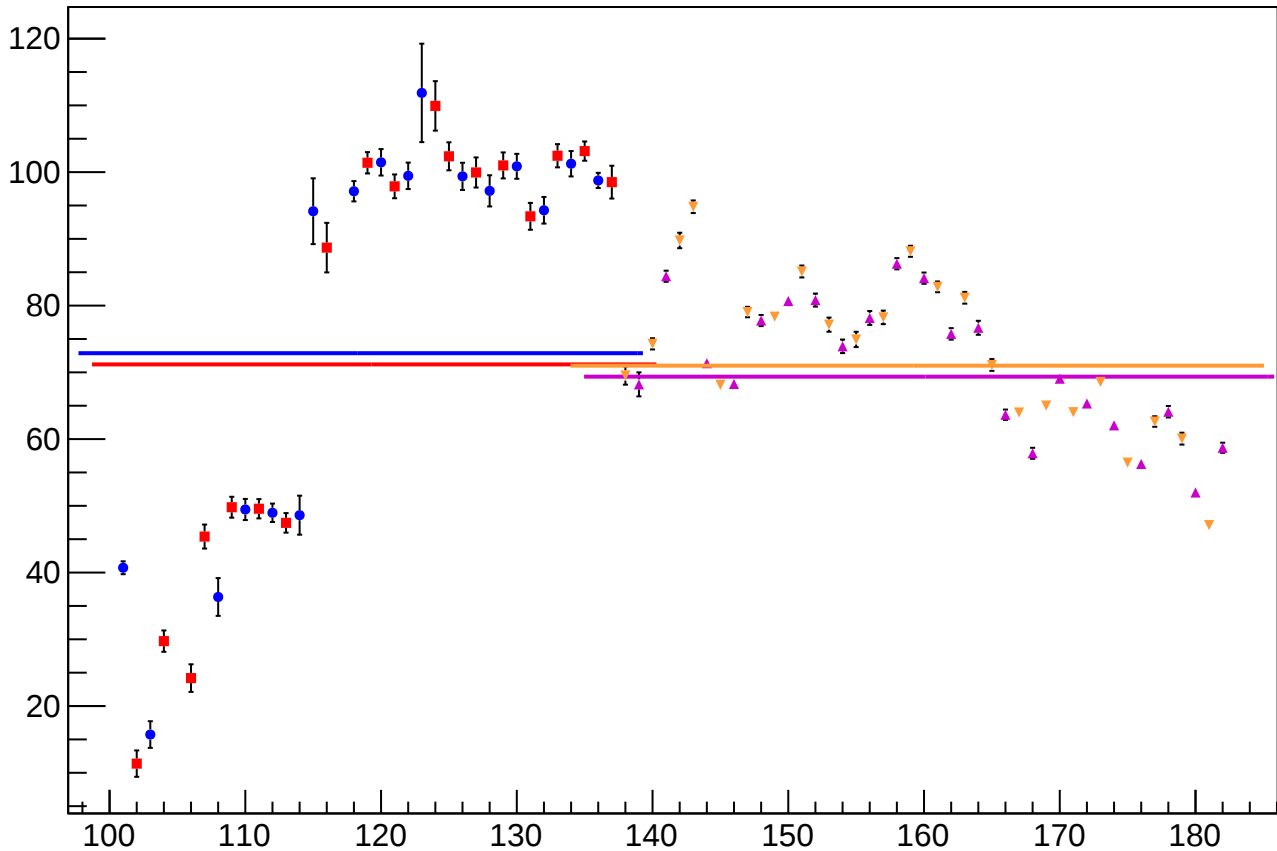
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -28.046 ± 0.184 χ^2/NDF : 9879.6/38

Out: -28.925 ± 0.186 χ^2/NDF : 10074.0/40

All: -28.479 ± 0.131 χ^2/NDF : 19965.0/79

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 71.004 $\pm$ 0.171 χ^2 /NDF: 4446.3/22

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 69.356 $\pm$ 0.171 χ^2 /NDF: 3330.7/21

Left: 70.178 $\pm$ 0.121 χ^2 /NDF: 7823.2/44

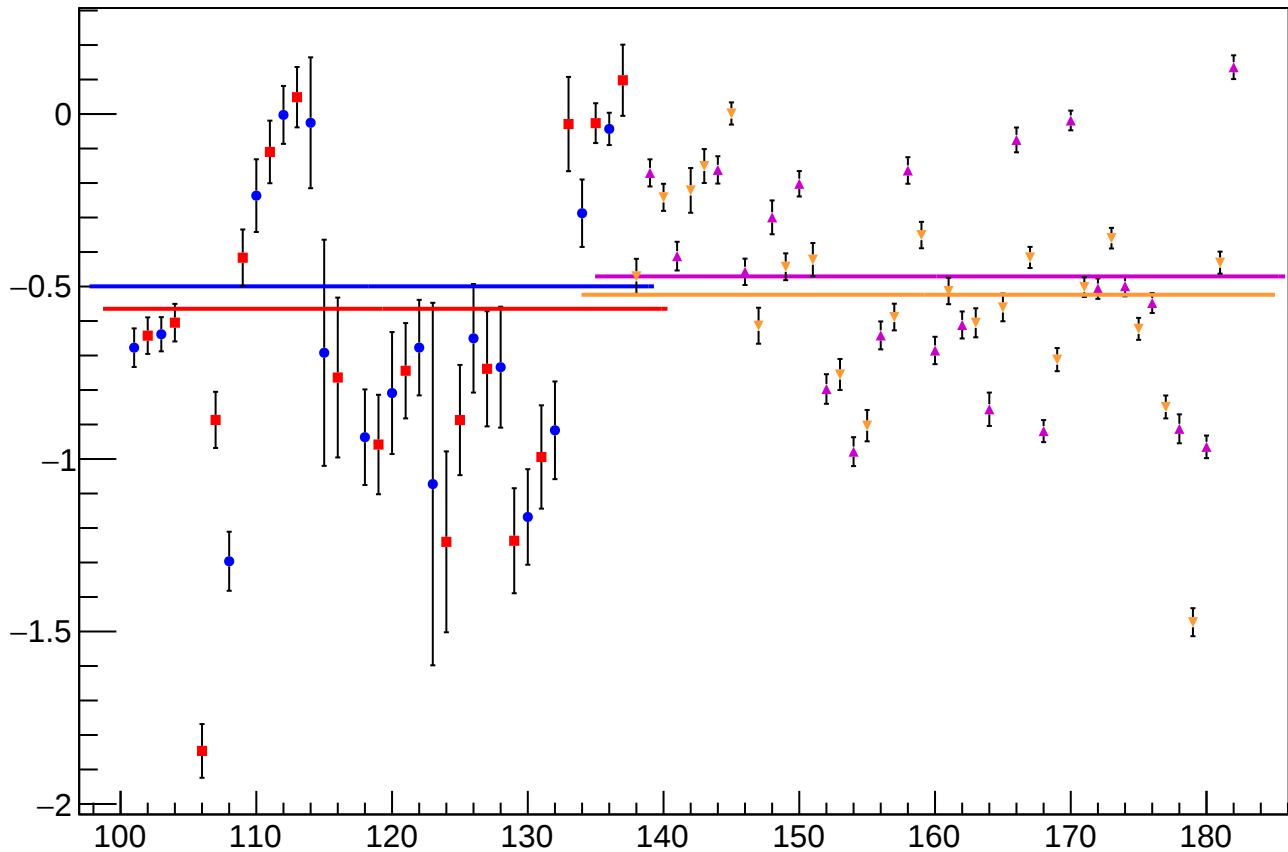
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 69.843 $\pm$ 0.159 χ^2 /NDF: 8116.3/38

Out: 71.029 $\pm$ 0.159 χ^2 /NDF: 9821.6/40

All: 70.433 $\pm$ 0.112 χ^2 /NDF: 17965.6/79

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.524 ± 0.008 χ^2/NDF : 1270.0/22

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.471 ± 0.008 χ^2/NDF : 1805.1/21

Left: -0.497 ± 0.006 χ^2/NDF : 3098.2/44

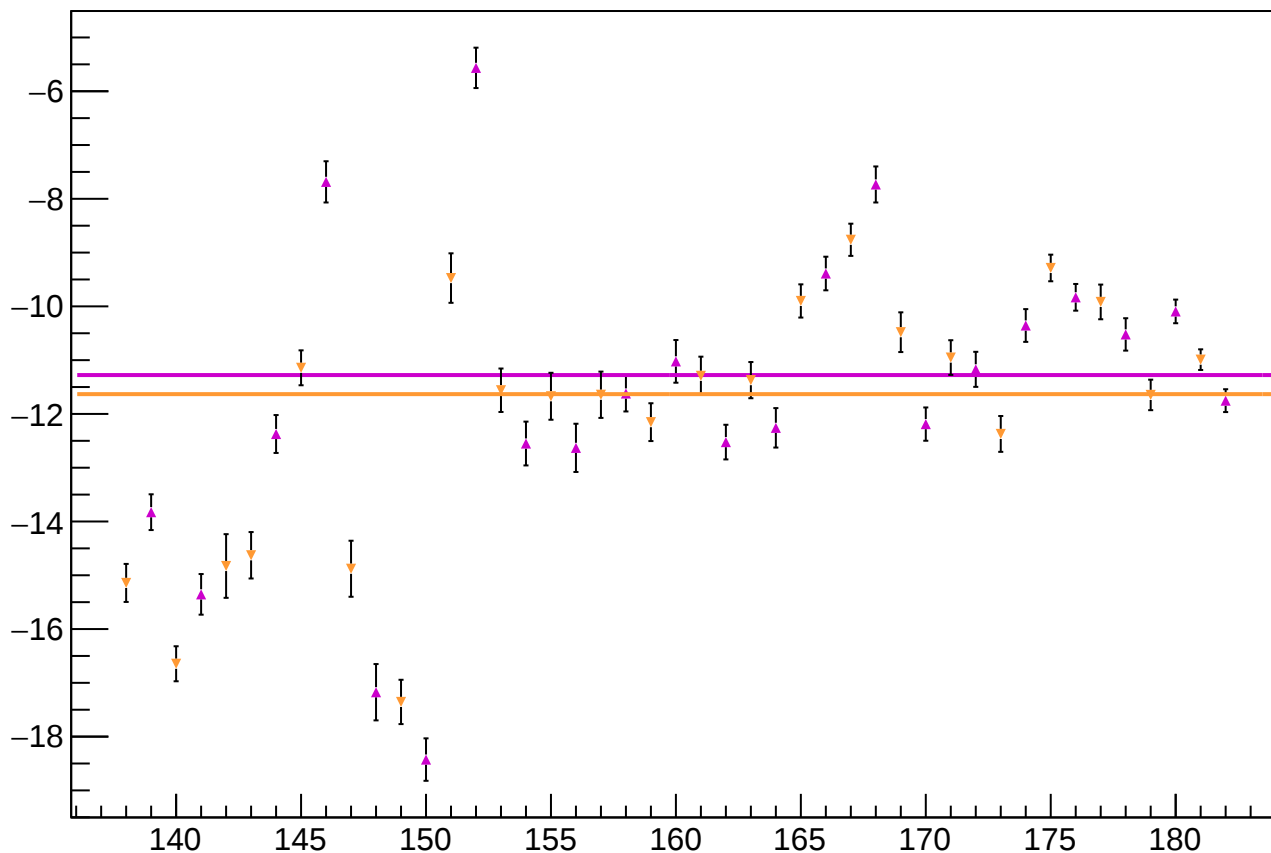
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.474 ± 0.007 χ^2/NDF : 2109.2/38

Out: -0.529 ± 0.007 χ^2/NDF : 1832.5/40

All: -0.501 ± 0.005 χ^2/NDF : 3969.4/79

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



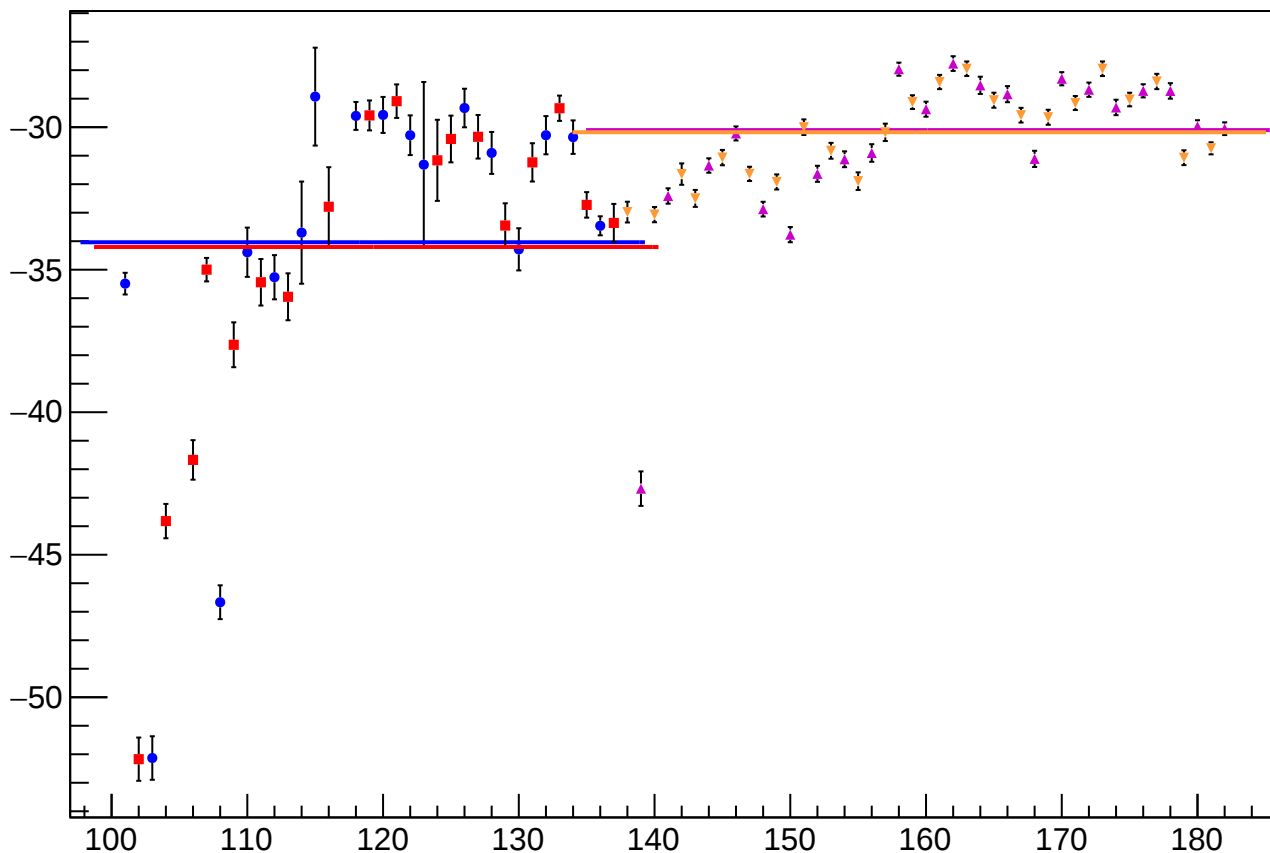
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -11.632 ± 0.070 χ^2/NDF : 945.0/22
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -11.277 ± 0.069 χ^2/NDF : 1242.5/21

Left: -11.452 ± 0.049 χ^2/NDF : 2200.6/44
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.277 ± 0.069 χ^2/NDF : 1242.5/21
 Out: -11.632 ± 0.070 χ^2/NDF : 945.0/22

All: -11.452 ± 0.049 χ^2/NDF : 2200.6/44

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.177 ± 0.056 χ^2/NDF : 727.8/22

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.102 ± 0.056 χ^2/NDF : 1280.5/21

Left: -30.140 ± 0.039 χ^2/NDF : 2009.2/44

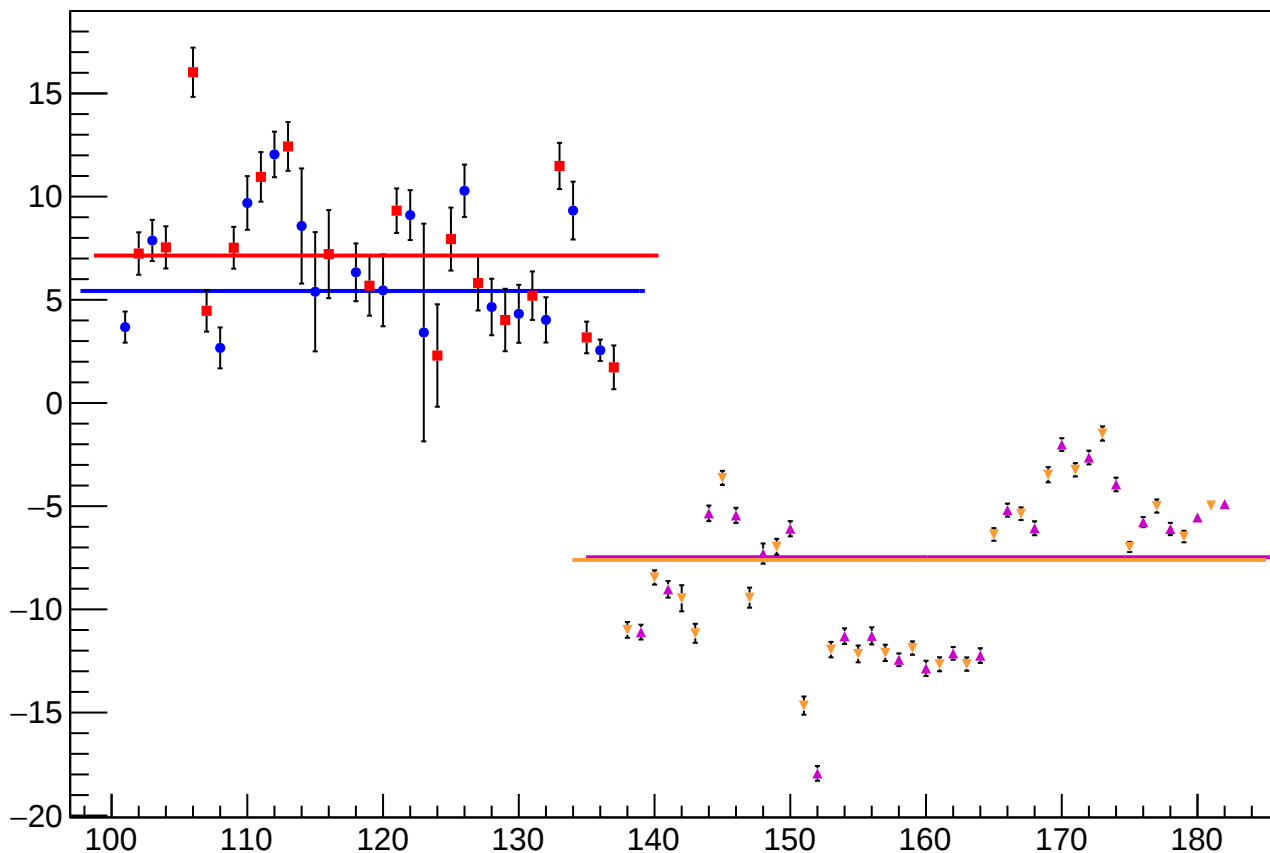
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.578 ± 0.052 χ^2/NDF : 3221.6/38

Out: -30.659 ± 0.052 χ^2/NDF : 2676.3/40

All: -30.619 ± 0.037 χ^2/NDF : 5899.1/79

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.607 ± 0.070 χ^2/NDF : 2534.8/22

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -7.474 ± 0.069 χ^2/NDF : 3093.5/21

Left: -7.539 ± 0.049 χ^2/NDF : 5630.2/44

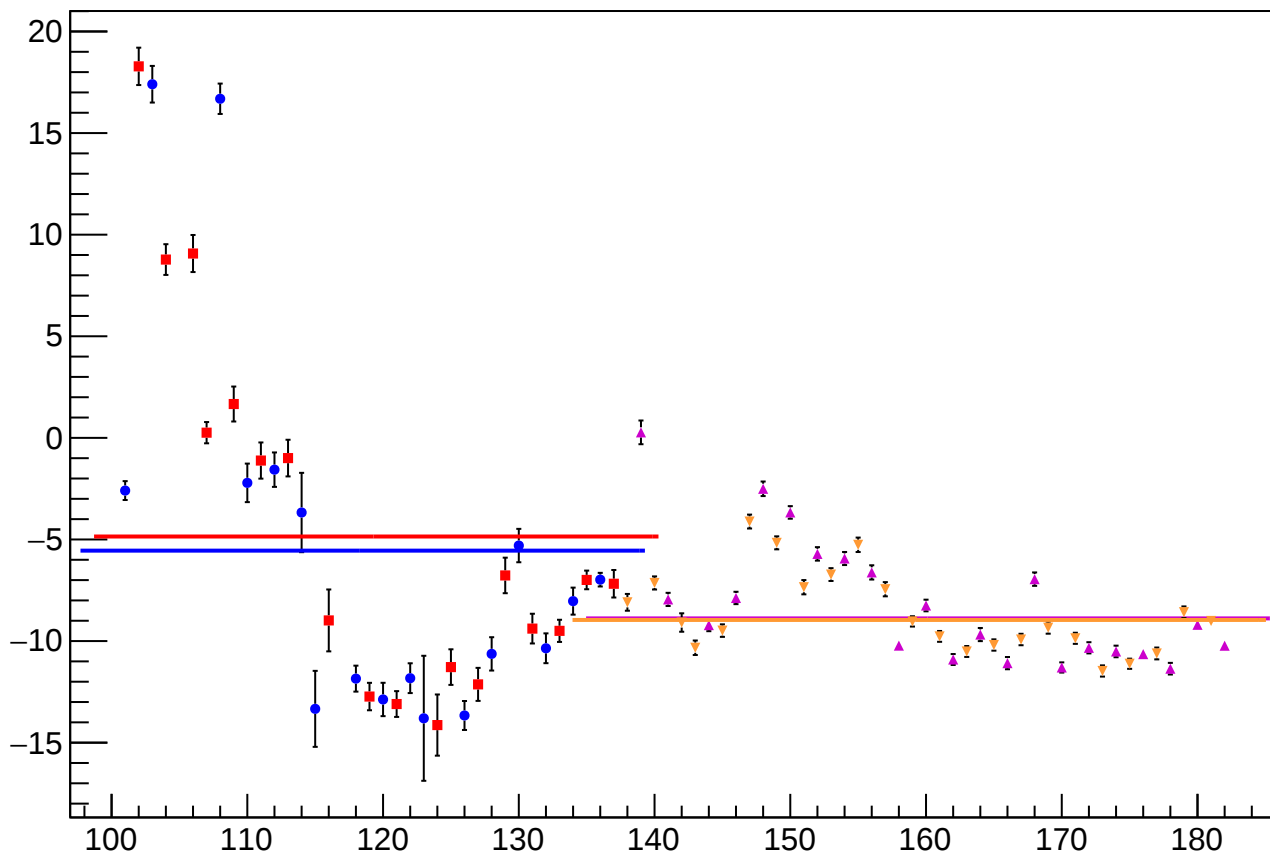
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -6.692 ± 0.066 χ^2/NDF : 5373.3/38

Out: -6.710 ± 0.068 χ^2/NDF : 5416.4/40

All: -6.701 ± 0.047 χ^2/NDF : 10789.7/79

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.961 ± 0.062 χ^2/NDF : 870.3/22

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.884 ± 0.062 χ^2/NDF : 1582.0/21

Left: -8.922 ± 0.044 χ^2/NDF : 2453.0/44

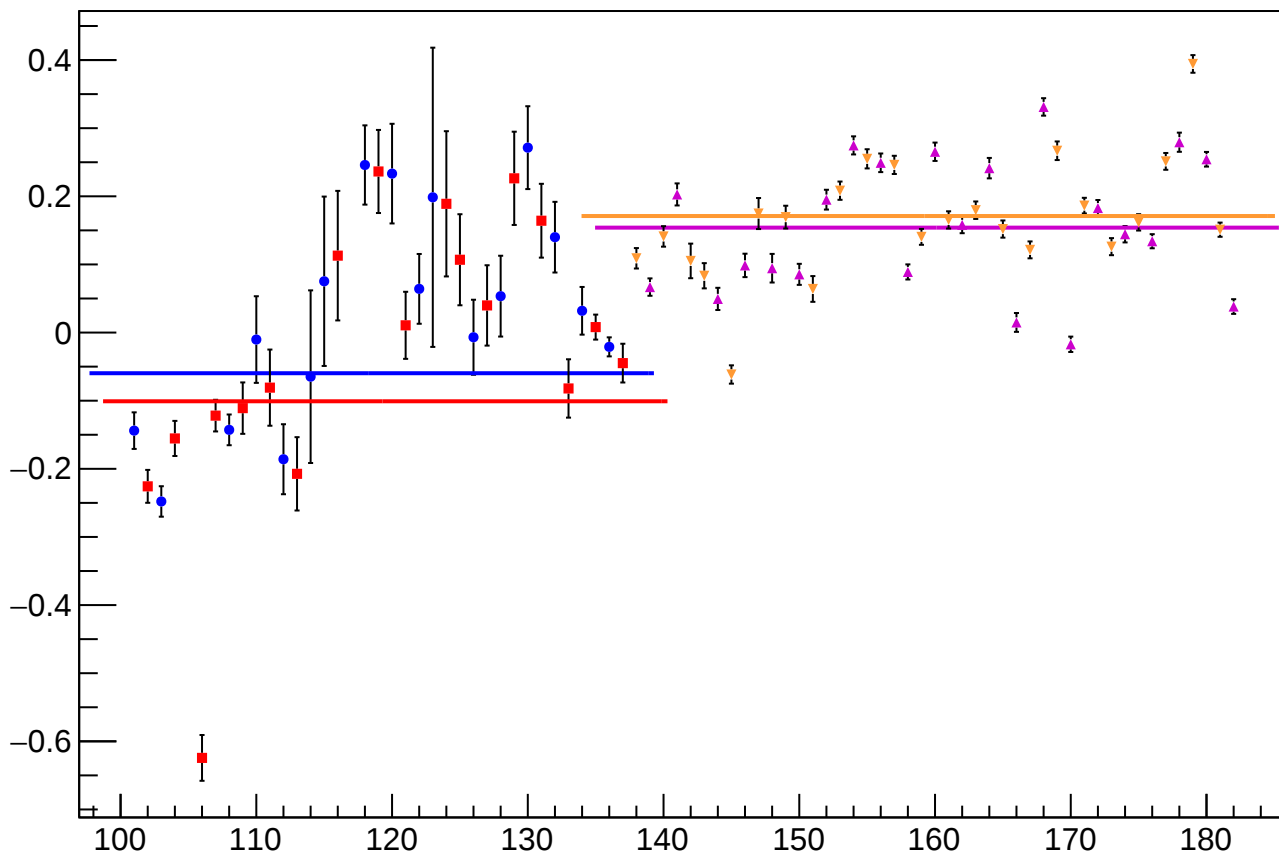
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.491 ± 0.058 χ^2/NDF : 4047.6/38

Out: -8.488 ± 0.059 χ^2/NDF : 3382.8/40

All: -8.490 ± 0.041 χ^2/NDF : 7430.4/79

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.171 ± 0.003 χ^2/NDF : 890.2/22

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.154 ± 0.003 χ^2/NDF : 1226.0/21

Left: 0.162 ± 0.002 χ^2/NDF : 2134.6/44

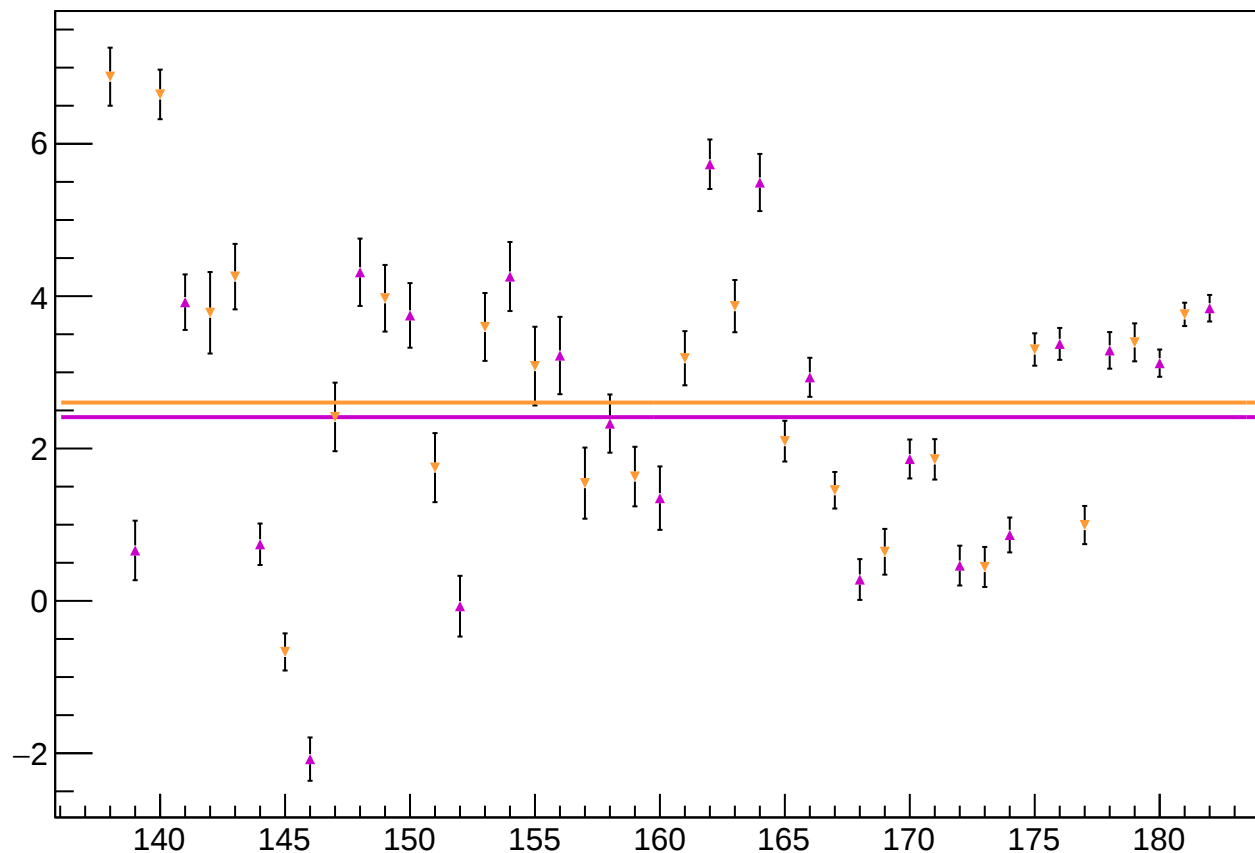
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.133 ± 0.003 χ^2/NDF : 2026.4/38

Out: 0.143 ± 0.003 χ^2/NDF : 2250.3/40

All: 0.138 ± 0.002 χ^2/NDF : 4284.5/79

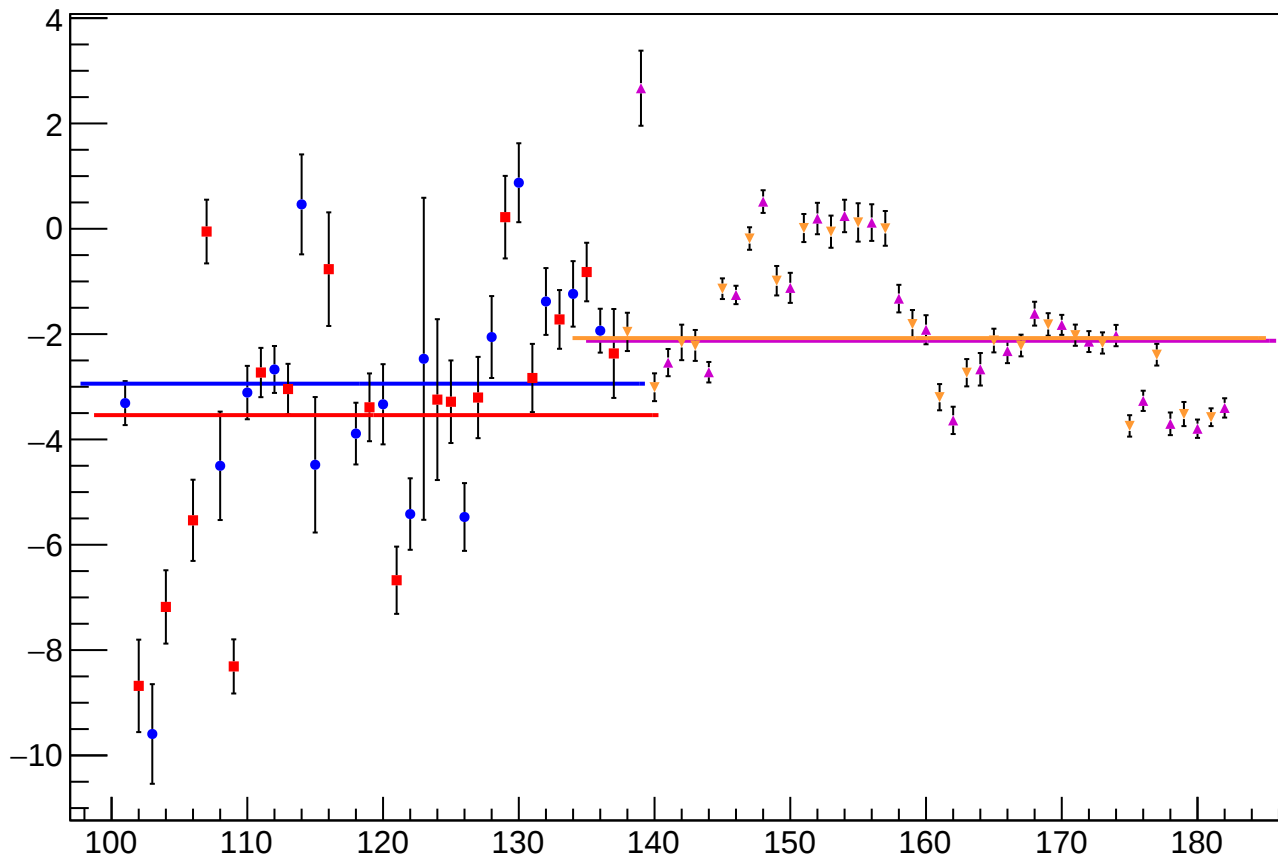
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.603 $\pm$ 0.062 χ^2/NDF :790.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.412 $\pm$ 0.060 χ^2/NDF :878.9/21

Left: 2.505 $\pm$ 0.043 χ^2/NDF : 1674.5/44
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.412 $\pm$ 0.060 χ^2/NDF :878.9/21
 Out: 2.603 $\pm$ 0.062 χ^2/NDF :790.7/22
 All: 2.505 $\pm$ 0.043 χ^2/NDF : 1674.5/44

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -2.076 ± 0.050 $\chi^2/\text{NDF}: 529.0/22$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -2.127 ± 0.049 $\chi^2/\text{NDF}: 691.5/21$

Left: -2.102 ± 0.035 $\chi^2/\text{NDF}: 1221.0/44$

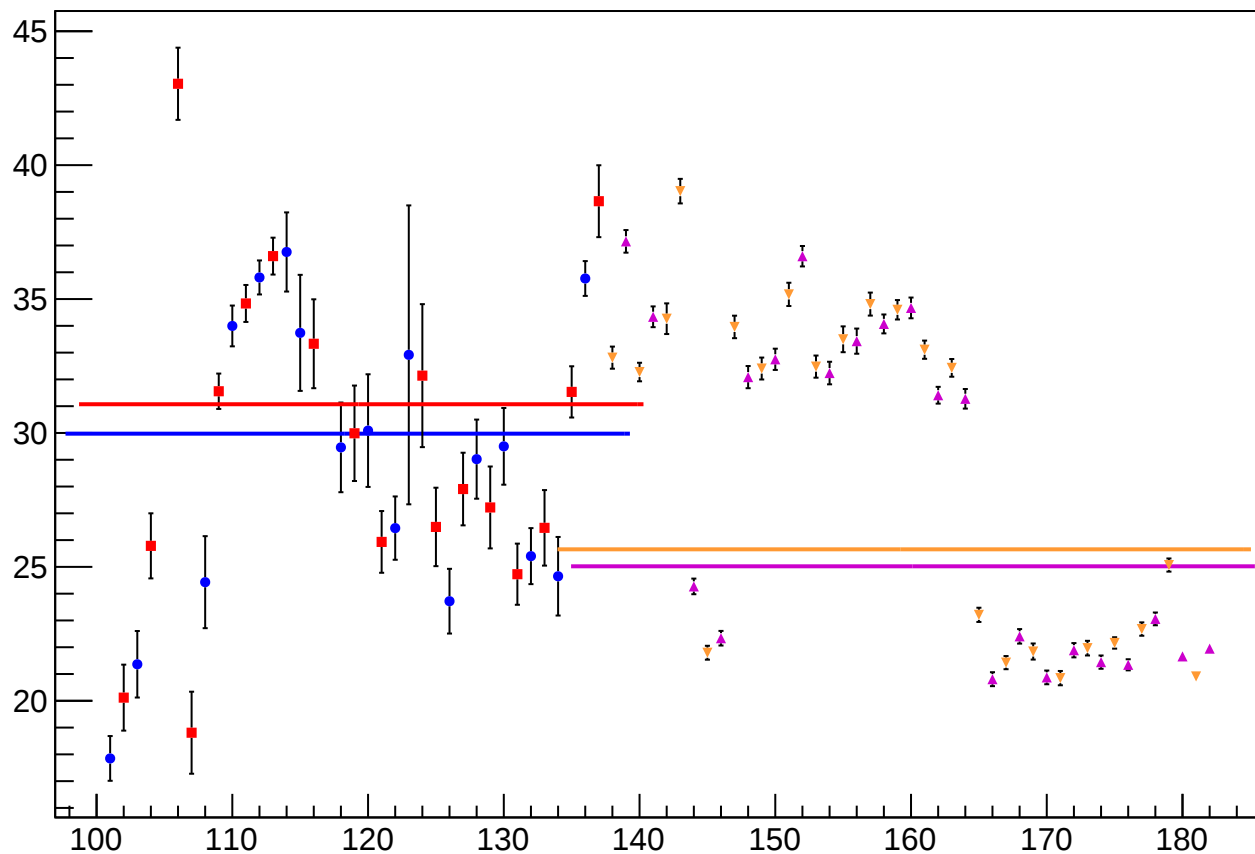
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -2.201 ± 0.046 $\chi^2/\text{NDF}: 862.4/38$

Out: -2.212 ± 0.047 $\chi^2/\text{NDF}: 893.6/40$

All: -2.206 ± 0.033 $\chi^2/\text{NDF}: 1756.1/79$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.655 $\pm$ 0.062 χ^2 /NDF: 7959.1/22

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 25.022 $\pm$ 0.060 χ^2 /NDF: 7688.5/21

Left: 25.328 $\pm$ 0.043 χ^2 /NDF: 15701.1/44

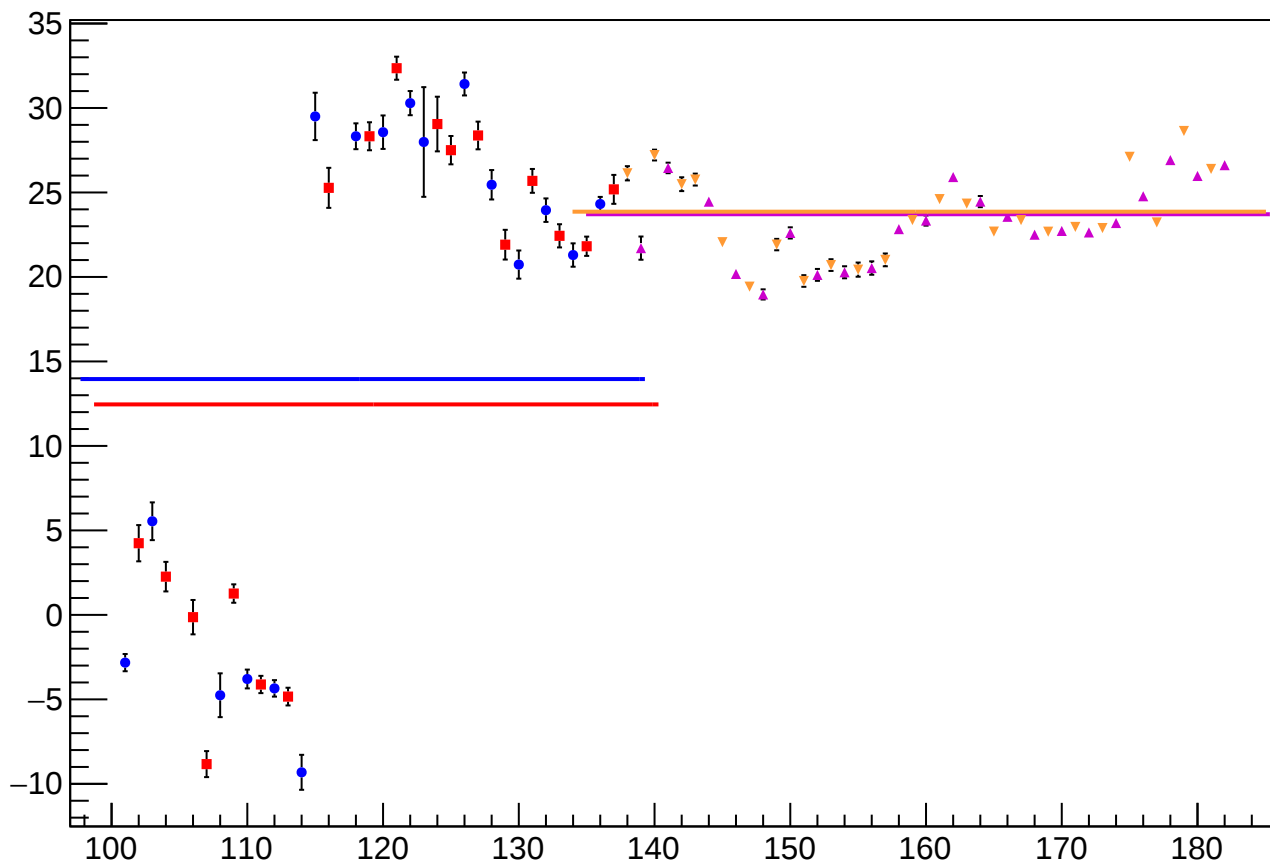
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 25.261 $\pm$ 0.059 χ^2 /NDF: 8569.3/38

Out: 25.948 $\pm$ 0.061 χ^2 /NDF: 8821.7/40

All: 25.594 $\pm$ 0.042 χ^2 /NDF: 17457.3/79

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: 23.863 $\pm$ 0.056 χ^2 /NDF:1757.0/22

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.711 $\pm$ 0.054 χ^2 /NDF:1629.4/21

Left: 23.785 $\pm$ 0.039 χ^2 /NDF: 3390.1/44

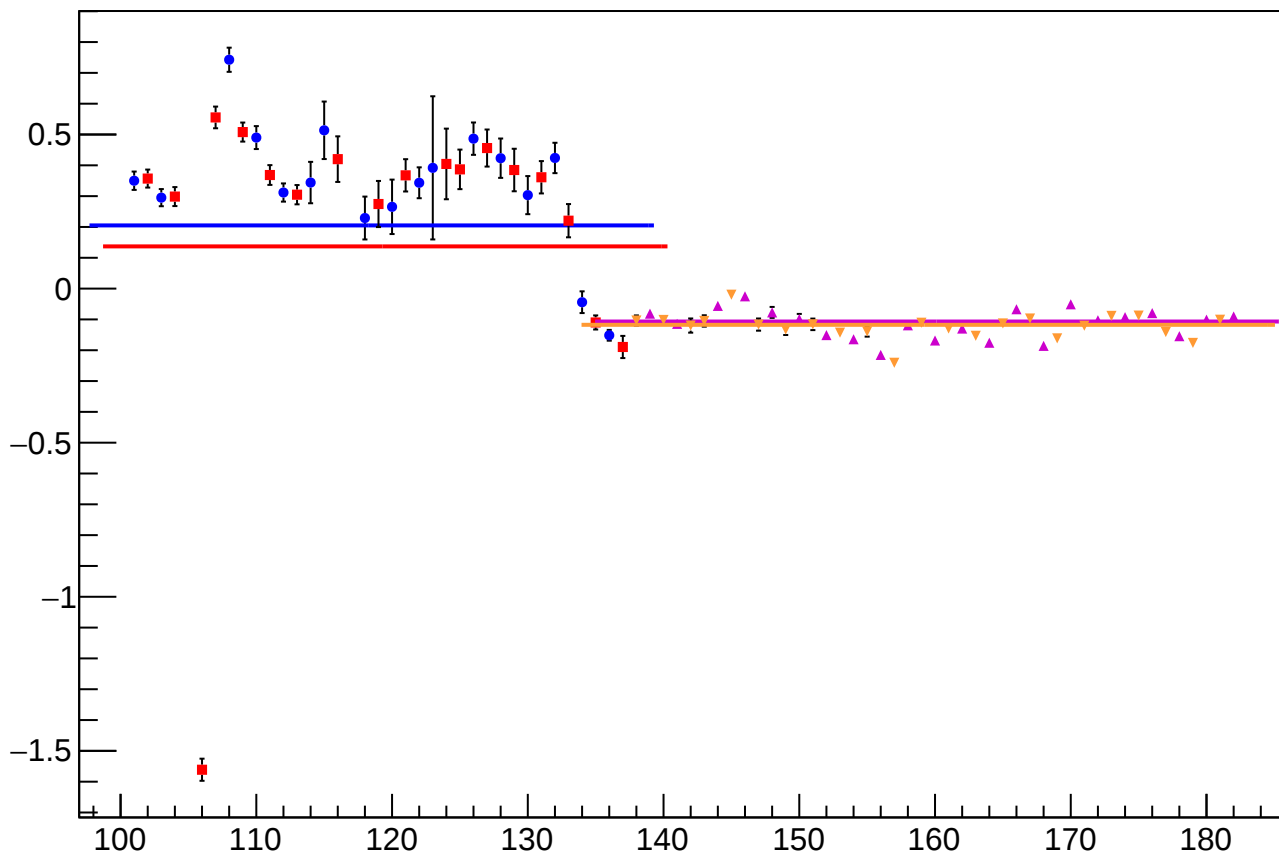
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 22.825 $\pm$ 0.052 χ^2 /NDF:11891.4/38

Out: 22.802 $\pm$ 0.053 χ^2 /NDF:12645.9/40

All: 22.814 $\pm$ 0.037 χ^2 /NDF: 24537.4/79

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.118 ± 0.003 $\chi^2/\text{NDF}: 254.4/22$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.107 ± 0.002 $\chi^2/\text{NDF}: 321.9/21$

Left: -0.112 ± 0.002 $\chi^2/\text{NDF}: 585.2/44$

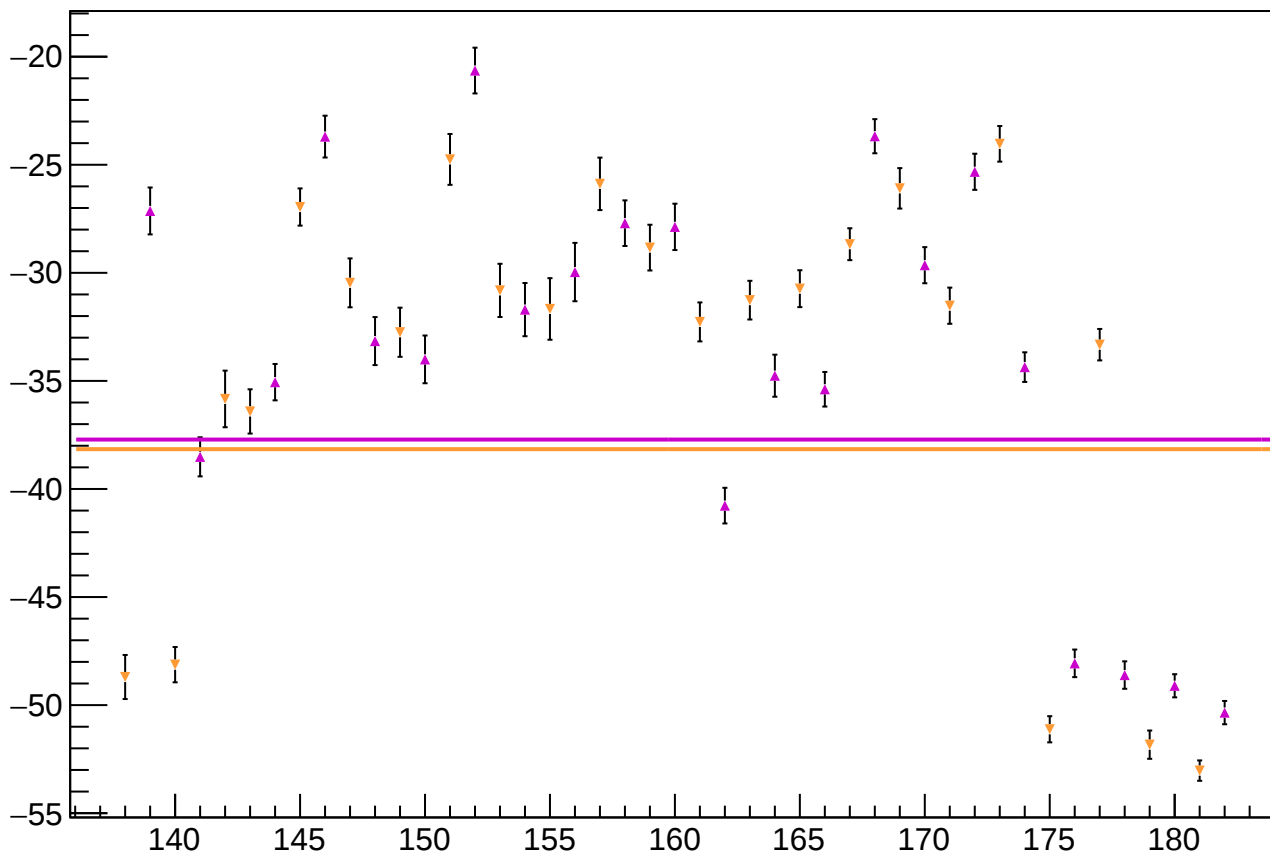
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.086 ± 0.002 $\chi^2/\text{NDF}: 2203.1/38$

Out: -0.099 ± 0.002 $\chi^2/\text{NDF}: 3970.2/40$

All: -0.093 ± 0.002 $\chi^2/\text{NDF}: 6187.6/79$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.713+/-0.175 χ^2/NDF :3077.7/21

Left: -37.932+/-0.125 χ^2/NDF : 6748.2/44

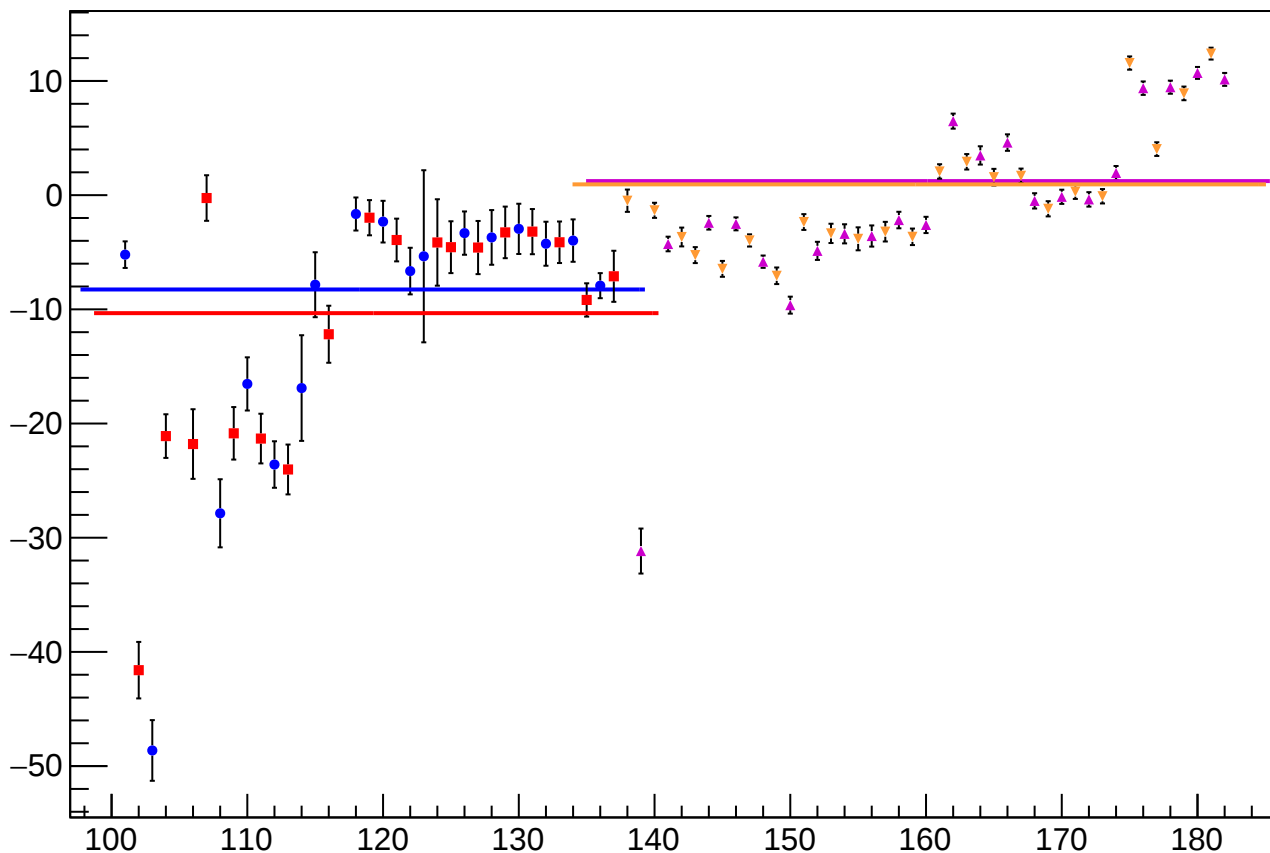
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.713+/-0.175 χ^2/NDF :3077.7/21

Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

All: -37.932+/-0.125 χ^2/NDF : 6748.2/44

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: 0.944 ± 0.141 $\chi^2/\text{NDF}: 1626.3/22$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: 1.232 ± 0.141 $\chi^2/\text{NDF}: 2061.9/21$

Left: 1.088 ± 0.100 $\chi^2/\text{NDF}: 3690.3/44$

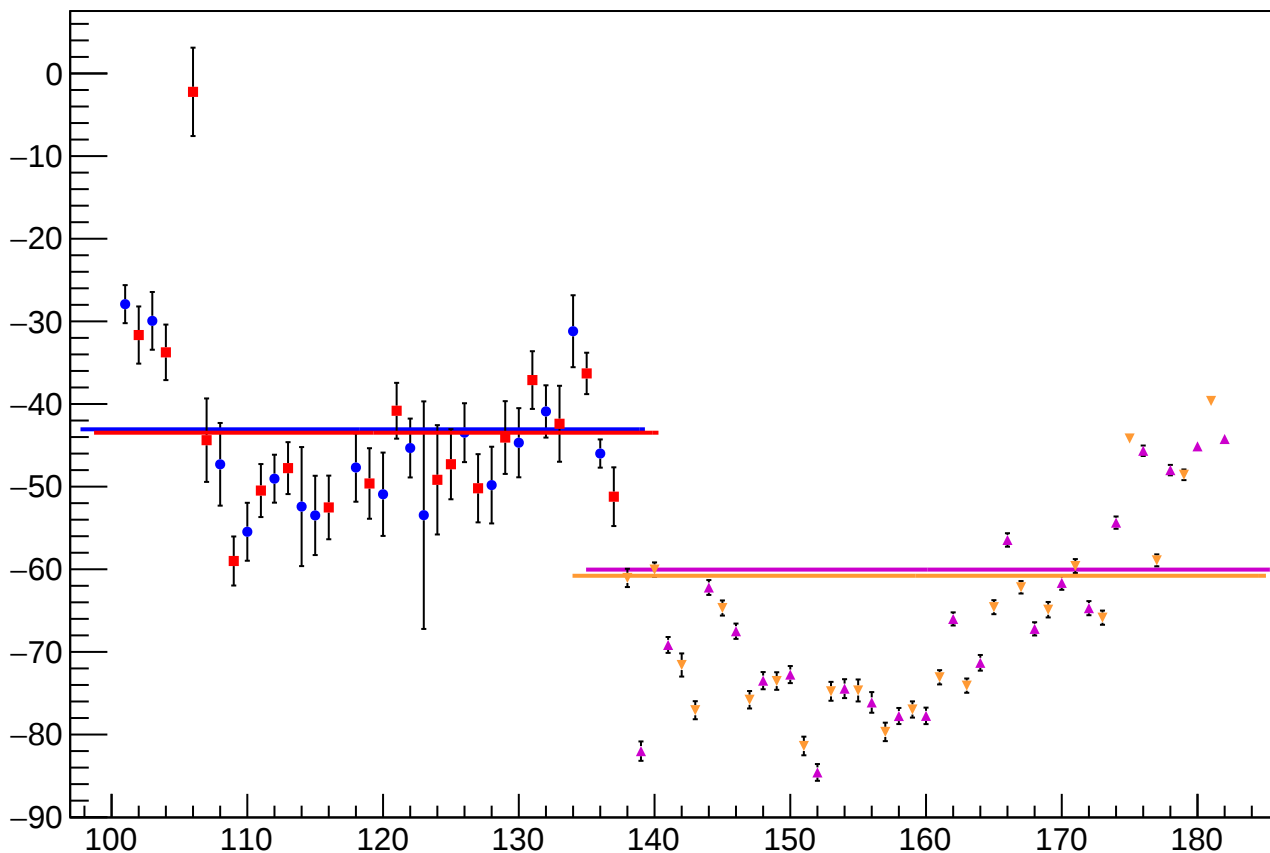
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: 0.426 ± 0.135 $\chi^2/\text{NDF}: 2859.1/38$

Out: 0.089 ± 0.135 $\chi^2/\text{NDF}: 2524.5/40$

All: 0.258 ± 0.095 $\chi^2/\text{NDF}: 5386.8/79$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -60.786 ± 0.179 $\chi^2/\text{NDF}: 5299.2/22$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -60.039 ± 0.175 $\chi^2/\text{NDF}: 5238.7/21$

Left: -60.405 ± 0.125 $\chi^2/\text{NDF}: 10546.8/44$

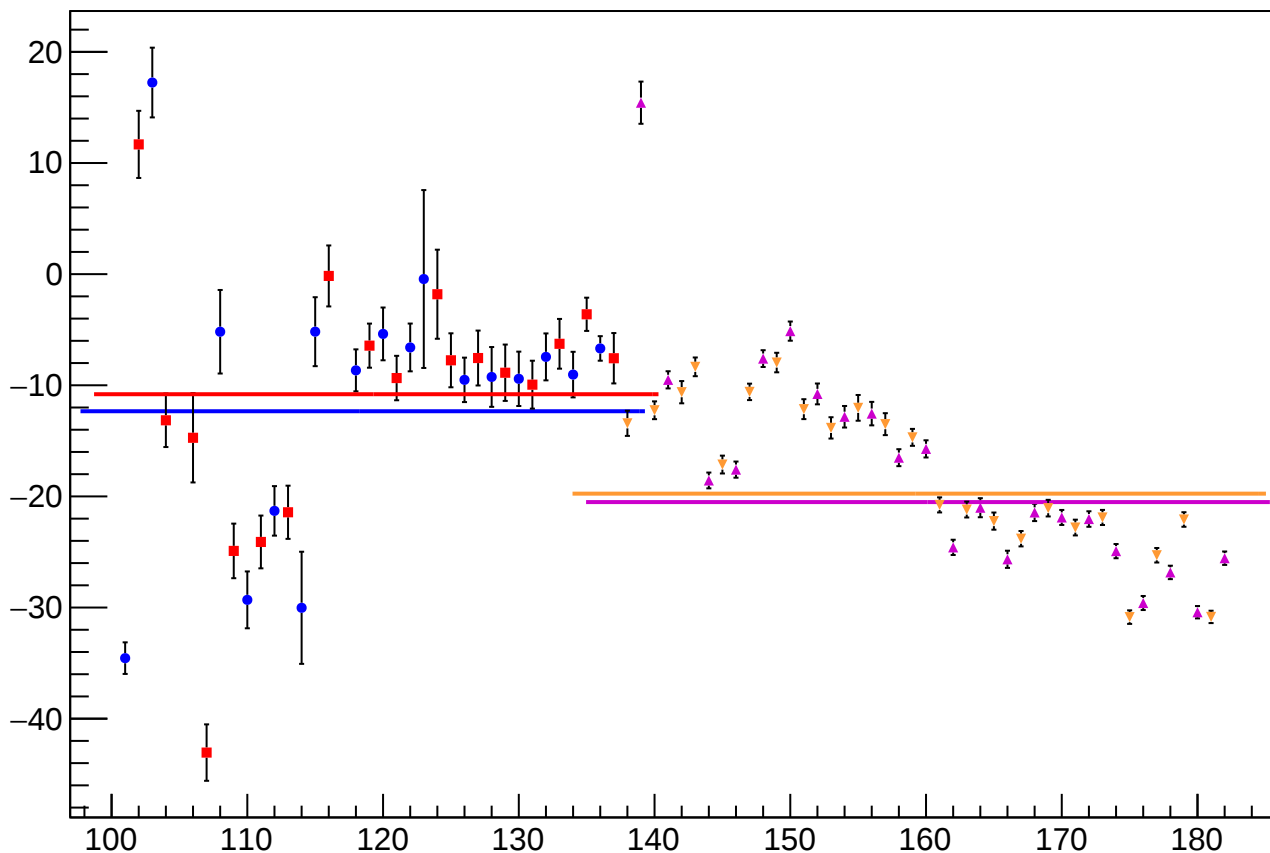
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -59.325 ± 0.171 $\chi^2/\text{NDF}: 5733.4/38$

Out: -60.084 ± 0.175 $\chi^2/\text{NDF}: 5822.6/40$

All: -59.697 ± 0.122 $\chi^2/\text{NDF}: 11565.5/79$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -19.751 ± 0.159 χ^2/NDF : 1864.8/22

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -20.511 ± 0.158 χ^2/NDF : 2327.7/21

Left: -20.133 ± 0.112 χ^2/NDF : 4204.1/44

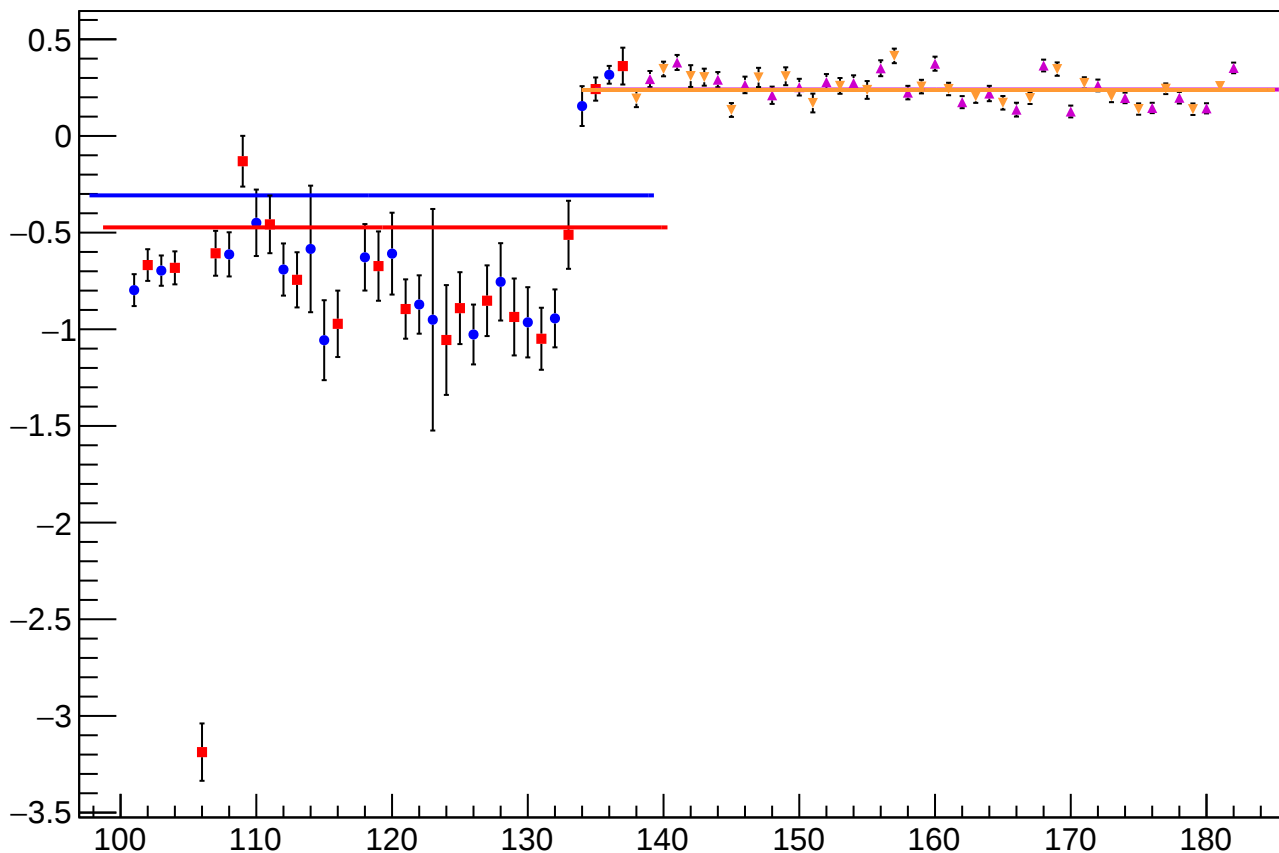
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -19.821 ± 0.151 χ^2/NDF : 3028.8/38

Out: -19.072 ± 0.153 χ^2/NDF : 2467.5/40

All: -19.450 ± 0.107 χ^2/NDF : 5508.5/79

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.238 ± 0.007 χ^2/NDF : 91.6/22

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.240 ± 0.007 χ^2/NDF : 131.2/21

Left: 0.239 ± 0.005 χ^2/NDF : 222.8/44

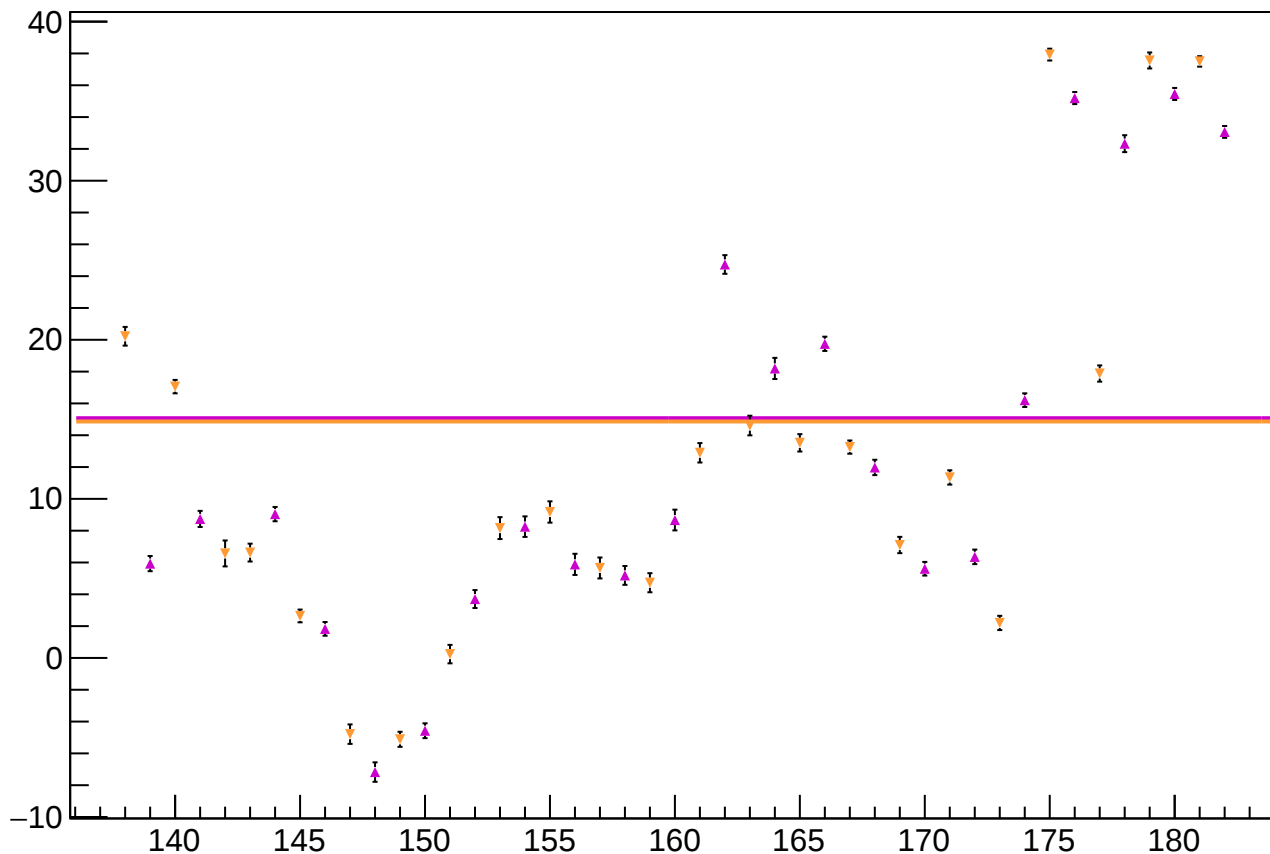
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.205 ± 0.007 χ^2/NDF : 873.5/38

Out: 0.194 ± 0.007 χ^2/NDF : 1296.7/40

All: 0.199 ± 0.005 χ^2/NDF : 2171.4/79

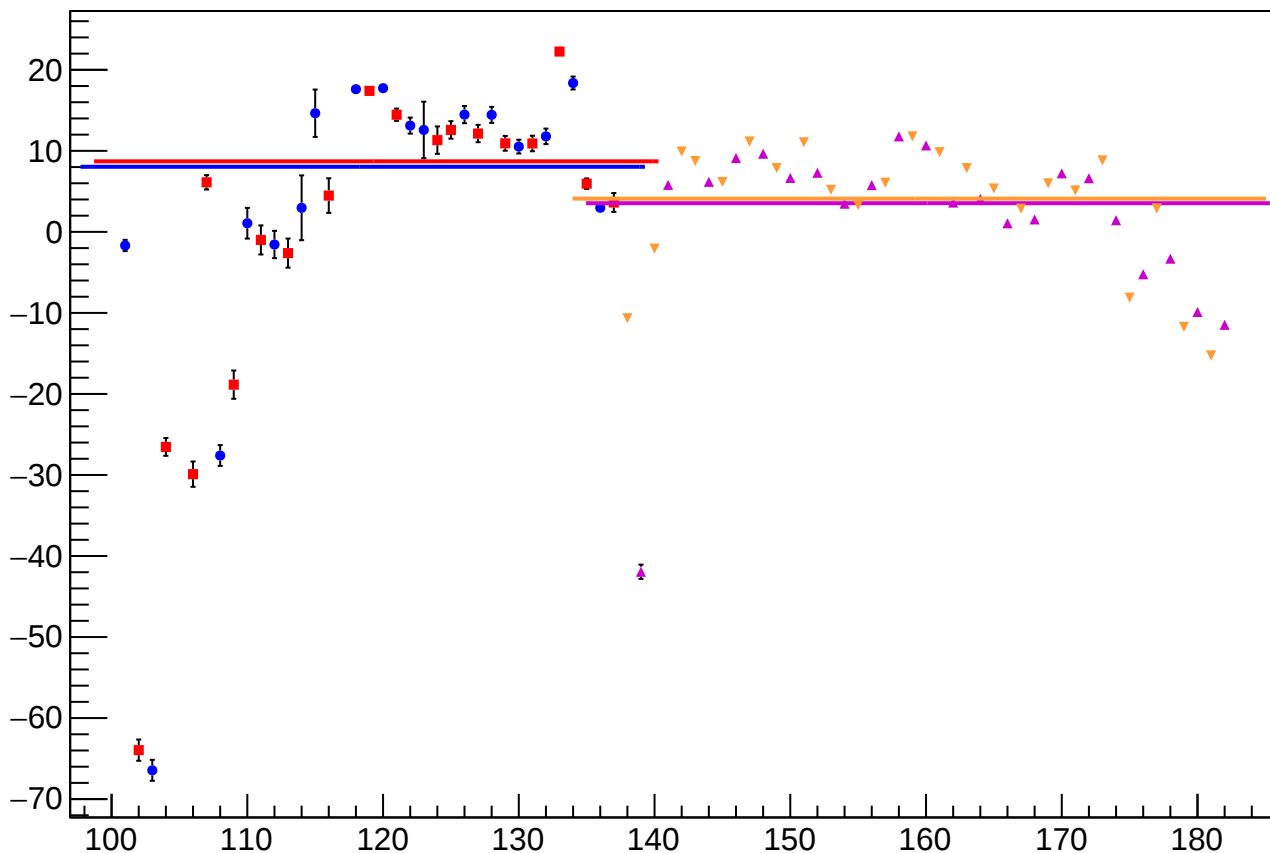
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.865+/-0.105 χ^2/NDF :17233.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 15.069+/-0.103 χ^2/NDF :16245.7/21

Left: 14.969+/-0.074 χ^2/NDF : 33481.5/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 15.069+/-0.103 χ^2/NDF :16245.7/21
 Out: 14.865+/-0.105 χ^2/NDF :17233.9/22
 All: 14.969+/-0.074 χ^2/NDF : 33481.5/44

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 4.106 ± 0.081 $\chi^2/\text{NDF}: 8419.0/22$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 3.539 ± 0.082 $\chi^2/\text{NDF}: 8374.9/21$

Left: 3.825 ± 0.057 $\chi^2/\text{NDF}: 16818.4/44$

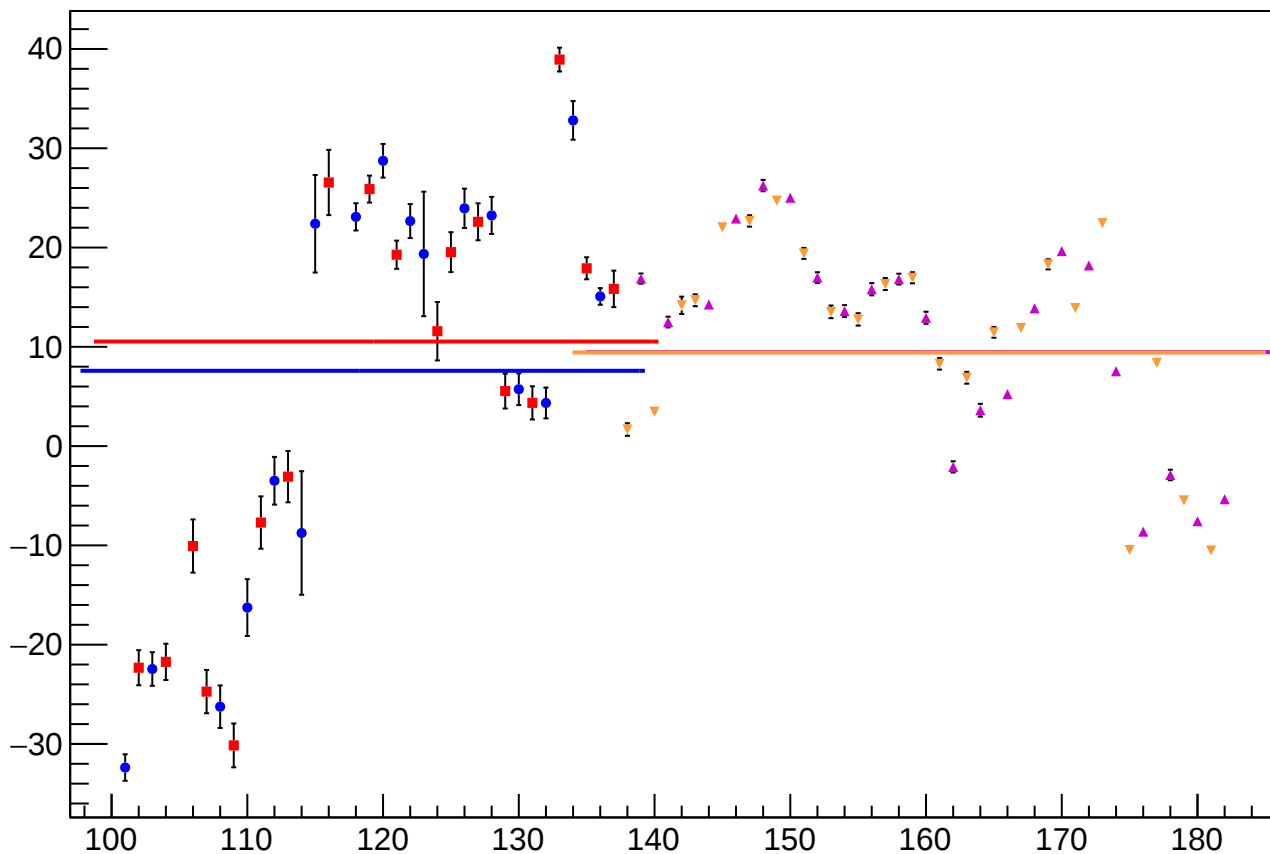
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 4.103 ± 0.076 $\chi^2/\text{NDF}: 14126.5/38$

Out: 4.684 ± 0.076 $\chi^2/\text{NDF}: 15116.8/40$

All: 4.396 ± 0.054 $\chi^2/\text{NDF}: 29272.6/79$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 9.437 ± 0.105 χ^2/NDF : 12180.8/22

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 9.467 ± 0.103 χ^2/NDF : 12068.5/21

Left: 9.452 ± 0.073 χ^2/NDF : 24249.4/44

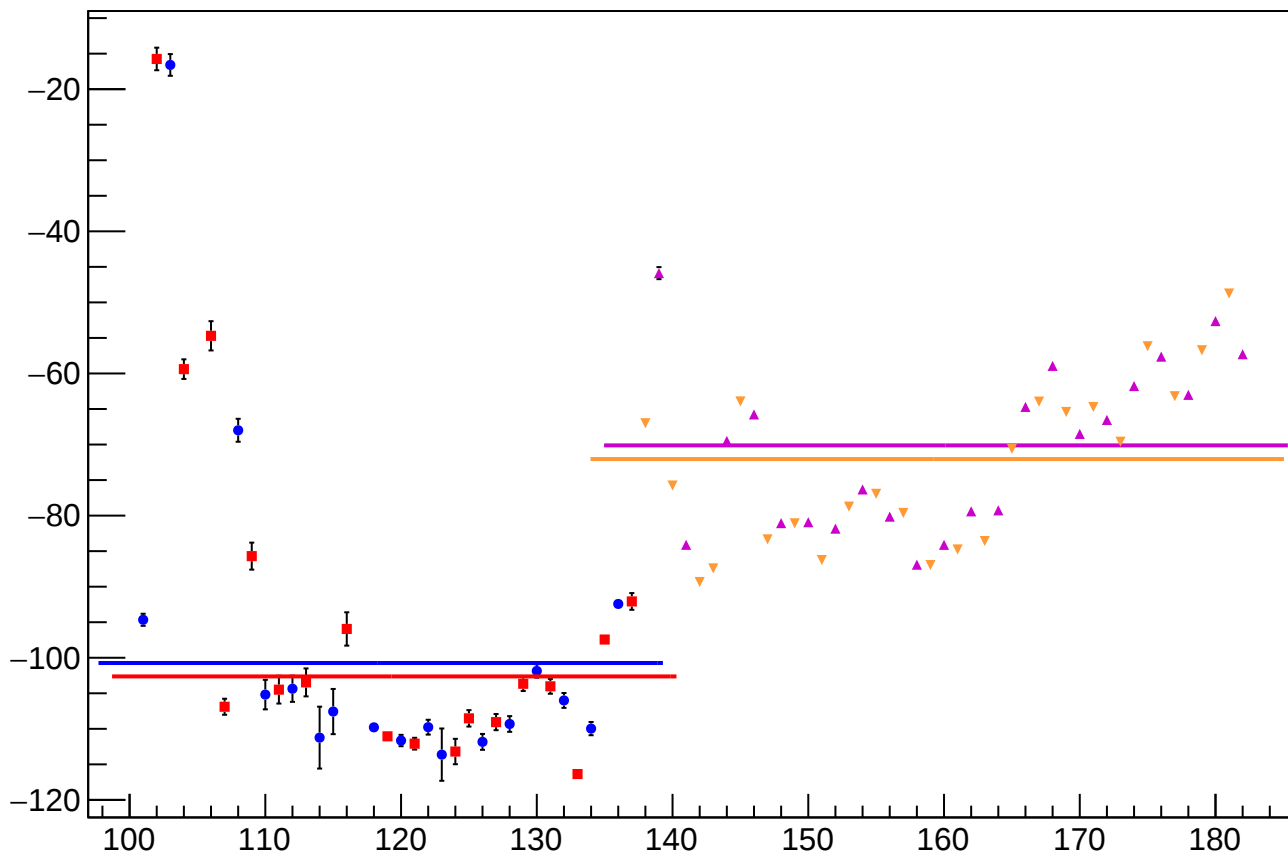
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 9.358 ± 0.100 χ^2/NDF : 14410.5/38

Out: 9.501 ± 0.102 χ^2/NDF : 14466.8/40

All: 9.429 ± 0.071 χ^2/NDF : 28878.2/79

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -72.039 ± 0.092 χ^2/NDF : 15625.9/22

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -70.119 ± 0.092 χ^2/NDF : 13084.2/21

Left: -71.082 ± 0.065 χ^2/NDF : 28927.5/44

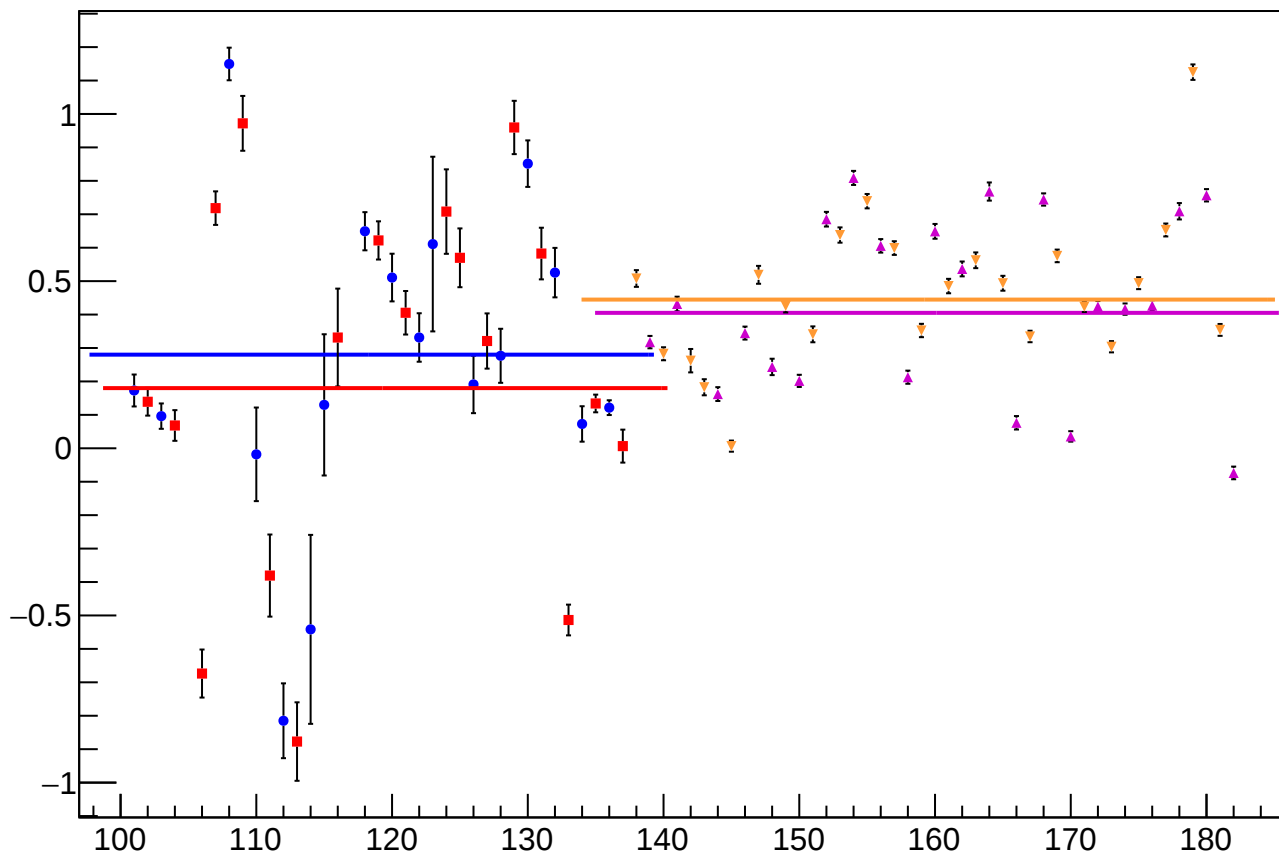
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -73.826 ± 0.086 χ^2/NDF : 30967.3/38

Out: -75.783 ± 0.086 χ^2/NDF : 34897.0/40

All: -74.808 ± 0.061 χ^2/NDF : 66121.4/79

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.445 $\pm$ 0.004 χ^2 /NDF:2484.6/22

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.405 $\pm$ 0.004 χ^2 /NDF:3721.1/21

Left: 0.425 $\pm$ 0.003 χ^2 /NDF: 6250.2/44

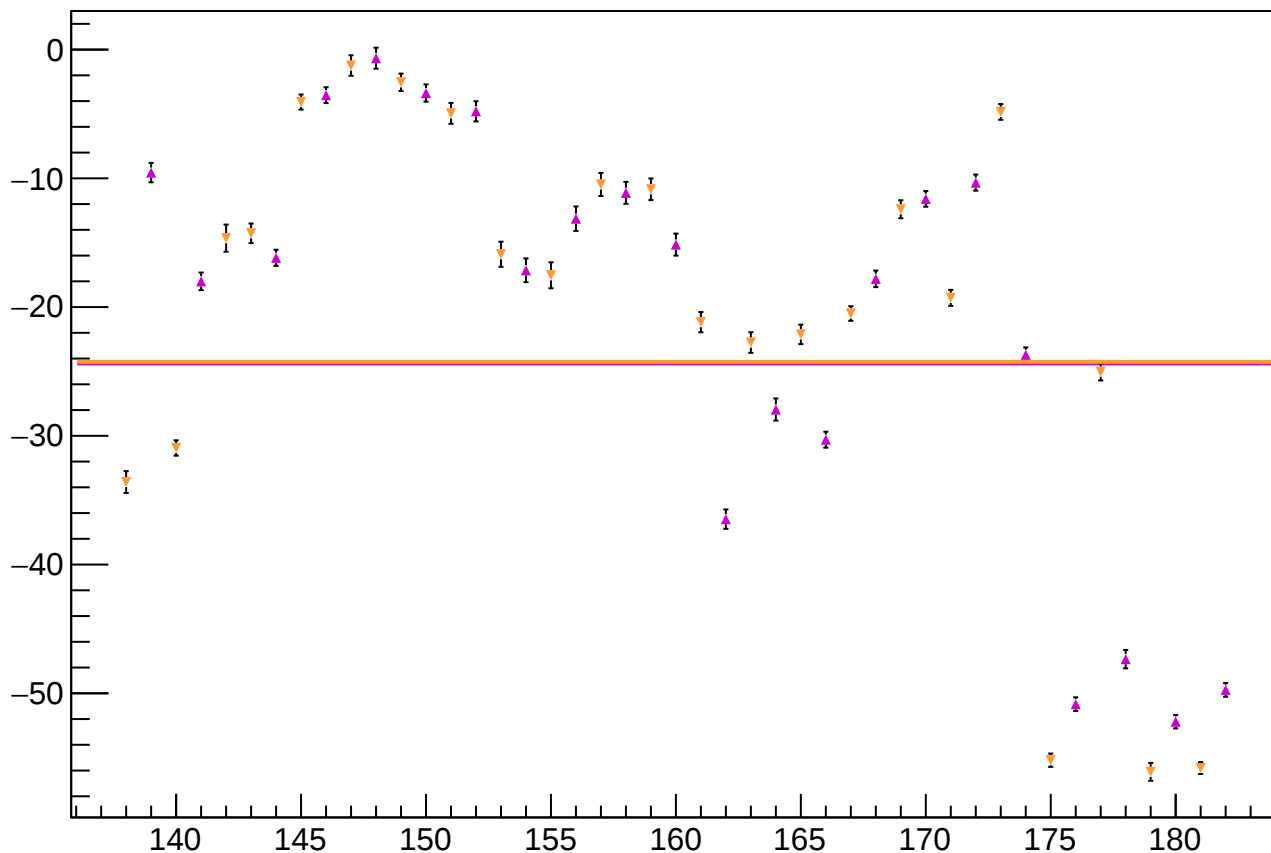
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.394 $\pm$ 0.004 χ^2 /NDF:4456.0/38

Out: 0.421 $\pm$ 0.004 χ^2 /NDF:3772.8/40

All: 0.407 $\pm$ 0.003 χ^2 /NDF: 8251.1/79

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Left: -24.316+/-0.102 χ^2/NDF : 31228.0/44

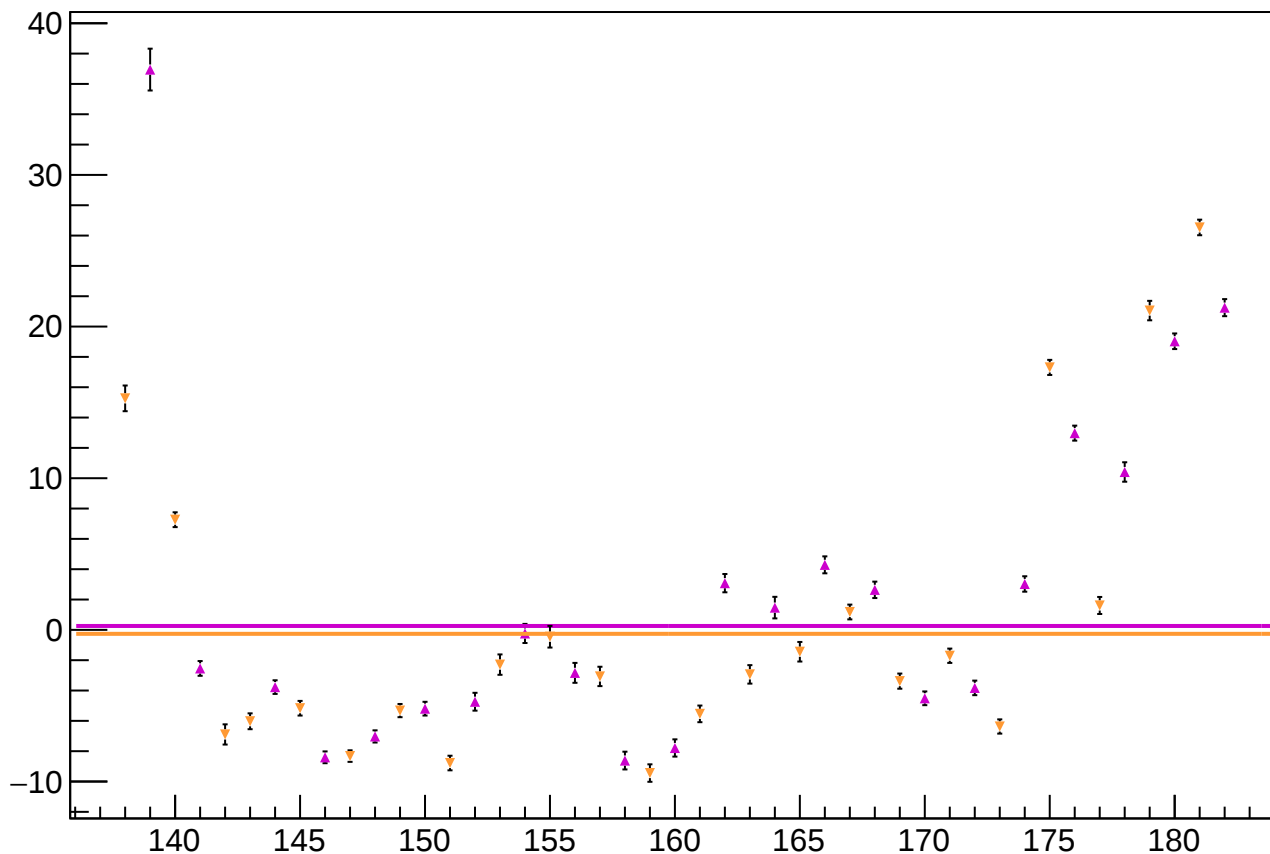
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

All: -24.316+/-0.102 χ^2/NDF : 31228.0/44

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



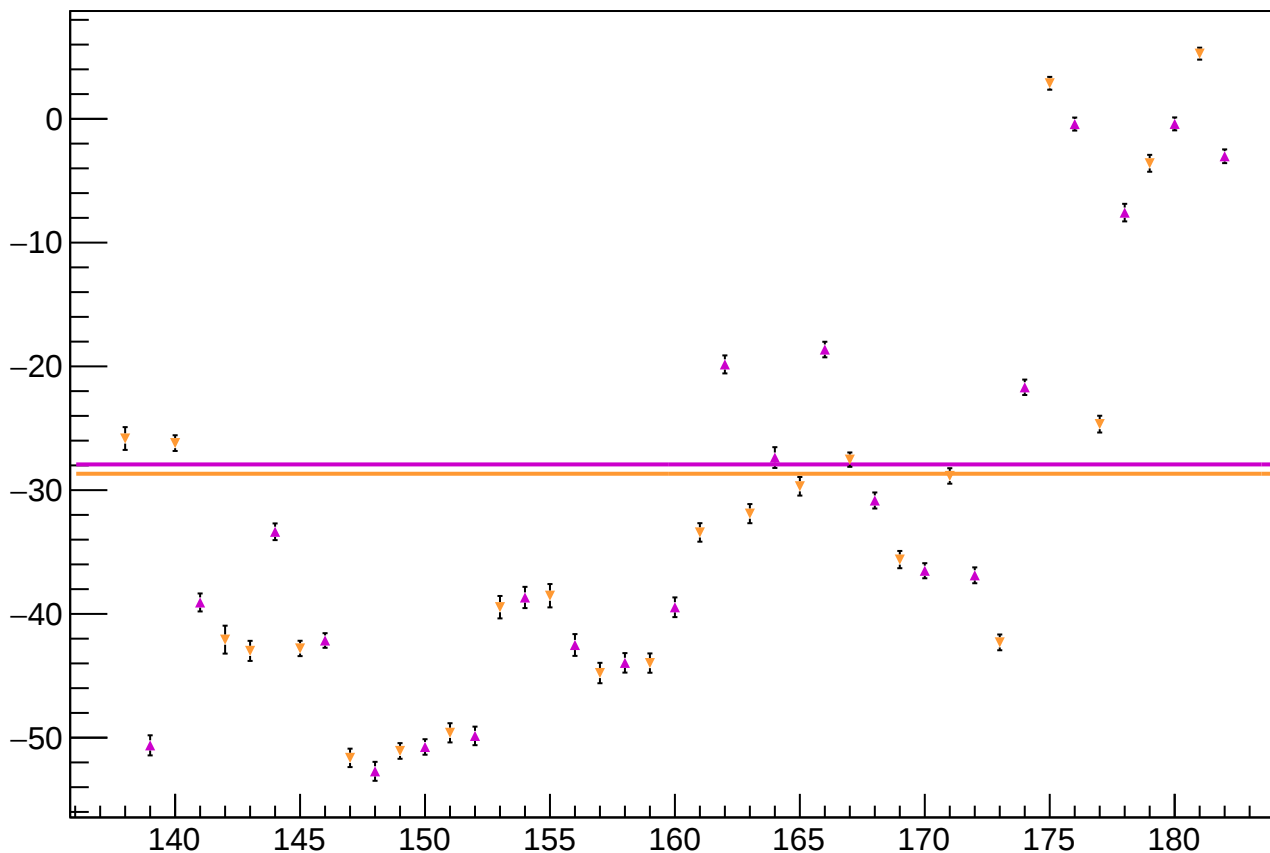
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261+/-0.111 χ^2/NDF : 7499.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.257+/-0.113 χ^2/NDF : 6257.8/21

Left: -0.005+/-0.079 χ^2/NDF : 13768.5/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.257+/-0.113 χ^2/NDF : 6257.8/21
 Out: -0.261+/-0.111 χ^2/NDF : 7499.9/22

All: -0.005+/-0.079 χ^2/NDF : 13768.5/44

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -28.675 $\pm$ 0.145 χ^2 /NDF:15581.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Left: -28.294 $\pm$ 0.102 χ^2 /NDF: 30748.5/44

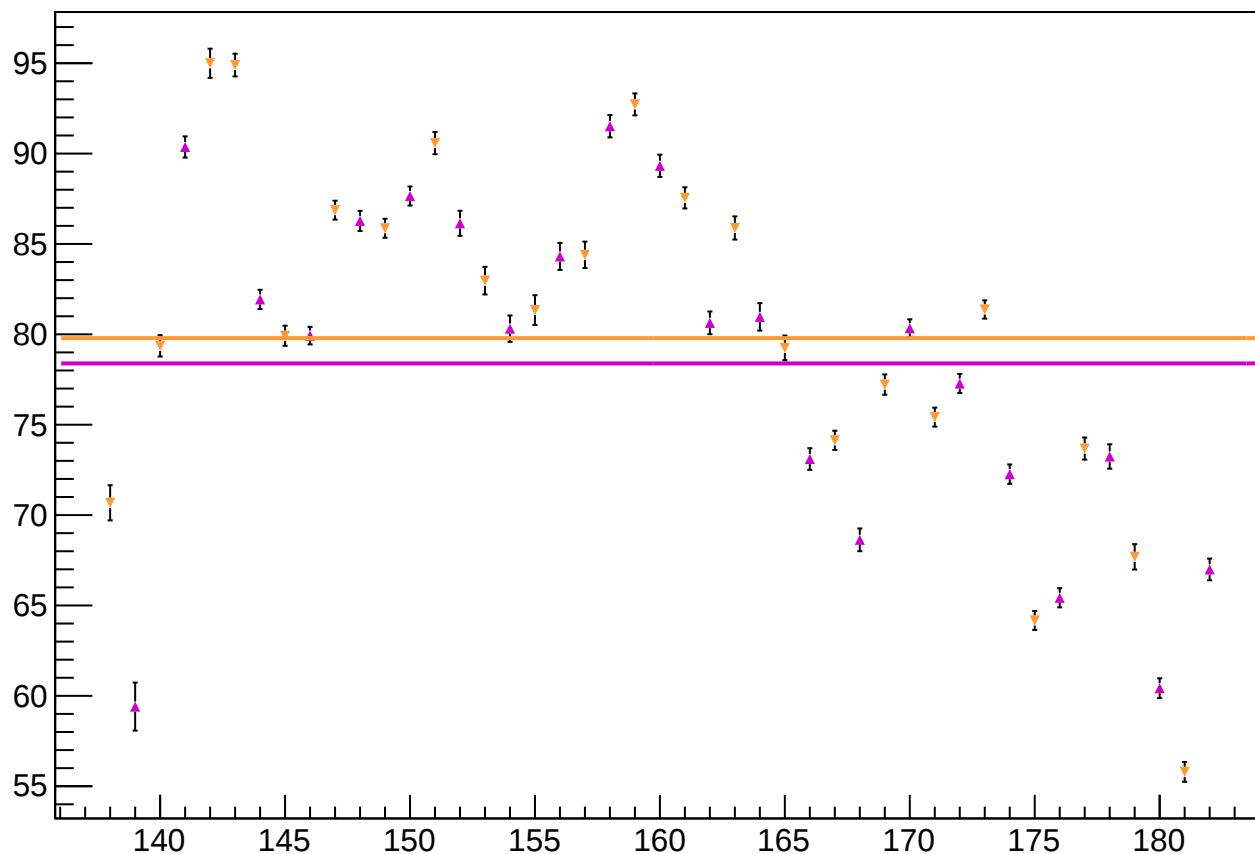
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Out: -28.675 $\pm$ 0.145 χ^2 /NDF:15581.4/22

