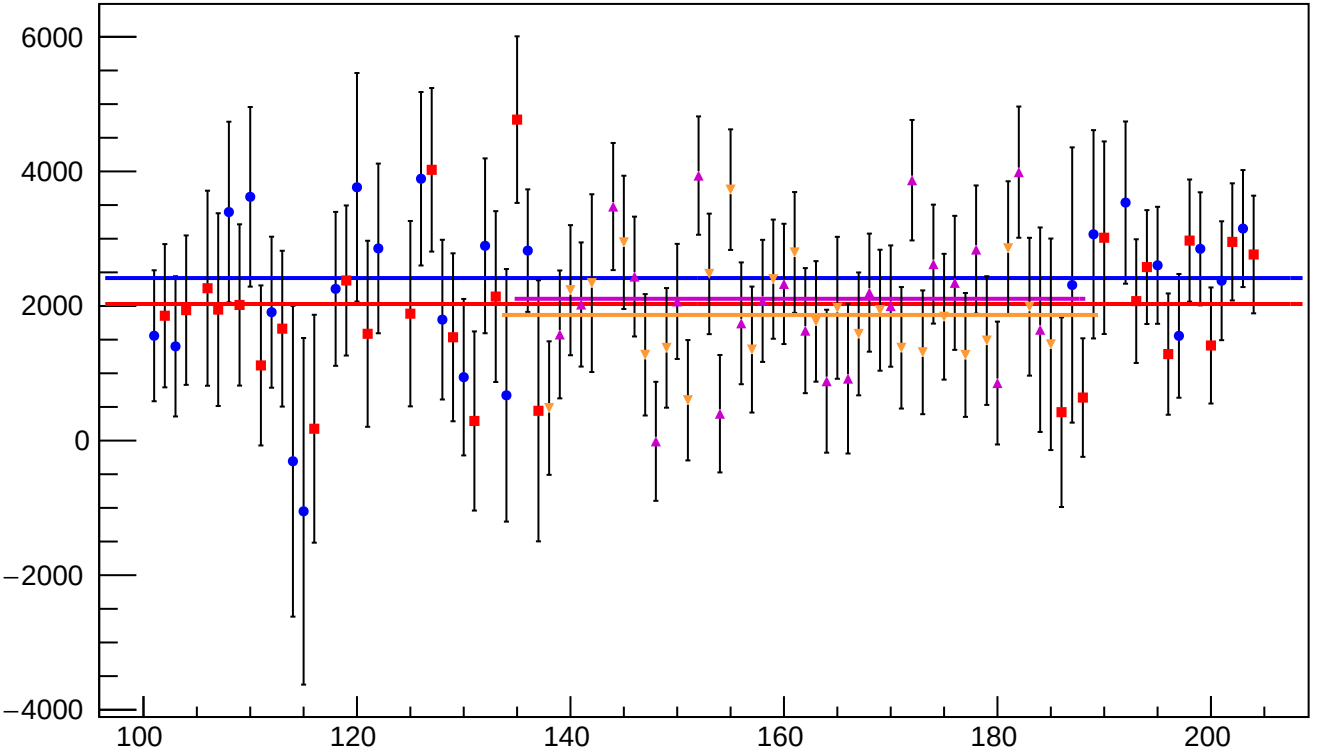
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2415.321+/-235.873 χ^2/NDF: 14.6/23

Left Out: 1867.512+/-194.801 χ^2/NDF:15.1/23

Right Out: 2029.965+/-214.617 χ^2/NDF: 21.1/26

Left In: 2107.246+/-194.959 χ^2/NDF:30.0/22

Left: 1987.282+/-137.801 χ^2/NDF: 45.9/46

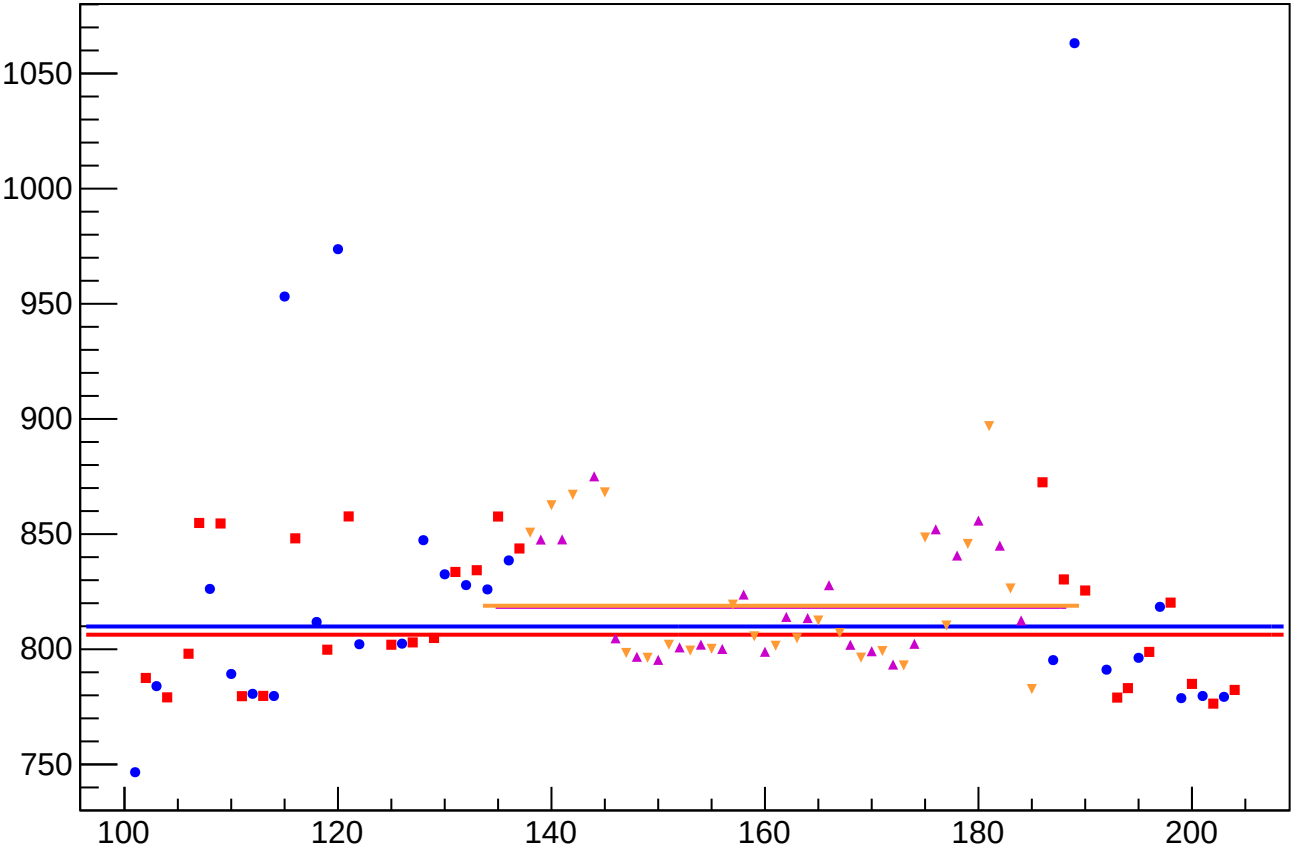
Right: 2204.500+/-158.741 χ^2/NDF: 37.1/50

In: 2232.289+/-150.273 χ^2/NDF:45.6/46

Out: 1940.894+/-144.243 χ^2/NDF:36.5/50

All: 2080.629+/-104.062 χ^2/NDF: 84.1/97

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 809.889+/-0.167 χ^2/NDF: 104743.0/23

Left Out: 818.900+/-0.138 χ^2/NDF:41670.9/23

Right Out: 806.324+/-0.152 χ^2/NDF: 34798.3/26

Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

Left: 818.652+/-0.097 χ^2/NDF: 71584.4/46

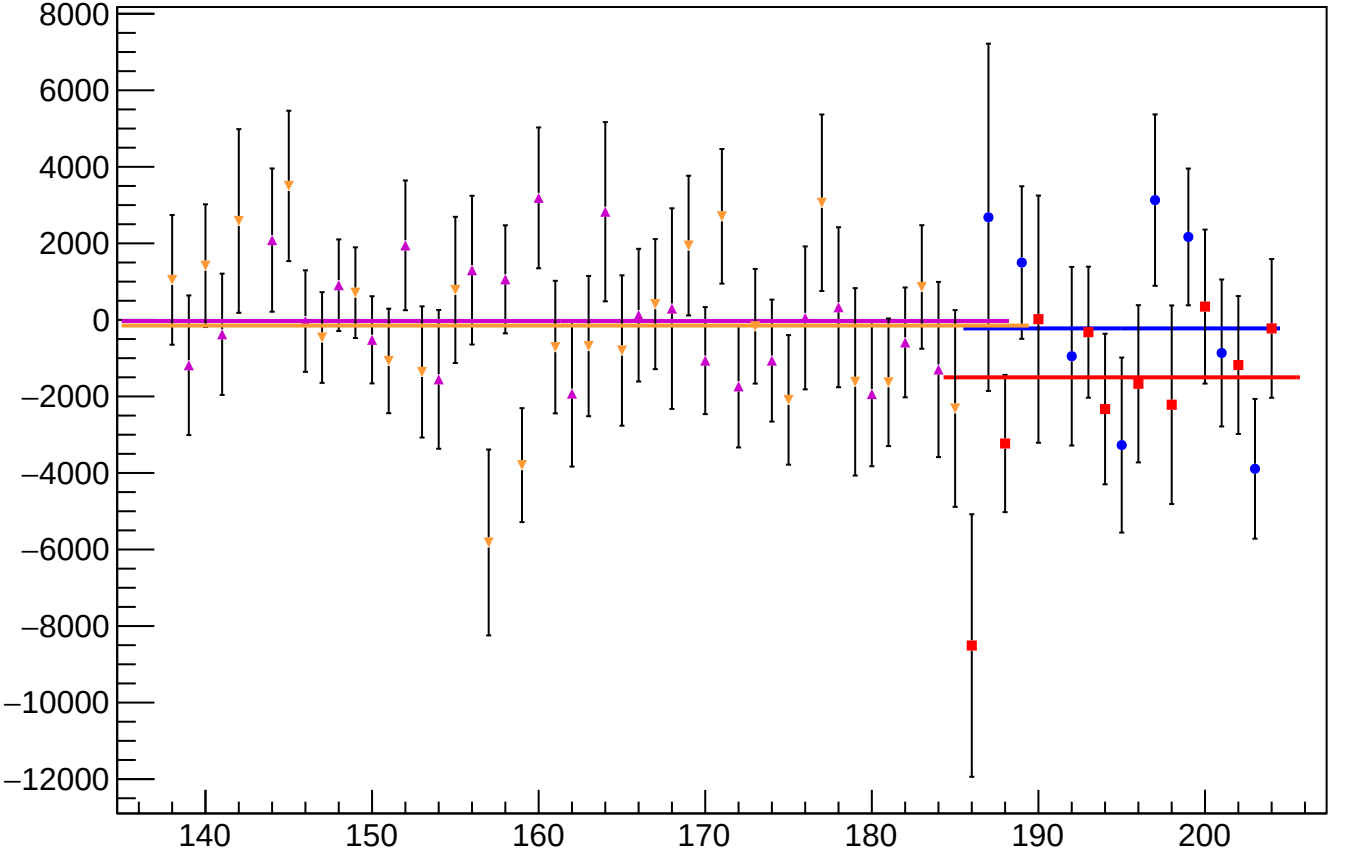
Right: 807.939+/-0.112 χ^2/NDF: 139791.3/50

In: 814.947+/-0.106 χ^2/NDF:136198.0/46

Out: 813.219+/-0.102 χ^2/NDF:80234.6/50

All: 814.048+/-0.074 χ^2/NDF: 216570.3/97

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -222.156+/-754.087 χ^2/NDF: 11.2/7

Left Out: -147.864+/-347.750 χ^2/NDF:29.3/23

Right Out: -1500.952+/-654.250 χ^2/NDF: 7.4/9

Left In: -27.722+/-344.229 χ^2/NDF:14.8/22

Left: -87.182+/-244.642 χ^2/NDF: 44.2/46

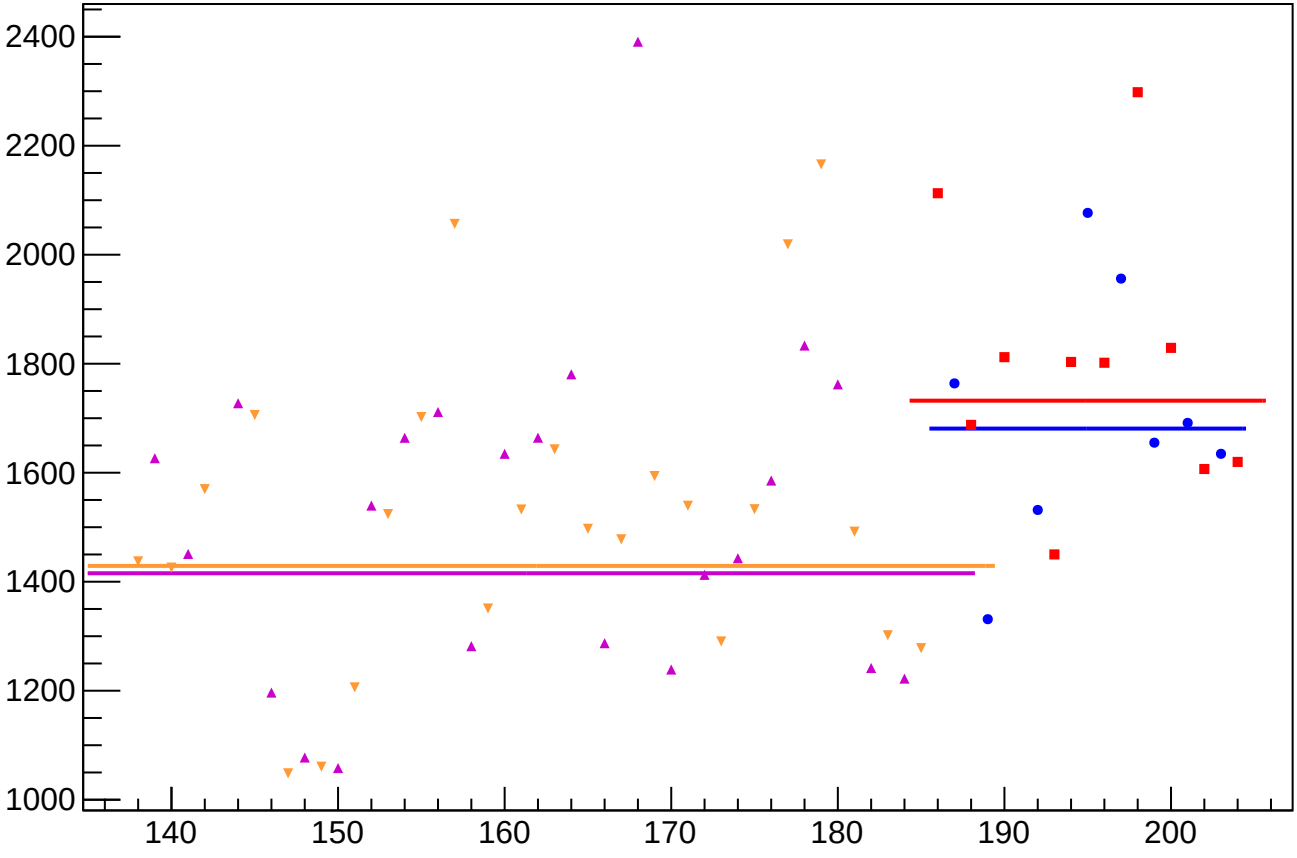
Right: -951.754+/-494.180 χ^2/NDF: 20.3/17

In: -61.251+/-313.146 χ^2/NDF:26.1/30

Out: -445.928+/-307.069 χ^2/NDF:40.1/33

All: -257.358+/-219.247 χ^2/NDF: 66.9/64

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1680.979+/-0.533 χ^2/NDF: 162220.0/7

Left Out: 1429.065+/-0.246 χ^2/NDF:1106949.6/23

Right Out: 1732.189+/-0.463 χ^2/NDF: 203430.6/9

Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

Left: 1422.241+/-0.173 χ^2/NDF: 2354077.8/46

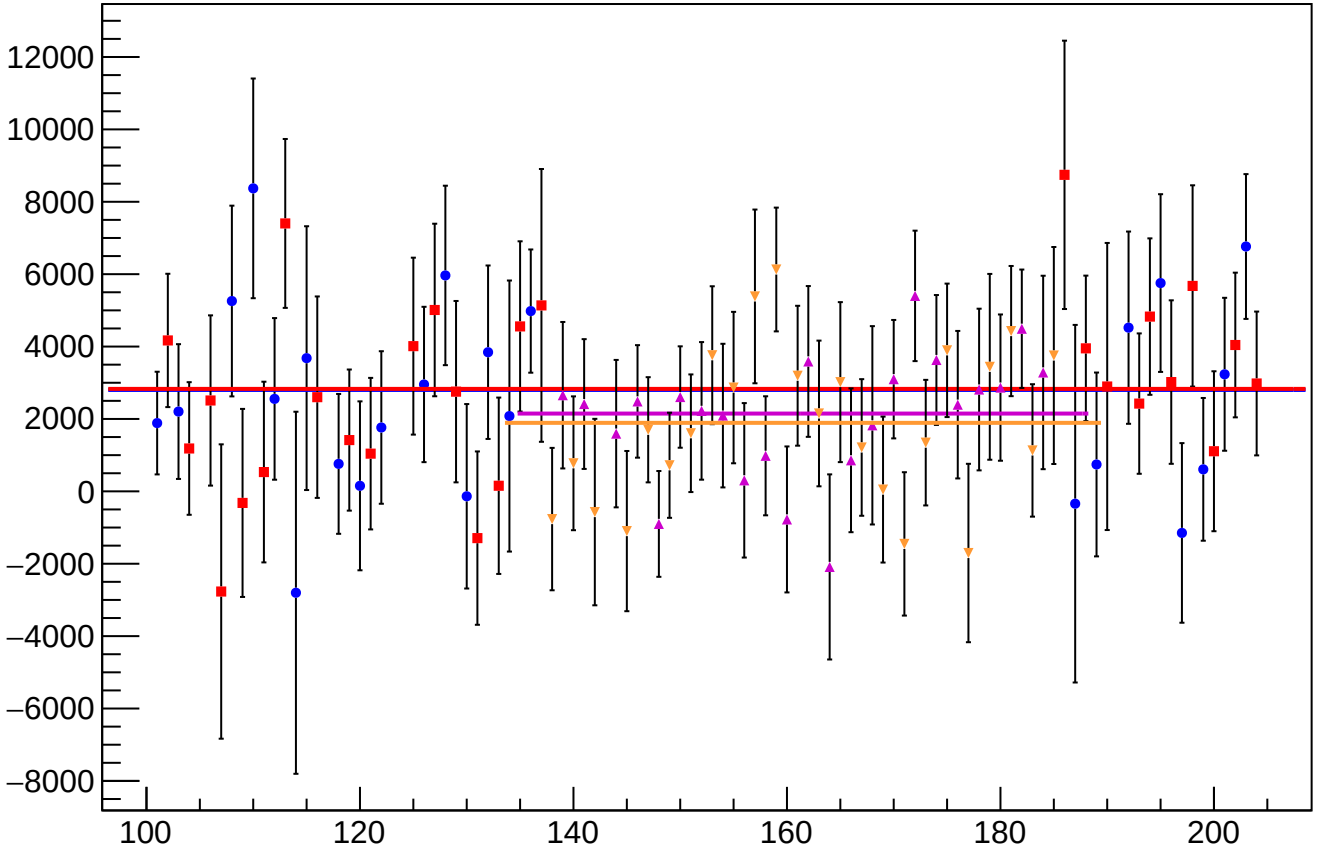
Right: 1710.196+/-0.349 χ^2/NDF: 370912.9/17

In: 1461.326+/-0.221 χ^2/NDF:1612876.5/30

Out: 1495.838+/-0.217 χ^2/NDF:1645129.9/33

All: 1478.920+/-0.155 χ^2/NDF: 3270391.0/64

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2801.738+/-468.658 χ^2/NDF: 24.2/23

Left Out: 1892.511+/-394.798 χ^2/NDF:25.9/23

Right Out: 2830.717+/-449.835 χ^2/NDF: 22.6/26

Left In: 2148.867+/-391.716 χ^2/NDF:18.4/22

Left: 2021.694+/-278.068 χ^2/NDF: 44.6/46

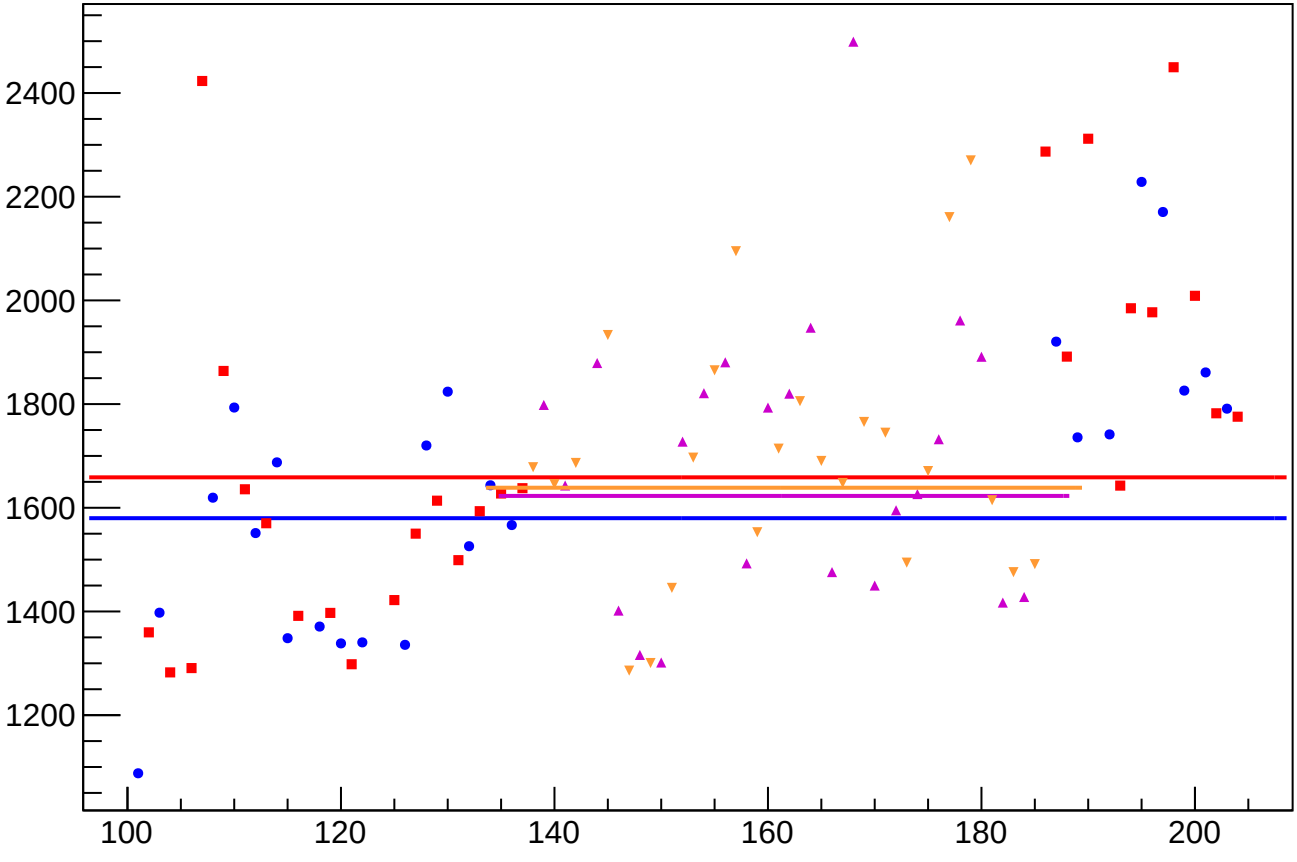
Right: 2816.821+/-324.532 χ^2/NDF: 46.8/50

In: 2417.380+/-300.556 χ^2/NDF:43.8/46

Out: 2300.738+/-296.726 χ^2/NDF:51.0/50

All: 2358.311+/-211.158 χ^2/NDF: 94.9/97

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1579.932+/-0.331 χ^2/NDF: 768858.8/23

Left Out: 1638.679+/-0.279 χ^2/NDF:671983.1/23

Right Out: 1658.701+/-0.318 χ^2/NDF: 870944.0/26

Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

Left: 1630.716+/-0.197 χ^2/NDF: 1454120.1/46

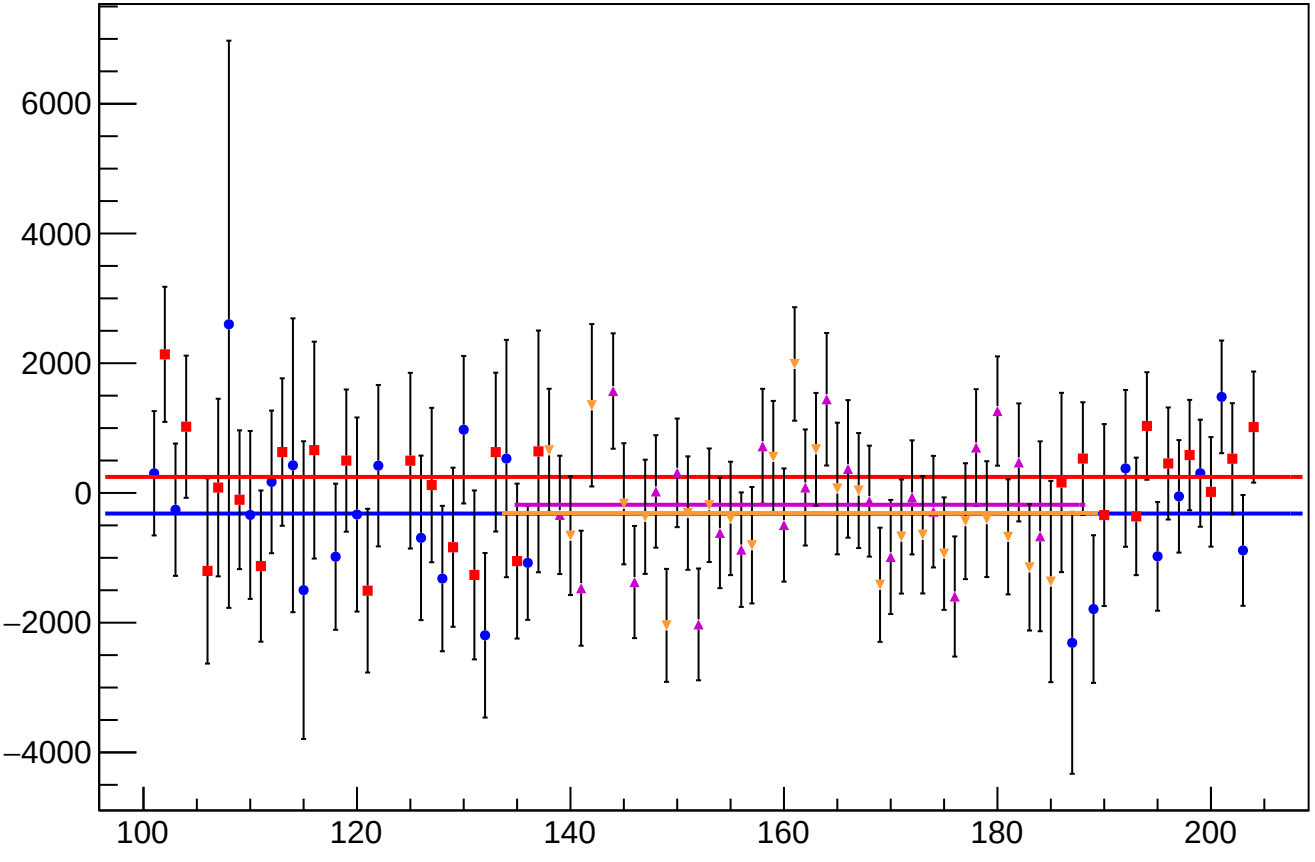
Right: 1620.930+/-0.229 χ^2/NDF: 1669208.9/50

In: 1605.214+/-0.213 χ^2/NDF:1559267.2/46

Out: 1647.391+/-0.210 χ^2/NDF:1545165.3/50

All: 1626.573+/-0.149 χ^2/NDF: 3124377.5/97

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -317.508+/-230.554 χ^2/NDF: 16.5/23

Left Out: -308.819+/-187.448 χ^2/NDF:20.6/23

Right Out: 247.225+/-208.410 χ^2/NDF: 14.8/26

Left In: -181.983+/-187.935 χ^2/NDF:25.6/22

Left: -245.566+/-132.717 χ^2/NDF: 46.4/46

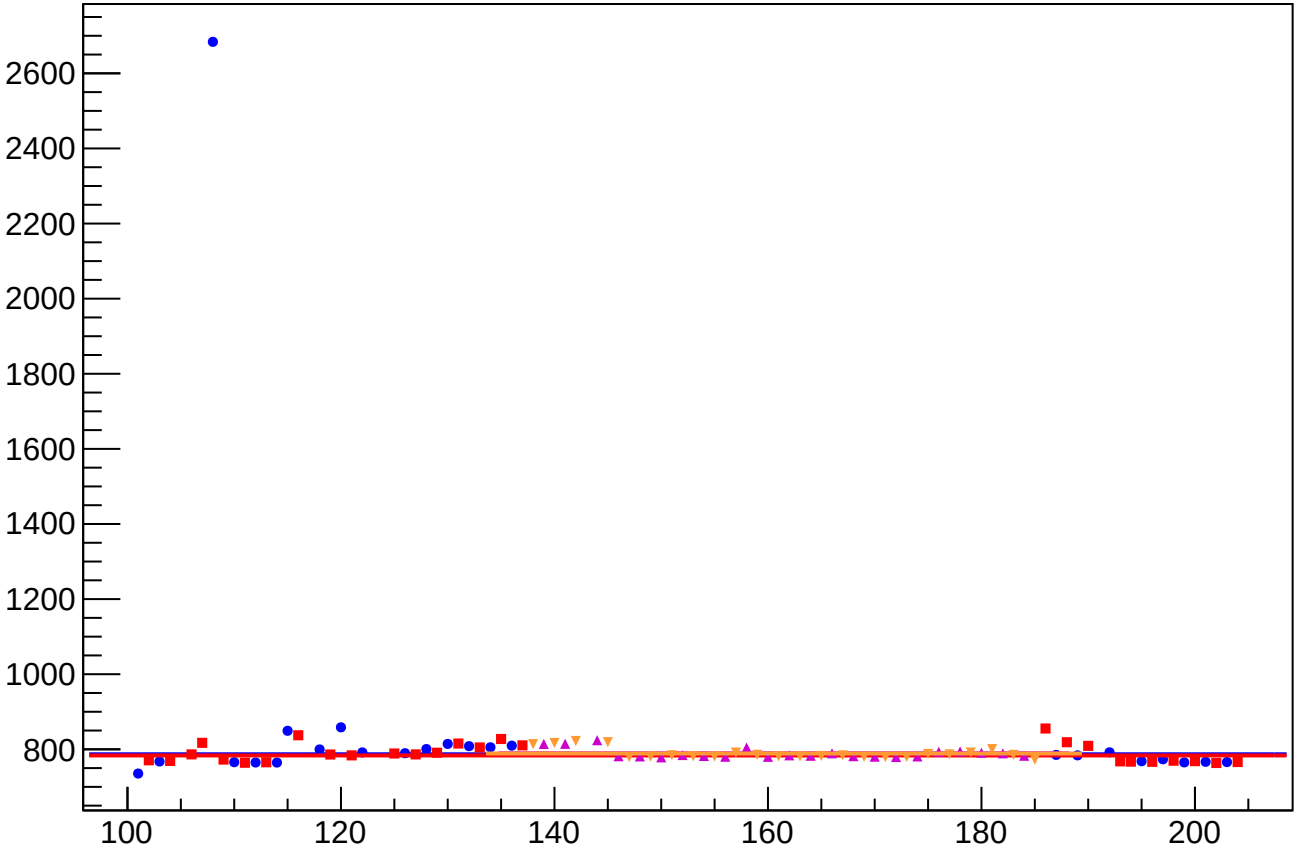
Right: -6.725+/-154.606 χ^2/NDF: 34.6/50

In: -236.085+/-145.670 χ^2/NDF:42.2/46

Out: -60.160+/-139.369 χ^2/NDF:39.3/50

All: -144.235+/-100.703 χ^2/NDF: 82.3/97

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 786.784+/-0.163 χ^2/NDF: 399634.8/23

Left Out: 788.886+/-0.133 χ^2/NDF:9342.2/23

Right Out: 783.635+/-0.147 χ^2/NDF: 24864.6/26

Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

Left: 789.145+/-0.094 χ^2/NDF: 18569.0/46

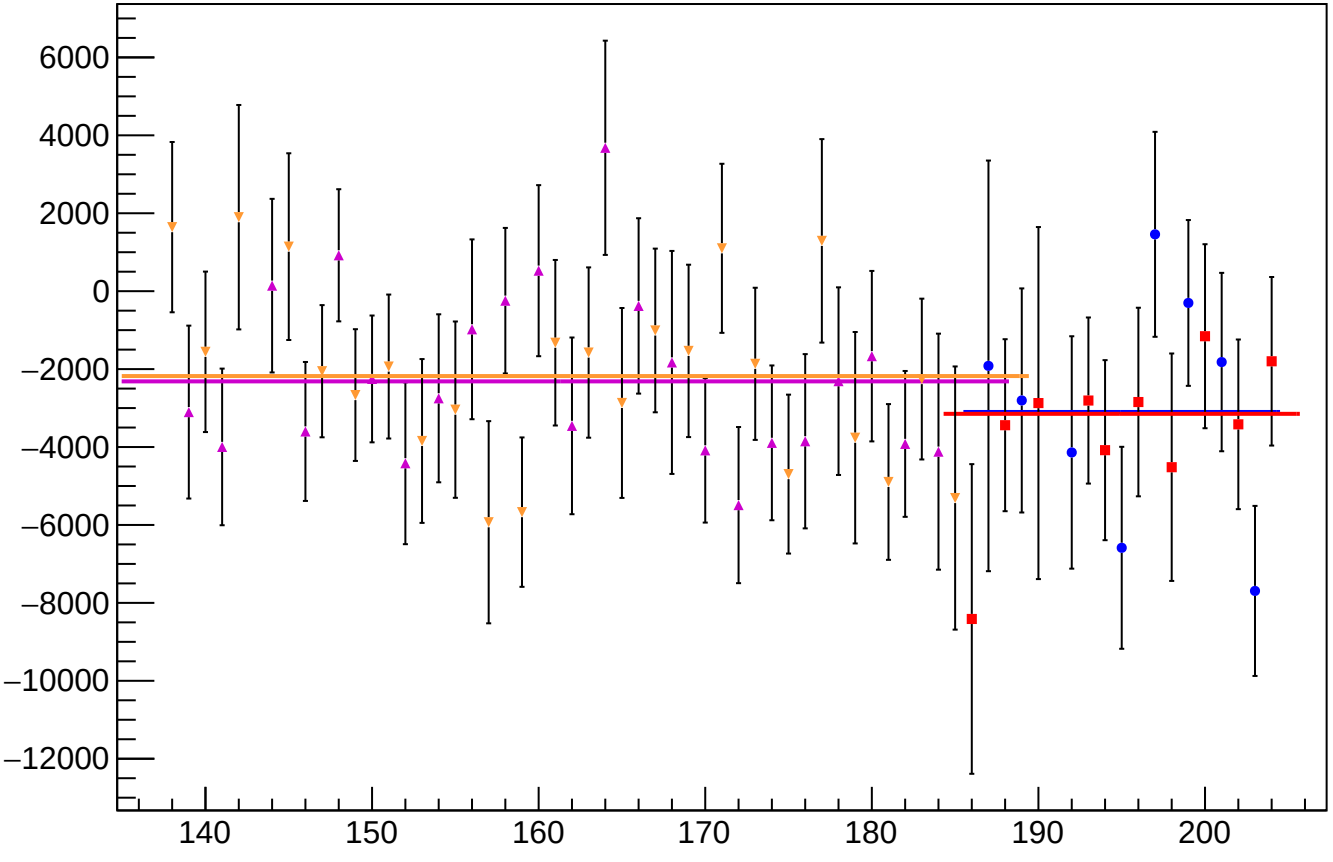
Right: 785.051+/-0.109 χ^2/NDF: 424704.7/50

In: 788.359+/-0.103 χ^2/NDF:409009.4/46

Out: 786.538+/-0.099 χ^2/NDF:34908.6/50

All: 787.408+/-0.071 χ^2/NDF: 444081.3/97

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3100.244+/-918.857 χ^2/NDF: 11.5/7

Left Out: -2178.467+/-439.661 χ^2/NDF:22.7/23

Right Out: -3147.832+/-786.359 χ^2/NDF: 3.3/9

Left In: -2315.169+/-437.003 χ^2/NDF:22.0/22

Left: -2247.233+/-309.943 χ^2/NDF: 44.8/46

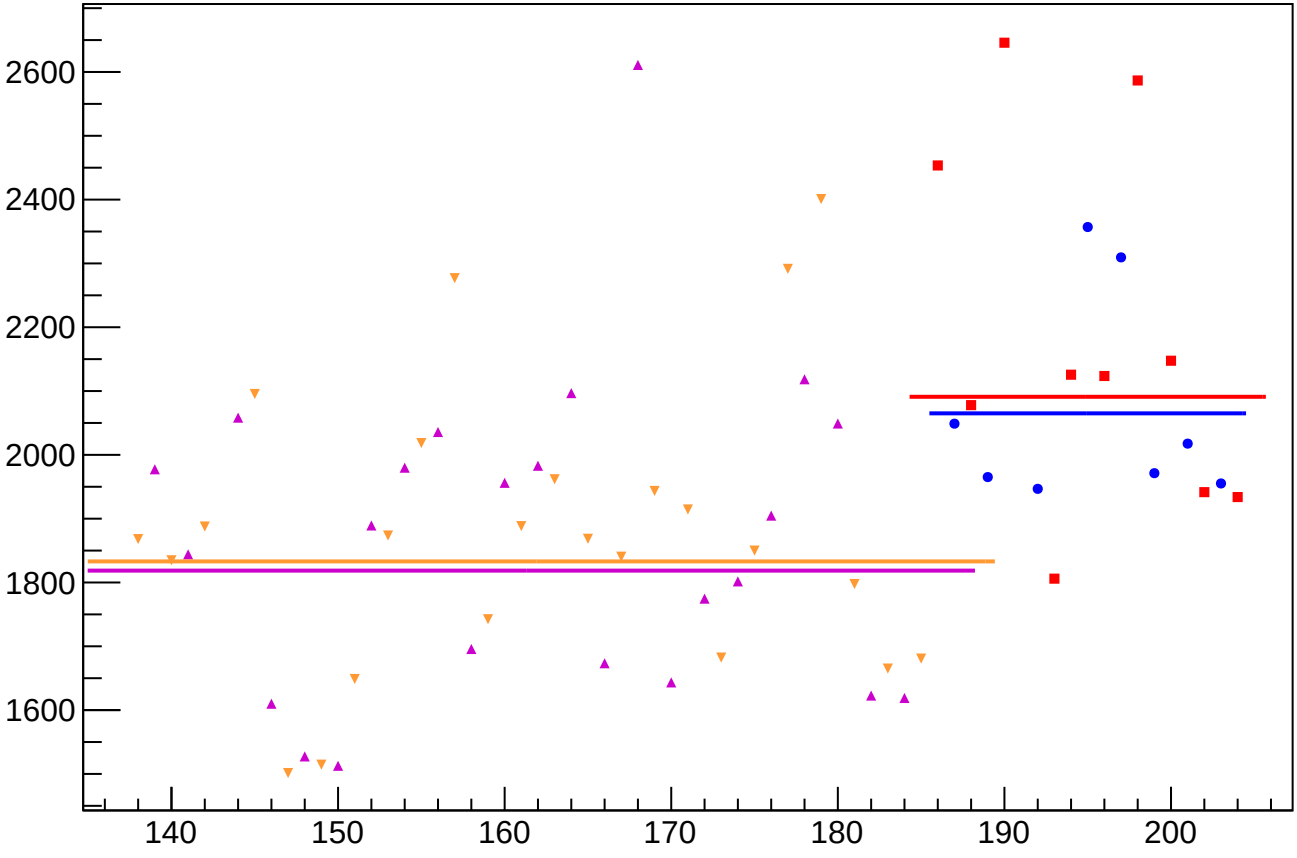
Right: -3127.714+/-597.444 χ^2/NDF: 14.8/17

In: -2459.988+/-394.644 χ^2/NDF:34.1/30

Out: -2409.326+/-383.752 χ^2/NDF:27.2/33

All: -2433.949+/-275.124 χ^2/NDF: 61.3/64

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 2065.052+/-0.650 χ^2/NDF: 58039.4/7

Left Out: 1833.028+/-0.311 χ^2/NDF:465466.9/23

Right Out: 2090.998+/-0.556 χ^2/NDF: 162270.7/9

Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

Left: 1825.767+/-0.219 χ^2/NDF: 1003377.8/46

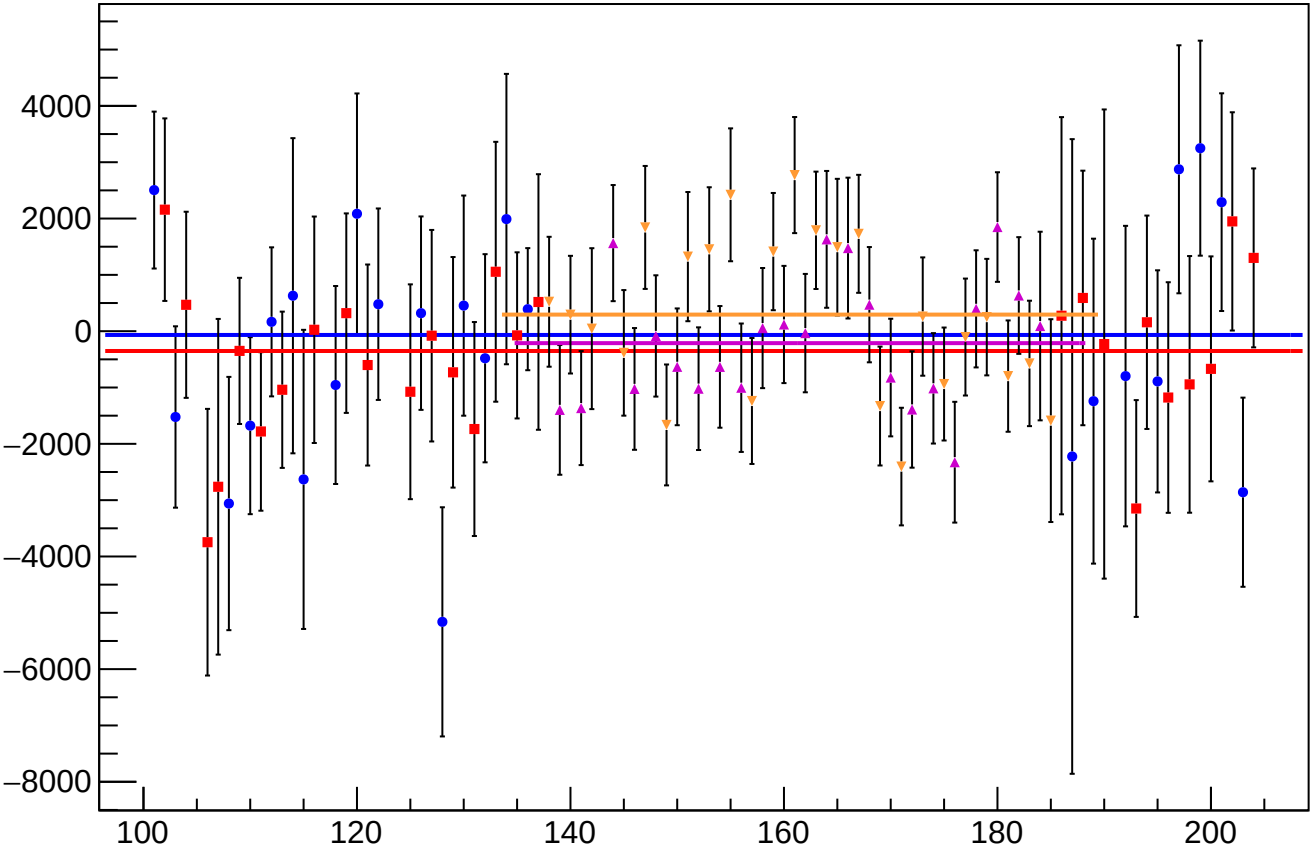
Right: 2080.029+/-0.422 χ^2/NDF: 221230.5/17

In: 1864.057+/-0.279 χ^2/NDF:712210.5/30

Out: 1894.465+/-0.271 χ^2/NDF:791718.2/33

All: 1879.686+/-0.195 χ^2/NDF: 1510031.5/64

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -66.934+/-377.334 χ^2/NDF: 26.3/23

Left Out: 294.652+/-224.344 χ^2/NDF:38.3/23

Right Out: -351.654+/-360.827 χ^2/NDF: 13.3/26

Left In: -212.080+/-224.701 χ^2/NDF:23.7/22

Left: 41.688+/-158.761 χ^2/NDF: 64.6/46

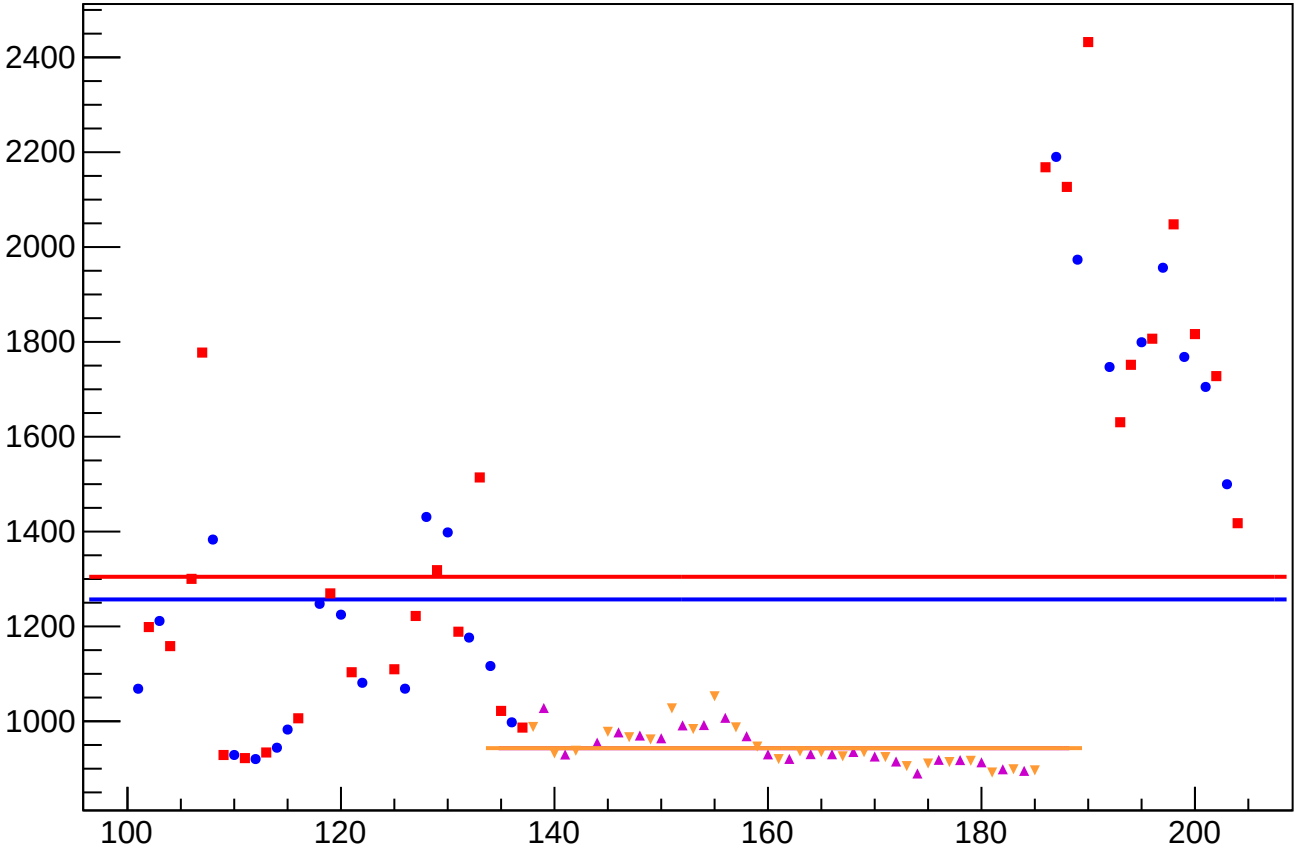
Right: -215.658+/-260.783 χ^2/NDF: 39.9/50

In: -174.084+/-193.062 χ^2/NDF:50.2/46

Out: 114.463+/-190.521 χ^2/NDF:53.9/50

All: -27.899+/-135.608 χ^2/NDF: 105.2/97

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1256.907+/-0.267 χ^2/NDF: 1394303.2/23

Left Out: 943.327+/-0.159 χ^2/NDF:60410.5/23

Right Out: 1304.665+/-0.255 χ^2/NDF: 2034643.9/26

Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

Left: 943.232+/-0.112 χ^2/NDF: 110359.4/46

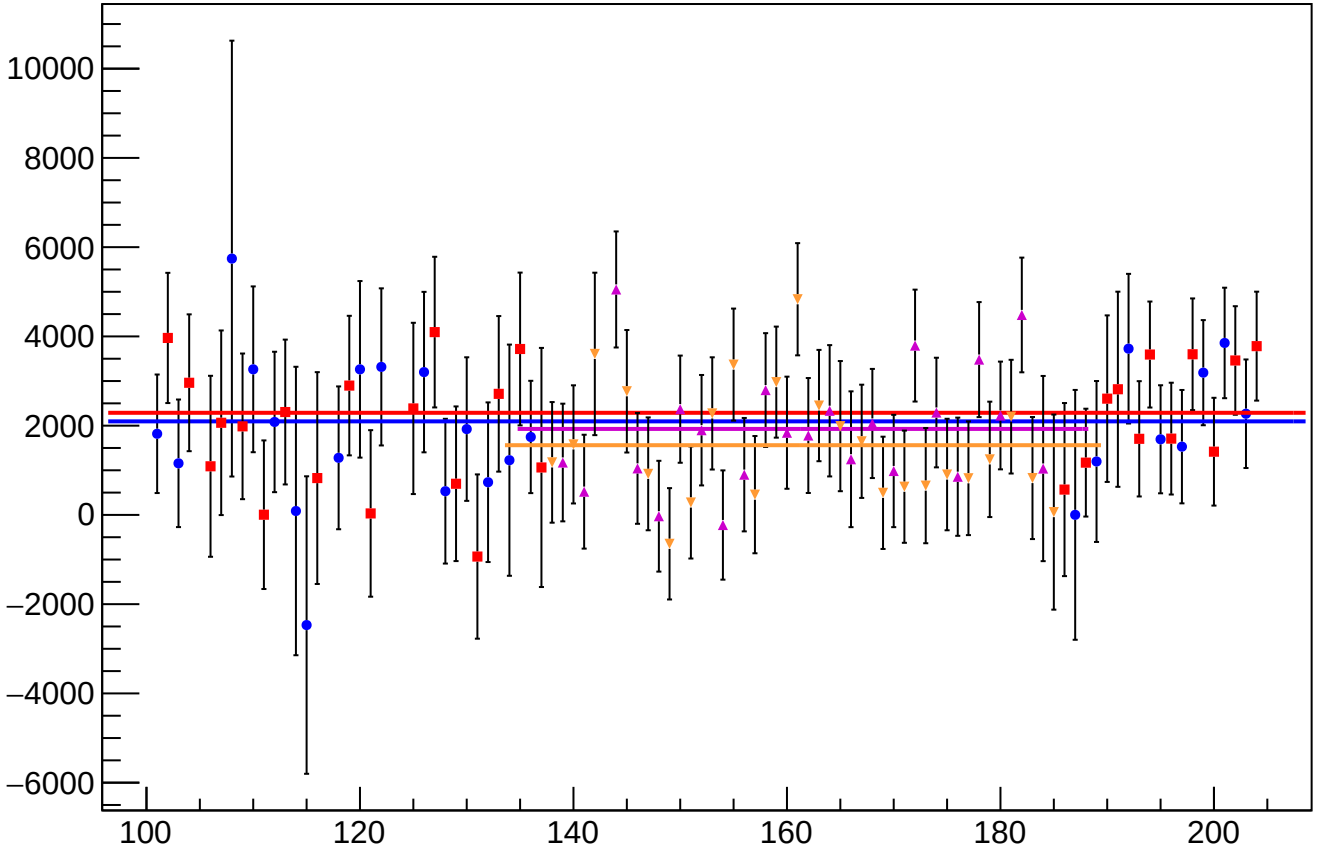
Right: 1281.854+/-0.184 χ^2/NDF: 3445682.6/50

In: 1025.276+/-0.137 χ^2/NDF:2465160.0/46

Out: 1044.068+/-0.135 χ^2/NDF:3541551.1/50

All: 1034.797+/-0.096 χ^2/NDF: 6016310.3/97

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2096.267+/-328.667 χ^2/NDF: 11.8/23

Left Out: 1562.090+/-269.272 χ^2/NDF:21.8/23

Right Out: 2288.383+/-295.058 χ^2/NDF: 19.2/27

Left In: 1926.929+/-269.667 χ^2/NDF:24.1/22

Left: 1744.243+/-190.544 χ^2/NDF: 46.8/46

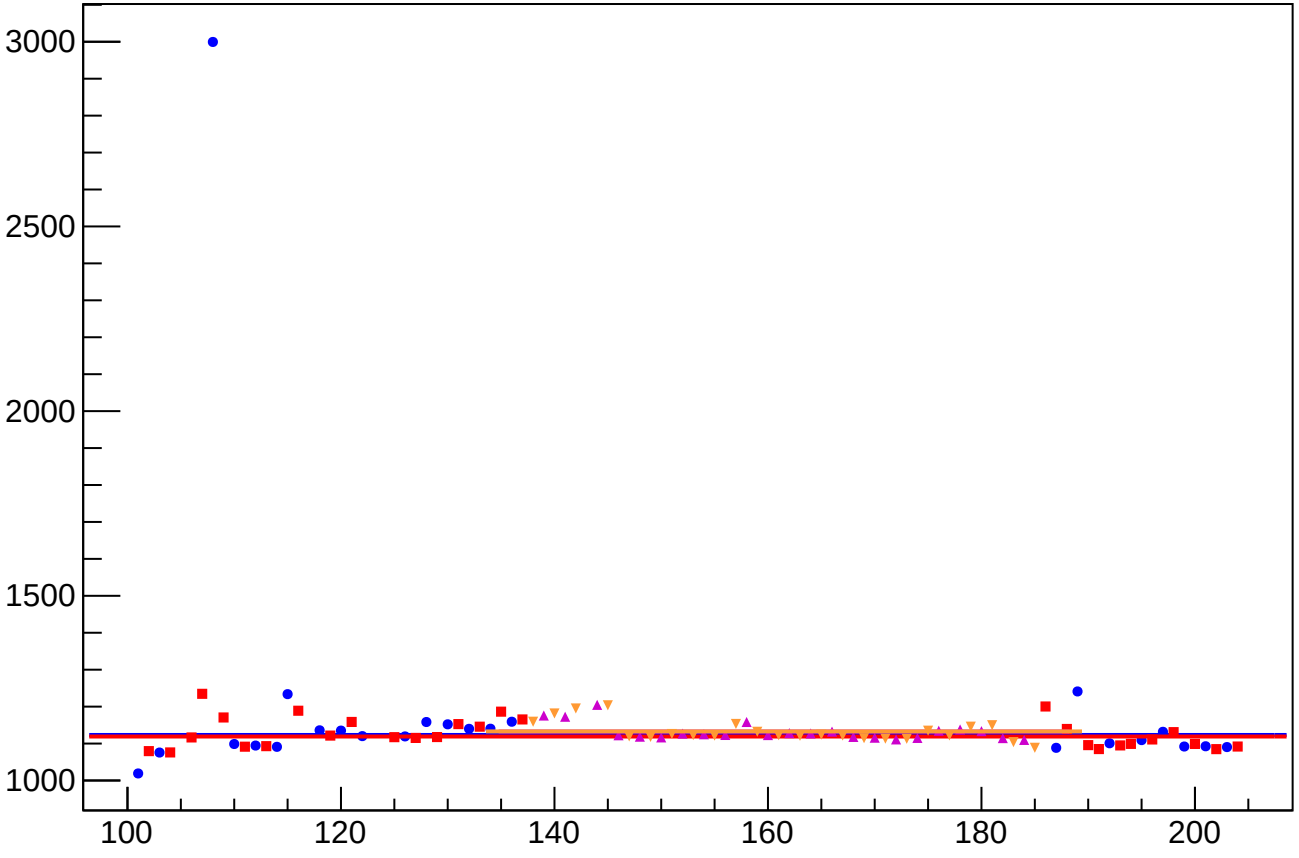
Right: 2202.647+/-219.561 χ^2/NDF: 31.2/51

In: 1995.061+/-208.475 χ^2/NDF:36.1/46

Out: 1892.120+/-198.897 χ^2/NDF:44.3/51

All: 1941.172+/-143.908 χ^2/NDF: 80.5/98

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1123.267+/-0.232 χ^2/NDF: 330467.2/23

Left Out: 1132.882+/-0.190 χ^2/NDF:16786.8/23

Right Out: 1119.089+/-0.209 χ^2/NDF: 29342.4/27

Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

Left: 1132.727+/-0.135 χ^2/NDF: 31312.9/46

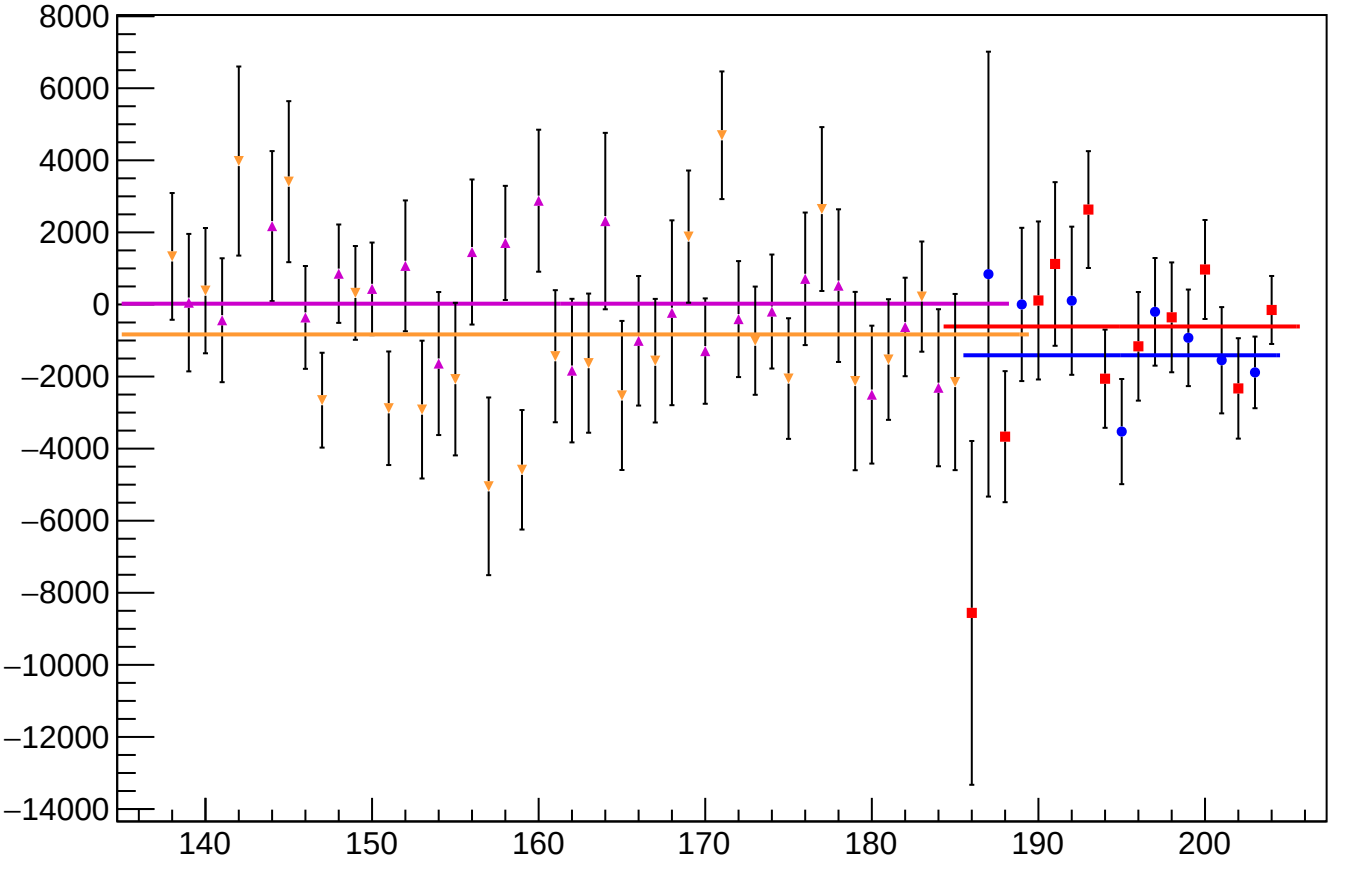
Right: 1120.954+/-0.155 χ^2/NDF: 359988.5/51

In: 1128.827+/-0.147 χ^2/NDF:345949.8/46

Out: 1126.615+/-0.141 χ^2/NDF:48513.7/51

All: 1127.669+/-0.102 χ^2/NDF: 394581.4/98

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1409.823+/-539.758 χ^2/NDF: 4.2/7

Left Out: -830.927+/-366.086 χ^2/NDF:40.1/23

Right Out: -610.763+/-460.894 χ^2/NDF: 14.7/10

Left In: 21.419+/-362.476 χ^2/NDF:12.8/22

Left: -400.530+/-257.576 χ^2/NDF: 55.6/46

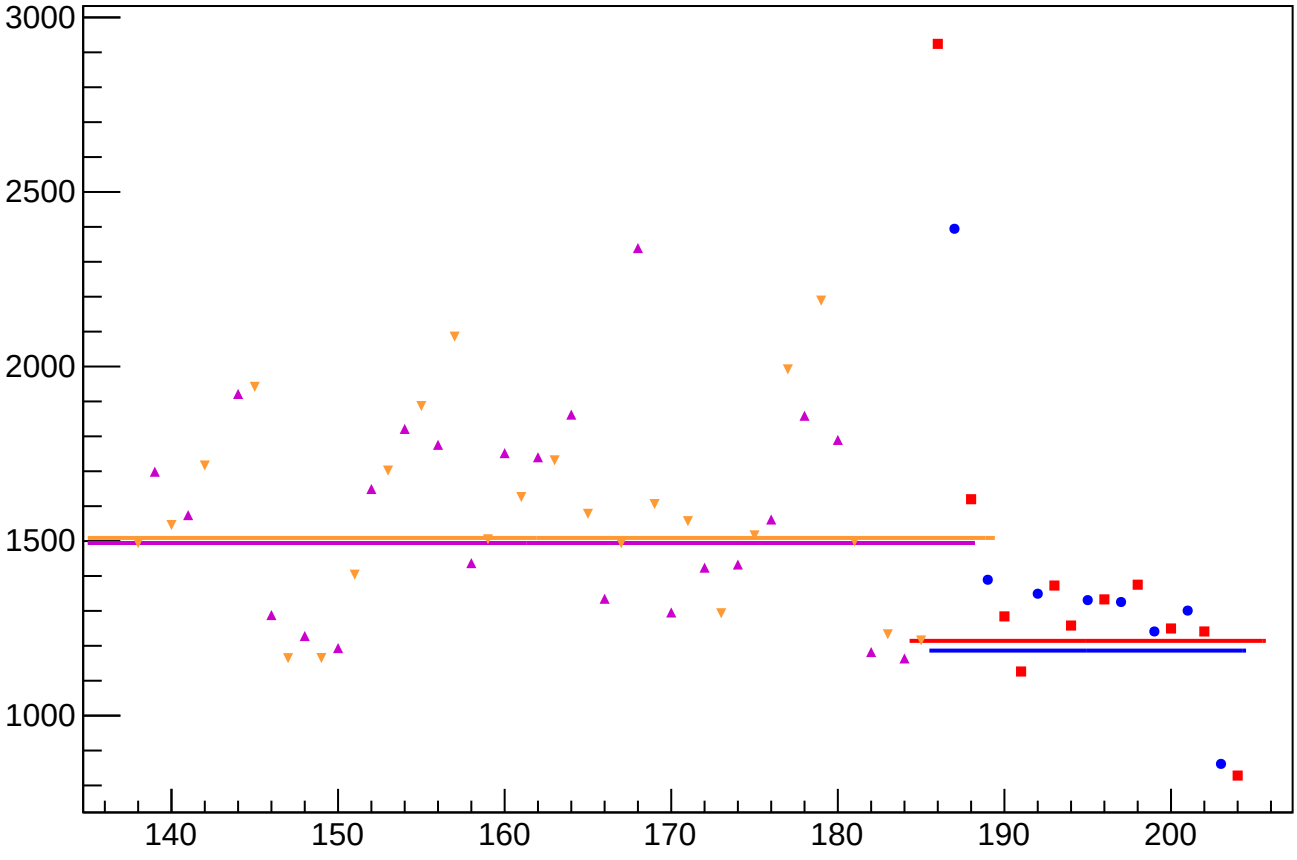
Right: -947.706+/-350.500 χ^2/NDF: 20.2/18

In: -423.428+/-300.918 χ^2/NDF:21.8/30

Out: -745.758+/-286.661 χ^2/NDF:54.9/34

All: -592.409+/-207.557 χ^2/NDF: 77.4/65

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1186.278+/-0.382 χ^2/NDF: 373249.1/7

Left Out: 1508.993+/-0.259 χ^2/NDF:988673.2/23

Right Out: 1214.198+/-0.326 χ^2/NDF: 754288.0/10

Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

Left: 1501.678+/-0.182 χ^2/NDF: 2086534.9/46

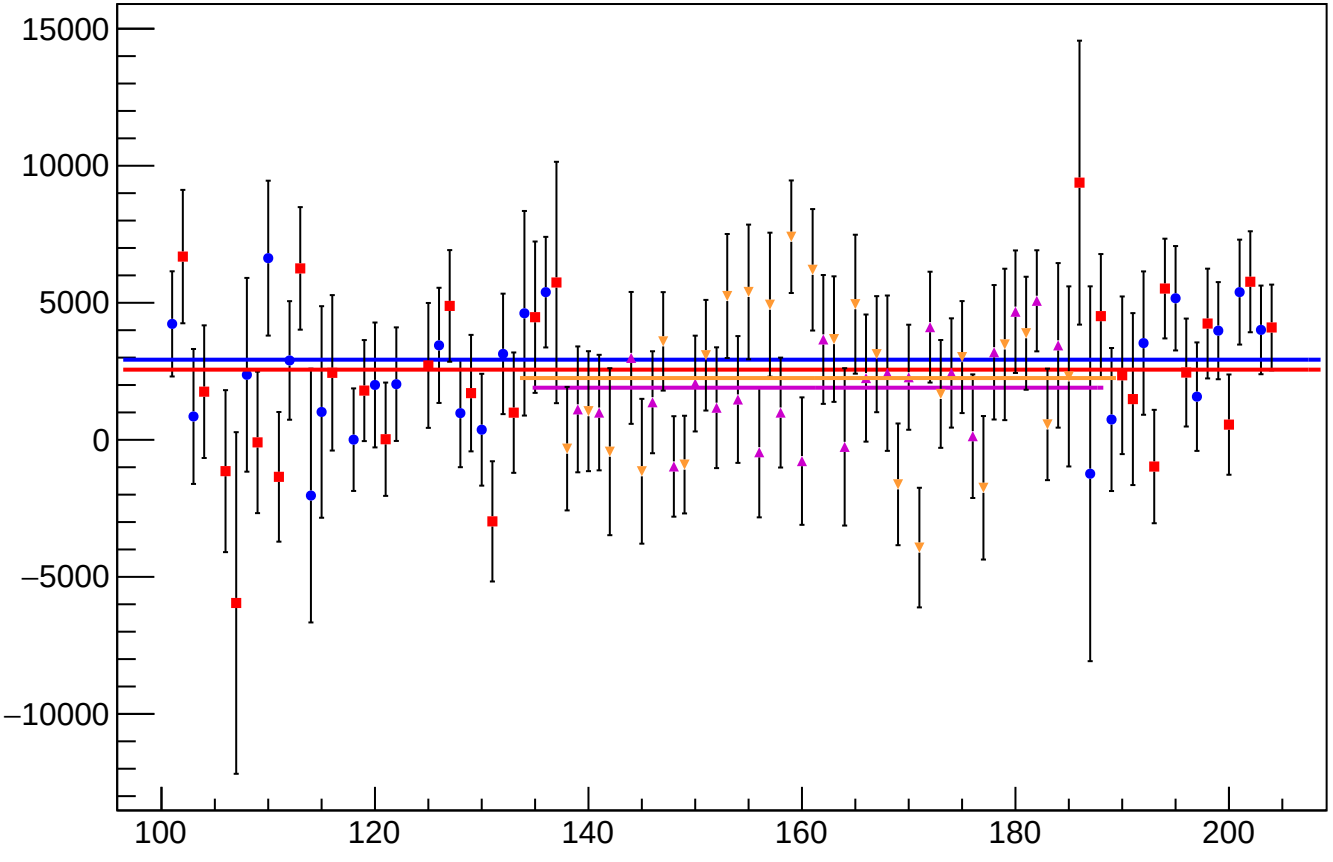
Right: 1202.425+/-0.248 χ^2/NDF: 1130632.0/18

In: 1398.706+/-0.213 χ^2/NDF:1919015.7/30

Out: 1394.953+/-0.203 χ^2/NDF:2244652.0/34

All: 1396.739+/-0.147 χ^2/NDF: 4163830.8/65

asym_usl_mean vs Slug, Sign Corrected



Right In: 2924.205+/-458.914 χ^2/NDF: 16.8/23

Left Out: 2253.979+/-456.390 χ^2/NDF:38.7/23

Right Out: 2560.653+/-429.751 χ^2/NDF: 38.0/27

Left In: 1901.797+/-453.879 χ^2/NDF:13.9/22

Left: 2076.917+/-321.825 χ^2/NDF: 52.8/46

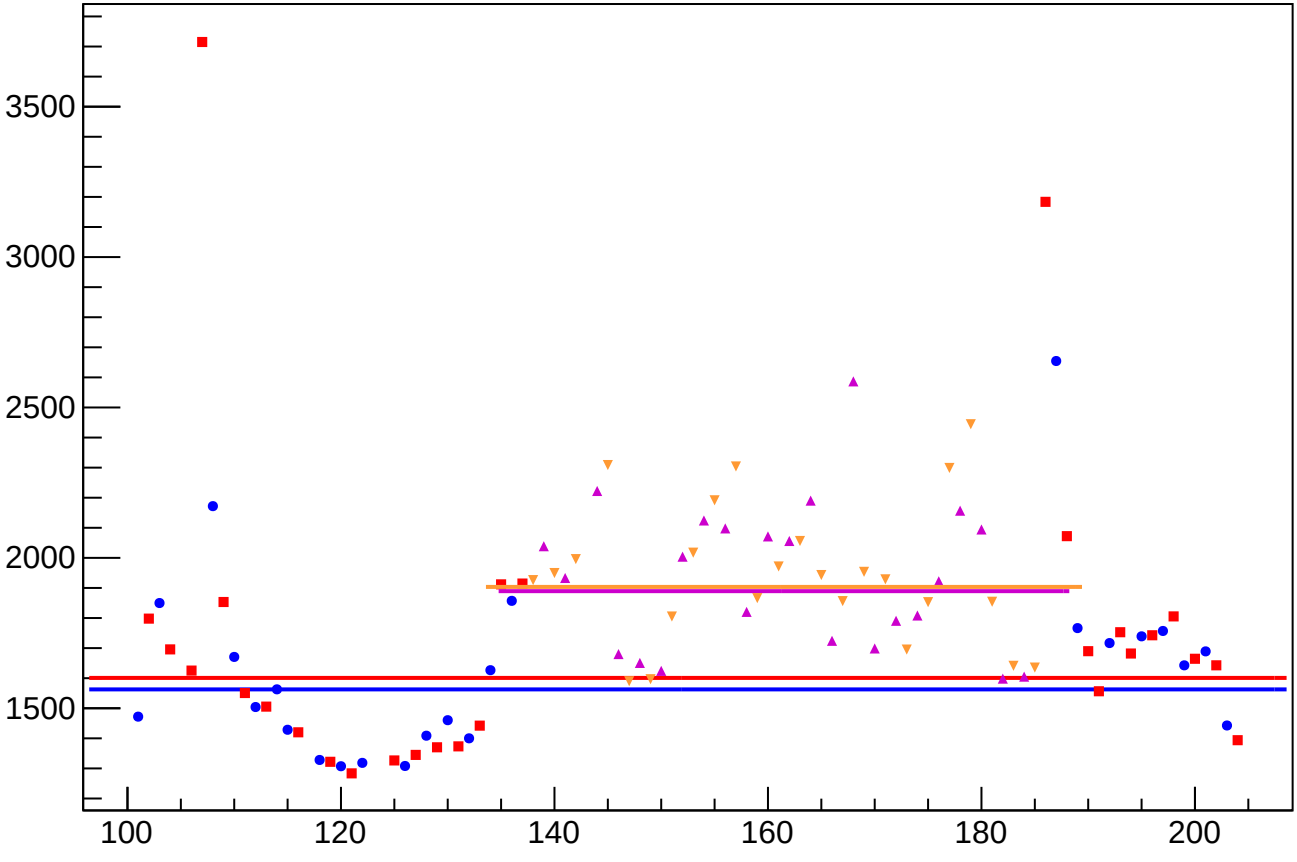
Right: 2730.511+/-313.683 χ^2/NDF: 55.2/51

In: 2407.362+/-322.706 χ^2/NDF:33.2/46

Out: 2416.527+/-312.873 χ^2/NDF:77.0/51

All: 2412.086+/-224.631 χ^2/NDF: 110.2/98

asym_usl_rms vs Slug, Sign Corrected



Right In: 1562.720+/-0.325 χ^2/NDF: 413347.3/23

Left Out: 1903.456+/-0.323 χ^2/NDF:461899.8/23

Right Out: 1600.929+/-0.304 χ^2/NDF: 882920.9/27

Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

Left: 1896.352+/-0.228 χ^2/NDF: 971512.1/46

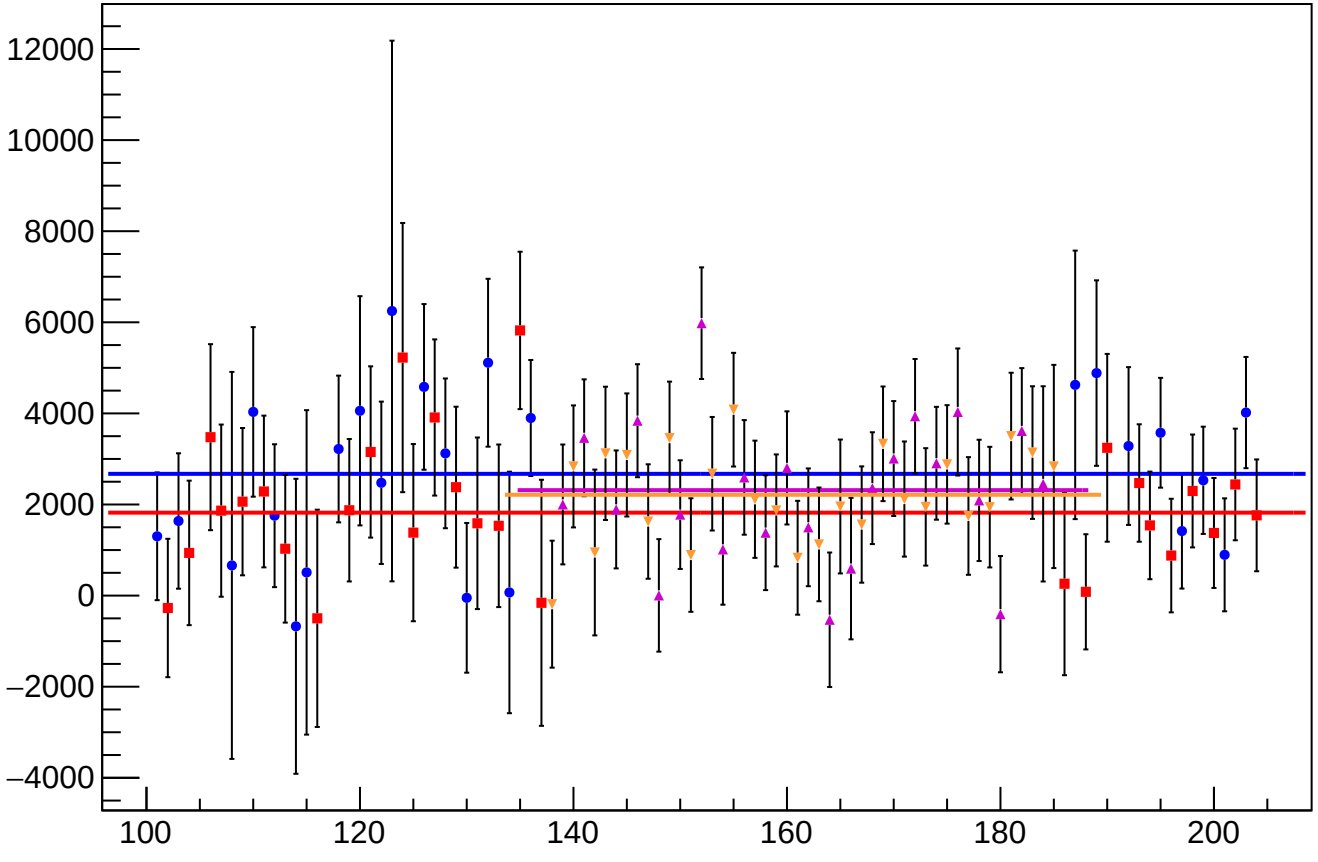
Right: 1583.077+/-0.222 χ^2/NDF: 1303655.0/51

In: 1727.825+/-0.228 χ^2/NDF:1434093.0/46

Out: 1743.106+/-0.221 χ^2/NDF:1810611.7/51

All: 1735.702+/-0.159 χ^2/NDF: 3247016.6/98

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2672.969+/-334.890 χ^2/NDF: 18.9/24

Left Out: 2213.308+/-266.921 χ^2/NDF:14.2/24

Right Out: 1821.000+/-298.981 χ^2/NDF: 18.0/27

Left In: 2314.778+/-271.873 χ^2/NDF:31.6/22

Left: 2263.111+/-190.469 χ^2/NDF: 45.8/47

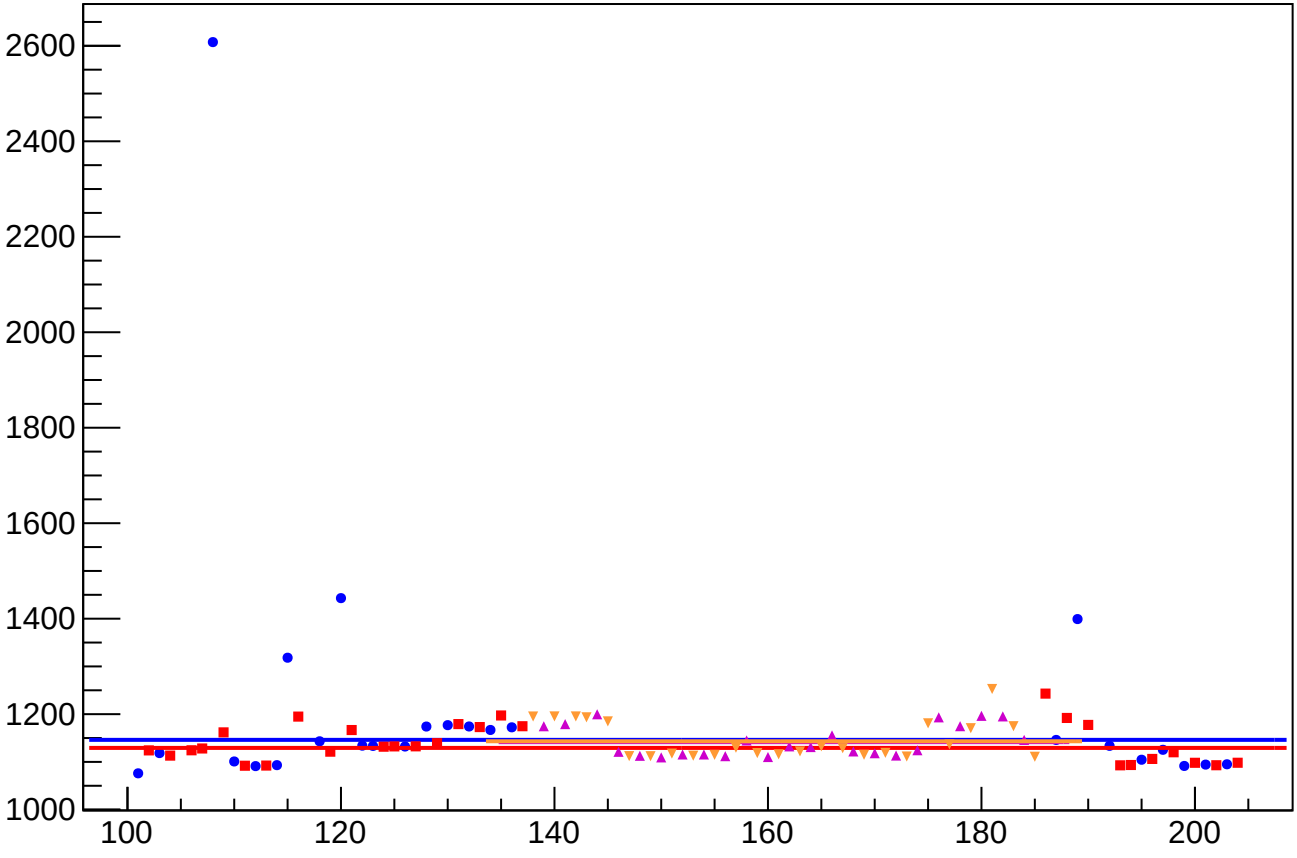
Right: 2198.875+/-223.031 χ^2/NDF: 40.5/52

In: 2457.070+/-211.074 χ^2/NDF:51.2/47

Out: 2039.308+/-199.115 χ^2/NDF:33.1/52

All: 2236.020+/-144.839 χ^2/NDF: 86.3/100

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1146.180+/-0.237 χ^2/NDF: 327305.0/24

Left Out: 1143.249+/-0.189 χ^2/NDF:39493.3/24

Right Out: 1129.306+/-0.211 χ^2/NDF: 32829.3/27

Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

Left: 1142.324+/-0.135 χ^2/NDF: 67557.2/47

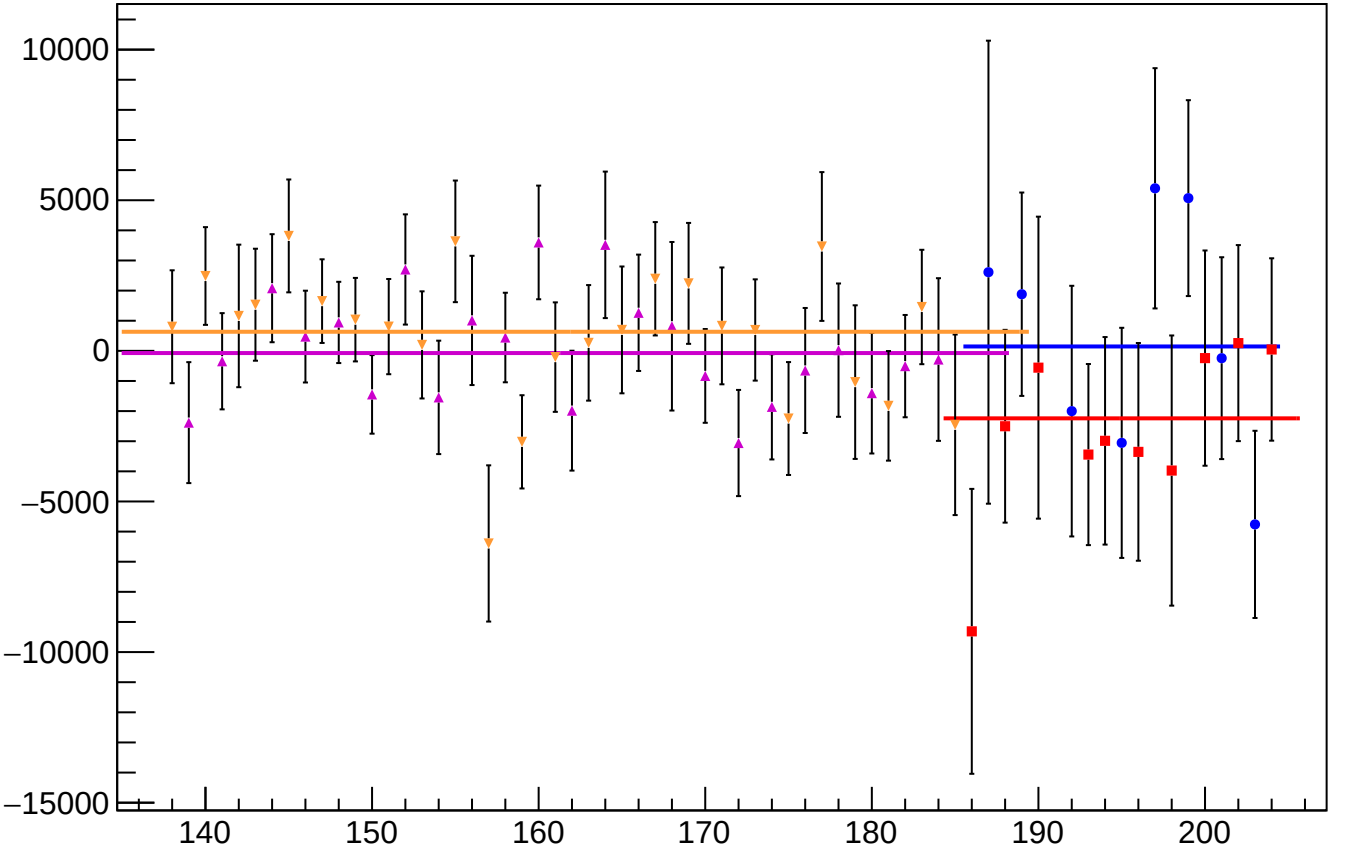
Right: 1136.790+/-0.158 χ^2/NDF: 362960.0/52

In: 1143.277+/-0.149 χ^2/NDF:355569.3/47

Out: 1137.065+/-0.141 χ^2/NDF:74743.3/52

All: 1139.990+/-0.102 χ^2/NDF: 431229.2/100

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 145.707+/-1311.813 χ^2/NDF: 9.0/7

Left Out: 633.748+/-371.934 χ^2/NDF:29.3/24

Right Out: -2240.722+/-1128.449 χ^2/NDF: 4.3/9

Left In: -72.962+/-375.277 χ^2/NDF:20.1/22

Left: 283.555+/-264.171 χ^2/NDF: 51.2/47

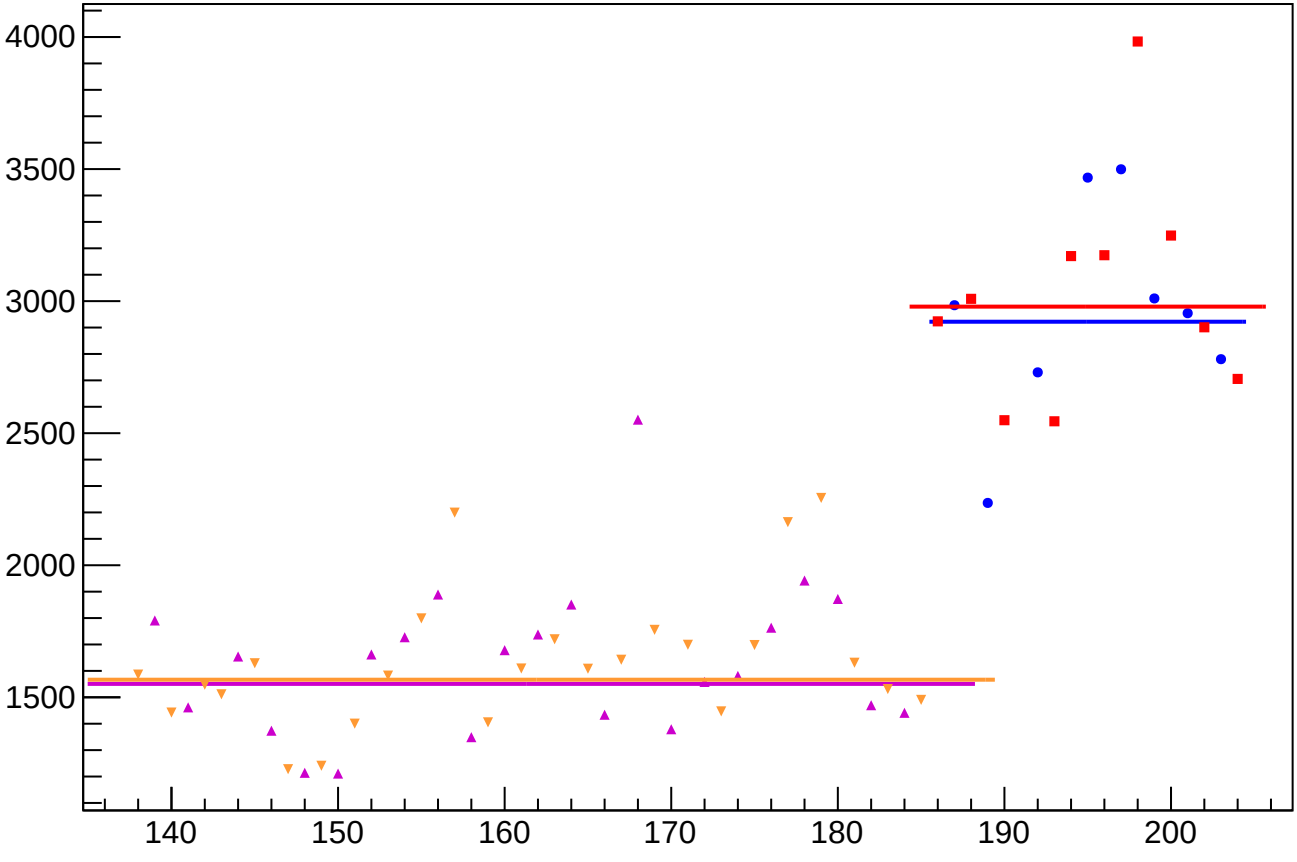
Right: -1225.820+/-855.480 χ^2/NDF: 15.2/17

In: -56.420+/-360.804 χ^2/NDF:29.1/30

Out: 352.080+/-353.241 χ^2/NDF:39.4/34

All: 152.156+/-252.411 χ^2/NDF: 69.2/65

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2922.041+/-0.928 χ^2/NDF: 175497.0/7

Left Out: 1566.626+/-0.263 χ^2/NDF:766955.2/24

Right Out: 2979.218+/-0.798 χ^2/NDF: 197930.0/9

Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

Left: 1558.759+/-0.187 χ^2/NDF: 1697413.8/47

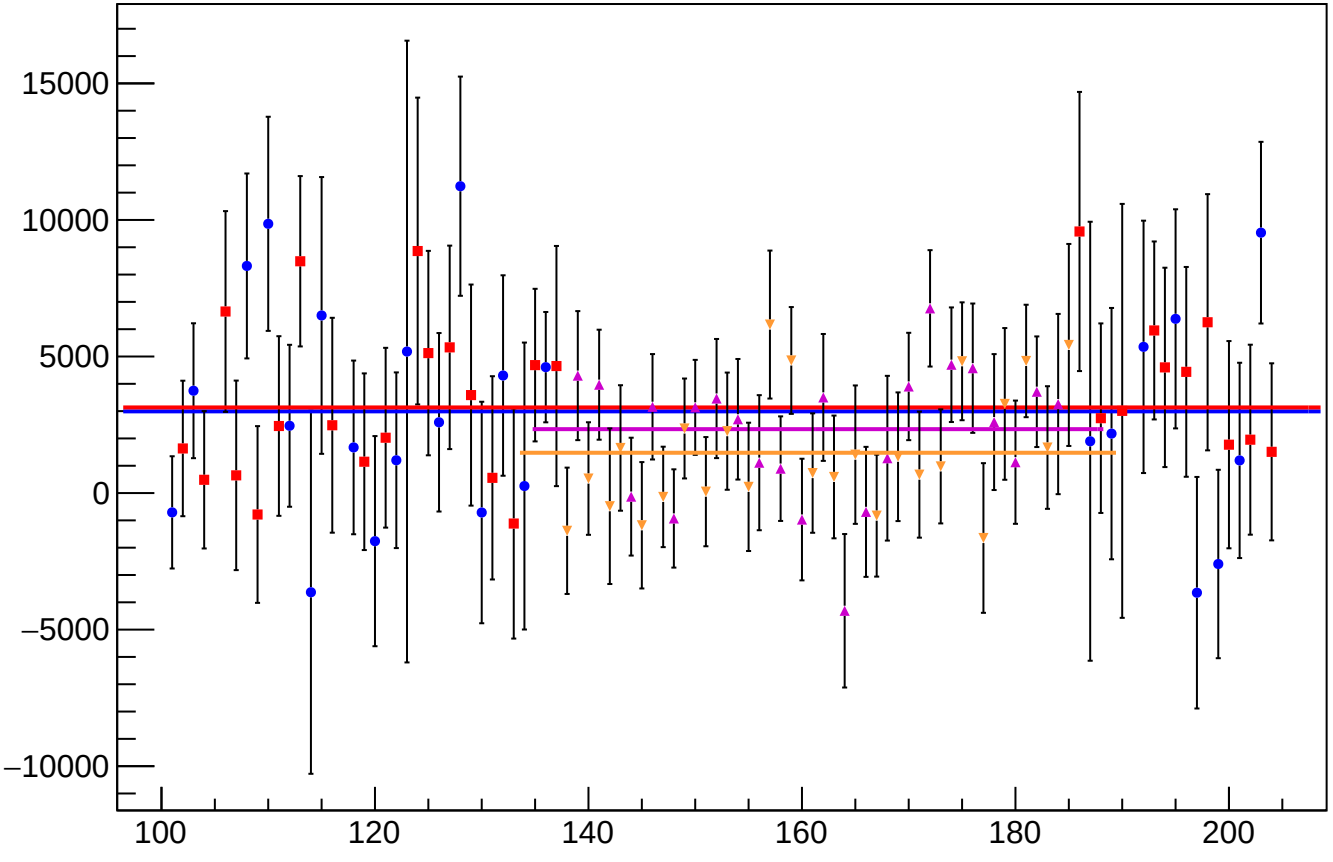
Right: 2954.902+/-0.605 χ^2/NDF: 375610.7/17

In: 1654.485+/-0.255 χ^2/NDF:3124296.6/30

Out: 1705.045+/-0.250 χ^2/NDF:3791790.2/34

All: 1680.301+/-0.178 χ^2/NDF: 6936139.3/65

asym_usr_mean vs Slug, Sign Corrected



Right In: 2991.543+/-698.196 χ^2/NDF: 28.8/24

Left Out: 1475.648+/-451.347 χ^2/NDF:20.9/24

Right Out: 3135.266+/-669.030 χ^2/NDF: 15.1/27

Left In: 2339.905+/-457.448 χ^2/NDF:25.2/22

Left: 1901.975+/-321.286 χ^2/NDF: 47.9/47

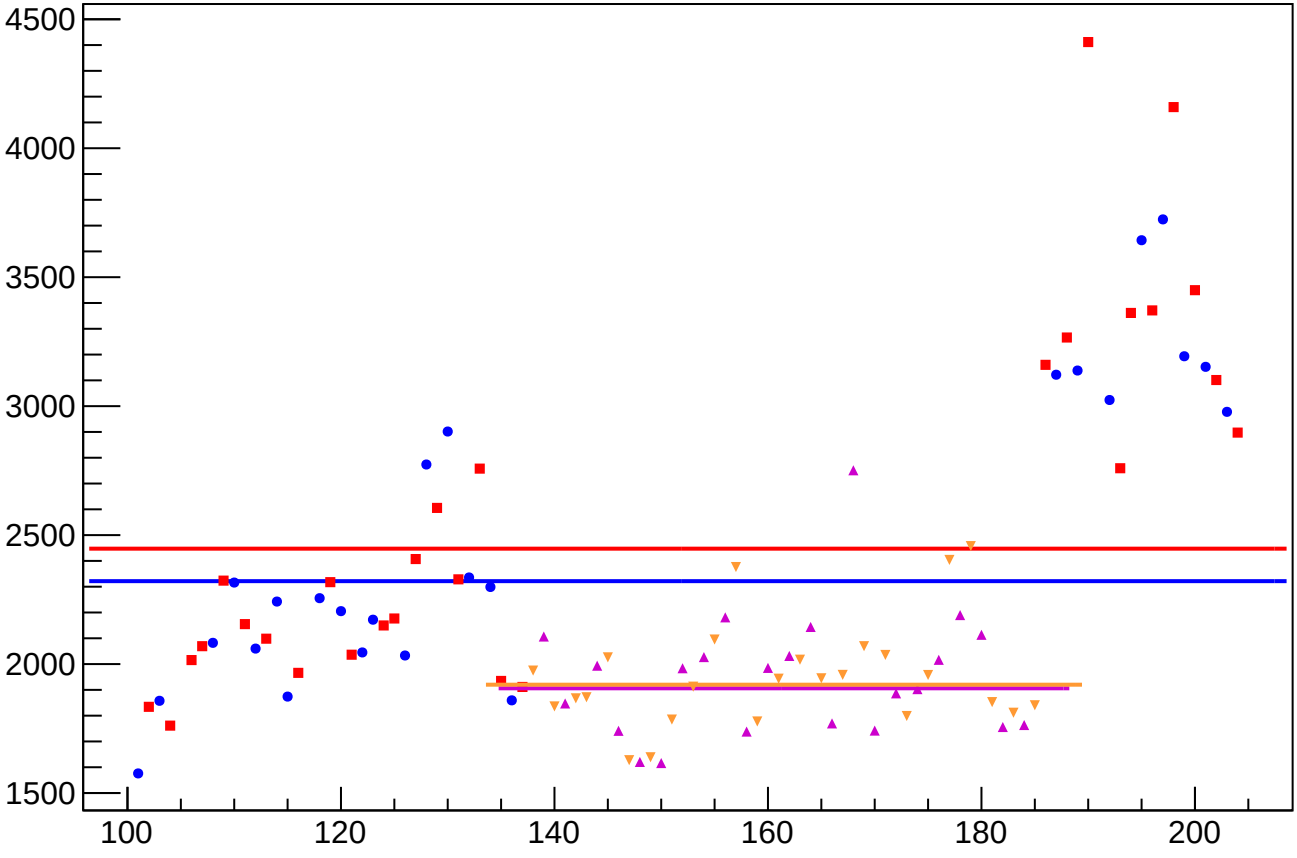
Right: 3066.469+/-483.057 χ^2/NDF: 43.8/52

In: 2535.619+/-382.635 χ^2/NDF:54.6/47

Out: 1994.734+/-374.163 χ^2/NDF:40.2/52

All: 2259.122+/-267.518 χ^2/NDF: 95.8/100

asym_usr_rms vs Slug, Sign Corrected



Right In: 2321.514+/-0.494 χ^2/NDF: 1458518.4/24

Left Out: 1920.082+/-0.319 χ^2/NDF:365919.7/24

Right Out: 2447.489+/-0.473 χ^2/NDF: 1619207.3/27

Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

Left: 1913.157+/-0.227 χ^2/NDF: 817929.0/47

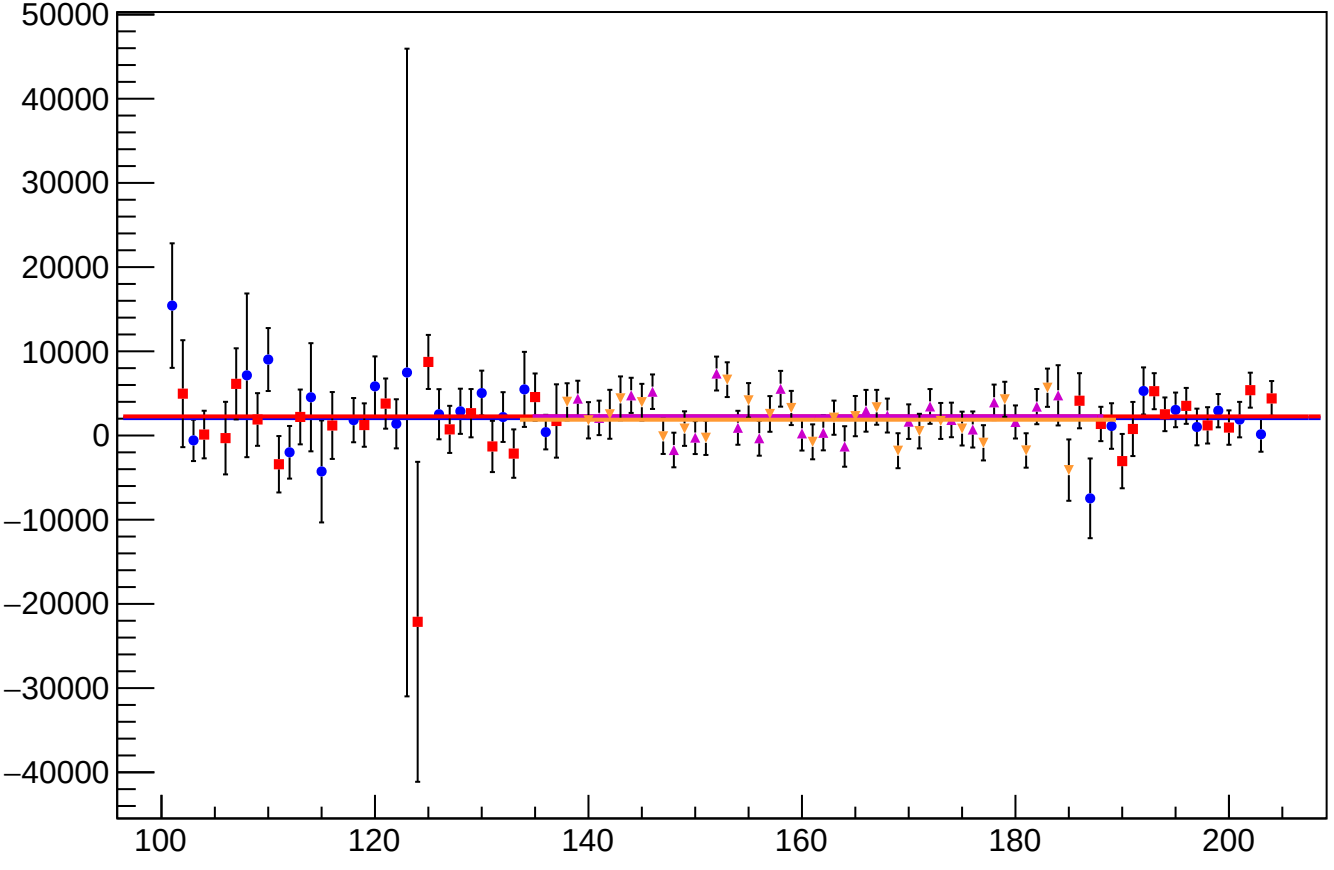
Right: 2387.188+/-0.342 χ^2/NDF: 3111668.8/52

In: 2030.826+/-0.271 χ^2/NDF:2405072.6/47

Out: 2085.042+/-0.265 χ^2/NDF:2839270.3/52

All: 2058.541+/-0.189 χ^2/NDF: 5264868.4/10

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2066.048+/-574.807 χ^2/NDF: 21.9/24

Left Out: 1875.290+/-433.245 χ^2/NDF:30.0/24

Right Out: 2267.507+/-515.348 χ^2/NDF: 25.5/28

Left In: 2286.268+/-441.005 χ^2/NDF:27.3/22

Left: 2077.132+/-309.058 χ^2/NDF: 57.8/47

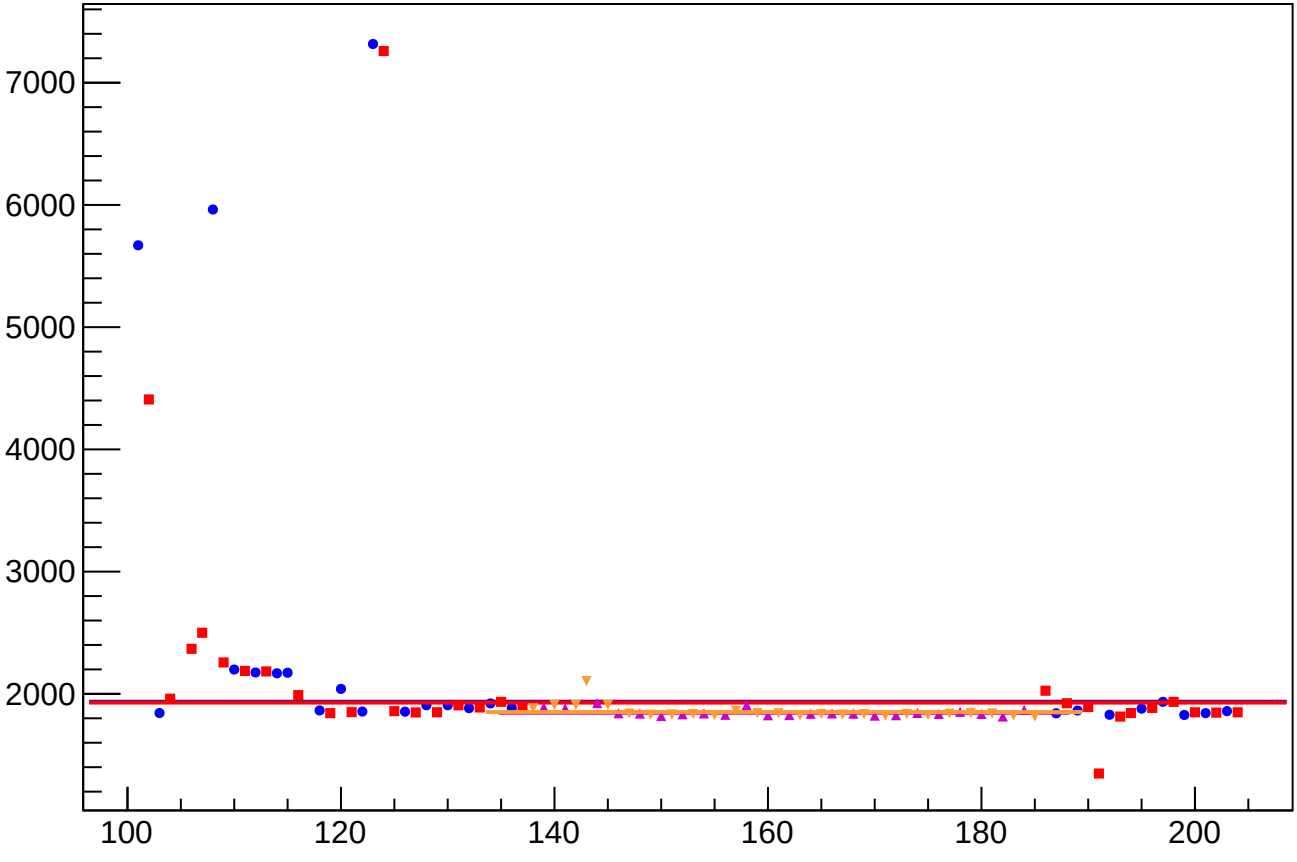
Right: 2177.733+/-383.711 χ^2/NDF: 47.5/53

In: 2204.671+/-349.891 χ^2/NDF:49.4/47

Out: 2037.704+/-331.626 χ^2/NDF:55.9/53

All: 2116.716+/-240.693 χ^2/NDF: 105.4/101

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1935.451+/-0.406 χ^2/NDF: 950119.4/24

Left Out: 1851.066+/-0.306 χ^2/NDF:26251.6/24

Right Out: 1928.684+/-0.364 χ^2/NDF: 661932.8/28

Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

Left: 1848.289+/-0.219 χ^2/NDF: 34737.7/47

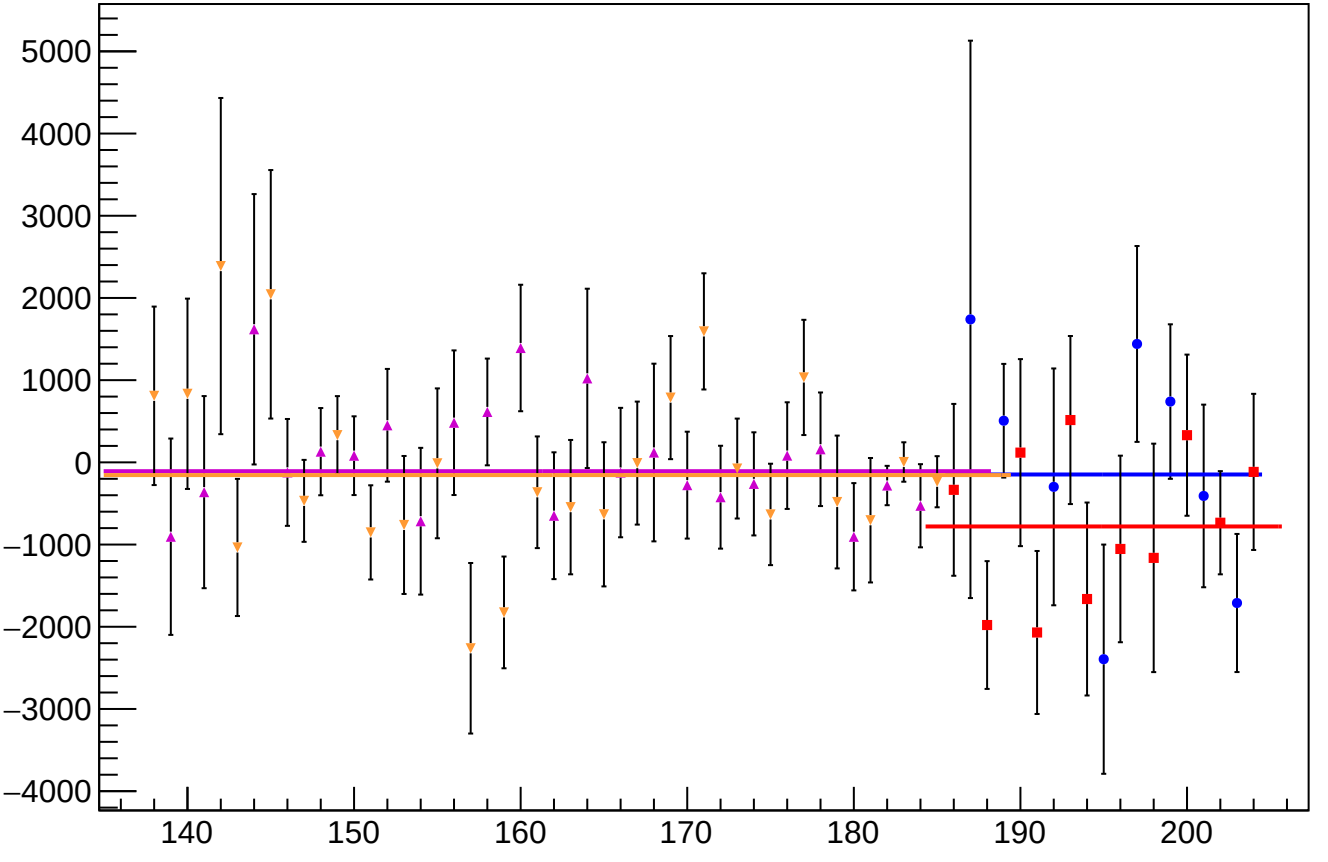
Right: 1931.700+/-0.271 χ^2/NDF: 1612205.9/53

In: 1878.773+/-0.247 χ^2/NDF:989329.2/47

Out: 1883.207+/-0.234 χ^2/NDF:714766.3/53

All: 1881.109+/-0.170 χ^2/NDF: 1704264.7/10

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -147.587+/-371.681 χ^2/NDF: 10.0/7

Left Out: -154.845+/-119.654 χ^2/NDF:33.0/24

Right Out: -779.878+/-288.366 χ^2/NDF: 9.0/10

Left In: -107.387+/-127.580 χ^2/NDF:13.5/22

Left: -132.636+/-87.276 χ^2/NDF: 46.6/47

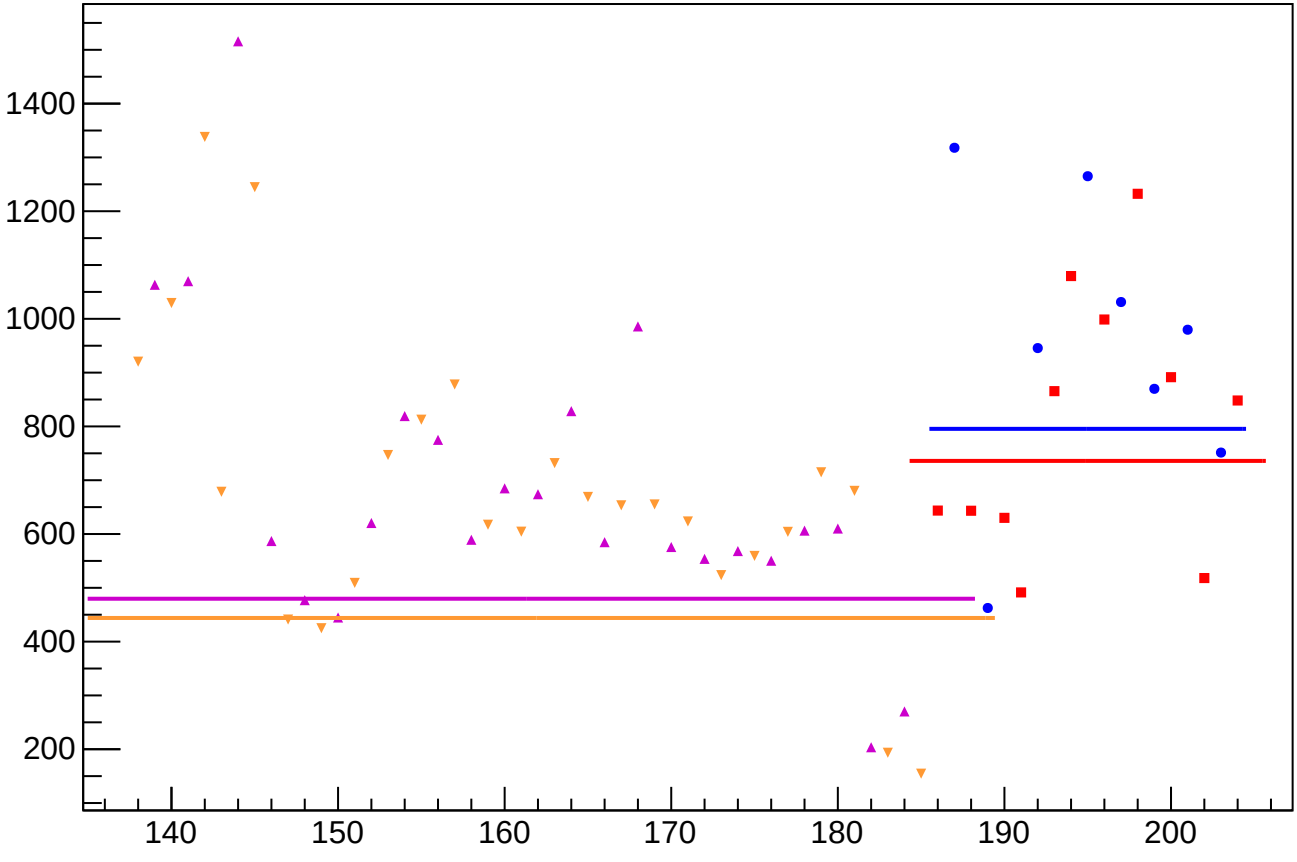
Right: -542.292+/-227.836 χ^2/NDF: 20.8/18

In: -111.625+/-120.669 χ^2/NDF:23.5/30

Out: -246.653+/-110.518 χ^2/NDF:45.9/35

All: -185.056+/-81.501 χ^2/NDF: 70.1/66

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 795.485+/-0.263 χ^2/NDF: 911205.8/7

Left Out: 443.961+/-0.085 χ^2/NDF:8573133.3/24

Right Out: 735.914+/-0.204 χ^2/NDF: 1068111.5/10

Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

Left: 460.697+/-0.062 χ^2/NDF: 15391334.0/47

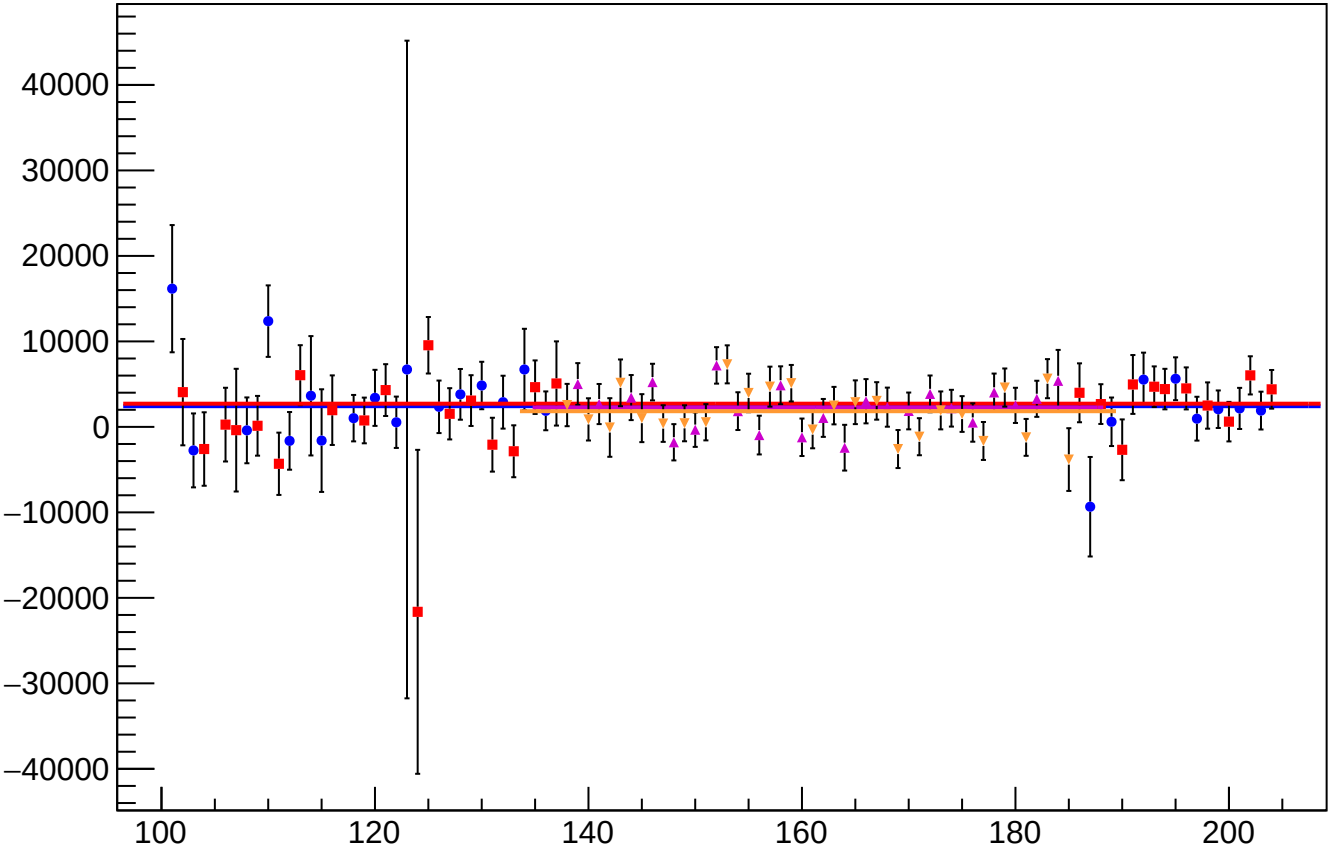
Right: 758.298+/-0.161 χ^2/NDF: 2011388.9/18

In: 513.005+/-0.085 χ^2/NDF:8937133.4/30

Out: 486.845+/-0.078 χ^2/NDF:11390178.6/35

All: 498.778+/-0.058 χ^2/NDF: 20378431.0/66

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2421.582+/-630.611 χ^2/NDF: 23.1/24

Left Out: 1834.720+/-463.777 χ^2/NDF:32.8/24

Right Out: 2712.574+/-573.097 χ^2/NDF: 28.7/28

Left In: 2260.178+/-472.324 χ^2/NDF:26.3/22

Left: 2043.565+/-330.920 χ^2/NDF: 59.5/47

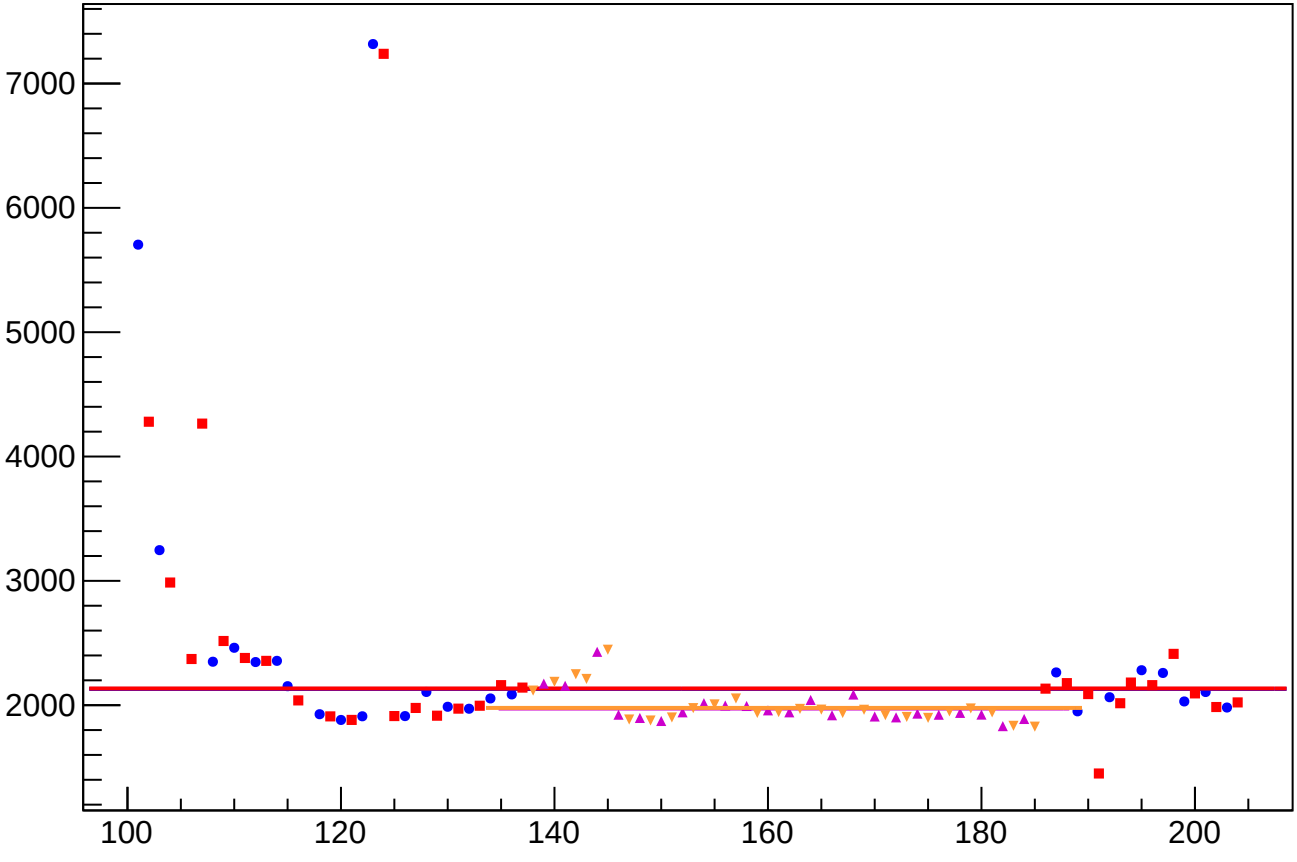
Right: 2580.950+/-424.120 χ^2/NDF: 51.9/53

In: 2318.183+/-378.042 χ^2/NDF:49.5/47

Out: 2182.110+/-360.517 χ^2/NDF:62.9/53

All: 2246.920+/-260.899 χ^2/NDF: 112.4/101

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2130.761+/-0.446 χ^2/NDF: 751702.5/24

Left Out: 1978.045+/-0.328 χ^2/NDF:137699.3/24

Right Out: 2134.199+/-0.405 χ^2/NDF: 870695.6/28

Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

Left: 1975.675+/-0.234 χ^2/NDF: 258285.0/47

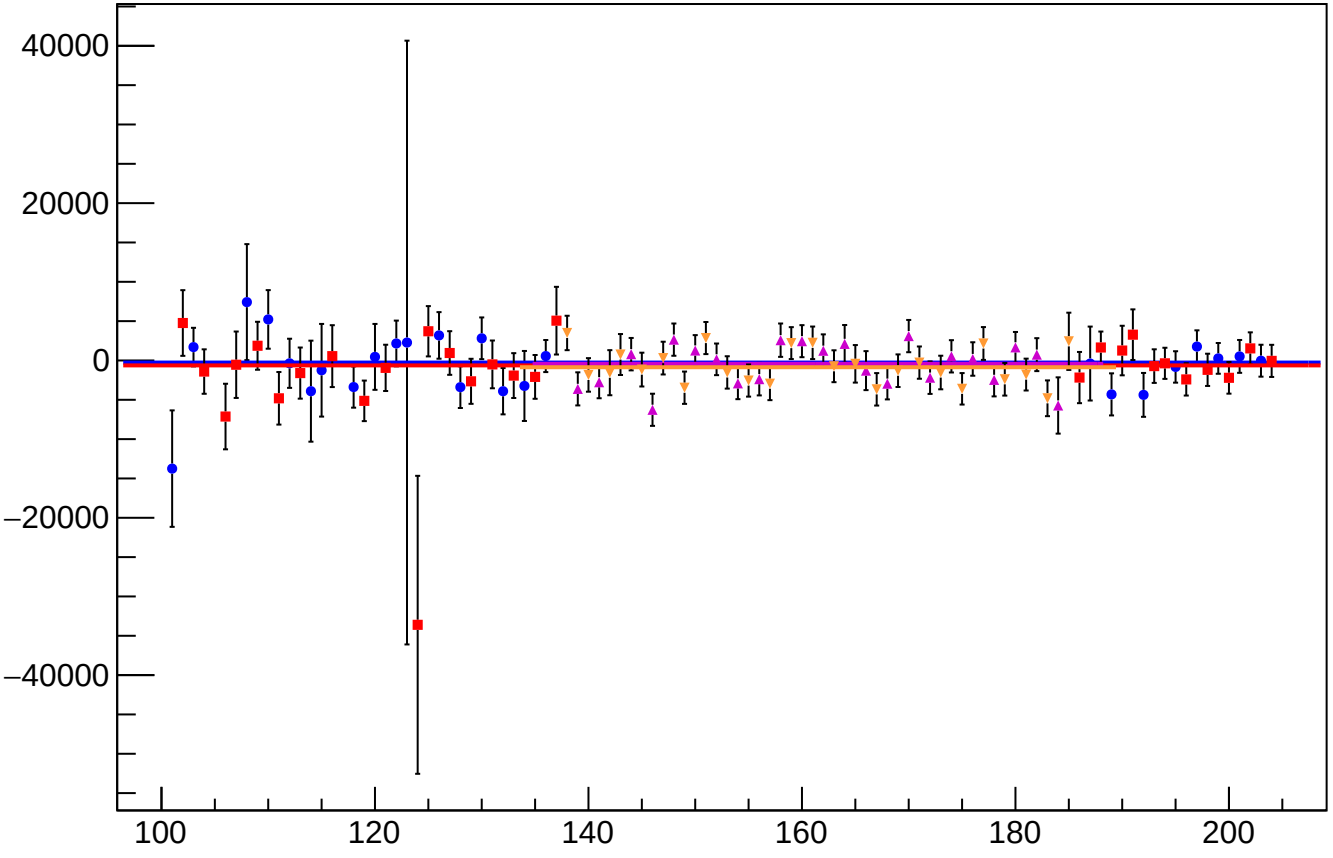
Right: 2132.644+/-0.300 χ^2/NDF: 1622430.7/53

In: 2029.835+/-0.267 χ^2/NDF:952149.5/47

Out: 2039.839+/-0.255 χ^2/NDF:1098120.3/53

All: 2035.074+/-0.184 χ^2/NDF: 2051003.3/10

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -266.400+/-568.922 χ^2/NDF: 21.7/24

Left Out: -858.637+/-431.465 χ^2/NDF:26.9/24

Right Out: -626.140+/-506.459 χ^2/NDF: 23.6/28

Left In: -427.682+/-439.561 χ^2/NDF:33.7/22

Left: -647.165+/-307.914 χ^2/NDF: 61.1/47

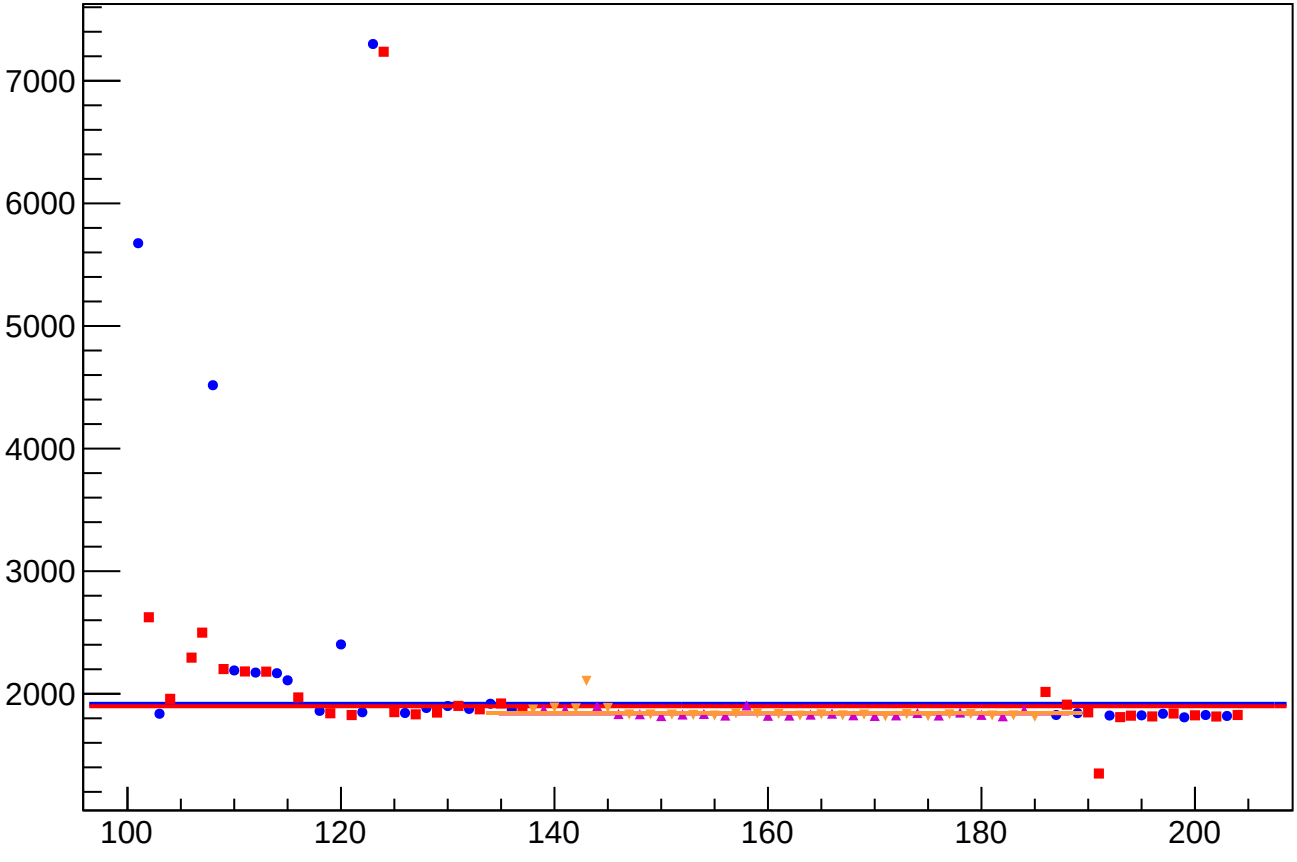
Right: -467.095+/-378.284 χ^2/NDF: 45.5/53

In: -367.394+/-347.836 χ^2/NDF:55.4/47

Out: -760.860+/-328.438 χ^2/NDF:50.6/53

All: -575.404+/-238.804 χ^2/NDF: 106.7/101

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1918.206+/-0.402 χ^2/NDF: 893282.0/24

Left Out: 1843.534+/-0.305 χ^2/NDF:24974.2/24

Right Out: 1898.386+/-0.358 χ^2/NDF: 414851.5/28

Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

Left: 1841.521+/-0.218 χ^2/NDF: 31481.4/47

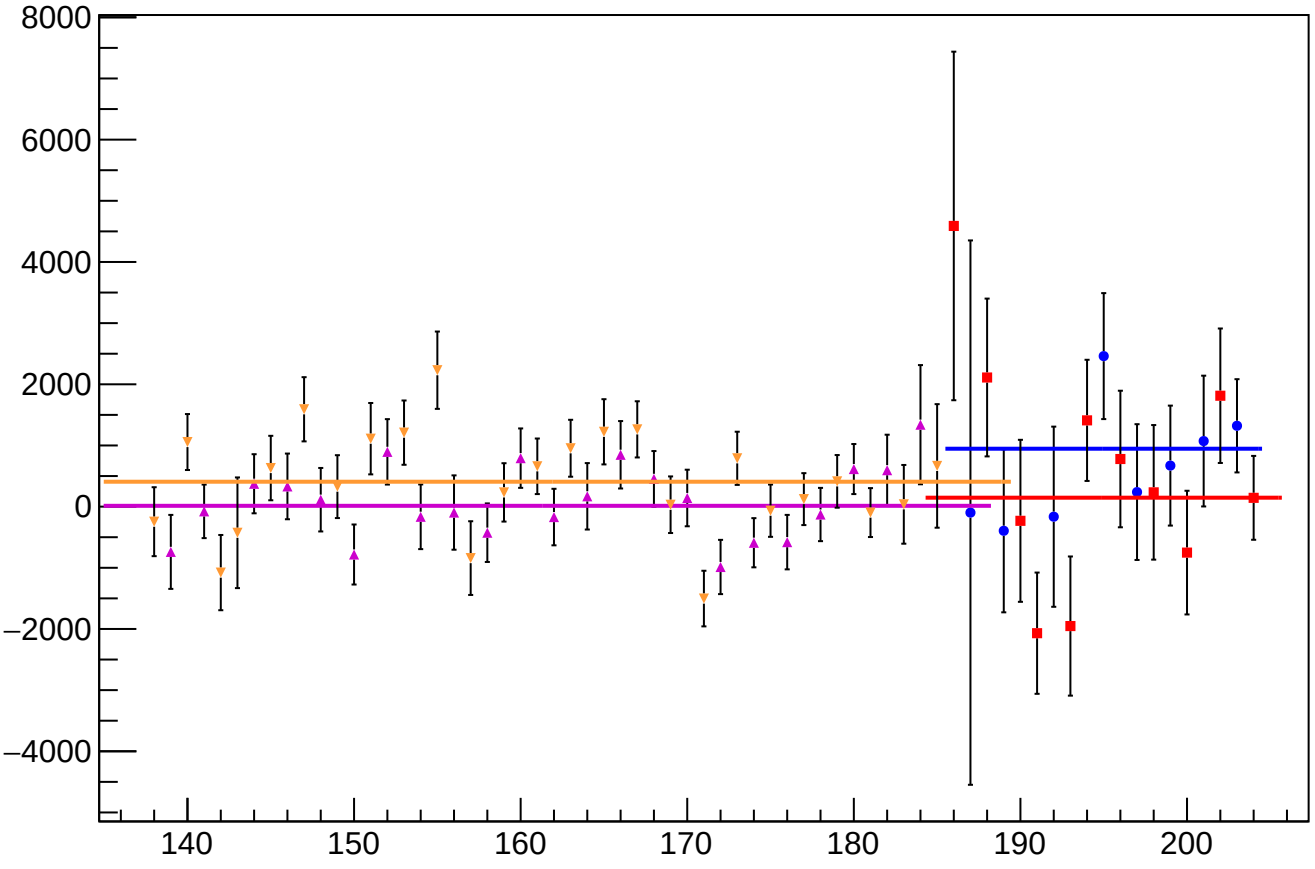
Right: 1907.149+/-0.267 χ^2/NDF: 1309487.8/53

In: 1868.878+/-0.246 χ^2/NDF:923711.7/47

Out: 1866.602+/-0.232 χ^2/NDF:453419.3/53

All: 1867.675+/-0.169 χ^2/NDF: 1377176.3/10

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 946.789+/-393.282 χ^2/NDF: 4.5/7

Left Out: 407.320+/-101.221 χ^2/NDF:62.1/24

Right Out: 146.212+/-321.640 χ^2/NDF: 18.3/10

Left In: 13.395+/-102.912 χ^2/NDF:29.2/22

Left: 213.621+/-72.165 χ^2/NDF: 98.8/47

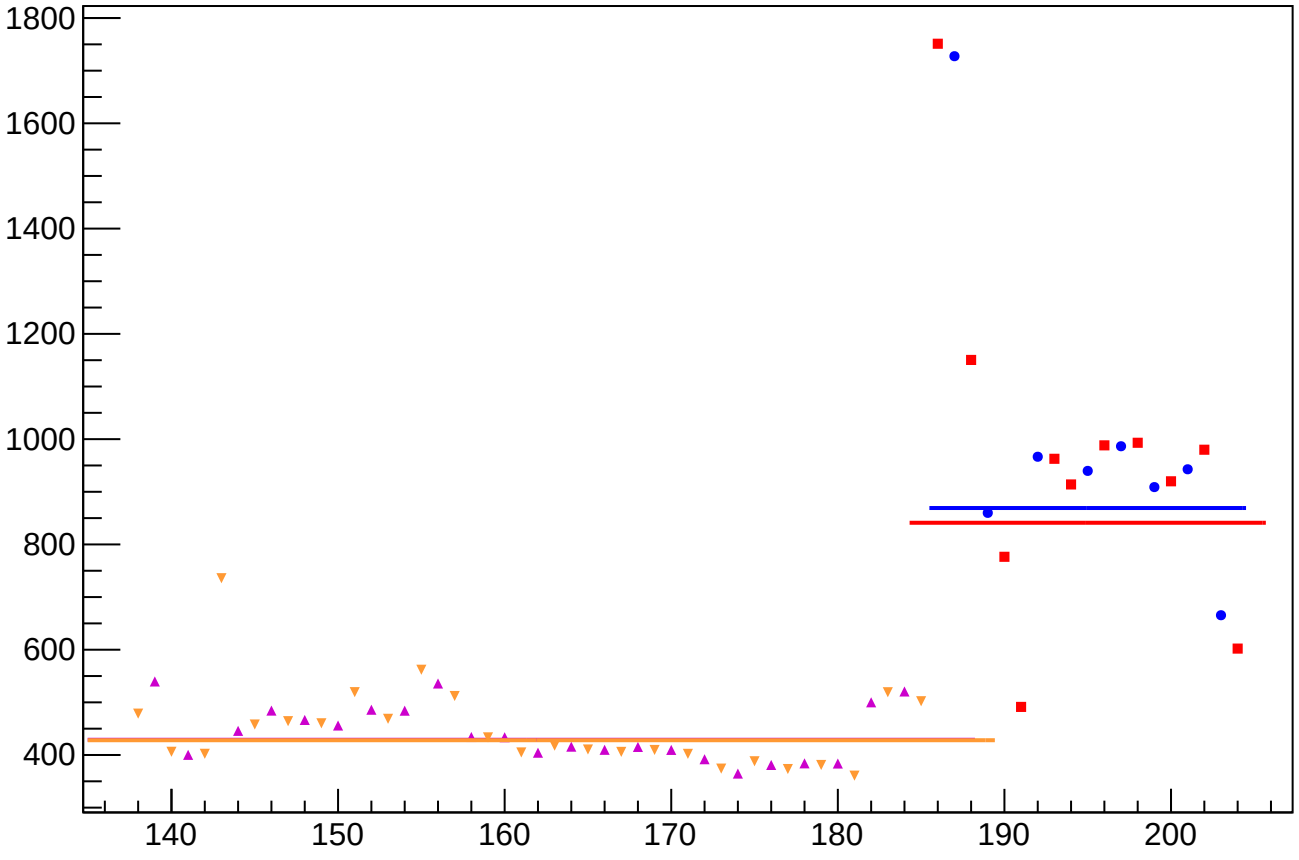
Right: 467.073+/-248.978 χ^2/NDF: 25.3/18

In: 73.212+/-99.560 χ^2/NDF:39.1/30

Out: 383.791+/-96.553 χ^2/NDF:81.0/35

All: 233.263+/-69.312 χ^2/NDF: 125.1/66

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 869.176+/-0.278 χ^2/NDF: 270569.8/7

Left Out: 428.052+/-0.072 χ^2/NDF:704731.3/24

Right Out: 841.165+/-0.227 χ^2/NDF: 966519.3/10

Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

Left: 428.482+/-0.051 χ^2/NDF: 1123560.0/47

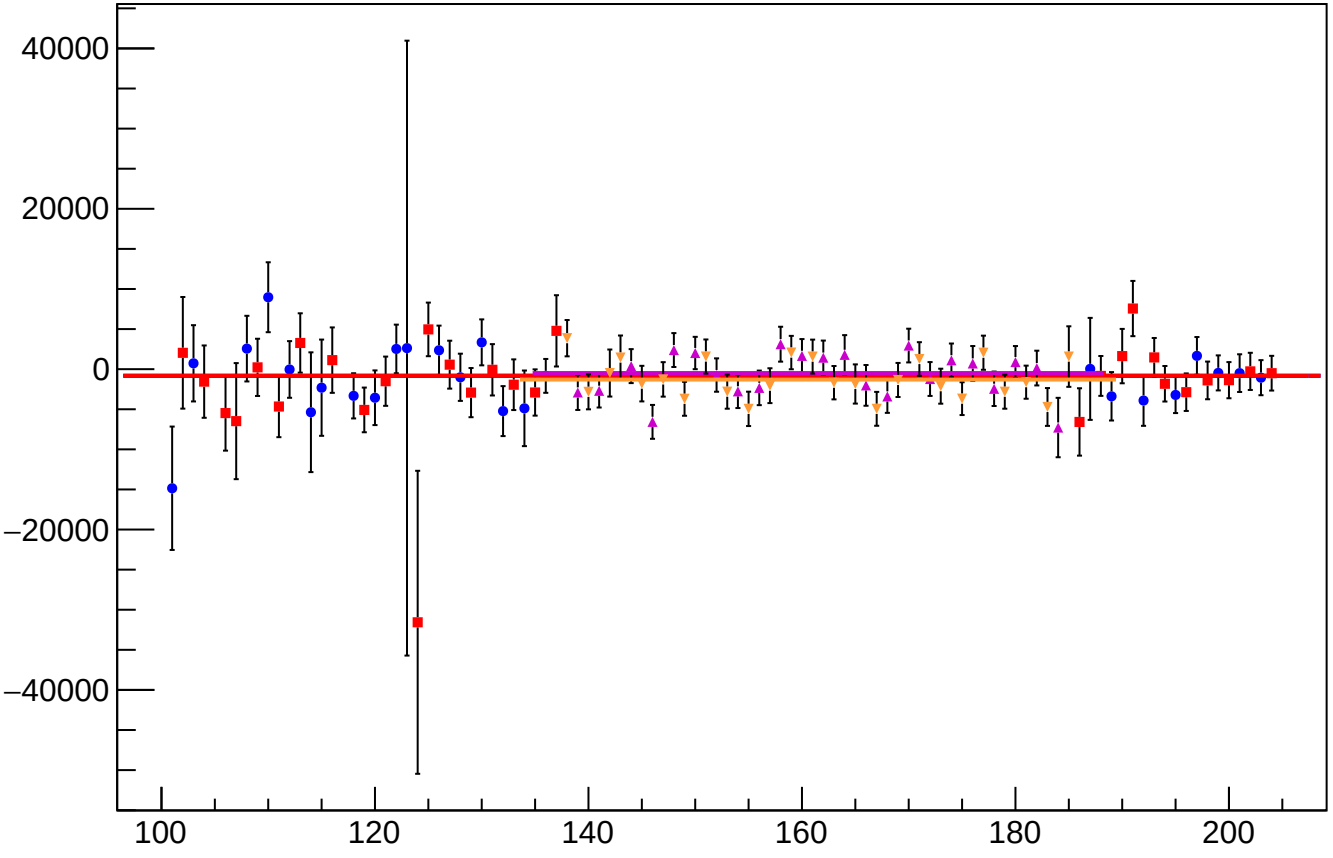
Right: 852.391+/-0.176 χ^2/NDF: 1243168.6/18

In: 457.140+/-0.070 χ^2/NDF:3034935.9/30

Out: 465.279+/-0.068 χ^2/NDF:4673273.1/35

All: 461.334+/-0.049 χ^2/NDF: 7715096.6/66

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -829.305+/-626.515 χ^2/NDF: 22.2/24

Left Out: -1294.152+/-444.151 χ^2/NDF:29.6/24

Right Out: -811.488+/-572.443 χ^2/NDF: 25.7/28

Left In: -485.827+/-452.020 χ^2/NDF:32.4/22

Left: -897.086+/-316.808 χ^2/NDF: 63.7/47

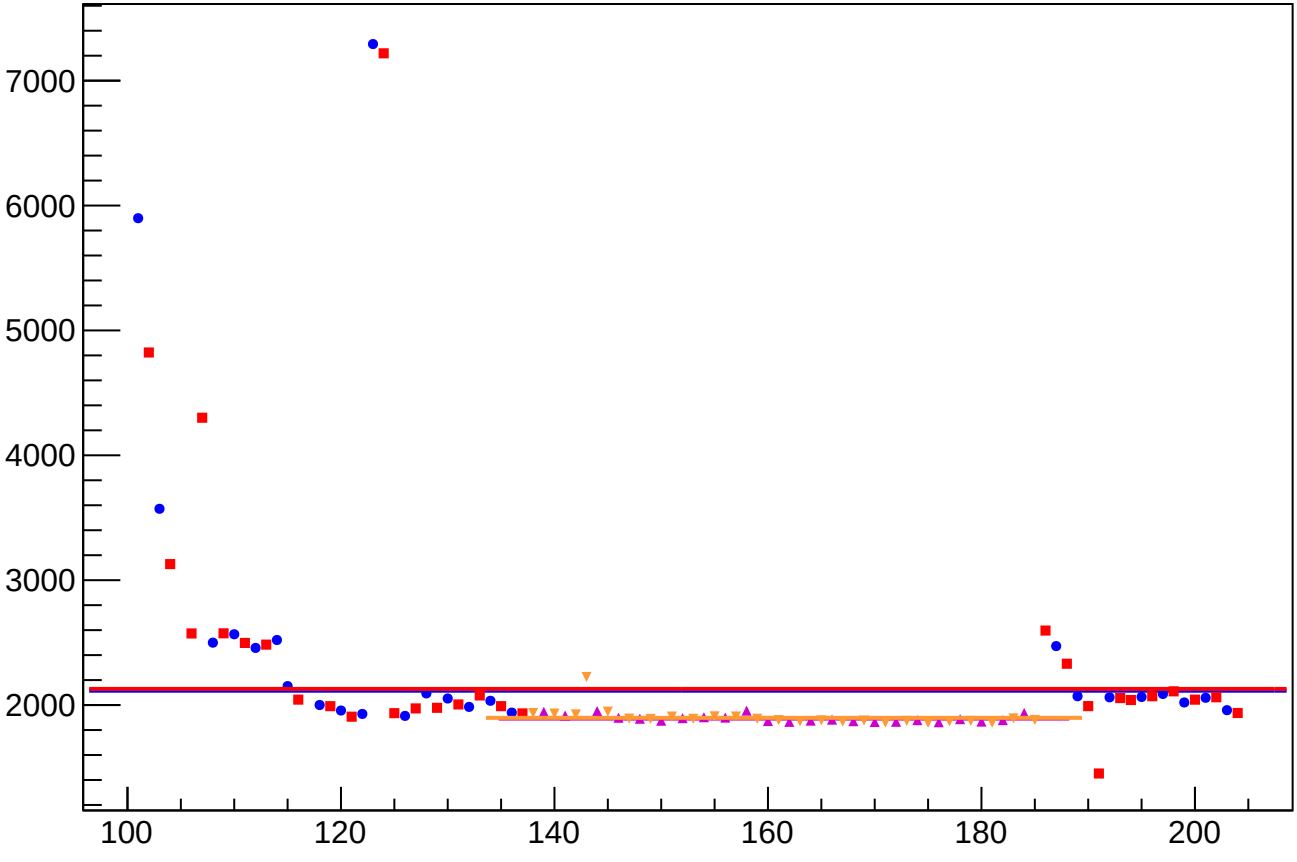
Right: -819.595+/-422.604 χ^2/NDF: 47.9/53

In: -603.412+/-366.572 χ^2/NDF:54.8/47

Out: -1112.776+/-350.913 χ^2/NDF:55.8/53

All: -869.206+/-253.488 χ^2/NDF: 111.6/101

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2114.893+/-0.443 χ^2/NDF: 838087.6/24

Left Out: 1897.670+/-0.314 χ^2/NDF:35089.1/24

Right Out: 2129.379+/-0.405 χ^2/NDF: 999949.8/28

Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

Left: 1894.748+/-0.224 χ^2/NDF: 42849.4/47

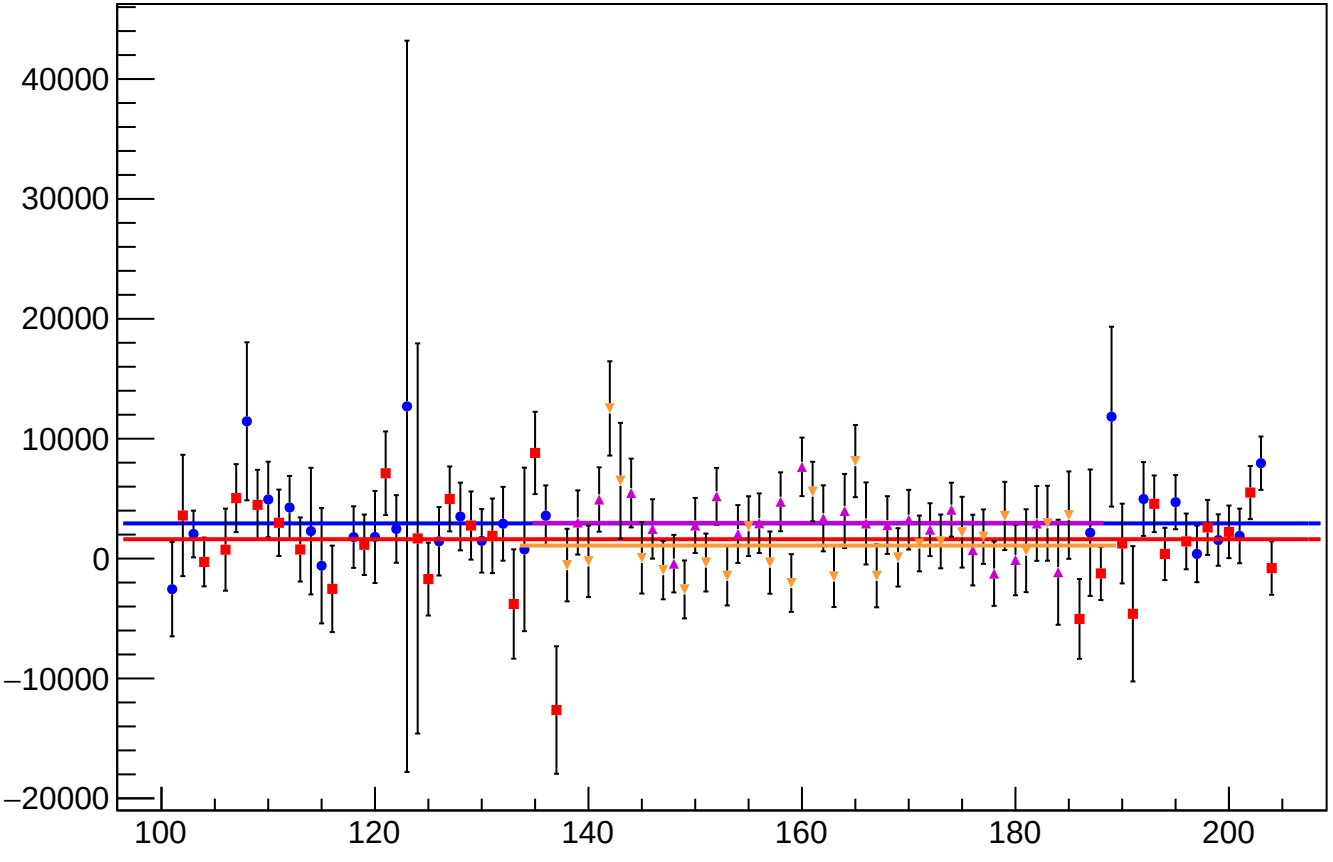
Right: 2122.788+/-0.299 χ^2/NDF: 1838620.1/53

In: 1968.122+/-0.259 χ^2/NDF:1012567.7/47

Out: 1984.742+/-0.248 χ^2/NDF:1239584.7/53

All: 1976.795+/-0.179 χ^2/NDF: 2254297.7/10

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2935.619+/-593.323 χ^2/NDF: 15.6/24

Left Out: 1087.902+/-540.984 χ^2/NDF:29.9/24

Right Out: 1613.347+/-524.814 χ^2/NDF: 36.9/28

Left In: 2981.160+/-546.107 χ^2/NDF:14.0/22

Left: 2025.608+/-384.332 χ^2/NDF: 50.0/47

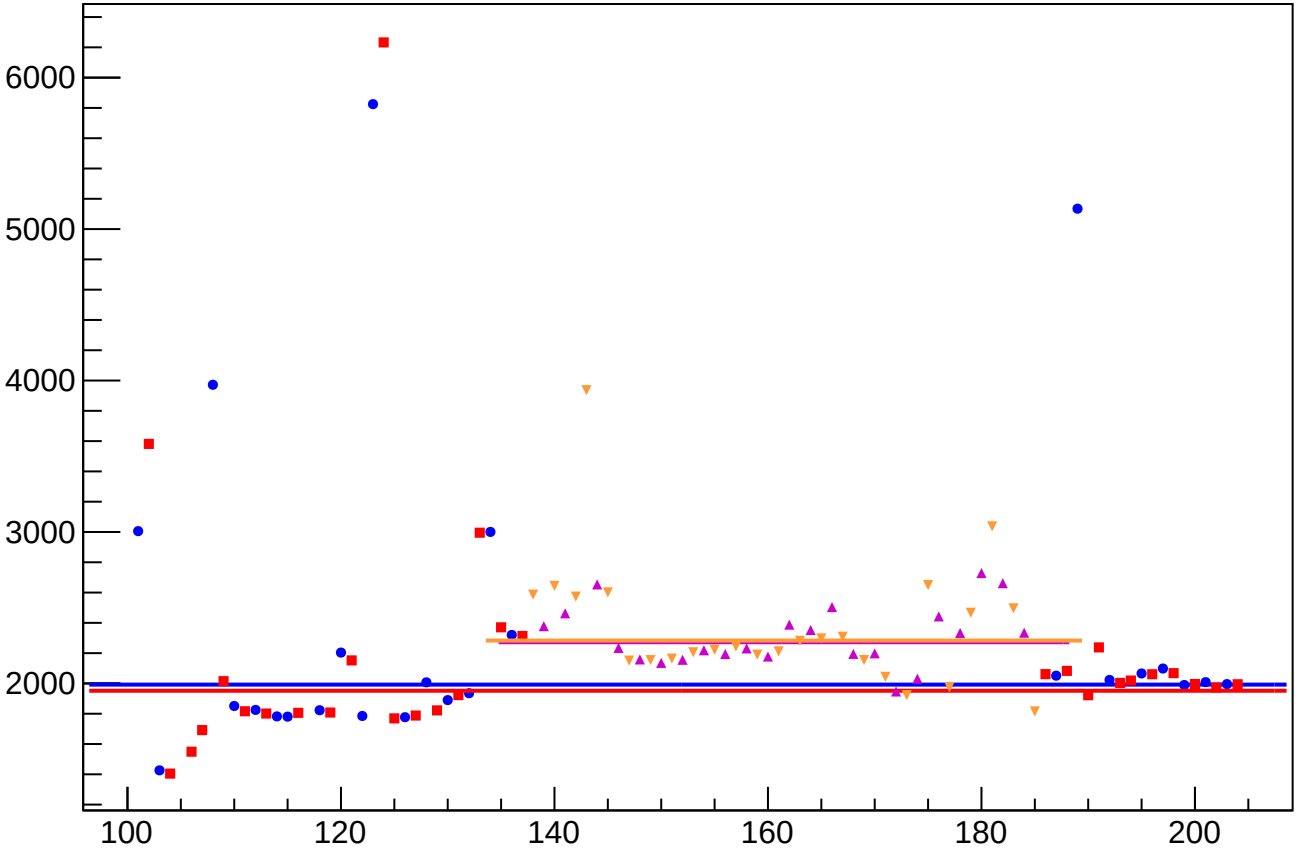
Right: 2193.769+/-393.100 χ^2/NDF: 55.2/53

In: 2960.273+/-401.813 χ^2/NDF:29.6/47

Out: 1358.594+/-376.686 χ^2/NDF:67.2/53

All: 2107.792+/-274.811 χ^2/NDF: 105.3/101

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1992.222+/-0.420 χ^2/NDF: 1008036.4/24

Left Out: 2283.204+/-0.383 χ^2/NDF:634430.6/24

Right Out: 1951.720+/-0.371 χ^2/NDF: 754857.9/28

Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

Left: 2277.628+/-0.272 χ^2/NDF: 878405.9/47

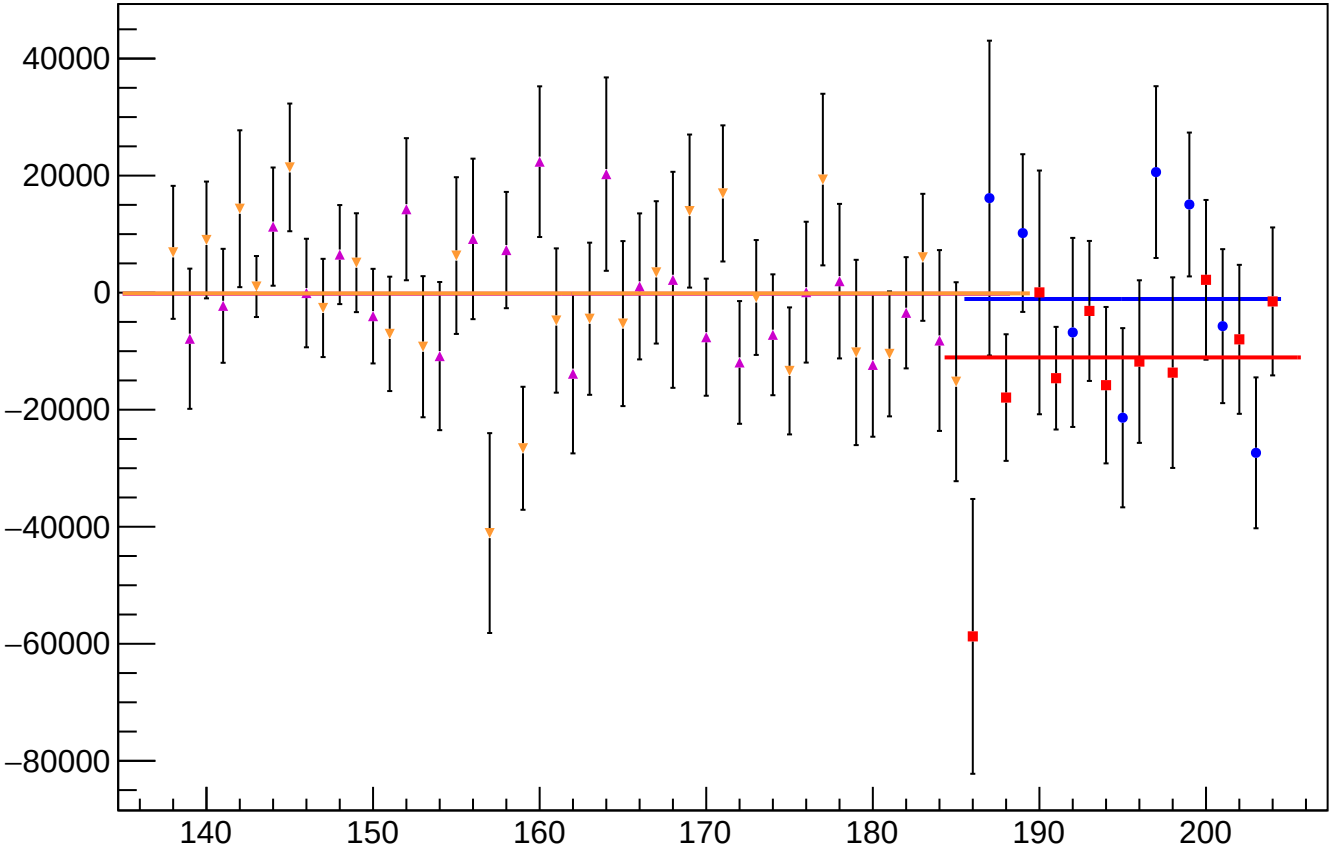
Right: 1969.497+/-0.278 χ^2/NDF: 1768123.3/53

In: 2143.655+/-0.284 χ^2/NDF:1492240.3/47

Out: 2112.419+/-0.266 χ^2/NDF:1776167.7/53

All: 2127.029+/-0.194 χ^2/NDF: 3274841.1/10

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1082.603+/-5126.880 χ^2/NDF: 11.2/7

Left Out: -124.370+/-2141.976 χ^2/NDF:29.7/24

Right Out: -11066.610+/-3922.194 χ^2/NDF: 7.1/10

Left In: -185.013+/-2330.398 χ^2/NDF:15.0/22

Left: -152.141+/-1577.017 χ^2/NDF: 44.7/47

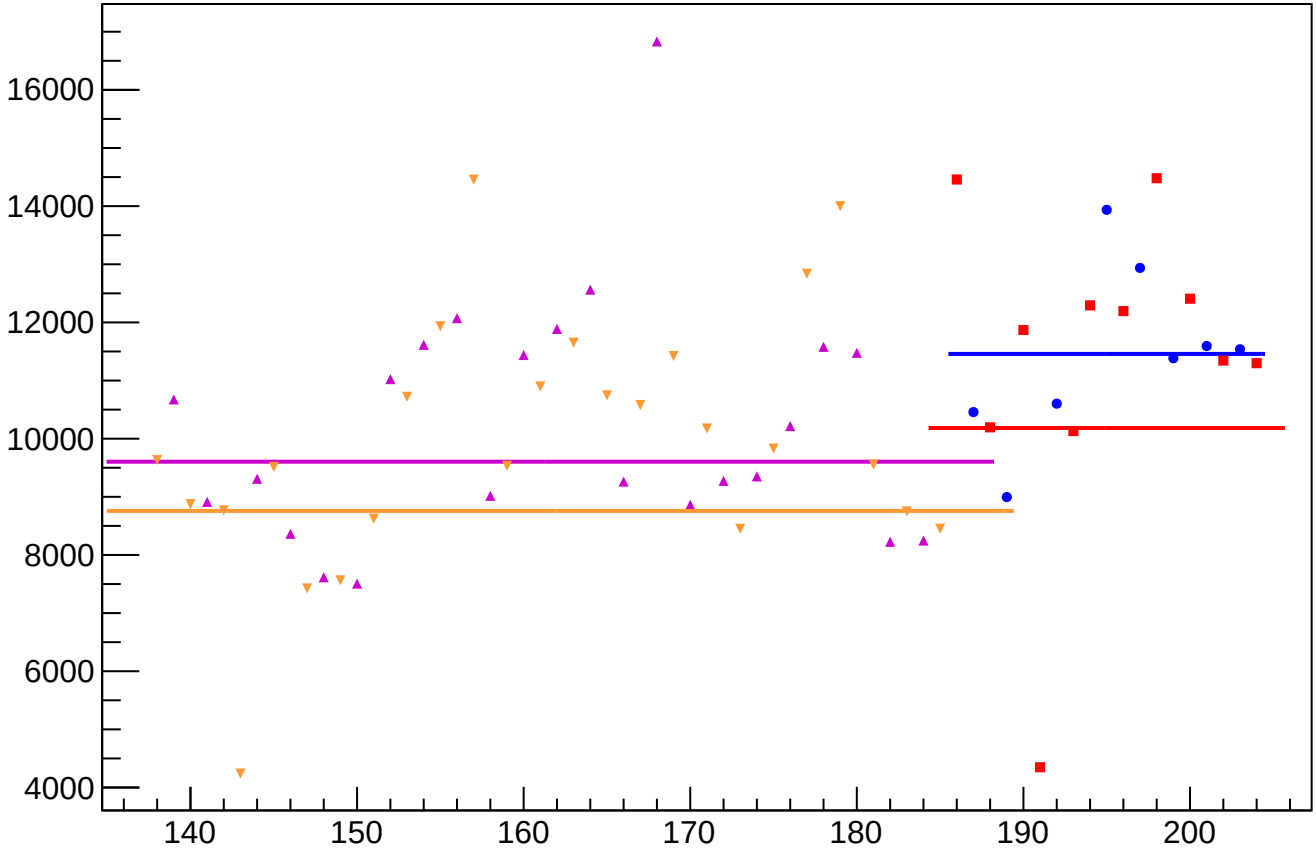
Right: -7380.612+/-3115.145 χ^2/NDF: 20.7/18

In: -338.709+/-2121.516 χ^2/NDF:26.3/30

Out: -2638.114+/-1879.908 χ^2/NDF:42.8/35

All: -1626.747+/-1406.997 χ^2/NDF: 69.7/66

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 11458.045+/-3.625 χ^2/NDF: 148247.7/7

Left Out: 8757.819+/-1.515 χ^2/NDF:2779104.9/24

Right Out: 10183.874+/-2.773 χ^2/NDF: 1281179.1/10

Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

Left: 9145.335+/-1.115 χ^2/NDF: 4017855.5/47

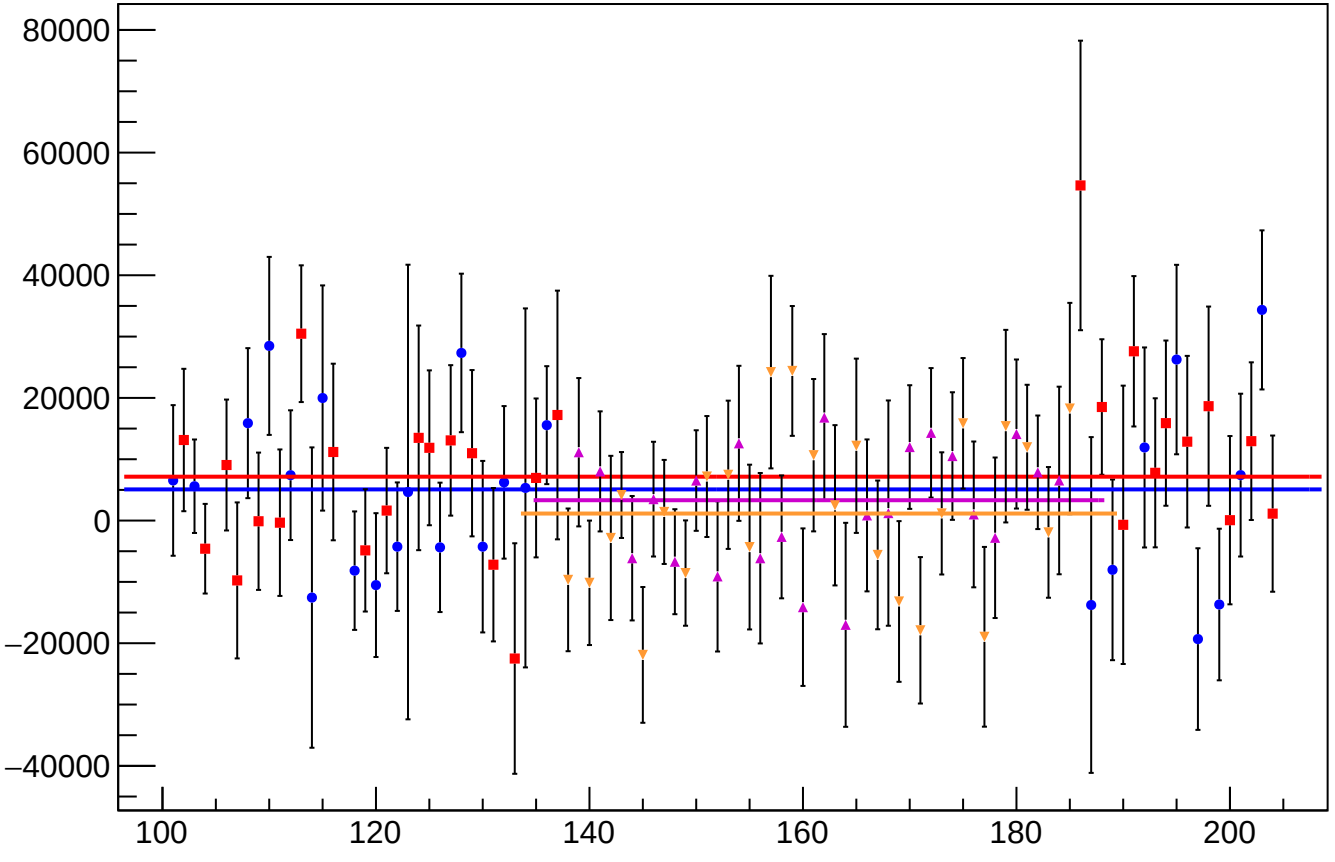
Right: 10654.286+/-2.203 χ^2/NDF: 1507351.9/18

In: 9921.496+/-1.500 χ^2/NDF:1460815.9/30

Out: 9085.424+/-1.329 χ^2/NDF:4263936.0/35

All: 9453.161+/-0.995 χ^2/NDF: 5898747.0/66

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5081.356+/-2566.403 χ^2/NDF: 27.9/24

Left Out: 1145.185+/-2232.341 χ^2/NDF:27.9/24

Right Out: 7154.874+/-2326.076 χ^2/NDF: 26.1/28

Left In: 3316.960+/-2336.196 χ^2/NDF:13.4/22

Left: 2181.728+/-1613.970 χ^2/NDF: 41.7/47

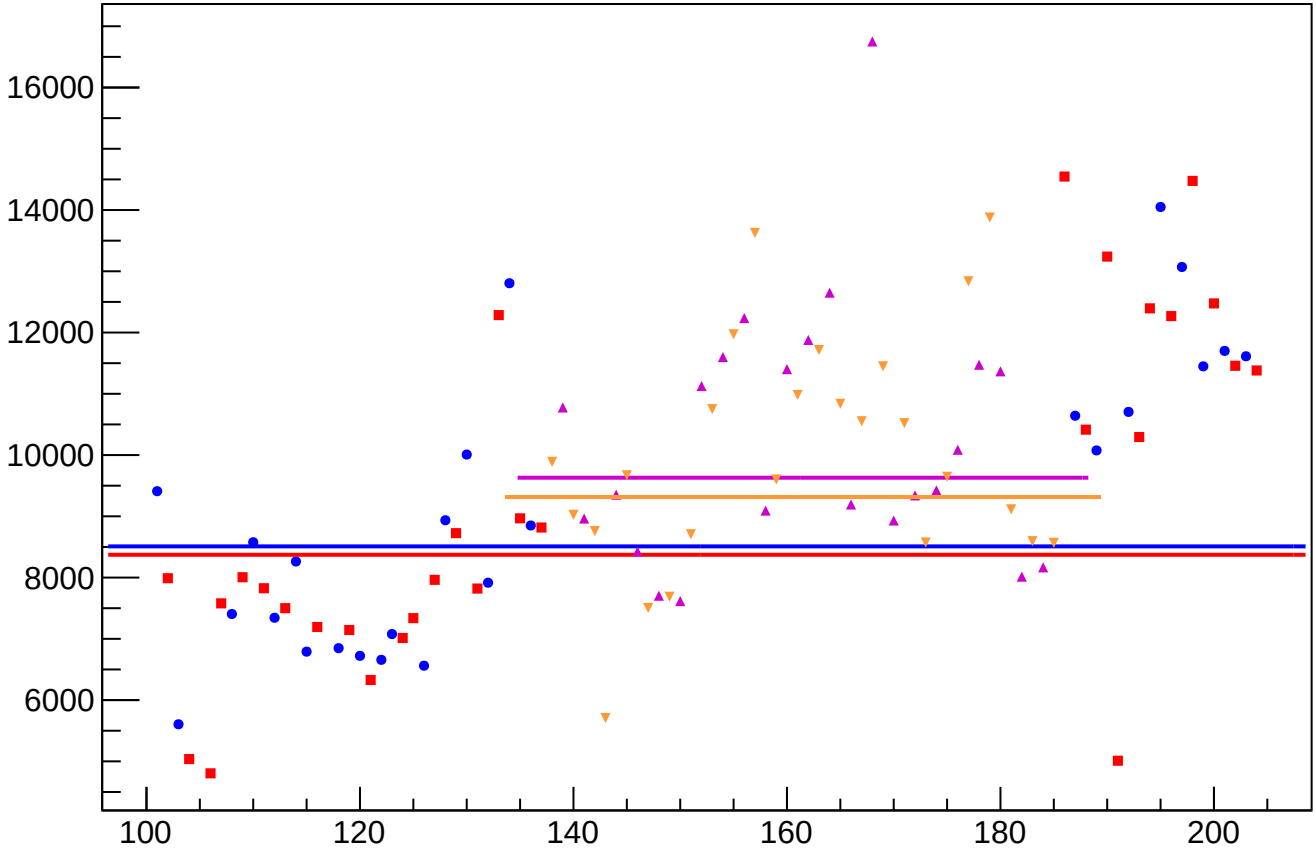
Right: 6219.725+/-1723.500 χ^2/NDF: 54.4/53

In: 4116.491+/-1727.605 χ^2/NDF:41.6/47

Out: 4026.505+/-1610.622 χ^2/NDF:57.4/53

All: 4068.349+/-1178.069 χ^2/NDF: 99.0/101

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 8509.161+/-1.815 χ^2/NDF: 1535325.6/24

Left Out: 9315.396+/-1.579 χ^2/NDF:1503512.6/24

Right Out: 8372.293+/-1.645 χ^2/NDF: 2435658.8/28

Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

Left: 9465.715+/-1.141 χ^2/NDF: 2597156.4/47

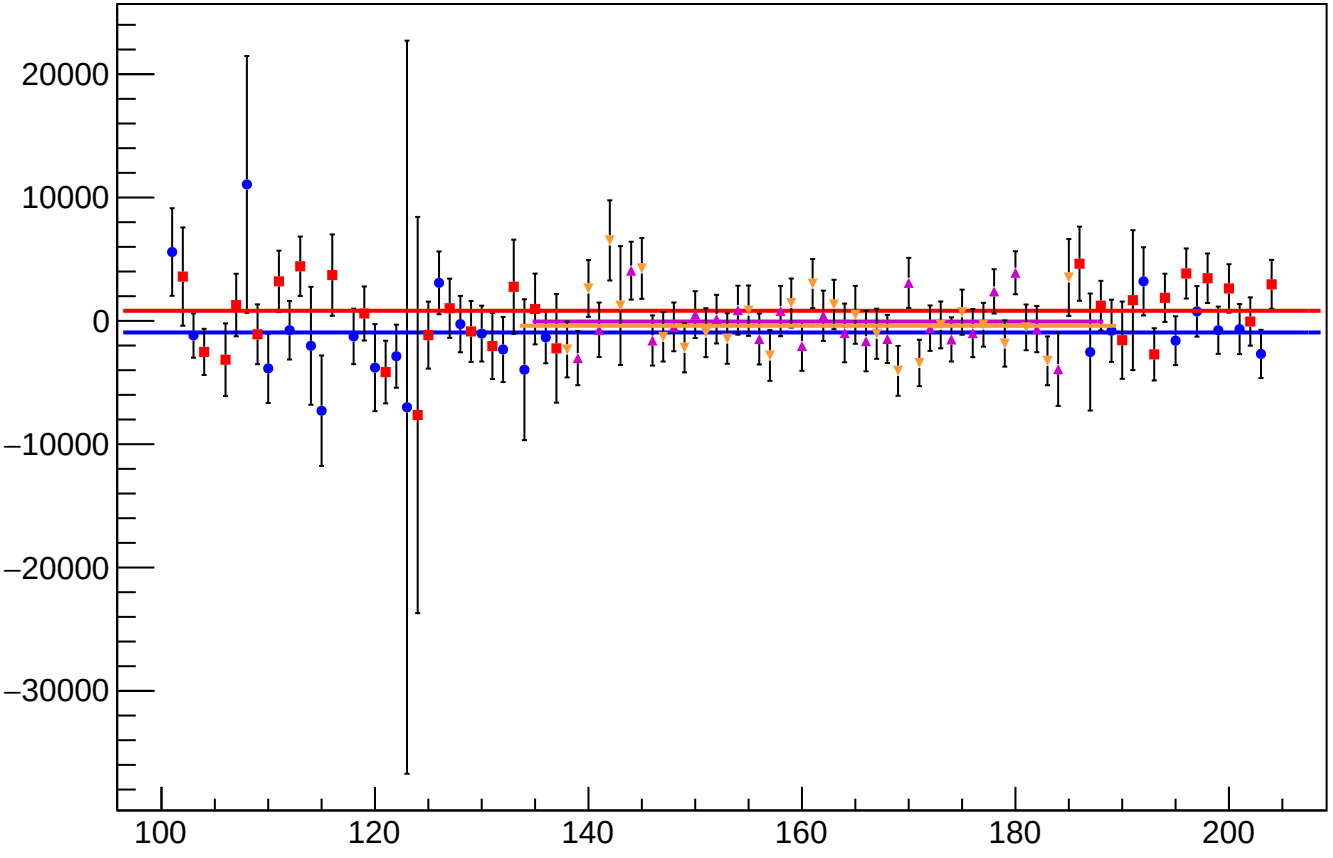
Right: 8434.015+/-1.219 χ^2/NDF: 3974107.6/53

In: 9122.273+/-1.222 χ^2/NDF:2818713.0/47

Out: 8863.187+/-1.139 χ^2/NDF:4110333.7/53

All: 8983.657+/-0.833 χ^2/NDF: 6953112.8/10

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -940.582+/-514.962 χ^2/NDF: 16.3/24

Left Out: -403.389+/-419.243 χ^2/NDF:28.9/24

Right Out: 818.374+/-462.293 χ^2/NDF: 28.5/28

Left In: -53.539+/-422.570 χ^2/NDF:20.9/22

Left: -229.847+/-297.619 χ^2/NDF: 50.1/47

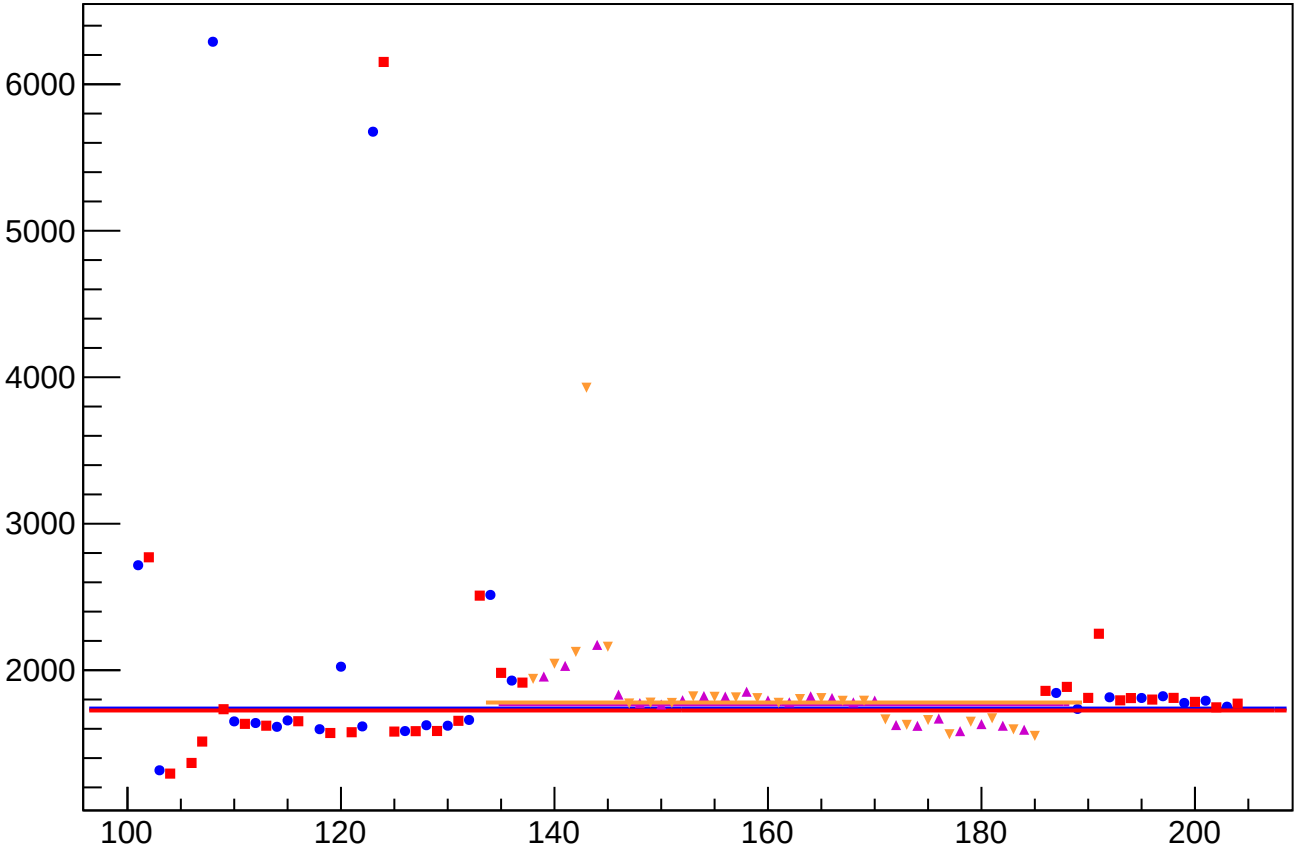
Right: 33.420+/-344.009 χ^2/NDF: 51.3/53

In: -410.485+/-326.666 χ^2/NDF:38.9/47

Out: 147.970+/-310.557 χ^2/NDF:61.3/53

All: -117.149+/-225.076 χ^2/NDF: 101.8/101

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1738.086+/-0.364 χ^2/NDF: 795491.8/24

Left Out: 1779.434+/-0.296 χ^2/NDF:610925.0/24

Right Out: 1725.106+/-0.327 χ^2/NDF: 638577.9/28

Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

Left: 1773.422+/-0.210 χ^2/NDF: 808337.9/47

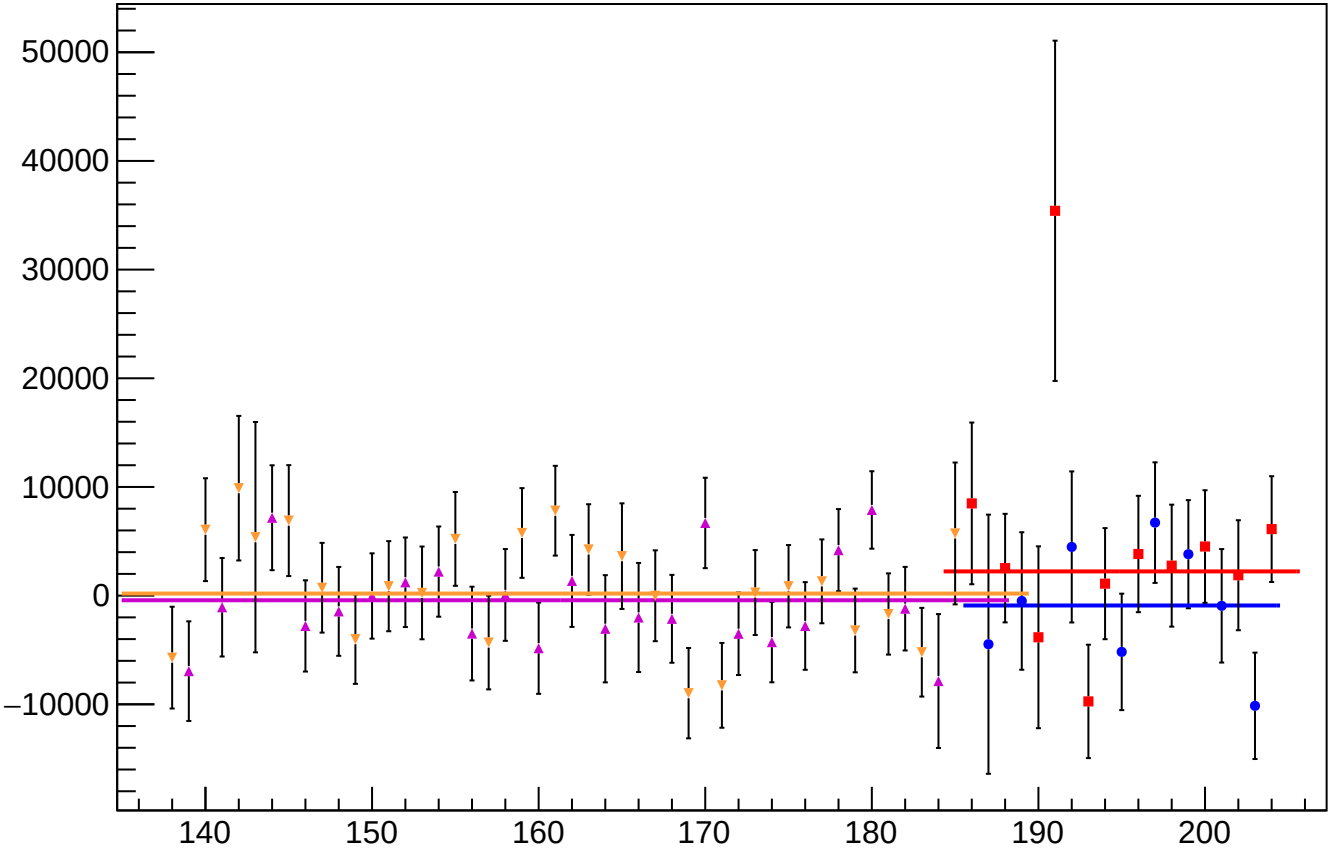
Right: 1730.898+/-0.243 χ^2/NDF: 1434773.3/53

In: 1755.553+/-0.231 χ^2/NDF:995925.7/47

Out: 1754.917+/-0.220 χ^2/NDF:1264659.4/53

All: 1755.219+/-0.159 χ^2/NDF: 2260589.1/10

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -906.446+/-2046.023 χ^2/NDF: 7.7/7

Left Out: 191.104+/-869.912 χ^2/NDF:30.6/24

Right Out: 2230.084+/-1723.352 χ^2/NDF: 12.0/10

Left In: -426.004+/-874.870 χ^2/NDF:21.3/22

Left: -115.696+/-616.866 χ^2/NDF: 52.1/47

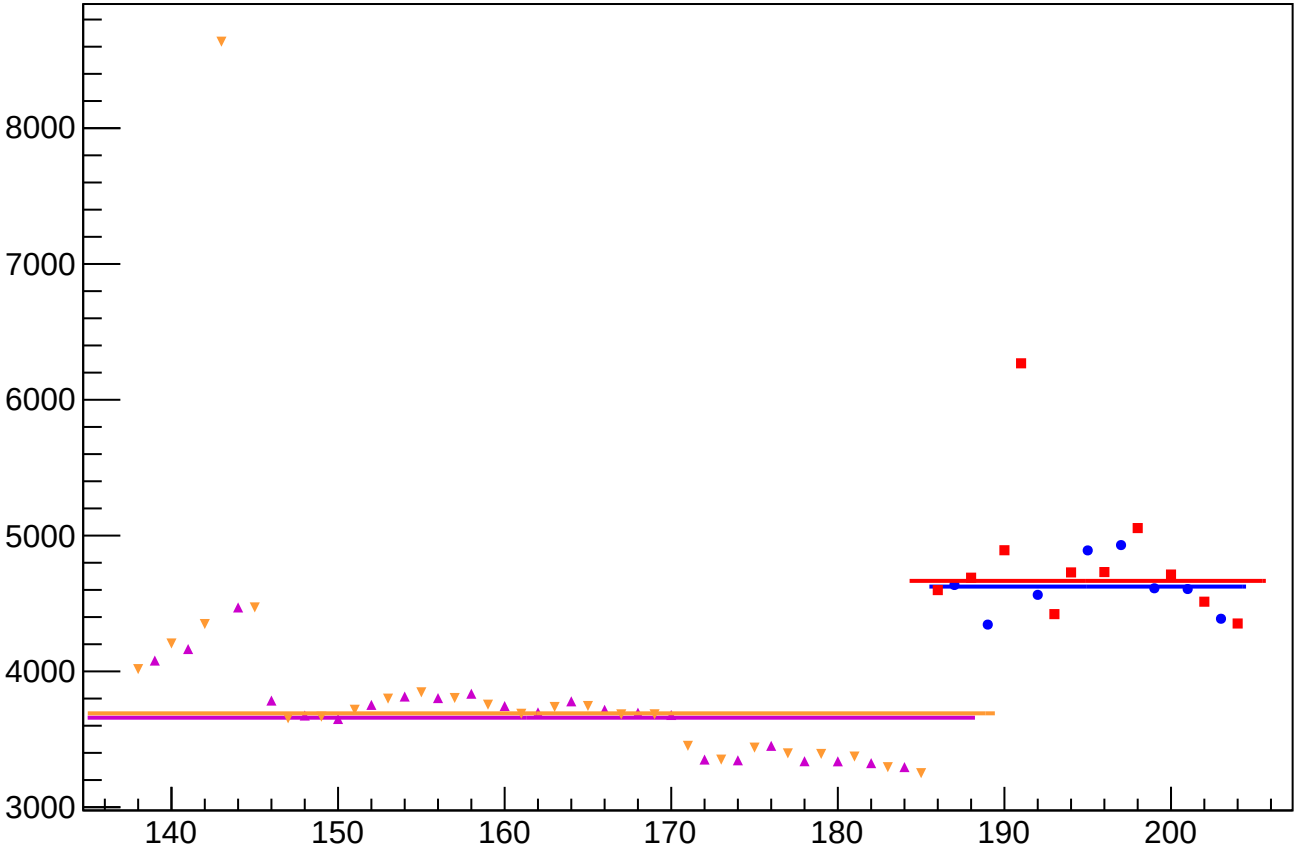
Right: 928.362+/-1318.089 χ^2/NDF: 21.0/18

In: -500.269+/-804.417 χ^2/NDF:29.0/30

Out: 605.142+/-776.583 χ^2/NDF:43.7/35

All: 71.892+/-558.708 χ^2/NDF: 73.7/66

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4624.442+/-1.447 χ^2/NDF: 19803.5/7

Left Out: 3691.174+/-0.615 χ^2/NDF:639471.7/24

Right Out: 4666.502+/-1.219 χ^2/NDF: 47536.1/10

Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

Left: 3675.221+/-0.436 χ^2/NDF: 838901.7/47

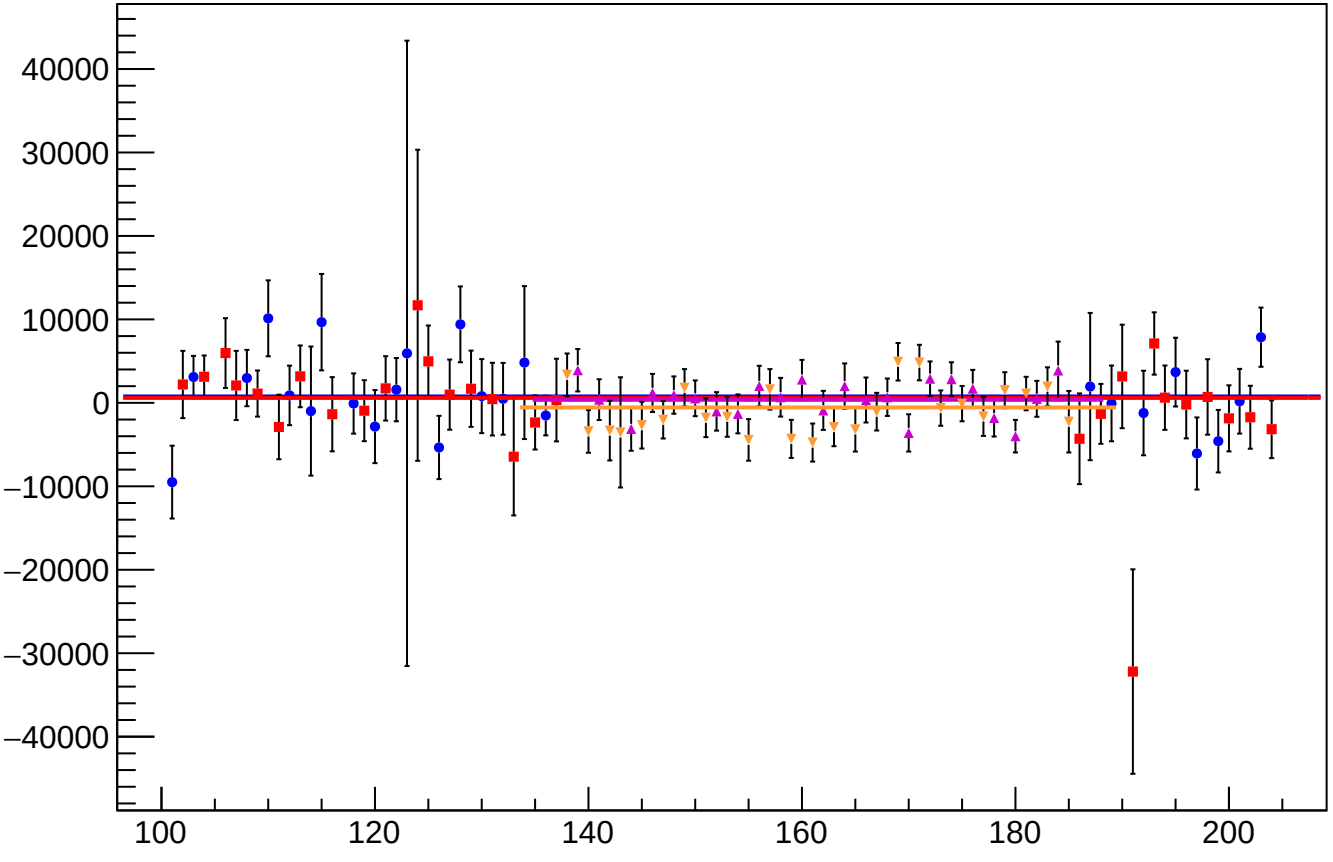
Right: 4649.046+/-0.932 χ^2/NDF: 67834.0/18

In: 3808.307+/-0.569 χ^2/NDF:594288.7/30

Out: 3889.226+/-0.549 χ^2/NDF:1197525.0/35

All: 3850.191+/-0.395 χ^2/NDF: 1802289.1/66

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 763.970+/-813.527 χ^2/NDF: 30.9/24

Left Out: -551.411+/-481.630 χ^2/NDF:34.0/24

Right Out: 593.738+/-750.498 χ^2/NDF: 21.5/28

Left In: 366.243+/-483.092 χ^2/NDF:20.5/22

Left: -93.975+/-341.080 χ^2/NDF: 56.4/47

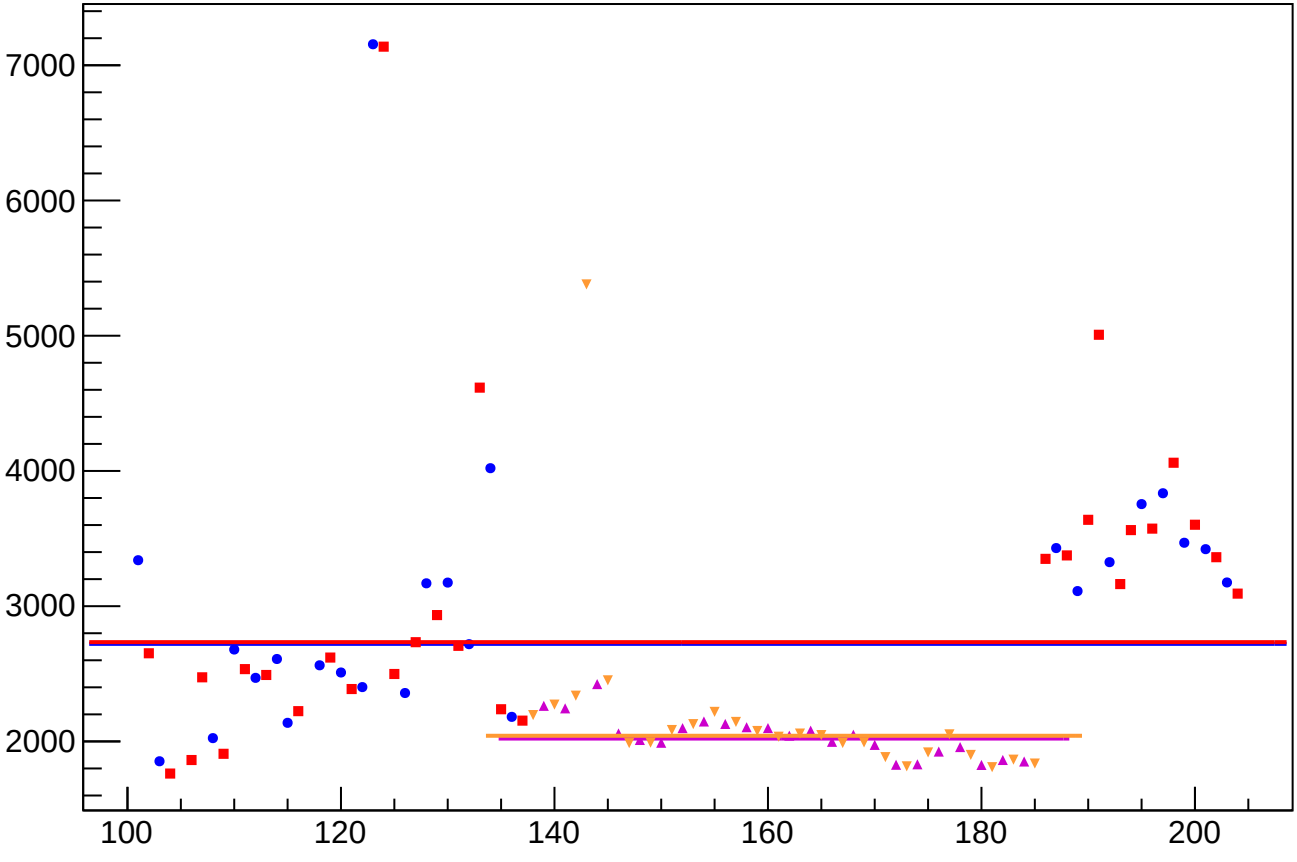
Right: 672.005+/-551.620 χ^2/NDF: 52.4/53

In: 469.930+/-415.376 χ^2/NDF:51.6/47

Out: -217.367+/-405.341 χ^2/NDF:57.2/53

All: 117.880+/-290.102 χ^2/NDF: 110.2/101

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2721.383+/-0.575 χ^2/NDF: 1136908.8/24

Left Out: 2041.781+/-0.341 χ^2/NDF:706854.2/24

Right Out: 2734.120+/-0.531 χ^2/NDF: 1712713.9/28

Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

Left: 2031.455+/-0.241 χ^2/NDF: 887424.8/47

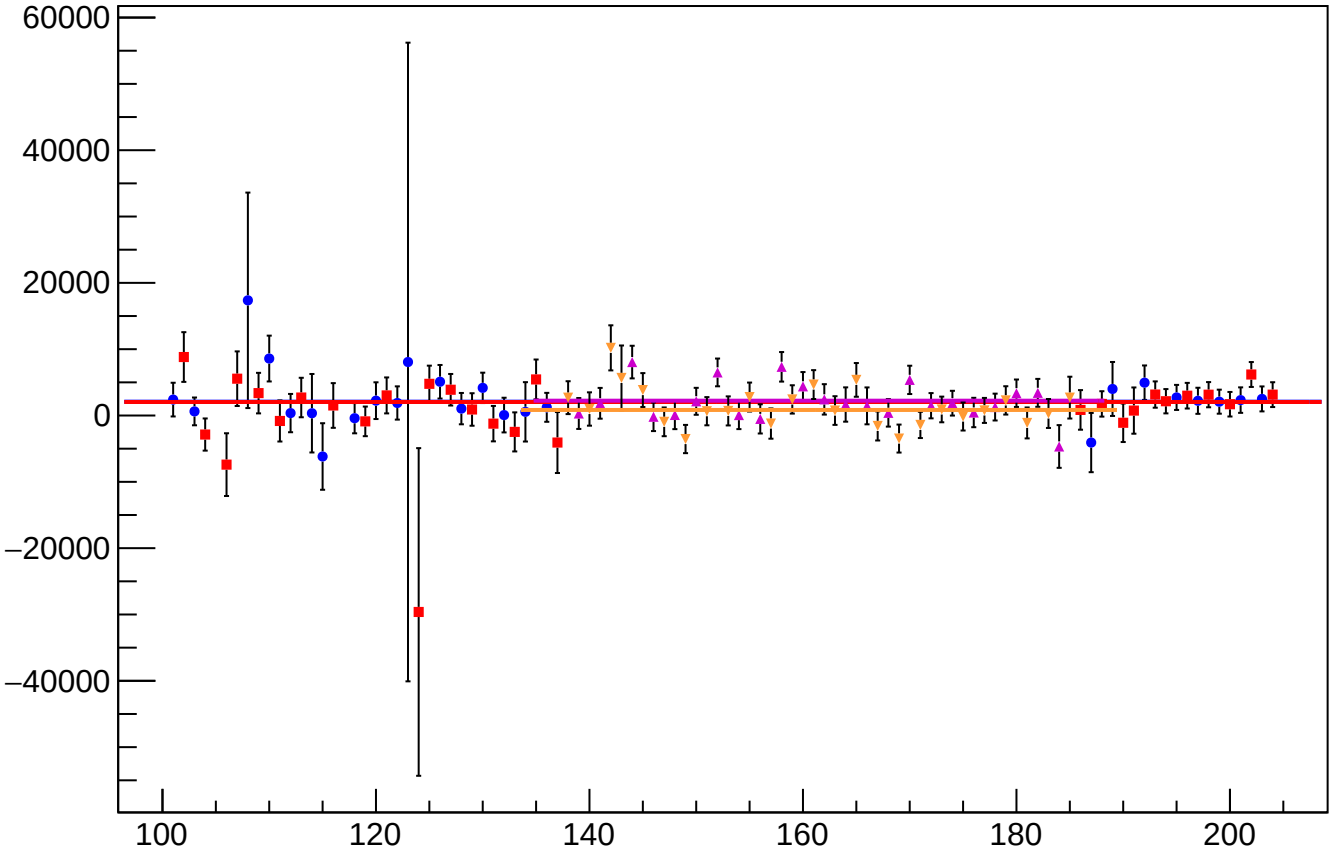
Right: 2728.264+/-0.390 χ^2/NDF: 2849887.5/53

In: 2203.637+/-0.294 χ^2/NDF:2411354.6/47

Out: 2243.740+/-0.287 χ^2/NDF:3625116.1/53

All: 2224.179+/-0.205 χ^2/NDF: 6046019.6/10

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2086.293+/-517.790 χ^2/NDF: 16.1/24

Left Out: 837.426+/-454.502 χ^2/NDF:32.3/24

Right Out: 2039.114+/-469.832 χ^2/NDF: 33.0/28

Left In: 2235.652+/-457.720 χ^2/NDF:31.0/22

Left: 1531.607+/-322.513 χ^2/NDF: 68.0/47

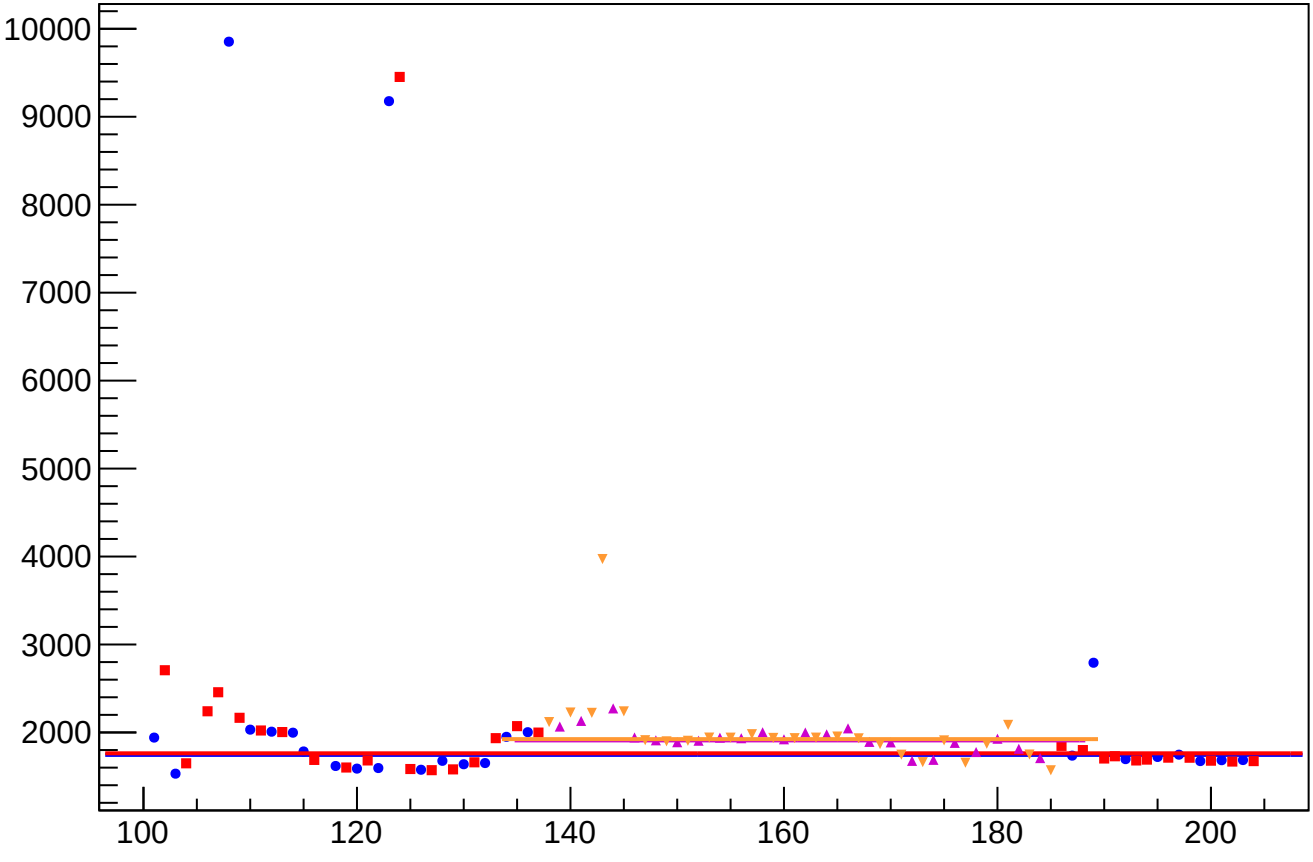
Right: 2060.418+/-347.944 χ^2/NDF: 49.2/53

In: 2170.135+/-342.937 χ^2/NDF:47.1/47

Out: 1418.346+/-326.667 χ^2/NDF:68.8/53

All: 1775.984+/-236.531 χ^2/NDF: 118.4/101

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1744.753+/-0.366 χ^2/NDF: 822986.7/24

Left Out: 1924.077+/-0.321 χ^2/NDF:583939.2/24

Right Out: 1762.851+/-0.332 χ^2/NDF: 574959.6/28

Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

Left: 1916.918+/-0.228 χ^2/NDF: 749414.3/47

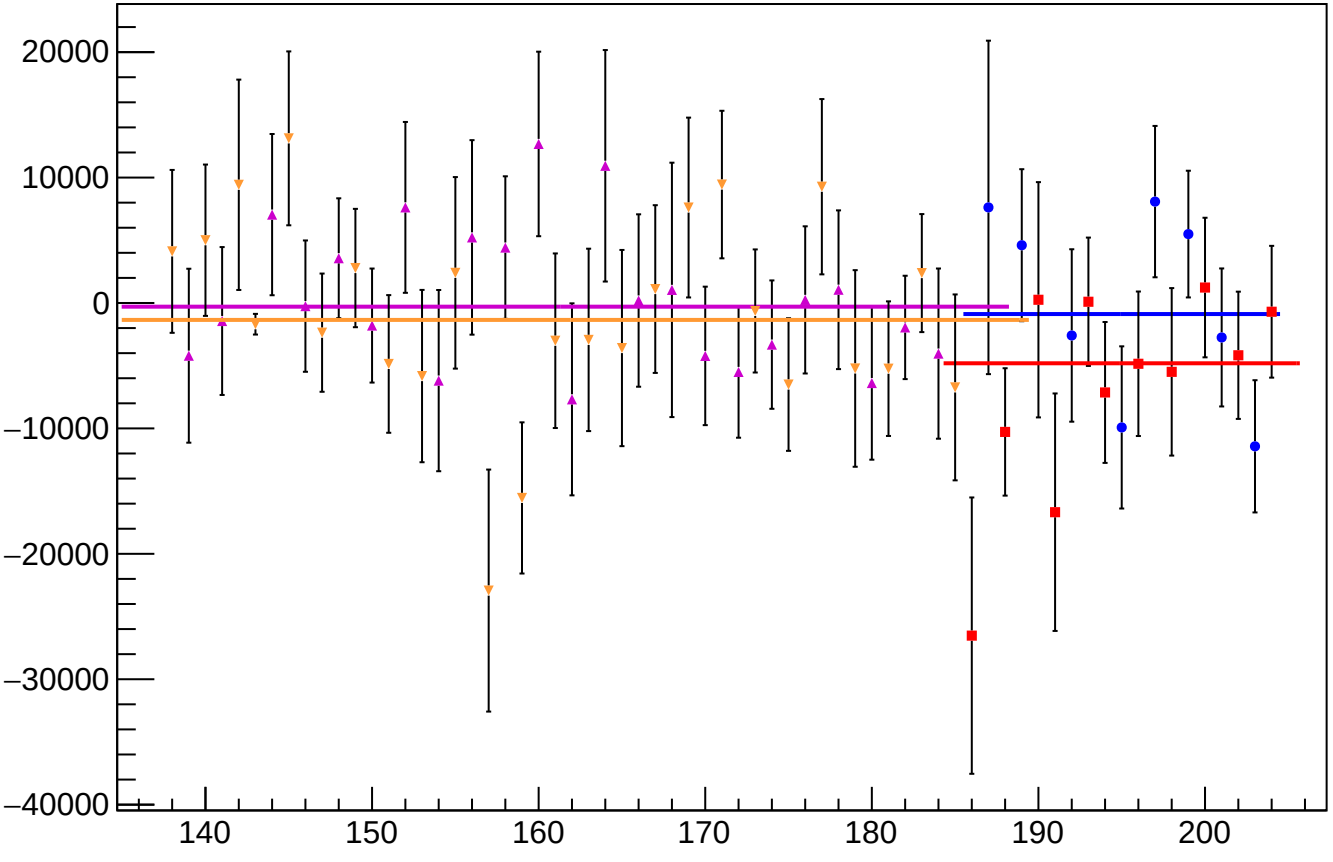
Right: 1754.684+/-0.246 χ^2/NDF: 1399287.1/53

In: 1837.321+/-0.242 χ^2/NDF:1101333.6/47

Out: 1846.095+/-0.231 χ^2/NDF:1280626.1/53

All: 1841.922+/-0.167 χ^2/NDF: 2382646.3/10

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: -881.947+/-2163.521 χ^2/NDF: 11.2/7

Left Out: -1349.584+/-690.658 χ^2/NDF:30.9/24

Right Out: -4807.708+/-1827.659 χ^2/NDF: 9.8/10

Left In: -294.047+/-1252.274 χ^2/NDF:14.5/22

Left: -1103.398+/-604.776 χ^2/NDF: 46.0/47

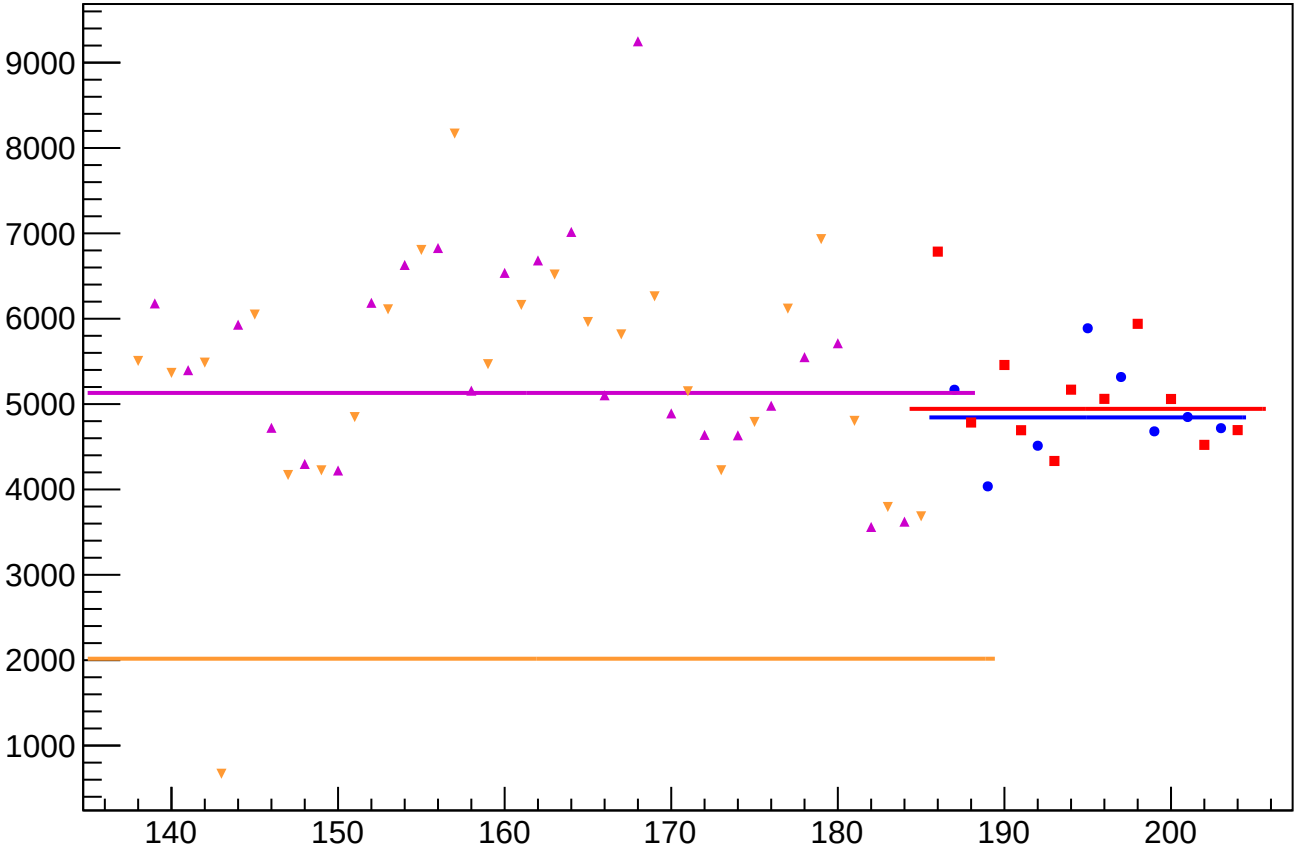
Right: -3172.861+/-1396.168 χ^2/NDF: 22.9/18

In: -441.581+/-1083.814 χ^2/NDF:25.8/30

Out: -1781.705+/-646.067 χ^2/NDF:43.8/35

All: -1430.353+/-554.949 χ^2/NDF: 70.7/66

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 4844.022+/-1.530 χ^2/NDF: 109079.6/7

Left Out: 2017.245+/-0.488 χ^2/NDF:19159743.3/24

Right Out: 4944.169+/-1.292 χ^2/NDF: 161483.6/10

Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

Left: 2743.420+/-0.428 χ^2/NDF: 30129278.1/47

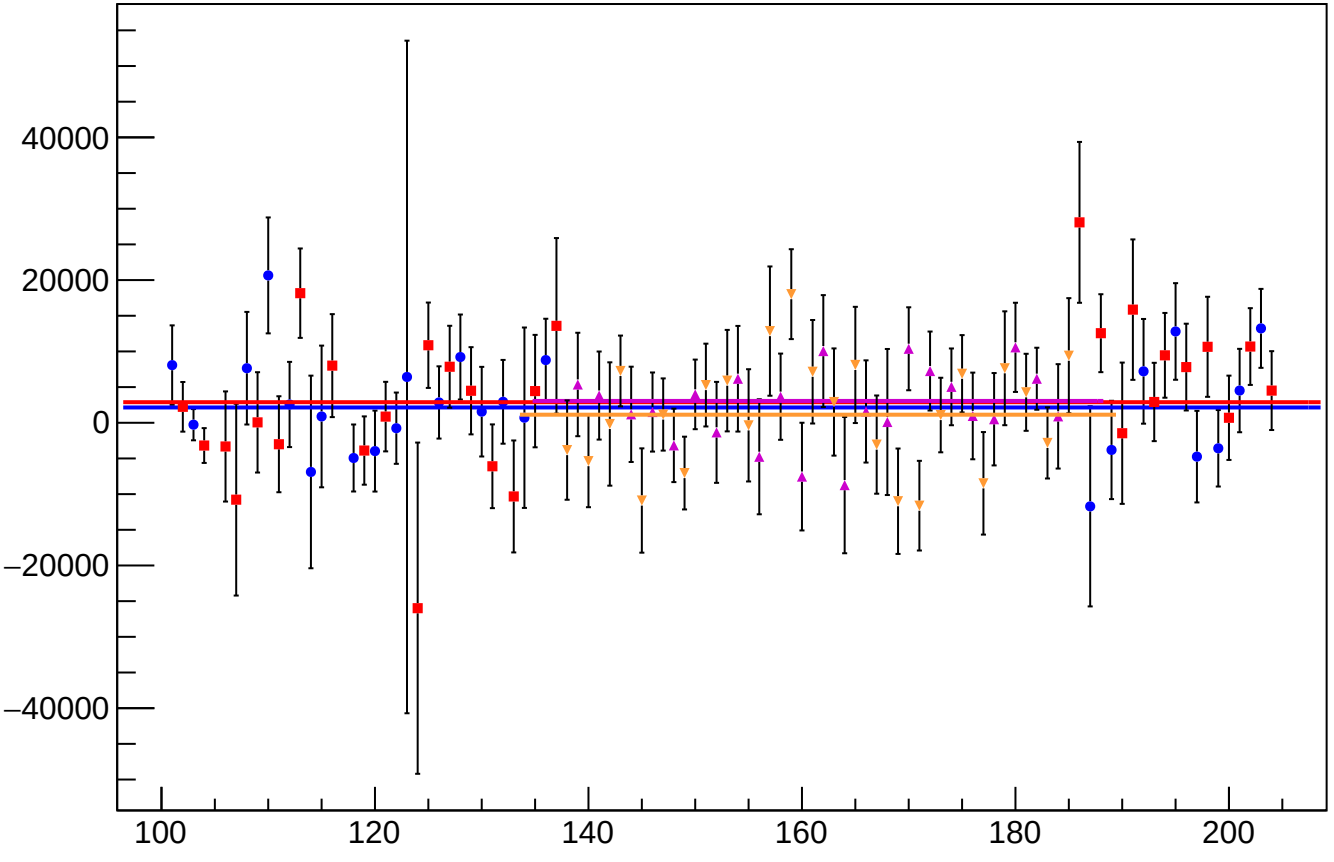
Right: 4902.464+/-0.987 χ^2/NDF: 273063.9/18

In: 5058.800+/-0.766 χ^2/NDF:1625206.1/30

Out: 2382.988+/-0.457 χ^2/NDF:23809626.1/35

All: 3084.529+/-0.392 χ^2/NDF: 34429461.9/6

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2145.960+/-1133.652 χ^2/NDF: 26.2/24

Left Out: 1132.501+/-1280.211 χ^2/NDF:32.5/24

Right Out: 2885.049+/-1073.779 χ^2/NDF: 43.1/28

Left In: 3061.439+/-1313.197 χ^2/NDF:12.3/22

Left: 2072.439+/-916.686 χ^2/NDF: 45.9/47

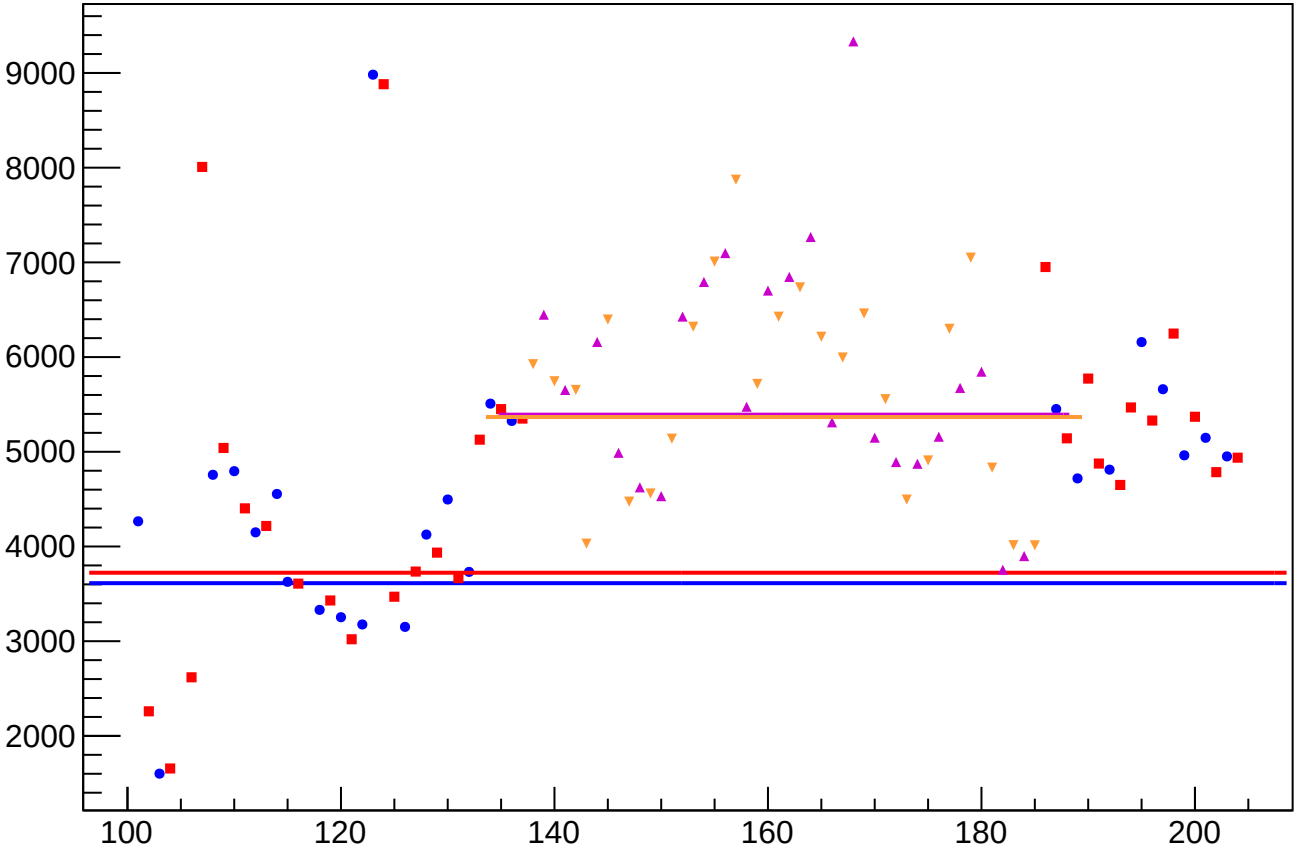
Right: 2535.536+/-779.584 χ^2/NDF: 69.5/53

In: 2536.883+/-858.127 χ^2/NDF:38.8/47

Out: 2161.291+/-822.704 χ^2/NDF:76.6/53

All: 2341.175+/-593.867 χ^2/NDF: 115.6/101

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3612.587+/-0.802 χ^2/NDF: 3183287.3/24

Left Out: 5366.944+/-0.905 χ^2/NDF:1213541.3/24

Right Out: 3722.911+/-0.752 χ^2/NDF: 3900561.5/28

Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

Left: 5379.147+/-0.648 χ^2/NDF: 2534329.7/47

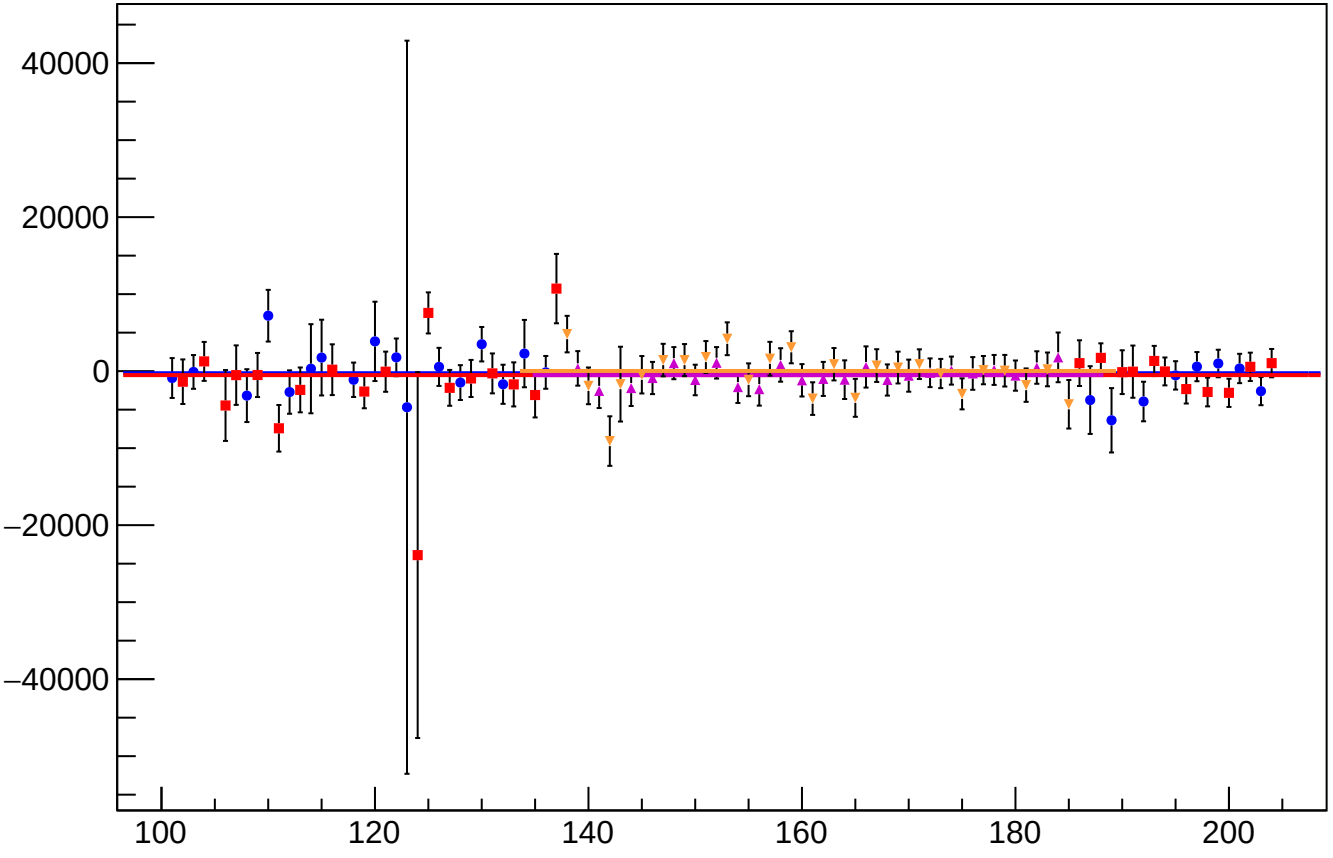
Right: 3671.300+/-0.548 χ^2/NDF: 7093929.1/53

In: 4372.414+/-0.607 χ^2/NDF:6607781.4/47

Out: 4393.733+/-0.578 χ^2/NDF:7066572.5/53

All: 4383.587+/-0.419 χ^2/NDF: 13675000.9/1

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -270.233+/-510.131 χ^2/NDF: 19.3/24

Left Out: 23.375+/-440.724 χ^2/NDF:31.7/24

Right Out: -515.701+/-458.519 χ^2/NDF: 33.5/28

Left In: -514.693+/-444.402 χ^2/NDF:5.9/22

Left: -243.423+/-312.931 χ^2/NDF: 38.4/47

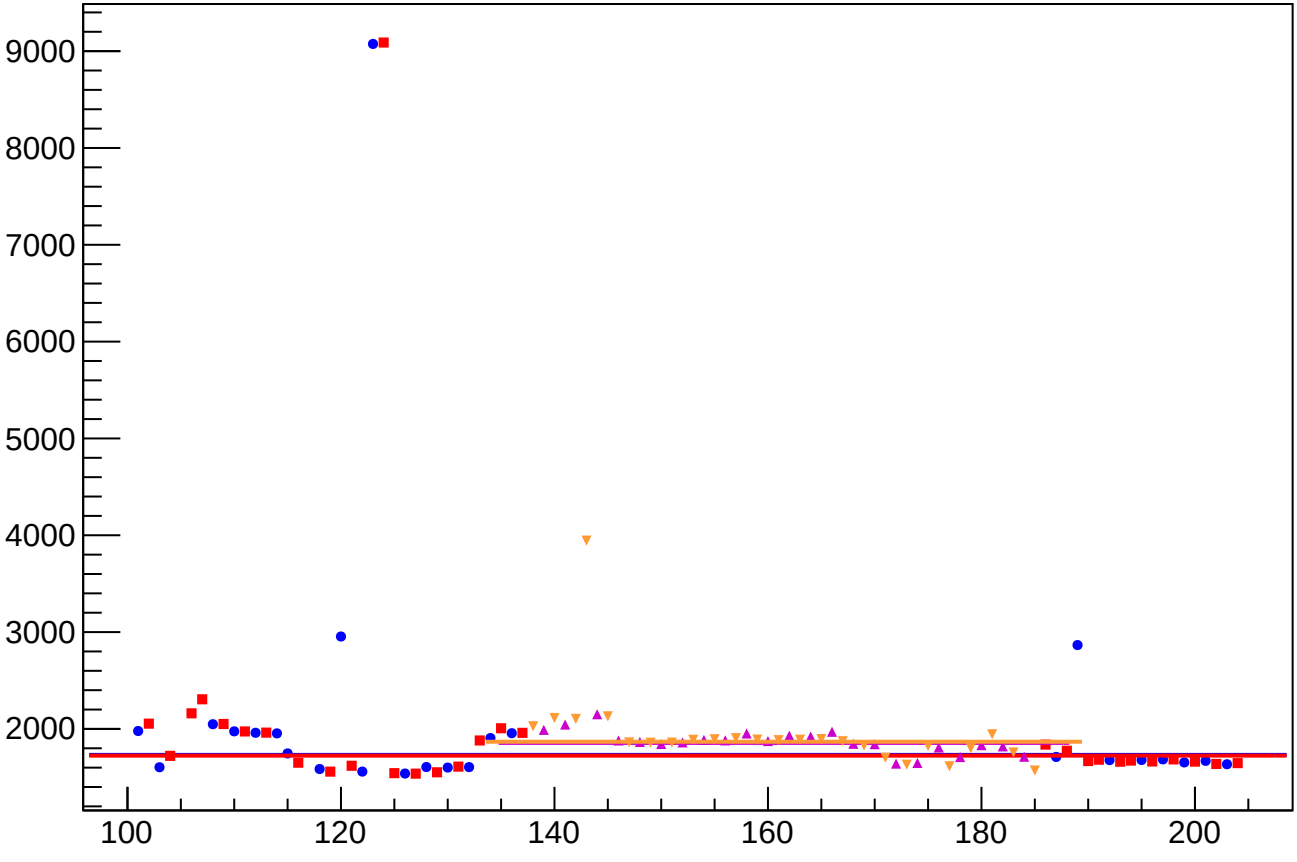
Right: -406.009+/-341.014 χ^2/NDF: 53.0/53

In: -409.217+/-335.085 χ^2/NDF:25.4/47

Out: -235.499+/-317.744 χ^2/NDF:65.9/53

All: -317.747+/-230.566 χ^2/NDF: 91.4/101

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1731.592+/-0.361 χ^2/NDF: 465256.1/24

Left Out: 1867.539+/-0.312 χ^2/NDF:545343.0/24

Right Out: 1724.146+/-0.324 χ^2/NDF: 441671.0/28

Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

Left: 1861.559+/-0.221 χ^2/NDF: 682305.0/47

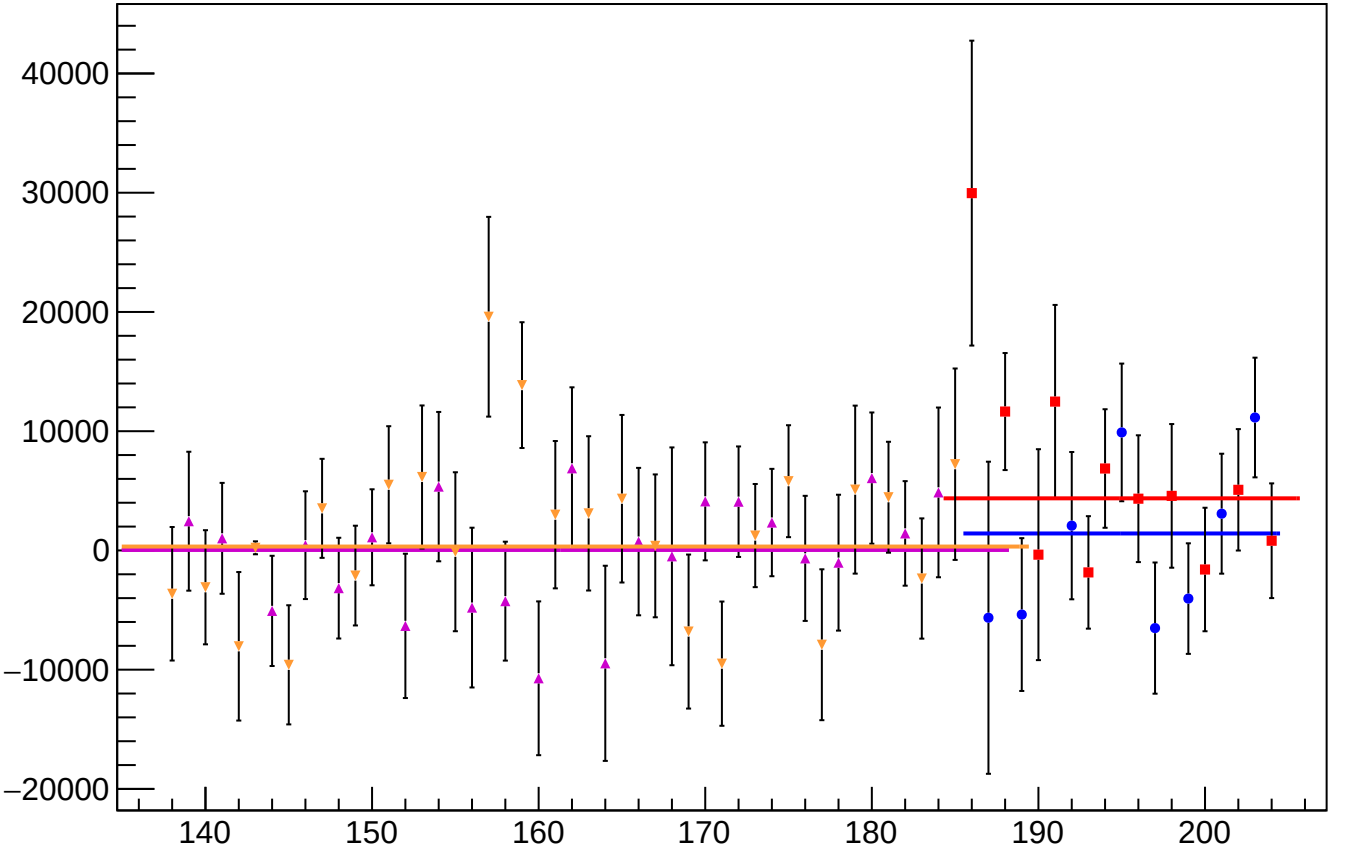
Right: 1727.471+/-0.241 χ^2/NDF: 907162.9/53

In: 1802.026+/-0.237 χ^2/NDF:668538.0/47

Out: 1798.628+/-0.225 χ^2/NDF:1088759.7/53

All: 1800.236+/-0.163 χ^2/NDF: 1757406.1/10

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 1423.482+/-2019.386 χ^2/NDF: 10.9/7

Left Out: 325.135+/-488.239 χ^2/NDF:32.5/24

Right Out: 4369.211+/-1707.350 χ^2/NDF: 11.4/10

Left In: 40.142+/-1109.747 χ^2/NDF:13.9/22

Left: 278.917+/-446.900 χ^2/NDF: 46.4/47

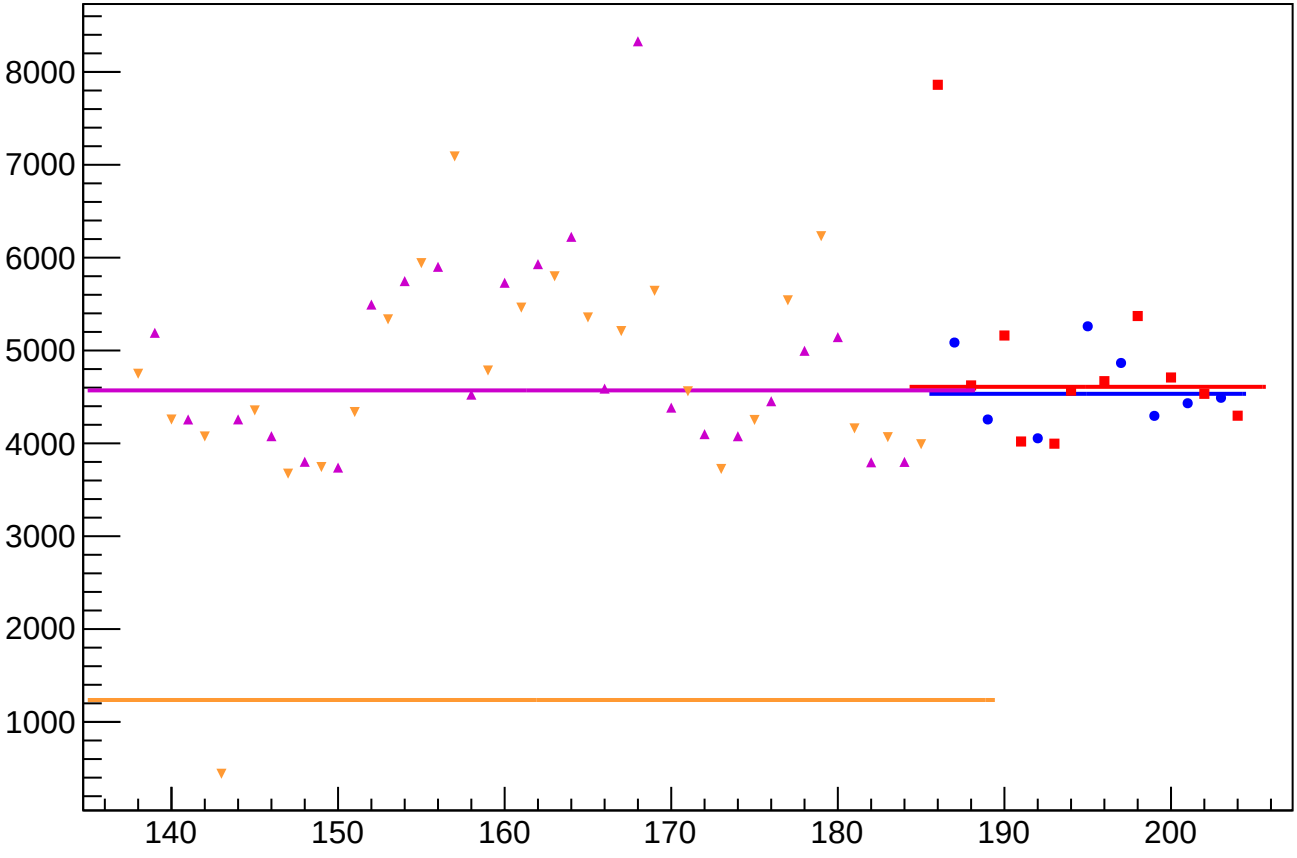
Right: 3141.272+/-1303.801 χ^2/NDF: 23.5/18

In: 361.010+/-972.564 χ^2/NDF:25.1/30

Out: 630.839+/-469.423 χ^2/NDF:49.1/35

All: 579.856+/-422.755 χ^2/NDF: 74.3/66

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4533.467+/-1.428 χ^2/NDF: 64534.7/7

Left Out: 1236.170+/-0.345 χ^2/NDF:23395886.7/24

Right Out: 4608.788+/-1.207 χ^2/NDF: 223532.7/10

Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

Left: 1776.884+/-0.316 χ^2/NDF: 39667244.3/47

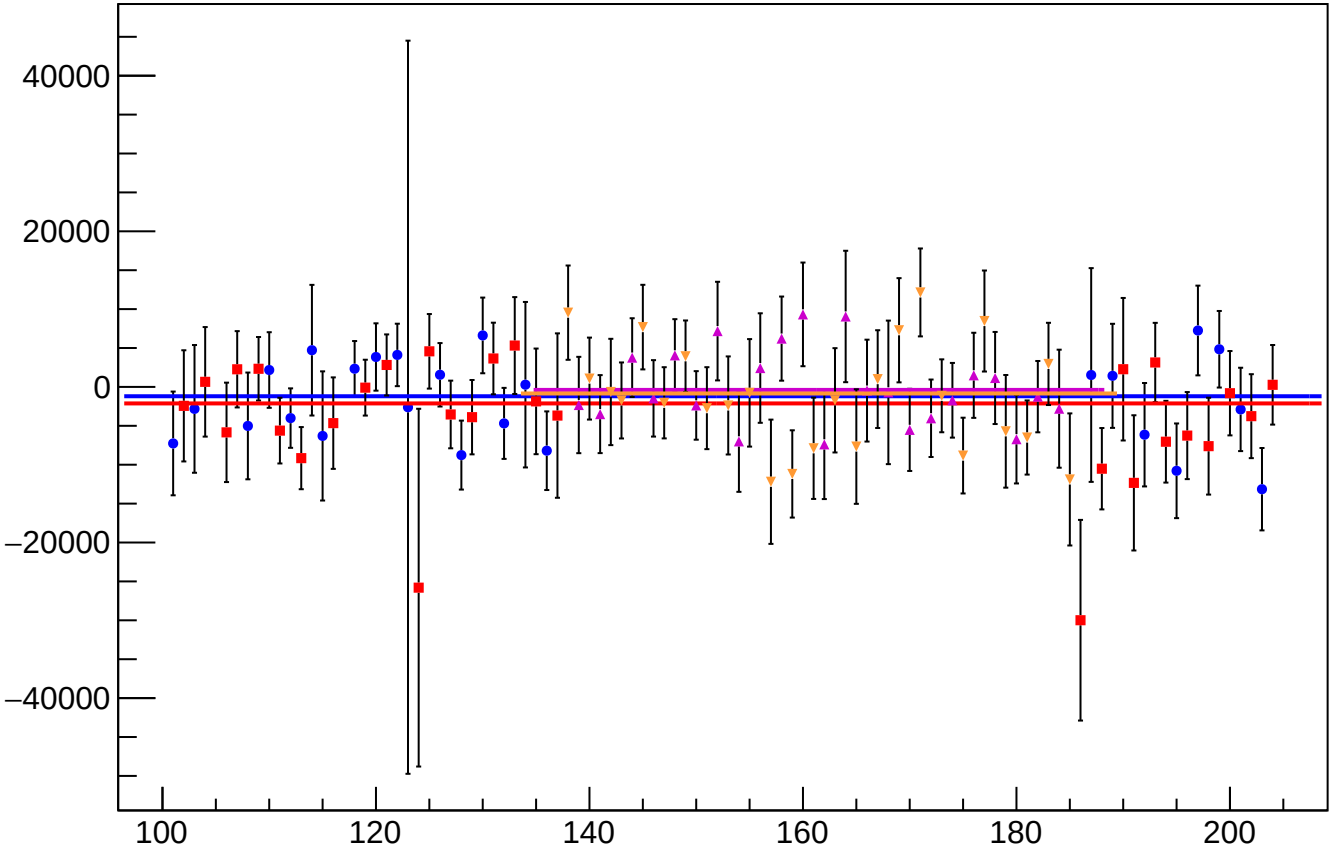
Right: 4577.390+/-0.922 χ^2/NDF: 289690.0/18

In: 4561.832+/-0.688 χ^2/NDF:1210260.1/30

Out: 1491.117+/-0.332 χ^2/NDF:30833521.0/35

All: 2071.320+/-0.299 χ^2/NDF: 48214216.4/6

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1199.978+/-1077.367 χ^2/NDF: 27.7/24

Left Out: -845.427+/-1152.677 χ^2/NDF:30.0/24

Right Out: -2122.639+/-995.665 χ^2/NDF: 27.1/28

Left In: -385.098+/-1181.458 χ^2/NDF:13.9/22

Left: -620.938+/-825.053 χ^2/NDF: 44.0/47

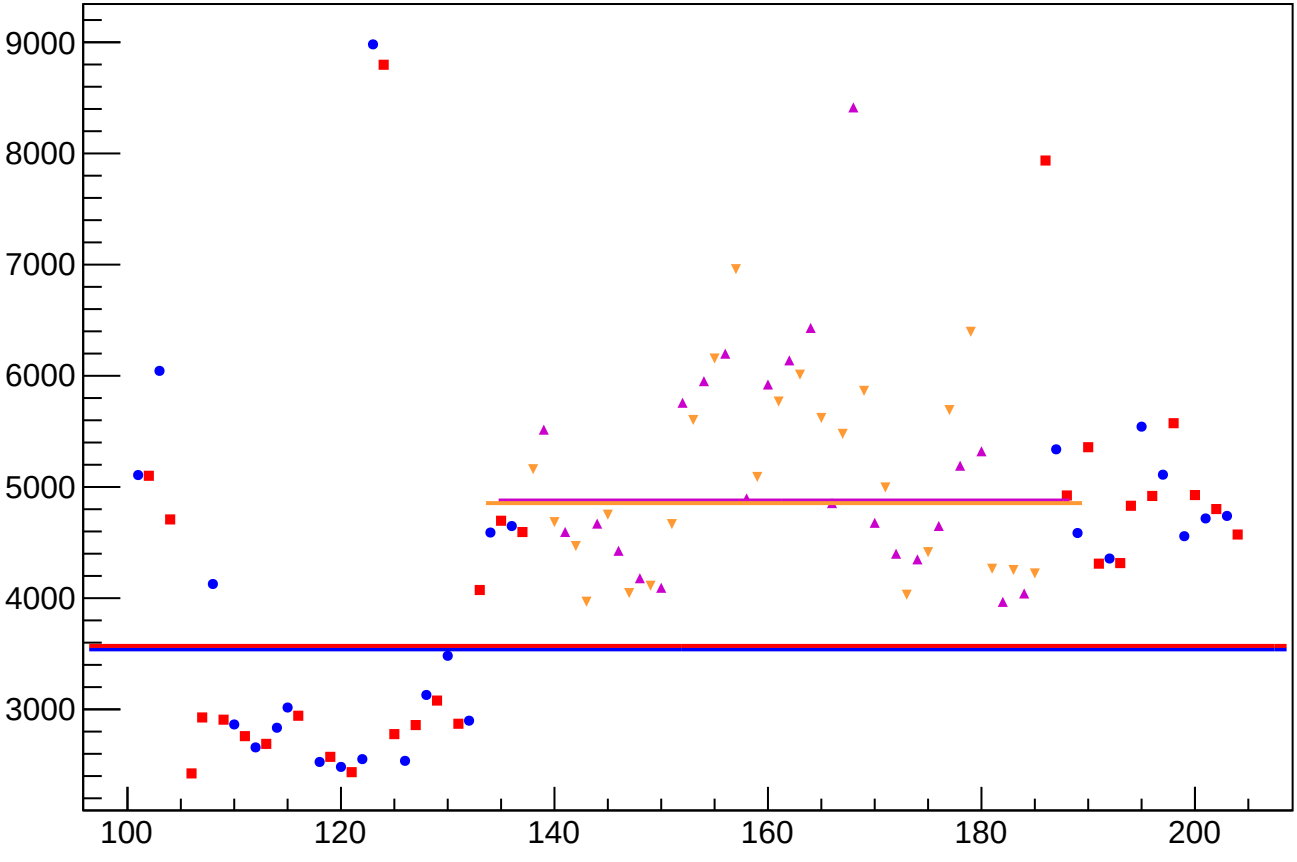
Right: -1697.617+/-731.221 χ^2/NDF: 55.3/53

In: -830.010+/-796.075 χ^2/NDF:41.9/47

Out: -1576.883+/-753.487 χ^2/NDF:57.9/53

All: -1223.958+/-547.232 χ^2/NDF: 100.2/101

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3539.601+/-0.762 χ^2/NDF: 1965105.9/24

Left Out: 4854.932+/-0.815 χ^2/NDF:895557.4/24

Right Out: 3570.728+/-0.698 χ^2/NDF: 2465900.4/28

Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

Left: 4866.309+/-0.583 χ^2/NDF: 1861179.2/47

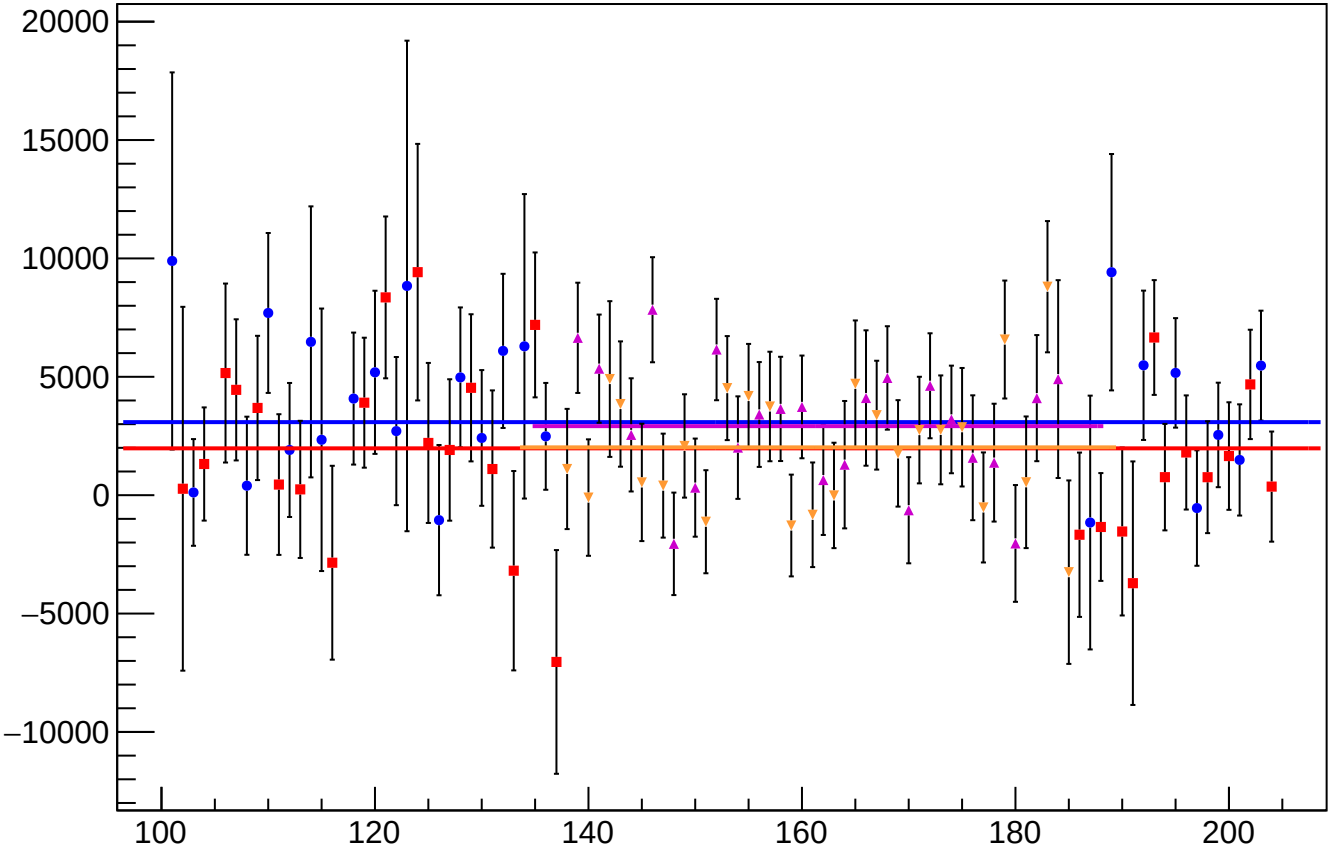
Right: 3556.525+/-0.515 χ^2/NDF: 4431914.1/53

In: 4147.372+/-0.563 χ^2/NDF:4332222.7/47

Out: 4113.955+/-0.530 χ^2/NDF:4793822.6/53

All: 4129.662+/-0.386 χ^2/NDF: 9127912.9/10

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3085.313+/-610.440 χ^2/NDF: 17.3/24

Left Out: 2019.326+/-481.340 χ^2/NDF:27.1/24

Right Out: 1978.095+/-549.845 χ^2/NDF: 30.1/28

Left In: 2916.079+/-489.445 χ^2/NDF:28.8/22

Left: 2460.216+/-343.188 χ^2/NDF: 57.7/47

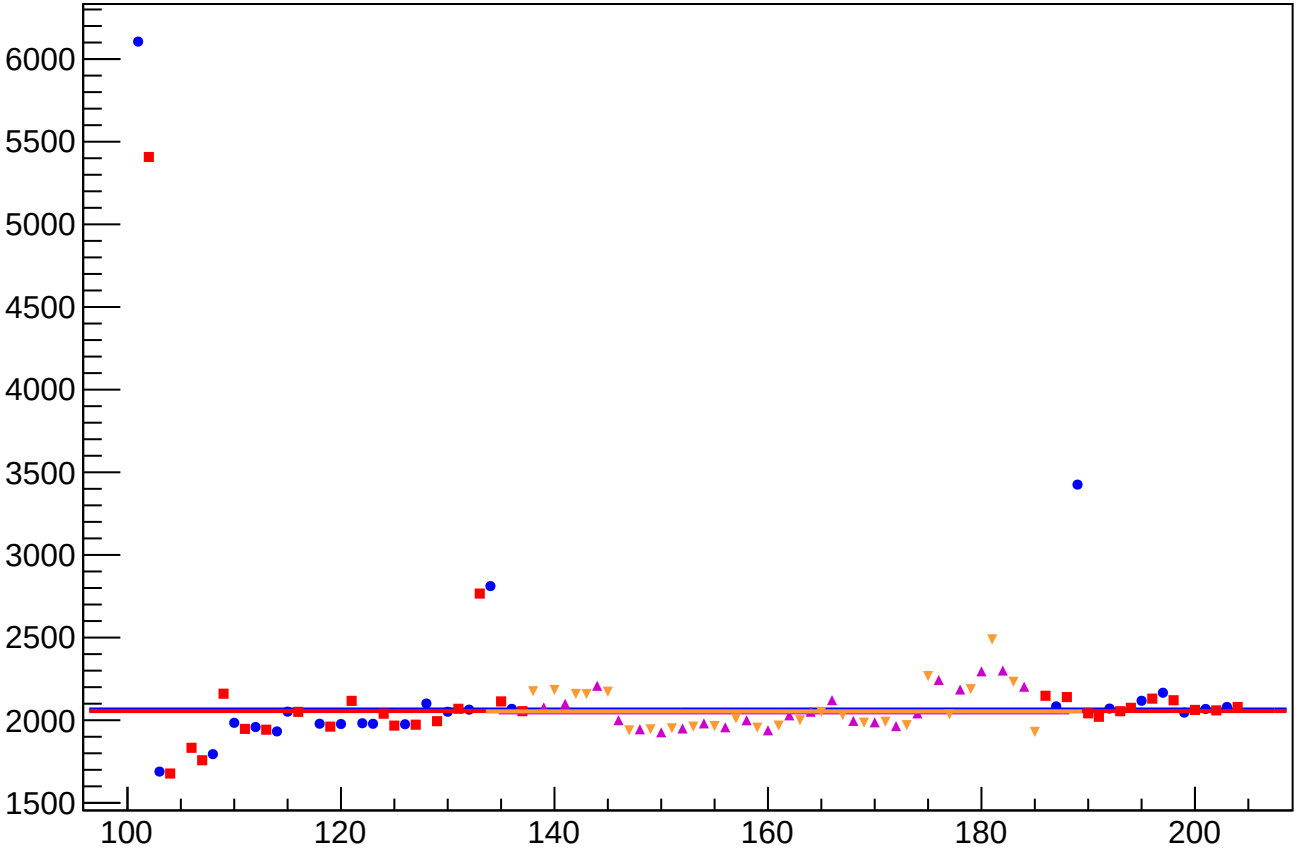
Right: 2474.038+/-408.547 χ^2/NDF: 49.2/53

In: 2982.302+/-381.859 χ^2/NDF:46.2/47

Out: 2001.438+/-362.171 χ^2/NDF:57.3/53

All: 2465.934+/-262.778 χ^2/NDF: 106.9/101

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2065.019+/-0.432 χ^2/NDF: 779627.0/24

Left Out: 2053.296+/-0.340 χ^2/NDF:136888.1/24

Right Out: 2055.459+/-0.389 χ^2/NDF: 538405.8/28

Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

Left: 2050.337+/-0.243 χ^2/NDF: 240043.0/47

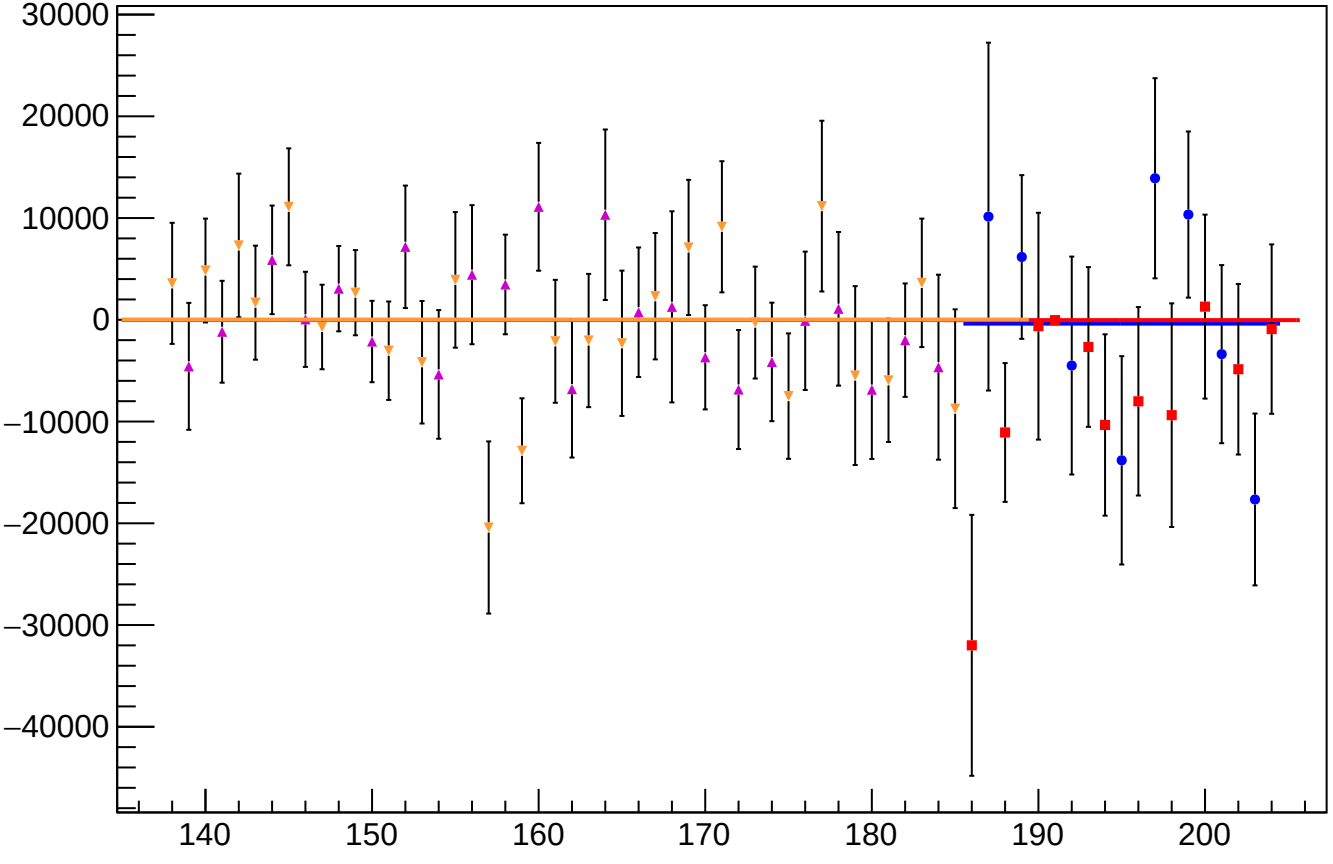
Right: 2059.741+/-0.289 χ^2/NDF: 1318303.7/53

In: 2054.220+/-0.270 χ^2/NDF:883656.5/47

Out: 2054.235+/-0.256 χ^2/NDF:675311.5/53

All: 2054.228+/-0.186 χ^2/NDF: 1558968.0/10

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -375.589+/-3341.721 χ^2/NDF: 11.1/7

Left Out: 25.977+/-1194.625 χ^2/NDF:29.2/24

Right Out: -31.786+/-15.145 χ^2/NDF: 12.1/10

Left In: -23.765+/-1211.652 χ^2/NDF:15.2/22

Left: 1.458+/-850.684 χ^2/NDF: 44.4/47

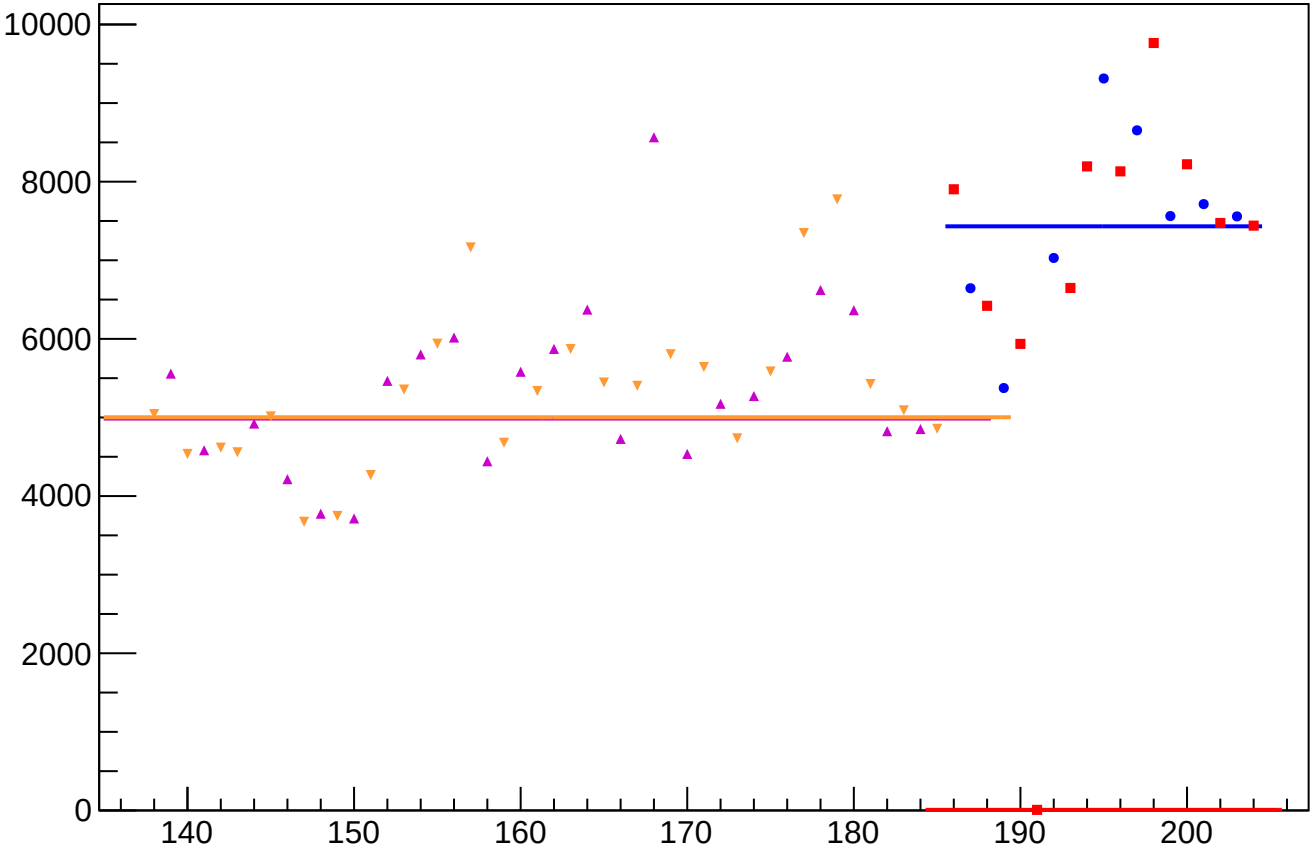
Right: -31.794+/-15.145 χ^2/NDF: 23.2/18

In: -64.644+/-1139.087 χ^2/NDF:26.3/30

Out: -31.777+/-15.144 χ^2/NDF:41.3/35

All: -31.783+/-15.142 χ^2/NDF: 67.6/66

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 7431.991+/-2.363 χ^2/NDF: 239270.8/7

Left Out: 5002.559+/-0.845 χ^2/NDF:1145597.1/24

Right Out: 7.721+/-0.011 χ^2/NDF: 14157231.9/10

Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

Left: 4994.480+/-0.602 χ^2/NDF: 2343385.4/47

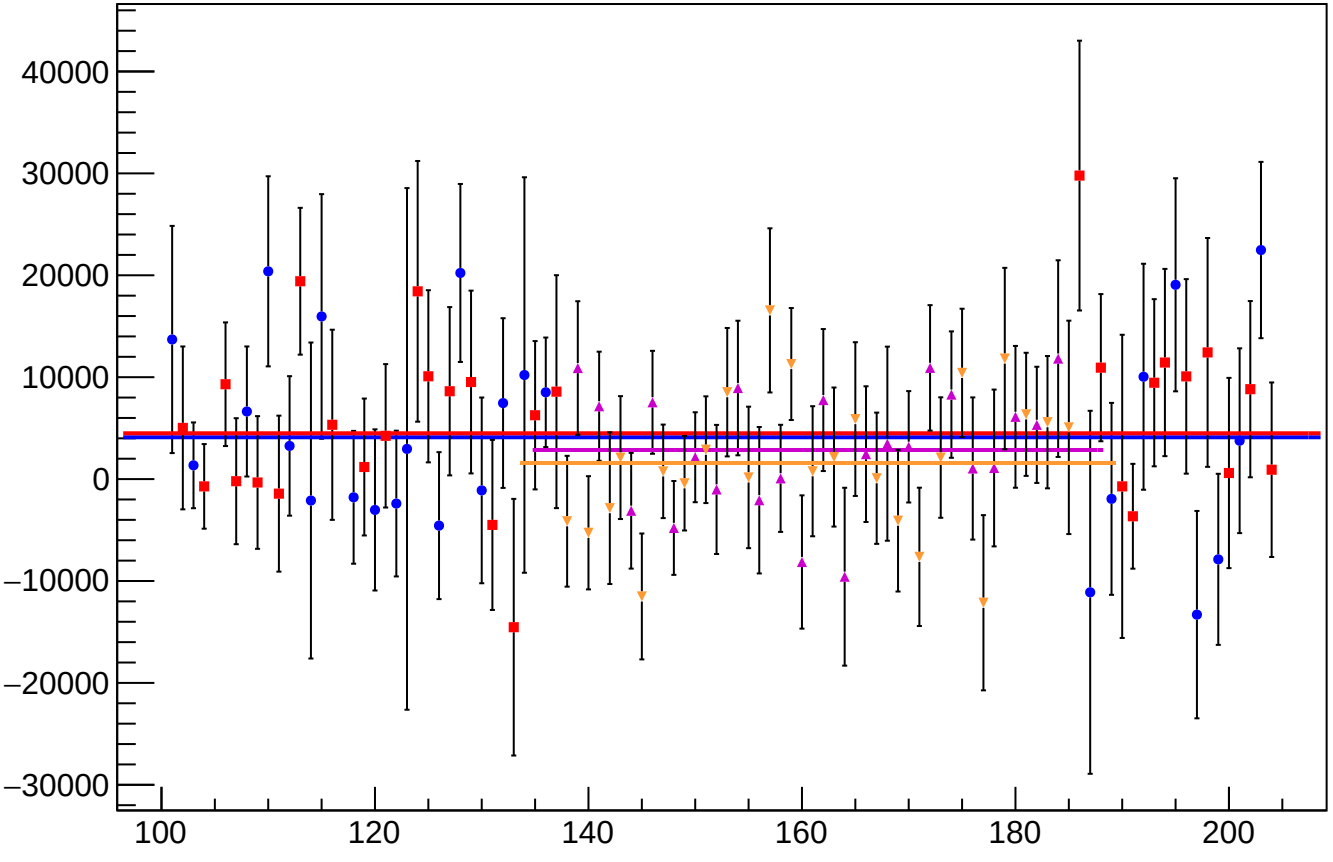
Right: 7.873+/-0.011 χ^2/NDF: 24268117.2/18

In: 5270.353+/-0.805 χ^2/NDF:2383759.1/30

Out: 8.523+/-0.011 χ^2/NDF:50260276.3/35

All: 9.453+/-0.011 χ^2/NDF: 95313052.3/66

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4103.784+/-1642.169 χ^2/NDF: 27.1/24

Left Out: 1580.515+/-1266.098 χ^2/NDF:25.2/24

Right Out: 4496.467+/-1433.634 χ^2/NDF: 23.8/28

Left In: 2856.480+/-1284.131 χ^2/NDF:18.1/22

Left: 2209.475+/-901.574 χ^2/NDF: 43.8/47

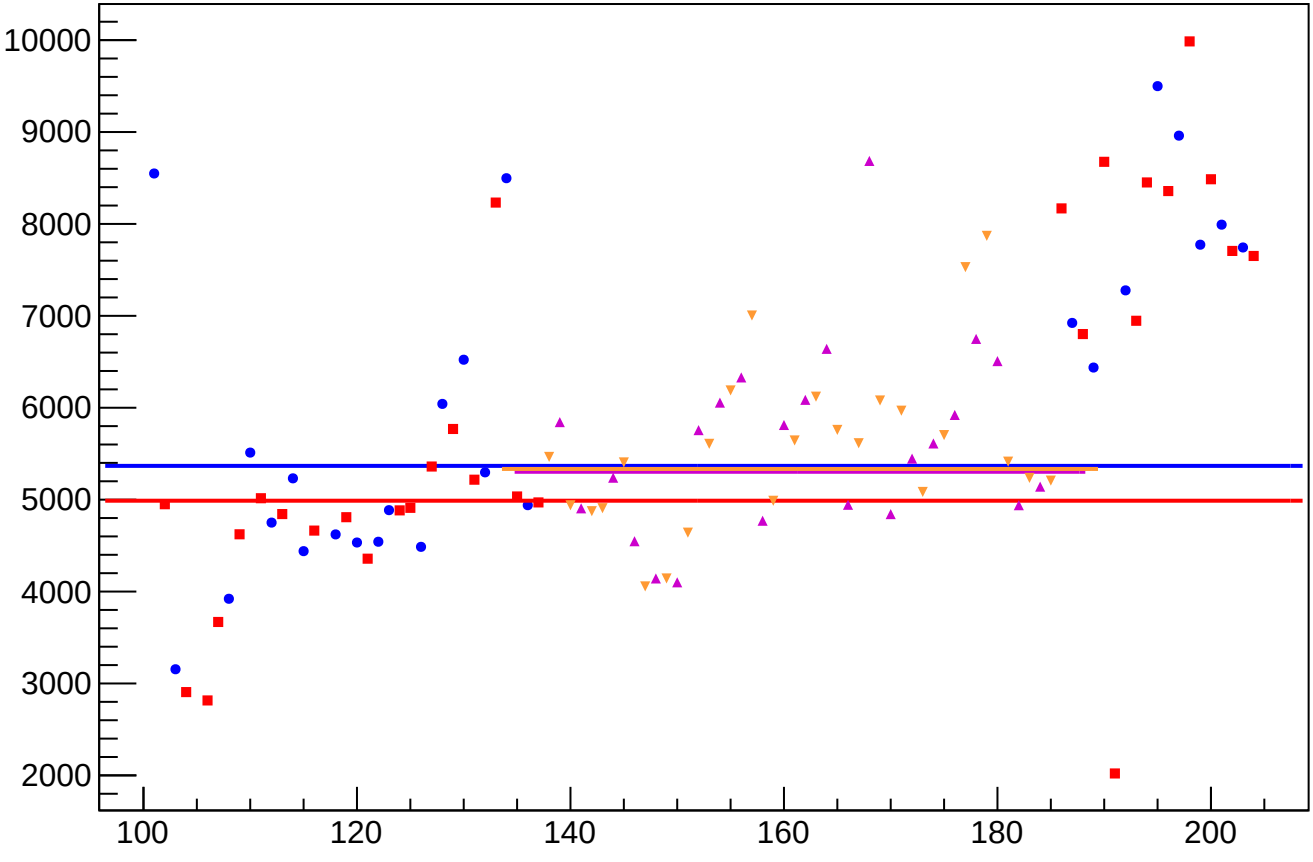
Right: 4326.627+/-1079.982 χ^2/NDF: 50.8/53

In: 3329.773+/-1011.572 χ^2/NDF:45.5/47

Out: 2858.231+/-948.998 χ^2/NDF:51.2/53

All: 3078.968+/-692.107 χ^2/NDF: 96.9/101

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 5367.532+/-1.161 χ^2/NDF: 2206834.8/24

Left Out: 5334.221+/-0.895 χ^2/NDF:865414.3/24

Right Out: 4988.518+/-1.010 χ^2/NDF: 3814406.0/28

Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

Left: 5318.989+/-0.638 χ^2/NDF: 1826357.5/47

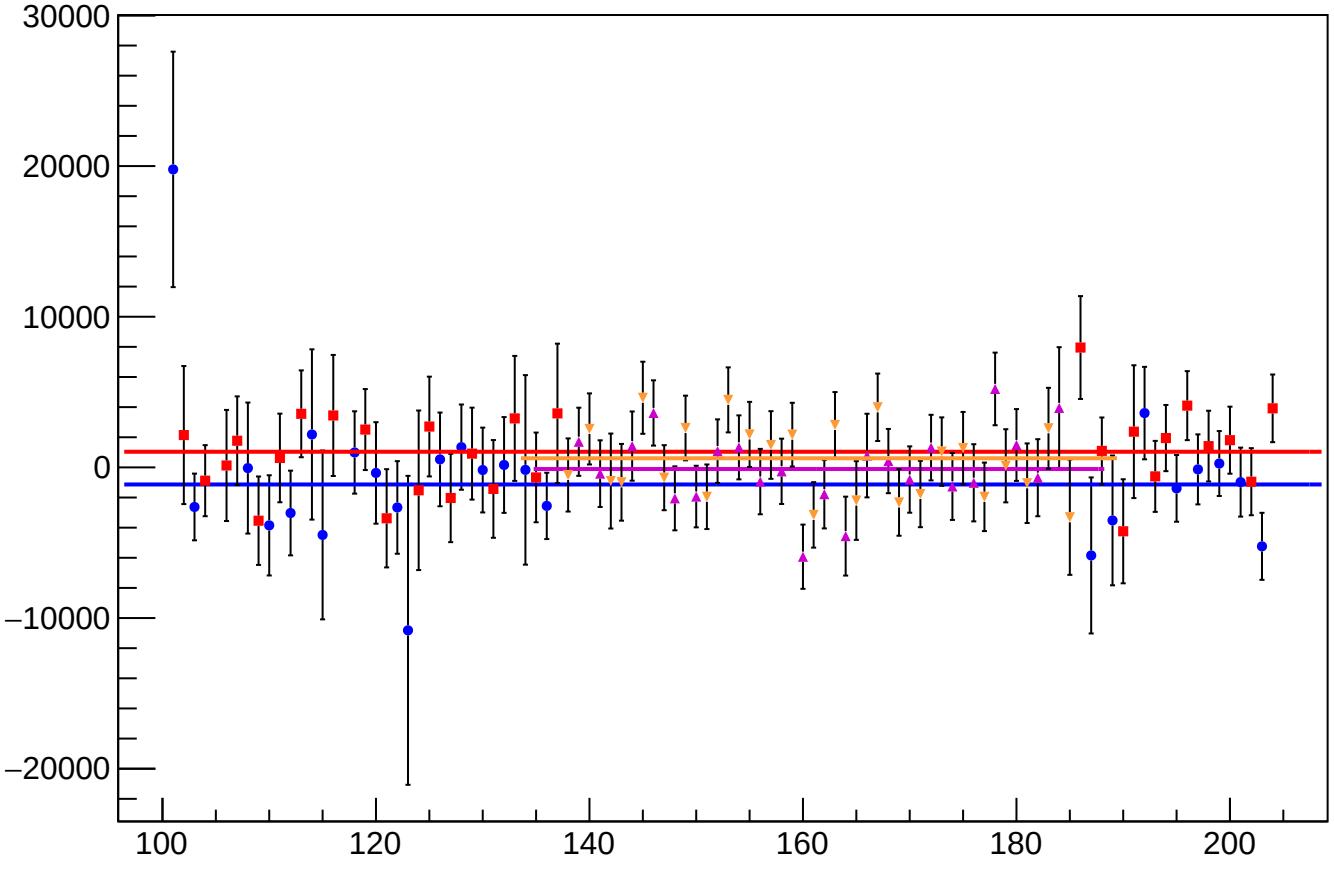
Right: 5151.701+/-0.762 χ^2/NDF: 6081909.3/53

In: 5327.686+/-0.715 χ^2/NDF:3169088.3/47

Out: 5182.058+/-0.670 χ^2/NDF:4745451.2/53

All: 5250.101+/-0.489 χ^2/NDF: 7936622.4/10

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1134.014+/-600.775 χ^2/NDF: 20.6/24

Left Out: 605.796+/-469.397 χ^2/NDF:25.2/24

Right Out: 1038.076+/-533.592 χ^2/NDF: 21.2/28

Left In: -108.365+/-477.899 χ^2/NDF:25.0/22

Left: 255.125+/-334.879 χ^2/NDF: 51.4/47

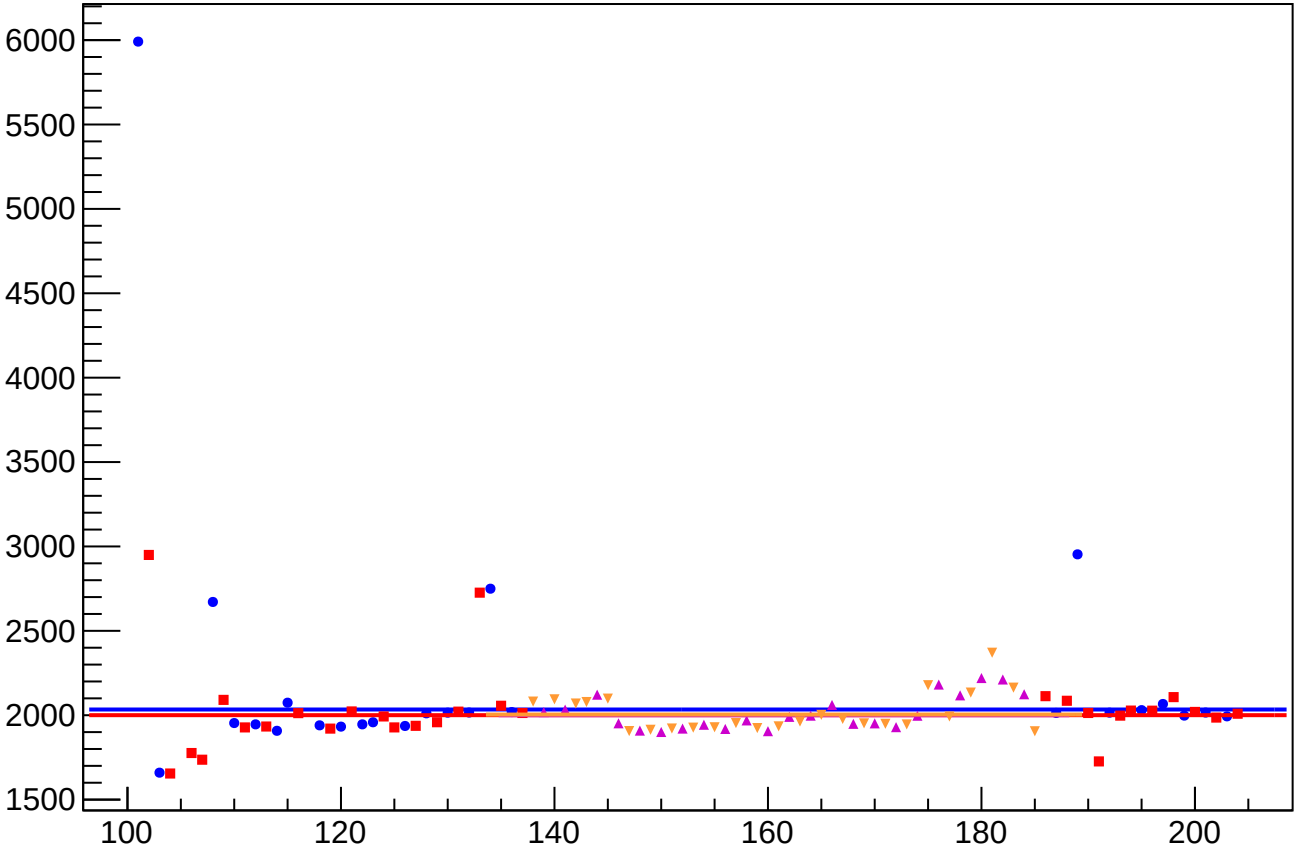
Right: 80.223+/-398.954 χ^2/NDF: 49.1/53

In: -505.850+/-374.001 χ^2/NDF:47.4/47

Out: 794.382+/-352.437 χ^2/NDF:46.8/53

All: 182.830+/-256.495 χ^2/NDF: 100.6/101

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2033.936+/-0.425 χ^2/NDF: 744330.9/24

Left Out: 2003.987+/-0.332 χ^2/NDF:99981.7/24

Right Out: 2000.286+/-0.377 χ^2/NDF: 240995.9/28

Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

Left: 2002.088+/-0.237 χ^2/NDF: 179737.2/47

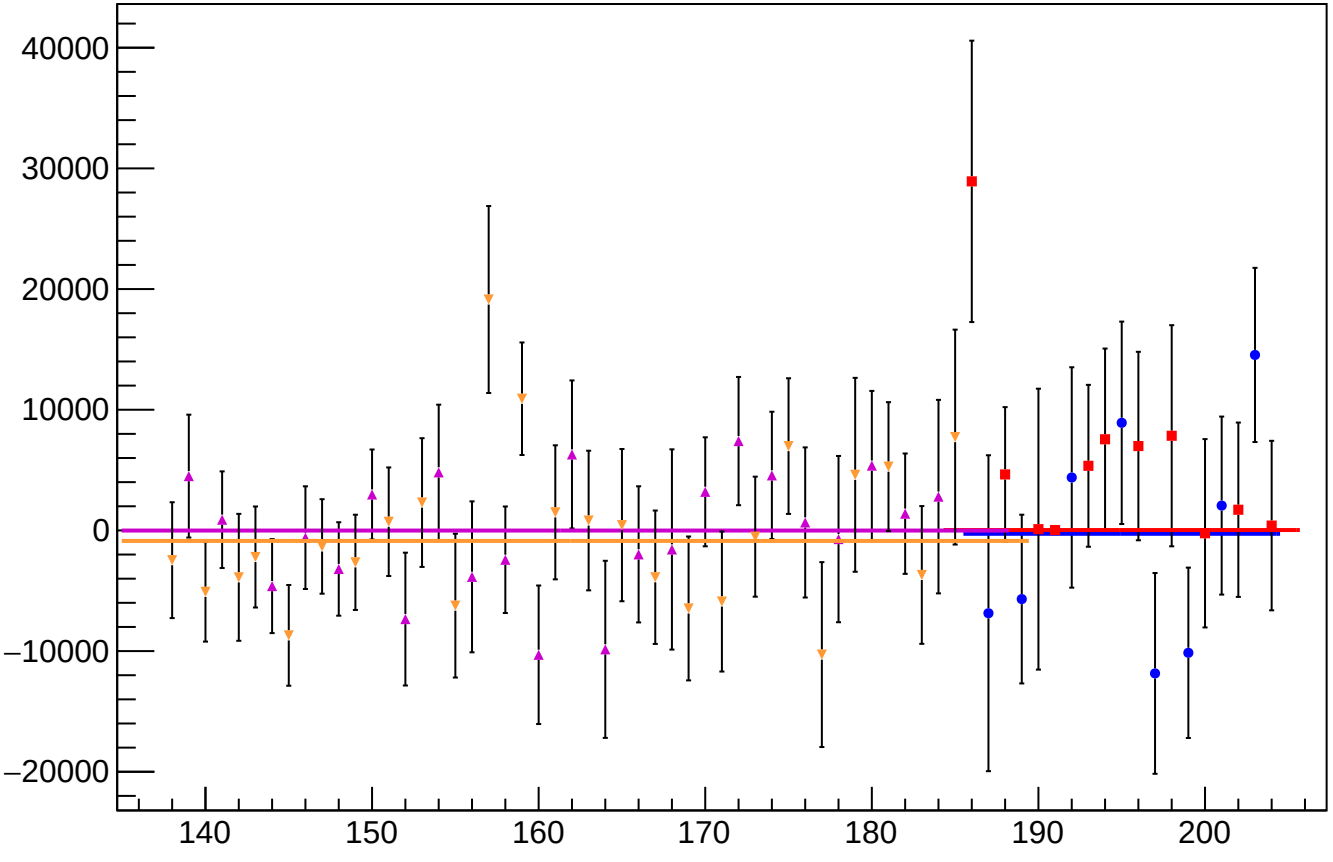
Right: 2015.116+/-0.282 χ^2/NDF: 988835.9/53

In: 2013.225+/-0.264 χ^2/NDF:827900.7/47

Out: 2002.372+/-0.249 χ^2/NDF:341031.9/53

All: 2007.475+/-0.181 χ^2/NDF: 1169824.8/10

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -279.676+/-2833.019 χ^2/NDF: 10.5/7

Left Out: -871.296+/-1043.390 χ^2/NDF:28.3/24

Right Out: 31.228+/-14.261 χ^2/NDF: 10.0/10

Left In: -10.945+/-1070.258 χ^2/NDF:17.2/22

Left: -452.055+/-747.106 χ^2/NDF: 45.8/47

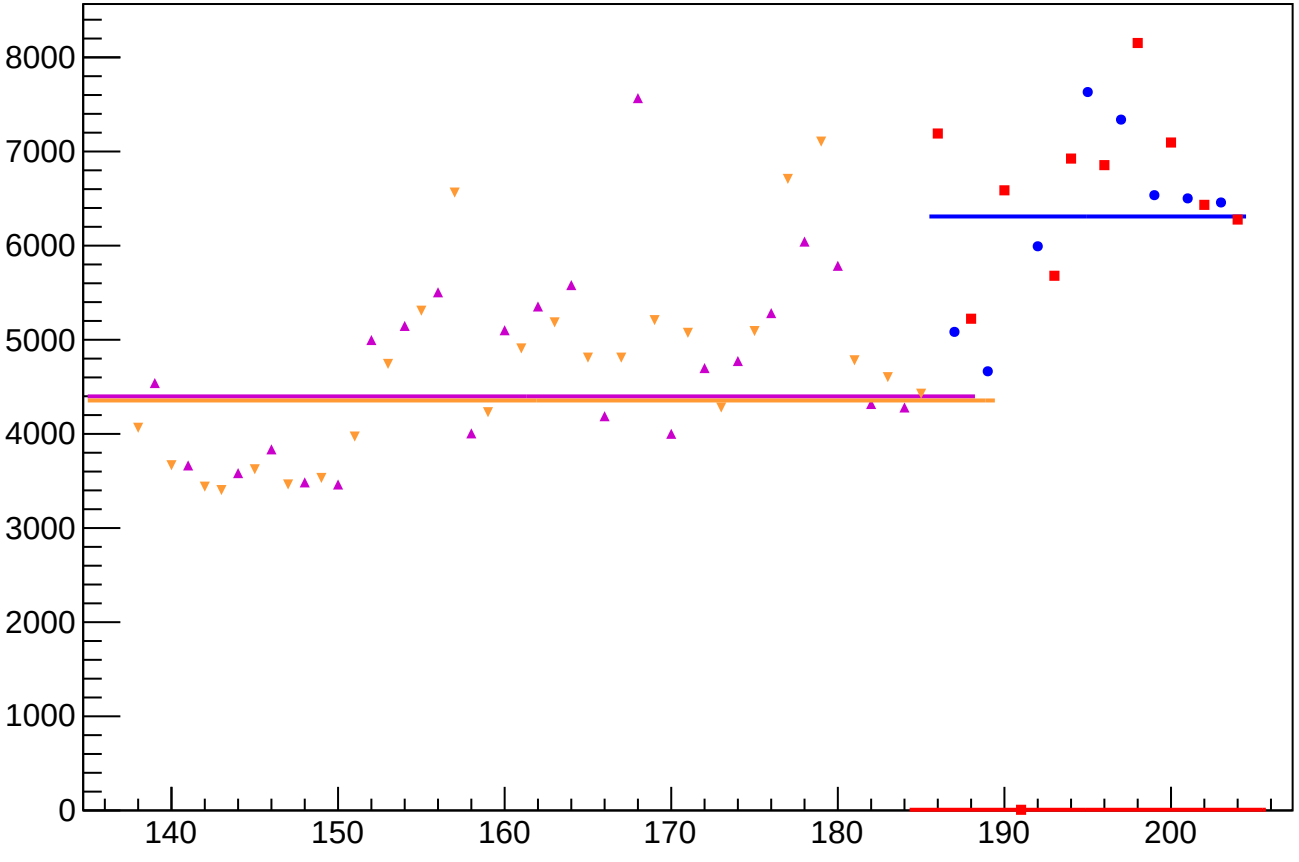
Right: 31.220+/-14.260 χ^2/NDF: 20.6/18

In: -44.508+/-1001.196 χ^2/NDF:27.7/30

Out: 31.059+/-14.259 χ^2/NDF:39.1/35

All: 31.044+/-14.258 χ^2/NDF: 66.8/66

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 6309.756+/-2.003 χ^2/NDF: 215146.3/7

Left Out: 4355.202+/-0.738 χ^2/NDF:1350492.3/24

Right Out: 7.292+/-0.010 χ^2/NDF: 14216740.6/10

Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

Left: 4376.262+/-0.528 χ^2/NDF: 2630948.5/47

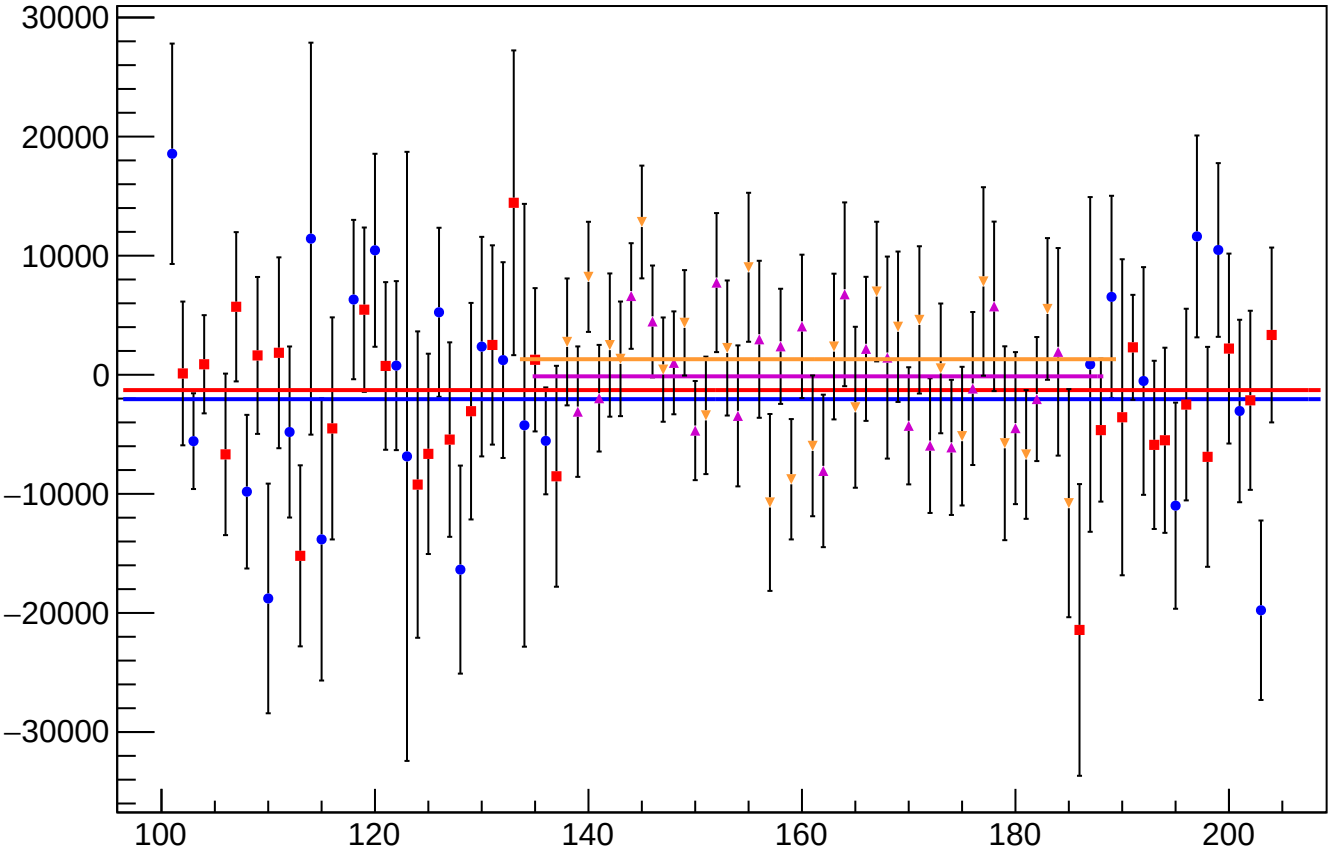
Right: 7.451+/-0.010 χ^2/NDF: 24329735.6/18

In: 4637.134+/-0.708 χ^2/NDF:2290577.1/30

Out: 8.104+/-0.010 χ^2/NDF:50290190.6/35

All: 9.042+/-0.010 χ^2/NDF: 95325616.7/66

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2048.911+/-1542.705 χ^2/NDF: 34.1/24

Left Out: 1306.805+/-1131.617 χ^2/NDF:28.1/24

Right Out: -1286.790+/-1340.731 χ^2/NDF: 16.1/28

Left In: -131.428+/-1157.282 χ^2/NDF:14.9/22

Left: 603.813+/-809.096 χ^2/NDF: 43.8/47

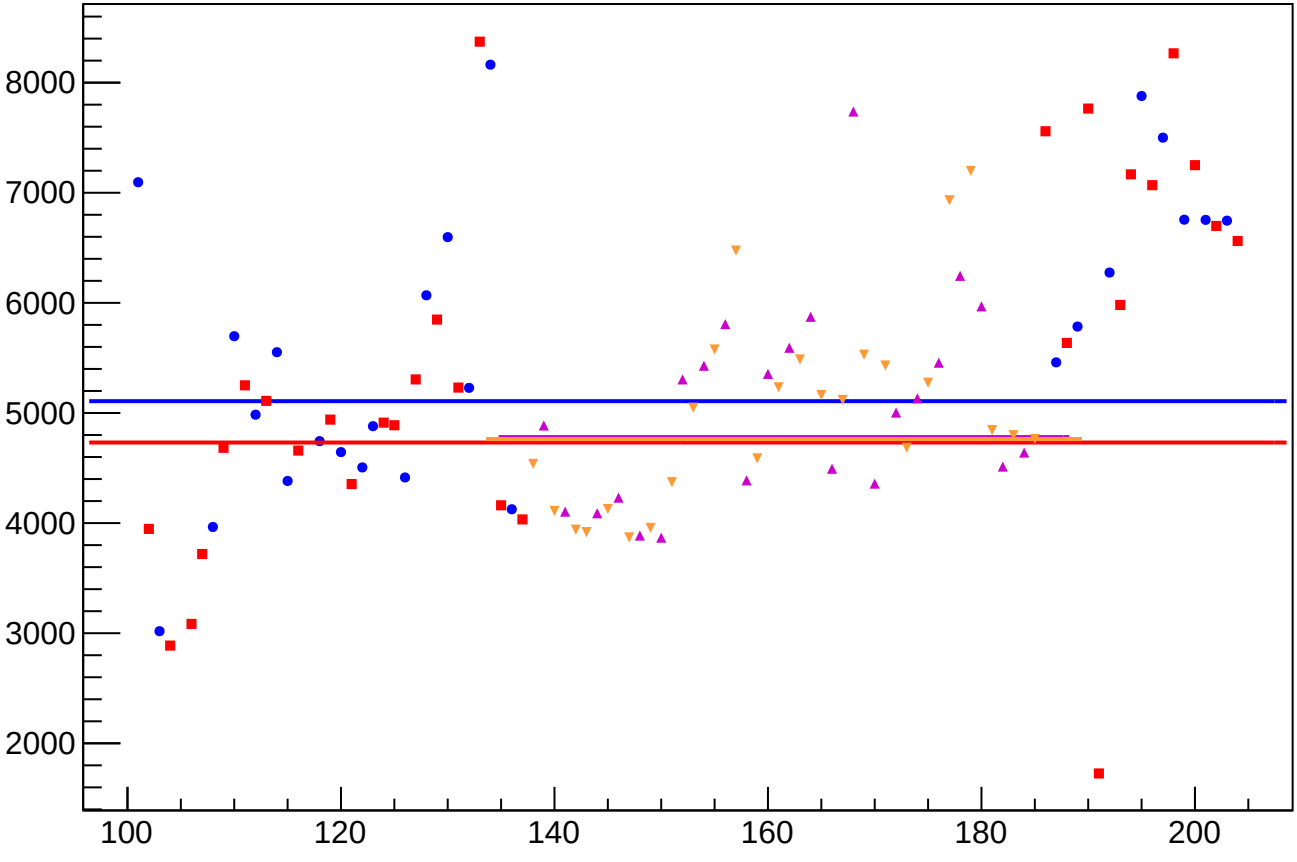
Right: -1614.727+/-1011.967 χ^2/NDF: 50.4/53

In: -821.915+/-925.753 χ^2/NDF:50.0/47

Out: 227.818+/-864.766 χ^2/NDF:46.4/53

All: -261.336+/-631.943 χ^2/NDF: 97.1/101

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5107.236+/-1.091 χ^2/NDF: 1682280.3/24

Left Out: 4763.190+/-0.800 χ^2/NDF:941856.9/24

Right Out: 4731.780+/-0.945 χ^2/NDF: 3253750.9/28

Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

Left: 4771.979+/-0.572 χ^2/NDF: 1893645.9/47

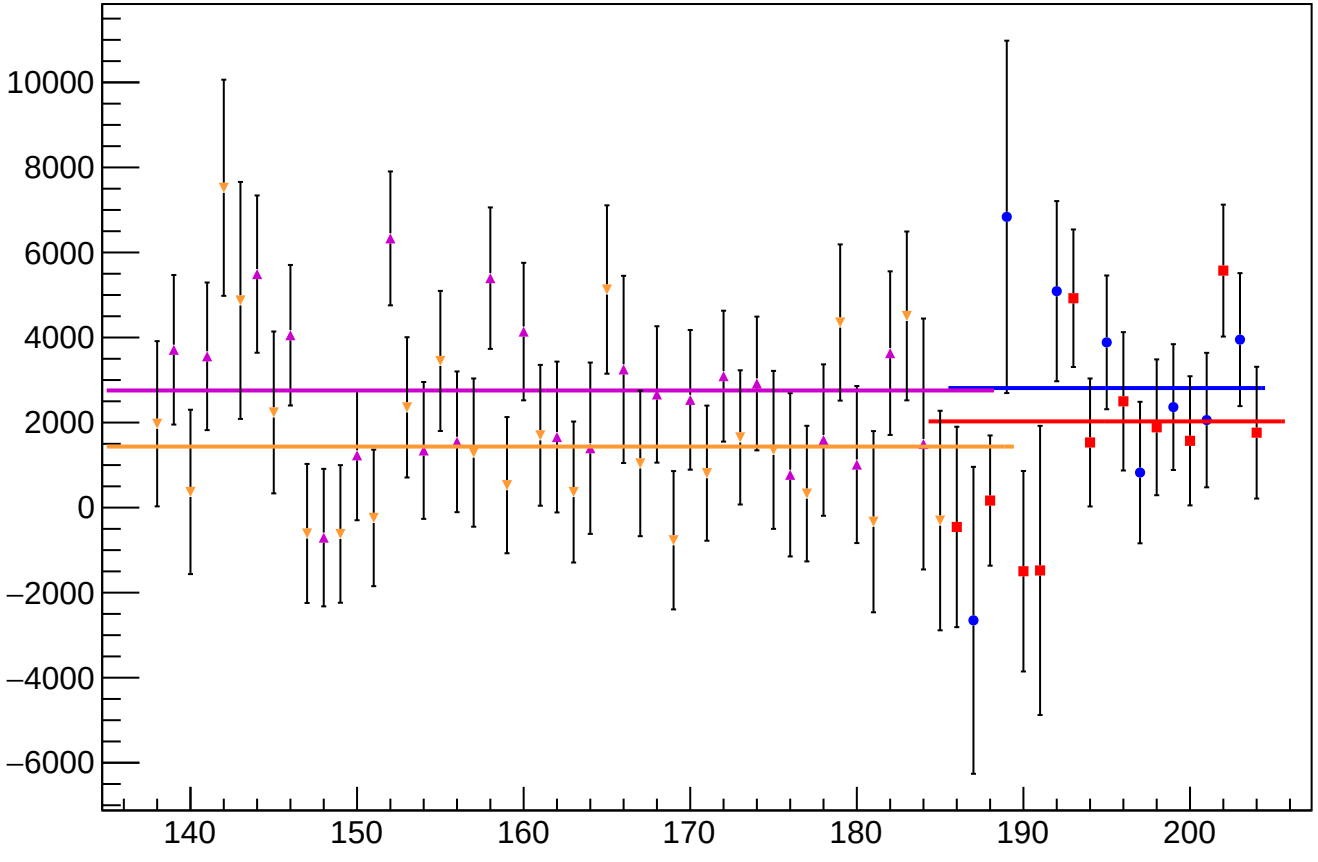
Right: 4892.692+/-0.714 χ^2/NDF: 5003723.4/53

In: 4898.588+/-0.655 χ^2/NDF:2690994.2/47

Out: 4750.069+/-0.611 χ^2/NDF:4196251.5/53

All: 4819.168+/-0.447 χ^2/NDF: 6914772.2/10

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2811.403+/-646.974 χ^2/NDF: 7.1/7

Left Out: 1435.504+/-358.178 χ^2/NDF:26.7/24

Right Out: 2027.367+/-517.606 χ^2/NDF: 14.6/10

Left In: 2754.889+/-361.672 χ^2/NDF:22.4/22

Left: 2088.793+/-254.496 χ^2/NDF: 55.8/47

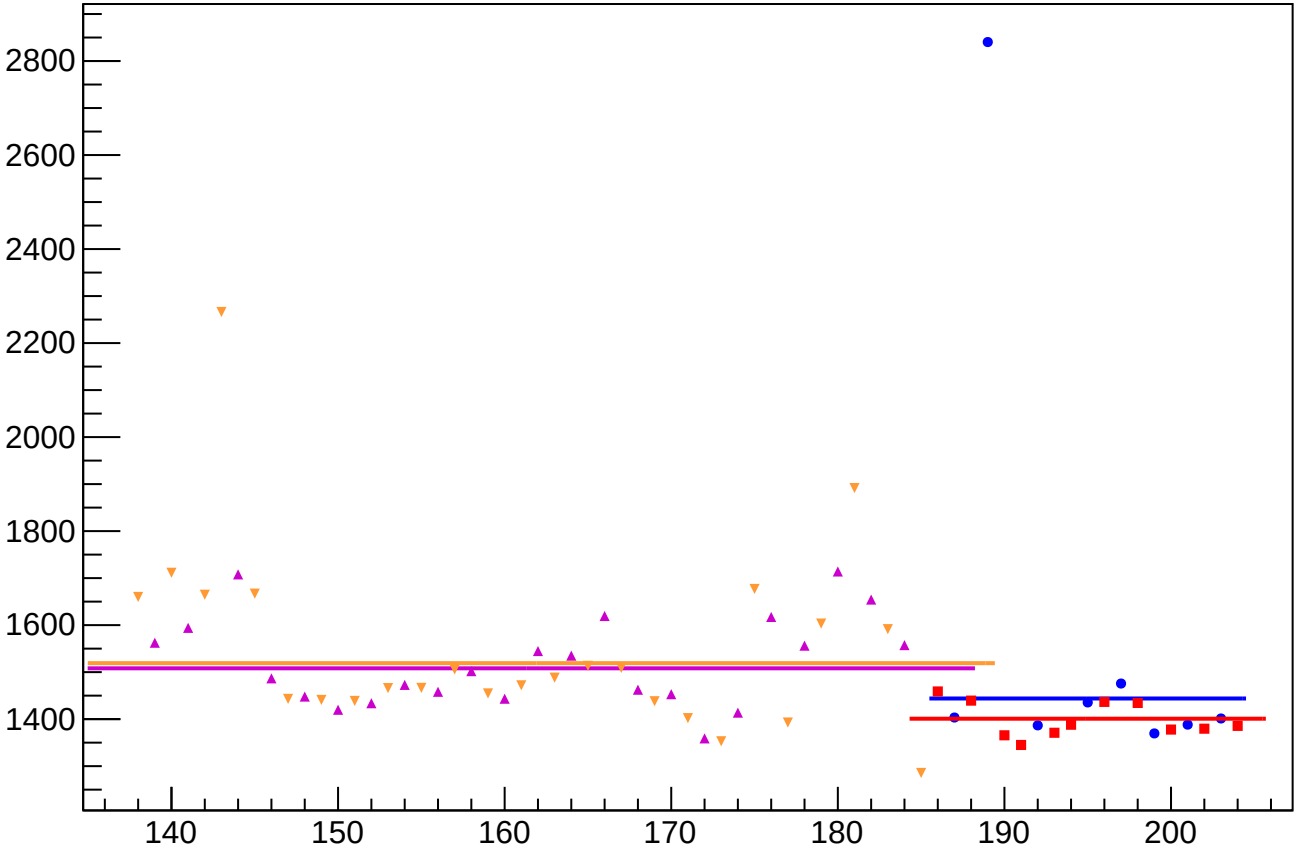
Right: 2333.352+/-404.174 χ^2/NDF: 22.7/18

In: 2768.345+/-315.692 χ^2/NDF:29.5/30

Out: 1627.148+/-294.535 χ^2/NDF:42.3/35

All: 2158.227+/-215.359 χ^2/NDF: 78.7/66

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1443.926+/-0.457 χ^2/NDF: 238675.6/7

Left Out: 1519.092+/-0.253 χ^2/NDF:365839.2/24

Right Out: 1400.940+/-0.366 χ^2/NDF: 7165.5/10

Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

Left: 1513.655+/-0.180 χ^2/NDF: 498258.6/47

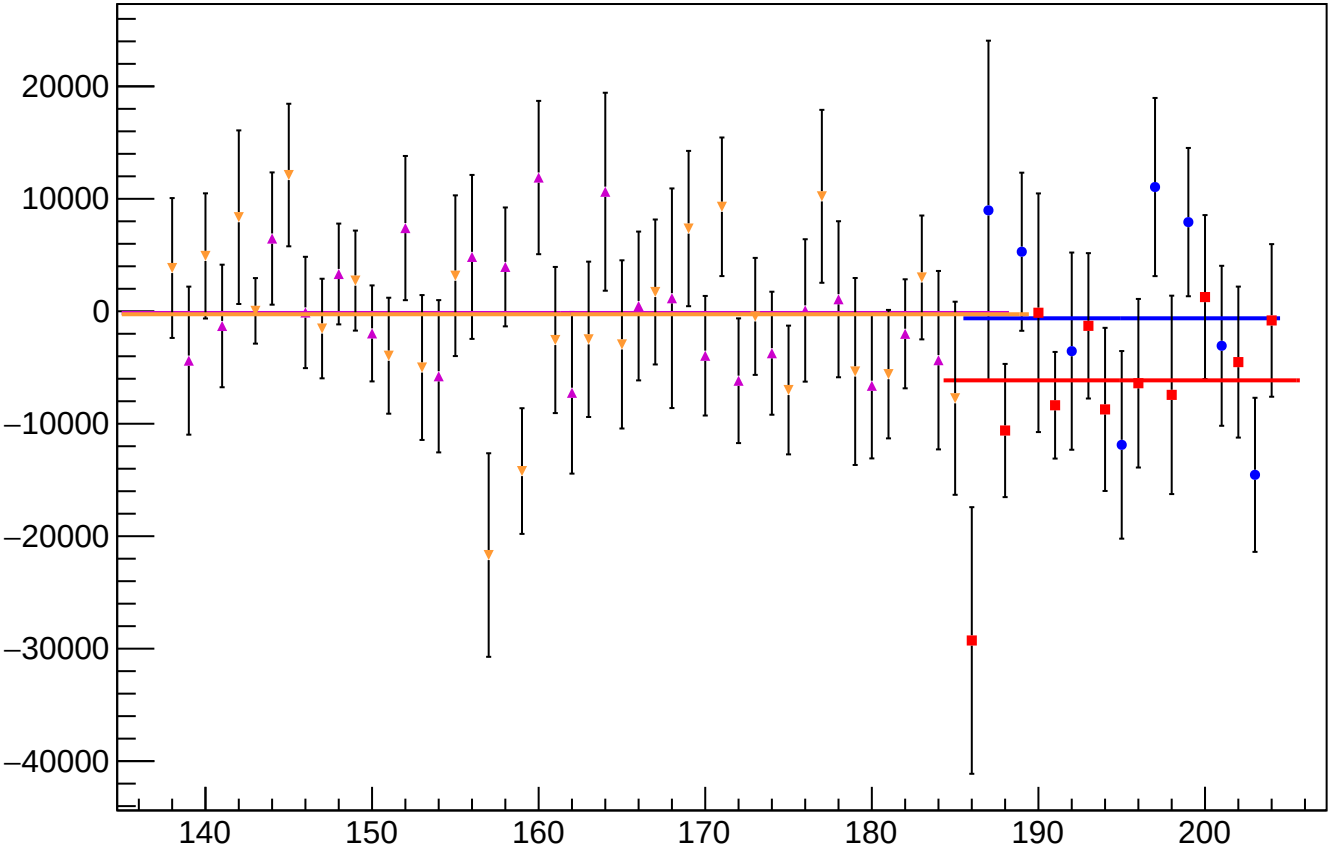
Right: 1417.716+/-0.286 χ^2/NDF: 251224.2/18

In: 1492.829+/-0.223 χ^2/NDF:385162.2/30

Out: 1480.835+/-0.208 χ^2/NDF:443472.0/35

All: 1486.417+/-0.152 χ^2/NDF: 830177.7/66

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -623.640+/-2752.190 χ^2/NDF: 11.1/7

Left Out: -264.324+/-1151.119 χ^2/NDF:29.7/24

Right Out: -6142.122+/-2106.624 χ^2/NDF: 7.3/10

Left In: -151.239+/-1241.800 χ^2/NDF:14.9/22

Left: -212.060+/-844.204 χ^2/NDF: 44.6/47

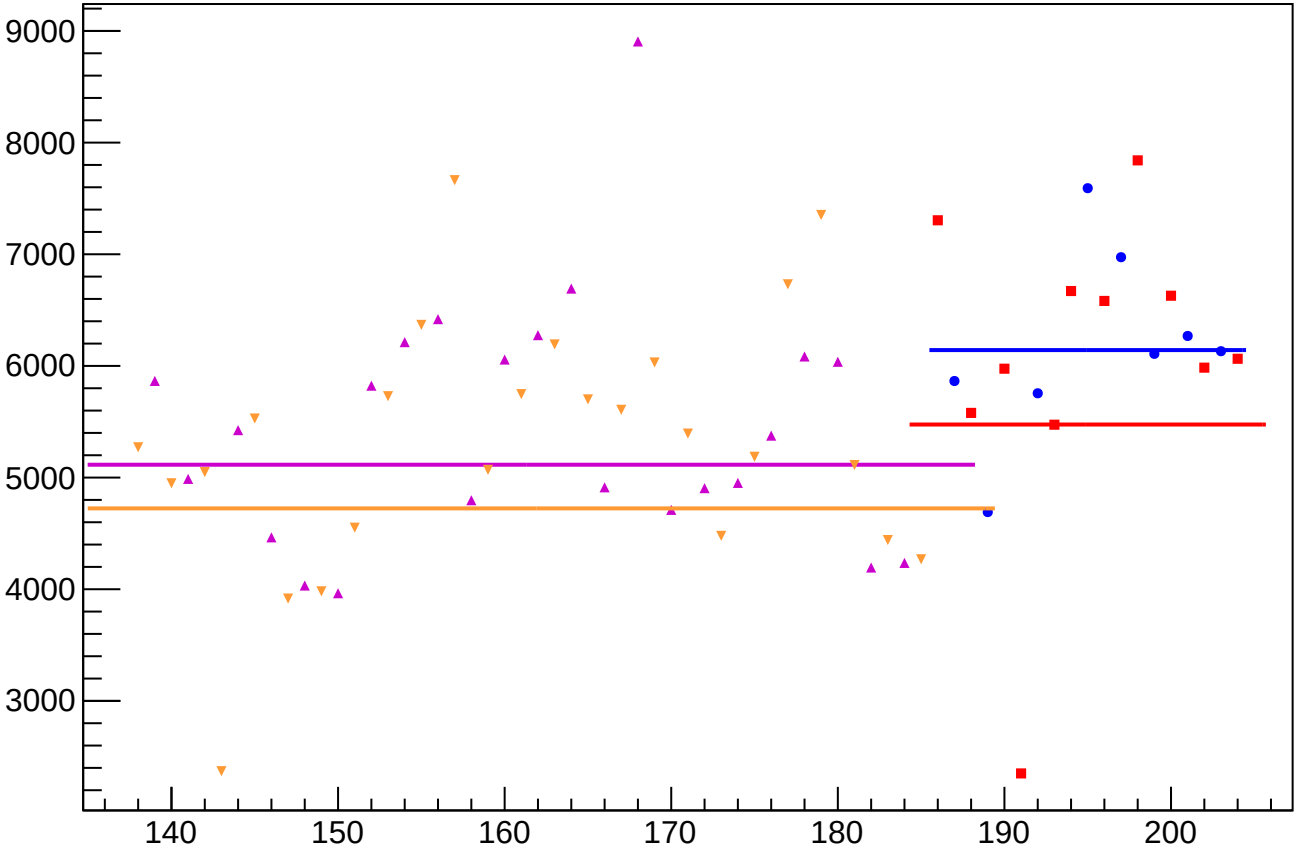
Right: -4103.374+/-1672.824 χ^2/NDF: 21.0/18

In: -231.145+/-1131.913 χ^2/NDF:26.0/30

Out: -1615.808+/-1010.149 χ^2/NDF:43.0/35

All: -1001.933+/-753.669 χ^2/NDF: 69.9/66

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 6141.863+/-1.946 χ^2/NDF: 172917.2/7

Left Out: 4724.027+/-0.814 χ^2/NDF:2537532.1/24

Right Out: 5475.160+/-1.490 χ^2/NDF: 1239953.9/10

Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

Left: 4904.783+/-0.597 χ^2/NDF: 3775584.1/47

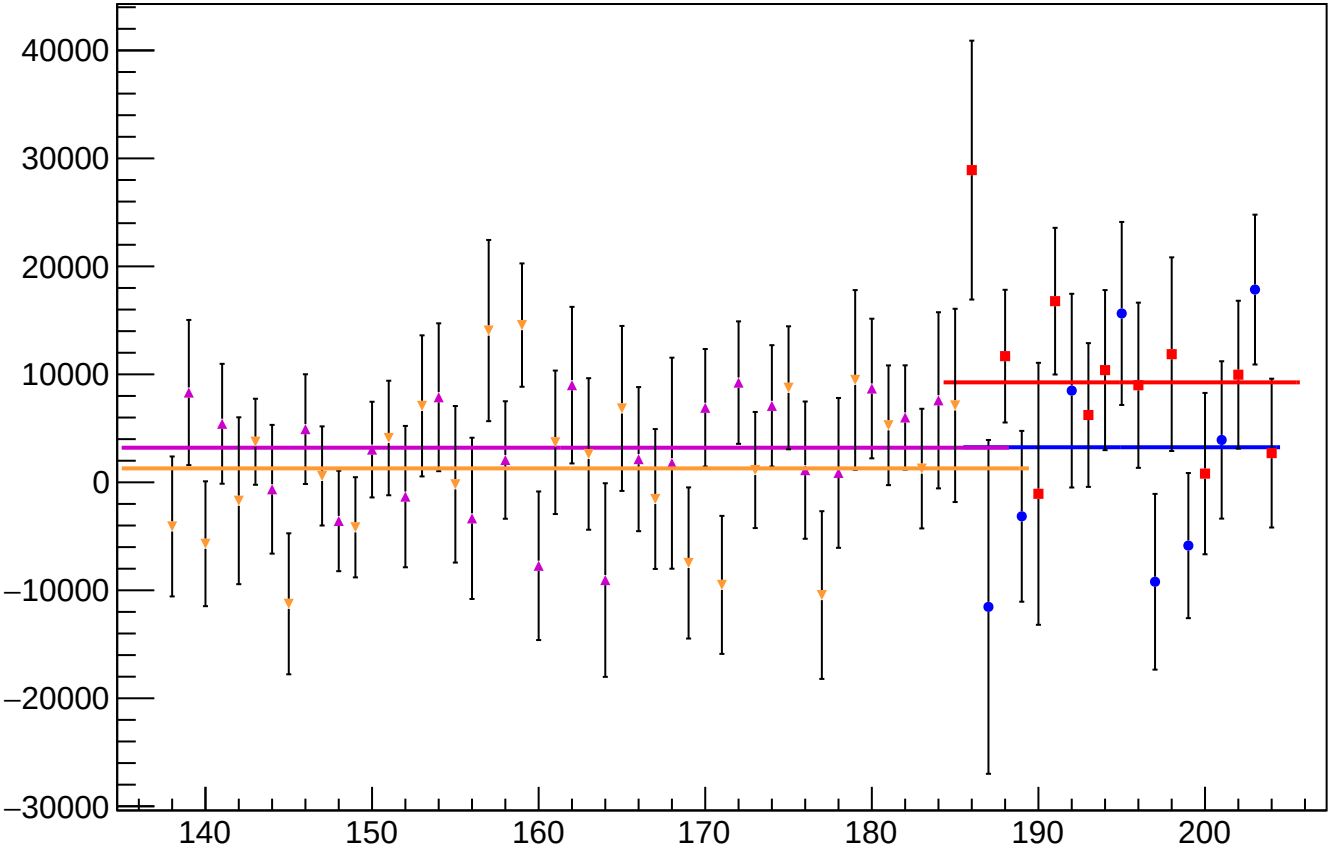
Right: 5721.467+/-1.183 χ^2/NDF: 1486876.6/18

In: 5288.809+/-0.800 χ^2/NDF:1535525.8/30

Out: 4896.735+/-0.714 χ^2/NDF:3973289.2/35

All: 5070.556+/-0.533 χ^2/NDF: 5642391.3/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3248.142+/-2847.015 χ^2/NDF: 12.7/7

Left Out: 1292.246+/-1215.761 χ^2/NDF:27.8/24

Right Out: 9257.636+/-2279.174 χ^2/NDF: 7.3/10

Left In: 3205.363+/-1265.586 χ^2/NDF:13.9/22

Left: 2210.405+/-876.758 χ^2/NDF: 42.9/47

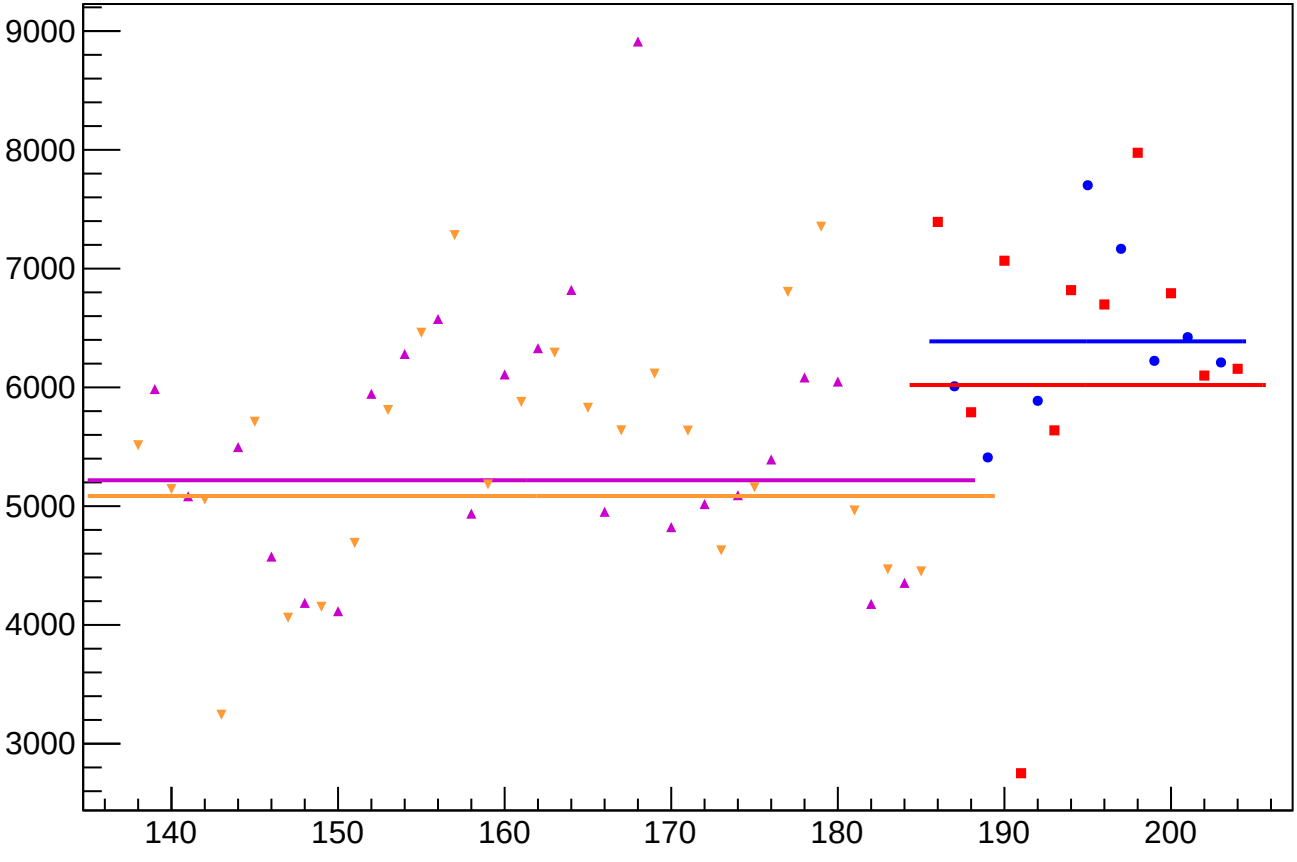
Right: 6910.507+/-1779.259 χ^2/NDF: 22.7/18

In: 3212.422+/-1156.470 χ^2/NDF:26.5/30

Out: 3056.664+/-1072.691 χ^2/NDF:44.6/35

All: 3128.697+/-786.459 χ^2/NDF: 71.2/66

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 6387.504+/-2.013 χ^2/NDF: 106965.2/7

Left Out: 5085.307+/-0.860 χ^2/NDF:1356698.4/24

Right Out: 6019.971+/-1.612 χ^2/NDF: 669992.8/10

Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

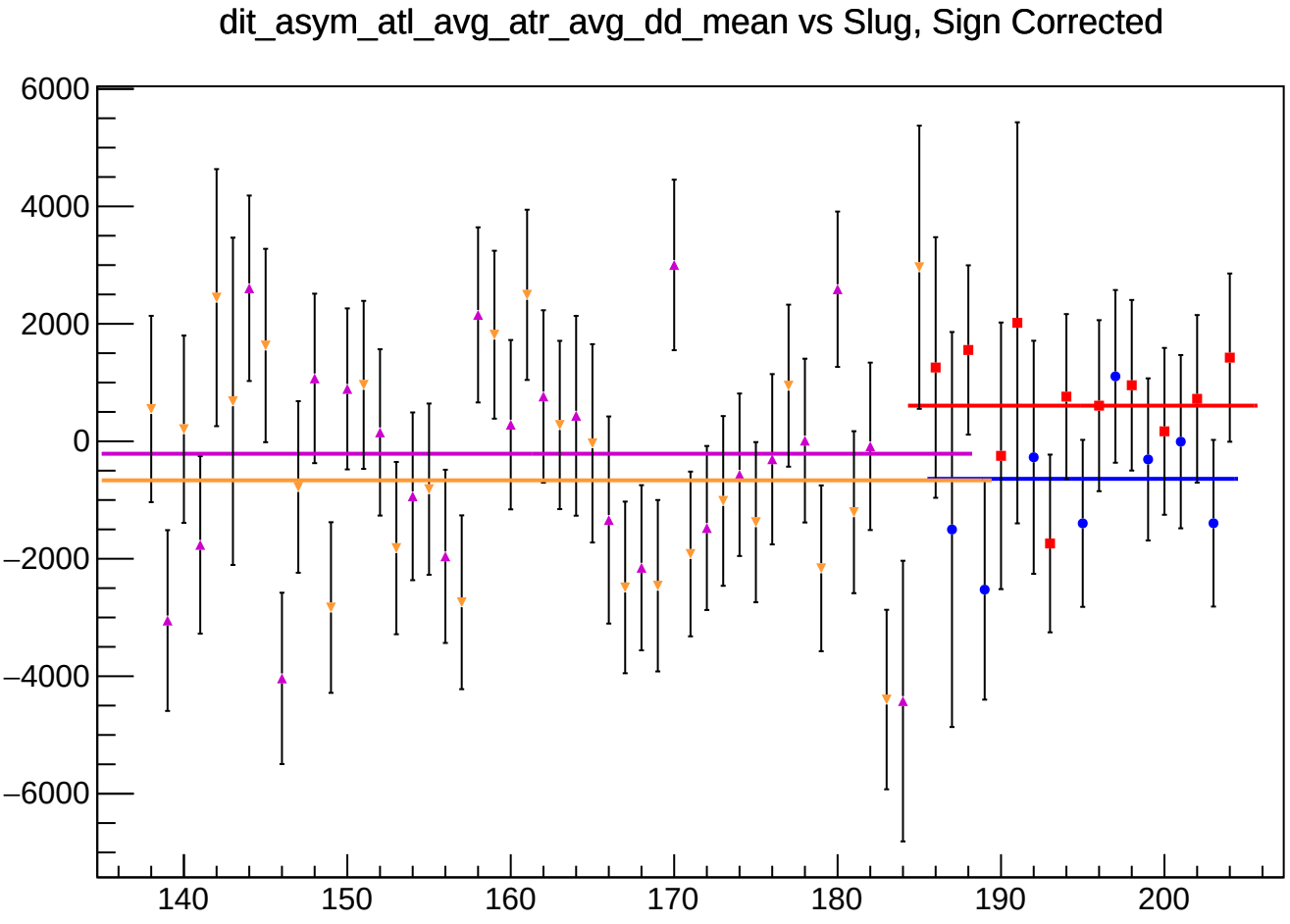
Left: 5148.976+/-0.620 χ^2/NDF: 2427123.8/47

Right: 6163.519+/-1.258 χ^2/NDF: 797270.6/18

In: 5410.947+/-0.818 χ^2/NDF:1447774.2/30

Out: 5292.345+/-0.759 χ^2/NDF:2288533.9/35

All: 5347.195+/-0.556 χ^2/NDF: 3747615.0/66



Right In: -639.249+/-571.100 χ^2/NDF: 3.3/7

Left Out: -664.362+/-305.119 χ^2/NDF:34.6/24

Right Out: 606.641+/-480.696 χ^2/NDF: 3.7/10

Left In: -212.071+/-308.597 χ^2/NDF:36.6/22

Left: -440.780+/-216.971 χ^2/NDF: 72.3/47

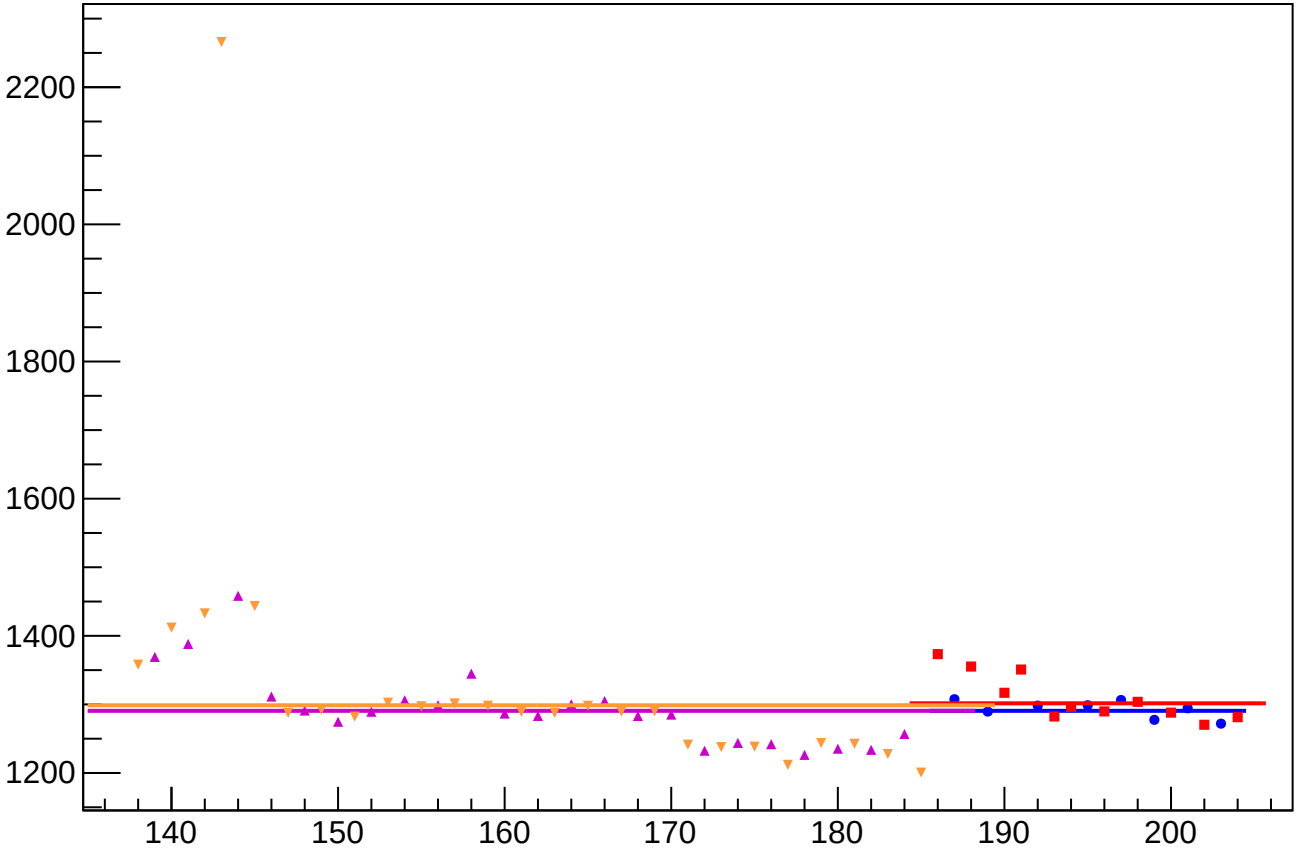
Right: 89.998+/-367.763 χ^2/NDF: 9.9/18

In: -308.612+/-271.496 χ^2/NDF:40.4/30

Out: -299.341+/-257.606 χ^2/NDF:43.3/35

All: -303.733+/-186.872 χ^2/NDF: 83.7/66

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1290.645+/-0.404 χ^2/NDF: 918.6/7

Left Out: 1298.743+/-0.216 χ^2/NDF:310344.8/24

Right Out: 1301.602+/-0.340 χ^2/NDF: 7390.1/10

Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

Left: 1294.740+/-0.153 χ^2/NDF: 370469.1/47

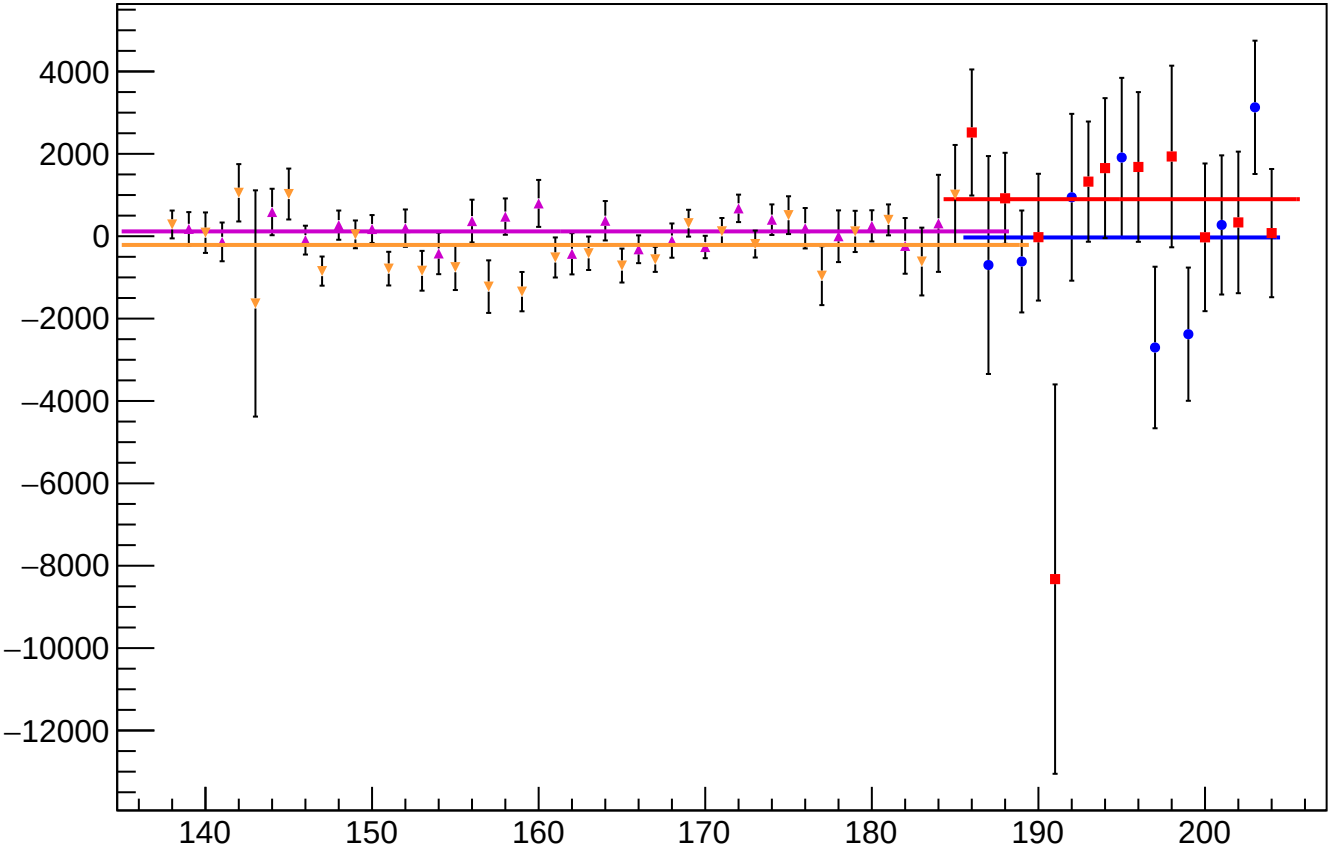
Right: 1297.059+/-0.260 χ^2/NDF: 8739.6/18

In: 1290.645+/-0.192 χ^2/NDF:60346.4/30

Out: 1299.564+/-0.182 χ^2/NDF:317785.3/35

All: 1295.338+/-0.132 χ^2/NDF: 379267.7/66

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -29.993+/-610.649 χ^2/NDF: 9.3/7

Left Out: -211.646+/-87.670 χ^2/NDF:41.7/24

Right Out: 899.119+/-493.863 χ^2/NDF: 6.6/10

Left In: 117.113+/-88.214 χ^2/NDF:14.3/22

Left: -48.284+/-62.183 χ^2/NDF: 63.0/47

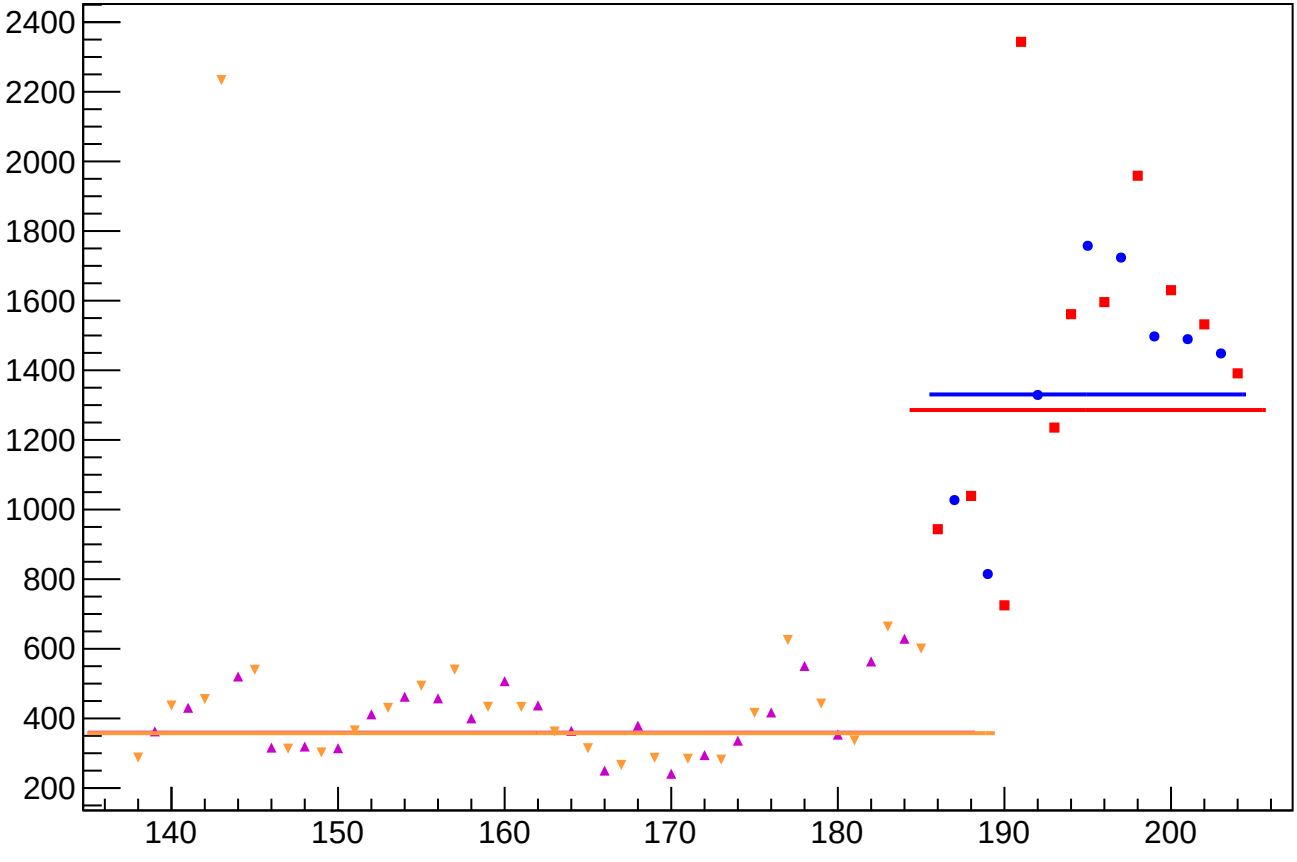
Right: 531.717+/-383.998 χ^2/NDF: 17.4/18

In: 114.106+/-87.308 χ^2/NDF:23.7/30

Out: -177.712+/-86.320 χ^2/NDF:53.2/35

All: -33.463+/-61.384 χ^2/NDF: 82.6/66

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1330.637+/-0.432 χ^2/NDF: 601349.2/7