All: -28.294 $\pm$ 0.102 χ^2 /NDF: 30748.5/44

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 79.791 $\pm$ 0.127 χ^2 /NDF:5838.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 78.390 $\pm$ 0.127 χ^2 /NDF:4733.3/21

Left: 79.094 $\pm$ 0.090 χ^2 /NDF: 10632.7/44

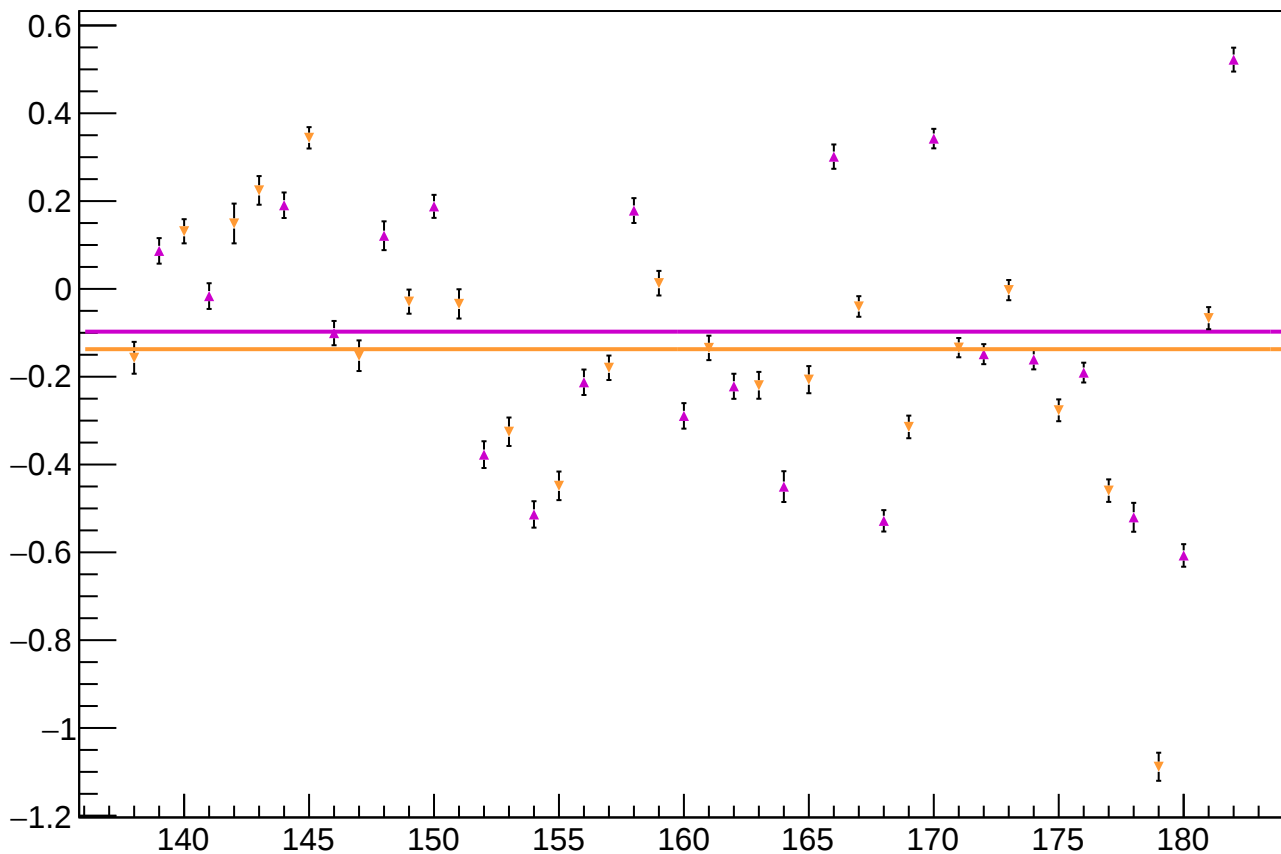
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 78.390 $\pm$ 0.127 χ^2 /NDF:4733.3/21

Out: 79.791 $\pm$ 0.127 χ^2 /NDF:5838.6/22

All: 79.094 $\pm$ 0.090 χ^2 /NDF: 10632.7/44

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.097 $\pm$ 0.006 χ^2 /NDF:2876.9/21

Left: -0.117 $\pm$ 0.004 χ^2 /NDF: 4923.8/44

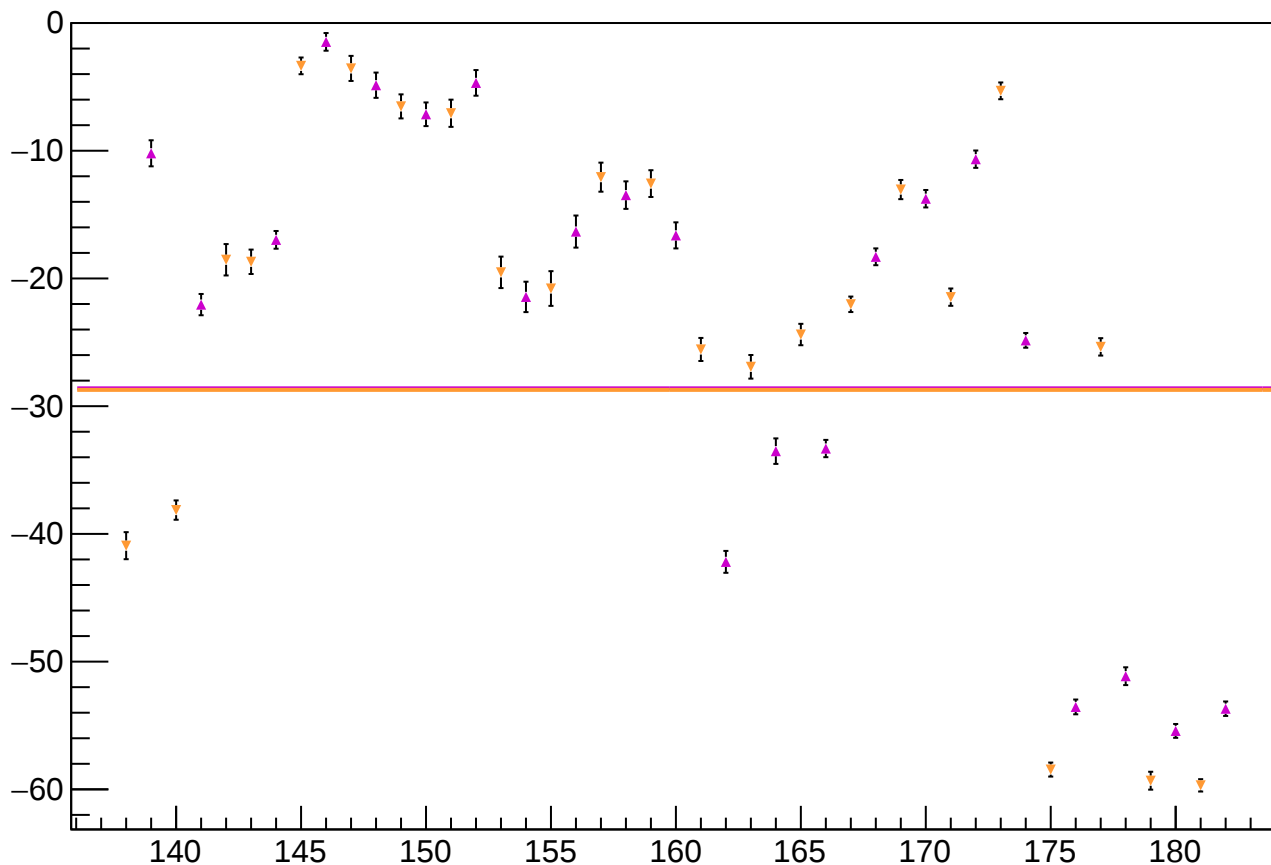
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.097 $\pm$ 0.006 χ^2 /NDF:2876.9/21

Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22

All: -0.117 $\pm$ 0.004 χ^2 /NDF: 4923.8/44

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.723+/-0.164 χ^2/NDF :15084.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Left: -28.663+/-0.115 χ^2/NDF : 28529.0/44

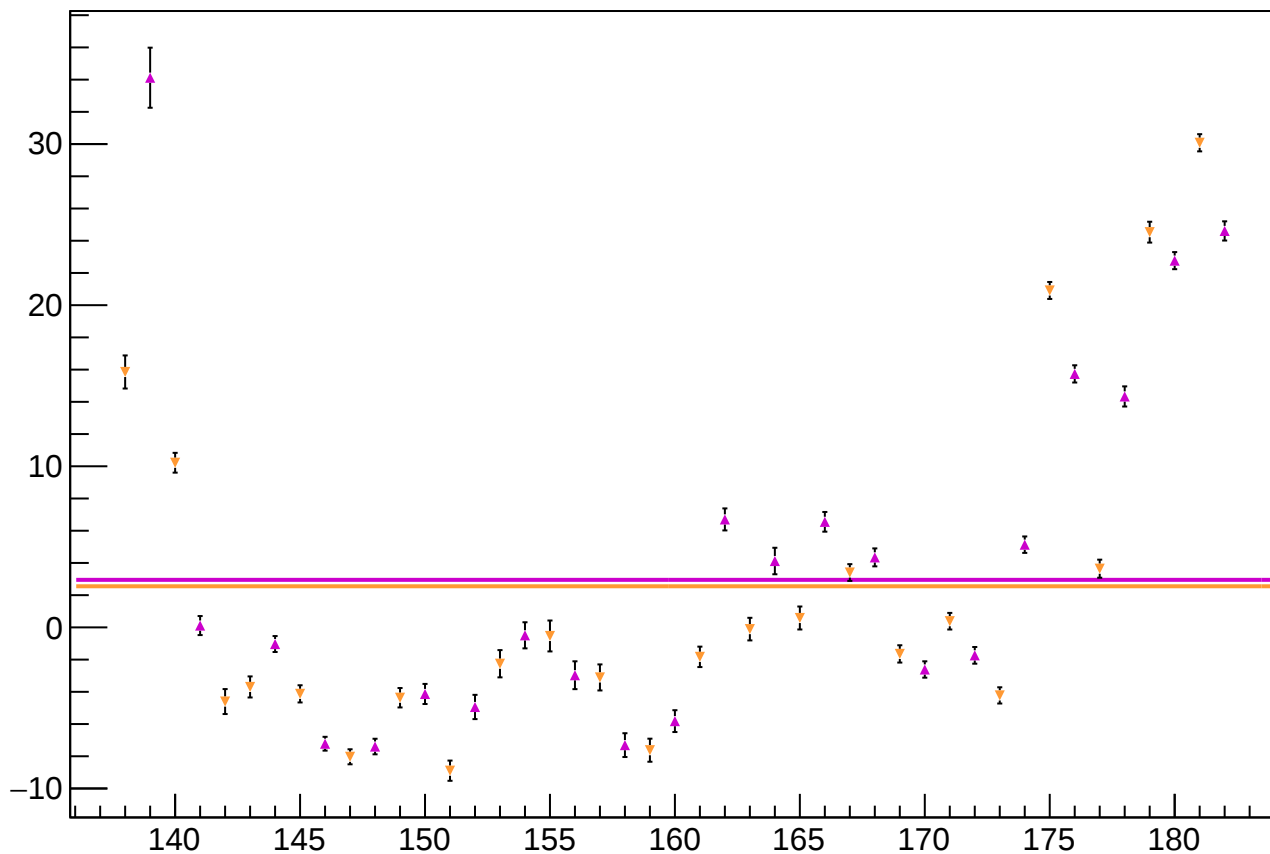
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Out: -28.723+/-0.164 χ^2/NDF :15084.0/22

All: -28.663+/-0.115 χ^2/NDF : 28529.0/44

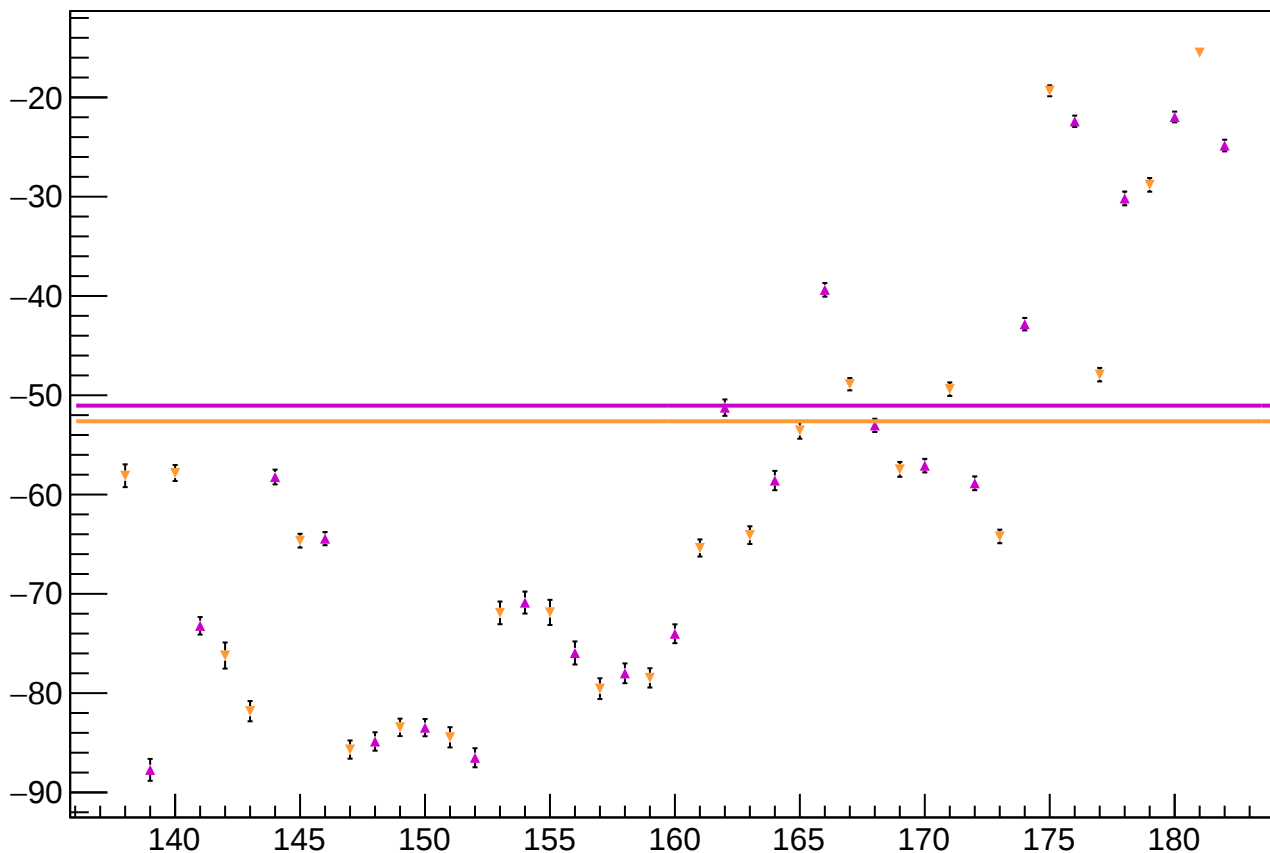
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.551 $\pm$ 0.128 χ^2 /NDF:7296.5/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.951 $\pm$ 0.127 χ^2 /NDF:5962.8/21

Left: 2.752 $\pm$ 0.090 χ^2 /NDF: 13264.2/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.951 $\pm$ 0.127 χ^2 /NDF:5962.8/21
 Out: 2.551 $\pm$ 0.128 χ^2 /NDF:7296.5/22
 All: 2.752 $\pm$ 0.090 χ^2 /NDF: 13264.2/44

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.618+/-0.165 χ^2/NDF :18019.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.043+/-0.161 χ^2/NDF :17457.8/21

Left: -51.814+/-0.115 χ^2/NDF : 35524.2/44

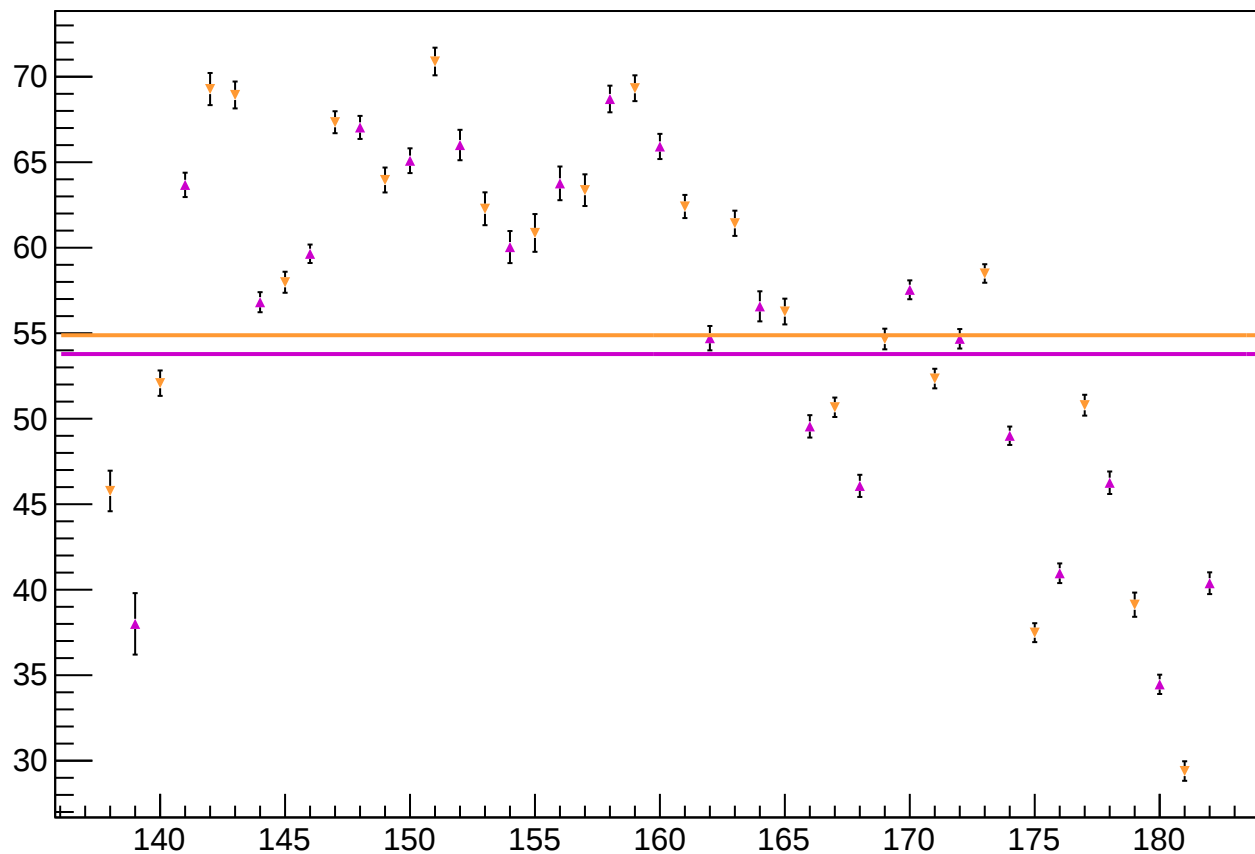
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.043+/-0.161 χ^2/NDF :17457.8/21

Out: -52.618+/-0.165 χ^2/NDF :18019.5/22

All: -51.814+/-0.115 χ^2/NDF : 35524.2/44

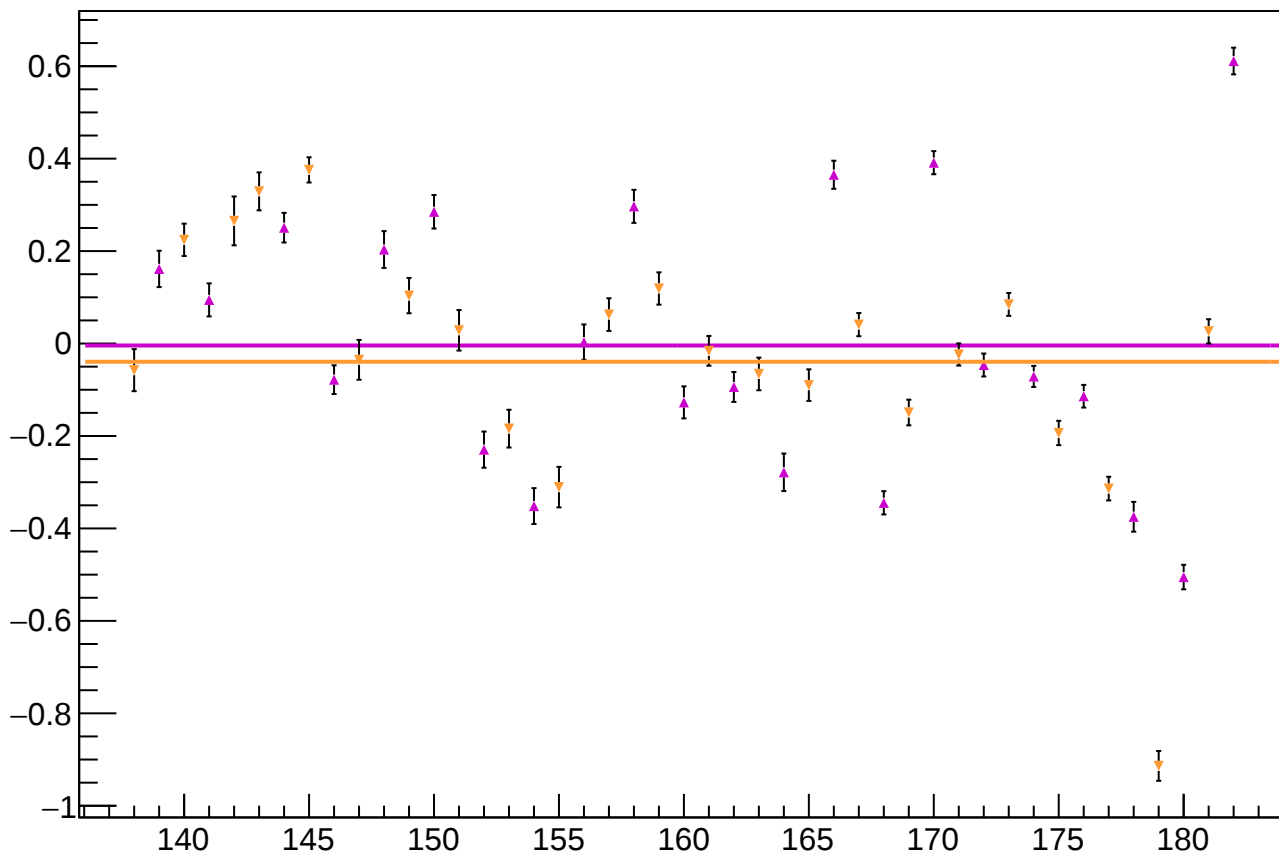
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 53.781 $\pm$ 0.144 χ^2 /NDF:4585.7/21

Left: 54.327 $\pm$ 0.102 χ^2 /NDF: 10575.2/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 53.781 $\pm$ 0.144 χ^2 /NDF:4585.7/21
 Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 All: 54.327 $\pm$ 0.102 χ^2 /NDF: 10575.2/44

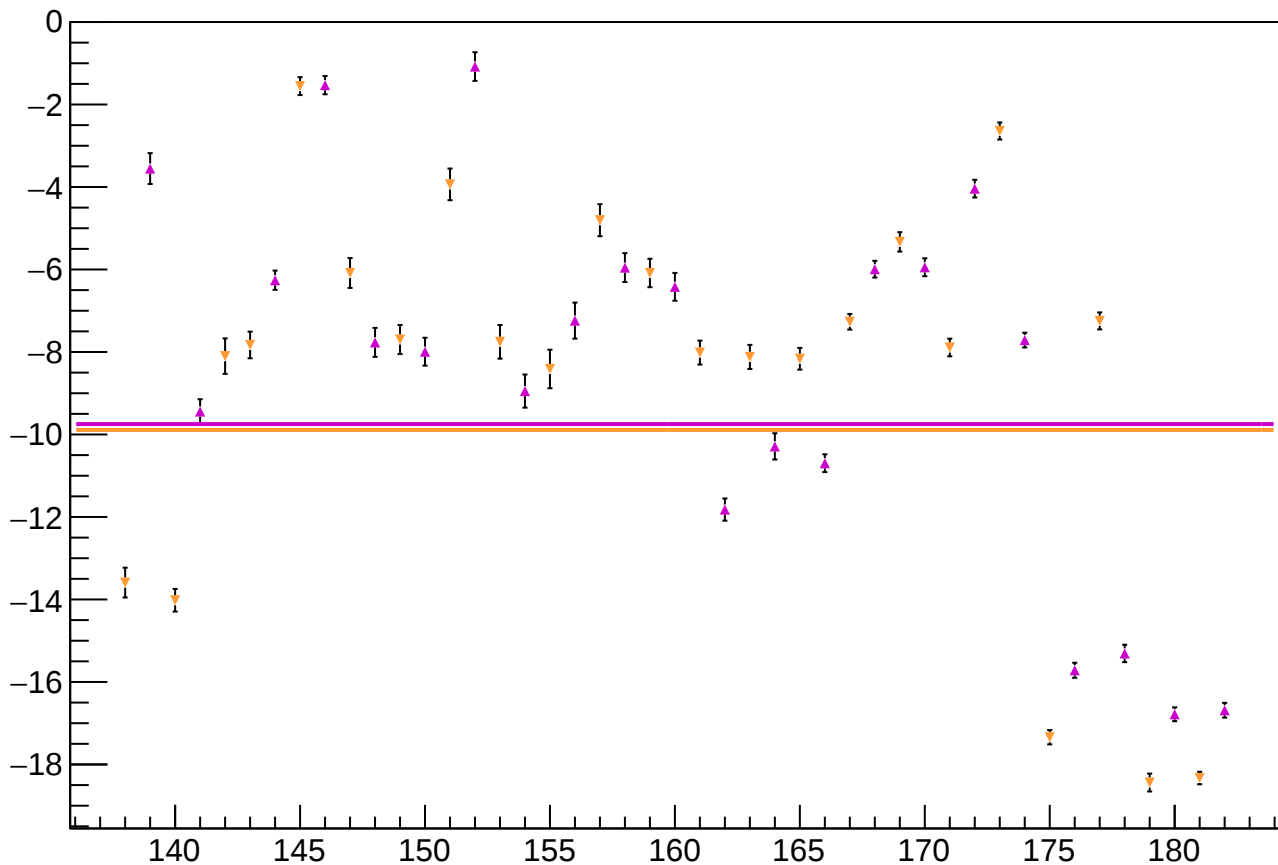
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.004 $\pm$ 0.007 χ^2 /NDF:1990.9/21

Left: -0.022 $\pm$ 0.005 χ^2 /NDF: 3448.6/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.004 $\pm$ 0.007 χ^2 /NDF:1990.9/21
 Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 All: -0.022 $\pm$ 0.005 χ^2 /NDF: 3448.6/44

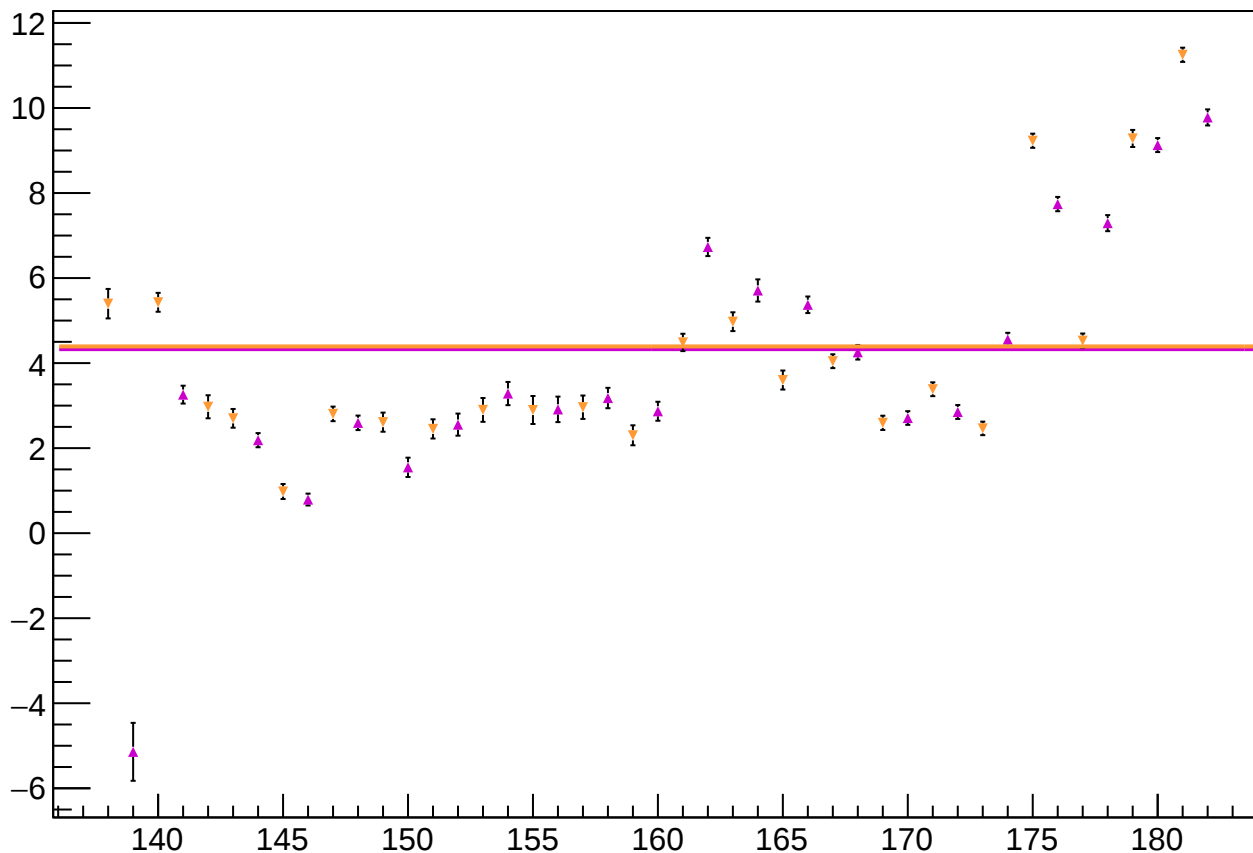
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.890 $\pm$ 0.053 χ^2 /NDF:11214.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21

Left: -9.817 $\pm$ 0.037 χ^2 /NDF: 20602.4/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21
 Out: -9.890 $\pm$ 0.053 χ^2 /NDF:11214.1/22
 All: -9.817 $\pm$ 0.037 χ^2 /NDF: 20602.4/44

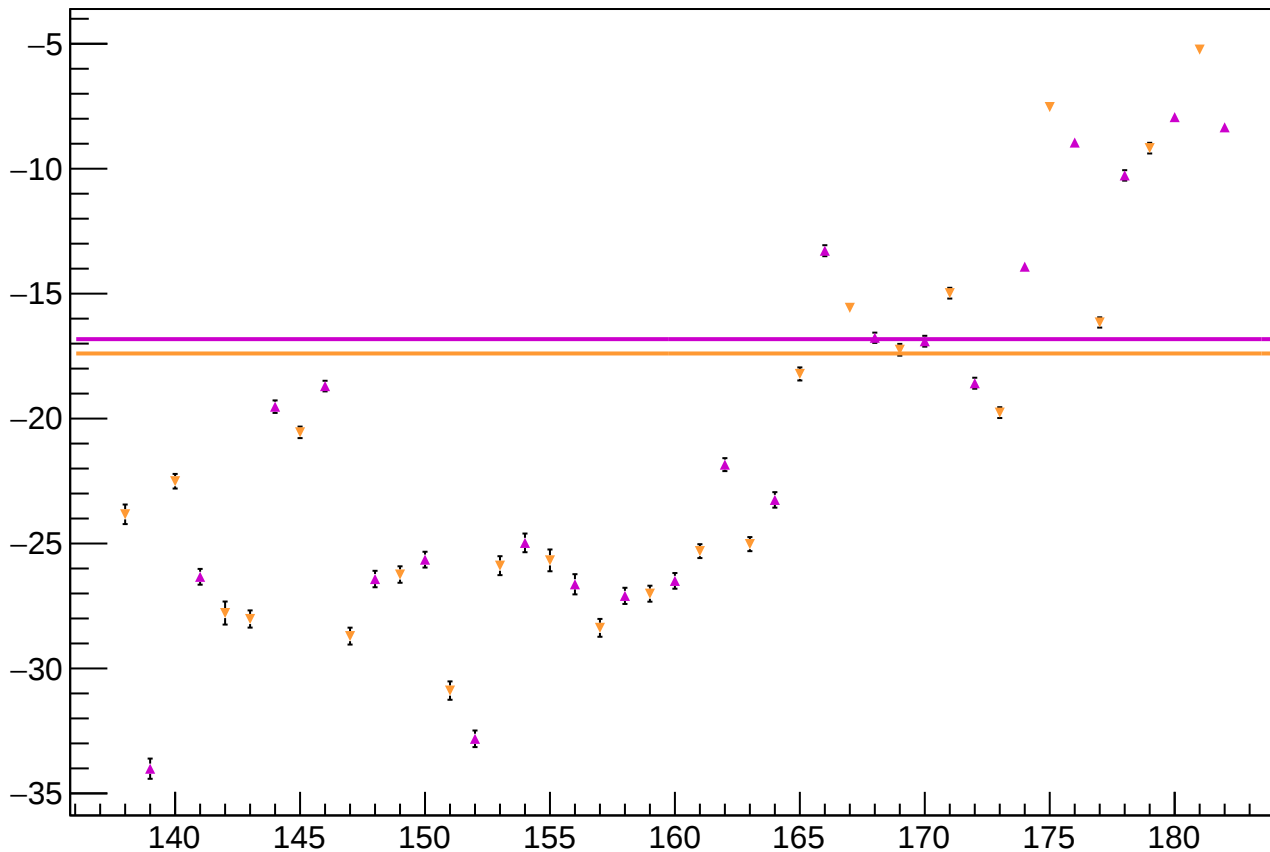
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.392 $\pm$ 0.042 χ^2 /NDF:4305.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.328 $\pm$ 0.041 χ^2 /NDF:4132.7/21

Left: 4.360 $\pm$ 0.029 χ^2 /NDF: 8439.2/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.328 $\pm$ 0.041 χ^2 /NDF:4132.7/21
 Out: 4.392 $\pm$ 0.042 χ^2 /NDF:4305.3/22
 All: 4.360 $\pm$ 0.029 χ^2 /NDF: 8439.2/44

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.395+/-0.053 χ^2/NDF :20649.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Left: -17.100+/-0.037 χ^2/NDF : 39690.3/44

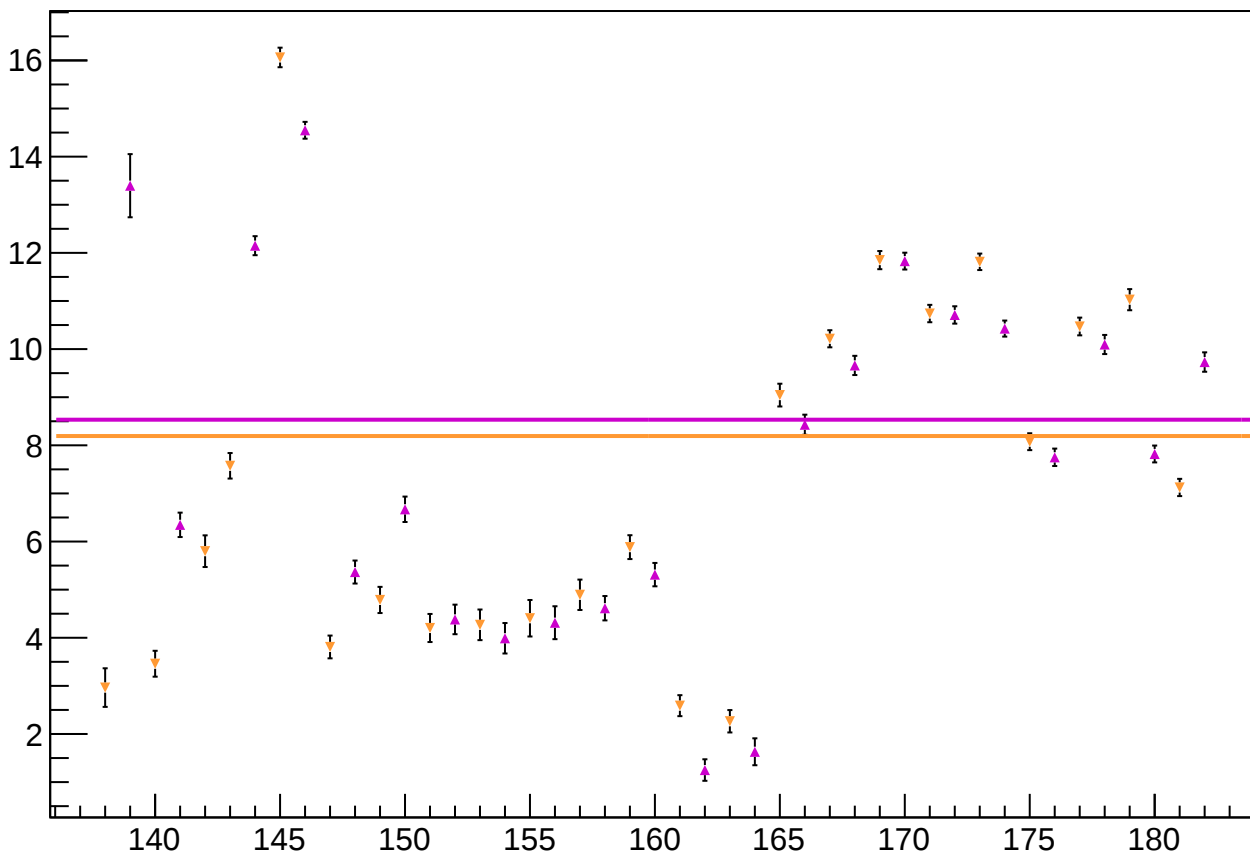
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Out: -17.395+/-0.053 χ^2/NDF :20649.1/22

All: -17.100+/-0.037 χ^2/NDF : 39690.3/44

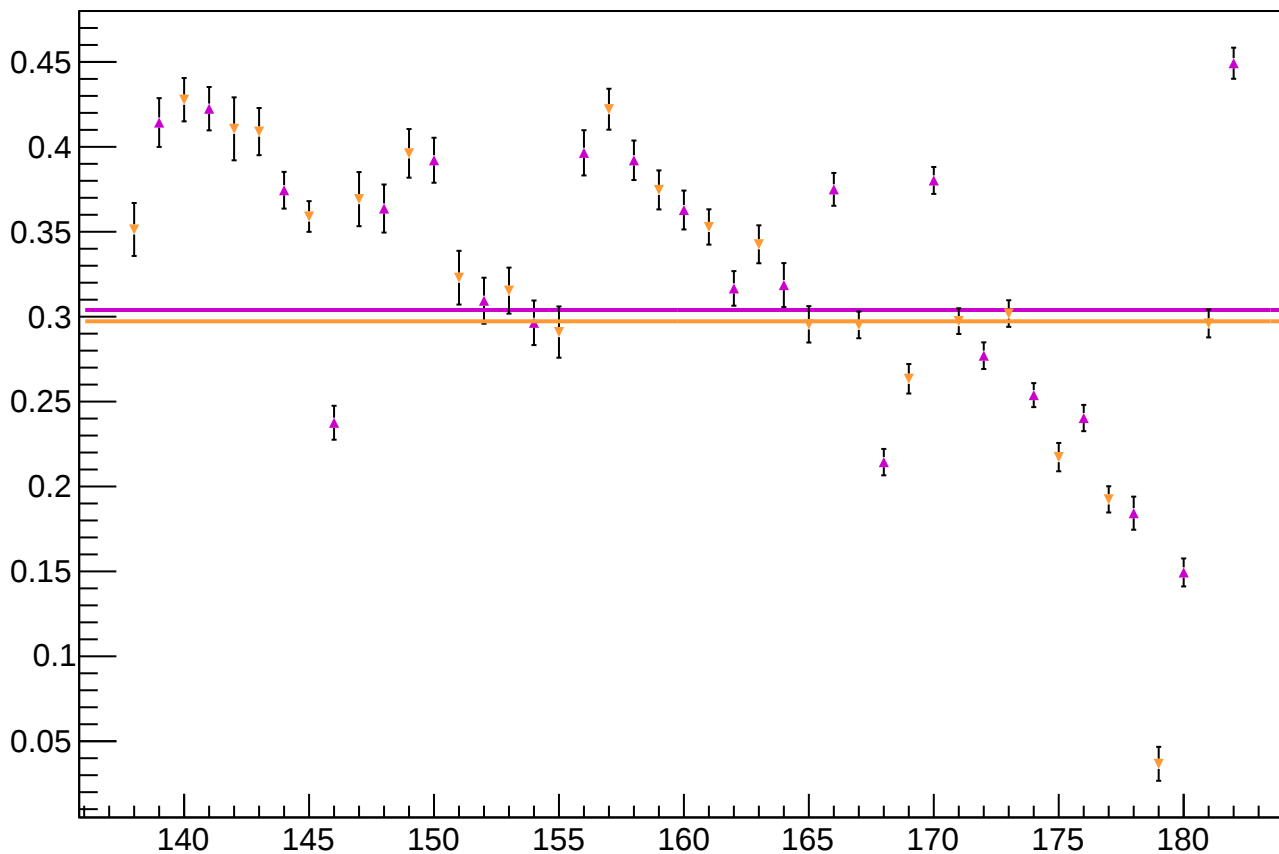
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.193 +/- 0.047 χ^2/NDF : 6001.0/22
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 8.532 +/- 0.046 χ^2/NDF : 5292.3/21

Left: 8.365 +/- 0.033 χ^2/NDF : 11319.6/44
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 8.532 +/- 0.046 χ^2/NDF : 5292.3/21
 Out: 8.193 +/- 0.047 χ^2/NDF : 6001.0/22
 All: 8.365 +/- 0.033 χ^2/NDF : 11319.6/44

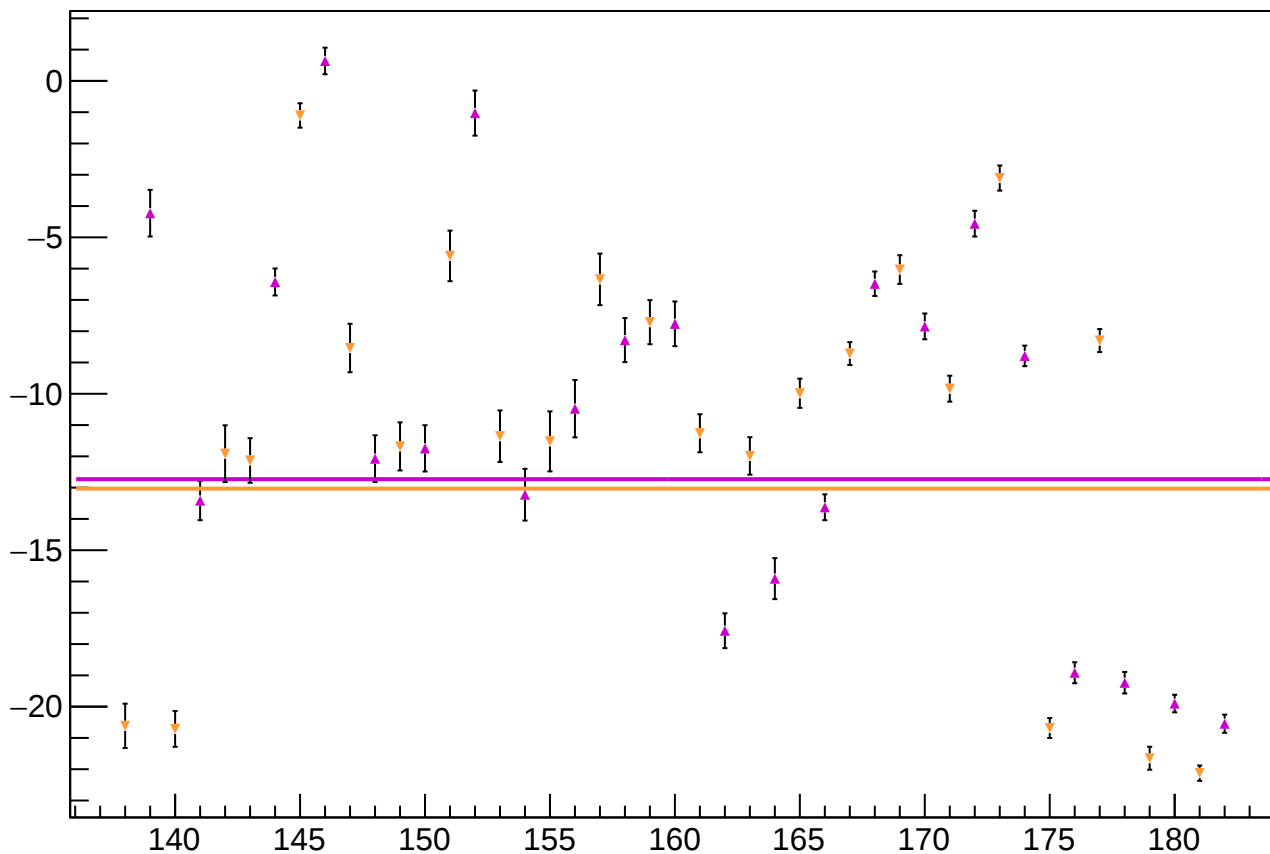
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.304 $\pm$ 0.002 χ^2 /NDF:1593.6/21

Left: 0.301 $\pm$ 0.002 χ^2 /NDF: 3105.0/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.304 $\pm$ 0.002 χ^2 /NDF:1593.6/21
 Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/22
 All: 0.301 $\pm$ 0.002 χ^2 /NDF: 3105.0/44

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



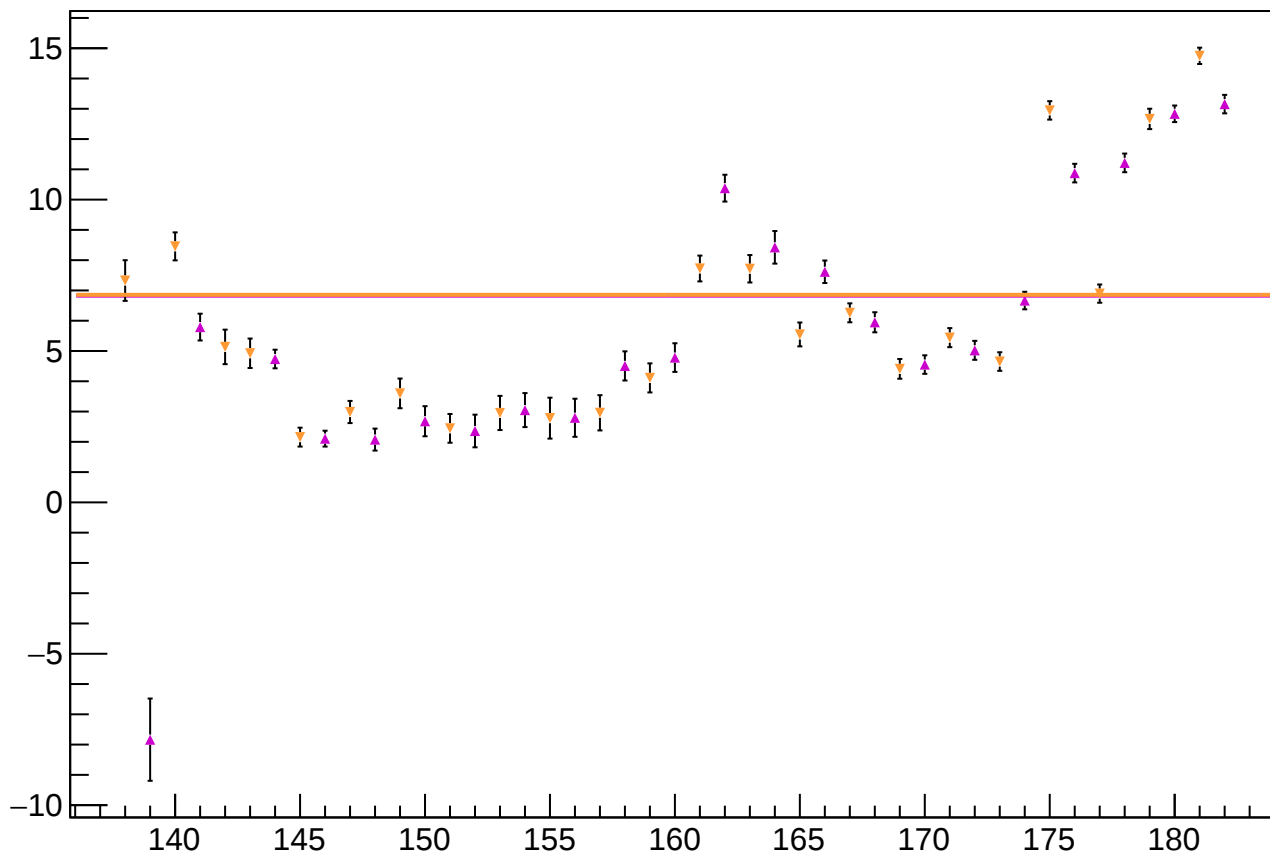
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.030 $\pm$ 0.099 χ^2 /NDF:5252.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -12.729 $\pm$ 0.096 χ^2 /NDF:4808.4/21

Left: -12.875 $\pm$ 0.069 χ^2 /NDF: 10065.3/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.729 $\pm$ 0.096 χ^2 /NDF:4808.4/21
 Out: -13.030 $\pm$ 0.099 χ^2 /NDF:5252.1/22

All: -12.875 $\pm$ 0.069 χ^2 /NDF: 10065.3/44

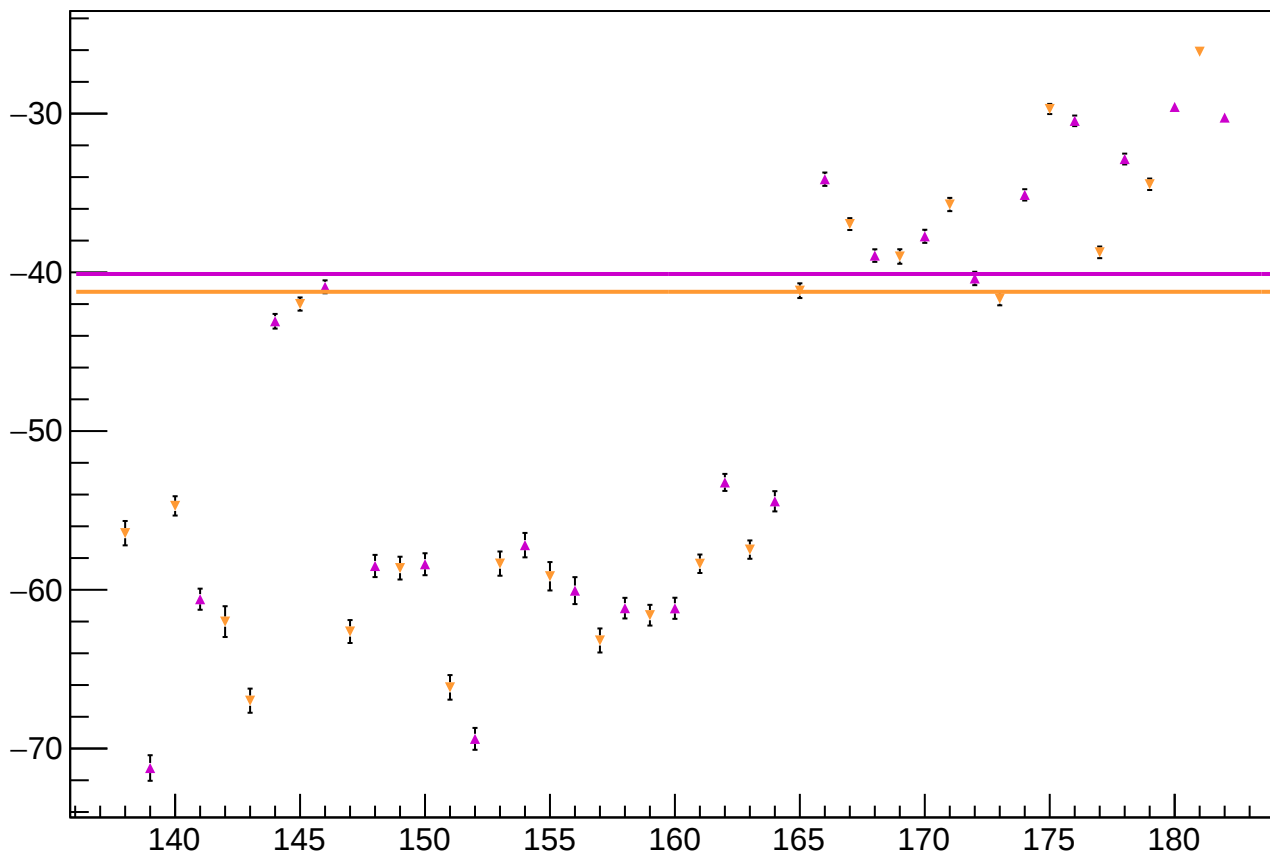
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.828+/-0.078 χ^2/NDF :2393.1/21

Left: 6.841+/-0.056 χ^2/NDF : 4767.4/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.828+/-0.078 χ^2/NDF :2393.1/21
 Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 All: 6.841+/-0.056 χ^2/NDF : 4767.4/44

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.226 ± 0.100 χ^2/NDF : 14918.7/22

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -40.104 ± 0.097 χ^2/NDF : 14102.8/21

Left: -40.645 ± 0.070 χ^2/NDF : 29086.5/44

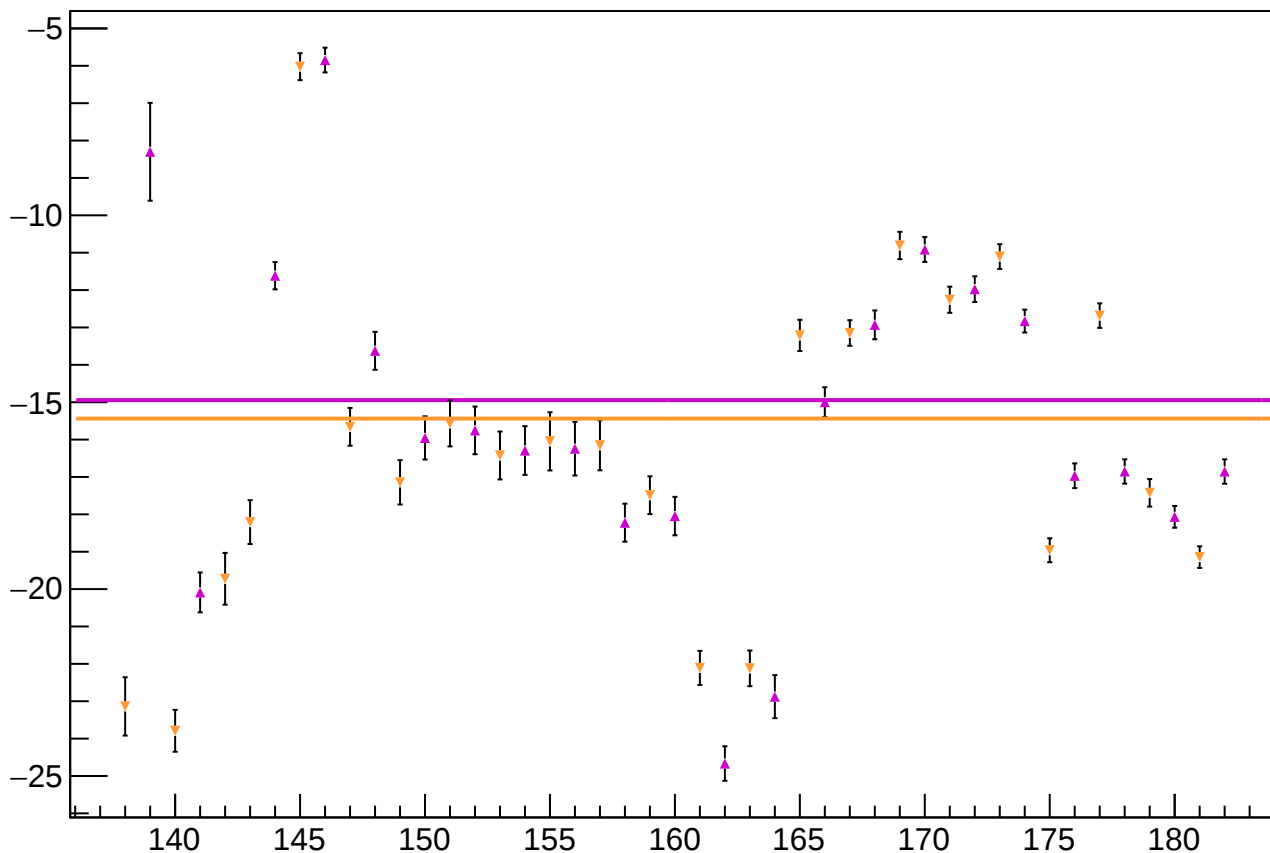
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -40.104 ± 0.097 χ^2/NDF : 14102.8/21

Out: -41.226 ± 0.100 χ^2/NDF : 14918.7/22

All: -40.645 ± 0.070 χ^2/NDF : 29086.5/44

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.438+/-0.090 χ^2/NDF : 2374.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.944+/-0.087 χ^2/NDF : 2203.8/21

Left: -15.185+/-0.063 χ^2/NDF : 4593.4/44

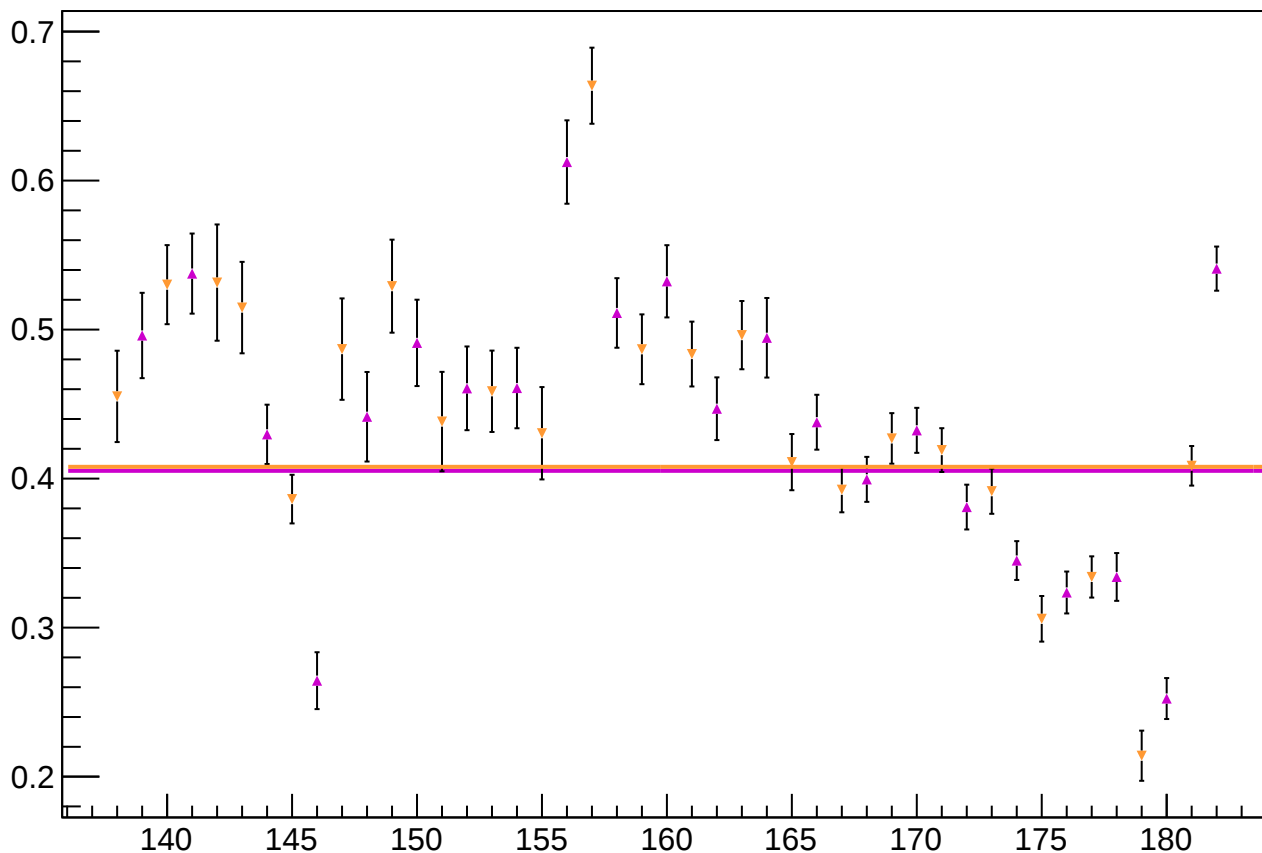
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.944+/-0.087 χ^2/NDF : 2203.8/21

Out: -15.438+/-0.090 χ^2/NDF : 2374.1/22

All: -15.185+/-0.063 χ^2/NDF : 4593.4/44

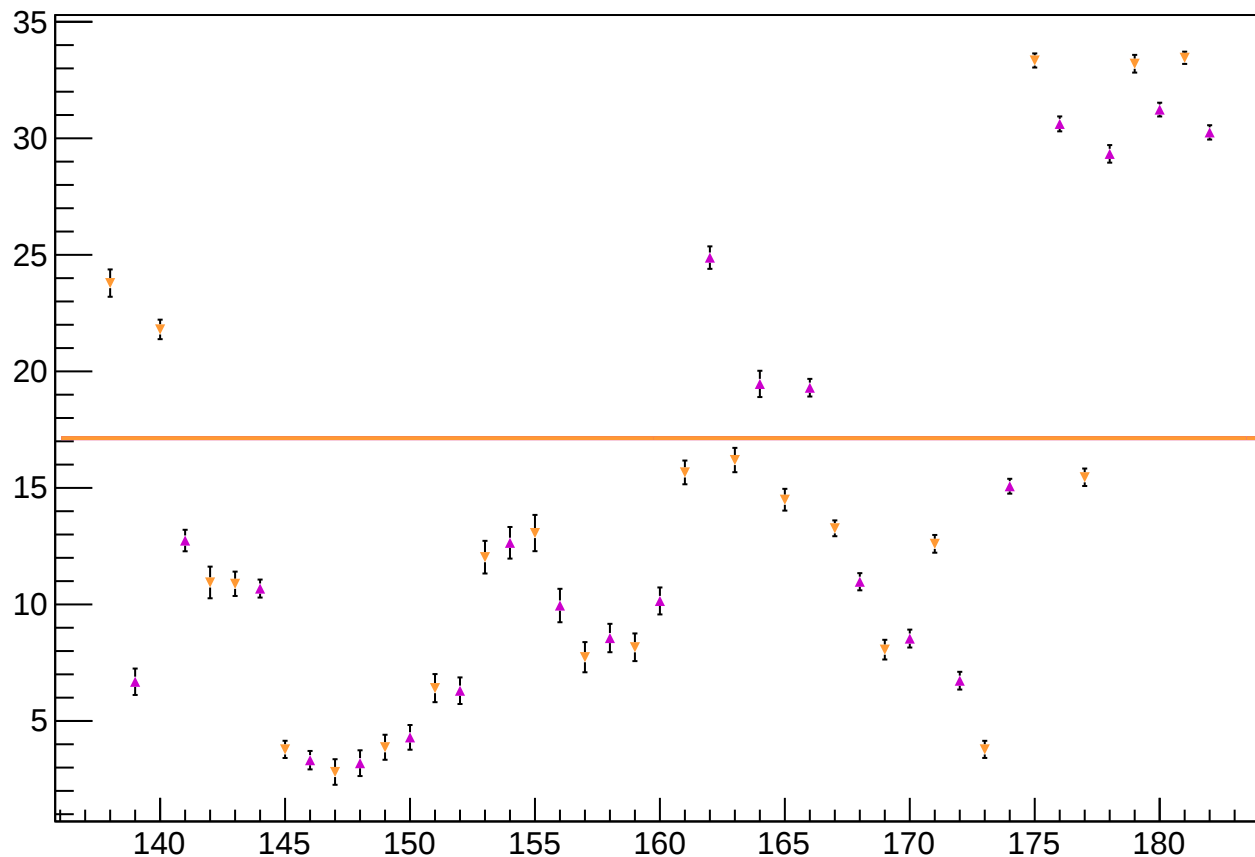
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21

Left: 0.407 $\pm$ 0.003 χ^2 /NDF: 939.7/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21
 Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/22
 All: 0.407 $\pm$ 0.003 χ^2 /NDF: 939.7/44

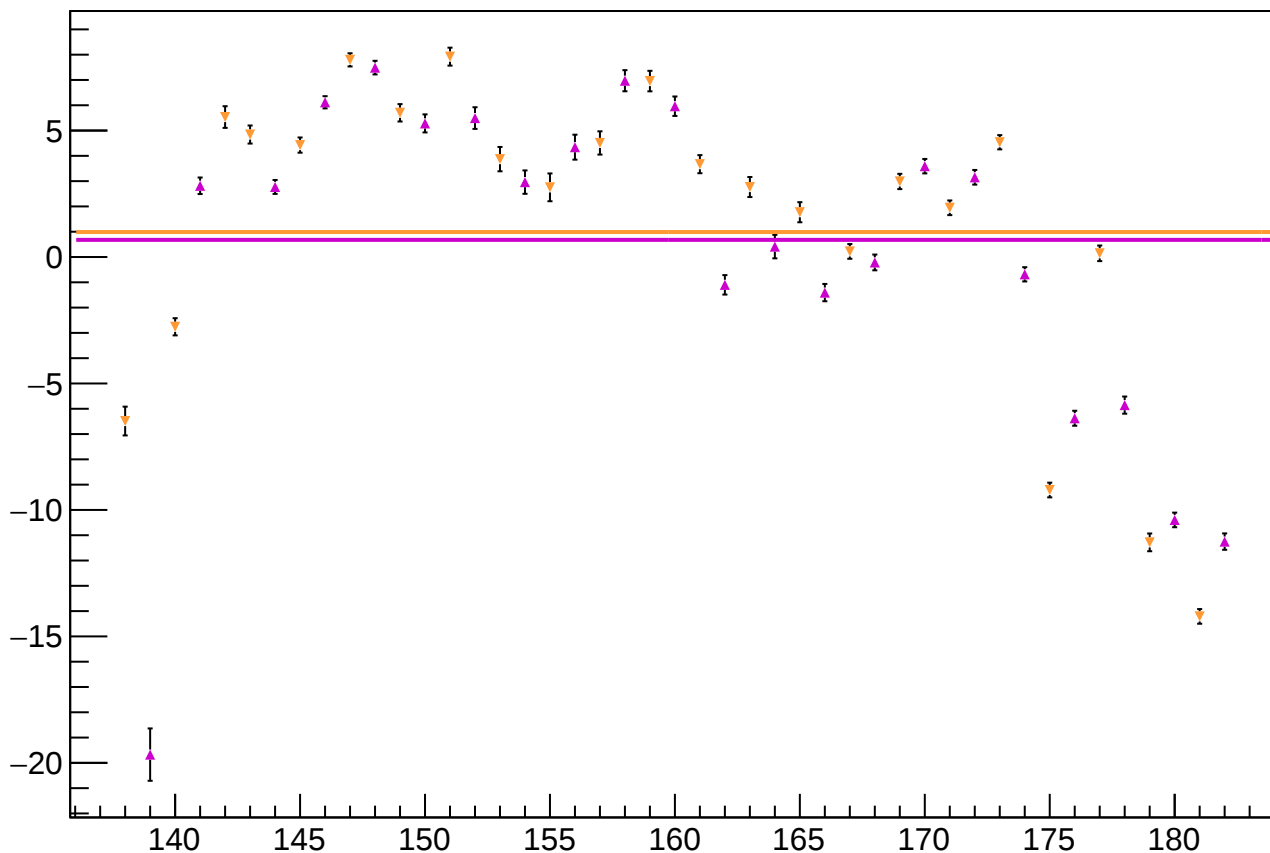
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.136+/-0.091 χ^2/NDF :14531.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.135+/-0.090 χ^2/NDF :12794.3/21

Left: 17.135+/-0.064 χ^2/NDF : 27325.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.135+/-0.090 χ^2/NDF :12794.3/21
 Out: 17.136+/-0.091 χ^2/NDF :14531.2/22
 All: 17.135+/-0.064 χ^2/NDF : 27325.6/44

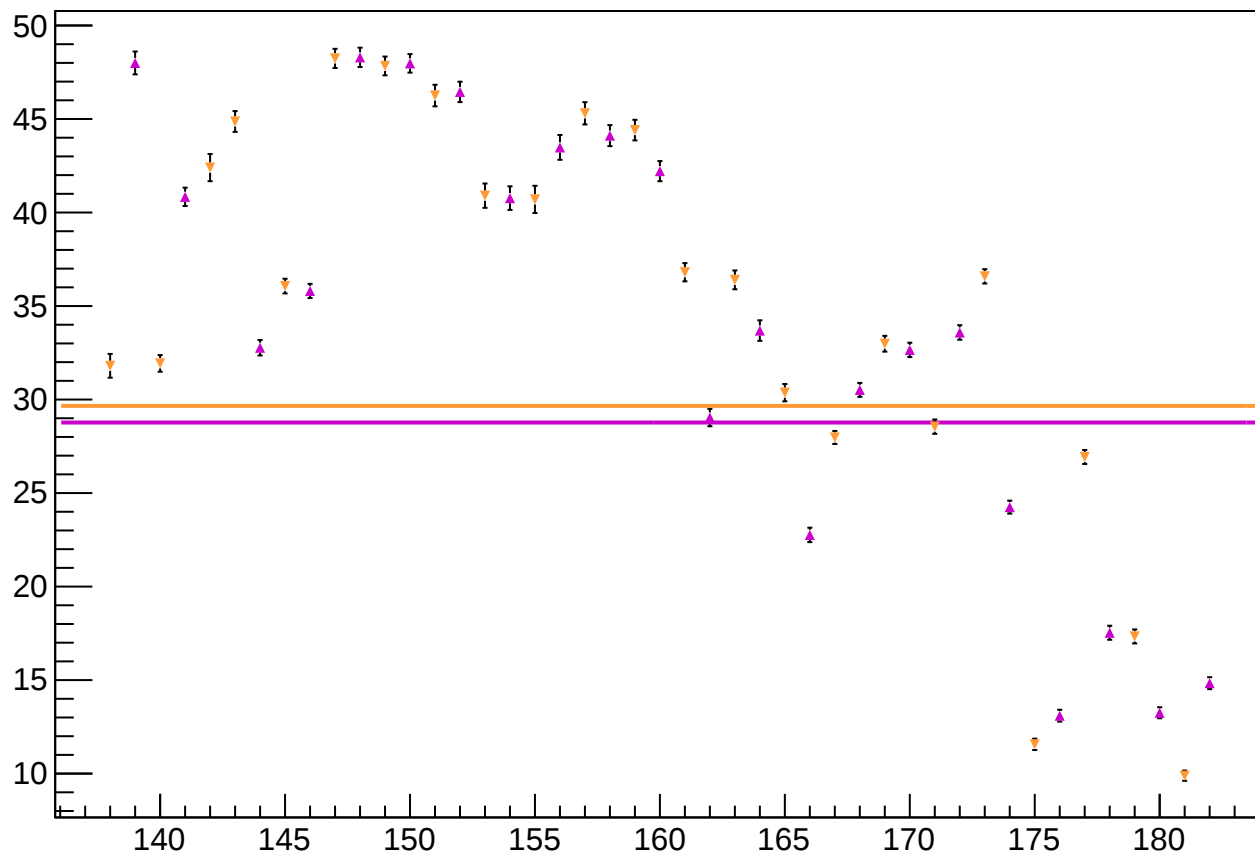
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.988 $\pm$ 0.071 χ^2 /NDF:7735.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21

Left: 0.832 $\pm$ 0.050 χ^2 /NDF: 14199.1/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21
 Out: 0.988 $\pm$ 0.071 χ^2 /NDF:7735.4/22
 All: 0.832 $\pm$ 0.050 χ^2 /NDF: 14199.1/44

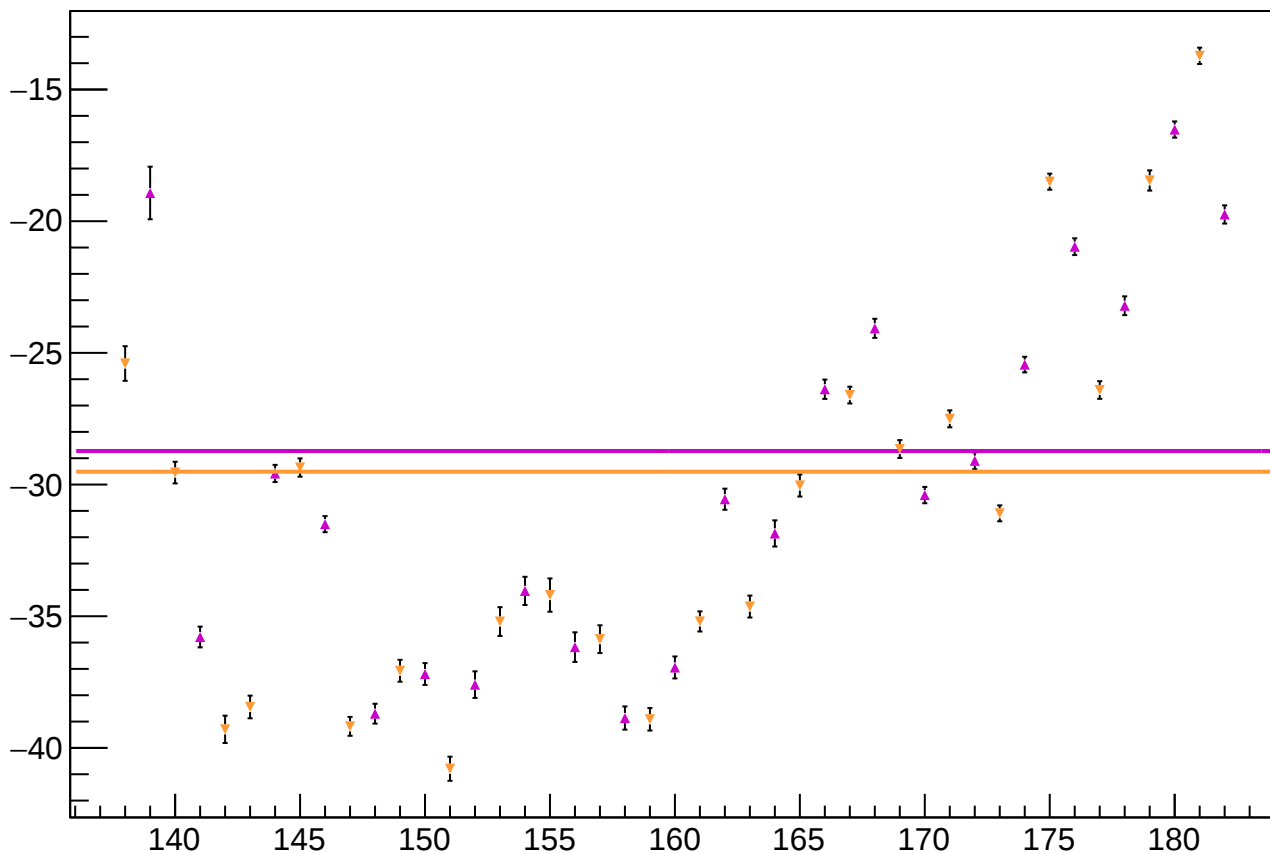
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.661 $\pm$ 0.092 χ^2 /NDF:17489.0/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 28.772 $\pm$ 0.090 χ^2 /NDF:17026.5/21

Left: 29.207 $\pm$ 0.064 χ^2 /NDF: 34563.6/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 28.772 $\pm$ 0.090 χ^2 /NDF:17026.5/21
 Out: 29.661 $\pm$ 0.092 χ^2 /NDF:17489.0/22
 All: 29.207 $\pm$ 0.064 χ^2 /NDF: 34563.6/44

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.511 $\pm$ 0.081 χ^2 /NDF:8617.1/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -28.726 $\pm$ 0.080 χ^2 /NDF:6632.3/21

Left: -29.116 $\pm$ 0.057 χ^2 /NDF: 15297.0/44

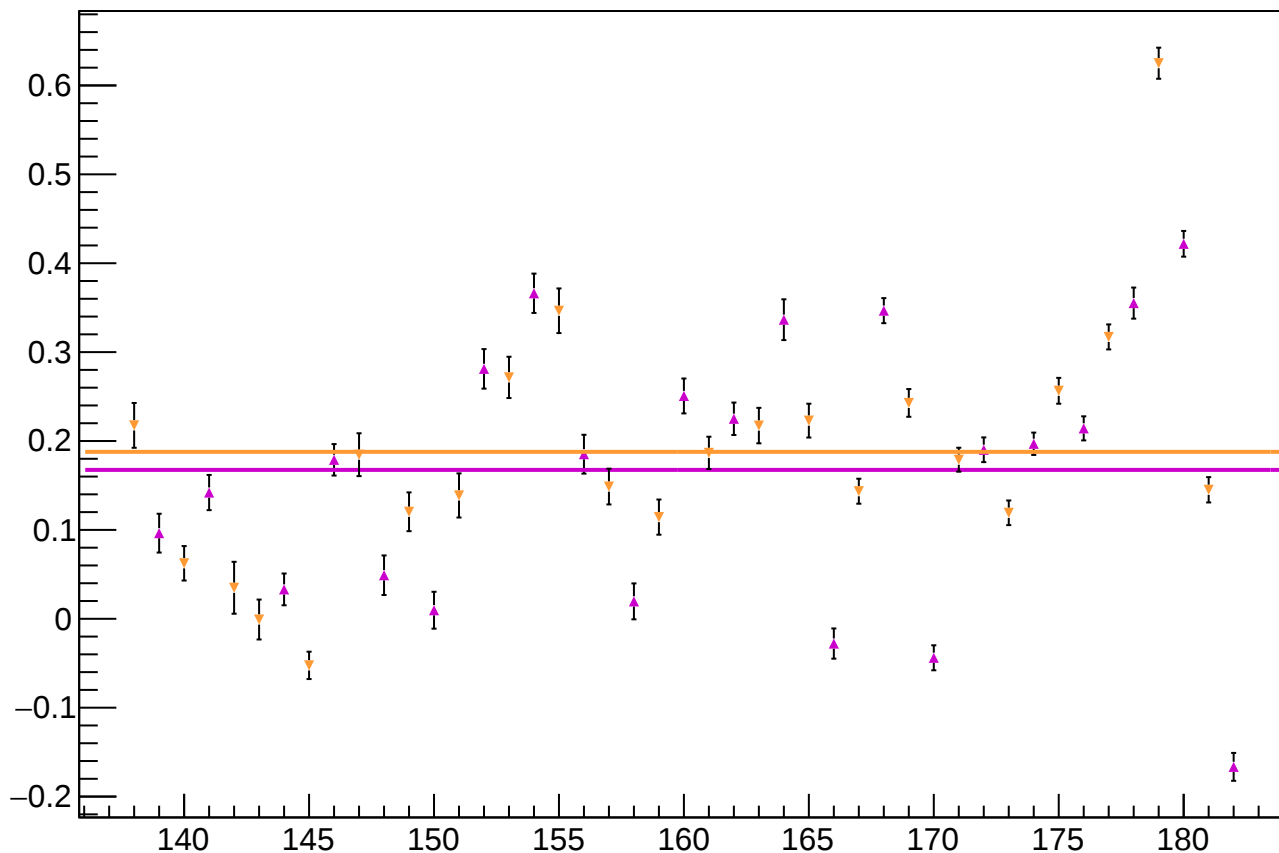
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.726 $\pm$ 0.080 χ^2 /NDF:6632.3/21

Out: -29.511 $\pm$ 0.081 χ^2 /NDF:8617.1/22

All: -29.116 $\pm$ 0.057 χ^2 /NDF: 15297.0/44

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.188 $\pm$ 0.004 χ^2 /NDF:1262.2/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.168 $\pm$ 0.004 χ^2 /NDF:1816.8/21

Left: 0.177 $\pm$ 0.003 χ^2 /NDF: 3094.0/44

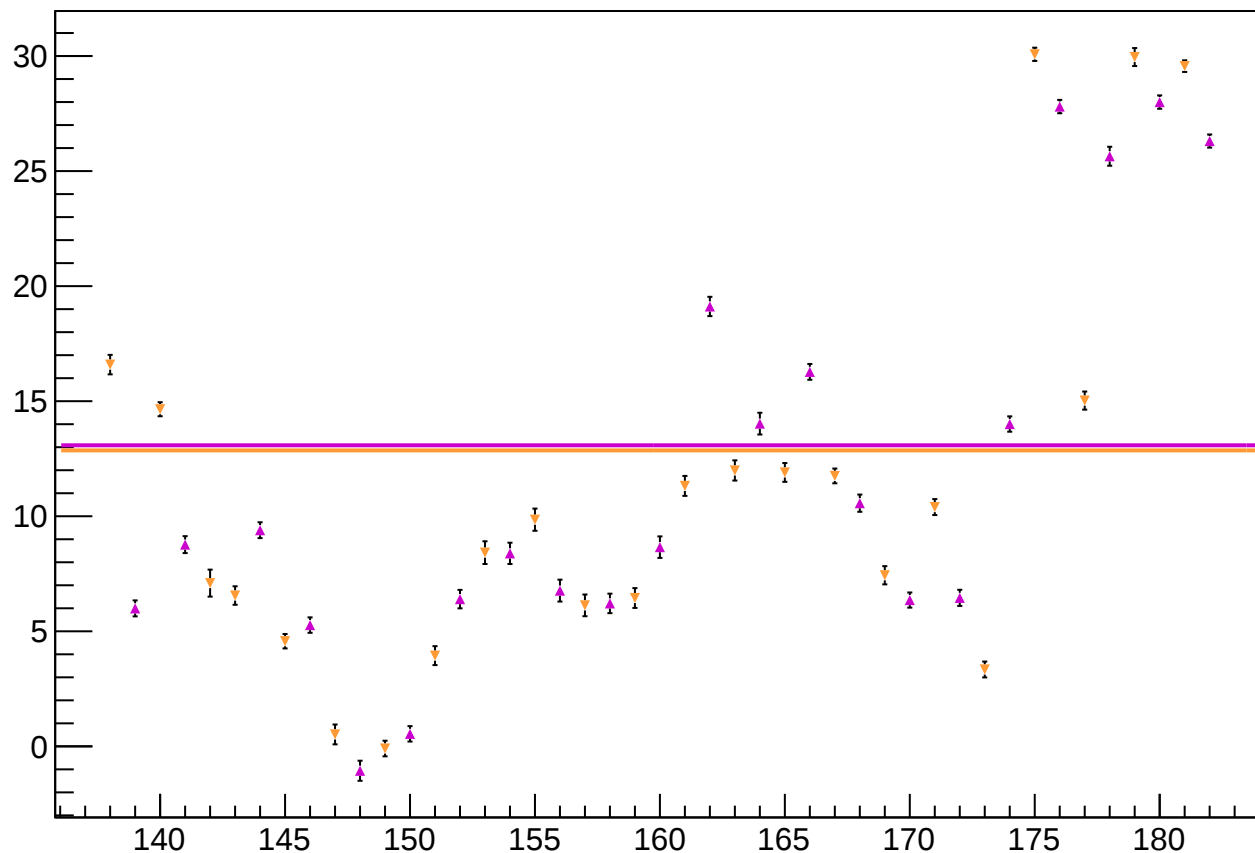
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.168 $\pm$ 0.004 χ^2 /NDF:1816.8/21

Out: 0.188 $\pm$ 0.004 χ^2 /NDF:1262.2/22

All: 0.177 $\pm$ 0.003 χ^2 /NDF: 3094.0/44

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 12.862+/-0.078 χ^2/NDF :15324.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.083+/-0.077 χ^2/NDF :13965.6/21

Left: 12.974+/-0.055 χ^2/NDF : 29293.8/44

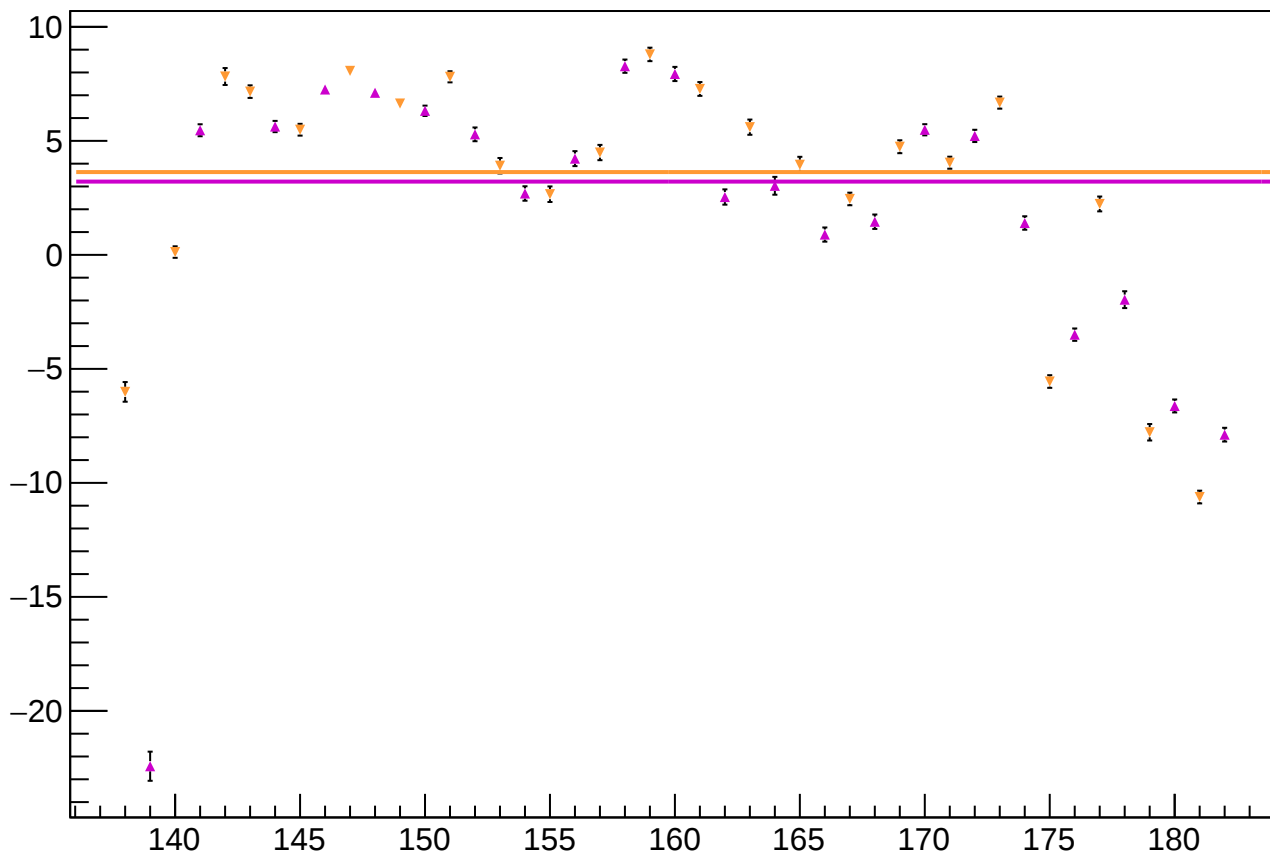
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.083+/-0.077 χ^2/NDF :13965.6/21

Out: 12.862+/-0.078 χ^2/NDF :15324.1/22

All: 12.974+/-0.055 χ^2/NDF : 29293.8/44

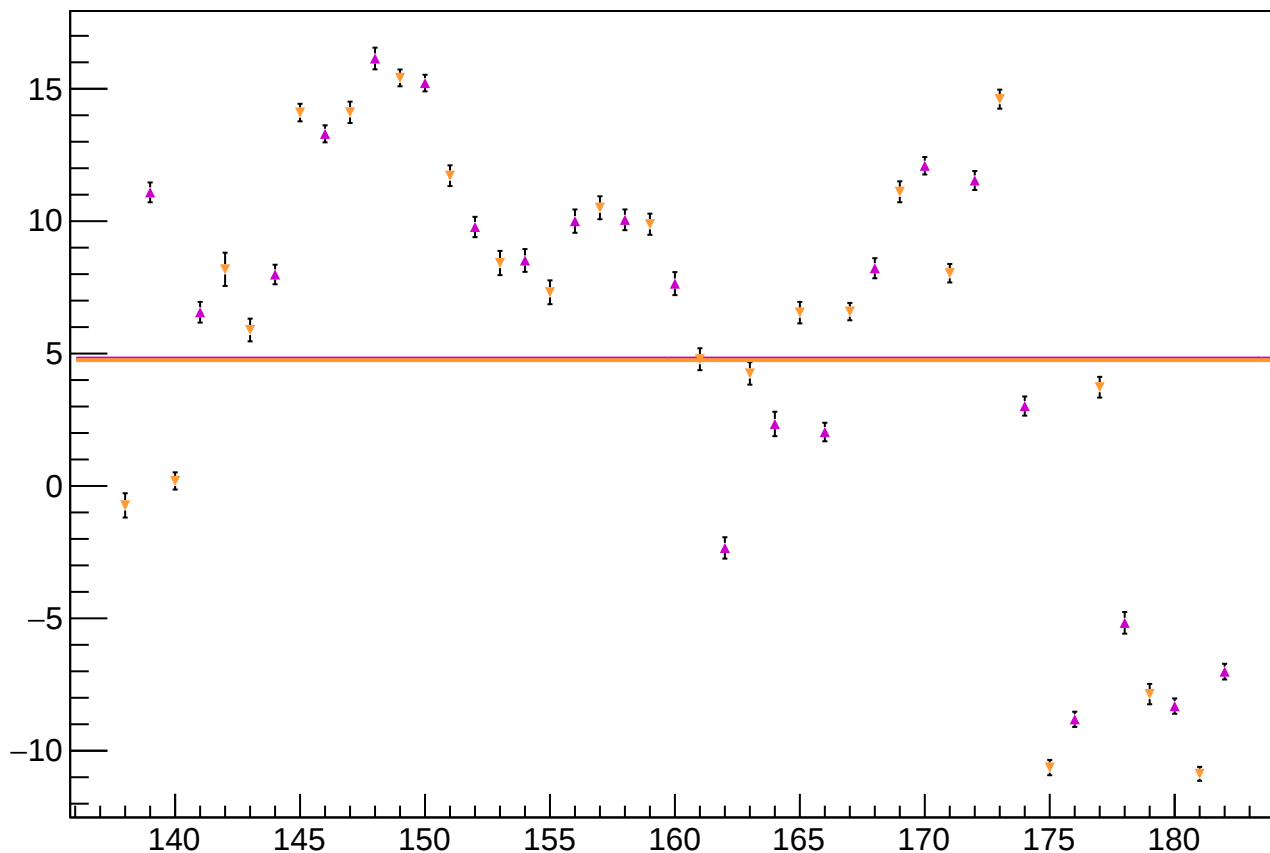
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.632 $\pm$ 0.060 χ^2 /NDF:7351.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.214 $\pm$ 0.061 χ^2 /NDF:6873.0/21

Left: 3.426 $\pm$ 0.043 χ^2 /NDF: 14248.3/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.214 $\pm$ 0.061 χ^2 /NDF:6873.0/21
 Out: 3.632 $\pm$ 0.060 χ^2 /NDF:7351.3/22
 All: 3.426 $\pm$ 0.043 χ^2 /NDF: 14248.3/44

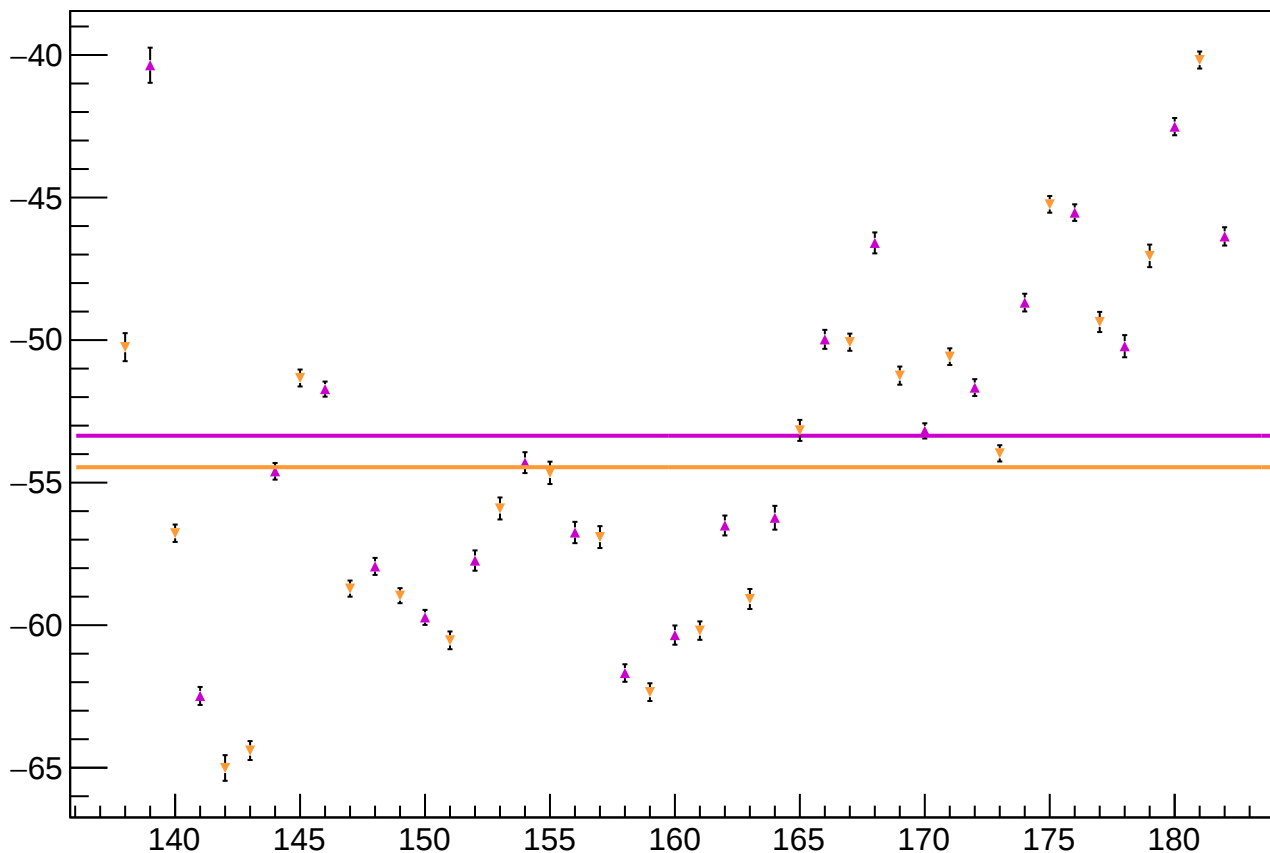
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.753+/-0.078 χ^2/NDF :12188.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.810+/-0.077 χ^2/NDF :11378.4/21

Left: 4.782+/-0.055 χ^2/NDF : 23566.8/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.810+/-0.077 χ^2/NDF :11378.4/21
 Out: 4.753+/-0.078 χ^2/NDF :12188.1/22
 All: 4.782+/-0.055 χ^2/NDF : 23566.8/44

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.459+/-0.068 χ^2/NDF : 8115.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.355+/-0.069 χ^2/NDF : 6931.7/21

Left: -53.912+/-0.048 χ^2/NDF : 15176.6/44

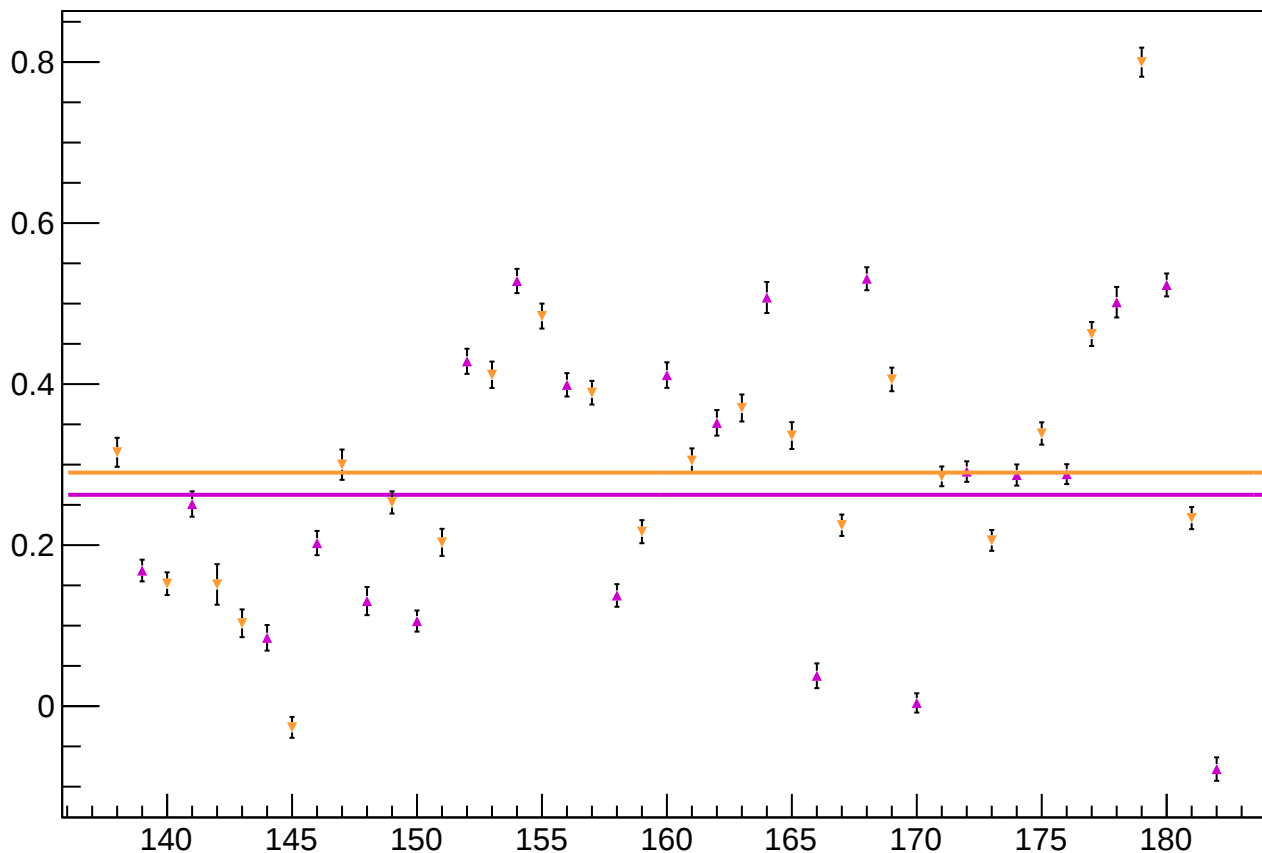
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.355+/-0.069 χ^2/NDF : 6931.7/21

Out: -54.459+/-0.068 χ^2/NDF : 8115.2/22

All: -53.912+/-0.048 χ^2/NDF : 15176.6/44

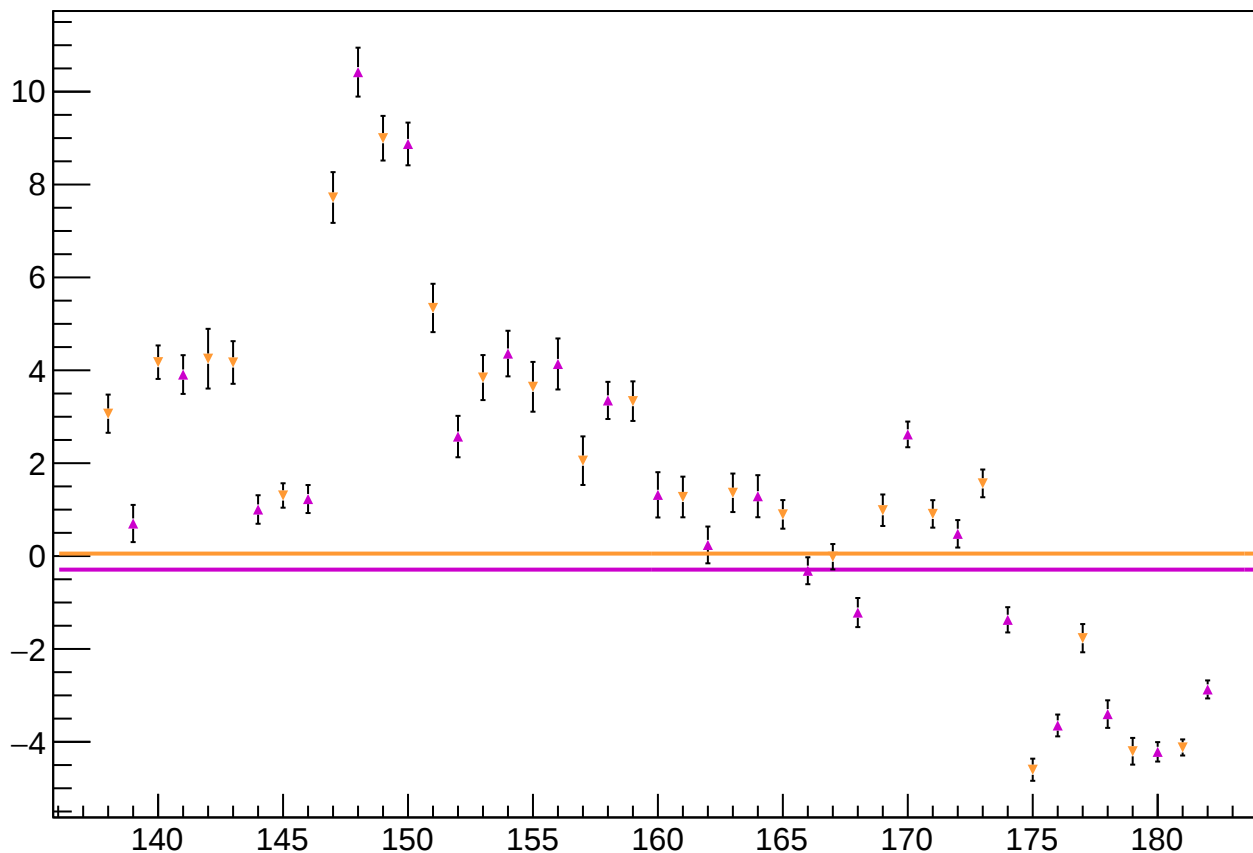
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.263 $\pm$ 0.003 χ^2 /NDF:3349.6/21

Left: 0.276 $\pm$ 0.002 χ^2 /NDF: 5667.7/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.263 $\pm$ 0.003 χ^2 /NDF:3349.6/21
 Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 All: 0.276 $\pm$ 0.002 χ^2 /NDF: 5667.7/44

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



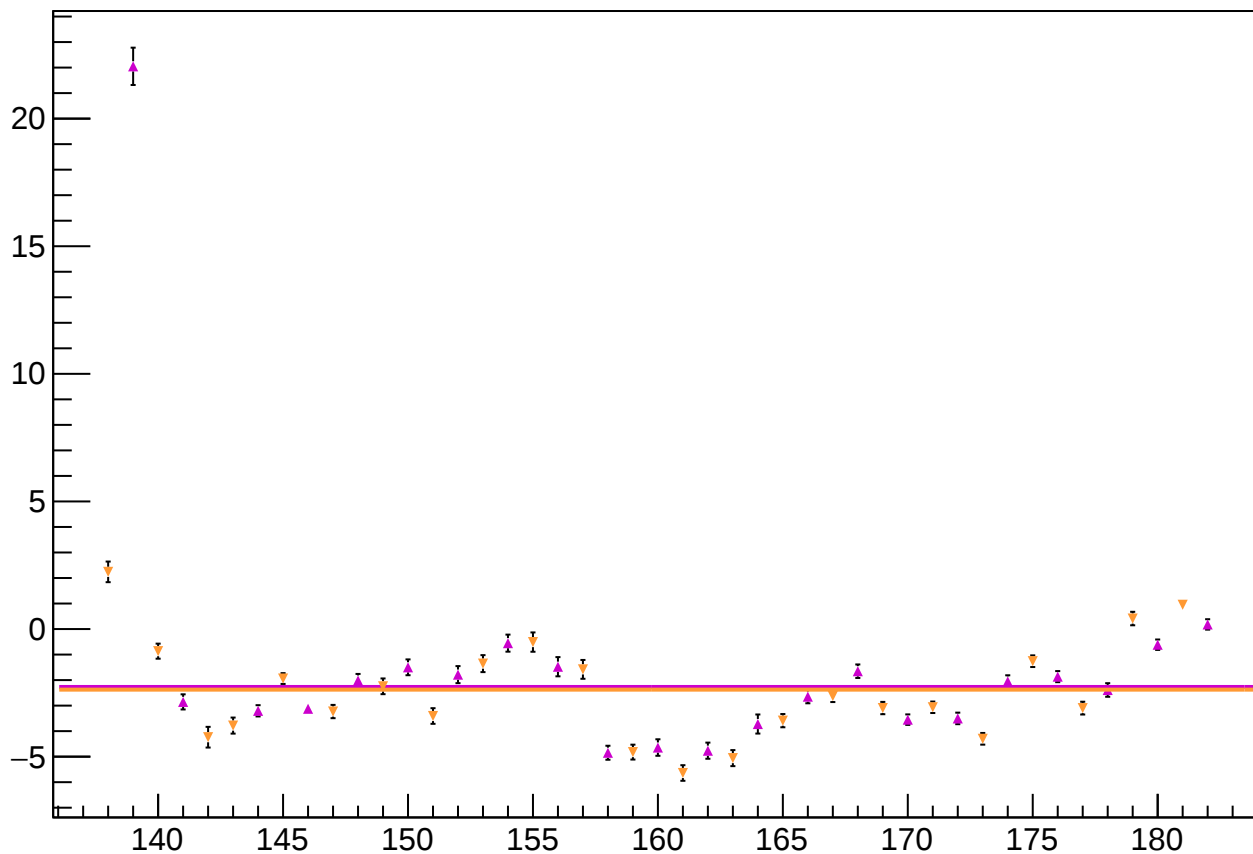
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.053 $\pm$ 0.070 χ^2 /NDF:2439.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.292 $\pm$ 0.068 χ^2 /NDF:2250.1/21

Left: -0.124 $\pm$ 0.049 χ^2 /NDF: 4702.0/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.292 $\pm$ 0.068 χ^2 /NDF:2250.1/21
 Out: 0.053 $\pm$ 0.070 χ^2 /NDF:2439.4/22

All: -0.124 $\pm$ 0.049 χ^2 /NDF: 4702.0/44

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



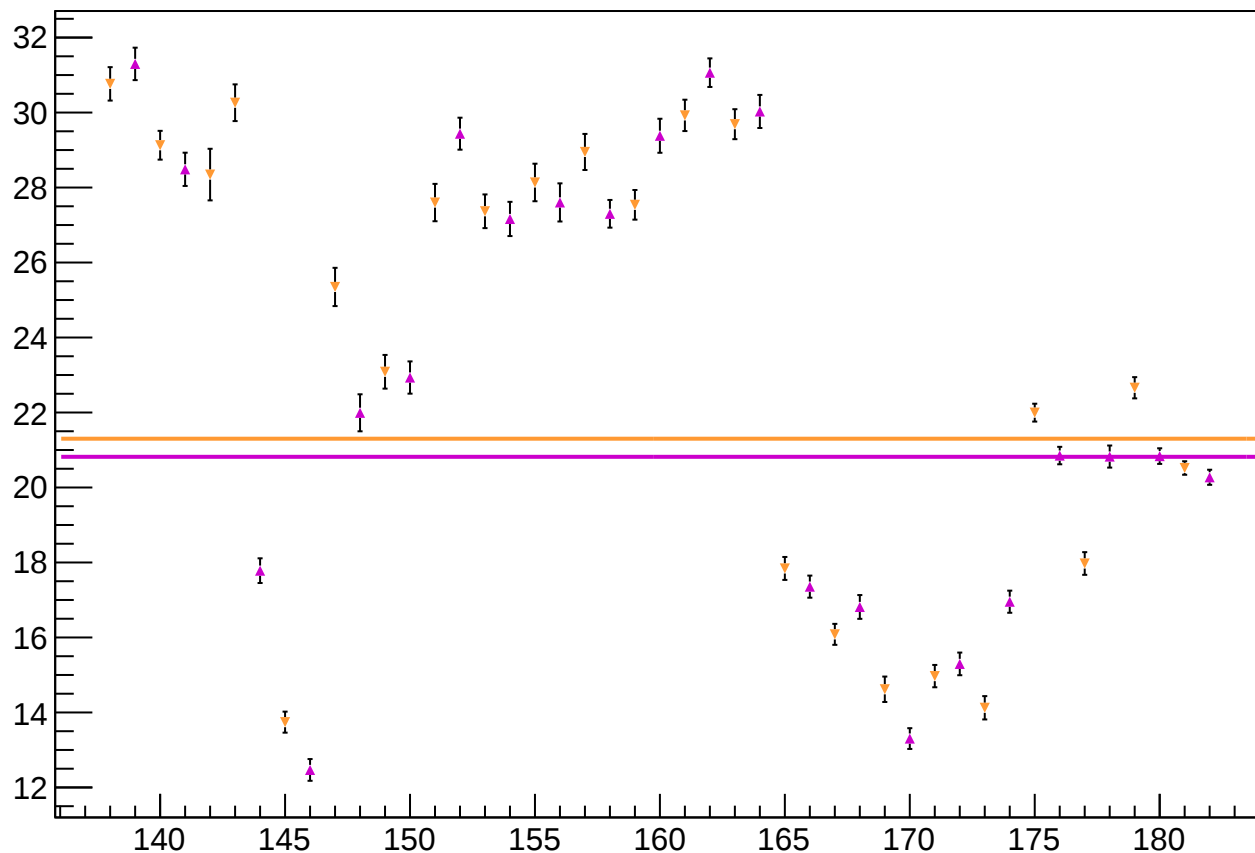
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.374+/-0.056 χ^2/NDF :1079.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.269+/-0.056 χ^2/NDF :1698.3/21

Left: -2.321+/-0.040 χ^2/NDF : 2779.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.269+/-0.056 χ^2/NDF :1698.3/21
 Out: -2.374+/-0.056 χ^2/NDF :1079.0/22

All: -2.321+/-0.040 χ^2/NDF : 2779.0/44

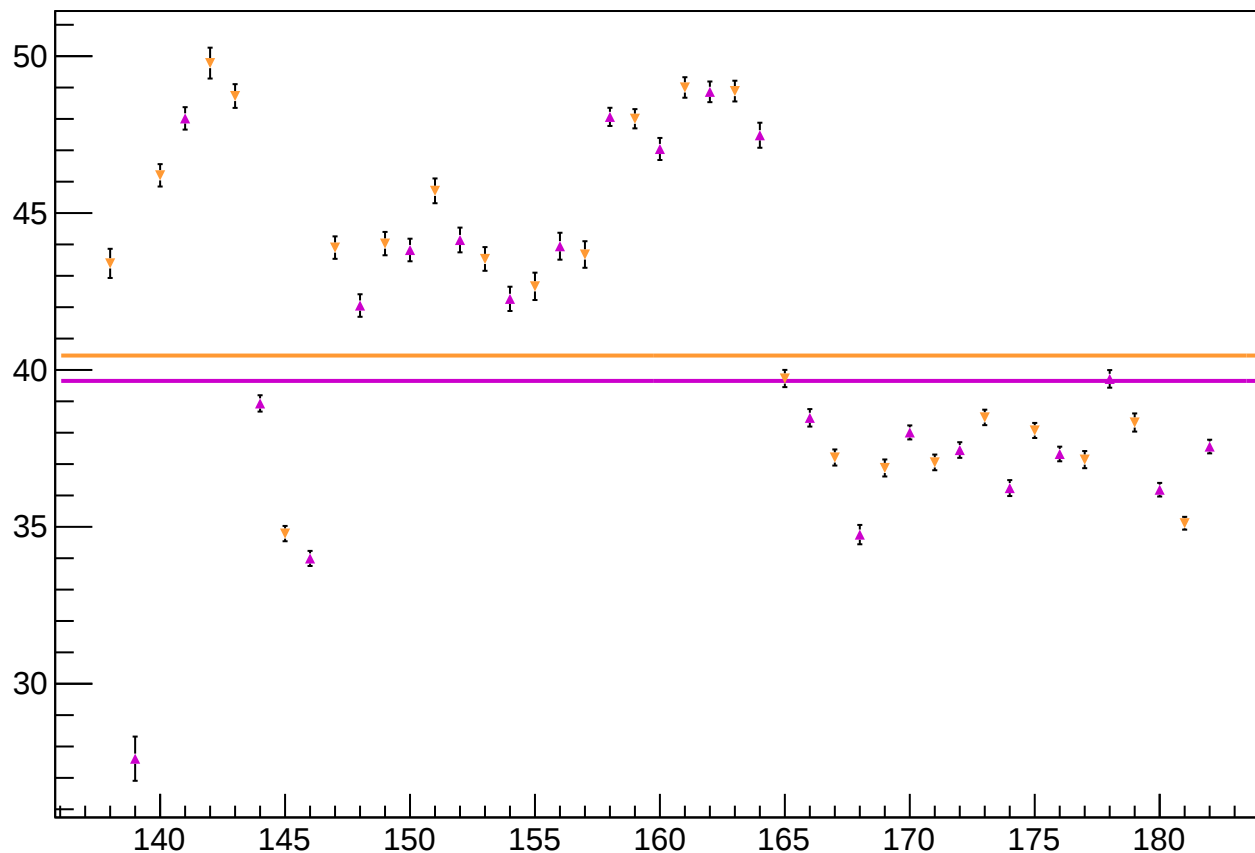
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.301+/-0.071 χ^2/NDF : 6027.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.818+/-0.068 χ^2/NDF : 5977.9/21

Left: 21.052+/-0.049 χ^2/NDF : 12029.9/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.818+/-0.068 χ^2/NDF : 5977.9/21
 Out: 21.301+/-0.071 χ^2/NDF : 6027.8/22
 All: 21.052+/-0.049 χ^2/NDF : 12029.9/44

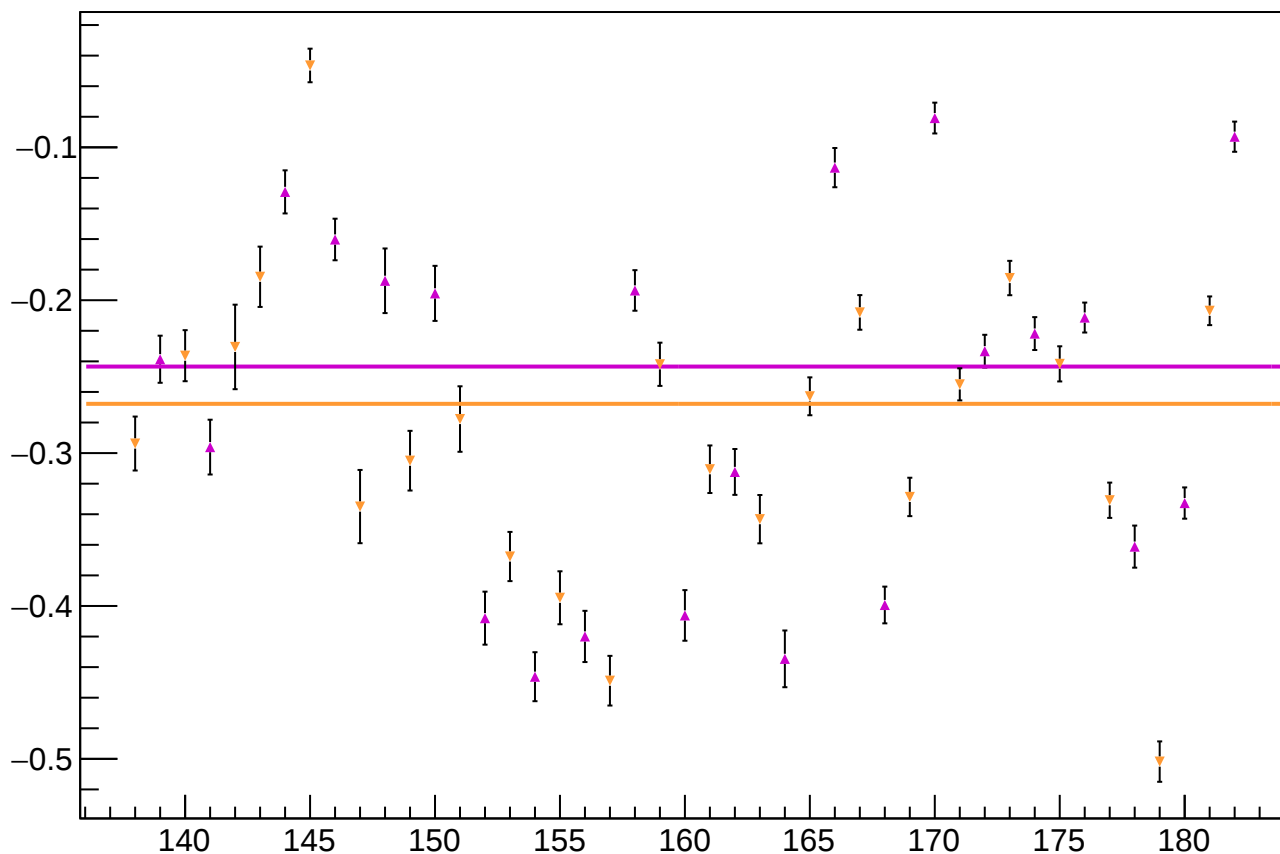
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.459 $\pm$ 0.063 χ^2 /NDF:5704.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21

Left: 40.047 $\pm$ 0.044 χ^2 /NDF: 11127.5/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21
 Out: 40.459 $\pm$ 0.063 χ^2 /NDF:5704.4/22
 All: 40.047 $\pm$ 0.044 χ^2 /NDF: 11127.5/44

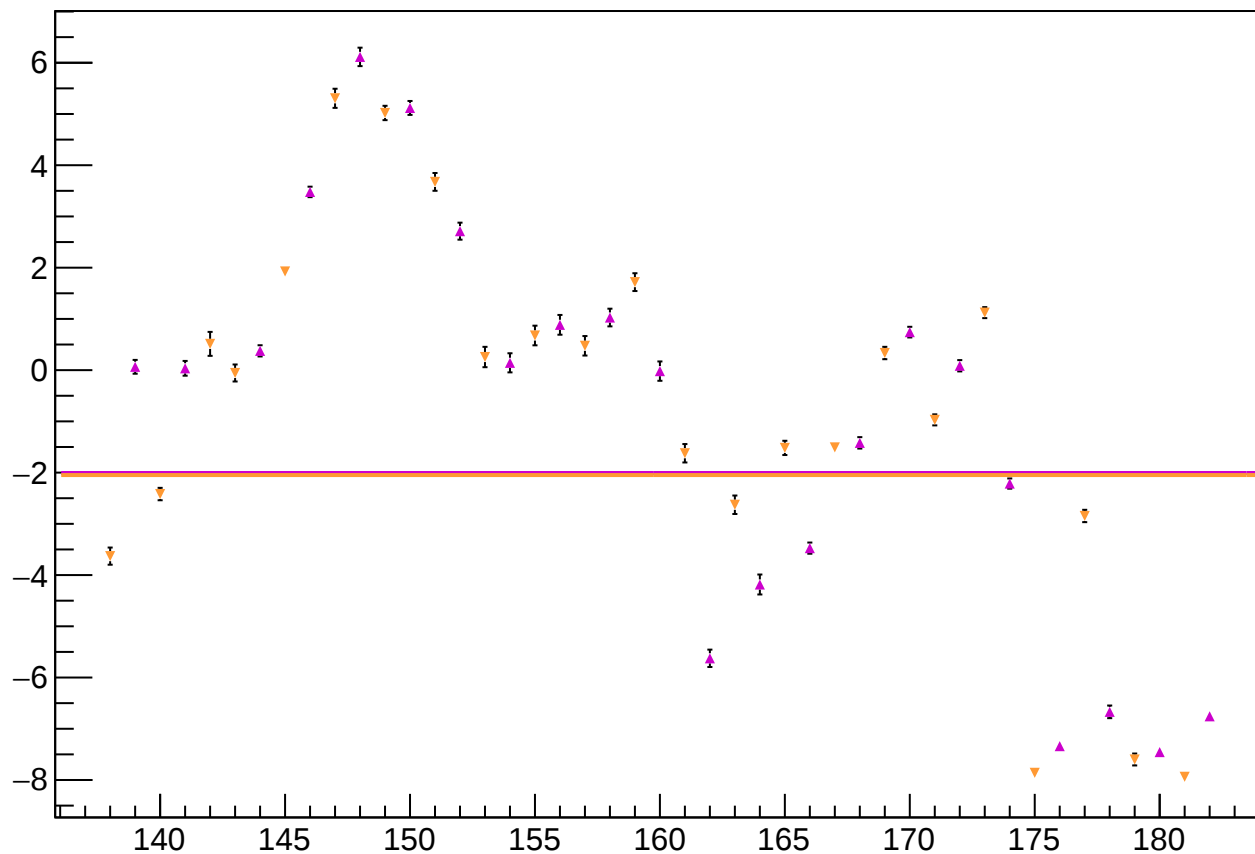
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.268+/-0.003 χ^2/NDF :1190.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.243+/-0.003 χ^2/NDF :1654.0/21

Left: -0.255+/-0.002 χ^2/NDF : 2881.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.243+/-0.003 χ^2/NDF :1654.0/21
 Out: -0.268+/-0.003 χ^2/NDF :1190.6/22
 All: -0.255+/-0.002 χ^2/NDF : 2881.1/44

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



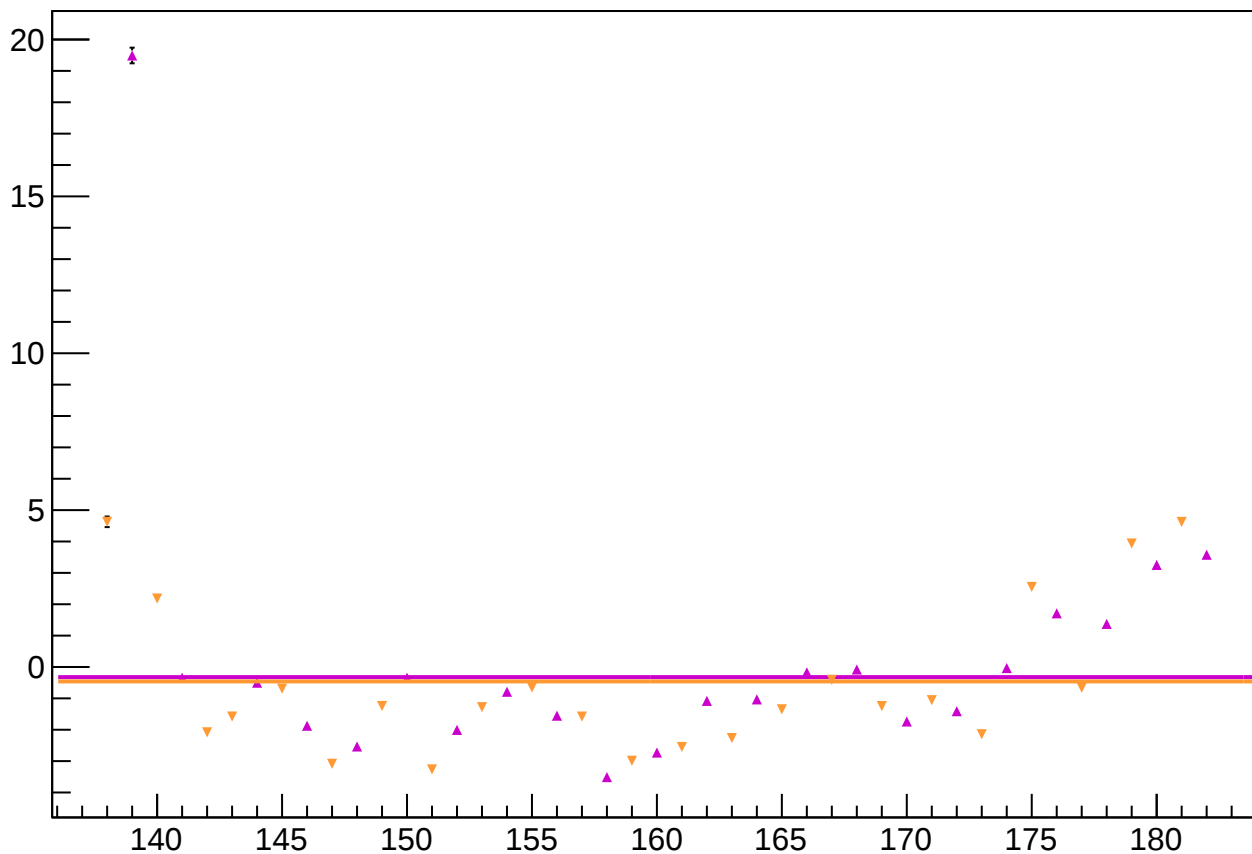
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.048+/-0.027 χ^2/NDF :22136.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.007+/-0.026 χ^2/NDF :23200.6/21

Left: -2.027+/-0.019 χ^2/NDF : 45338.5/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.007+/-0.026 χ^2/NDF :23200.6/21
 Out: -2.048+/-0.027 χ^2/NDF :22136.7/22

All: -2.027+/-0.019 χ^2/NDF : 45338.5/44

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

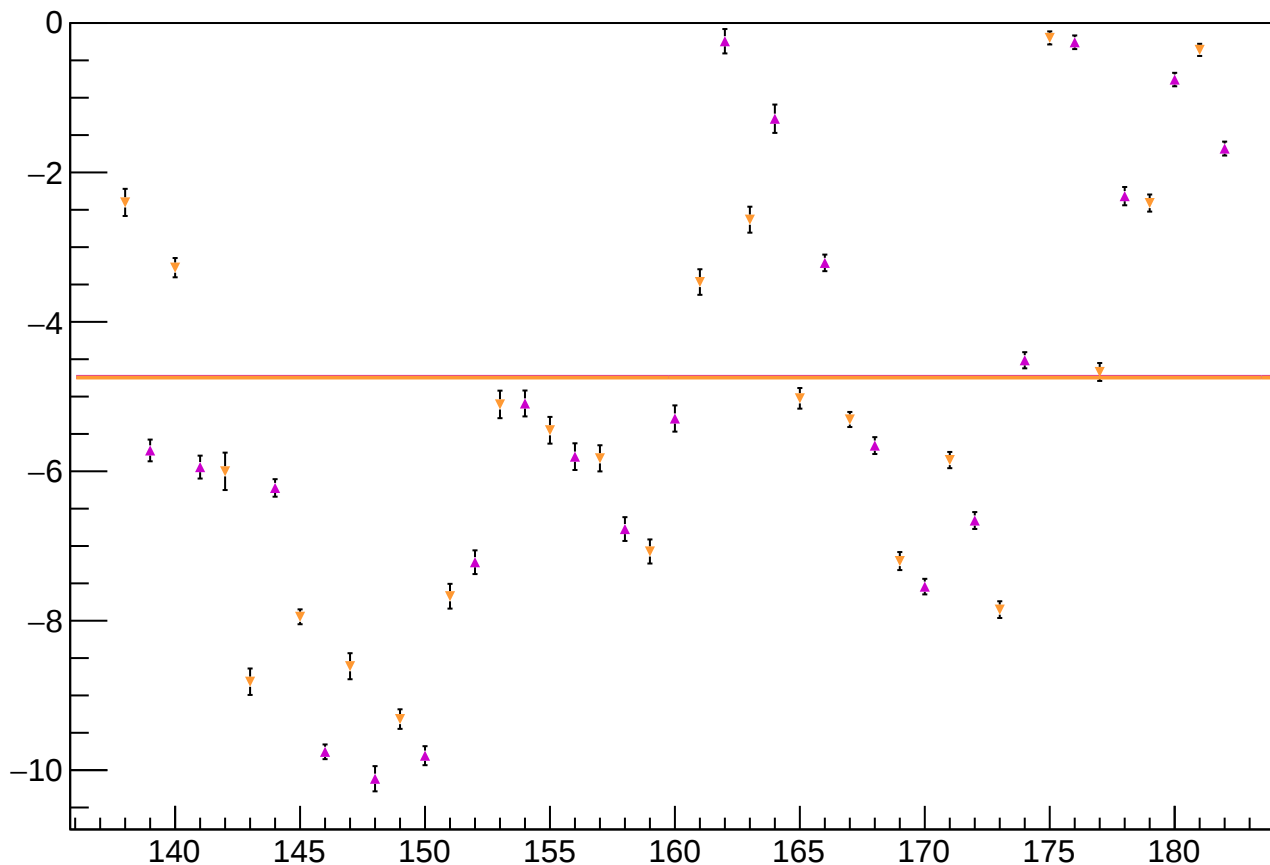


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.460+/-0.021 χ^2/NDF : 11561.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.323+/-0.021 χ^2/NDF : 13544.9/21

Left: -0.391+/-0.015 χ^2/NDF : 25127.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.323+/-0.021 χ^2/NDF : 13544.9/21
 Out: -0.460+/-0.021 χ^2/NDF : 11561.7/22

All: -0.391+/-0.015 χ^2/NDF : 25127.6/44

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



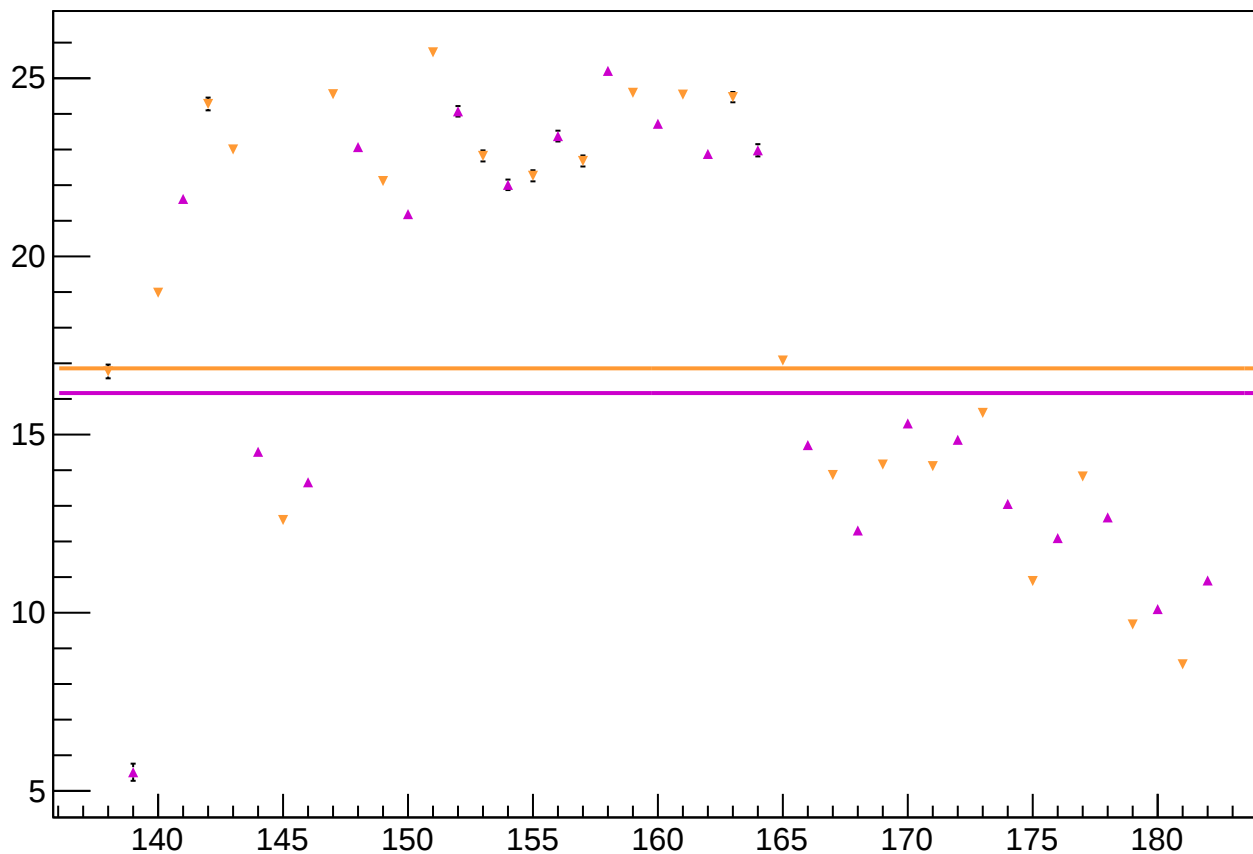
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.745+/-0.027 χ^2/NDF :11719.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.737+/-0.026 χ^2/NDF :14116.8/21

Left: -4.741+/-0.019 χ^2/NDF : 25836.7/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.737+/-0.026 χ^2/NDF :14116.8/21
 Out: -4.745+/-0.027 χ^2/NDF :11719.8/22

All: -4.741+/-0.019 χ^2/NDF : 25836.7/44

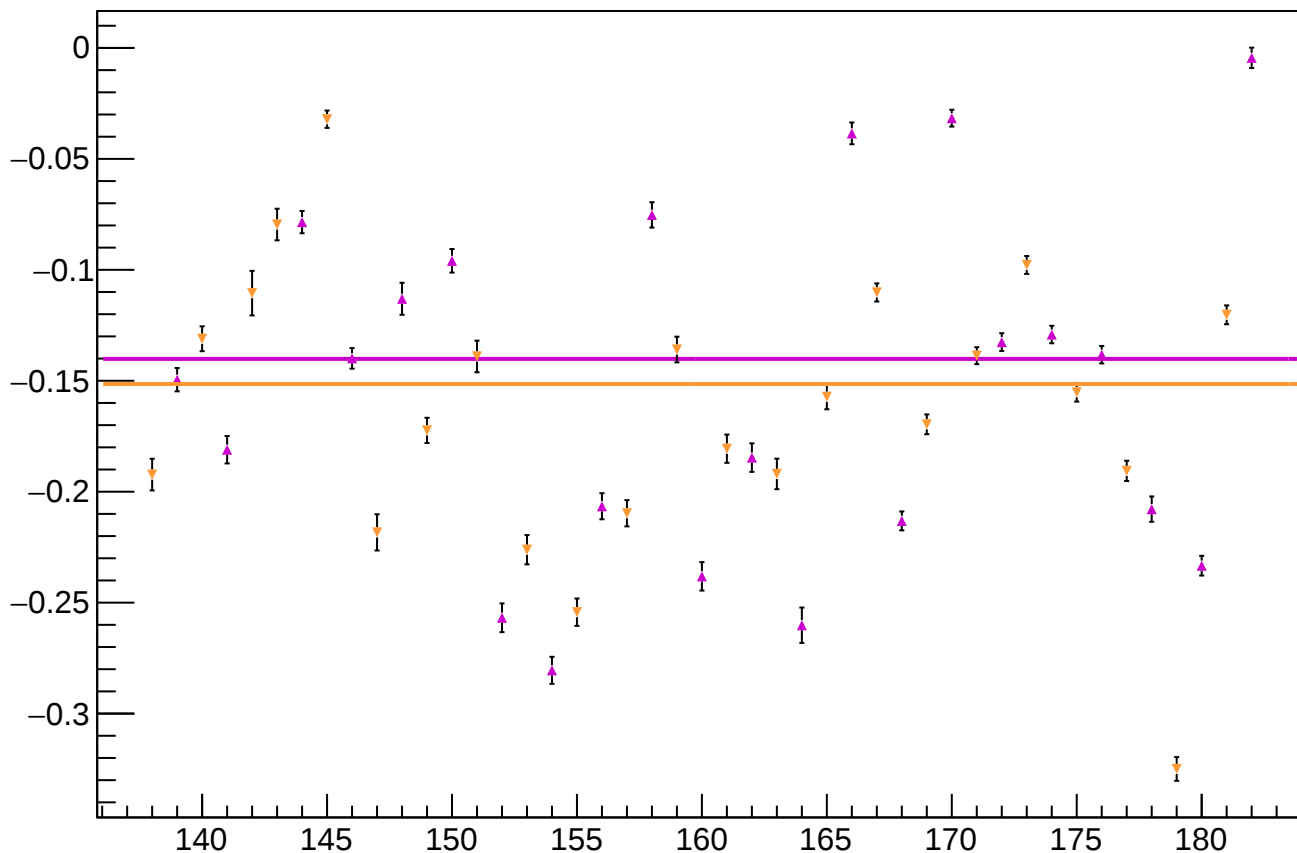
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.858+/-0.024 χ^2/NDF :51286.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.165+/-0.024 χ^2/NDF :41861.9/21

Left: 16.508+/-0.017 χ^2/NDF : 93572.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.165+/-0.024 χ^2/NDF :41861.9/21
 Out: 16.858+/-0.024 χ^2/NDF :51286.3/22
 All: 16.508+/-0.017 χ^2/NDF : 93572.1/44

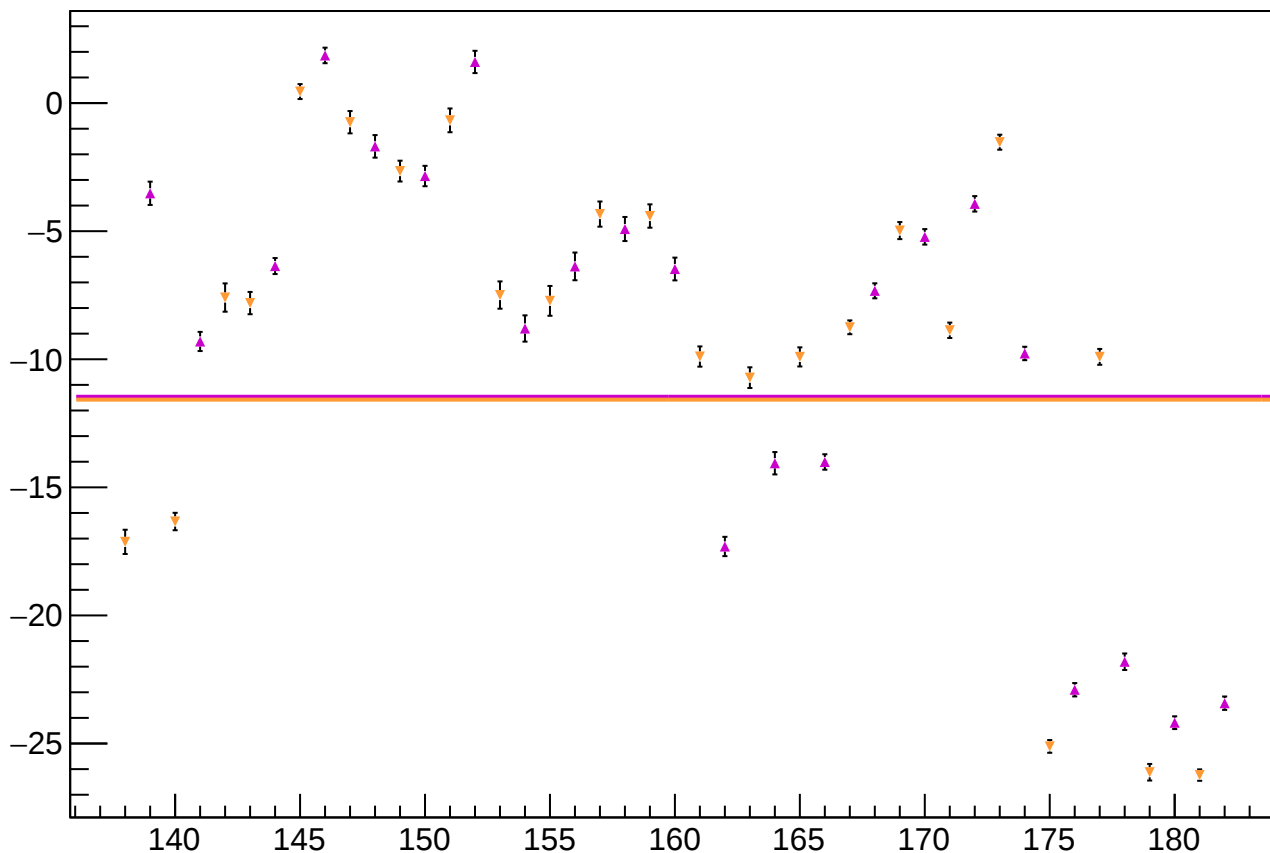
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.151+/-0.001 χ^2/NDF : 3235.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.140+/-0.001 χ^2/NDF : 4917.8/21

Left: -0.146+/-0.001 χ^2/NDF : 8208.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.140+/-0.001 χ^2/NDF : 4917.8/21
 Out: -0.151+/-0.001 χ^2/NDF : 3235.8/22
 All: -0.146+/-0.001 χ^2/NDF : 8208.0/44

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.576+/-0.073 χ^2/NDF :15489.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Left: -11.519+/-0.051 χ^2/NDF : 29613.3/44

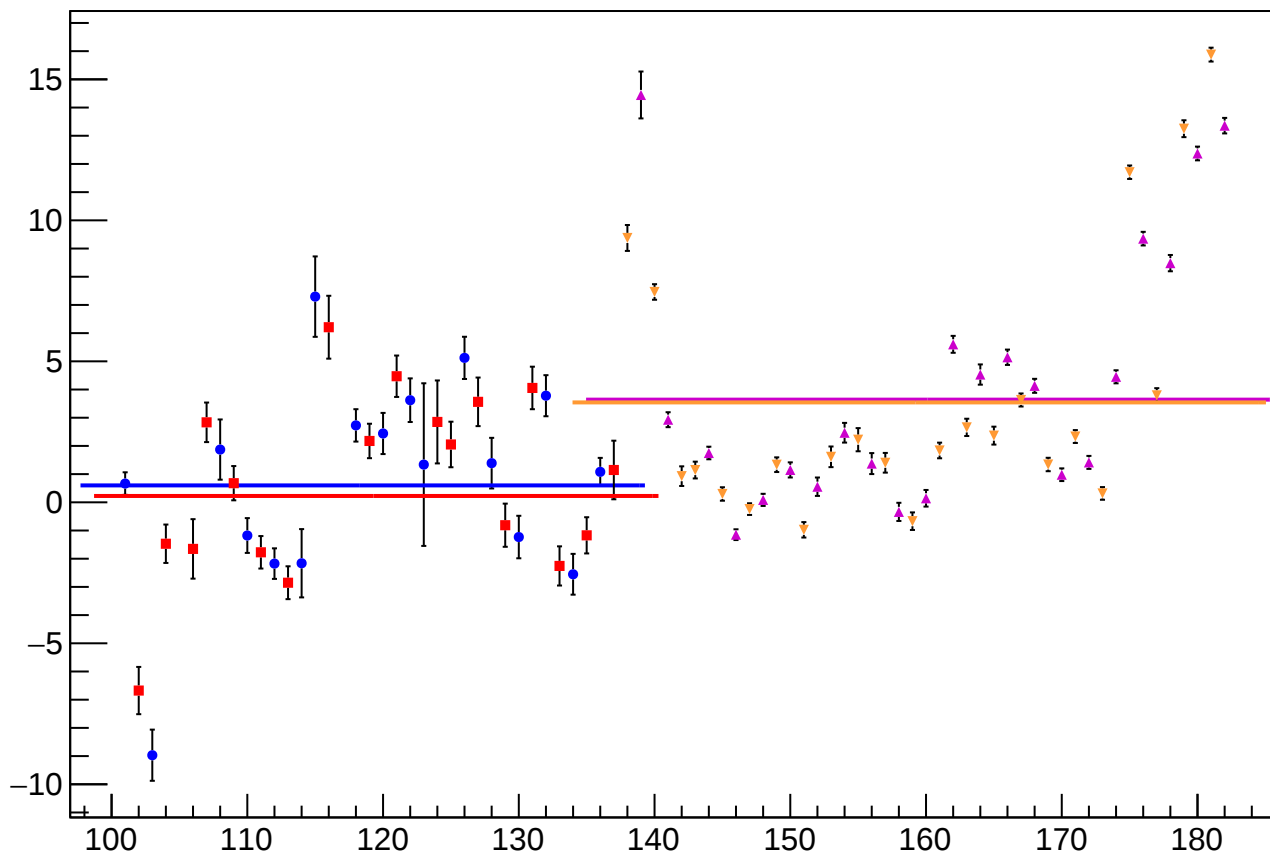
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Out: -11.576+/-0.073 χ^2/NDF :15489.2/22

All: -11.519+/-0.051 χ^2/NDF : 29613.3/44

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: 3.543 ± 0.057 χ^2/NDF : 6712.2/22

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 3.641 ± 0.057 χ^2/NDF : 5364.4/21

Left: 3.592 ± 0.040 χ^2/NDF : 12078.1/44

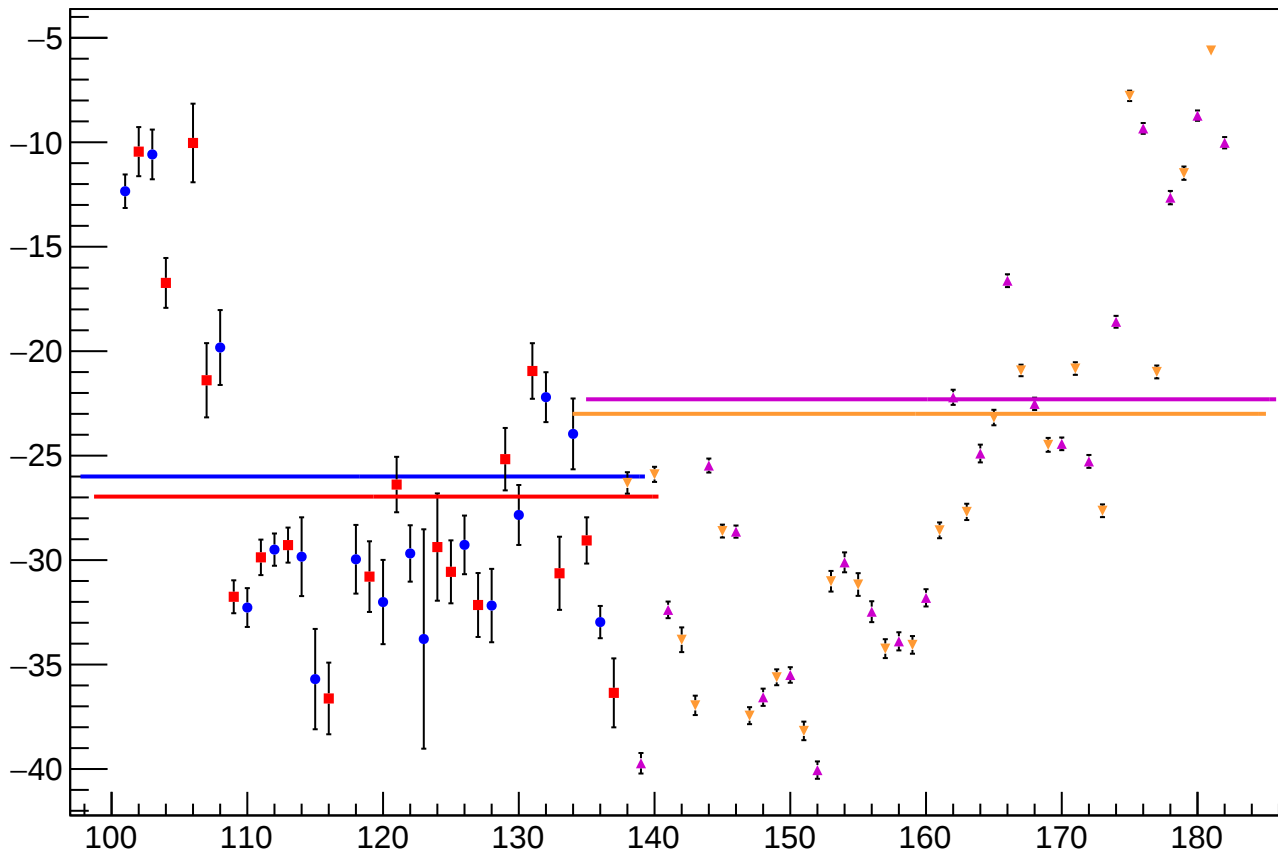
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 3.333 ± 0.054 χ^2/NDF : 5946.5/38

Out: 3.224 ± 0.054 χ^2/NDF : 7311.1/40

All: 3.279 ± 0.038 χ^2/NDF : 13259.7/79

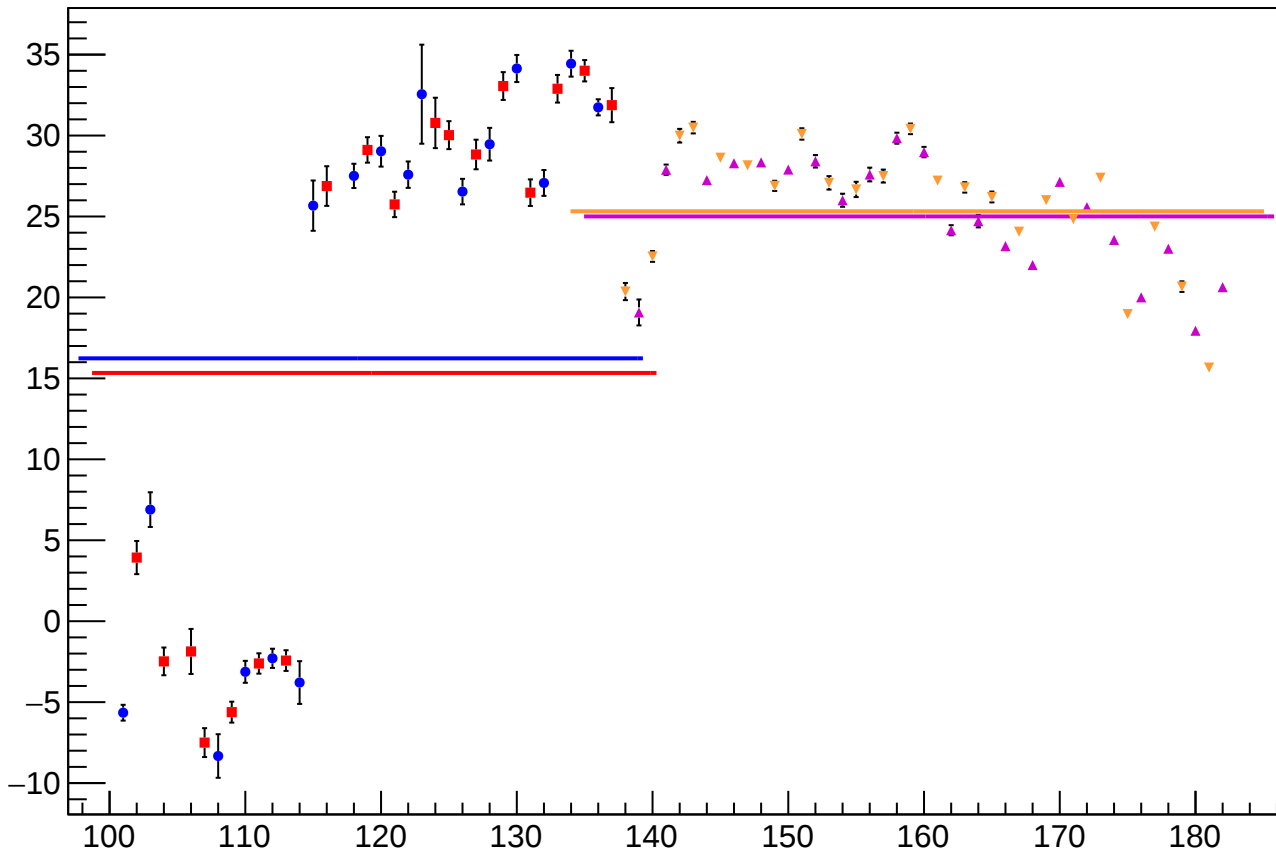
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 $\chi^2/\text{NDF}: 692.6/16$
 Left Out: -22.998 ± 0.074 $\chi^2/\text{NDF}: 18400.4/22$
 Right Out: -26.960 ± 0.298 $\chi^2/\text{NDF}: 535.4/17$
 Left In: -22.303 ± 0.072 $\chi^2/\text{NDF}: 17818.9/21$

Left: -22.643 ± 0.051 $\chi^2/\text{NDF}: 36265.0/44$
 Right: -26.482 ± 0.212 $\chi^2/\text{NDF}: 1233.2/34$
 In: -22.504 ± 0.070 $\chi^2/\text{NDF}: 18654.9/38$
 Out: -23.225 ± 0.071 $\chi^2/\text{NDF}: 19102.2/40$
 All: -22.858 ± 0.050 $\chi^2/\text{NDF}: 37809.1/79$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.321 $\pm$ 0.065 χ^2 /NDF:3608.9/22

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.004 $\pm$ 0.064 χ^2 /NDF:2733.6/21

Left: 25.161 $\pm$ 0.045 χ^2 /NDF: 6354.7/44

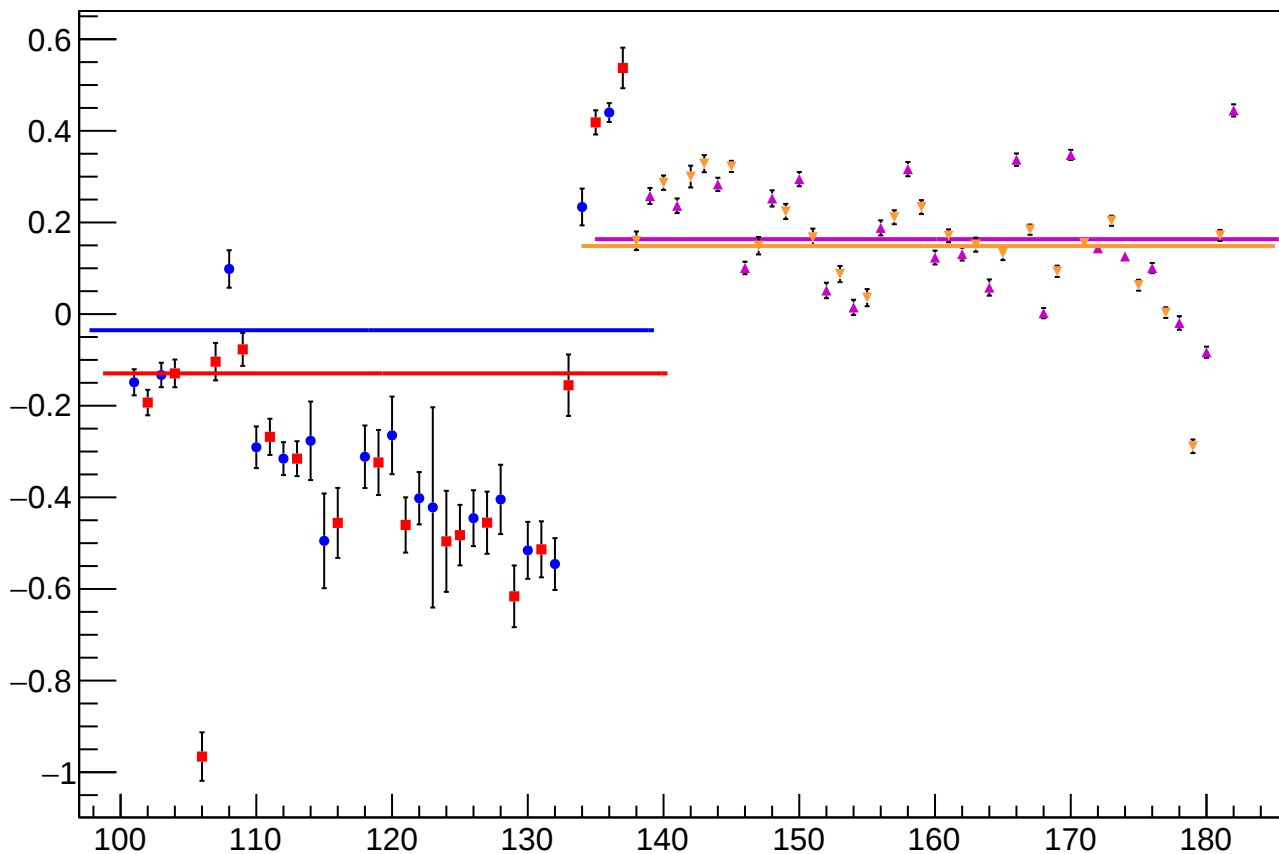
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.119 $\pm$ 0.061 χ^2 /NDF:12200.0/38

Out: 24.355 $\pm$ 0.061 χ^2 /NDF:13185.8/40

All: 24.236 $\pm$ 0.043 χ^2 /NDF: 25393.3/79

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.149 ± 0.003 χ^2/NDF : 1663.5/22

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.164 ± 0.003 χ^2/NDF : 2208.2/21

Left: 0.156 ± 0.002 χ^2/NDF : 3884.3/44

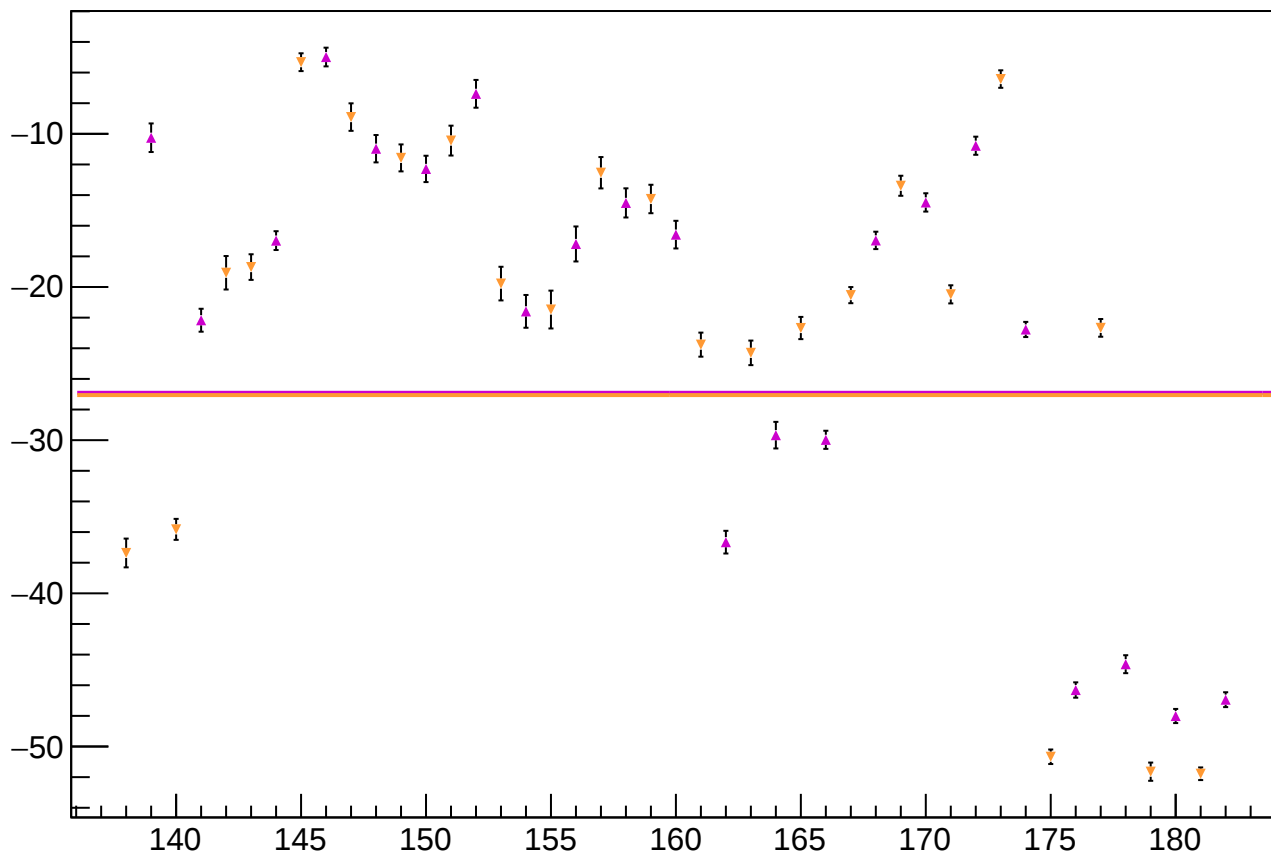
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.149 ± 0.003 χ^2/NDF : 3564.8/38

Out: 0.128 ± 0.003 χ^2/NDF : 3486.8/40

All: 0.138 ± 0.002 χ^2/NDF : 7079.3/79

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.056+/-0.143 χ^2/NDF :13208.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Left: -26.980+/-0.100 χ^2/NDF : 24560.0/44

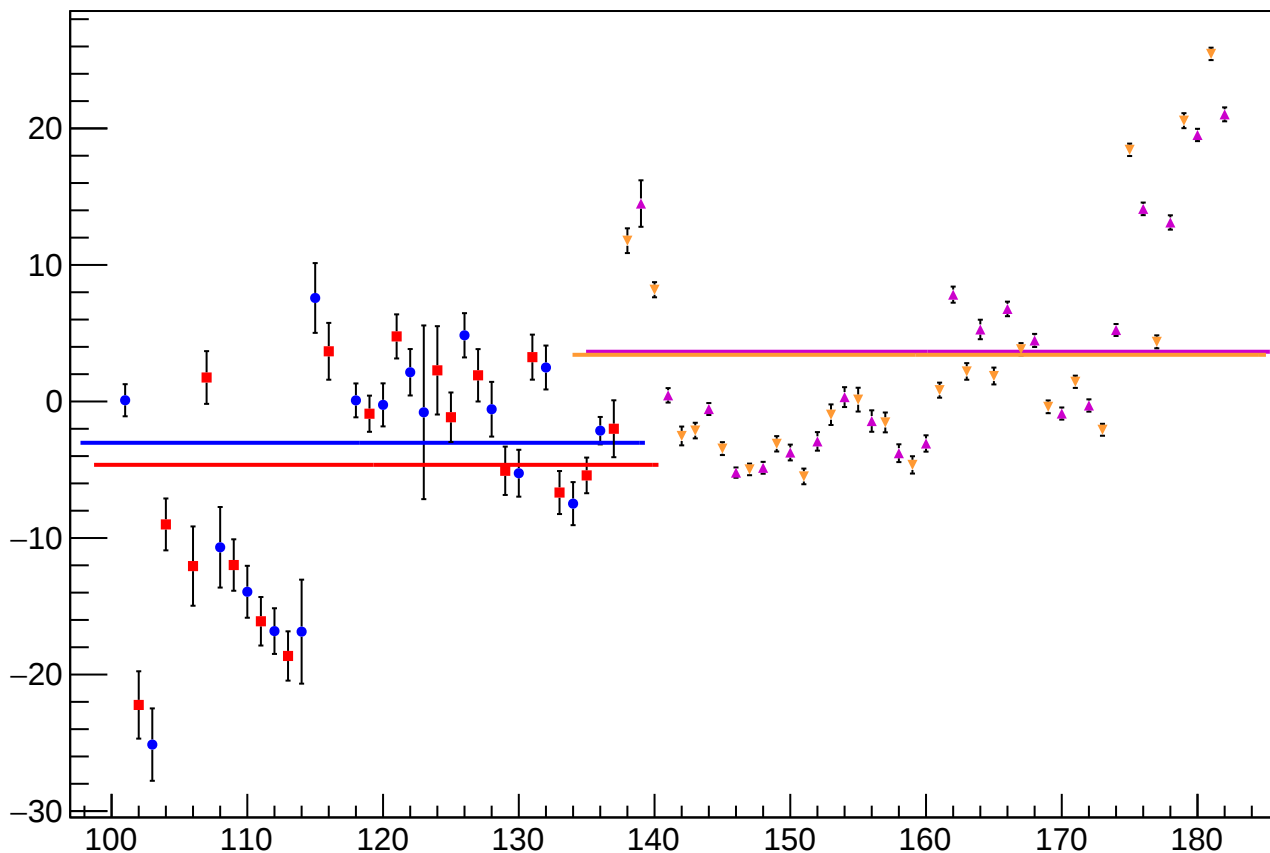
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Out: -27.056+/-0.143 χ^2/NDF :13208.6/22

All: -26.980+/-0.100 χ^2/NDF : 24560.0/44

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: 3.419 ± 0.113 $\chi^2/\text{NDF}: 6244.0/22$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: 3.644 ± 0.112 $\chi^2/\text{NDF}: 5192.4/21$

Left: 3.532 ± 0.079 $\chi^2/\text{NDF}: 11438.4/44$

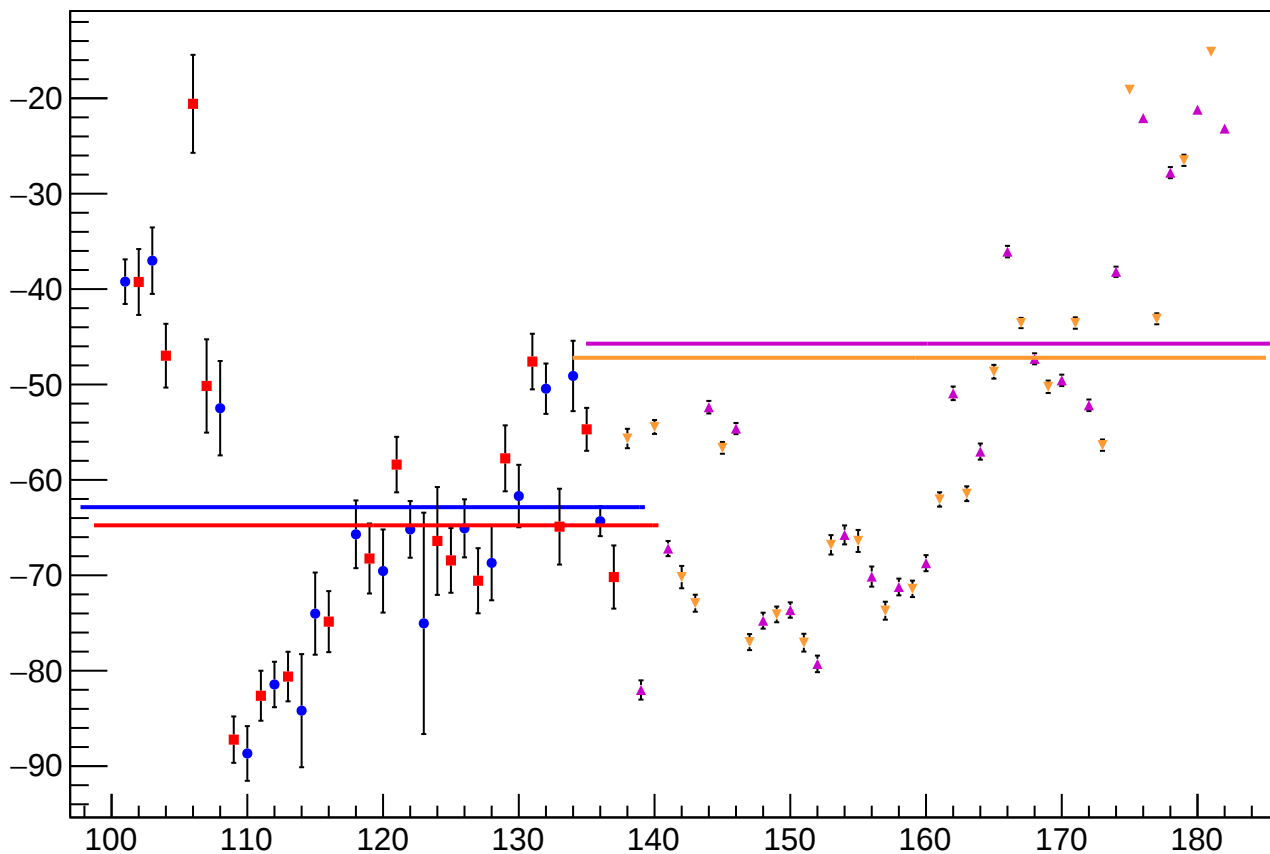
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: 3.179 ± 0.108 $\chi^2/\text{NDF}: 5721.5/38$

Out: 2.895 ± 0.109 $\chi^2/\text{NDF}: 6872.5/40$

All: 3.038 ± 0.077 $\chi^2/\text{NDF}: 12597.5/79$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -47.200 $\pm$ 0.144 χ^2 /NDF:18653.8/22

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -45.720 $\pm$ 0.141 χ^2 /NDF:17718.9/21

Left: -46.443 $\pm$ 0.101 χ^2 /NDF: 36426.7/44

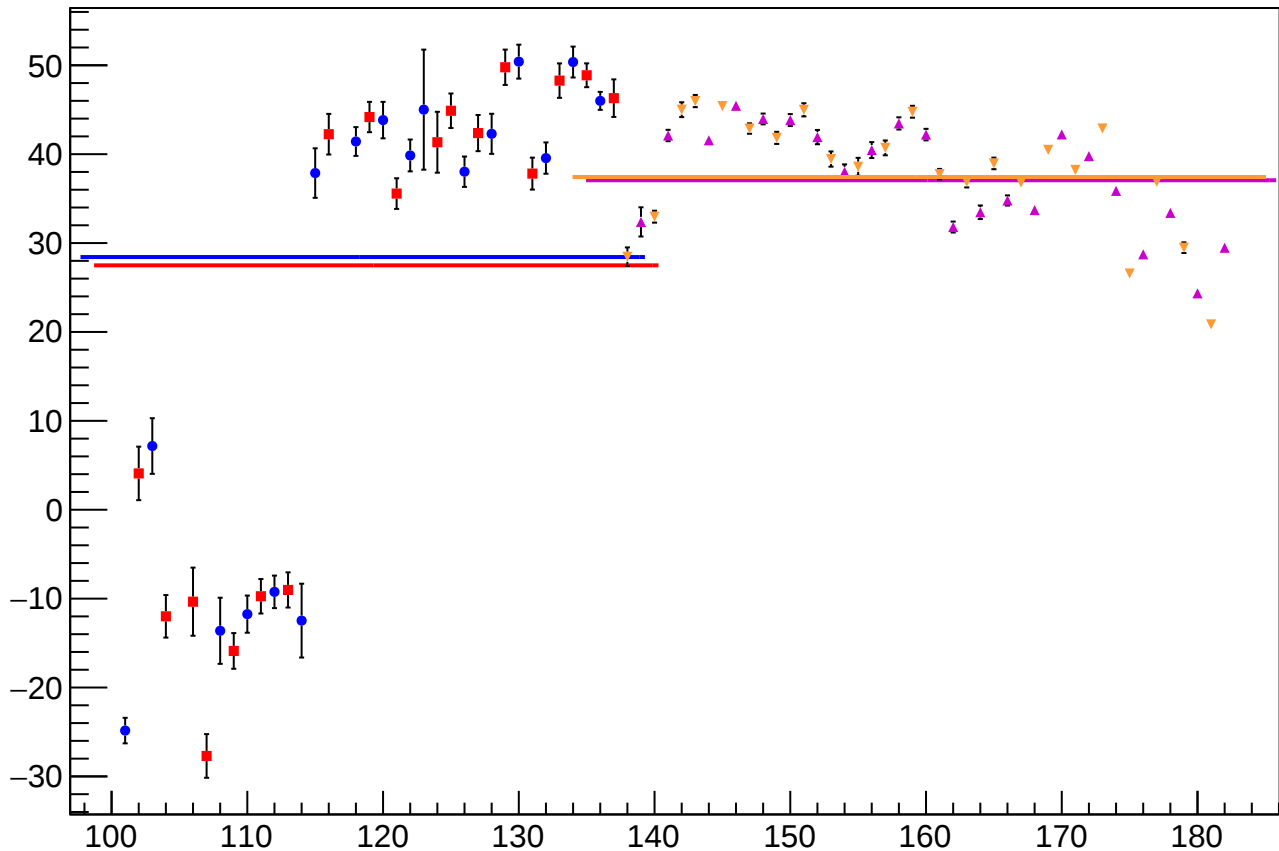
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -46.319 $\pm$ 0.138 χ^2 /NDF:18605.7/38

Out: -47.819 $\pm$ 0.141 χ^2 /NDF:19594.7/40

All: -47.052 $\pm$ 0.099 χ^2 /NDF: 38257.9/79

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.430 $\pm$ 0.127 χ^2 /NDF:2972.1/22

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 37.064 $\pm$ 0.126 χ^2 /NDF:2404.5/21

Left: 37.245 $\pm$ 0.089 χ^2 /NDF: 5380.7/44

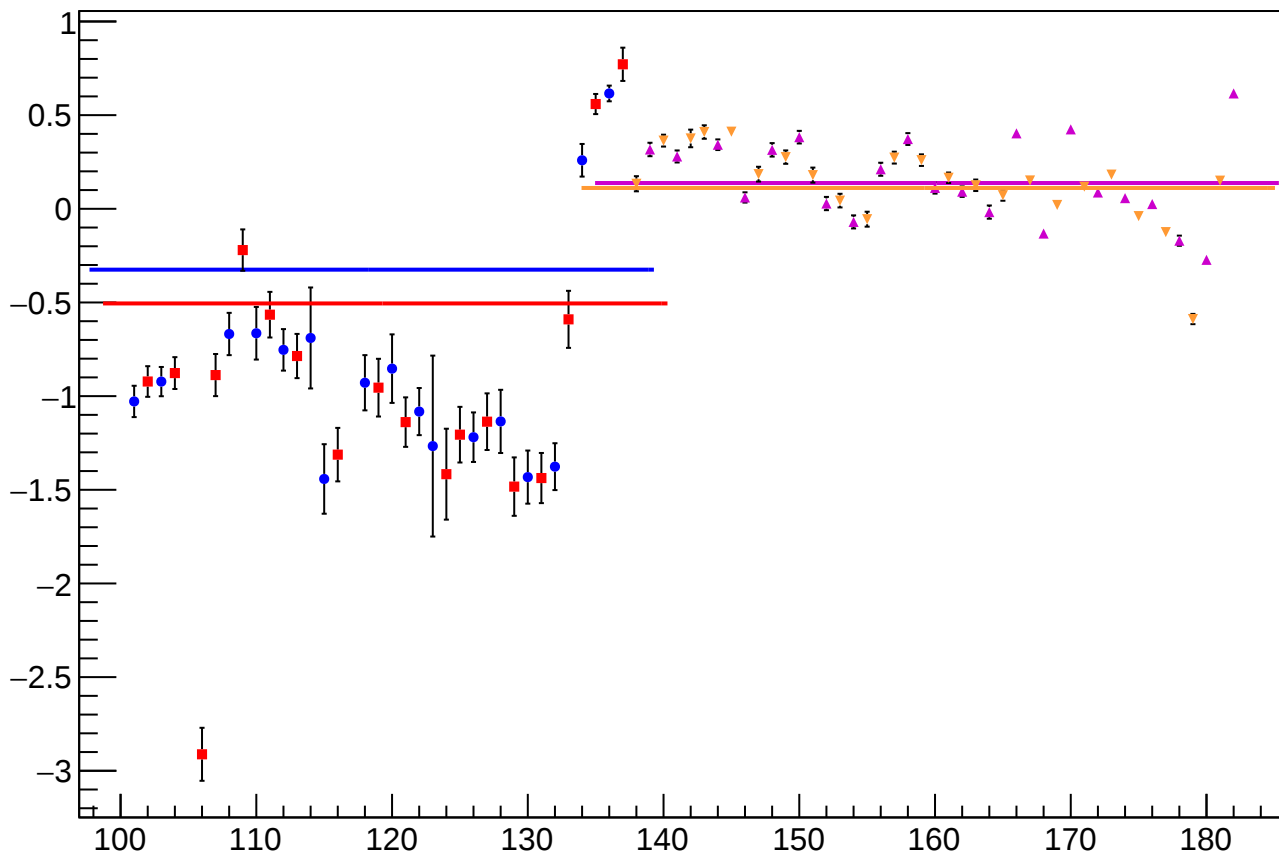
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 36.458 $\pm$ 0.121 χ^2 /NDF:6057.9/38

Out: 36.776 $\pm$ 0.123 χ^2 /NDF:6402.3/40

All: 36.615 $\pm$ 0.086 χ^2 /NDF: 12463.6/79

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.111 ± 0.006 χ^2/NDF : 1266.8/22

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.138 ± 0.006 χ^2/NDF : 1616.4/21

Left: 0.125 ± 0.004 χ^2/NDF : 2893.5/44

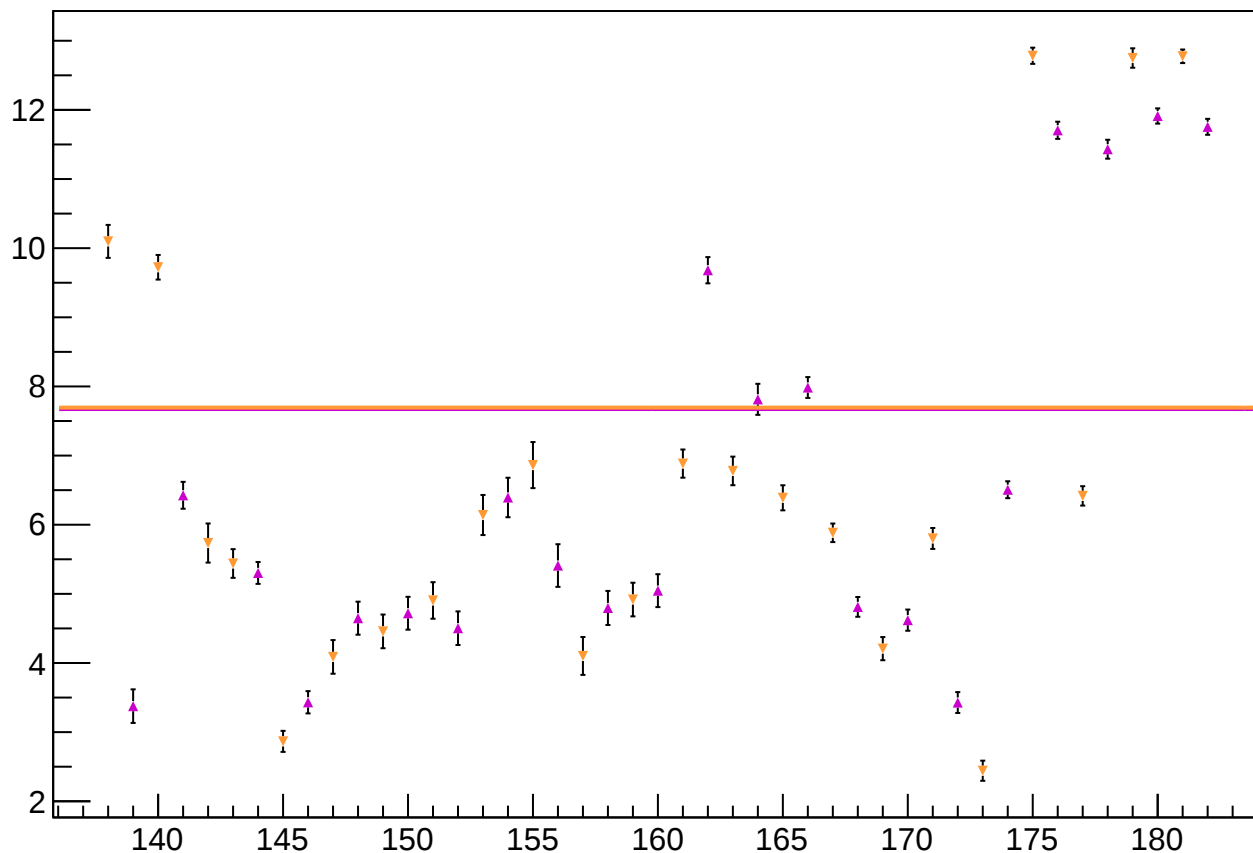
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.114 ± 0.006 χ^2/NDF : 2955.2/38

Out: 0.081 ± 0.006 χ^2/NDF : 2974.2/40

All: 0.098 ± 0.004 χ^2/NDF : 5946.7/79

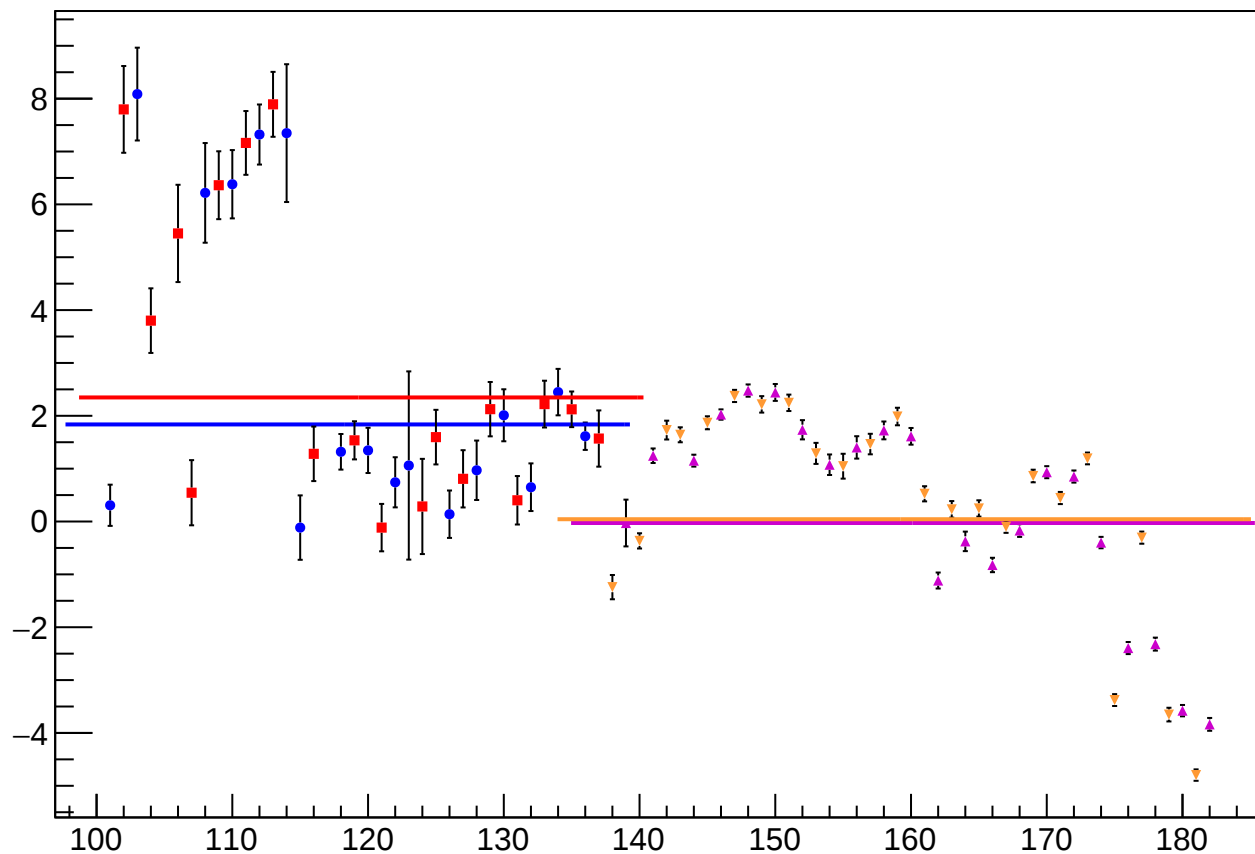
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.694+/-0.036 χ^2/NDF :10362.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.673+/-0.035 χ^2/NDF :8425.1/21

Left: 7.683+/-0.025 χ^2/NDF : 18787.4/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.673+/-0.035 χ^2/NDF :8425.1/21
 Out: 7.694+/-0.036 χ^2/NDF :10362.1/22
 All: 7.683+/-0.025 χ^2/NDF : 18787.4/44

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 0.043 ± 0.029 $\chi^2/\text{NDF}: 5467.2/22$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: -0.028 ± 0.028 $\chi^2/\text{NDF}: 4804.3/21$

Left: 0.007 ± 0.020 $\chi^2/\text{NDF}: 10274.7/44$

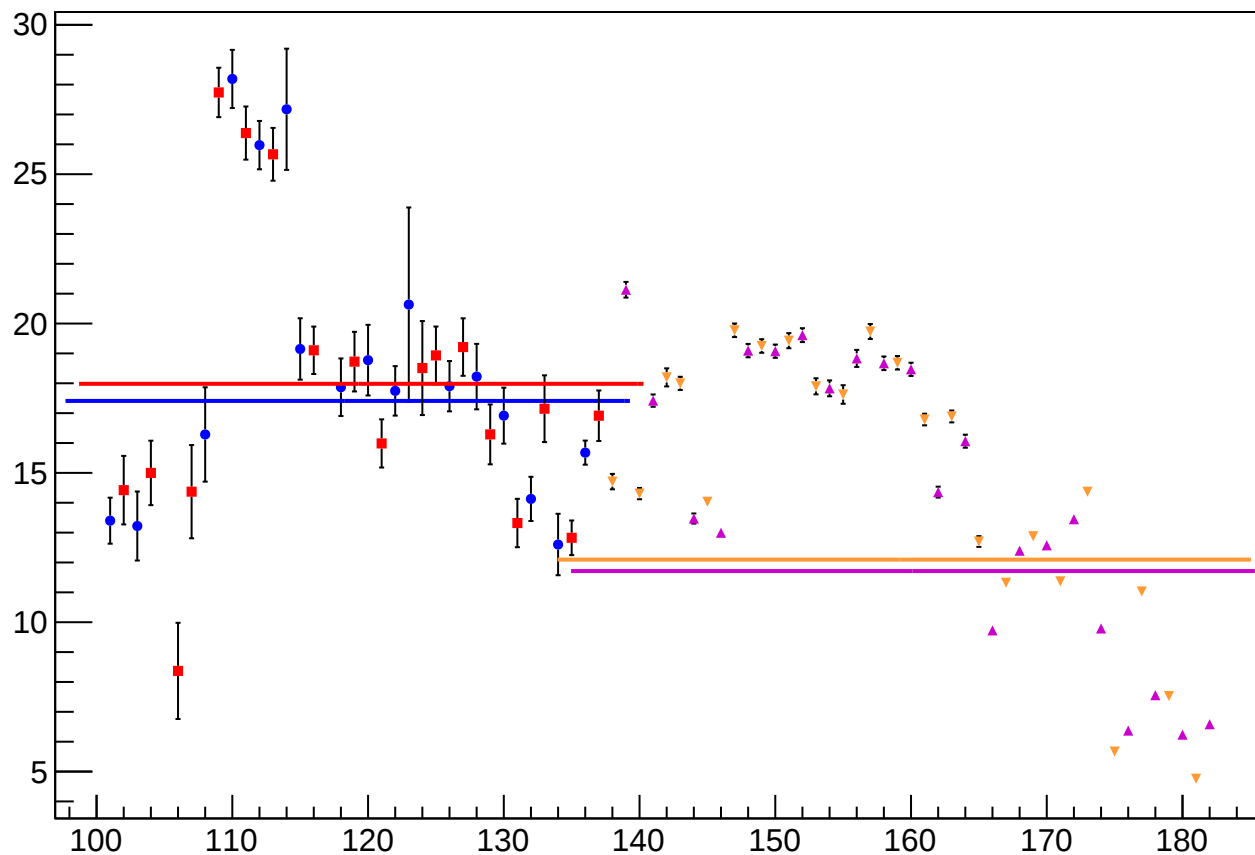
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.077 ± 0.028 $\chi^2/\text{NDF}: 5341.5/38$

Out: 0.163 ± 0.028 $\chi^2/\text{NDF}: 6132.1/40$

All: 0.120 ± 0.020 $\chi^2/\text{NDF}: 11478.3/79$

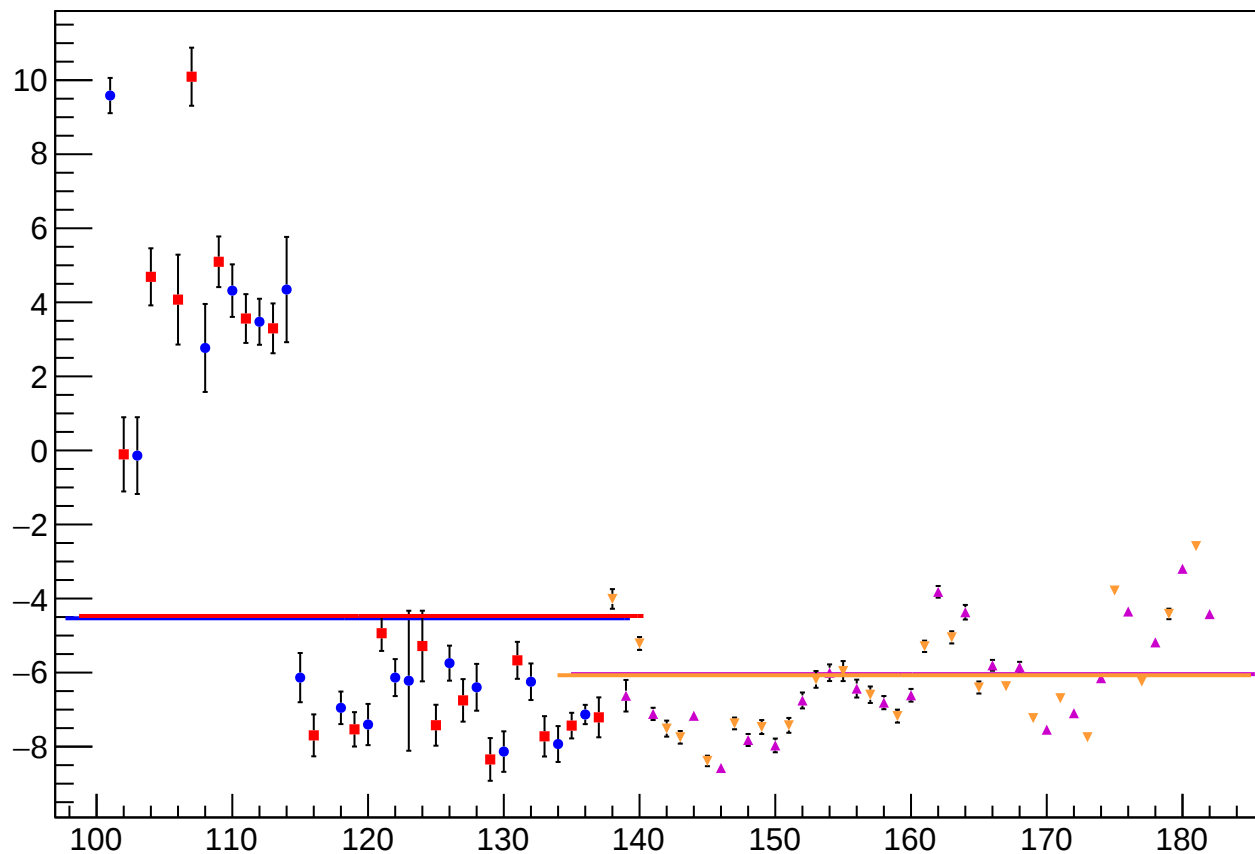
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 χ^2/NDF : 365.1/16
 Left Out: 12.096 ± 0.036 χ^2/NDF : 17813.2/22
 Right Out: 17.982 ± 0.219 χ^2/NDF : 490.7/17
 Left In: 11.714 ± 0.035 χ^2/NDF : 16896.9/21

Left: 11.900 ± 0.025 χ^2/NDF : 34766.8/44
 Right: 17.686 ± 0.152 χ^2/NDF : 859.3/34
 In: 11.869 ± 0.035 χ^2/NDF : 17964.4/38
 Out: 12.254 ± 0.036 χ^2/NDF : 19005.0/40
 All: 12.056 ± 0.025 χ^2/NDF : 37028.4/79

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.072 ± 0.032 χ^2/NDF : 2494.6/22

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.042 ± 0.032 χ^2/NDF : 2300.4/21

Left: -6.057 ± 0.023 χ^2/NDF : 4795.4/44

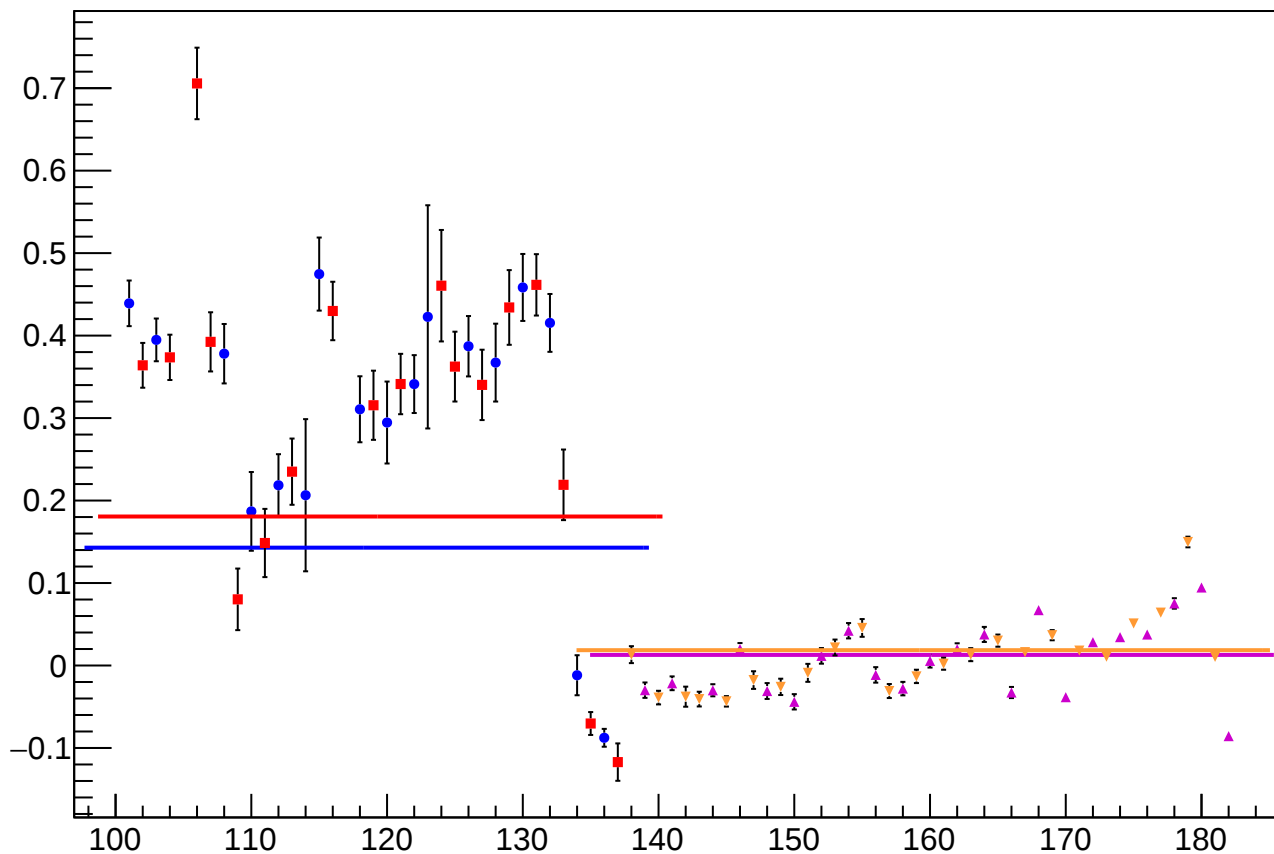
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -5.956 ± 0.031 χ^2/NDF : 4016.4/38

Out: -5.987 ± 0.031 χ^2/NDF : 3963.4/40

All: -5.971 ± 0.022 χ^2/NDF : 7980.3/79

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.019 $\pm$ 0.001 χ^2 /NDF:845.3/22

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: 0.013 $\pm$ 0.001 χ^2 /NDF:1064.3/21

Left: 0.016 $\pm$ 0.001 χ^2 /NDF: 1917.2/44

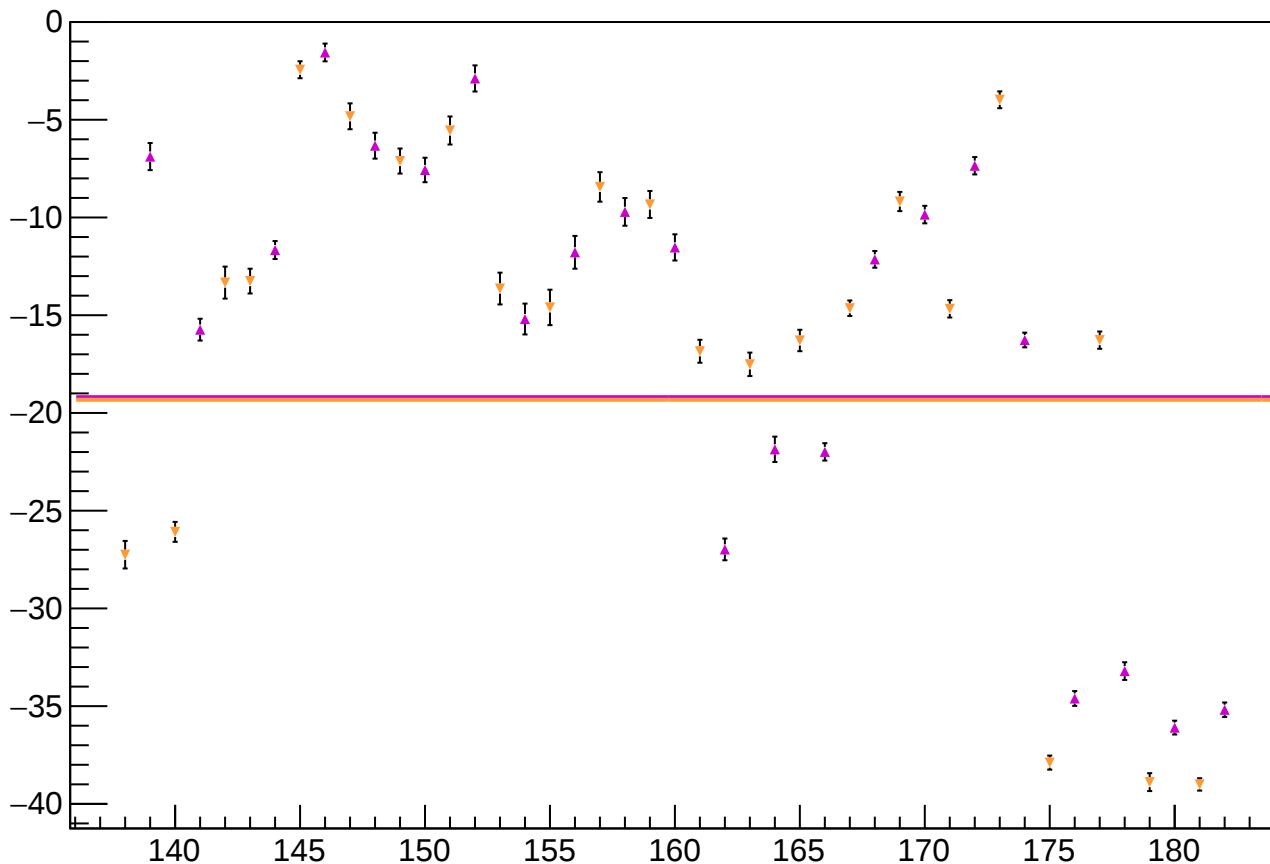
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.018 $\pm$ 0.001 χ^2 /NDF:2449.0/38

Out: 0.025 $\pm$ 0.001 χ^2 /NDF:2309.6/40

All: 0.021 $\pm$ 0.001 χ^2 /NDF: 4769.3/79

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: -19.324+/-0.108 χ^2/NDF :14049.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Left: -19.258+/-0.076 χ^2/NDF : 26364.2/44