Left Out: 357.749+/-0.062 χ^2/NDF:3042055.7/24

Right Out: 1285.902+/-0.349 χ^2/NDF: 989001.6/10

Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

Left: 358.371+/-0.044 χ^2/NDF: 4901108.0/47

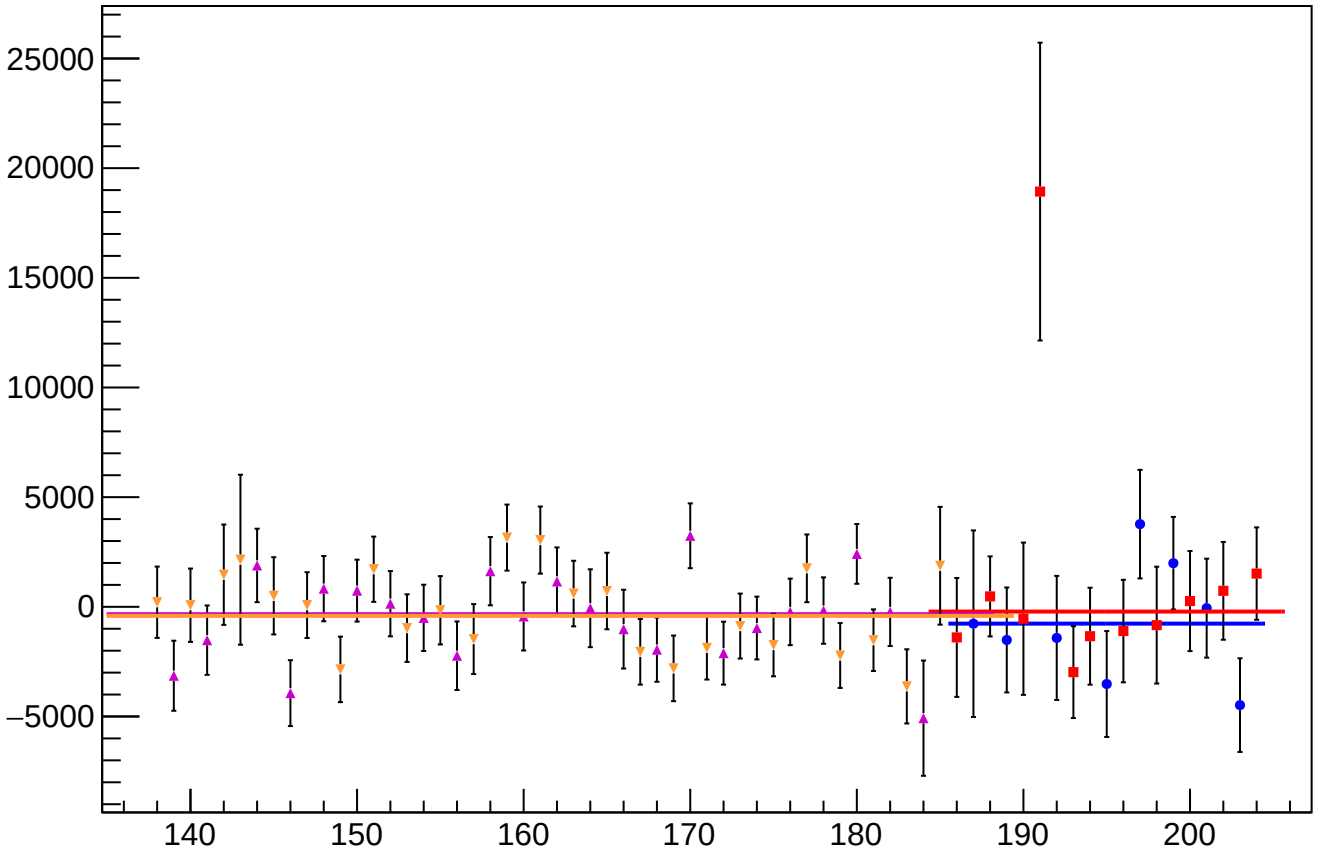
Right: 1303.592+/-0.272 χ^2/NDF: 1596840.0/18

In: 378.862+/-0.062 χ^2/NDF:7420229.3/30

Out: 386.104+/-0.061 χ^2/NDF:10879334.1/35

All: 382.525+/-0.043 χ^2/NDF: 18306521.9/66

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -766.370+/-867.202 χ^2/NDF: 9.6/7

Left Out: -413.407+/-320.677 χ^2/NDF:32.8/24

Right Out: -216.617+/-722.301 χ^2/NDF: 11.4/10

Left In: -337.193+/-323.023 χ^2/NDF:32.8/22

Left: -375.578+/-227.578 χ^2/NDF: 65.6/47

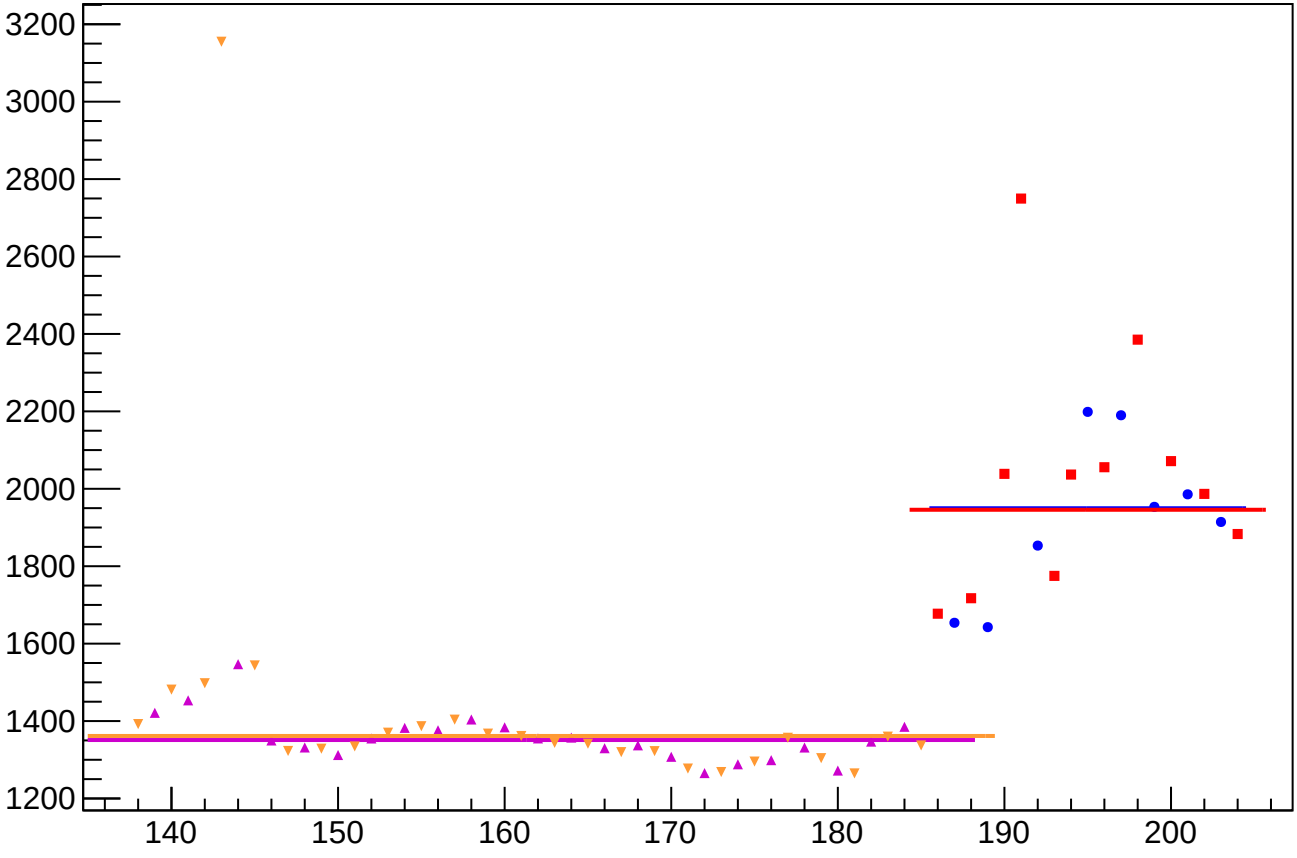
Right: -441.790+/-555.003 χ^2/NDF: 21.3/18

In: -389.485+/-302.705 χ^2/NDF:42.6/30

Out: -381.005+/-293.090 χ^2/NDF:44.3/35

All: -385.108+/-210.563 χ^2/NDF: 86.9/66

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1949.725+/-0.613 χ^2/NDF: 86124.3/7

Left Out: 1361.511+/-0.227 χ^2/NDF:507869.8/24

Right Out: 1945.818+/-0.511 χ^2/NDF: 164505.5/10

Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

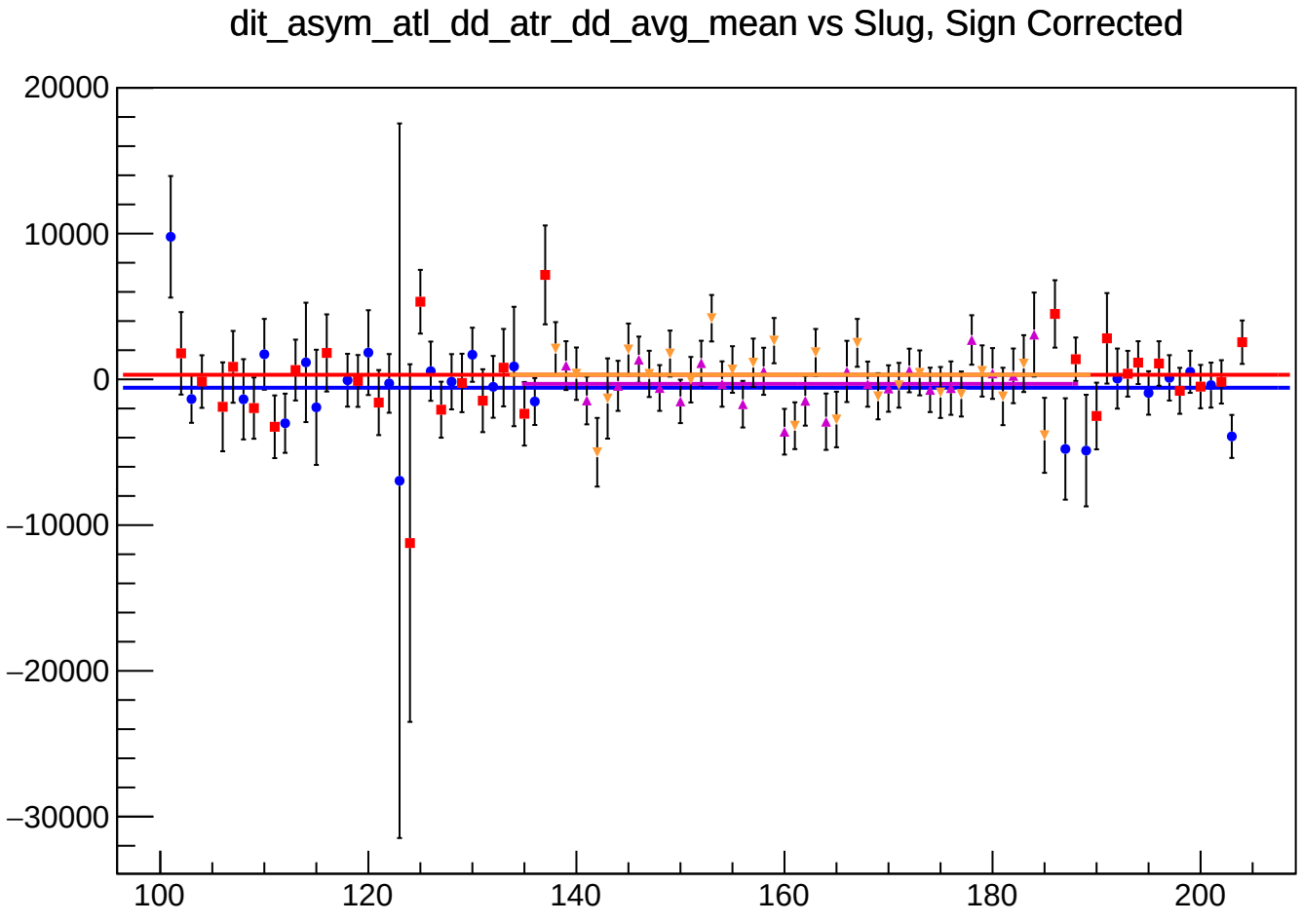
Left: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

Right: 1947.418+/-0.392 χ^2/NDF: 250653.8/18

In: 1423.961+/-0.214 χ^2/NDF:992242.6/30

Out: 1457.718+/-0.207 χ^2/NDF:1765687.9/35

All: 1441.384+/-0.149 χ^2/NDF: 2770767.8/66



Right In: -576.030+/-413.181 χ^2/NDF: 21.1/24

Left Out: 320.058+/-344.642 χ^2/NDF:32.4/24

Right Out: 312.544+/-367.414 χ^2/NDF: 29.7/28

Left In: -310.833+/-348.292 χ^2/NDF:16.8/22

Left: 7.936+/-244.979 χ^2/NDF: 50.9/47

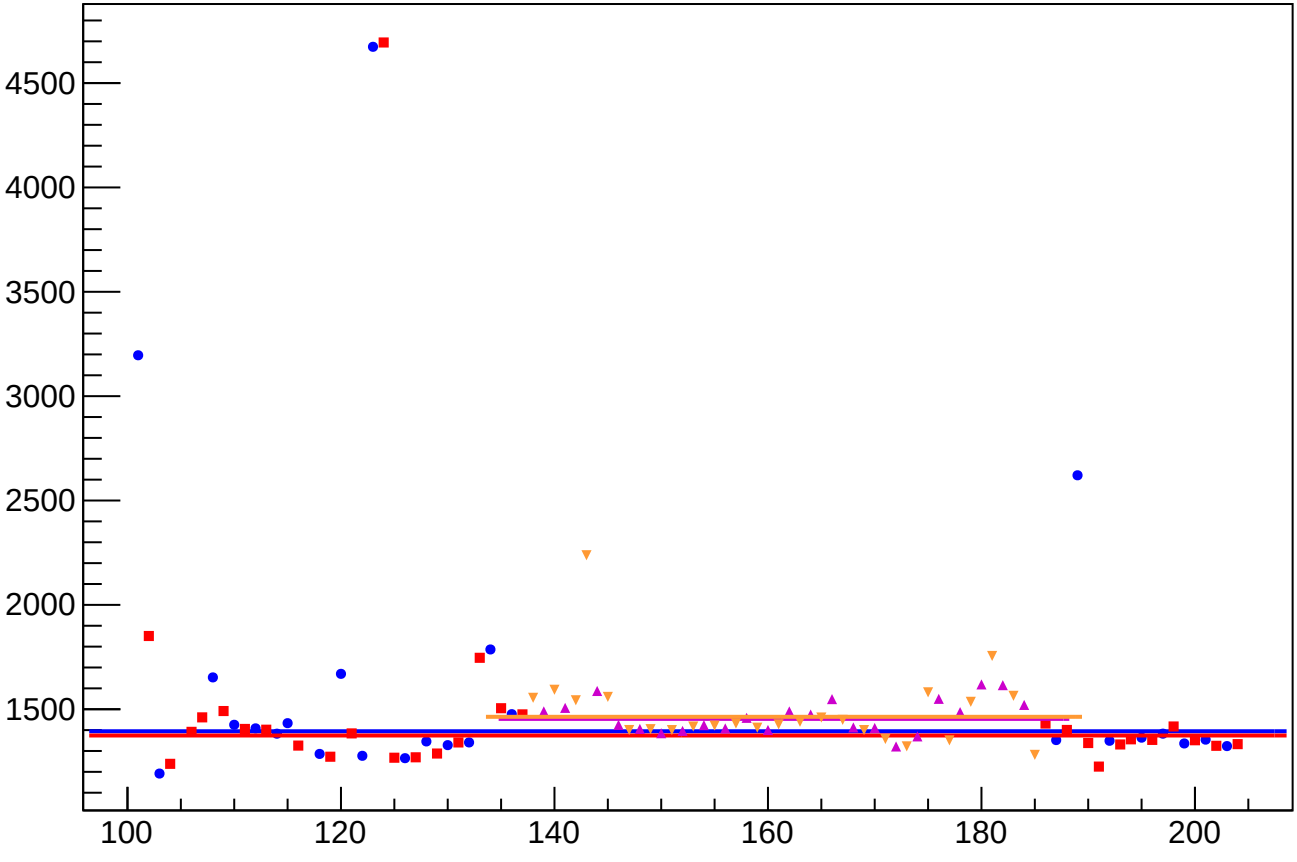
Right: -79.824+/-274.562 χ^2/NDF: 53.3/53

In: -420.995+/-266.301 χ^2/NDF:38.1/47

Out: 316.541+/-251.364 χ^2/NDF:62.2/53

All: -30.963+/-182.794 χ^2/NDF: 104.3/101

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1394.507+/-0.292 χ^2/NDF: 743508.7/24

Left Out: 1463.714+/-0.244 χ^2/NDF:310491.4/24

Right Out: 1374.180+/-0.260 χ^2/NDF: 309246.6/28

Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

Left: 1458.791+/-0.173 χ^2/NDF: 410540.5/47

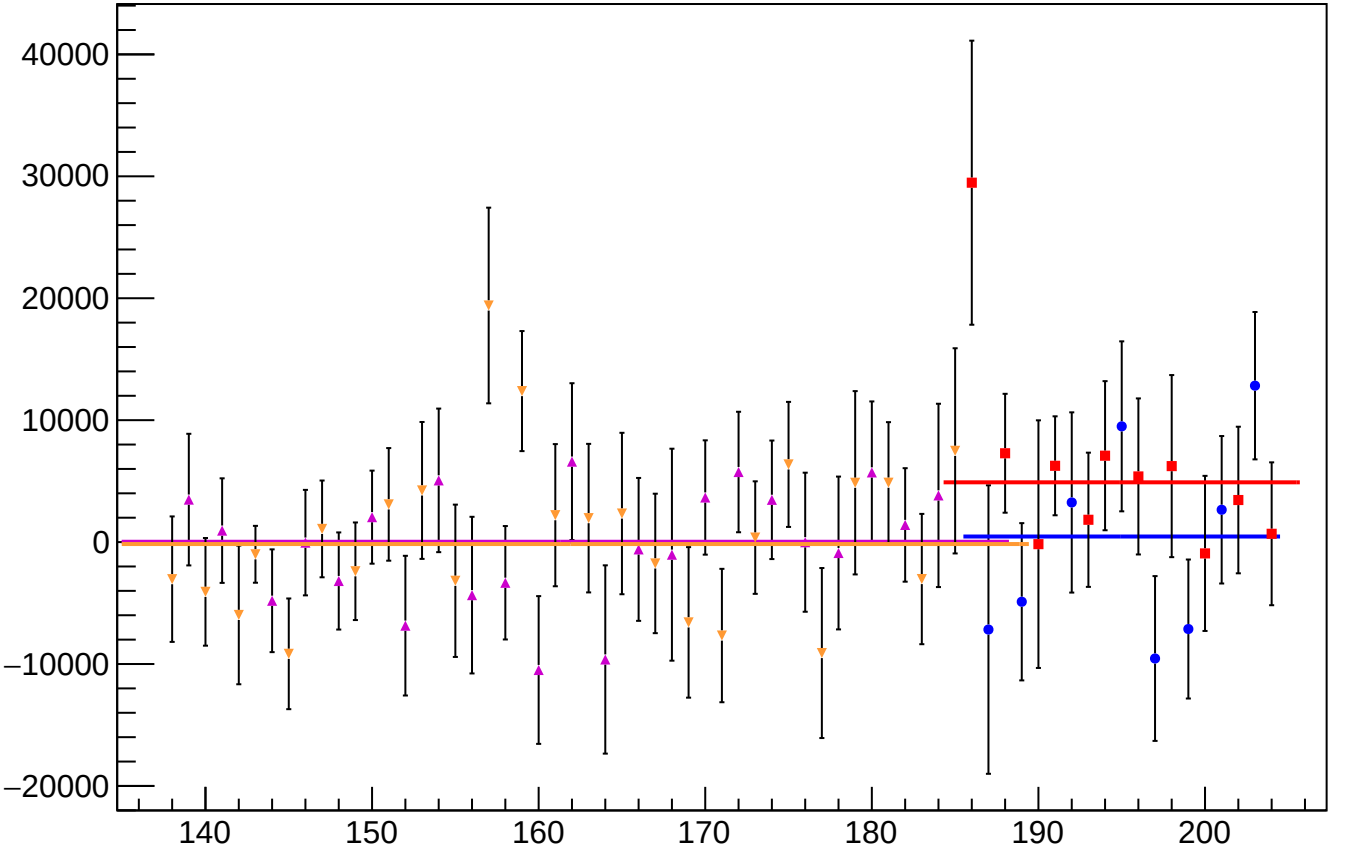
Right: 1383.153+/-0.194 χ^2/NDF: 1055459.1/53

In: 1429.148+/-0.188 χ^2/NDF:866780.4/47

Out: 1421.795+/-0.178 χ^2/NDF:682933.2/53

All: 1425.259+/-0.129 χ^2/NDF: 1550520.0/10

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 457.627+/-2373.776 χ^2/NDF: 11.2/7

Left Out: -160.118+/-989.347 χ^2/NDF:29.7/24

Right Out: 4902.083+/-1815.247 χ^2/NDF: 6.9/10

Left In: 26.926+/-1085.415 χ^2/NDF:15.3/22

Left: -75.238+/-731.183 χ^2/NDF: 45.0/47

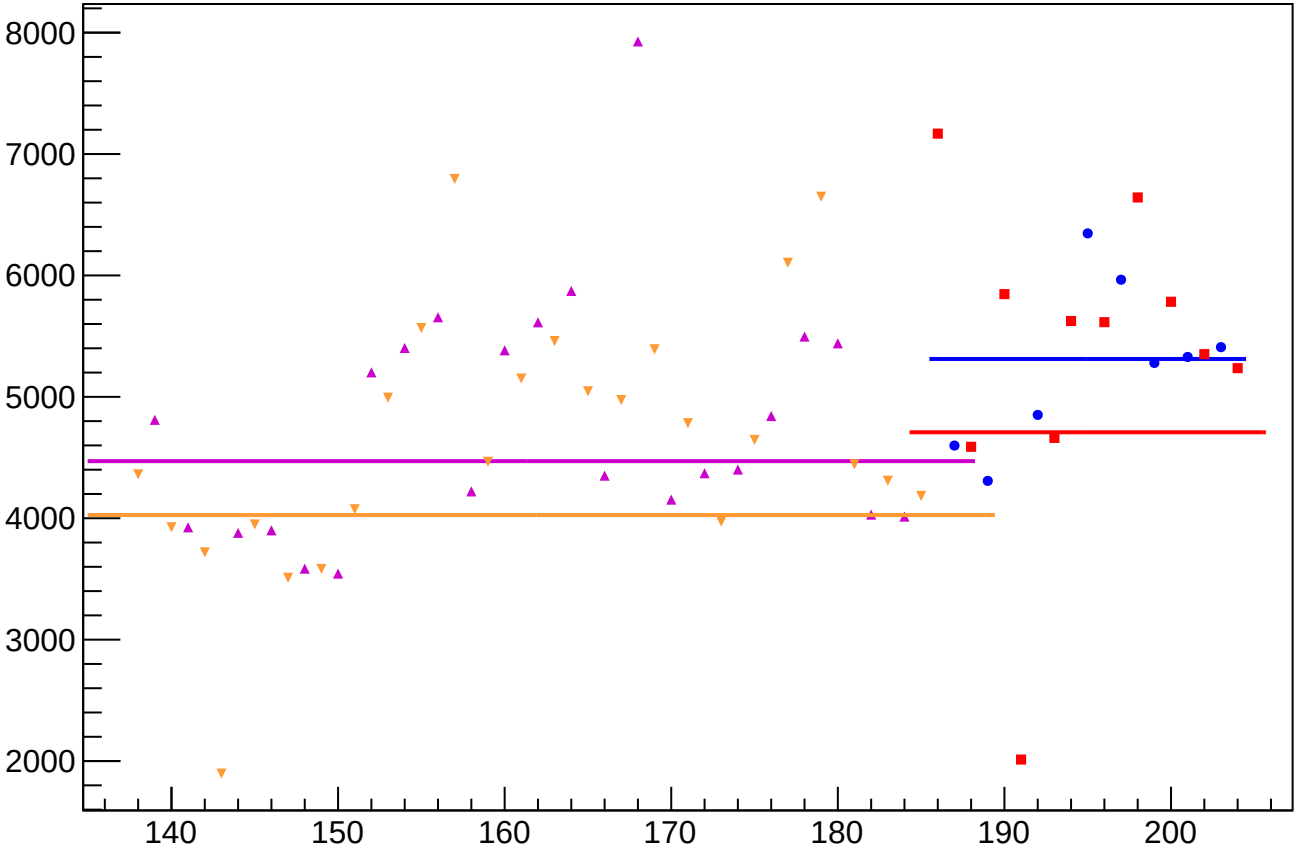
Right: 3262.091+/-1441.954 χ^2/NDF: 20.4/18

In: 101.405+/-987.116 χ^2/NDF:26.5/30

Out: 999.218+/-868.702 χ^2/NDF:42.7/35

All: 607.366+/-652.133 χ^2/NDF: 69.7/66

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 5312.115+/-1.679 χ^2/NDF: 126835.9/7

Left Out: 4026.447+/-0.700 χ^2/NDF:3071265.0/24

Right Out: 4708.235+/-1.284 χ^2/NDF: 1313799.9/10

Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

Left: 4227.952+/-0.517 χ^2/NDF: 4386588.9/47

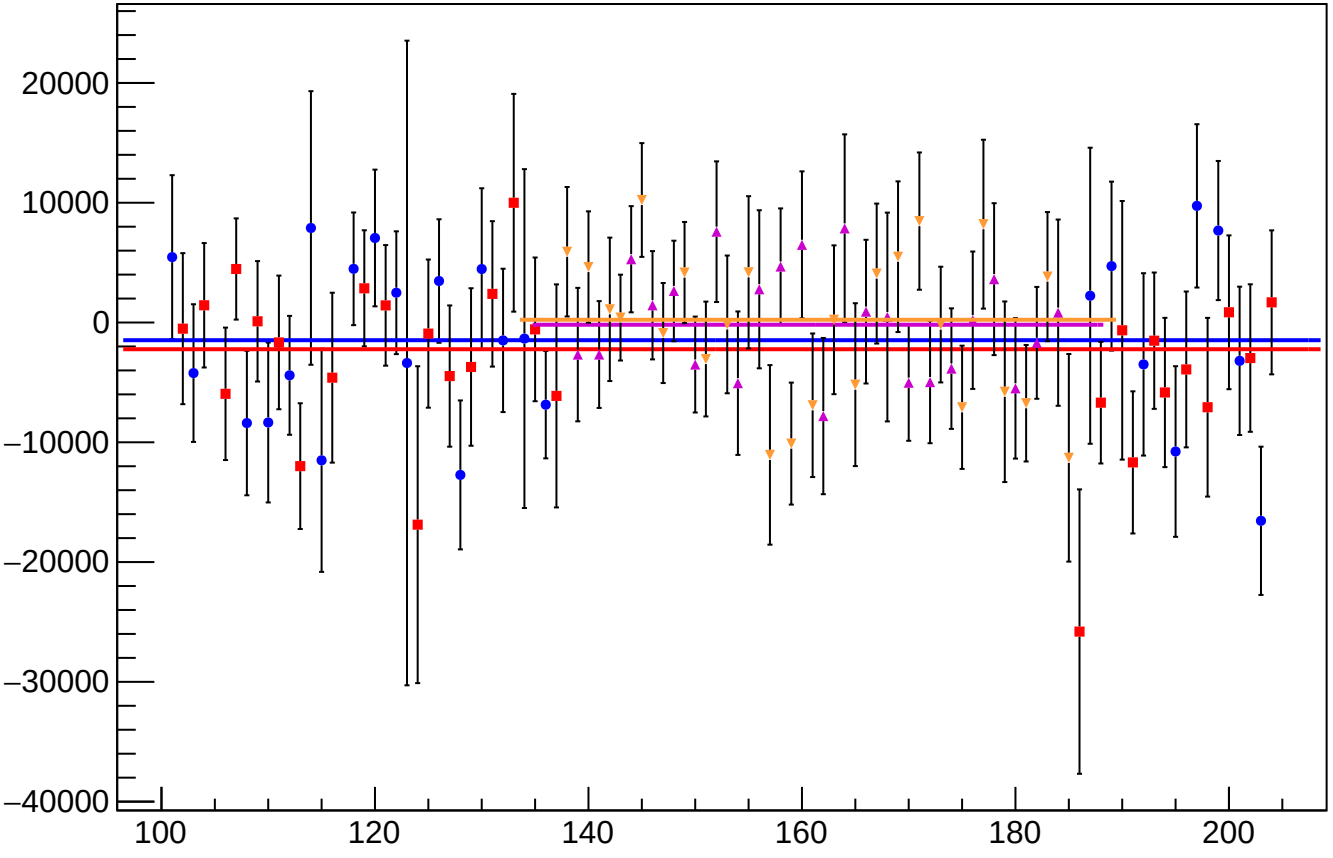
Right: 4931.065+/-1.020 χ^2/NDF: 1522309.6/18

In: 4616.028+/-0.698 χ^2/NDF:1467268.4/30

Out: 4182.589+/-0.614 χ^2/NDF:4602586.0/35

All: 4371.764+/-0.461 χ^2/NDF: 6287165.0/66

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1476.904+/-1278.335 χ^2/NDF: 30.5/24

Left Out: 229.897+/-1073.528 χ^2/NDF:28.1/24

Right Out: -2230.786+/-1130.410 χ^2/NDF: 21.9/28

Left In: -185.280+/-1119.296 χ^2/NDF:14.3/22

Left: 30.970+/-774.774 χ^2/NDF: 42.5/47

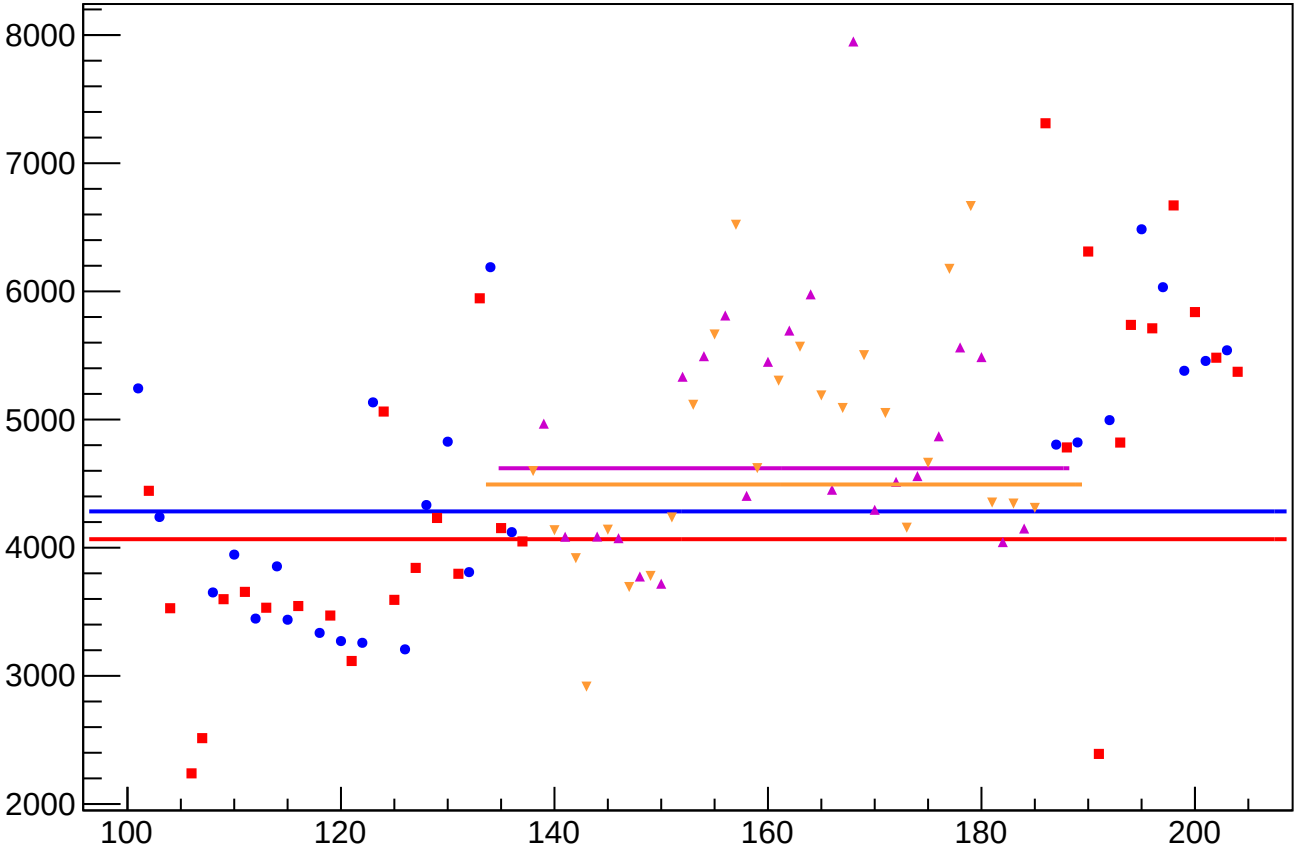
Right: -1899.968+/-846.813 χ^2/NDF: 52.6/53

In: -745.791+/-842.110 χ^2/NDF:45.4/47

Out: -936.978+/-778.432 χ^2/NDF:52.5/53

All: -848.886+/-571.622 χ^2/NDF: 97.8/101

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4283.207+/-0.904 χ^2/NDF: 1101807.7/24

Left Out: 4493.314+/-0.759 χ^2/NDF:1309134.5/24

Right Out: 4066.384+/-0.794 χ^2/NDF: 2198444.3/28

Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

Left: 4553.991+/-0.548 χ^2/NDF: 2324435.7/47

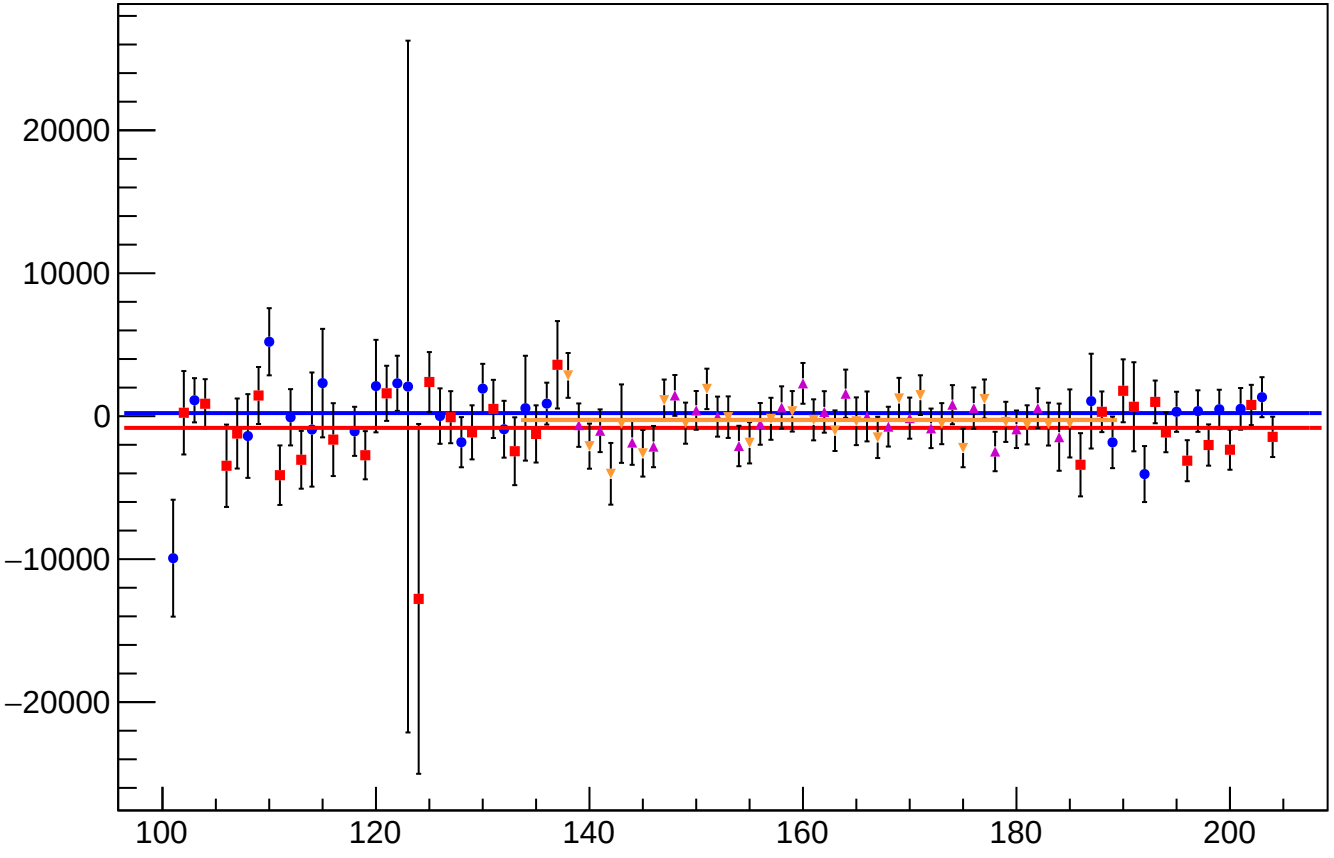
Right: 4160.875+/-0.597 χ^2/NDF: 3332715.8/53

In: 4473.815+/-0.595 χ^2/NDF:2182334.0/47

Out: 4289.550+/-0.549 χ^2/NDF:3658547.7/53

All: 4374.186+/-0.404 χ^2/NDF: 5892658.1/10

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 217.441+/-384.914 χ^2/NDF: 23.5/24

Left Out: -270.523+/-302.030 χ^2/NDF:22.2/24

Right Out: -816.538+/-347.277 χ^2/NDF: 27.6/28

Left In: -258.285+/-305.289 χ^2/NDF:16.0/22

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

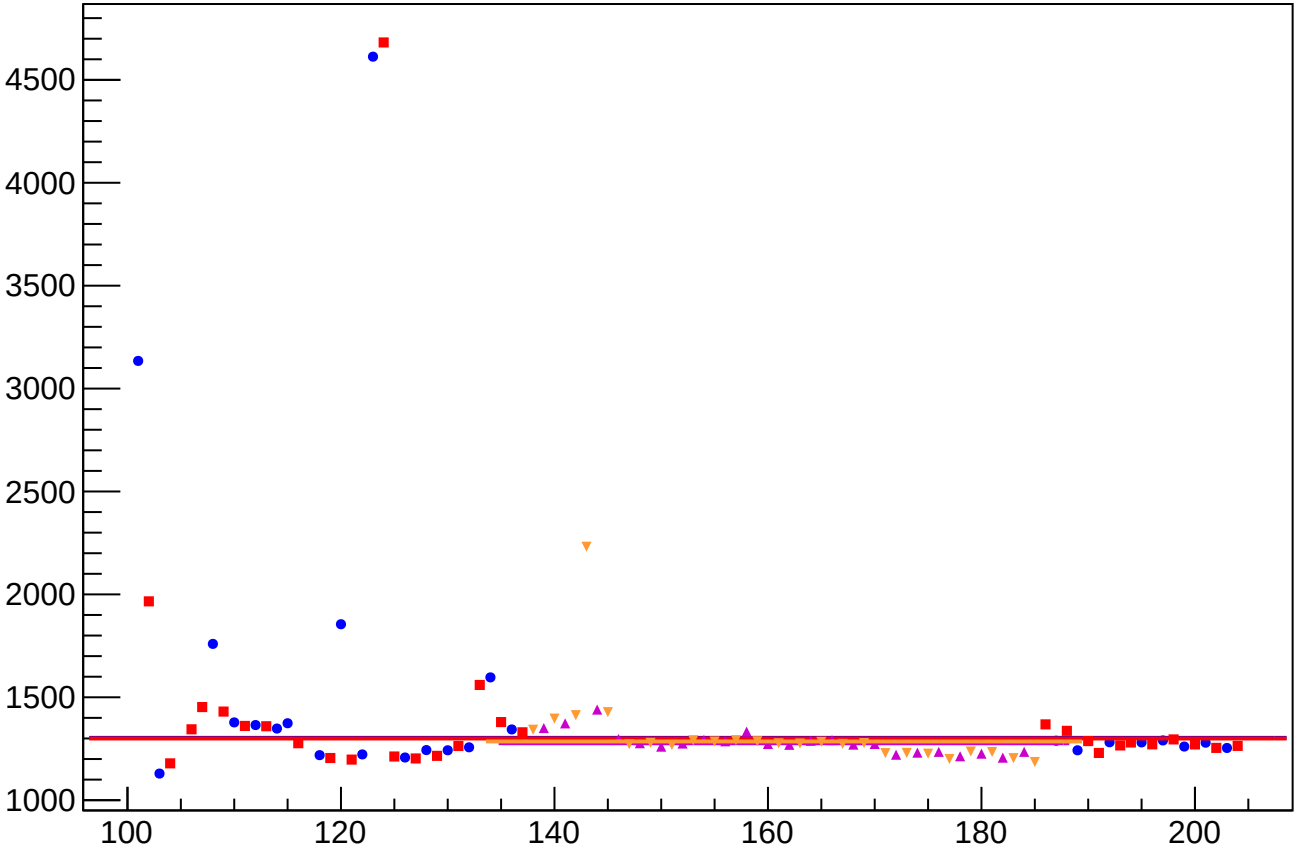
Right: -352.558+/-257.844 χ^2/NDF: 55.0/53

In: -74.583+/-239.190 χ^2/NDF:40.4/47

Out: -505.665+/-227.897 χ^2/NDF:51.1/53

All: -300.540+/-164.995 χ^2/NDF: 93.3/101

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1302.741+/-0.272 χ^2/NDF: 617160.8/24

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

Right Out: 1299.946+/-0.246 χ^2/NDF: 351460.7/28

Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

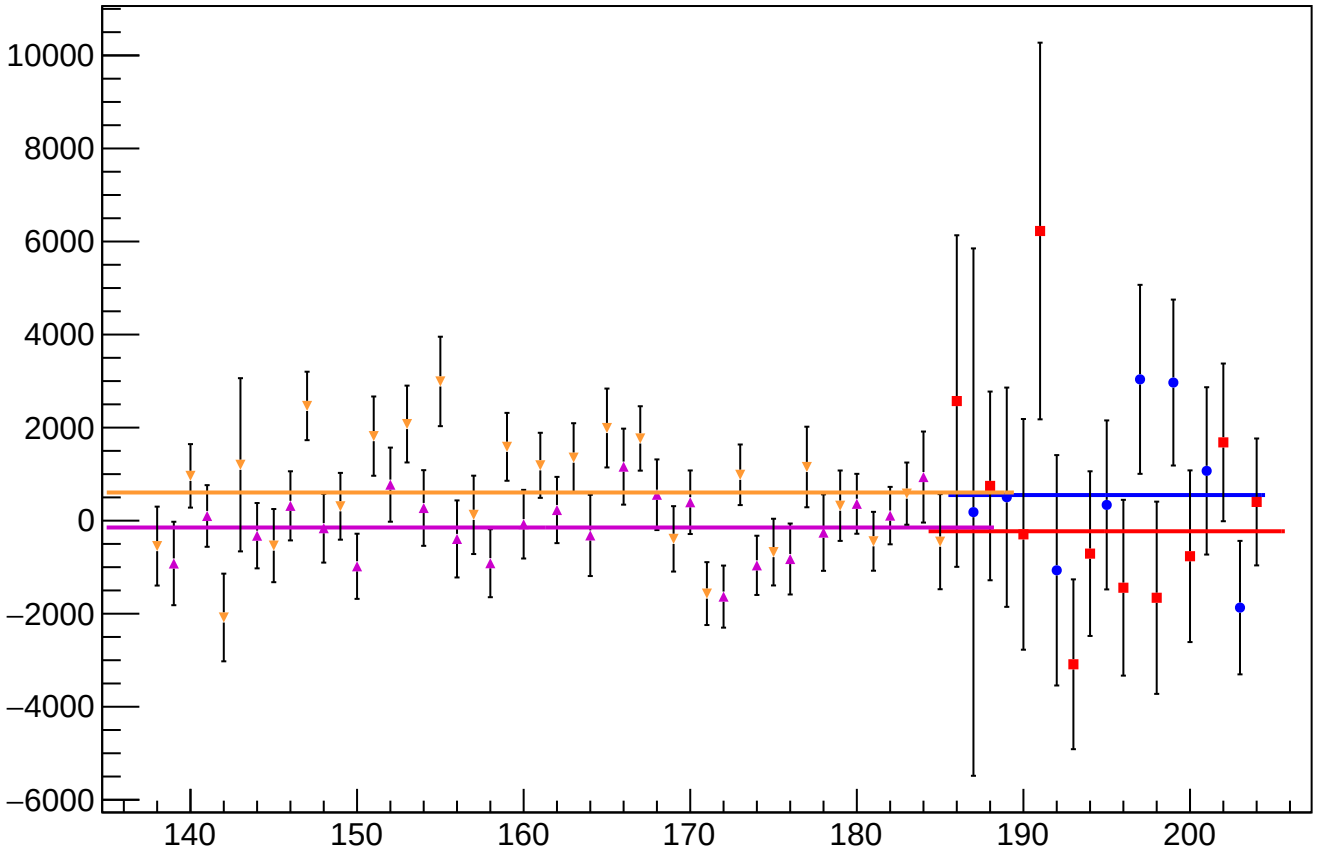
Right: 1301.200+/-0.182 χ^2/NDF: 968679.6/53

In: 1286.790+/-0.169 χ^2/NDF:682190.4/47

Out: 1291.763+/-0.161 χ^2/NDF:659468.4/53

All: 1289.397+/-0.117 χ^2/NDF: 1342112.1/10

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 550.291+/-701.976 χ^2/NDF: 6.7/7

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

Right Out: -228.044+/-591.444 χ^2/NDF: 8.4/10

Left In: -147.044+/-154.051 χ^2/NDF:19.4/22

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

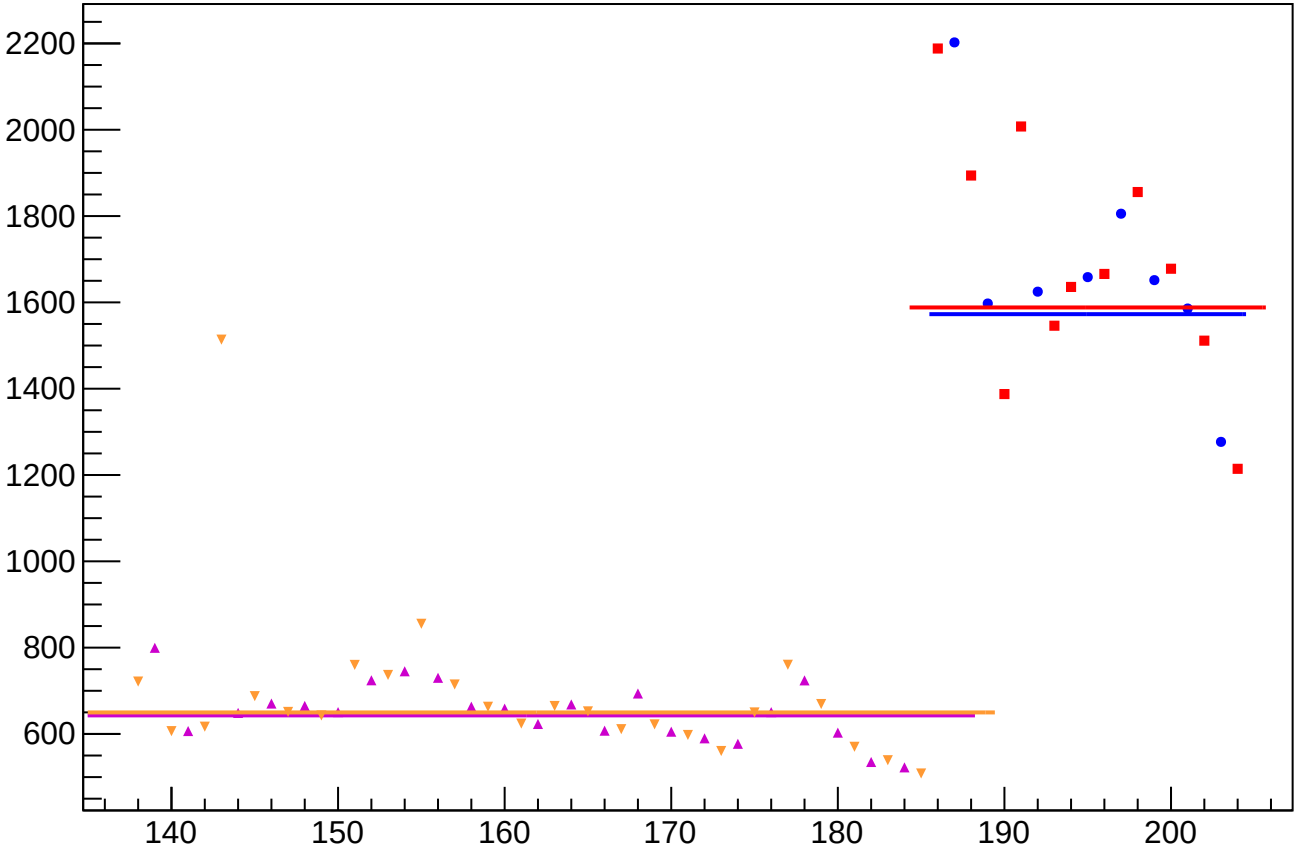
Right: 95.091+/-452.305 χ^2/NDF: 15.8/18

In: -115.004+/-150.471 χ^2/NDF:27.0/30

Out: 552.314+/-148.960 χ^2/NDF:70.2/35

All: 222.021+/-105.861 χ^2/NDF: 107.2/66

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1572.701+/-0.496 χ^2/NDF: 145642.7/7

Left Out: 649.866+/-0.109 χ^2/NDF:840823.5/24

Right Out: 1588.238+/-0.418 χ^2/NDF: 335250.5/10

Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

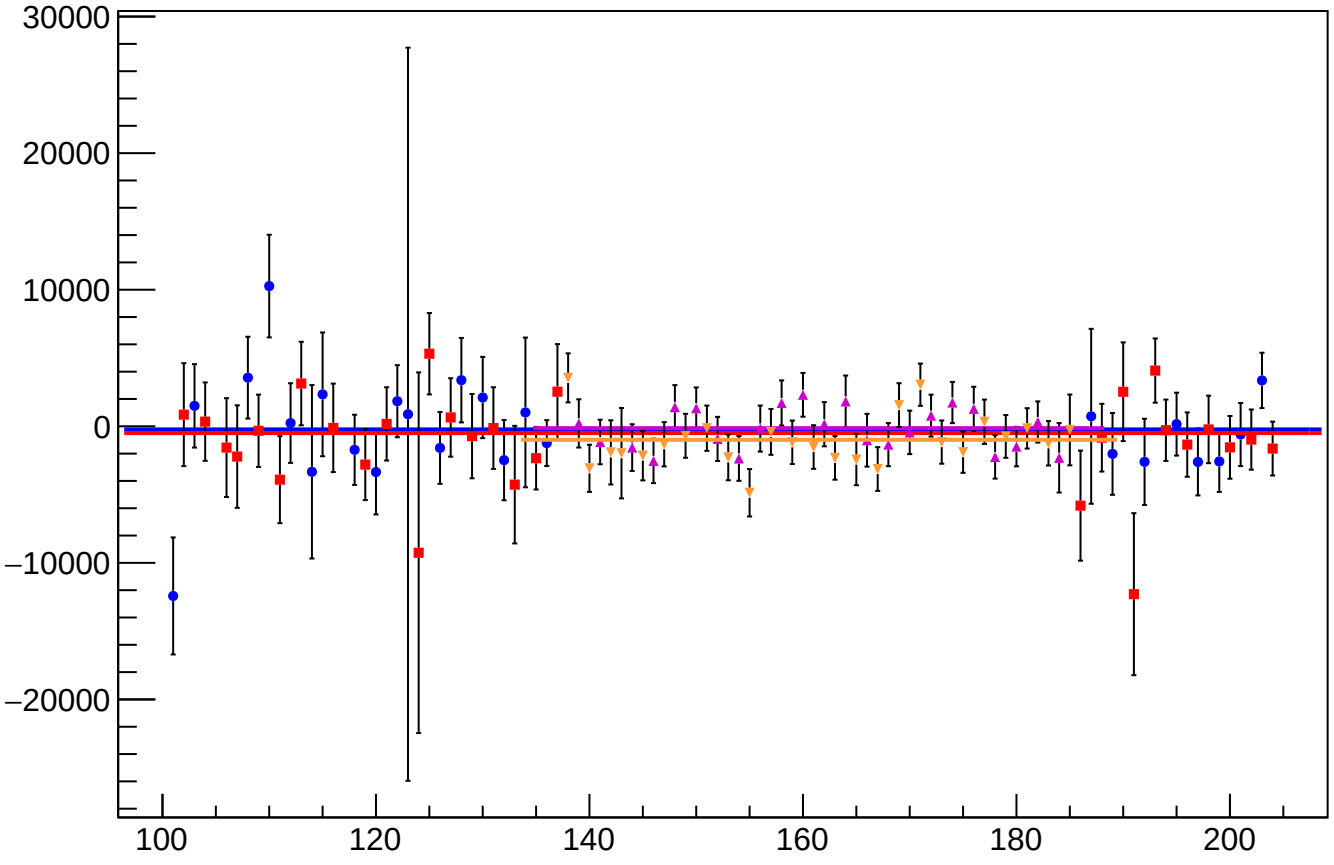
Right: 1581.788+/-0.320 χ^2/NDF: 481466.3/18

In: 685.725+/-0.106 χ^2/NDF:3816338.8/30

Out: 709.390+/-0.105 χ^2/NDF:5891185.7/35

All: 697.677+/-0.075 χ^2/NDF: 9732509.0/66

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -227.953+/-575.010 χ^2/NDF: 29.8/24

Left Out: -987.247+/-339.757 χ^2/NDF:28.5/24

Right Out: -496.380+/-530.194 χ^2/NDF: 21.5/28

Left In: -137.780+/-342.262 χ^2/NDF:18.8/22

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

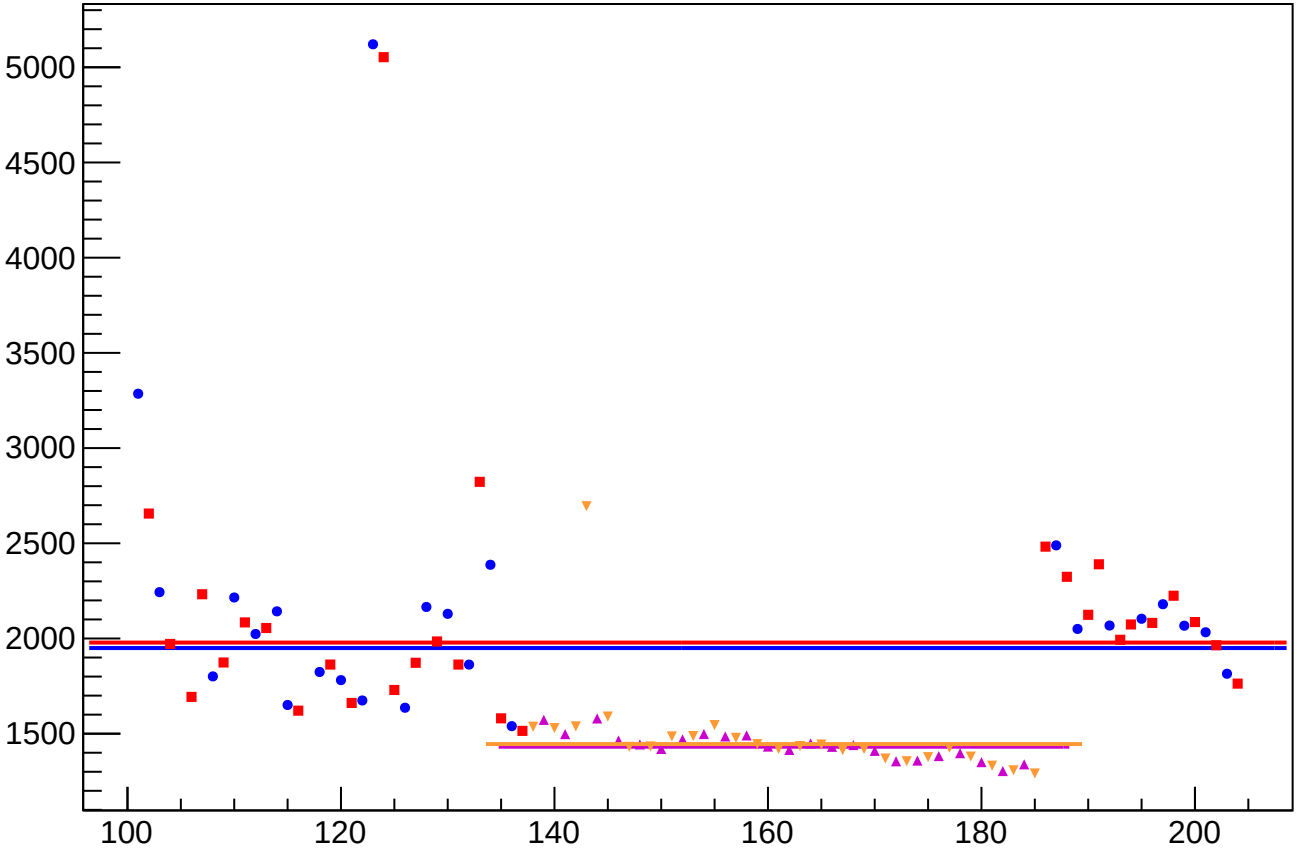
Right: -373.033+/-389.786 χ^2/NDF: 51.4/53

In: -161.370+/-294.104 χ^2/NDF:48.6/47

Out: -844.353+/-286.061 χ^2/NDF:50.6/53

All: -512.328+/-205.060 χ^2/NDF: 101.9/101

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1949.780+/-0.407 χ^2/NDF: 542046.4/24

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

Right Out: 1978.590+/-0.375 χ^2/NDF: 588667.1/28

Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

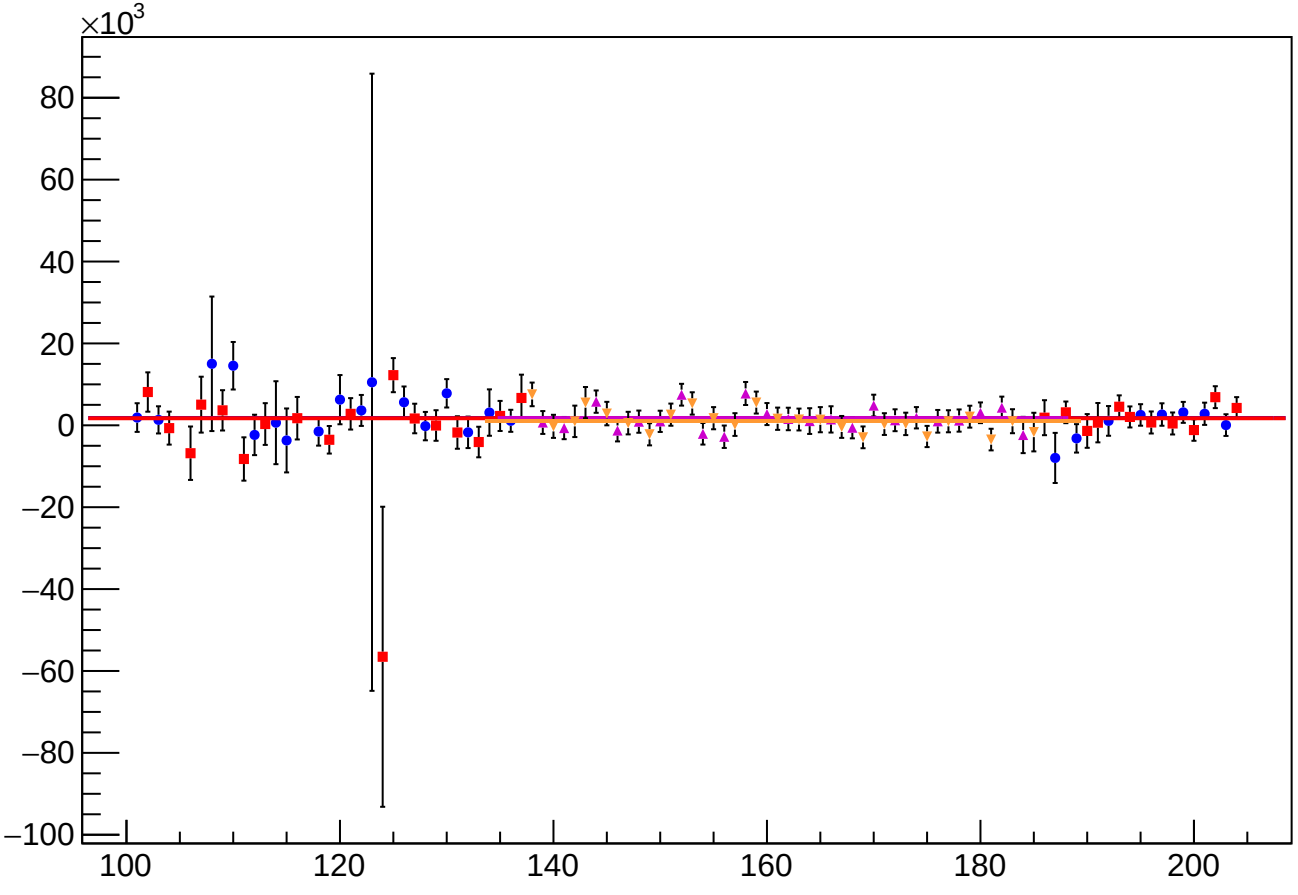
Right: 1965.352+/-0.276 χ^2/NDF: 1133427.3/53

In: 1567.208+/-0.208 χ^2/NDF:1818853.3/47

Out: 1600.628+/-0.202 χ^2/NDF:2397309.6/53

All: 1584.381+/-0.145 χ^2/NDF: 4229433.9/10

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1788.646+/-741.180 χ^2/NDF: 19.4/24

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: 1726.501+/-675.343 χ^2/NDF: 31.6/28

Left In: 1762.122+/-574.660 χ^2/NDF:23.2/22

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

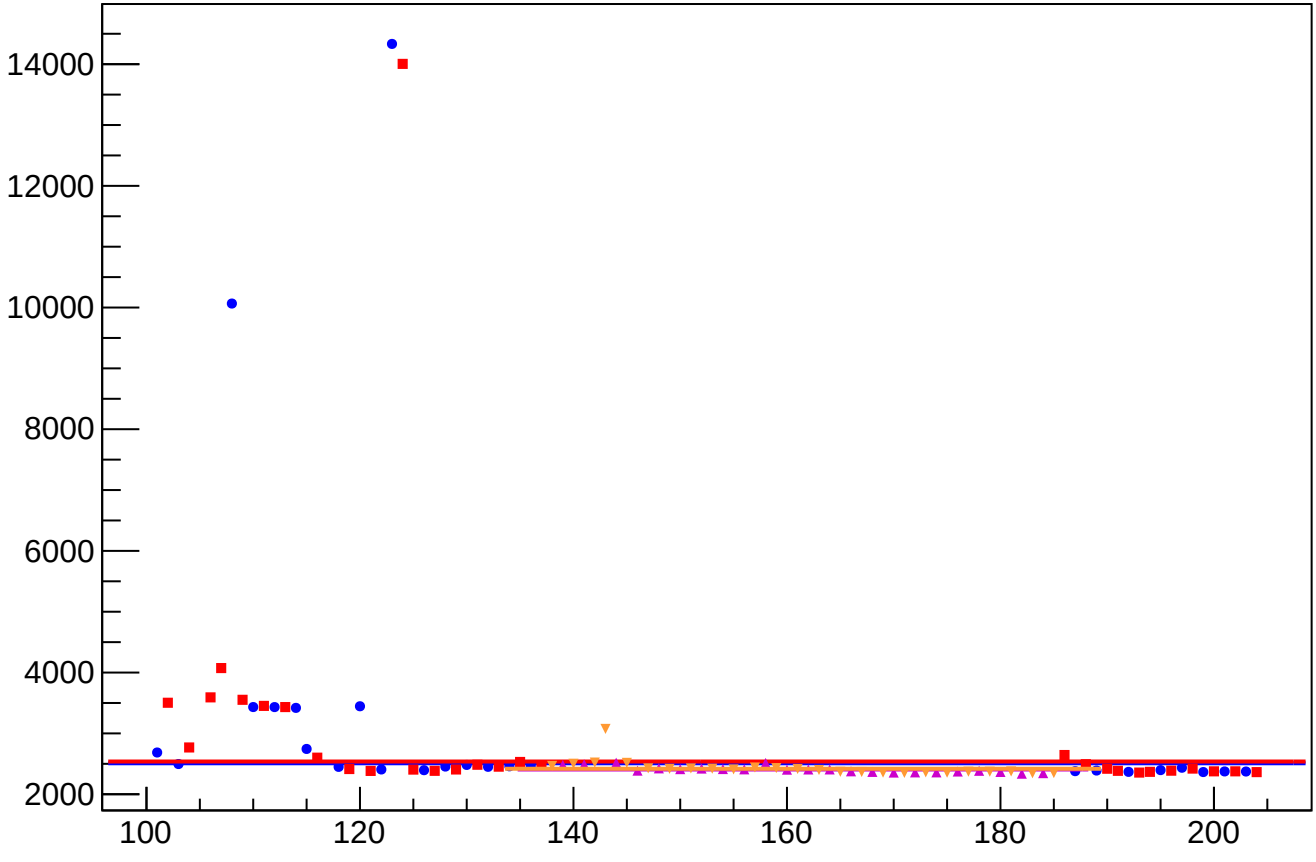
Right: 1754.691+/-499.196 χ^2/NDF: 51.0/53

In: 1772.080+/-454.147 χ^2/NDF:42.6/47

Out: 1333.533+/-433.905 χ^2/NDF:54.9/53

All: 1542.816+/-313.729 χ^2/NDF: 98.0/101

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2509.044+/-0.524 χ^2/NDF: 698294.1/24

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

Right Out: 2537.987+/-0.478 χ^2/NDF: 715442.6/28

Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

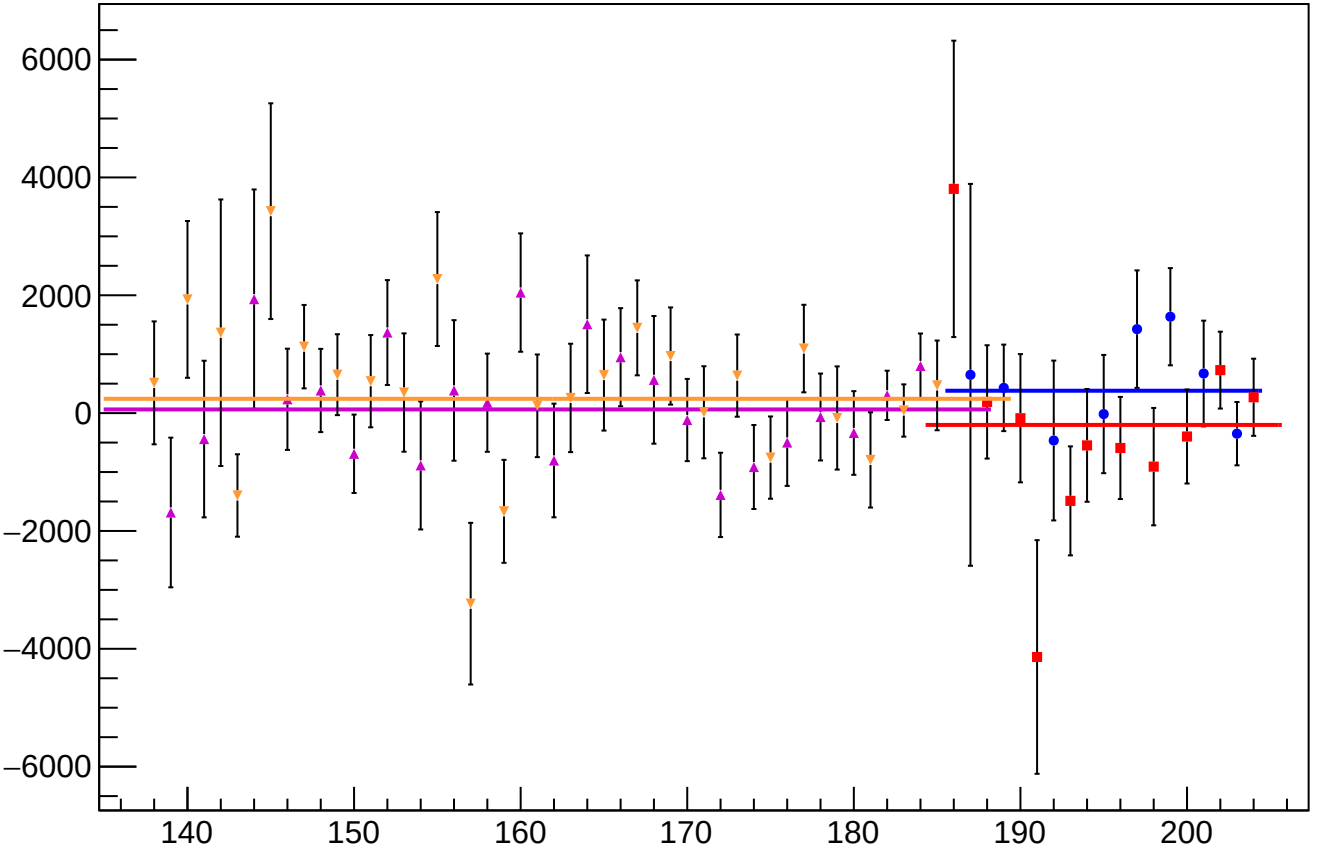
Right: 2524.857+/-0.353 χ^2/NDF: 1415403.0/53

In: 2444.964+/-0.321 χ^2/NDF:737475.4/47

Out: 2468.102+/-0.307 χ^2/NDF:826694.7/53

All: 2457.060+/-0.222 χ^2/NDF: 1566884.0/10

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 379.957+/-306.179 χ^2/NDF: 5.9/7

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

Right Out: -200.344+/-275.312 χ^2/NDF: 12.0/10

Left In: 62.569+/-164.169 χ^2/NDF:24.3/22

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

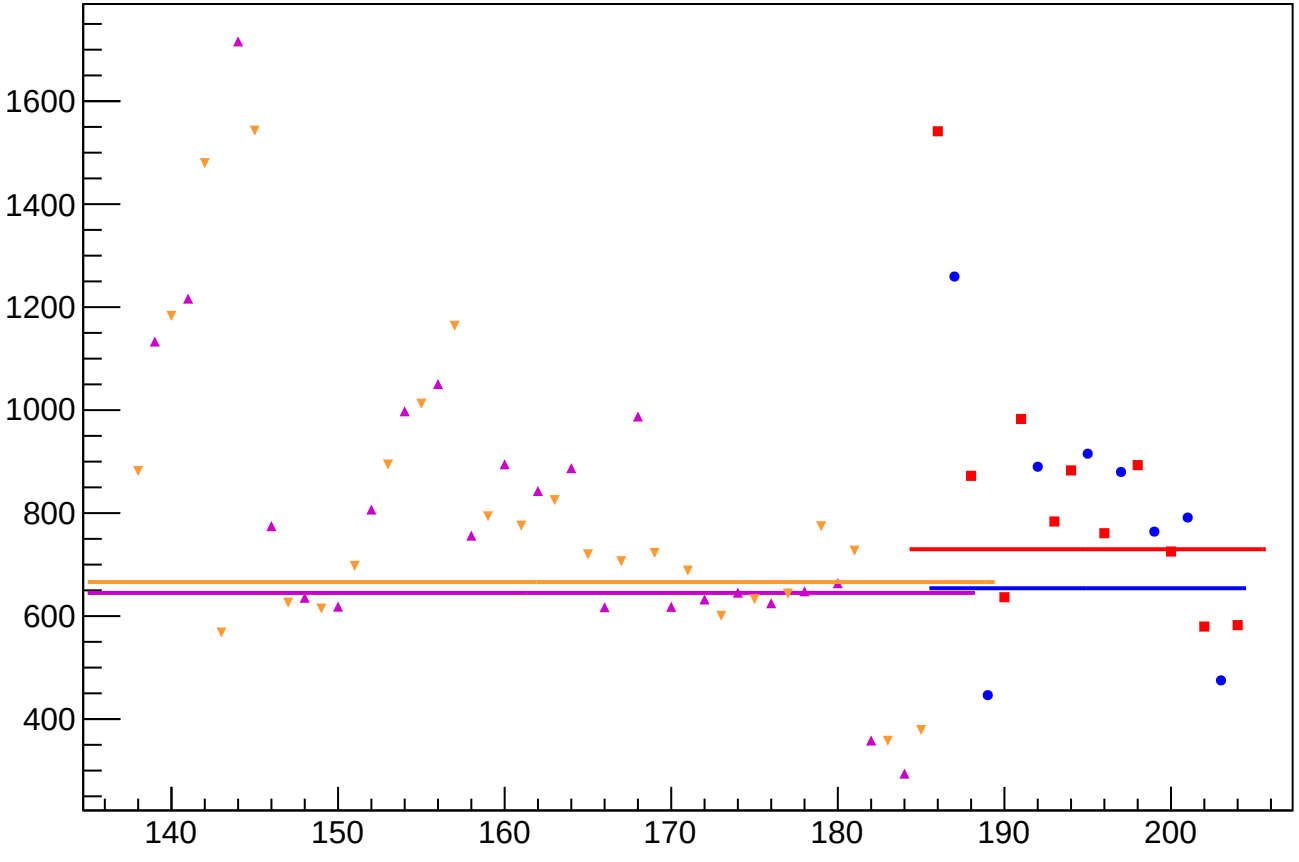
Right: 59.089+/-204.721 χ^2/NDF: 20.0/18

In: 133.441+/-144.683 χ^2/NDF:31.0/30

Out: 127.047+/-140.858 χ^2/NDF:49.9/35

All: 130.159+/-100.927 χ^2/NDF: 81.0/66

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 654.069+/-0.217 χ^2/NDF: 832708.6/7

Left Out: 666.133+/-0.116 χ^2/NDF:3190574.7/24

Right Out: 729.866+/-0.195 χ^2/NDF: 621122.9/10

Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

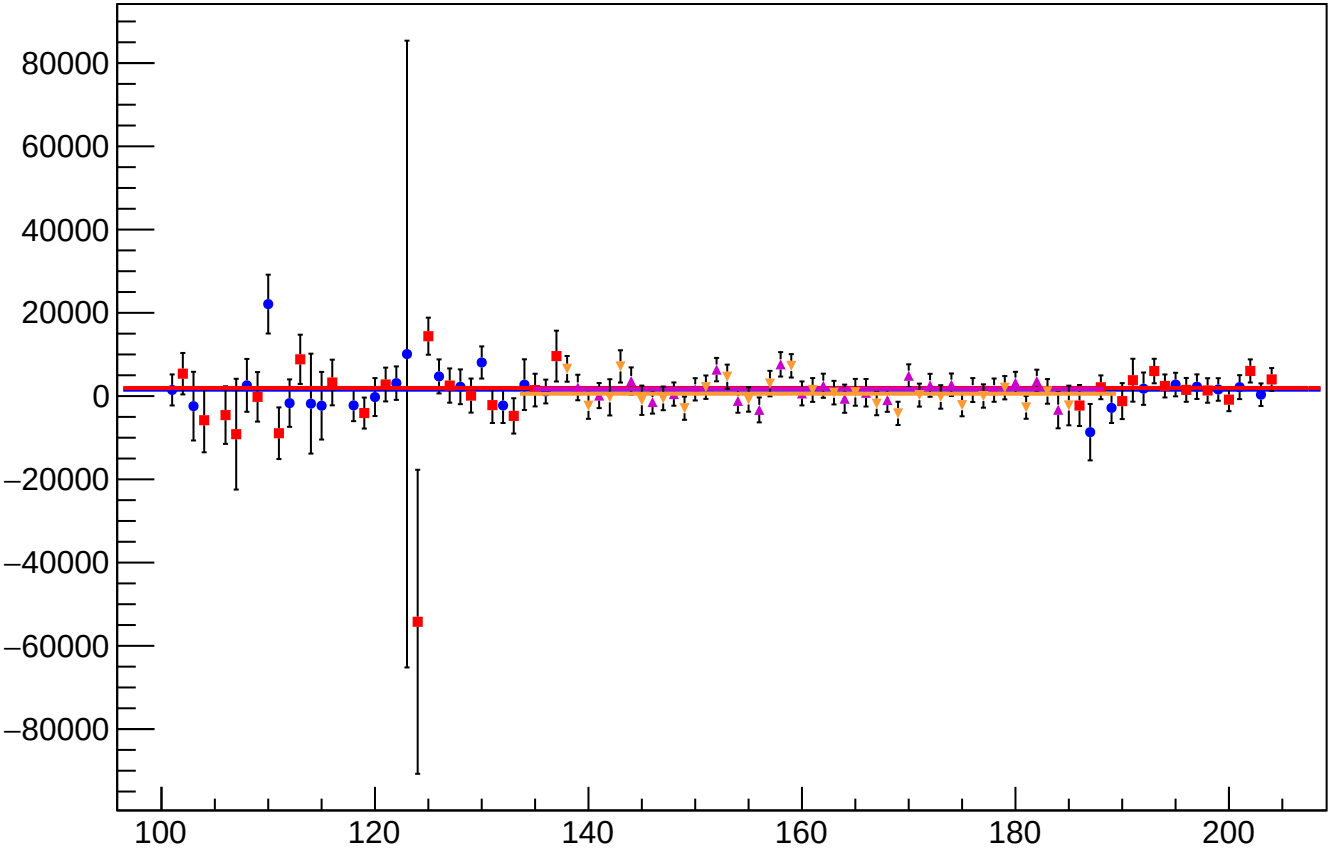
Right: 695.979+/-0.145 χ^2/NDF: 1521604.1/18

In: 647.034+/-0.102 χ^2/NDF:5010363.5/30

Out: 682.816+/-0.100 χ^2/NDF:3890819.5/35

All: 665.404+/-0.071 χ^2/NDF: 8963985.4/66

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1533.633+/-803.172 χ^2/NDF: 19.2/24

Left Out: 566.778+/-598.308 χ^2/NDF:25.2/24

Right Out: 1953.168+/-737.917 χ^2/NDF: 32.9/28

Left In: 1713.317+/-607.775 χ^2/NDF:18.1/22

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

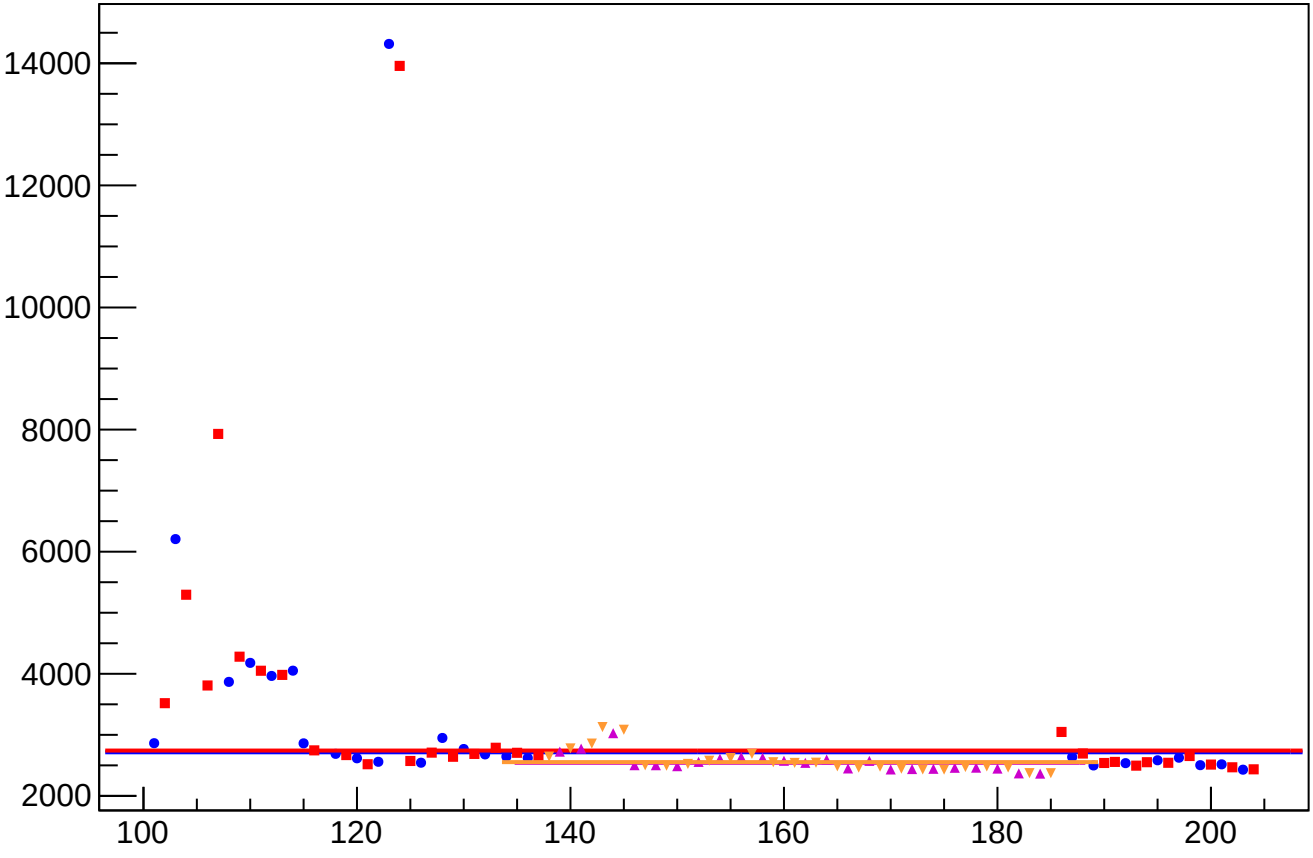
Right: 1761.133+/-543.393 χ^2/NDF: 52.3/53

In: 1647.890+/-484.653 χ^2/NDF:37.3/47

Out: 1116.687+/-464.740 χ^2/NDF:60.2/53

All: 1371.152+/-335.440 χ^2/NDF: 98.2/101

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2714.126+/-0.568 χ^2/NDF: 760747.2/24

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

Right Out: 2742.725+/-0.522 χ^2/NDF: 1239770.6/28

Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

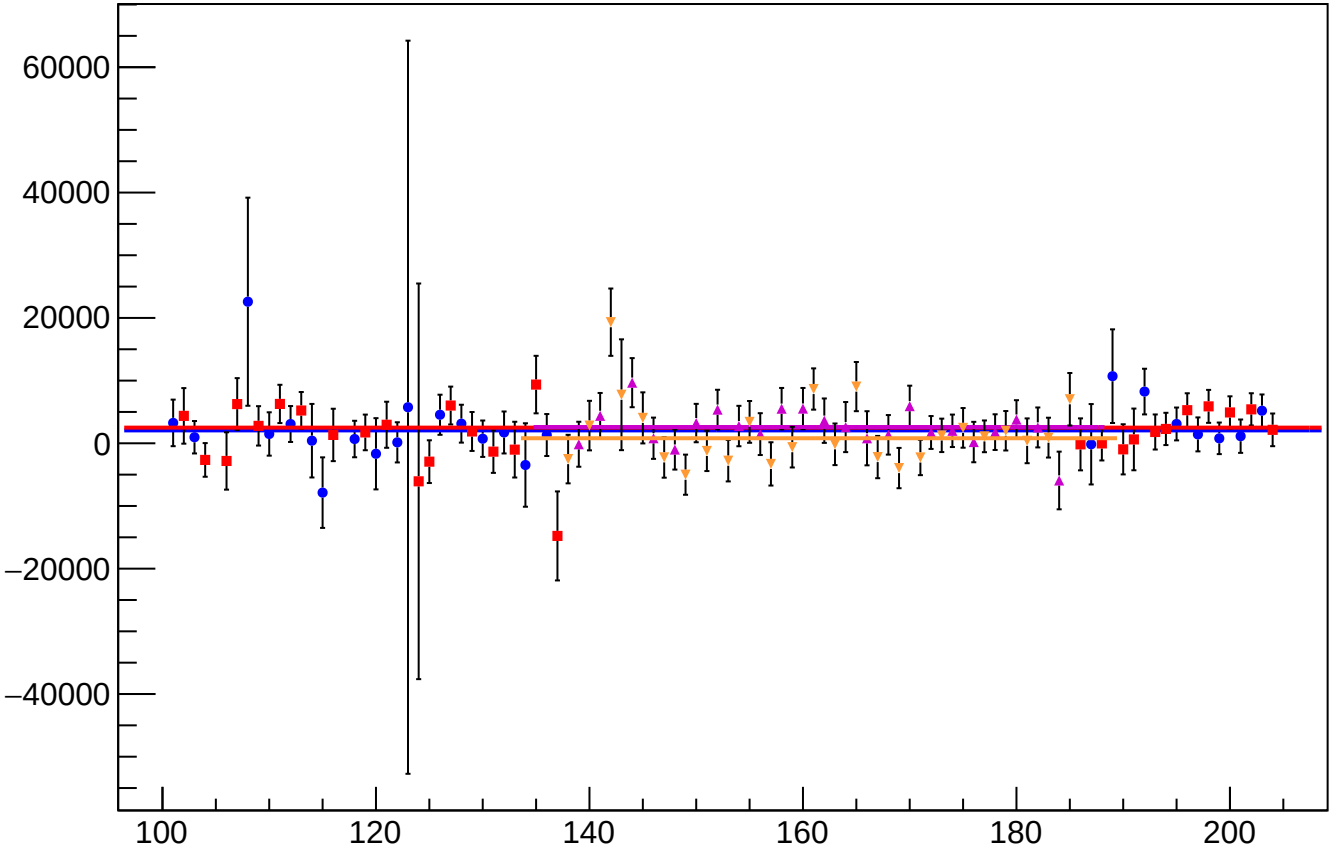
Right: 2729.634+/-0.384 χ^2/NDF: 2001892.9/53

In: 2604.642+/-0.343 χ^2/NDF:916428.6/47

Out: 2628.312+/-0.329 χ^2/NDF:1467888.9/53

All: 2616.974+/-0.237 χ^2/NDF: 2386802.8/10

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2058.453+/-688.035 χ^2/NDF: 14.3/24

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

Right Out: 2499.506+/-610.063 χ^2/NDF: 29.8/28

Left In: 2595.551+/-683.824 χ^2/NDF:14.0/22

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

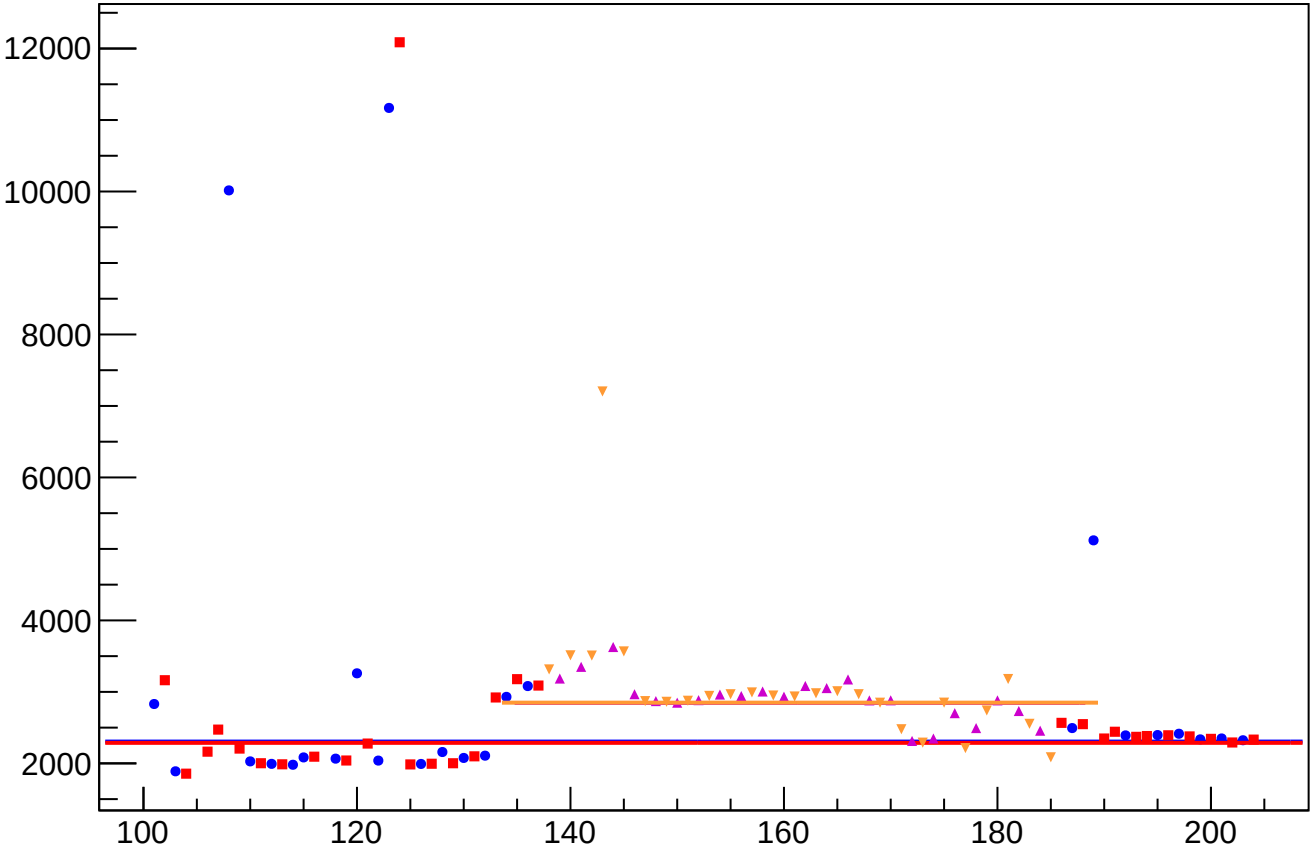
Right: 2305.377+/-456.468 χ^2/NDF: 44.3/53

In: 2328.651+/-485.019 χ^2/NDF:28.6/47

Out: 1741.806+/-453.356 χ^2/NDF:72.4/53

All: 2015.450+/-331.199 χ^2/NDF: 101.7/101

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2304.954+/-0.487 χ^2/NDF: 1160634.3/24

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

Right Out: 2287.323+/-0.431 χ^2/NDF: 627662.5/28

Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

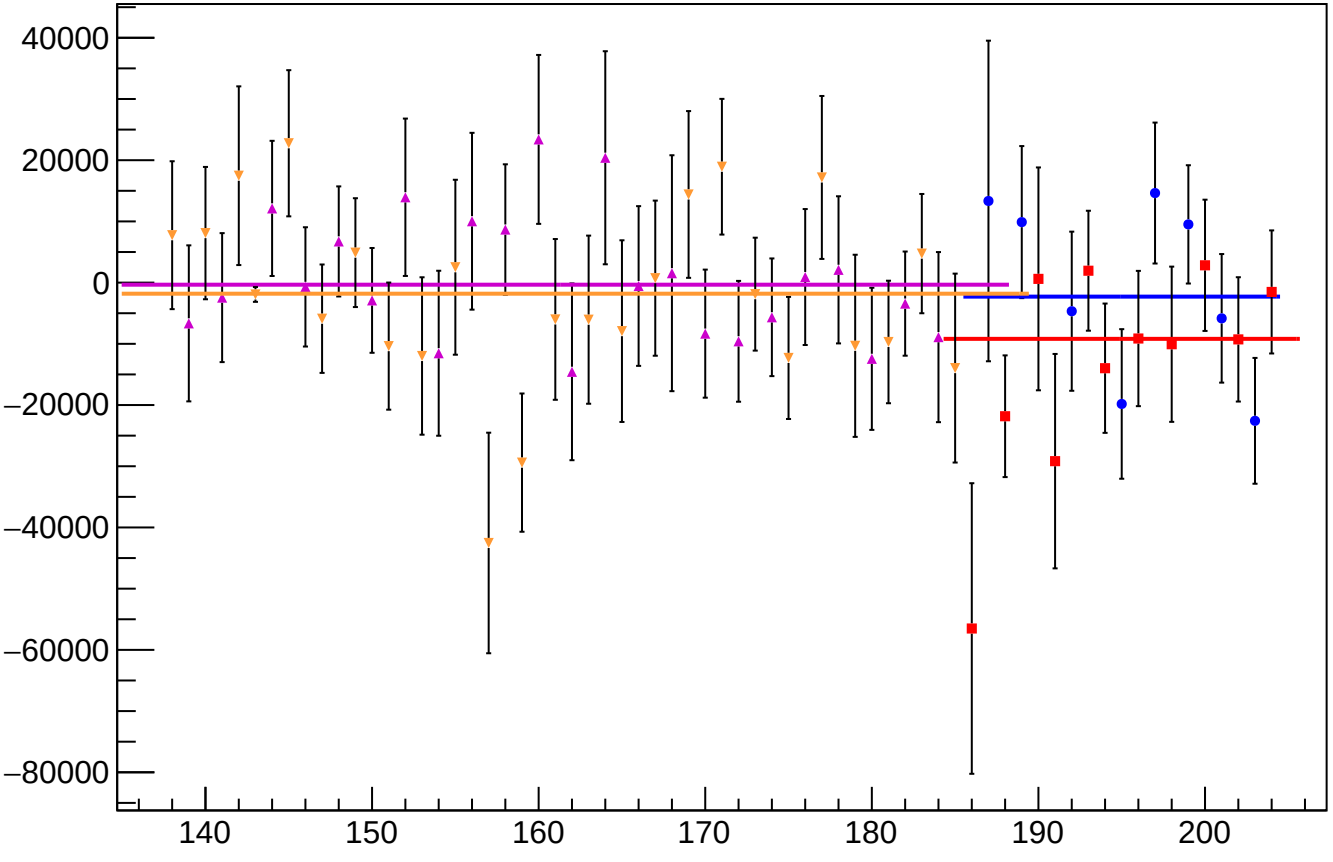
Right: 2295.080+/-0.323 χ^2/NDF: 1789032.3/53

In: 2576.523+/-0.343 χ^2/NDF:2163770.7/47

Out: 2538.829+/-0.321 χ^2/NDF:2422184.0/53

All: 2556.402+/-0.234 χ^2/NDF: 4592403.0/10

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -2287.732+/-4176.010 χ^2/NDF: 11.1/7

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: -9186.547+/-3530.066 χ^2/NDF: 10.5/10

Left In: -339.260+/-2365.986 χ^2/NDF:14.2/22

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

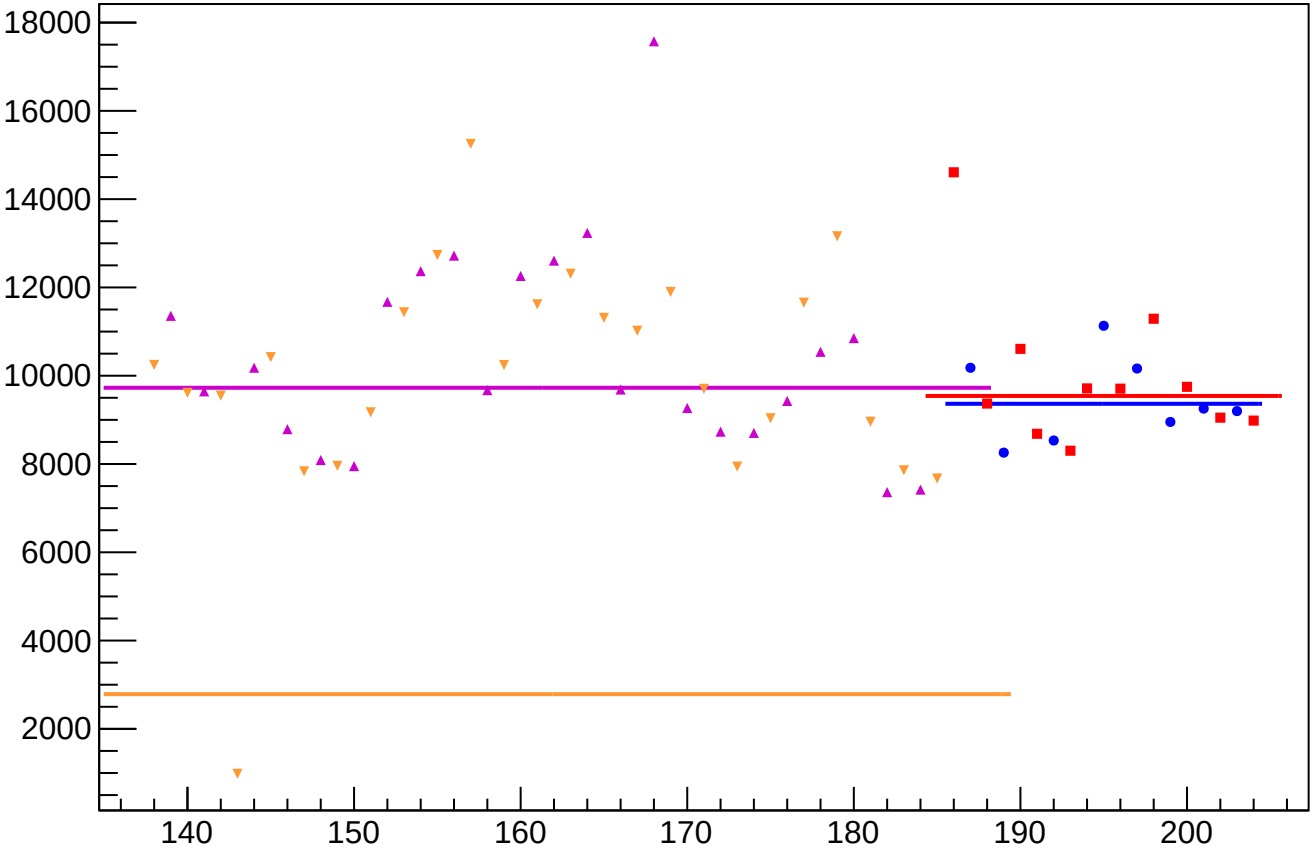
Right: -6311.381+/-2695.912 χ^2/NDF: 23.2/18

In: -812.731+/-2058.549 χ^2/NDF:25.4/30

Out: -2439.949+/-1031.150 χ^2/NDF:45.7/35

All: -2113.556+/-921.952 χ^2/NDF: 71.7/66

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 9364.321+/-2.953 χ^2/NDF: 81817.6/7

Left Out: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

Right Out: 9541.937+/-2.496 χ^2/NDF: 186089.3/10

Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

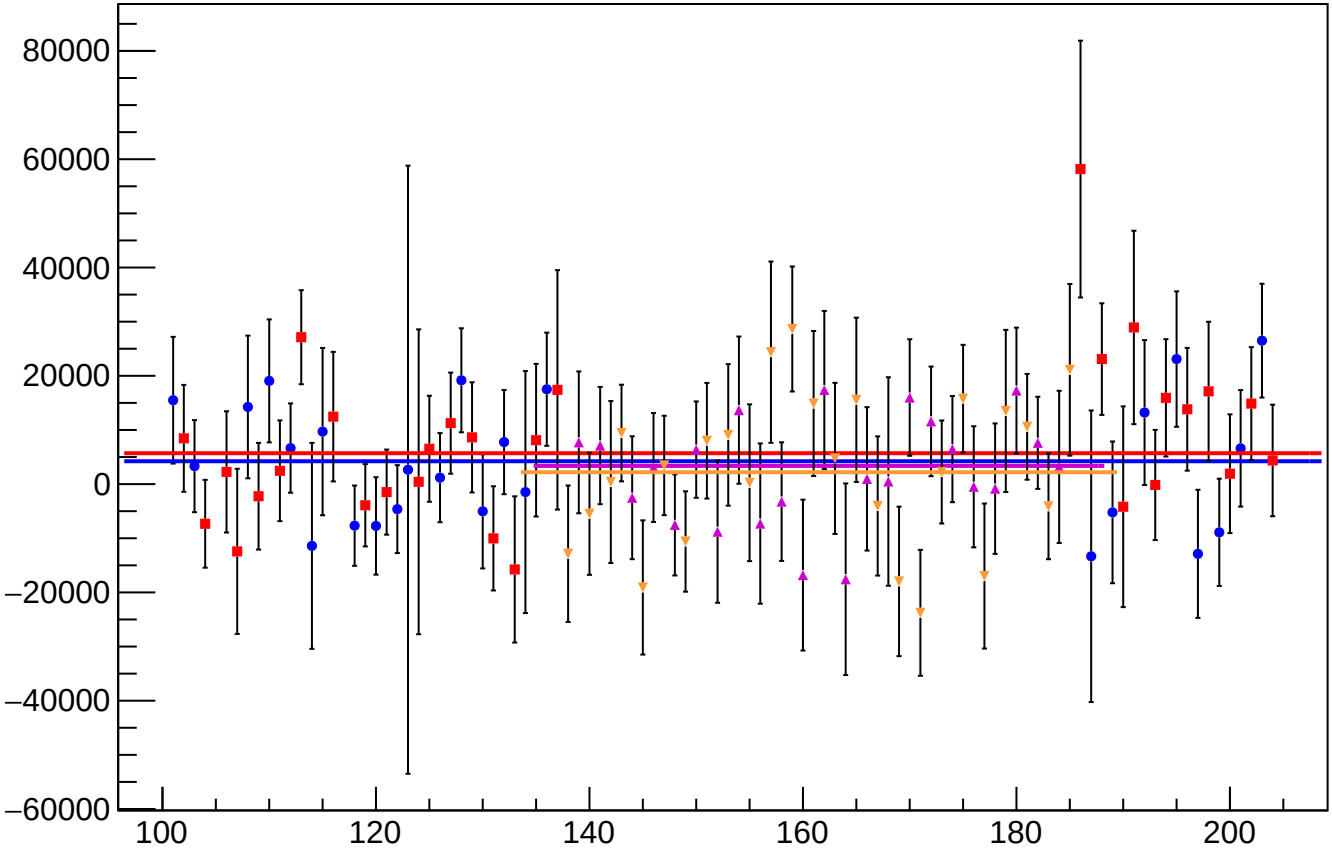
Right: 9467.913+/-1.906 χ^2/NDF: 270017.1/18

In: 9639.064+/-1.456 χ^2/NDF:1354660.0/30

Out: 3362.874+/-0.729 χ^2/NDF:29748641.6/35

All: 4621.772+/-0.652 χ^2/NDF: 45965156.8/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 4223.634+/-2166.163 χ^2/NDF: 26.8/24

Left Out: 2192.629+/-2346.604 χ^2/NDF:31.2/24

Right Out: 5704.997+/-2017.214 χ^2/NDF: 32.9/28

Left In: 3362.489+/-2413.842 χ^2/NDF:12.8/22

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

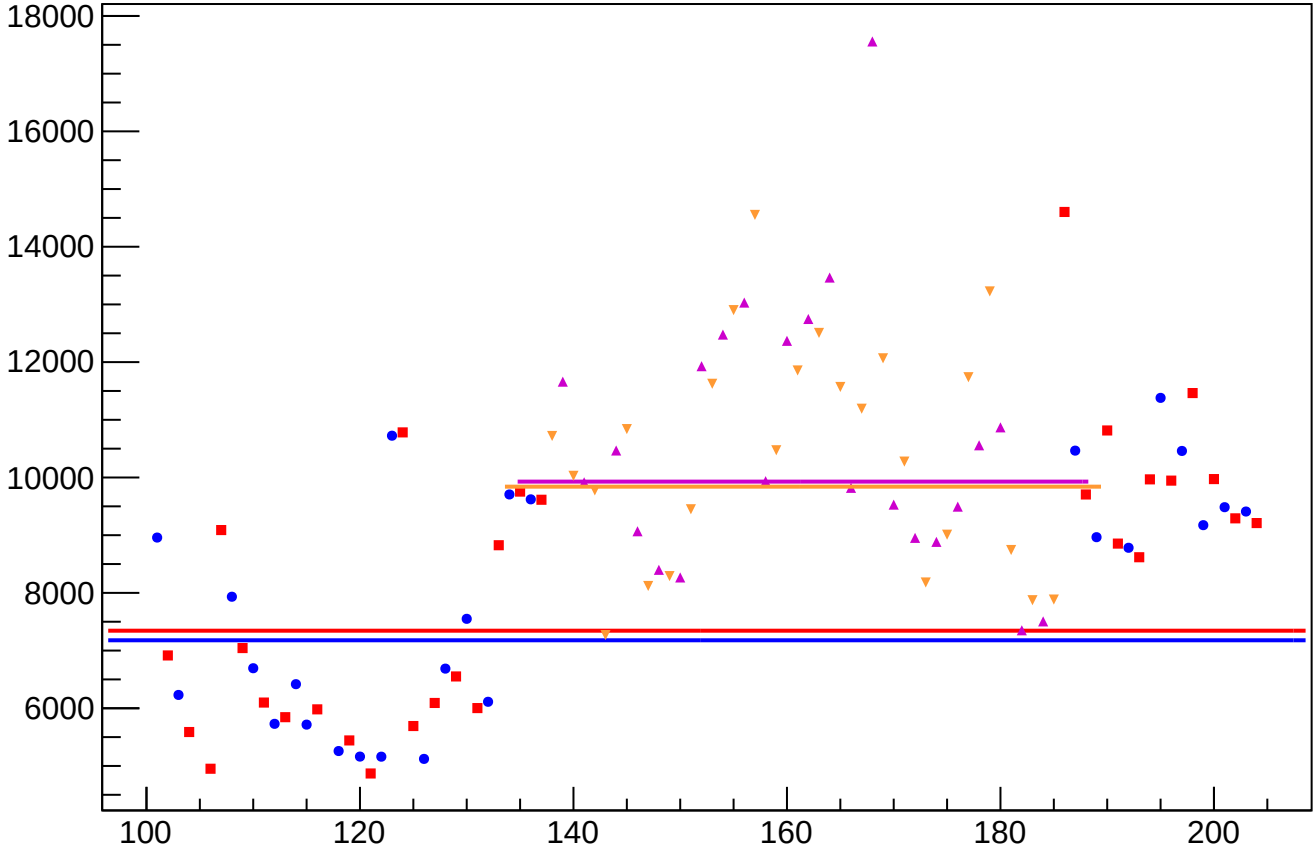
Right: 5016.992+/-1476.237 χ^2/NDF: 60.0/53

In: 3839.495+/-1612.185 χ^2/NDF:39.7/47

Out: 4212.432+/-1529.701 χ^2/NDF:65.4/53

All: 4035.747+/-1109.676 χ^2/NDF: 105.1/101

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7178.294+/-1.532 χ^2/NDF: 1560842.2/24

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

Right Out: 7344.593+/-1.426 χ^2/NDF: 2025948.7/28

Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

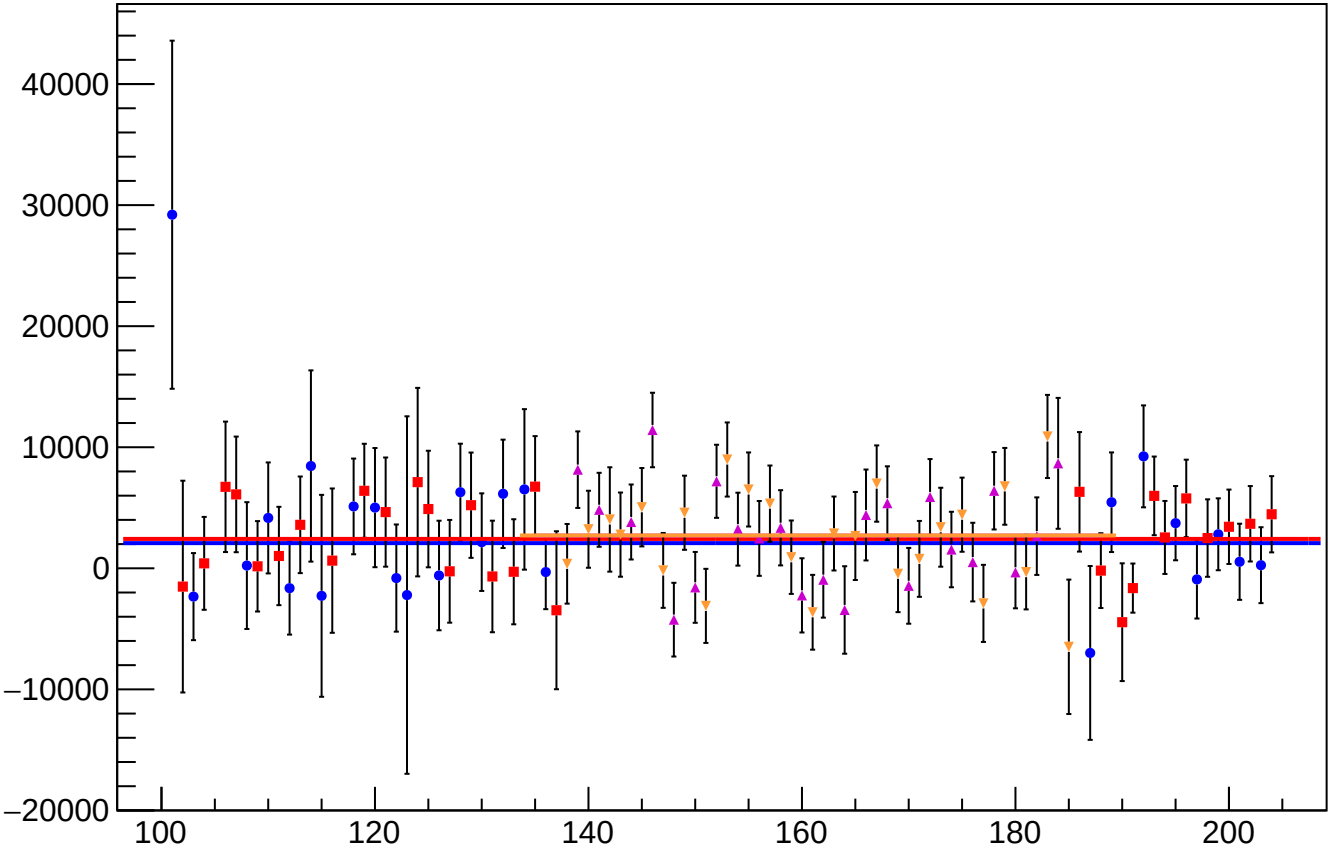
Right: 7267.360+/-1.044 χ^2/NDF: 3593104.1/53

In: 8405.172+/-1.140 χ^2/NDF:4219924.6/47

Out: 8405.487+/-1.082 χ^2/NDF:4512625.6/53

All: 8405.338+/-0.785 χ^2/NDF: 8732550.2/10

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2080.101+/-836.106 χ^2/NDF: 19.0/24

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

Right Out: 2428.377+/-709.199 χ^2/NDF: 18.2/28

Left In: 2697.794+/-662.544 χ^2/NDF:36.1/22

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

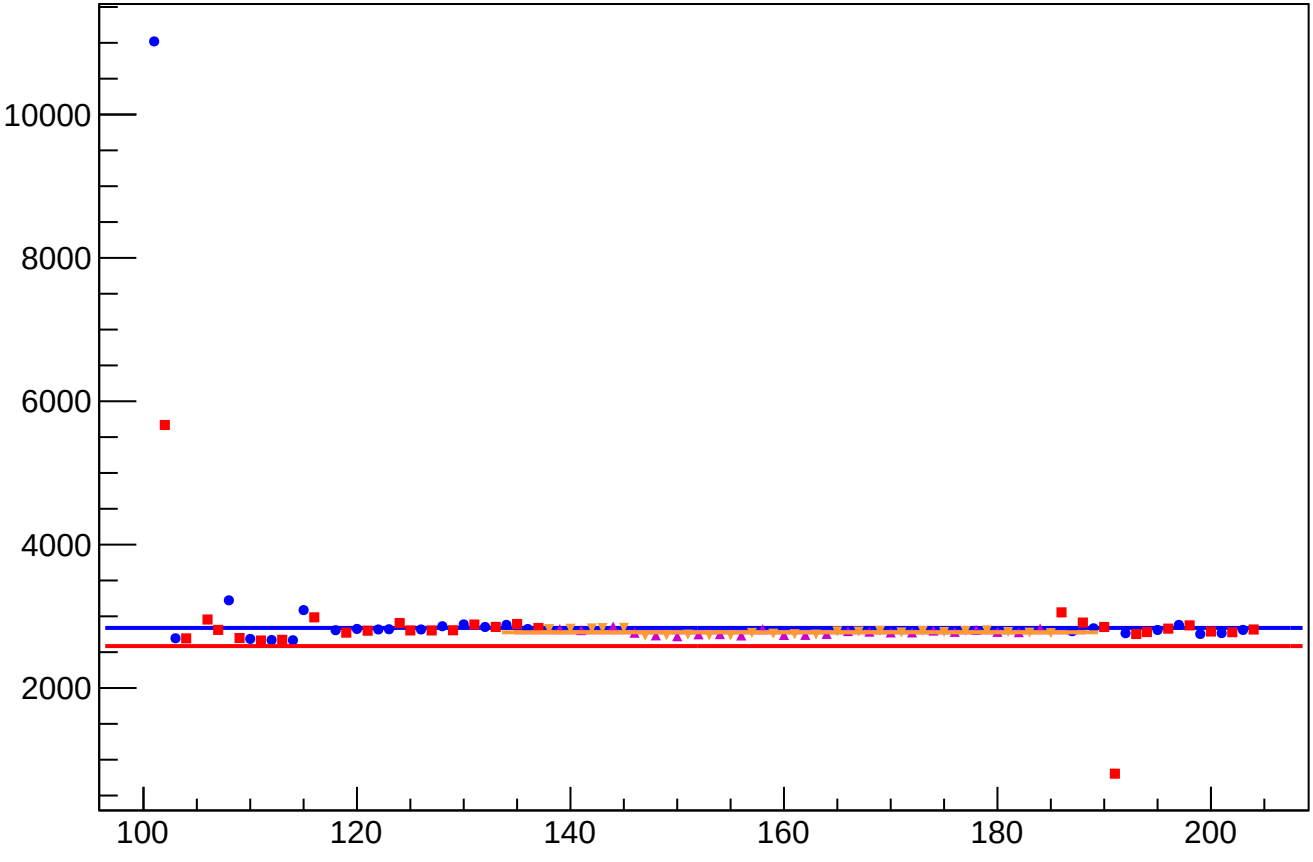
Right: 2282.649+/-540.842 χ^2/NDF: 37.3/53

In: 2459.537+/-519.275 χ^2/NDF:55.4/47

Out: 2583.078+/-478.715 χ^2/NDF:53.0/53

All: 2526.320+/-351.969 χ^2/NDF: 108.4/101

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2838.177+/-0.591 χ^2/NDF: 675440.0/24

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

Right Out: 2584.851+/-0.501 χ^2/NDF: 1989031.3/28

Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

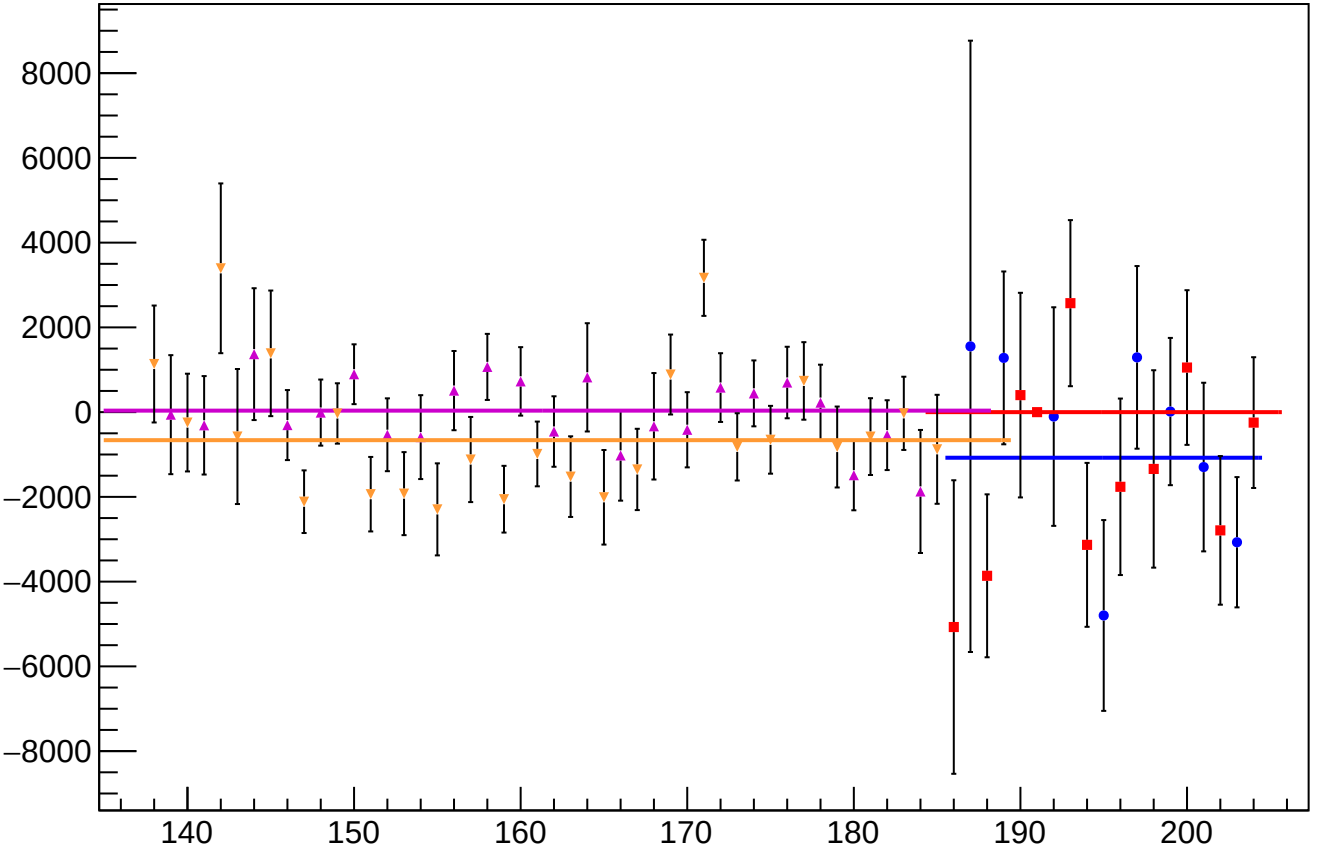
Right: 2690.849+/-0.382 χ^2/NDF: 2771246.7/53

In: 2800.815+/-0.367 χ^2/NDF:687429.9/47

Out: 2689.695+/-0.339 χ^2/NDF:2074580.2/53

All: 2740.746+/-0.249 χ^2/NDF: 2811518.1/10

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -1076.185+/-739.322 χ^2/NDF: 7.6/7

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

Right Out: -0.293+/-4.105 χ^2/NDF: 14.5/10

Left In: 35.366+/-190.553 χ^2/NDF:15.1/22

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

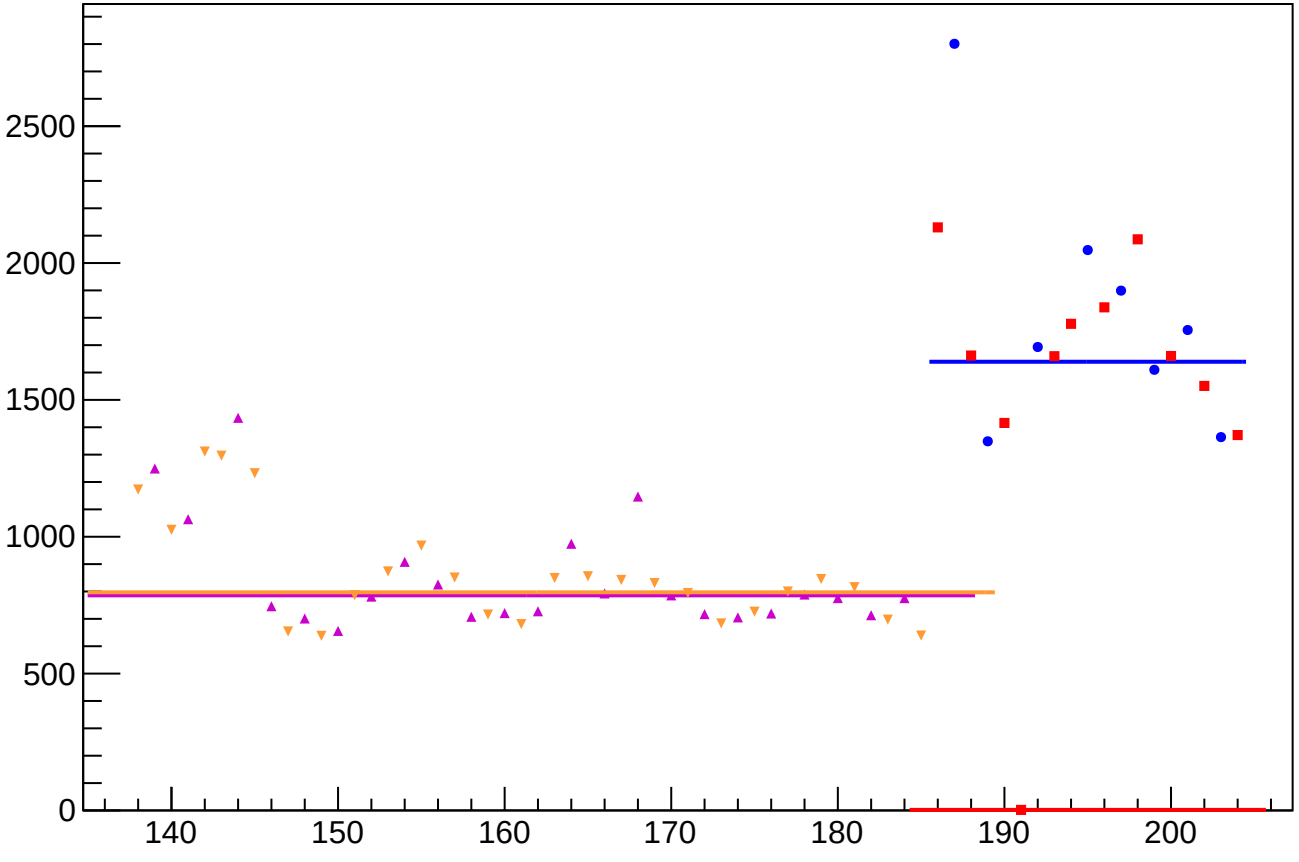
Right: -0.326+/-4.105 χ^2/NDF: 24.2/18

In: -33.875+/-184.523 χ^2/NDF:24.9/30

Out: -0.601+/-4.104 χ^2/NDF:75.3/35

All: -0.618+/-4.103 χ^2/NDF: 100.2/66

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1639.363+/-0.523 χ^2/NDF: 259659.8/7

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 2.107+/-0.003 χ^2/NDF: 13990932.5/10

Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

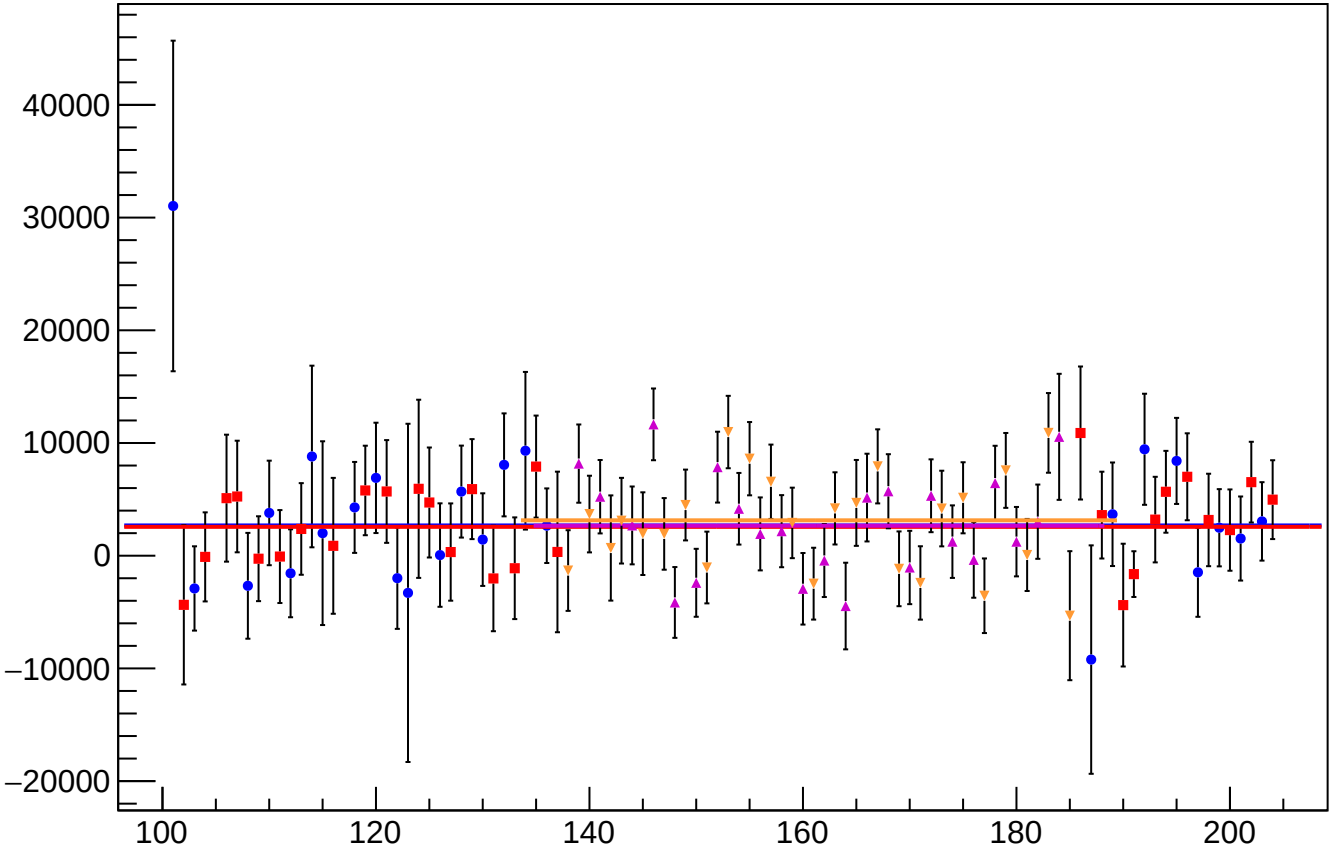
Right: 2.158+/-0.003 χ^2/NDF: 24058646.7/18

In: 839.090+/-0.130 χ^2/NDF:3884720.5/30

Out: 2.477+/-0.003 χ^2/NDF:50073087.7/35

All: 2.891+/-0.003 χ^2/NDF: 95050450.7/66

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2684.198+/-906.019 χ^2/NDF: 21.3/24

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: 2562.475+/-768.716 χ^2/NDF: 20.2/28

Left In: 2659.828+/-693.121 χ^2/NDF:36.9/22

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

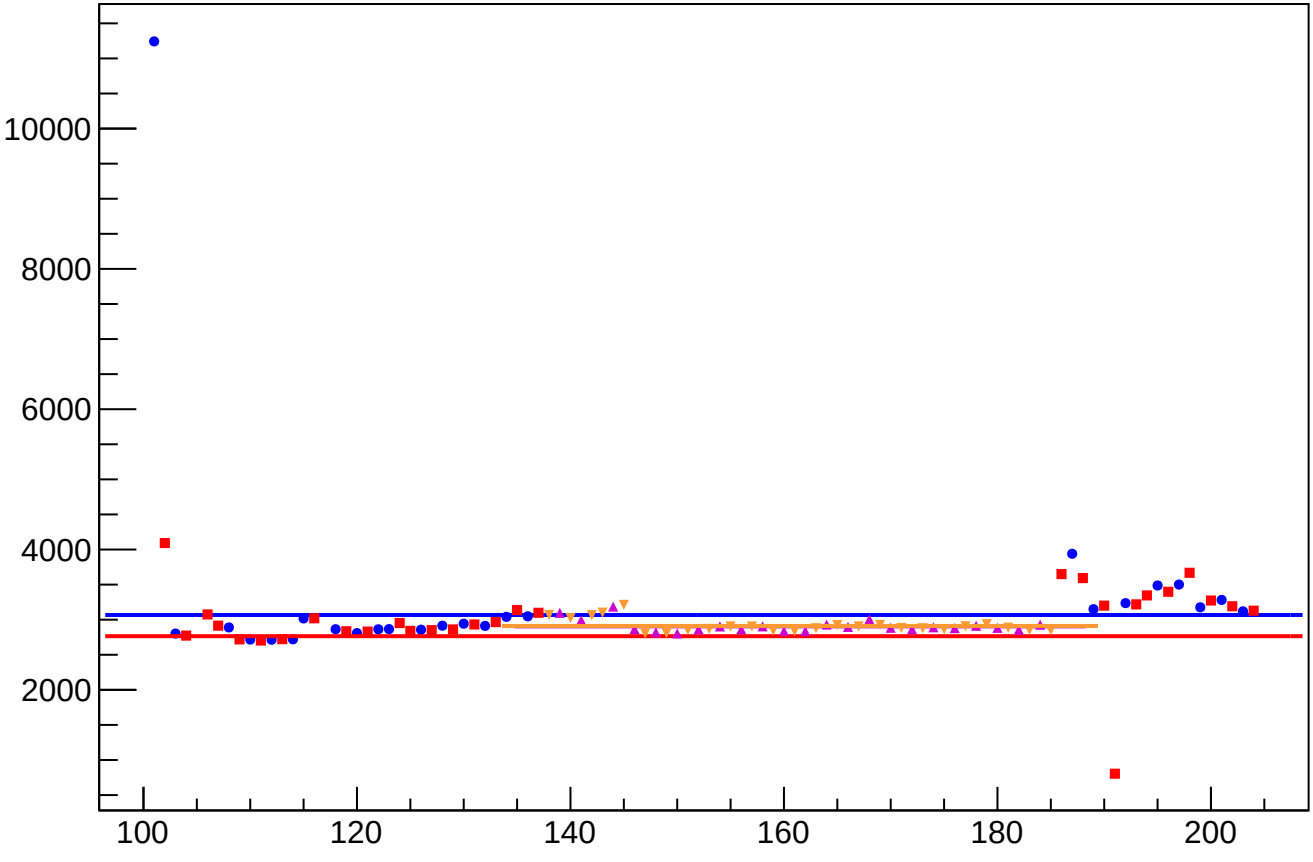
Right: 2613.424+/-586.162 χ^2/NDF: 41.5/53

In: 2668.825+/-550.503 χ^2/NDF:58.2/47

Out: 2886.018+/-509.417 χ^2/NDF:58.8/53

All: 2785.828+/-373.894 χ^2/NDF: 117.0/101

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3067.047+/-0.641 χ^2/NDF: 767525.7/24

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

Right Out: 2764.686+/-0.544 χ^2/NDF: 2449004.6/28

Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

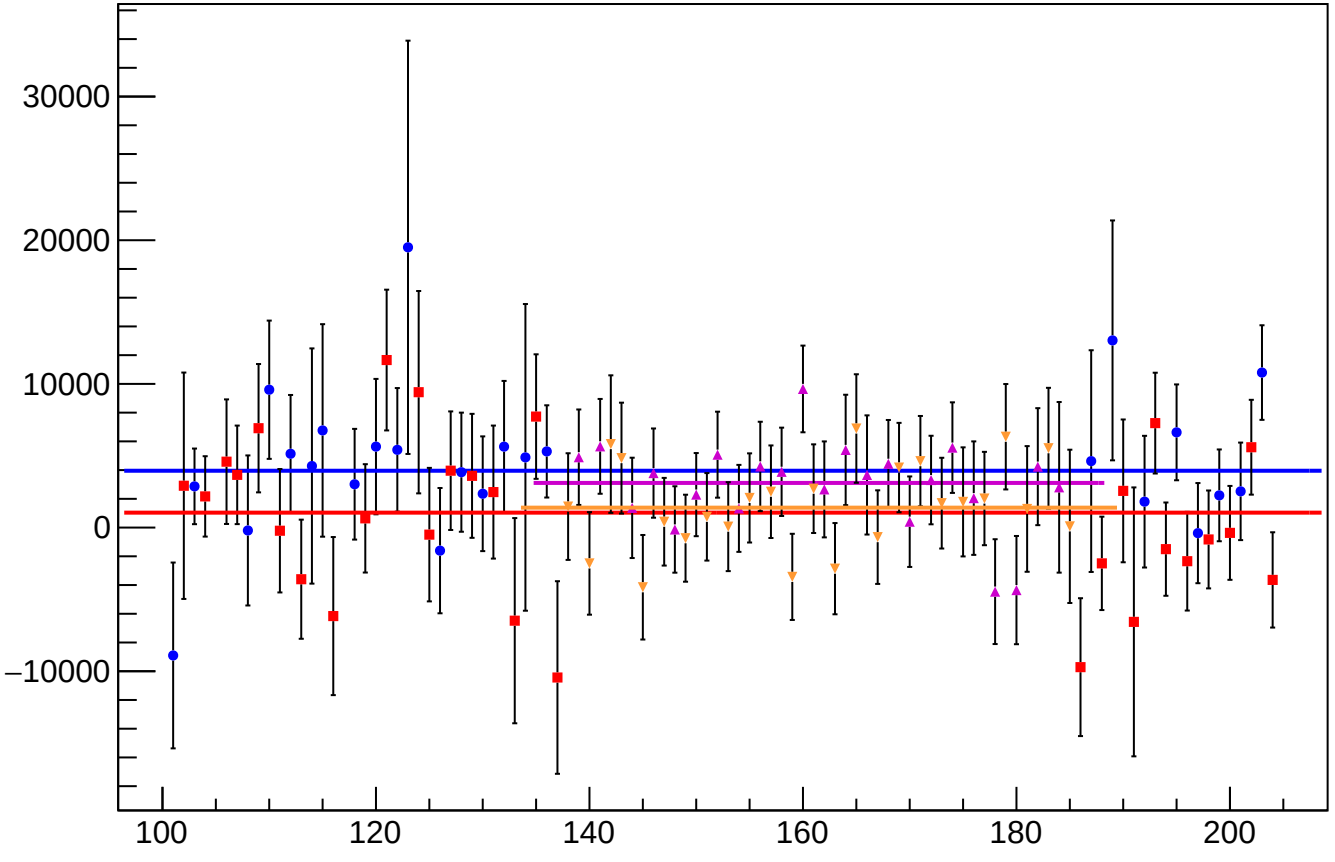
Right: 2891.243+/-0.414 χ^2/NDF: 3346041.7/53

In: 2964.509+/-0.389 χ^2/NDF:838557.4/47

Out: 2846.388+/-0.360 χ^2/NDF:2525367.5/53

All: 2900.877+/-0.264 χ^2/NDF: 3413529.0/10

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3955.261+/-855.166 χ^2/NDF: 18.3/24

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

Right Out: 1038.558+/-761.639 χ^2/NDF: 35.9/28

Left In: 3106.878+/-695.685 χ^2/NDF:18.4/22

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

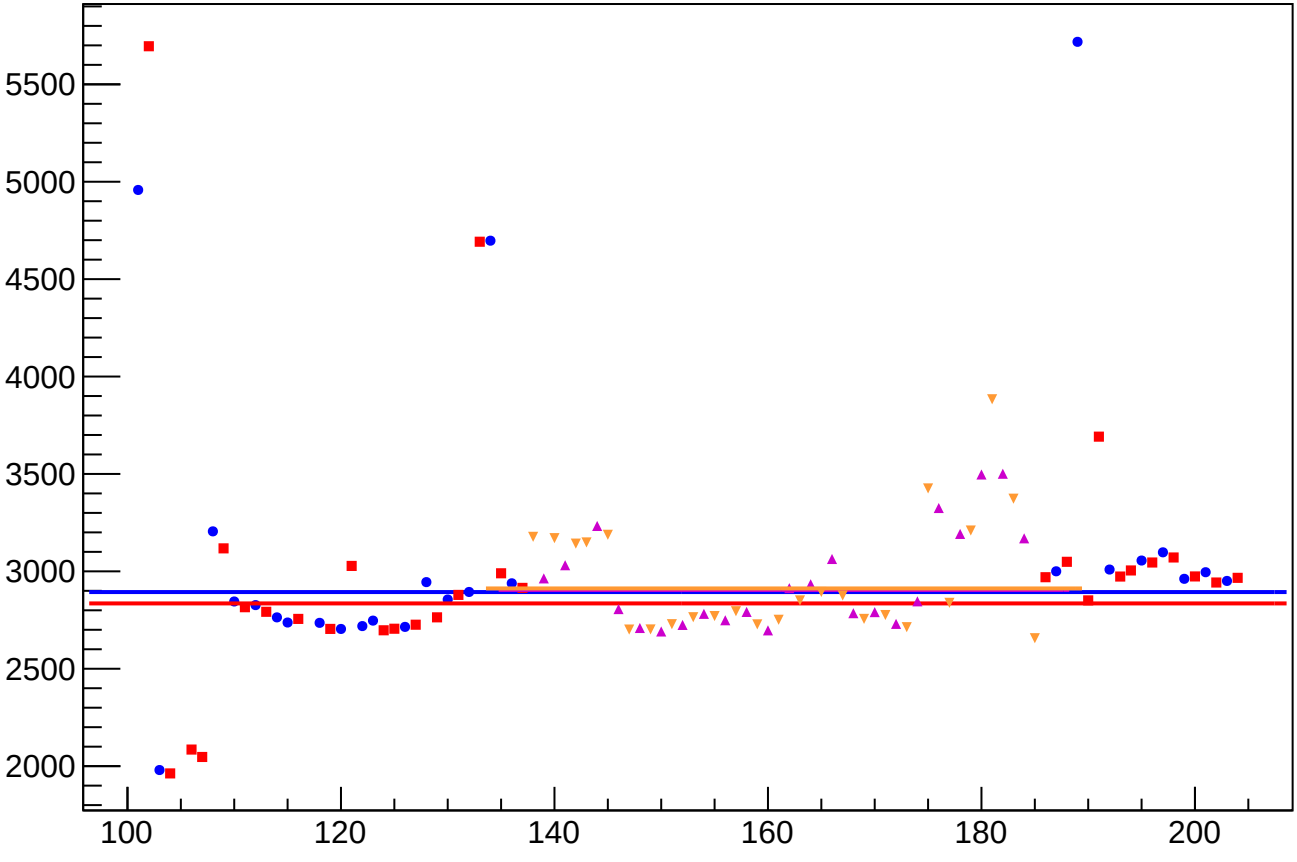
Right: 2328.750+/-568.763 χ^2/NDF: 60.7/53

In: 3444.739+/-539.664 χ^2/NDF:37.3/47

Out: 1230.875+/-509.169 χ^2/NDF:54.0/53

All: 2273.493+/-370.349 χ^2/NDF: 100.3/101

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2893.667+/-0.605 χ^2/NDF: 770936.8/24

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2835.354+/-0.538 χ^2/NDF: 842467.6/28

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

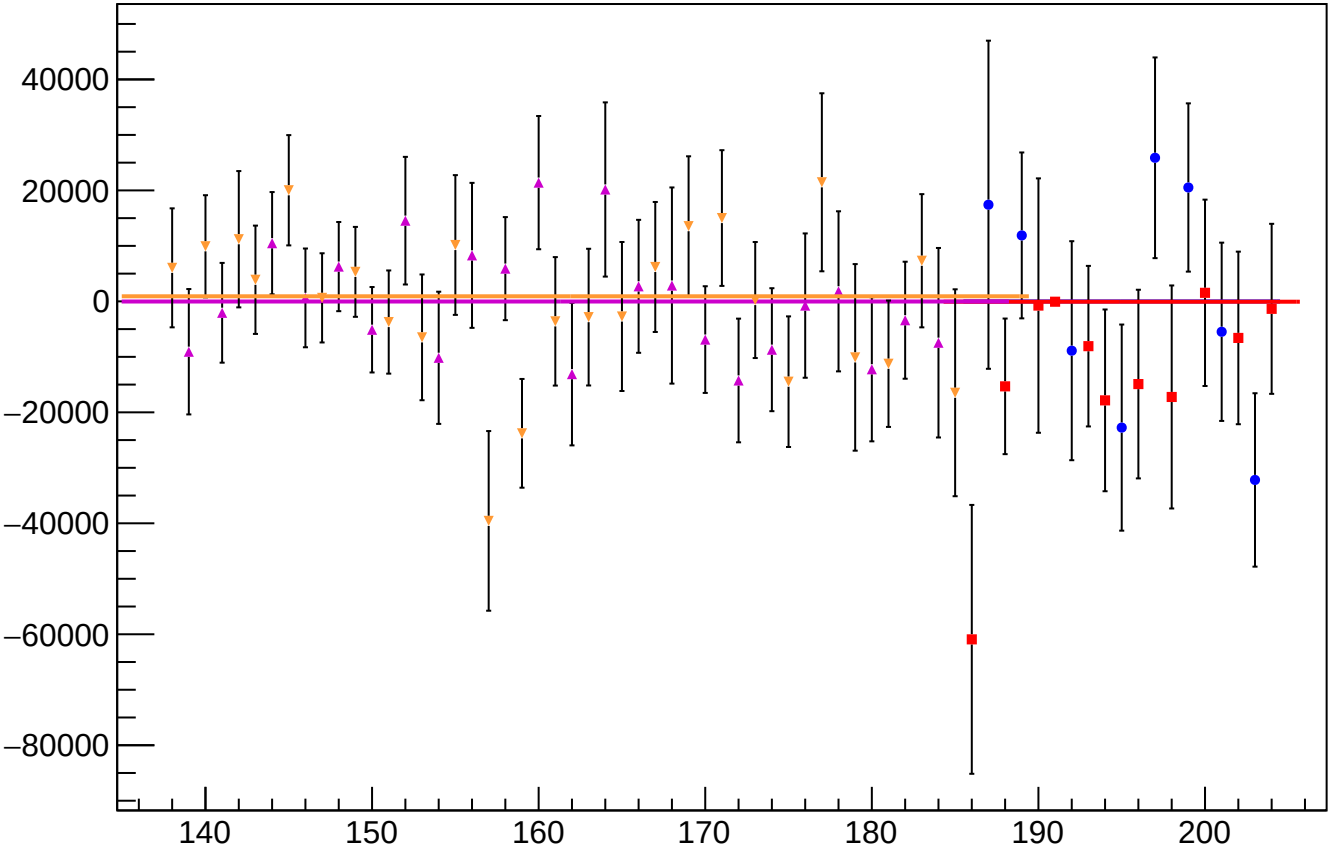
Right: 2861.143+/-0.402 χ^2/NDF: 1618591.0/53

In: 2900.169+/-0.382 χ^2/NDF:988707.8/47

Out: 2877.856+/-0.360 χ^2/NDF:1144642.0/53

All: 2888.363+/-0.262 χ^2/NDF: 2135158.9/10

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -12.215+/-6147.809 χ^2/NDF: 10.9/7

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -63.042+/-29.129 χ^2/NDF: 11.0/10

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

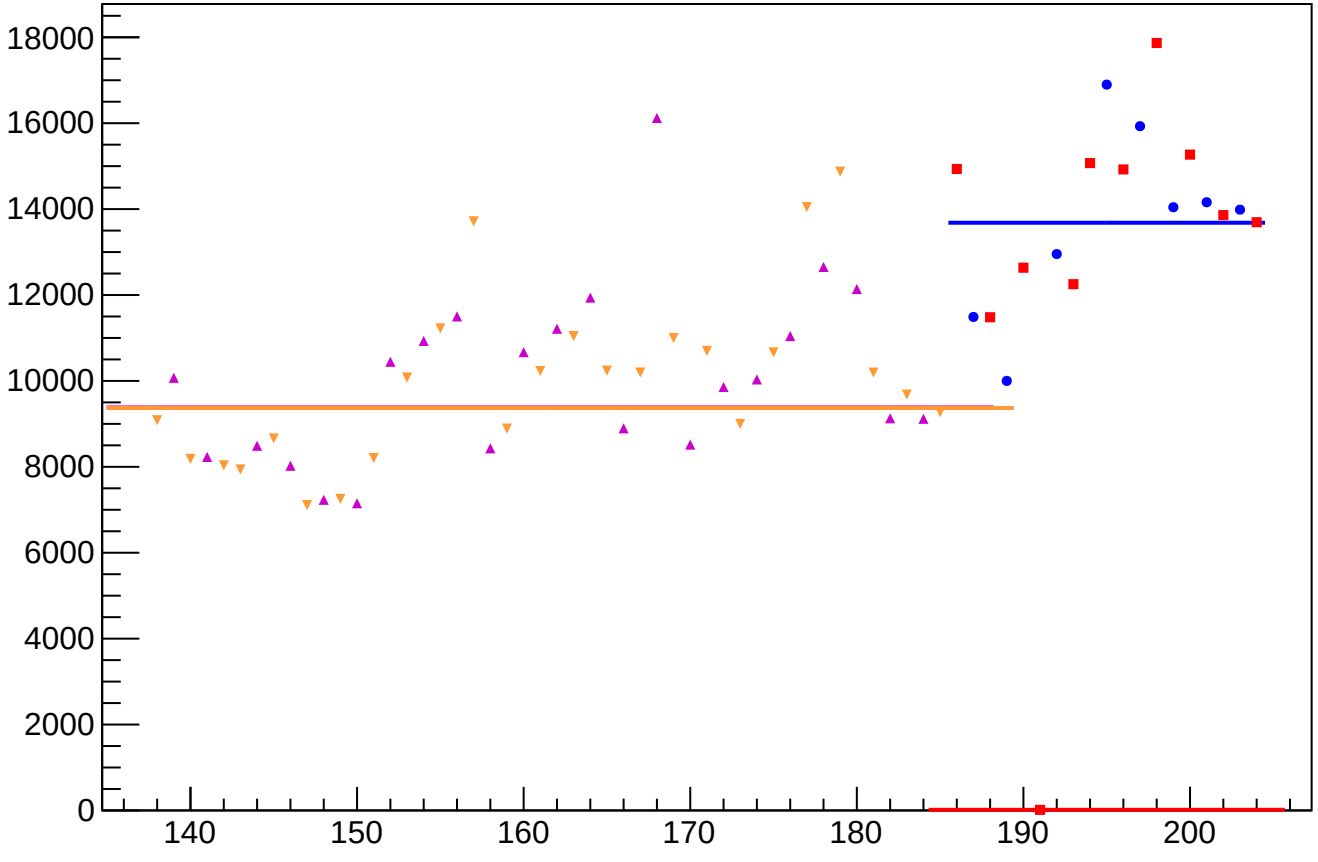
Right: -63.041+/-29.129 χ^2/NDF: 22.0/18

In: -24.094+/-2138.076 χ^2/NDF:27.0/30

Out: -62.876+/-29.126 χ^2/NDF:40.0/35

All: -62.869+/-29.124 χ^2/NDF: 67.0/66

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 13682.569+/-4.347 χ^2/NDF: 229535.4/7

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.868+/-0.021 χ^2/NDF: 14191773.9/10

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

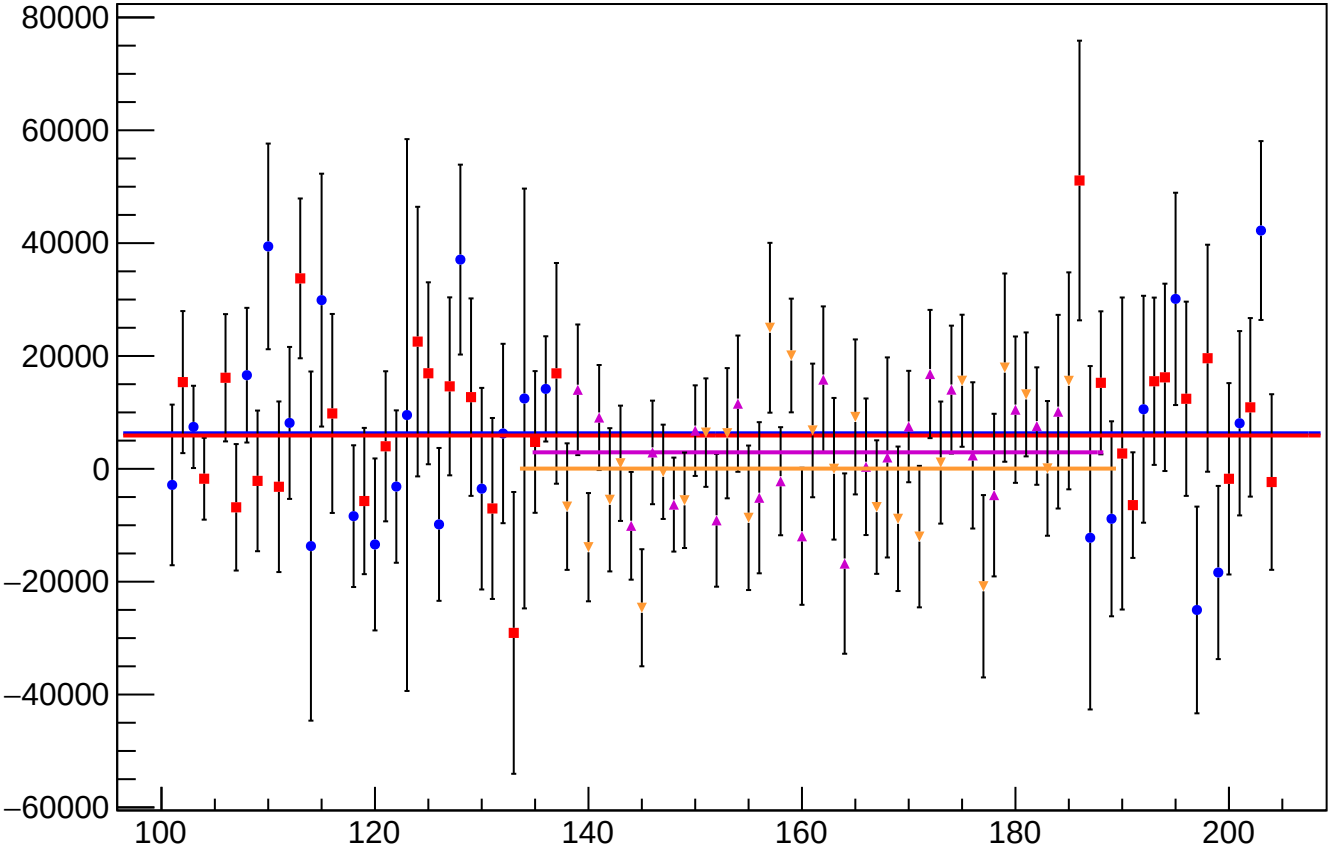
Right: 15.174+/-0.021 χ^2/NDF: 24306169.6/18

In: 9902.793+/-1.512 χ^2/NDF:2295202.9/30

Out: 16.451+/-0.021 χ^2/NDF:50284855.9/35

All: 18.285+/-0.021 χ^2/NDF: 95333830.2/66

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6295.043+/-2990.141 χ^2/NDF: 28.8/24

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 5907.429+/-2623.402 χ^2/NDF: 21.3/28

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

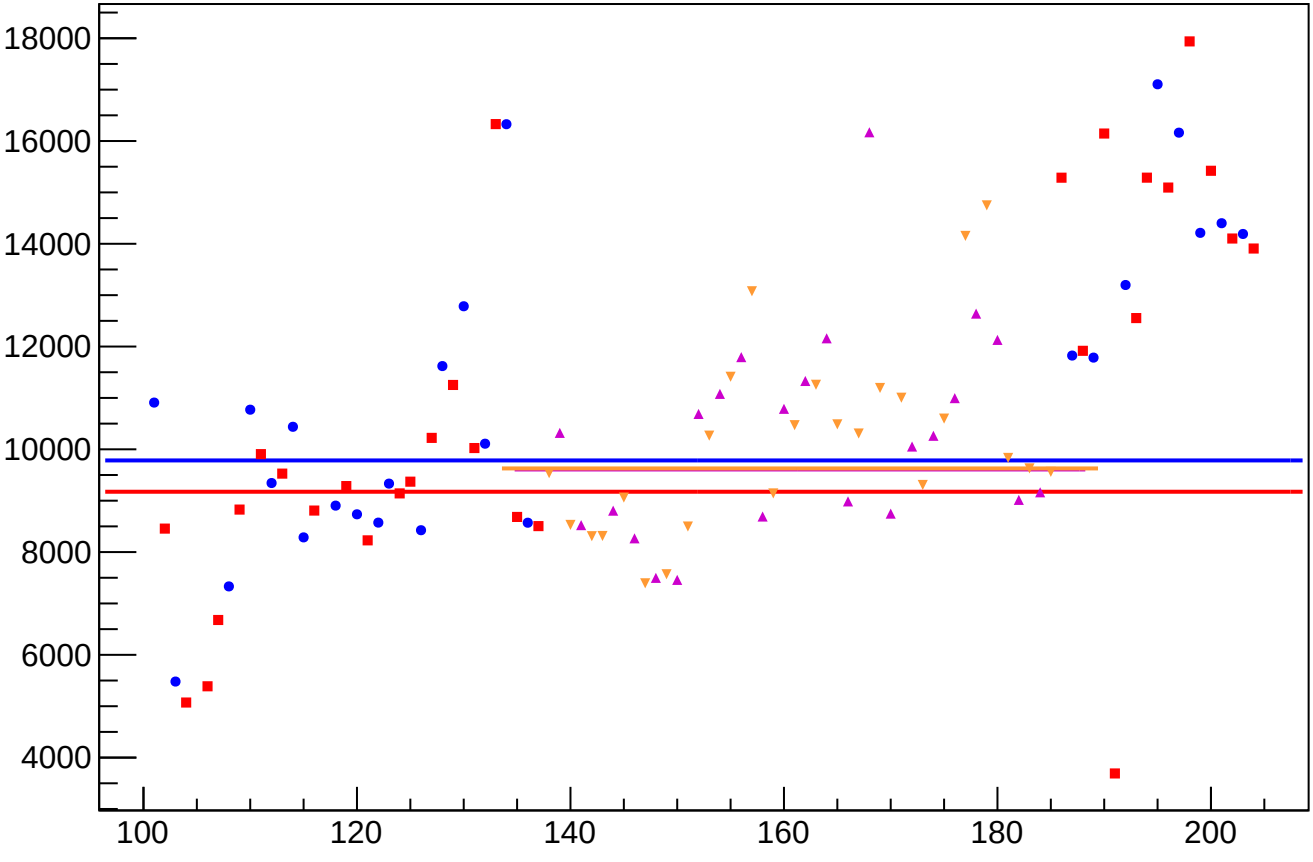
Right: 6076.021+/-1972.012 χ^2/NDF: 50.1/53

In: 4198.926+/-1838.187 χ^2/NDF:44.2/47

Out: 2580.344+/-1725.555 χ^2/NDF:50.0/53

All: 3338.531+/-1258.086 χ^2/NDF: 94.6/101

asym_atr2_rms vs Slug, Sign Corrected



Right In: 9783.627+/-2.114 χ^2/NDF: 2163586.5/24

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 9174.238+/-1.855 χ^2/NDF: 3873090.4/28

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

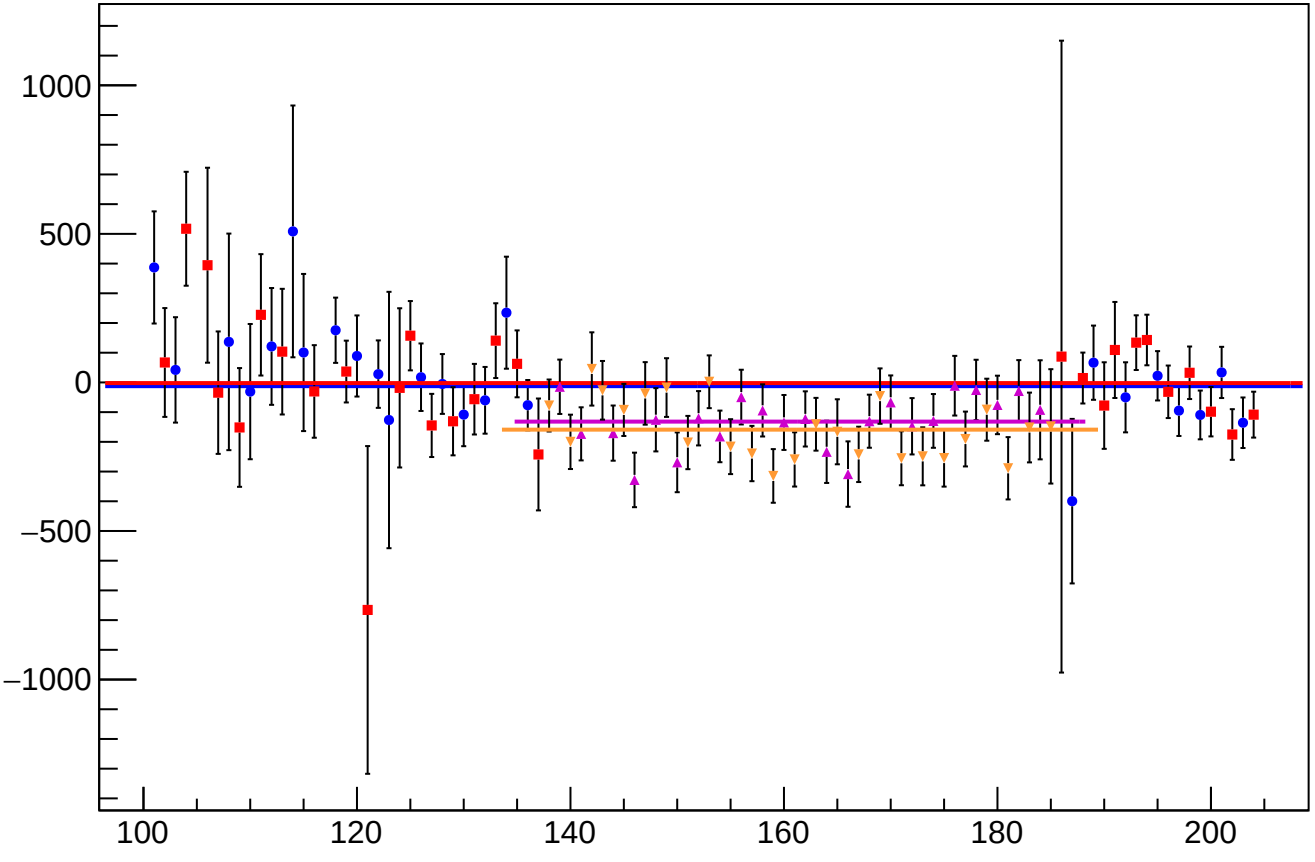
Right: 9439.280+/-1.394 χ^2/NDF: 6083616.3/53

In: 9674.094+/-1.300 χ^2/NDF:3253366.2/47

Out: 9431.577+/-1.220 χ^2/NDF:4911655.1/53

All: 9545.177+/-0.890 χ^2/NDF: 8183527.0/10

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: -12.590+/-24.136 χ^2/NDF: 21.3/24

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: -2.190+/-22.499 χ^2/NDF: 35.0/28

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

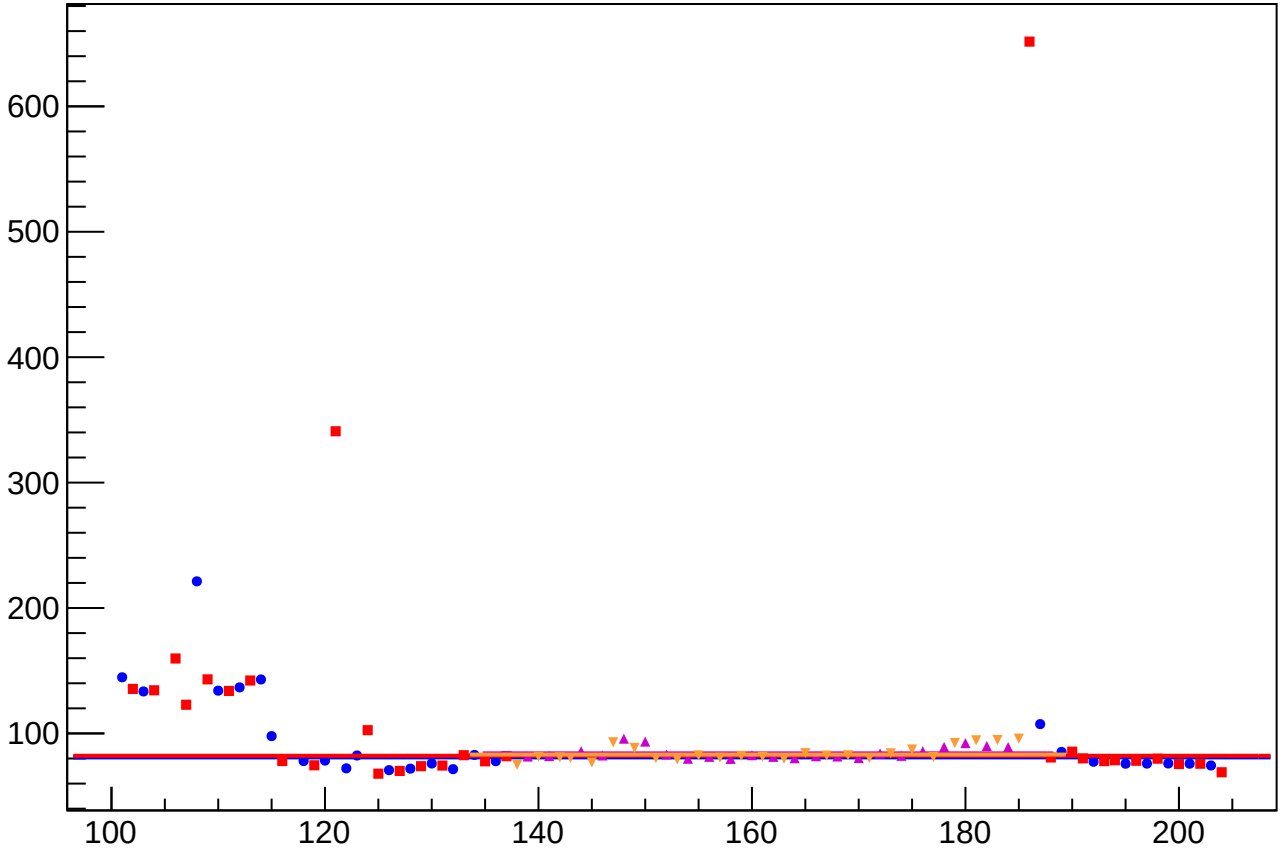
Right: -7.026+/-16.457 χ^2/NDF: 56.4/53

In: -83.096+/-15.434 χ^2/NDF:53.5/47

Out: -91.889+/-14.715 χ^2/NDF:88.6/53

All: -87.702+/-10.650 χ^2/NDF: 142.2/101

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.891+/-0.017 χ^2/NDF: 1151842.6/24

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 82.179+/-0.016 χ^2/NDF: 2194818.6/28

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

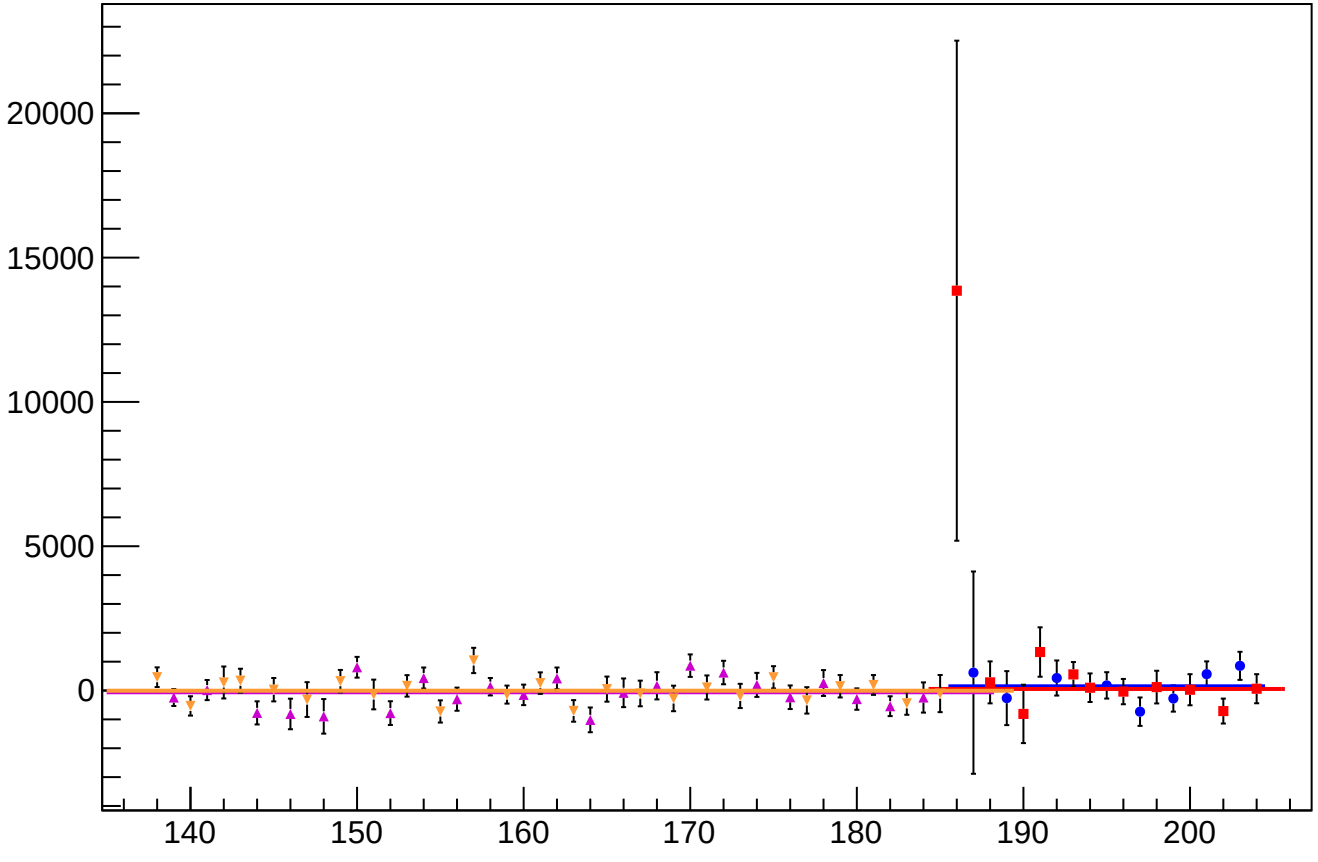
Right: 81.580+/-0.012 χ^2/NDF: 3349706.2/53

In: 82.793+/-0.011 χ^2/NDF:1269782.5/47

Out: 82.721+/-0.010 χ^2/NDF:2335590.4/53

All: 82.755+/-0.008 χ^2/NDF: 3605395.6/101

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 145.741+/-192.370 χ^2/NDF: 7.5/7

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 54.475+/-169.409 χ^2/NDF: 10.2/10

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

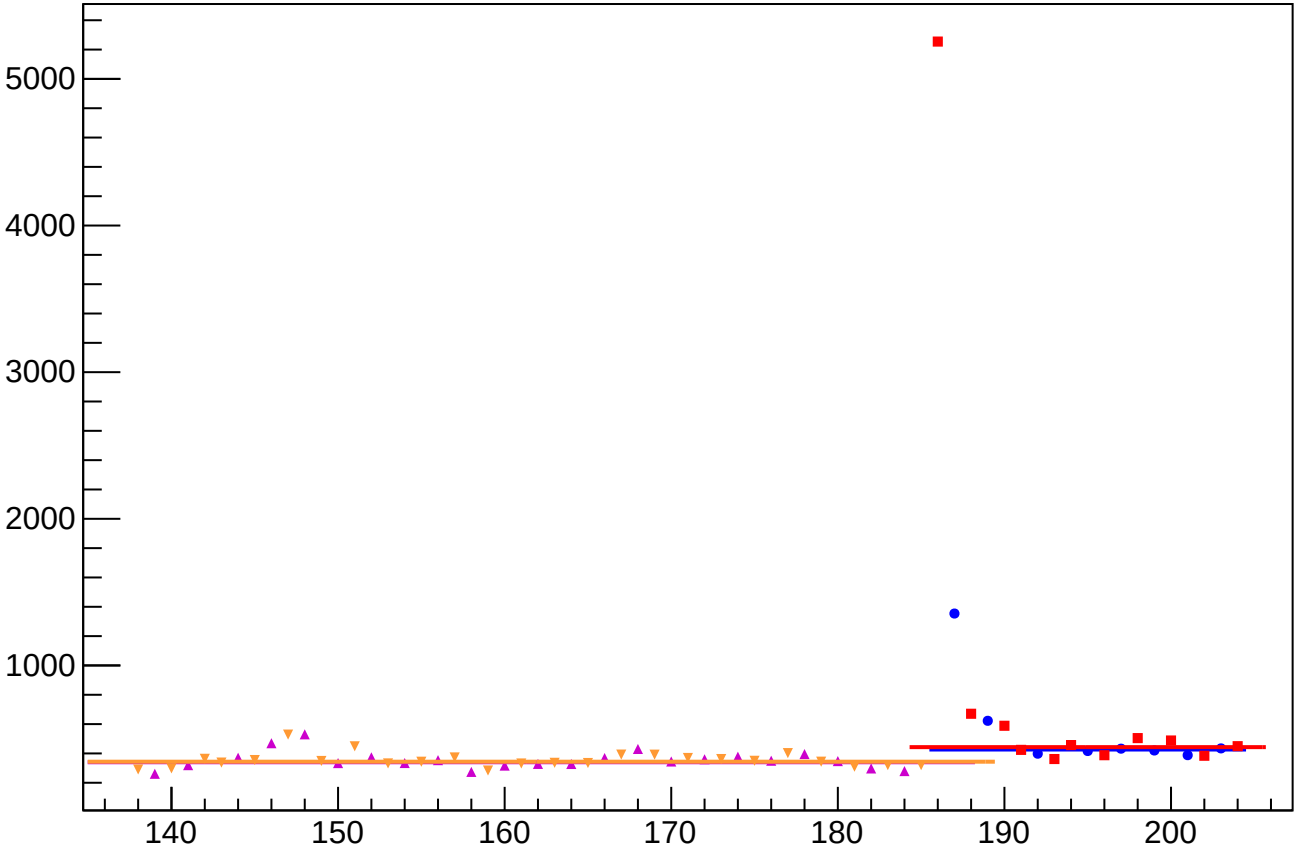
Right: 94.339+/-127.137 χ^2/NDF: 17.9/18

In: -28.311+/-75.469 χ^2/NDF:46.5/30

Out: 4.774+/-73.178 χ^2/NDF:34.7/35

All: -11.259+/-52.536 χ^2/NDF: 81.3/66

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 426.707+/-0.136 χ^2/NDF: 249464.5/7

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 442.916+/-0.120 χ^2/NDF: 1035395.3/10

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

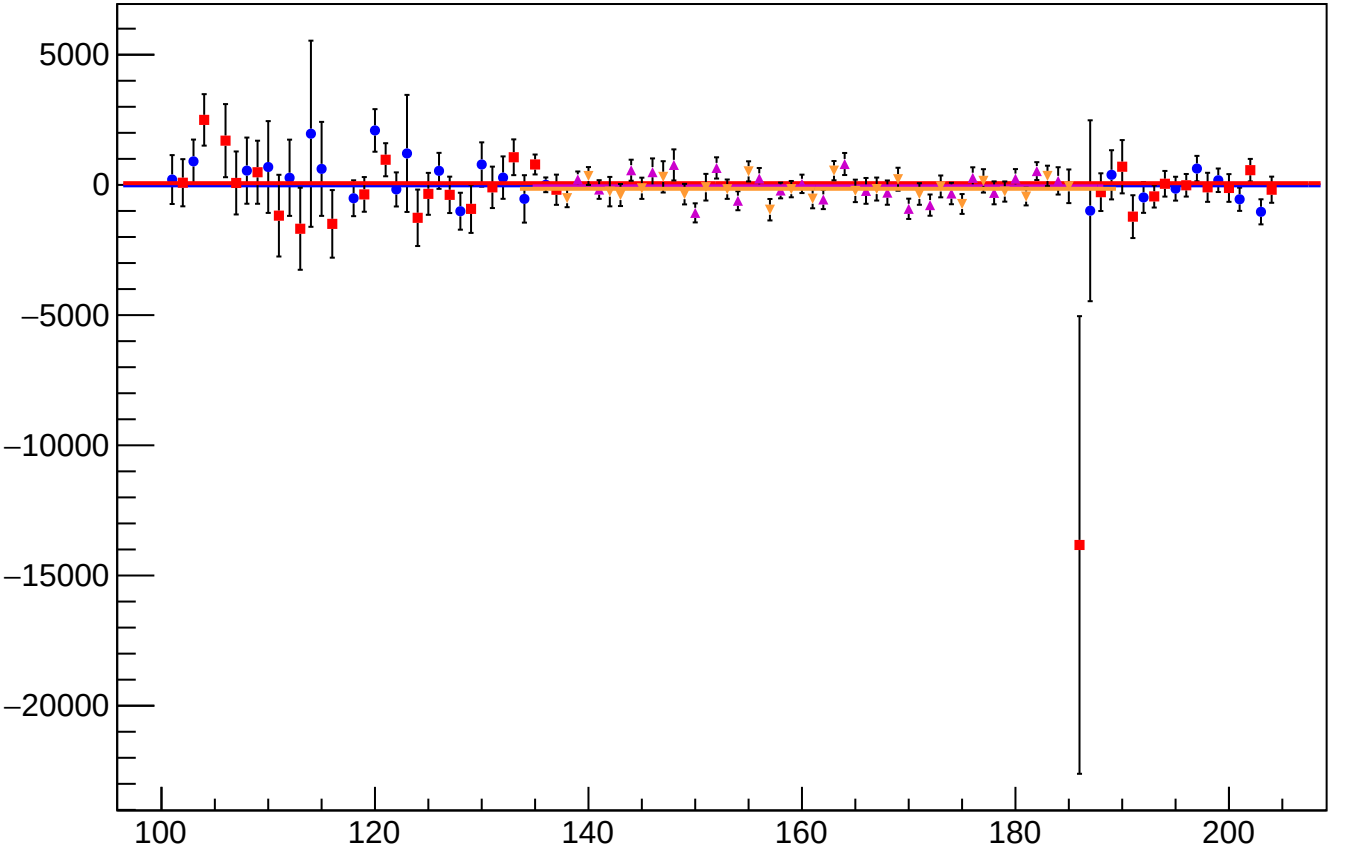
Right: 435.836+/-0.090 χ^2/NDF: 1292856.9/18

In: 353.179+/-0.053 χ^2/NDF:1394549.2/30

Out: 362.147+/-0.052 χ^2/NDF:2165376.4/35

All: 357.801+/-0.037 χ^2/NDF: 3574483.8/66

asym_sam1_mean vs Slug, Sign Corrected



Right In: -16.348+/-130.862 χ^2/NDF: 22.4/24

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 66.654+/-124.358 χ^2/NDF: 31.2/28

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

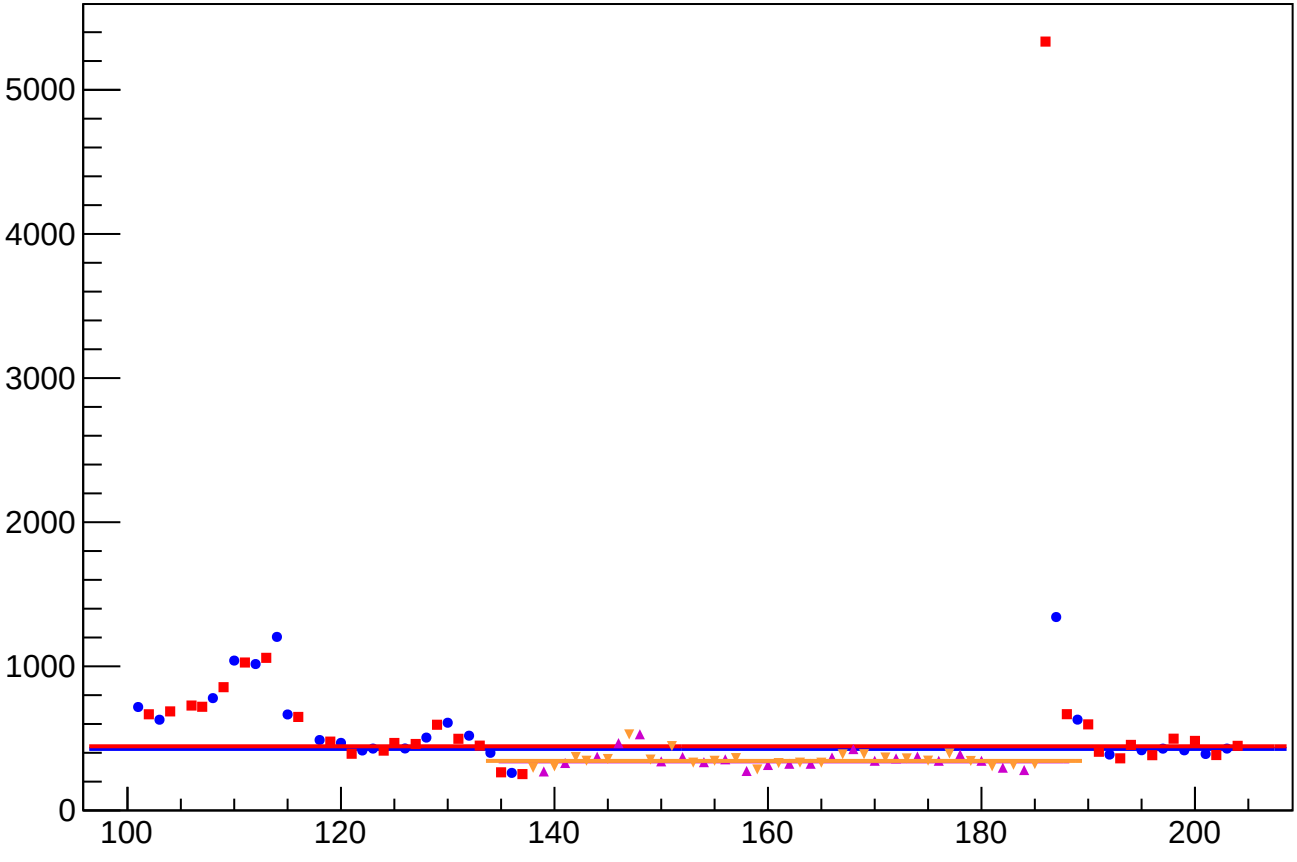
Right: 27.267+/-90.146 χ^2/NDF: 53.8/53

In: -45.078+/-69.580 χ^2/NDF:62.1/47

Out: -84.609+/-67.882 χ^2/NDF:55.3/53

All: -65.332+/-48.589 χ^2/NDF: 117.6/101

asym_sam1_rms vs Slug, Sign Corrected



Right In: 426.968+/-0.093 χ^2/NDF: 2266949.2/24

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 445.287+/-0.088 χ^2/NDF: 3071797.9/28

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

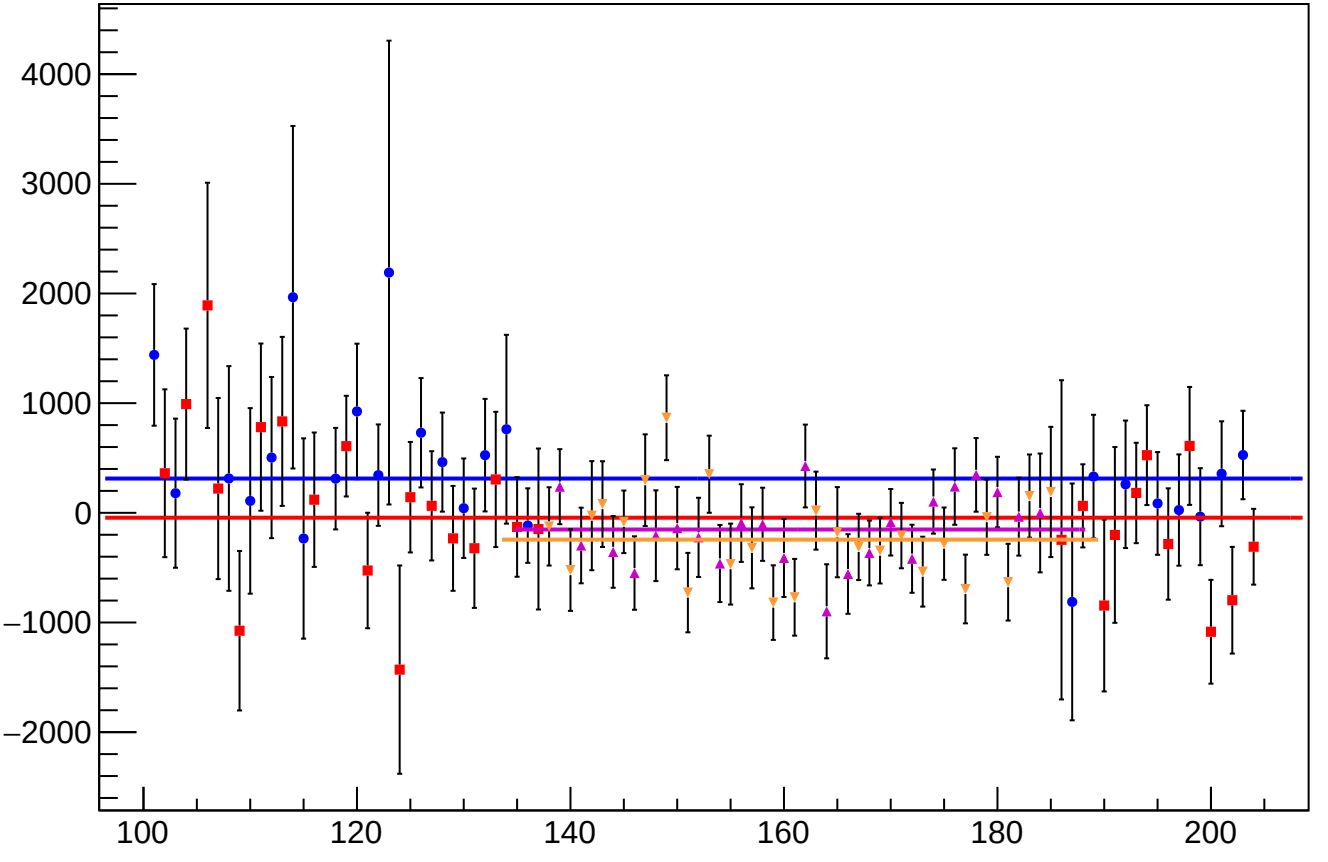
Right: 436.594+/-0.064 χ^2/NDF: 5359341.6/53

In: 364.959+/-0.049 χ^2/NDF:3630054.8/47

Out: 374.013+/-0.048 χ^2/NDF:4546845.9/53

All: 369.598+/-0.034 χ^2/NDF: 8194249.4/101

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 312.518+/-110.976 χ^2/NDF: 12.2/24

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: -44.537+/-103.592 χ^2/NDF: 28.7/28

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

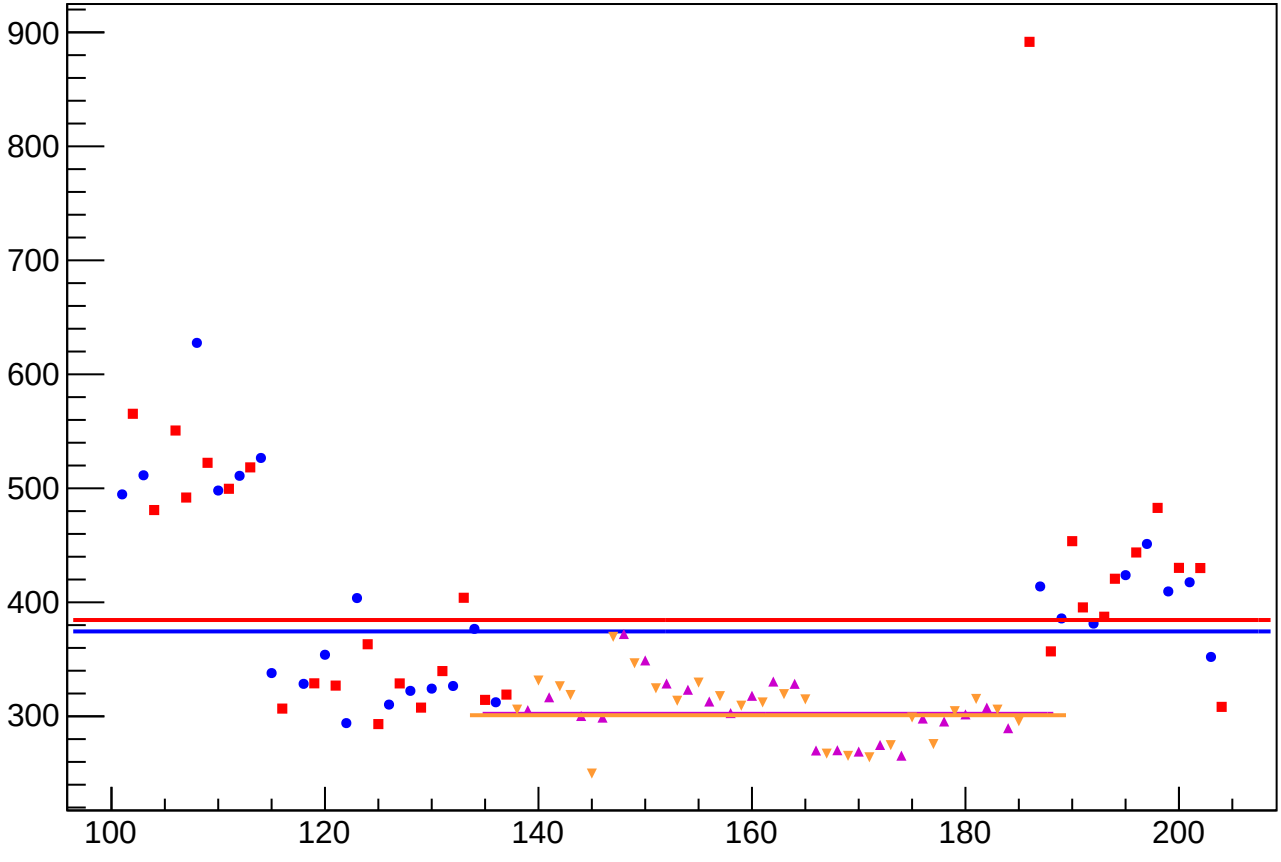
Right: 121.718+/-75.726 χ^2/NDF: 46.4/53

In: -13.576+/-60.585 χ^2/NDF:42.7/47

Out: -181.008+/-58.360 χ^2/NDF:60.1/53

All: -100.422+/-42.031 χ^2/NDF: 106.8/101

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 374.471+/-0.078 χ^2/NDF: 764701.5/24

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 384.477+/-0.073 χ^2/NDF: 1224484.2/28

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

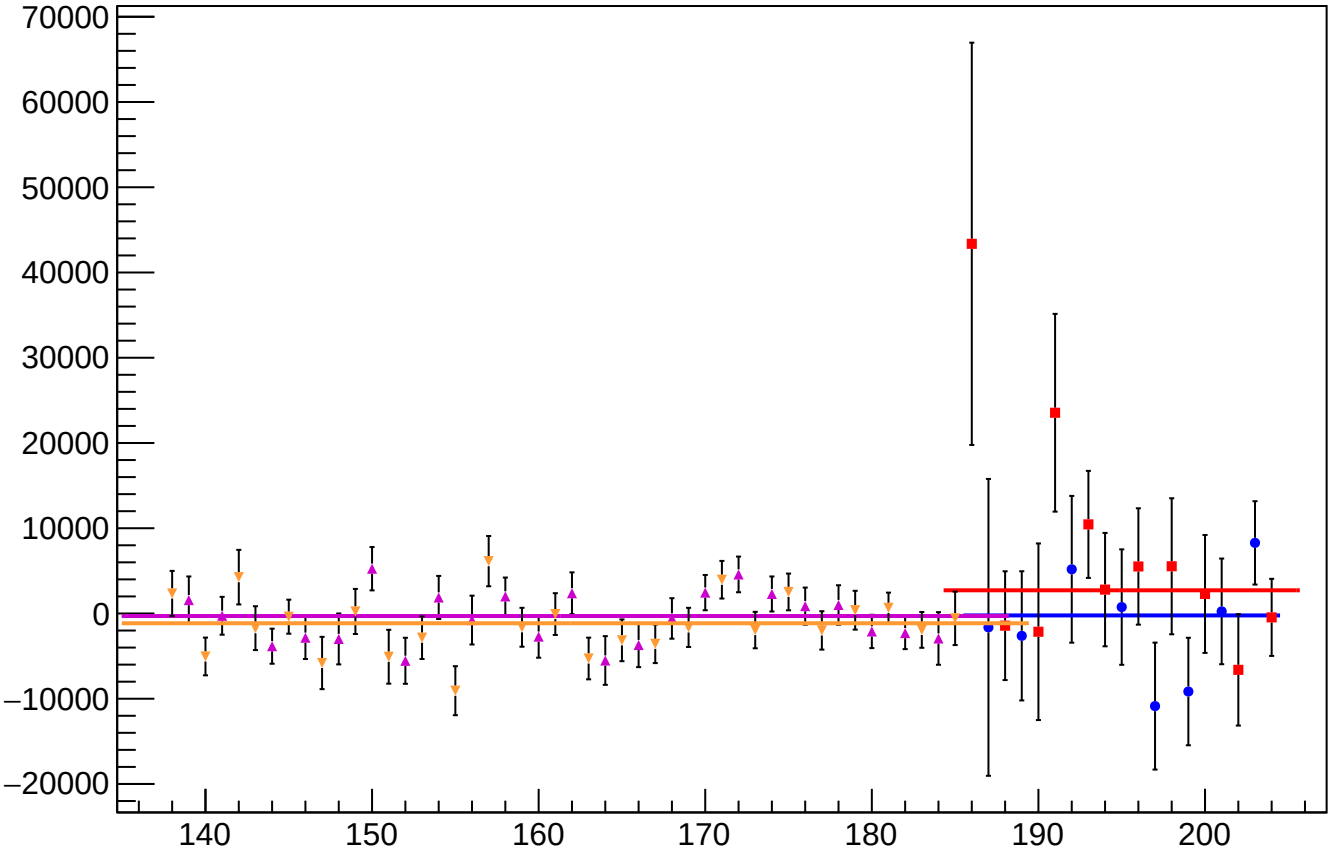
Right: 379.818+/-0.054 χ^2/NDF: 1997874.8/53

In: 323.725+/-0.043 χ^2/NDF:1607907.2/47

Out: 327.467+/-0.041 χ^2/NDF:2434046.6/53

All: 325.666+/-0.030 χ^2/NDF: 4045911.0/101

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -227.522+/-2446.610 χ^2/NDF: 7.6/7

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 2719.793+/-2124.857 χ^2/NDF: 11.2/10

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

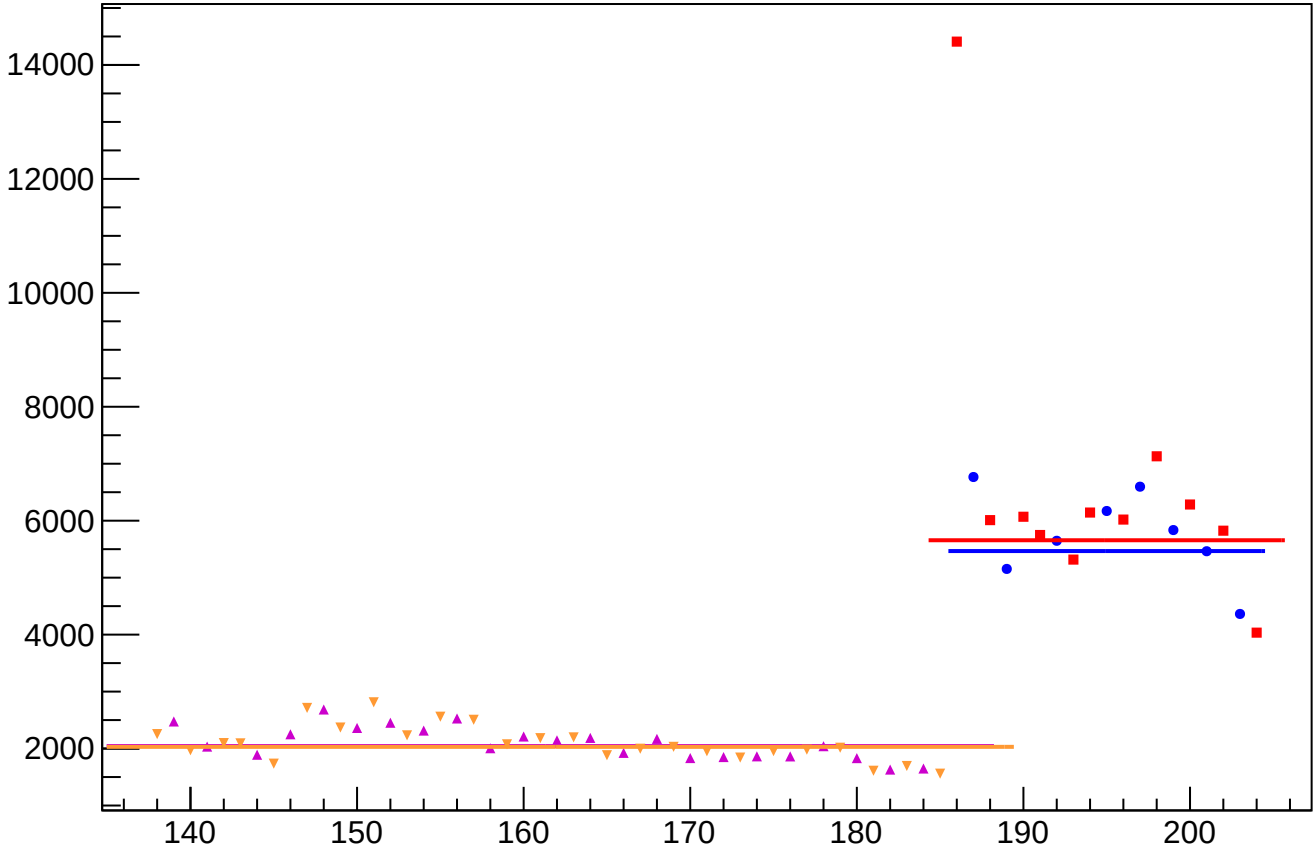
Right: 1452.553+/-1604.283 χ^2/NDF: 19.6/18

In: -296.146+/-481.850 χ^2/NDF:42.6/30

Out: -958.788+/-468.157 χ^2/NDF:55.6/35

All: -637.017+/-335.773 χ^2/NDF: 99.2/66

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5466.937+/-1.730 χ^2/NDF: 191857.7/7

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 5656.617+/-1.503 χ^2/NDF: 650165.9/10

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

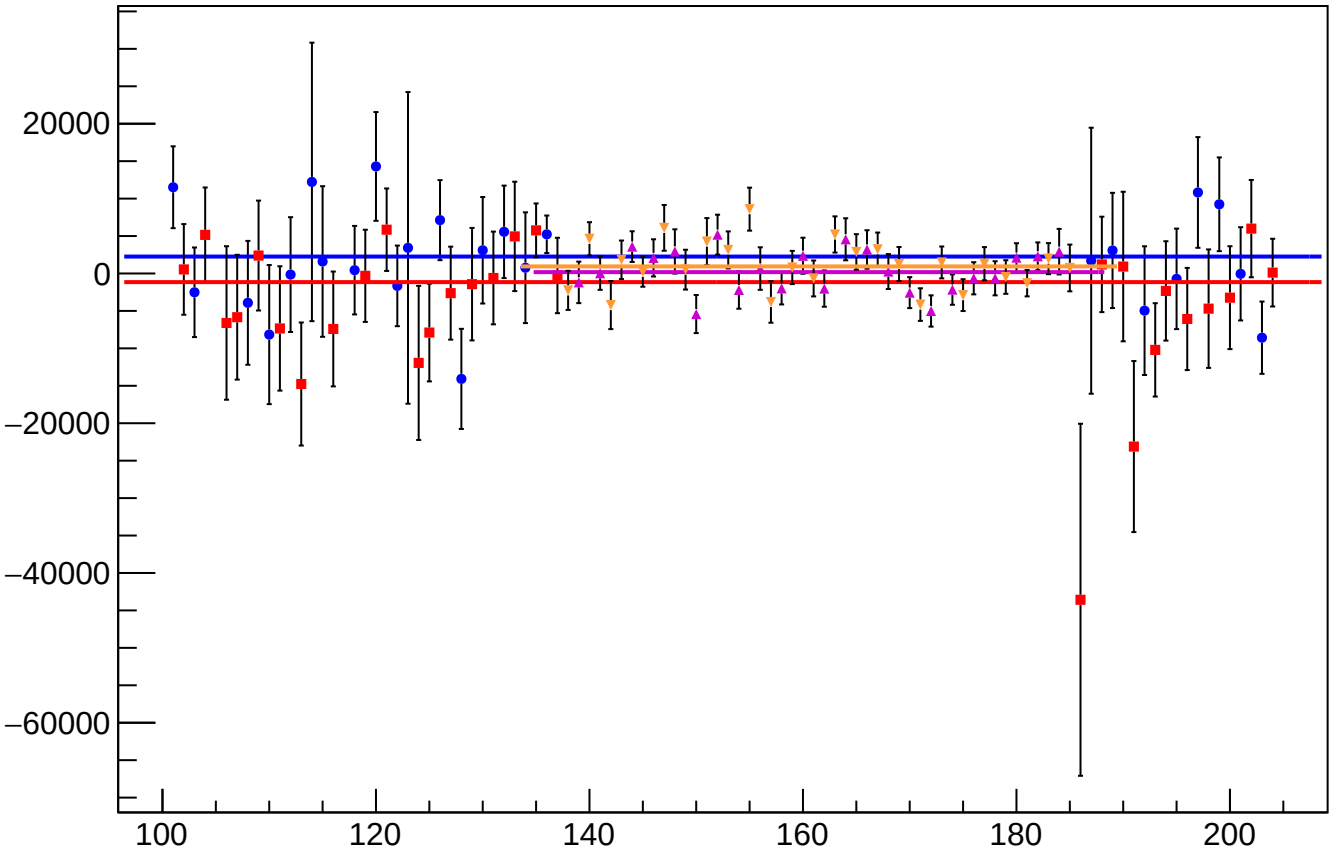
Right: 5575.061+/-1.134 χ^2/NDF: 848876.1/18

In: 2176.822+/-0.341 χ^2/NDF:4525126.7/30

Out: 2206.216+/-0.331 χ^2/NDF:6895375.0/35

All: 2191.942+/-0.237 χ^2/NDF: 11424330.3/6

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2260.079+/-1240.148 χ^2/NDF: 26.3/24

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -1154.616+/-1228.752 χ^2/NDF: 25.5/28

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

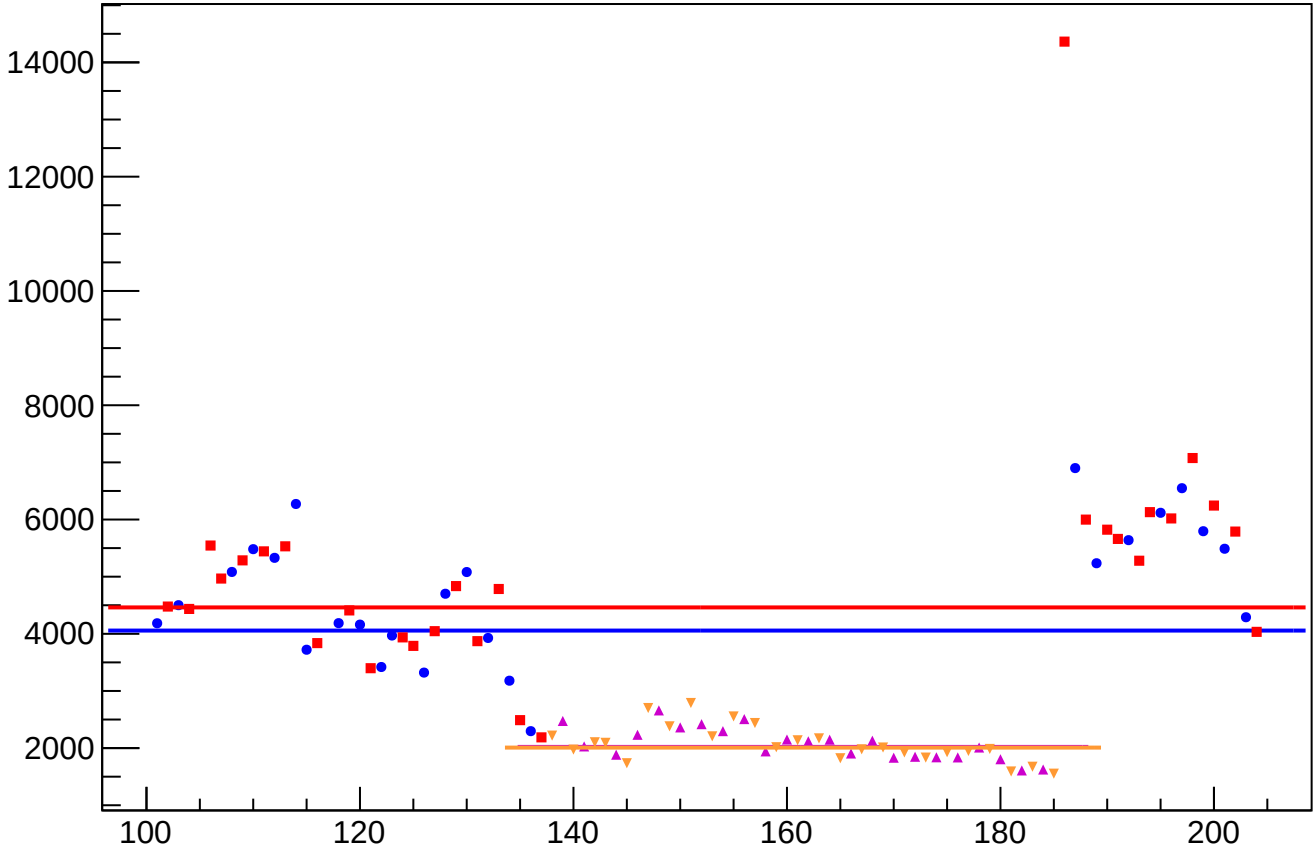
Right: 536.970+/-872.860 χ^2/NDF: 55.7/53

In: 457.109+/-452.584 χ^2/NDF:61.6/47

Out: 670.655+/-442.593 χ^2/NDF:66.3/53

All: 566.265+/-316.434 χ^2/NDF: 128.1/101

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4056.857+/-0.877 χ^2/NDF: 2160322.2/24

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4462.052+/-0.869 χ^2/NDF: 2526191.5/28

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

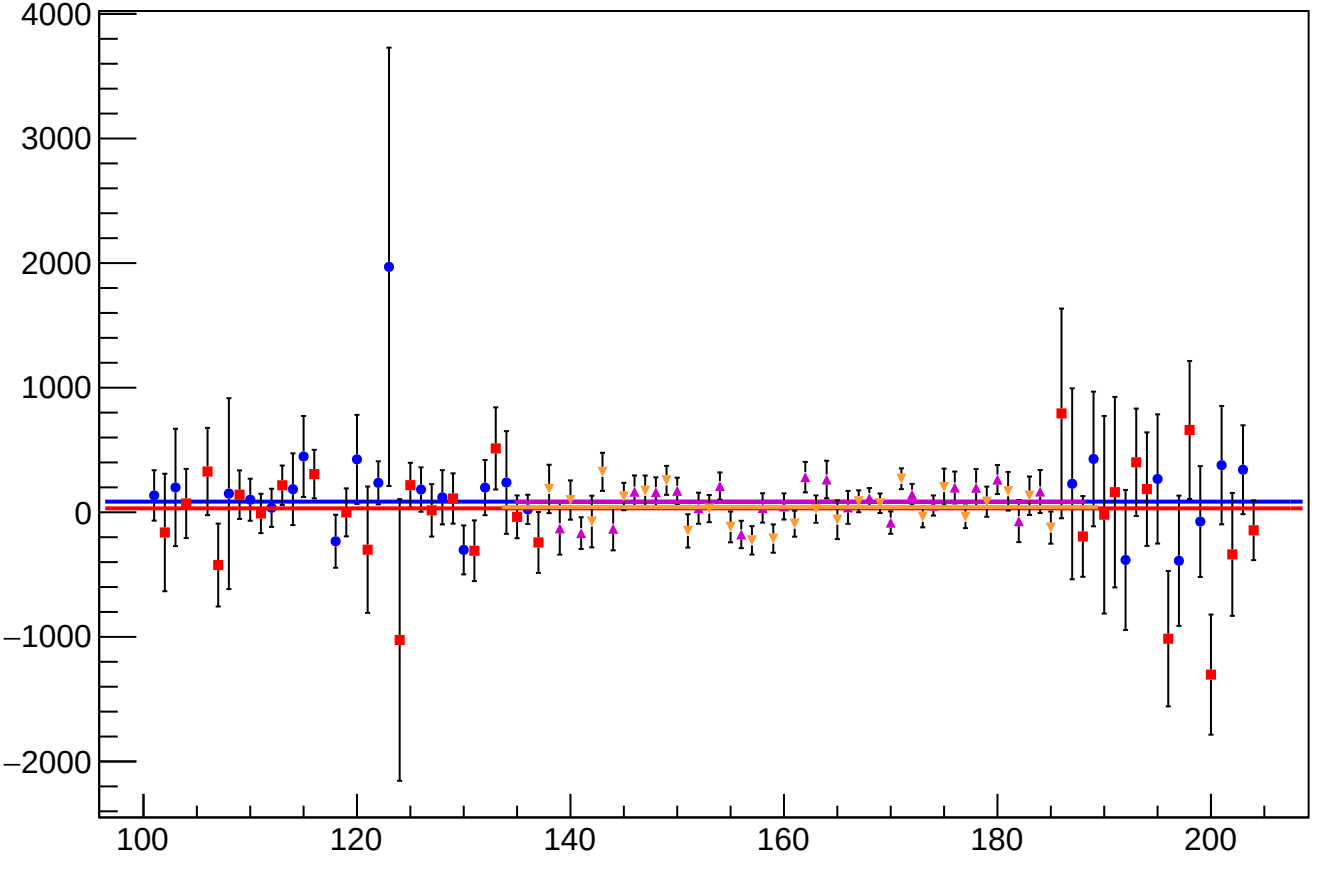
Right: 4261.325+/-0.617 χ^2/NDF: 4794252.3/53

In: 2292.046+/-0.320 χ^2/NDF:7409220.5/47

Out: 2327.174+/-0.313 χ^2/NDF:10172894.6/53

All: 2310.002+/-0.224 χ^2/NDF: 17588274.2/1

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 85.559+/-49.742 χ^2/NDF: 14.6/24

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 31.507+/-49.346 χ^2/NDF: 30.5/28

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

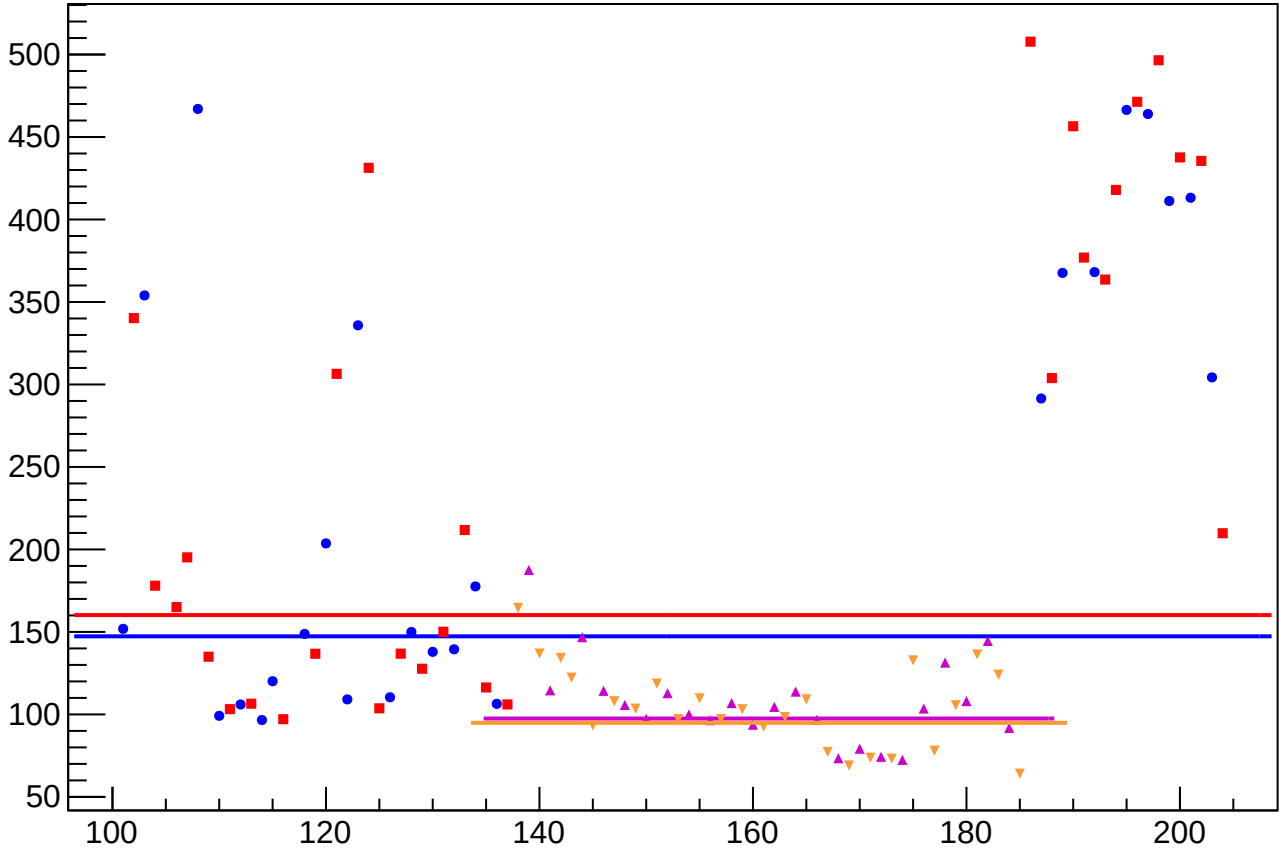
Right: 58.317+/-35.032 χ^2/NDF: 45.7/53

In: 83.189+/-21.728 χ^2/NDF:43.2/47

Out: 39.997+/-20.873 χ^2/NDF:69.7/53

All: 60.727+/-15.053 χ^2/NDF: 115.0/101

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.326+/-0.035 χ^2/NDF: 5557760.5/24

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 160.210+/-0.035 χ^2/NDF: 6946803.0/28

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

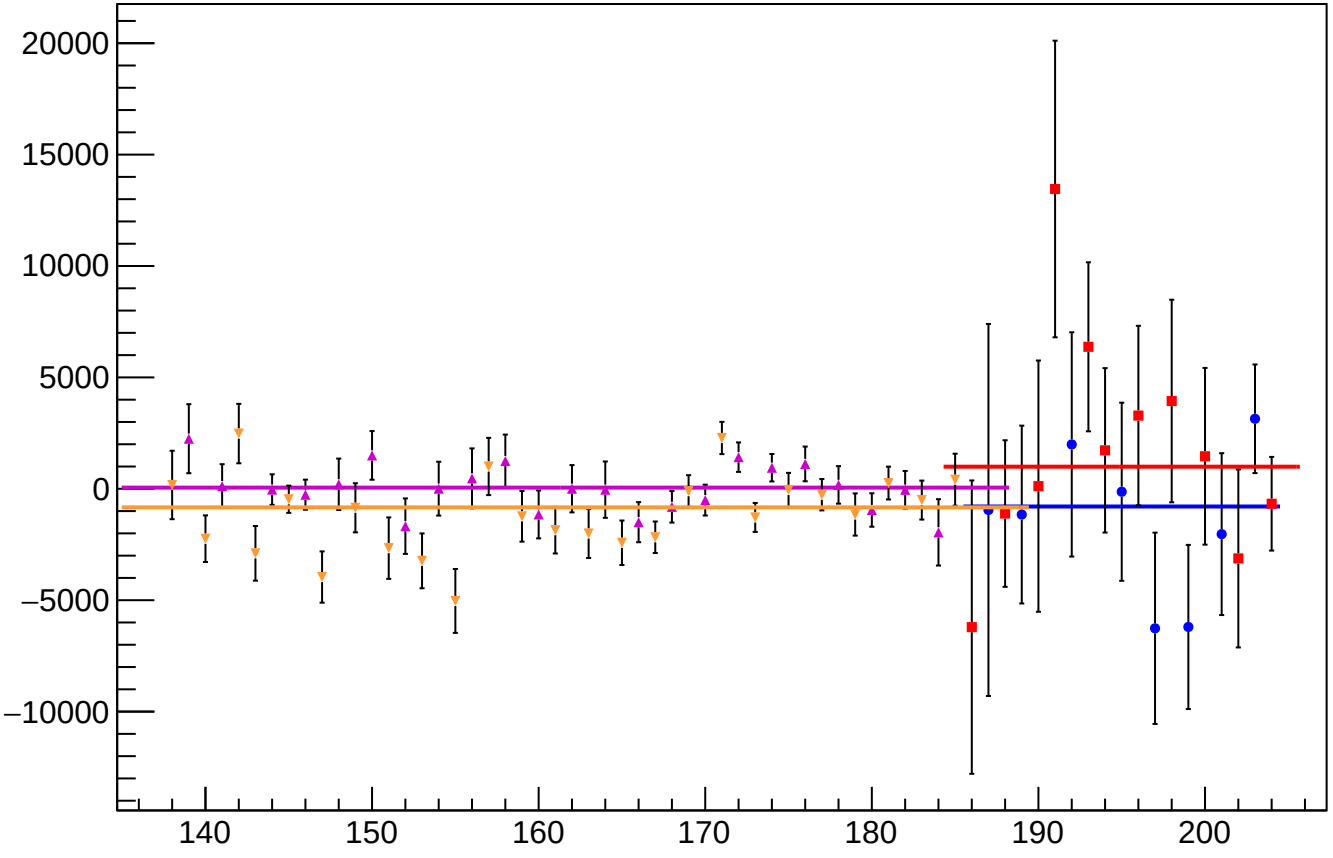
Right: 153.820+/-0.025 χ^2/NDF: 12572186.3/53

In: 107.006+/-0.015 χ^2/NDF:8743070.1/47

Out: 106.574+/-0.015 χ^2/NDF:11621387.0/53

All: 106.781+/-0.011 χ^2/NDF: 20364866.9/10

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -794.614+/-1347.049 χ^2/NDF: 6.8/7

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 992.910+/-1136.031 χ^2/NDF: 9.6/10

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

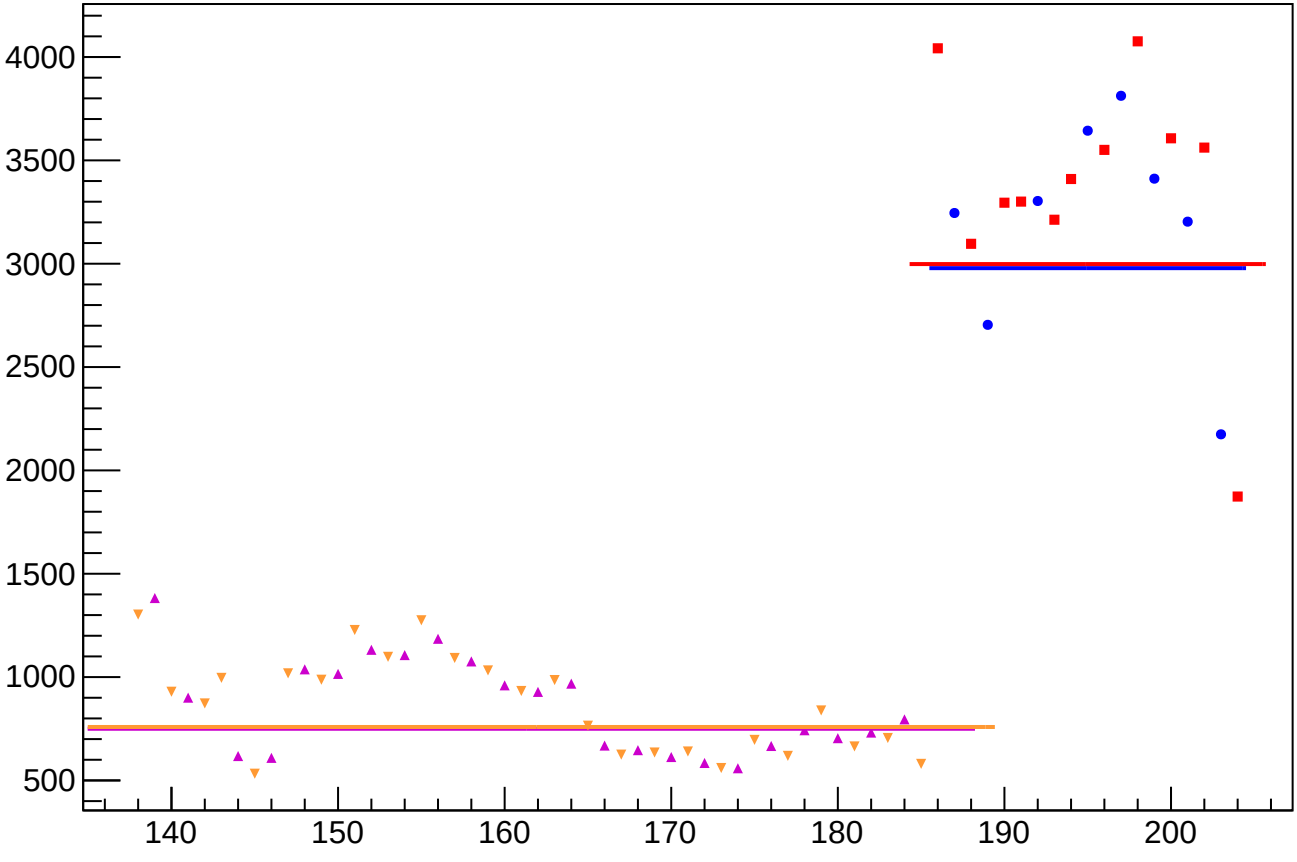
Right: 249.966+/-868.431 χ^2/NDF: 17.5/18

In: 37.336+/-183.153 χ^2/NDF:32.5/30

Out: -785.935+/-181.595 χ^2/NDF:81.0/35

All: -377.817+/-128.954 χ^2/NDF: 123.7/66

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 2978.545+/-0.953 χ^2/NDF: 403321.1/7

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 2998.284+/-0.803 χ^2/NDF: 902397.8/10

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

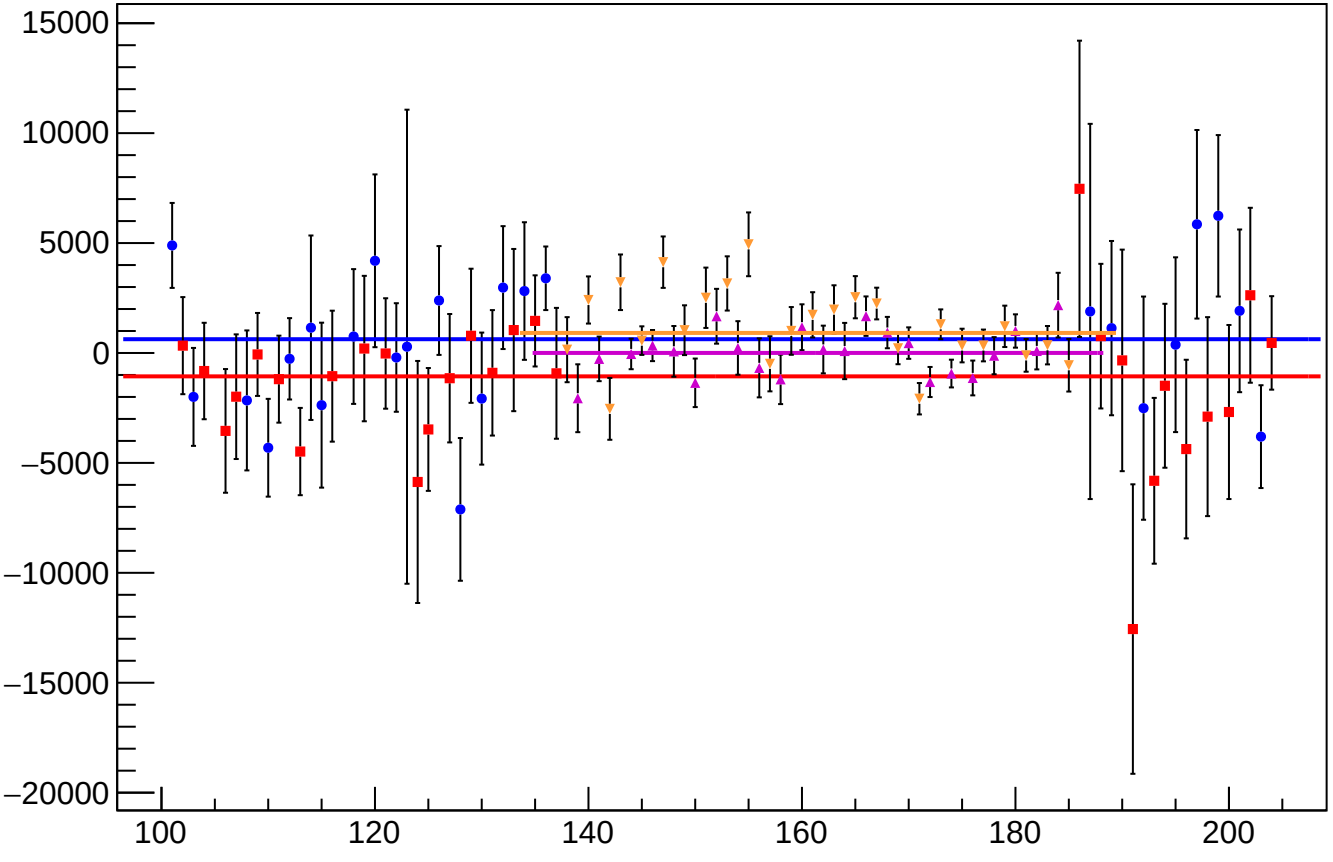
Right: 2990.080+/-0.614 χ^2/NDF: 1305969.9/18

In: 791.194+/-0.130 χ^2/NDF:7962796.6/30

Out: 815.836+/-0.128 χ^2/NDF:10931040.3/35

All: 803.620+/-0.091 χ^2/NDF: 18912093.0/66

asym_sam3_mean vs Slug, Sign Corrected



Right In: 626.584+/-561.202 χ^2/NDF: 33.6/24

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1063.725+/-532.940 χ^2/NDF: 17.5/28

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

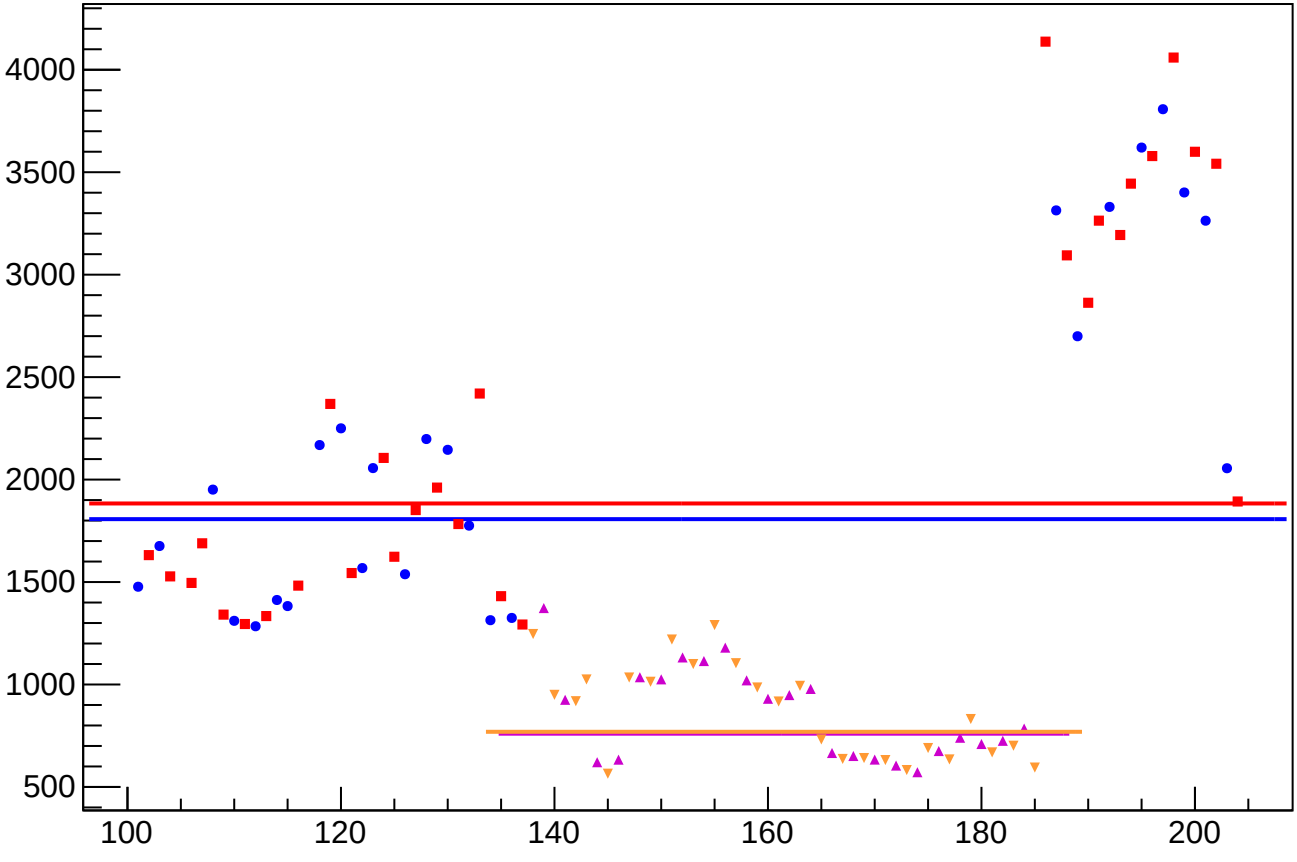
Right: -262.202+/-386.451 χ^2/NDF: 55.9/53

In: 65.003+/-177.642 χ^2/NDF:60.4/47

Out: 697.189+/-175.700 χ^2/NDF:94.7/53

All: 384.570+/-124.919 χ^2/NDF: 161.4/101

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1806.946+/-0.397 χ^2/NDF: 2699471.2/24

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1883.446+/-0.377 χ^2/NDF: 3762391.7/28

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

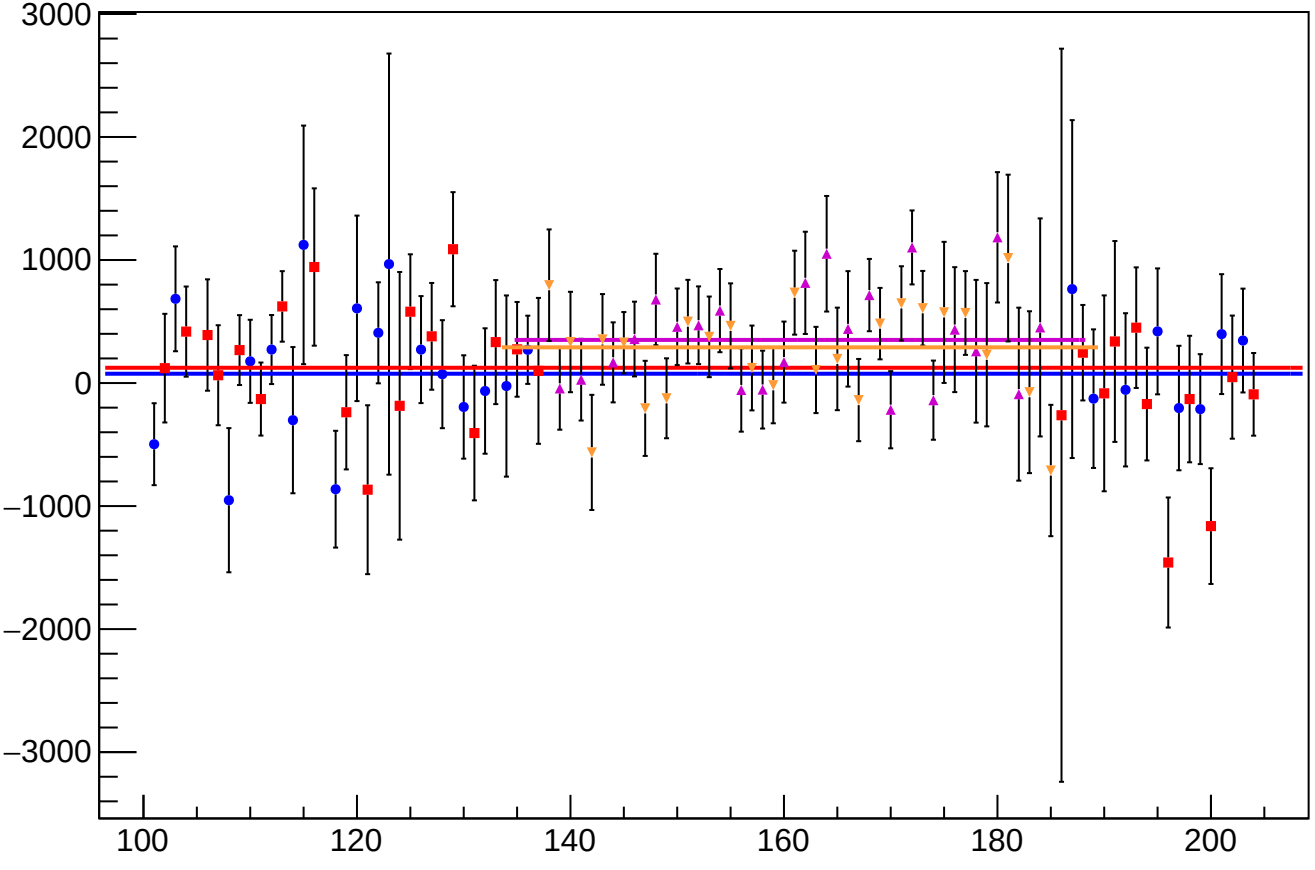
Right: 1847.170+/-0.273 χ^2/NDF: 6481404.0/53

In: 864.841+/-0.126 χ^2/NDF:10978021.1/47

Out: 890.313+/-0.124 χ^2/NDF:13829949.7/53

All: 877.717+/-0.088 χ^2/NDF: 24828756.2/10

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 75.670+/-91.690 χ^2/NDF: 19.2/24

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 124.161+/-83.222 χ^2/NDF: 34.6/28

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

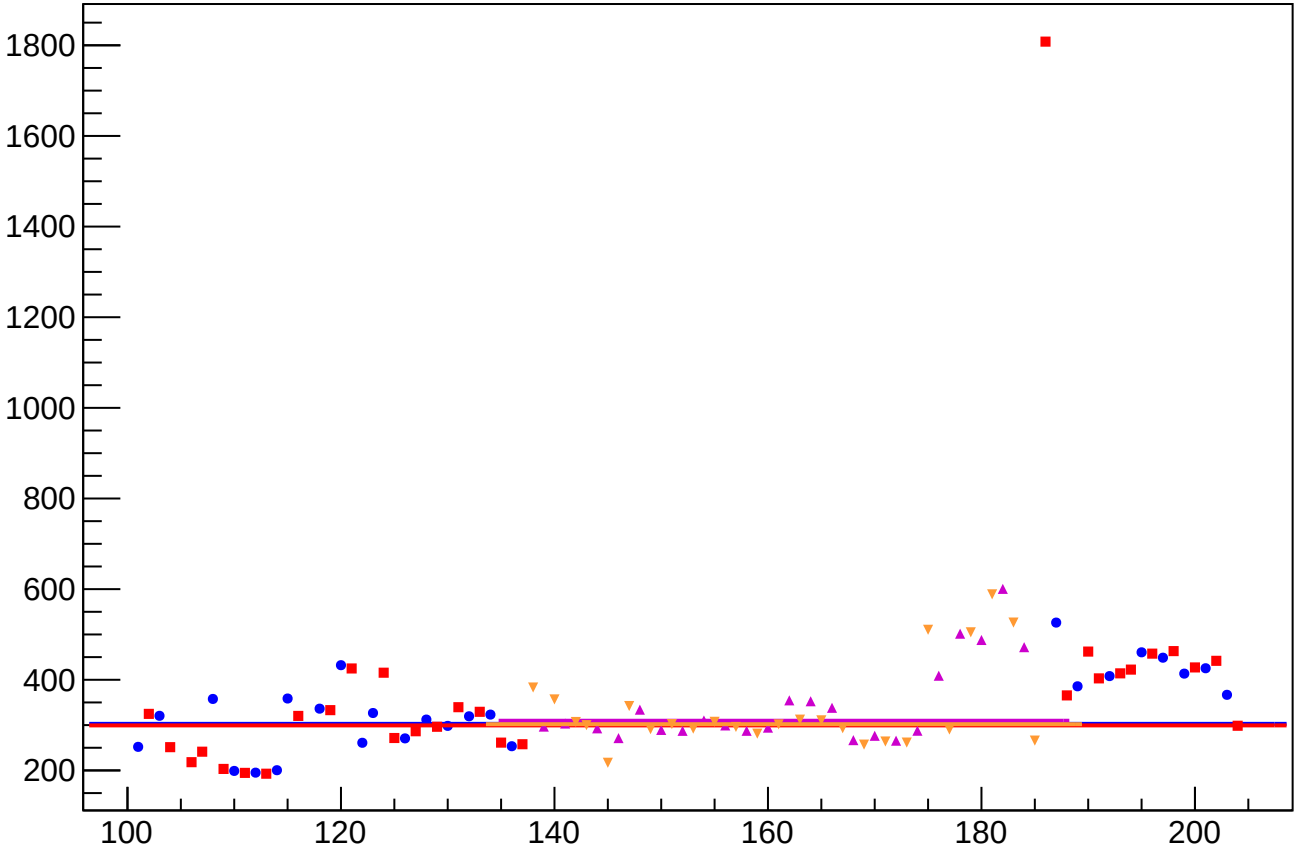
Right: 102.257+/-61.623 χ^2/NDF: 53.9/53

In: 238.745+/-58.472 χ^2/NDF:51.9/47

Out: 218.152+/-54.841 χ^2/NDF:59.2/53

All: 227.789+/-40.000 χ^2/NDF: 111.2/101

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 302.756+/-0.065 χ^2/NDF: 1592409.0/24

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 299.362+/-0.059 χ^2/NDF: 2693220.0/28

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

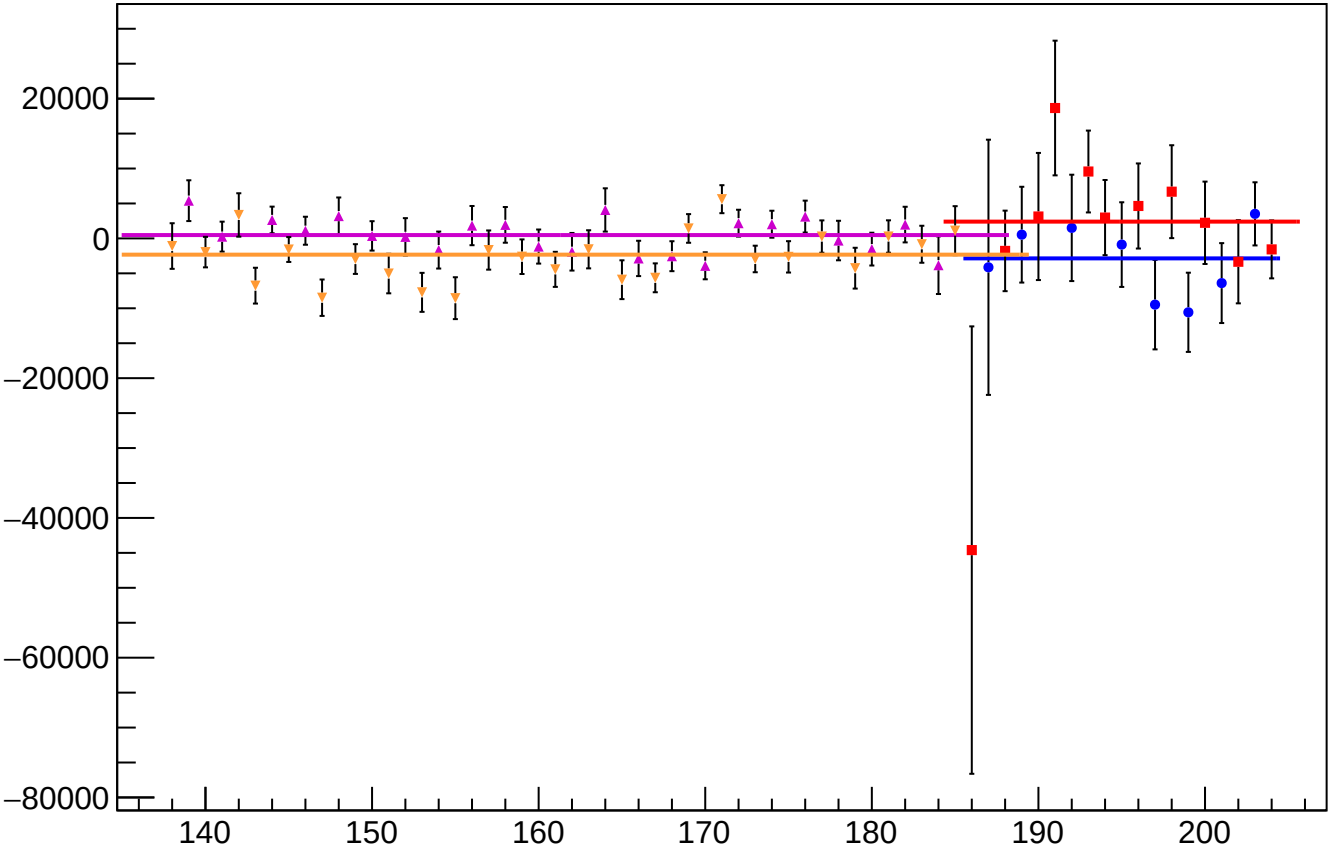
Right: 300.895+/-0.044 χ^2/NDF: 4287131.8/53

In: 306.822+/-0.041 χ^2/NDF:2779318.5/47

Out: 300.877+/-0.039 χ^2/NDF:4291625.8/53

All: 303.660+/-0.028 χ^2/NDF: 7081943.4/101

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -2859.667+/-2214.377 χ^2/NDF: 6.0/7

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 2401.509+/-1881.494 χ^2/NDF: 9.4/10

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

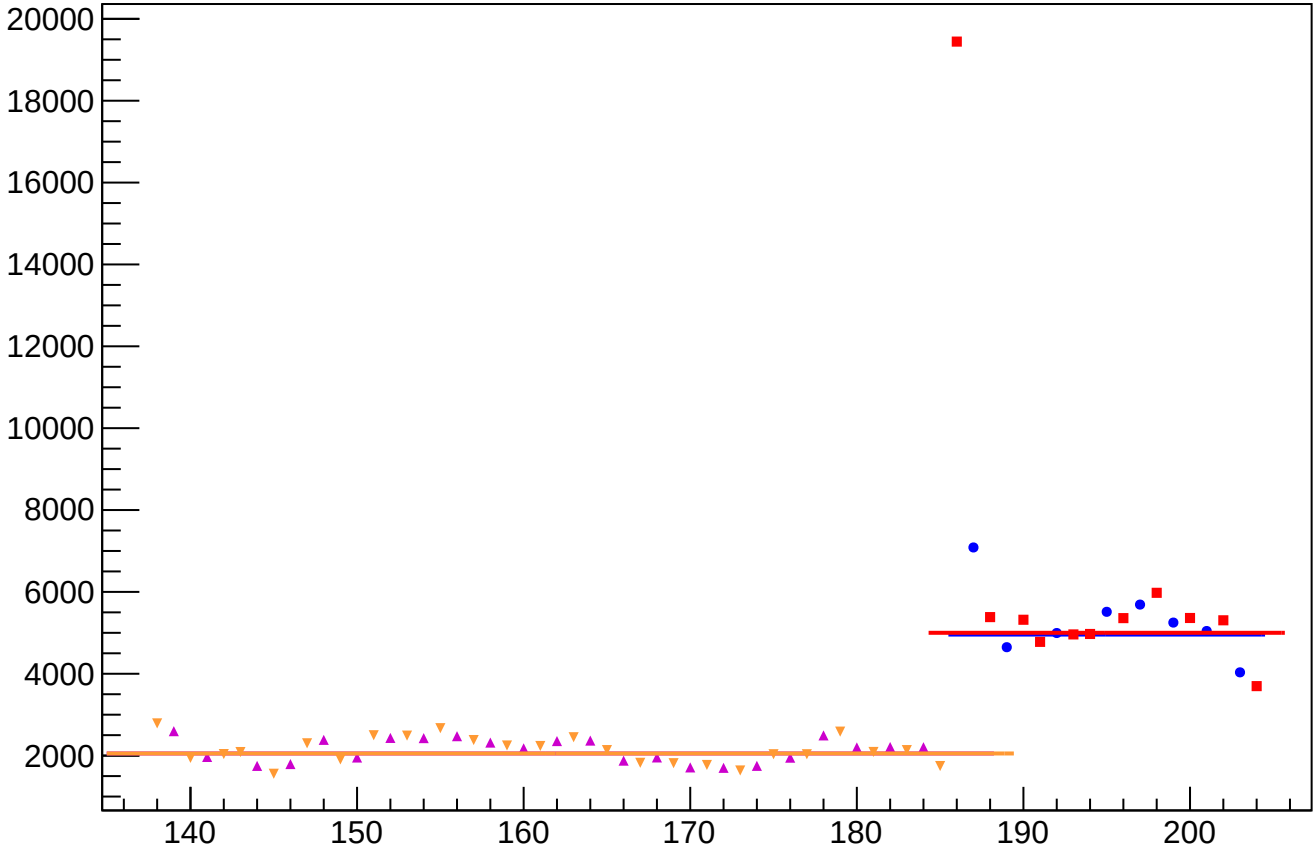
Right: 195.706+/-1433.817 χ^2/NDF: 18.7/18

In: 319.416+/-482.360 χ^2/NDF:31.2/30

Out: -2029.773+/-470.595 χ^2/NDF:65.2/35

All: -884.178+/-336.843 χ^2/NDF: 108.5/66

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 4957.671+/-1.566 χ^2/NDF: 163588.6/7

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5000.731+/-1.330 χ^2/NDF: 680045.9/10

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

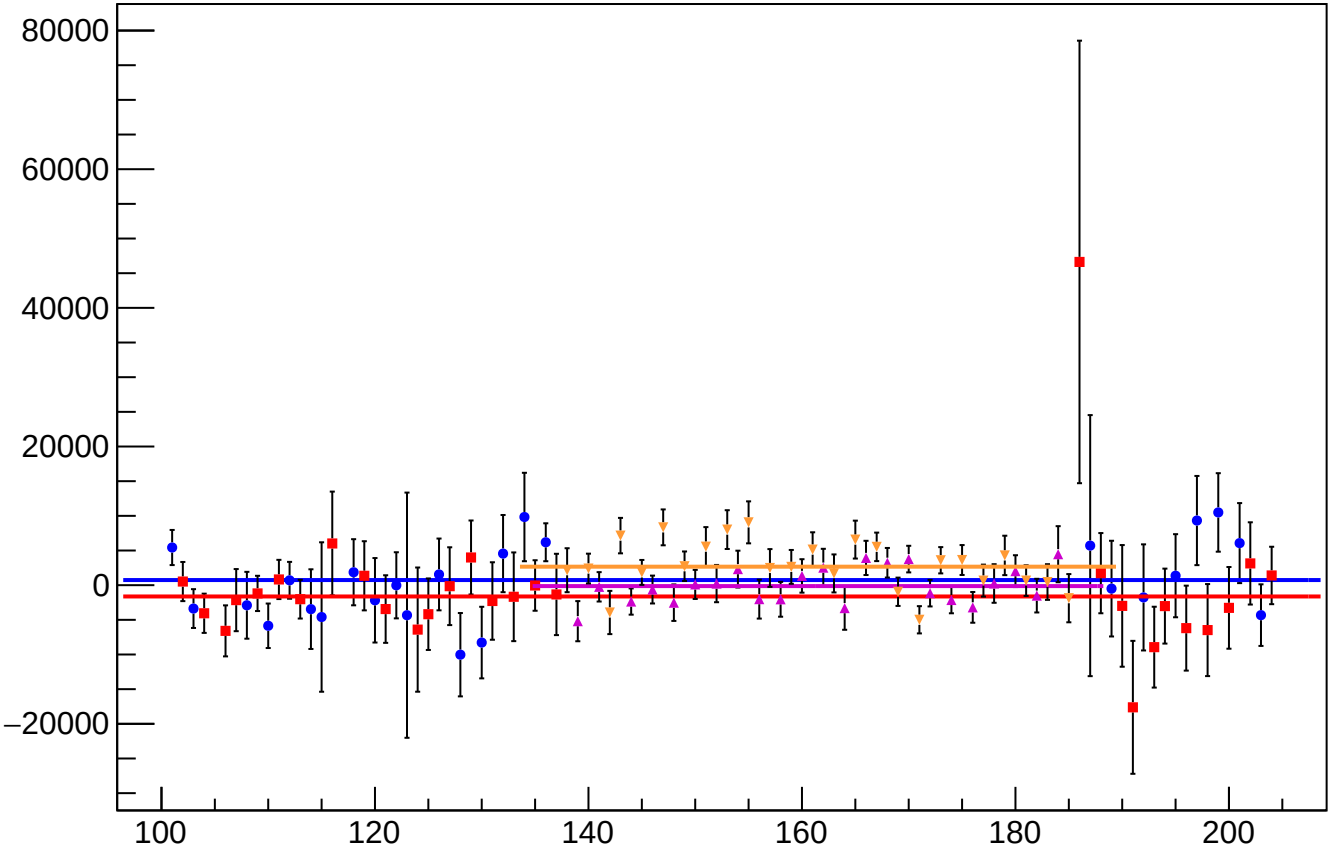
Right: 4982.678+/-1.014 χ^2/NDF: 844073.7/18

In: 2190.241+/-0.341 χ^2/NDF:4096847.1/30

Out: 2236.844+/-0.333 χ^2/NDF:6121912.2/35

All: 2214.118+/-0.238 χ^2/NDF: 10228324.3/6

asym_sam4_mean vs Slug, Sign Corrected



Right In: 738.842+/-905.359 χ^2/NDF: 31.4/24

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1629.115+/-832.458 χ^2/NDF: 16.8/28

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

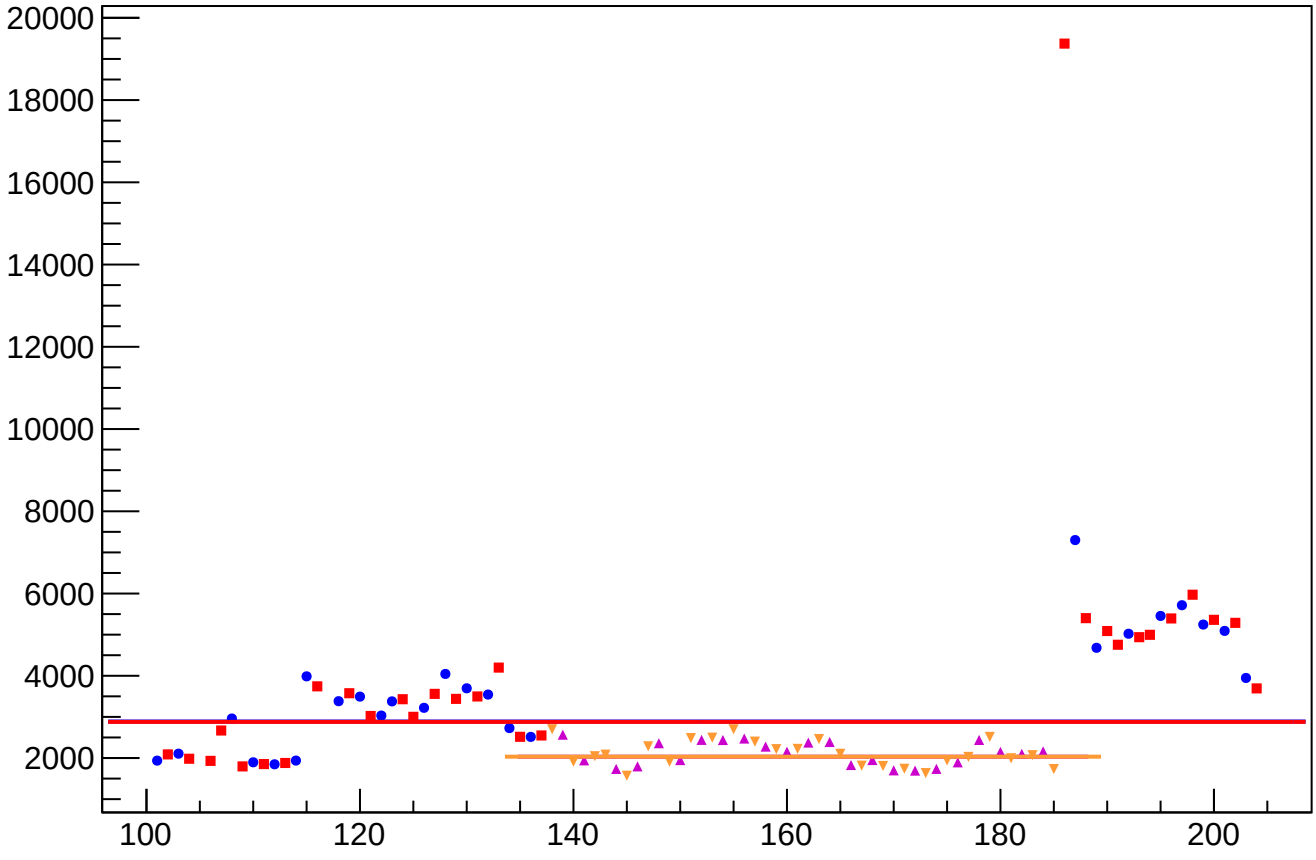
Right: -544.298+/-612.791 χ^2/NDF: 52.0/53

In: 64.903+/-430.765 χ^2/NDF:56.9/47

Out: 1591.859+/-416.452 χ^2/NDF:86.8/53

All: 854.170+/-299.408 χ^2/NDF: 150.1/101

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2887.840+/-0.640 χ^2/NDF: 3159466.3/24

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2879.206+/-0.589 χ^2/NDF: 4847049.1/28

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

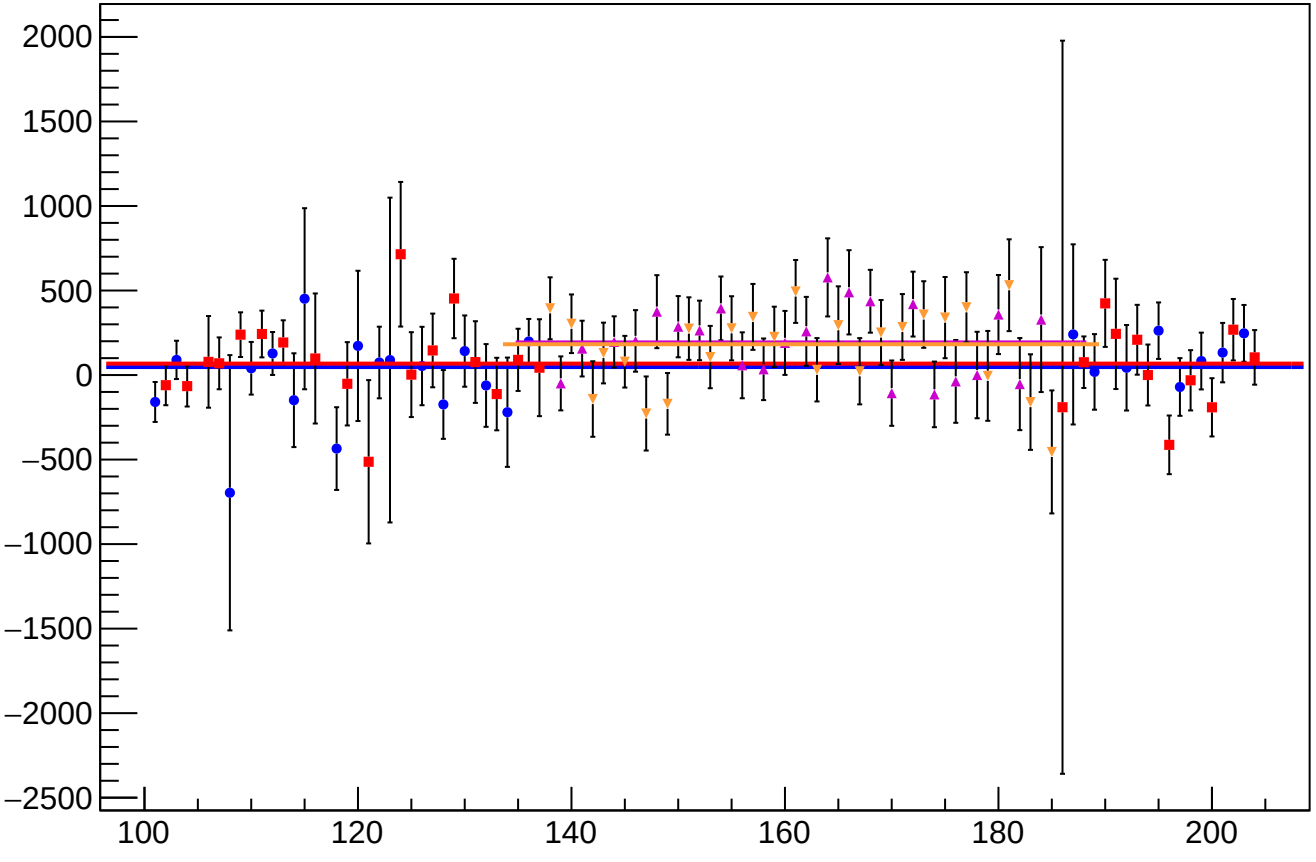
Right: 2883.161+/-0.433 χ^2/NDF: 8006614.1/53

In: 2225.507+/-0.305 χ^2/NDF:5196458.2/47

Out: 2244.405+/-0.294 χ^2/NDF:7222691.0/53

All: 2235.275+/-0.212 χ^2/NDF: 12421138.8/1

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 47.240+/-38.456 χ^2/NDF: 17.0/24

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 67.592+/-34.898 χ^2/NDF: 28.5/28

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

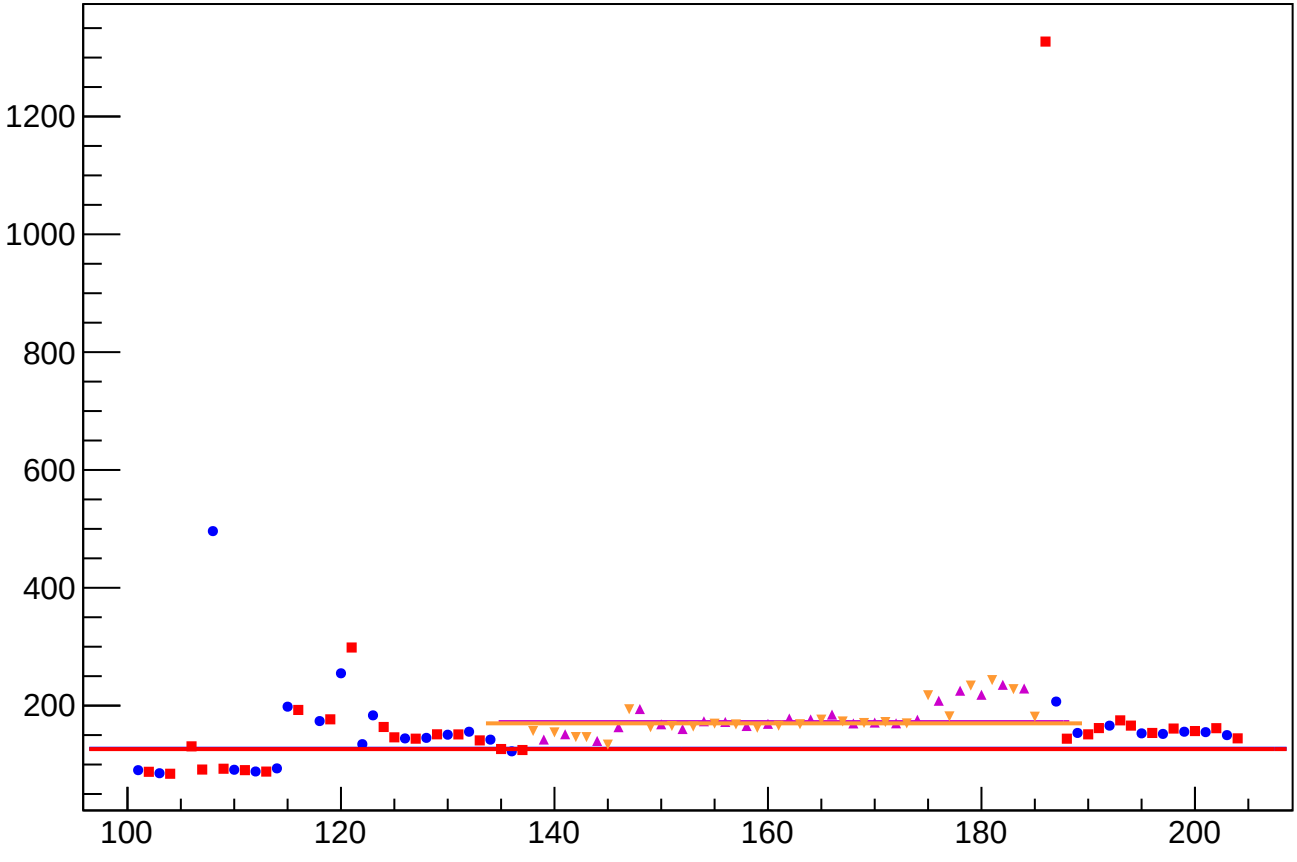
Right: 58.401+/-25.843 χ^2/NDF: 45.6/53

In: 114.782+/-28.171 χ^2/NDF:44.7/47

Out: 116.998+/-26.325 χ^2/NDF:60.1/53

All: 115.965+/-19.234 χ^2/NDF: 104.8/101

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 126.834+/-0.027 χ^2/NDF: 1924380.1/24

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 126.188+/-0.025 χ^2/NDF: 2662279.4/28

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

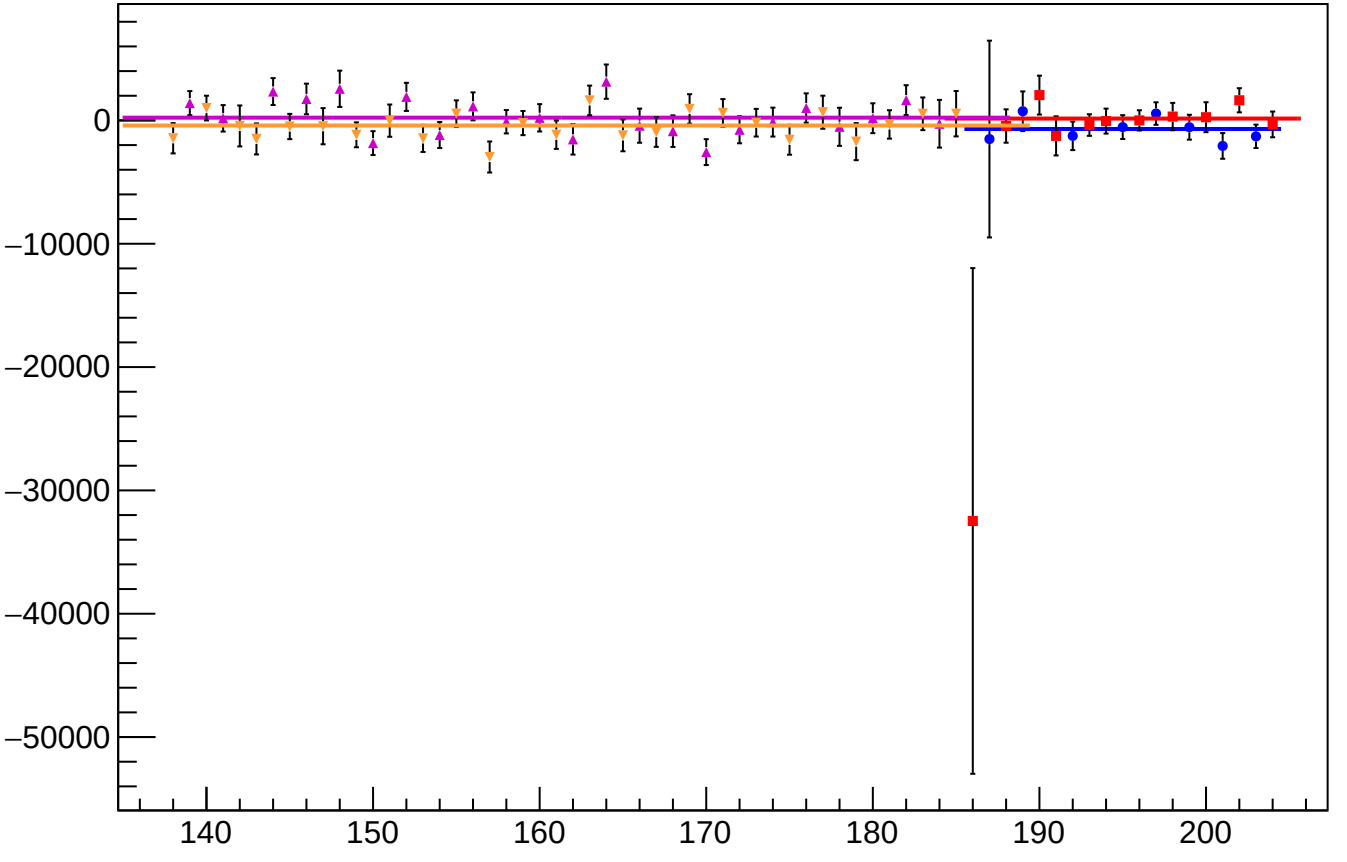
Right: 126.480+/-0.018 χ^2/NDF: 4586968.9/53

In: 147.792+/-0.020 χ^2/NDF:3796198.9/47

Out: 145.028+/-0.019 χ^2/NDF:4678059.1/53

All: 146.317+/-0.014 χ^2/NDF: 8484540.0/101

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -693.813+/-394.228 χ^2/NDF: 5.1/7

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: 151.377+/-341.809 χ^2/NDF: 7.9/10

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

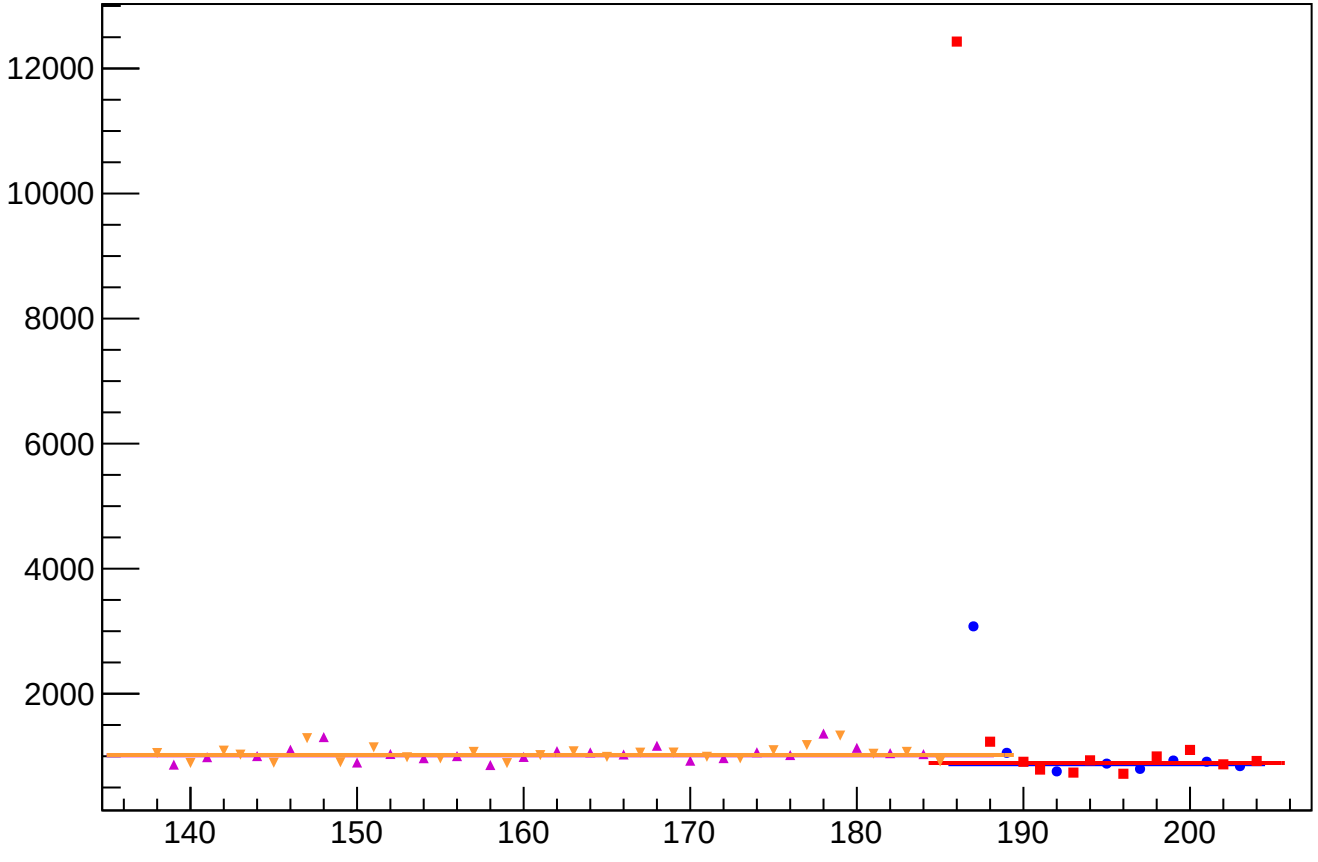
Right: -211.329+/-258.255 χ^2/NDF: 15.7/18

In: -30.348+/-207.335 χ^2/NDF:45.0/30

Out: -226.216+/-196.570 χ^2/NDF:28.8/35

All: -133.499+/-142.650 χ^2/NDF: 74.3/66

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 872.684+/-0.279 χ^2/NDF: 223682.3/7

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 891.923+/-0.242 χ^2/NDF: 1001982.0/10

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

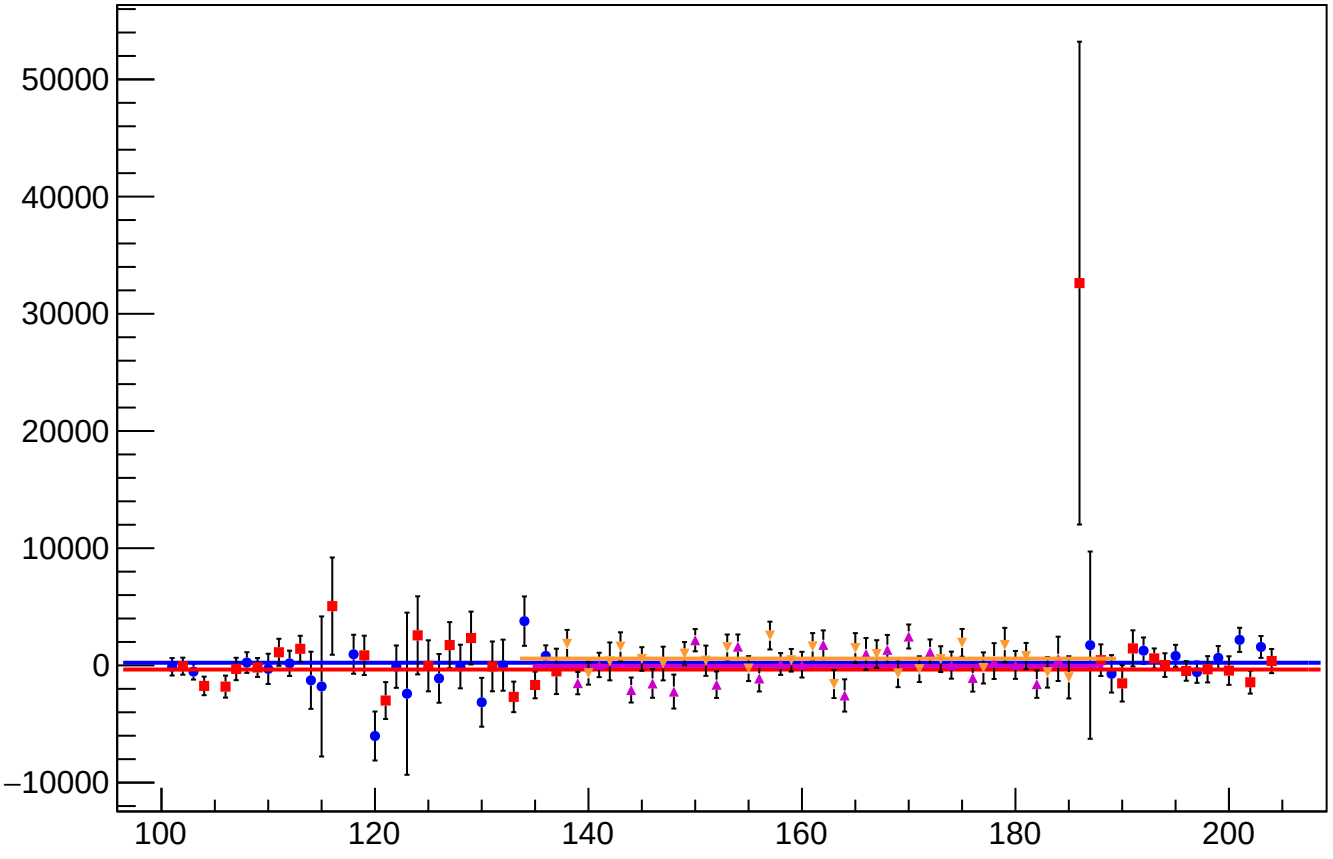
Right: 883.667+/-0.183 χ^2/NDF: 1228383.4/18

In: 975.635+/-0.147 χ^2/NDF:817093.7/30

Out: 977.742+/-0.139 χ^2/NDF:1560220.3/35

All: 976.745+/-0.101 χ^2/NDF: 2377422.6/66

asym_sam5_mean vs Slug, Sign Corrected



Right In: 227.181+/-243.967 χ^2/NDF: 26.0/24

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -351.772+/-218.741 χ^2/NDF: 30.9/28

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

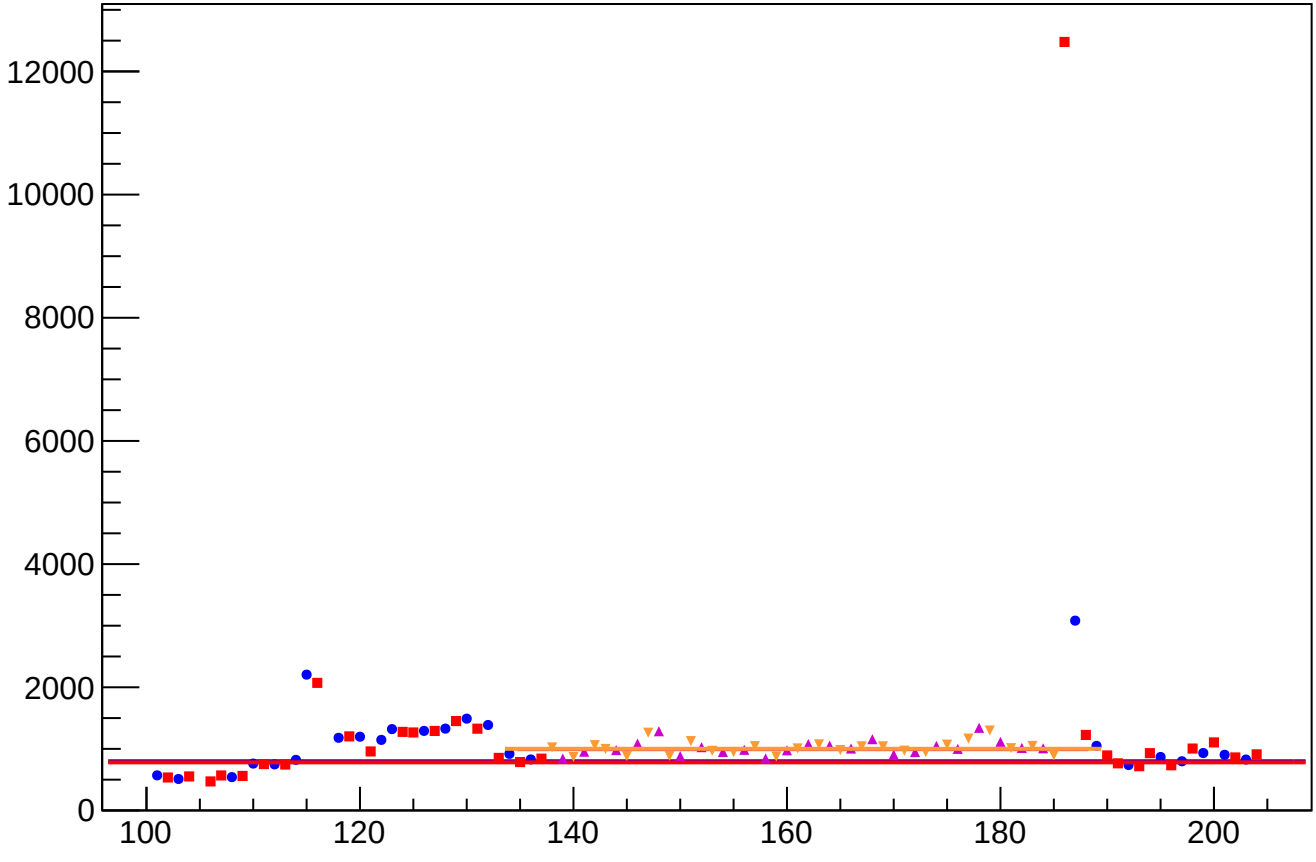
Right: -93.765+/-162.864 χ^2/NDF: 59.9/53

In: 89.776+/-170.829 χ^2/NDF:64.4/47

Out: 79.725+/-160.297 χ^2/NDF:57.7/53

All: 84.432+/-116.893 χ^2/NDF: 122.1/101

asym_sam5_rms vs Slug, Sign Corrected



Right In: 798.524+/-0.173 χ^2/NDF: 2033321.9/24

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 781.044+/-0.155 χ^2/NDF: 3006835.6/28

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

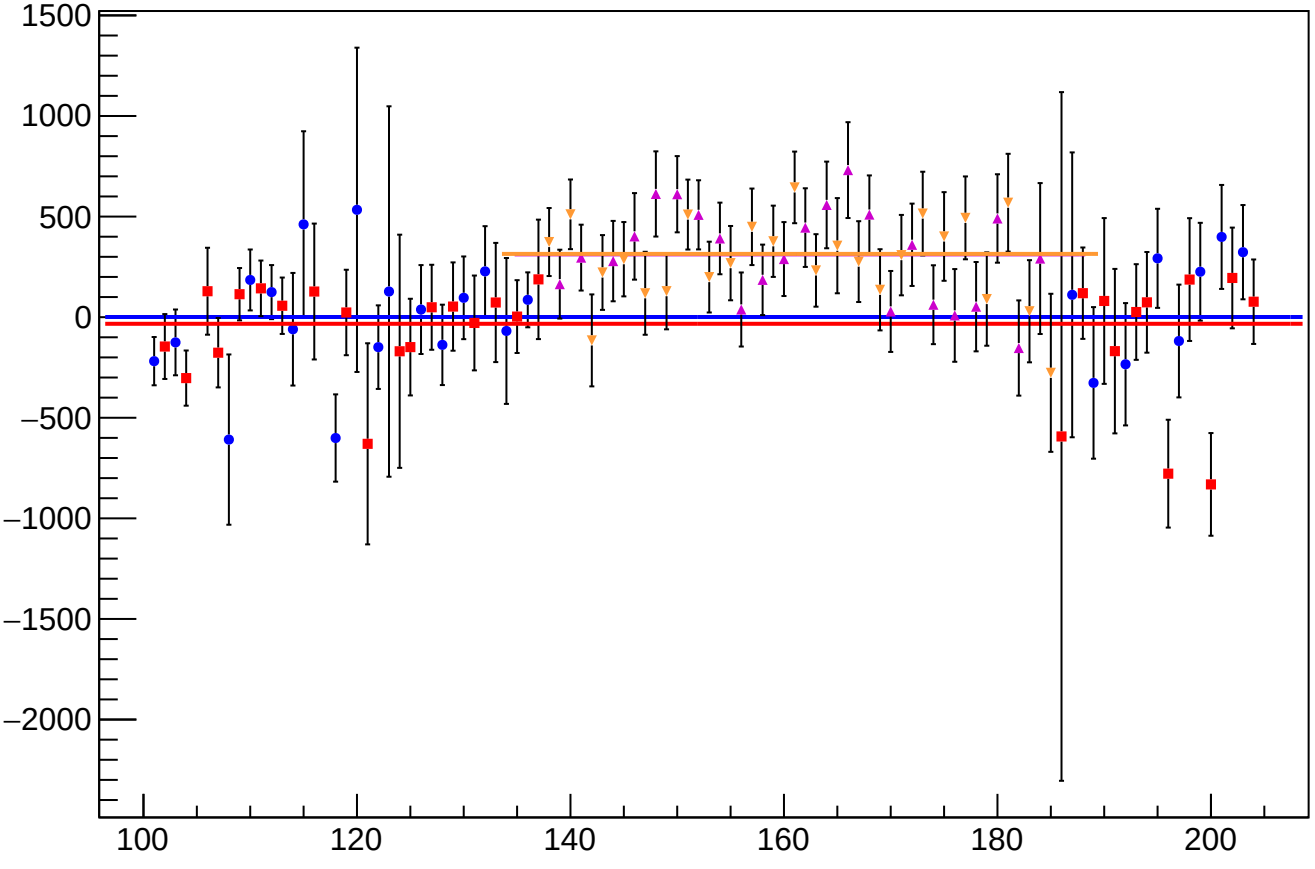
Right: 788.834+/-0.115 χ^2/NDF: 5045849.7/53

In: 898.969+/-0.121 χ^2/NDF:3122884.8/47

Out: 882.987+/-0.113 χ^2/NDF:4315375.3/53

All: 890.470+/-0.083 χ^2/NDF: 7447569.0/101

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: 0.839+/-43.622 χ^2/NDF: 28.3/24

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -32.922+/-40.076 χ^2/NDF: 32.1/28

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

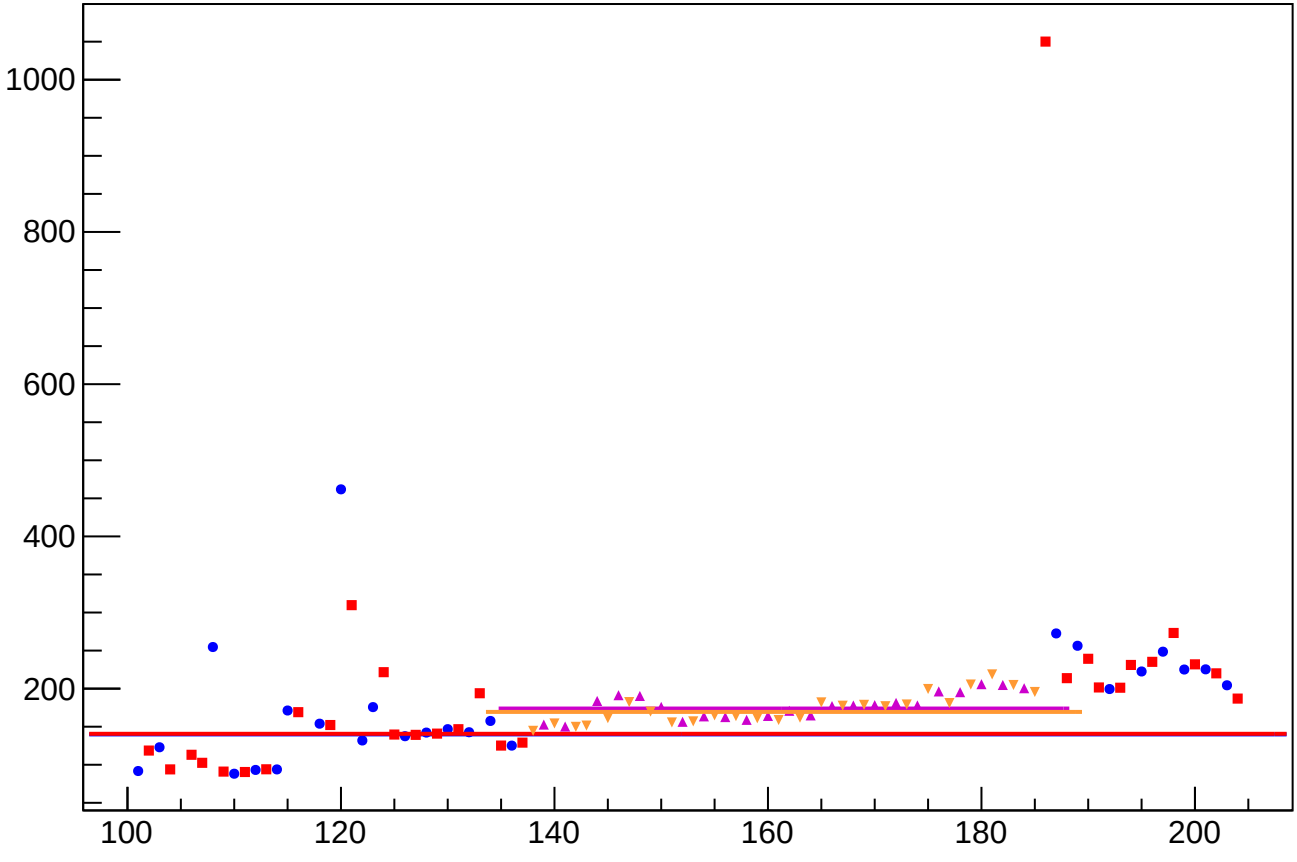
Right: -17.469+/-29.512 χ^2/NDF: 60.7/53

In: 163.678+/-30.122 χ^2/NDF:81.8/47

Out: 141.919+/-28.246 χ^2/NDF:91.3/53

All: 152.100+/-20.604 χ^2/NDF: 173.4/101

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 139.855+/-0.031 χ^2/NDF: 2872933.3/24

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 140.665+/-0.028 χ^2/NDF: 4050134.6/28

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

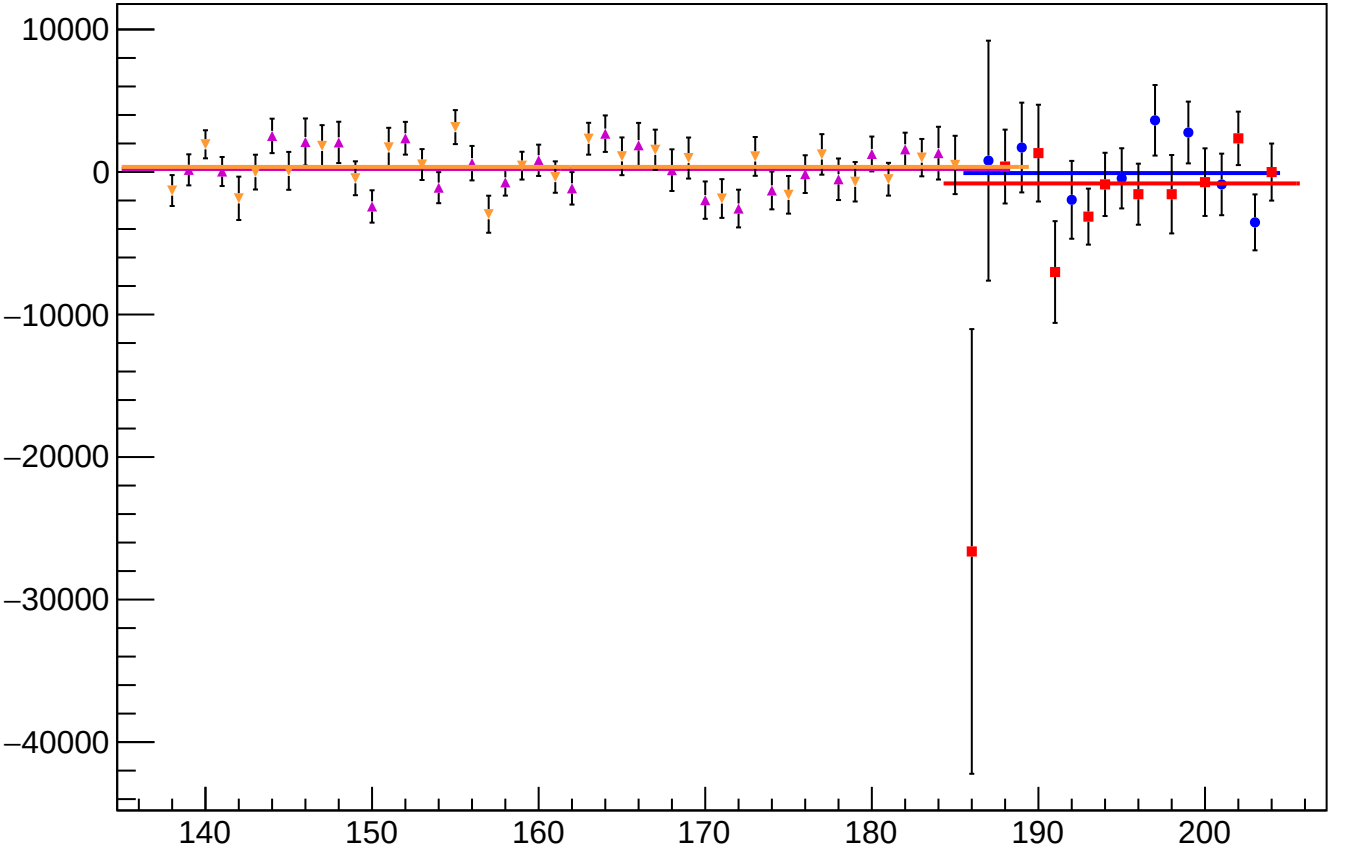
Right: 140.294+/-0.021 χ^2/NDF: 6923442.2/53

In: 157.638+/-0.021 χ^2/NDF:3800012.8/47

Out: 155.141+/-0.020 χ^2/NDF:4955167.1/53

All: 156.309+/-0.015 χ^2/NDF: 8762492.5/101

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -76.157+/-869.135 χ^2/NDF: 8.0/7

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -803.203+/-736.761 χ^2/NDF: 11.0/10

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

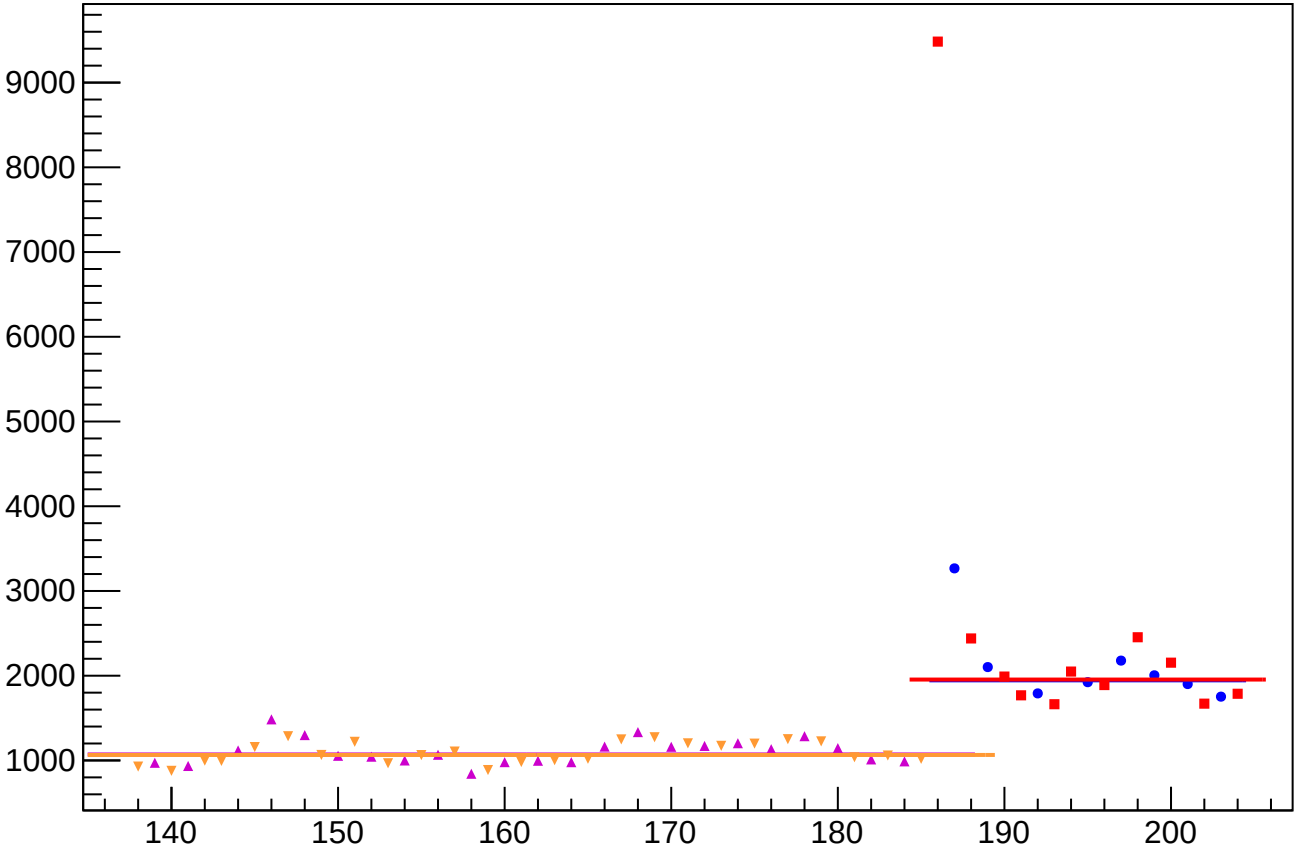
Right: -499.206+/-562.006 χ^2/NDF: 19.4/18

In: 188.773+/-246.789 χ^2/NDF:44.2/30

Out: 236.055+/-237.535 χ^2/NDF:46.6/35

All: 213.318+/-171.141 χ^2/NDF: 90.8/66

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 1945.416+/-0.615 χ^2/NDF: 100057.6/7

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 1954.552+/-0.521 χ^2/NDF: 730964.2/10

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

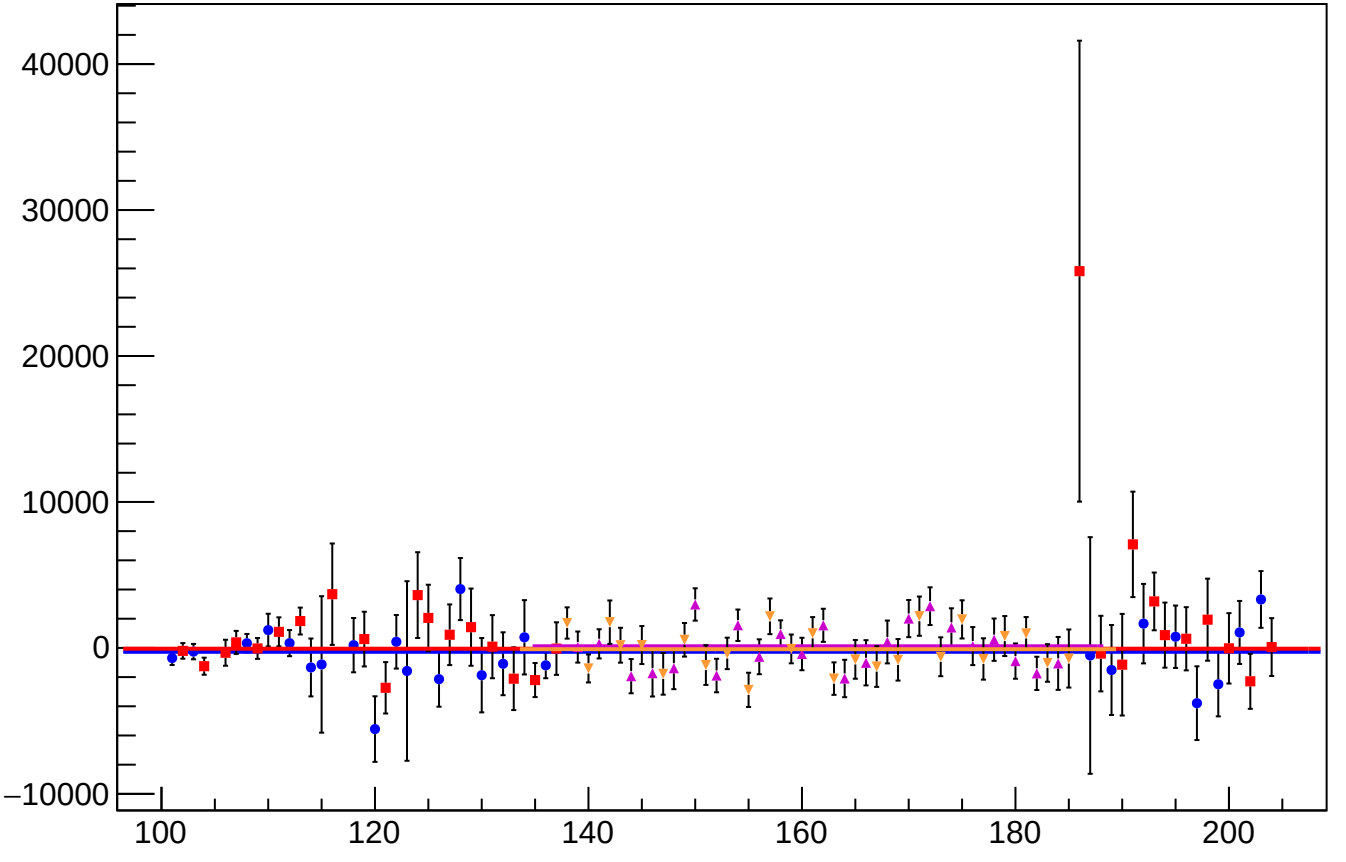
Right: 1950.732+/-0.397 χ^2/NDF: 831150.4/18

In: 1141.219+/-0.175 χ^2/NDF:2532926.4/30

Out: 1157.346+/-0.168 χ^2/NDF:3837836.5/35

All: 1149.591+/-0.121 χ^2/NDF: 6375196.1/66

asym_sam6_mean vs Slug, Sign Corrected



Right In: -265.205+/-240.345 χ^2/NDF: 24.5/24

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -55.446+/-234.964 χ^2/NDF: 32.7/28

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

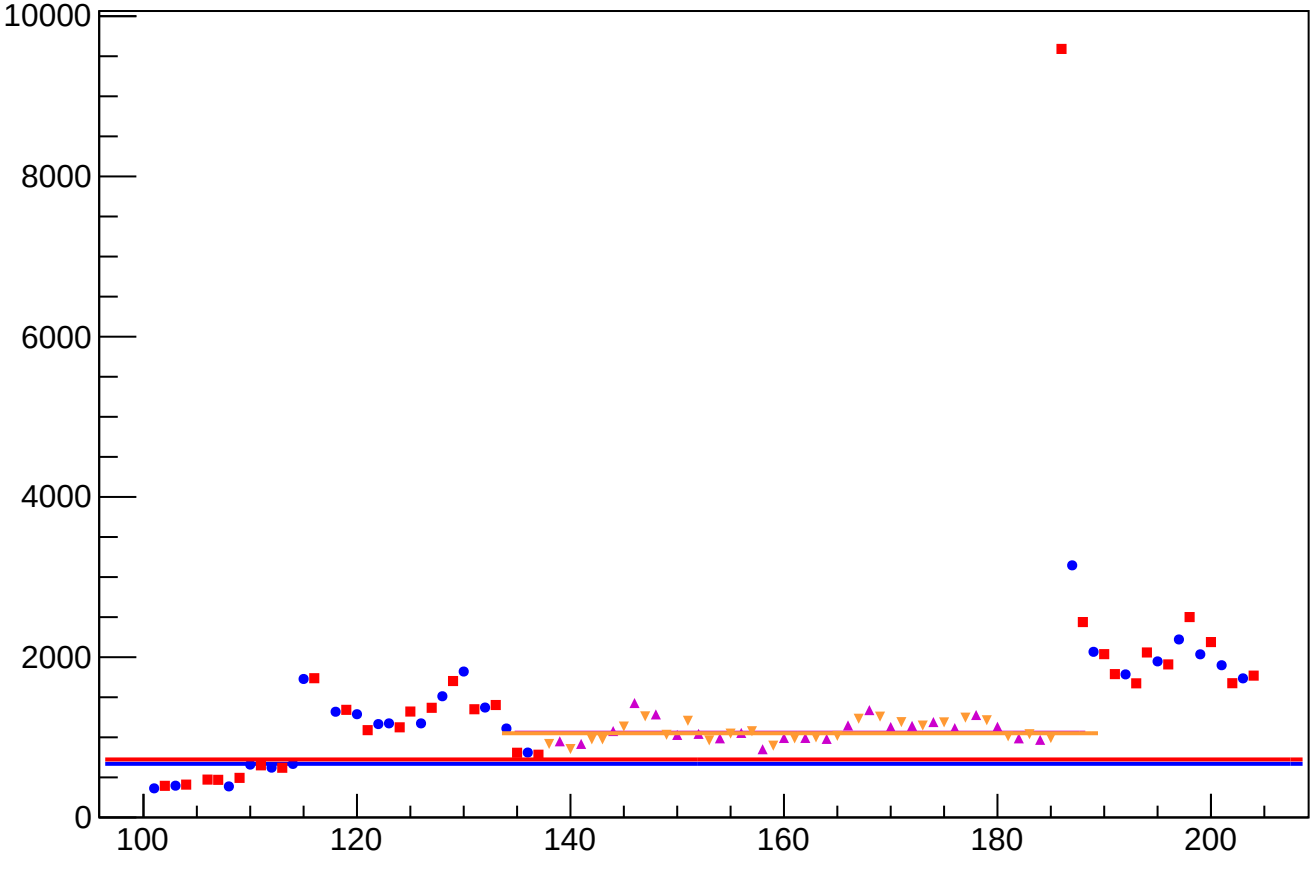
Right: -157.951+/-168.015 χ^2/NDF: 57.6/53

In: -87.792+/-174.687 χ^2/NDF:60.8/47

Out: -71.667+/-170.329 χ^2/NDF:63.7/53

All: -79.526+/-121.952 χ^2/NDF: 124.5/101

asym_sam6_rms vs Slug, Sign Corrected



Right In: 669.463+/-0.170 χ^2/NDF: 8044127.4/24

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 723.962+/-0.166 χ^2/NDF: 9792807.2/28

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

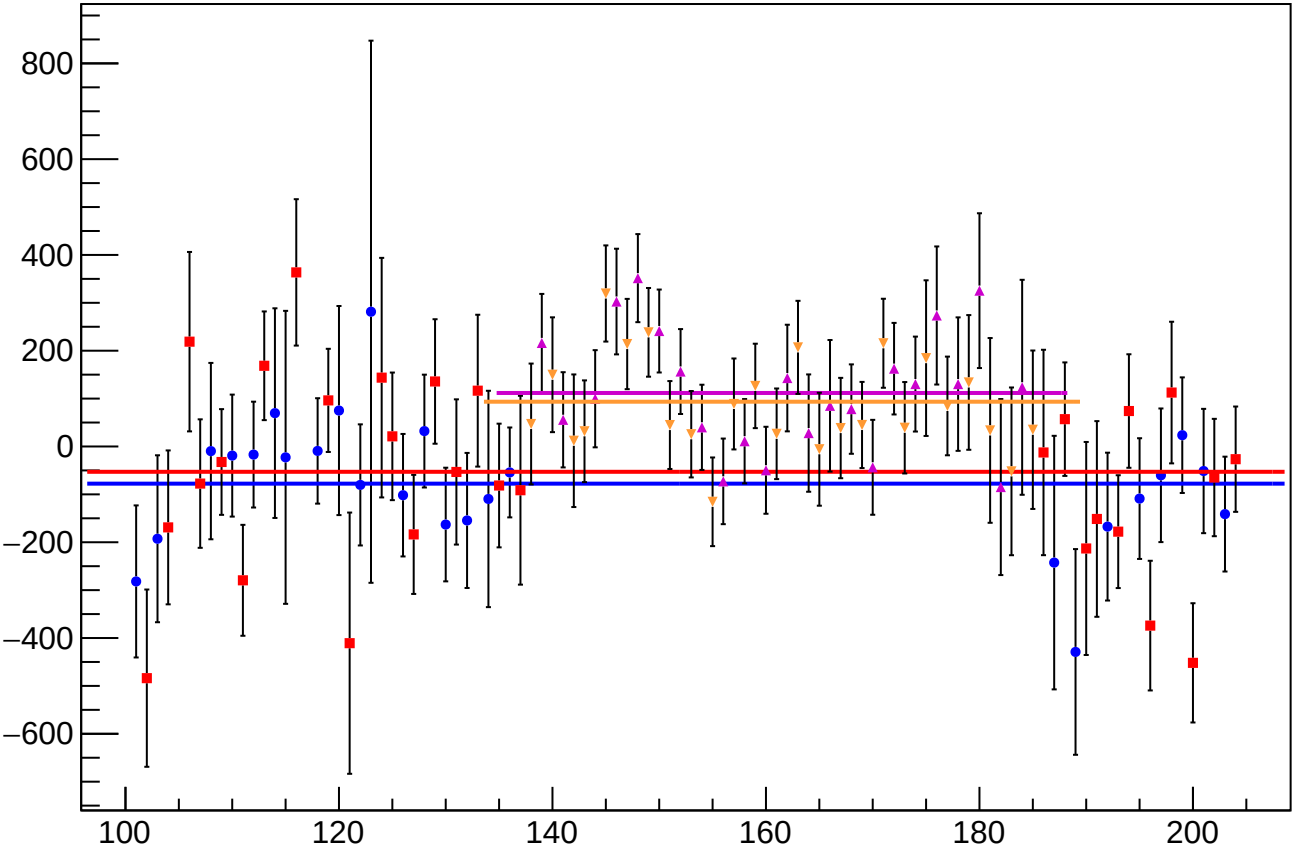
Right: 697.329+/-0.119 χ^2/NDF: 17889515.5/53

In: 852.823+/-0.124 χ^2/NDF:11043950.2/47

Out: 879.101+/-0.120 χ^2/NDF:12113835.9/53

All: 866.294+/-0.086 χ^2/NDF: 23180987.6/10

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -77.635+/-28.587 χ^2/NDF: 10.8/24

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -52.870+/-25.923 χ^2/NDF: 53.3/28

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

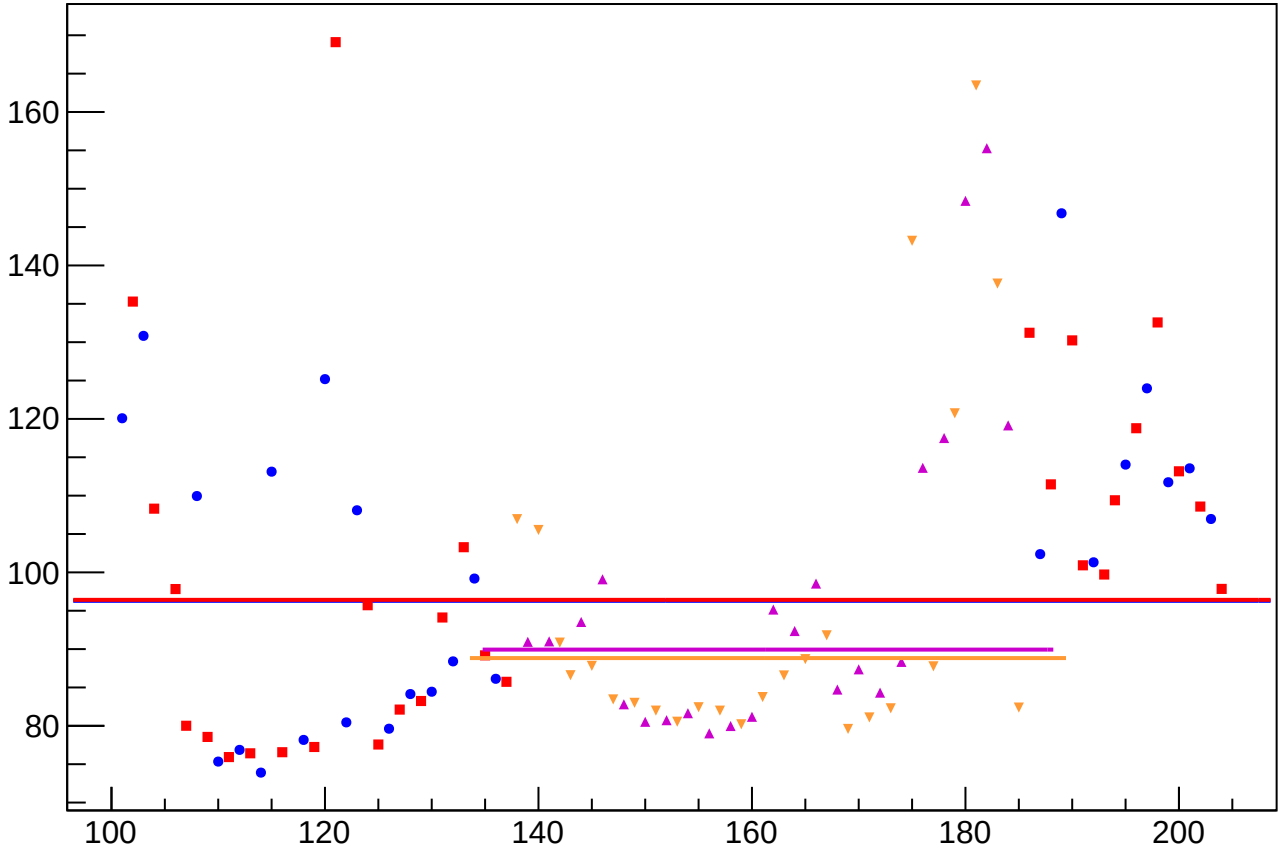
Right: -64.044+/-19.203 χ^2/NDF: 64.5/53

In: 41.413+/-17.420 χ^2/NDF:69.1/47

Out: 34.557+/-16.450 χ^2/NDF:95.1/53

All: 37.789+/-11.960 χ^2/NDF: 164.3/101

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 96.292+/-0.020 χ^2/NDF: 820252.1/24

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 96.418+/-0.018 χ^2/NDF: 1036877.7/28

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

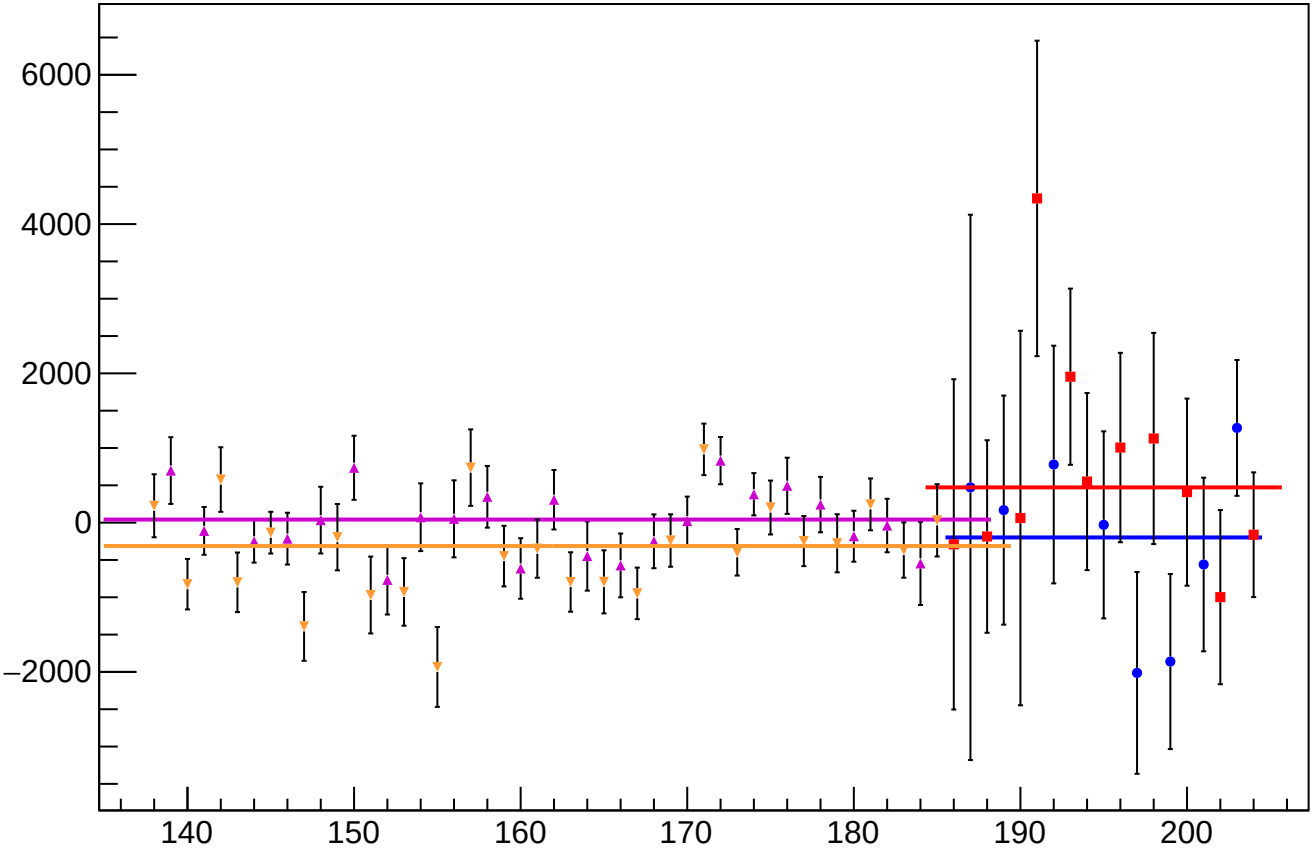
Right: 96.361+/-0.014 χ^2/NDF: 1857151.3/53

In: 92.295+/-0.012 χ^2/NDF:1756575.0/47

Out: 91.886+/-0.012 χ^2/NDF:2139908.7/53

All: 92.079+/-0.008 χ^2/NDF: 3897067.6/101

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -198.283+/-458.720 χ^2/NDF: 7.0/7

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 472.217+/-391.040 χ^2/NDF: 7.9/10

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

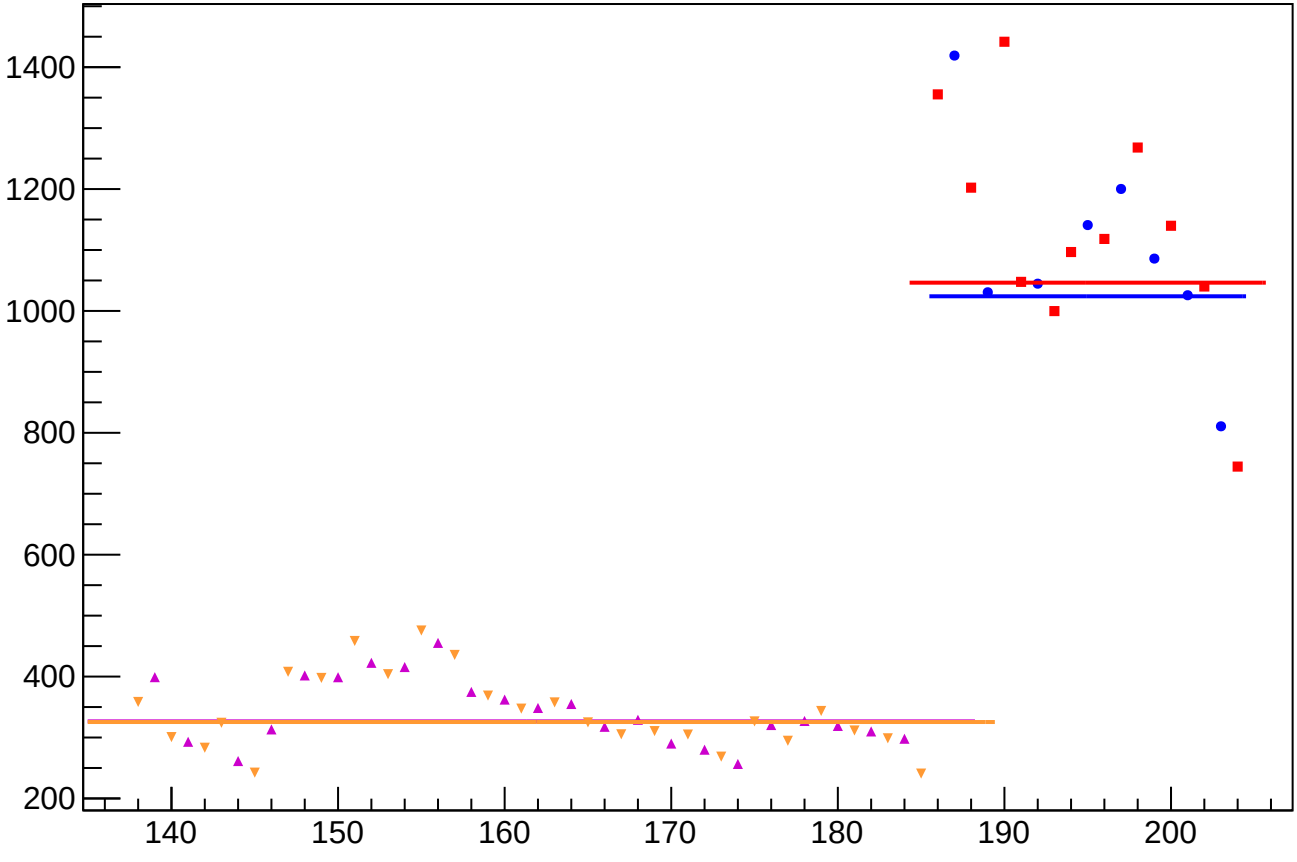
Right: 190.033+/-297.588 χ^2/NDF: 16.1/18

In: 34.368+/-77.718 χ^2/NDF:35.3/30

Out: -283.875+/-75.865 χ^2/NDF:69.9/35

All: -128.592+/-54.288 χ^2/NDF: 113.8/66

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 1024.037+/-0.324 χ^2/NDF: 190603.3/7

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1046.386+/-0.277 χ^2/NDF: 452153.8/10

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

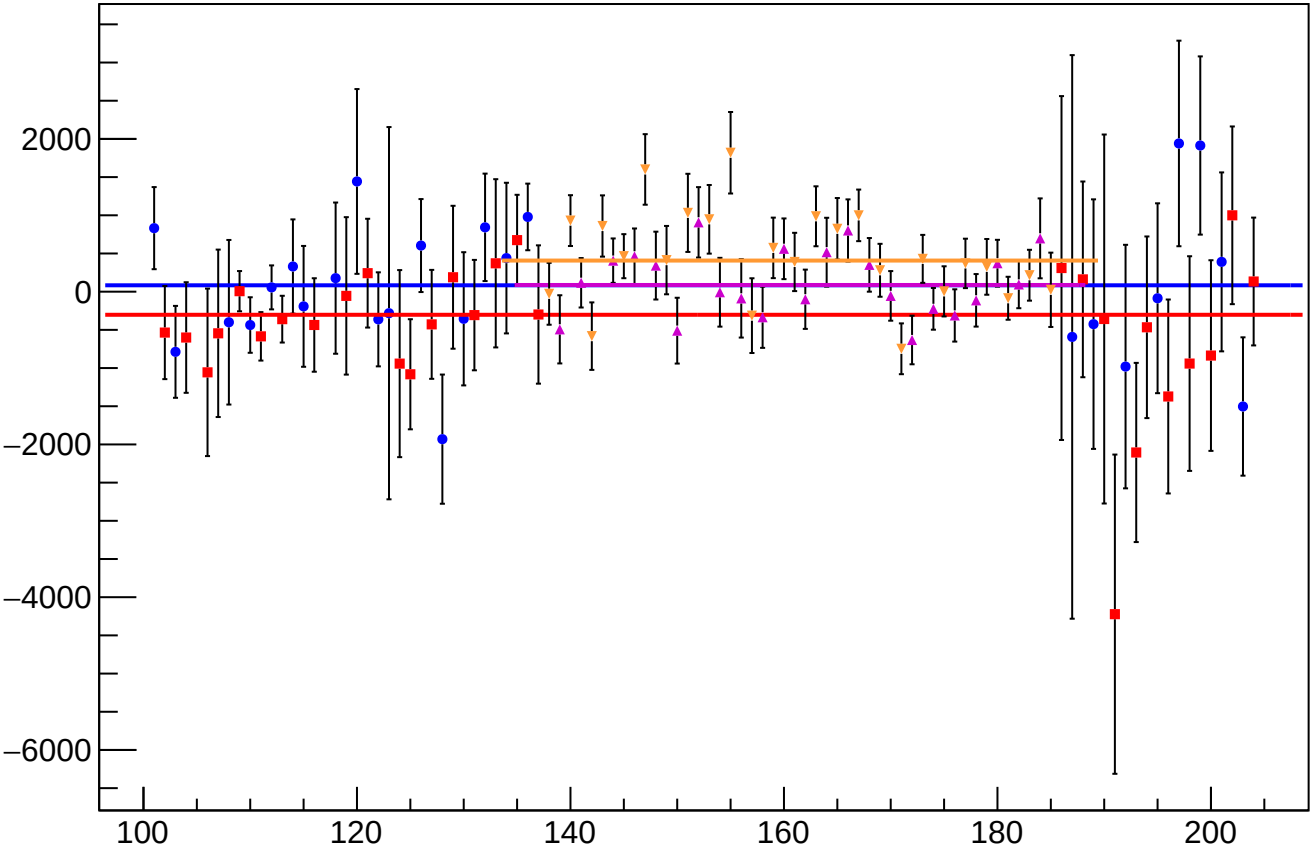
Right: 1036.980+/-0.210 χ^2/NDF: 645506.4/18

In: 346.538+/-0.055 χ^2/NDF:5523340.9/30

Out: 352.568+/-0.054 χ^2/NDF:7995571.2/35

All: 349.626+/-0.038 χ^2/NDF: 13525077.4/66

asym_sam7_mean vs Slug, Sign Corrected



Right In: 83.566+/-136.208 χ^2/NDF: 28.7/24

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -302.517+/-123.147 χ^2/NDF: 17.3/28

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

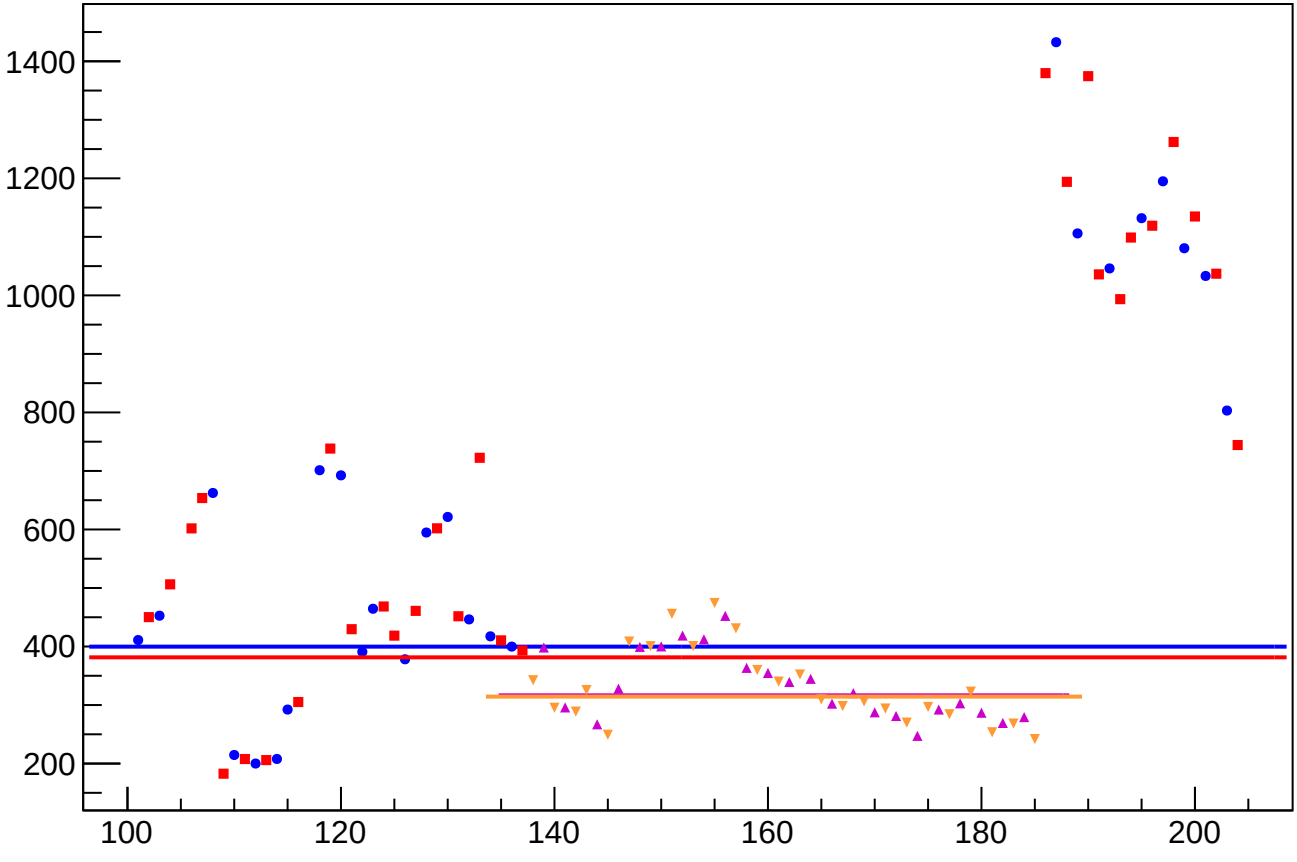
Right: -128.870+/-91.348 χ^2/NDF: 50.4/53

In: 86.674+/-66.747 χ^2/NDF:56.1/47

Out: 216.314+/-63.887 χ^2/NDF:94.6/53

All: 154.331+/-46.153 χ^2/NDF: 152.7/101

asym_sam7_rms vs Slug, Sign Corrected



Right In: 399.774+/-0.096 χ^2/NDF: 6312992.4/24

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 381.494+/-0.087 χ^2/NDF: 9536727.1/28

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

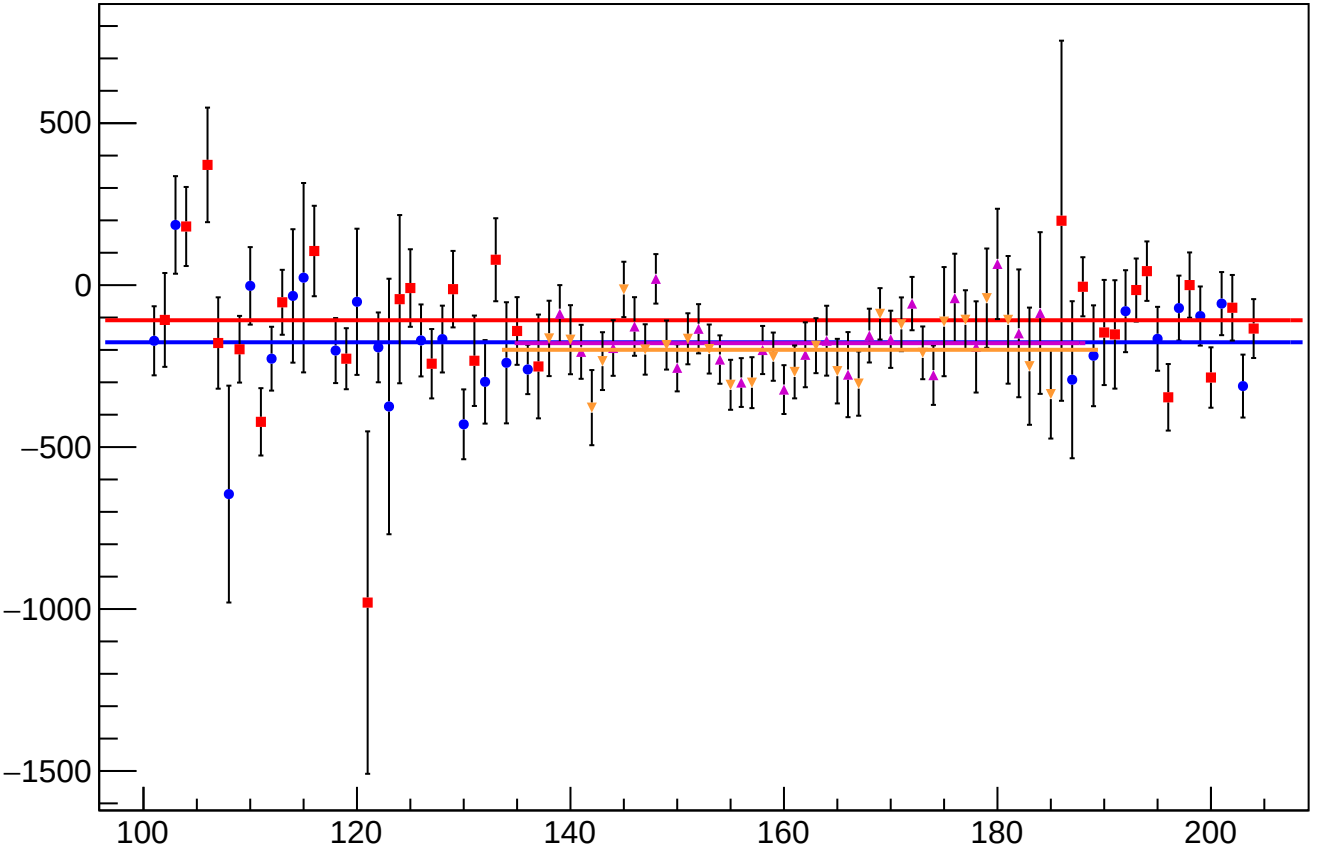
Right: 389.716+/-0.065 χ^2/NDF: 15869540.2/53

In: 336.586+/-0.047 χ^2/NDF:7809098.0/47

Out: 332.461+/-0.045 χ^2/NDF:11082807.1/53

All: 334.433+/-0.033 χ^2/NDF: 18895890.4/10

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -176.374+/-23.997 χ^2/NDF: 25.7/24

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -108.399+/-21.900 χ^2/NDF: 52.5/28

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

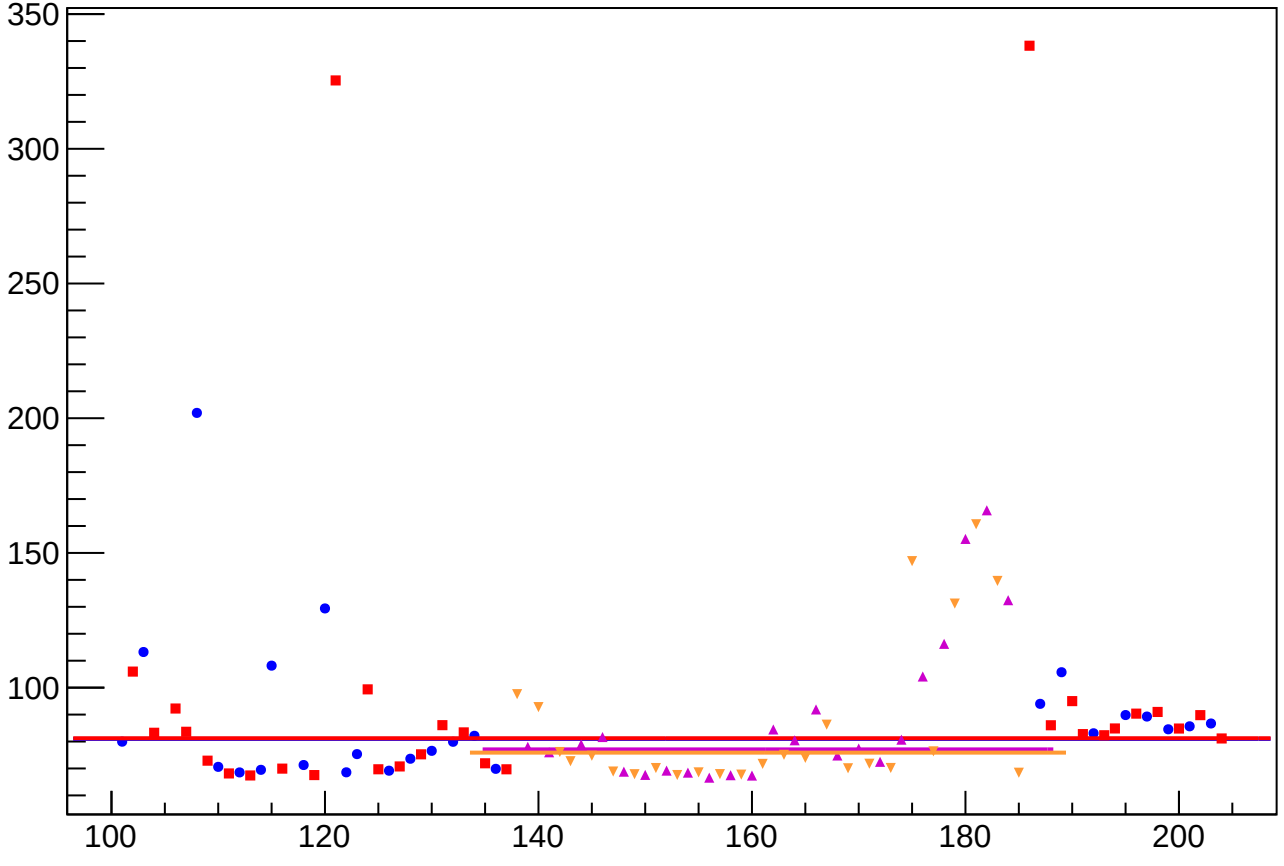
Right: -139.287+/-16.176 χ^2/NDF: 82.6/53

In: -178.075+/-14.950 χ^2/NDF:49.6/47

Out: -161.759+/-14.111 χ^2/NDF:82.9/53

All: -169.446+/-10.262 χ^2/NDF: 133.1/101

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 80.975+/-0.017 χ^2/NDF: 741290.2/24

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 81.212+/-0.015 χ^2/NDF: 1216294.4/28

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

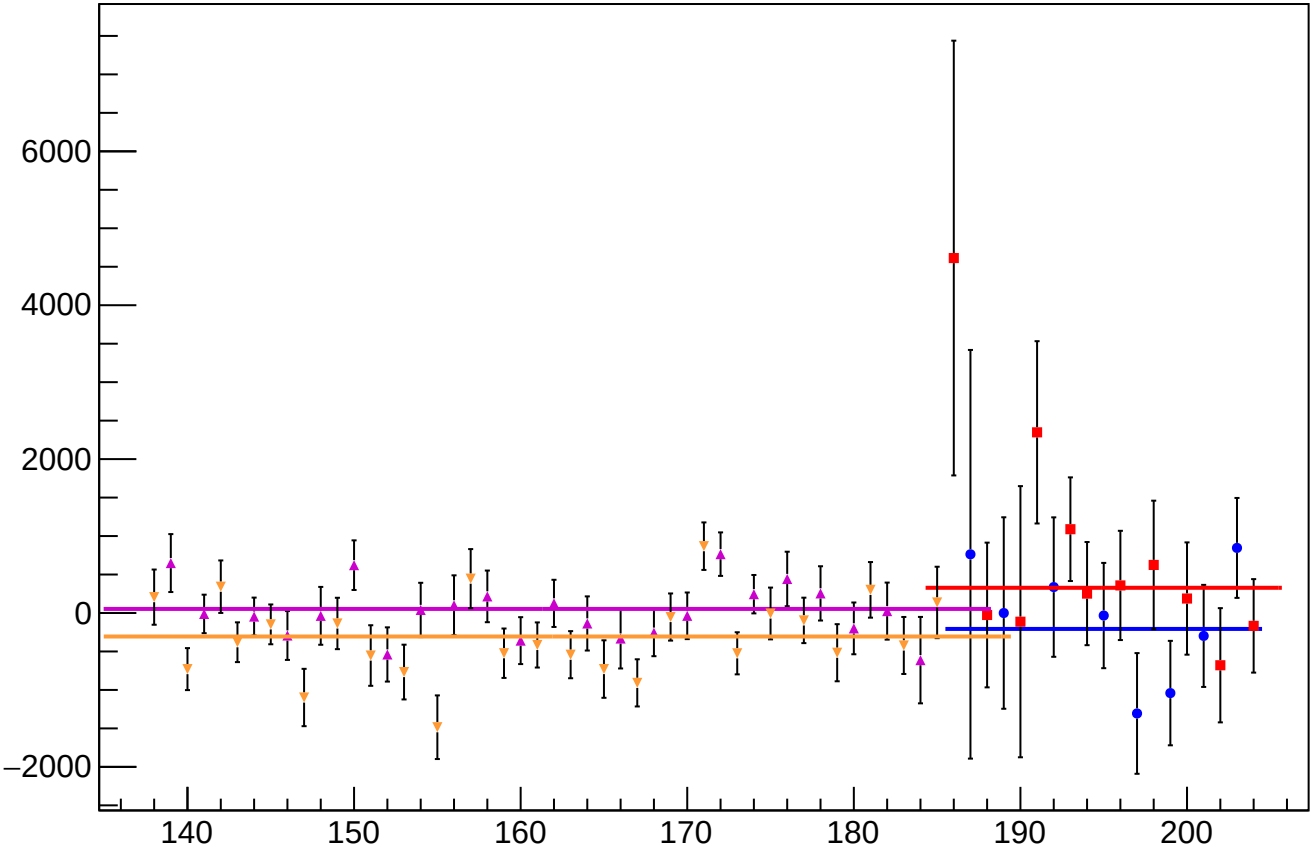
Right: 81.104+/-0.011 χ^2/NDF: 1957691.0/53

In: 78.592+/-0.011 χ^2/NDF:2196522.7/47

Out: 78.096+/-0.010 χ^2/NDF:2838051.7/53

All: 78.329+/-0.007 χ^2/NDF: 5035738.4/101

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -207.074+/-281.907 χ^2/NDF: 6.7/7

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 327.659+/-245.886 χ^2/NDF: 9.4/10

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

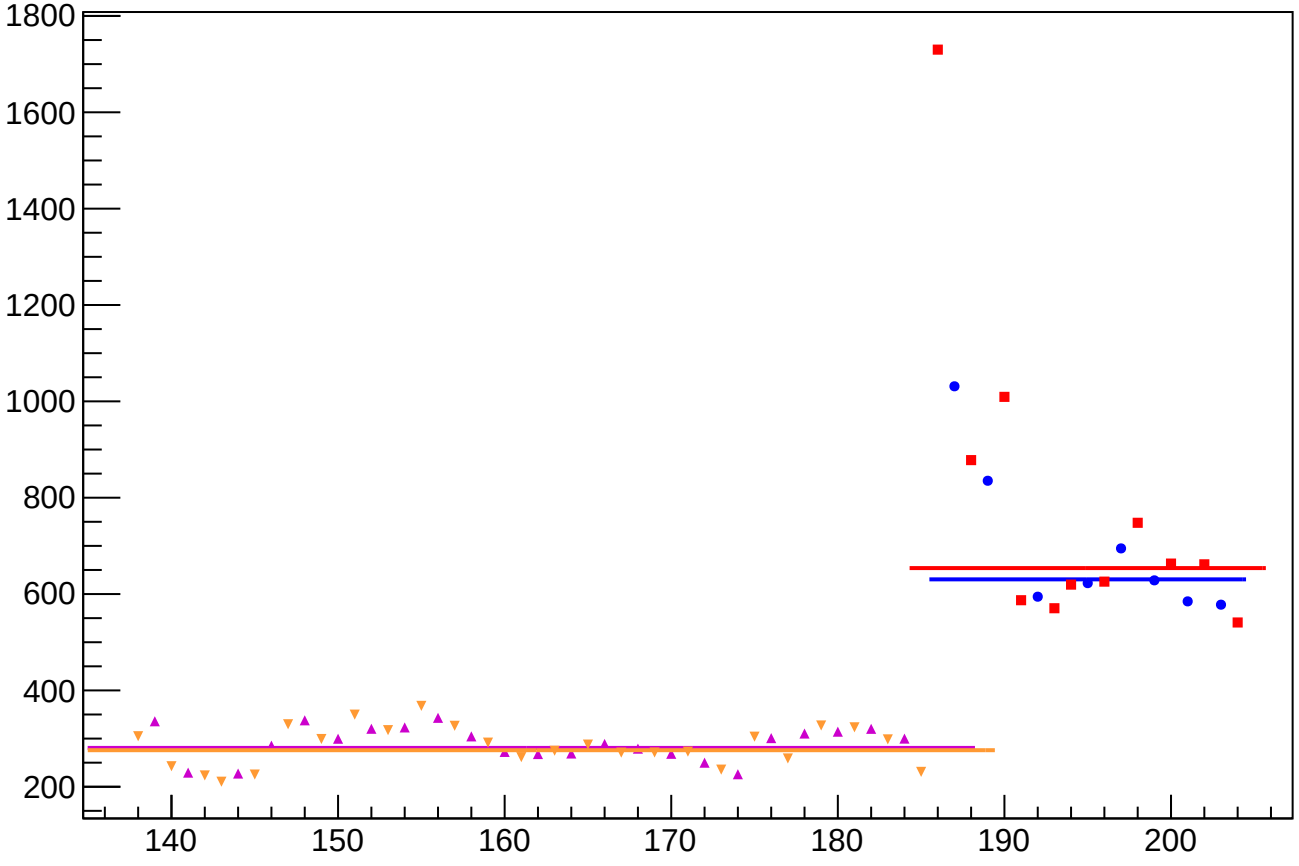
Right: 96.618+/-185.303 χ^2/NDF: 18.1/18

In: 38.655+/-65.680 χ^2/NDF:32.4/30

Out: -263.904+/-63.136 χ^2/NDF:70.5/35

All: -118.597+/-45.517 χ^2/NDF: 113.9/66

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 630.507+/-0.199 χ^2/NDF: 139112.9/7

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 653.908+/-0.174 χ^2/NDF: 625427.2/10

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

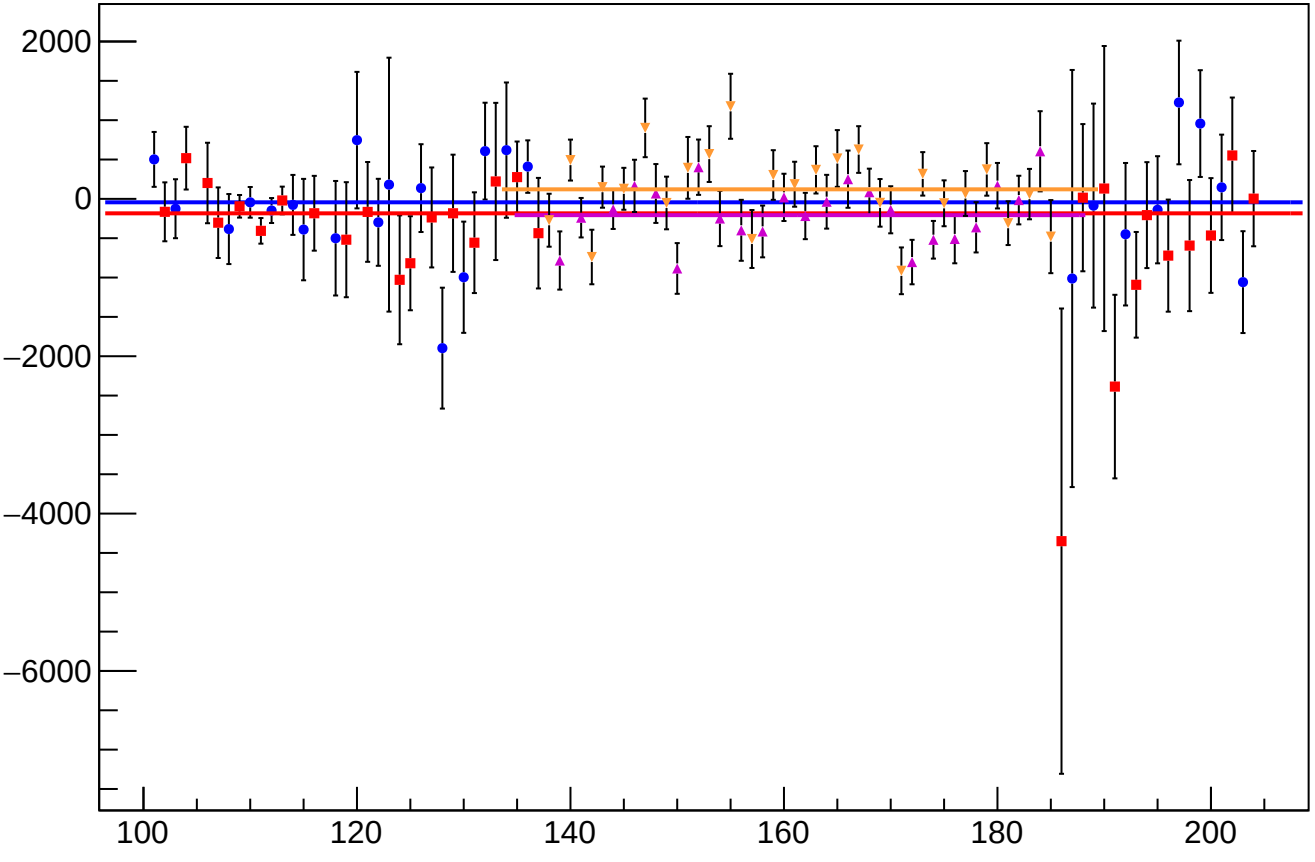
Right: 643.797+/-0.131 χ^2/NDF: 772366.6/18

In: 299.621+/-0.046 χ^2/NDF:3640024.9/30

Out: 300.823+/-0.045 χ^2/NDF:5793638.2/35

All: 300.246+/-0.032 χ^2/NDF: 9434011.7/66

asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.757+/-86.063 χ^2/NDF: 24.2/24

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -183.883+/-73.515 χ^2/NDF: 20.4/28