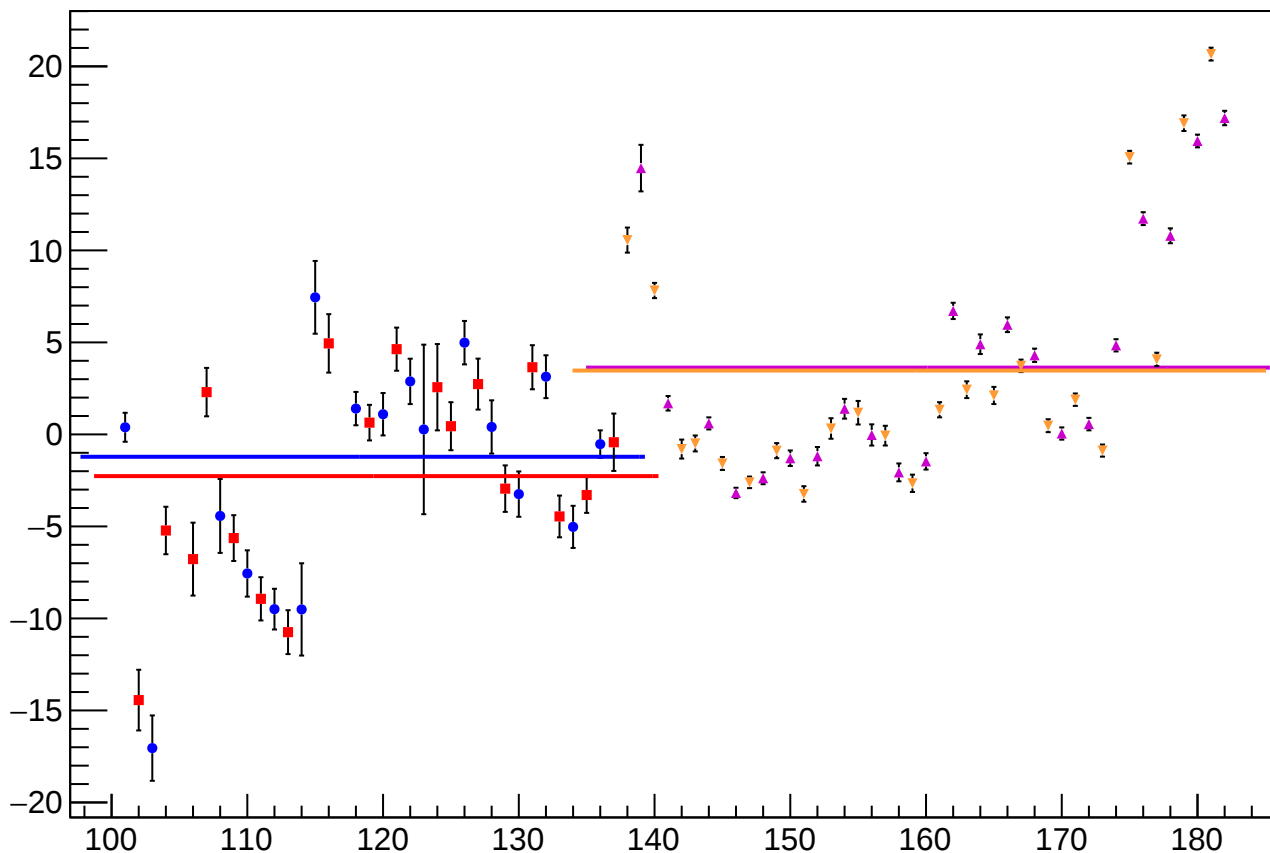
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Out: -19.324+/-0.108 χ^2/NDF :14049.0/22

All: -19.258+/-0.076 χ^2/NDF : 26364.2/44

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 3.470 ± 0.084 χ^2/NDF : 6435.1/22

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 3.630 ± 0.084 χ^2/NDF : 5271.2/21

Left: 3.550 ± 0.060 χ^2/NDF : 11708.0/44

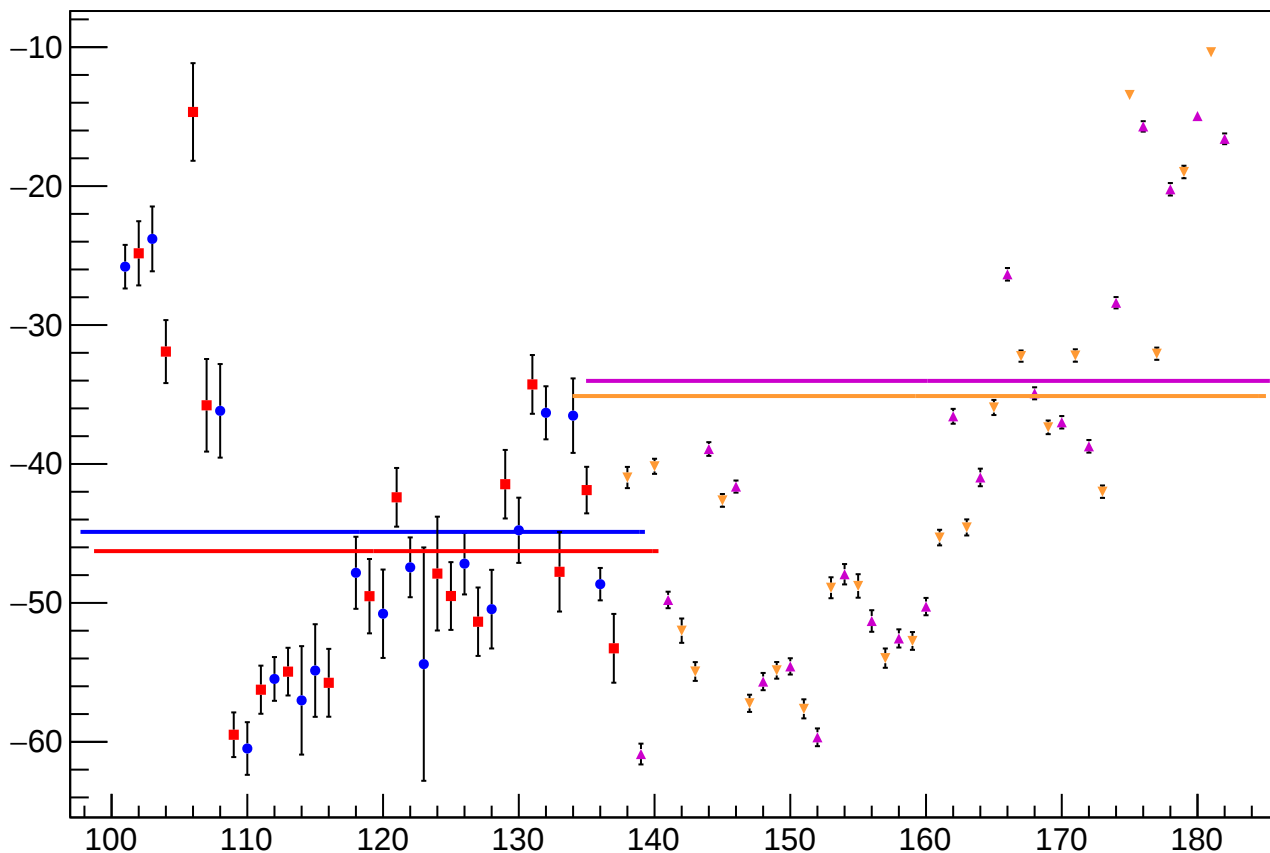
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 3.256 ± 0.081 χ^2/NDF : 5806.8/38

Out: 3.055 ± 0.081 χ^2/NDF : 7052.7/40

All: 3.156 ± 0.057 χ^2/NDF : 12862.6/79

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -35.111 ± 0.108 χ^2/NDF : 18687.4/22
 Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17
 Left In: -34.020 ± 0.106 χ^2/NDF : 17832.3/21

Left: -34.553 ± 0.076 χ^2/NDF : 36571.6/44

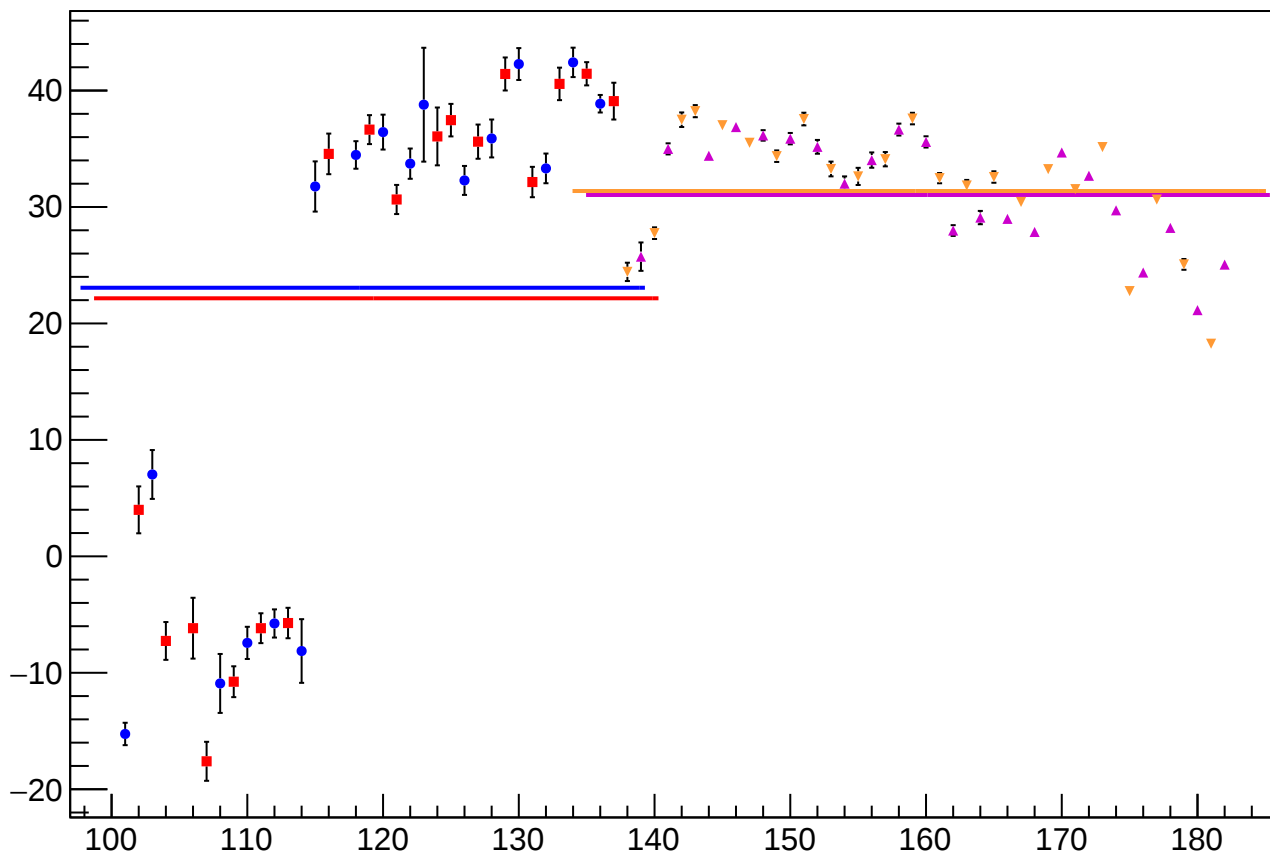
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -34.448 ± 0.104 χ^2/NDF : 18667.0/38

Out: -35.559 ± 0.106 χ^2/NDF : 19534.4/40

All: -34.992 ± 0.074 χ^2/NDF : 38257.5/79

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.372 $\pm$ 0.095 χ^2 /NDF:3168.6/22

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 31.031 $\pm$ 0.095 χ^2 /NDF:2488.1/21

Left: 31.200 $\pm$ 0.067 χ^2 /NDF: 5663.2/44

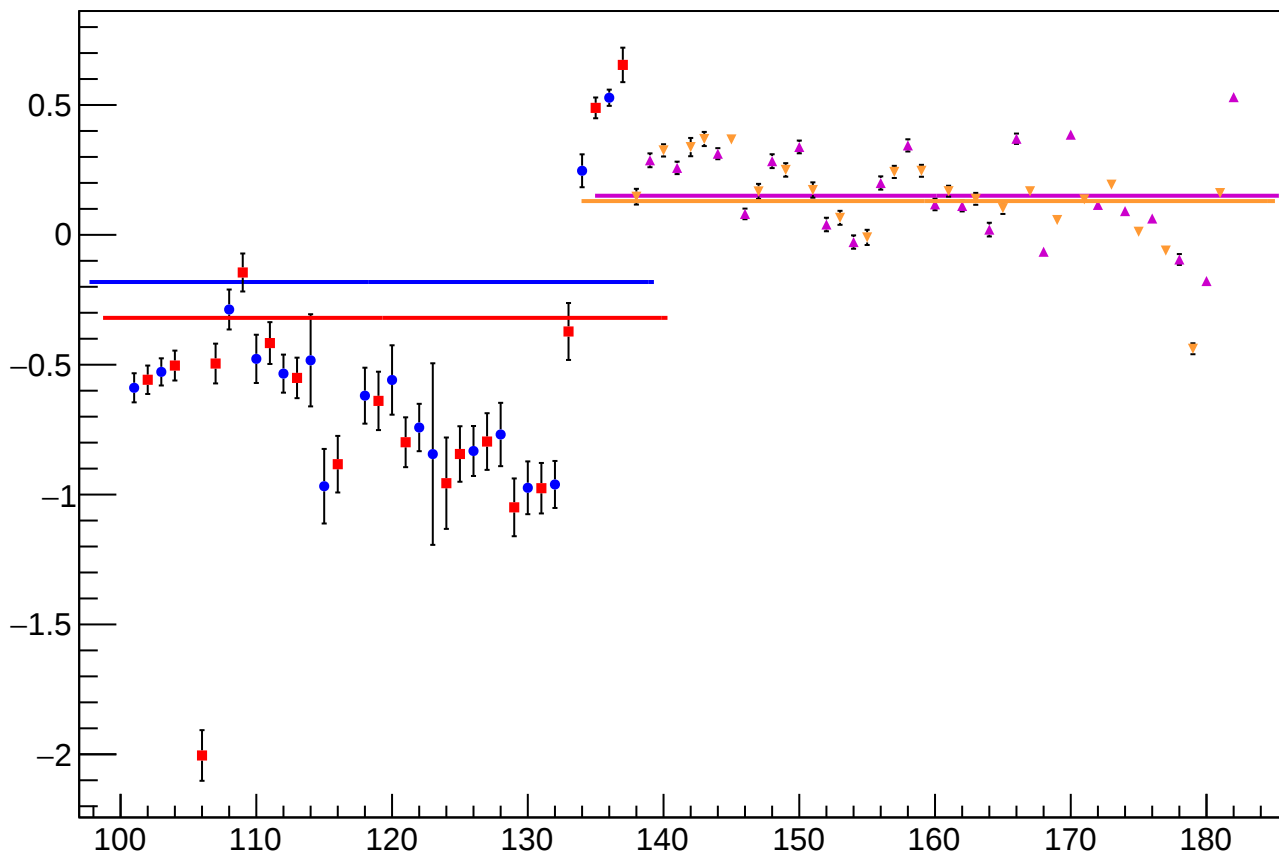
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 30.415 $\pm$ 0.091 χ^2 /NDF:7370.6/38

Out: 30.699 $\pm$ 0.092 χ^2 /NDF:7874.7/40

All: 30.555 $\pm$ 0.065 χ^2 /NDF: 15250.2/79

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.130 ± 0.004 χ^2/NDF : 1405.2/22

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.151 ± 0.004 χ^2/NDF : 1813.4/21

Left: 0.140 ± 0.003 χ^2/NDF : 3229.8/44

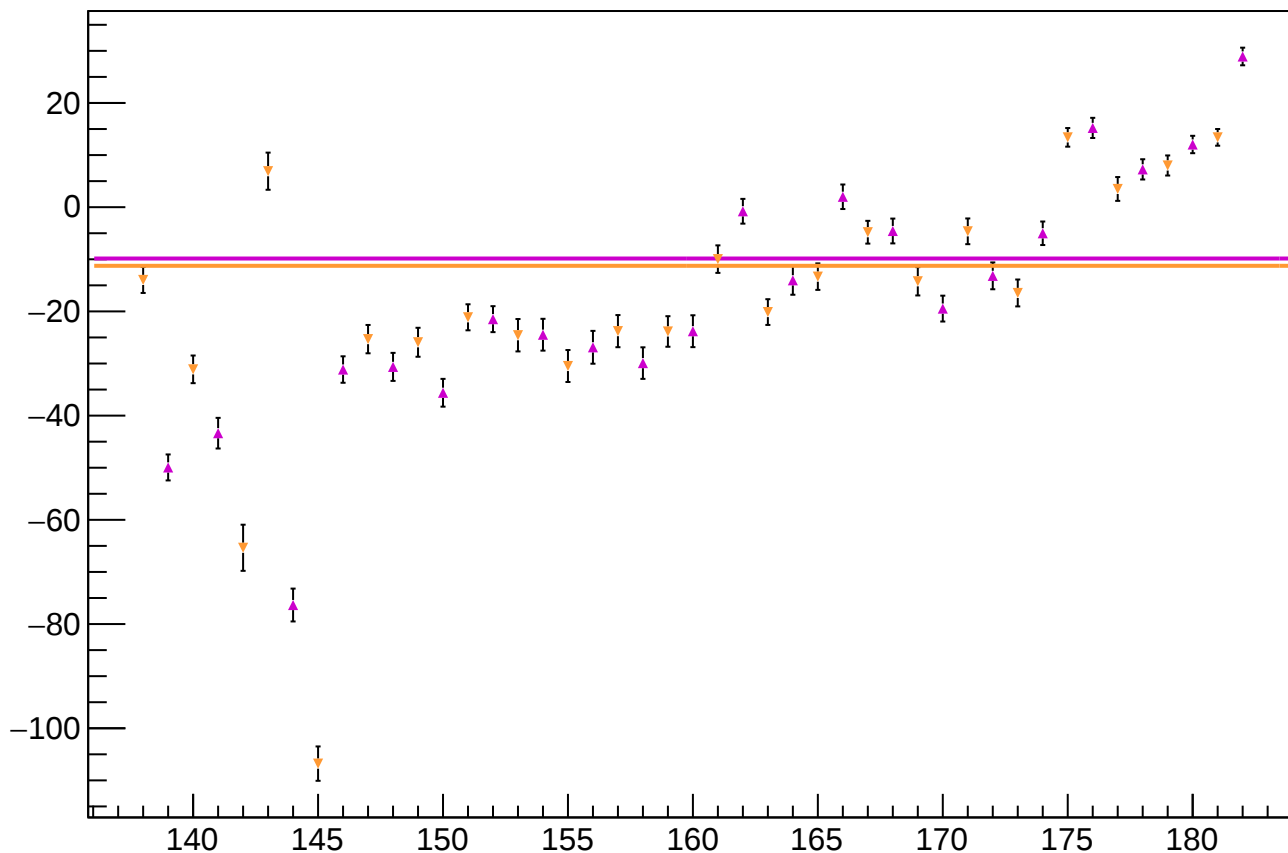
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.132 ± 0.004 χ^2/NDF : 3141.2/38

Out: 0.105 ± 0.004 χ^2/NDF : 3158.6/40

All: 0.119 ± 0.003 χ^2/NDF : 6319.7/79

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.249+/-0.522 χ^2/NDF :1838.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.851+/-0.512 χ^2/NDF :2207.0/21

Left: -10.536+/-0.366 χ^2/NDF : 4049.2/44

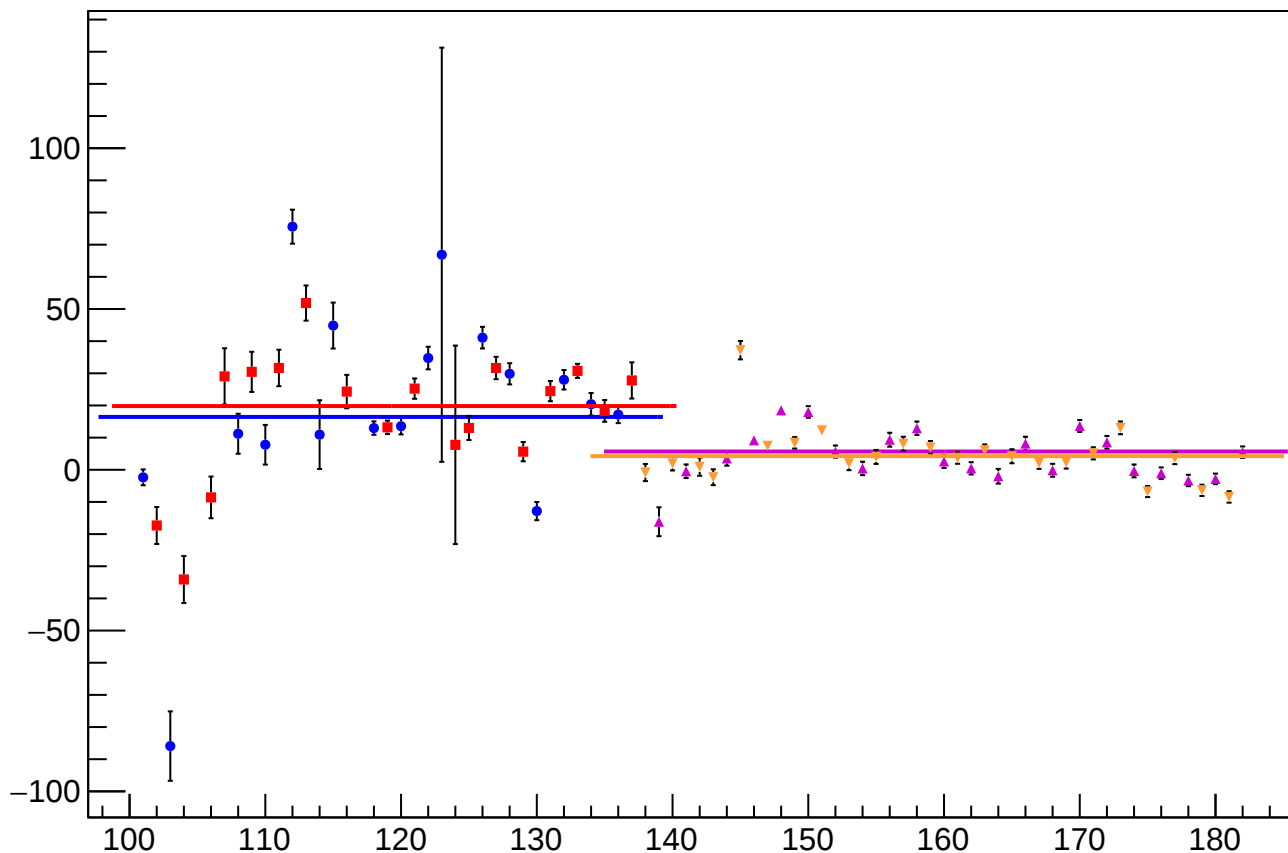
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.851+/-0.512 χ^2/NDF :2207.0/21

Out: -11.249+/-0.522 χ^2/NDF :1838.6/22

All: -10.536+/-0.366 χ^2/NDF : 4049.2/44

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 4.233 ± 0.403 $\chi^2/\text{NDF}: 346.1/22$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 5.687 ± 0.407 $\chi^2/\text{NDF}: 329.1/21$

Left: 4.953 ± 0.286 $\chi^2/\text{NDF}: 681.6/44$

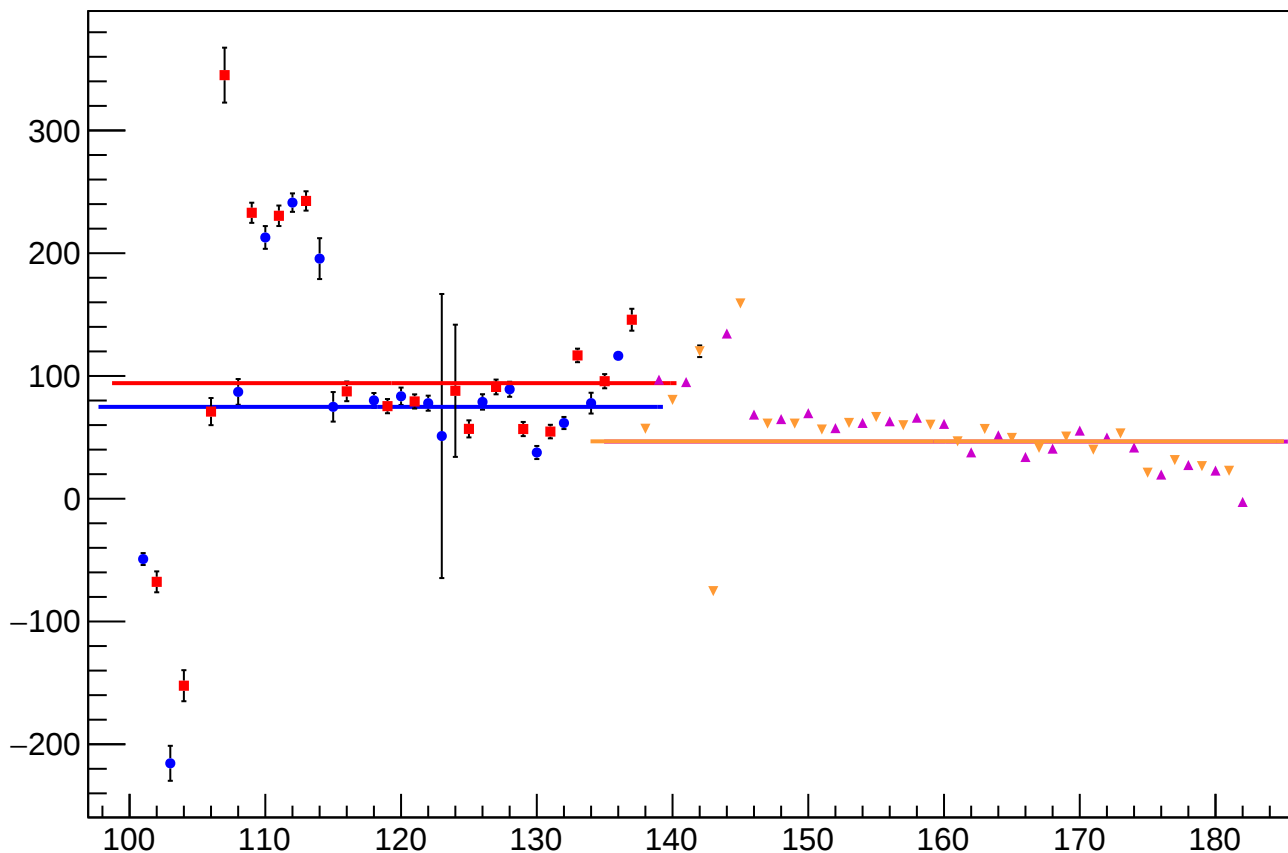
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 7.696 ± 0.367 $\chi^2/\text{NDF}: 976.6/38$

Out: 6.839 ± 0.368 $\chi^2/\text{NDF}: 834.6/40$

All: 7.269 ± 0.260 $\chi^2/\text{NDF}: 1813.9/79$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 46.755+/-0.519 χ^2/NDF : 3314.5/22

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 46.551+/-0.509 χ^2/NDF : 3000.4/21

Left: 46.651+/-0.363 χ^2/NDF : 6314.9/44

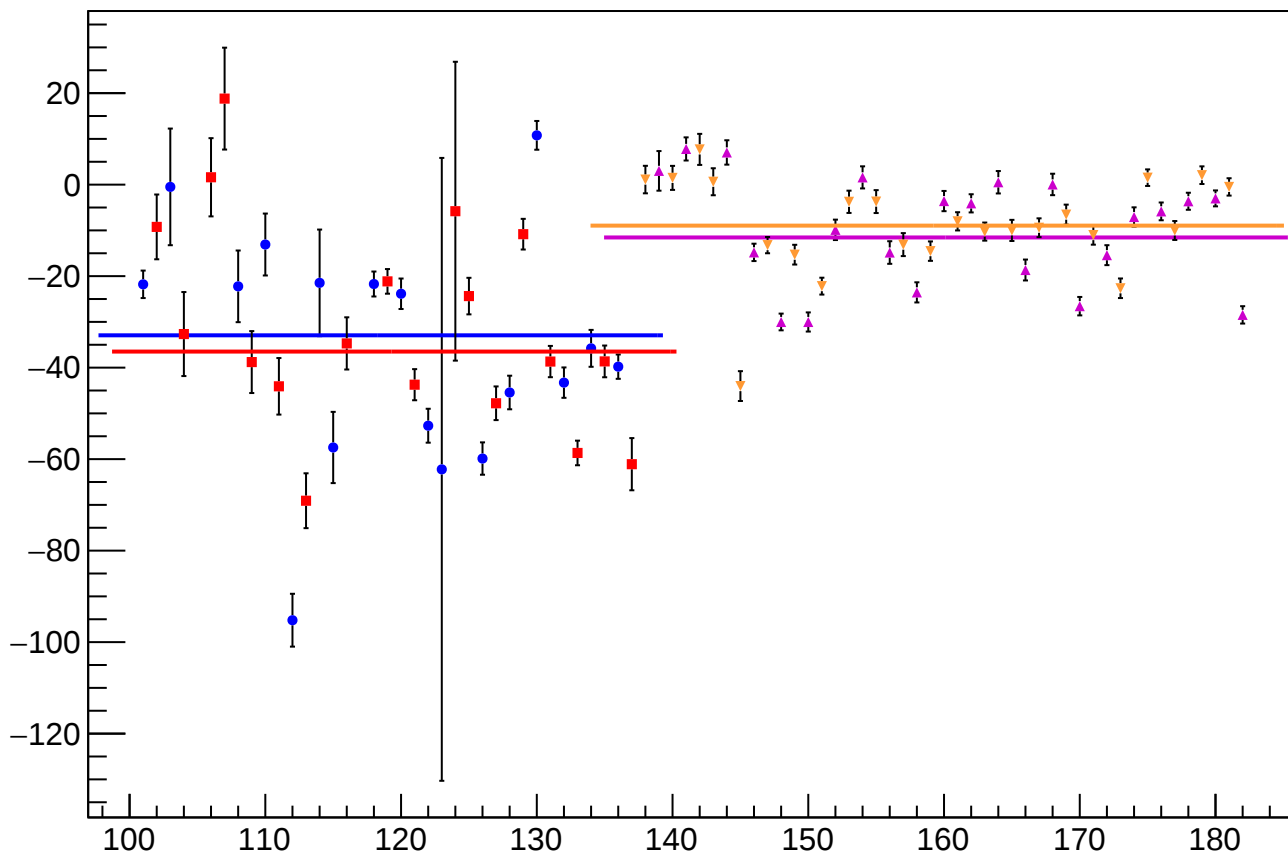
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 49.038+/-0.486 χ^2/NDF : 5268.7/38

Out: 50.713+/-0.497 χ^2/NDF : 5979.6/40

All: 49.857+/-0.347 χ^2/NDF : 11254.1/79

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -8.958 ± 0.458 χ^2/NDF : 392.2/22

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.545 ± 0.459 χ^2/NDF : 642.3/21

Left: -10.249 ± 0.324 χ^2/NDF : 1050.4/44

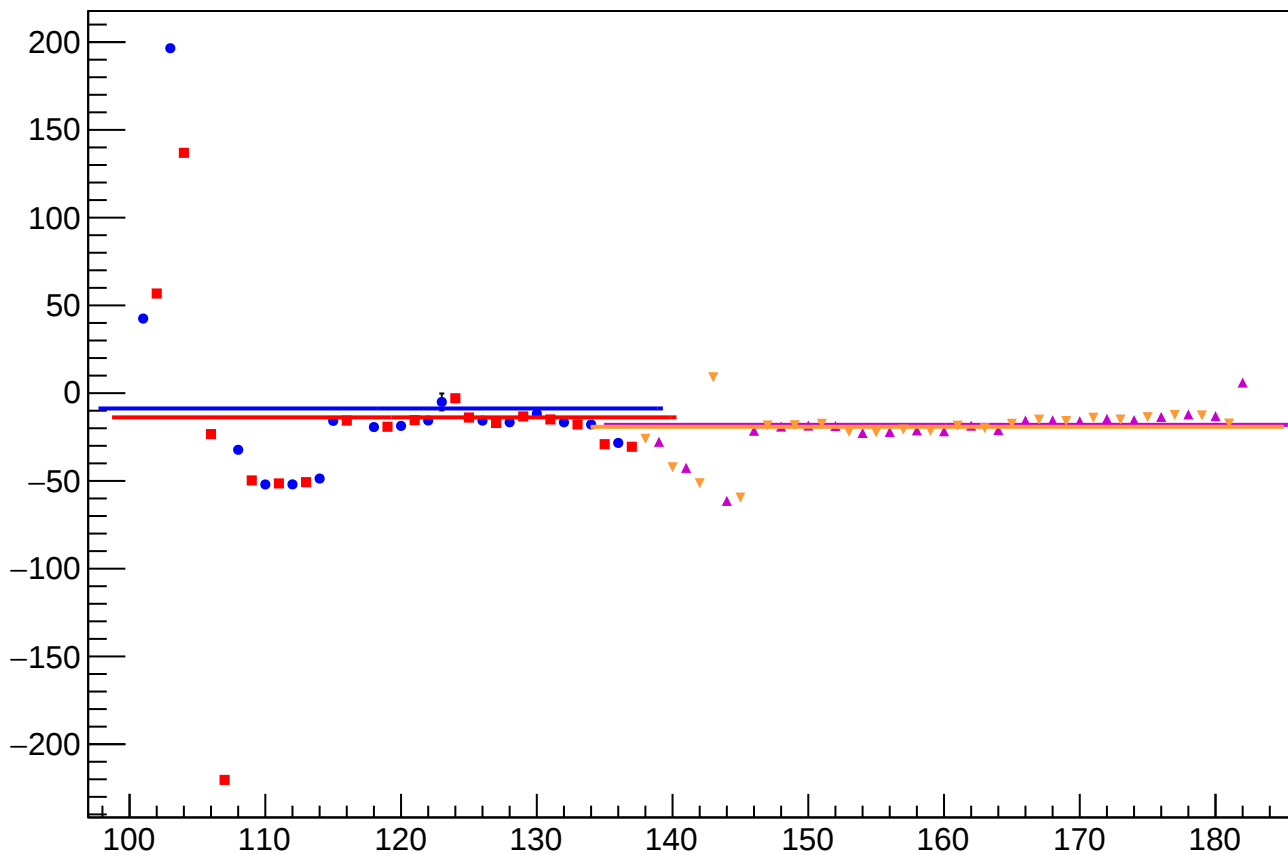
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -15.441 ± 0.415 χ^2/NDF : 1528.0/38

Out: -13.534 ± 0.419 χ^2/NDF : 1285.0/40

All: -14.495 ± 0.295 χ^2/NDF : 2823.4/79

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: -19.172 ± 0.021 $\chi^2/\text{NDF}: 218924.4/22$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -18.047 ± 0.021 $\chi^2/\text{NDF}: 235833.7/21$

Left: -18.600 ± 0.015 $\chi^2/\text{NDF}: 456195.5/44$

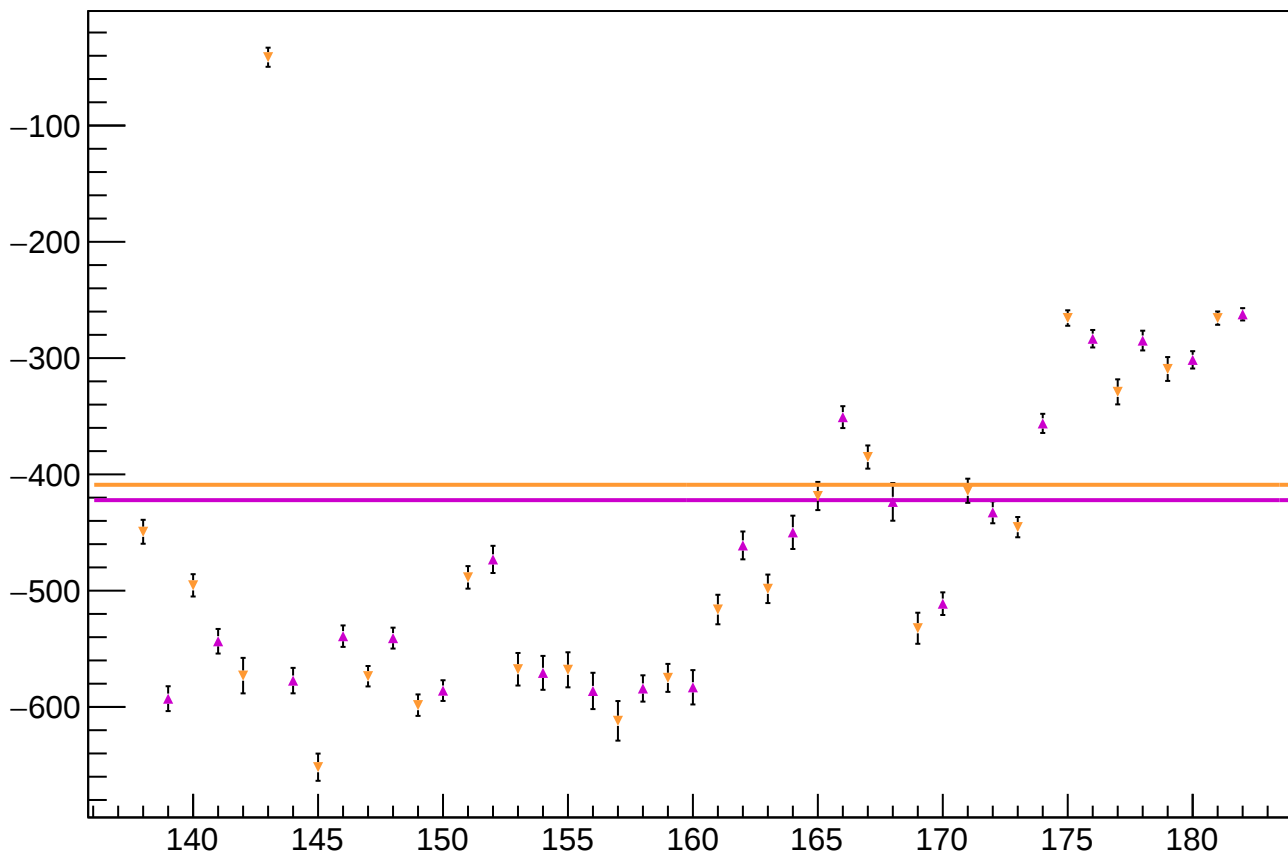
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -17.011 ± 0.020 $\chi^2/\text{NDF}: 833969.8/38$

Out: -18.613 ± 0.020 $\chi^2/\text{NDF}: 775030.1/40$

All: -17.795 ± 0.014 $\chi^2/\text{NDF}: 1612263.2/79$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -408.948+/-2.082 χ^2/NDF :5526.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Left: -415.679+/-1.457 χ^2/NDF : 9362.0/44

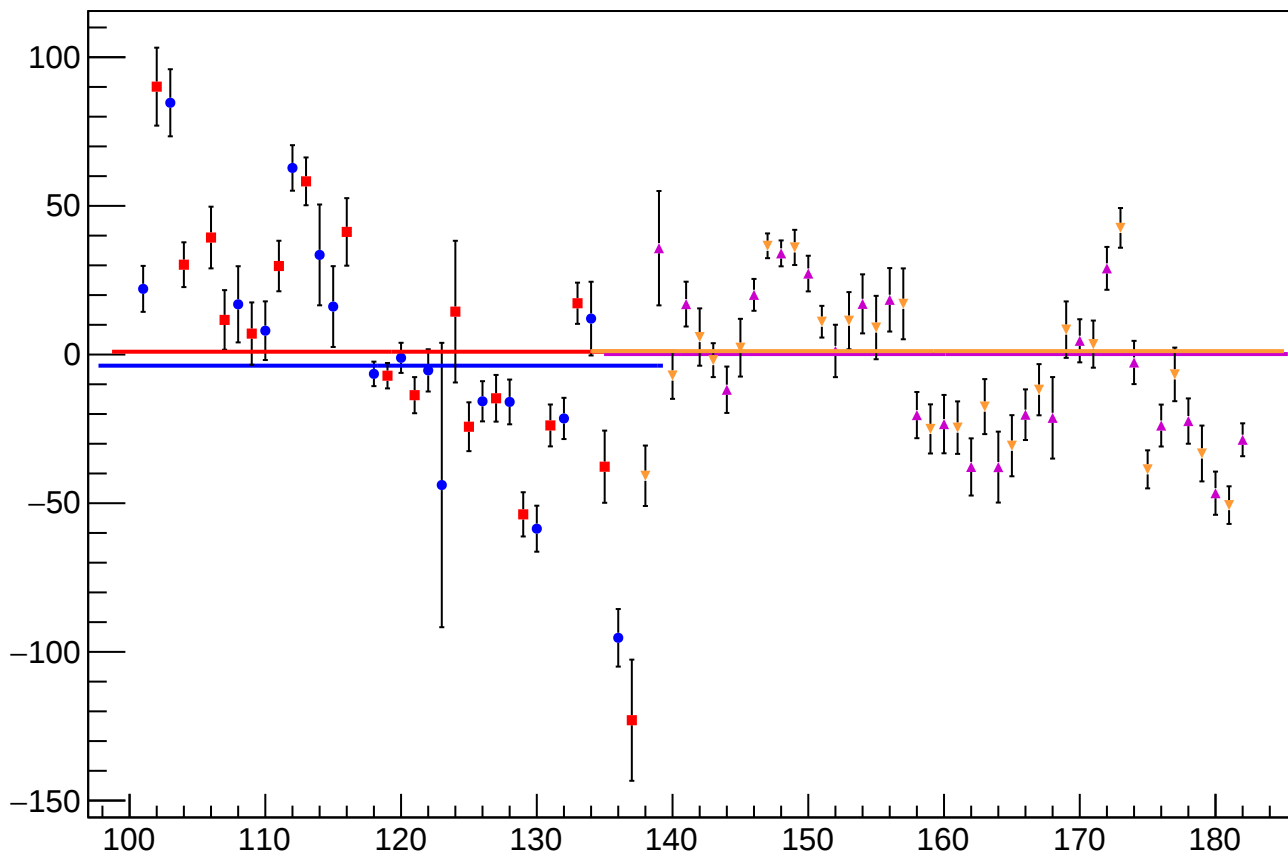
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Out: -408.948+/-2.082 χ^2/NDF :5526.7/22

All: -415.679+/-1.457 χ^2/NDF : 9362.0/44

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 1.152 ± 1.560 χ^2/NDF : 326.3/22

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 0.163 ± 1.593 χ^2/NDF : 263.5/21

Left: 0.668 ± 1.115 χ^2/NDF : 589.9/44

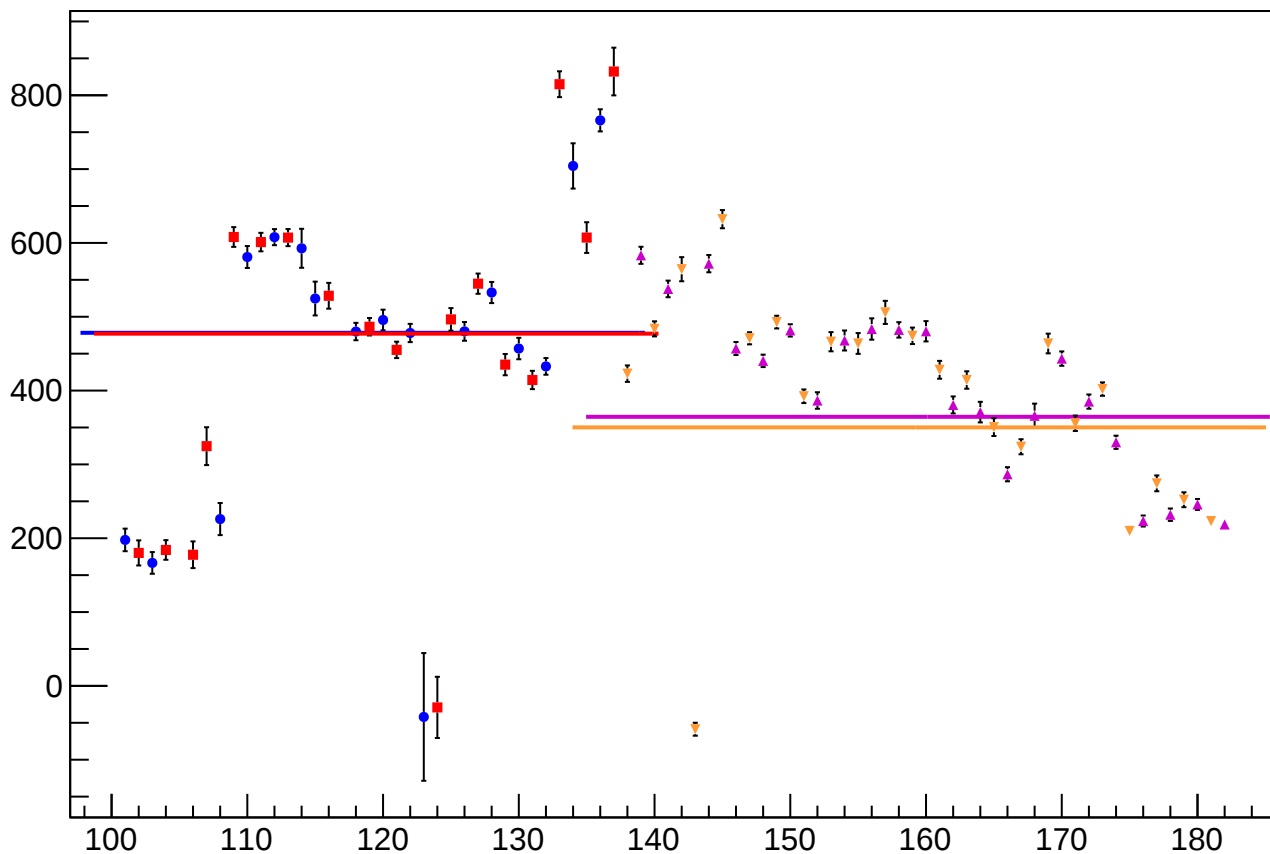
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -1.458 ± 1.219 χ^2/NDF : 580.0/38

Out: 1.071 ± 1.210 χ^2/NDF : 619.9/40

All: -0.185 ± 0.859 χ^2/NDF : 1202.2/79

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 350.155+/-2.082 χ^2/NDF : 5186.6/22

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 364.467+/-2.036 χ^2/NDF : 3346.3/21

Left: 357.469+/-1.456 χ^2/NDF : 8557.1/44

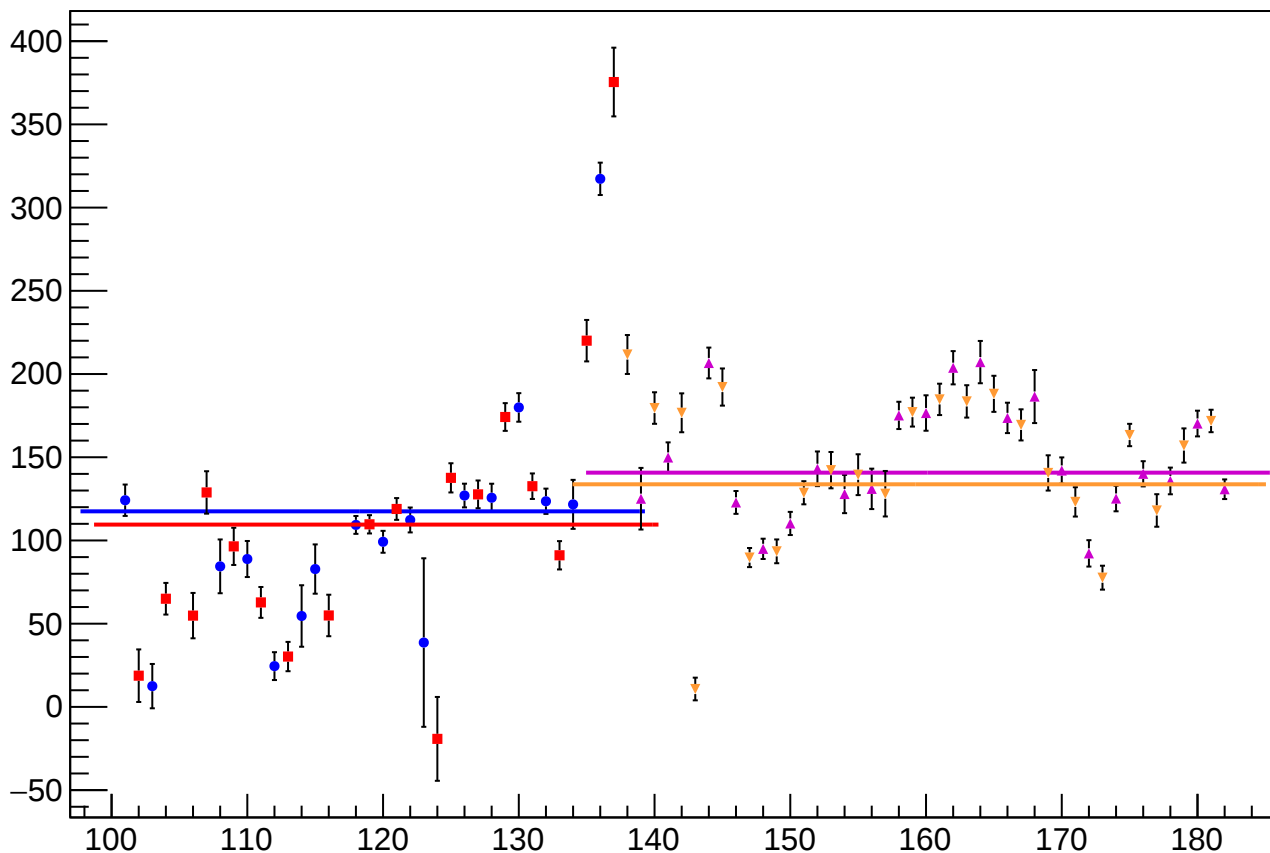
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 391.607+/-1.777 χ^2/NDF : 5719.3/38

Out: 382.753+/-1.795 χ^2/NDF : 8317.5/40

All: 387.224+/-1.263 χ^2/NDF : 14049.1/79

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 133.750 $\pm$ 1.806 χ^2 /NDF: 768.5/22

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.740 $\pm$ 1.818 χ^2 /NDF: 313.6/21

Left: 137.221 $\pm$ 1.281 χ^2 /NDF: 1089.5/44

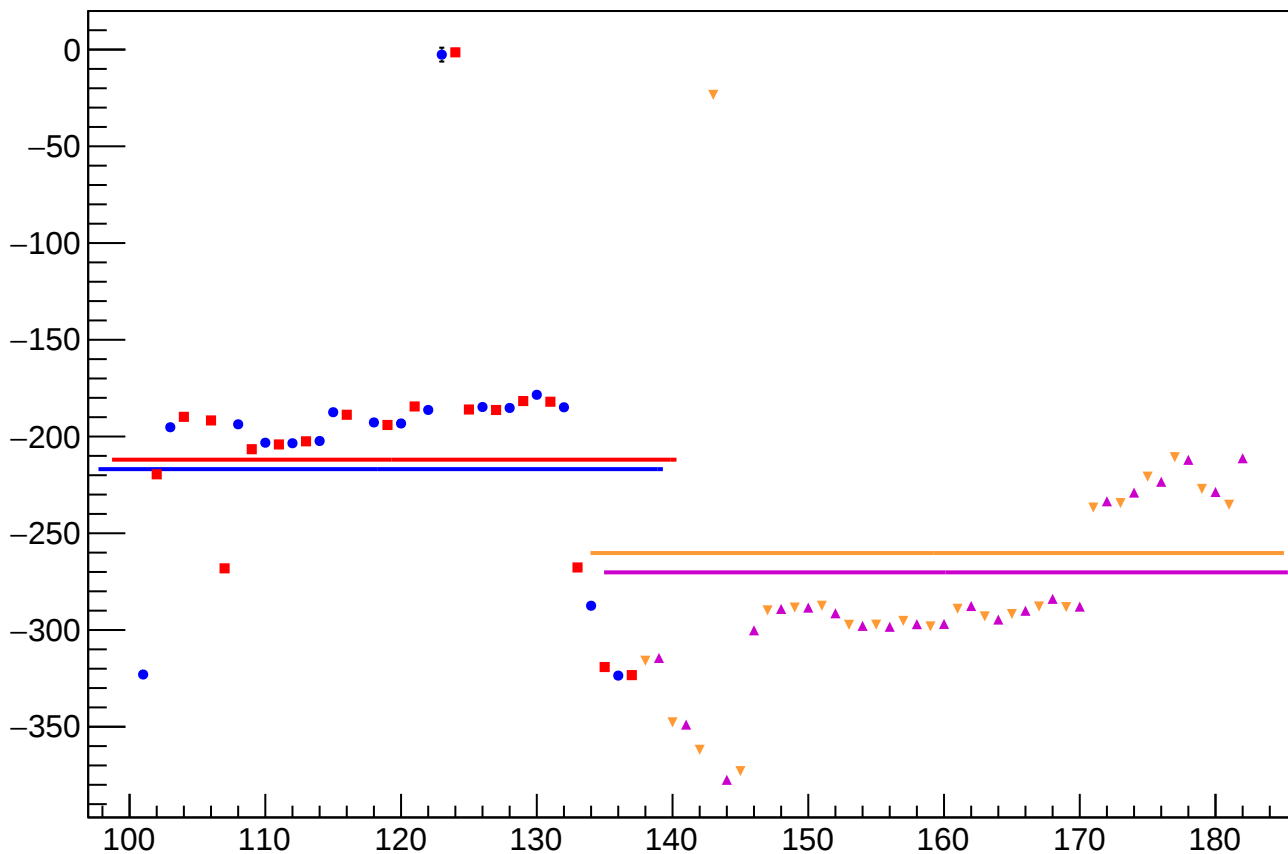
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 131.298 $\pm$ 1.401 χ^2 /NDF: 1085.9/38

Out: 124.047 $\pm$ 1.398 χ^2 /NDF: 1402.7/40

All: 127.665 $\pm$ 0.990 χ^2 /NDF: 2502.0/79

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -260.217+/-0.087 χ^2/NDF : 696668.4/22

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -270.201+/-0.085 χ^2/NDF : 250682.1/21

Left: -265.315+/-0.061 χ^2/NDF : 954137.9/44

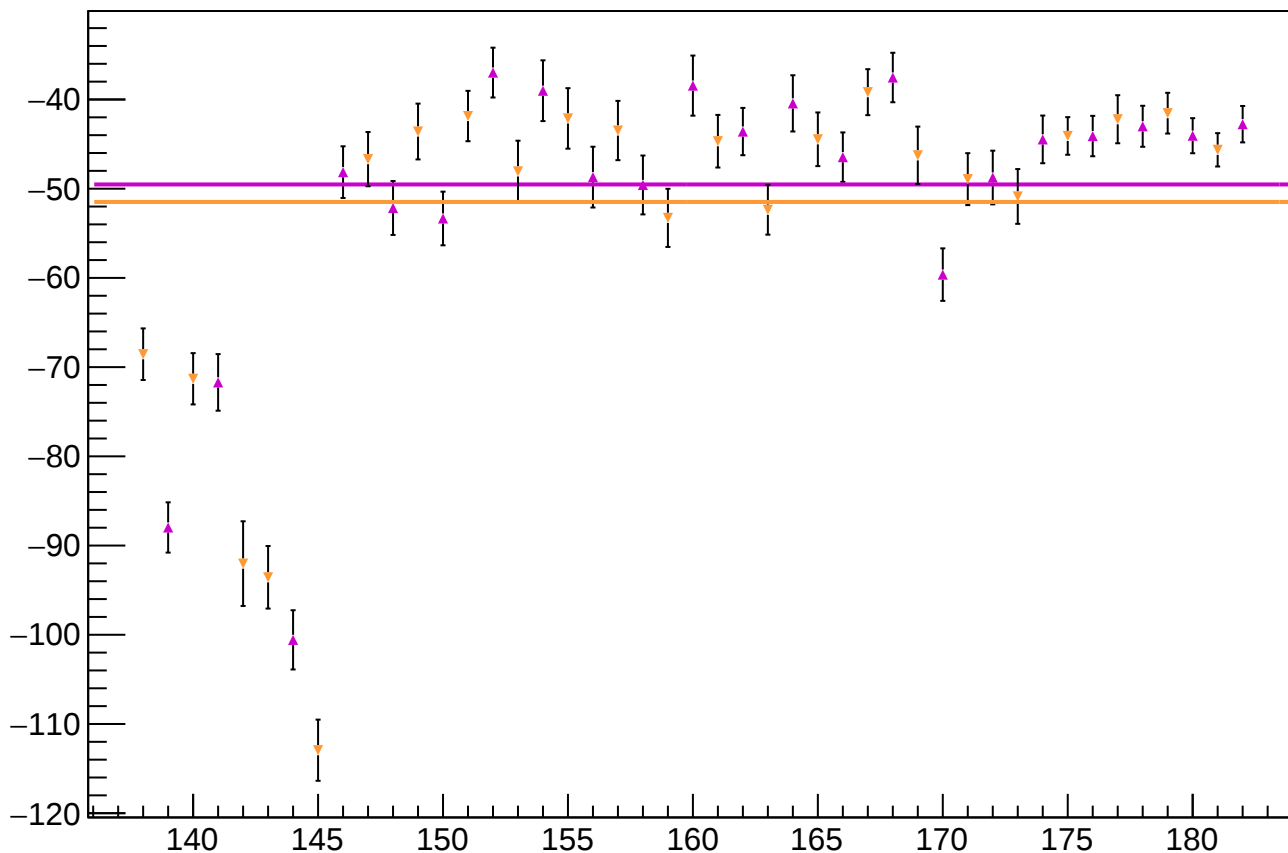
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -255.250+/-0.072 χ^2/NDF : 508580.7/38

Out: -245.489+/-0.072 χ^2/NDF : 903535.8/40

All: -250.387+/-0.051 χ^2/NDF : 1421293.5/79

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



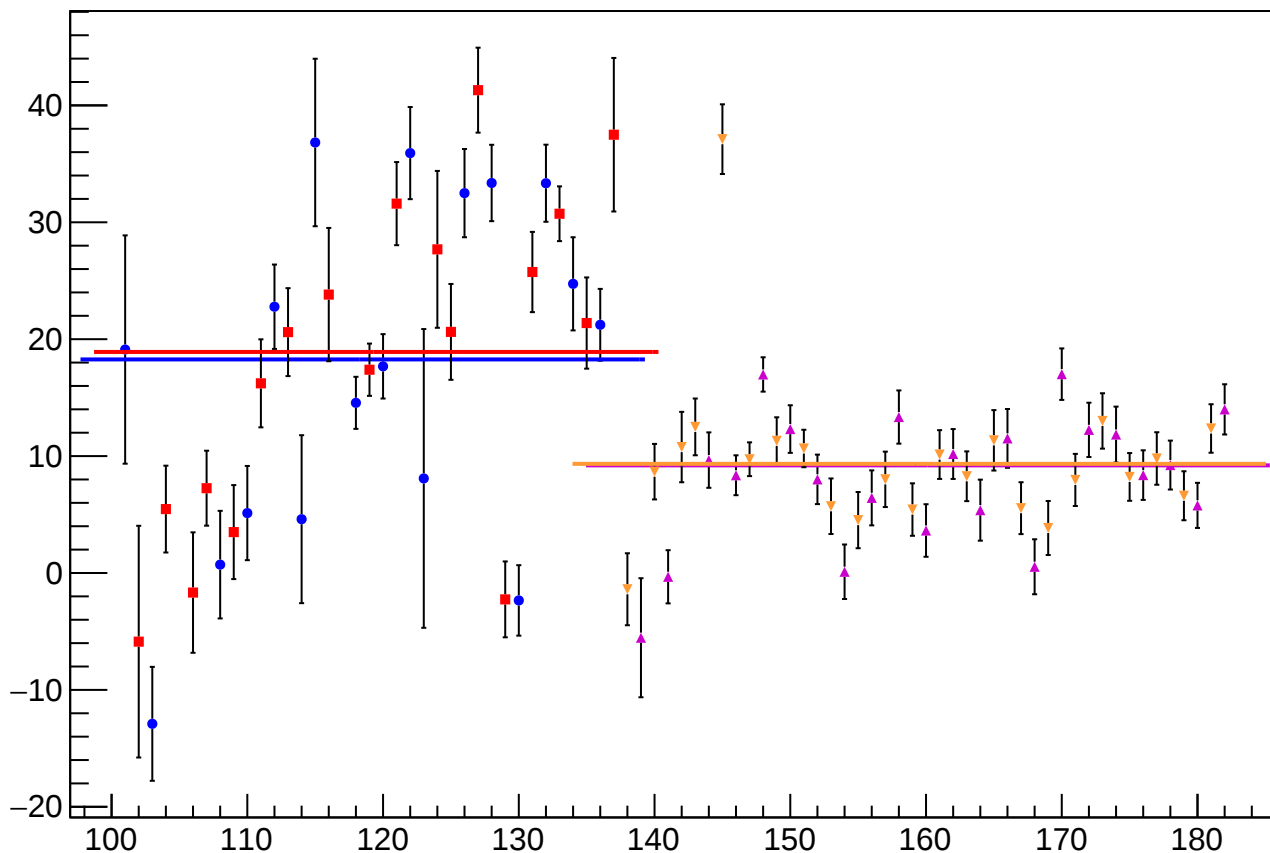
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -49.524 ± 0.588 $\chi^2/\text{NDF}: 595.8/21$

Left: -50.491 ± 0.419 $\chi^2/\text{NDF}: 1347.2/44$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -49.524 ± 0.588 $\chi^2/\text{NDF}: 595.8/21$
 Out: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$

All: -50.491 ± 0.419 $\chi^2/\text{NDF}: 1347.2/44$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.337 ± 0.457 χ^2/NDF : 128.8/22

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.207 ± 0.464 χ^2/NDF : 123.5/21

Left: 9.273 ± 0.326 χ^2/NDF : 252.4/44

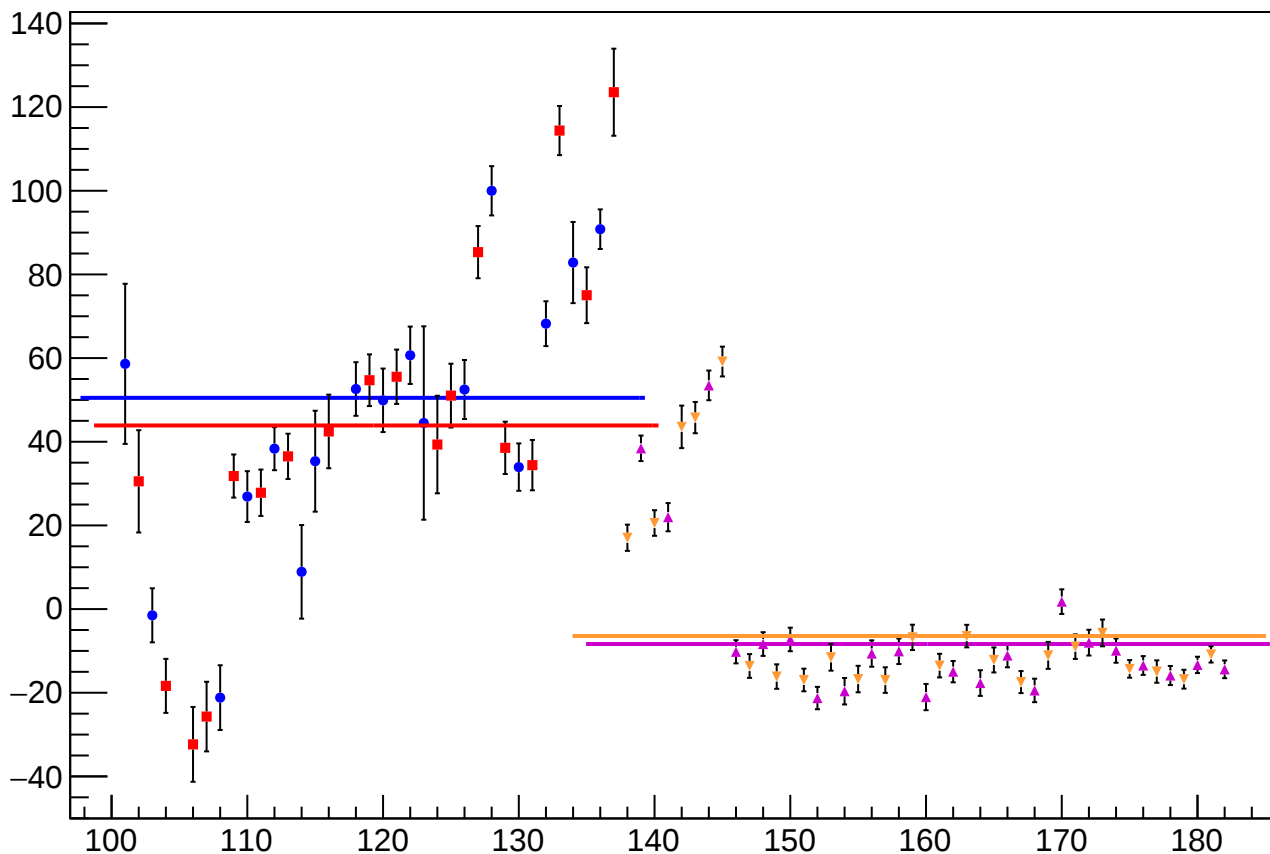
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.087 ± 0.413 χ^2/NDF : 411.0/38

Out: 11.429 ± 0.404 χ^2/NDF : 422.8/40

All: 11.262 ± 0.289 χ^2/NDF : 834.1/79

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -6.433 ± 0.593 $\chi^2/\text{NDF}: 903.3/22$

Right Out: 43.895 ± 1.604 $\chi^2/\text{NDF}: 531.7/17$

Left In: -8.354 ± 0.584 $\chi^2/\text{NDF}: 748.6/21$

Left: -7.408 ± 0.416 $\chi^2/\text{NDF}: 1657.2/44$

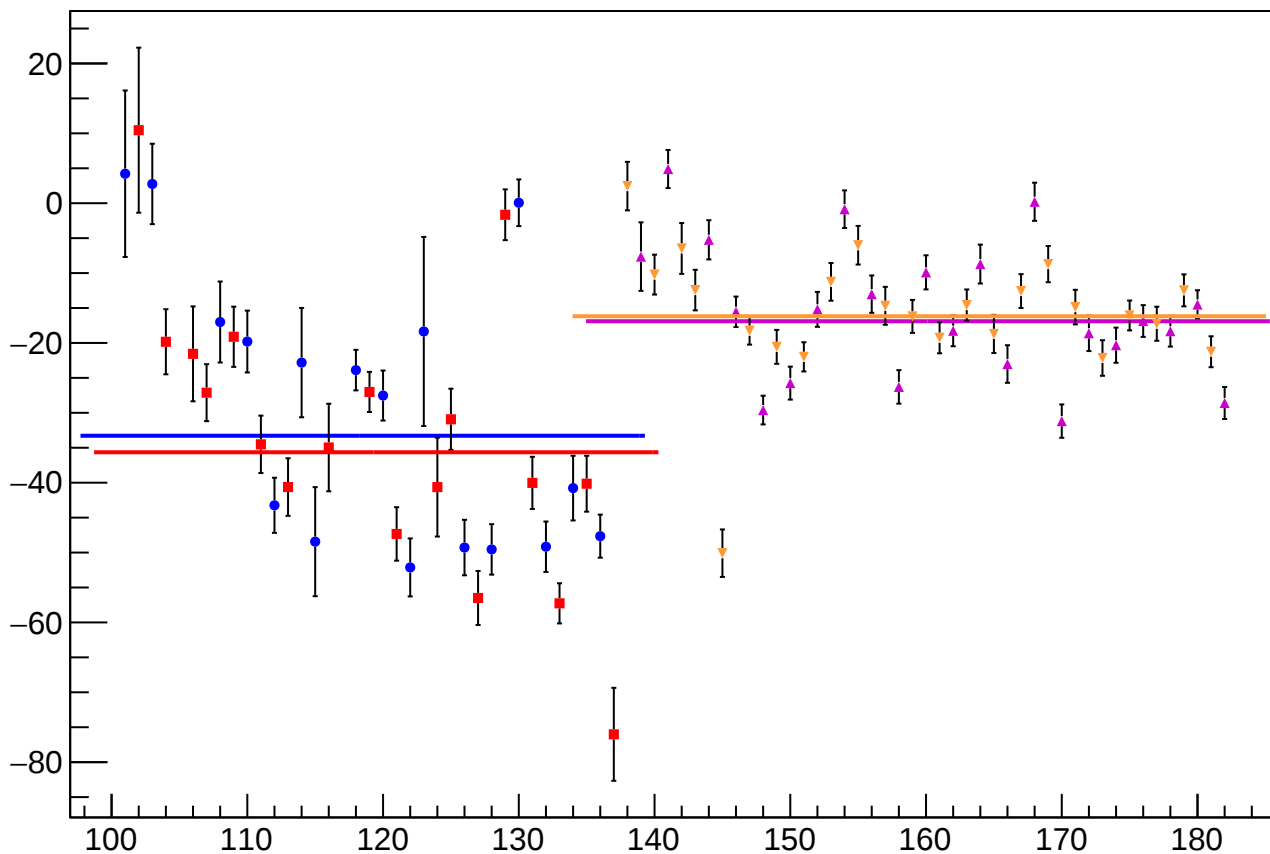
Right: 47.060 ± 1.157 $\chi^2/\text{NDF}: 903.0/34$

In: -1.950 ± 0.551 $\chi^2/\text{NDF}: 2217.4/38$

Out: -0.384 ± 0.556 $\chi^2/\text{NDF}: 2301.5/40$

All: -1.174 ± 0.391 $\chi^2/\text{NDF}: 4522.9/79$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.175 ± 0.521 $\chi^2/\text{NDF}: 198.5/22$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -16.892 ± 0.525 $\chi^2/\text{NDF}: 318.5/21$

Left: -16.531 ± 0.370 $\chi^2/\text{NDF}: 518.0/44$

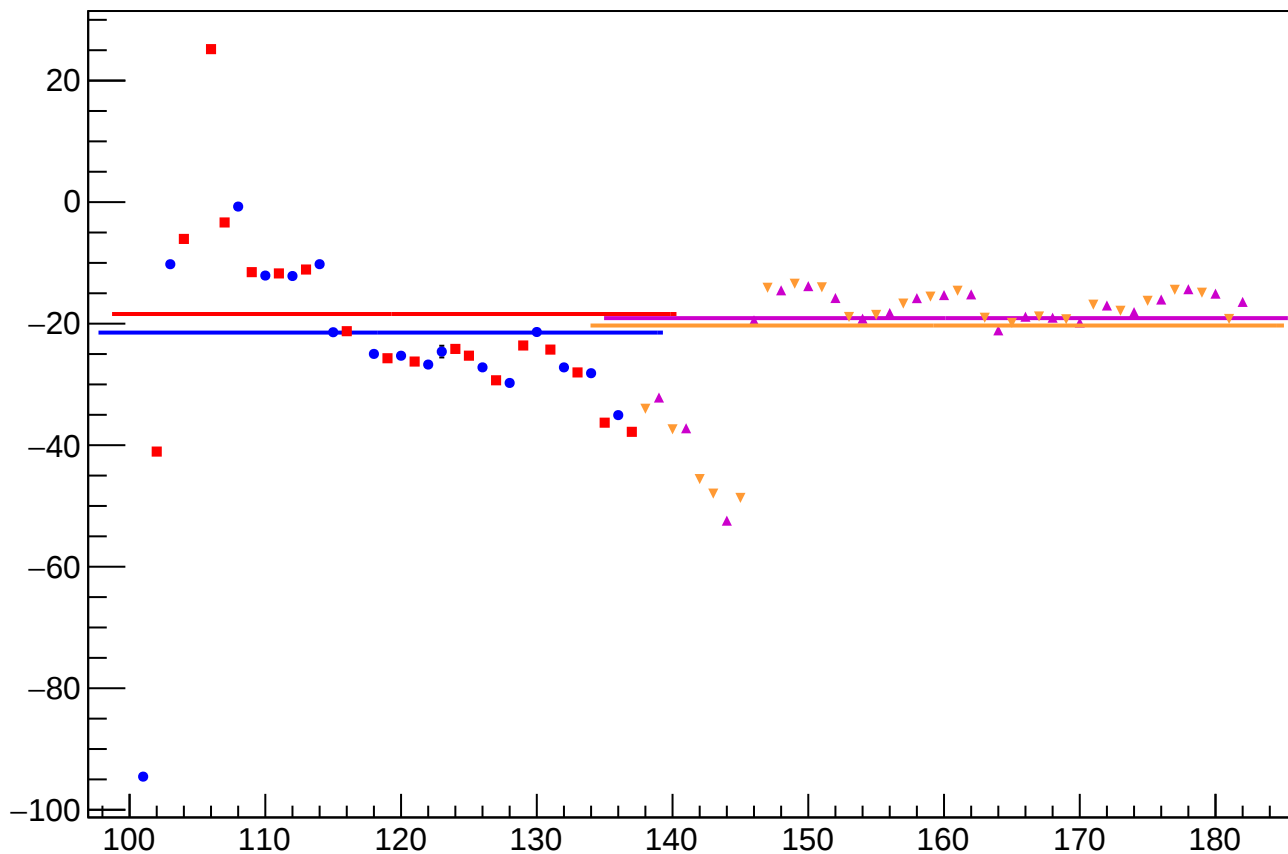
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -20.245 ± 0.468 $\chi^2/\text{NDF}: 810.9/38$

Out: -20.383 ± 0.462 $\chi^2/\text{NDF}: 784.6/40$

All: -20.315 ± 0.329 $\chi^2/\text{NDF}: 1595.6/79$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 $\pm$ 0.059 χ^2 /NDF: 48979.5/16

Left Out: -20.306 $\pm$ 0.024 χ^2 /NDF:143173.9/22

Right Out: -18.411 $\pm$ 0.057 χ^2 /NDF: 77587.3/17

Left In: -19.090 $\pm$ 0.024 χ^2 /NDF:92654.3/21

Left: -19.690 $\pm$ 0.017 χ^2 /NDF: 237116.4/44

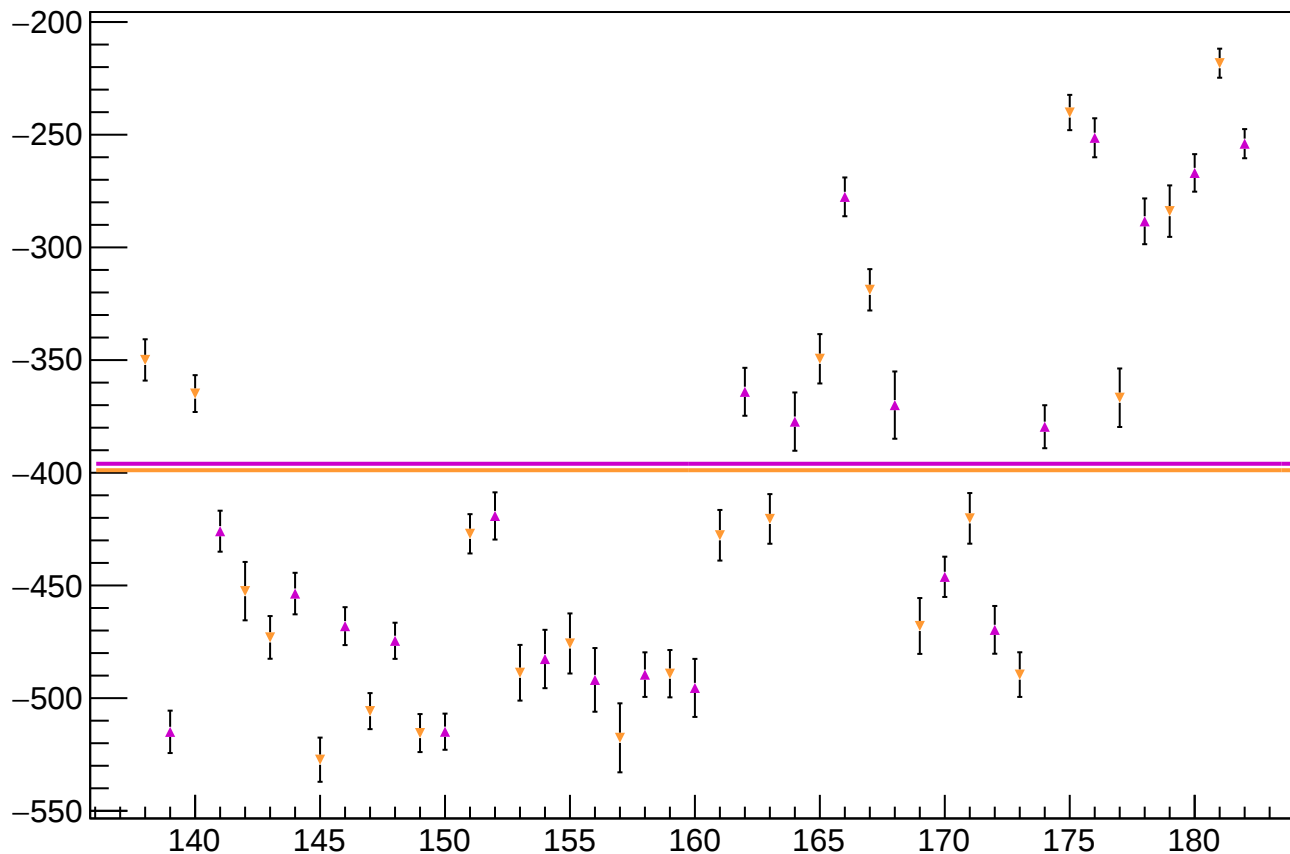
Right: -19.904 $\pm$ 0.041 χ^2 /NDF: 127953.4/34

In: -19.426 $\pm$ 0.022 χ^2 /NDF:143042.2/38

Out: -20.022 $\pm$ 0.022 χ^2 /NDF:221687.9/40

All: -19.722 $\pm$ 0.016 χ^2 /NDF: 365093.0/79

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Left: -397.419+/-1.442 χ^2/NDF : 4669.4/44

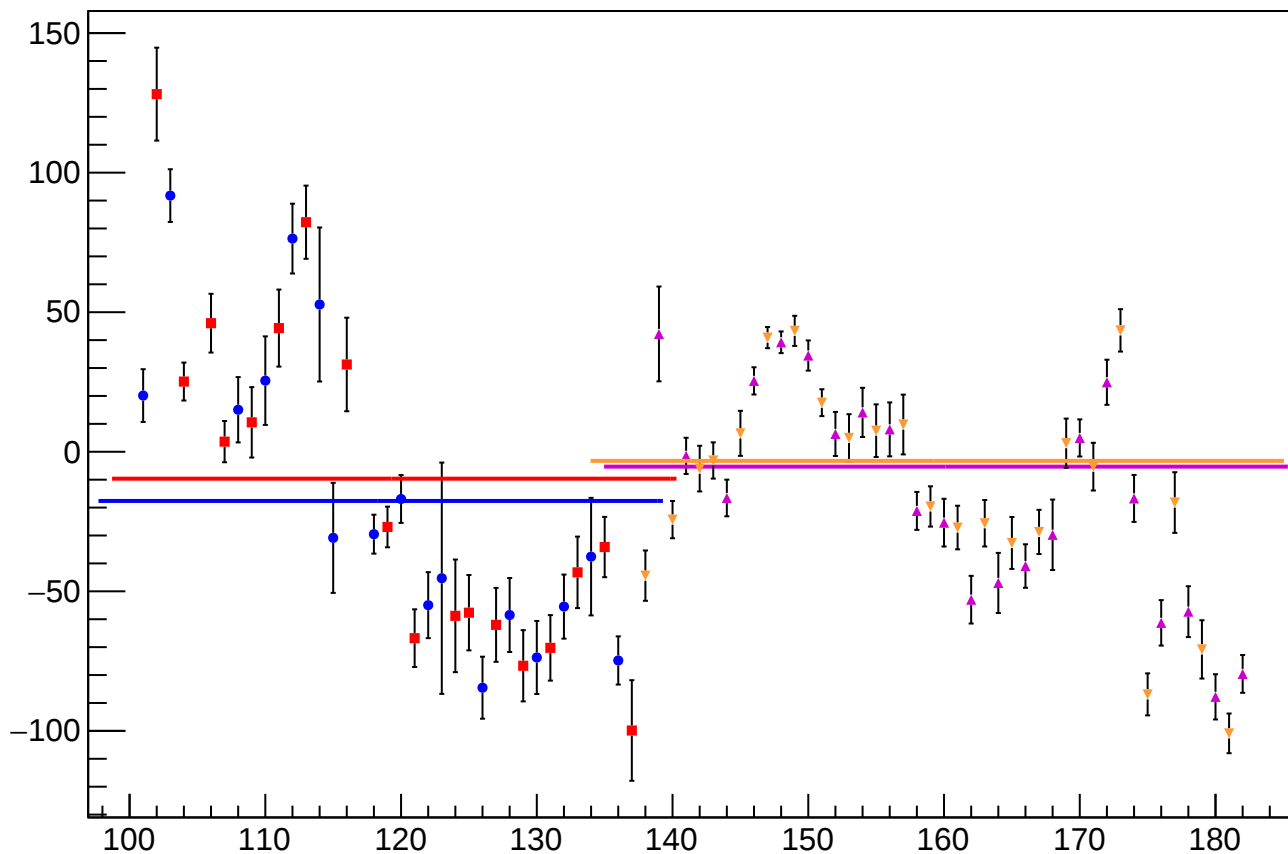
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

All: -397.419+/-1.442 χ^2/NDF : 4669.4/44

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -3.265 ± 1.497 $\chi^2/\text{NDF}: 701.5/22$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: -5.324 ± 1.526 $\chi^2/\text{NDF}: 649.1/21$

Left: -4.275 ± 1.069 $\chi^2/\text{NDF}: 1351.6/44$

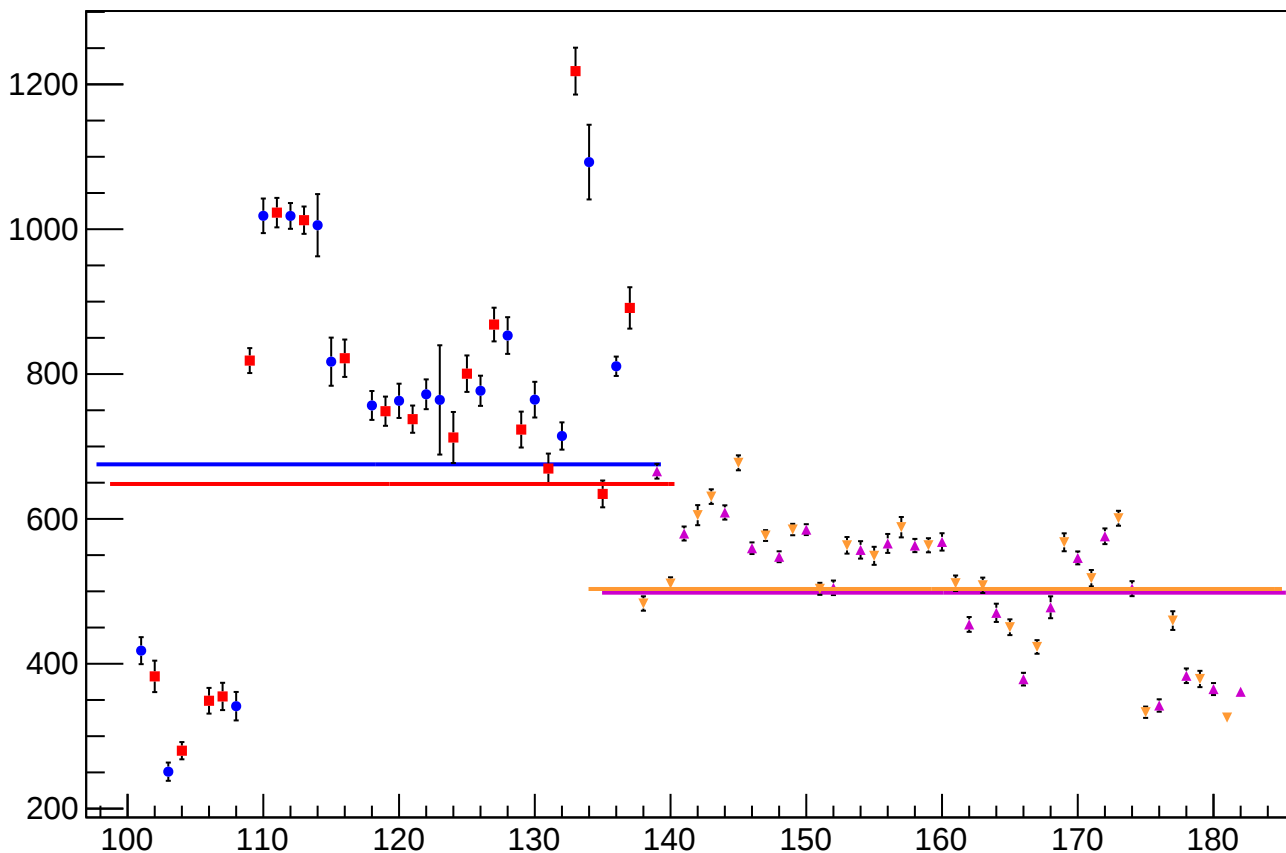
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -8.162 ± 1.339 $\chi^2/\text{NDF}: 1026.1/38$

Out: -4.841 ± 1.299 $\chi^2/\text{NDF}: 1066.7/40$

All: -6.451 ± 0.932 $\chi^2/\text{NDF}: 2096.0/79$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 503.247 $\pm$ 2.043 χ^2 /NDF:2349.2/22

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 498.142 $\pm$ 2.012 χ^2 /NDF:2266.9/21

Left: 500.655 $\pm$ 1.434 χ^2 /NDF: 4619.2/44

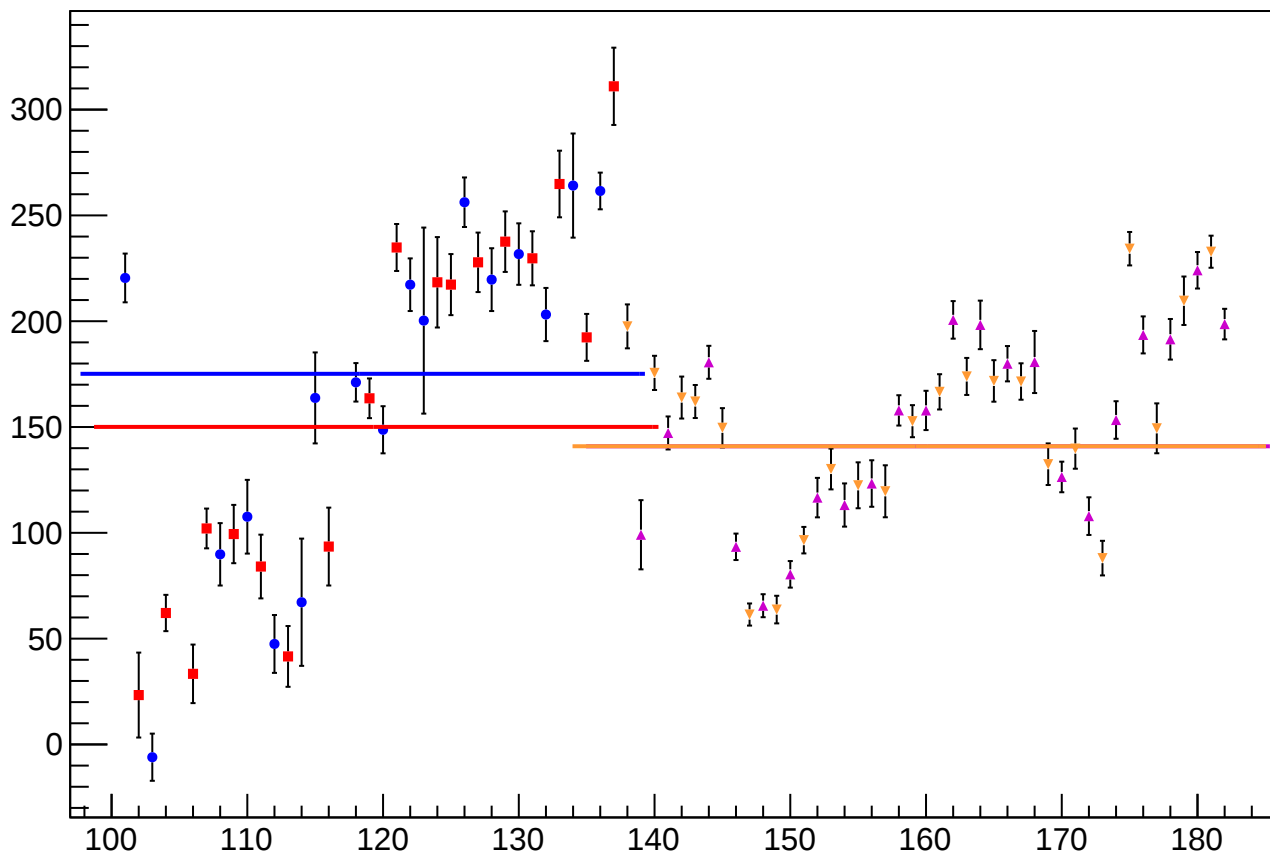
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 522.449 $\pm$ 1.869 χ^2 /NDF:5913.7/38

Out: 525.689 $\pm$ 1.879 χ^2 /NDF:6187.4/40

All: 524.060 $\pm$ 1.325 χ^2 /NDF: 12102.6/79

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 140.911 ± 1.747 $\chi^2/\text{NDF}: 905.2/22$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 140.888 ± 1.761 $\chi^2/\text{NDF}: 742.1/21$

Left: 140.900 ± 1.240 $\chi^2/\text{NDF}: 1647.3/44$

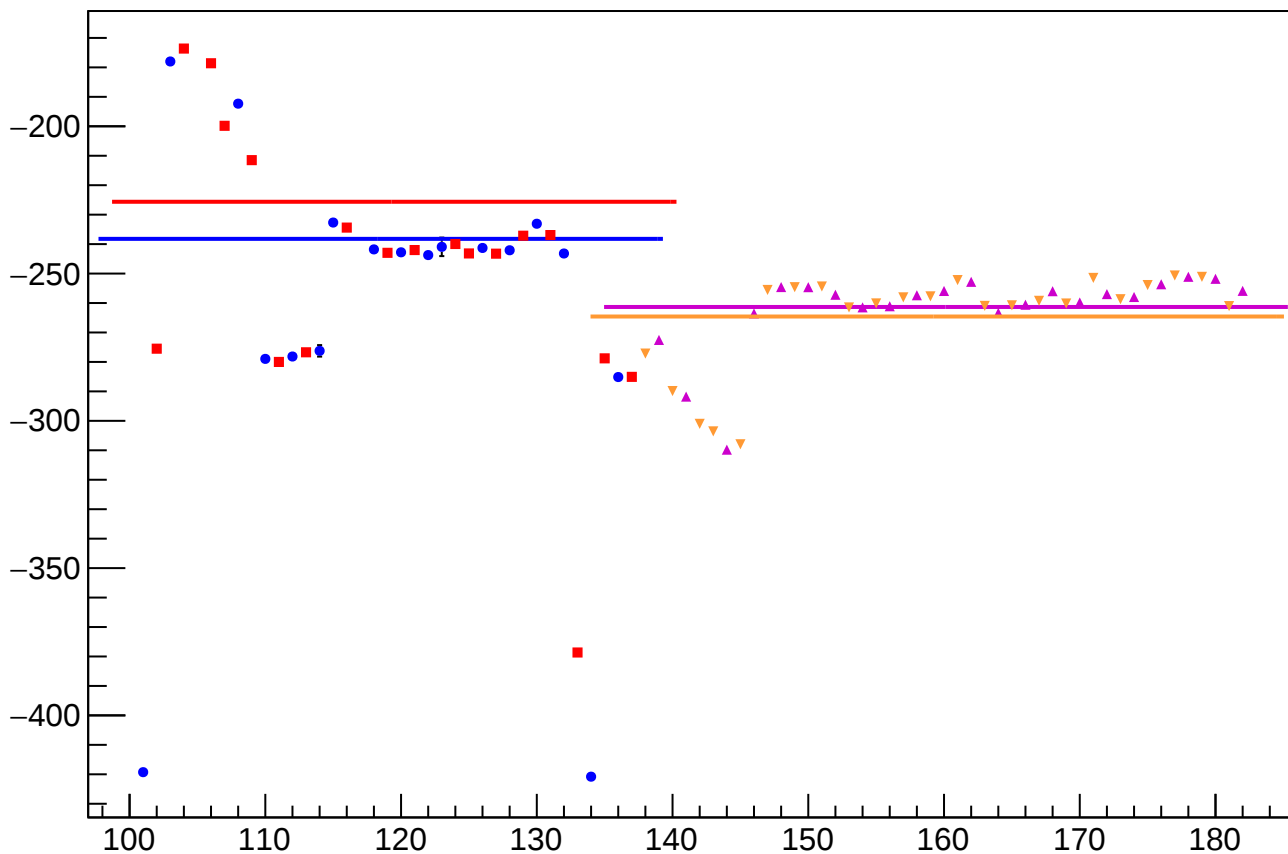
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 148.817 ± 1.544 $\chi^2/\text{NDF}: 1465.3/38$

Out: 143.175 ± 1.515 $\chi^2/\text{NDF}: 1598.1/40$

All: 145.943 ± 1.082 $\chi^2/\text{NDF}: 3070.2/79$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.581+/-0.084 χ^2/NDF : 38226.6/22

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -261.339+/-0.083 χ^2/NDF : 23448.0/21

Left: -262.929+/-0.059 χ^2/NDF : 62430.1/44

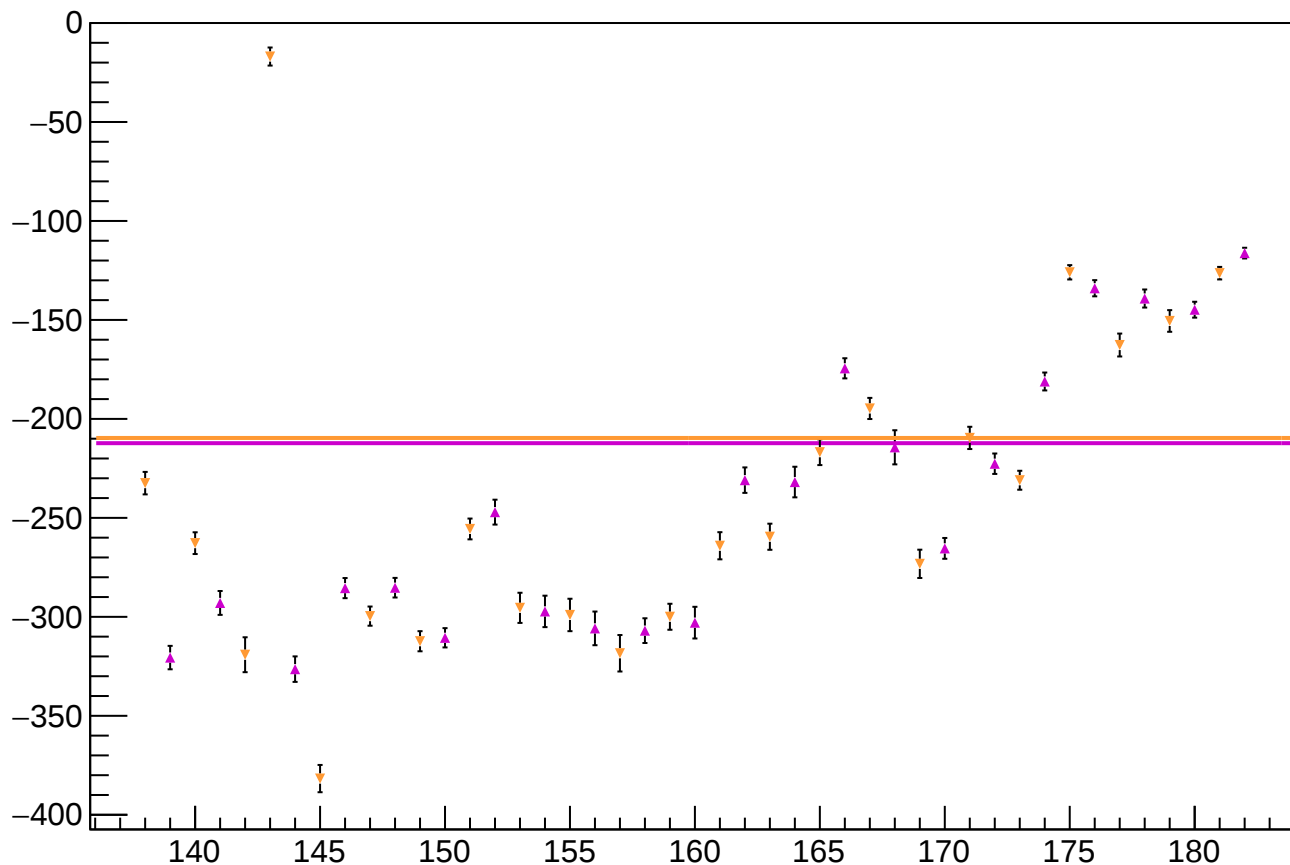
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.477+/-0.073 χ^2/NDF : 207026.7/38

Out: -255.397+/-0.074 χ^2/NDF : 184164.7/40

All: -255.938+/-0.052 χ^2/NDF : 391299.5/79

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -209.629 $\pm$ 1.141 χ^2 /NDF:5711.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -212.265 $\pm$ 1.104 χ^2 /NDF:4674.7/21

Left: -210.991 $\pm$ 0.794 χ^2 /NDF: 10388.9/44

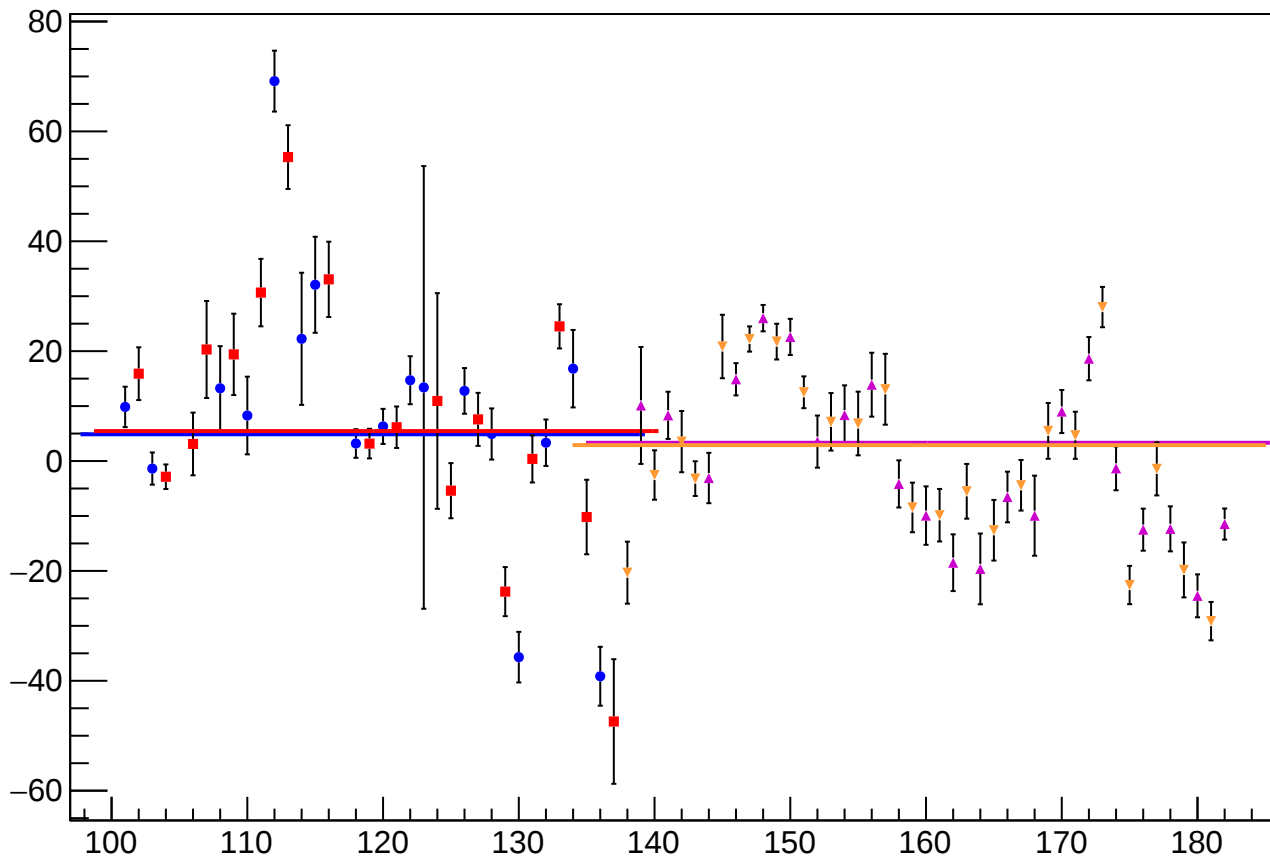
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -212.265 $\pm$ 1.104 χ^2 /NDF:4674.7/21

Out: -209.629 $\pm$ 1.141 χ^2 /NDF:5711.4/22

All: -210.991 $\pm$ 0.794 χ^2 /NDF: 10388.9/44

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: 2.899 $\pm$ 0.856 χ^2 /NDF:383.7/22

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 3.321 $\pm$ 0.867 χ^2 /NDF:323.3/21

Left: 3.107 $\pm$ 0.609 χ^2 /NDF: 707.0/44

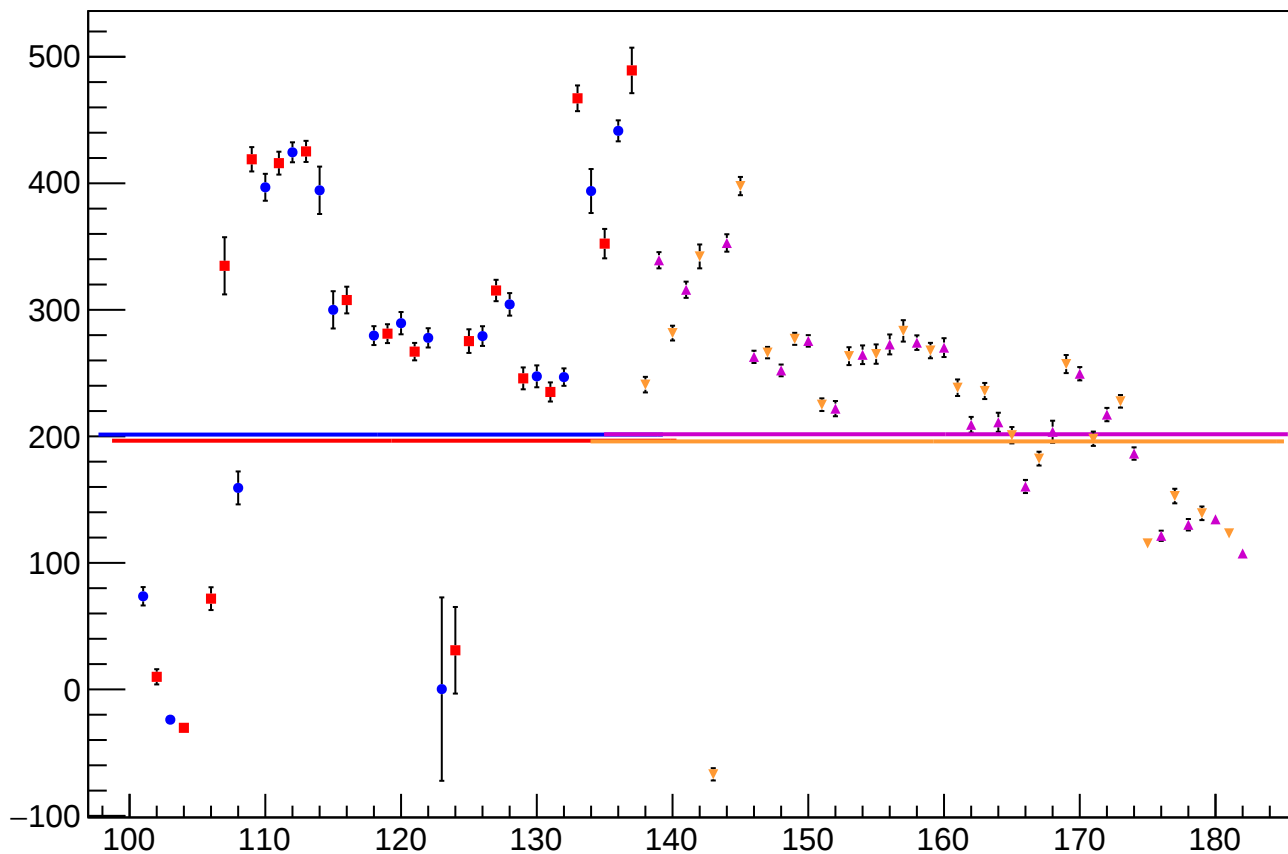
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 3.921 $\pm$ 0.679 χ^2 /NDF:636.1/38

Out: 3.893 $\pm$ 0.669 χ^2 /NDF:618.7/40

All: 3.907 $\pm$ 0.476 χ^2 /NDF: 1254.7/79

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 196.014 $\pm$ 1.140 χ^2 /NDF: 6548.3/22

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 201.666 $\pm$ 1.102 χ^2 /NDF: 4426.8/21

Left: 198.937 $\pm$ 0.792 χ^2 /NDF: 10987.8/44

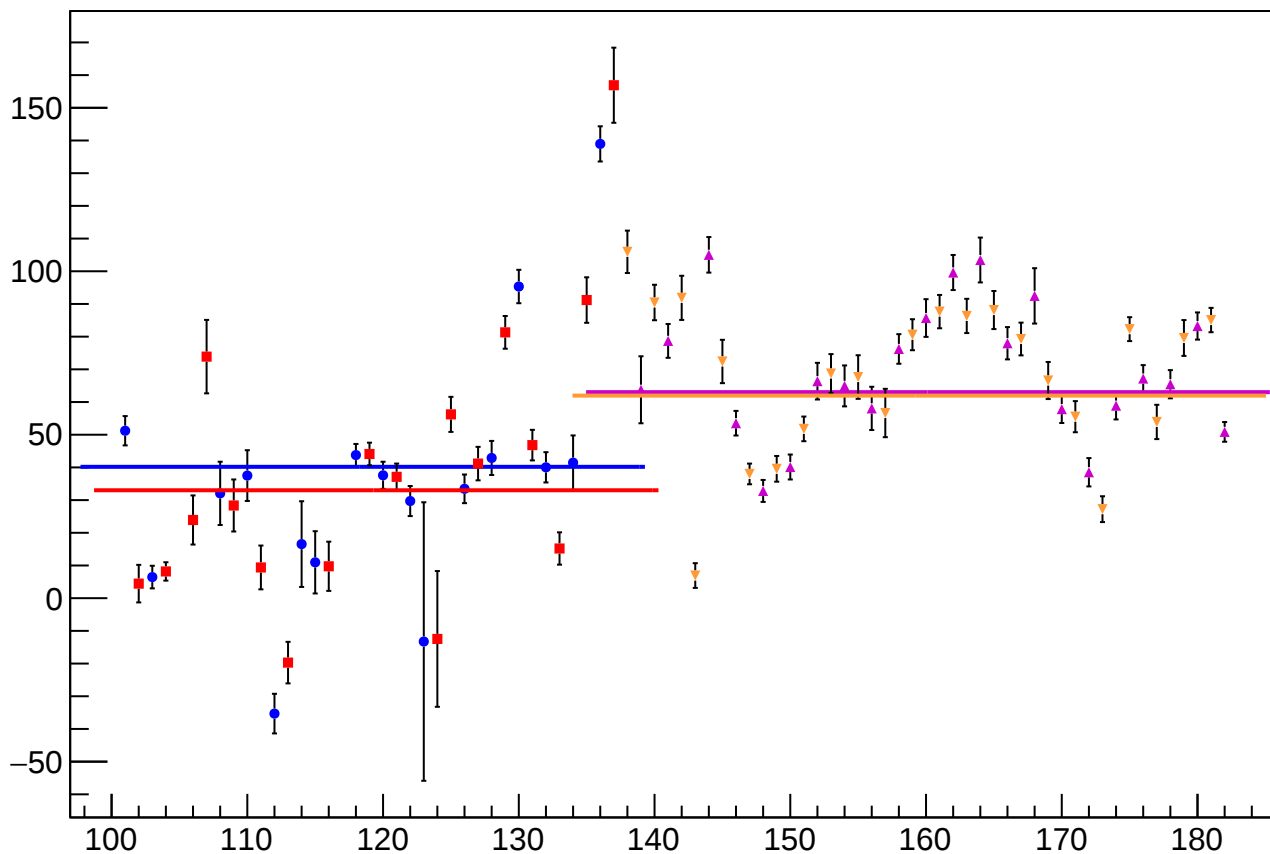
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 201.604 $\pm$ 0.962 χ^2 /NDF: 11167.2/38

Out: 196.156 $\pm$ 0.982 χ^2 /NDF: 14726.4/40

All: 198.936 $\pm$ 0.687 χ^2 /NDF: 25909.4/79

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2/NDF : 734.0/16

Left Out: 61.966 $\pm$ 0.990 χ^2/NDF : 664.0/22

Right Out: 33.009 $\pm$ 1.253 χ^2/NDF : 547.2/17

Left In: 63.021 $\pm$ 0.988 χ^2/NDF : 395.4/21

Left: 62.494 $\pm$ 0.699 χ^2/NDF : 1059.9/44

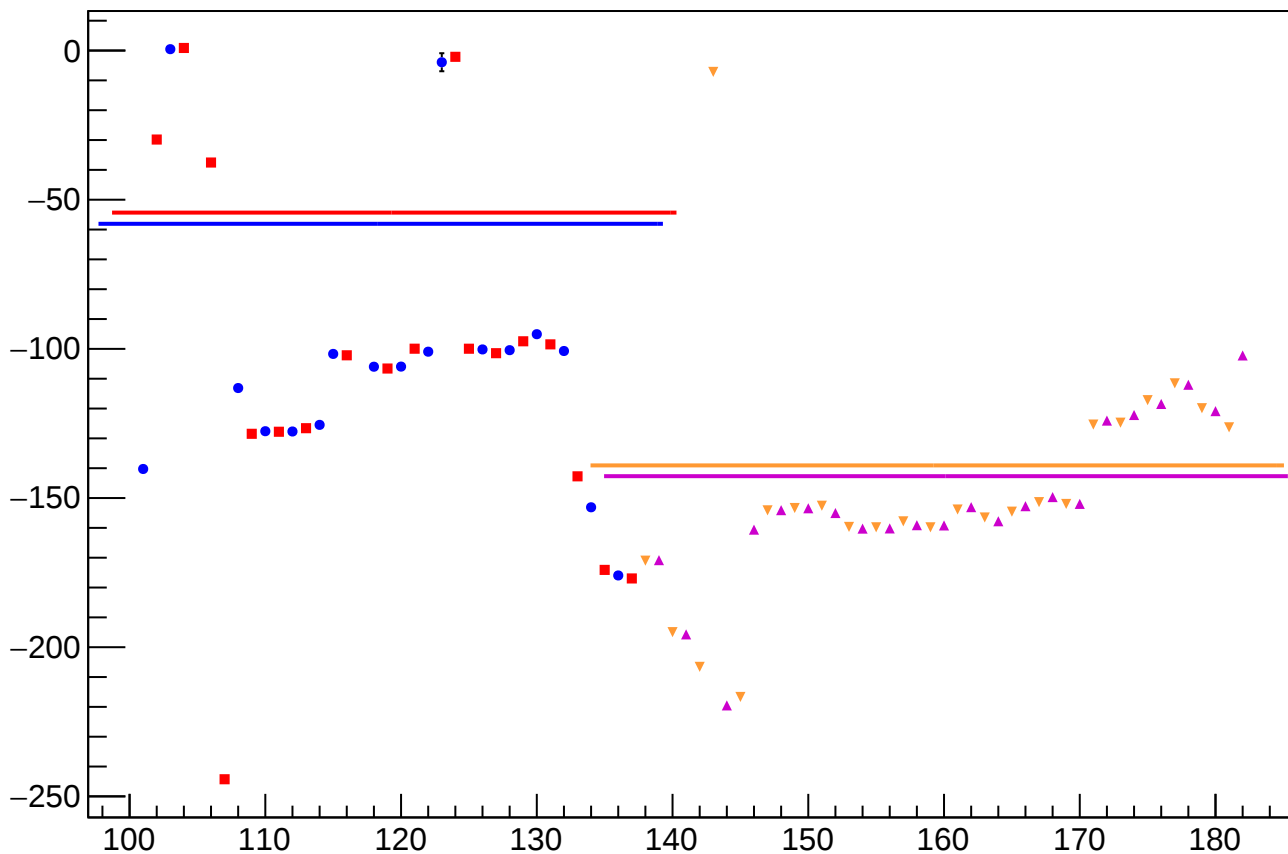
Right: 36.547 $\pm$ 0.892 χ^2/NDF : 1297.4/34

In: 54.409 $\pm$ 0.780 χ^2/NDF : 1330.9/38

Out: 50.838 $\pm$ 0.777 χ^2/NDF : 1540.1/40

All: 52.616 $\pm$ 0.550 χ^2/NDF : 2881.5/79

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -139.058 ± 0.047 $\chi^2/\text{NDF}: 736295.4/22$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -142.671 ± 0.046 $\chi^2/\text{NDF}: 325478.2/21$

Left: -140.919 ± 0.033 $\chi^2/\text{NDF}: 1064766.5/44$

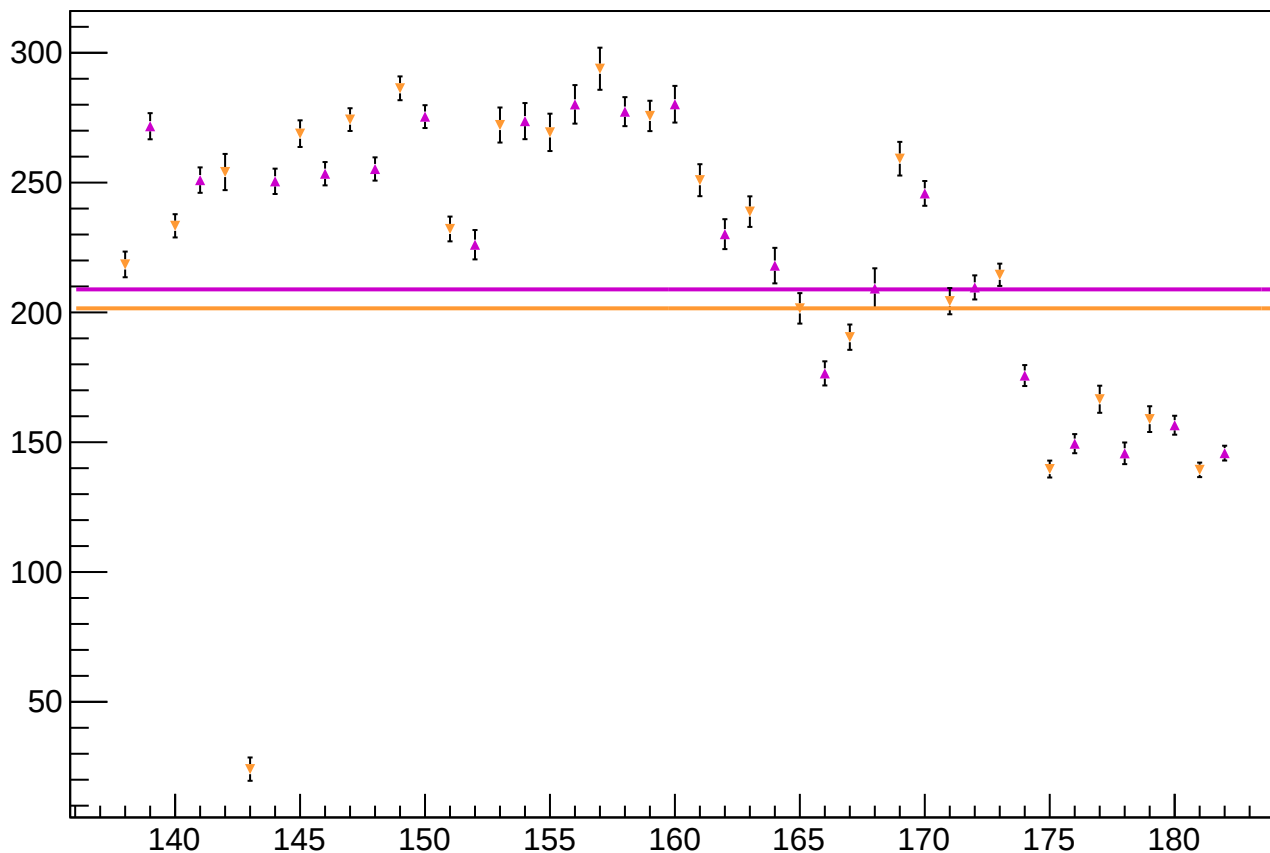
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -112.401 ± 0.037 $\chi^2/\text{NDF}: 2640198.7/38$

Out: -106.800 ± 0.037 $\chi^2/\text{NDF}: 2944673.6/40$

All: -109.633 ± 0.026 $\chi^2/\text{NDF}: 5596283.3/79$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.568+/-1.015 χ^2/NDF :4171.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Left: 205.256+/-0.714 χ^2/NDF : 6750.2/44

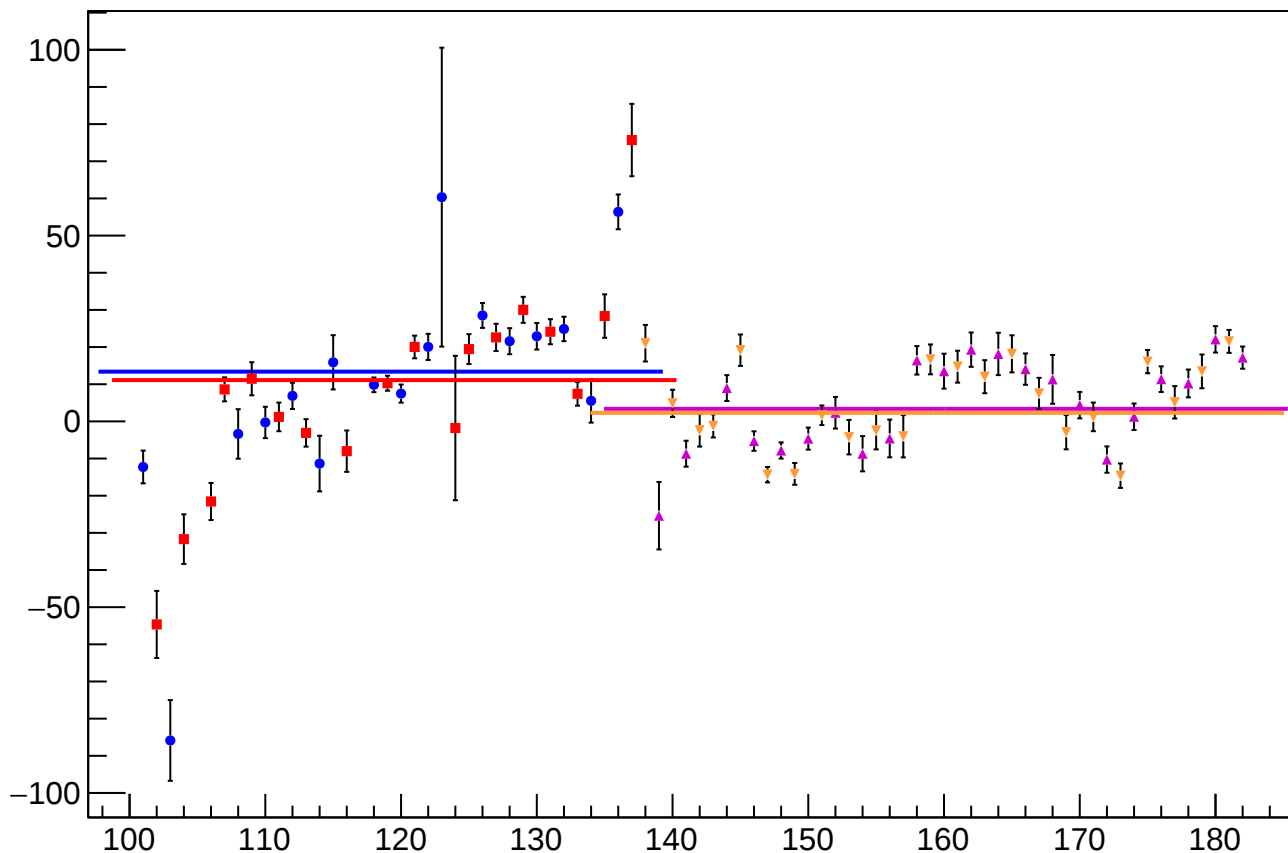
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Out: 201.568+/-1.015 χ^2/NDF :4171.6/22

All: 205.256+/-0.714 χ^2/NDF : 6750.2/44

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 2.289 $\pm$ 0.764 χ^2 /NDF: 263.0/22

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: 3.382 $\pm$ 0.781 χ^2 /NDF: 194.0/21

Left: 2.823 $\pm$ 0.546 χ^2 /NDF: 458.0/44

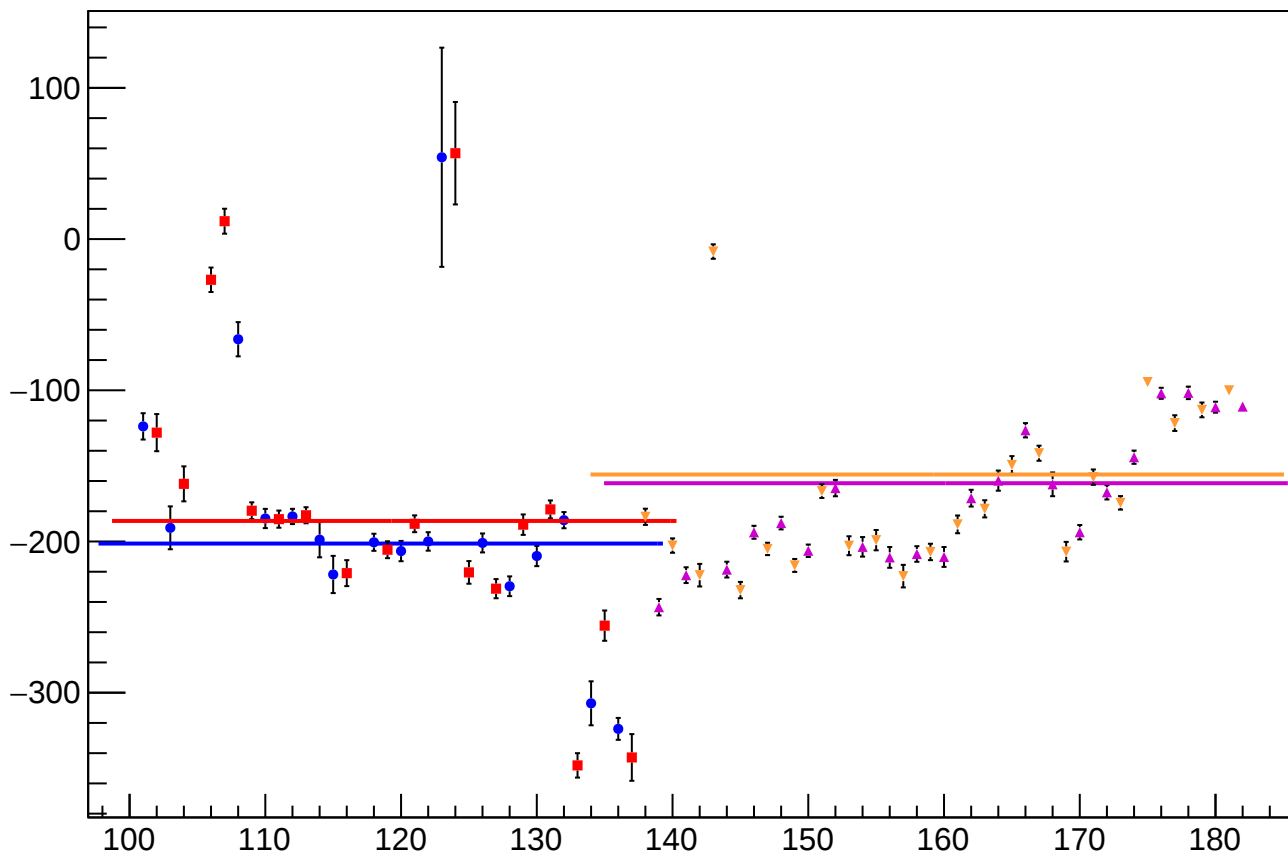
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 7.564 $\pm$ 0.596 χ^2 /NDF: 556.7/38

Out: 5.908 $\pm$ 0.587 χ^2 /NDF: 609.9/40

All: 6.724 $\pm$ 0.418 χ^2 /NDF: 1170.5/79

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -155.700 ± 1.015 χ^2/NDF : 2941.9/22

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -161.453 ± 1.002 χ^2/NDF : 2007.9/21

Left: -158.615 ± 0.713 χ^2/NDF : 4966.1/44

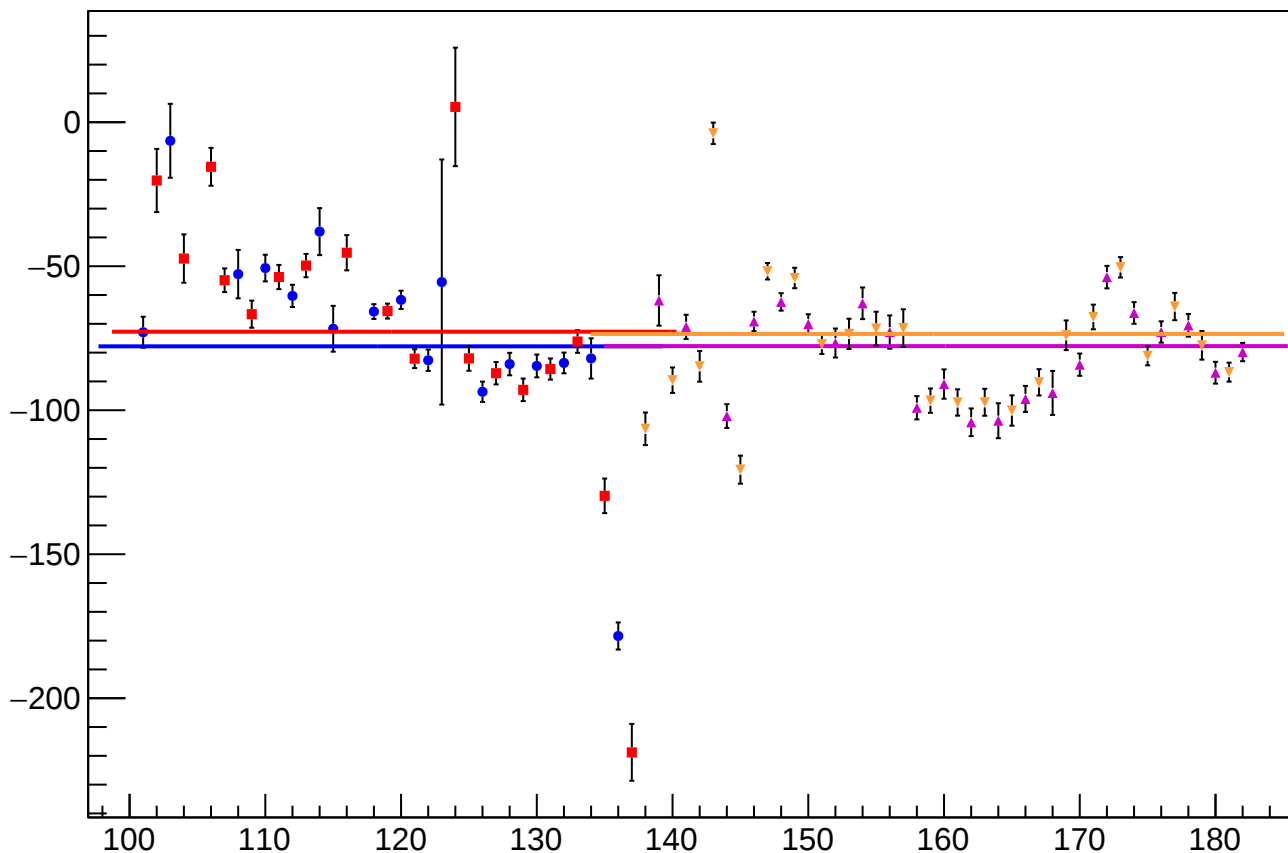
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -171.023 ± 0.873 χ^2/NDF : 3013.6/38

Out: -163.748 ± 0.872 χ^2/NDF : 4881.2/40

All: -167.380 ± 0.617 χ^2/NDF : 7929.6/79

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.517 ± 0.883 χ^2/NDF : 777.9/22

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.736 ± 0.892 χ^2/NDF : 251.0/21

Left: -75.606 ± 0.627 χ^2/NDF : 1040.2/44

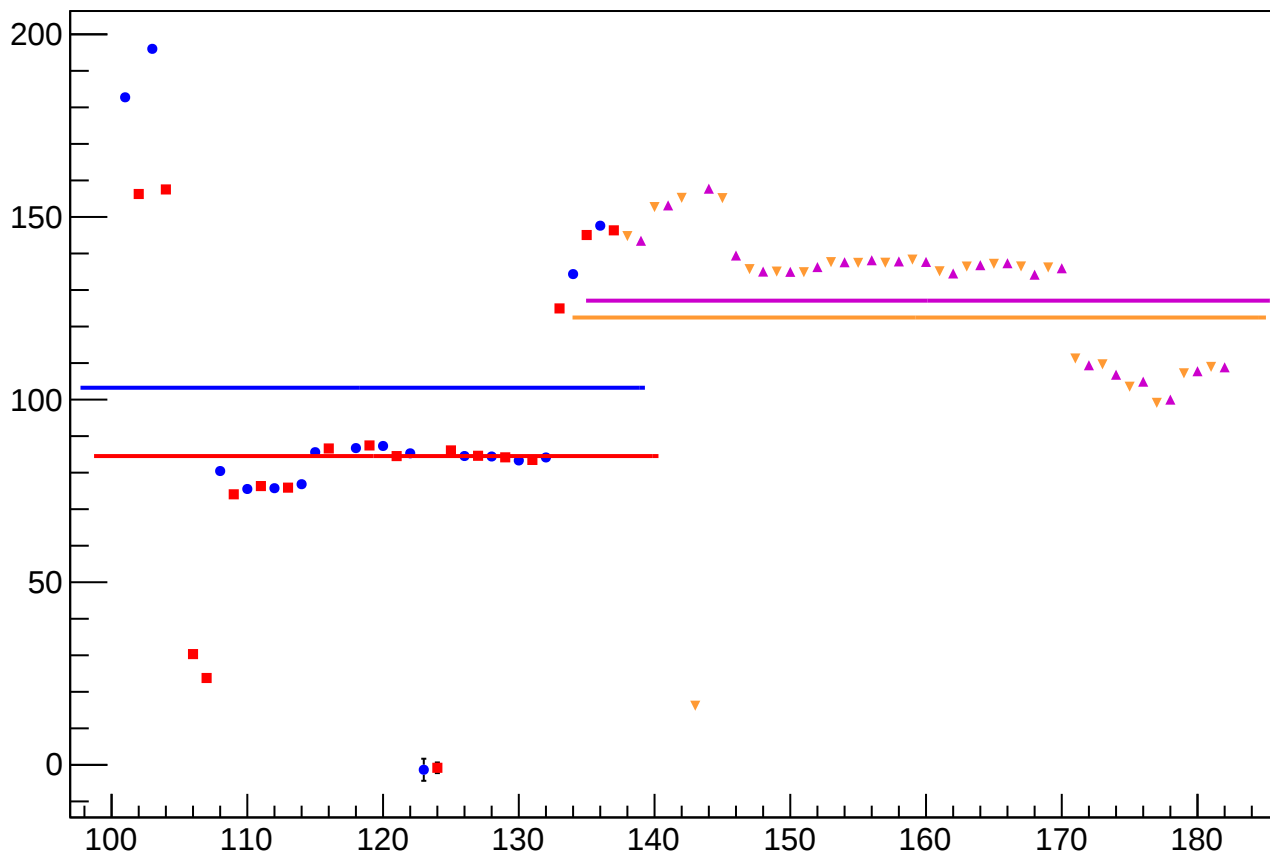
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.770 ± 0.684 χ^2/NDF : 907.3/38

Out: -73.194 ± 0.677 χ^2/NDF : 1377.2/40

All: -75.456 ± 0.481 χ^2/NDF : 2307.2/79

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 122.472 $\pm$ 0.042 χ^2 /NDF: 474118.2/22

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 127.087 $\pm$ 0.042 χ^2 /NDF: 160141.6/21

Left: 124.816 $\pm$ 0.030 χ^2 /NDF: 640343.9/44

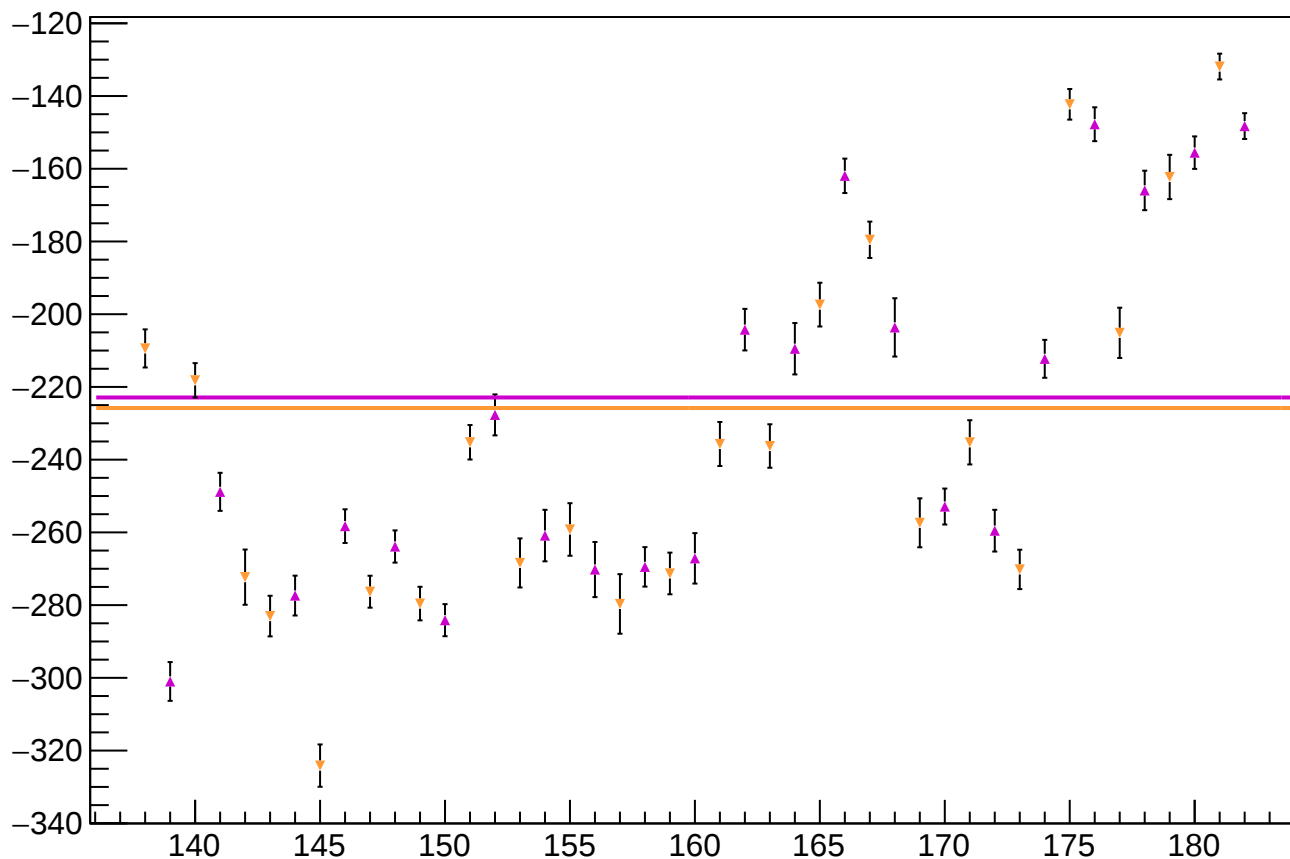
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 120.946 $\pm$ 0.036 χ^2 /NDF: 518526.5/38

Out: 110.970 $\pm$ 0.035 χ^2 /NDF: 1130905.5/40

All: 115.879 $\pm$ 0.025 χ^2 /NDF: 1688970.2/79

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -225.797+/-1.132 χ^2/NDF :2297.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -222.899+/-1.114 χ^2/NDF :2166.1/21

Left: -224.324+/-0.794 χ^2/NDF : 4466.5/44

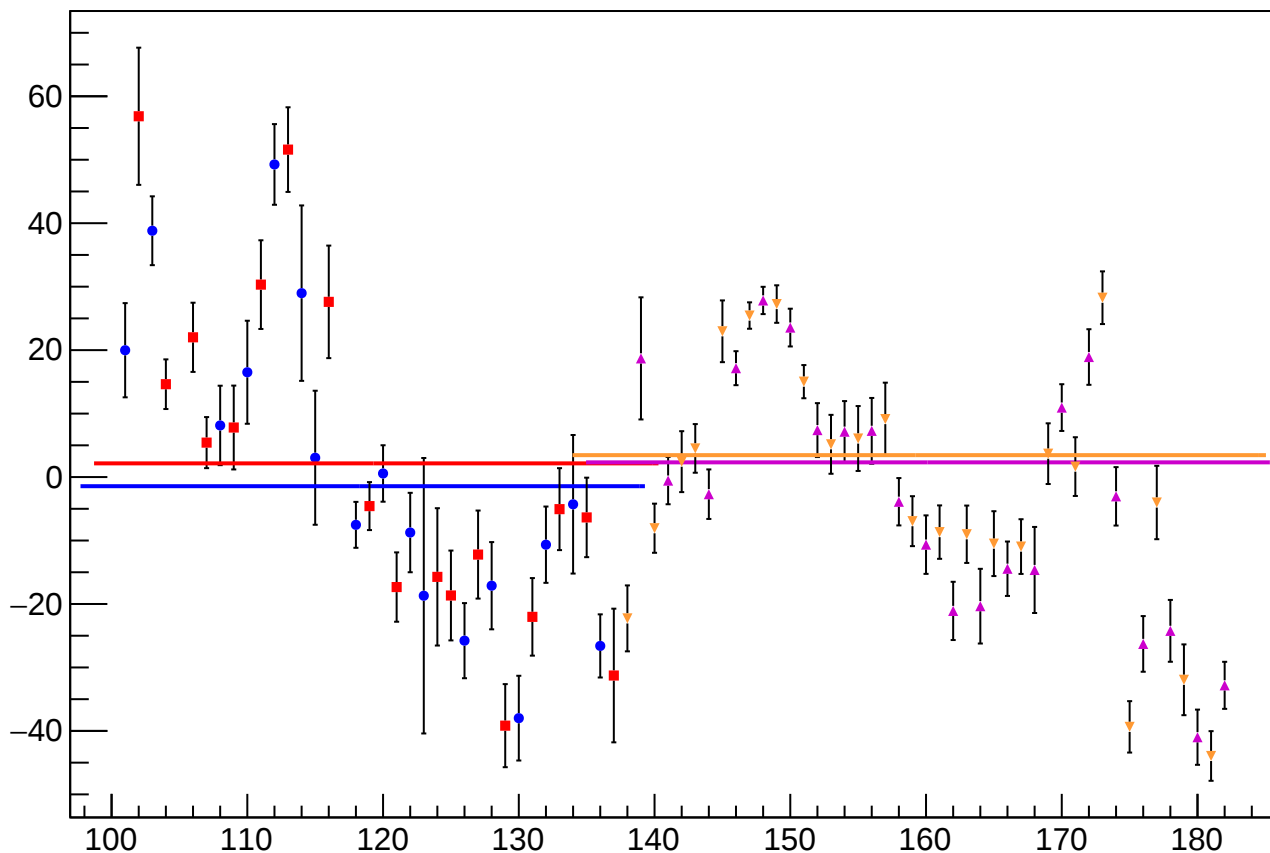
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -222.899+/-1.114 χ^2/NDF :2166.1/21

Out: -225.797+/-1.132 χ^2/NDF :2297.1/22

All: -224.324+/-0.794 χ^2/NDF : 4466.5/44

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 3.453 ± 0.827 χ^2/NDF : 625.0/22

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 2.317 ± 0.840 χ^2/NDF : 586.4/21

Left: 2.894 ± 0.589 χ^2/NDF : 1212.4/44

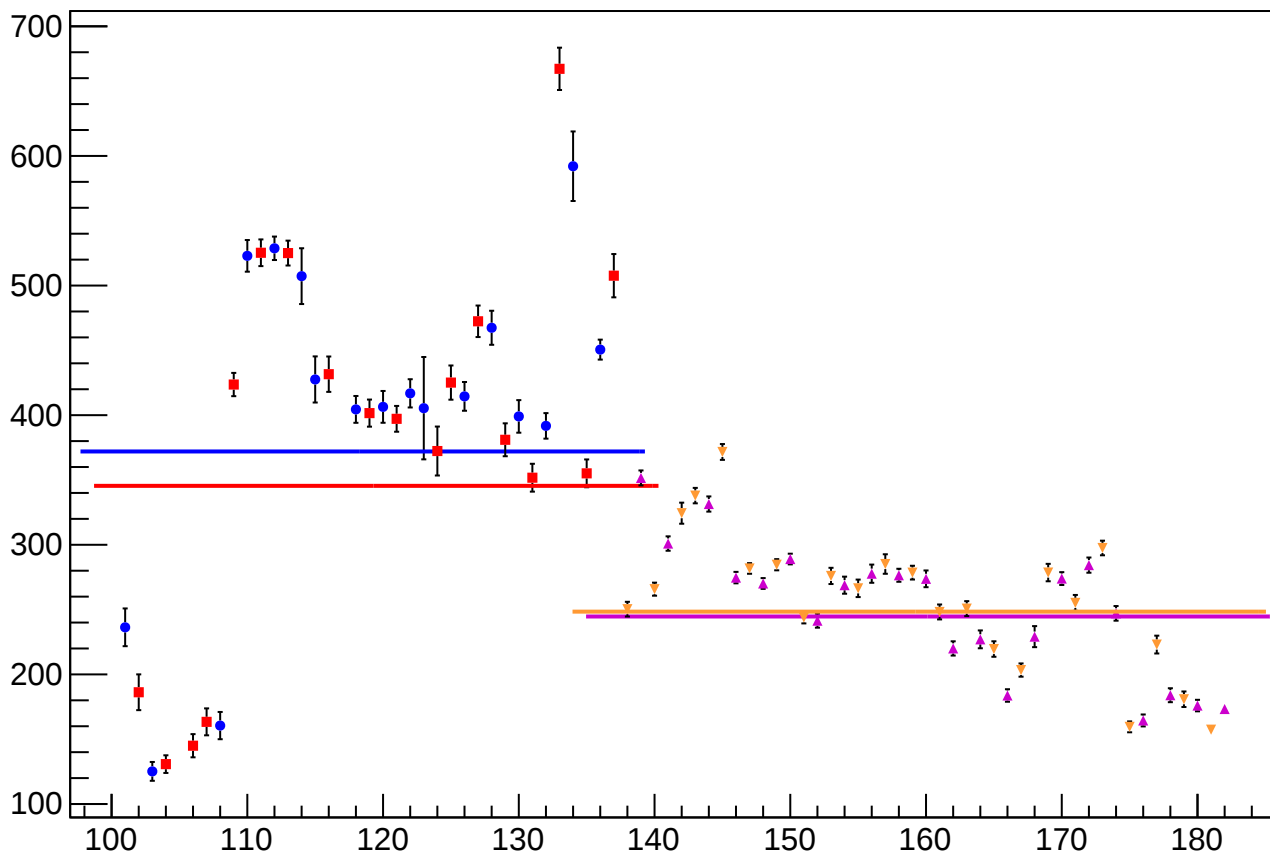
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 1.434 ± 0.735 χ^2/NDF : 815.6/38

Out: 3.118 ± 0.712 χ^2/NDF : 855.8/40

All: 2.303 ± 0.511 χ^2/NDF : 1674.1/79

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 248.425 $\pm$ 1.126 χ^2 /NDF:2348.3/22

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 244.675 $\pm$ 1.104 χ^2 /NDF:2276.8/21

Left: 246.513 $\pm$ 0.788 χ^2 /NDF: 4630.7/44

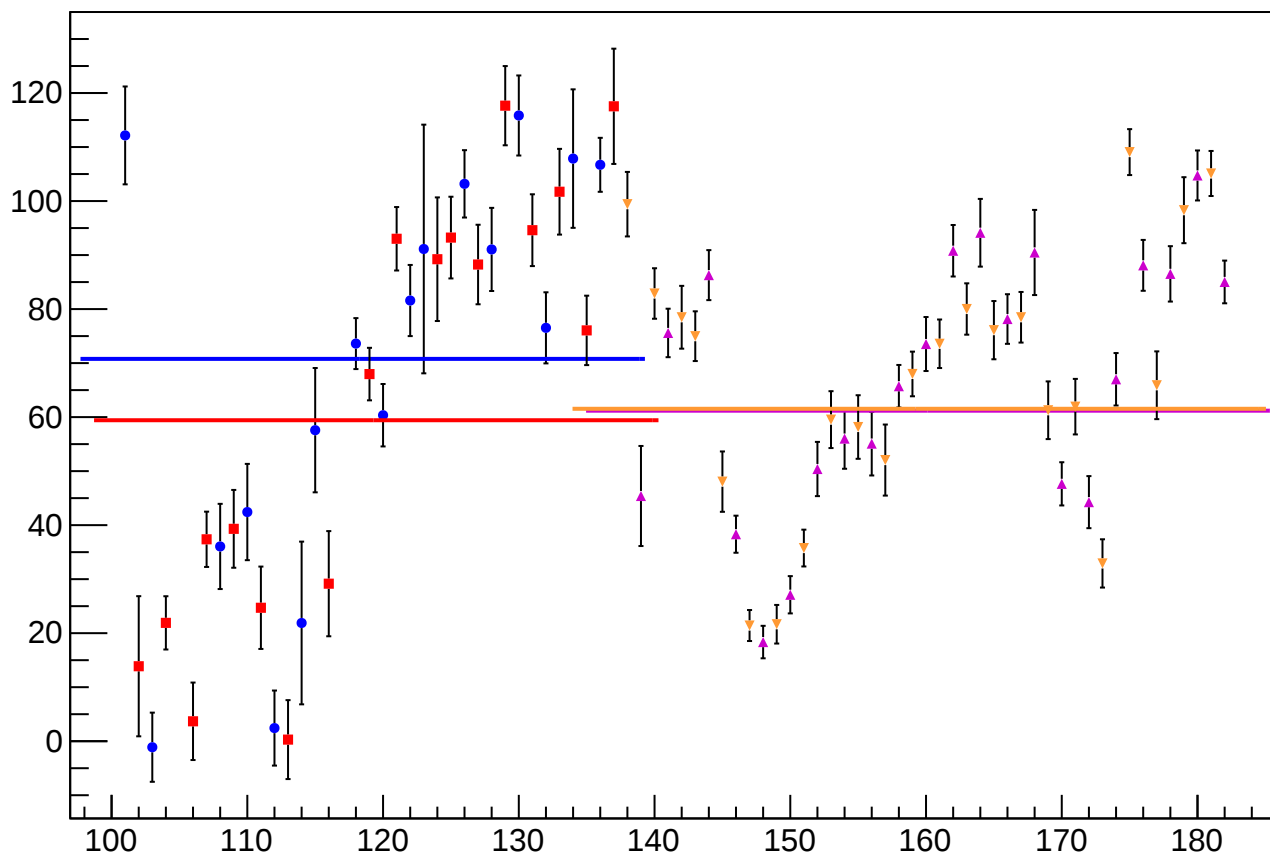
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 262.185 $\pm$ 1.025 χ^2 /NDF:6537.1/38

Out: 264.106 $\pm$ 1.031 χ^2 /NDF:6950.7/40

All: 263.140 $\pm$ 0.727 χ^2 /NDF: 13489.6/79

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 61.542 $\pm$ 0.964 χ^2 /NDF:820.7/22

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 61.190 $\pm$ 0.968 χ^2 /NDF:702.3/21

Left: 61.367 $\pm$ 0.683 χ^2 /NDF: 1523.0/44

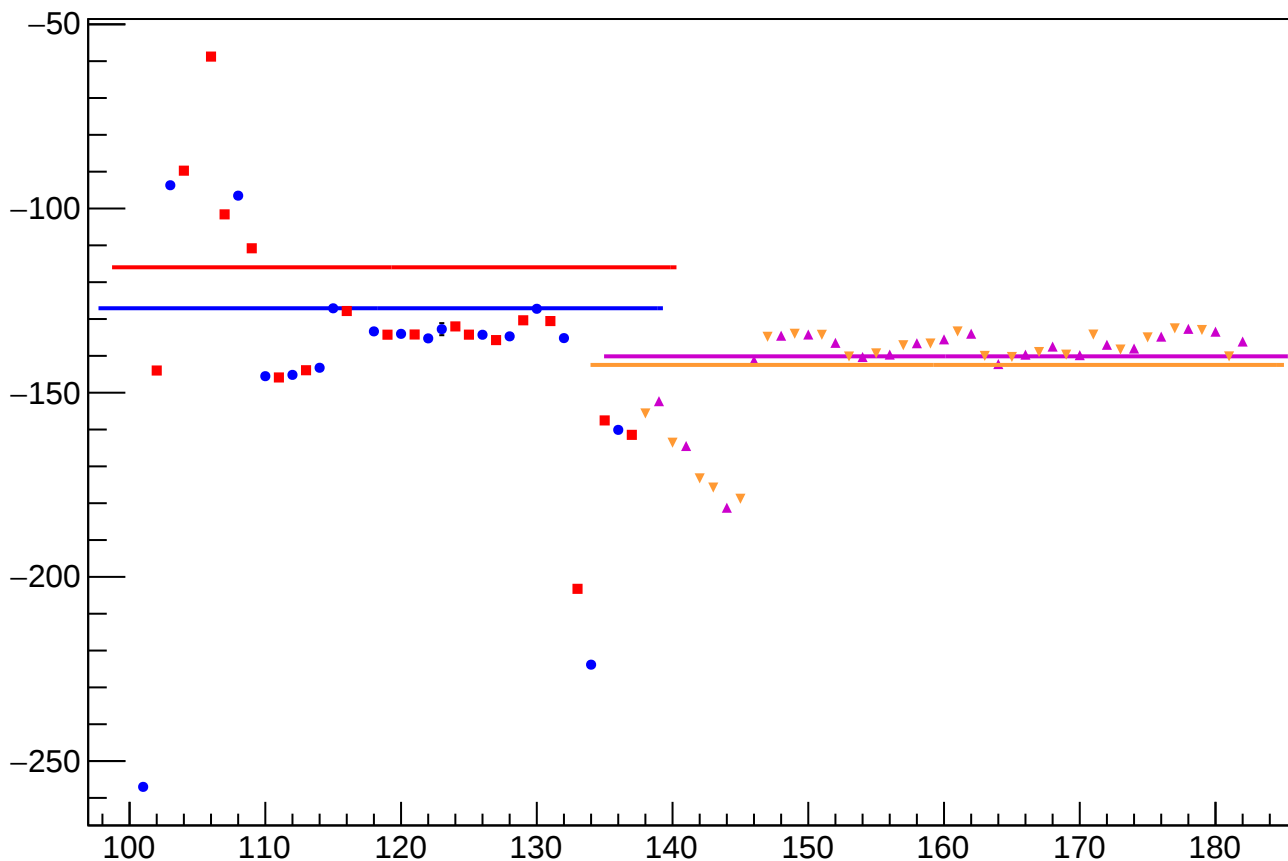
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 63.443 $\pm$ 0.847 χ^2 /NDF:1149.3/38

Out: 60.993 $\pm$ 0.830 χ^2 /NDF:1308.5/40

All: 62.194 $\pm$ 0.593 χ^2 /NDF: 2462.1/79

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -142.460 ± 0.046 $\chi^2/\text{NDF}: 78612.9/22$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -140.129 ± 0.045 $\chi^2/\text{NDF}: 48394.0/21$

Left: -141.269 ± 0.032 $\chi^2/\text{NDF}: 128299.7/44$

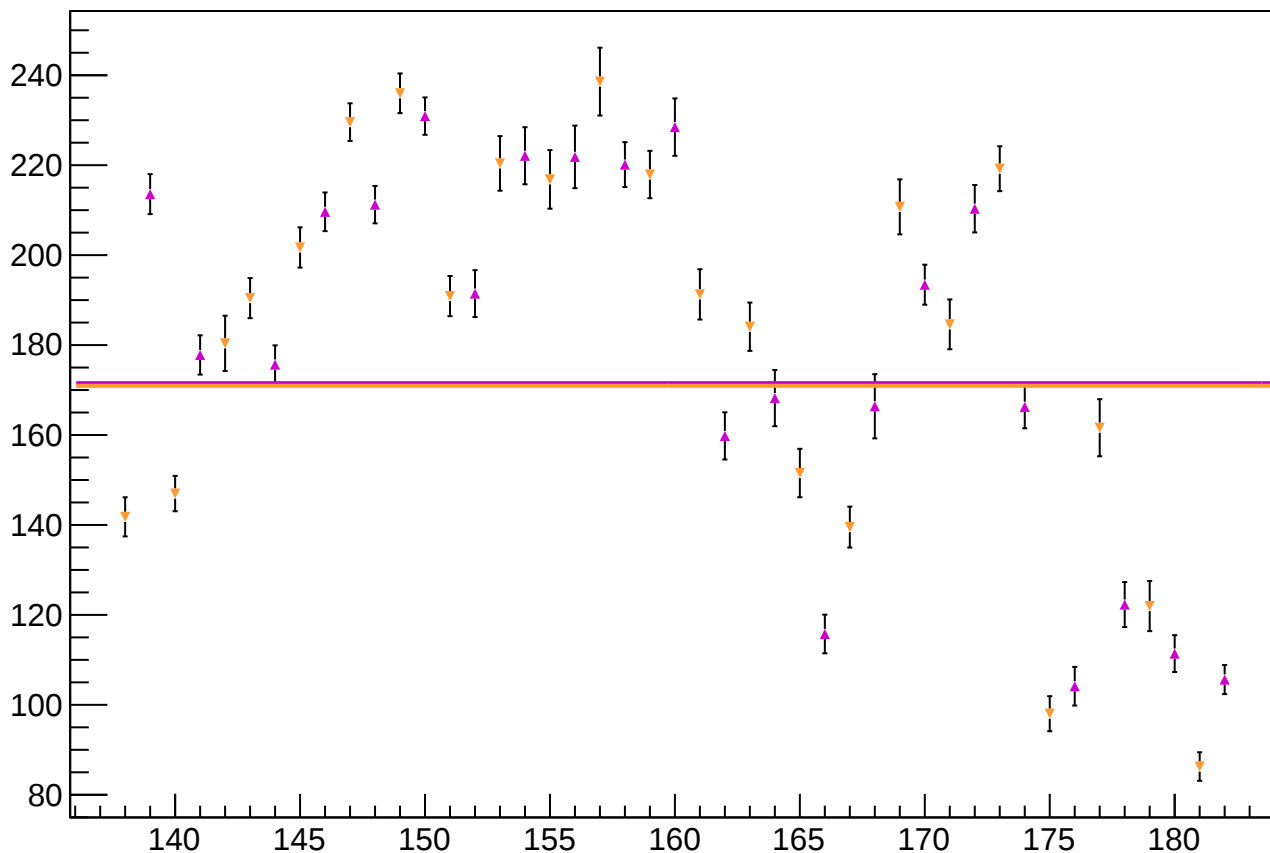
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -137.466 ± 0.040 $\chi^2/\text{NDF}: 232343.3/38$

Out: -136.161 ± 0.040 $\chi^2/\text{NDF}: 315280.6/40$

All: -136.814 ± 0.029 $\chi^2/\text{NDF}: 548143.8/79$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 170.938+/-1.011 χ^2/NDF :2224.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Left: 171.238+/-0.713 χ^2/NDF : 4221.3/44

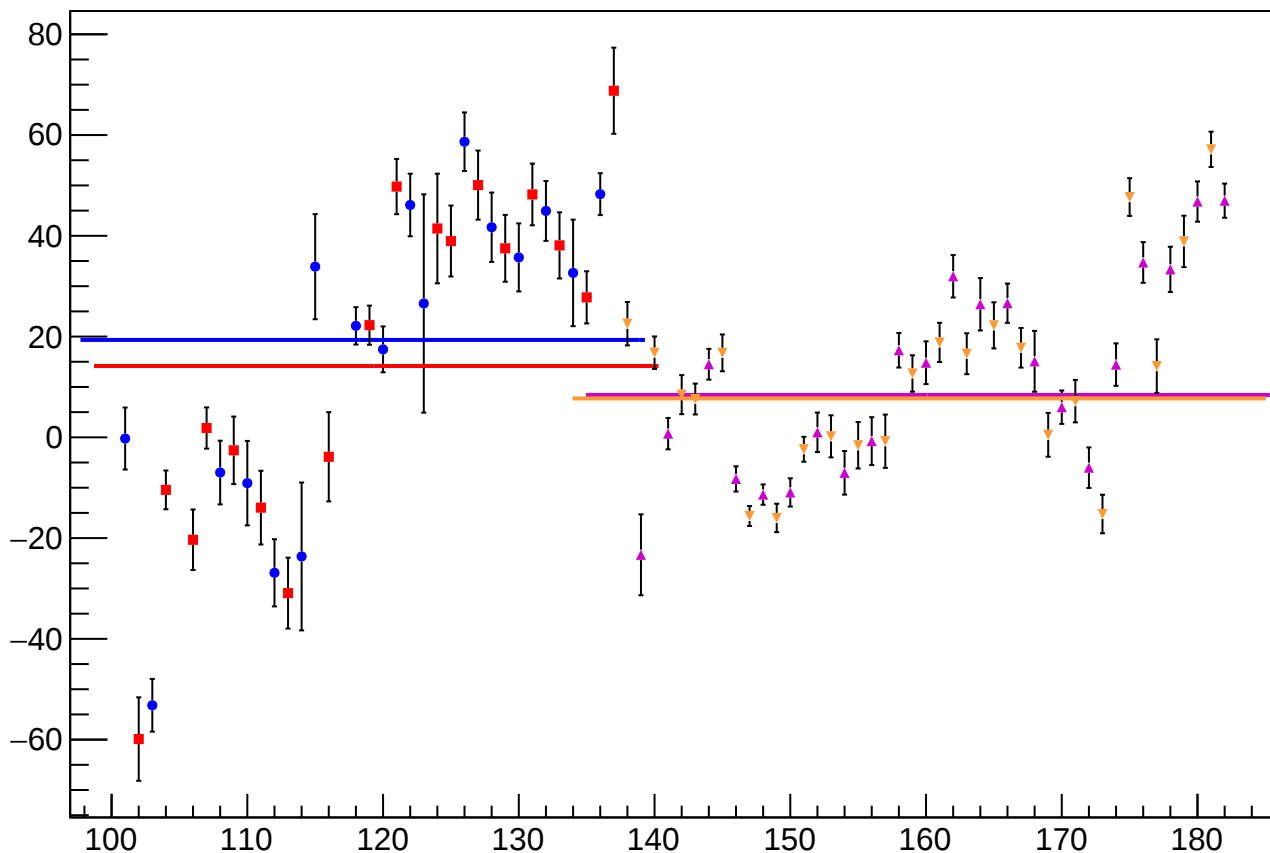
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Out: 170.938+/-1.011 χ^2/NDF :2224.0/22

All: 171.238+/-0.713 χ^2/NDF : 4221.3/44

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 7.723 ± 0.745 χ^2/NDF : 683.6/22

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: 8.411 ± 0.763 χ^2/NDF : 619.6/21

Left: 8.059 ± 0.533 χ^2/NDF : 1303.6/44

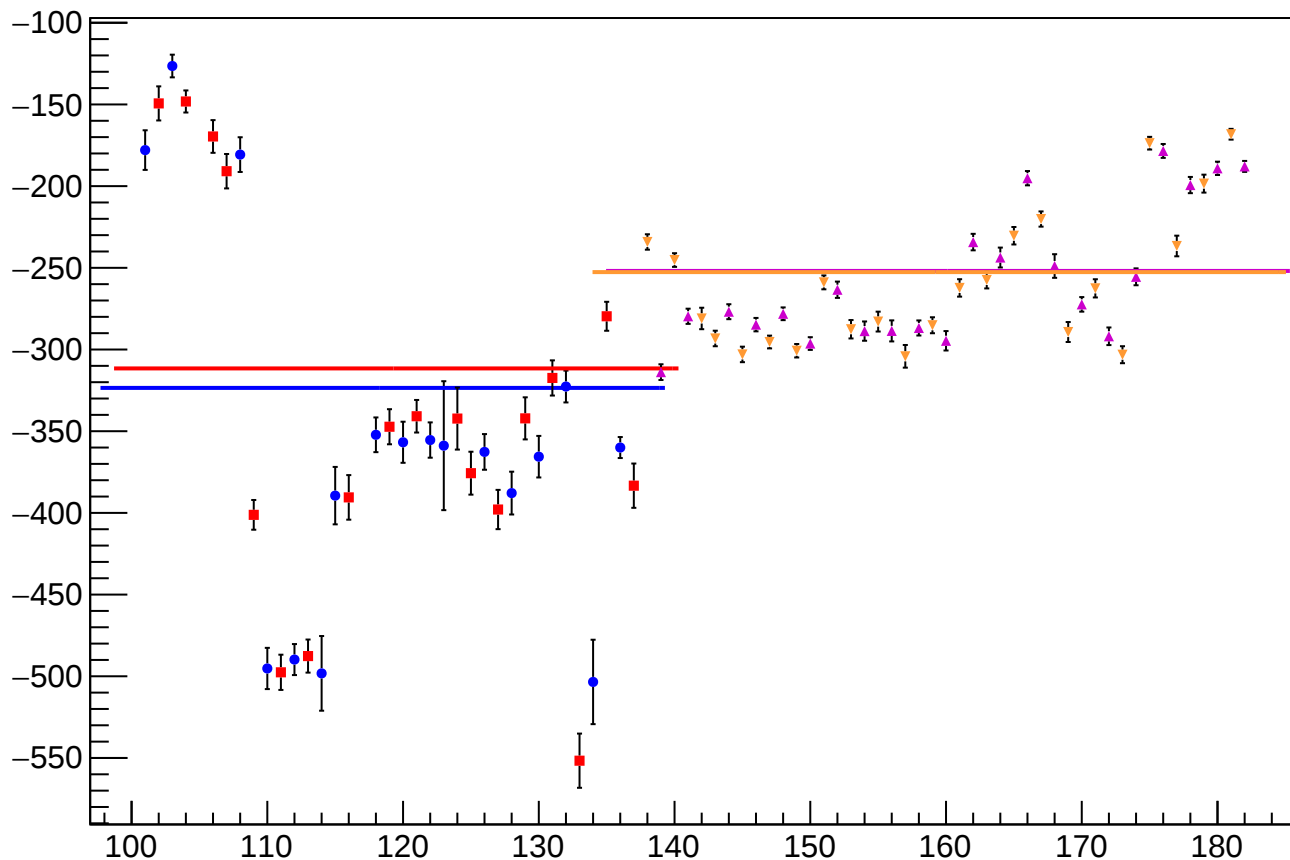
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 10.700 ± 0.678 χ^2/NDF : 1102.4/38

Out: 9.159 ± 0.657 χ^2/NDF : 1126.3/40

All: 9.905 ± 0.472 χ^2/NDF : 2231.3/79

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -252.616 ± 1.010 χ^2/NDF : 2018.5/22

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -251.901 ± 0.999 χ^2/NDF : 1926.2/21

Left: -252.255 ± 0.710 χ^2/NDF : 3945.0/44

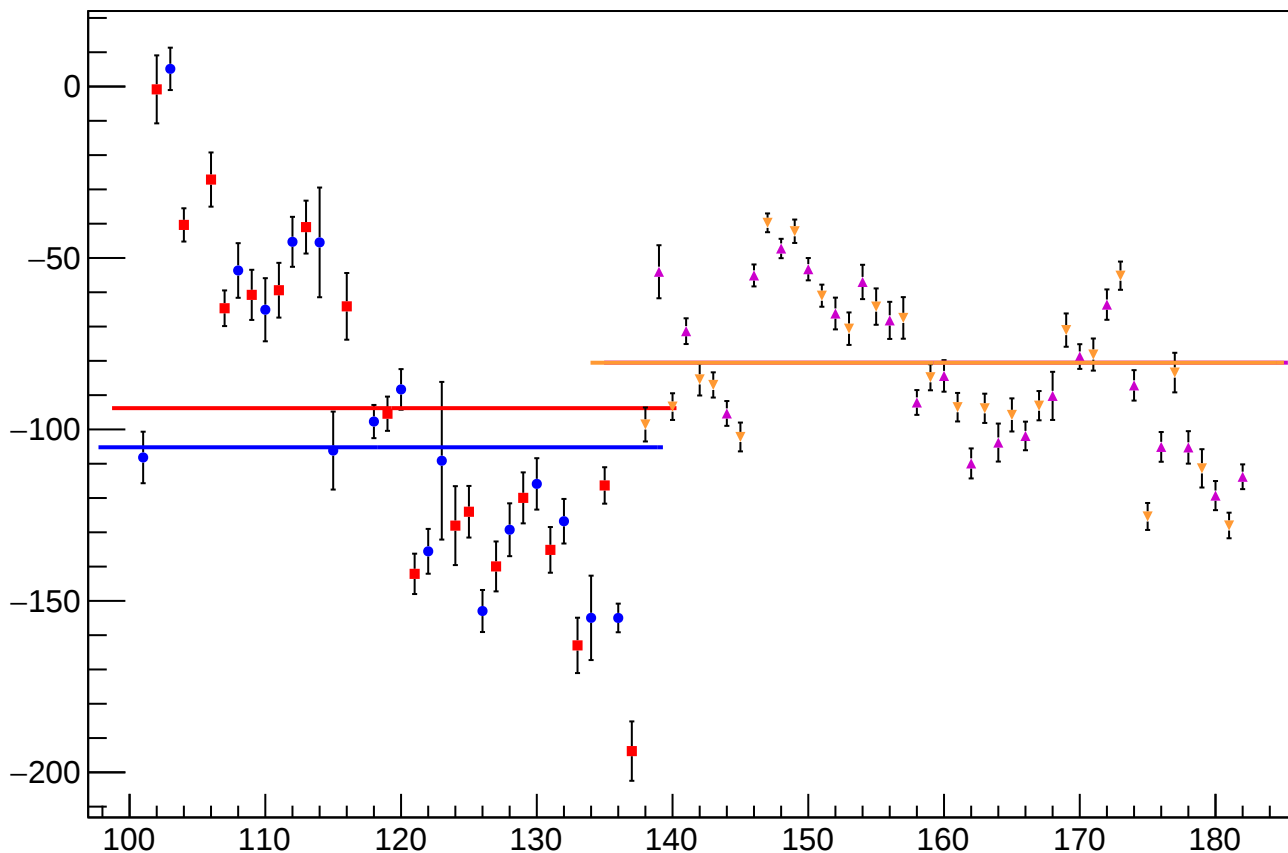
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -260.683 ± 0.936 χ^2/NDF : 4403.2/38

Out: -260.738 ± 0.938 χ^2/NDF : 4731.6/40

All: -260.711 ± 0.663 χ^2/NDF : 9134.9/79

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -80.545 ± 0.867 χ^2/NDF : 862.1/22

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -80.527 ± 0.878 χ^2/NDF : 690.2/21

Left: -80.536 ± 0.617 χ^2/NDF : 1552.3/44

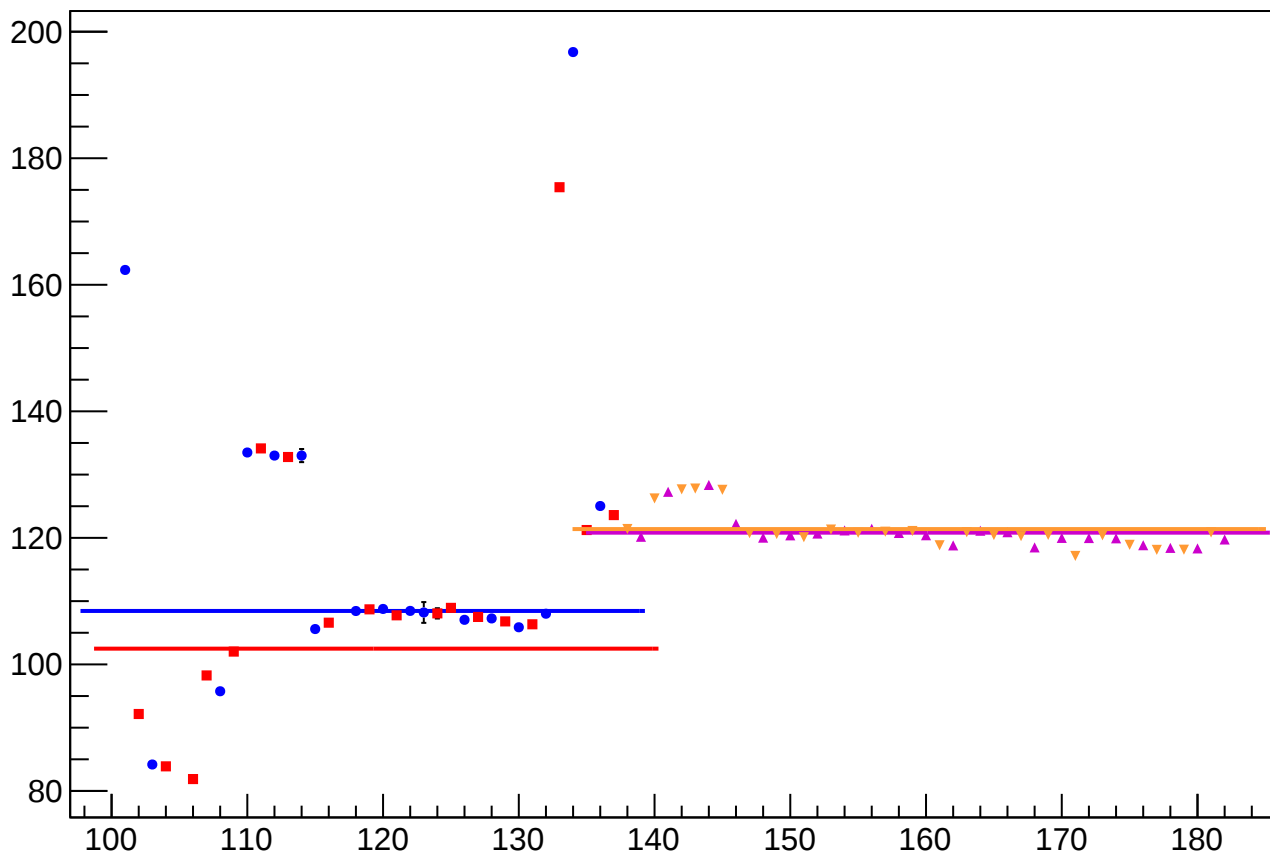
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -85.740 ± 0.780 χ^2/NDF : 1592.6/38

Out: -83.519 ± 0.763 χ^2/NDF : 1730.0/40

All: -84.606 ± 0.546 χ^2/NDF : 3326.8/79

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.389 $\pm$ 0.042 χ^2 /NDF: 4834.7/22

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 120.822 $\pm$ 0.041 χ^2 /NDF: 3368.0/21

Left: 121.102 $\pm$ 0.029 χ^2 /NDF: 8297.4/44

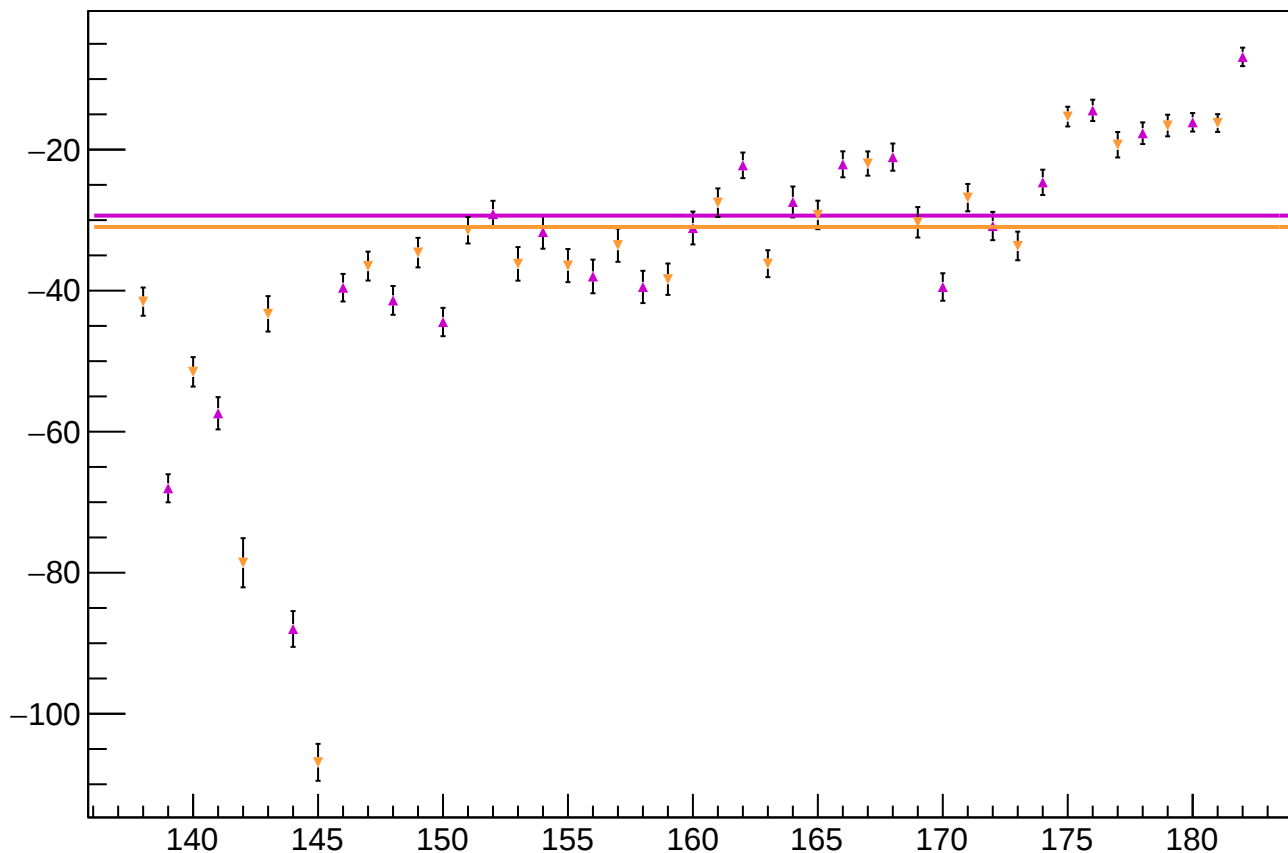
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.480 $\pm$ 0.037 χ^2 /NDF: 93898.1/38

Out: 117.347 $\pm$ 0.037 χ^2 /NDF: 102056.4/40

All: 117.912 $\pm$ 0.026 χ^2 /NDF: 196427.6/79

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.974+/-0.407 χ^2/NDF :1645.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.363+/-0.399 χ^2/NDF :1852.0/21

Left: -30.153+/-0.285 χ^2/NDF : 3505.2/44

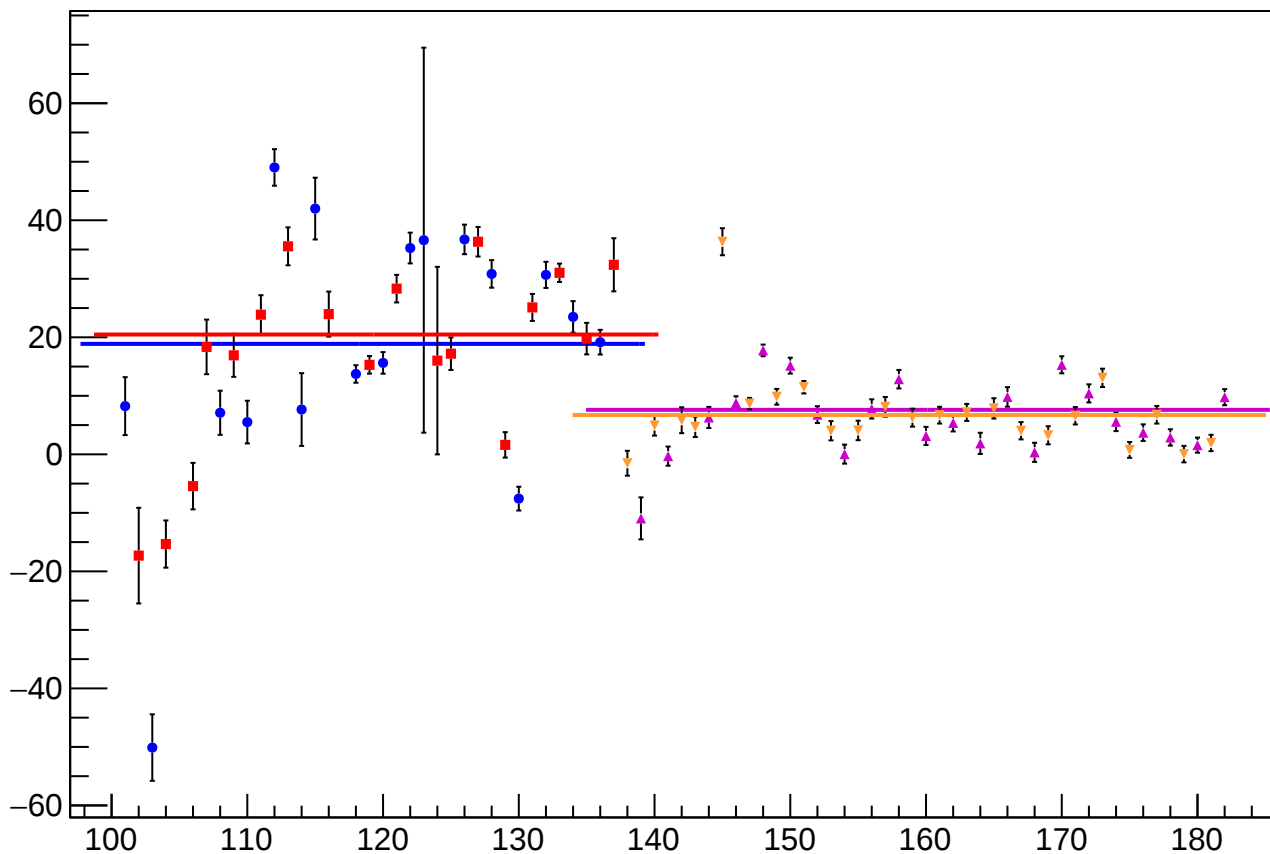
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.363+/-0.399 χ^2/NDF :1852.0/21

Out: -30.974+/-0.407 χ^2/NDF :1645.2/22

All: -30.153+/-0.285 χ^2/NDF : 3505.2/44

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: 6.716 ± 0.311 χ^2/NDF : 296.0/22

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 7.603 ± 0.315 χ^2/NDF : 338.6/21

Left: 7.154 ± 0.222 χ^2/NDF : 638.7/44

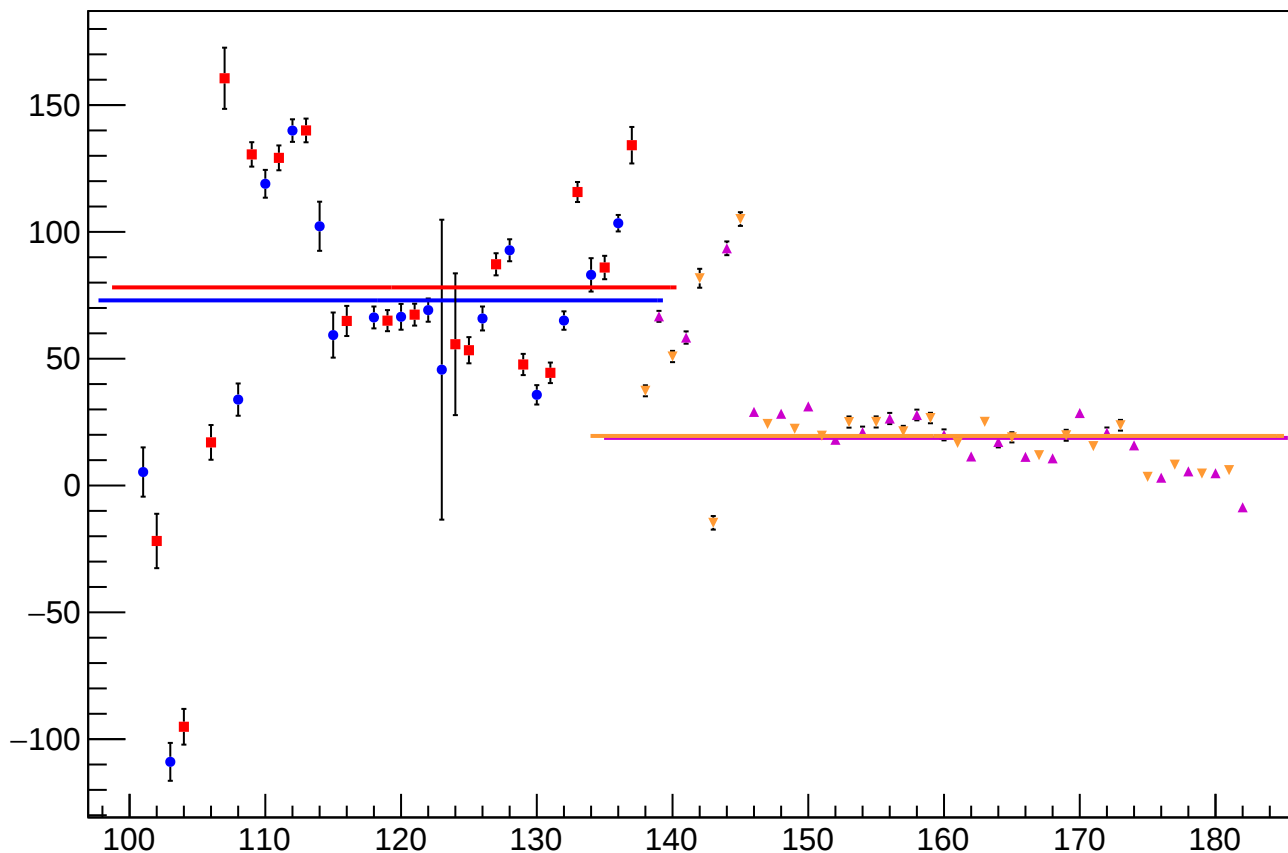
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 9.780 ± 0.283 χ^2/NDF : 1206.0/38

Out: 9.326 ± 0.280 χ^2/NDF : 1028.8/40

All: 9.551 ± 0.199 χ^2/NDF : 2236.1/79

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 19.548 ± 0.404 χ^2/NDF : 2153.7/22

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 18.772 ± 0.396 χ^2/NDF : 2433.8/21

Left: 19.152 ± 0.283 χ^2/NDF : 4589.4/44

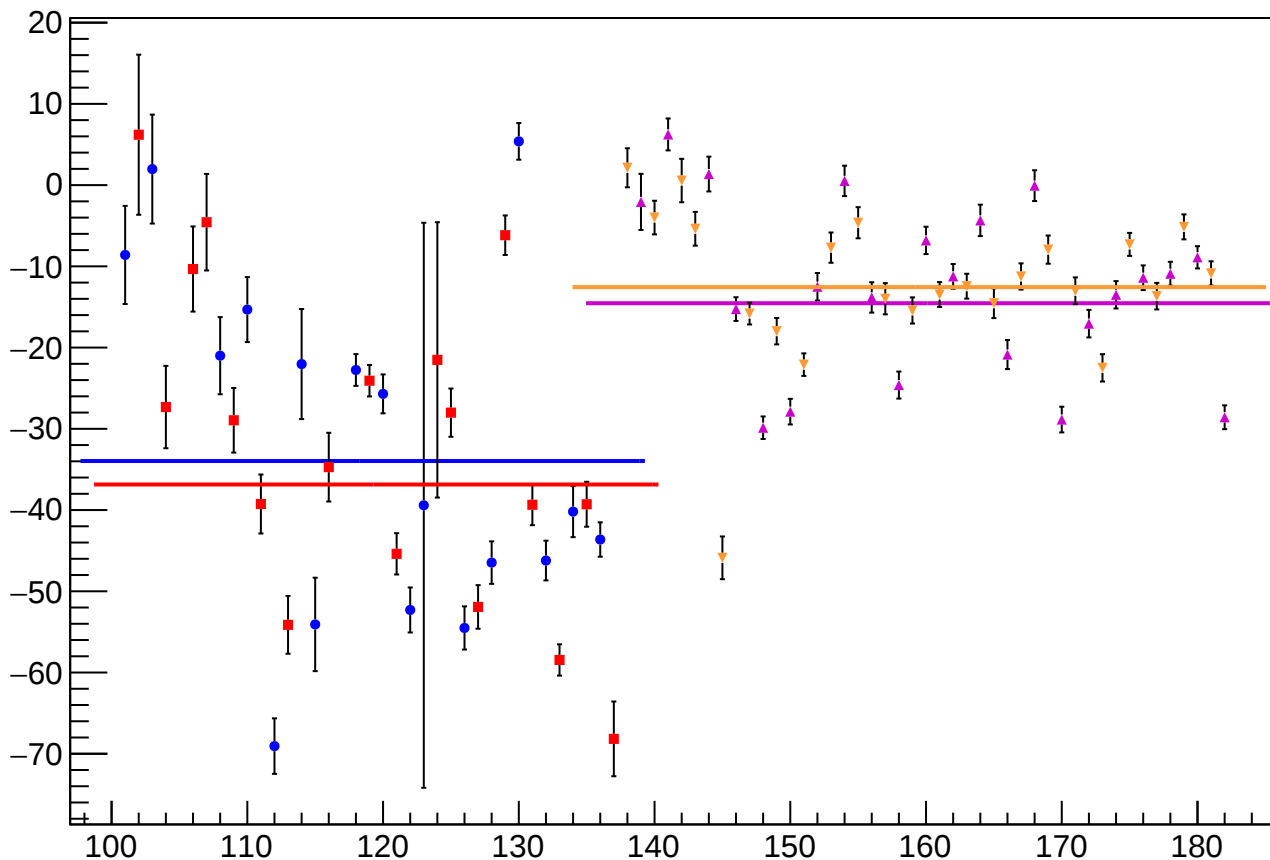
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 23.862 ± 0.377 χ^2/NDF : 5400.0/38

Out: 25.293 ± 0.383 χ^2/NDF : 5766.2/40

All: 24.565 ± 0.269 χ^2/NDF : 11173.3/79

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -12.555 ± 0.355 χ^2/NDF : 426.1/22

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.538 ± 0.356 χ^2/NDF : 804.8/21

Left: -13.543 ± 0.252 χ^2/NDF : 1246.4/44

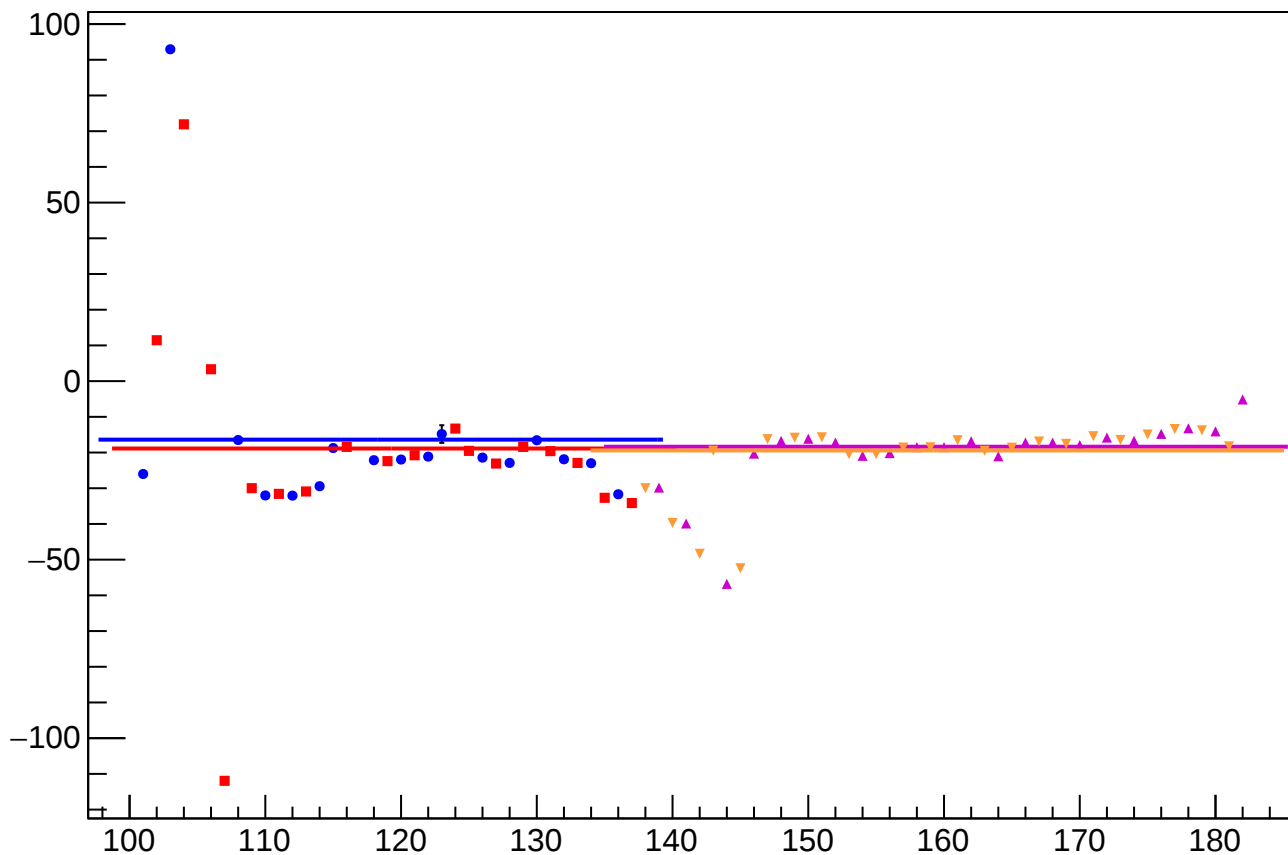
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.215 ± 0.321 χ^2/NDF : 2089.1/38

Out: -17.134 ± 0.320 χ^2/NDF : 1843.9/40

All: -17.673 ± 0.227 χ^2/NDF : 3938.7/79

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -19.410 ± 0.016 $\chi^2/\text{NDF}: 224705.0/22$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -18.373 ± 0.016 $\chi^2/\text{NDF}: 234871.4/21$

Left: -18.883 ± 0.012 $\chi^2/\text{NDF}: 461596.6/44$

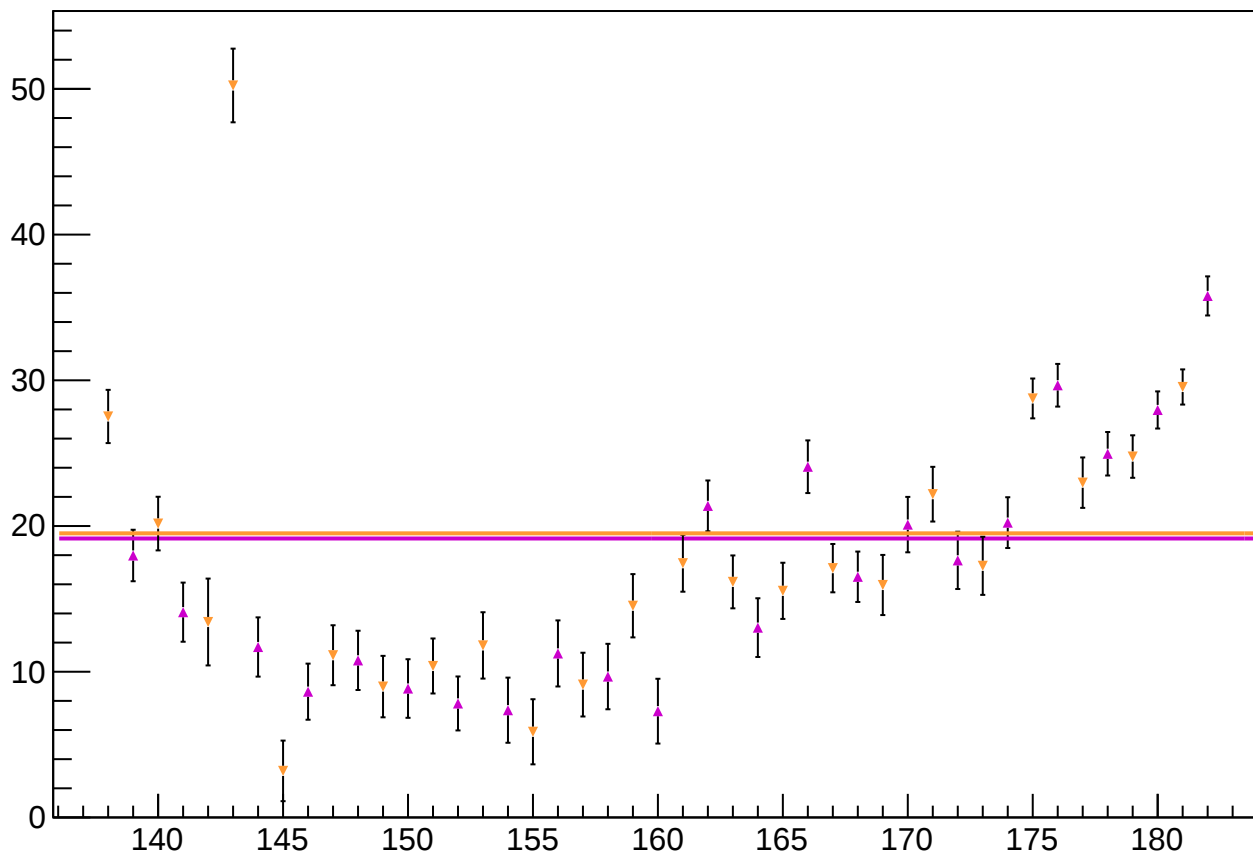
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -18.140 ± 0.015 $\chi^2/\text{NDF}: 710931.3/38$

Out: -19.348 ± 0.015 $\chi^2/\text{NDF}: 658201.5/40$

All: -18.734 ± 0.011 $\chi^2/\text{NDF}: 1372231.2/79$

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: 19.498+/-0.388 χ^2/NDF :523.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 19.144+/-0.383 χ^2/NDF :506.8/21

Left: 19.318+/-0.273 χ^2/NDF : 1030.4/44

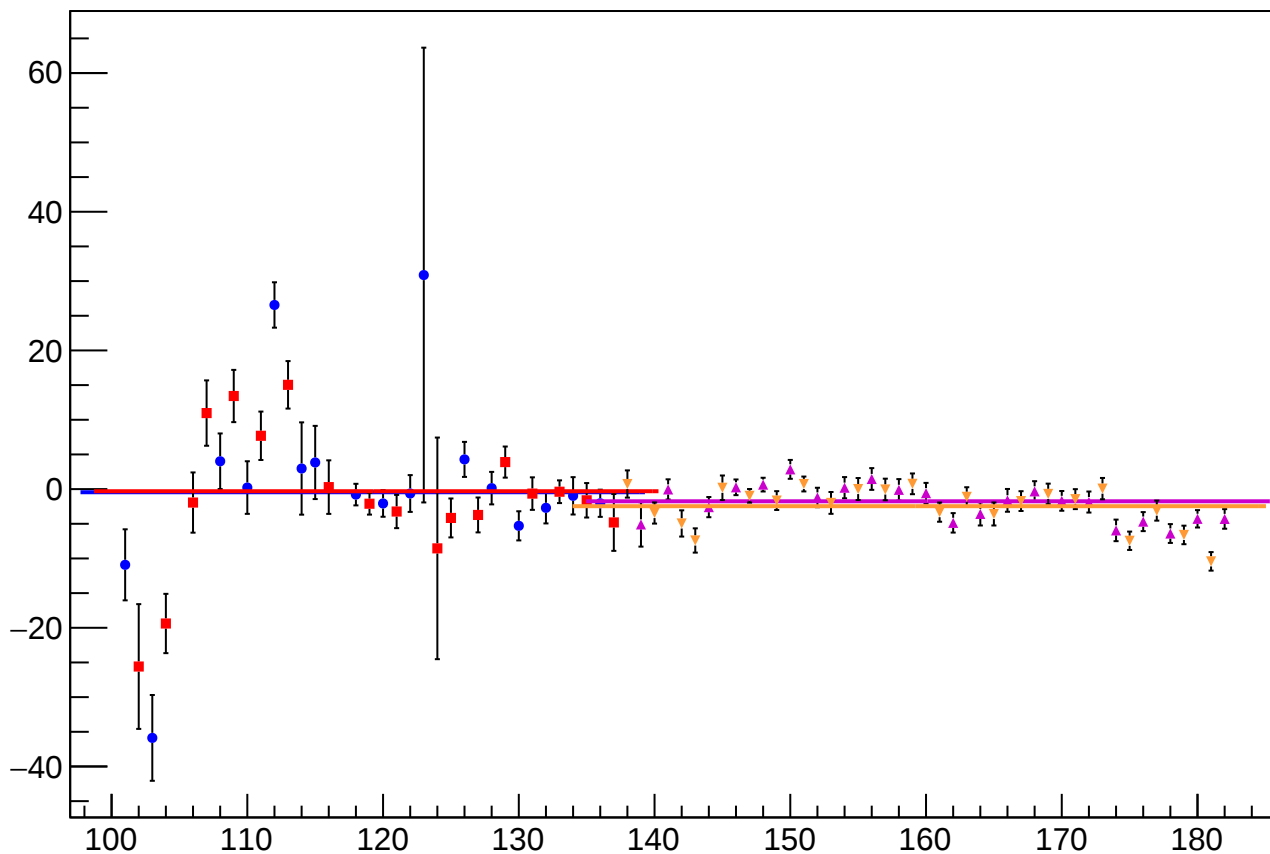
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.144+/-0.383 χ^2/NDF :506.8/21

Out: 19.498+/-0.388 χ^2/NDF :523.1/22

All: 19.318+/-0.273 χ^2/NDF : 1030.4/44

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.463 ± 0.299 χ^2/NDF : 102.3/22

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.754 ± 0.304 χ^2/NDF : 69.0/21

Left: -2.114 ± 0.213 χ^2/NDF : 174.1/44

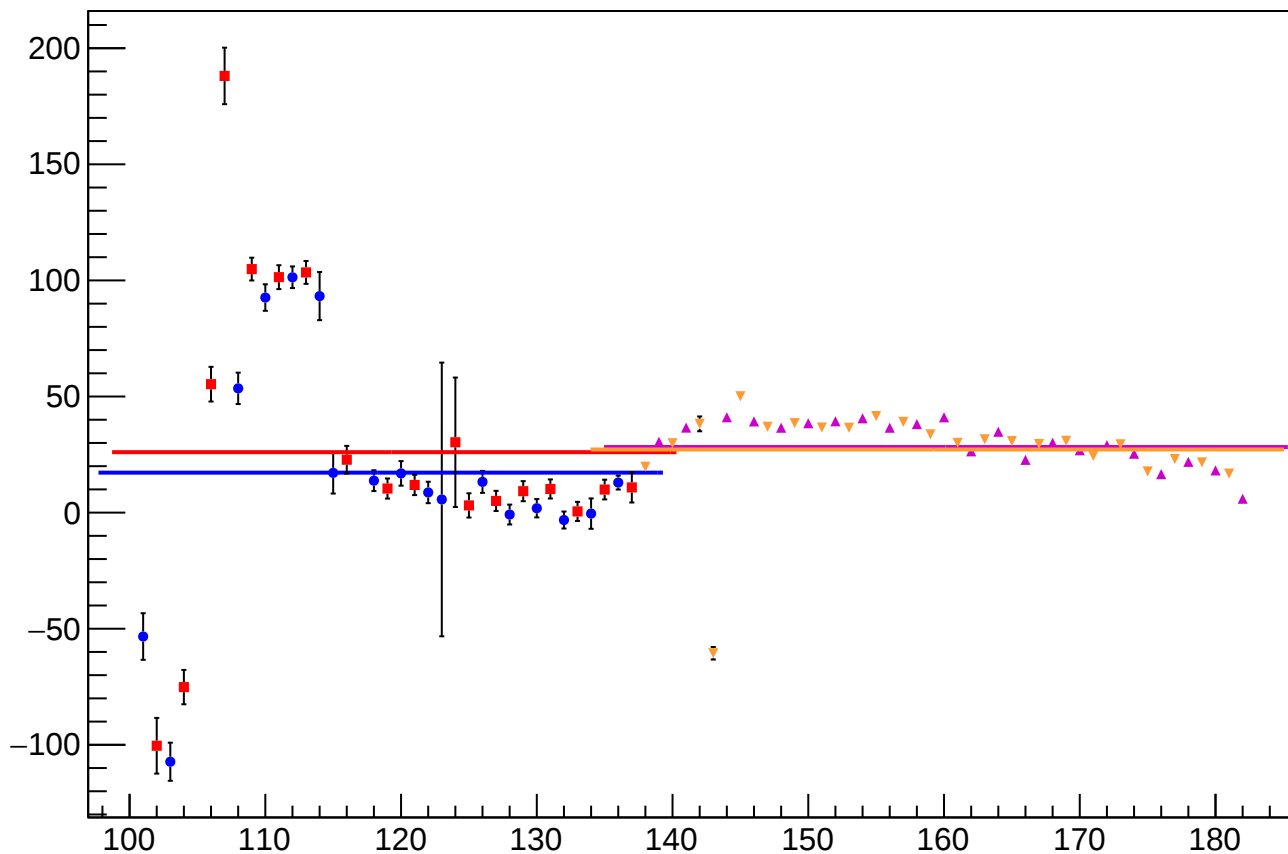
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.524 ± 0.275 χ^2/NDF : 191.8/38