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

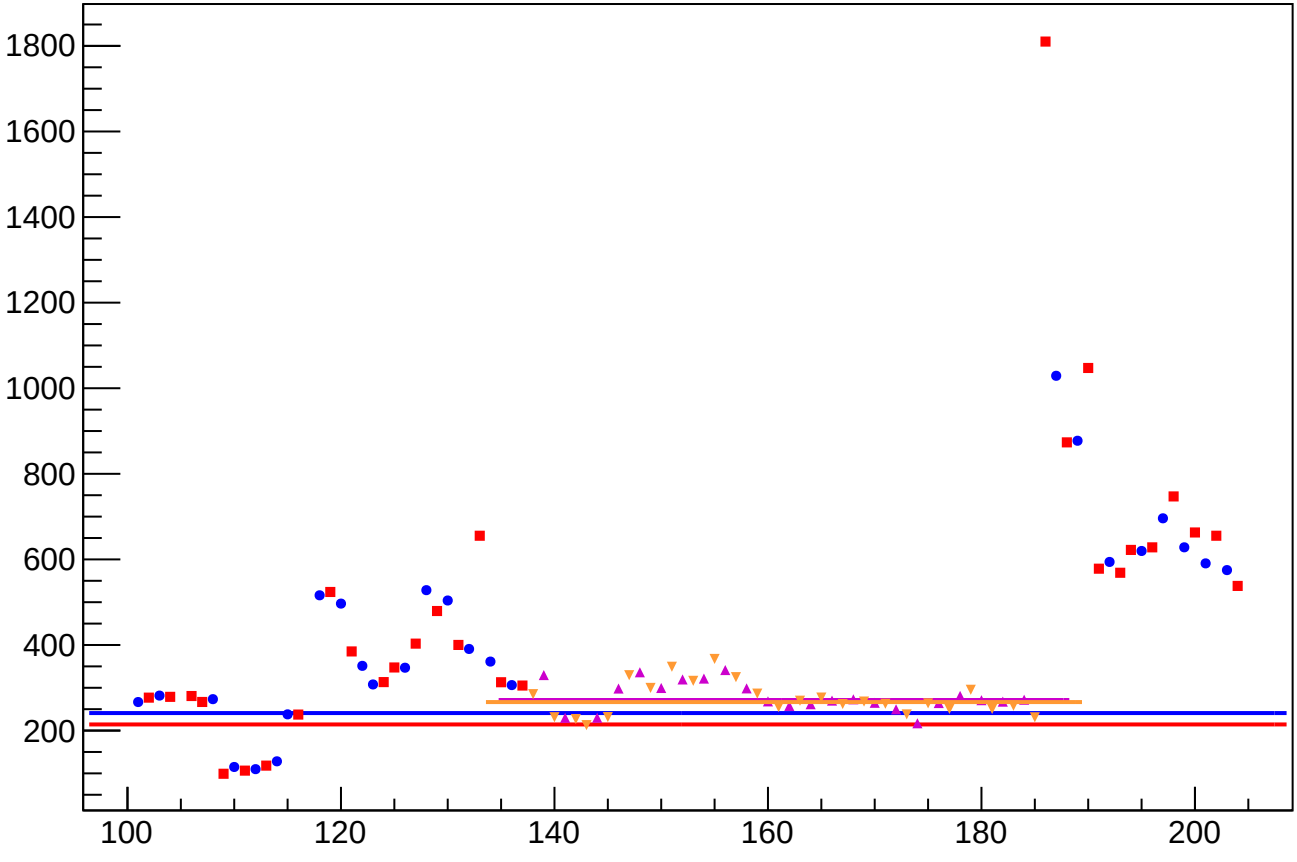
Right: -124.771+/-55.898 χ^2/NDF: 46.2/53

In: -147.450+/-51.994 χ^2/NDF:54.3/47

Out: -7.779+/-47.798 χ^2/NDF:79.4/53

All: -71.753+/-35.188 χ^2/NDF: 137.6/101

asym_sam8_rms vs Slug, Sign Corrected



Right In: 240.929+/-0.061 χ^2/NDF: 7810393.7/24

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 214.326+/-0.052 χ^2/NDF: 11710671.3/28

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

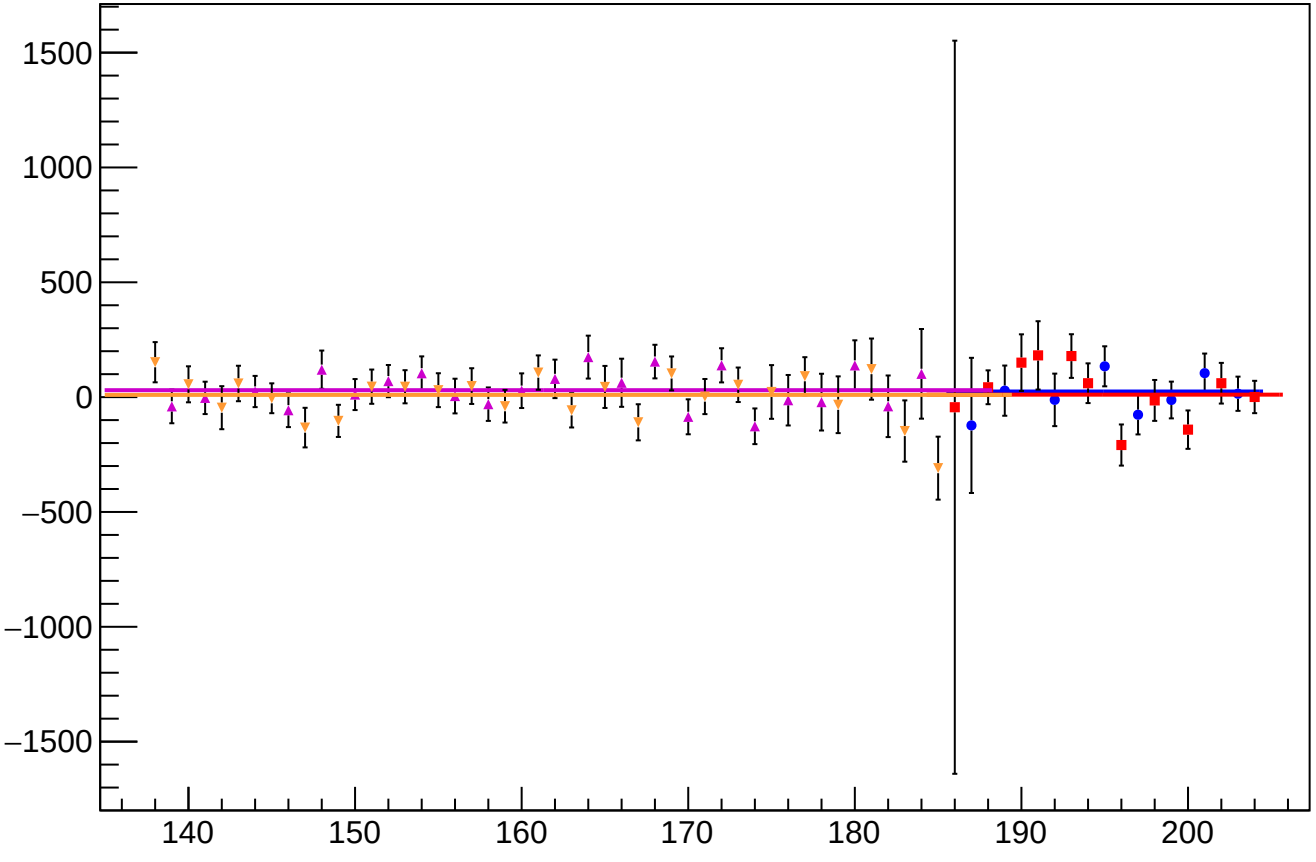
Right: 225.548+/-0.040 χ^2/NDF: 19631550.3/53

In: 260.311+/-0.037 χ^2/NDF:8501029.2/47

Out: 244.512+/-0.034 χ^2/NDF:12934044.2/53

All: 251.748+/-0.025 χ^2/NDF: 21535158.6/10

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 24.446+/-33.088 χ^2/NDF: 4.4/7

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 10.766+/-28.138 χ^2/NDF: 16.0/10

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

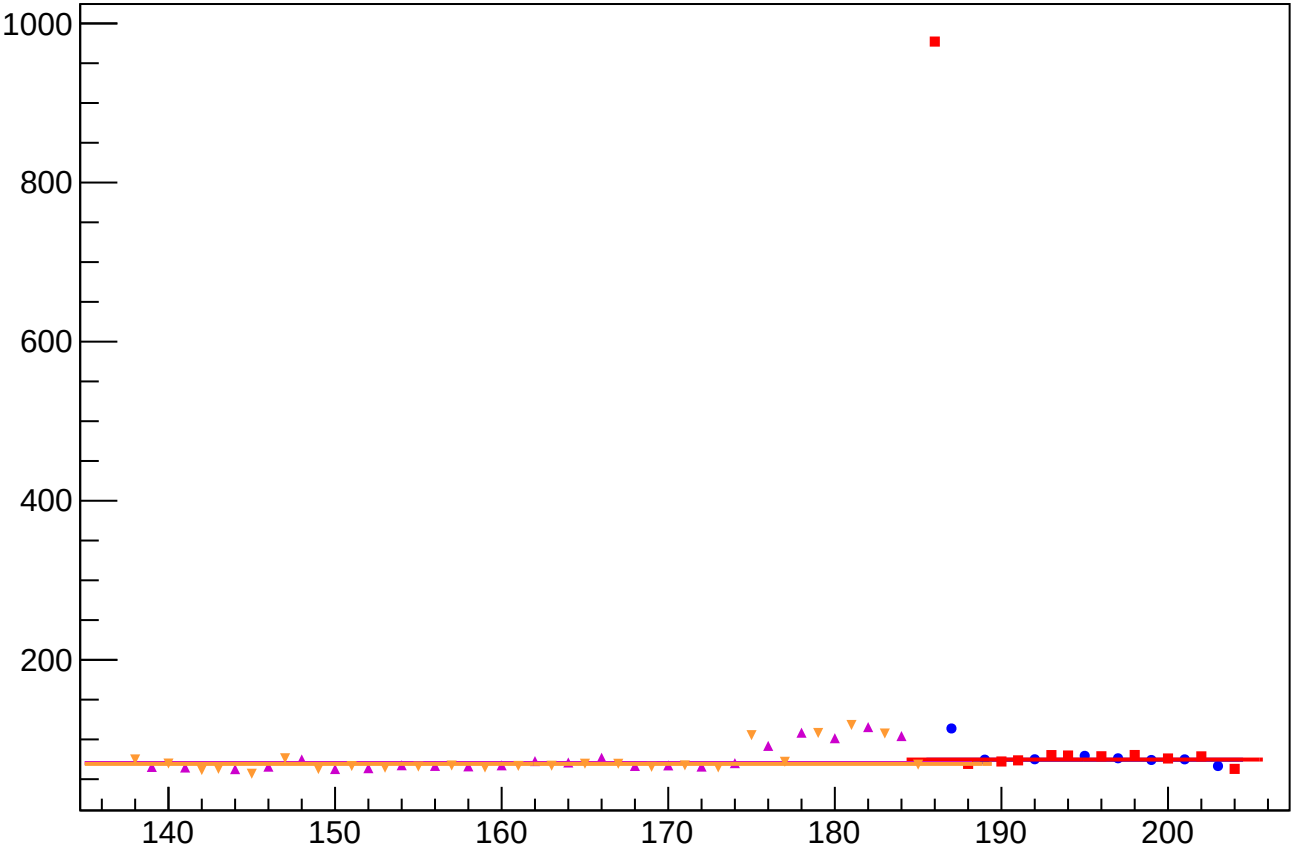
Right: 16.507+/-21.435 χ^2/NDF: 20.5/18

In: 29.023+/-15.143 χ^2/NDF:26.4/30

Out: 10.018+/-14.210 χ^2/NDF:41.9/35

All: 18.917+/-10.362 χ^2/NDF: 69.1/66

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 74.445+/-0.023 χ^2/NDF: 65597.0/7

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 74.693+/-0.020 χ^2/NDF: 737825.4/10

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

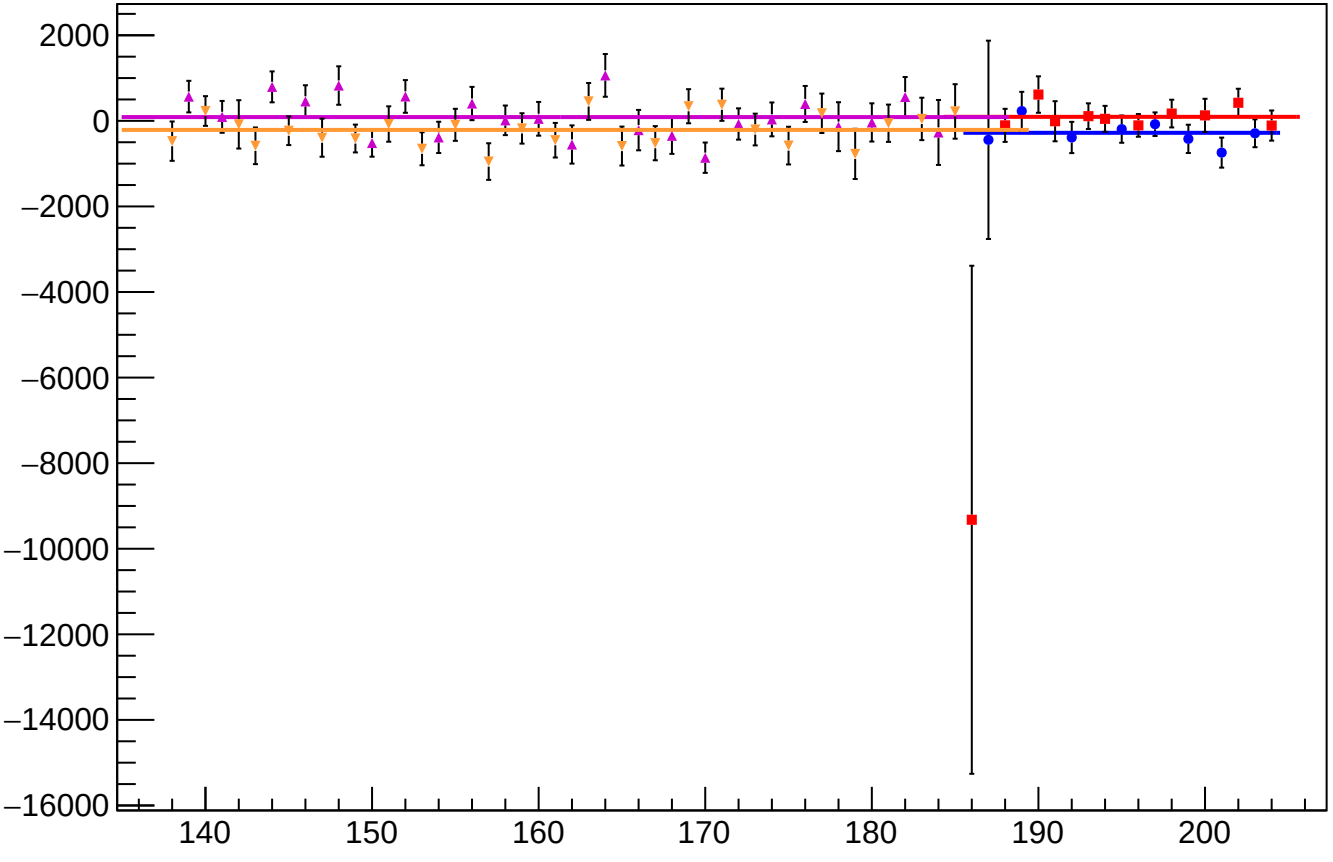
Right: 74.589+/-0.015 χ^2/NDF: 803487.4/18

In: 71.186+/-0.011 χ^2/NDF:952247.5/30

Out: 70.626+/-0.010 χ^2/NDF:1799821.8/35

All: 70.888+/-0.007 χ^2/NDF: 2753523.0/66

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -279.506+/-126.657 χ^2/NDF: 3.9/7

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 93.613+/-107.484 χ^2/NDF: 6.3/10

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

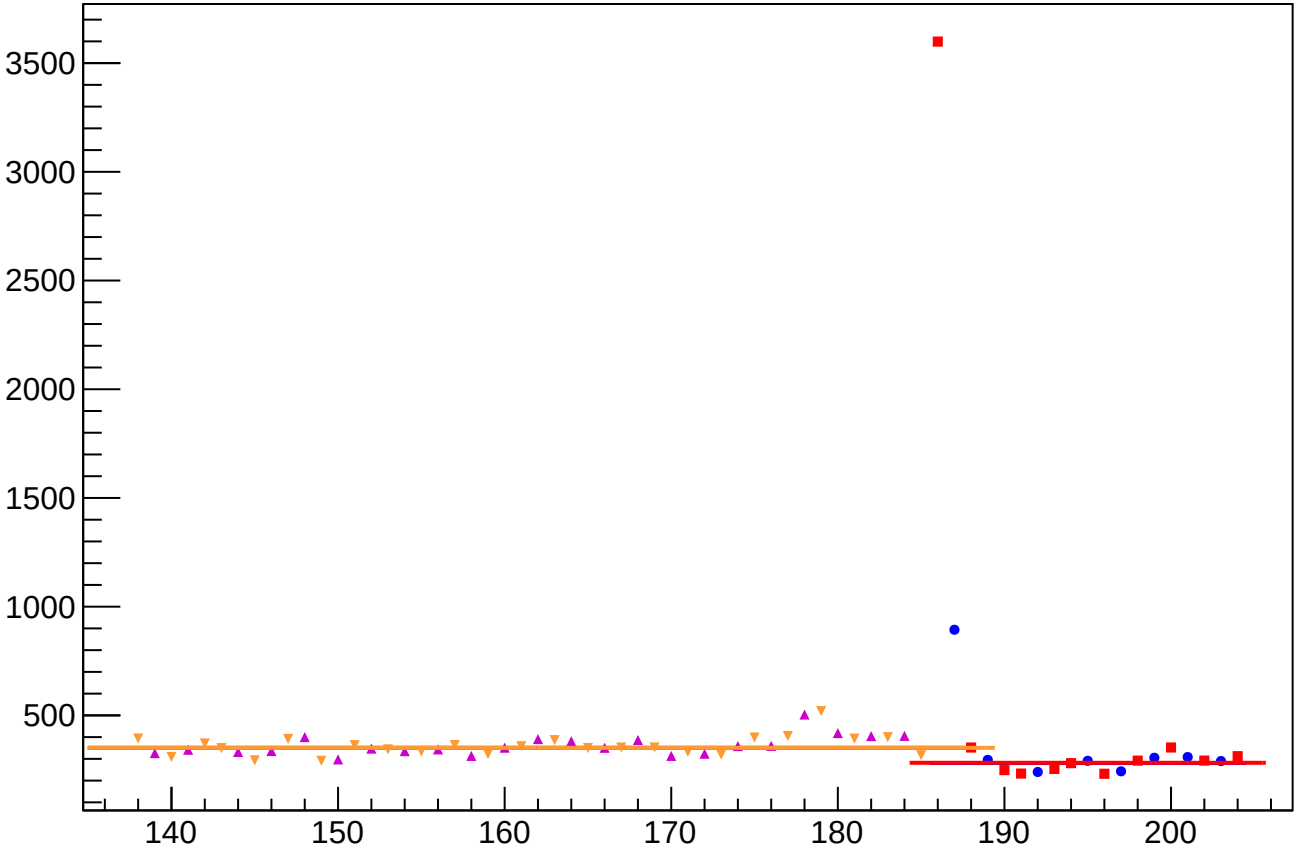
Right: -62.595+/-81.952 χ^2/NDF: 15.3/18

In: -24.797+/-70.183 χ^2/NDF:43.2/30

Out: -97.919+/-65.584 χ^2/NDF:30.8/35

All: -63.832+/-47.918 χ^2/NDF: 74.6/66

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 280.960+/-0.090 χ^2/NDF: 232287.3/7

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 281.937+/-0.076 χ^2/NDF: 900325.4/10

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

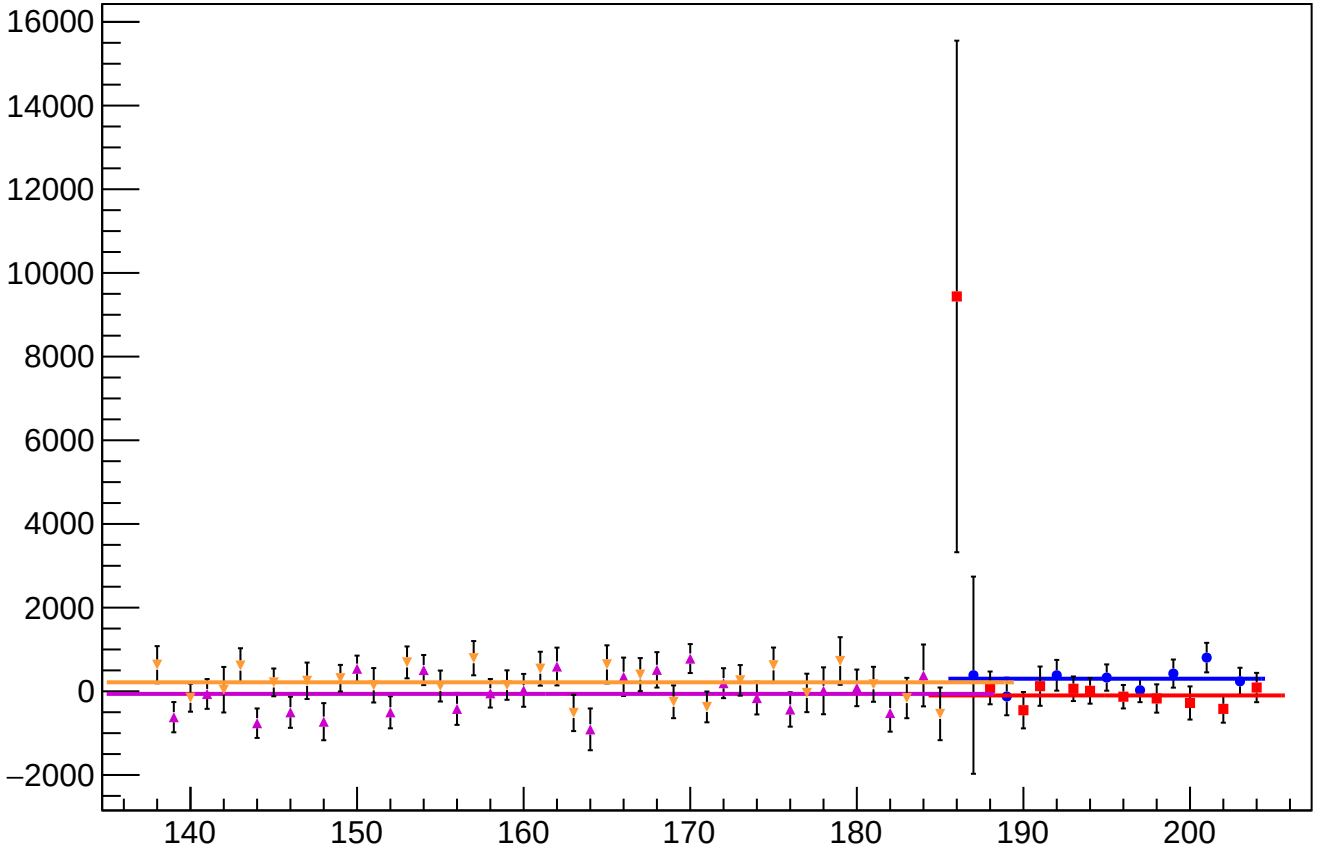
Right: 281.528+/-0.058 χ^2/NDF: 1132681.8/18

In: 329.457+/-0.050 χ^2/NDF:1080293.4/30

Out: 325.149+/-0.046 χ^2/NDF:1921615.0/35

All: 327.157+/-0.034 χ^2/NDF: 3005930.4/66

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 300.852+/-127.706 χ^2/NDF: 4.1/7

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -98.711+/-109.291 χ^2/NDF: 5.5/10

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

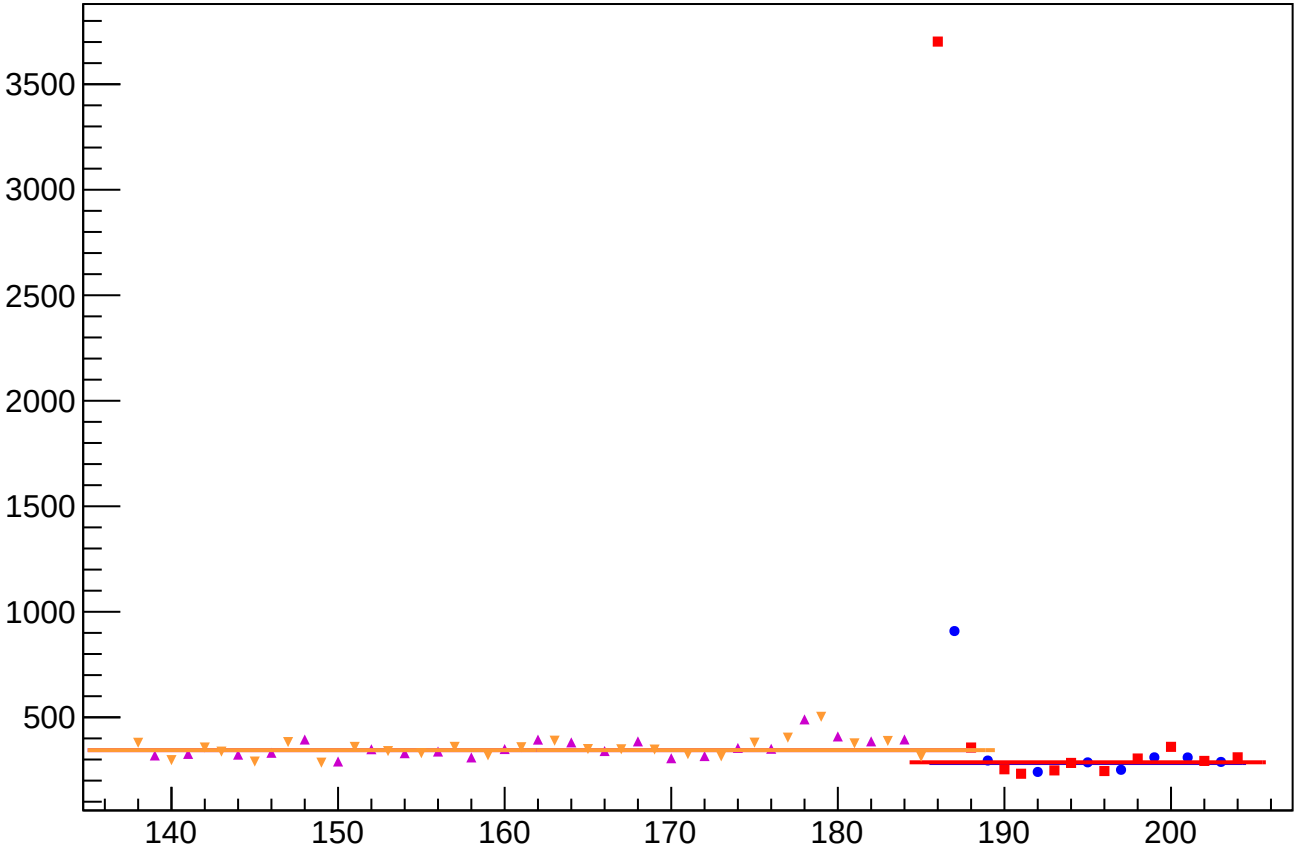
Right: 70.210+/-83.035 χ^2/NDF: 15.2/18

In: 45.654+/-69.499 χ^2/NDF:44.7/30

Out: 103.498+/-65.197 χ^2/NDF:30.4/35

All: 76.422+/-47.550 χ^2/NDF: 75.4/66

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 283.337+/-0.090 χ^2/NDF: 218899.0/7

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 286.791+/-0.077 χ^2/NDF: 887899.5/10

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

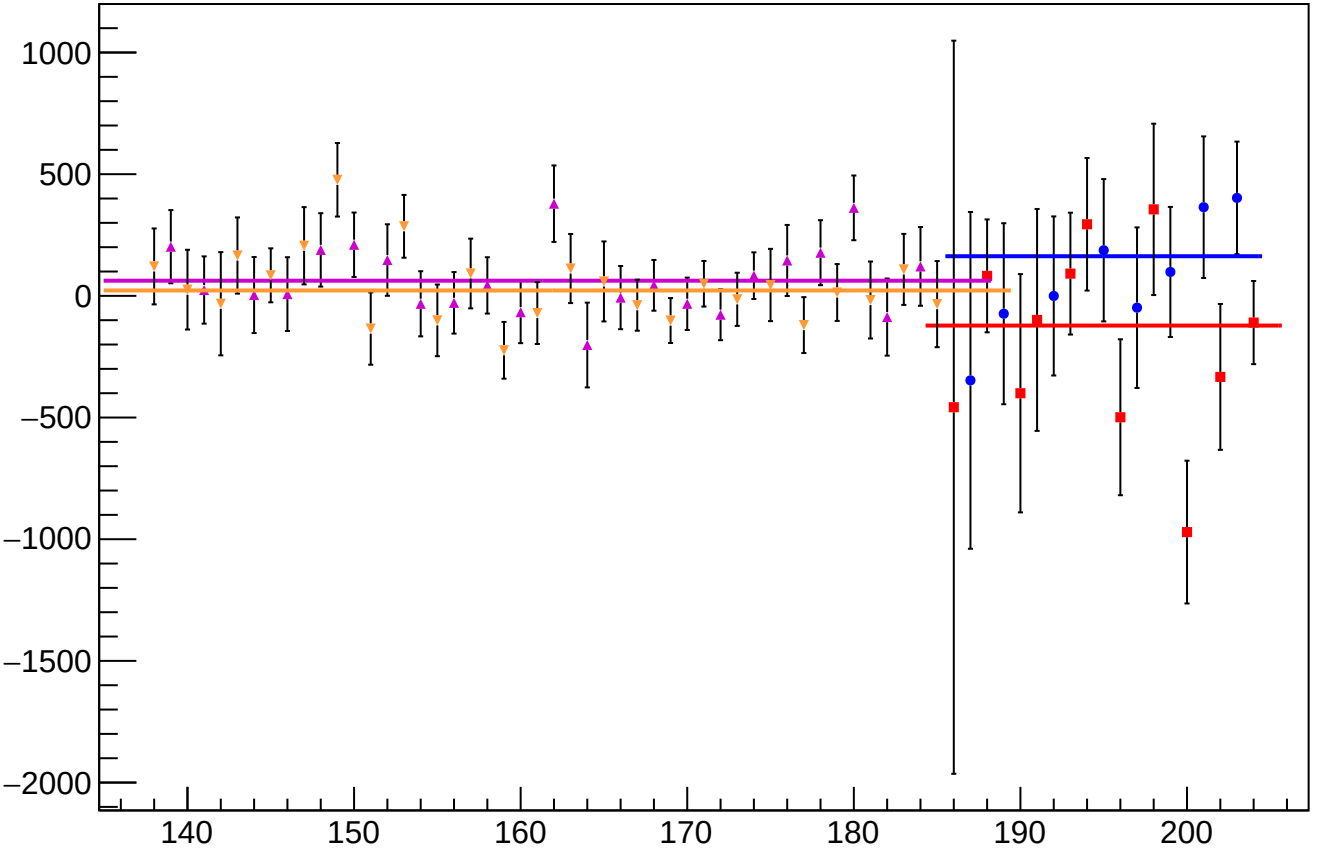
Right: 285.331+/-0.059 χ^2/NDF: 1107643.2/18

In: 326.368+/-0.049 χ^2/NDF:974924.4/30

Out: 323.924+/-0.046 χ^2/NDF:1734709.1/35

All: 325.068+/-0.034 χ^2/NDF: 2710949.0/66

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 162.848+/-109.060 χ^2/NDF: 3.2/7

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: -122.074+/-86.951 χ^2/NDF: 16.3/10

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

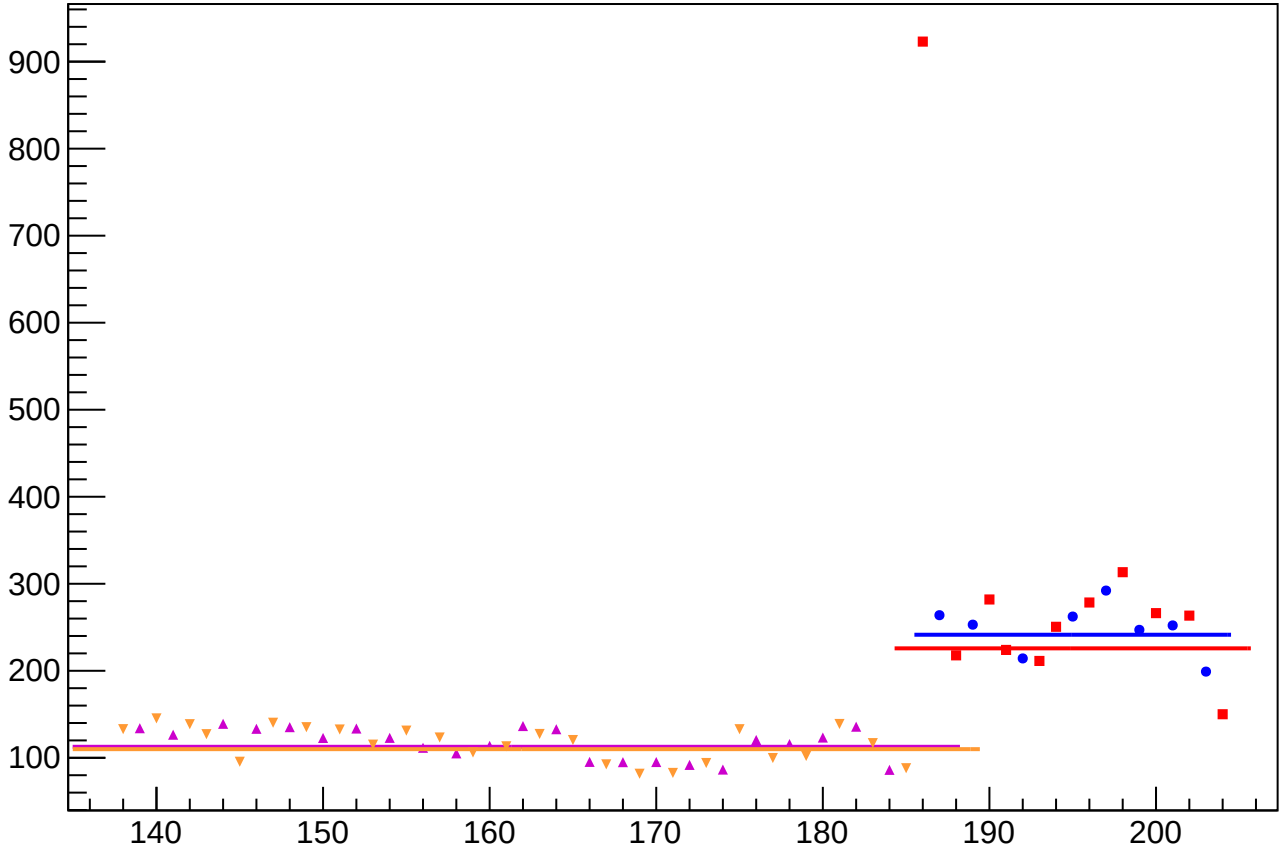
Right: -11.347+/-67.988 χ^2/NDF: 23.7/18

In: 68.279+/-26.573 χ^2/NDF:26.0/30

Out: 10.087+/-25.160 χ^2/NDF:46.9/35

All: 37.595+/-18.270 χ^2/NDF: 75.5/66

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 241.424+/-0.077 χ^2/NDF: 146135.5/7

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 225.778+/-0.061 χ^2/NDF: 1120606.3/10

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

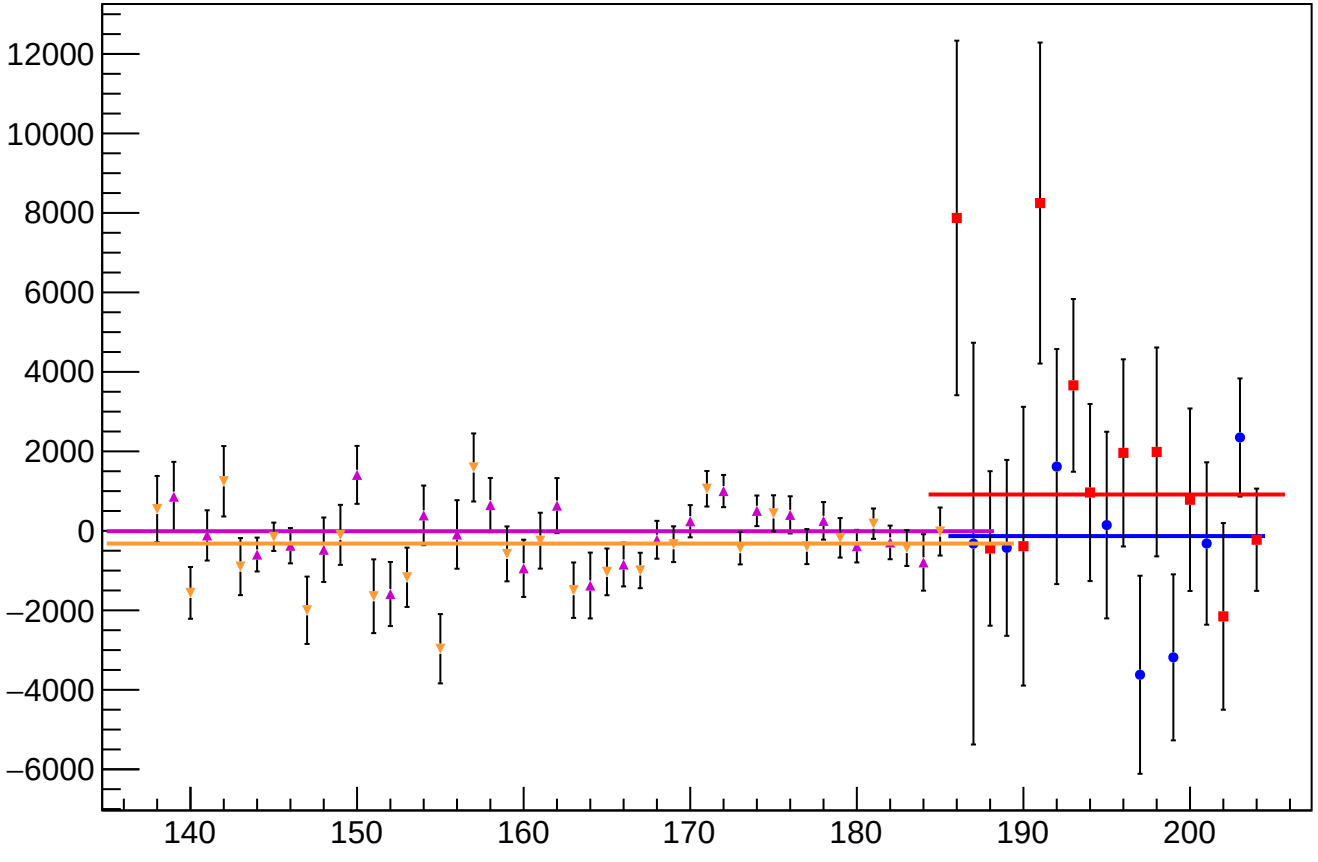
Right: 231.859+/-0.048 χ^2/NDF: 1291908.0/18

In: 120.301+/-0.019 χ^2/NDF:3604550.8/30

Out: 119.650+/-0.018 χ^2/NDF:5512947.5/35

All: 119.958+/-0.013 χ^2/NDF: 9118131.7/66

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -131.890+/-785.315 χ^2/NDF: 7.3/7

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 915.094+/-678.701 χ^2/NDF: 10.8/10

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

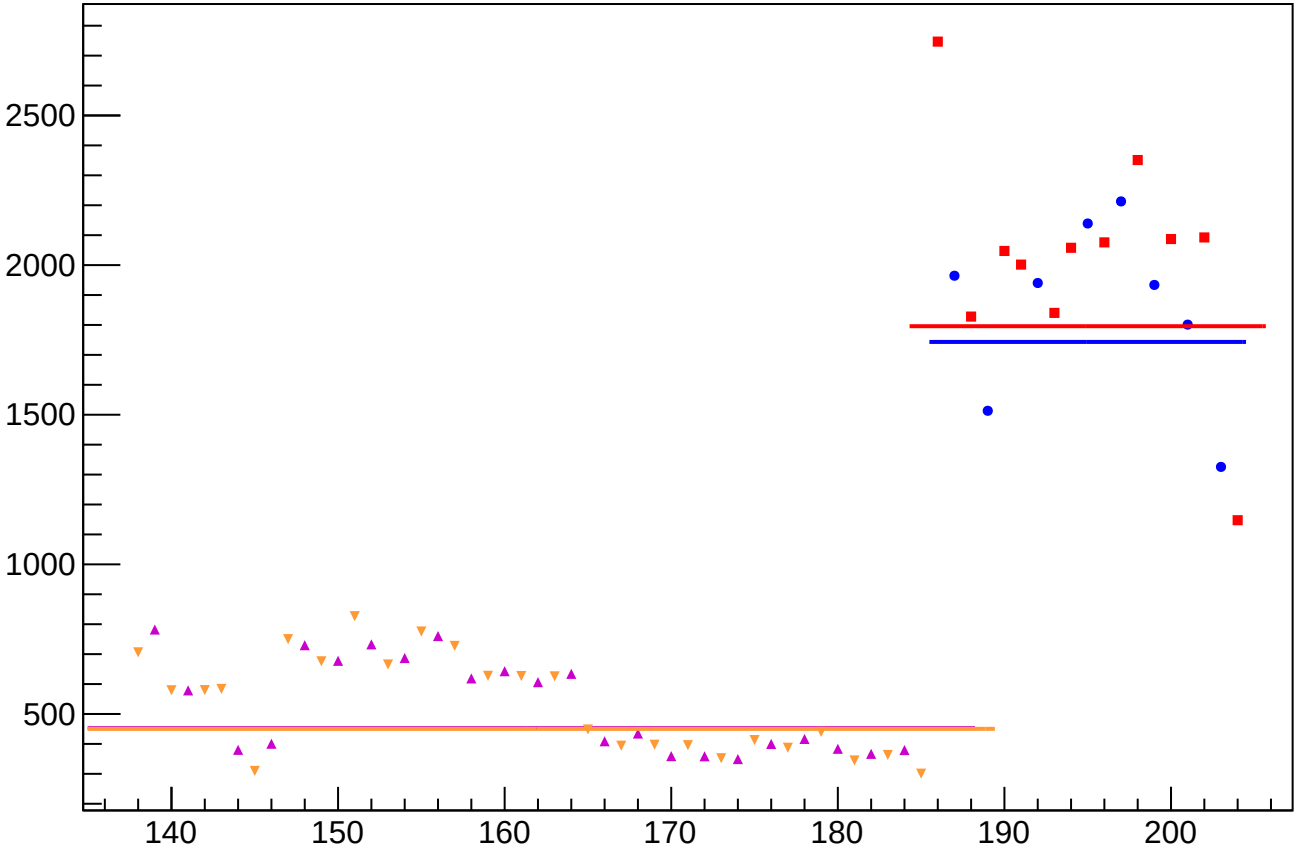
Right: 467.444+/-513.503 χ^2/NDF: 19.1/18

In: -11.917+/-111.208 χ^2/NDF:39.8/30

Out: -287.623+/-108.877 χ^2/NDF:65.6/35

All: -152.690+/-77.799 χ^2/NDF: 108.5/66

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1743.303+/-0.555 χ^2/NDF: 338298.1/7

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1795.799+/-0.480 χ^2/NDF: 824909.6/10

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

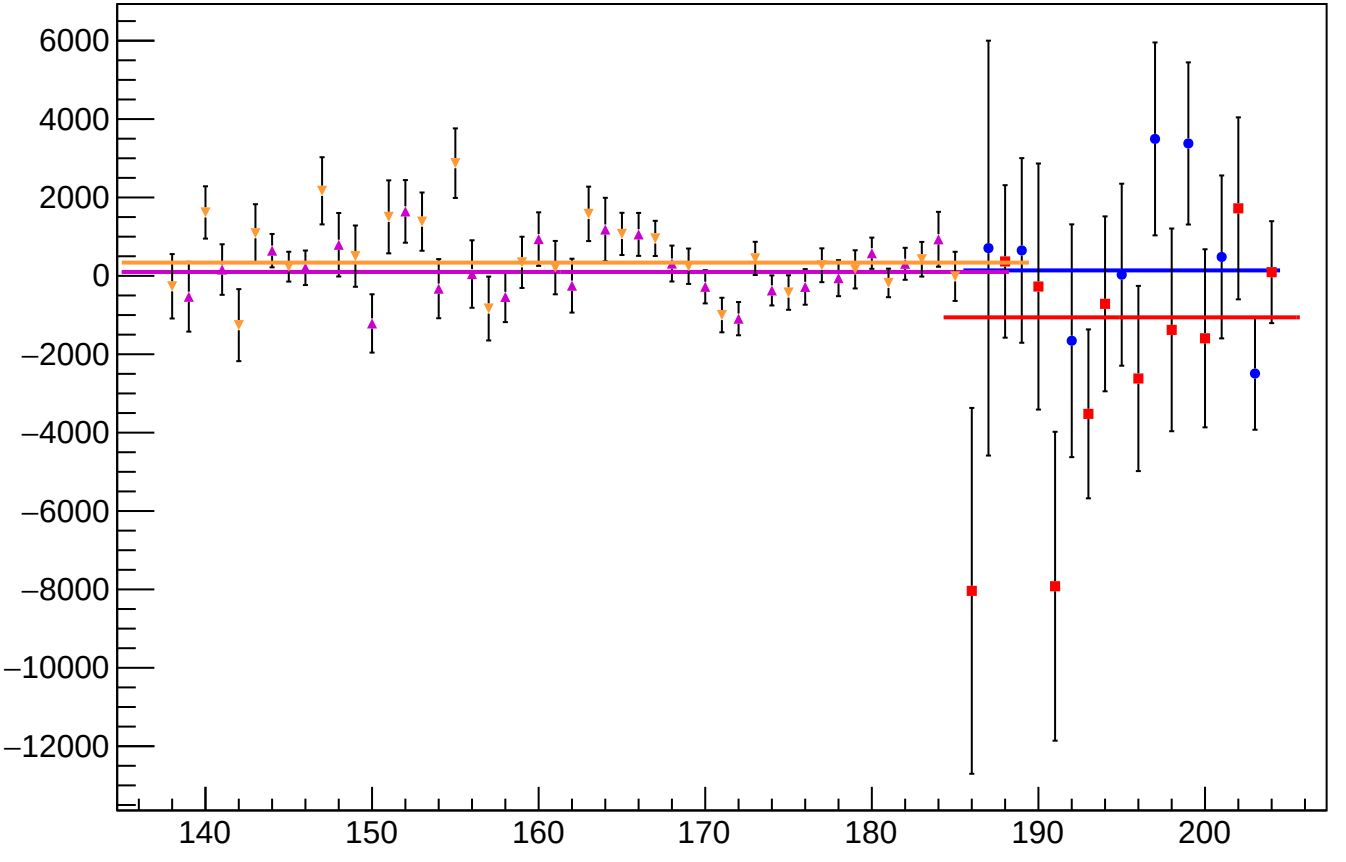
Right: 1773.353+/-0.363 χ^2/NDF: 1168323.7/18

In: 478.575+/-0.079 χ^2/NDF:8217719.9/30

Out: 484.987+/-0.077 χ^2/NDF:11578647.6/35

All: 481.849+/-0.055 χ^2/NDF: 19799762.3/66

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.139+/-782.928 χ^2/NDF: 8.1/7

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -1058.299+/-675.497 χ^2/NDF: 9.9/10

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

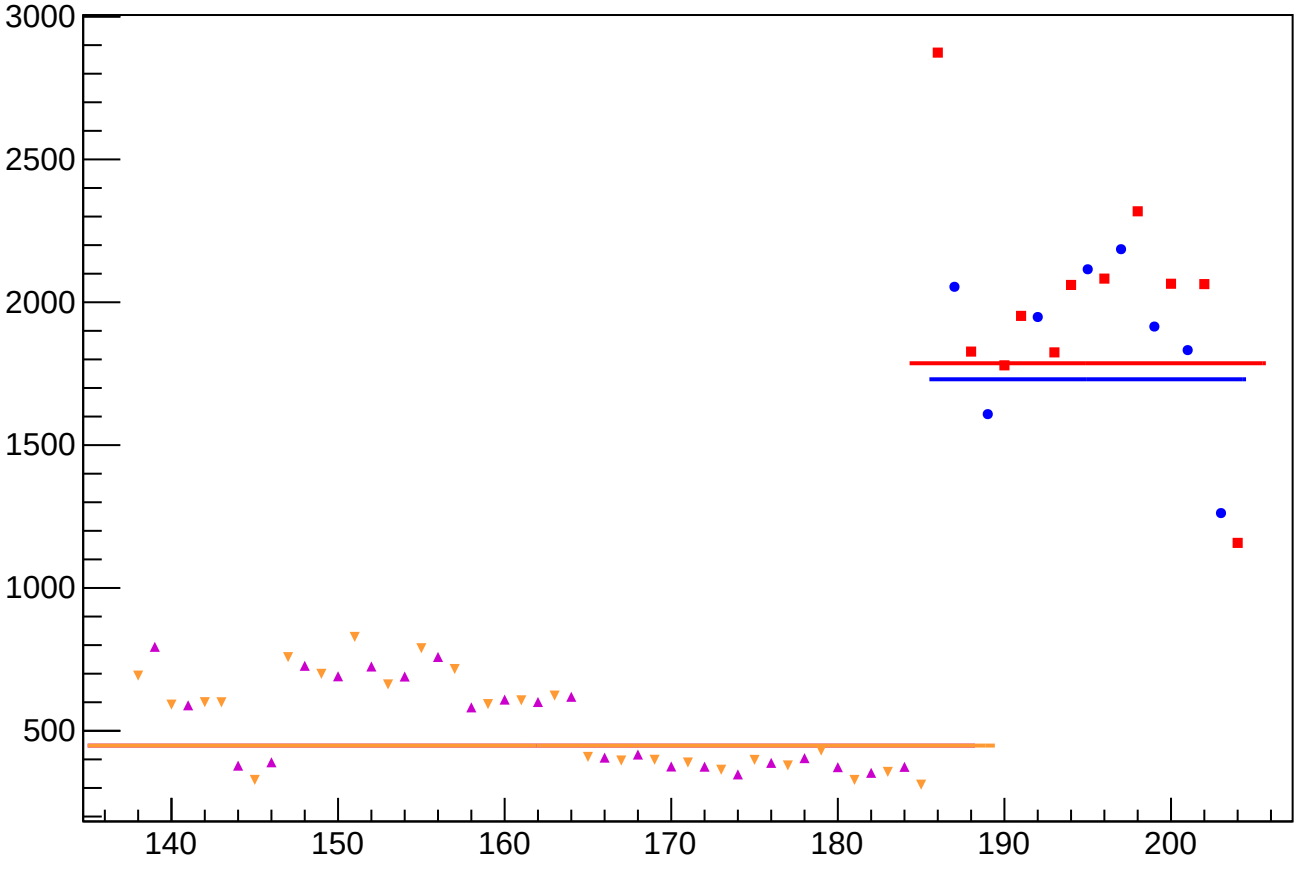
Right: -547.311+/-511.447 χ^2/NDF: 19.4/18

In: 100.263+/-110.362 χ^2/NDF:40.2/30

Out: 301.987+/-108.407 χ^2/NDF:62.7/35

All: 202.927+/-77.337 χ^2/NDF: 104.5/66

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1730.444+/-0.554 χ^2/NDF: 381070.8/7

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1786.564+/-0.478 χ^2/NDF: 785858.5/10

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

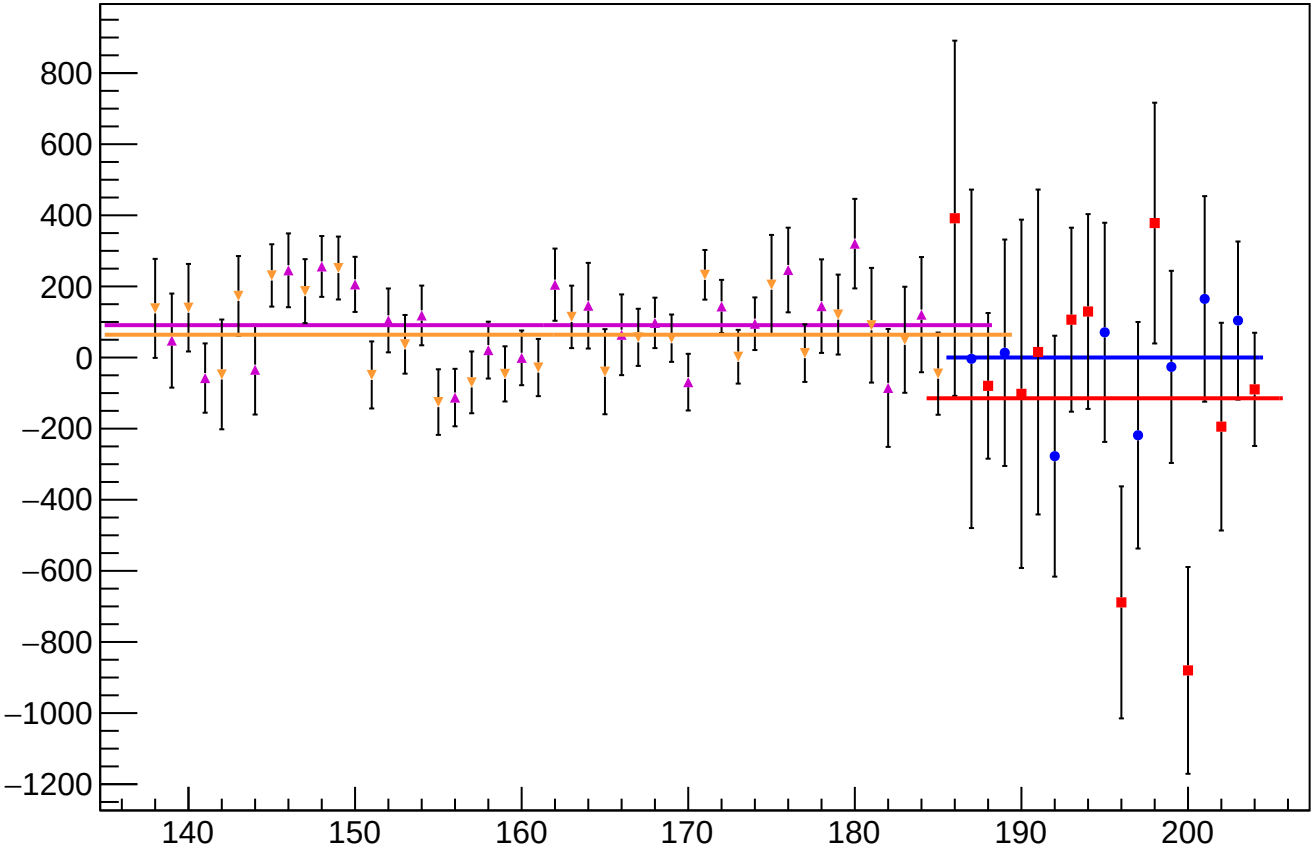
Right: 1762.615+/-0.362 χ^2/NDF: 1172820.2/18

In: 473.716+/-0.078 χ^2/NDF:8202095.2/30

Out: 482.862+/-0.077 χ^2/NDF:11509714.1/35

All: 478.370+/-0.055 χ^2/NDF: 19718800.2/66

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.087+/-105.843 χ^2/NDF: 1.7/7

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: -114.615+/-82.710 χ^2/NDF: 14.9/10

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

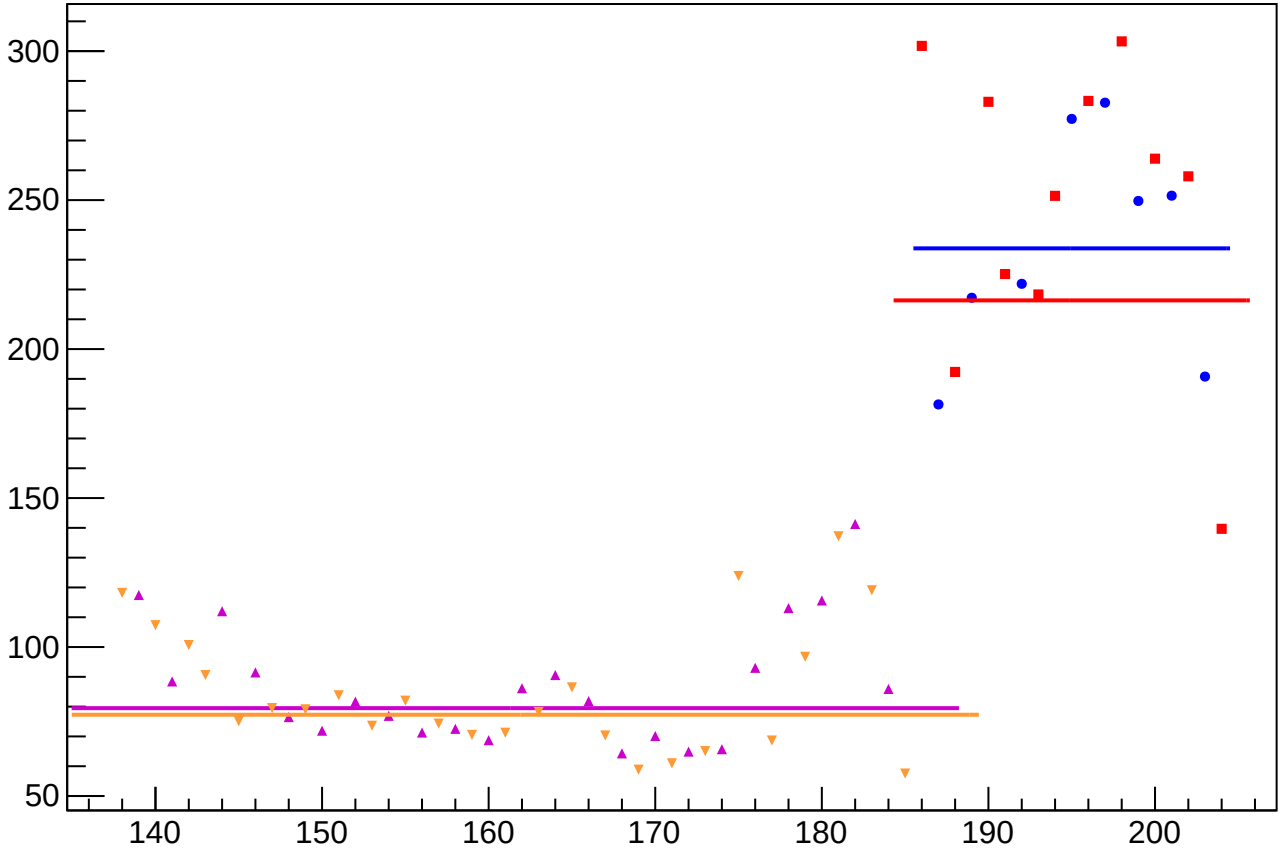
Right: -71.128+/-65.172 χ^2/NDF: 17.4/18

In: 88.002+/-19.308 χ^2/NDF:35.1/30

Out: 55.424+/-18.265 χ^2/NDF:53.1/35

All: 70.810+/-13.269 χ^2/NDF: 89.7/66

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 233.803+/-0.075 χ^2/NDF: 208280.1/7

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 216.342+/-0.058 χ^2/NDF: 930659.2/10

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

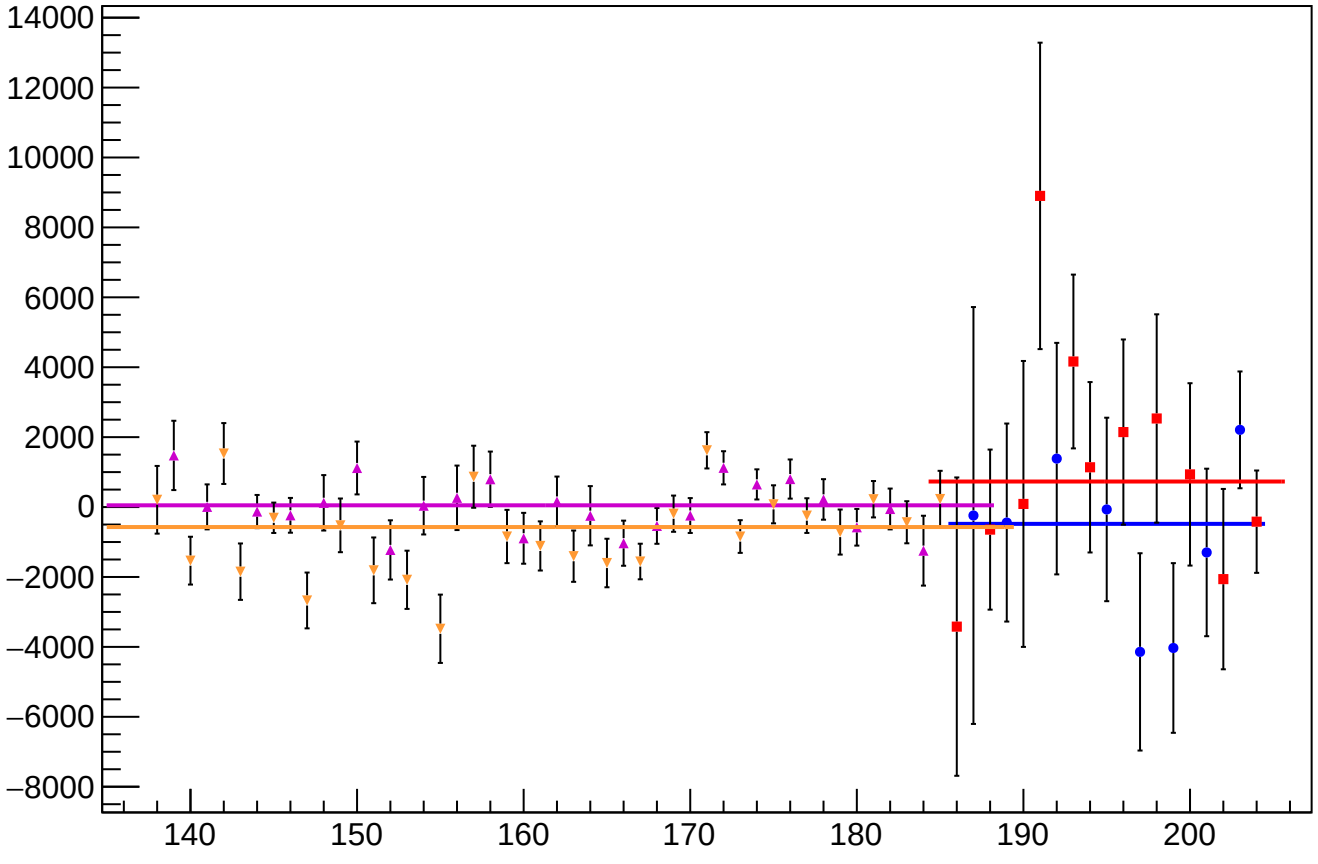
Right: 222.962+/-0.046 χ^2/NDF: 1172732.6/18

In: 84.626+/-0.014 χ^2/NDF:5651690.1/30

Out: 84.061+/-0.013 χ^2/NDF:7862033.1/35

All: 84.328+/-0.009 χ^2/NDF: 13514627.2/66

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -480.461+/-906.458 χ^2/NDF: 6.9/7

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 730.655+/-765.450 χ^2/NDF: 9.2/10

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

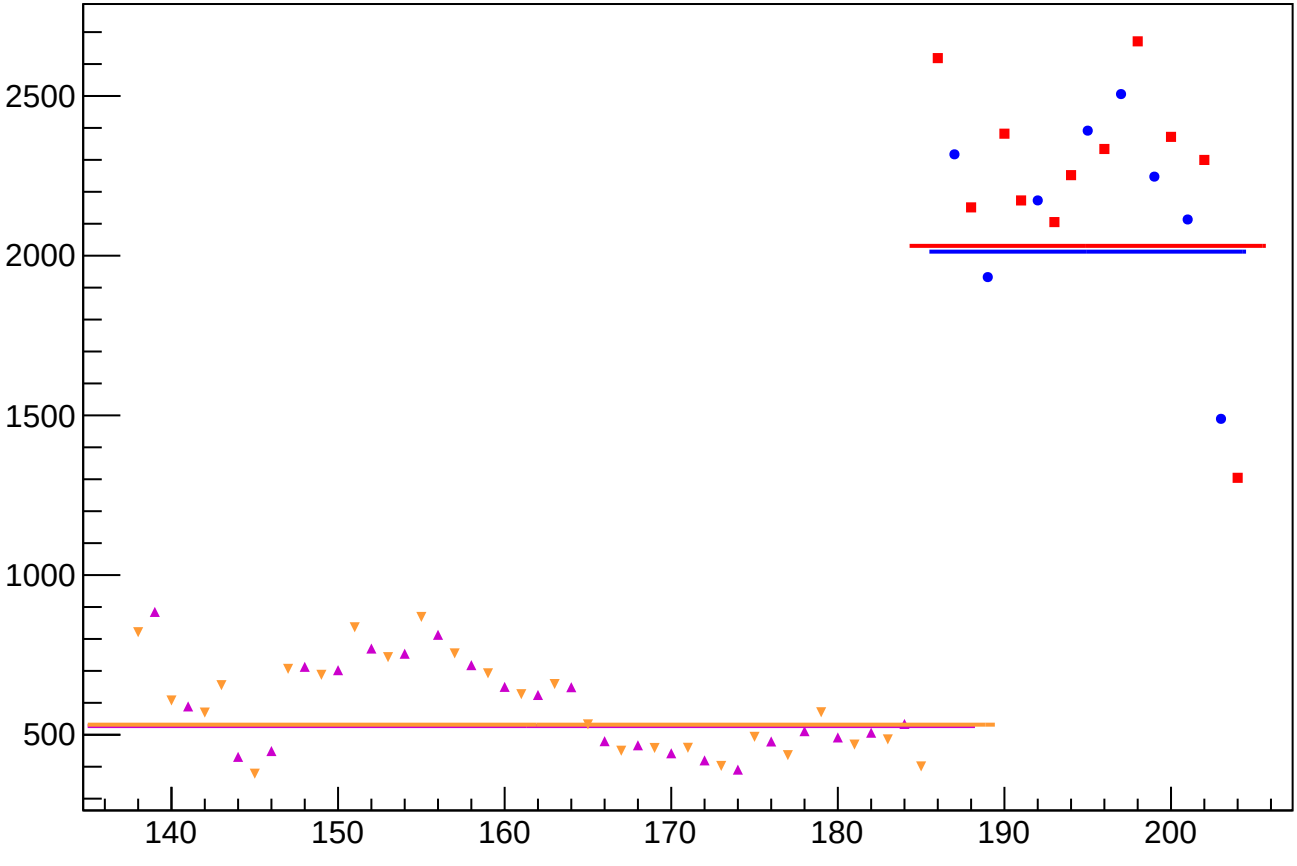
Right: 226.520+/-584.828 χ^2/NDF: 17.1/18

In: 39.515+/-127.894 χ^2/NDF:33.4/30

Out: -536.157+/-126.398 χ^2/NDF:78.8/35

All: -251.707+/-89.901 χ^2/NDF: 122.4/66

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 2012.656+/-0.641 χ^2/NDF: 332978.9/7

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2030.745+/-0.541 χ^2/NDF: 745465.3/10

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

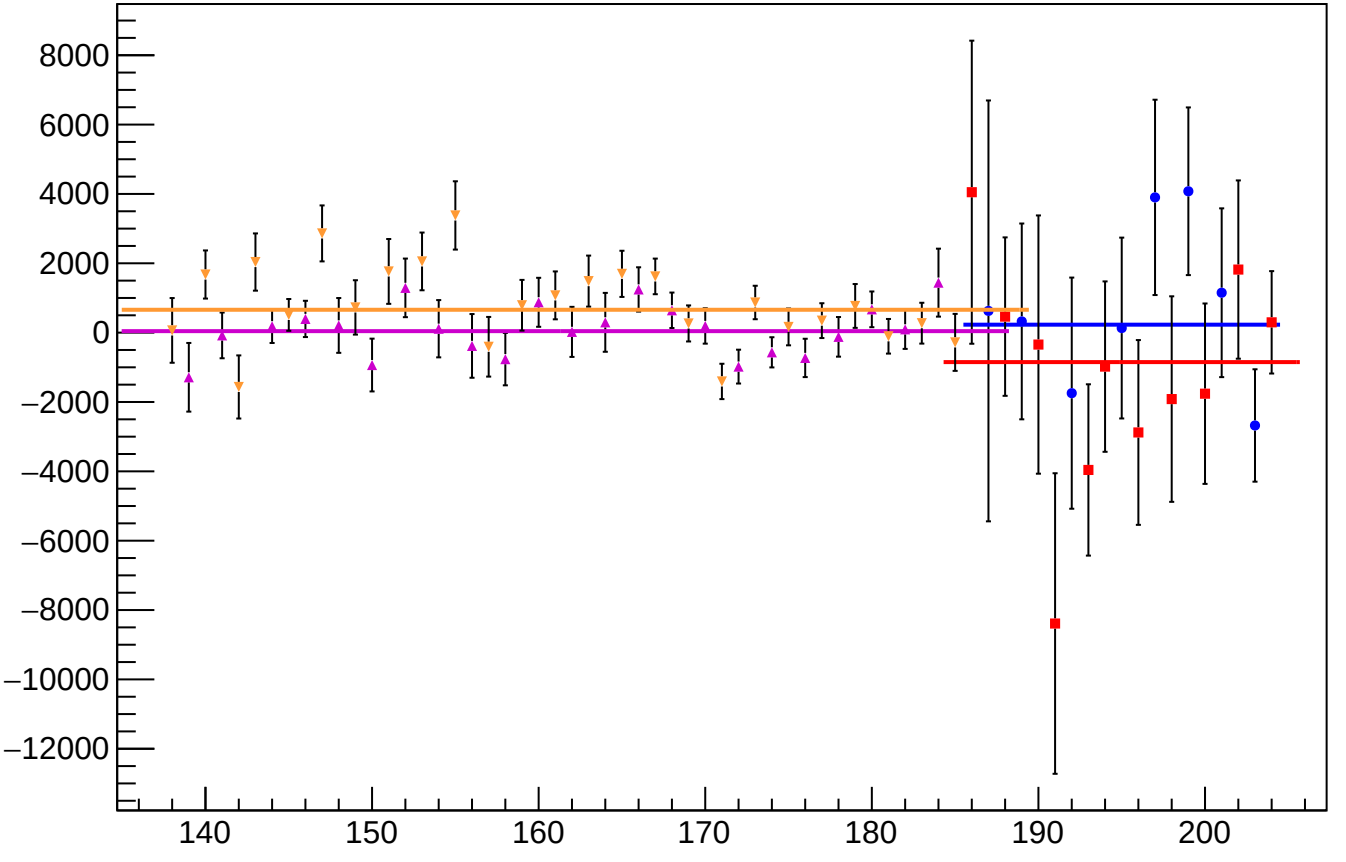
Right: 2023.216+/-0.414 χ^2/NDF: 1078909.2/18

In: 556.754+/-0.090 χ^2/NDF:7410559.6/30

Out: 572.520+/-0.089 χ^2/NDF:10245717.2/35

All: 564.730+/-0.064 χ^2/NDF: 17671652.3/66

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 229.641+/-899.315 χ^2/NDF: 8.0/7

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -849.616+/-764.409 χ^2/NDF: 8.7/10

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

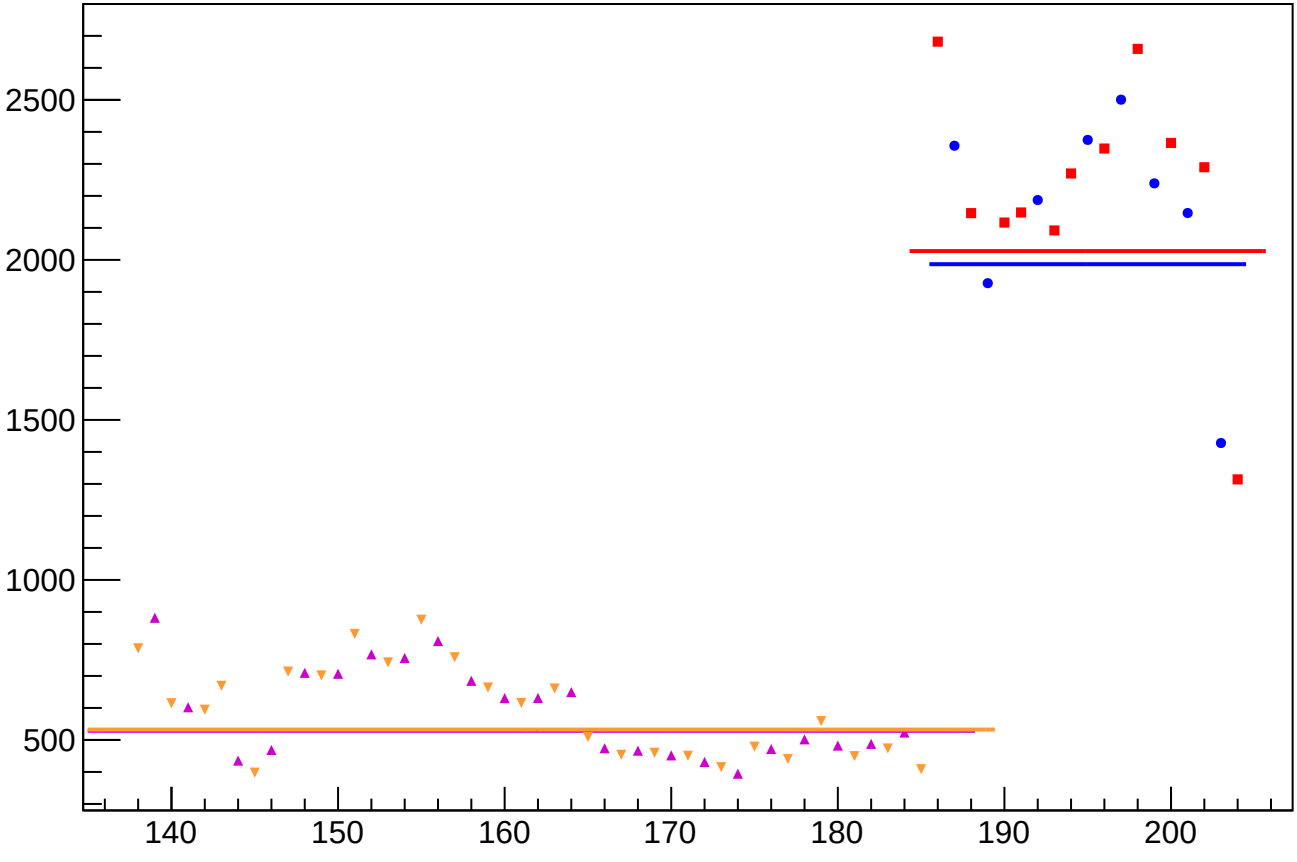
Right: -396.929+/-582.436 χ^2/NDF: 17.5/18

In: 46.973+/-128.215 χ^2/NDF:34.0/30

Out: 618.259+/-126.400 χ^2/NDF:74.9/35

All: 336.687+/-90.013 χ^2/NDF: 119.0/66

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1986.576+/-0.636 χ^2/NDF: 394809.0/7

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2027.536+/-0.541 χ^2/NDF: 715016.2/10

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

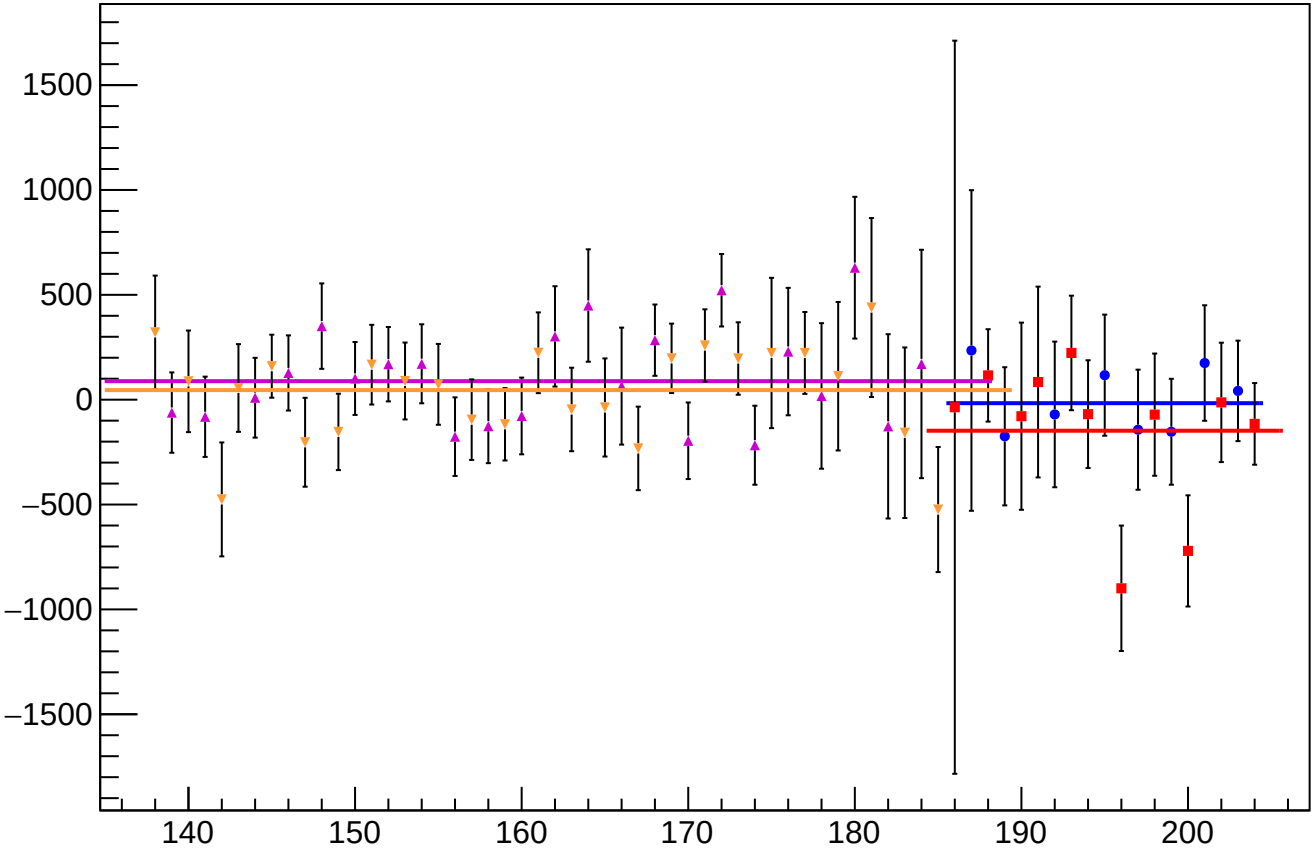
Right: 2010.356+/-0.412 χ^2/NDF: 1112233.9/18

In: 558.102+/-0.091 χ^2/NDF:7257597.7/30

Out: 573.274+/-0.089 χ^2/NDF:10100325.0/35

All: 565.796+/-0.064 χ^2/NDF: 17372124.7/66

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -16.706+/-105.588 χ^2/NDF: 1.6/7

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: -148.019+/-85.984 χ^2/NDF: 15.0/10

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

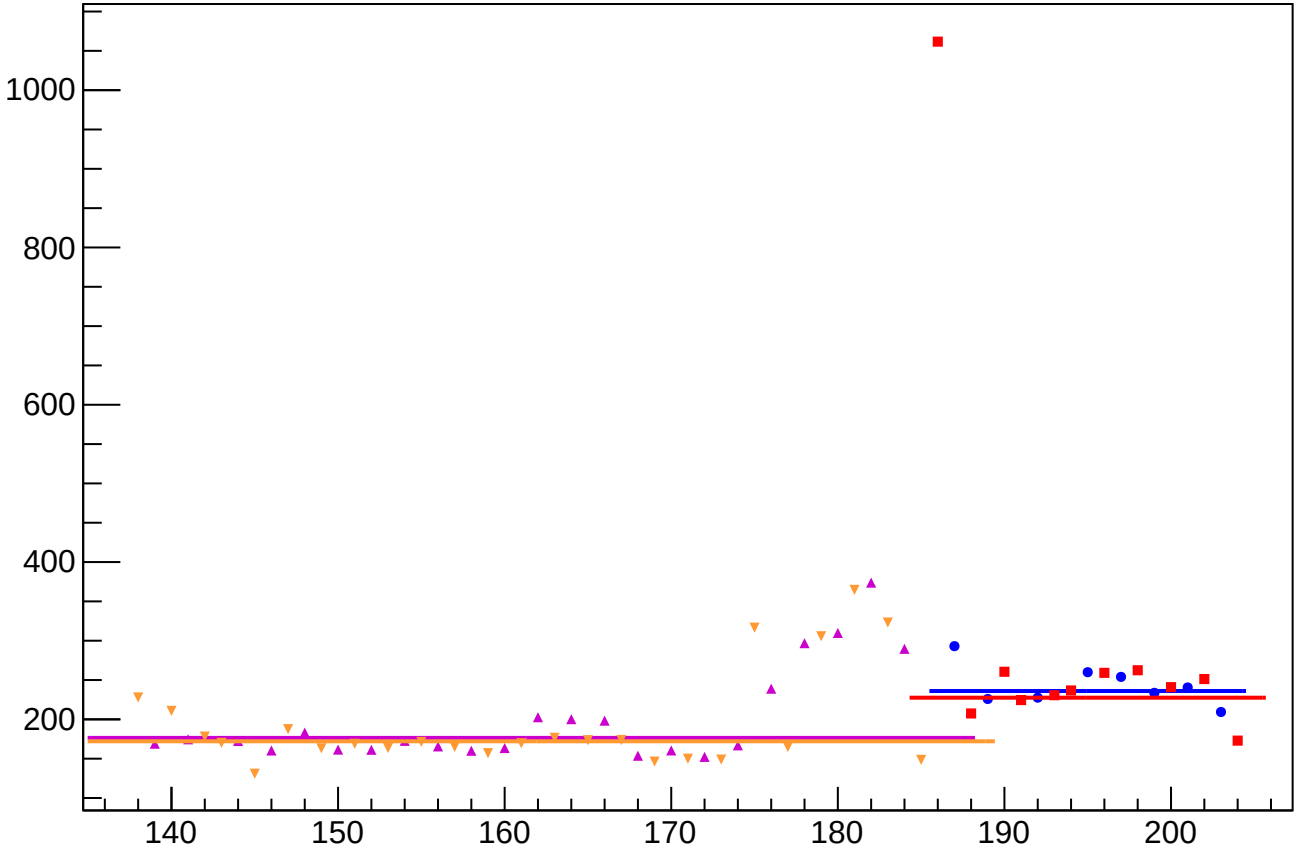
Right: -95.660+/-66.673 χ^2/NDF: 17.5/18

In: 73.100+/-40.235 χ^2/NDF:28.8/30

Out: 8.680+/-37.578 χ^2/NDF:41.0/35

All: 38.693+/-27.463 χ^2/NDF: 71.2/66

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 236.028+/-0.075 χ^2/NDF: 61311.2/7

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 227.540+/-0.061 χ^2/NDF: 713088.9/10

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

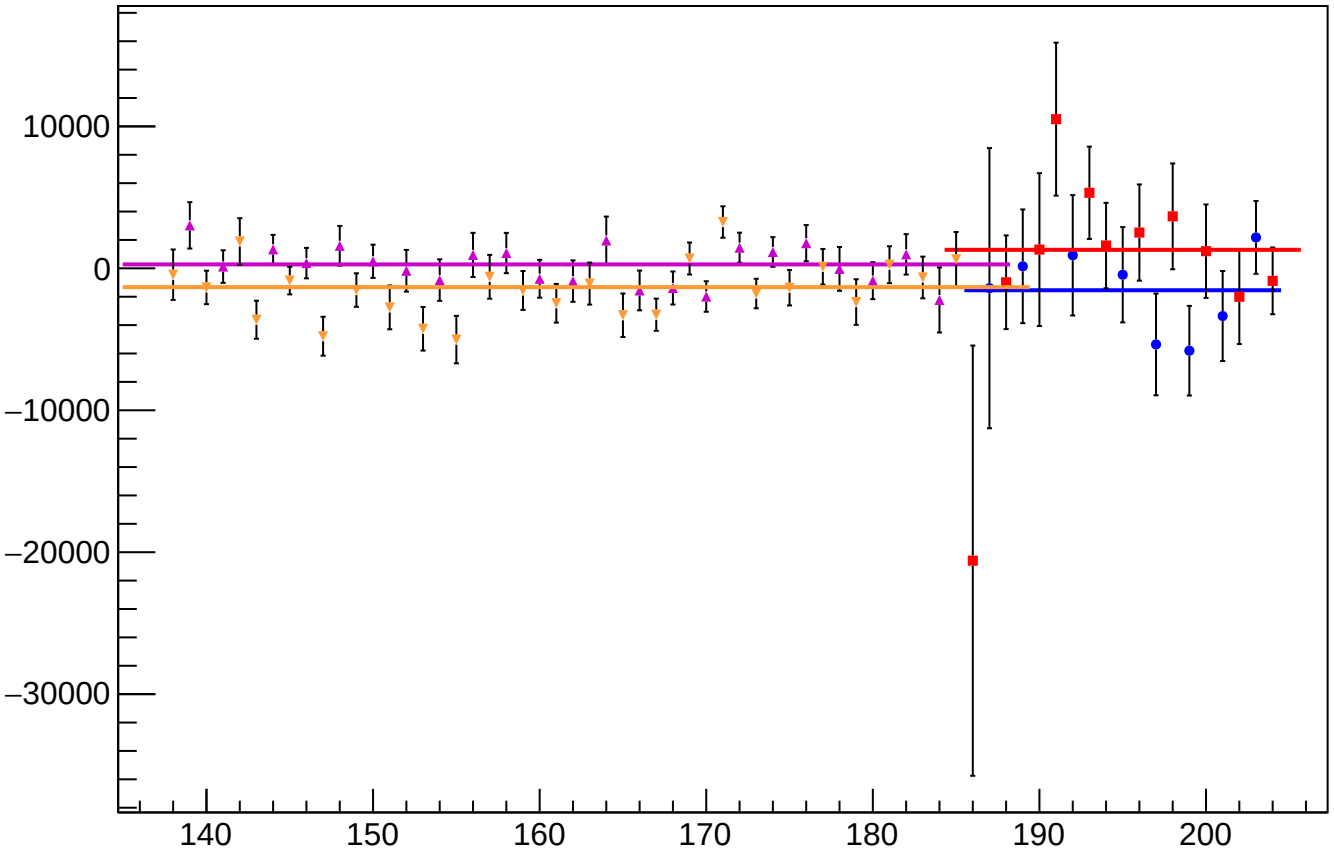
Right: 230.925+/-0.047 χ^2/NDF: 782170.6/18

In: 185.079+/-0.028 χ^2/NDF:1966682.1/30

Out: 182.686+/-0.027 χ^2/NDF:3138327.4/35

All: 183.801+/-0.019 χ^2/NDF: 5108788.7/66

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -1543.812+/-1243.626 χ^2/NDF: 6.0/7

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 1304.177+/-1058.743 χ^2/NDF: 9.4/10

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

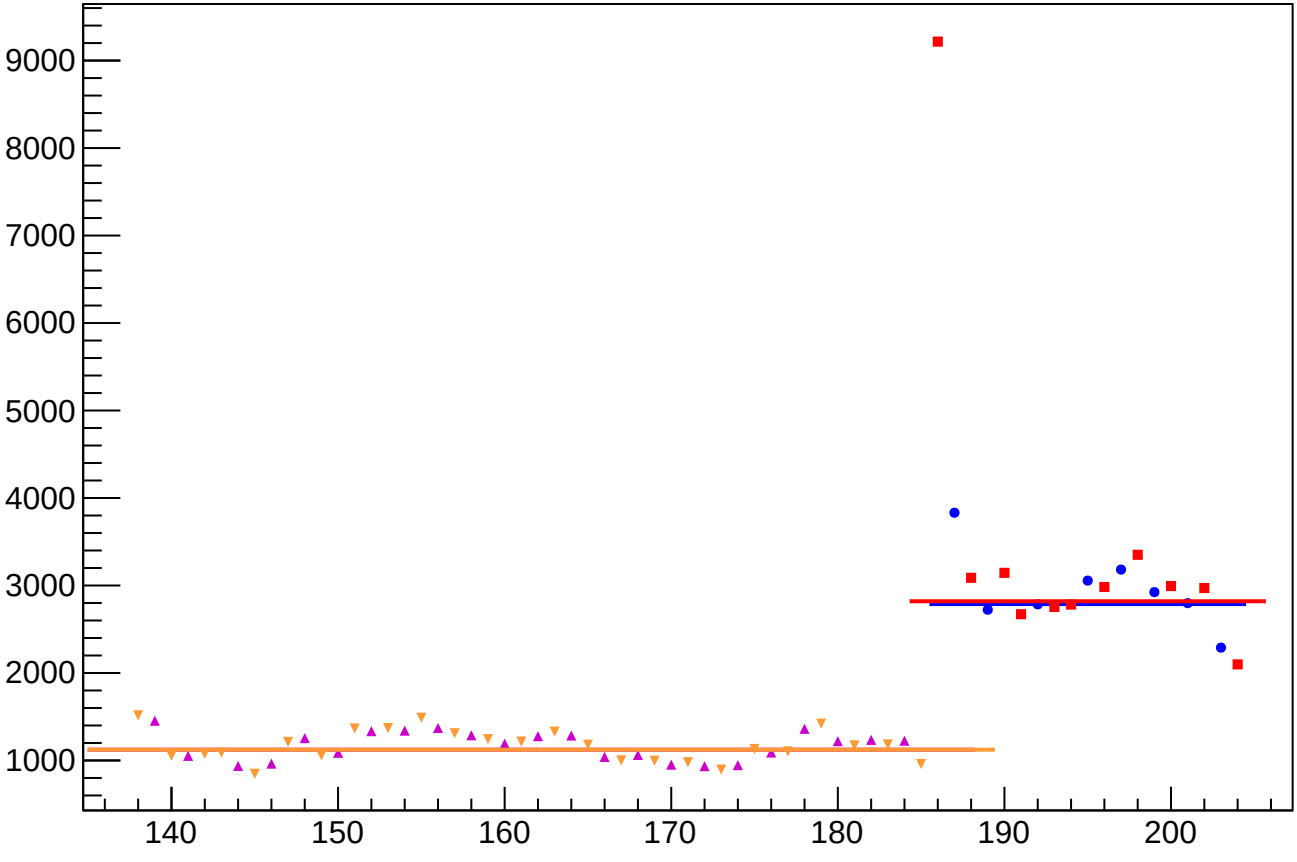
Right: 107.414+/-806.166 χ^2/NDF: 18.5/18

In: 194.413+/-264.363 χ^2/NDF:30.1/30

Out: -1168.354+/-257.937 χ^2/NDF:68.8/35

All: -503.736+/-184.619 χ^2/NDF: 112.5/66

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 2787.903+/-0.879 χ^2/NDF: 139064.0/7

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 2819.951+/-0.749 χ^2/NDF: 622373.0/10

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

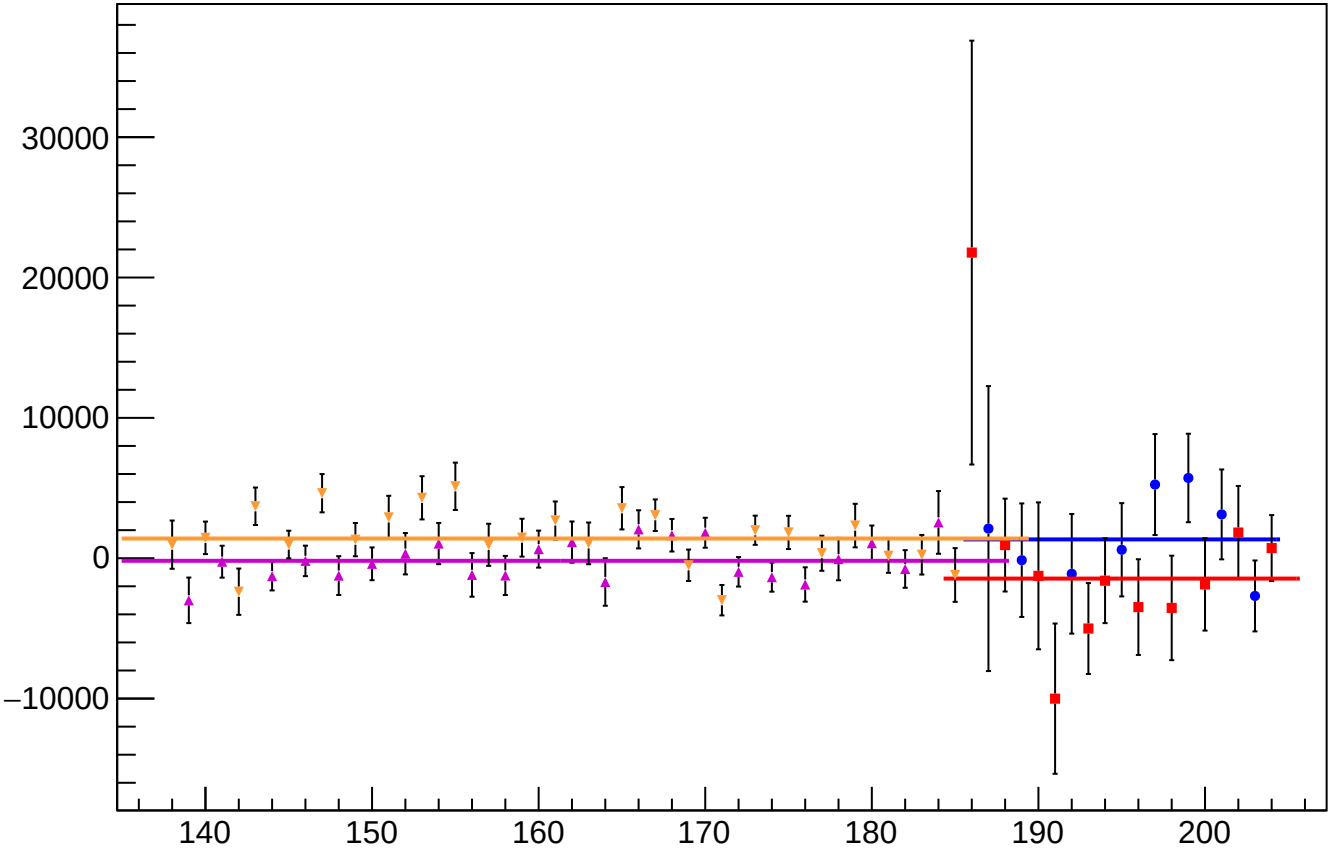
Right: 2806.484+/-0.570 χ^2/NDF: 762207.0/18

In: 1198.375+/-0.187 χ^2/NDF:4250759.8/30

Out: 1223.740+/-0.182 χ^2/NDF:6297611.7/35

All: 1211.370+/-0.131 χ^2/NDF: 10557804.5/6

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 1341.094+/-1241.714 χ^2/NDF: 6.5/7

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -1450.131+/-1057.341 χ^2/NDF: 9.2/10

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

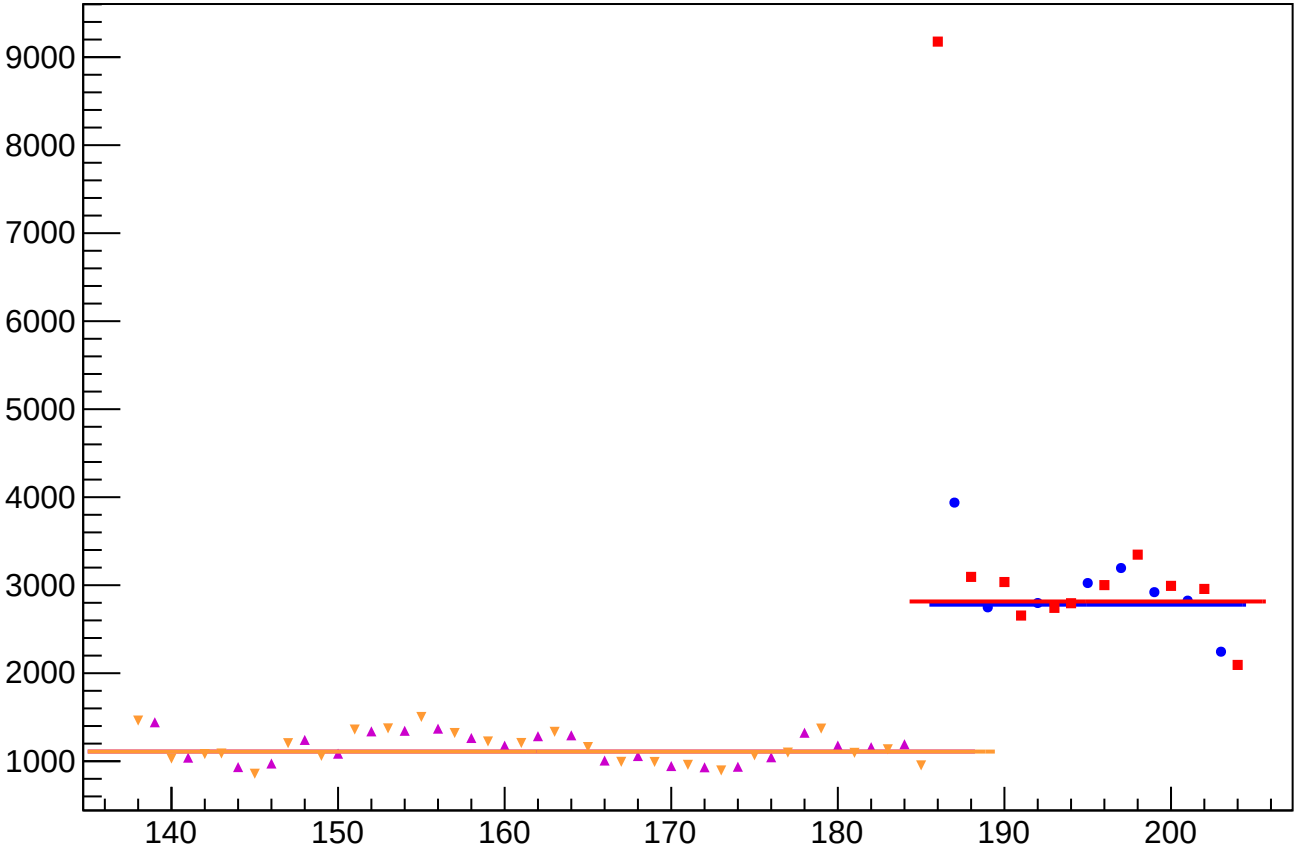
Right: -276.931+/-805.026 χ^2/NDF: 18.6/18

In: -115.585+/-261.613 χ^2/NDF:31.6/30

Out: 1238.996+/-254.782 χ^2/NDF:69.2/35

All: 579.622+/-182.525 χ^2/NDF: 114.5/66

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2778.741+/-0.878 χ^2/NDF: 157942.5/7

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 2815.074+/-0.748 χ^2/NDF: 620289.7/10

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

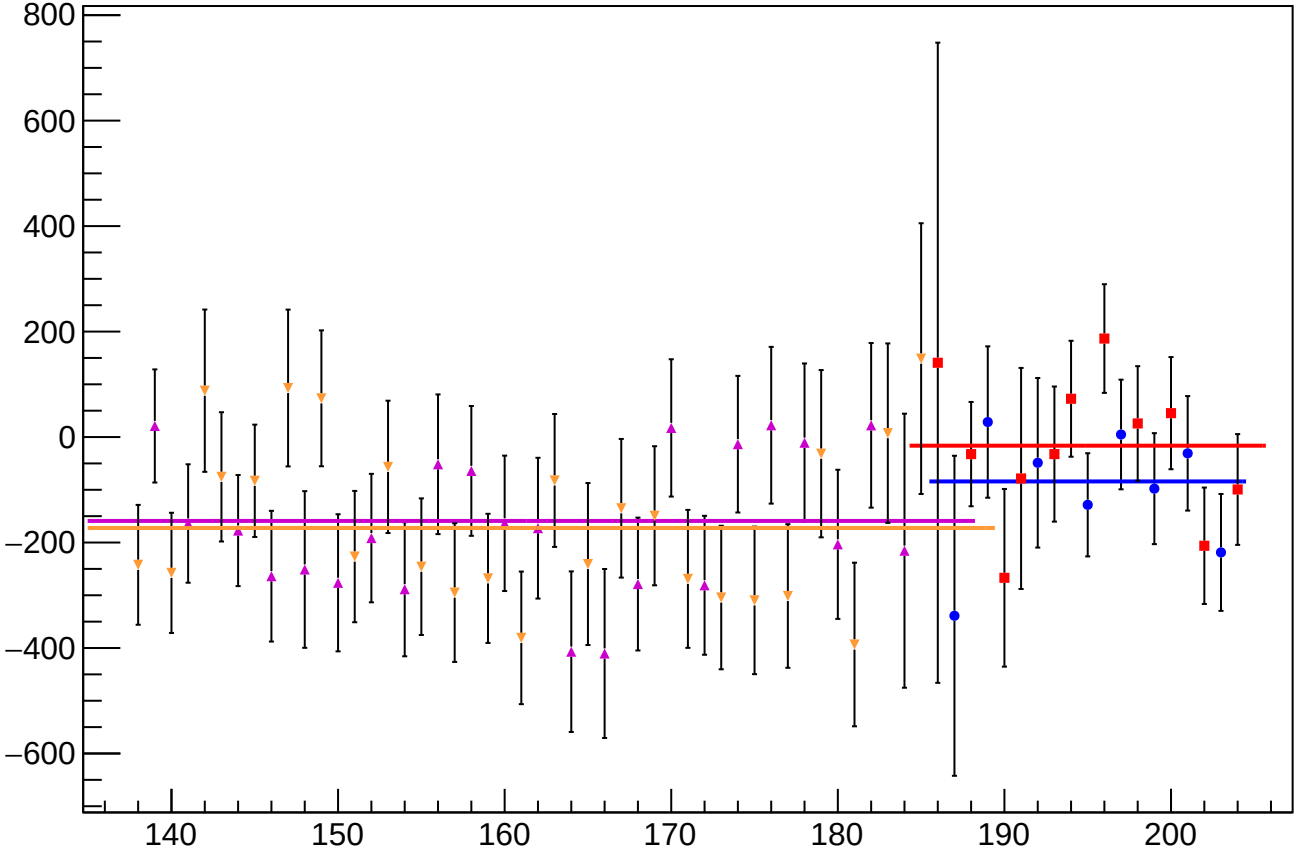
Right: 2799.803+/-0.569 χ^2/NDF: 779224.9/18

In: 1184.229+/-0.185 χ^2/NDF:4282304.6/30

Out: 1208.603+/-0.180 χ^2/NDF:6334699.3/35

All: 1196.738+/-0.129 χ^2/NDF: 10625913.7/6

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -84.149+/-42.572 χ^2/NDF: 4.0/7

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: -16.352+/-36.589 χ^2/NDF: 11.0/10

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

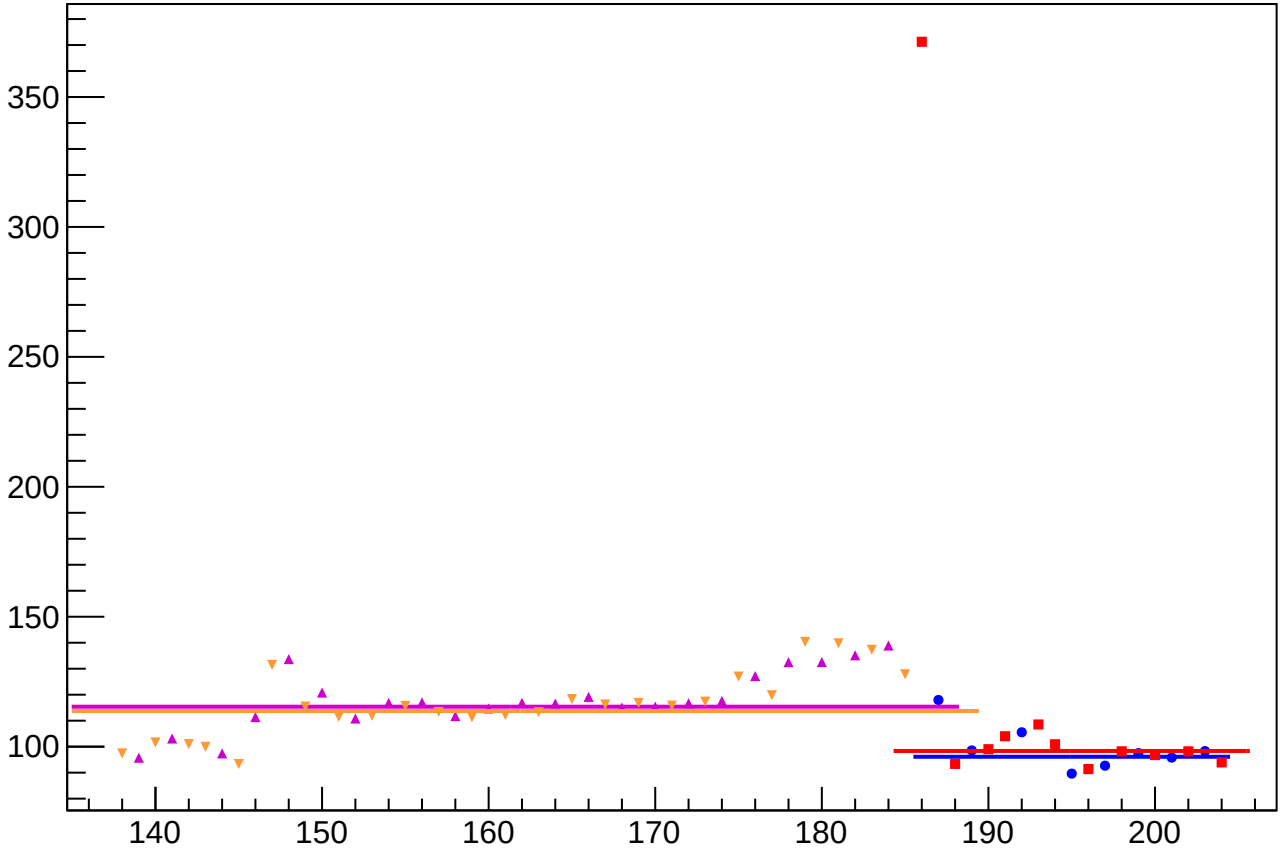
Right: -45.156+/-27.749 χ^2/NDF: 16.5/18

In: -136.871+/-23.164 χ^2/NDF:27.3/30

Out: -118.126+/-21.573 χ^2/NDF:50.1/35

All: -126.833+/-15.787 χ^2/NDF: 77.7/66

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.118+/-0.030 χ^2/NDF: 29947.6/7

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 98.344+/-0.026 χ^2/NDF: 437819.9/10

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

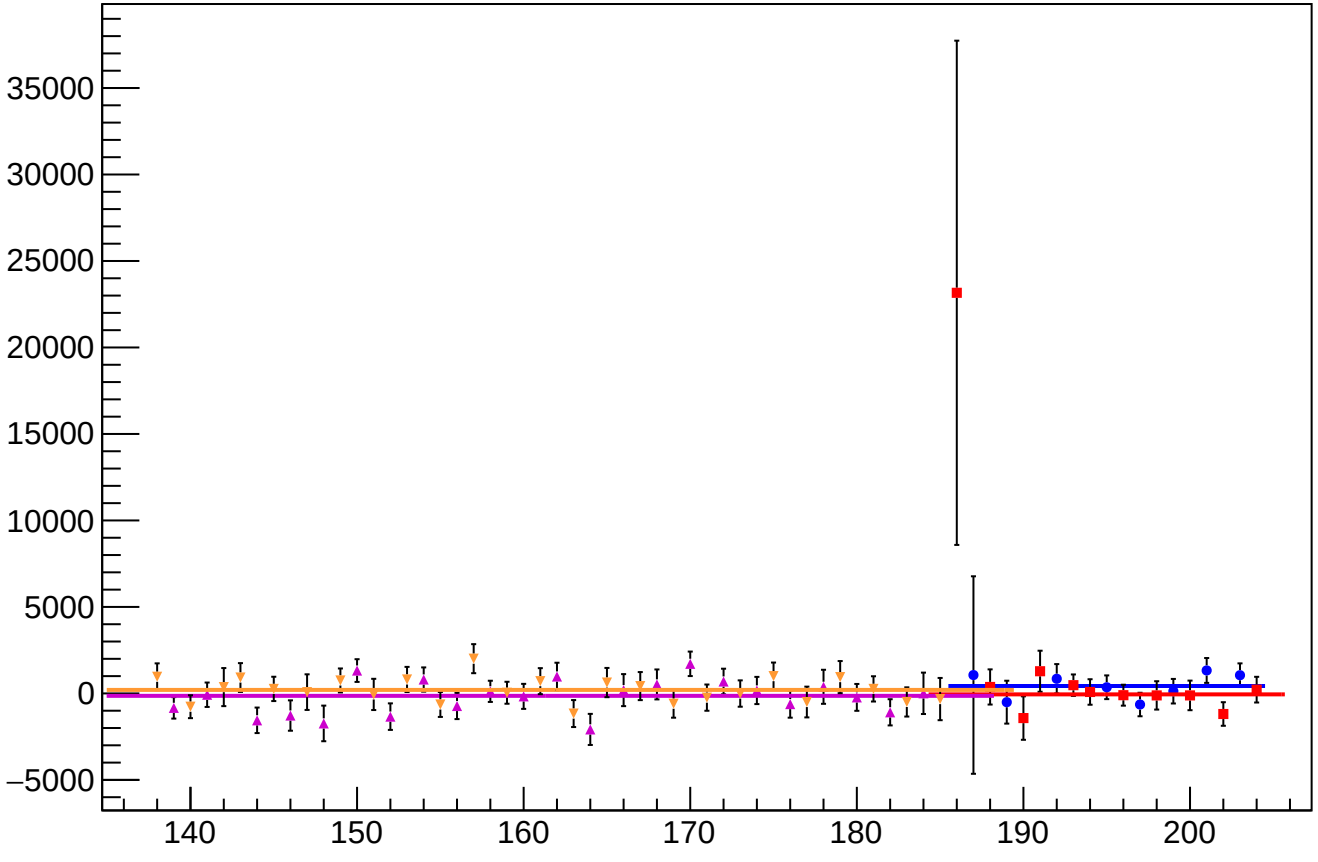
Right: 97.399+/-0.020 χ^2/NDF: 470913.0/18

In: 109.675+/-0.016 χ^2/NDF:627092.1/30

Out: 108.380+/-0.015 χ^2/NDF:1060584.5/35

All: 108.982+/-0.011 χ^2/NDF: 1691026.6/66

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 428.612+/-283.654 χ^2/NDF: 5.9/7

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: -55.412+/-247.608 χ^2/NDF: 8.9/10

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

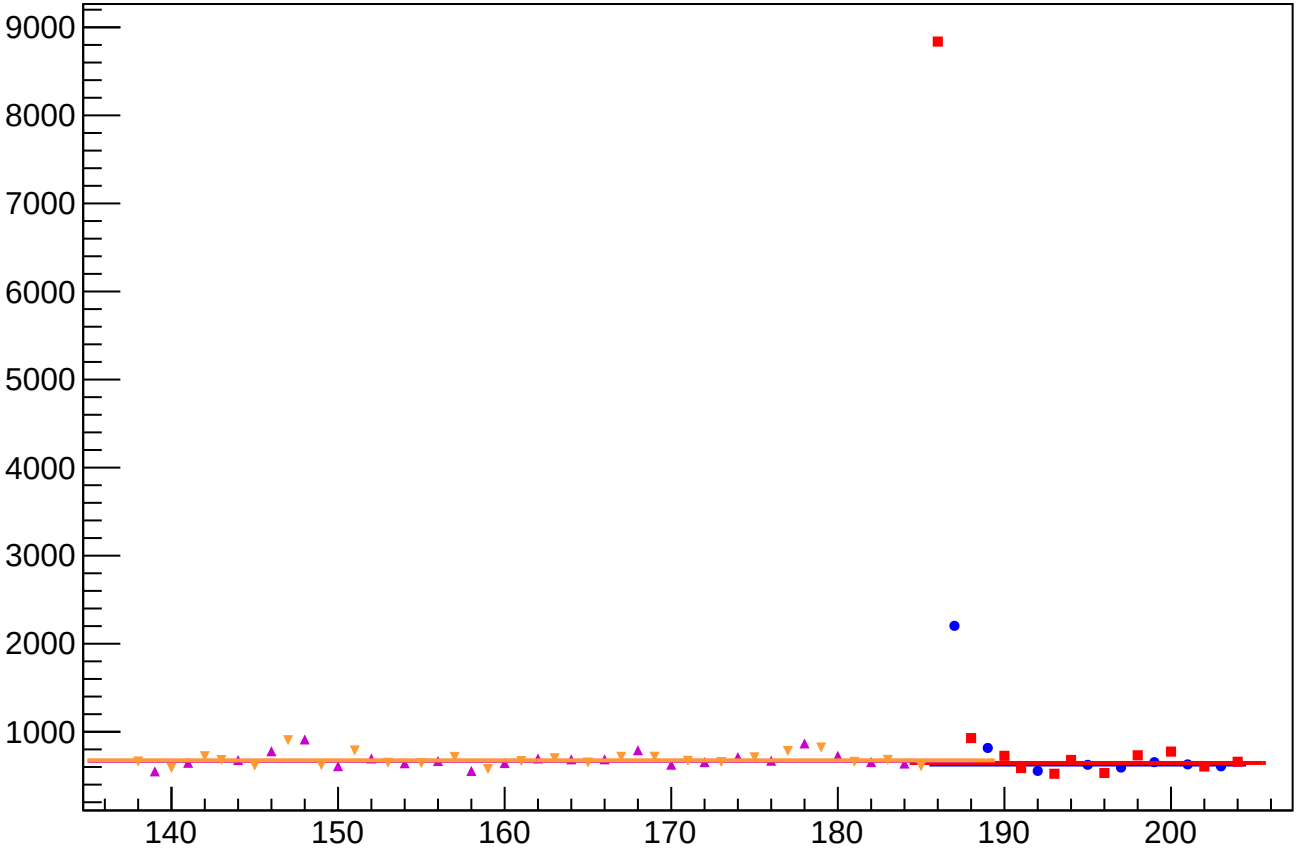
Right: 153.909+/-186.536 χ^2/NDF: 16.4/18

In: -1.449+/-140.034 χ^2/NDF:45.8/30

Out: 127.156+/-133.808 χ^2/NDF:29.4/35

All: 65.776+/-96.743 χ^2/NDF: 75.7/66

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 628.269+/-0.201 χ^2/NDF: 222880.6/7

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 646.027+/-0.175 χ^2/NDF: 1027976.6/10

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

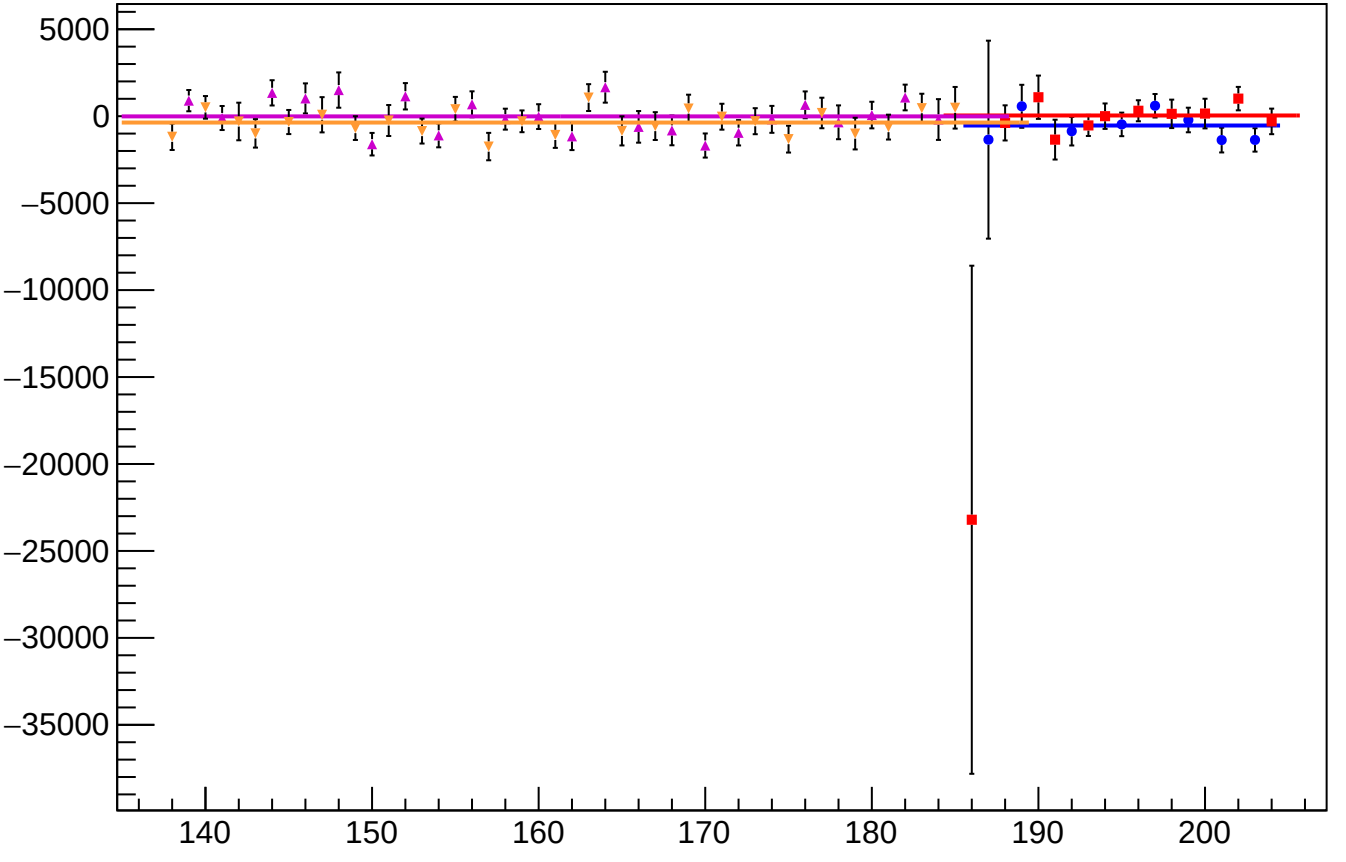
Right: 638.348+/-0.132 χ^2/NDF: 1255305.8/18

In: 659.782+/-0.099 χ^2/NDF:719606.1/30

Out: 666.776+/-0.095 χ^2/NDF:1406526.9/35

All: 663.438+/-0.068 χ^2/NDF: 2128740.4/66

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -535.875+/-280.364 χ^2/NDF: 6.9/7

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: 40.886+/-245.137 χ^2/NDF: 8.3/10

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

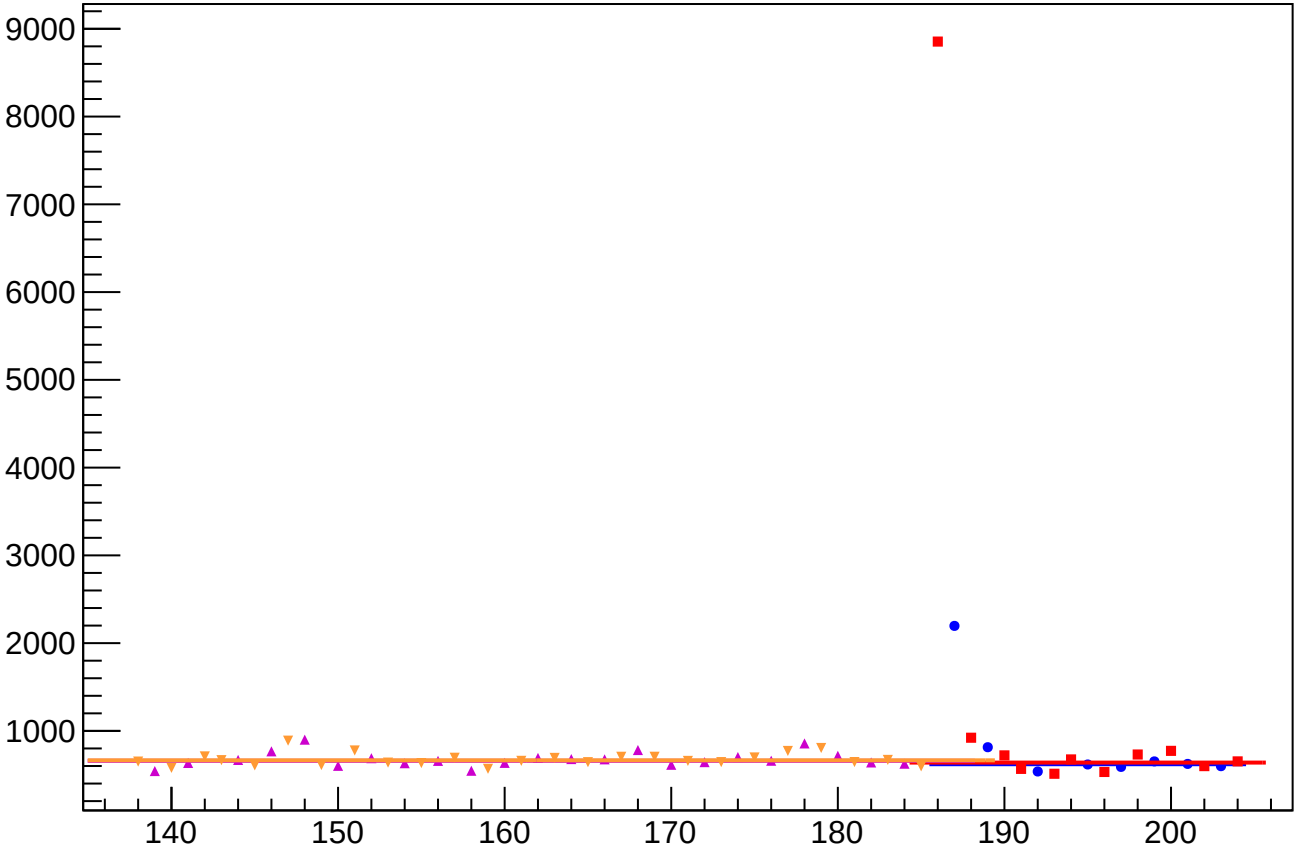
Right: -209.004+/-184.544 χ^2/NDF: 17.6/18

In: -138.304+/-137.975 χ^2/NDF:48.4/30

Out: -247.964+/-131.791 χ^2/NDF:29.0/35

All: -195.647+/-95.302 χ^2/NDF: 77.7/66

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 620.489+/-0.198 χ^2/NDF: 233319.1/7

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 639.012+/-0.173 χ^2/NDF: 1044351.7/10

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

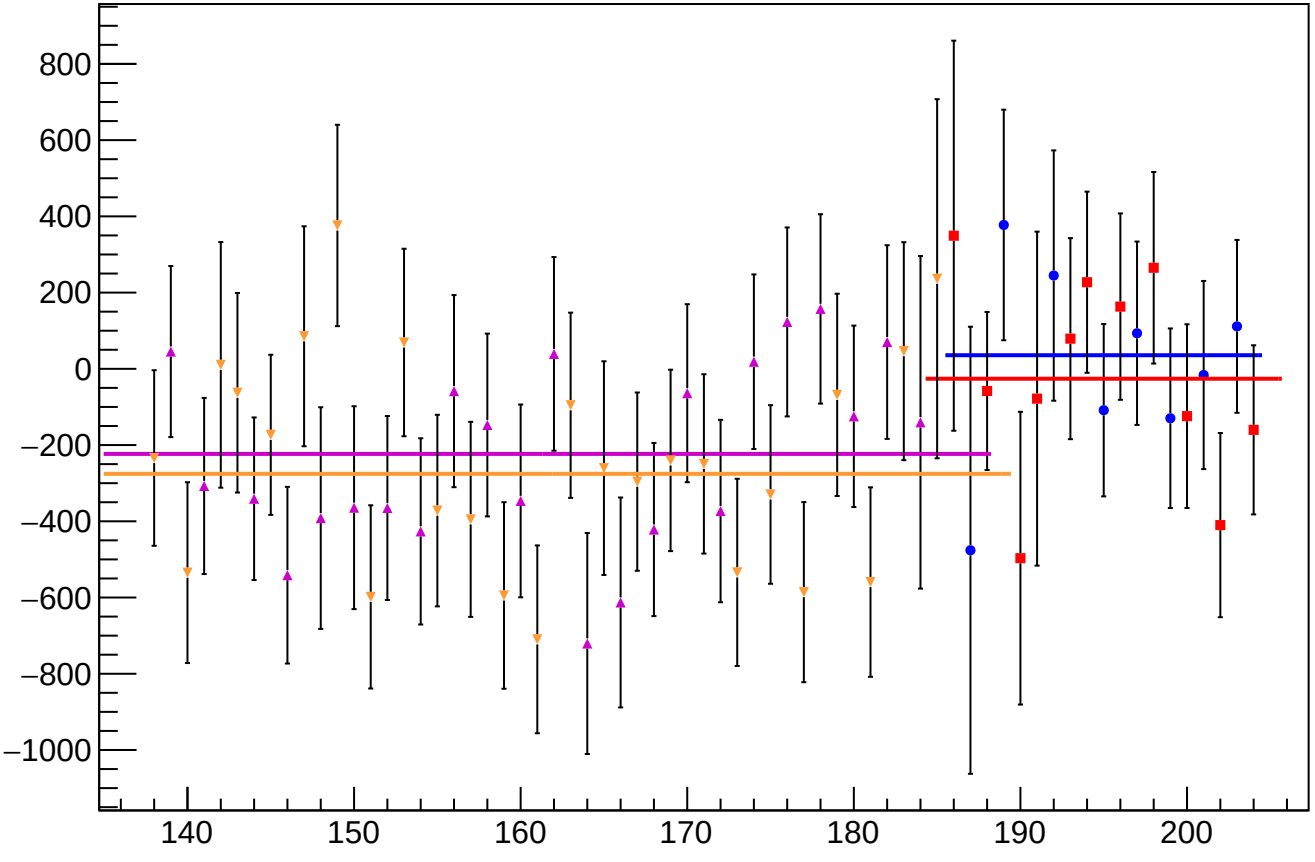
Right: 630.986+/-0.130 χ^2/NDF: 1282618.1/18

In: 649.847+/-0.098 χ^2/NDF:735003.2/30

Out: 657.217+/-0.093 χ^2/NDF:1416831.5/35

All: 653.701+/-0.067 χ^2/NDF: 2154818.4/66

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 35.719+/-93.722 χ^2/NDF: 3.6/7

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: -25.958+/-79.454 χ^2/NDF: 8.4/10

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

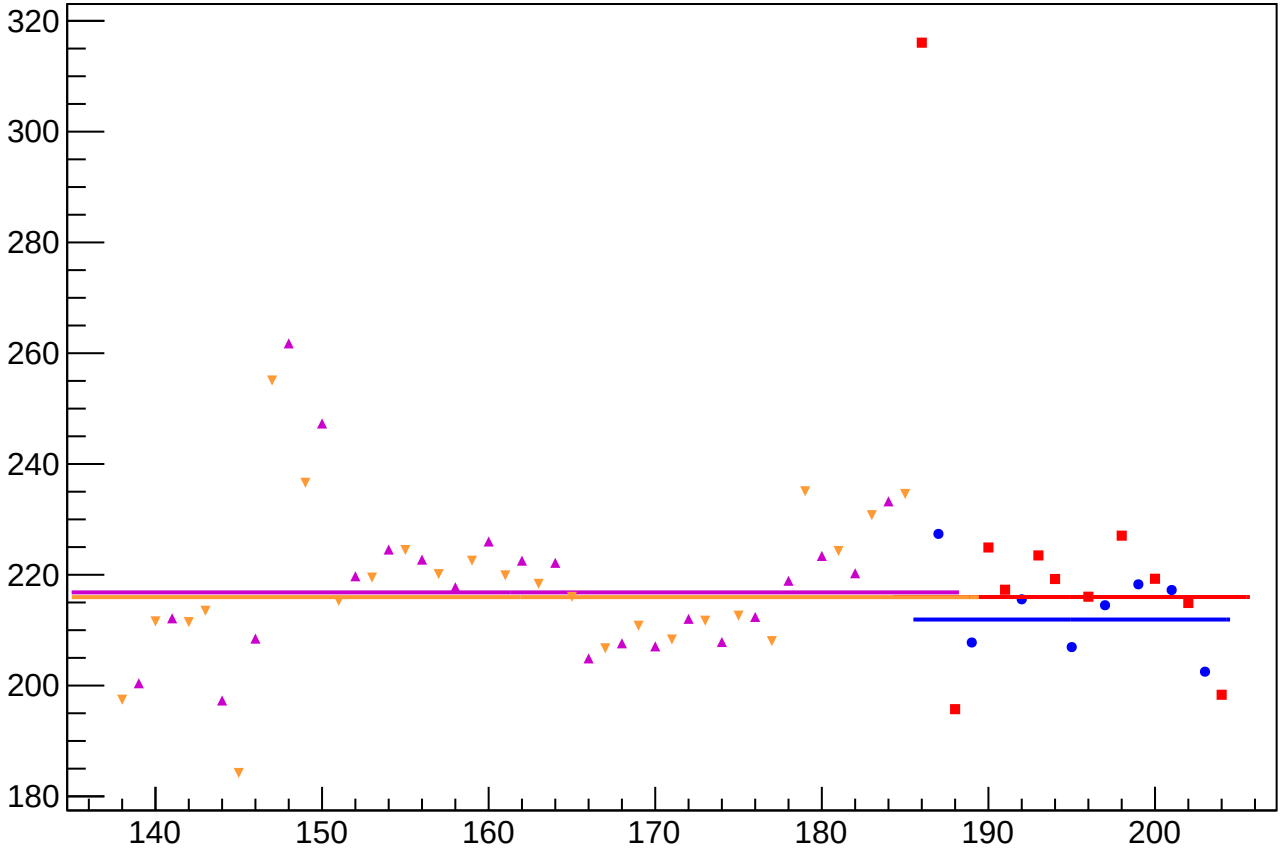
Right: -0.167+/-60.606 χ^2/NDF: 12.2/18

In: -162.714+/-45.297 χ^2/NDF:30.2/30

Out: -203.581+/-42.644 χ^2/NDF:42.7/35

All: -184.380+/-31.049 χ^2/NDF: 73.3/66

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 211.921+/-0.066 χ^2/NDF: 9047.6/7

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 215.987+/-0.056 χ^2/NDF: 115644.0/10

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

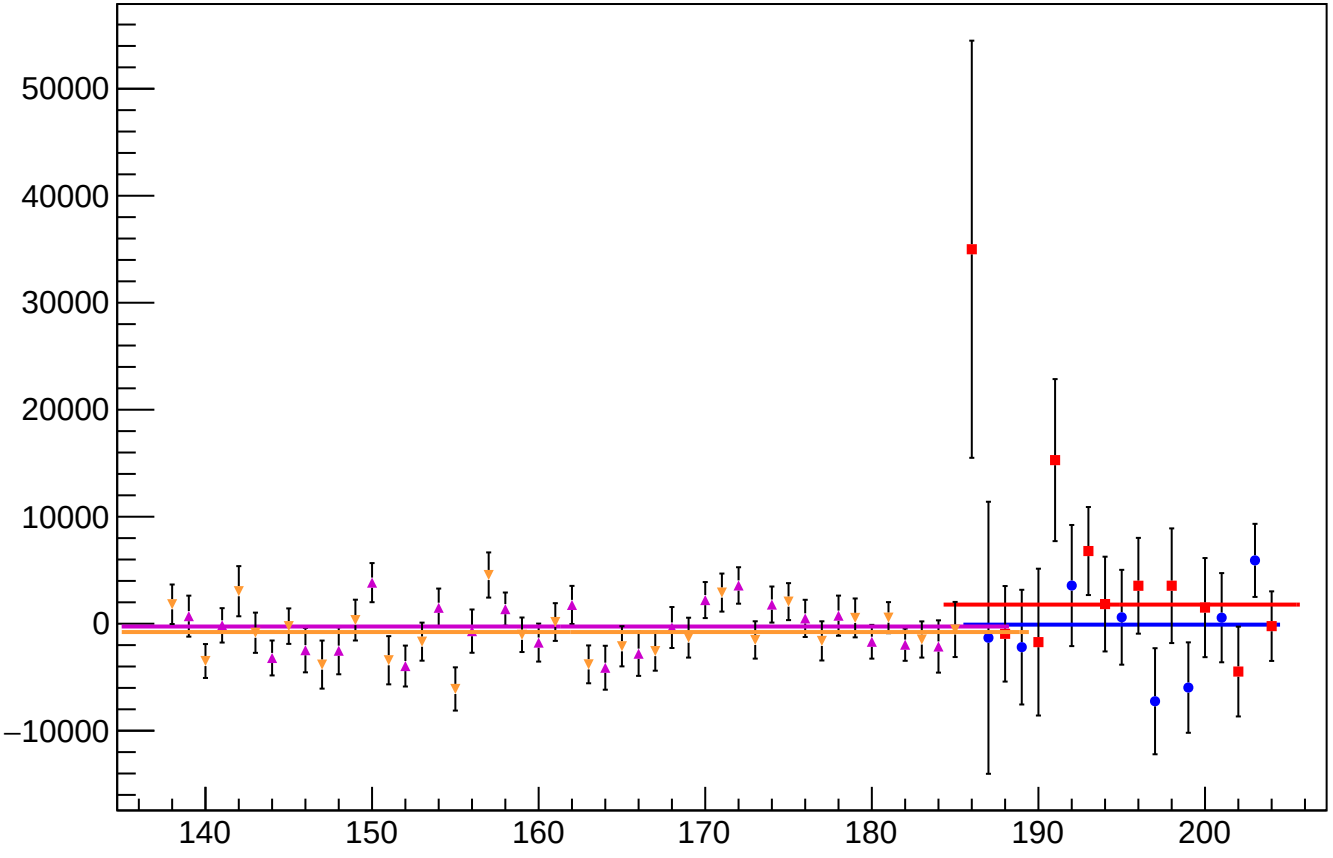
Right: 214.287+/-0.043 χ^2/NDF: 126882.5/18

In: 215.676+/-0.032 χ^2/NDF:145757.2/30

Out: 215.970+/-0.030 χ^2/NDF:260379.3/35

All: 215.832+/-0.022 χ^2/NDF: 406181.0/66

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -87.341+/-1659.657 χ^2/NDF: 7.7/7

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 1786.775+/-1436.959 χ^2/NDF: 11.1/10

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

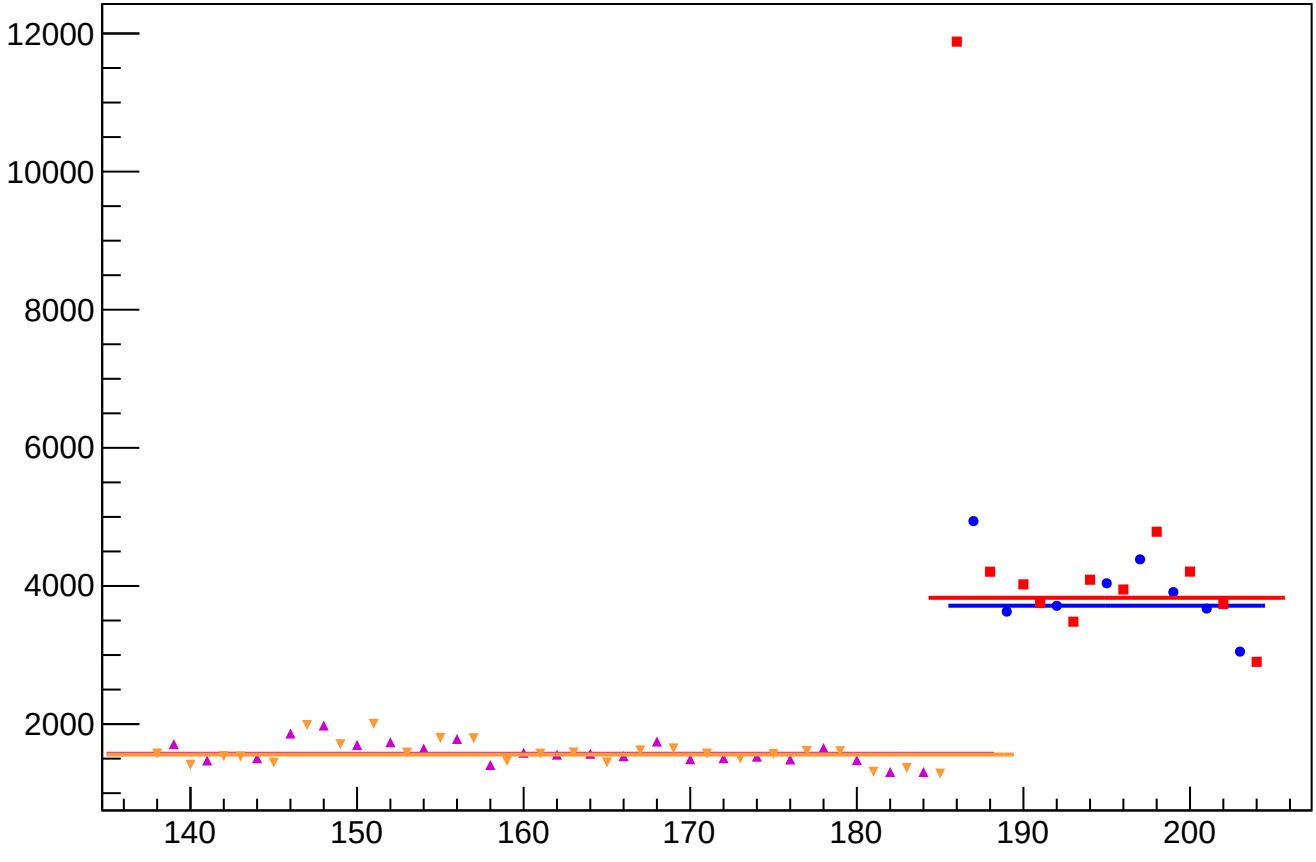
Right: 983.804+/-1086.351 χ^2/NDF: 19.5/18

In: -253.288+/-366.895 χ^2/NDF:43.2/30

Out: -622.050+/-355.554 χ^2/NDF:52.5/35

All: -443.456+/-255.330 χ^2/NDF: 96.3/66

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3714.479+/-1.174 χ^2/NDF: 146751.4/7

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 3829.030+/-1.016 χ^2/NDF: 620648.8/10

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

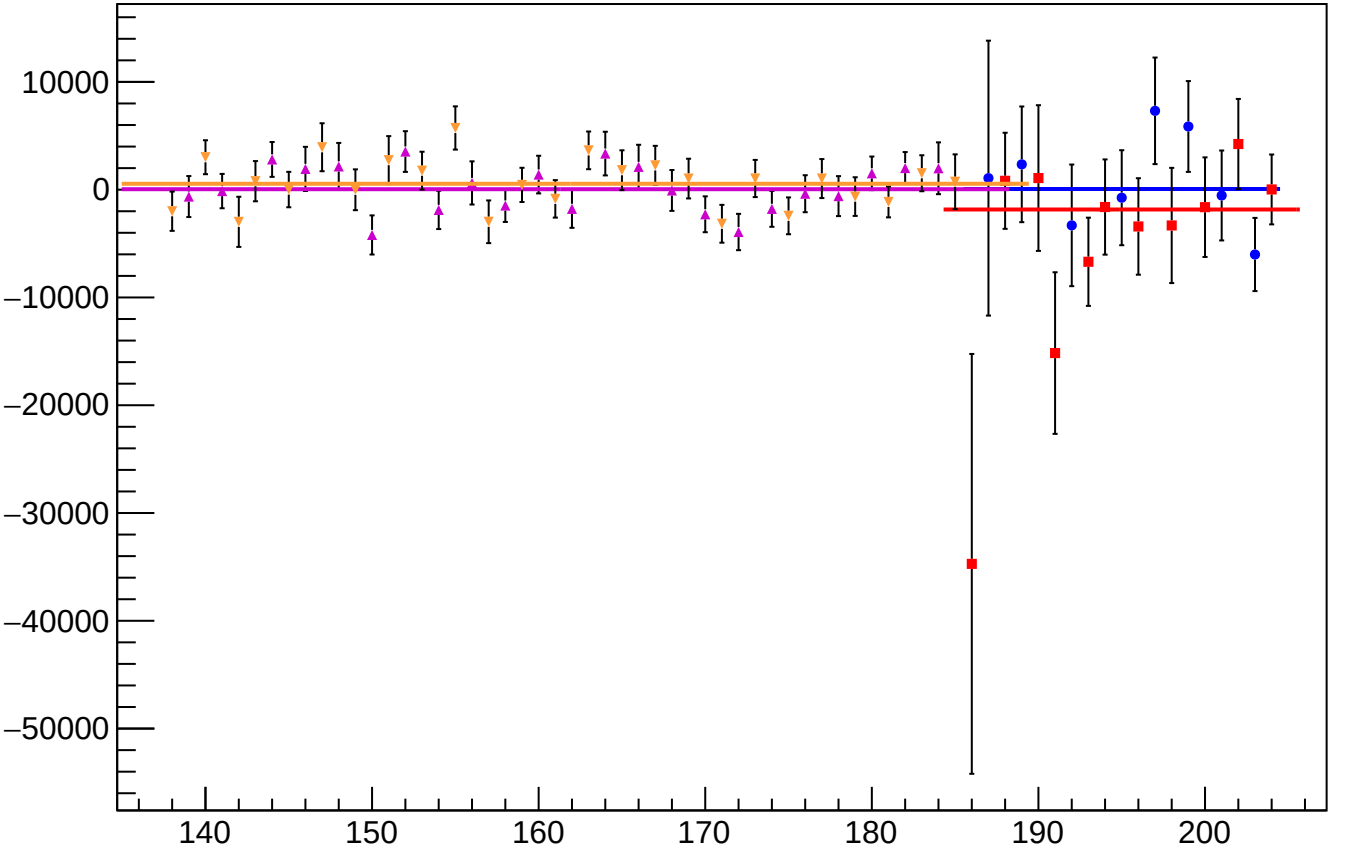
Right: 3779.950+/-0.768 χ^2/NDF: 772845.7/18

In: 1675.116+/-0.259 χ^2/NDF:3651176.1/30

Out: 1698.454+/-0.251 χ^2/NDF:5683340.1/35

All: 1687.151+/-0.181 χ^2/NDF: 9338689.3/66

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 63.158+/-1654.744 χ^2/NDF: 7.9/7

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -1838.194+/-1432.054 χ^2/NDF: 10.6/10

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

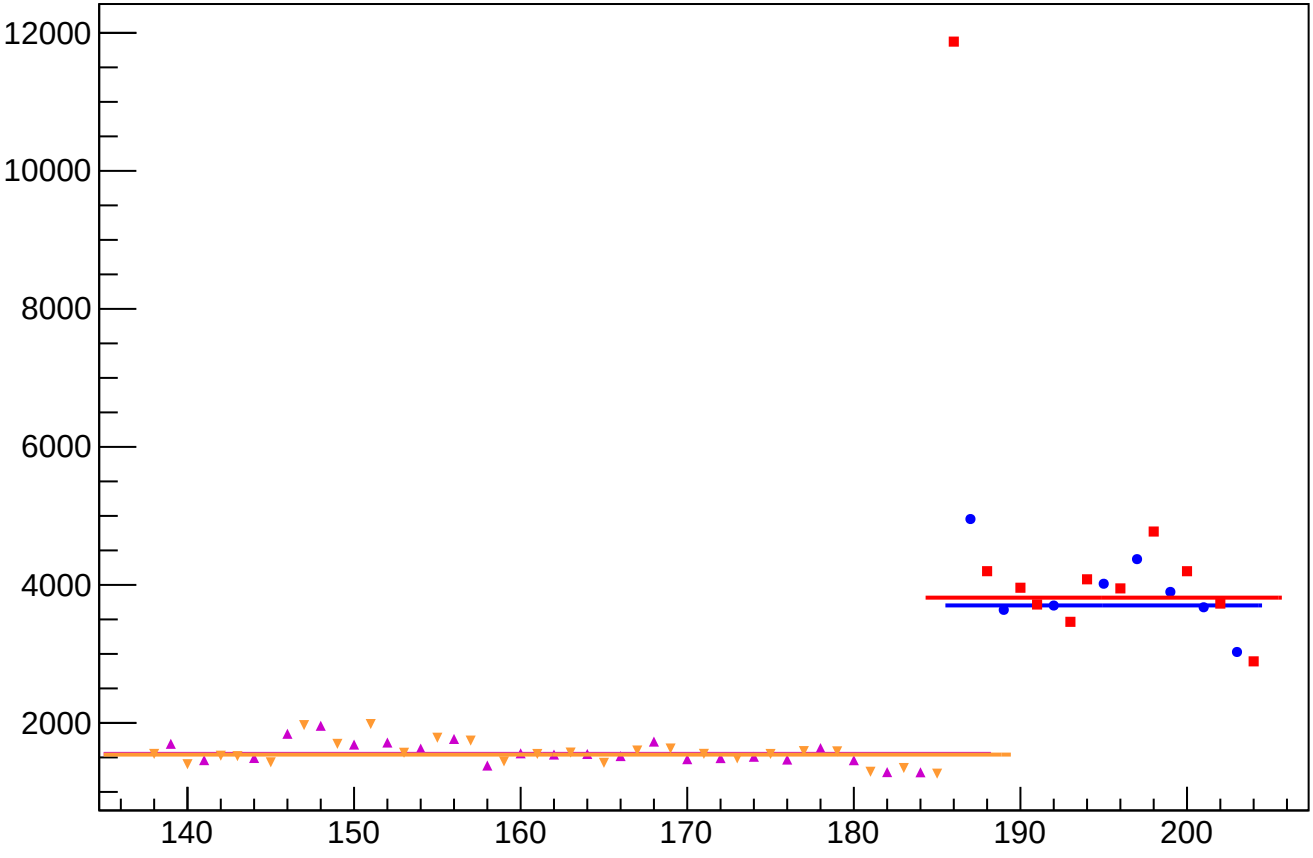
Right: -1023.977+/-1082.854 χ^2/NDF: 19.2/18

In: 44.872+/-362.724 χ^2/NDF:41.4/30

Out: 406.520+/-351.117 χ^2/NDF:48.8/35

All: 231.575+/-252.281 χ^2/NDF: 90.7/66

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3702.799+/-1.170 χ^2/NDF: 149893.5/7

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 3815.425+/-1.013 χ^2/NDF: 623115.1/10

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

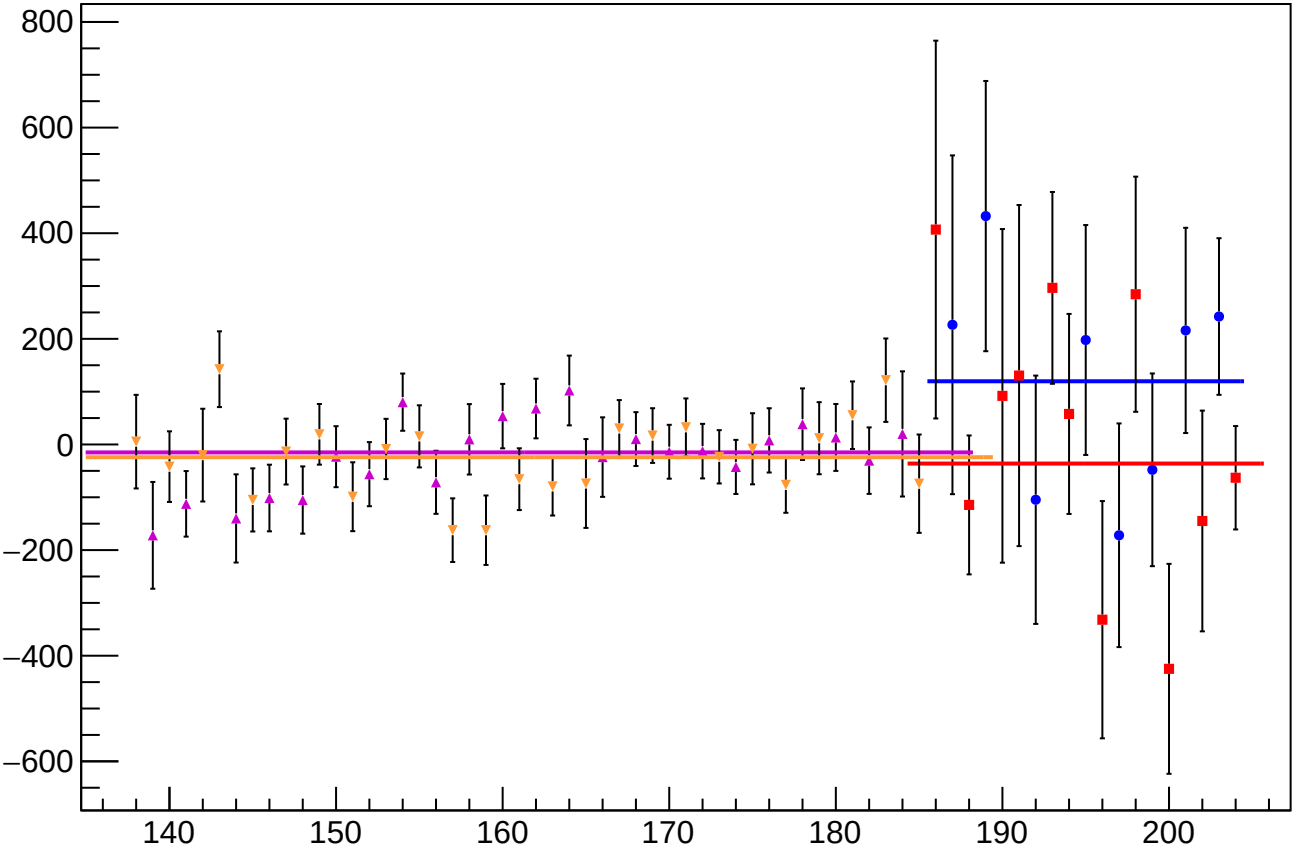
Right: 3767.195+/-0.766 χ^2/NDF: 778306.1/18

In: 1654.851+/-0.256 χ^2/NDF:3706940.0/30

Out: 1677.867+/-0.248 χ^2/NDF:5746213.2/35

All: 1666.733+/-0.178 χ^2/NDF: 9457310.7/66

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 119.655+/-72.834 χ^2/NDF: 6.3/7

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: -36.143+/-54.558 χ^2/NDF: 13.9/10

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

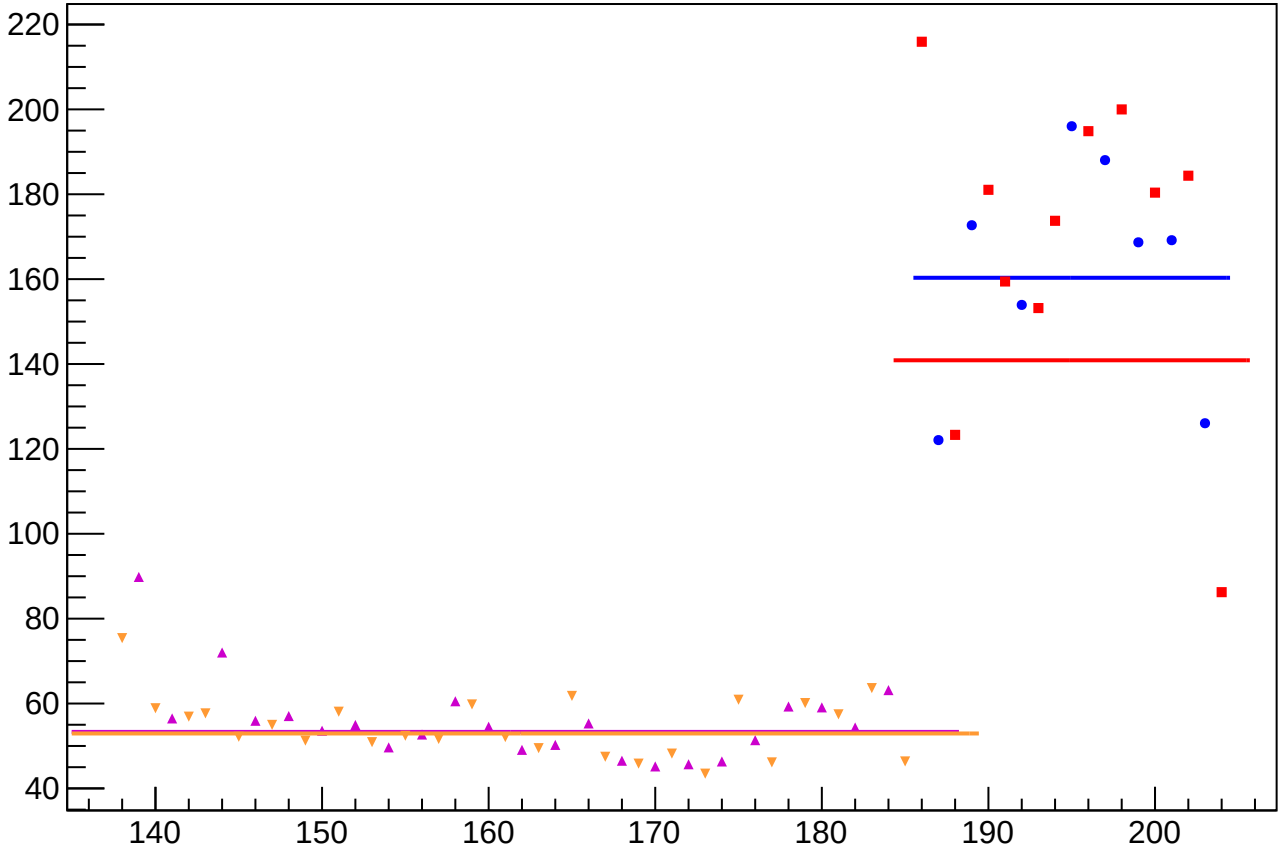
Right: 19.856+/-43.666 χ^2/NDF: 23.1/18

In: -10.948+/-12.722 χ^2/NDF:33.5/30

Out: -24.728+/-12.207 χ^2/NDF:44.6/35

All: -18.122+/-8.808 χ^2/NDF: 78.7/66

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 160.321+/-0.052 χ^2/NDF: 237941.1/7

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 140.878+/-0.039 χ^2/NDF: 1277102.7/10

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

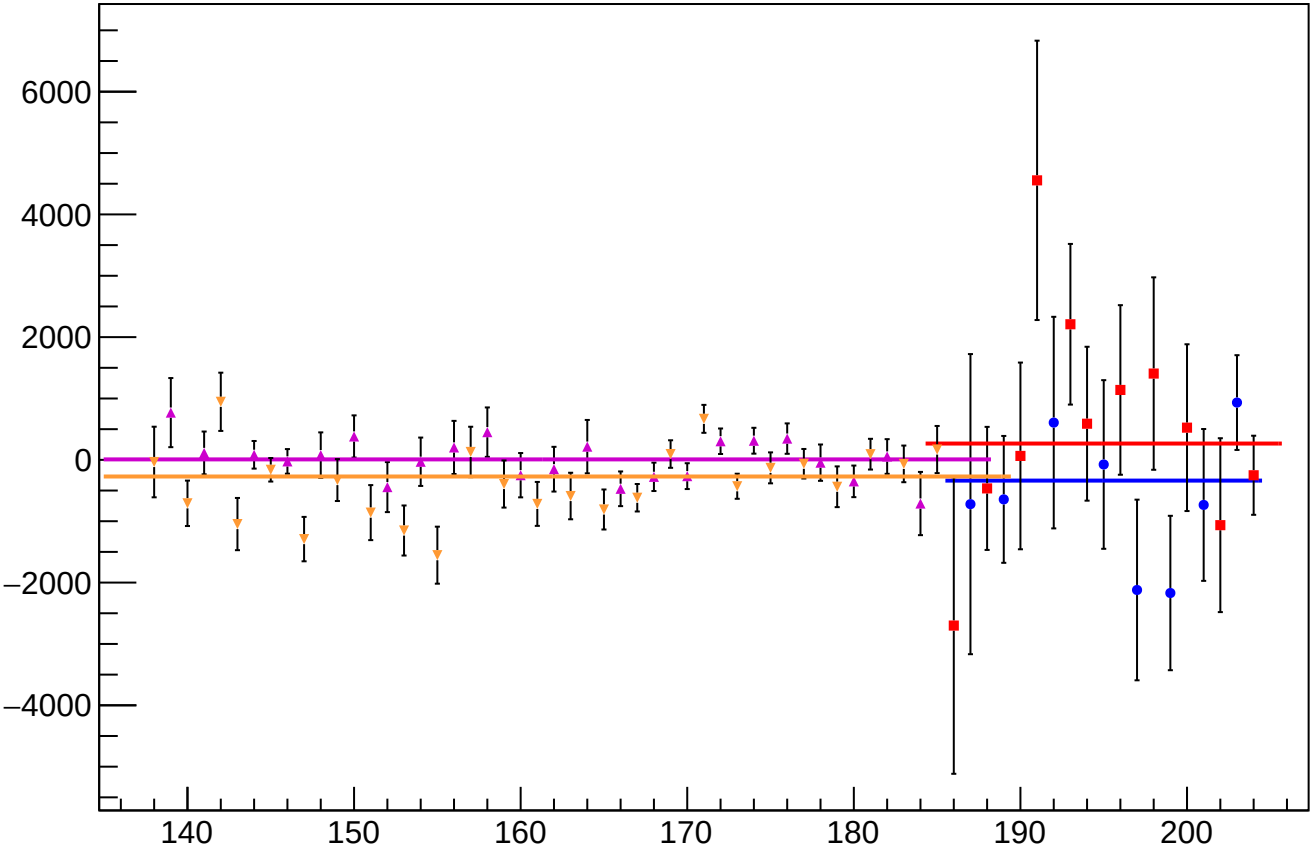
Right: 147.866+/-0.031 χ^2/NDF: 1606340.2/18

In: 56.577+/-0.009 χ^2/NDF:5067617.4/30

Out: 57.344+/-0.009 χ^2/NDF:6725840.1/35

All: 56.977+/-0.006 χ^2/NDF: 11797245.0/66

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -337.966+/-430.643 χ^2/NDF: 6.9/7

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 265.843+/-367.929 χ^2/NDF: 10.4/10

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

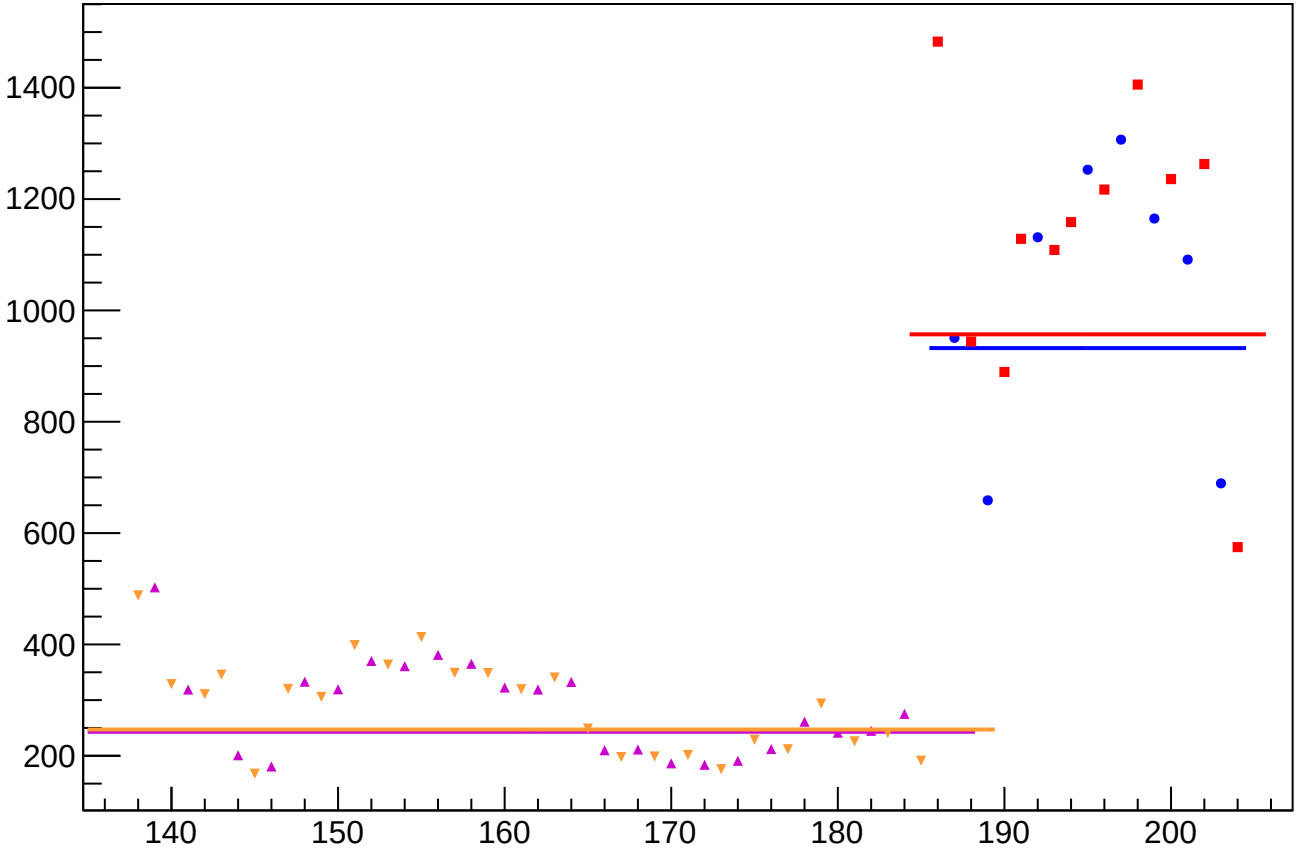
Right: 11.067+/-279.735 χ^2/NDF: 18.4/18

In: 0.885+/-59.744 χ^2/NDF:30.3/30

Out: -257.198+/-59.491 χ^2/NDF:80.1/35

All: -128.704+/-42.156 χ^2/NDF: 119.8/66

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 932.341+/-0.305 χ^2/NDF: 704297.1/7

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 957.037+/-0.260 χ^2/NDF: 1304119.2/10

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

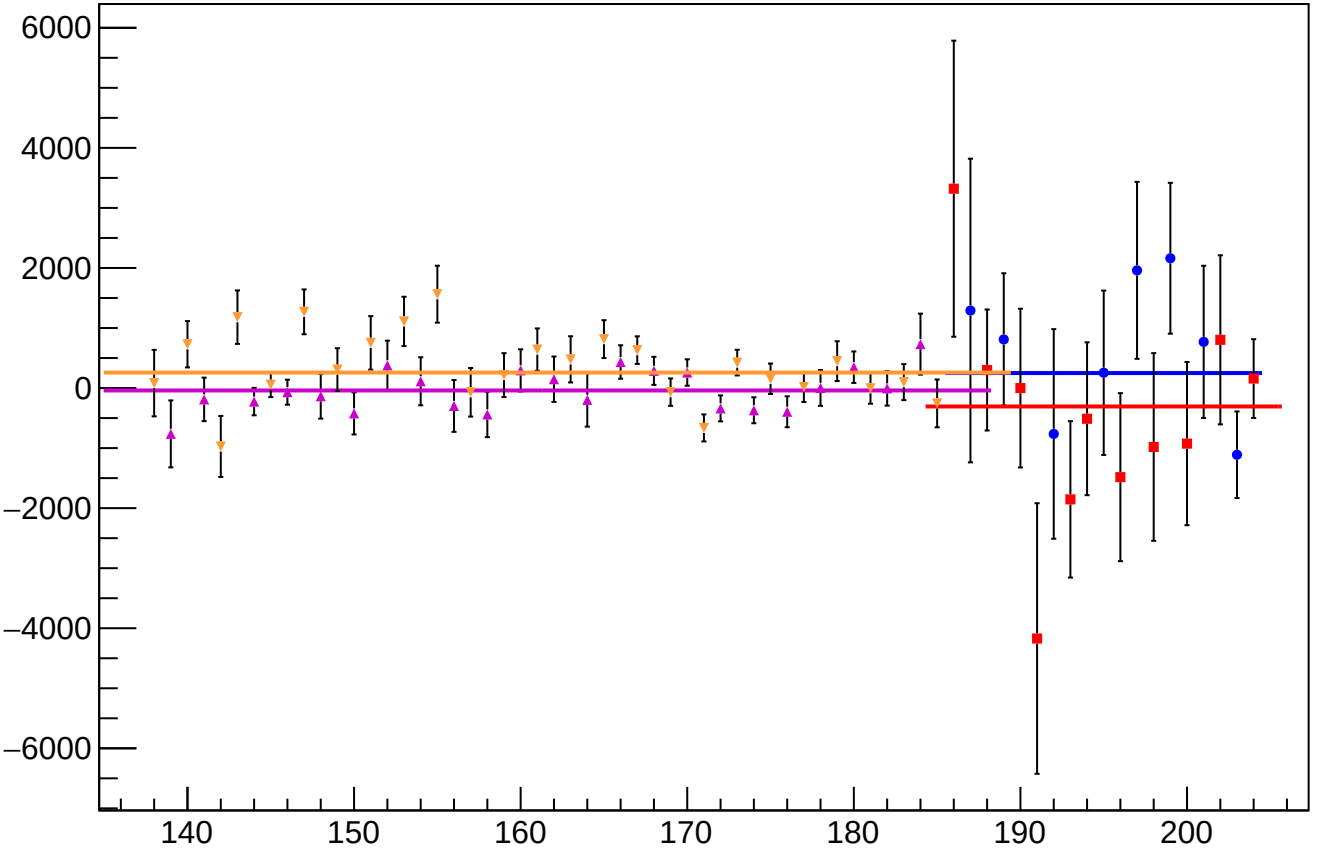
Right: 946.617+/-0.198 χ^2/NDF: 2012218.5/18

In: 256.453+/-0.042 χ^2/NDF:8298744.6/30

Out: 265.725+/-0.042 χ^2/NDF:11407732.3/35

All: 261.109+/-0.030 χ^2/NDF: 19730665.2/66

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 249.725+/-427.201 χ^2/NDF: 8.2/7

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -306.722+/-367.182 χ^2/NDF: 9.2/10

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

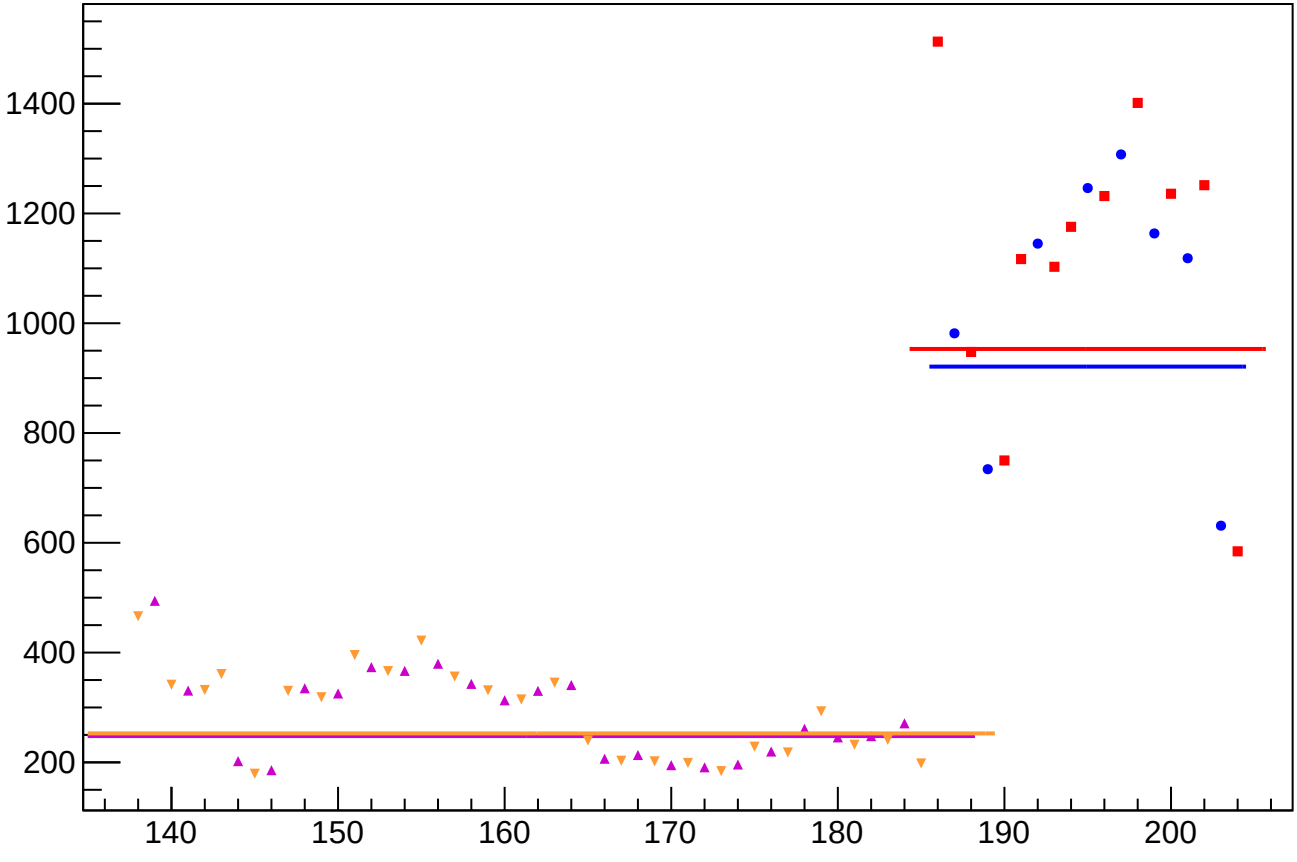
Right: -70.302+/-278.460 χ^2/NDF: 18.3/18

In: -34.133+/-60.868 χ^2/NDF:33.6/30

Out: 242.638+/-60.643 χ^2/NDF:76.5/35

All: 104.764+/-42.960 χ^2/NDF: 120.5/66

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 920.998+/-0.302 χ^2/NDF: 788079.7/7

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 953.167+/-0.260 χ^2/NDF: 1300945.2/10

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

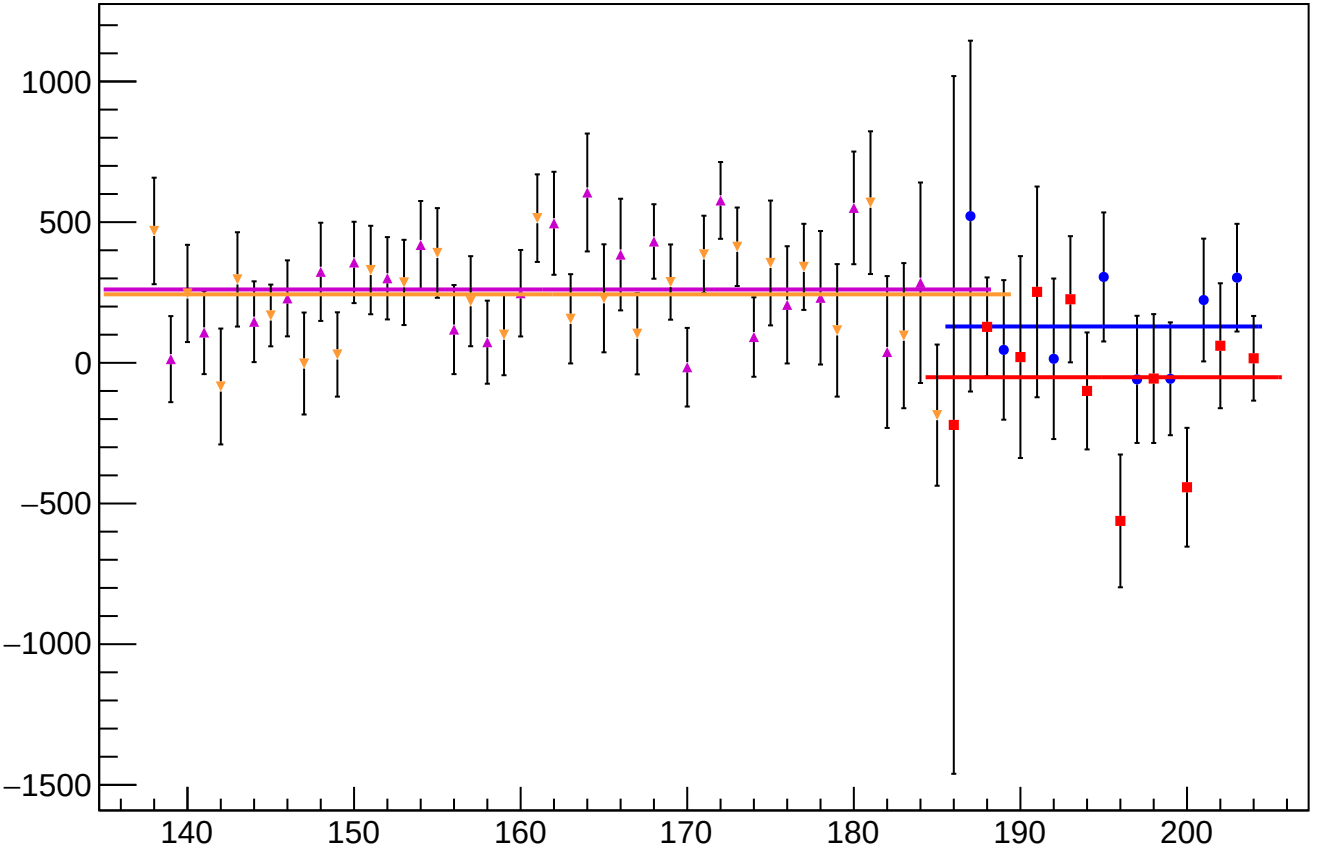
Right: 939.499+/-0.197 χ^2/NDF: 2095547.4/18

In: 261.583+/-0.043 χ^2/NDF:8026757.9/30

Out: 271.827+/-0.043 χ^2/NDF:11029323.7/35

All: 266.724+/-0.030 χ^2/NDF: 19084513.5/66

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 129.200+/-83.656 χ^2/NDF: 3.8/7

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: -51.187+/-68.224 χ^2/NDF: 11.9/10

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

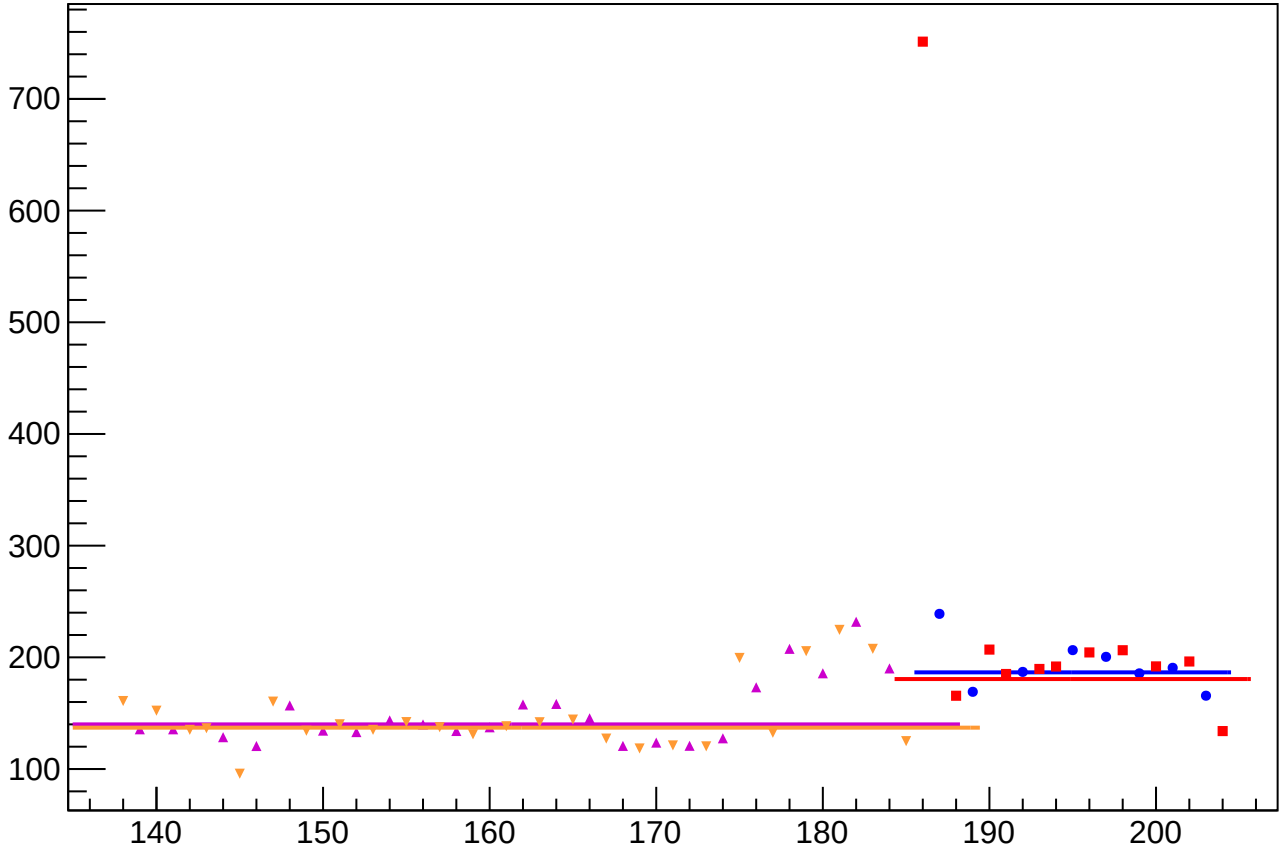
Right: 20.866+/-52.871 χ^2/NDF: 18.5/18

In: 242.112+/-31.488 χ^2/NDF:34.4/30

Out: 188.296+/-29.516 χ^2/NDF:50.5/35

All: 213.466+/-21.535 χ^2/NDF: 86.4/66

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 186.555+/-0.059 χ^2/NDF: 71193.6/7

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 180.563+/-0.048 χ^2/NDF: 711620.0/10

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

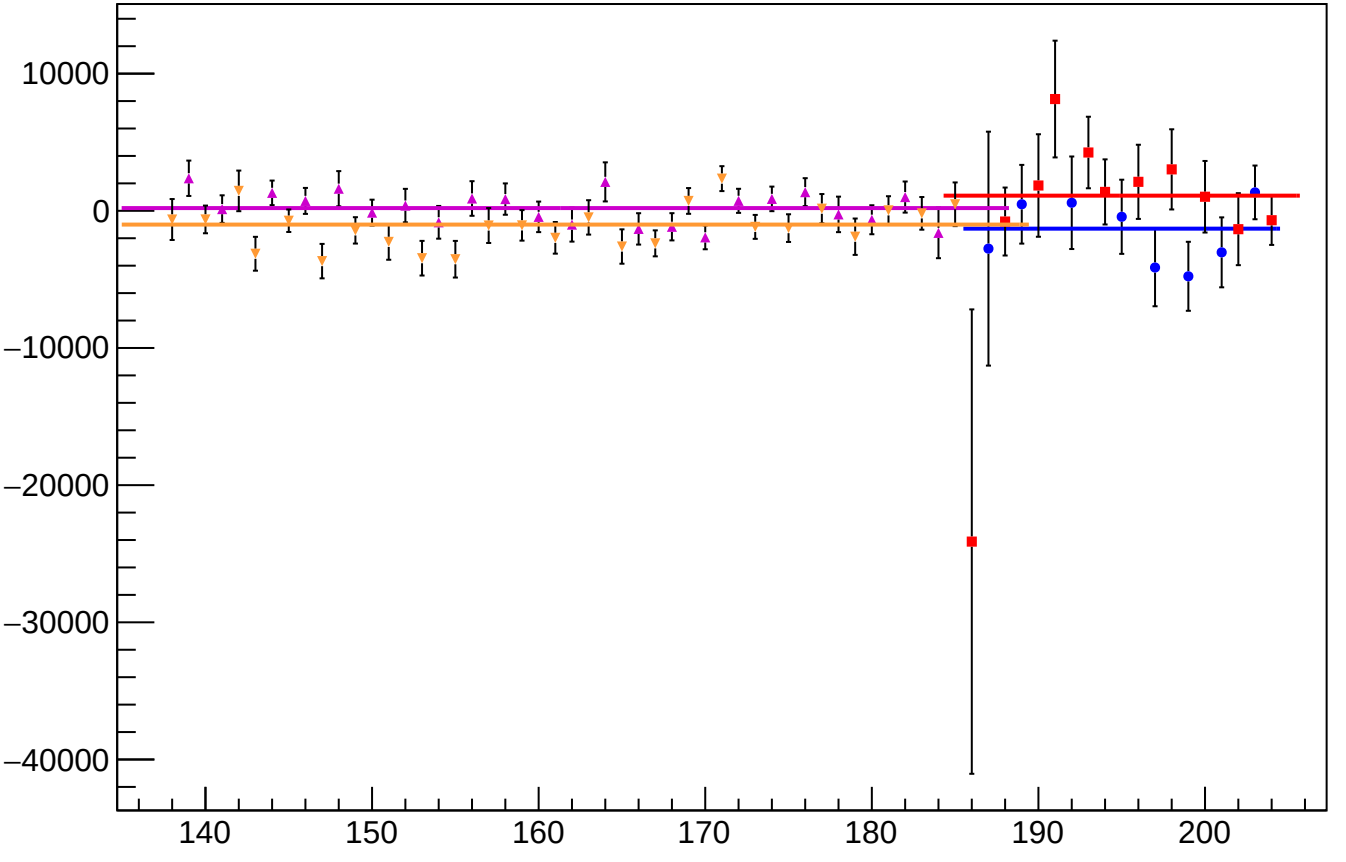
Right: 182.956+/-0.037 χ^2/NDF: 788976.5/18

In: 146.567+/-0.022 χ^2/NDF:1441745.6/30

Out: 145.183+/-0.021 χ^2/NDF:2573720.1/35

All: 145.830+/-0.015 χ^2/NDF: 4017522.4/66

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -1301.097+/-972.182 χ^2/NDF: 6.0/7

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 1104.501+/-824.005 χ^2/NDF: 9.5/10

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

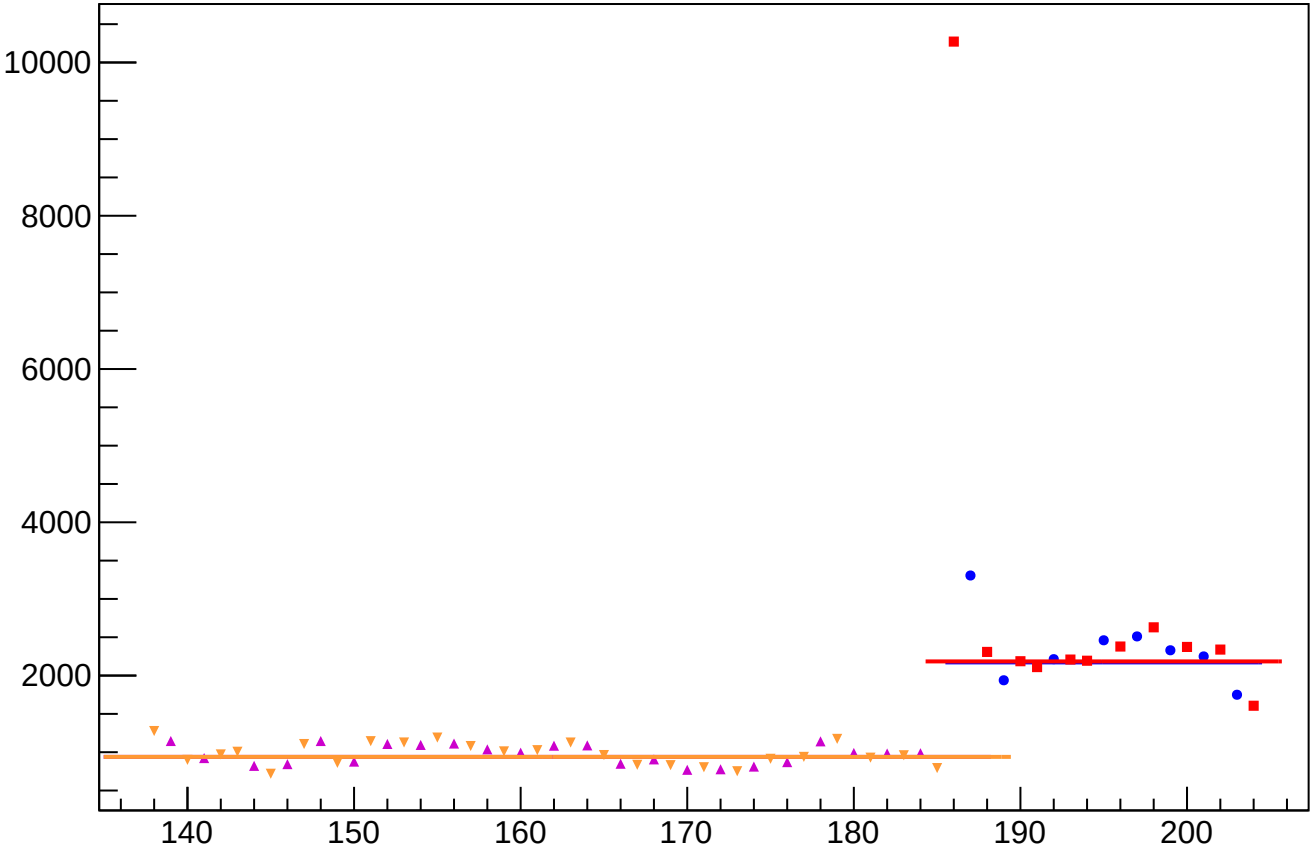
Right: 98.811+/-628.591 χ^2/NDF: 19.1/18

In: 121.763+/-220.128 χ^2/NDF:32.9/30

Out: -861.187+/-214.705 χ^2/NDF:60.2/35

All: -381.968+/-153.701 χ^2/NDF: 103.4/66

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2171.771+/-0.687 χ^2/NDF: 203243.9/7

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2184.713+/-0.583 χ^2/NDF: 743007.1/10

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

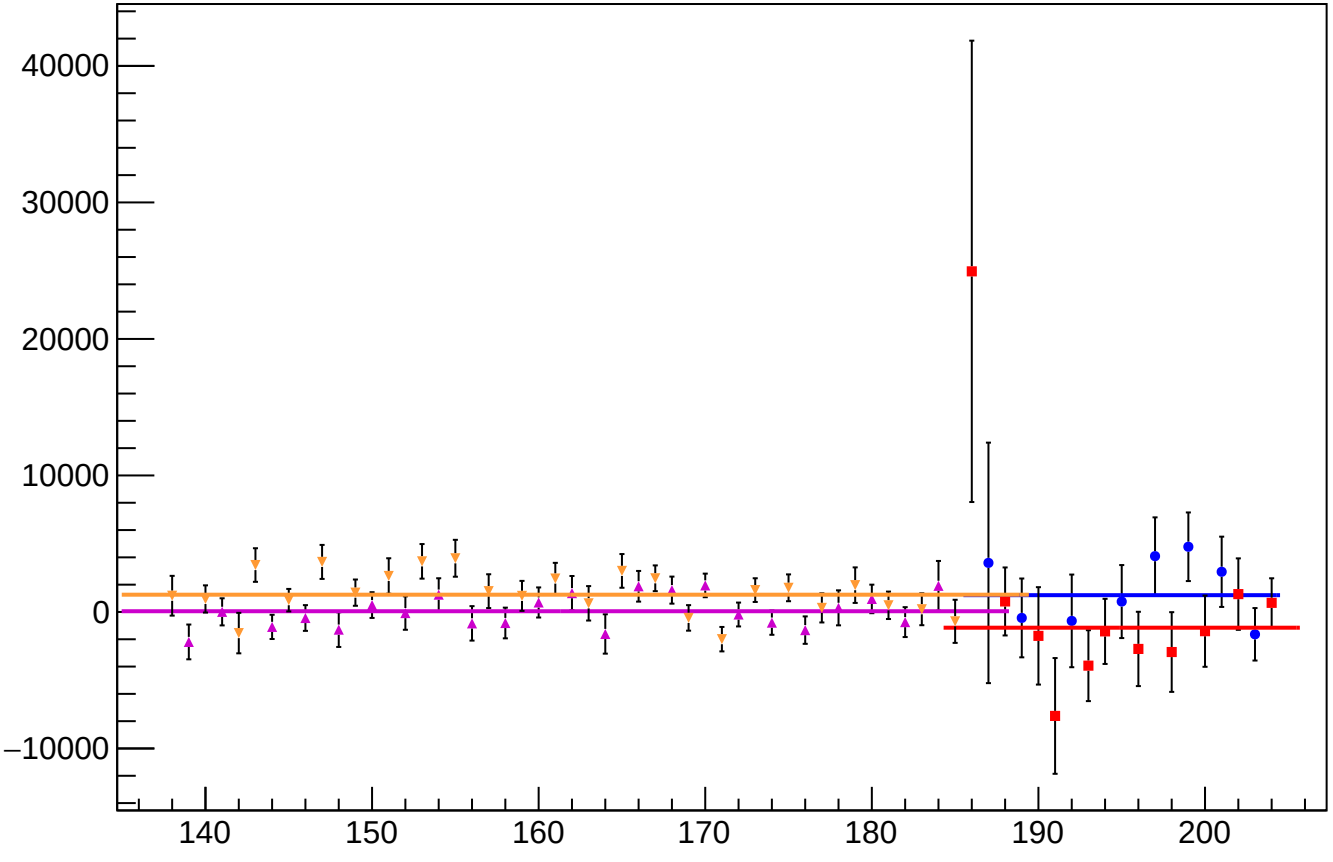
Right: 2179.302+/-0.444 χ^2/NDF: 946457.3/18

In: 1001.971+/-0.156 χ^2/NDF:3866877.4/30

Out: 1023.564+/-0.152 χ^2/NDF:5832099.3/35

All: 1013.037+/-0.109 χ^2/NDF: 9708839.7/66

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 1230.242+/-969.689 χ^2/NDF: 6.4/7

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -1152.600+/-822.810 χ^2/NDF: 9.1/10

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

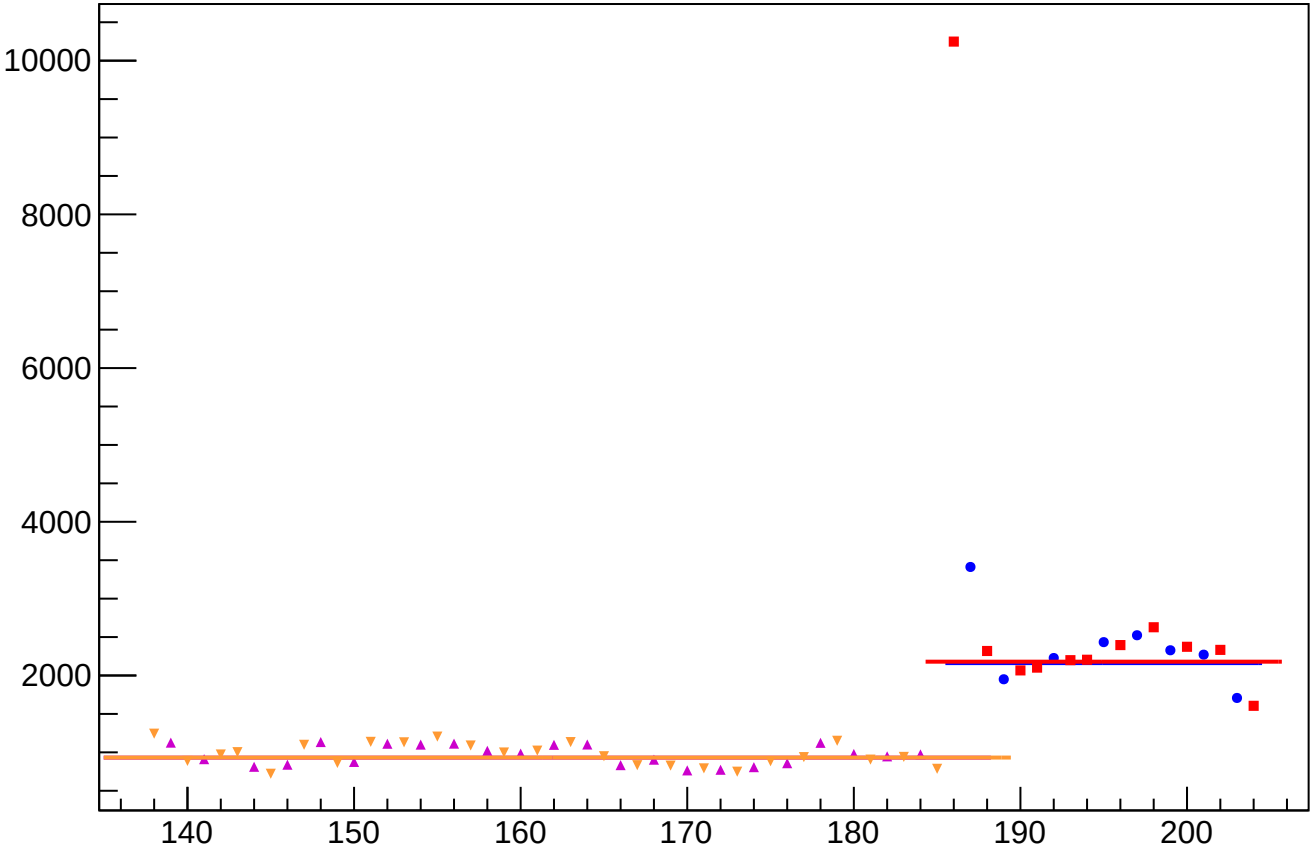
Right: -155.128+/-627.386 χ^2/NDF: 19.0/18

In: 113.717+/-218.595 χ^2/NDF:34.2/30

Out: 1102.783+/-213.098 χ^2/NDF:62.7/35

All: 620.843+/-152.590 χ^2/NDF: 107.4/66

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2161.298+/-0.686 χ^2/NDF: 228867.2/7

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2179.765+/-0.582 χ^2/NDF: 746664.2/10

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

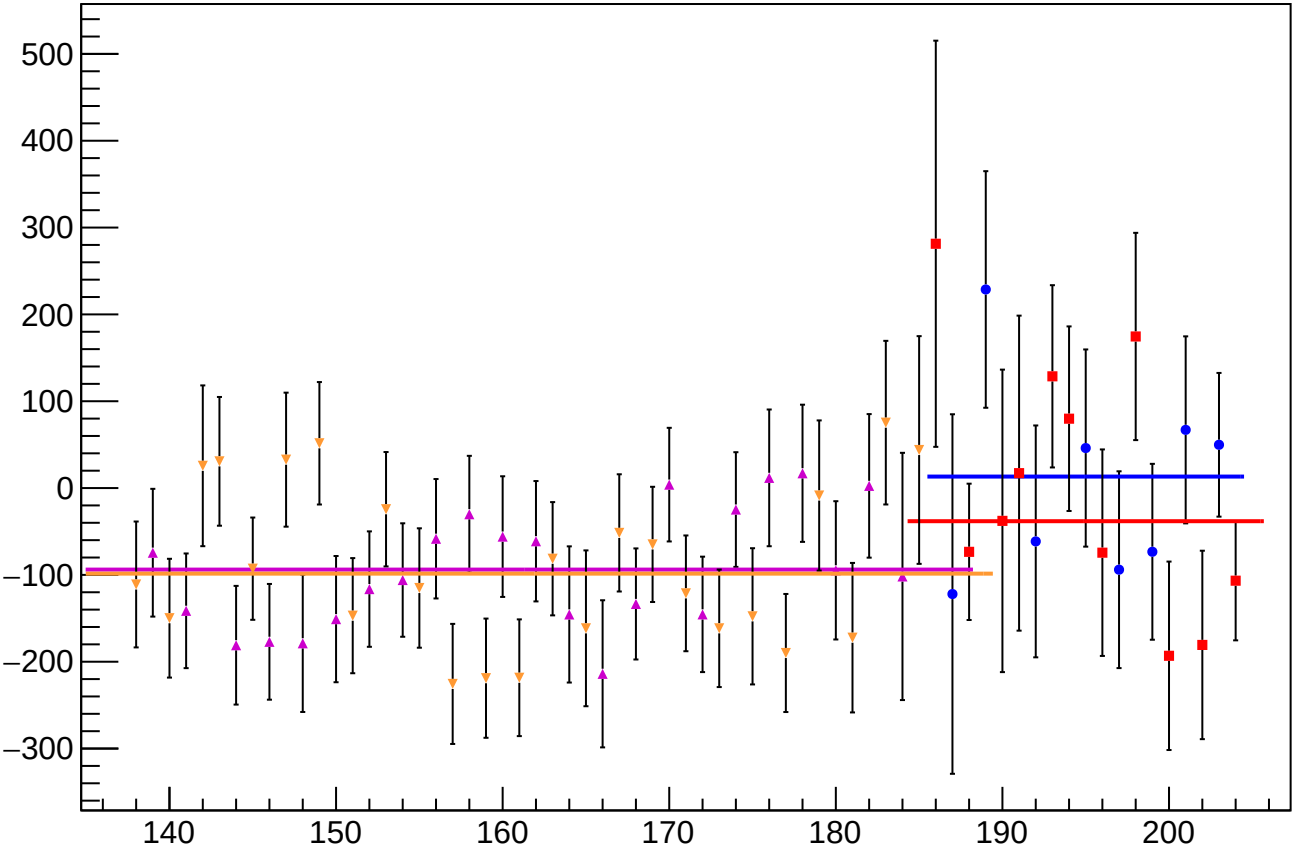
Right: 2172.034+/-0.444 χ^2/NDF: 975953.2/18

In: 993.383+/-0.155 χ^2/NDF:3907449.6/30

Out: 1015.852+/-0.151 χ^2/NDF:5865070.4/35

All: 1004.904+/-0.108 χ^2/NDF: 9783355.0/66

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 13.234+/-40.211 χ^2/NDF: 5.4/7

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: -38.167+/-32.515 χ^2/NDF: 14.0/10

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

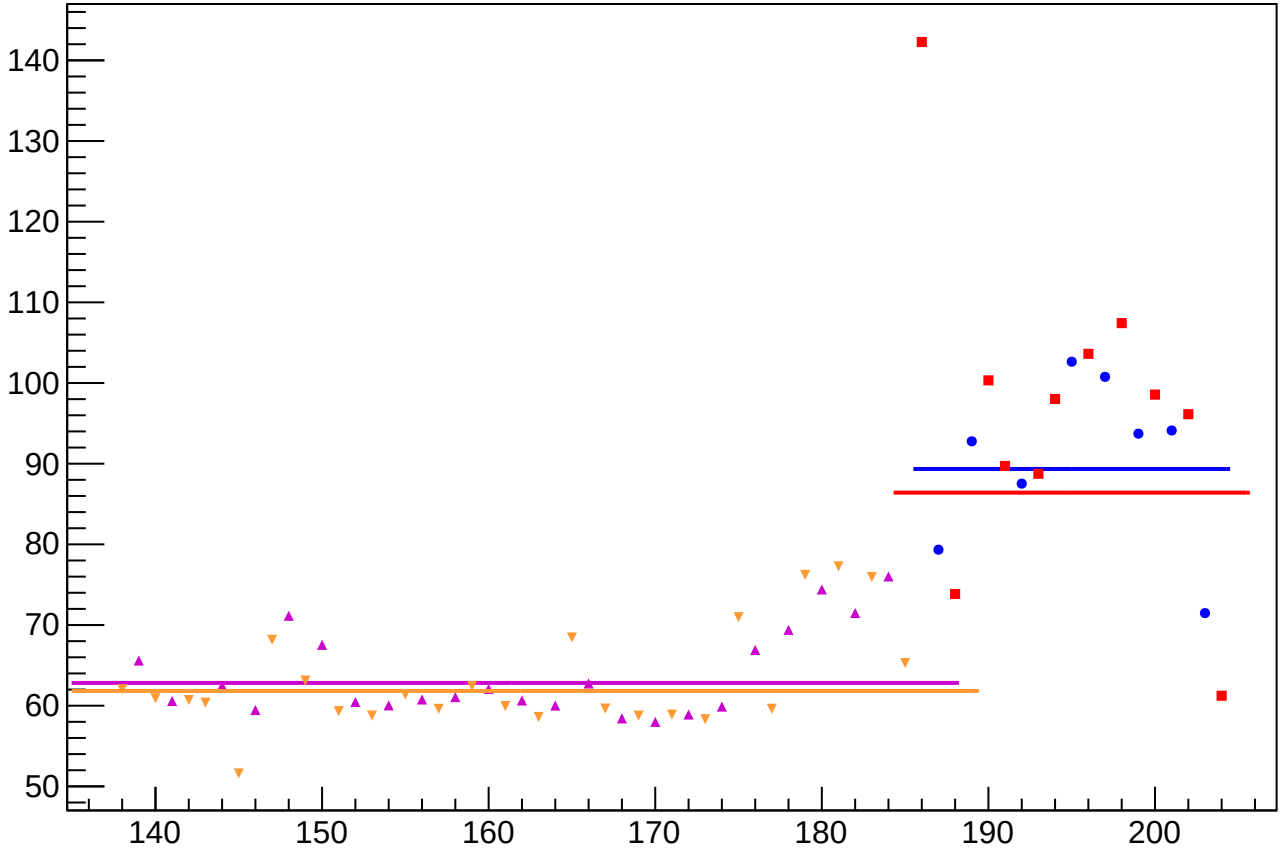
Right: -17.846+/-25.284 χ^2/NDF: 20.3/18

In: -80.753+/-14.086 χ^2/NDF:30.9/30

Out: -88.511+/-13.262 χ^2/NDF:52.1/35

All: -84.865+/-9.656 χ^2/NDF: 83.1/66

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 89.345+/-0.028 χ^2/NDF: 154909.0/7

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 86.411+/-0.023 χ^2/NDF: 617112.6/10

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

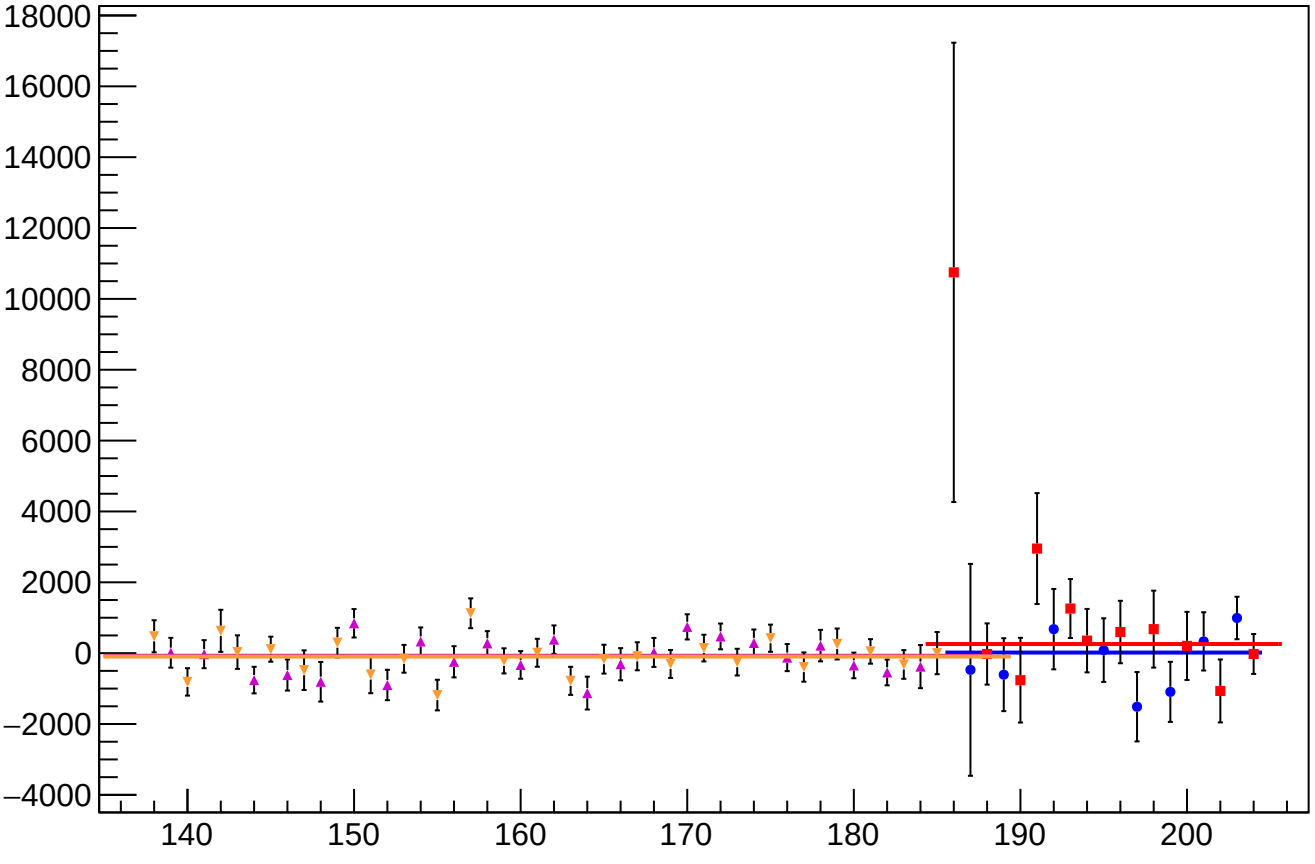
Right: 87.571+/-0.018 χ^2/NDF: 778459.2/18

In: 66.081+/-0.010 χ^2/NDF:1104963.8/30

Out: 65.917+/-0.009 χ^2/NDF:1883794.8/35

All: 65.994+/-0.007 χ^2/NDF: 2988903.4/66

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 16.931+/-319.931 χ^2/NDF: 7.7/7

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 257.674+/-279.535 χ^2/NDF: 10.6/10

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

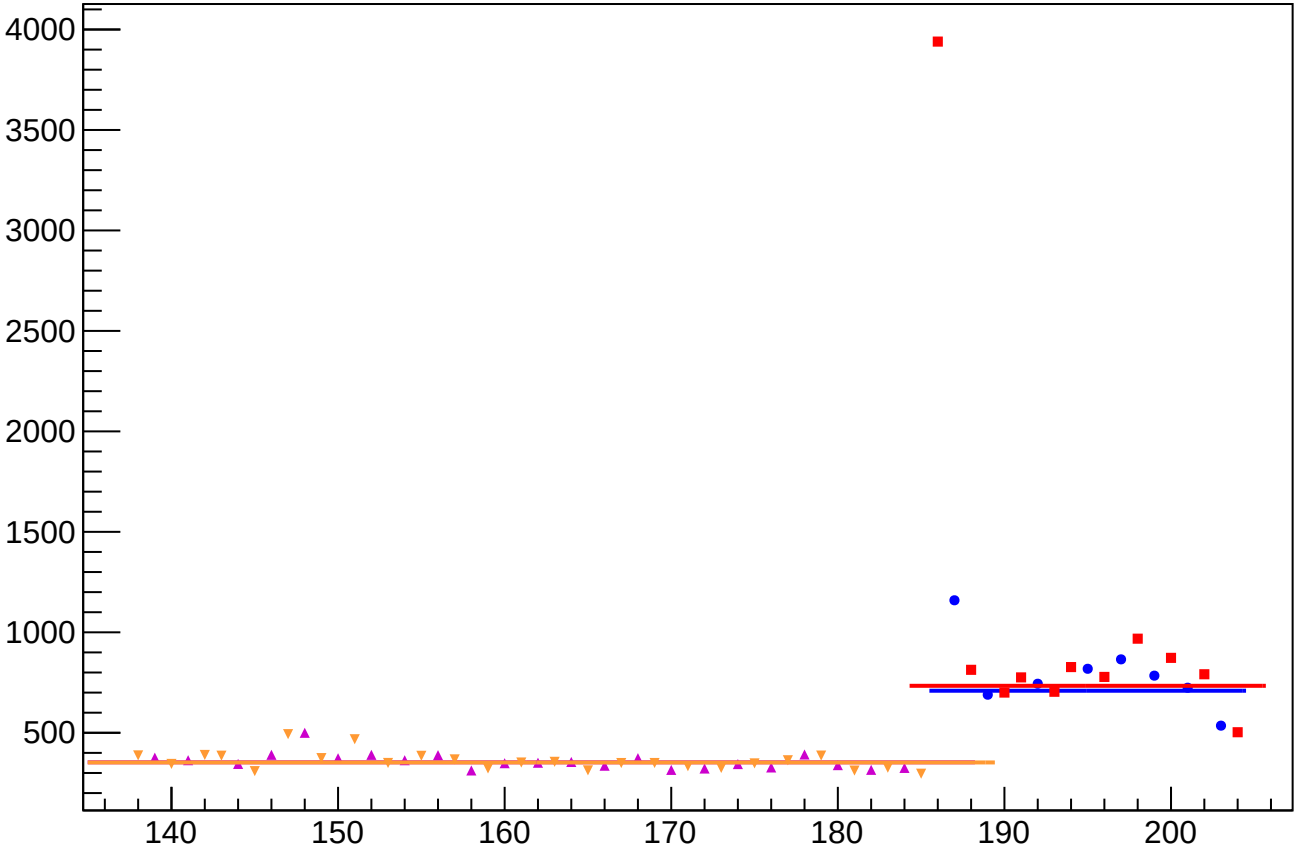
Right: 153.452+/-210.503 χ^2/NDF: 18.7/18

In: -67.970+/-81.836 χ^2/NDF:44.1/30

Out: -66.436+/-79.434 χ^2/NDF:43.7/35

All: -67.180+/-56.999 χ^2/NDF: 87.8/66

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 709.287+/-0.226 χ^2/NDF: 312887.3/7

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 733.811+/-0.198 χ^2/NDF: 1018379.1/10

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

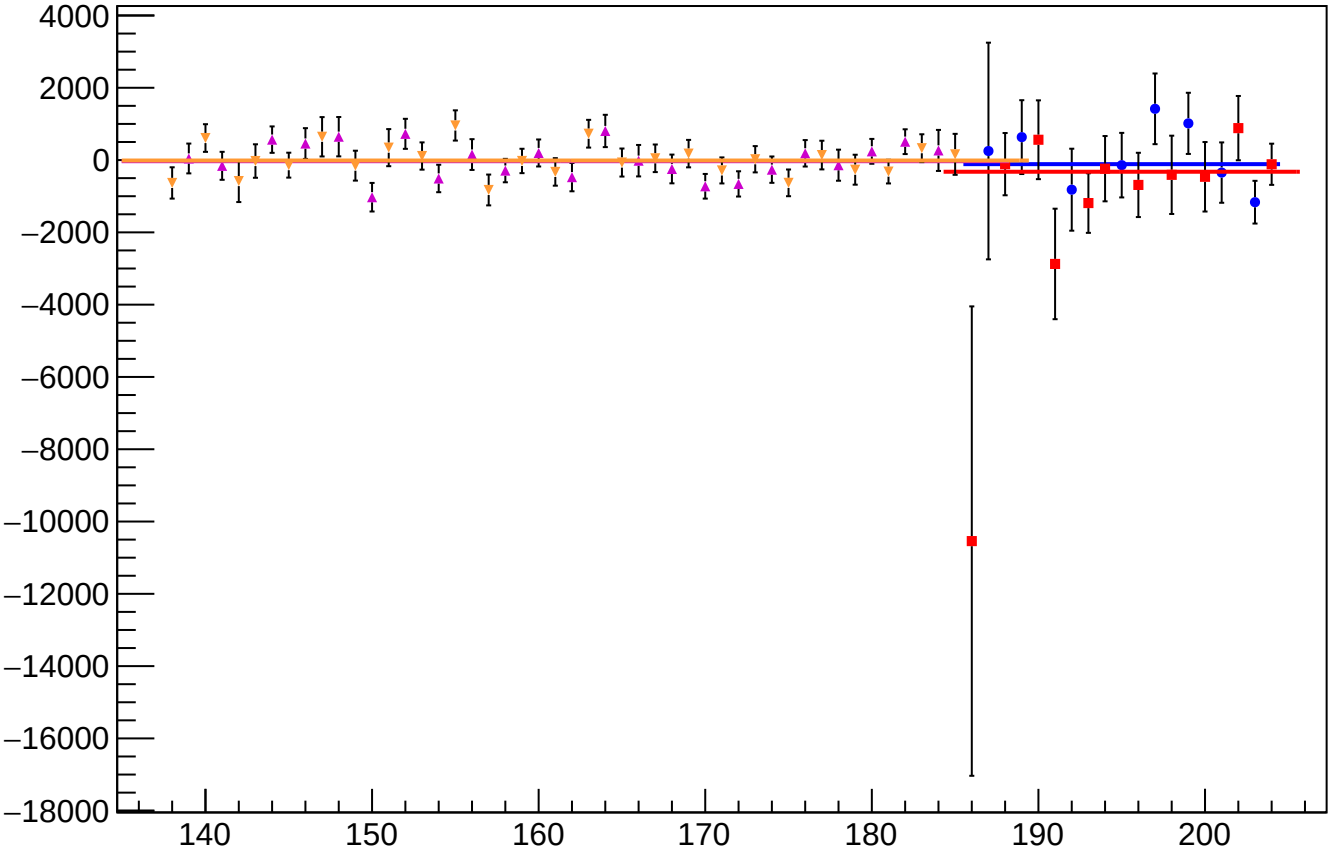
Right: 723.194+/-0.149 χ^2/NDF: 1337930.9/18

In: 376.496+/-0.058 χ^2/NDF:2950167.3/30

Out: 383.201+/-0.056 χ^2/NDF:4859616.2/35

All: 379.948+/-0.040 χ^2/NDF: 7816697.2/66

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -112.758+/-318.742 χ^2/NDF: 8.4/7

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -322.960+/-278.607 χ^2/NDF: 9.3/10

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

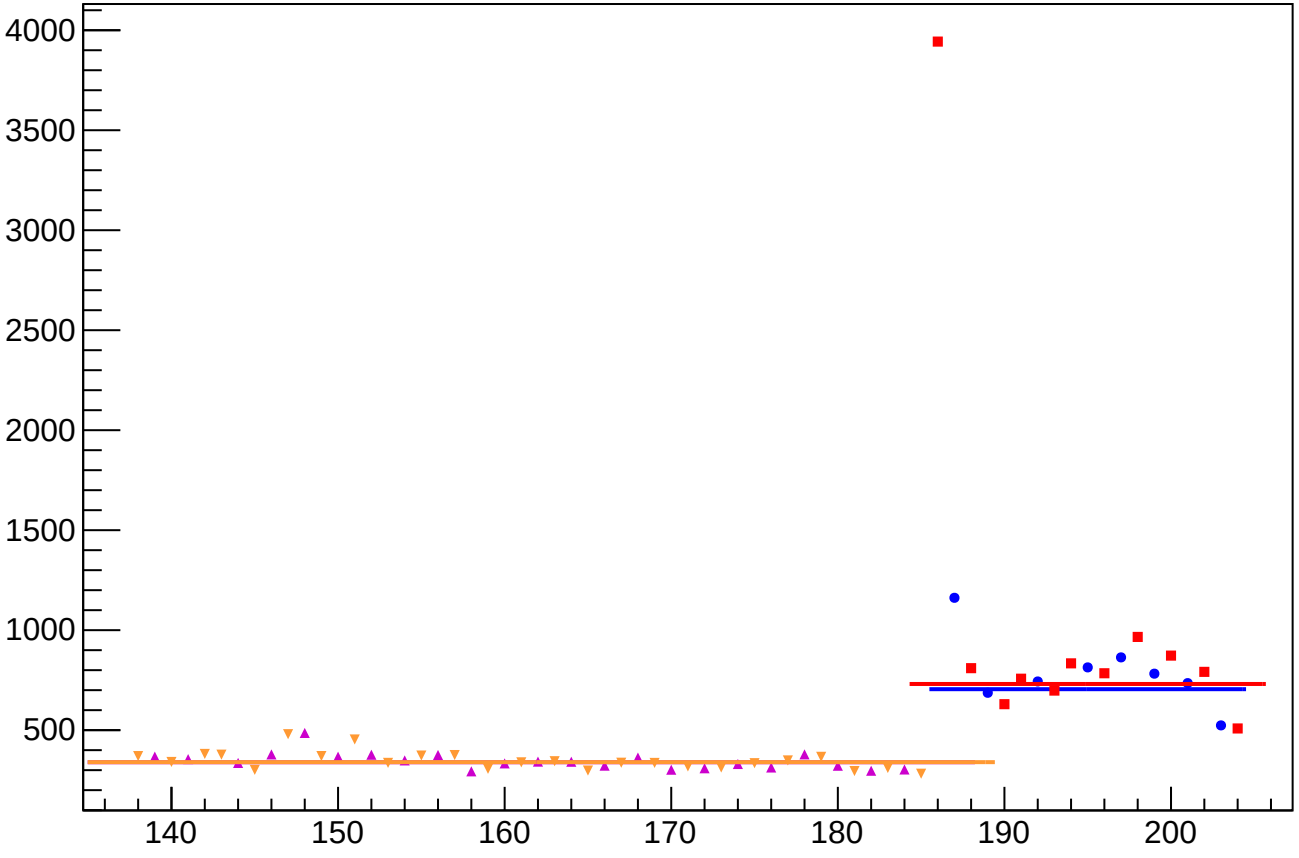
Right: -231.919+/-209.768 χ^2/NDF: 17.9/18

In: -36.513+/-78.938 χ^2/NDF:43.3/30

Out: -36.181+/-76.879 χ^2/NDF:37.8/35

All: -36.342+/-55.075 χ^2/NDF: 81.0/66

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 704.892+/-0.225 χ^2/NDF: 339306.8/7

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 730.955+/-0.197 χ^2/NDF: 1012764.0/10

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

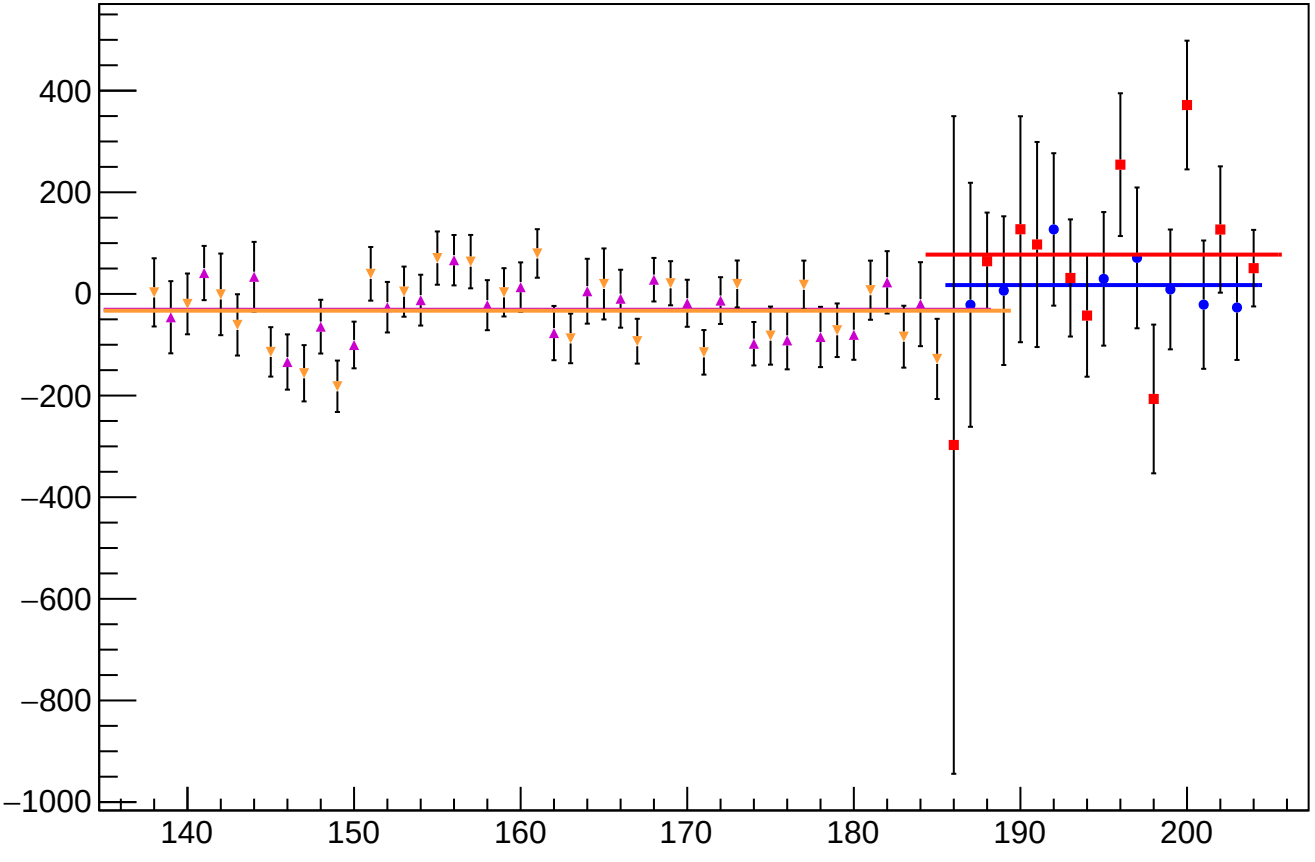
Right: 719.667+/-0.148 χ^2/NDF: 1359651.2/18

In: 361.977+/-0.056 χ^2/NDF:3183244.4/30

Out: 369.785+/-0.054 χ^2/NDF:5116121.9/35

All: 365.984+/-0.039 χ^2/NDF: 8309409.2/66

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 17.417+/-47.292 χ^2/NDF: 1.0/7

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 77.372+/-37.761 χ^2/NDF: 12.6/10

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

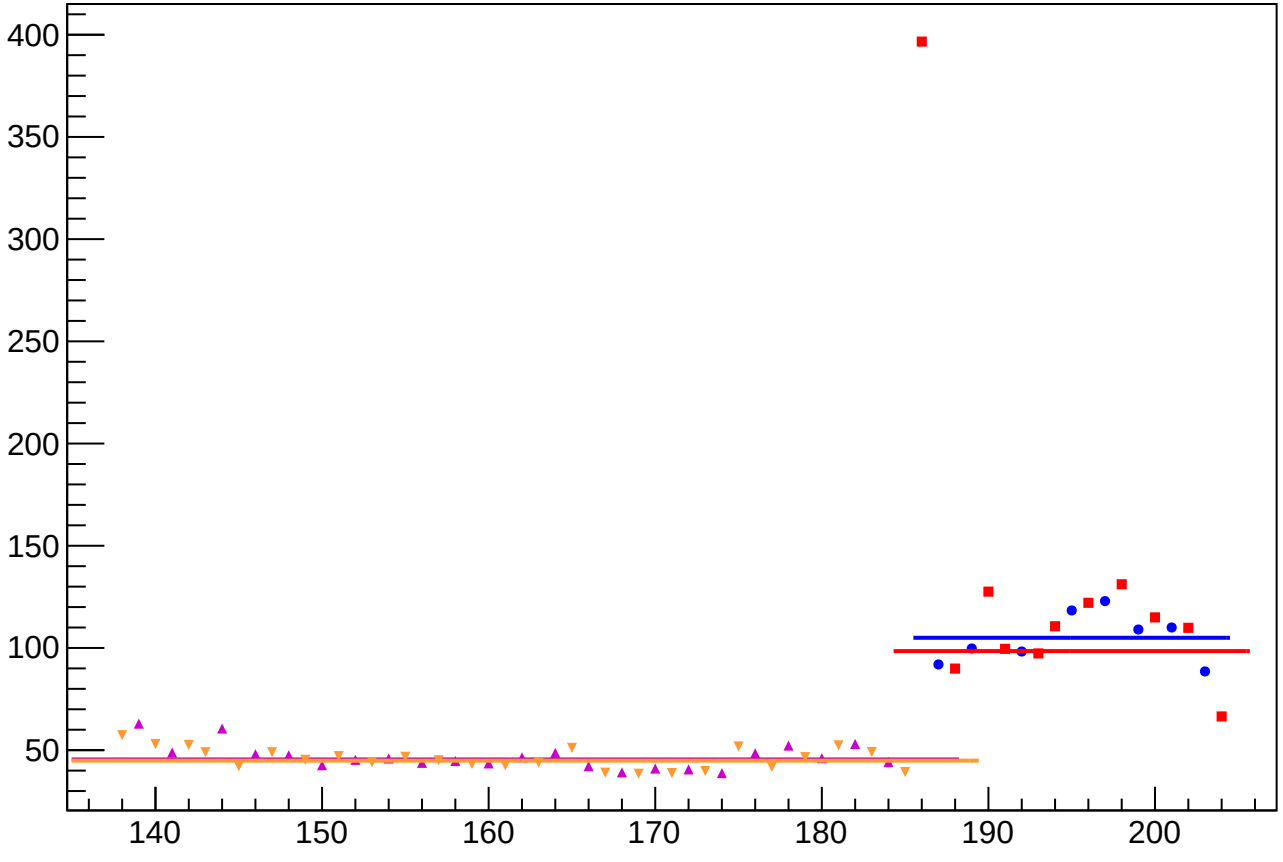
Right: 54.030+/-29.508 χ^2/NDF: 14.6/18

In: -28.670+/-10.675 χ^2/NDF:25.4/30

Out: -24.936+/-10.186 χ^2/NDF:68.5/35

All: -26.715+/-7.369 χ^2/NDF: 94.0/66

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 104.980+/-0.033 χ^2/NDF: 123161.9/7

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 98.471+/-0.027 χ^2/NDF: 1062856.1/10

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

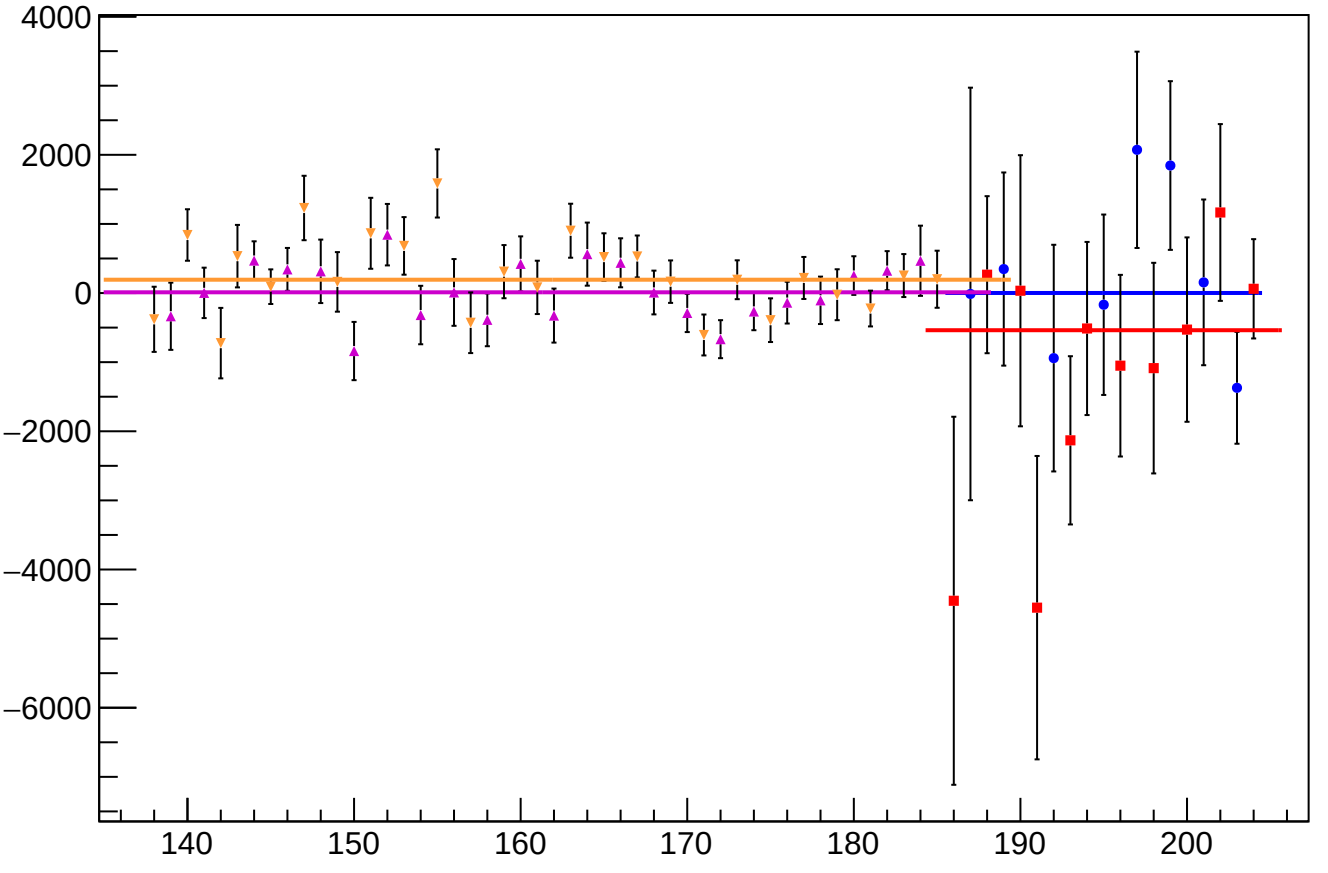
Right: 101.005+/-0.021 χ^2/NDF: 1209154.3/18

In: 48.497+/-0.008 χ^2/NDF:3586191.5/30

Out: 48.763+/-0.007 χ^2/NDF:5216143.7/35

All: 48.636+/-0.005 χ^2/NDF: 8802981.1/66

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.058+/-448.362 χ^2/NDF: 7.7/7

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -537.809+/-383.006 χ^2/NDF: 10.6/10

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

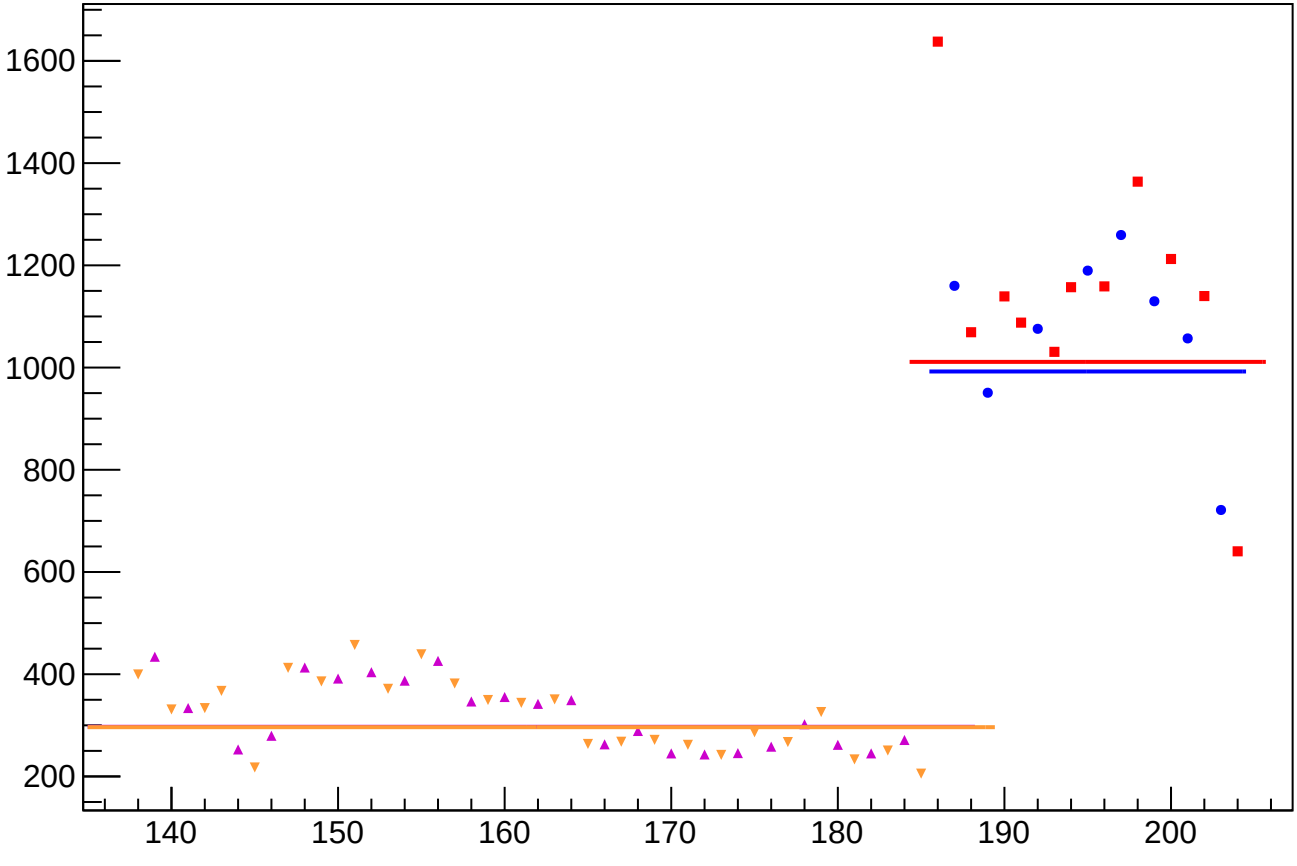
Right: -310.477+/-291.218 χ^2/NDF: 19.1/18

In: 10.554+/-71.378 χ^2/NDF:37.9/30

Out: 168.690+/-69.780 χ^2/NDF:59.9/35

All: 91.411+/-49.897 χ^2/NDF: 100.4/66

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 992.338+/-0.317 χ^2/NDF: 385234.2/7

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1011.127+/-0.271 χ^2/NDF: 885356.2/10

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

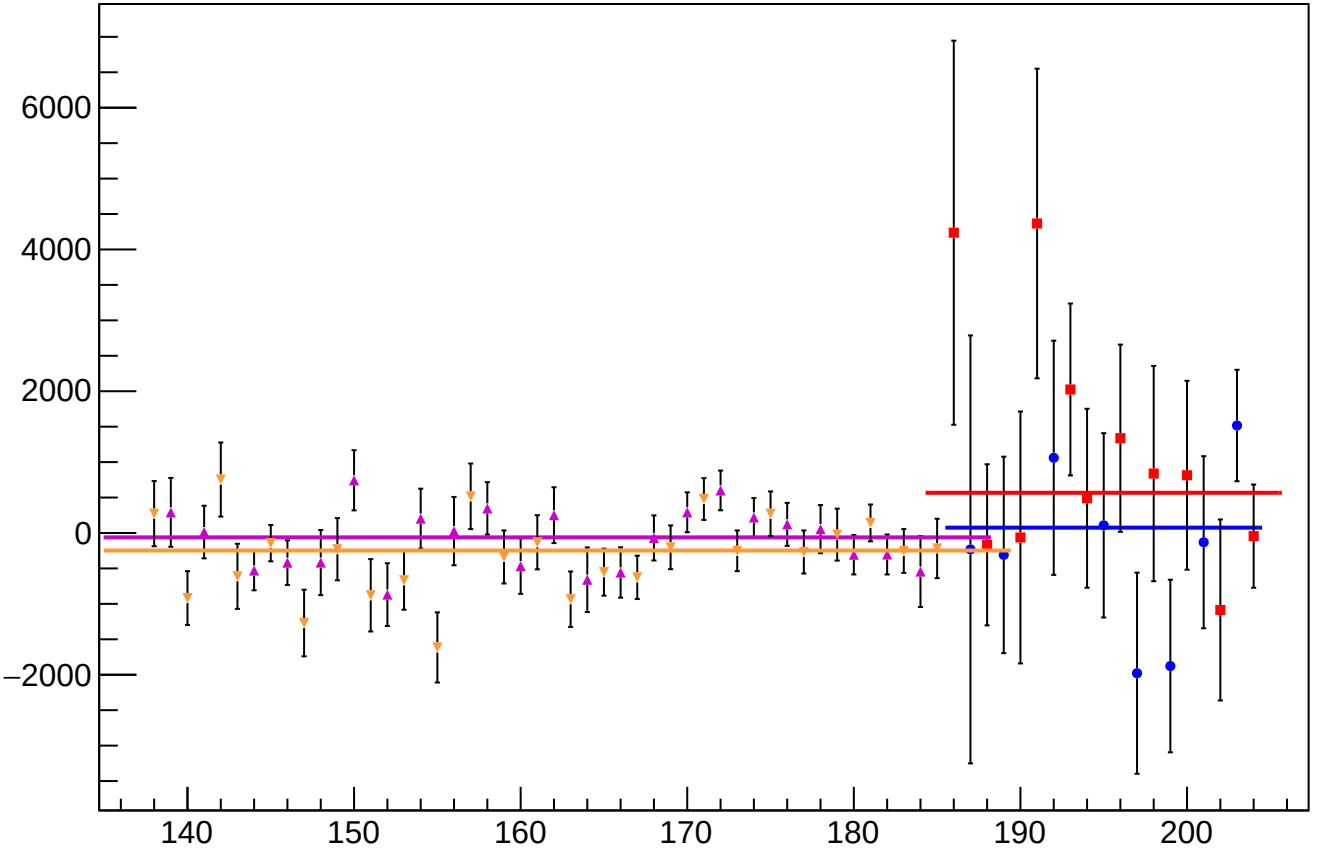
Right: 1003.201+/-0.206 χ^2/NDF: 1272620.8/18

In: 314.756+/-0.050 χ^2/NDF:6392436.1/30

Out: 320.108+/-0.049 χ^2/NDF:9254628.2/35

All: 317.493+/-0.035 χ^2/NDF: 15652813.9/66

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 75.359+/-444.793 χ^2/NDF: 8.5/7

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 567.491+/-383.083 χ^2/NDF: 9.6/10

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

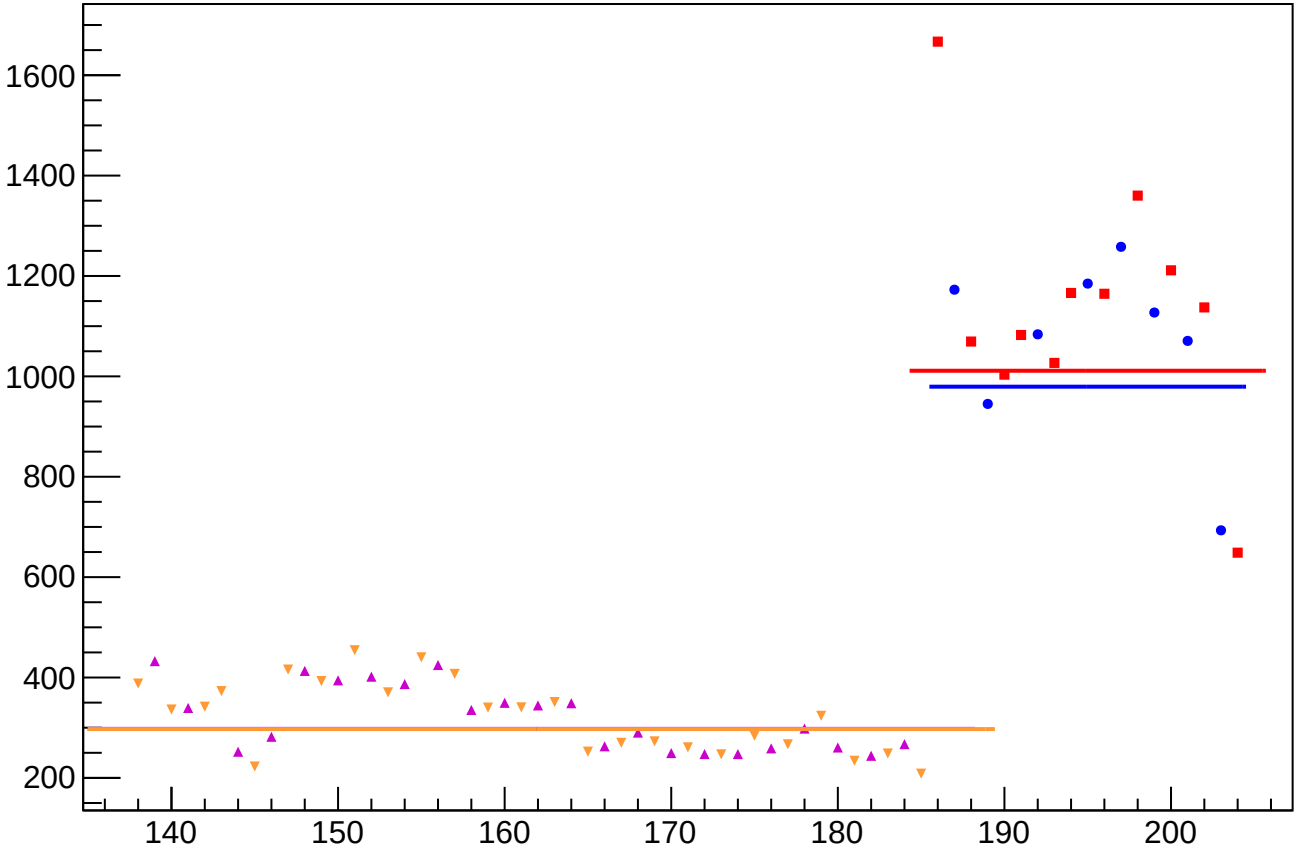
Right: 357.906+/-290.267 χ^2/NDF: 18.8/18

In: -58.162+/-71.534 χ^2/NDF:38.9/30

Out: -219.894+/-70.018 χ^2/NDF:57.6/35

All: -140.760+/-50.038 χ^2/NDF: 99.1/66

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 979.440+/-0.315 χ^2/NDF: 450040.2/7

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1011.203+/-0.271 χ^2/NDF: 847958.3/10

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

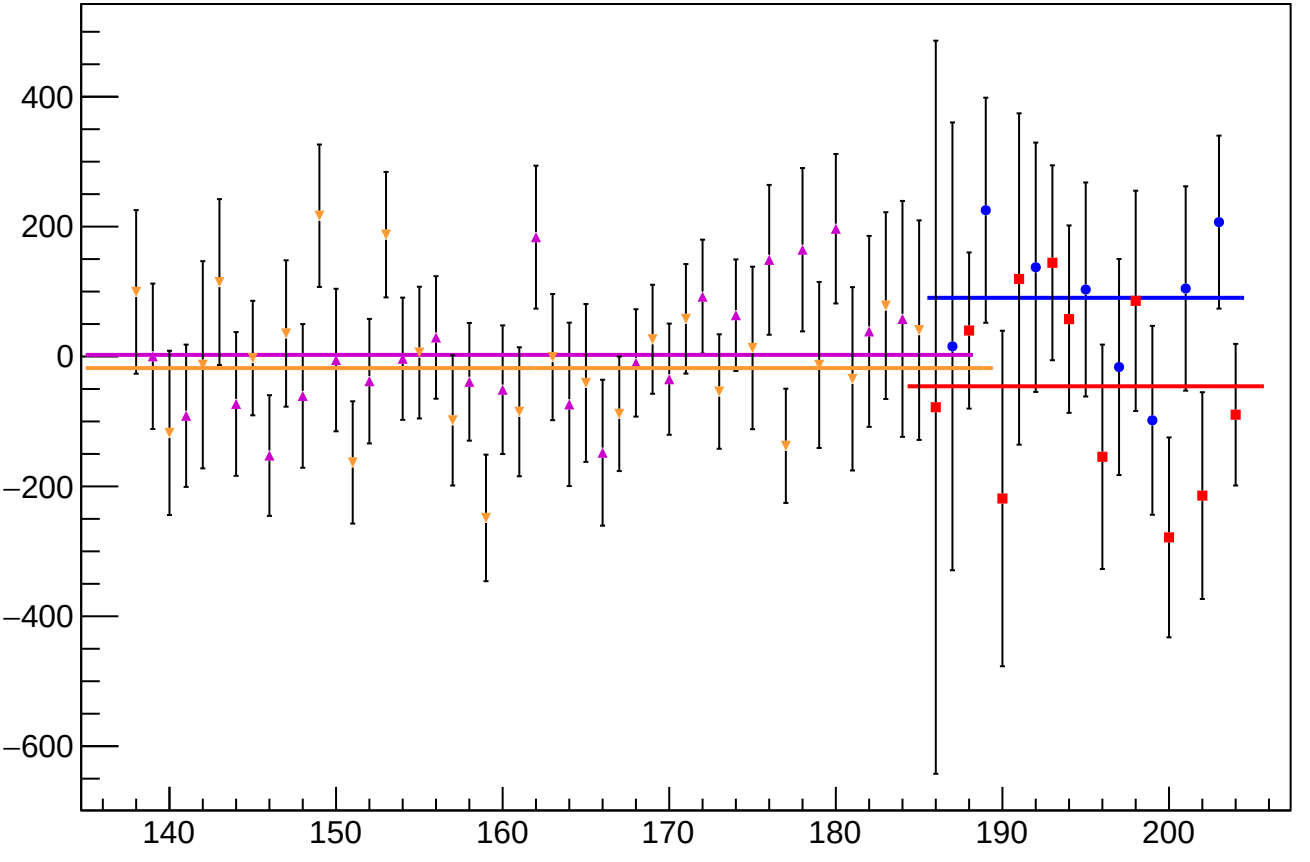
Right: 997.676+/-0.205 χ^2/NDF: 1303854.0/18

In: 315.329+/-0.051 χ^2/NDF:6301590.2/30

Out: 321.123+/-0.050 χ^2/NDF:9190125.2/35

All: 318.288+/-0.035 χ^2/NDF: 15498415.2/66

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 90.369+/-59.143 χ^2/NDF: 3.6/7

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: -45.851+/-48.267 χ^2/NDF: 8.1/10

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

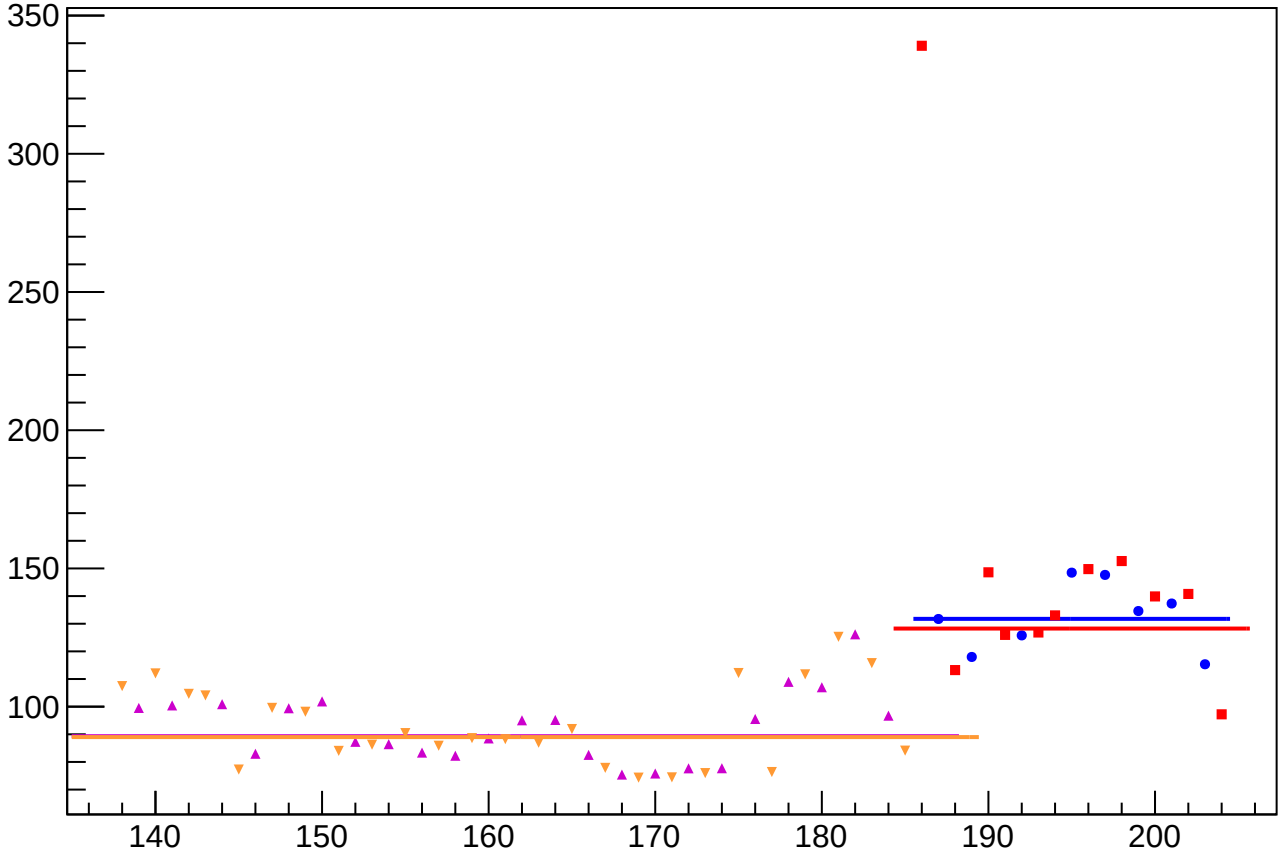
Right: 8.606+/-37.395 χ^2/NDF: 14.8/18

In: 12.831+/-20.274 χ^2/NDF:23.5/30

Out: -22.278+/-19.350 χ^2/NDF:33.9/35

All: -5.543+/-13.998 χ^2/NDF: 59.0/66

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 131.762+/-0.042 χ^2/NDF: 87115.5/7

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 128.255+/-0.034 χ^2/NDF: 583475.6/10

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

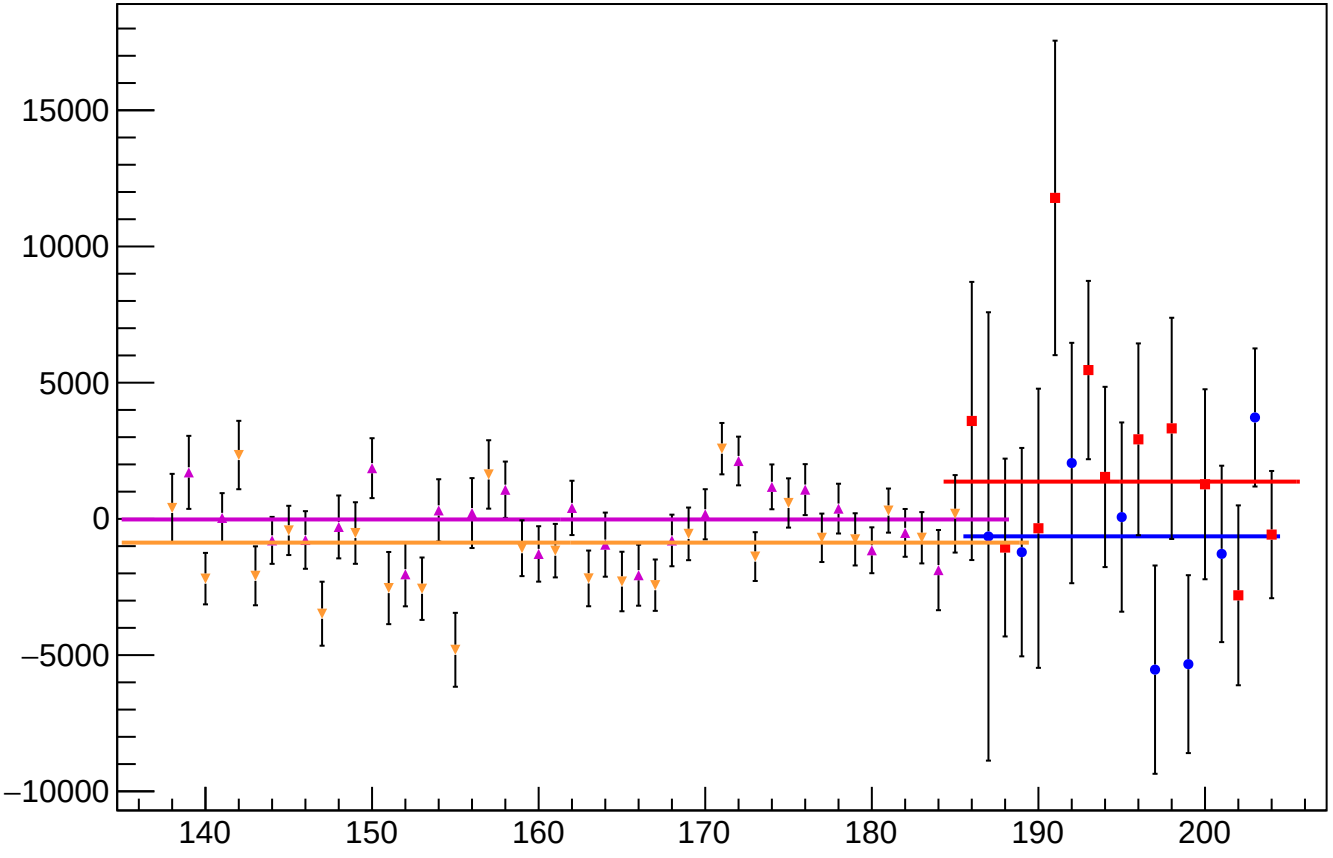
Right: 129.657+/-0.026 χ^2/NDF: 674813.3/18

In: 94.309+/-0.014 χ^2/NDF:1556408.6/30

Out: 95.301+/-0.014 χ^2/NDF:2501712.9/35

All: 94.828+/-0.010 χ^2/NDF: 4060626.6/66

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -640.368+/-1259.283 χ^2/NDF: 7.1/7

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 1368.269+/-1063.758 χ^2/NDF: 8.4/10

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

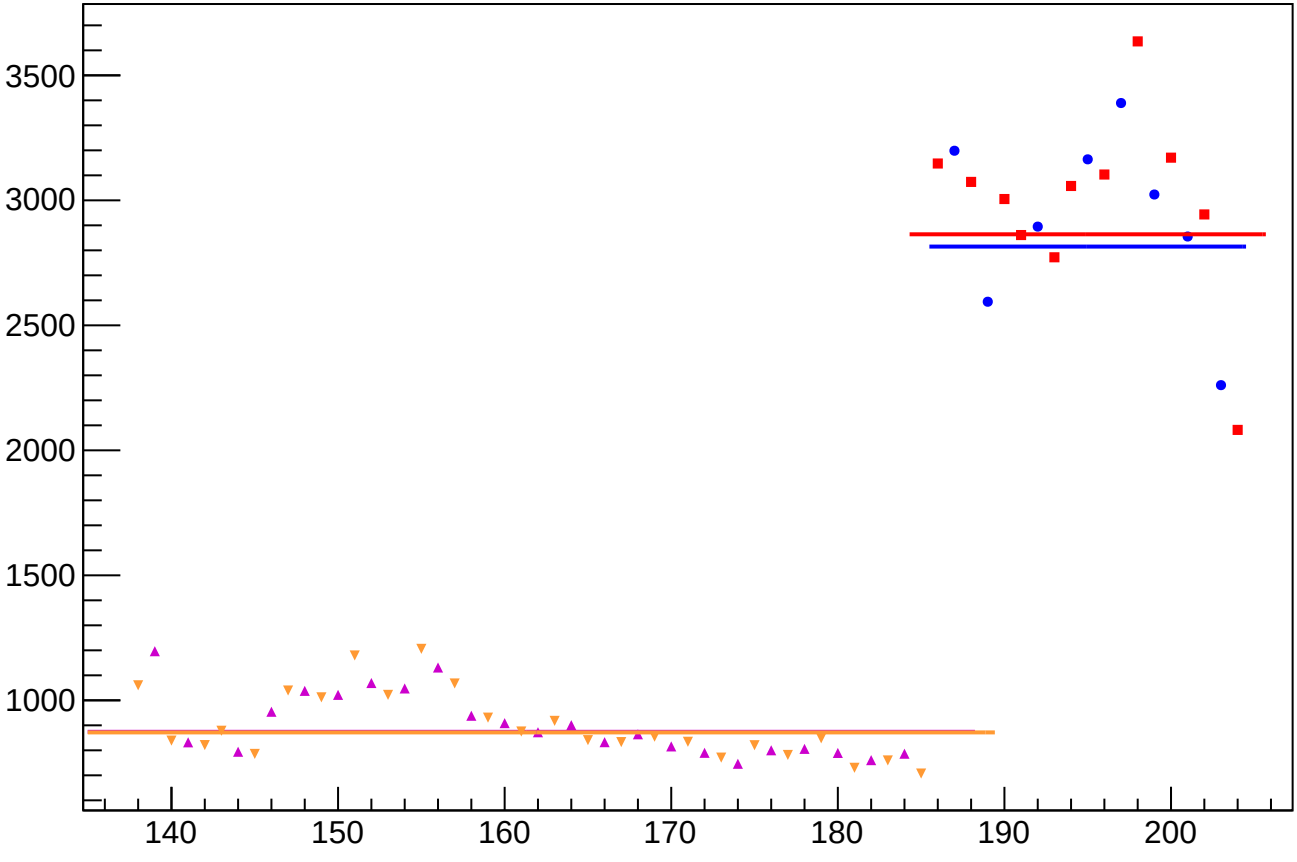
Right: 531.824+/-812.627 χ^2/NDF: 17.0/18

In: -37.371+/-207.309 χ^2/NDF:37.0/30

Out: -790.129+/-202.229 χ^2/NDF:70.3/35

All: -423.086+/-144.760 χ^2/NDF: 114.1/66

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 2815.076+/-0.890 χ^2/NDF: 181020.8/7

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 2864.187+/-0.752 χ^2/NDF: 346934.5/10

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

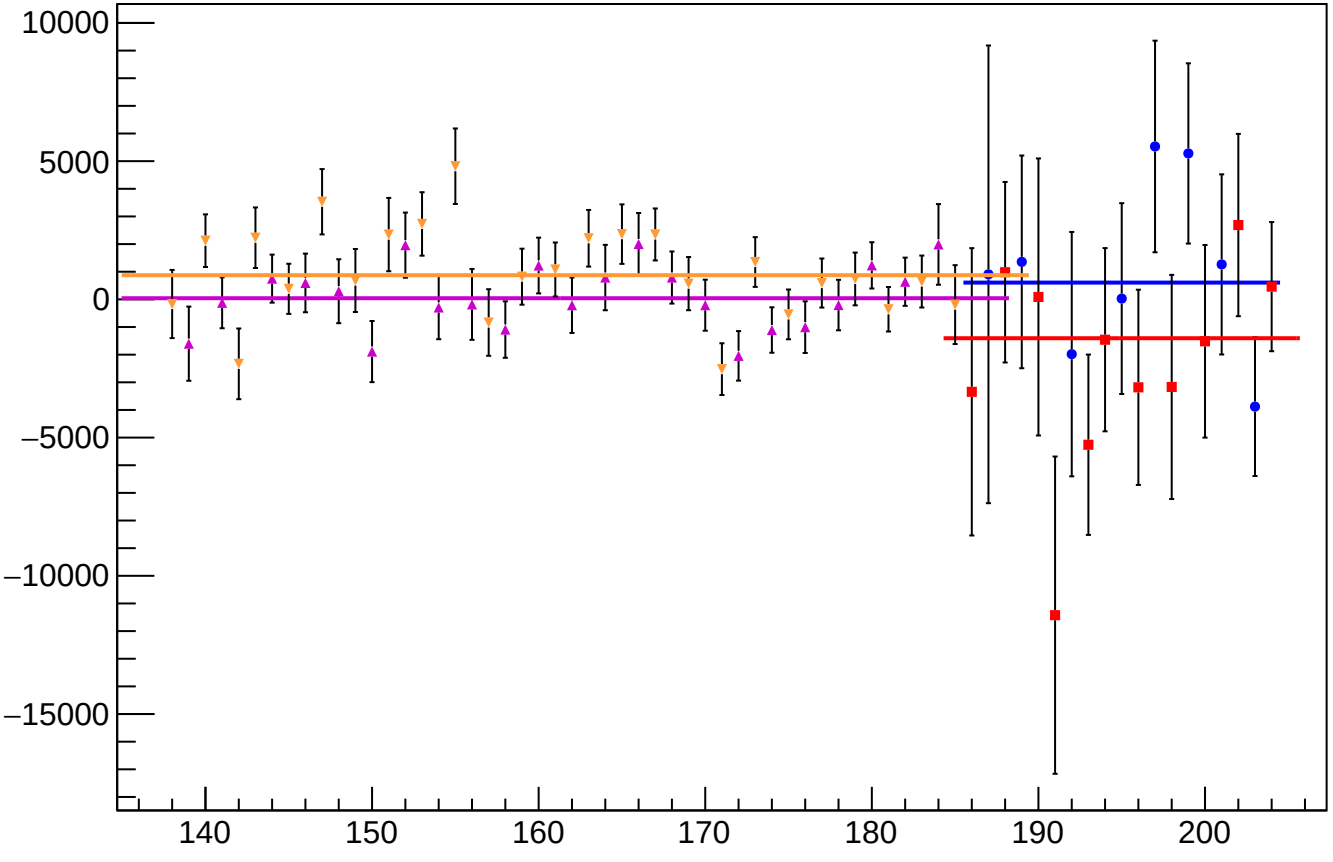
Right: 2843.736+/-0.575 χ^2/NDF: 529730.4/18

In: 926.660+/-0.147 χ^2/NDF:5382397.7/30

Out: 943.701+/-0.143 χ^2/NDF:7752548.2/35

All: 935.392+/-0.102 χ^2/NDF: 13141871.2/66

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 607.197+/-1257.469 χ^2/NDF: 7.4/7

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -1405.382+/-1063.197 χ^2/NDF: 7.8/10

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

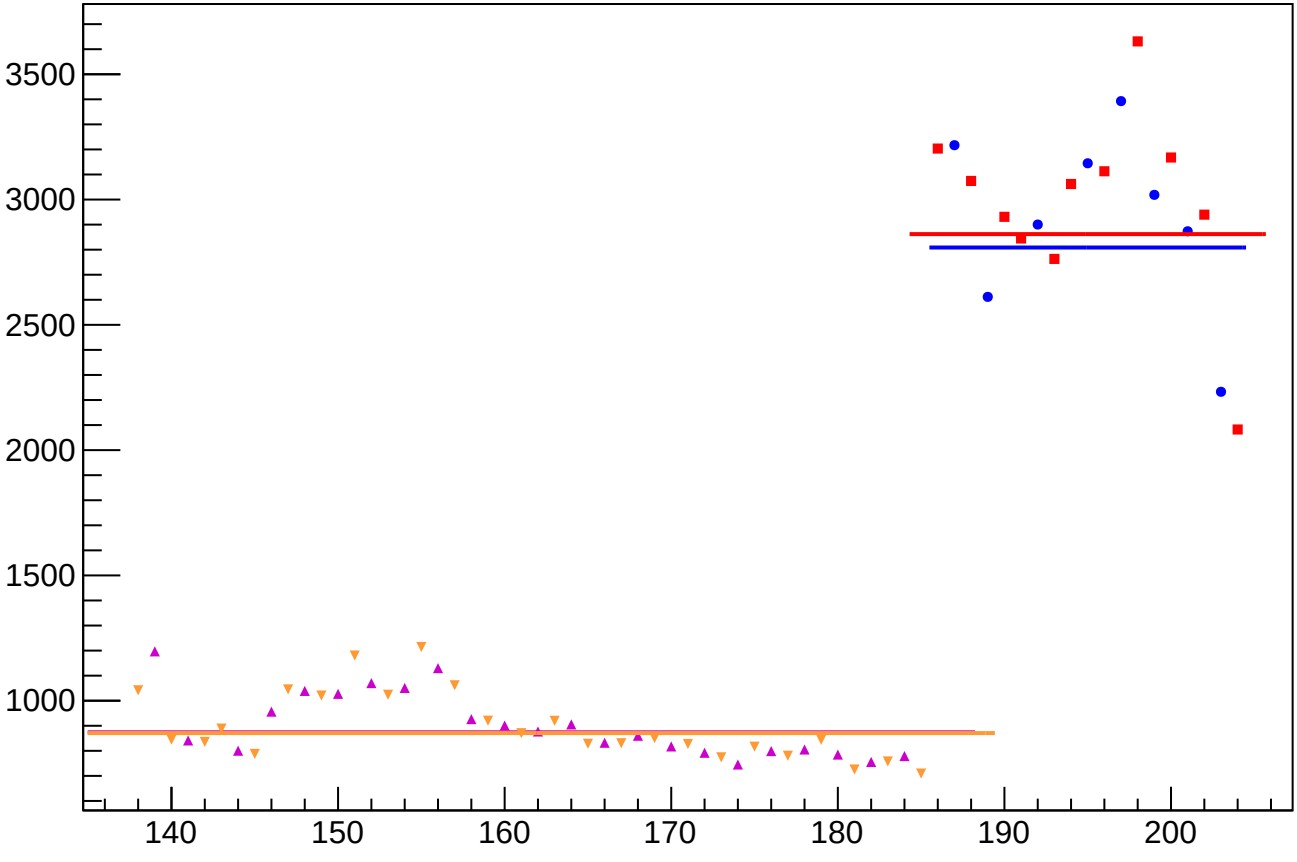
Right: -566.401+/-811.889 χ^2/NDF: 16.7/18

In: 56.901+/-207.332 χ^2/NDF:35.7/30

Out: 792.900+/-201.834 χ^2/NDF:67.3/35

All: 434.788+/-144.623 χ^2/NDF: 109.5/66

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 2808.602+/-0.889 χ^2/NDF: 190780.3/7

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 2862.092+/-0.752 χ^2/NDF: 348016.4/10

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

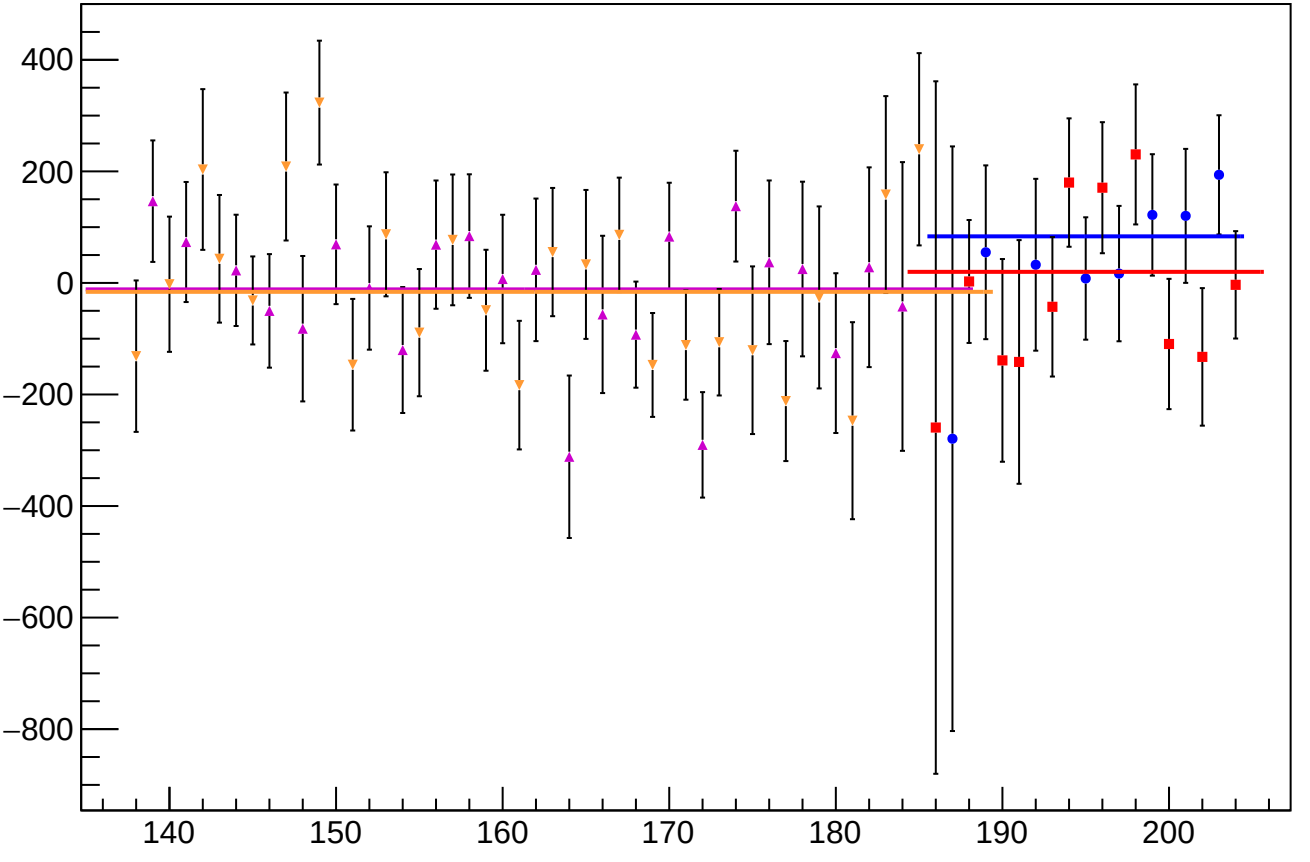
Right: 2839.794+/-0.574 χ^2/NDF: 540907.1/18

In: 926.498+/-0.147 χ^2/NDF:5379792.8/30

Out: 942.613+/-0.143 χ^2/NDF:7762360.2/35

All: 934.772+/-0.102 χ^2/NDF: 13148356.9/66

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 83.505+/-45.679 χ^2/NDF: 2.7/7

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: 19.871+/-38.971 χ^2/NDF: 11.0/10

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

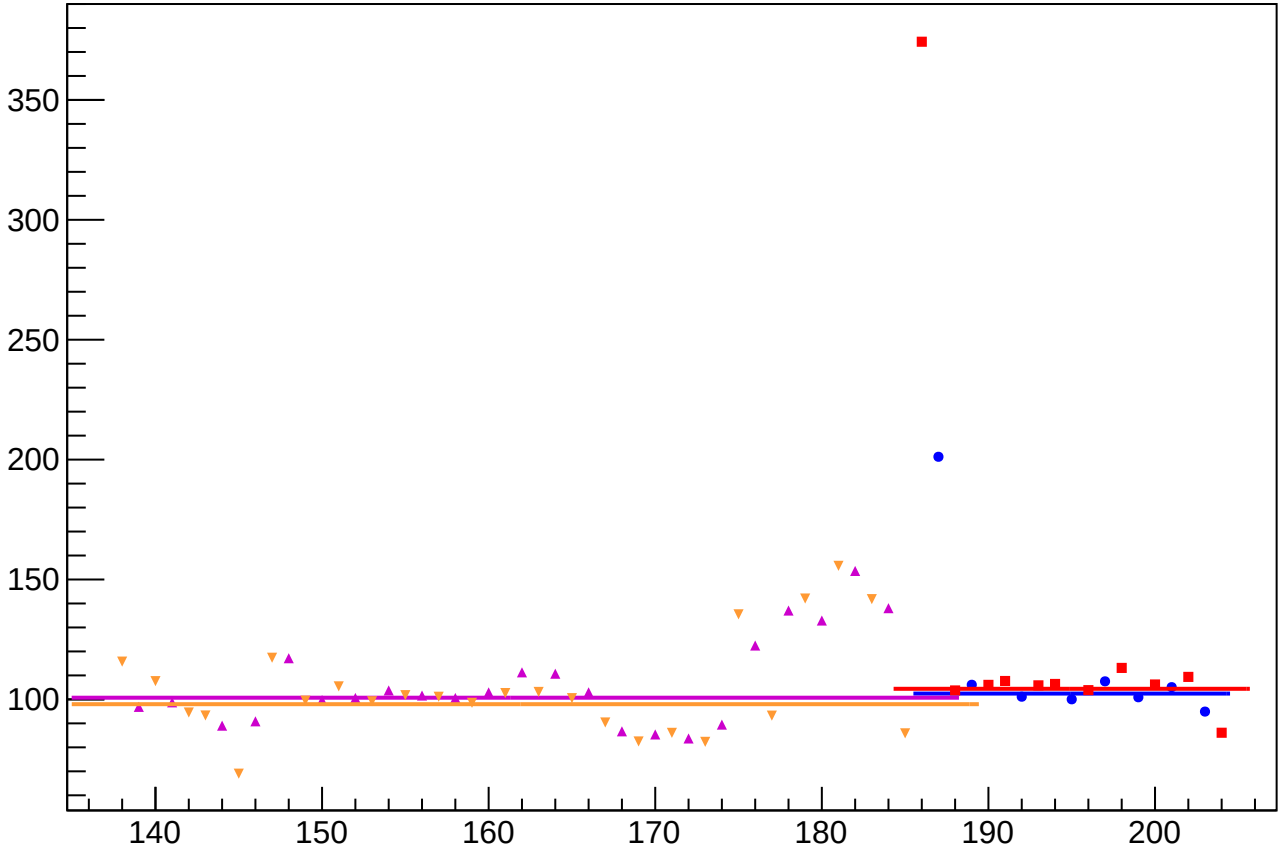
Right: 46.676+/-29.647 χ^2/NDF: 14.8/18

In: 9.552+/-21.530 χ^2/NDF:30.0/30

Out: -6.475+/-20.047 χ^2/NDF:46.5/35

All: 0.967+/-14.672 χ^2/NDF: 76.8/66

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 102.429+/-0.032 χ^2/NDF: 88033.0/7

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 104.418+/-0.028 χ^2/NDF: 465320.5/10

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

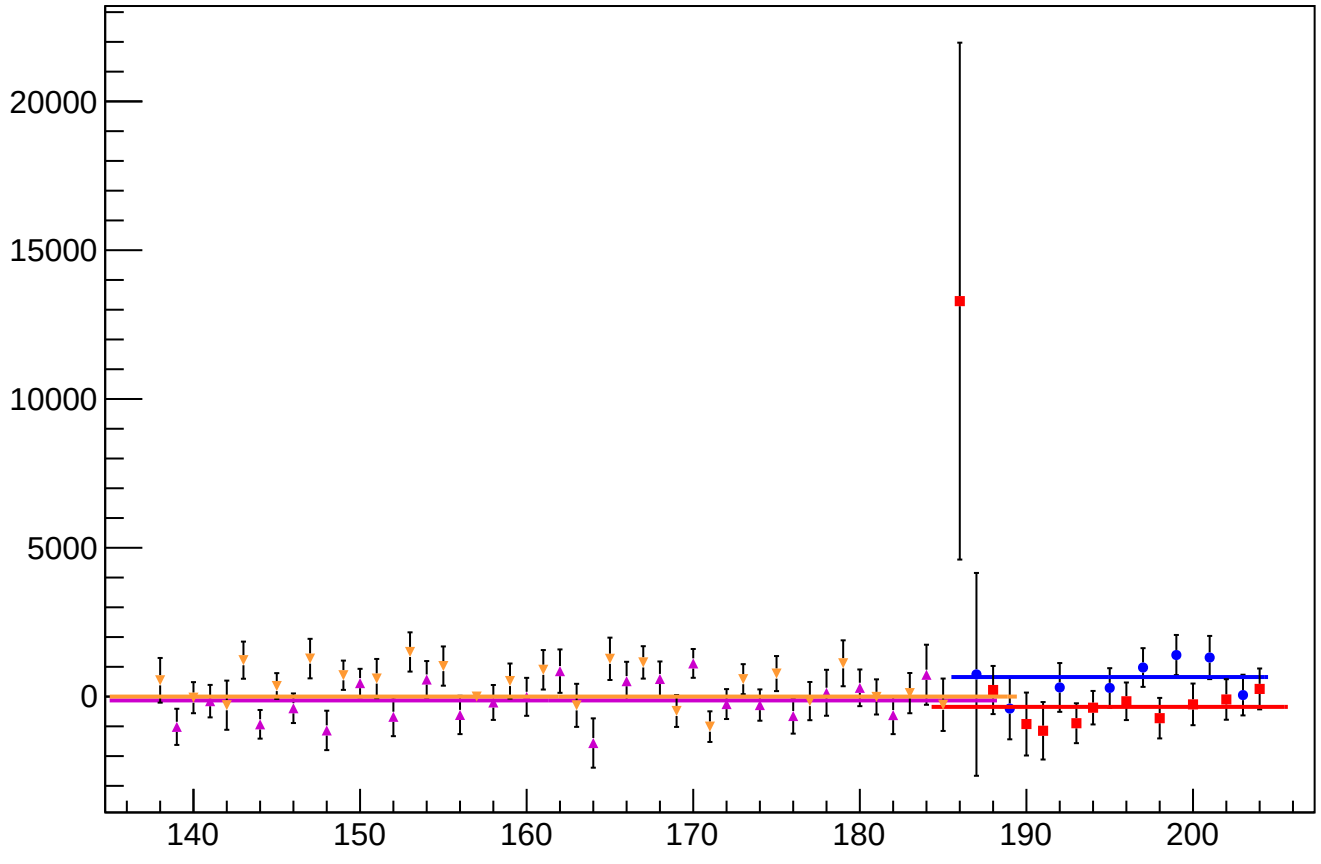
Right: 103.580+/-0.021 χ^2/NDF: 555549.2/18

In: 101.087+/-0.015 χ^2/NDF:850174.9/30

Out: 99.699+/-0.014 χ^2/NDF:1660219.6/35

All: 100.344+/-0.010 χ^2/NDF: 2514843.8/66

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 656.360+/-273.328 χ^2/NDF: 4.6/7

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -346.246+/-224.300 χ^2/NDF: 5.9/10

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

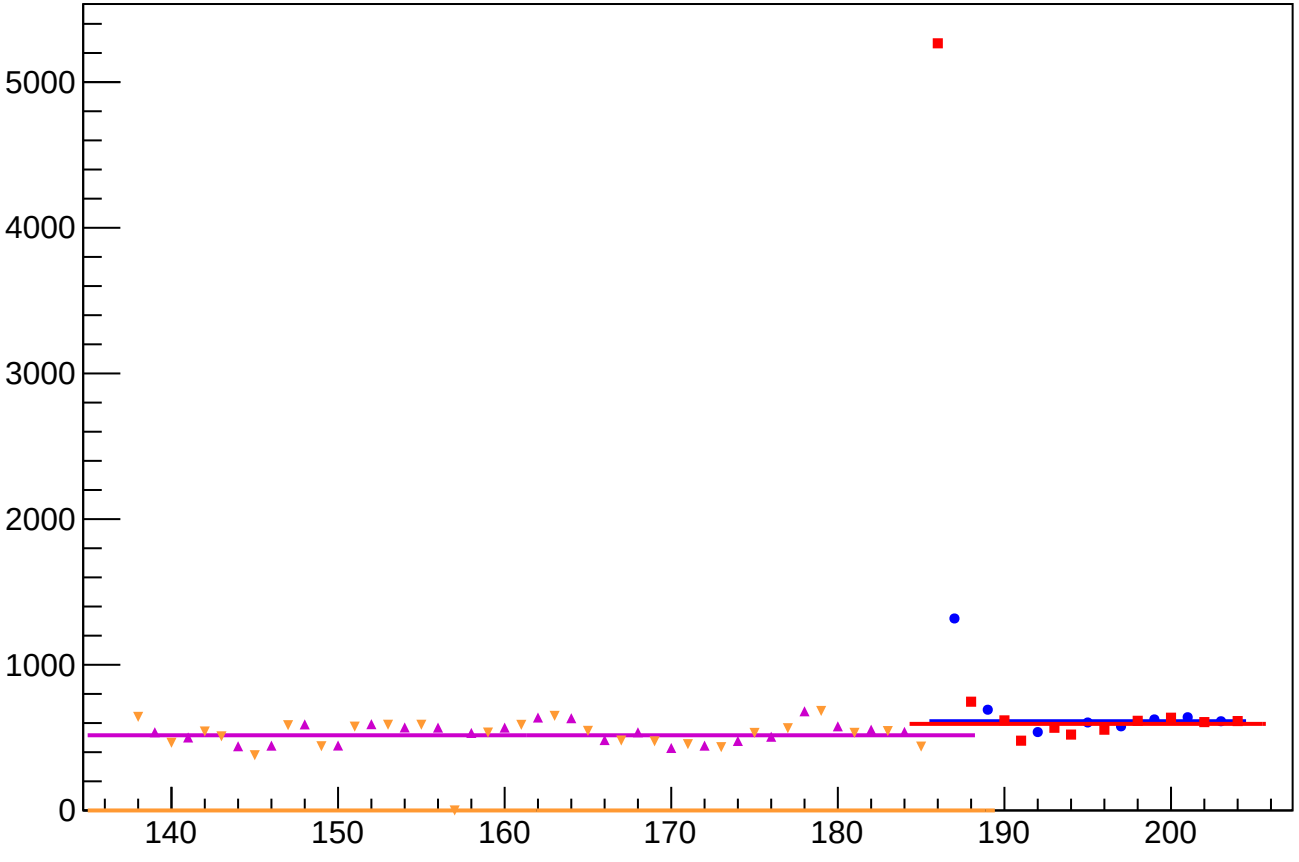
Right: 57.226+/-173.391 χ^2/NDF: 18.6/18

In: 5.413+/-113.109 χ^2/NDF:39.8/30

Out: -0.000+/-0.000 χ^2/NDF:48.2/35

All: -0.000+/-0.000 χ^2/NDF: 87.9/66

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 612.592+/-0.193 χ^2/NDF: 123534.3/7

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 594.358+/-0.159 χ^2/NDF: 735931.3/10

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

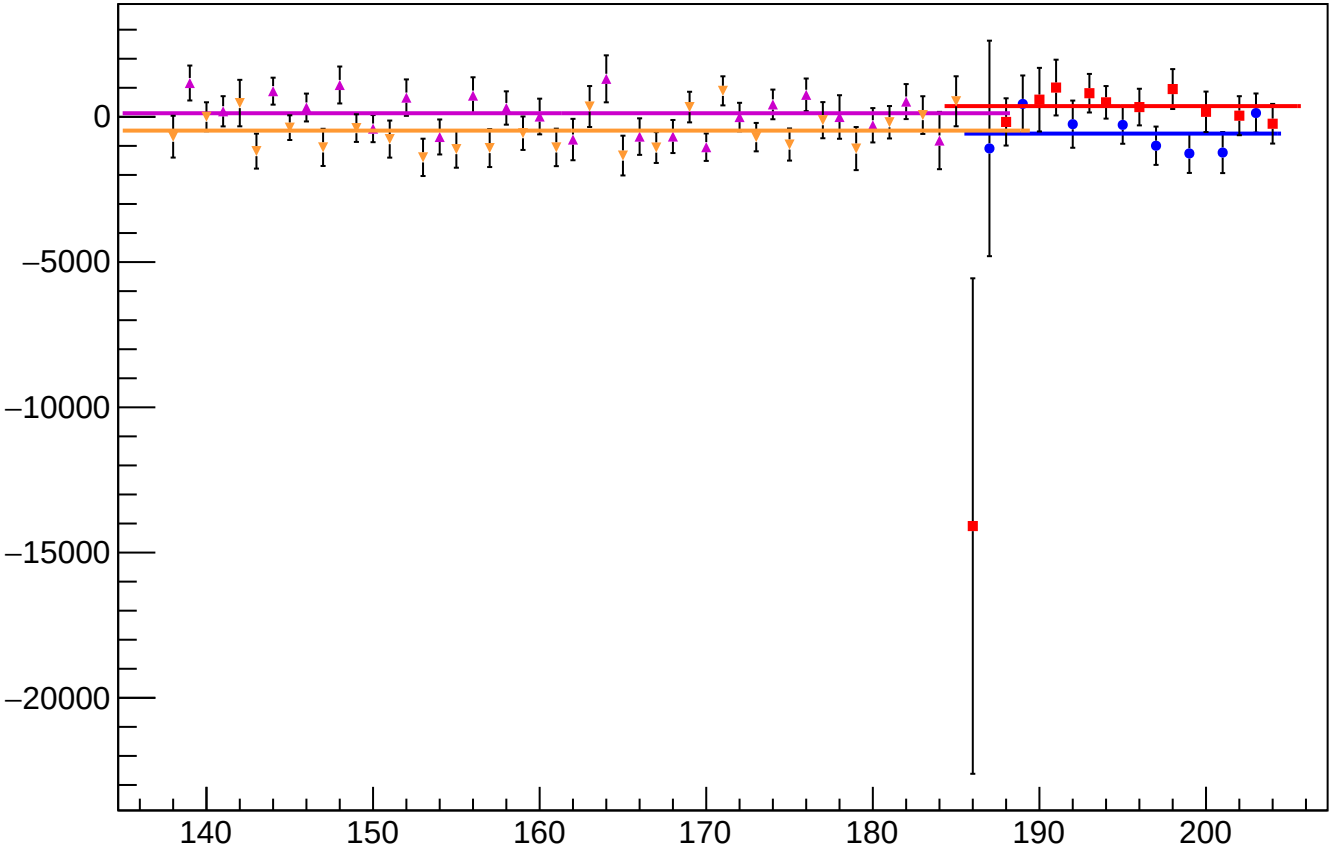
Right: 601.696+/-0.123 χ^2/NDF: 864784.3/18

In: 532.641+/-0.080 χ^2/NDF:901763.3/30

Out: 0.000+/-0.000 χ^2/NDF:49753277.6/35

All: 0.000+/-0.000 χ^2/NDF: 95006122.1/66

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -576.874+/-269.871 χ^2/NDF: 4.9/7

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 369.203+/-223.825 χ^2/NDF: 6.2/10

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

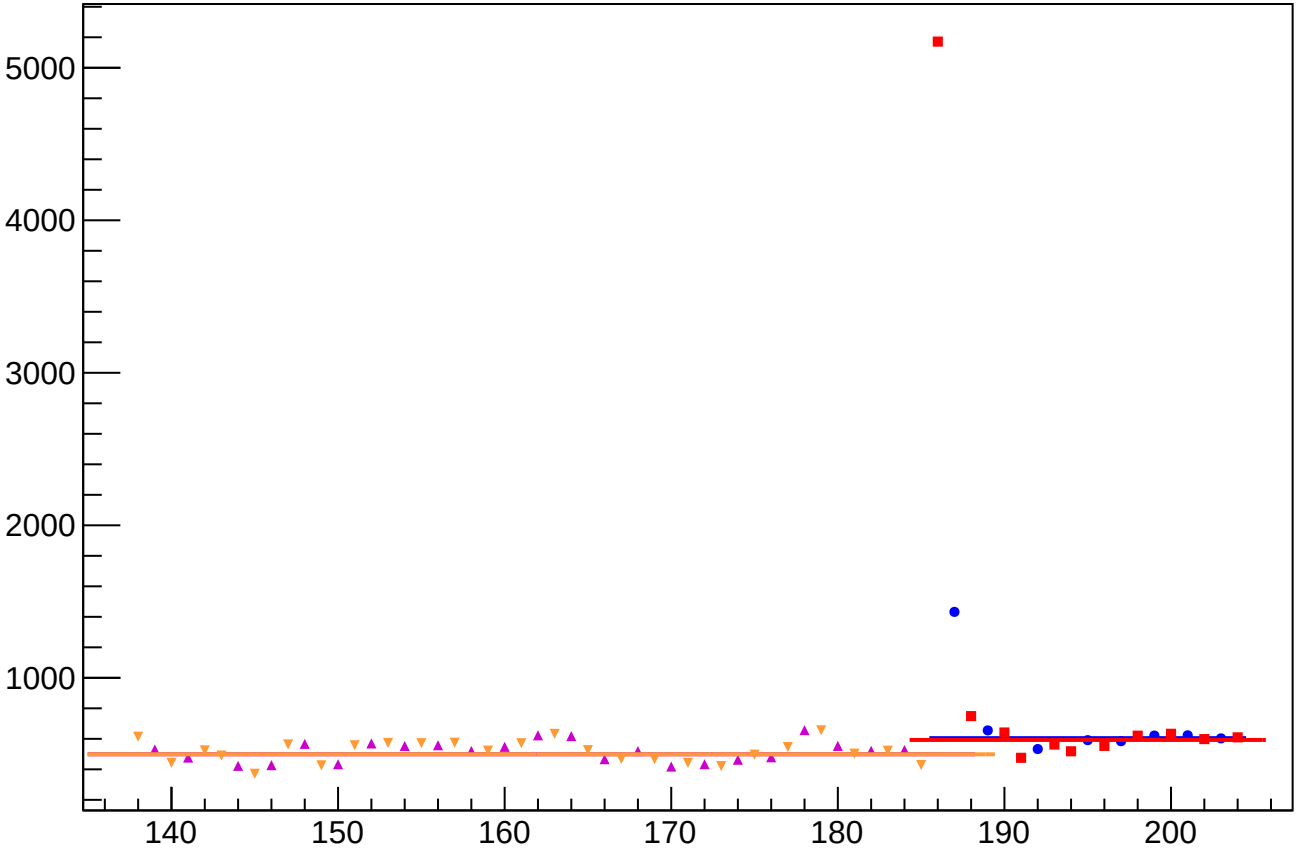
Right: -16.357+/-172.282 χ^2/NDF: 18.3/18

In: 7.970+/-109.813 χ^2/NDF:40.7/30

Out: -290.567+/-104.367 χ^2/NDF:45.2/35

All: -148.885+/-75.651 χ^2/NDF: 89.8/66

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 604.474+/-0.191 χ^2/NDF: 125785.4/7

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 592.839+/-0.158 χ^2/NDF: 742556.2/10

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

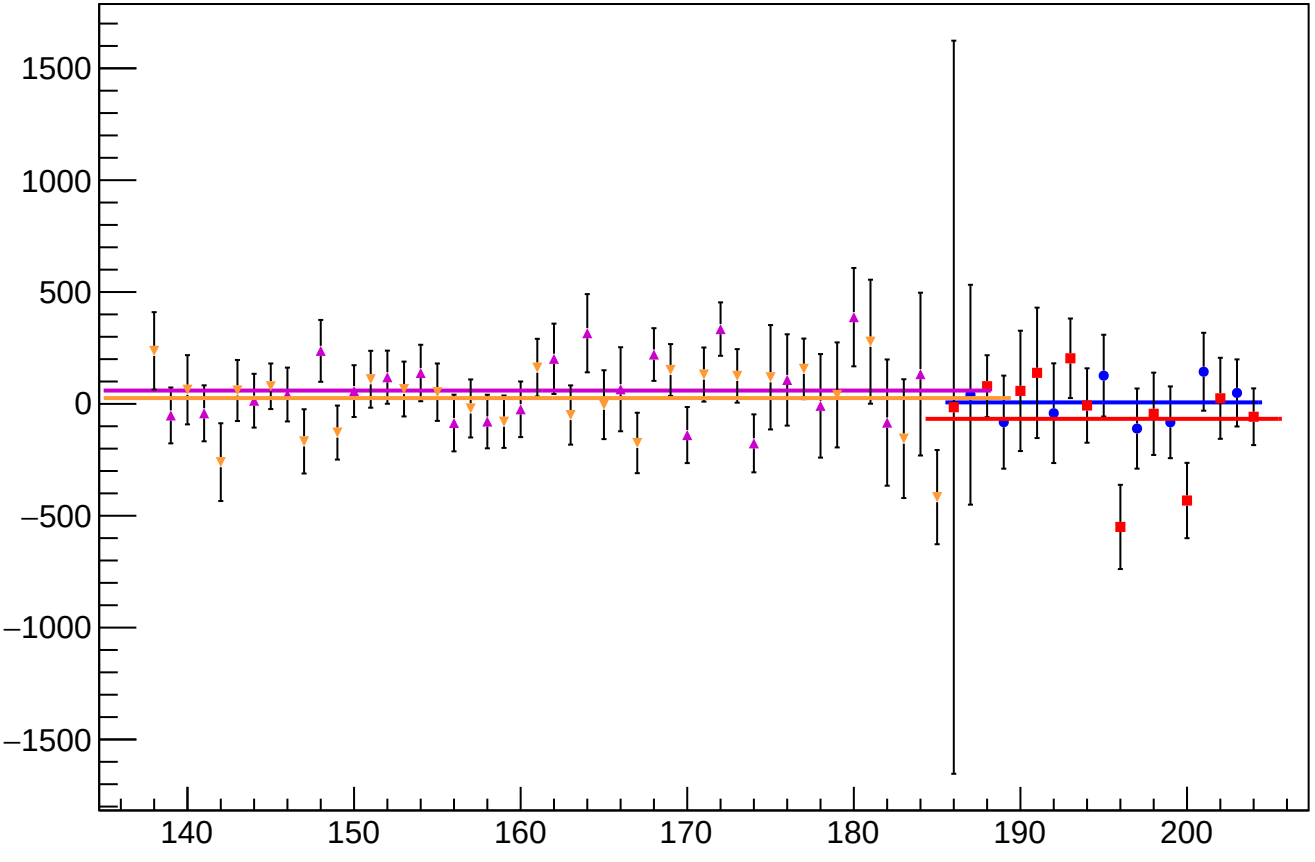
Right: 597.580+/-0.122 χ^2/NDF: 870544.0/18

In: 516.326+/-0.078 χ^2/NDF:953831.0/30

Out: 519.139+/-0.074 χ^2/NDF:1754300.6/35

All: 517.804+/-0.053 χ^2/NDF: 2708820.8/66

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 6.697+/-66.701 χ^2/NDF: 2.1/7

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: -66.780+/-54.917 χ^2/NDF: 15.8/10

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

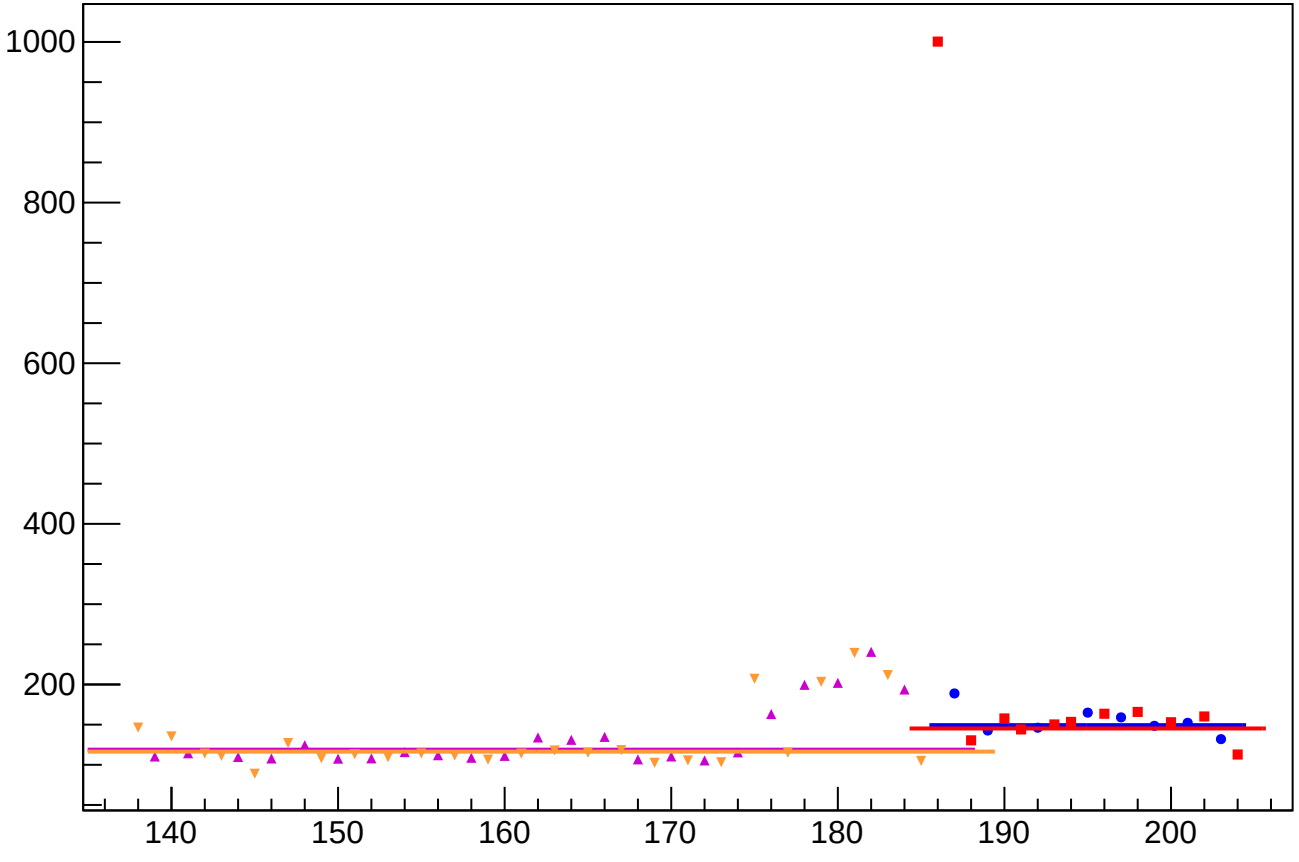
Right: -37.095+/-42.396 χ^2/NDF: 18.7/18

In: 51.103+/-26.737 χ^2/NDF:28.3/30

Out: 6.679+/-25.030 χ^2/NDF:40.8/35

All: 27.428+/-18.272 χ^2/NDF: 70.5/66

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 149.378+/-0.047 χ^2/NDF: 63374.7/7

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 145.239+/-0.039 χ^2/NDF: 771075.9/10

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

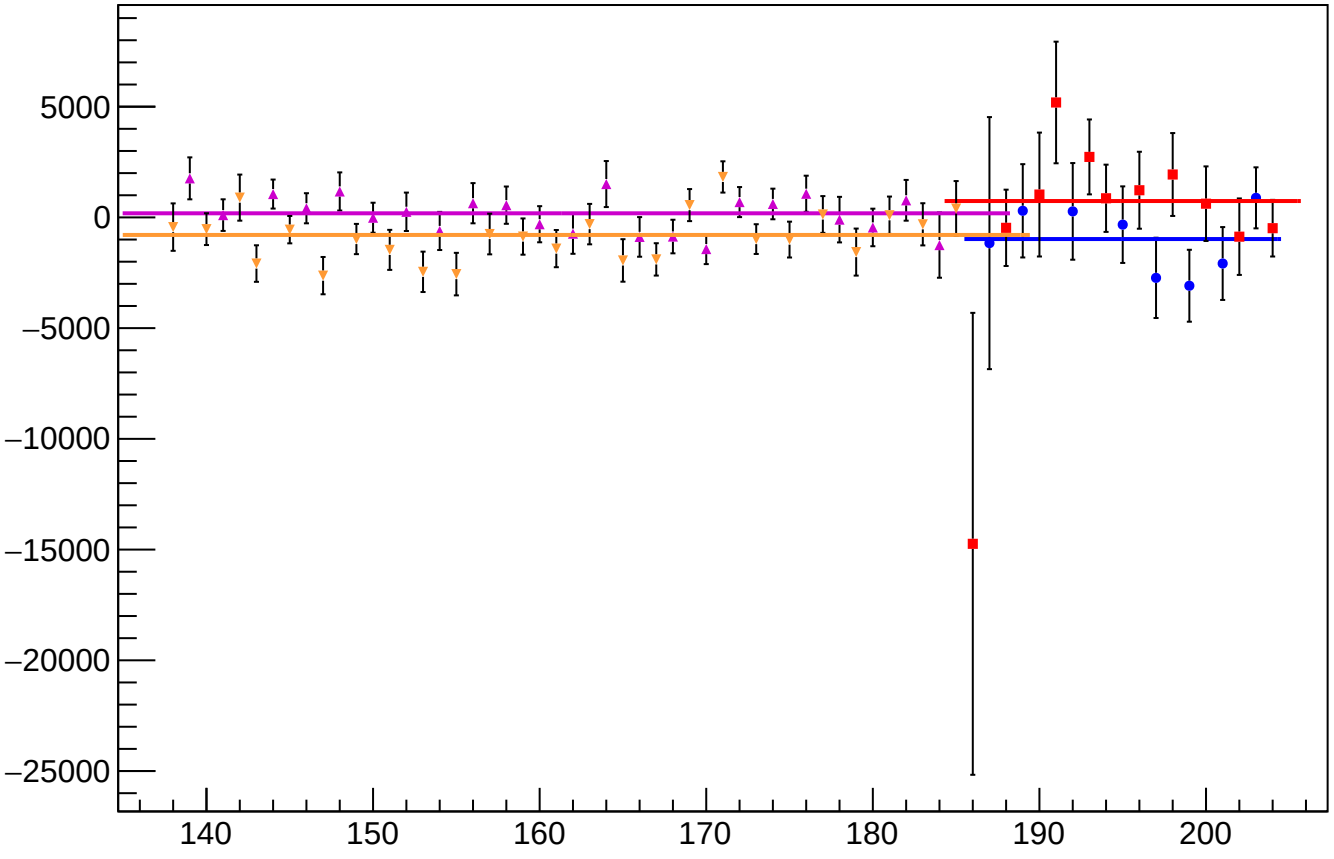
Right: 146.911+/-0.030 χ^2/NDF: 839040.2/18

In: 123.731+/-0.019 χ^2/NDF:1704827.4/30

Out: 122.412+/-0.018 χ^2/NDF:2796873.6/35

All: 123.028+/-0.013 χ^2/NDF: 4504295.3/66

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -977.244+/-648.114 χ^2/NDF: 5.7/7

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 739.213+/-550.007 χ^2/NDF: 9.0/10

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

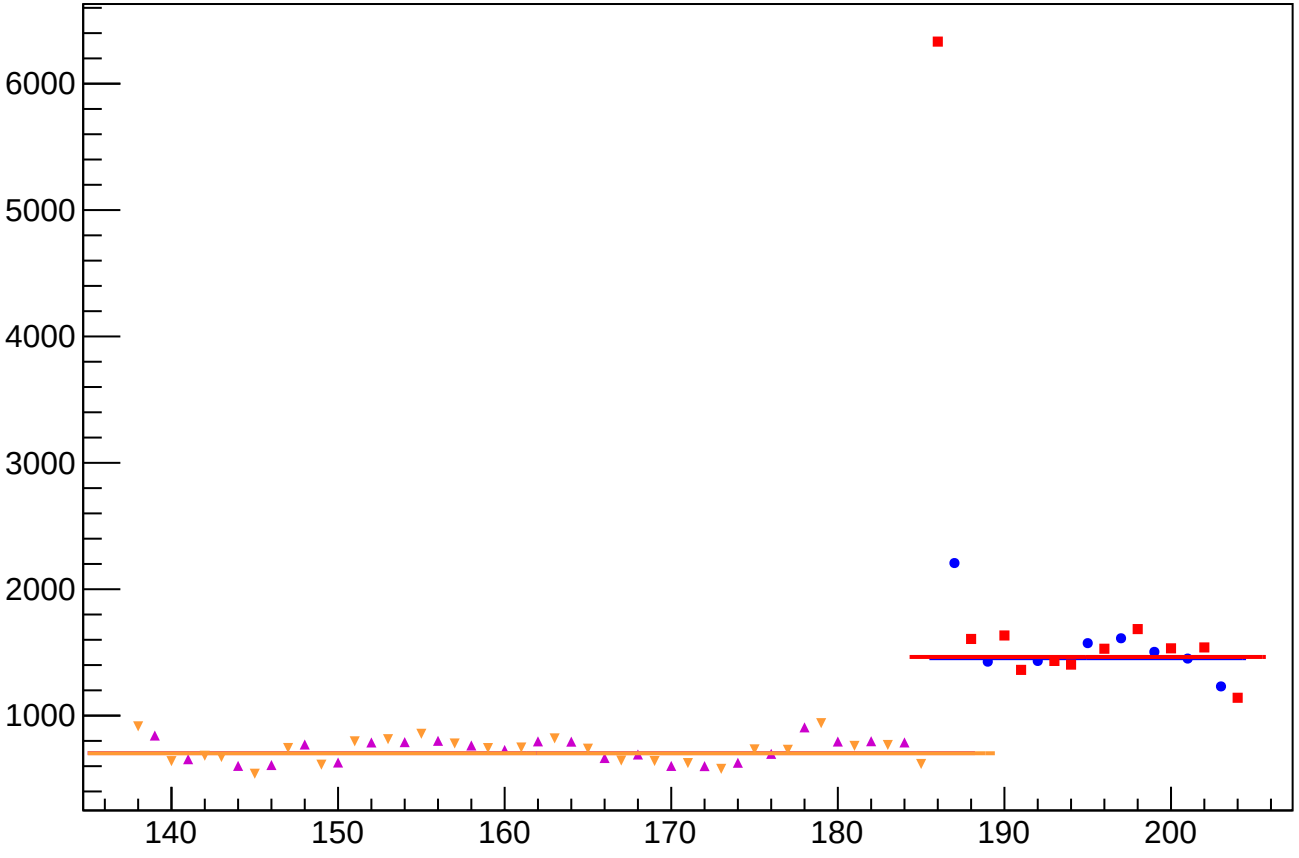
Right: 20.600+/-419.356 χ^2/NDF: 18.8/18

In: 111.041+/-163.690 χ^2/NDF:32.2/30

Out: -664.171+/-158.894 χ^2/NDF:59.7/35

All: -288.087+/-114.013 χ^2/NDF: 103.4/66

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1454.601+/-0.458 χ^2/NDF: 114588.4/7

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1464.168+/-0.389 χ^2/NDF: 628696.1/10

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

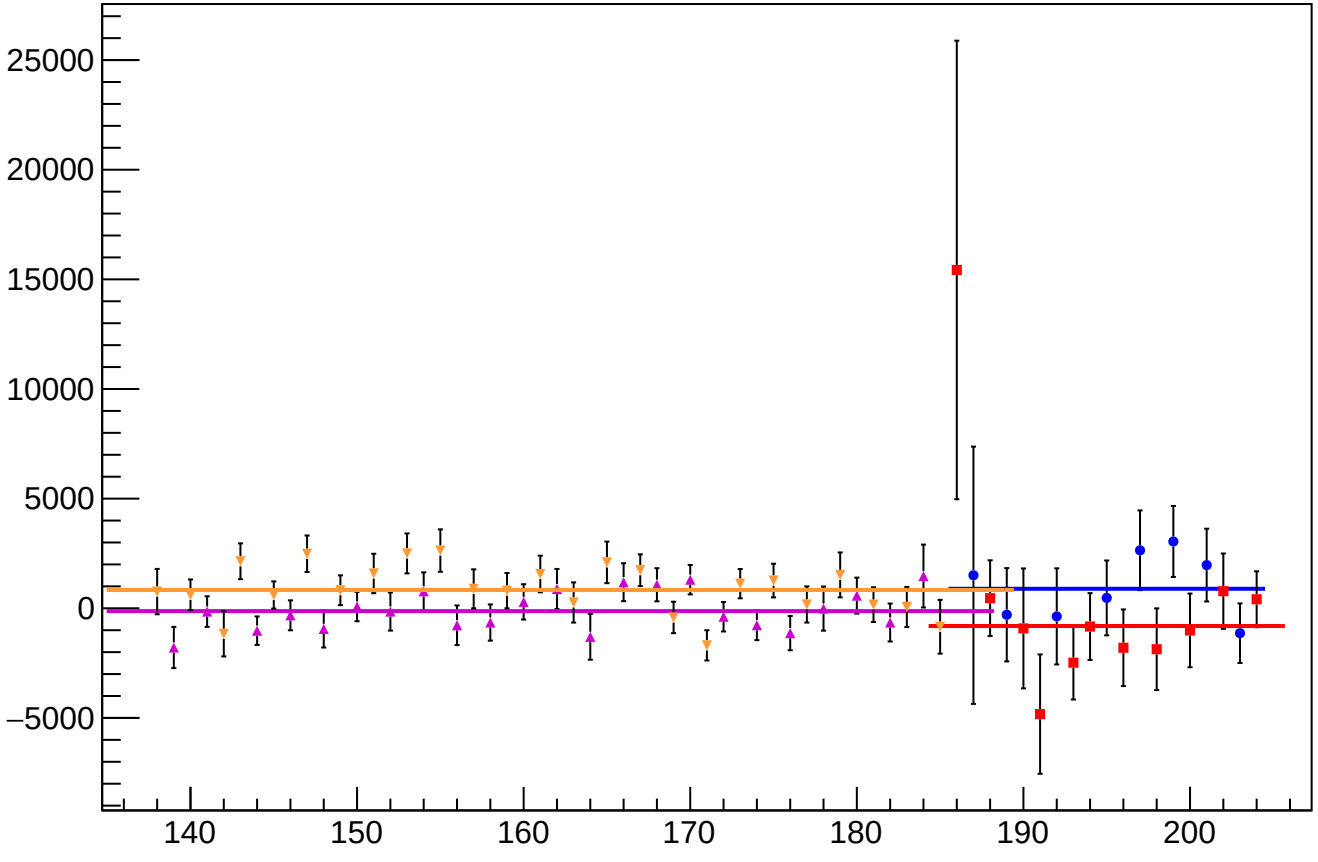
Right: 1460.163+/-0.297 χ^2/NDF: 743537.8/18

In: 751.608+/-0.116 χ^2/NDF:3161524.1/30

Out: 765.750+/-0.112 χ^2/NDF:4838871.1/35

All: 758.889+/-0.081 χ^2/NDF: 8008081.3/66

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 889.162+/-646.741 χ^2/NDF: 6.1/7

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -807.962+/-548.628 χ^2/NDF: 8.6/10

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

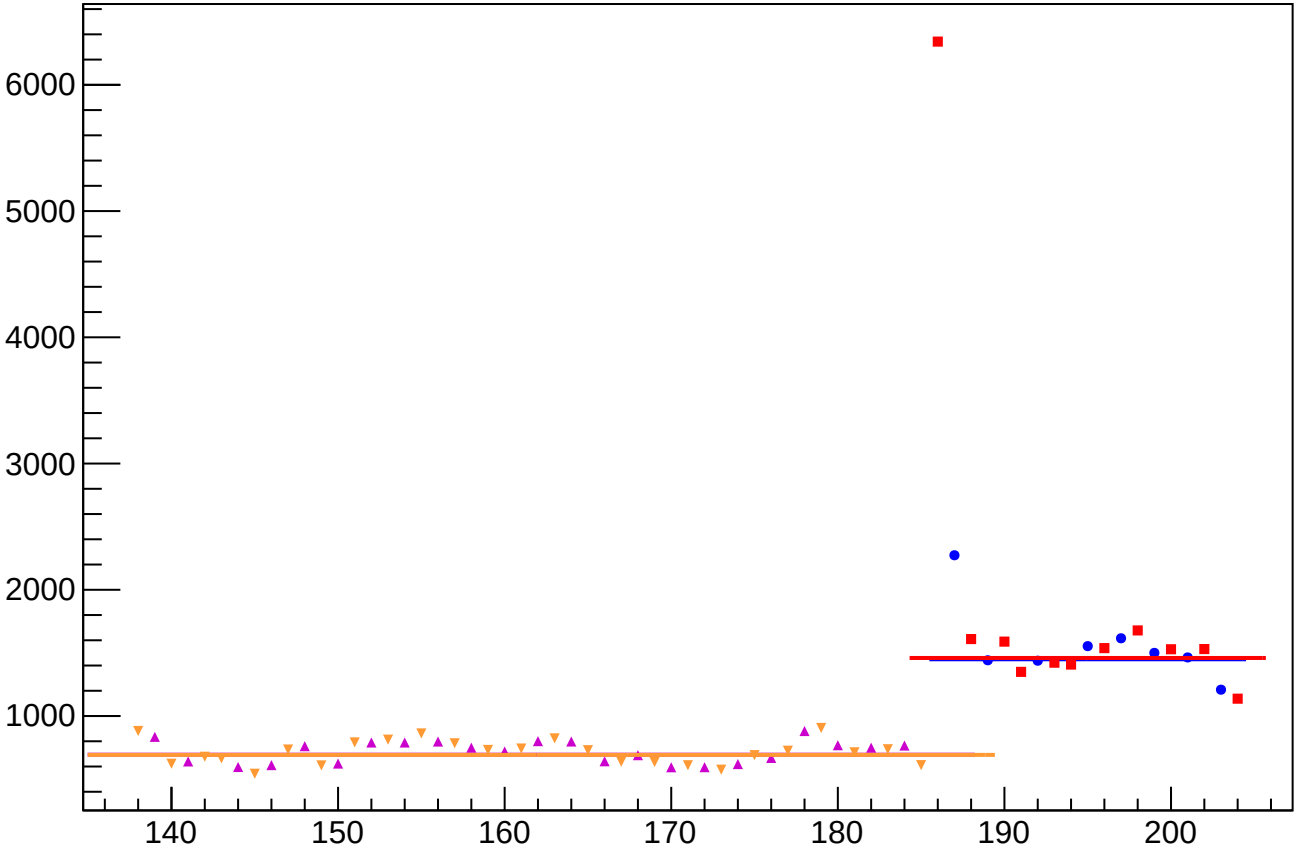
Right: -97.764+/-418.373 χ^2/NDF: 18.6/18

In: -64.627+/-161.574 χ^2/NDF:33.7/30

Out: 698.846+/-156.627 χ^2/NDF:60.6/35

All: 328.978+/-112.460 χ^2/NDF: 105.8/66

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 1449.512+/-0.457 χ^2/NDF: 128738.9/7

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1459.848+/-0.388 χ^2/NDF: 628368.7/10

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

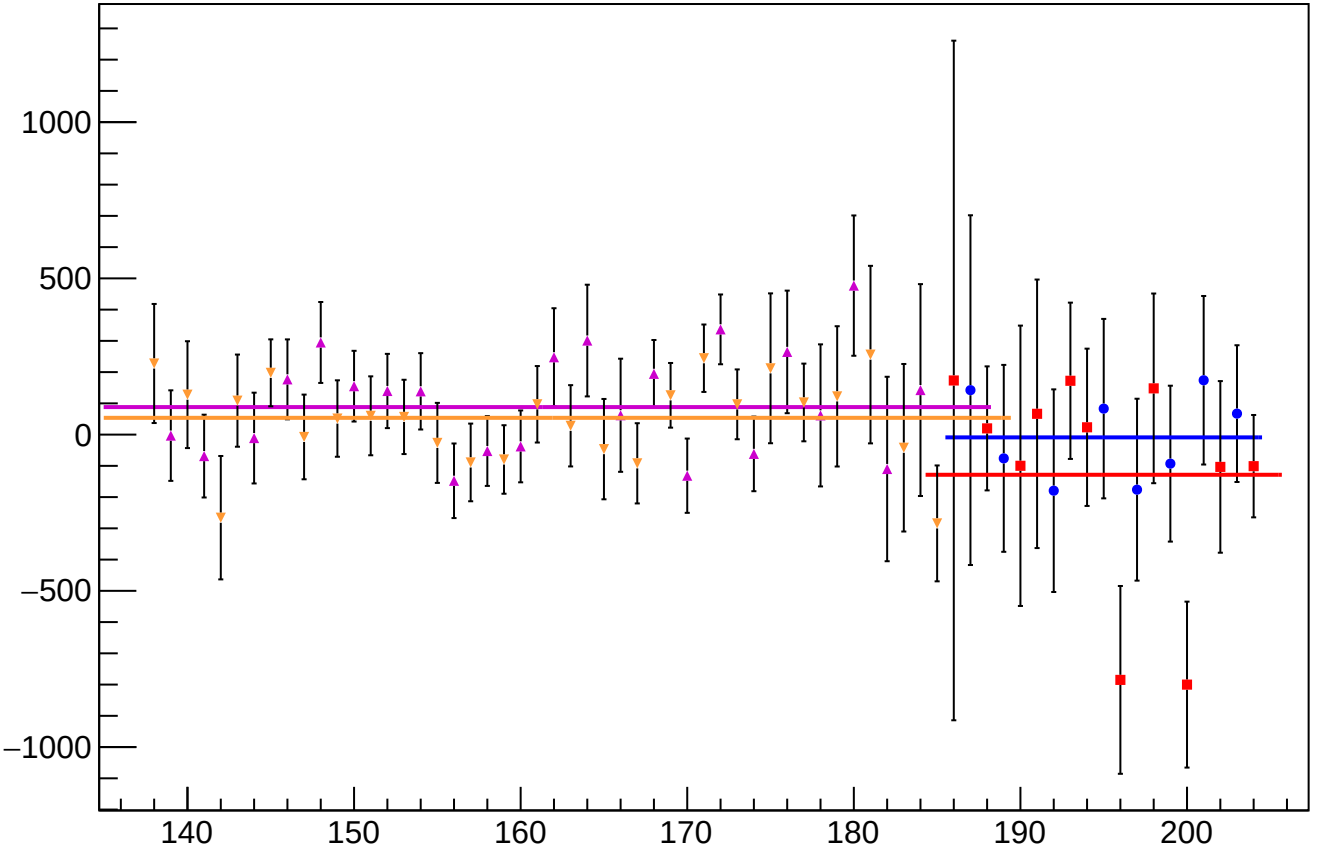
Right: 1455.523+/-0.296 χ^2/NDF: 757404.6/18

In: 740.794+/-0.114 χ^2/NDF:3210993.4/30

Out: 754.647+/-0.111 χ^2/NDF:4883685.1/35

All: 747.936+/-0.080 χ^2/NDF: 8102257.8/66

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -8.865+/-100.752 χ^2/NDF: 1.5/7

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: -128.527+/-80.315 χ^2/NDF: 14.7/10

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

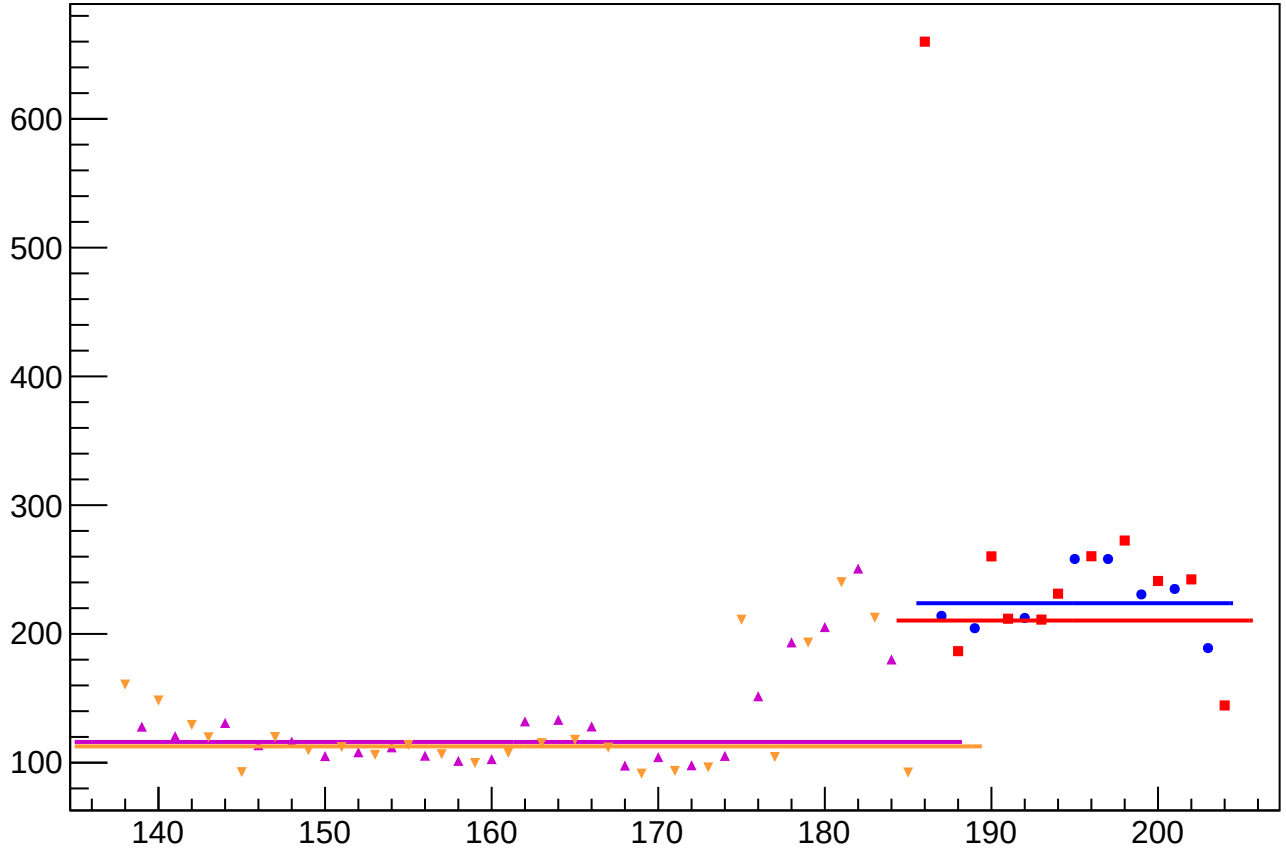
Right: -82.033+/-62.803 χ^2/NDF: 17.1/18

In: 80.778+/-27.659 χ^2/NDF:32.8/30

Out: 34.626+/-25.985 χ^2/NDF:38.5/35

All: 56.264+/-18.938 χ^2/NDF: 72.8/66

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 223.840+/-0.071 χ^2/NDF: 123535.5/7

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 210.407+/-0.057 χ^2/NDF: 926058.1/10

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

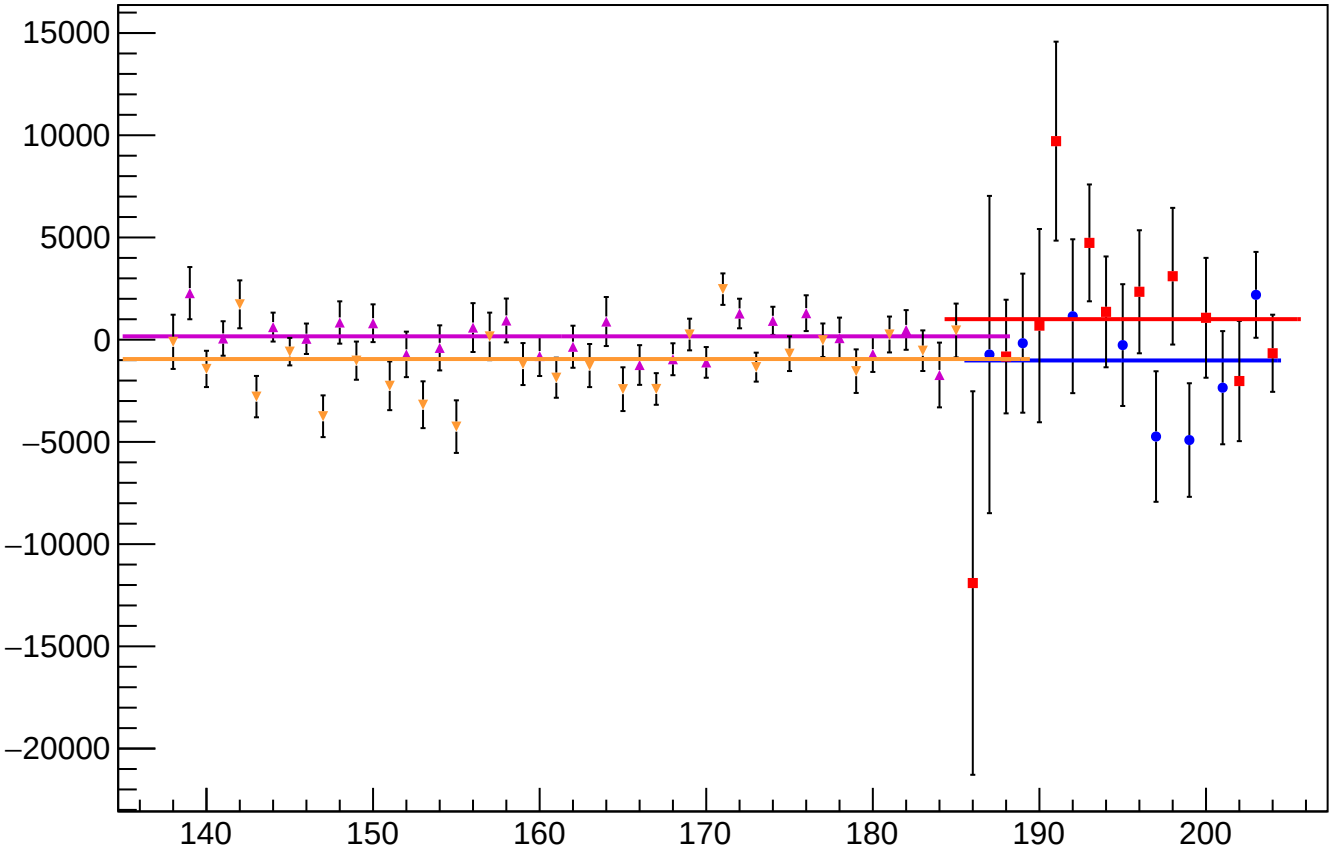
Right: 215.627+/-0.044 χ^2/NDF: 1071331.5/18

In: 124.227+/-0.020 χ^2/NDF:3676806.0/30

Out: 122.899+/-0.018 χ^2/NDF:5429395.9/35

All: 123.521+/-0.013 χ^2/NDF: 9108649.3/66

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -1015.820+/-1071.276 χ^2/NDF: 6.3/7

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 1004.438+/-913.200 χ^2/NDF: 9.7/10

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

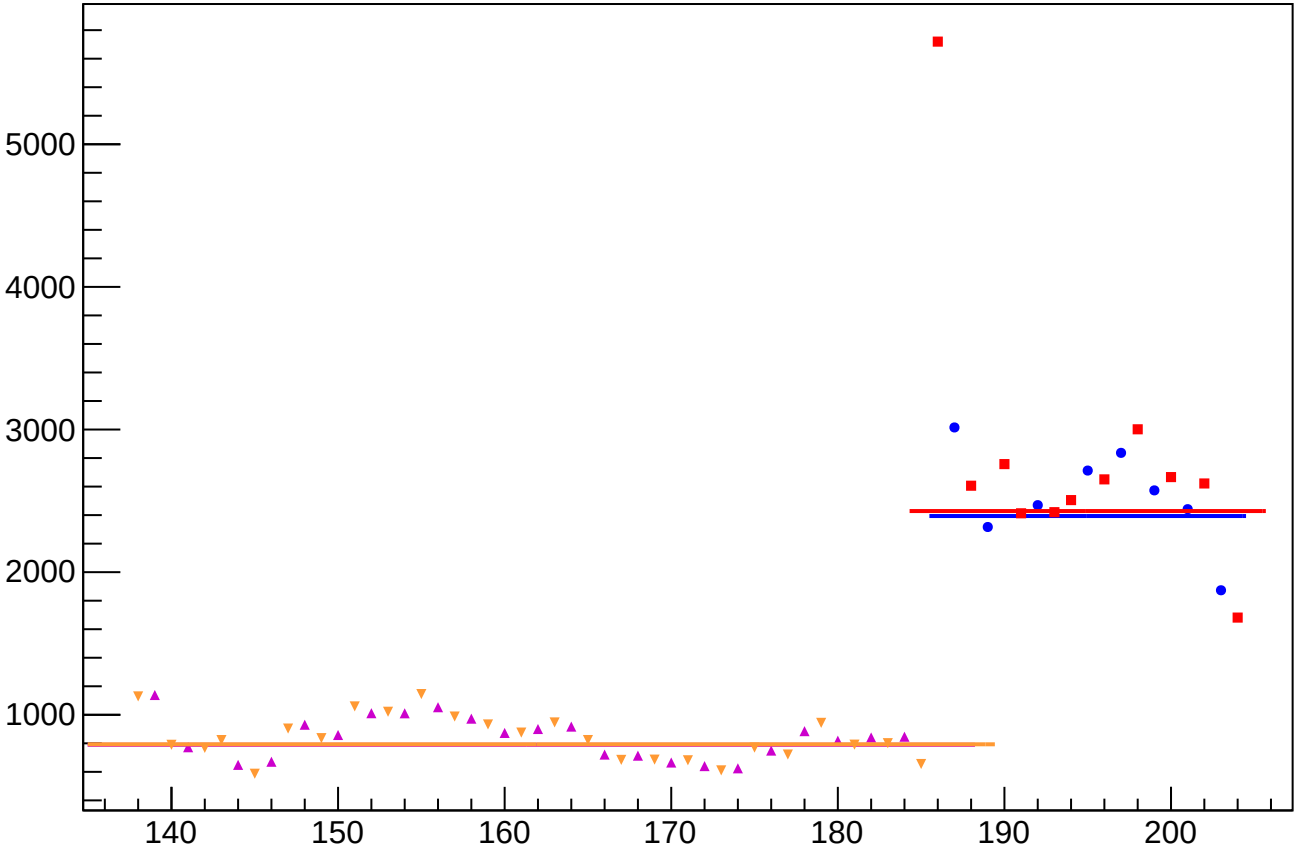
Right: 154.221+/-694.965 χ^2/NDF: 18.1/18

In: 127.798+/-188.160 χ^2/NDF:29.6/30

Out: -866.551+/-184.766 χ^2/NDF:77.4/35

All: -378.423+/-131.833 χ^2/NDF: 121.2/66

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2393.546+/-0.758 χ^2/NDF: 207888.3/7

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2428.489+/-0.646 χ^2/NDF: 670655.1/10

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

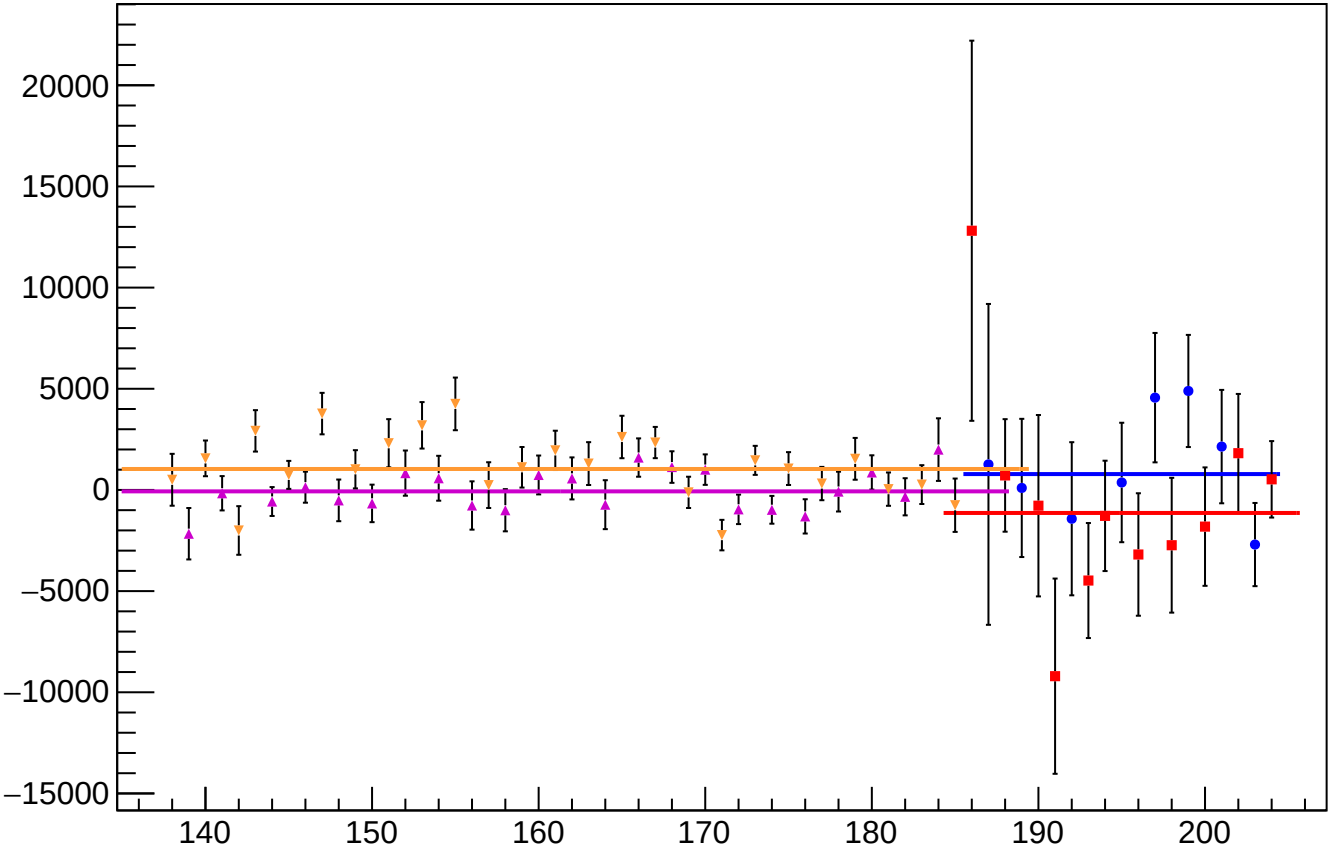
Right: 2413.783+/-0.491 χ^2/NDF: 879775.8/18

In: 839.177+/-0.133 χ^2/NDF:5572390.2/30

Out: 860.100+/-0.131 χ^2/NDF:7980699.4/35

All: 849.829+/-0.093 χ^2/NDF: 13565679.3/66

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 783.916+/-1067.085 χ^2/NDF: 7.1/7

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -1137.732+/-911.165 χ^2/NDF: 9.4/10

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

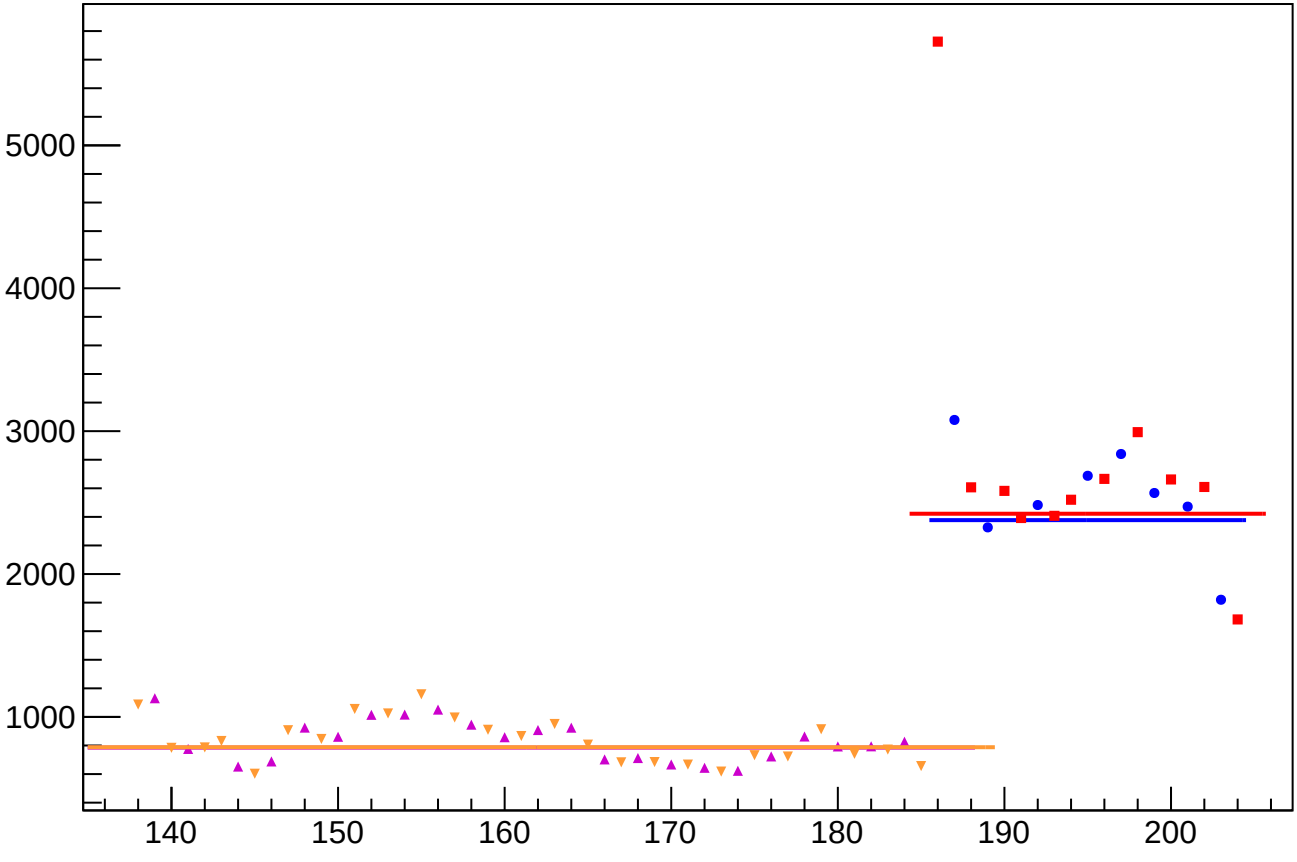
Right: -327.432+/-692.923 χ^2/NDF: 18.3/18

In: -44.543+/-187.206 χ^2/NDF:31.1/30

Out: 947.544+/-183.411 χ^2/NDF:76.2/35

All: 461.659+/-131.012 χ^2/NDF: 121.6/66

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2377.281+/-0.755 χ^2/NDF: 240267.4/7

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2422.043+/-0.644 χ^2/NDF: 661621.8/10

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

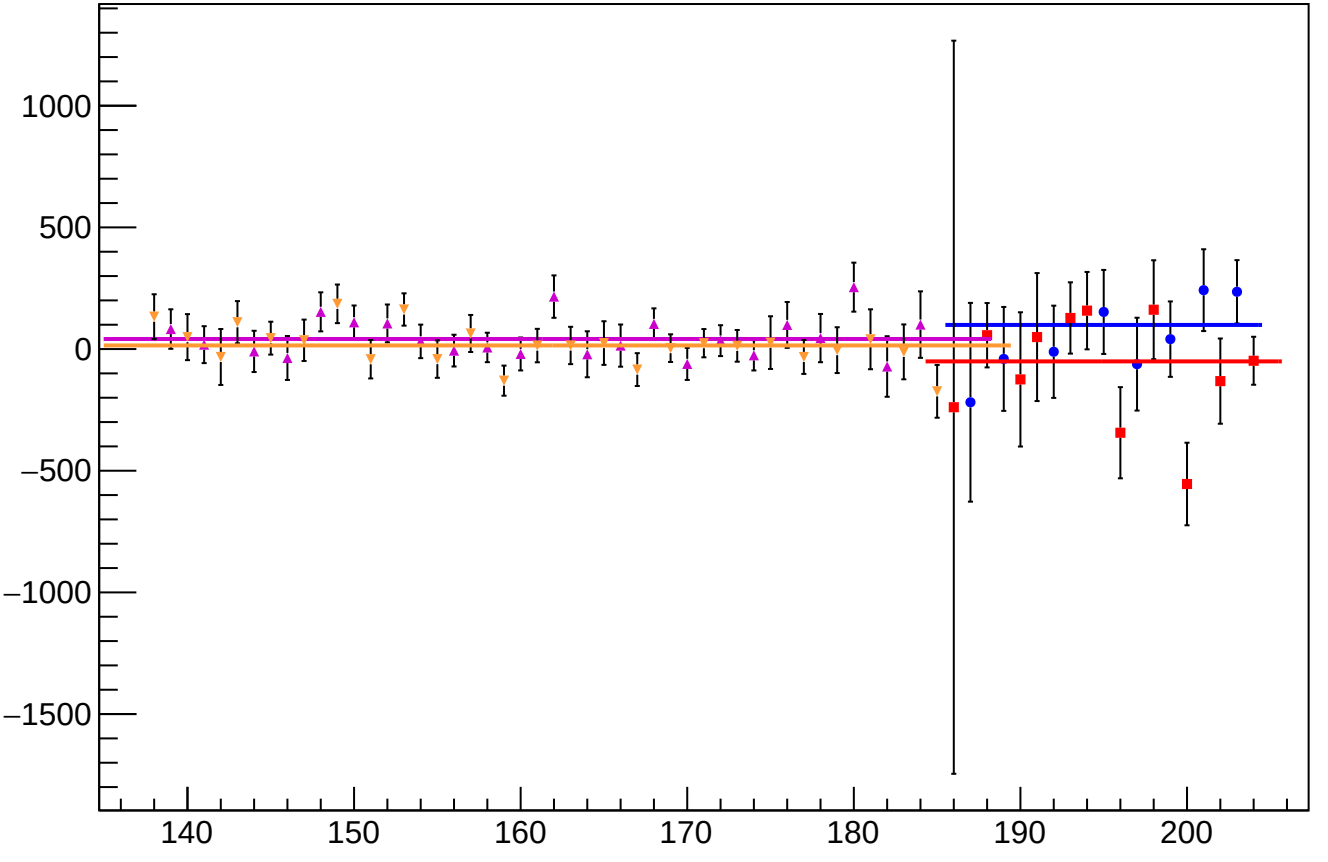
Right: 2403.169+/-0.490 χ^2/NDF: 903924.5/18

In: 834.181+/-0.132 χ^2/NDF:5532369.2/30

Out: 854.191+/-0.130 χ^2/NDF:7947379.0/35

All: 844.391+/-0.093 χ^2/NDF: 13491407.7/66

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 99.165+/-62.880 χ^2/NDF: 4.1/7

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: -50.651+/-50.360 χ^2/NDF: 16.7/10

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

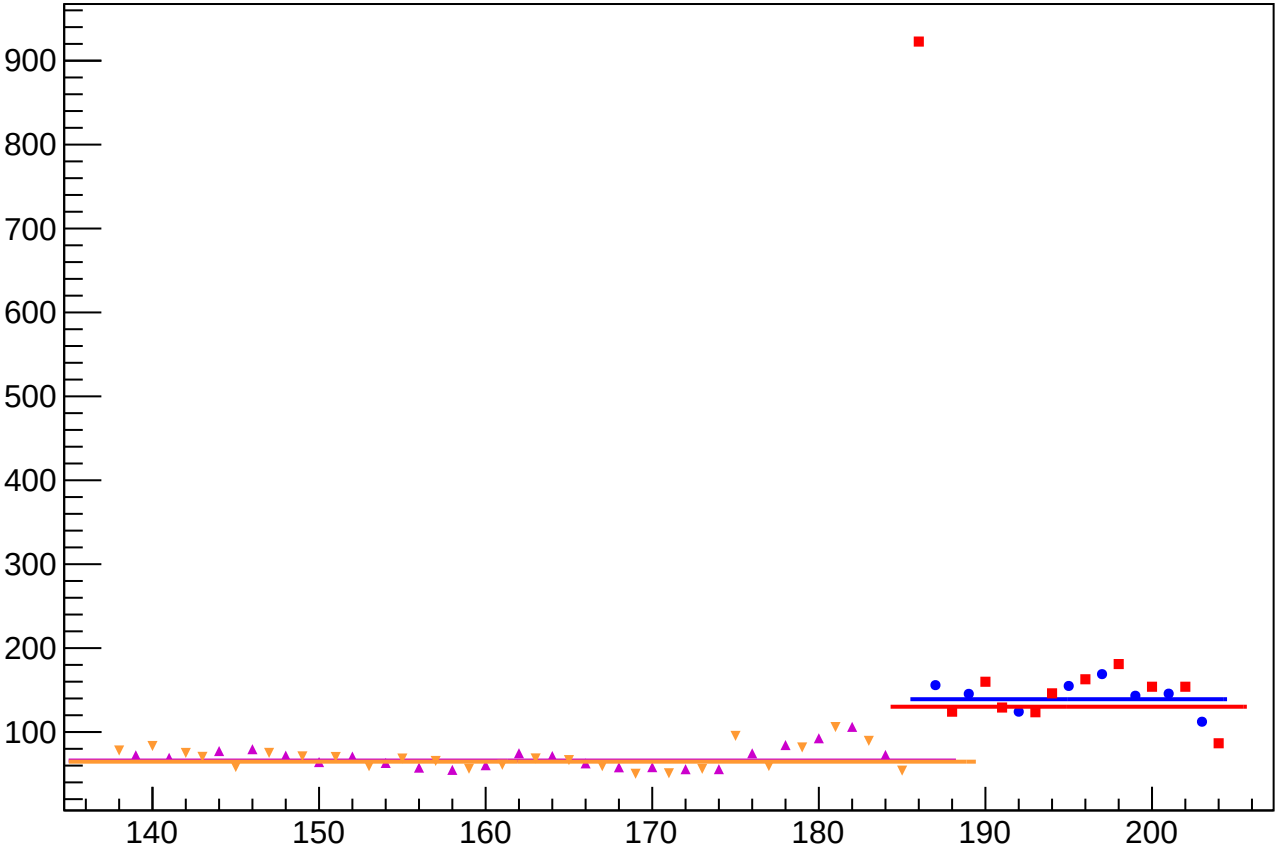
Right: 7.894+/-39.308 χ^2/NDF: 24.3/18

In: 44.993+/-15.624 χ^2/NDF:26.6/30

Out: 9.189+/-14.840 χ^2/NDF:44.1/35

All: 26.169+/-10.760 χ^2/NDF: 73.4/66

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 139.110+/-0.044 χ^2/NDF: 172957.1/7

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 130.149+/-0.036 χ^2/NDF: 1258159.7/10