Out: -2.092 ± 0.272 χ^2/NDF : 195.3/40

All: -1.811 ± 0.194 χ^2/NDF : 389.3/79

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 27.186 ± 0.386 $\chi^2/\text{NDF}: 1554.2/22$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 28.245 ± 0.381 $\chi^2/\text{NDF}: 714.4/21$

Left: 27.723 ± 0.271 $\chi^2/\text{NDF}: 2272.4/44$

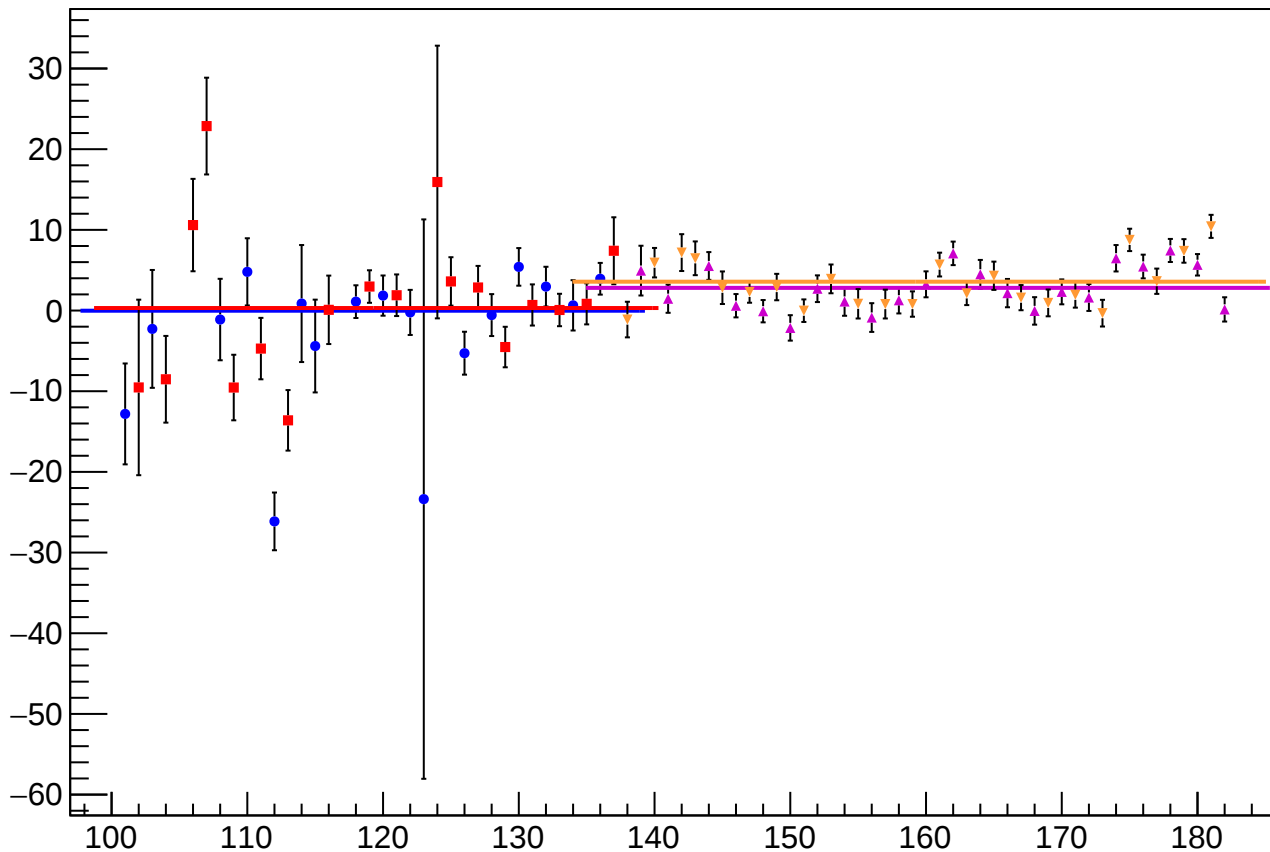
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 27.297 ± 0.364 $\chi^2/\text{NDF}: 1726.7/38$

Out: 27.085 ± 0.369 $\chi^2/\text{NDF}: 2921.0/40$

All: 27.192 ± 0.259 $\chi^2/\text{NDF}: 4647.8/79$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.575 ± 0.341 χ^2/NDF : 84.0/22

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.810 ± 0.343 χ^2/NDF : 65.9/21

Left: 3.195 ± 0.242 χ^2/NDF : 152.4/44

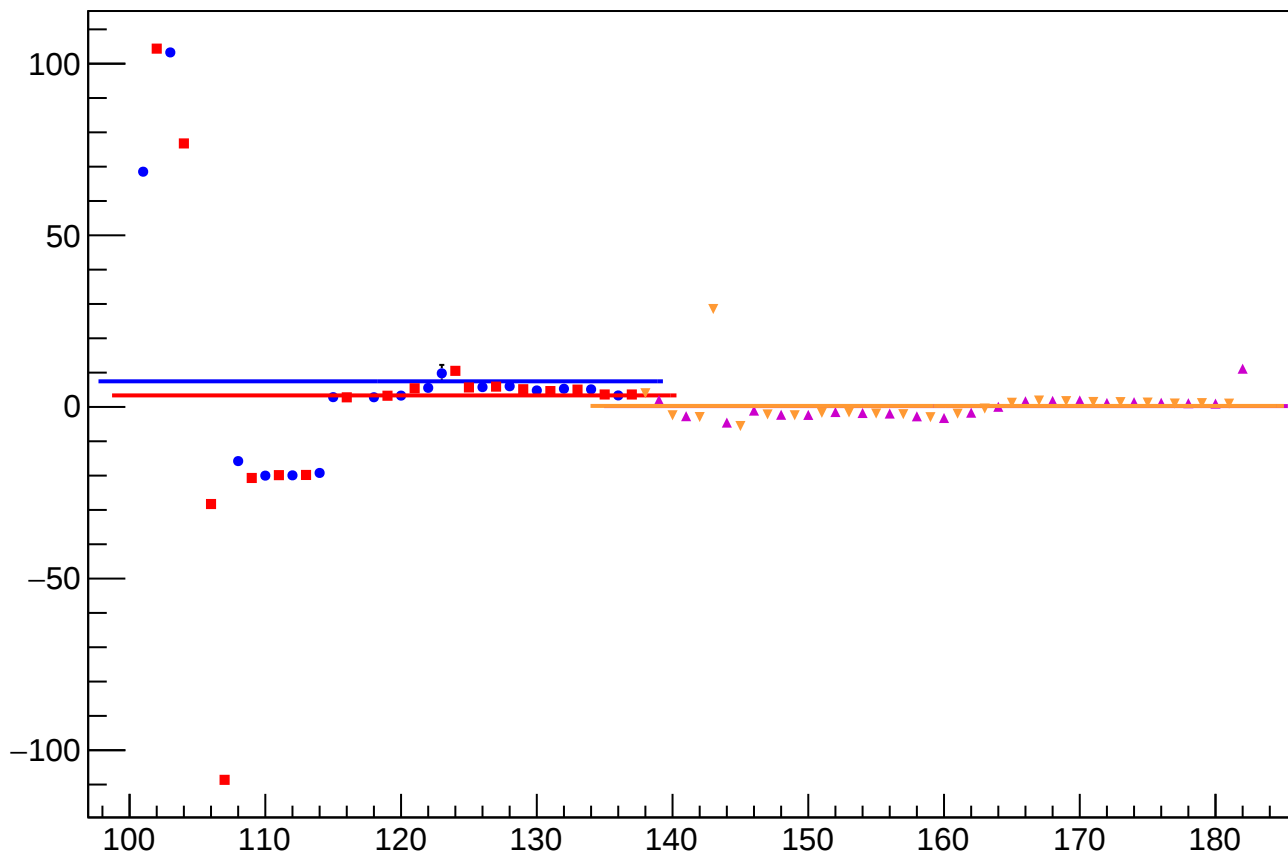
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 2.315 ± 0.312 χ^2/NDF : 153.7/38

Out: 3.016 ± 0.310 χ^2/NDF : 153.8/40

All: 2.667 ± 0.220 χ^2/NDF : 310.0/79

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.299 $\pm$ 0.016 χ^2 /NDF: 87218.8/22

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: 0.253 $\pm$ 0.015 χ^2 /NDF: 41503.3/21

Left: 0.276 $\pm$ 0.011 χ^2 /NDF: 128726.5/44

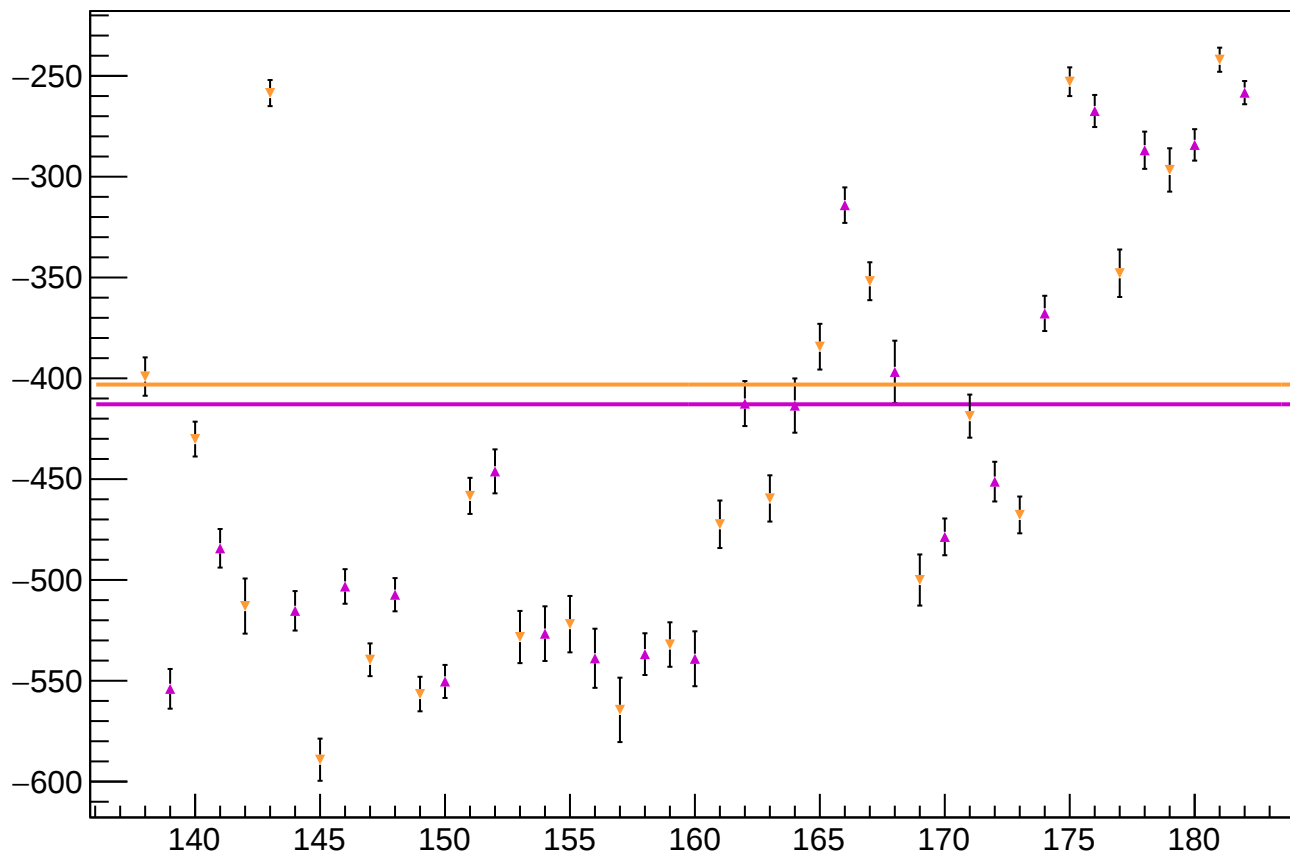
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 1.034 $\pm$ 0.015 χ^2 /NDF: 420862.2/38

Out: 0.623 $\pm$ 0.015 χ^2 /NDF: 596064.9/40

All: 0.831 $\pm$ 0.010 χ^2 /NDF: 1017315.7/79

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -403.088+/-1.993 χ^2/NDF :3427.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -412.882+/-2.007 χ^2/NDF :3009.8/21

Left: -407.951+/-1.414 χ^2/NDF : 6449.6/44

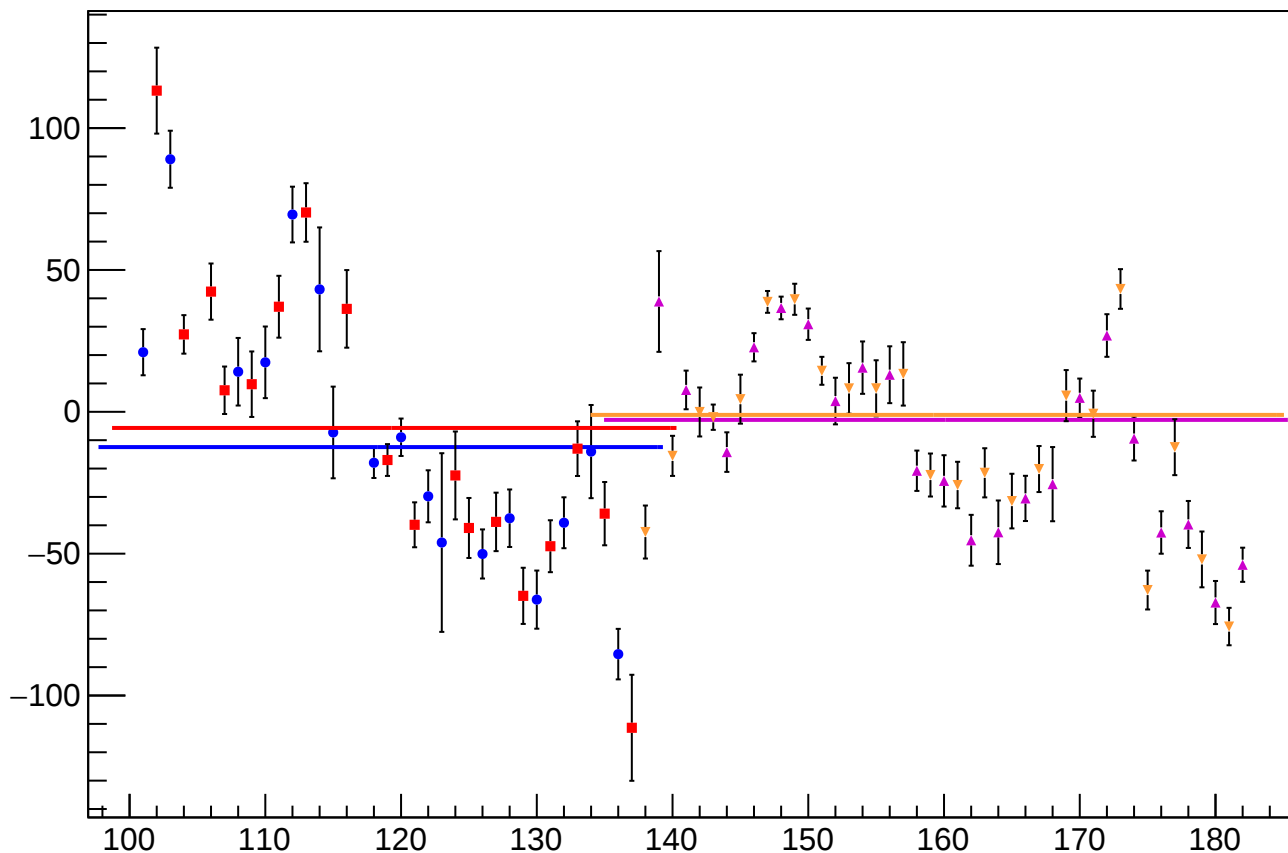
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -412.882+/-2.007 χ^2/NDF :3009.8/21

Out: -403.088+/-1.993 χ^2/NDF :3427.9/22

All: -407.951+/-1.414 χ^2/NDF : 6449.6/44

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -1.083 ± 1.465 χ^2/NDF : 516.6/22

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: -2.844 ± 1.533 χ^2/NDF : 450.6/21

Left: -1.924 ± 1.059 χ^2/NDF : 967.9/44

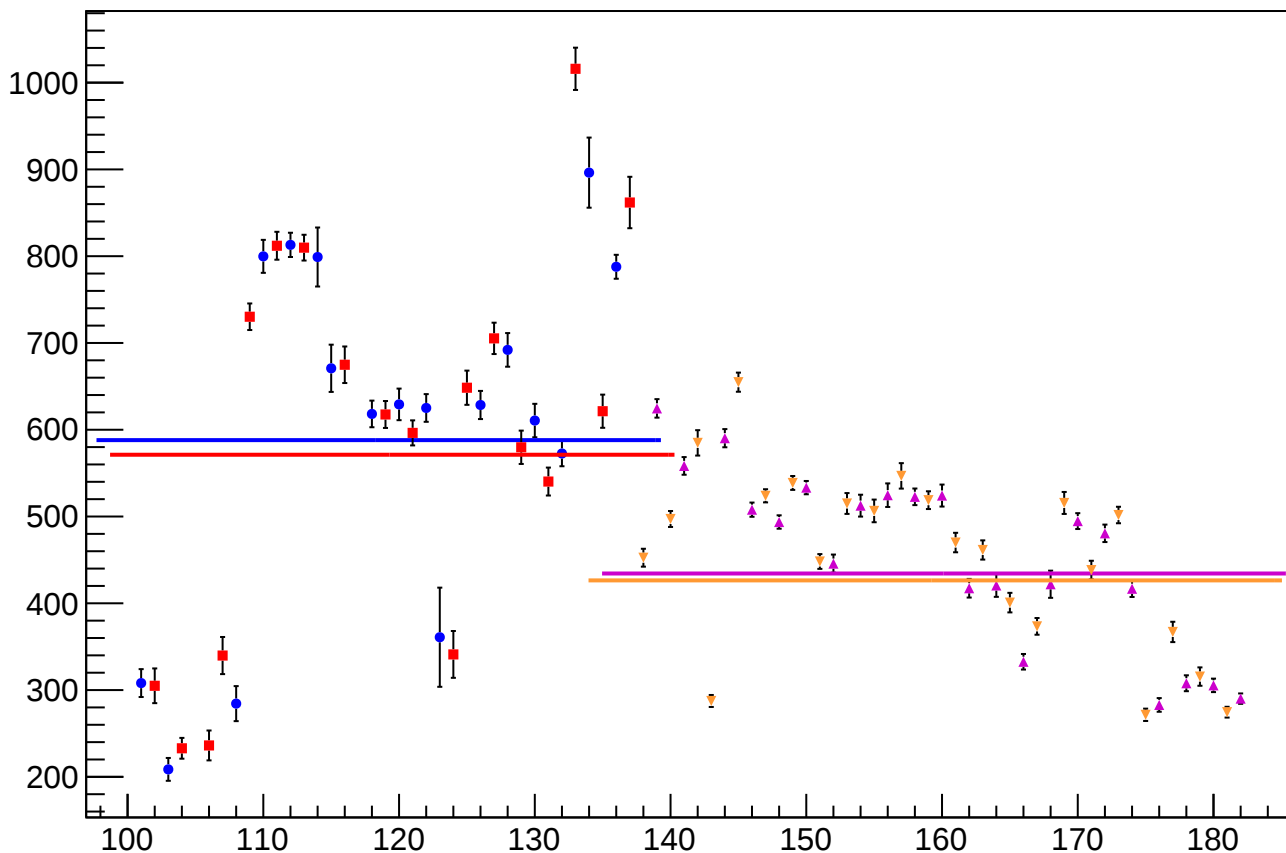
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -5.767 ± 1.278 χ^2/NDF : 802.8/38

Out: -2.442 ± 1.230 χ^2/NDF : 853.2/40

All: -4.040 ± 0.886 χ^2/NDF : 1659.4/79

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034+/-4.329 χ^2/NDF : 2127.7/16

Left Out: 426.388+/-1.994 χ^2/NDF :3007.8/22

Right Out: 571.196+/-4.151 χ^2/NDF : 2680.4/17

Left In: 434.341+/-1.996 χ^2/NDF :2833.6/21

Left: 430.361+/-1.411 χ^2/NDF : 5849.4/44

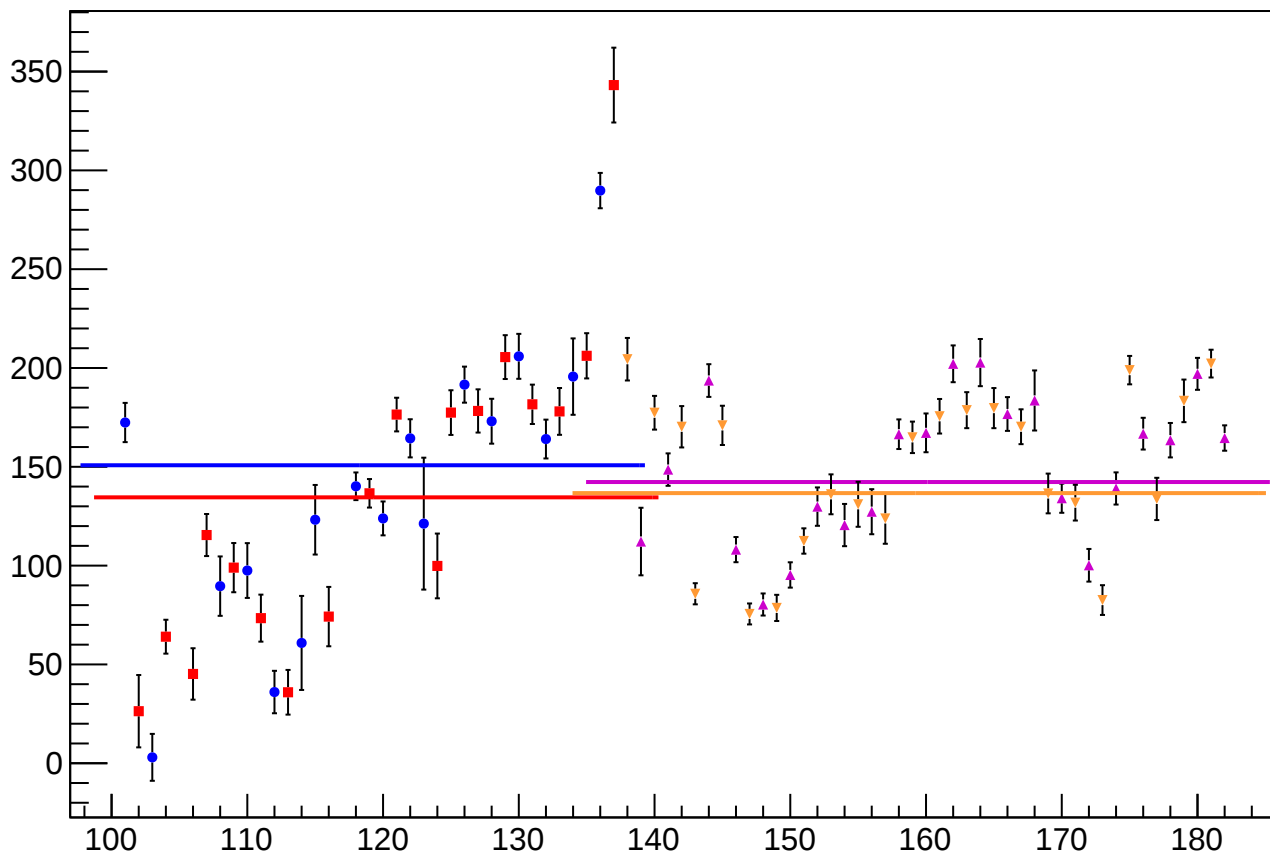
Right: 579.261+/-2.996 χ^2/NDF : 4816.0/34

In: 461.296+/-1.813 χ^2/NDF :6000.8/38

Out: 453.551+/-1.798 χ^2/NDF :6677.1/40

All: 457.391+/-1.276 χ^2/NDF : 12687.1/79

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 $\chi^2/\text{NDF}: 633.1/16$

Left Out: 136.693 ± 1.707 $\chi^2/\text{NDF}: 719.3/22$

Right Out: 134.549 ± 2.619 $\chi^2/\text{NDF}: 576.2/17$

Left In: 142.299 ± 1.762 $\chi^2/\text{NDF}: 463.4/21$

Left: 139.408 ± 1.226 $\chi^2/\text{NDF}: 1187.9/44$

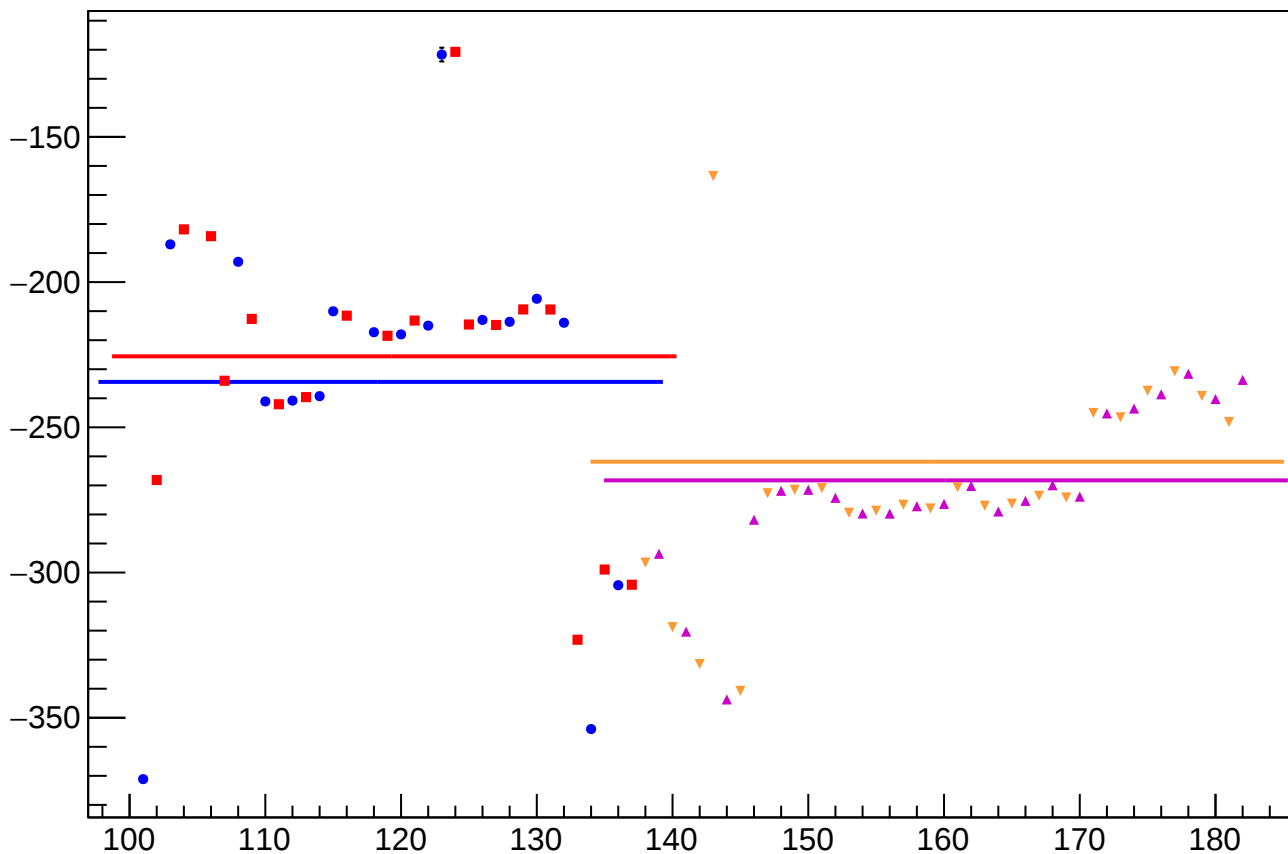
Right: 142.483 ± 1.873 $\chi^2/\text{NDF}: 1228.1/34$

In: 144.861 ± 1.472 $\chi^2/\text{NDF}: 1103.5/38$

Out: 136.054 ± 1.430 $\chi^2/\text{NDF}: 1296.0/40$

All: 140.330 ± 1.026 $\chi^2/\text{NDF}: 2417.9/79$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -261.842+/-0.083 χ^2/NDF : 228953.1/22

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -268.258+/-0.083 χ^2/NDF : 95224.5/21

Left: -265.050+/-0.058 χ^2/NDF : 327200.5/44

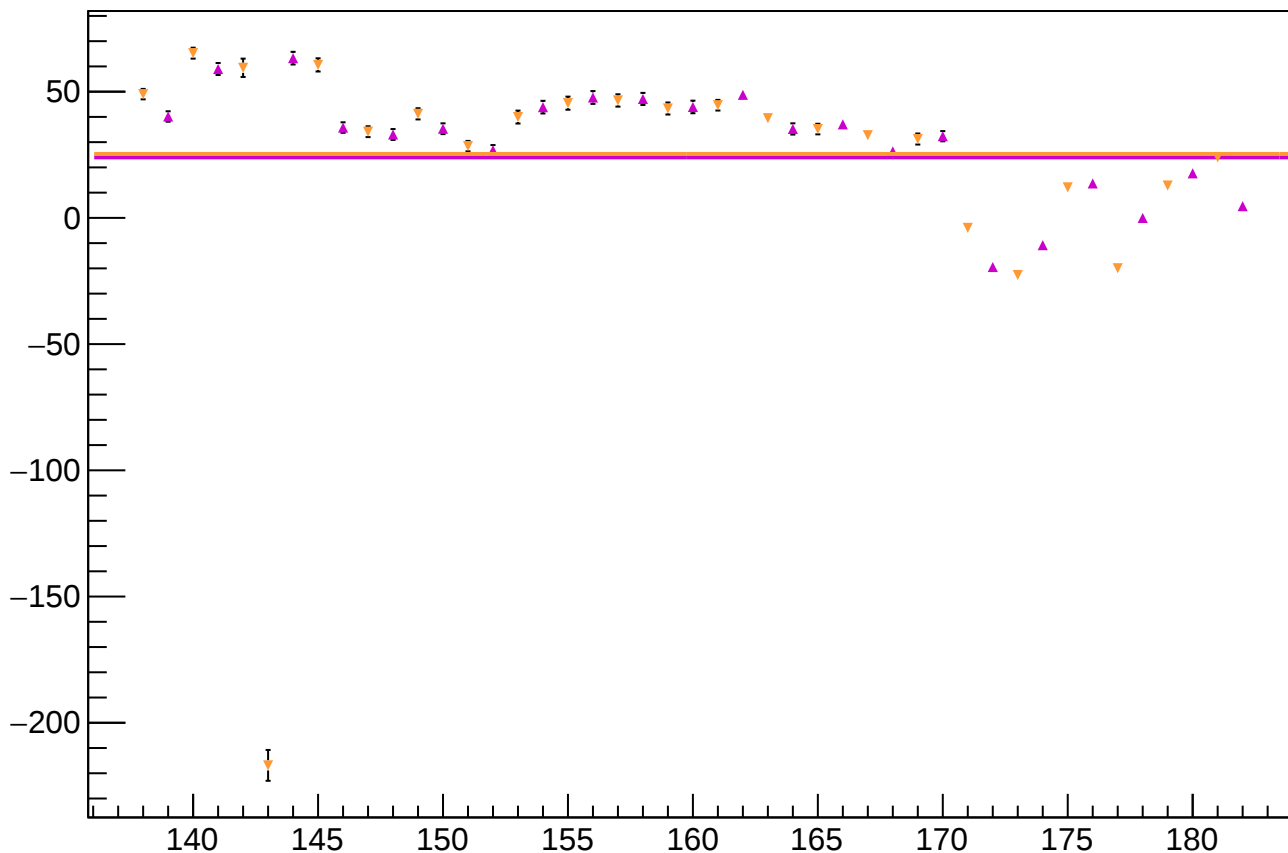
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -260.258+/-0.072 χ^2/NDF : 280205.7/38

Out: -252.676+/-0.071 χ^2/NDF : 370746.6/40

All: -256.425+/-0.051 χ^2/NDF : 656538.2/79

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.329 $\pm$ 0.418 χ^2 /NDF:4370.0/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 23.976 $\pm$ 0.406 χ^2 /NDF:2624.8/21

Left: 24.633 $\pm$ 0.291 χ^2 /NDF: 7000.2/44

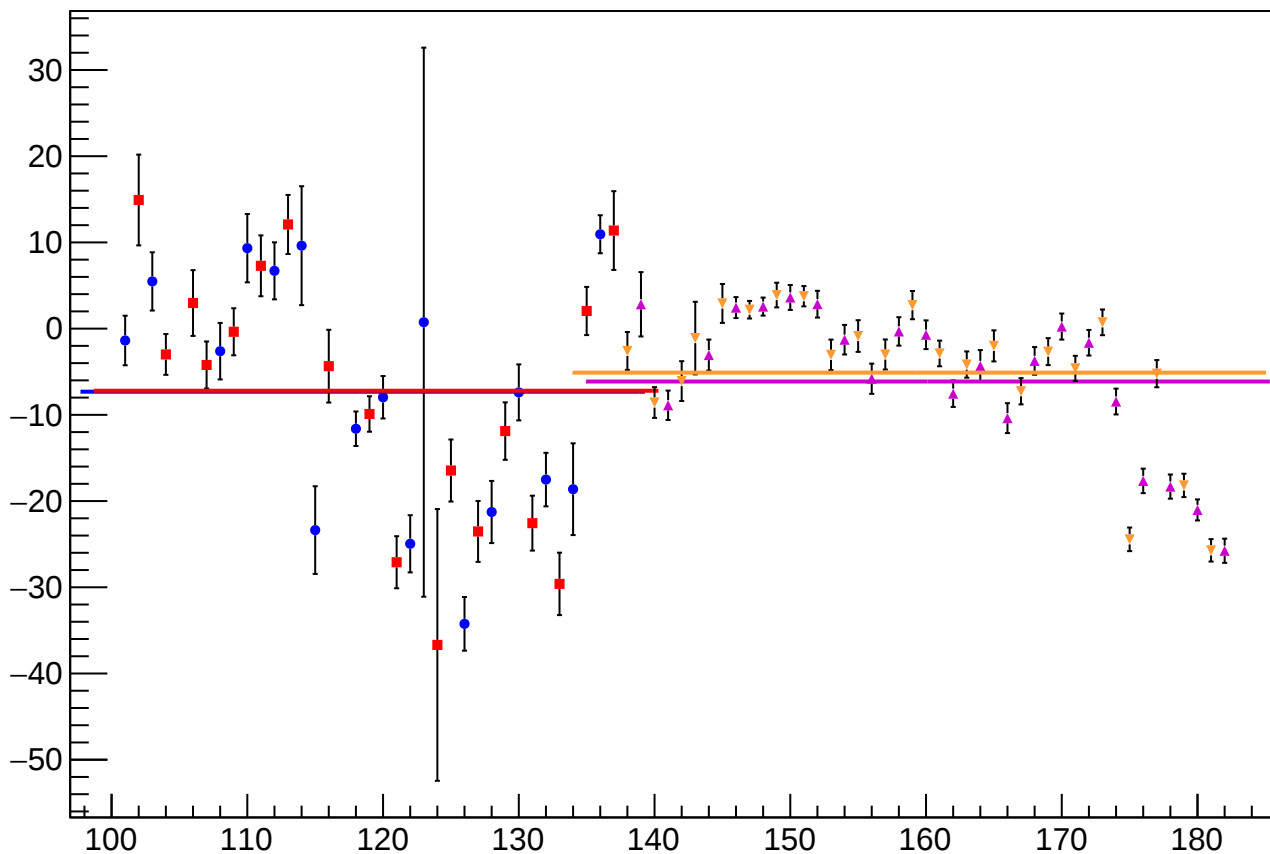
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 23.976 $\pm$ 0.406 χ^2 /NDF:2624.8/21

Out: 25.329 $\pm$ 0.418 χ^2 /NDF:4370.0/22

All: 24.633 $\pm$ 0.291 χ^2 /NDF: 7000.2/44

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: -5.105 ± 0.325 χ^2/NDF : 766.7/22

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.135 ± 0.323 χ^2/NDF : 766.3/21

Left: -5.622 ± 0.229 χ^2/NDF : 1538.0/44

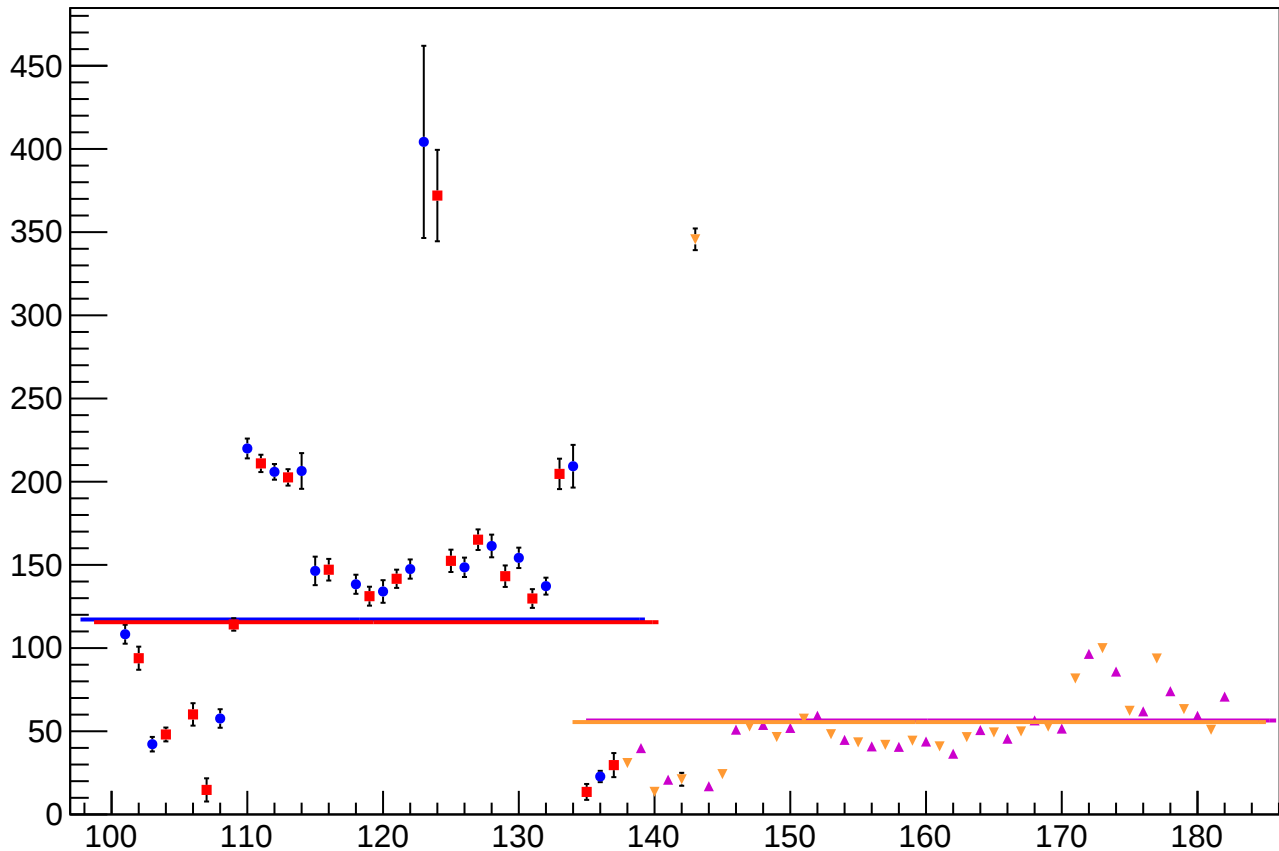
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.308 ± 0.299 χ^2/NDF : 1047.3/38

Out: -5.427 ± 0.299 χ^2/NDF : 1025.2/40

All: -5.868 ± 0.211 χ^2/NDF : 2076.9/79

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: 55.524+/-0.415 χ^2/NDF :4006.1/22

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 56.472+/-0.403 χ^2/NDF :1725.9/21

Left: 56.012+/-0.289 χ^2/NDF : 5734.6/44

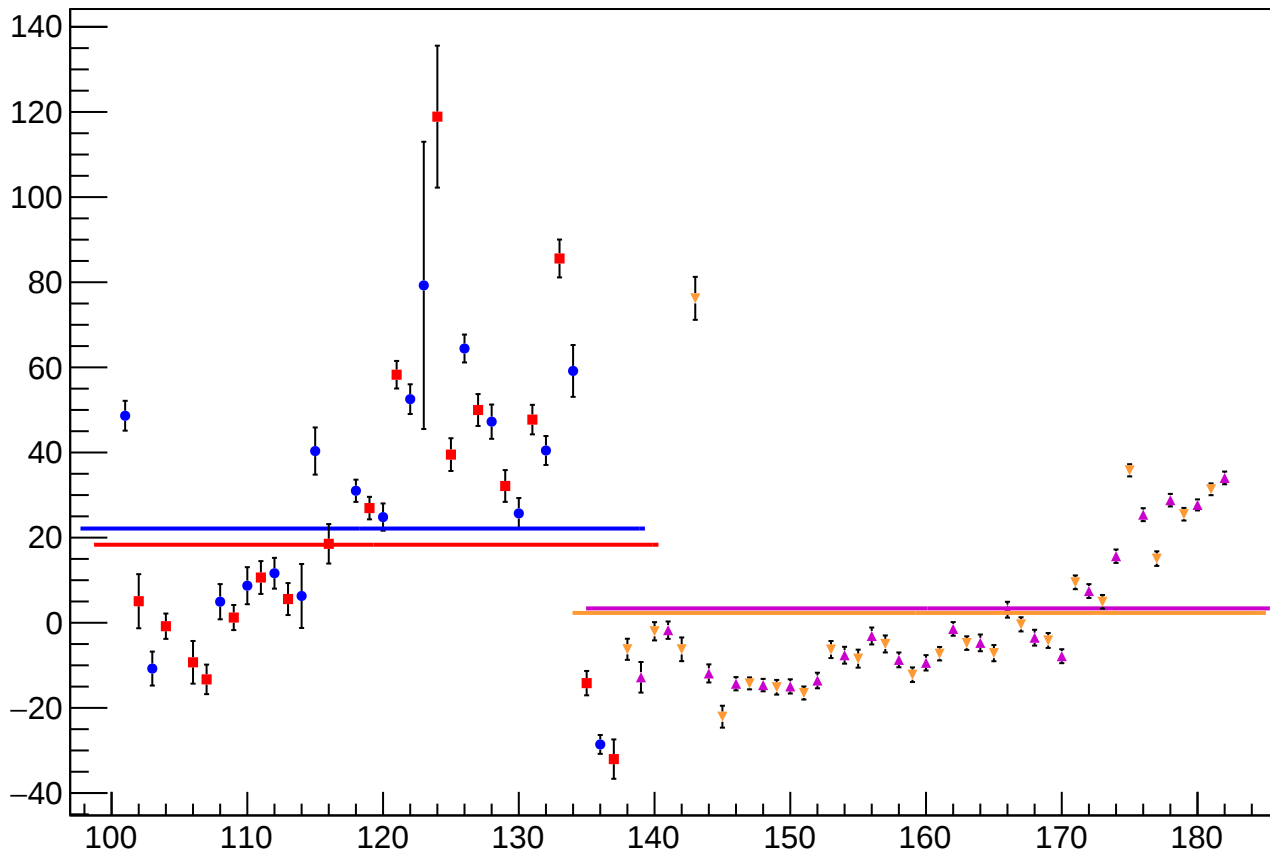
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 61.055+/-0.388 χ^2/NDF :5595.8/38

Out: 60.623+/-0.397 χ^2/NDF :7929.9/40

All: 60.844+/-0.278 χ^2/NDF : 13526.4/79

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: 2.316+/-0.369 χ^2/NDF :2253.2/22

Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17

Left In: 3.382+/-0.364 χ^2/NDF :2136.3/21

Left: 2.856+/-0.259 χ^2/NDF : 4393.8/44

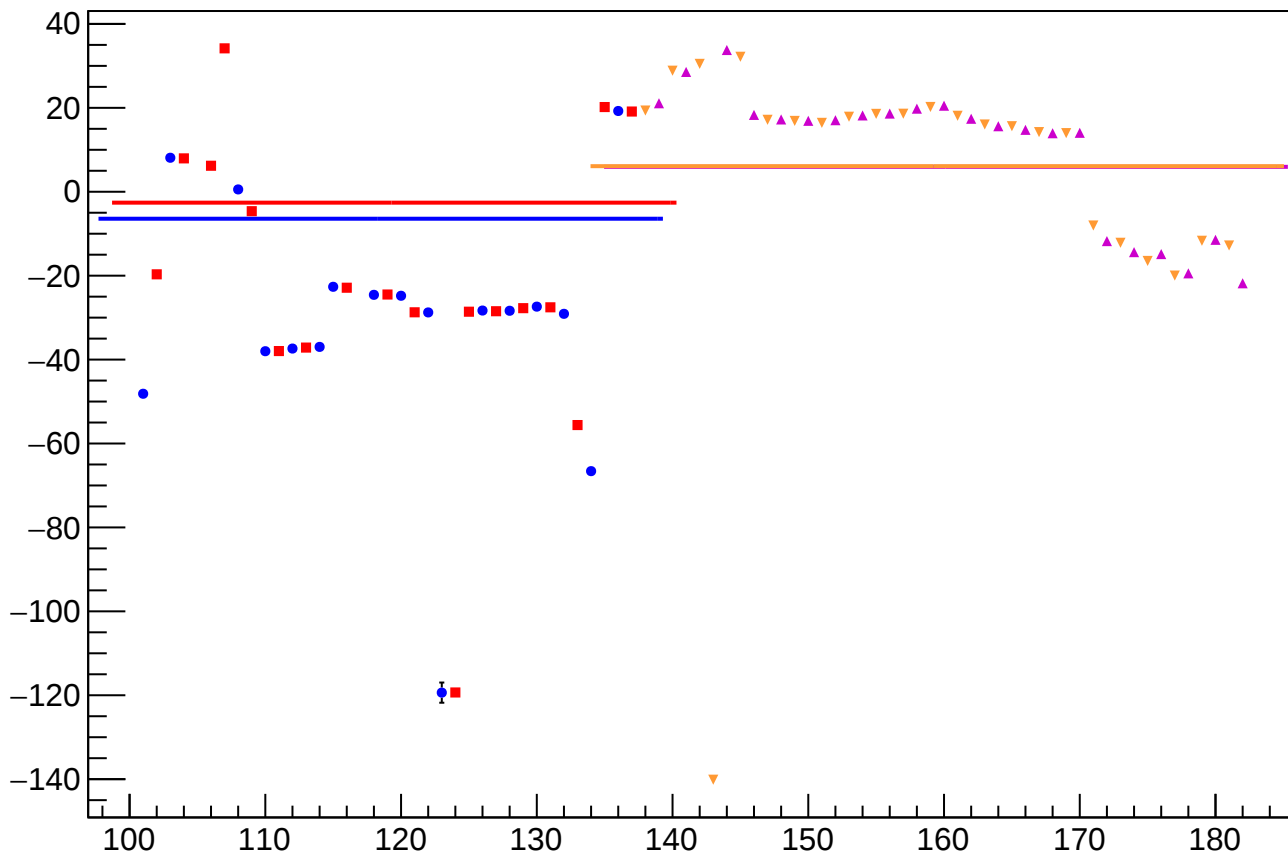
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: 6.070+/-0.337 χ^2/NDF :3579.8/38

Out: 4.747+/-0.340 χ^2/NDF :3609.7/40

All: 5.413+/-0.239 χ^2/NDF : 7197.1/79

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 6.096 ± 0.017 χ^2/NDF : 1188154.4/22

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 5.940 ± 0.017 χ^2/NDF : 1024474.3/21

Left: 6.016 ± 0.012 χ^2/NDF : 2212672.0/44

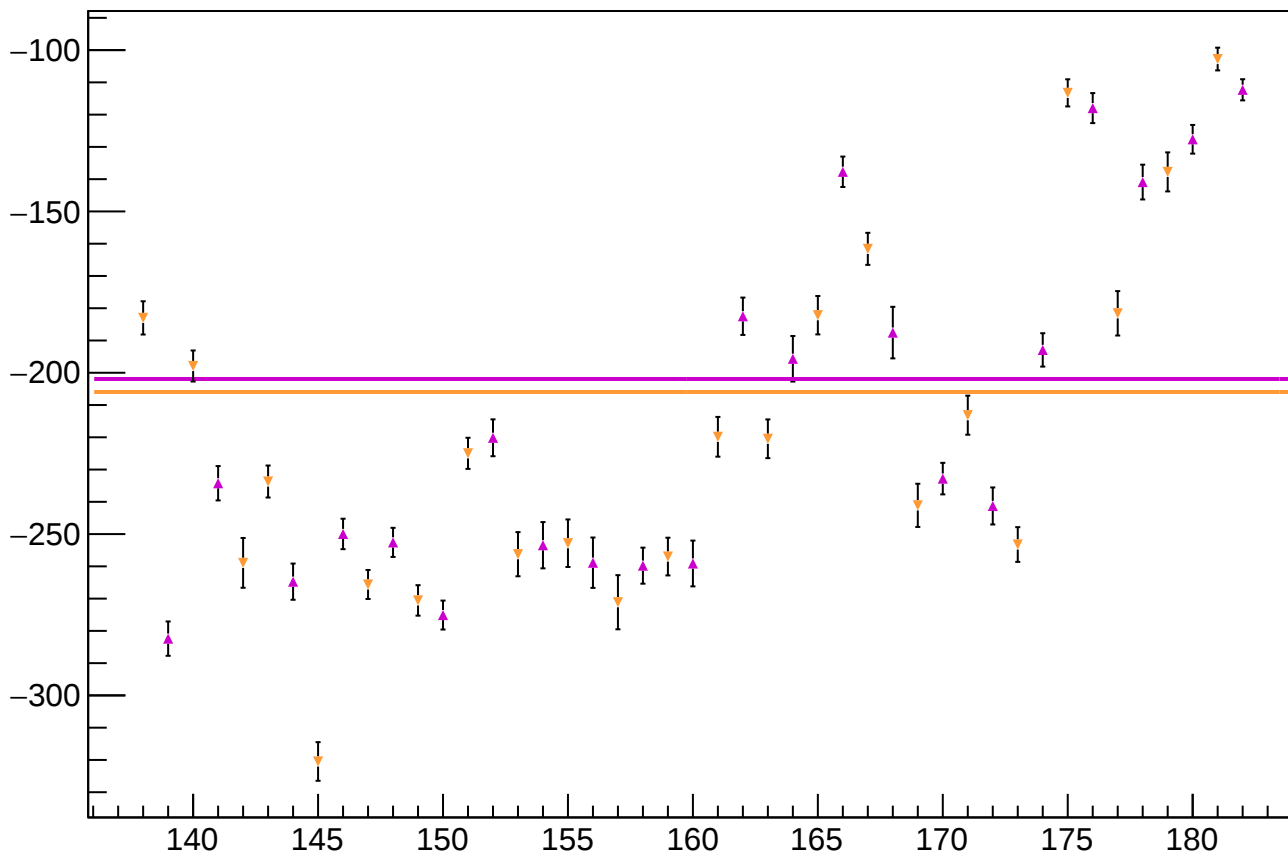
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 4.535 ± 0.016 χ^2/NDF : 1353136.3/38

Out: 5.041 ± 0.016 χ^2/NDF : 1483424.9/40

All: 4.782 ± 0.011 χ^2/NDF : 2837075.4/79

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -205.951+/-1.133 χ^2/NDF :2772.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Left: -203.902+/-0.793 χ^2/NDF : 5724.5/44

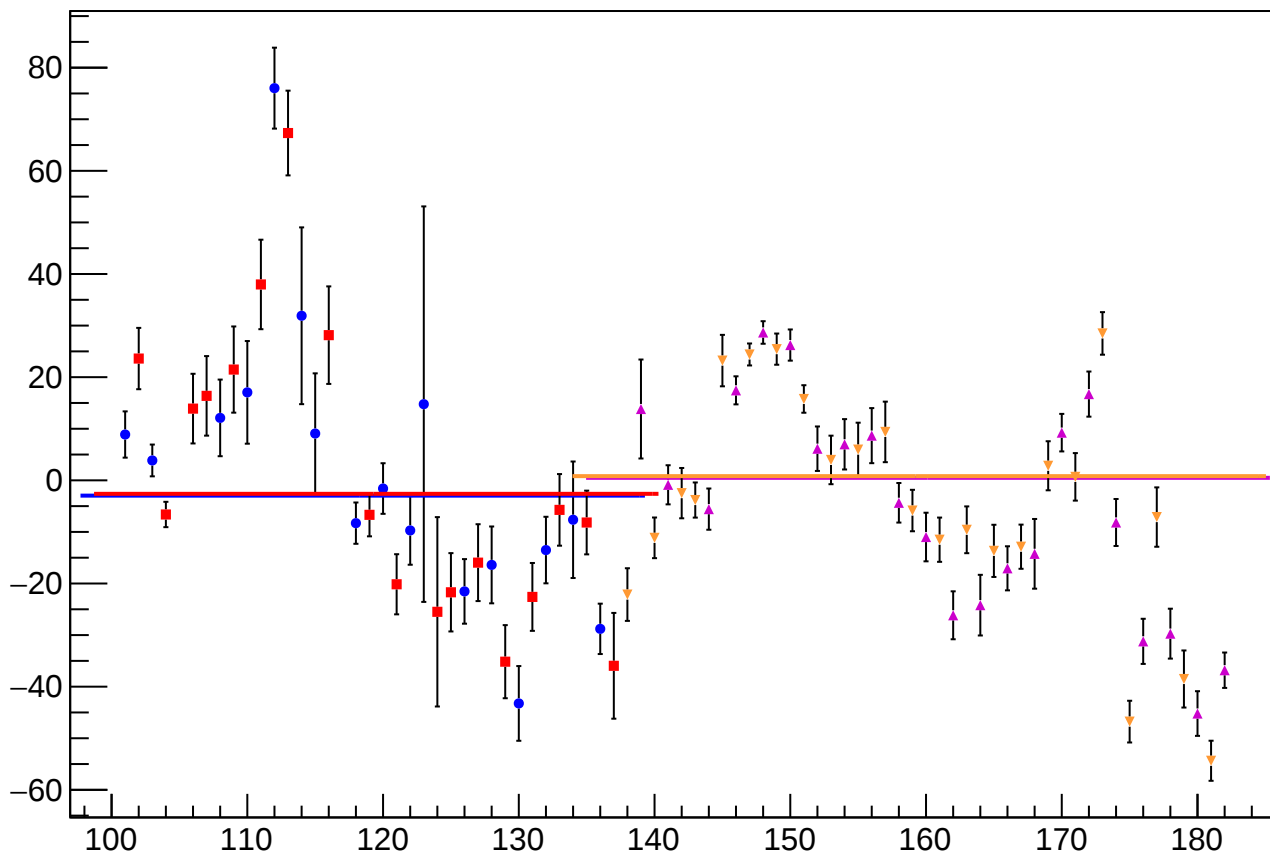
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Out: -205.951+/-1.133 χ^2/NDF :2772.0/22

All: -203.902+/-0.793 χ^2/NDF : 5724.5/44

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: 0.813 ± 0.830 χ^2/NDF : 748.3/22

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 0.487 ± 0.845 χ^2/NDF : 711.7/21

Left: 0.653 ± 0.592 χ^2/NDF : 1460.1/44

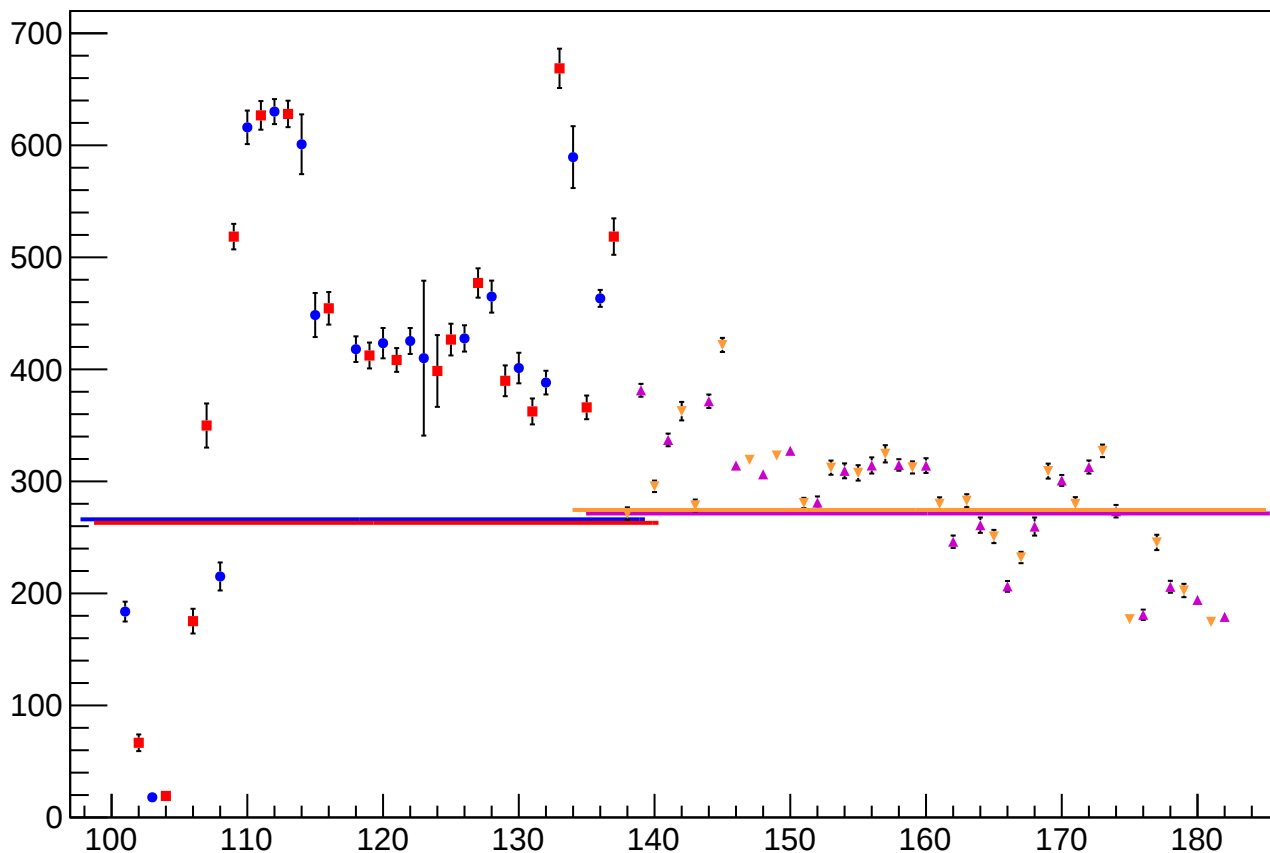
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -0.385 ± 0.730 χ^2/NDF : 919.5/38

Out: -0.080 ± 0.714 χ^2/NDF : 963.2/40

All: -0.229 ± 0.510 χ^2/NDF : 1882.8/79

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 274.500 $\pm$ 1.128 χ^2 /NDF: 2717.6/22

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 271.344 $\pm$ 1.104 χ^2 /NDF: 3168.7/21

Left: 272.888 $\pm$ 0.789 χ^2 /NDF: 5890.3/44

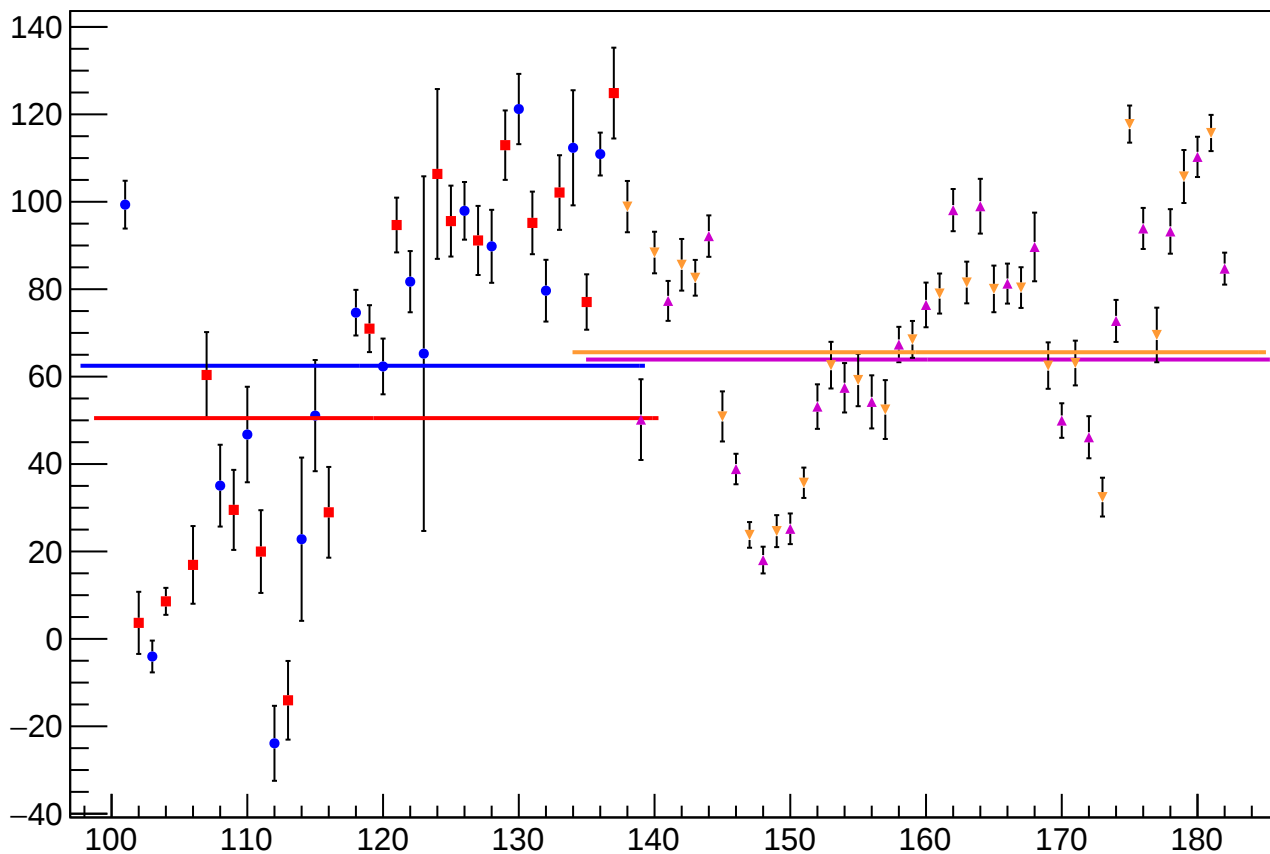
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 270.479 $\pm$ 1.008 χ^2 /NDF: 10816.4/38

Out: 272.512 $\pm$ 1.026 χ^2 /NDF: 10907.6/40

All: 271.478 $\pm$ 0.719 χ^2 /NDF: 21726.0/79

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2/NDF : 720.8/16

Left Out: 65.580 $\pm$ 0.966 χ^2/NDF : 933.6/22

Right Out: 50.506 $\pm$ 1.644 χ^2/NDF : 650.6/17

Left In: 63.907 $\pm$ 0.972 χ^2/NDF : 803.3/21

Left: 64.748 $\pm$ 0.685 χ^2/NDF : 1738.4/44

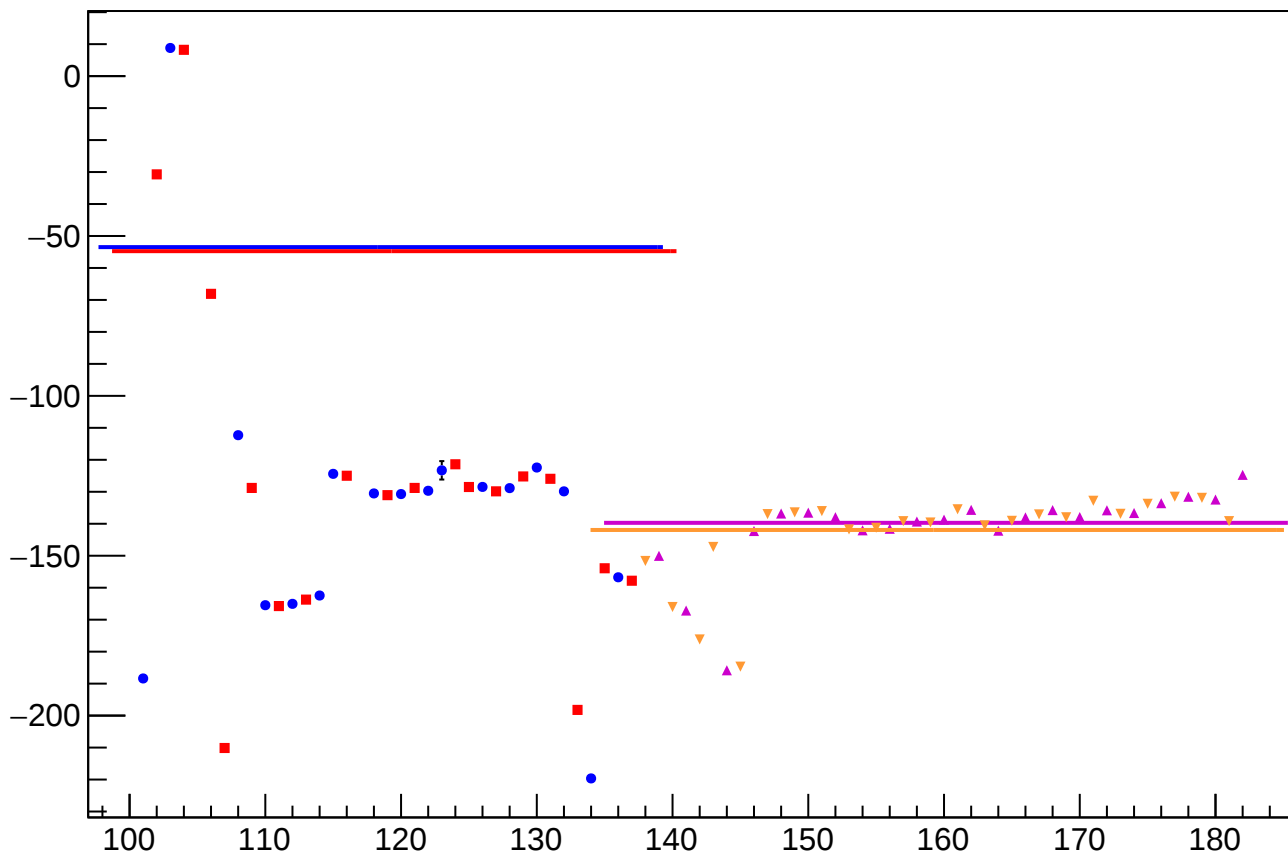
Right: 56.364 $\pm$ 1.175 χ^2/NDF : 1397.3/34

In: 63.551 $\pm$ 0.841 χ^2/NDF : 1524.6/38

Out: 61.710 $\pm$ 0.833 χ^2/NDF : 1646.7/40

All: 62.622 $\pm$ 0.592 χ^2/NDF : 3173.7/79

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -141.944 $\pm$ 0.046 χ^2 /NDF: 65799.4/22

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -139.710 $\pm$ 0.045 χ^2 /NDF: 61151.8/21

Left: -140.802 $\pm$ 0.032 χ^2 /NDF: 128133.0/44

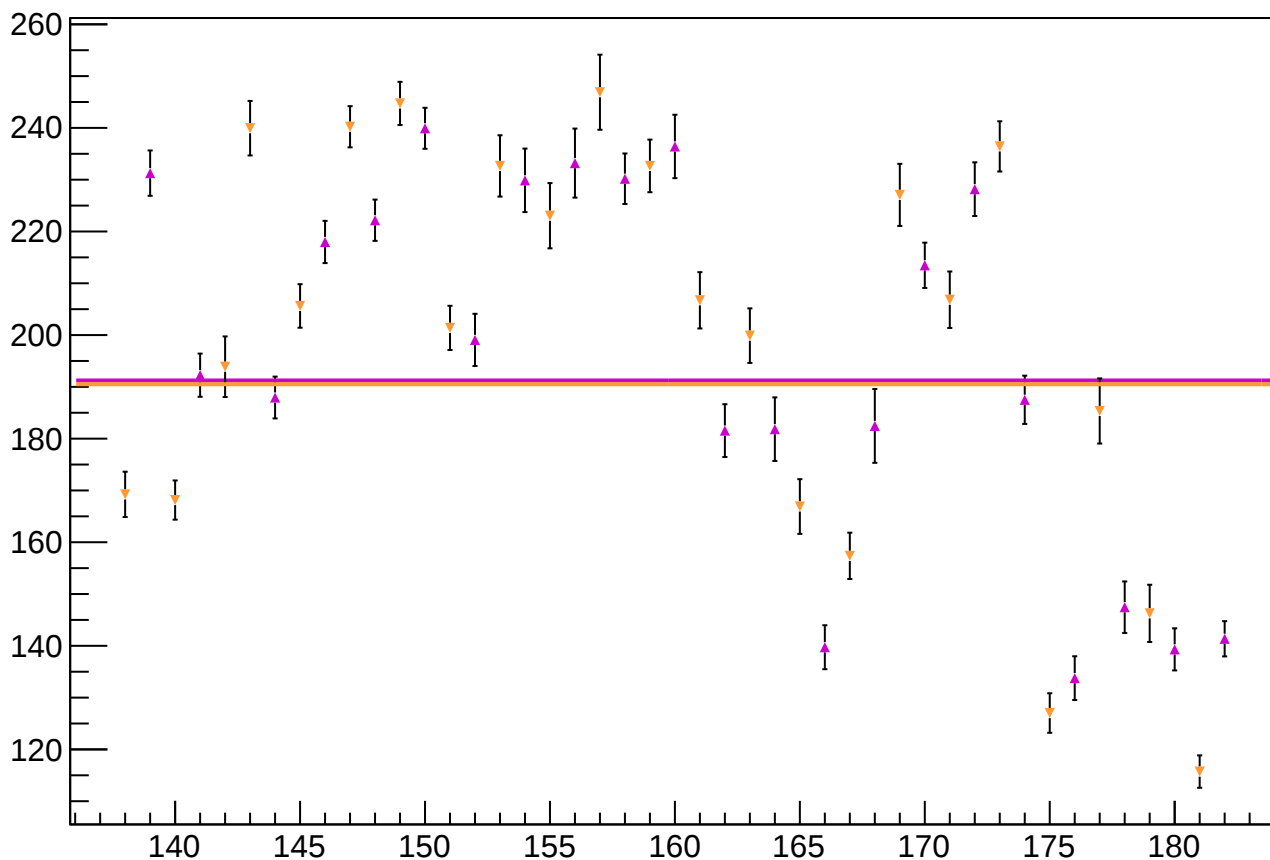
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -114.313 $\pm$ 0.038 χ^2 /NDF: 2350984.1/38

Out: -116.378 $\pm$ 0.039 χ^2 /NDF: 2051072.7/40

All: -115.321 $\pm$ 0.027 χ^2 /NDF: 4403487.7/79

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 190.504+/-0.990 χ^2/NDF :1833.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 191.235+/-0.983 χ^2/NDF :1411.9/21

Left: 190.872+/-0.698 χ^2/NDF : 3245.6/44

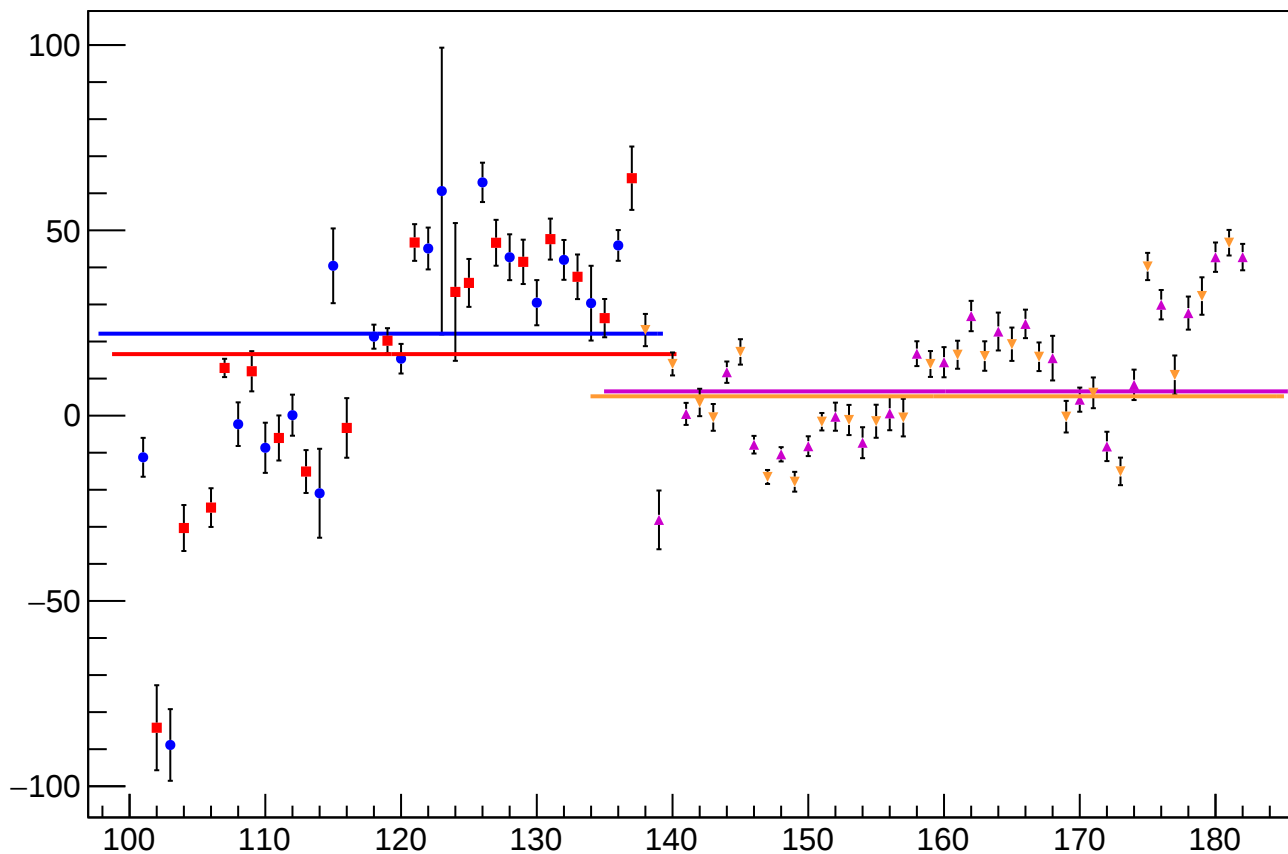
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 191.235+/-0.983 χ^2/NDF :1411.9/21

Out: 190.504+/-0.990 χ^2/NDF :1833.4/22

All: 190.872+/-0.698 χ^2/NDF : 3245.6/44

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 5.216 $\pm$ 0.727 χ^2 /NDF: 598.5/22

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: 6.548 $\pm$ 0.740 χ^2 /NDF: 518.0/21

Left: 5.870 $\pm$ 0.519 χ^2 /NDF: 1118.1/44

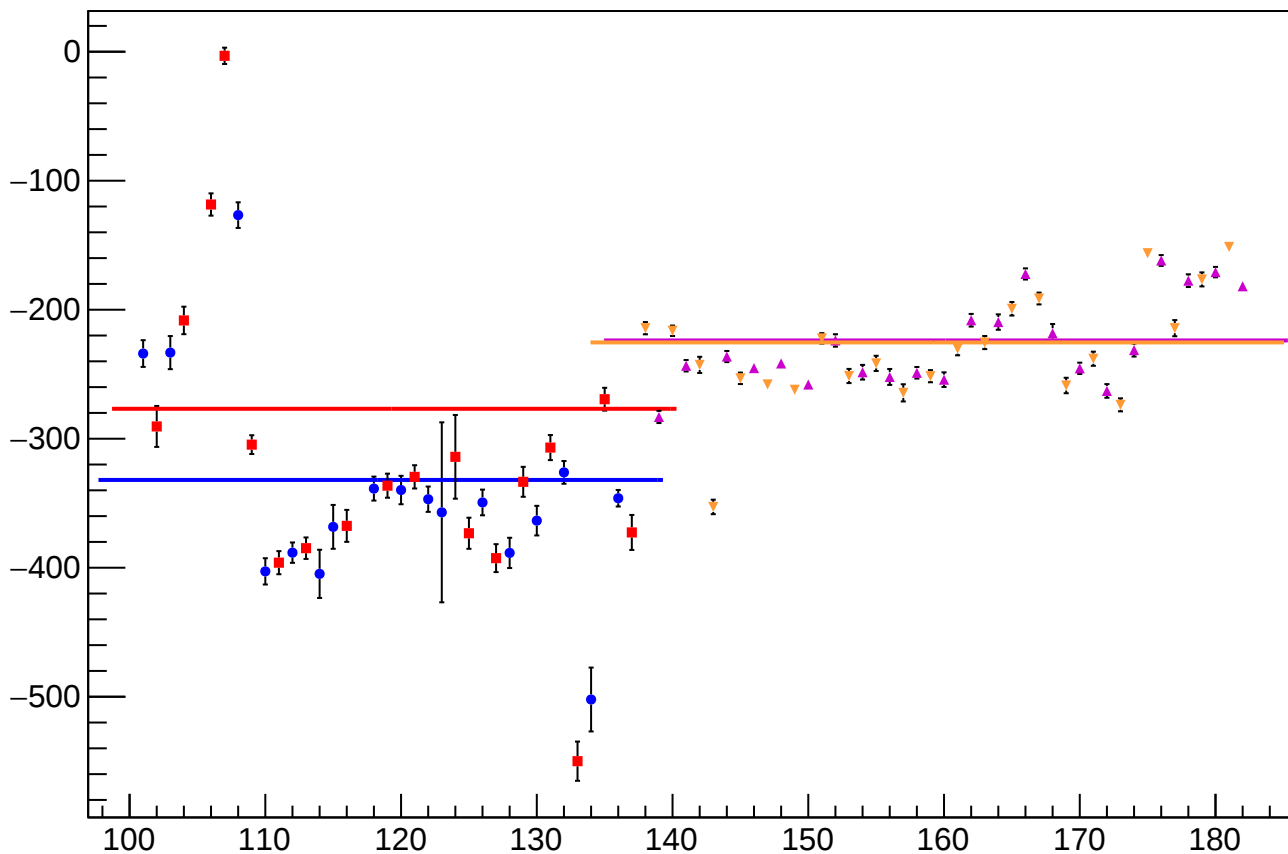
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 10.040 $\pm$ 0.652 χ^2 /NDF: 999.2/38

Out: 8.166 $\pm$ 0.626 χ^2 /NDF: 1078.9/40

All: 9.064 $\pm$ 0.451 χ^2 /NDF: 2082.4/79

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -225.349 ± 0.988 χ^2/NDF : 1974.0/22

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -223.826 ± 0.977 χ^2/NDF : 1283.0/21

Left: -224.579 ± 0.694 χ^2/NDF : 3258.2/44

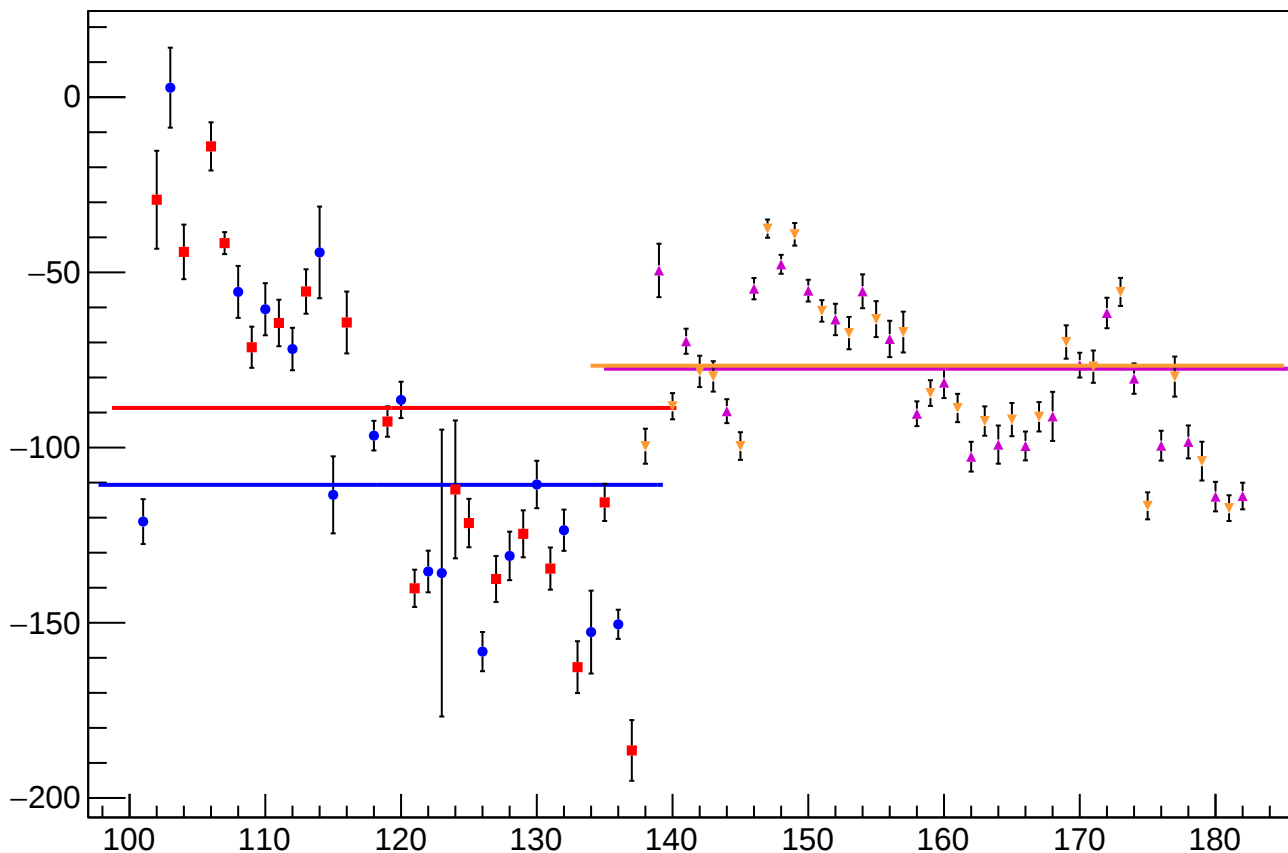
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -237.492 ± 0.913 χ^2/NDF : 3618.2/38

Out: -233.189 ± 0.909 χ^2/NDF : 5718.0/40

All: -235.333 ± 0.644 χ^2/NDF : 9347.4/79

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -76.630 ± 0.846 χ^2/NDF : 800.4/22

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -77.490 ± 0.854 χ^2/NDF : 617.7/21

Left: -77.056 ± 0.601 χ^2/NDF : 1418.6/44

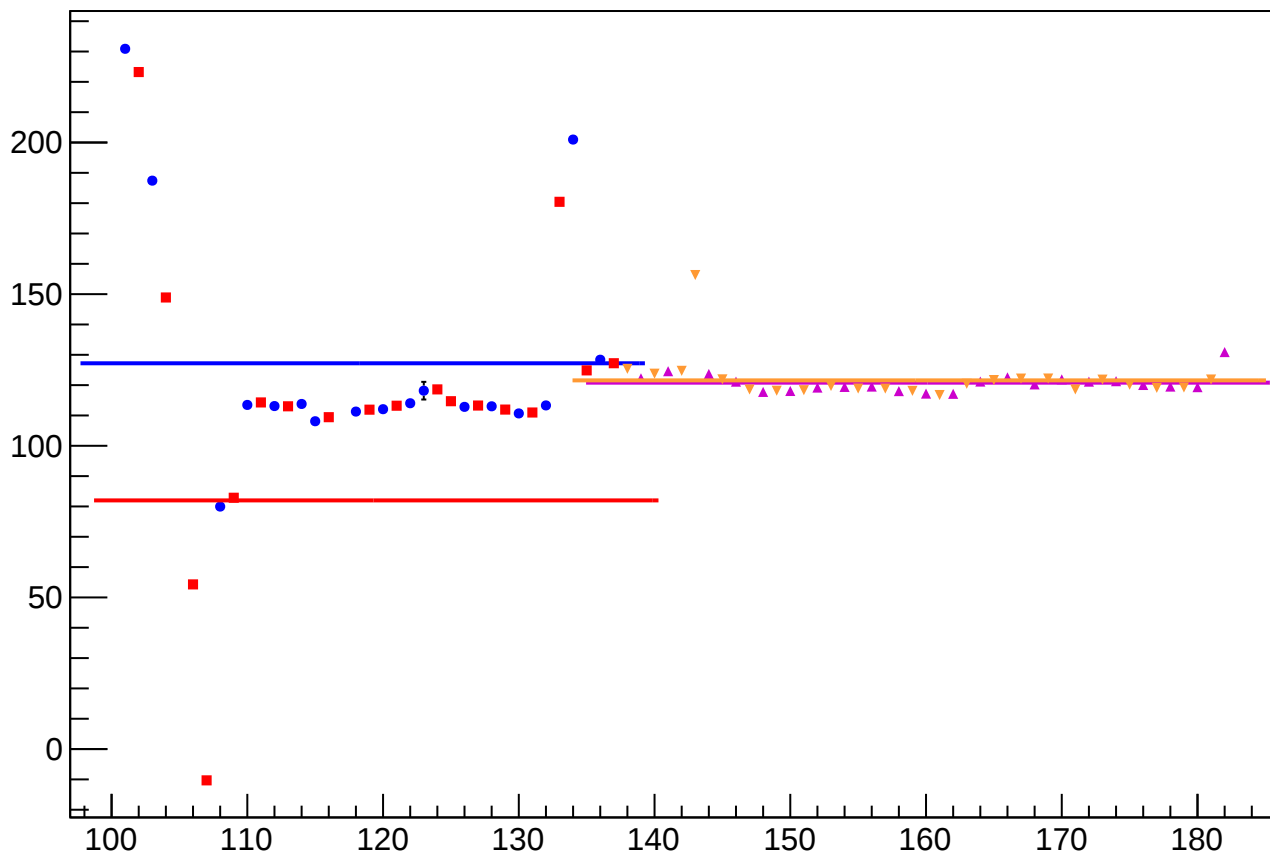
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -84.974 ± 0.751 χ^2/NDF : 1466.7/38

Out: -79.743 ± 0.729 χ^2/NDF : 1816.8/40

All: -82.280 ± 0.523 χ^2/NDF : 3308.5/79

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.569 $\pm$ 0.041 χ^2 /NDF: 27308.1/22

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.816 $\pm$ 0.040 χ^2 /NDF: 6190.7/21

Left: 121.187 $\pm$ 0.028 χ^2 /NDF: 33673.6/44

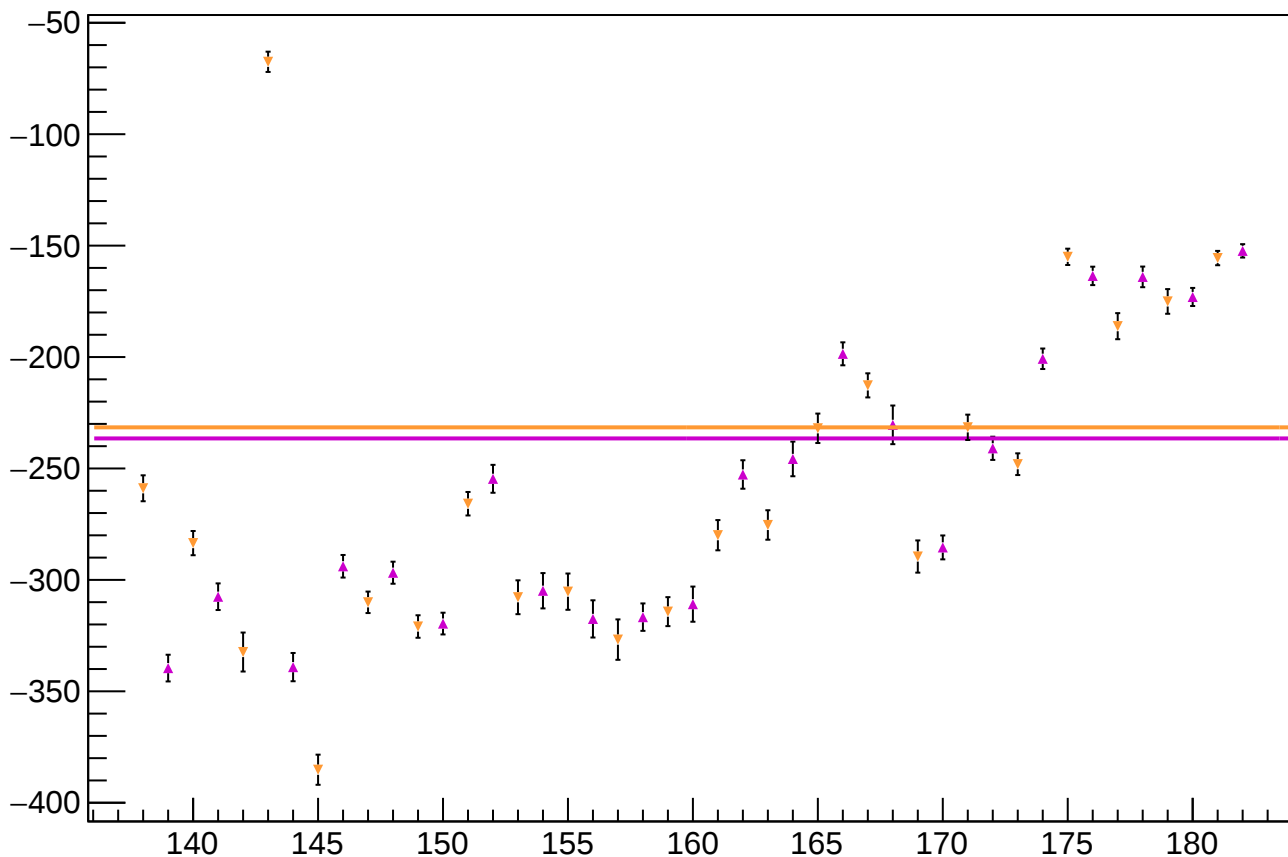
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.885 $\pm$ 0.036 χ^2 /NDF: 198494.6/38

Out: 112.689 $\pm$ 0.036 χ^2 /NDF: 990325.1/40

All: 117.198 $\pm$ 0.026 χ^2 /NDF: 1221251.4/79

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -231.550 $\pm$ 1.147 χ^2 /NDF:4478.7/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -236.520 $\pm$ 1.126 χ^2 /NDF:3494.1/21

Left: -234.081 $\pm$ 0.804 χ^2 /NDF: 7982.4/44

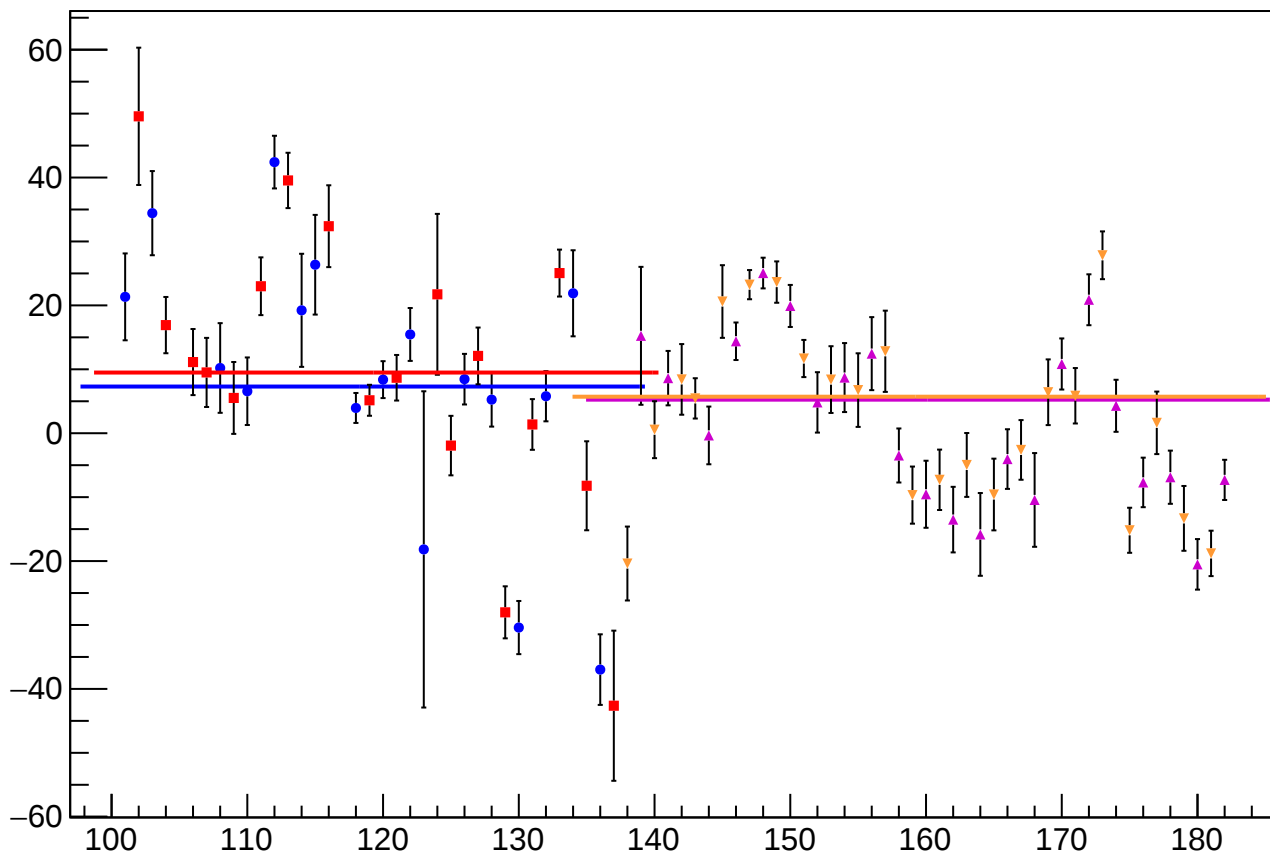
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -236.520 $\pm$ 1.126 χ^2 /NDF:3494.1/21

Out: -231.550 $\pm$ 1.147 χ^2 /NDF:4478.7/22

All: -234.081 $\pm$ 0.804 χ^2 /NDF: 7982.4/44

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303+/-1.086 χ^2/NDF : 260.6/16

Left Out: 5.713+/-0.858 χ^2/NDF :291.5/22

Right Out: 9.493+/-1.073 χ^2/NDF : 231.1/17

Left In: 5.252+/-0.877 χ^2/NDF :242.9/21

Left: 5.488+/-0.614 χ^2/NDF : 534.6/44

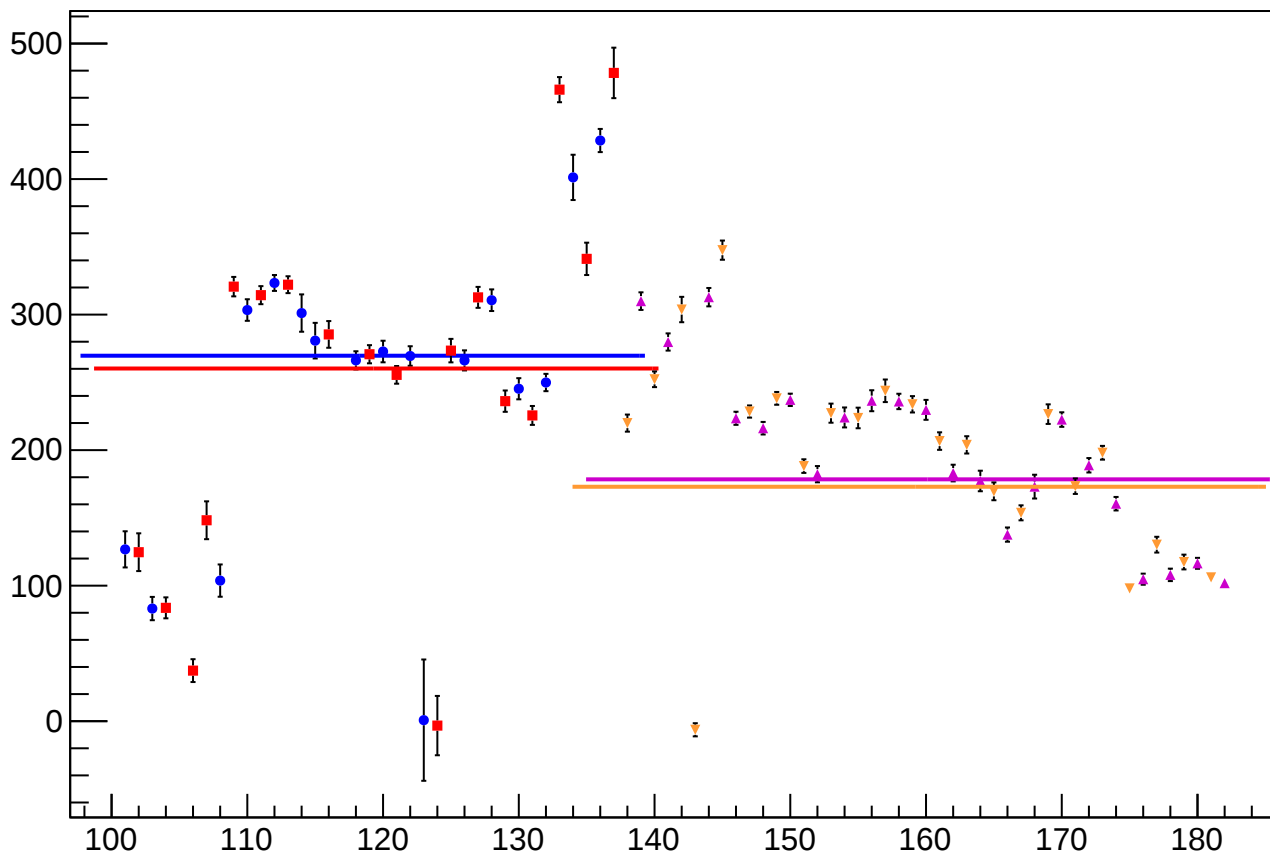
Right: 8.410+/-0.763 χ^2/NDF : 493.8/34

In: 6.062+/-0.682 χ^2/NDF :505.7/38

Out: 7.188+/-0.670 χ^2/NDF :530.2/40

All: 6.635+/-0.478 χ^2/NDF : 1037.3/79

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 172.978 $\pm$ 1.146 χ^2 /NDF: 4161.8/22

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 178.450 $\pm$ 1.122 χ^2 /NDF: 3166.3/21

Left: 175.771 $\pm$ 0.802 χ^2 /NDF: 7339.8/44

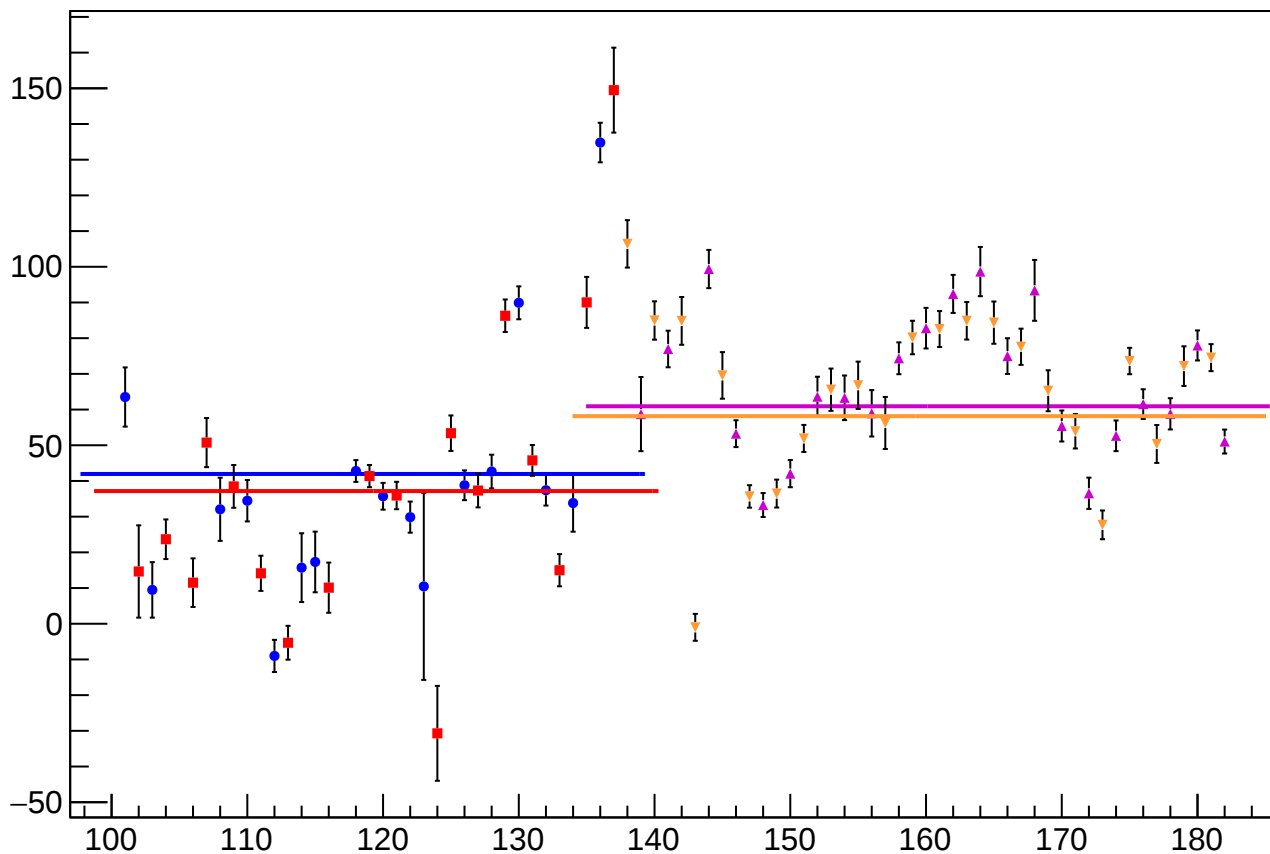
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 199.067 $\pm$ 0.987 χ^2 /NDF: 6037.0/38

Out: 194.878 $\pm$ 0.991 χ^2 /NDF: 8145.9/40

All: 196.982 $\pm$ 0.699 χ^2 /NDF: 14191.9/79

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 58.159 $\pm$ 0.993 χ^2 /NDF: 640.7/22

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 60.921 $\pm$ 1.001 χ^2 /NDF: 331.1/21

Left: 59.529 $\pm$ 0.705 χ^2 /NDF: 975.7/44

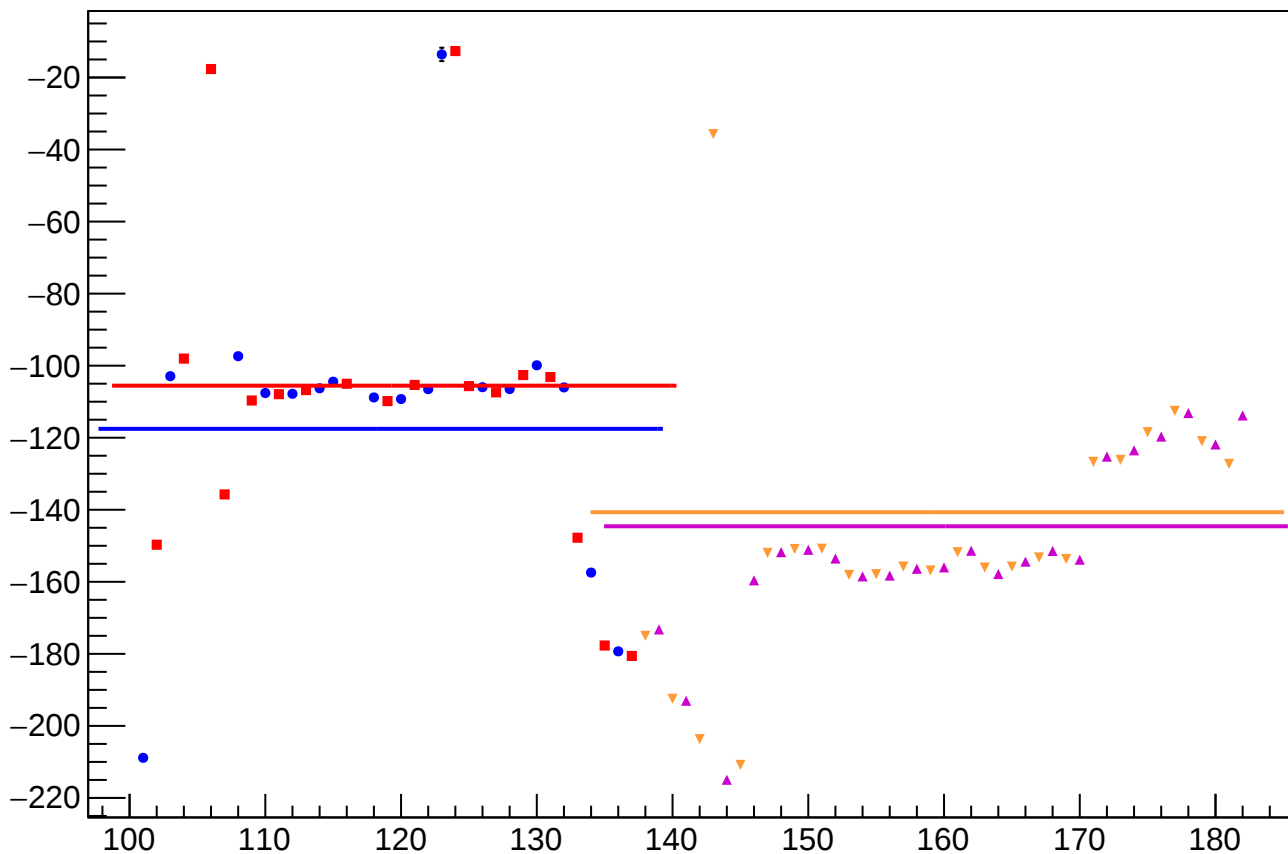
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 53.571 $\pm$ 0.783 χ^2 /NDF: 1044.4/38

Out: 49.926 $\pm$ 0.774 χ^2 /NDF: 1286.8/40

All: 51.727 $\pm$ 0.551 χ^2 /NDF: 2342.2/79

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -140.680 ± 0.048 $\chi^2/\text{NDF}: 534677.3/22$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -144.589 ± 0.047 $\chi^2/\text{NDF}: 250141.4/21$

Left: -142.673 ± 0.033 $\chi^2/\text{NDF}: 788260.2/44$

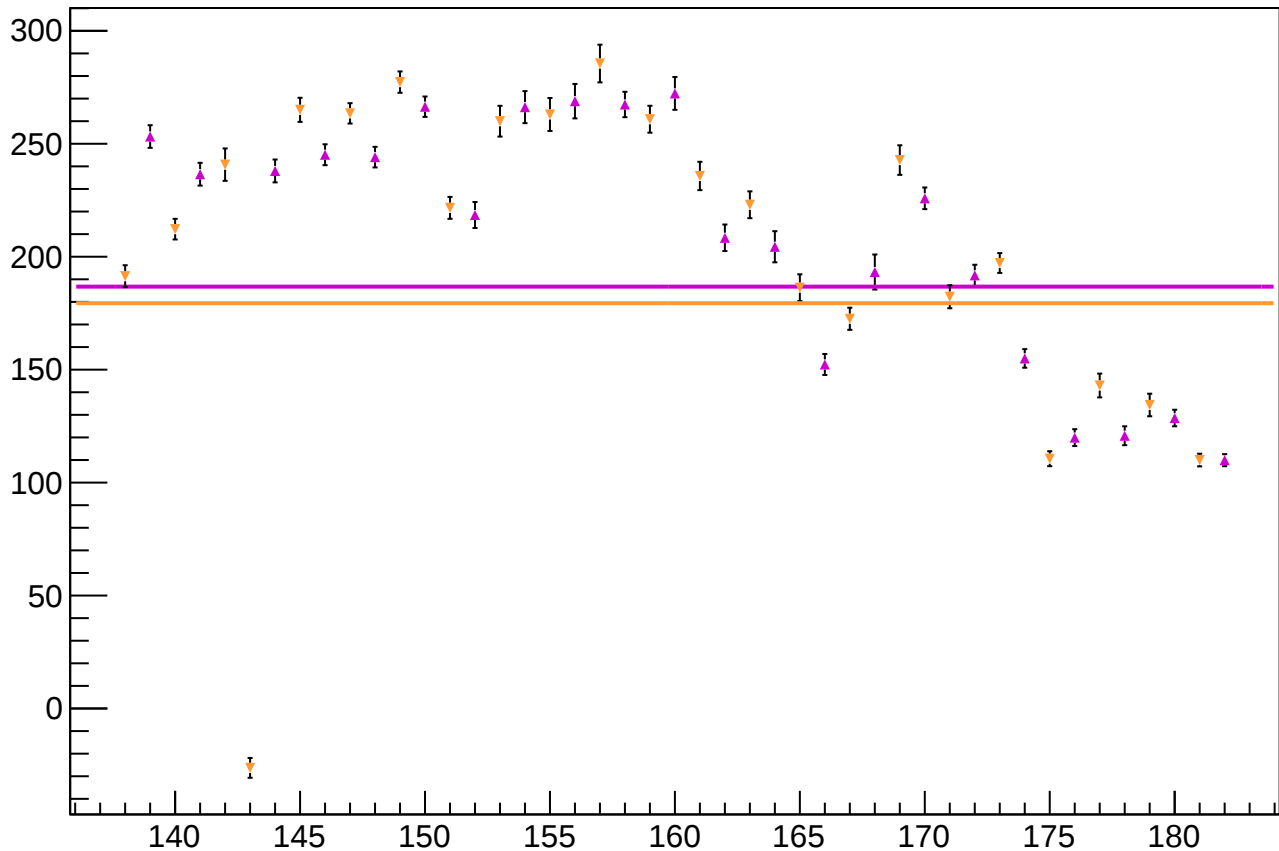
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -137.478 ± 0.040 $\chi^2/\text{NDF}: 480591.3/38$

Out: -130.184 ± 0.040 $\chi^2/\text{NDF}: 1015012.3/40$

All: -133.811 ± 0.028 $\chi^2/\text{NDF}: 1512277.4/79$

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: 179.426+/-1.027 χ^2/NDF :5469.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Left: 183.165+/-0.719 χ^2/NDF : 8972.8/44

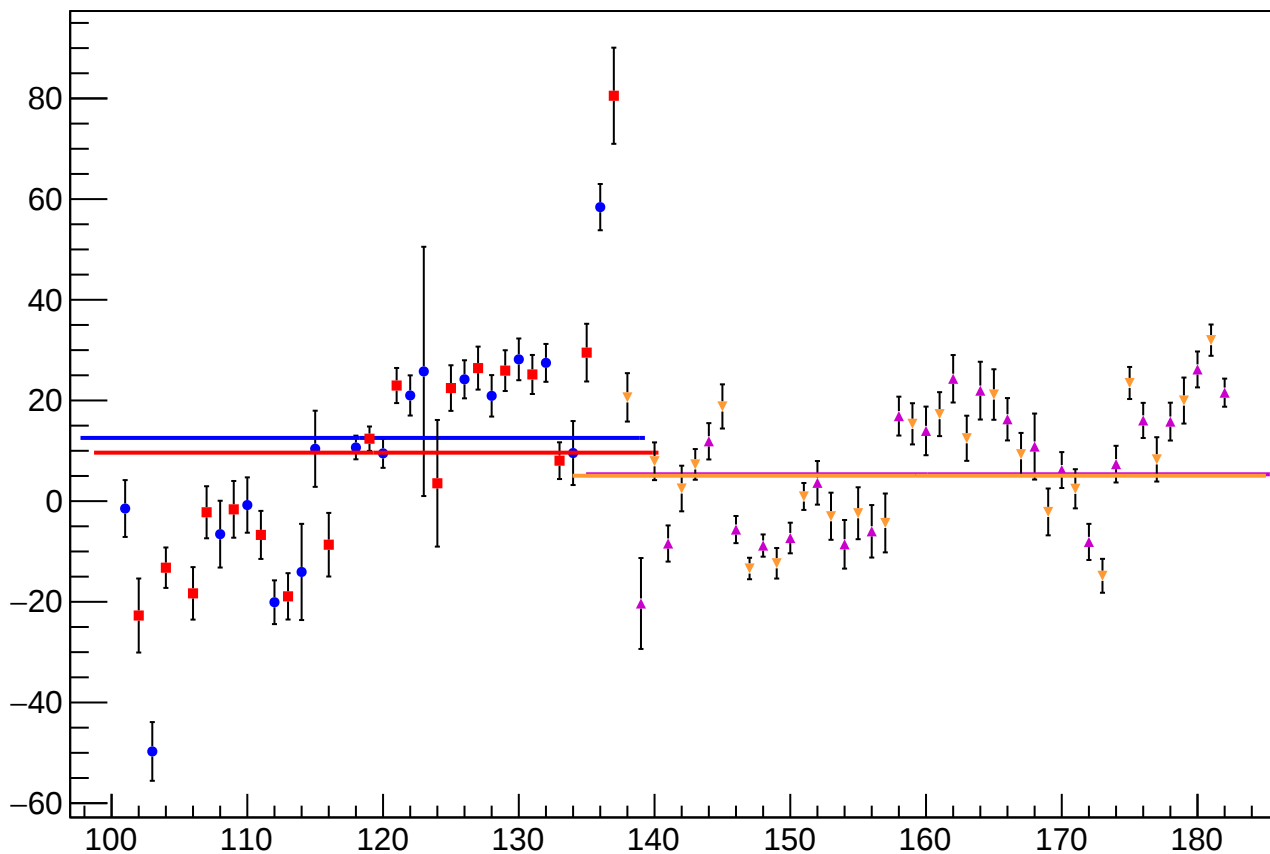
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Out: 179.426+/-1.027 χ^2/NDF :5469.6/22

All: 183.165+/-0.719 χ^2/NDF : 8972.8/44

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 5.048 $\pm$ 0.775 χ^2 /NDF:325.1/22

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: 5.331 $\pm$ 0.789 χ^2 /NDF:257.6/21

Left: 5.187 $\pm$ 0.553 χ^2 /NDF: 582.8/44

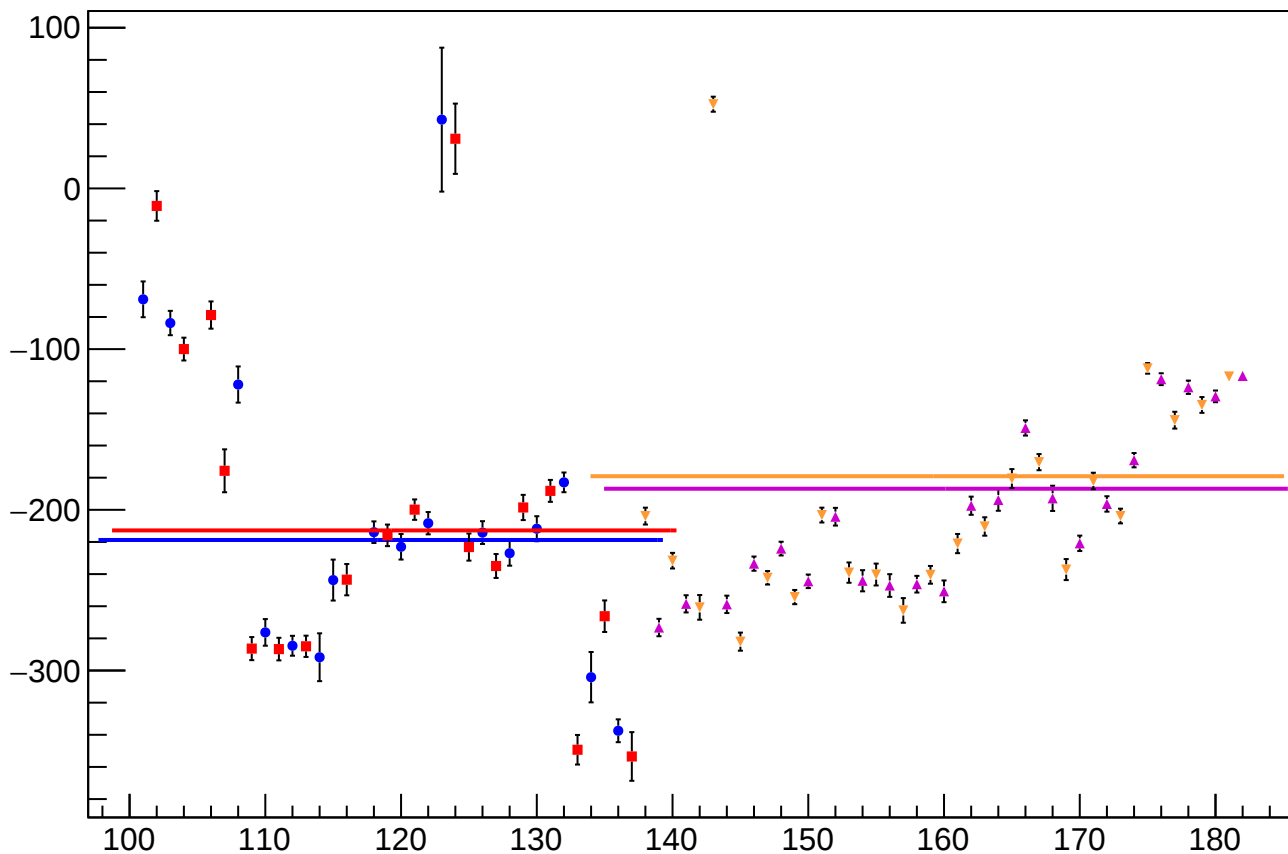
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 7.916 $\pm$ 0.632 χ^2 /NDF:636.2/38

Out: 6.667 $\pm$ 0.624 χ^2 /NDF:624.9/40

All: 7.283 $\pm$ 0.444 χ^2 /NDF: 1263.1/79

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -179.090 ± 1.028 $\chi^2/\text{NDF}: 5157.7/22$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -186.880 ± 1.006 $\chi^2/\text{NDF}: 2963.6/21$

Left: -183.072 ± 0.719 $\chi^2/\text{NDF}: 8150.6/44$

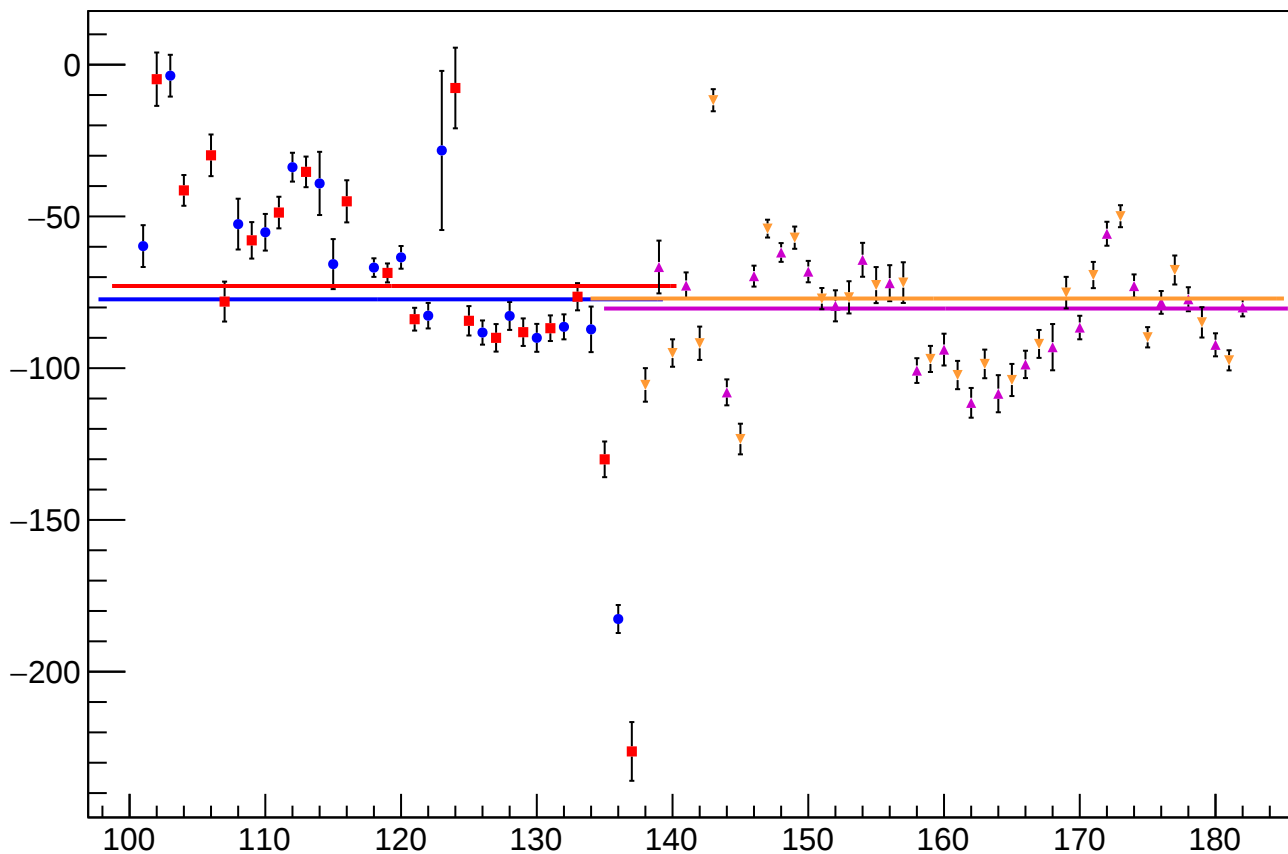
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -193.263 ± 0.899 $\chi^2/\text{NDF}: 4309.3/38$

Out: -186.569 ± 0.907 $\chi^2/\text{NDF}: 7220.8/40$

All: -189.945 ± 0.639 $\chi^2/\text{NDF}: 11557.5/79$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -77.049 ± 0.895 χ^2/NDF : 773.8/22

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -80.350 ± 0.899 χ^2/NDF : 283.4/21

Left: -78.693 ± 0.635 χ^2/NDF : 1064.0/44

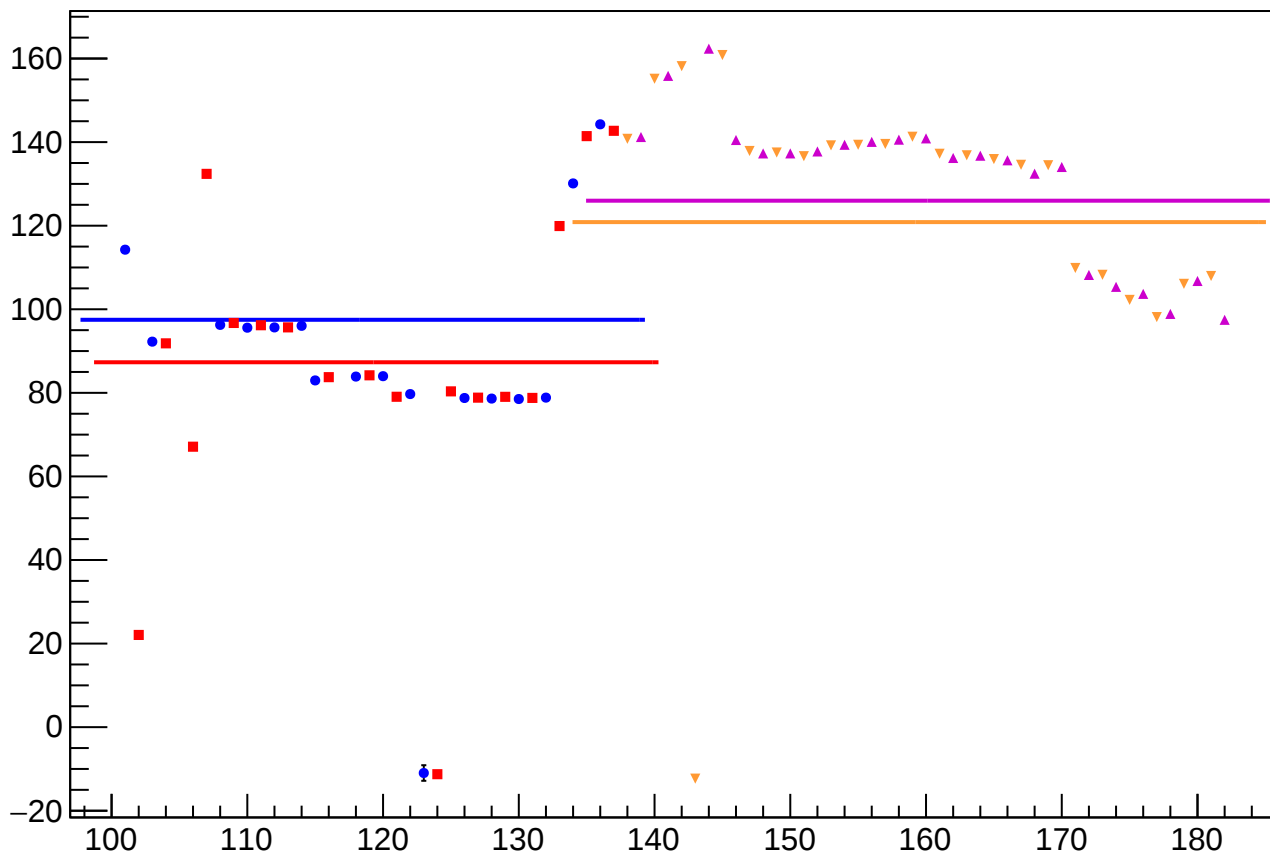
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.285 ± 0.724 χ^2/NDF : 1105.1/38

Out: -75.585 ± 0.719 χ^2/NDF : 1442.2/40

All: -77.422 ± 0.510 χ^2/NDF : 2560.4/79

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 $\pm$ 0.073 χ^2/NDF : 94392.9/16

Left Out: 120.859 $\pm$ 0.043 χ^2/NDF : 700857.8/22

Right Out: 87.318 $\pm$ 0.068 χ^2/NDF : 221863.6/17

Left In: 125.980 $\pm$ 0.042 χ^2/NDF : 209370.0/21

Left: 123.476 $\pm$ 0.030 χ^2/NDF : 917570.4/44

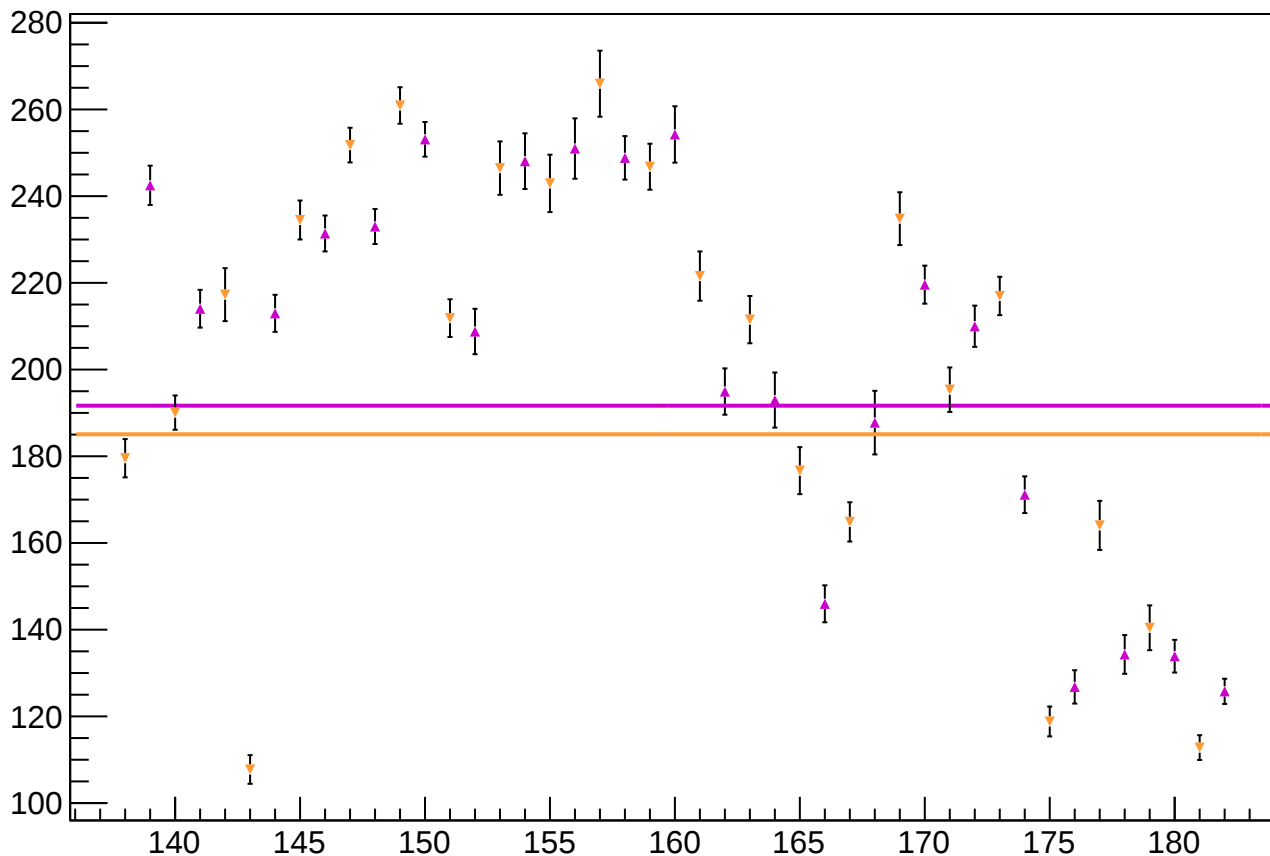
Right: 92.040 $\pm$ 0.050 χ^2/NDF : 326534.9/34

In: 118.998 $\pm$ 0.036 χ^2/NDF : 417672.8/38

Out: 111.434 $\pm$ 0.036 χ^2/NDF : 1095913.3/40

All: 115.207 $\pm$ 0.026 χ^2/NDF : 1535332.3/79

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 185.072+/-0.955 χ^2/NDF :3072.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 191.671+/-0.964 χ^2/NDF :2387.4/21

Left: 188.340+/-0.679 χ^2/NDF : 5483.9/44

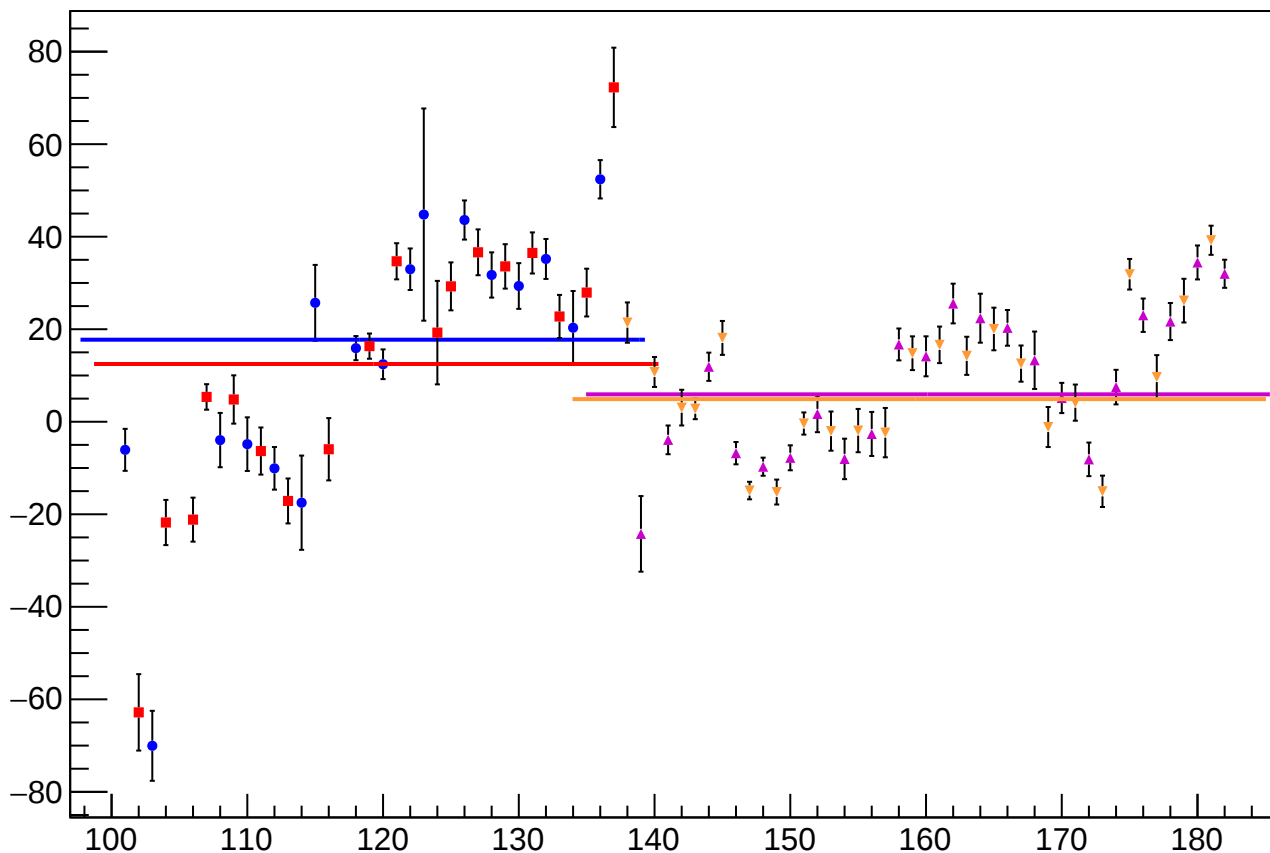
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 191.671+/-0.964 χ^2/NDF :2387.4/21

Out: 185.072+/-0.955 χ^2/NDF :3072.8/22

All: 188.340+/-0.679 χ^2/NDF : 5483.9/44

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: 4.893 ± 0.706 χ^2/NDF : 487.0/22

Right Out: 12.484 ± 1.085 χ^2/NDF : 429.2/17

Left In: 5.925 ± 0.737 χ^2/NDF : 405.7/21

Left: 5.387 ± 0.510 χ^2/NDF : 893.8/44

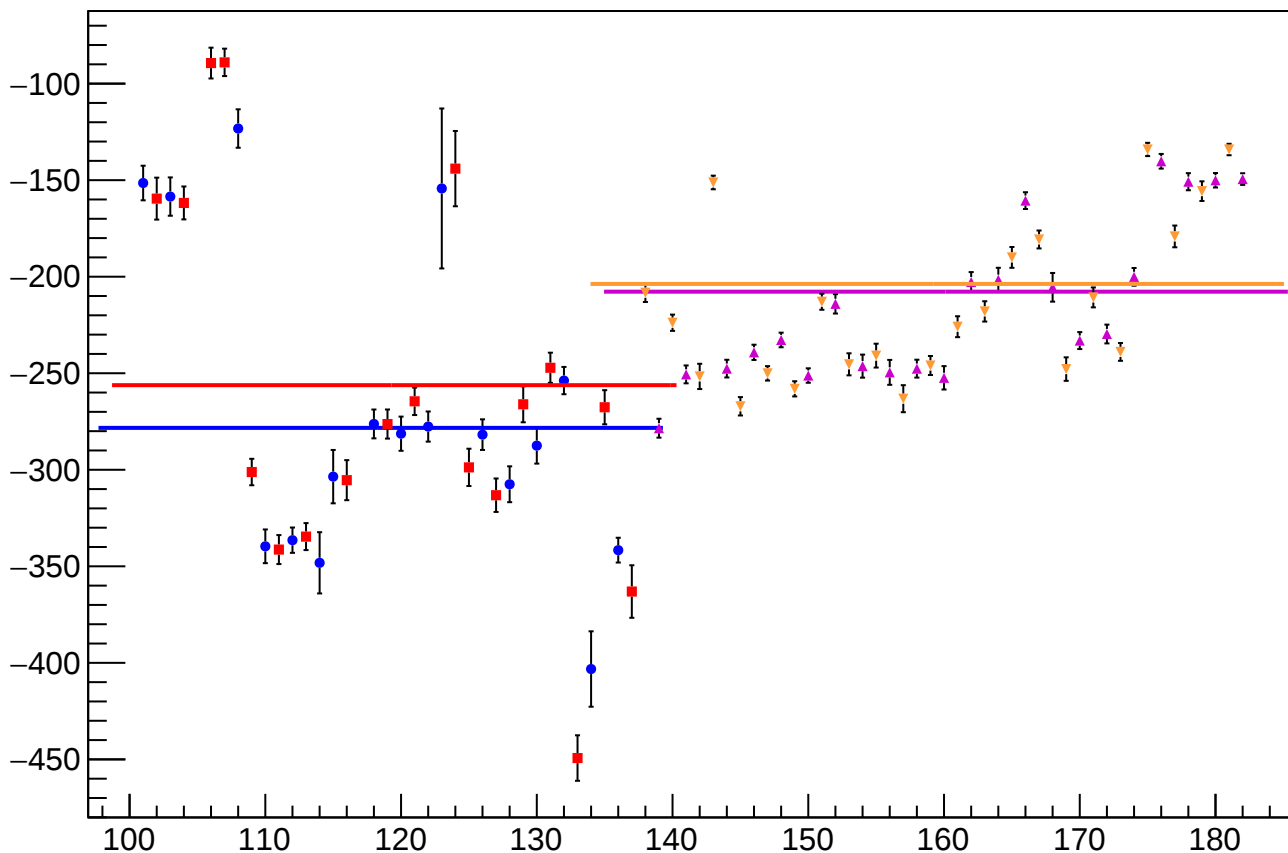
Right: 14.961 ± 0.789 χ^2/NDF : 834.2/34

In: 9.371 ± 0.620 χ^2/NDF : 874.6/38

Out: 7.150 ± 0.592 χ^2/NDF : 950.6/40

All: 8.208 ± 0.428 χ^2/NDF : 1831.9/79

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: -203.744 ± 0.957 χ^2/NDF : 2298.7/22

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -207.760 ± 0.960 χ^2/NDF : 2093.0/21

Left: -205.745 ± 0.678 χ^2/NDF : 4400.4/44

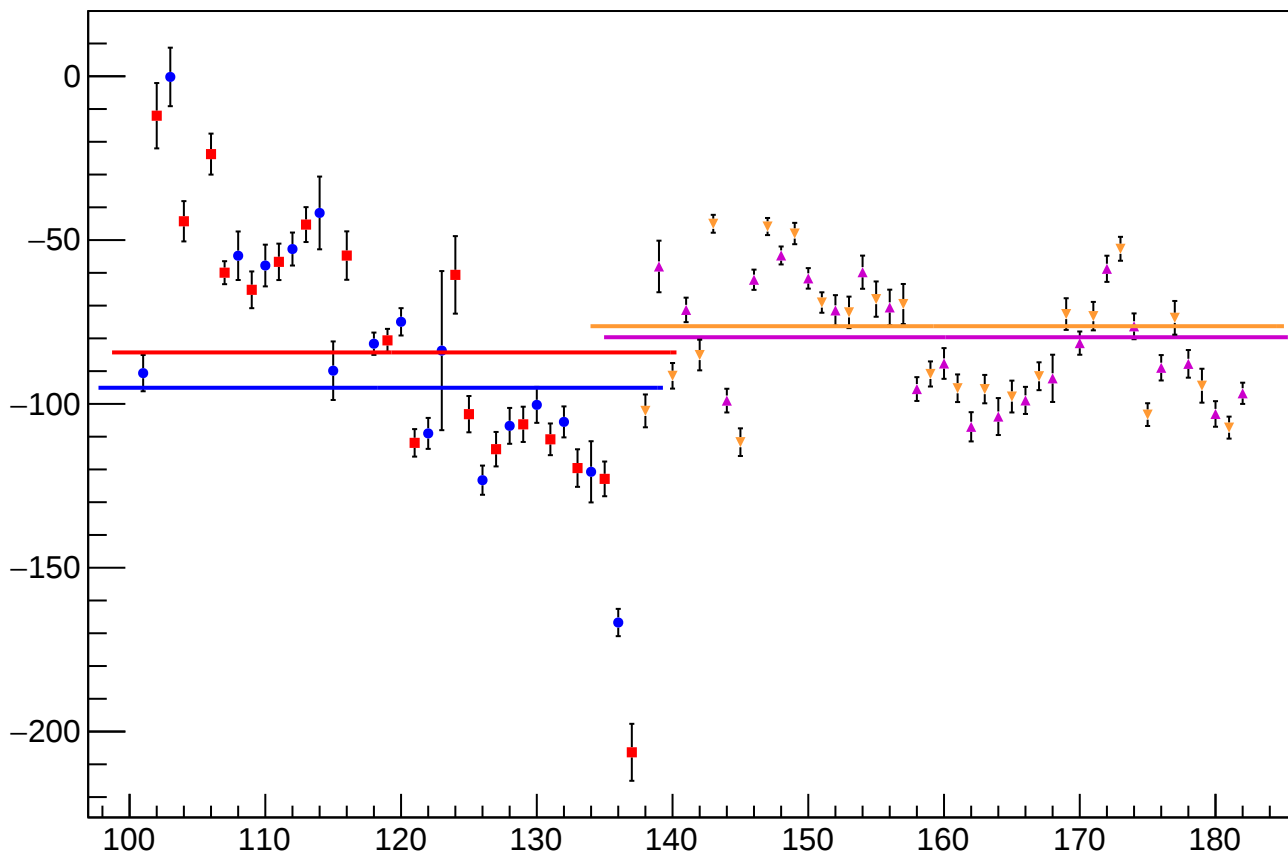
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -219.288 ± 0.878 χ^2/NDF : 3885.0/38

Out: -213.315 ± 0.865 χ^2/NDF : 4799.0/40

All: -216.257 ± 0.616 χ^2/NDF : 8707.5/79

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074+/-1.325 χ^2/NDF : 673.2/16

Left Out: -76.285+/-0.821 χ^2/NDF : 754.9/22

Right Out: -84.290+/-1.258 χ^2/NDF : 768.8/17

Left In: -79.650+/-0.847 χ^2/NDF : 414.9/21

Left: -77.916+/-0.590 χ^2/NDF : 1177.9/44

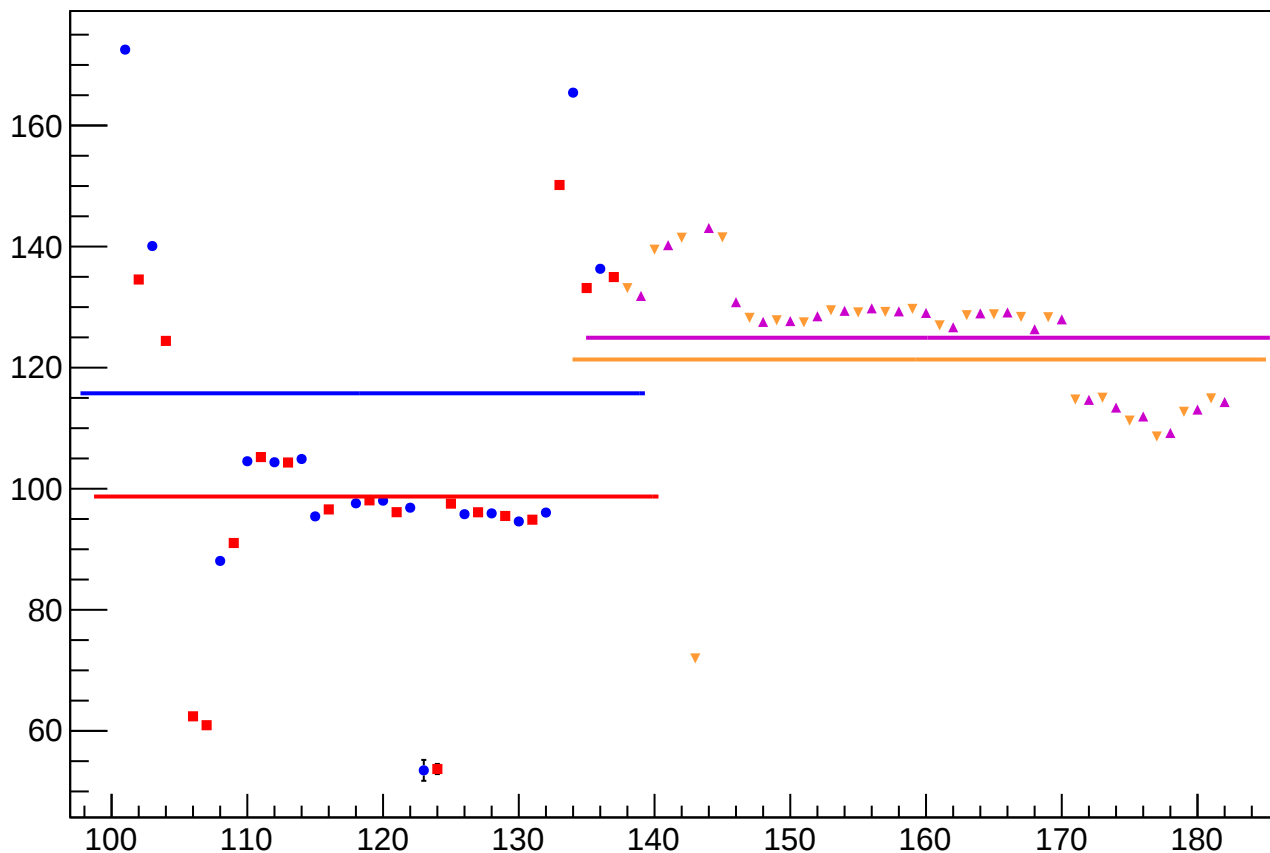
Right: -89.402+/-0.913 χ^2/NDF : 1476.8/34

In: -84.122+/-0.714 χ^2/NDF : 1184.2/38

Out: -78.677+/-0.688 χ^2/NDF : 1552.1/40

All: -81.299+/-0.495 χ^2/NDF : 2766.5/79

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: 121.349 $\pm$ 0.040 χ^2 /NDF: 180730.5/22

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 124.941 $\pm$ 0.040 χ^2 /NDF: 50454.6/21

Left: 123.143 $\pm$ 0.028 χ^2 /NDF: 235307.2/44

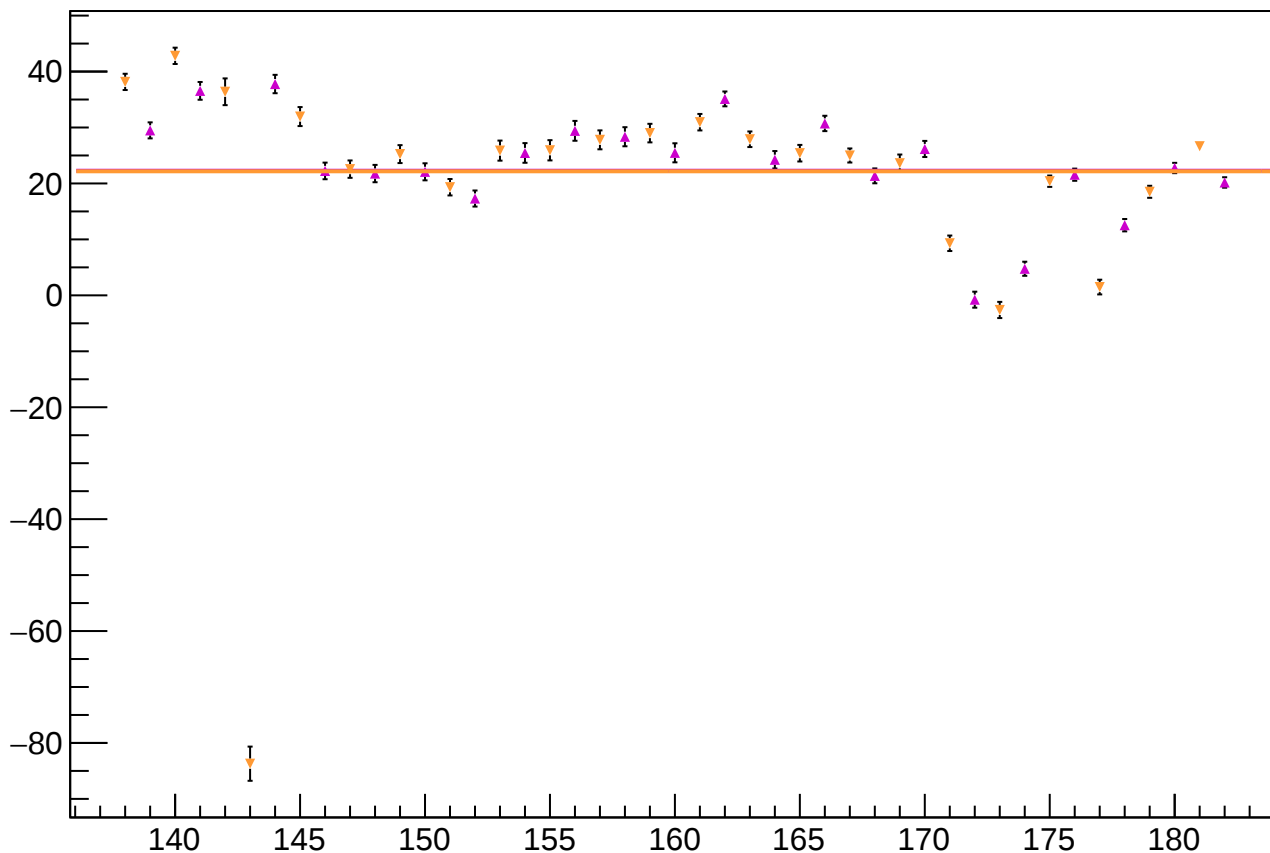
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 123.065 $\pm$ 0.035 χ^2 /NDF: 167744.2/38

Out: 115.716 $\pm$ 0.034 χ^2 /NDF: 432439.3/40

All: 119.282 $\pm$ 0.025 χ^2 /NDF: 622484.1/79

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 22.174 $\pm$ 0.296 χ^2 /NDF:2366.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 22.268 $\pm$ 0.288 χ^2 /NDF:921.0/21

Left: 22.223 $\pm$ 0.207 χ^2 /NDF: 3287.8/44

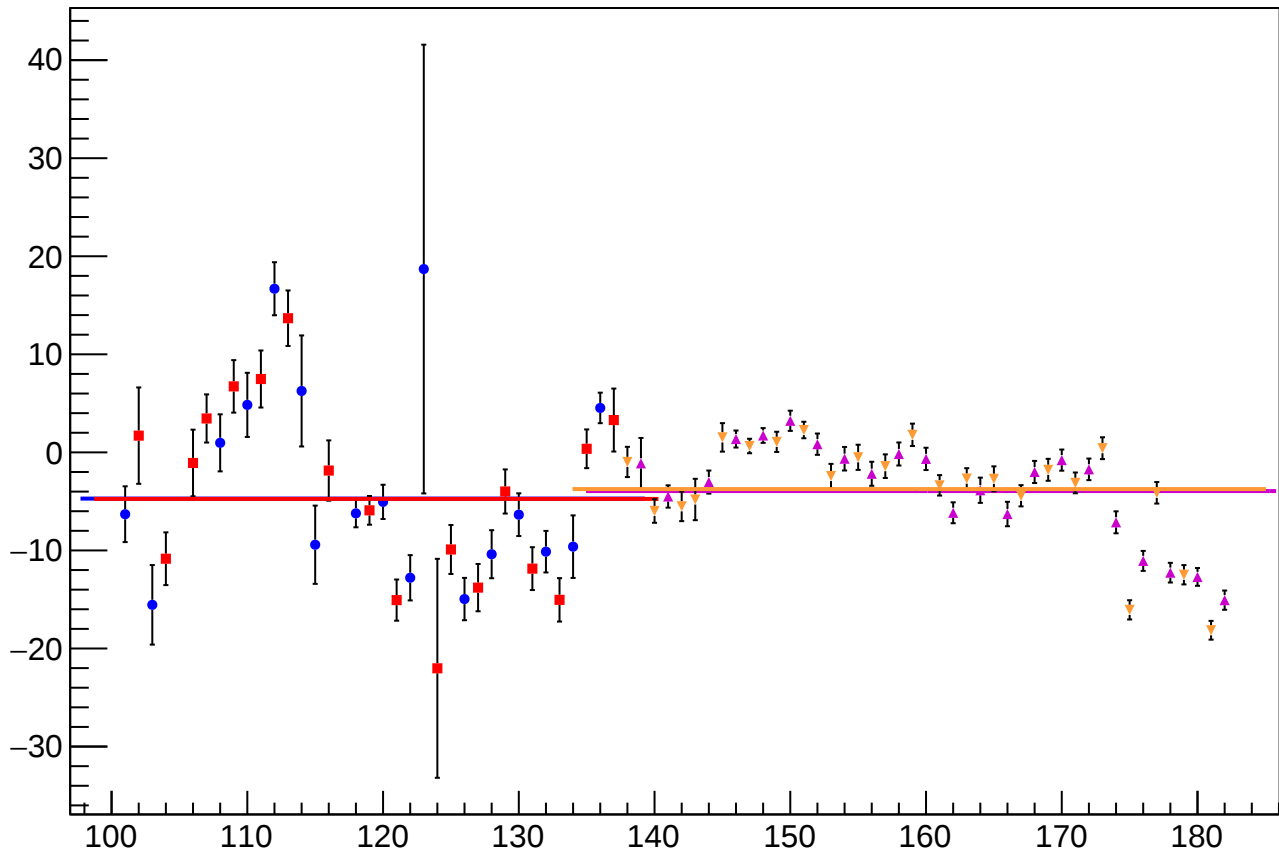
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 22.268 $\pm$ 0.288 χ^2 /NDF:921.0/21

Out: 22.174 $\pm$ 0.296 χ^2 /NDF:2366.8/22

All: 22.223 $\pm$ 0.207 χ^2 /NDF: 3287.8/44

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 $\pm$ 0.581 χ^2 /NDF: 174.7/16

Left Out: -3.743 $\pm$ 0.230 χ^2 /NDF:646.8/22

Right Out: -4.745 $\pm$ 0.585 χ^2 /NDF: 189.3/17

Left In: -3.946 $\pm$ 0.229 χ^2 /NDF:563.4/21

Left: -3.845 $\pm$ 0.162 χ^2 /NDF: 1210.6/44

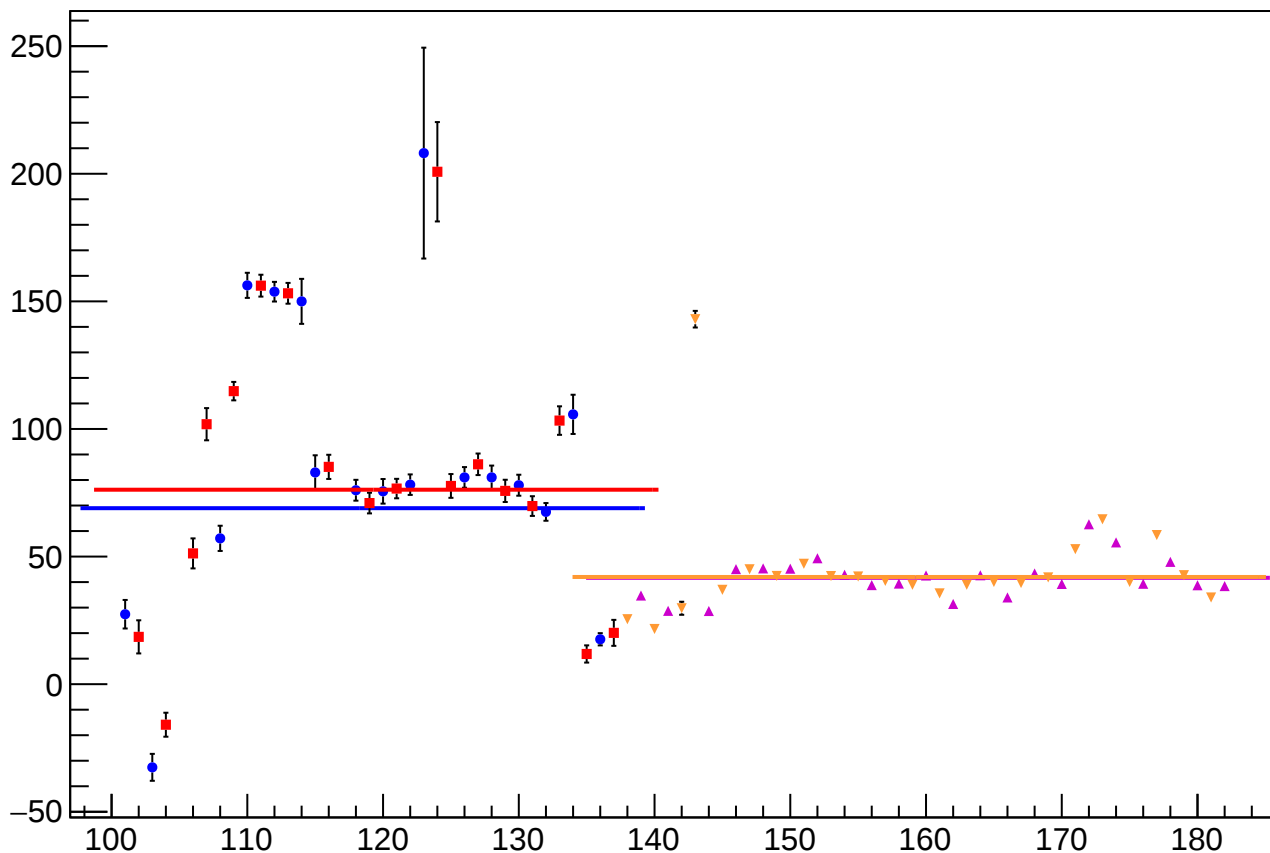
Right: -4.729 $\pm$ 0.412 χ^2 /NDF: 364.0/34

In: -4.050 $\pm$ 0.213 χ^2 /NDF:739.6/38

Out: -3.877 $\pm$ 0.214 χ^2 /NDF:838.7/40

All: -3.963 $\pm$ 0.151 χ^2 /NDF: 1578.6/79

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.007 ± 0.294 $\chi^2/\text{NDF}: 1855.7/22$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.676 ± 0.287 $\chi^2/\text{NDF}: 656.5/21$

Left: 41.837 ± 0.205 $\chi^2/\text{NDF}: 2512.9/44$

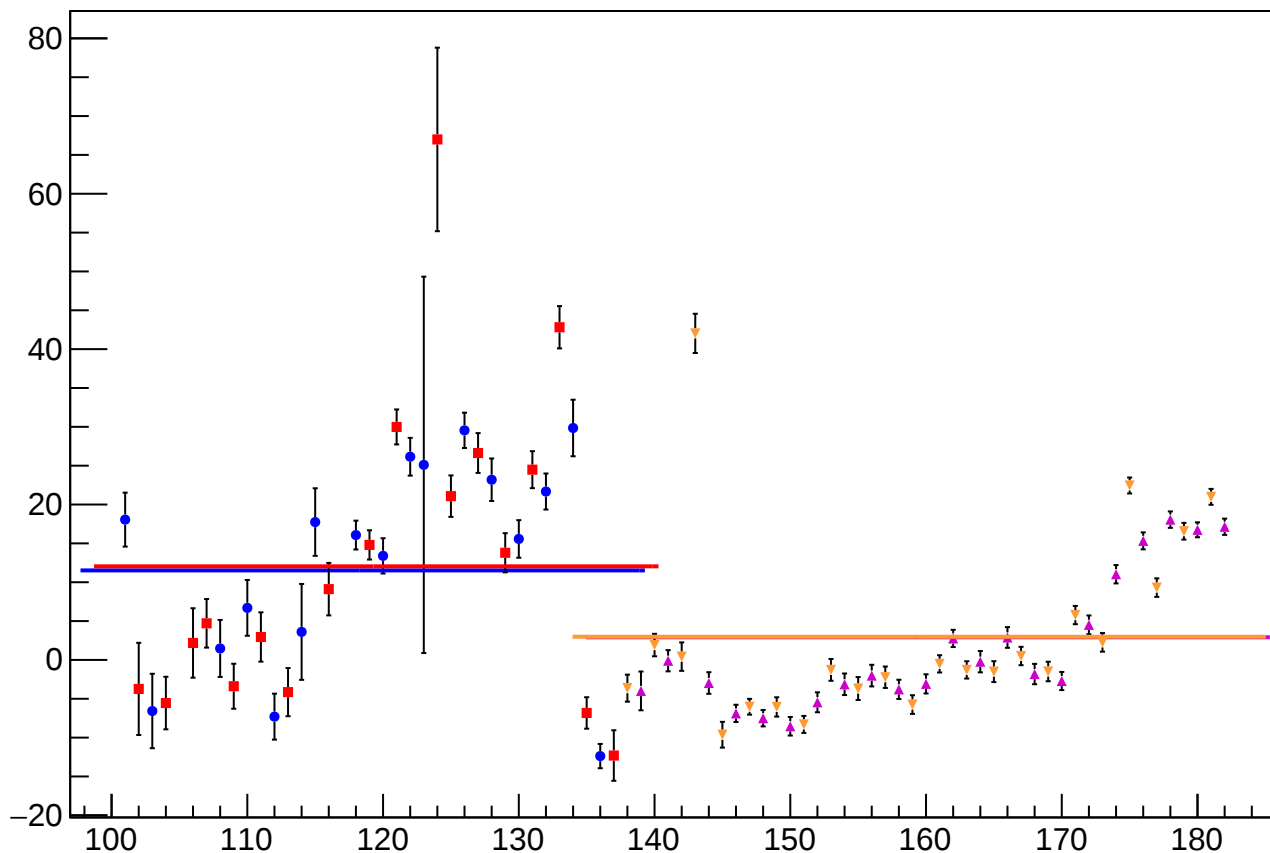
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.474 ± 0.277 $\chi^2/\text{NDF}: 3097.9/38$

Out: 44.410 ± 0.284 $\chi^2/\text{NDF}: 4684.3/40$

All: 43.931 ± 0.198 $\chi^2/\text{NDF}: 7787.8/79$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: 2.983 $\pm$ 0.261 χ^2 /NDF:1563.7/22

Right Out: 12.046 $\pm$ 0.665 χ^2 /NDF: 538.7/17

Left In: 2.914 $\pm$ 0.259 χ^2 /NDF:1242.0/21

Left: 2.948 $\pm$ 0.184 χ^2 /NDF: 2805.7/44

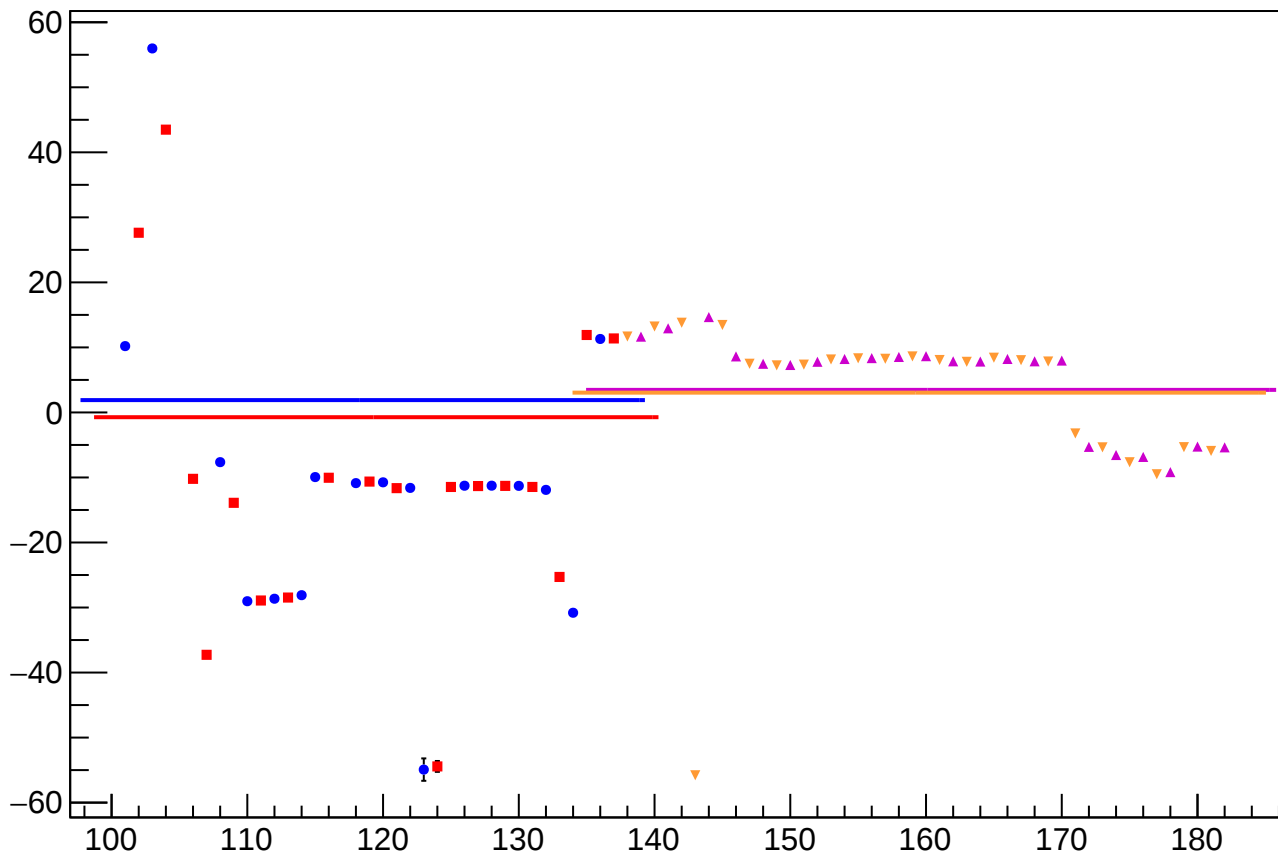
Right: 11.782 $\pm$ 0.468 χ^2 /NDF: 1016.2/34

In: 4.061 $\pm$ 0.241 χ^2 /NDF:1866.6/38

Out: 4.194 $\pm$ 0.243 χ^2 /NDF:2263.6/40

All: 4.127 $\pm$ 0.171 χ^2 /NDF: 4130.3/79

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 3.044+/-0.012 χ^2/NDF : 582103.7/22

Right Out: -0.733+/-0.037 χ^2/NDF : 359934.4/17

Left In: 3.470+/-0.012 χ^2/NDF : 397454.5/21

Left: 3.262+/-0.008 χ^2/NDF : 980200.6/44

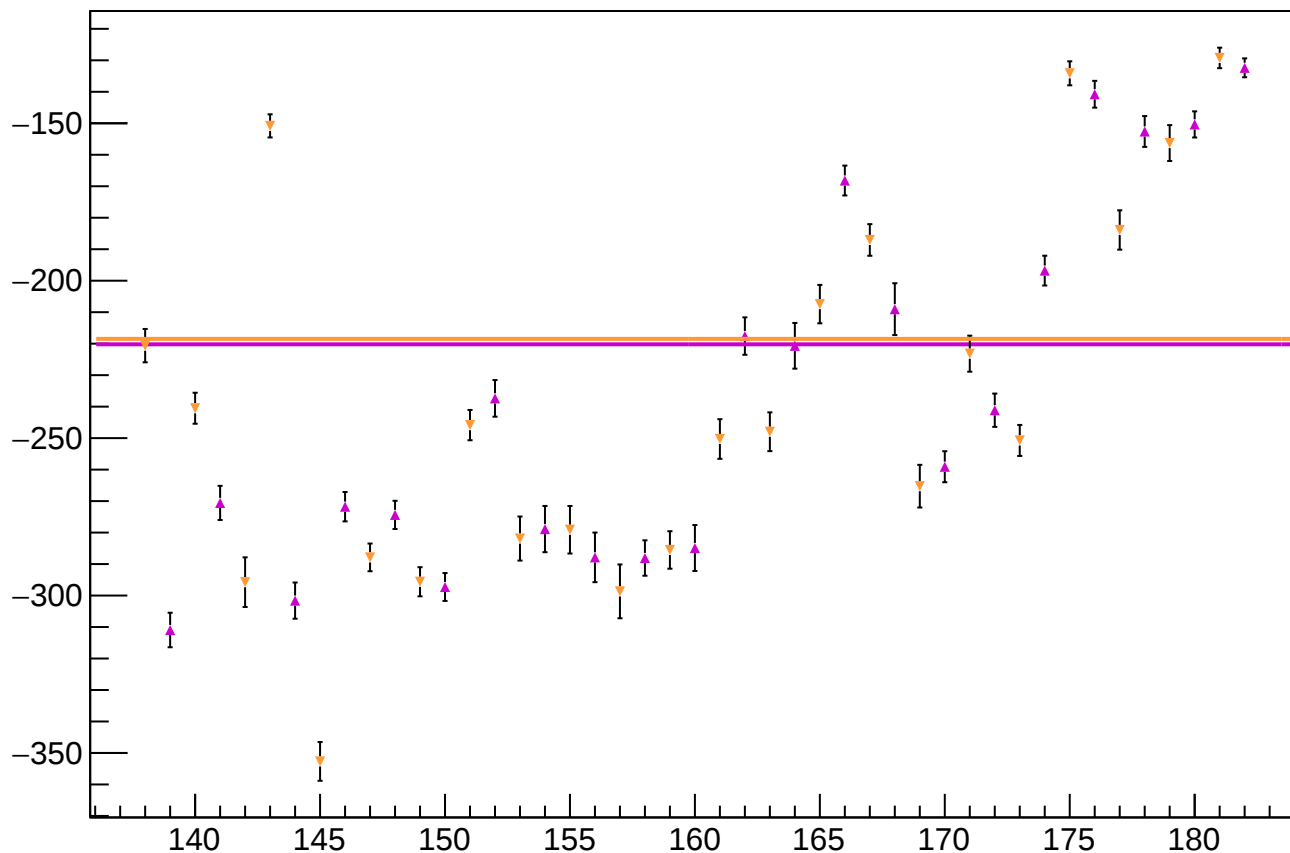
Right: 0.584+/-0.026 χ^2/NDF : 721303.3/34

In: 3.326+/-0.011 χ^2/NDF : 757950.8/38

Out: 2.685+/-0.011 χ^2/NDF : 951409.7/40

All: 3.013+/-0.008 χ^2/NDF : 1710967.3/79

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -218.471+/-1.087 χ^2/NDF :3425.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -220.206+/-1.083 χ^2/NDF :3405.9/21

Left: -219.342+/-0.767 χ^2/NDF : 6833.0/44

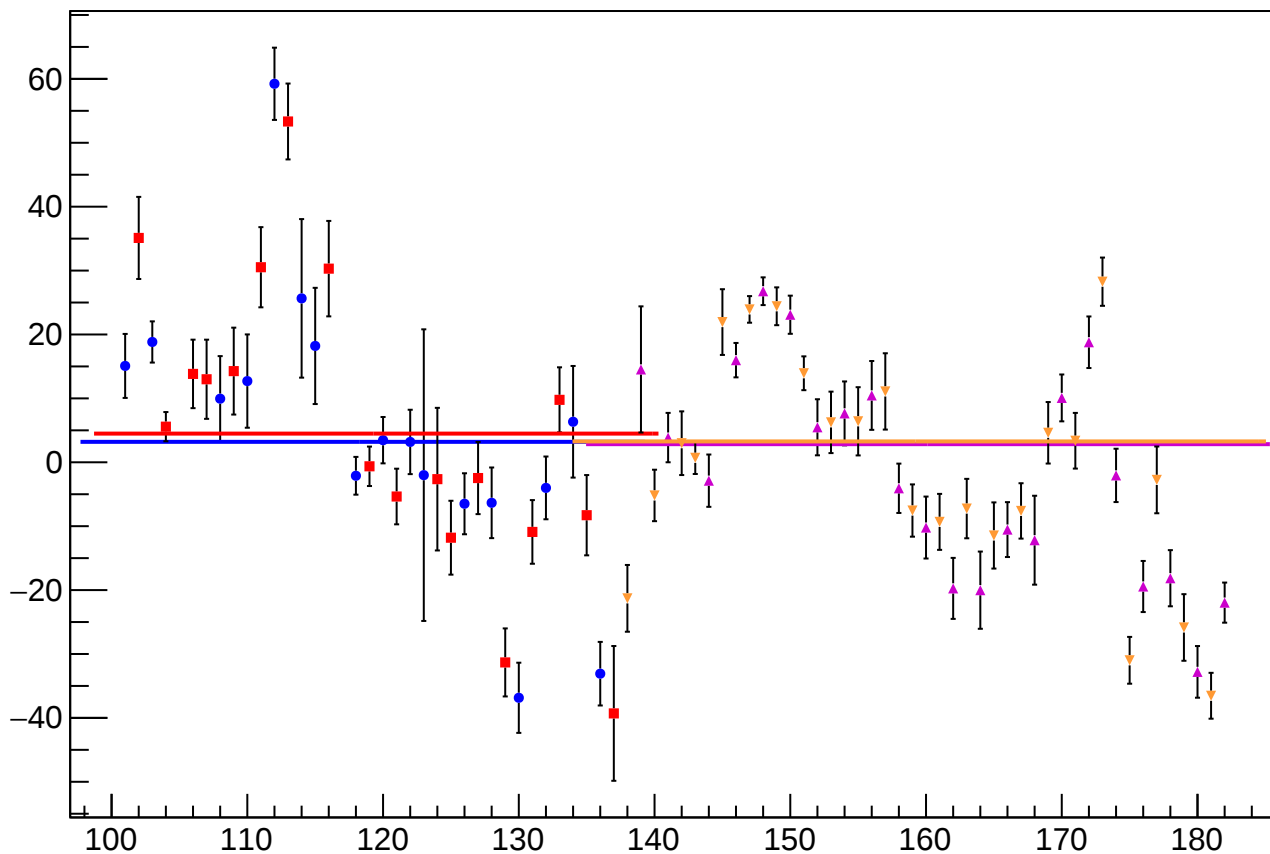
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.206+/-1.083 χ^2/NDF :3405.9/21

Out: -218.471+/-1.087 χ^2/NDF :3425.8/22

All: -219.342+/-0.767 χ^2/NDF : 6833.0/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 3.265 ± 0.799 χ^2/NDF : 530.5/22

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 2.835 ± 0.830 χ^2/NDF : 474.5/21

Left: 3.058 ± 0.576 χ^2/NDF : 1005.2/44

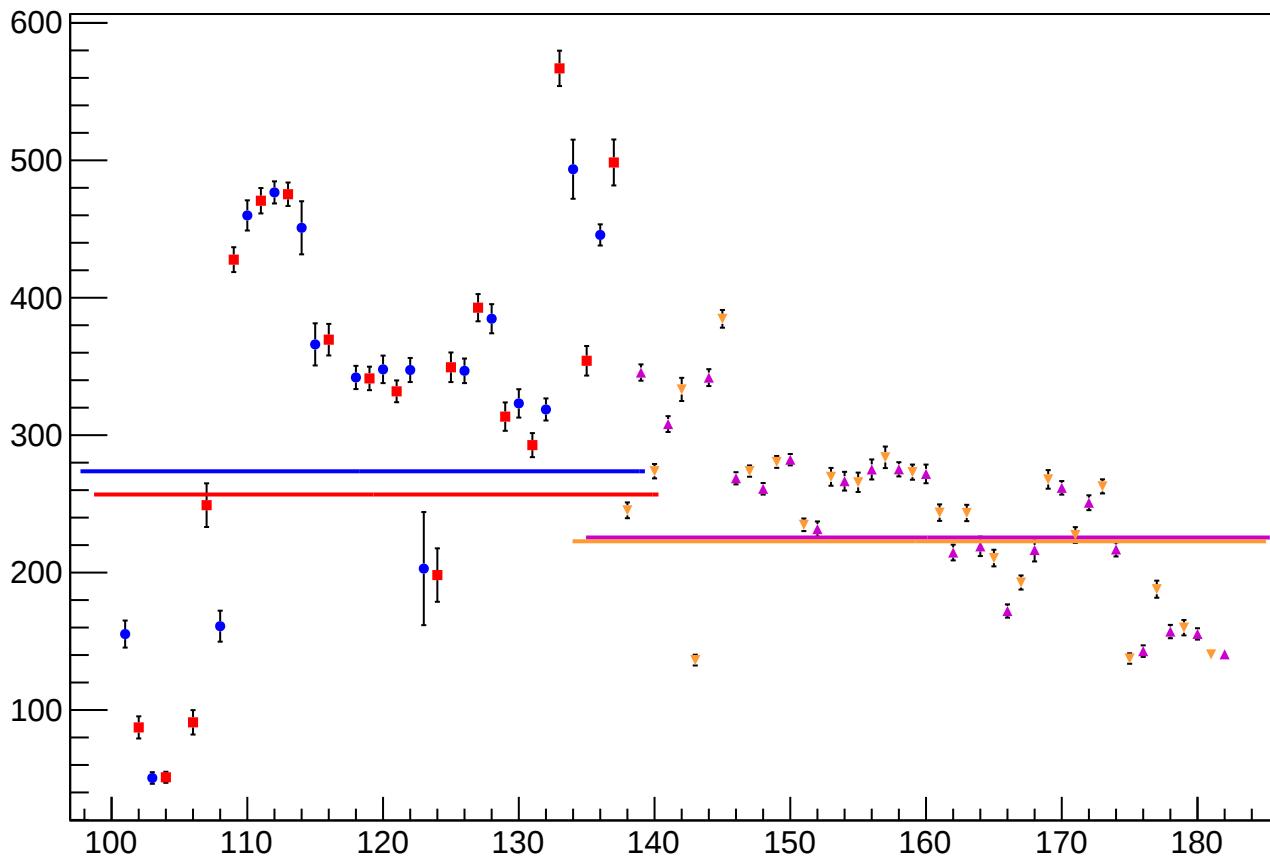
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 2.949 ± 0.687 χ^2/NDF : 729.8/38

Out: 3.660 ± 0.658 χ^2/NDF : 753.0/40

All: 3.320 ± 0.475 χ^2/NDF : 1483.4/79

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 222.781 $\pm$ 1.085 χ^2 /NDF:3390.3/22

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 225.531 $\pm$ 1.076 χ^2 /NDF:3368.8/21

Left: 224.167 $\pm$ 0.764 χ^2 /NDF: 6762.4/44

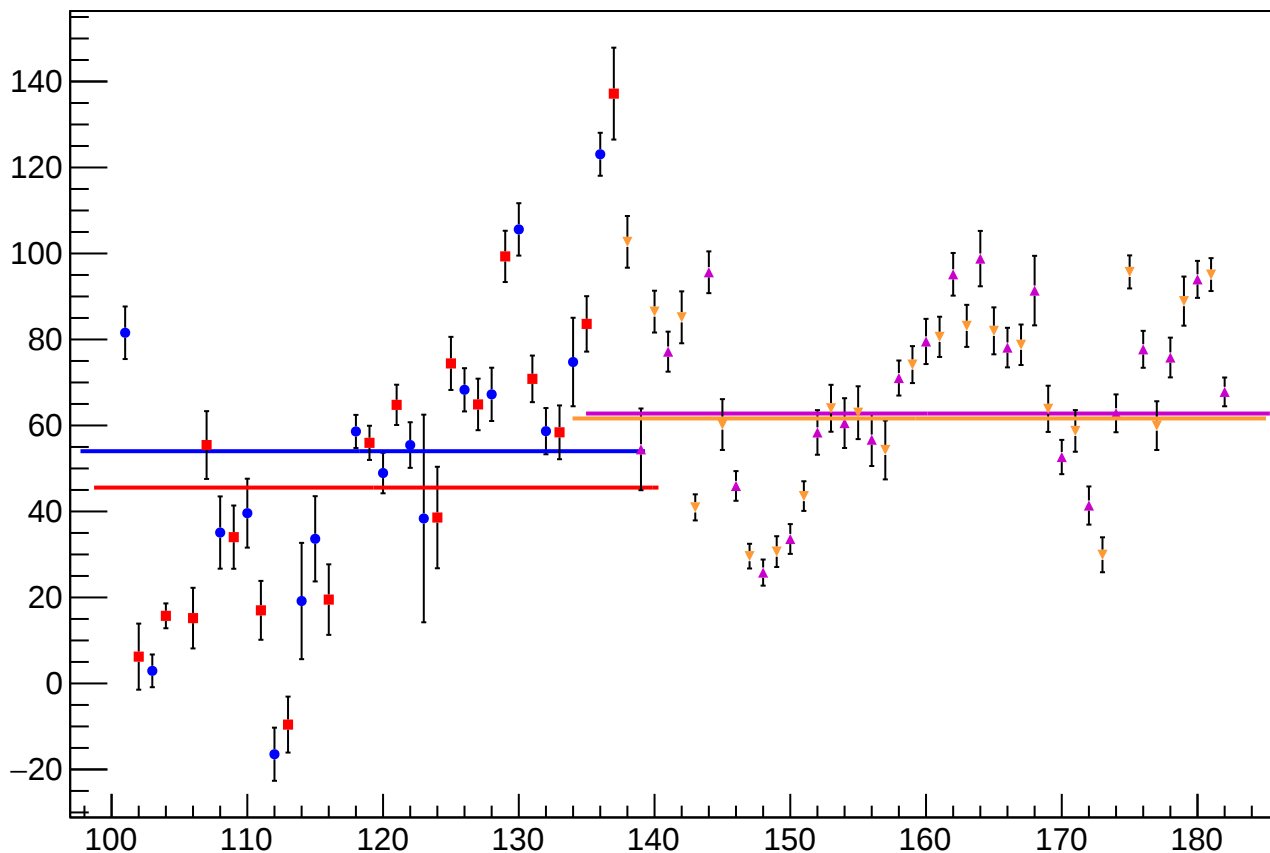
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 234.875 $\pm$ 0.966 χ^2 /NDF:8860.8/38

Out: 230.048 $\pm$ 0.963 χ^2 /NDF:10012.1/40

All: 232.452 $\pm$ 0.682 χ^2 /NDF: 18885.4/79

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 61.627 $\pm$ 0.930 χ^2 /NDF:673.4/22

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 62.775 $\pm$ 0.952 χ^2 /NDF:517.5/21

Left: 62.188 $\pm$ 0.665 χ^2 /NDF: 1191.6/44

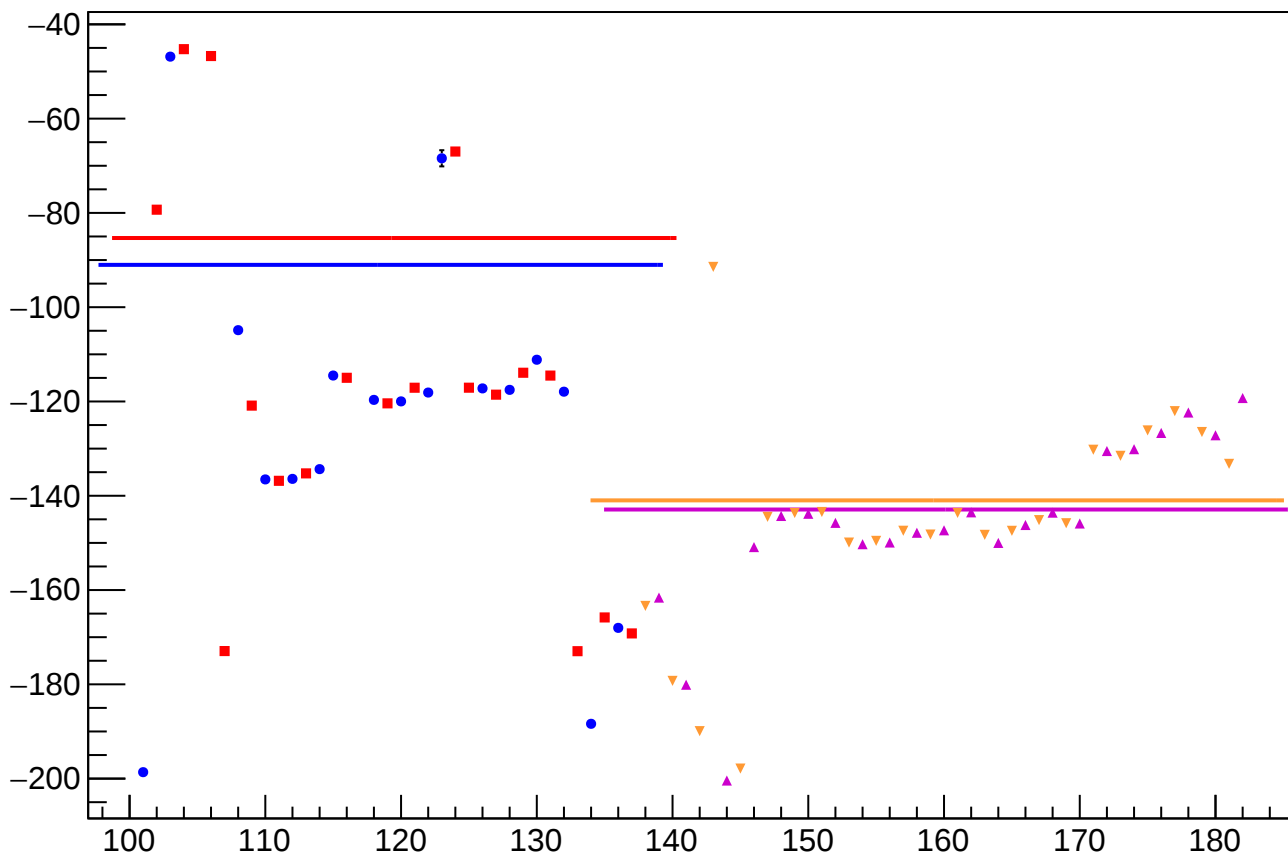
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 60.066 $\pm$ 0.792 χ^2 /NDF:1176.5/38

Out: 56.495 $\pm$ 0.768 χ^2 /NDF:1295.3/40

All: 58.225 $\pm$ 0.551 χ^2 /NDF: 2482.4/79

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -140.978 $\pm$ 0.045 χ^2 /NDF: 237265.5/22

Right Out: -85.325 $\pm$ 0.065 χ^2 /NDF: 483106.3/17

Left In: -142.919 $\pm$ 0.045 χ^2 /NDF: 138576.7/21

Left: -141.956 $\pm$ 0.032 χ^2 /NDF: 376782.7/44

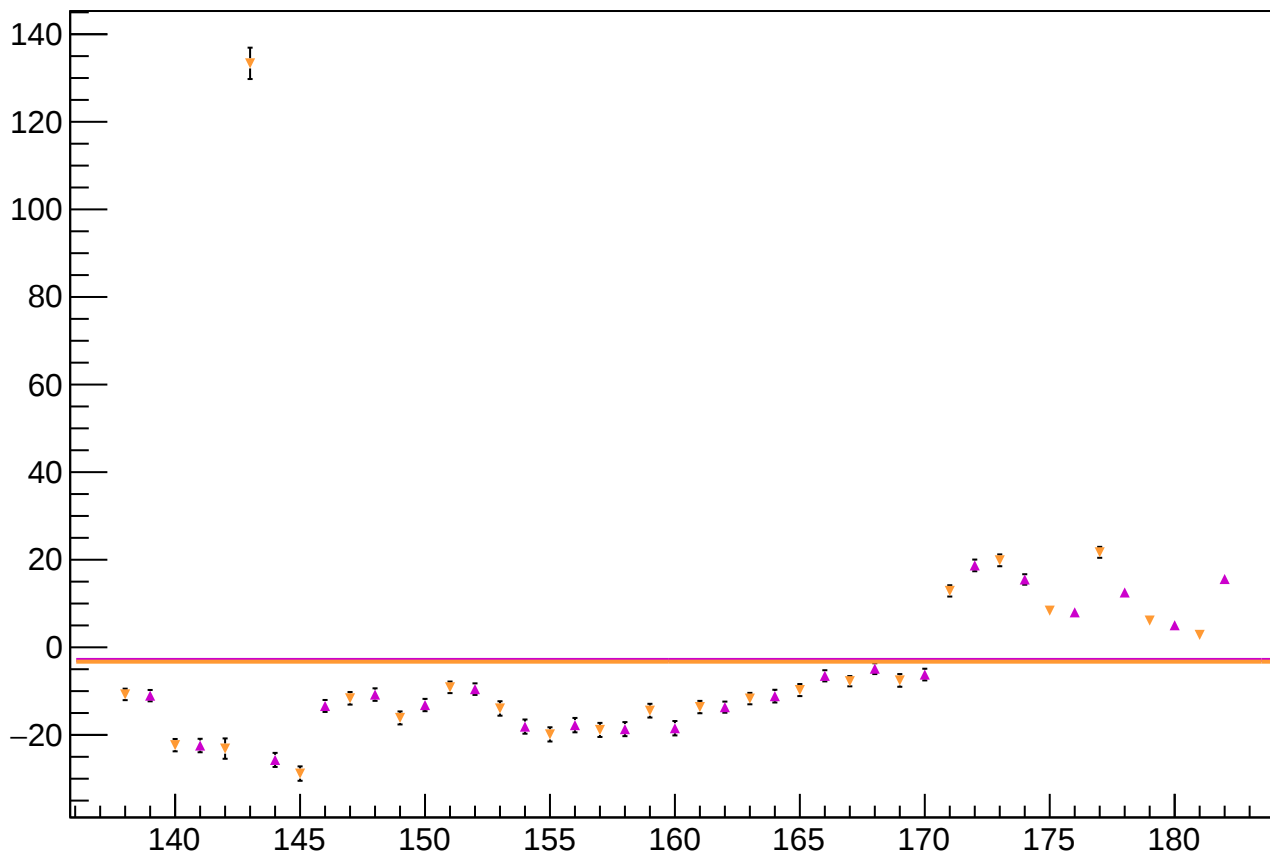
Right: -88.069 $\pm$ 0.047 χ^2 /NDF: 1021045.4/34

In: -127.193 $\pm$ 0.037 χ^2 /NDF: 1083843.8/38

Out: -123.060 $\pm$ 0.037 χ^2 /NDF: 1214956.3/40

All: -125.113 $\pm$ 0.026 χ^2 /NDF: 2305008.8/79

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected

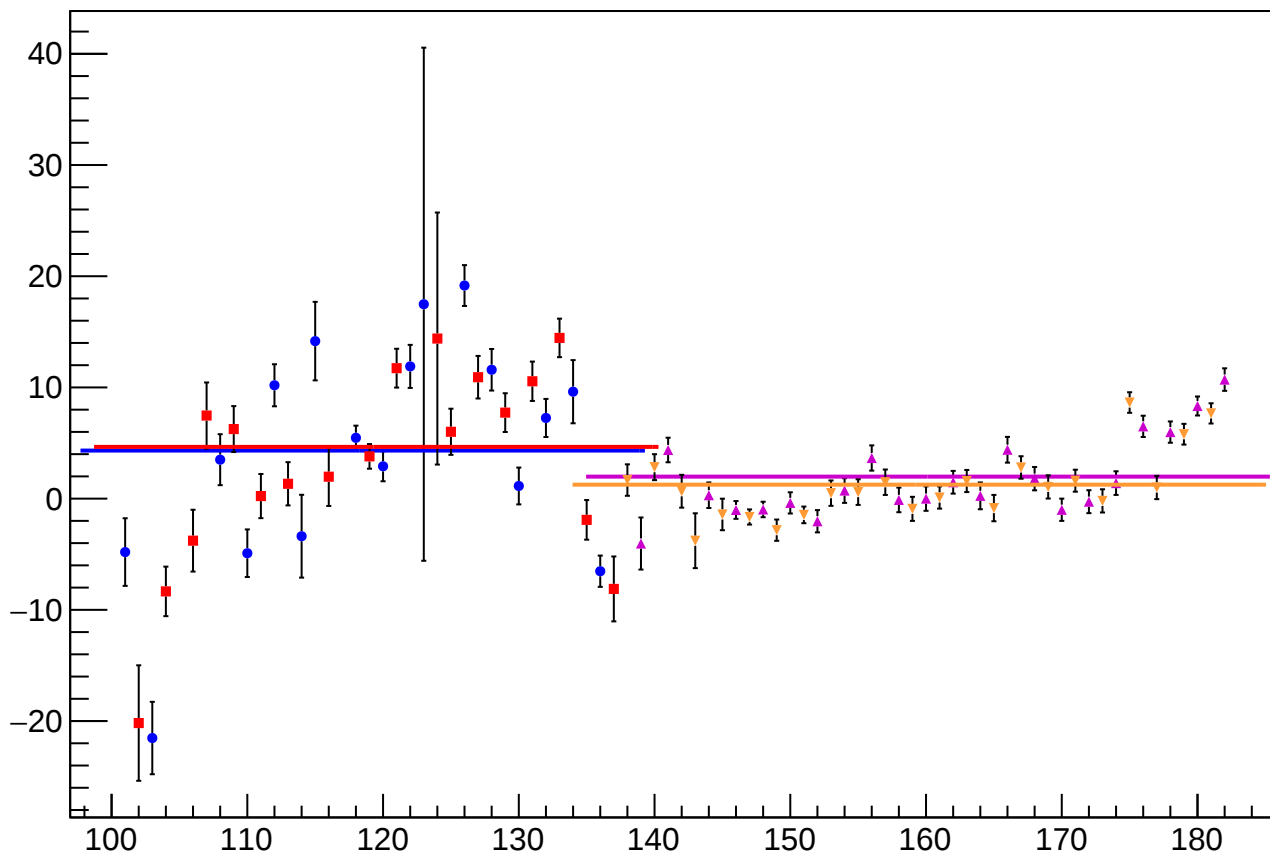


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.276+/-0.278 χ^2/NDF :3680.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.878+/-0.273 χ^2/NDF :2324.5/21

Left: -3.073+/-0.195 χ^2/NDF : 6006.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.878+/-0.273 χ^2/NDF :2324.5/21
 Out: -3.276+/-0.278 χ^2/NDF :3680.6/22

All: -3.073+/-0.195 χ^2/NDF : 6006.1/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 1.255 $\pm$ 0.216 χ^2 /NDF:210.6/22

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 1.979 $\pm$ 0.216 χ^2 /NDF:267.7/21

Left: 1.616 $\pm$ 0.153 χ^2 /NDF: 483.9/44

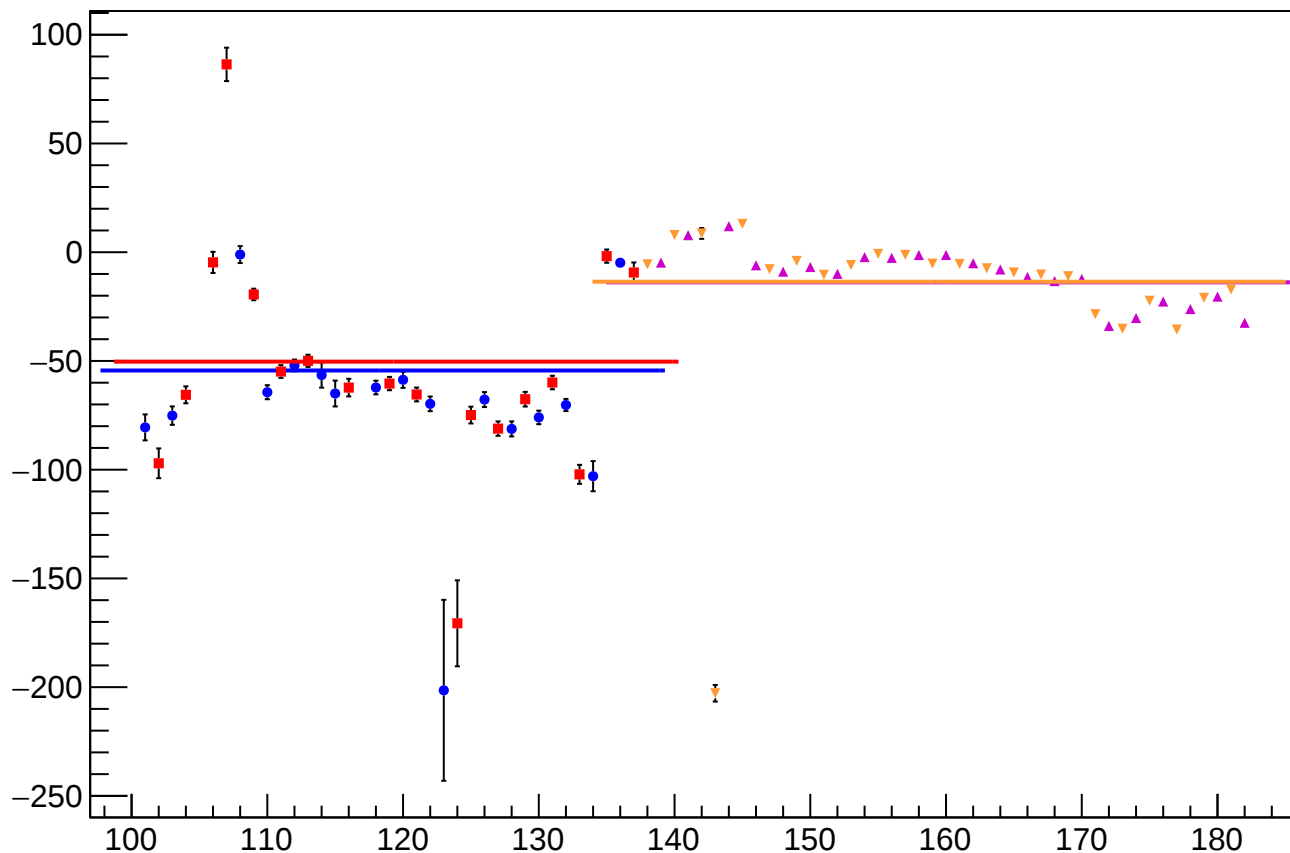
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 2.396 $\pm$ 0.196 χ^2 /NDF:568.9/38

Out: 1.837 $\pm$ 0.196 χ^2 /NDF:437.6/40

All: 2.116 $\pm$ 0.139 χ^2 /NDF: 1010.5/79

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: -13.570 ± 0.277 $\chi^2/\text{NDF}: 4196.3/22$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -13.844 ± 0.271 $\chi^2/\text{NDF}: 1850.6/21$