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

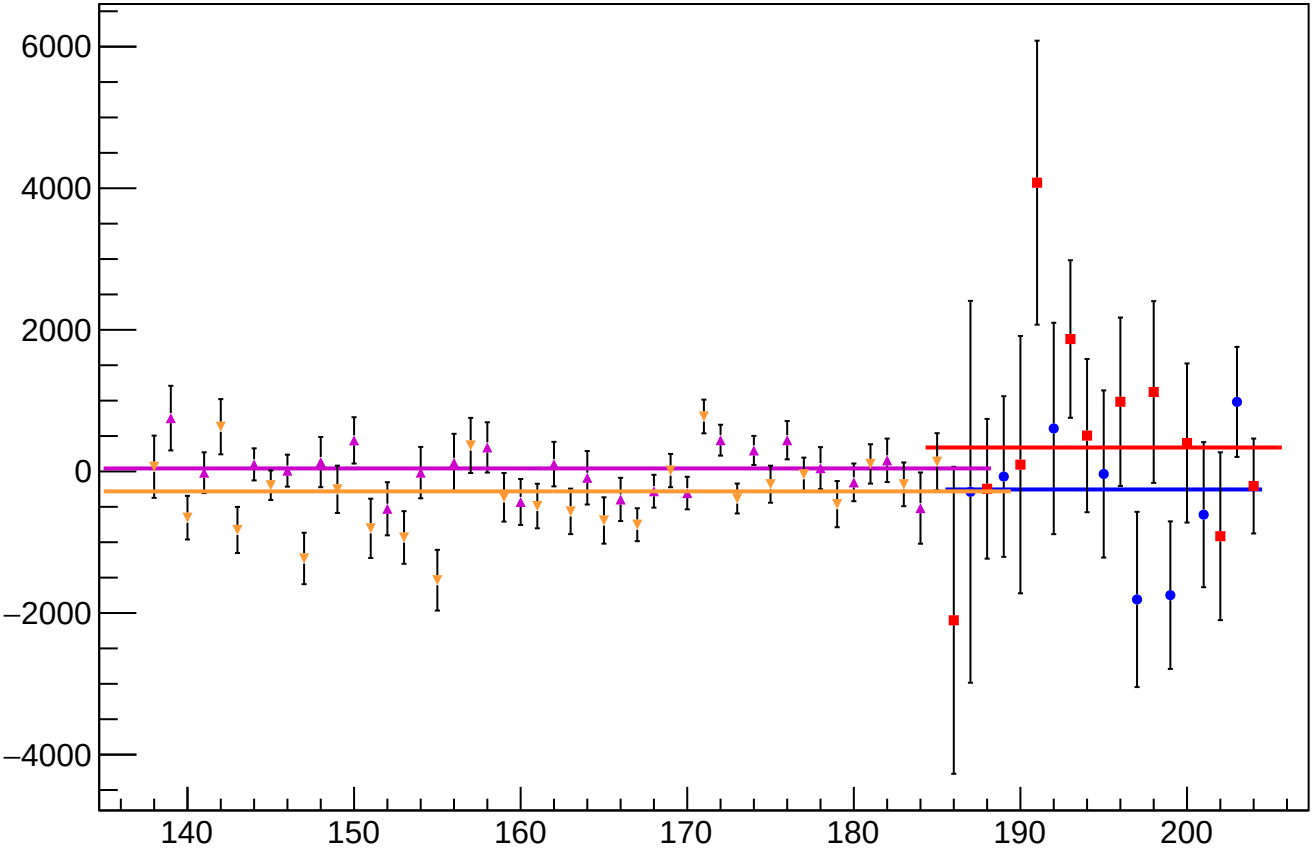
Right: 133.651+/-0.028 χ^2/NDF: 1455860.1/18

In: 70.529+/-0.011 χ^2/NDF:3577067.5/30

Out: 70.365+/-0.010 χ^2/NDF:5495169.4/35

All: 70.443+/-0.008 χ^2/NDF: 9072353.2/66

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: -254.719+/-399.623 χ^2/NDF: 6.7/7

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 338.041+/-343.091 χ^2/NDF: 9.5/10

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

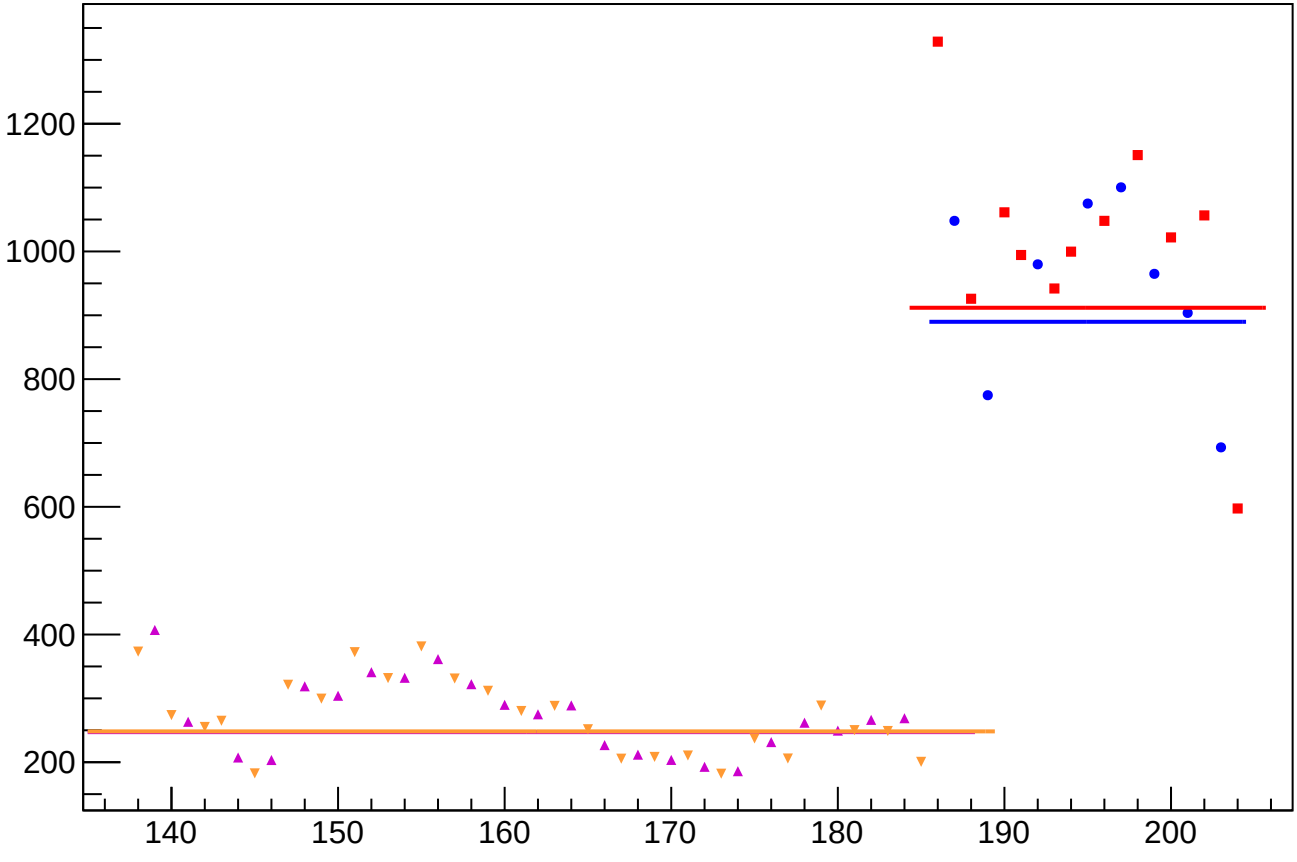
Right: 86.519+/-260.315 χ^2/NDF: 17.4/18

In: 35.758+/-59.610 χ^2/NDF:31.9/30

Out: -263.301+/-58.657 χ^2/NDF:79.1/35

All: -116.179+/-41.810 χ^2/NDF: 123.8/66

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 889.815+/-0.283 χ^2/NDF: 280645.0/7

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 911.805+/-0.243 χ^2/NDF: 690553.6/10

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

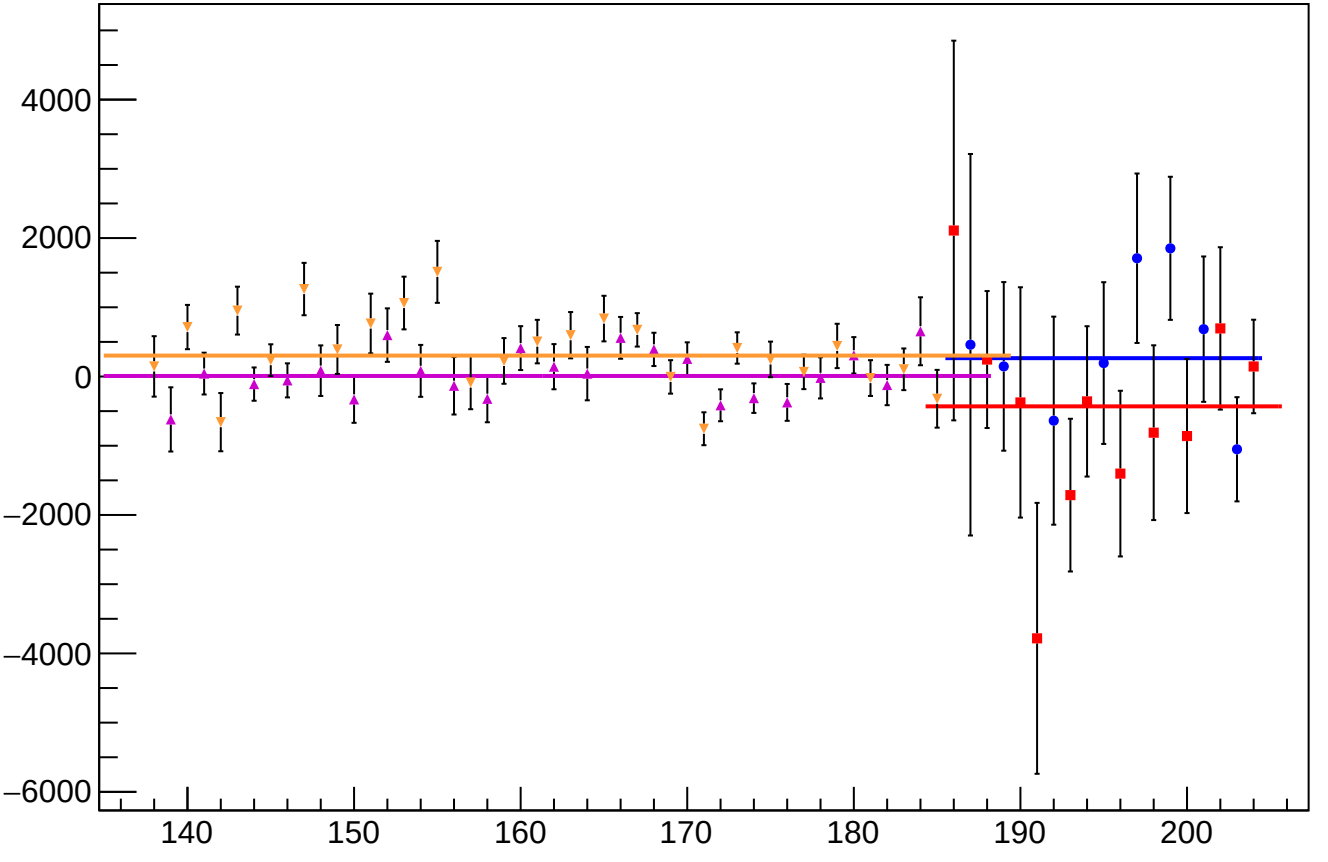
Right: 902.475+/-0.184 χ^2/NDF: 974684.9/18

In: 261.406+/-0.042 χ^2/NDF:6878062.2/30

Out: 267.691+/-0.041 χ^2/NDF:9639682.7/35

All: 264.599+/-0.030 χ^2/NDF: 16529041.3/66

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 265.047+/-399.769 χ^2/NDF: 7.3/7

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -431.213+/-343.006 χ^2/NDF: 8.2/10

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

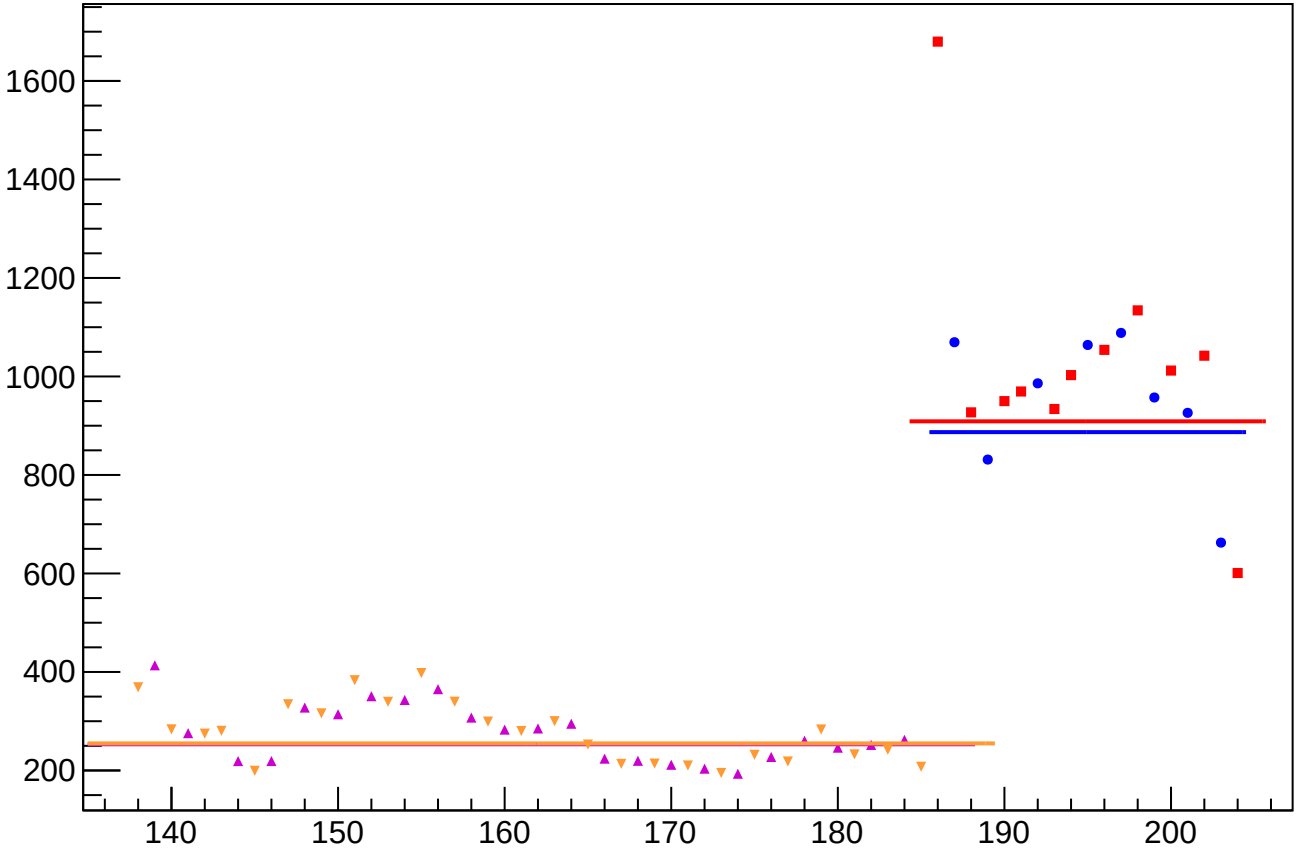
Right: -135.983+/-260.318 χ^2/NDF: 17.3/18

In: 13.902+/-61.003 χ^2/NDF:34.0/30

Out: 279.936+/-60.049 χ^2/NDF:76.4/35

All: 149.015+/-42.794 χ^2/NDF: 120.1/66

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 886.961+/-0.283 χ^2/NDF: 311418.7/7

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 908.878+/-0.243 χ^2/NDF: 729653.8/10

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

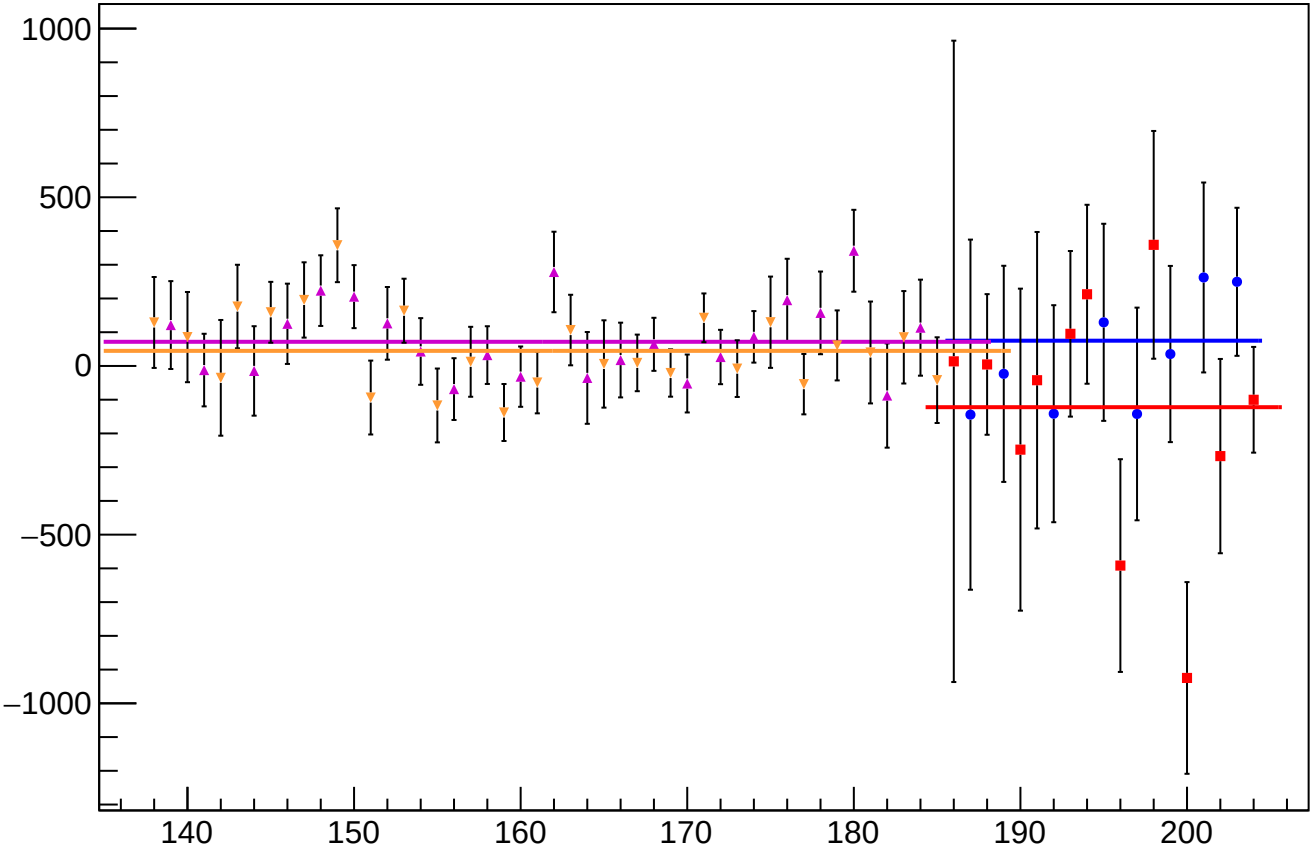
Right: 899.585+/-0.184 χ^2/NDF: 1044534.9/18

In: 267.928+/-0.043 χ^2/NDF:6587826.0/30

Out: 274.979+/-0.042 χ^2/NDF:9318034.3/35

All: 271.509+/-0.030 χ^2/NDF: 15919432.4/66

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 74.887+/-103.713 χ^2/NDF: 2.3/7

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: -122.200+/-82.055 χ^2/NDF: 15.4/10

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

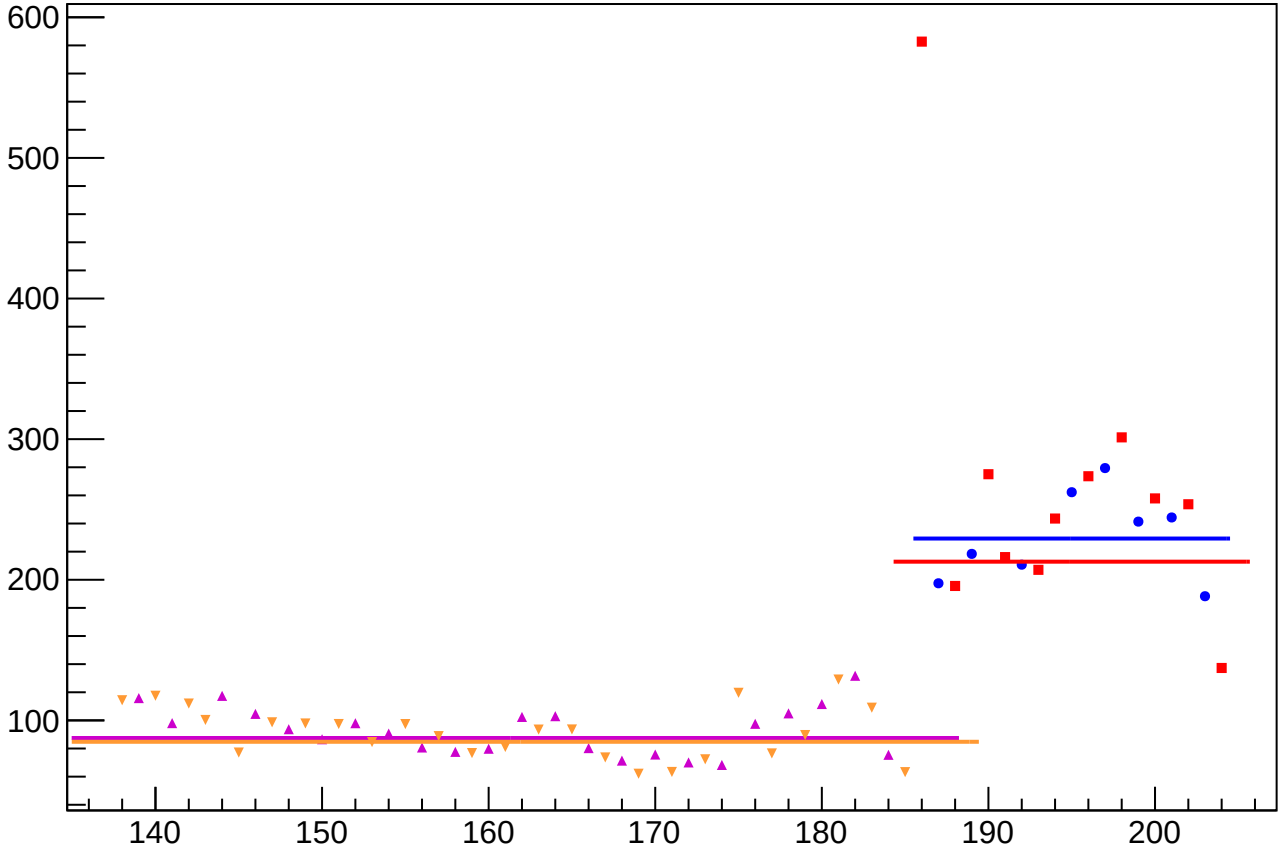
Right: -46.326+/-64.350 χ^2/NDF: 19.9/18

In: 71.754+/-21.023 χ^2/NDF:26.0/30

Out: 34.974+/-19.852 χ^2/NDF:49.8/35

All: 52.311+/-14.434 χ^2/NDF: 77.4/66

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 229.323+/-0.073 χ^2/NDF: 172316.8/7

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 212.871+/-0.058 χ^2/NDF: 1145658.5/10

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

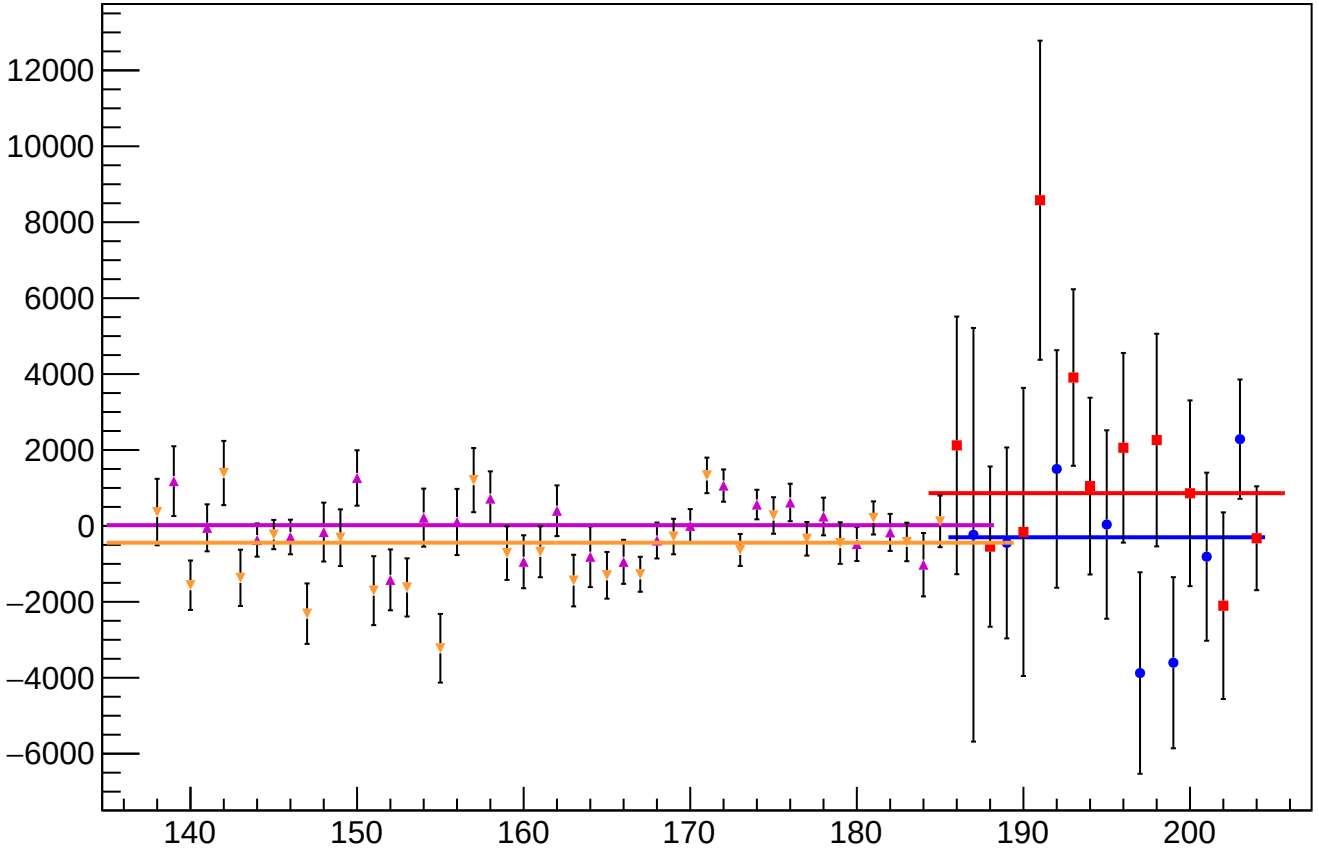
Right: 219.205+/-0.046 χ^2/NDF: 1348926.7/18

In: 93.306+/-0.015 χ^2/NDF:4816150.2/30

Out: 92.289+/-0.014 χ^2/NDF:7116099.4/35

All: 92.768+/-0.010 χ^2/NDF: 11934720.0/66

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.552+/-844.007 χ^2/NDF: 7.1/7

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 863.091+/-714.107 χ^2/NDF: 8.4/10

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

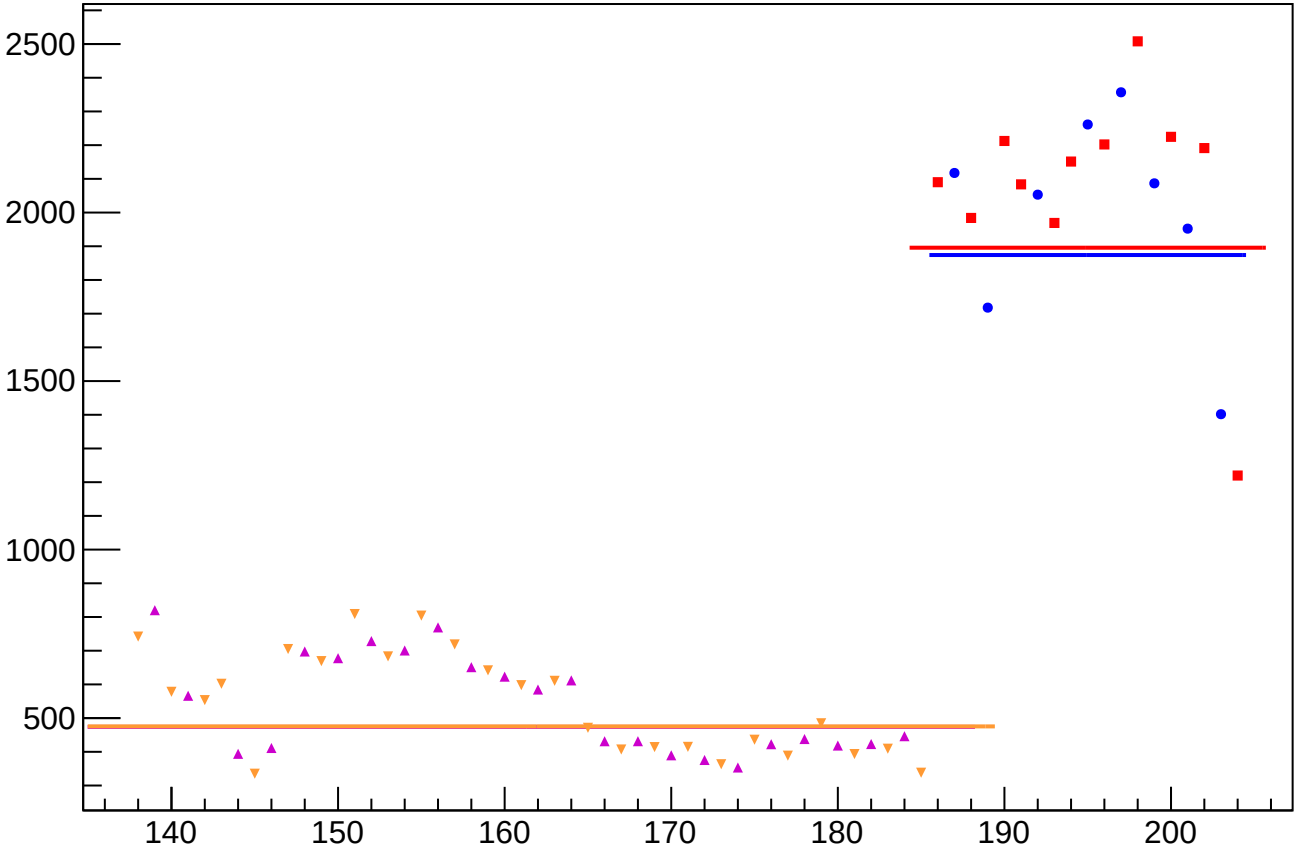
Right: 378.030+/-545.157 χ^2/NDF: 16.6/18

In: 13.328+/-115.717 χ^2/NDF:36.7/30

Out: -409.048+/-113.946 χ^2/NDF:72.6/35

All: -201.118+/-81.191 χ^2/NDF: 116.1/66

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 1874.000+/-0.597 χ^2/NDF: 333926.8/7

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 1895.734+/-0.505 χ^2/NDF: 732929.9/10

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

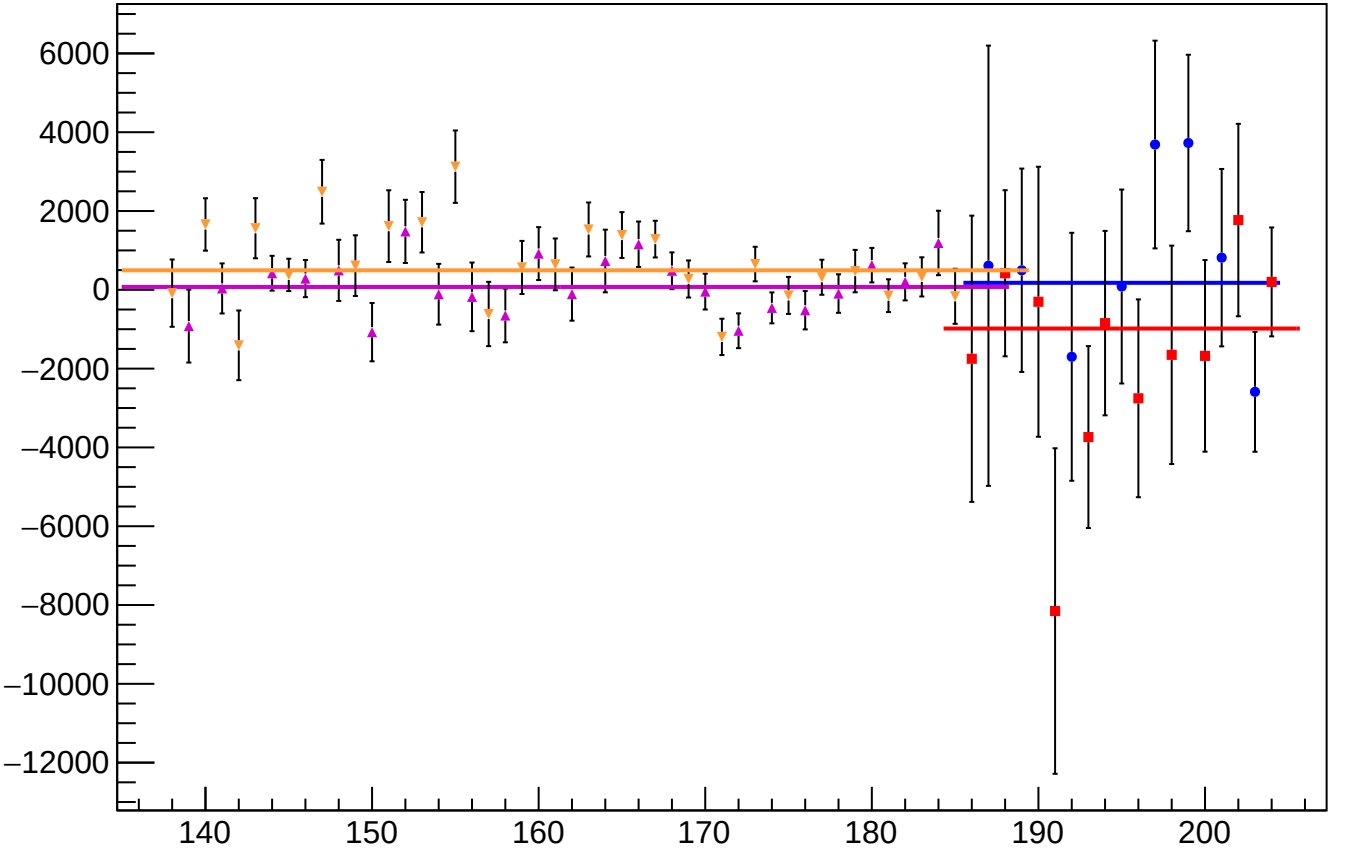
Right: 1886.666+/-0.385 χ^2/NDF: 1067629.6/18

In: 500.264+/-0.082 χ^2/NDF:7908300.9/30

Out: 511.578+/-0.081 χ^2/NDF:10952983.1/35

All: 506.008+/-0.057 χ^2/NDF: 18870989.7/66

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 177.605+/-838.865 χ^2/NDF: 8.1/7

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -982.663+/-713.477 χ^2/NDF: 7.6/10

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

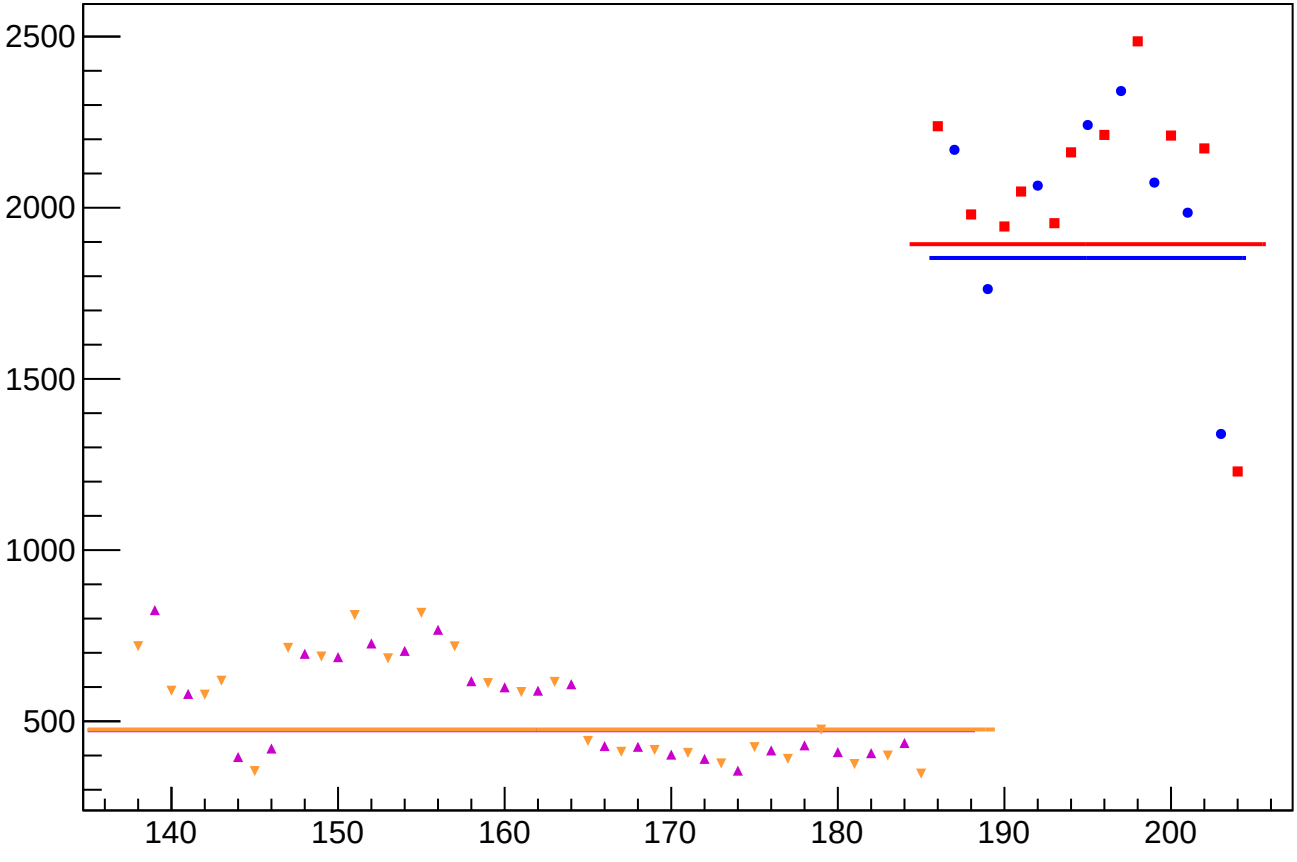
Right: -495.640+/-543.485 χ^2/NDF: 16.8/18

In: 74.628+/-115.808 χ^2/NDF:37.1/30

Out: 457.504+/-114.036 χ^2/NDF:69.0/35

All: 269.017+/-81.255 χ^2/NDF: 111.6/66

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1853.306+/-0.593 χ^2/NDF: 390707.8/7

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 1893.565+/-0.505 χ^2/NDF: 698175.1/10

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

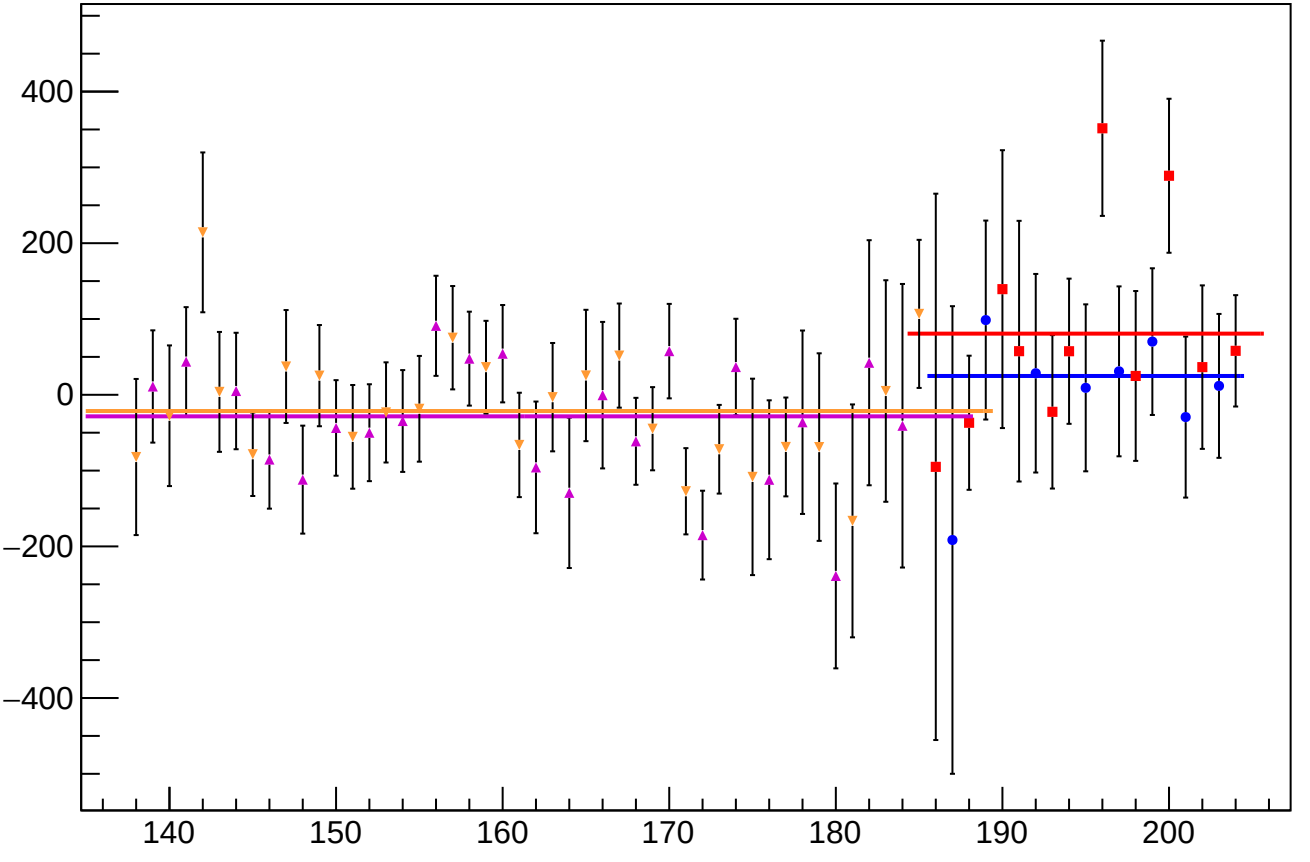
Right: 1876.666+/-0.384 χ^2/NDF: 1091555.8/18

In: 500.115+/-0.082 χ^2/NDF:7809901.3/30

Out: 512.269+/-0.081 χ^2/NDF:10852791.3/35

All: 506.285+/-0.057 χ^2/NDF: 18673877.1/66

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 24.828+/-40.984 χ^2/NDF: 1.3/7

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: 80.686+/-32.817 χ^2/NDF: 13.4/10

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

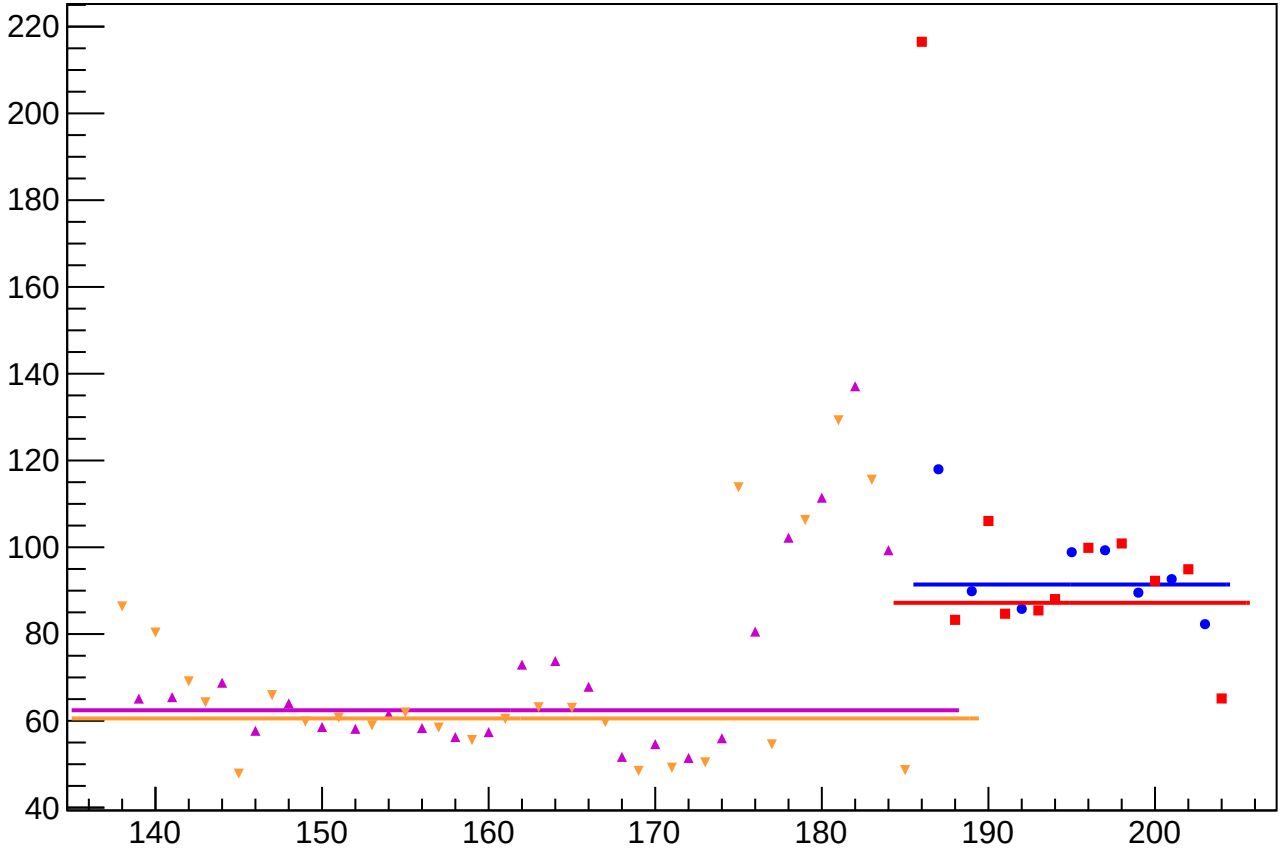
Right: 58.863+/-25.617 χ^2/NDF: 15.9/18

In: -21.774+/-14.493 χ^2/NDF:29.0/30

Out: -4.145+/-13.491 χ^2/NDF:42.3/35

All: -12.330+/-9.875 χ^2/NDF: 72.2/66

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 91.417+/-0.029 χ^2/NDF: 57389.0/7

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 87.201+/-0.023 χ^2/NDF: 533135.7/10

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

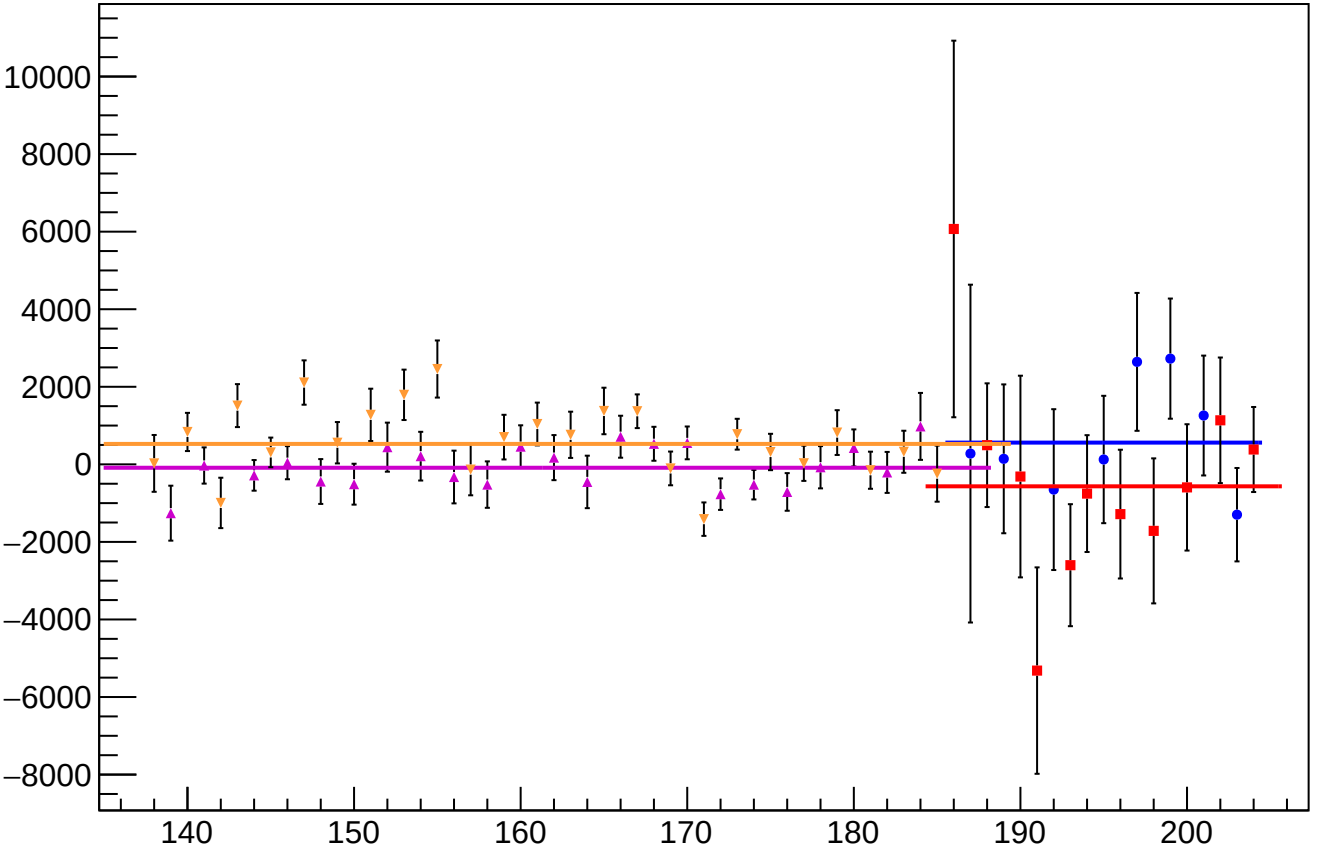
Right: 88.848+/-0.018 χ^2/NDF: 603417.1/18

In: 66.059+/-0.010 χ^2/NDF:2378218.8/30

Out: 65.055+/-0.010 χ^2/NDF:3580838.8/35

All: 65.521+/-0.007 χ^2/NDF: 5964198.7/66

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 560.542+/-600.986 χ^2/NDF: 6.4/7

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -566.708+/-512.442 χ^2/NDF: 9.6/10

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

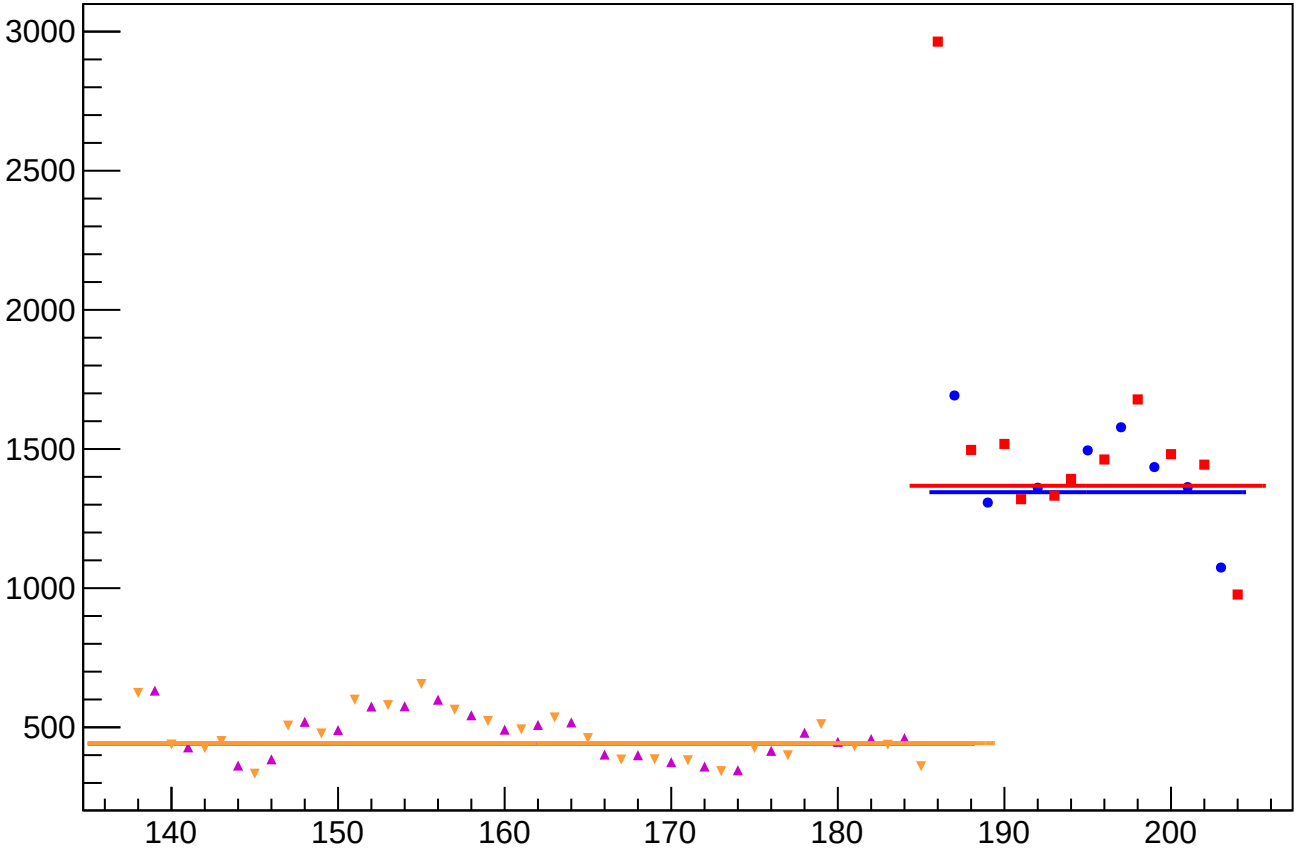
Right: -92.163+/-389.936 χ^2/NDF: 18.0/18

In: -68.120+/-105.193 χ^2/NDF:29.6/30

Out: 482.314+/-103.252 χ^2/NDF:79.0/35

All: 212.222+/-73.687 χ^2/NDF: 122.6/66

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1344.881+/-0.425 χ^2/NDF: 172890.3/7

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1367.939+/-0.362 χ^2/NDF: 567764.6/10

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

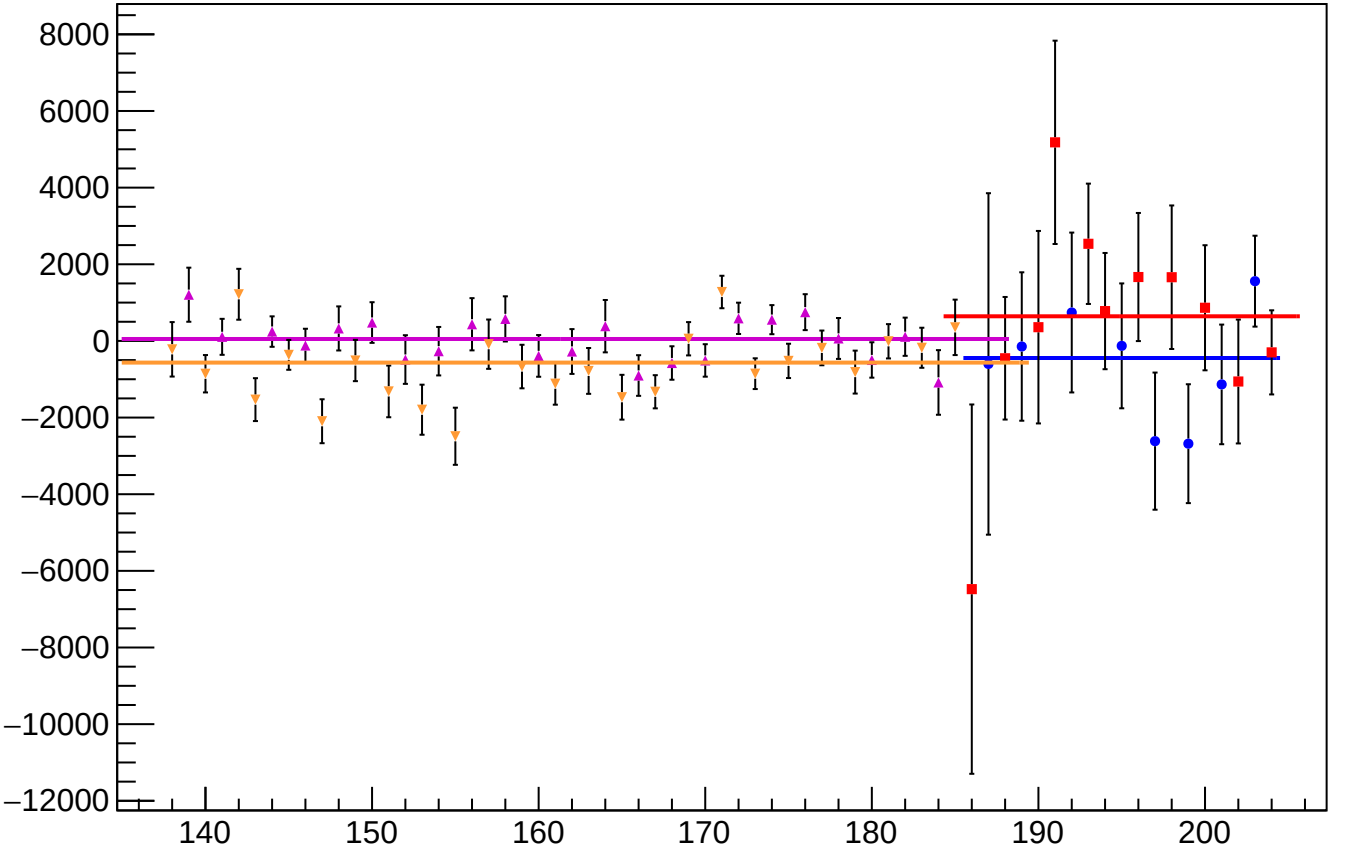
Right: 1358.232+/-0.276 χ^2/NDF: 742359.5/18

In: 469.040+/-0.074 χ^2/NDF:5590659.2/30

Out: 480.581+/-0.073 χ^2/NDF:7990249.7/35

All: 474.918+/-0.052 χ^2/NDF: 13593169.7/66

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -445.766+/-600.522 χ^2/NDF: 7.0/7

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 642.539+/-512.538 χ^2/NDF: 9.6/10

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

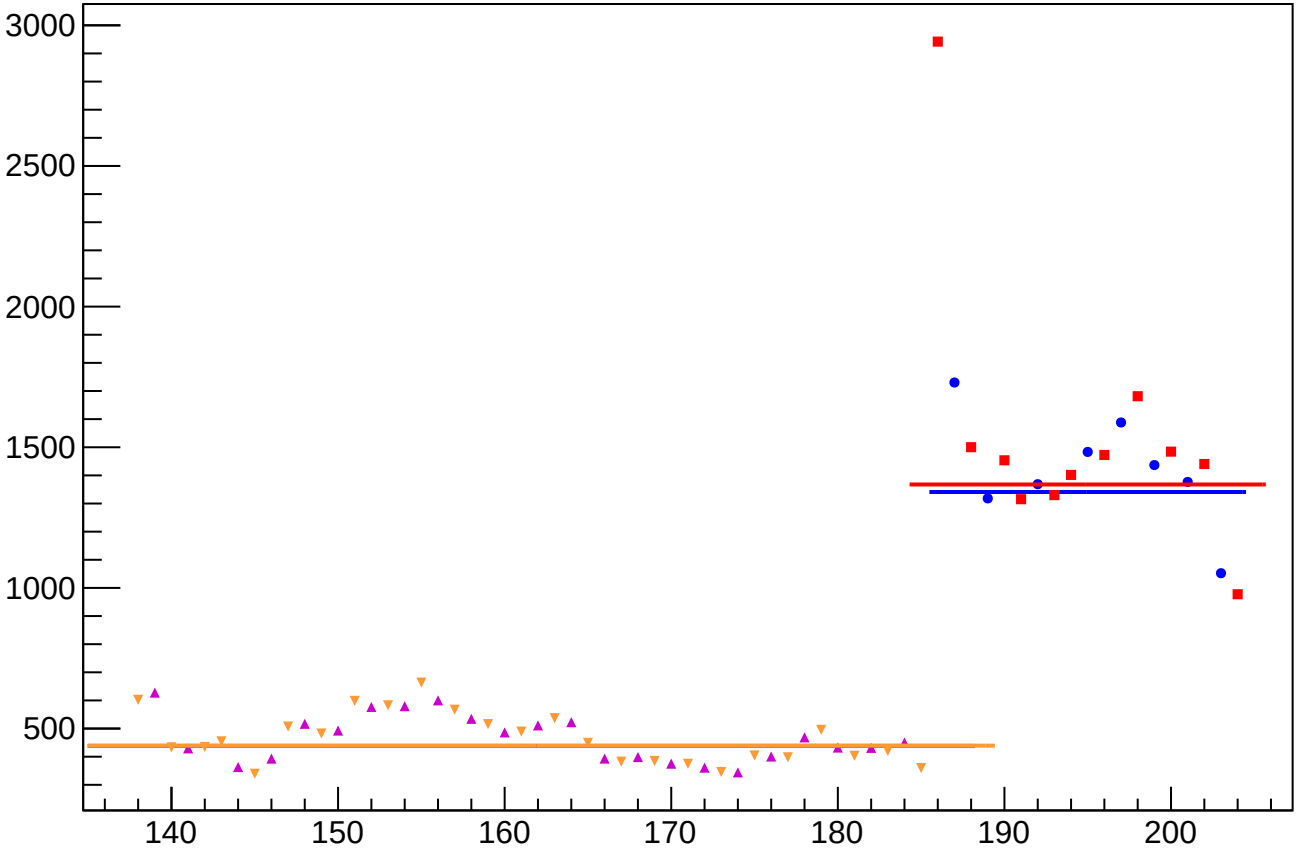
Right: 183.879+/-389.851 χ^2/NDF: 18.5/18

In: 35.336+/-104.594 χ^2/NDF:30.9/30

Out: -517.364+/-102.356 χ^2/NDF:77.9/35

All: -246.991+/-73.155 χ^2/NDF: 123.0/66

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1341.000+/-0.425 χ^2/NDF: 196477.2/7

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1367.712+/-0.362 χ^2/NDF: 563658.8/10

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

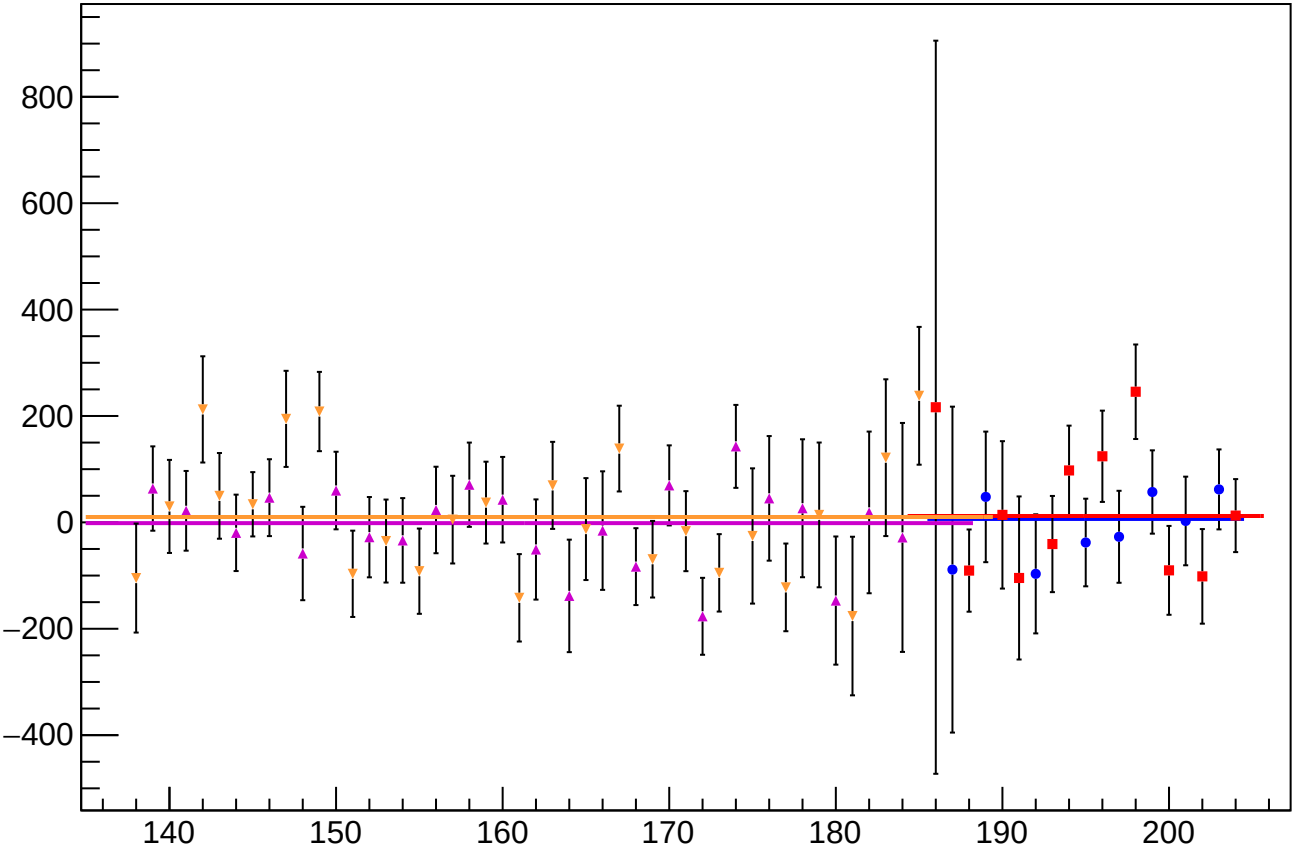
Right: 1356.455+/-0.276 χ^2/NDF: 762425.4/18

In: 465.747+/-0.074 χ^2/NDF:5602586.8/30

Out: 476.340+/-0.072 χ^2/NDF:8028122.6/35

All: 471.158+/-0.052 χ^2/NDF: 13641188.4/66

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 6.462+/-32.930 χ^2/NDF: 2.5/7

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: 11.988+/-28.038 χ^2/NDF: 15.6/10

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

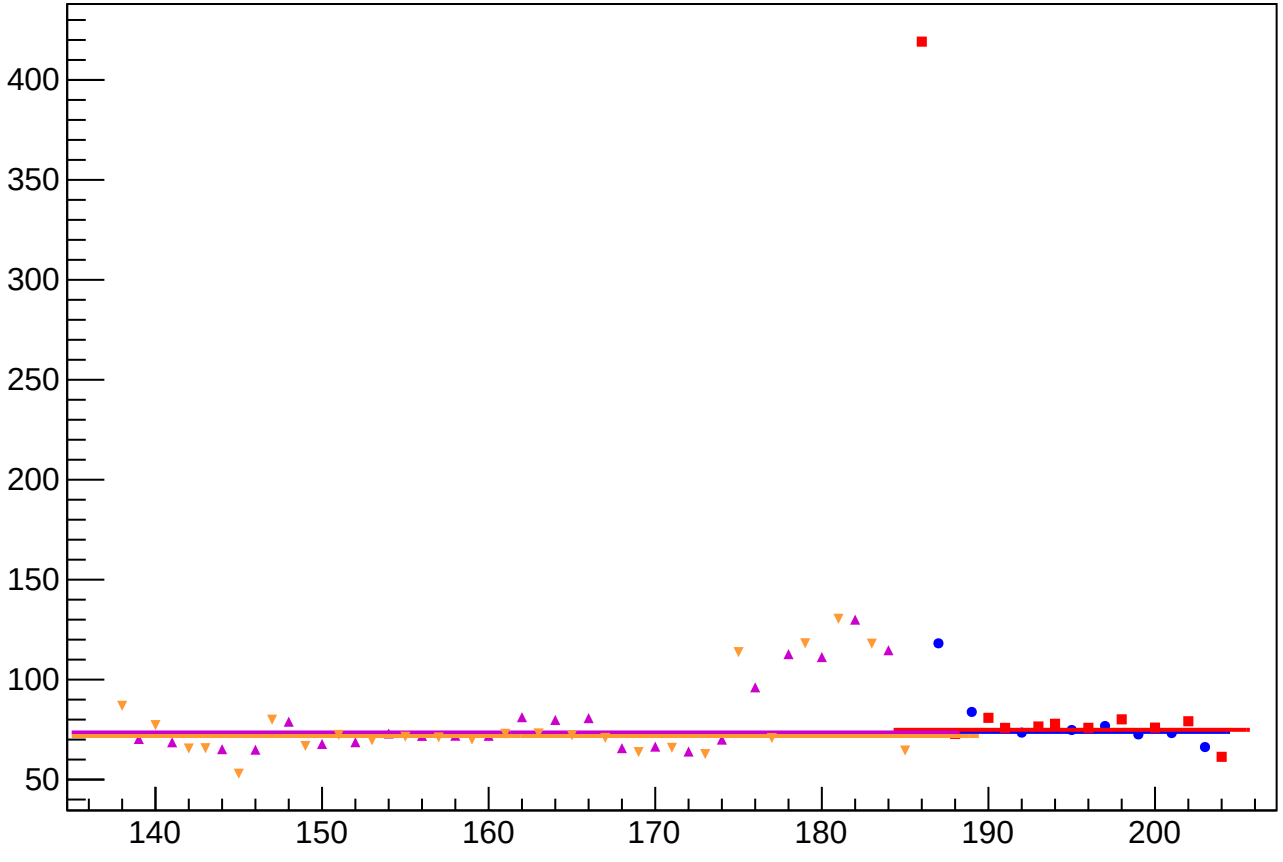
Right: 9.666+/-21.348 χ^2/NDF: 18.0/18

In: 0.371+/-15.744 χ^2/NDF:21.5/30

Out: 10.601+/-14.665 χ^2/NDF:54.3/35

All: 5.848+/-10.731 χ^2/NDF: 76.1/66

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 73.853+/-0.023 χ^2/NDF: 78644.4/7

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 74.884+/-0.020 χ^2/NDF: 597419.7/10

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

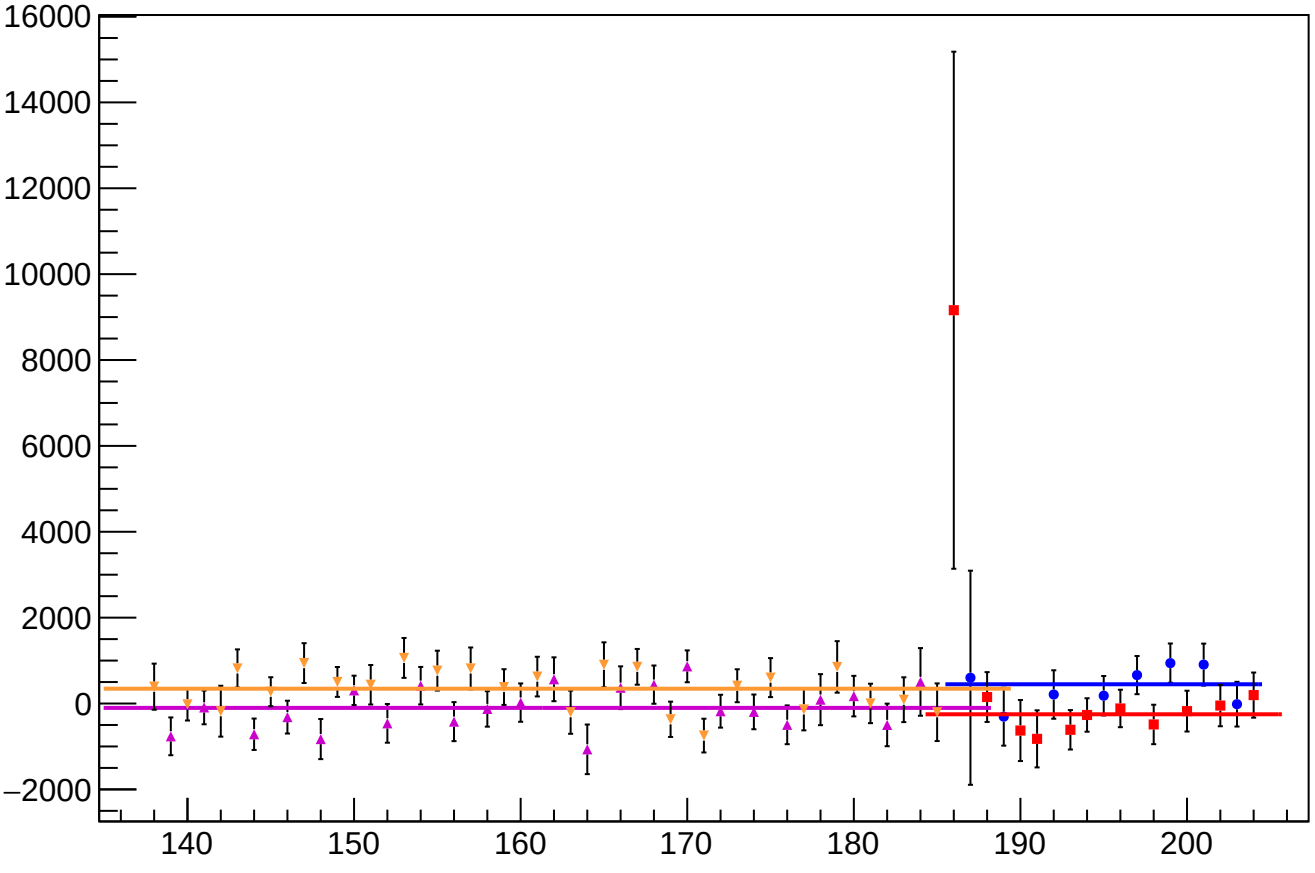
Right: 74.450+/-0.015 χ^2/NDF: 677200.2/18

In: 73.626+/-0.011 χ^2/NDF:1088121.6/30

Out: 72.633+/-0.010 χ^2/NDF:1940891.6/35

All: 73.094+/-0.008 χ^2/NDF: 3033272.9/66

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 448.343+/-189.147 χ^2/NDF: 4.8/7

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -250.740+/-156.306 χ^2/NDF: 5.9/10

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

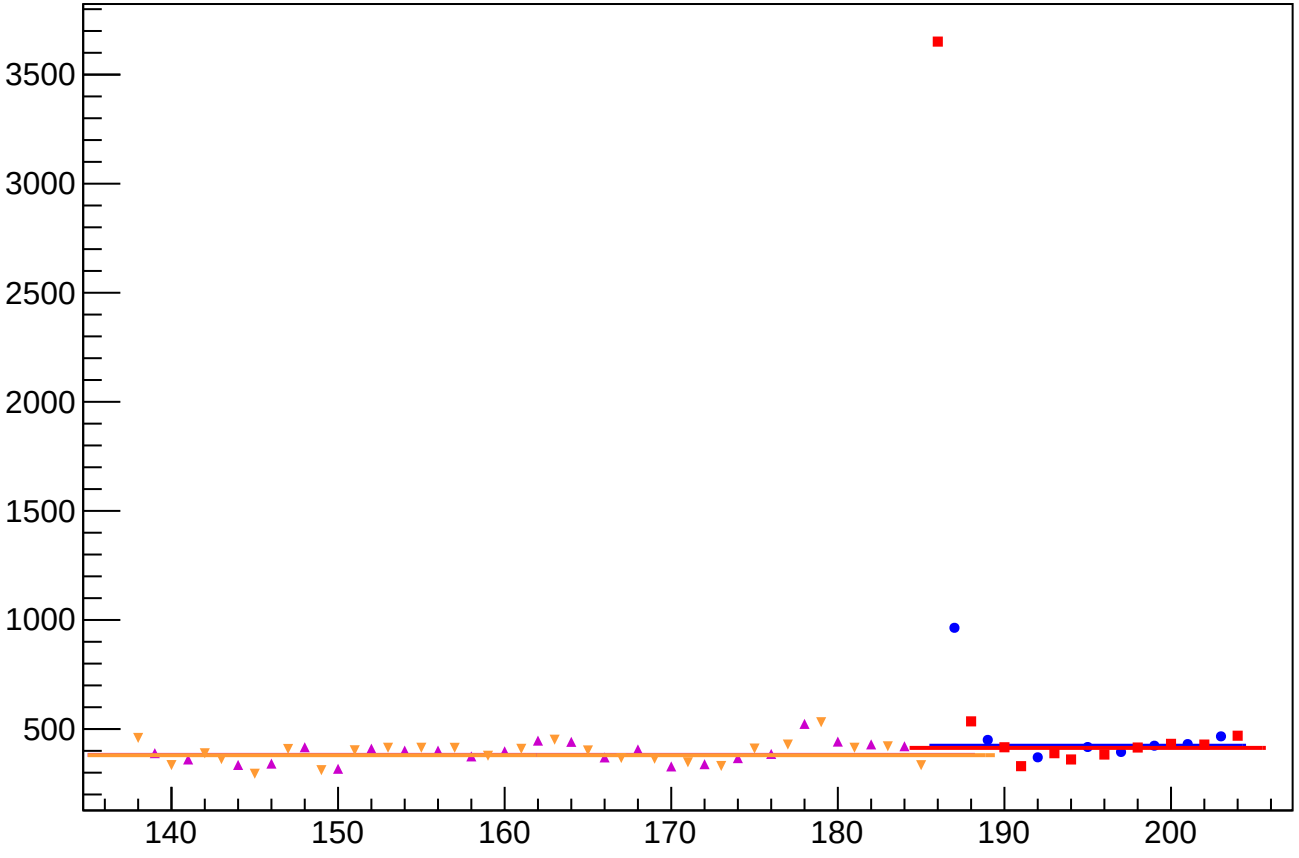
Right: 32.938+/-120.489 χ^2/NDF: 18.8/18

In: 2.965+/-82.492 χ^2/NDF:39.7/30

Out: 197.292+/-77.902 χ^2/NDF:44.1/35

All: 105.686+/-56.638 χ^2/NDF: 86.8/66

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 423.405+/-0.134 χ^2/NDF: 137633.8/7

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 413.577+/-0.111 χ^2/NDF: 778078.4/10

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

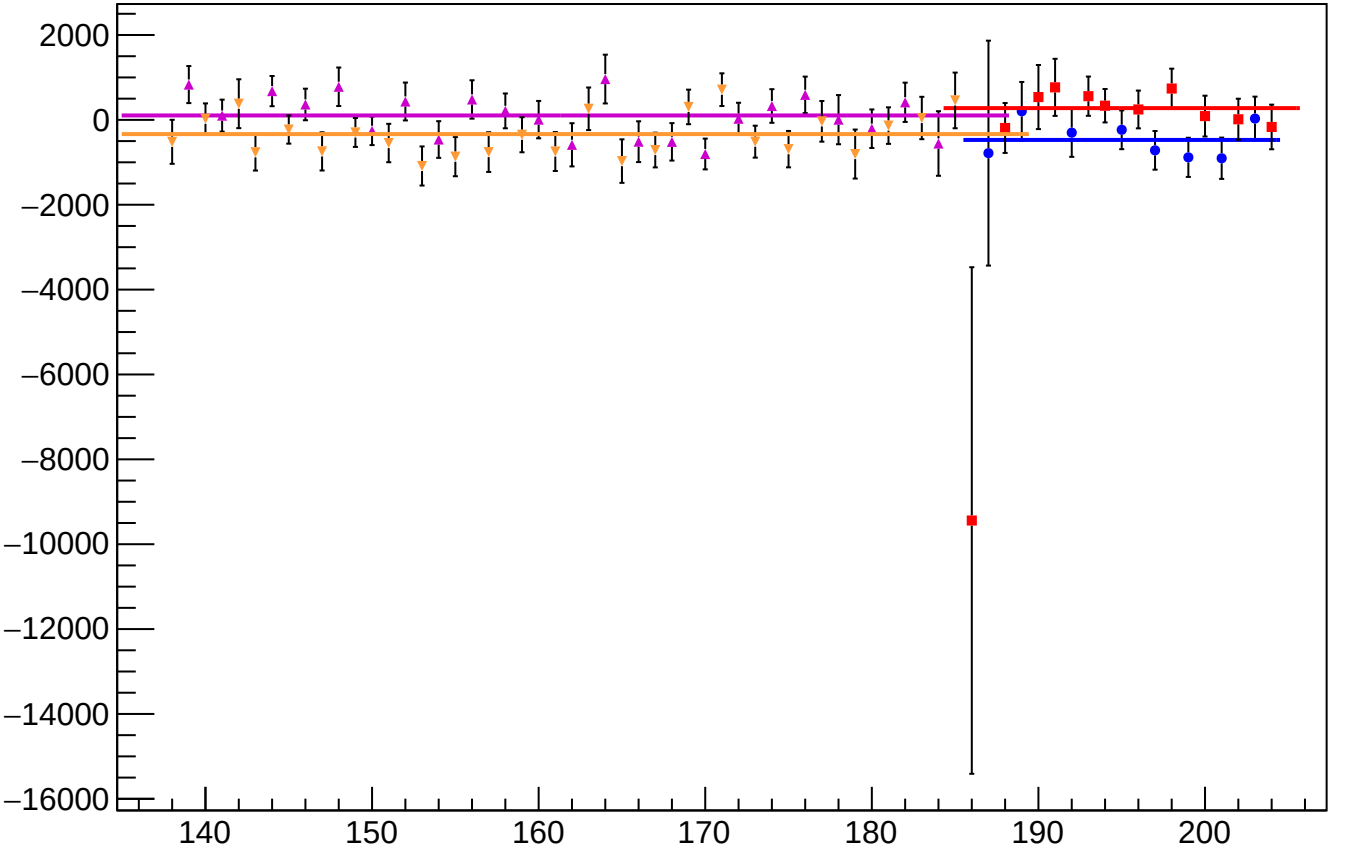
Right: 417.565+/-0.085 χ^2/NDF: 918920.6/18

In: 389.450+/-0.058 χ^2/NDF:678247.7/30

Out: 388.495+/-0.055 χ^2/NDF:1463216.6/35

All: 388.945+/-0.040 χ^2/NDF: 2141605.8/66

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -472.832+/-190.442 χ^2/NDF: 4.1/7

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 276.952+/-158.491 χ^2/NDF: 6.5/10

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

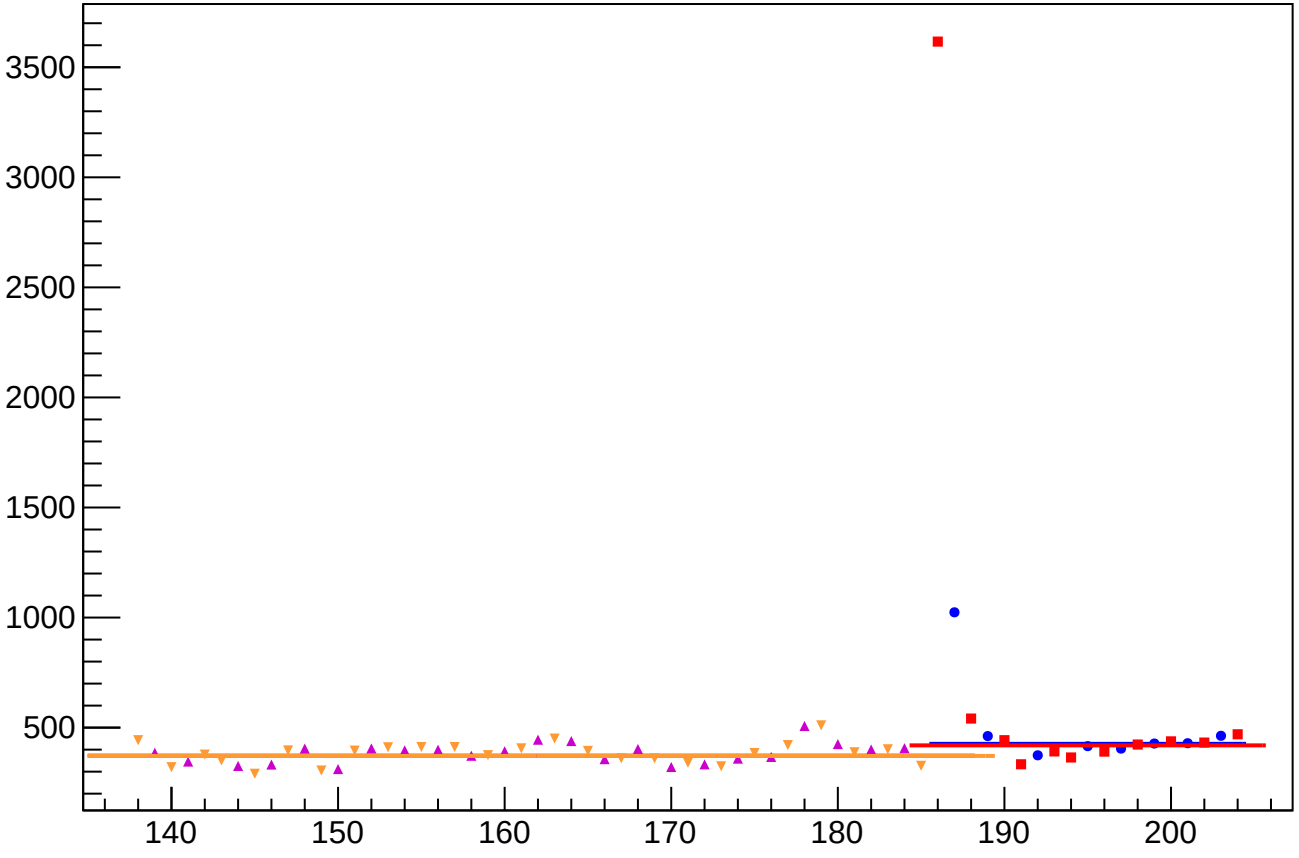
Right: -29.855+/-121.823 χ^2/NDF: 19.8/18

In: -0.473+/-81.085 χ^2/NDF:41.3/30

Out: -191.720+/-76.740 χ^2/NDF:46.2/35

All: -101.358+/-55.736 χ^2/NDF: 90.4/66

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 426.277+/-0.135 χ^2/NDF: 139226.9/7

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 419.378+/-0.112 χ^2/NDF: 771130.1/10

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

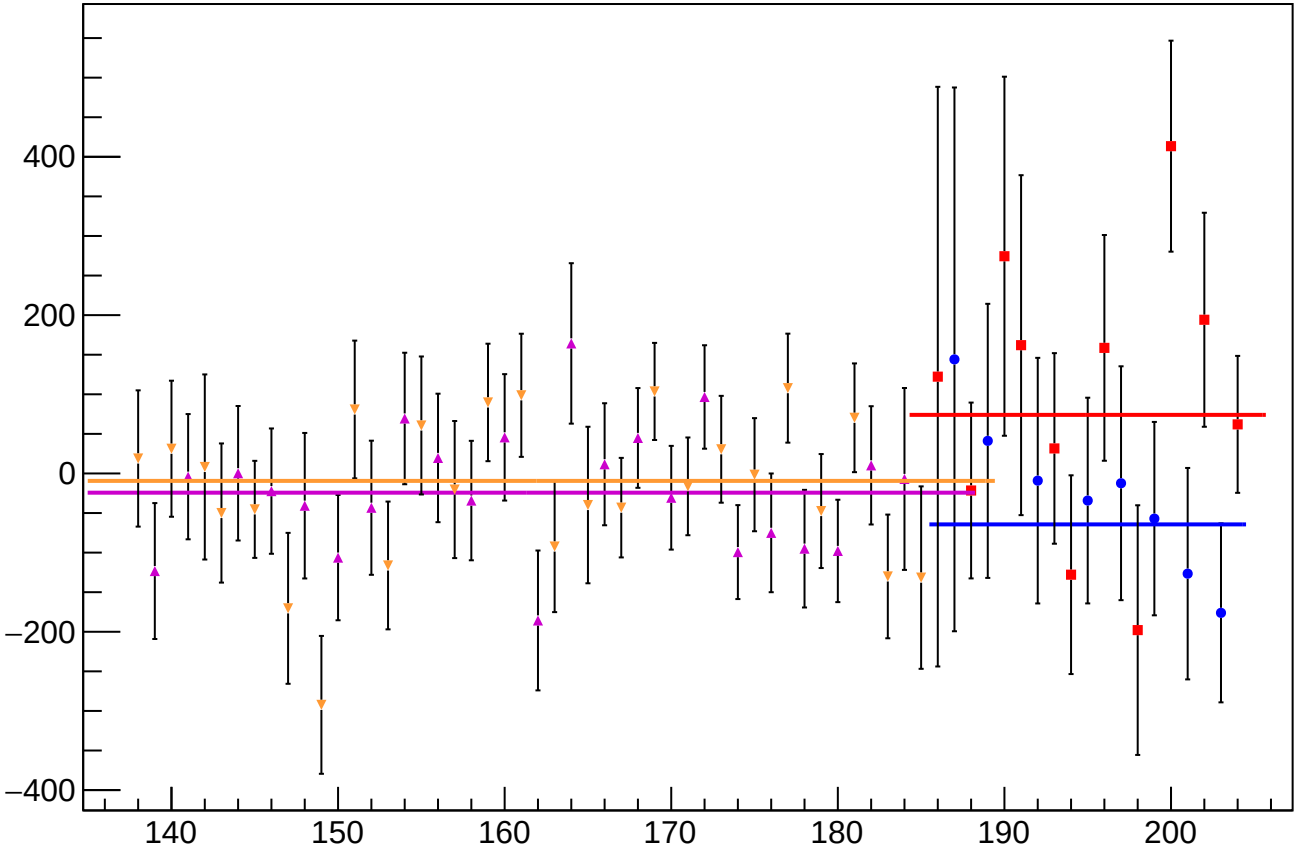
Right: 422.201+/-0.086 χ^2/NDF: 911907.9/18

In: 382.310+/-0.057 χ^2/NDF:733831.7/30

Out: 382.629+/-0.054 χ^2/NDF:1515704.0/35

All: 382.478+/-0.039 χ^2/NDF: 2249552.1/66

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -64.346+/-50.651 χ^2/NDF: 2.2/7

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 74.003+/-40.955 χ^2/NDF: 15.0/10

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

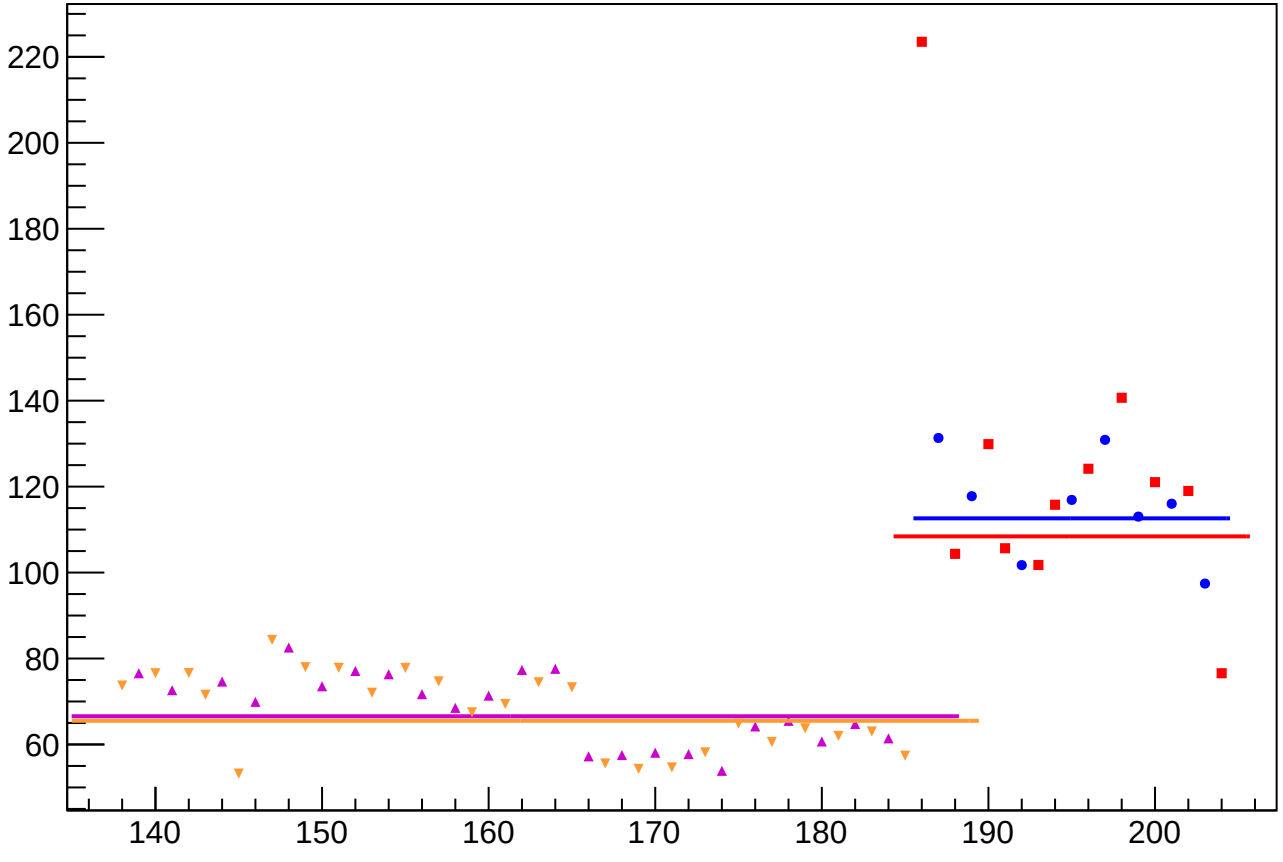
Right: 19.310+/-31.847 χ^2/NDF: 21.8/18

In: -27.941+/-15.286 χ^2/NDF:23.9/30

Out: 1.018+/-14.473 χ^2/NDF:53.4/35

All: -12.671+/-10.510 χ^2/NDF: 79.2/66

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 112.617+/-0.036 χ^2/NDF: 87687.5/7

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 108.417+/-0.029 χ^2/NDF: 640828.2/10

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

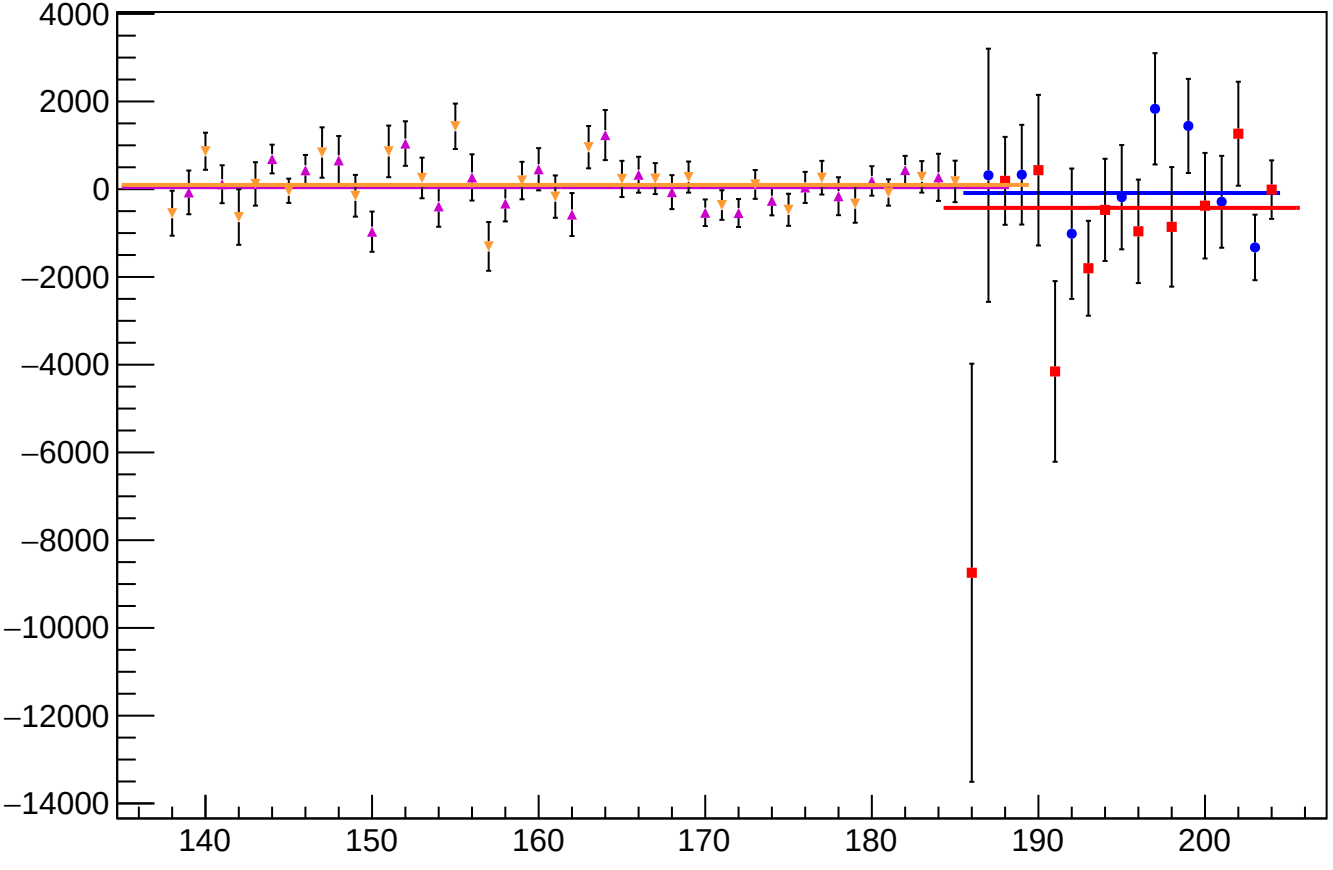
Right: 110.077+/-0.023 χ^2/NDF: 736831.2/18

In: 70.758+/-0.011 χ^2/NDF:2111814.1/30

Out: 70.870+/-0.010 χ^2/NDF:3228711.6/35

All: 70.817+/-0.007 χ^2/NDF: 5340582.0/66

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -86.531+/-400.081 χ^2/NDF: 7.7/7

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -425.300+/-351.051 χ^2/NDF: 11.3/10

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

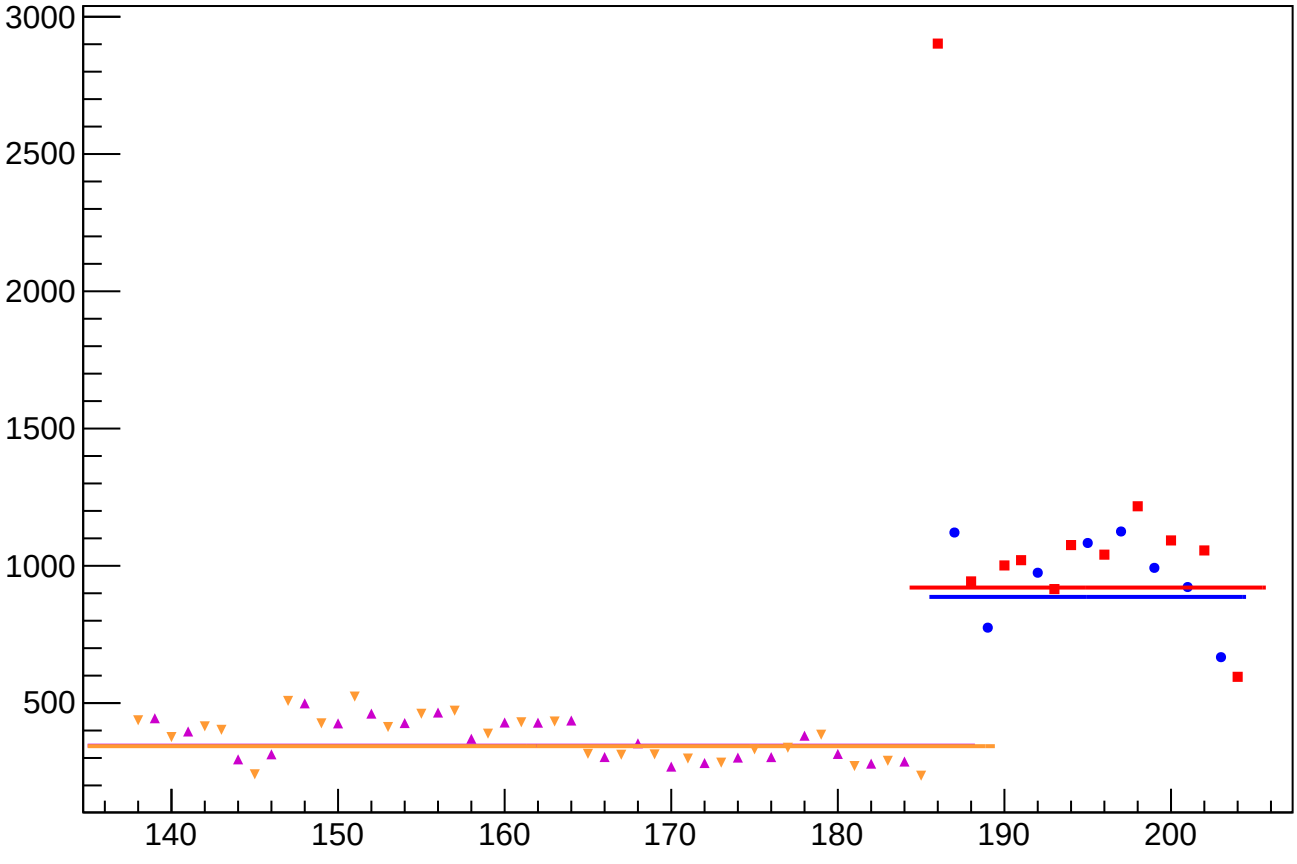
Right: -277.935+/-263.872 χ^2/NDF: 19.4/18

In: 41.055+/-82.074 χ^2/NDF:42.0/30

Out: 70.226+/-80.070 χ^2/NDF:46.7/35

All: 56.001+/-57.313 χ^2/NDF: 88.8/66

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 886.726+/-0.283 χ^2/NDF: 359250.1/7

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 920.797+/-0.248 χ^2/NDF: 1048083.8/10

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

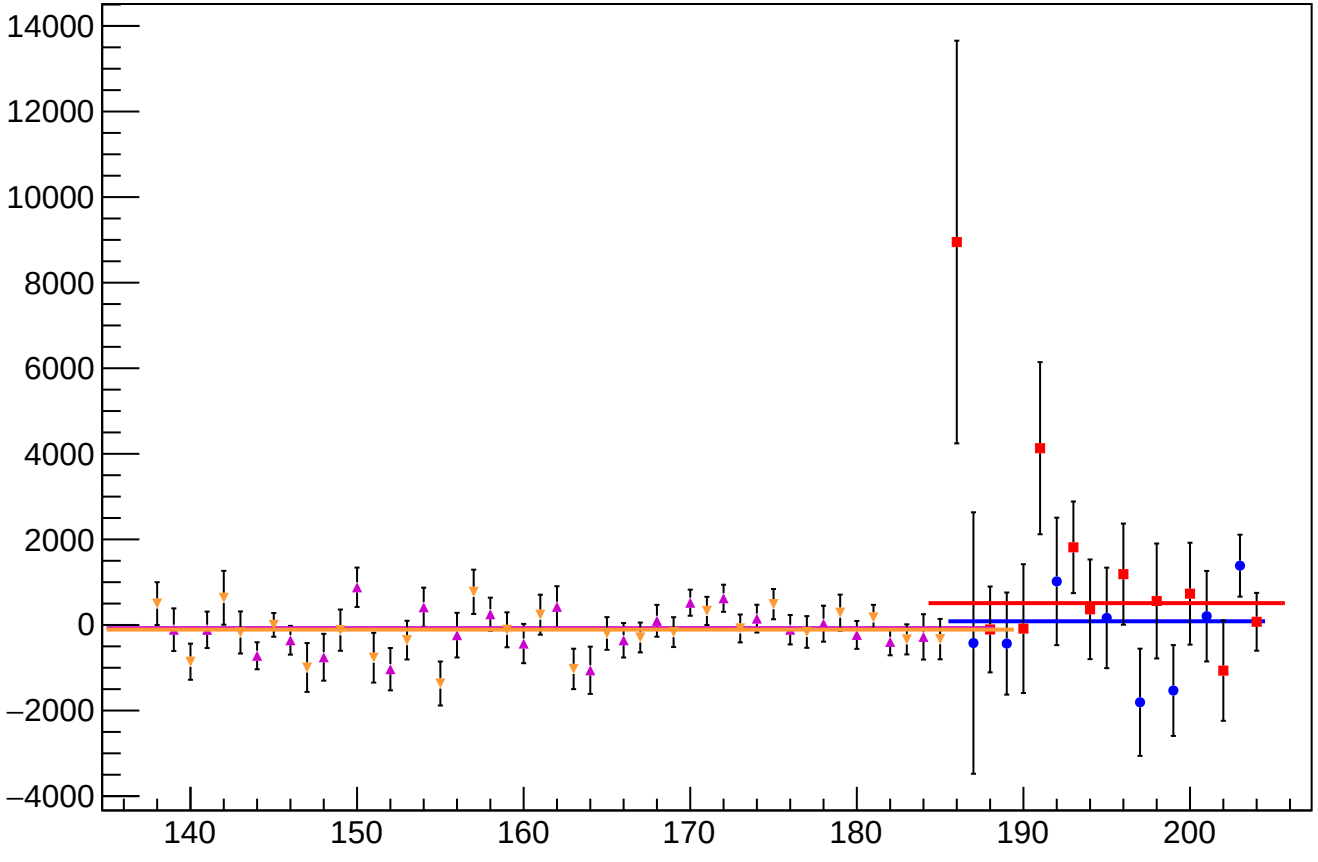
Right: 905.976+/-0.187 χ^2/NDF: 1415529.2/18

In: 367.624+/-0.058 χ^2/NDF:5138690.6/30

Out: 373.055+/-0.057 χ^2/NDF:7849447.0/35

All: 370.406+/-0.041 χ^2/NDF: 12992624.6/66

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 86.296+/-398.077 χ^2/NDF: 8.5/7

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 510.328+/-348.594 χ^2/NDF: 11.1/10

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

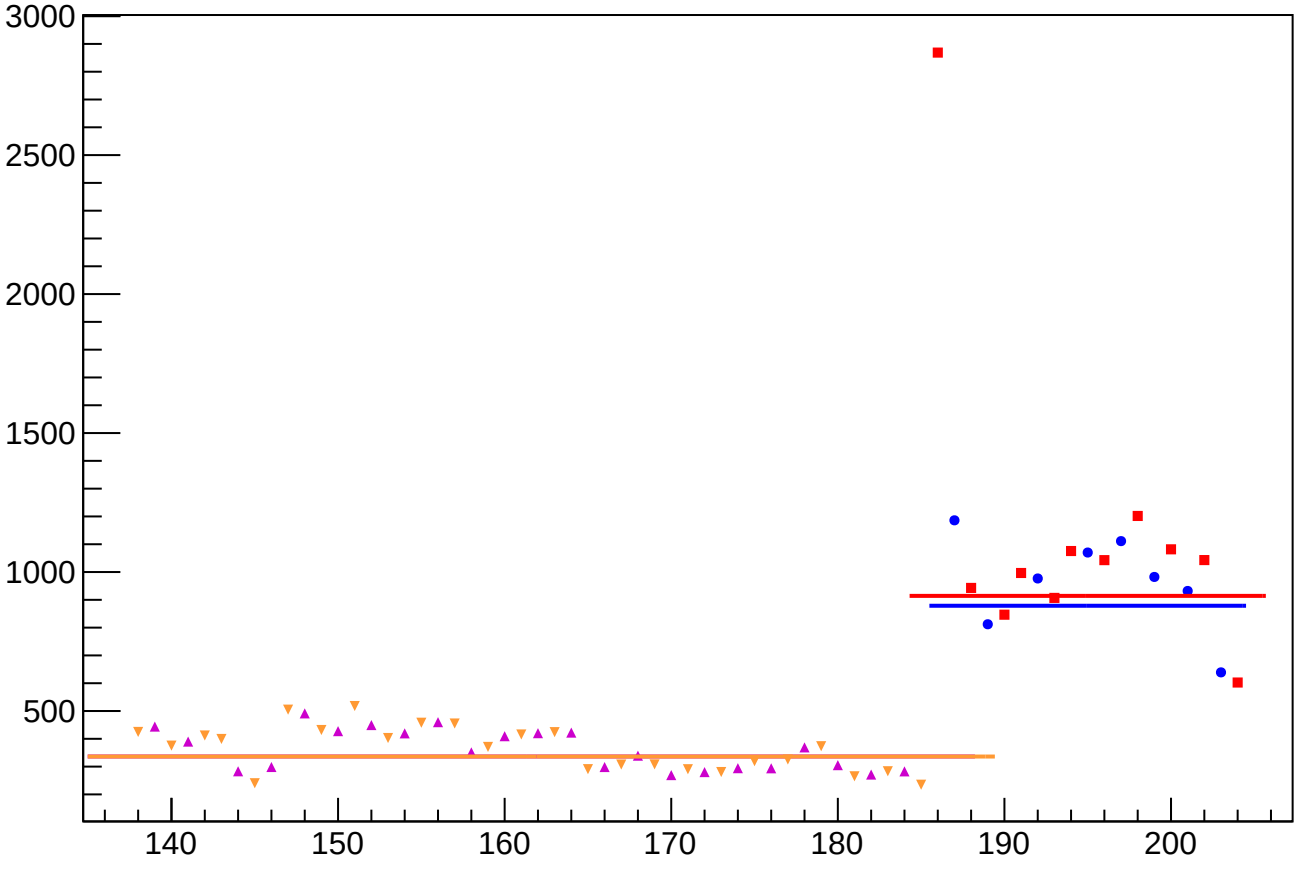
Right: 326.290+/-262.253 χ^2/NDF: 20.2/18

In: -68.429+/-80.266 χ^2/NDF:41.3/30

Out: -76.671+/-78.509 χ^2/NDF:44.9/35

All: -72.641+/-56.125 χ^2/NDF: 86.2/66

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 878.682+/-0.281 χ^2/NDF: 400351.6/7

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 914.219+/-0.246 χ^2/NDF: 997230.0/10

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

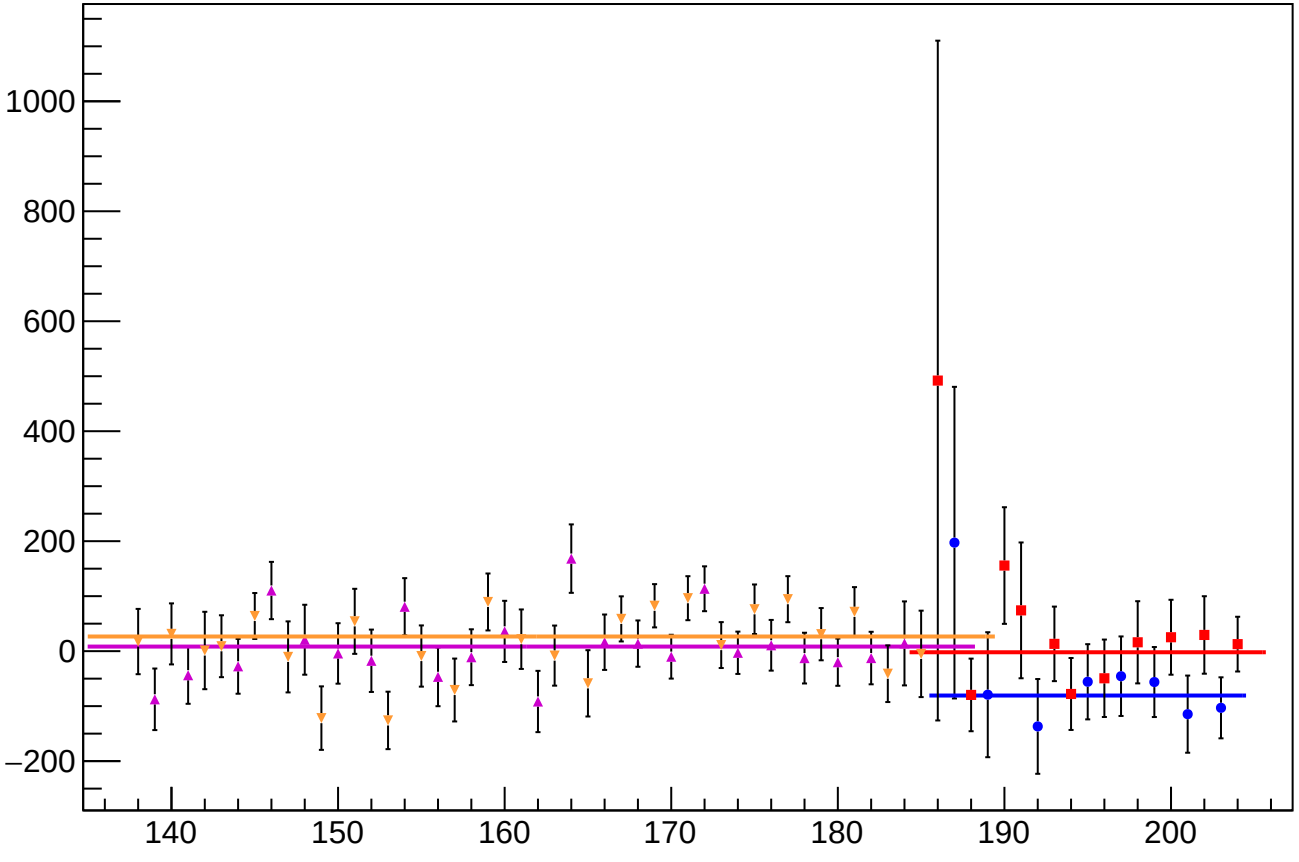
Right: 898.796+/-0.185 χ^2/NDF: 1406602.8/18

In: 358.443+/-0.057 χ^2/NDF:5230579.6/30

Out: 365.548+/-0.056 χ^2/NDF:7876342.4/35

All: 362.074+/-0.040 χ^2/NDF: 13114930.2/66

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -80.709+/-26.686 χ^2/NDF: 2.3/7

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: -2.013+/-22.147 χ^2/NDF: 7.0/10

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

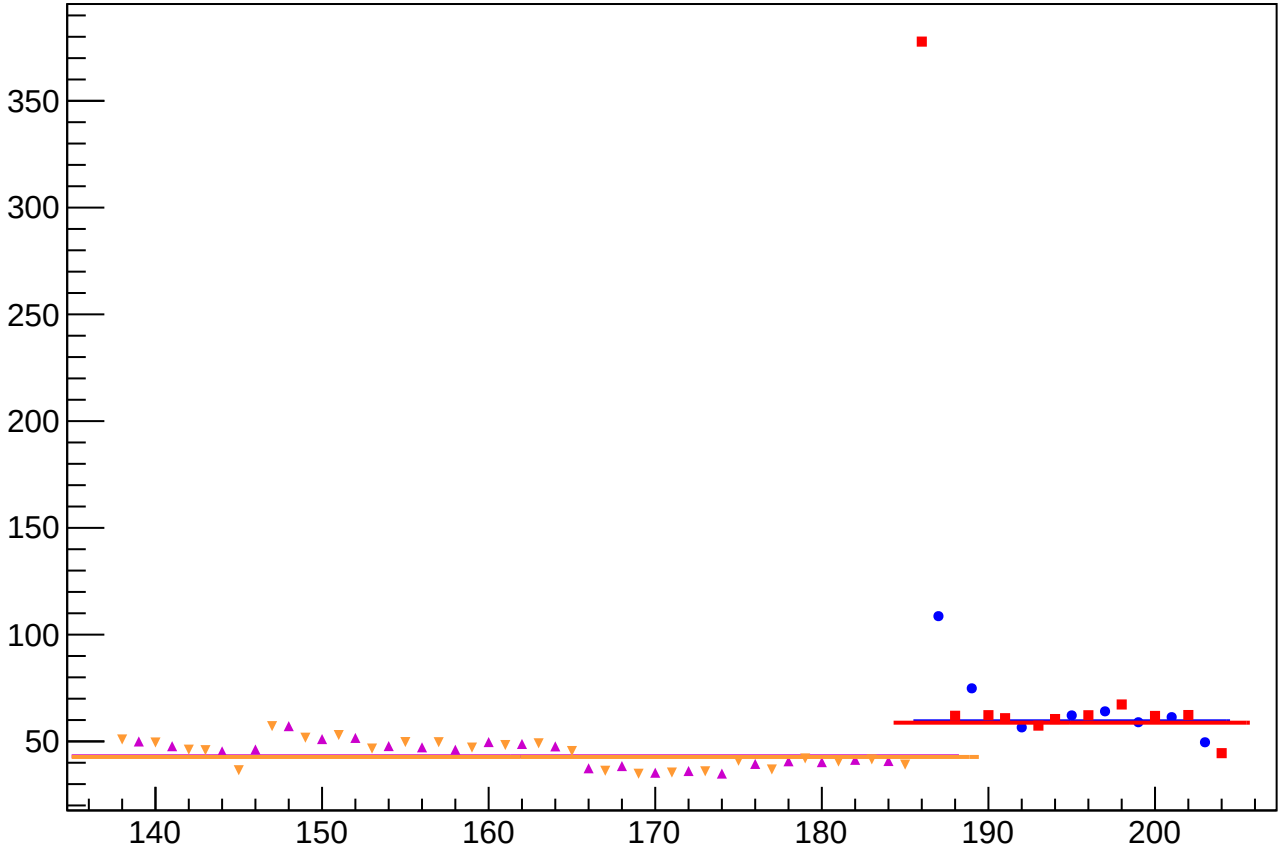
Right: -34.109+/-17.043 χ^2/NDF: 14.4/18

In: -3.337+/-9.658 χ^2/NDF:41.6/30

Out: 21.709+/-9.182 χ^2/NDF:44.8/35

All: 9.818+/-6.655 χ^2/NDF: 89.9/66

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.415+/-0.019 χ^2/NDF: 175497.6/7

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 58.763+/-0.016 χ^2/NDF: 747064.5/10

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

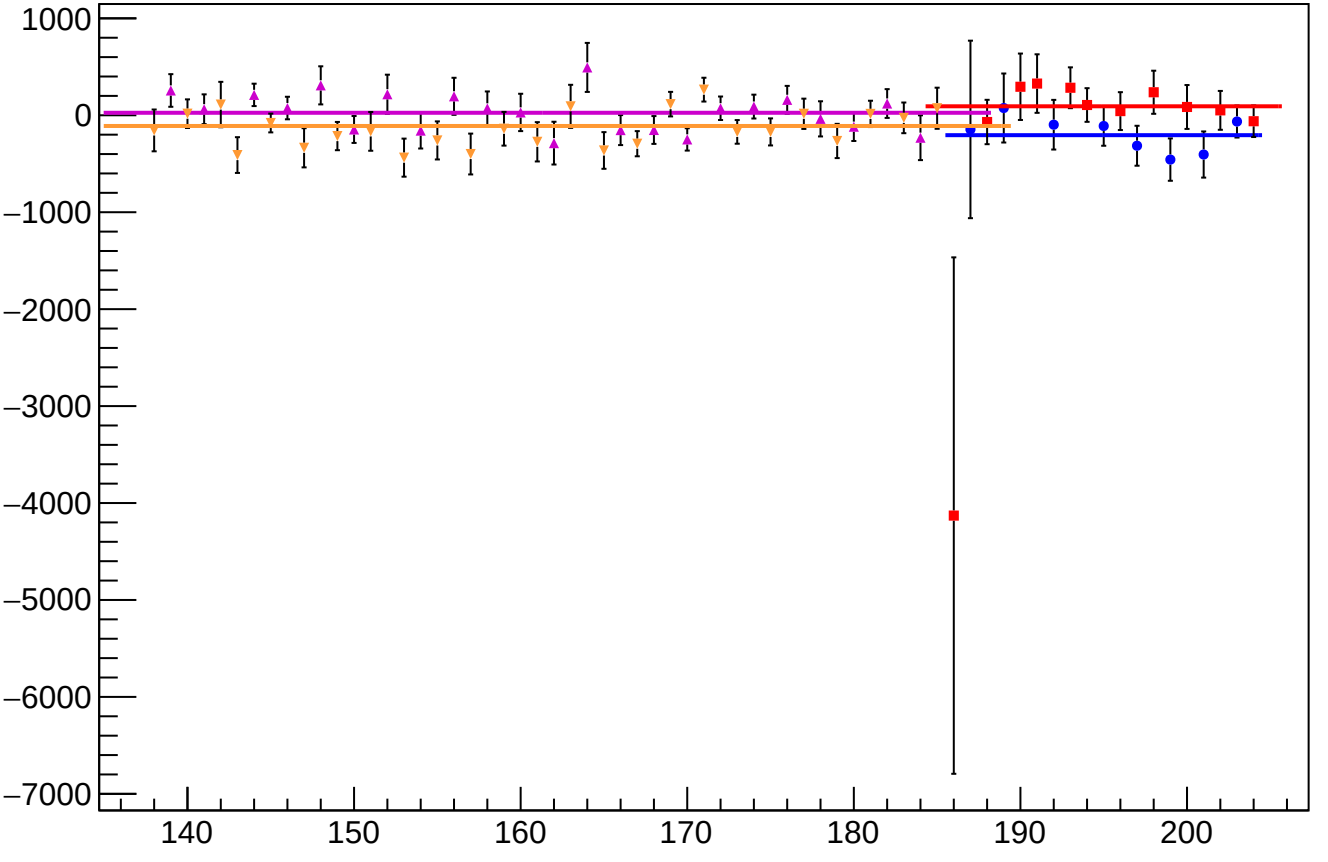
Right: 59.029+/-0.012 χ^2/NDF: 923269.8/18

In: 45.169+/-0.007 χ^2/NDF:1474020.1/30

Out: 45.474+/-0.006 χ^2/NDF:2388158.7/35

All: 45.329+/-0.005 χ^2/NDF: 3863229.8/66

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -205.154+/-82.433 χ^2/NDF: 4.1/7

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 92.721+/-66.969 χ^2/NDF: 6.2/10

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

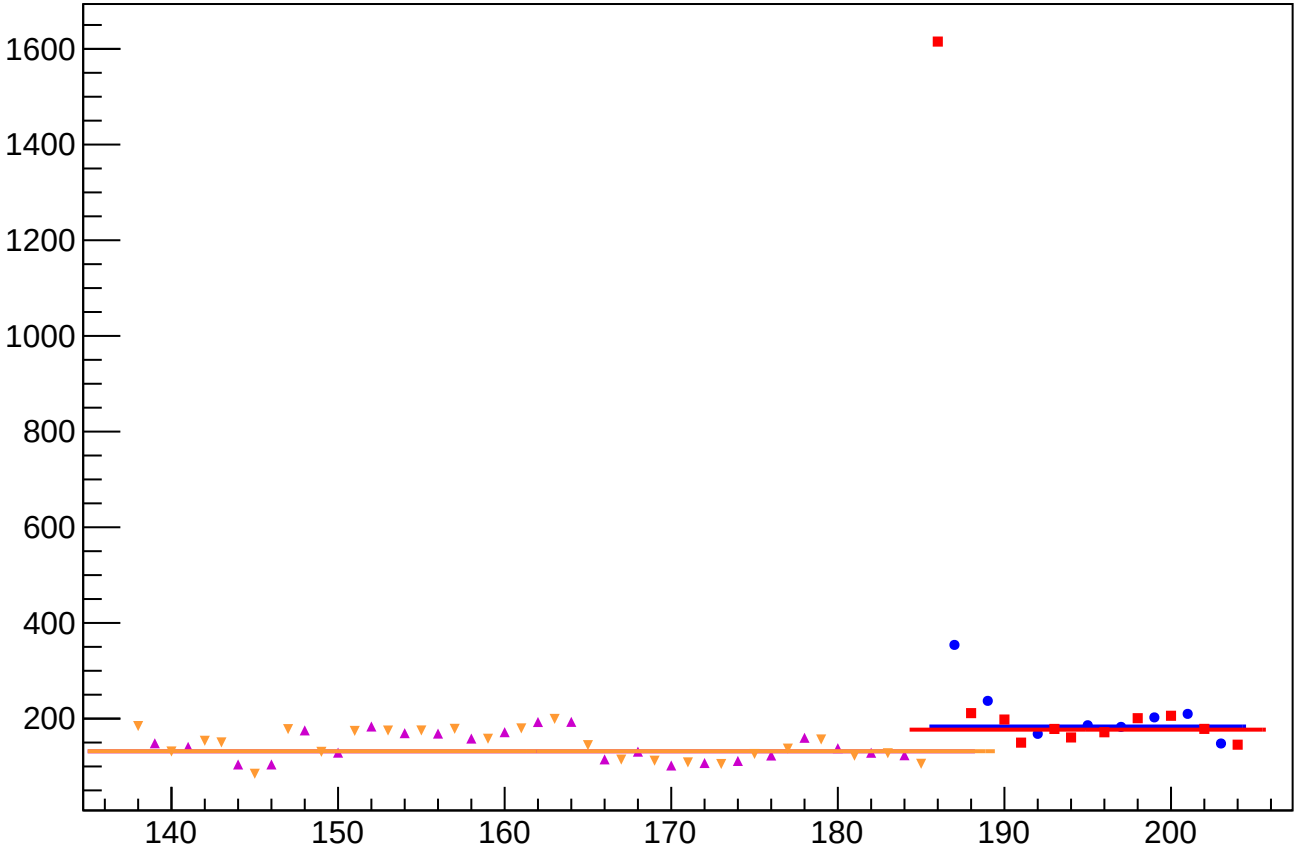
Right: -25.711+/-51.978 χ^2/NDF: 18.1/18

In: -4.586+/-29.912 χ^2/NDF:39.9/30

Out: -73.137+/-28.665 χ^2/NDF:46.7/35

All: -40.320+/-20.696 χ^2/NDF: 89.3/66

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 183.515+/-0.058 χ^2/NDF: 254675.9/7

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 176.947+/-0.047 χ^2/NDF: 802448.3/10

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

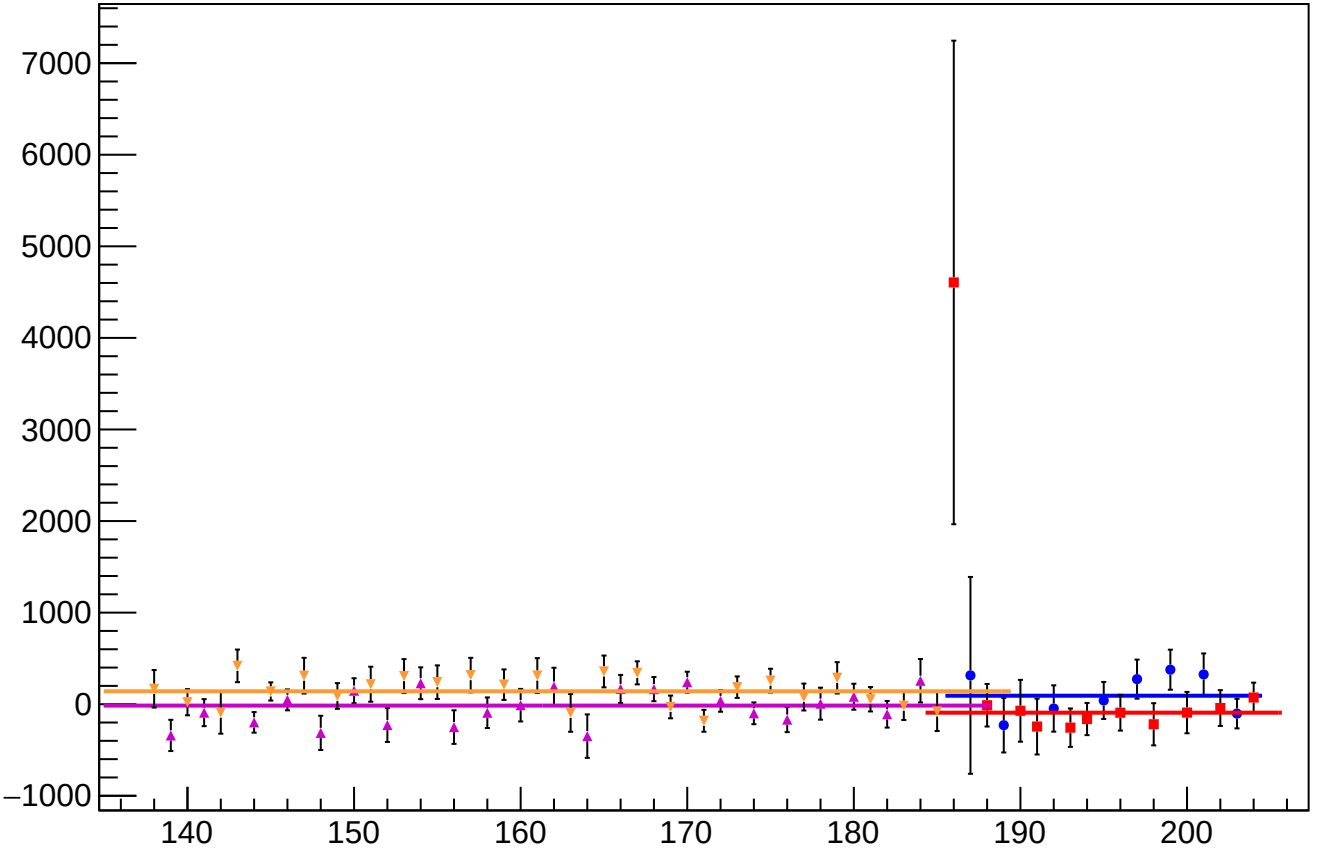
Right: 179.558+/-0.037 χ^2/NDF: 1064773.5/18

In: 138.461+/-0.021 χ^2/NDF:2346394.0/30

Out: 140.132+/-0.020 χ^2/NDF:3348793.0/35

All: 139.332+/-0.015 χ^2/NDF: 5698440.7/66

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 92.639+/-80.975 χ^2/NDF: 6.5/7

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -92.764+/-67.139 χ^2/NDF: 5.7/10

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

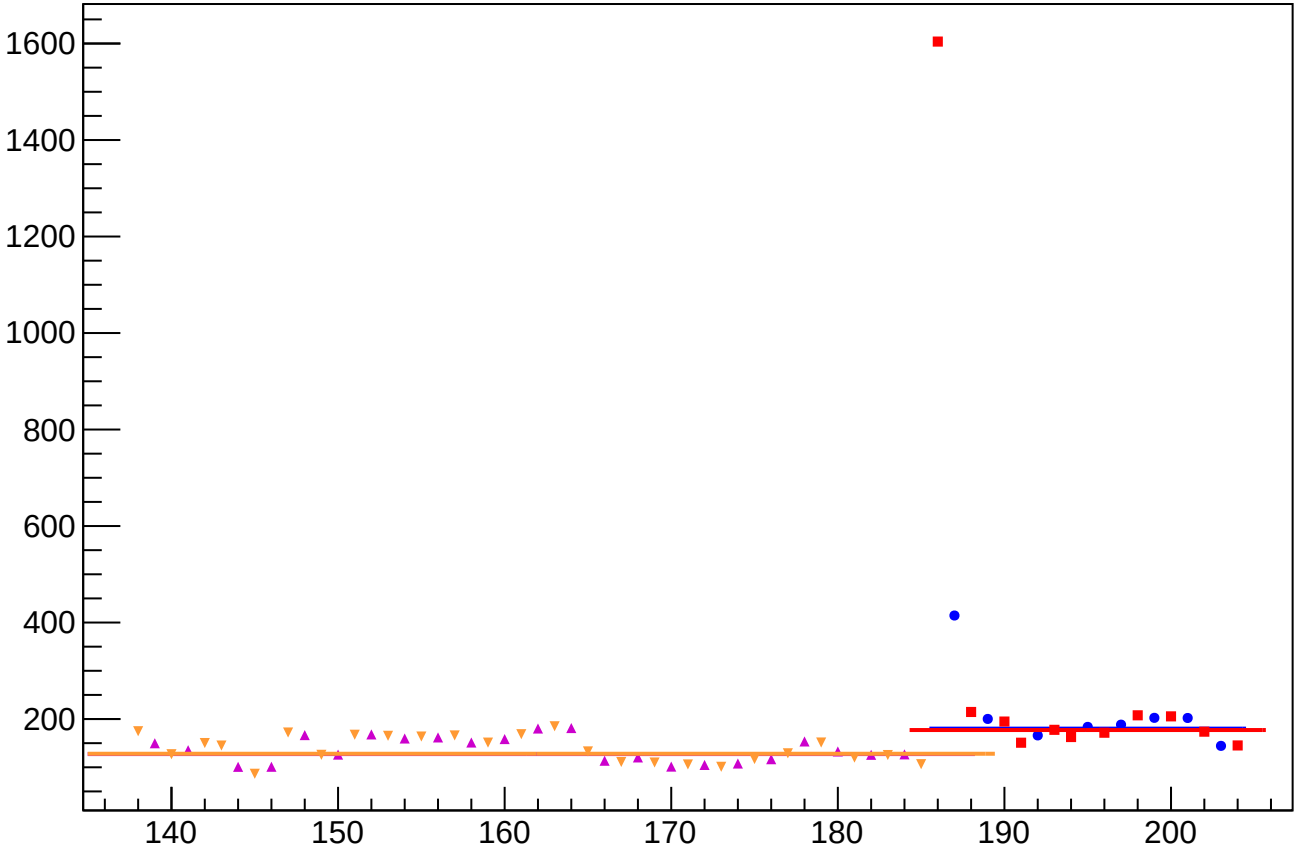
Right: -17.232+/-51.684 χ^2/NDF: 15.3/18

In: -1.389+/-28.978 χ^2/NDF:39.4/30

Out: 100.722+/-27.871 χ^2/NDF:42.9/35

All: 51.654+/-20.088 χ^2/NDF: 88.7/66

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 180.119+/-0.057 χ^2/NDF: 251381.0/7

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 177.212+/-0.047 χ^2/NDF: 815848.7/10

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

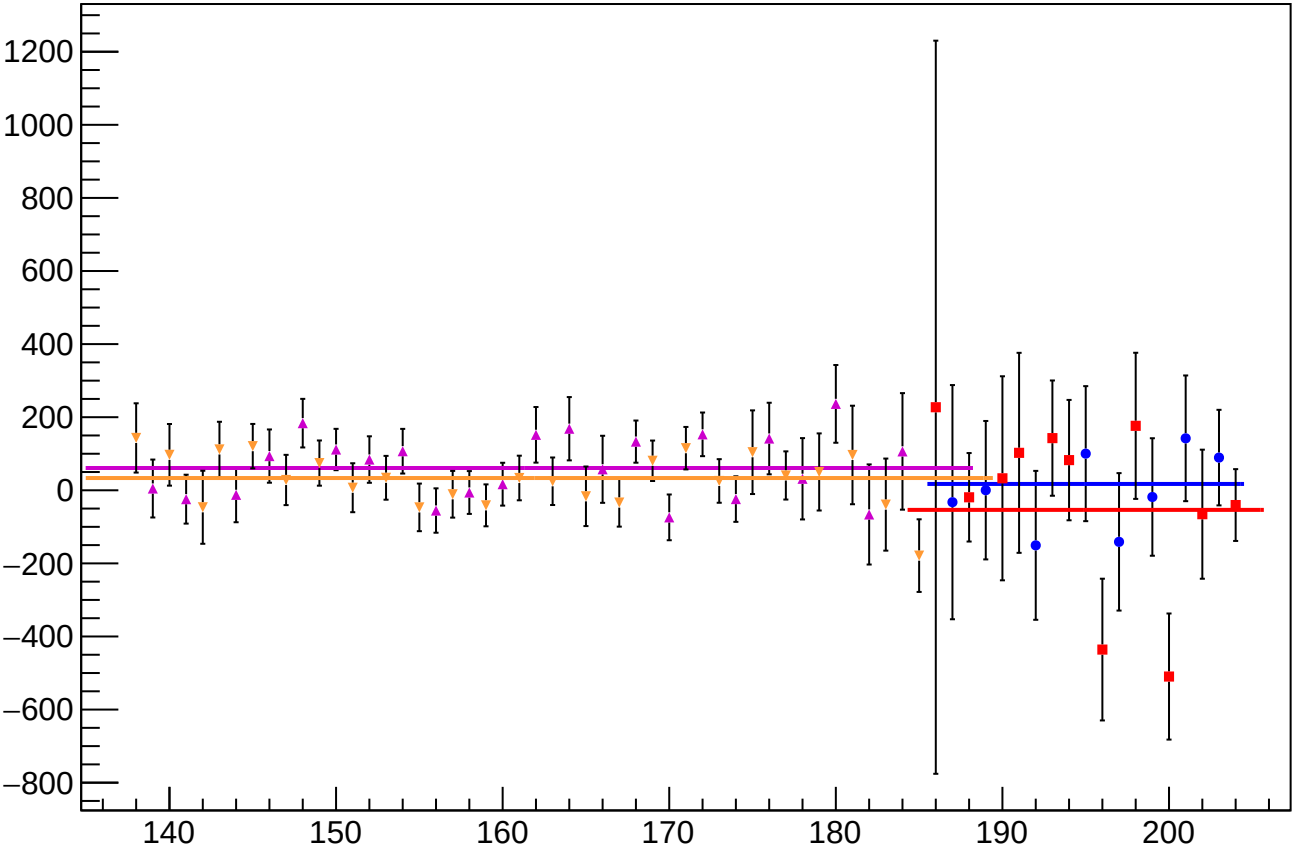
Right: 178.396+/-0.037 χ^2/NDF: 1068757.2/18

In: 134.134+/-0.020 χ^2/NDF:2221014.3/30

Out: 136.530+/-0.020 χ^2/NDF:3233322.6/35

All: 135.378+/-0.014 χ^2/NDF: 5461440.9/66

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 17.350+/-63.204 χ^2/NDF: 2.5/7

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: -53.601+/-50.418 χ^2/NDF: 15.0/10

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

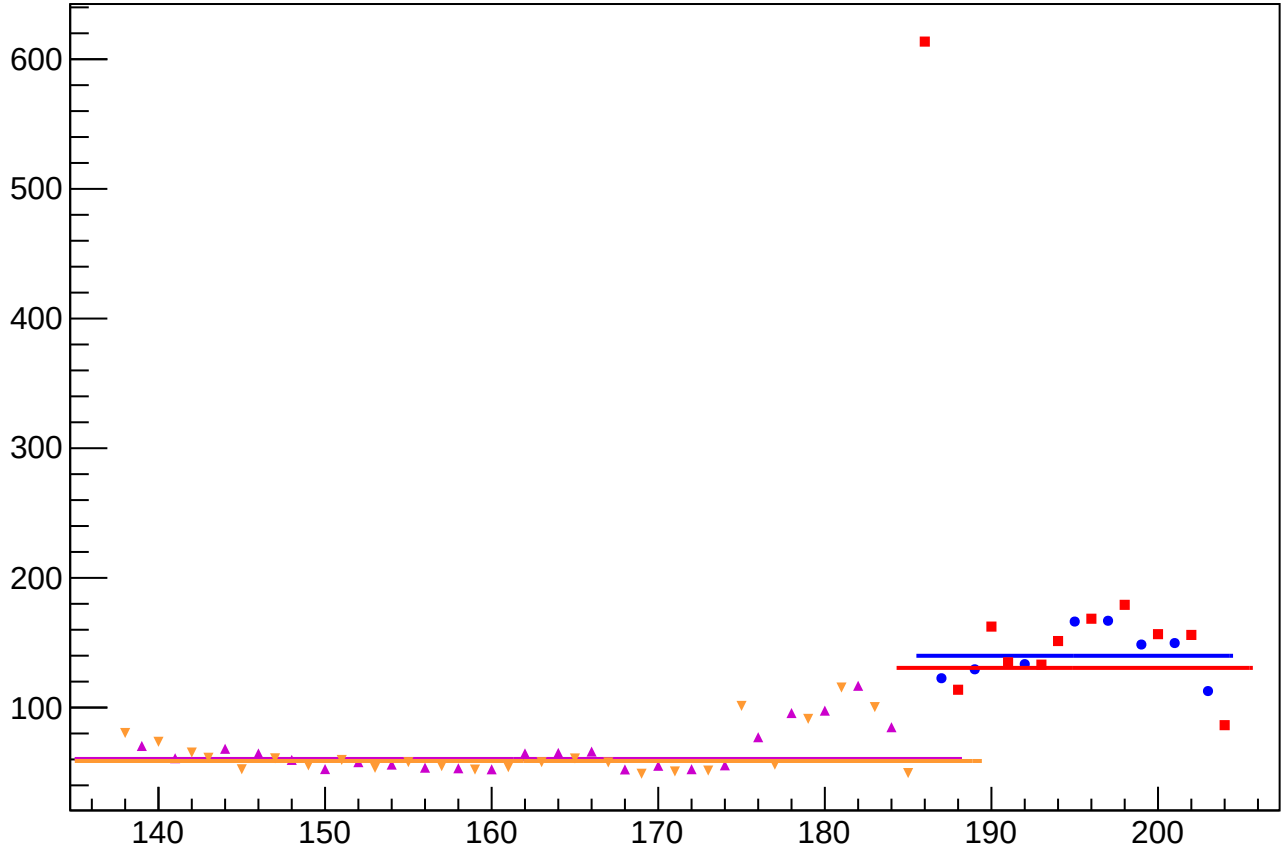
Right: -26.010+/-39.414 χ^2/NDF: 18.3/18

In: 58.712+/-14.446 χ^2/NDF:34.5/30

Out: 27.133+/-13.665 χ^2/NDF:37.5/35

All: 42.046+/-9.927 χ^2/NDF: 74.5/66

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 139.921+/-0.045 χ^2/NDF: 194921.2/7

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 130.584+/-0.036 χ^2/NDF: 1247206.6/10

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

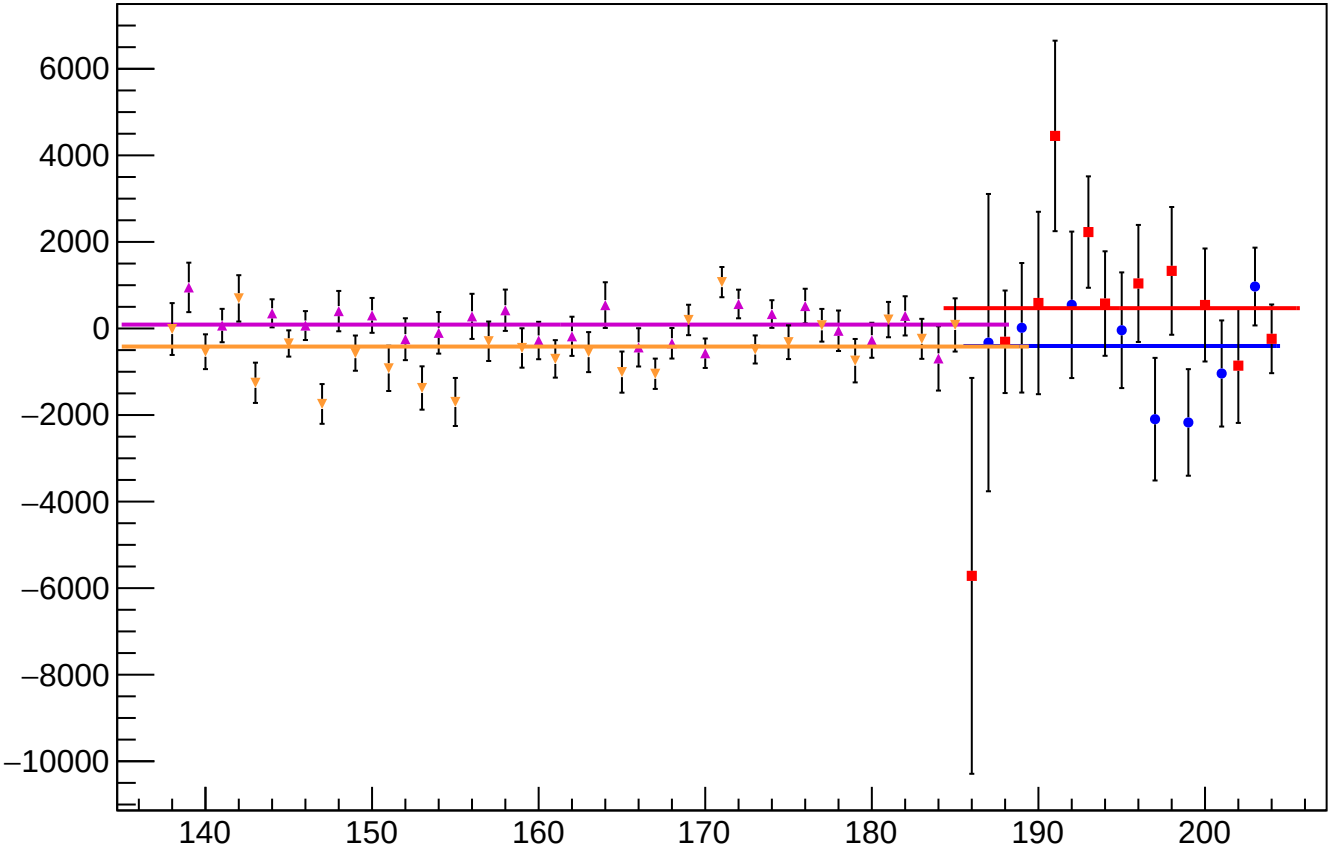
Right: 134.215+/-0.028 χ^2/NDF: 1468802.4/18

In: 64.512+/-0.010 χ^2/NDF:4416540.1/30

Out: 64.067+/-0.010 χ^2/NDF:6464968.1/35

All: 64.277+/-0.007 χ^2/NDF: 10882508.2/66

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -404.732+/-471.361 χ^2/NDF: 6.6/7

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 469.318+/-400.539 χ^2/NDF: 9.7/10

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

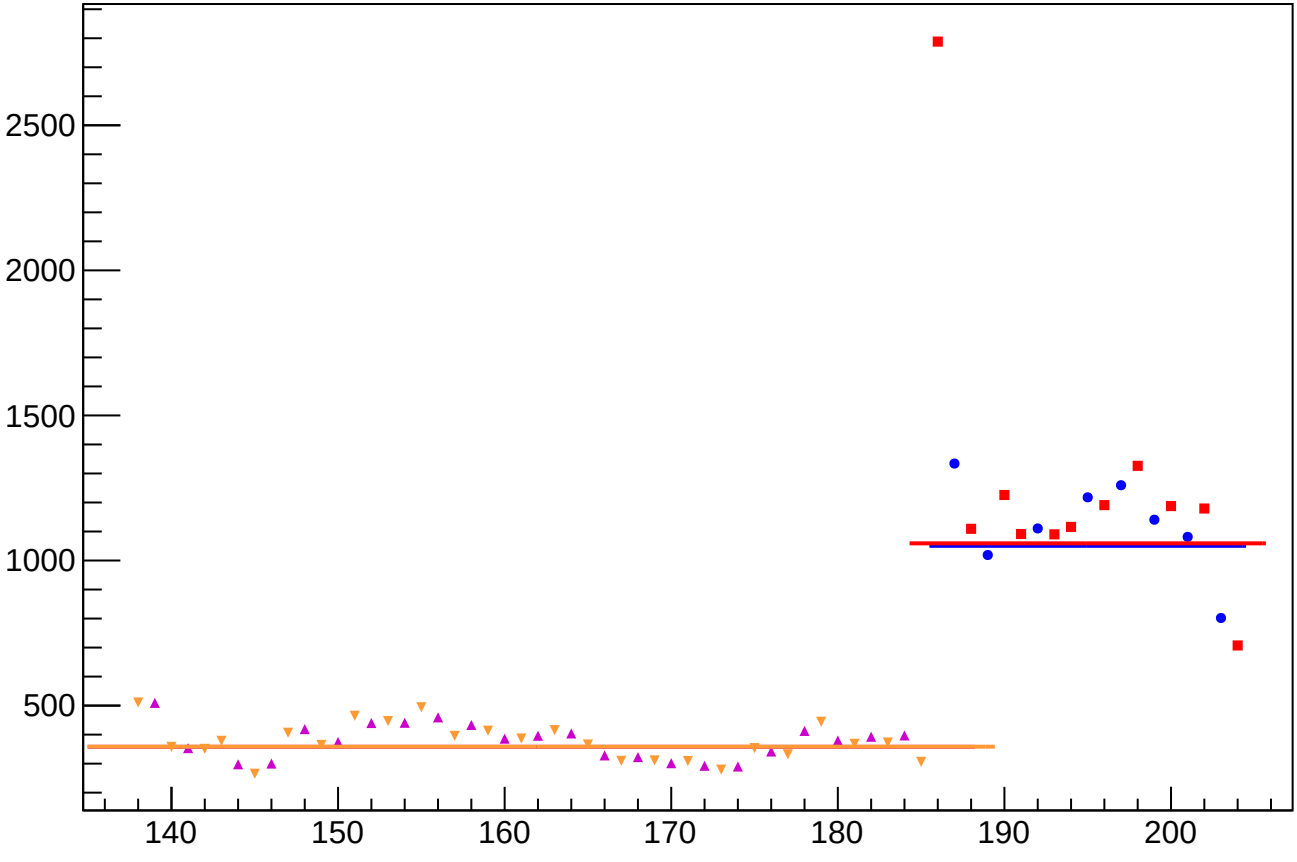
Right: 102.824+/-305.224 χ^2/NDF: 18.3/18

In: 73.425+/-85.021 χ^2/NDF:27.0/30

Out: -379.613+/-83.120 χ^2/NDF:72.9/35

All: -158.215+/-59.435 χ^2/NDF: 114.5/66

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1050.739+/-0.333 χ^2/NDF: 256825.3/7

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1059.194+/-0.283 χ^2/NDF: 821611.3/10

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

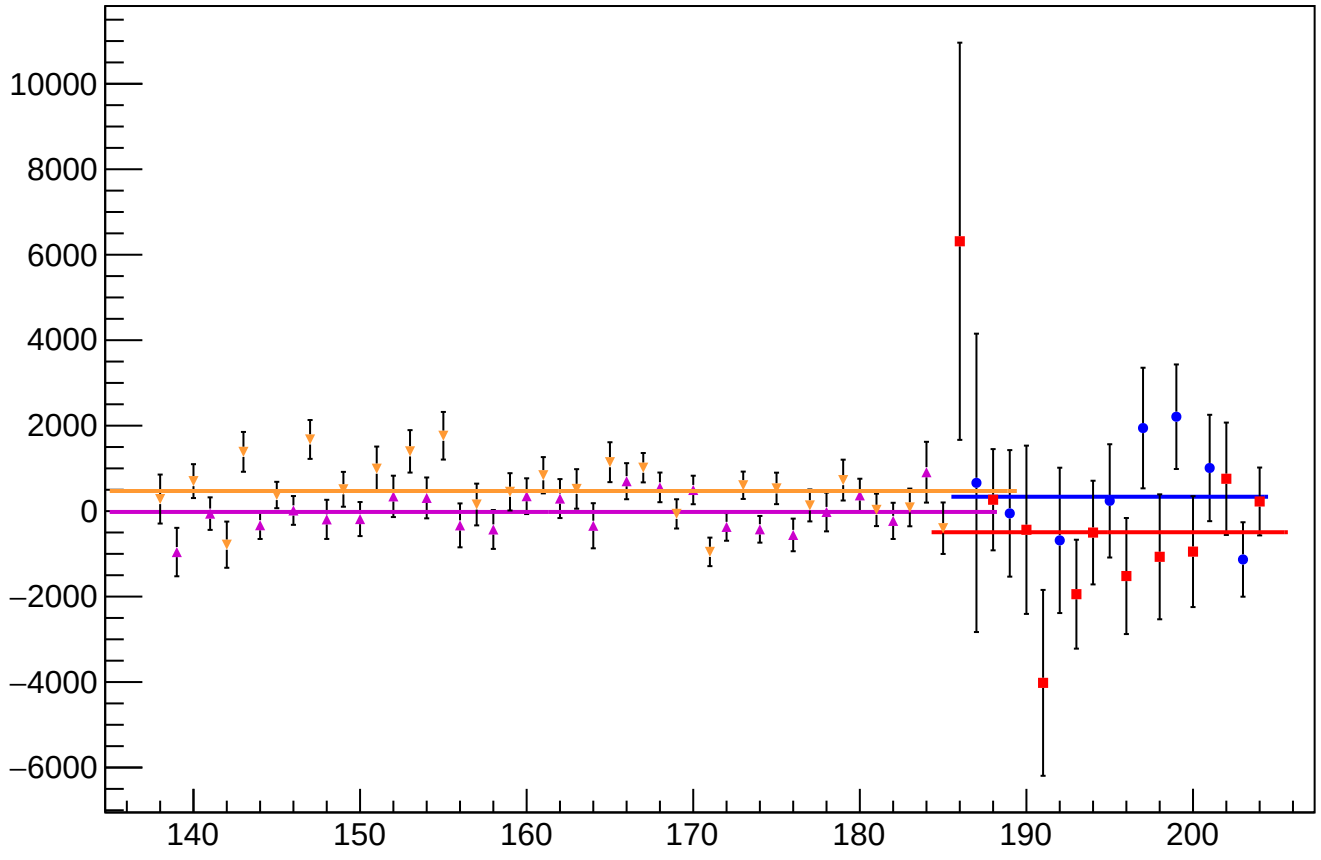
Right: 1055.649+/-0.216 χ^2/NDF: 1078810.3/18

In: 380.346+/-0.060 χ^2/NDF:5331790.9/30

Out: 388.530+/-0.059 χ^2/NDF:7693077.5/35

All: 384.531+/-0.042 χ^2/NDF: 13034345.2/66

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 336.441+/-466.927 χ^2/NDF: 7.2/7

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -493.942+/-398.647 χ^2/NDF: 9.1/10

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

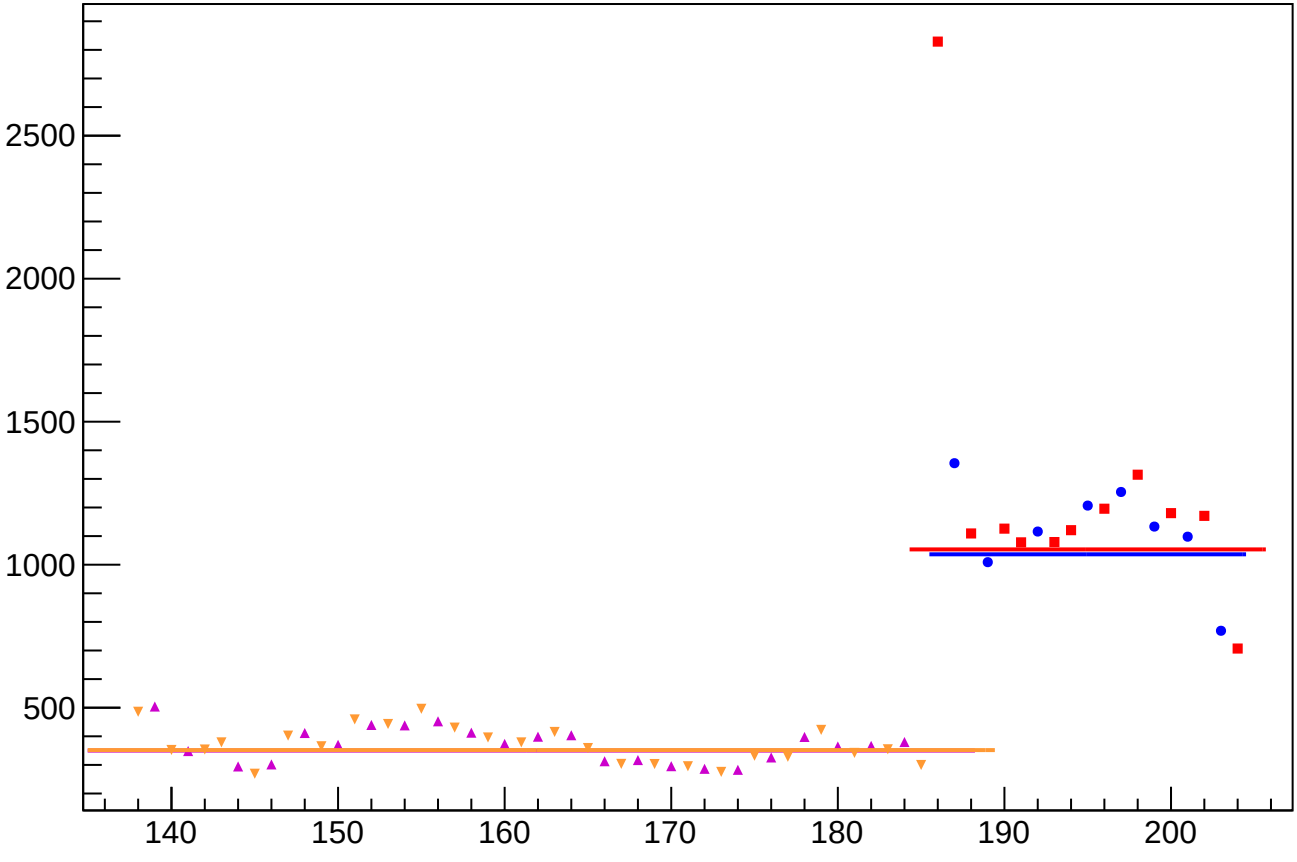
Right: -143.850+/-303.180 χ^2/NDF: 18.1/18

In: -7.999+/-83.320 χ^2/NDF:31.5/30

Out: 430.276+/-81.707 χ^2/NDF:73.3/35

All: 215.421+/-58.338 χ^2/NDF: 118.9/66

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1036.316+/-0.330 χ^2/NDF: 308266.1/7

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1053.487+/-0.282 χ^2/NDF: 808160.0/10

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

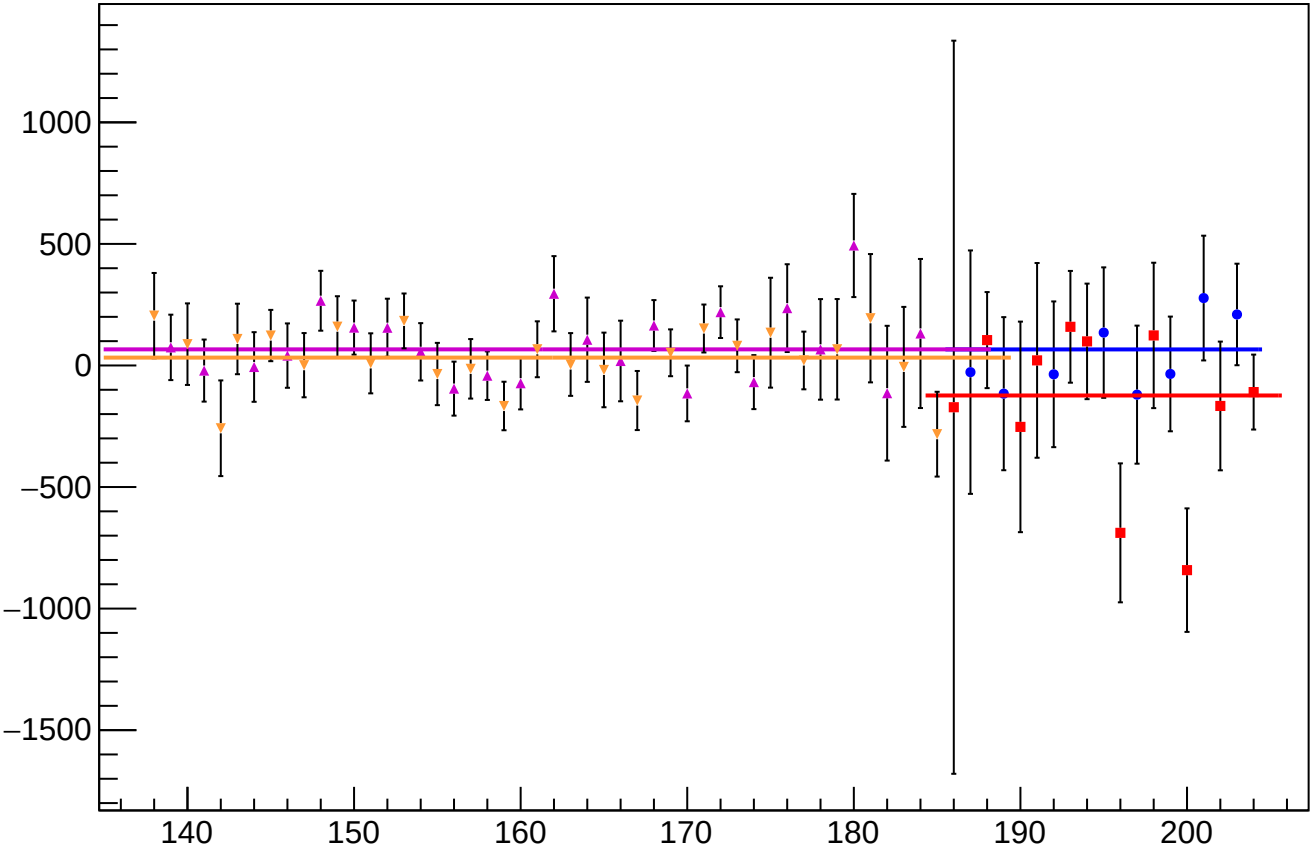
Right: 1046.248+/-0.214 χ^2/NDF: 1117990.6/18

In: 371.890+/-0.059 χ^2/NDF:5380624.1/30

Out: 381.255+/-0.058 χ^2/NDF:7761458.0/35

All: 376.664+/-0.041 χ^2/NDF: 13154964.4/66

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 66.010+/-96.403 χ^2/NDF: 2.3/7

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: -123.441+/-76.799 χ^2/NDF: 16.6/10

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

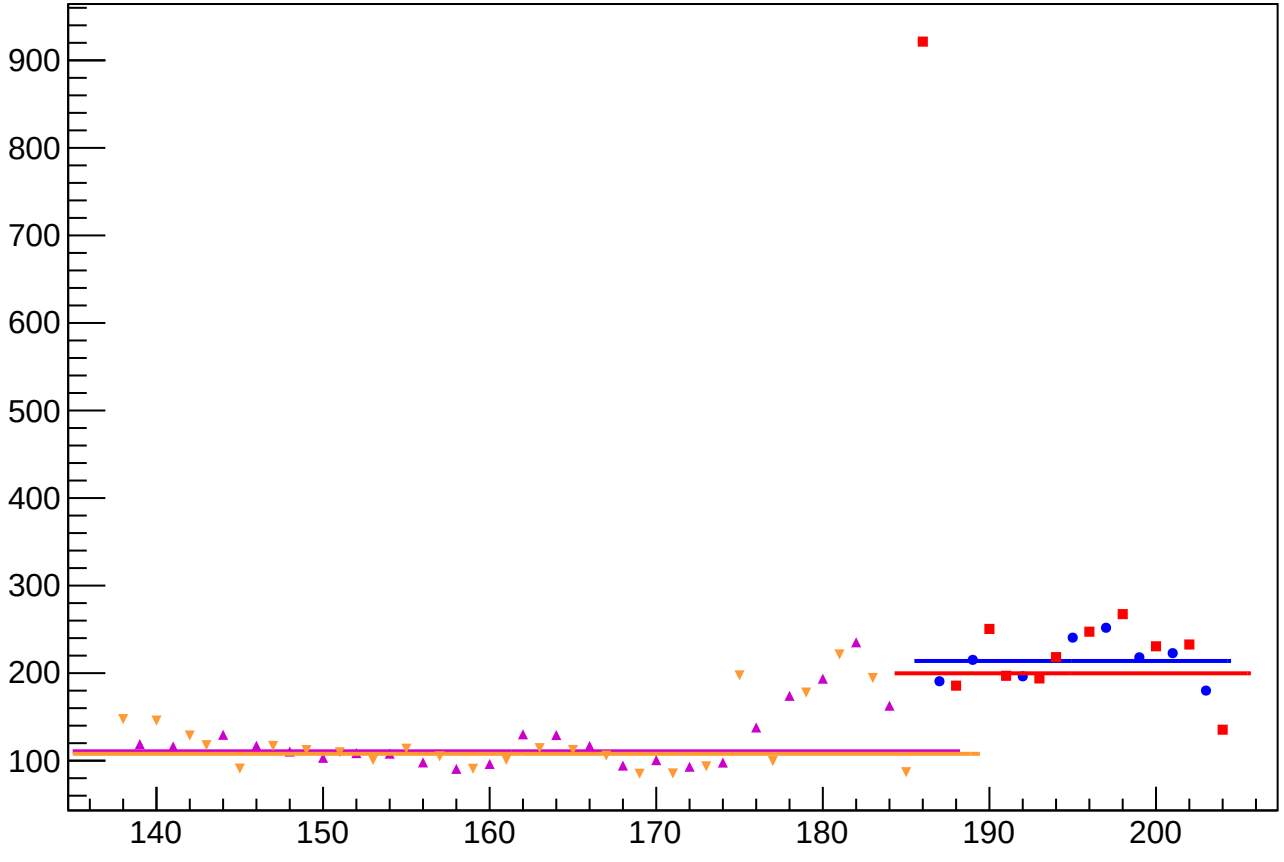
Right: -49.888+/-60.068 χ^2/NDF: 21.2/18

In: 66.236+/-26.401 χ^2/NDF:26.5/30

Out: 15.959+/-24.899 χ^2/NDF:39.8/35

All: 39.626+/-18.114 χ^2/NDF: 68.3/66

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 213.908+/-0.068 χ^2/NDF: 122166.7/7

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 199.801+/-0.054 χ^2/NDF: 1076438.4/10

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

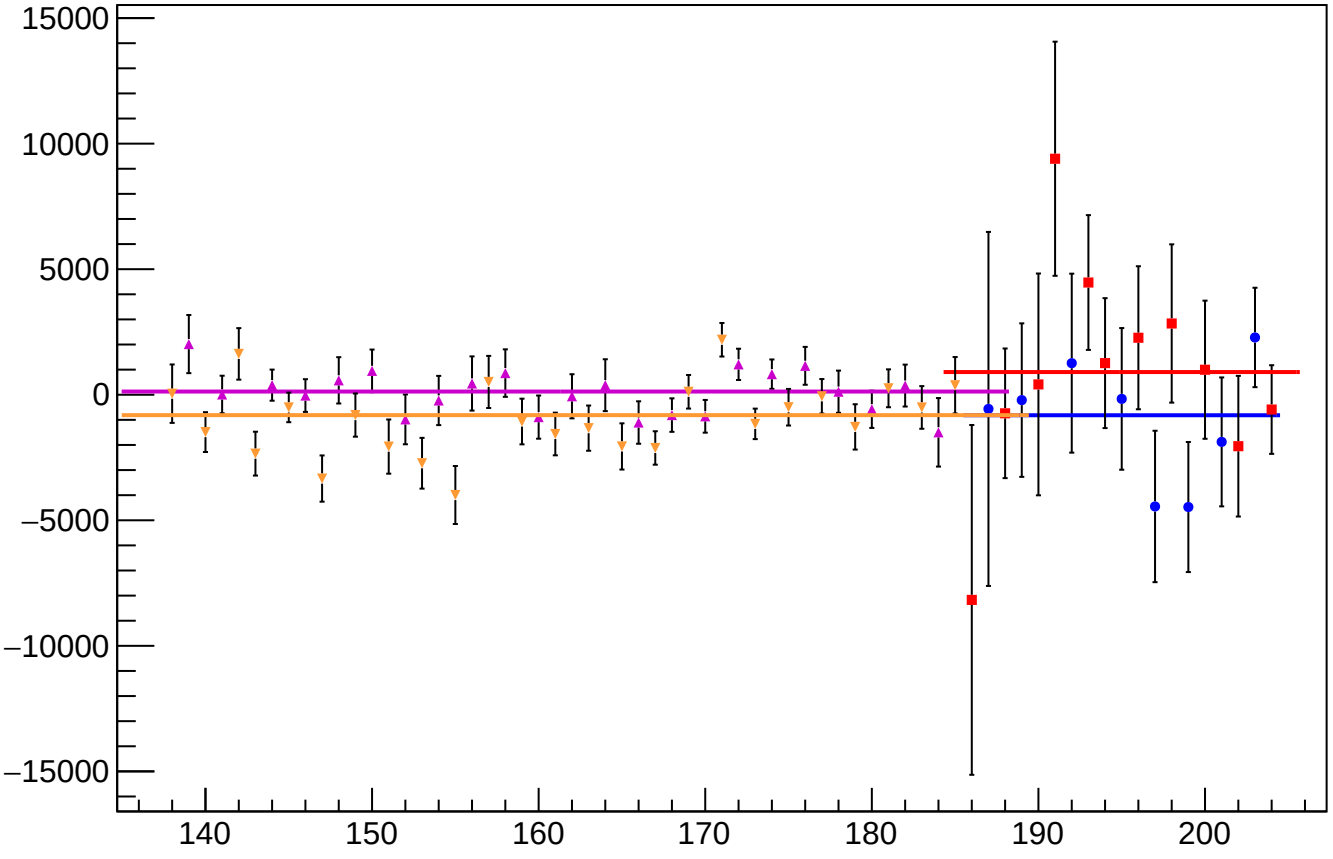
Right: 205.278+/-0.042 χ^2/NDF: 1224803.9/18

In: 118.432+/-0.019 χ^2/NDF:3649516.5/30

Out: 117.517+/-0.018 χ^2/NDF:5475765.7/35

All: 117.948+/-0.013 χ^2/NDF: 9126554.3/66

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -816.782+/-1001.212 χ^2/NDF: 6.5/7

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 903.527+/-857.300 χ^2/NDF: 9.7/10

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

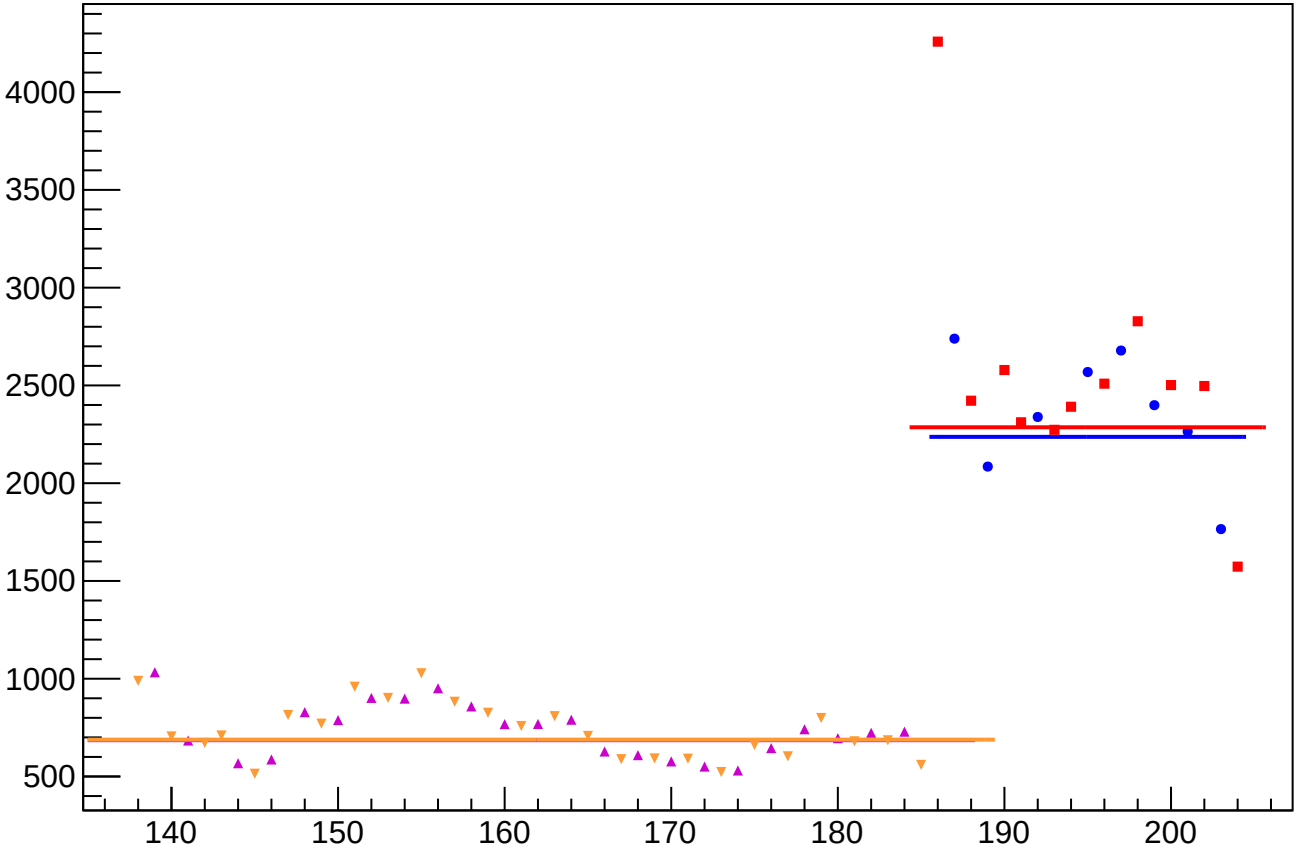
Right: 175.789+/-651.194 χ^2/NDF: 17.9/18

In: 102.075+/-164.060 χ^2/NDF:30.1/30

Out: -752.357+/-161.176 χ^2/NDF:79.7/35

All: -332.719+/-114.975 χ^2/NDF: 123.6/66

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2236.963+/-0.708 χ^2/NDF: 208879.9/7

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2285.909+/-0.606 χ^2/NDF: 599220.9/10

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

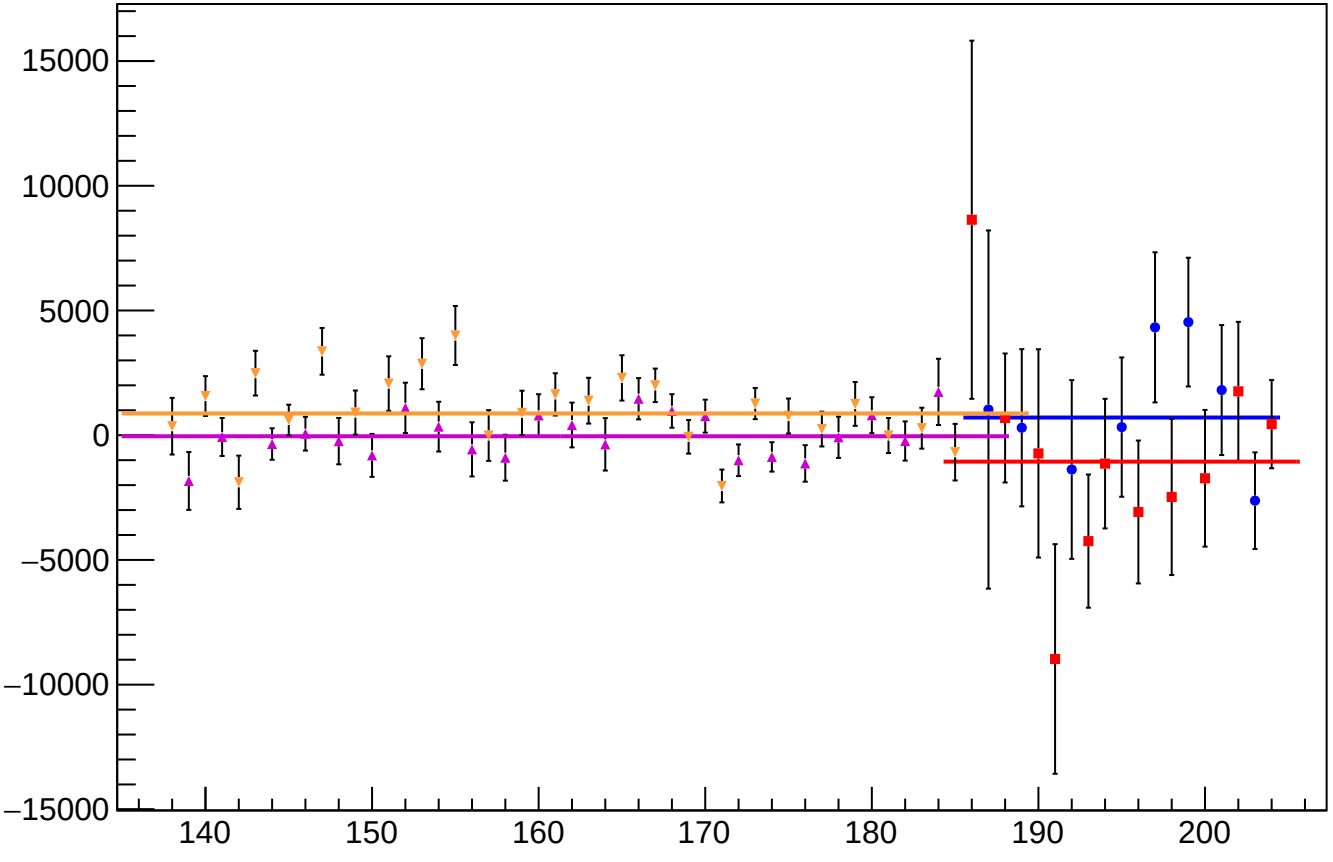
Right: 2265.203+/-0.460 χ^2/NDF: 810858.6/18

In: 727.385+/-0.116 χ^2/NDF:6037214.5/30

Out: 744.973+/-0.114 χ^2/NDF:8585175.8/35

All: 736.335+/-0.081 χ^2/NDF: 14634087.5/66

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 709.002+/-999.570 χ^2/NDF: 7.2/7

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -1058.777+/-855.027 χ^2/NDF: 9.2/10

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

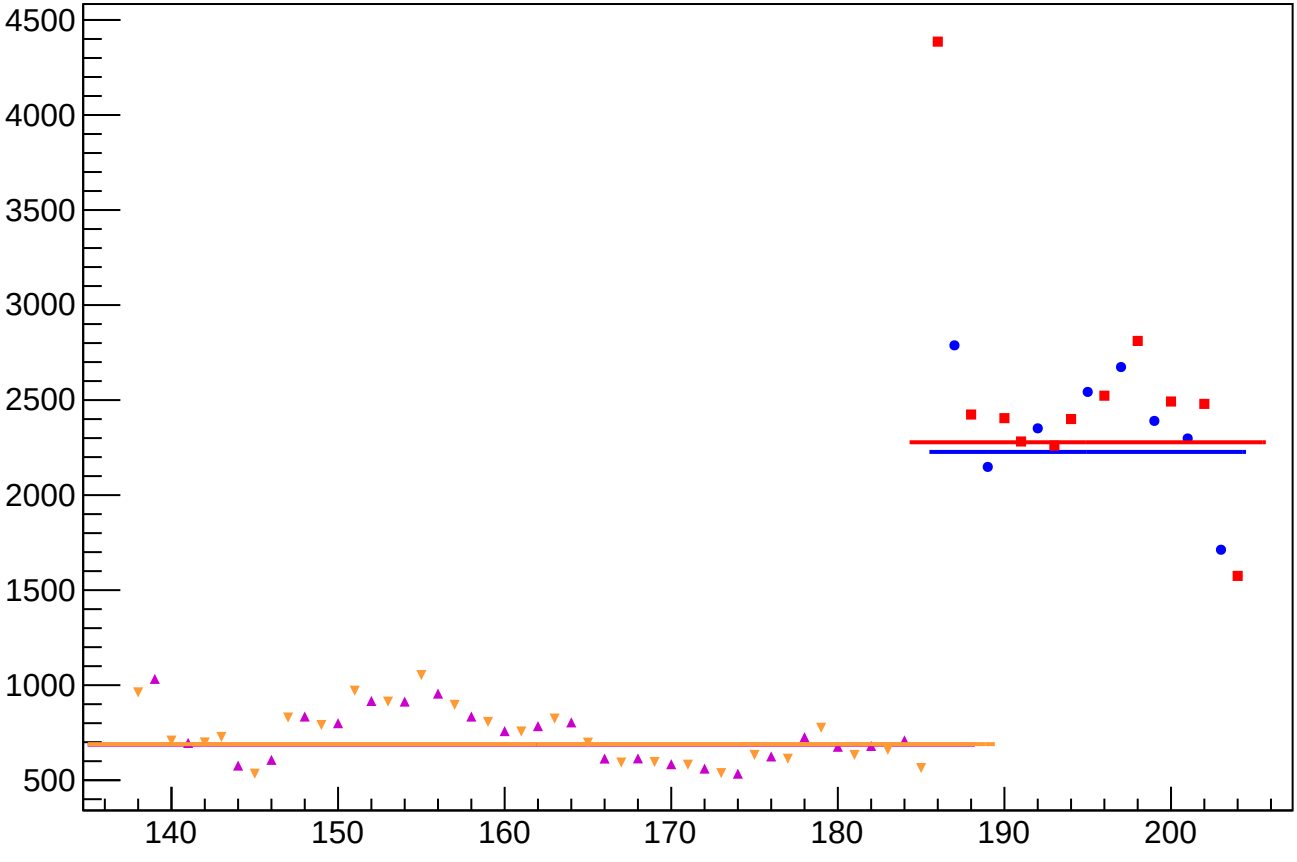
Right: -311.832+/-649.746 χ^2/NDF: 18.1/18

In: -21.206+/-164.456 χ^2/NDF:31.8/30

Out: 804.666+/-161.318 χ^2/NDF:78.2/35

All: 399.682+/-115.162 χ^2/NDF: 122.9/66

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2227.298+/-0.707 χ^2/NDF: 236278.2/7

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2278.074+/-0.605 χ^2/NDF: 596673.1/10

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

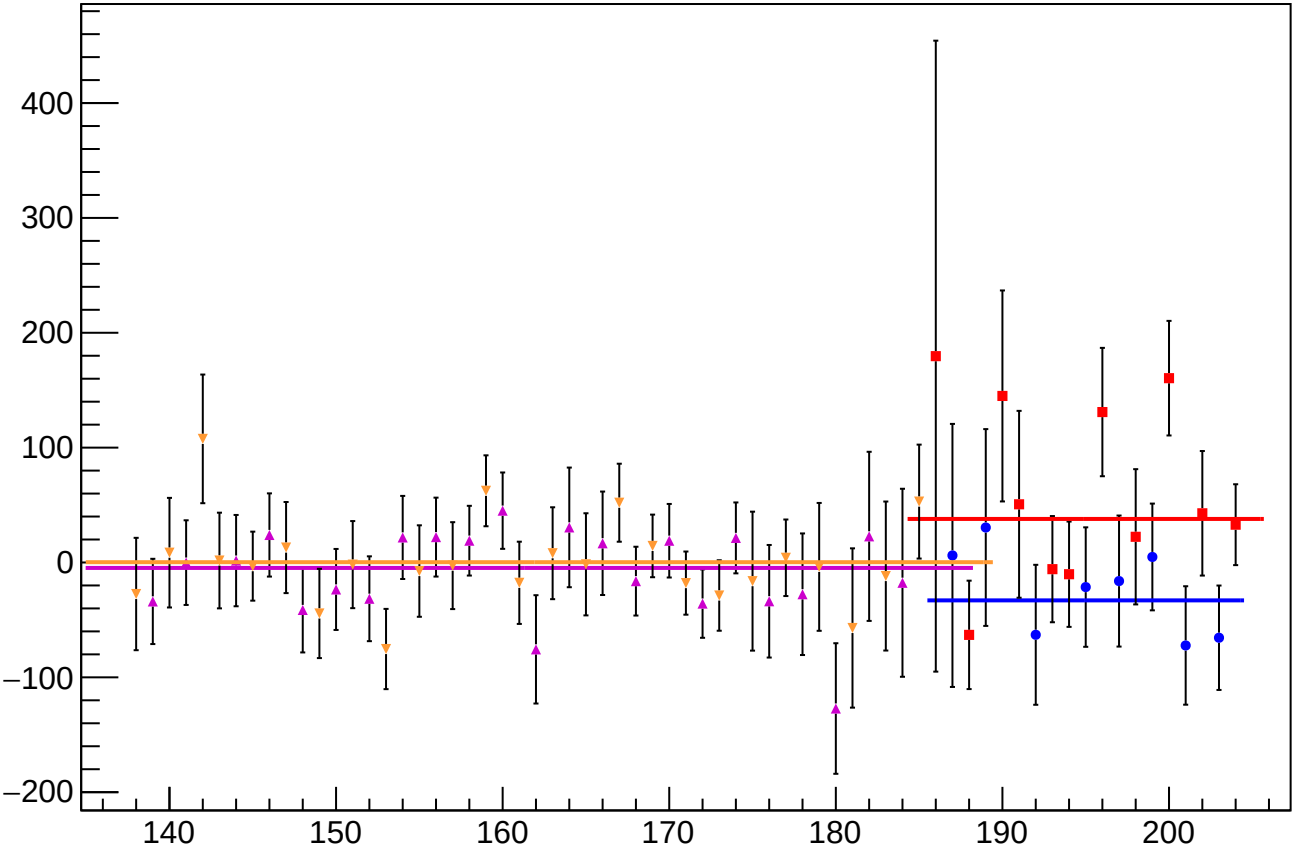
Right: 2256.619+/-0.459 χ^2/NDF: 835931.6/18

In: 728.639+/-0.116 χ^2/NDF:5973223.0/30

Out: 746.305+/-0.114 χ^2/NDF:8511056.7/35

All: 737.642+/-0.081 χ^2/NDF: 14496040.5/66

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -32.997+/-20.072 χ^2/NDF: 2.8/7

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: 37.912+/-16.151 χ^2/NDF: 17.1/10

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

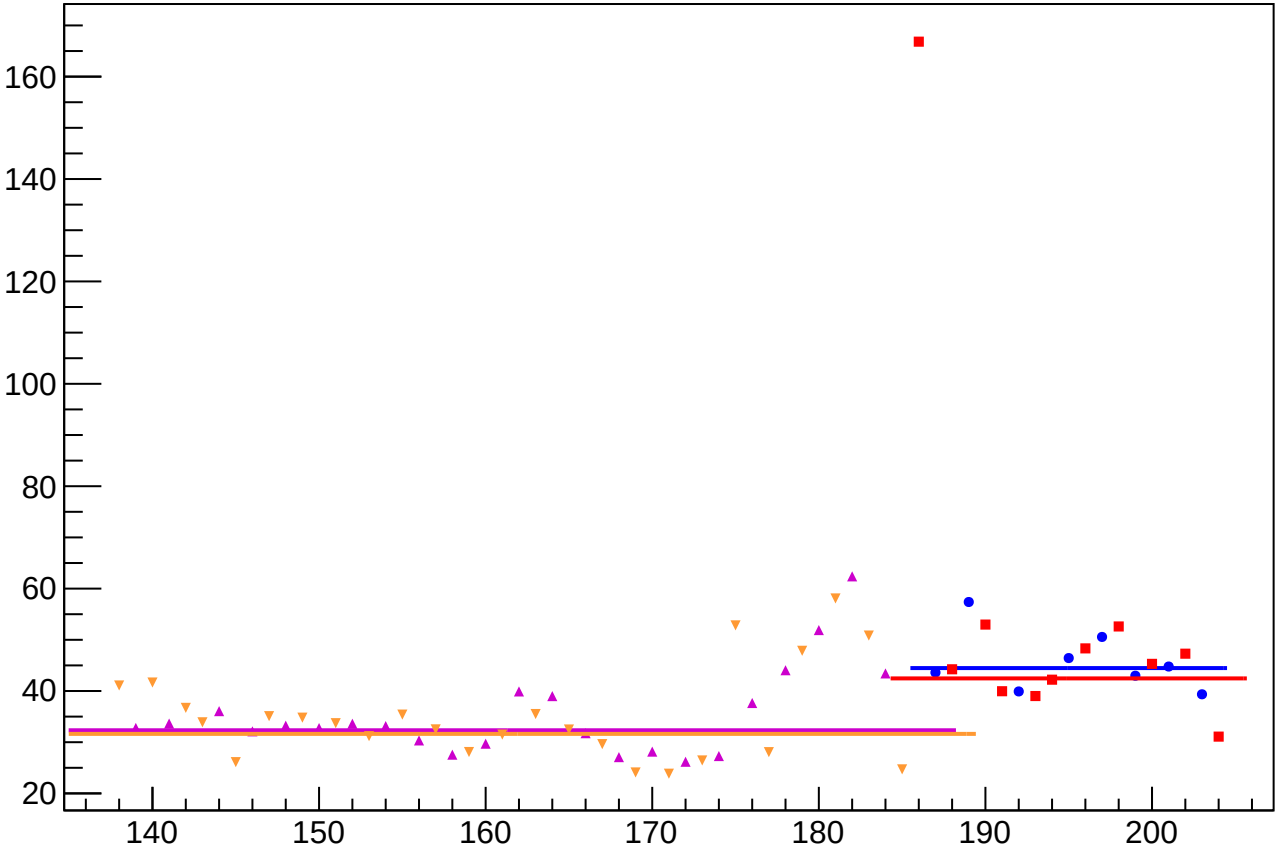
Right: 10.044+/-12.584 χ^2/NDF: 27.5/18

In: -8.597+/-7.412 χ^2/NDF:22.4/30

Out: 7.213+/-6.943 χ^2/NDF:42.0/35

All: -0.176+/-5.067 χ^2/NDF: 66.8/66

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 44.478+/-0.014 χ^2/NDF: 109789.8/7

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 42.461+/-0.011 χ^2/NDF: 764494.7/10

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

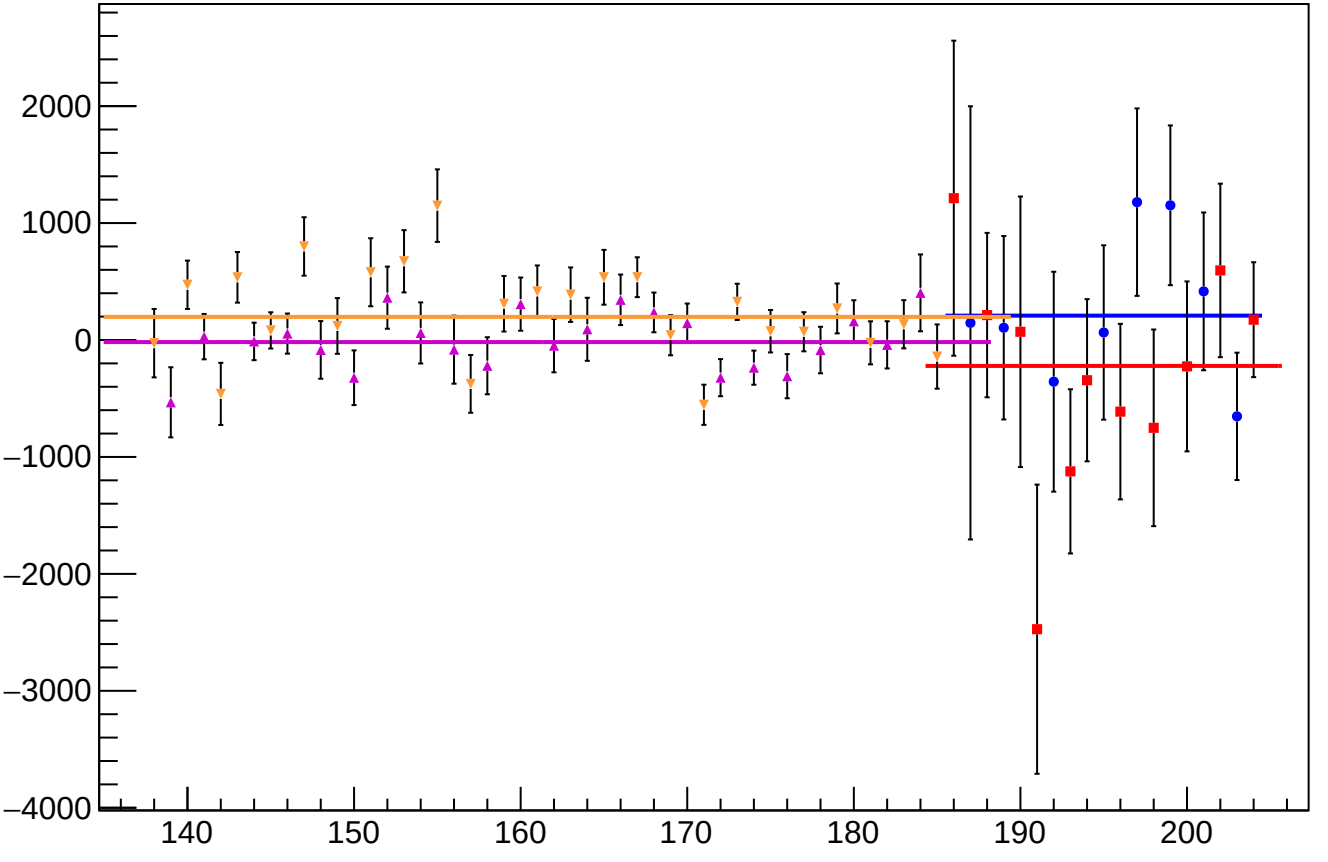
Right: 43.254+/-0.009 χ^2/NDF: 886541.7/18

In: 33.988+/-0.005 χ^2/NDF:1883857.5/30

Out: 33.627+/-0.005 χ^2/NDF:3171896.3/35

All: 33.796+/-0.004 χ^2/NDF: 5058273.0/66

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 208.430+/-266.153 χ^2/NDF: 6.4/7

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -221.449+/-228.647 χ^2/NDF: 9.1/10

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

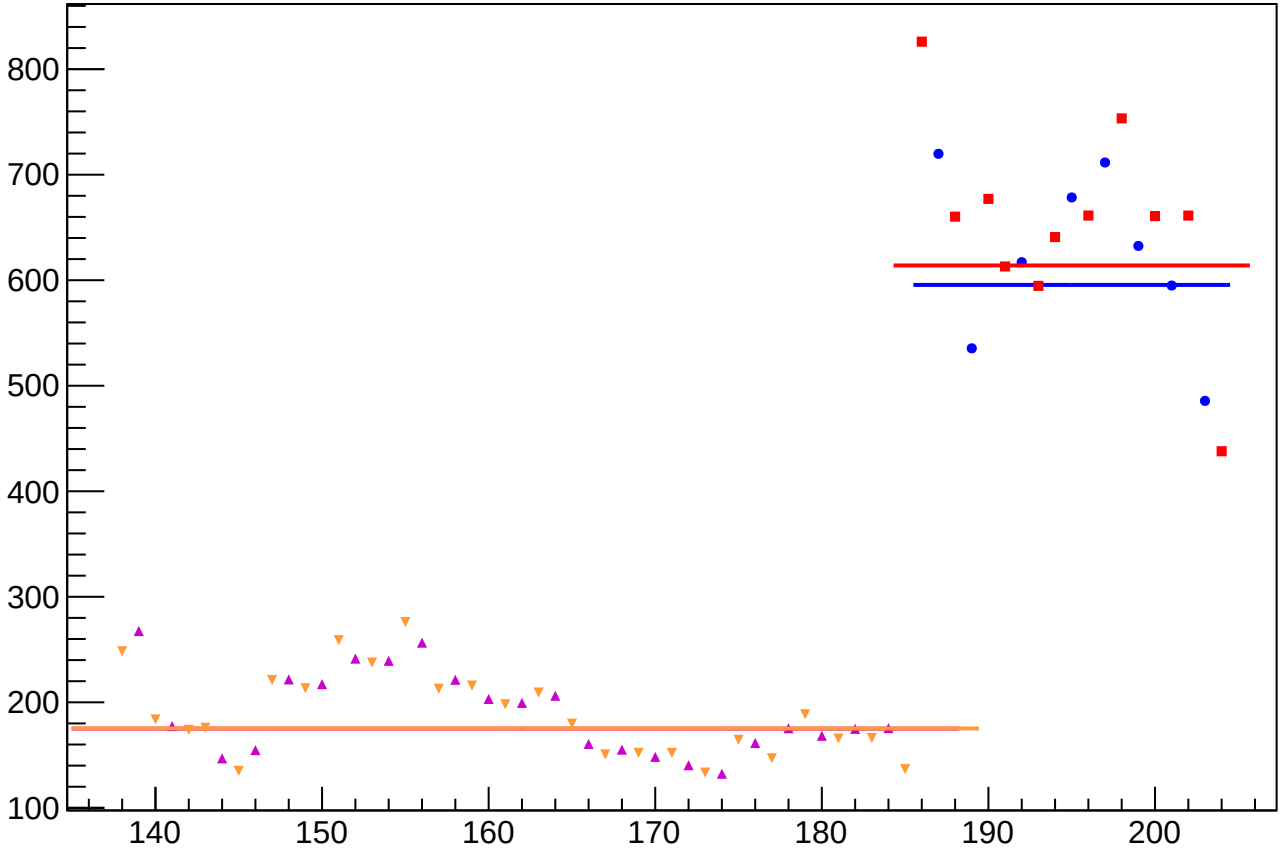
Right: -38.908+/-173.436 χ^2/NDF: 17.0/18

In: -12.098+/-42.041 χ^2/NDF:34.2/30

Out: 184.108+/-41.148 χ^2/NDF:82.2/35

All: 88.111+/-29.407 χ^2/NDF: 127.5/66

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 595.534+/-0.188 χ^2/NDF: 175700.2/7

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 613.978+/-0.162 χ^2/NDF: 404831.4/10

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

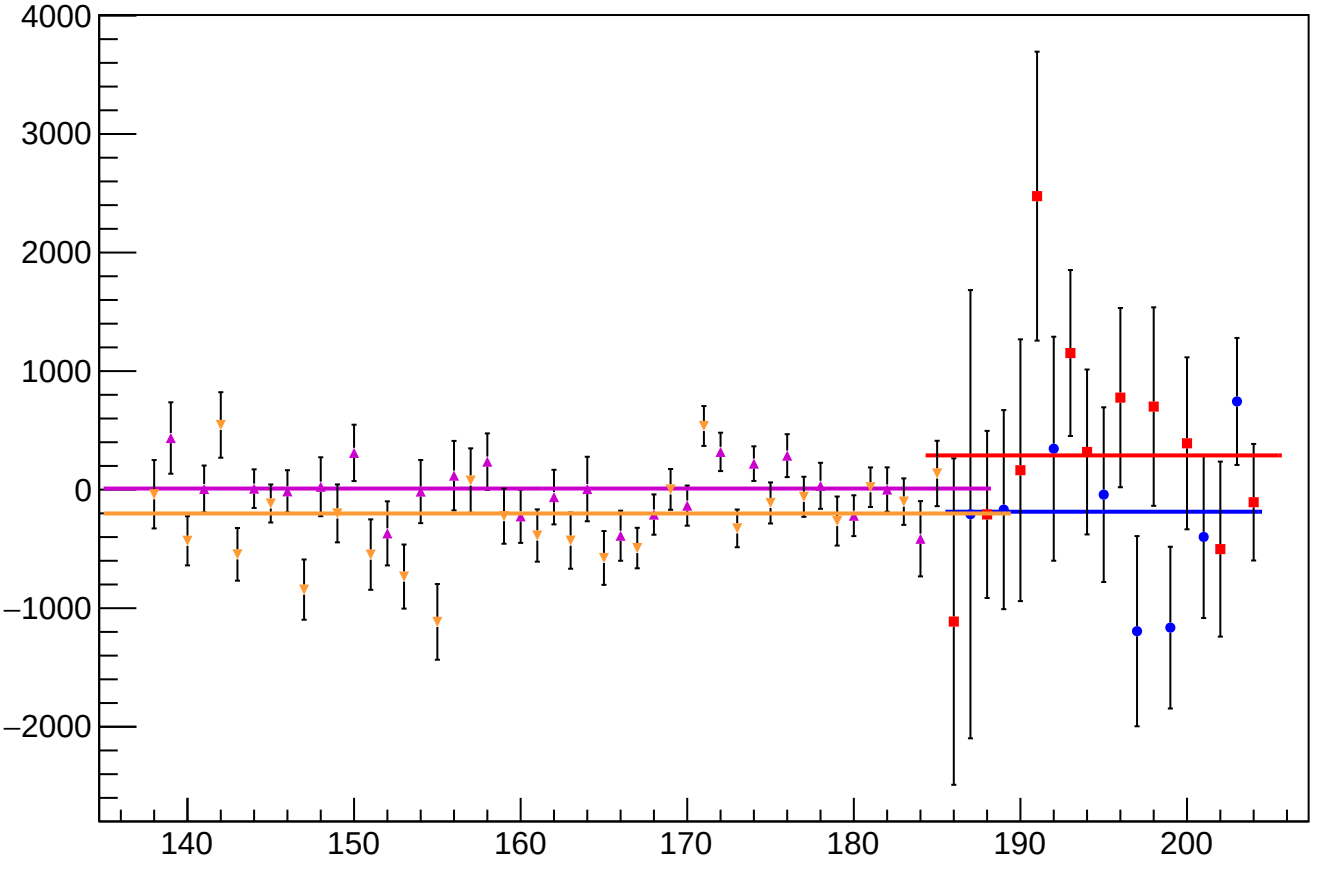
Right: 606.146+/-0.123 χ^2/NDF: 586058.0/18

In: 185.542+/-0.030 χ^2/NDF:6382791.7/30

Out: 189.418+/-0.029 χ^2/NDF:8949550.8/35

All: 187.522+/-0.021 χ^2/NDF: 15341021.8/66

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -186.163+/-267.395 χ^2/NDF: 7.1/7

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 288.859+/-228.267 χ^2/NDF: 8.8/10

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

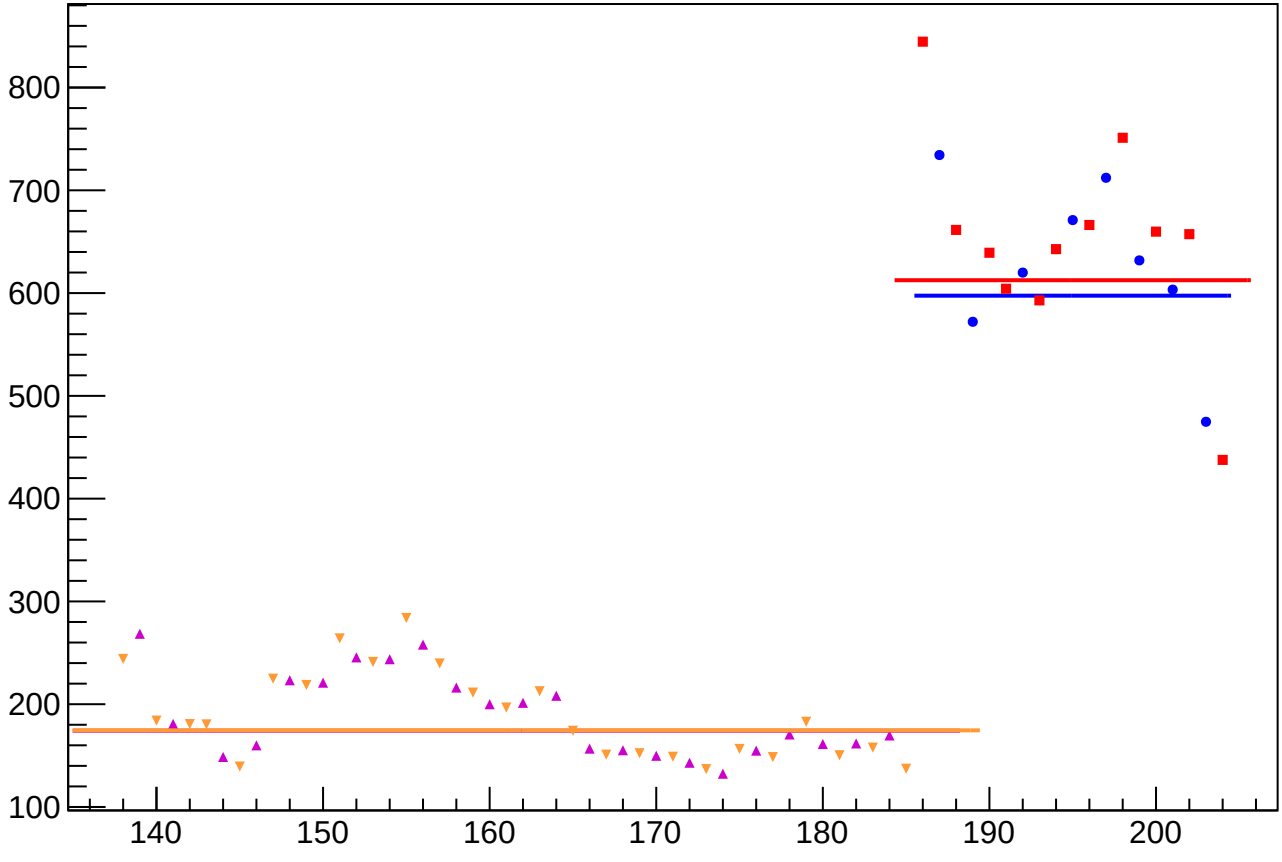
Right: 88.615+/-173.611 χ^2/NDF: 17.7/18

In: 4.579+/-41.912 χ^2/NDF:33.0/30

Out: -185.082+/-41.061 χ^2/NDF:78.7/35

All: -92.198+/-29.331 χ^2/NDF: 122.2/66

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 597.479+/-0.189 χ^2/NDF: 184429.2/7

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 612.527+/-0.161 χ^2/NDF: 406870.6/10

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

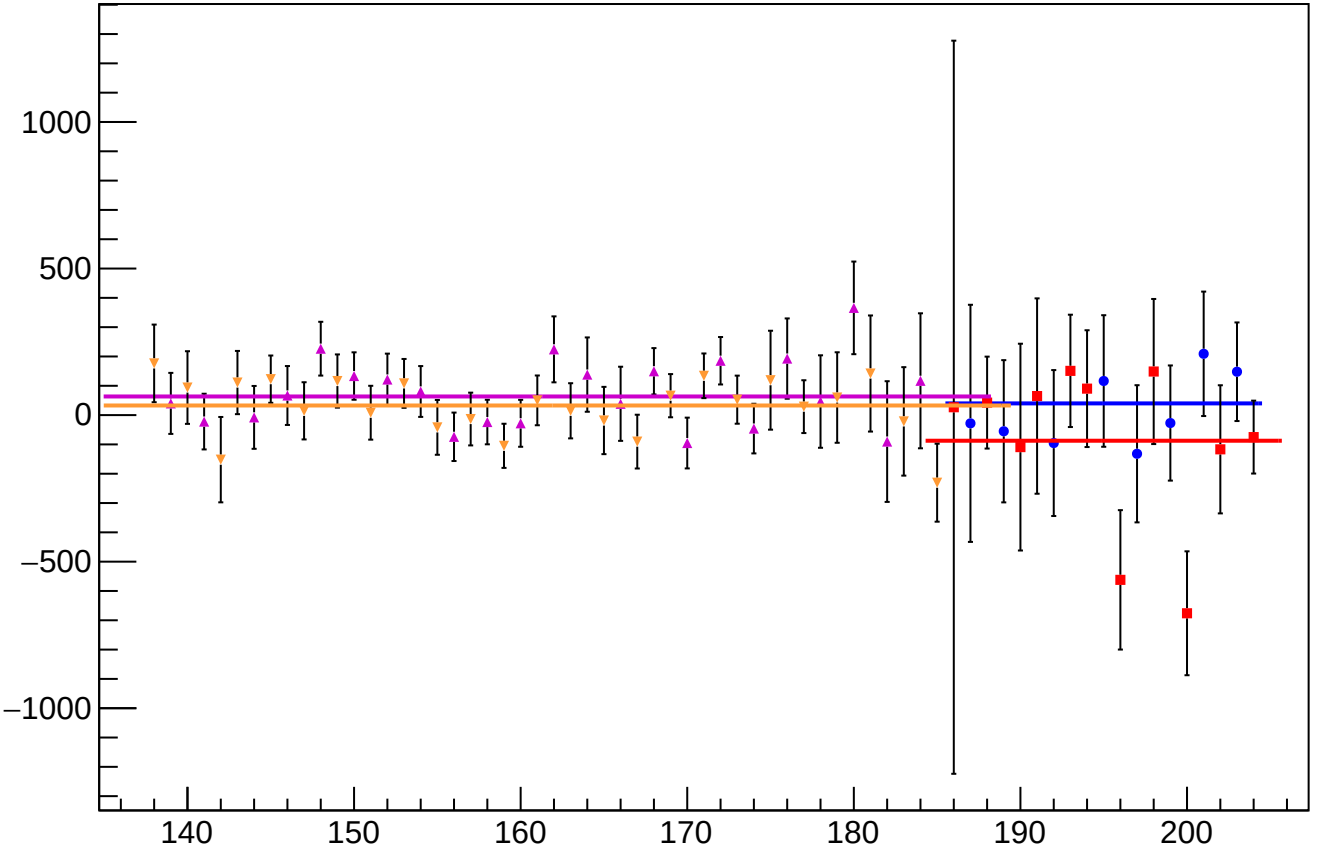
Right: 606.183+/-0.123 χ^2/NDF: 594963.9/18

In: 184.616+/-0.030 χ^2/NDF:6437110.4/30

Out: 188.738+/-0.029 χ^2/NDF:9063855.8/35

All: 186.719+/-0.021 χ^2/NDF: 15510836.5/66

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 39.934+/-78.856 χ^2/NDF: 2.3/7

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: -87.435+/-62.897 χ^2/NDF: 15.9/10

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

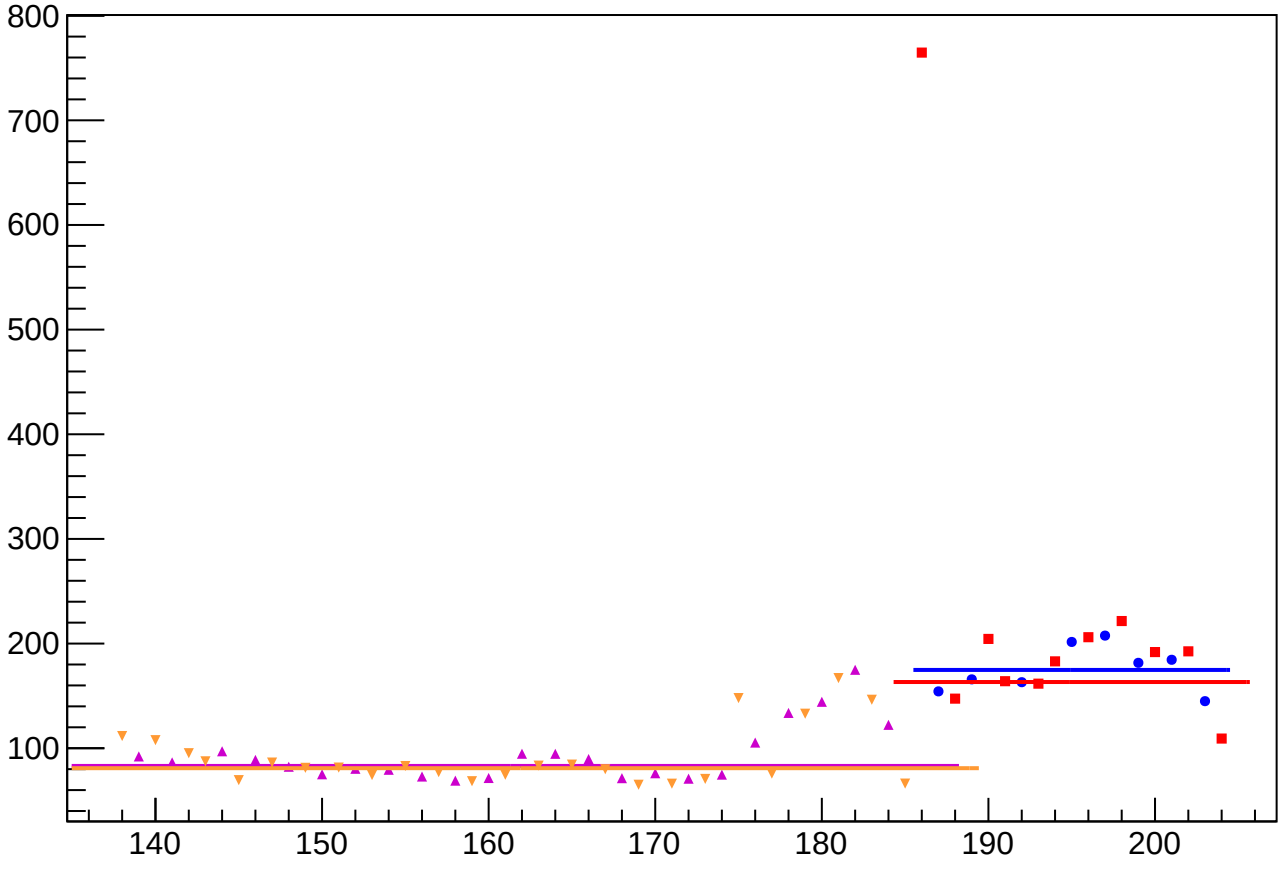
Right: -37.910+/-49.172 χ^2/NDF: 19.8/18

In: 62.060+/-19.907 χ^2/NDF:29.5/30

Out: 22.047+/-18.804 χ^2/NDF:38.8/35

All: 40.915+/-13.670 χ^2/NDF: 70.5/66

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 174.807+/-0.056 χ^2/NDF: 149532.5/7

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 163.263+/-0.044 χ^2/NDF: 1156078.6/10

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

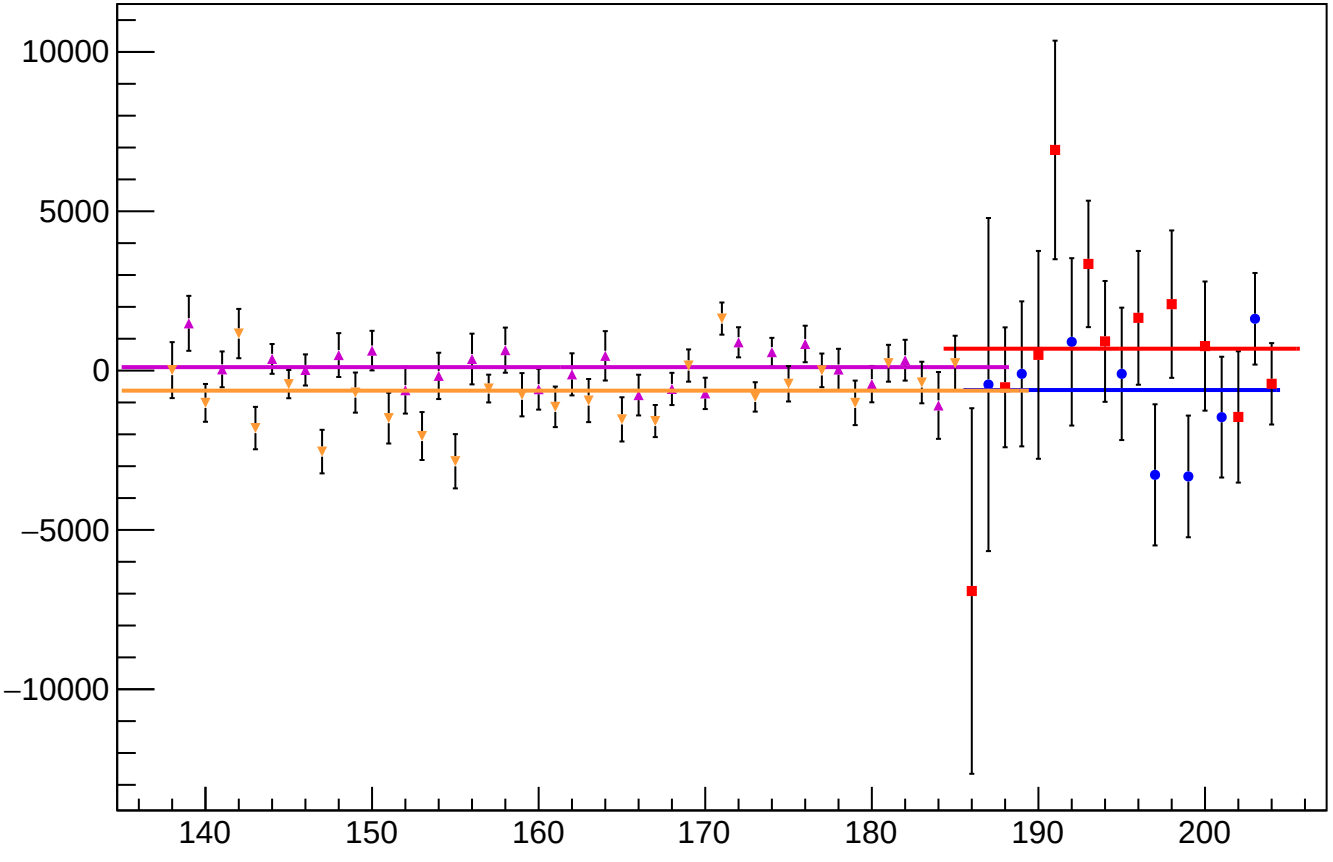
Right: 167.751+/-0.035 χ^2/NDF: 1331808.2/18

In: 88.917+/-0.014 χ^2/NDF:4088865.8/30

Out: 88.286+/-0.013 χ^2/NDF:6037905.2/35

All: 88.583+/-0.010 χ^2/NDF: 10127833.8/66

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -609.801+/-735.839 χ^2/NDF: 6.5/7

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 687.143+/-628.731 χ^2/NDF: 9.7/10

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

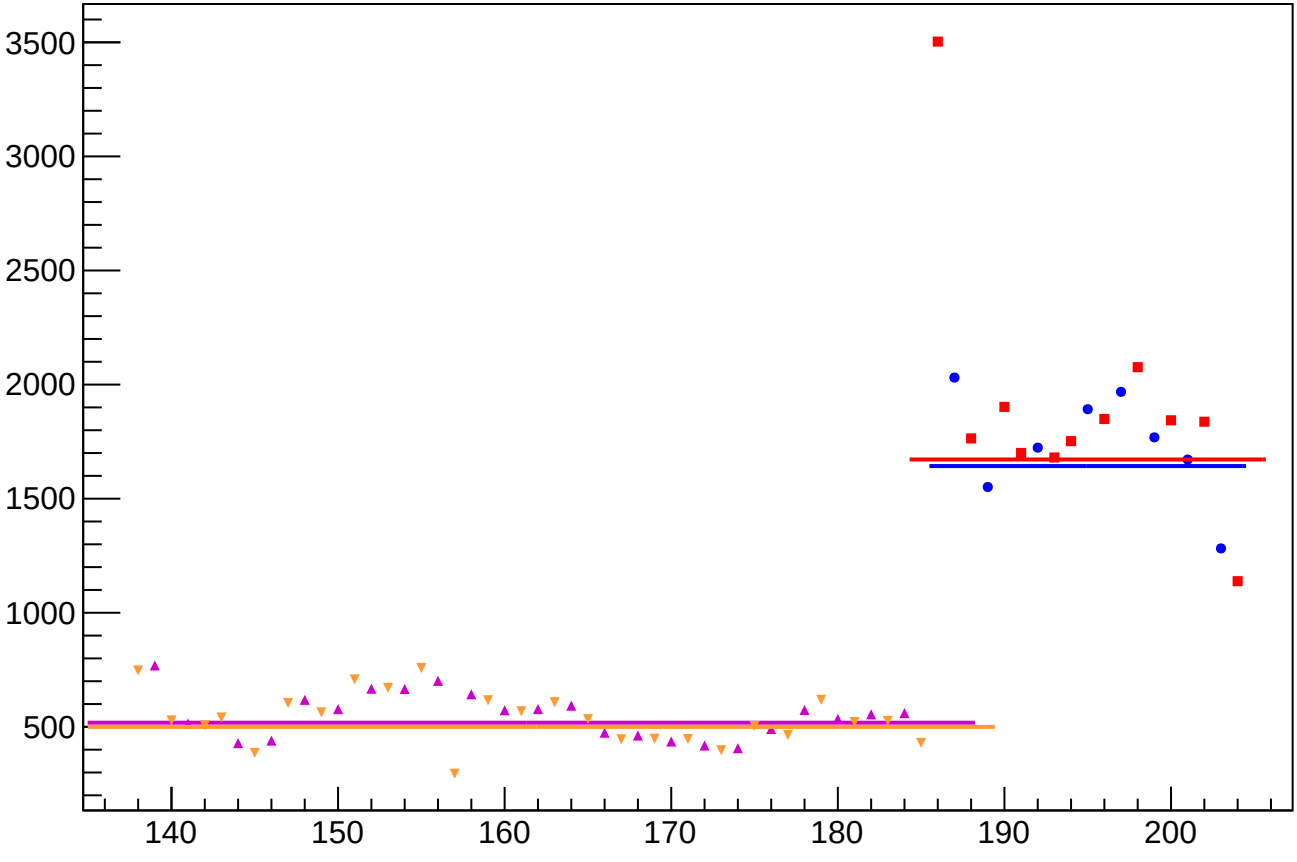
Right: 139.848+/-478.005 χ^2/NDF: 18.0/18

In: 88.500+/-123.740 χ^2/NDF:28.9/30

Out: -582.293+/-118.448 χ^2/NDF:77.1/35

All: -261.545+/-85.565 χ^2/NDF: 121.3/66

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 1642.950+/-0.520 χ^2/NDF: 223195.7/7

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1671.841+/-0.445 χ^2/NDF: 673912.4/10

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

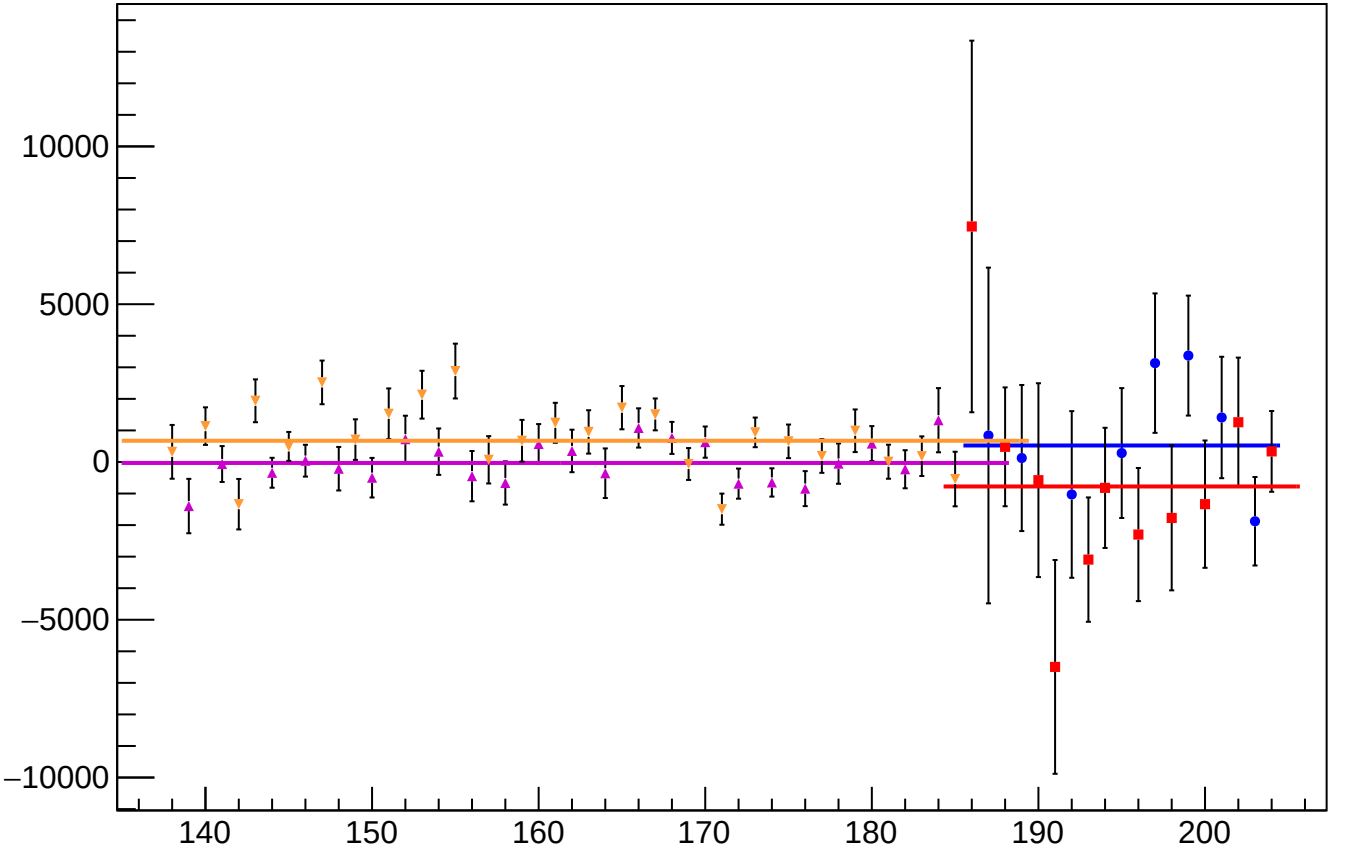
Right: 1659.649+/-0.338 χ^2/NDF: 898890.1/18

In: 550.049+/-0.087 χ^2/NDF:5835488.0/30

Out: 541.410+/-0.084 χ^2/NDF:9003647.7/35

All: 545.541+/-0.061 χ^2/NDF: 14844222.4/66

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 522.616+/-732.857 χ^2/NDF: 7.2/7

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -776.254+/-626.696 χ^2/NDF: 9.2/10

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

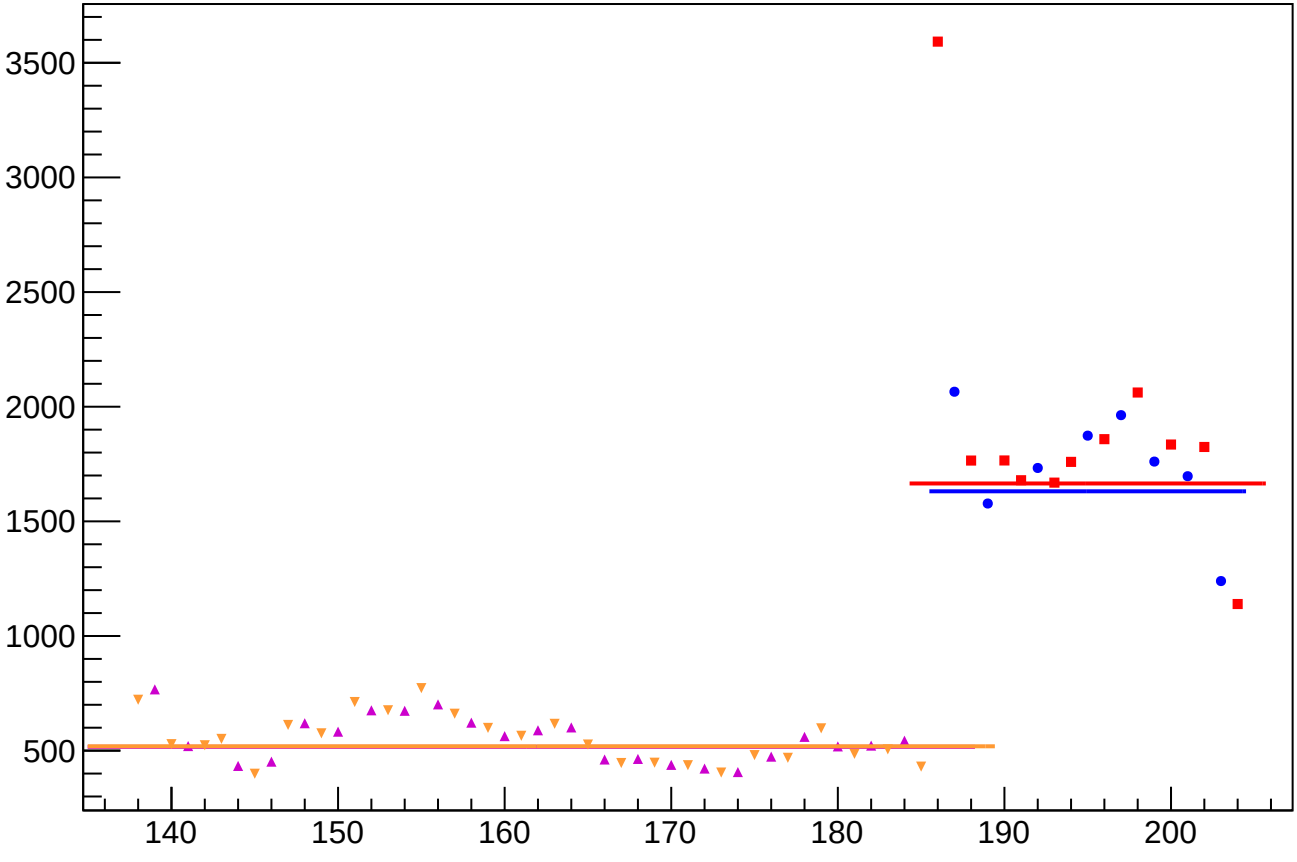
Right: -227.627+/-476.294 χ^2/NDF: 18.2/18

In: -15.346+/-123.447 χ^2/NDF:31.6/30

Out: 618.400+/-121.102 χ^2/NDF:77.1/35

All: 307.605+/-86.449 χ^2/NDF: 122.1/66

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1631.071+/-0.518 χ^2/NDF: 257864.4/7

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1665.230+/-0.443 χ^2/NDF: 667231.9/10

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

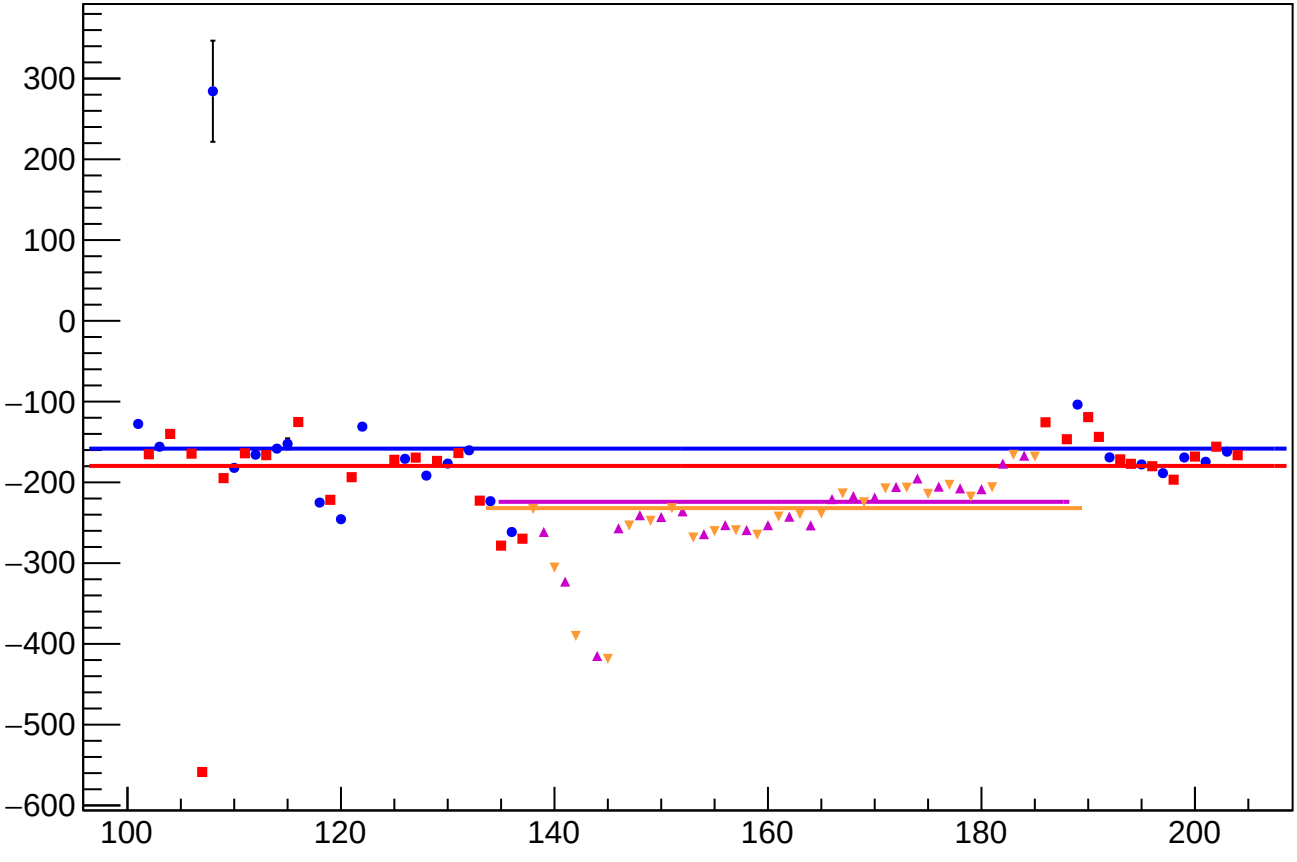
Right: 1650.802+/-0.337 χ^2/NDF: 927606.2/18

In: 548.216+/-0.087 χ^2/NDF:5787953.8/30

Out: 561.739+/-0.086 χ^2/NDF:8281267.6/35

All: 555.107+/-0.061 χ^2/NDF: 14081450.5/66

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 127132.4/22

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -179.640+/-0.087 χ^2/NDF: 169145.7/27

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

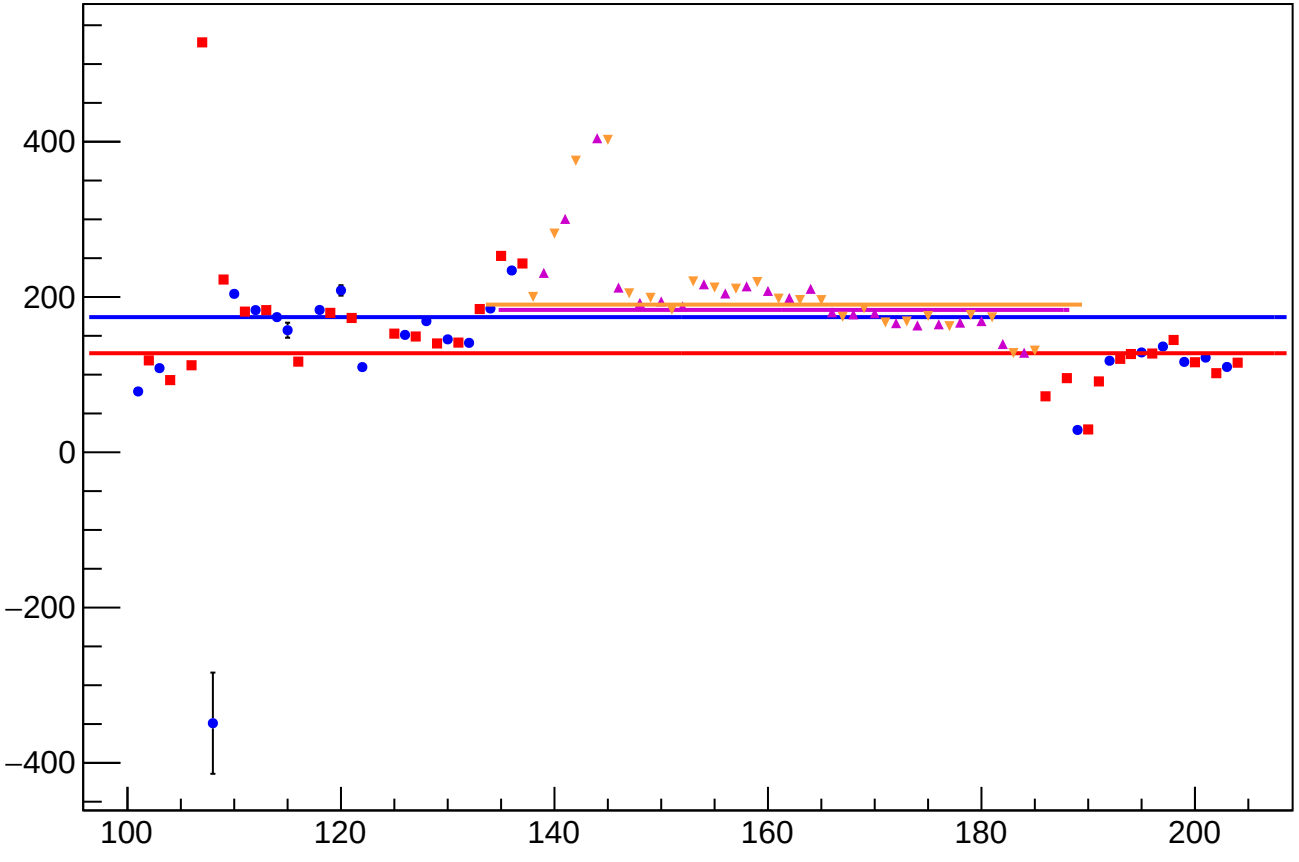
Right: -158.222+/-0.000 χ^2/NDF: 356758.8/50

In: -158.222+/-0.000 χ^2/NDF:729803.1/45

Out: -200.199+/-0.068 χ^2/NDF:421280.0/51

All: -158.222+/-0.000 χ^2/NDF: 1534066.6/97

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 170452.8/22

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 127.586+/-0.088 χ^2/NDF: 165200.6/27

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

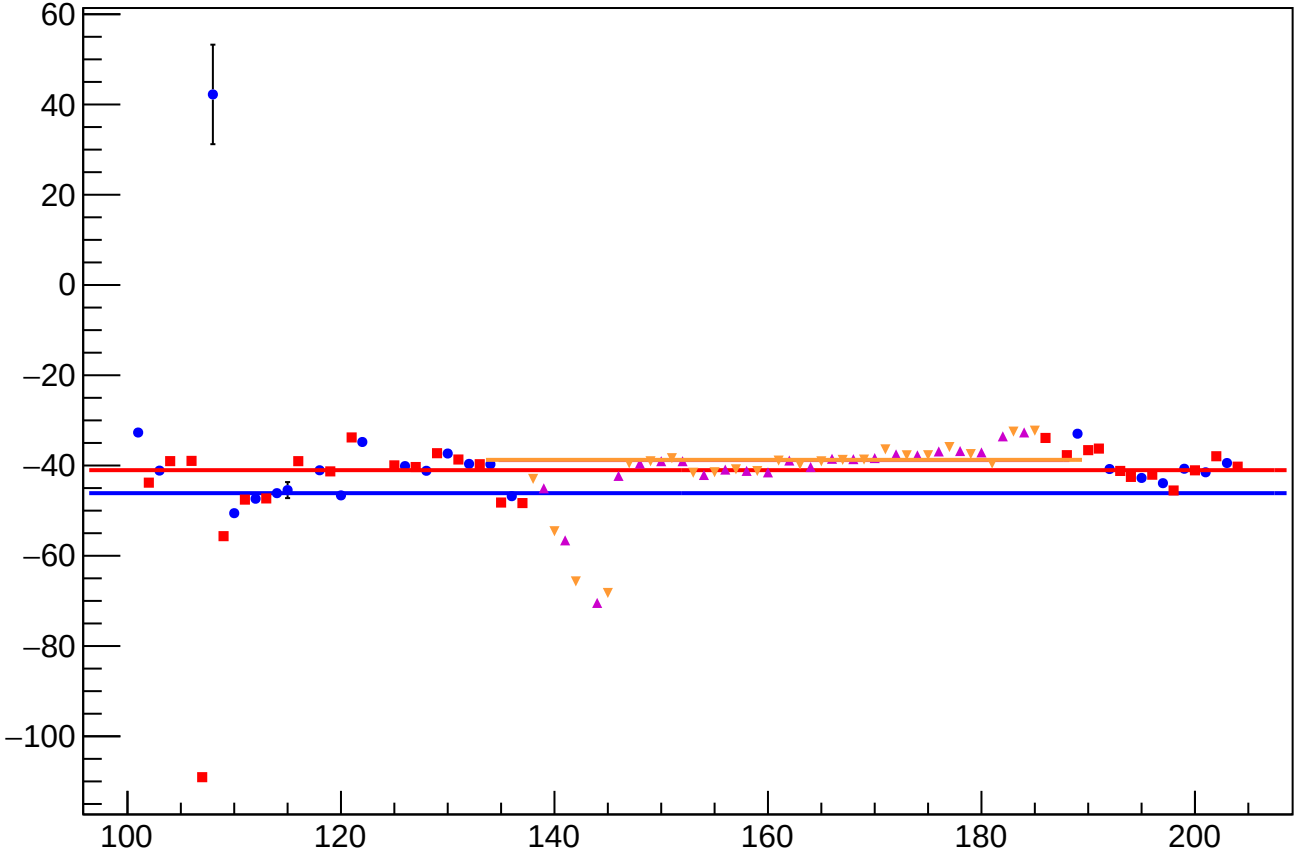
Right: 174.085+/-0.000 χ^2/NDF: 617058.5/50

In: 174.085+/-0.000 χ^2/NDF:334680.4/45

Out: 152.271+/-0.068 χ^2/NDF:466003.0/51

All: 174.085+/-0.000 χ^2/NDF: 902913.3/97

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 467411.0/22

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -41.030+/-0.011 χ^2/NDF: 307295.3/27

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

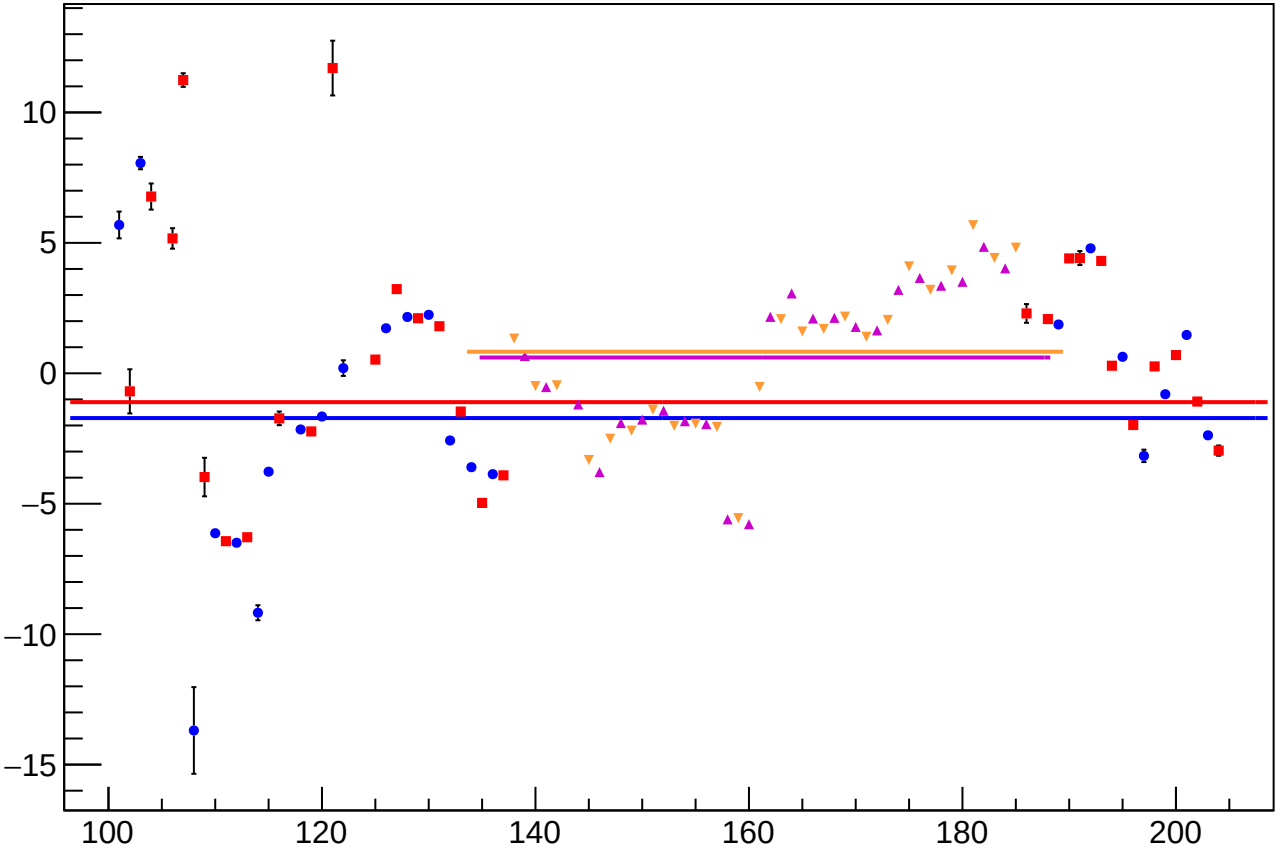
Right: -46.126+/-0.000 χ^2/NDF: 988747.2/50

In: -46.126+/-0.000 χ^2/NDF:2045139.1/45

Out: -39.252+/-0.005 χ^2/NDF:741418.0/51

All: -46.126+/-0.000 χ^2/NDF: 4544298.5/97

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -1.716+/-0.017 χ^2/NDF: 31741.8/22

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.105+/-0.019 χ^2/NDF: 35971.9/27

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

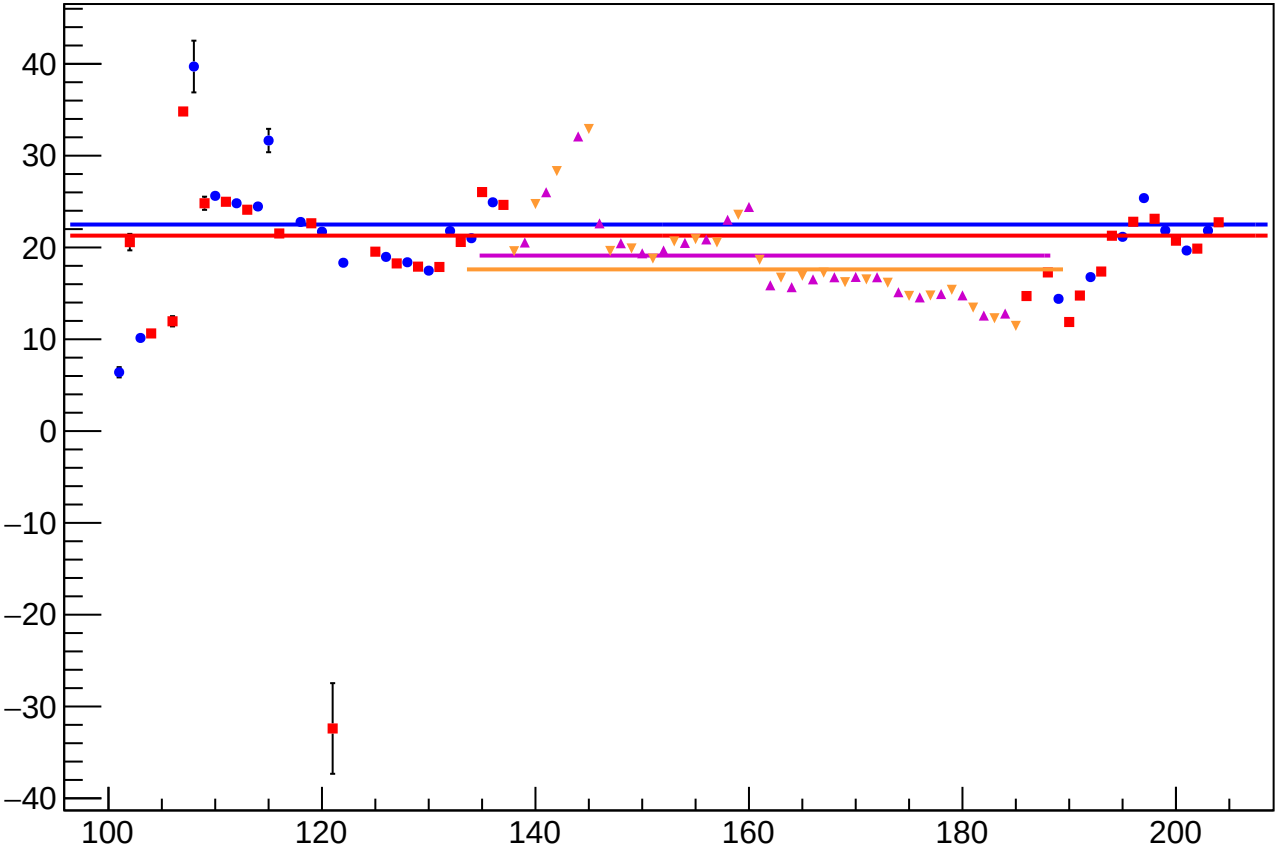
Right: -1.449+/-0.013 χ^2/NDF: 68295.7/50

In: 0.412+/-0.005 χ^2/NDF:380637.1/45

Out: 0.645+/-0.006 χ^2/NDF:300666.2/51

All: 0.507+/-0.004 χ^2/NDF: 682251.7/97

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.499+/-0.018 χ^2/NDF: 25907.0/22

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.291+/-0.019 χ^2/NDF: 28695.8/27

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

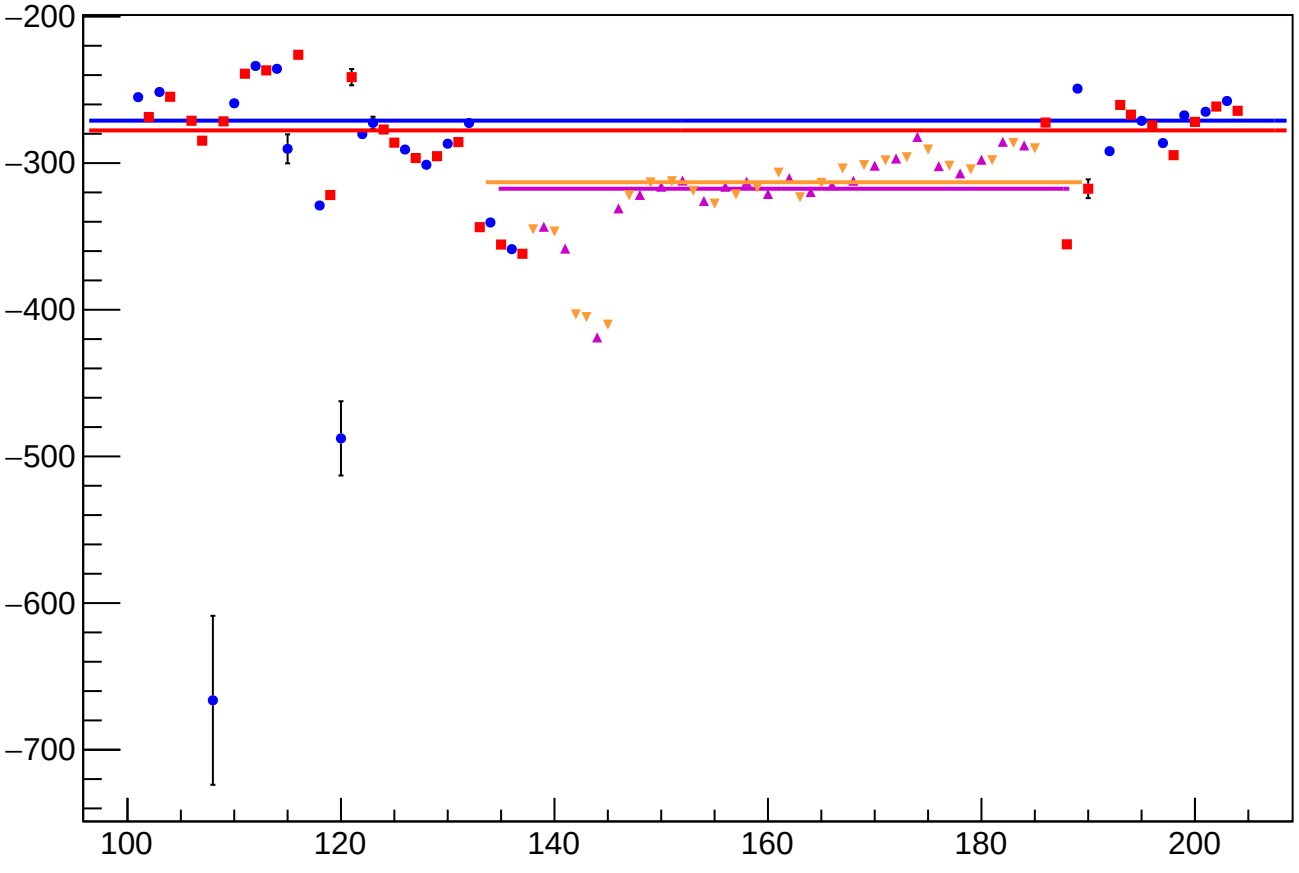
Right: 21.929+/-0.013 χ^2/NDF: 56790.6/50

In: 19.583+/-0.007 χ^2/NDF:286582.9/45

Out: 18.077+/-0.007 χ^2/NDF:240726.8/51

All: 18.839+/-0.005 χ^2/NDF: 553182.3/97

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -271.050+/-0.108 χ^2/NDF: 61963.4/23

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -277.714+/-0.091 χ^2/NDF: 70124.0/27

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

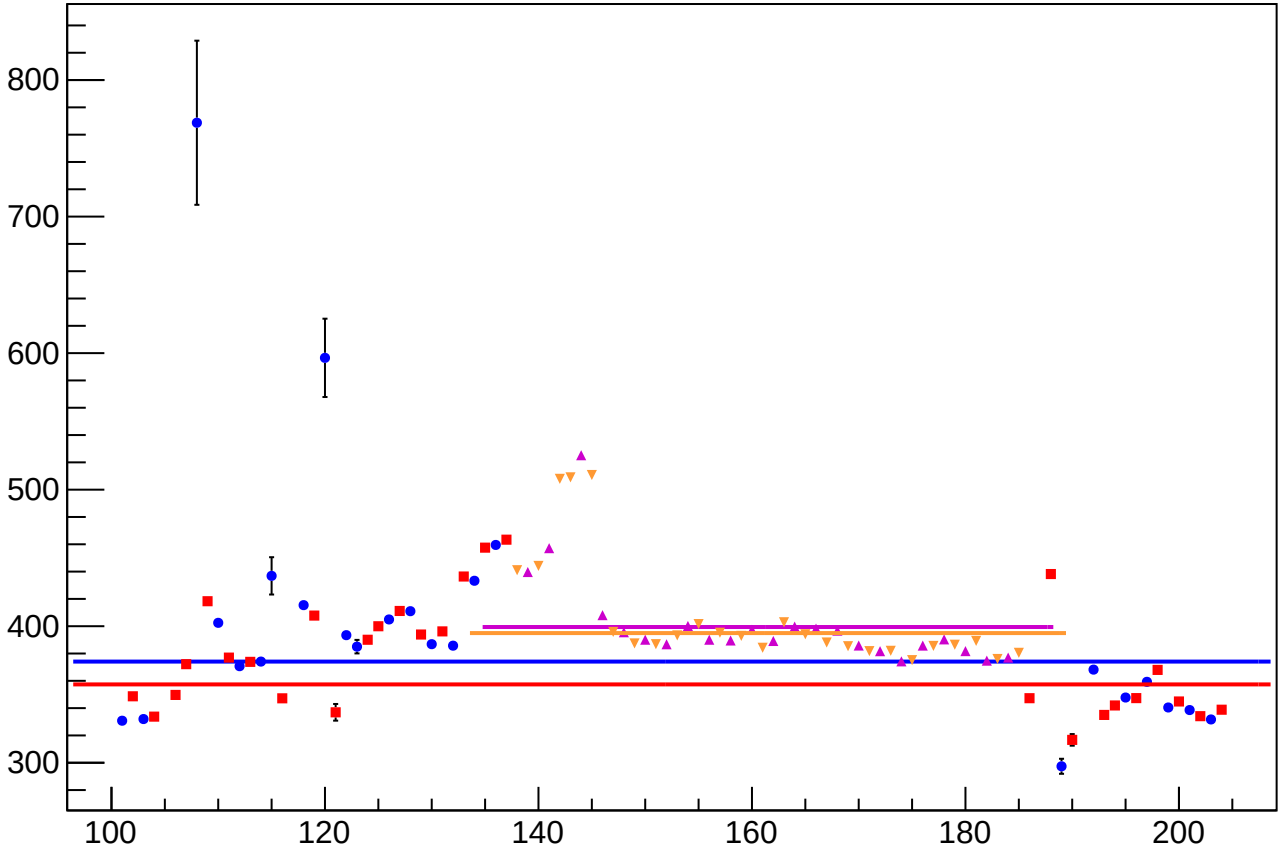
Right: -274.959+/-0.070 χ^2/NDF: 134313.0/51

In: -297.212+/-0.071 χ^2/NDF:228770.9/46

Out: -294.435+/-0.066 χ^2/NDF:196167.4/52

All: -295.711+/-0.048 χ^2/NDF: 425753.5/99

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 98625.7/23

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 357.374+/-0.090 χ^2/NDF: 104995.9/27

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

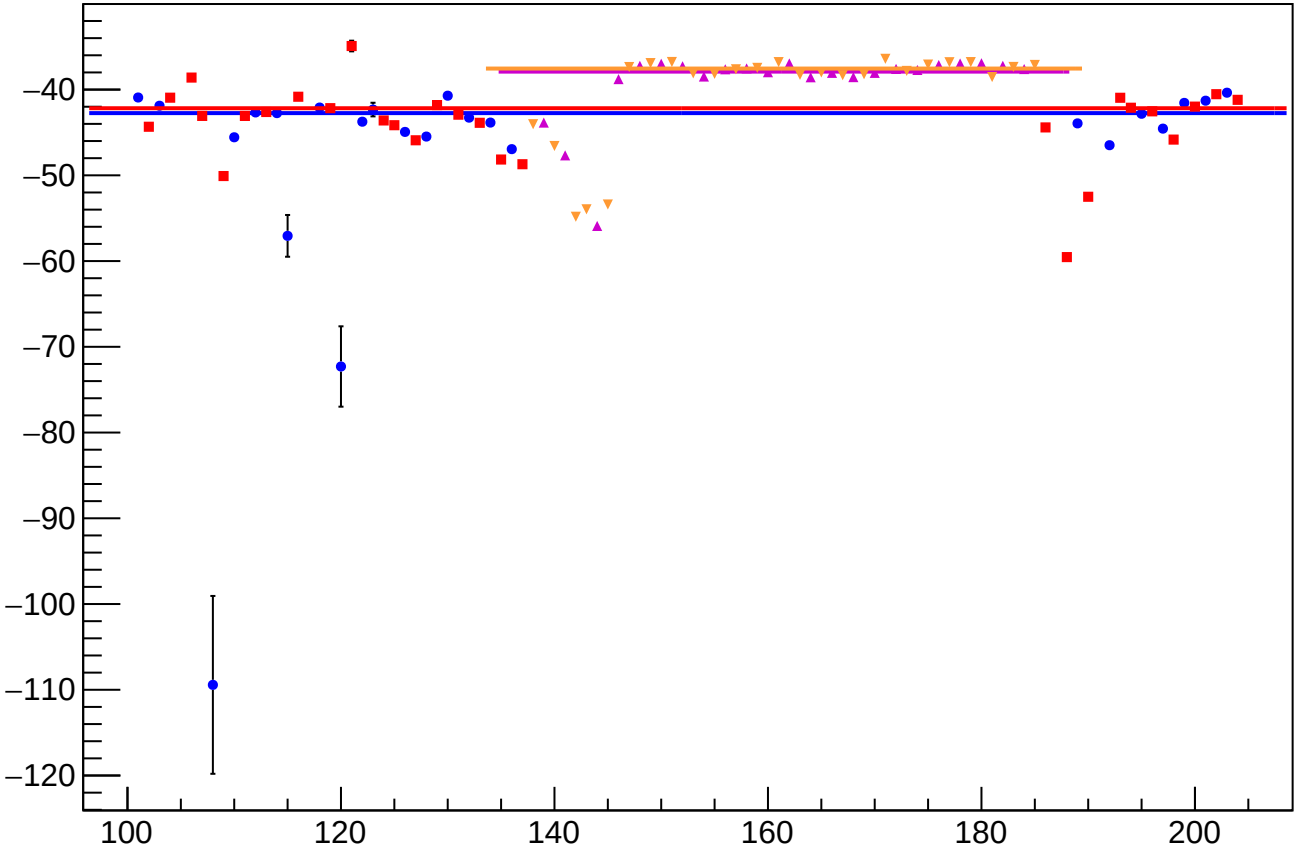
Right: 374.094+/-0.000 χ^2/NDF: 237917.4/51

In: 374.094+/-0.000 χ^2/NDF:244139.7/46

Out: 375.017+/-0.066 χ^2/NDF:254441.8/52

All: 374.094+/-0.000 χ^2/NDF: 498778.4/99

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 20813.6/23

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.175+/-0.011 χ^2/NDF: 26473.4/27

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

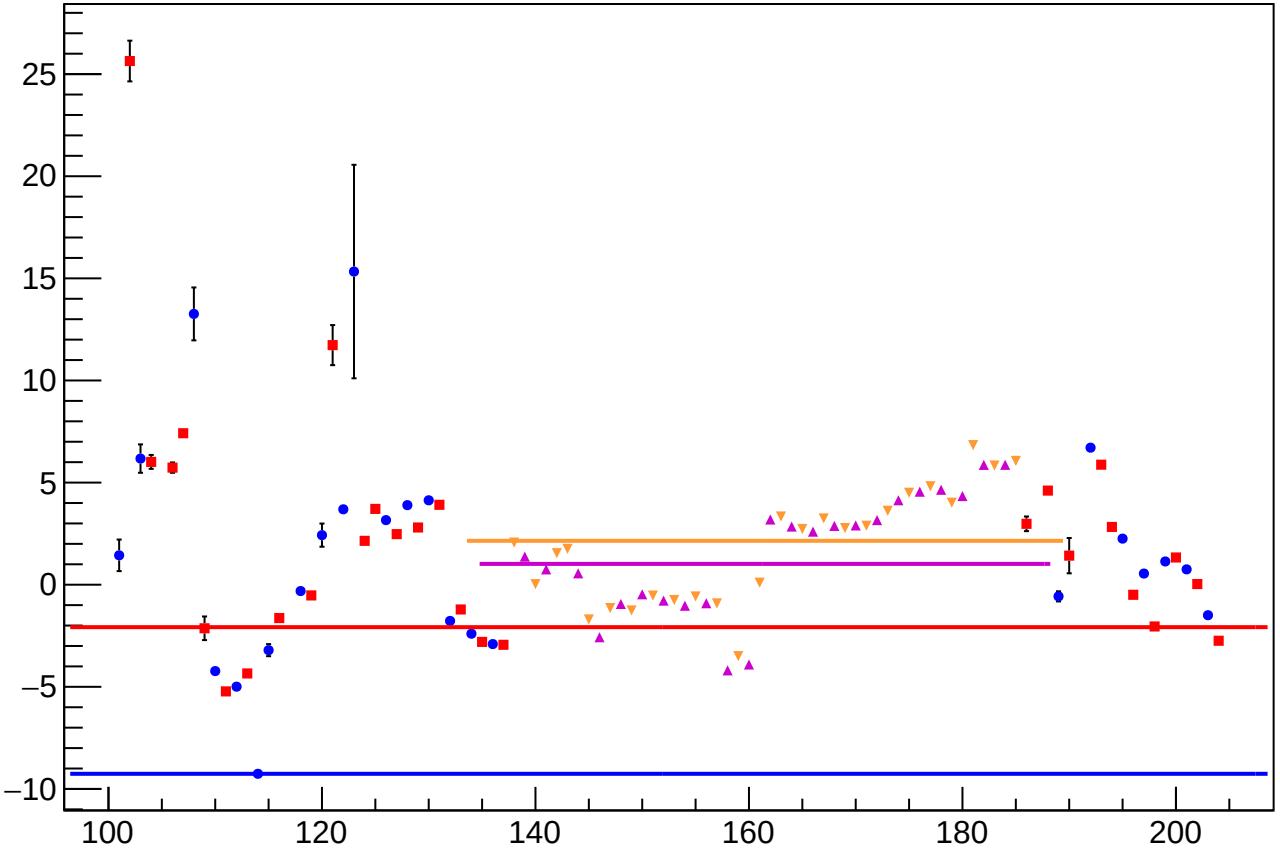
Right: -42.744+/-0.000 χ^2/NDF: 49966.8/51

In: -42.744+/-0.000 χ^2/NDF:1539667.9/46

Out: -38.050+/-0.004 χ^2/NDF:451787.7/52

All: -42.744+/-0.000 χ^2/NDF: 3671500.7/99

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 471608.7/23

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.079+/-0.008 χ^2/NDF: 70143.0/27

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

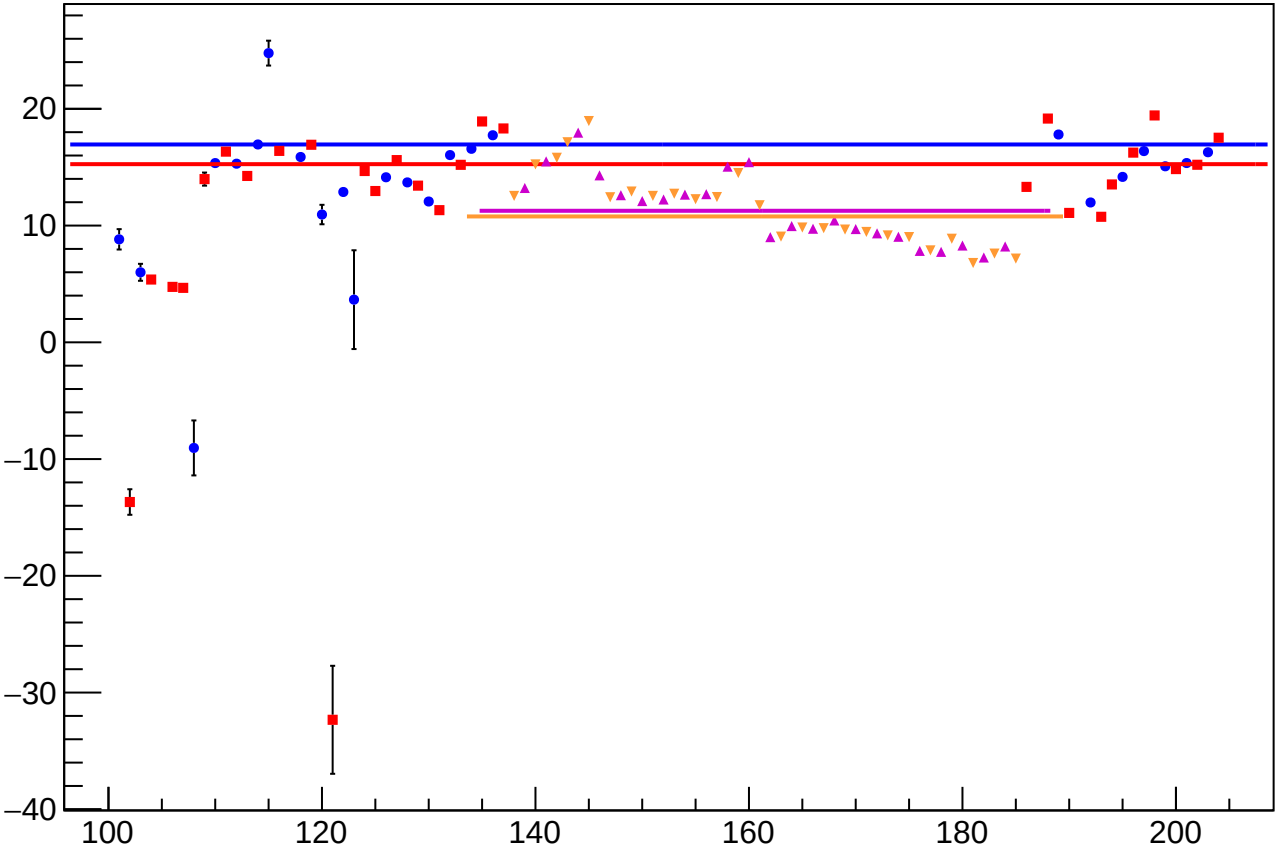
Right: -9.259+/-0.000 χ^2/NDF: 1453199.6/51

In: -9.259+/-0.000 χ^2/NDF:3969678.5/46

Out: 0.893+/-0.004 χ^2/NDF:583022.8/52

All: -9.259+/-0.000 χ^2/NDF: 10684867.0/99

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 13616.0/23

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.261+/-0.015 χ^2/NDF: 34106.4/27

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

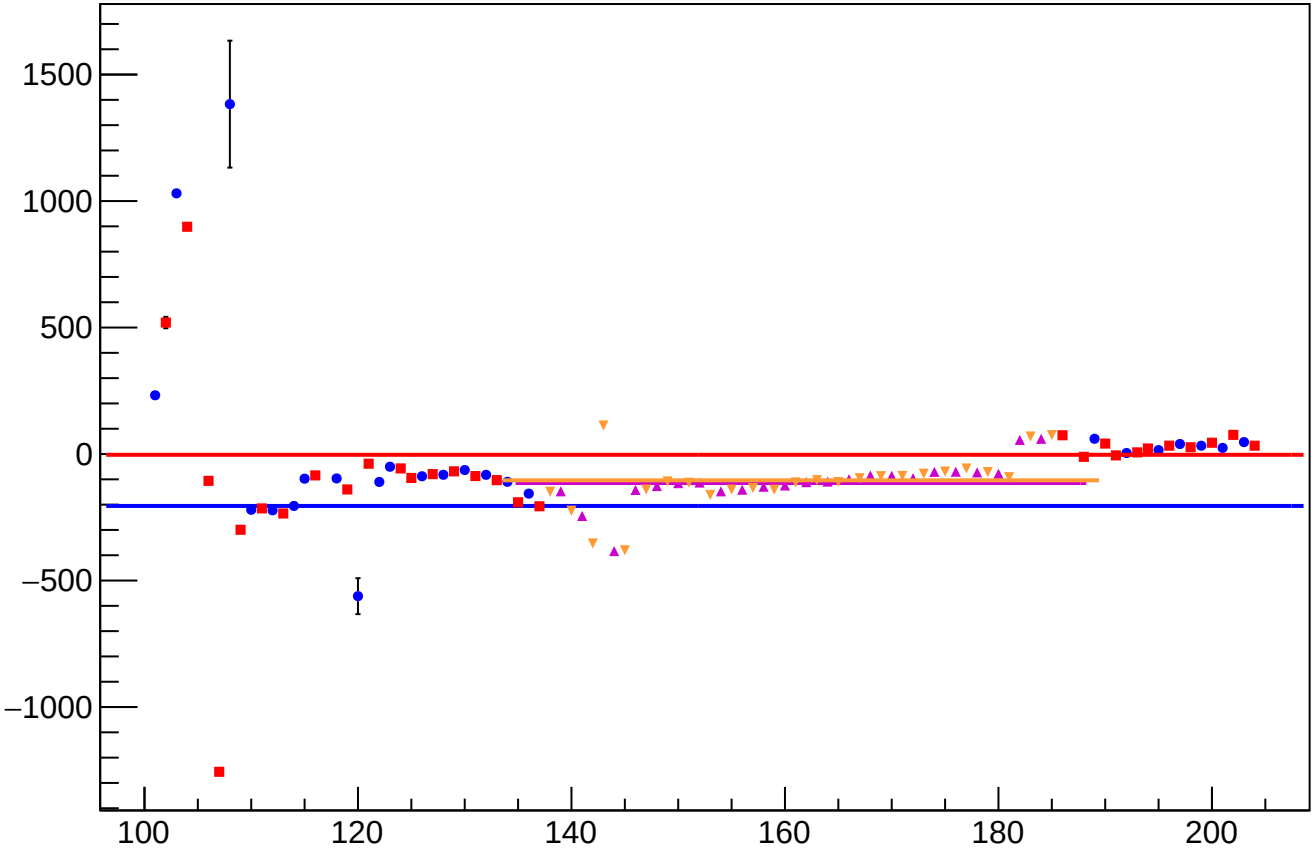
Right: 16.947+/-0.000 χ^2/NDF: 60863.0/51

In: 16.947+/-0.000 χ^2/NDF:636717.3/46

Out: 11.545+/-0.006 χ^2/NDF:240450.1/52

All: 16.947+/-0.000 χ^2/NDF: 1668320.5/99

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 1855295.6/23

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -2.998+/-0.193 χ^2/NDF: 189636.2/28

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

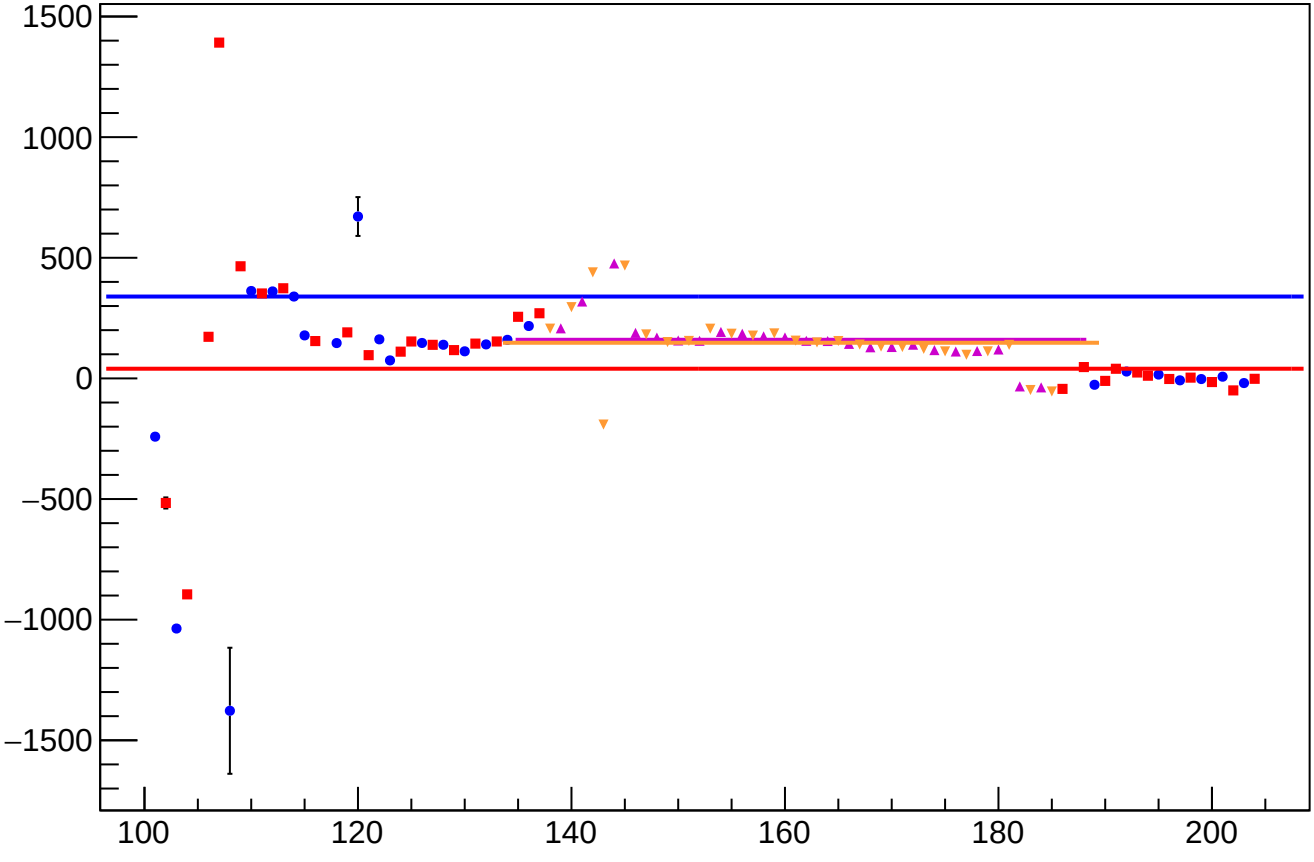
Right: -205.160+/-0.000 χ^2/NDF: 3138154.3/52

In: -205.160+/-0.000 χ^2/NDF:2095014.8/46

Out: -53.855+/-0.136 χ^2/NDF:421575.8/53

All: -205.160+/-0.000 χ^2/NDF: 3751995.5/10

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 2322720.4/23

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 40.132+/-0.190 χ^2/NDF: 284555.5/28

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

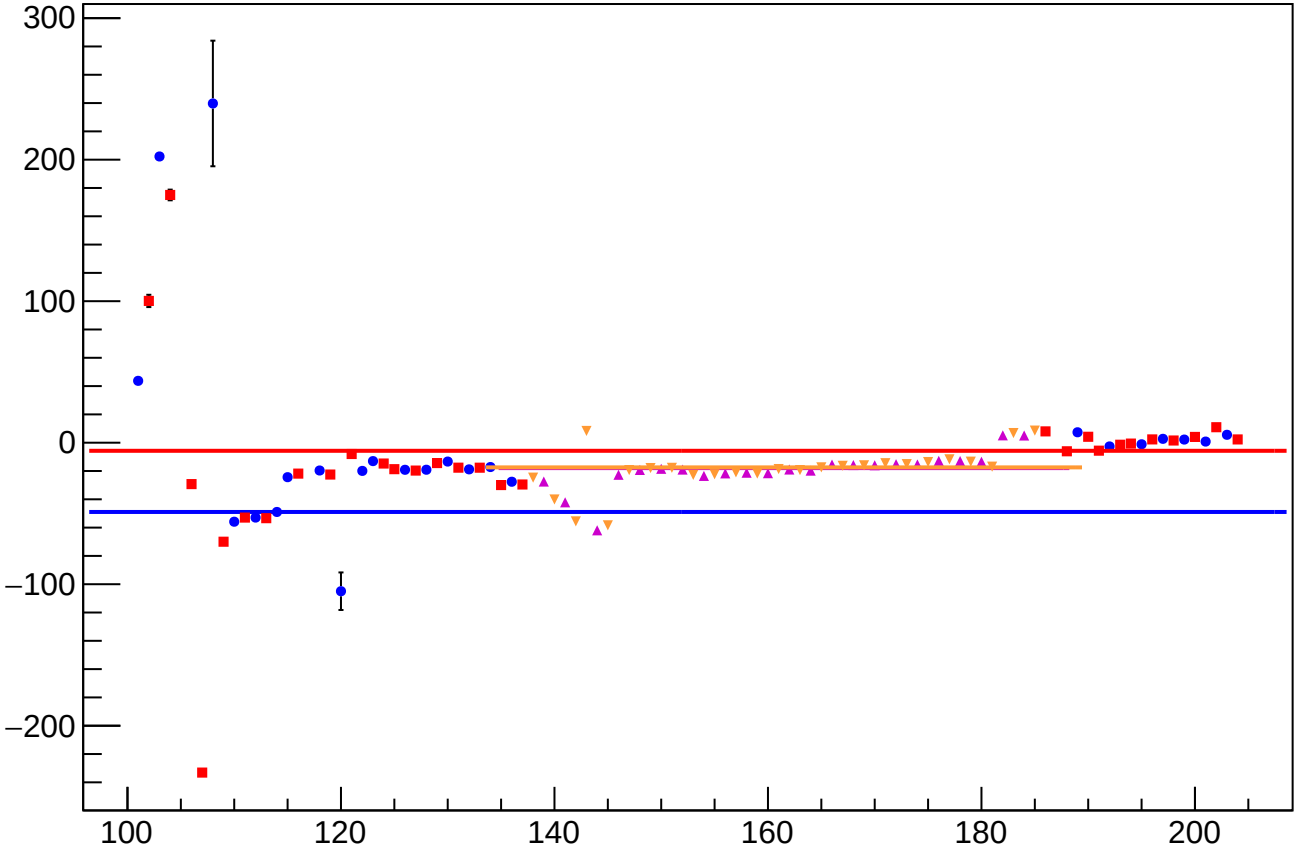
Right: 339.325+/-0.000 χ^2/NDF: 5076146.8/52

In: 339.325+/-0.000 χ^2/NDF:3015638.4/46

Out: 92.353+/-0.137 χ^2/NDF:573864.9/53

All: 339.325+/-0.000 χ^2/NDF: 6856971.2/100

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 7814491.6/23

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -5.722+/-0.026 χ^2/NDF: 409568.6/28

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

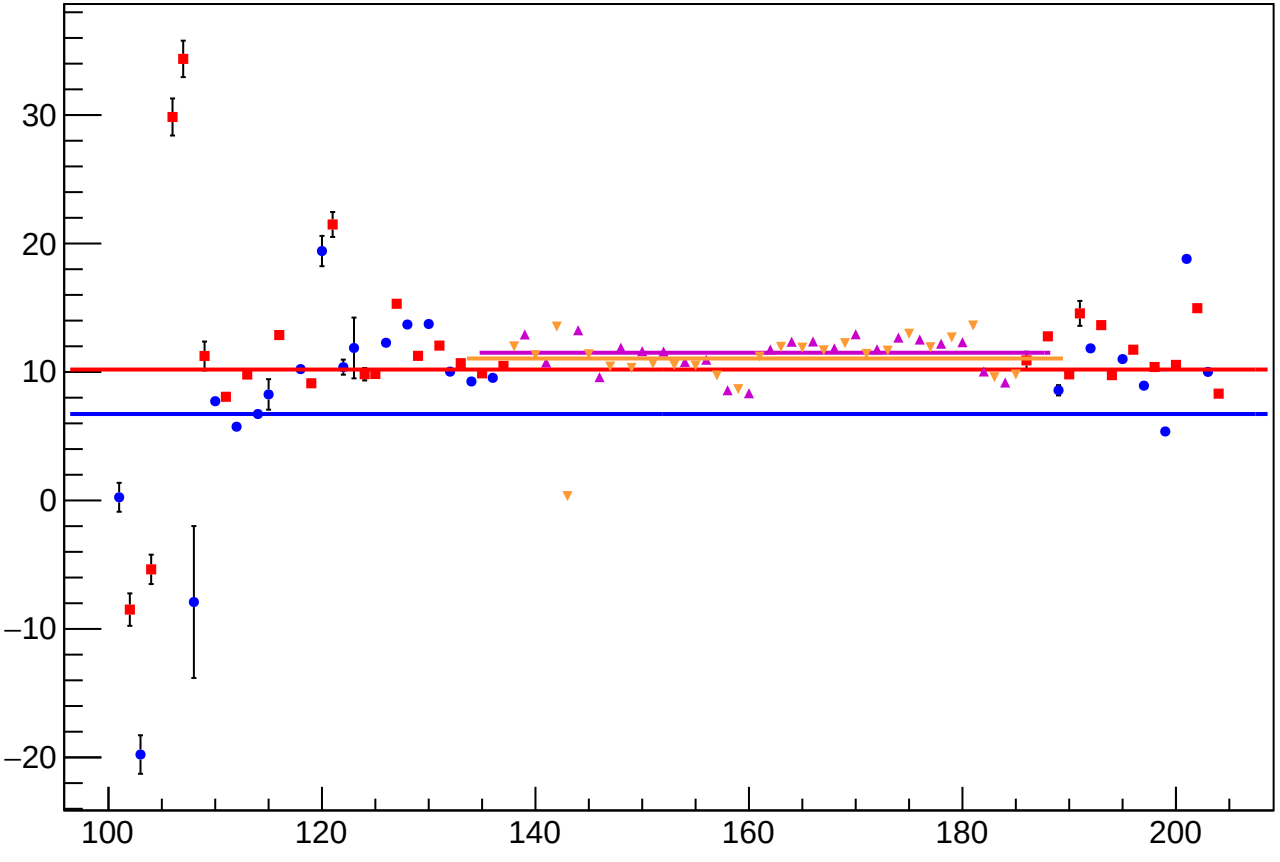
Right: -48.945+/-0.000 χ^2/NDF: 11025199.5/52

In: -48.945+/-0.000 χ^2/NDF:14453225.7/46

Out: -15.915+/-0.009 χ^2/NDF:1302779.7/53

All: -48.945+/-0.000 χ^2/NDF: 28281416.9/10

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 17748.0/23

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.191+/-0.033 χ^2/NDF: 6342.0/28

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

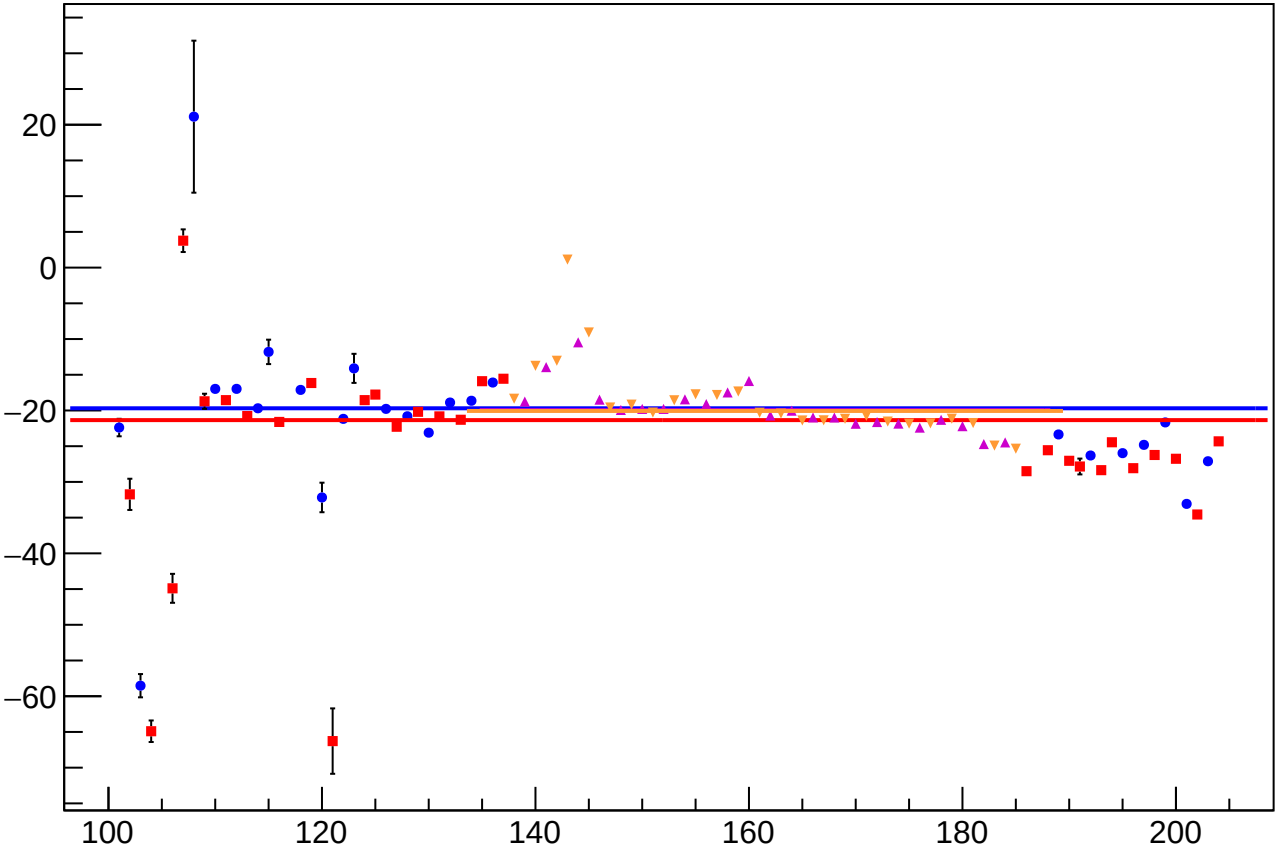
Right: 6.728+/-0.000 χ^2/NDF: 35314.0/52

In: 6.728+/-0.000 χ^2/NDF:242803.4/46

Out: 10.943+/-0.011 χ^2/NDF:38565.5/53

All: 6.728+/-0.000 χ^2/NDF: 416442.6/100

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 14877.9/23

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -21.349+/-0.042 χ^2/NDF: 9054.6/28

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

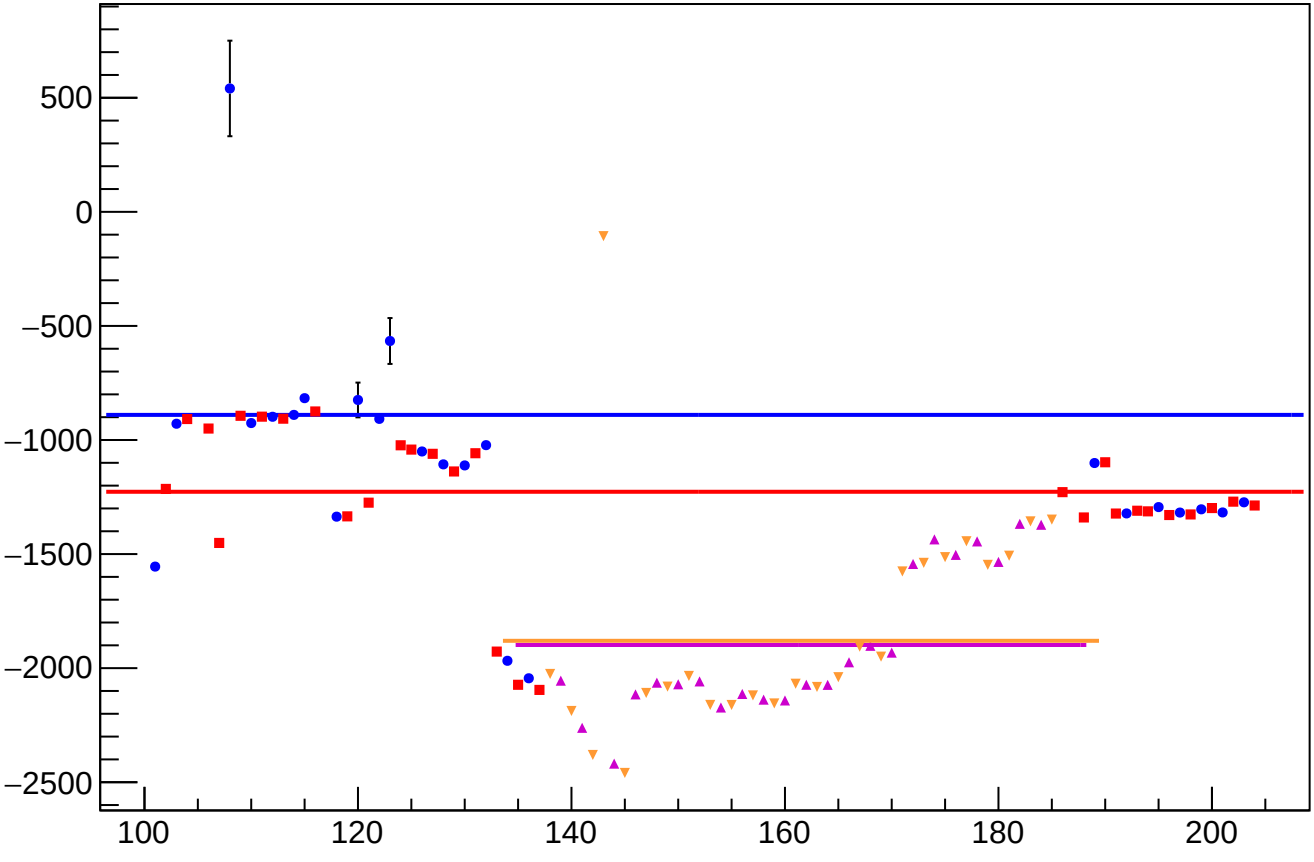
Right: -19.693+/-0.000 χ^2/NDF: 25469.5/52

In: -19.693+/-0.000 χ^2/NDF:37836.5/46

Out: -20.189+/-0.013 χ^2/NDF:81355.4/53

All: -19.693+/-0.000 χ^2/NDF: 120615.9/100

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 1902562.3/23

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1226.907+/-0.197 χ^2/NDF: 987946.6/28

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

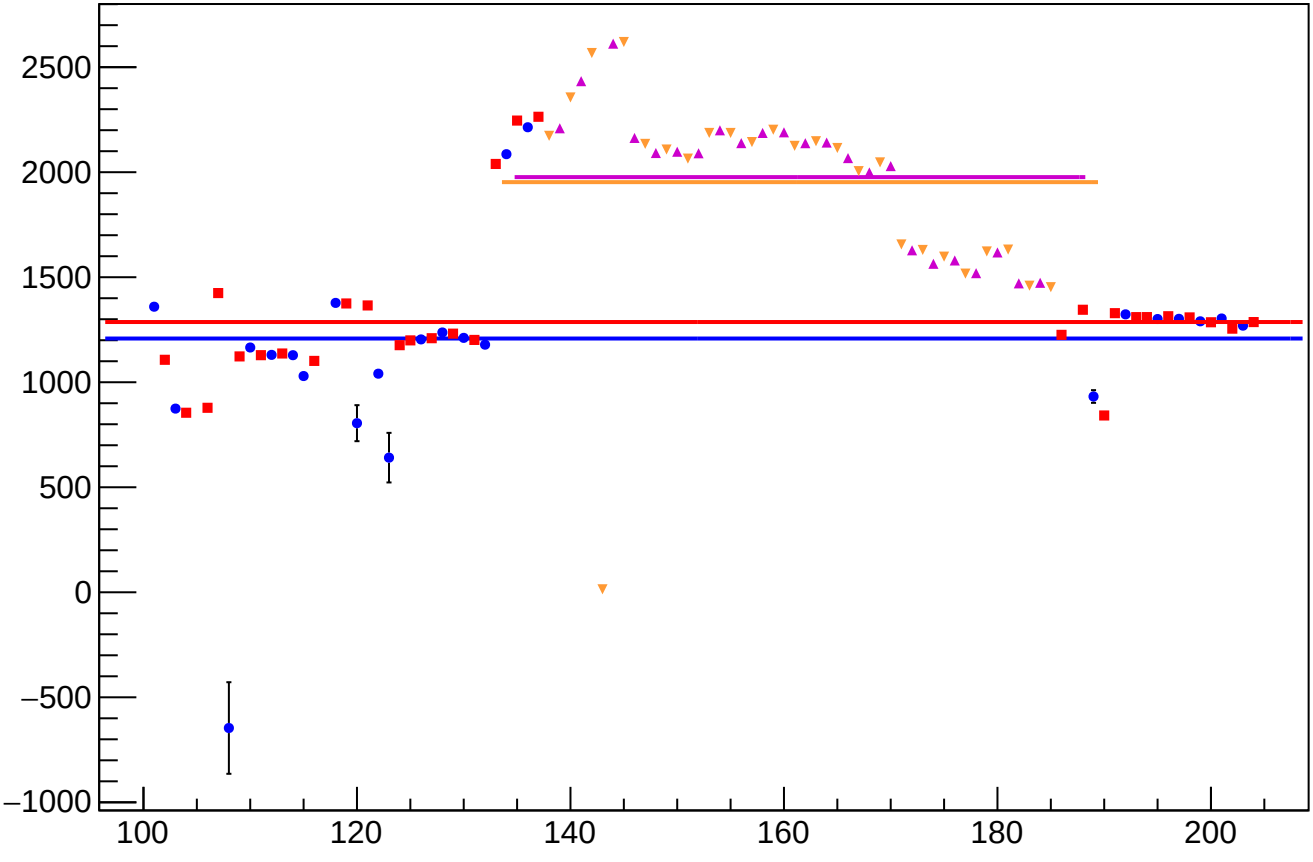
Right: -889.928+/-0.000 χ^2/NDF: 5810171.6/52

In: -889.928+/-0.000 χ^2/NDF:10289364.9/46

Out: -1382.339+/-0.172 χ^2/NDF:4471906.7/53

All: -889.928+/-0.000 χ^2/NDF: 22941988.7/1

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1208.142+/-0.207 χ^2/NDF: 587893.1/23

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1286.709+/-0.196 χ^2/NDF: 534415.0/28

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

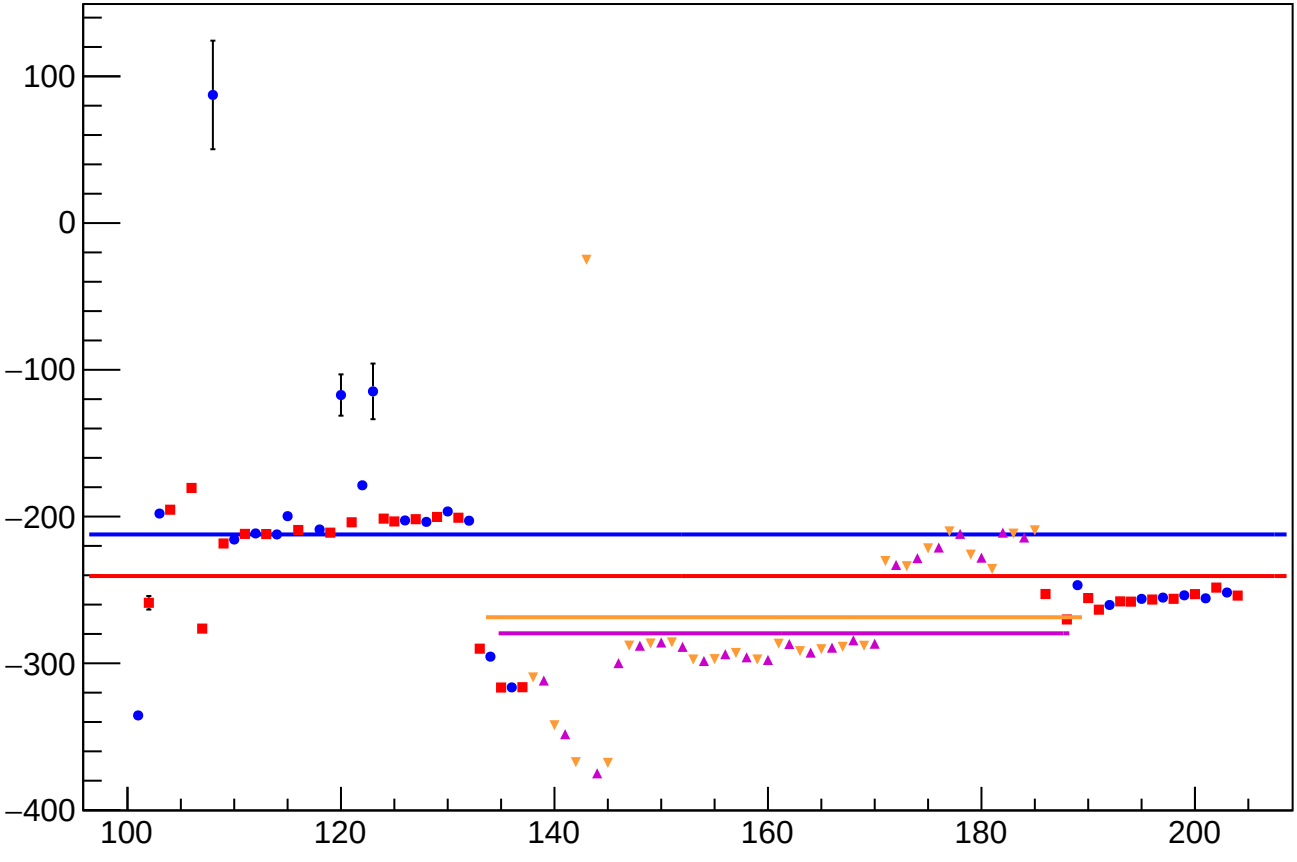
Right: 1249.419+/-0.142 χ^2/NDF: 1198321.6/52

In: 1392.812+/-0.180 χ^2/NDF:4539919.2/46

Out: 1443.362+/-0.172 χ^2/NDF:4061597.7/53

All: 1419.285+/-0.124 χ^2/NDF: 8642807.5/10

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1927006.0/23

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -240.543+/-0.025 χ^2/NDF: 976632.1/28

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

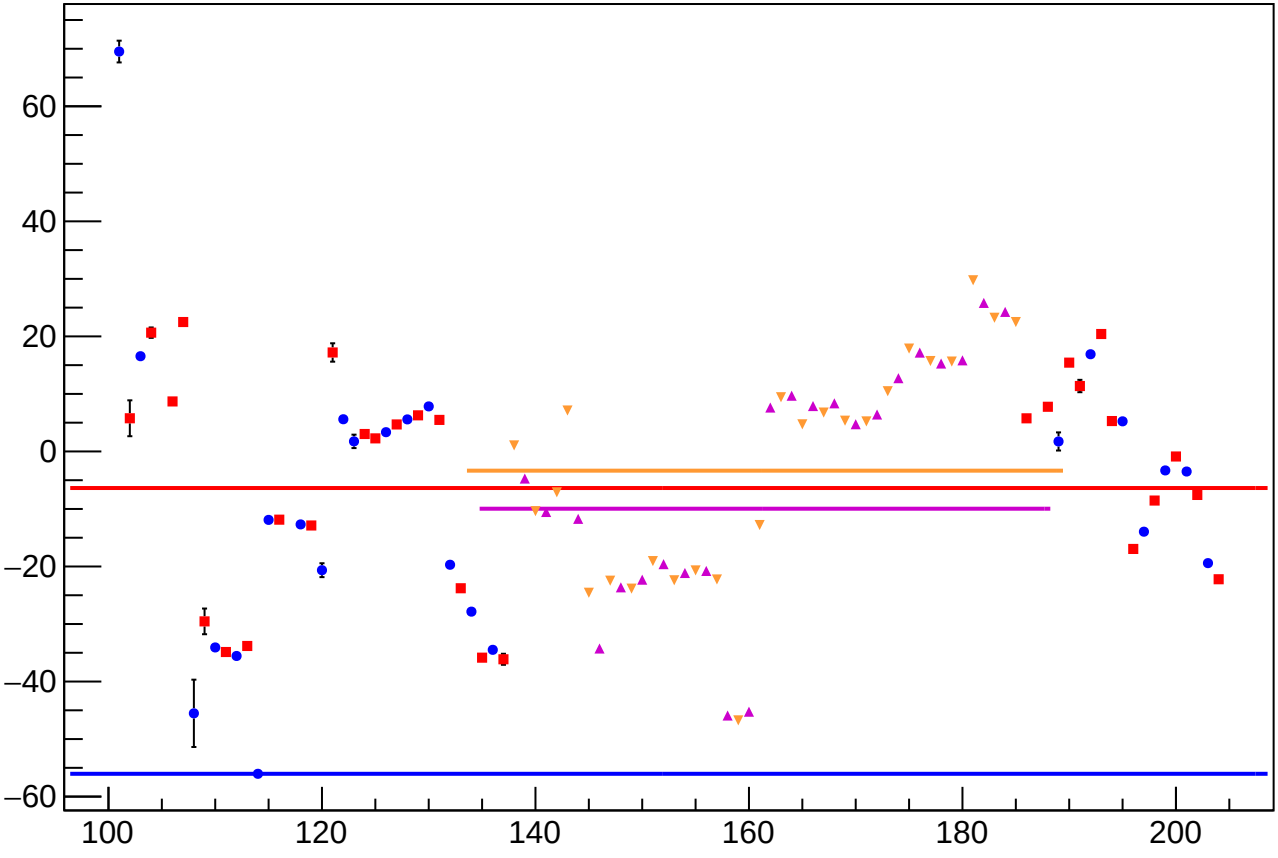
Right: -212.190+/-0.000 χ^2/NDF: 4181847.5/52

In: -212.190+/-0.000 χ^2/NDF:13896833.9/46

Out: -256.383+/-0.017 χ^2/NDF:8725233.0/53

All: -212.190+/-0.000 χ^2/NDF: 29749702.5/1

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1755428.7/23

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.359+/-0.039 χ^2/NDF: 190500.6/28

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

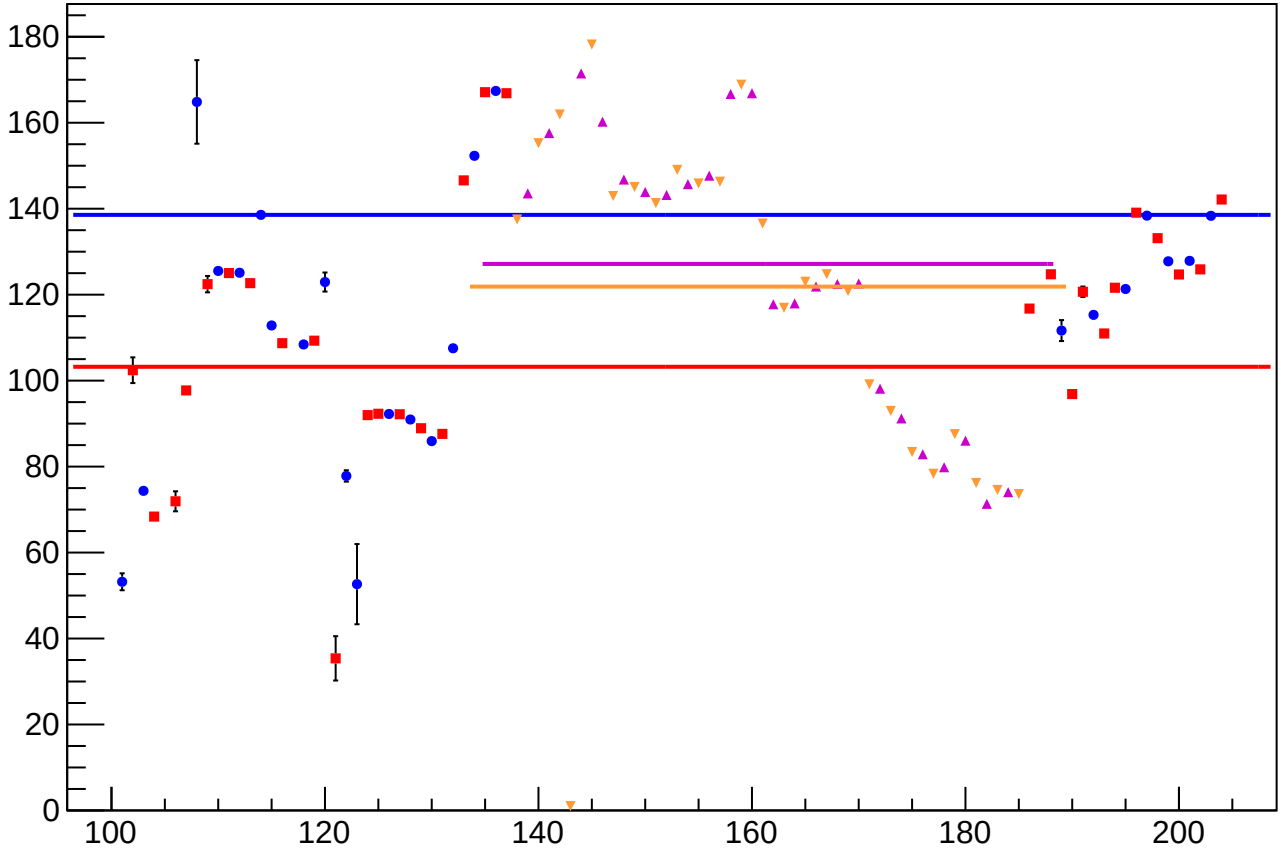
Right: -56.037+/-0.000 χ^2/NDF: 3586229.9/52

In: -56.037+/-0.000 χ^2/NDF:9669625.9/46

Out: -3.856+/-0.016 χ^2/NDF:1595269.2/53

All: -56.037+/-0.000 χ^2/NDF: 21887993.1/10

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 913760.8/23

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 103.222+/-0.032 χ^2/NDF: 369030.2/28

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

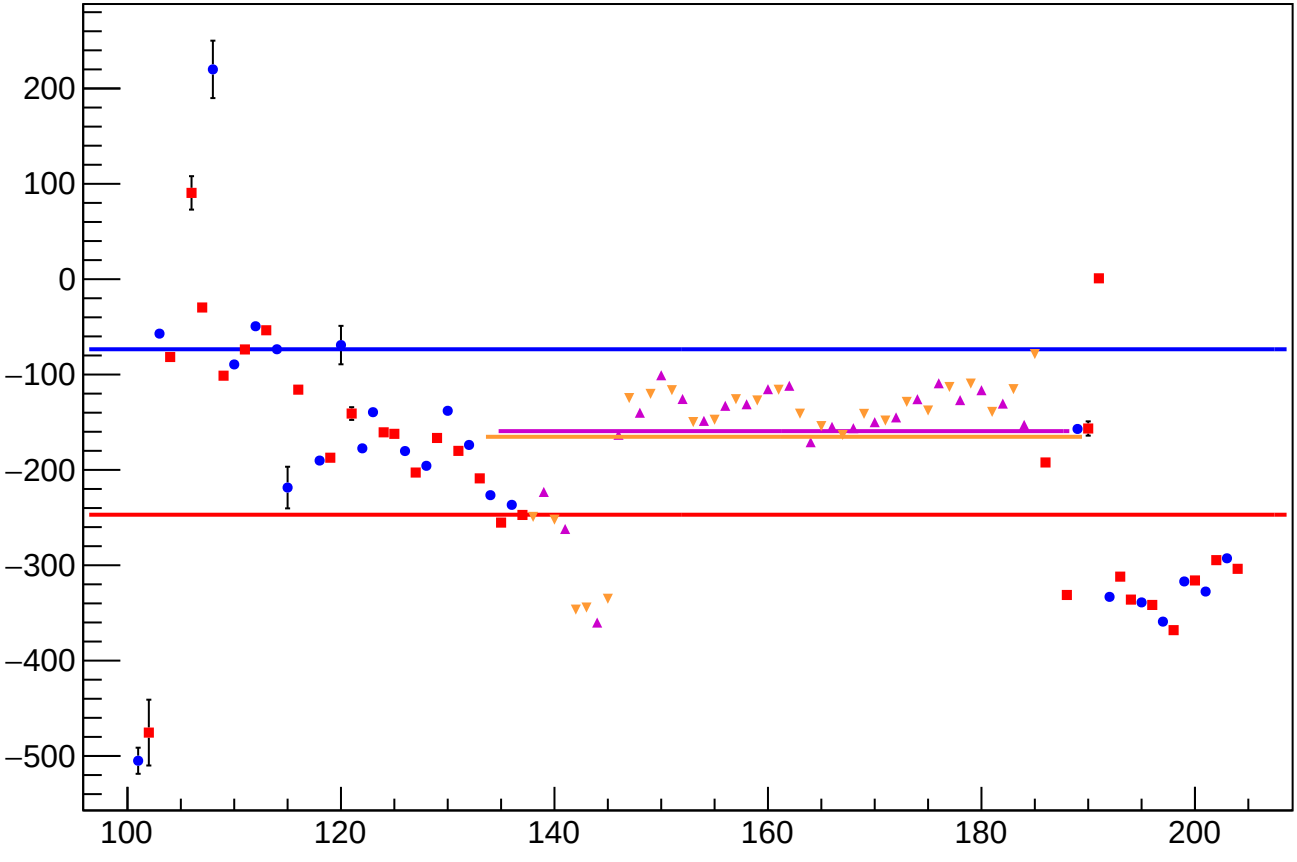
Right: 138.565+/-0.000 χ^2/NDF: 2540612.7/52

In: 138.565+/-0.000 χ^2/NDF:2444210.0/46

Out: 114.919+/-0.019 χ^2/NDF:2206101.6/53

All: 138.565+/-0.000 χ^2/NDF: 6160183.1/100

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 467054.9/23

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -246.999+/-0.223 χ^2/NDF: 217637.7/28

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

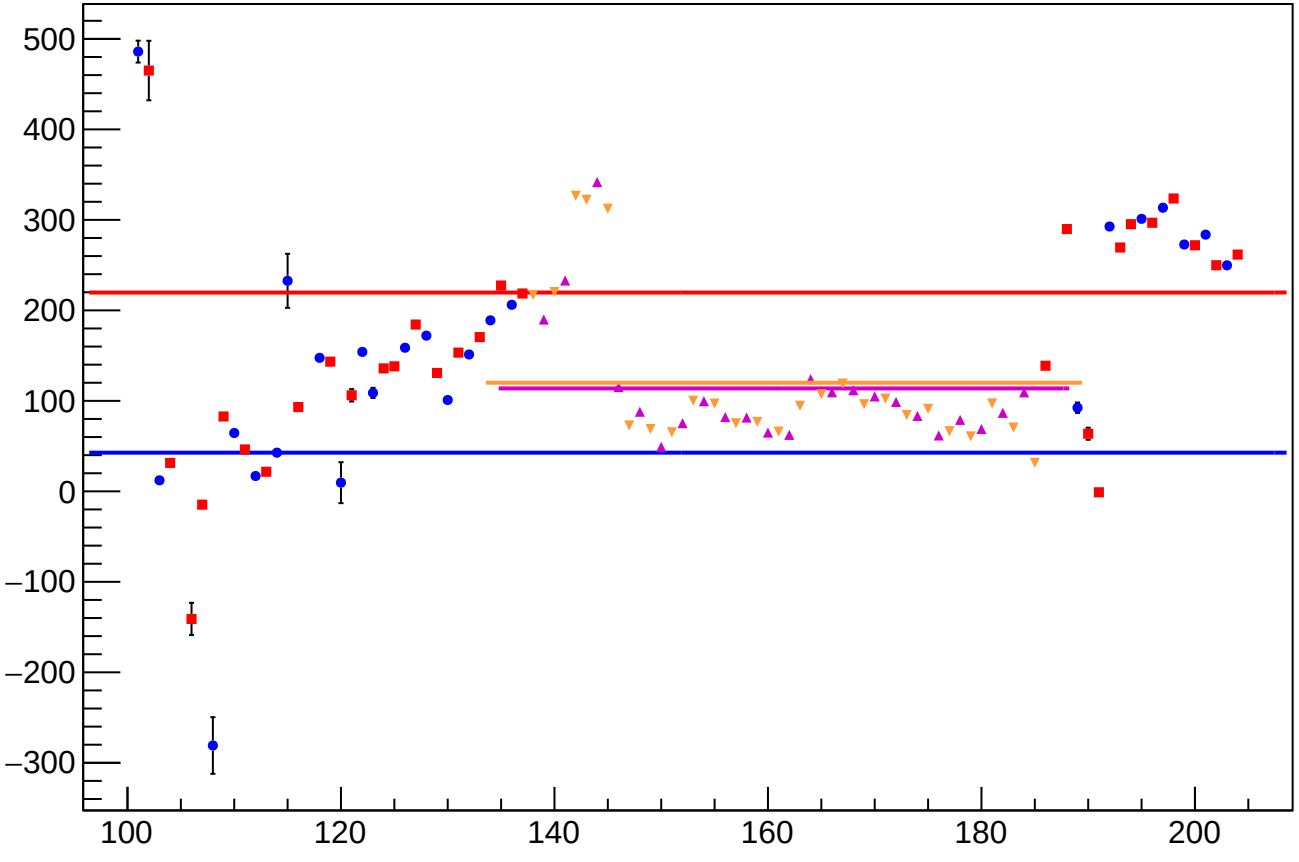
Right: -73.485+/-0.000 χ^2/NDF: 1292763.8/52

In: -73.485+/-0.000 χ^2/NDF:669846.2/46

Out: -207.799+/-0.161 χ^2/NDF:366636.8/53

All: -73.485+/-0.000 χ^2/NDF: 1736771.3/100

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 437866.0/23

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 219.723+/-0.227 χ^2/NDF: 173093.9/28

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

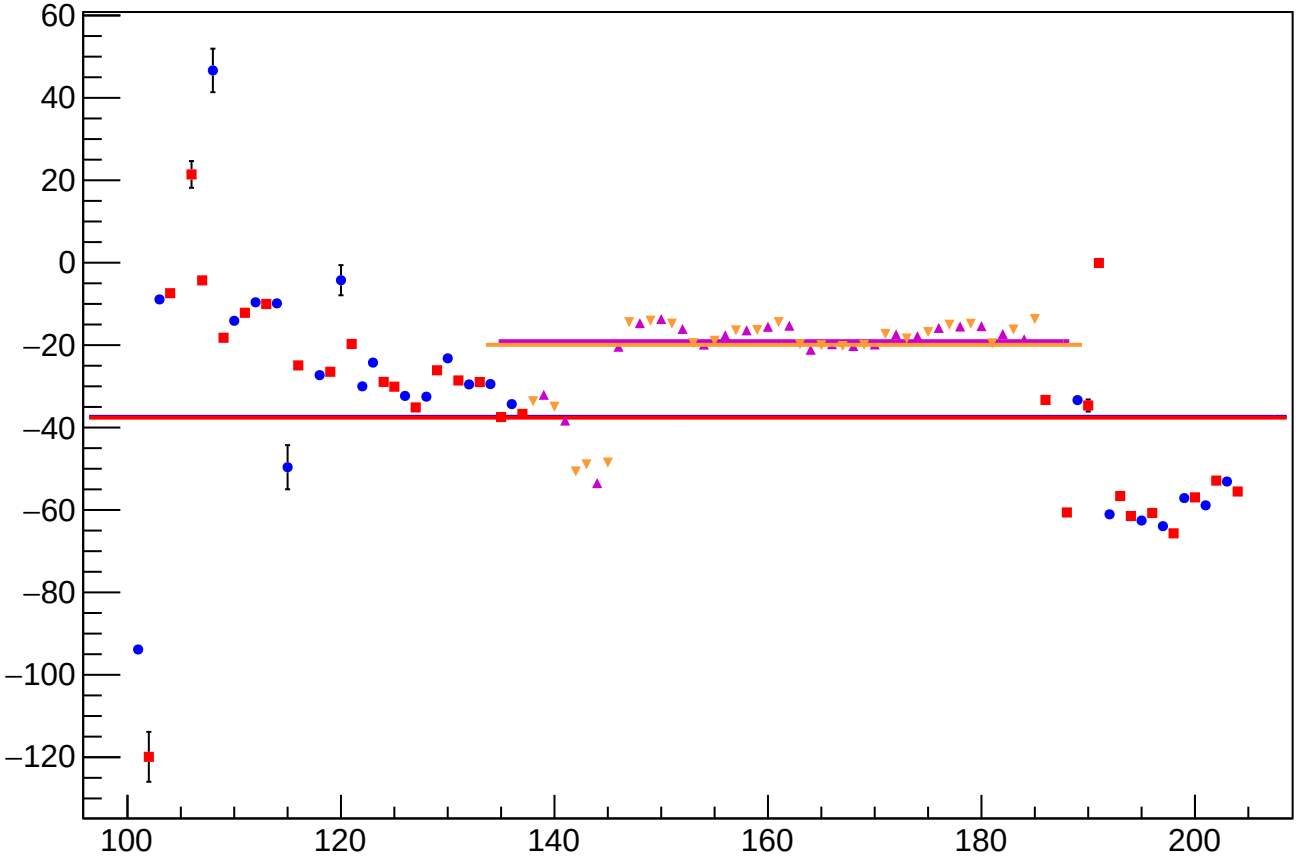
Right: 42.743+/-0.000 χ^2/NDF: 1216836.0/52

In: 42.743+/-0.000 χ^2/NDF:602815.5/46

Out: 171.949+/-0.164 χ^2/NDF:363126.9/53

All: 42.743+/-0.000 χ^2/NDF: 1586143.4/100

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -37.399+/-0.029 χ^2/NDF: 263457.3/23

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -37.593+/-0.026 χ^2/NDF: 668103.1/28

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

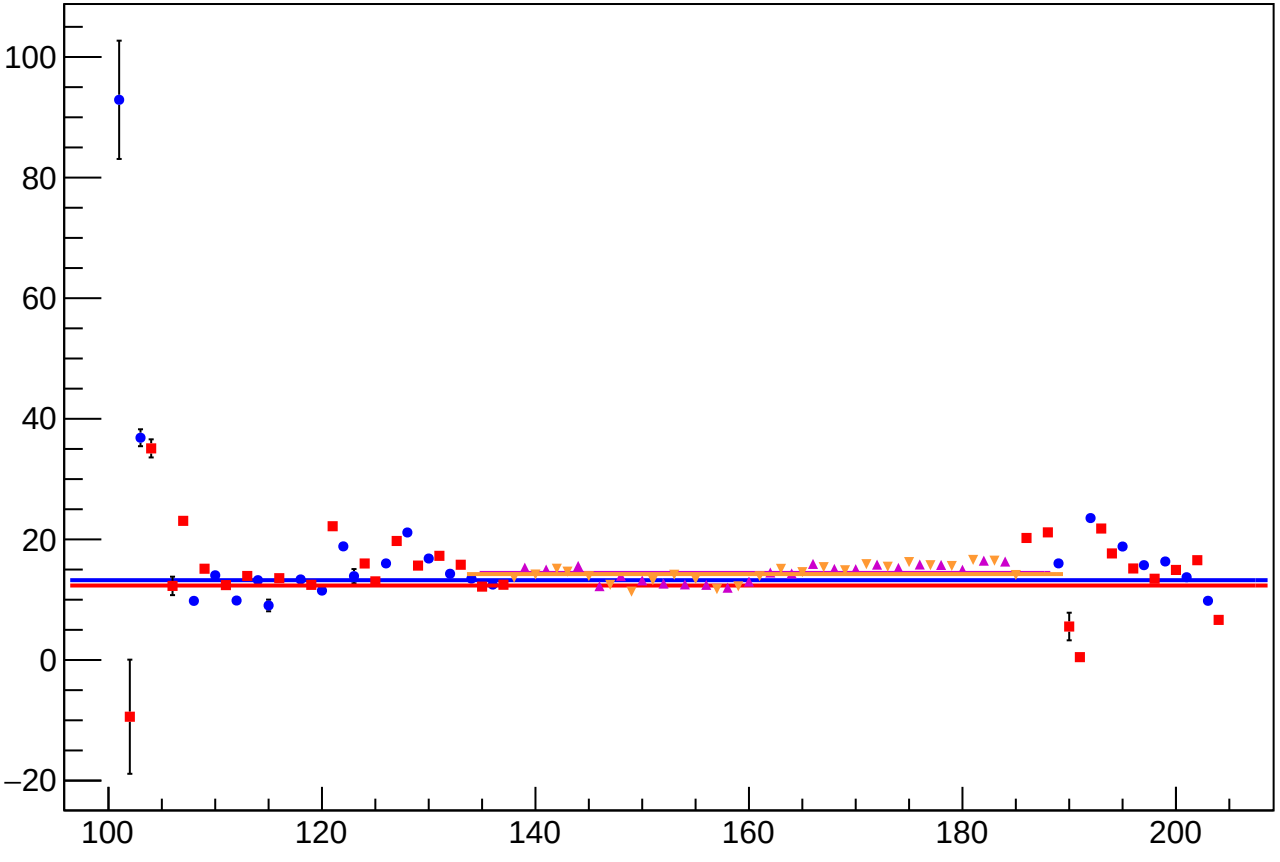
Right: -37.507+/-0.019 χ^2/NDF: 931585.0/52

In: -22.457+/-0.013 χ^2/NDF:799872.1/46

Out: -23.100+/-0.011 χ^2/NDF:1416186.5/53

All: -22.818+/-0.008 χ^2/NDF: 2217530.0/100

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 8120.6/23

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.352+/-0.038 χ^2/NDF: 24974.1/28

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

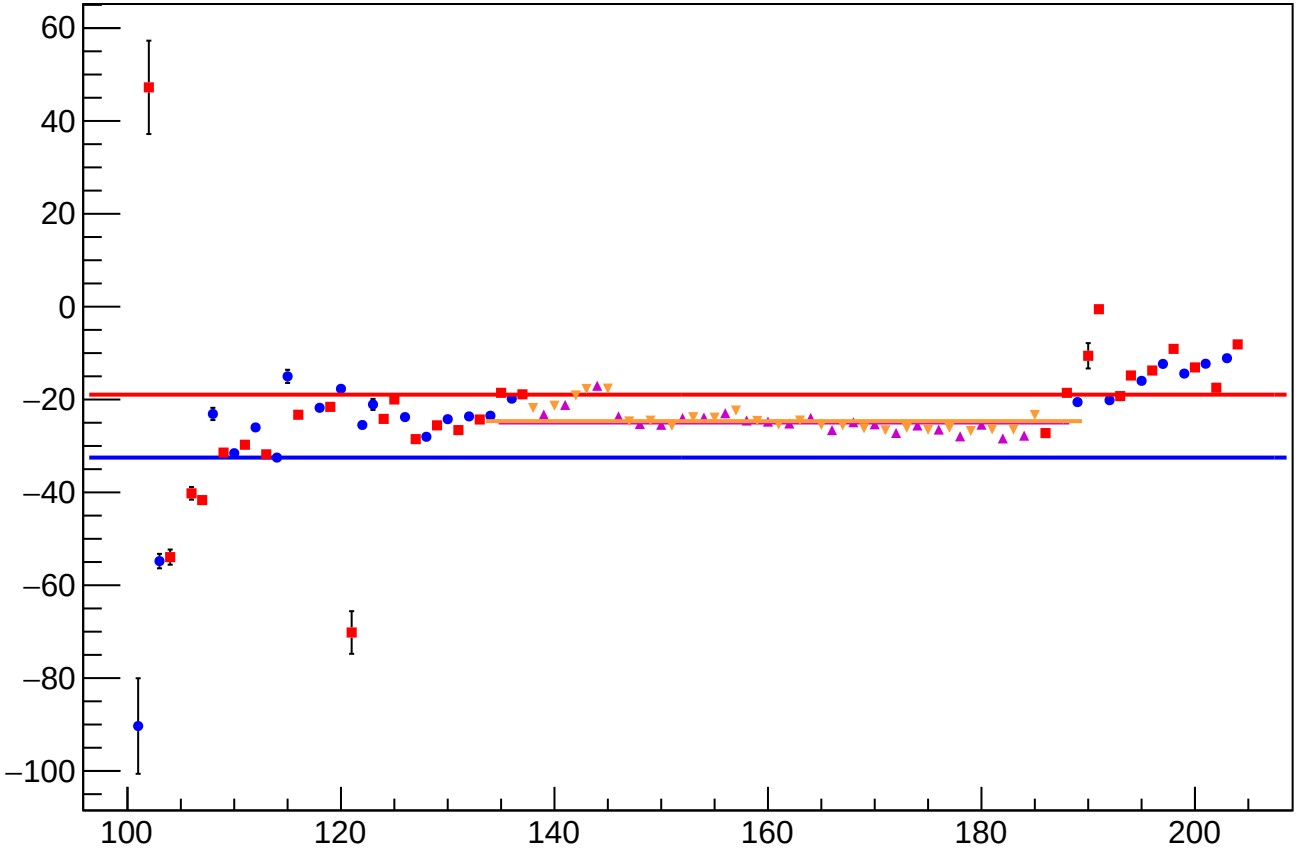
Right: 13.238+/-0.000 χ^2/NDF: 33629.5/52

In: 13.238+/-0.000 χ^2/NDF:31742.3/46

Out: 14.077+/-0.011 χ^2/NDF:39568.1/53

All: 13.238+/-0.000 χ^2/NDF: 76688.5/100

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 97737.1/23

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -18.947+/-0.039 χ^2/NDF: 66243.8/28

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

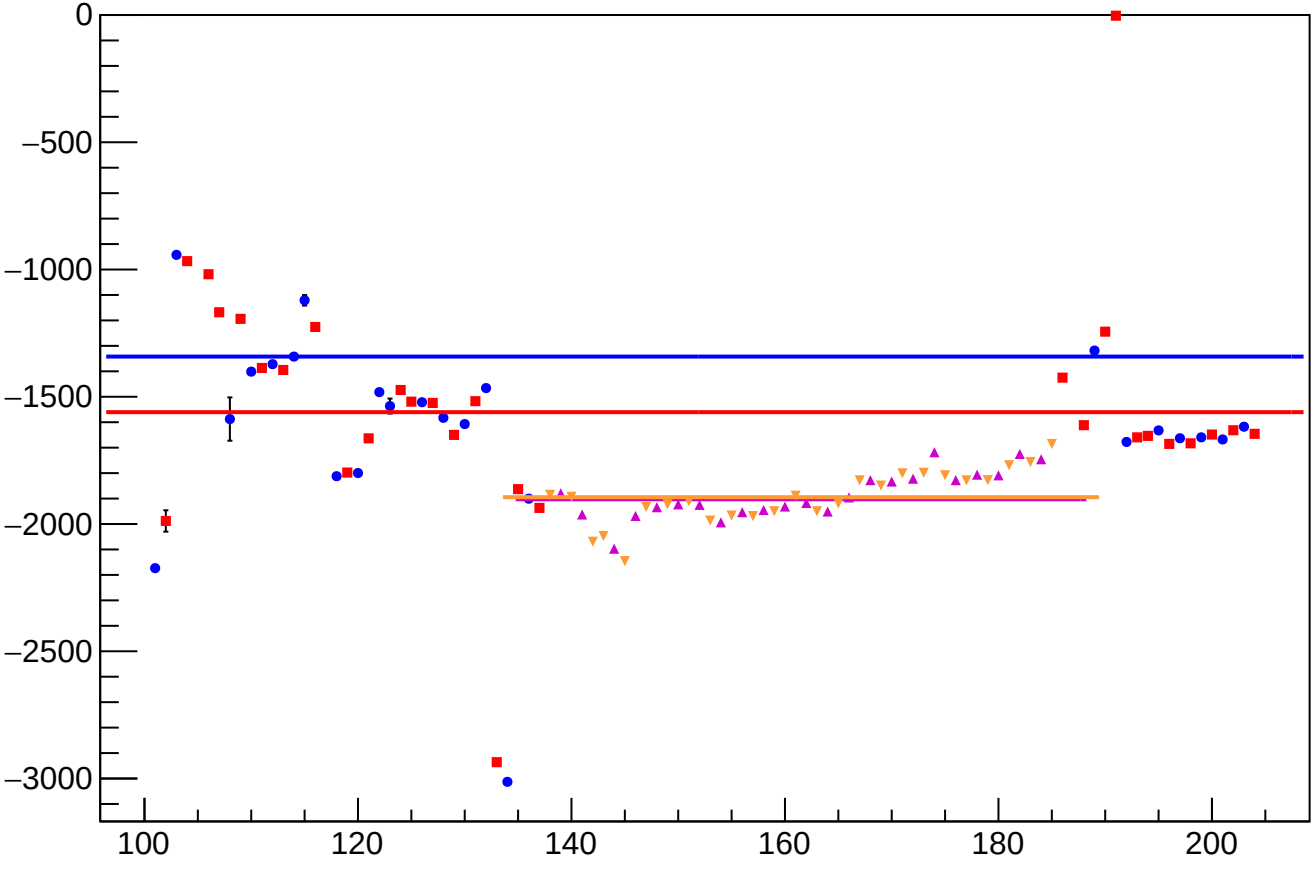
Right: -32.504+/-0.000 χ^2/NDF: 287039.5/52

In: -32.504+/-0.000 χ^2/NDF:359688.0/46

Out: -23.908+/-0.014 χ^2/NDF:108251.2/53

All: -32.504+/-0.000 χ^2/NDF: 847378.4/100

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 884291.0/23

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1560.503+/-0.235 χ^2/NDF: 1991407.3/28

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

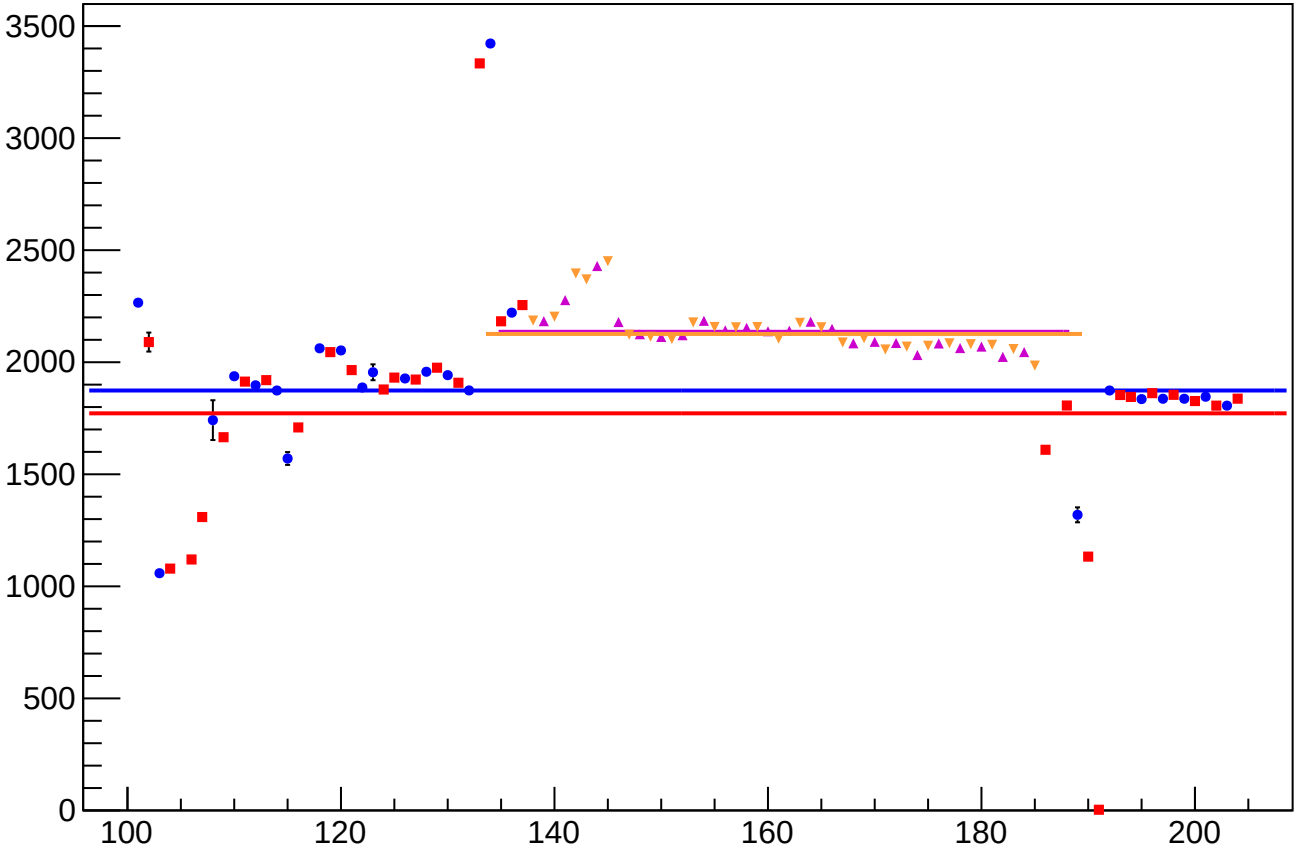
Right: -1342.107+/-0.000 χ^2/NDF: 3742159.2/52

In: -1342.107+/-0.000 χ^2/NDF:4723586.3/46

Out: -1678.389+/-0.189 χ^2/NDF:2774374.2/53

All: -1342.107+/-0.000 χ^2/NDF: 10672138.6/

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 207225.1/23

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1771.987+/-0.233 χ^2/NDF: 3350768.4/28

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

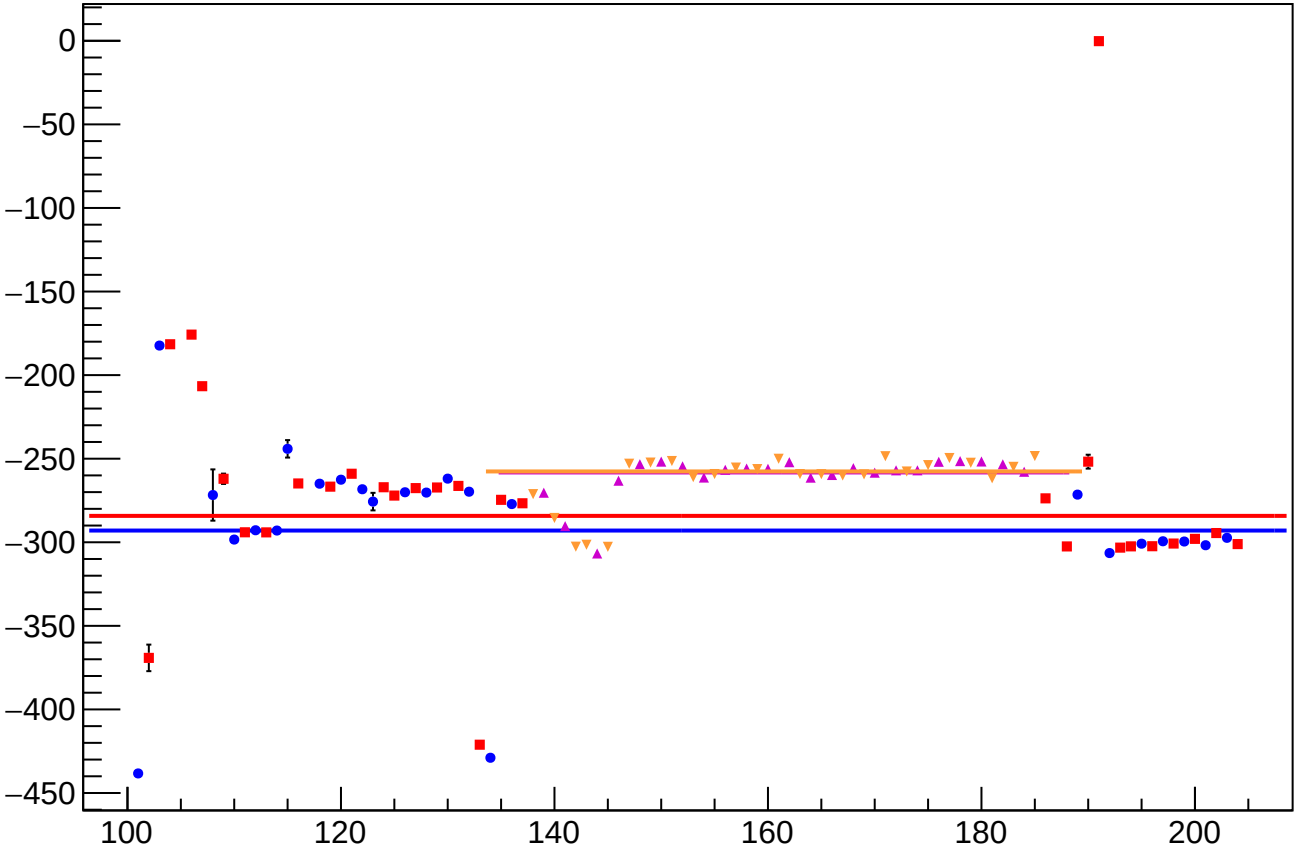
Right: 1873.852+/-0.000 χ^2/NDF: 3749919.6/52

In: 1873.852+/-0.000 χ^2/NDF:1083703.0/46

Out: 1895.737+/-0.188 χ^2/NDF:4209688.7/53

All: 1873.852+/-0.000 χ^2/NDF: 5307009.0/10

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1062729.8/23

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -284.210+/-0.031 χ^2/NDF: 1996188.7/28

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

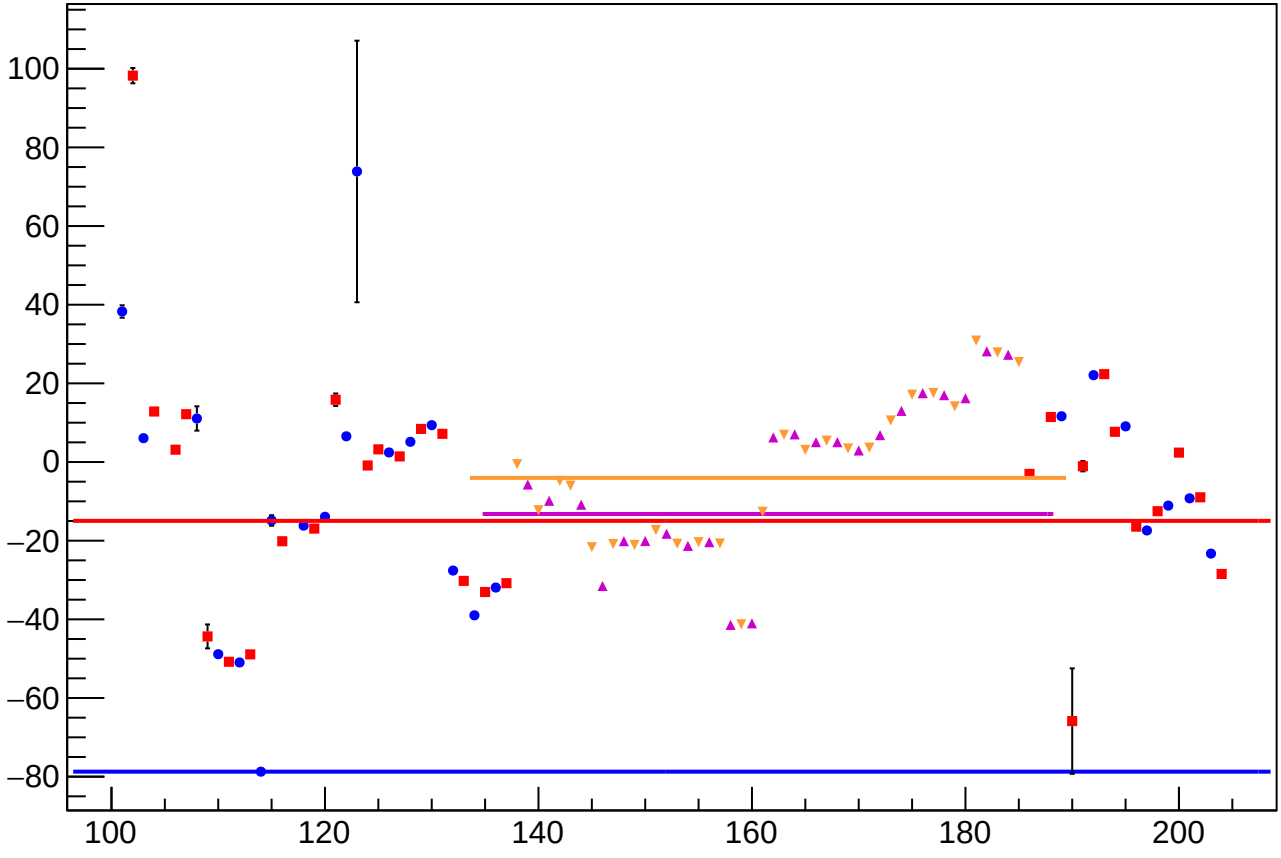
Right: -292.986+/-0.000 χ^2/NDF: 3137746.4/52

In: -292.986+/-0.000 χ^2/NDF:5277564.7/46

Out: -265.274+/-0.017 χ^2/NDF:2738263.1/53

All: -292.986+/-0.000 χ^2/NDF: 10749509.1/1

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1676543.1/23

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -14.962+/-0.062 χ^2/NDF: 102409.5/28

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

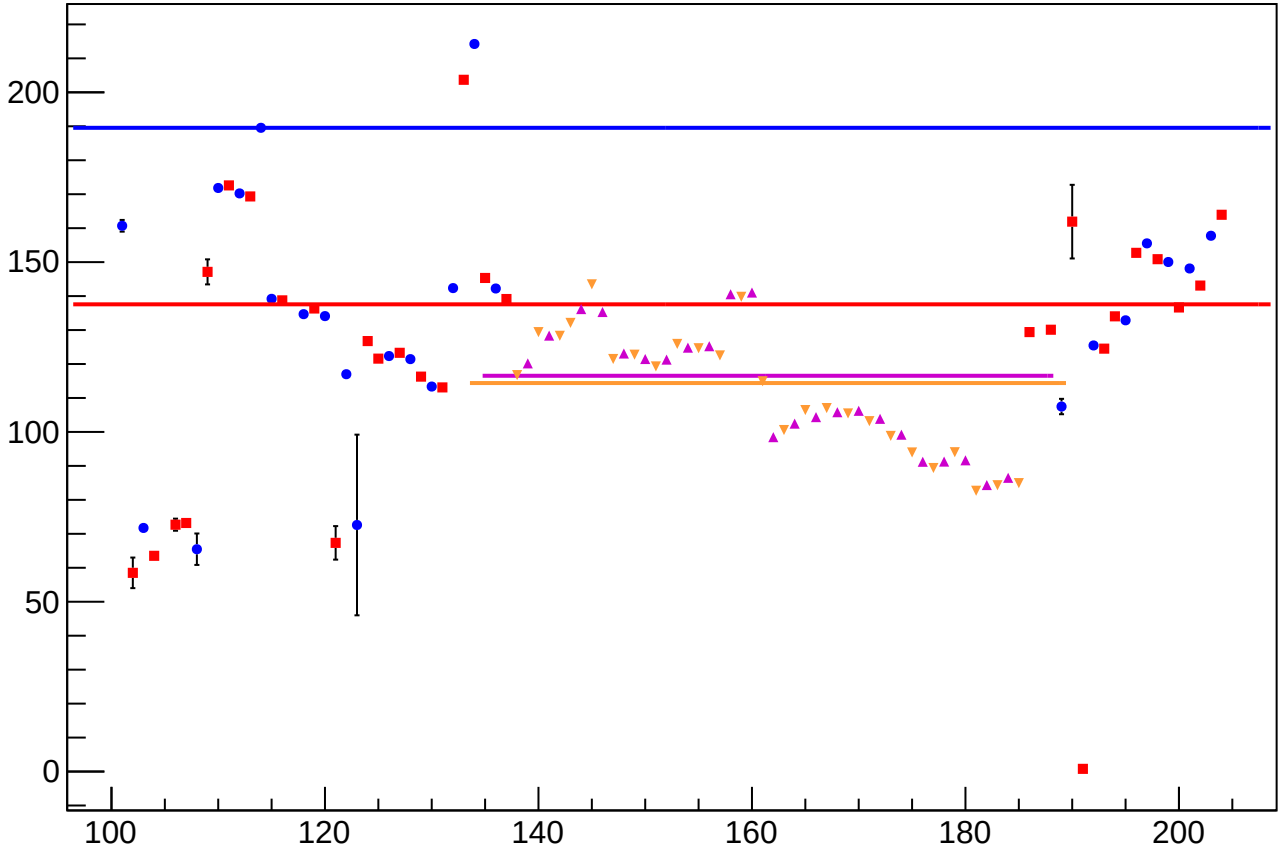
Right: -78.728+/-0.000 χ^2/NDF: 2821115.8/52

In: -78.728+/-0.000 χ^2/NDF:18029351.5/46

Out: -4.795+/-0.016 χ^2/NDF:1500498.2/53

All: -78.728+/-0.000 χ^2/NDF: 39684237.0/10

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 1049023.0/23

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.575+/-0.054 χ^2/NDF: 132952.6/28

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

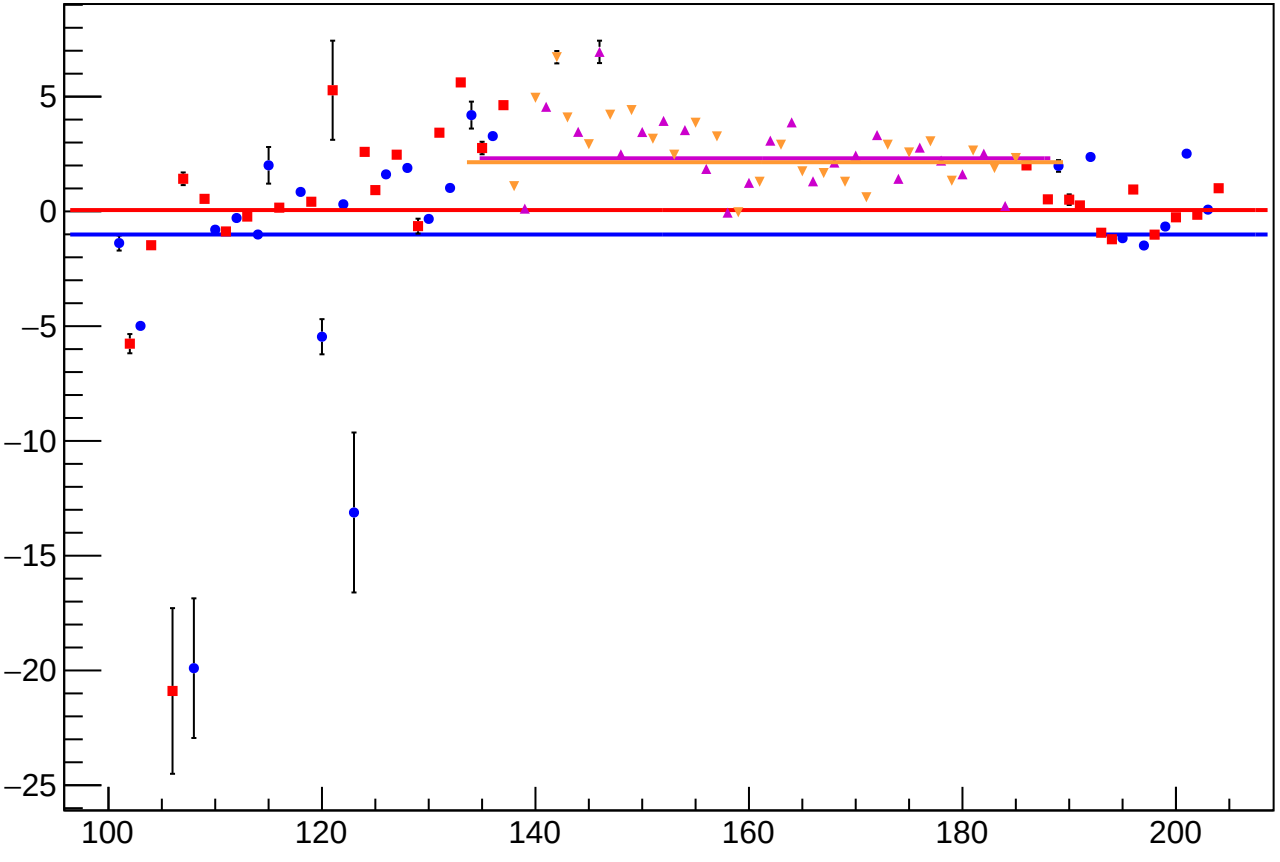
Right: 189.551+/-0.000 χ^2/NDF: 2110829.2/52

In: 189.551+/-0.000 χ^2/NDF:11068964.2/46

Out: 117.850+/-0.021 χ^2/NDF:725015.4/53

All: 189.551+/-0.000 χ^2/NDF: 23651897.5/10

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 8700.6/23

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.058+/-0.013 χ^2/NDF: 6167.0/28

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

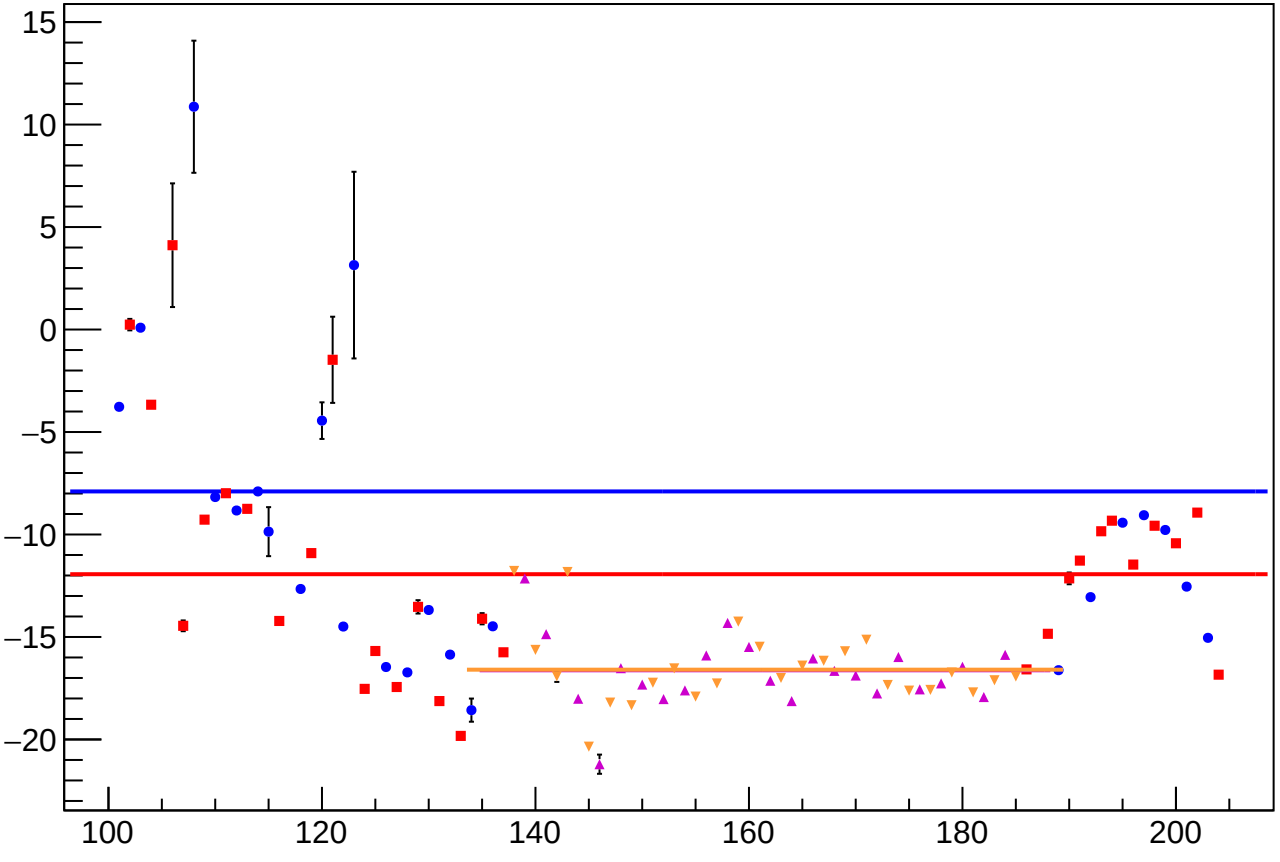
Right: -1.007+/-0.000 χ^2/NDF: 21783.9/52

In: -1.007+/-0.000 χ^2/NDF:71870.9/46

Out: 0.961+/-0.010 χ^2/NDF:24228.1/53

All: -1.007+/-0.000 χ^2/NDF: 137760.6/100

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 52420.1/23

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -11.937+/-0.014 χ^2/NDF: 46222.6/28

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

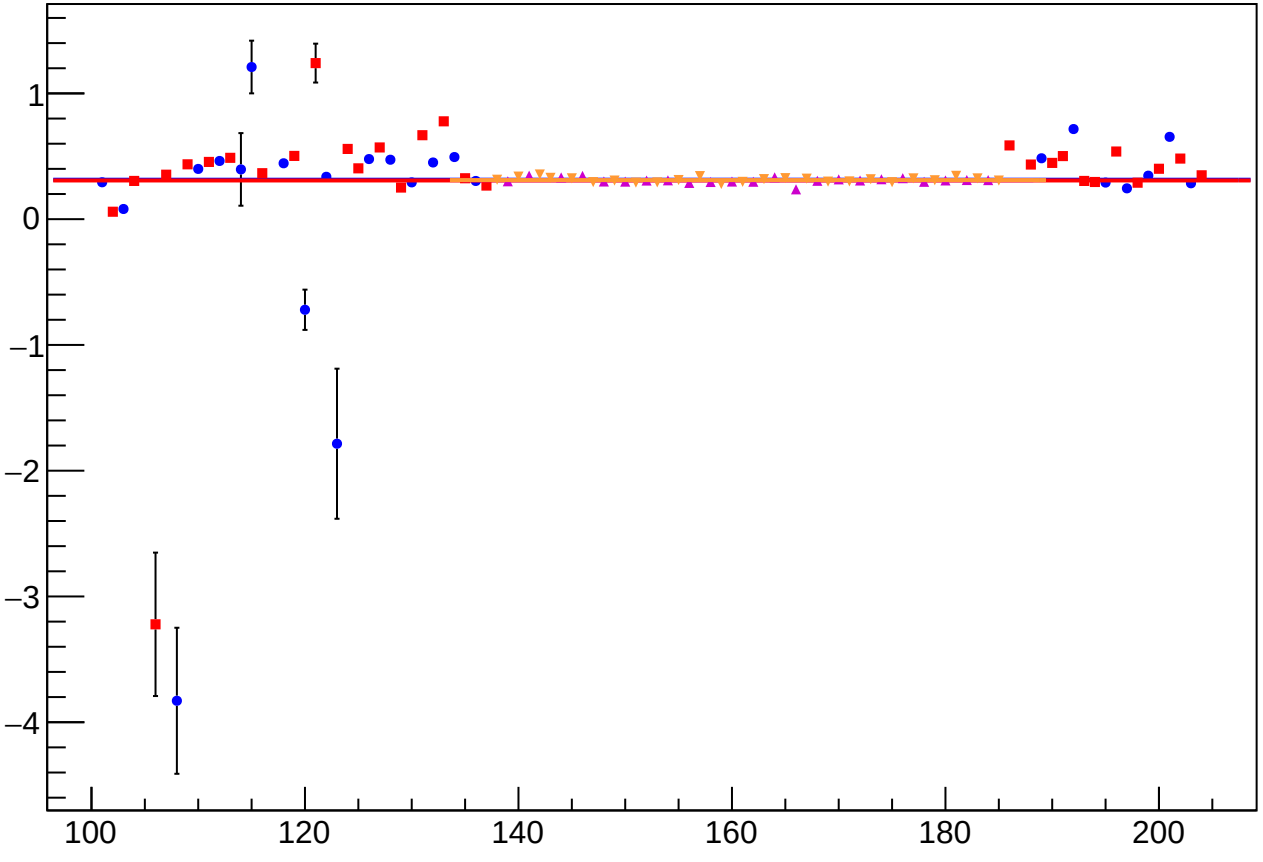
Right: -7.899+/-0.000 χ^2/NDF: 177498.0/52

In: -7.899+/-0.000 χ^2/NDF:411517.4/46

Out: -14.267+/-0.010 χ^2/NDF:107114.3/53

All: -7.899+/-0.000 χ^2/NDF: 910873.5/100

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 3707.9/23

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.308+/-0.001 χ^2/NDF: 8482.8/28

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

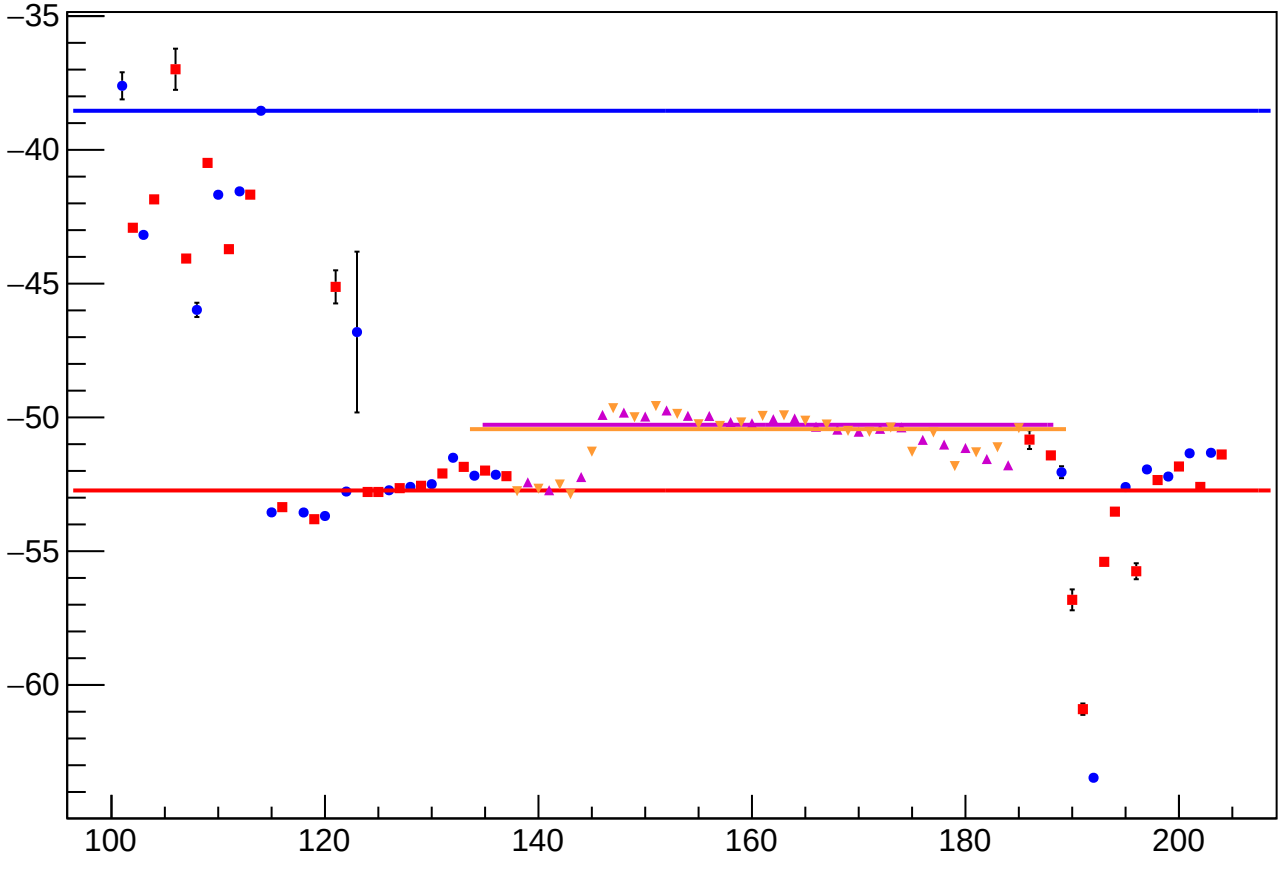
Right: 0.310+/-0.001 χ^2/NDF: 12214.6/52

In: 0.310+/-0.000 χ^2/NDF:6798.5/46

Out: 0.311+/-0.000 χ^2/NDF:13471.2/53

All: 0.310+/-0.000 χ^2/NDF: 20271.2/100

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 15275040.1/23

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.730+/-0.002 χ^2/NDF: 85897.0/28

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

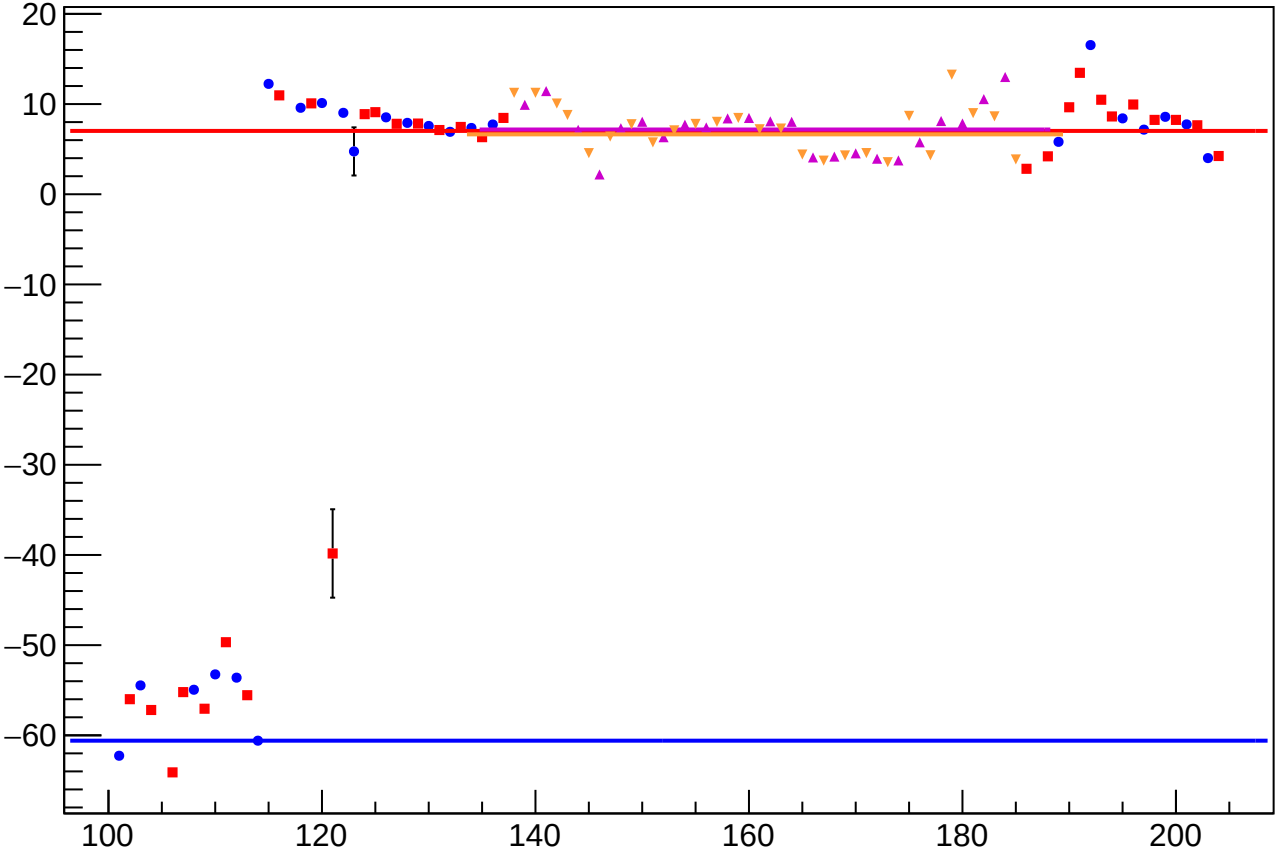
Right: -38.539+/-0.000 χ^2/NDF: 73071753.2/52

In: -38.539+/-0.000 χ^2/NDF:103434101.2/46

Out: -51.239+/-0.001 χ^2/NDF:1365045.4/53

All: -38.539+/-0.000 χ^2/NDF: 237110040.7/1

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 33603983.9/23

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 7.023+/-0.009 χ^2/NDF: 1169564.9/28

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

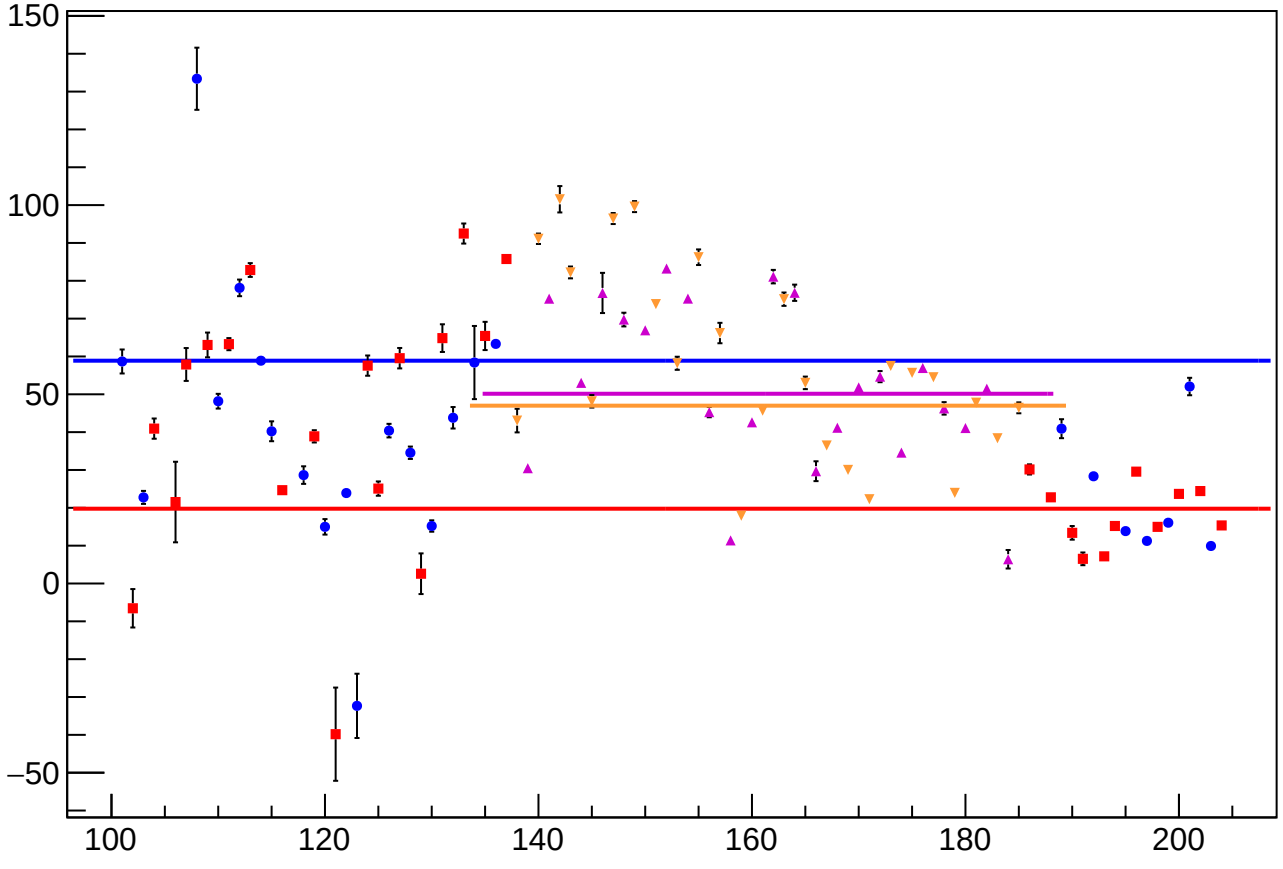
Right: -60.594+/-0.000 χ^2/NDF: 86894793.1/52

In: -60.594+/-0.000 χ^2/NDF:417674845.8/46

Out: 6.692+/-0.003 χ^2/NDF:1511467.3/53

All: -60.594+/-0.000 χ^2/NDF: 805371245.5/1

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 41805.0/23

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.766+/-0.144 χ^2/NDF: 10938.8/28

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

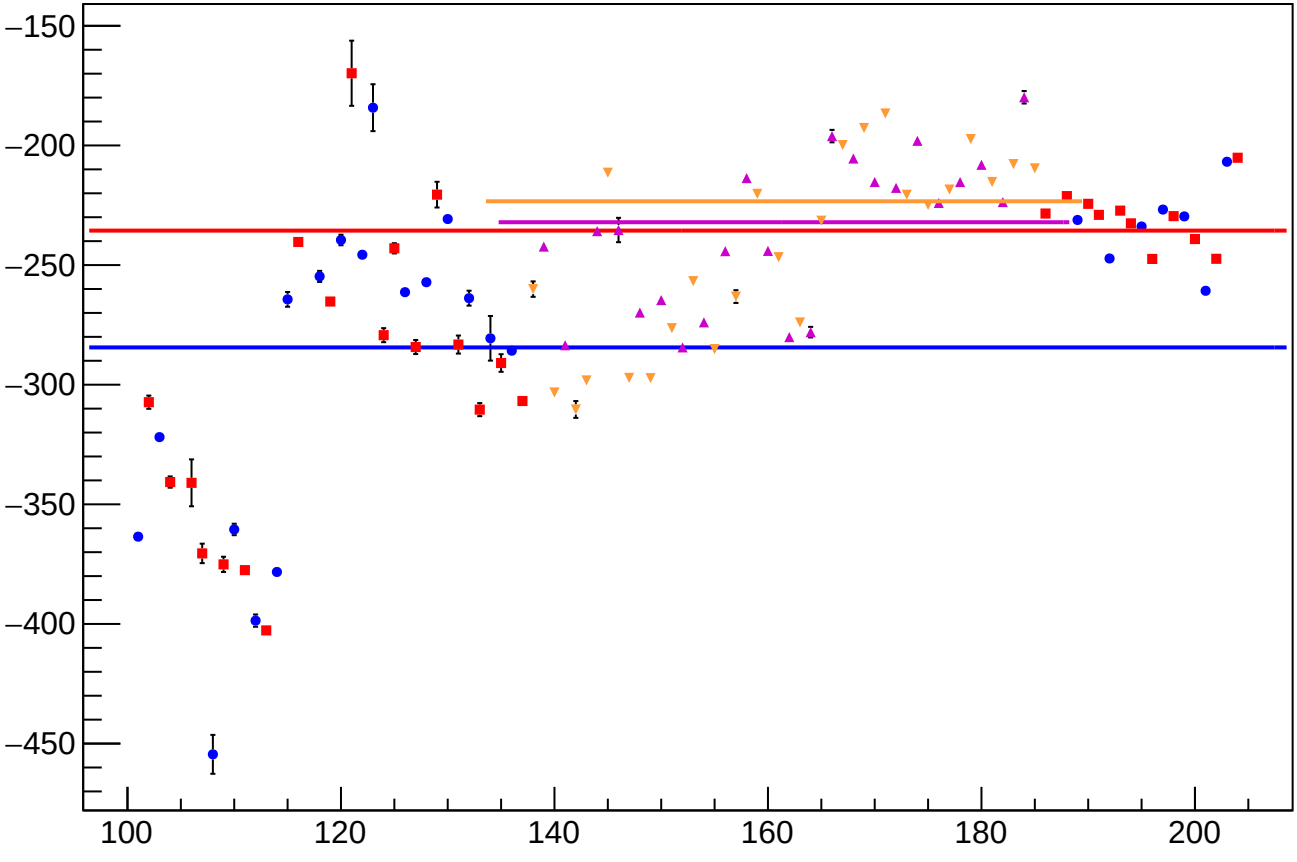
Right: 58.880+/-0.000 χ^2/NDF: 126952.0/52

In: 58.880+/-0.000 χ^2/NDF:50178.6/46

Out: 28.166+/-0.119 χ^2/NDF:31237.0/53

All: 58.880+/-0.000 χ^2/NDF: 147586.0/100

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -284.419+/-0.166 χ^2/NDF: 180070.2/23

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -235.592+/-0.130 χ^2/NDF: 31177.1/28

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

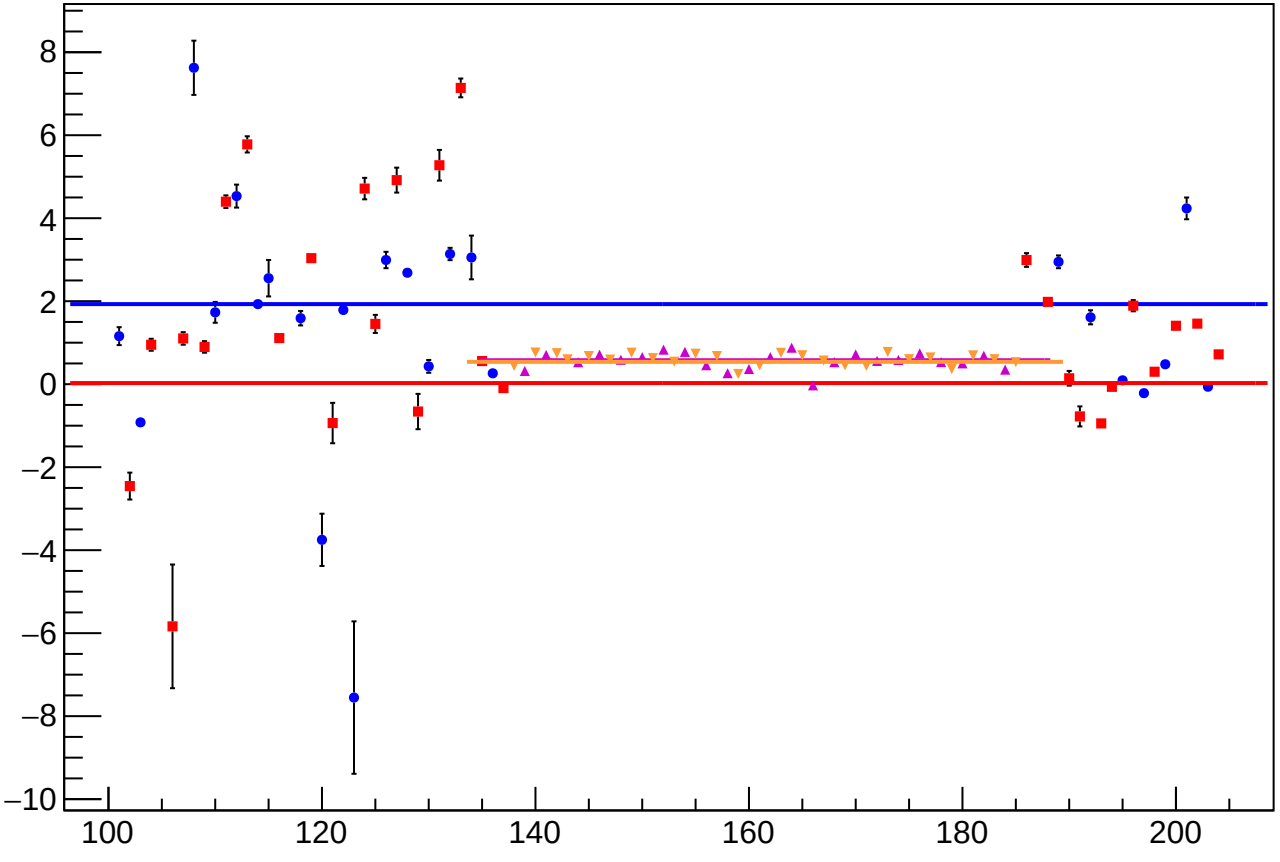
Right: -254.166+/-0.102 χ^2/NDF: 265055.5/52

In: -265.195+/-0.132 χ^2/NDF:234180.4/46

Out: -232.328+/-0.111 χ^2/NDF:55843.0/53

All: -245.997+/-0.085 χ^2/NDF: 326356.4/100

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 65623.8/23

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.028+/-0.004 χ^2/NDF: 12172.0/28

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

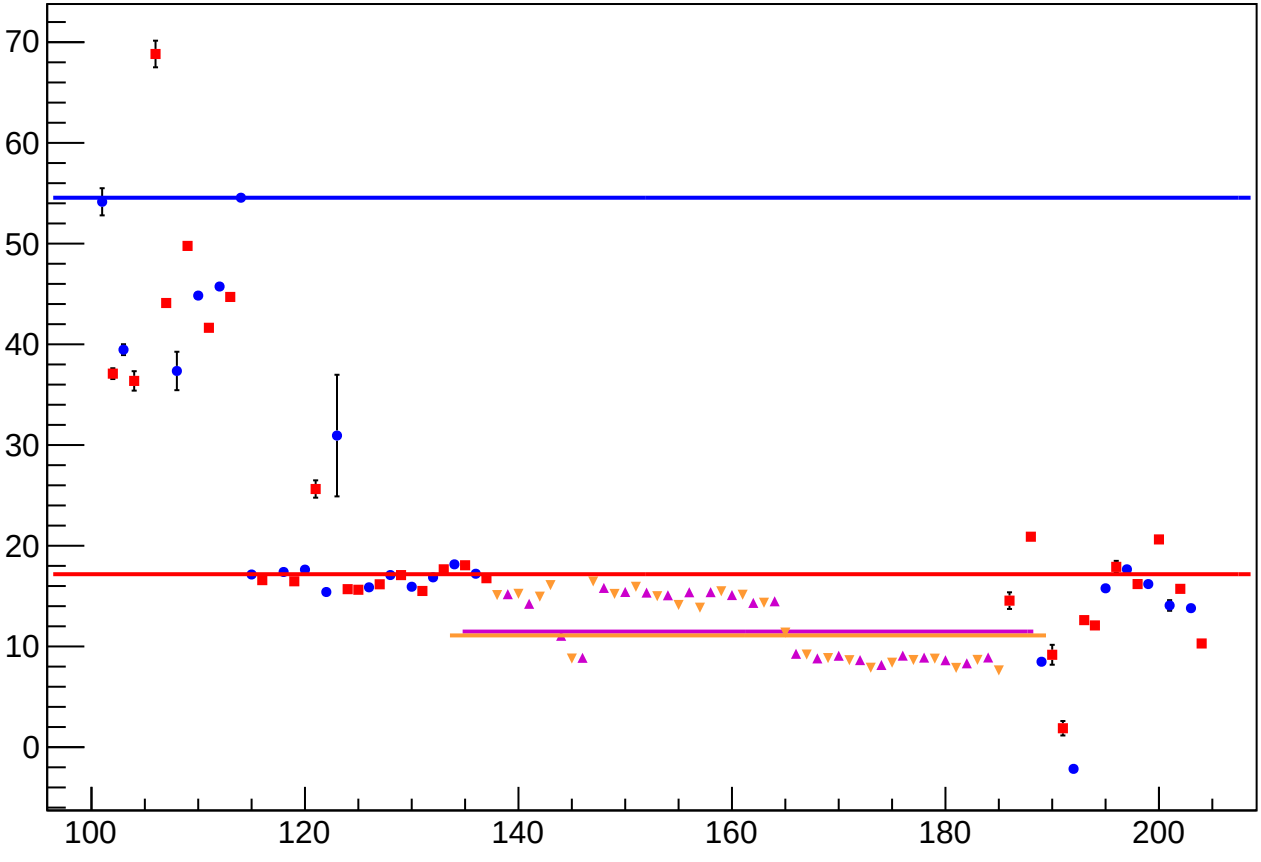
Right: 1.930+/-0.000 χ^2/NDF: 275717.6/52

In: 1.930+/-0.000 χ^2/NDF:950354.5/46

Out: 0.471+/-0.002 χ^2/NDF:35352.5/53

All: 1.930+/-0.000 χ^2/NDF: 1862524.9/100

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 9984538.5/23

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.174+/-0.018 χ^2/NDF: 63015.9/28

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

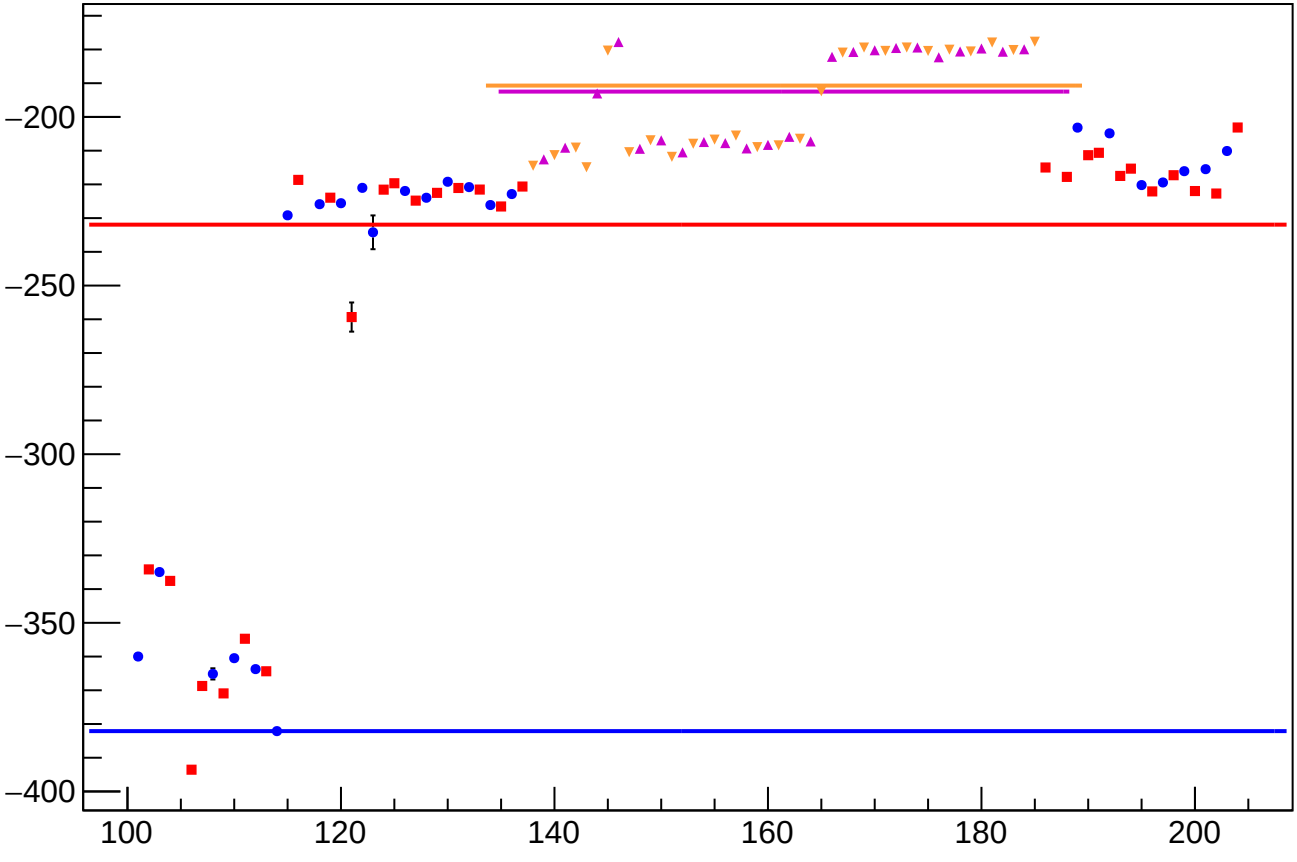
Right: 54.556+/-0.000 χ^2/NDF: 14381846.3/52

In: 54.556+/-0.000 χ^2/NDF:78311274.4/46

Out: 11.592+/-0.005 χ^2/NDF:549792.6/53

All: 54.556+/-0.000 χ^2/NDF: 148915380.9/10

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 20030667.1/23

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -231.938+/-0.045 χ^2/NDF: 666148.9/28

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

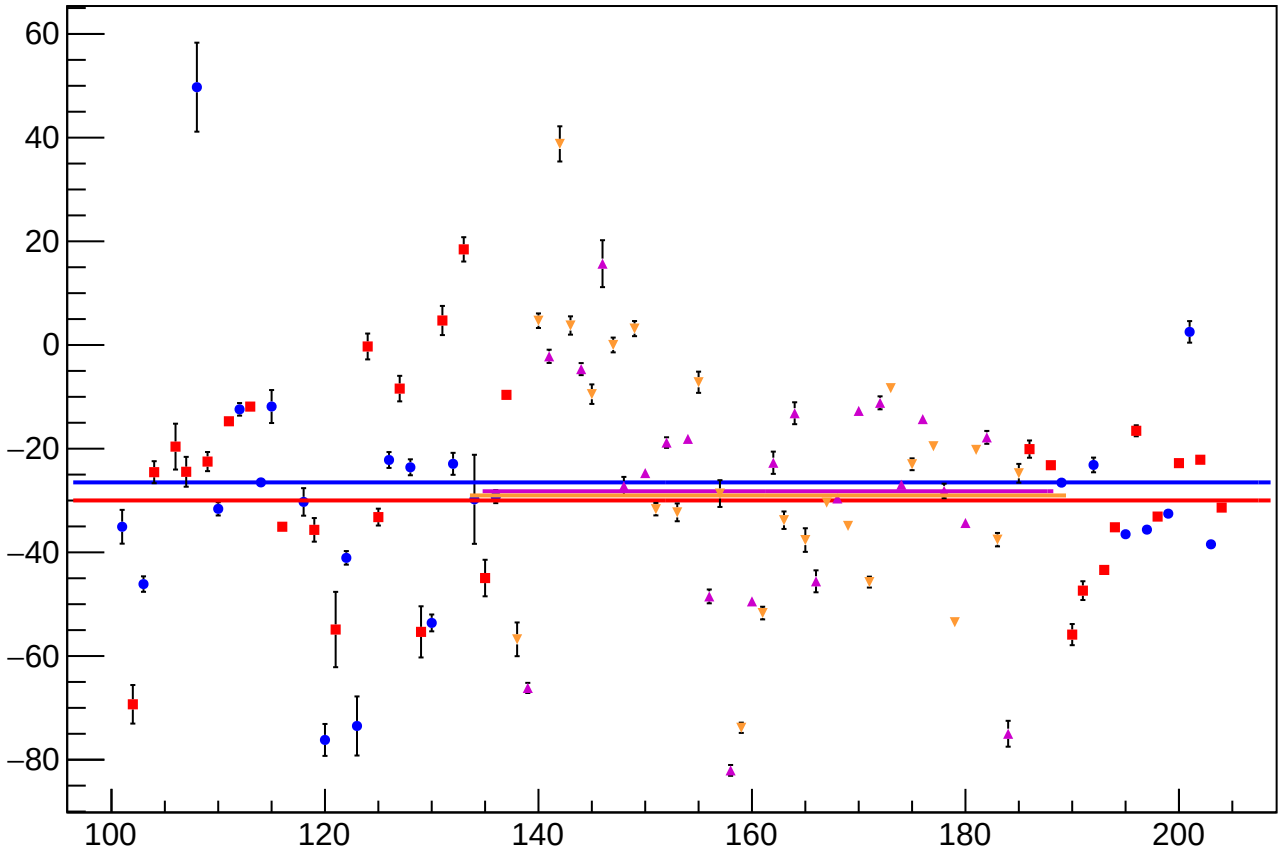
Right: -382.108+/-0.000 χ^2/NDF: 31844240.0/52

In: -382.108+/-0.000 χ^2/NDF:298644823.4/46

Out: -193.093+/-0.011 χ^2/NDF:3060163.6/53

All: -382.108+/-0.000 χ^2/NDF: 606397226.6/

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 2682.7/23

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -29.987+/-0.153 χ^2/NDF: 4893.7/28

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

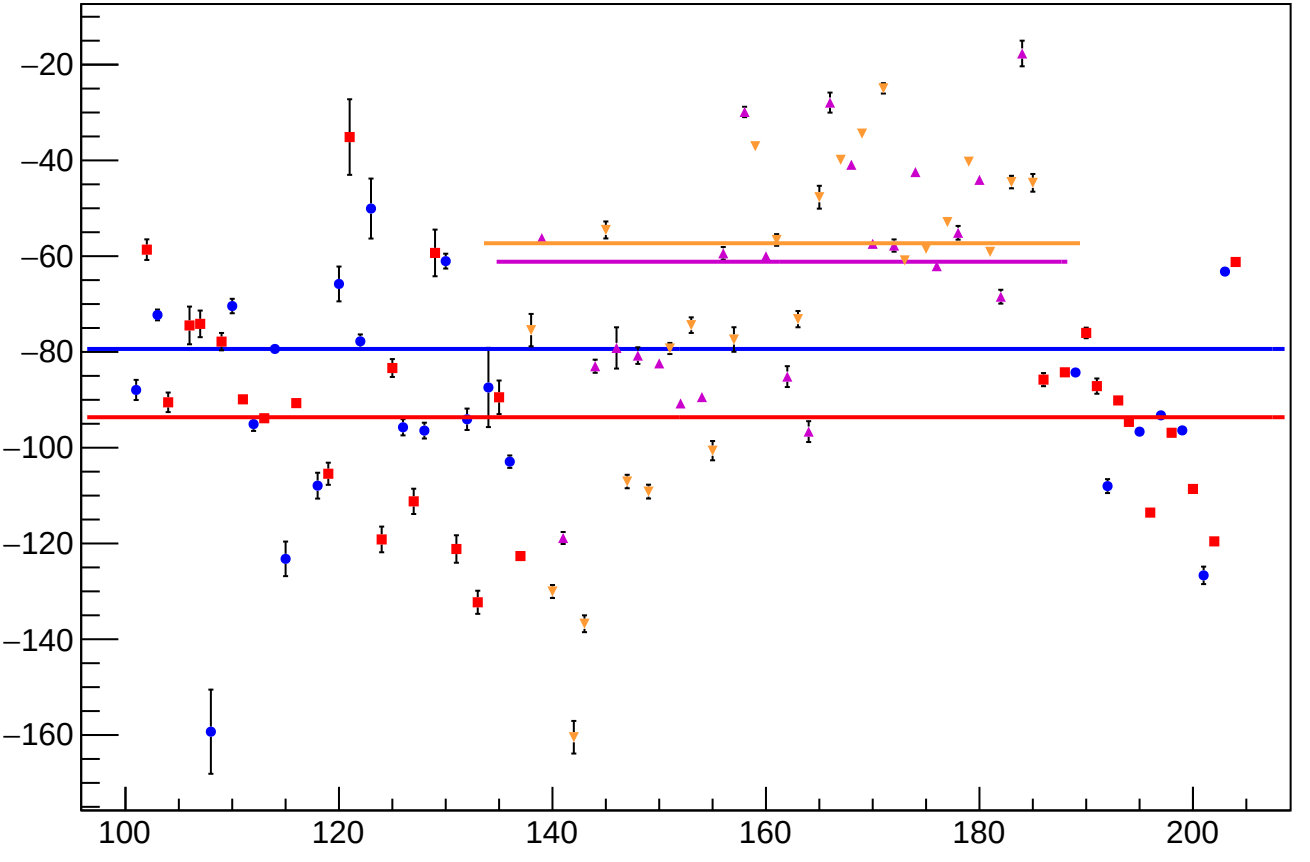
Right: -26.504+/-0.000 χ^2/NDF: 8096.3/52

In: -26.504+/-0.000 χ^2/NDF:10532.8/46

Out: -29.700+/-0.128 χ^2/NDF:12016.0/53

All: -26.504+/-0.000 χ^2/NDF: 23171.9/100

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 6020.2/23

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -93.633+/-0.132 χ^2/NDF: 7823.4/28

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

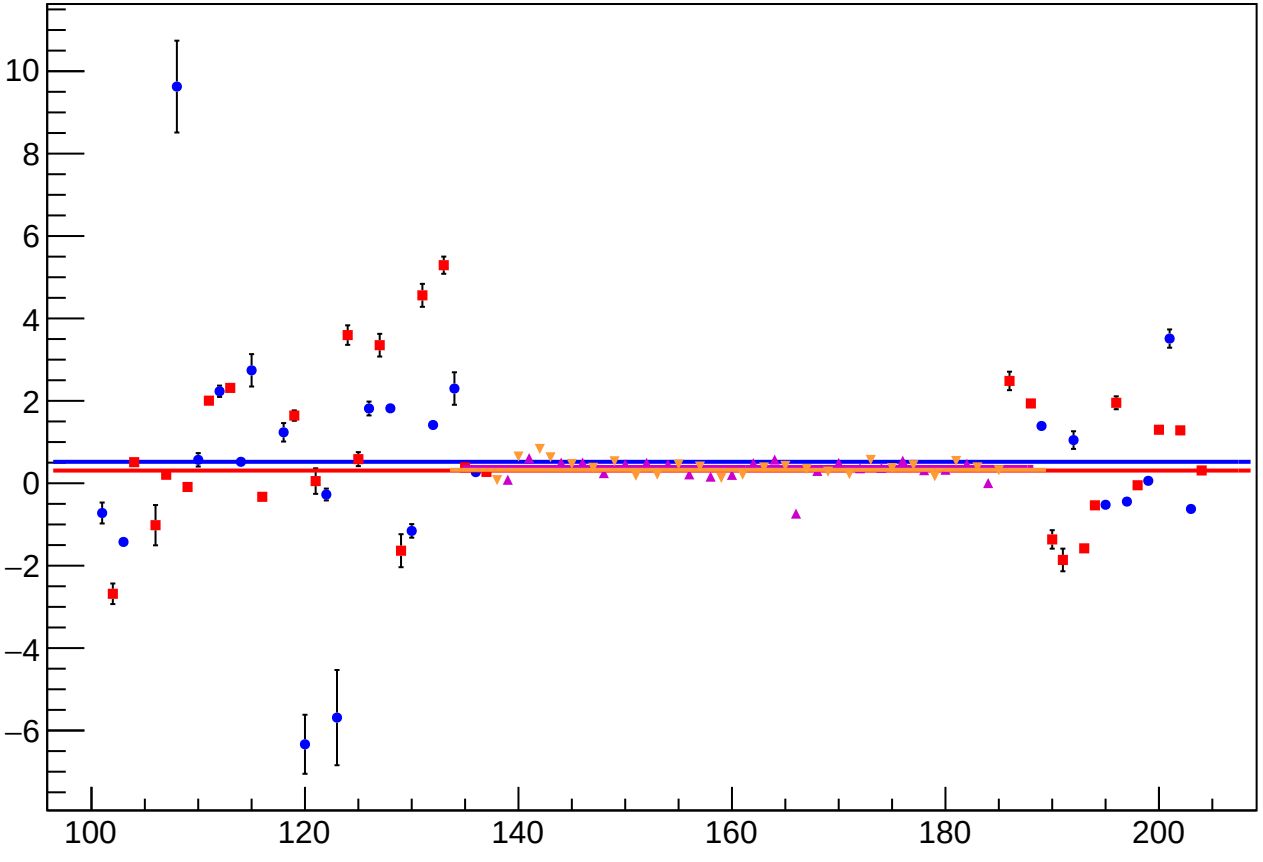
Right: -79.376+/-0.000 χ^2/NDF: 25549.3/52

In: -79.376+/-0.000 χ^2/NDF:21967.7/46

Out: -84.607+/-0.114 χ^2/NDF:39778.1/53

All: -79.376+/-0.000 χ^2/NDF: 63842.2/100

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 4526.2/23

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.308+/-0.010 χ^2/NDF: 6378.1/28

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

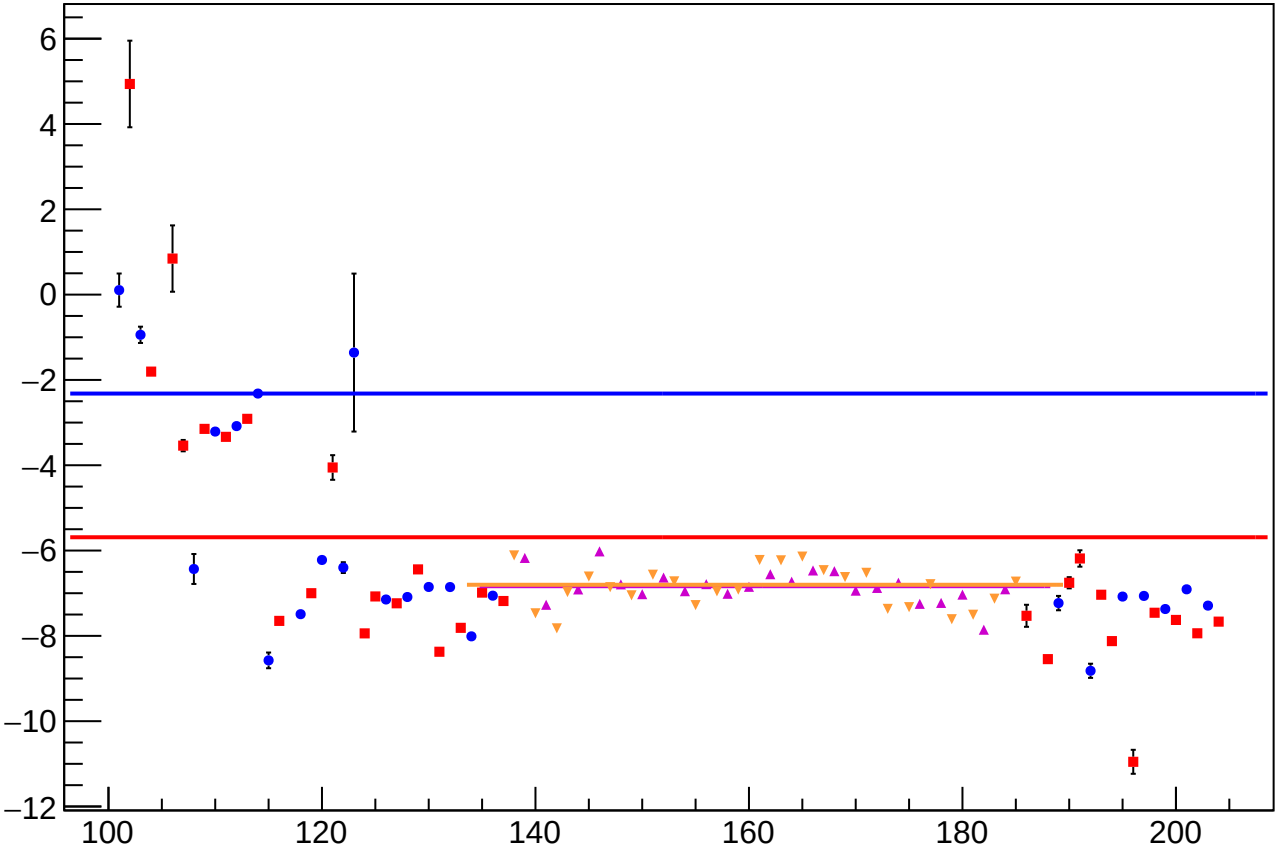
Right: 0.521+/-0.000 χ^2/NDF: 11369.2/52

In: 0.521+/-0.000 χ^2/NDF:23435.0/46

Out: 0.326+/-0.002 χ^2/NDF:16800.6/53

All: 0.521+/-0.000 χ^2/NDF: 55450.5/100

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 307313.8/23

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.688+/-0.009 χ^2/NDF: 68504.6/28

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

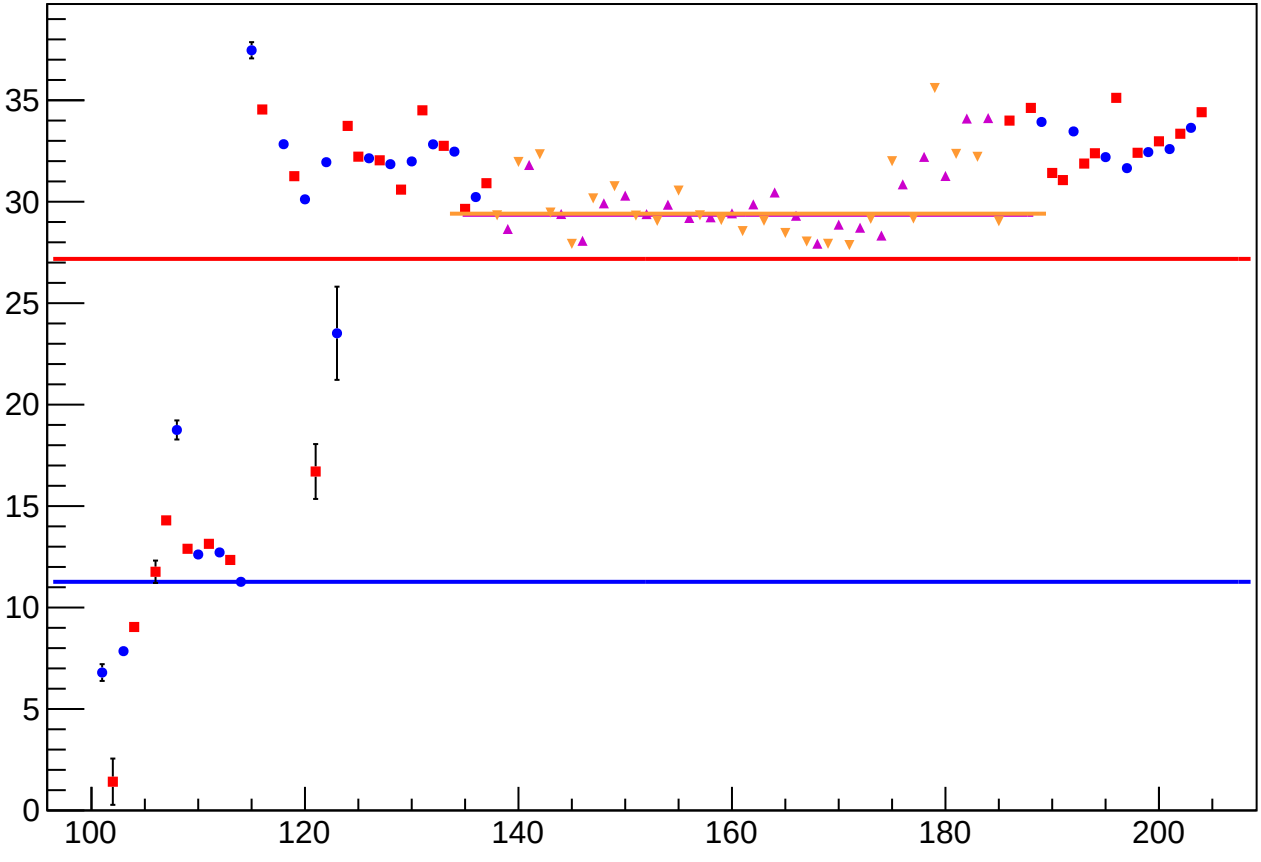
Right: -2.320+/-0.000 χ^2/NDF: 525784.4/52

In: -2.320+/-0.000 χ^2/NDF:3828638.9/46

Out: -6.718+/-0.002 χ^2/NDF:98578.8/53

All: -2.320+/-0.000 χ^2/NDF: 7309935.4/100

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 1710270.5/23

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 27.182+/-0.013 χ^2/NDF: 546218.7/28

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

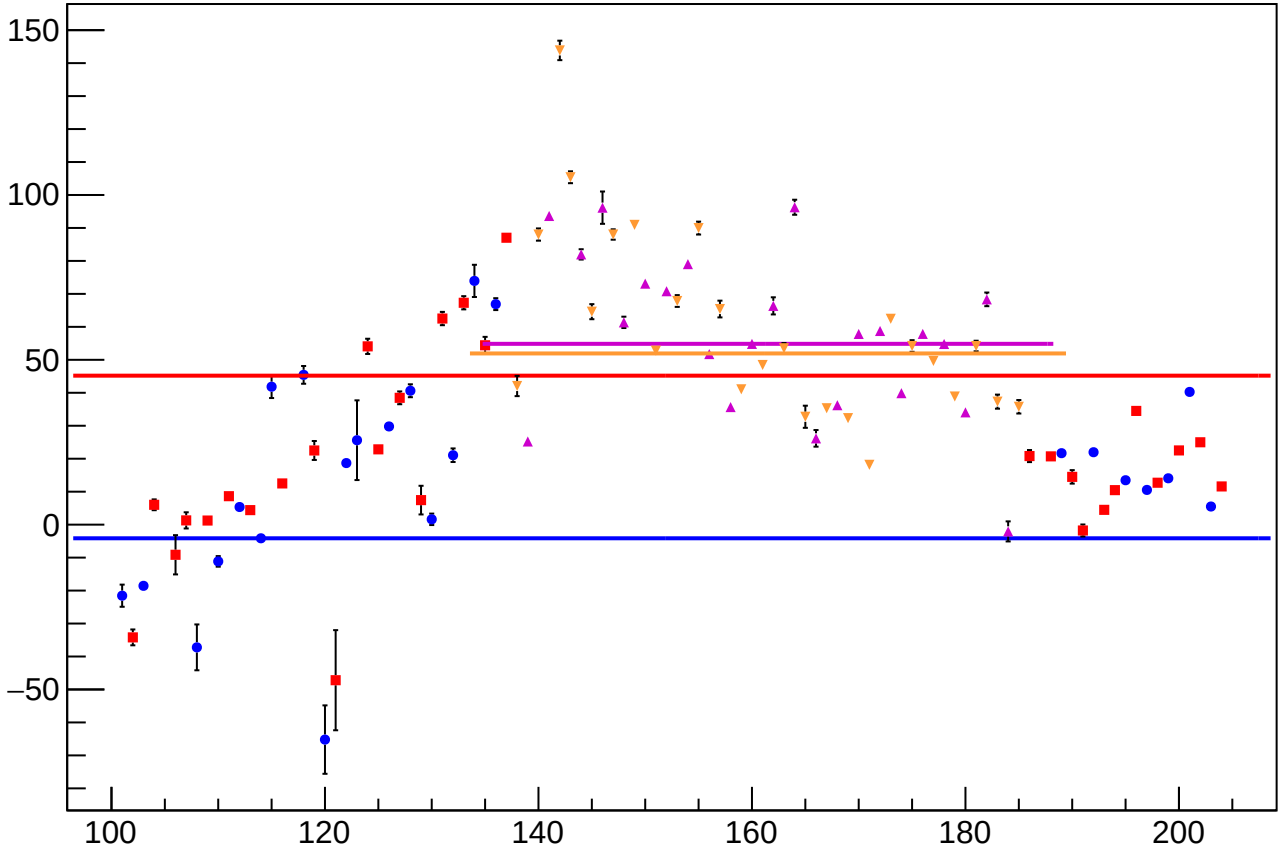
Right: 11.268+/-0.000 χ^2/NDF: 3871750.9/52

In: 11.268+/-0.000 χ^2/NDF:6989204.3/46

Out: 28.744+/-0.007 χ^2/NDF:612792.5/53

All: 11.268+/-0.000 χ^2/NDF: 14110309.7/100

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 9231.7/23

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 45.192+/-0.145 χ^2/NDF: 64406.1/28

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

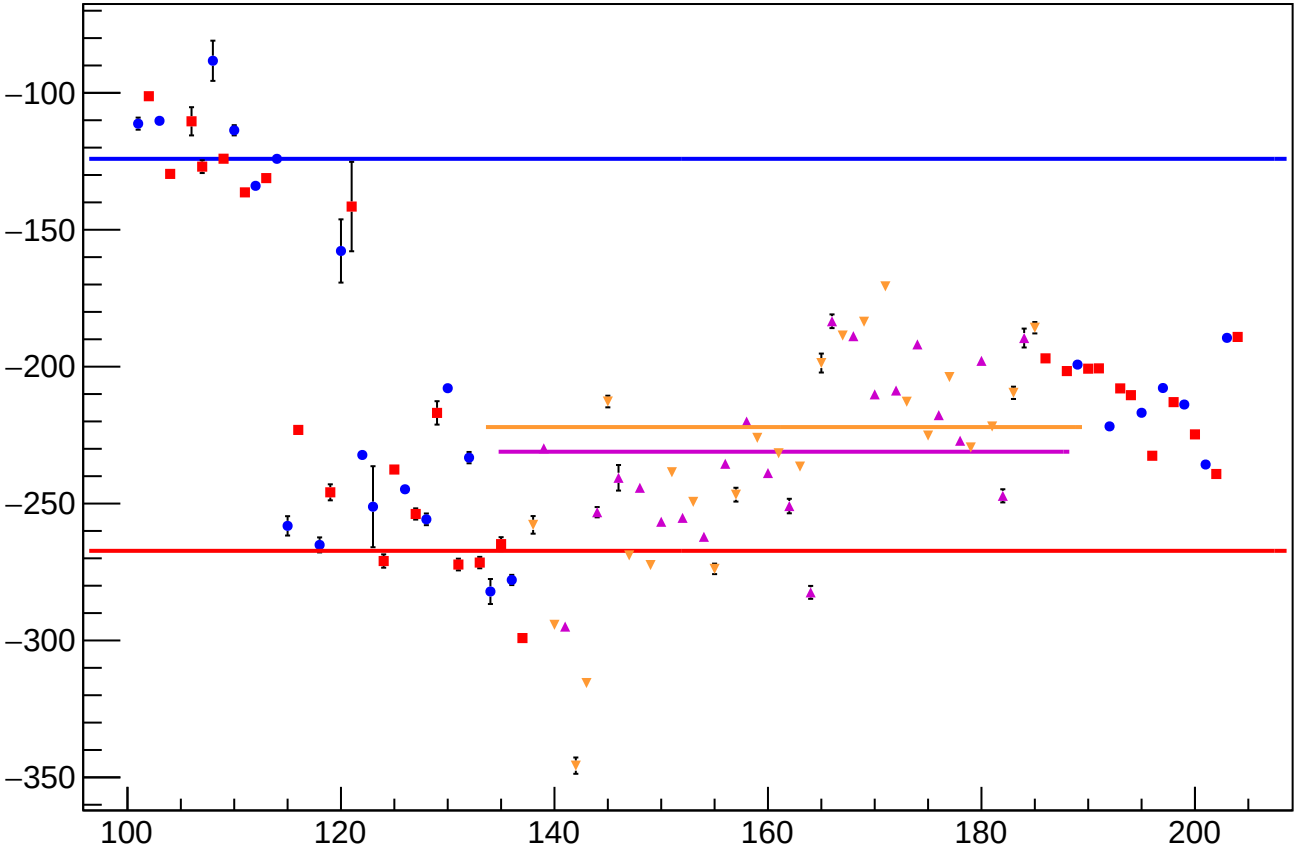
Right: -4.139+/-0.000 χ^2/NDF: 189923.0/52

In: -4.139+/-0.000 χ^2/NDF:72512.1/46

Out: 46.648+/-0.128 χ^2/NDF:71100.4/53

All: -4.139+/-0.000 χ^2/NDF: 300834.8/100

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 144704.8/23

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -267.265+/-0.101 χ^2/NDF: 227604.5/28

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

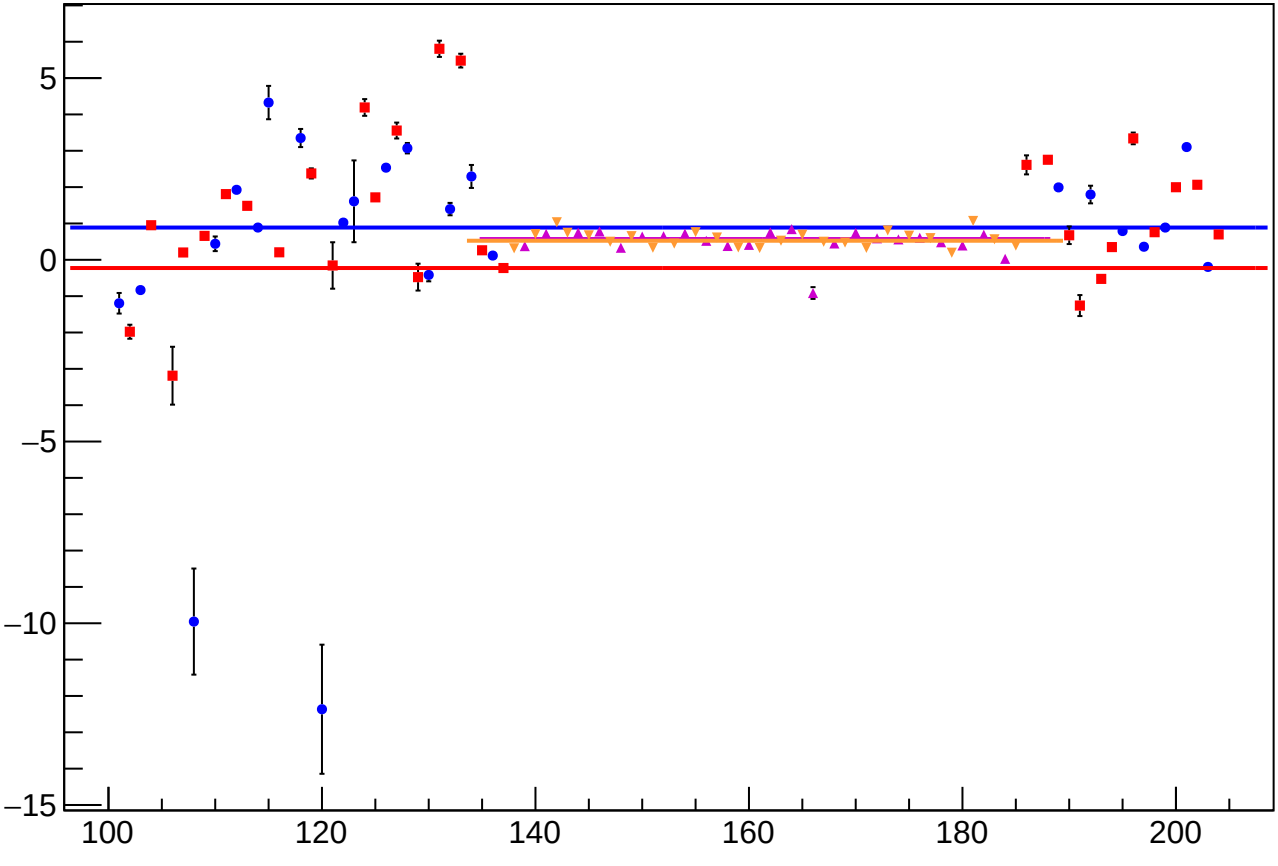
Right: -124.095+/-0.000 χ^2/NDF: 2386581.2/52

In: -124.095+/-0.000 χ^2/NDF:340583.8/46

Out: -261.806+/-0.095 χ^2/NDF:267665.2/53

All: -124.095+/-0.000 χ^2/NDF: 2727826.6/10

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 9298.1/23

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 8689.8/28

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

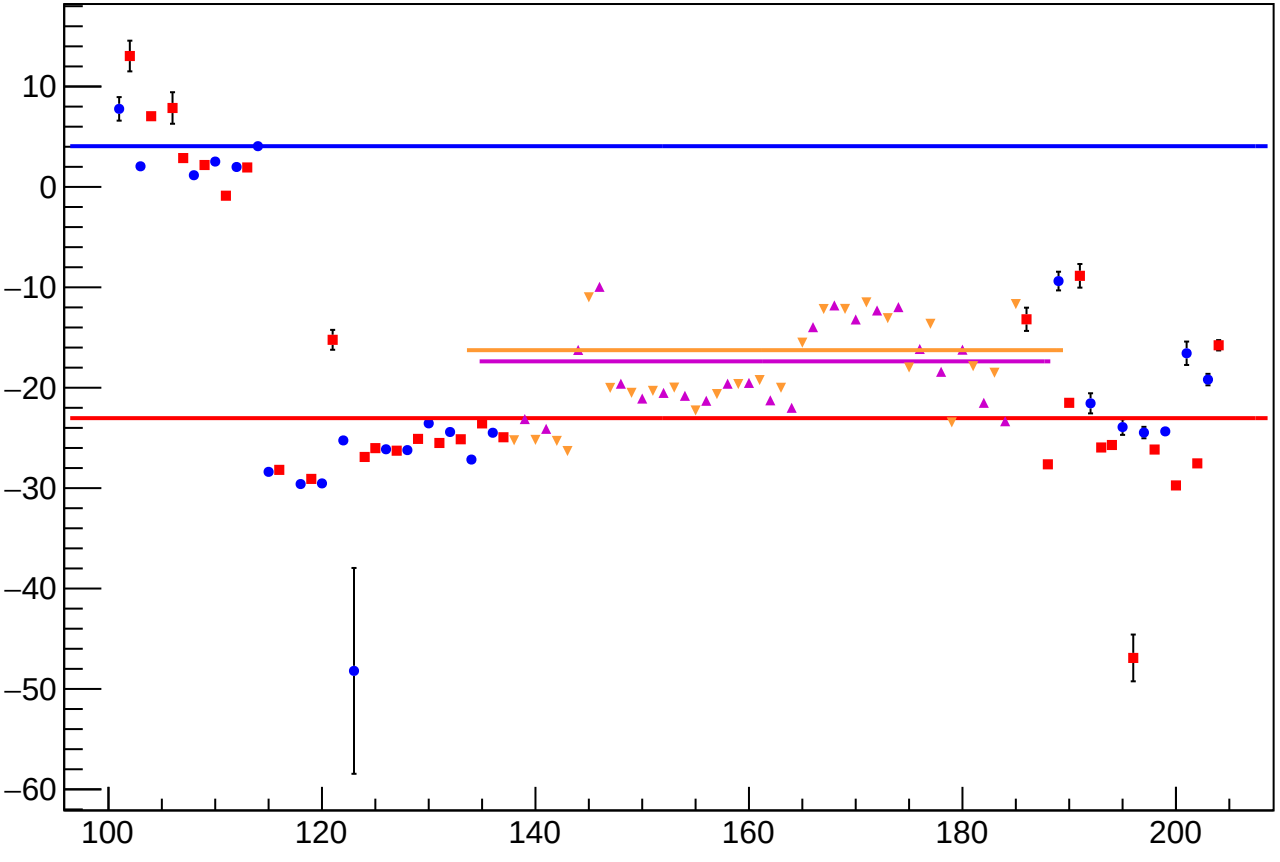
Right: 0.888+/-0.000 χ^2/NDF: 422223024.4/52

In: 0.888+/-0.000 χ^2/NDF:40327.6/46

Out: -0.225+/-0.000 χ^2/NDF:156418.5/53

All: 0.888+/-0.000 χ^2/NDF: 422295601.1/100

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1257730.1/23

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -23.029+/-0.026 χ^2/NDF: 117608.2/28

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

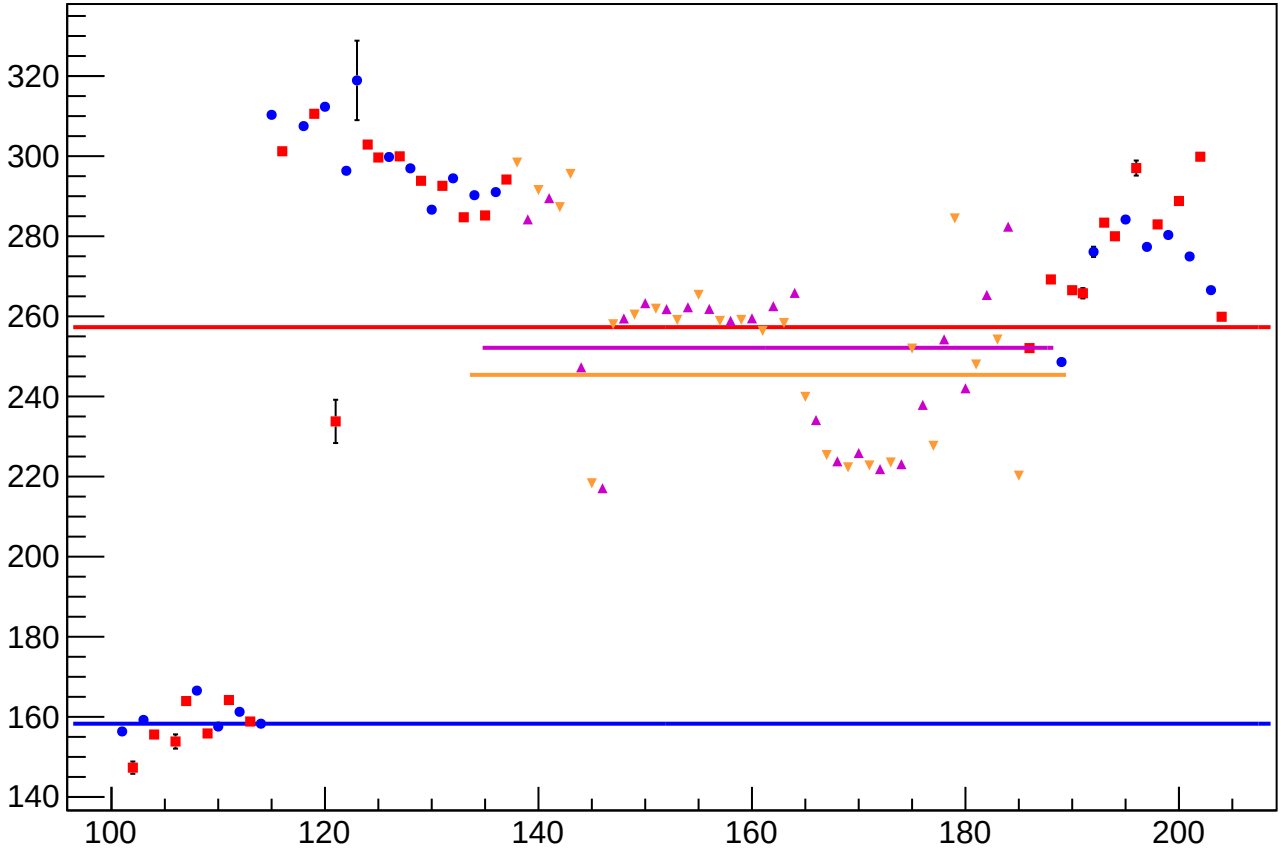
Right: 4.057+/-0.000 χ^2/NDF: 2475968.5/52

In: 4.057+/-0.000 χ^2/NDF:6657483.3/46

Out: -17.145+/-0.009 χ^2/NDF:365878.2/53

All: 4.057+/-0.000 χ^2/NDF: 12180131.8/100

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2619550.4/23

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 257.304+/-0.060 χ^2/NDF: 976343.9/28

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

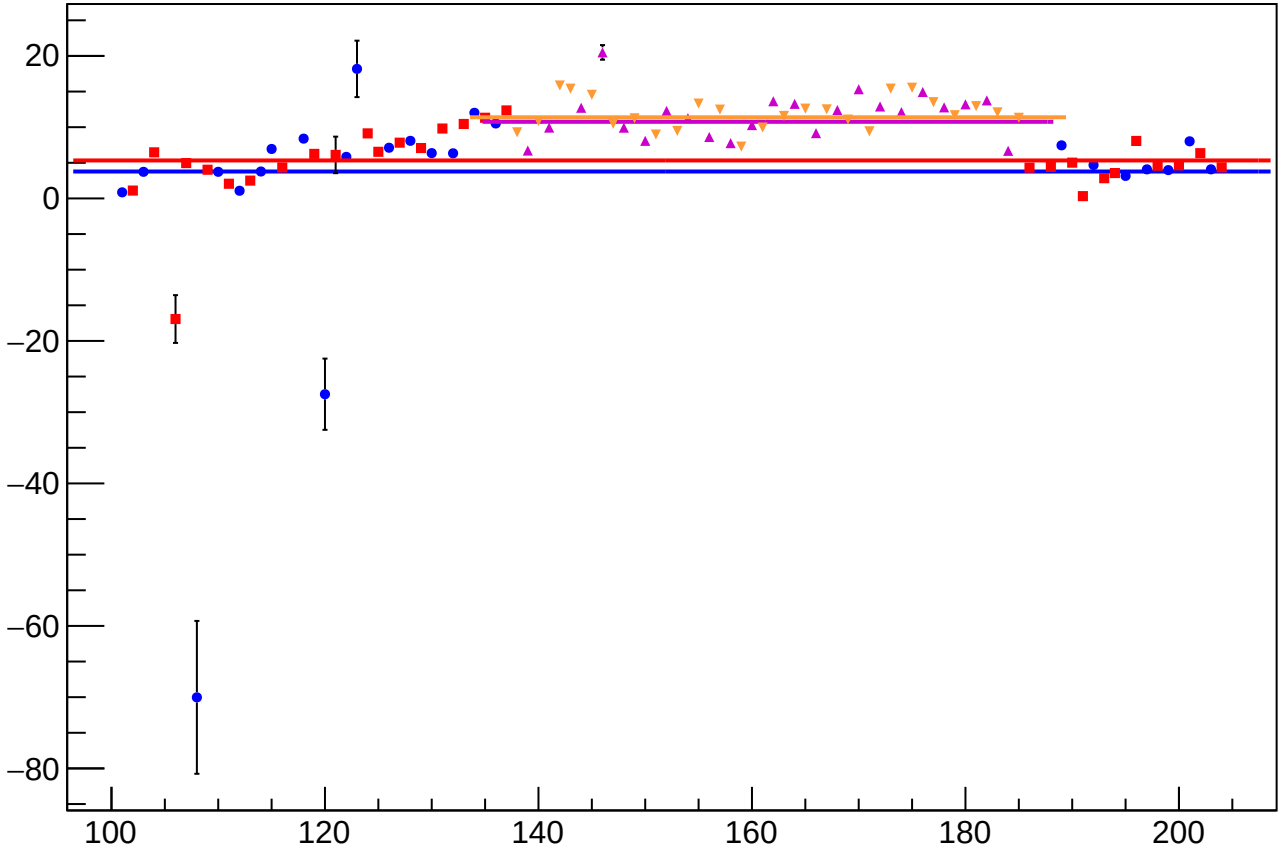
Right: 158.293+/-0.000 χ^2/NDF: 6313252.8/52

In: 158.293+/-0.000 χ^2/NDF:13942602.9/46

Out: 247.438+/-0.025 χ^2/NDF:1732487.7/53

All: 158.293+/-0.000 χ^2/NDF: 28490470.1/10

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 7447.1/23

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.331+/-0.020 χ^2/NDF: 20457.2/28

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

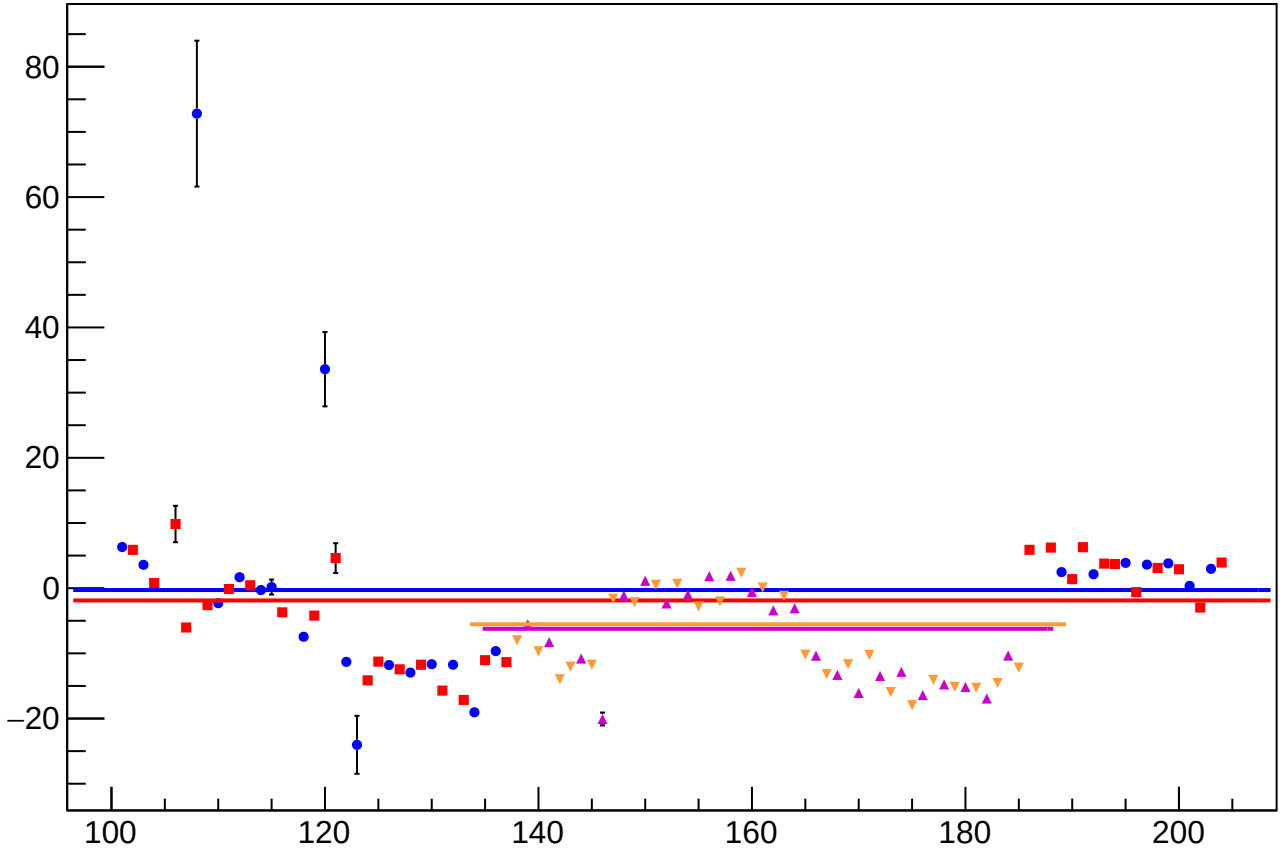
Right: 3.778+/-0.000 χ^2/NDF: 33826.7/52

In: 3.778+/-0.000 χ^2/NDF:80732.0/46

Out: 7.210+/-0.017 χ^2/NDF:52725.6/53

All: 3.778+/-0.000 χ^2/NDF: 175403.9/100

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 51840.2/23

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -1.880+/-0.021 χ^2/NDF: 115860.4/28

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

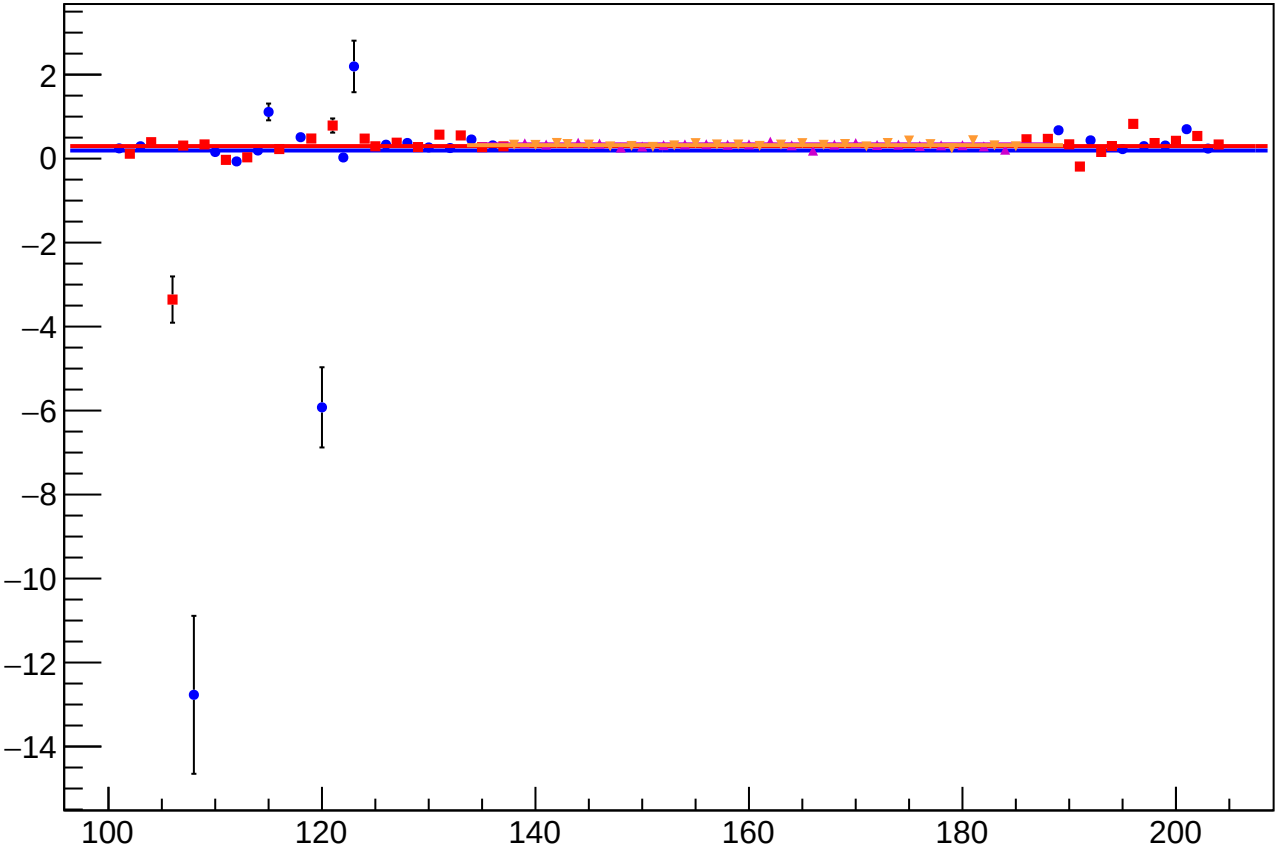
Right: -0.287+/-0.000 χ^2/NDF: 173706.6/52

In: -0.287+/-0.000 χ^2/NDF:153558.0/46

Out: -3.043+/-0.017 χ^2/NDF:169377.4/53

All: -0.287+/-0.000 χ^2/NDF: 349306.6/100

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 11312.2/23

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.298+/-0.001 χ^2/NDF: 8454.7/28

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

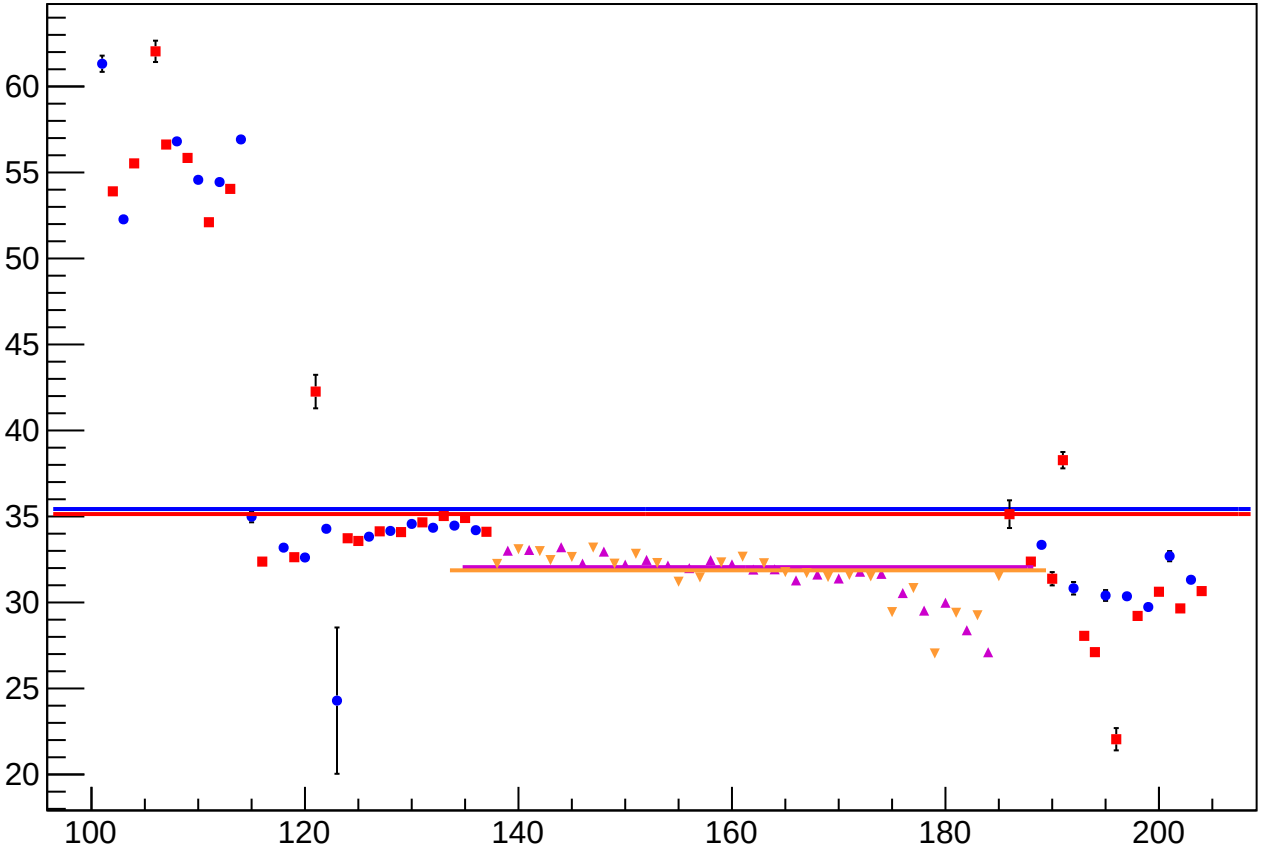
Right: 0.193+/-0.000 χ^2/NDF: 25671.6/52

In: 0.193+/-0.000 χ^2/NDF:92081.3/46

Out: 0.317+/-0.000 χ^2/NDF:12055.5/53

All: 0.193+/-0.000 χ^2/NDF: 173031.7/100

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.433+/-0.011 χ^2/NDF: 228286.2/23

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.140+/-0.010 χ^2/NDF: 283858.7/28

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

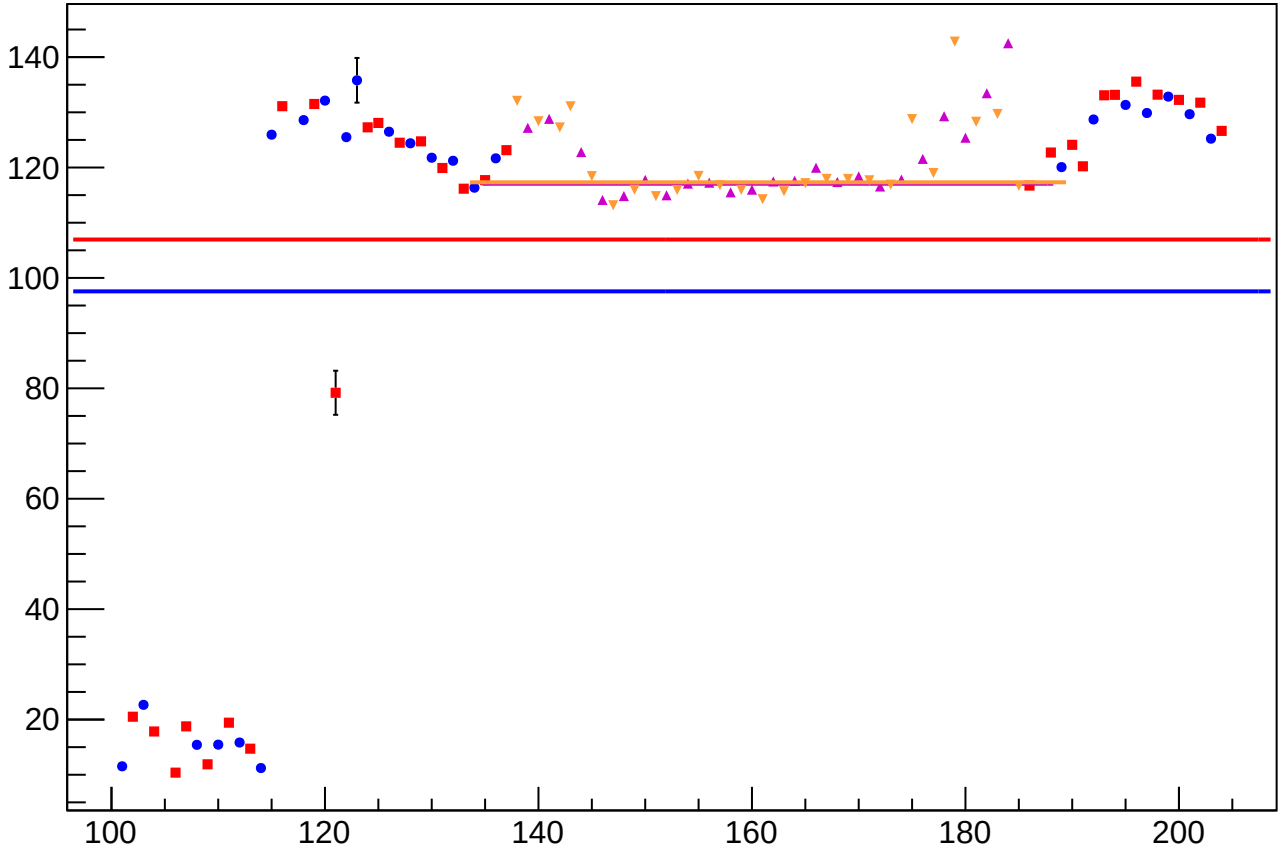
Right: 35.277+/-0.008 χ^2/NDF: 512516.5/52

In: 32.345+/-0.003 χ^2/NDF:345368.9/46

Out: 32.139+/-0.003 χ^2/NDF:436750.2/53

All: 32.233+/-0.002 χ^2/NDF: 784302.6/100

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 97.566+/-0.028 χ^2/NDF: 2879677.8/23

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 106.956+/-0.024 χ^2/NDF: 3513131.3/28

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

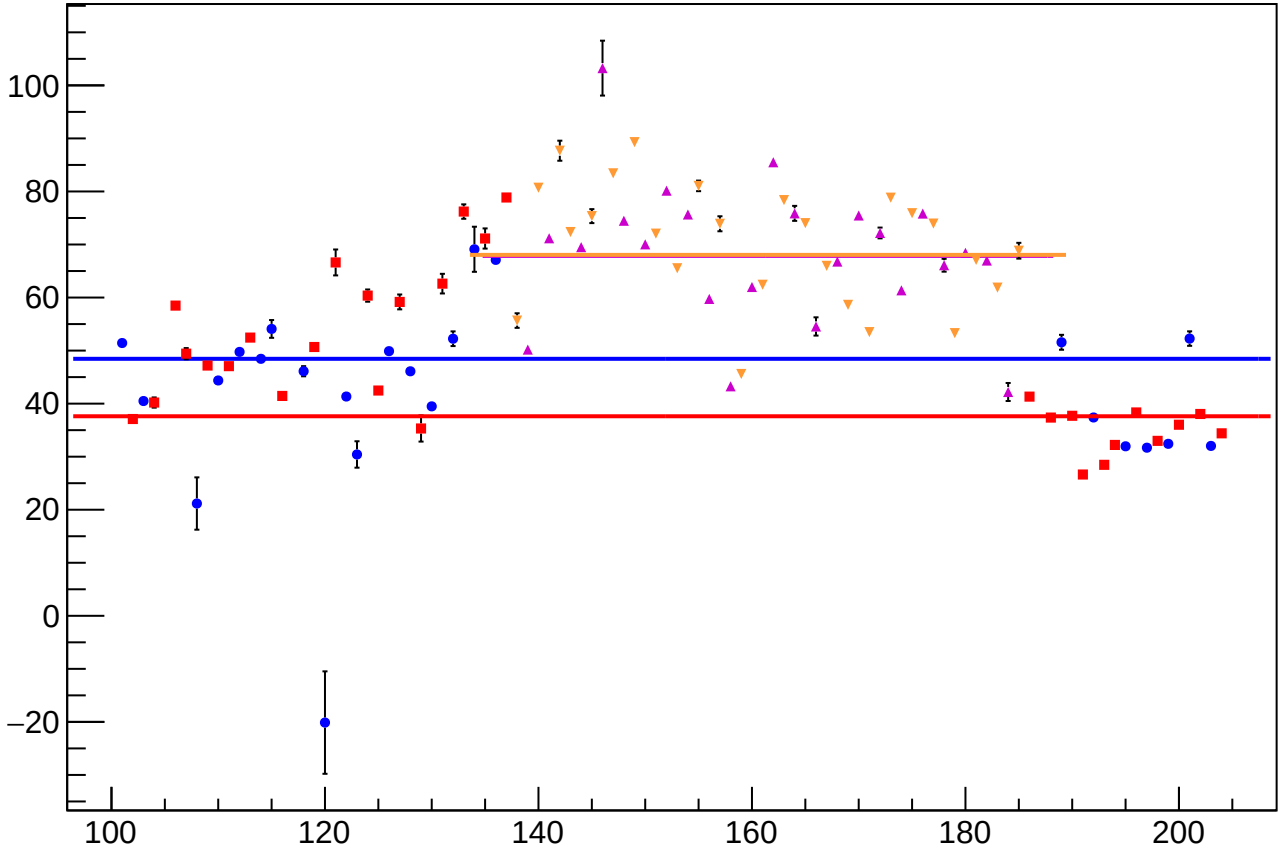
Right: 102.988+/-0.018 χ^2/NDF: 6459729.1/52

In: 115.256+/-0.008 χ^2/NDF:3395855.7/46

Out: 116.291+/-0.007 χ^2/NDF:3859652.6/53

All: 115.836+/-0.006 χ^2/NDF: 7264023.5/100

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 16738.0/23

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 37.619+/-0.073 χ^2/NDF: 14057.1/28

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

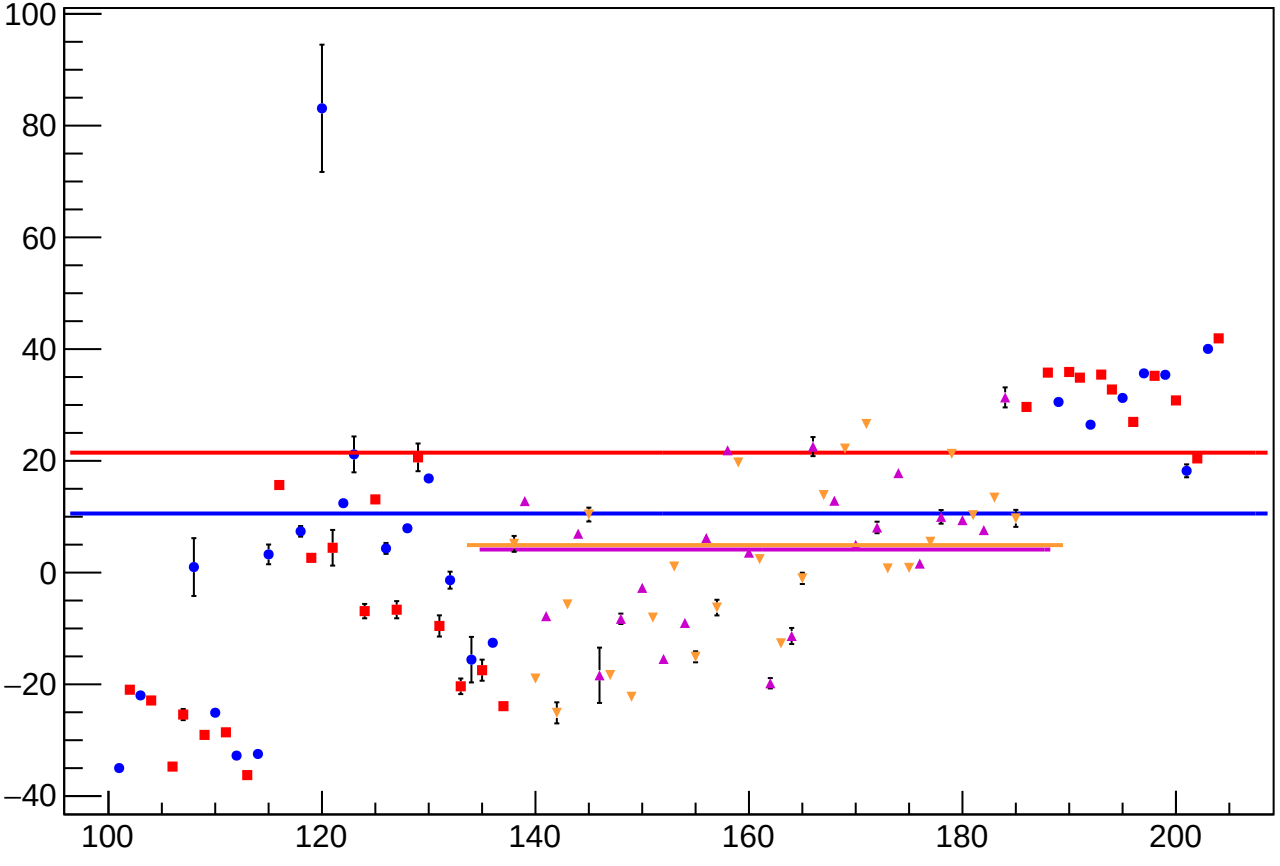
Right: 48.450+/-0.000 χ^2/NDF: 52524.1/52

In: 48.450+/-0.000 χ^2/NDF:46113.5/46

Out: 44.795+/-0.064 χ^2/NDF:61170.4/53

All: 48.450+/-0.000 χ^2/NDF: 110521.4/100

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 10.574+/-0.099 χ^2/NDF: 83178.1/23

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 21.465+/-0.067 χ^2/NDF: 107875.9/28

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

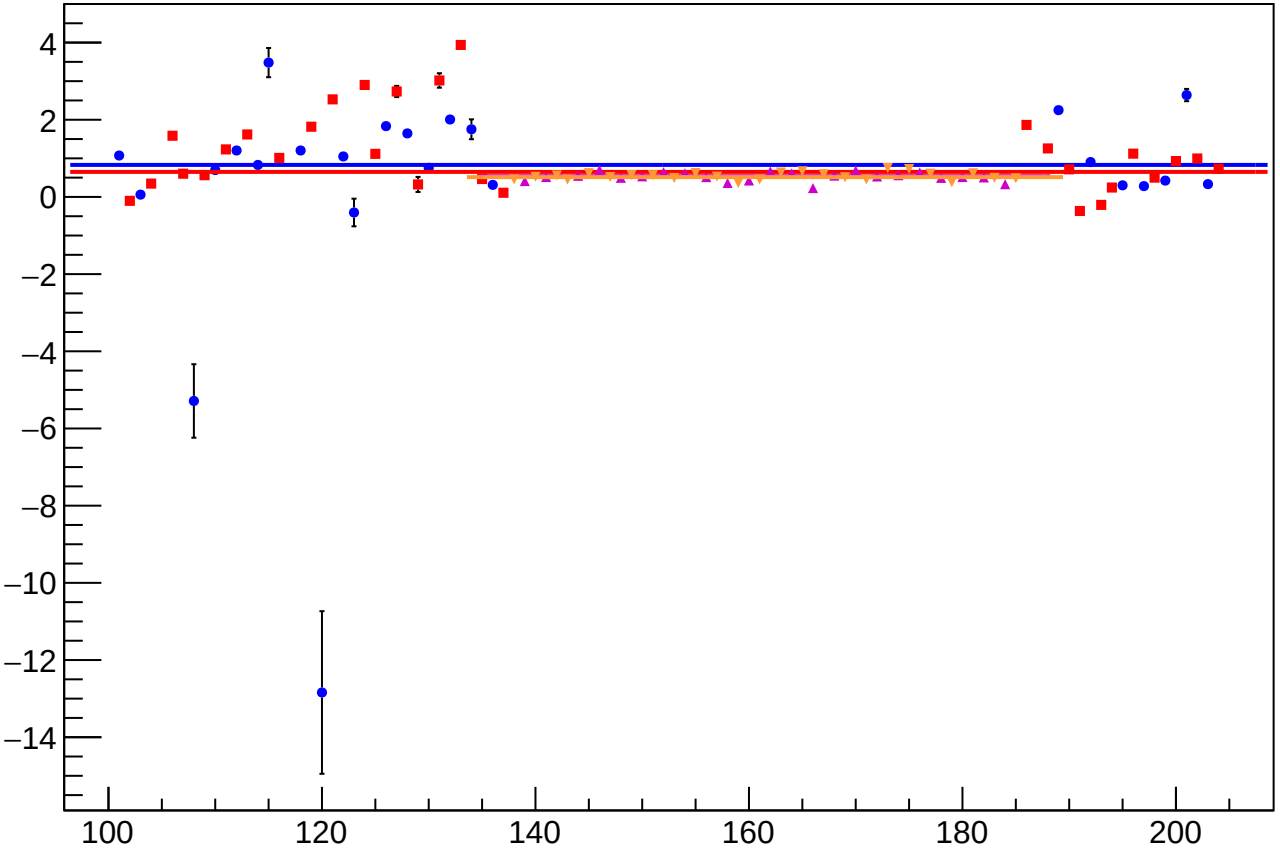
Right: 18.024+/-0.056 χ^2/NDF: 199338.1/52

In: 8.137+/-0.078 χ^2/NDF:90943.1/46

Out: 18.063+/-0.060 χ^2/NDF:130695.1/53

All: 14.379+/-0.048 χ^2/NDF: 231811.0/100

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 16330.2/23

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.649+/-0.005 χ^2/NDF: 9556.7/28

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

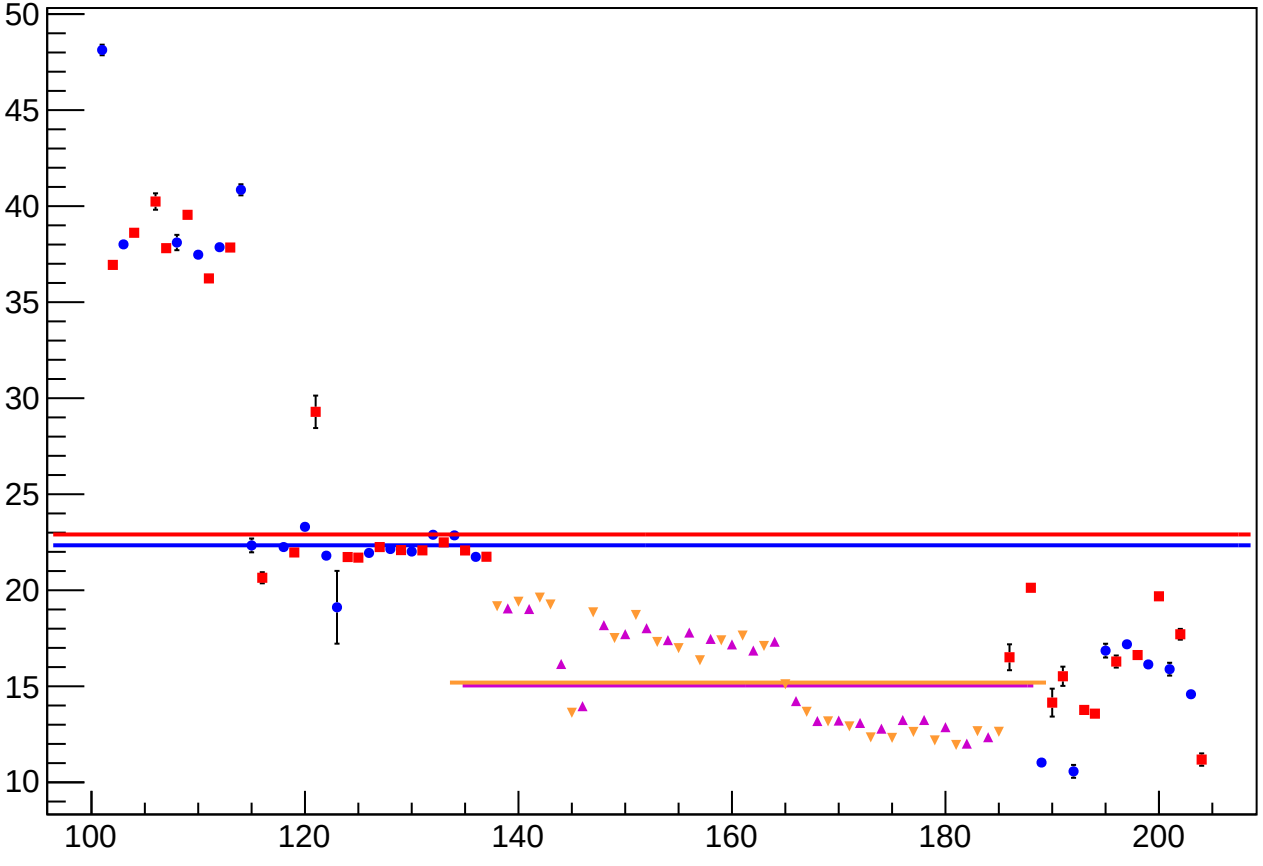
Right: 0.830+/-0.000 χ^2/NDF: 27028.0/52

In: 0.830+/-0.000 χ^2/NDF:143334.5/46

Out: 0.518+/-0.001 χ^2/NDF:25380.6/53

All: 0.830+/-0.000 χ^2/NDF: 277444.3/100

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.341+/-0.009 χ^2/NDF: 130023.5/23

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.905+/-0.009 χ^2/NDF: 173355.9/28

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

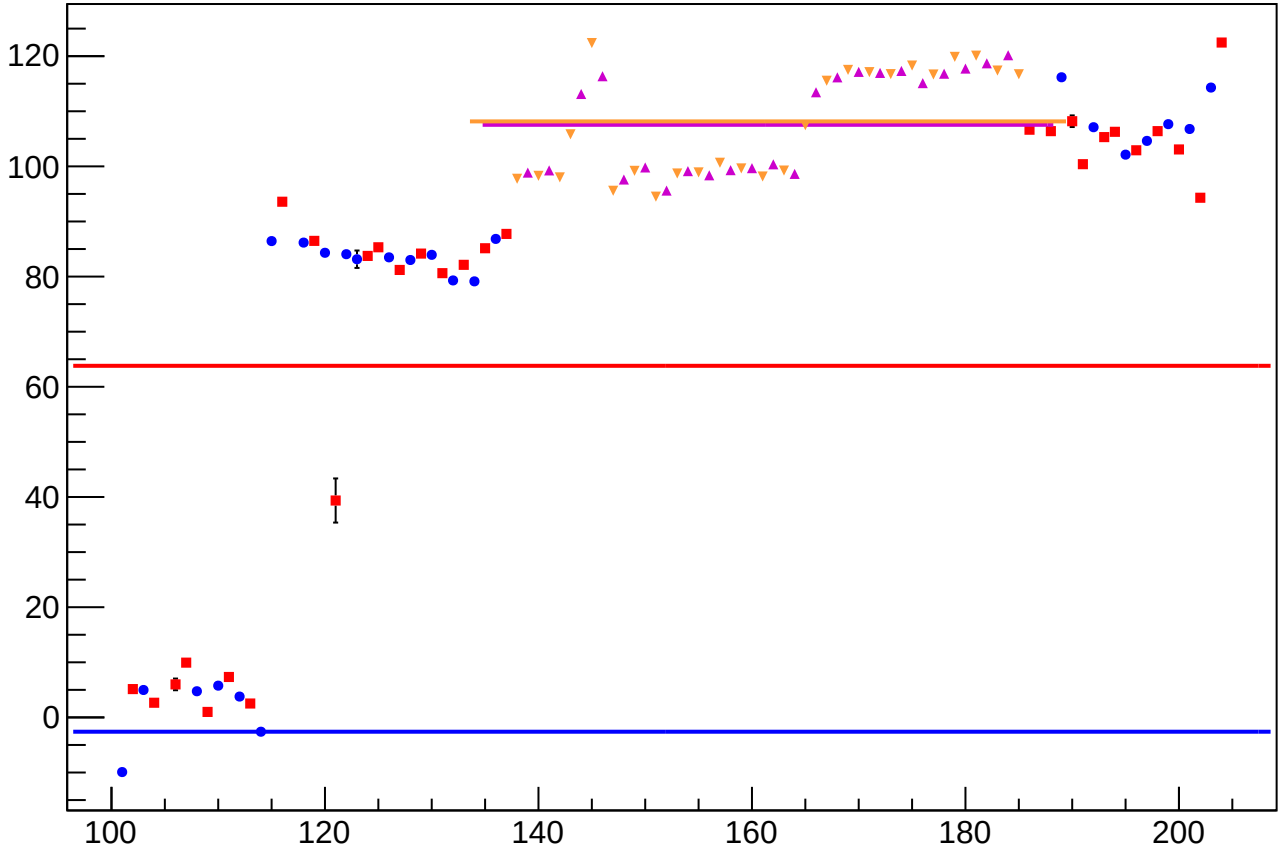
Right: 22.630+/-0.006 χ^2/NDF: 305300.9/52

In: 16.509+/-0.004 χ^2/NDF:916943.5/46

Out: 16.614+/-0.004 χ^2/NDF:1191733.7/53

All: 16.565+/-0.003 χ^2/NDF: 2109021.9/100

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 8633493.3/23

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 63.808+/-0.030 χ^2/NDF: 1767647.0/28

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

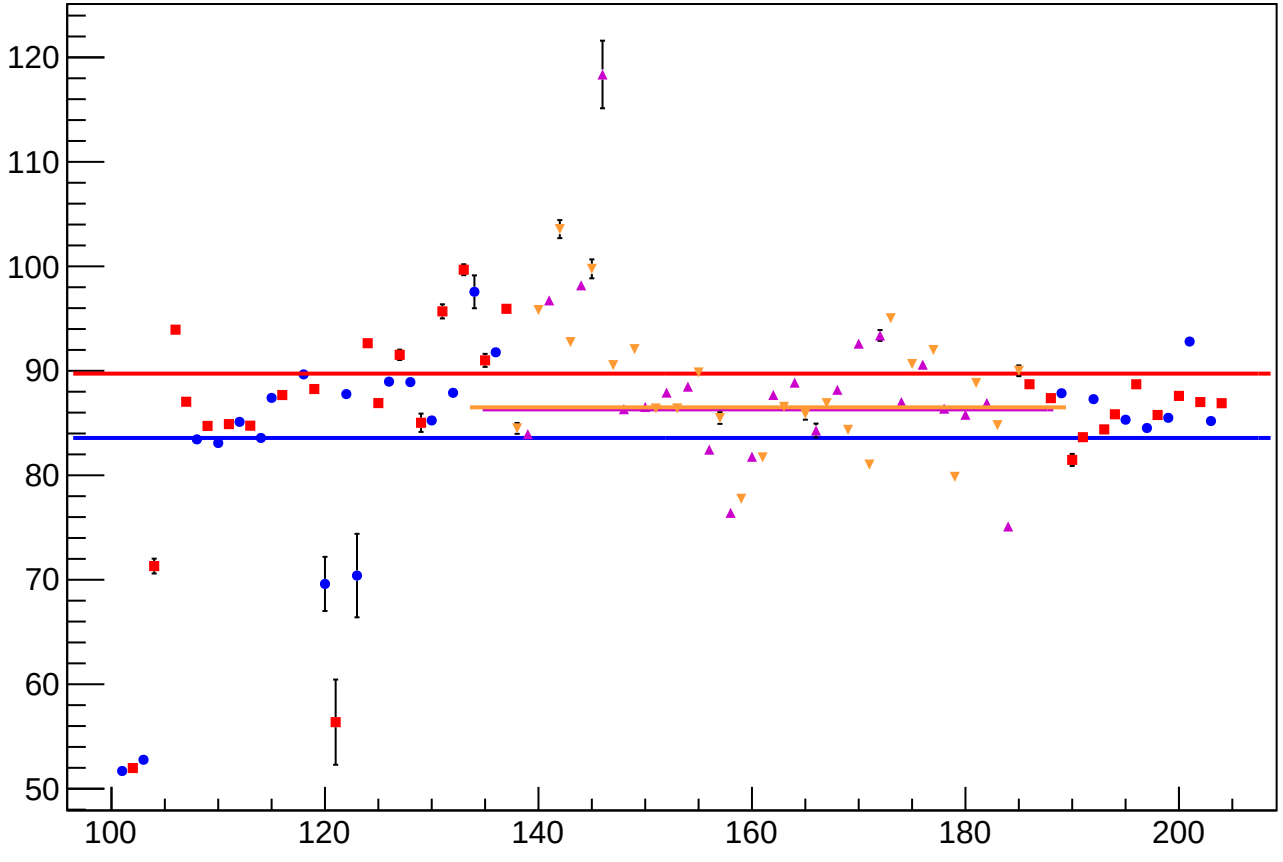
Right: -2.596+/-0.000 χ^2/NDF: 15326373.1/52

In: -2.596+/-0.000 χ^2/NDF:149189489.4/46

Out: 104.252+/-0.009 χ^2/NDF:4848230.5/53

All: -2.596+/-0.000 χ^2/NDF: 298670351.4/10

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 51323.8/23

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 89.732+/-0.020 χ^2/NDF: 78670.4/28

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

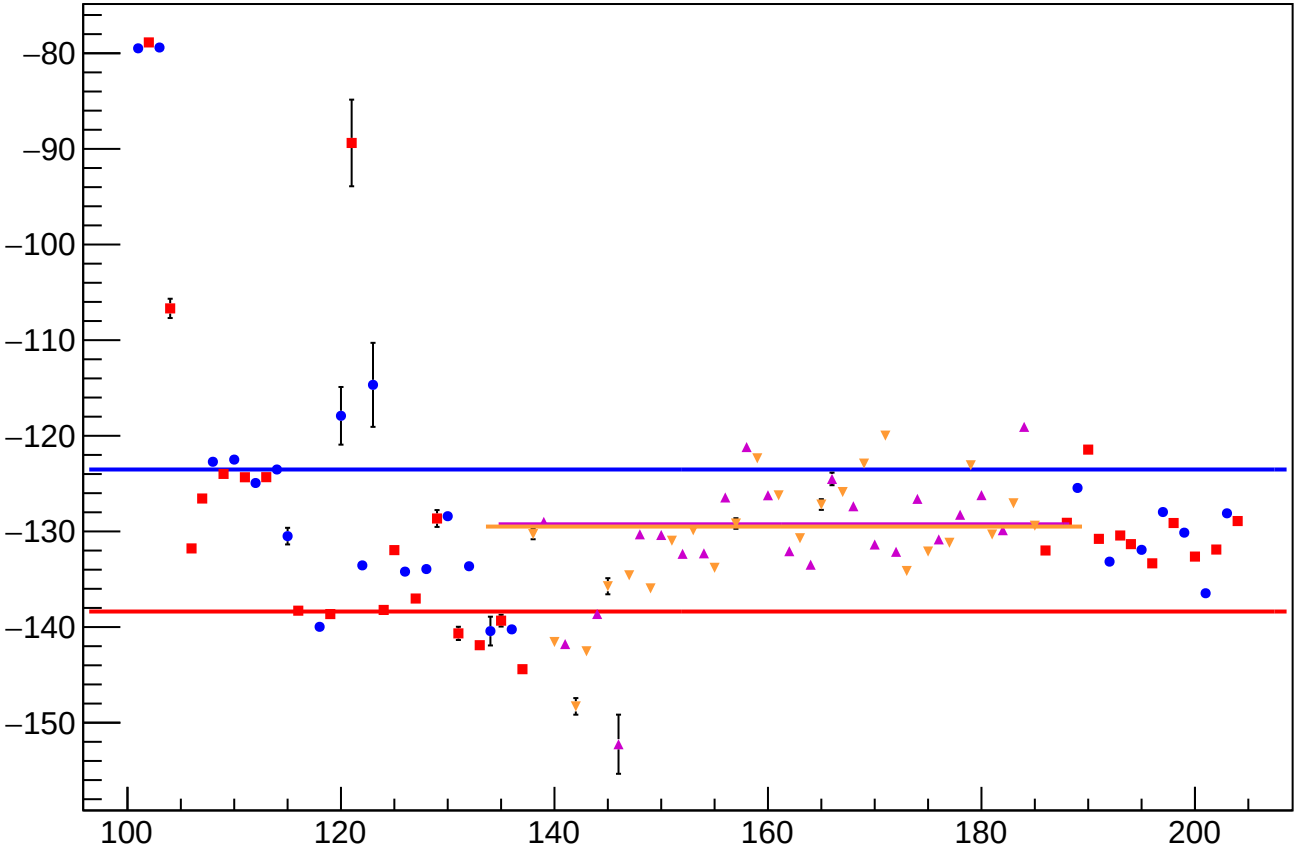
Right: 83.573+/-0.000 χ^2/NDF: 226338.8/52

In: 83.573+/-0.000 χ^2/NDF:62822.4/46

Out: 89.413+/-0.019 χ^2/NDF:89837.7/53

All: 83.573+/-0.000 χ^2/NDF: 248784.6/100

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 182057.2/23

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.376+/-0.016 χ^2/NDF: 307059.0/28

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

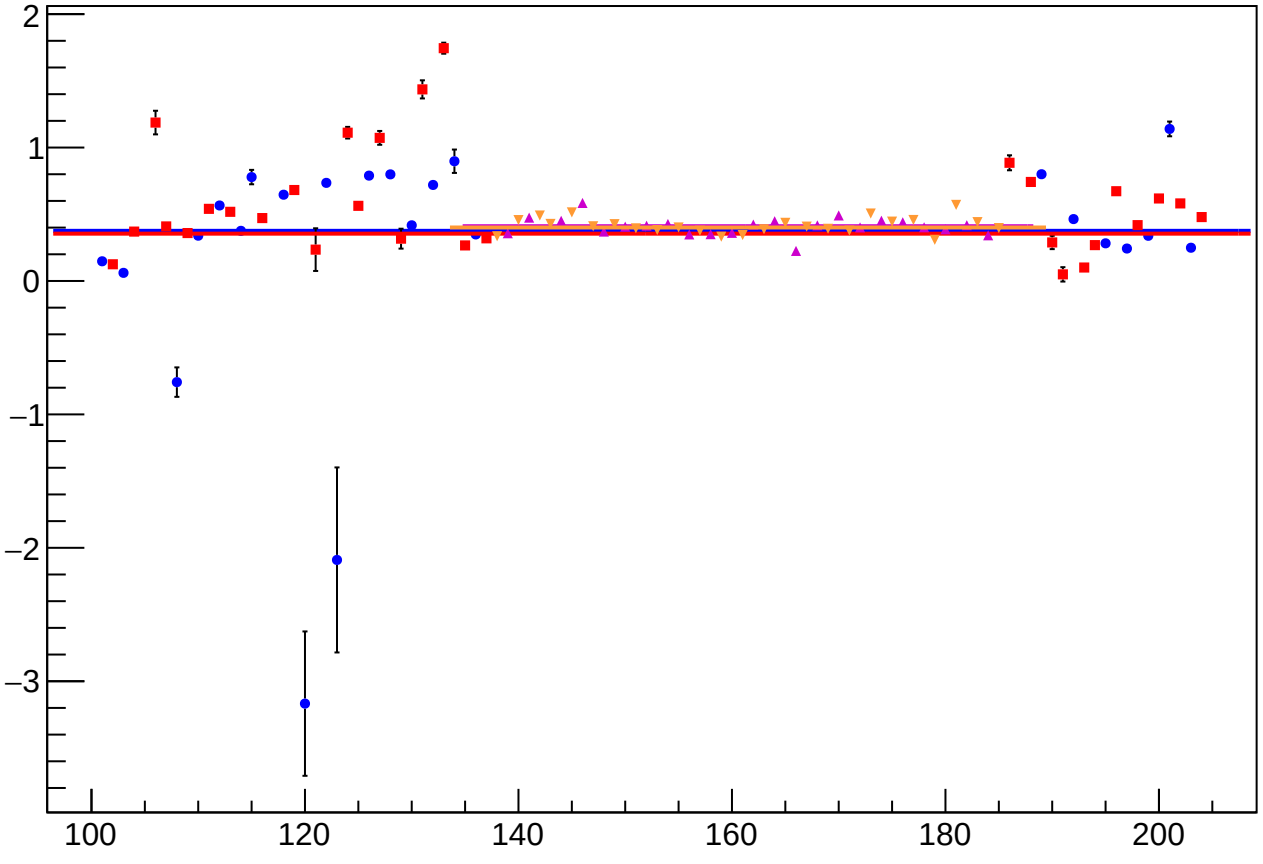
Right: -123.524+/-0.000 χ^2/NDF: 1350386.2/52

In: -123.524+/-0.000 χ^2/NDF:200978.2/46

Out: -137.771+/-0.015 χ^2/NDF:338814.2/53

All: -123.524+/-0.000 χ^2/NDF: 1390242.3/10

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 4566.4/23

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.355+/-0.001 χ^2/NDF: 7135.6/28

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

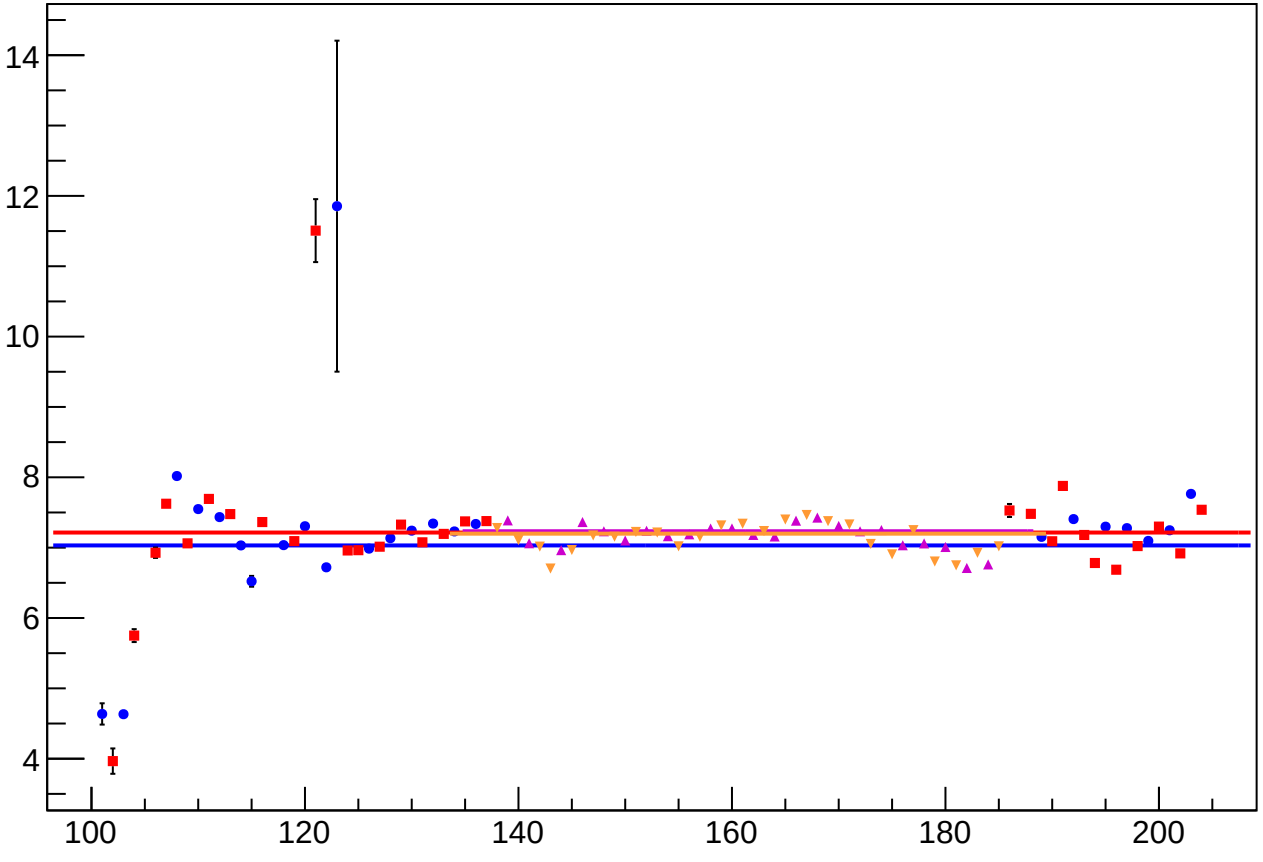
Right: 0.376+/-0.000 χ^2/NDF: 11919.6/52

In: 0.376+/-0.000 χ^2/NDF:18937.5/46

Out: 0.396+/-0.000 χ^2/NDF:17090.5/53

All: 0.376+/-0.000 χ^2/NDF: 37831.0/100

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 21941.5/23

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.215+/-0.002 χ^2/NDF: 11233.3/28

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

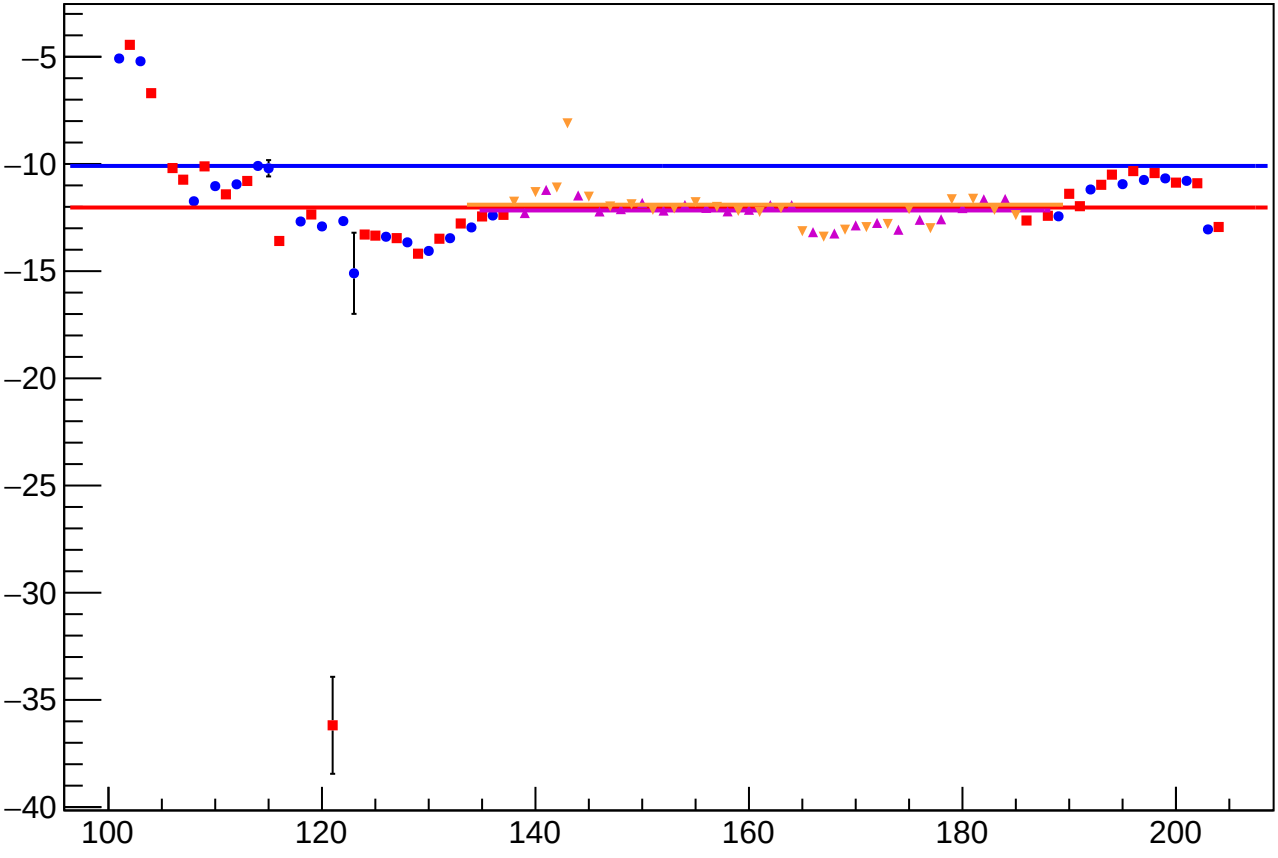
Right: 7.032+/-0.000 χ^2/NDF: 40077.3/52

In: 7.032+/-0.000 χ^2/NDF:103787.8/46

Out: 7.201+/-0.001 χ^2/NDF:48732.6/53

All: 7.032+/-0.000 χ^2/NDF: 193728.3/100

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 566146.4/23

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.031+/-0.003 χ^2/NDF: 168645.4/28

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

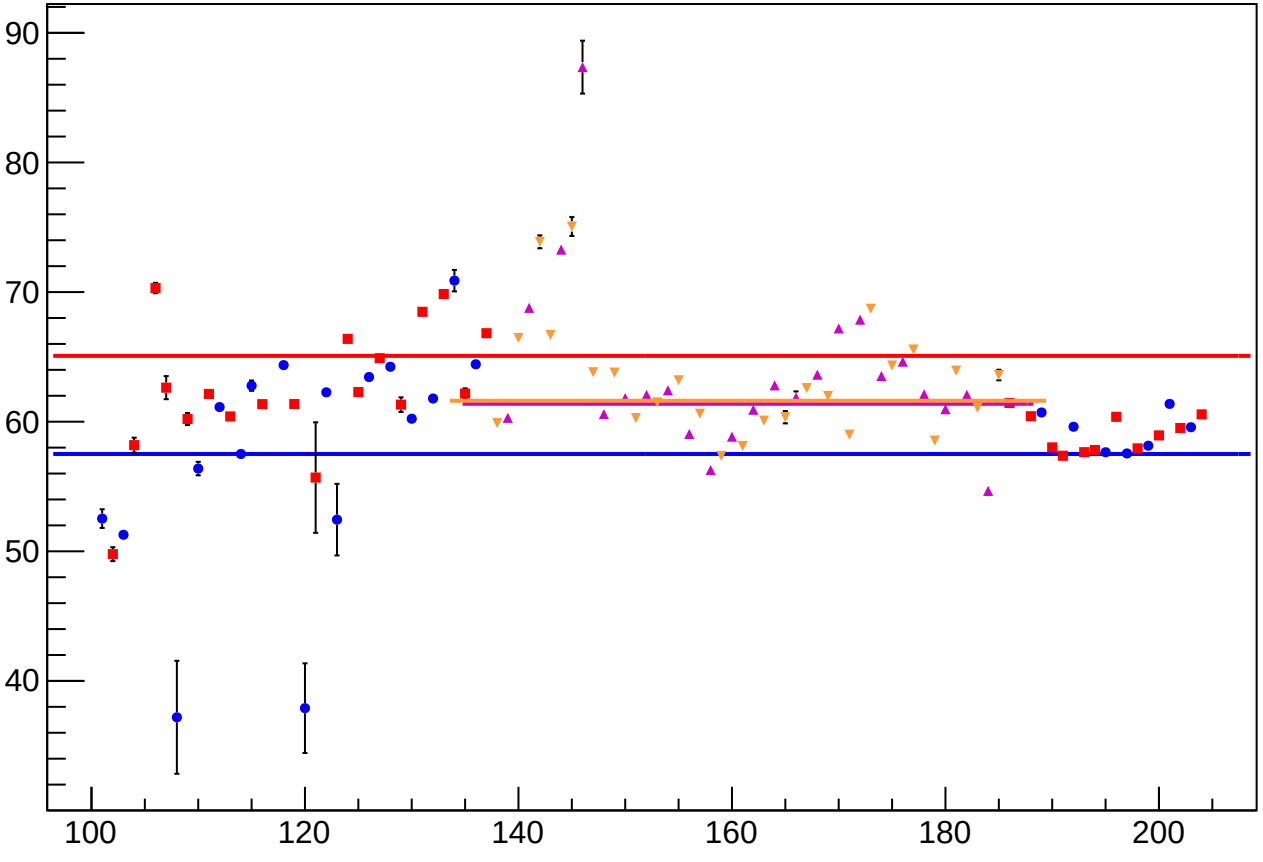
Right: -10.092+/-0.000 χ^2/NDF: 1124895.9/52

In: -10.092+/-0.000 χ^2/NDF:2098562.1/46

Out: -11.930+/-0.001 χ^2/NDF:668898.2/53

All: -10.092+/-0.000 χ^2/NDF: 4299275.3/100

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 10434.0/23

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.080+/-0.012 χ^2/NDF: 81818.9/28

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

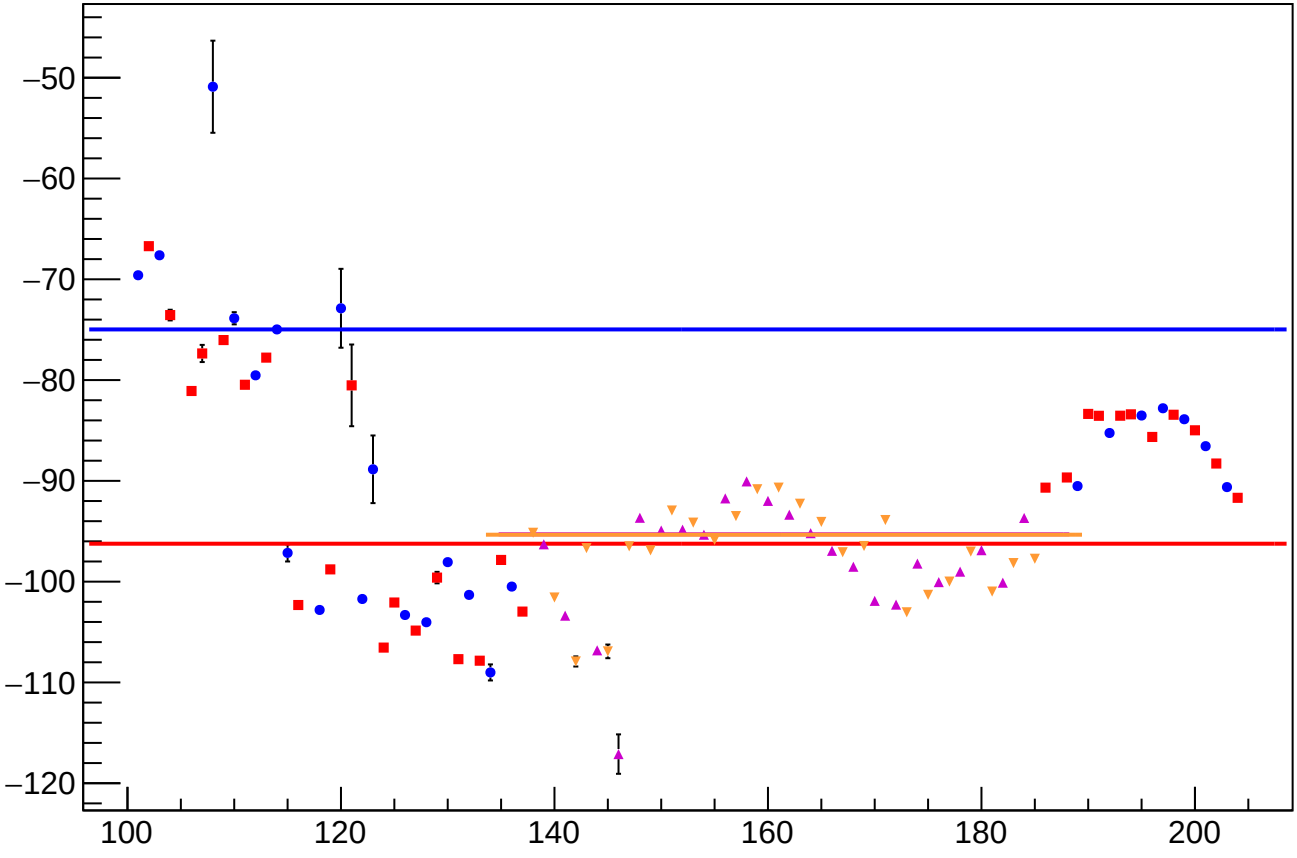
Right: 57.510+/-0.000 χ^2/NDF: 509879.4/52

In: 57.510+/-0.000 χ^2/NDF:33486.7/46

Out: 64.792+/-0.011 χ^2/NDF:96854.8/53

All: 57.510+/-0.000 χ^2/NDF: 551829.9/100

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 239194.1/23

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -96.236+/-0.014 χ^2/NDF: 393145.3/28

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

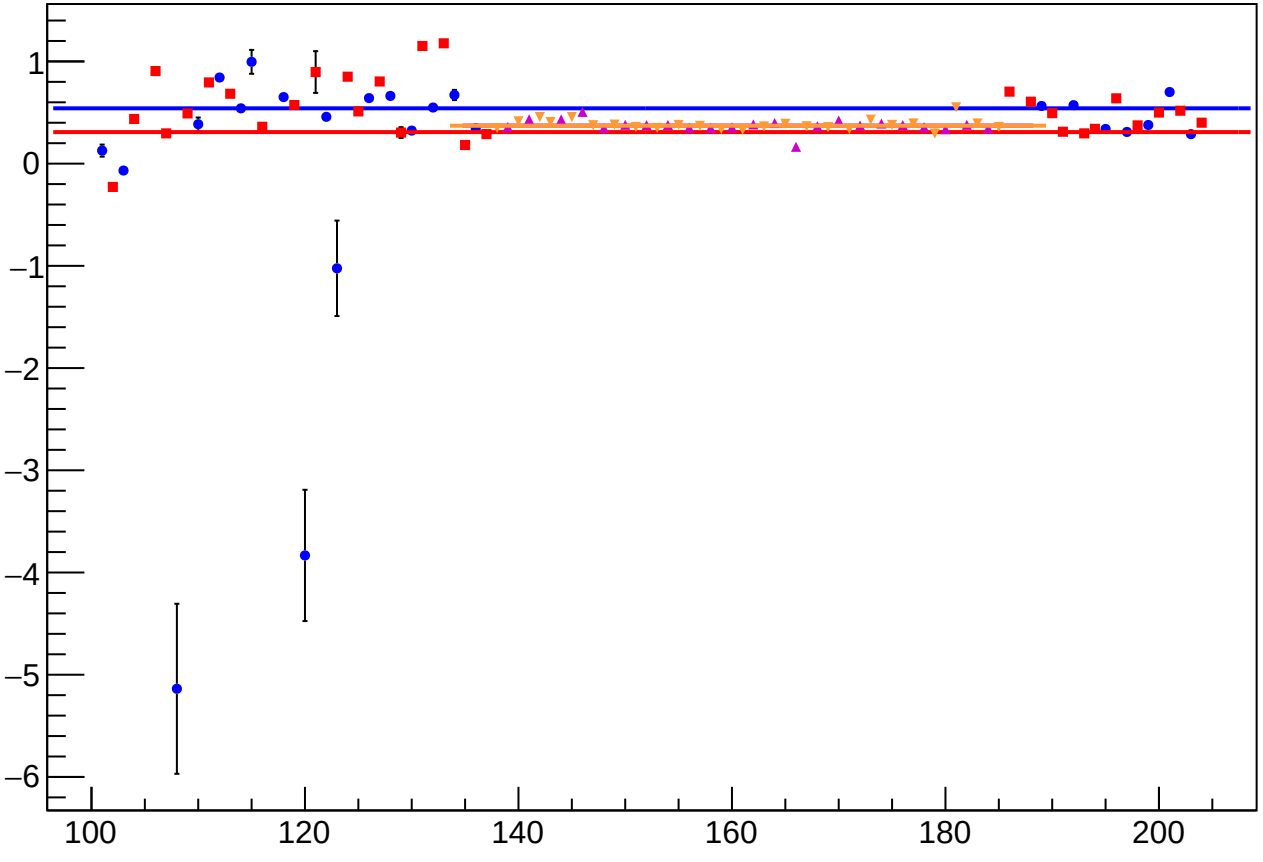
Right: -74.974+/-0.000 χ^2/NDF: 2868559.2/52

In: -74.974+/-0.000 χ^2/NDF:625417.7/46

Out: -96.129+/-0.013 χ^2/NDF:403002.0/53

All: -74.974+/-0.000 χ^2/NDF: 3541131.5/100

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 31476.8/23

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.309+/-0.001 χ^2/NDF: 12643.3/28

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

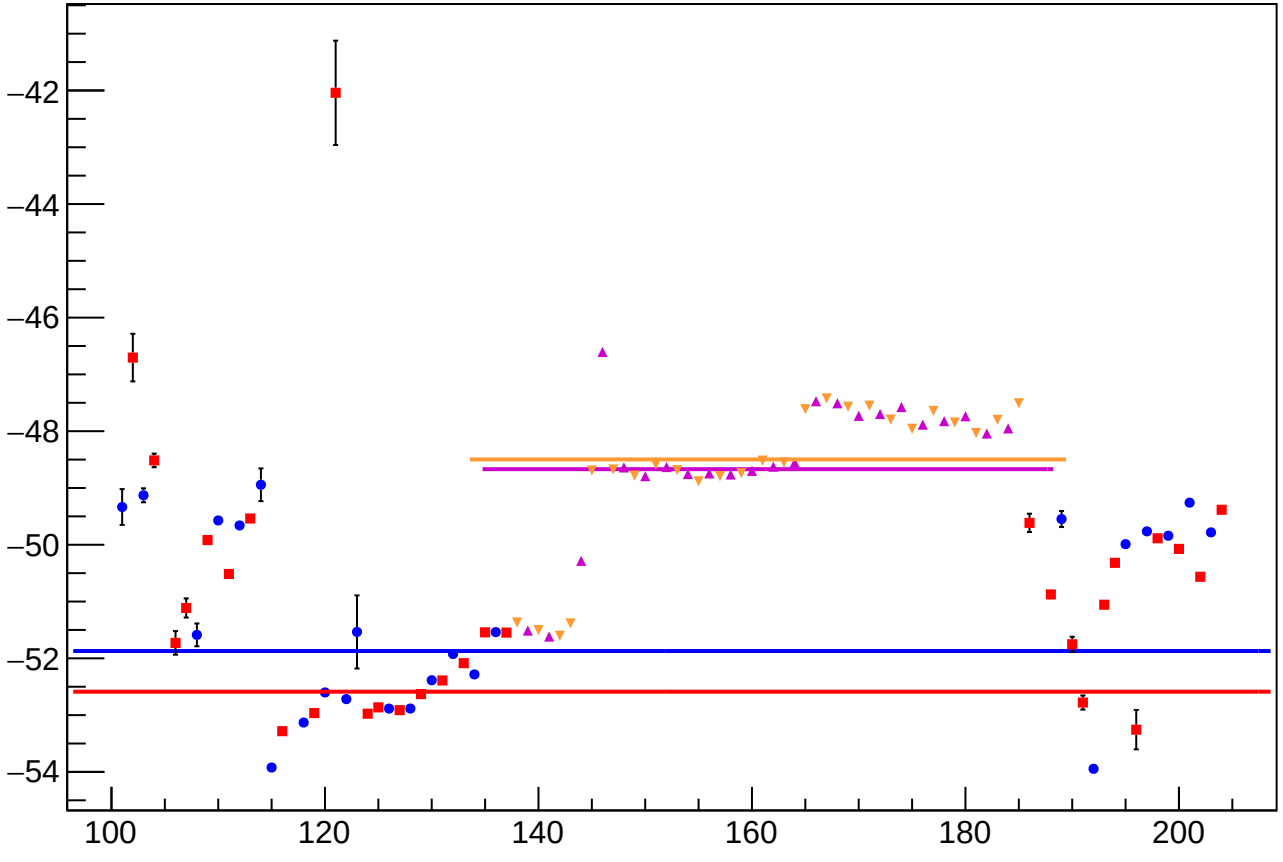
Right: 0.541+/-0.000 χ^2/NDF: 131243.8/52

In: 0.541+/-0.000 χ^2/NDF:336613.2/46

Out: 0.360+/-0.000 χ^2/NDF:24603.8/53

All: 0.541+/-0.000 χ^2/NDF: 654491.5/100

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.871+/-0.002 χ^2/NDF: 85885.0/23

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.587+/-0.003 χ^2/NDF: 93671.4/28

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

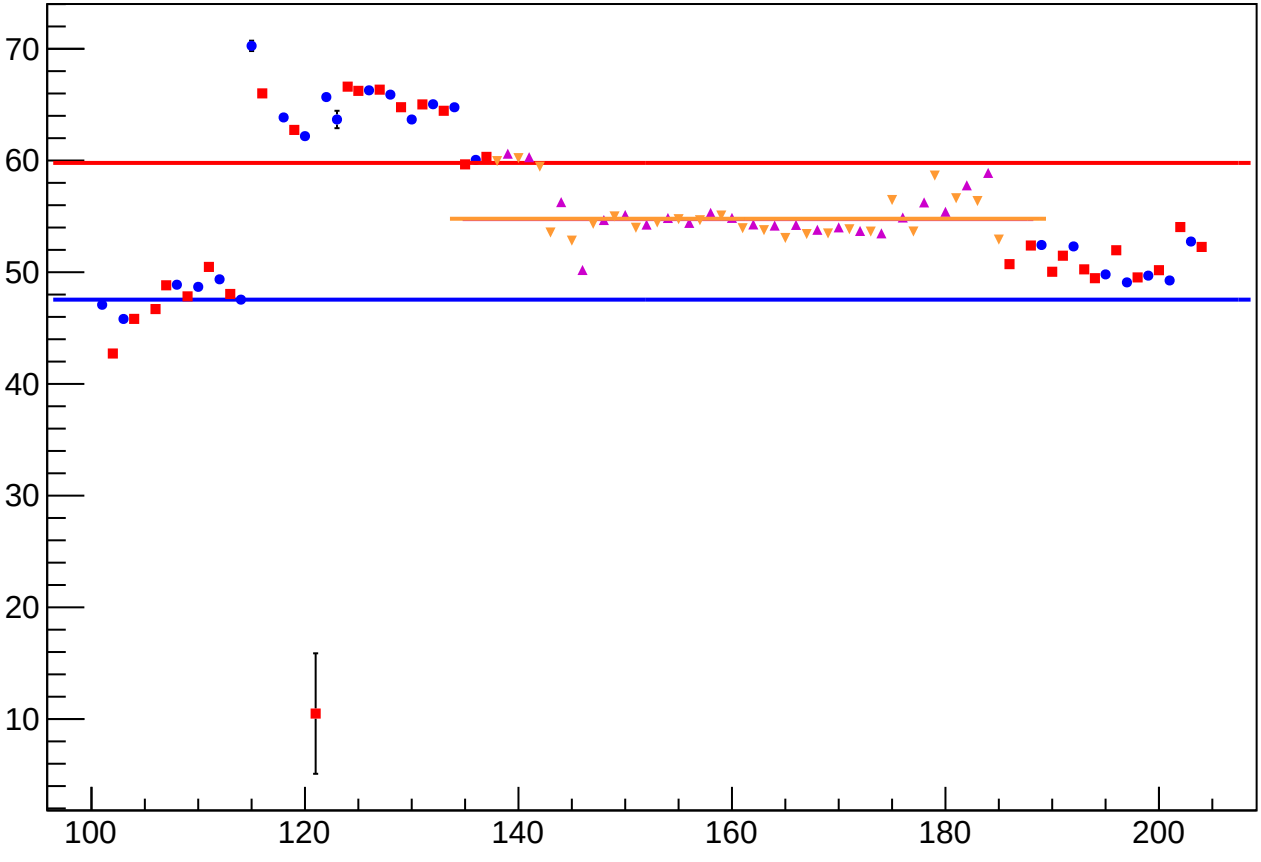
Right: -52.185+/-0.002 χ^2/NDF: 225247.1/52

In: -49.153+/-0.001 χ^2/NDF:2664908.8/46

Out: -49.122+/-0.001 χ^2/NDF:3044906.5/53

All: -49.139+/-0.001 χ^2/NDF: 5710384.1/100

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3618648.0/23

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 59.785+/-0.006 χ^2/NDF: 1103881.8/28

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

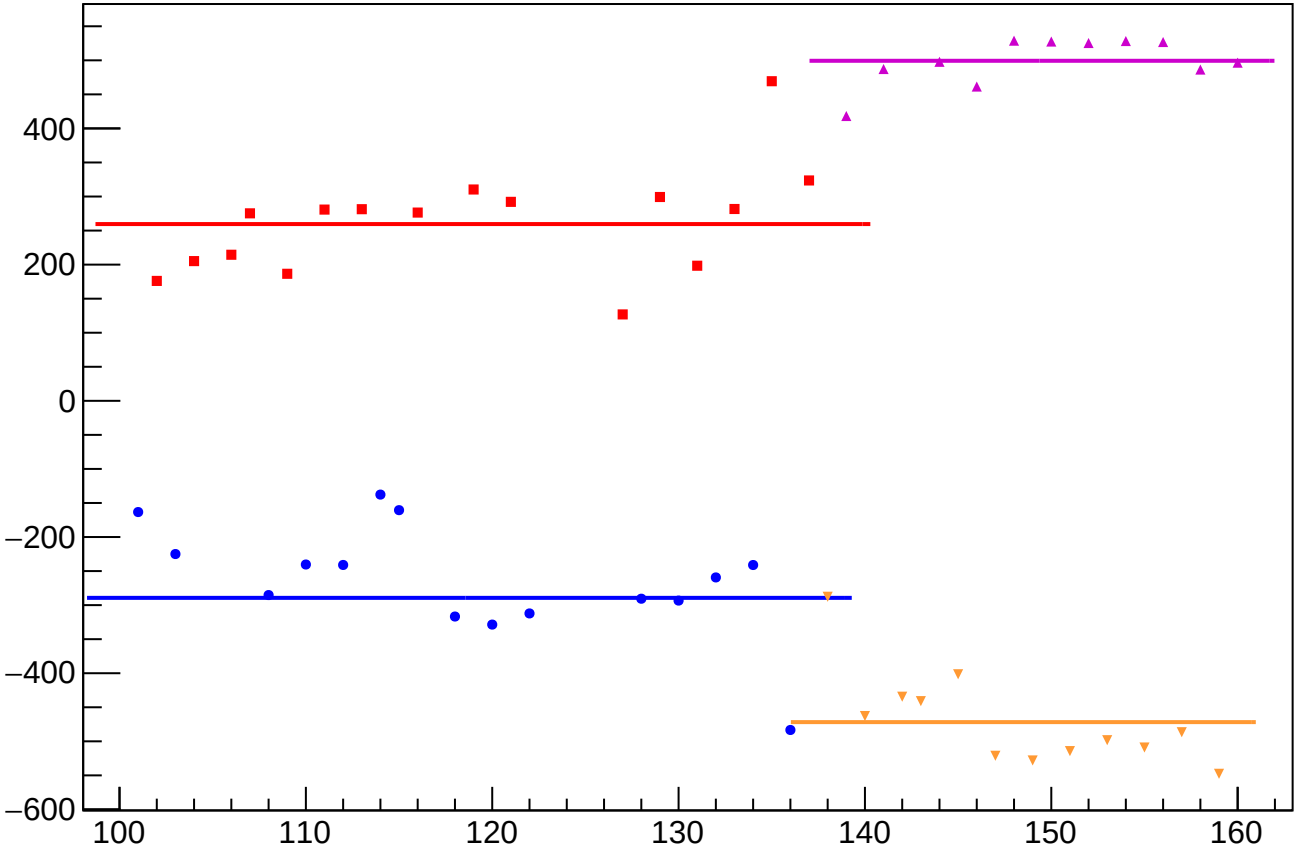
Right: 47.545+/-0.000 χ^2/NDF: 8333672.1/52

In: 47.545+/-0.000 χ^2/NDF:11374207.5/46

Out: 55.651+/-0.003 χ^2/NDF:1903108.3/53

All: 47.545+/-0.000 χ^2/NDF: 22438082.4/100

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

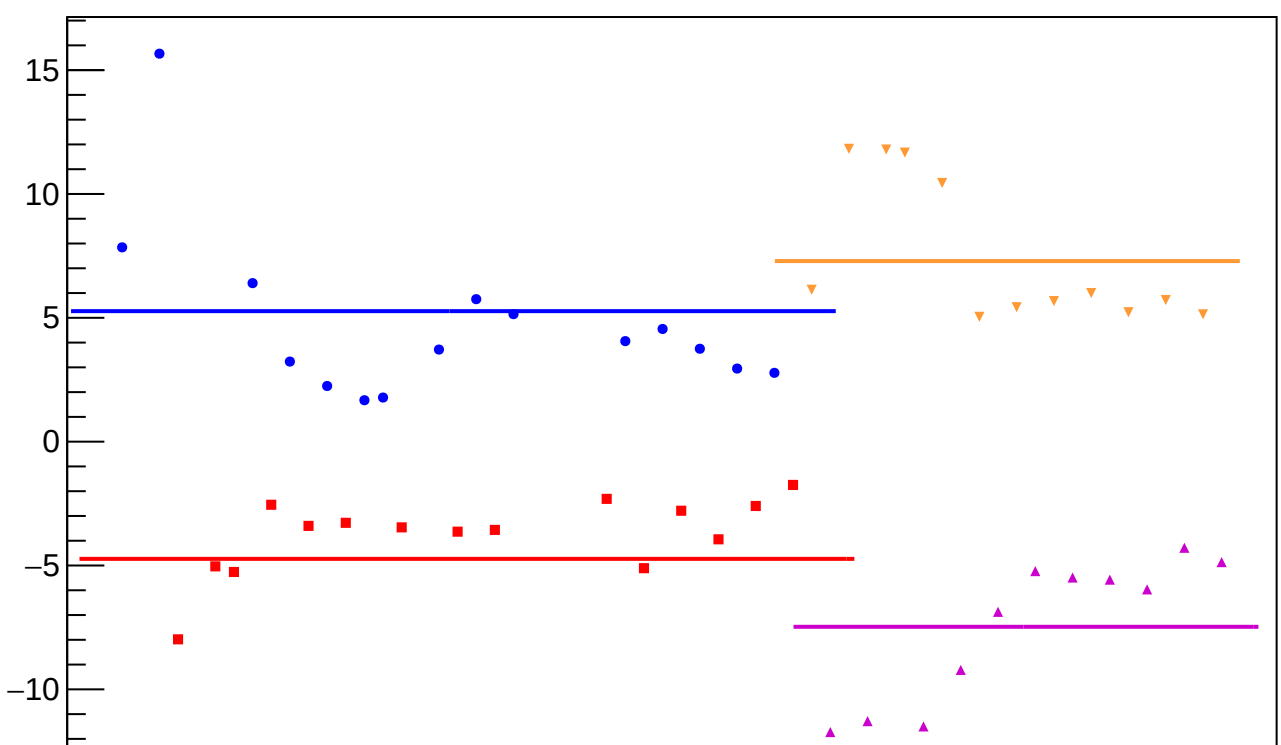
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

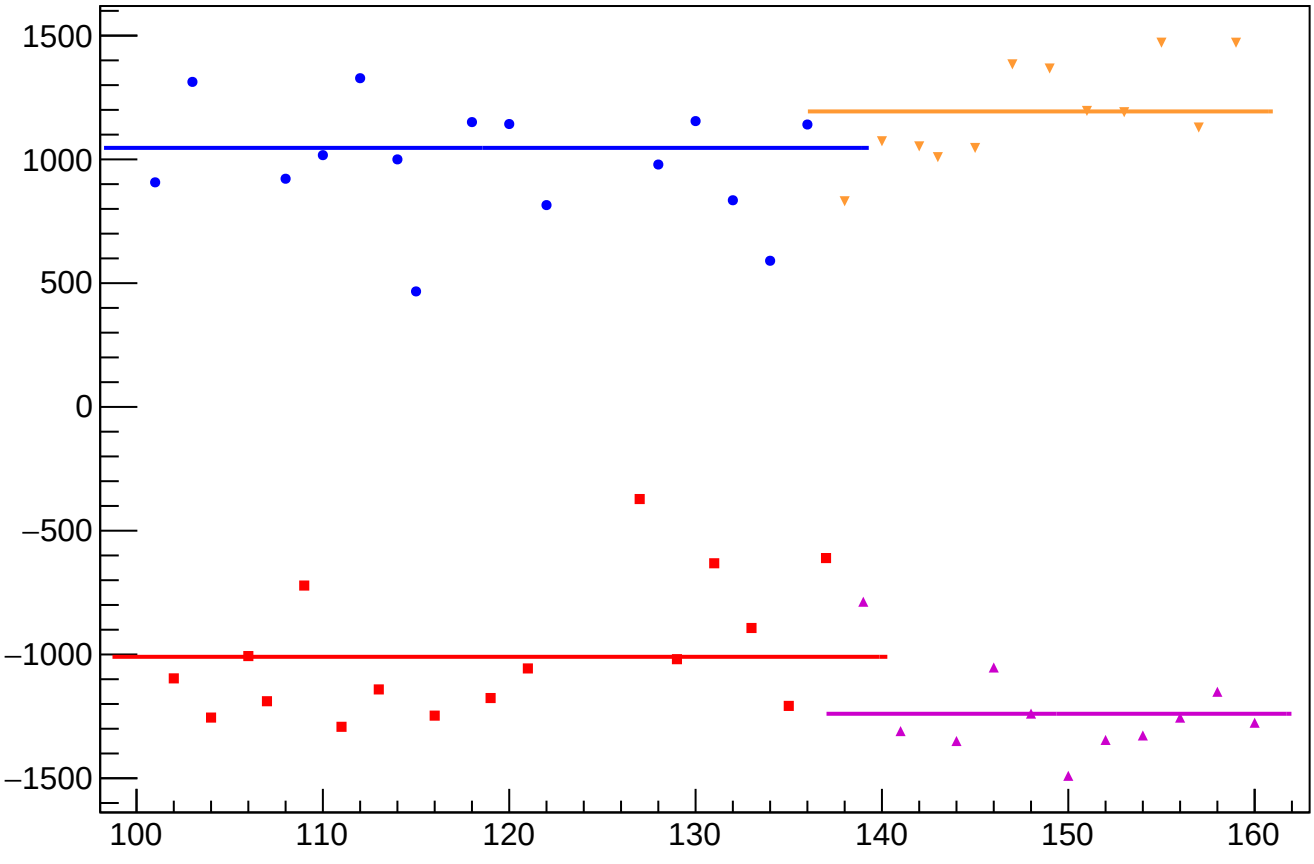
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

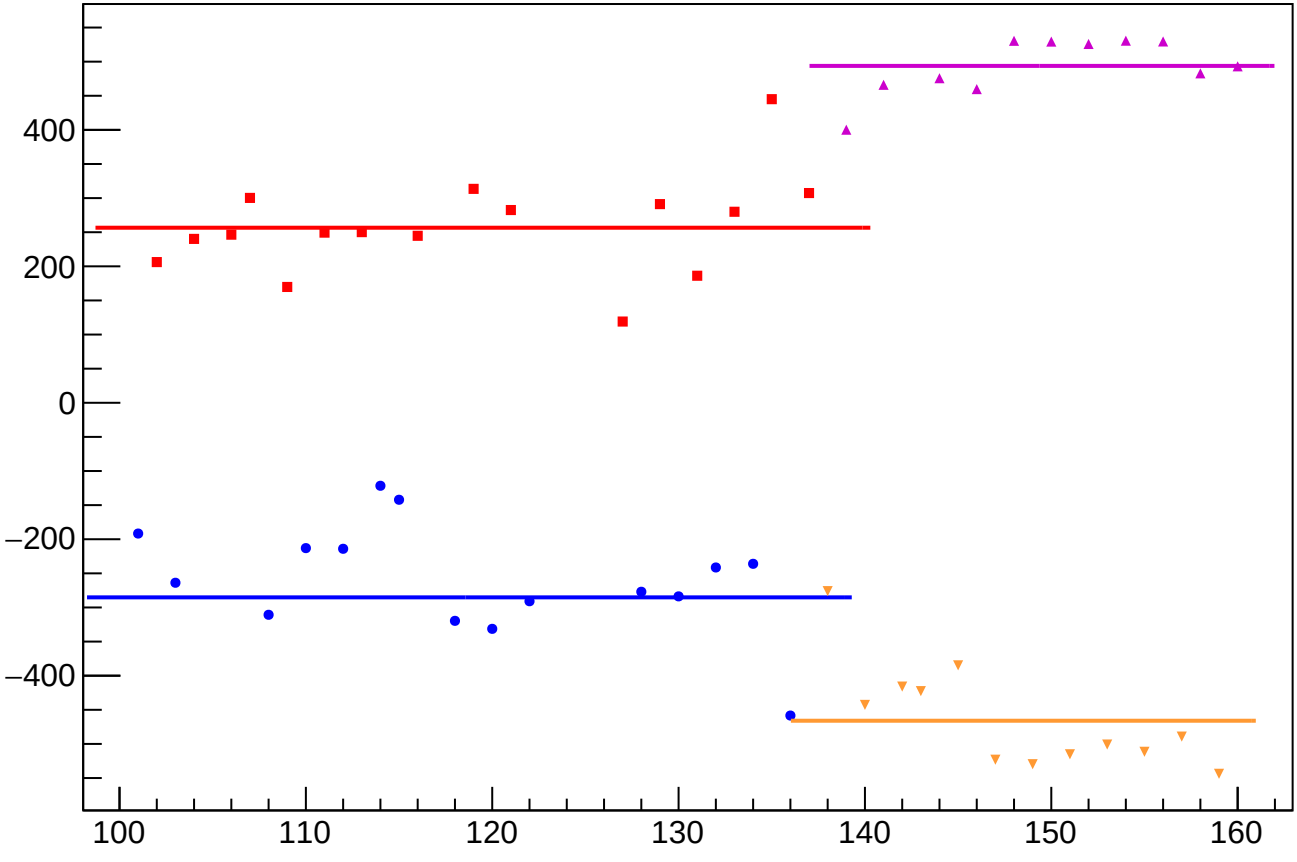
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



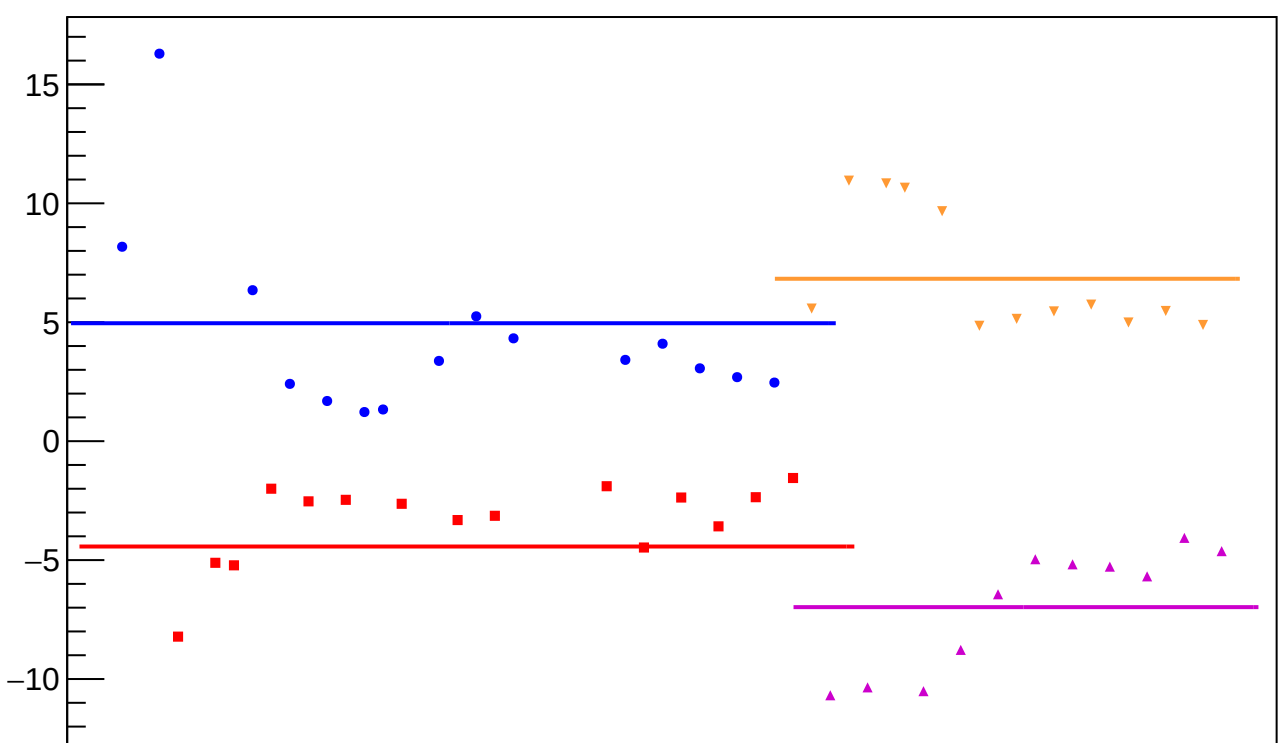
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

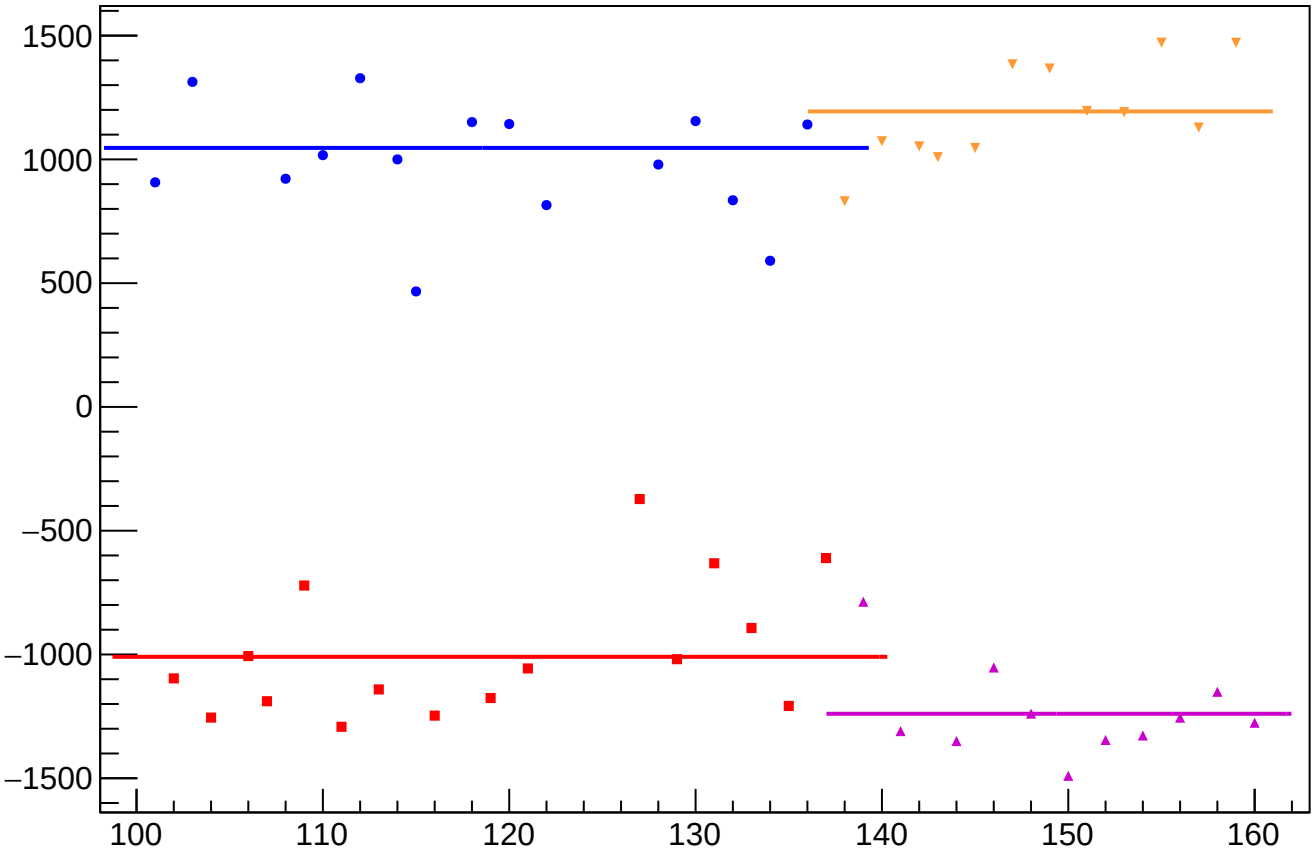
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

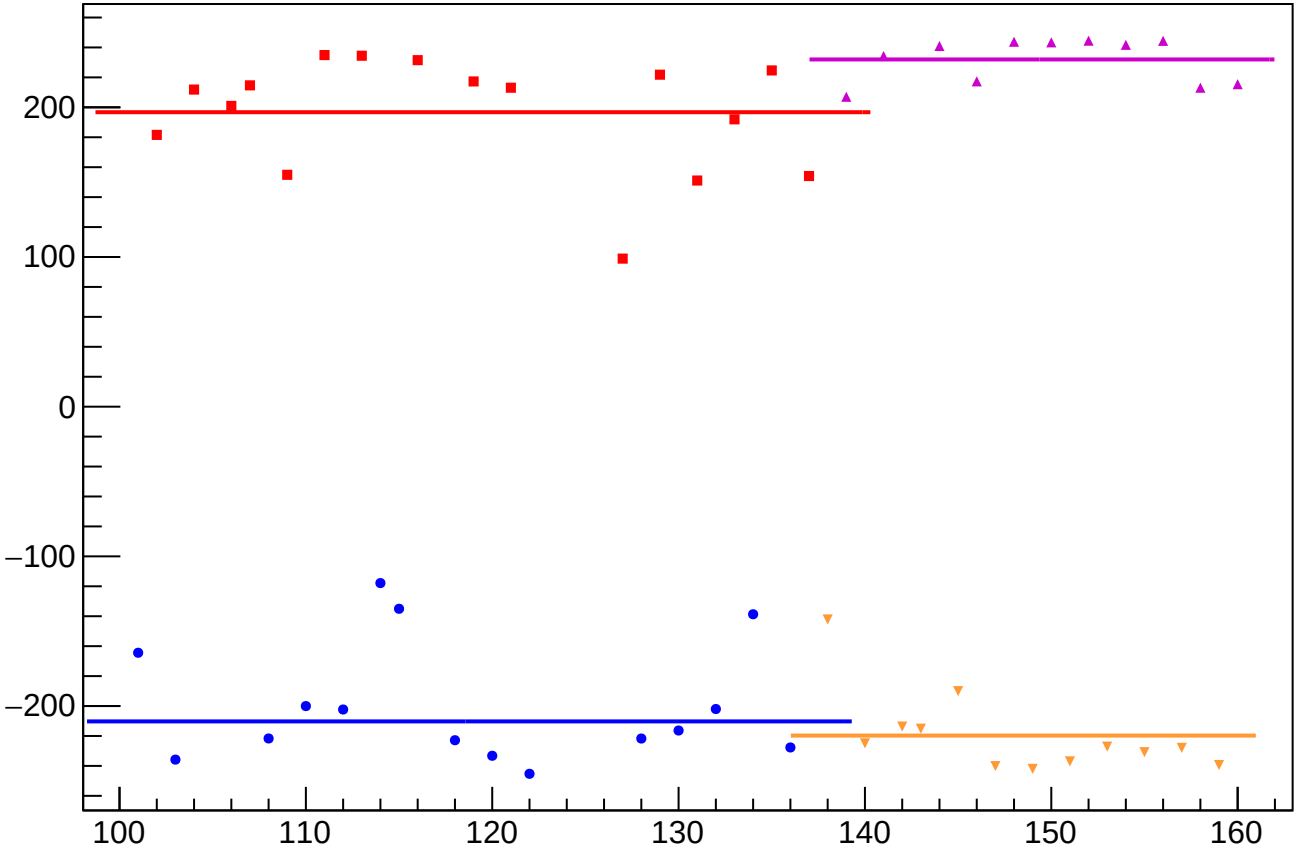
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

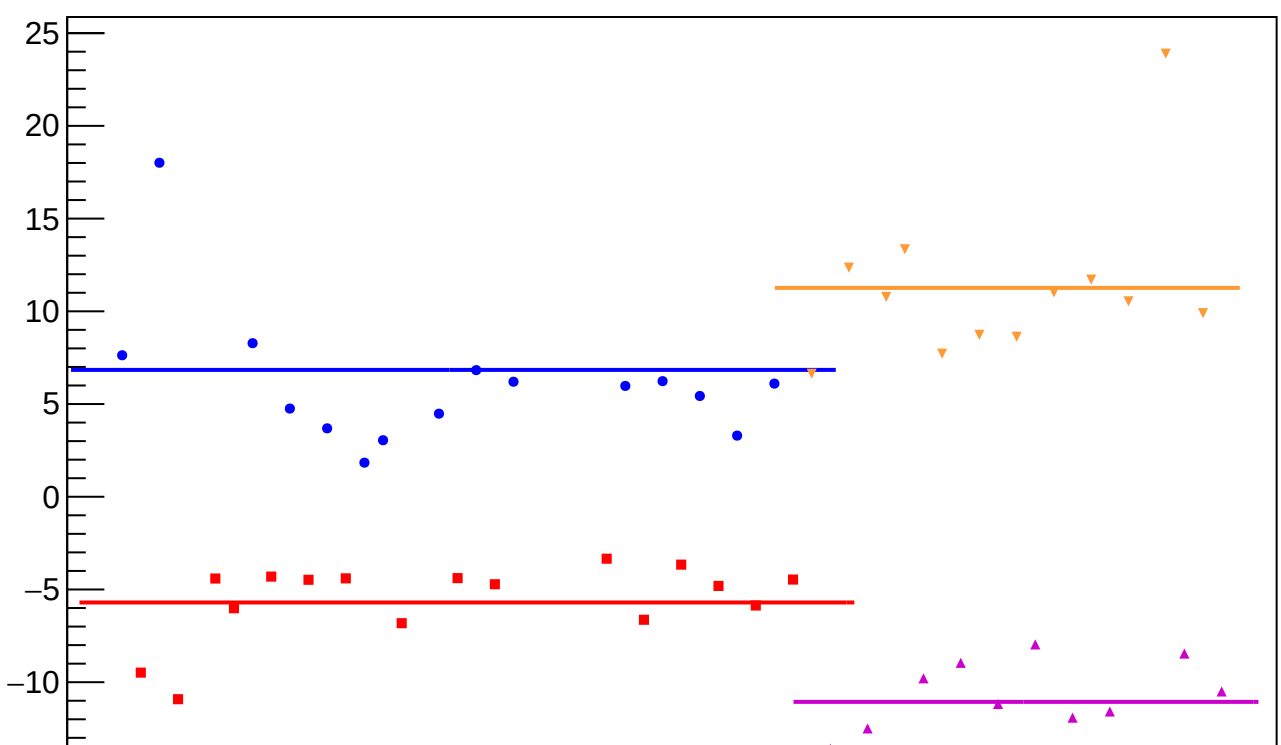
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

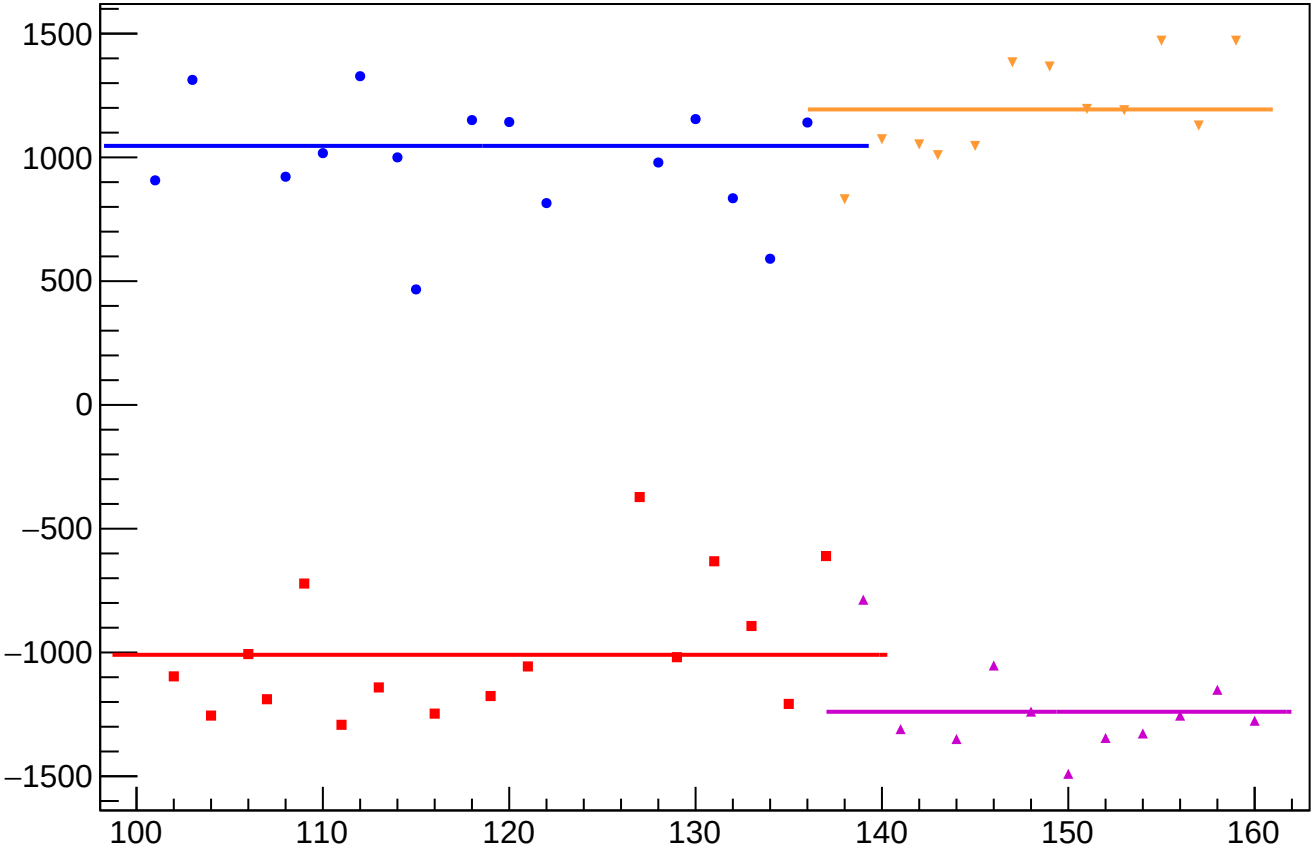
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

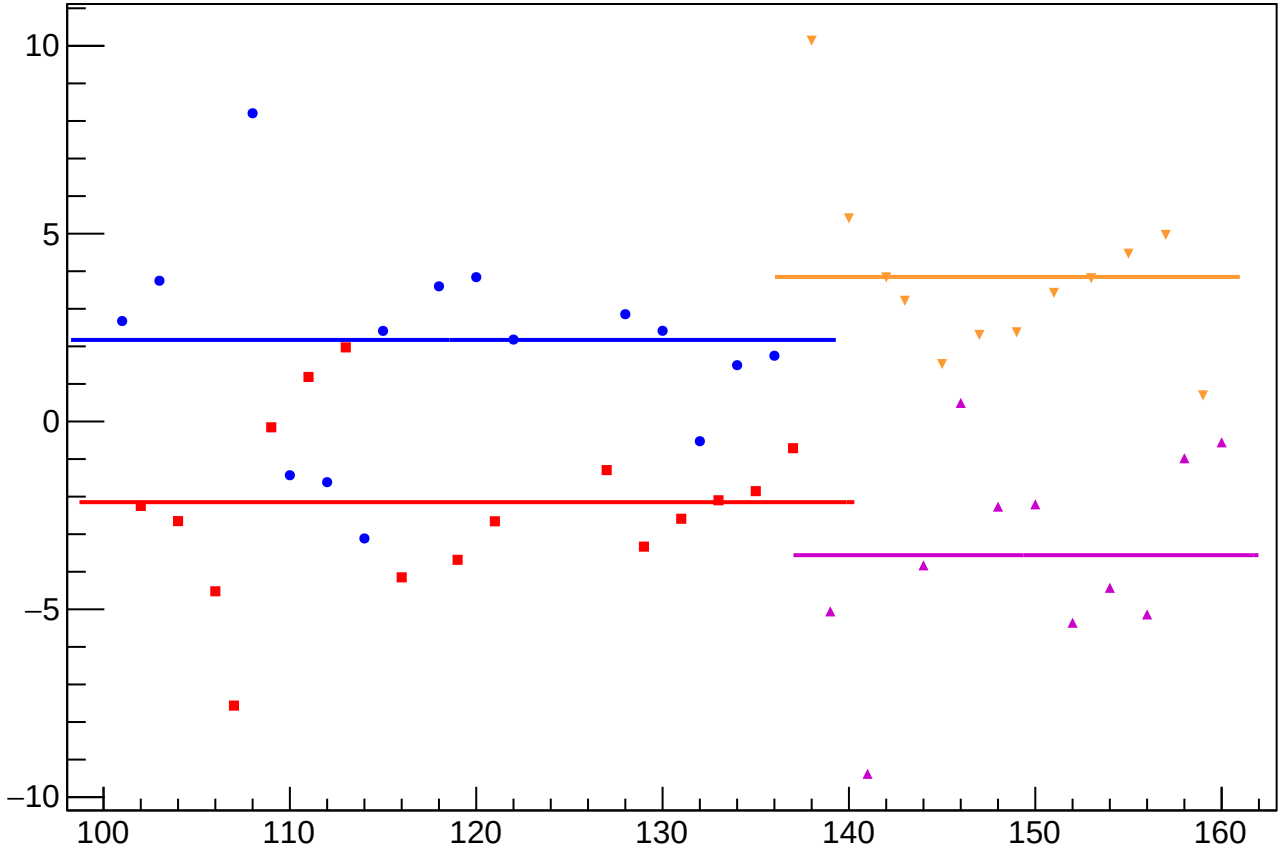
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

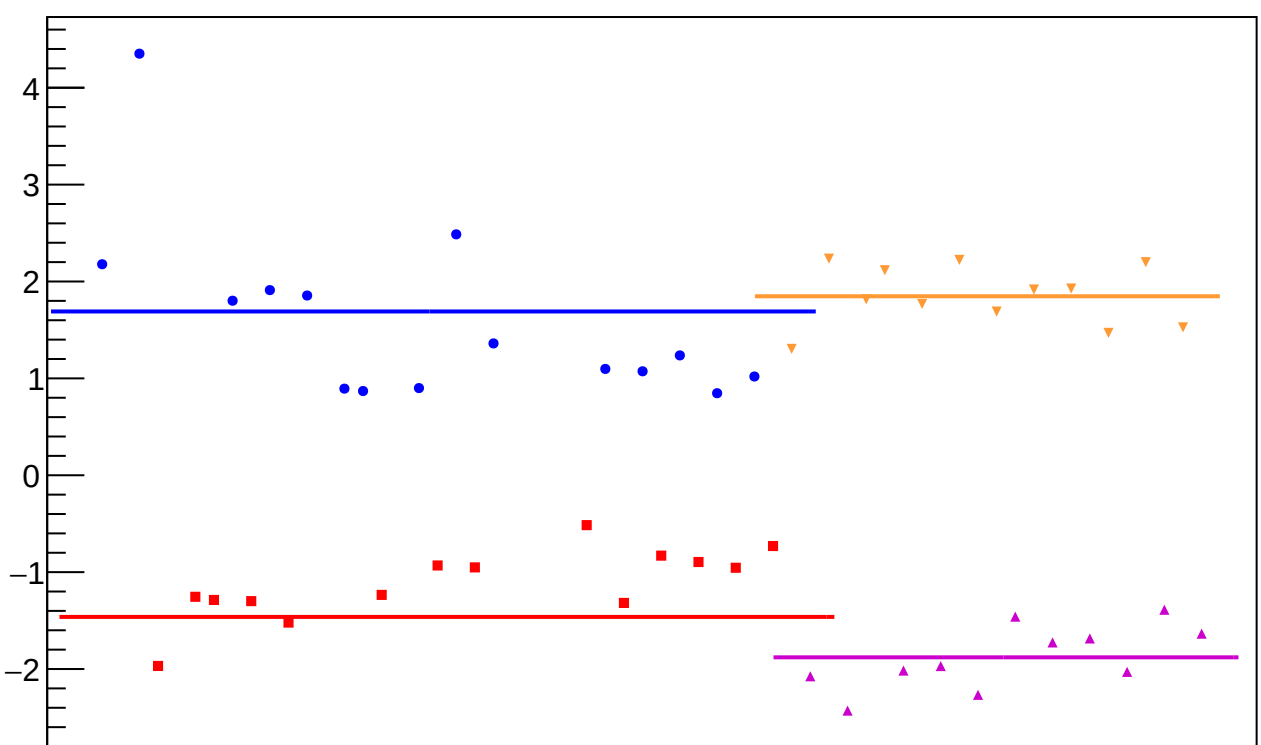
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

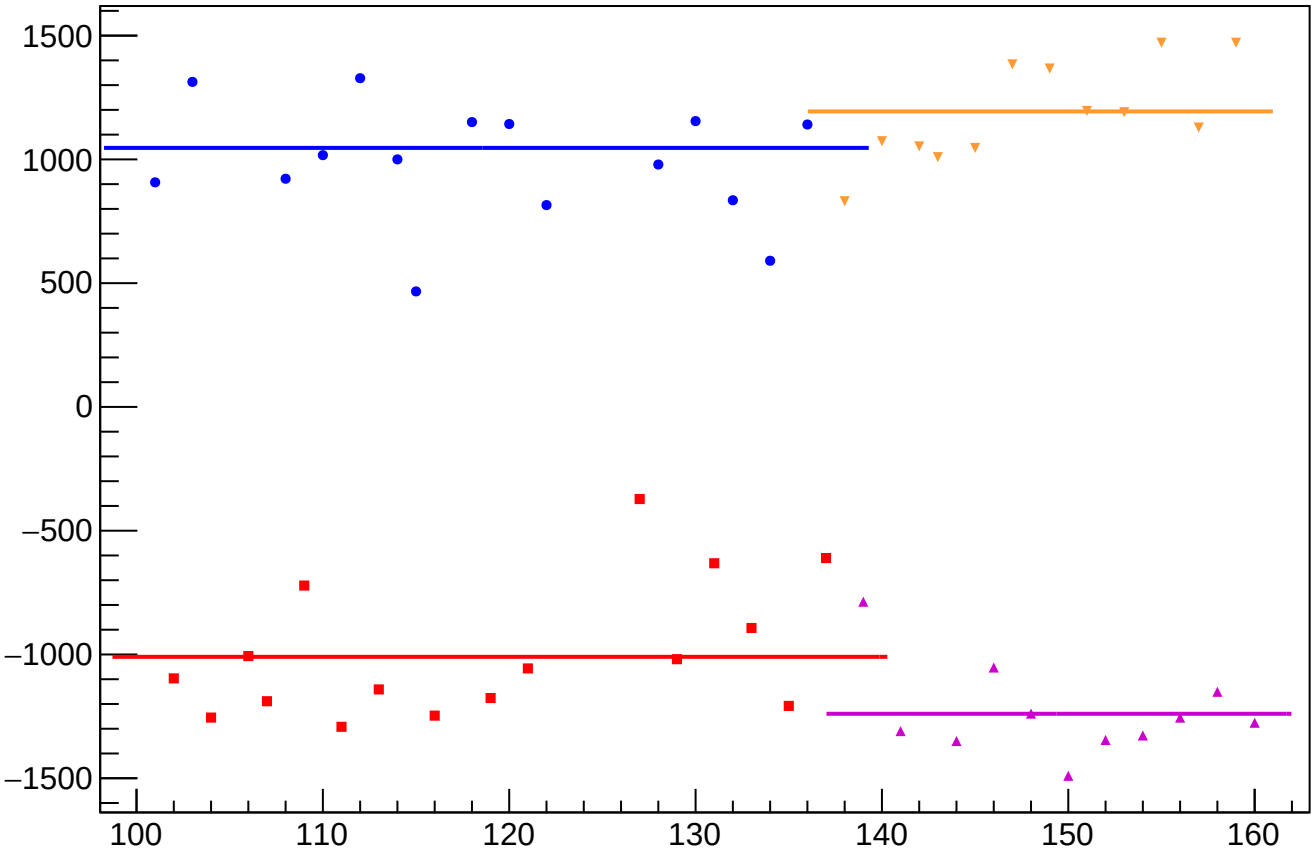
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

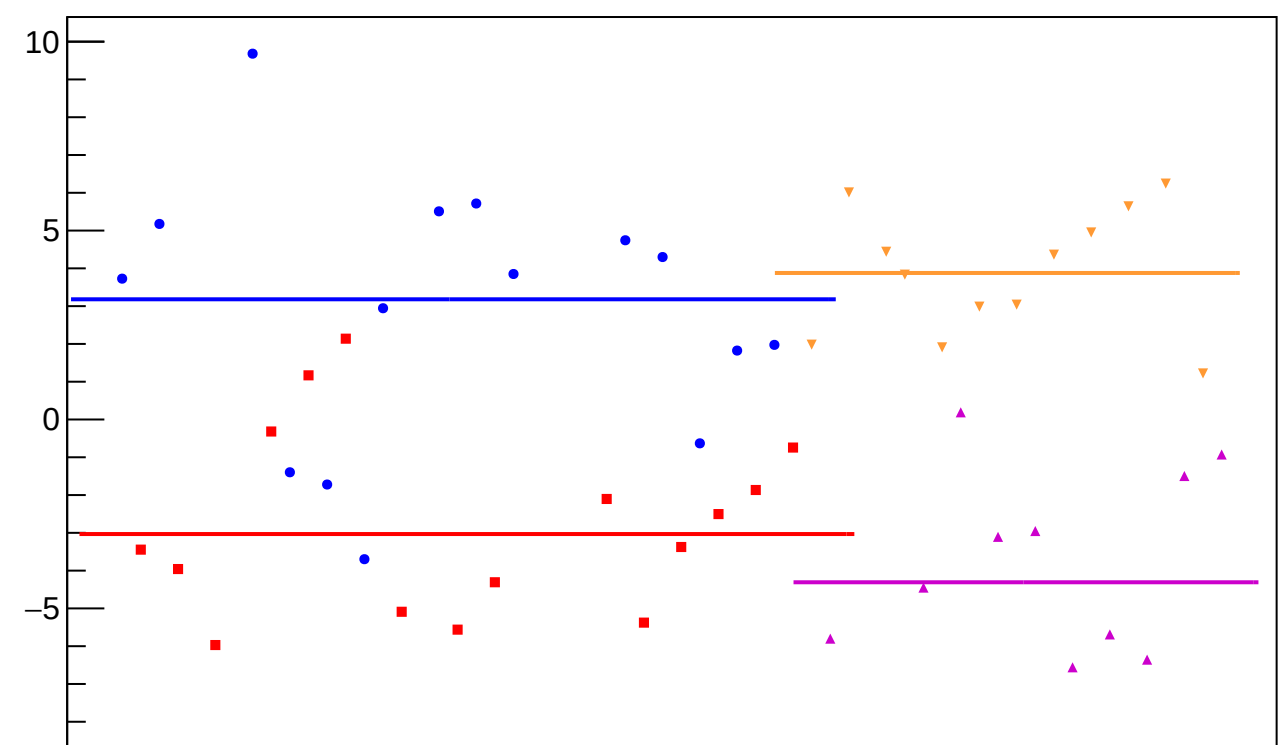
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

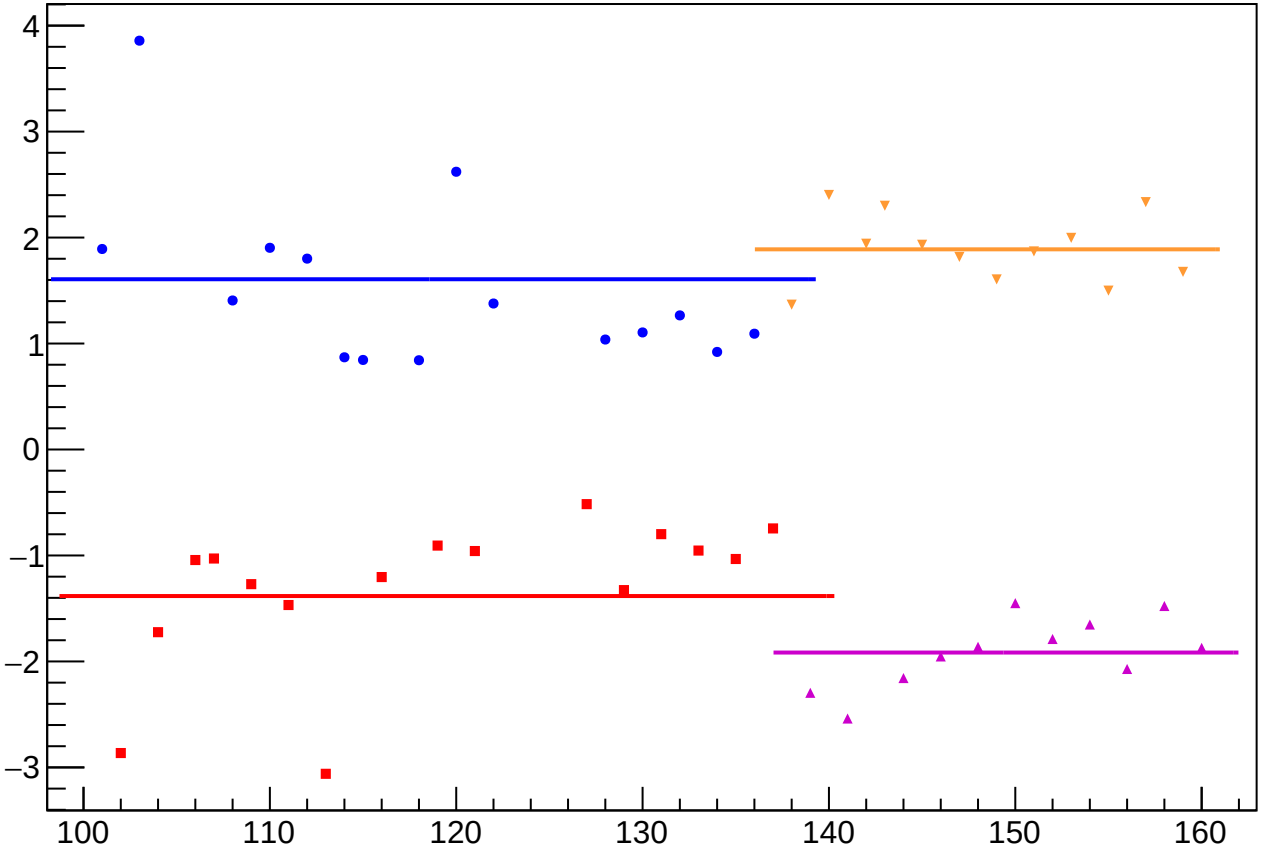
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

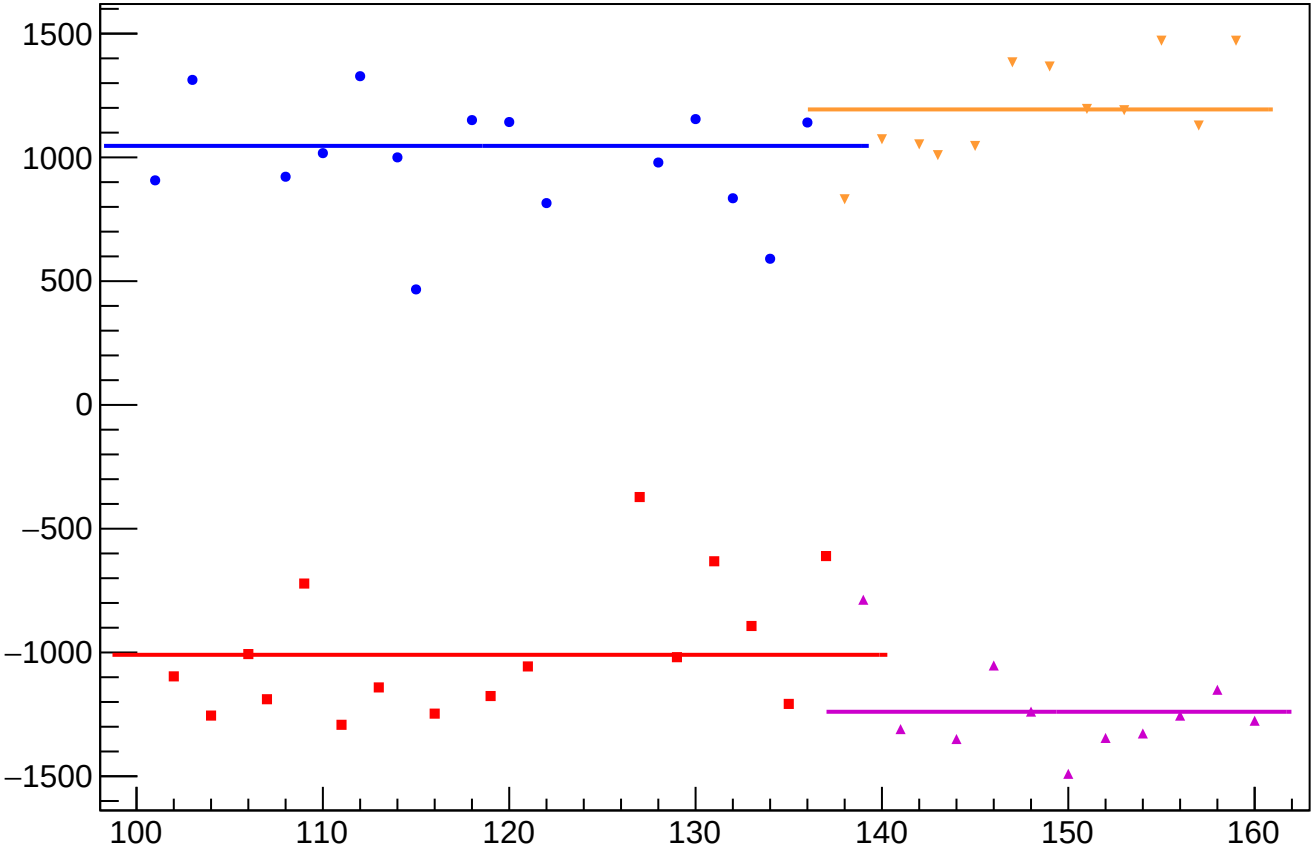
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

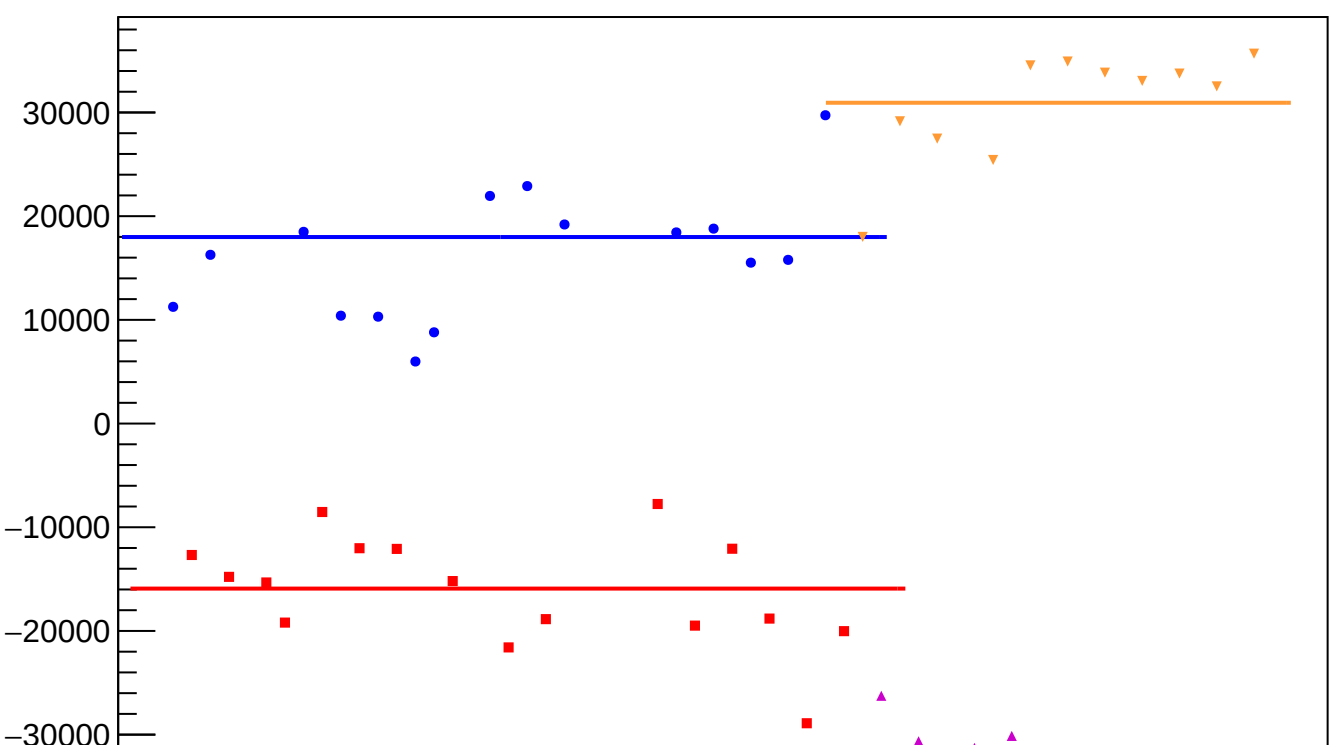
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



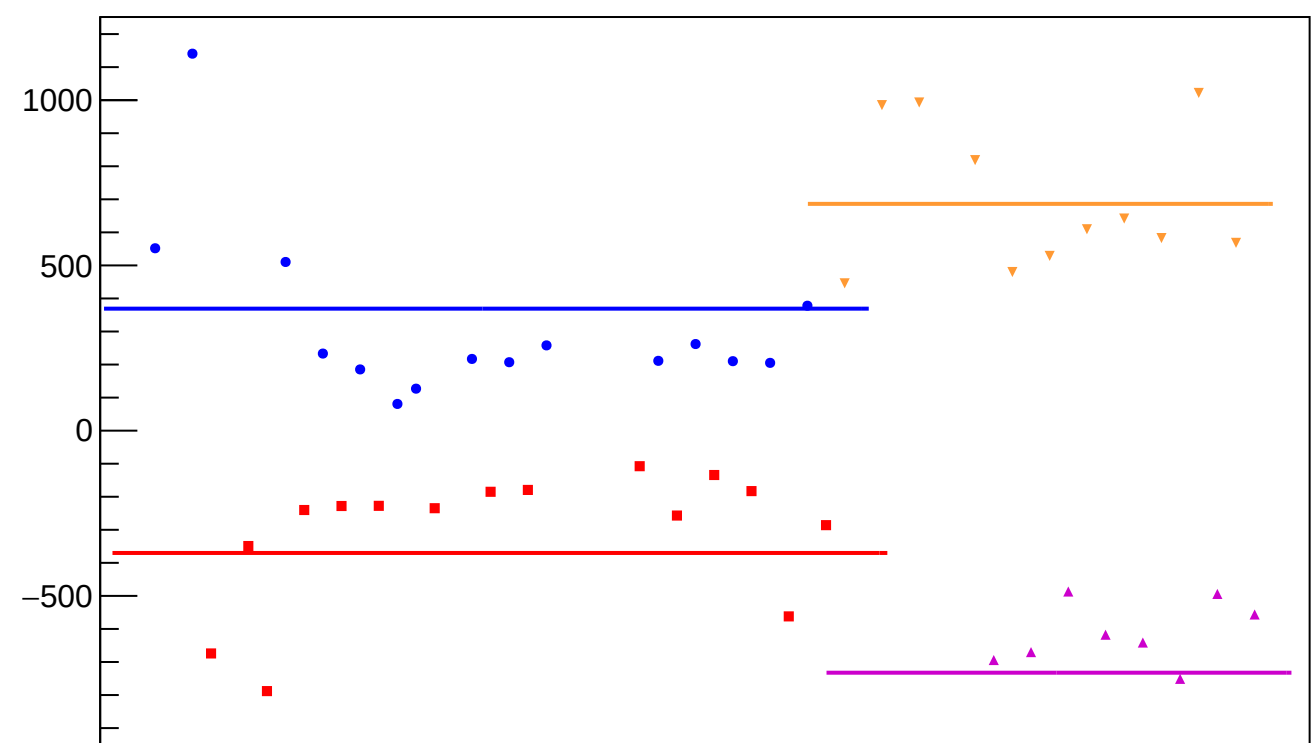
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



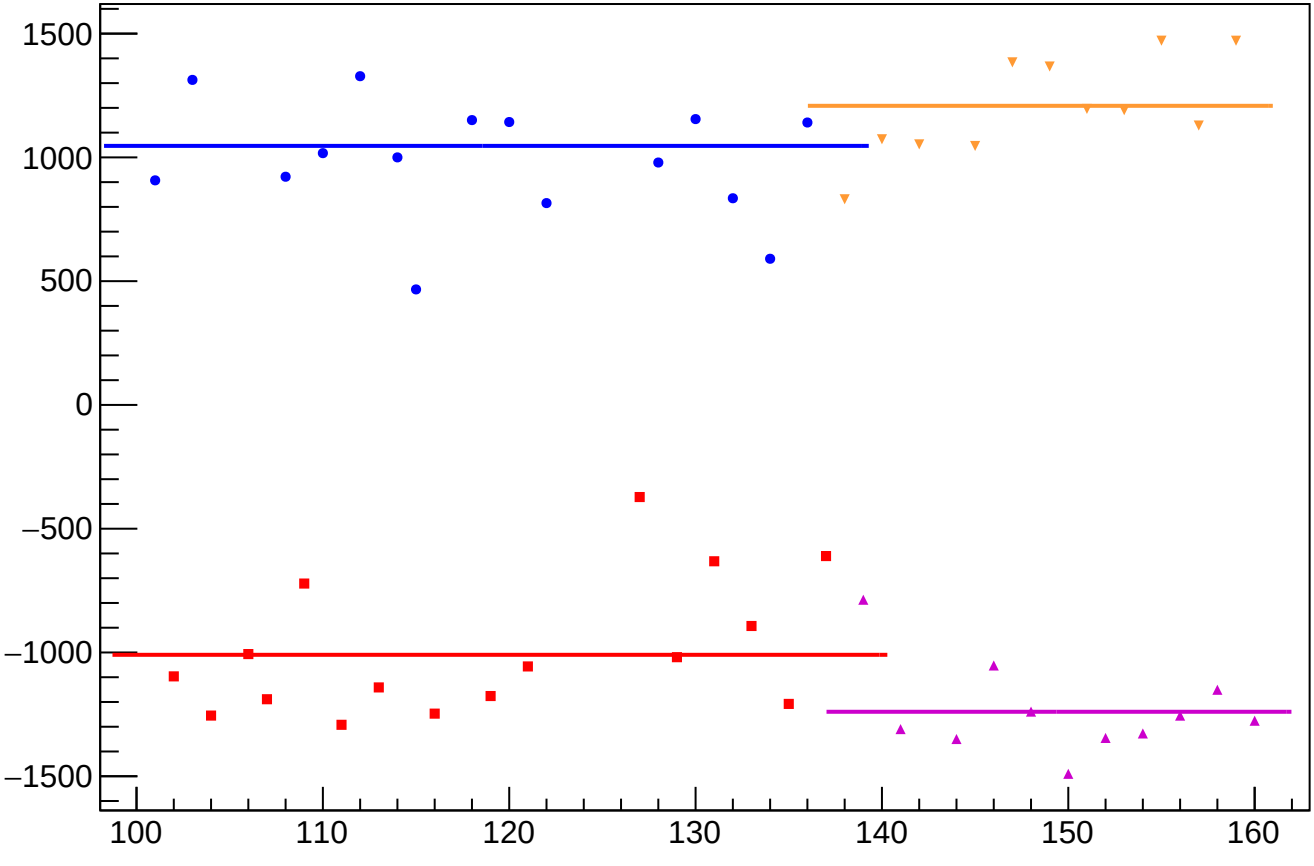
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

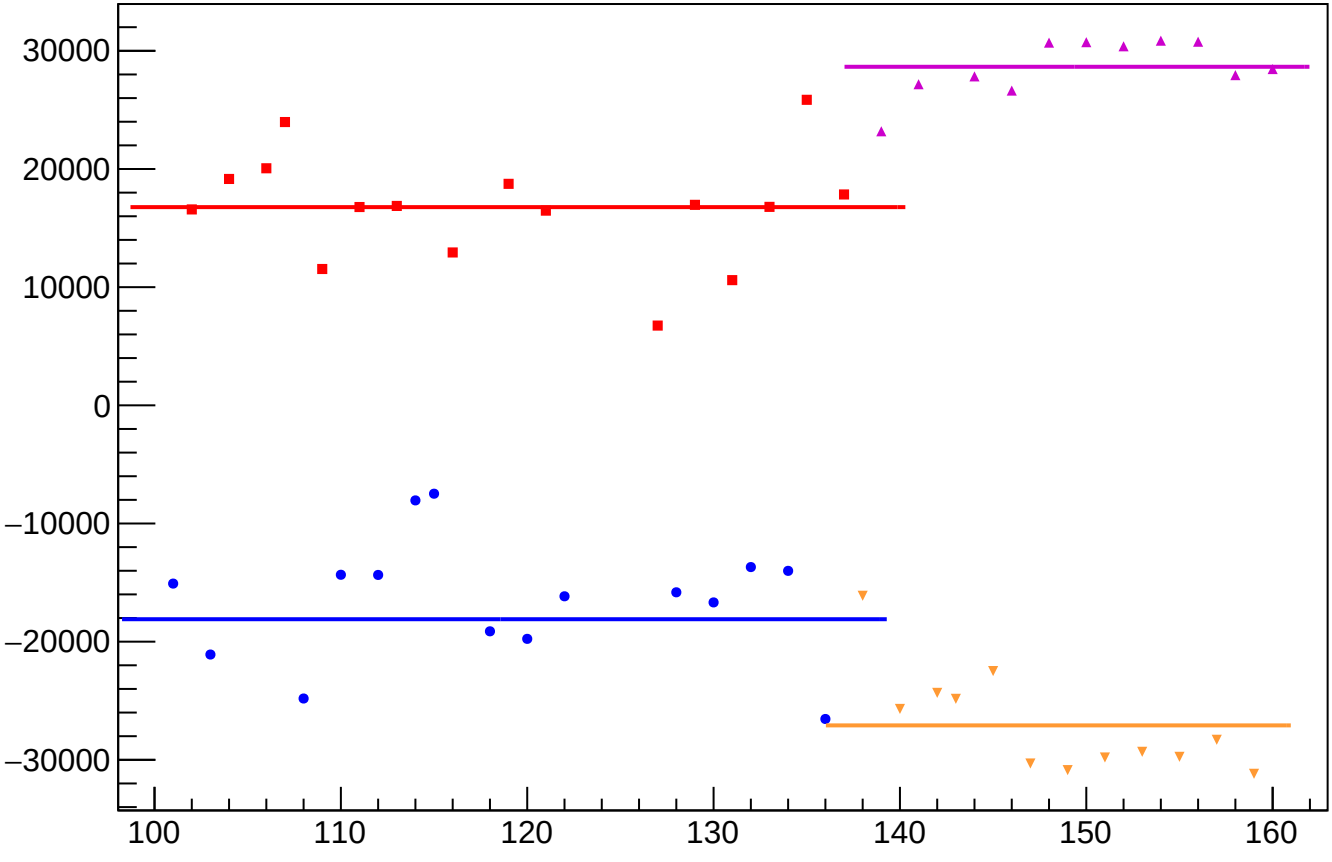
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

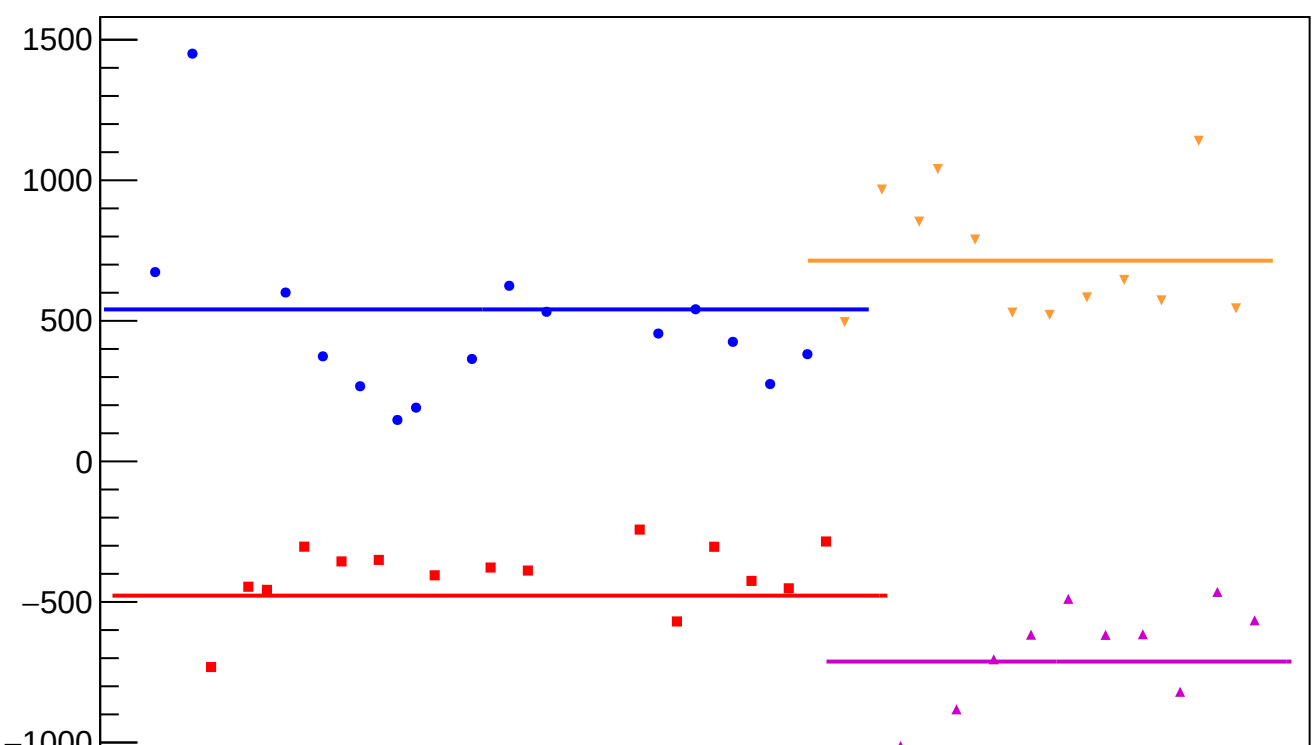
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

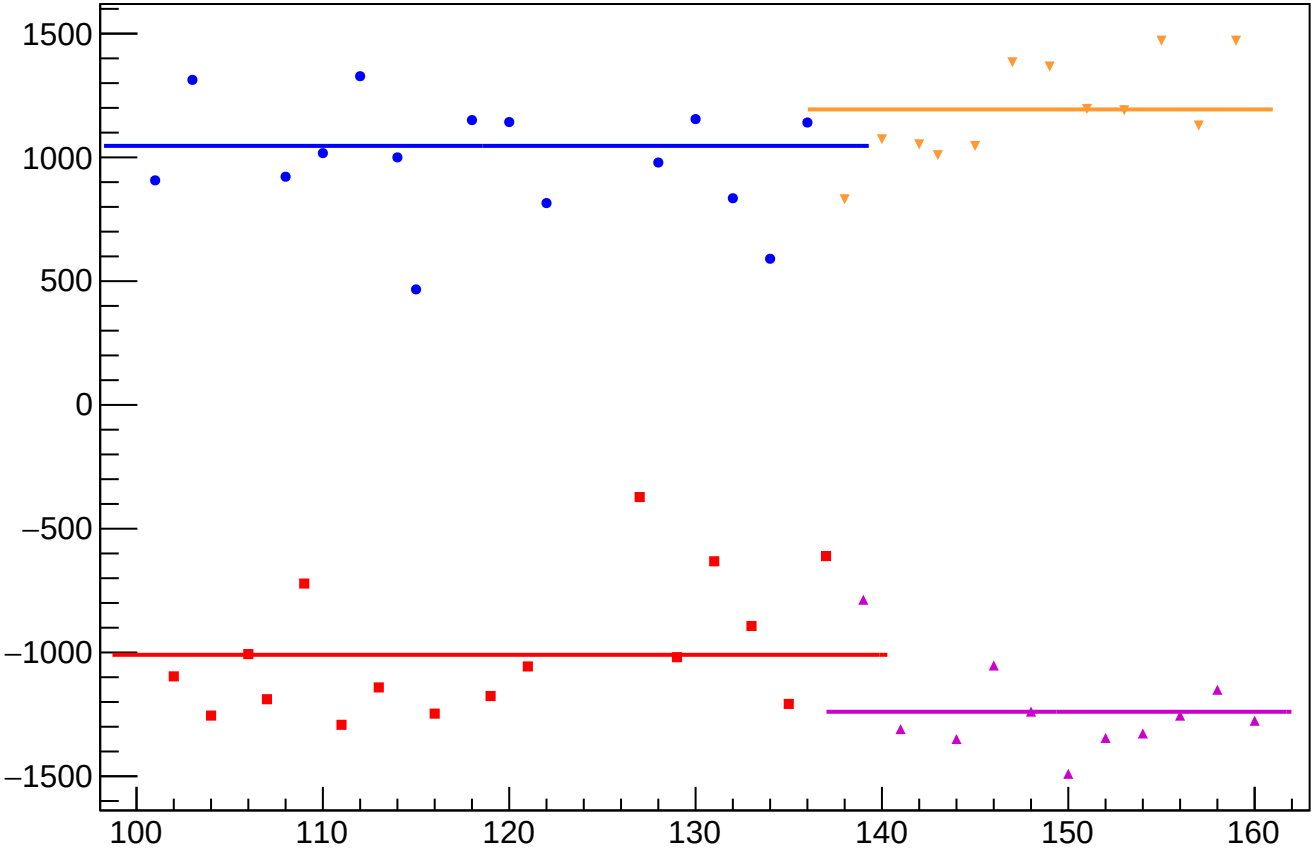
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

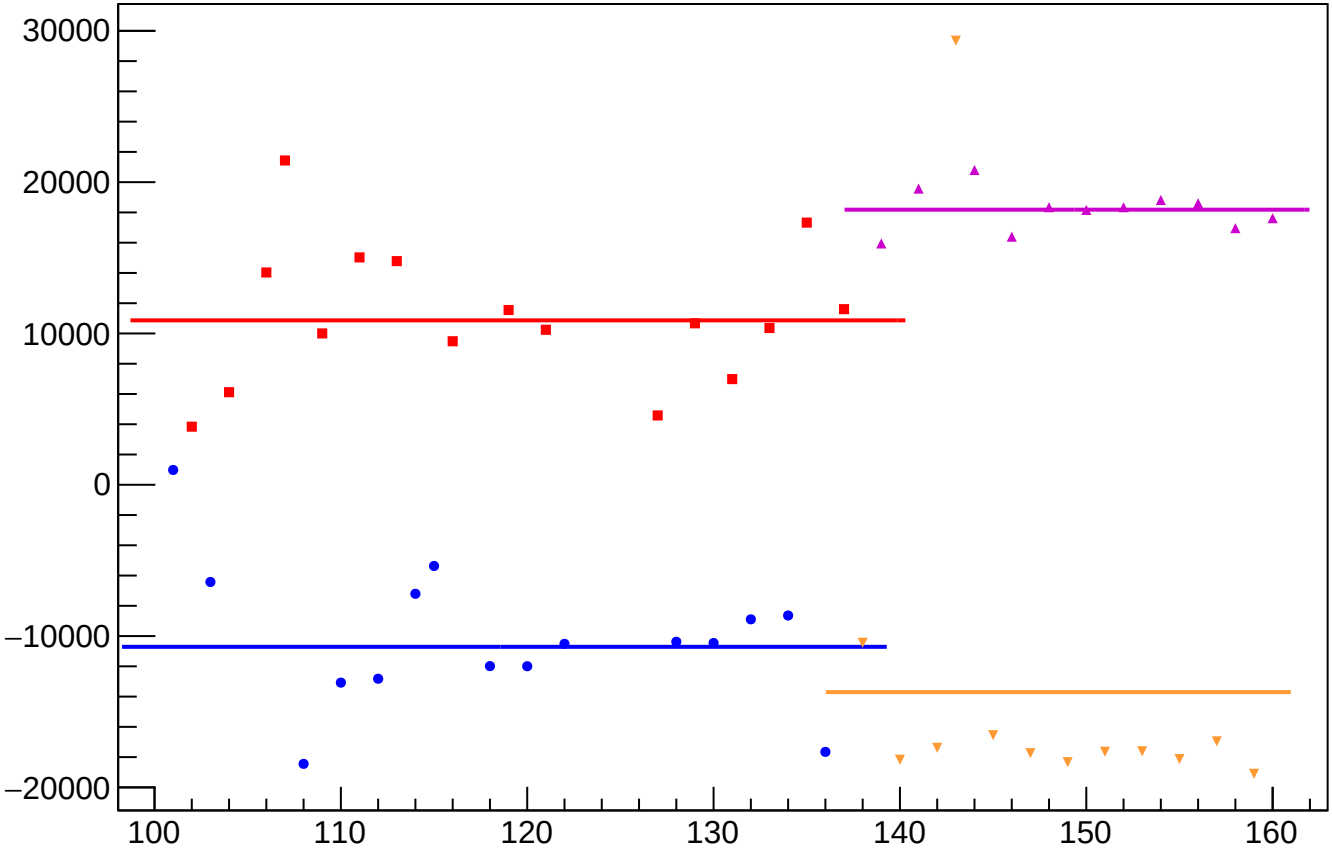
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

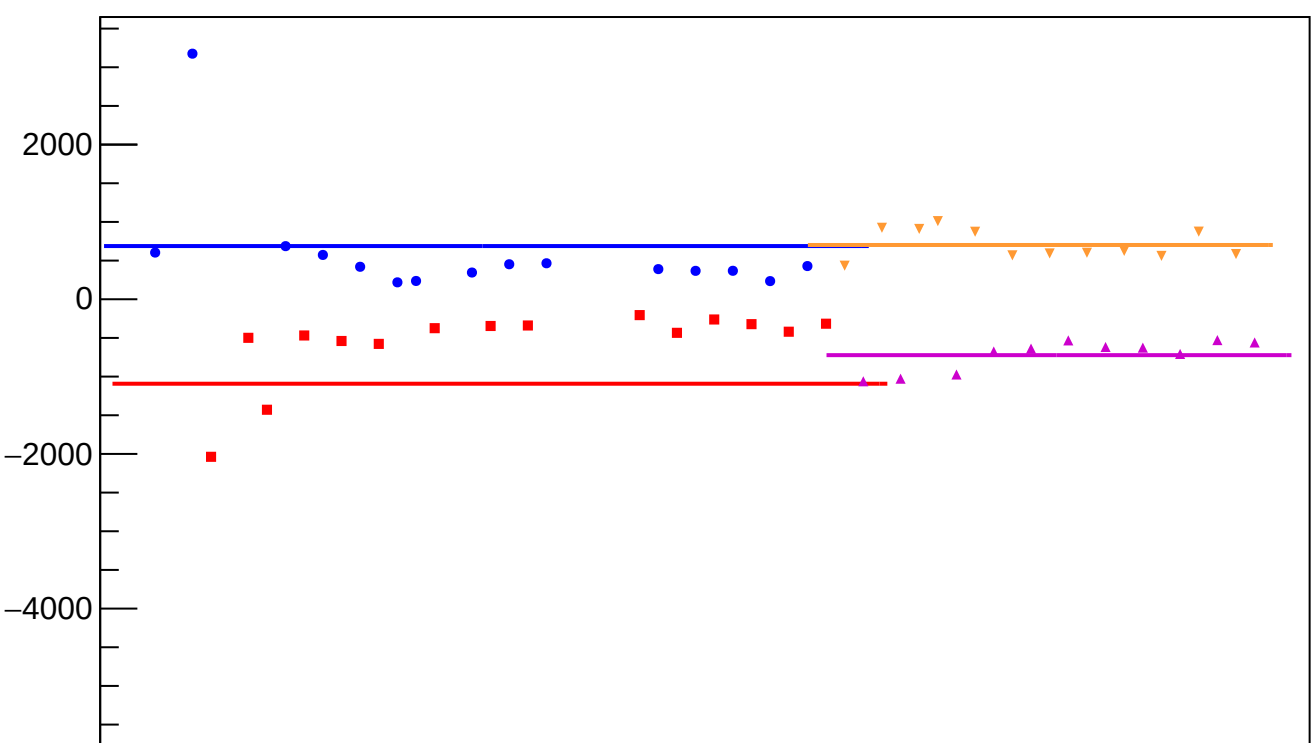
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

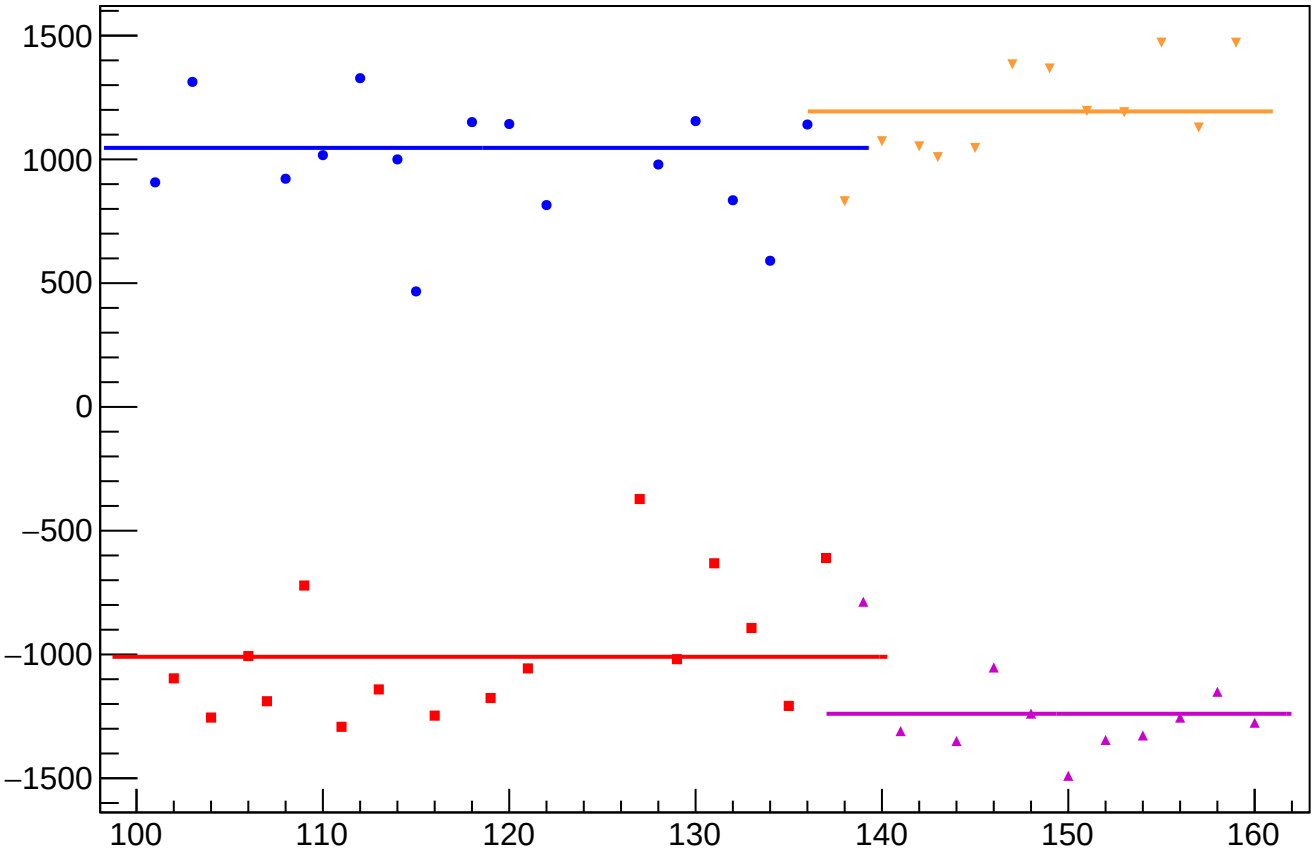
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

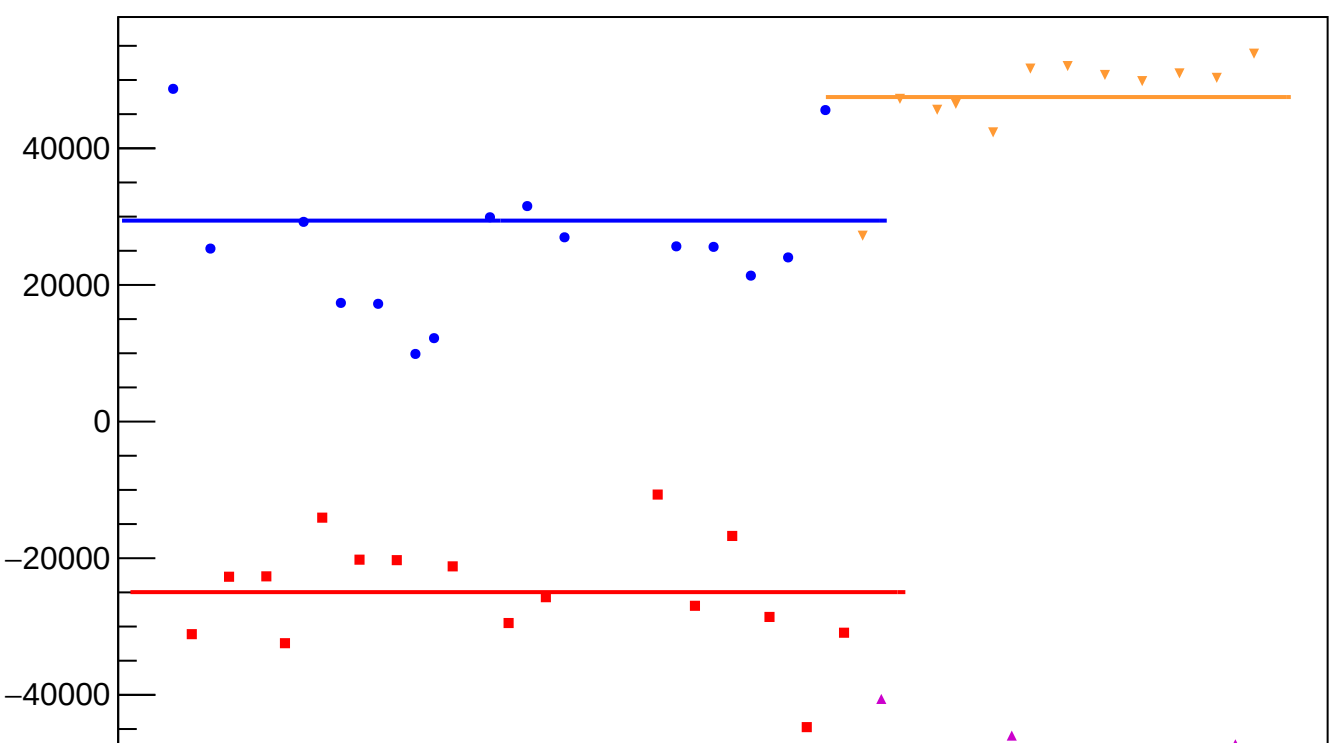
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



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Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

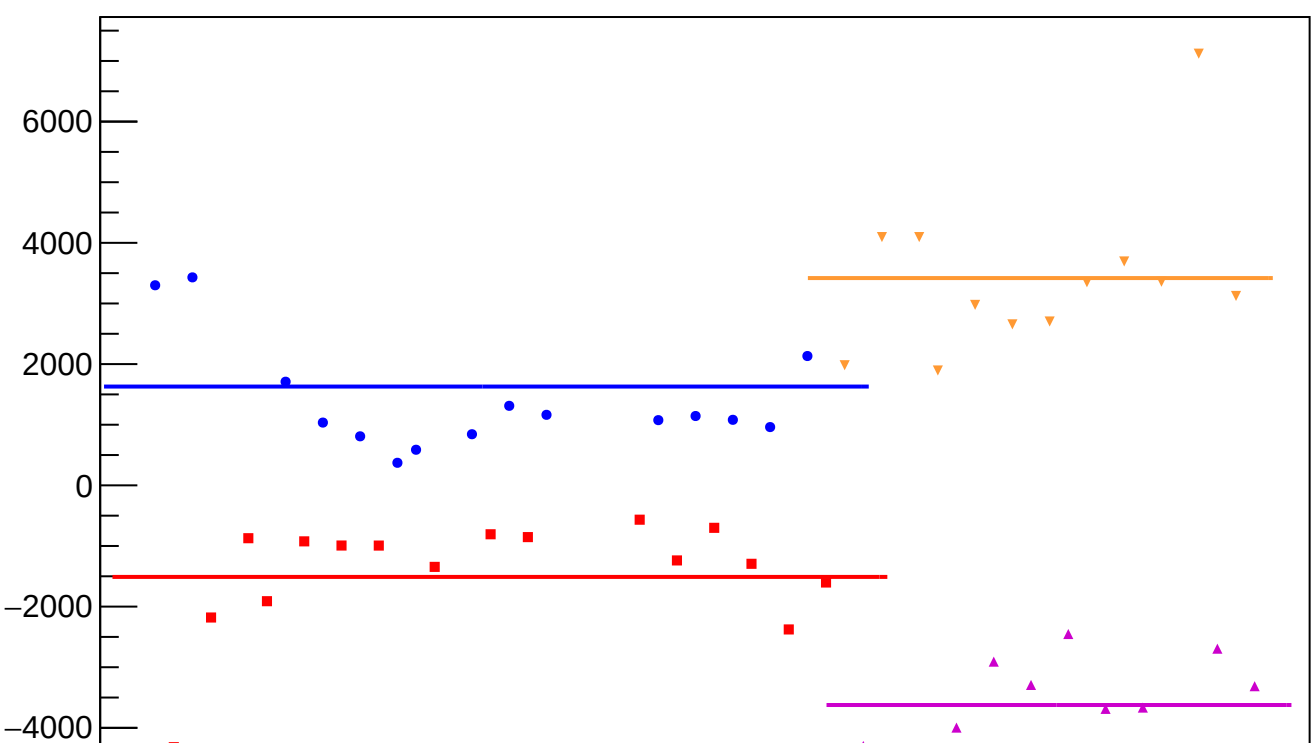
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

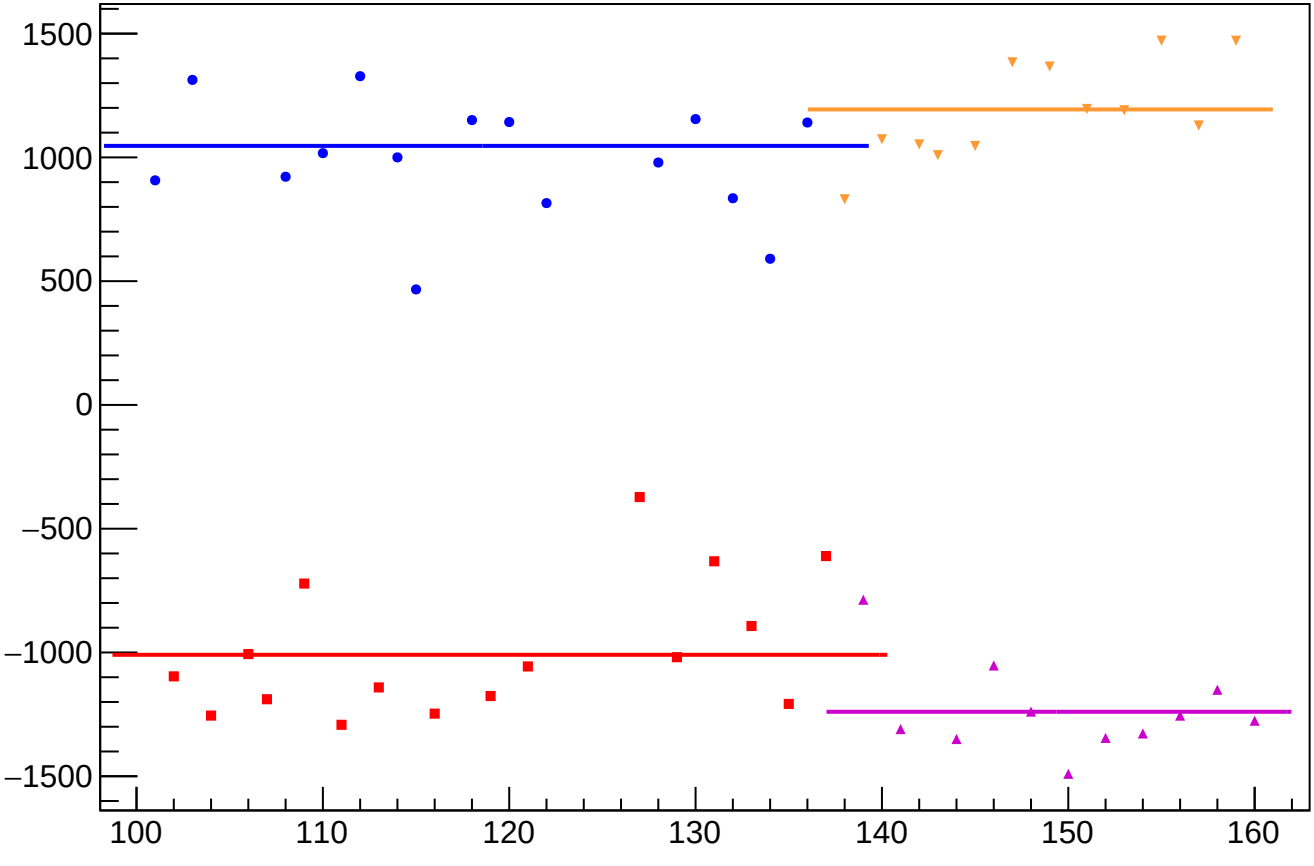
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

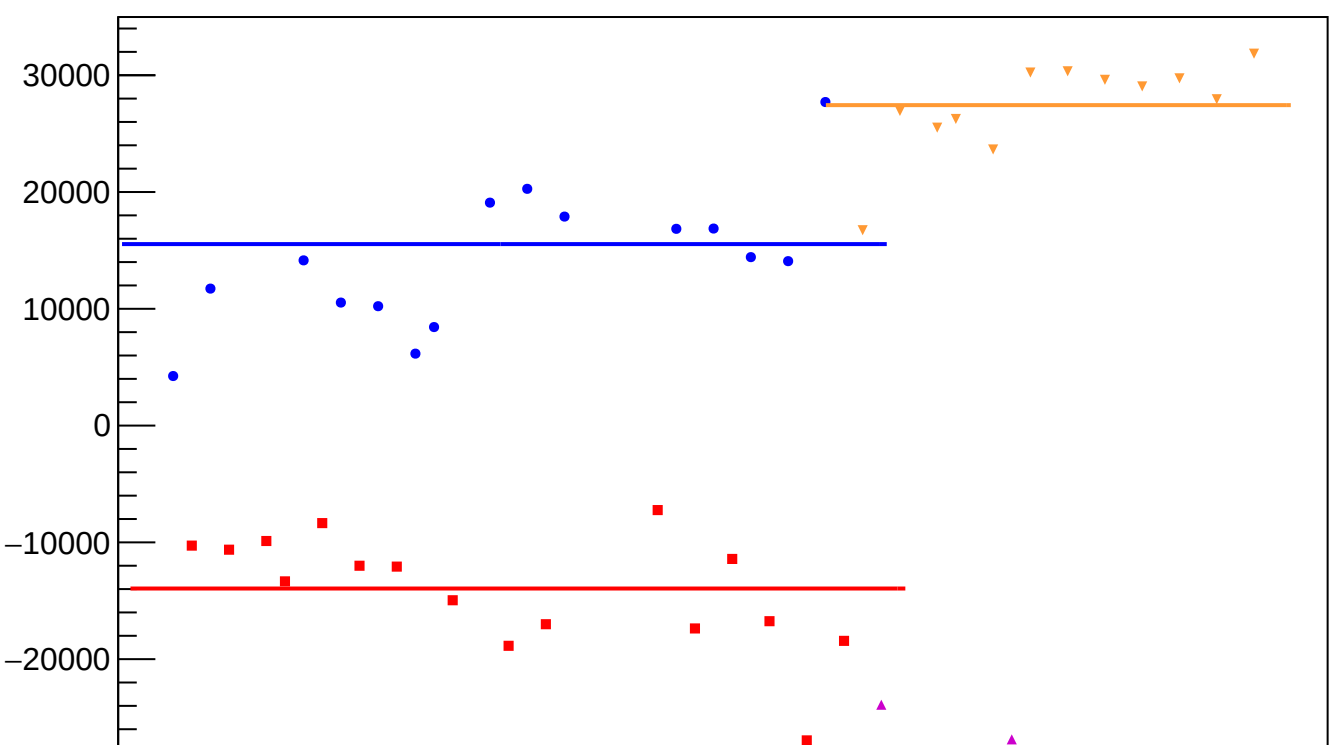
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



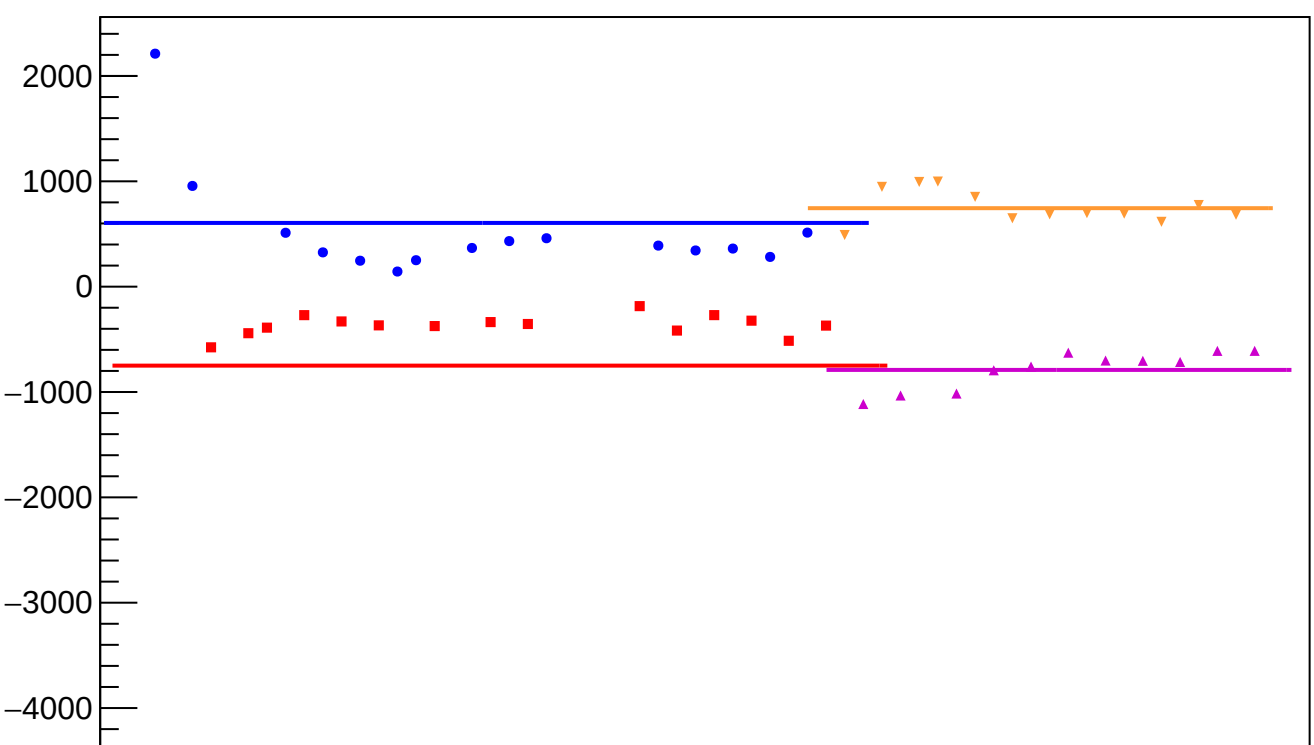
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



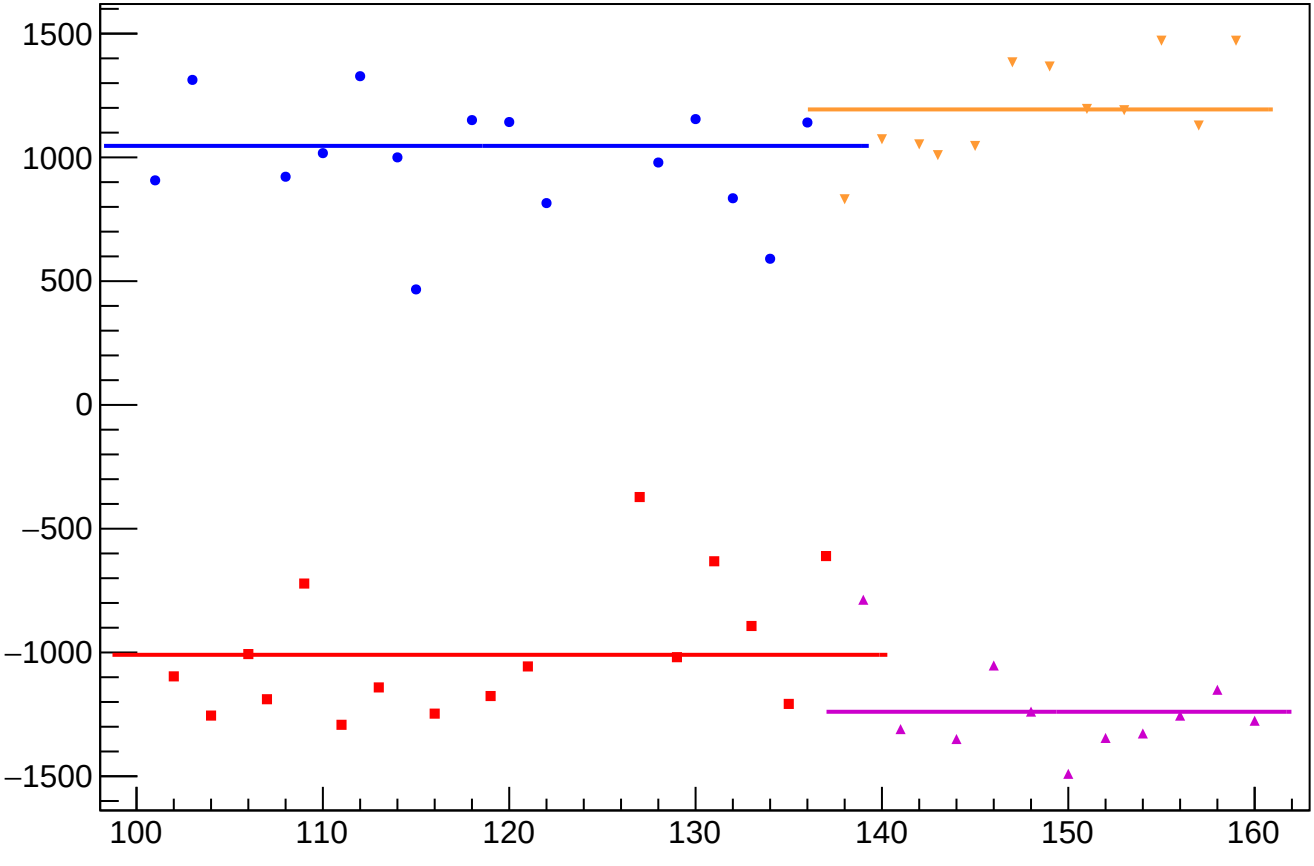
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



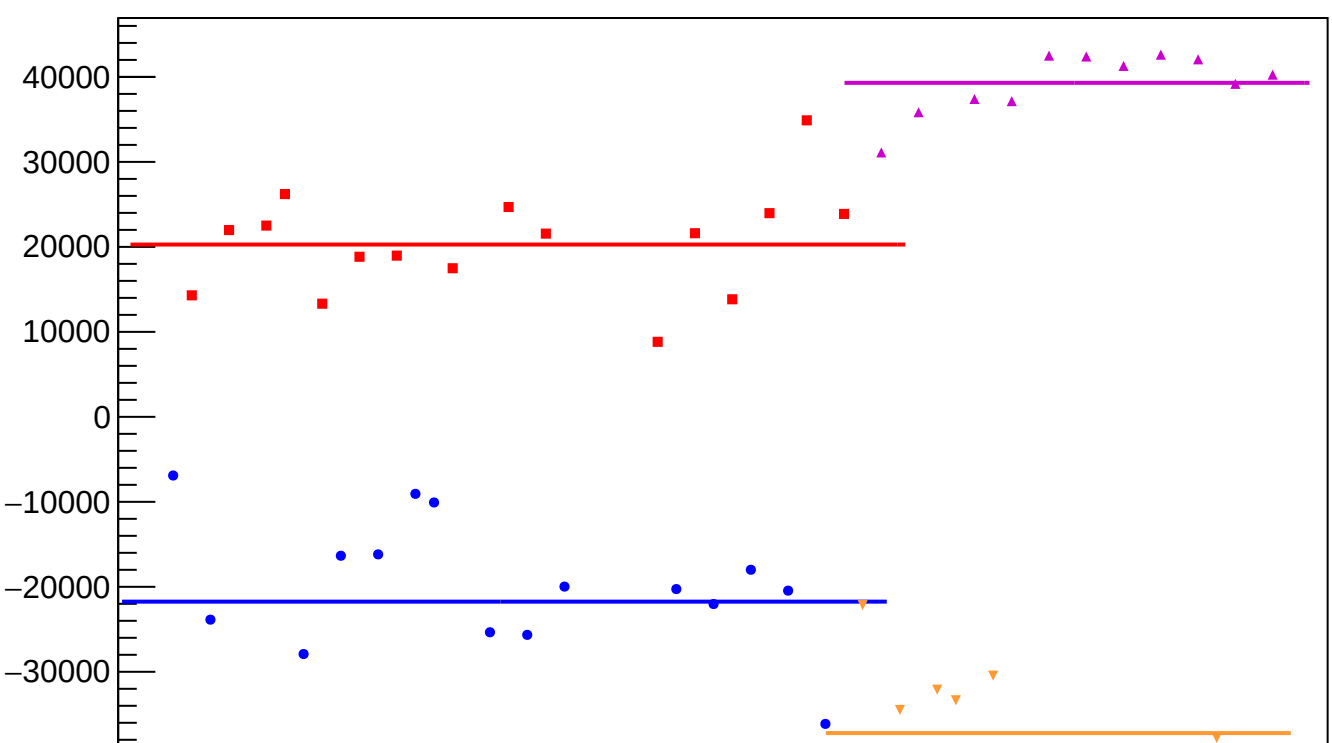
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



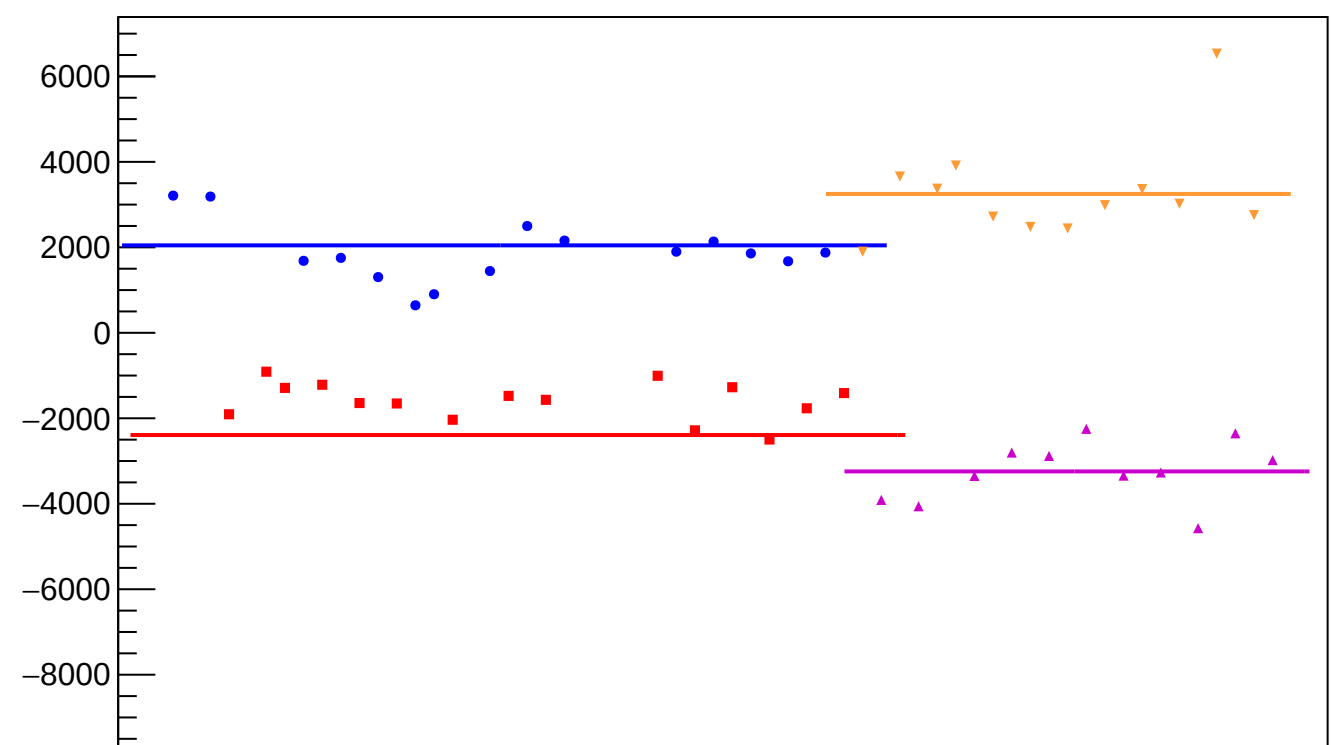
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



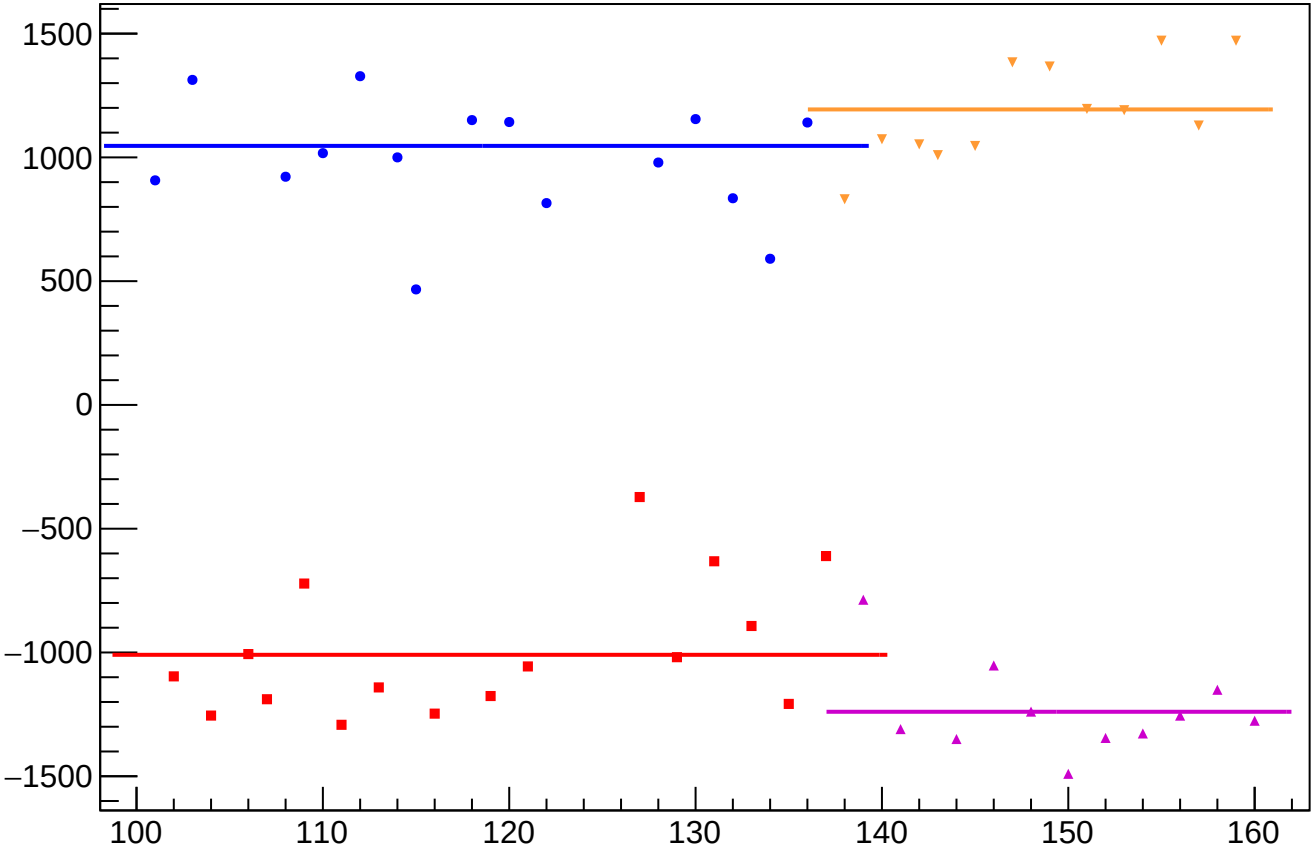
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

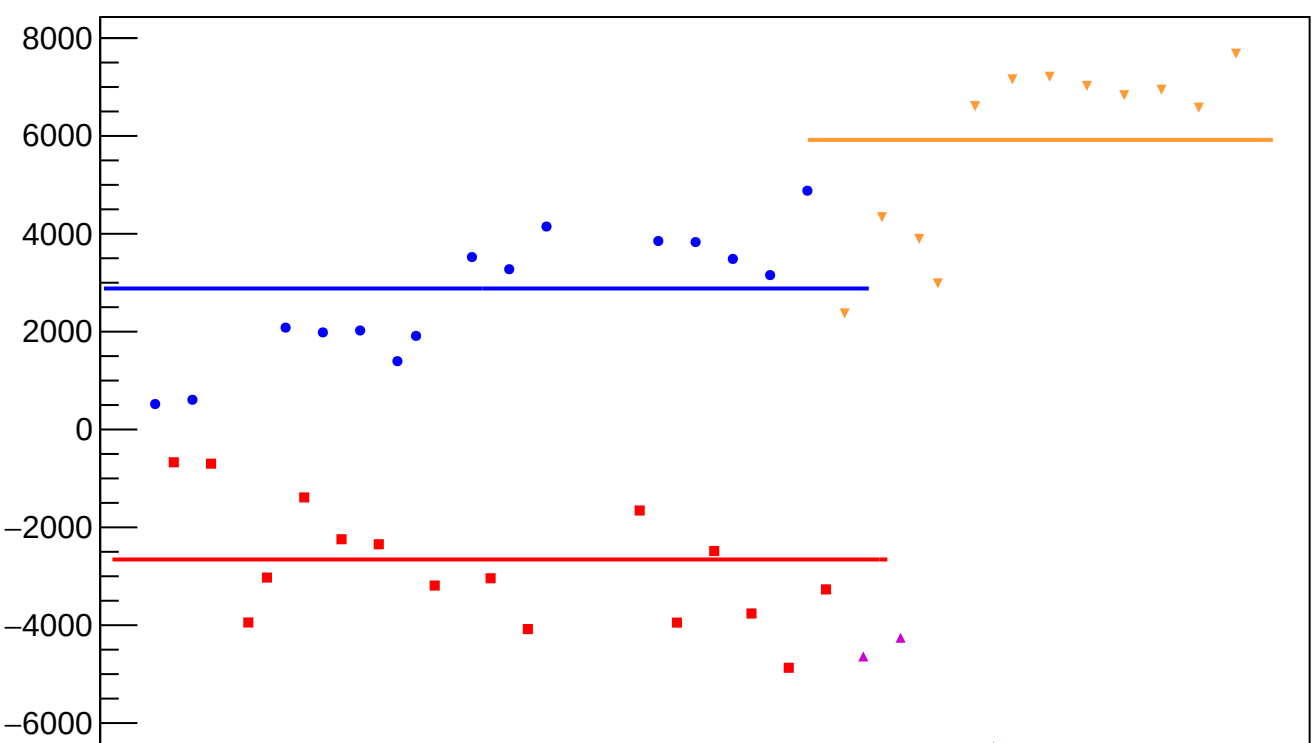
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

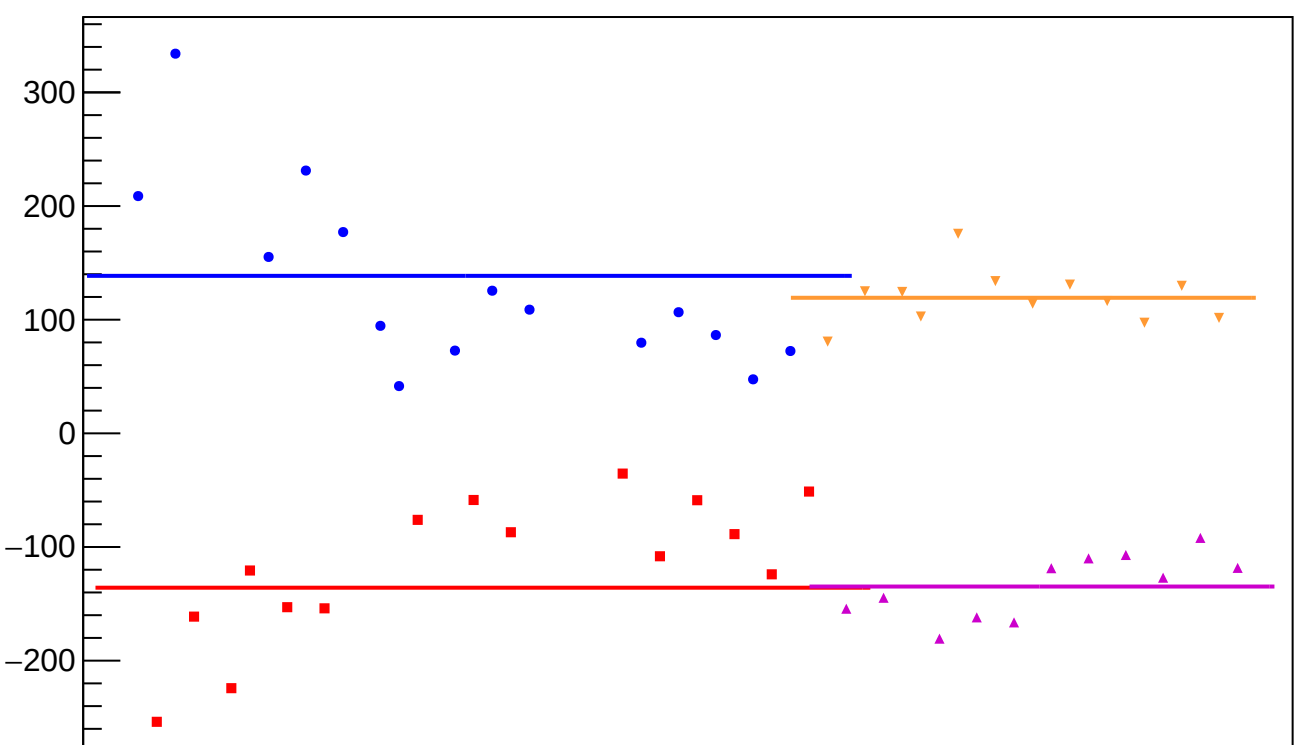
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

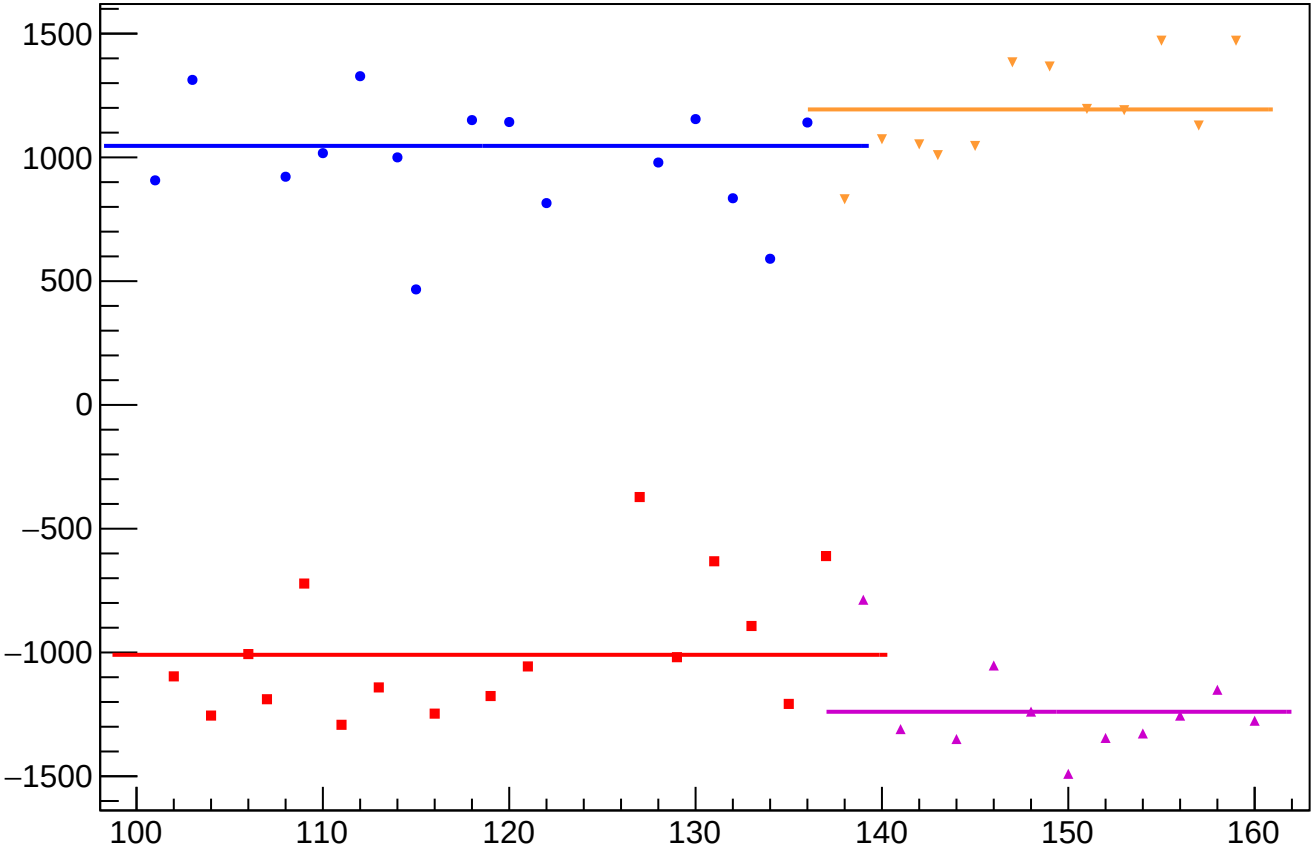
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

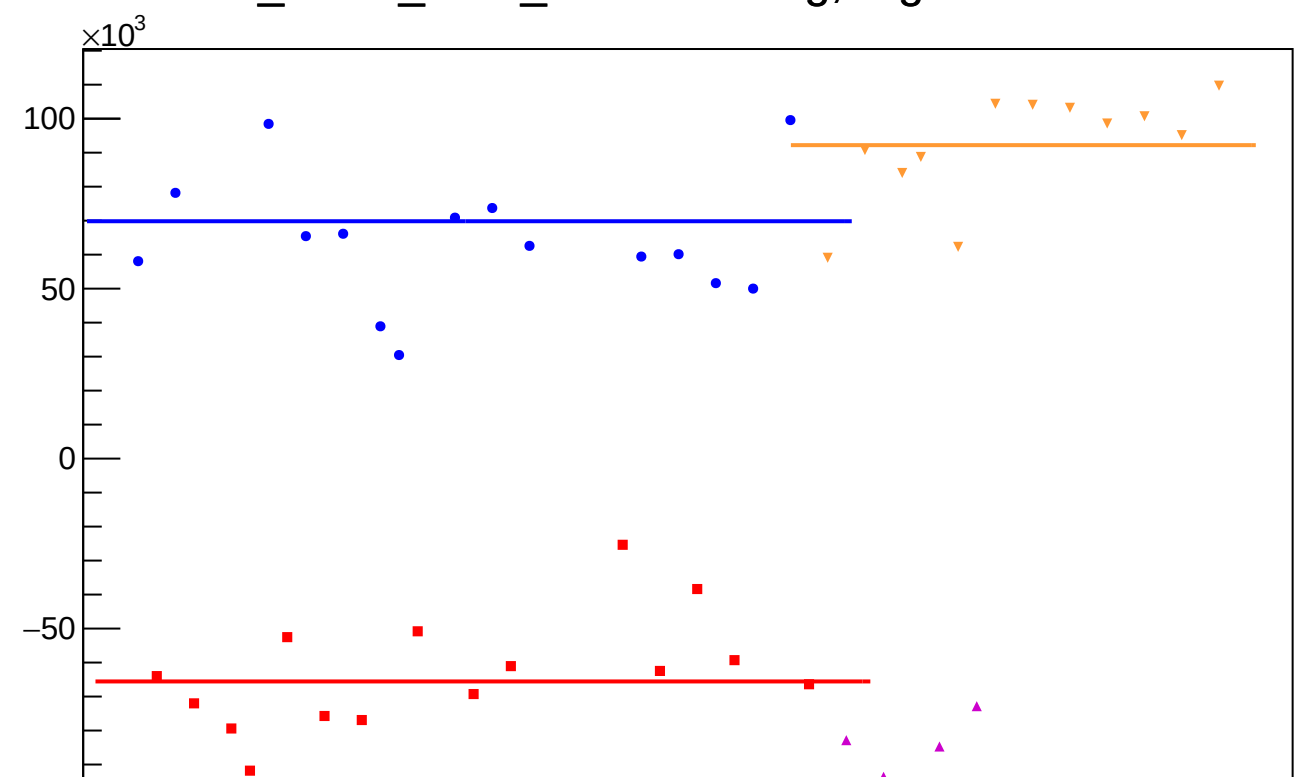
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

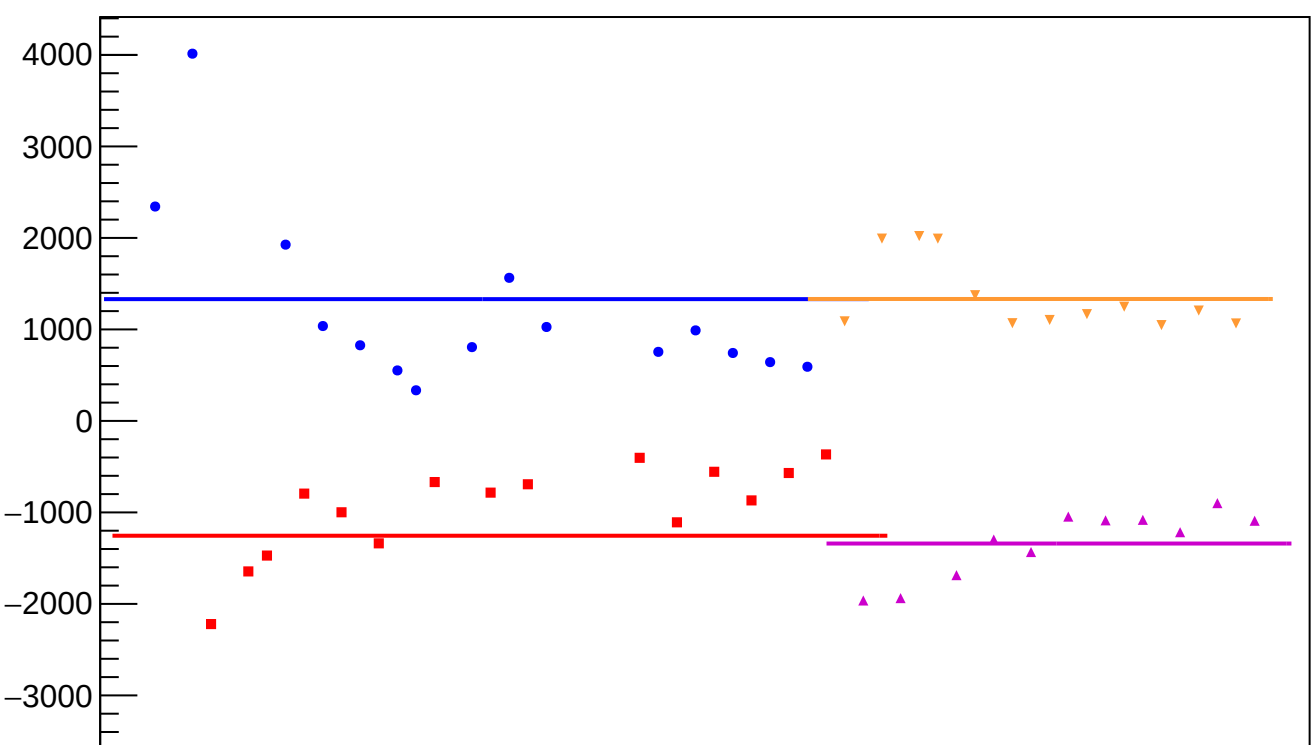
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

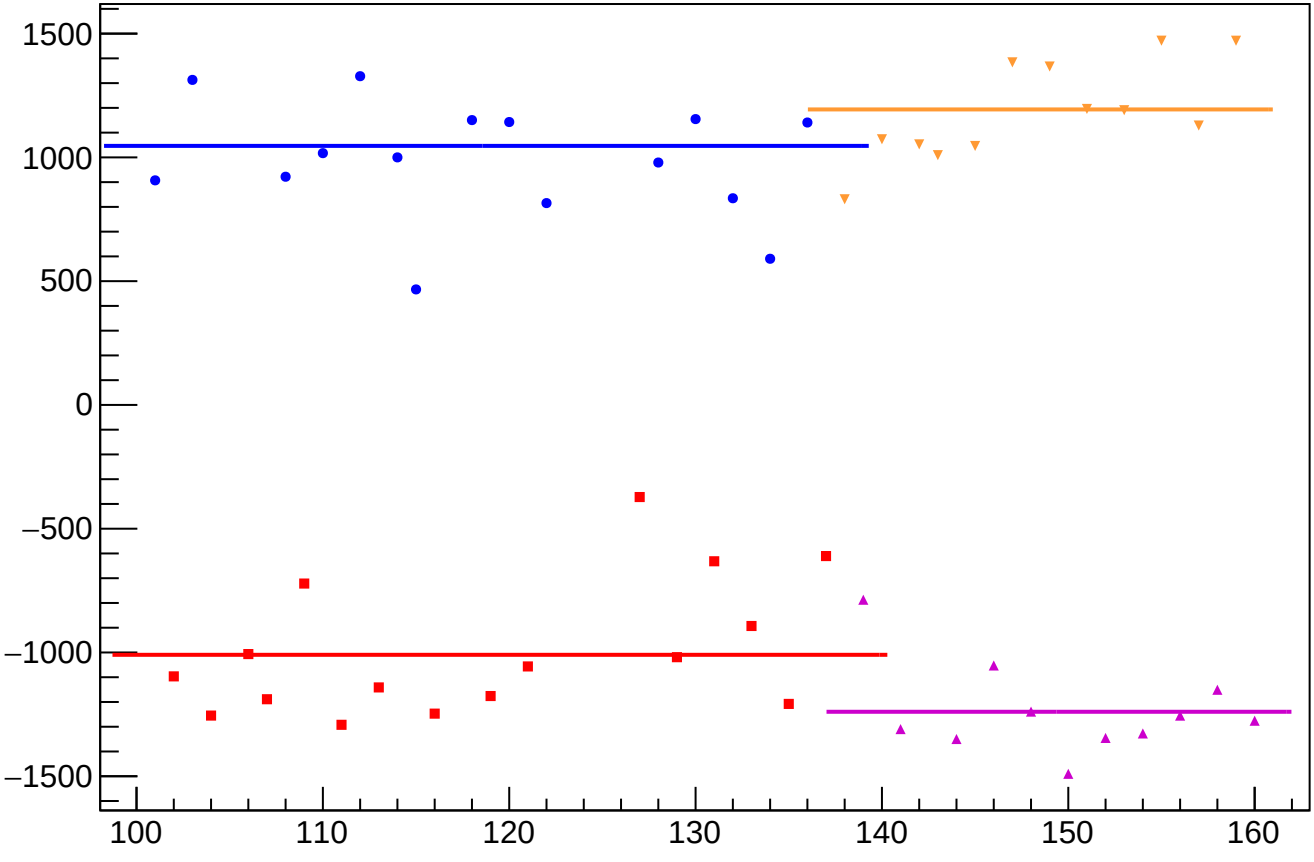
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



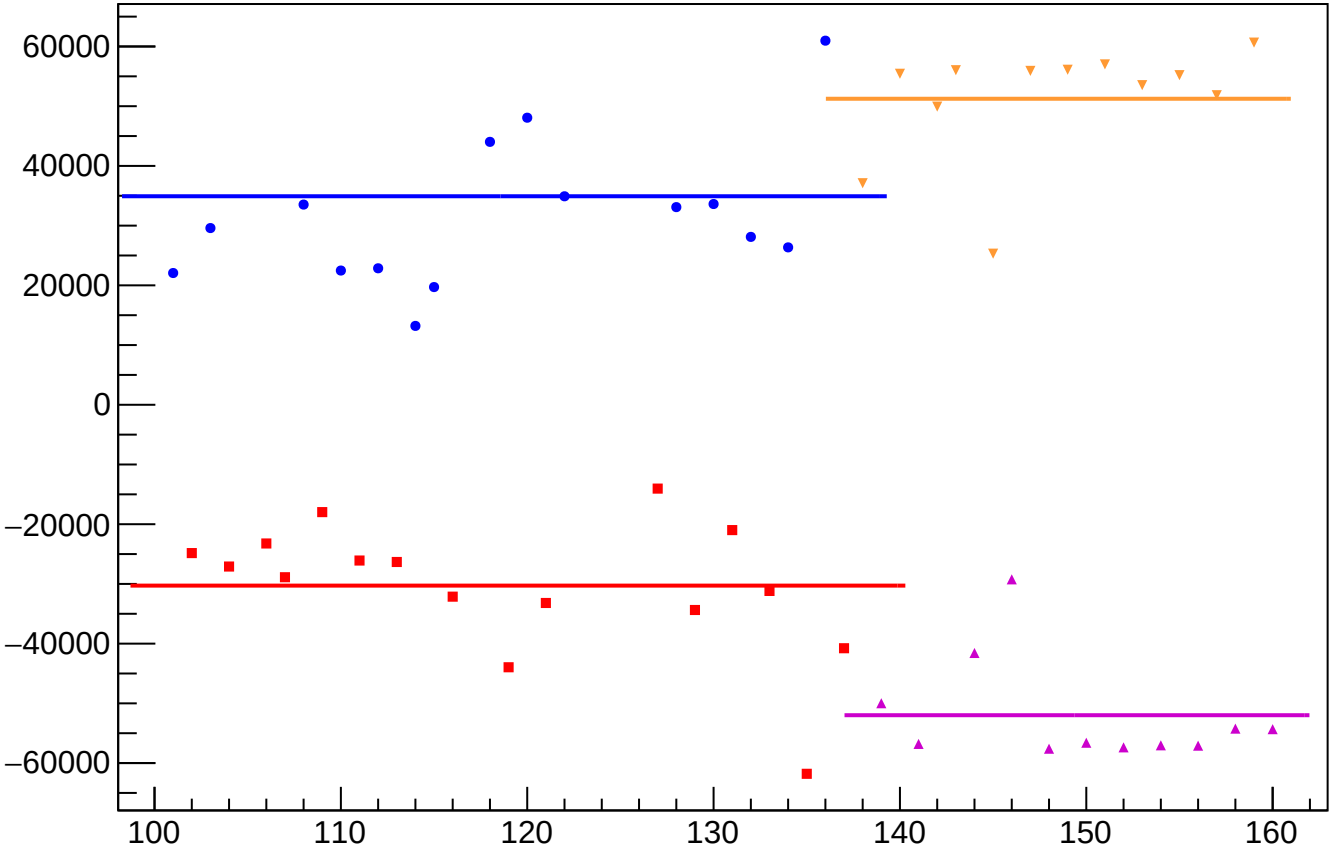
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

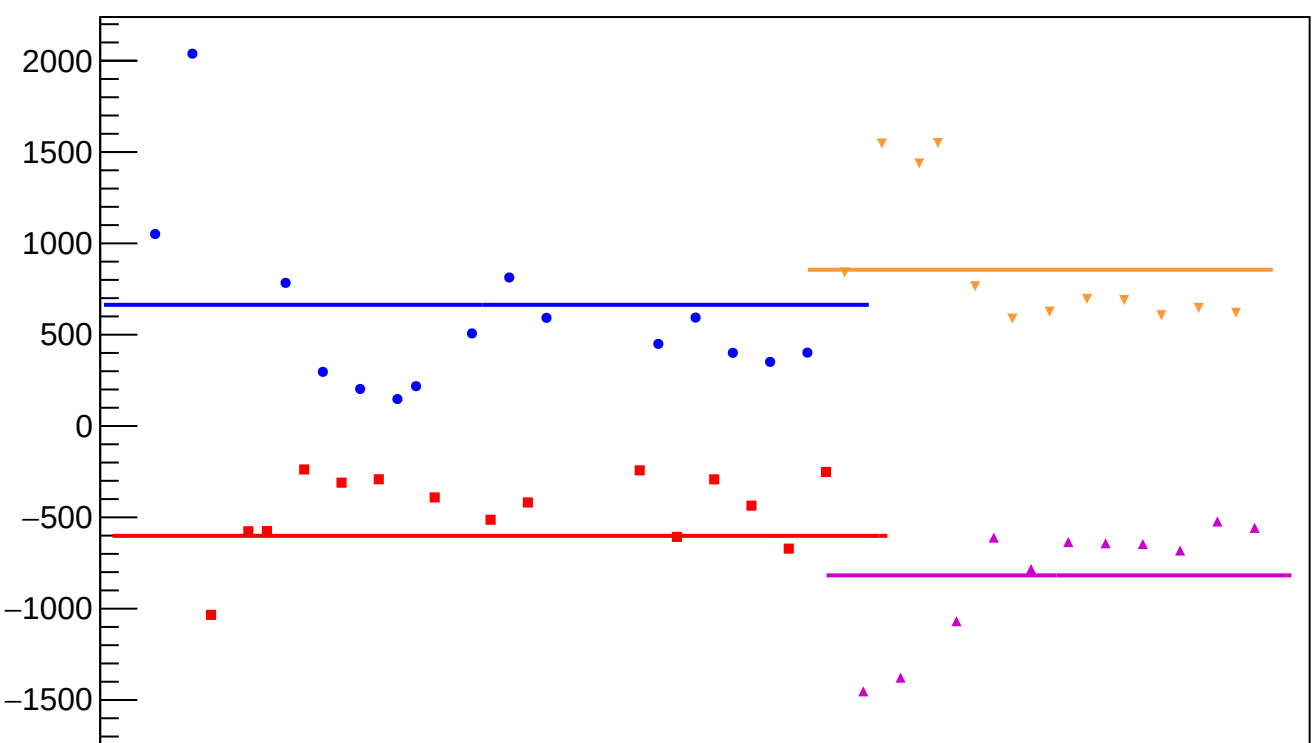
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

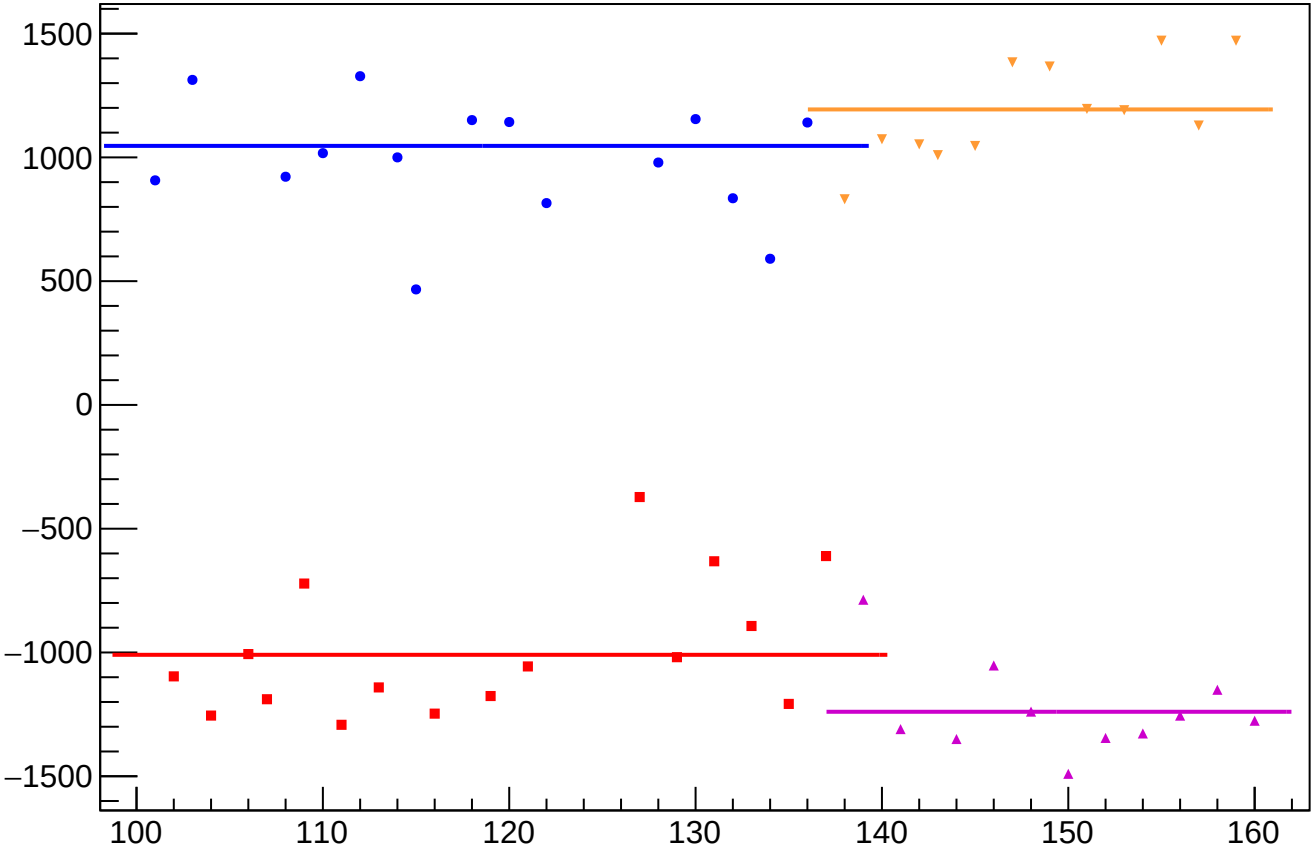
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



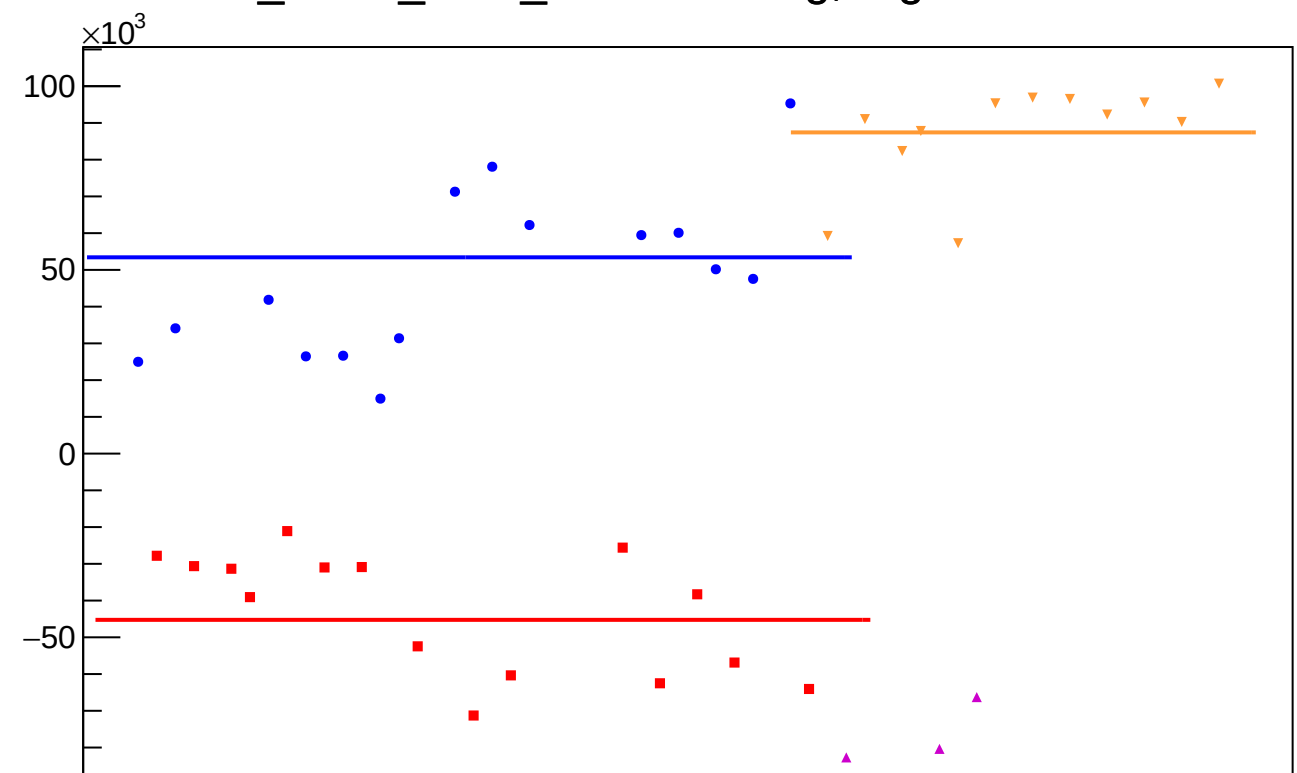
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

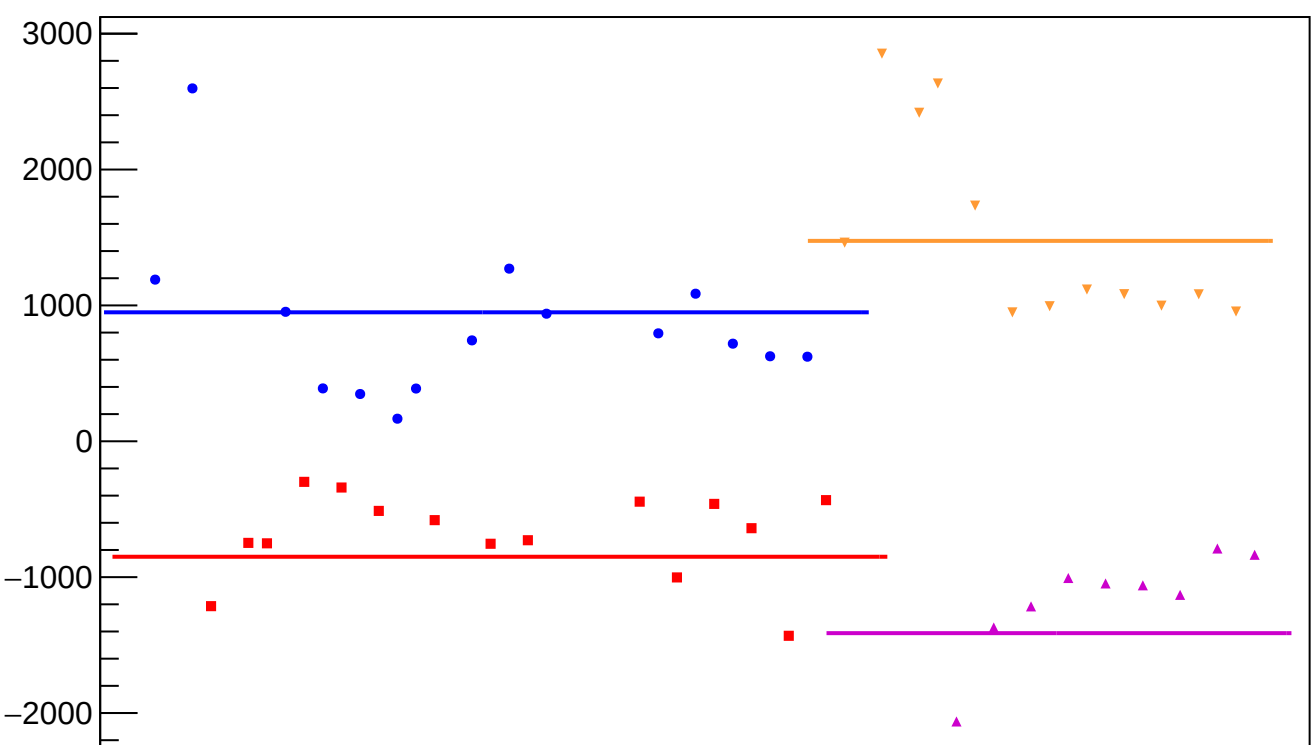
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

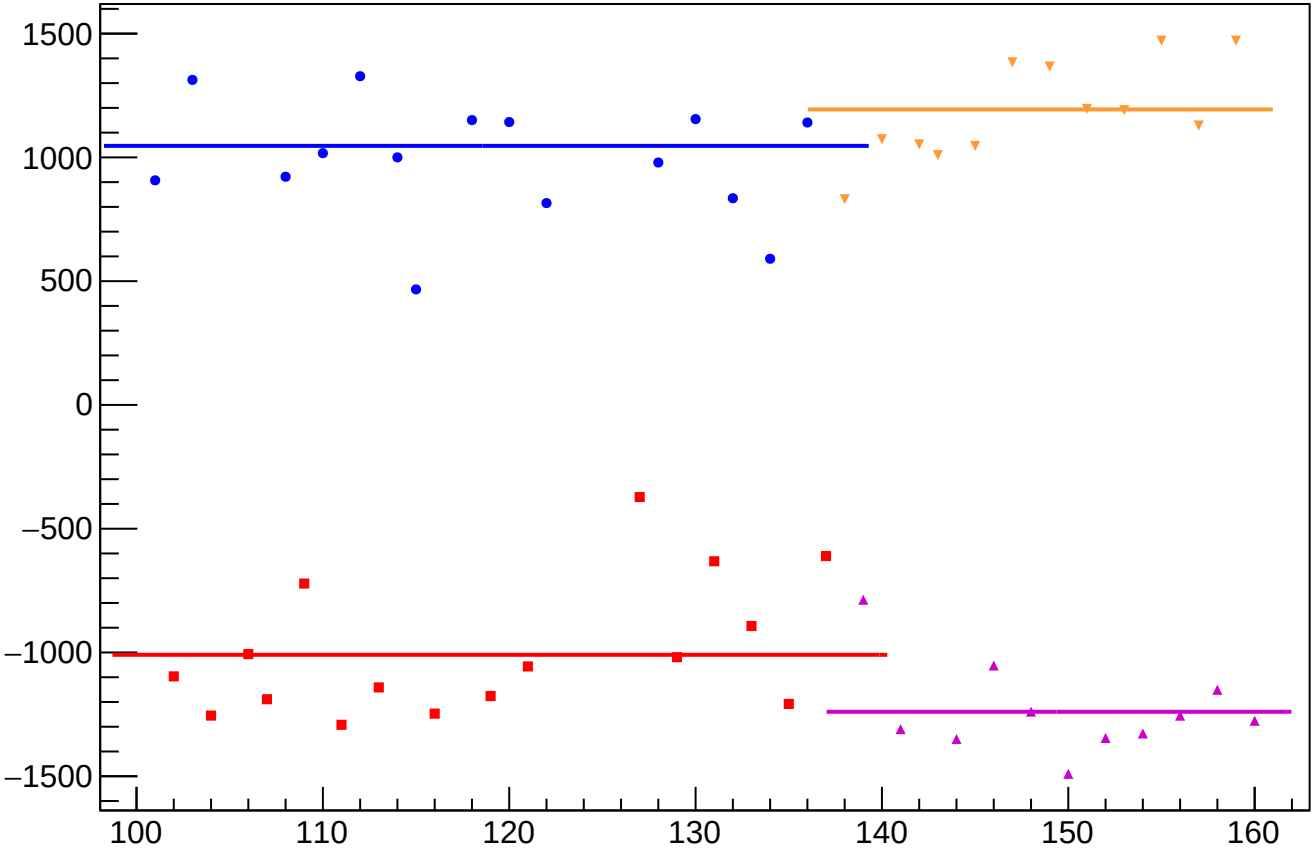
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

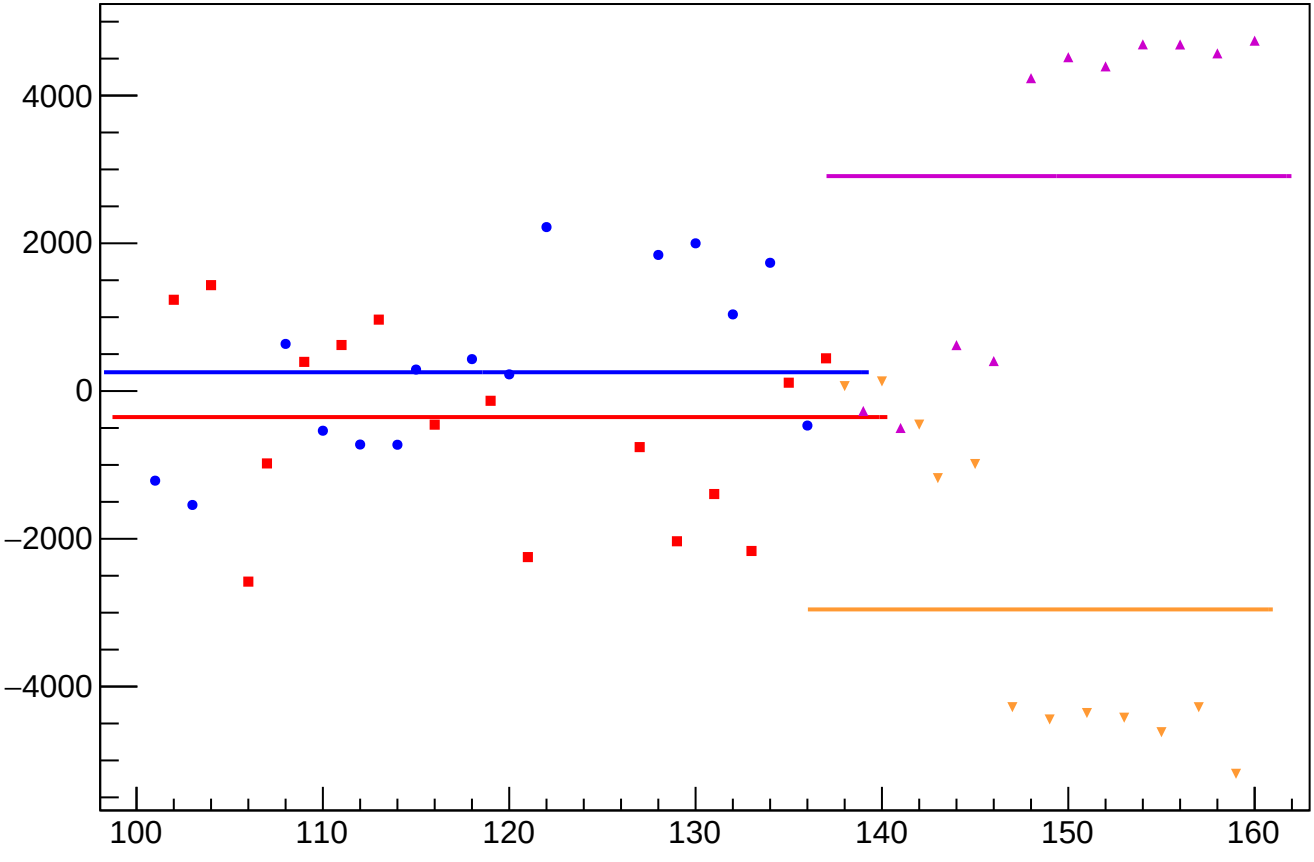
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

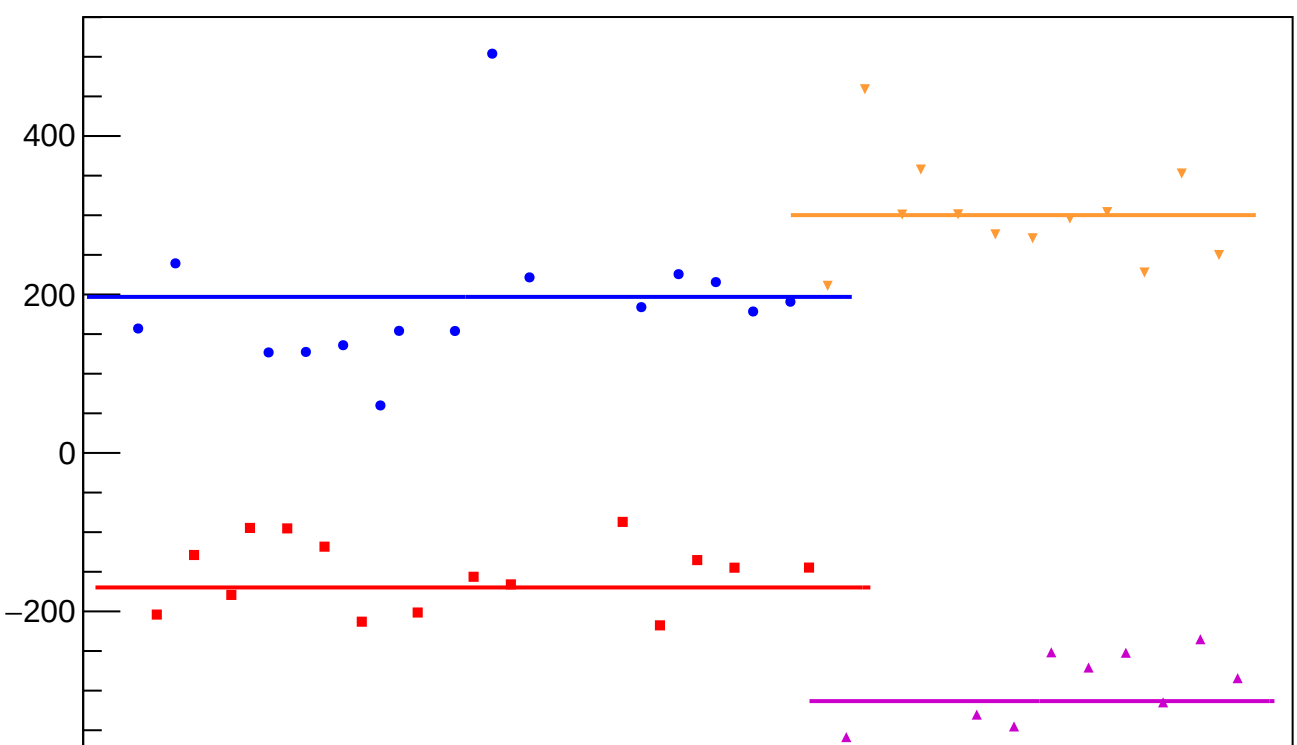
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

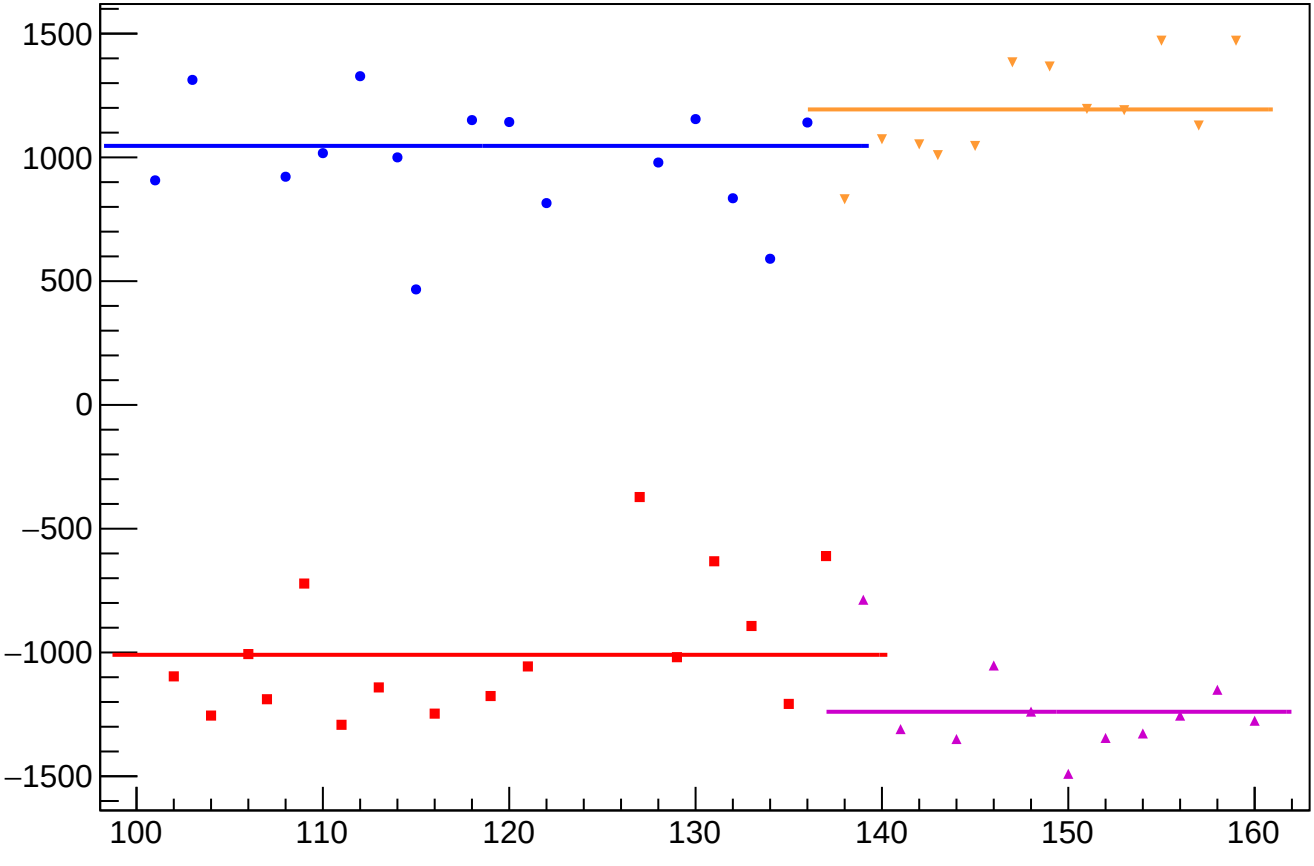
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

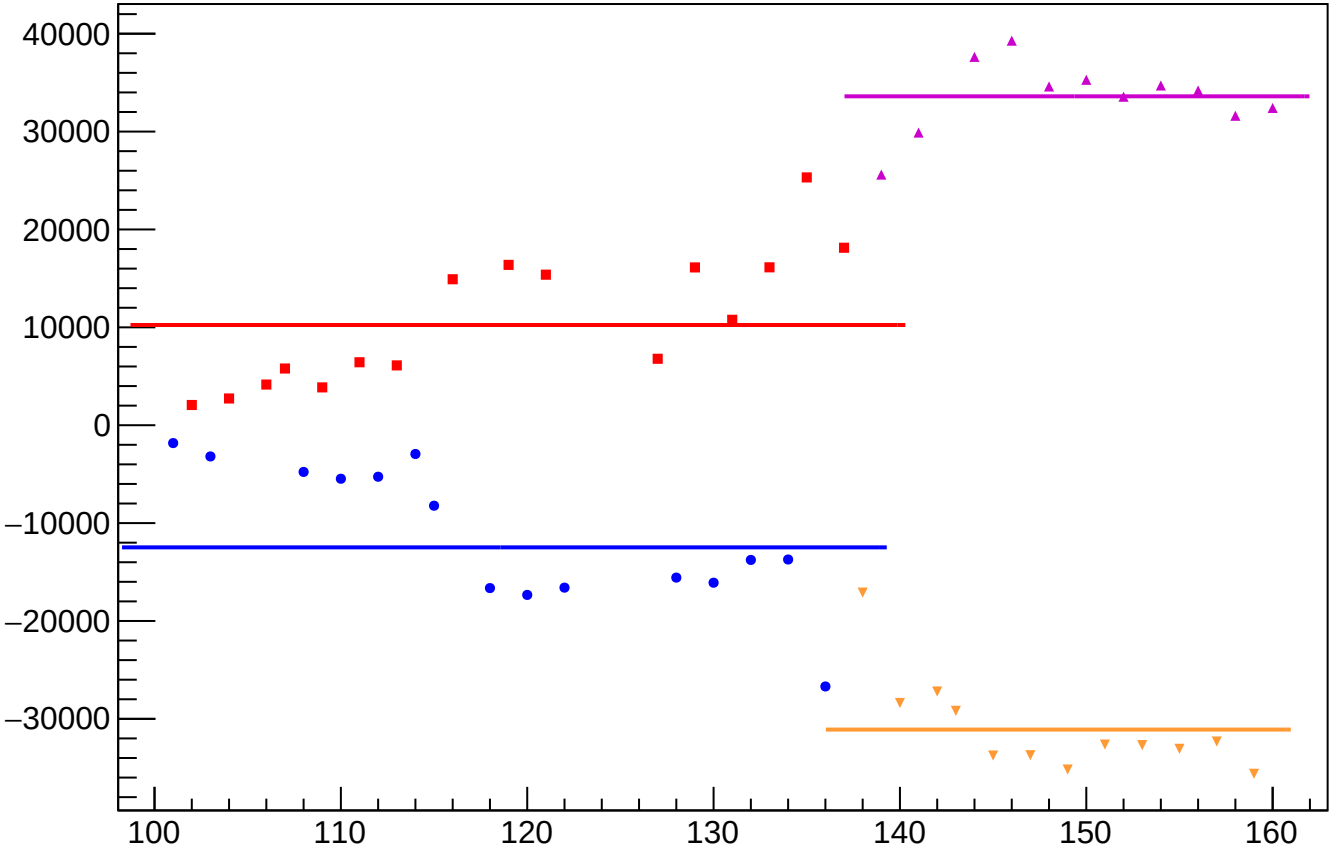
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

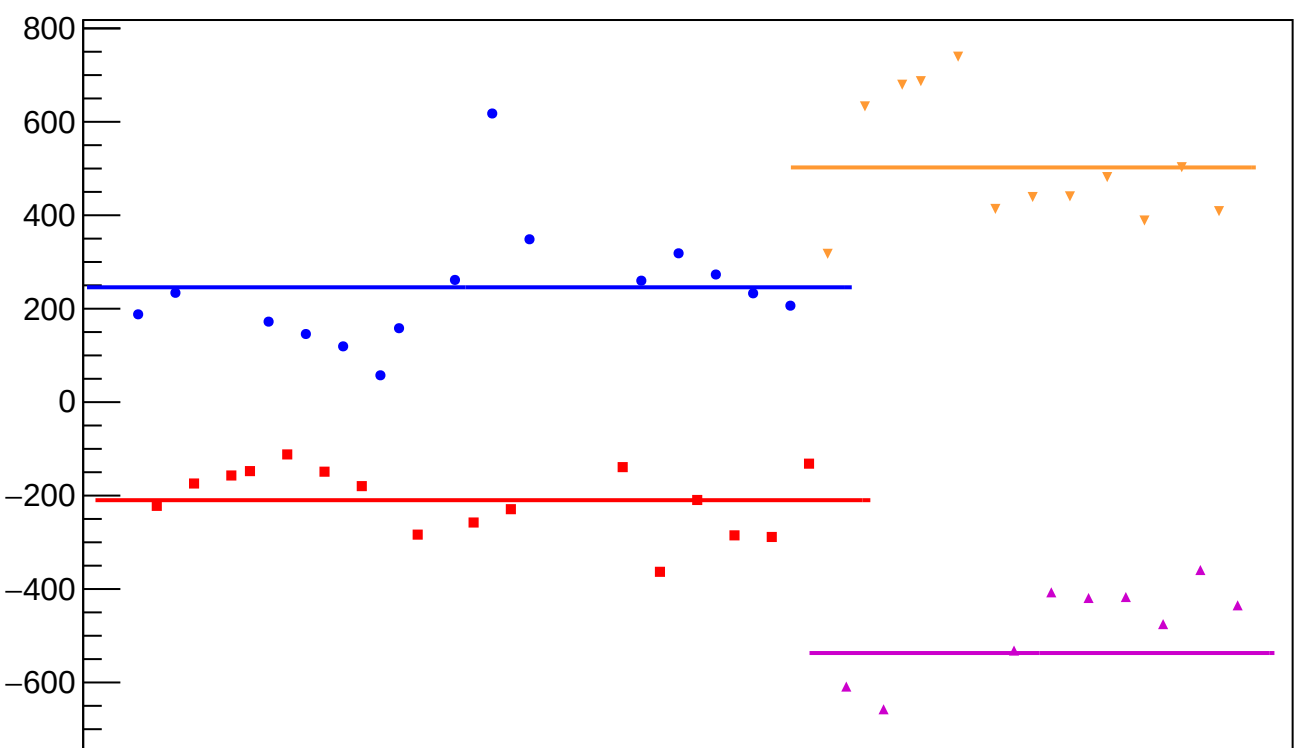
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

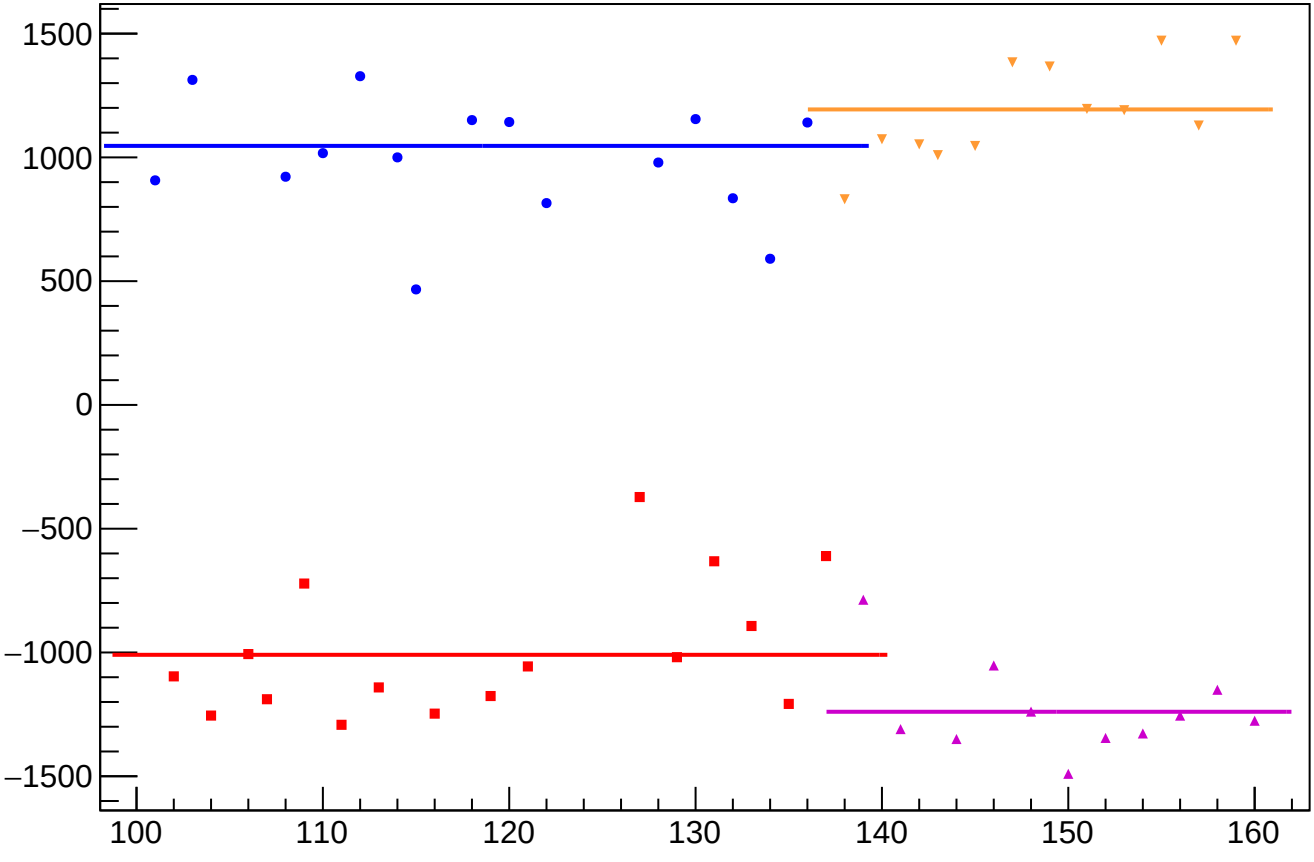
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

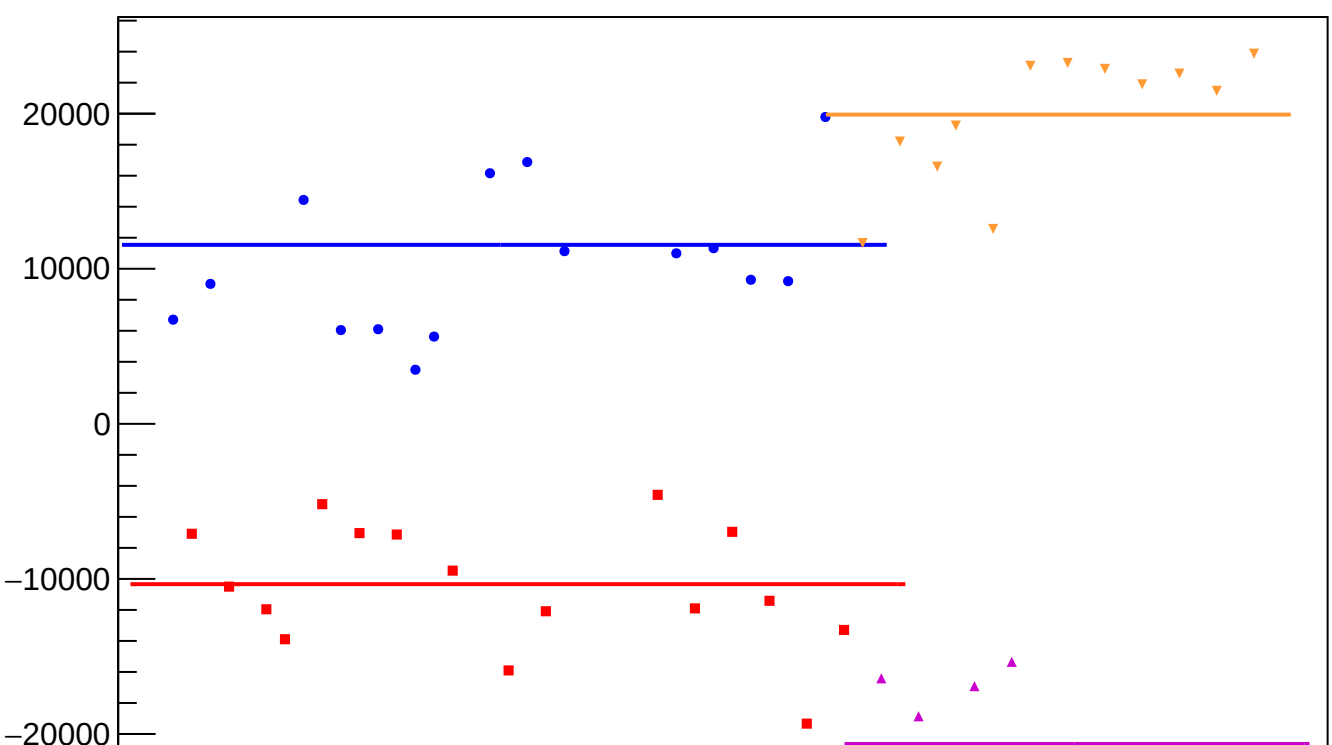
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

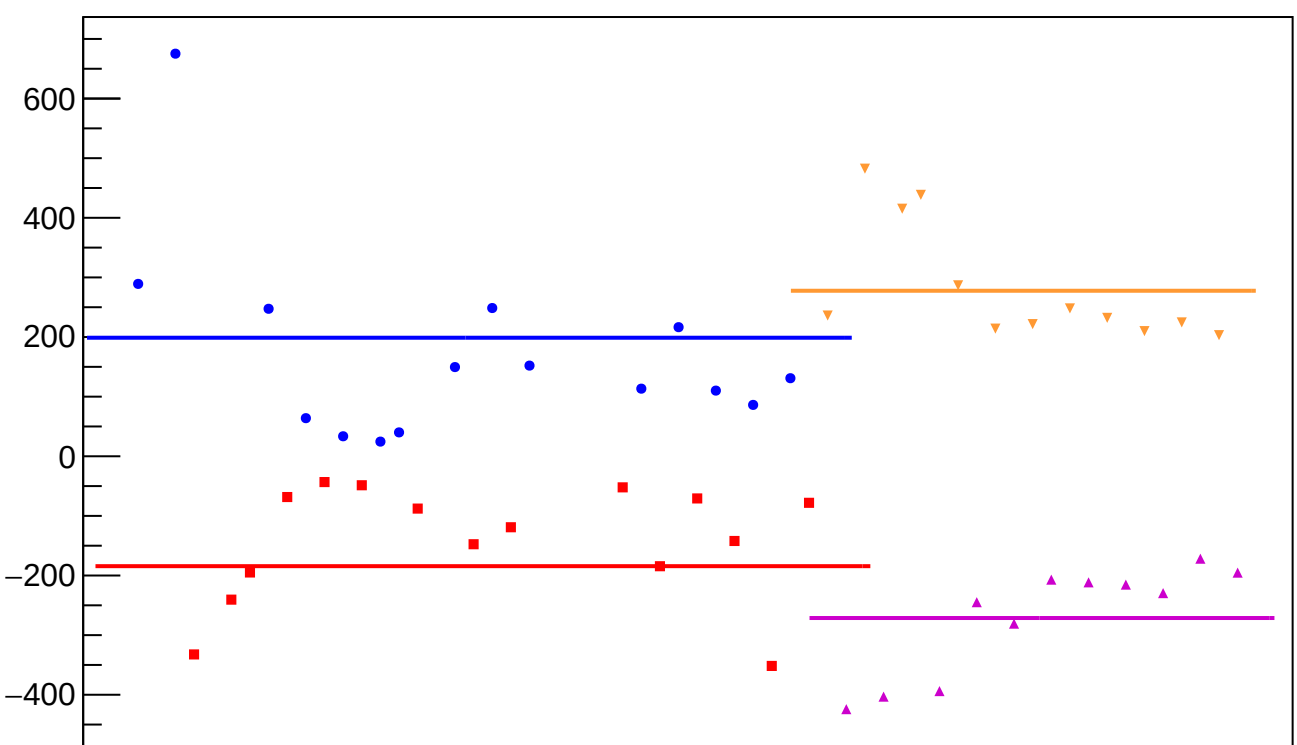
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

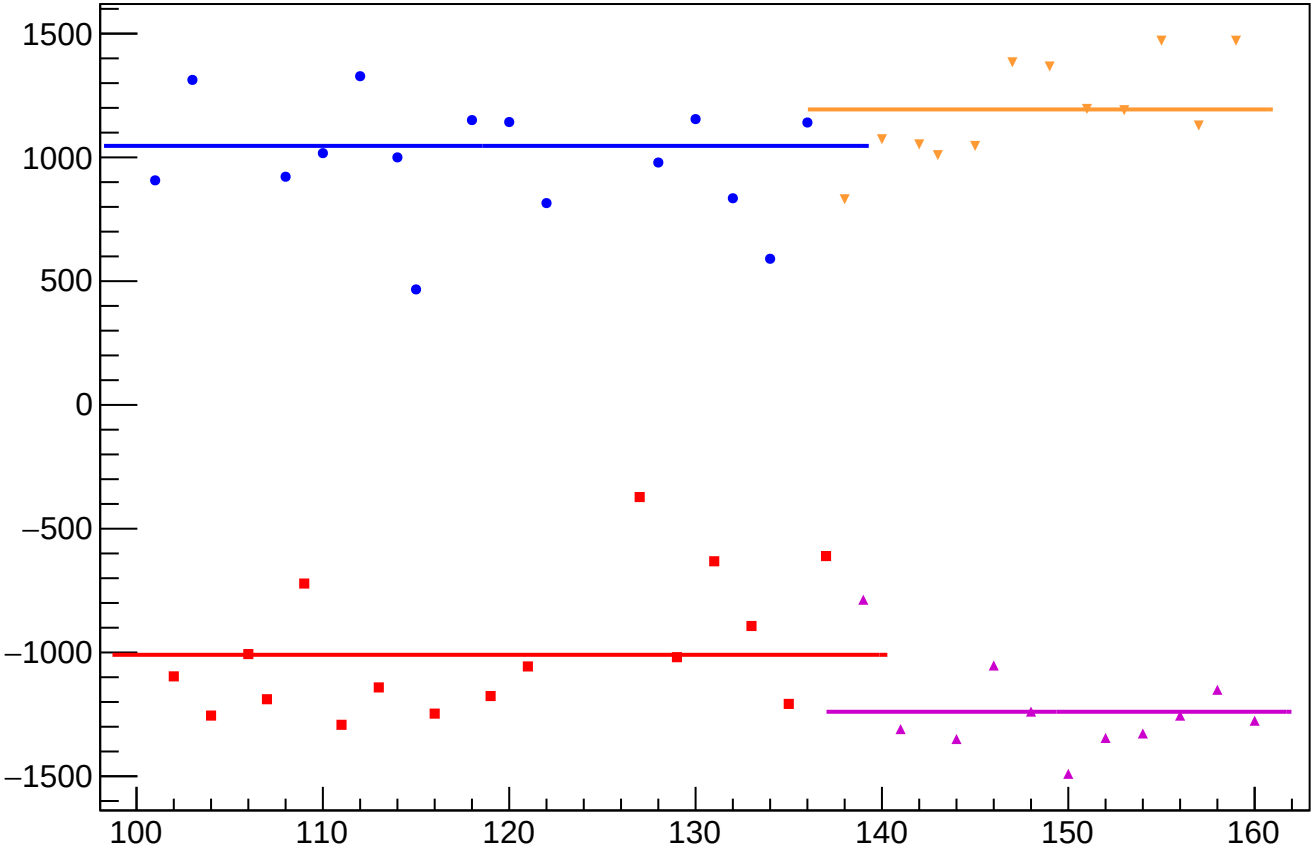
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



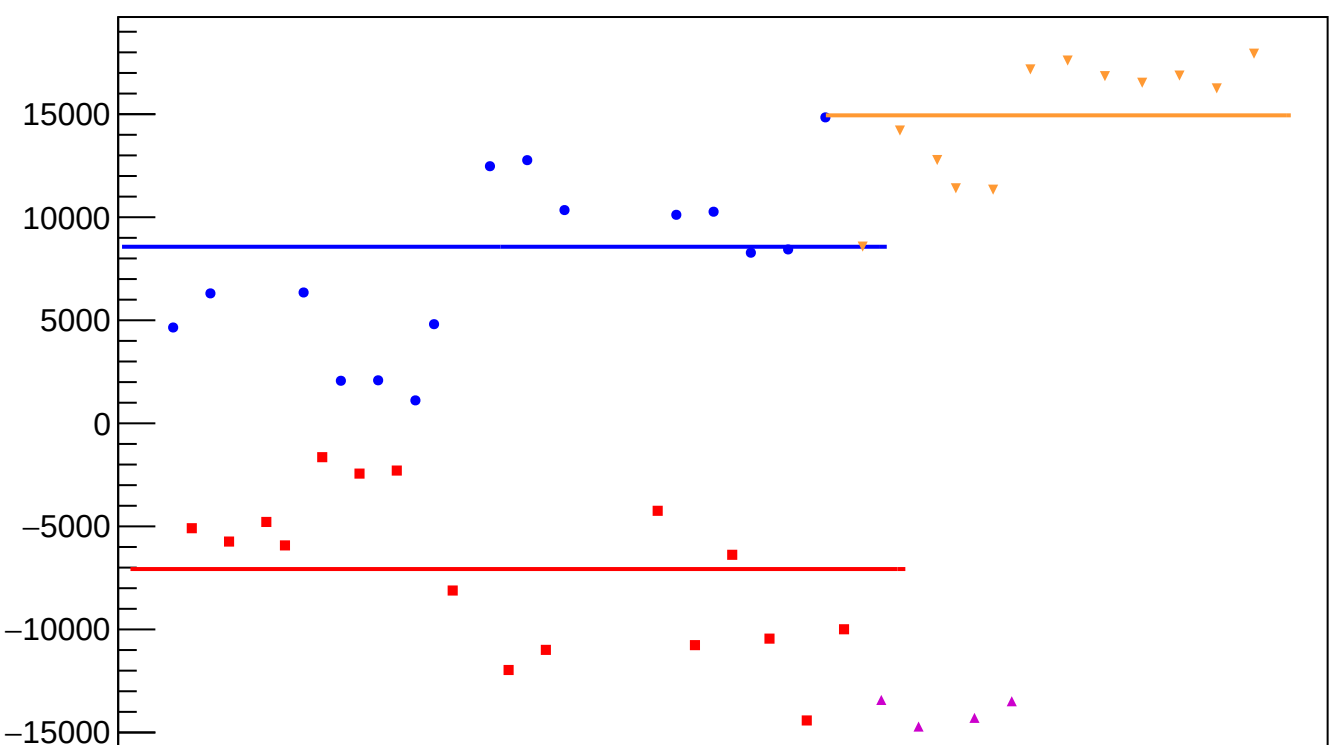
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



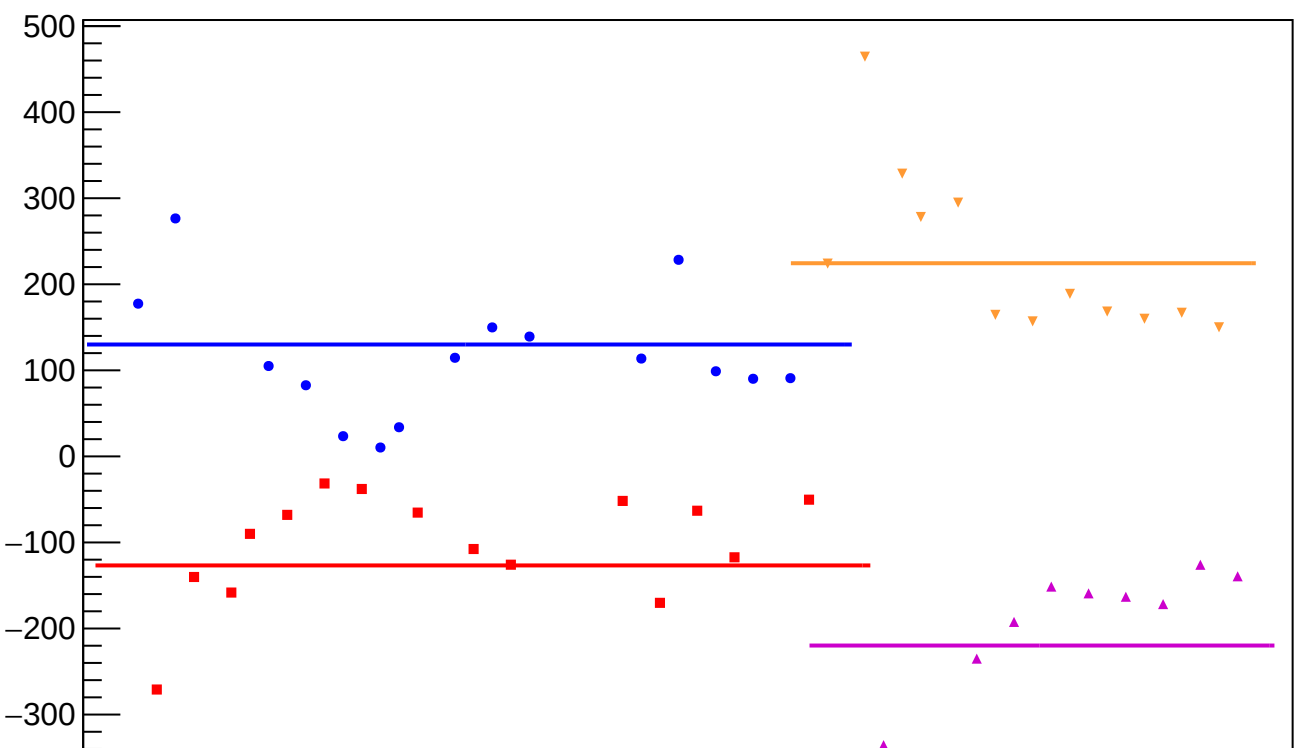
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



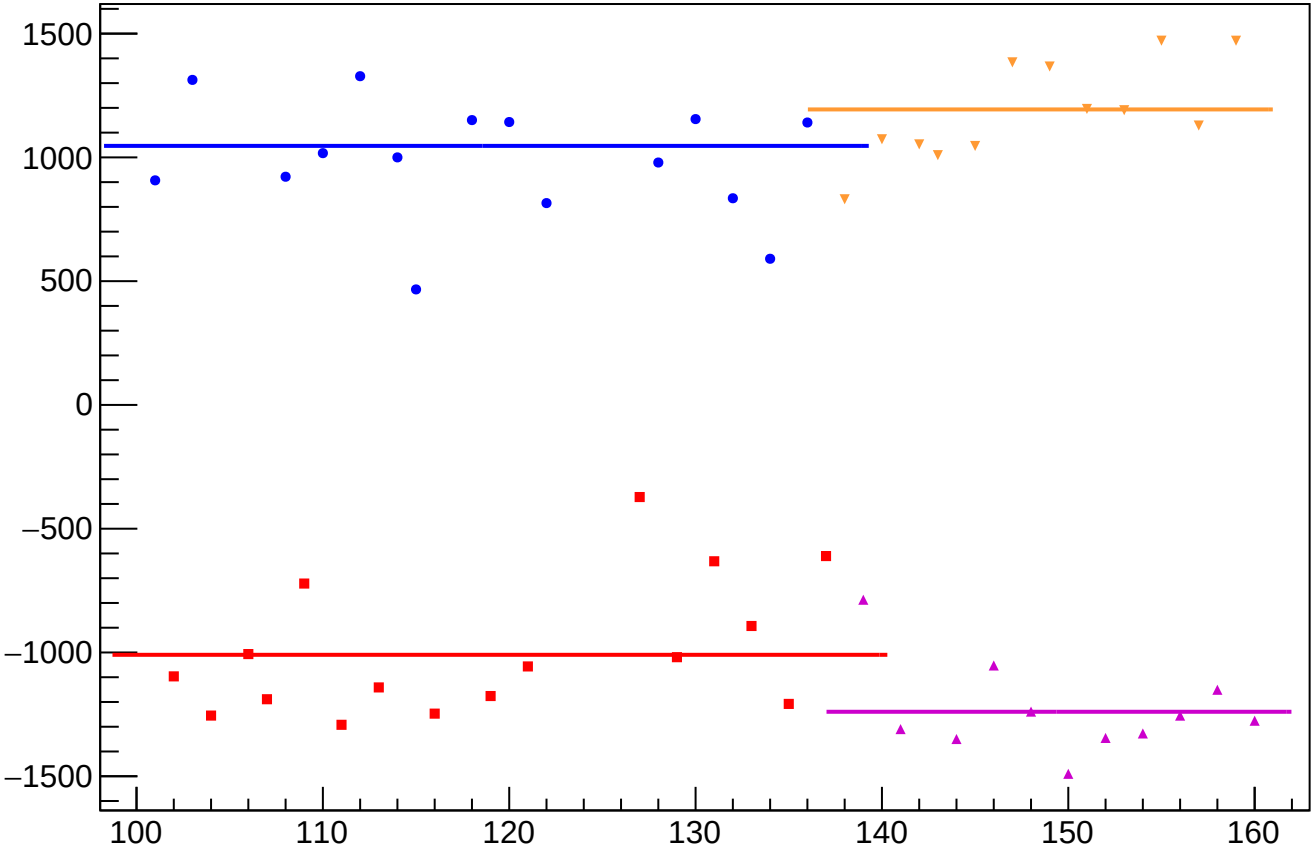
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