Left: -13.710 ± 0.193 $\chi^2/\text{NDF}: 6047.4/44$

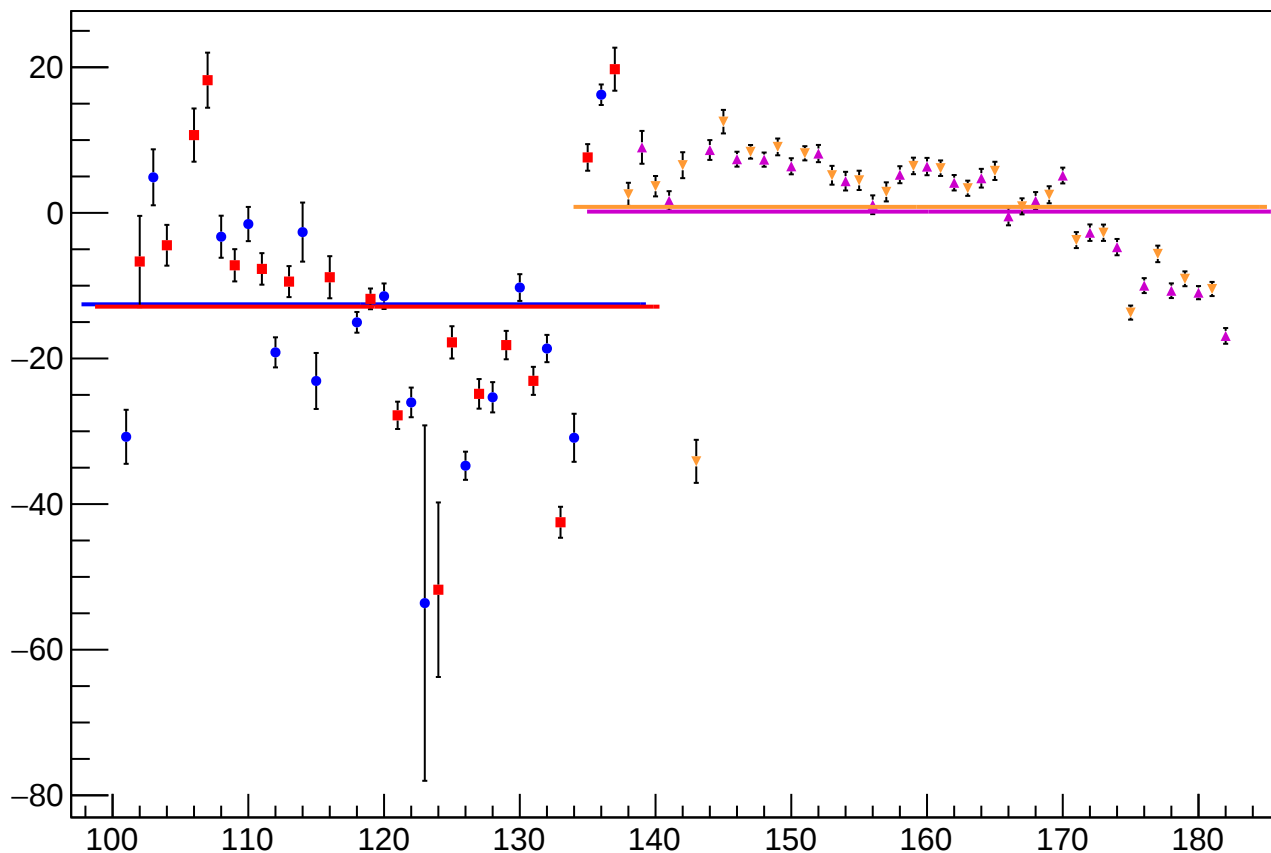
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -17.468 ± 0.258 $\chi^2/\text{NDF}: 4867.4/38$

Out: -17.025 ± 0.263 $\chi^2/\text{NDF}: 7176.1/40$

All: -17.251 ± 0.184 $\chi^2/\text{NDF}: 12045.0/79$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.824 ± 0.245 χ^2/NDF : 988.8/22

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 0.172 ± 0.244 χ^2/NDF : 982.4/21

Left: 0.497 ± 0.173 χ^2/NDF : 1974.7/44

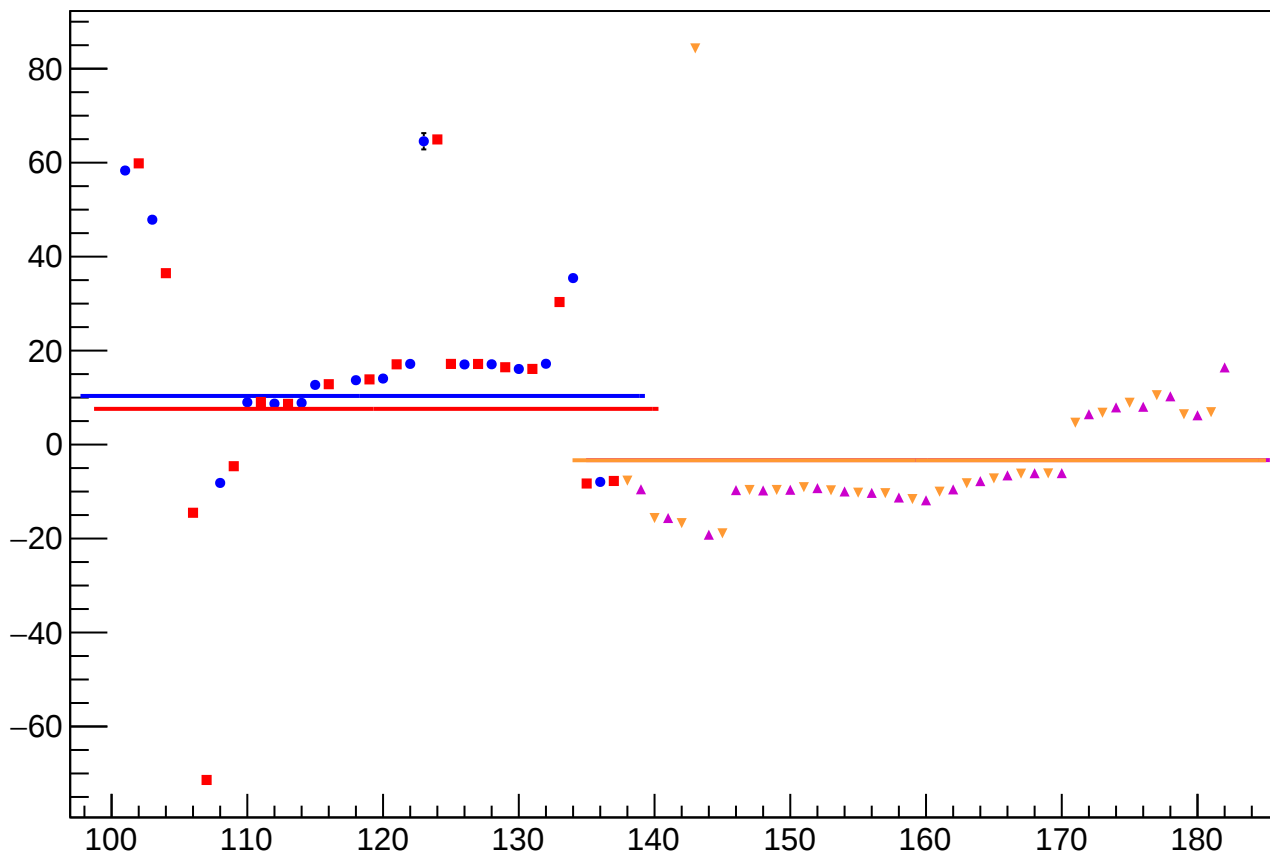
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -2.049 ± 0.222 χ^2/NDF : 2235.8/38

Out: -1.528 ± 0.223 χ^2/NDF : 2252.4/40

All: -1.790 ± 0.157 χ^2/NDF : 4490.9/79

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -3.340+/-0.011 χ^2/NDF : 903497.4/22

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -3.304+/-0.011 χ^2/NDF : 712309.1/21

Left: -3.322+/-0.008 χ^2/NDF : 1615811.4/44

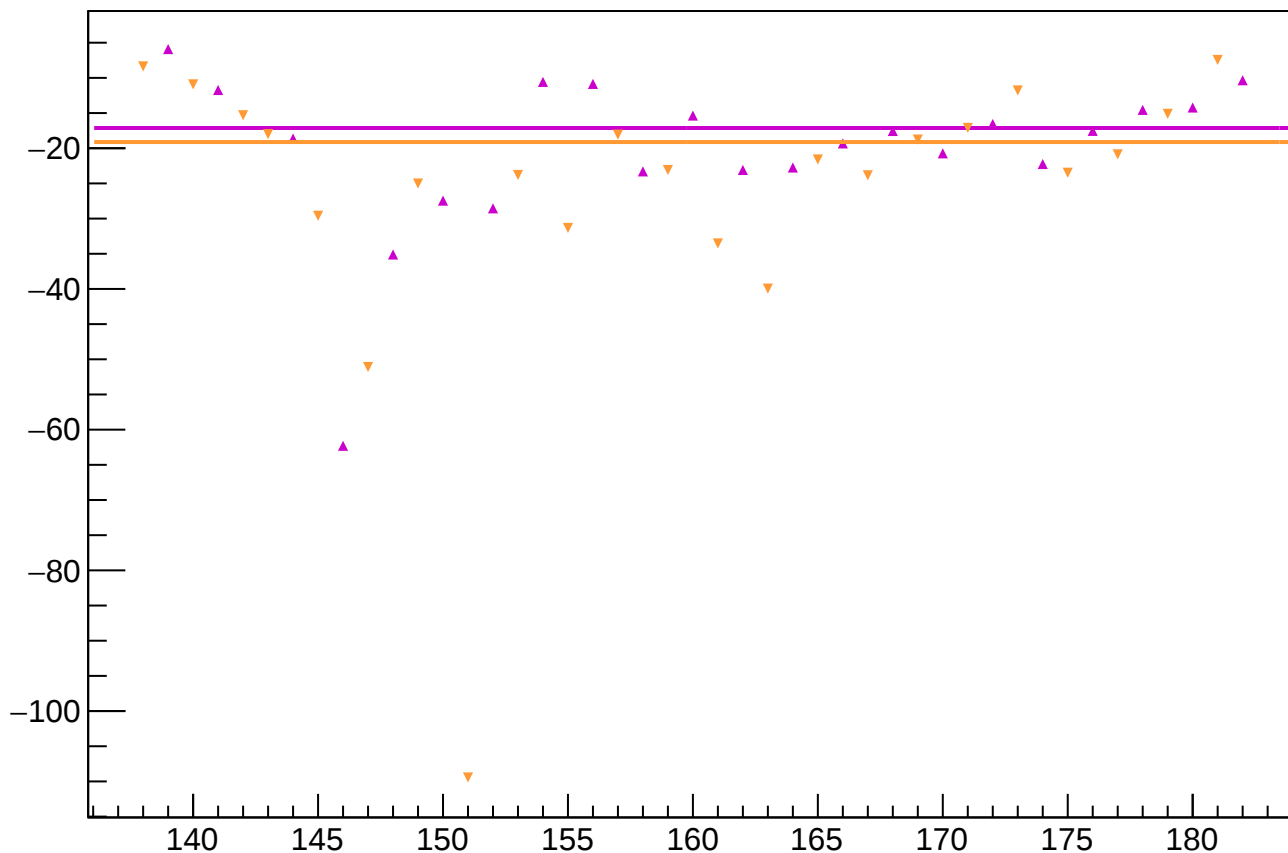
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -1.728+/-0.010 χ^2/NDF : 1269538.2/38

Out: -2.081+/-0.011 χ^2/NDF : 1550151.9/40

All: -1.901+/-0.007 χ^2/NDF : 2820257.4/79

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.118+/-0.042 χ^2/NDF : 83595.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Left: -18.046+/-0.028 χ^2/NDF : 129065.6/44

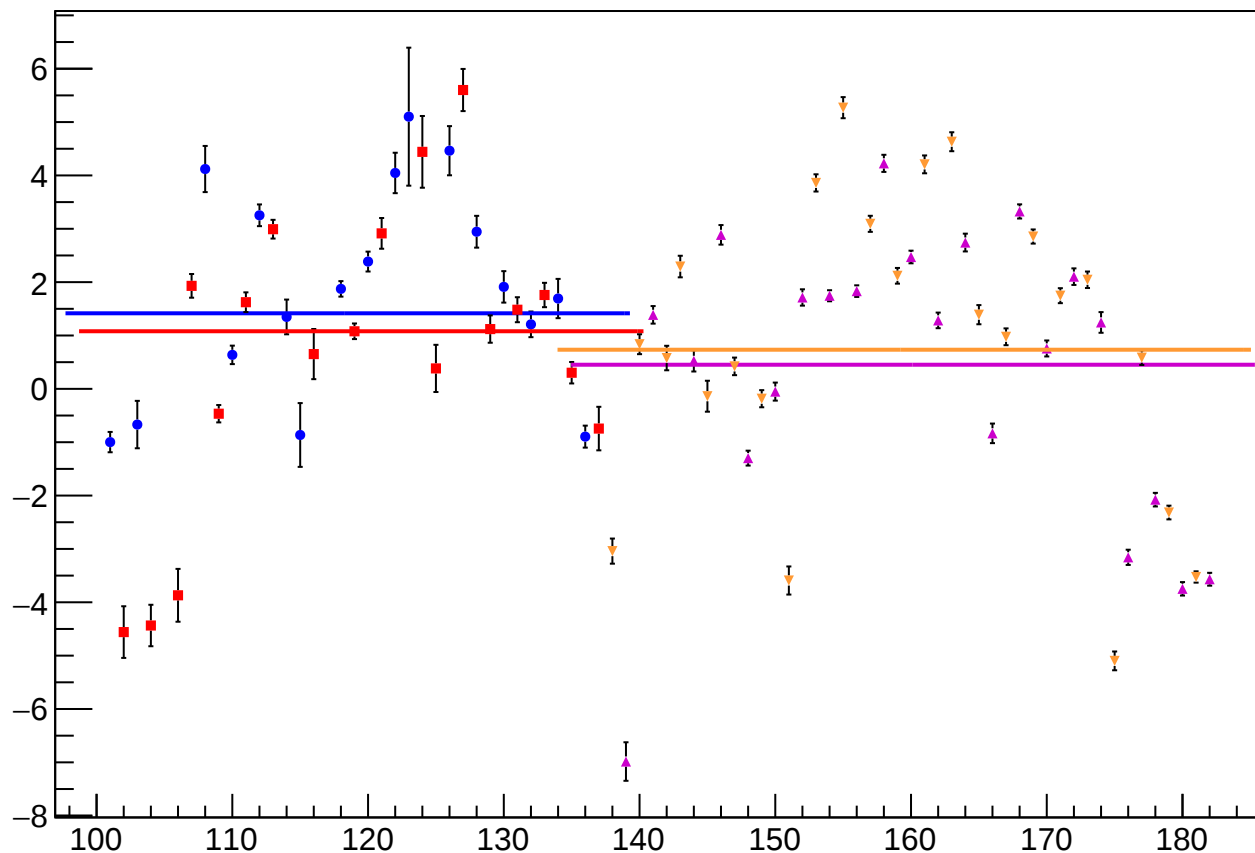
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Out: -19.118+/-0.042 χ^2/NDF : 83595.0/22

All: -18.046+/-0.028 χ^2/NDF : 129065.6/44

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.733 ± 0.034 χ^2/NDF : 6451.8/22

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.452 ± 0.031 χ^2/NDF : 6156.6/21

Left: 0.580 ± 0.023 χ^2/NDF : 12645.9/44

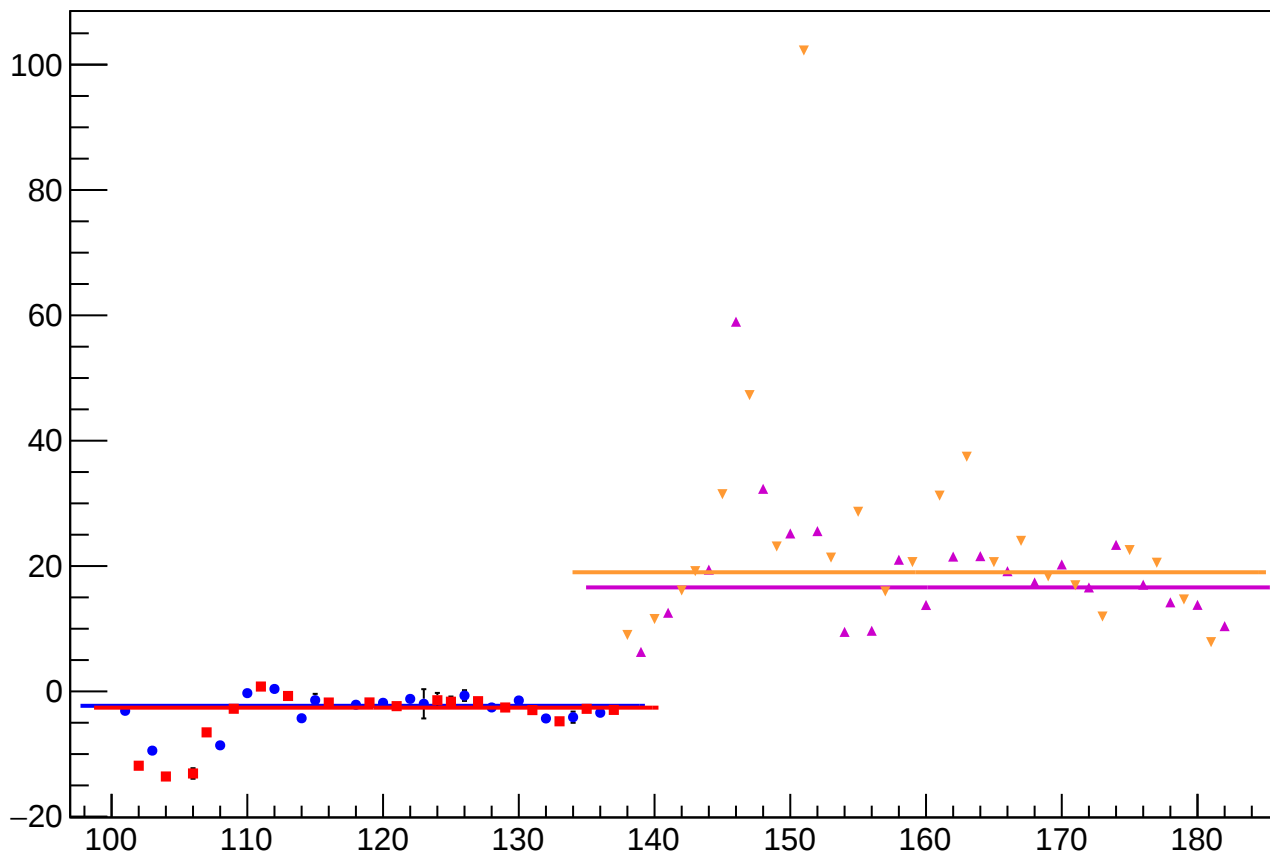
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 0.649 ± 0.028 χ^2/NDF : 6985.3/38

Out: 0.821 ± 0.029 χ^2/NDF : 7394.3/40

All: 0.730 ± 0.020 χ^2/NDF : 14397.9/79

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 19.009 ± 0.042 $\chi^2/\text{NDF}: 73698.4/22$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 16.593 ± 0.038 $\chi^2/\text{NDF}: 41026.7/21$

Left: 17.698 ± 0.028 $\chi^2/\text{NDF}: 116553.0/44$

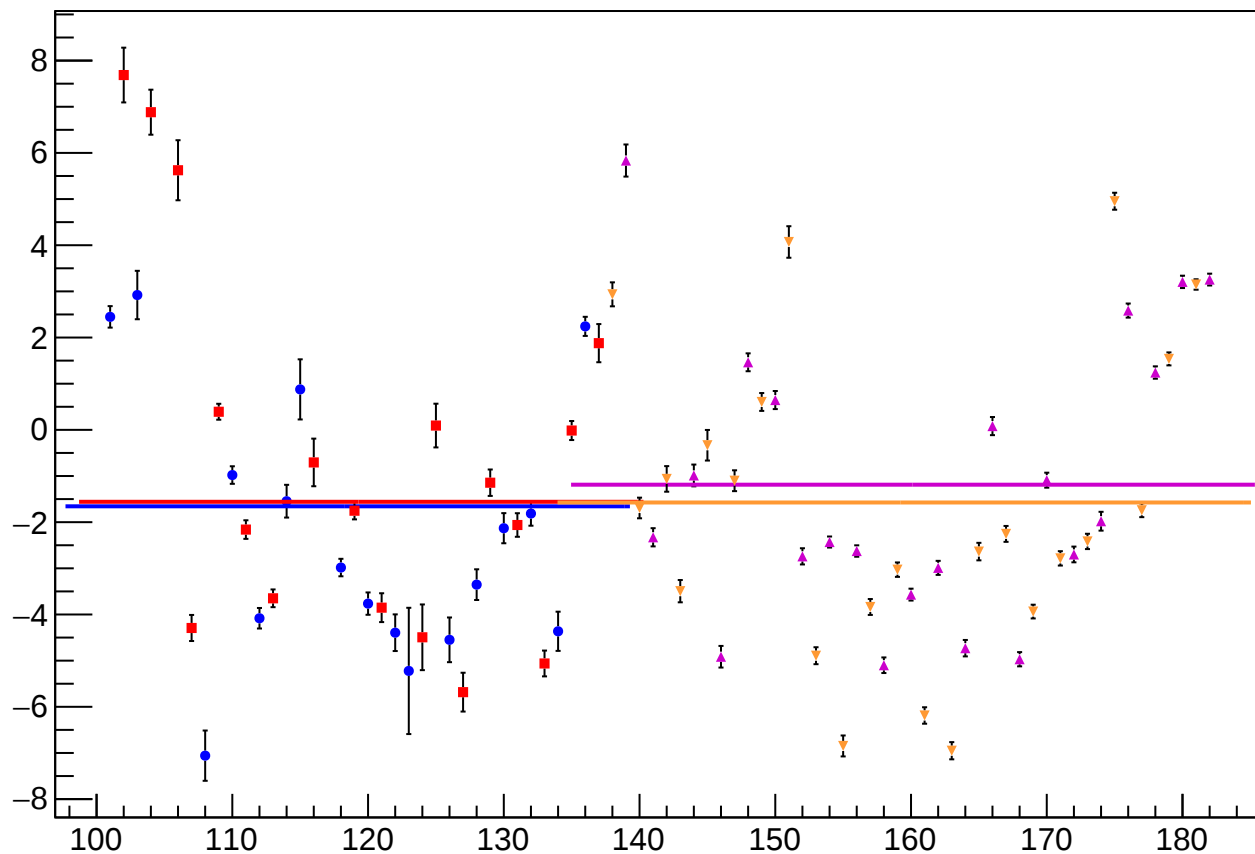
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 14.585 ± 0.036 $\chi^2/\text{NDF}: 67432.8/38$

Out: 15.780 ± 0.038 $\chi^2/\text{NDF}: 114865.8/40$

All: 15.147 ± 0.026 $\chi^2/\text{NDF}: 182811.8/79$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.574 ± 0.038 χ^2/NDF : 7294.3/22

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.188 ± 0.034 χ^2/NDF : 6659.8/21

Left: -1.363 ± 0.025 χ^2/NDF : 14010.9/44

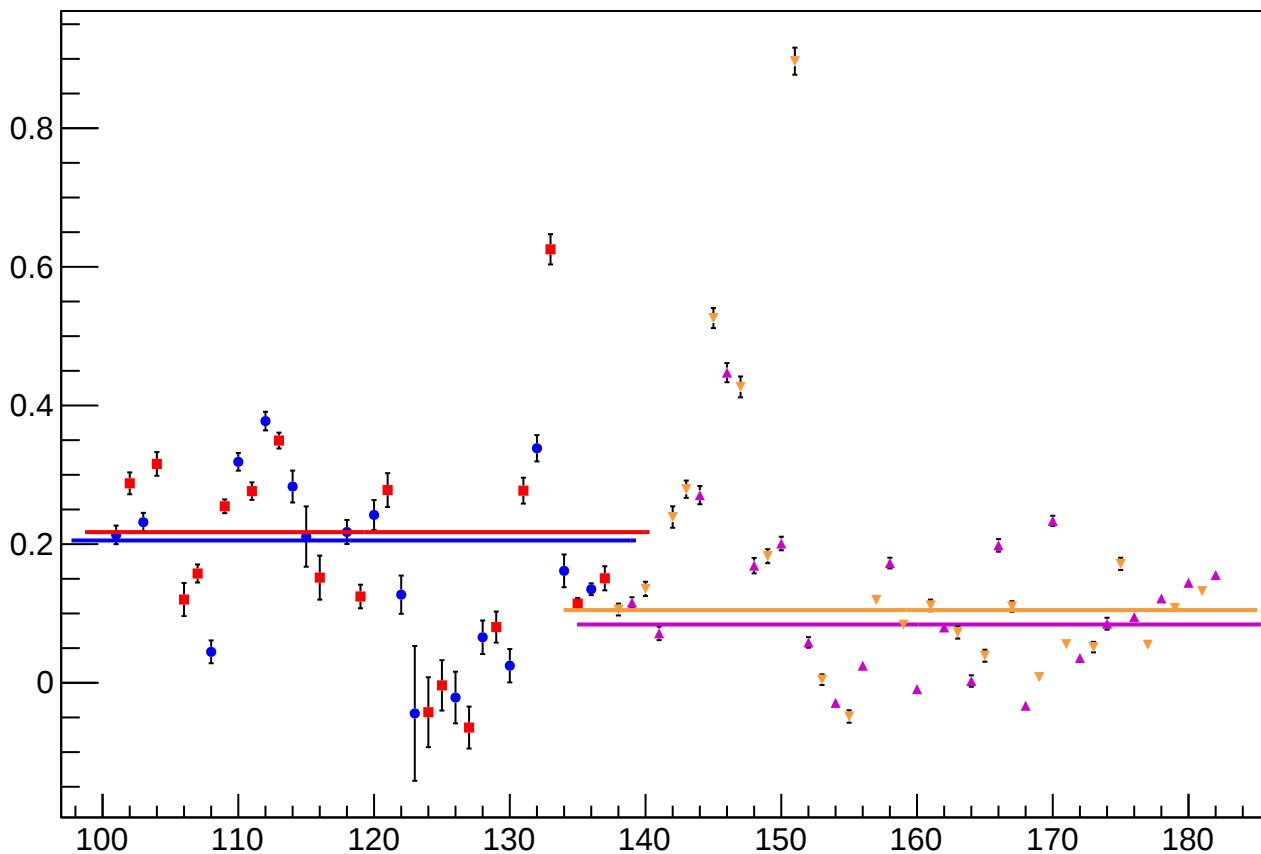
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.279 ± 0.031 χ^2/NDF : 7966.5/38

Out: -1.570 ± 0.033 χ^2/NDF : 8779.1/40

All: -1.416 ± 0.023 χ^2/NDF : 16787.3/79

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.093 $\pm$ 0.001 χ^2 /NDF: 7939.7/44

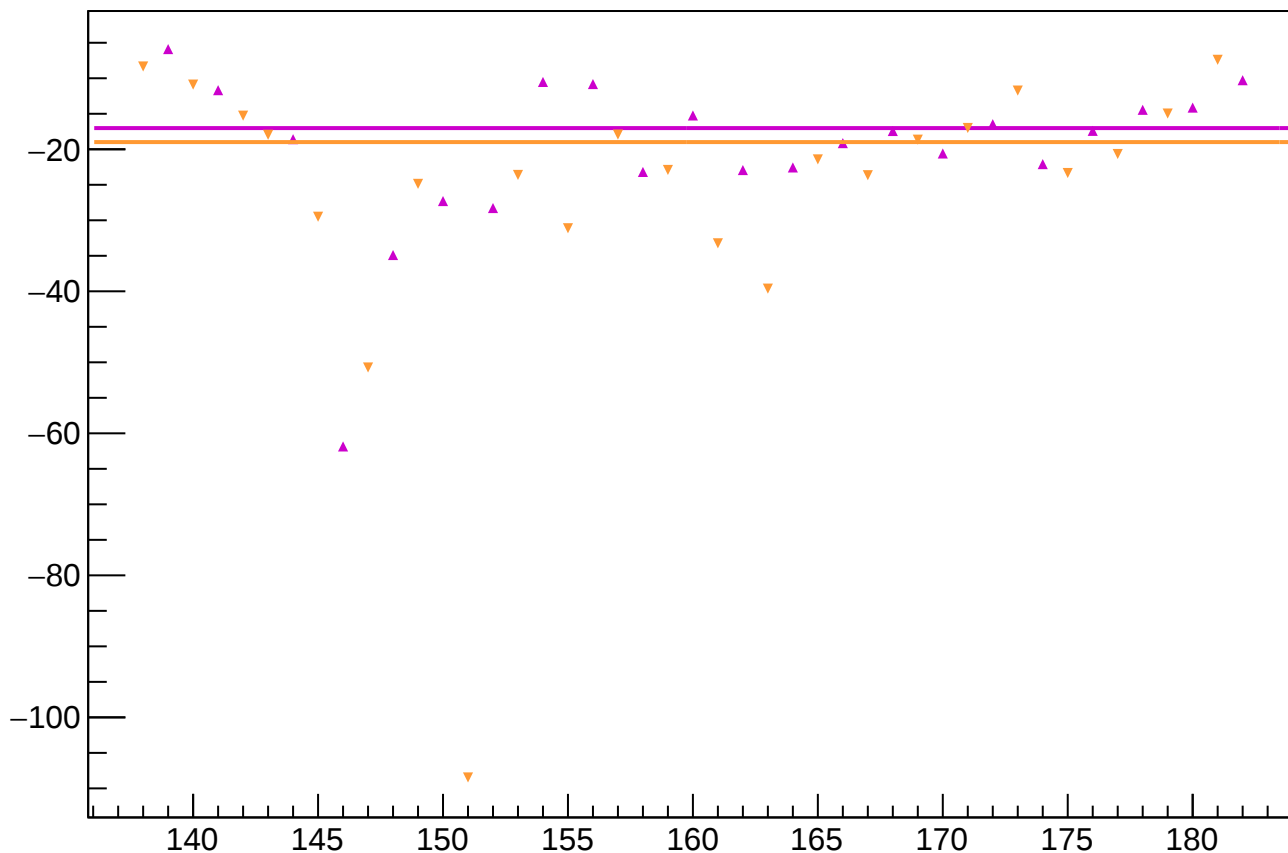
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.098 $\pm$ 0.001 χ^2 /NDF: 4936.2/38

Out: 0.124 $\pm$ 0.002 χ^2 /NDF: 6075.5/40

All: 0.110 $\pm$ 0.001 χ^2 /NDF: 11164.2/79

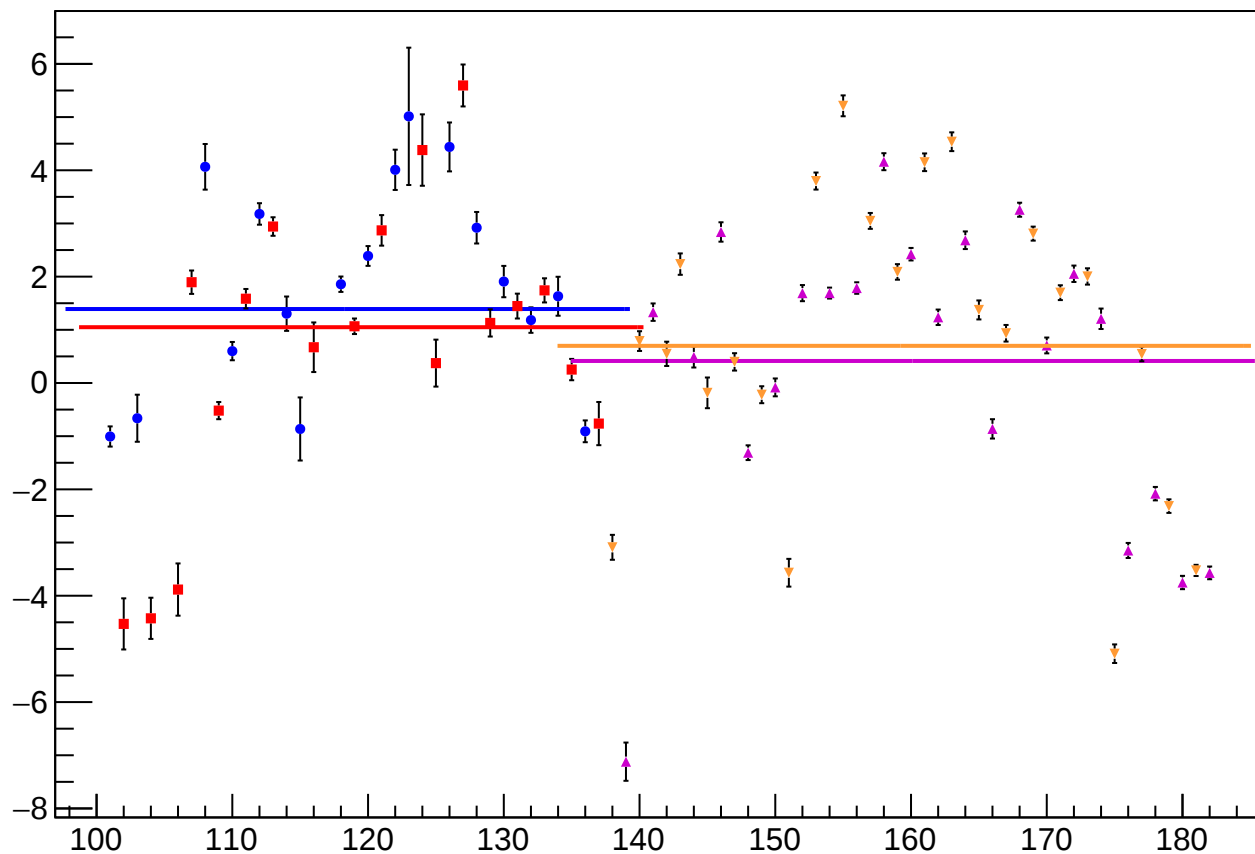
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -18.986 $\pm$ 0.041 χ^2/NDF :83447.0/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -17.017 $\pm$ 0.038 χ^2/NDF :44158.6/21

Left: -17.929 $\pm$ 0.028 χ^2/NDF : 128824.1/44
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -17.017 $\pm$ 0.038 χ^2/NDF :44158.6/21
 Out: -18.986 $\pm$ 0.041 χ^2/NDF :83447.0/22
 All: -17.929 $\pm$ 0.028 χ^2/NDF : 128824.1/44

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: 0.699 $\pm$ 0.034 χ^2/NDF :6440.5/22

Right Out: 1.049 $\pm$ 0.058 χ^2/NDF : 919.8/17

Left In: 0.414 $\pm$ 0.031 χ^2/NDF :6144.0/21

Left: 0.544 $\pm$ 0.023 χ^2/NDF : 12623.4/44

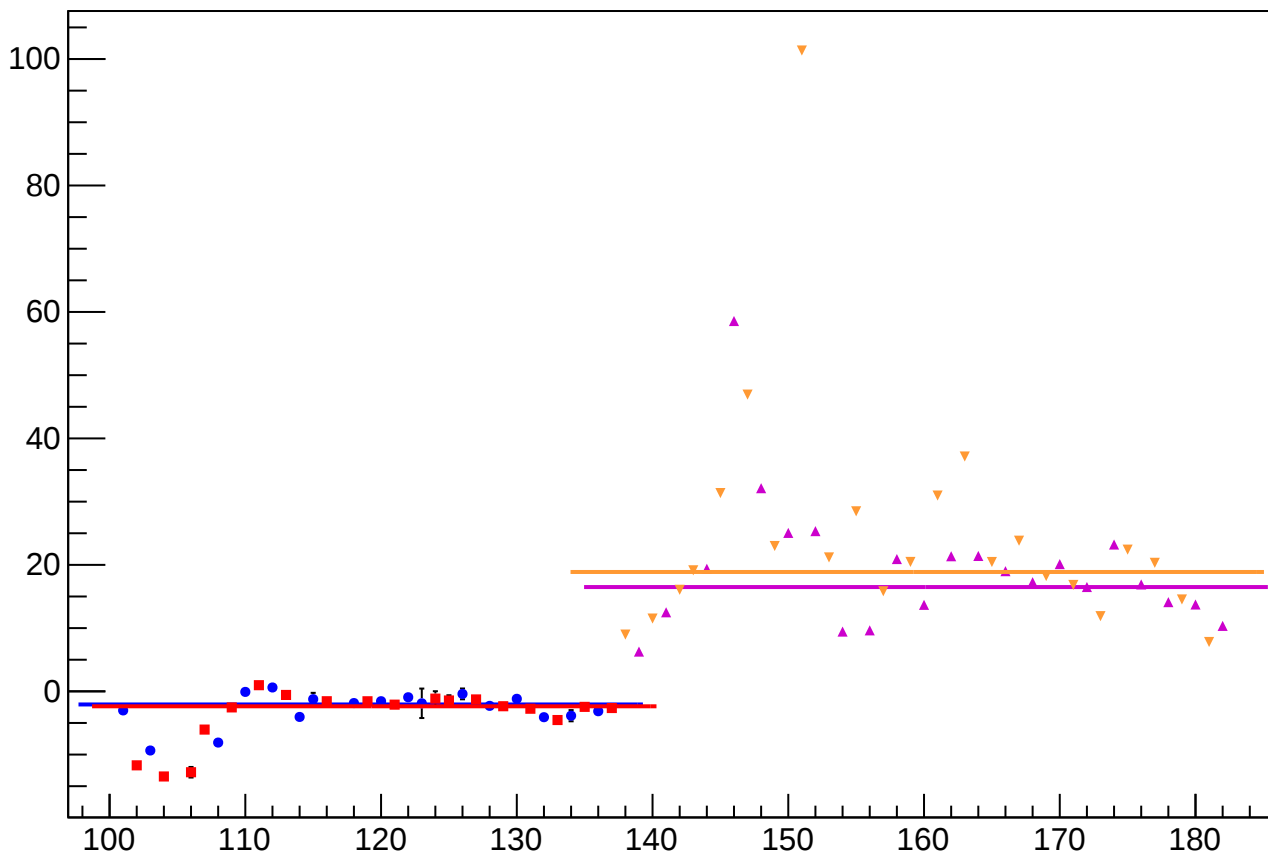
Right: 1.211 $\pm$ 0.042 χ^2/NDF : 1565.5/34

In: 0.613 $\pm$ 0.027 χ^2/NDF :6978.0/38

Out: 0.787 $\pm$ 0.029 χ^2/NDF :7387.7/40

All: 0.695 $\pm$ 0.020 χ^2/NDF : 14384.6/79

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075+/-0.110 χ^2/NDF : 442.3/16

Left Out: 18.878+/-0.041 χ^2/NDF : 73582.5/22

Right Out: -2.366+/-0.099 χ^2/NDF : 893.2/17

Left In: 16.493+/-0.038 χ^2/NDF : 40954.6/21

Left: 17.584+/-0.028 χ^2/NDF : 116343.2/44

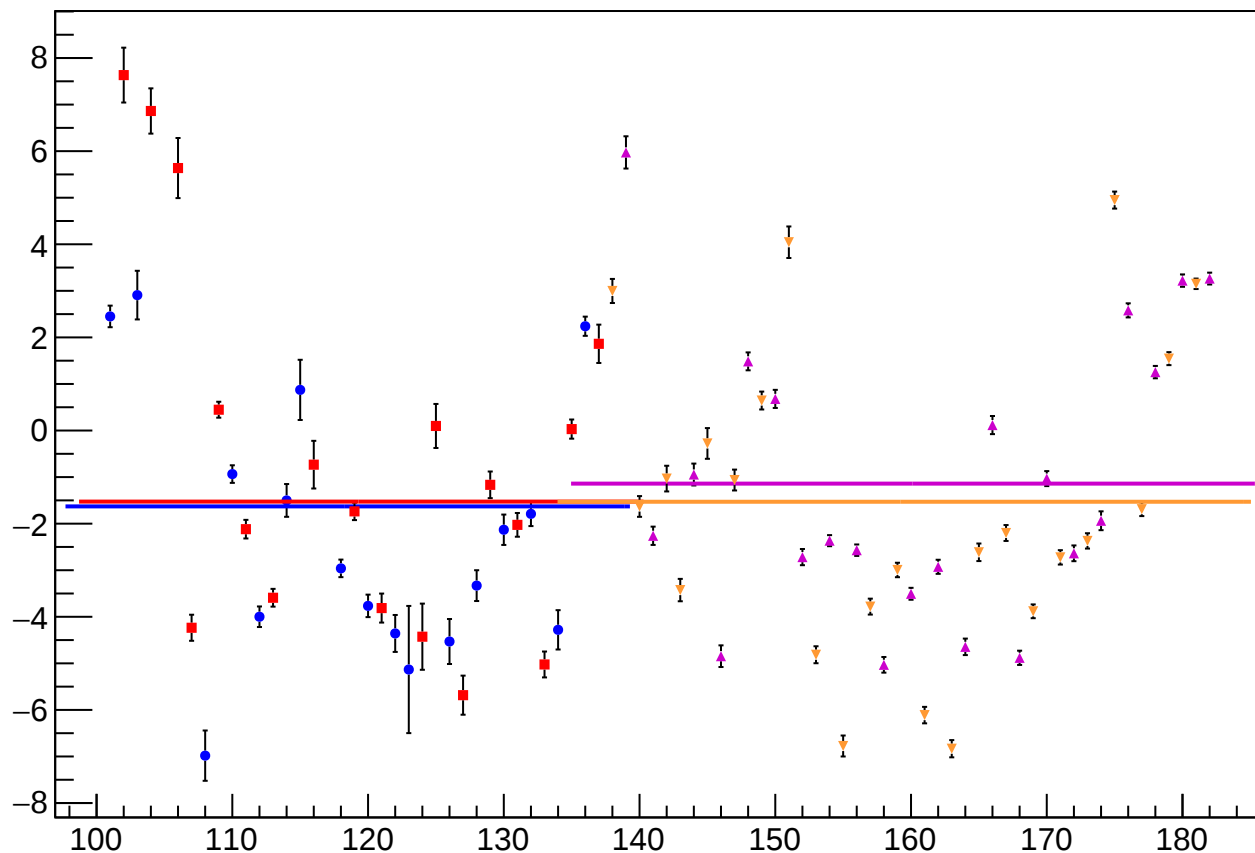
Right: -2.237+/-0.074 χ^2/NDF : 1339.4/34

In: 14.525+/-0.036 χ^2/NDF : 66739.7/38

Out: 15.711+/-0.038 χ^2/NDF : 113864.0/40

All: 15.083+/-0.026 χ^2/NDF : 181116.9/79

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.529 ± 0.038 χ^2/NDF : 7279.5/22

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.140 ± 0.034 χ^2/NDF : 6645.2/21

Left: -1.317 ± 0.025 χ^2/NDF : 13983.4/44

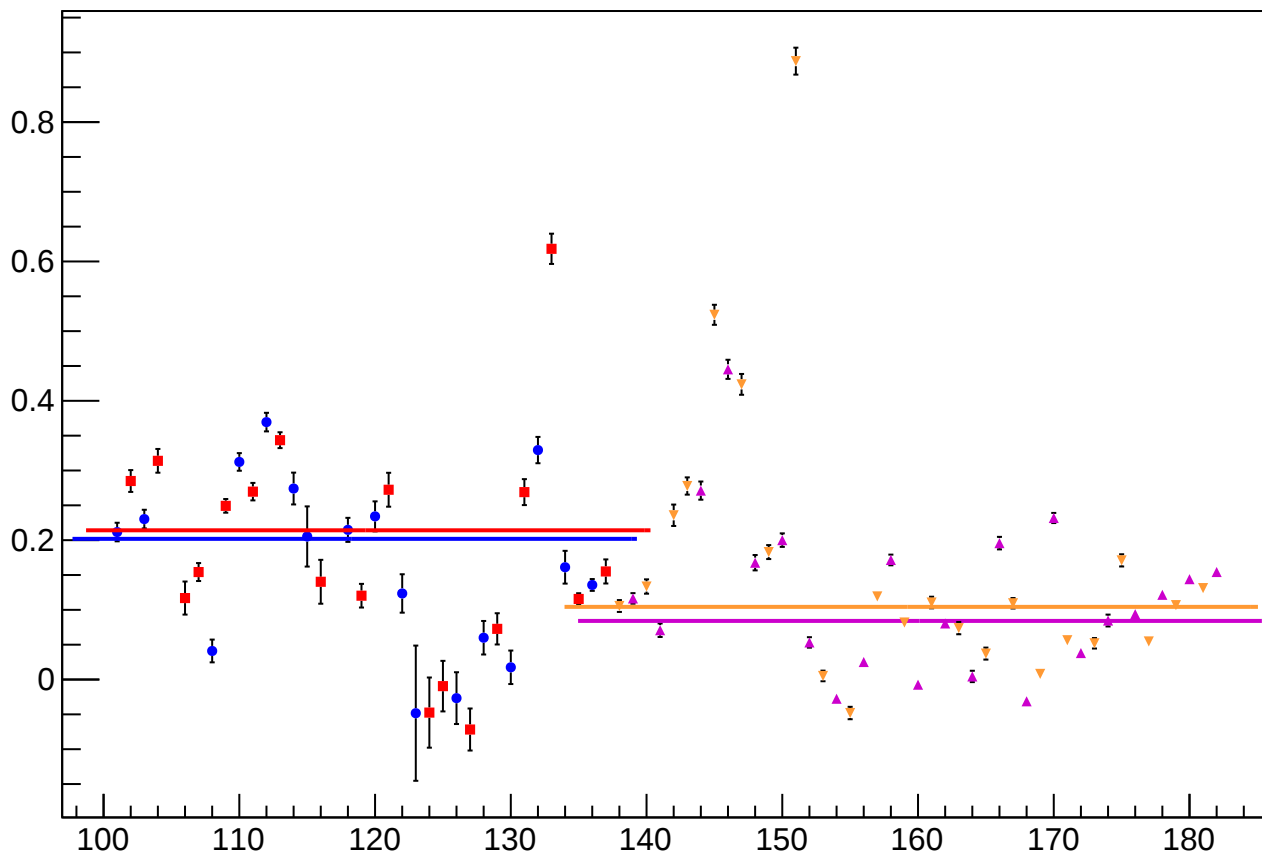
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.234 ± 0.031 χ^2/NDF : 7950.9/38

Out: -1.529 ± 0.033 χ^2/NDF : 8767.7/40

All: -1.373 ± 0.022 χ^2/NDF : 16761.7/79

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4288.3/22

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.084 ± 0.002 χ^2/NDF : 3529.3/21

Left: 0.093 ± 0.001 χ^2/NDF : 7897.3/44

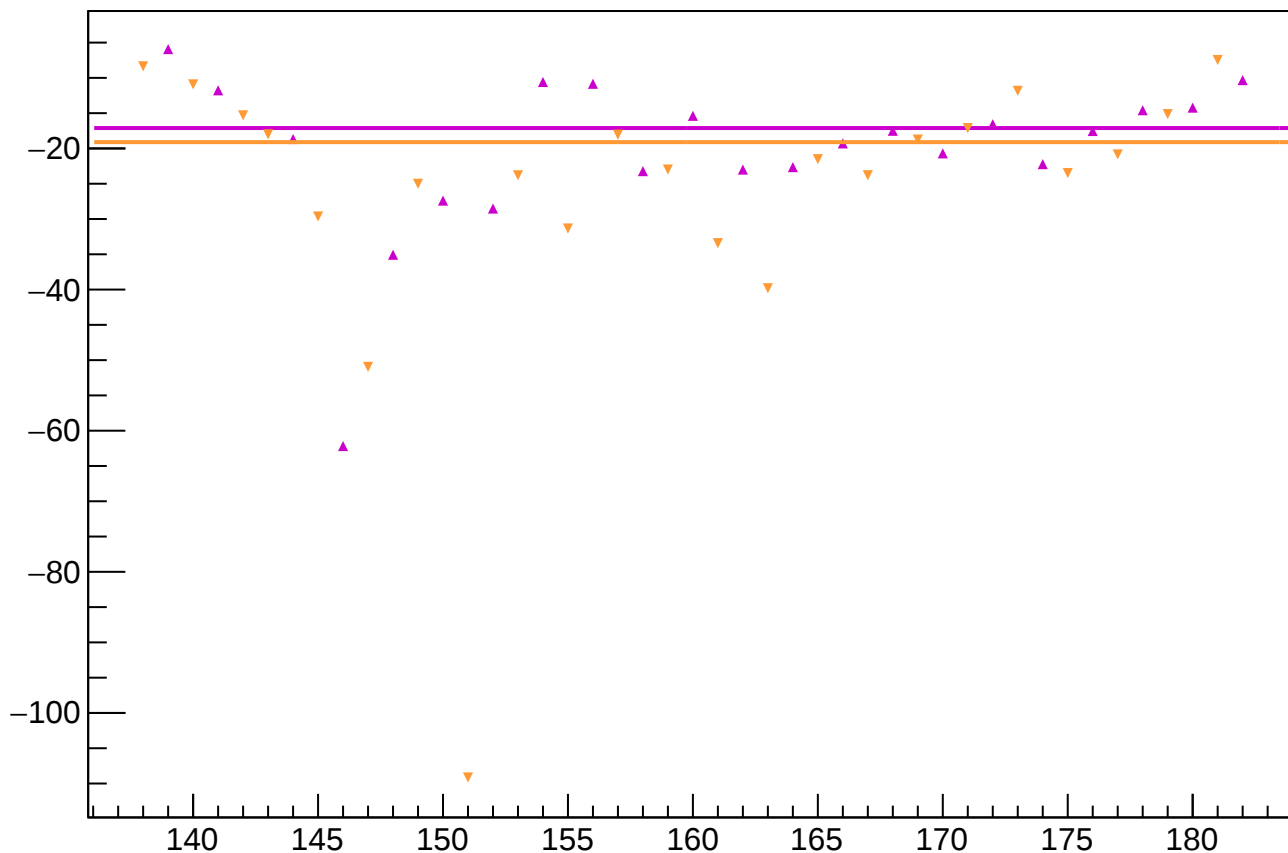
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.098 ± 0.001 χ^2/NDF : 4855.2/38

Out: 0.123 ± 0.002 χ^2/NDF : 6023.0/40

All: 0.110 ± 0.001 χ^2/NDF : 11024.5/79

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.106+/-0.042 χ^2/NDF :83542.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.109+/-0.039 χ^2/NDF :44229.4/21

Left: -18.034+/-0.028 χ^2/NDF : 129013.6/44

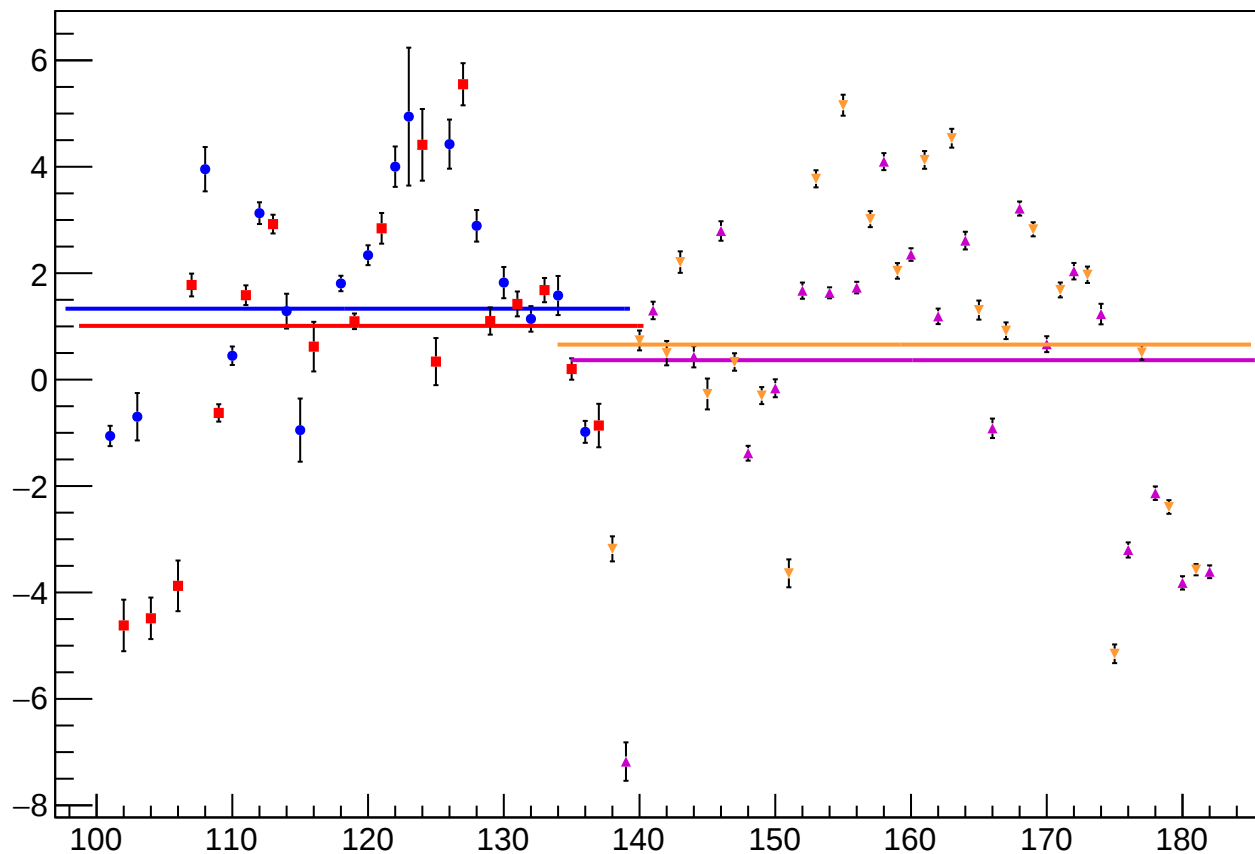
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.109+/-0.039 χ^2/NDF :44229.4/21

Out: -19.106+/-0.042 χ^2/NDF :83542.9/22

All: -18.034+/-0.028 χ^2/NDF : 129013.6/44

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.658 ± 0.034 χ^2/NDF : 6460.9/22

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.365 ± 0.031 χ^2/NDF : 6110.0/21

Left: 0.499 ± 0.023 χ^2/NDF : 12611.8/44

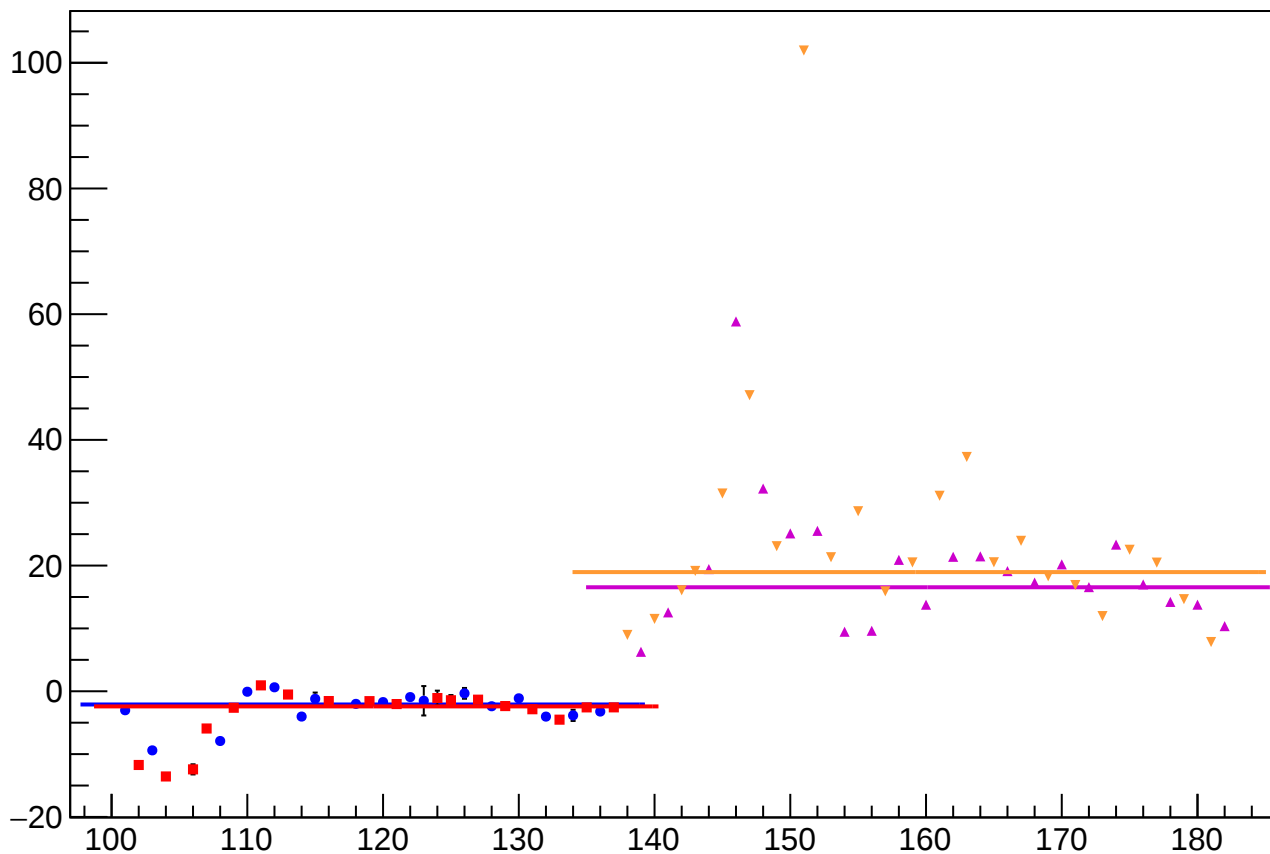
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.562 ± 0.028 χ^2/NDF : 6943.8/38

Out: 0.748 ± 0.029 χ^2/NDF : 7418.5/40

All: 0.649 ± 0.020 χ^2/NDF : 14383.5/79

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 18.962 ± 0.042 $\chi^2/\text{NDF}: 73665.5/22$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 16.548 ± 0.038 $\chi^2/\text{NDF}: 41034.1/21$

Left: 17.653 ± 0.028 $\chi^2/\text{NDF}: 116535.1/44$

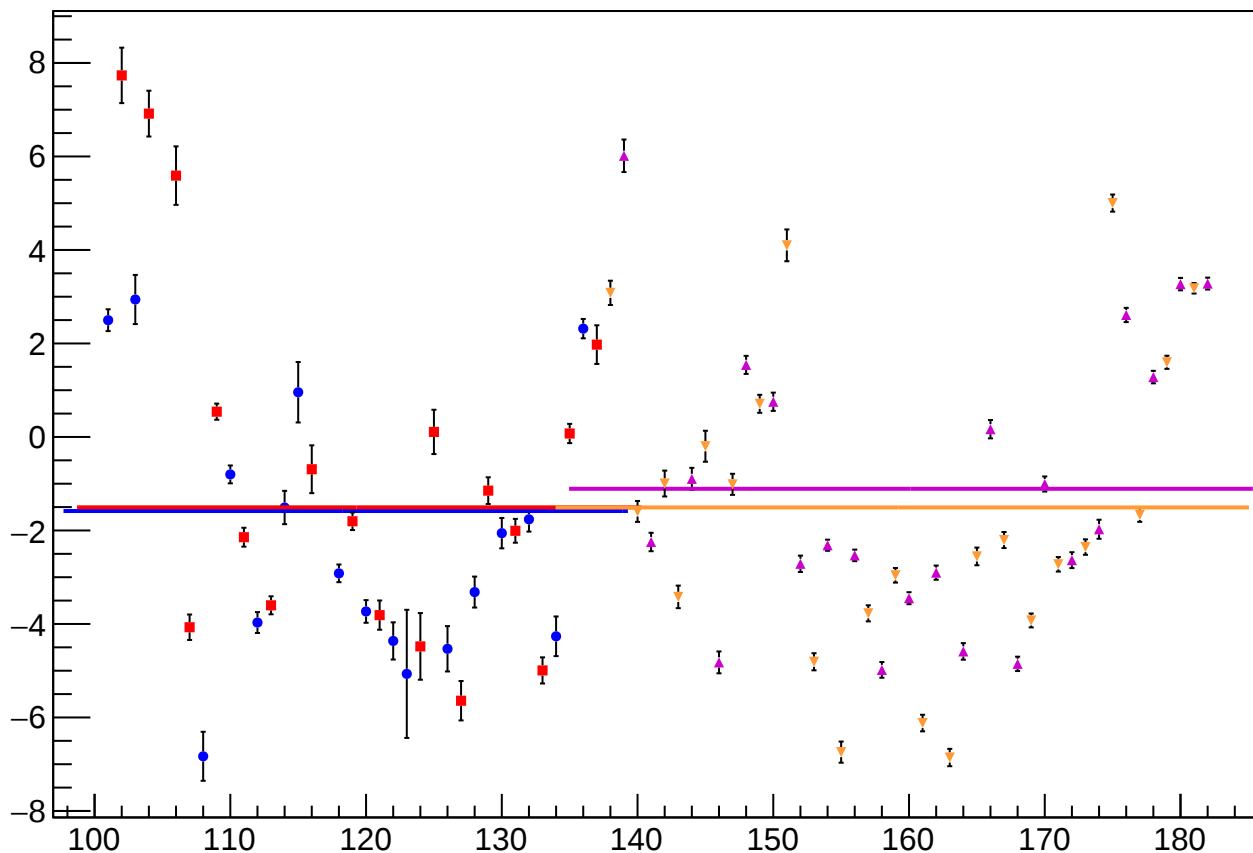
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 14.577 ± 0.036 $\chi^2/\text{NDF}: 66783.0/38$

Out: 15.780 ± 0.038 $\chi^2/\text{NDF}: 114032.4/40$

All: 15.142 ± 0.026 $\chi^2/\text{NDF}: 181338.5/79$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.508 ± 0.038 χ^2/NDF : 7304.2/22

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.109 ± 0.034 χ^2/NDF : 6598.1/21

Left: -1.290 ± 0.025 χ^2/NDF : 13963.4/44

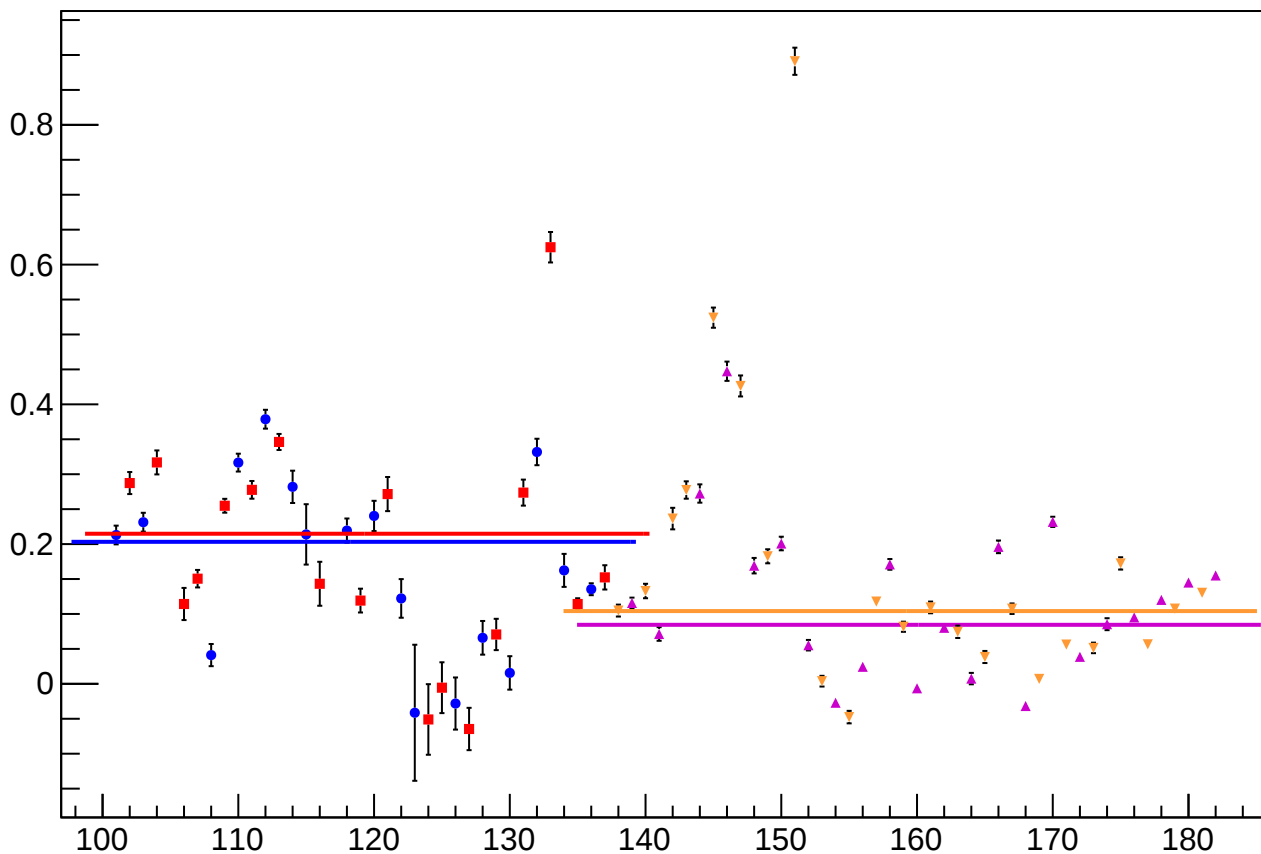
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.200 ± 0.031 χ^2/NDF : 7907.0/38

Out: -1.507 ± 0.033 χ^2/NDF : 8804.0/40

All: -1.345 ± 0.022 χ^2/NDF : 16757.6/79

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: 0.104 ± 0.002 χ^2/NDF : 4271.4/22

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.084 ± 0.002 χ^2/NDF : 3506.6/21

Left: 0.093 ± 0.001 χ^2/NDF : 7853.1/44

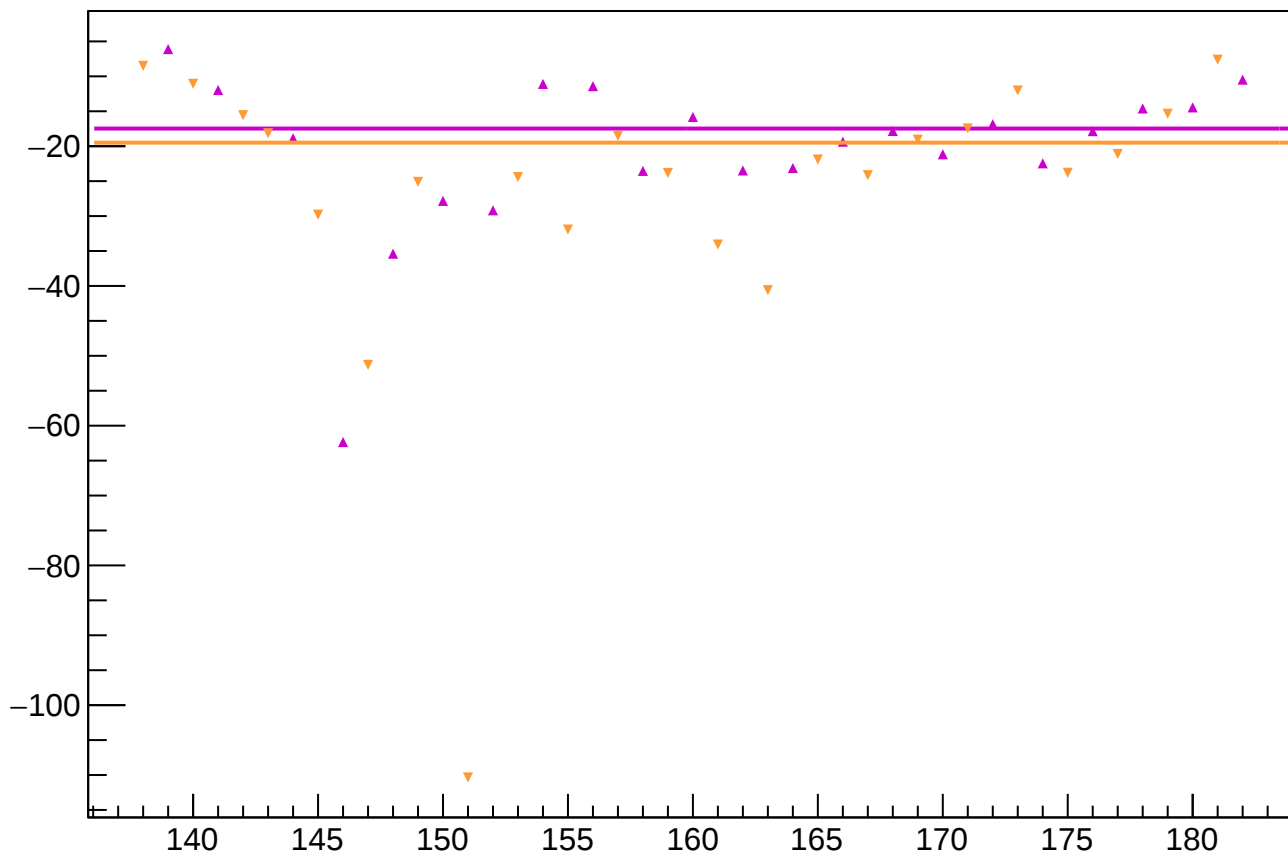
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.098 ± 0.001 χ^2/NDF : 4867.8/38

Out: 0.123 ± 0.002 χ^2/NDF : 6045.0/40

All: 0.110 ± 0.001 χ^2/NDF : 11053.2/79

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.491+/-0.042 χ^2/NDF : 82907.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Left: -18.410+/-0.029 χ^2/NDF : 127409.9/44

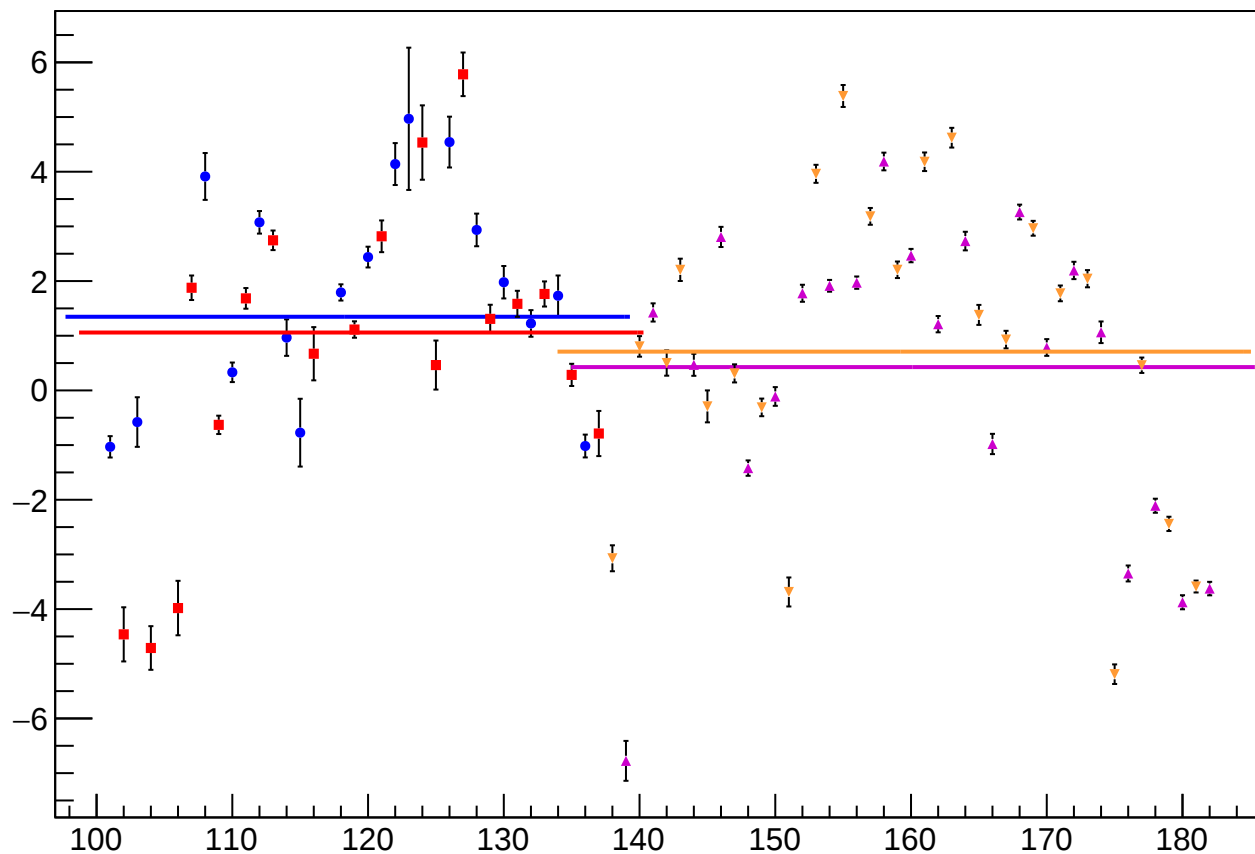
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Out: -19.491+/-0.042 χ^2/NDF : 82907.2/22

All: -18.410+/-0.029 χ^2/NDF : 127409.9/44

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: 0.709 ± 0.035 χ^2/NDF : 6452.7/22

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.427 ± 0.032 χ^2/NDF : 6140.4/21

Left: 0.556 ± 0.023 χ^2/NDF : 12629.5/44

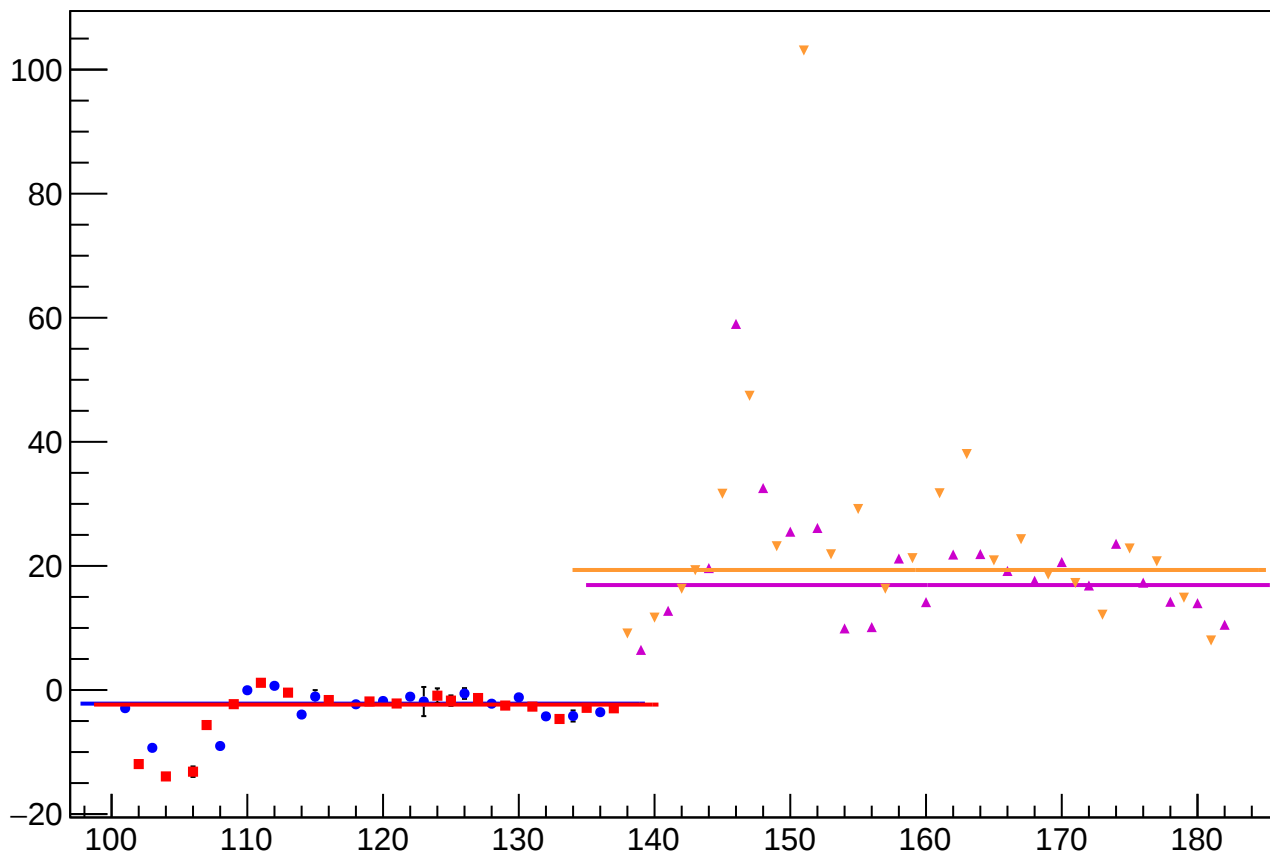
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 0.616 ± 0.028 χ^2/NDF : 6944.0/38

Out: 0.798 ± 0.030 χ^2/NDF : 7384.0/40

All: 0.702 ± 0.021 χ^2/NDF : 14347.7/79

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 $\pm$ 0.113 χ^2 /NDF: 463.5/16

Left Out: 19.346 $\pm$ 0.042 χ^2 /NDF:73052.9/22

Right Out: -2.350 $\pm$ 0.101 χ^2 /NDF: 908.5/17

Left In: 16.916 $\pm$ 0.039 χ^2 /NDF:39961.3/21

Left: 18.030 $\pm$ 0.029 χ^2 /NDF: 114791.1/44

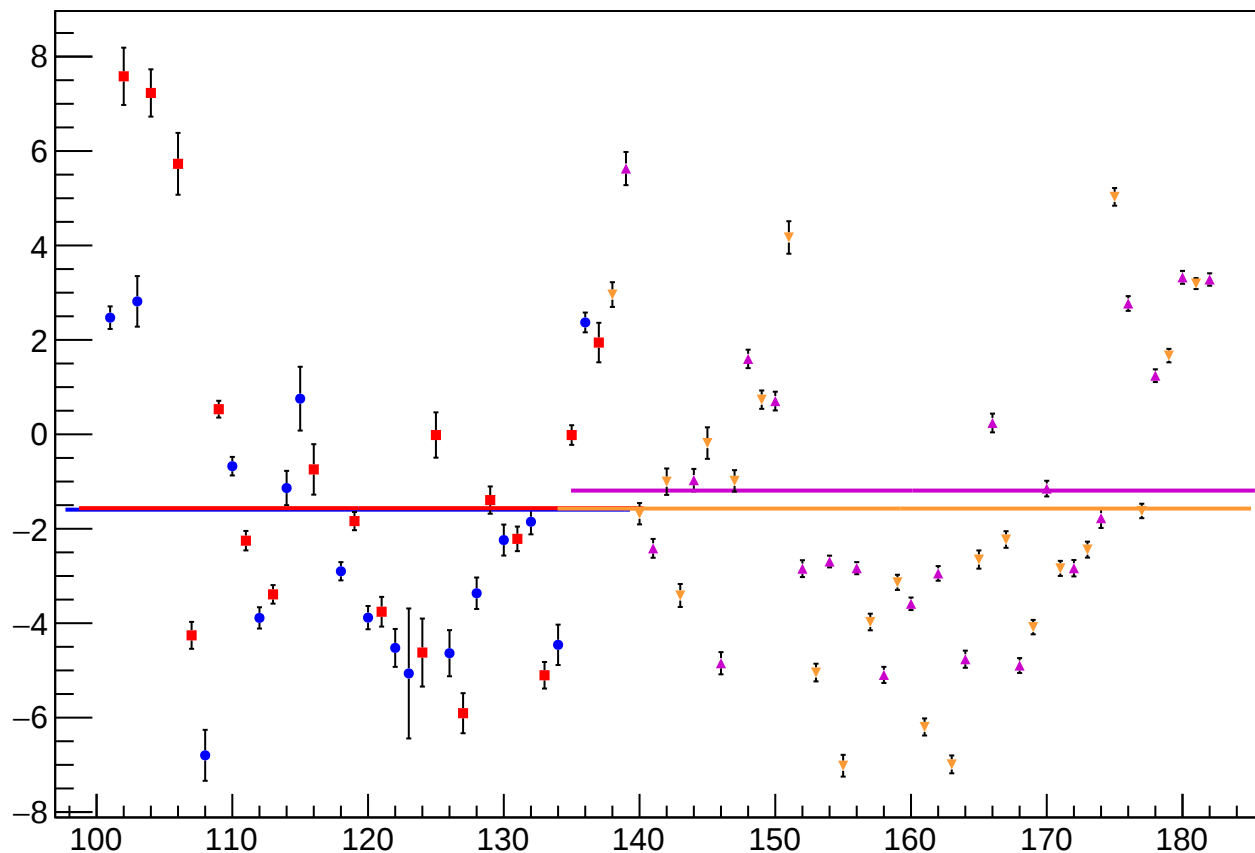
Right: -2.280 $\pm$ 0.075 χ^2 /NDF: 1373.0/34

In: 14.875 $\pm$ 0.037 χ^2 /NDF:66037.3/38

Out: 16.110 $\pm$ 0.039 χ^2 /NDF:112961.0/40

All: 15.456 $\pm$ 0.027 χ^2 /NDF: 179526.1/79

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: -1.572 ± 0.039 $\chi^2/\text{NDF}: 7296.8/22$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -1.191 ± 0.035 $\chi^2/\text{NDF}: 6628.0/21$

Left: -1.365 ± 0.026 $\chi^2/\text{NDF}: 13978.0/44$

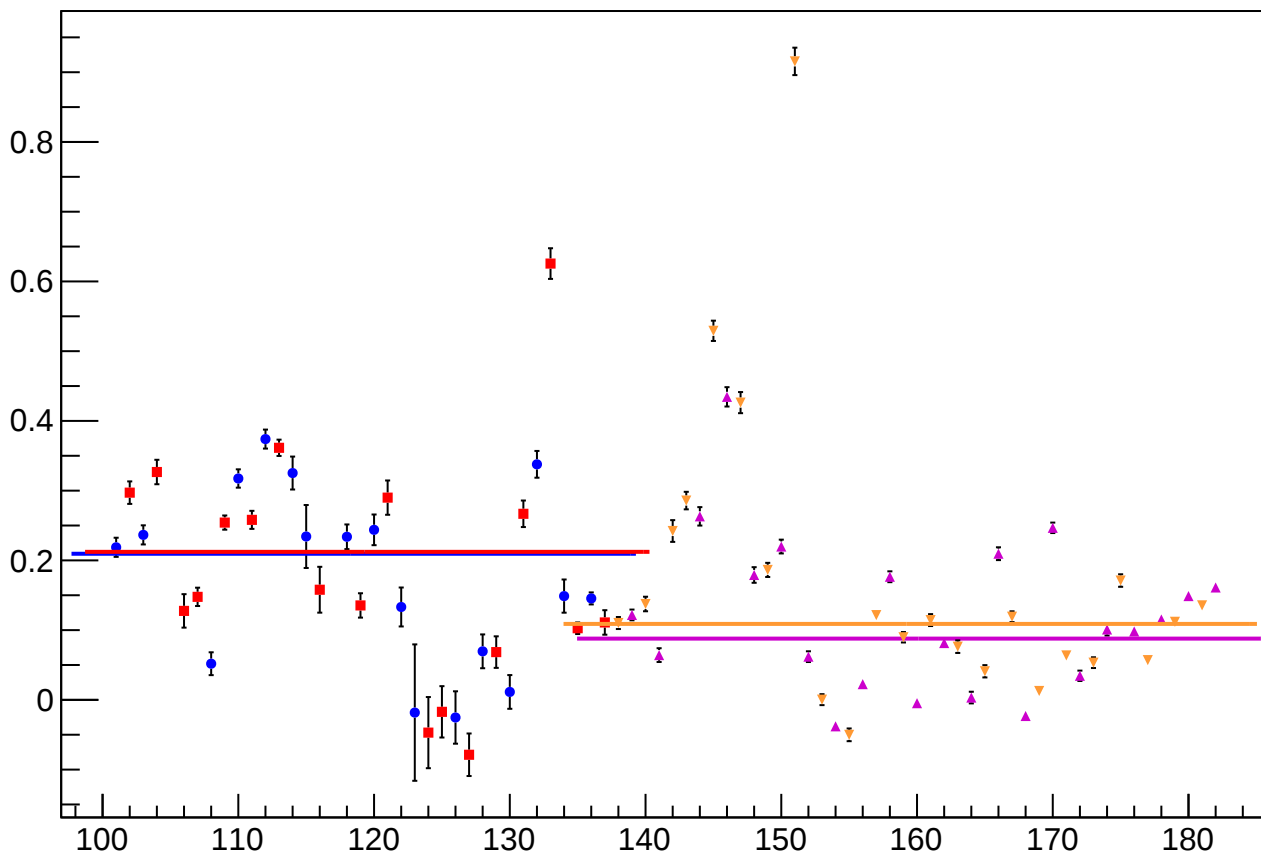
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -1.270 ± 0.032 $\chi^2/\text{NDF}: 7909.0/38$

Out: -1.570 ± 0.033 $\chi^2/\text{NDF}: 8758.6/40$

All: -1.412 ± 0.023 $\chi^2/\text{NDF}: 16710.2/79$

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: 0.109 $\pm$ 0.002 χ^2/NDF : 4298.5/22

Right Out: 0.212 $\pm$ 0.004 χ^2/NDF : 1096.9/17

Left In: 0.088 $\pm$ 0.002 χ^2/NDF : 3584.0/21

Left: 0.097 $\pm$ 0.001 χ^2/NDF : 7964.7/44

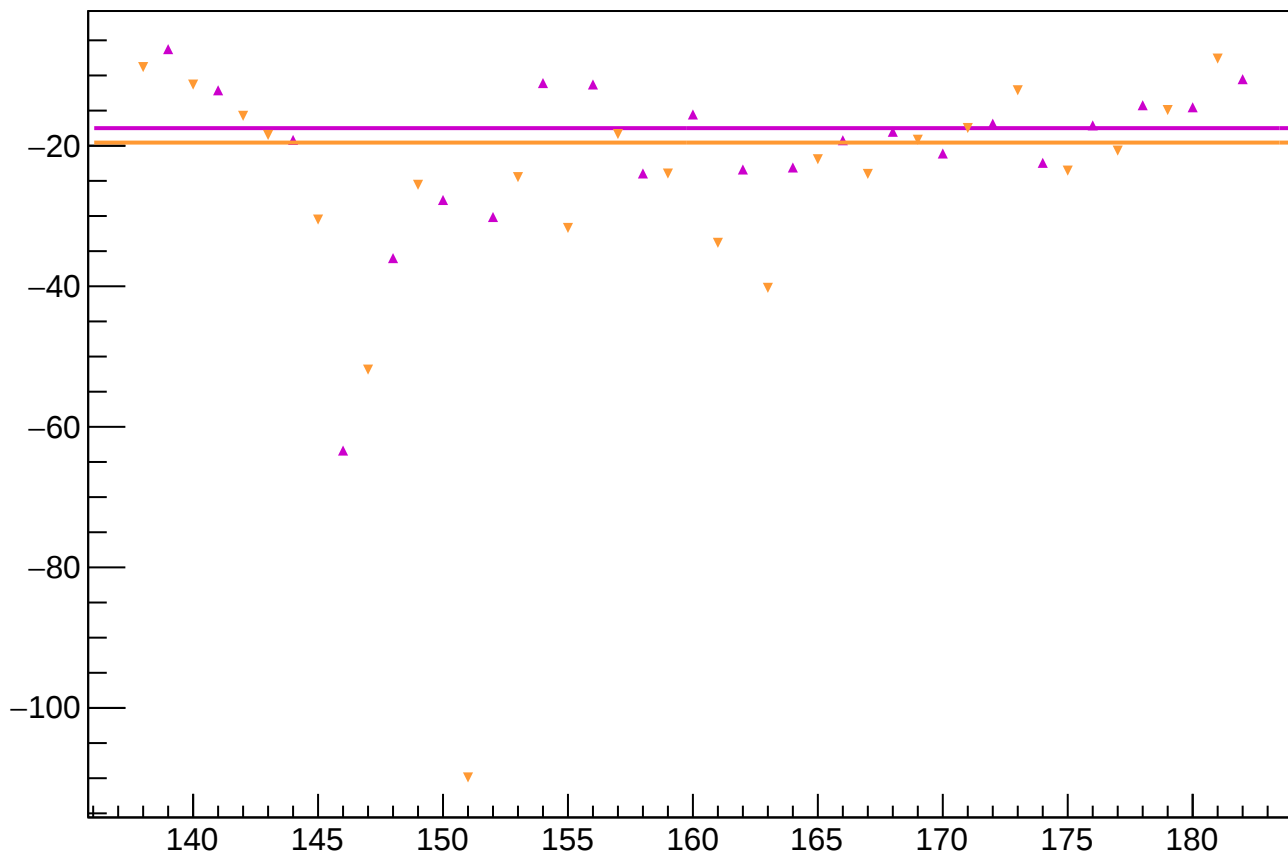
Right: 0.211 $\pm$ 0.003 χ^2/NDF : 1694.9/34

In: 0.102 $\pm$ 0.001 χ^2/NDF : 4918.5/38

Out: 0.127 $\pm$ 0.002 χ^2/NDF : 6014.8/40

All: 0.114 $\pm$ 0.001 χ^2/NDF : 11063.7/79

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.551+/-0.043 χ^2/NDF :81604.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.497+/-0.040 χ^2/NDF :43584.3/21

Left: -18.450+/-0.029 χ^2/NDF : 126424.0/44

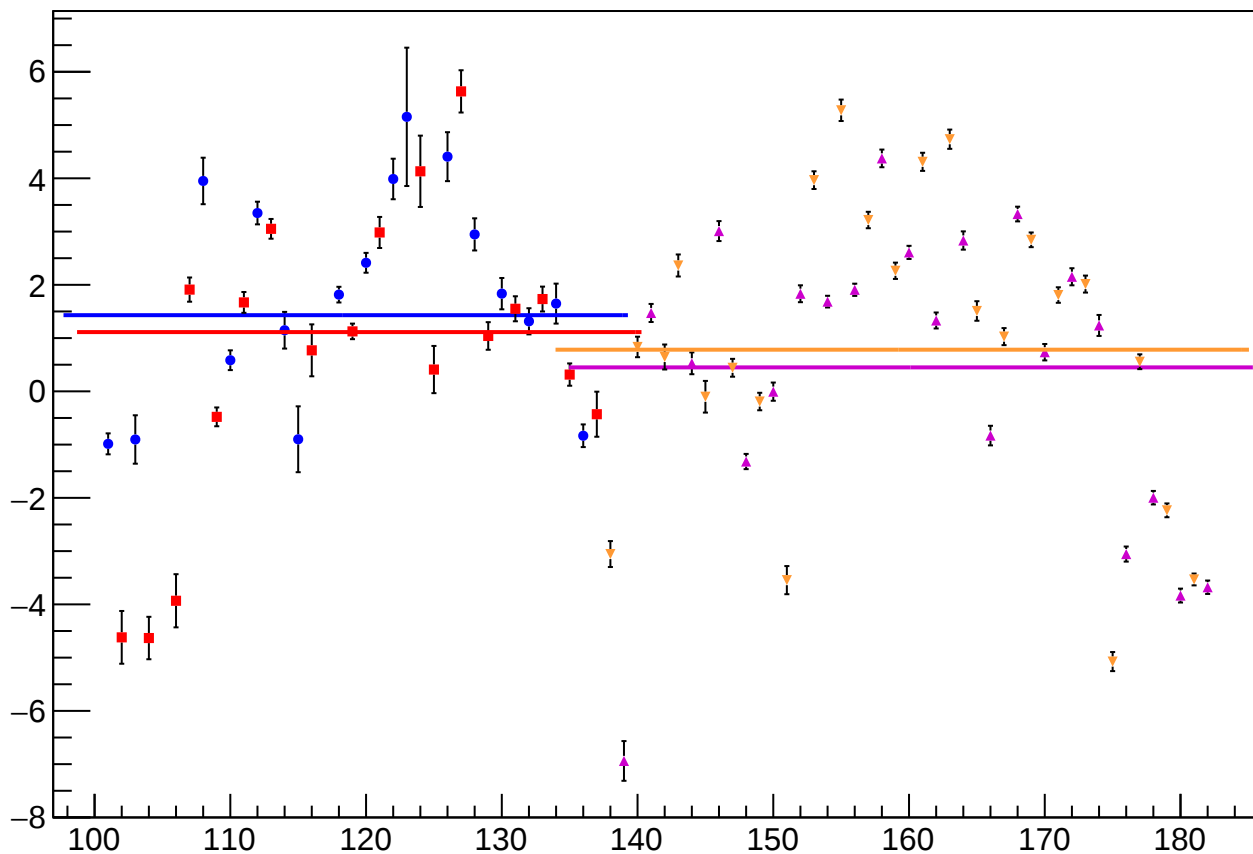
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.497+/-0.040 χ^2/NDF :43584.3/21

Out: -19.551+/-0.043 χ^2/NDF :81604.7/22

All: -18.450+/-0.029 χ^2/NDF : 126424.0/44

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: 0.782 $\pm$ 0.035 χ^2/NDF : 6207.7/22

Right Out: 1.113 $\pm$ 0.060 χ^2/NDF : 887.6/17

Left In: 0.450 $\pm$ 0.032 χ^2/NDF : 5980.0/21

Left: 0.602 $\pm$ 0.024 χ^2/NDF : 12237.2/44

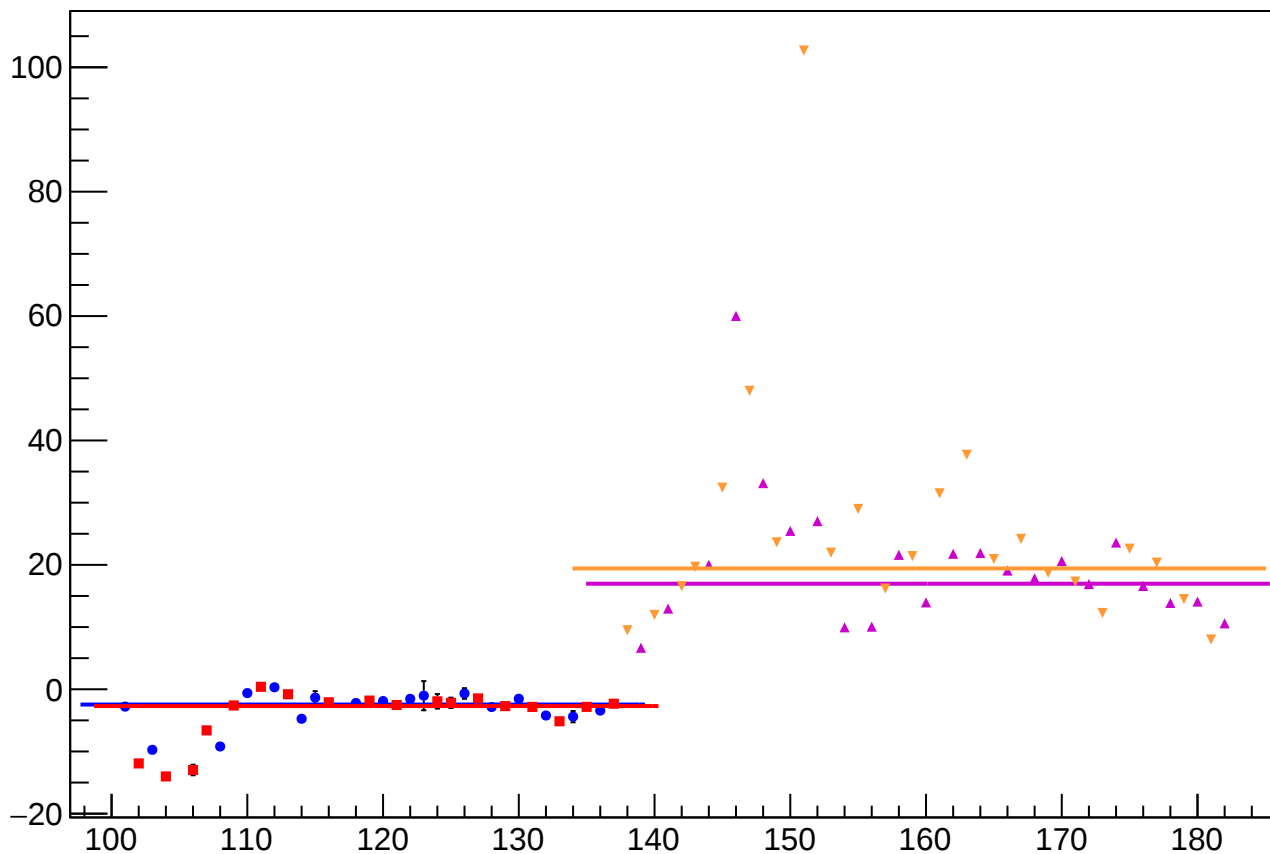
Right: 1.264 $\pm$ 0.043 χ^2/NDF : 1499.0/34

In: 0.652 $\pm$ 0.028 χ^2/NDF : 6771.6/38

Out: 0.865 $\pm$ 0.030 χ^2/NDF : 7118.0/40

All: 0.753 $\pm$ 0.021 χ^2/NDF : 13916.2/79

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 19.425 ± 0.043 χ^2/NDF : 72037.4/22

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 16.970 ± 0.039 χ^2/NDF : 40304.3/21

Left: 18.096 ± 0.029 χ^2/NDF : 114126.1/44

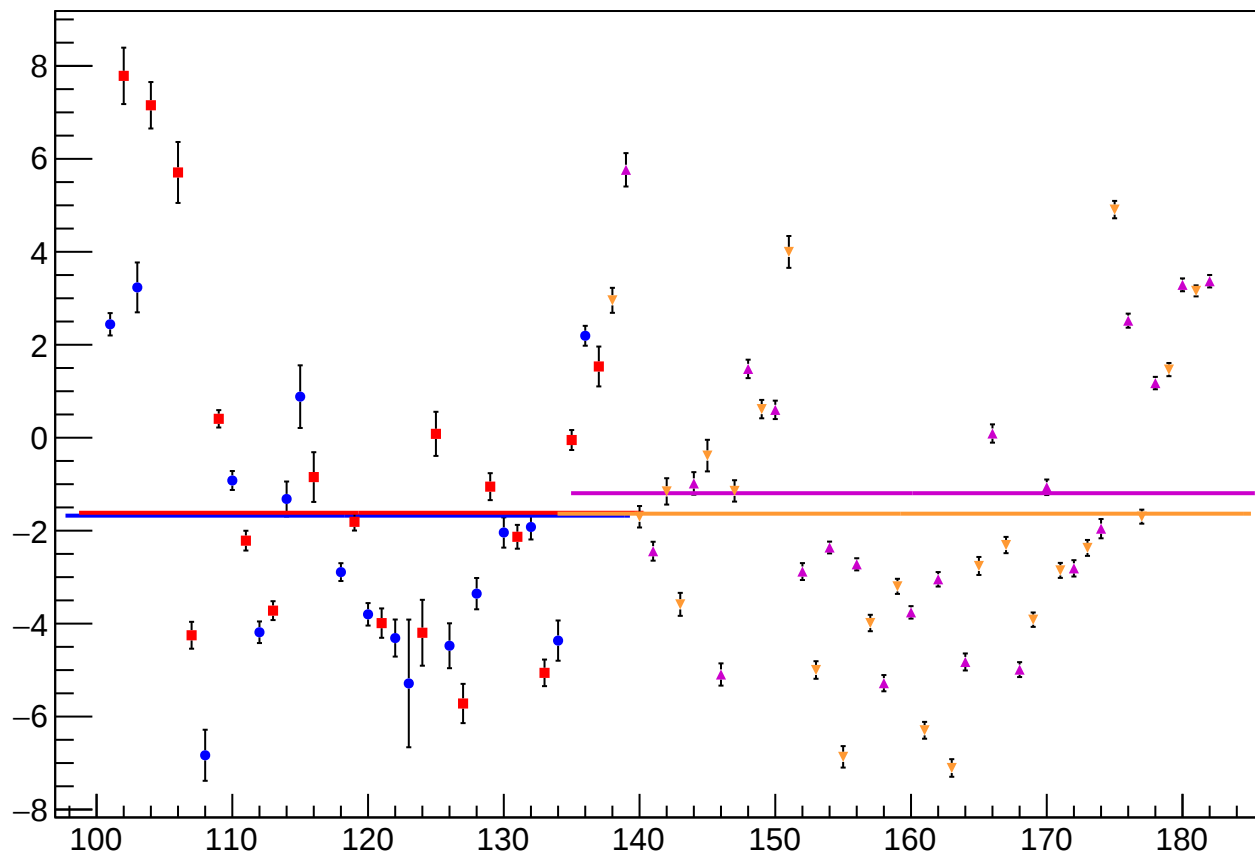
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 14.918 ± 0.037 χ^2/NDF : 66439.8/38

Out: 16.202 ± 0.040 χ^2/NDF : 111859.6/40

All: 15.522 ± 0.027 χ^2/NDF : 178859.0/79

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: -1.635 ± 0.039 χ^2/NDF : 7041.3/22

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.194 ± 0.036 χ^2/NDF : 6515.6/21

Left: -1.395 ± 0.026 χ^2/NDF : 13627.0/44

Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.288 ± 0.032 χ^2/NDF : 7756.1/38

Out: -1.630 ± 0.034 χ^2/NDF : 8468.7/40

All: -1.449 ± 0.023 χ^2/NDF : 16279.1/79

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected