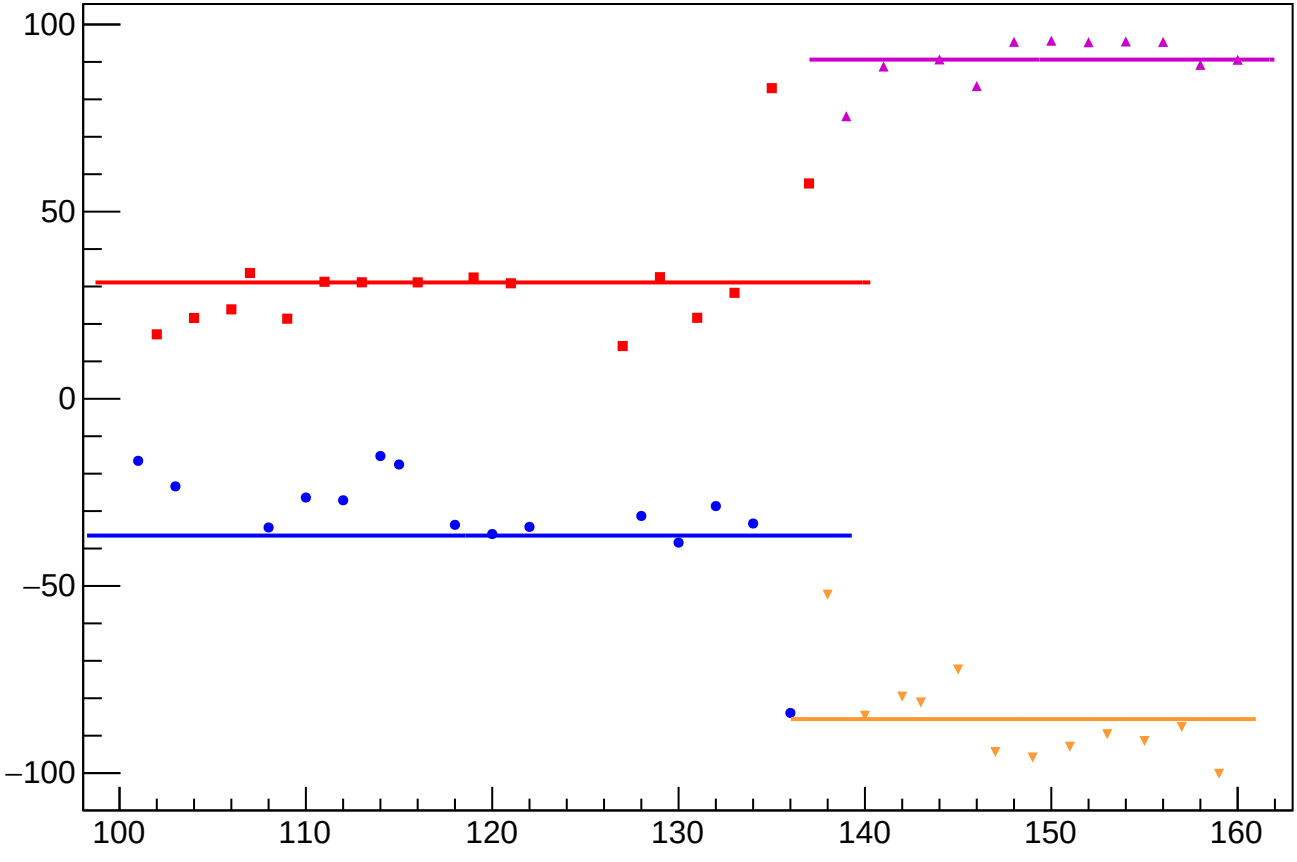
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



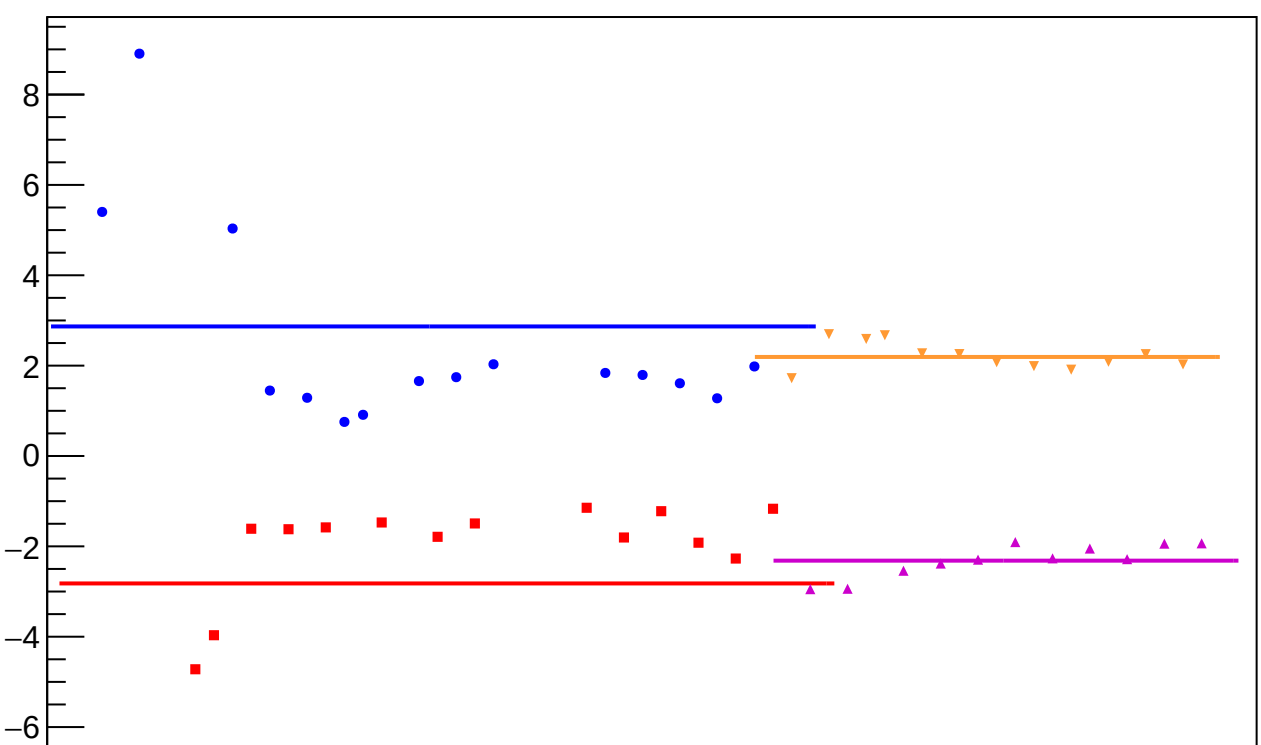
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

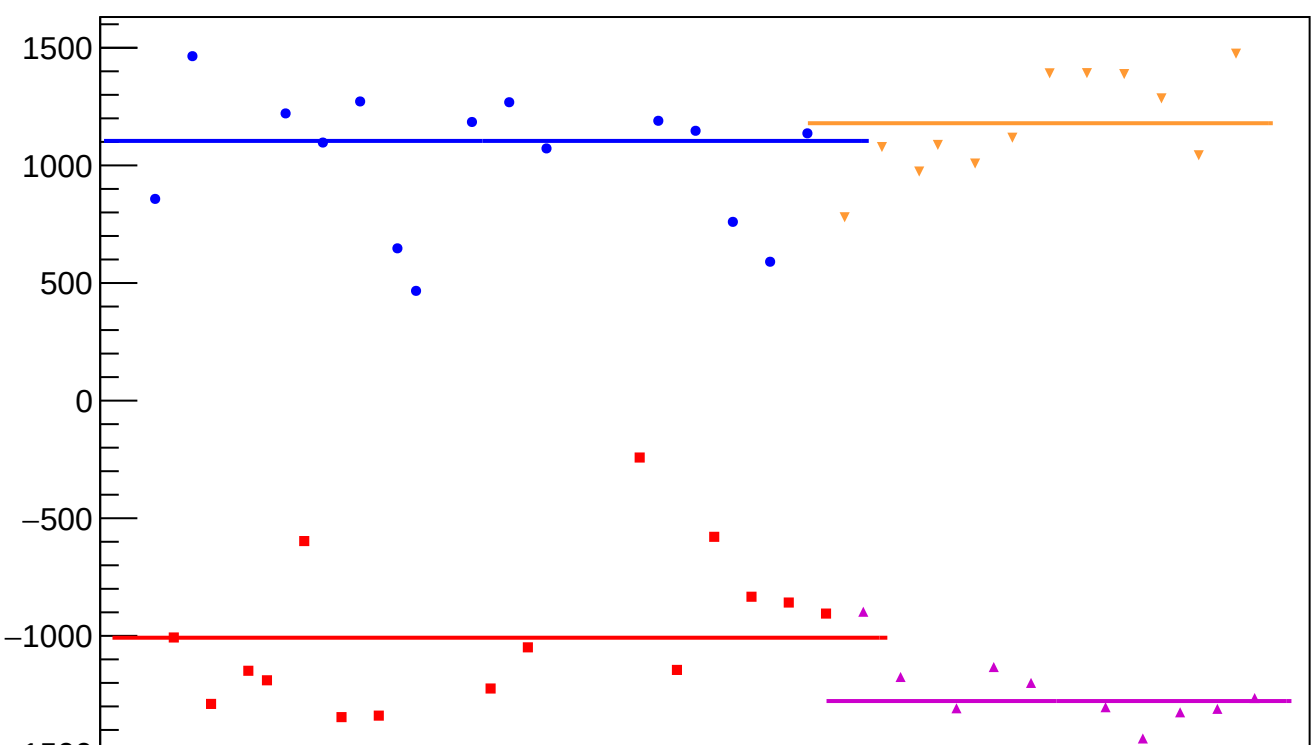
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

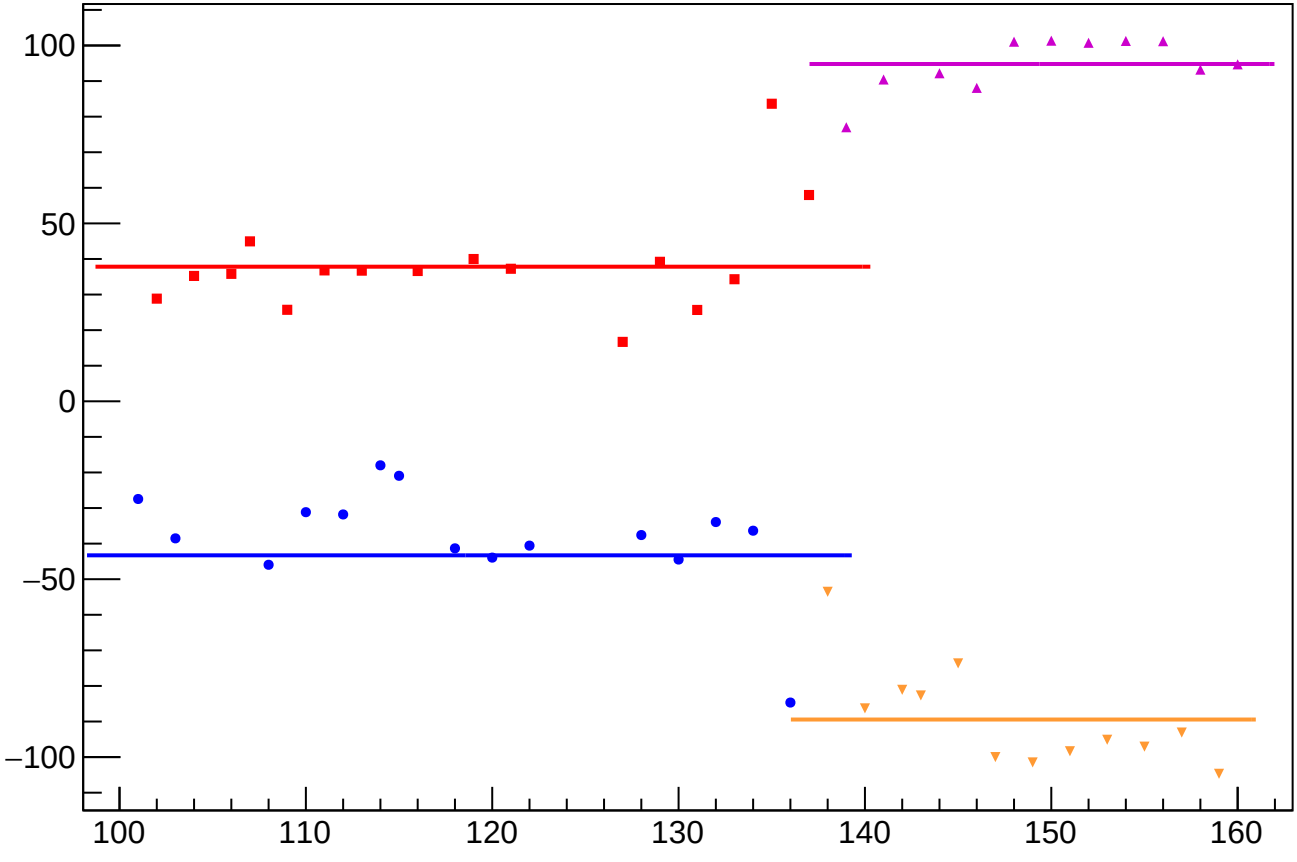
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

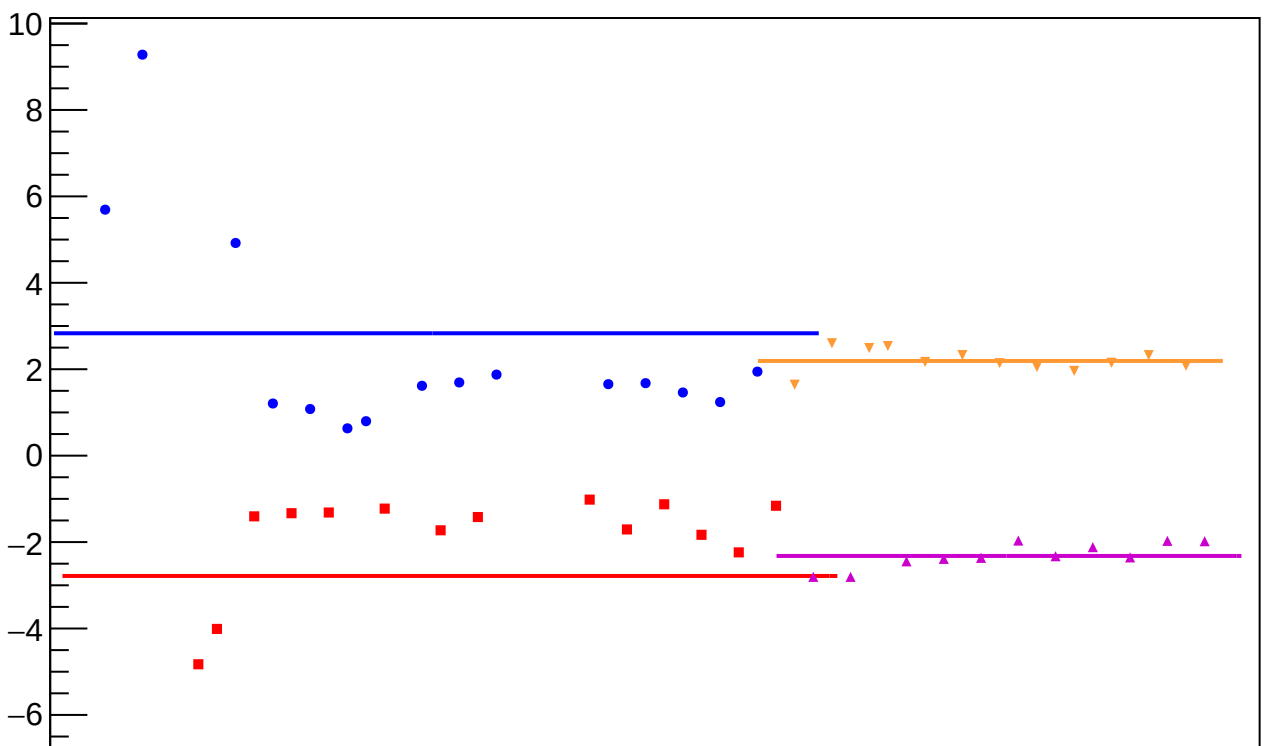
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

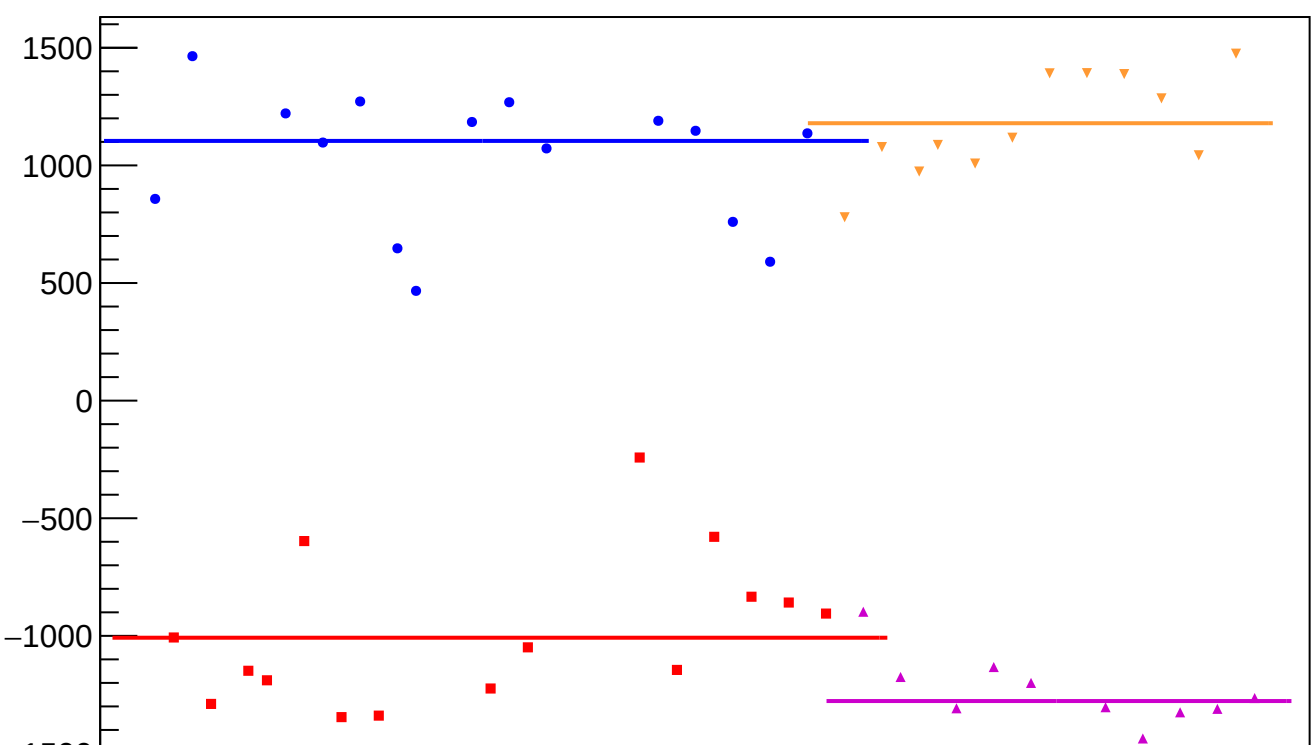
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

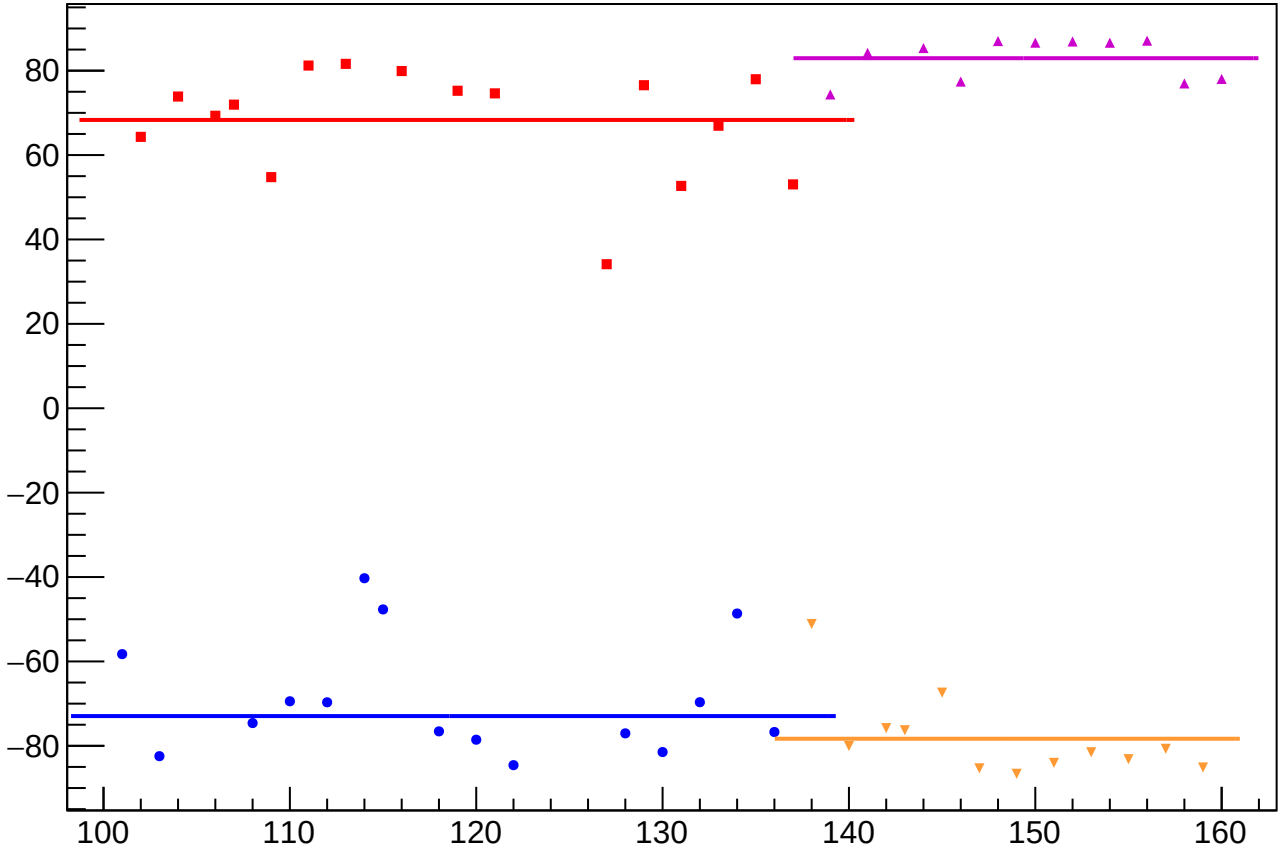
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

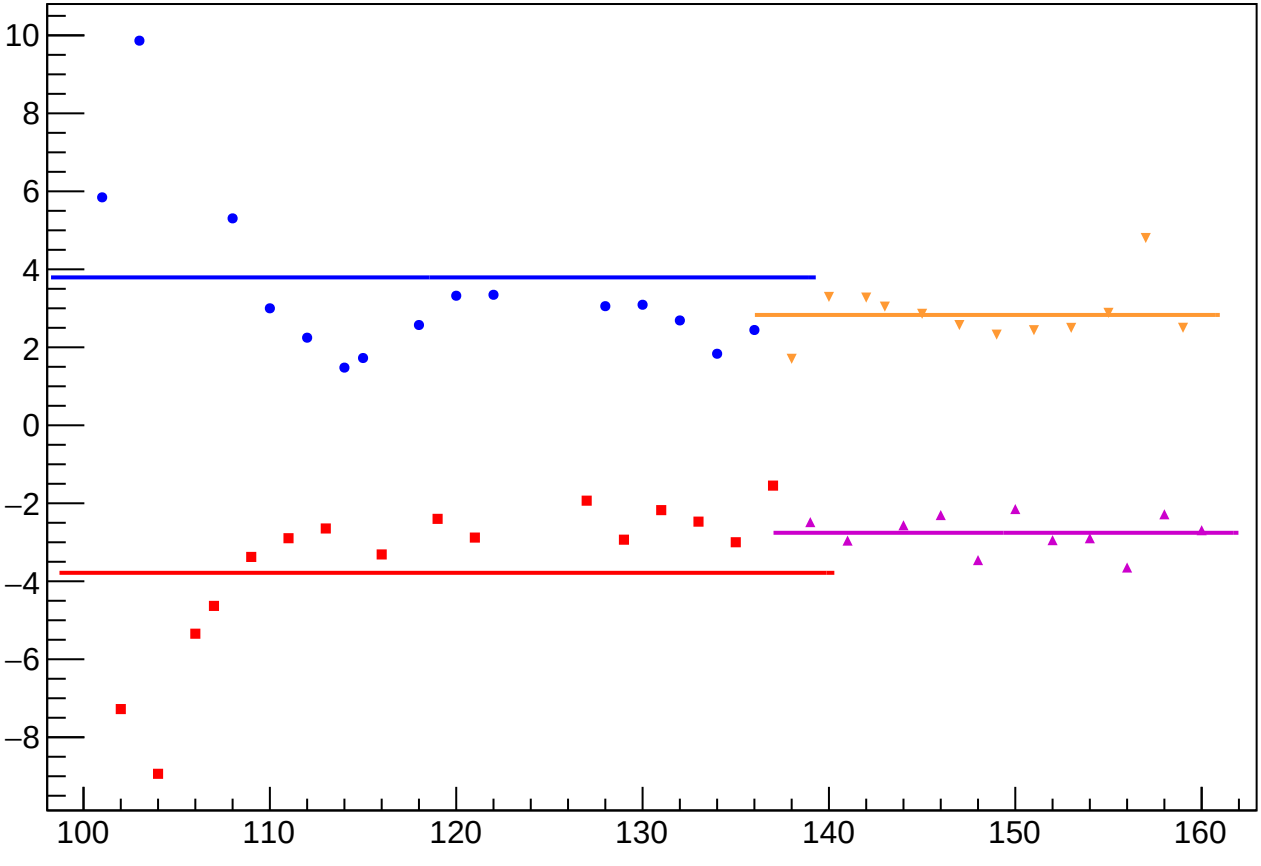
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

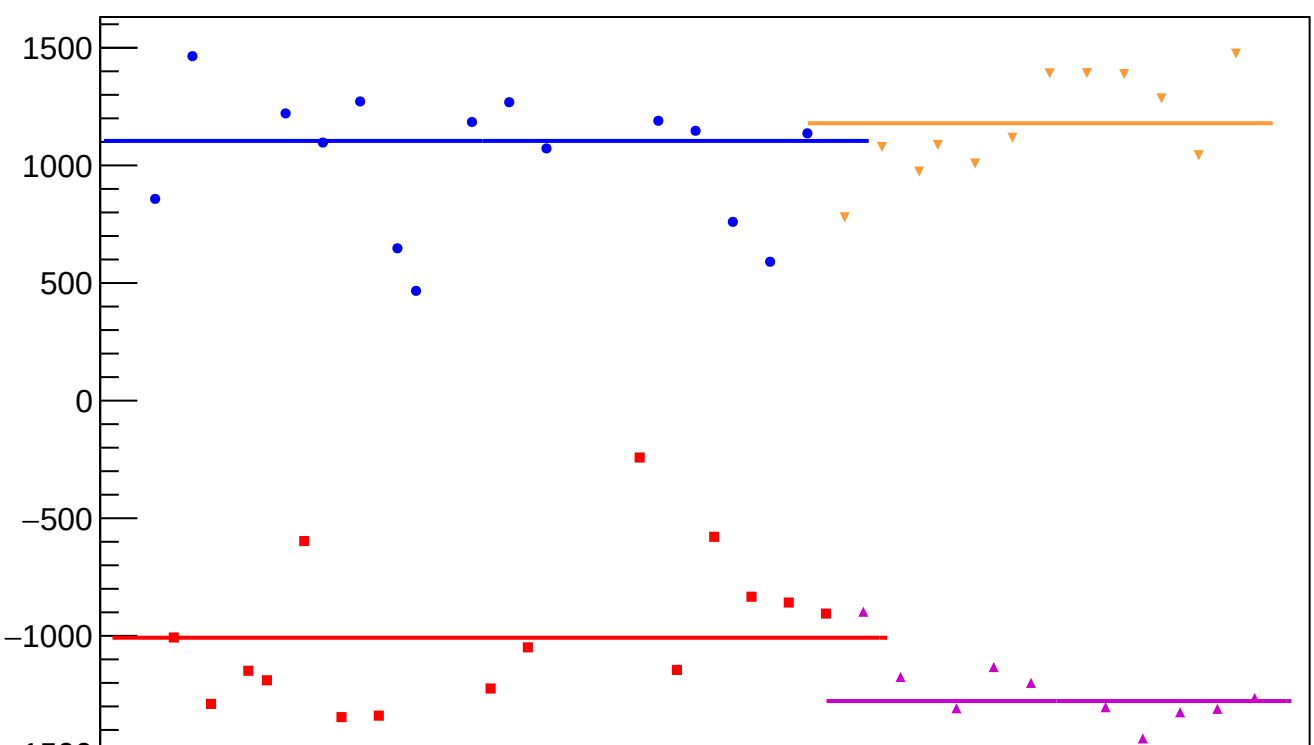
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

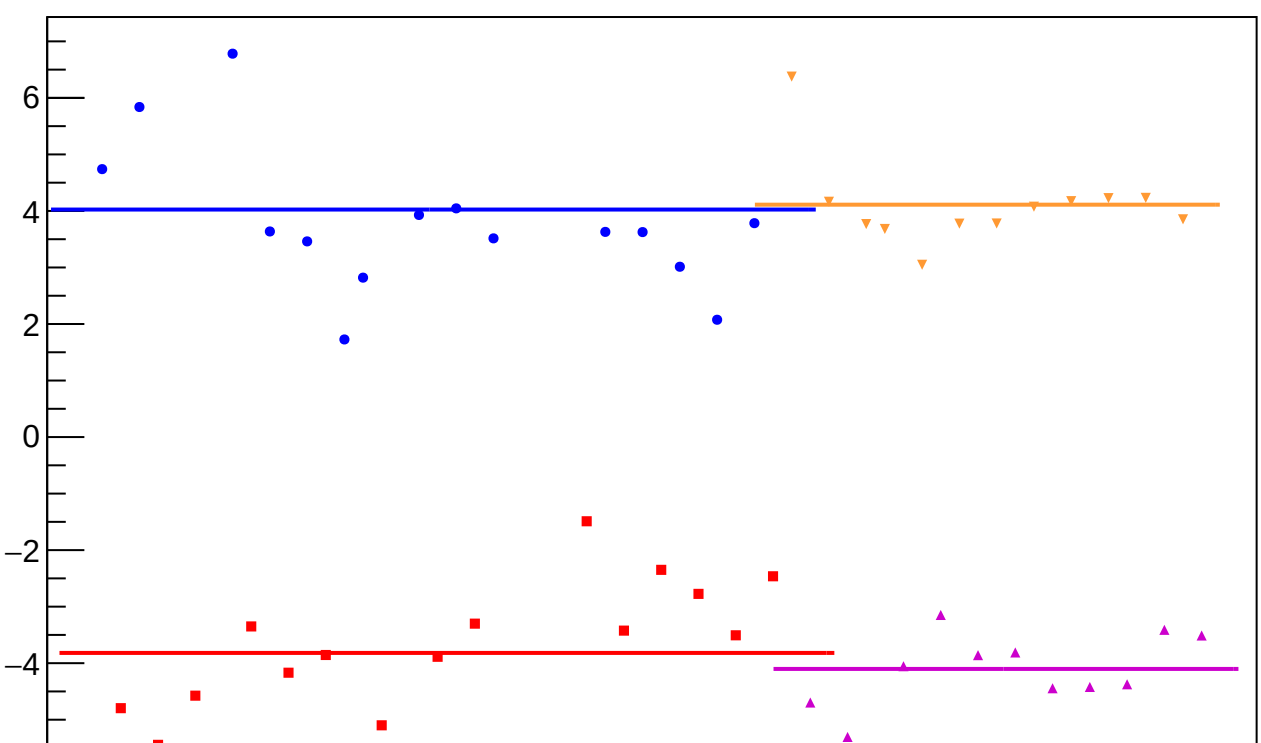
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

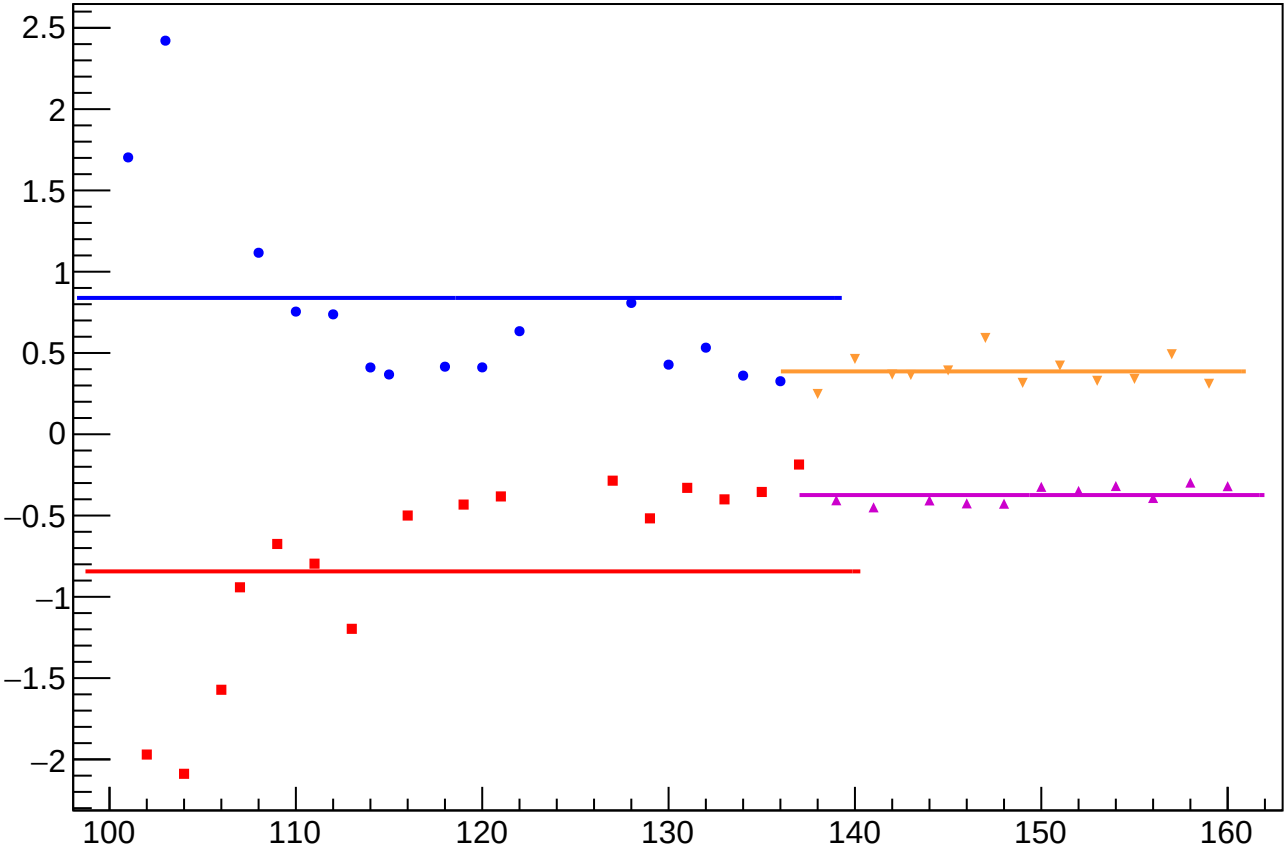
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

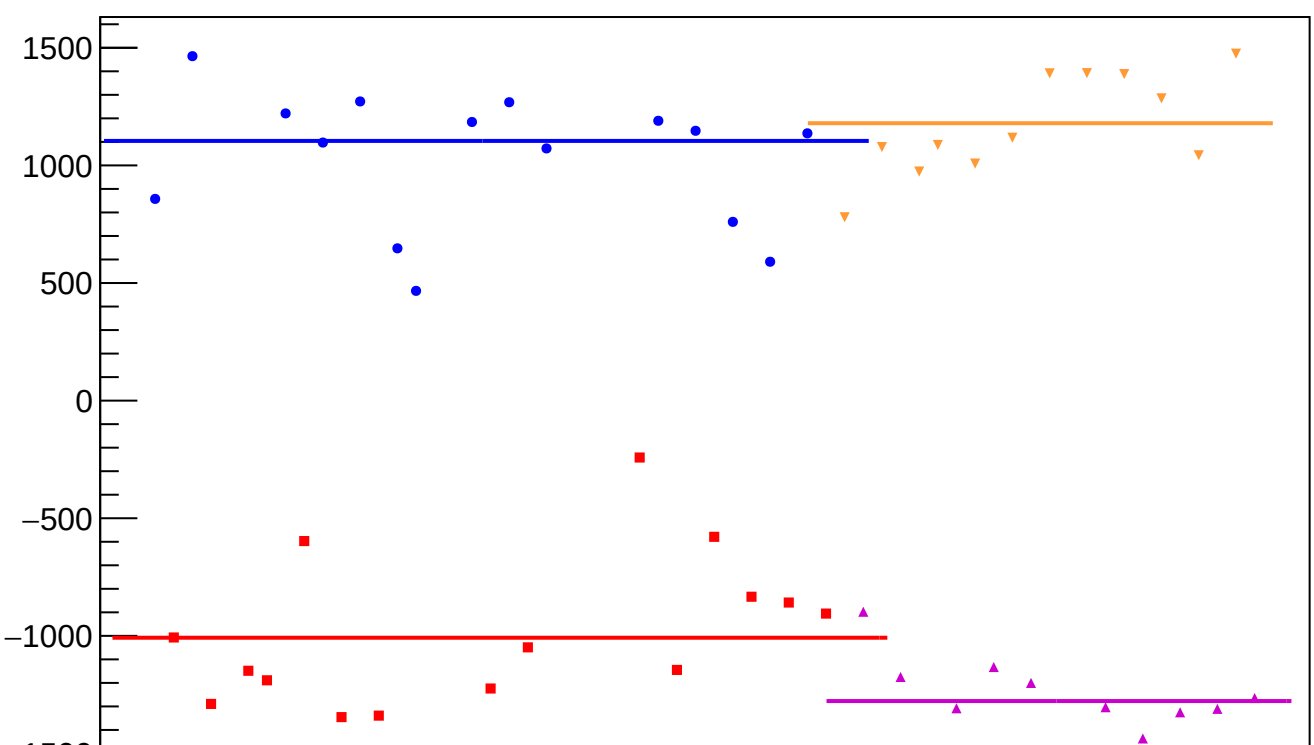
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

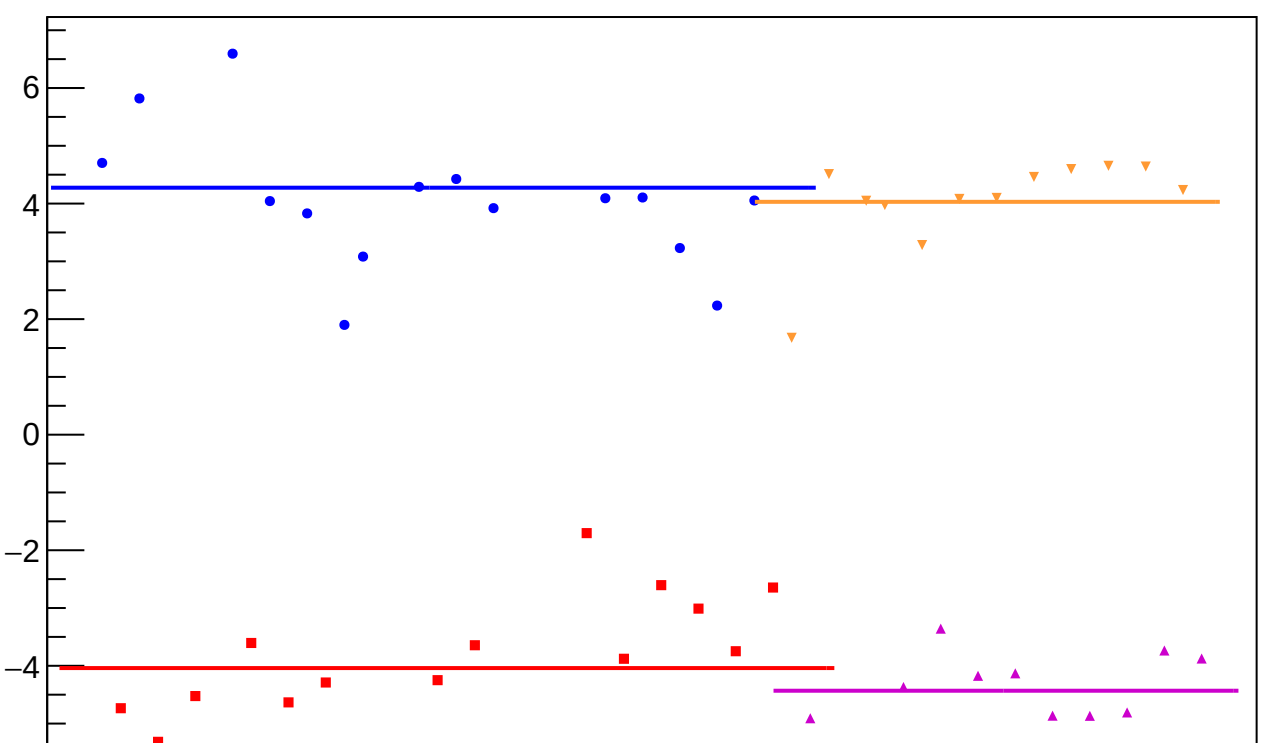
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

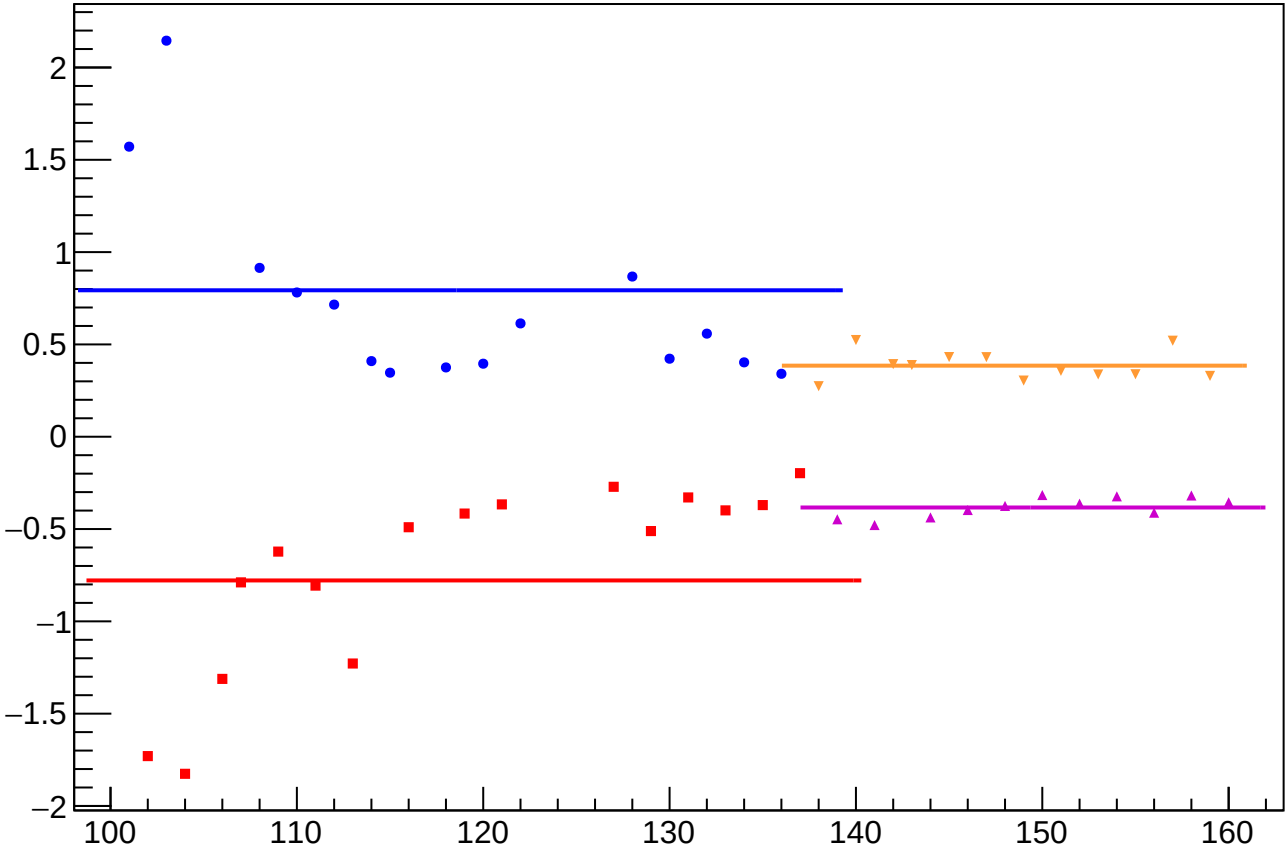
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

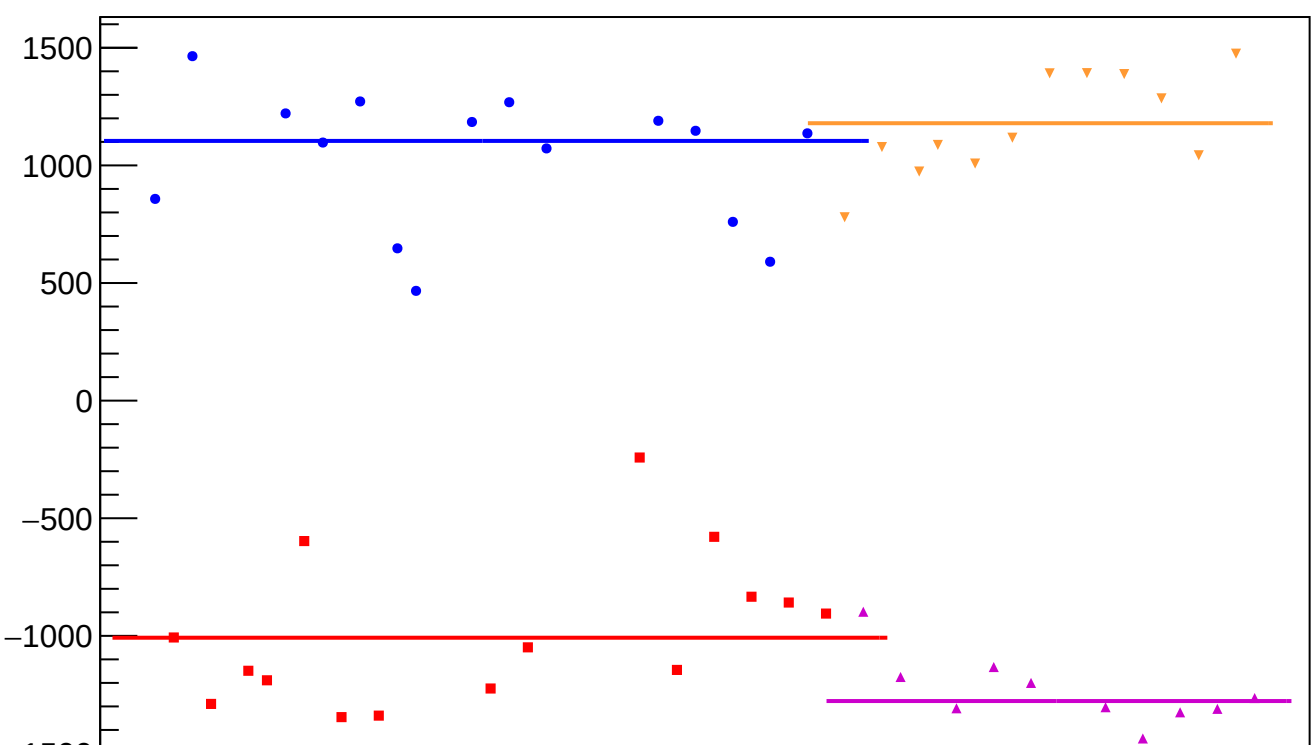
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

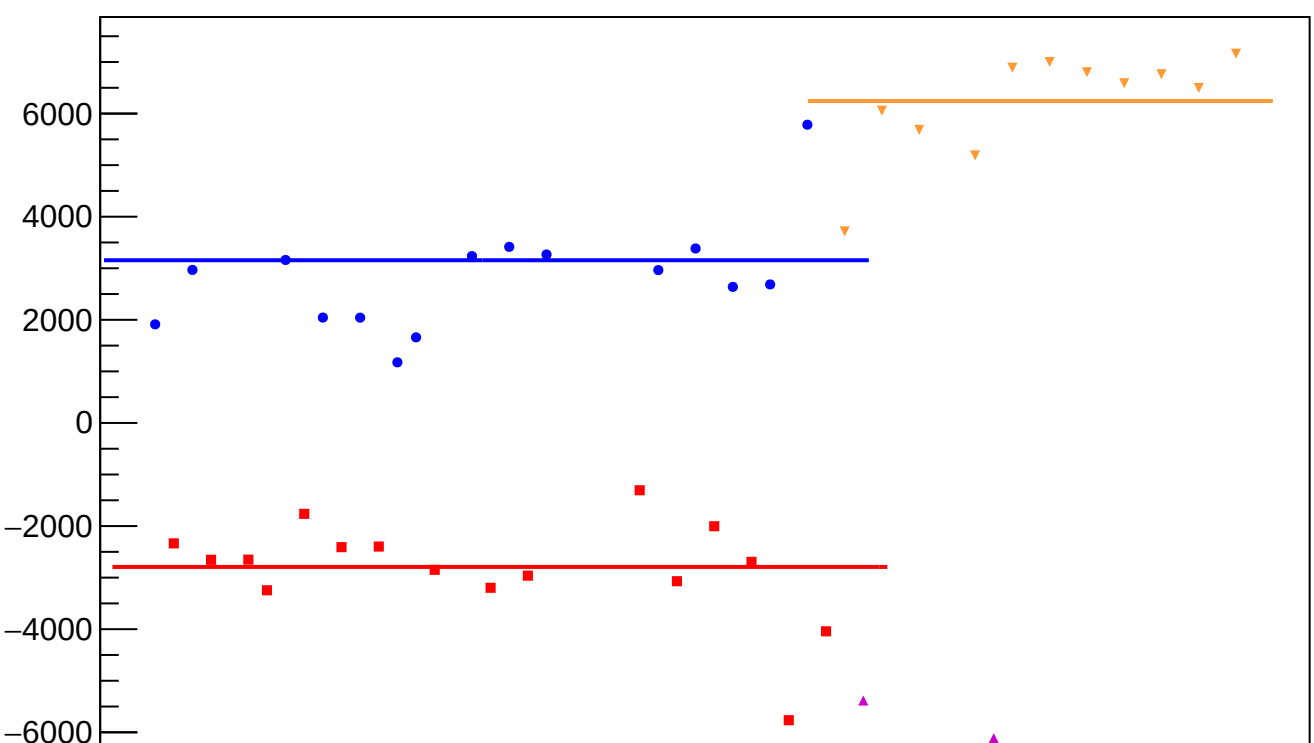
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

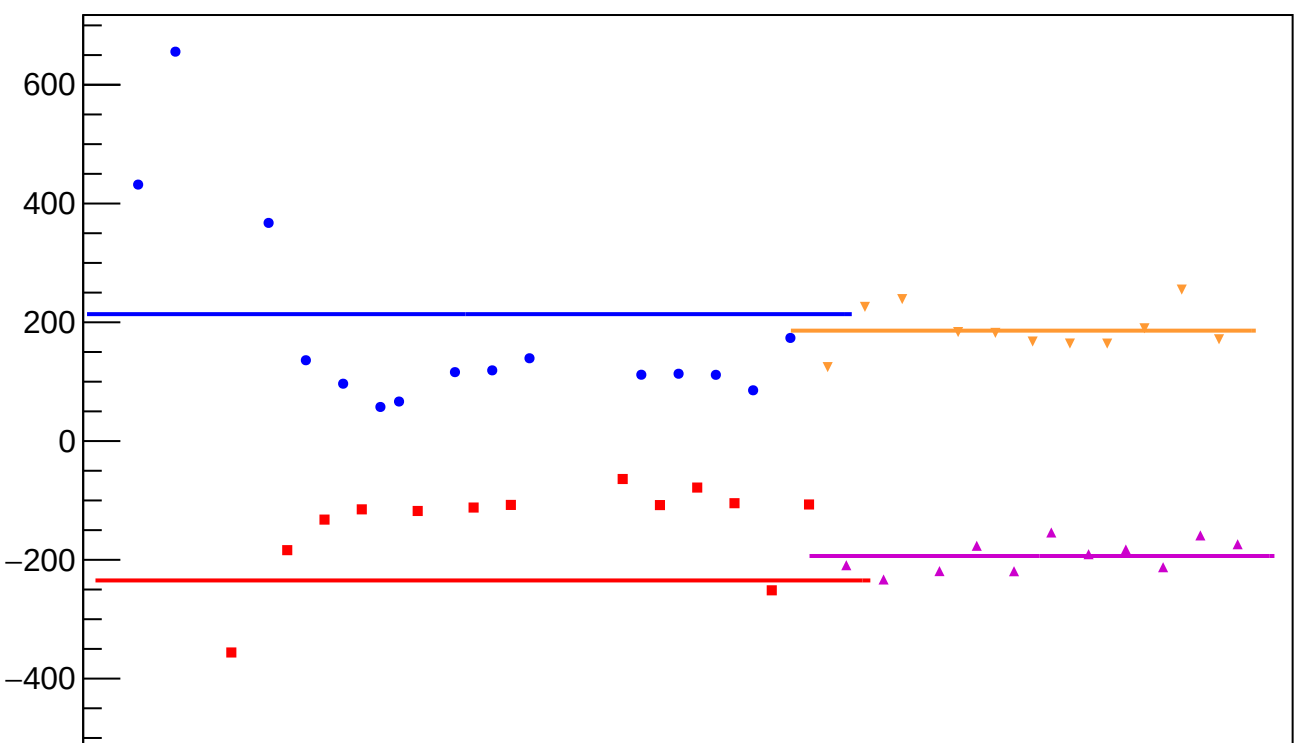
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

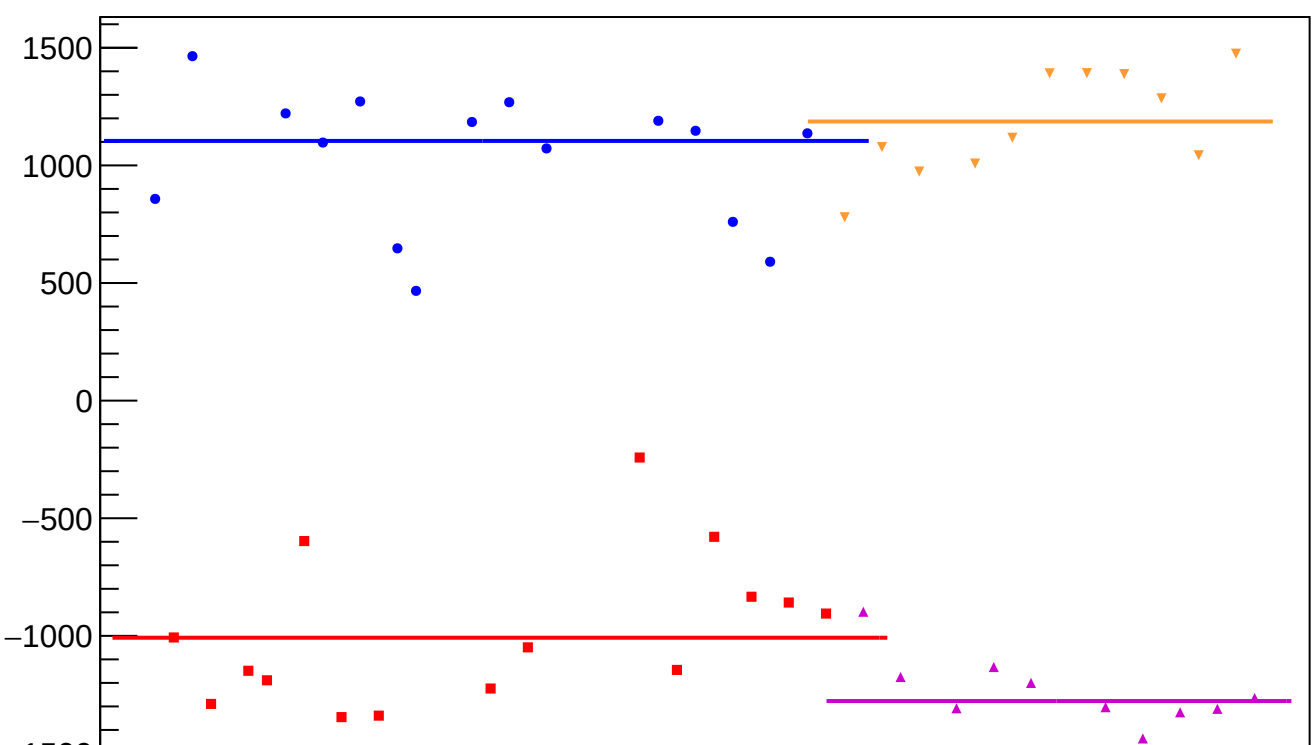
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

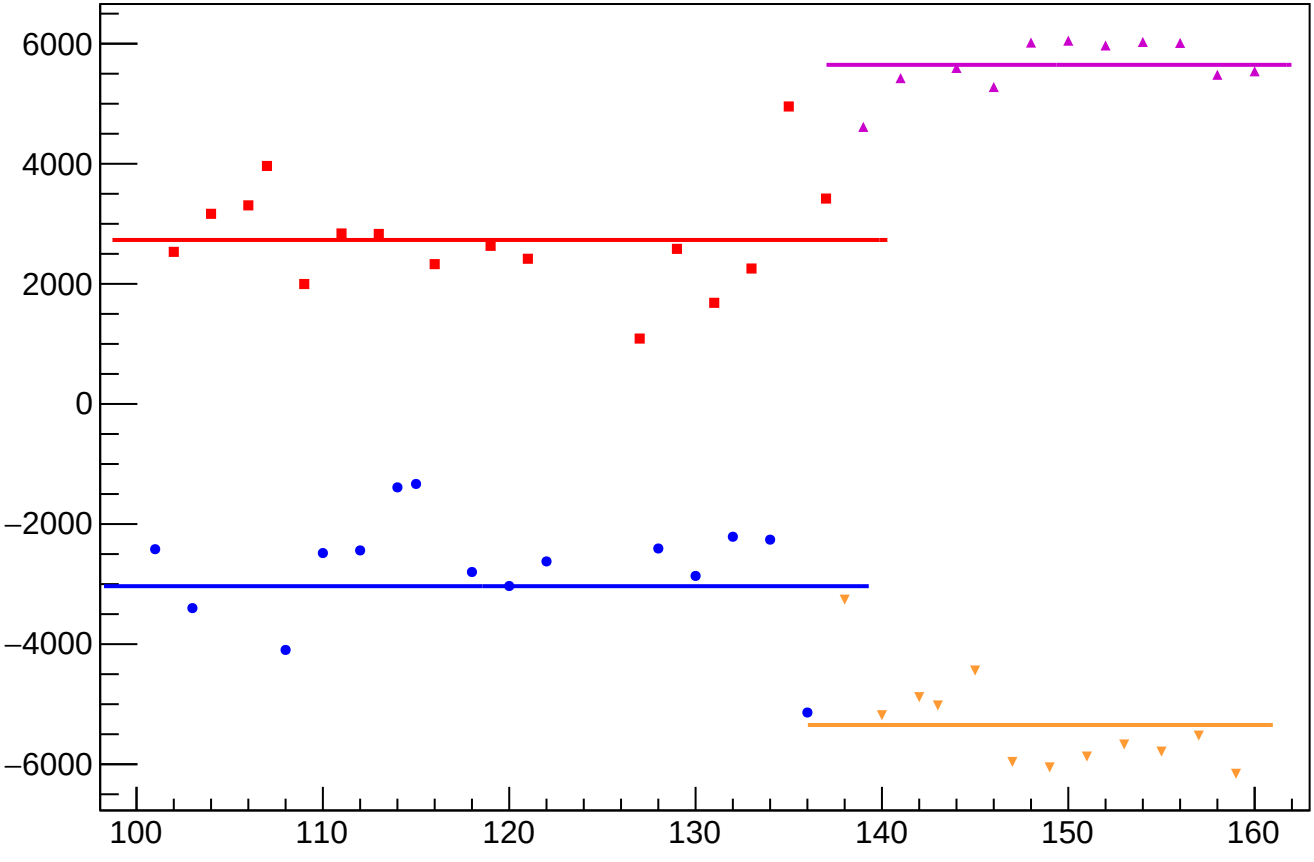
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

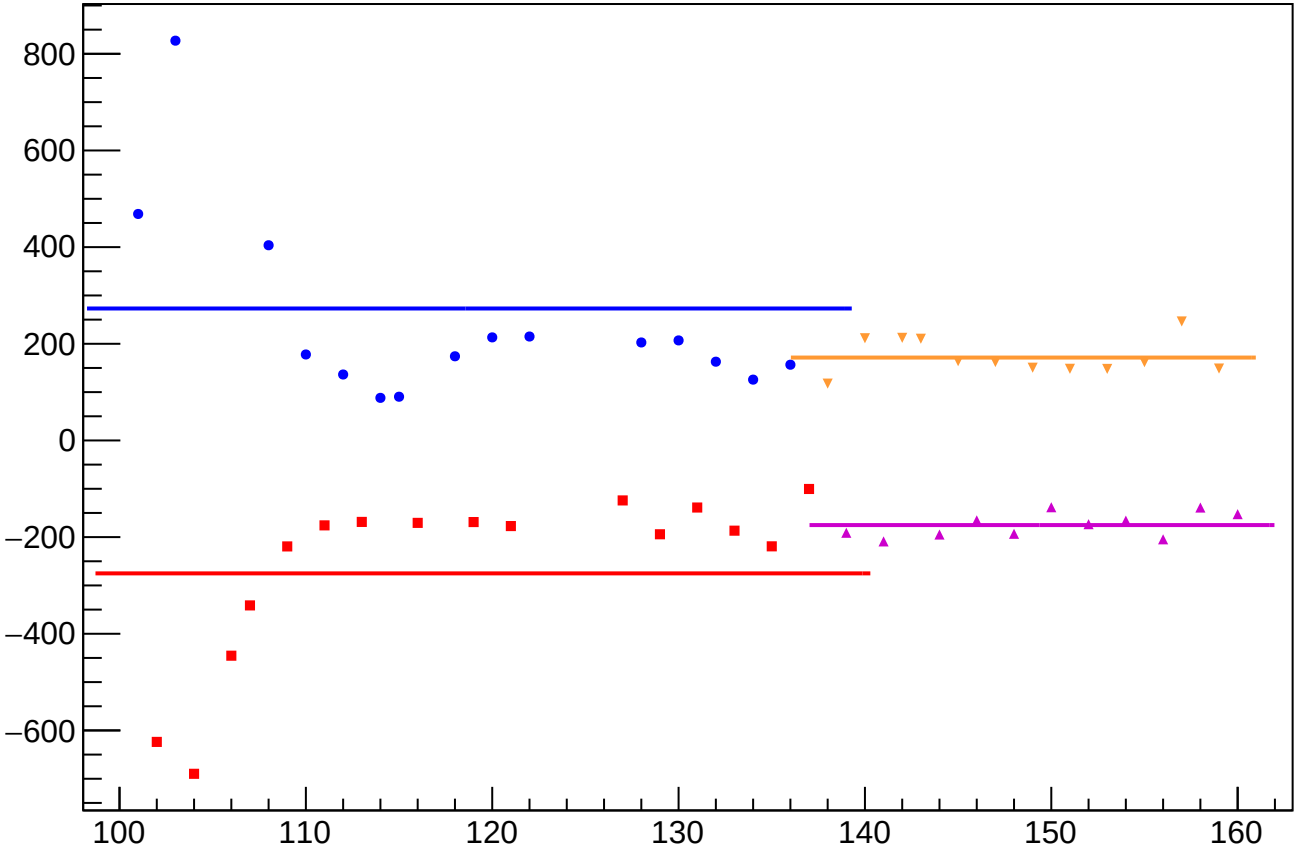
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

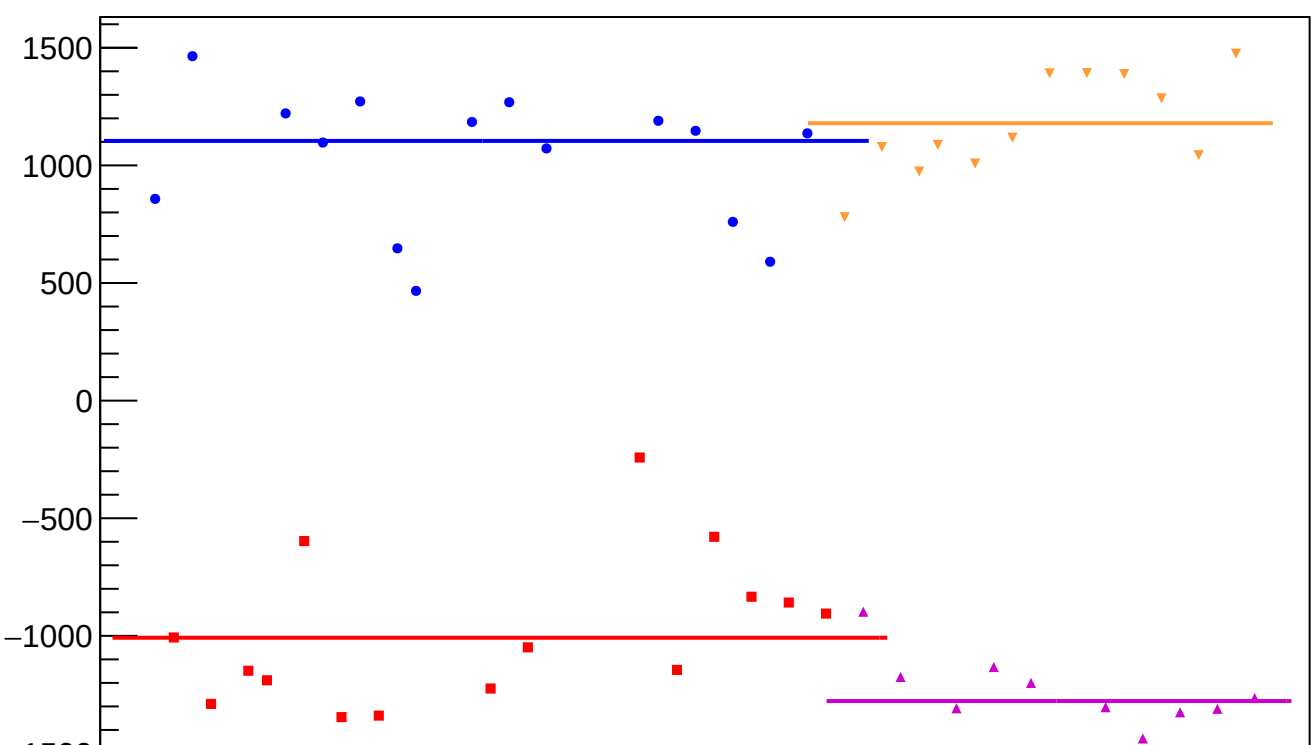
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

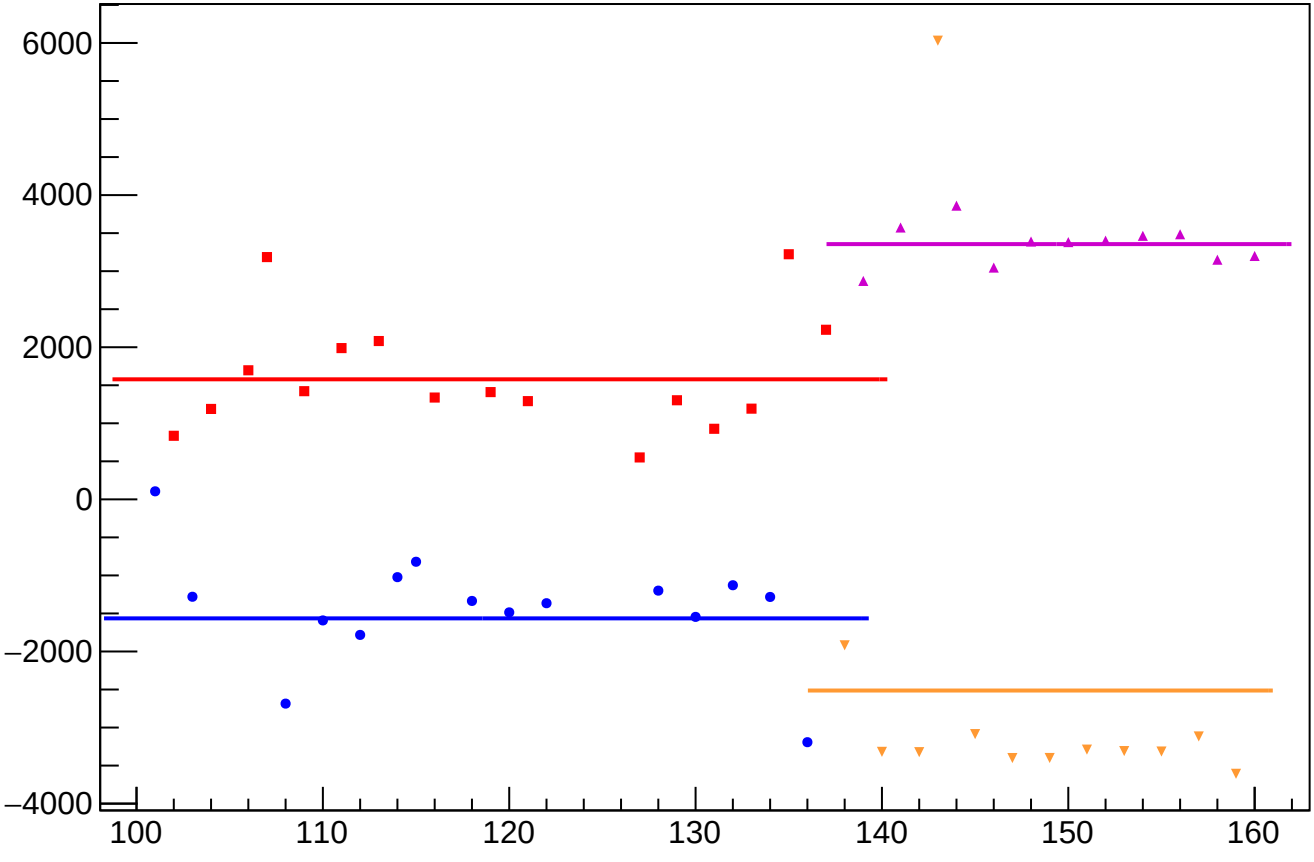
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

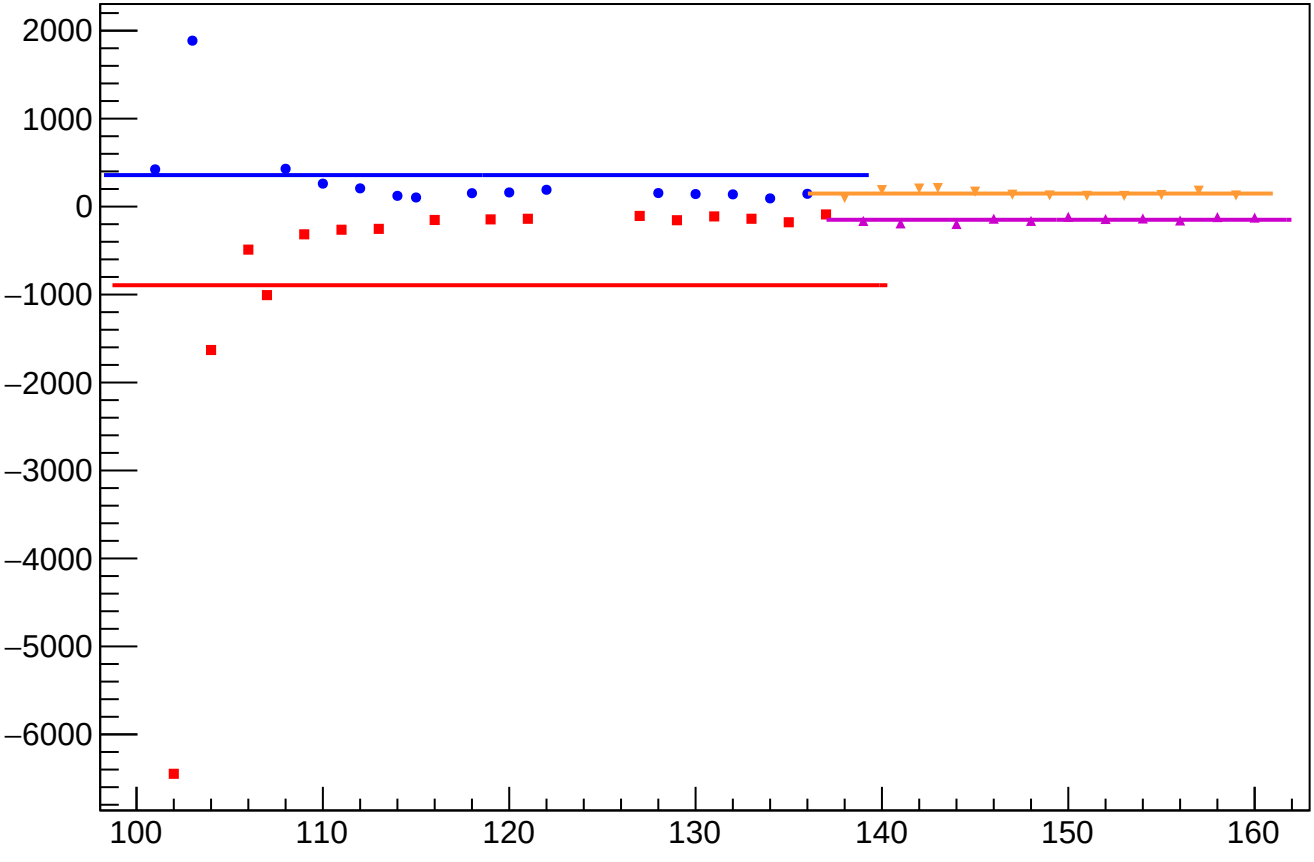
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



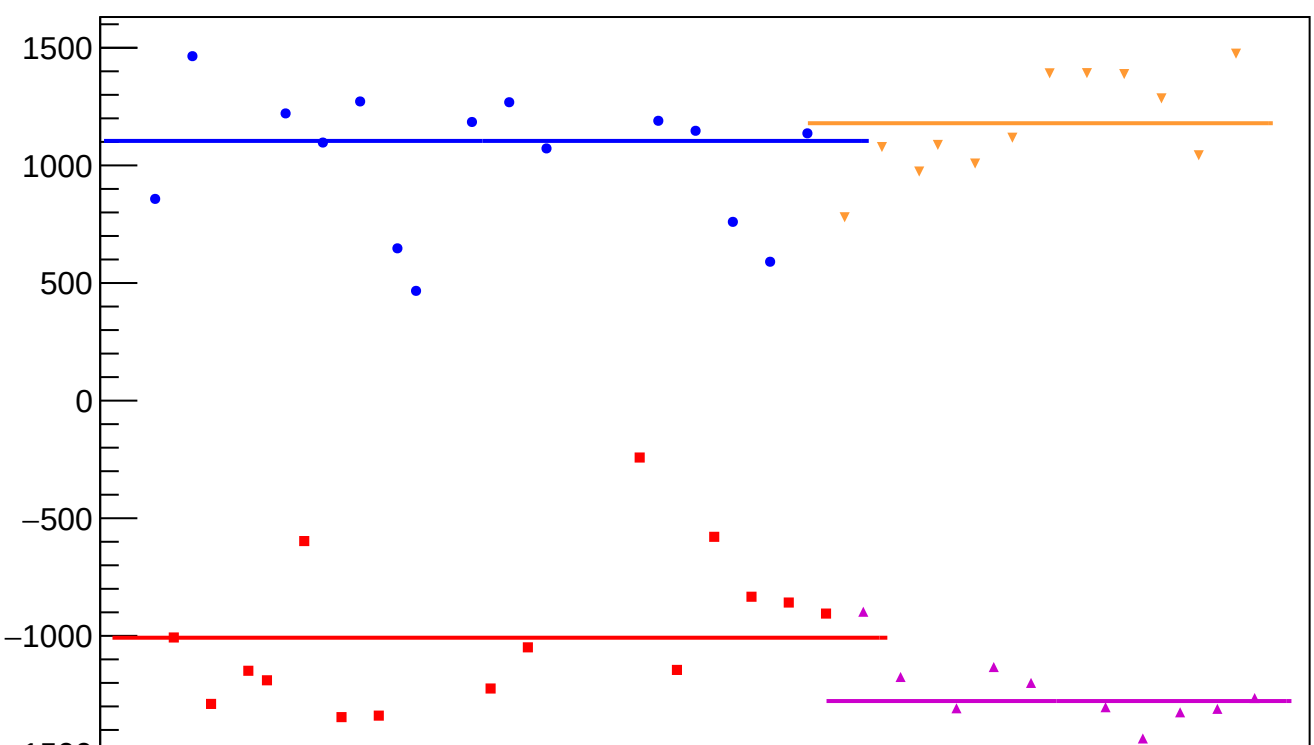
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

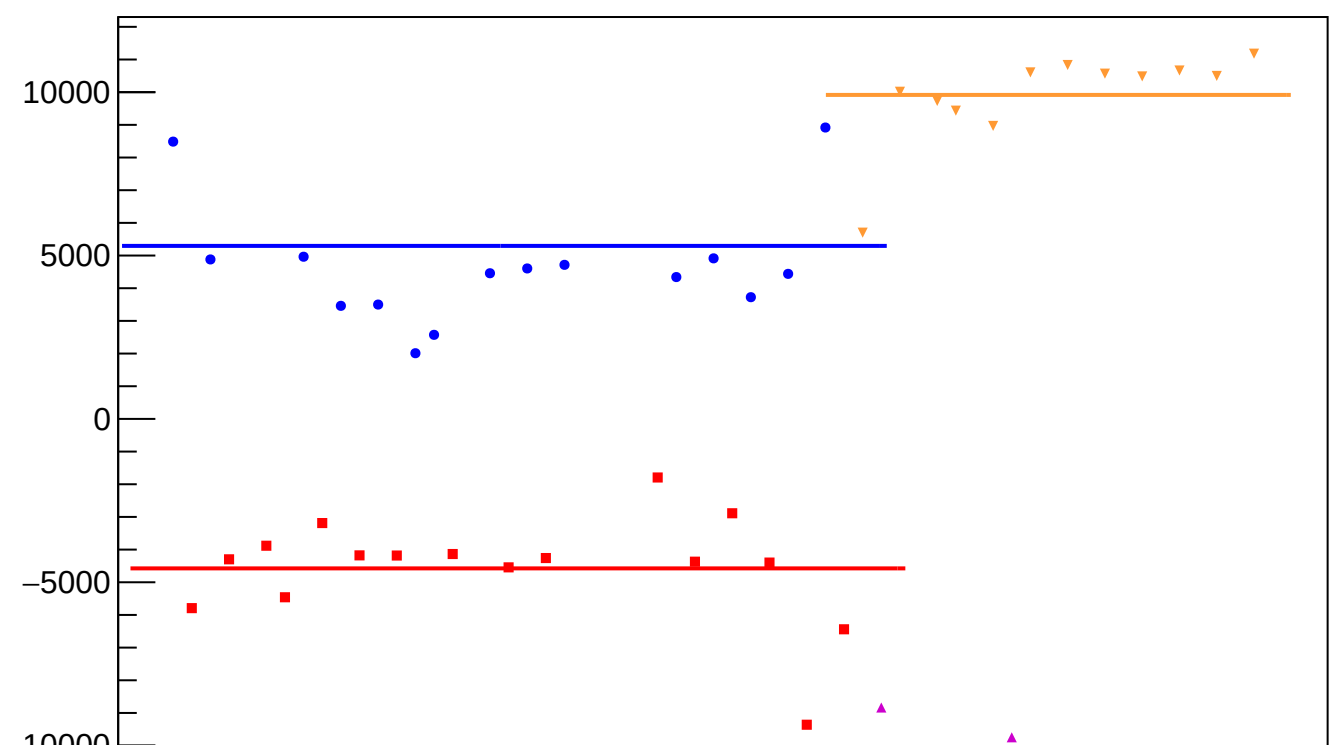
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

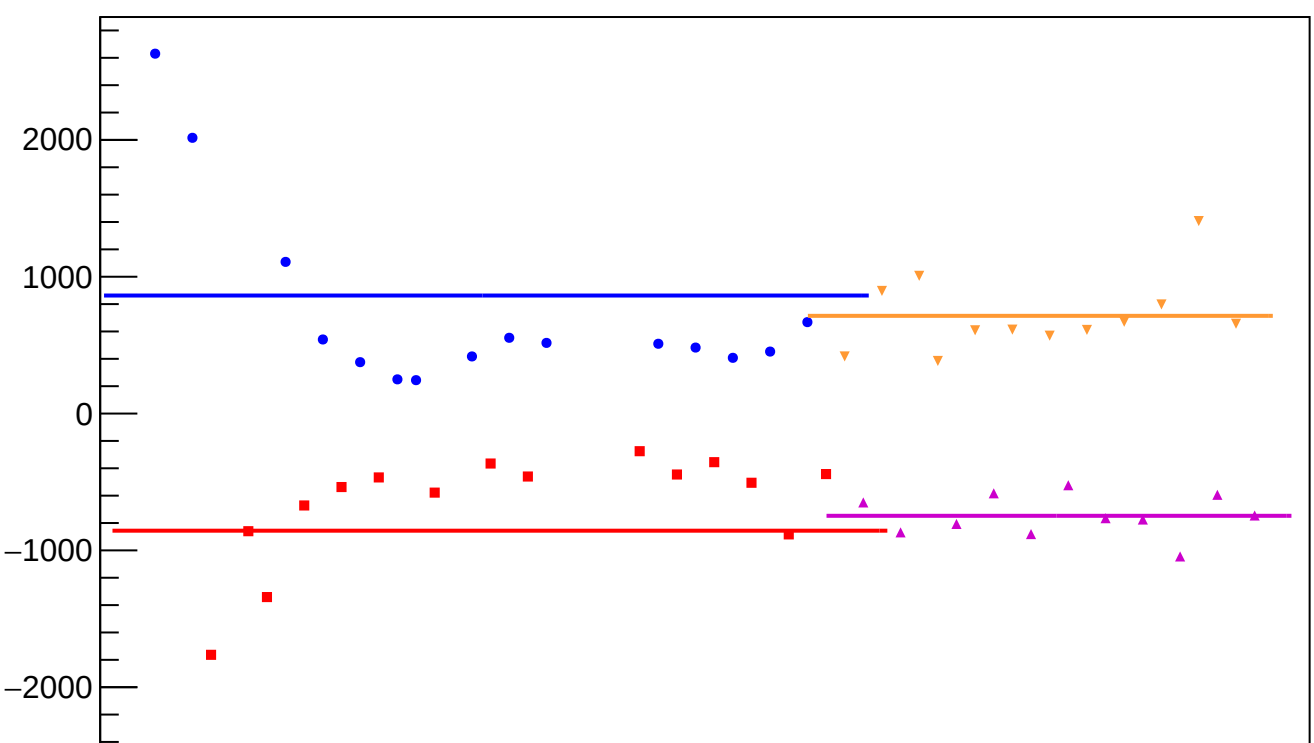
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

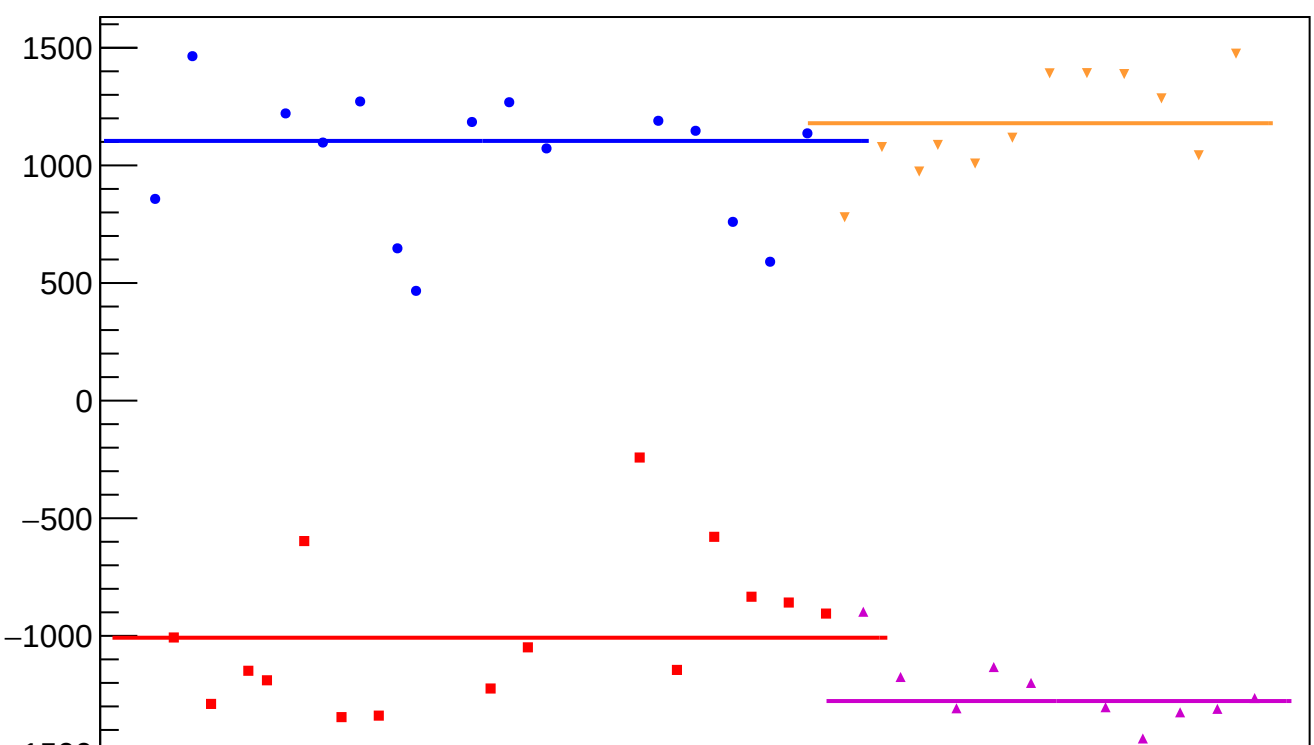
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

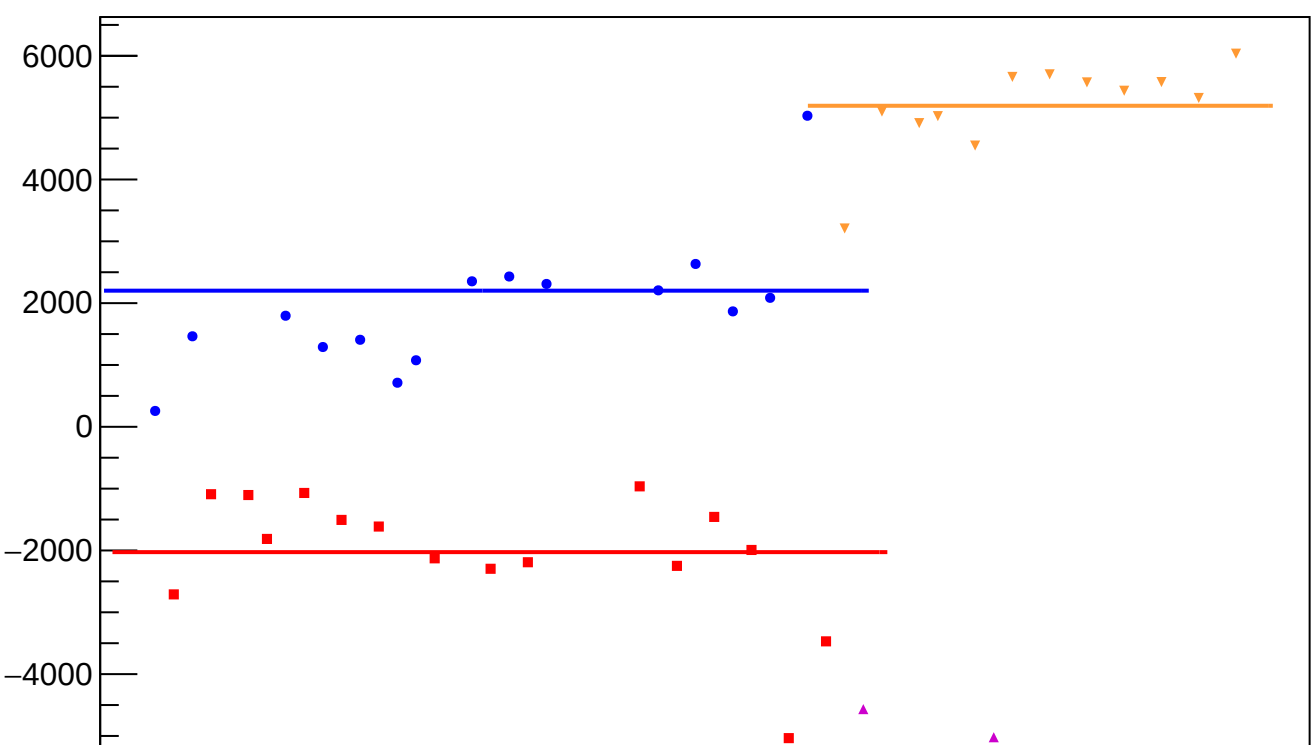
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

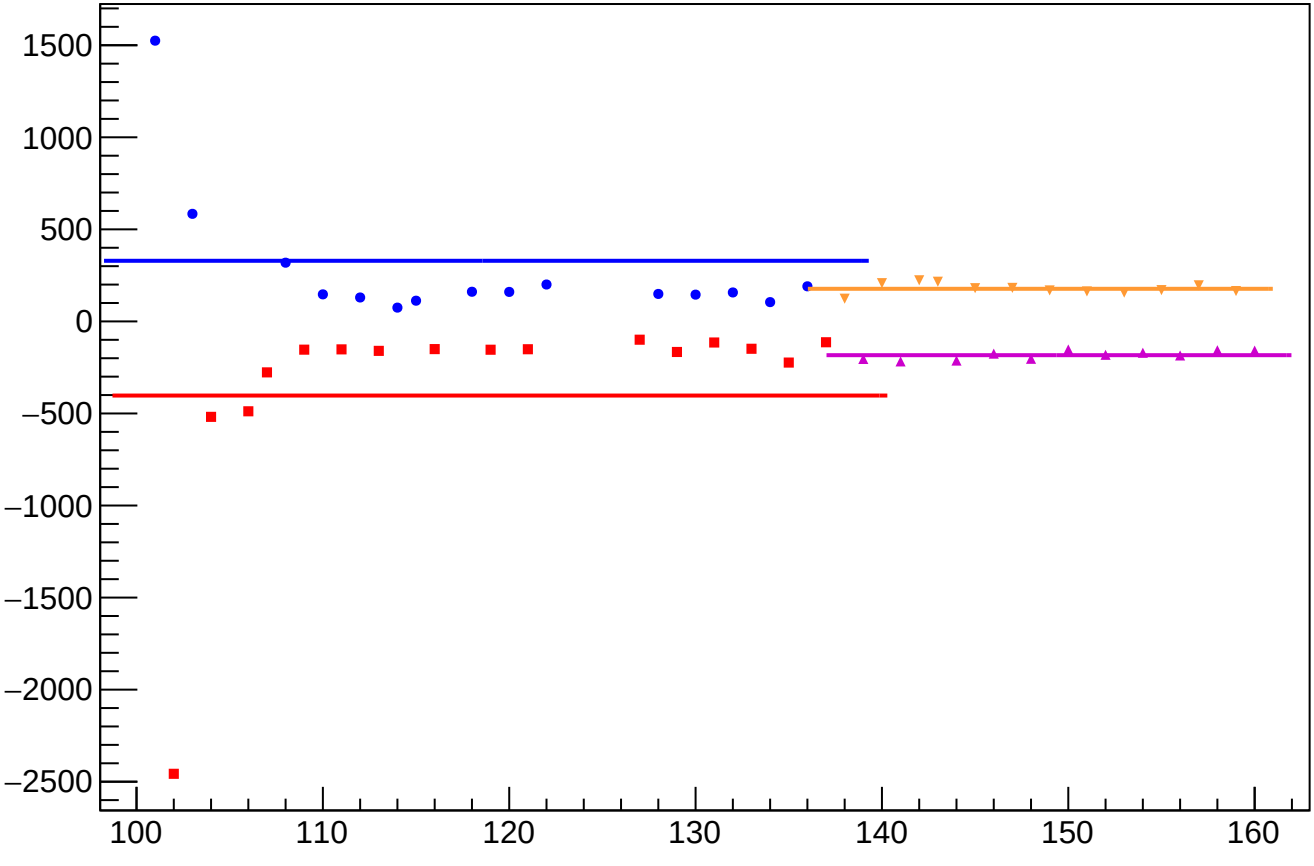
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

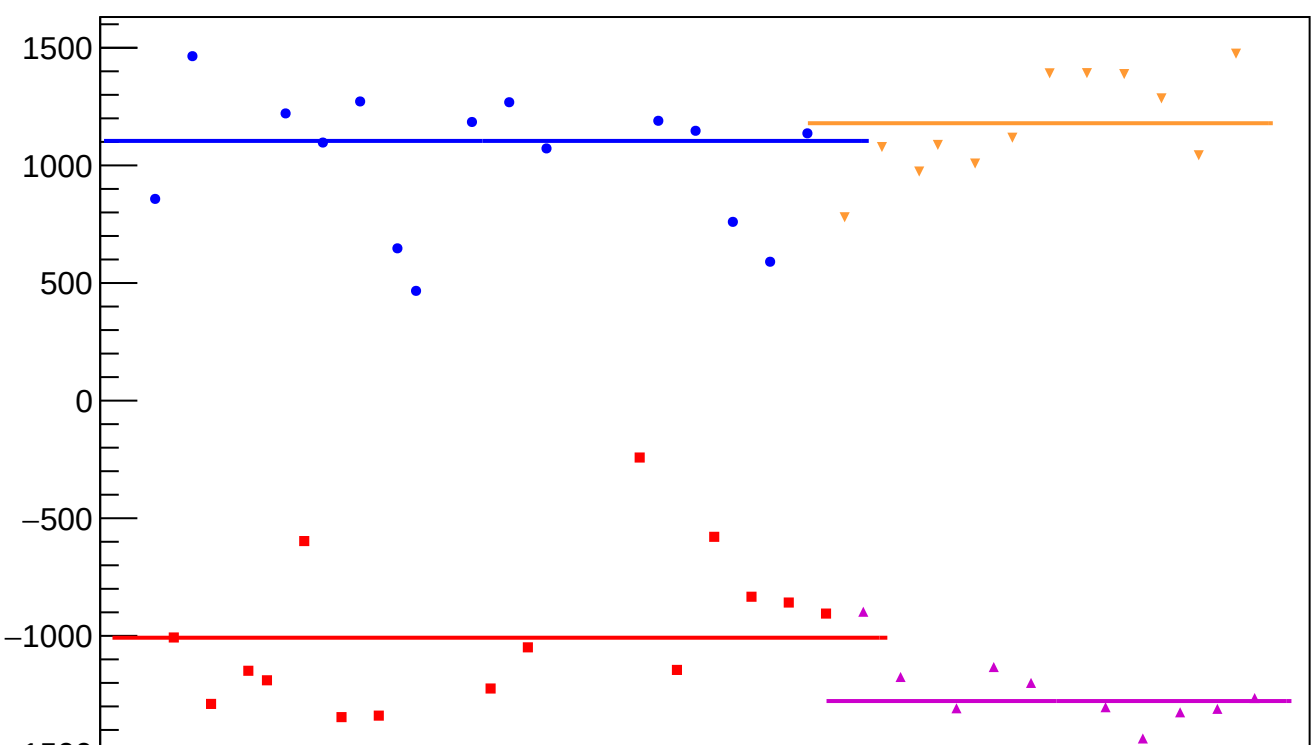
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

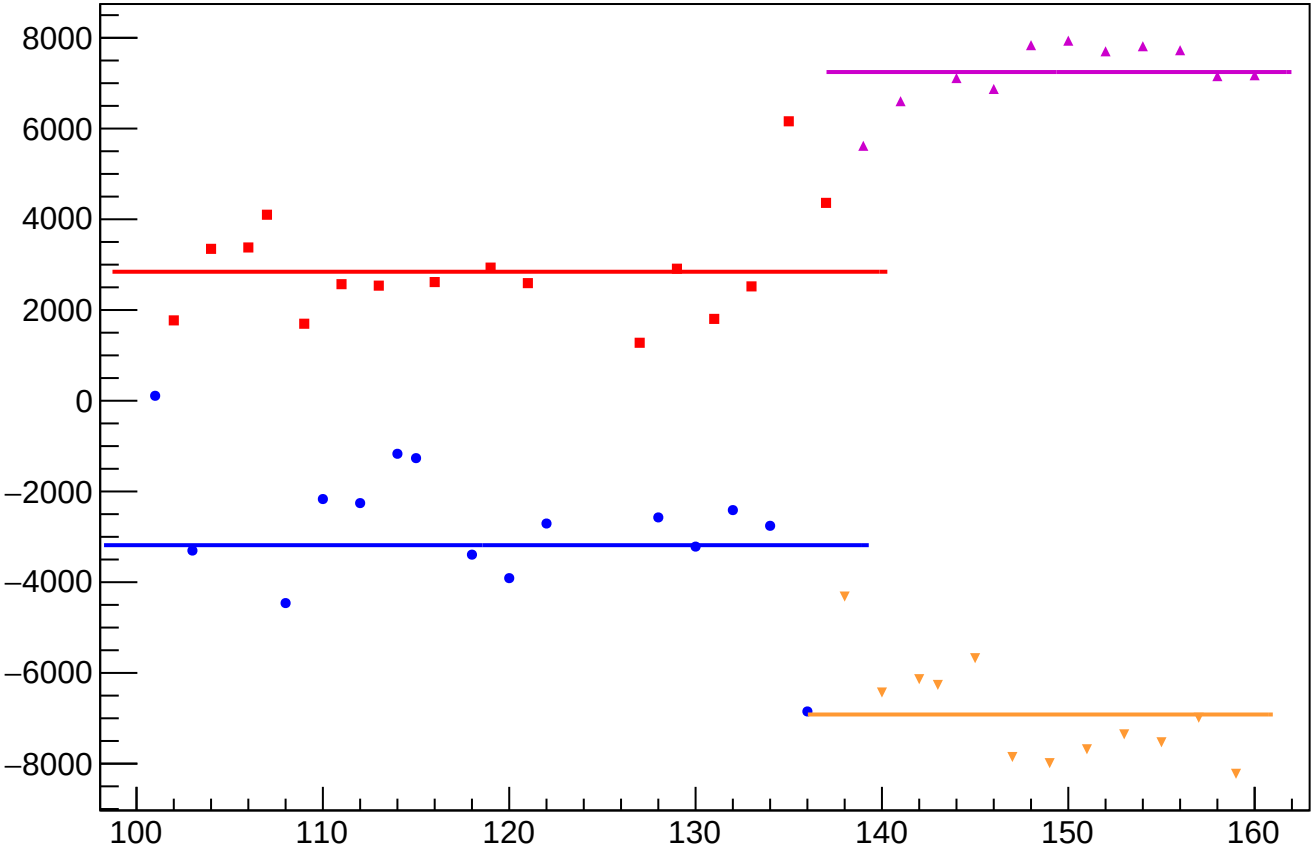
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

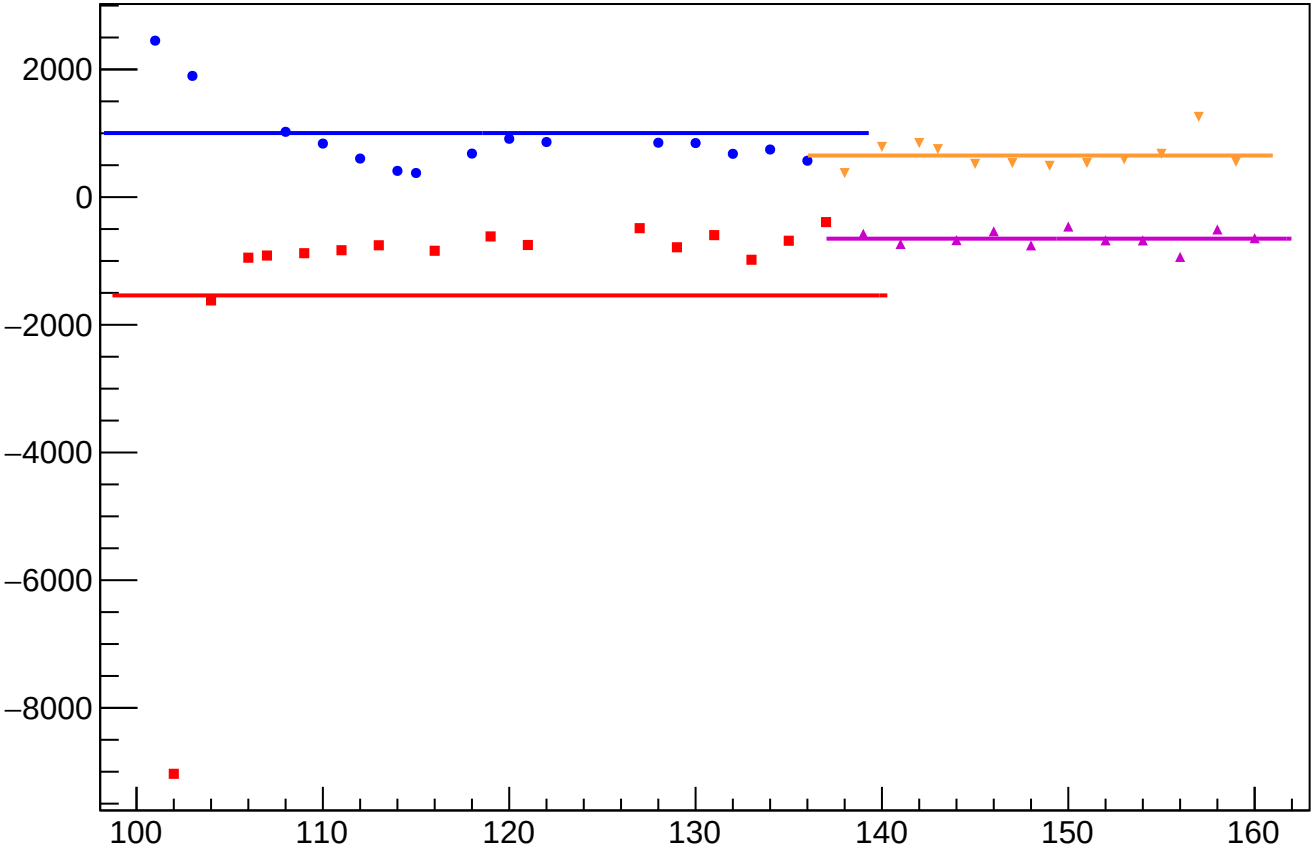
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

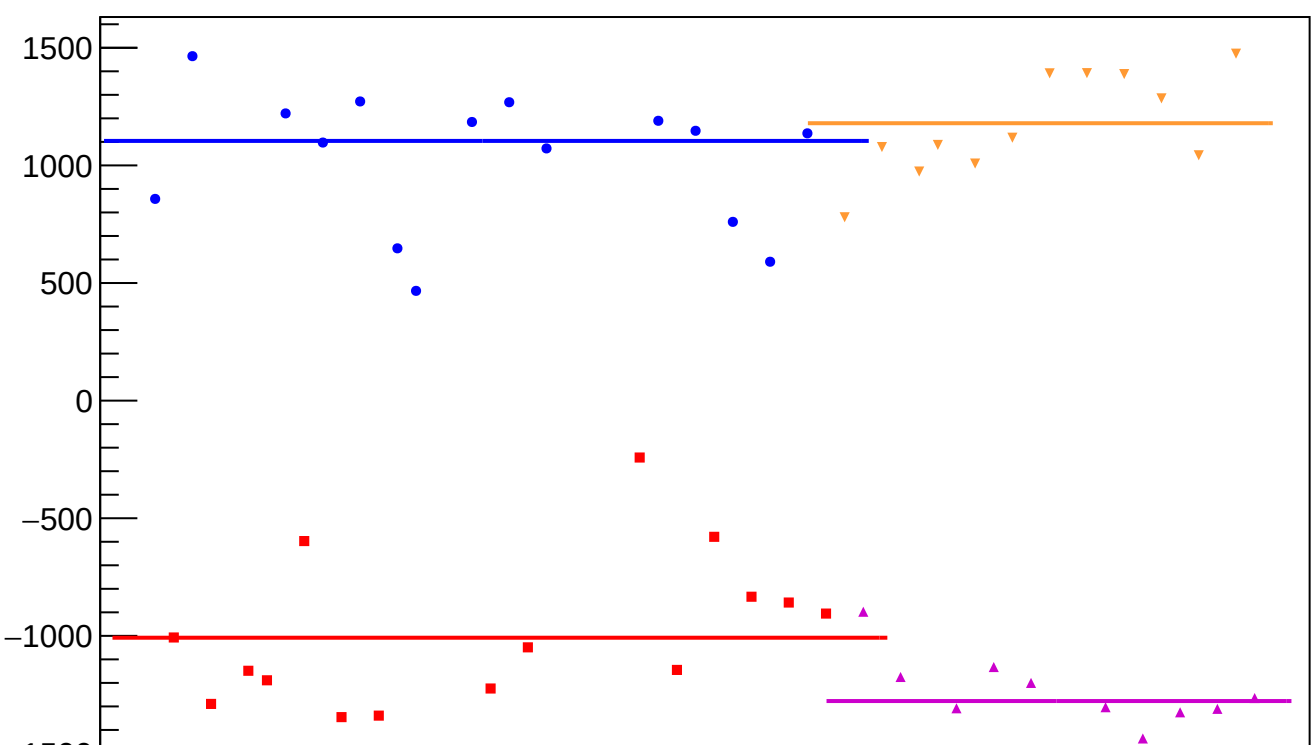
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

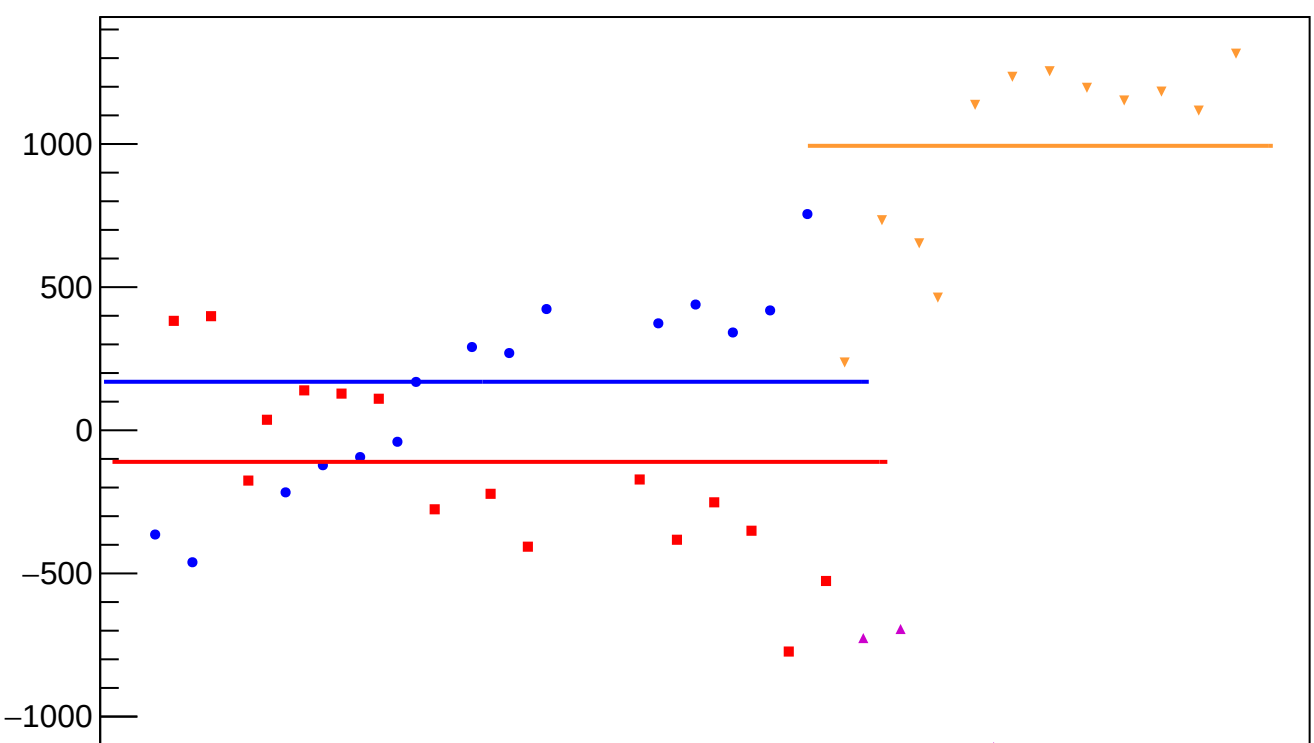
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

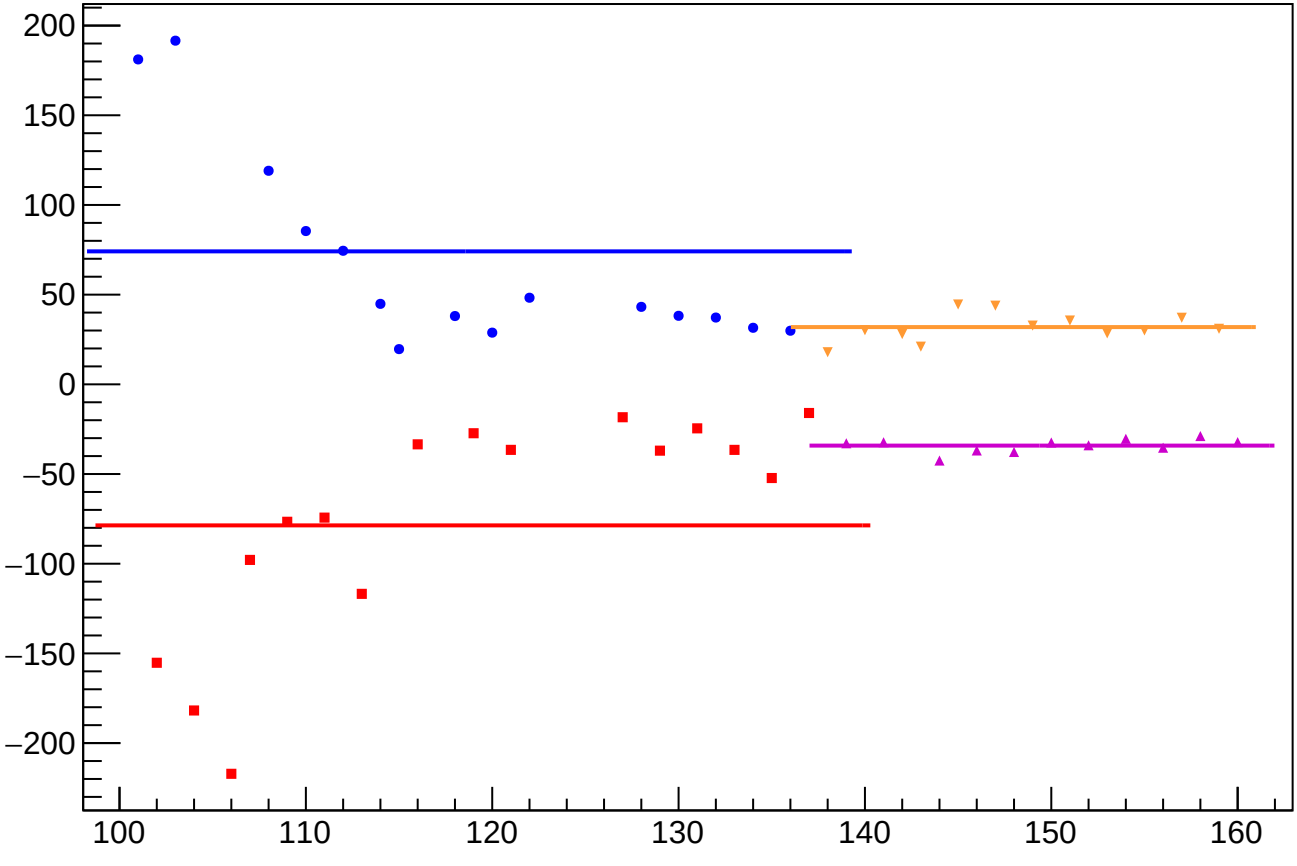
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

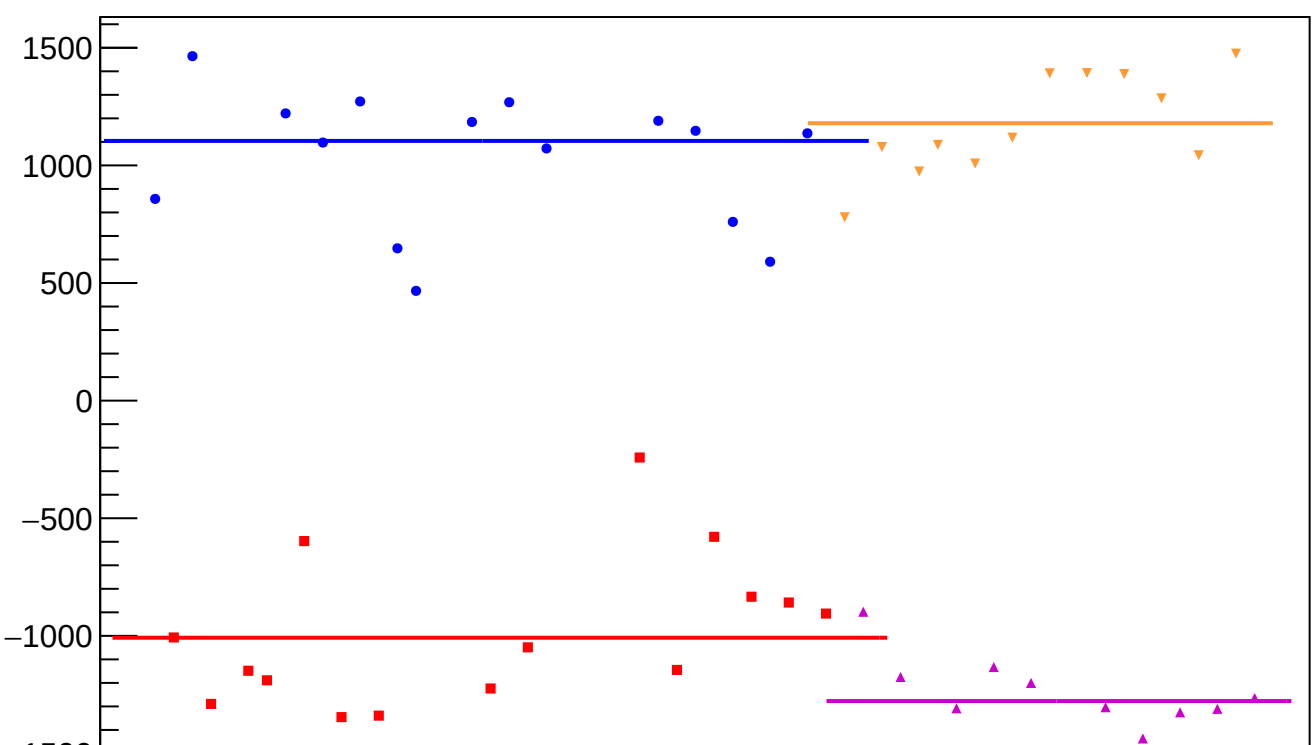
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

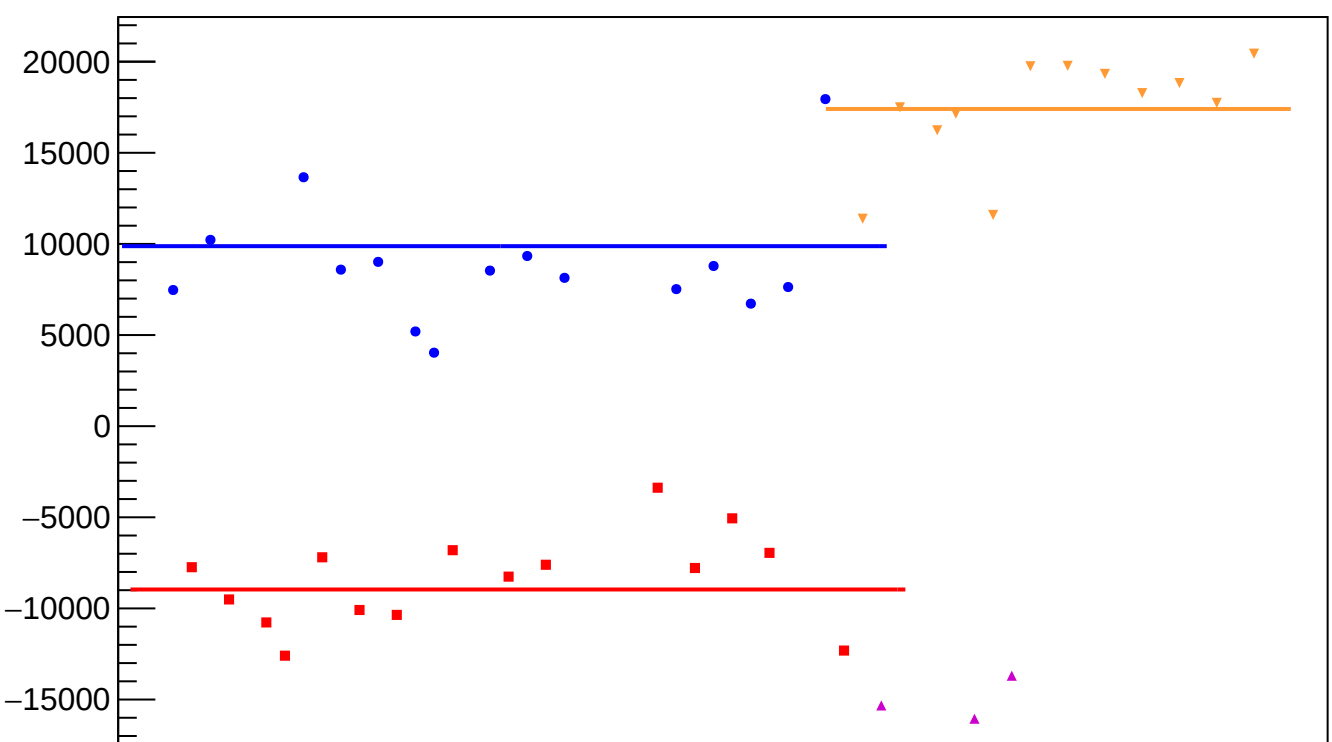
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

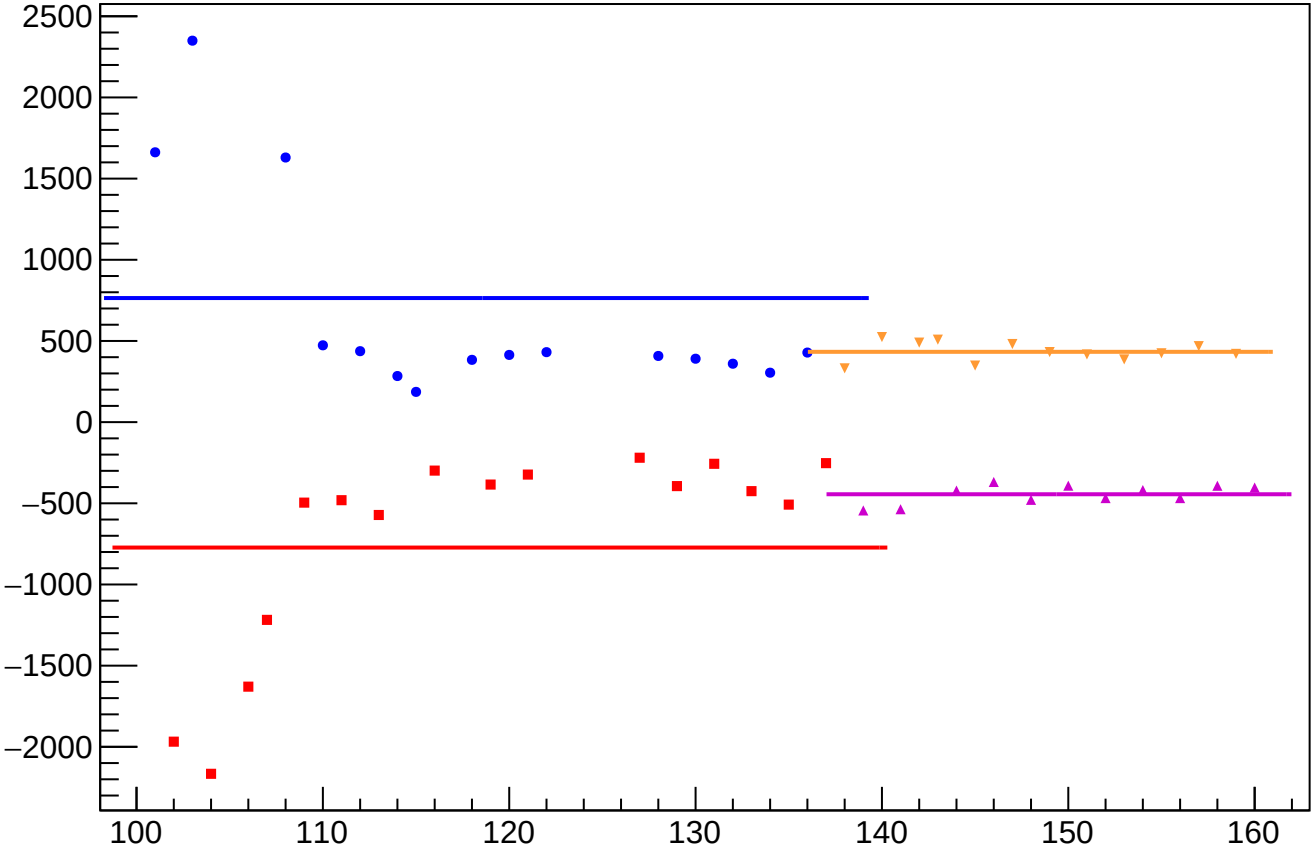
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

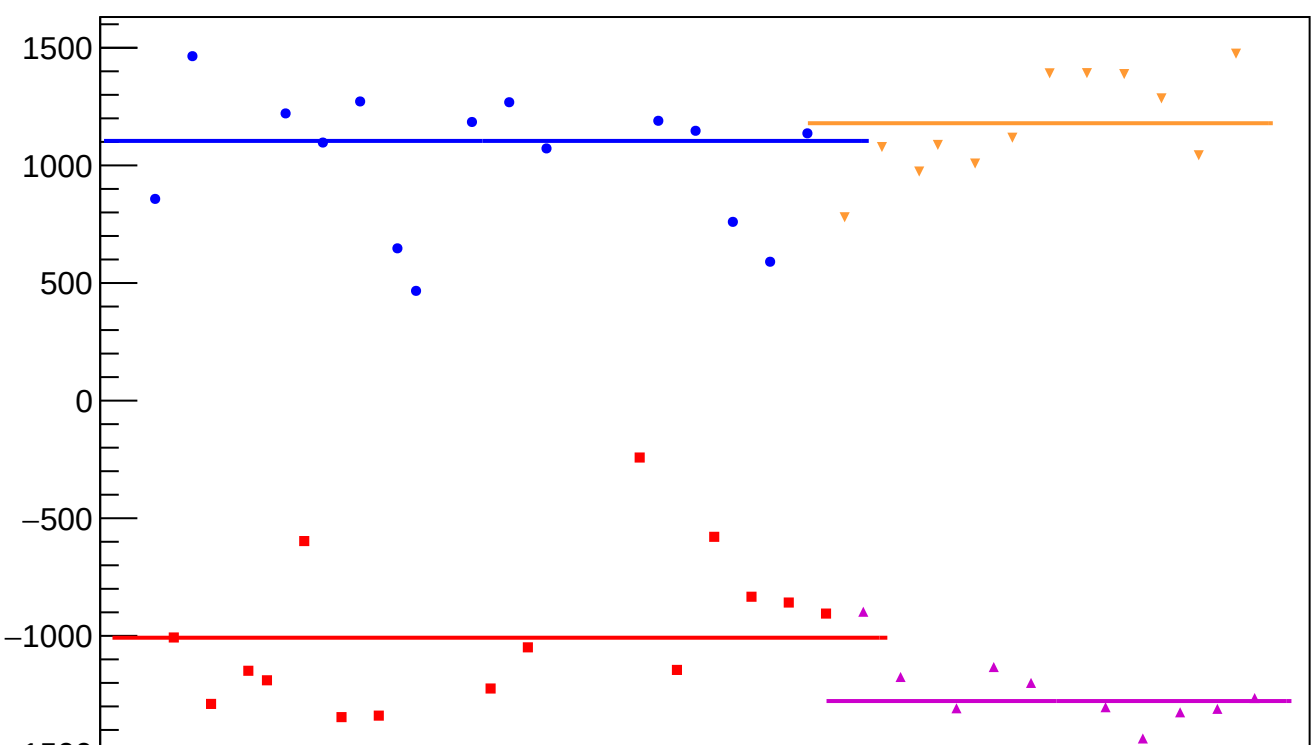
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

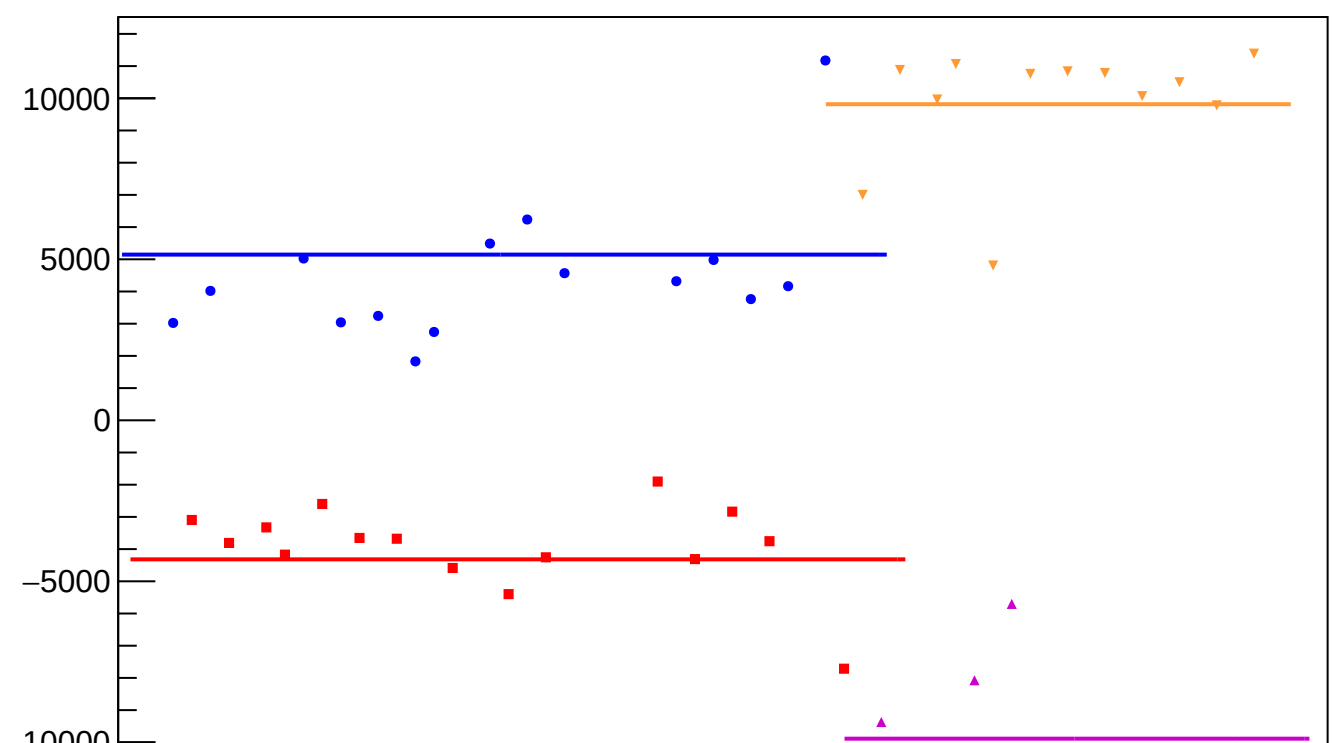
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

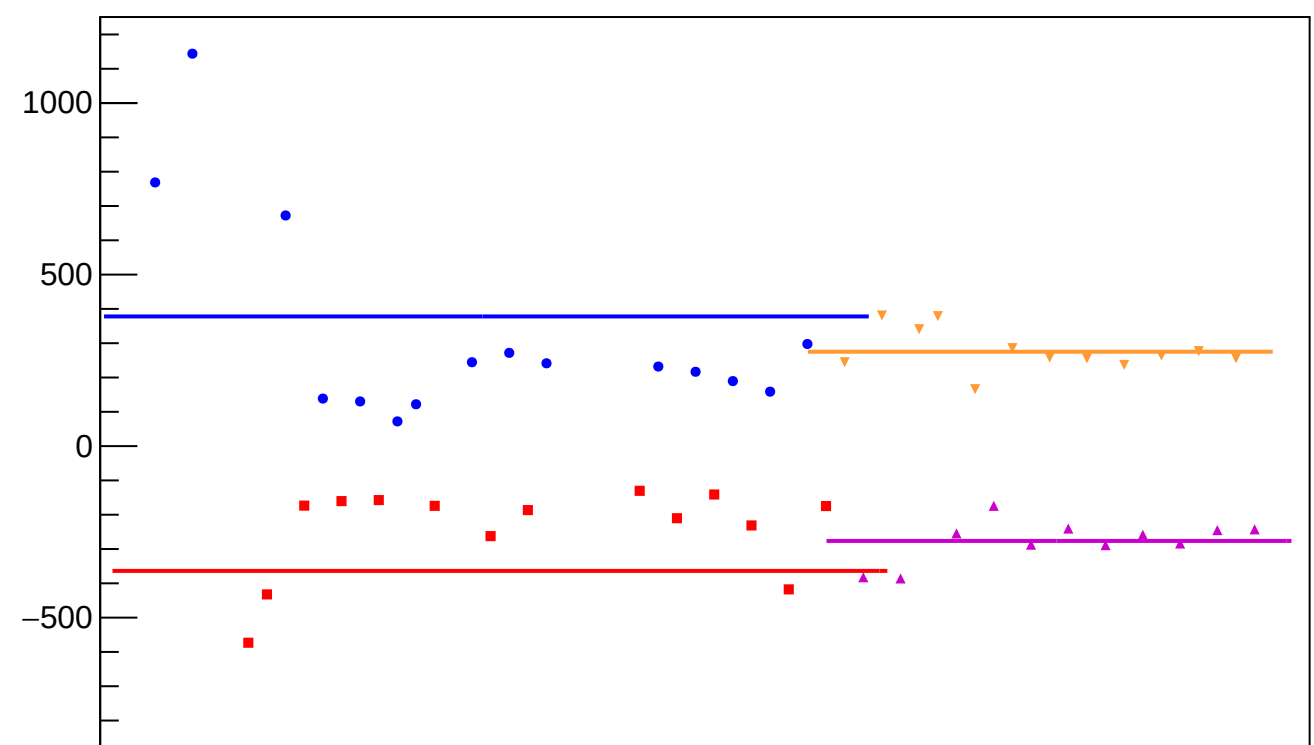
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

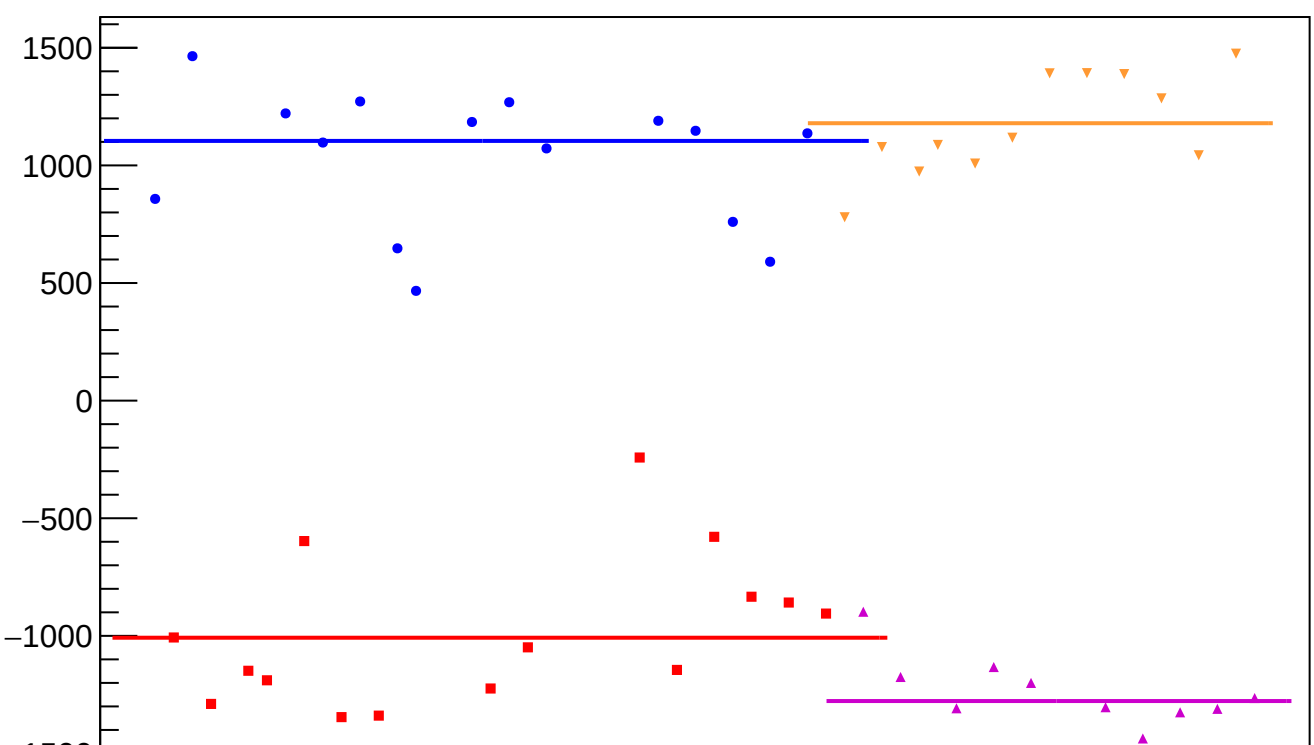
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

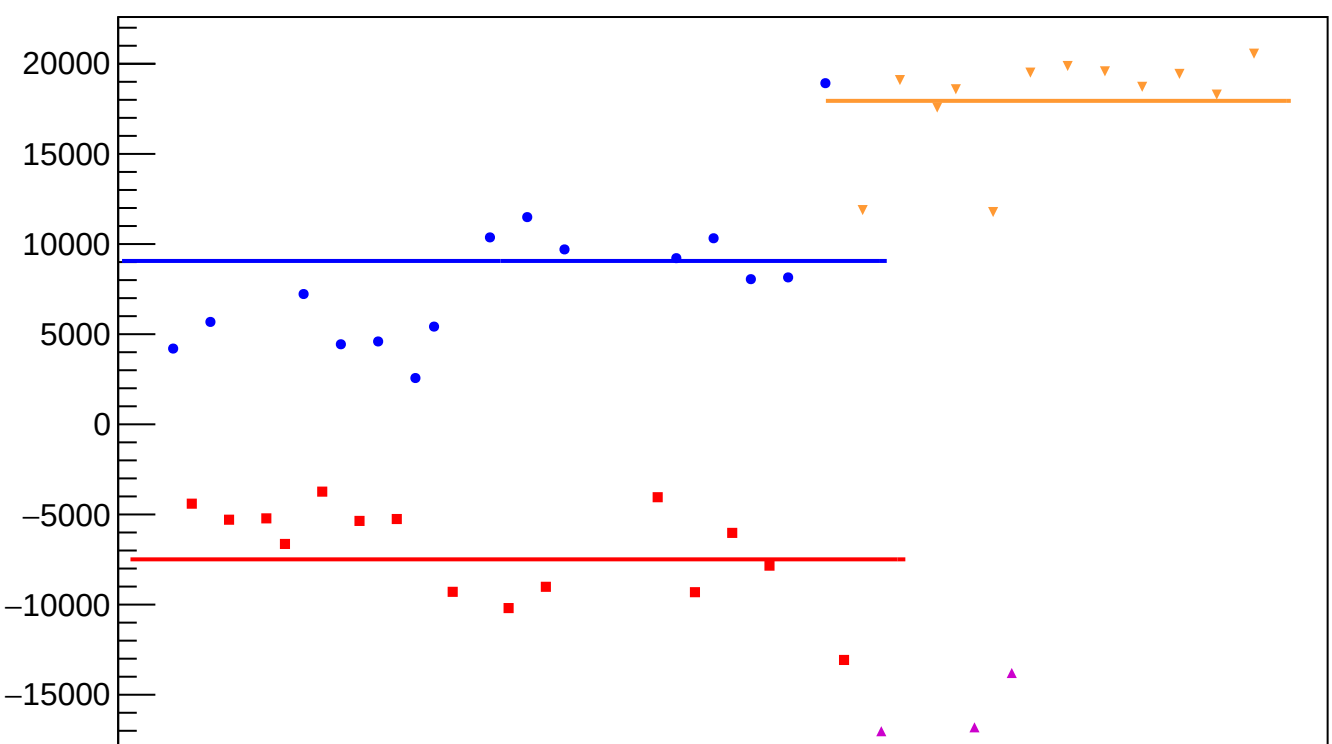
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

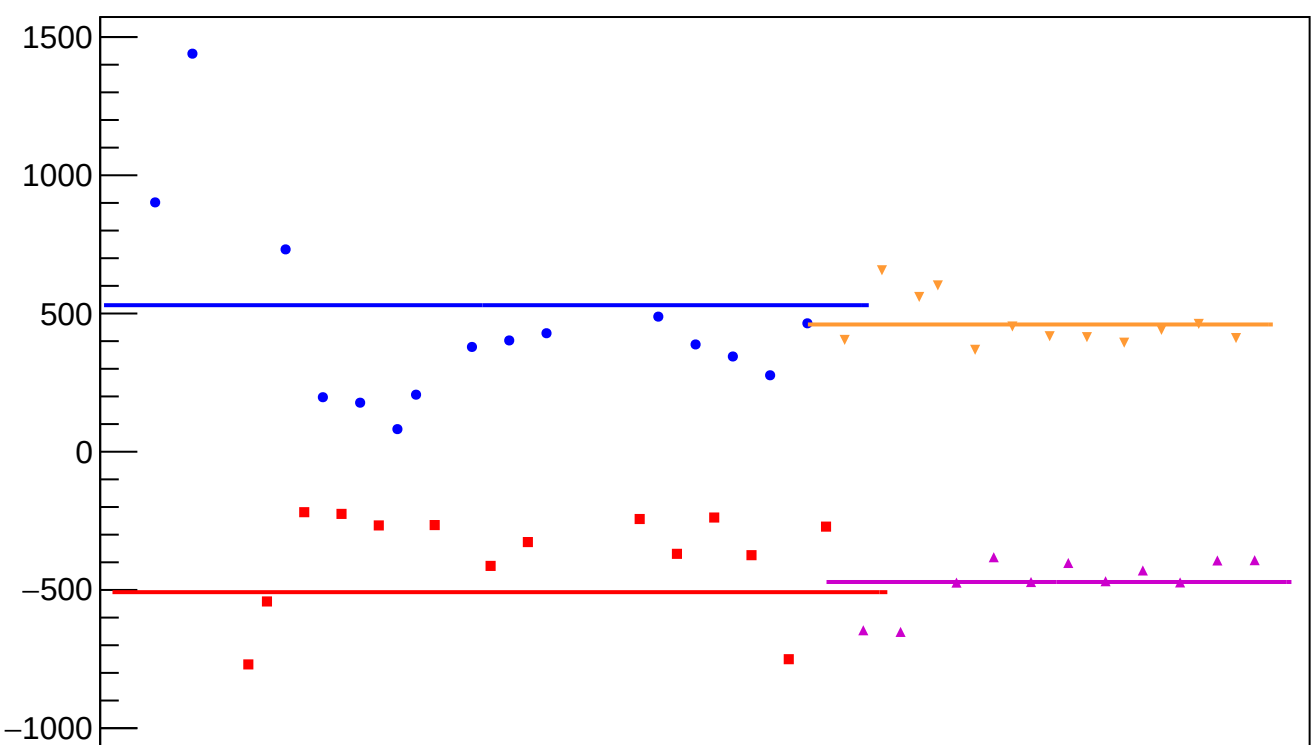
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

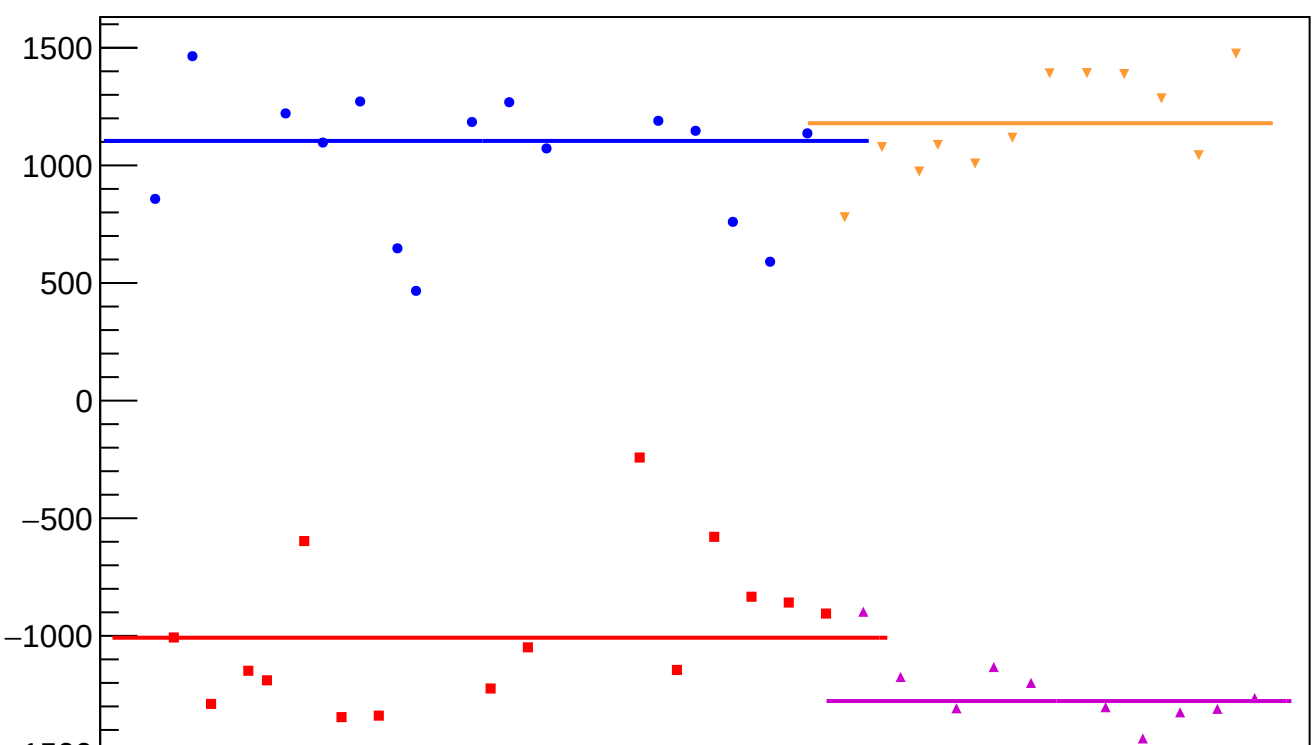
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

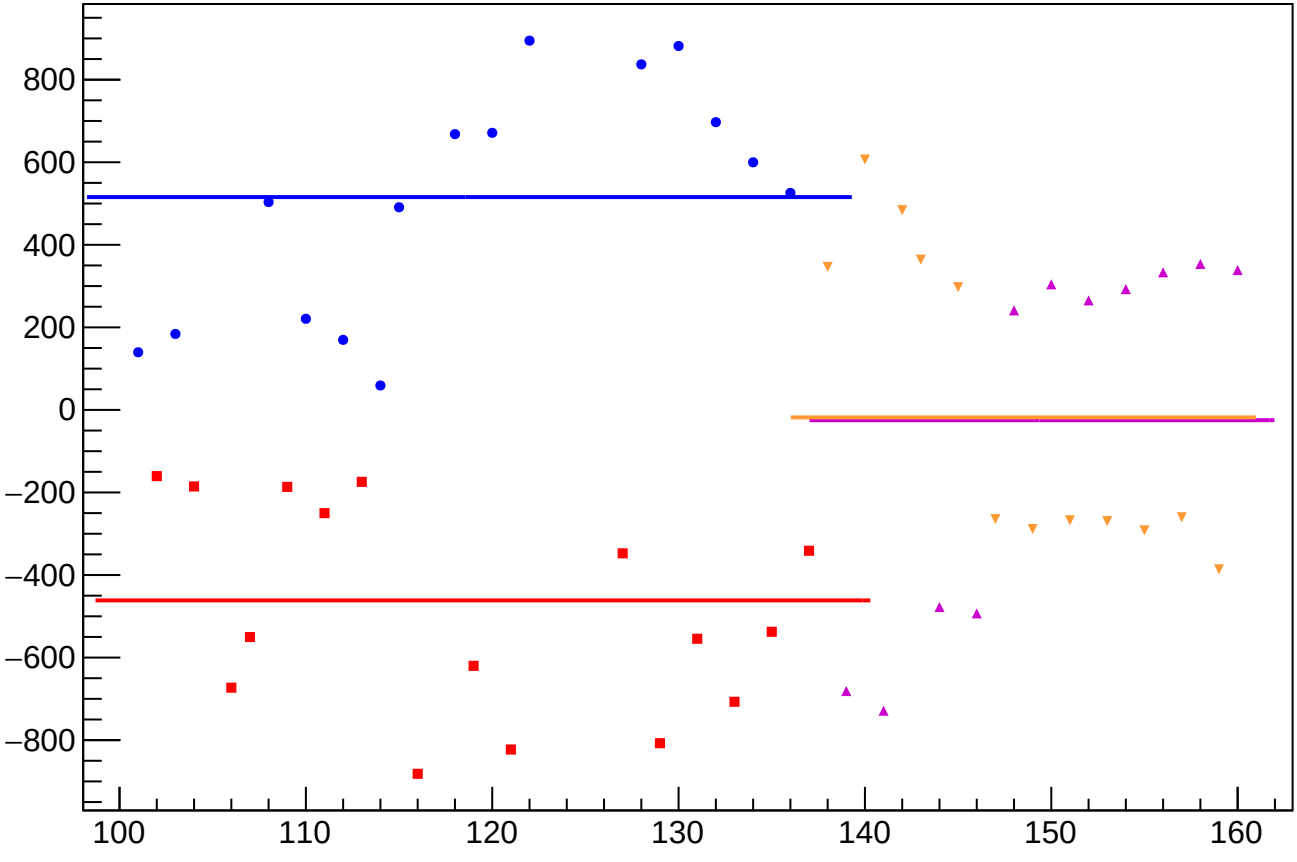
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

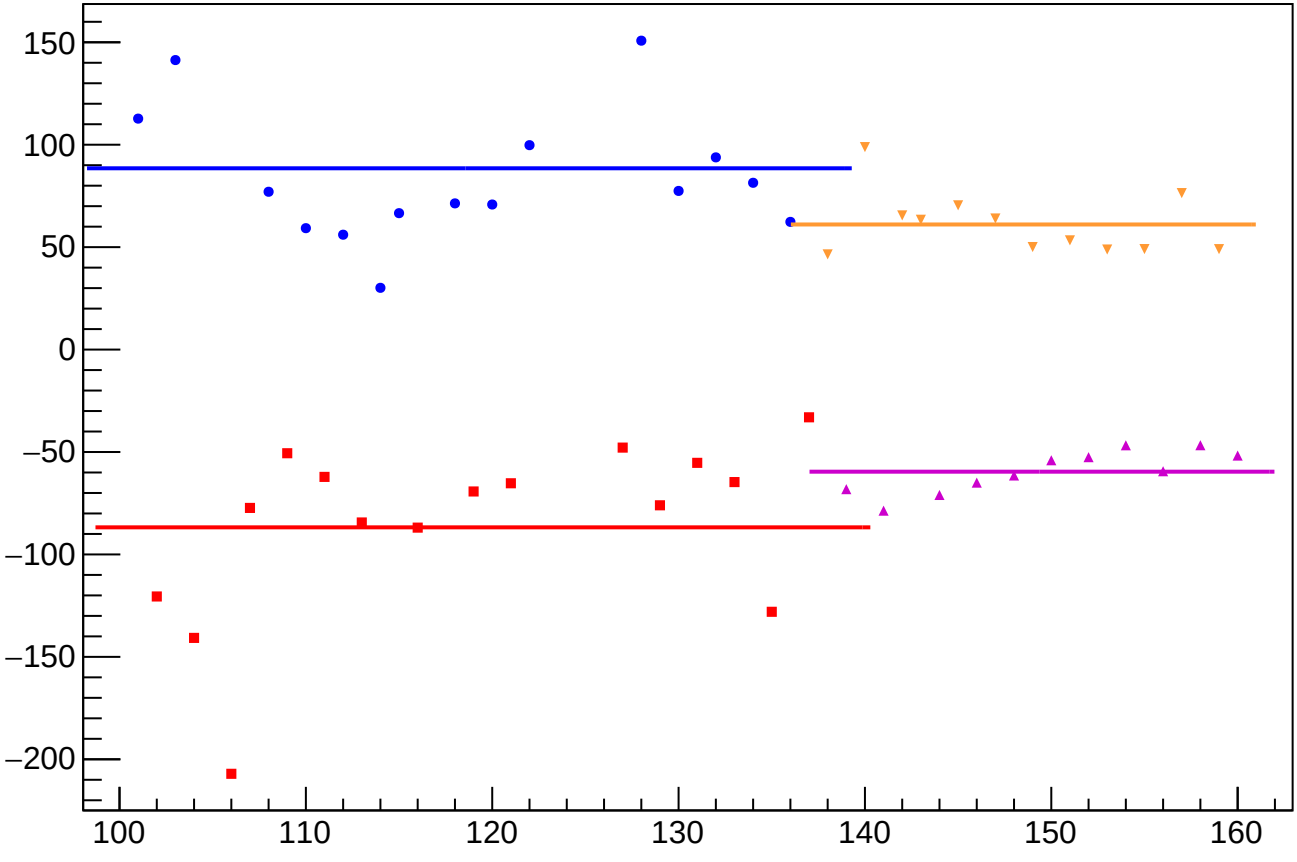
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

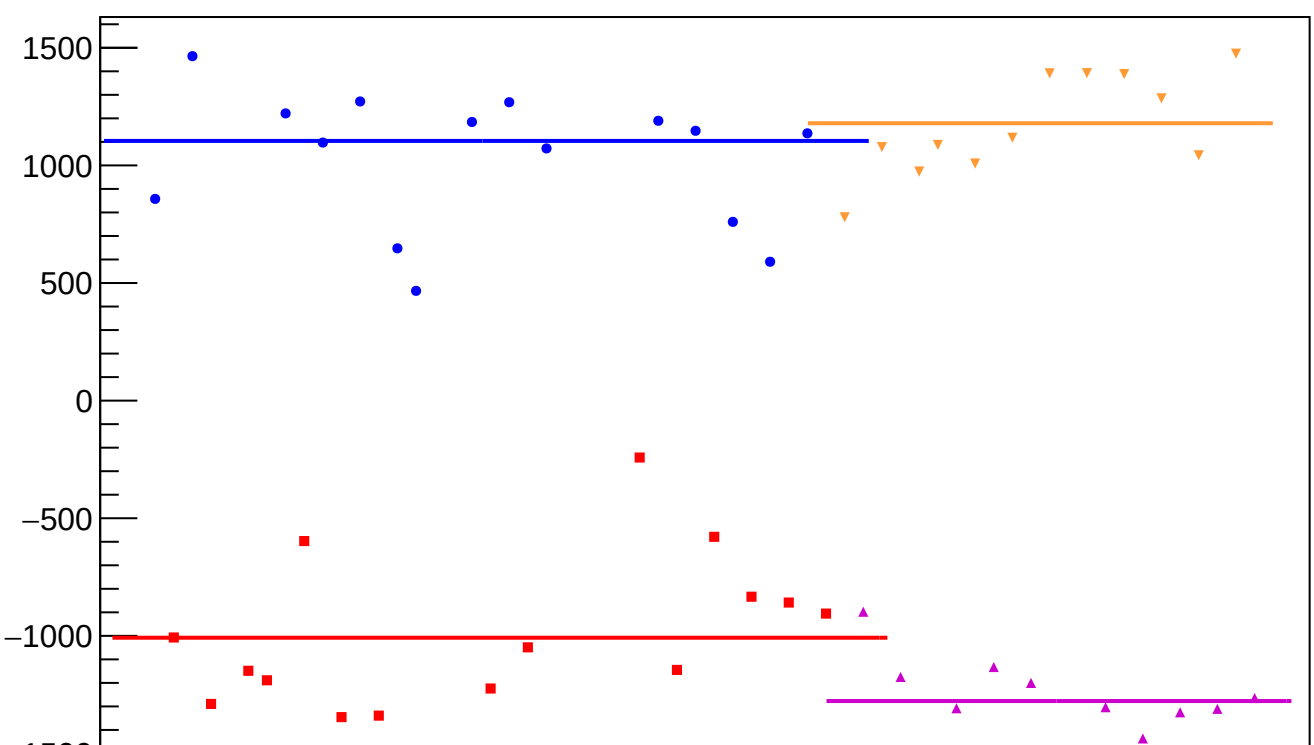
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

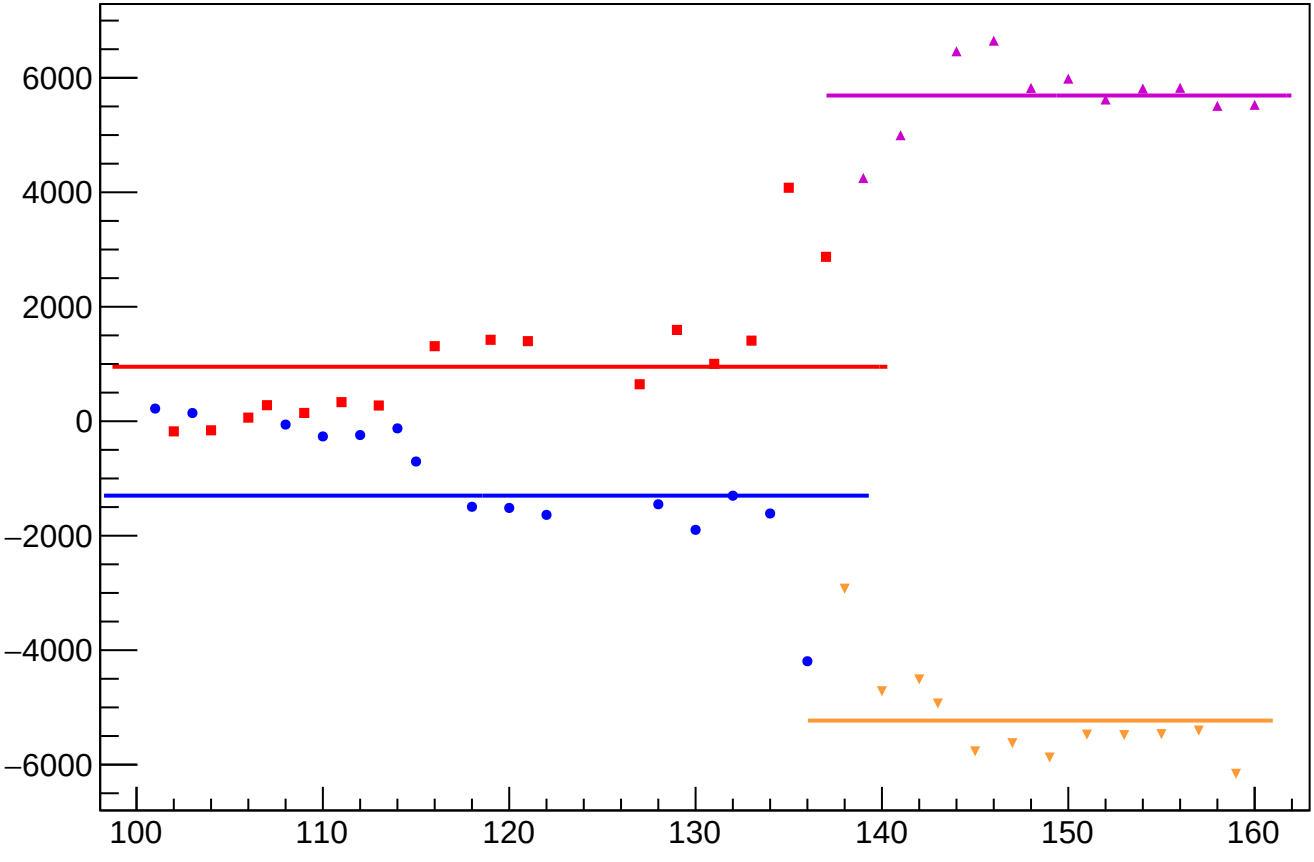
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

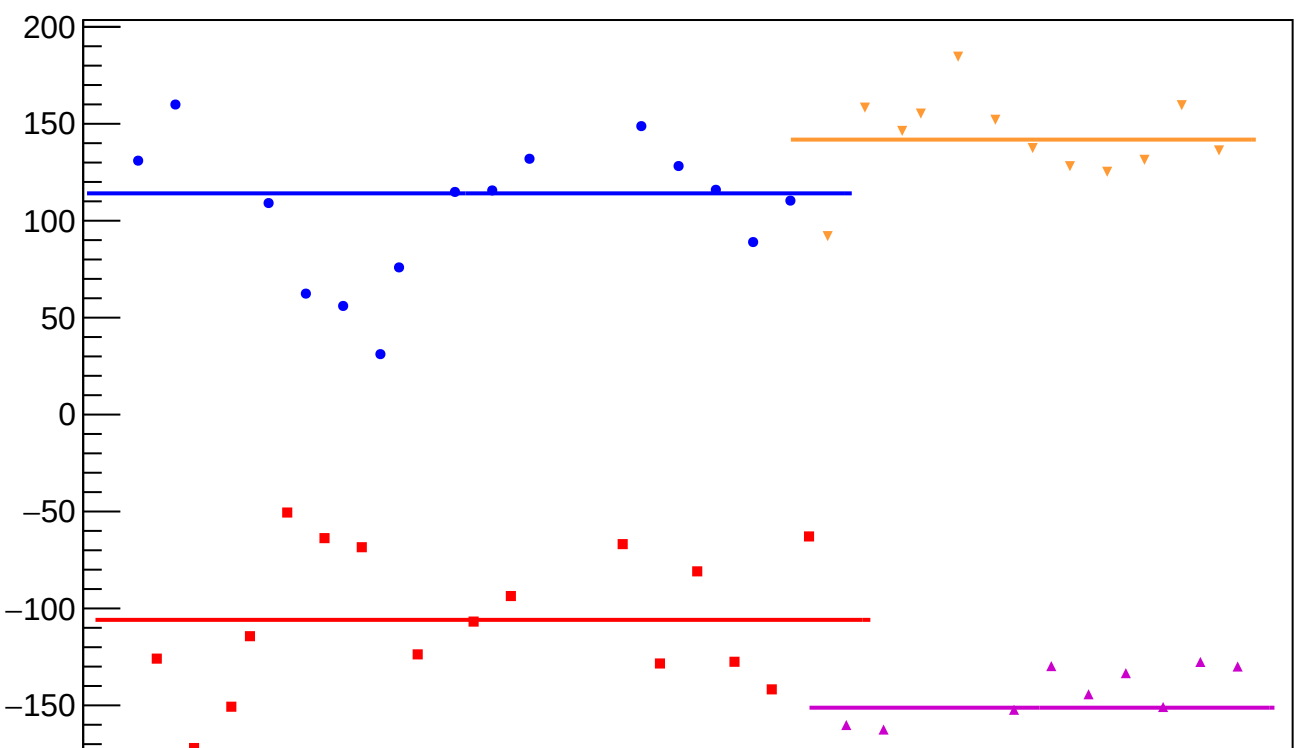
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

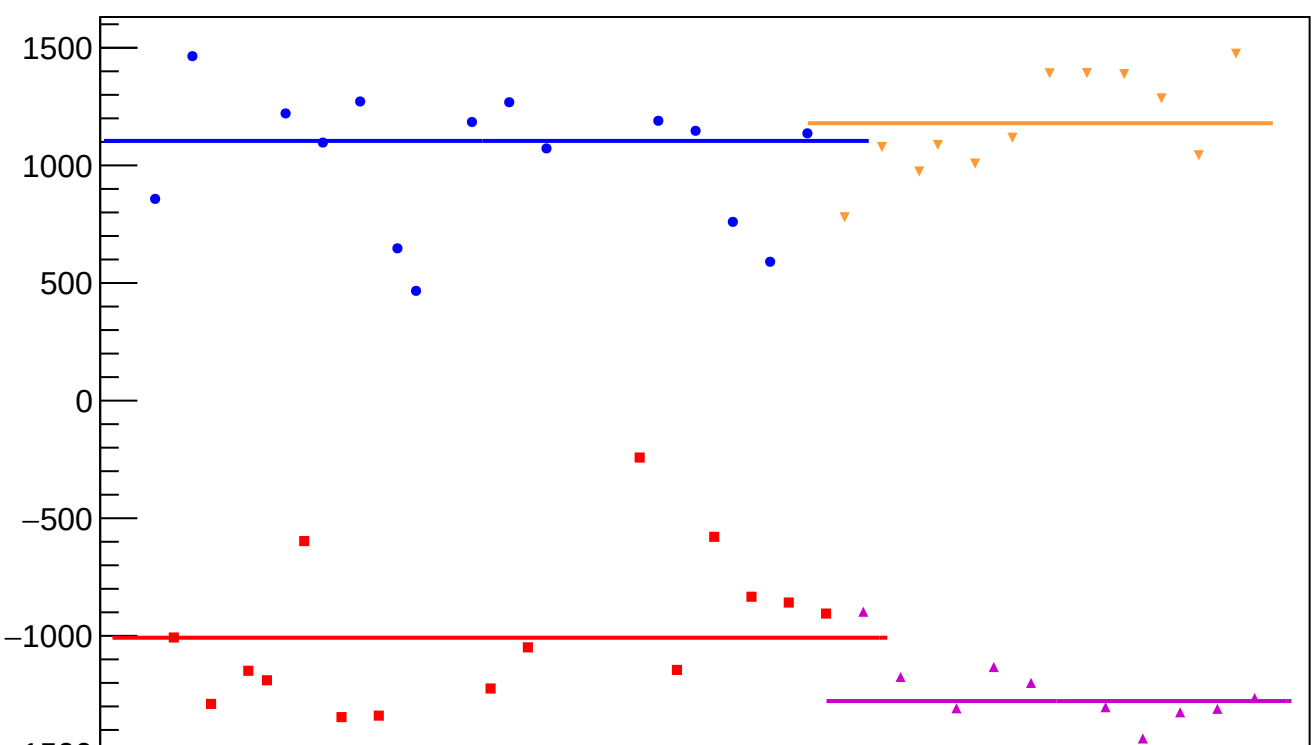
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

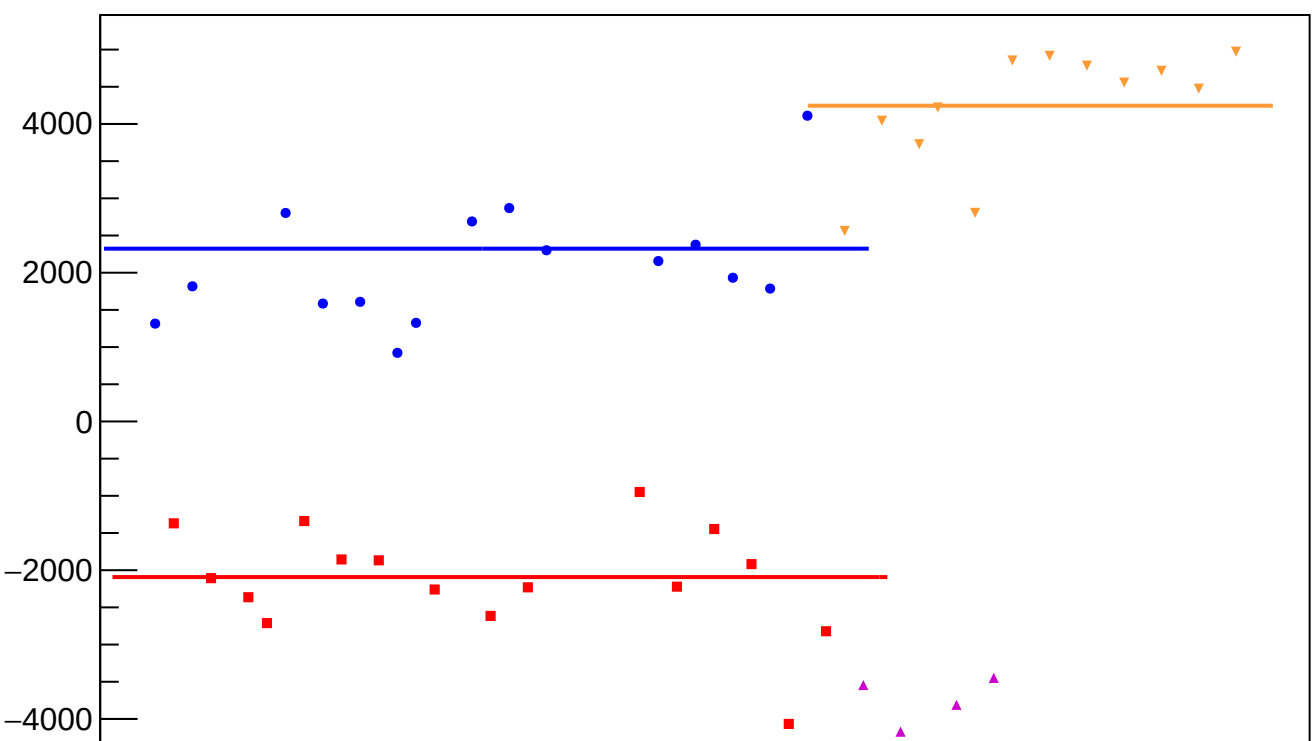
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

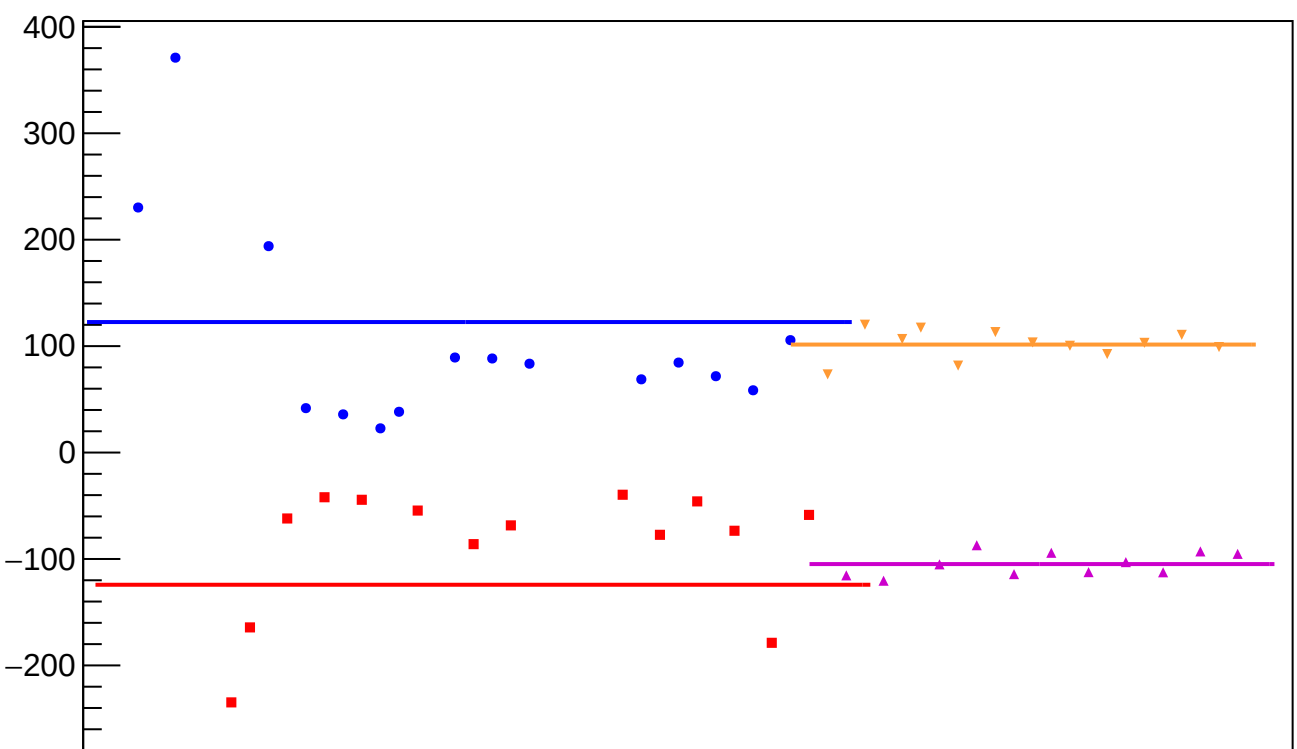
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

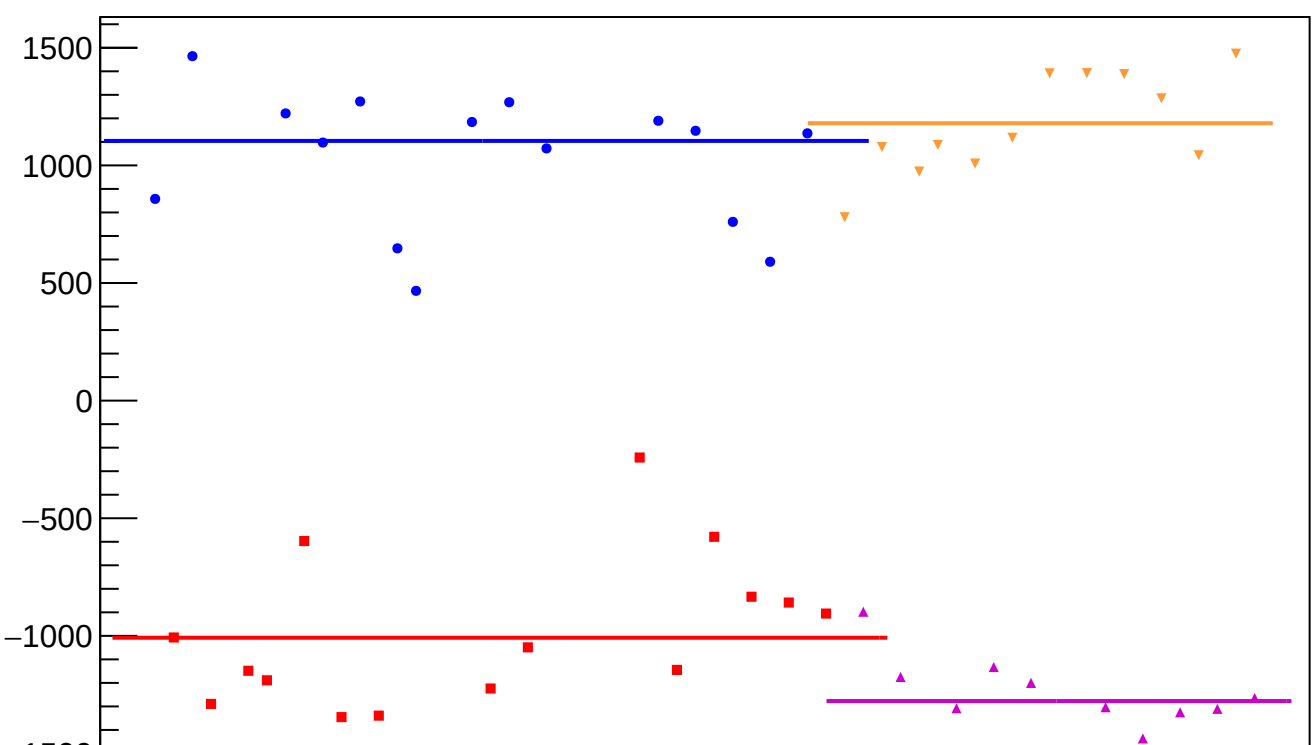
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

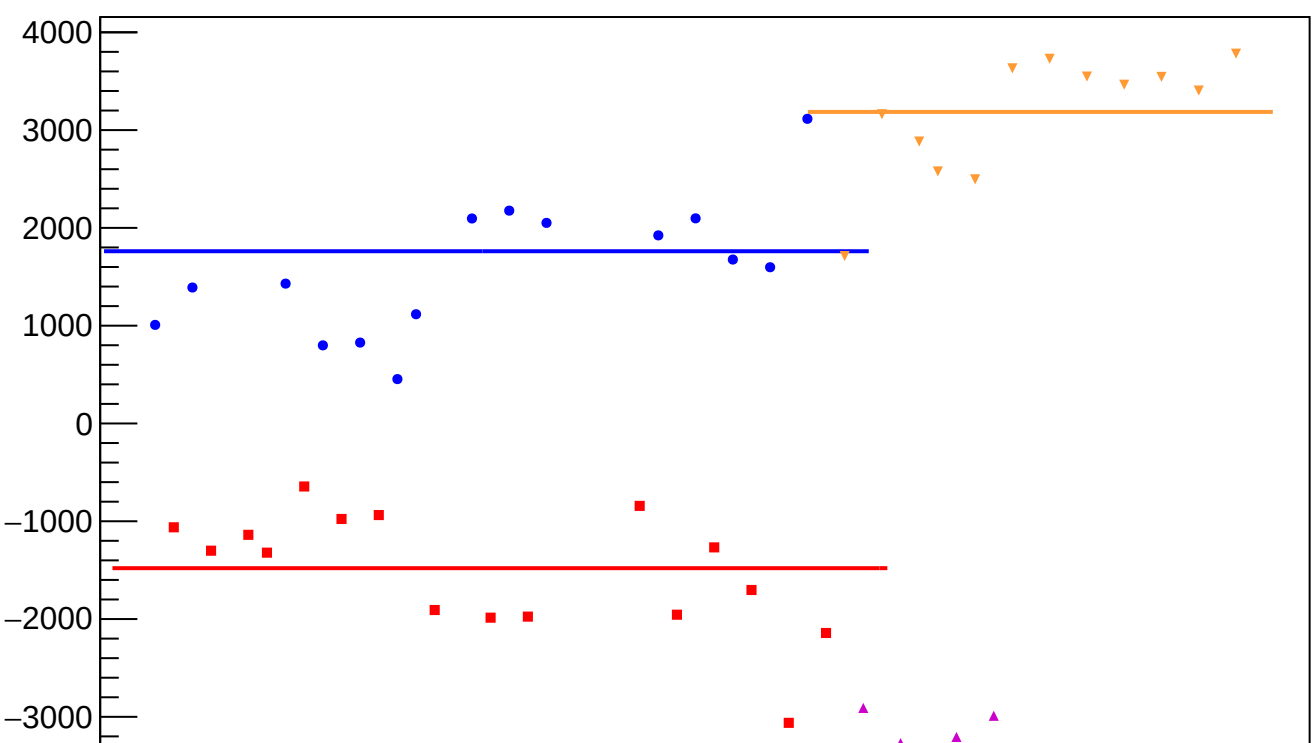
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

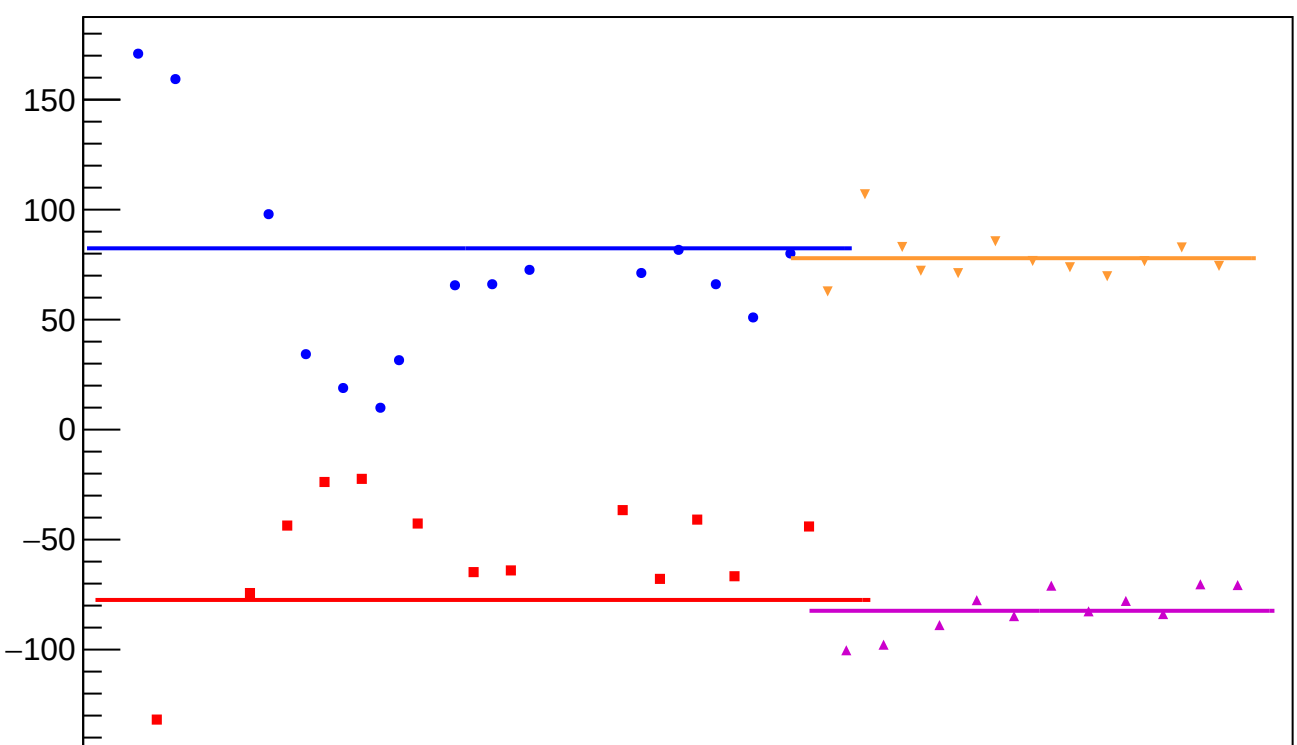
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

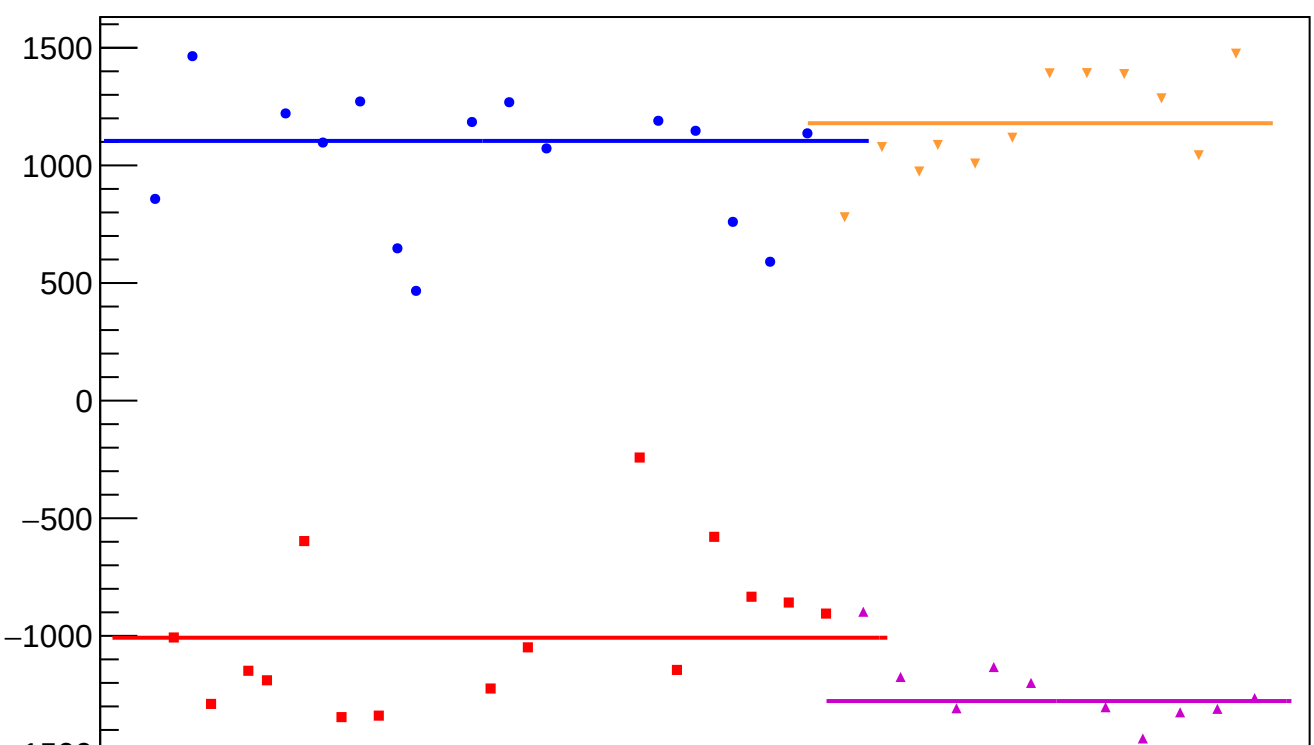
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

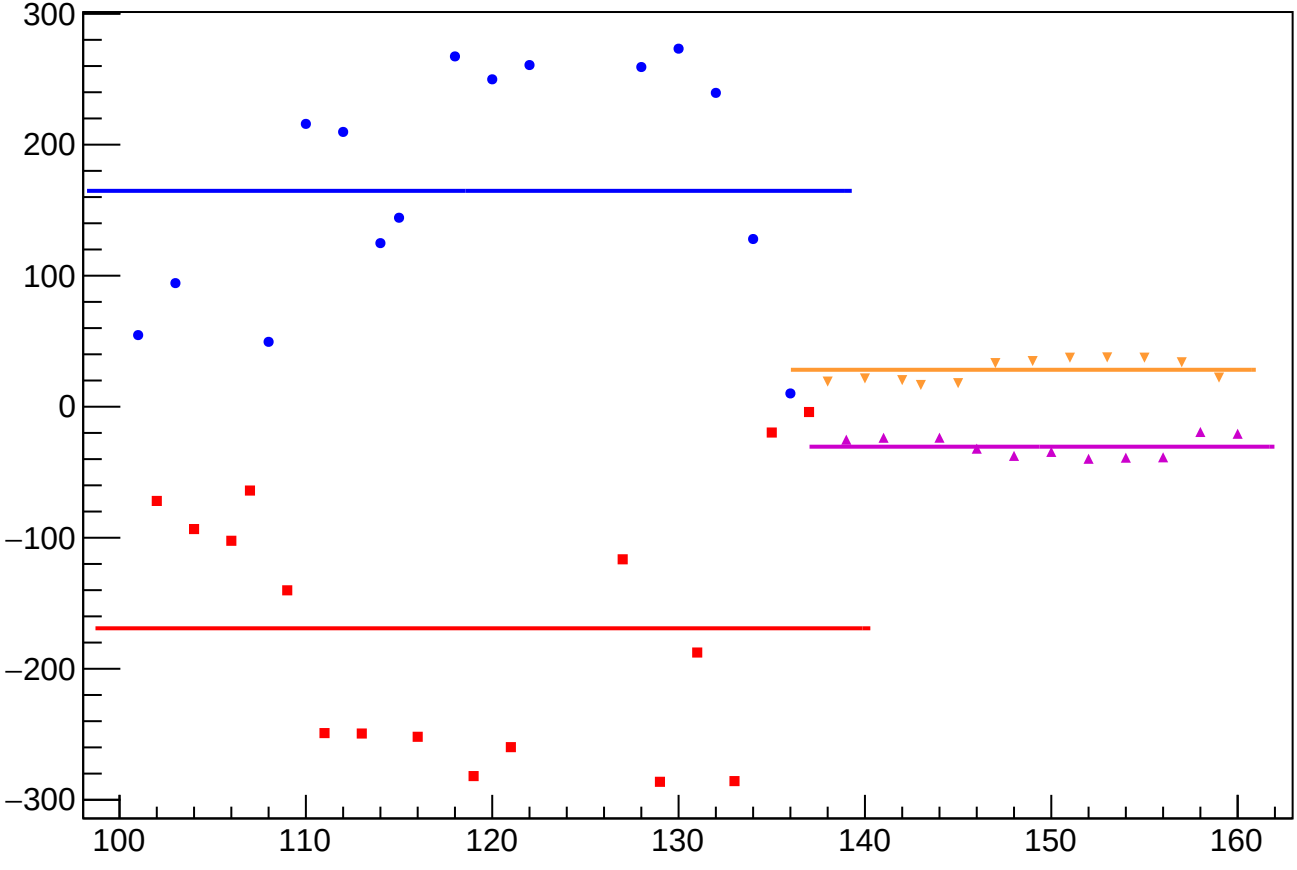
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

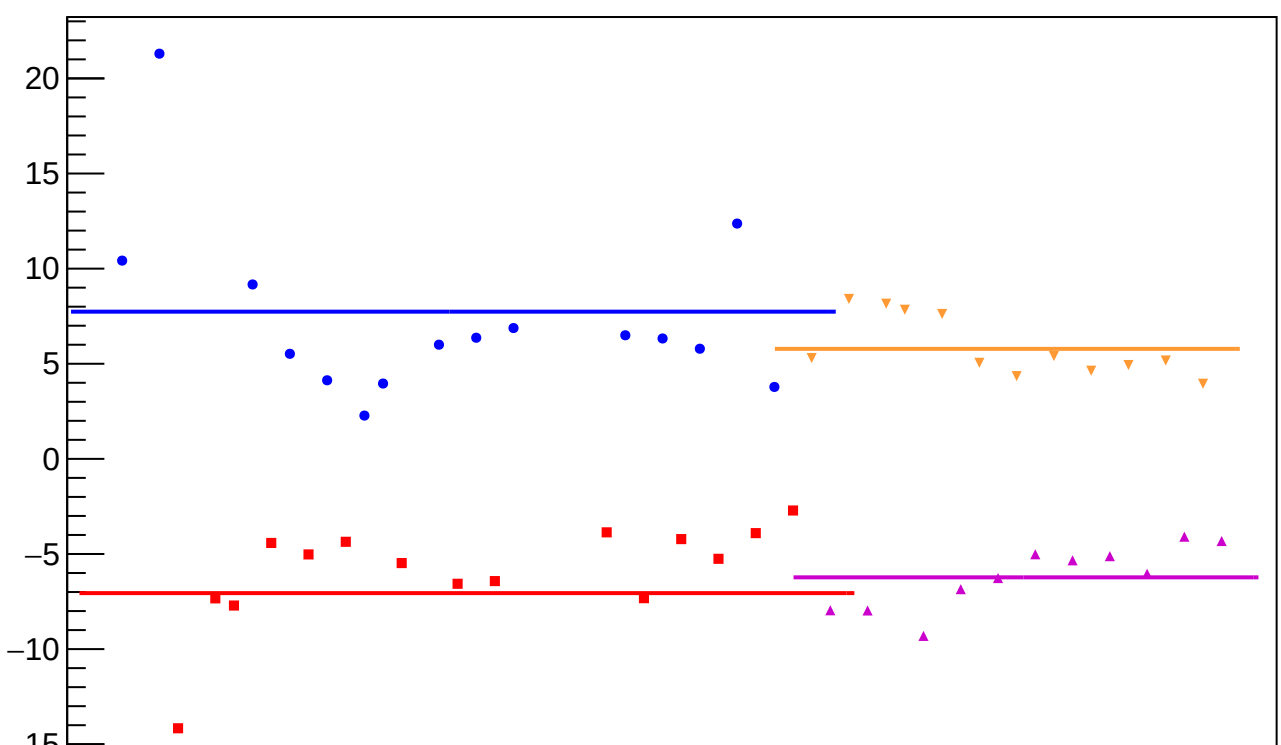
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

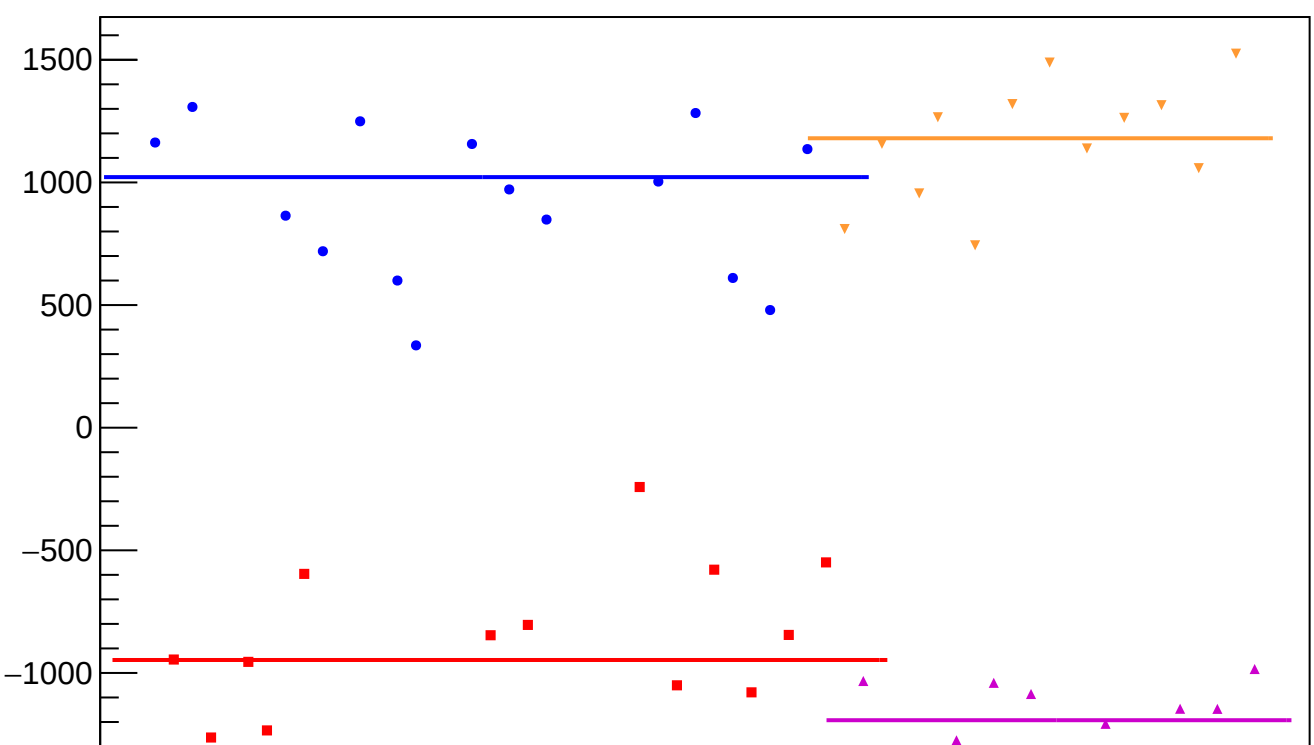
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

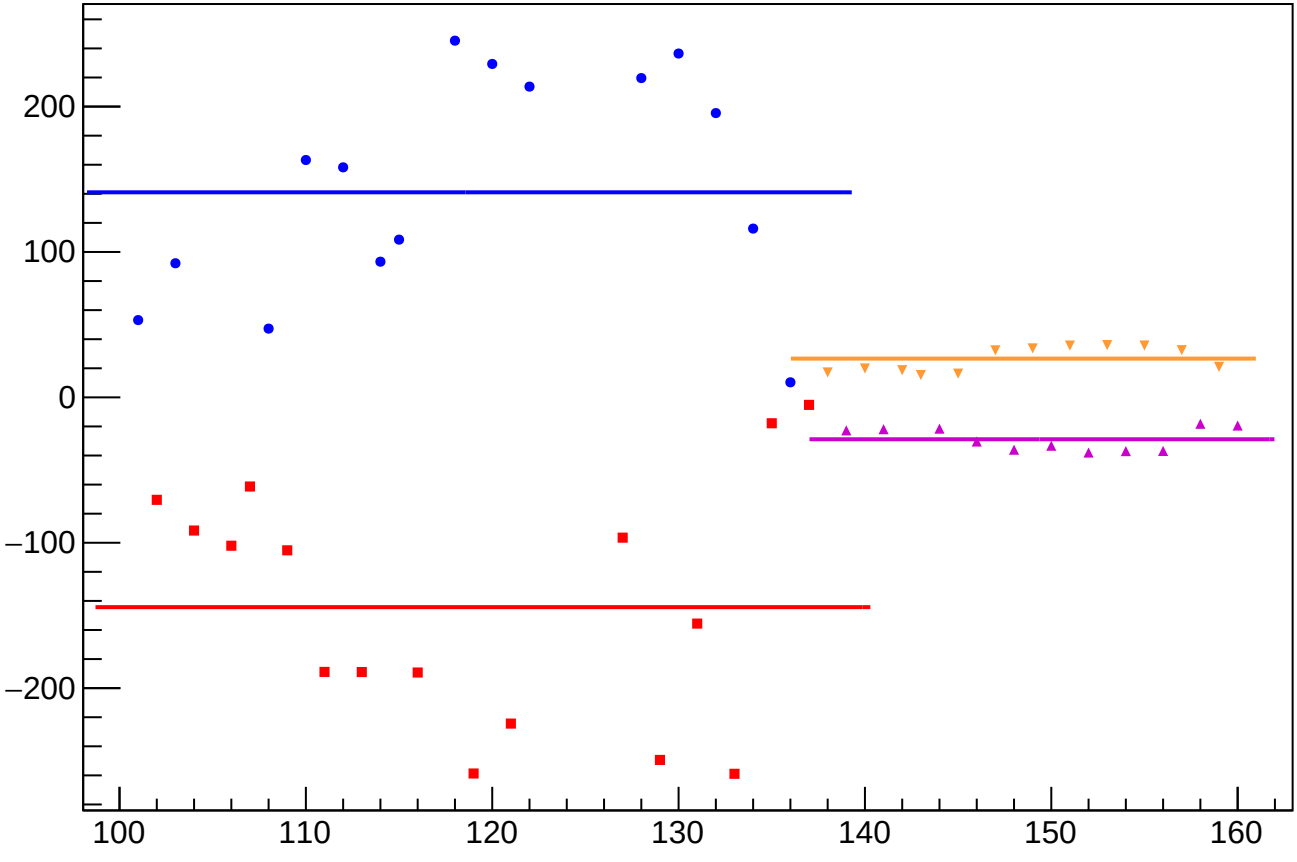
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

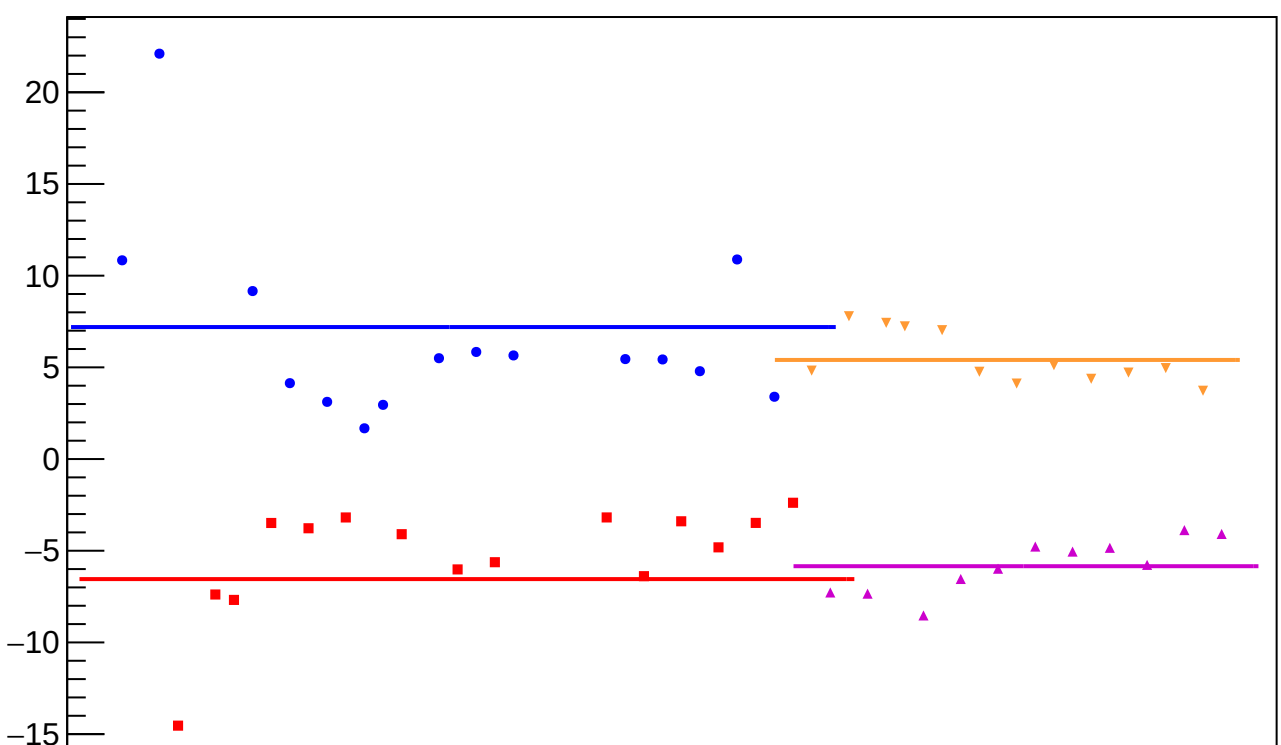
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

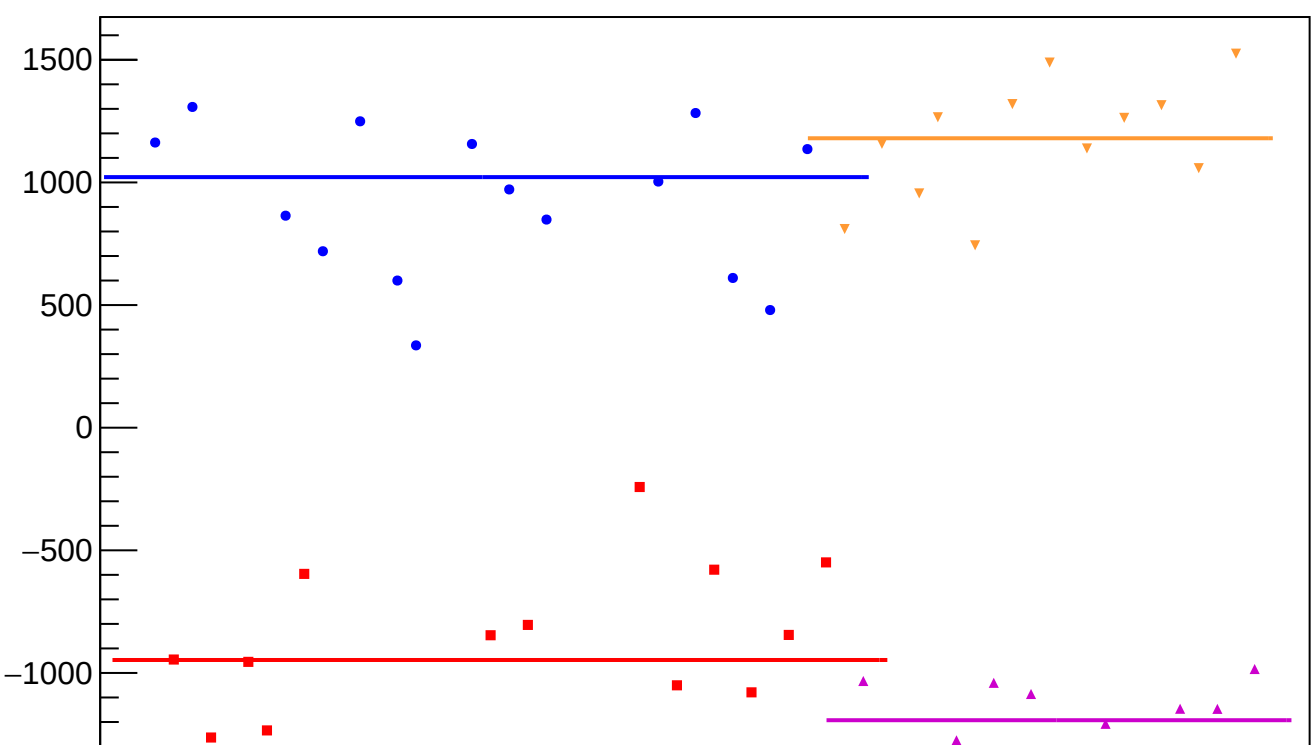
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

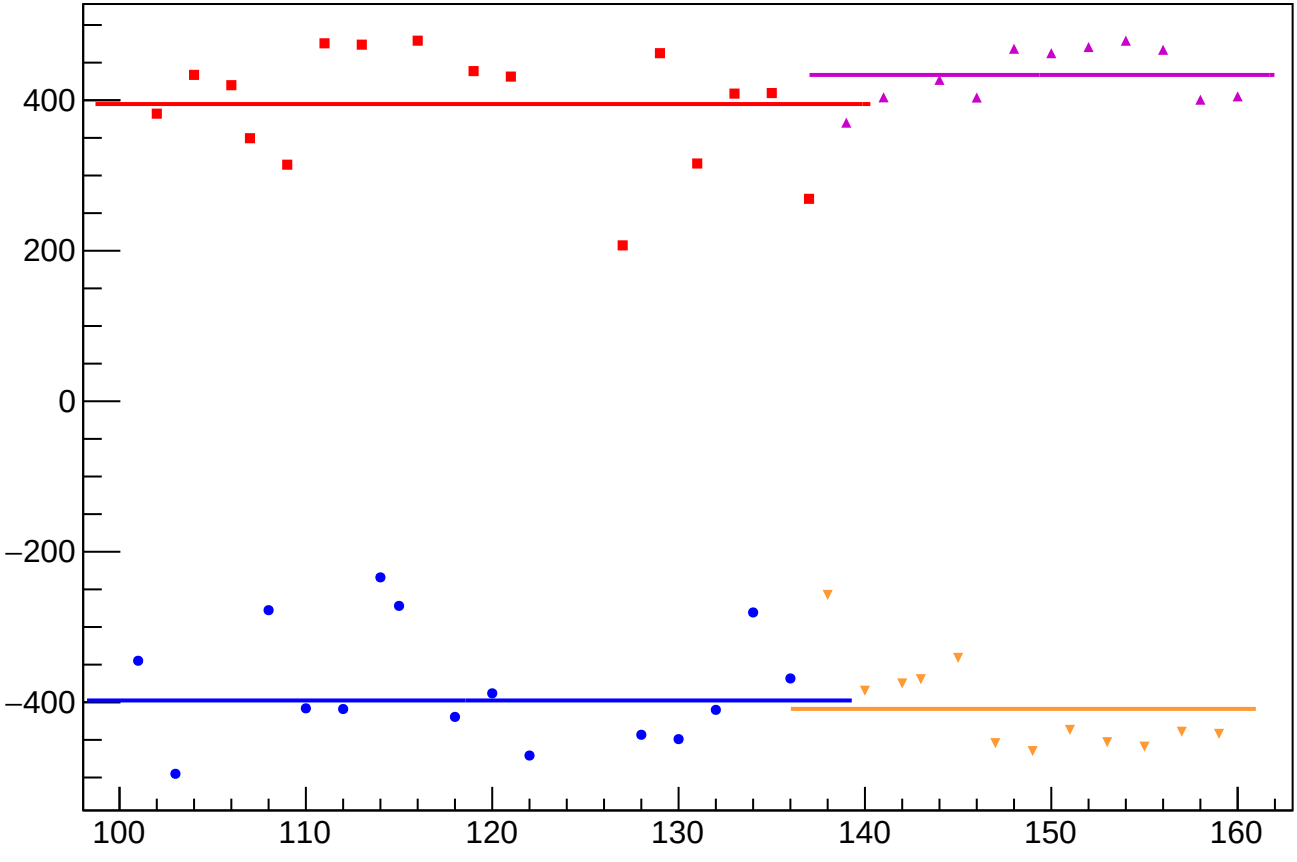
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

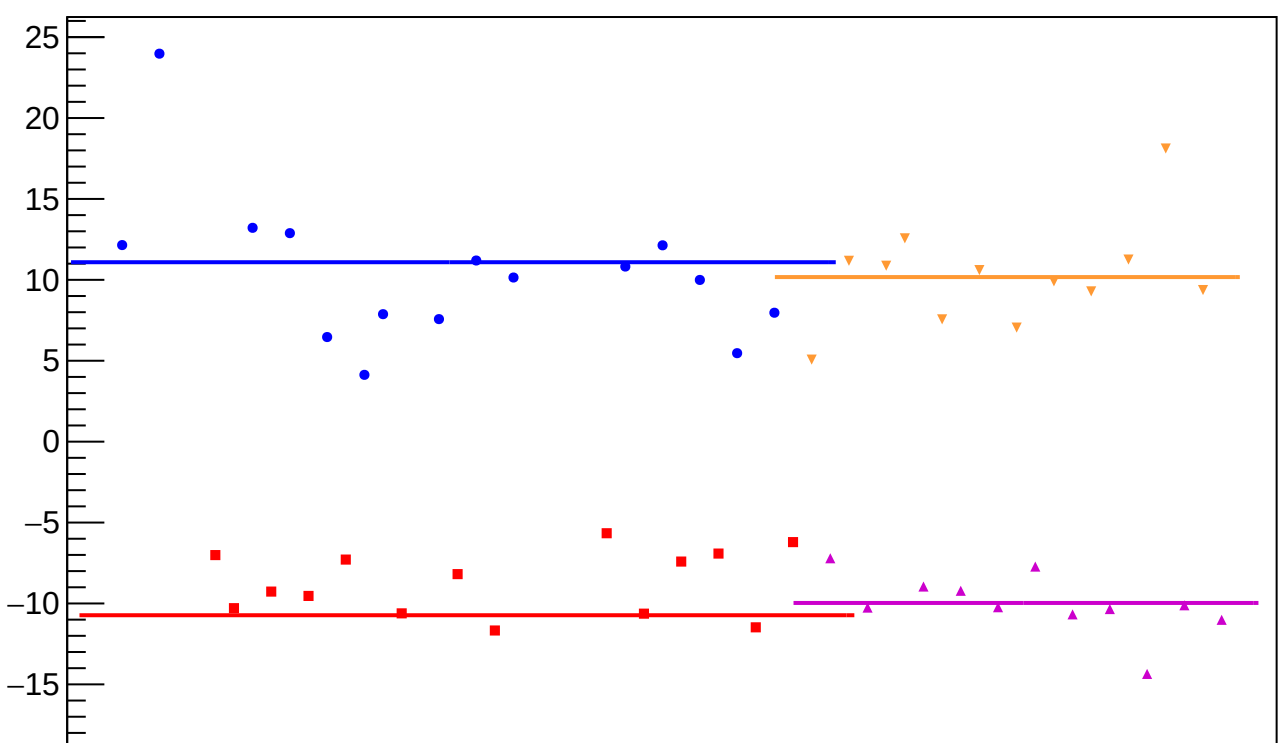
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

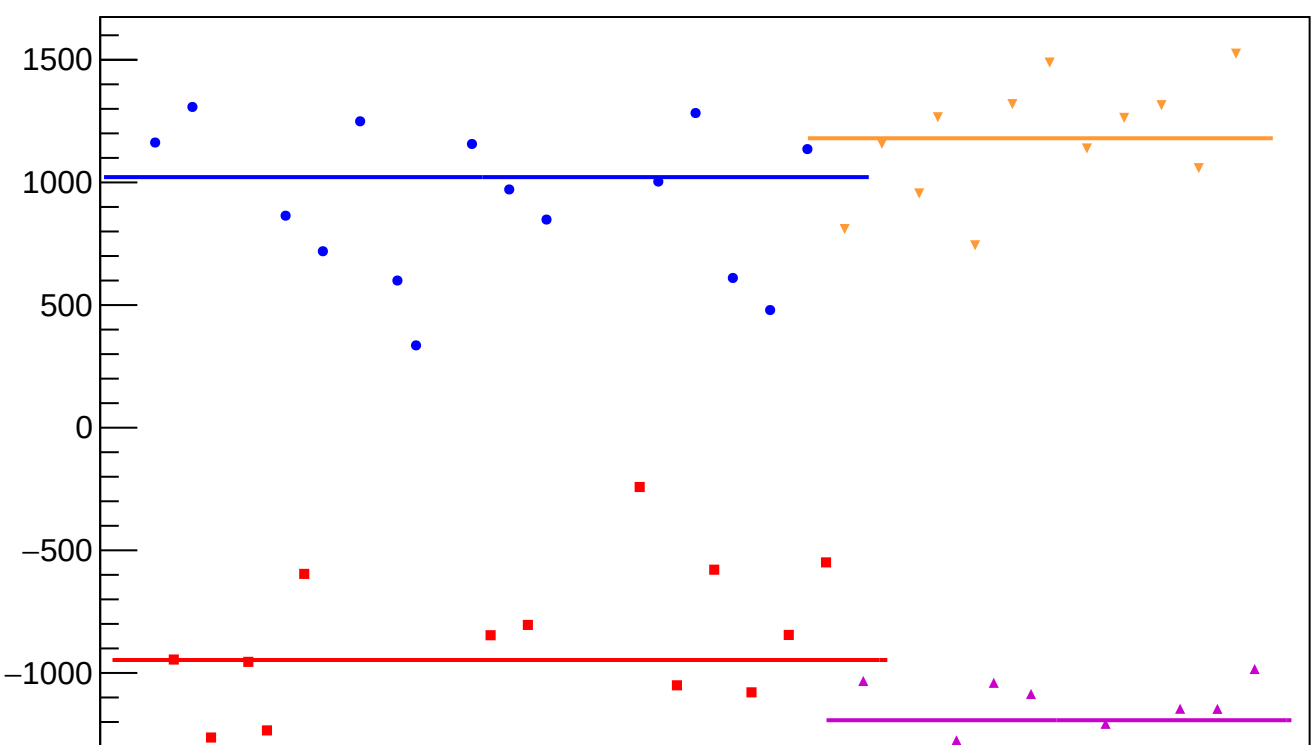
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

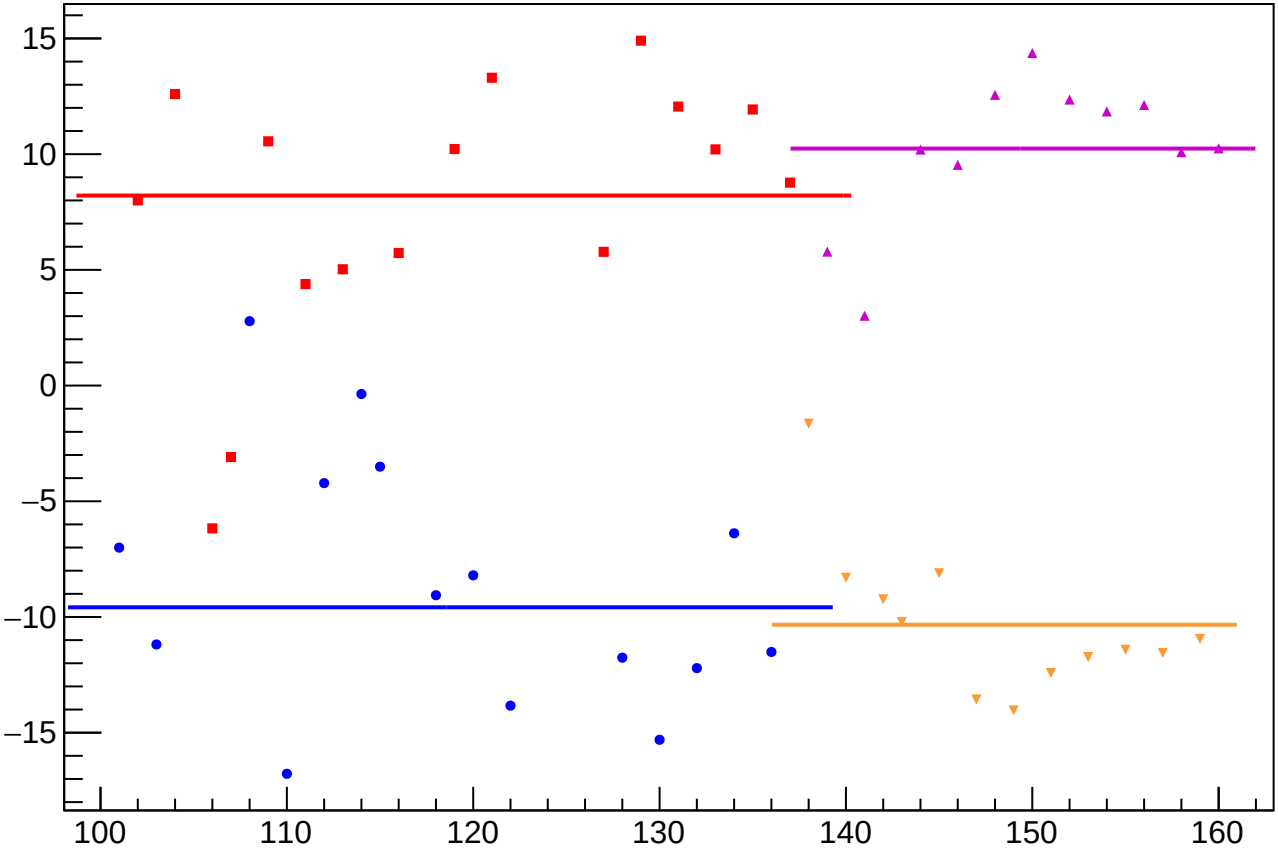
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

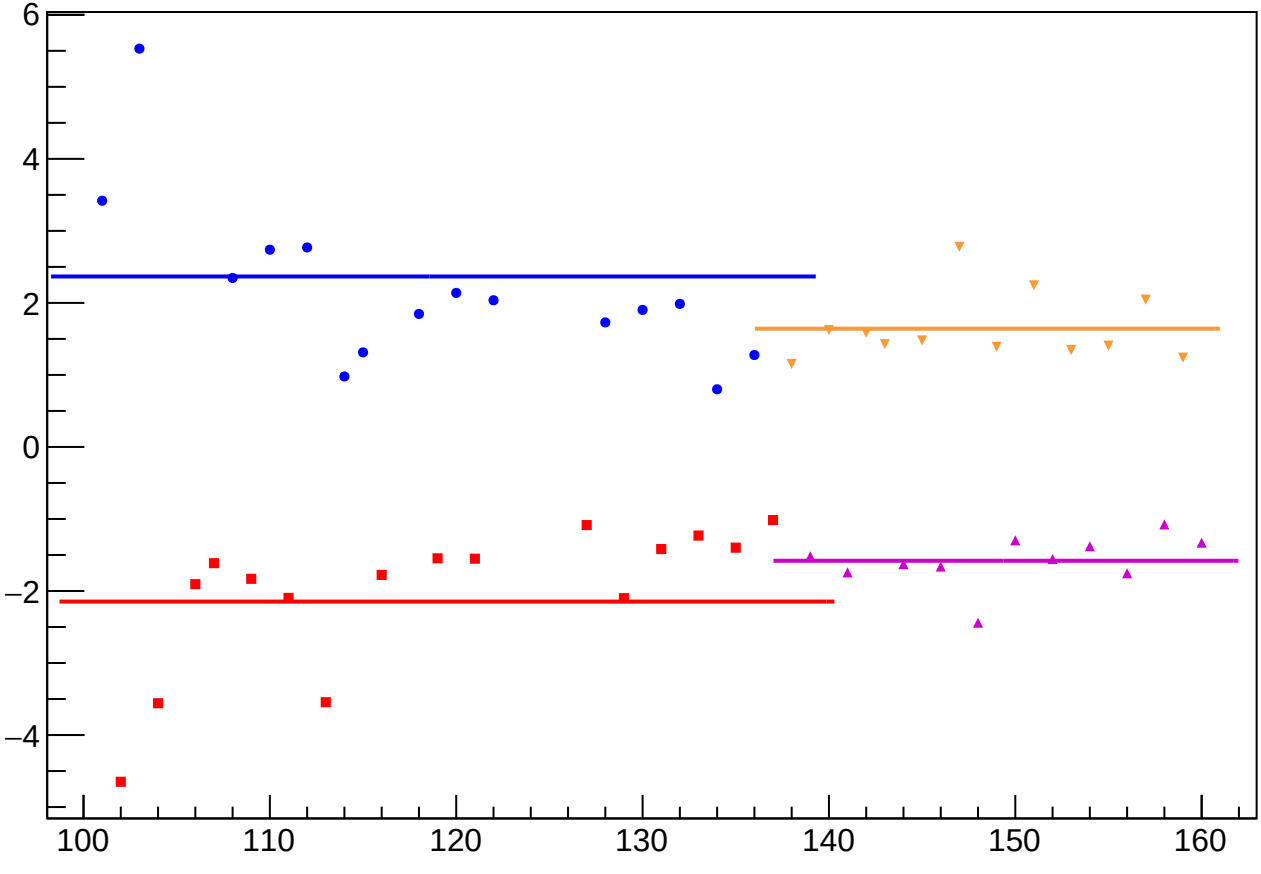
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

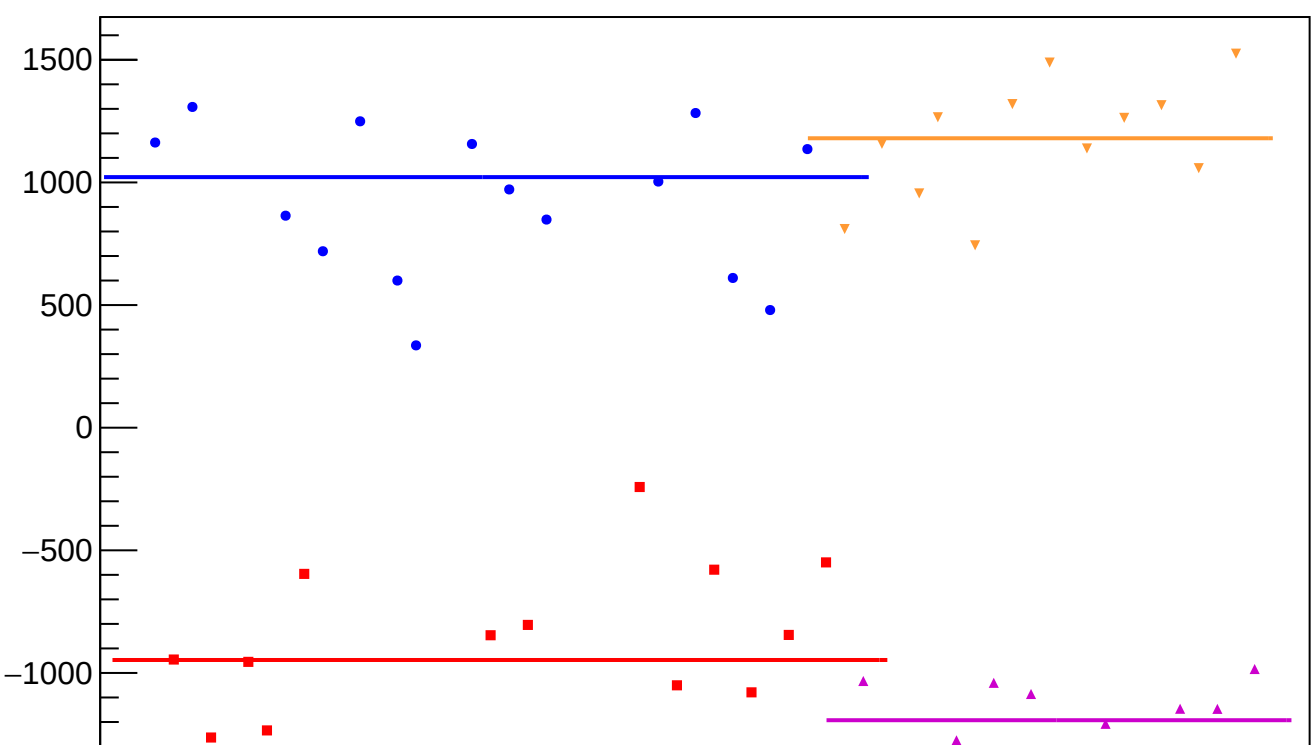
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

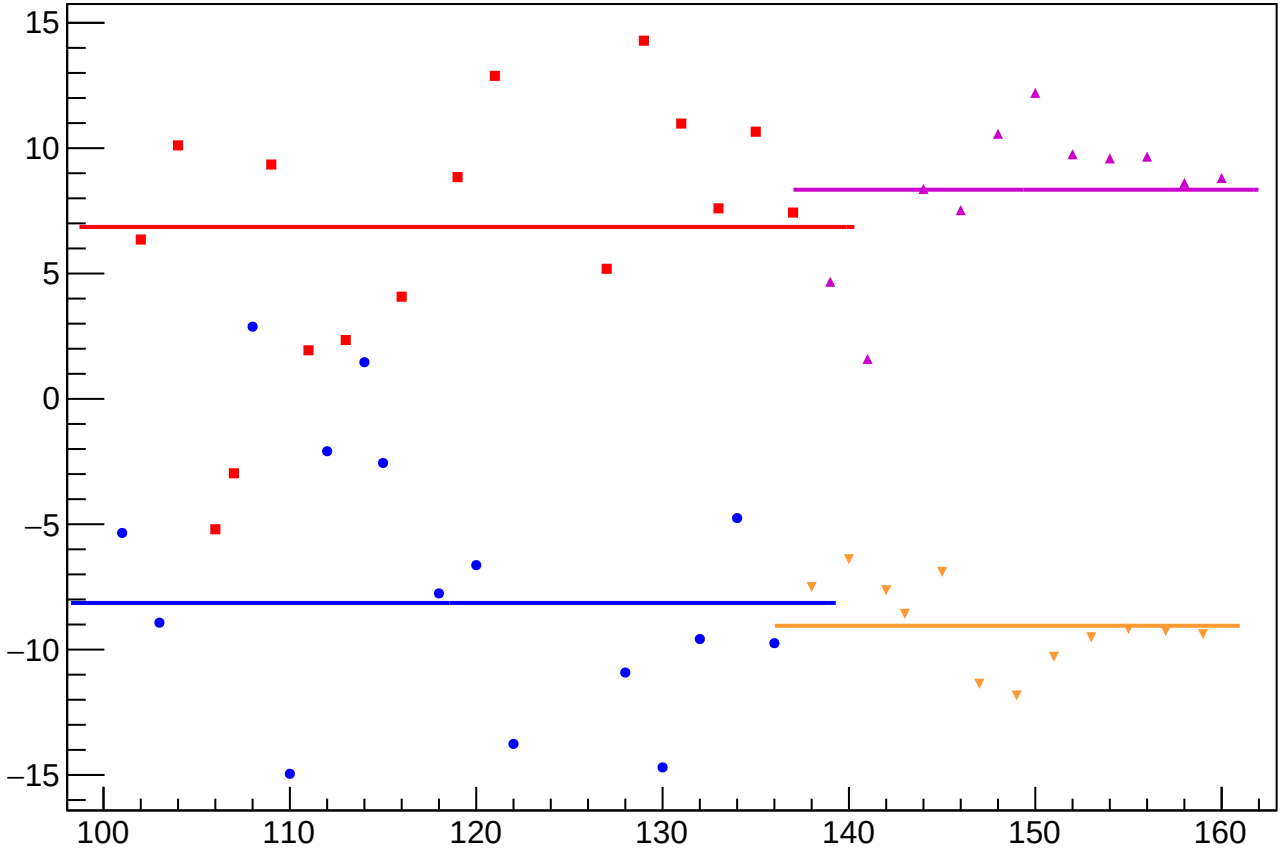
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

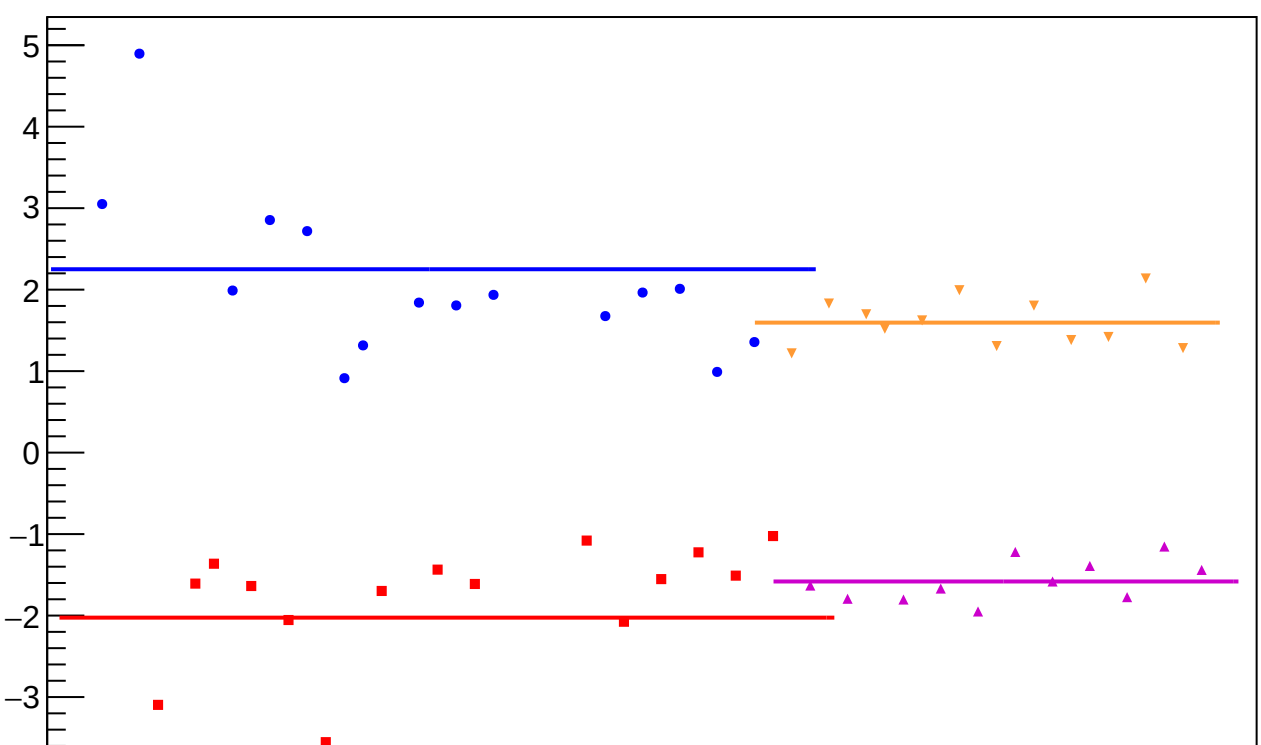
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

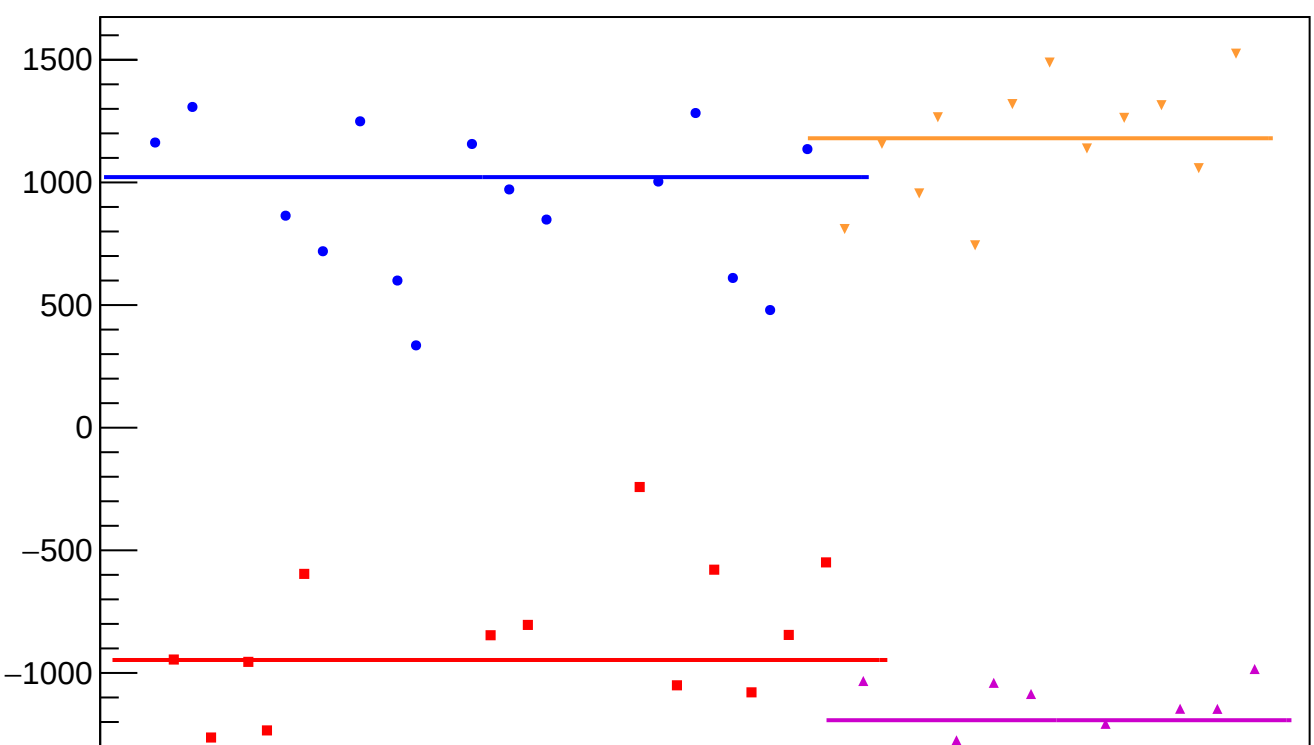
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

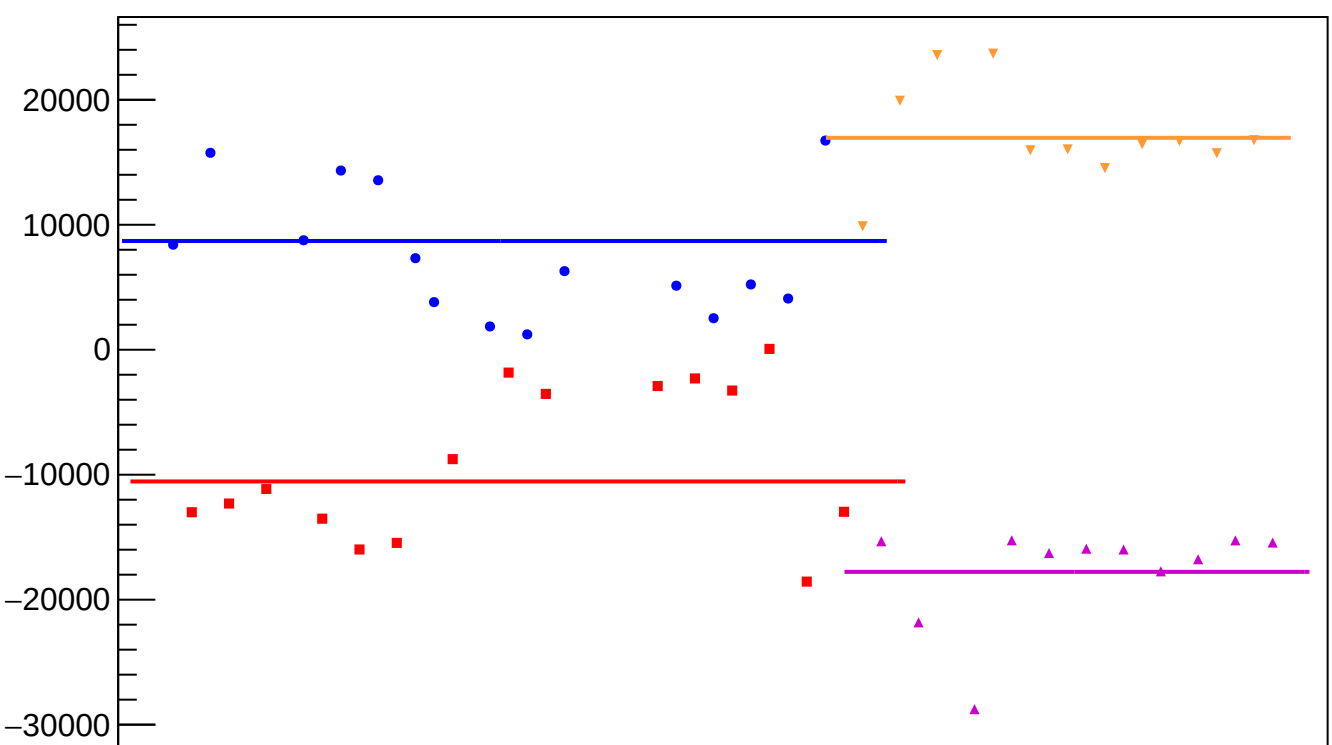
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

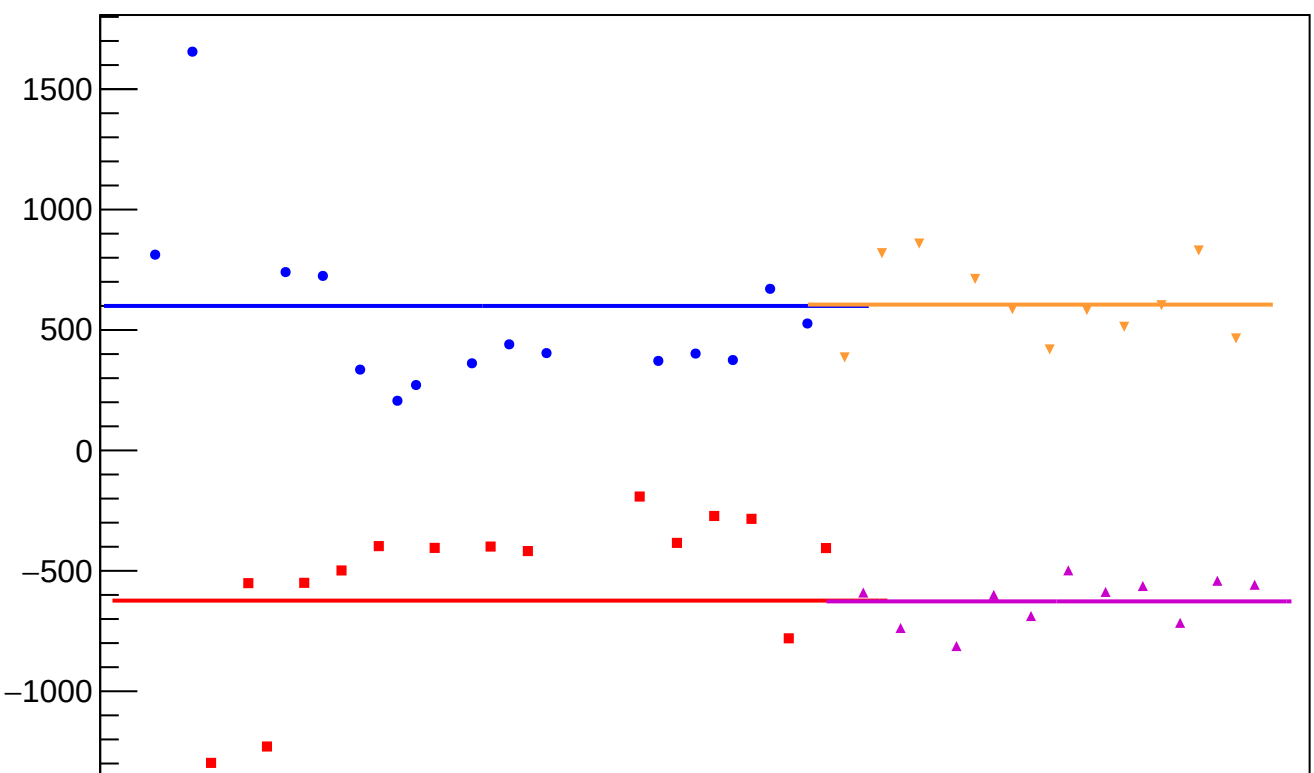
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

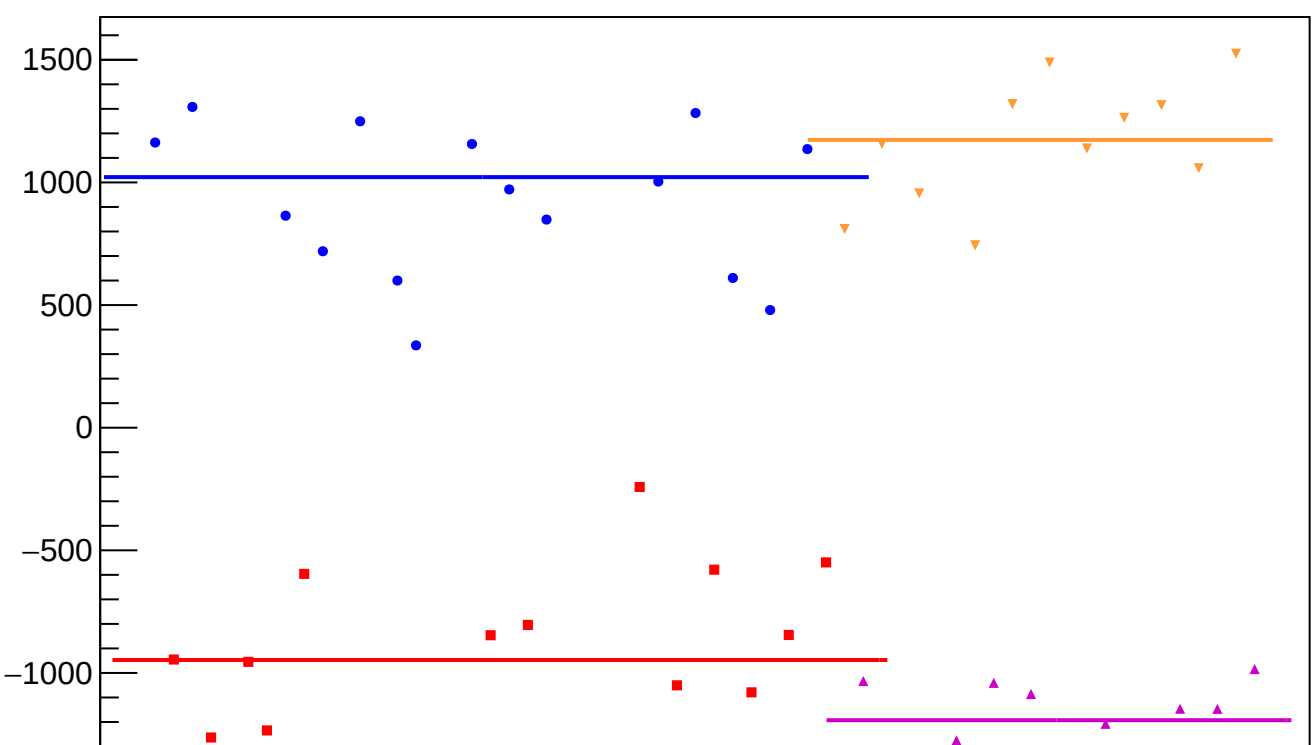
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

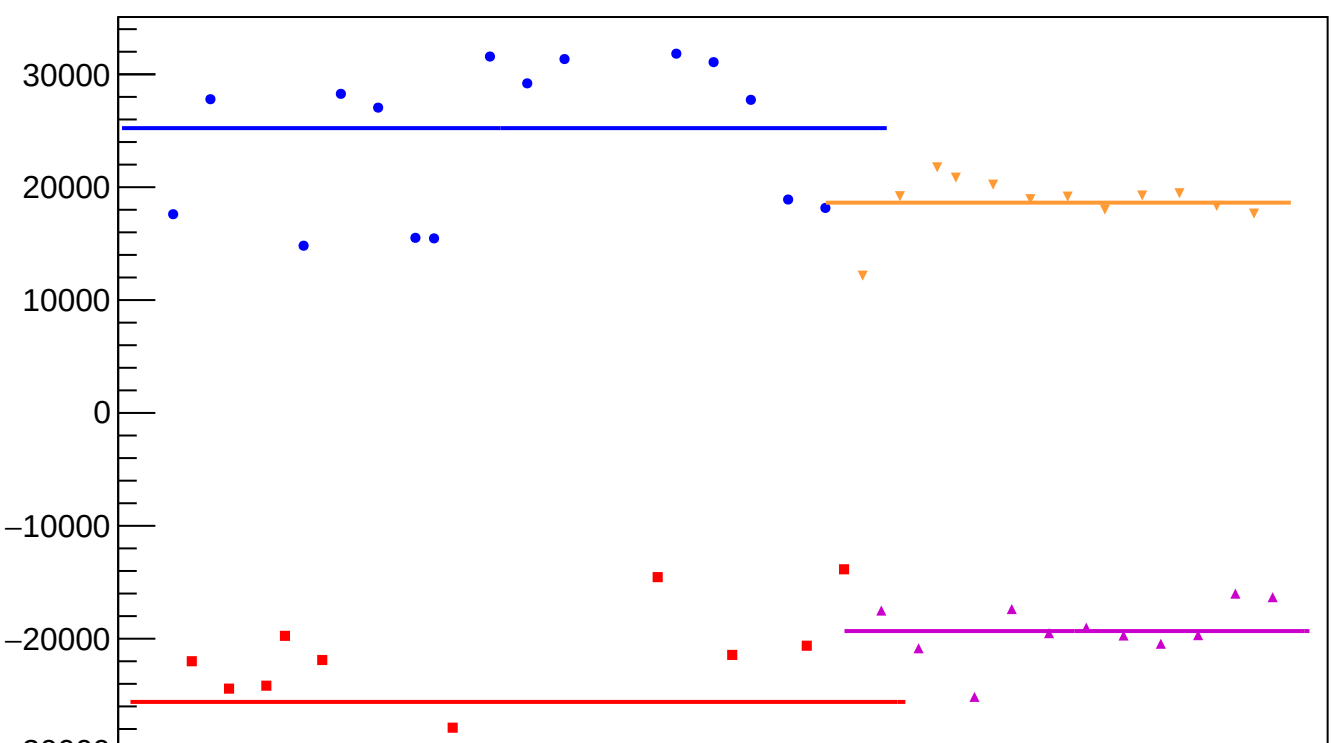
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

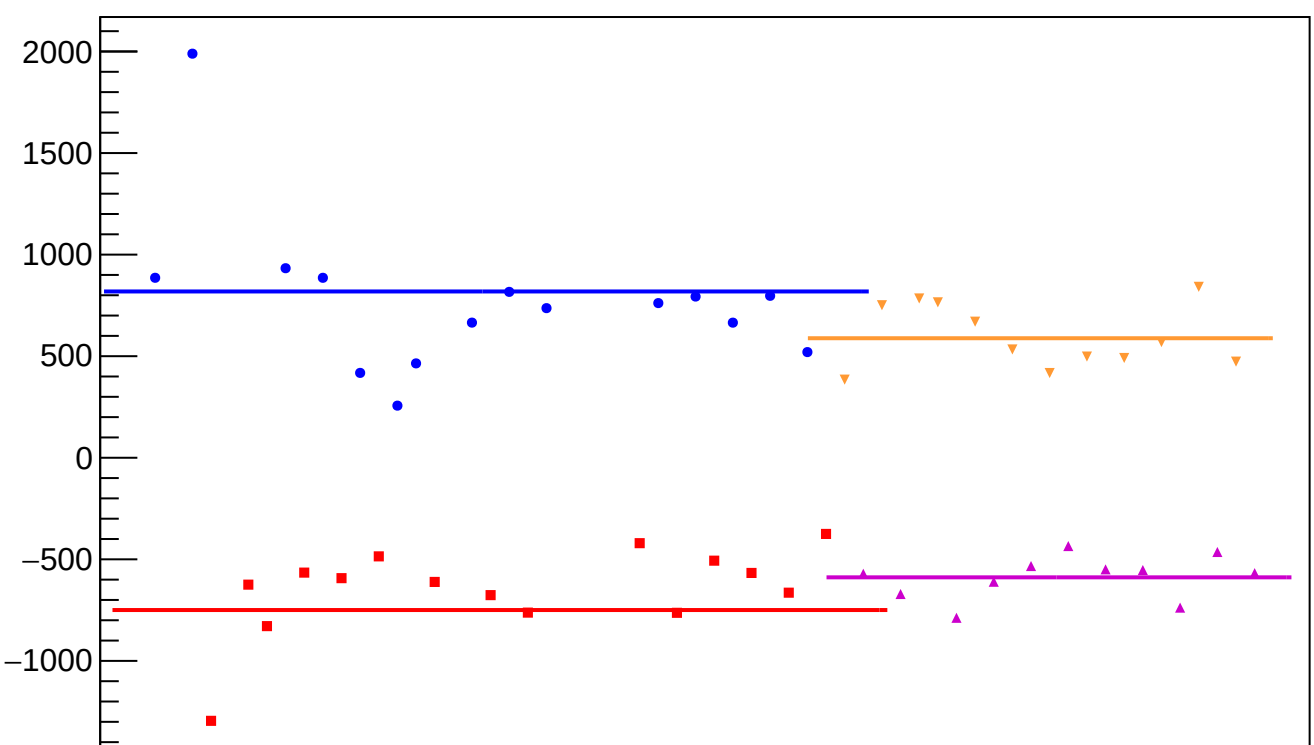
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

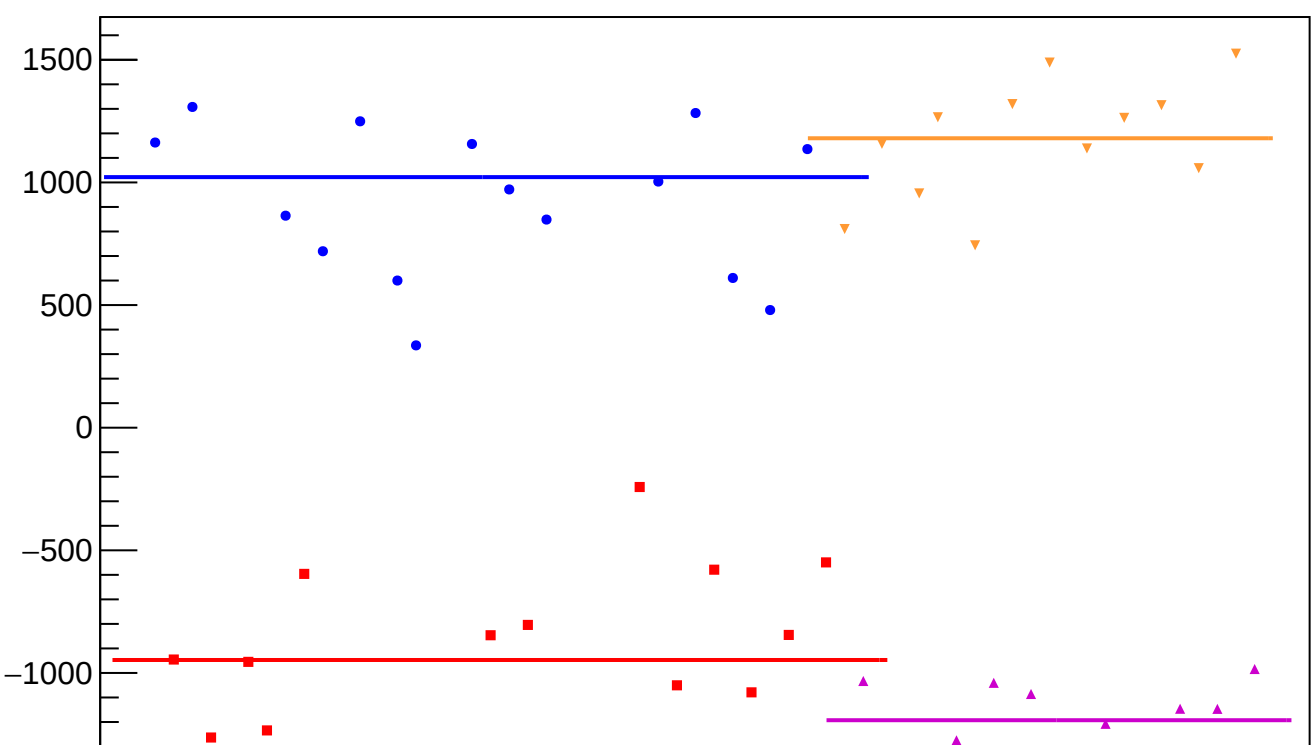
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

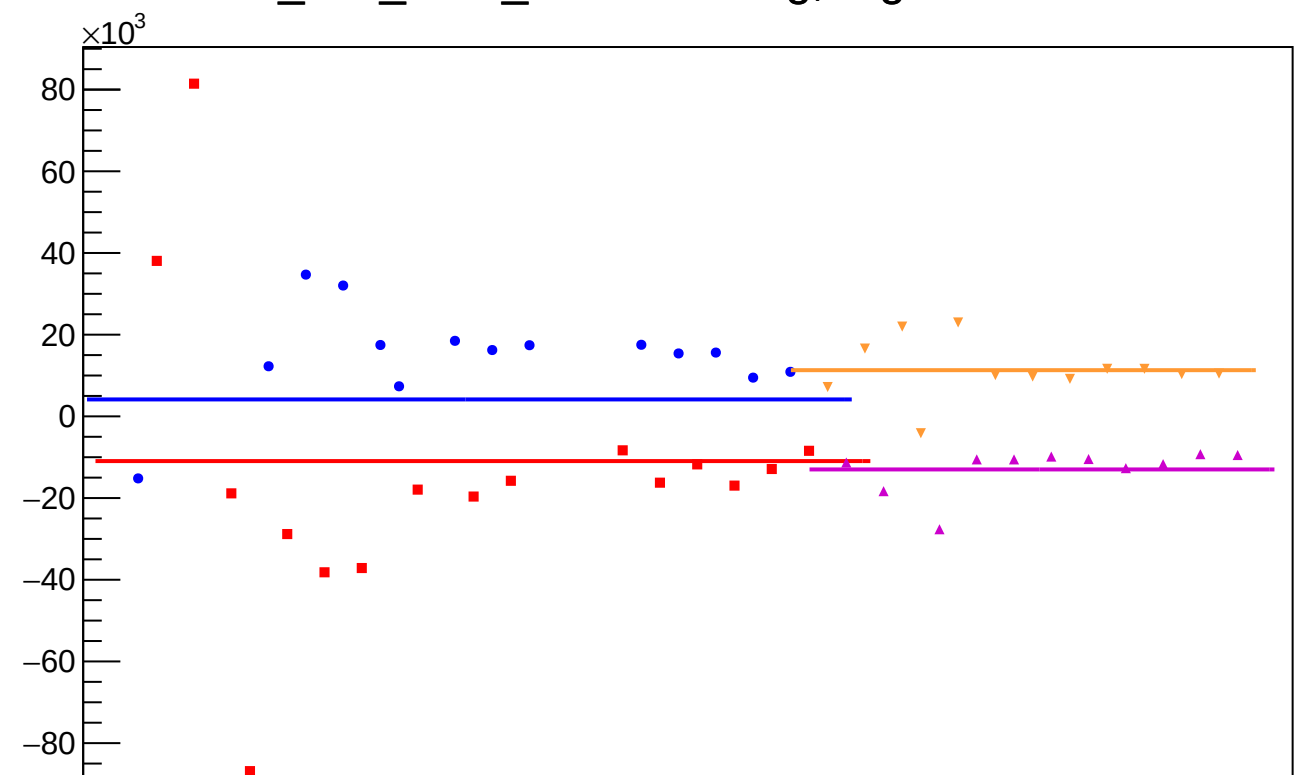
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

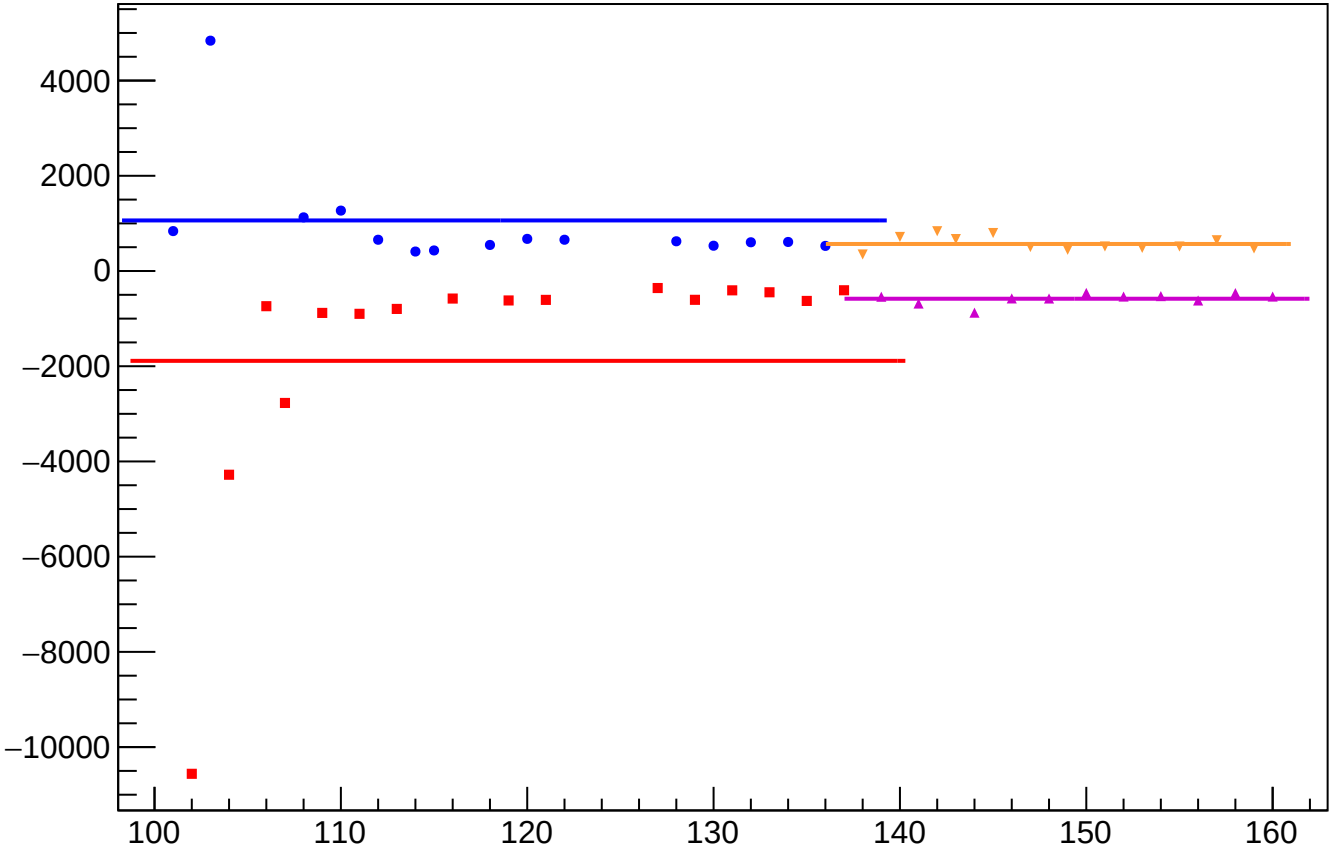
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

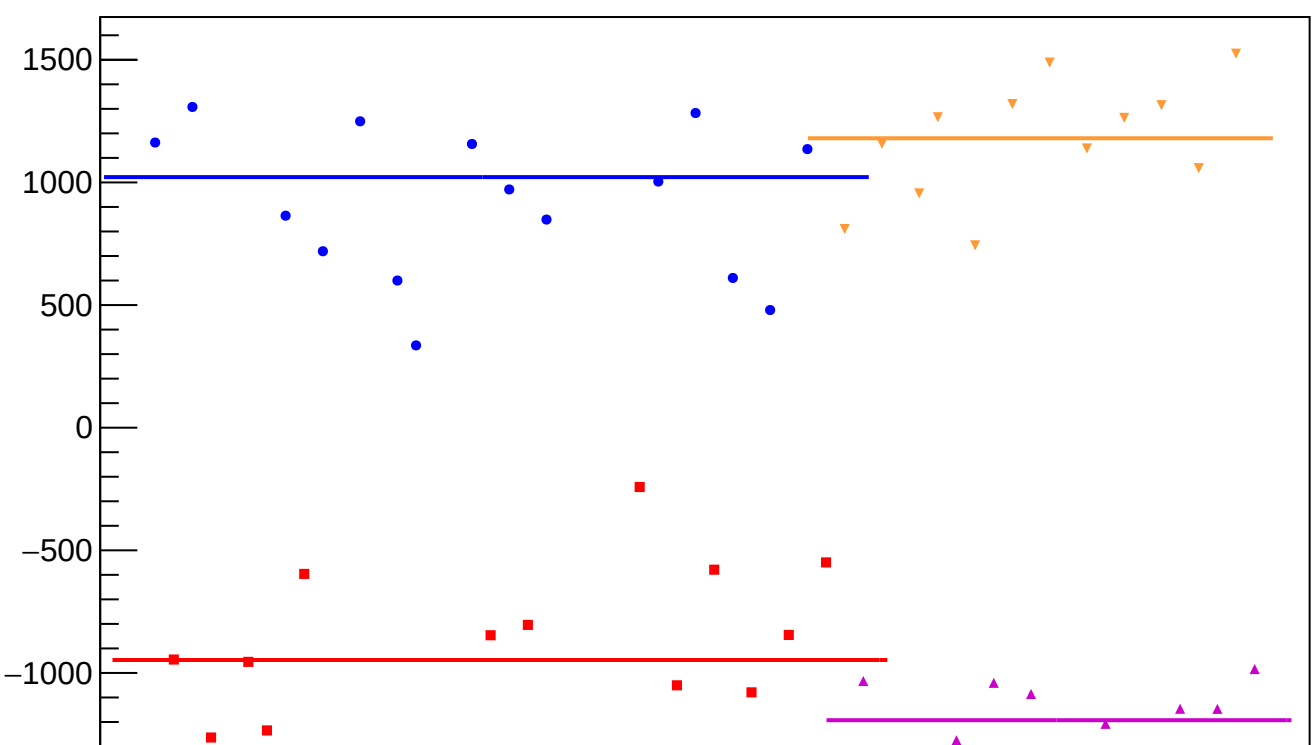
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

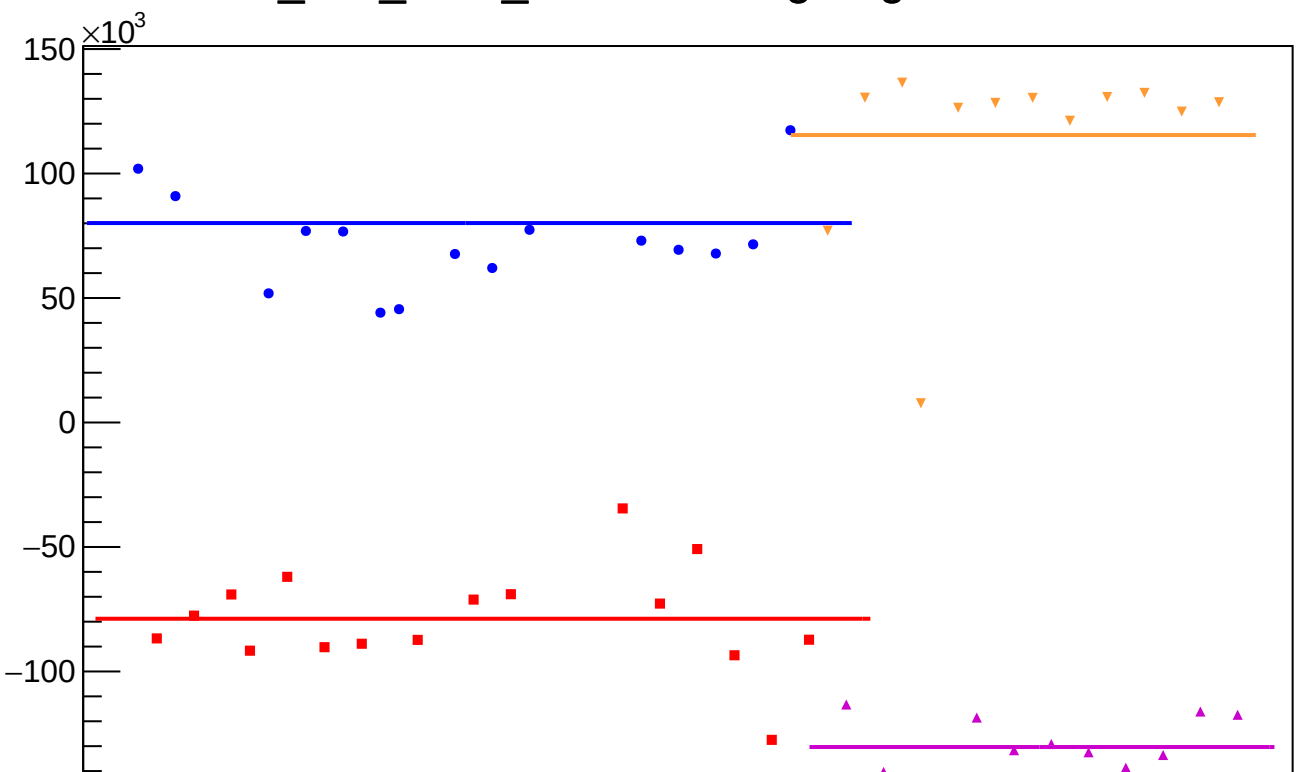
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

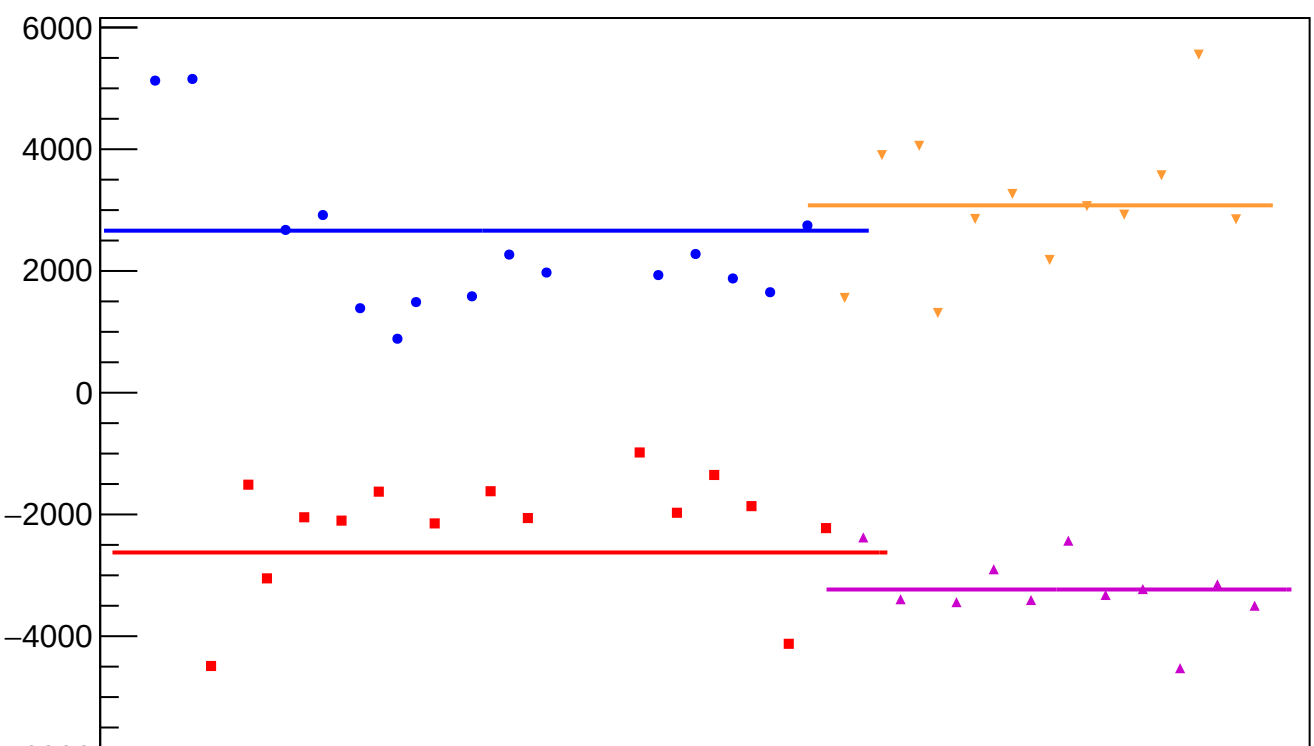
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

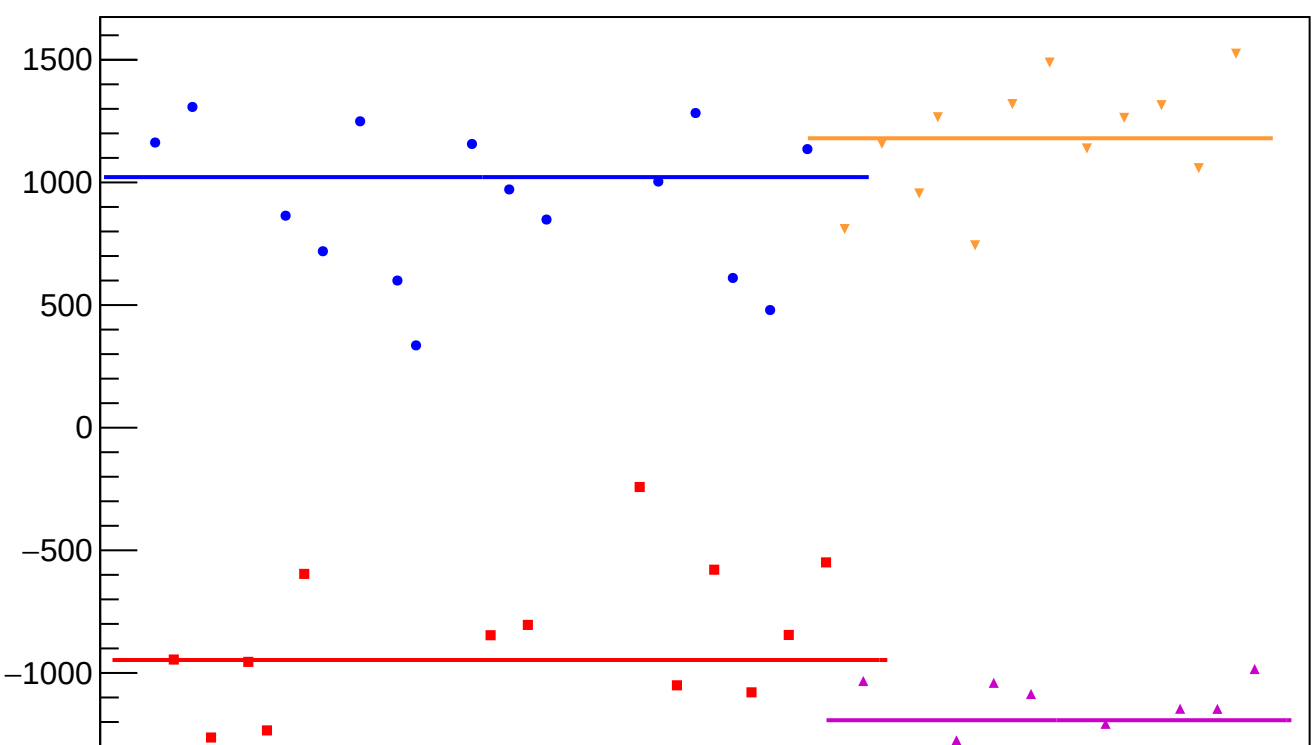
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

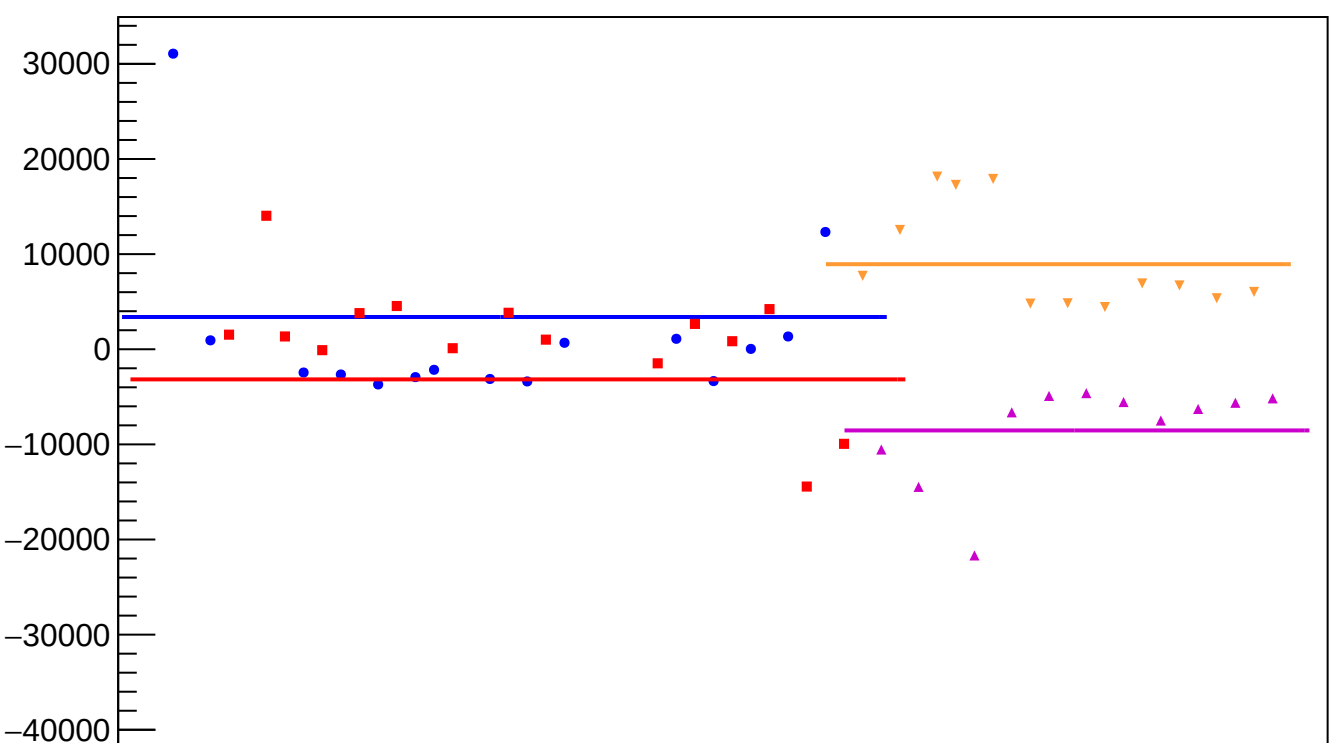
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

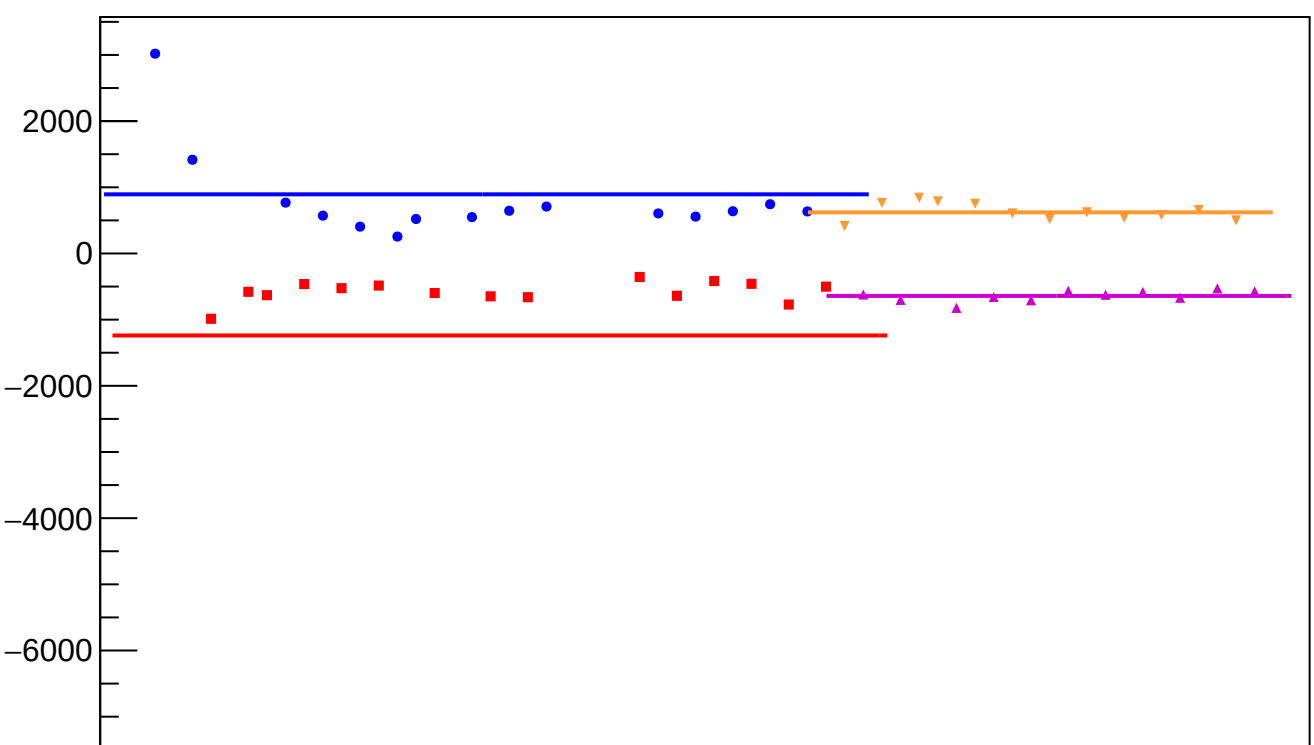
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

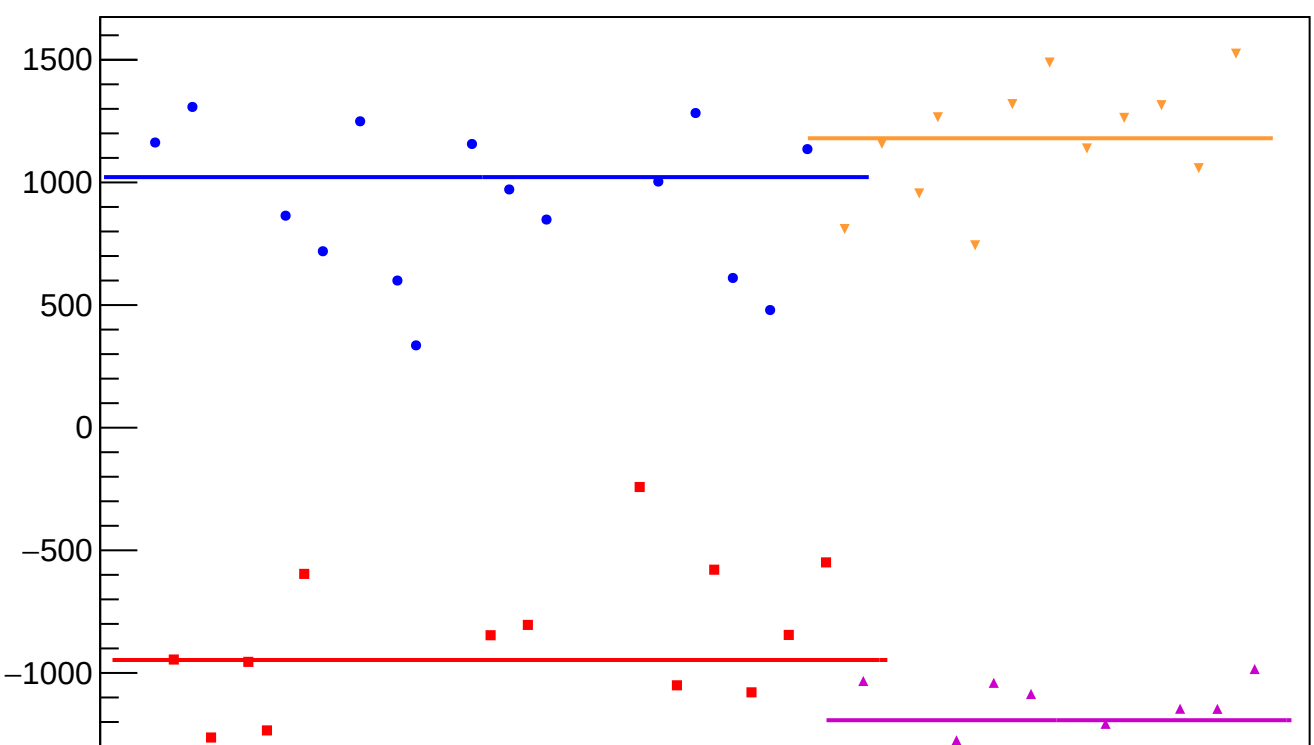
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

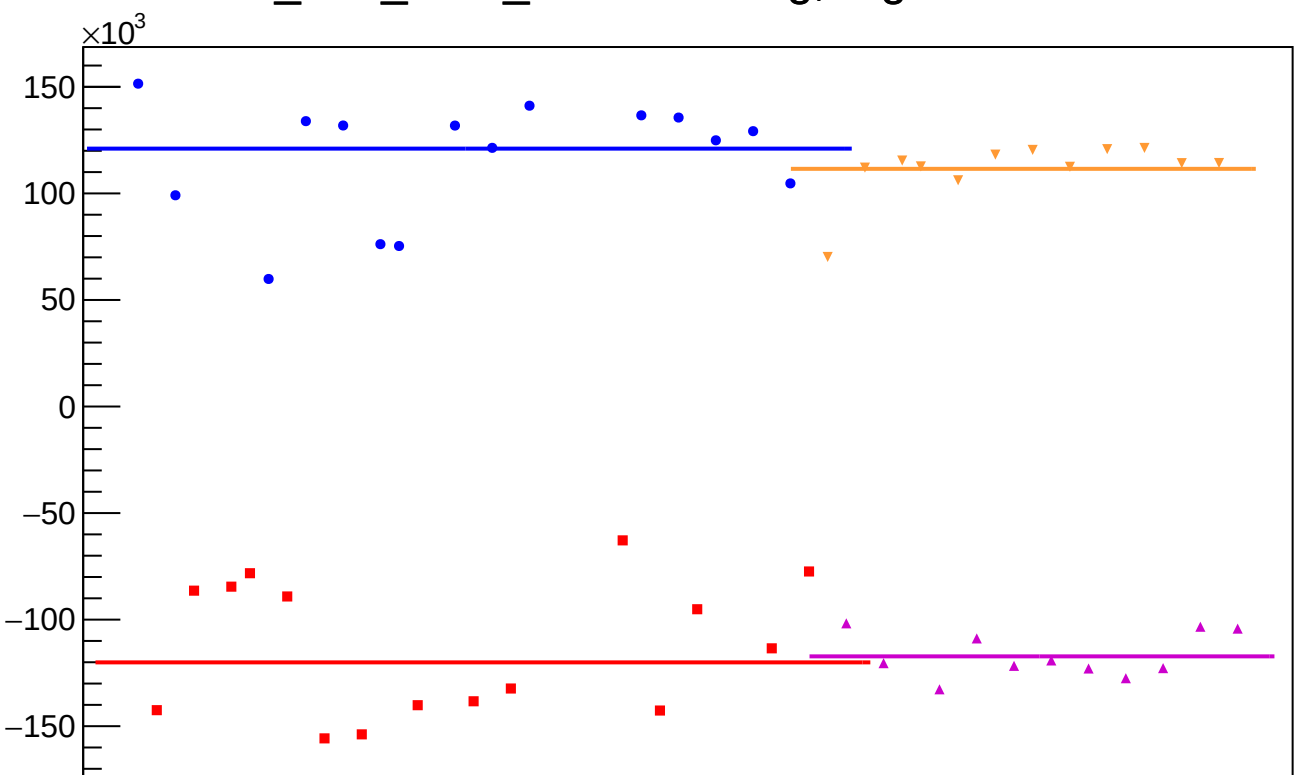
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

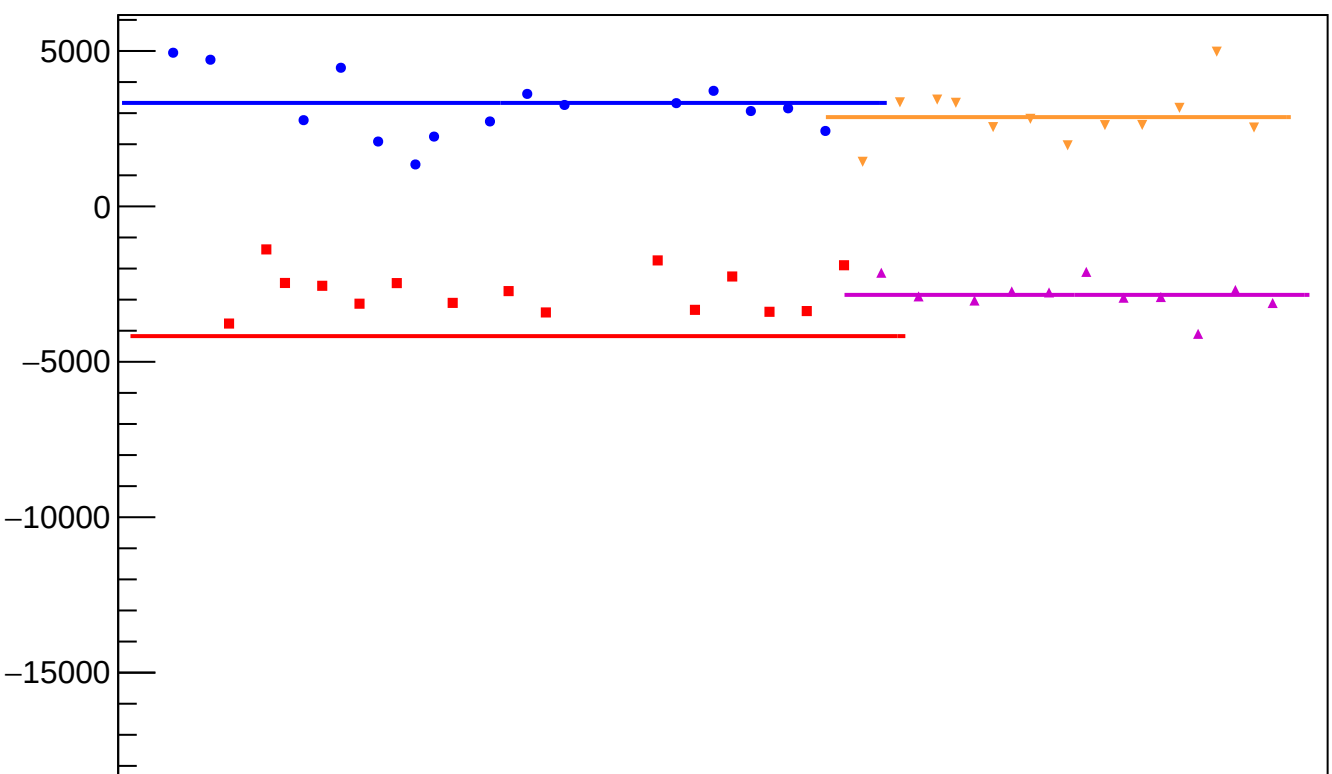
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

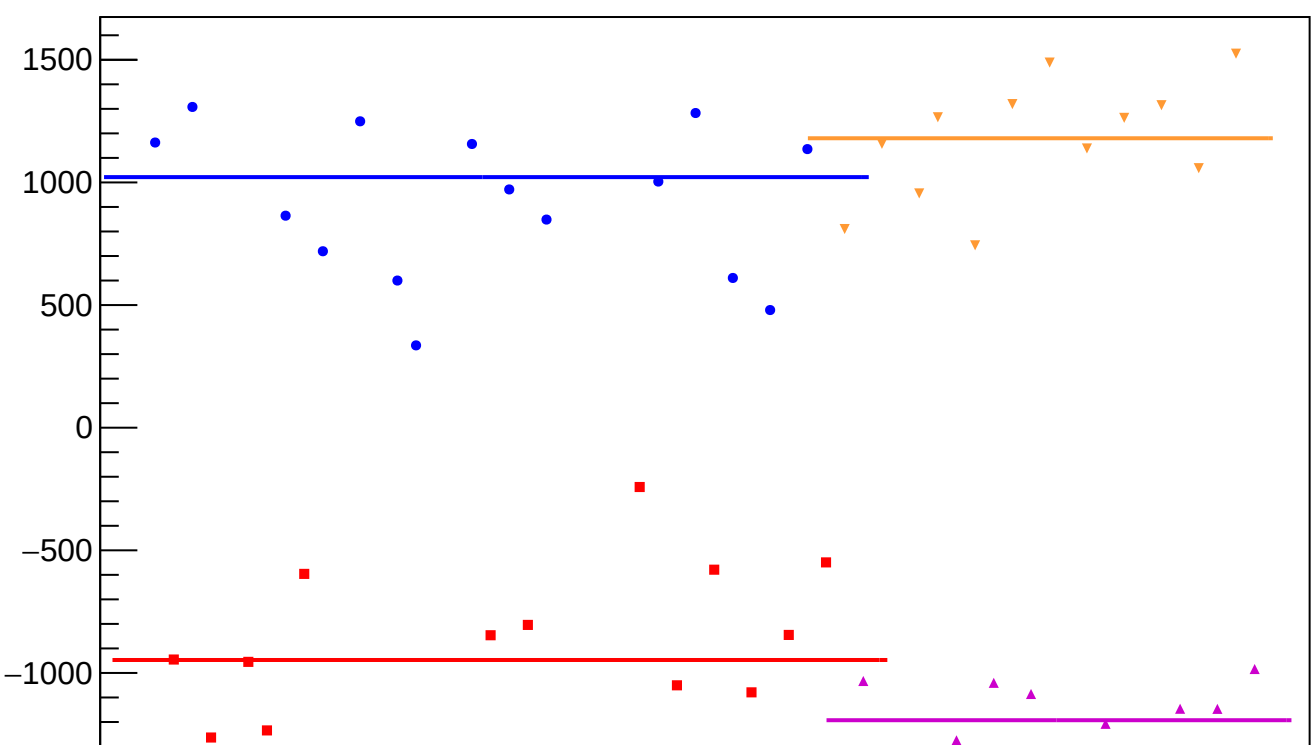
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

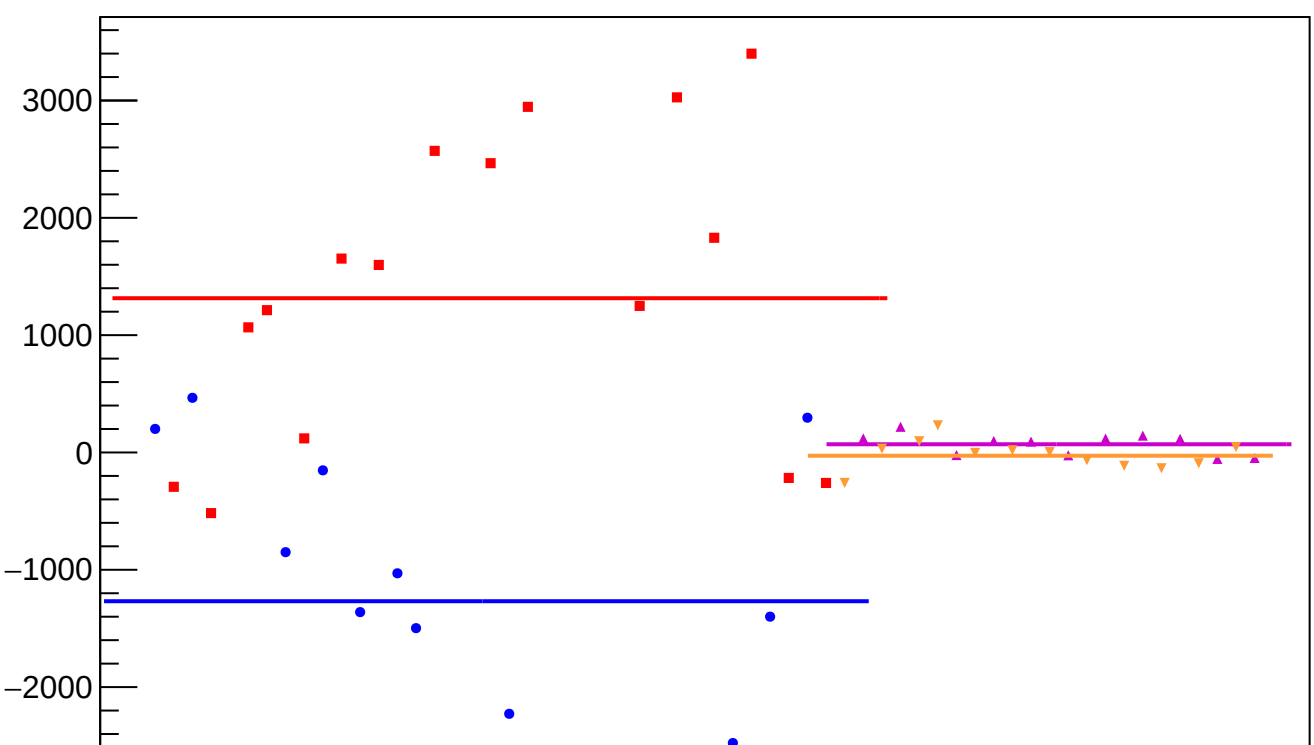
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

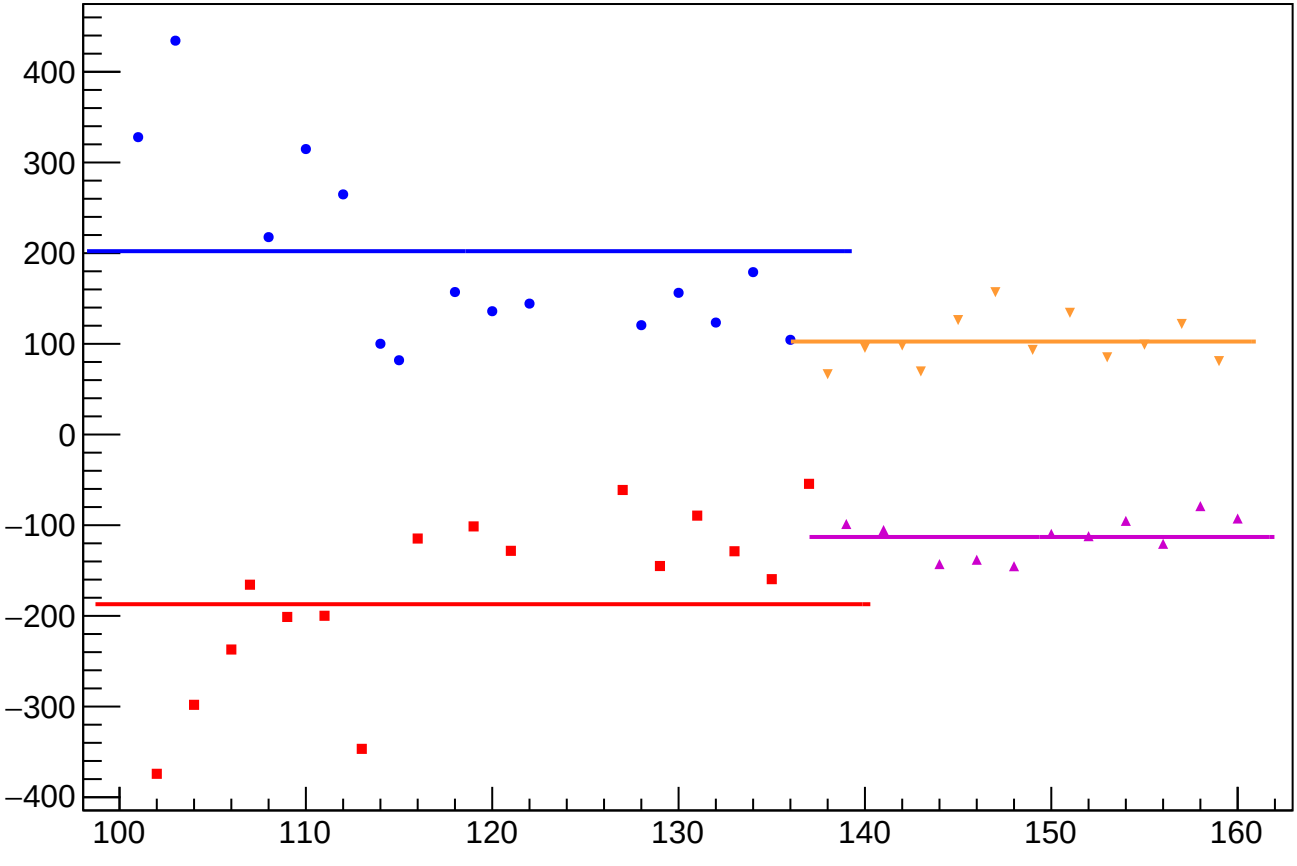
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

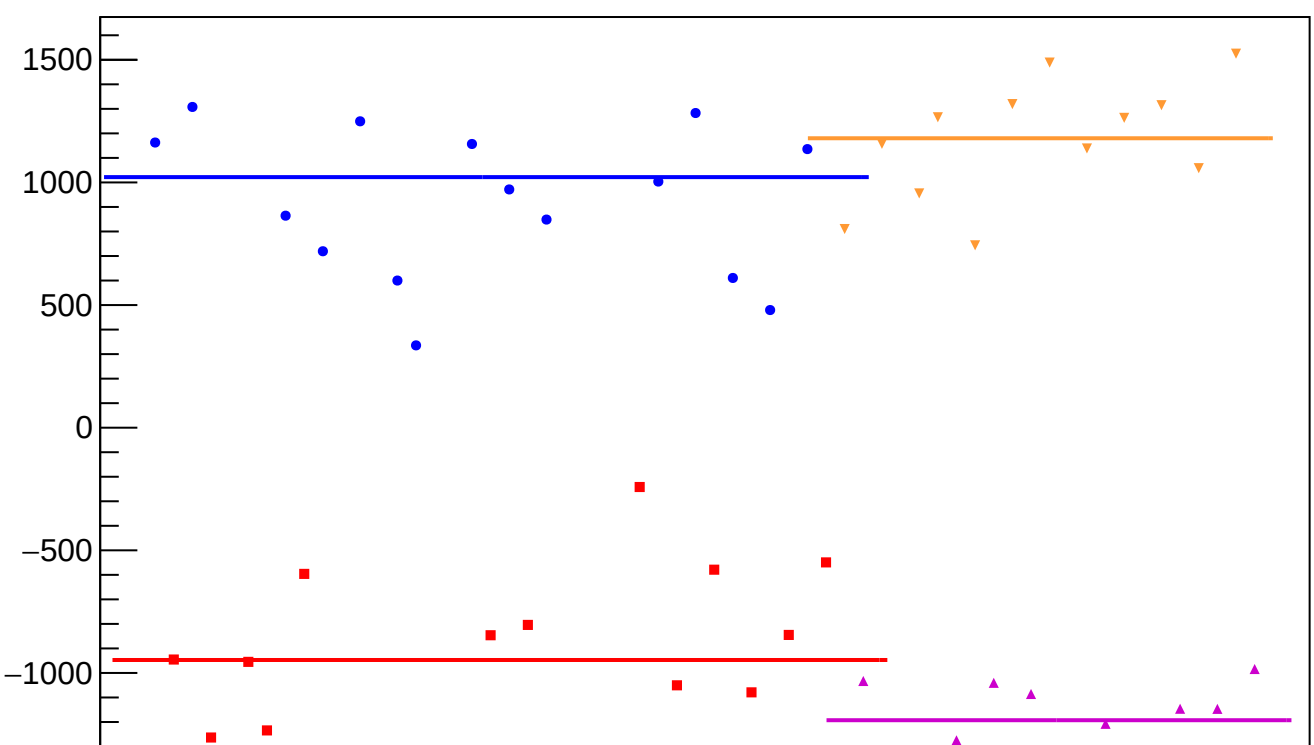
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

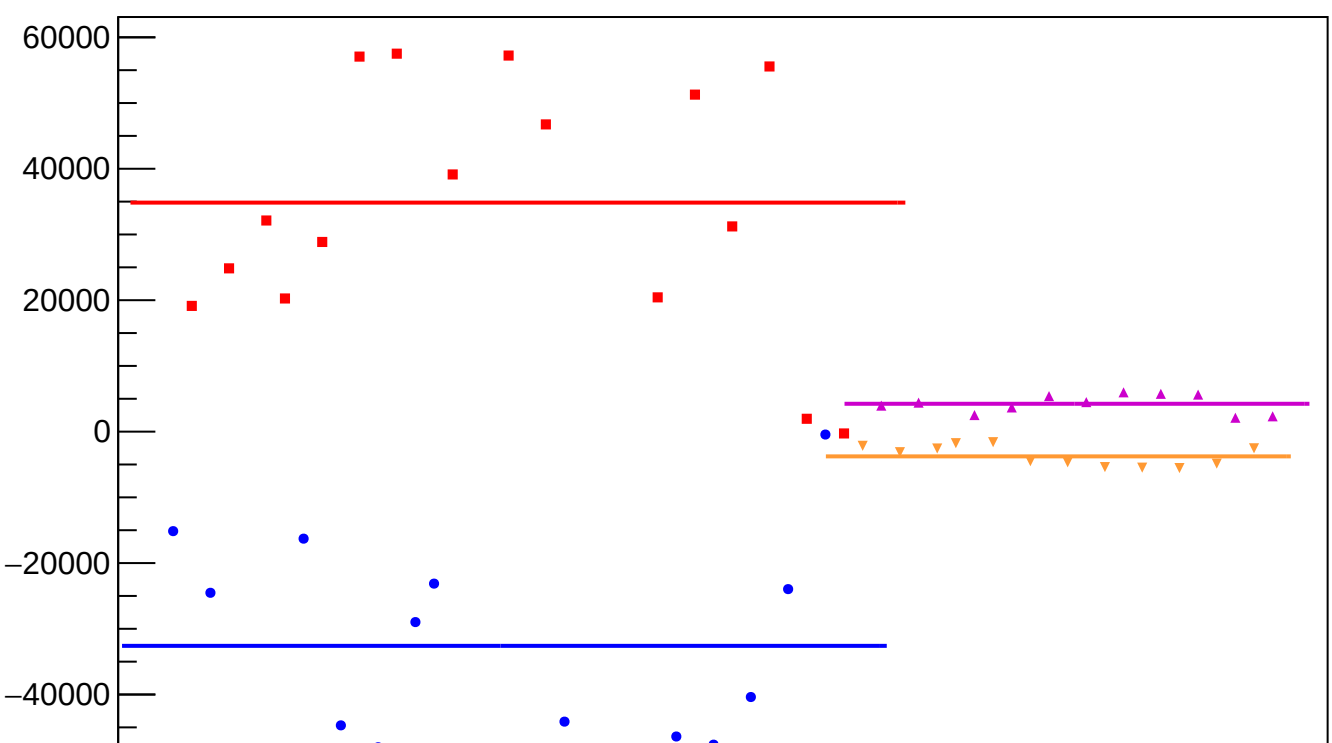
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

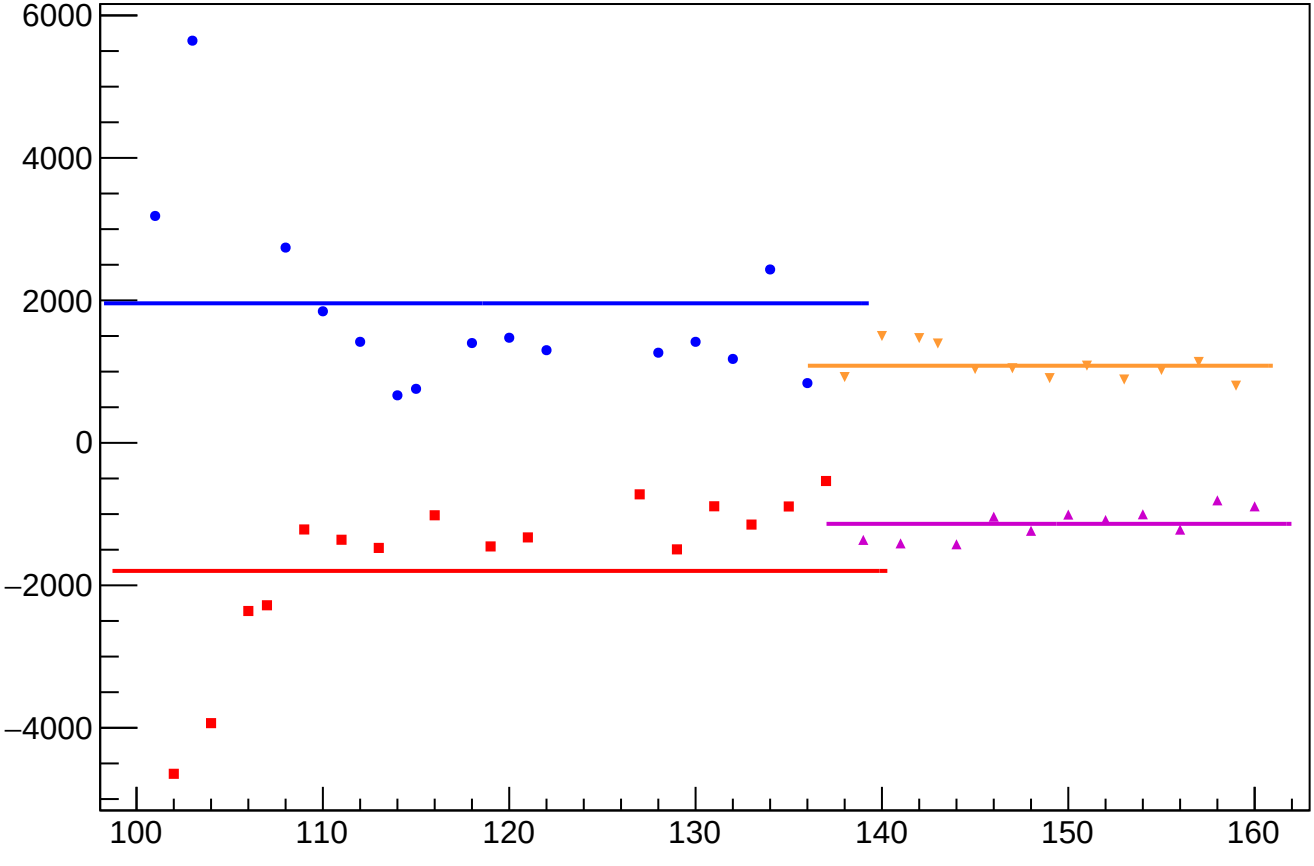
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

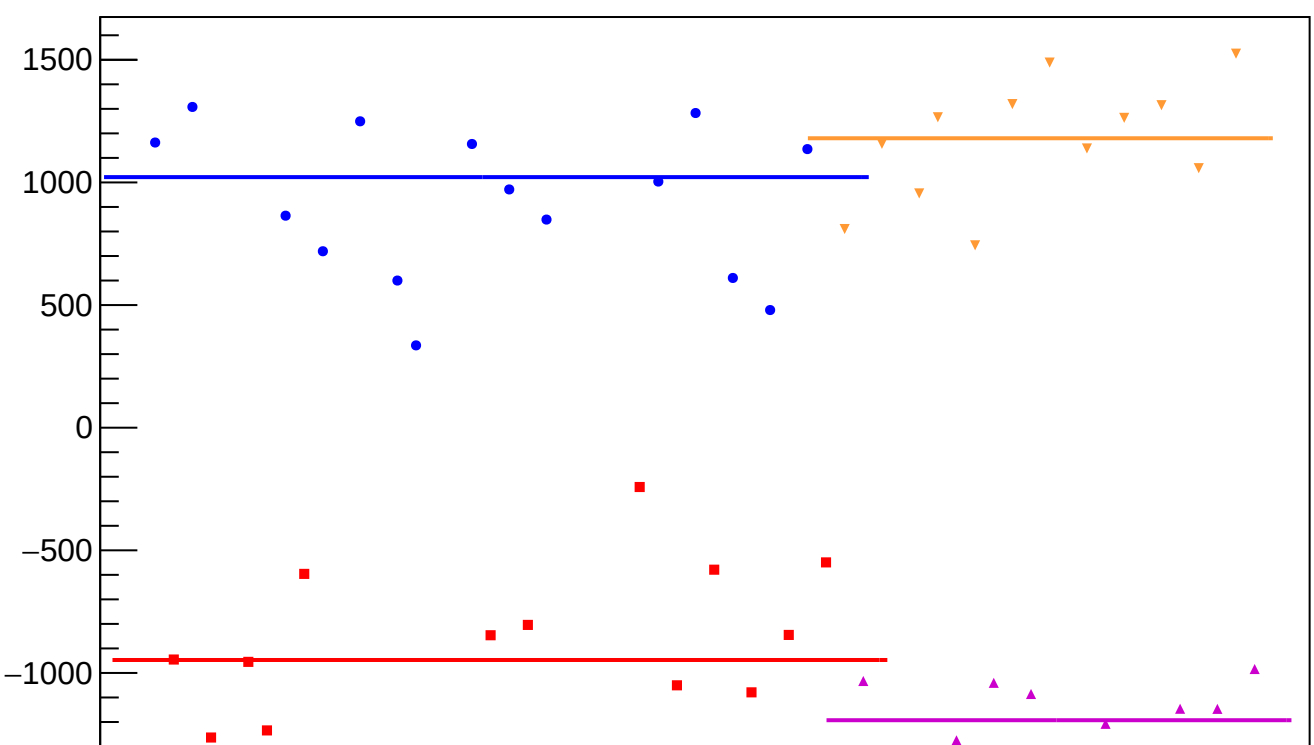
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

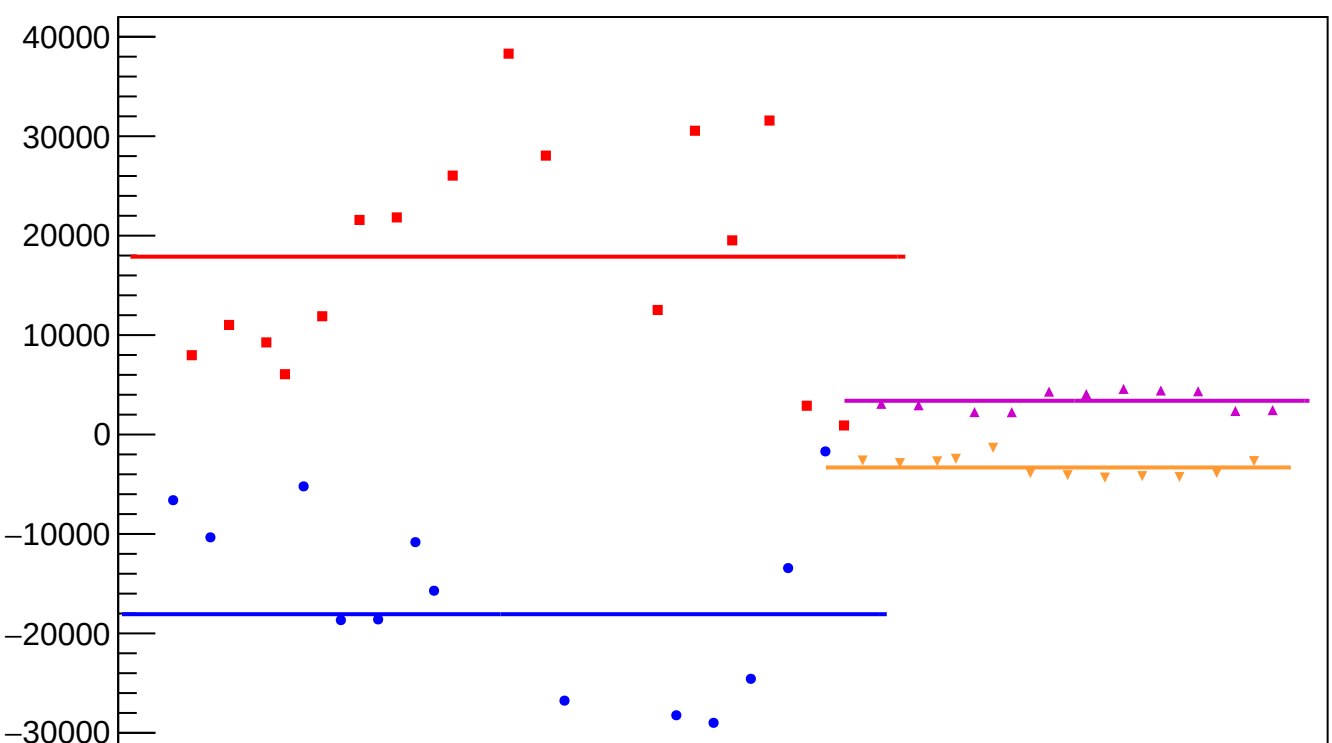
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

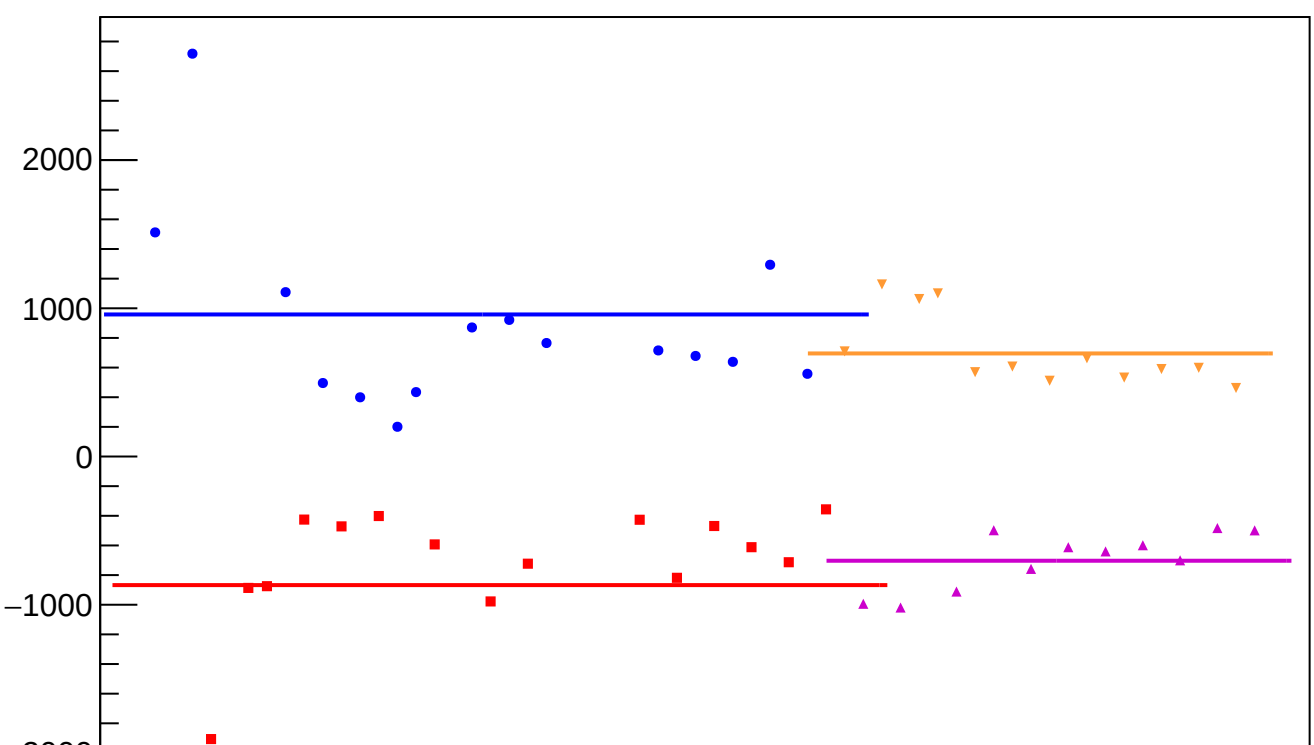
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

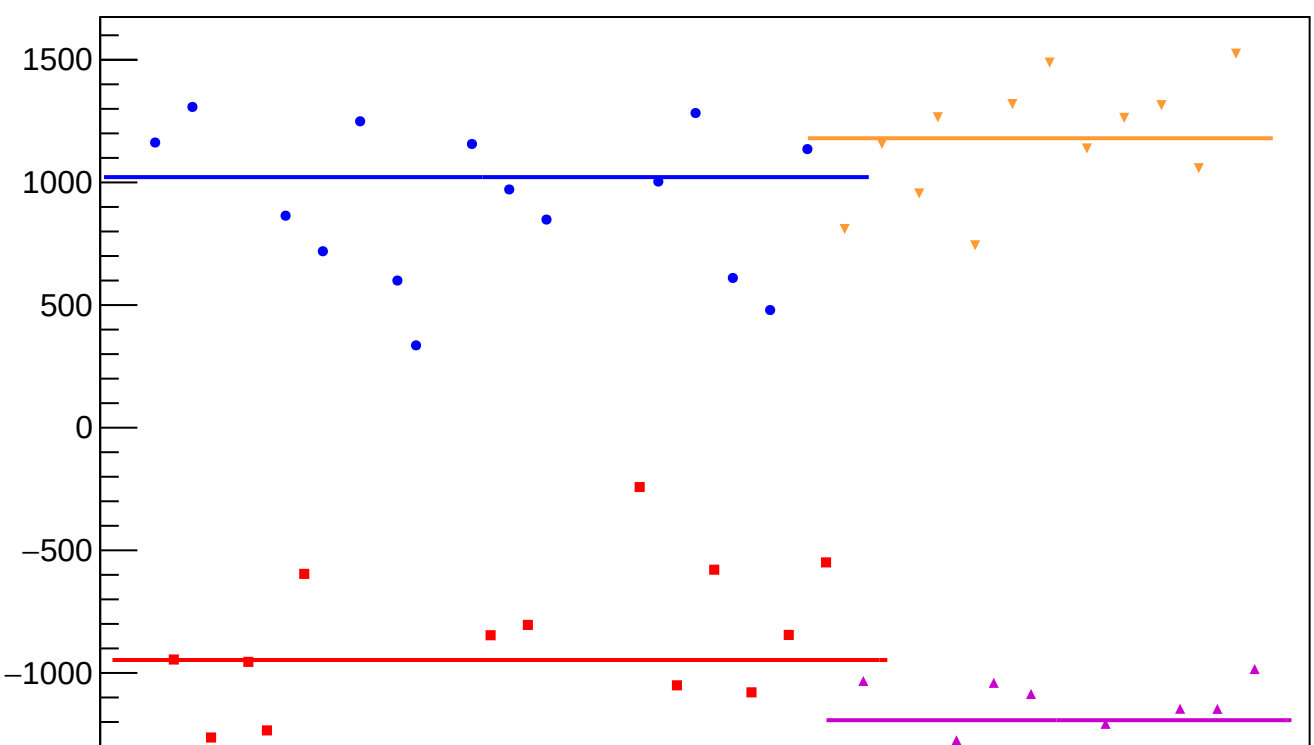
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

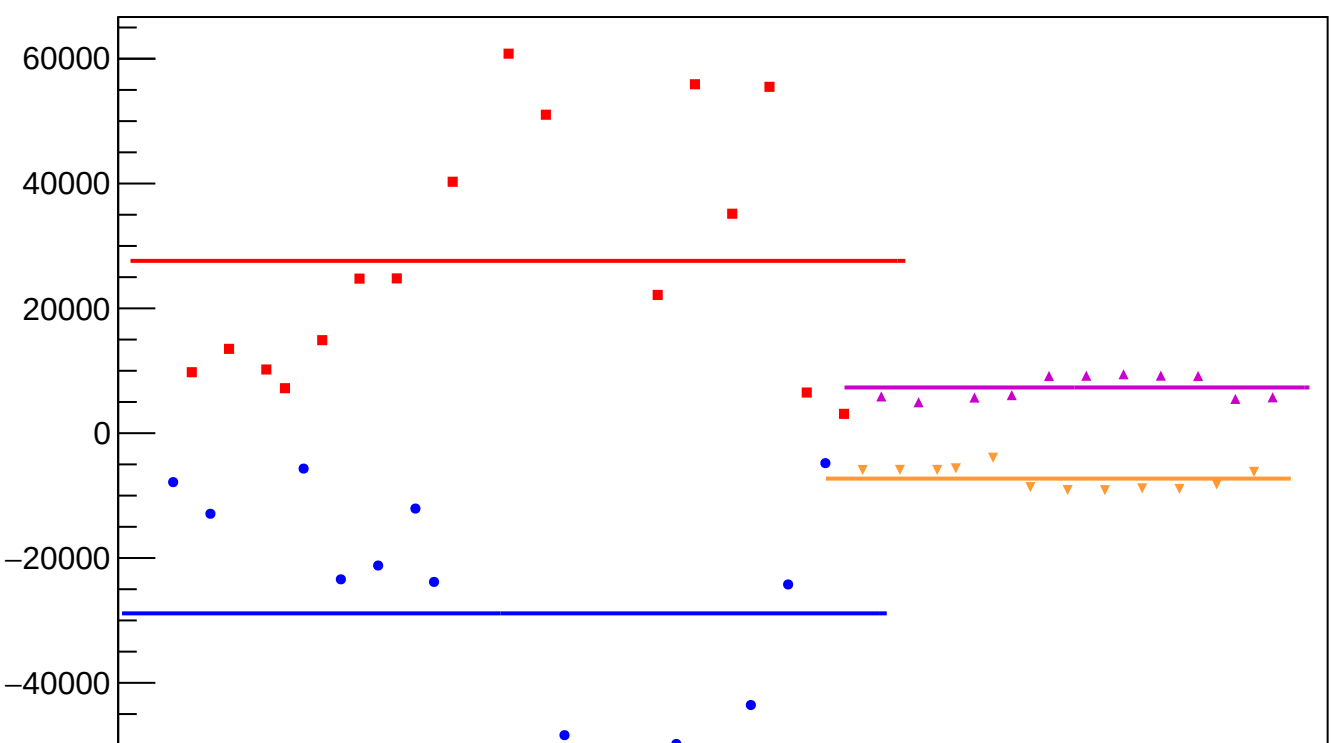
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

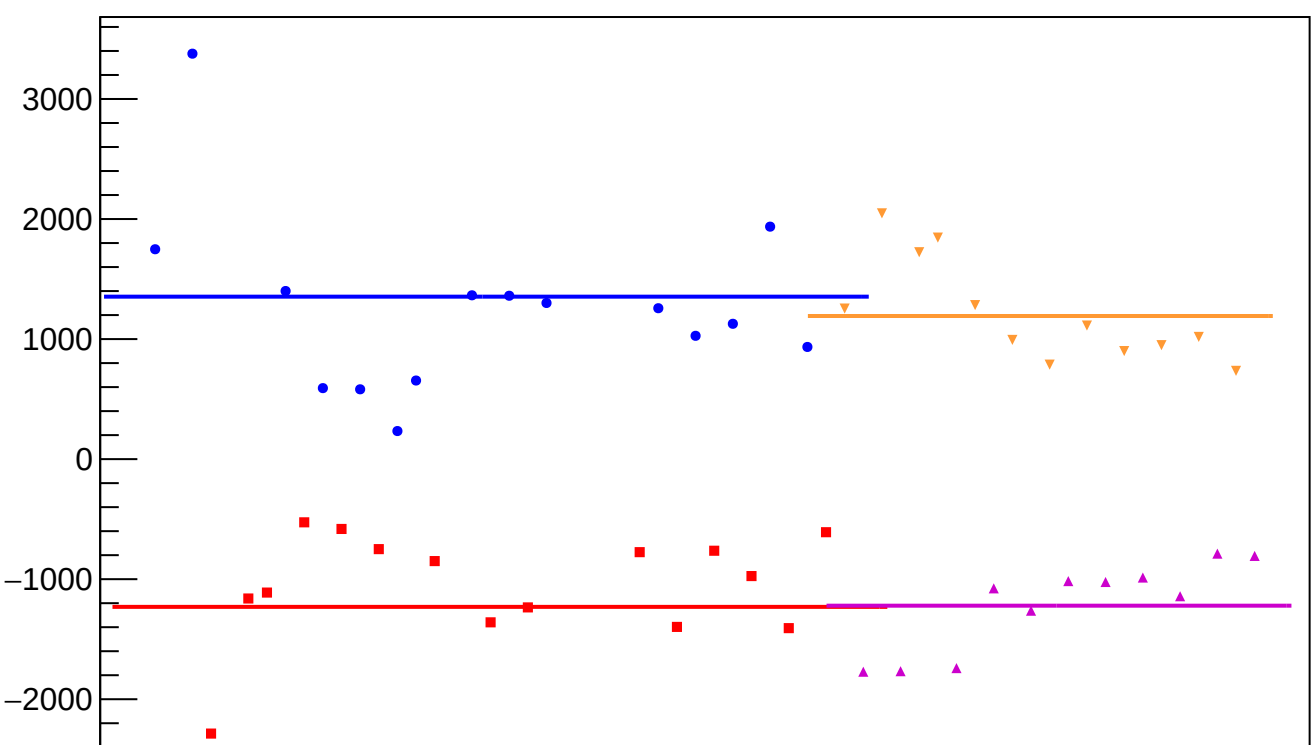
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

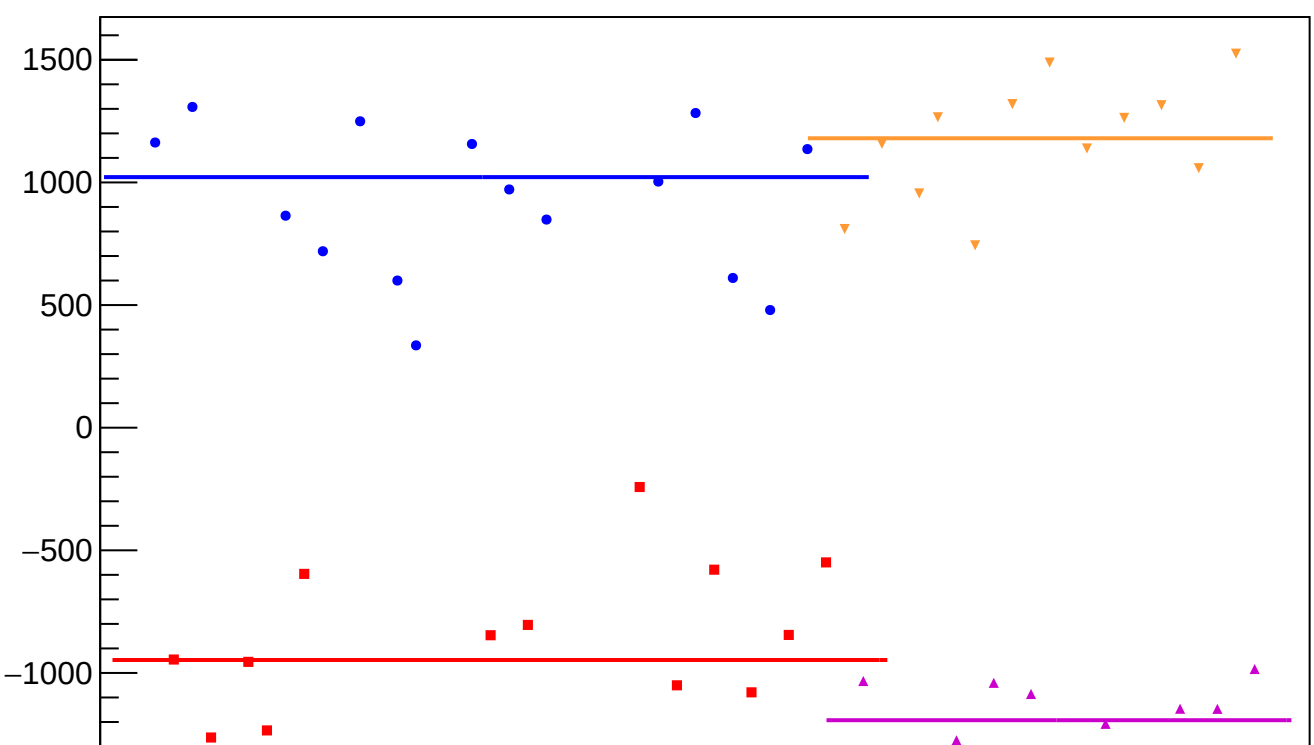
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

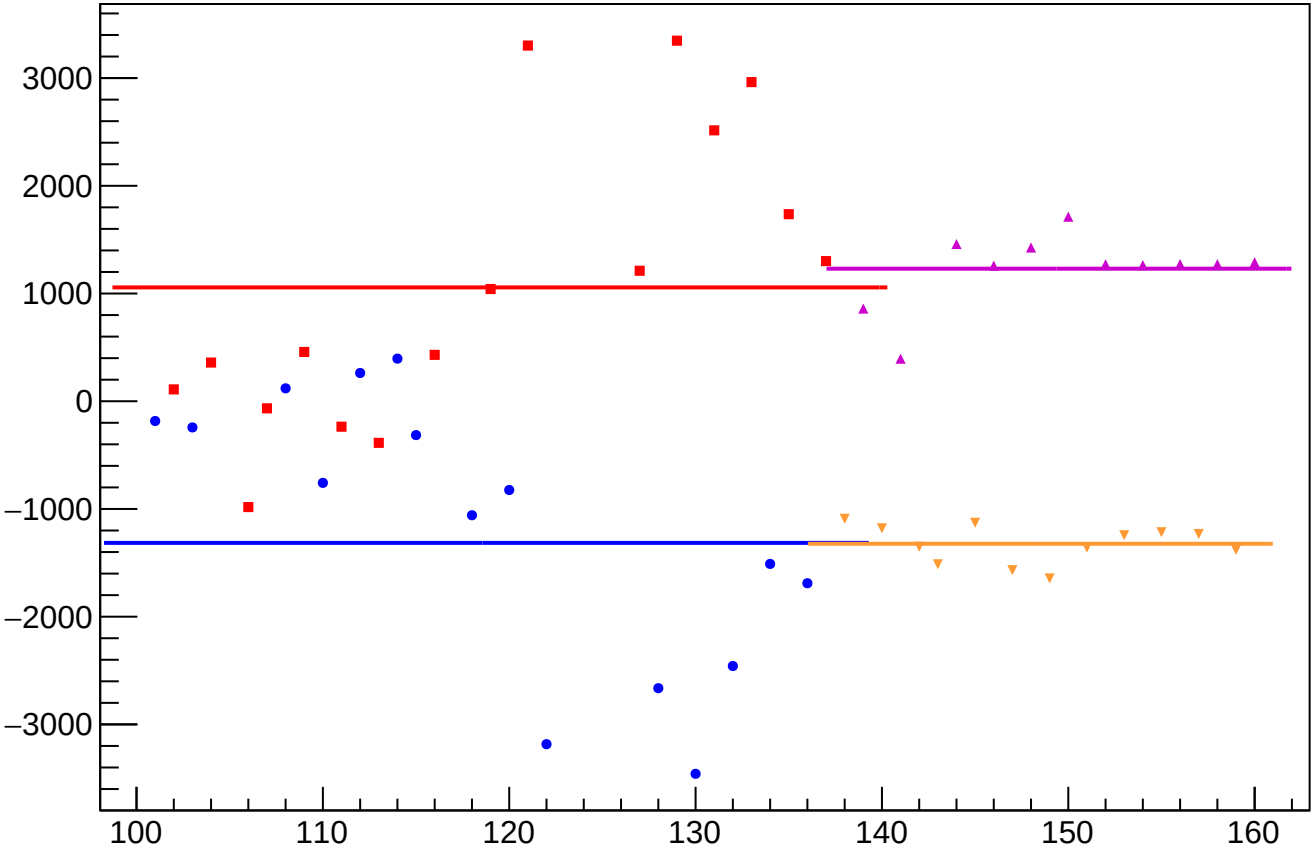
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

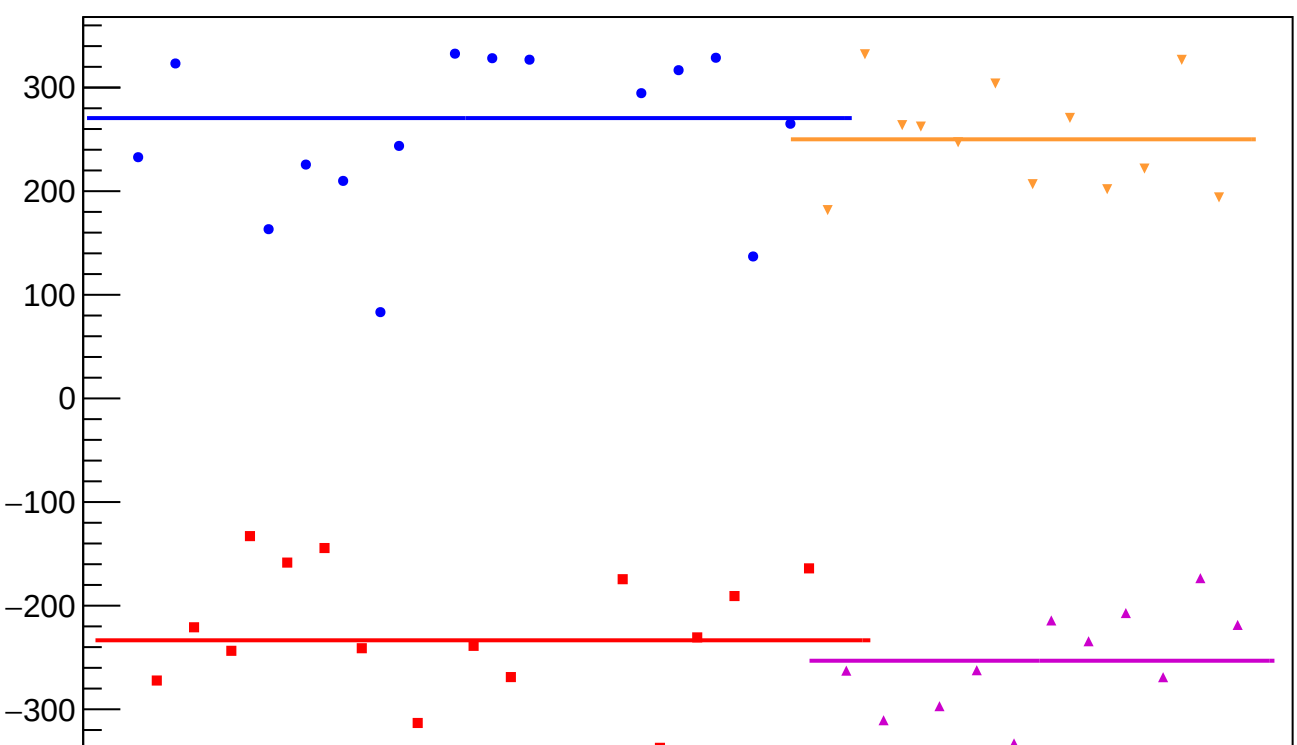
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

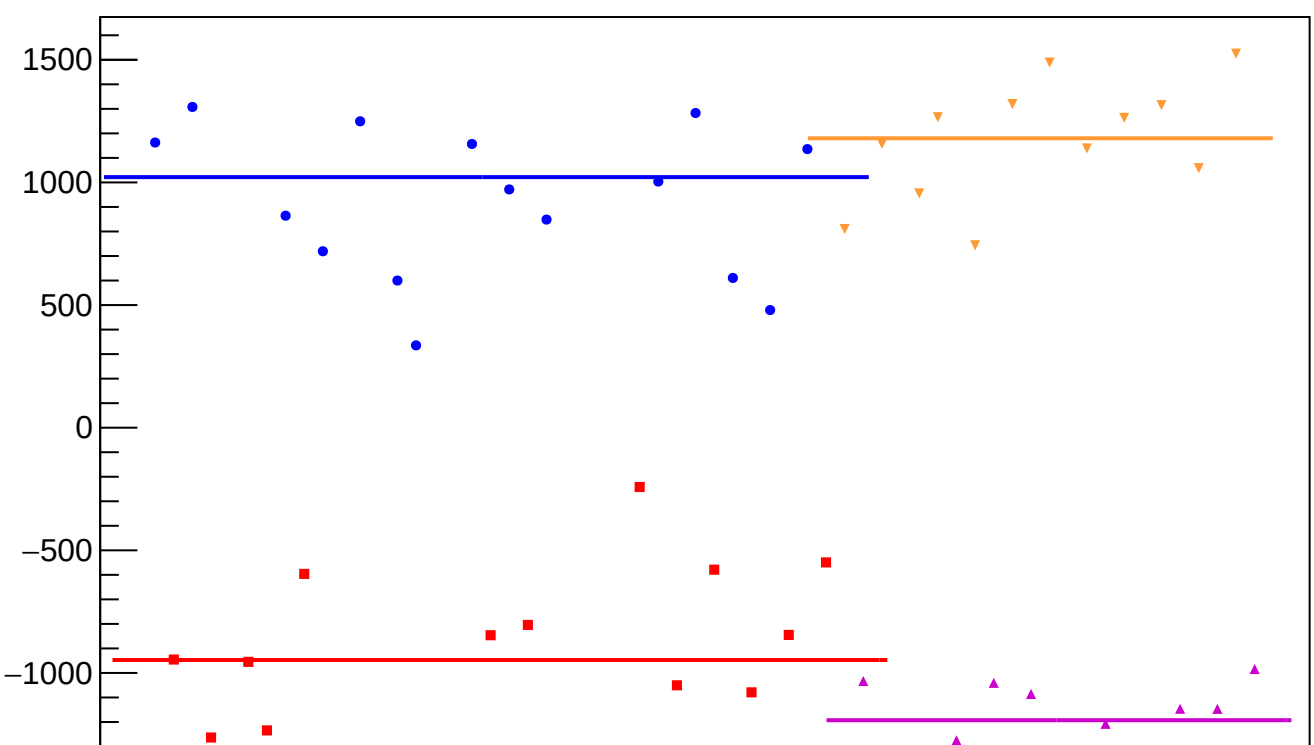
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

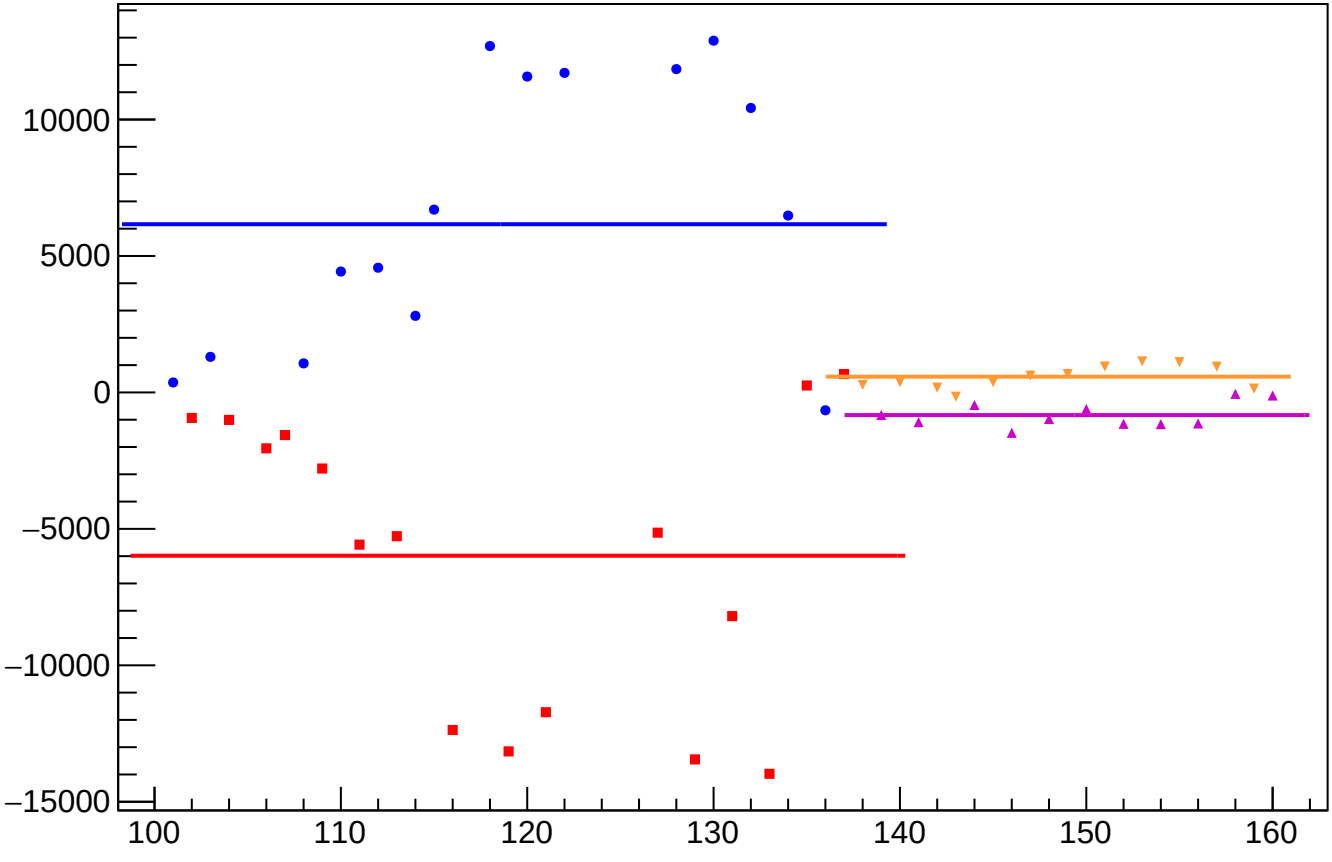
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

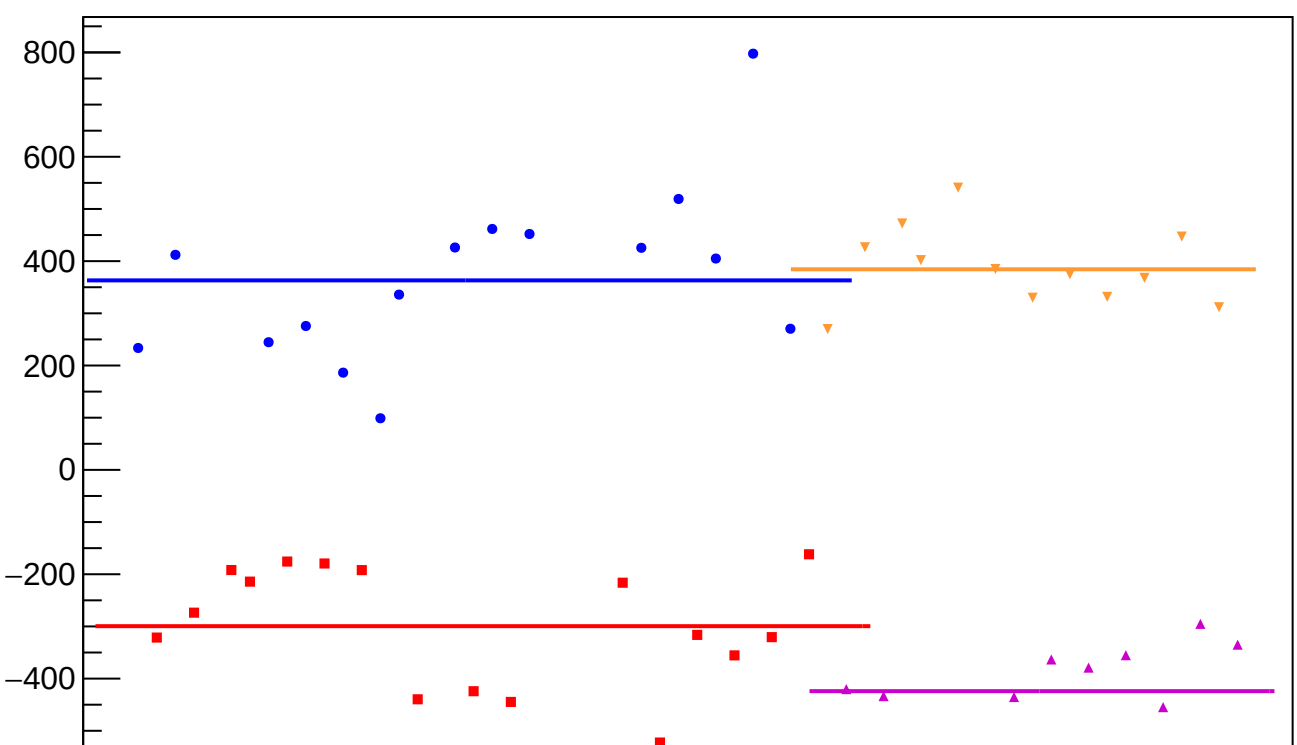
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

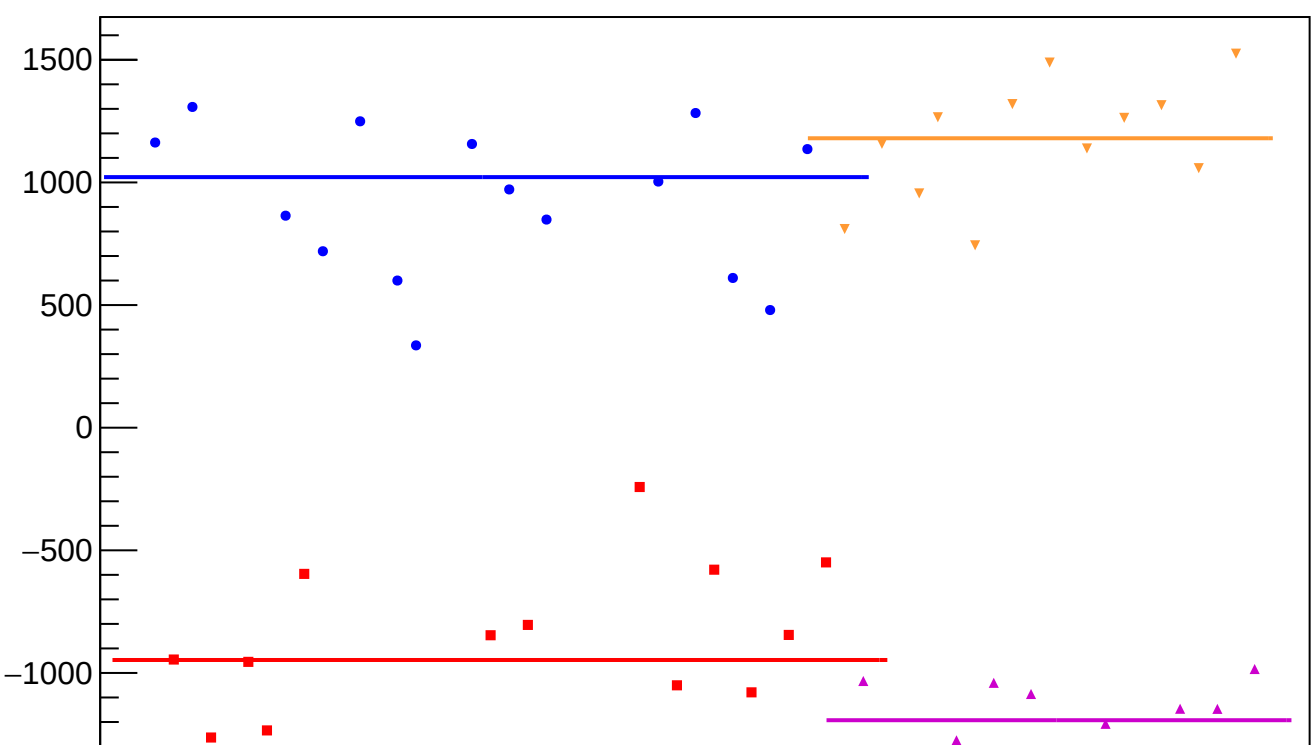
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

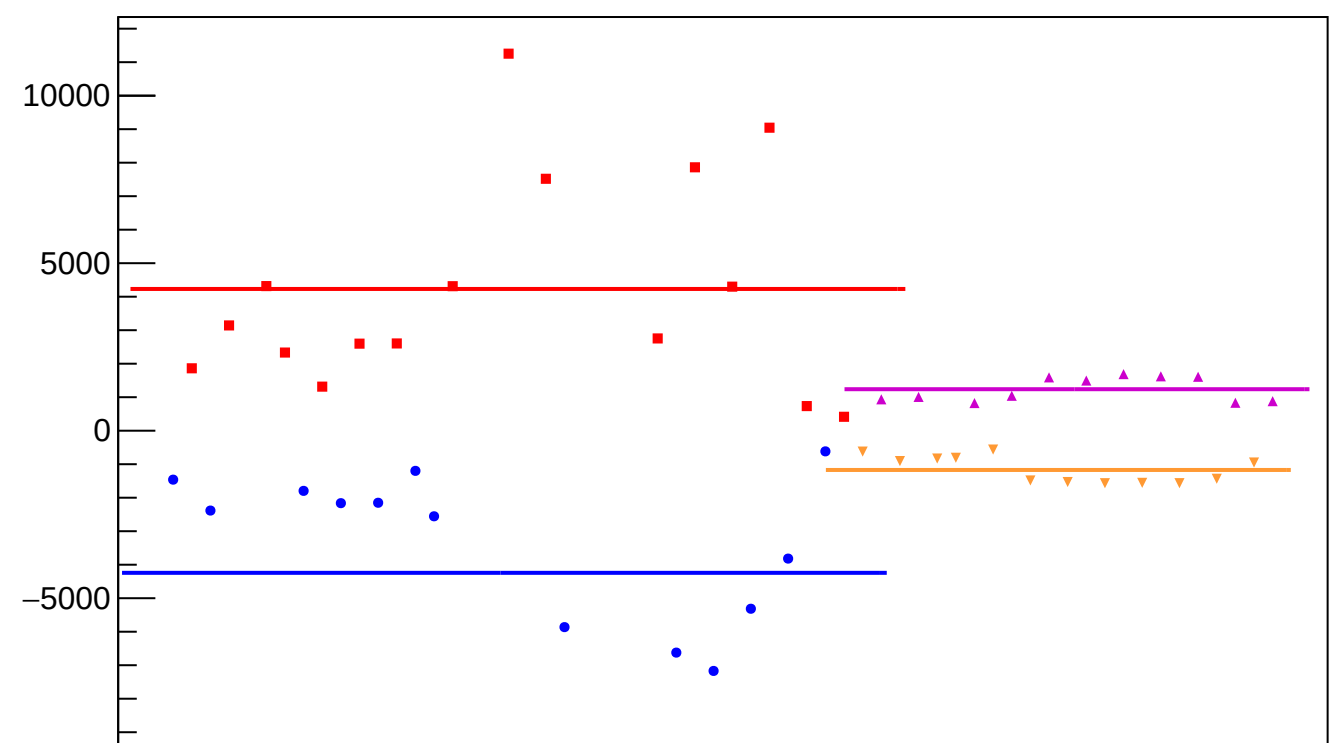
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

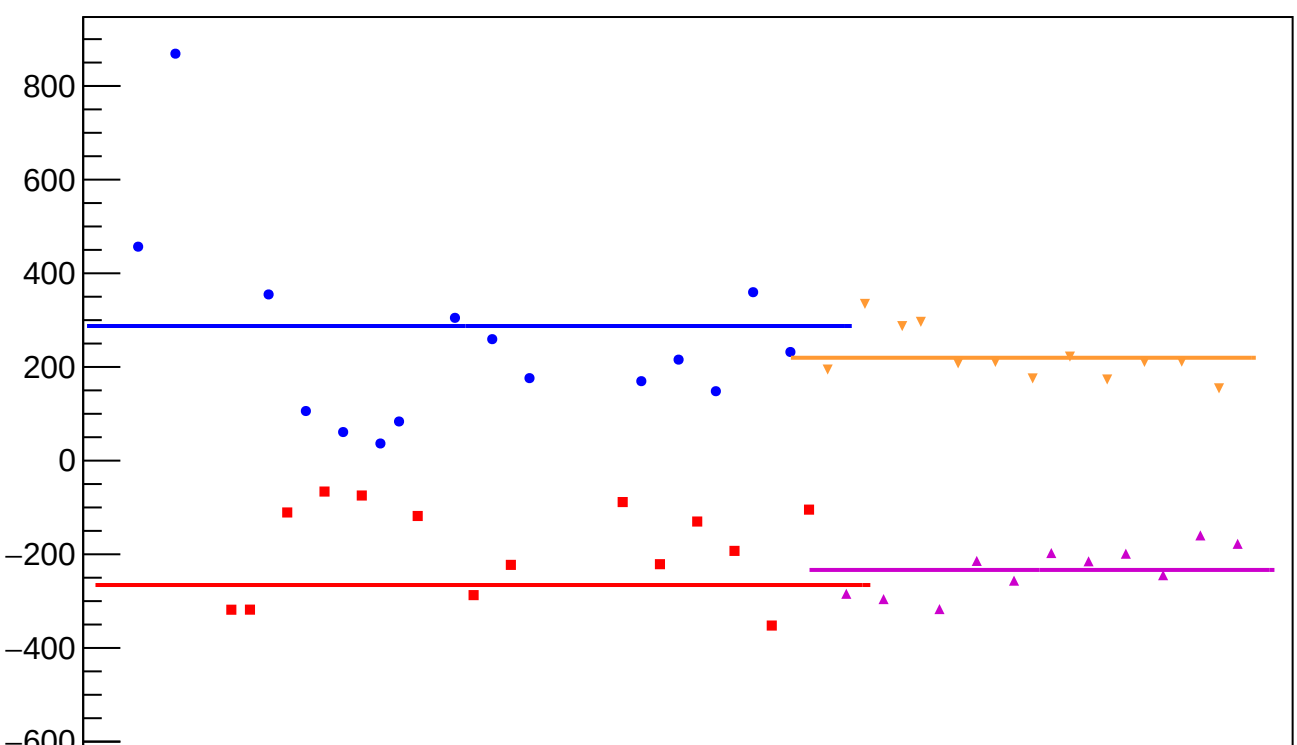
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

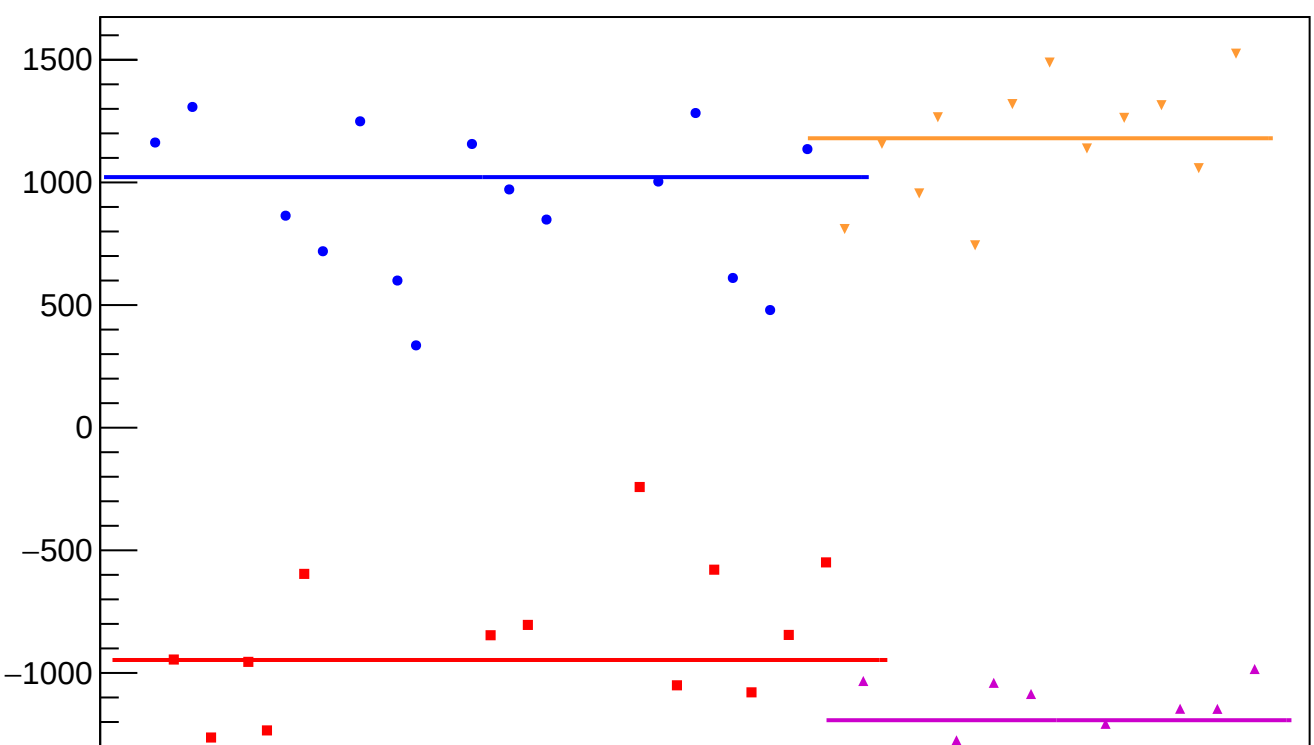
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

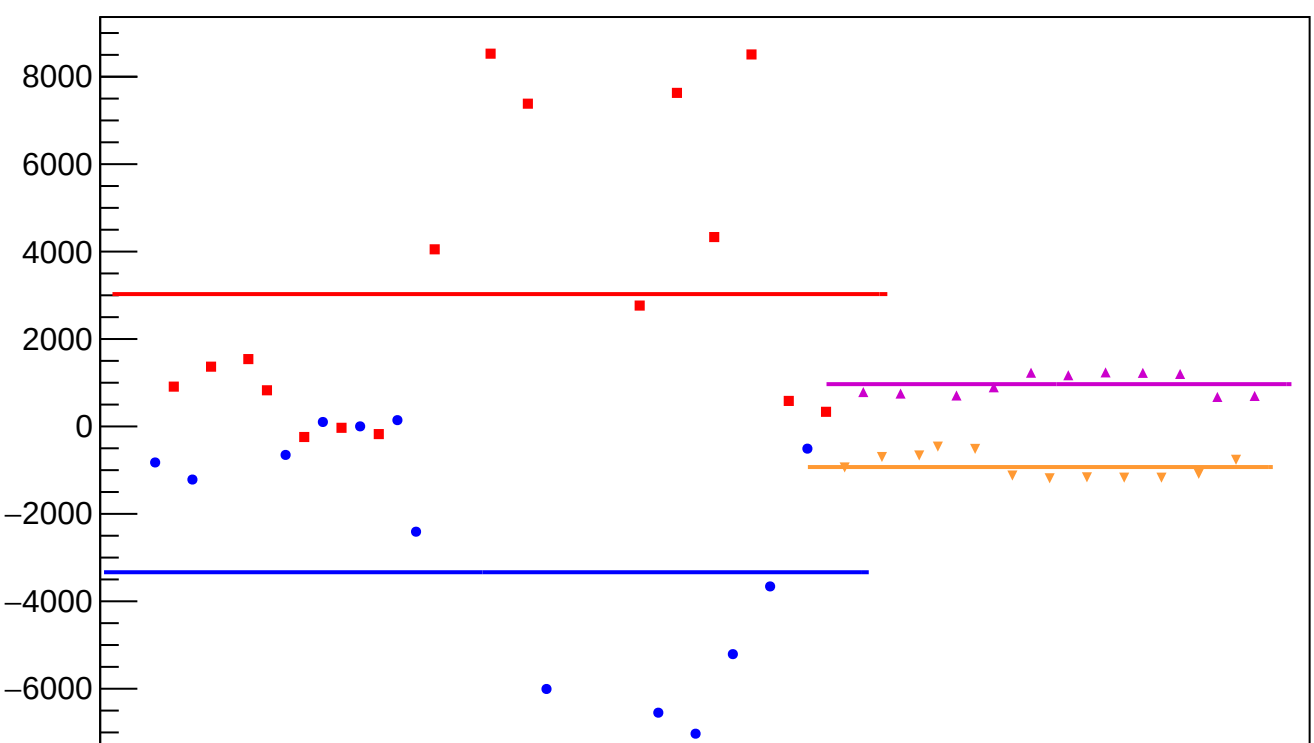
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

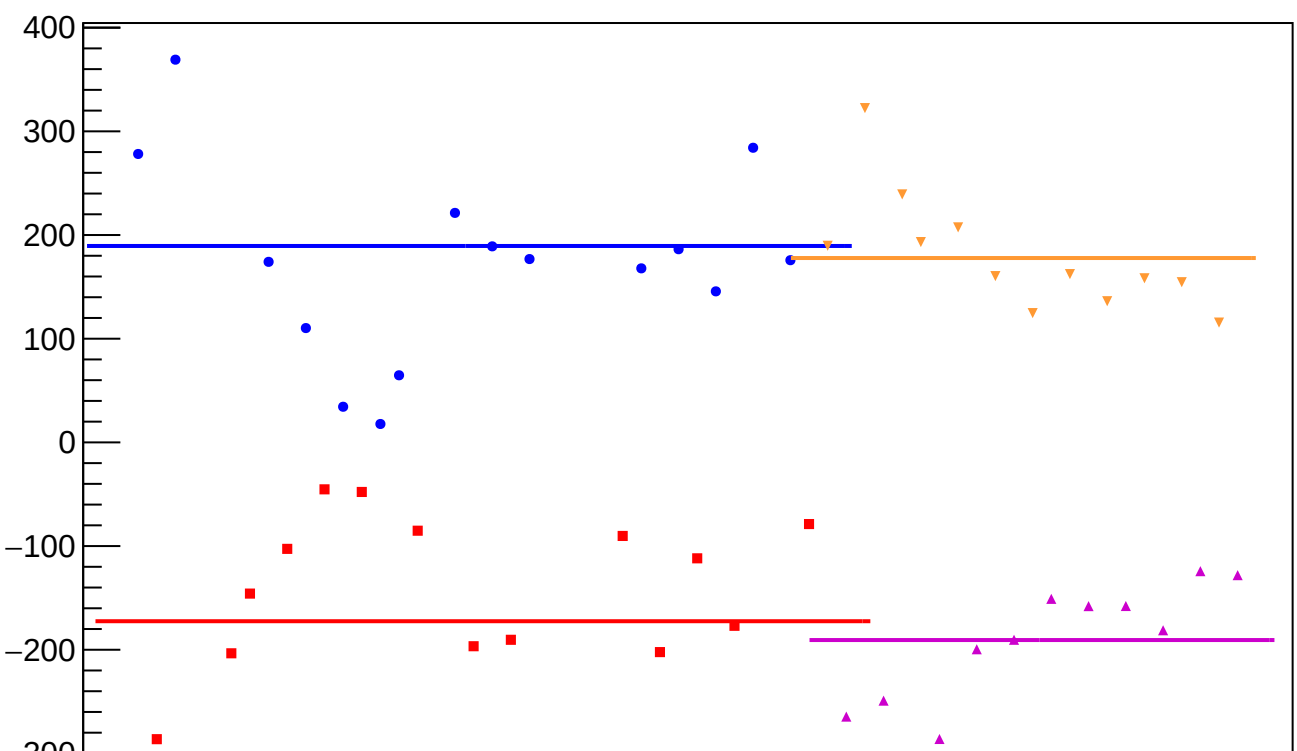
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

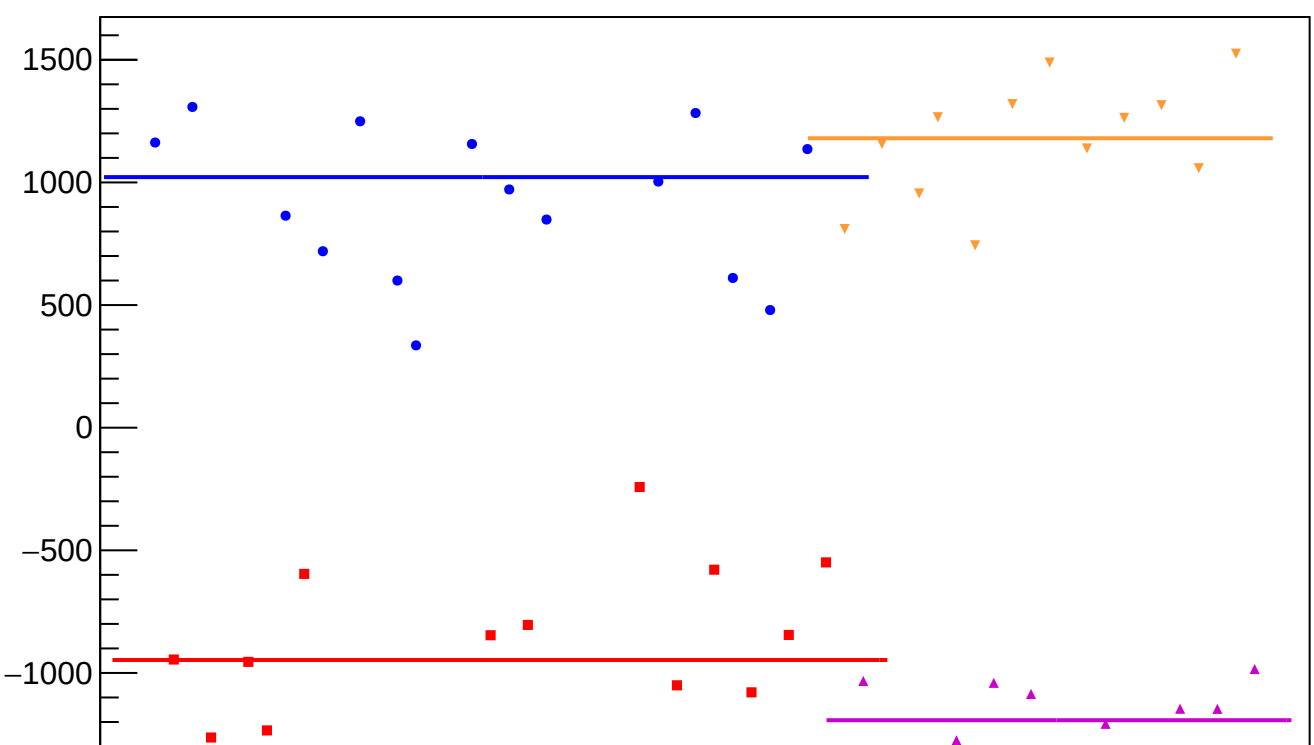
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

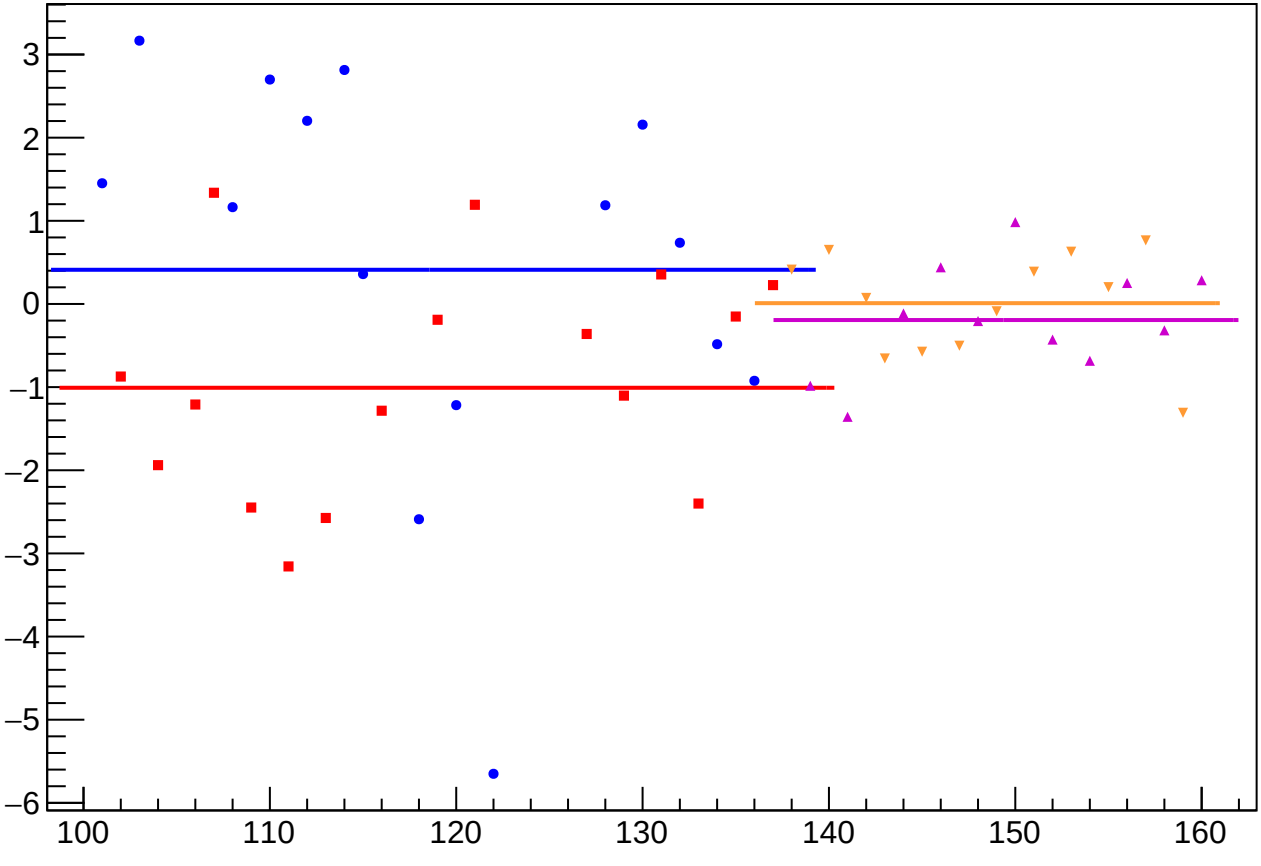
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

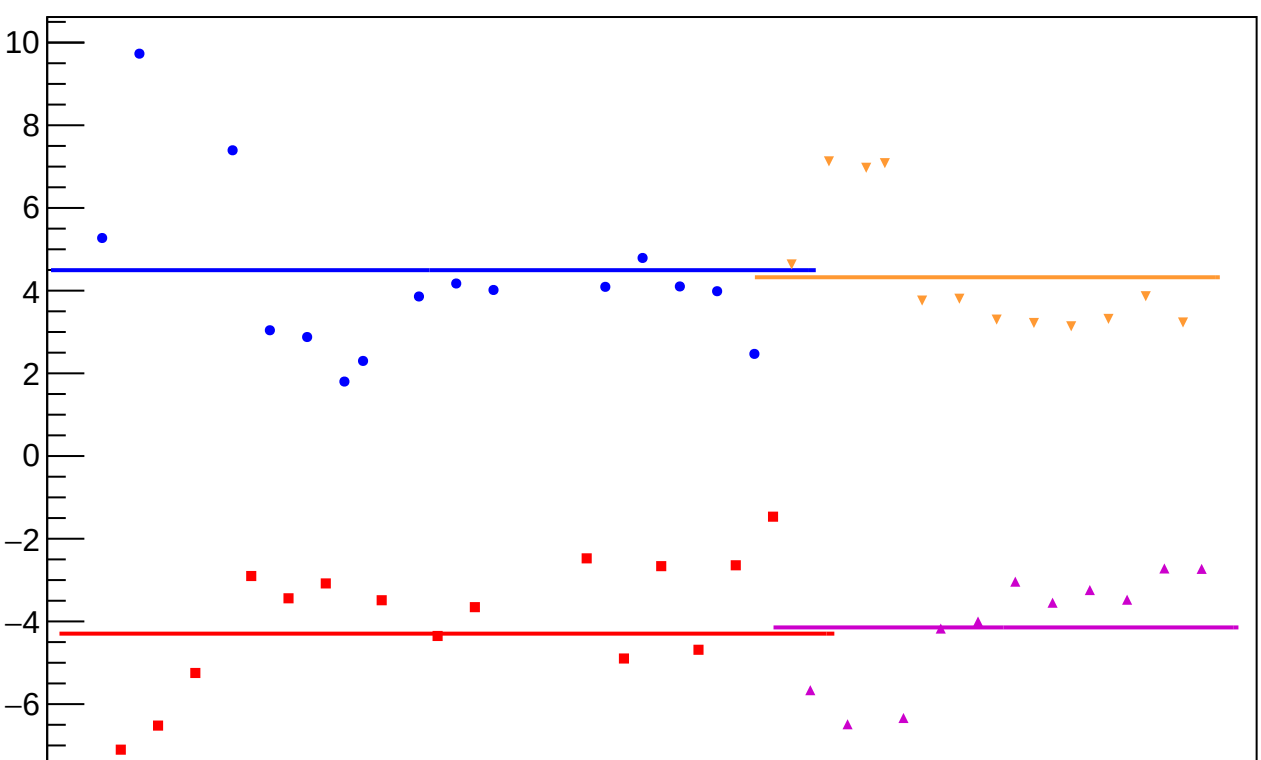
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

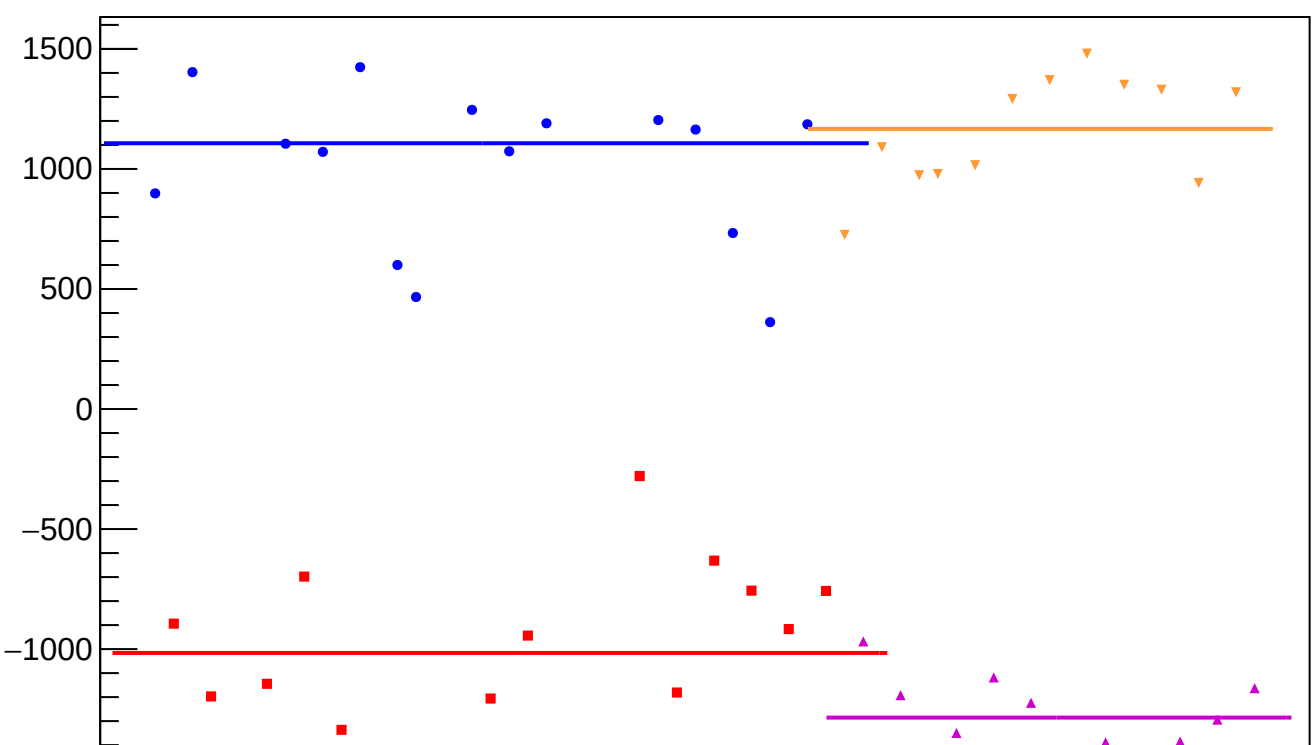
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

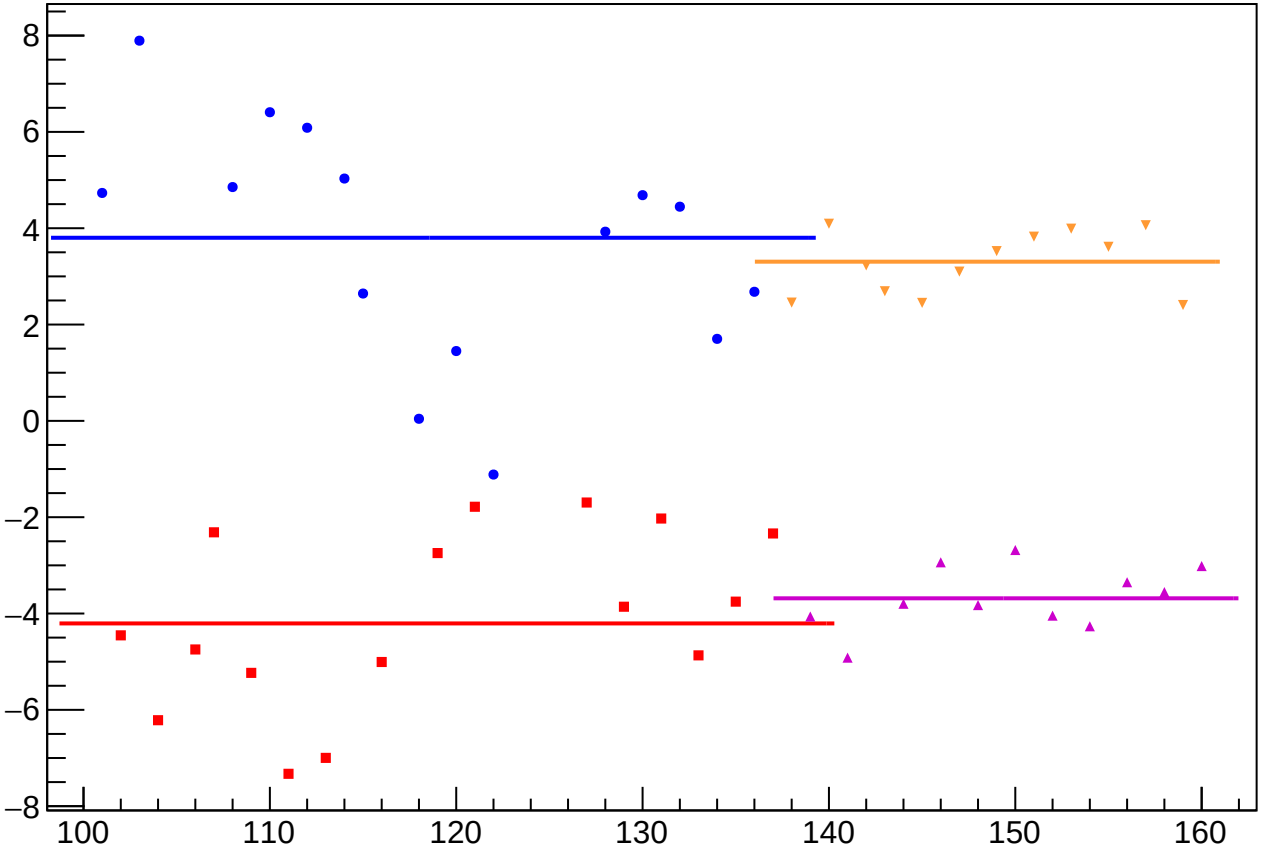
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

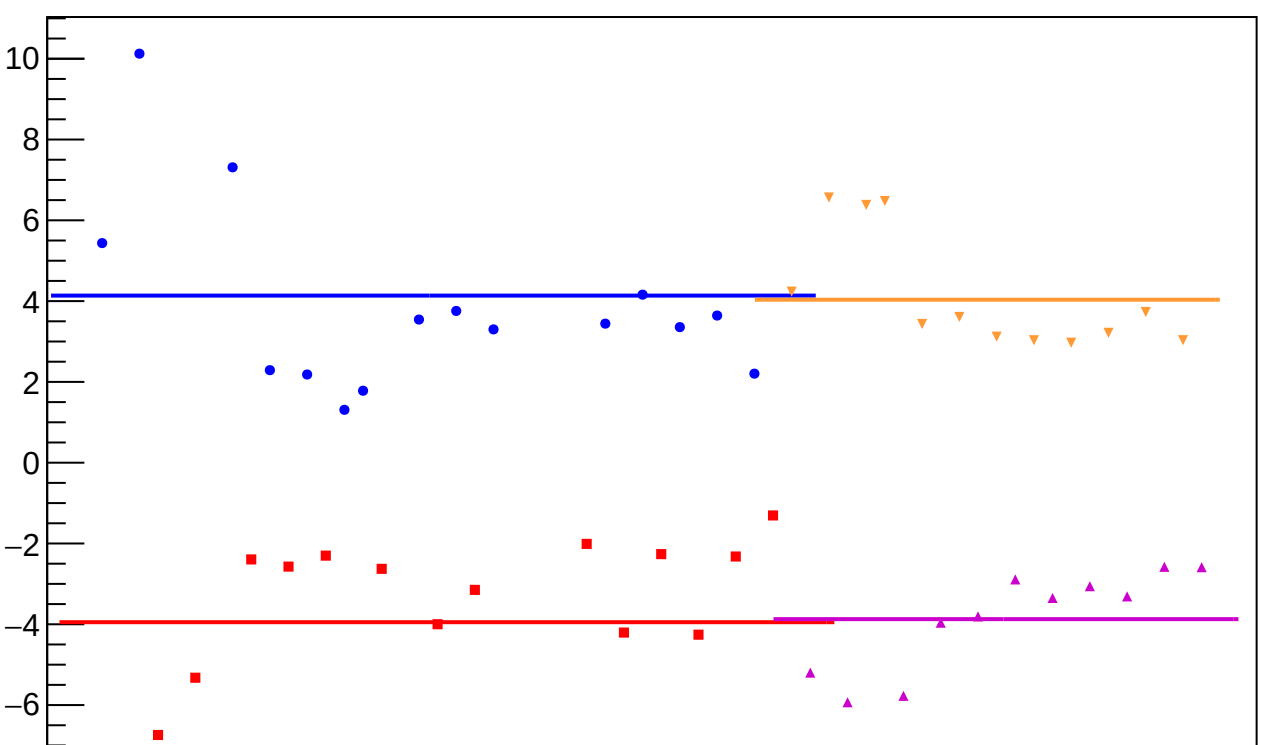
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

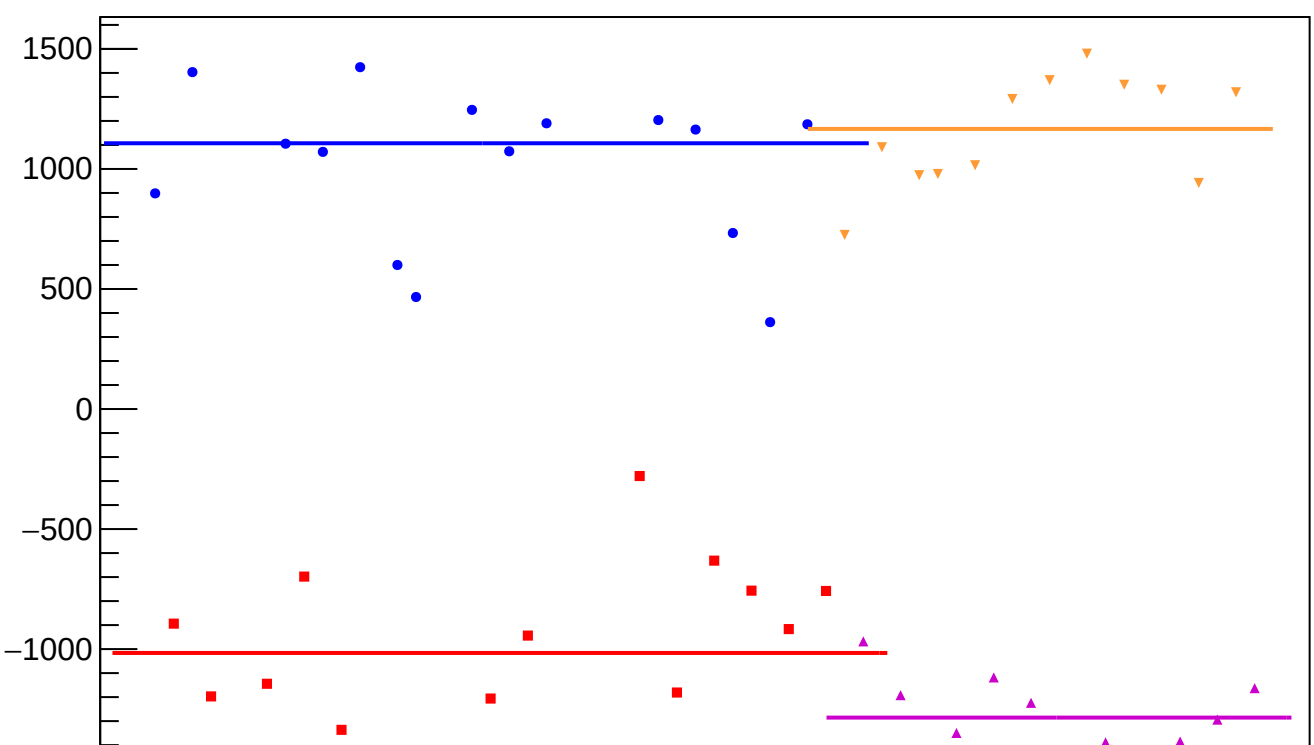
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

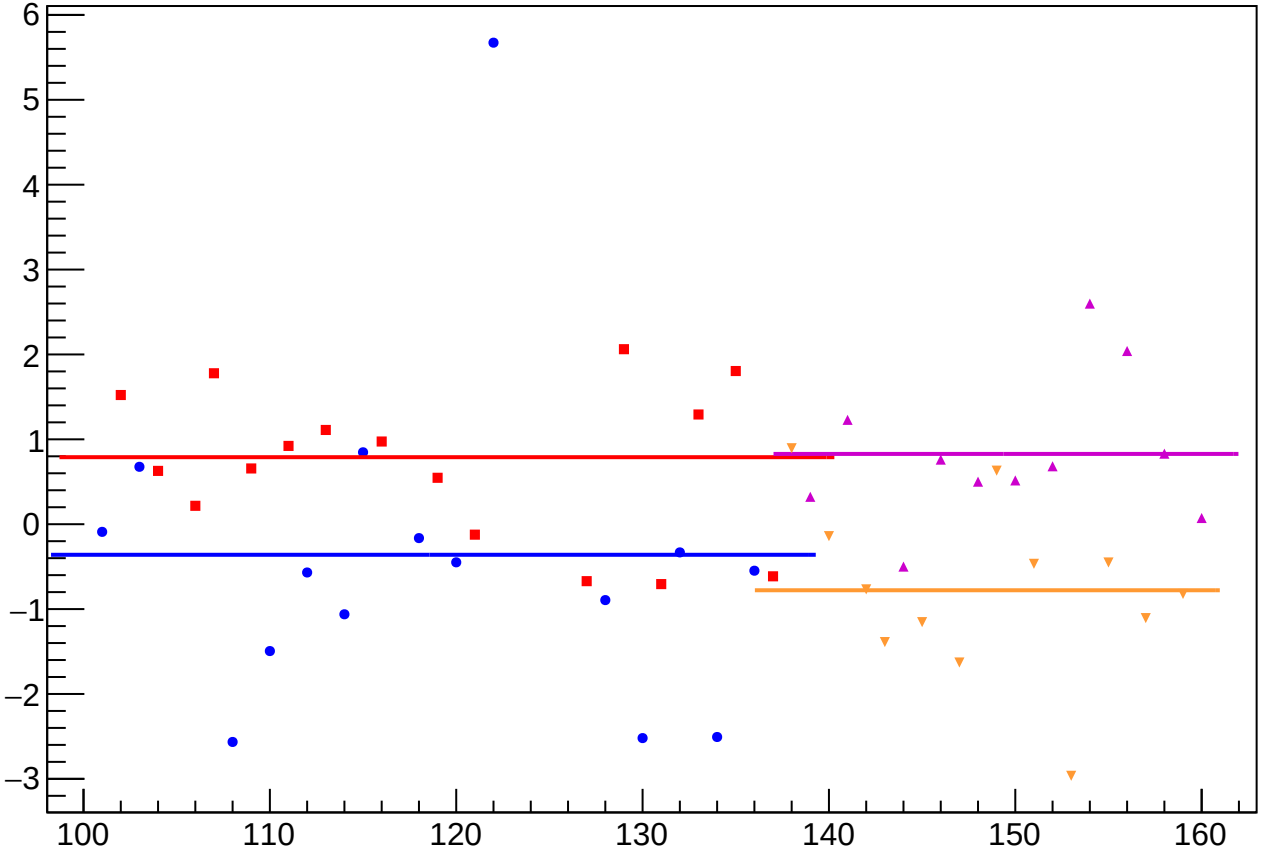
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

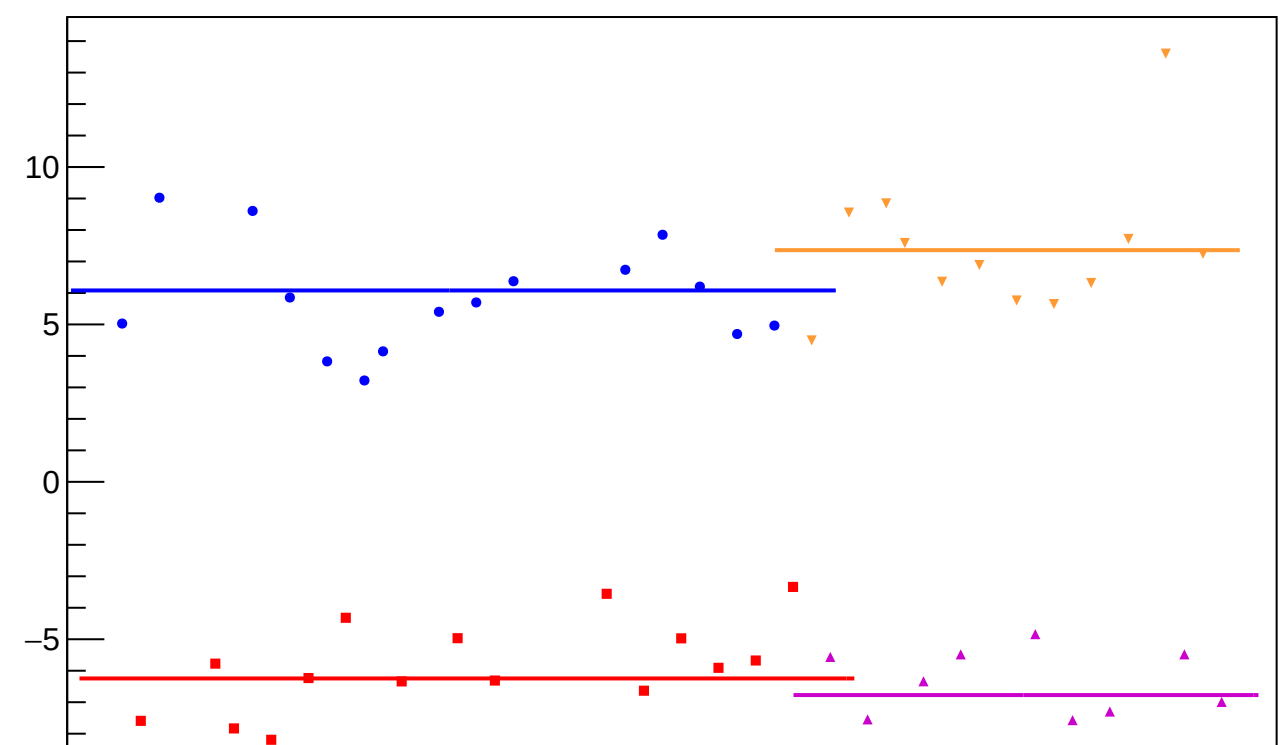
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

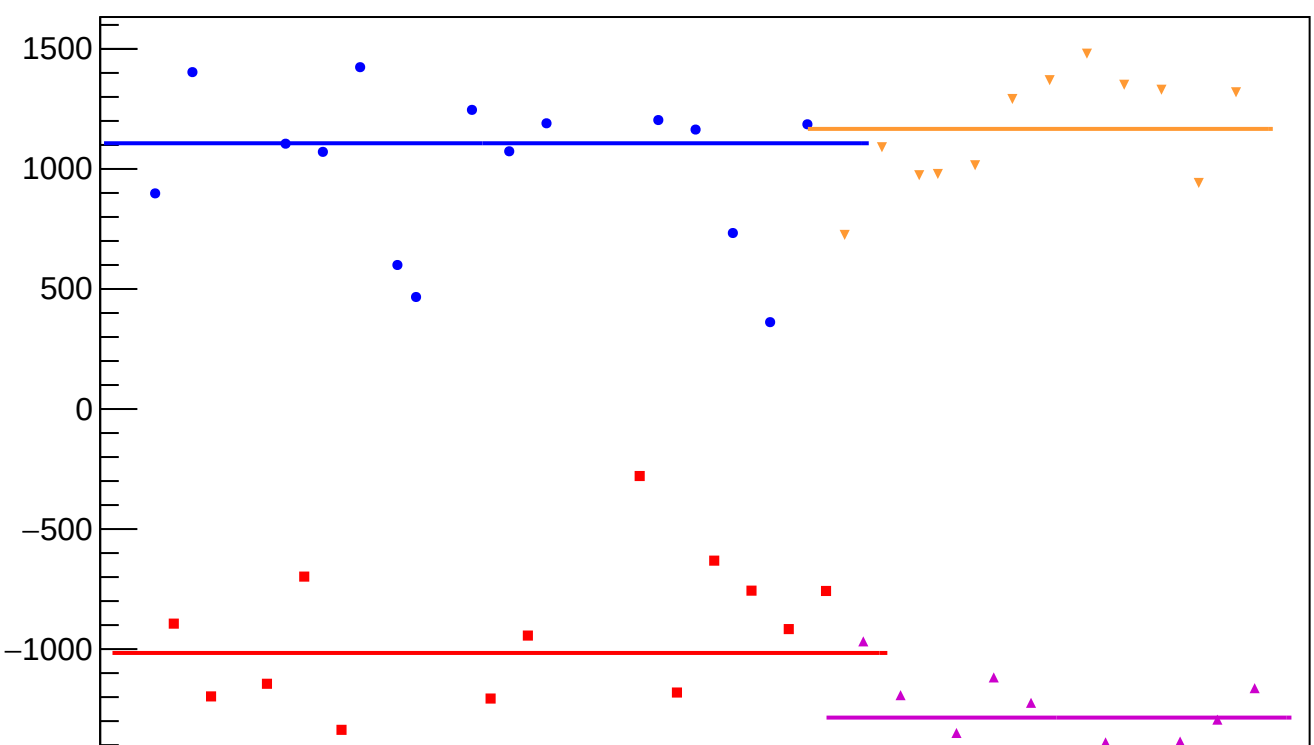
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

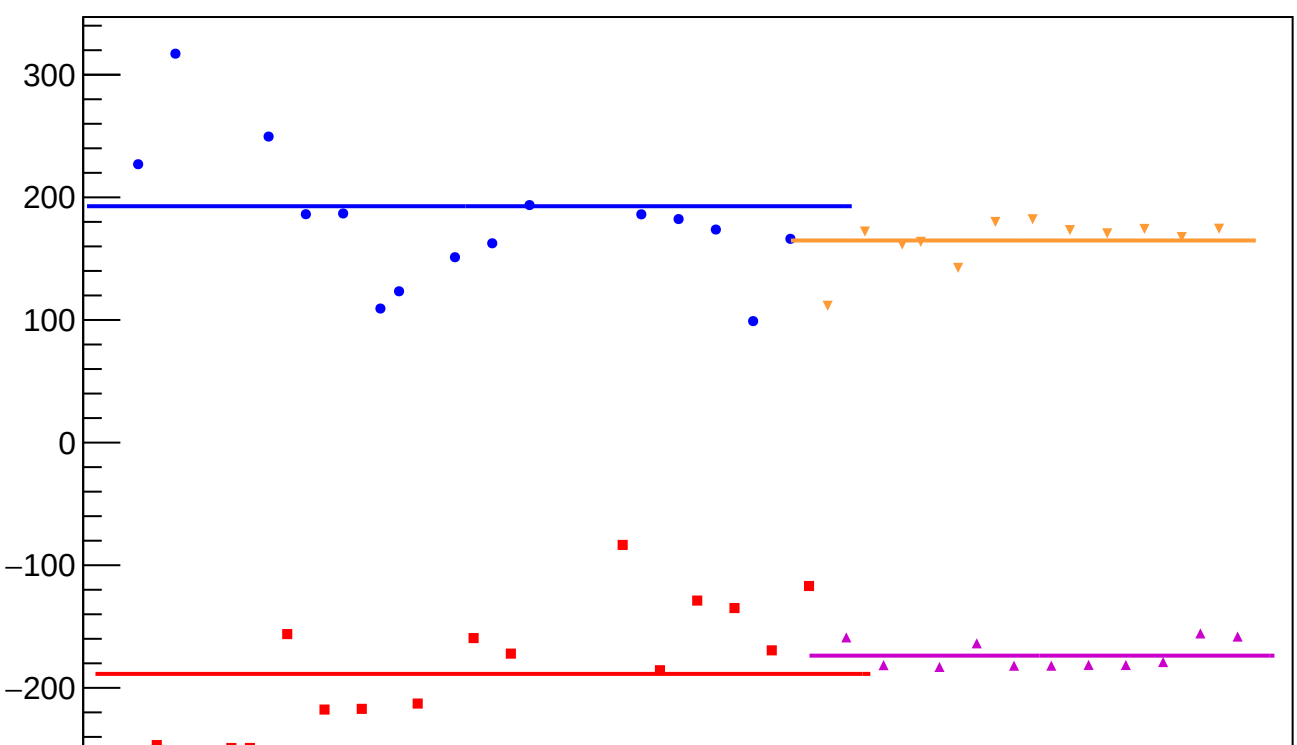
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

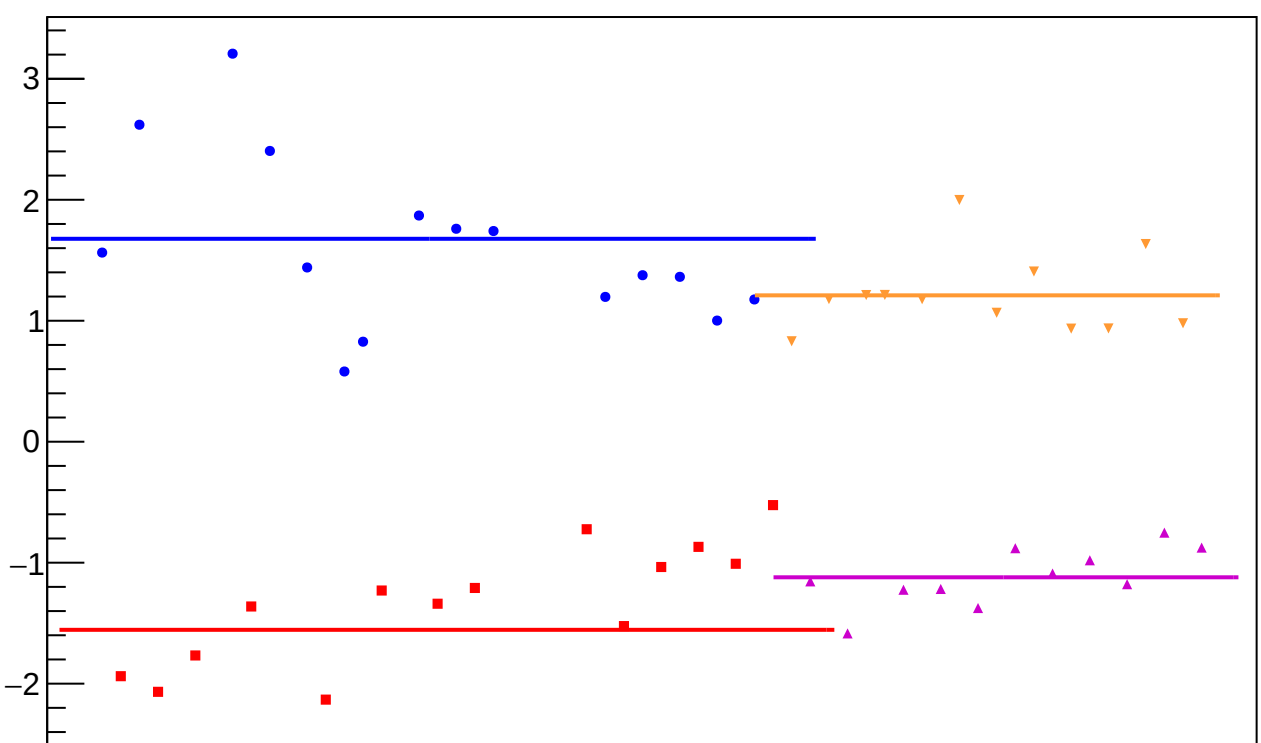
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

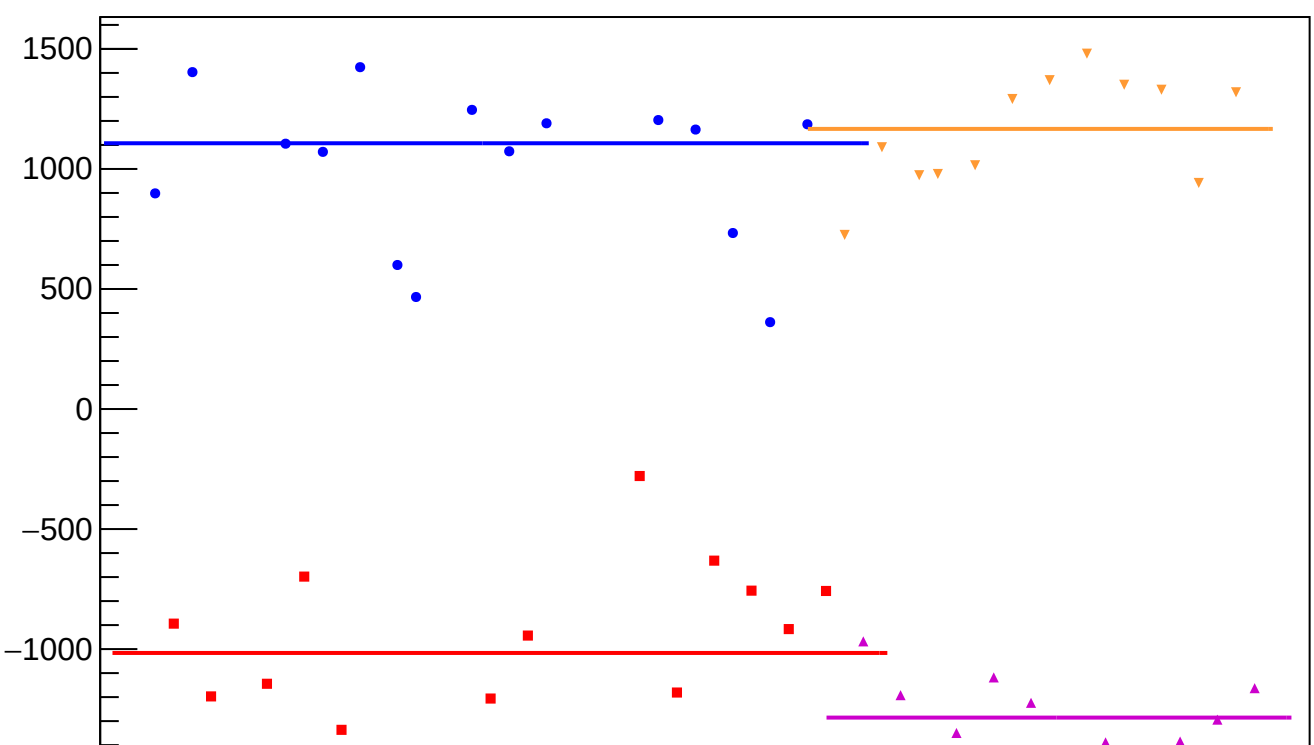
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

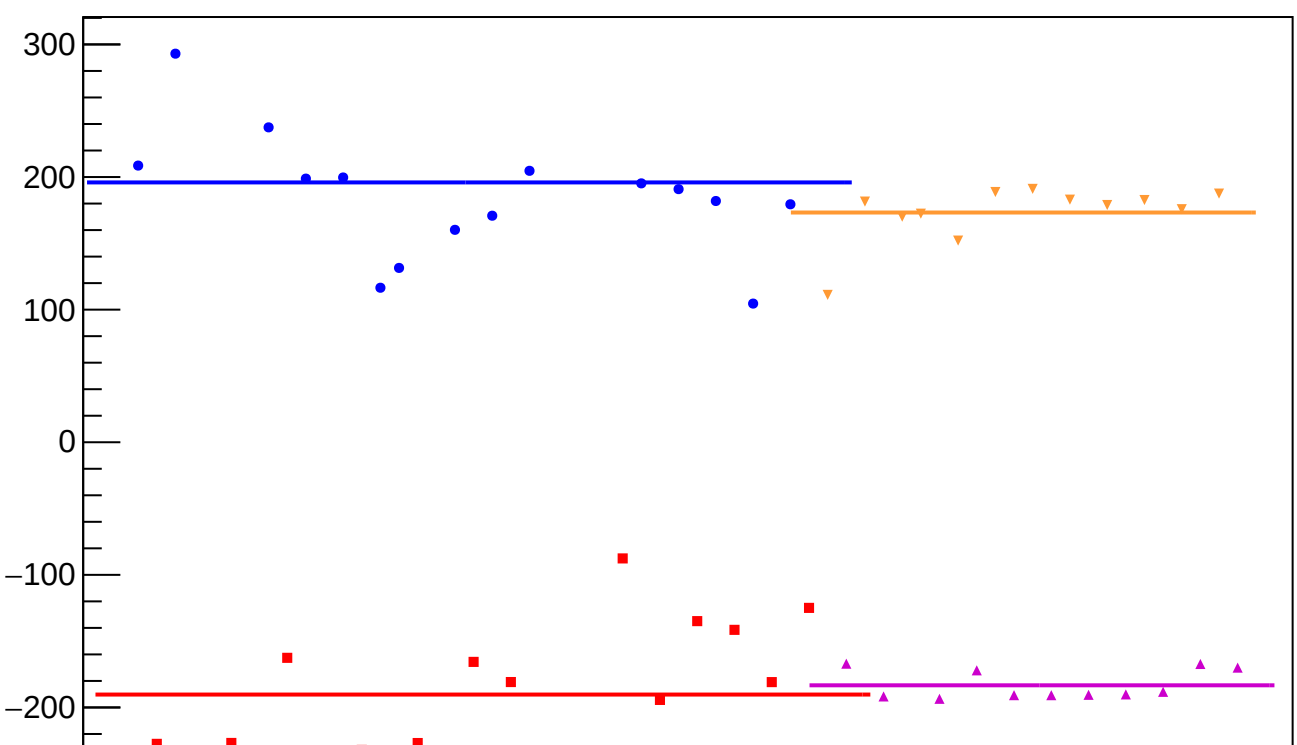
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

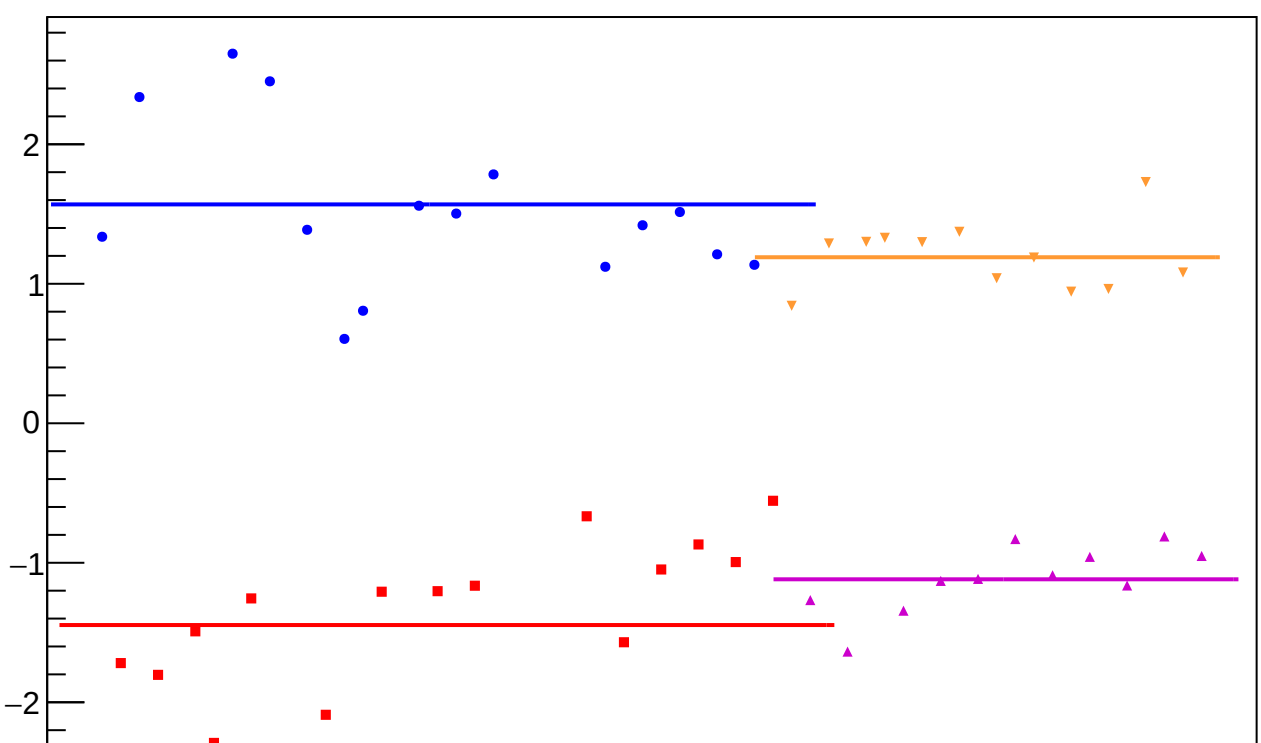
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

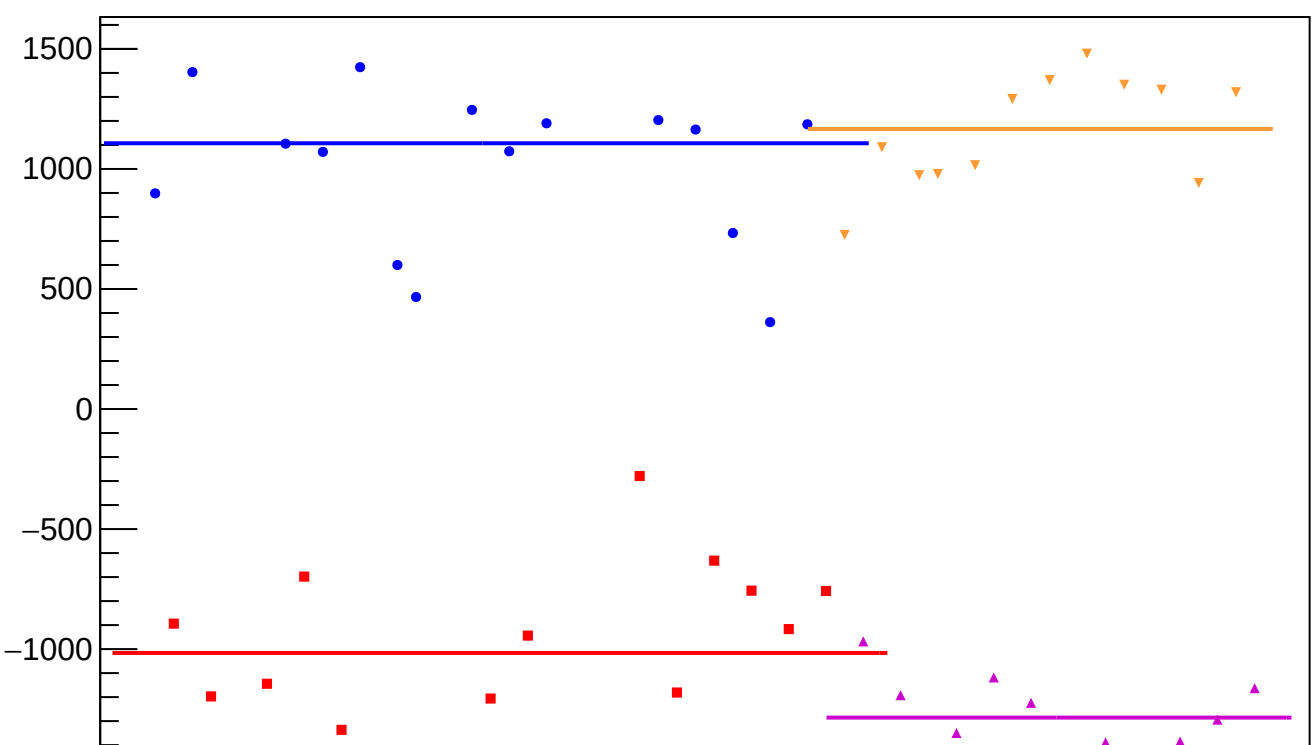
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

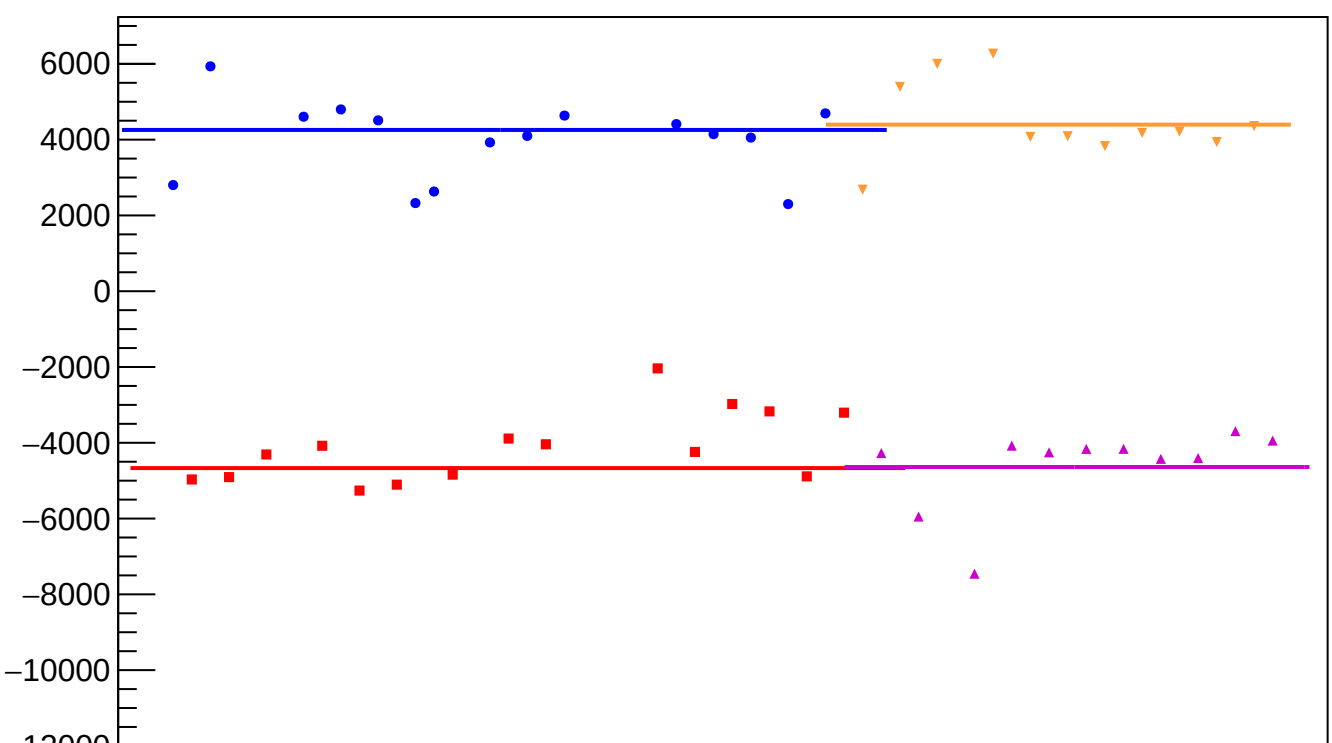
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

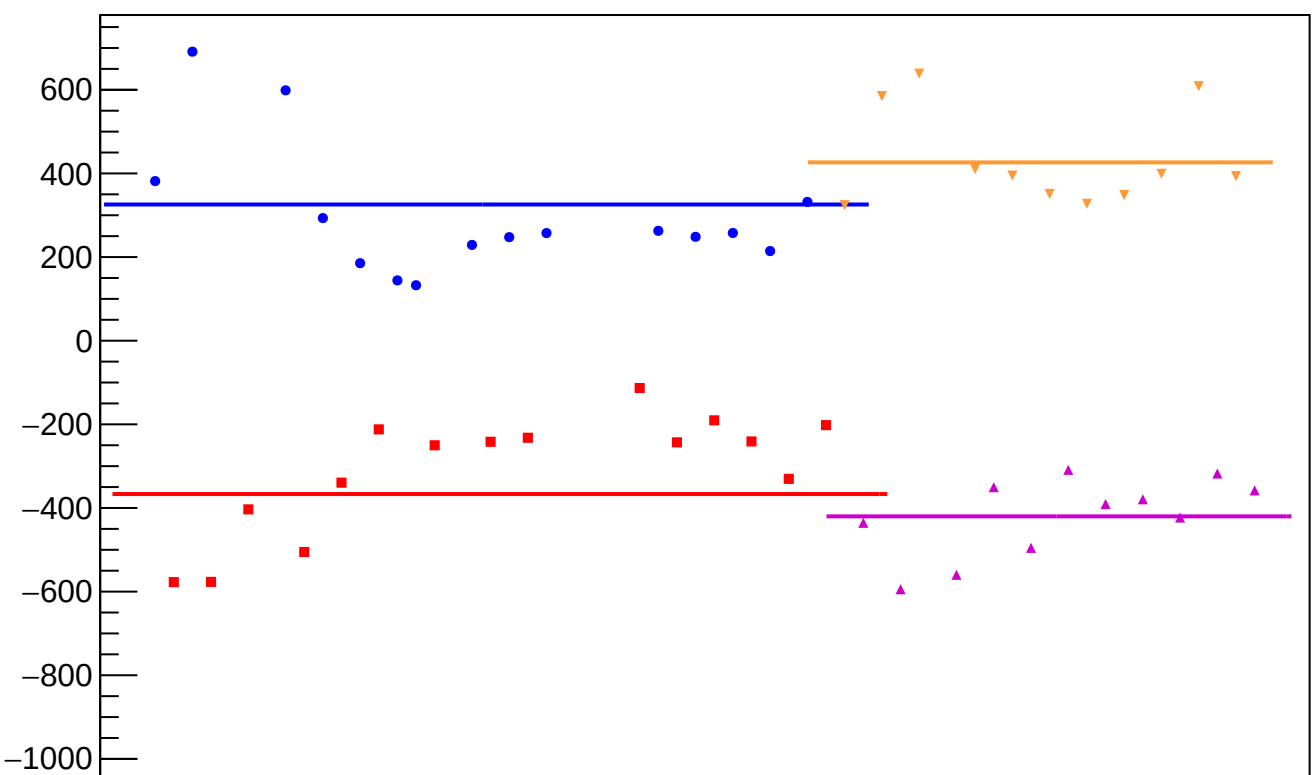
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

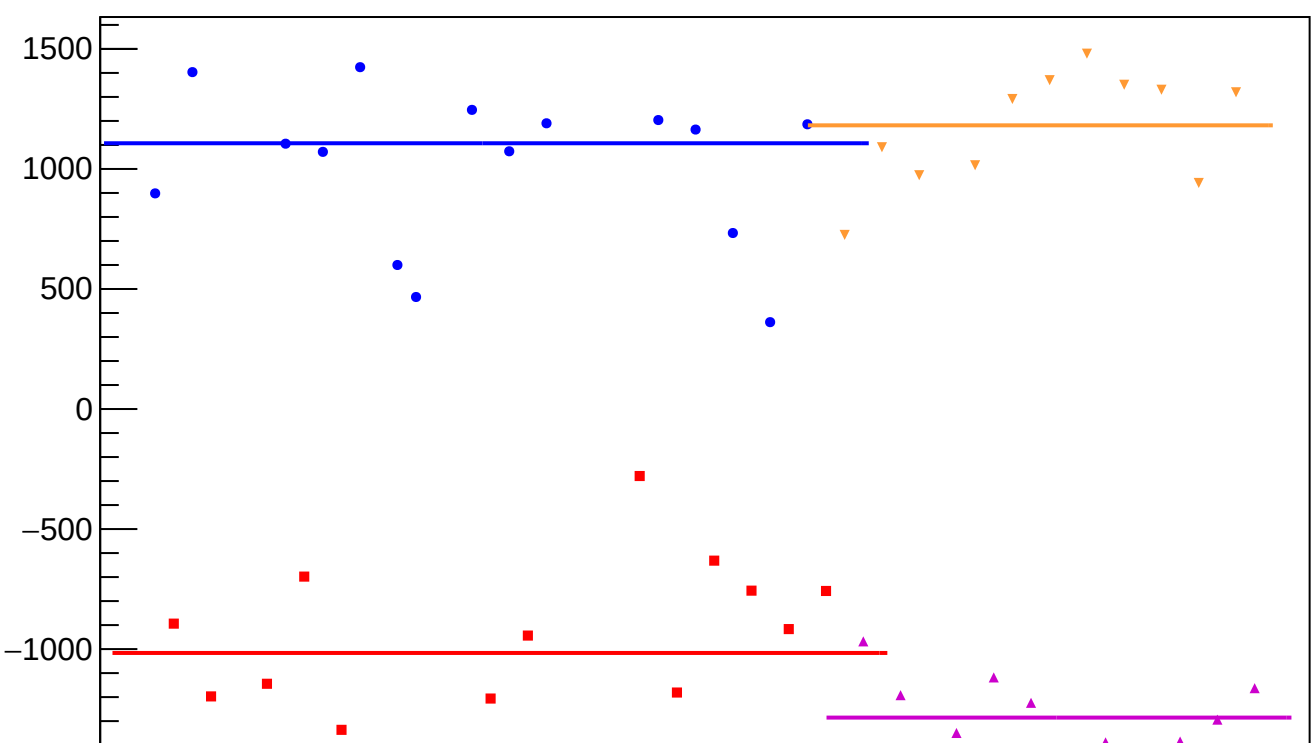
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

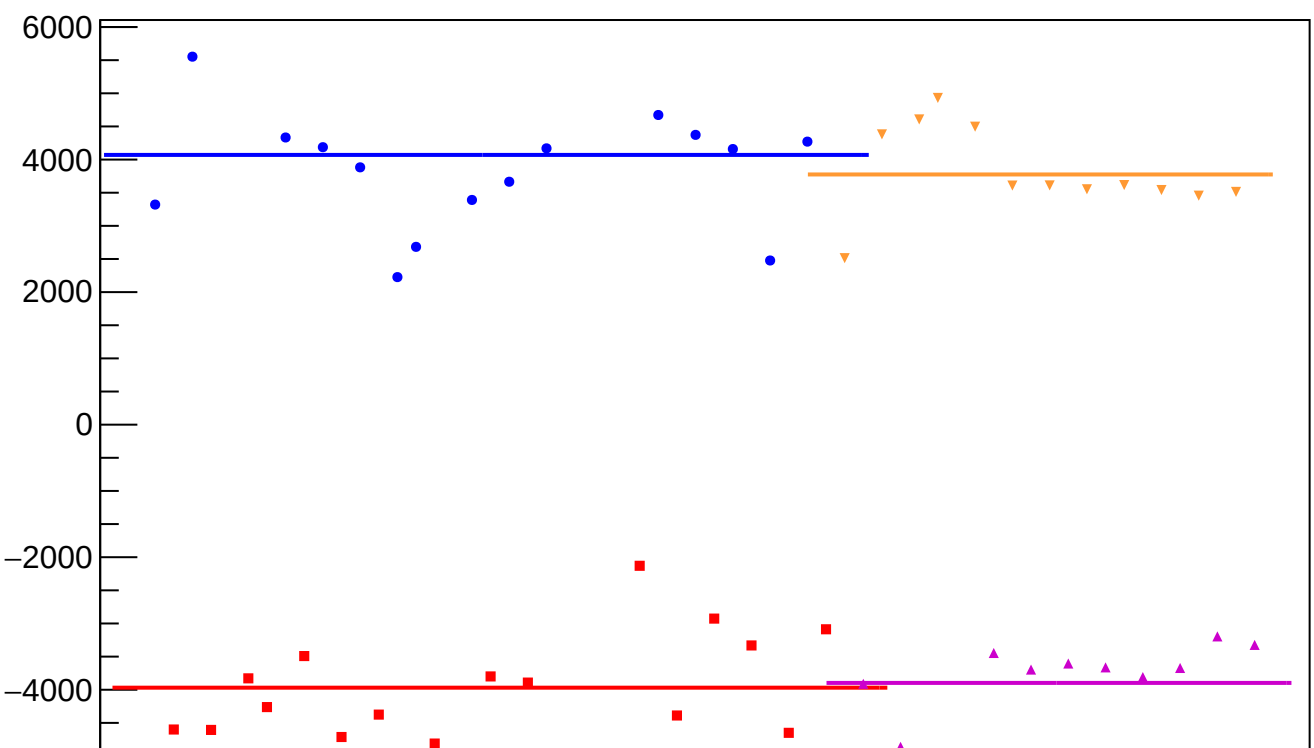
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

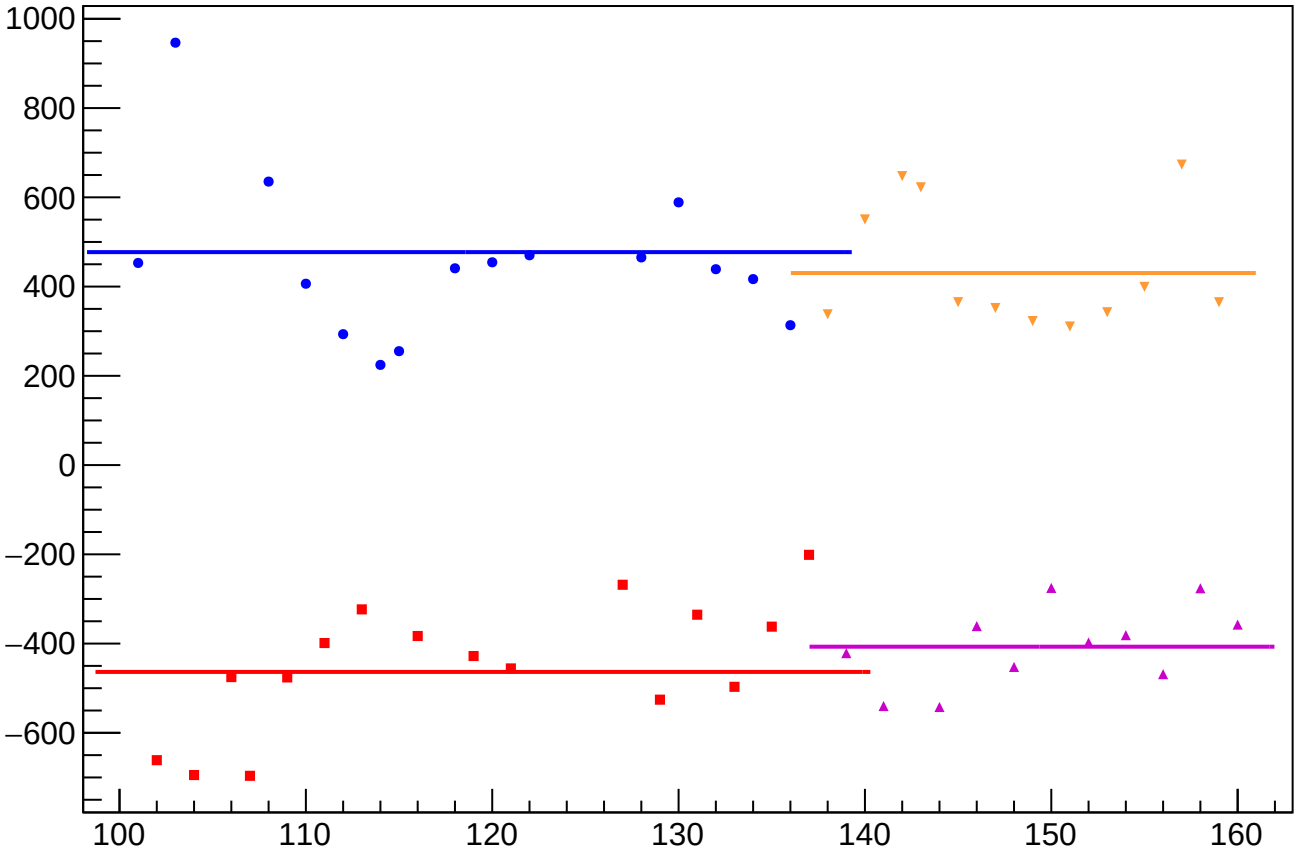
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

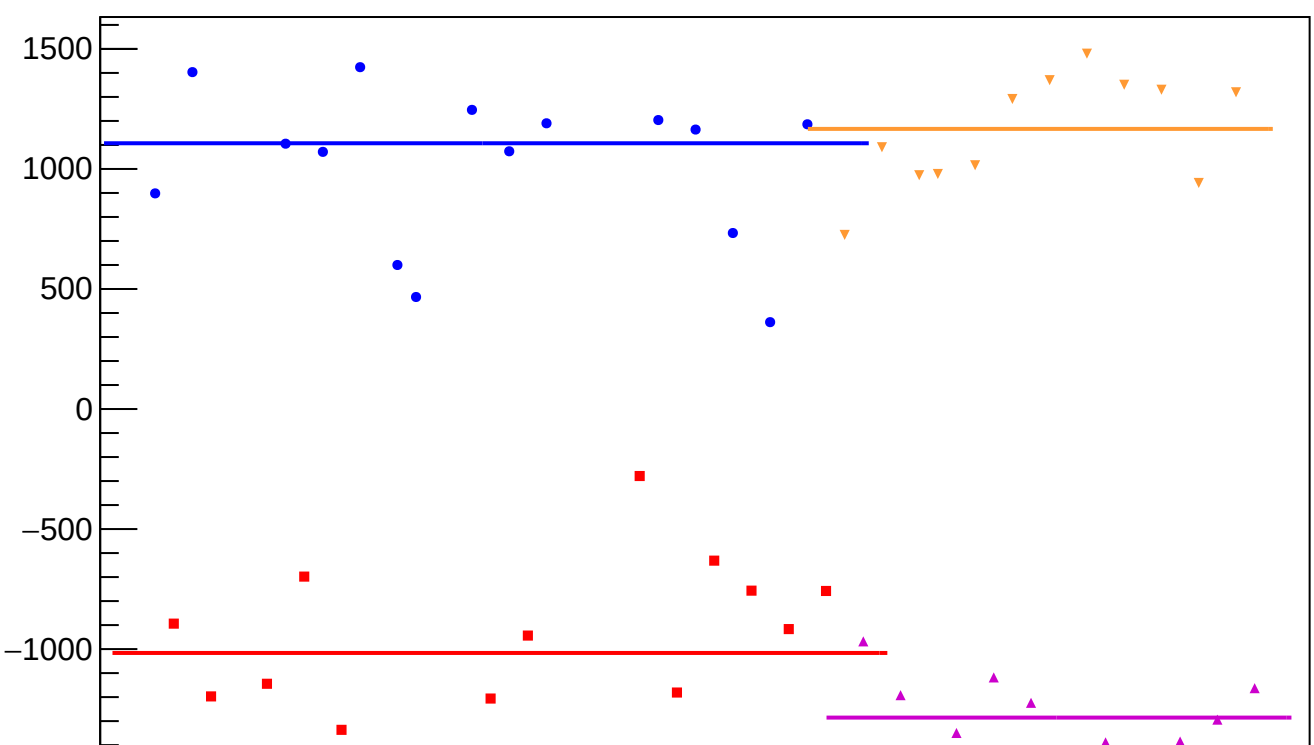
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

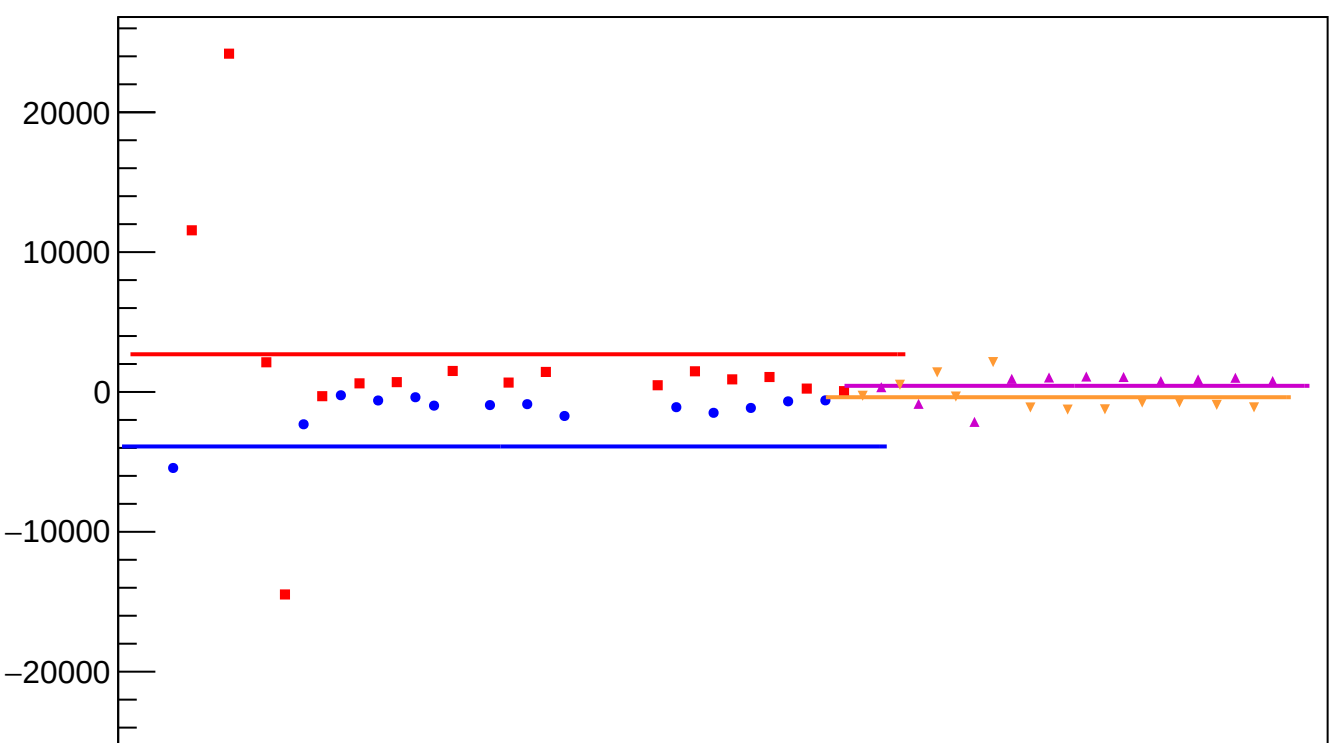
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

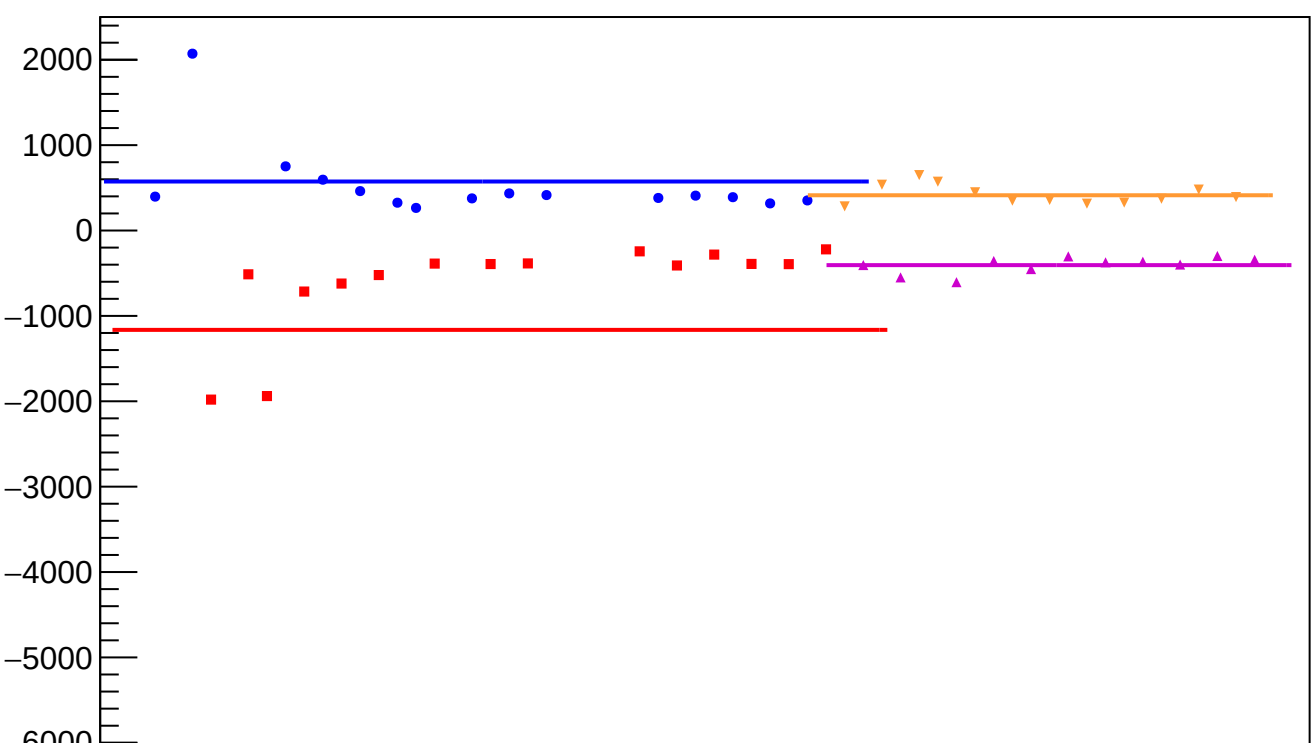
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



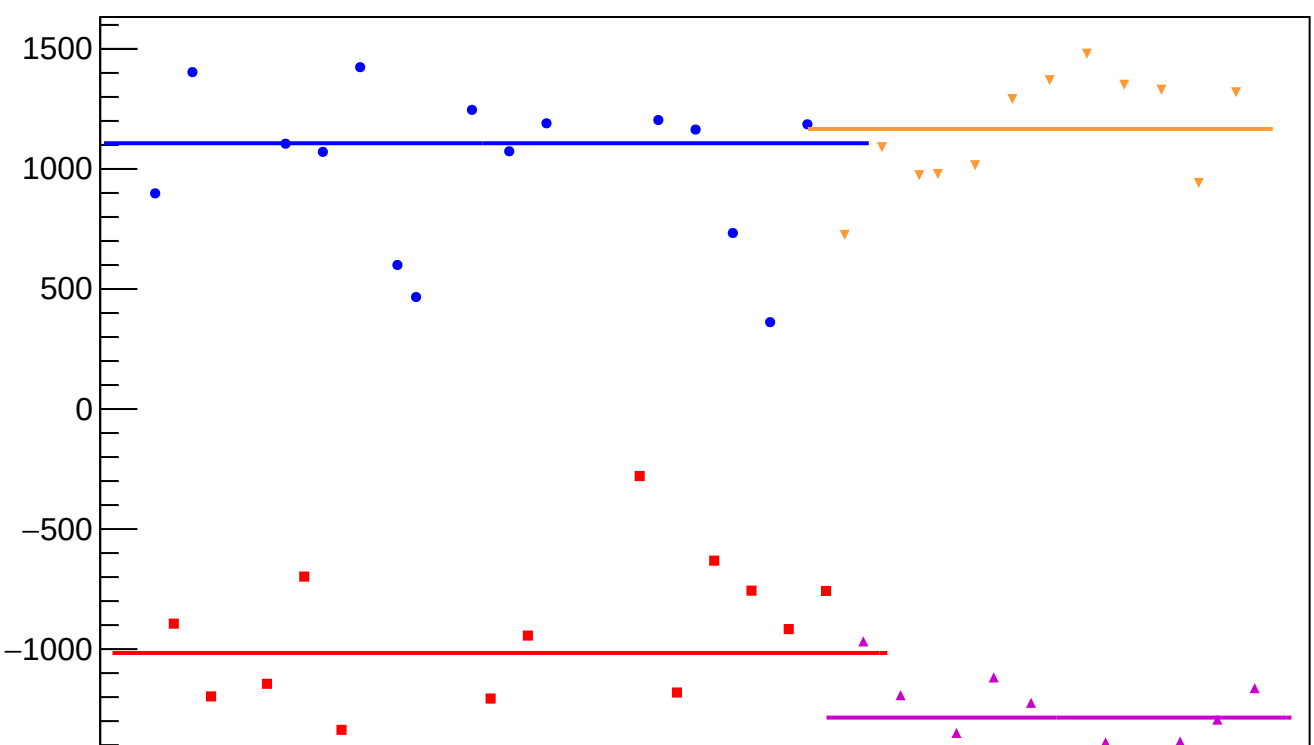
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

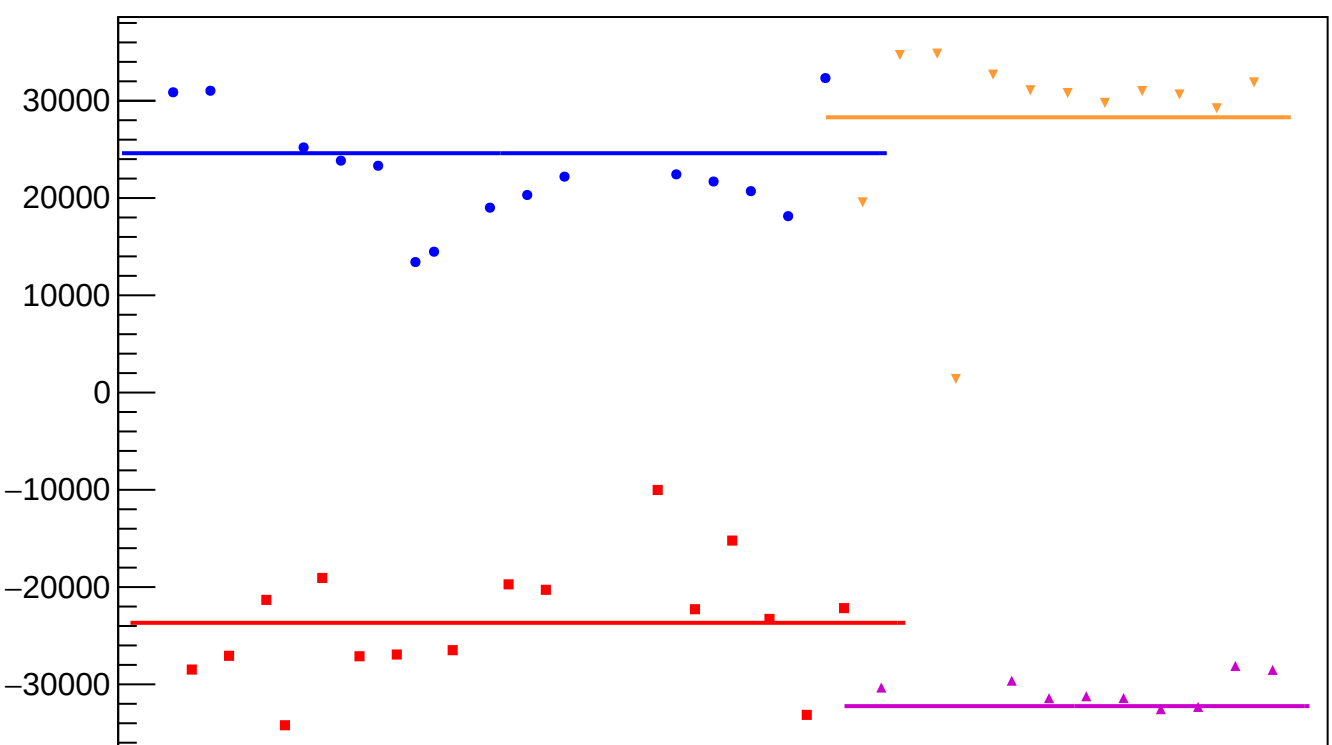
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

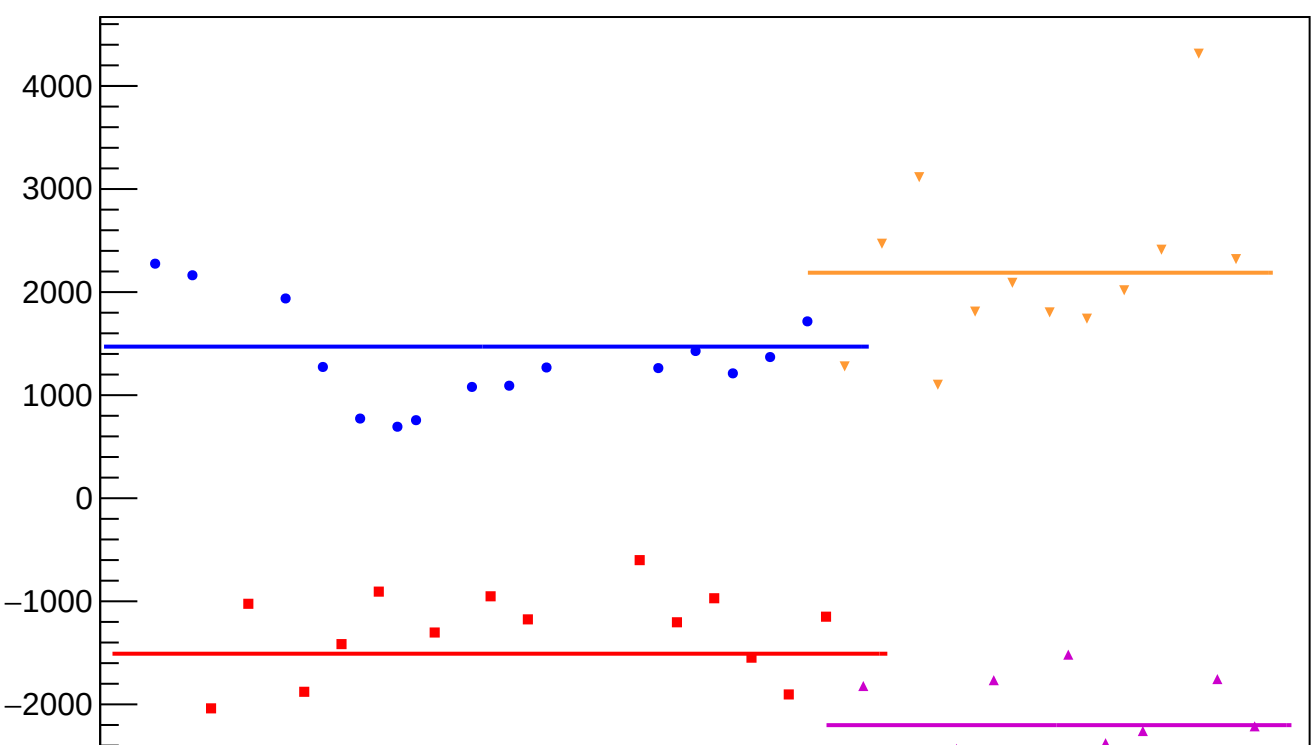
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

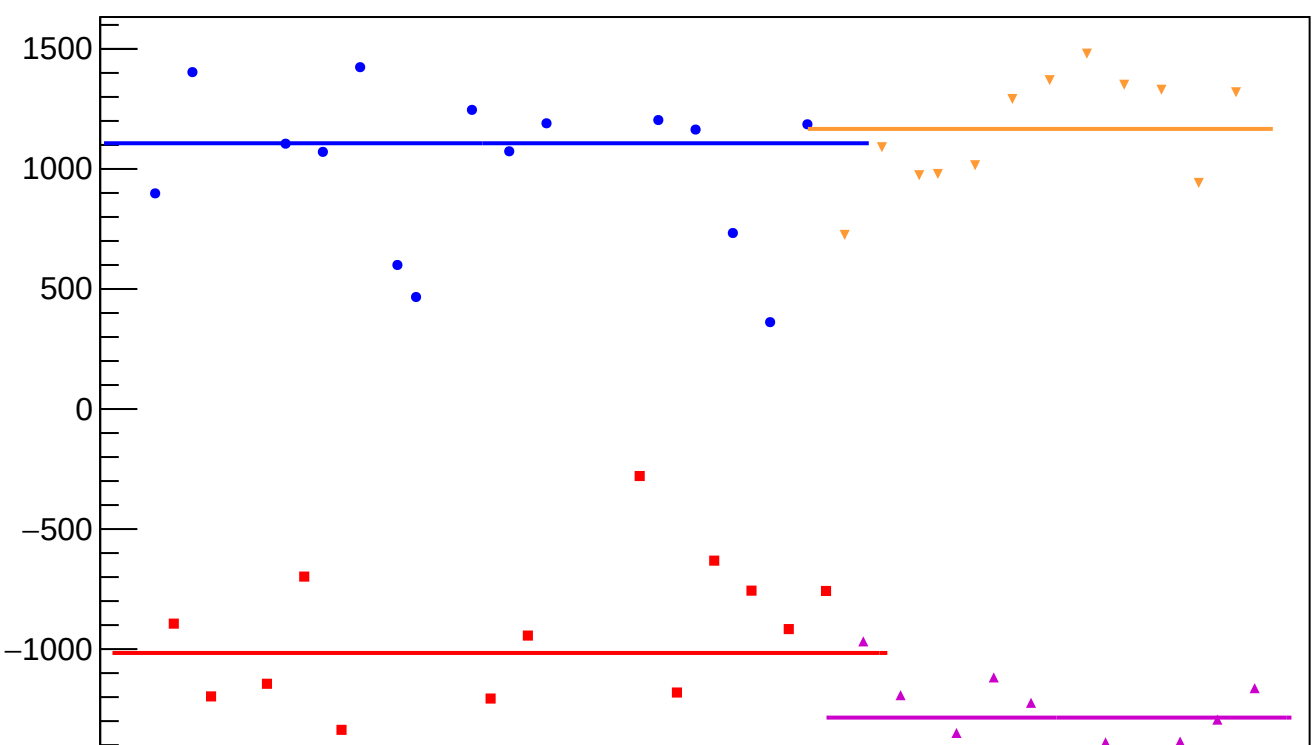
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

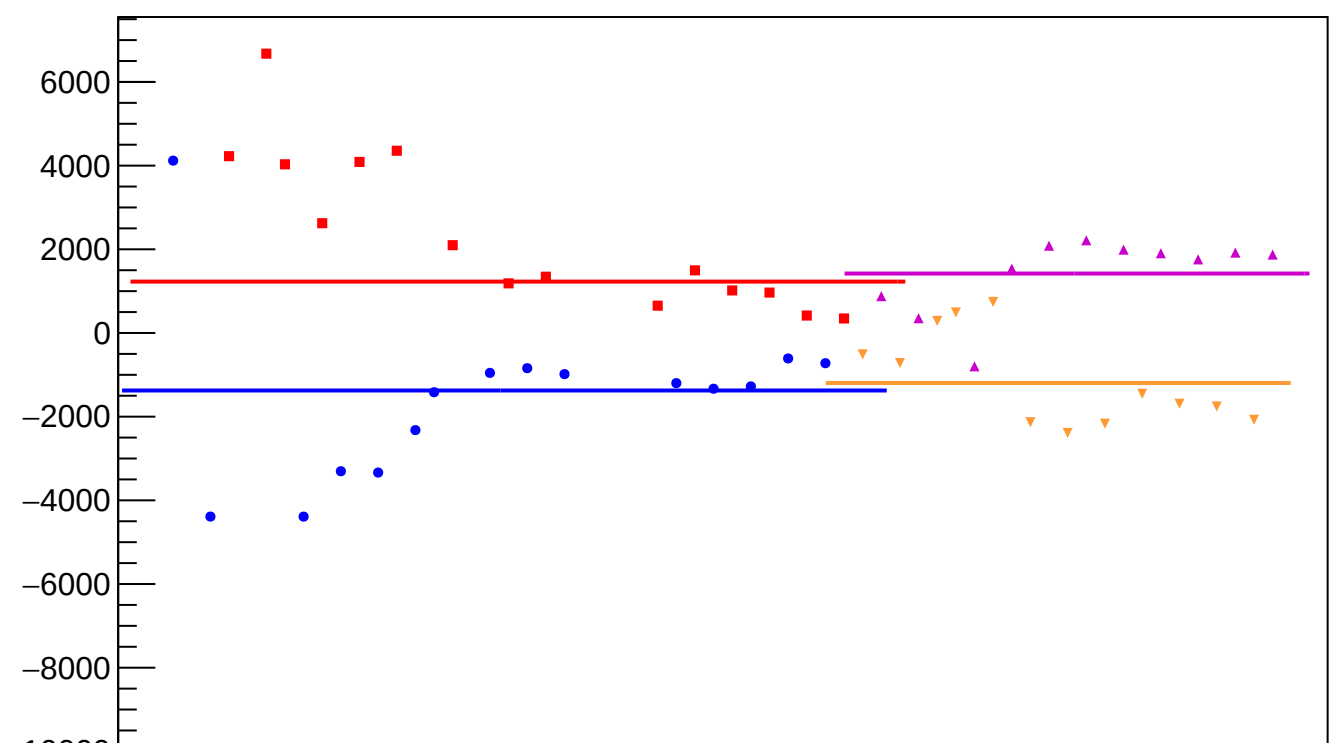
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

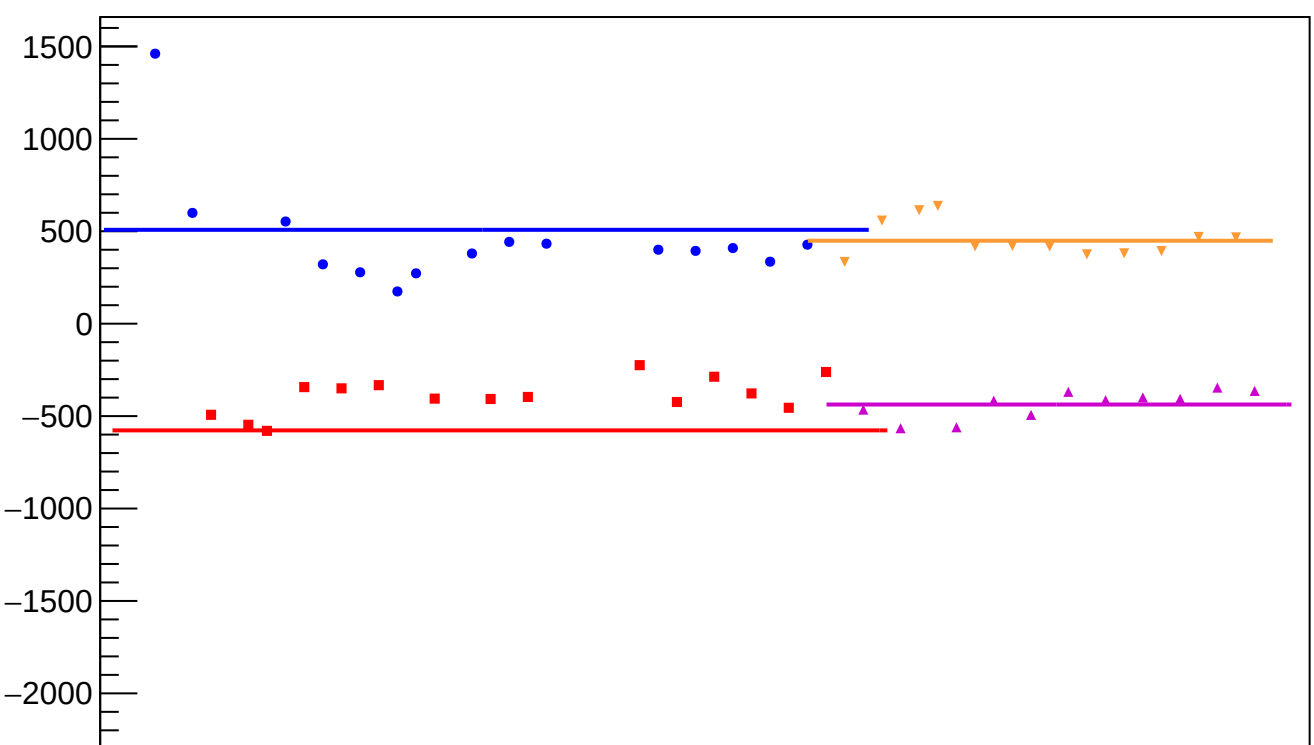
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

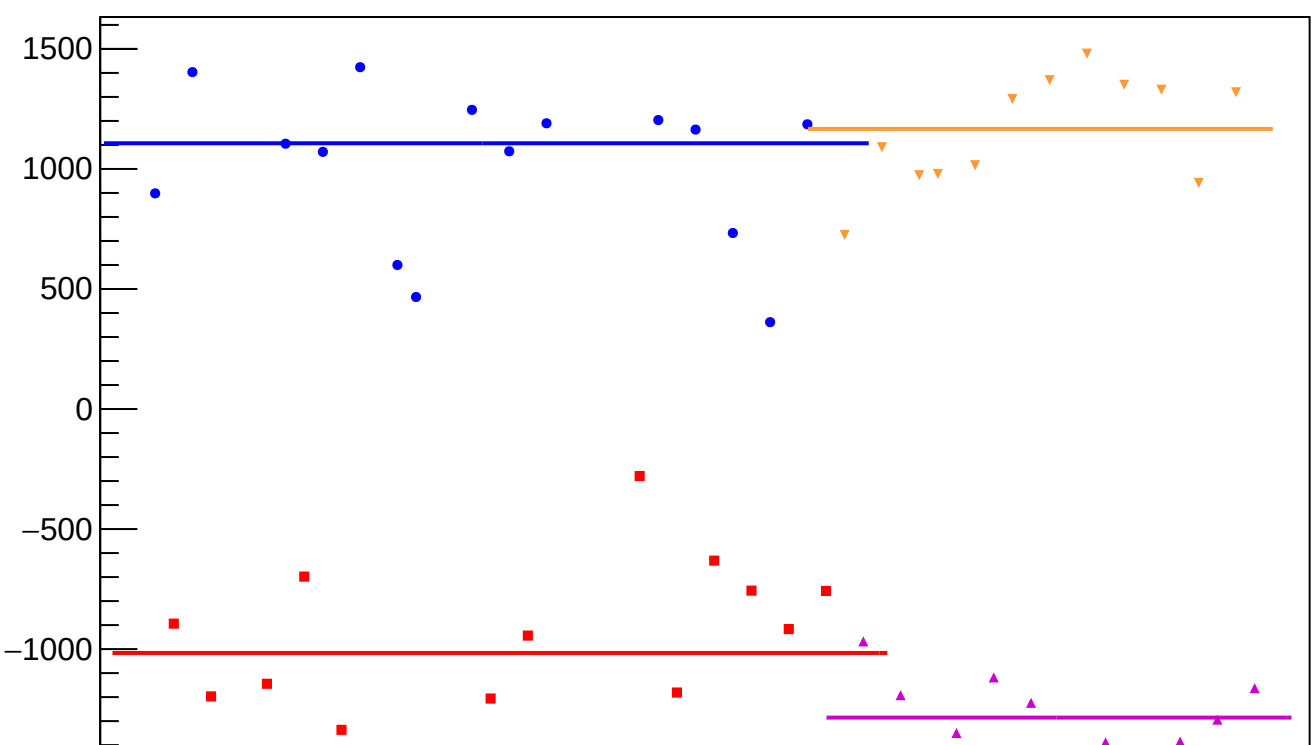
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

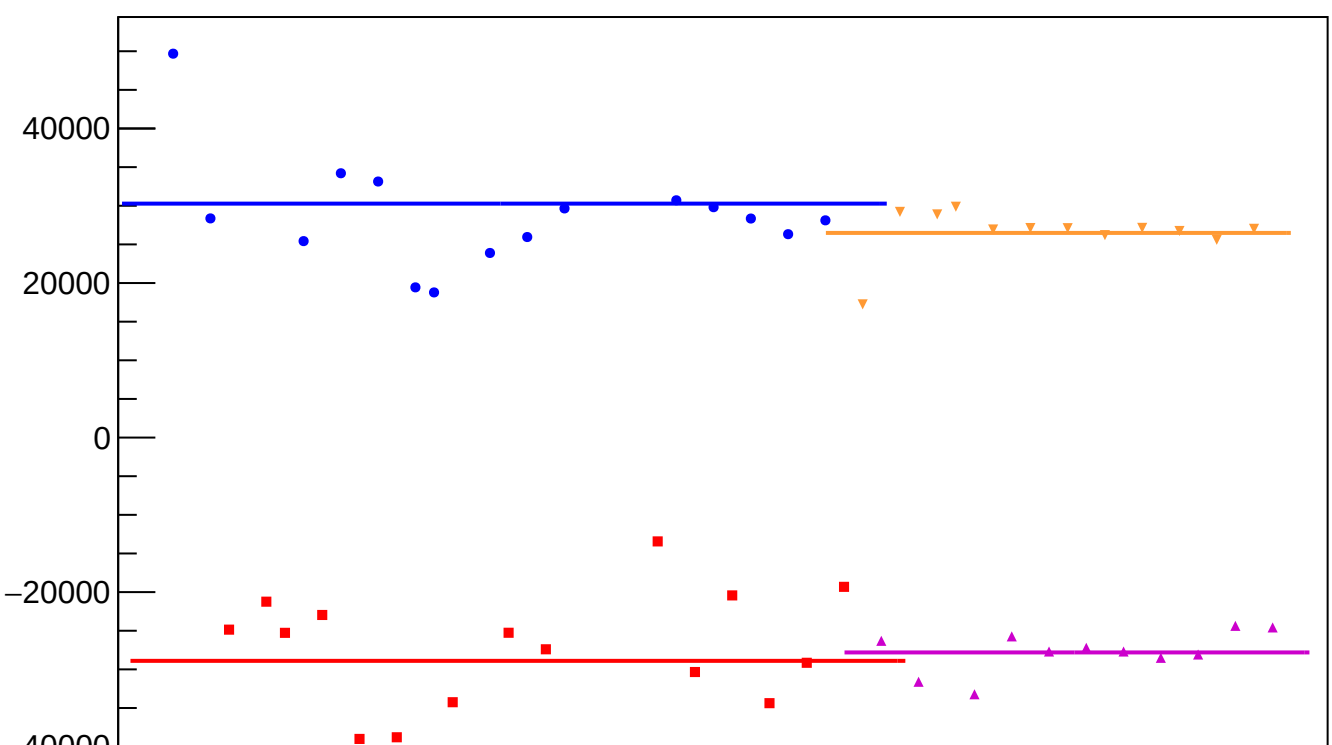
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

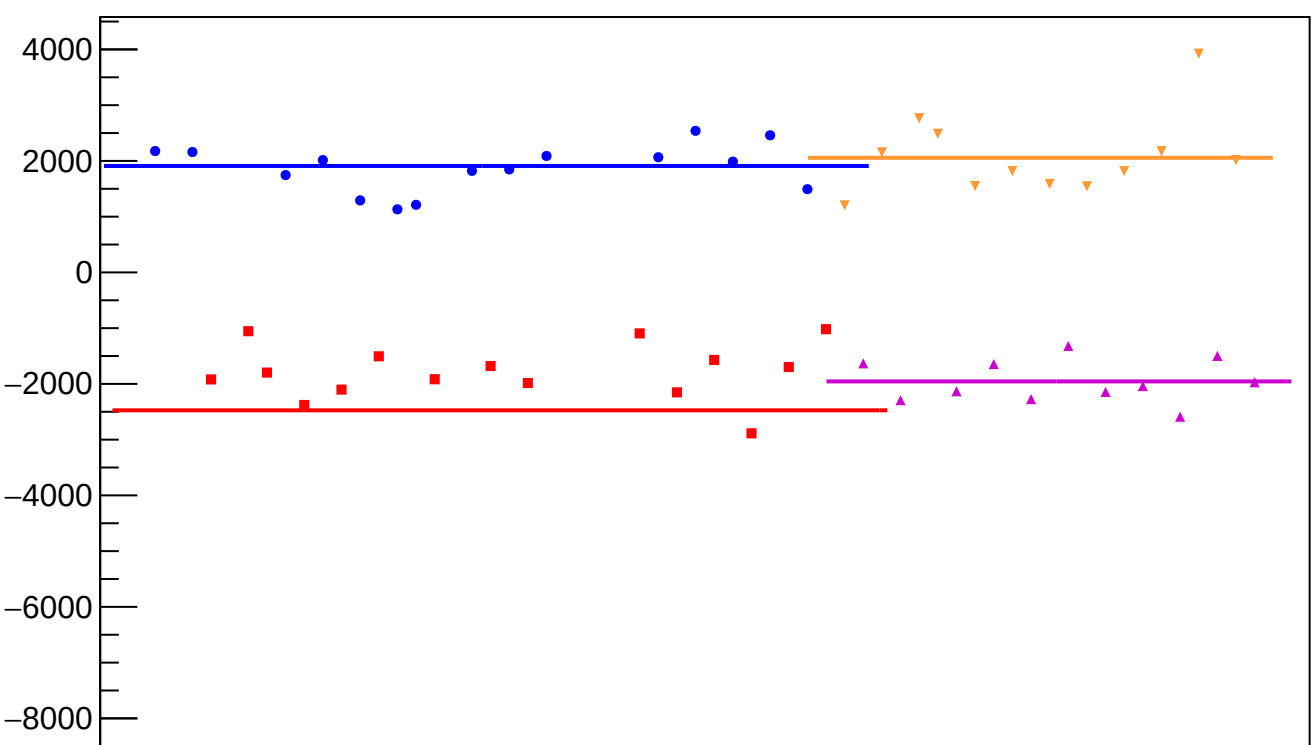
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

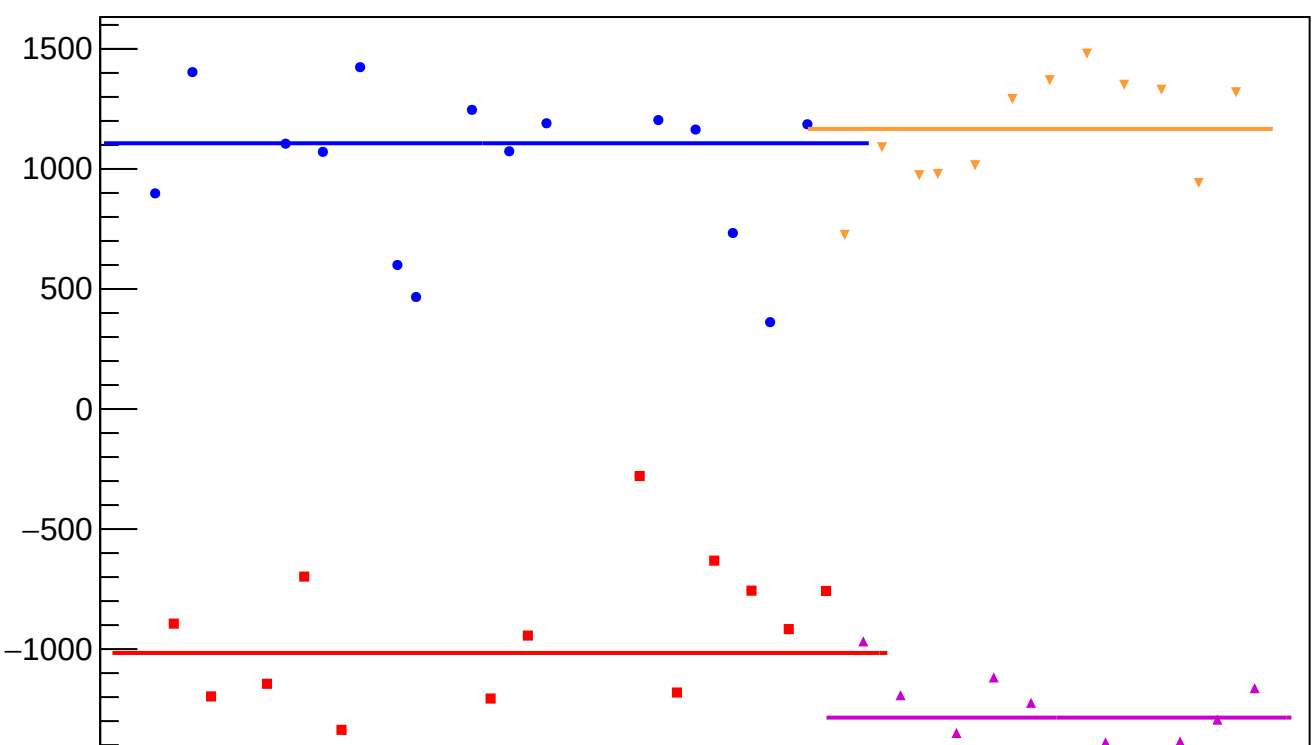
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

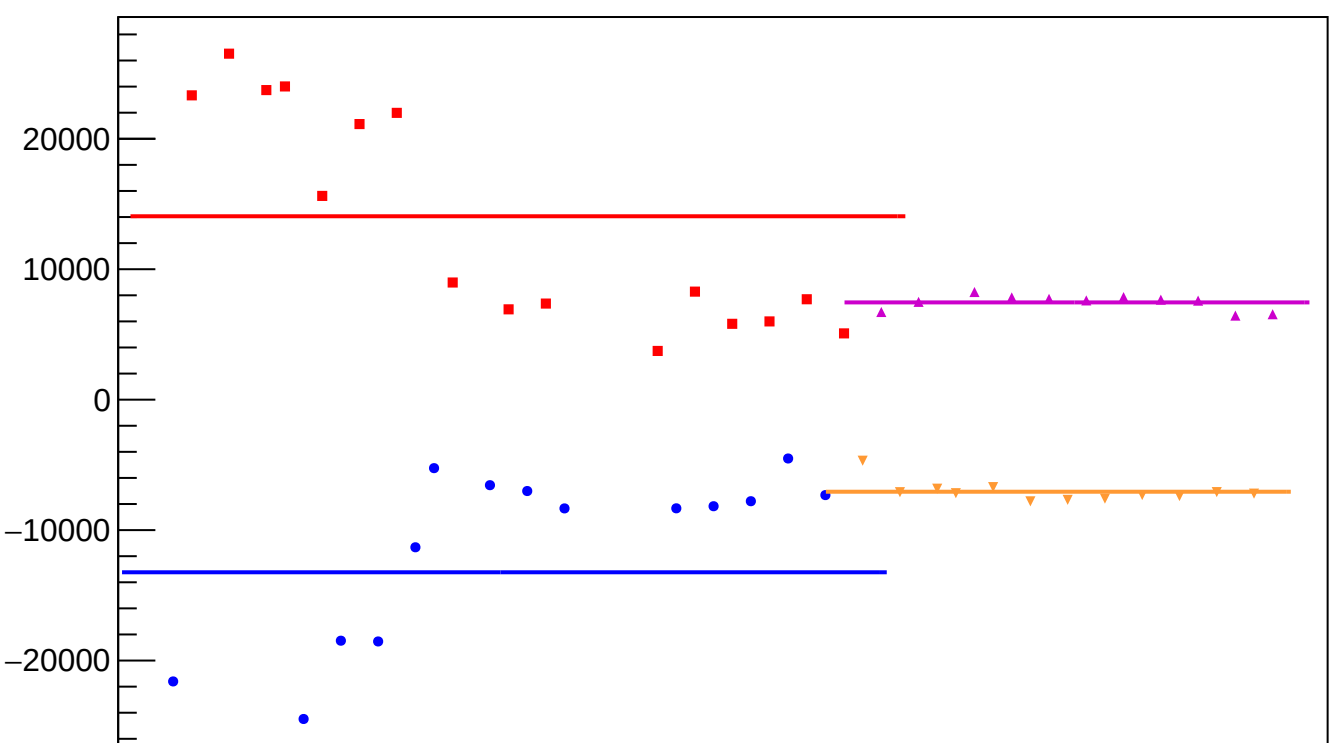
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

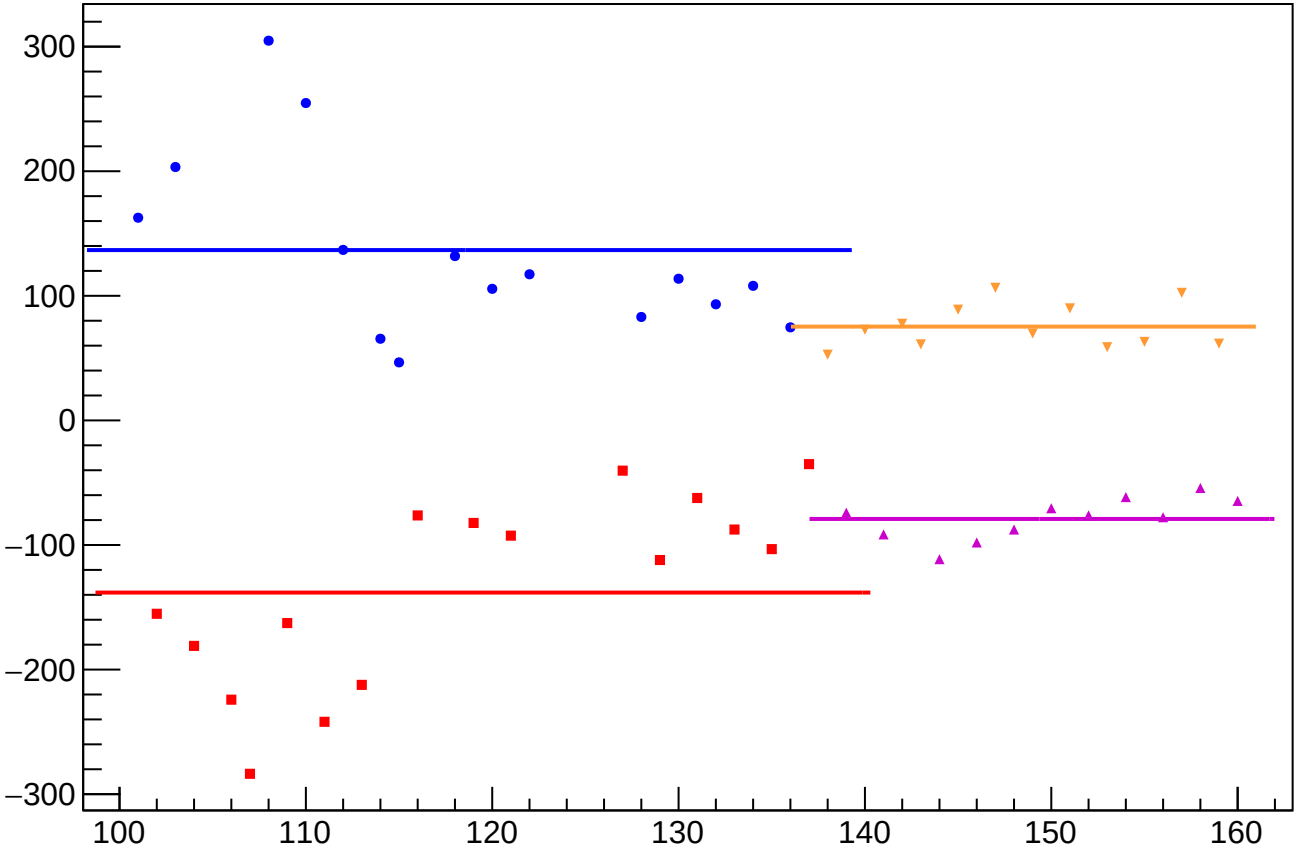
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

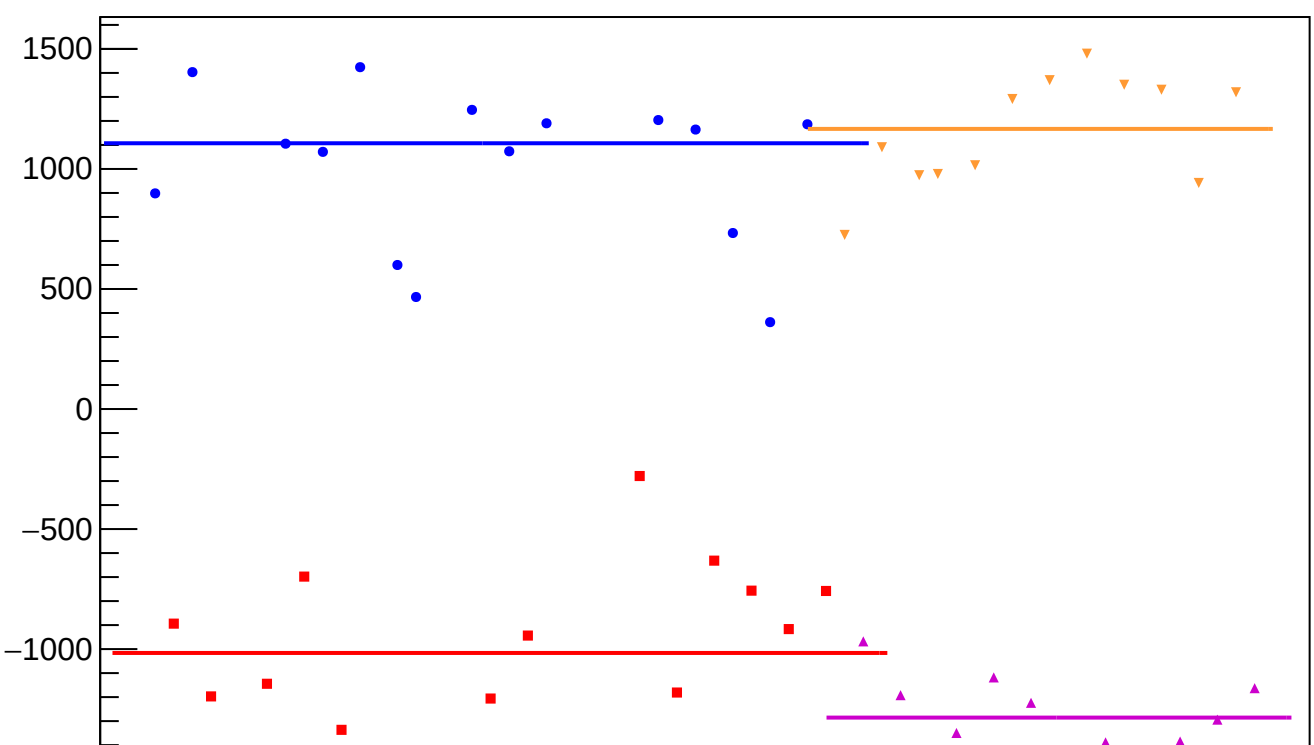
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

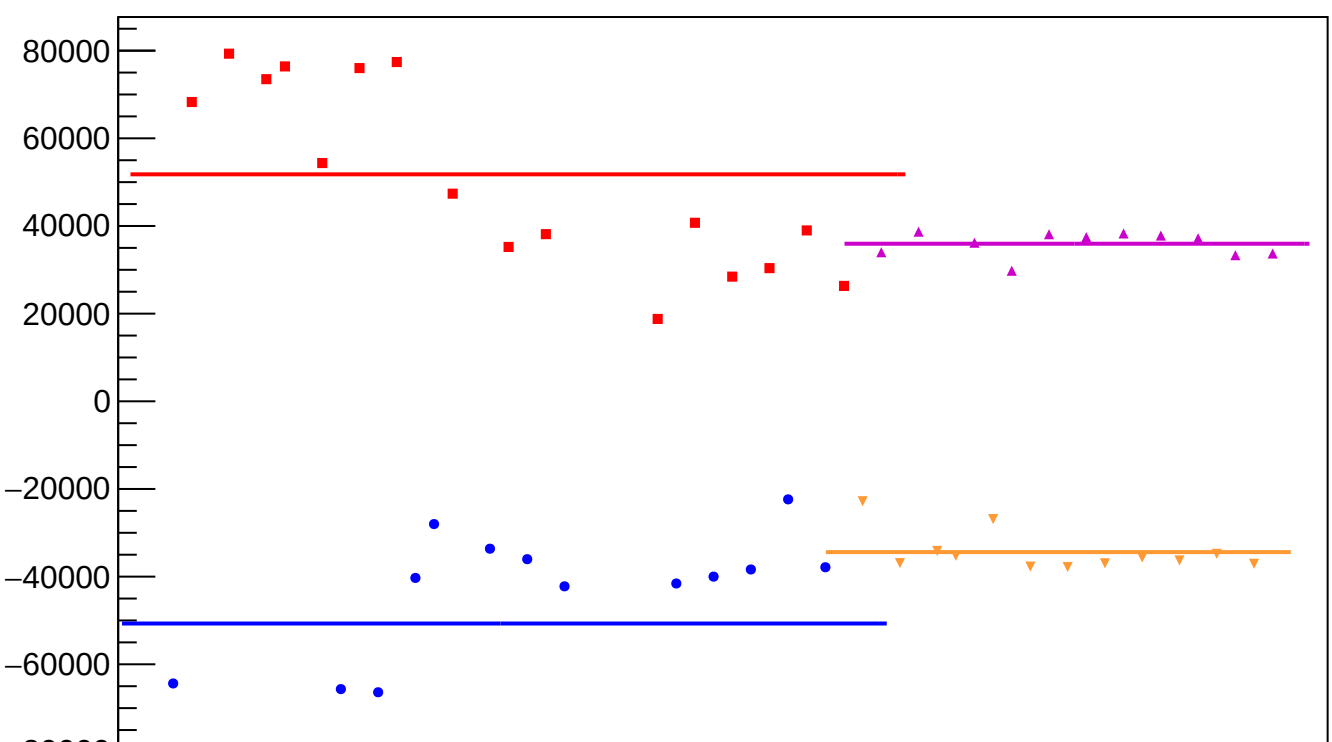
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

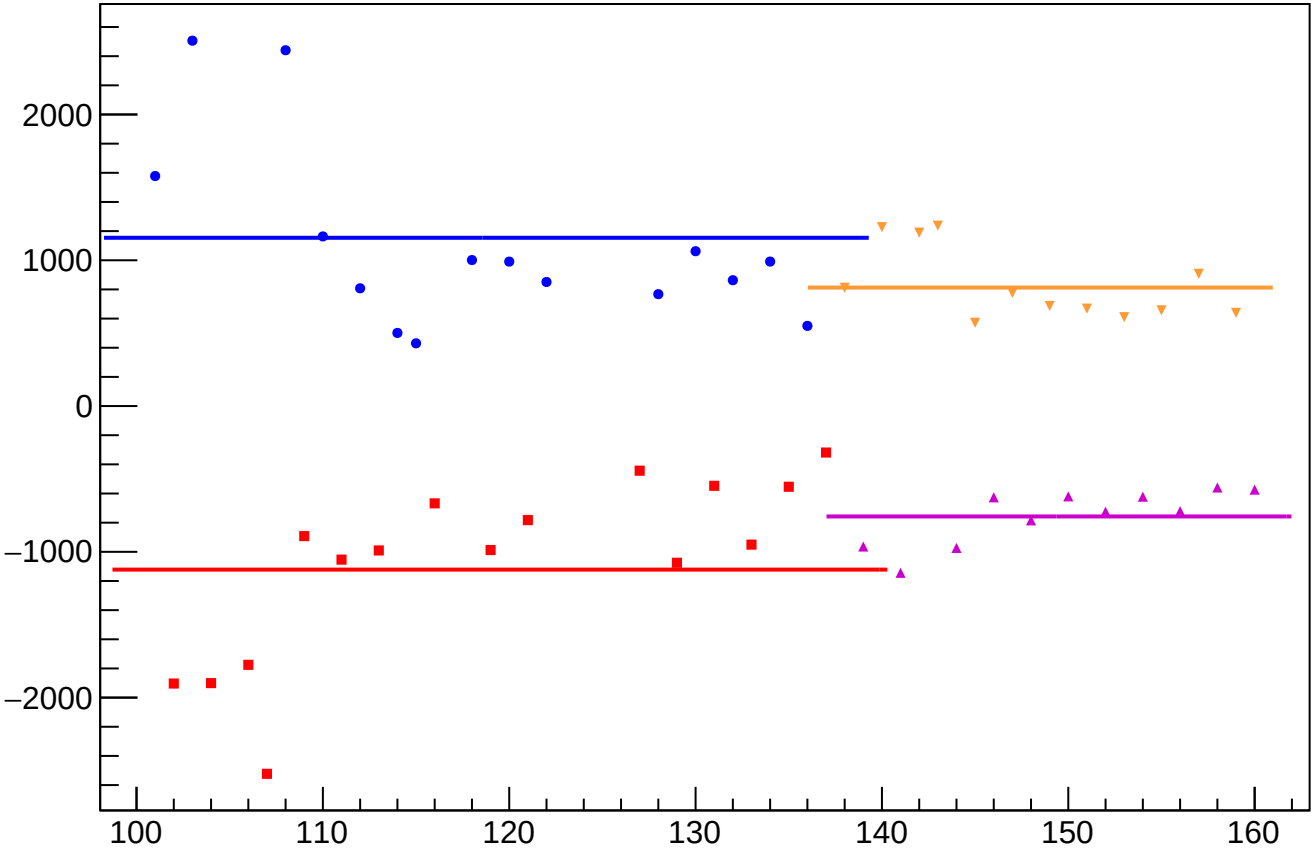
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

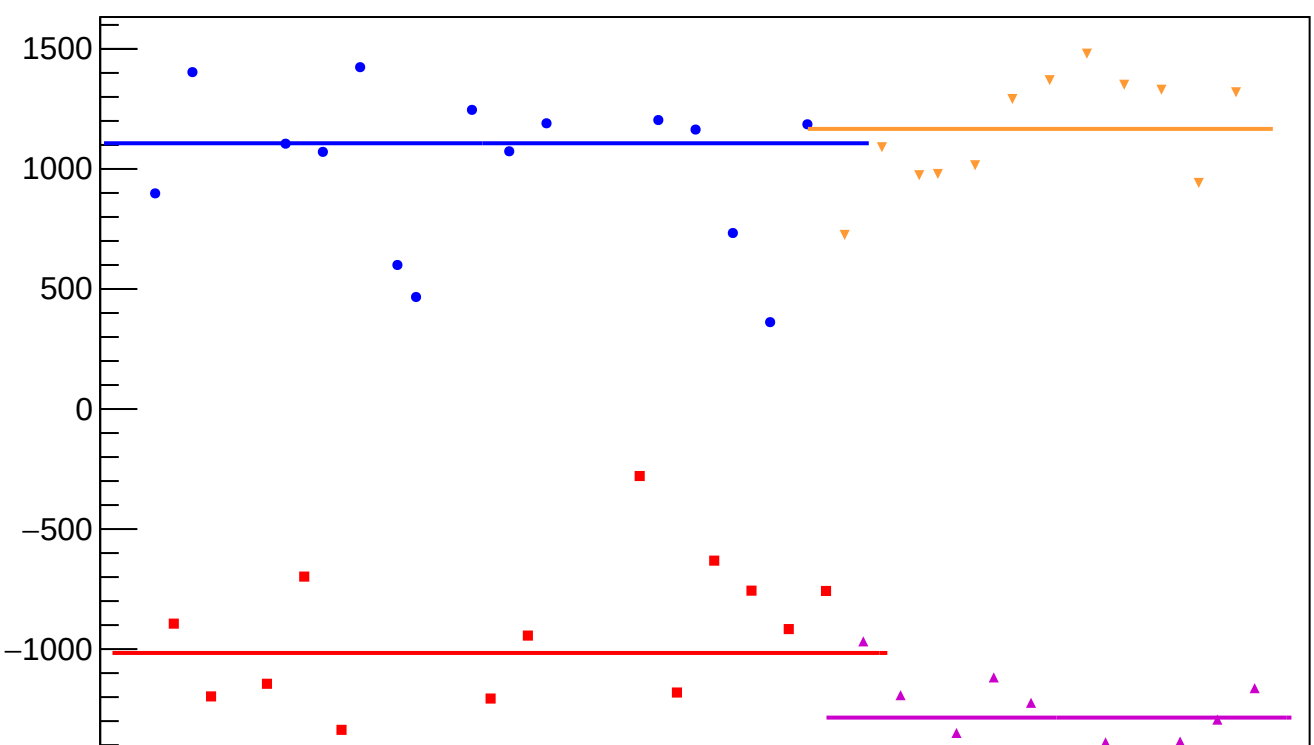
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

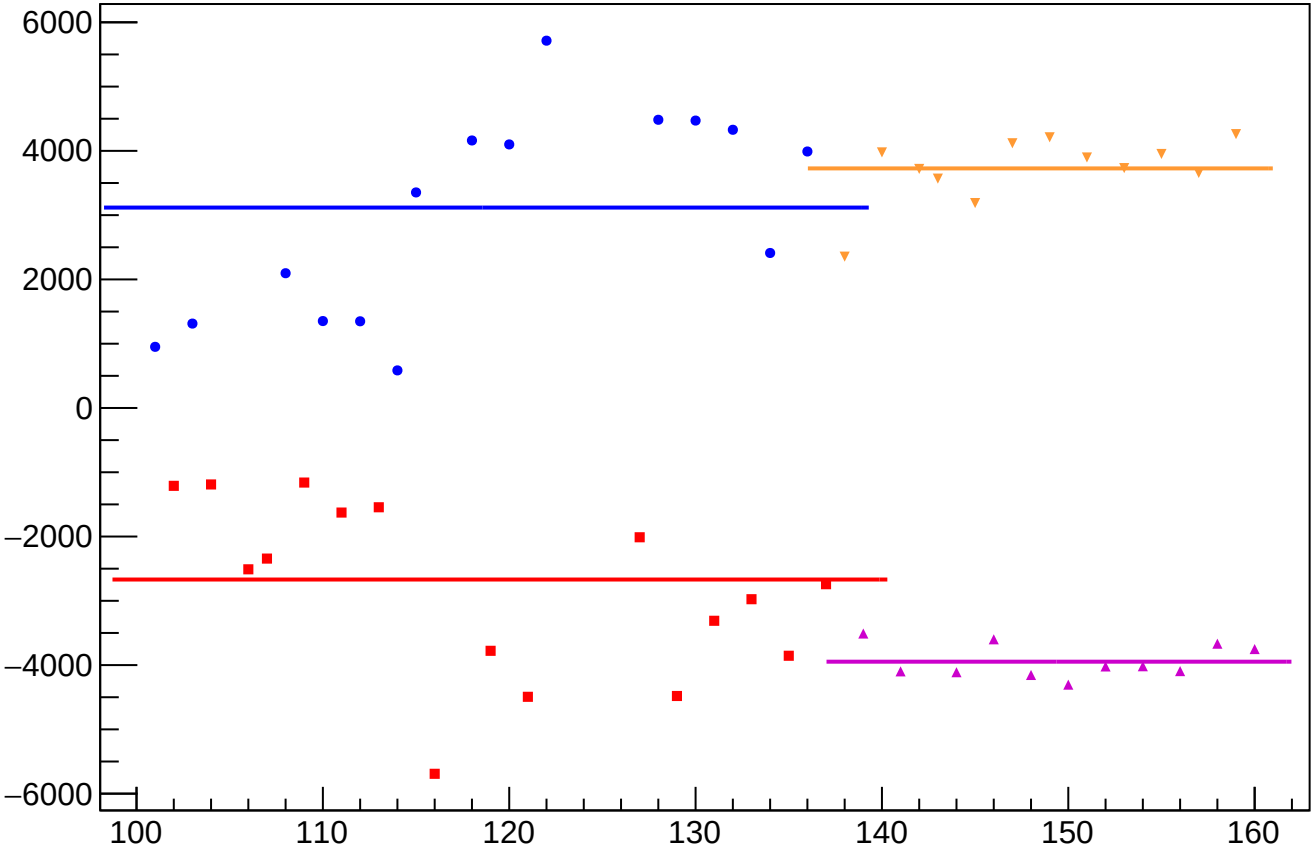
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

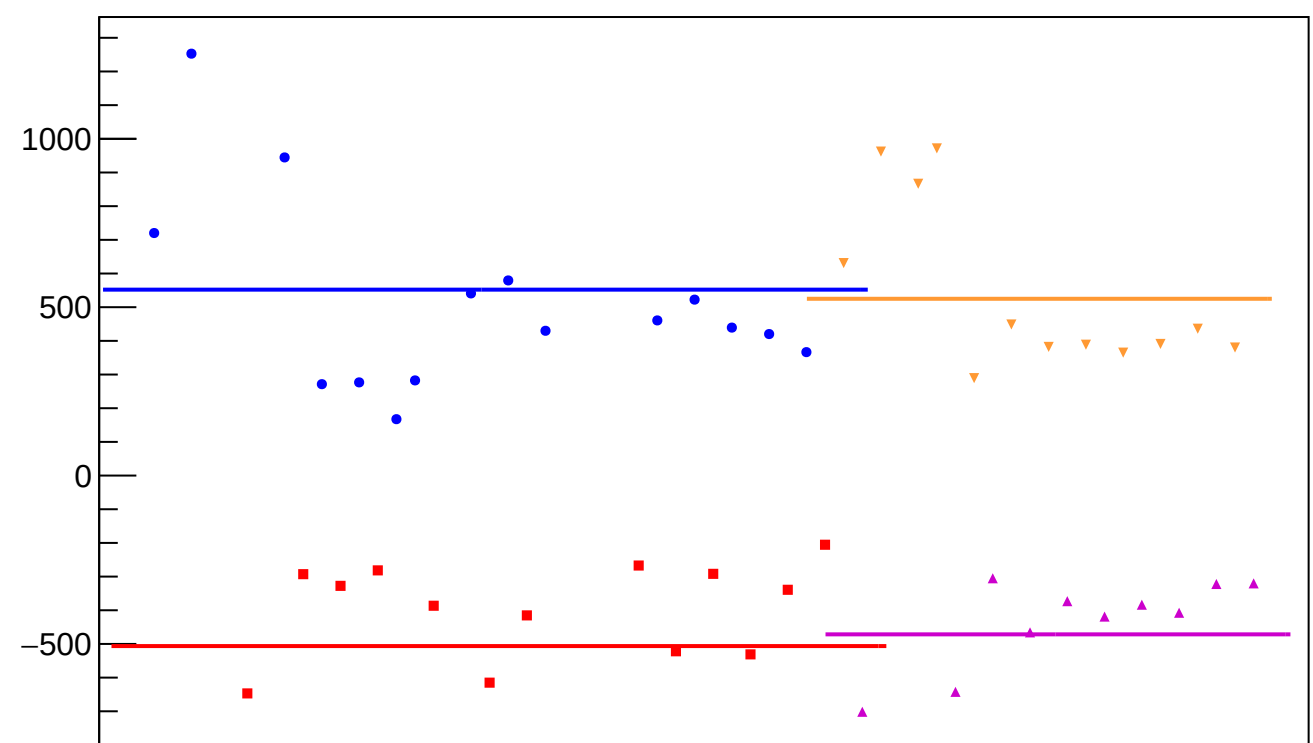
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

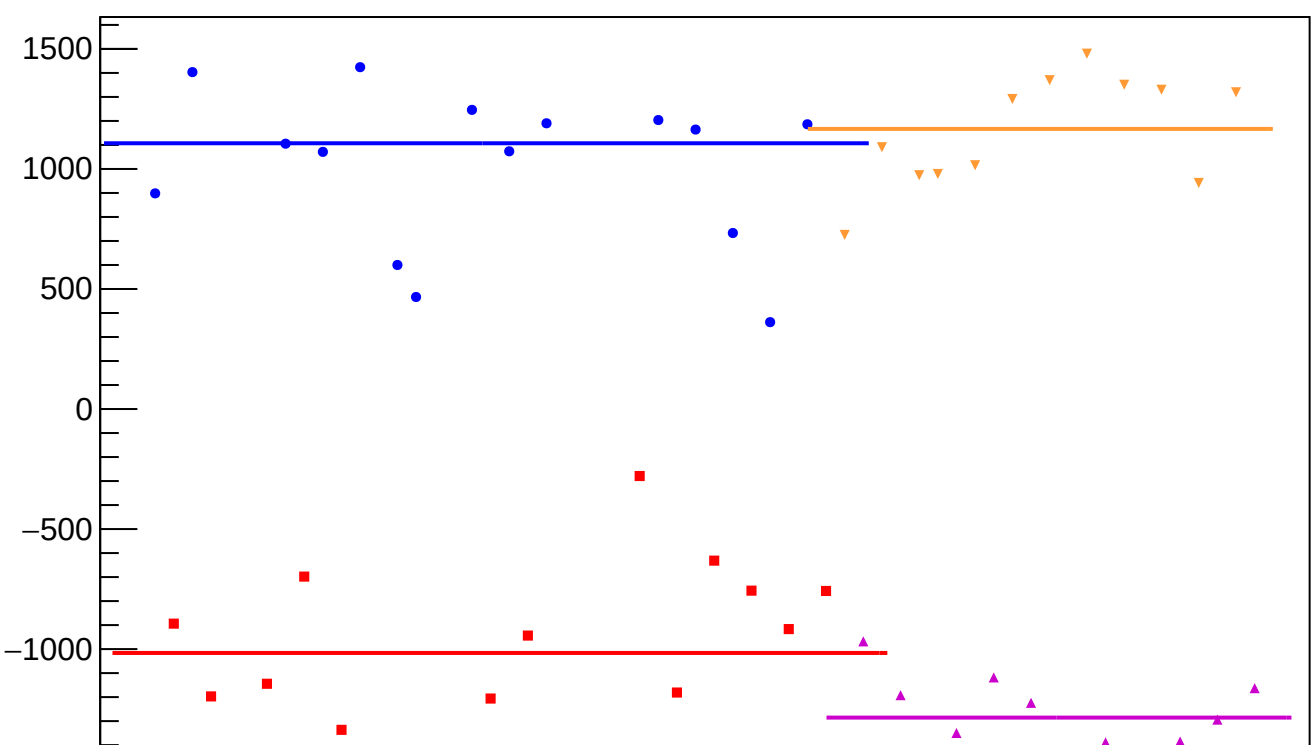
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

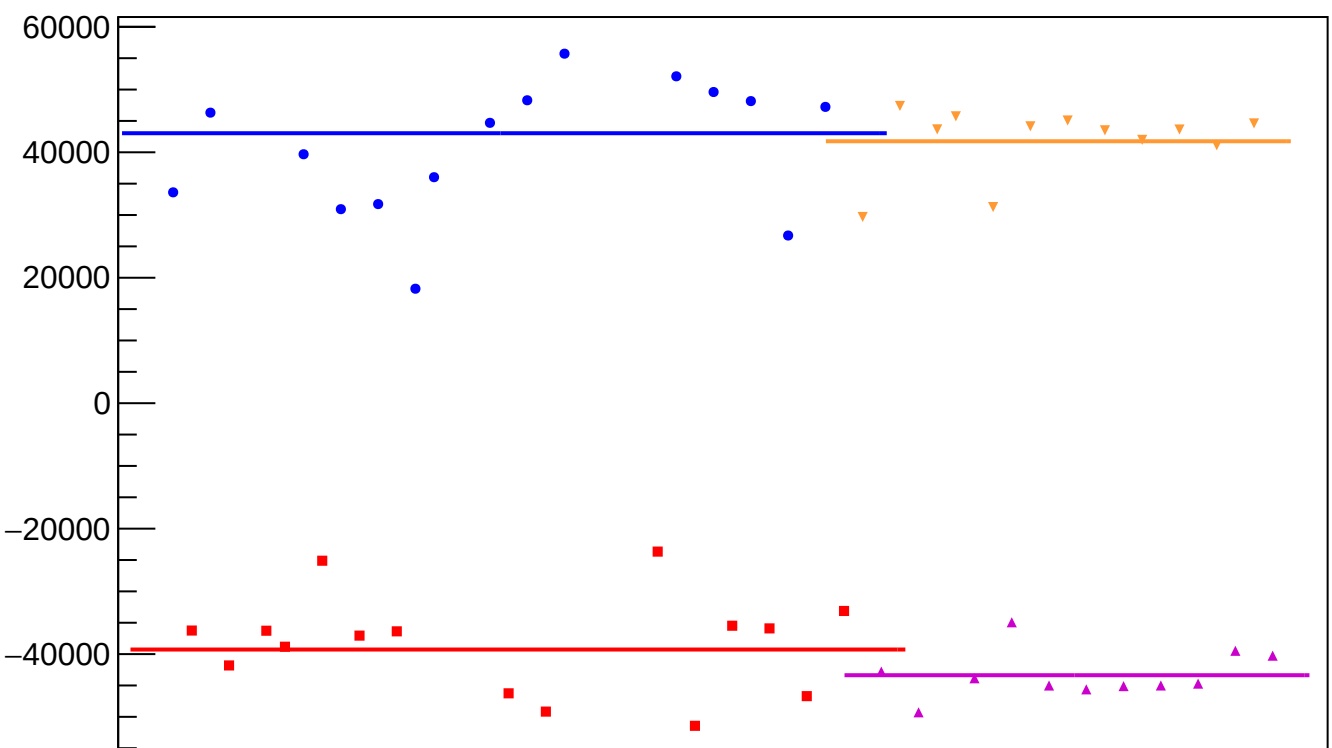
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

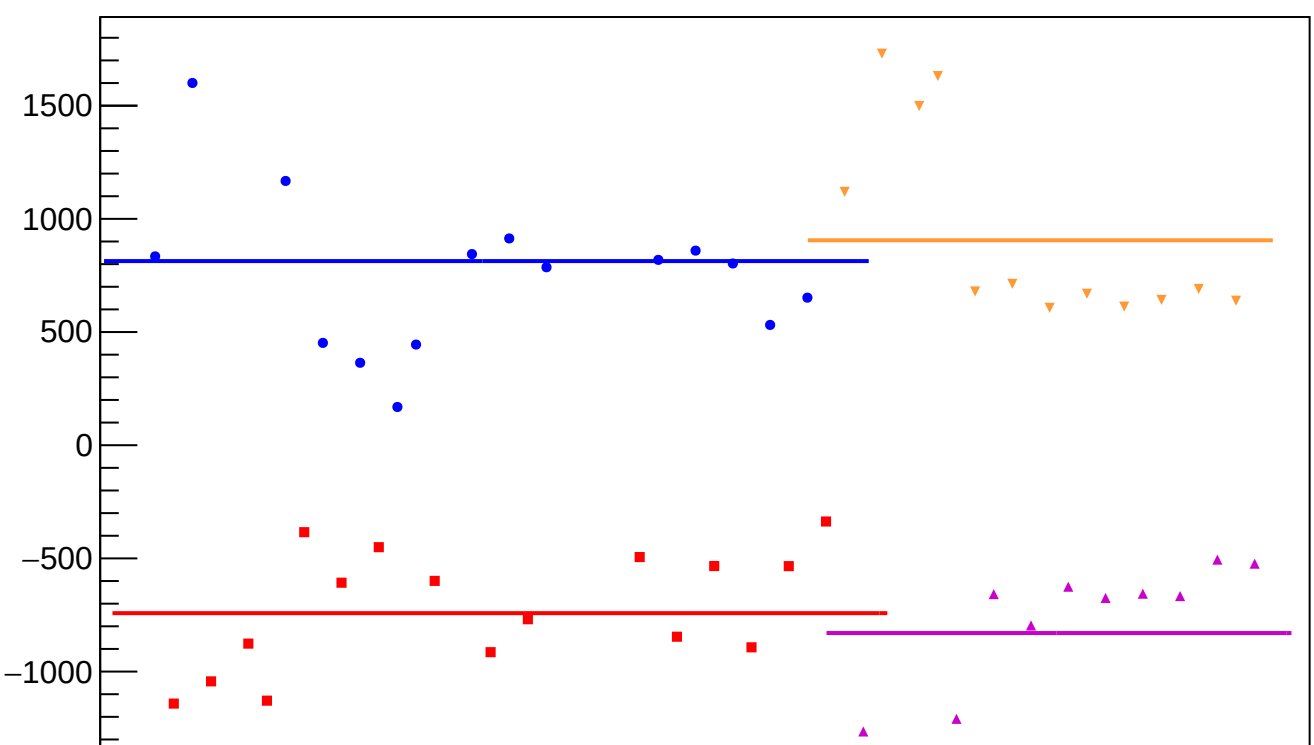
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



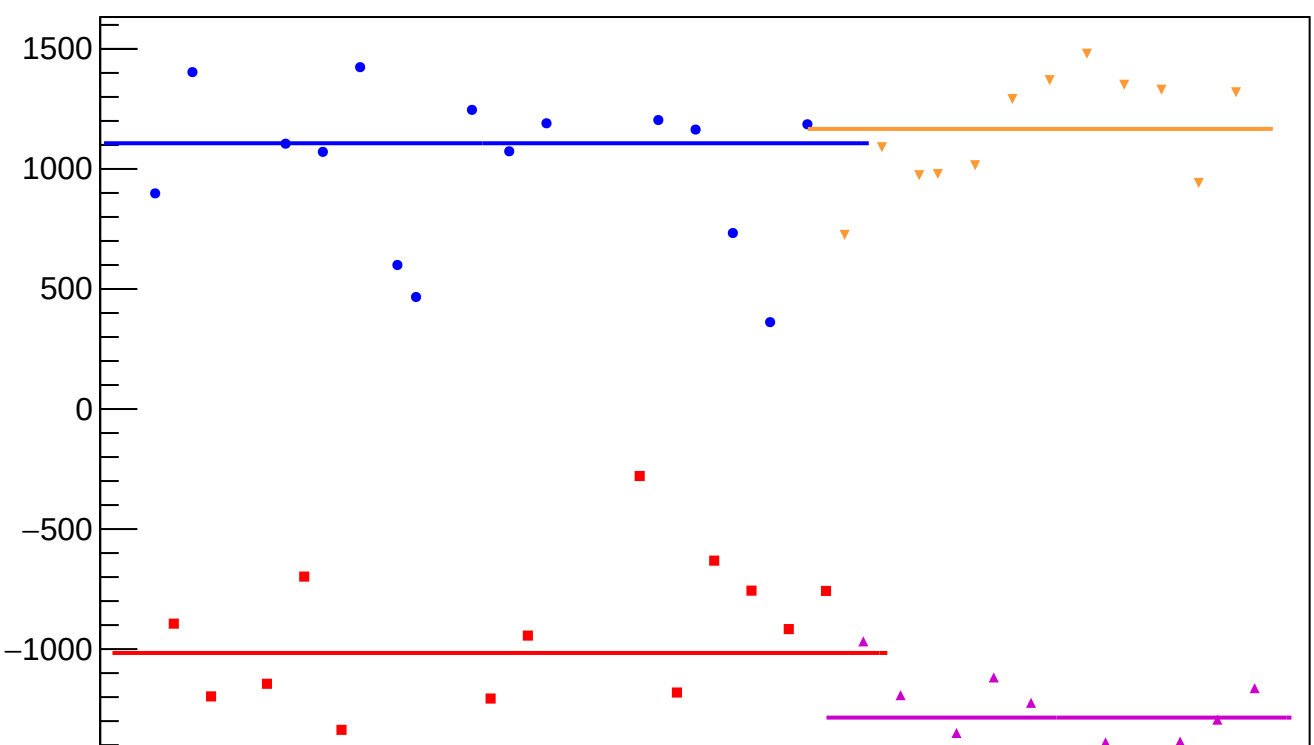
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

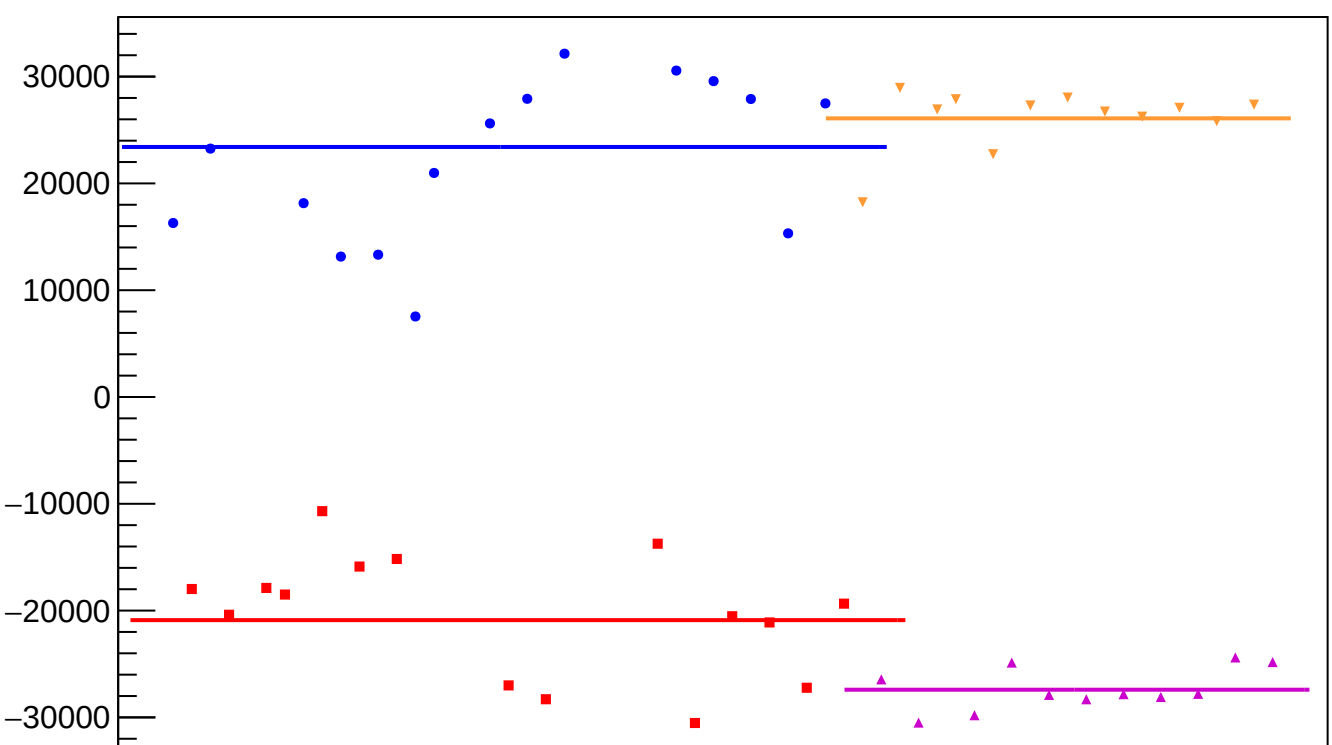
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

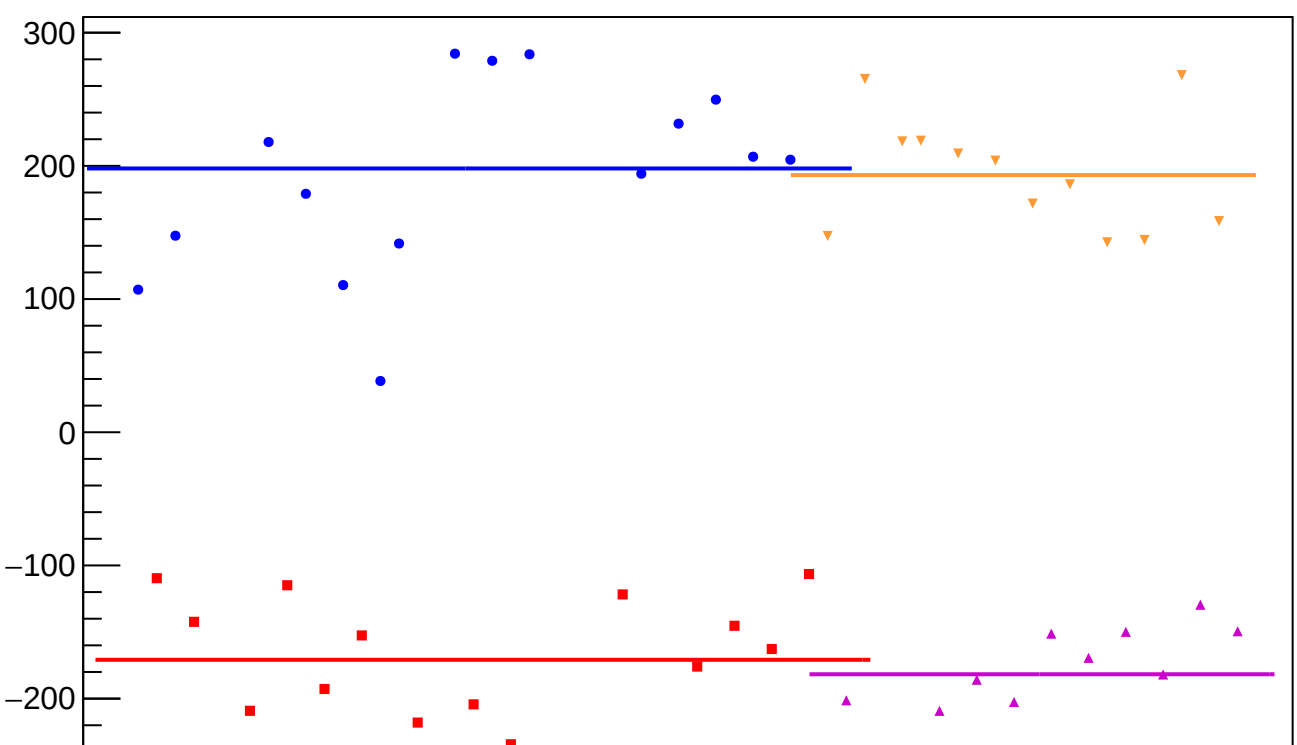
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

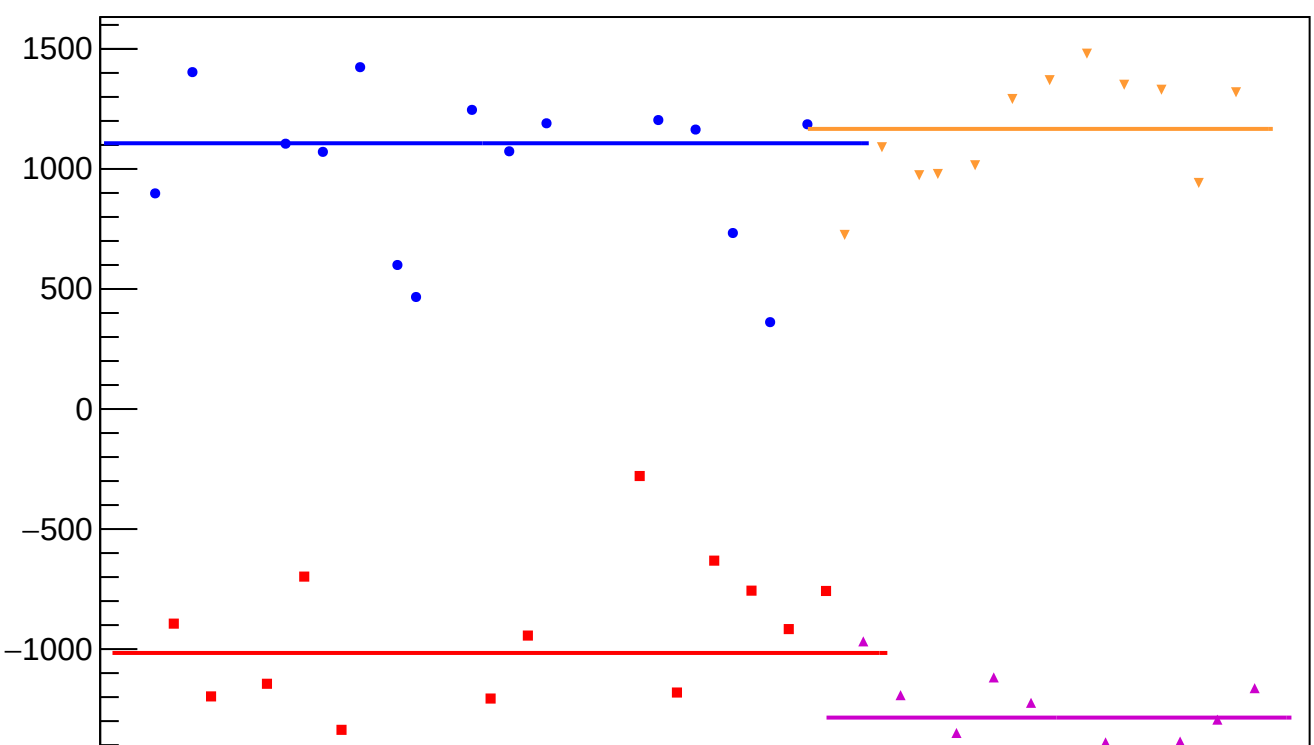
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

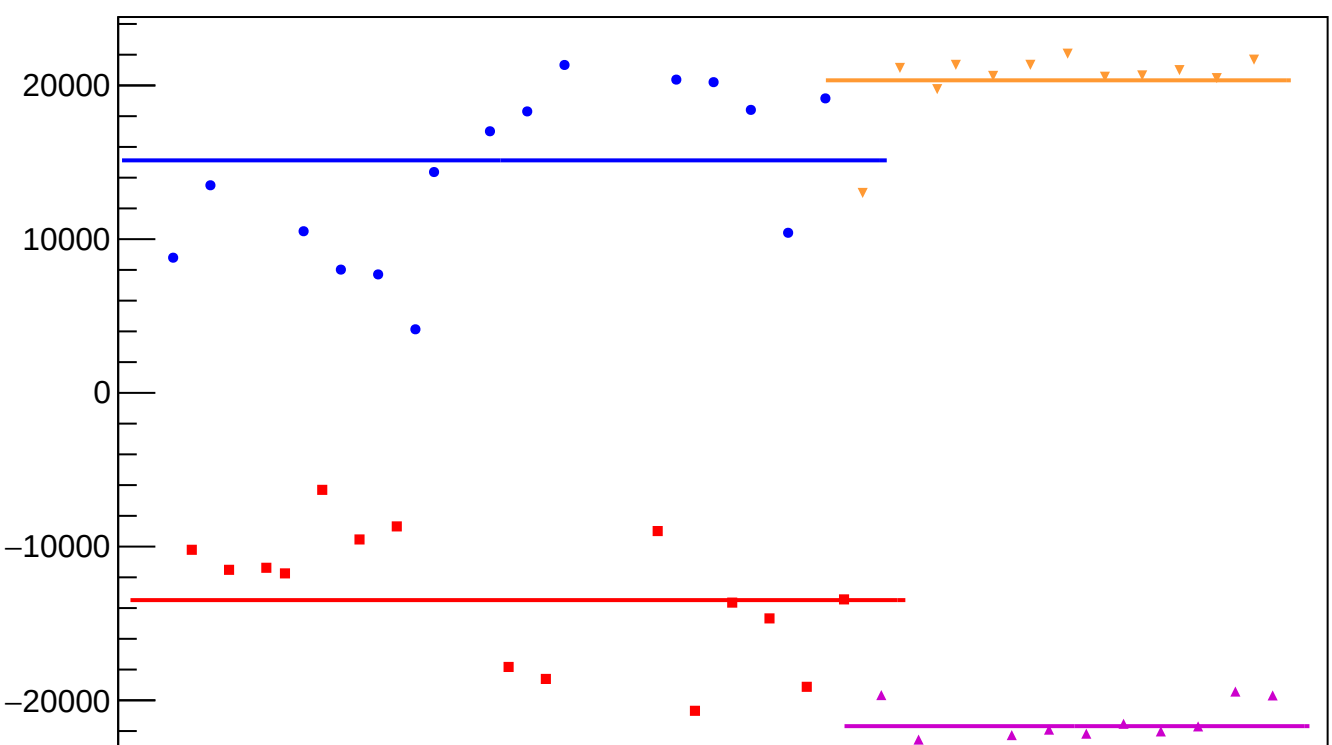
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

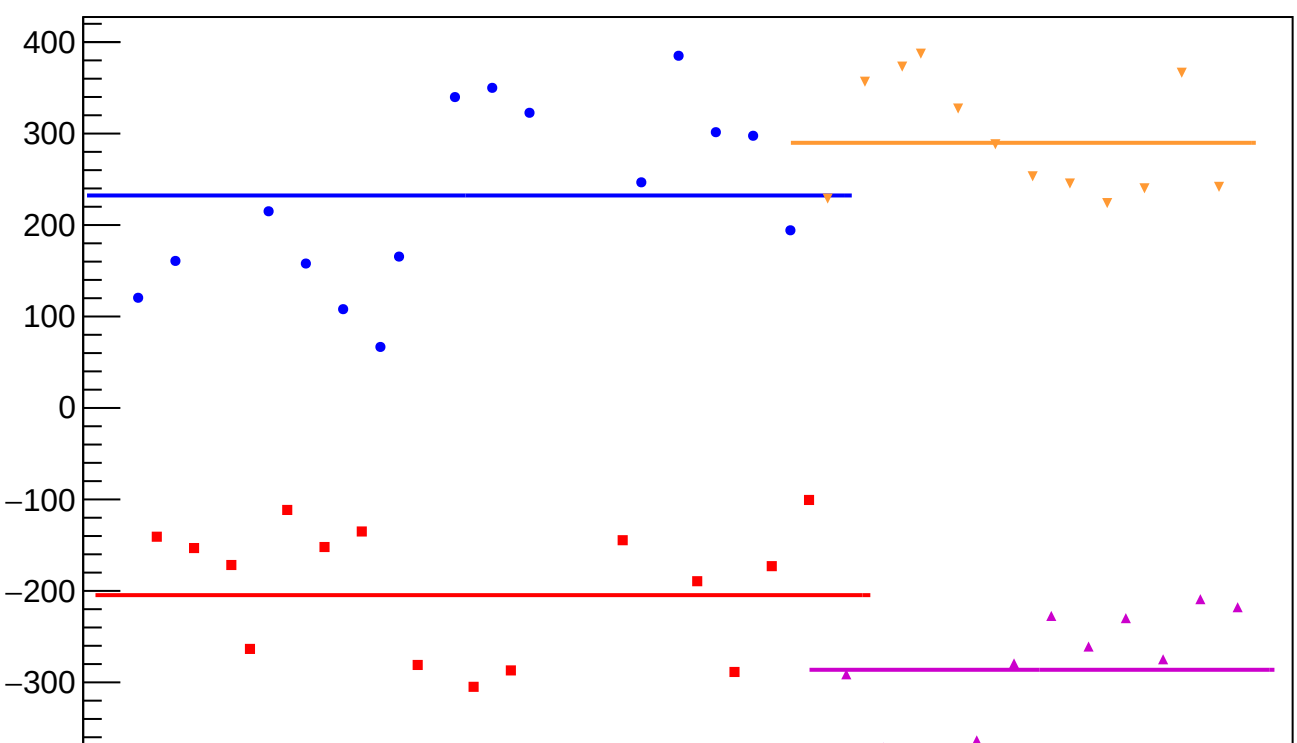
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

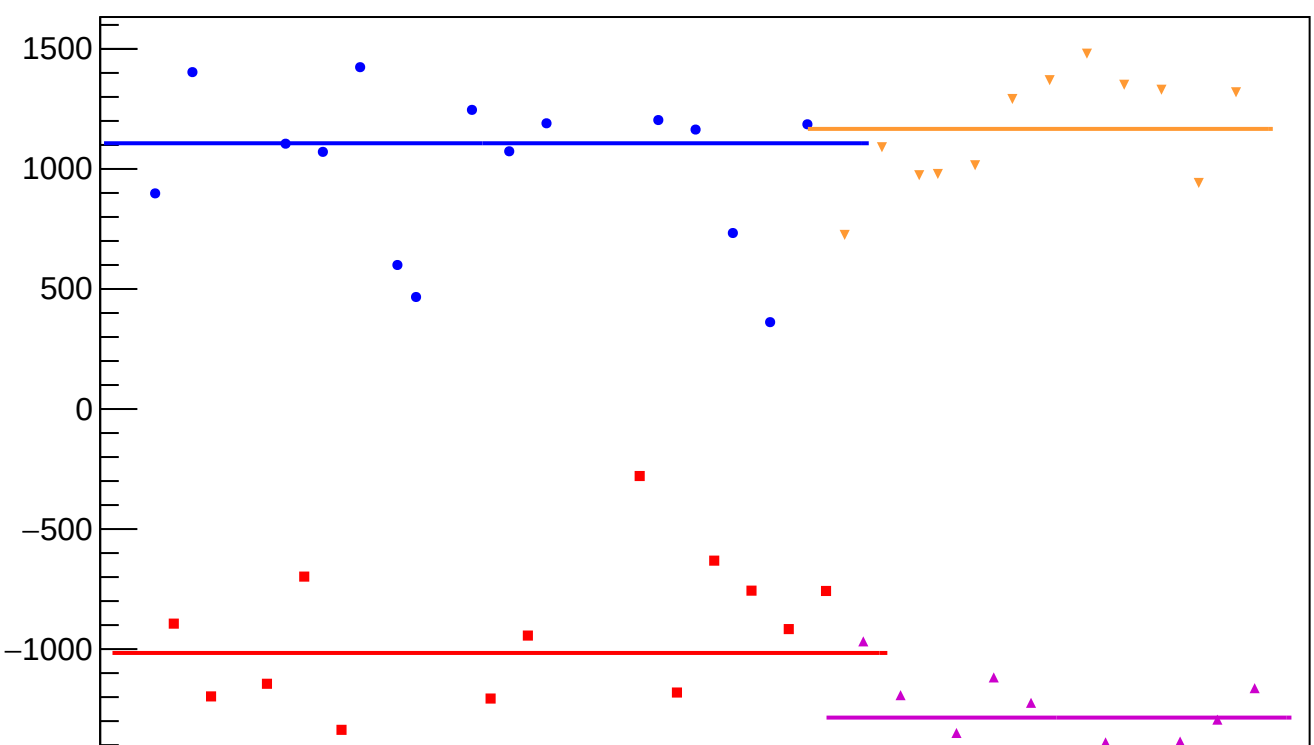
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

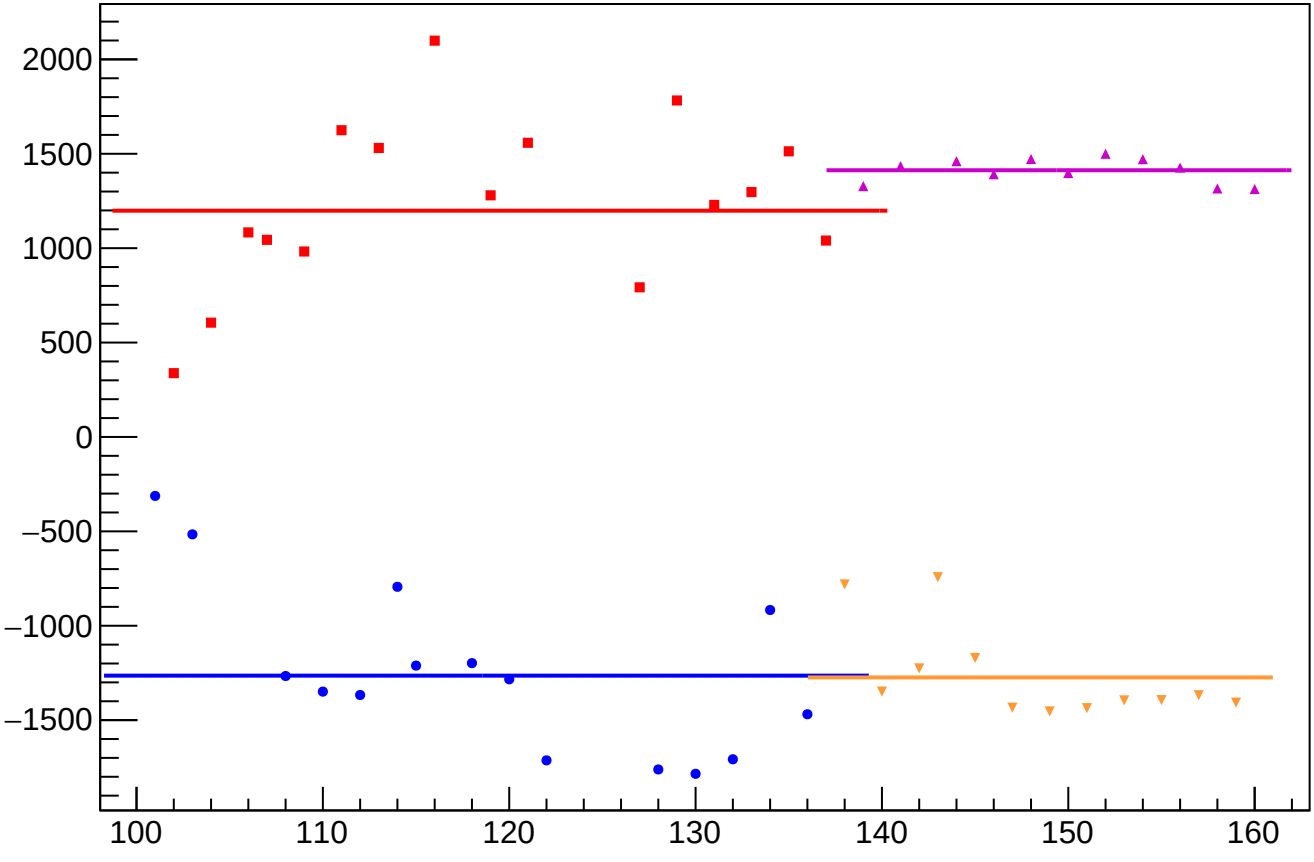
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

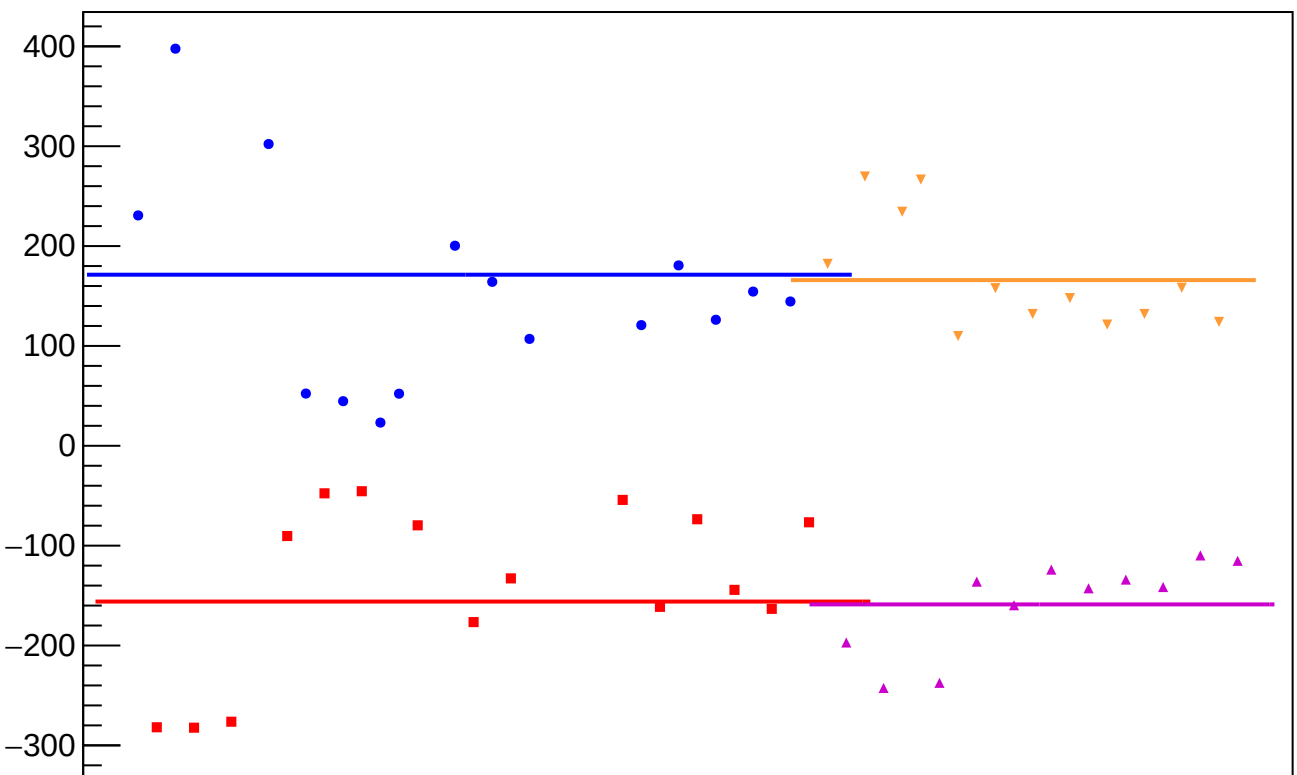
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



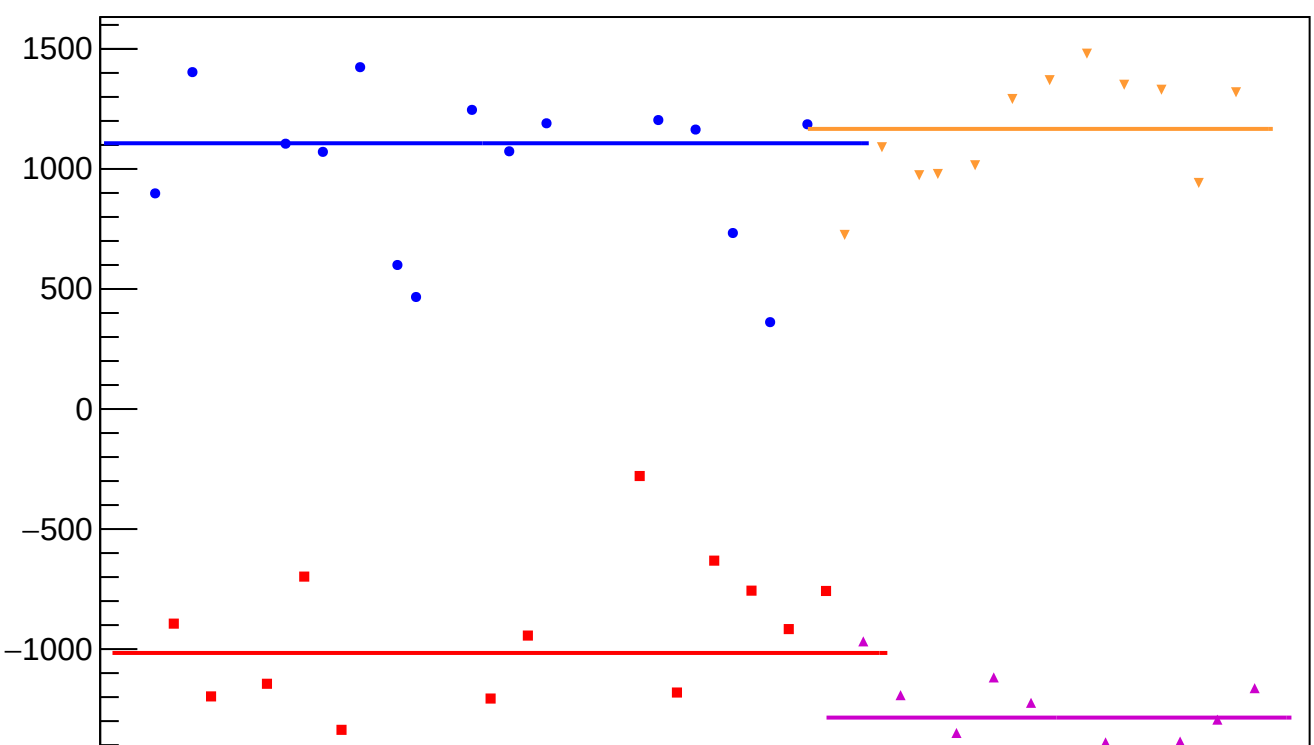
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

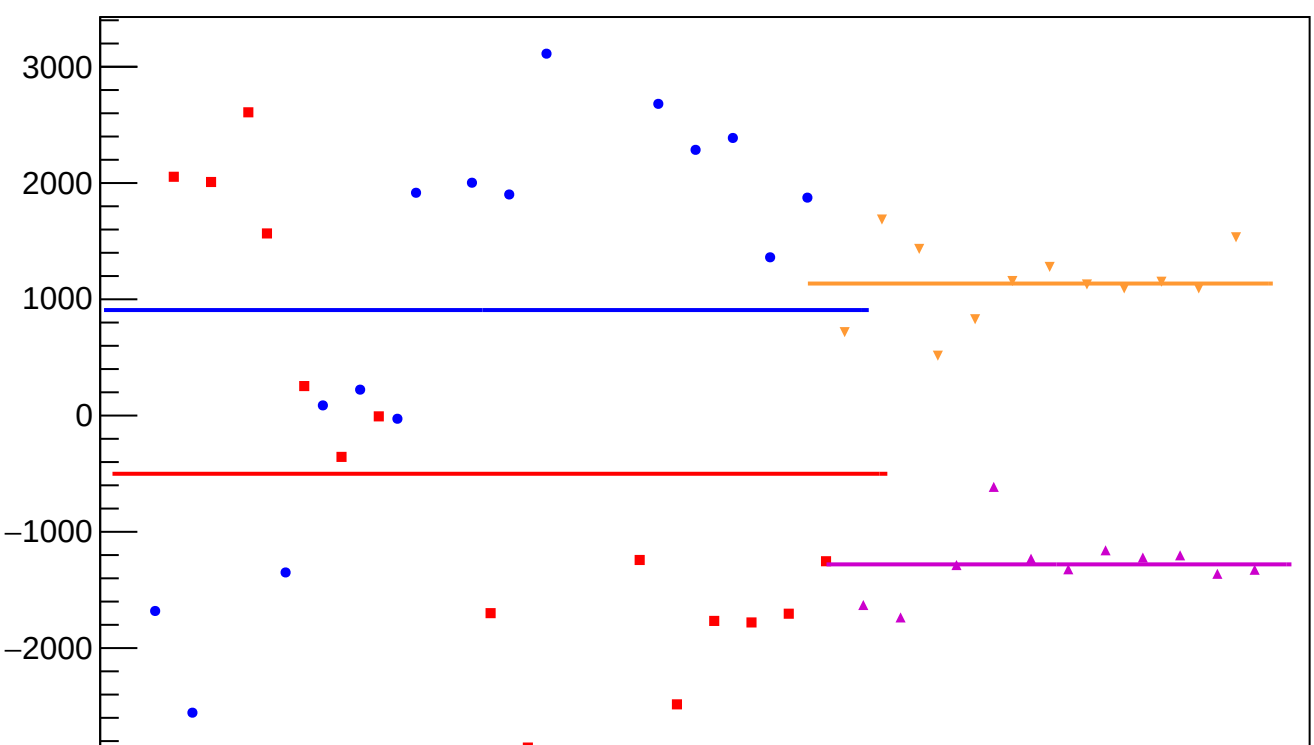
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

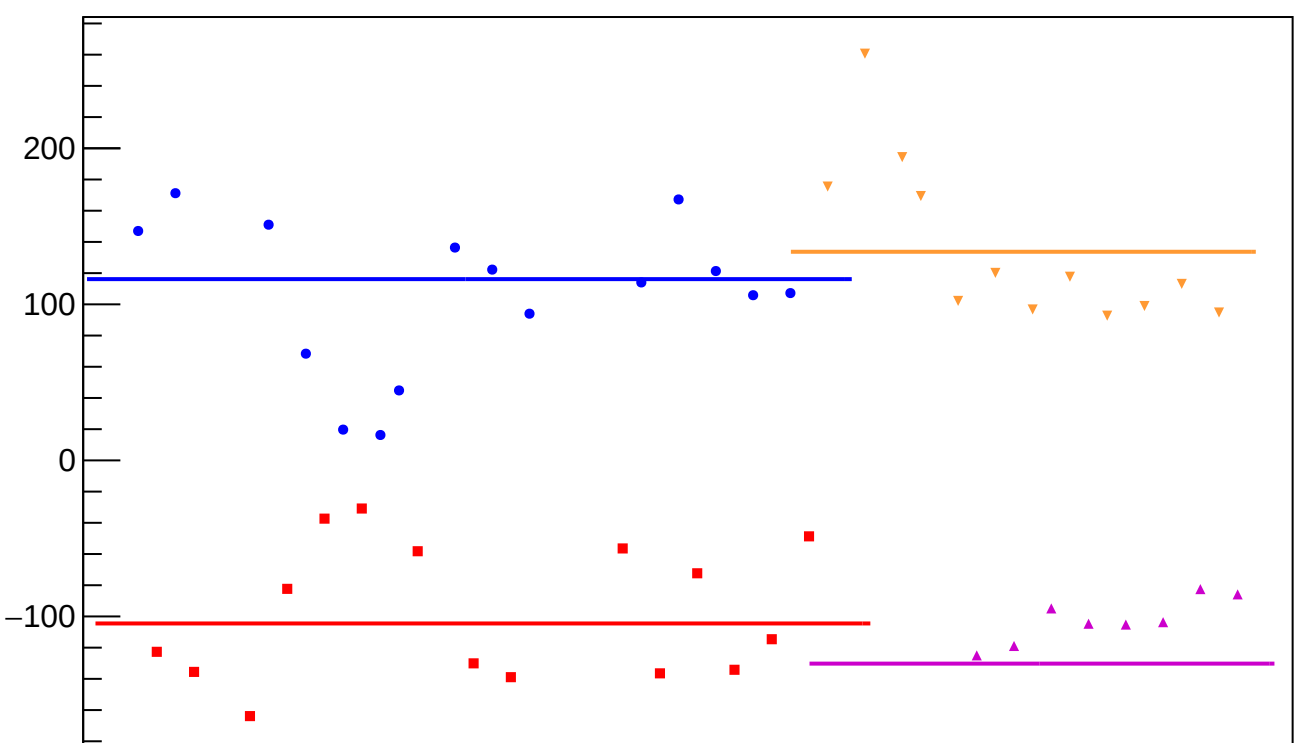
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

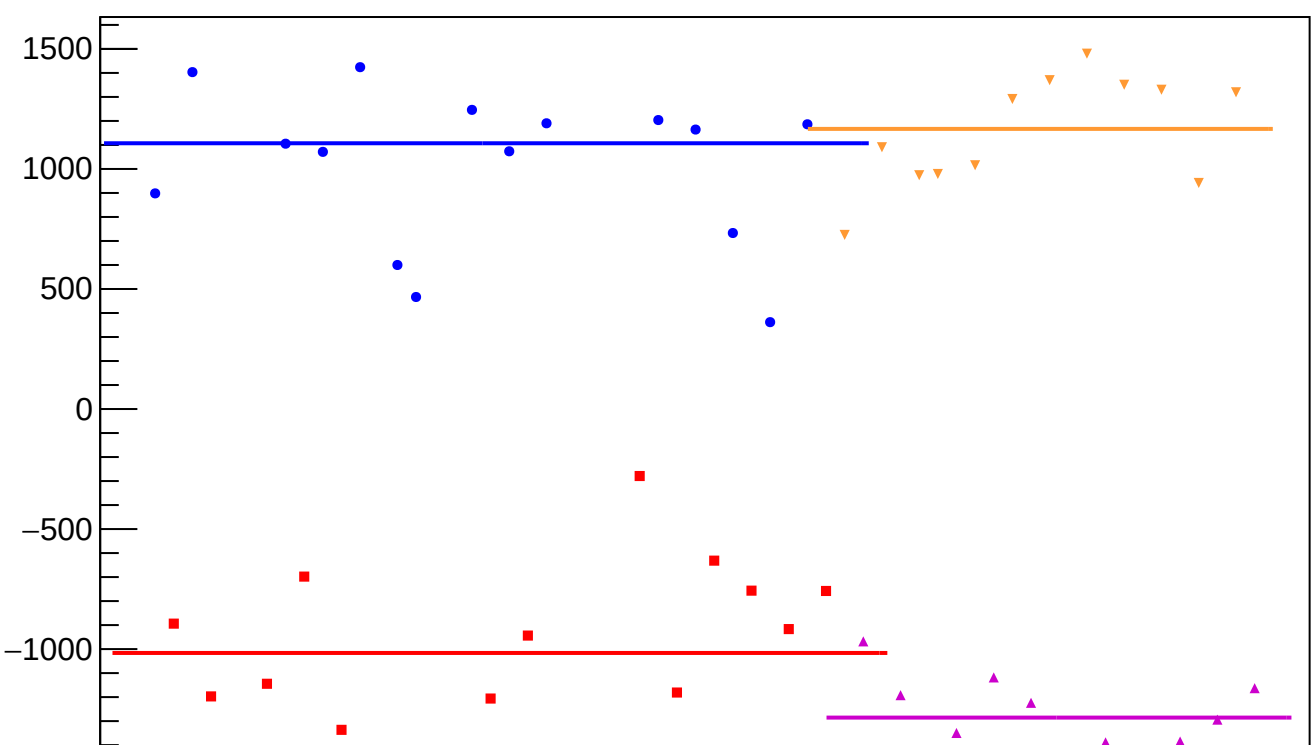
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

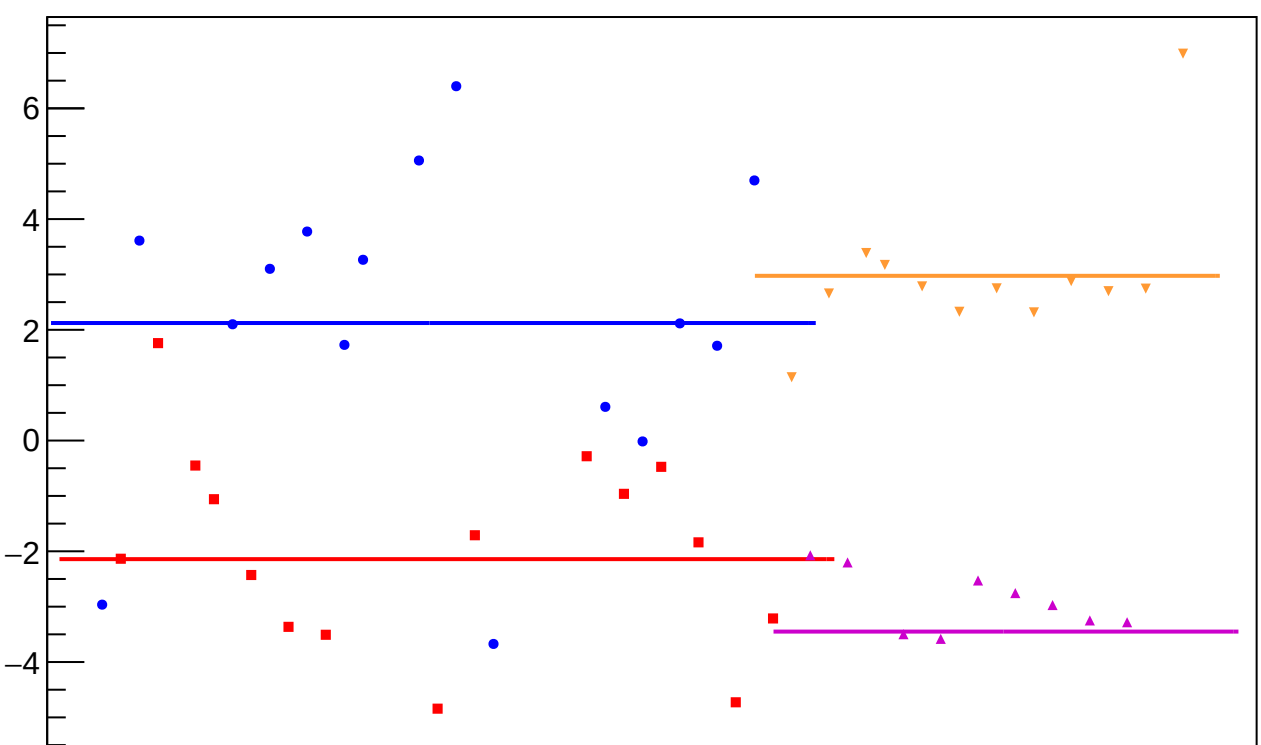
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

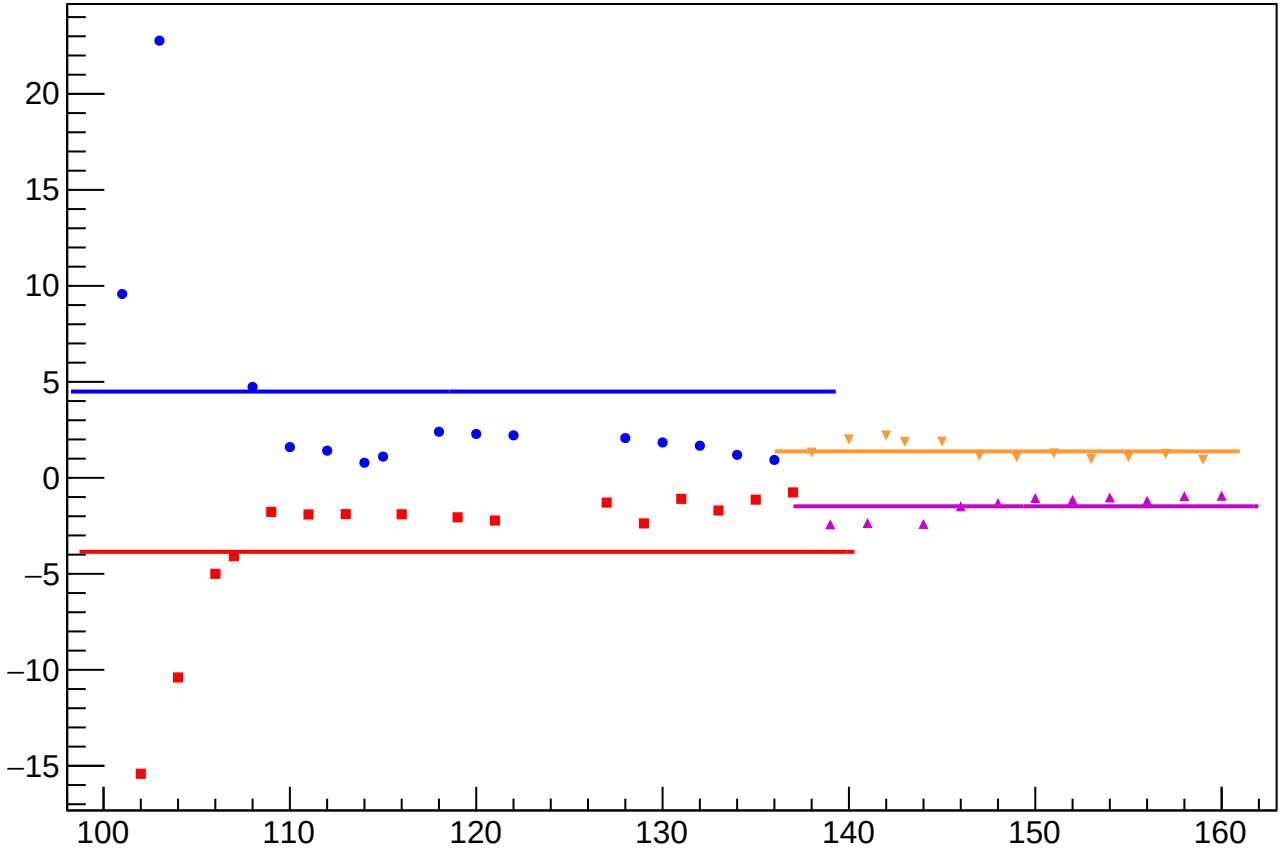
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

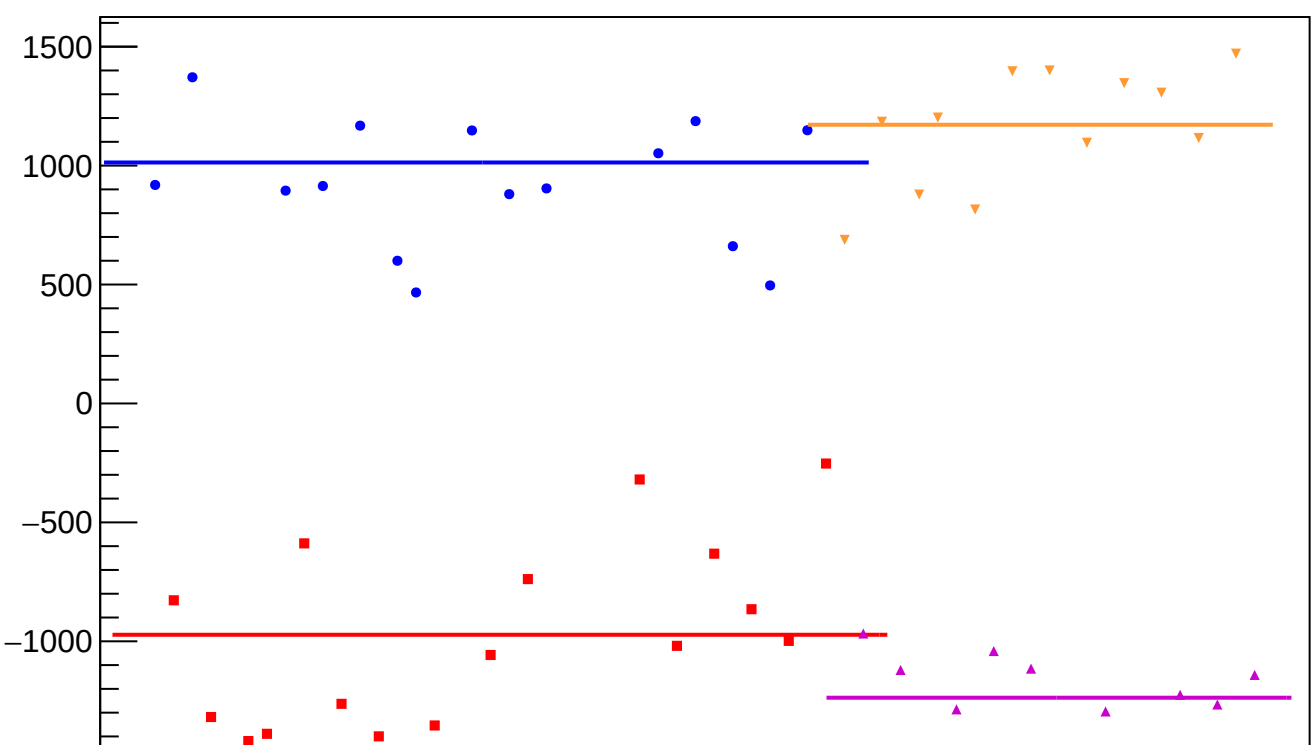
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

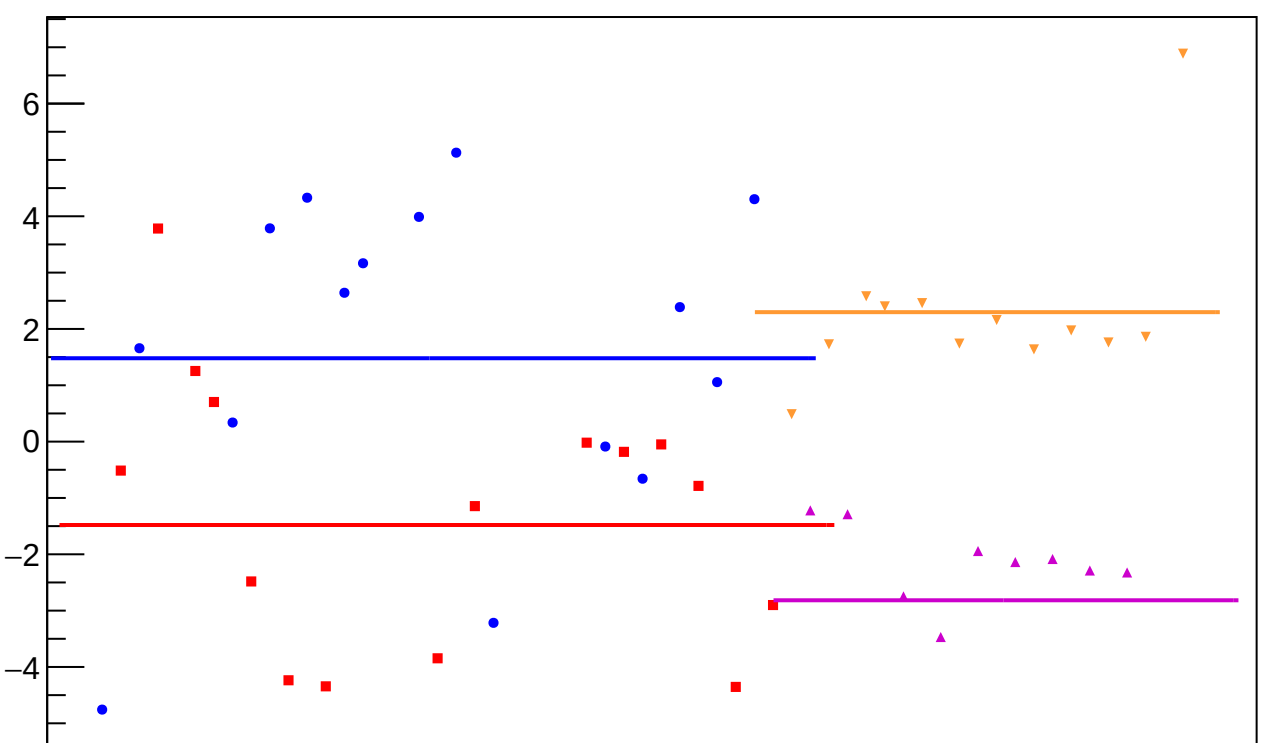
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

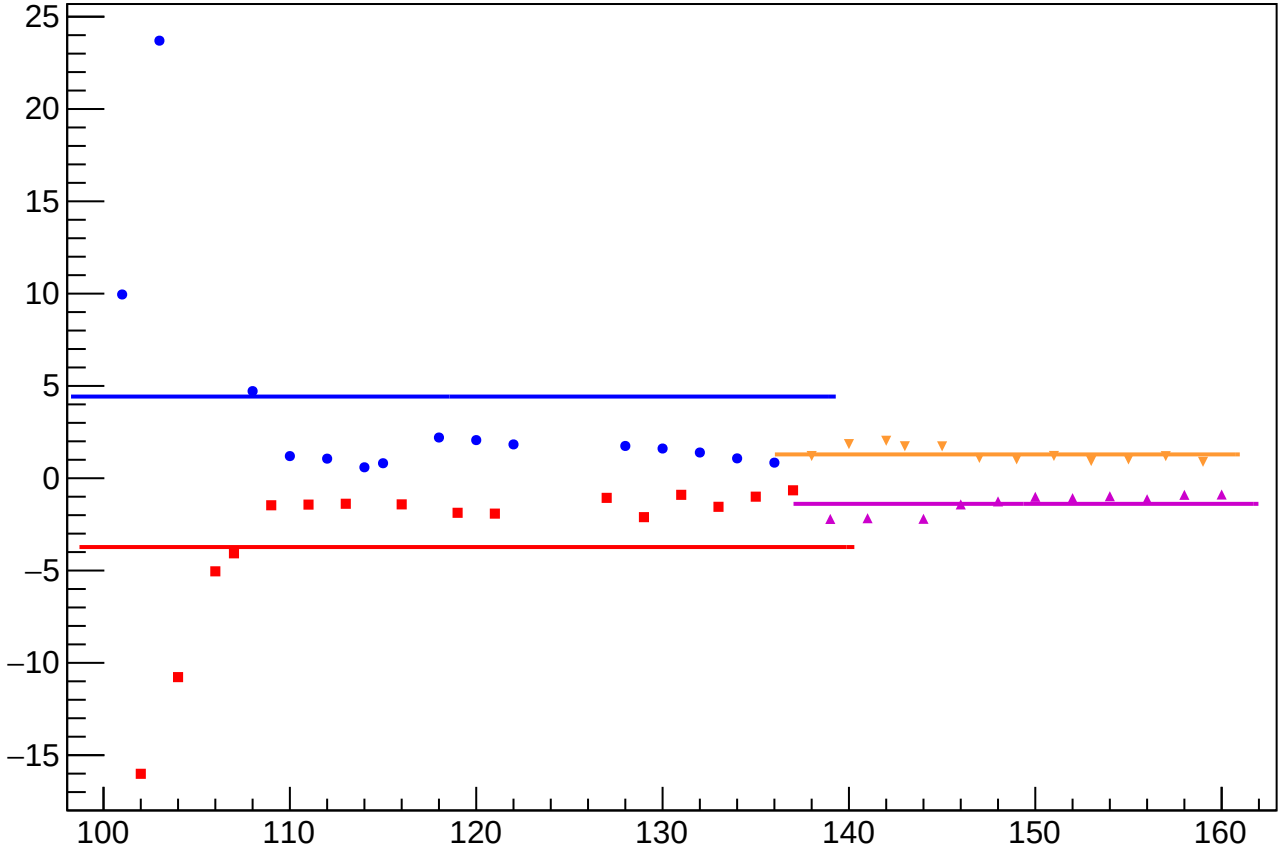
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

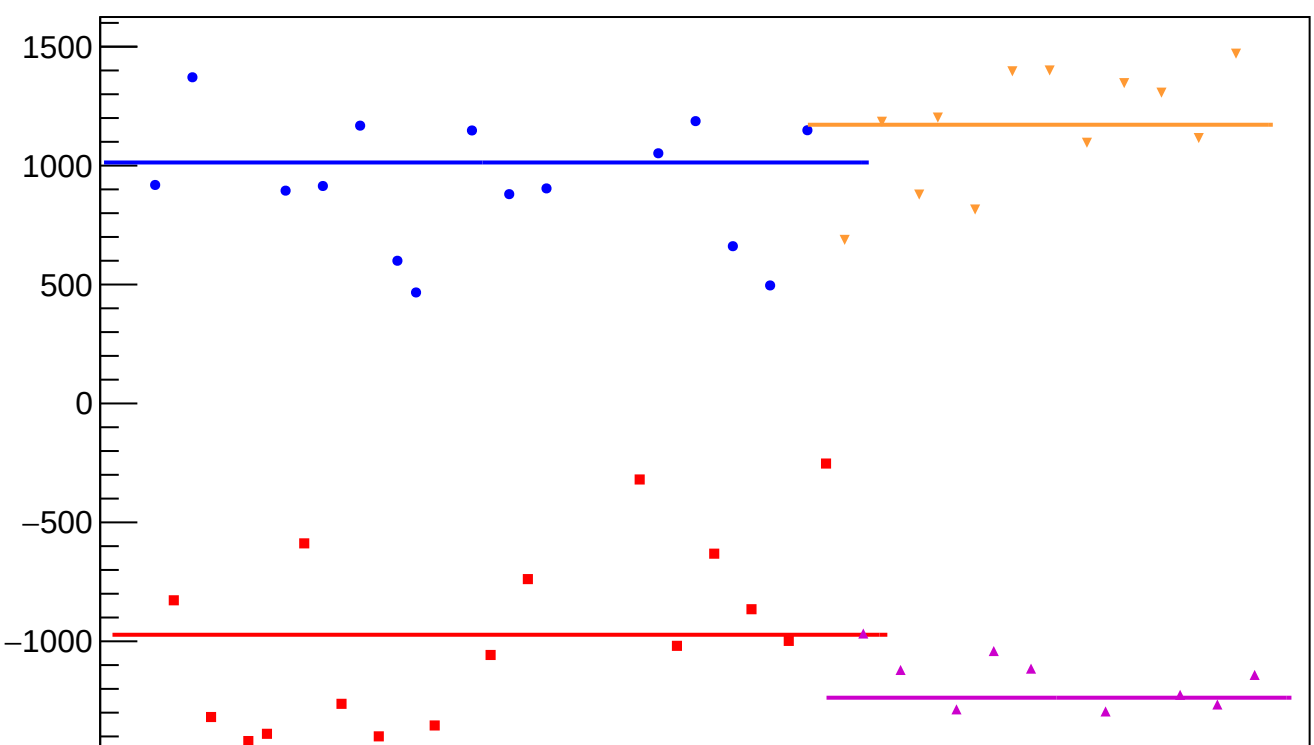
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

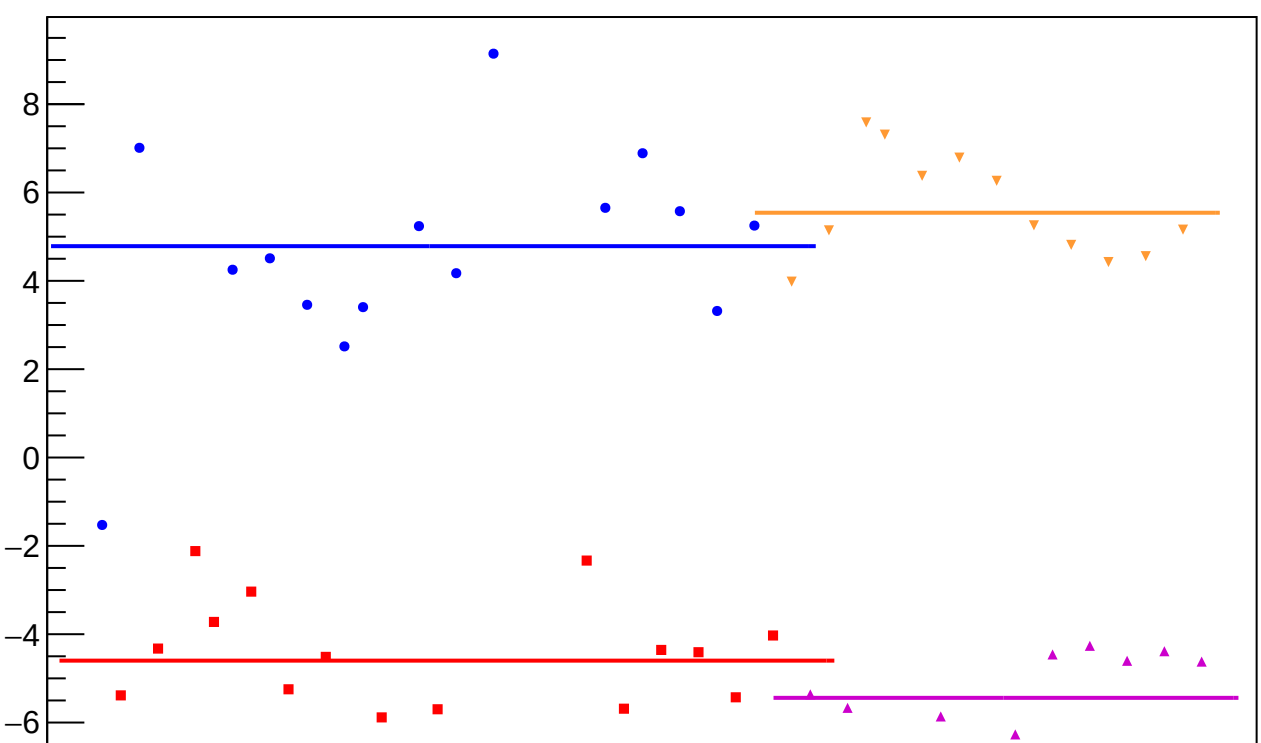
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

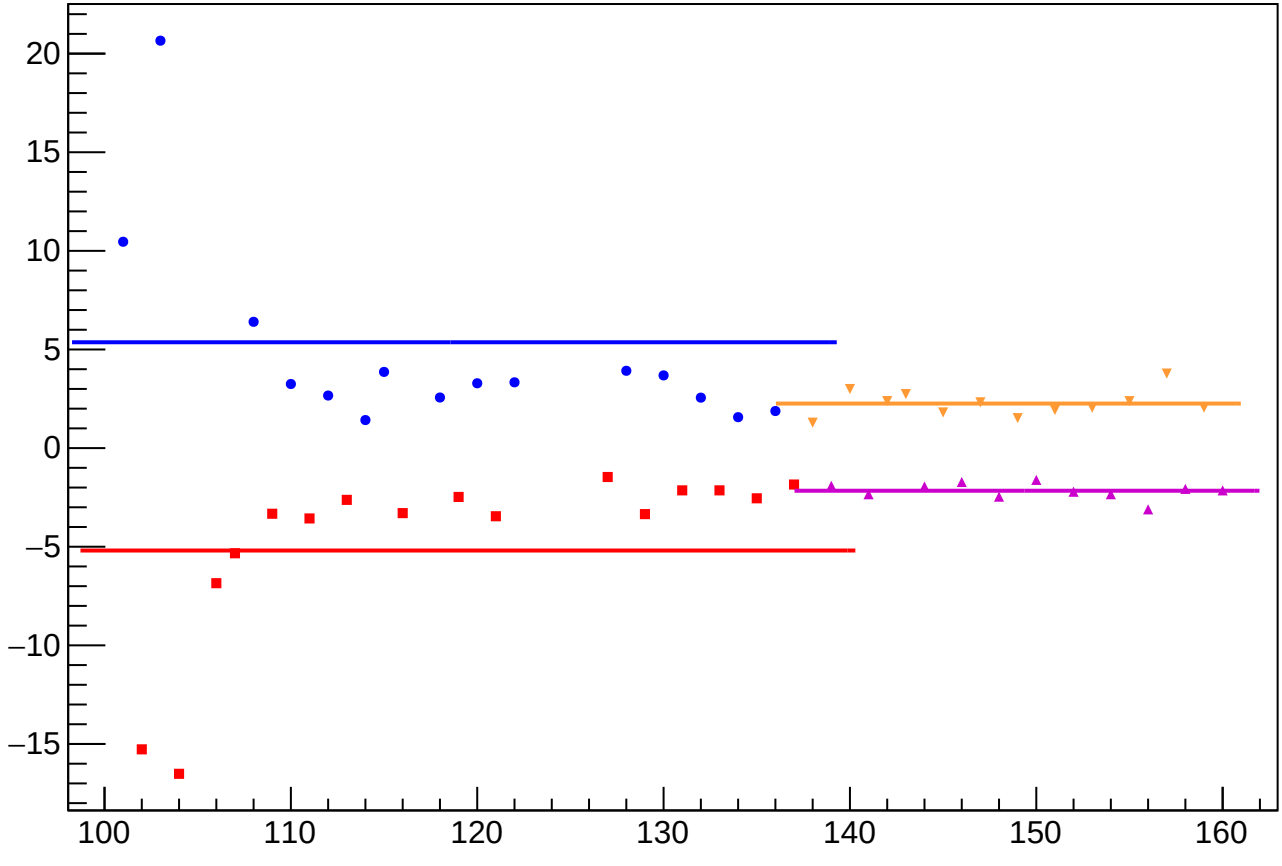
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

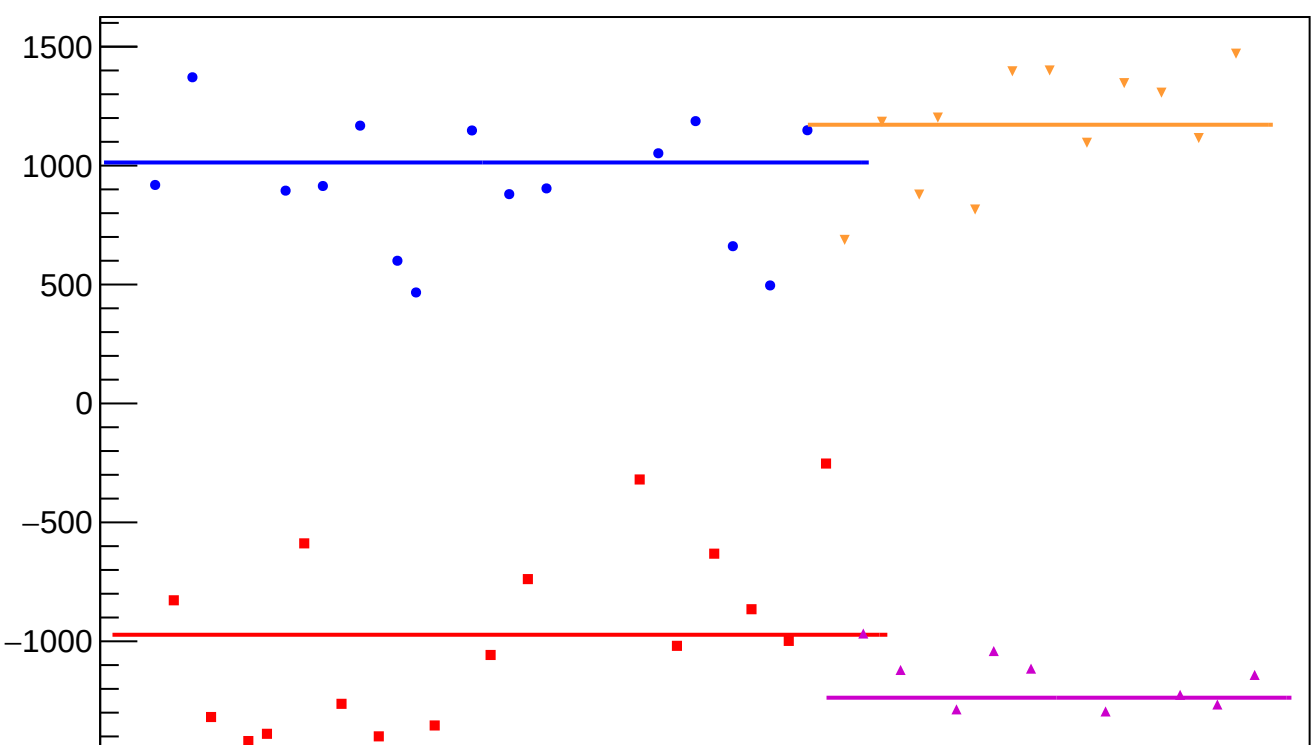
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

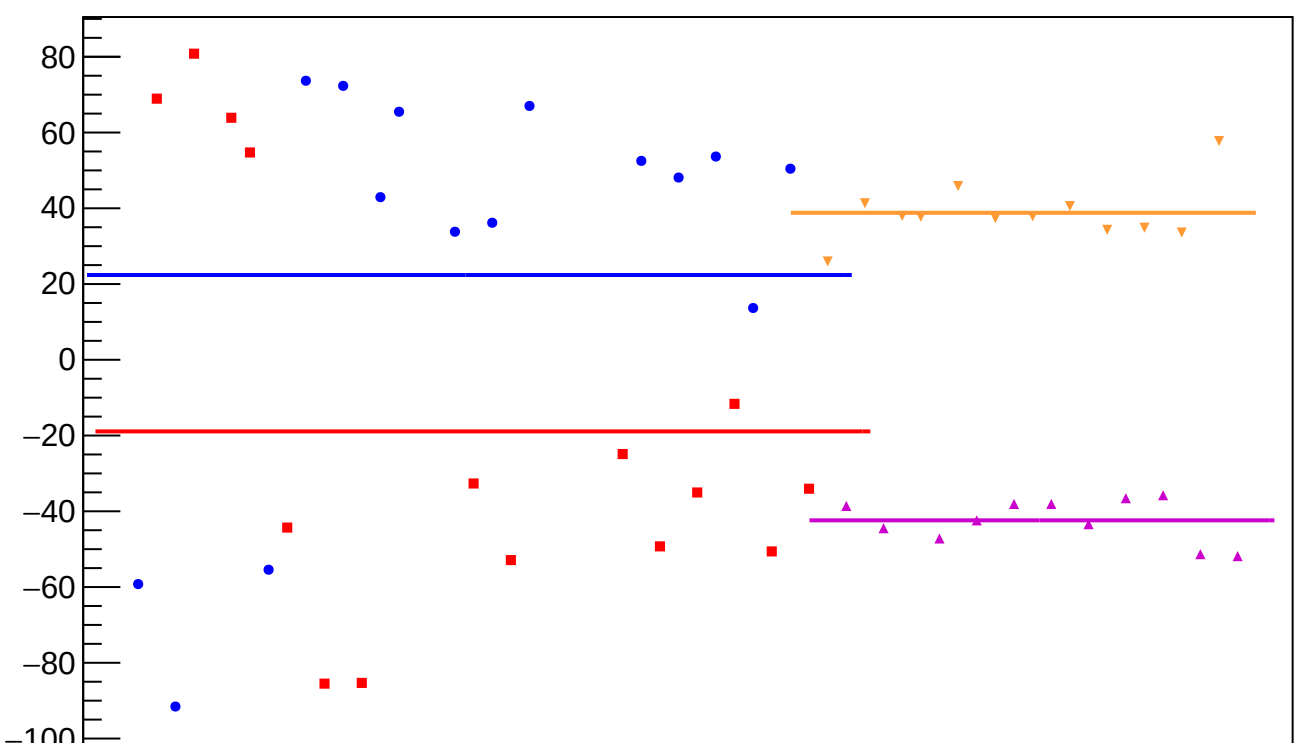
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

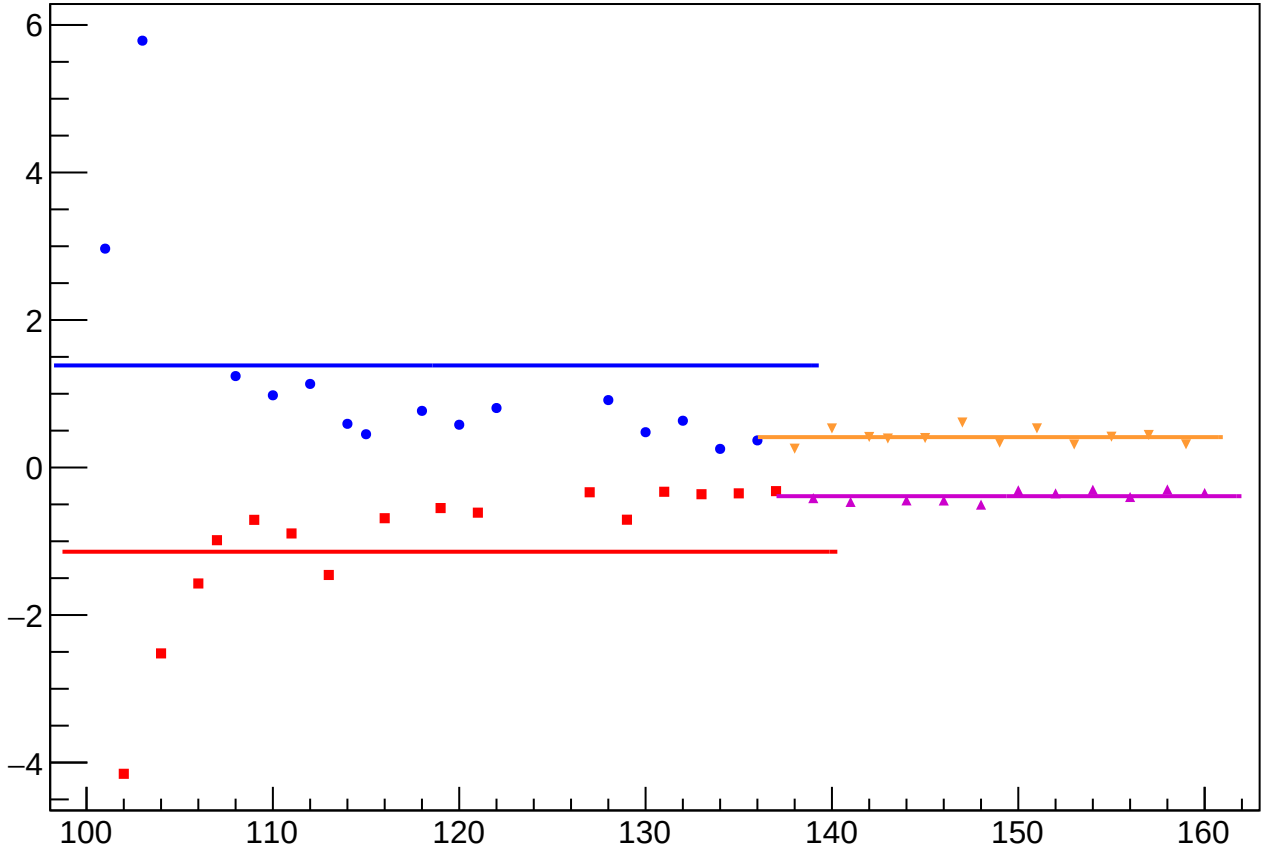
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

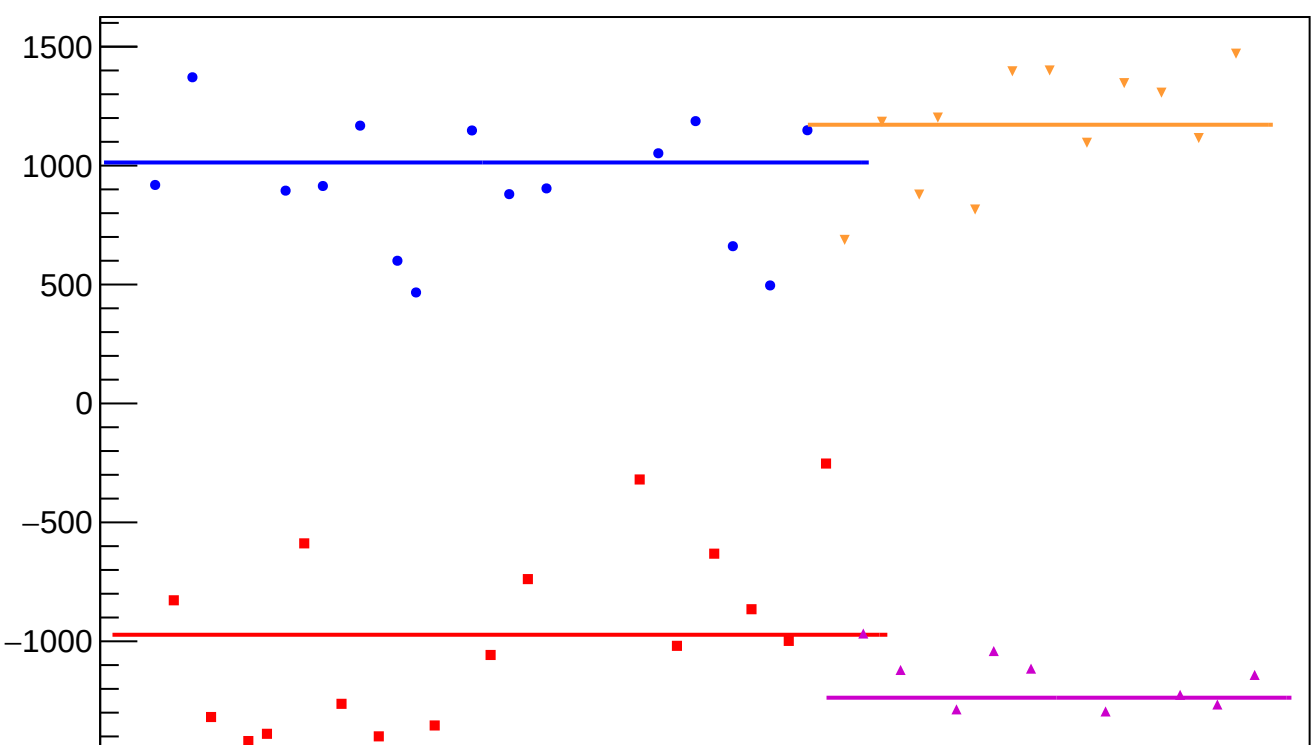
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

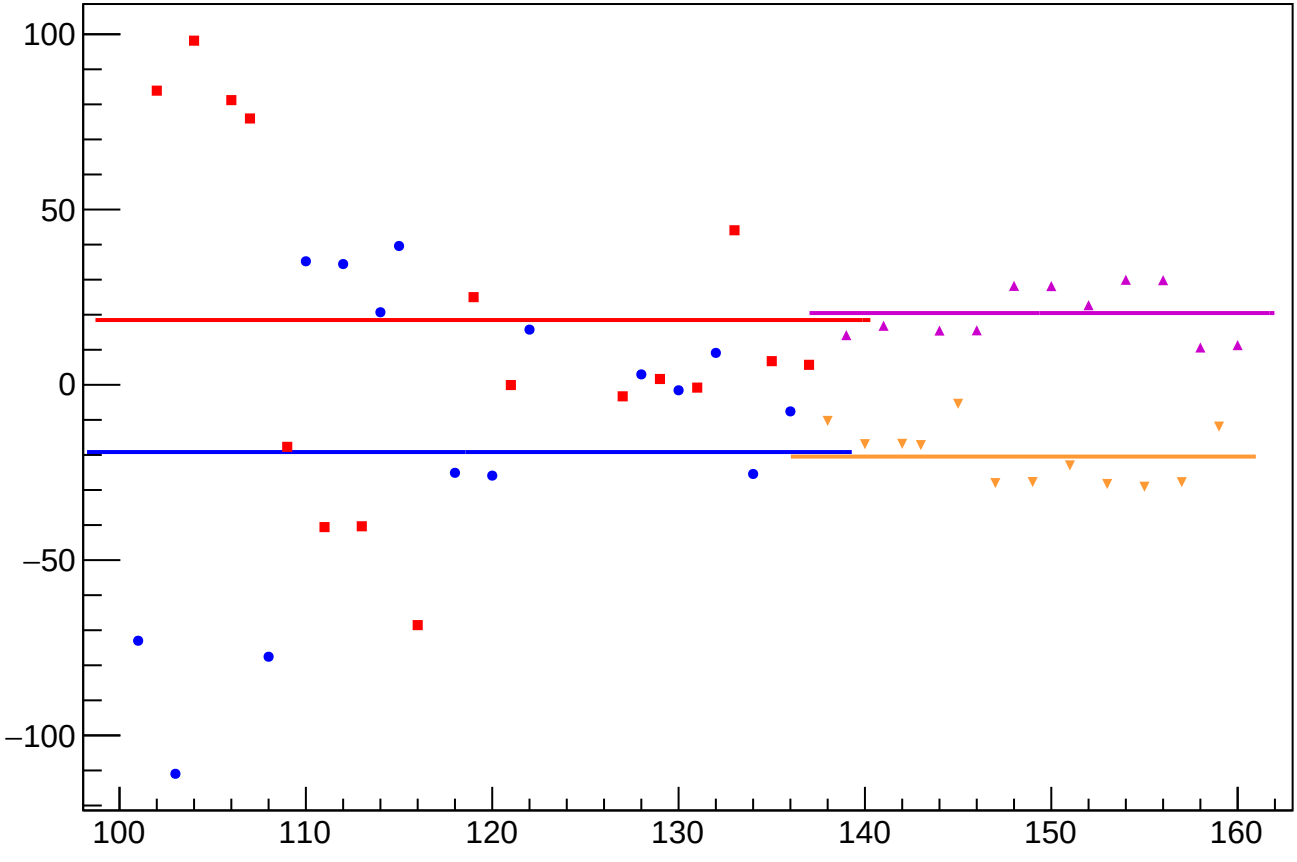
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

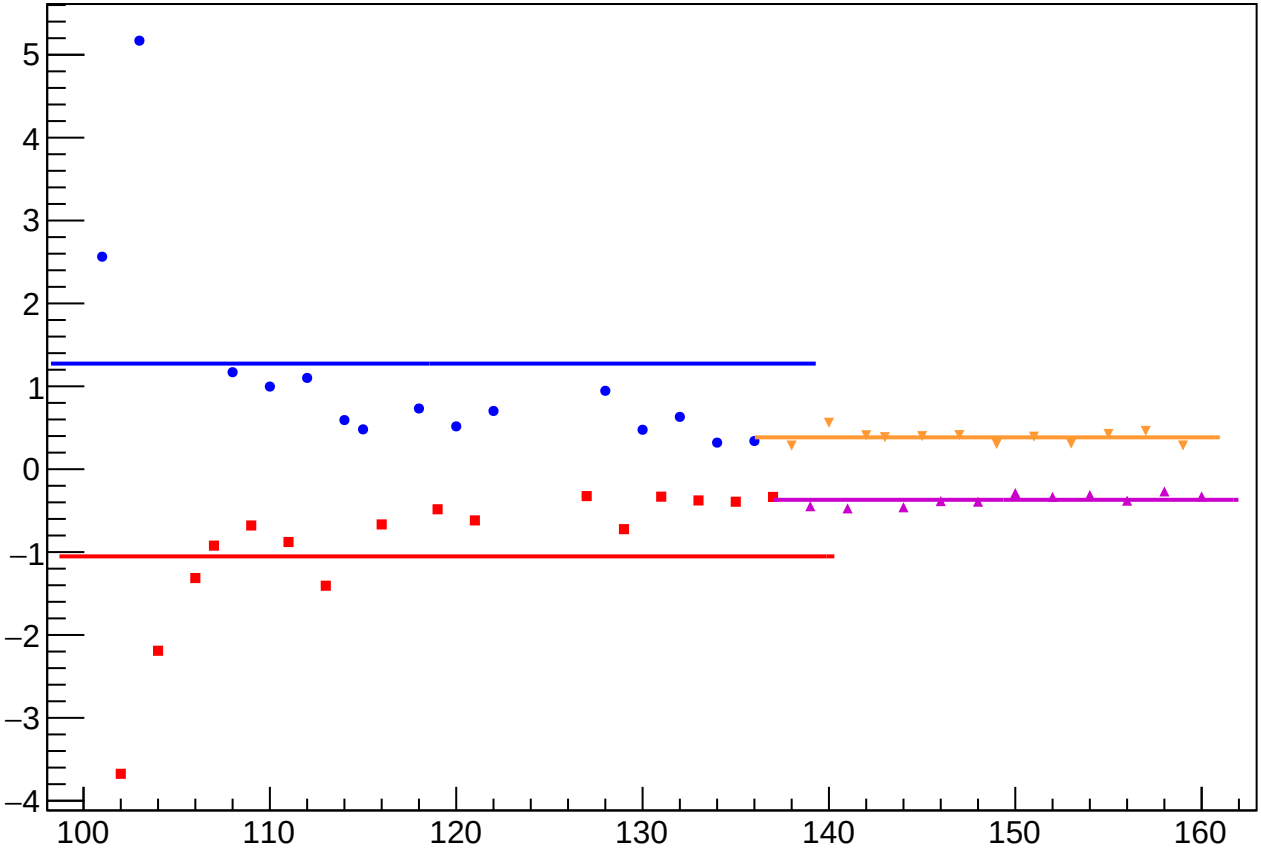
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

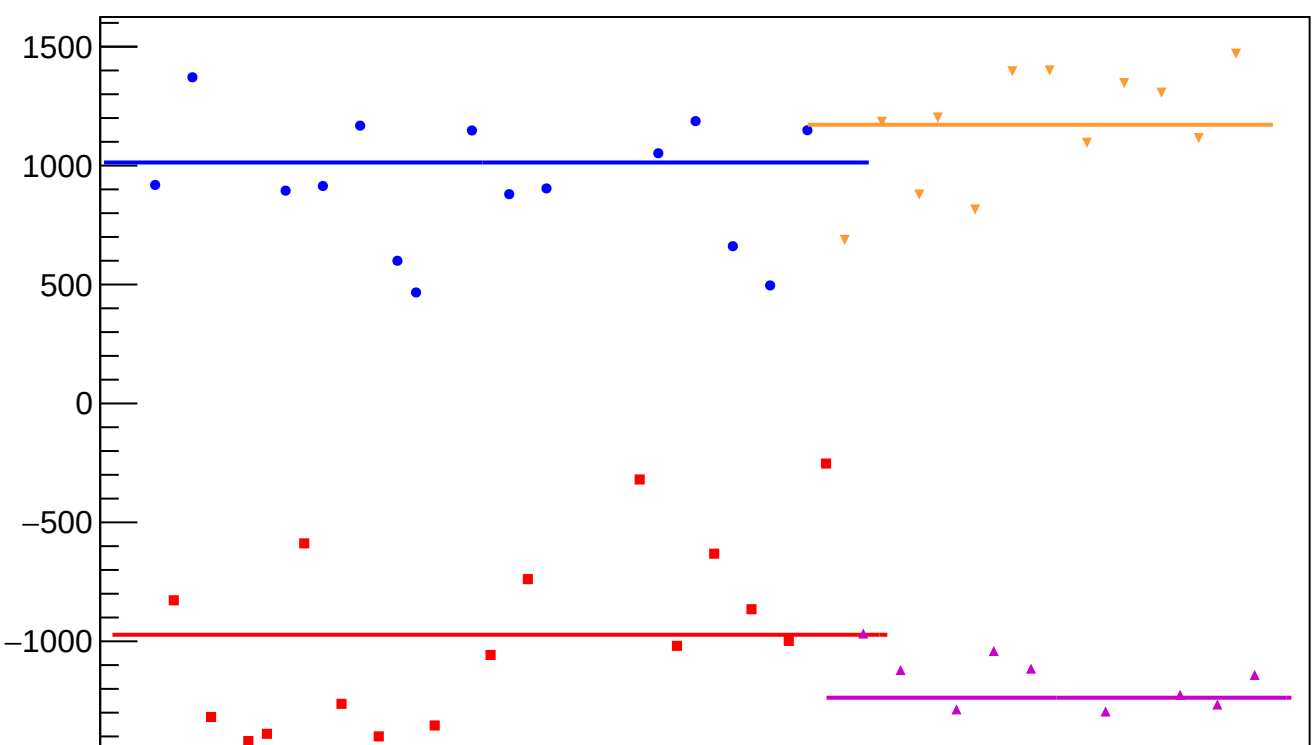
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

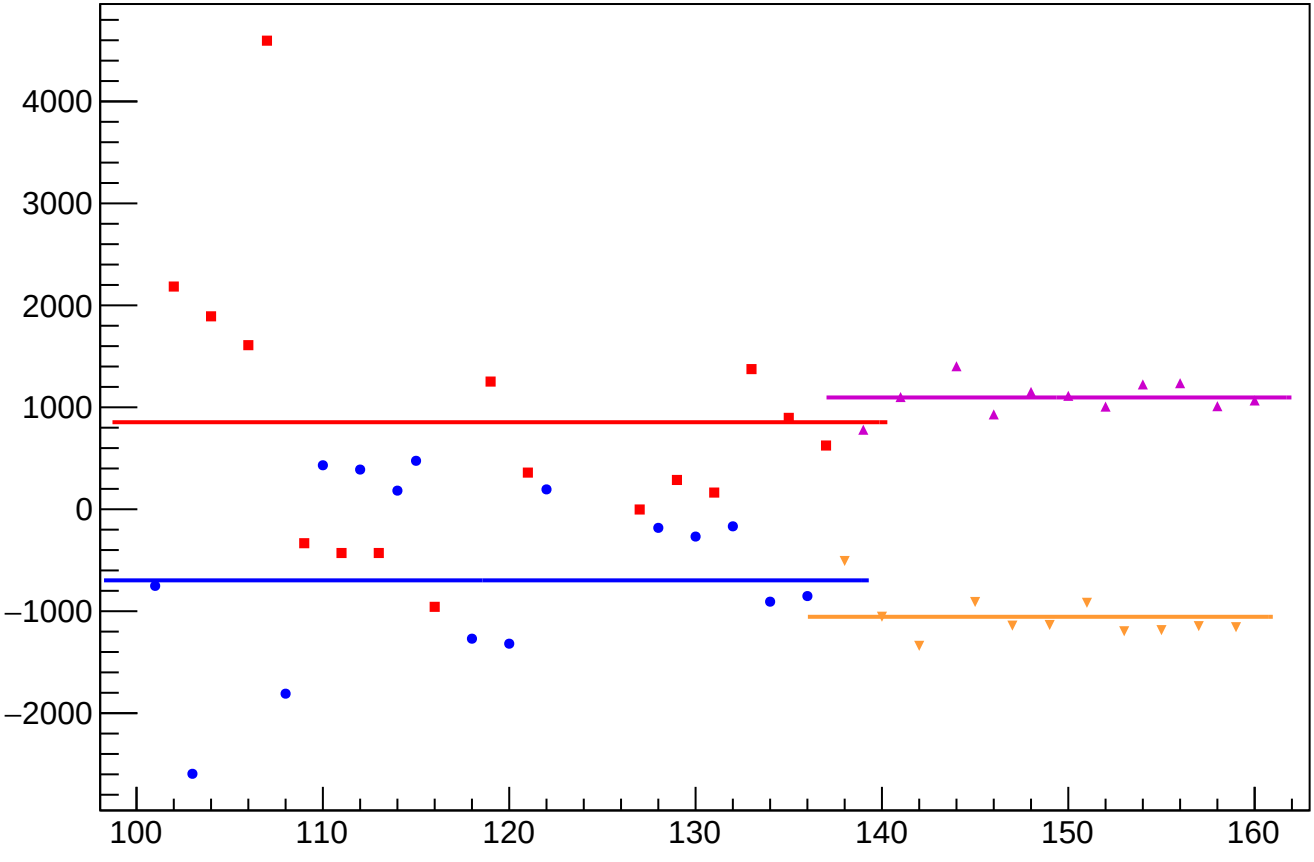
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

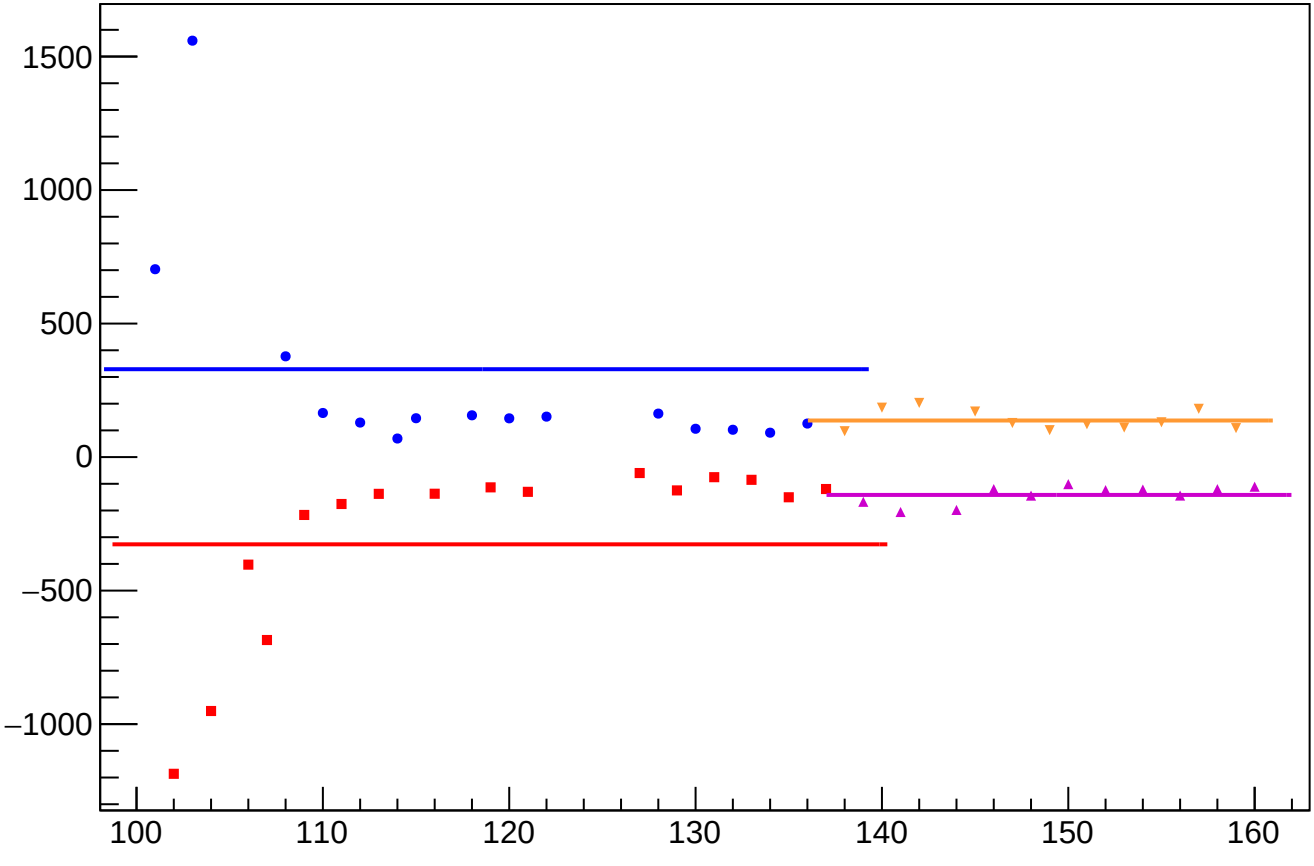
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



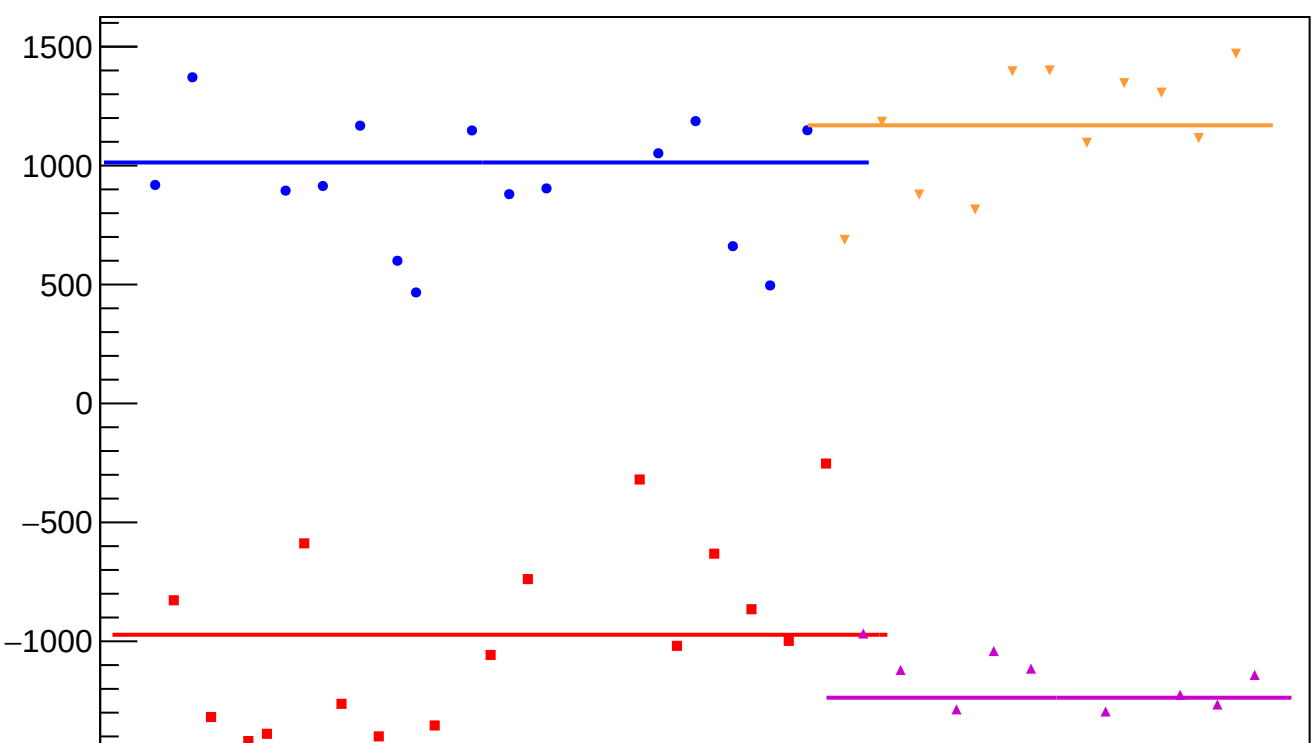
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

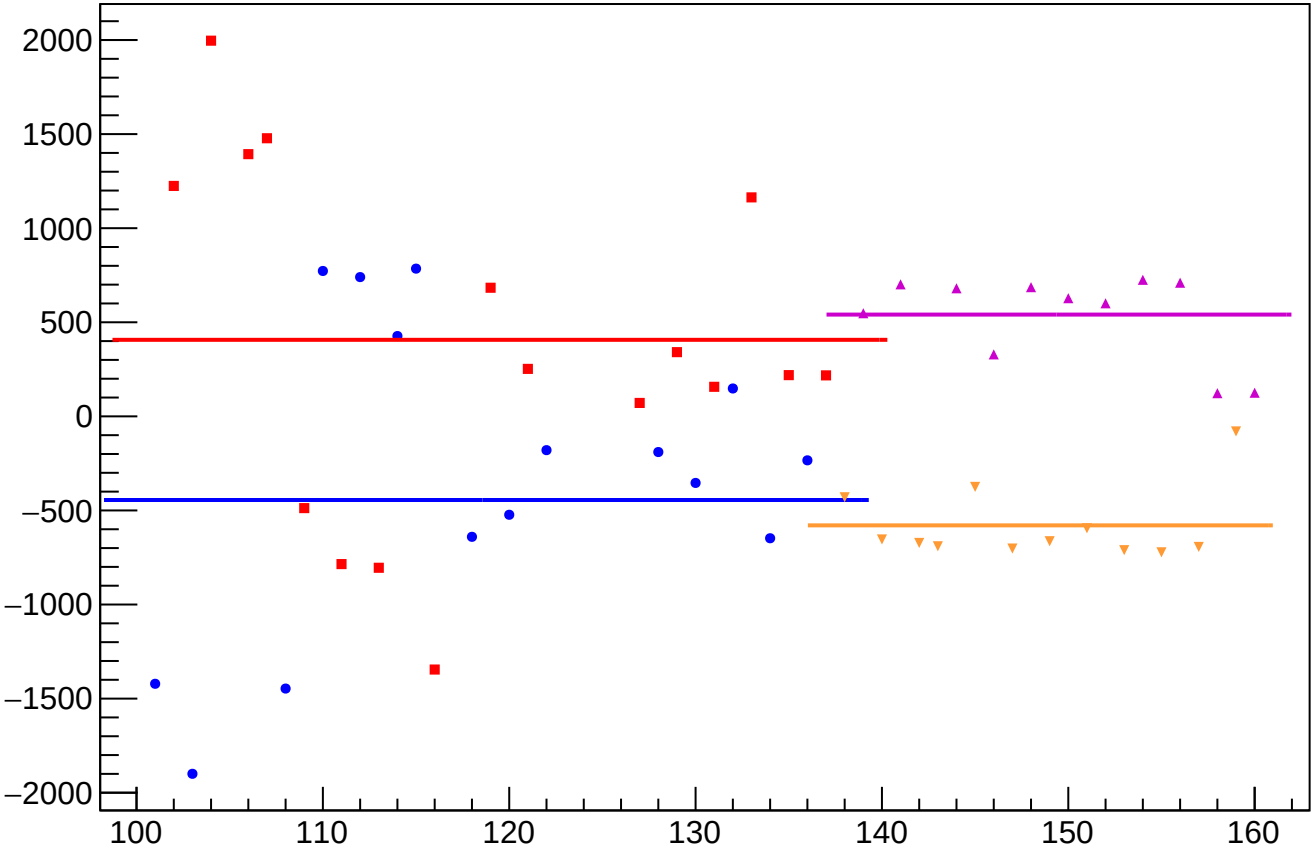
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

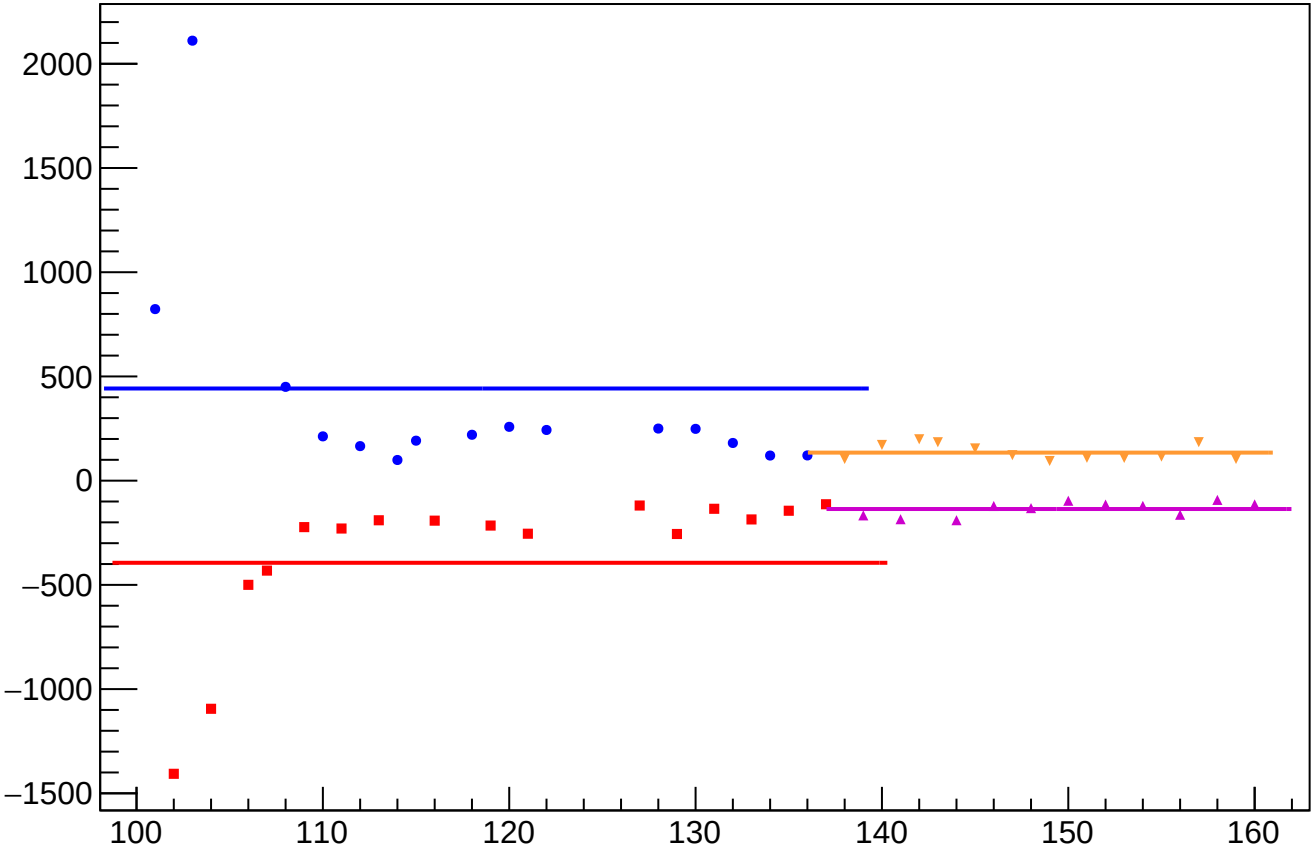
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



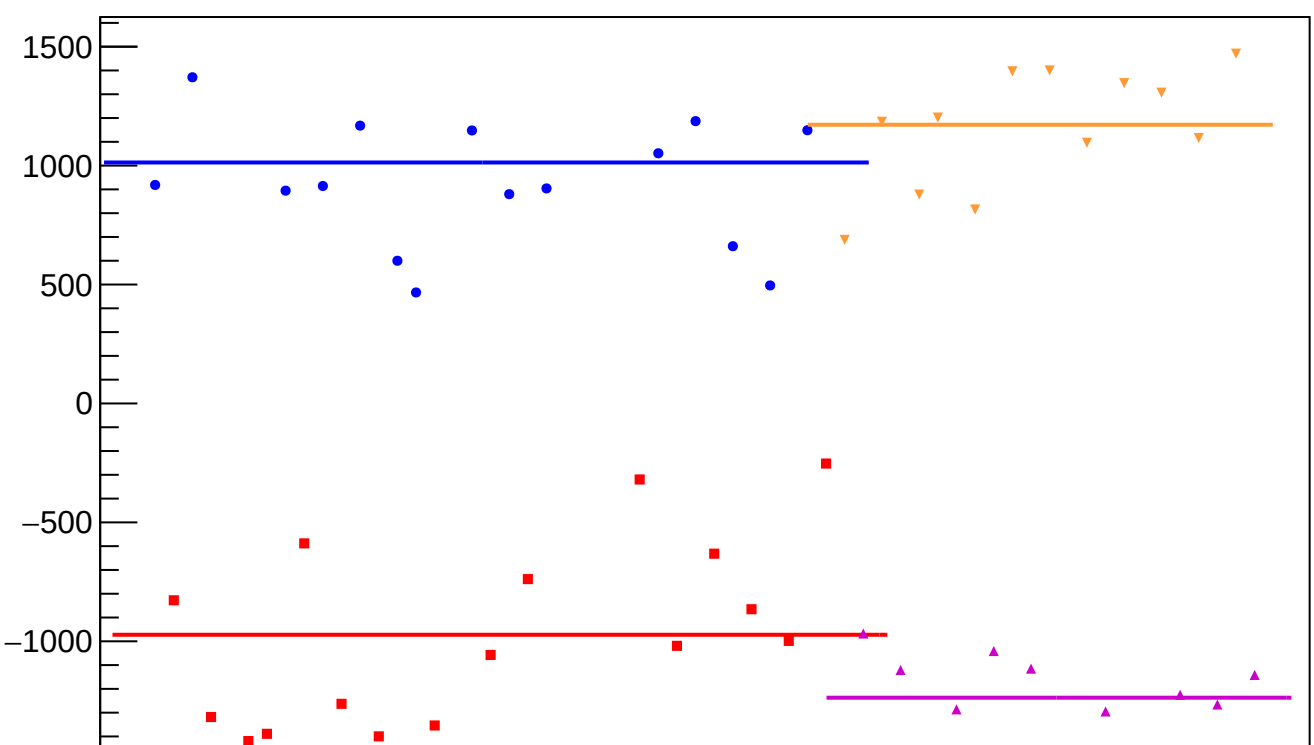
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

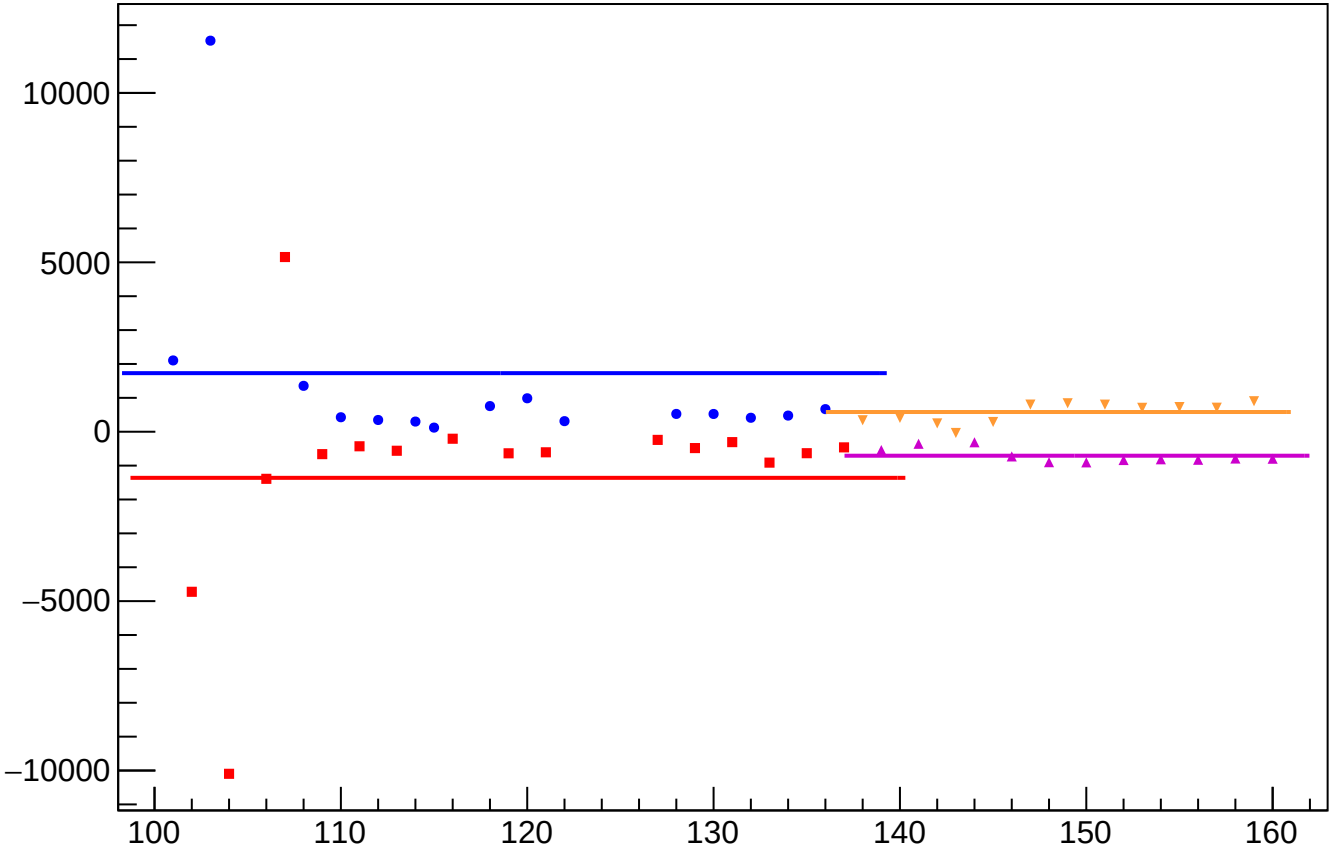
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

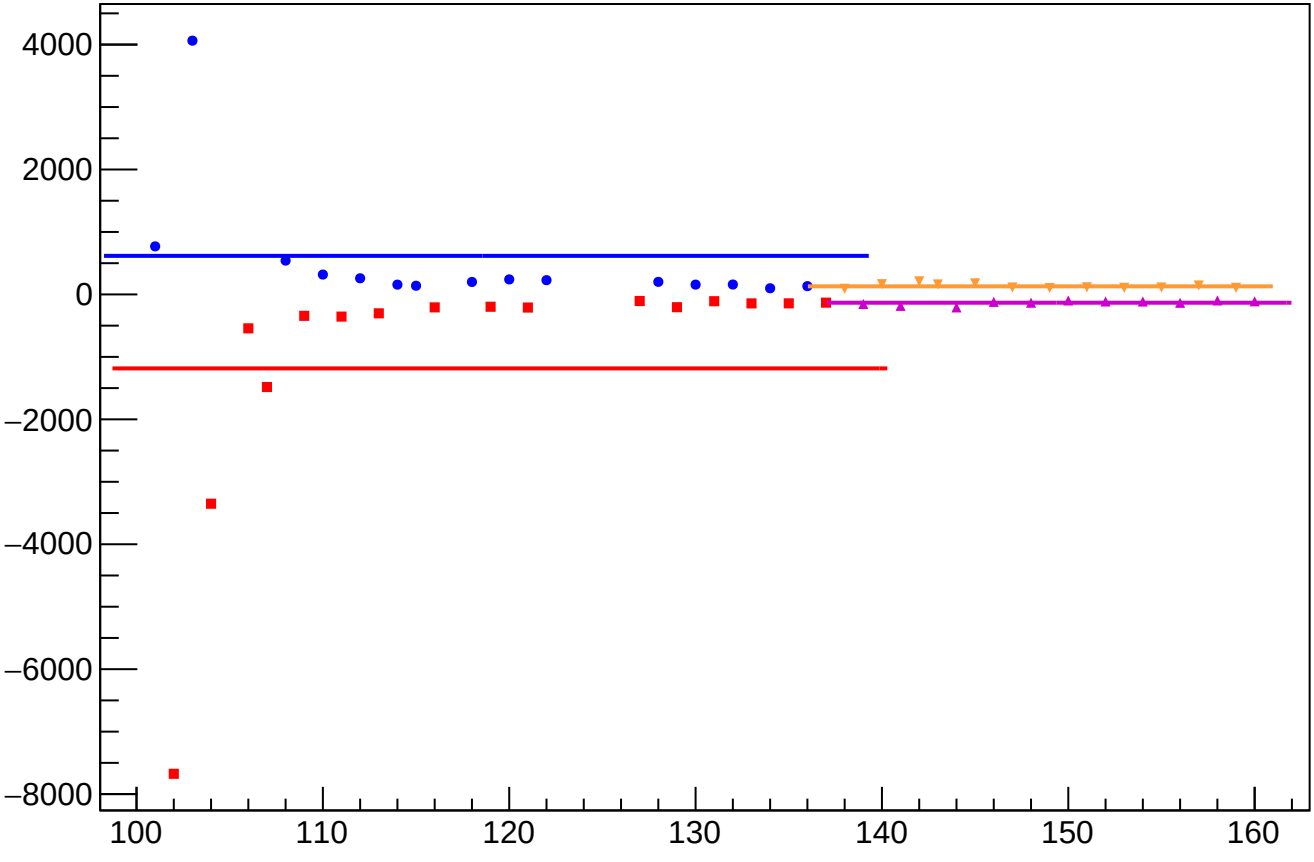
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

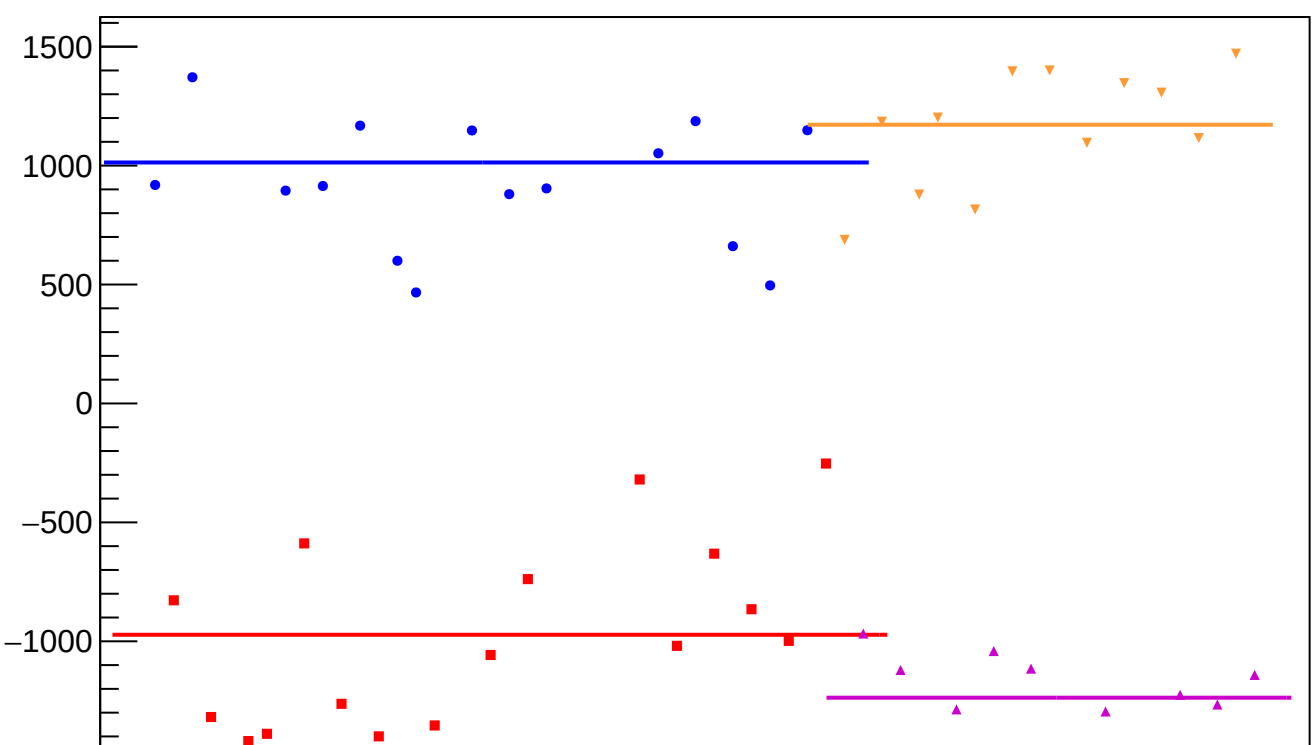
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

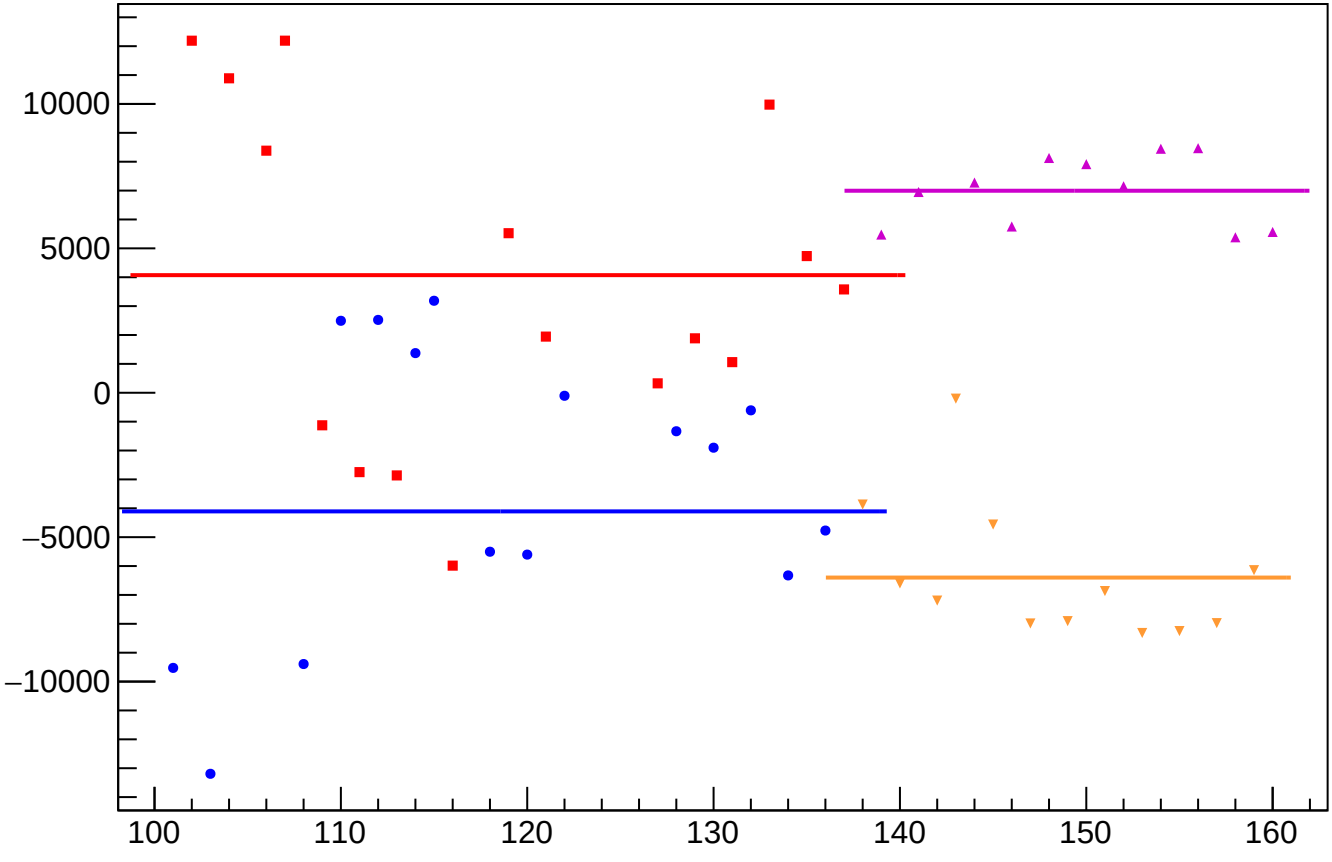
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

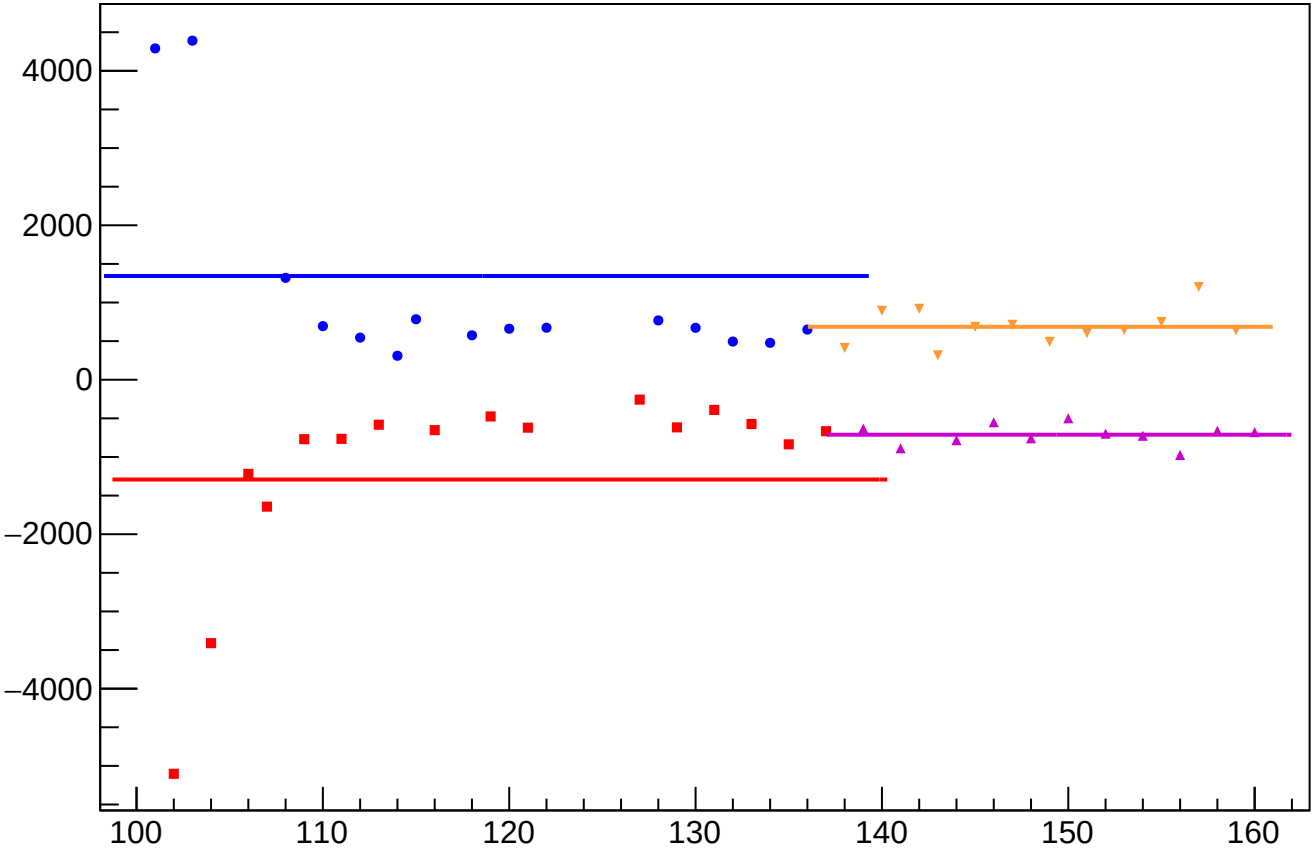
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

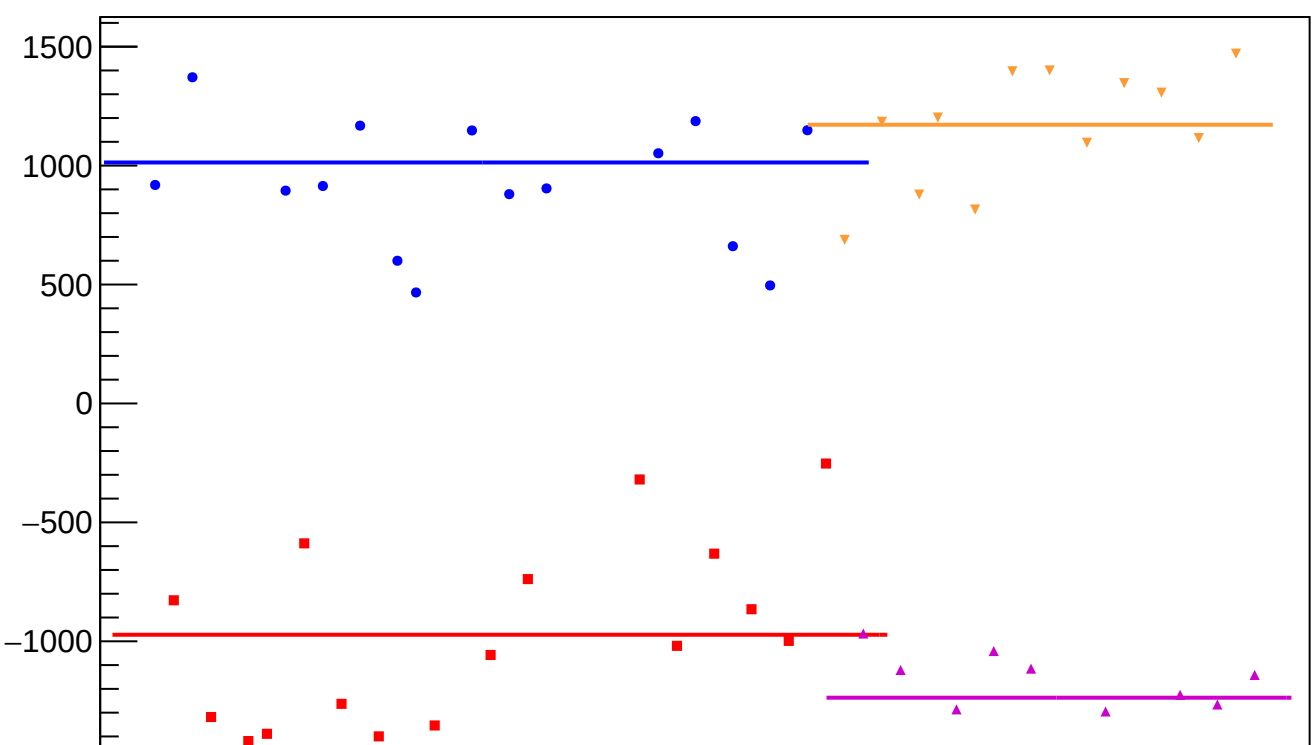
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

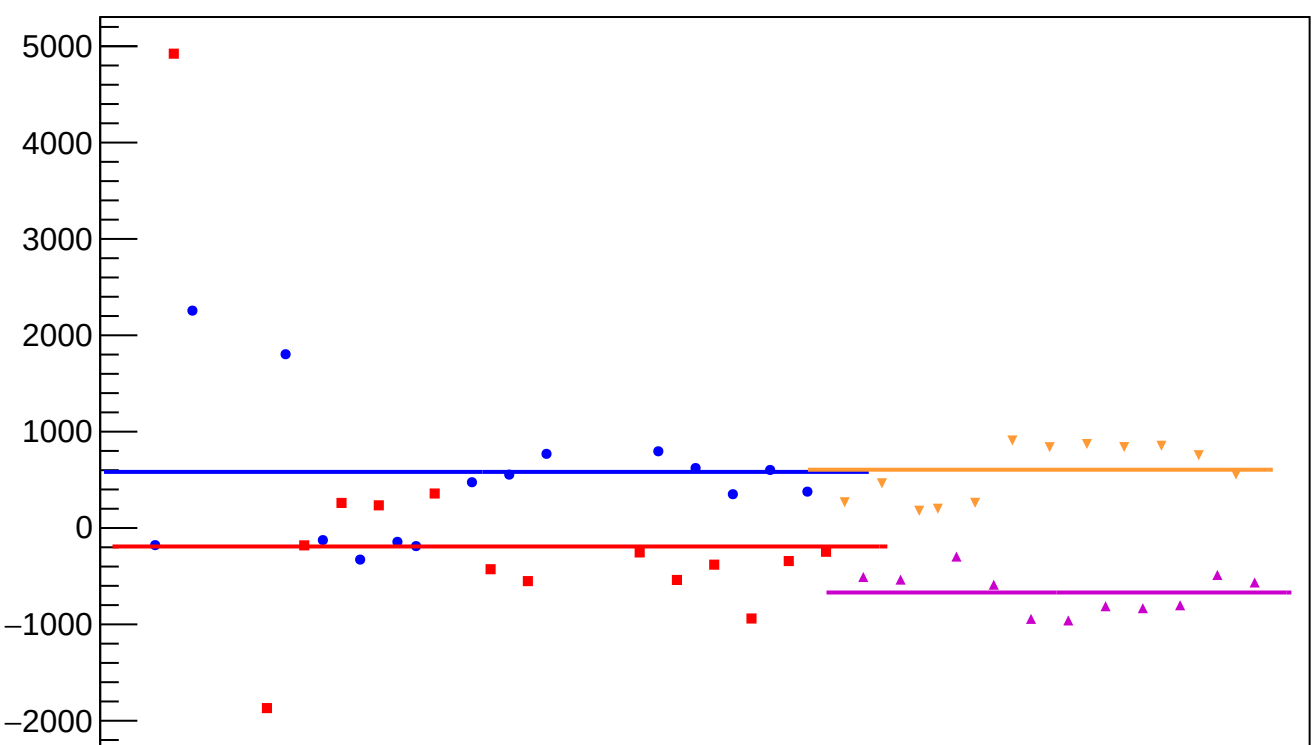
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



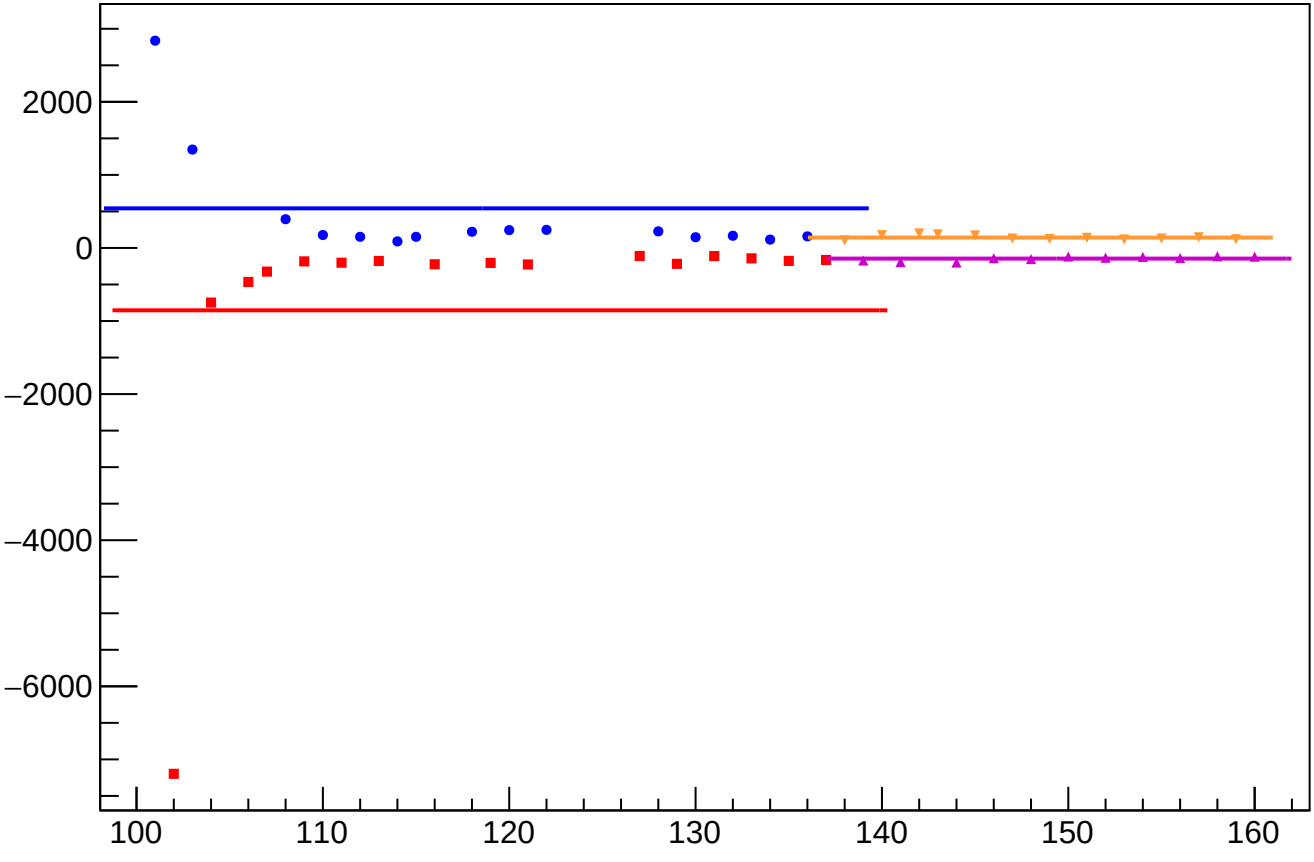
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

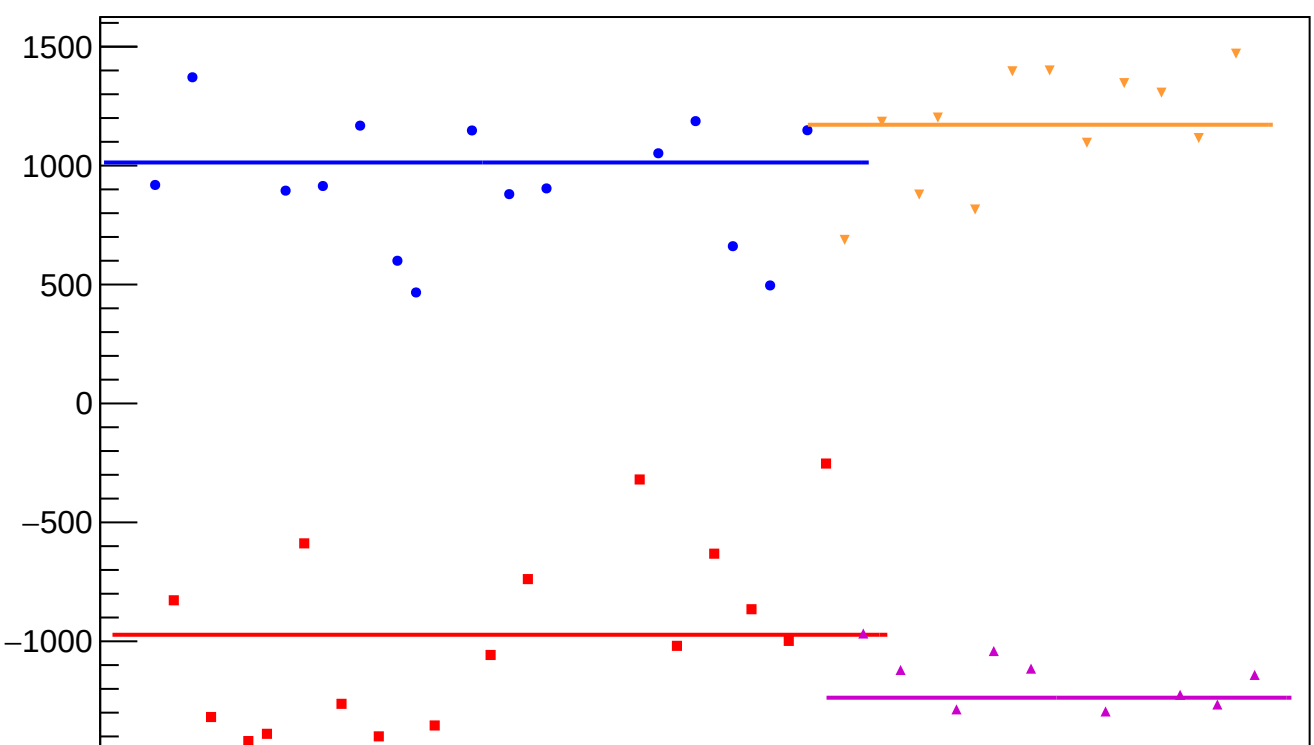
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

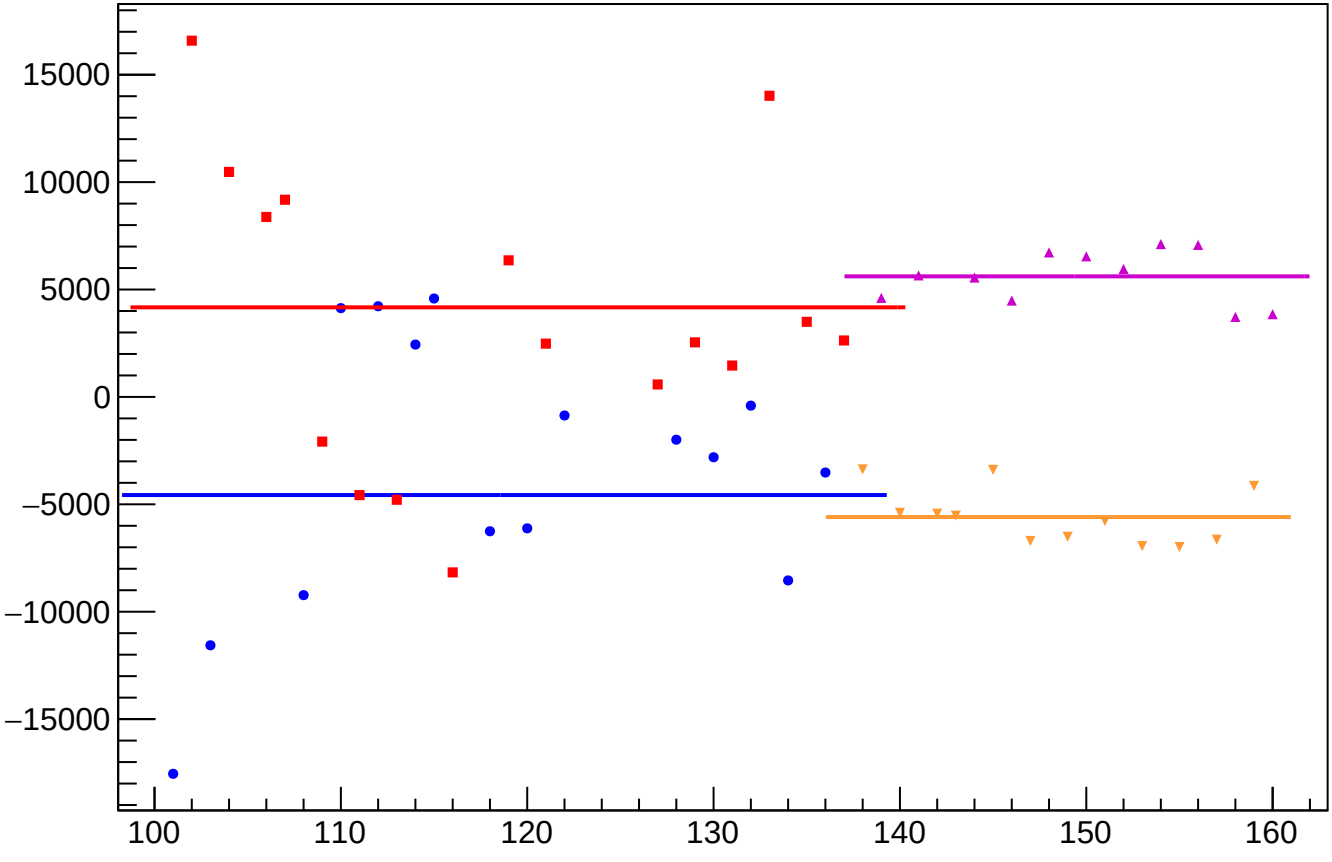
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



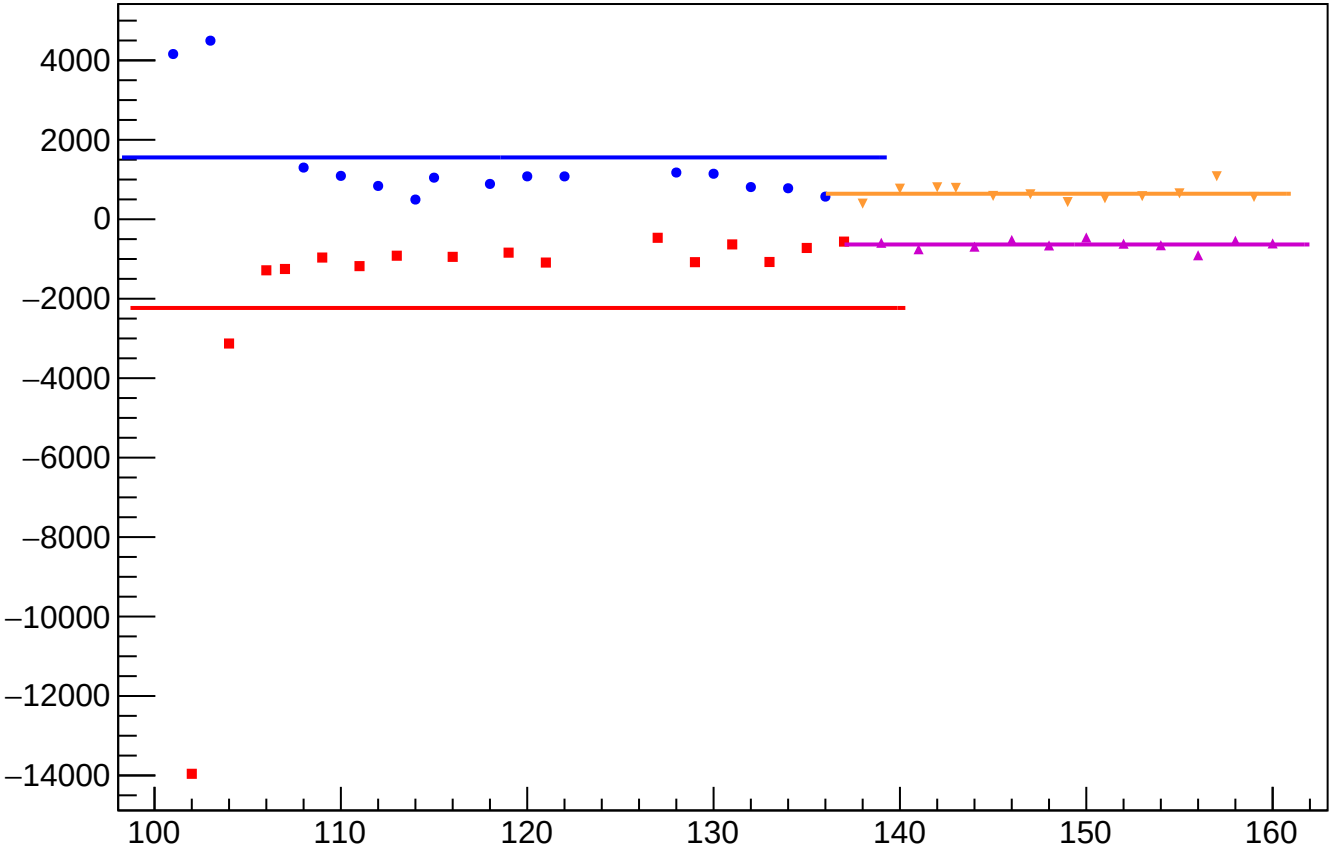
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

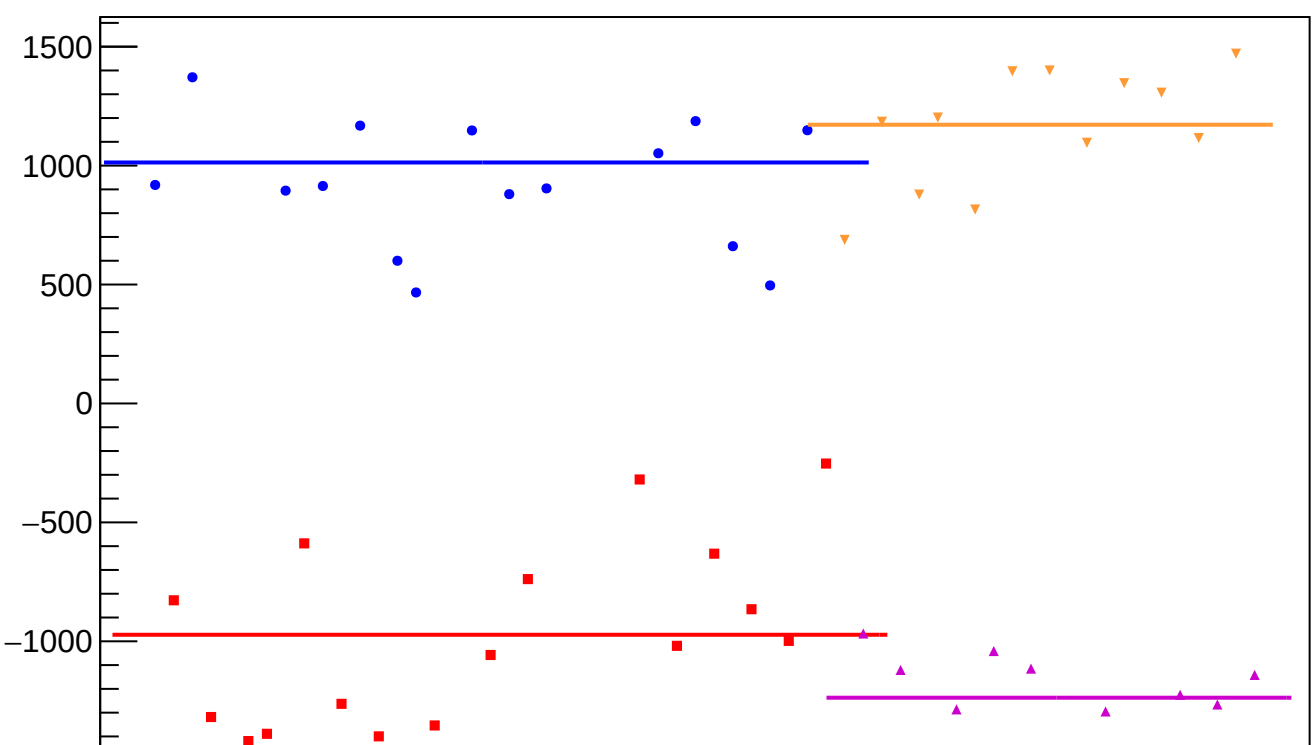
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

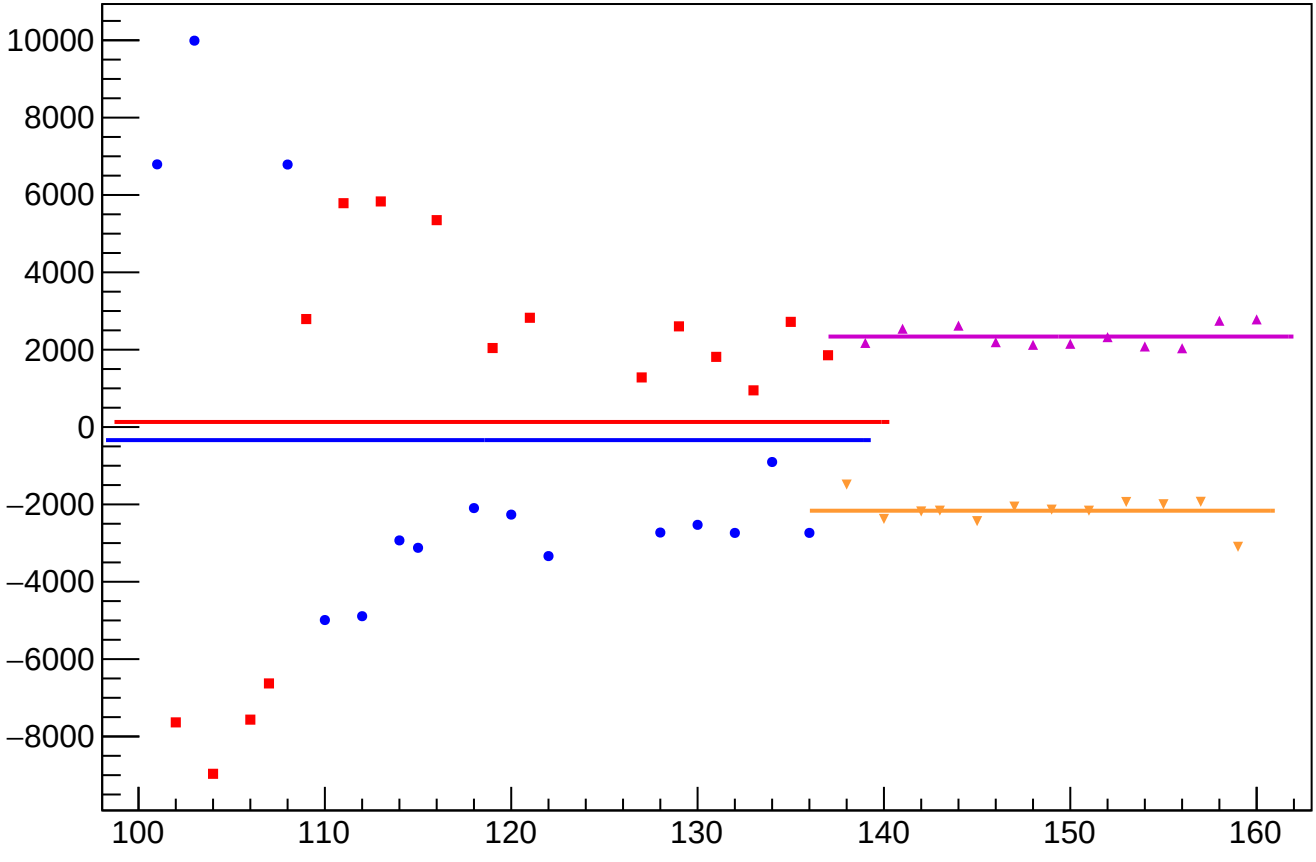
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

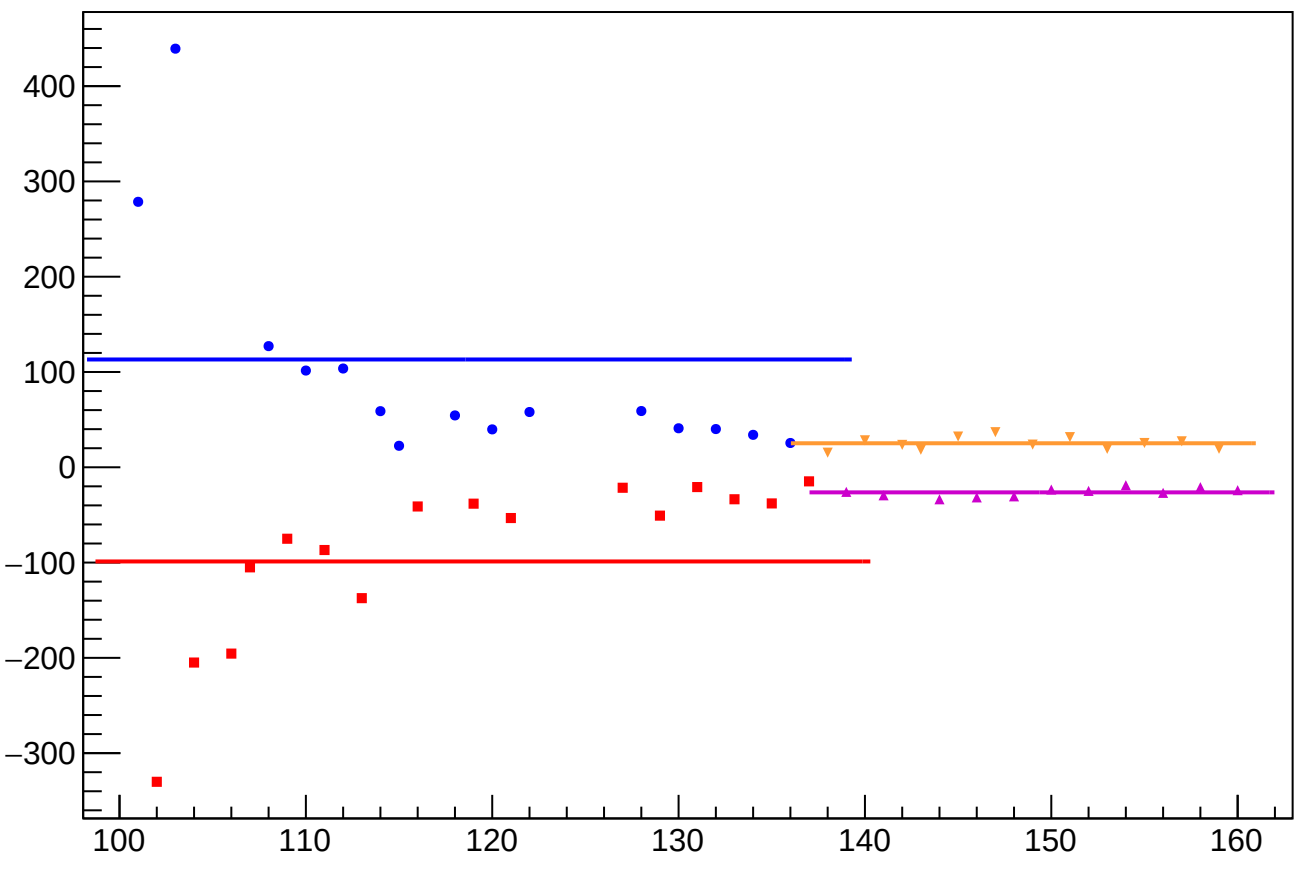
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

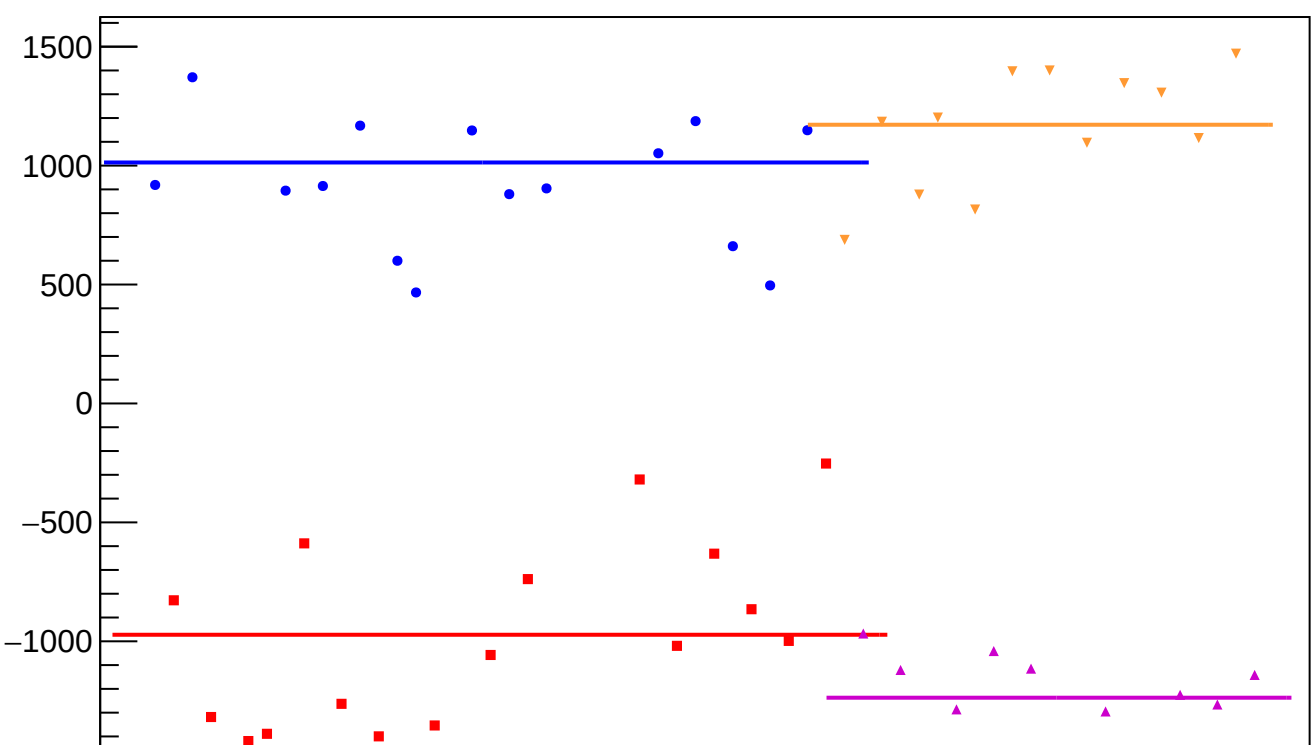
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

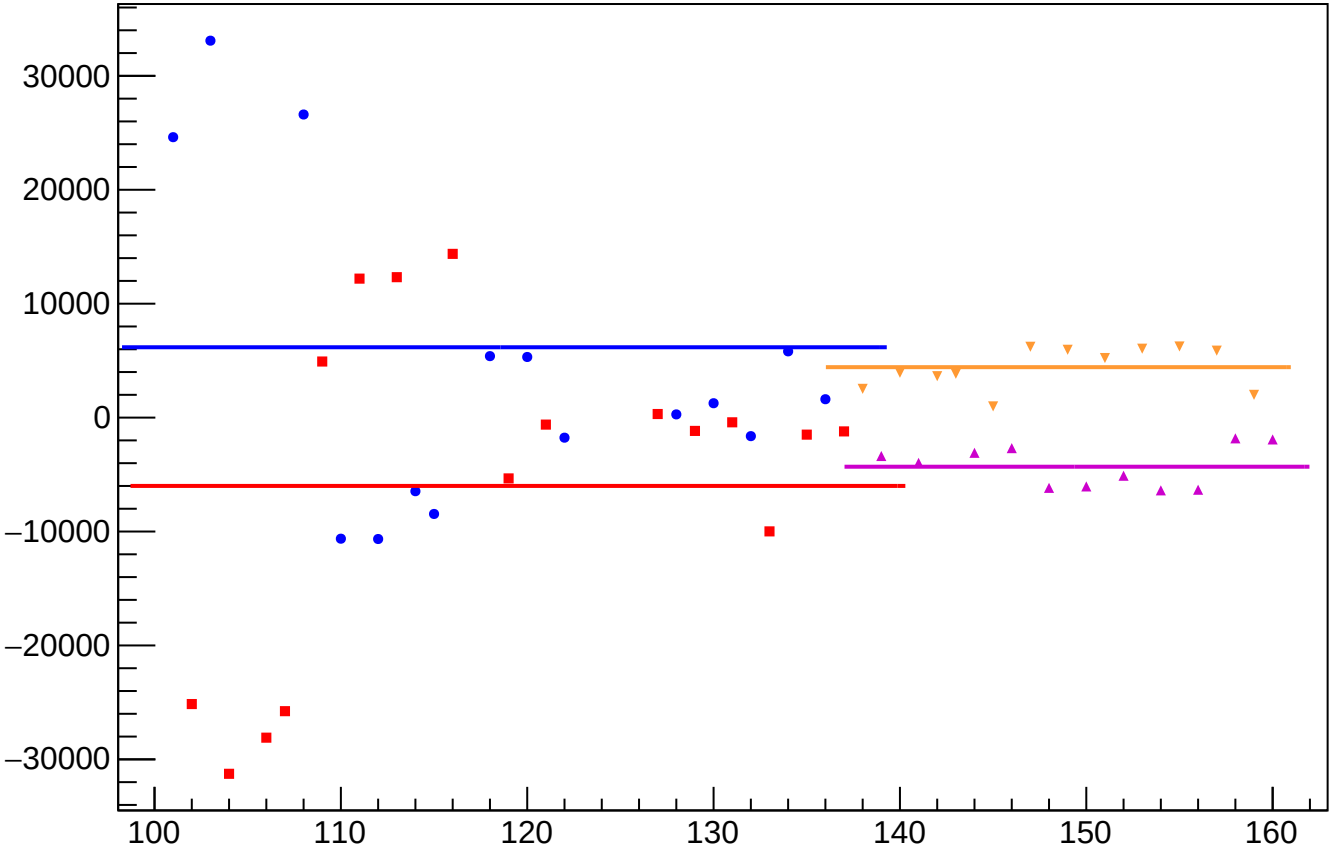
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

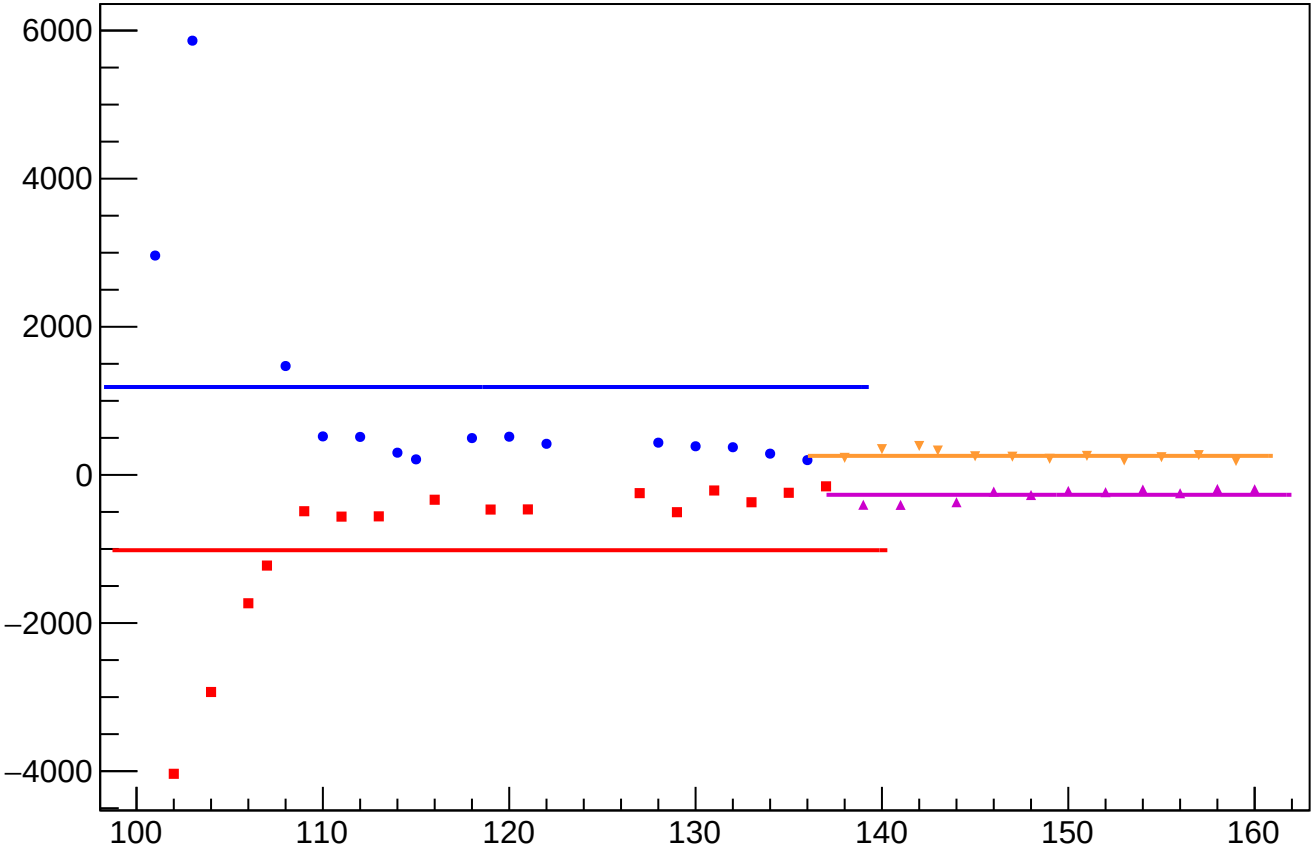
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

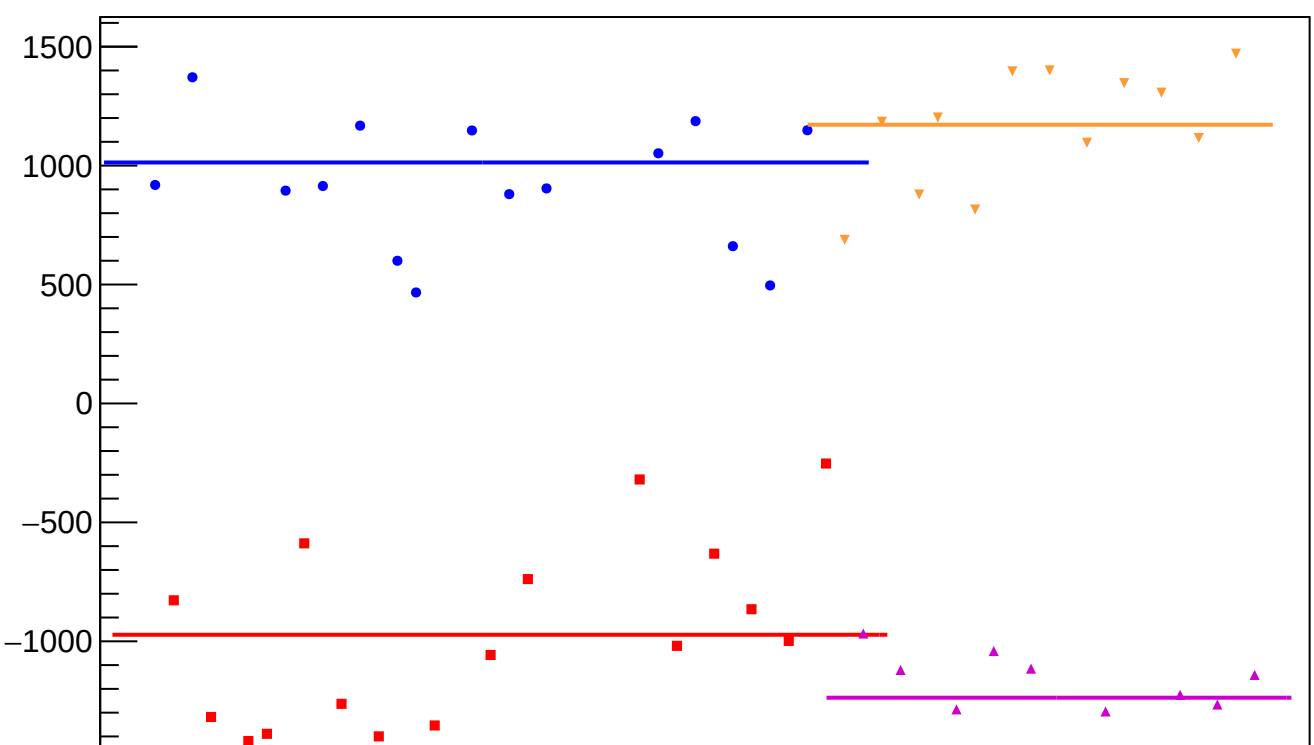
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

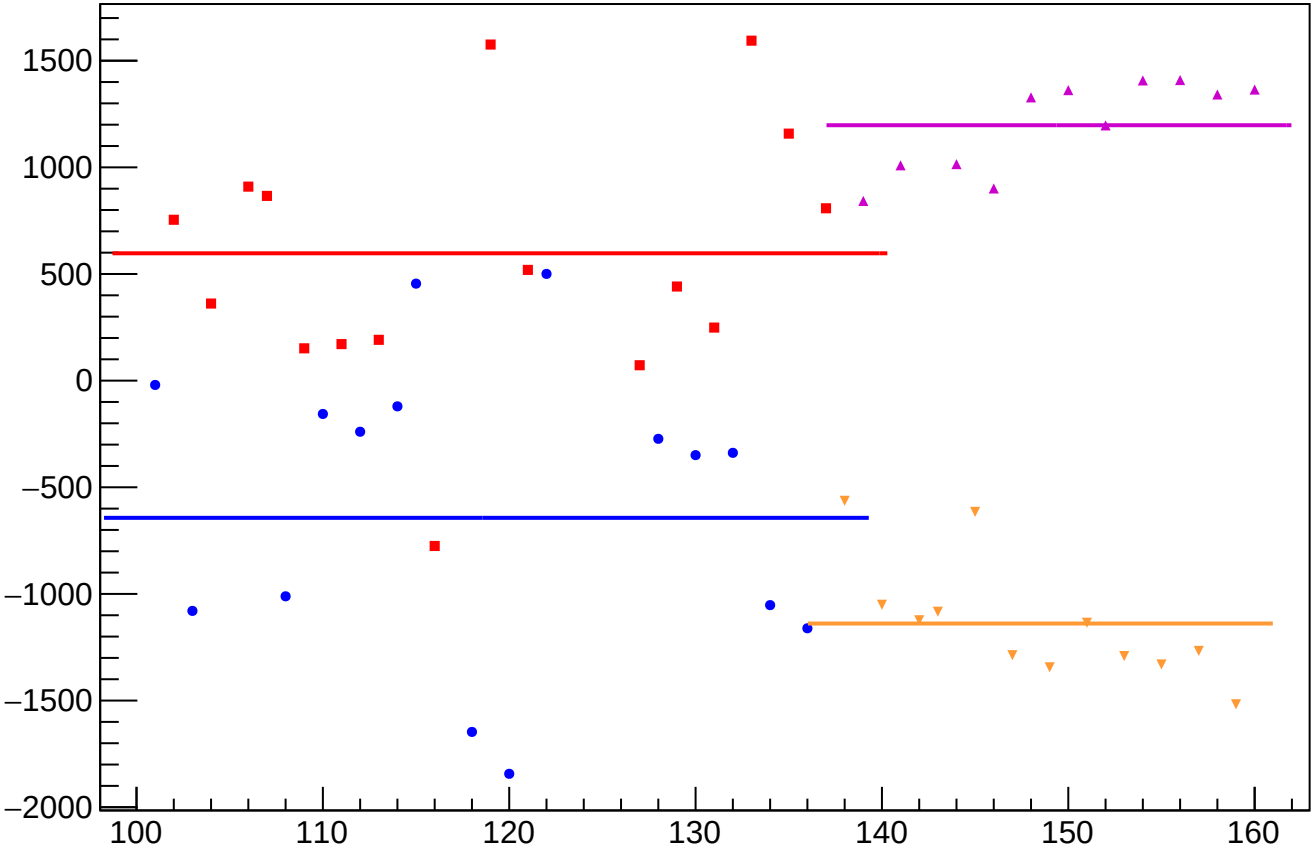
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

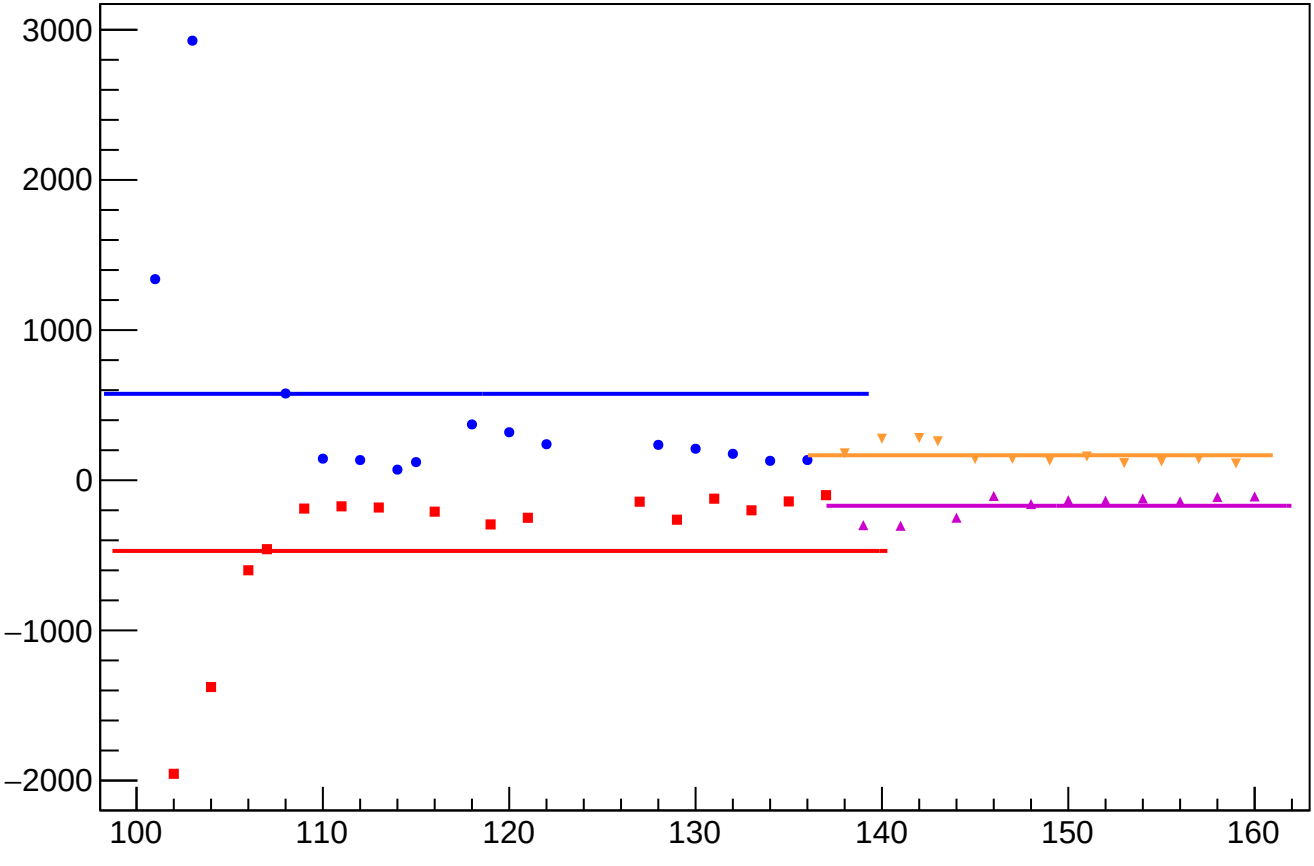
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



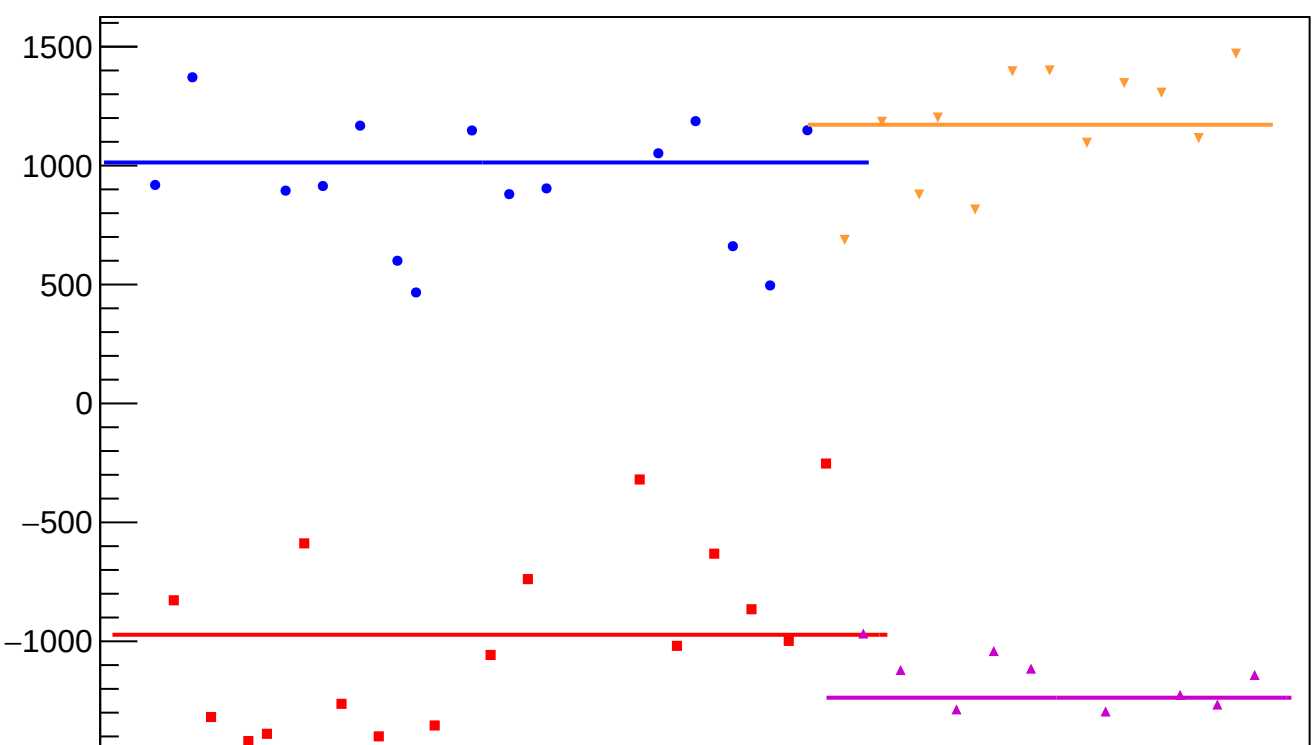
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

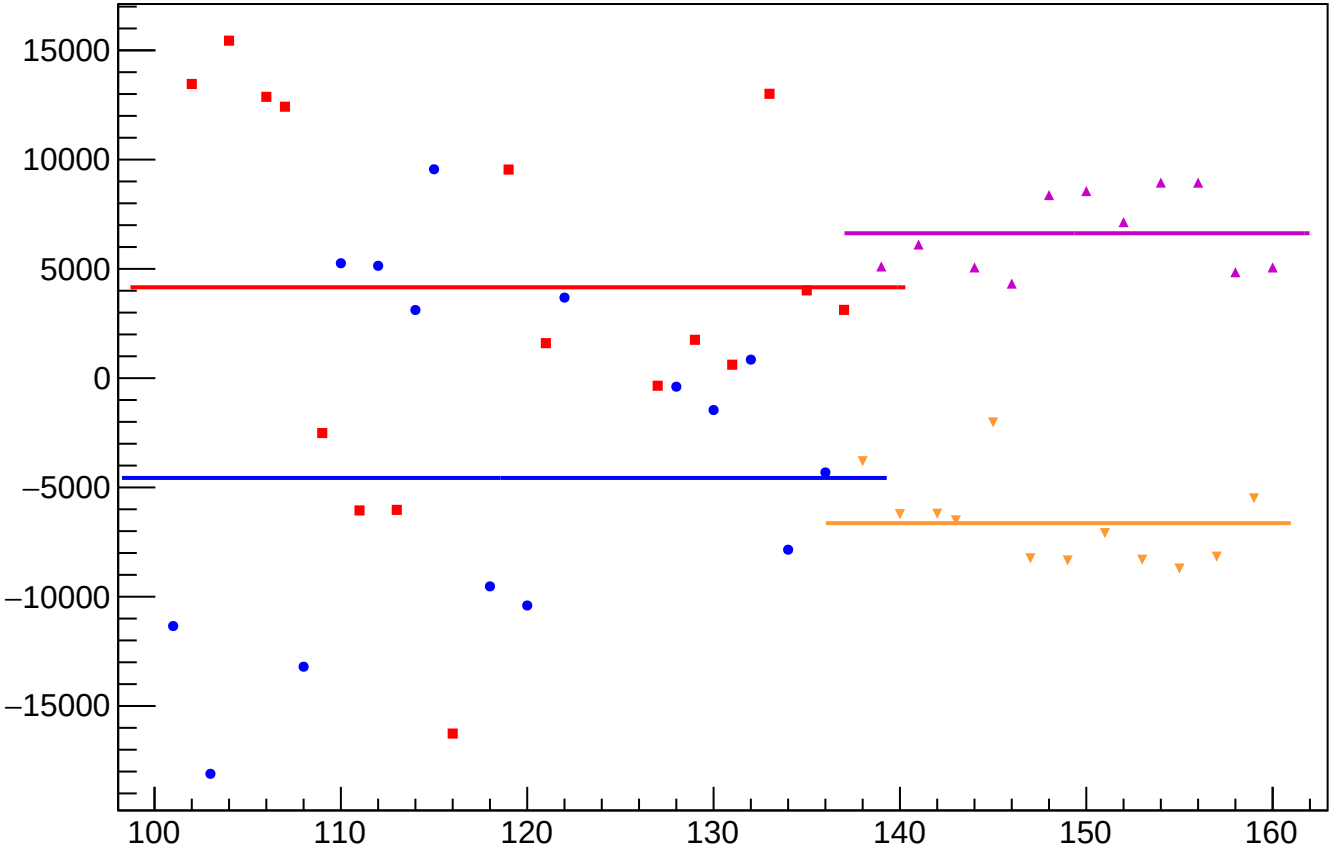
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

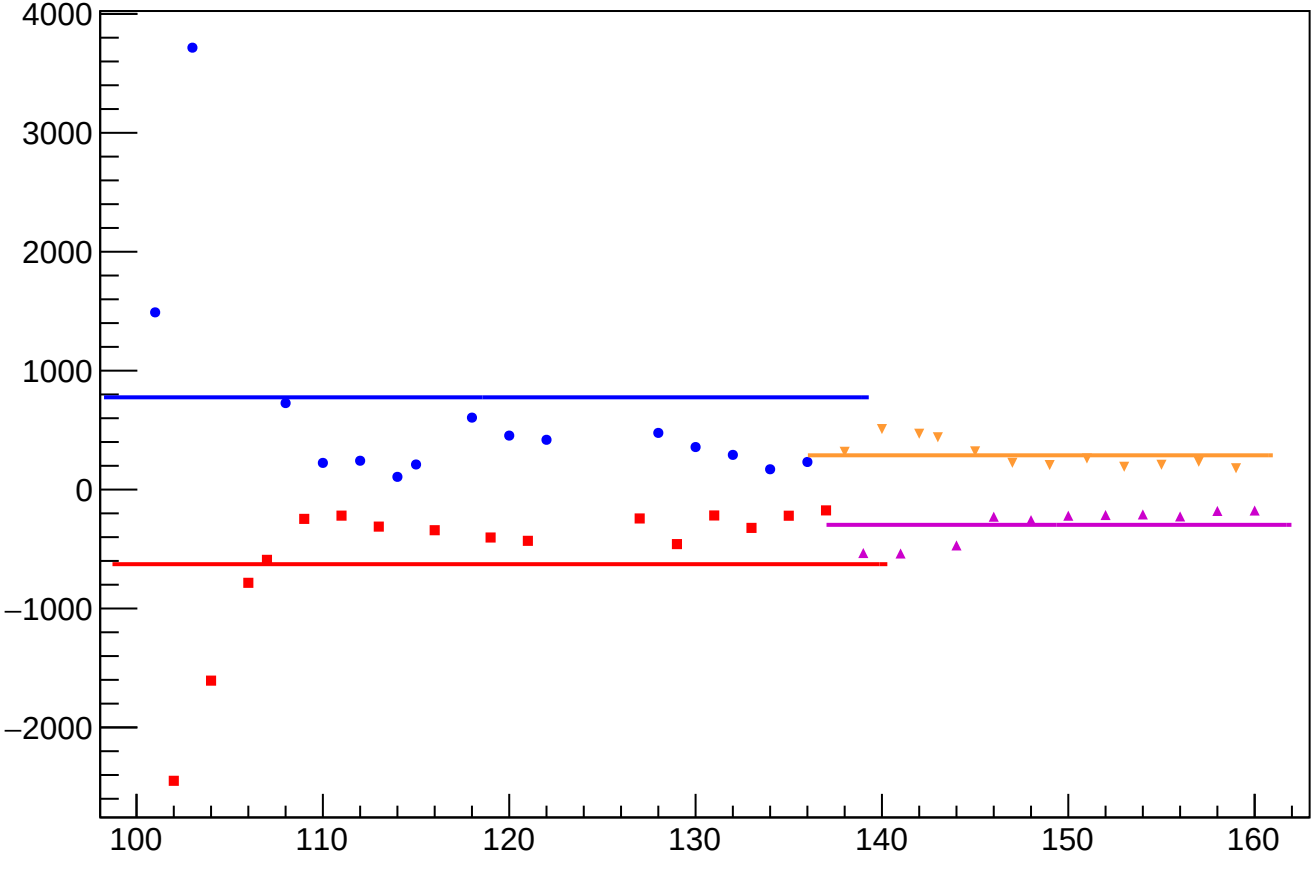
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

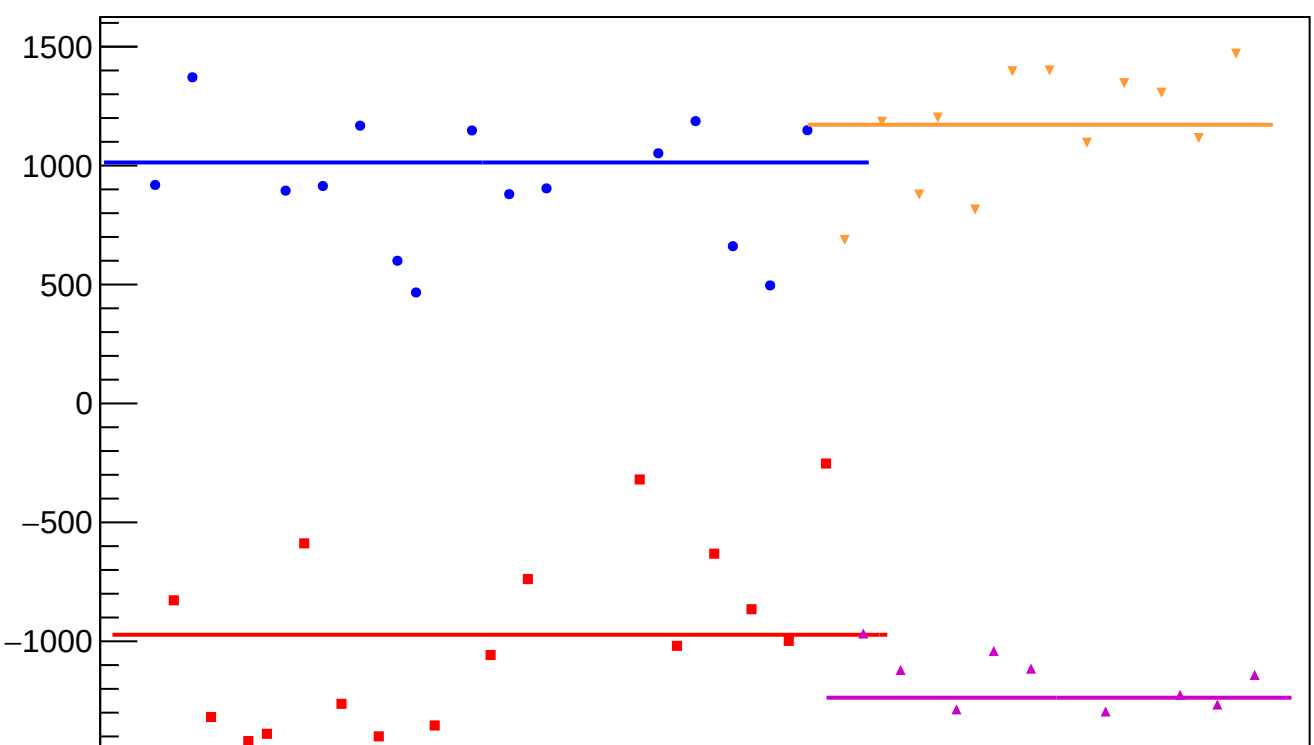
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

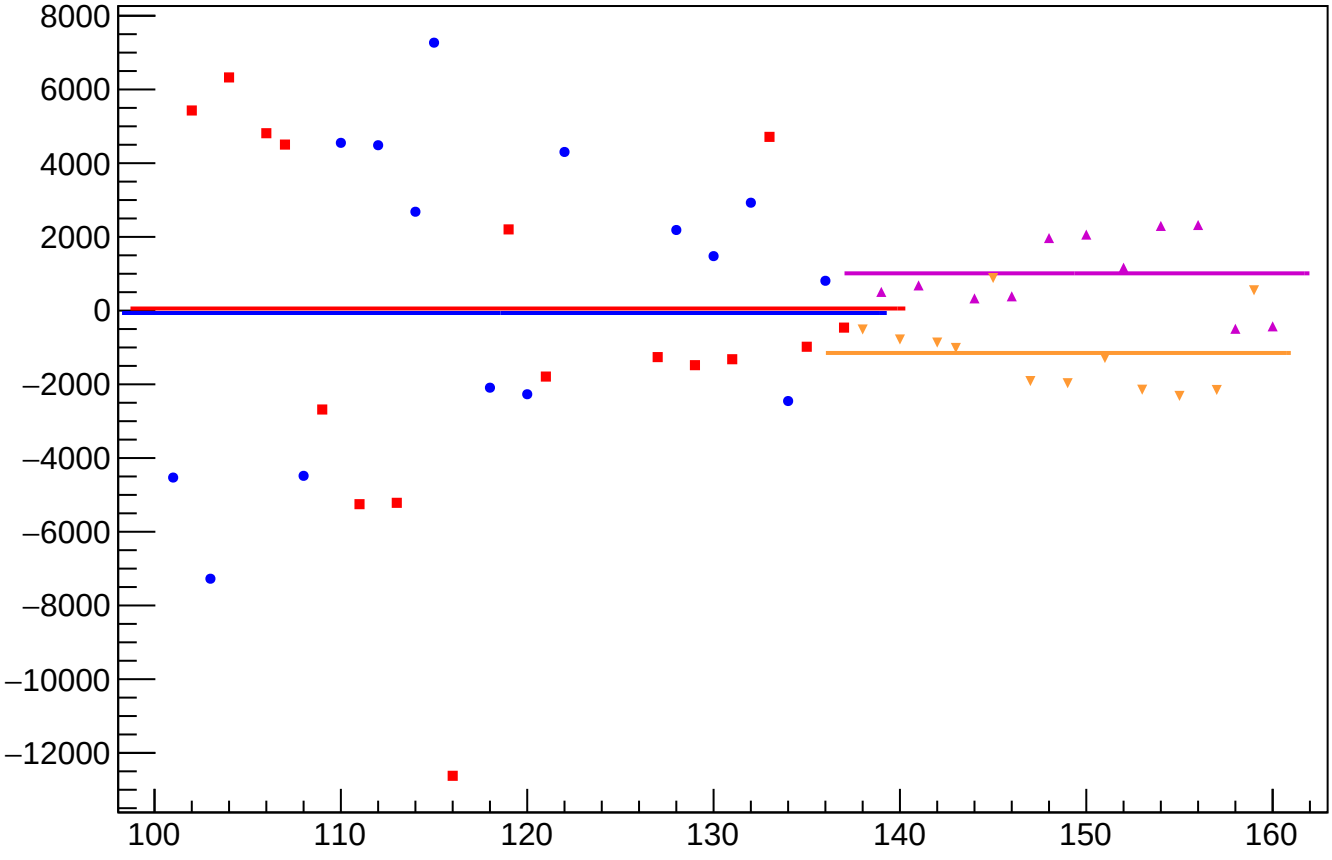
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

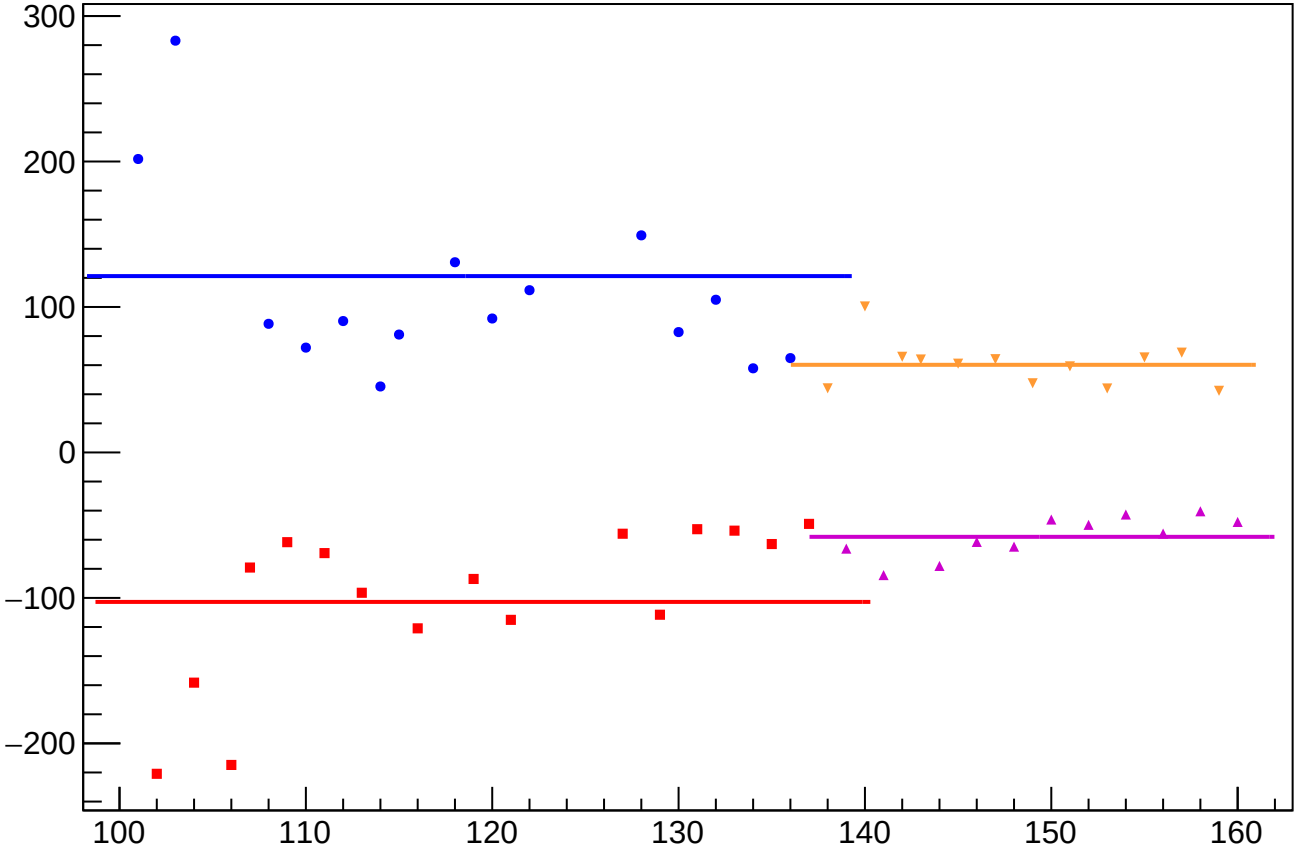
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



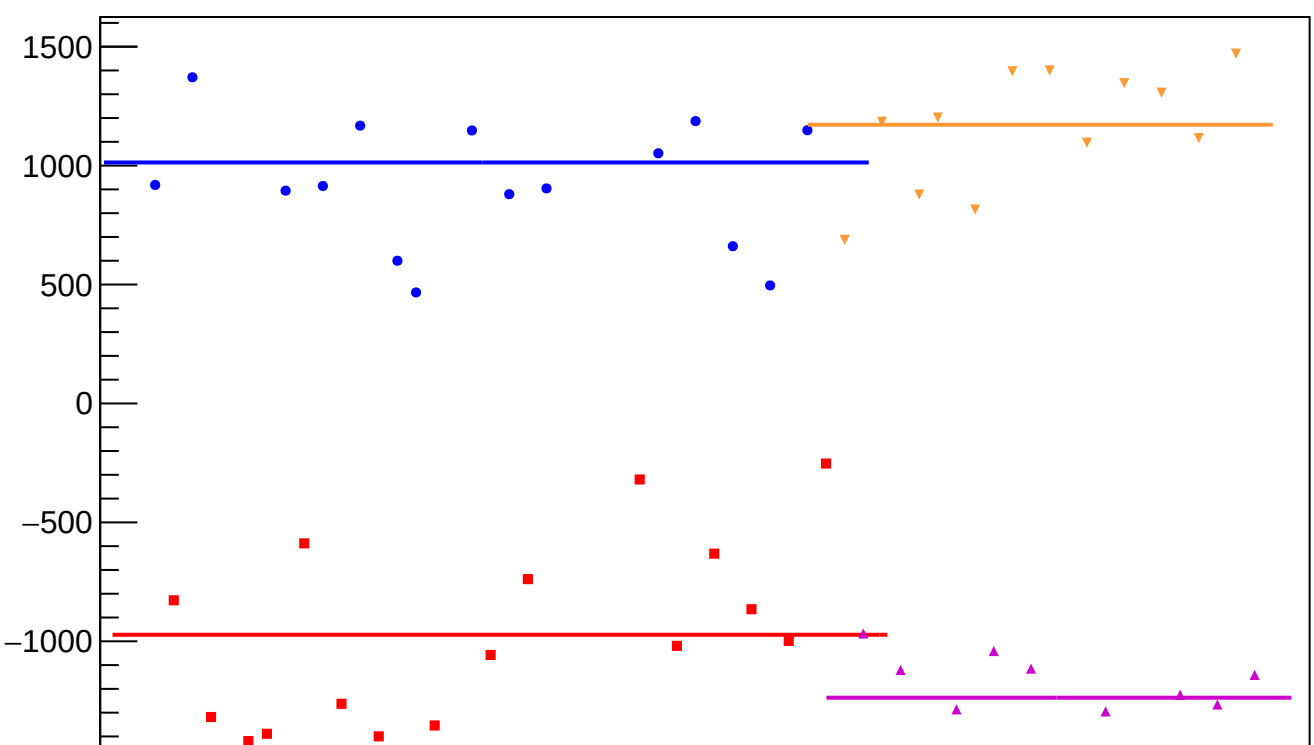
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



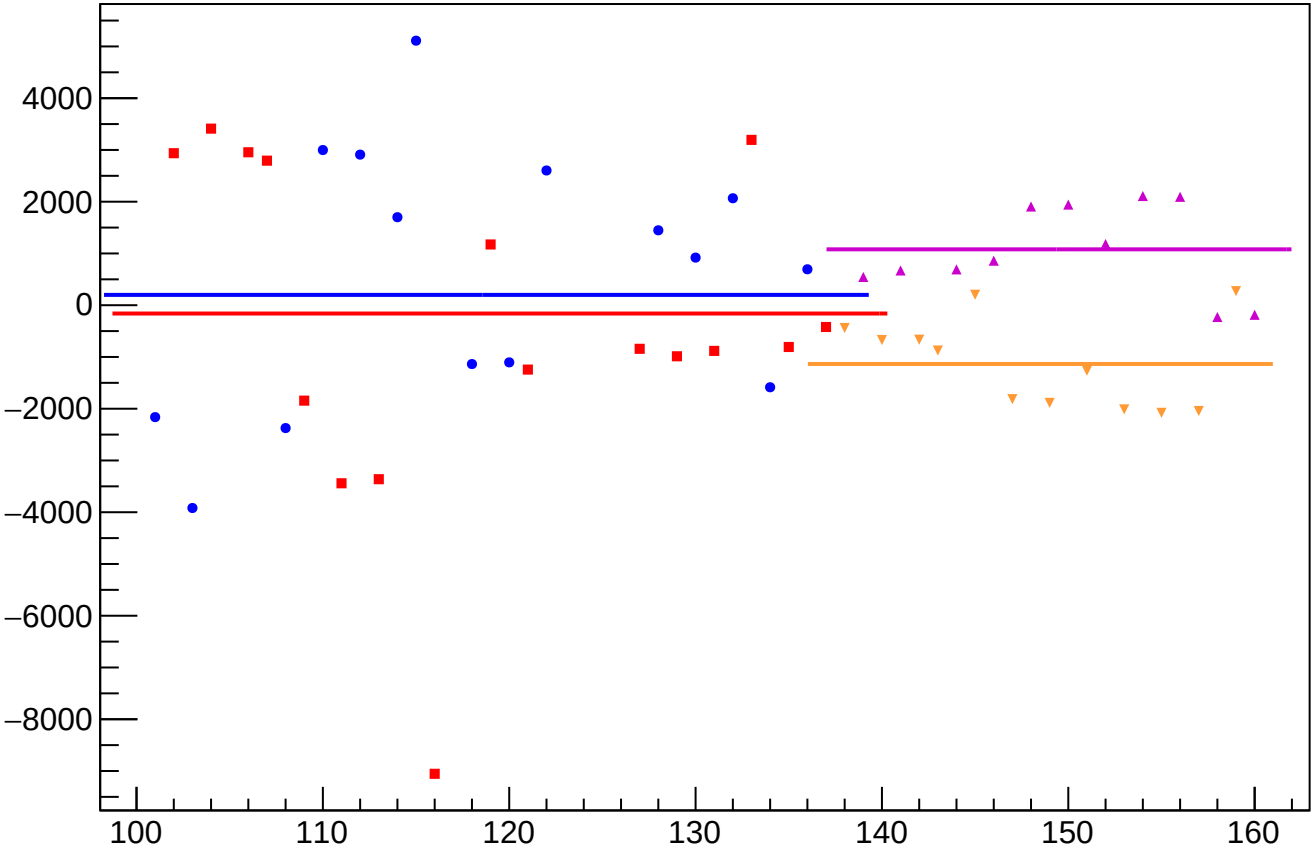
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

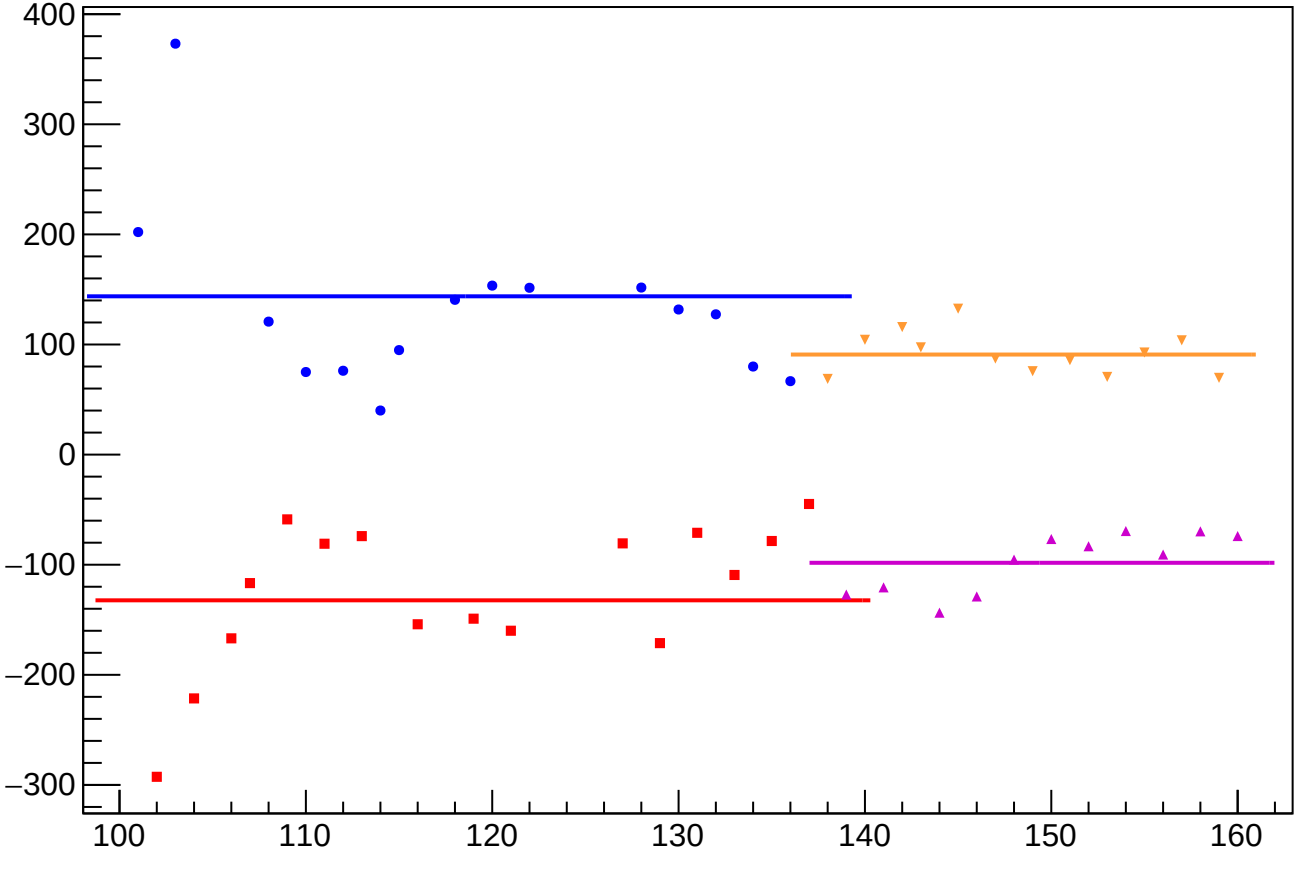
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

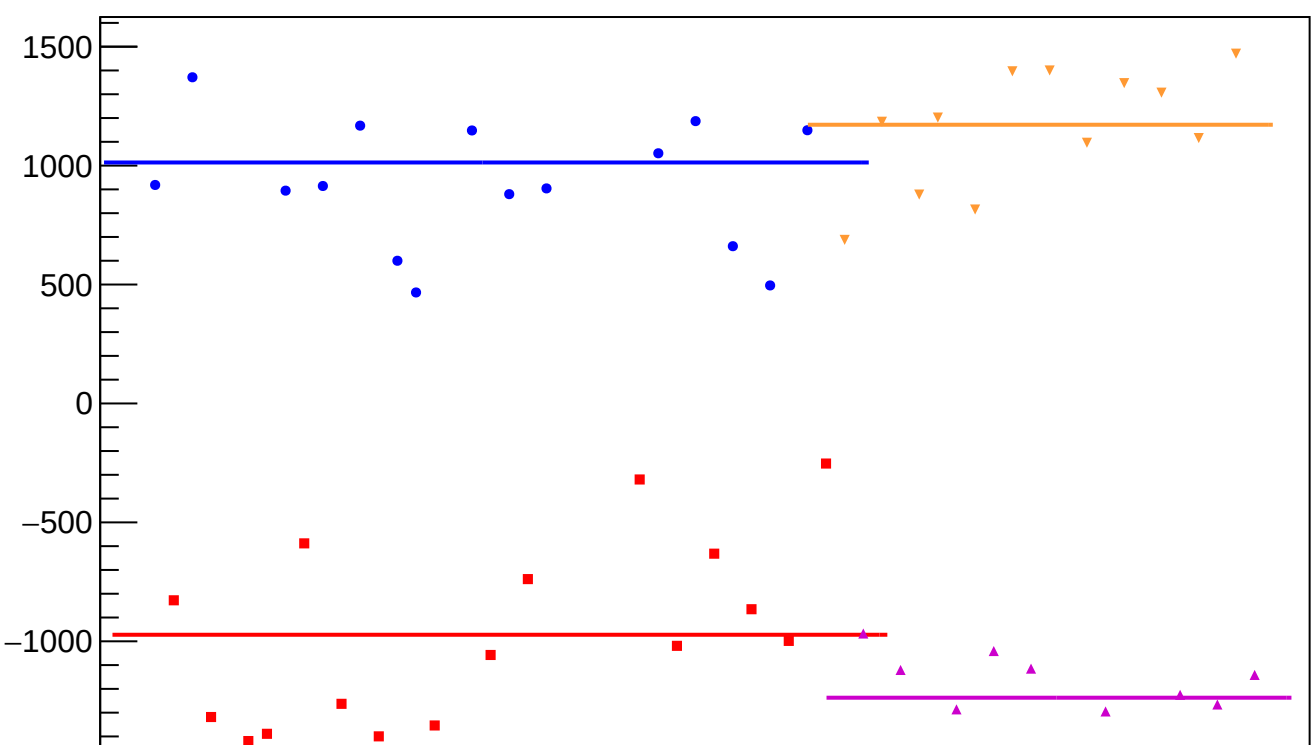
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

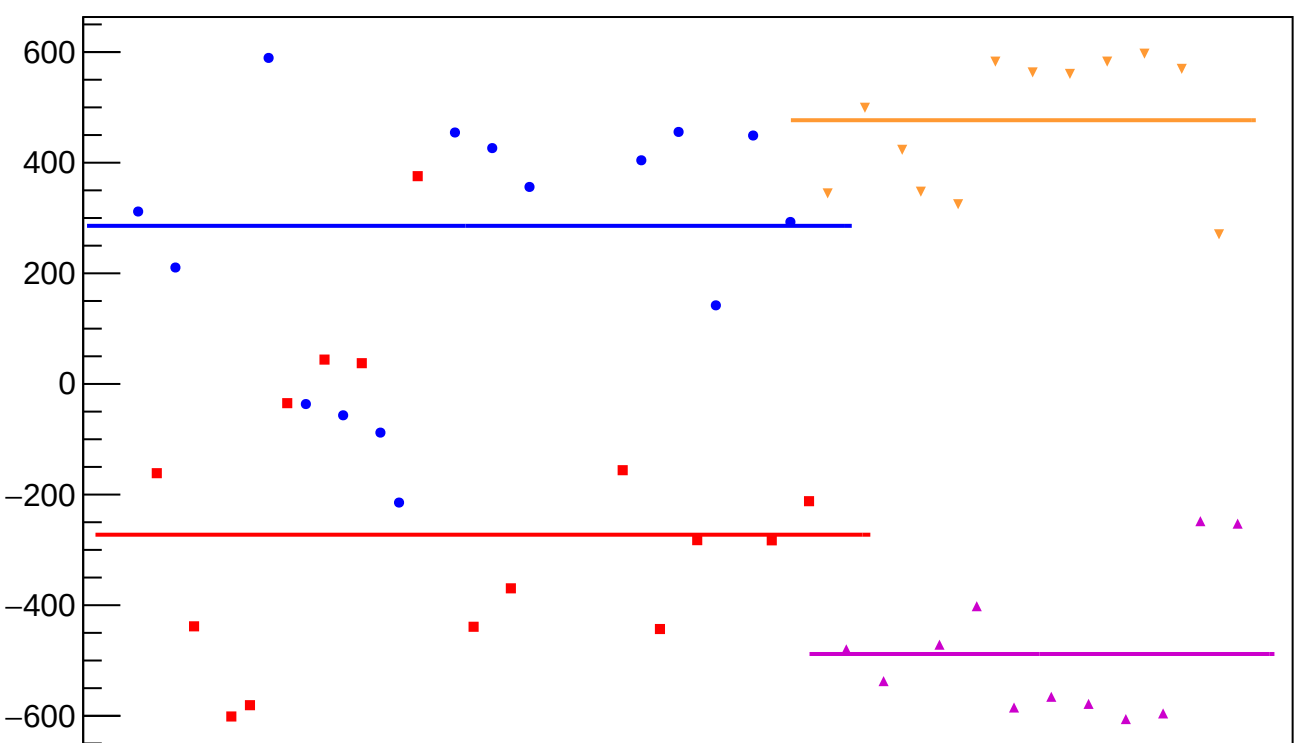
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

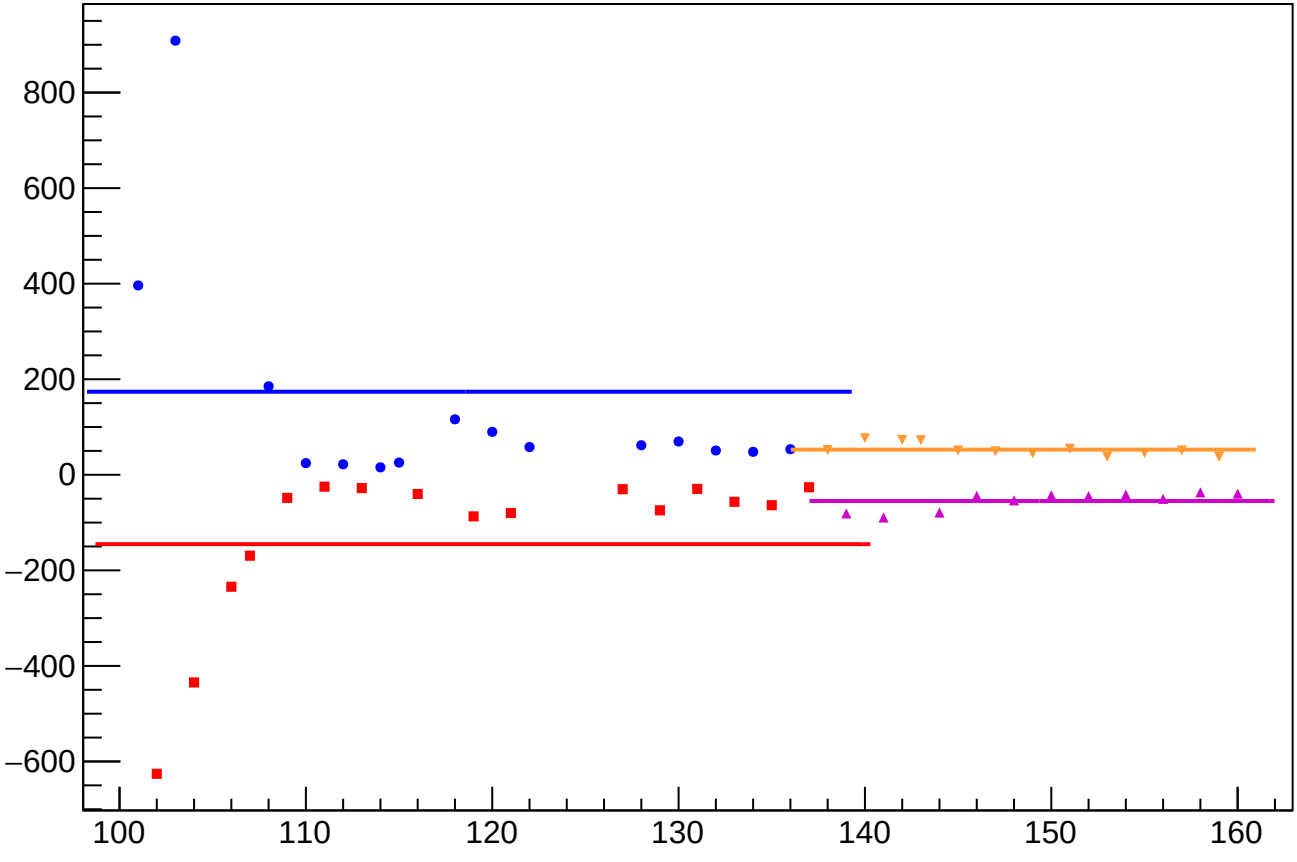
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

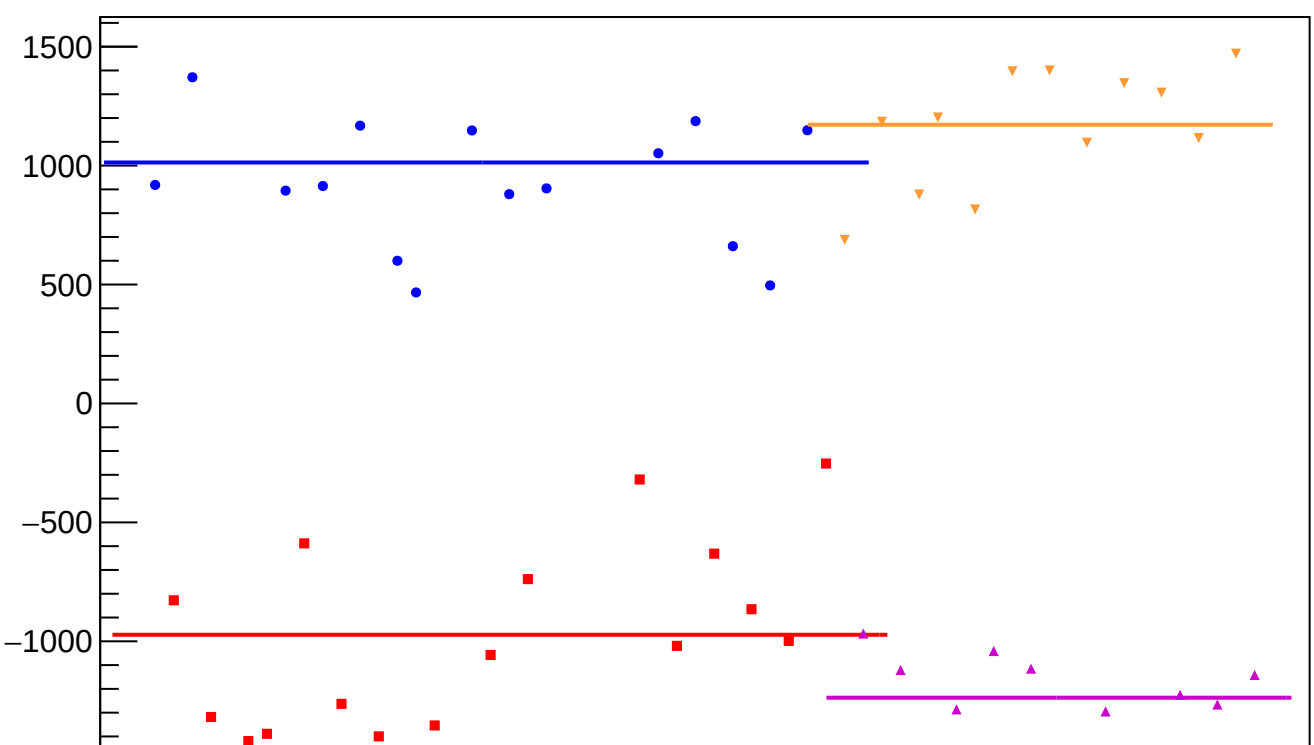
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

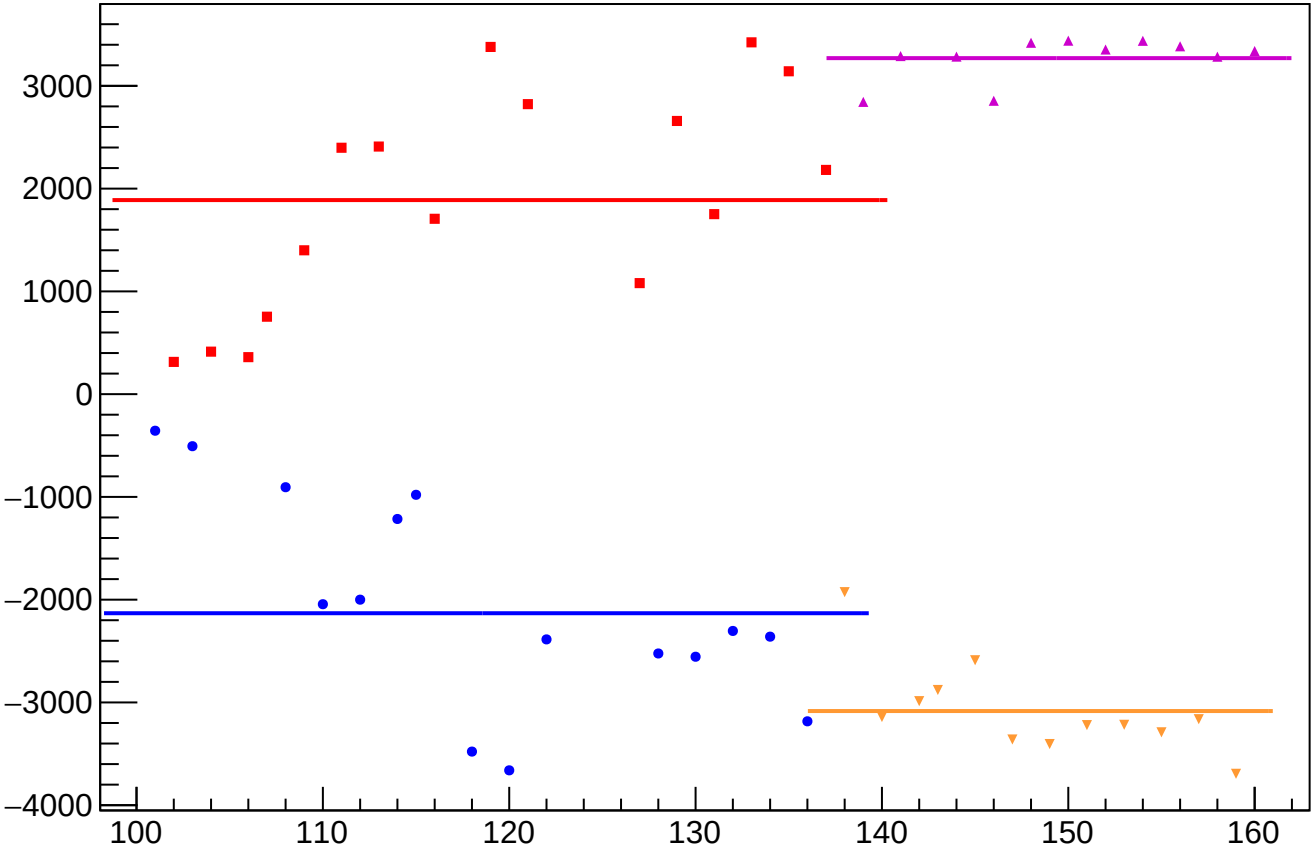
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

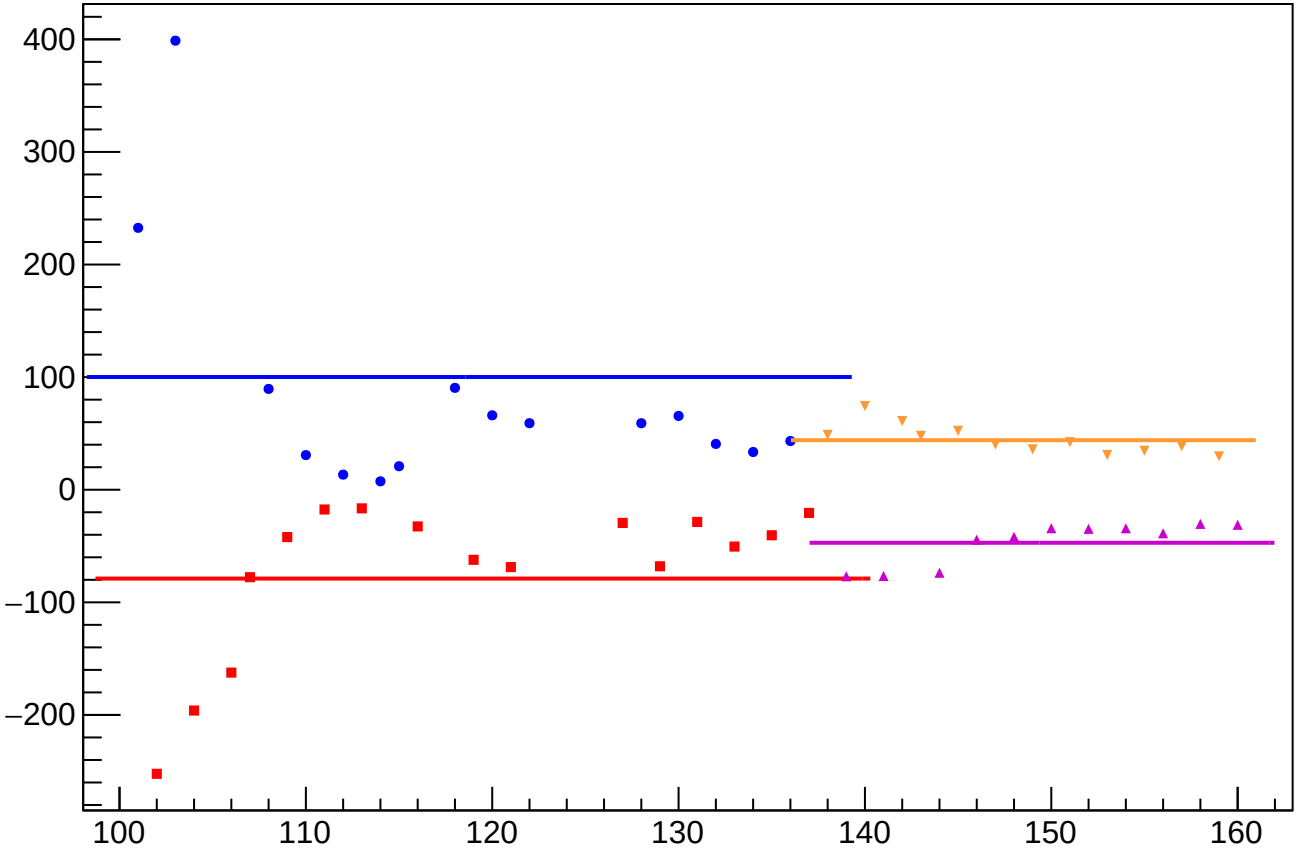
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

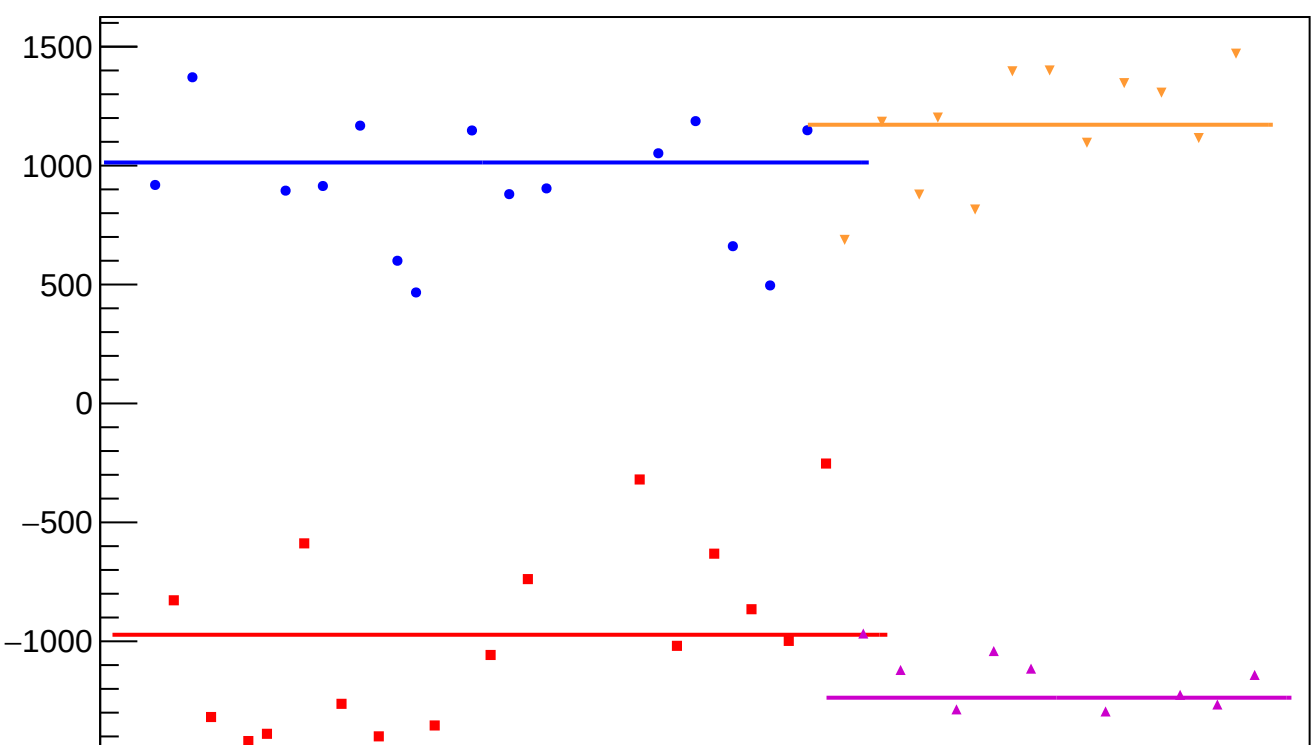
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

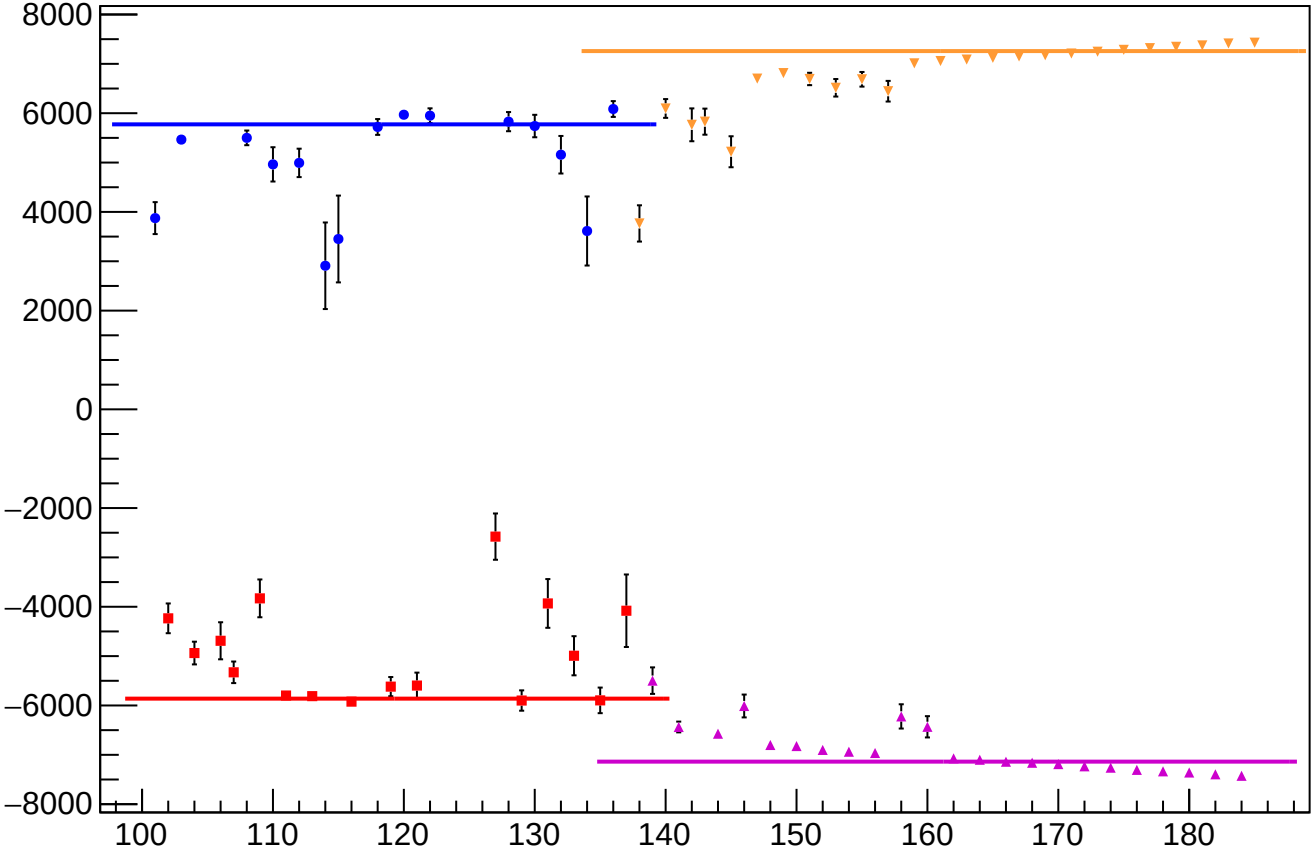
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 544.300+/-0.067 χ^2/NDF: 11467691043.9/47

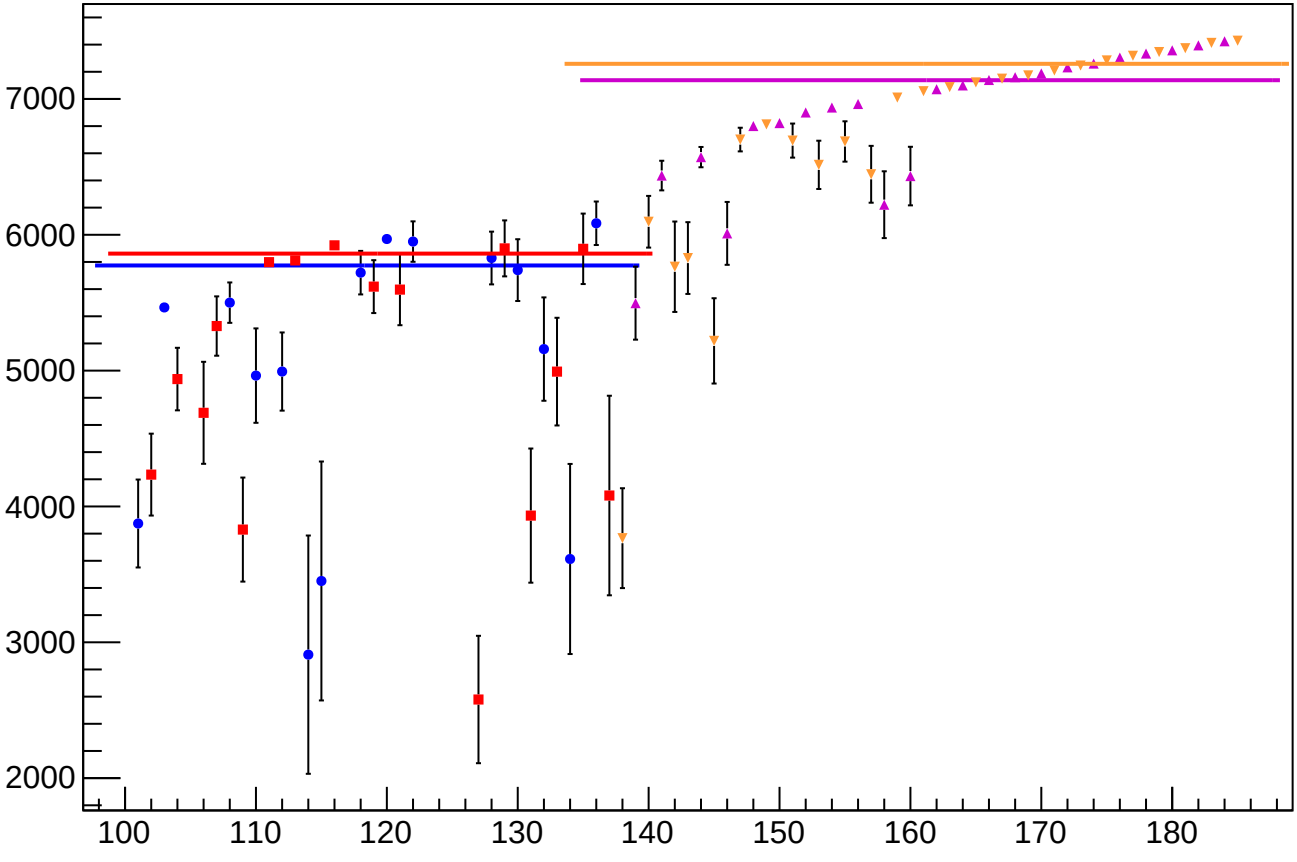
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 3294.134+/-0.077 χ^2/NDF:6170438889.1/40

All: -15.116+/-0.057 χ^2/NDF: 14311598667.5

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7202.367+/-0.067 χ^2/NDF: 9591818.2/47

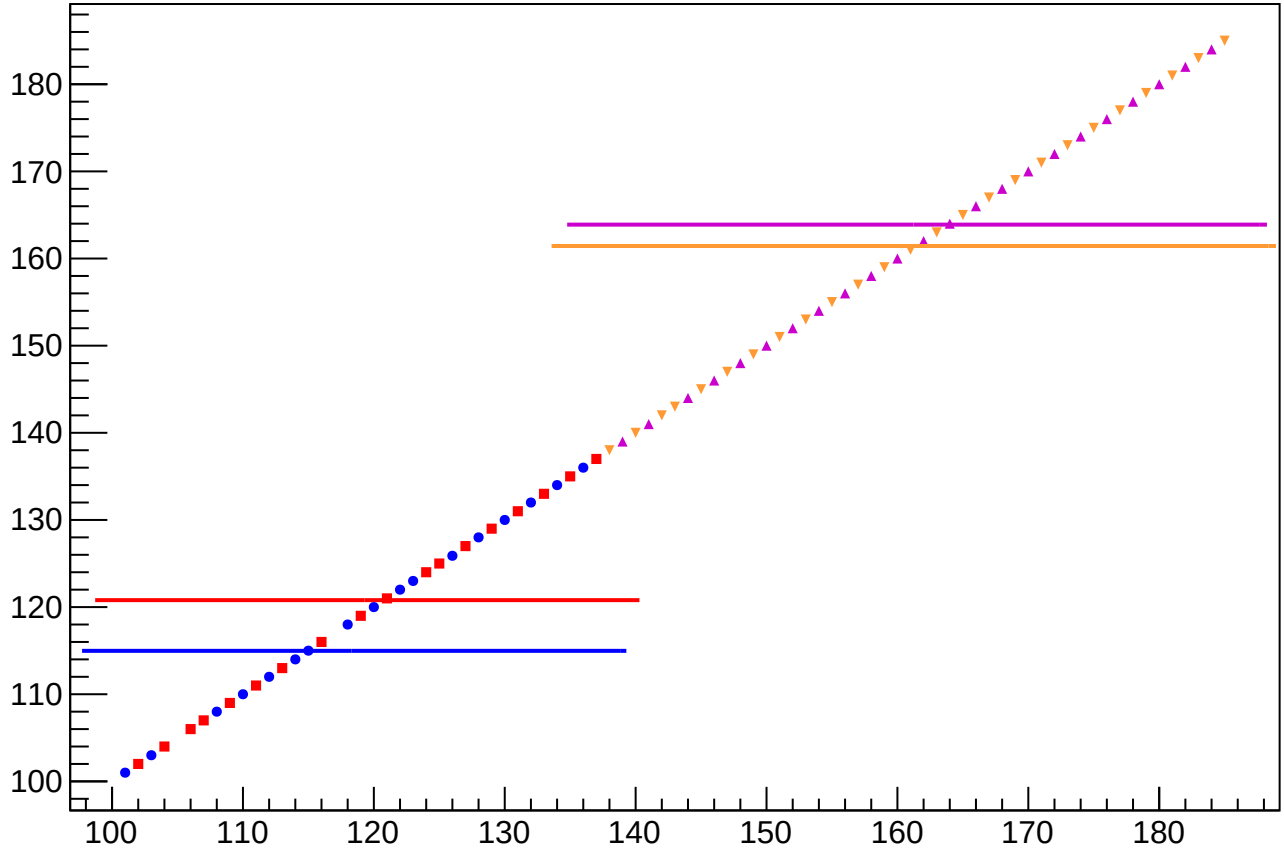
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6836.451+/-0.077 χ^2/NDF:74342923.0/40

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

dit_slug_slope vs Slug, Sign Corrected



Left: 162.851+/-0.000 χ^2/NDF: 3540465111321937

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.302+/-0.000 χ^2/NDF: 172044633770068

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

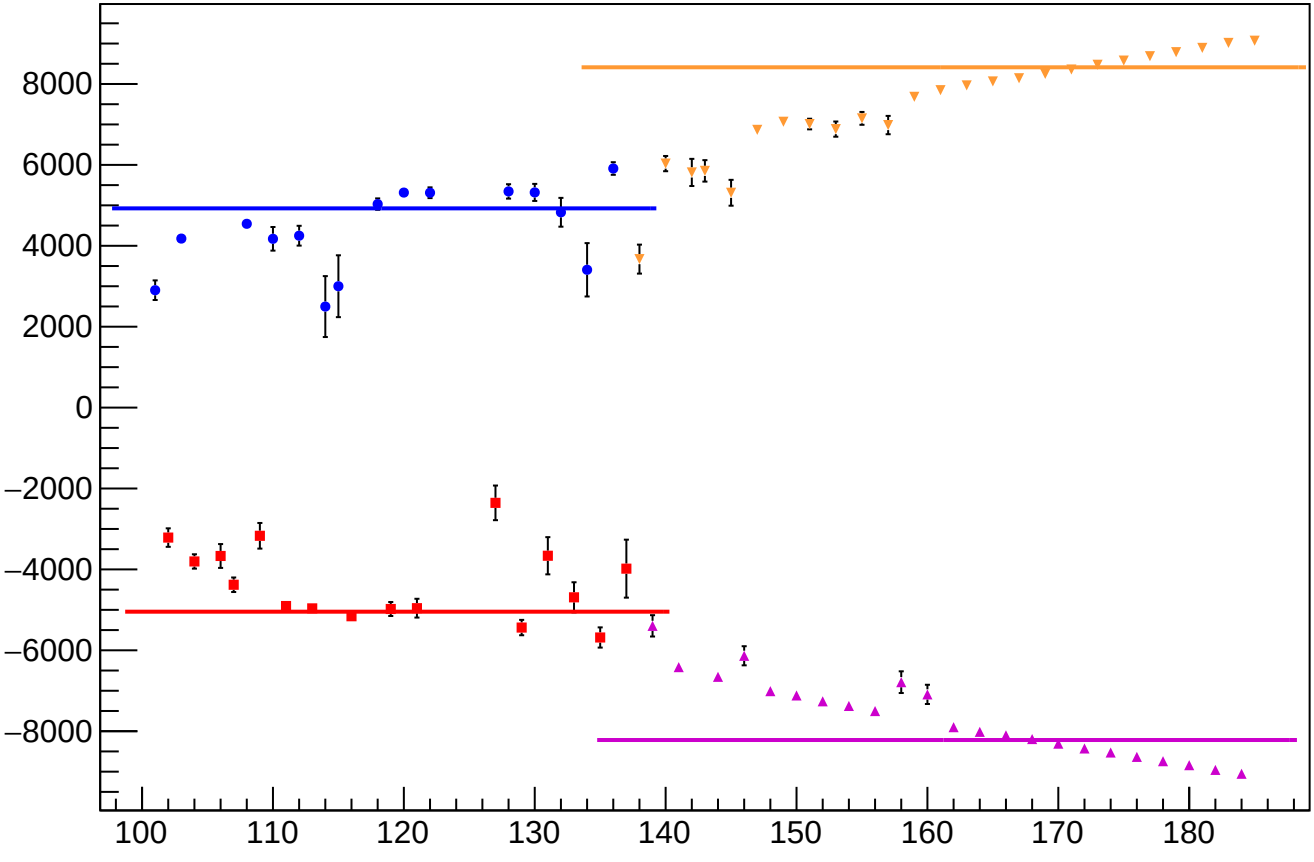
Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

Out: 141.079+/-0.000 χ^2/NDF:992205372524107 7

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

All: 139.354+/-0.000 χ^2/NDF: 299301426527

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -221.056+/-0.274 χ^2/NDF: 921962342.7/47

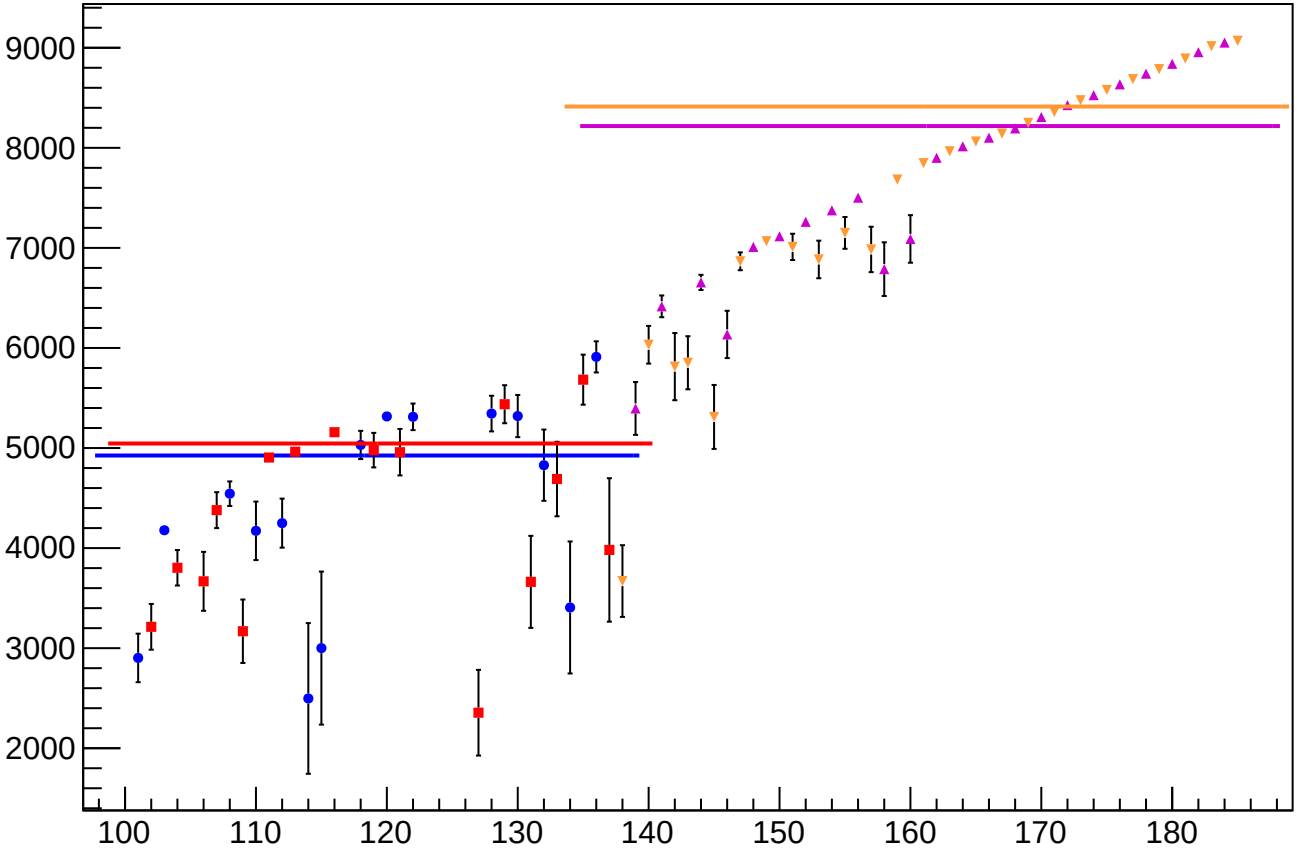
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4915.430+/-0.340 χ^2/NDF:302691560.4/40

All: -519.775+/-0.245 χ^2/NDF: 1003073907.0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8311.458+/-0.274 χ^2/NDF: 5206774.3/47

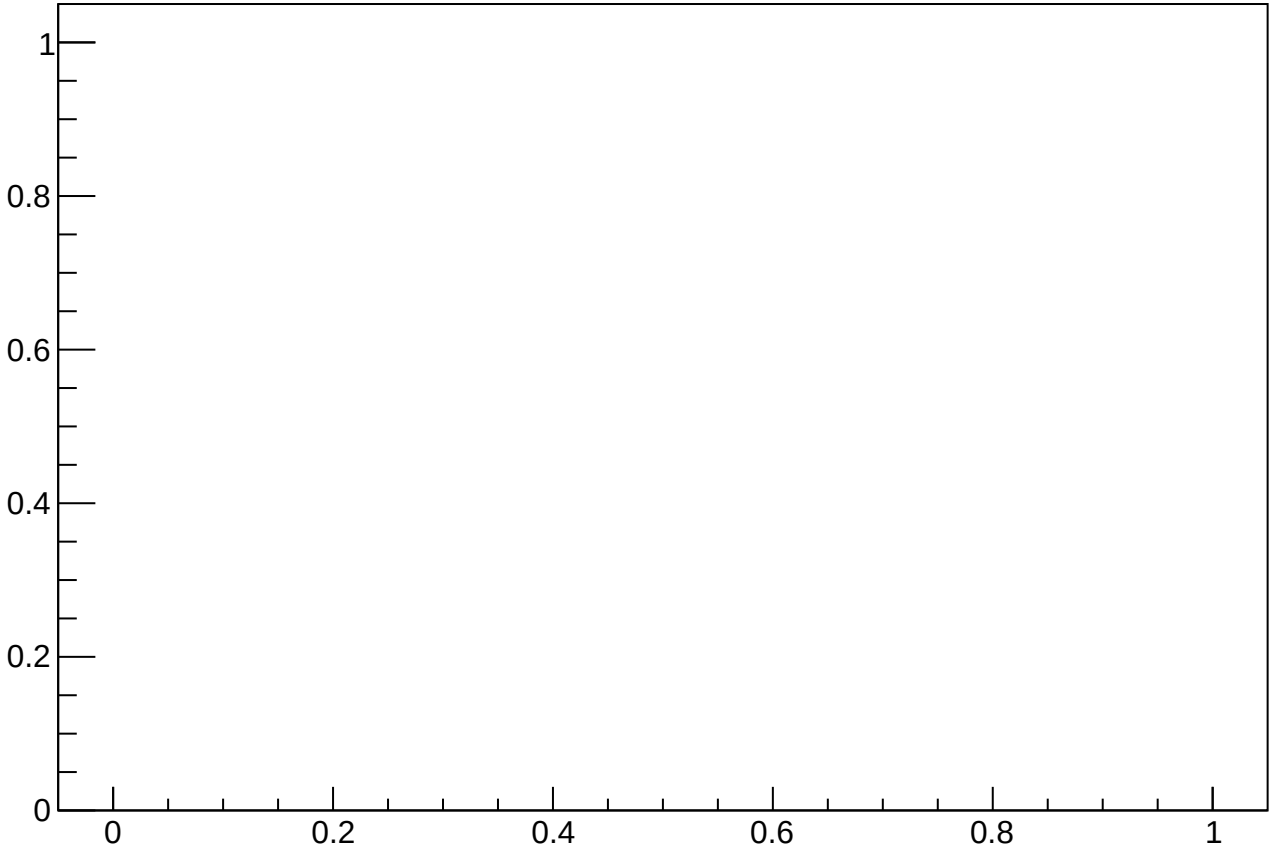
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7537.633+/-0.340 χ^2/NDF:20955273.2/40

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

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

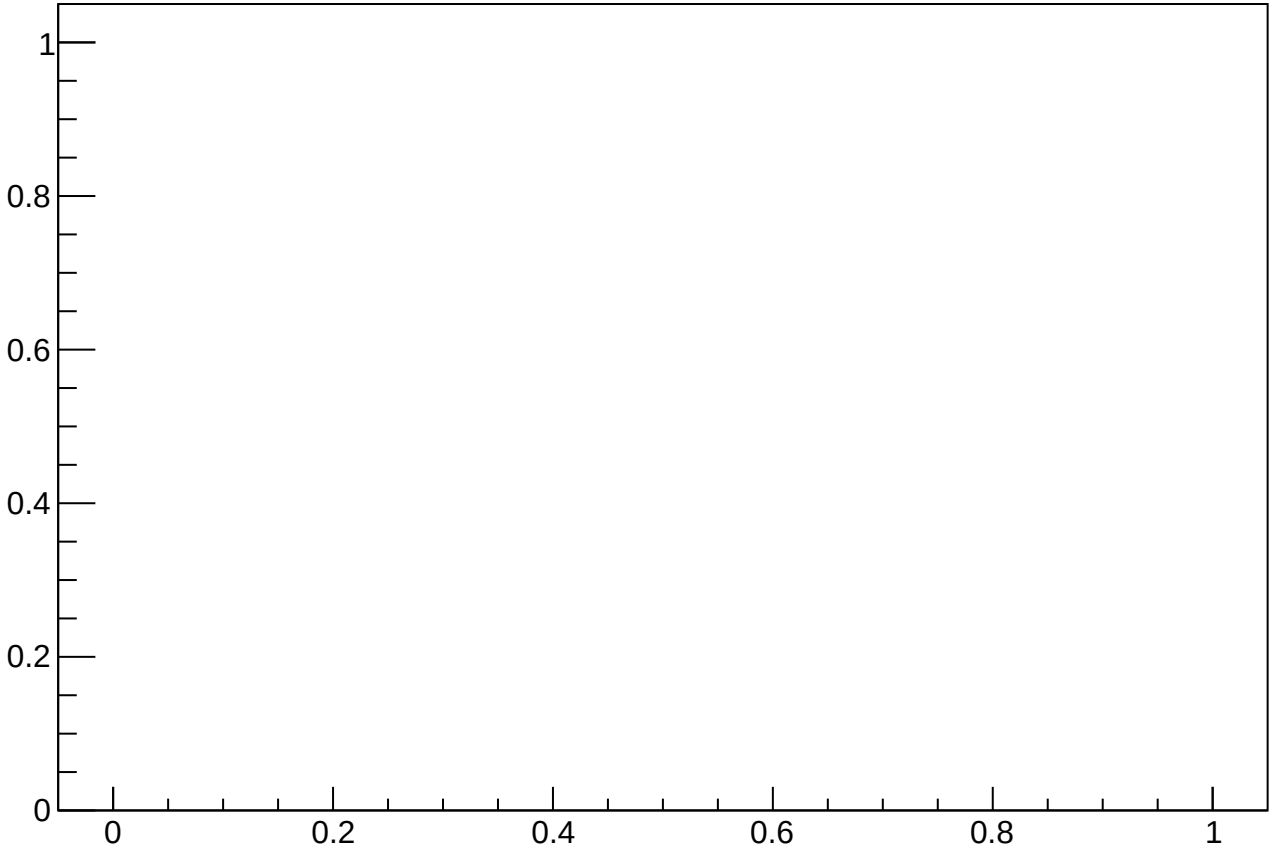
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

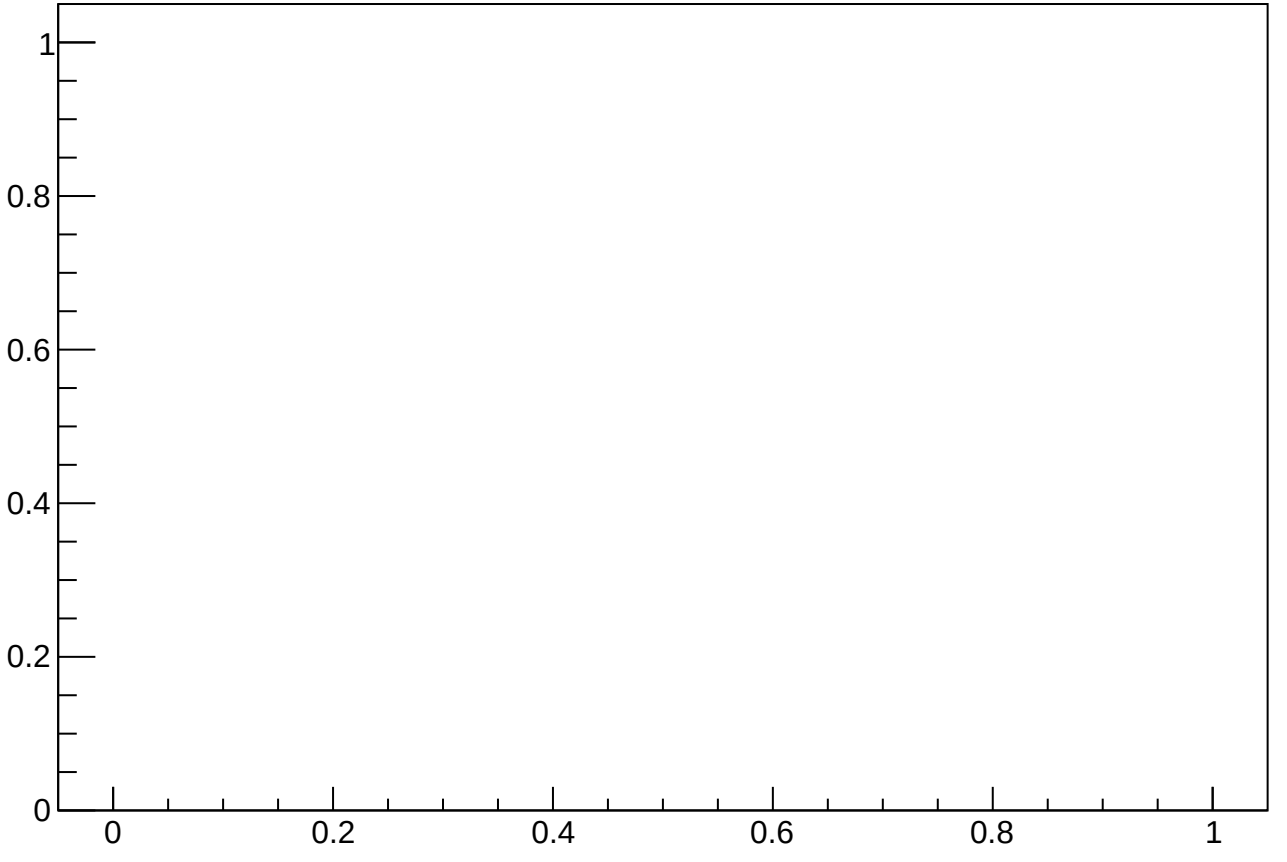
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

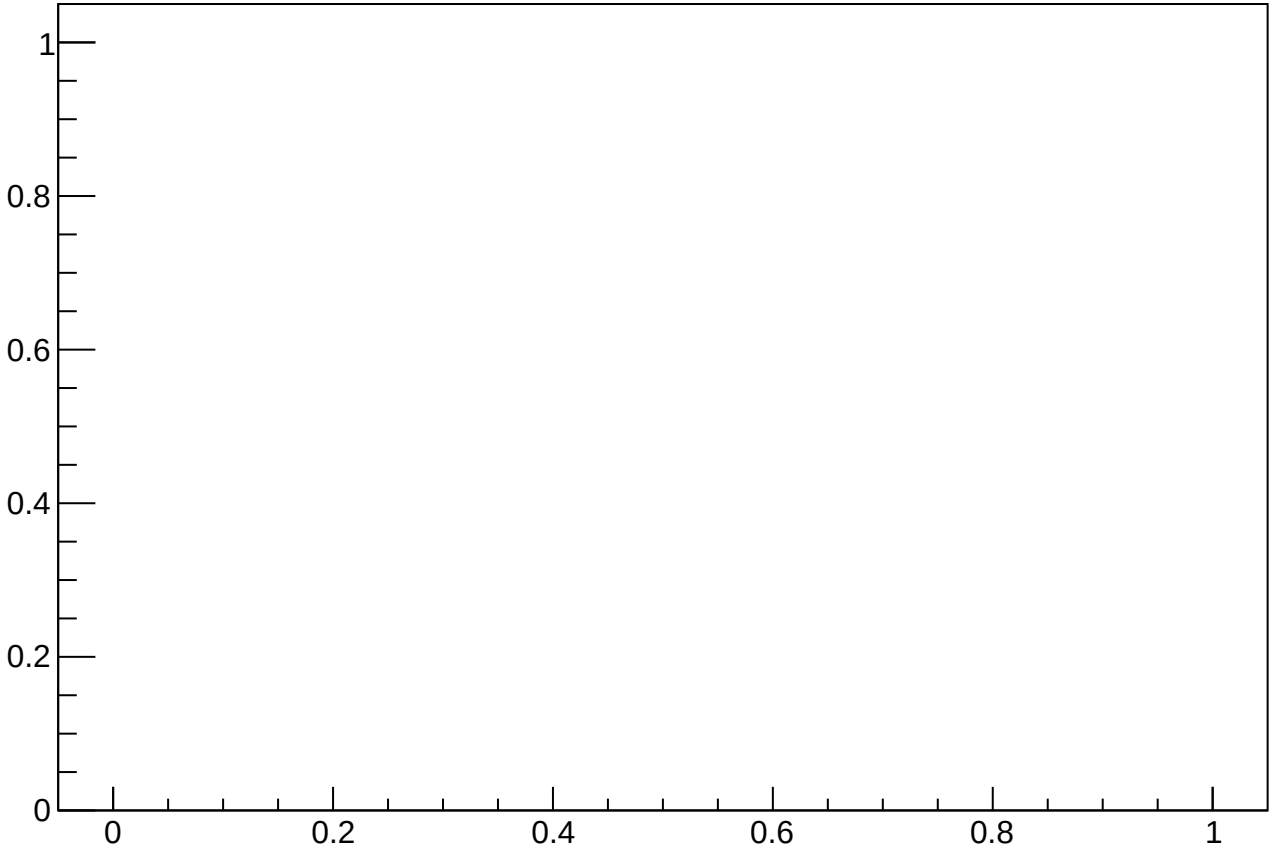
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

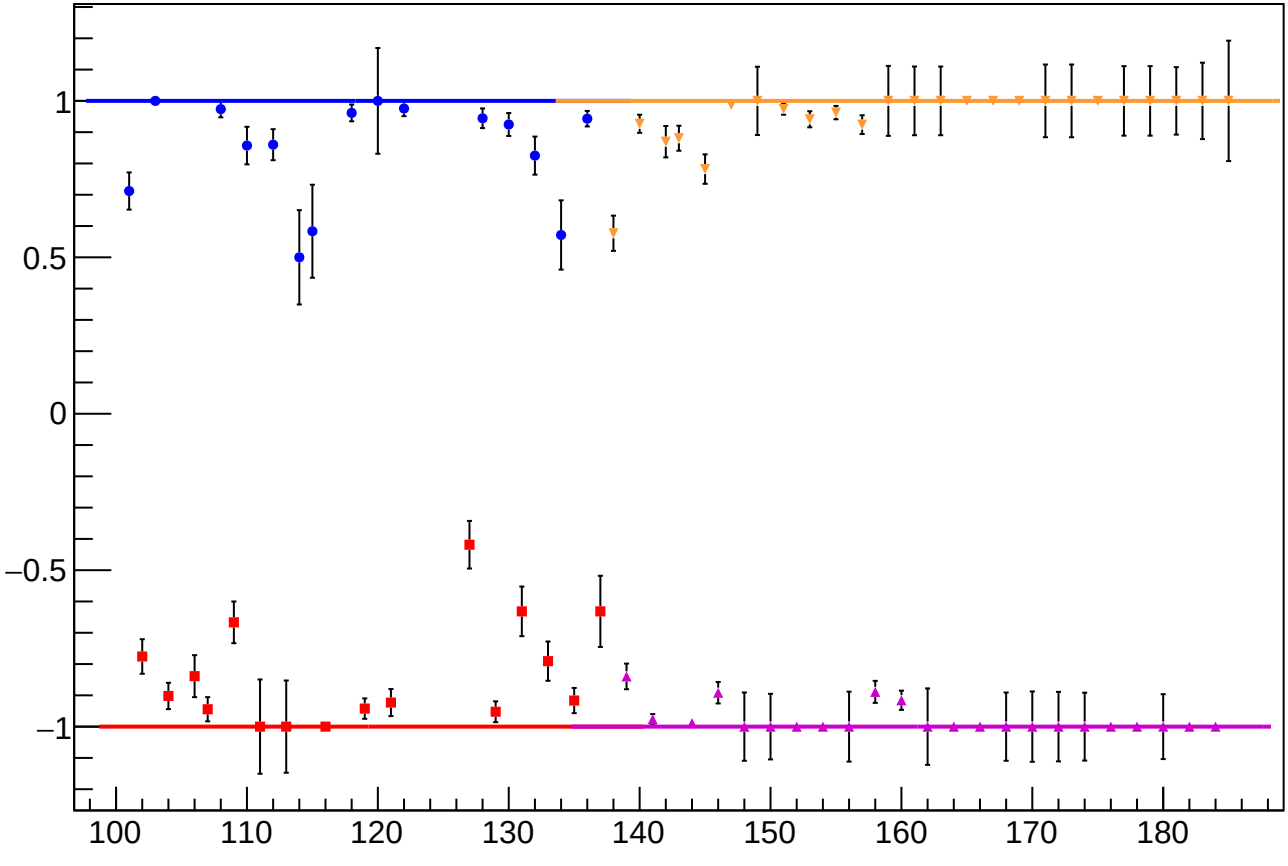
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

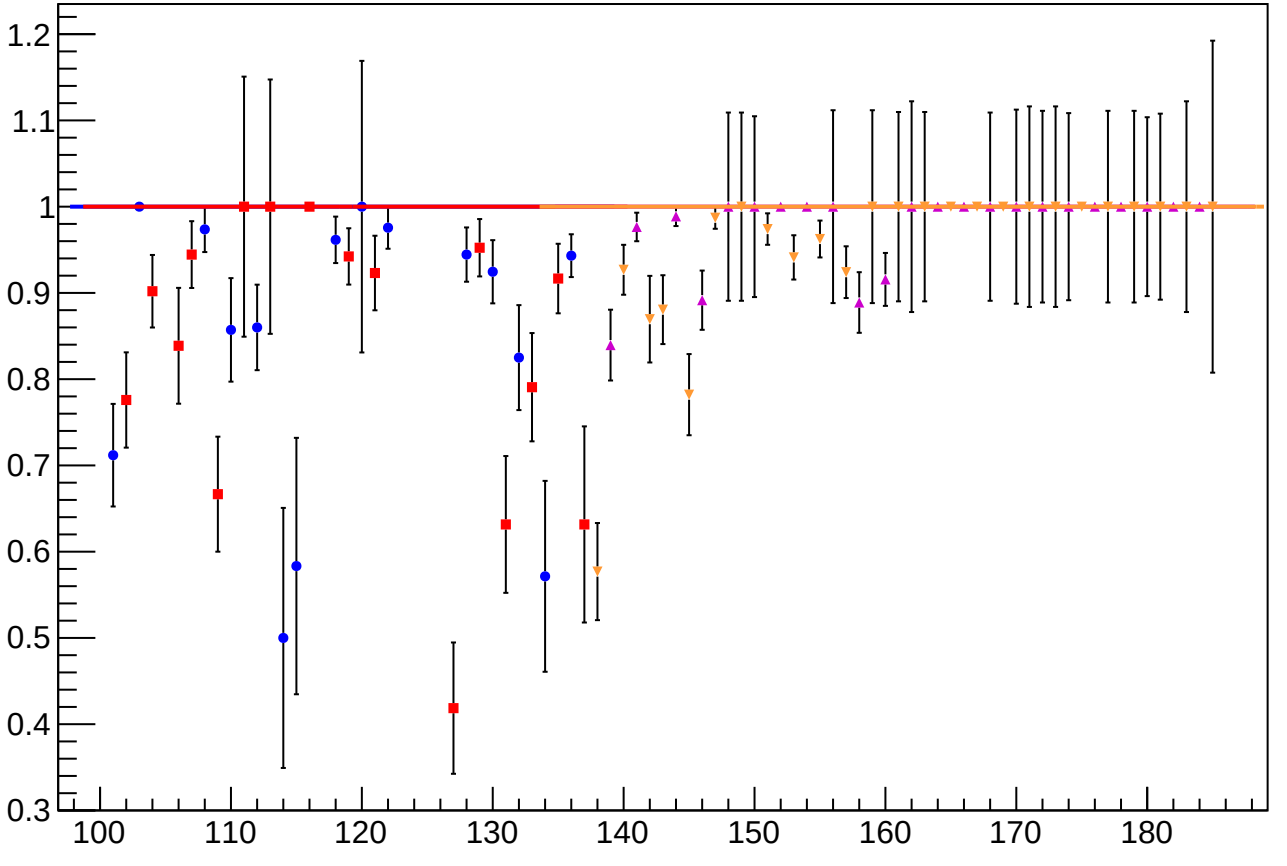
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/47

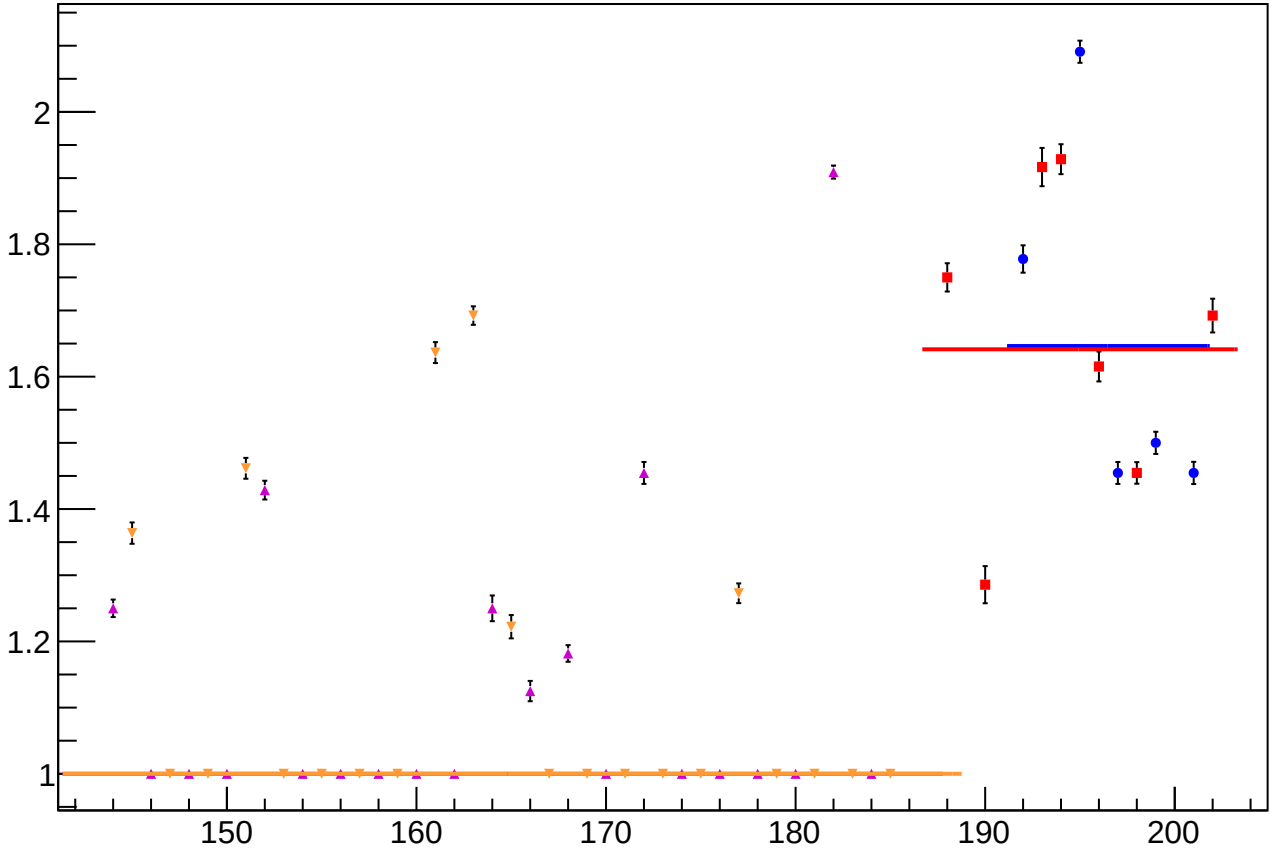
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/40

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.646+/-0.008 χ^2/NDF: 1088.1/4

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.641+/-0.008 χ^2/NDF: 575.0/6

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

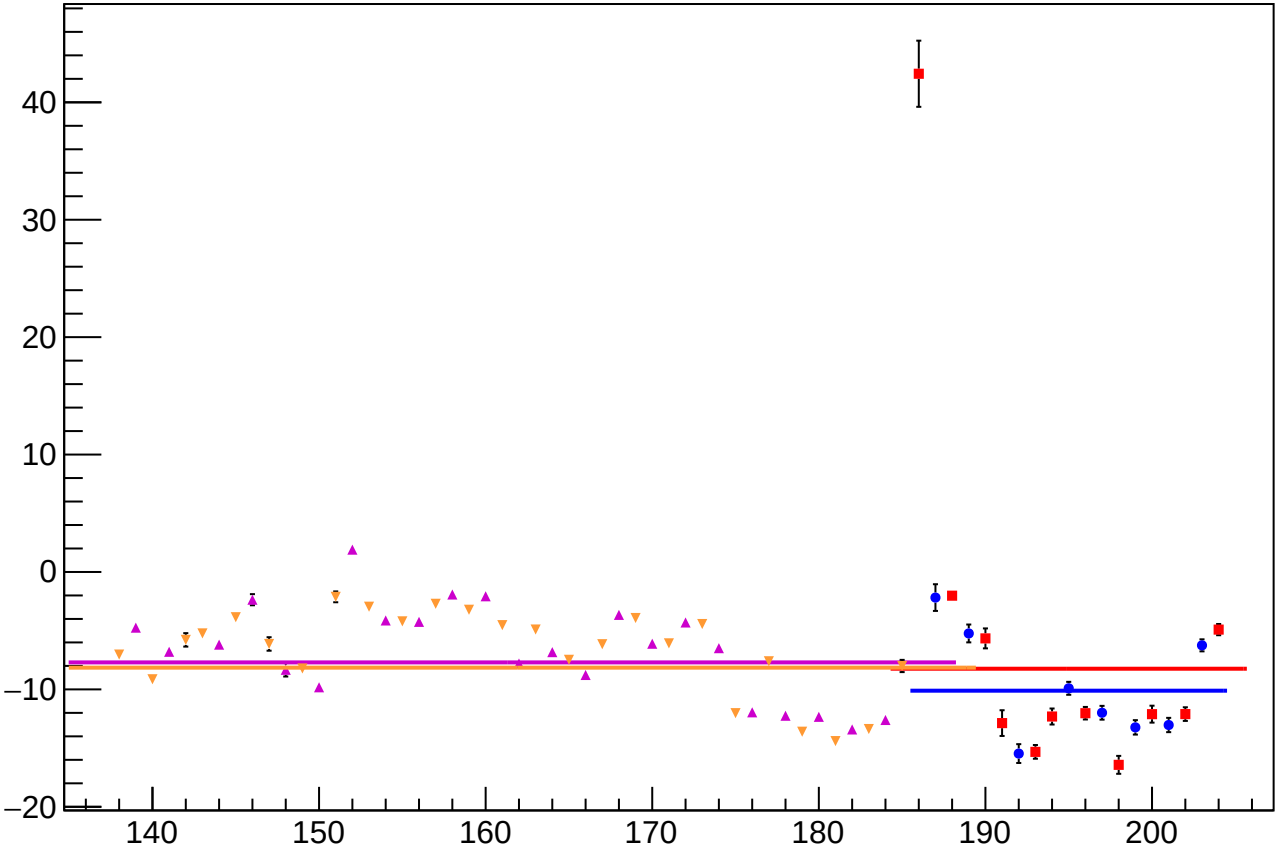
Right: 1.644+/-0.006 χ^2/NDF: 1663.3/11

In: 1.000+/-0.000 χ^2/NDF:20138.5/25

Out: 1.000+/-0.000 χ^2/NDF:24898.8/27

All: 1.000+/-0.000 χ^2/NDF: 33445.8/53

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.111+/-0.227 χ^2/NDF: 250.5/7

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -8.240+/-0.180 χ^2/NDF: 1162.9/10

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

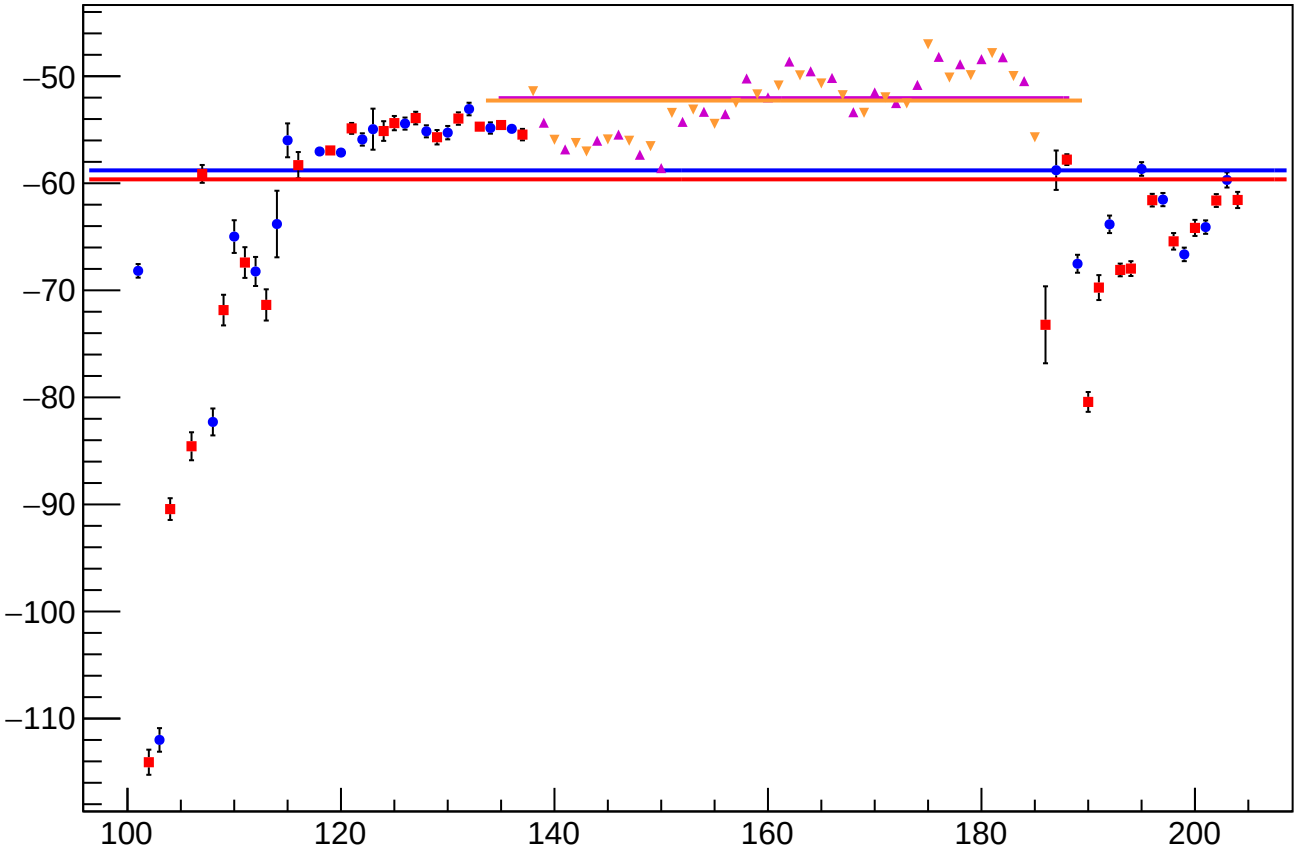
Right: -8.964+/-0.141 χ^2/NDF: 1455.1/18

In: -7.902+/-0.066 χ^2/NDF:4091.1/30

Out: -8.160+/-0.063 χ^2/NDF:4776.2/35

All: -8.036+/-0.046 χ^2/NDF: 8875.4/66

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.795+/-0.124 χ^2/NDF: 3923.9/24

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.635+/-0.119 χ^2/NDF: 5614.7/28

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

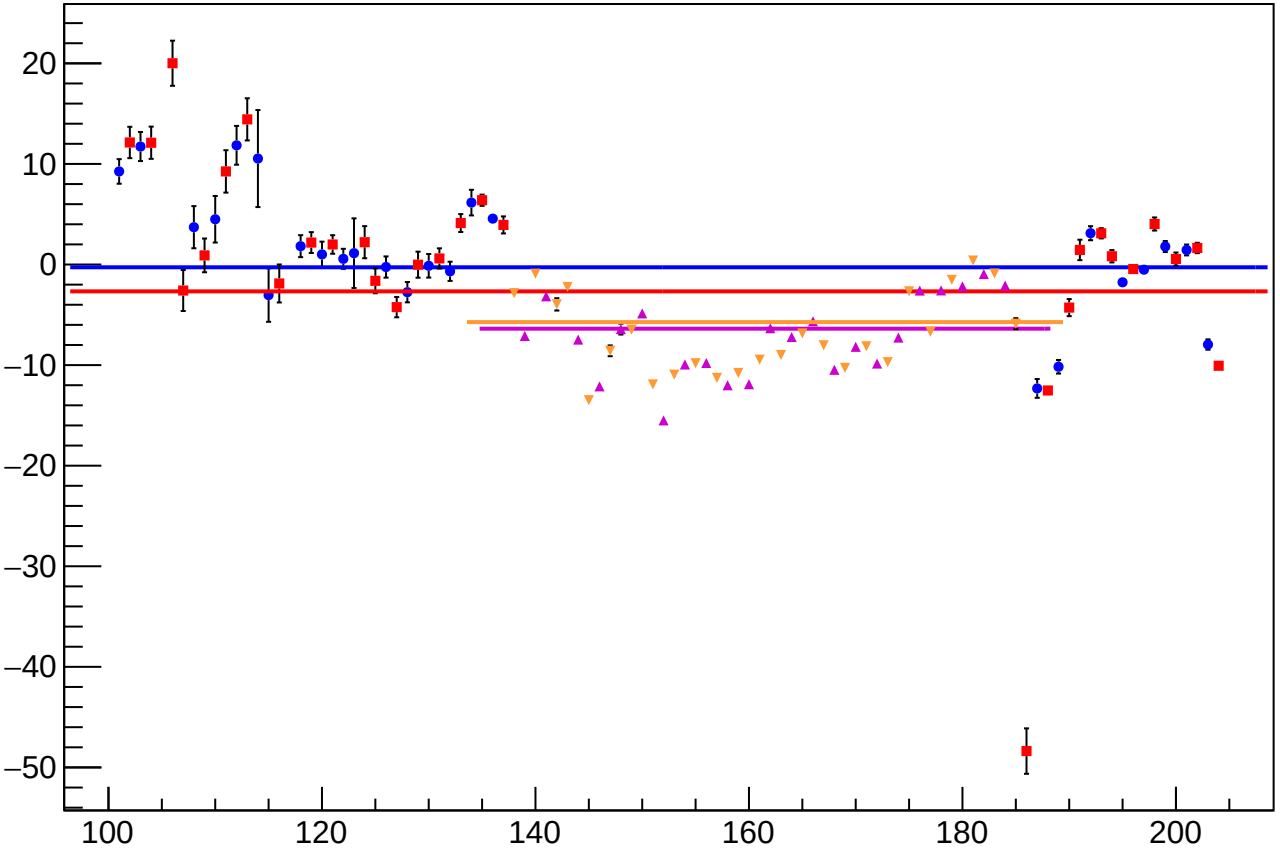
Right: -59.231+/-0.086 χ^2/NDF: 9562.5/53

In: -53.230+/-0.052 χ^2/NDF:9571.5/47

Out: -53.573+/-0.050 χ^2/NDF:11370.1/53

All: -53.407+/-0.036 χ^2/NDF: 20964.3/101

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.275+/-0.159 χ^2/NDF: 1022.9/24

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.670+/-0.136 χ^2/NDF: 3181.2/28

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

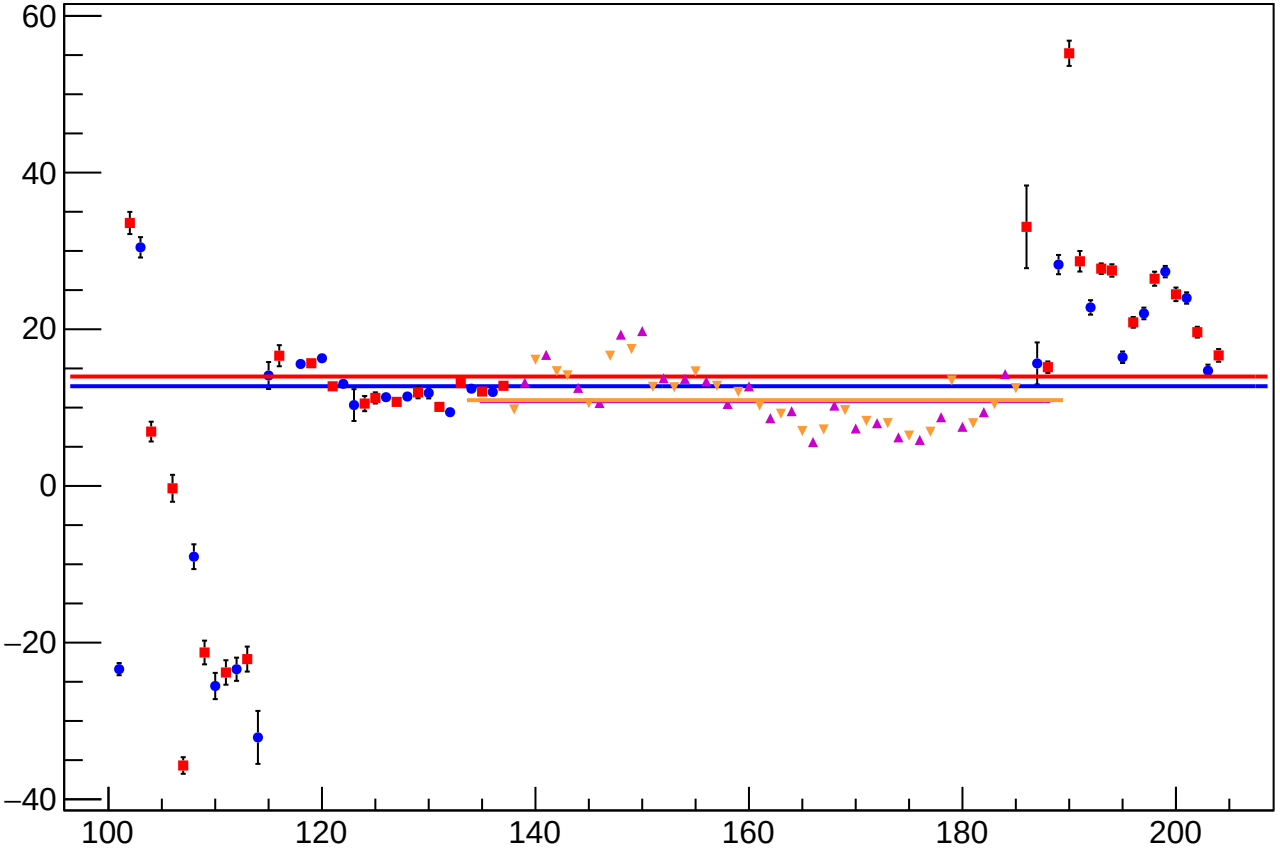
Right: -1.657+/-0.103 χ^2/NDF: 4334.7/53

In: -5.430+/-0.063 χ^2/NDF:5661.0/47

Out: -5.120+/-0.061 χ^2/NDF:7573.4/53

All: -5.269+/-0.044 χ^2/NDF: 13247.1/101

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.729+/-0.139 χ^2/NDF: 5064.7/24

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 13.967+/-0.136 χ^2/NDF: 6319.0/28

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

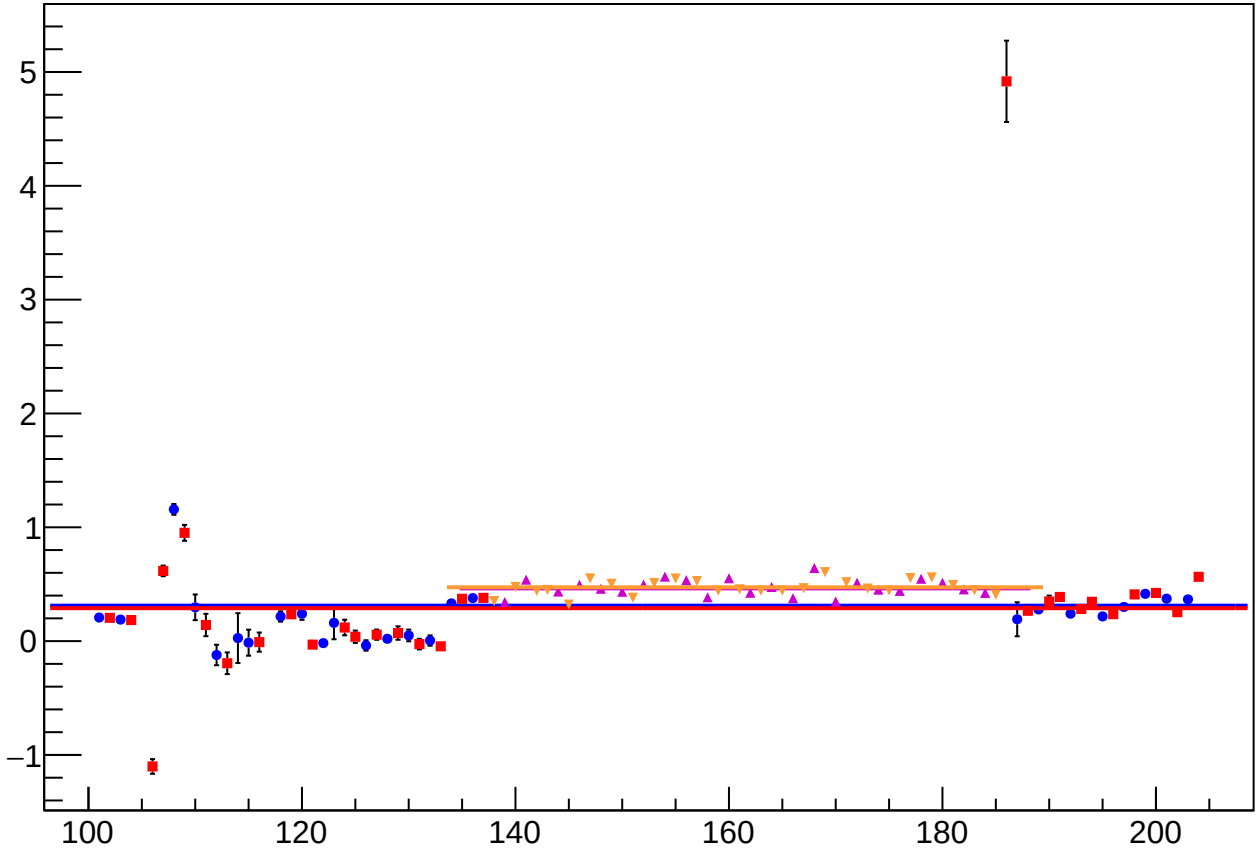
Right: 13.362+/-0.097 χ^2/NDF: 11424.3/53

In: 11.144+/-0.057 χ^2/NDF:8799.4/47

Out: 11.463+/-0.056 χ^2/NDF:9348.0/53

All: 11.307+/-0.040 χ^2/NDF: 18163.2/101

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.311+/-0.006 χ^2/NDF: 711.5/24

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.289+/-0.006 χ^2/NDF: 1279.0/28

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

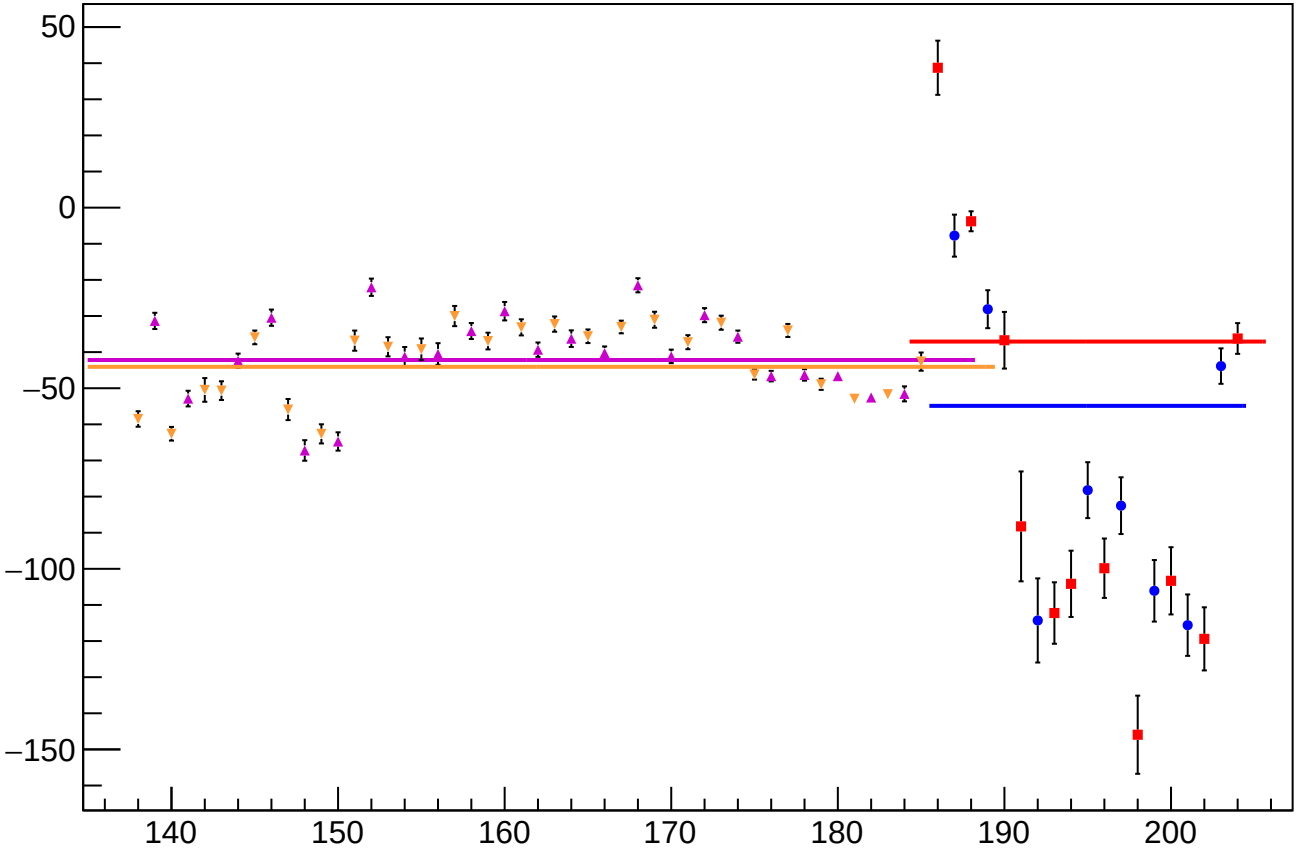
Right: 0.300+/-0.004 χ^2/NDF: 1997.4/53

In: 0.438+/-0.003 χ^2/NDF:1970.4/47

Out: 0.440+/-0.003 χ^2/NDF:2585.9/53

All: 0.439+/-0.002 χ^2/NDF: 4556.6/101

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.879+/-2.389 χ^2/NDF: 231.3/7

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -37.078+/-1.832 χ^2/NDF: 688.9/10

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

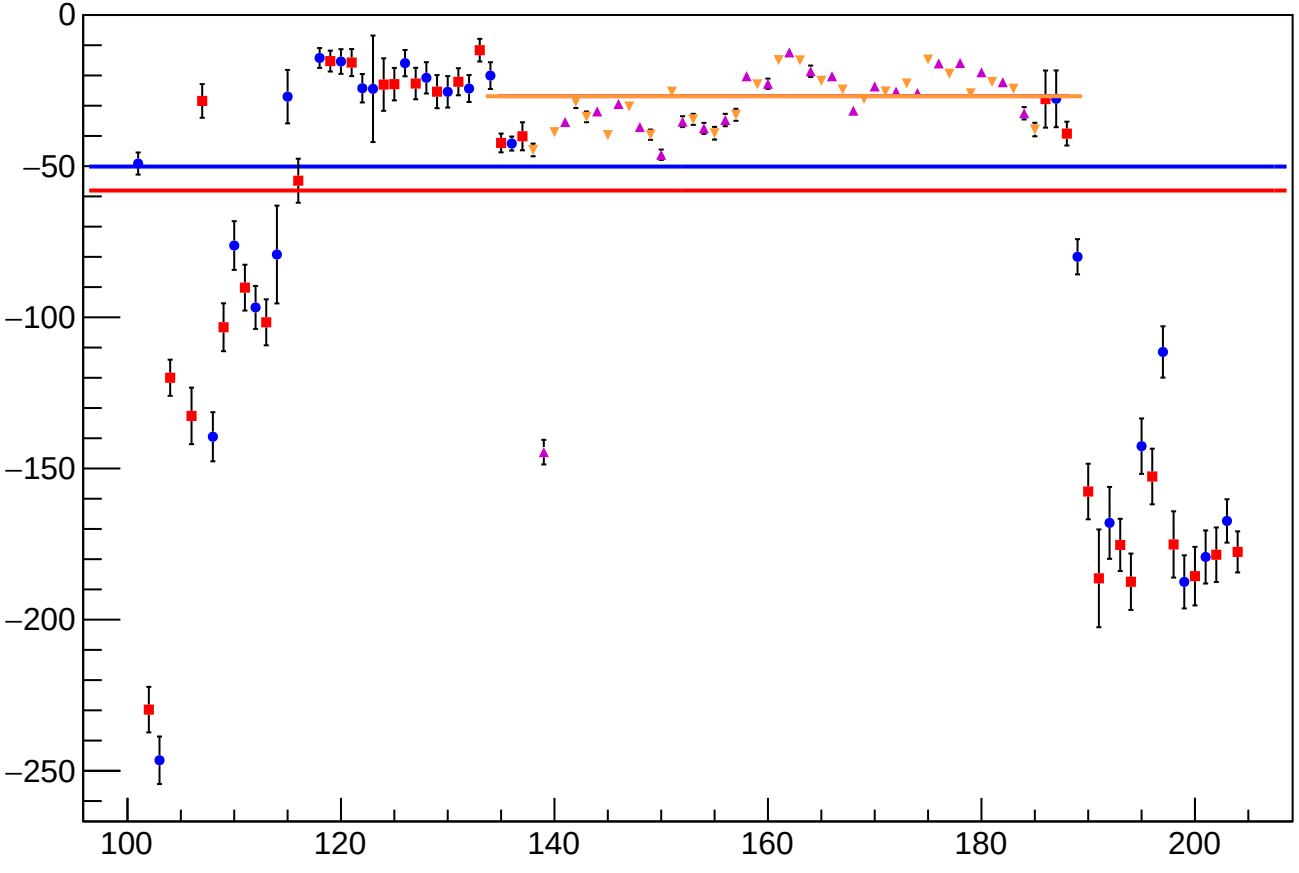
Right: -43.669+/-1.454 χ^2/NDF: 955.2/18

In: -42.527+/-0.392 χ^2/NDF:909.8/30

Out: -43.772+/-0.381 χ^2/NDF:1335.7/35

All: -43.168+/-0.273 χ^2/NDF: 2250.7/66

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -50.127+/-1.058 χ^2/NDF: 2252.7/24

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -58.056+/-1.077 χ^2/NDF: 2913.3/28

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

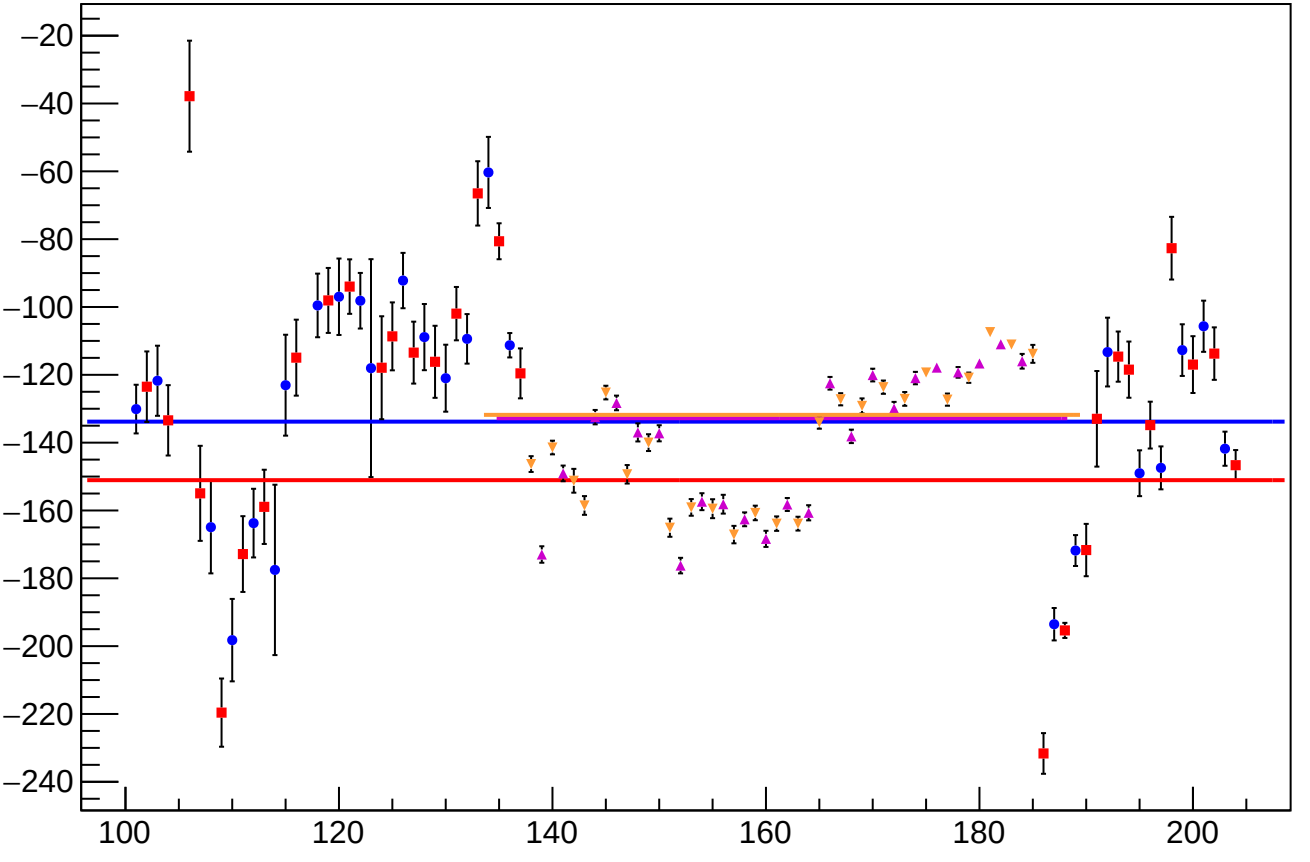
Right: -54.023+/-0.755 χ^2/NDF: 5193.6/53

In: -28.838+/-0.311 χ^2/NDF:4177.1/47

Out: -29.353+/-0.304 χ^2/NDF:4314.1/53

All: -29.101+/-0.217 χ^2/NDF: 8492.7/101

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.804+/-1.481 χ^2/NDF: 487.9/24

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -151.061+/-1.289 χ^2/NDF: 1288.9/28

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

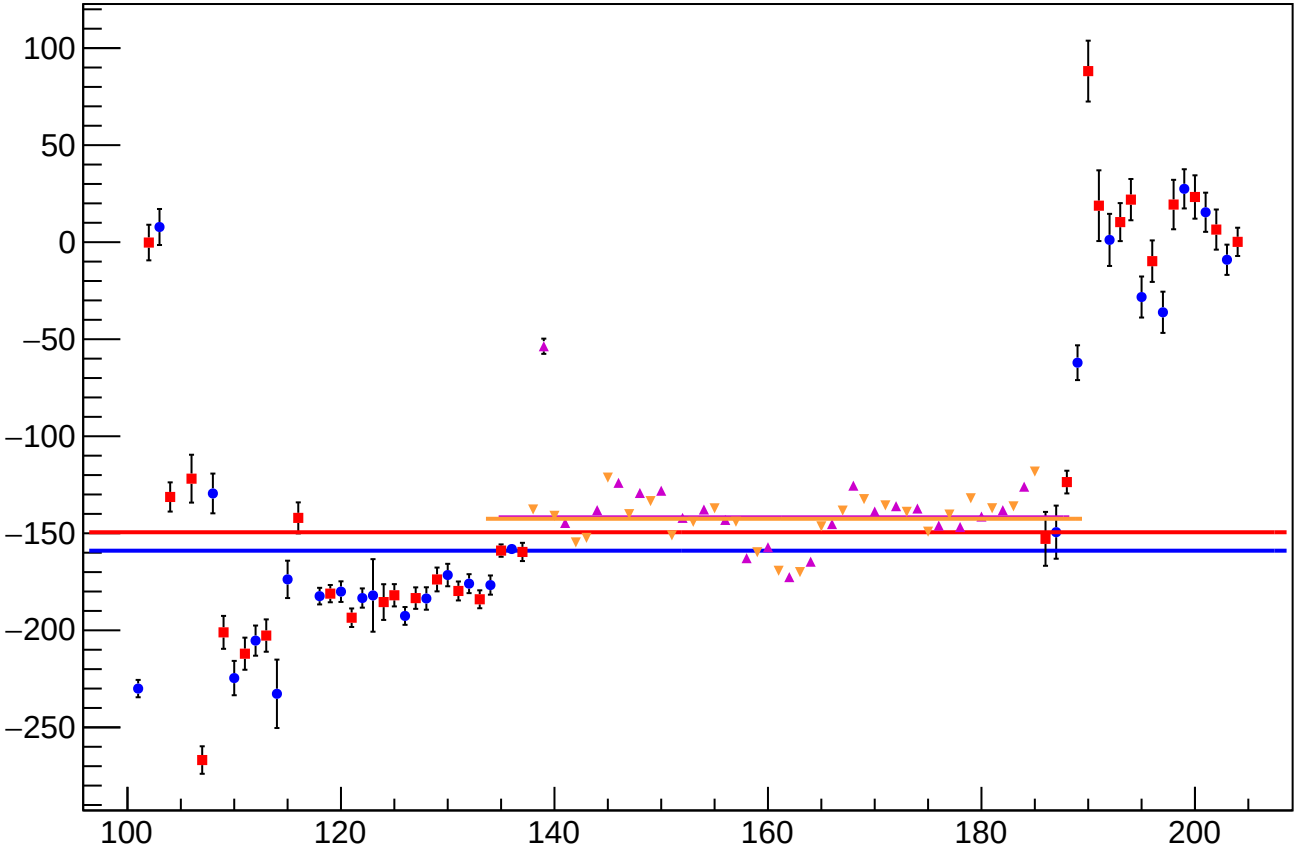
Right: -143.626+/-0.972 χ^2/NDF: 1854.1/53

In: -132.866+/-0.384 χ^2/NDF:3004.2/47

Out: -133.436+/-0.375 χ^2/NDF:3910.3/53

All: -133.158+/-0.268 χ^2/NDF: 6915.6/101

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -158.964+/-1.196 χ^2/NDF: 2422.9/24

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -149.463+/-1.236 χ^2/NDF: 3124.6/28

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

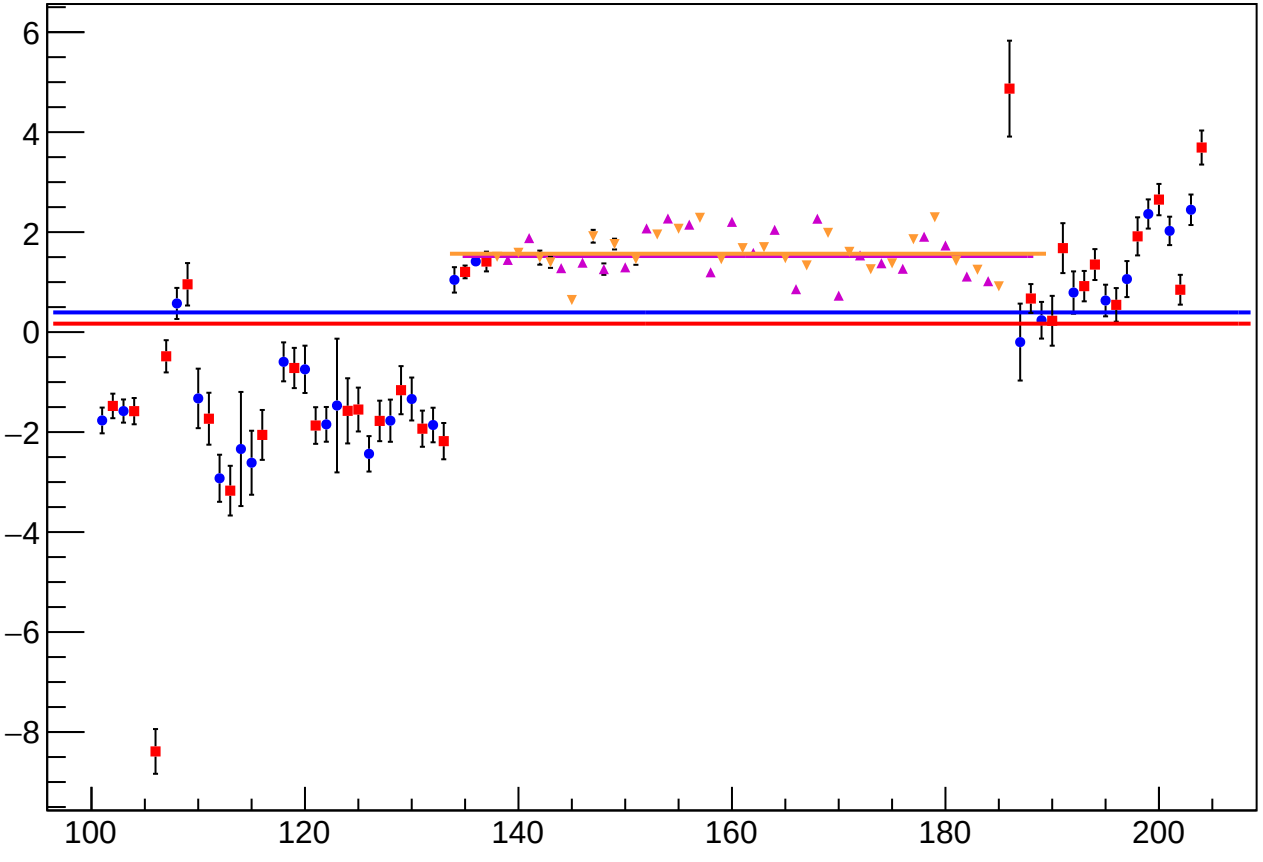
Right: -154.370+/-0.859 χ^2/NDF: 5578.0/53

In: -143.218+/-0.347 χ^2/NDF:4216.7/47

Out: -143.046+/-0.341 χ^2/NDF:4297.9/53

All: -143.130+/-0.243 χ^2/NDF: 8514.8/101

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.394+/-0.059 χ^2/NDF: 679.3/24

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: 0.169+/-0.059 χ^2/NDF: 1064.9/28

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

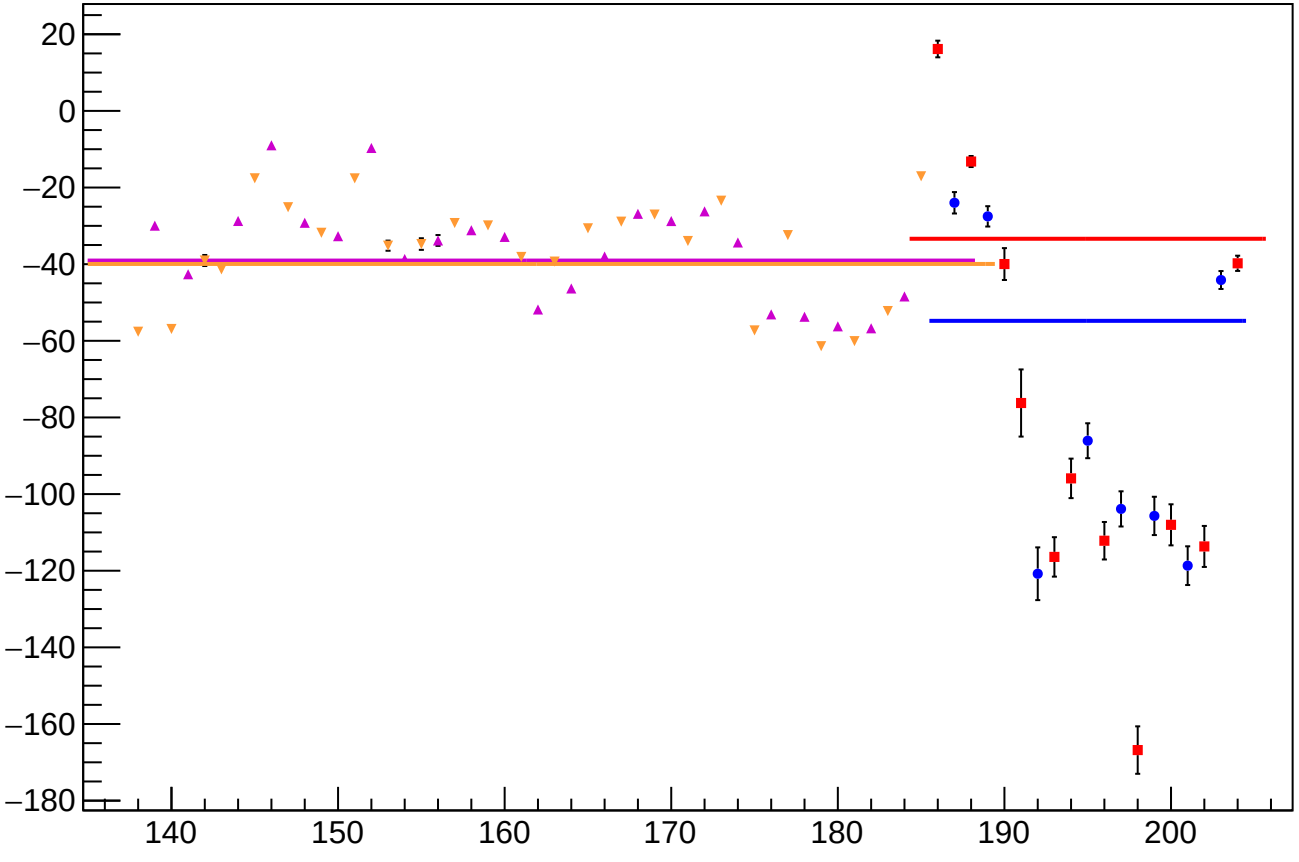
Right: 0.282+/-0.042 χ^2/NDF: 1751.5/53

In: 1.440+/-0.016 χ^2/NDF:1760.9/47

Out: 1.470+/-0.016 χ^2/NDF:2124.8/53

All: 1.455+/-0.011 χ^2/NDF: 3887.6/101

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.789+/-1.241 χ^2/NDF: 765.1/7

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -33.370+/-0.901 χ^2/NDF: 2303.0/10

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

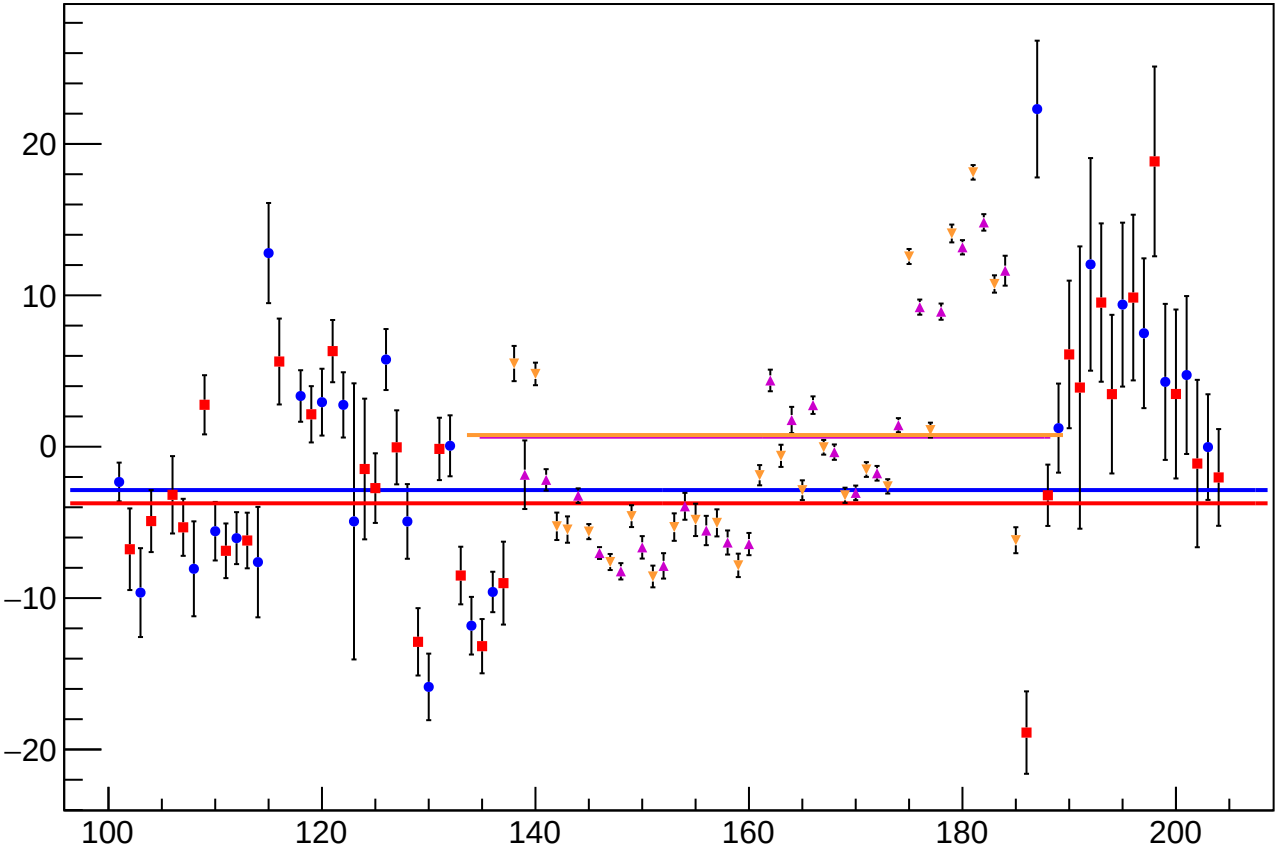
Right: -40.766+/-0.729 χ^2/NDF: 3263.0/18

In: -39.298+/-0.153 χ^2/NDF:9500.2/30

Out: -39.757+/-0.151 χ^2/NDF:12160.8/35

All: -39.530+/-0.107 χ^2/NDF: 21665.6/66

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.864+/-0.472 χ^2/NDF: 220.2/24

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.739+/-0.466 χ^2/NDF: 188.9/28

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

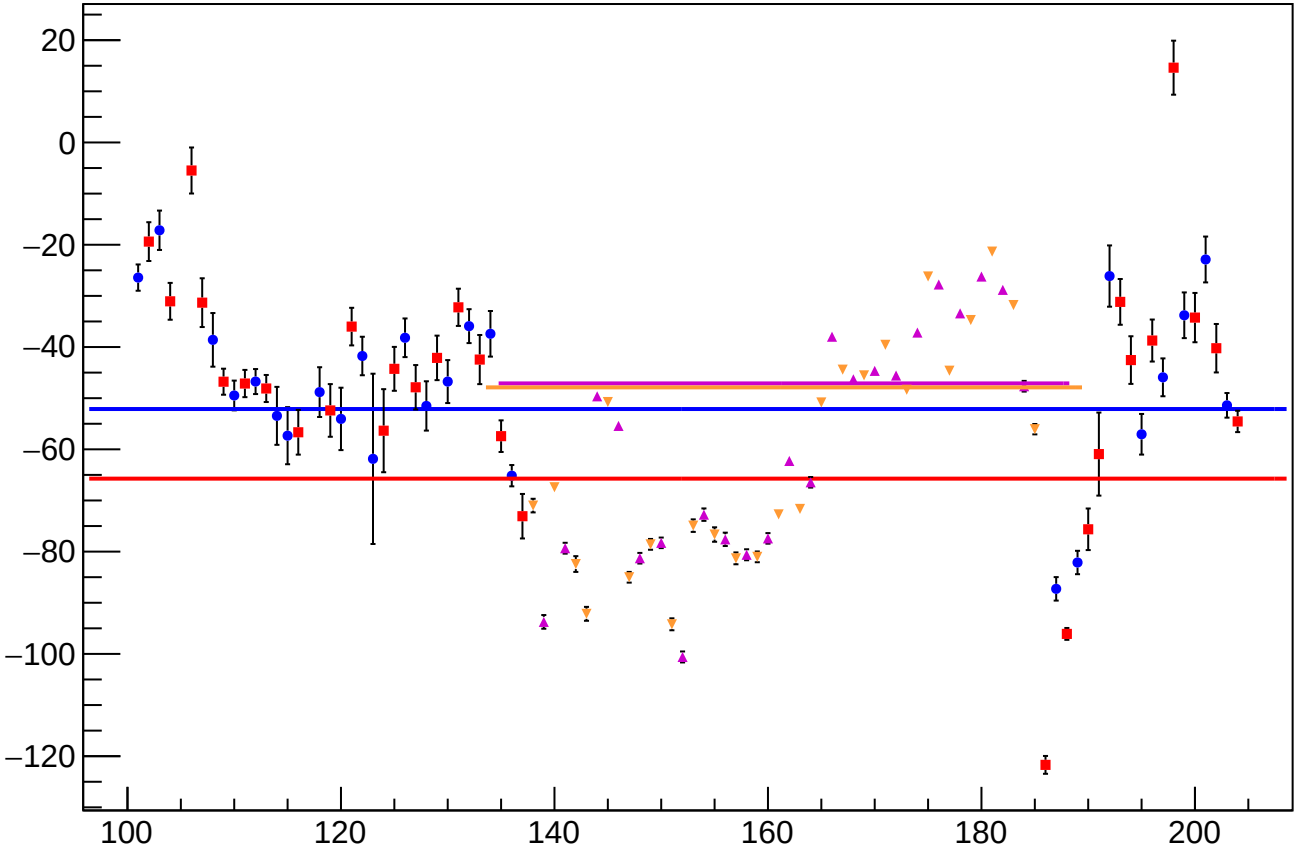
Right: -3.307+/-0.331 χ^2/NDF: 410.8/53

In: 0.434+/-0.120 χ^2/NDF:3613.4/47

Out: 0.470+/-0.120 χ^2/NDF:4229.4/53

All: 0.452+/-0.085 χ^2/NDF: 7842.8/101

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.119+/-0.689 χ^2/NDF: 782.7/24

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -65.731+/-0.582 χ^2/NDF: 3069.4/28

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

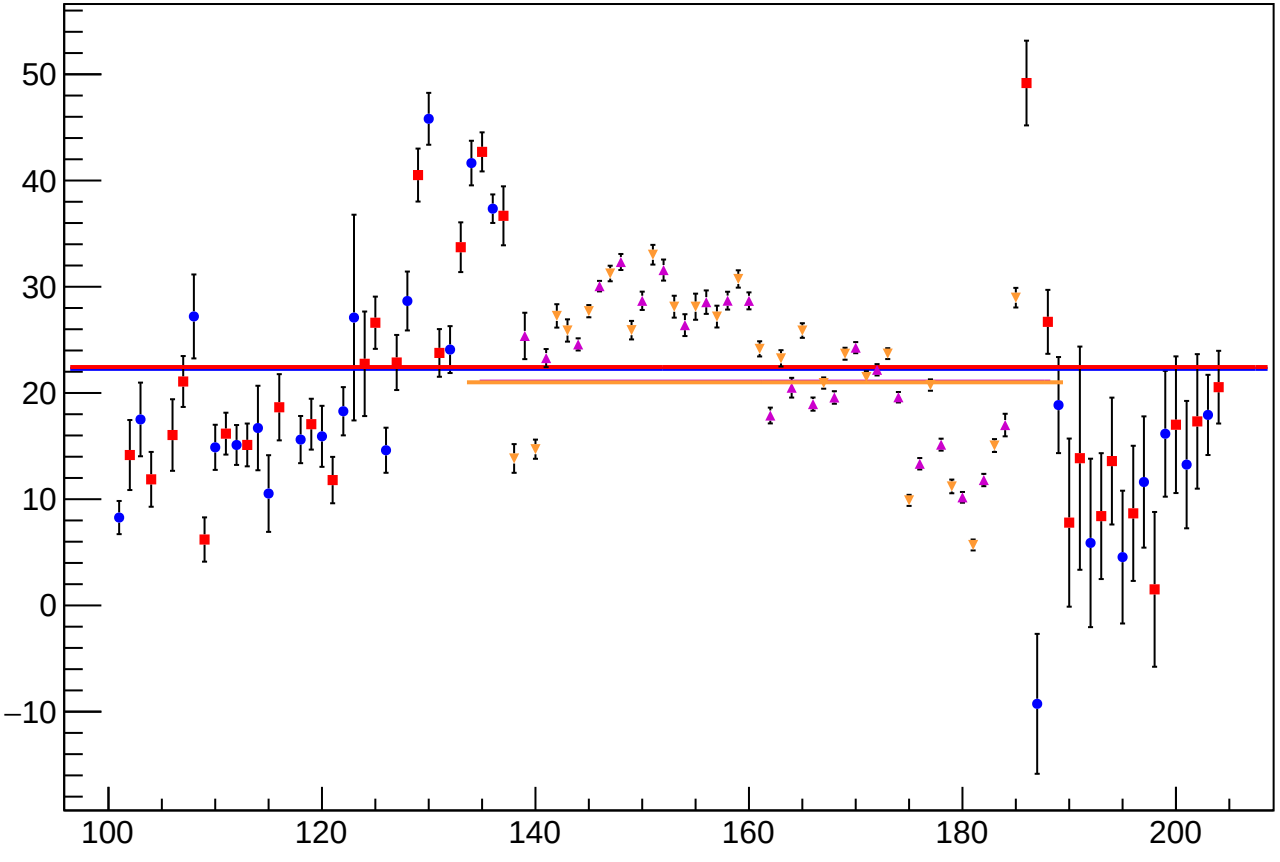
Right: -60.061+/-0.445 χ^2/NDF: 4079.8/53

In: -47.353+/-0.151 χ^2/NDF:16487.8/47

Out: -49.066+/-0.150 χ^2/NDF:20653.8/53

All: -48.217+/-0.106 χ^2/NDF: 37206.5/101

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.271+/-0.534 χ^2/NDF: 506.7/24

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.443+/-0.536 χ^2/NDF: 441.4/28

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

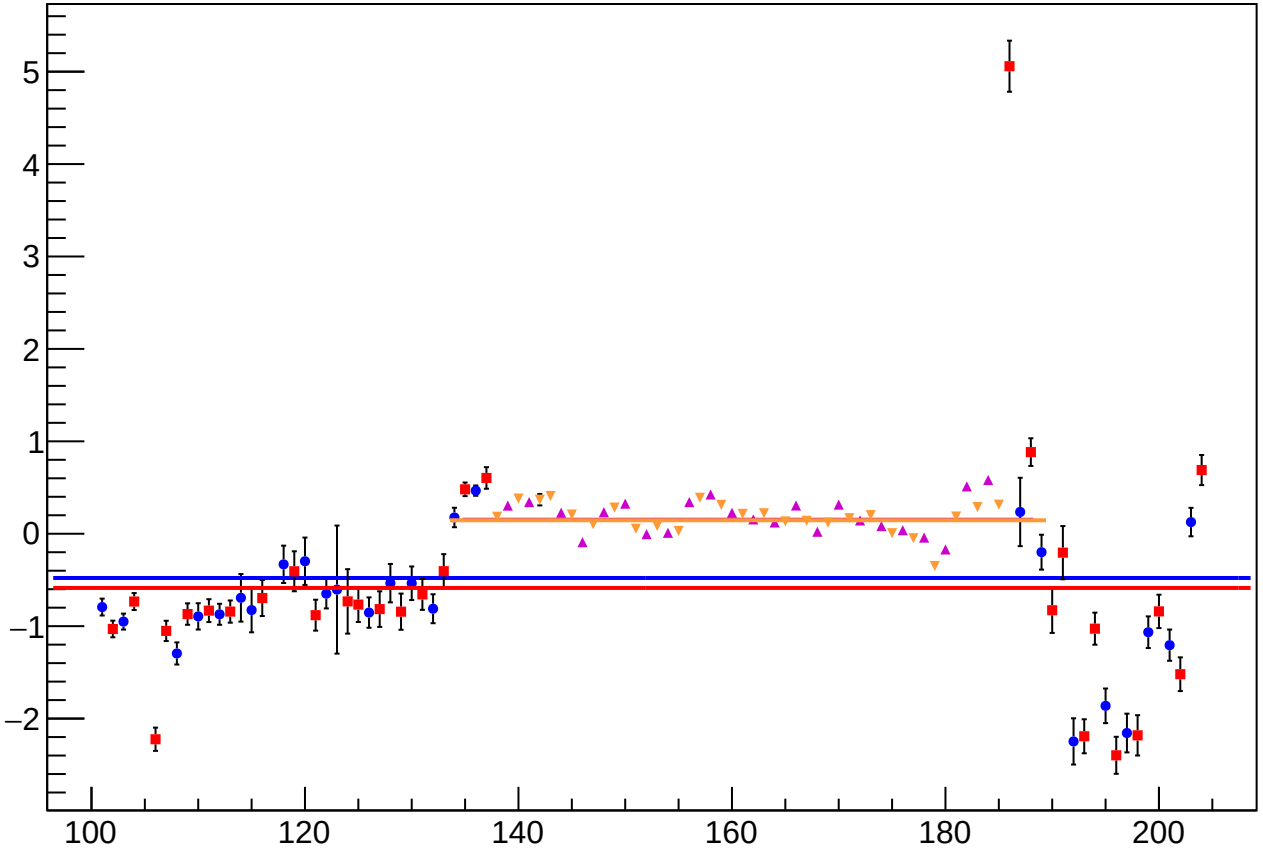
Right: 22.357+/-0.378 χ^2/NDF: 948.1/53

In: 21.145+/-0.135 χ^2/NDF:2688.2/47

Out: 21.095+/-0.134 χ^2/NDF:3237.7/53

All: 21.120+/-0.095 χ^2/NDF: 5925.9/101

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.479+/-0.028 χ^2/NDF: 669.0/24

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.586+/-0.027 χ^2/NDF: 1375.5/28

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

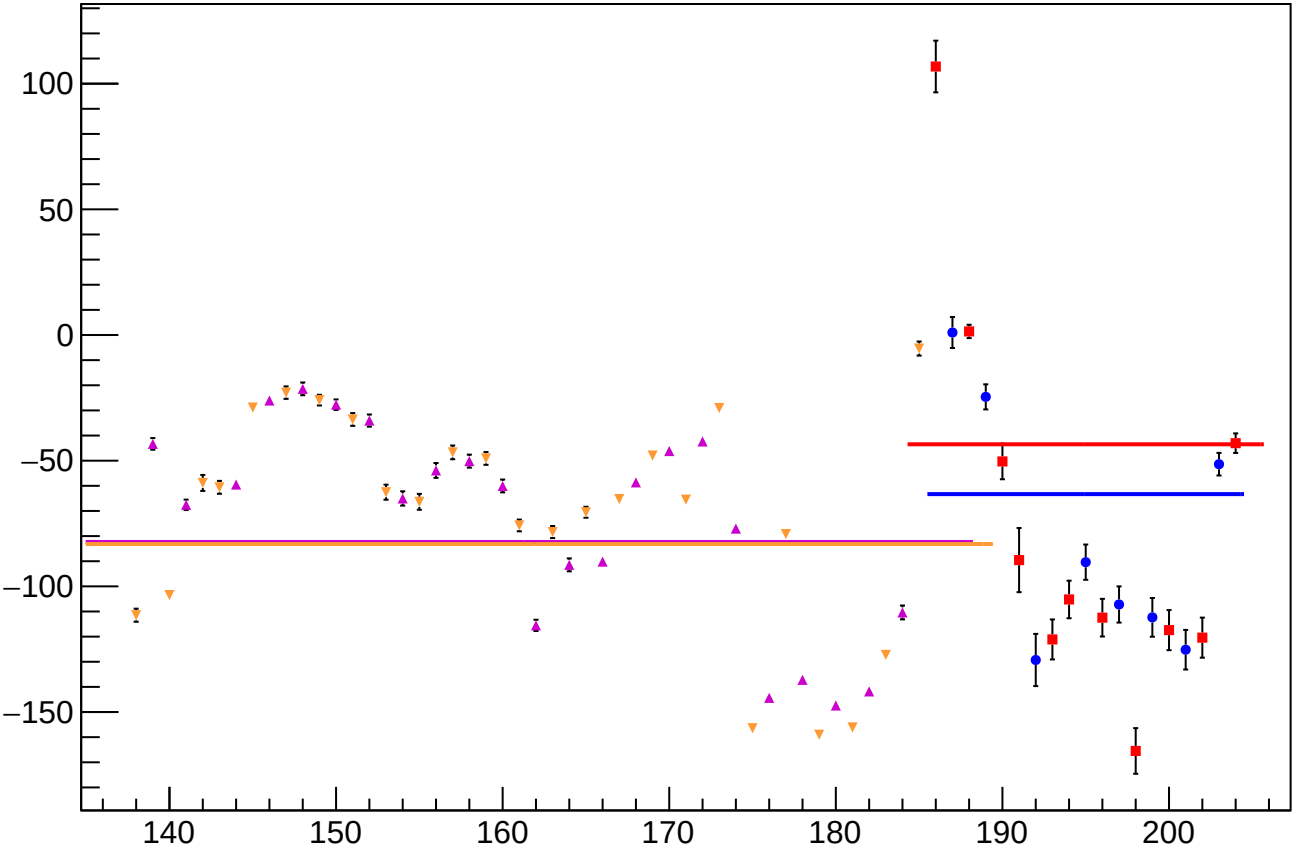
Right: -0.534+/-0.019 χ^2/NDF: 2052.4/53

In: 0.119+/-0.006 χ^2/NDF:2040.1/47

Out: 0.107+/-0.006 χ^2/NDF:2690.0/53

All: 0.113+/-0.004 χ^2/NDF: 4732.0/101

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -63.301+/-2.249 χ^2/NDF: 370.5/7

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -43.474+/-1.718 χ^2/NDF: 1121.7/10

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

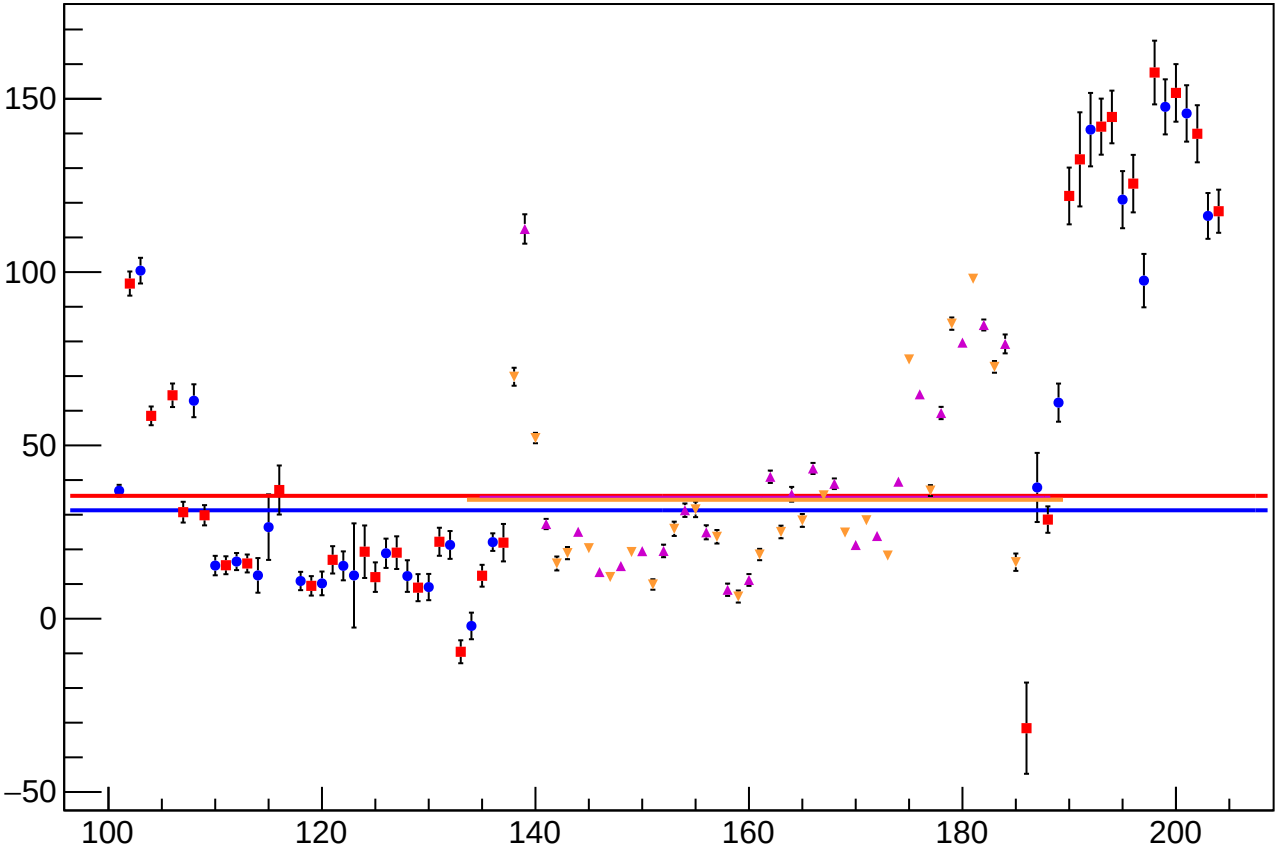
Right: -50.780+/-1.365 χ^2/NDF: 1541.3/18

In: -81.721+/-0.406 χ^2/NDF:11394.8/30

Out: -81.054+/-0.396 χ^2/NDF:15421.2/35

All: -81.379+/-0.284 χ^2/NDF: 26817.4/66

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 31.277+/-0.768 χ^2/NDF: 1665.2/24

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 35.447+/-0.761 χ^2/NDF: 2431.3/28

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

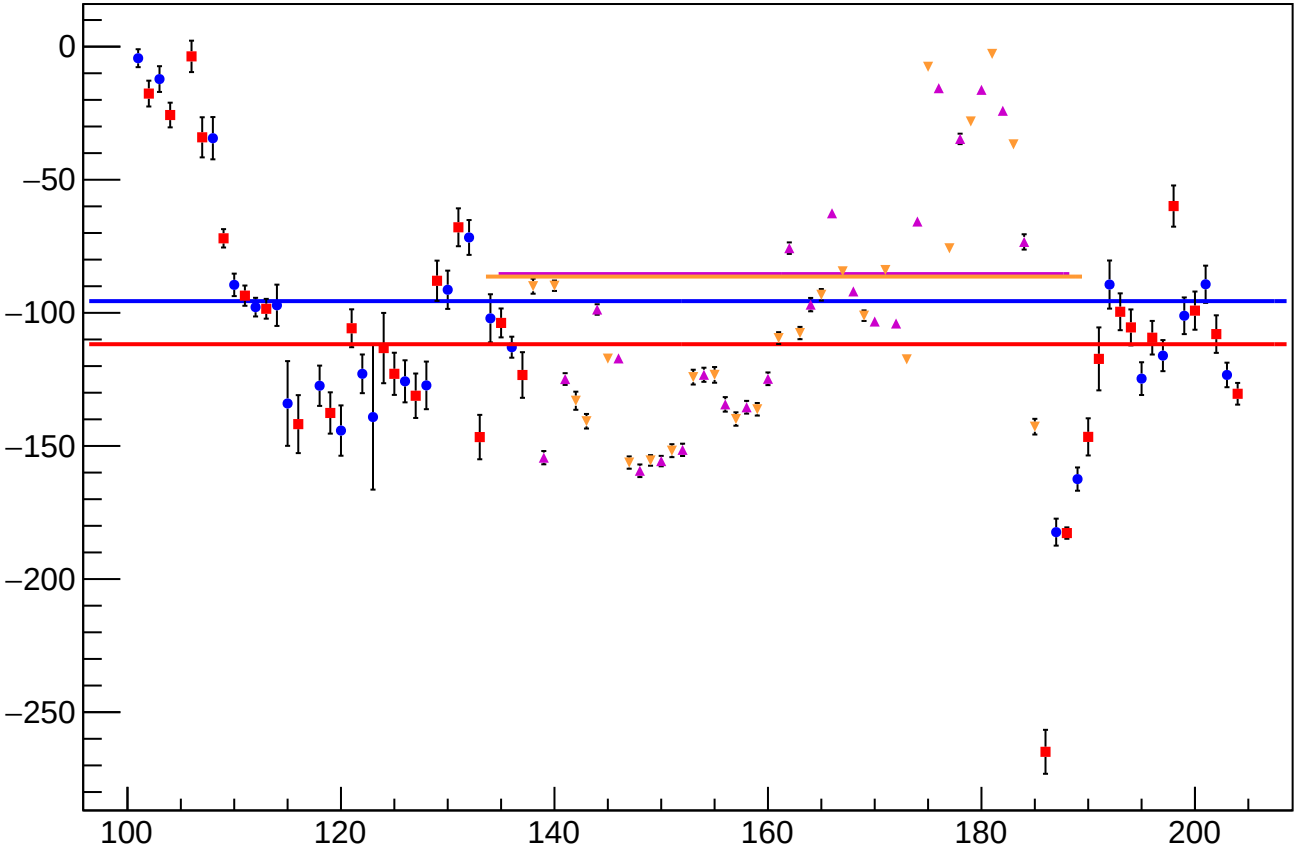
Right: 33.379+/-0.541 χ^2/NDF: 4111.4/53

In: 34.334+/-0.302 χ^2/NDF:6438.6/47

Out: 34.478+/-0.296 χ^2/NDF:8596.9/53

All: 34.408+/-0.211 χ^2/NDF: 15035.6/101

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.595+/-1.155 χ^2/NDF: 1820.4/24

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -111.778+/-1.008 χ^2/NDF: 2965.3/28

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

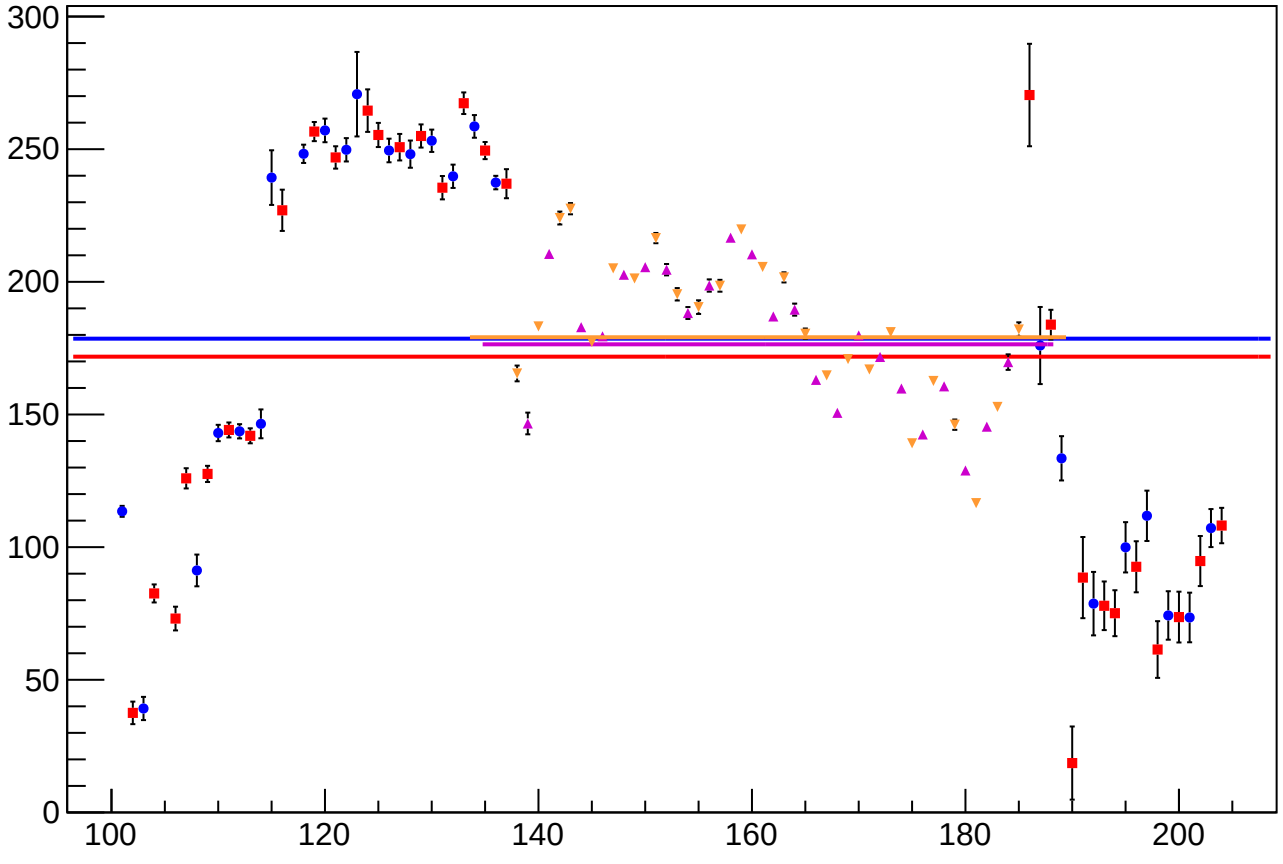
Right: -104.786+/-0.759 χ^2/NDF: 4897.1/53

In: -86.592+/-0.389 χ^2/NDF:14887.7/47

Out: -89.970+/-0.379 χ^2/NDF:17945.8/53

All: -88.325+/-0.271 χ^2/NDF: 32872.2/101

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 178.581+/-0.881 χ^2/NDF: 6013.0/24

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 171.796+/-0.877 χ^2/NDF: 7071.2/28

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

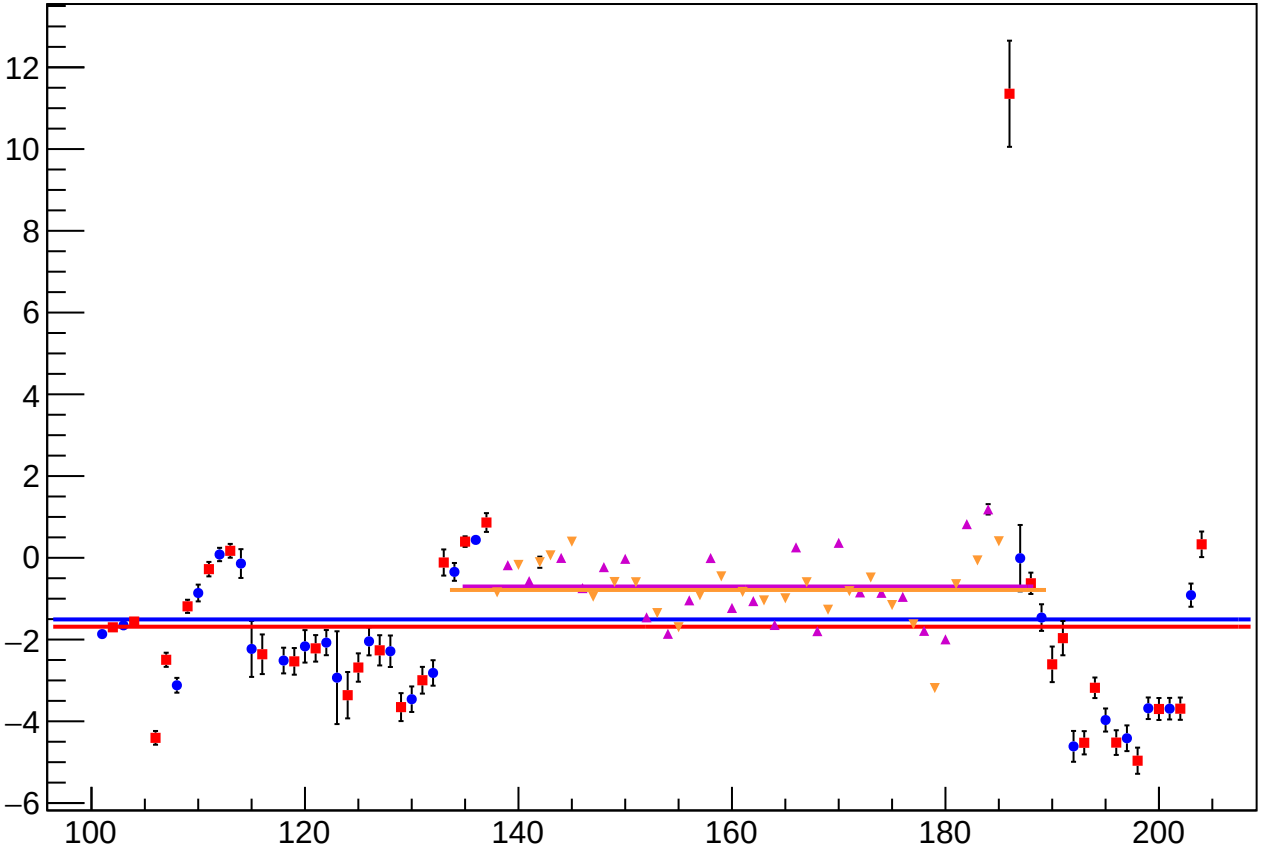
Right: 175.175+/-0.622 χ^2/NDF: 13114.0/53

In: 176.768+/-0.341 χ^2/NDF:10460.1/47

Out: 178.042+/-0.335 χ^2/NDF:13008.0/53

All: 177.416+/-0.239 χ^2/NDF: 23475.2/101

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.507+/-0.044 χ^2/NDF: 1038.1/24

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.686+/-0.041 χ^2/NDF: 1566.3/28

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

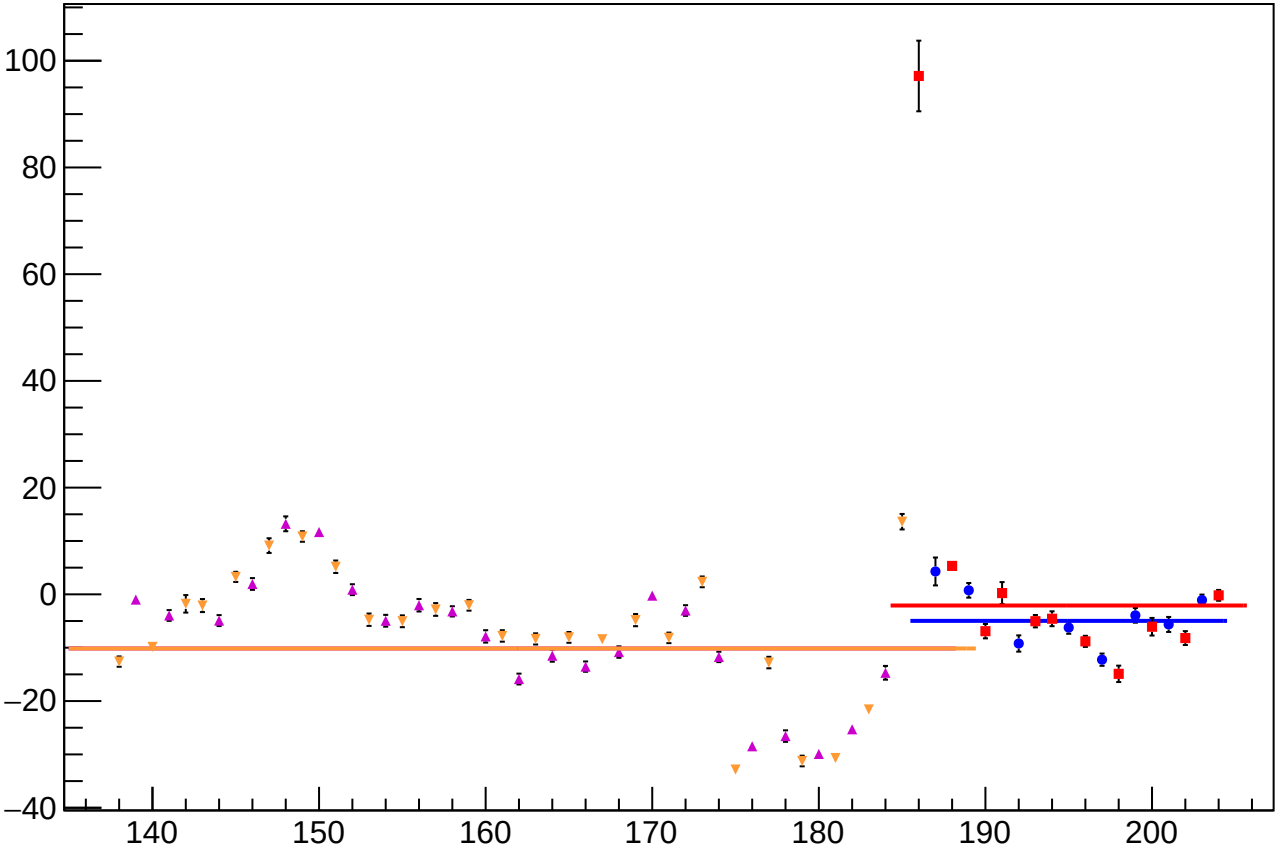
Right: -1.602+/-0.030 χ^2/NDF: 2613.1/53

In: -0.804+/-0.016 χ^2/NDF:3750.4/47

Out: -0.912+/-0.015 χ^2/NDF:3733.4/53

All: -0.859+/-0.011 χ^2/NDF: 7507.5/101

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.973+/-0.467 χ^2/NDF: 94.2/7

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -2.093+/-0.359 χ^2/NDF: 525.2/10

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

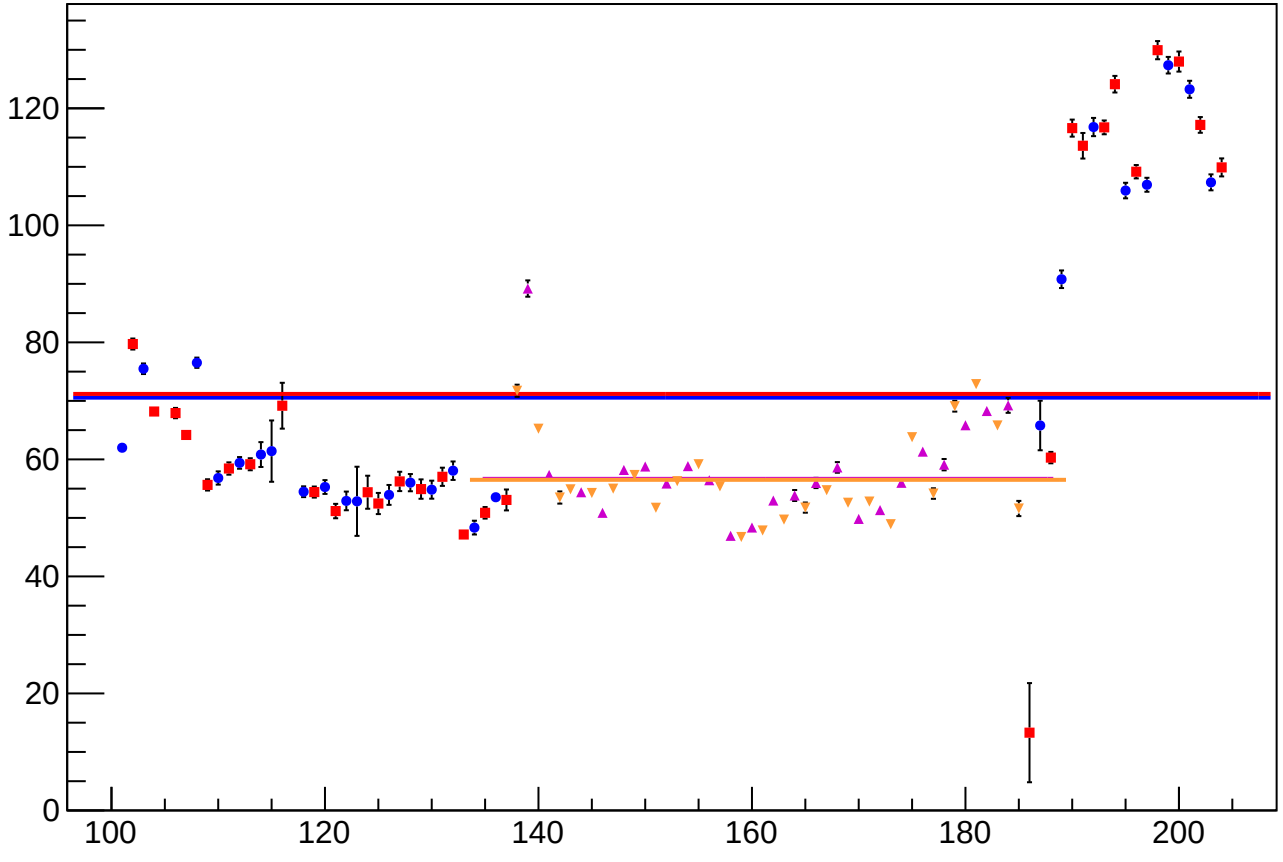
Right: -3.163+/-0.284 χ^2/NDF: 643.3/18

In: -9.319+/-0.187 χ^2/NDF:3689.1/30

Out: -8.210+/-0.176 χ^2/NDF:5036.8/35

All: -8.731+/-0.128 χ^2/NDF: 8744.7/66

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 70.555+/-0.234 χ^2/NDF: 8739.4/24

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 71.188+/-0.215 χ^2/NDF: 13372.8/28

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

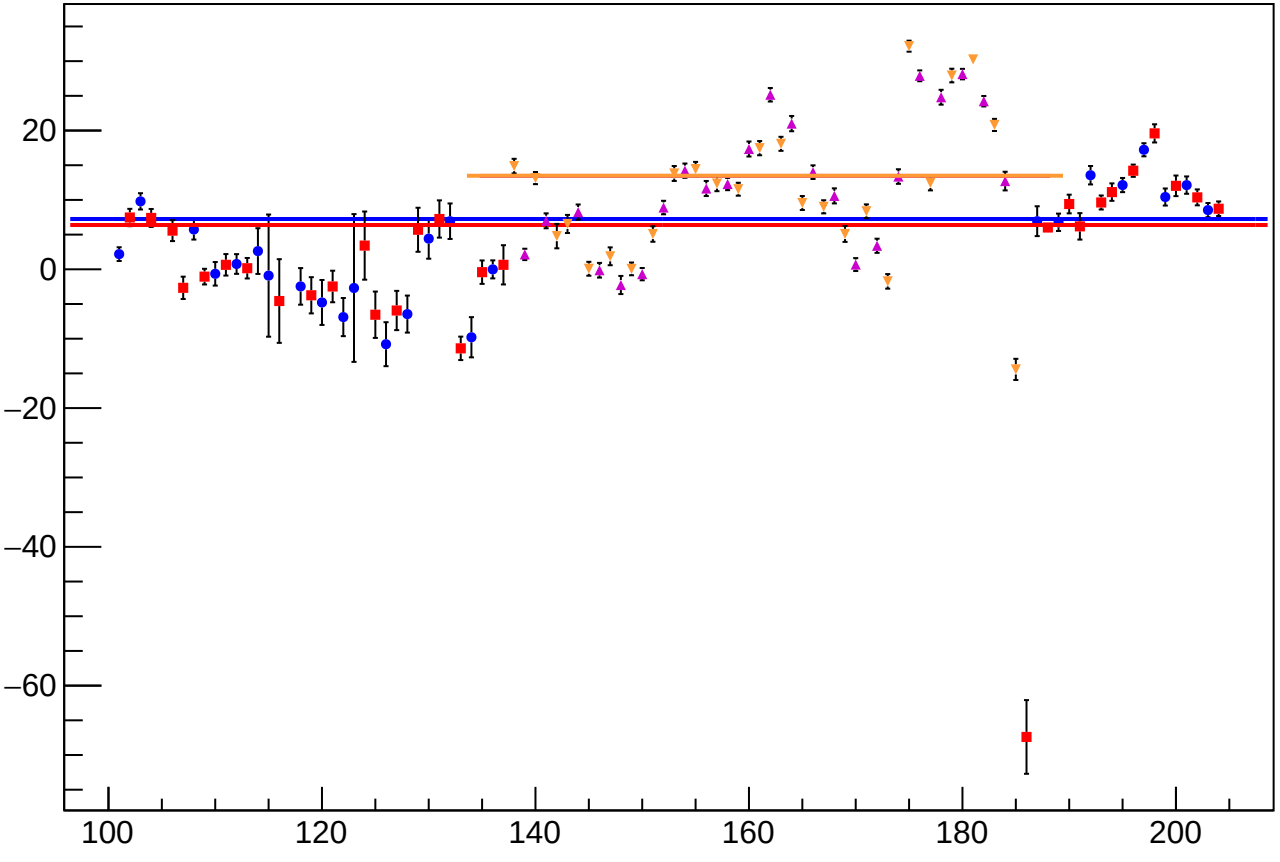
Right: 70.897+/-0.158 χ^2/NDF: 22116.2/53

In: 61.278+/-0.135 χ^2/NDF:12776.2/47

Out: 61.698+/-0.128 χ^2/NDF:18338.6/53

All: 61.498+/-0.093 χ^2/NDF: 31119.9/101

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.252+/-0.308 χ^2/NDF: 437.9/24

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 6.385+/-0.253 χ^2/NDF: 741.8/28

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

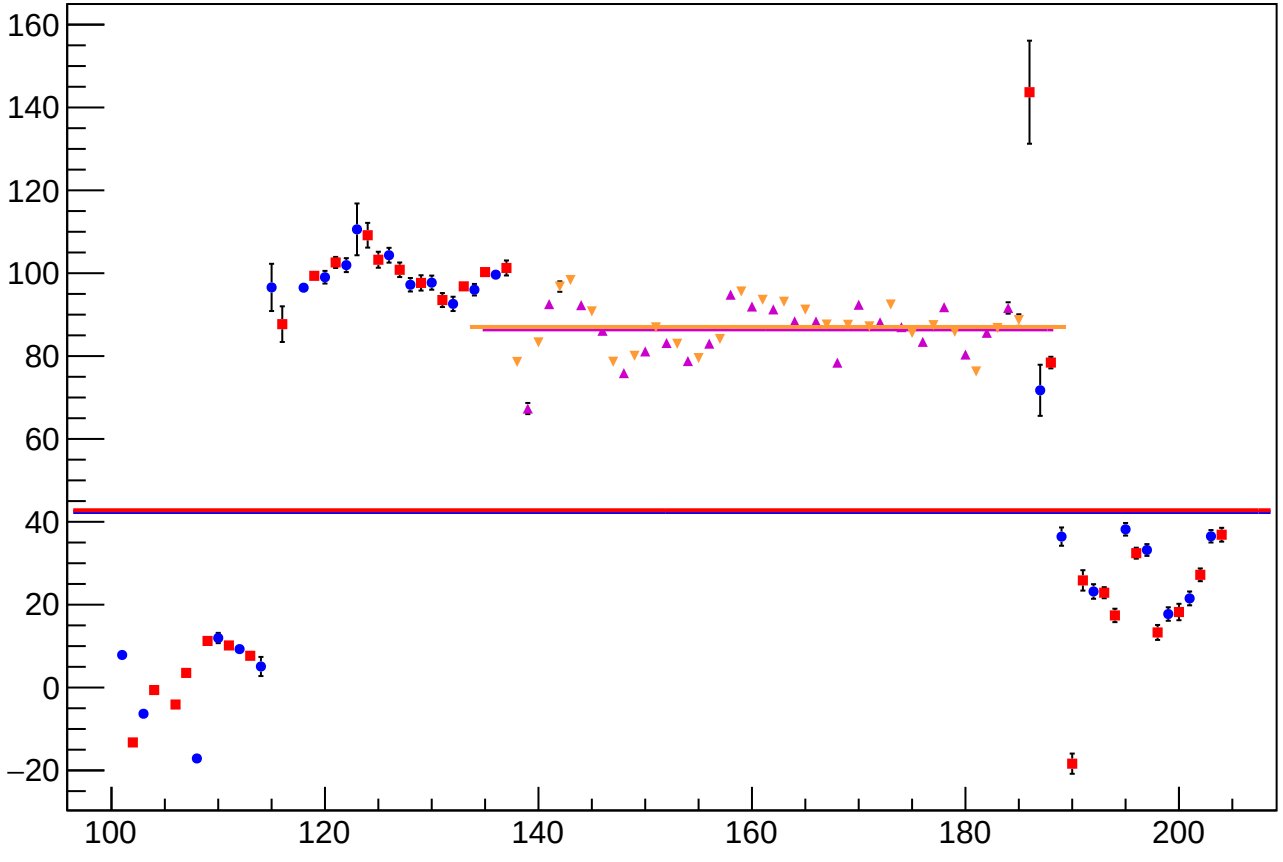
Right: 6.735+/-0.196 χ^2/NDF: 1184.4/53

In: 11.579+/-0.170 χ^2/NDF:3092.2/47

Out: 10.730+/-0.158 χ^2/NDF:3952.9/53

All: 11.124+/-0.116 χ^2/NDF: 7058.5/101

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.370+/-0.272 χ^2/NDF: 25764.6/24

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 42.783+/-0.254 χ^2/NDF: 30476.0/28

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

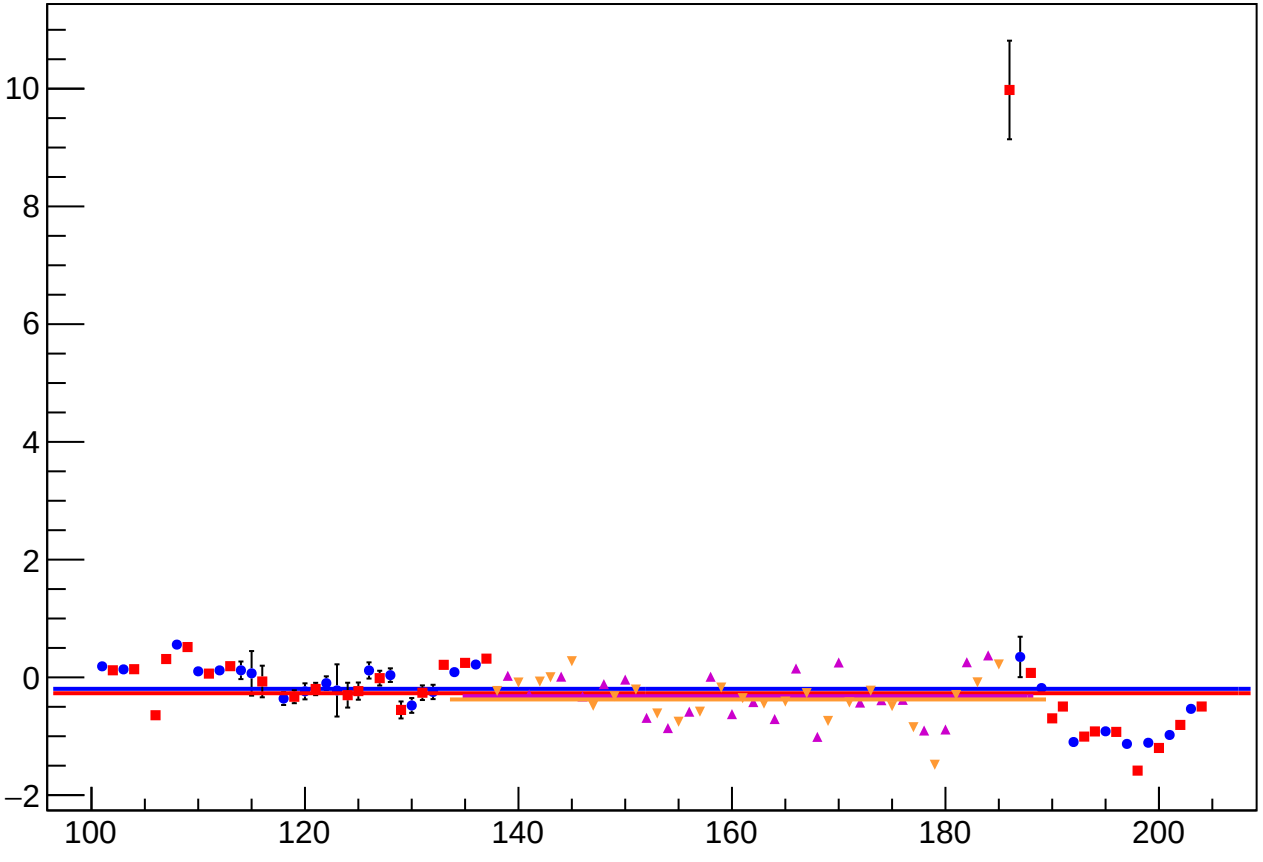
Right: 42.591+/-0.186 χ^2/NDF: 56241.8/53

In: 72.595+/-0.152 χ^2/NDF:44832.0/47

Out: 72.282+/-0.147 χ^2/NDF:51778.3/53

All: 72.432+/-0.106 χ^2/NDF: 96612.6/101

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.195+/-0.011 χ^2/NDF: 2676.1/24

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.269+/-0.010 χ^2/NDF: 3336.7/28

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

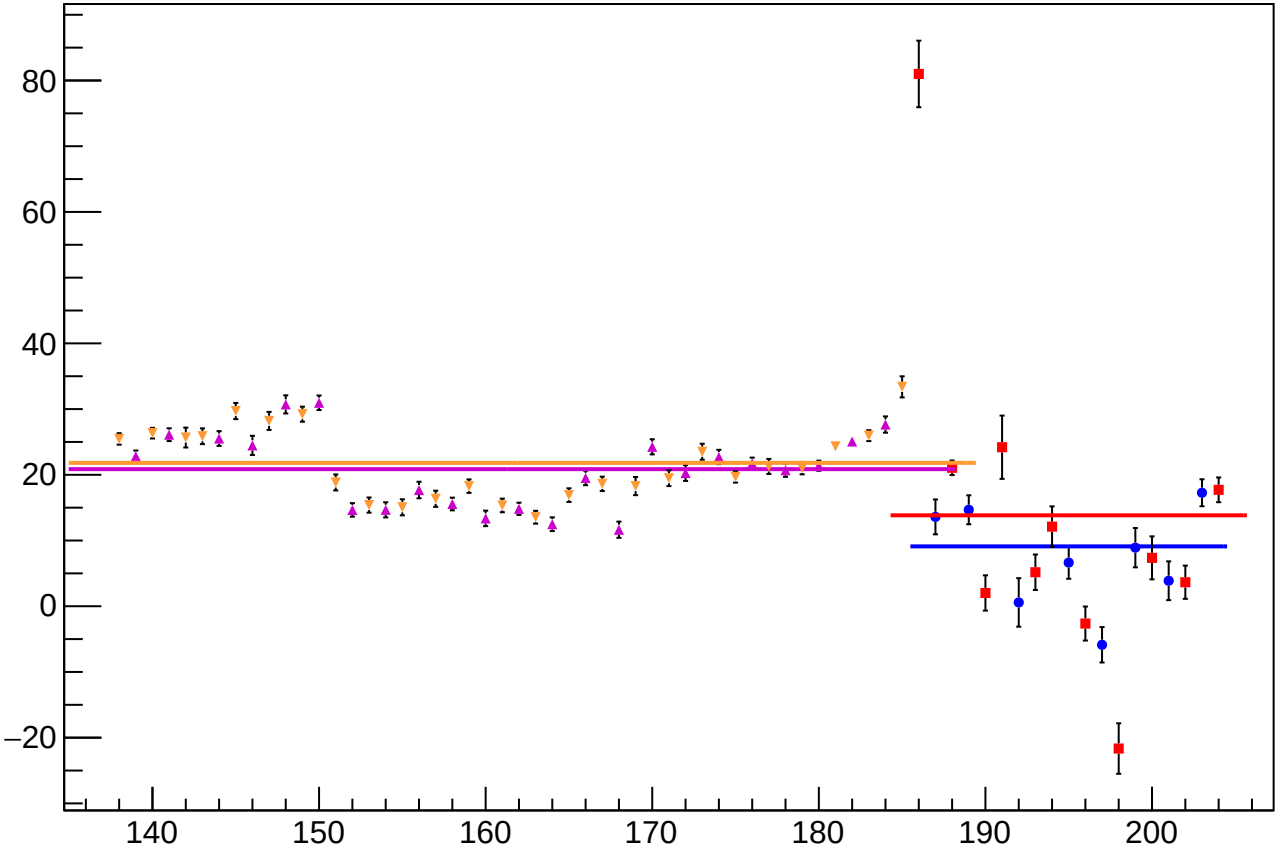
Right: -0.235+/-0.008 χ^2/NDF: 6036.7/53

In: -0.277+/-0.007 χ^2/NDF:5082.3/47

Out: -0.334+/-0.006 χ^2/NDF:5058.9/53

All: -0.307+/-0.005 χ^2/NDF: 10180.1/101

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.108+/-0.918 χ^2/NDF: 65.5/7

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 13.835+/-0.702 χ^2/NDF: 403.6/10

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

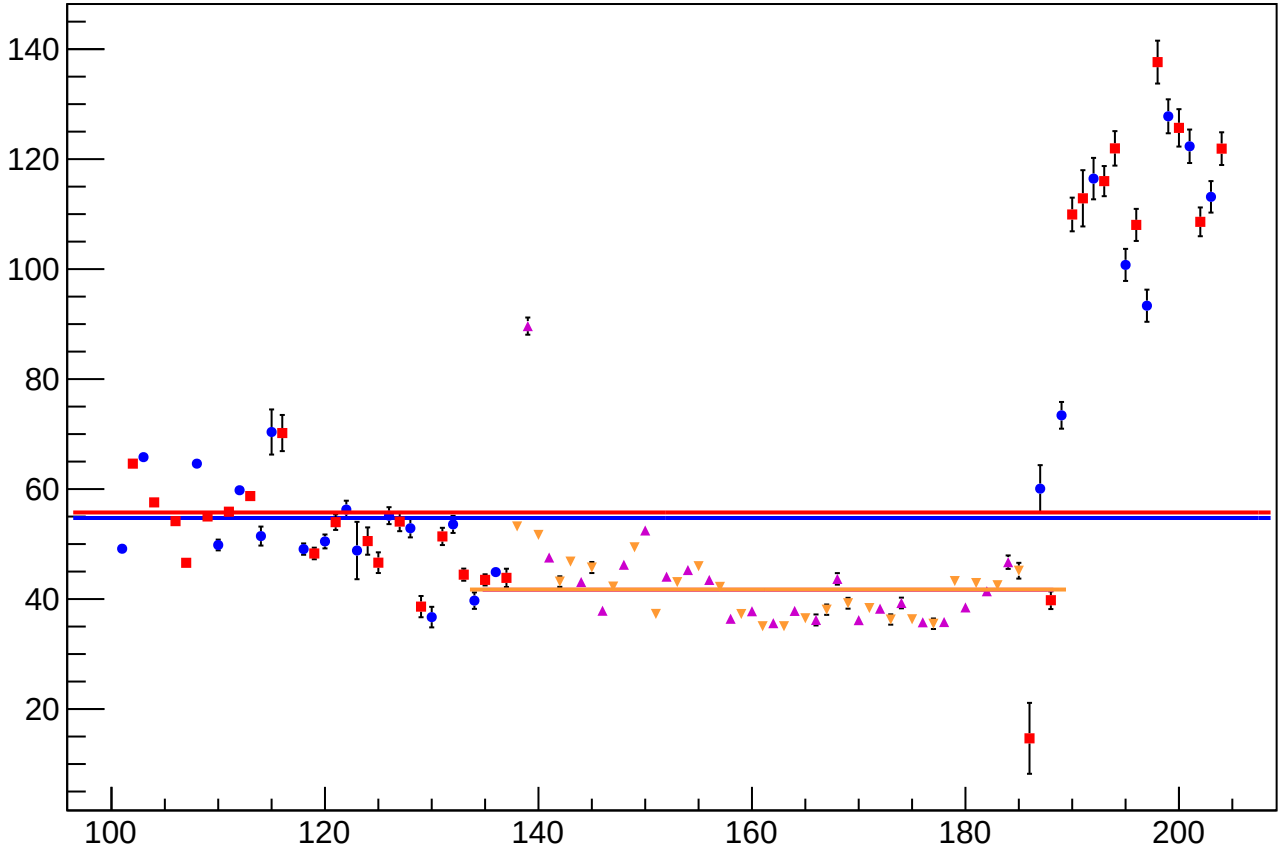
Right: 12.089+/-0.558 χ^2/NDF: 485.7/18

In: 20.246+/-0.210 χ^2/NDF:796.4/30

Out: 21.161+/-0.201 χ^2/NDF:1044.9/35

All: 20.722+/-0.145 χ^2/NDF: 1851.2/66

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.740+/-0.206 χ^2/NDF: 3489.1/24

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 55.747+/-0.220 χ^2/NDF: 4569.5/28

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

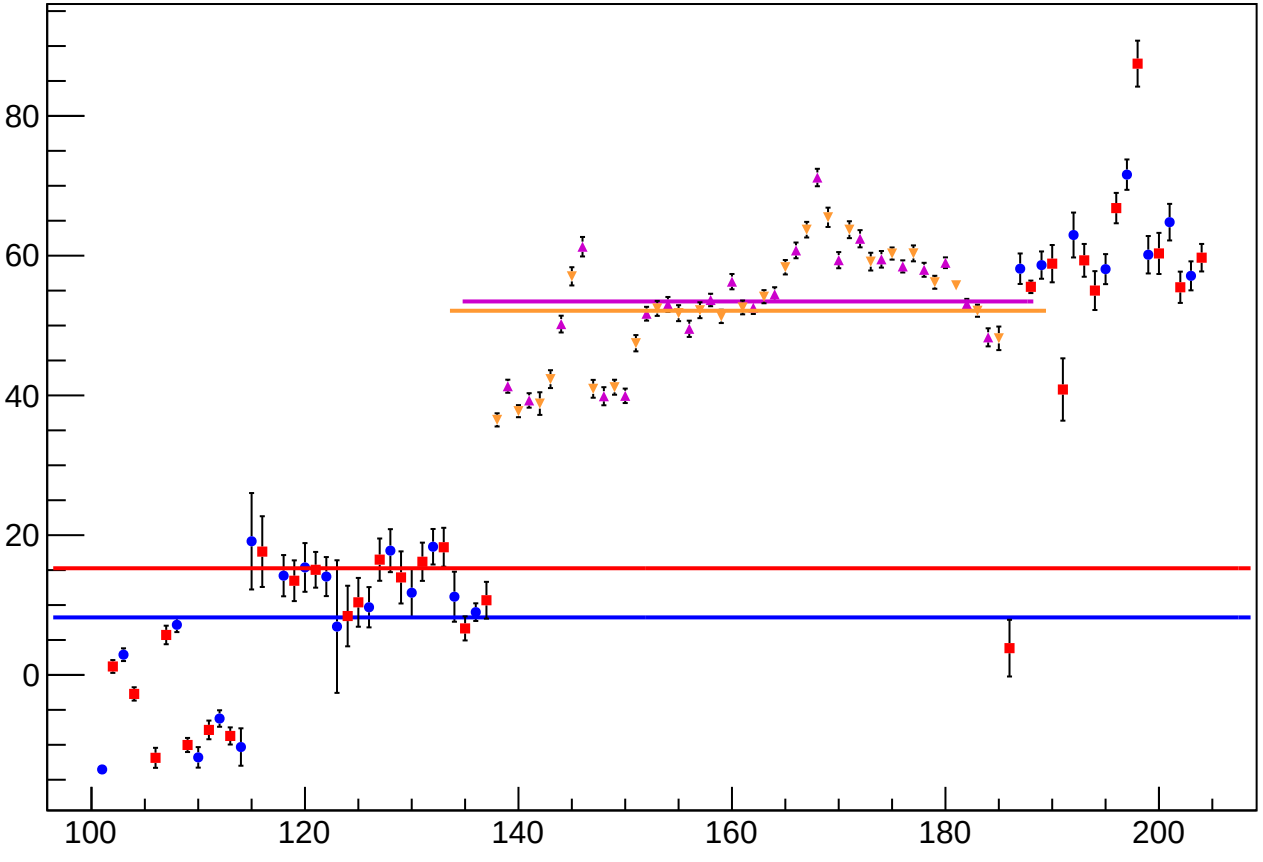
Right: 55.210+/-0.151 χ^2/NDF: 8069.7/53

In: 47.089+/-0.133 χ^2/NDF:7552.7/47

Out: 46.807+/-0.132 χ^2/NDF:8168.6/53

All: 46.948+/-0.094 χ^2/NDF: 15723.5/101

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.232+/-0.332 χ^2/NDF: 5952.2/24

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 15.264+/-0.323 χ^2/NDF: 7354.0/28

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

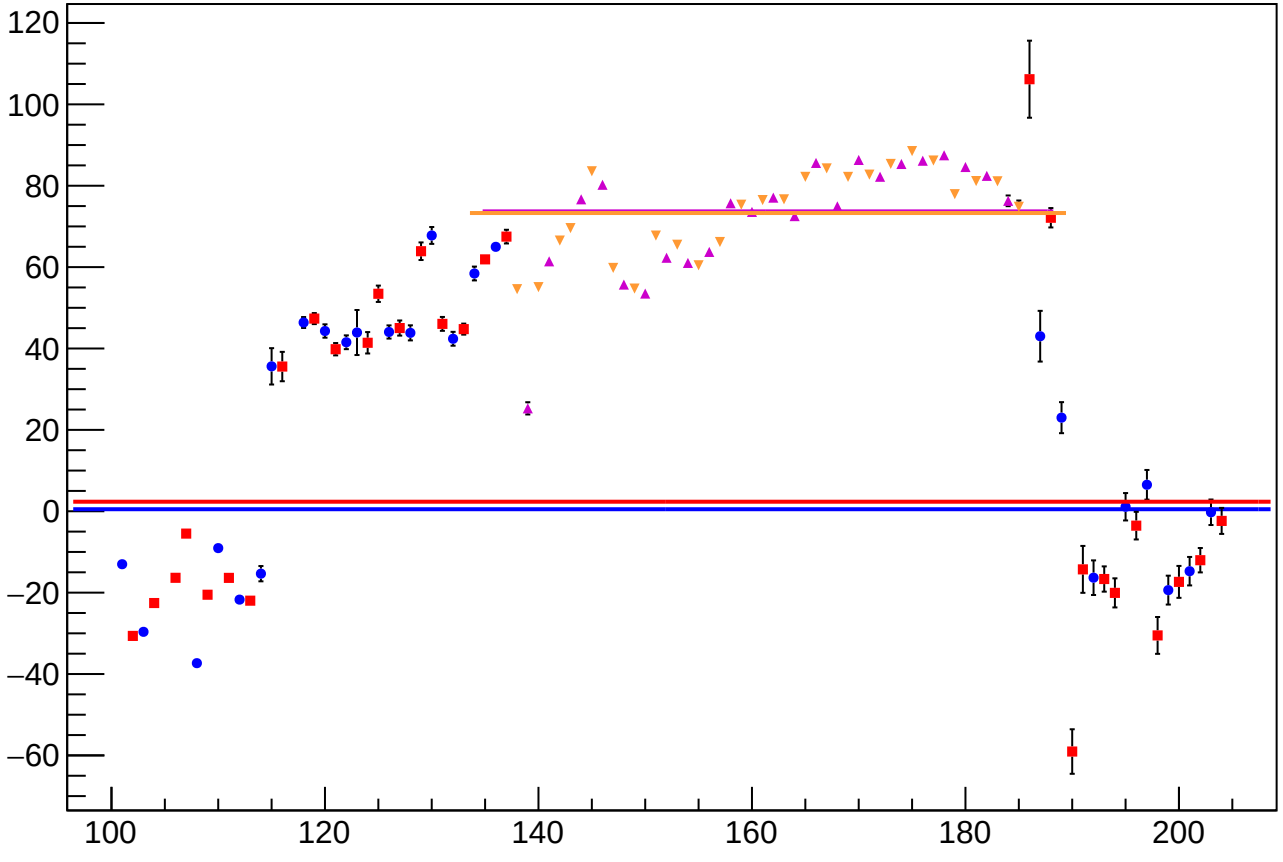
Right: 11.849+/-0.231 χ^2/NDF: 13536.9/53

In: 40.141+/-0.180 χ^2/NDF:20205.3/47

Out: 41.118+/-0.176 χ^2/NDF:17951.0/53

All: 40.640+/-0.126 χ^2/NDF: 38171.3/101

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.500+/-0.242 χ^2/NDF: 18573.9/24

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.347+/-0.260 χ^2/NDF: 16675.5/28

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

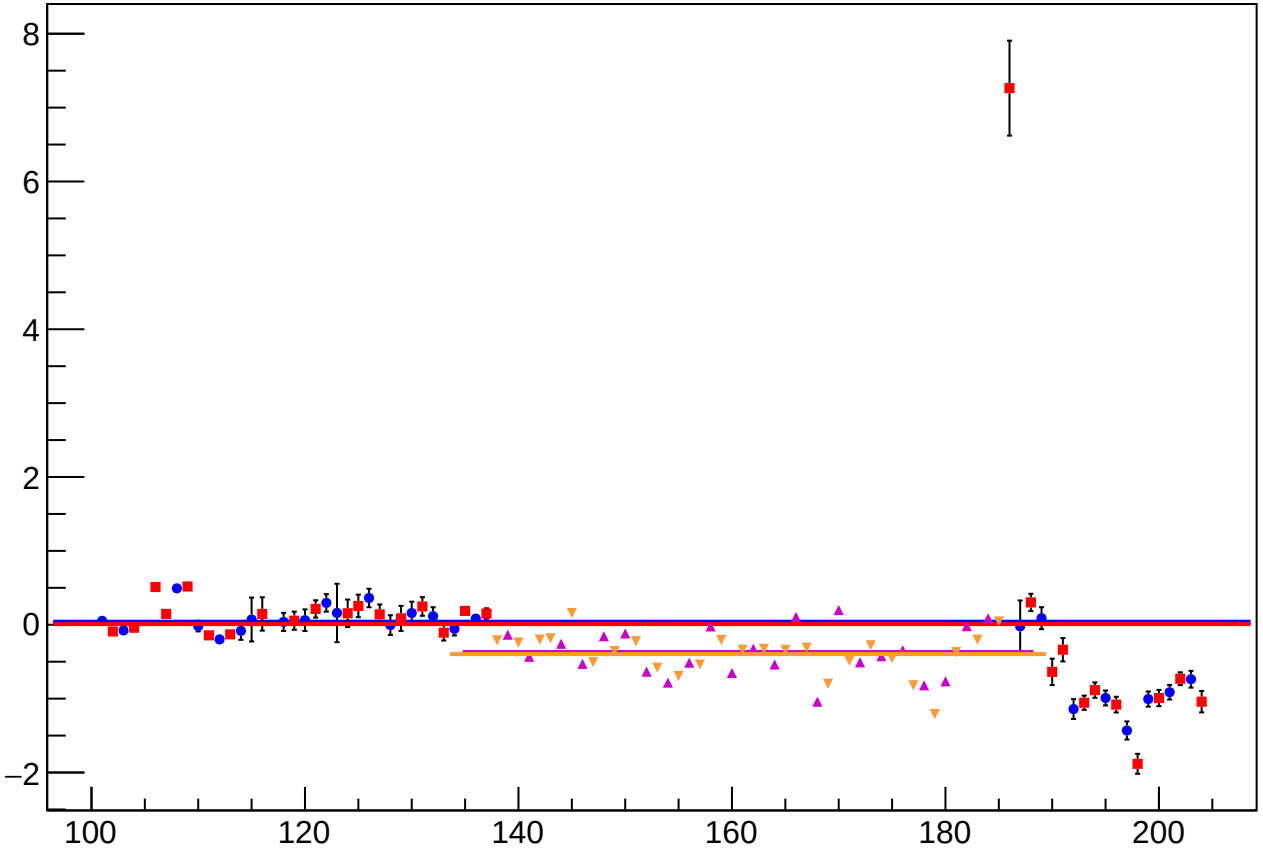
Right: 1.360+/-0.177 χ^2/NDF: 35276.5/53

In: 45.157+/-0.151 χ^2/NDF:78067.1/47

Out: 49.029+/-0.152 χ^2/NDF:68872.6/53

All: 47.086+/-0.107 χ^2/NDF: 147265.5/101

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.041+/-0.011 χ^2/NDF: 1004.8/24

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.009+/-0.011 χ^2/NDF: 1292.0/28

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

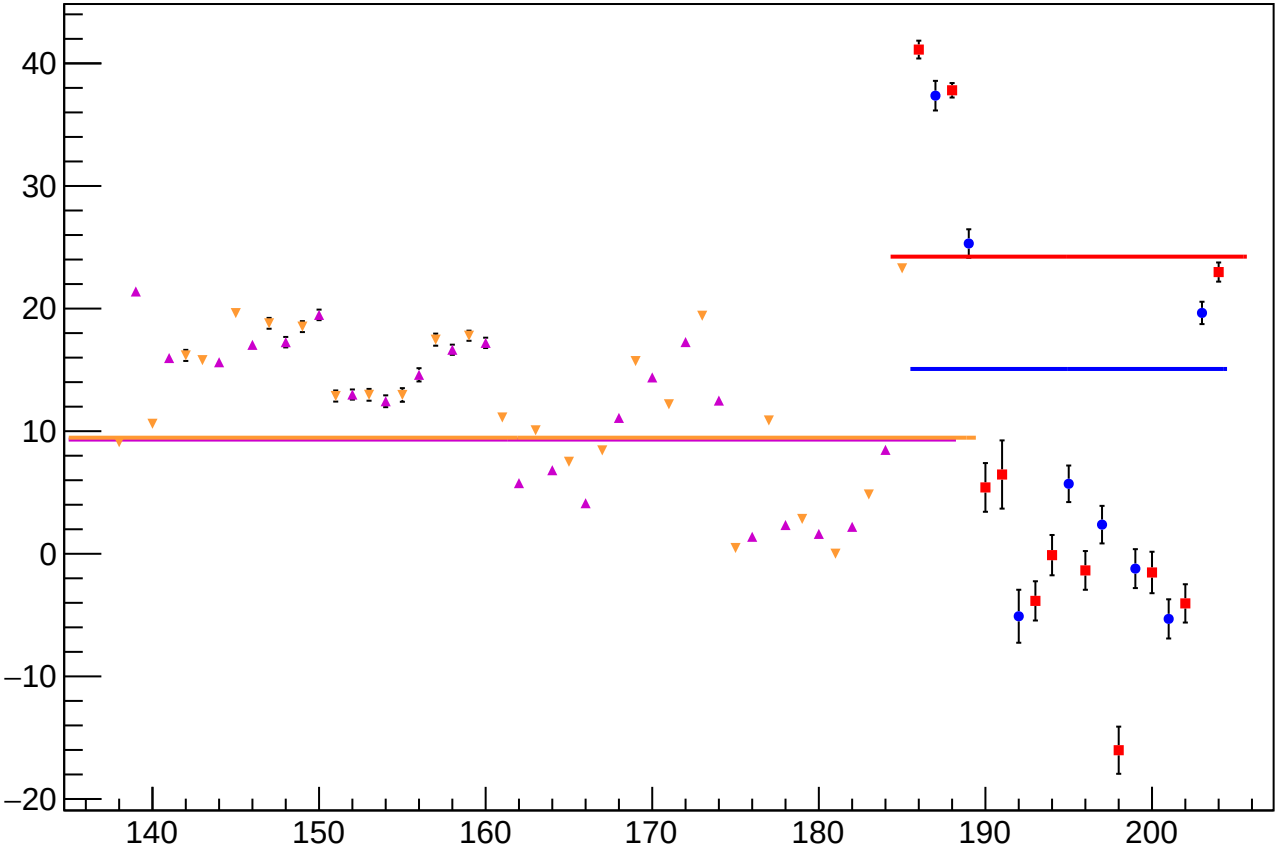
Right: 0.025+/-0.008 χ^2/NDF: 2301.4/53

In: -0.206+/-0.007 χ^2/NDF:3218.0/47

Out: -0.237+/-0.007 χ^2/NDF:3123.1/53

All: -0.222+/-0.005 χ^2/NDF: 6351.6/101

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 15.075+/-0.471 χ^2/NDF: 906.5/7

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 24.236+/-0.334 χ^2/NDF: 2988.2/10

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

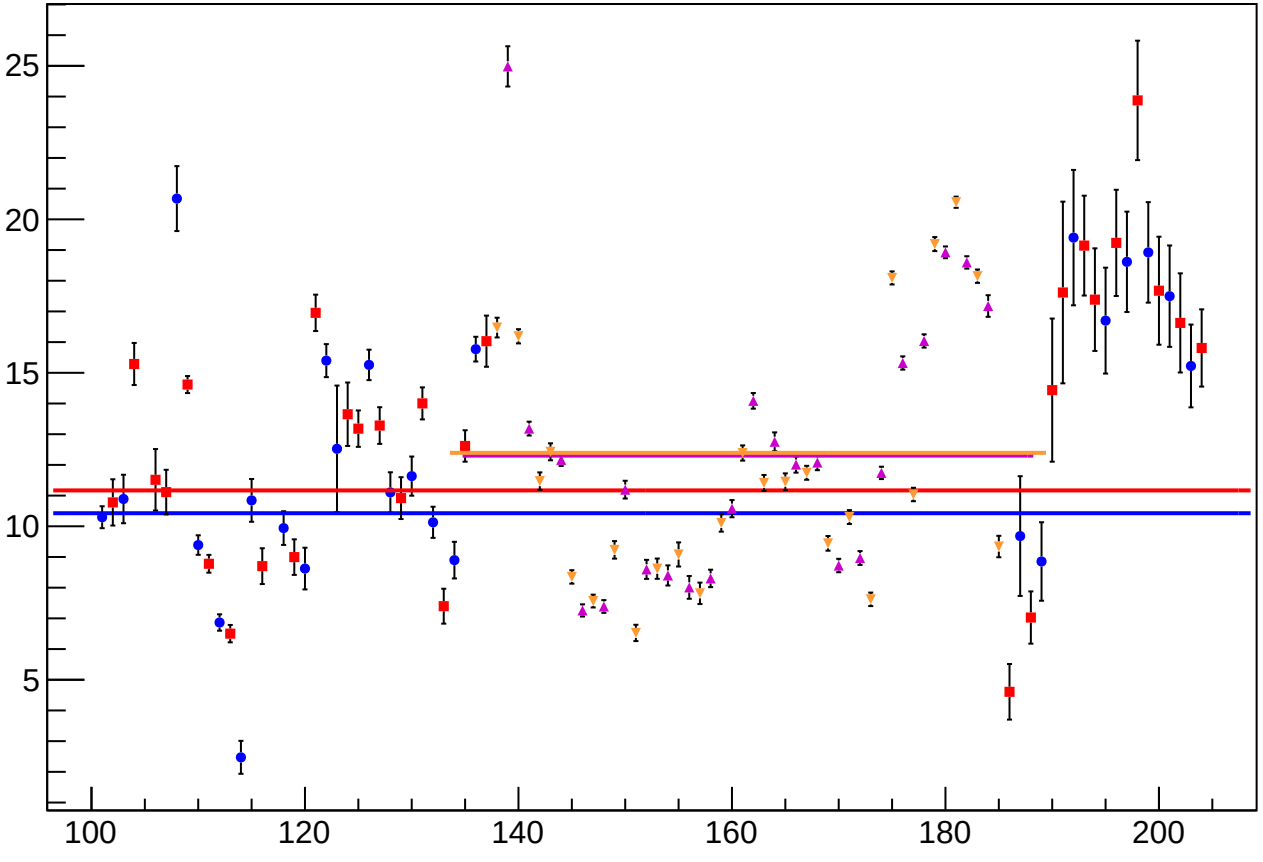
Right: 21.171+/-0.272 χ^2/NDF: 4146.6/18

In: 9.415+/-0.062 χ^2/NDF:12060.9/30

Out: 9.952+/-0.060 χ^2/NDF:17458.4/35

All: 9.692+/-0.043 χ^2/NDF: 29557.7/66

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.426+/-0.116 χ^2/NDF: 994.9/24

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.169+/-0.112 χ^2/NDF: 1027.3/28

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

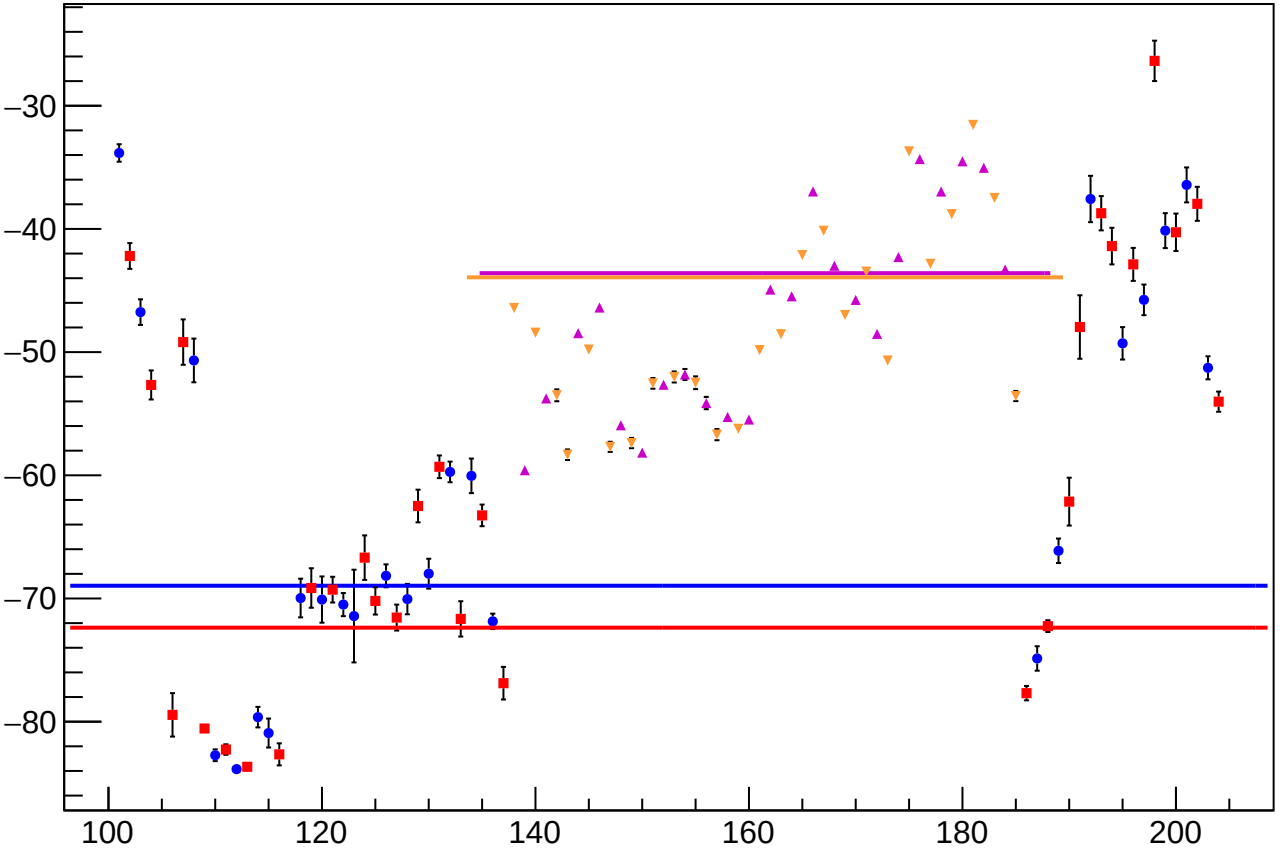
Right: 10.811+/-0.081 χ^2/NDF: 2043.4/53

In: 11.999+/-0.047 χ^2/NDF:6874.1/47

Out: 12.192+/-0.046 χ^2/NDF:8652.5/53

All: 12.098+/-0.033 χ^2/NDF: 15535.3/101

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.965+/-0.179 χ^2/NDF: 8024.2/24

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -72.368+/-0.153 χ^2/NDF: 7719.2/28

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

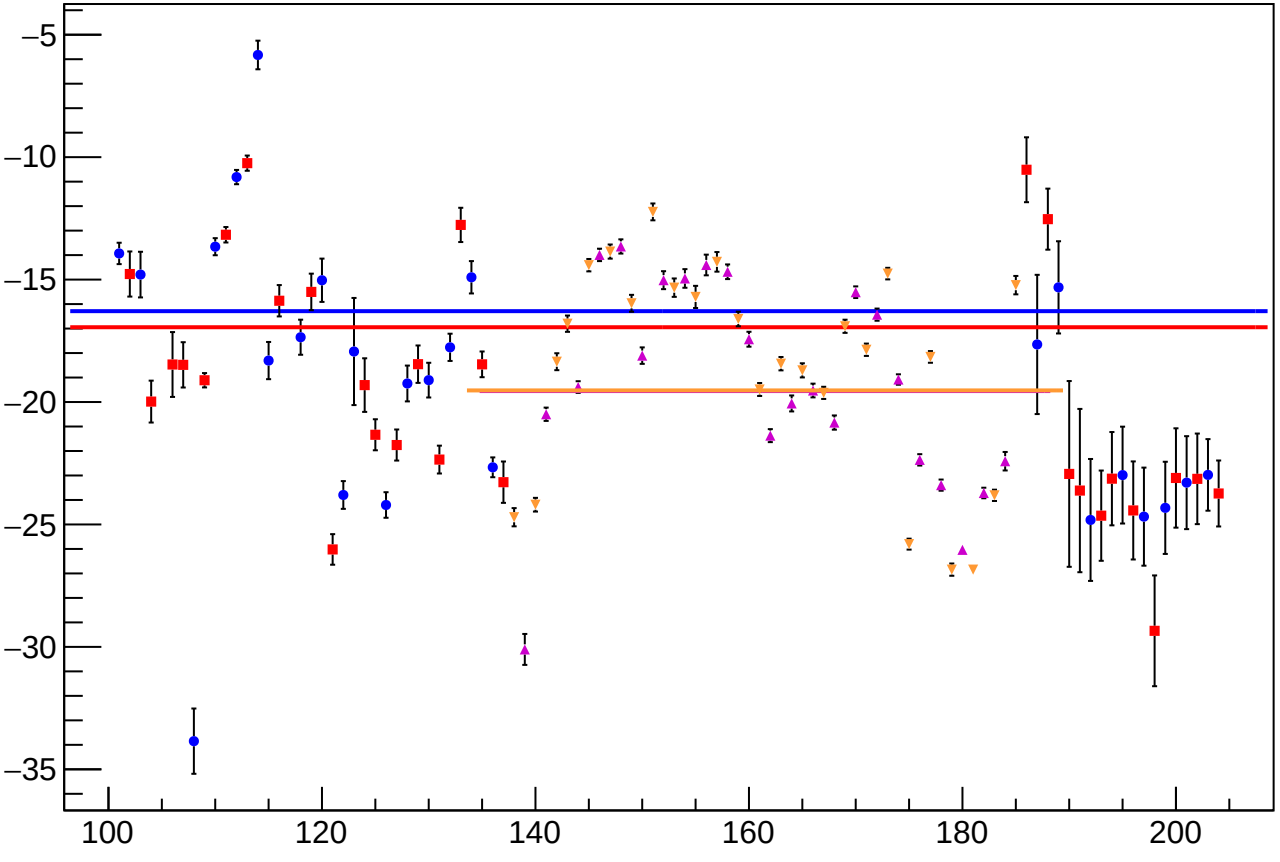
Right: -70.927+/-0.116 χ^2/NDF: 15952.0/53

In: -46.397+/-0.059 χ^2/NDF:41497.7/47

Out: -47.928+/-0.058 χ^2/NDF:54847.2/53

All: -47.188+/-0.041 χ^2/NDF: 96687.1/101

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.289+/-0.130 χ^2/NDF: 1737.6/24

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.946+/-0.125 χ^2/NDF: 1368.2/28

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

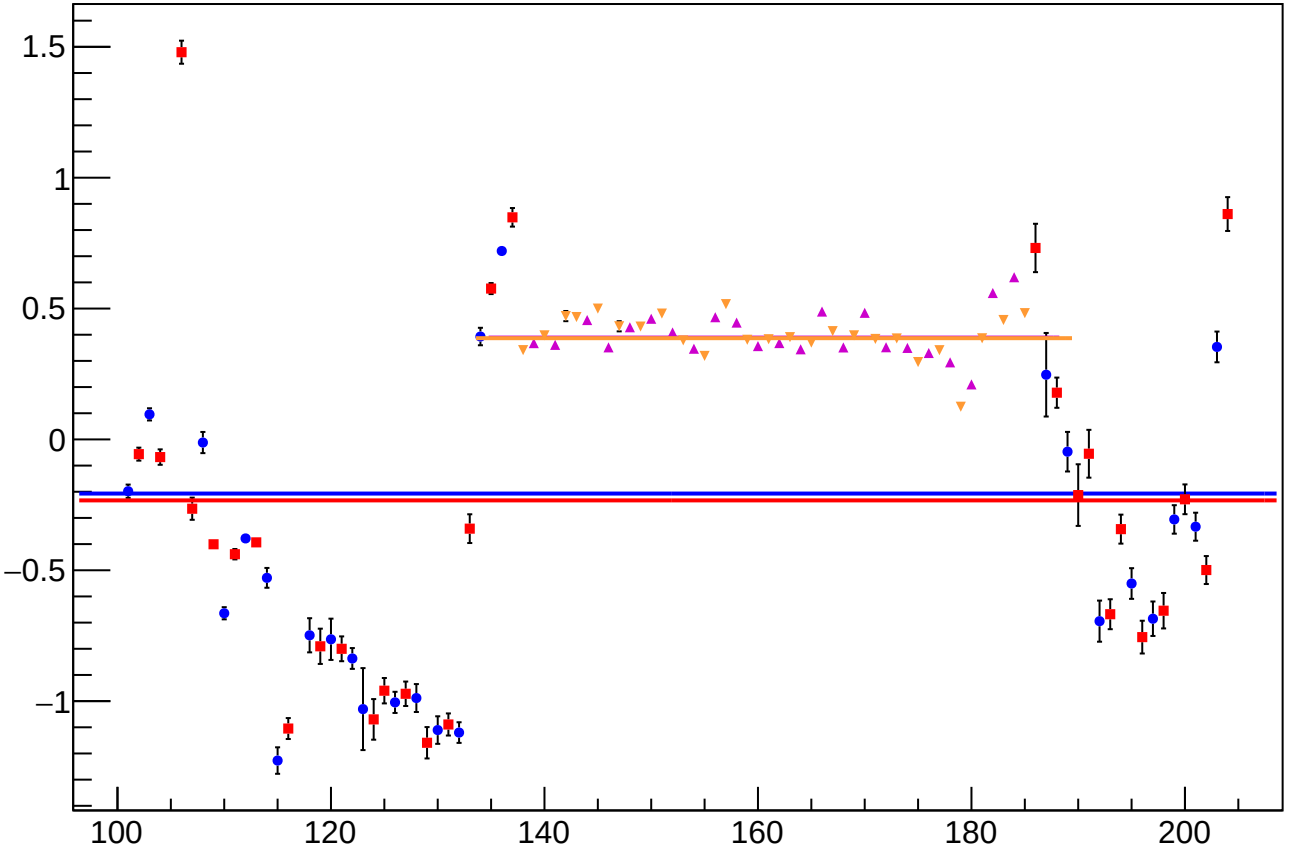
Right: -16.630+/-0.090 χ^2/NDF: 3119.1/53

In: -19.022+/-0.052 χ^2/NDF:6626.4/47

Out: -19.095+/-0.051 χ^2/NDF:8217.6/53

All: -19.059+/-0.037 χ^2/NDF: 14845.0/101

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.207+/-0.007 χ^2/NDF: 6578.5/24

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.233+/-0.007 χ^2/NDF: 6851.6/28

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

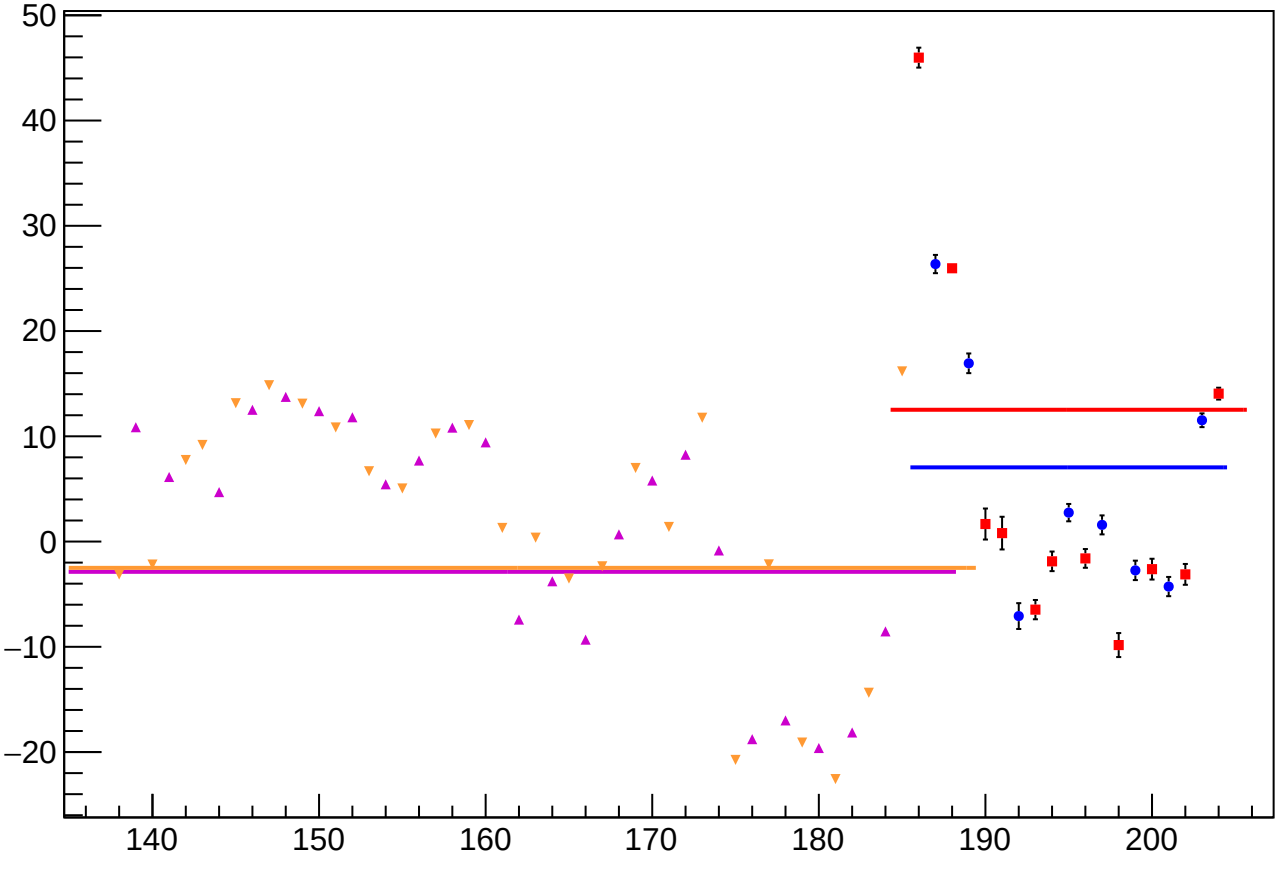
Right: -0.221+/-0.005 χ^2/NDF: 13437.2/53

In: 0.319+/-0.002 χ^2/NDF:13945.9/47

Out: 0.309+/-0.002 χ^2/NDF:15214.6/53

All: 0.314+/-0.002 χ^2/NDF: 29170.3/101

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.048+/-0.308 χ^2/NDF: 1116.2/7

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 12.521+/-0.242 χ^2/NDF: 4142.6/10

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

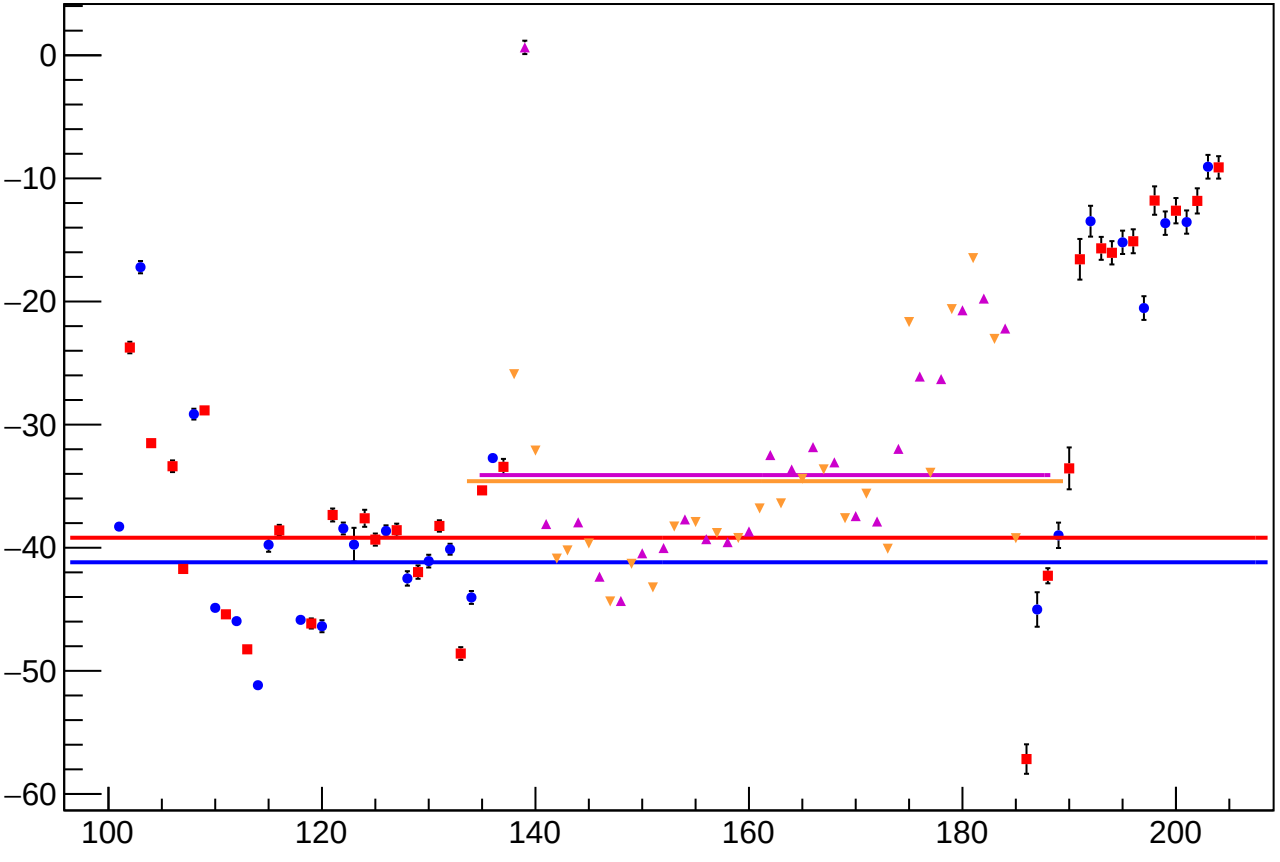
Right: 10.427+/-0.190 χ^2/NDF: 5453.9/18

In: -2.573+/-0.054 χ^2/NDF:48504.3/30

Out: -1.815+/-0.052 χ^2/NDF:63739.0/35

All: -2.179+/-0.037 χ^2/NDF: 112346.6/66

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.181+/-0.076 χ^2/NDF: 11257.4/24

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.187+/-0.071 χ^2/NDF: 16384.4/28

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

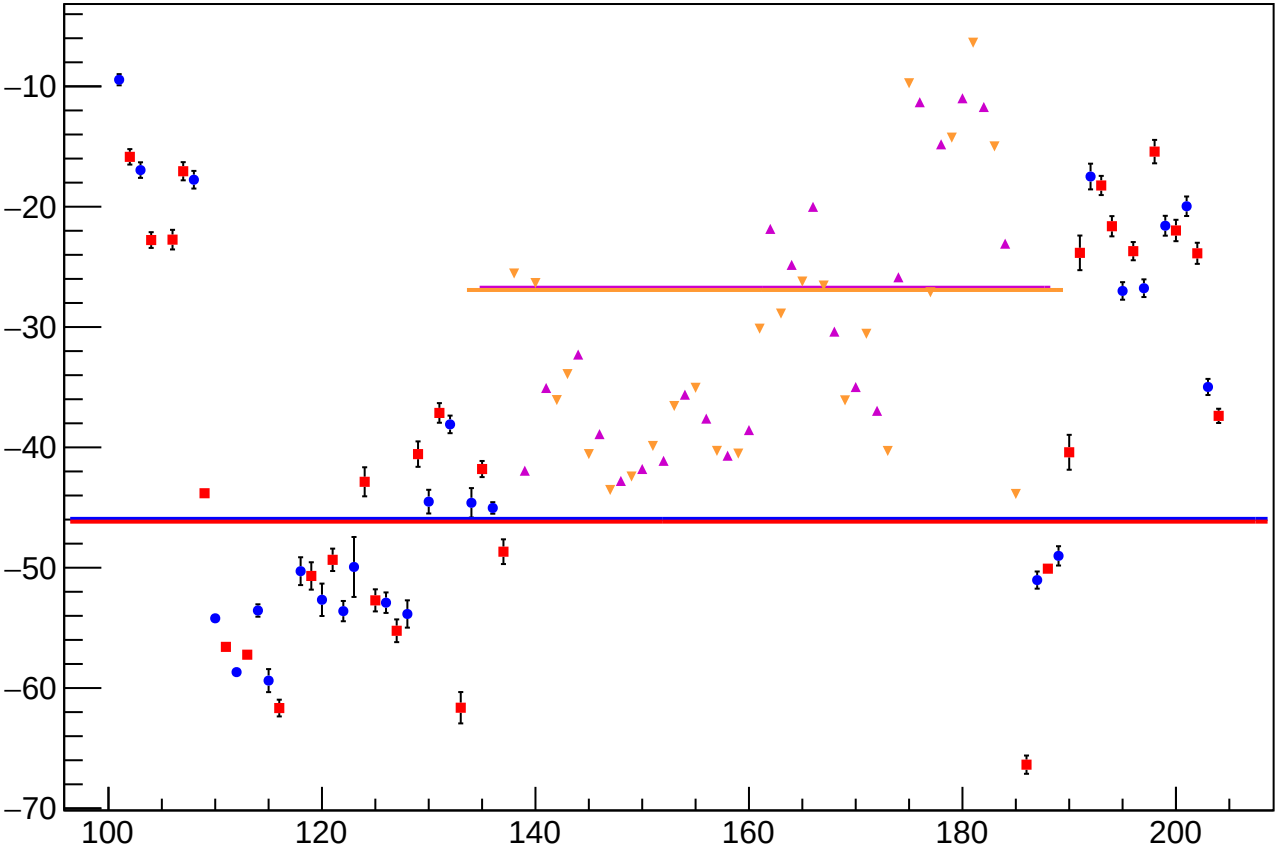
Right: -40.113+/-0.052 χ^2/NDF: 28010.2/53

In: -35.866+/-0.038 χ^2/NDF:47137.1/47

Out: -35.788+/-0.036 χ^2/NDF:53904.7/53

All: -35.825+/-0.026 χ^2/NDF: 101044.0/101

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.942+/-0.113 χ^2/NDF: 19459.5/24

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -46.172+/-0.096 χ^2/NDF: 18135.1/28

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

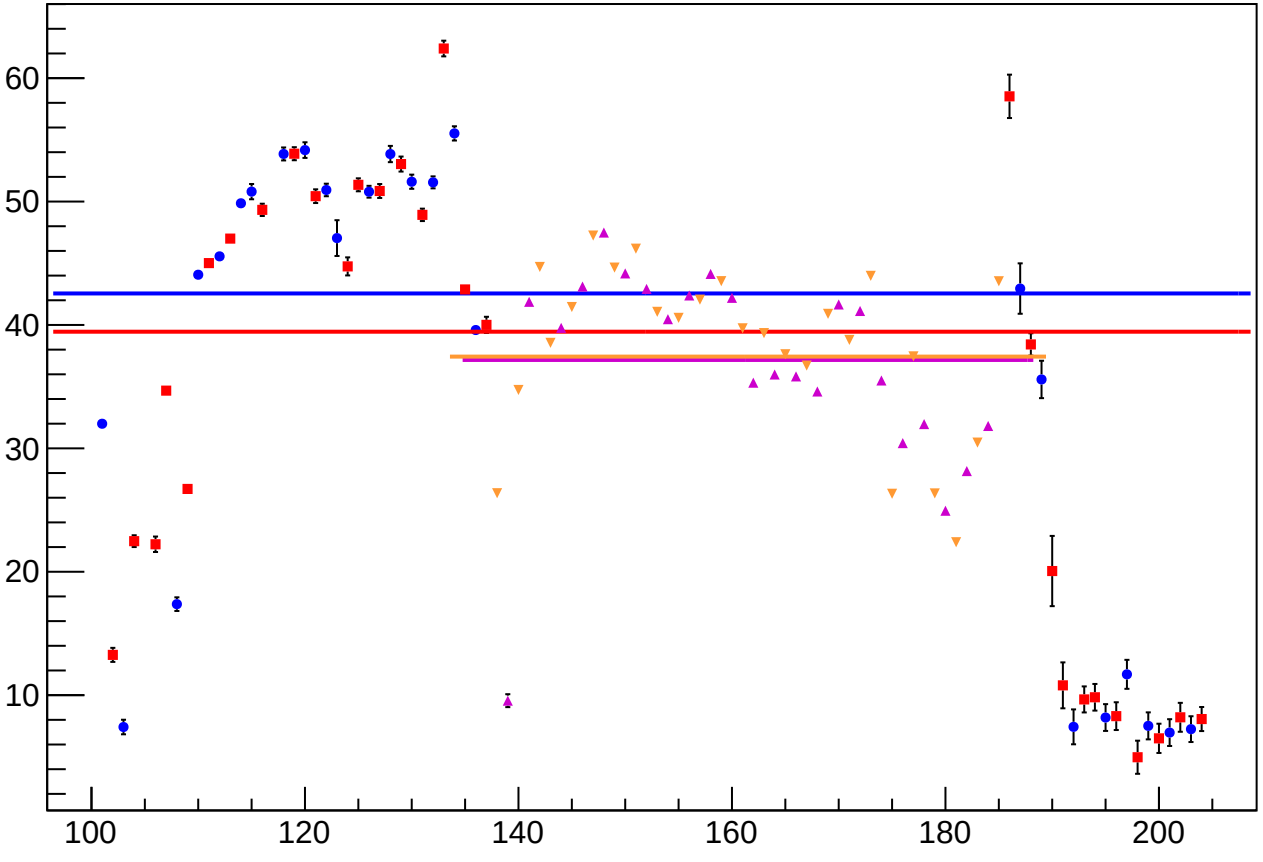
Right: -46.076+/-0.073 χ^2/NDF: 37597.0/53

In: -30.368+/-0.049 χ^2/NDF:85415.6/47

Out: -31.474+/-0.047 χ^2/NDF:98154.4/53

All: -30.952+/-0.034 χ^2/NDF: 183835.8/101

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.553+/-0.085 χ^2/NDF: 16412.9/24

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 39.453+/-0.078 χ^2/NDF: 23071.3/28

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

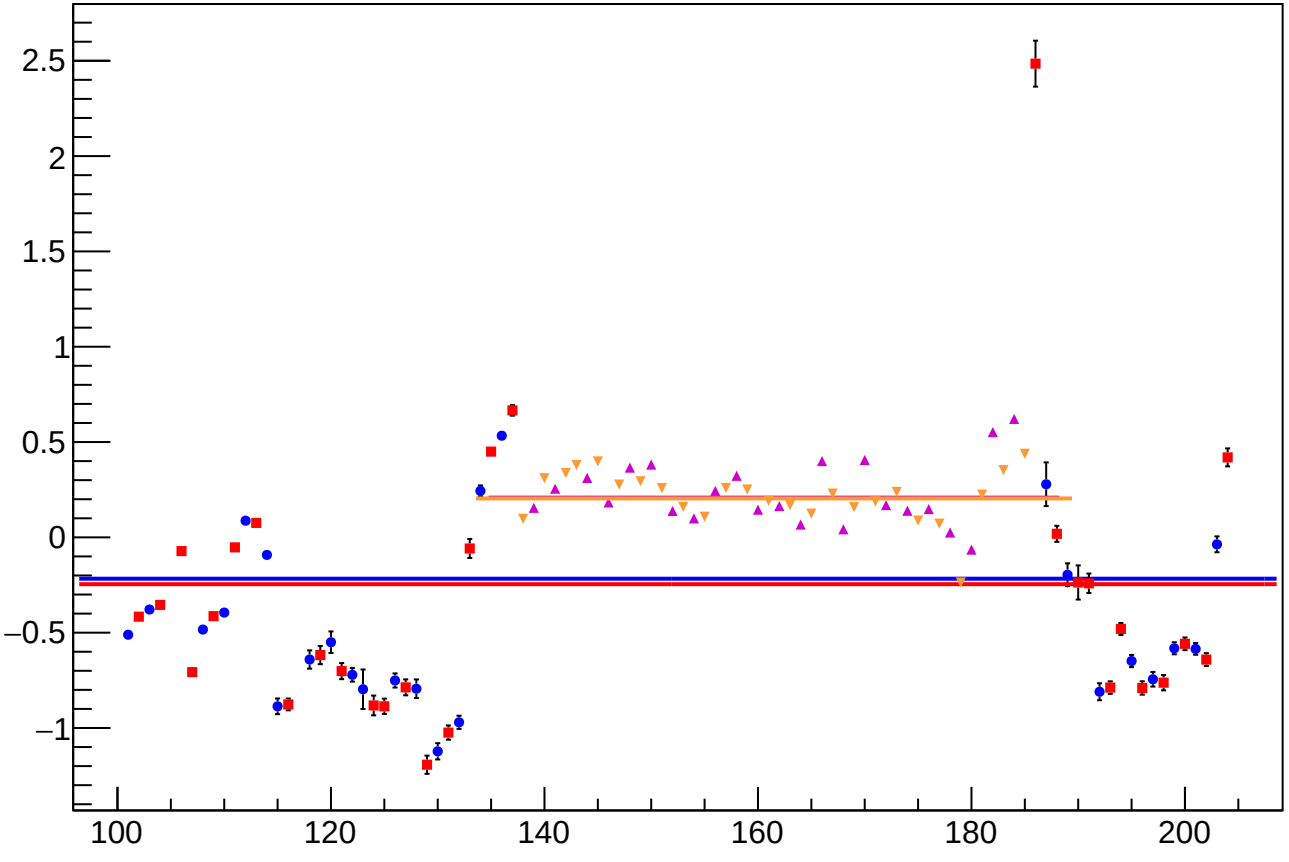
Right: 40.879+/-0.058 χ^2/NDF: 40203.4/53

In: 38.515+/-0.043 χ^2/NDF:36856.3/47

Out: 37.974+/-0.041 χ^2/NDF:45074.6/53

All: 38.231+/-0.029 χ^2/NDF: 82015.5/101

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.217+/-0.005 χ^2/NDF: 8303.7/24

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.246+/-0.004 χ^2/NDF: 9215.2/28

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

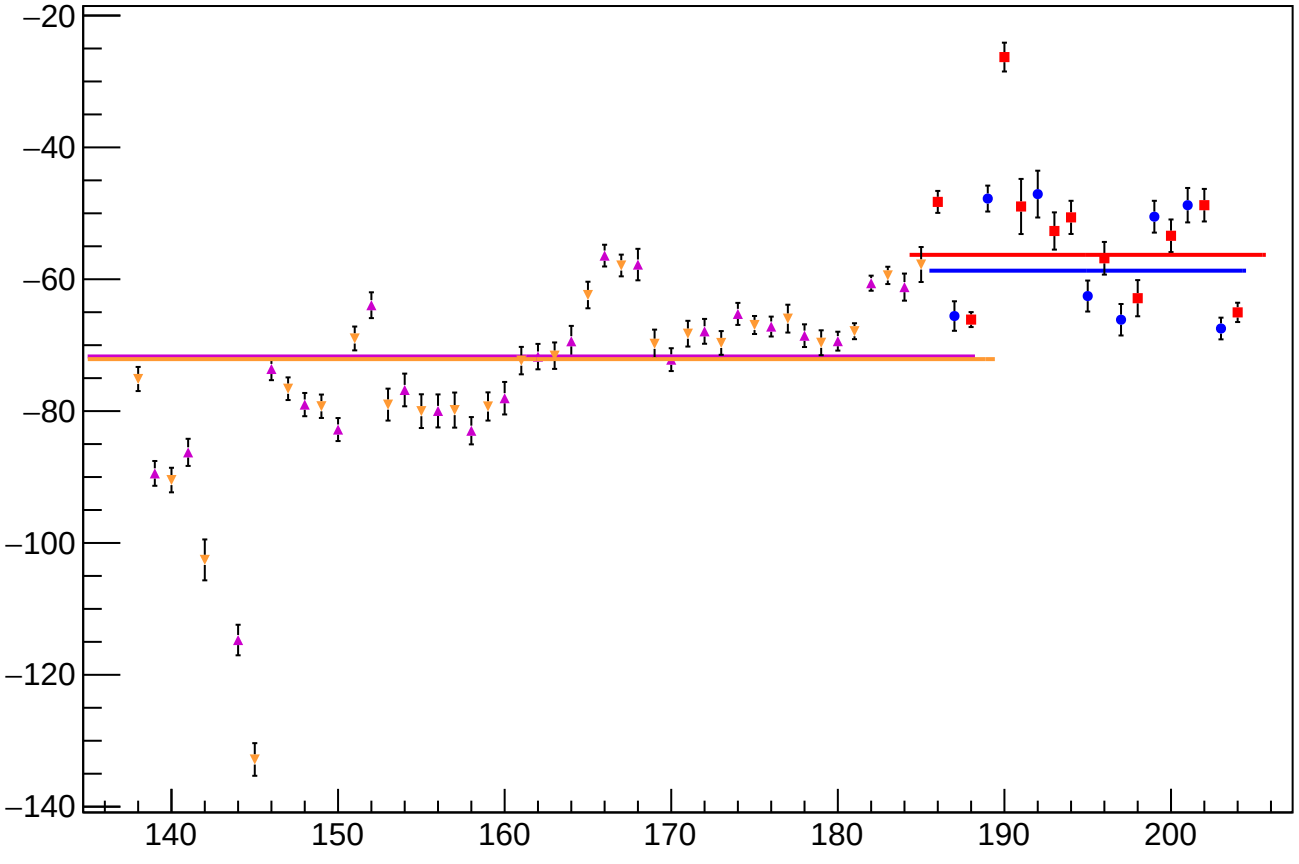
Right: -0.233+/-0.003 χ^2/NDF: 17540.9/53

In: 0.126+/-0.002 χ^2/NDF:20387.3/47

Out: 0.104+/-0.002 χ^2/NDF:22525.2/53

All: 0.114+/-0.001 χ^2/NDF: 42976.7/101

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.699+/-0.795 χ^2/NDF: 117.8/7

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -56.298+/-0.600 χ^2/NDF: 348.2/10

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

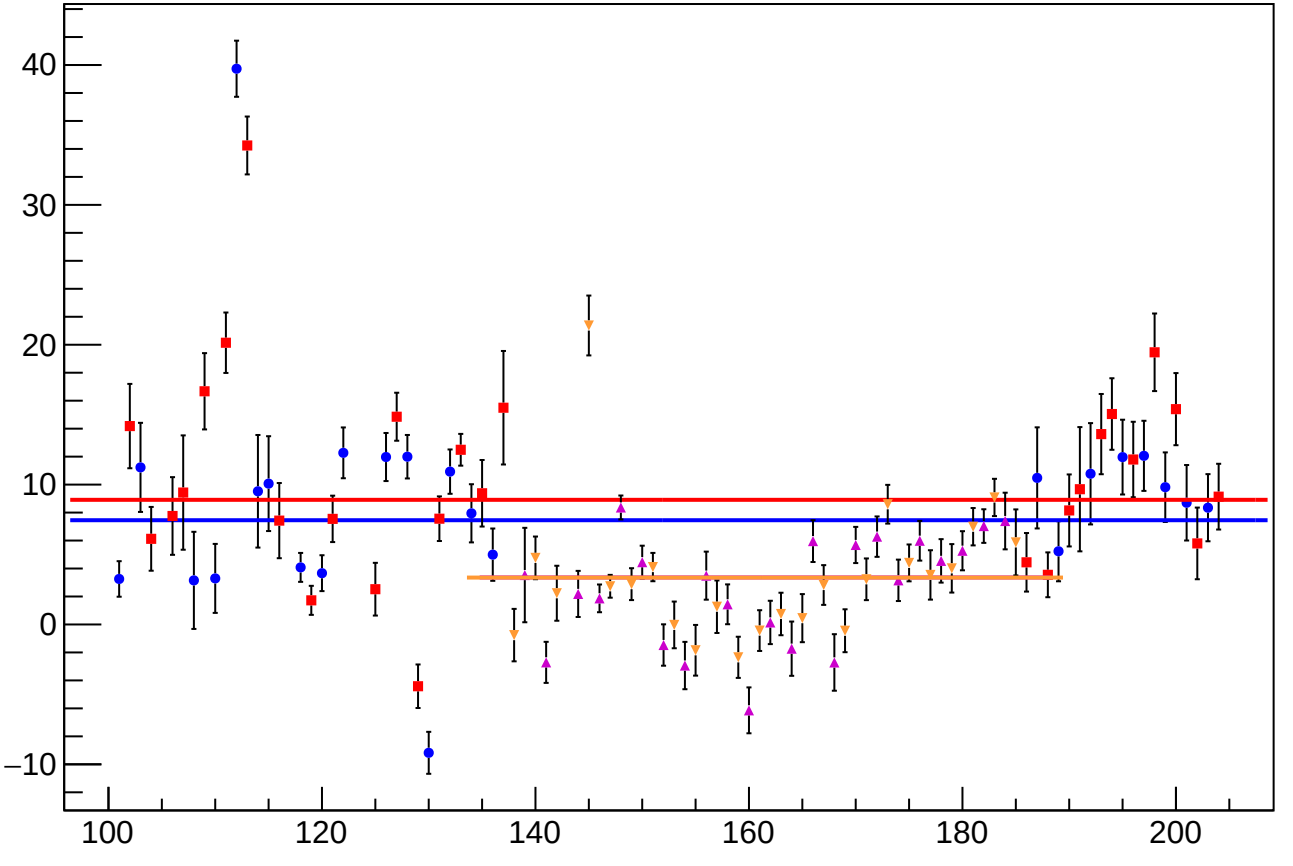
Right: -57.169+/-0.479 χ^2/NDF: 471.9/18

In: -69.291+/-0.343 χ^2/NDF:1220.4/30

Out: -67.542+/-0.323 χ^2/NDF:1967.1/34

All: -68.363+/-0.235 χ^2/NDF: 3201.3/65

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.393 χ^2/NDF: 457.8/23

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.912+/-0.384 χ^2/NDF: 396.6/27

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

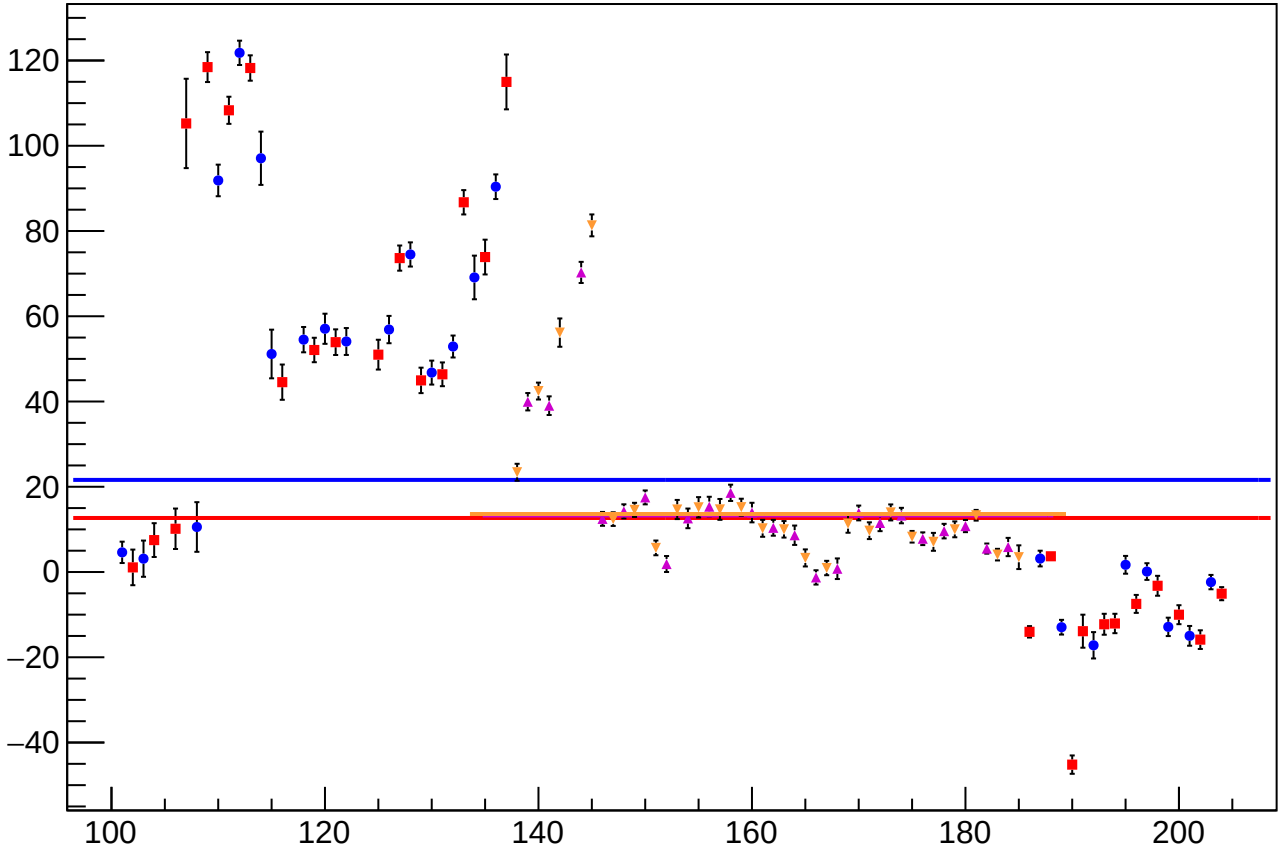
Right: 8.201+/-0.275 χ^2/NDF: 861.4/51

In: 4.850+/-0.237 χ^2/NDF:691.2/46

Out: 5.414+/-0.234 χ^2/NDF:696.4/51

All: 5.136+/-0.167 χ^2/NDF: 1390.4/98

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 21.611+/-0.540 χ^2/NDF: 5087.7/23

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 12.677+/-0.446 χ^2/NDF: 7585.8/27

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

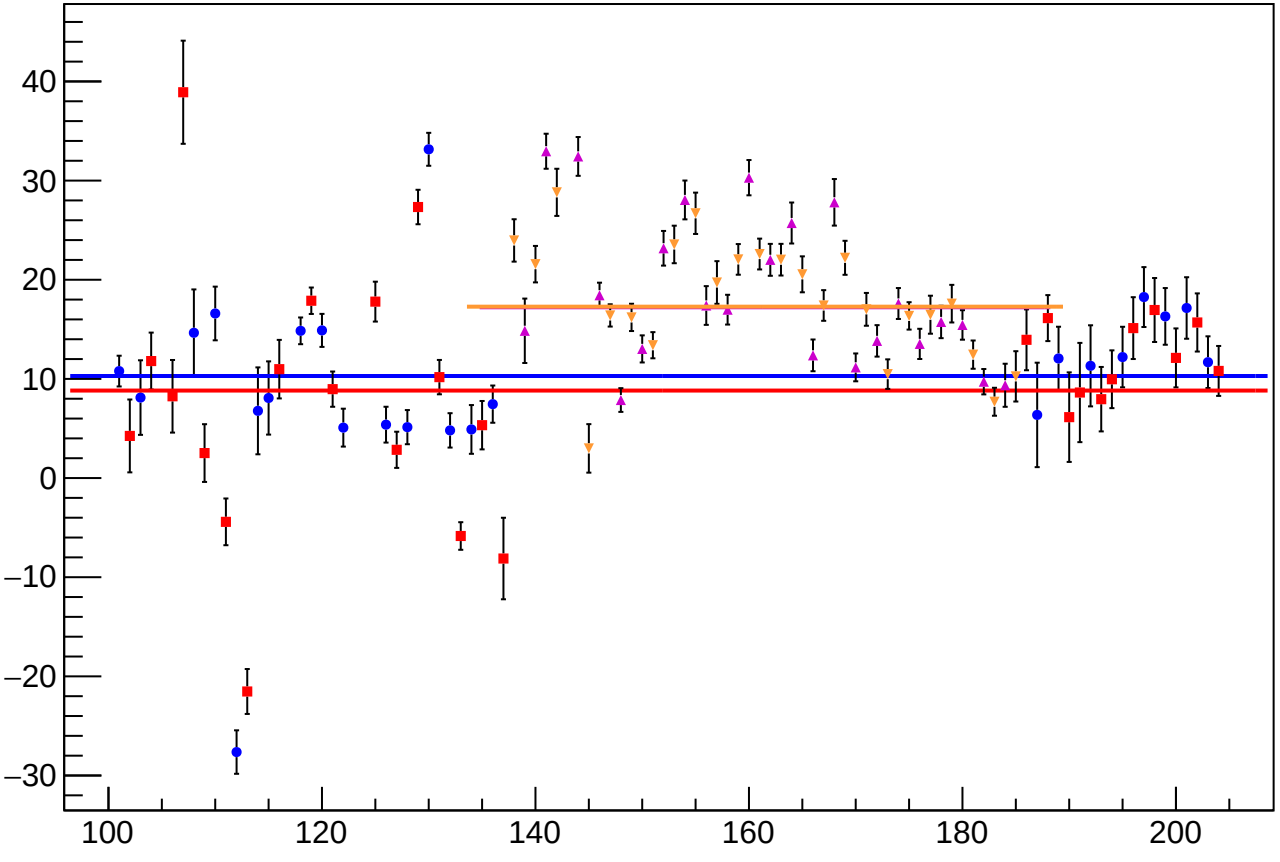
Right: 16.298+/-0.344 χ^2/NDF: 12836.0/51

In: 16.011+/-0.310 χ^2/NDF:6324.8/46

Out: 13.215+/-0.290 χ^2/NDF:8891.6/51

All: 14.520+/-0.212 χ^2/NDF: 15259.8/98

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.292+/-0.458 χ^2/NDF: 574.3/23

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.824+/-0.450 χ^2/NDF: 604.2/27

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

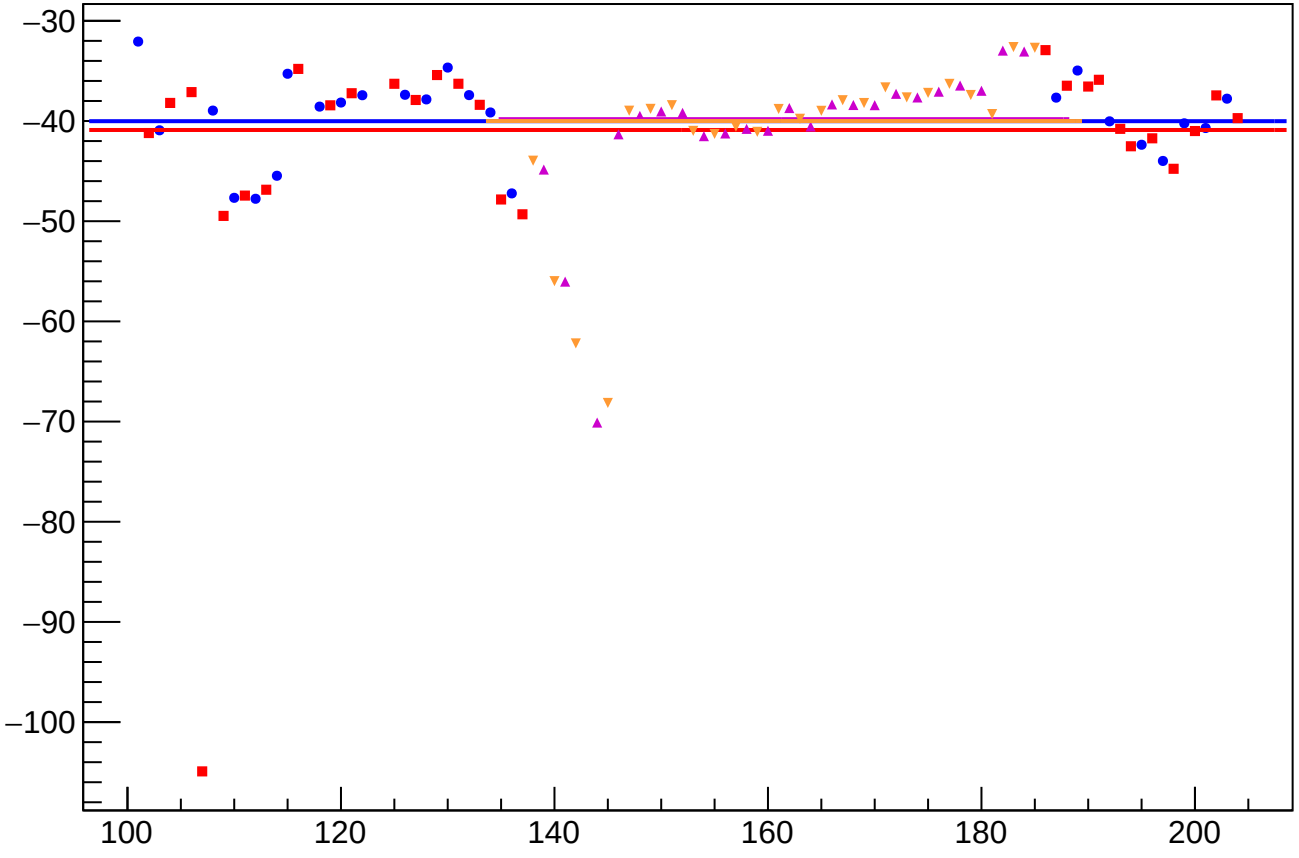
Right: 9.546+/-0.321 χ^2/NDF: 1183.7/51

In: 14.776+/-0.272 χ^2/NDF:1164.6/46

Out: 14.249+/-0.270 χ^2/NDF:1074.3/51

All: 14.510+/-0.192 χ^2/NDF: 2240.9/98

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.016+/-0.024 χ^2/NDF: 30902.9/23

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.895+/-0.022 χ^2/NDF: 103112.5/27

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

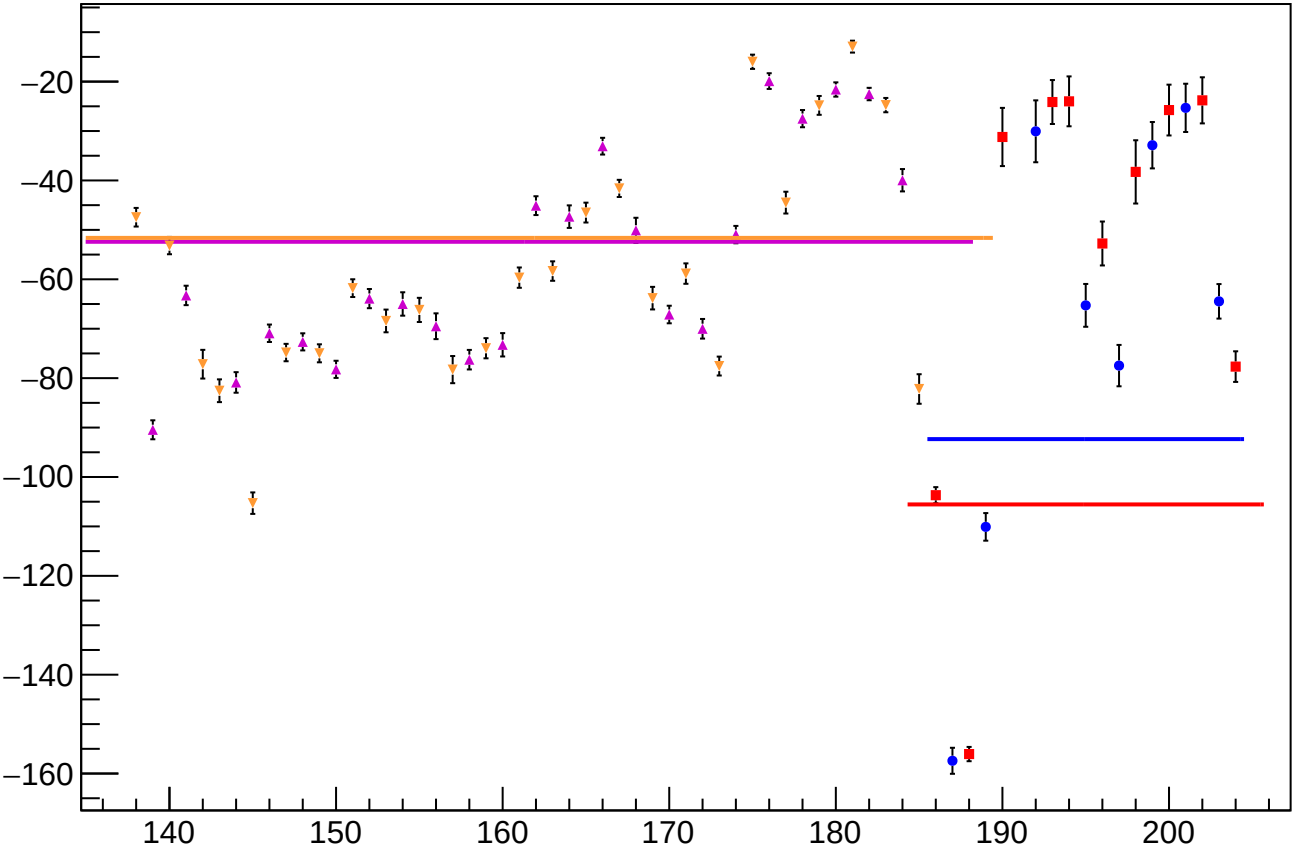
Right: -40.486+/-0.016 χ^2/NDF: 134748.8/51

In: -39.874+/-0.013 χ^2/NDF:176744.7/46

Out: -40.302+/-0.013 χ^2/NDF:276343.7/51

All: -40.091+/-0.009 χ^2/NDF: 453634.9/98

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -92.335+/-1.315 χ^2/NDF: 1215.4/7

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -105.551+/-0.900 χ^2/NDF: 2859.0/9

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

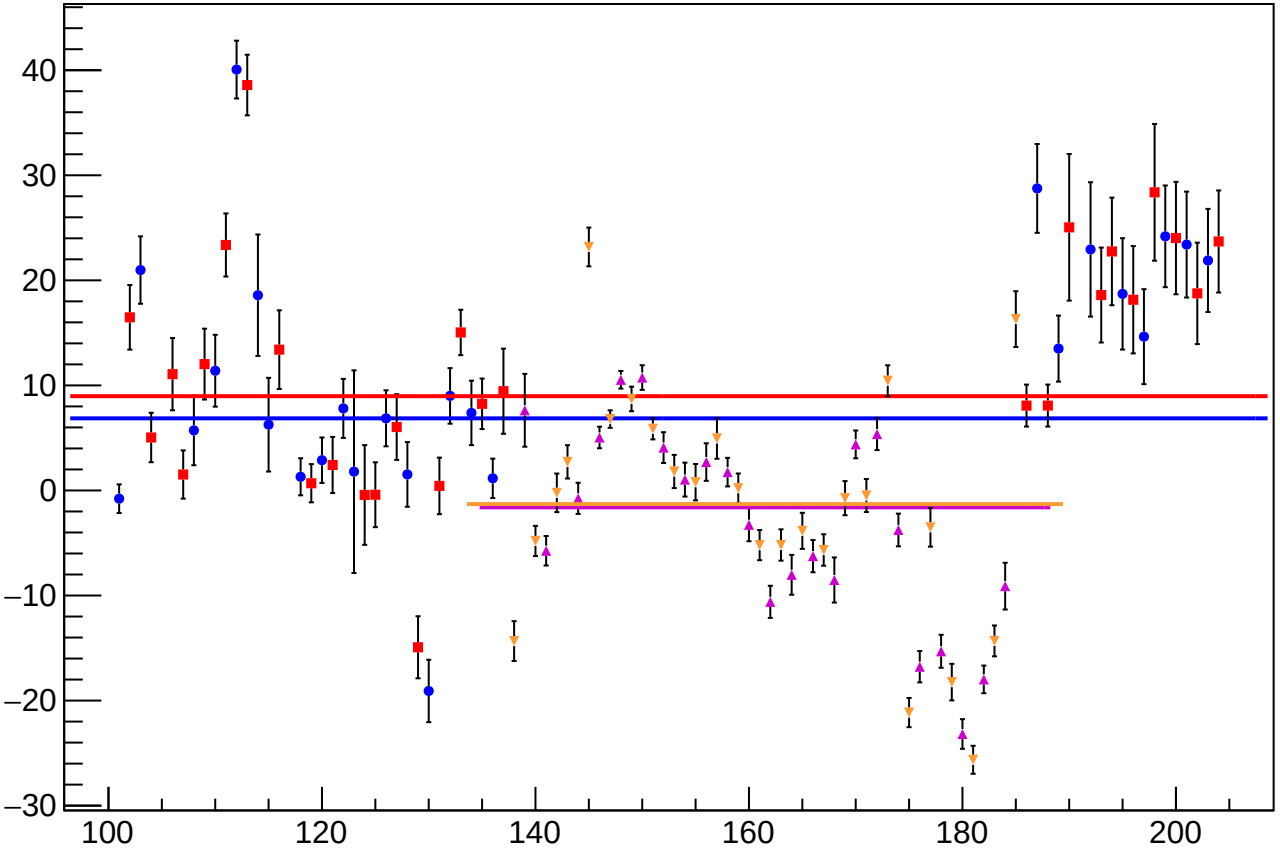
Right: -101.340+/-0.743 χ^2/NDF: 4143.2/17

In: -55.592+/-0.371 χ^2/NDF:5441.9/30

Out: -59.916+/-0.353 χ^2/NDF:10033.7/34

All: -57.865+/-0.256 χ^2/NDF: 15546.8/65

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.864+/-0.579 χ^2/NDF: 383.9/24

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 8.973+/-0.565 χ^2/NDF: 325.3/27

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

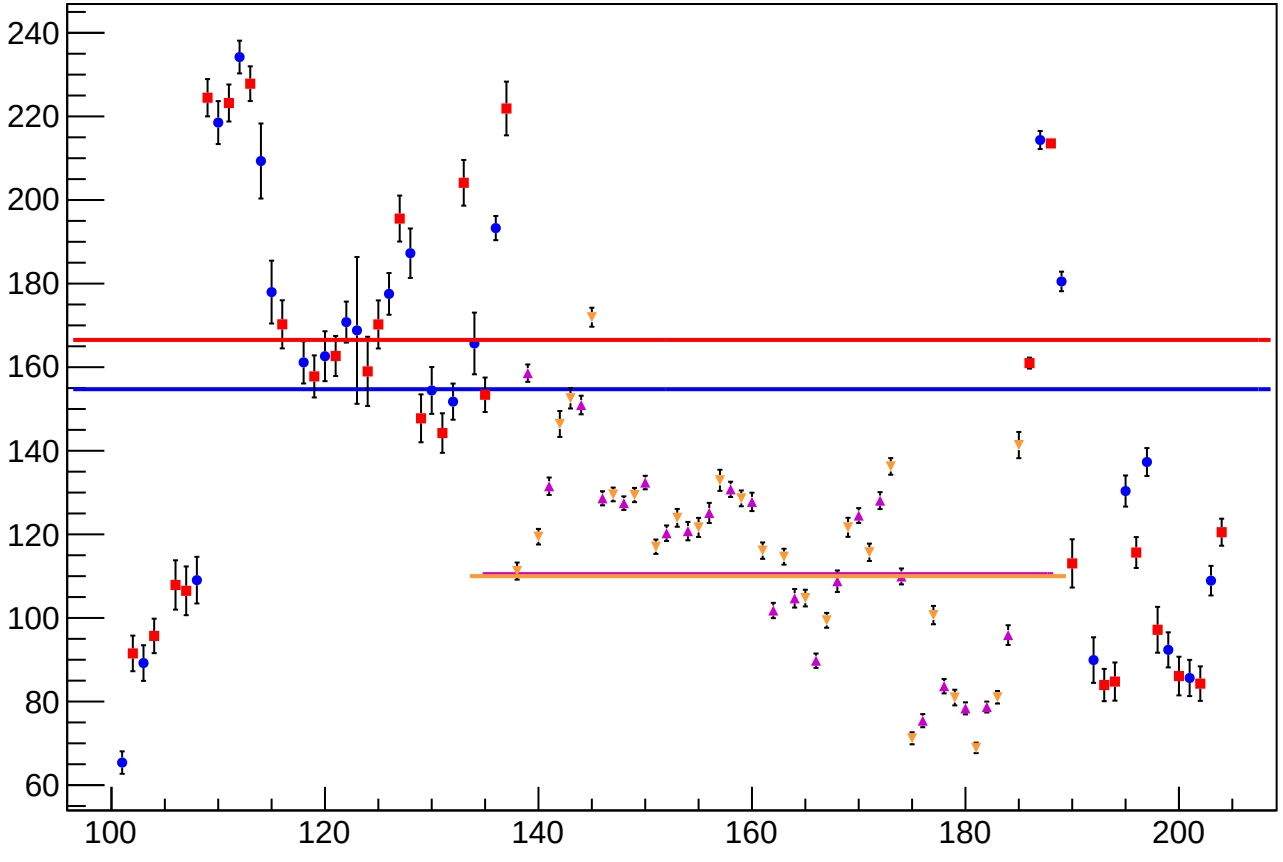
Right: 7.945+/-0.404 χ^2/NDF: 716.0/52

In: 0.180+/-0.266 χ^2/NDF:1650.1/47

Out: 0.873+/-0.260 χ^2/NDF:1902.0/52

All: 0.535+/-0.186 χ^2/NDF: 3555.6/100

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 154.732+/-0.804 χ^2/NDF: 4005.0/24

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 166.523+/-0.633 χ^2/NDF: 5330.6/27

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

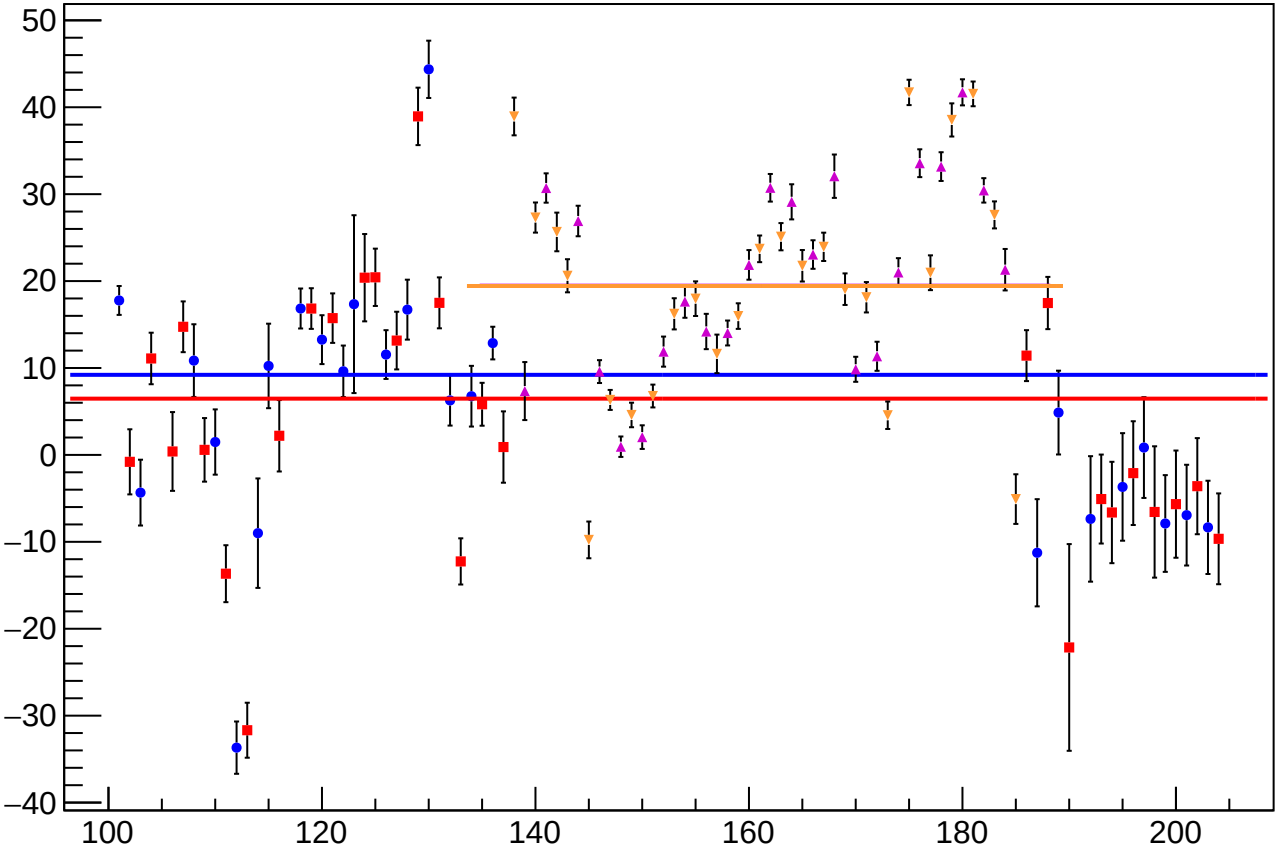
Right: 162.015+/-0.497 χ^2/NDF: 9468.3/52

In: 118.718+/-0.347 χ^2/NDF:10292.5/47

Out: 125.145+/-0.328 χ^2/NDF:15704.6/52

All: 122.117+/-0.238 χ^2/NDF: 26178.5/100

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.213+/-0.673 χ^2/NDF: 445.0/24

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 6.474+/-0.671 χ^2/NDF: 478.9/27

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

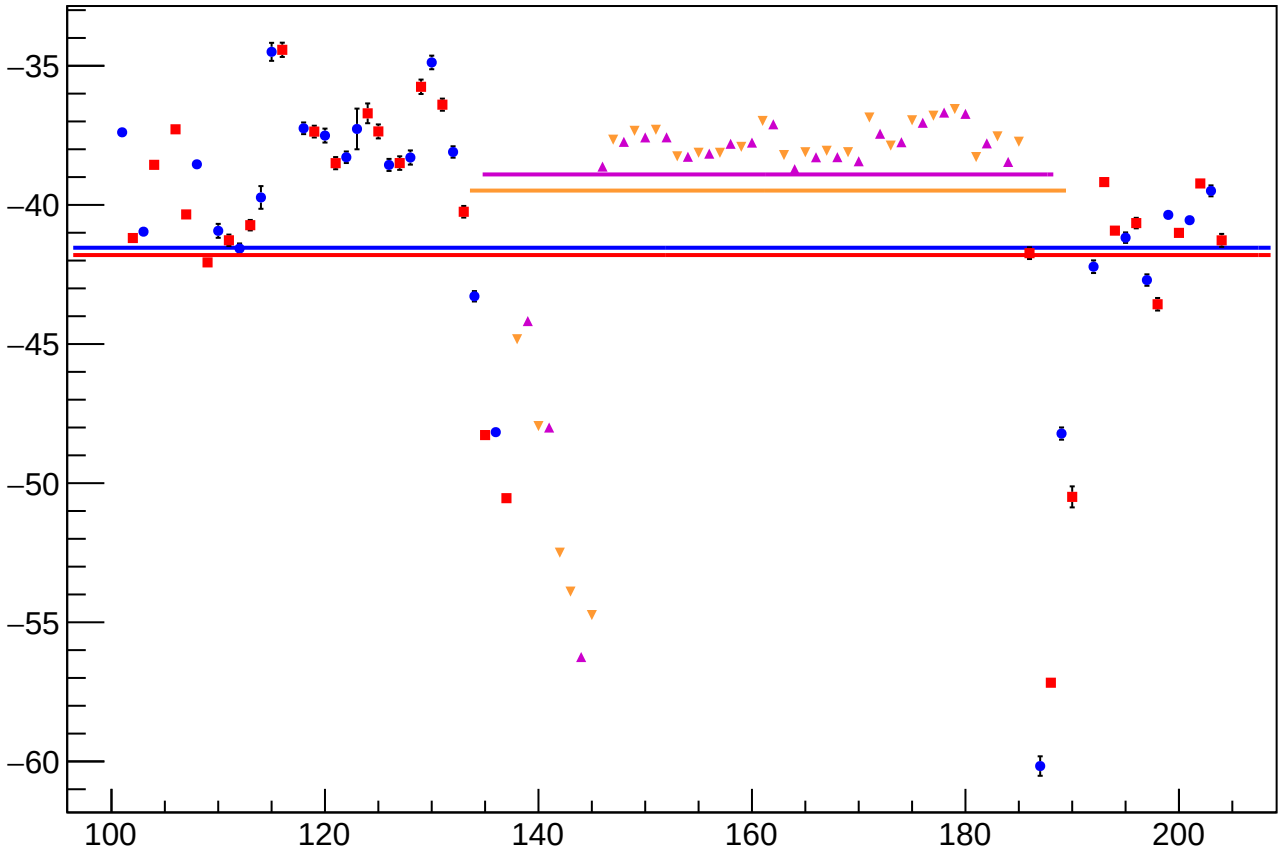
Right: 7.838+/-0.475 χ^2/NDF: 932.2/52

In: 17.372+/-0.305 χ^2/NDF:1817.8/47

Out: 16.840+/-0.300 χ^2/NDF:2229.8/52

All: 17.102+/-0.214 χ^2/NDF: 4049.2/100

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.539+/-0.034 χ^2/NDF: 16616.6/24

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.802+/-0.033 χ^2/NDF: 22703.6/27

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

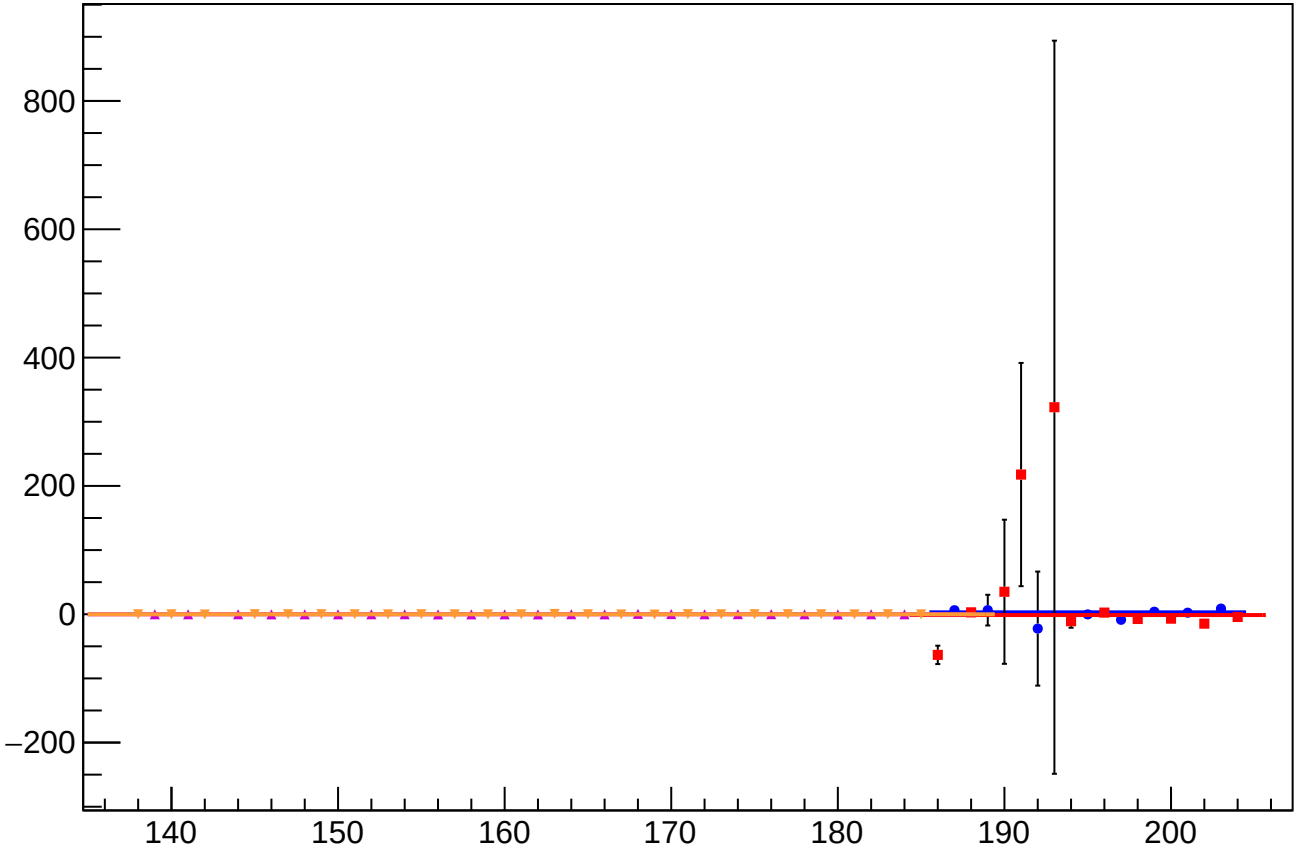
Right: -41.676+/-0.023 χ^2/NDF: 39351.6/52

In: -39.378+/-0.014 χ^2/NDF:75891.7/47

Out: -39.925+/-0.014 χ^2/NDF:115690.3/52

All: -39.654+/-0.010 χ^2/NDF: 192319.2/100

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.951+/-1.809 χ^2/NDF: 9.7/7

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: -1.253+/-1.486 χ^2/NDF: 34.1/10

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

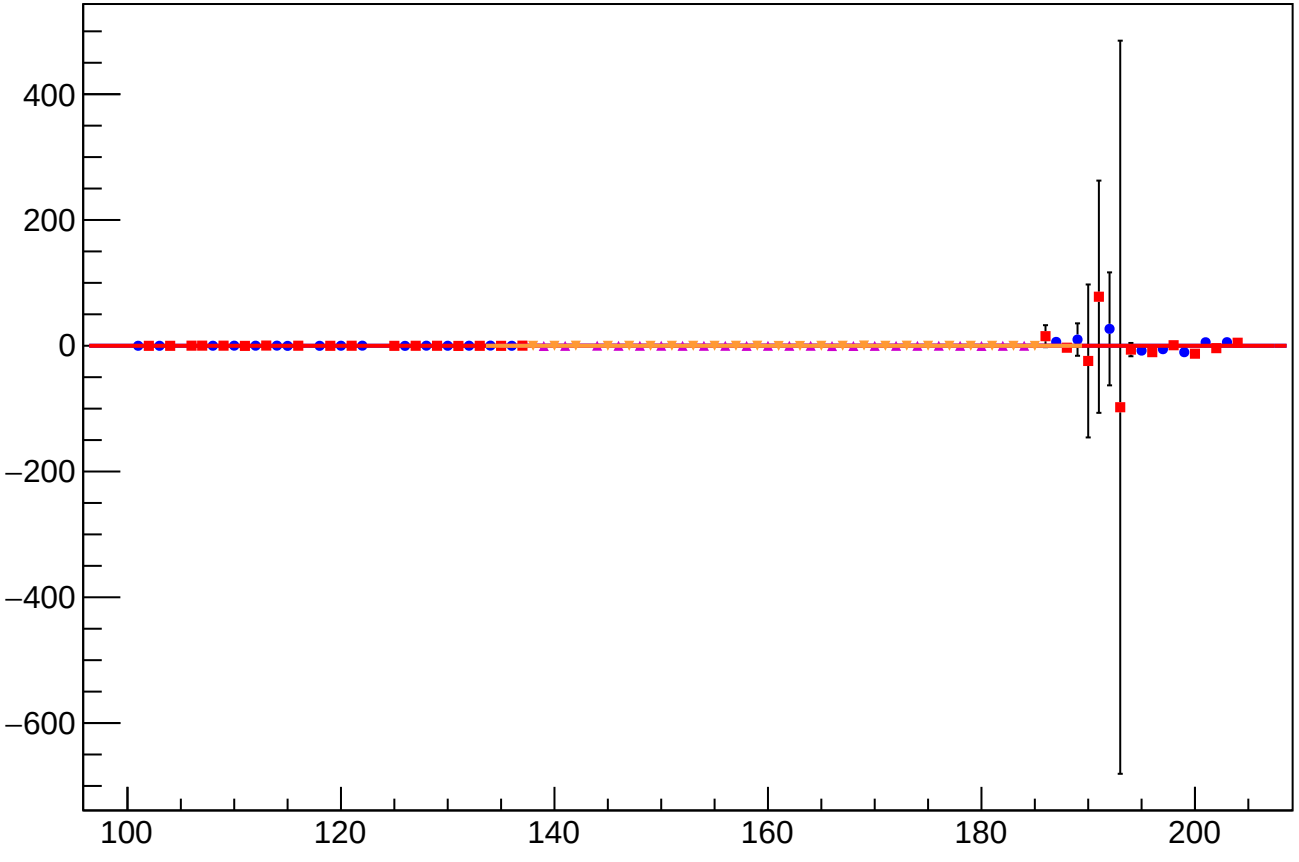
Right: 0.441+/-1.148 χ^2/NDF: 47.1/18

In: -0.025+/-0.022 χ^2/NDF:44.7/30

Out: -0.089+/-0.022 χ^2/NDF:74.8/34

All: -0.057+/-0.016 χ^2/NDF: 123.7/65

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.028 χ^2/NDF: 21.8/23

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 31.4/27

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

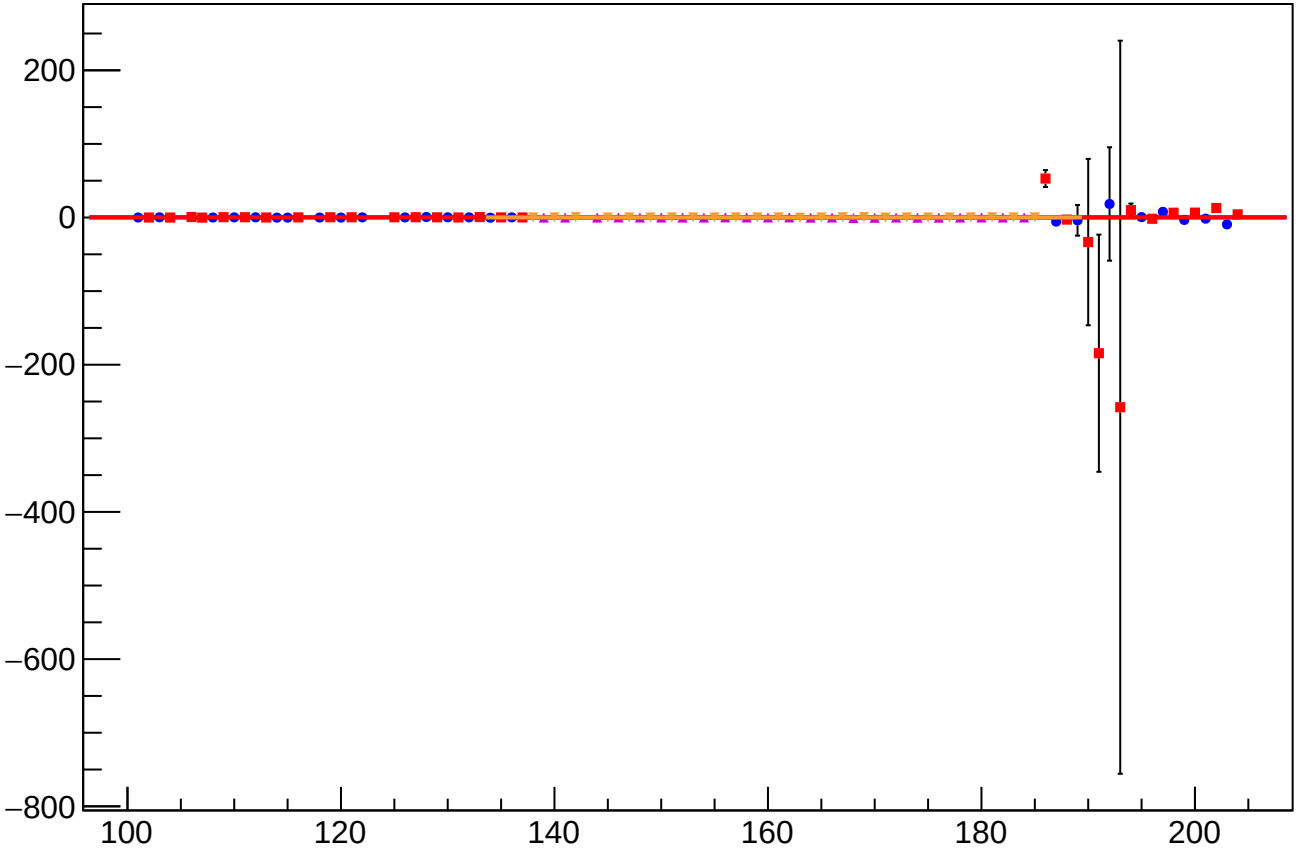
Right: -0.024+/-0.020 χ^2/NDF: 55.0/51

In: -0.039+/-0.015 χ^2/NDF:56.9/46

Out: -0.073+/-0.015 χ^2/NDF:58.0/51

All: -0.056+/-0.011 χ^2/NDF: 117.5/98

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.168+/-0.052 χ^2/NDF: 28.0/23

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.241+/-0.054 χ^2/NDF: 54.1/27

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

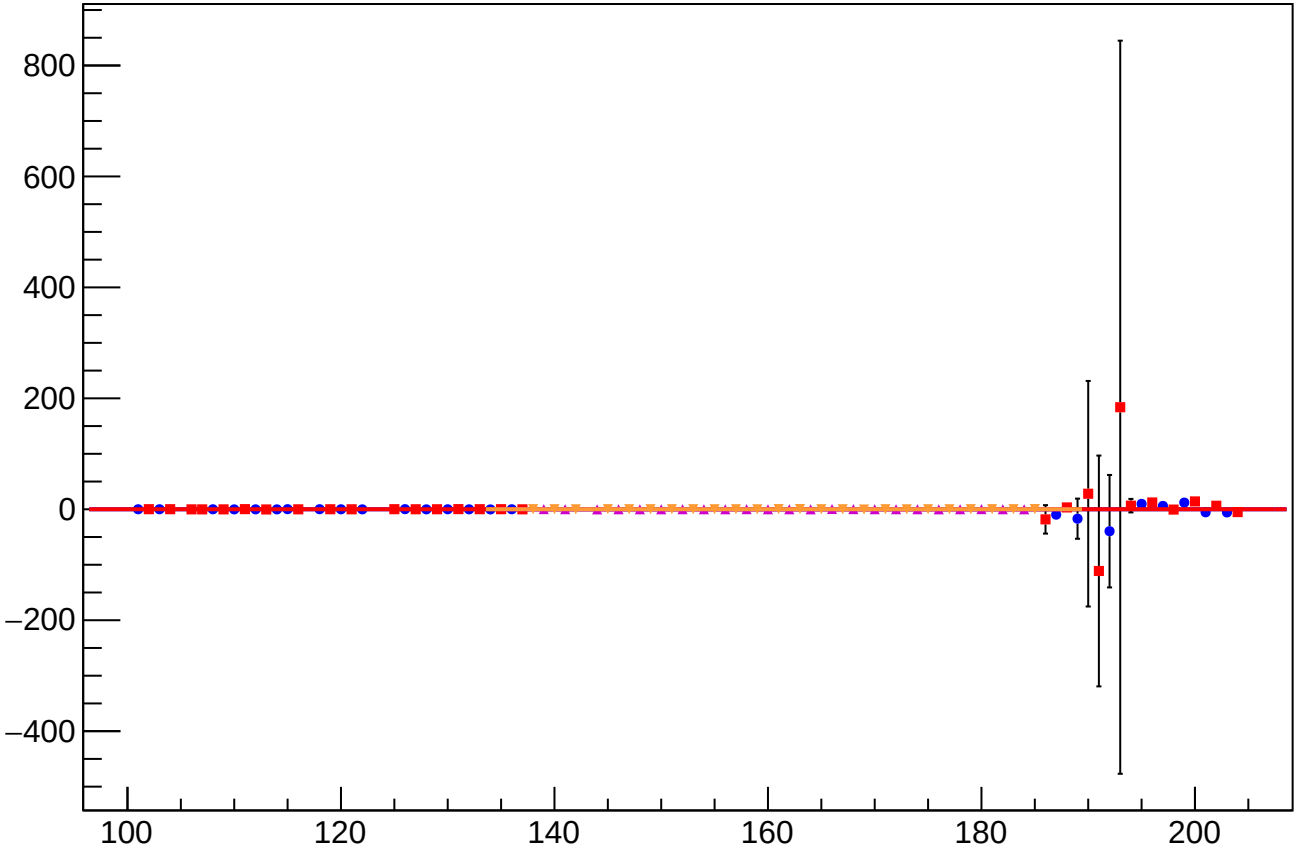
Right: 0.203+/-0.038 χ^2/NDF: 83.1/51

In: 0.043+/-0.020 χ^2/NDF:69.3/46

Out: 0.104+/-0.020 χ^2/NDF:100.3/51

All: 0.073+/-0.014 χ^2/NDF: 174.2/98

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 23.3/23

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.060+/-0.034 χ^2/NDF: 30.2/27

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

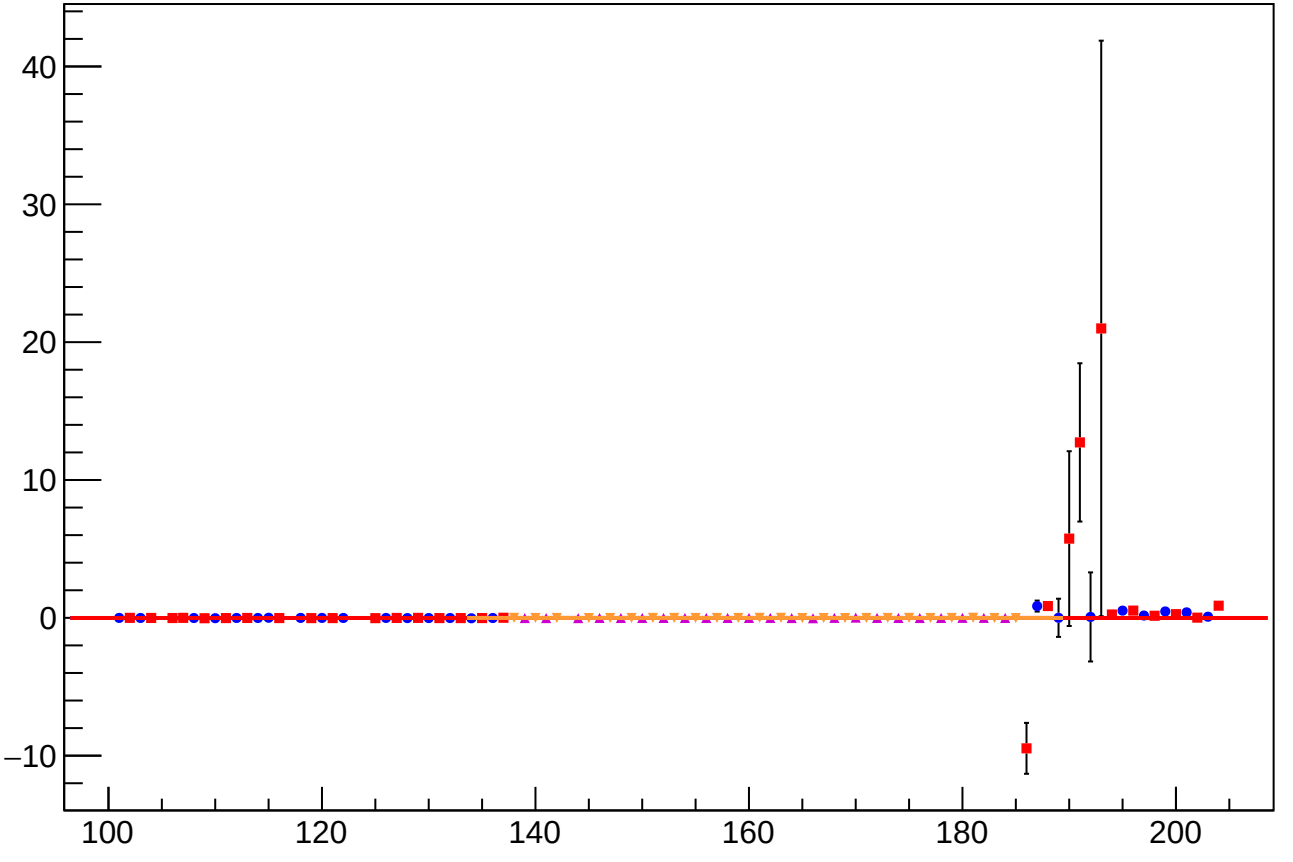
Right: 0.023+/-0.023 χ^2/NDF: 55.7/51

In: 0.050+/-0.017 χ^2/NDF:59.7/46

Out: 0.094+/-0.017 χ^2/NDF:61.0/51

All: 0.072+/-0.012 χ^2/NDF: 124.1/98

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 35.1/23

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 88.6/27

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

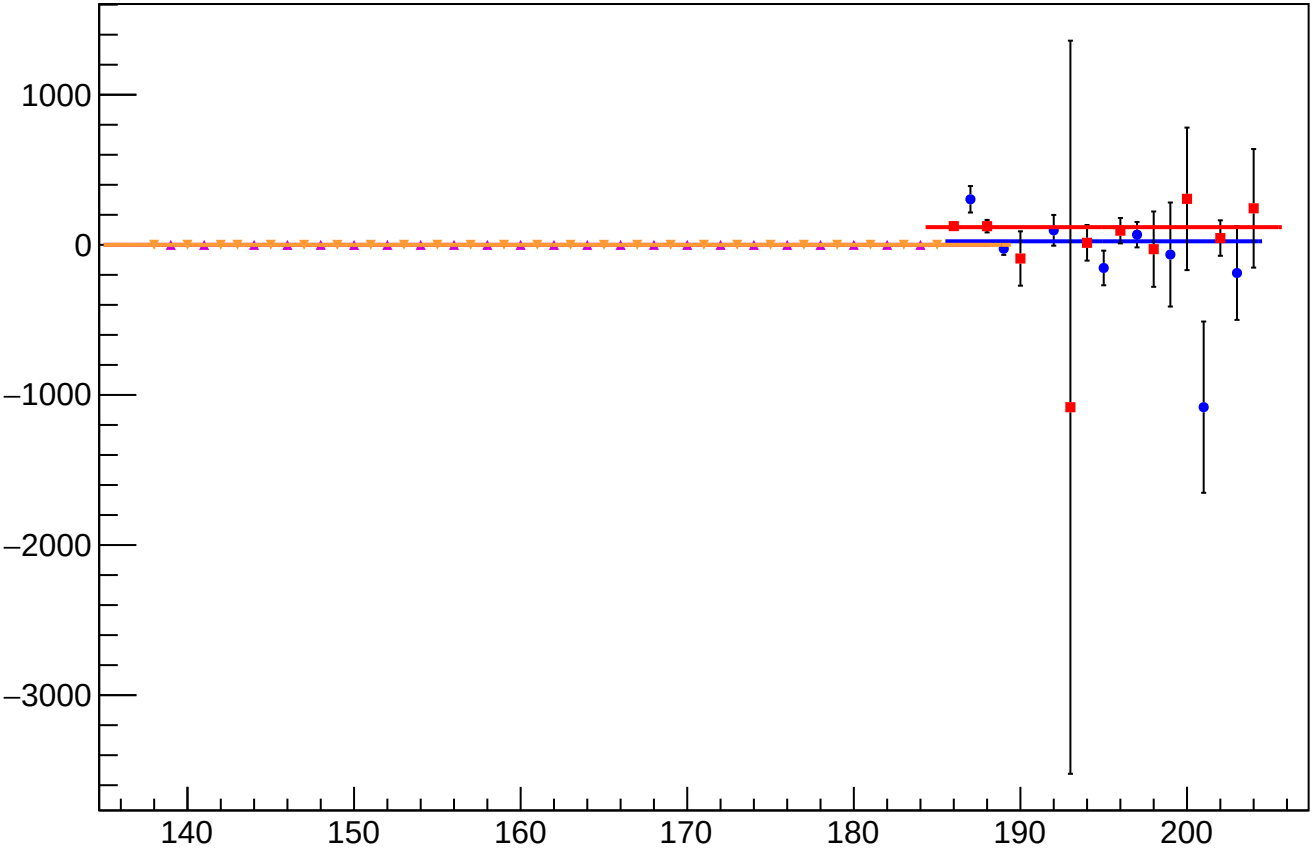
Right: -0.011+/-0.001 χ^2/NDF: 123.8/51

In: -0.009+/-0.001 χ^2/NDF:79.2/46

Out: -0.009+/-0.001 χ^2/NDF:121.0/51

All: -0.009+/-0.001 χ^2/NDF: 200.8/98

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.538+/-30.774 χ^2/NDF: 19.0/7

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 117.846+/-16.353 χ^2/NDF: 3.6/9

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

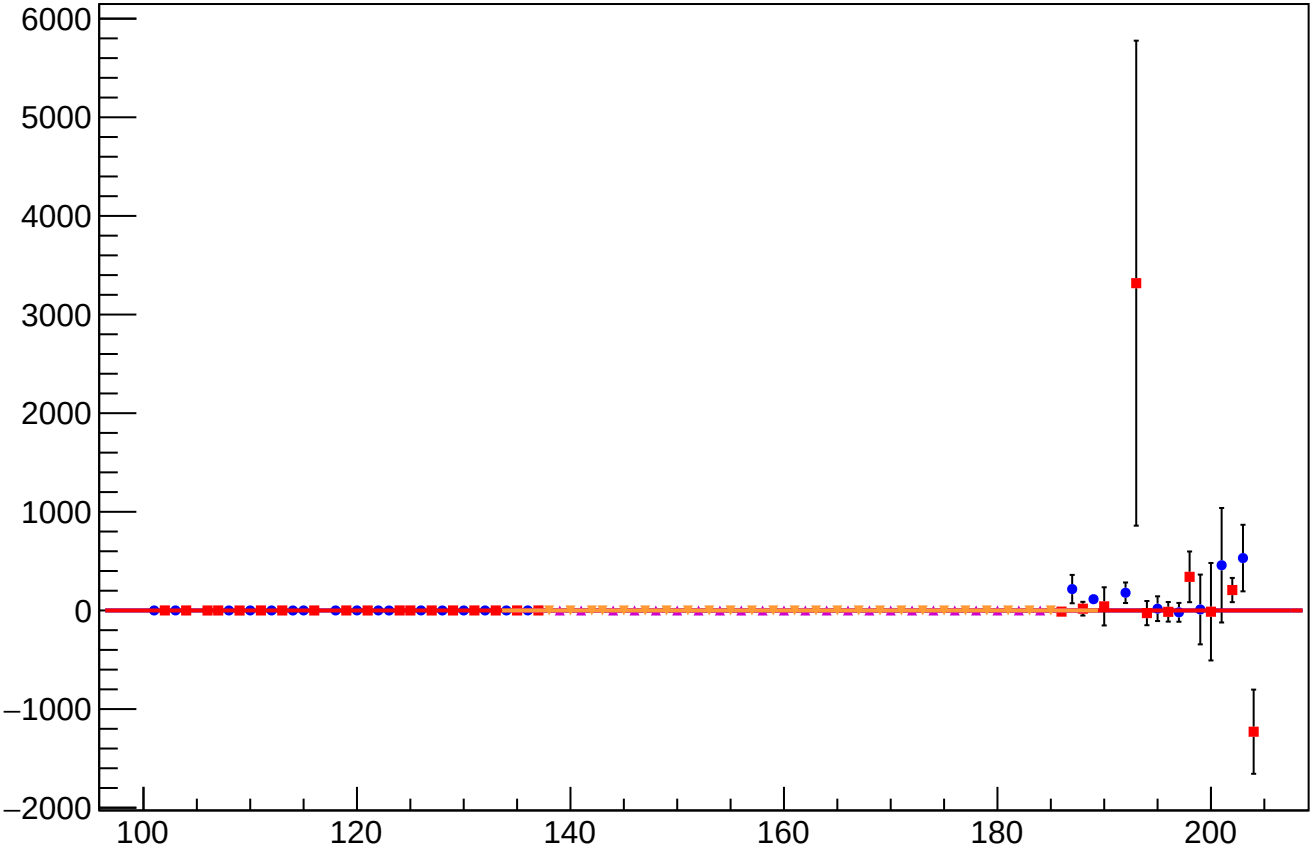
Right: 97.080+/-14.441 χ^2/NDF: 29.8/17

In: 0.004+/-0.028 χ^2/NDF:47.7/30

Out: 0.014+/-0.027 χ^2/NDF:84.6/34

All: 0.009+/-0.019 χ^2/NDF: 132.4/65

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 37.7/24

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 32.6/27

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

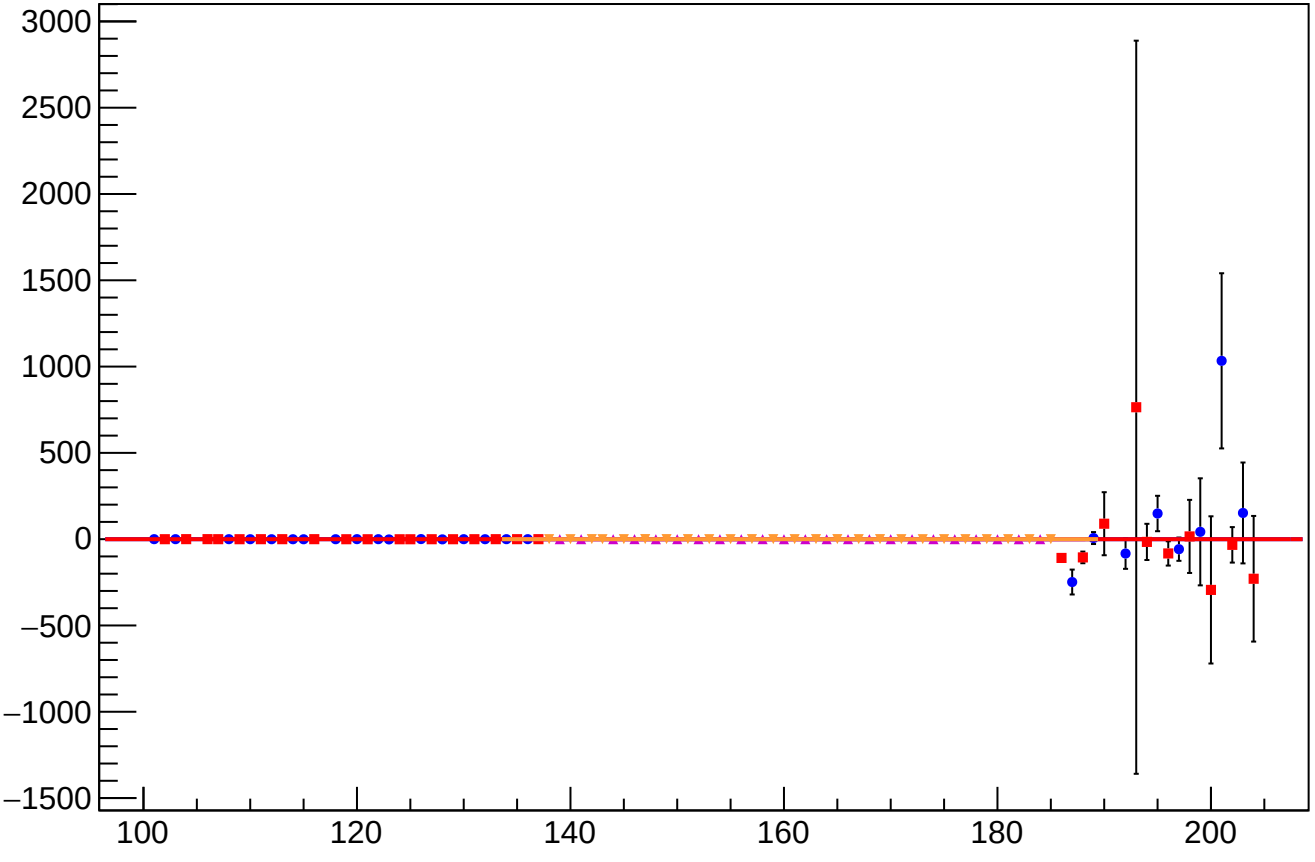
Right: -0.072+/-0.027 χ^2/NDF: 74.0/52

In: -0.059+/-0.019 χ^2/NDF:87.7/47

Out: -0.074+/-0.019 χ^2/NDF:60.5/52

All: -0.066+/-0.013 χ^2/NDF: 148.4/100

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.067 χ^2/NDF: 43.8/24

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 70.6/27

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

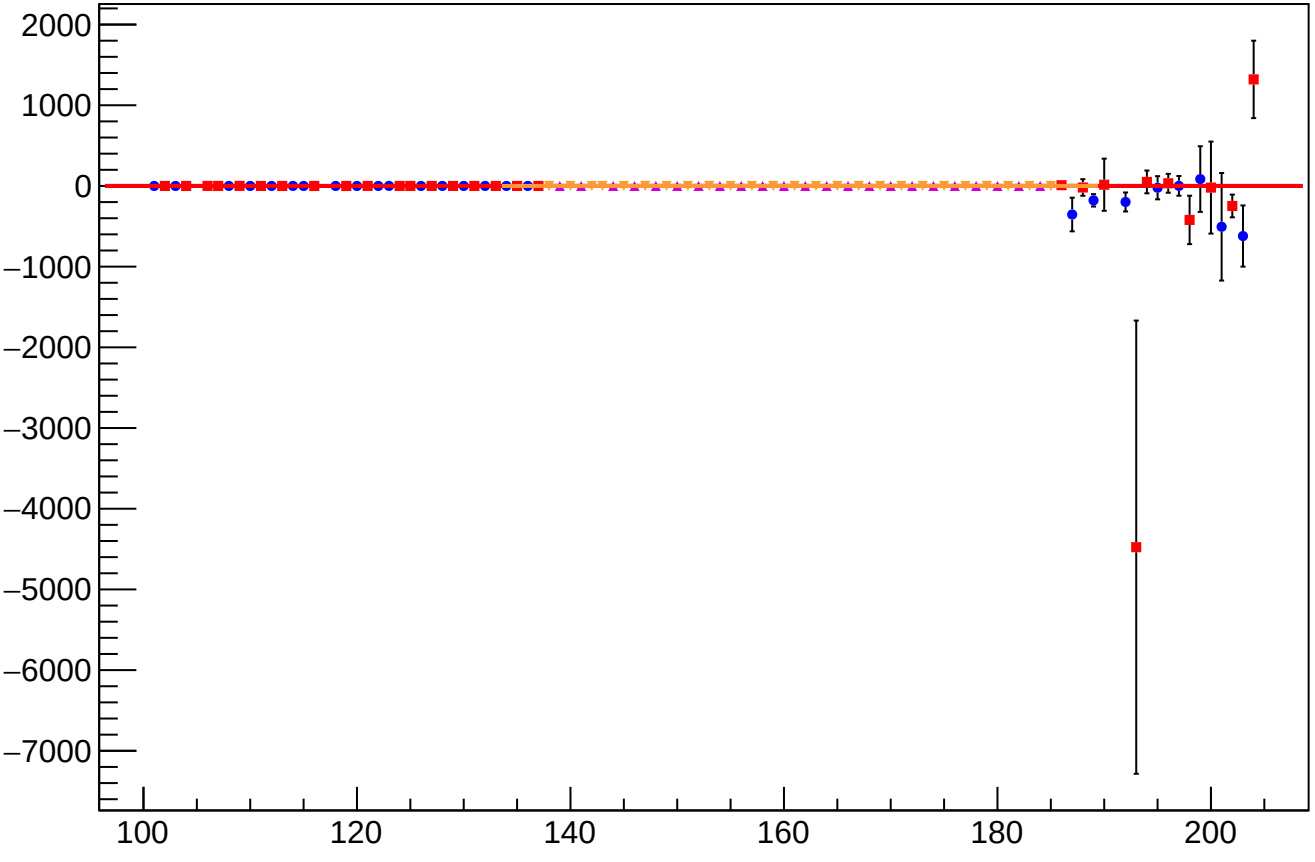
Right: -0.151+/-0.049 χ^2/NDF: 114.6/52

In: -0.048+/-0.025 χ^2/NDF:73.2/47

Out: -0.035+/-0.025 χ^2/NDF:102.1/52

All: -0.042+/-0.018 χ^2/NDF: 175.5/100

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 37.0/24

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 31.3/27

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

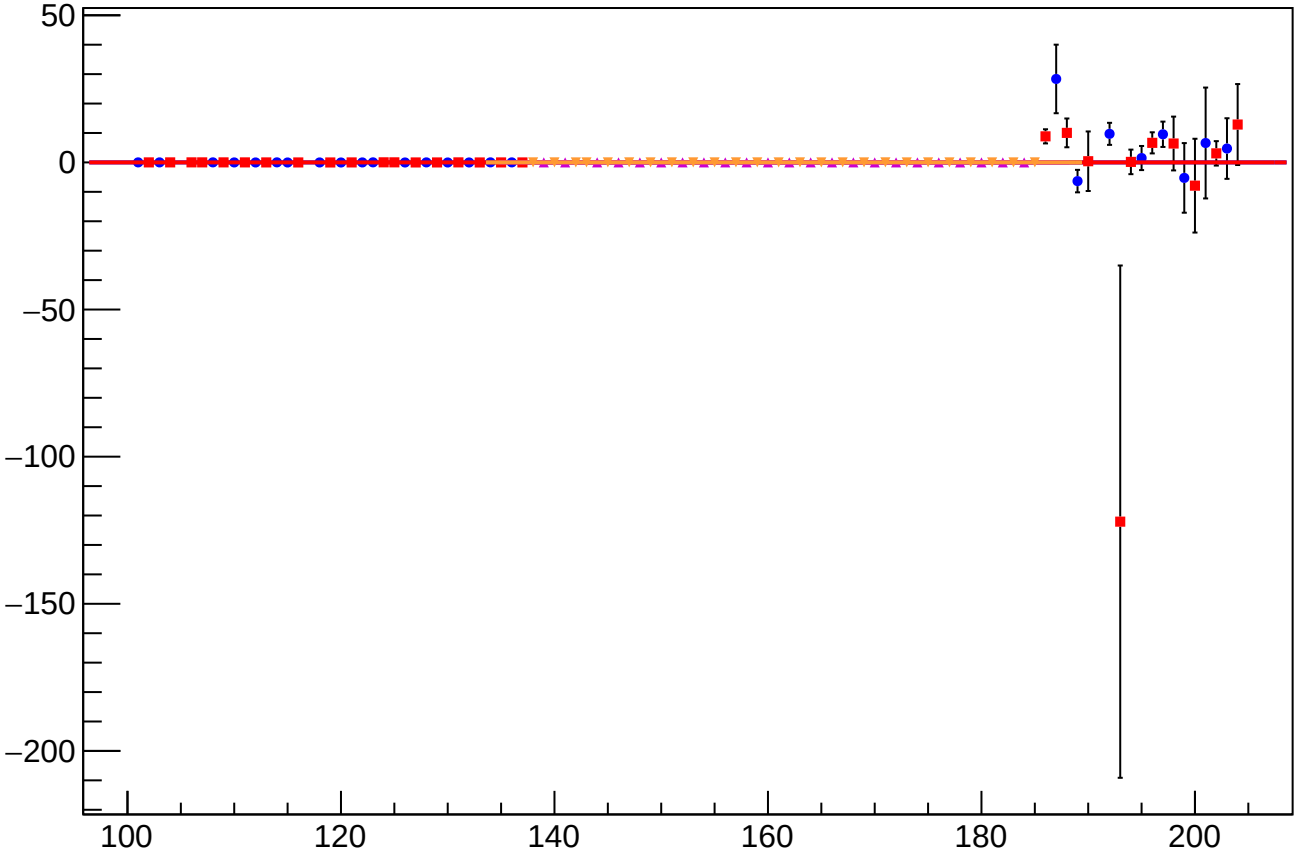
Right: 0.082+/-0.031 χ^2/NDF: 72.7/52

In: 0.057+/-0.021 χ^2/NDF:89.4/47

Out: 0.081+/-0.021 χ^2/NDF:59.4/52

All: 0.069+/-0.015 χ^2/NDF: 149.5/100

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 53.4/24

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 46.0/27

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

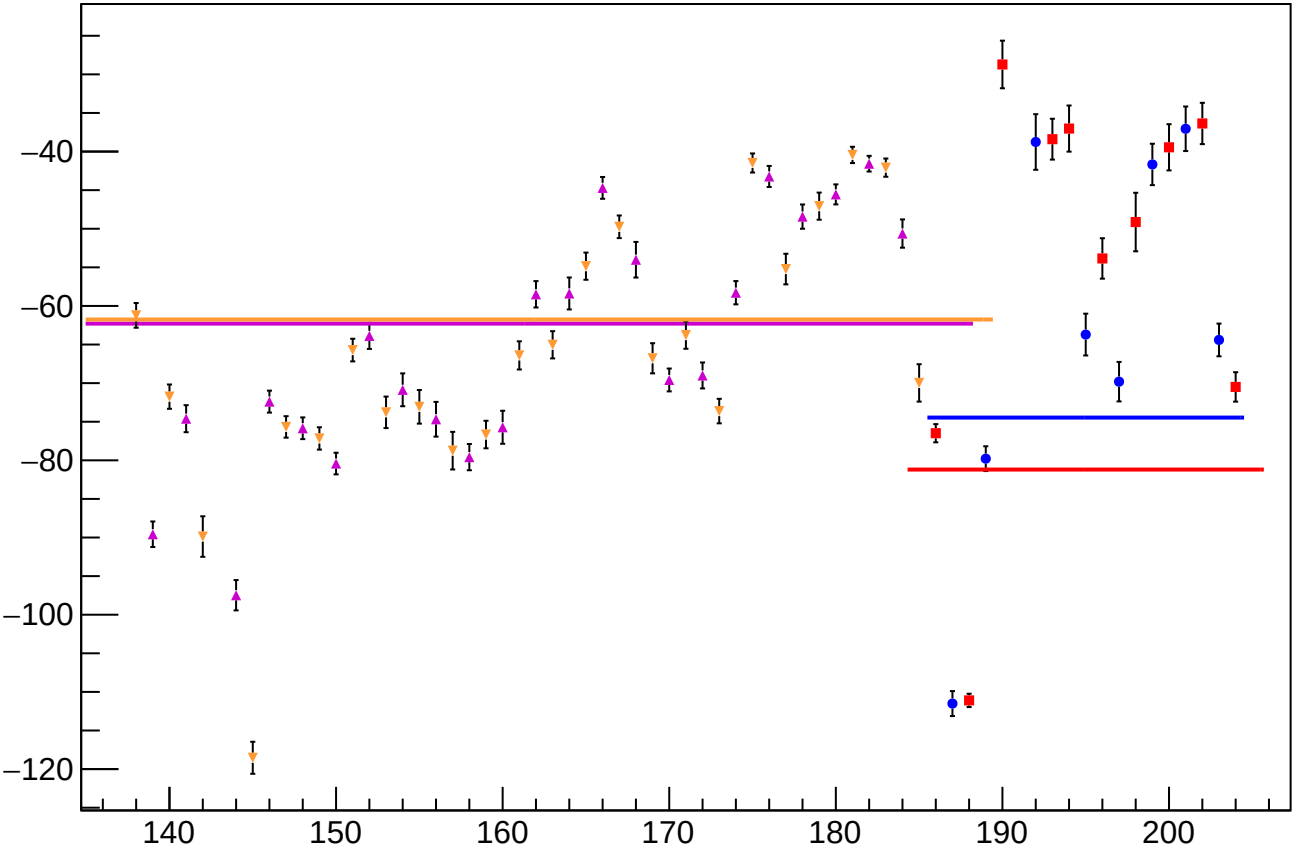
Right: 0.002+/-0.002 χ^2/NDF: 99.5/52

In: 0.008+/-0.001 χ^2/NDF:79.3/47

Out: 0.007+/-0.001 χ^2/NDF:77.2/52

All: 0.007+/-0.001 χ^2/NDF: 156.5/100

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -74.462+/-0.786 χ^2/NDF: 993.3/7

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -81.196+/-0.562 χ^2/NDF: 2671.3/9

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

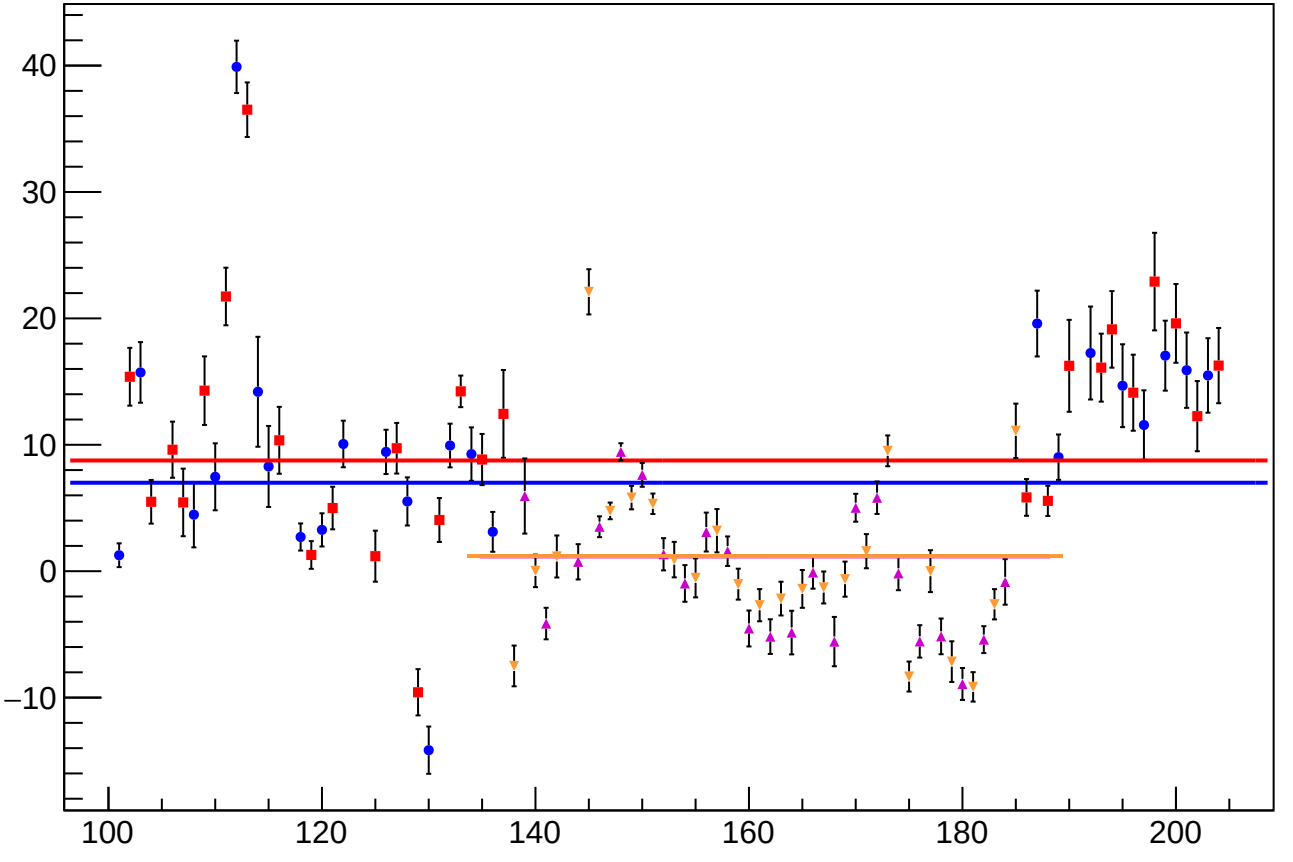
Right: -78.915+/-0.457 χ^2/NDF: 3713.2/17

In: -64.125+/-0.305 χ^2/NDF:3462.0/30

Out: -66.820+/-0.287 χ^2/NDF:6064.1/33

All: -65.555+/-0.209 χ^2/NDF: 9567.5/64

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.998+/-0.387 χ^2/NDF: 545.0/23

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.759+/-0.382 χ^2/NDF: 480.7/26

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

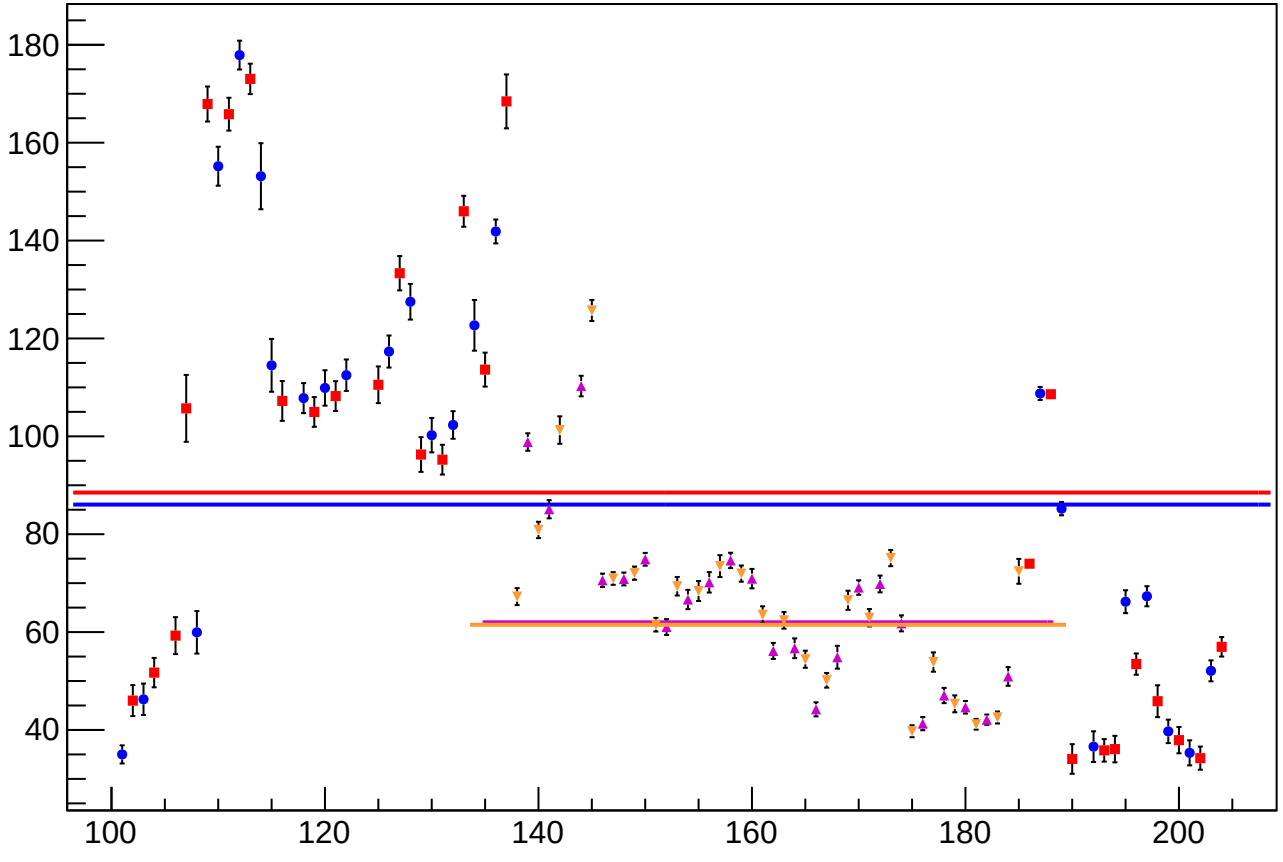
Right: 7.889+/-0.272 χ^2/NDF: 1036.2/50

In: 2.935+/-0.213 χ^2/NDF:1169.6/46

Out: 3.495+/-0.211 χ^2/NDF:1279.5/50

All: 3.218+/-0.150 χ^2/NDF: 2452.6/97

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 86.054+/-0.519 χ^2/NDF: 5066.2/23

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 88.511+/-0.411 χ^2/NDF: 6909.2/26

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

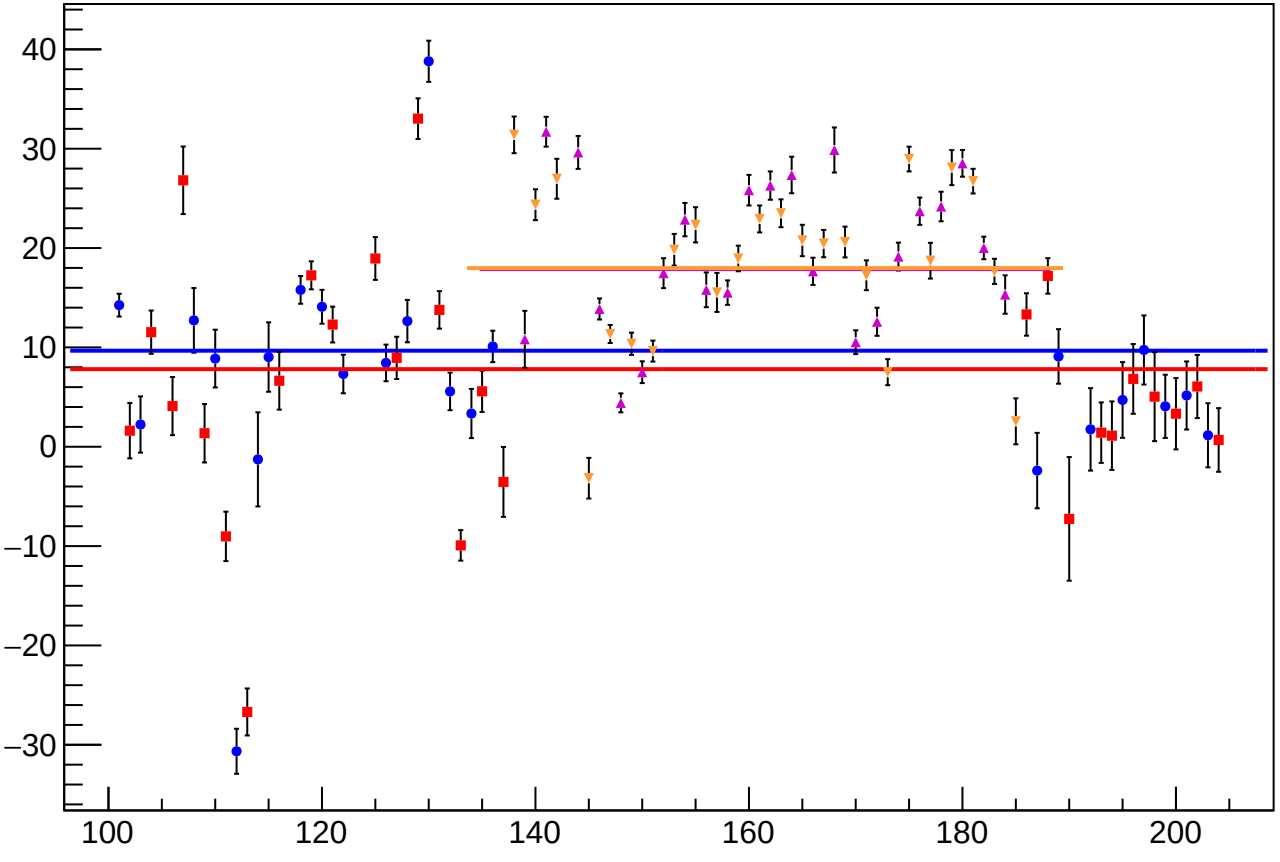
Right: 87.563+/-0.322 χ^2/NDF: 11989.1/50

In: 68.892+/-0.278 χ^2/NDF:9117.5/46

Out: 72.171+/-0.258 χ^2/NDF:12131.3/50

All: 70.650+/-0.189 χ^2/NDF: 21323.4/97

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.669+/-0.455 χ^2/NDF: 611.7/23

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.809+/-0.458 χ^2/NDF: 744.3/26

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

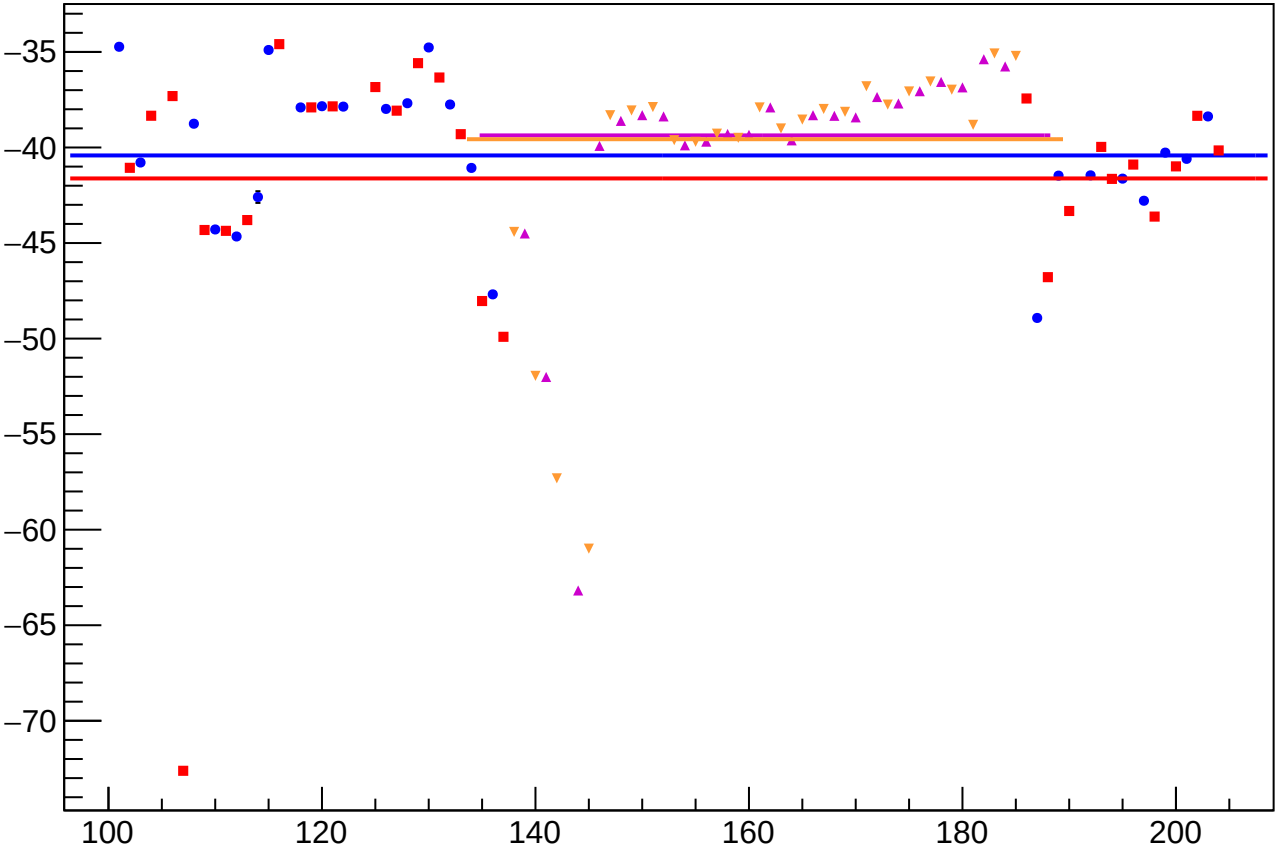
Right: 8.744+/-0.323 χ^2/NDF: 1364.3/50

In: 15.492+/-0.246 χ^2/NDF:1573.2/46

Out: 15.054+/-0.245 χ^2/NDF:1770.9/50

All: 15.273+/-0.174 χ^2/NDF: 3345.7/97

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.416+/-0.023 χ^2/NDF: 27784.6/23

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.620+/-0.022 χ^2/NDF: 66180.0/26

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

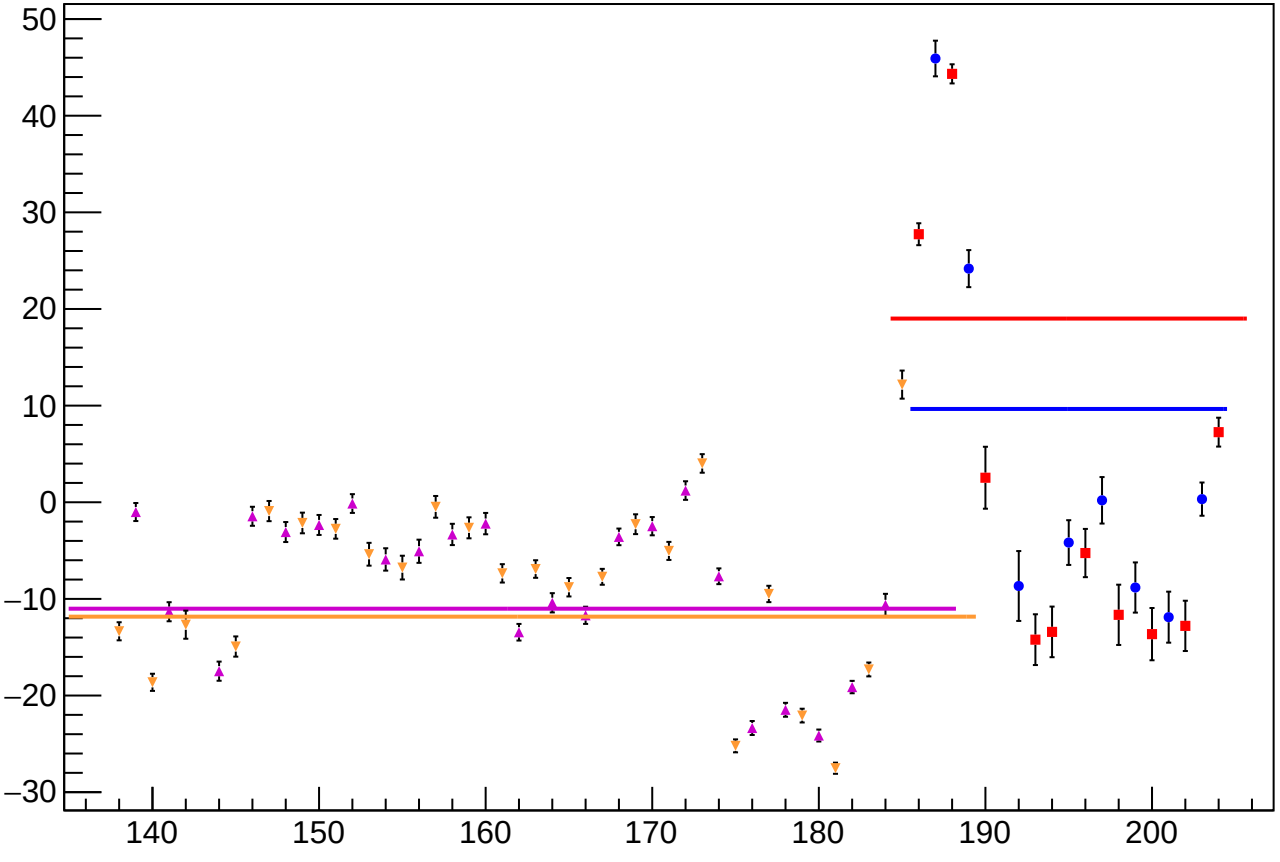
Right: -41.042+/-0.016 χ^2/NDF: 95358.3/50

In: -39.634+/-0.012 χ^2/NDF:147260.8/46

Out: -40.130+/-0.012 χ^2/NDF:213461.0/50

All: -39.882+/-0.008 χ^2/NDF: 361622.4/97

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.654+/-0.783 χ^2/NDF: 667.2/7

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 19.008+/-0.561 χ^2/NDF: 1601.1/9

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

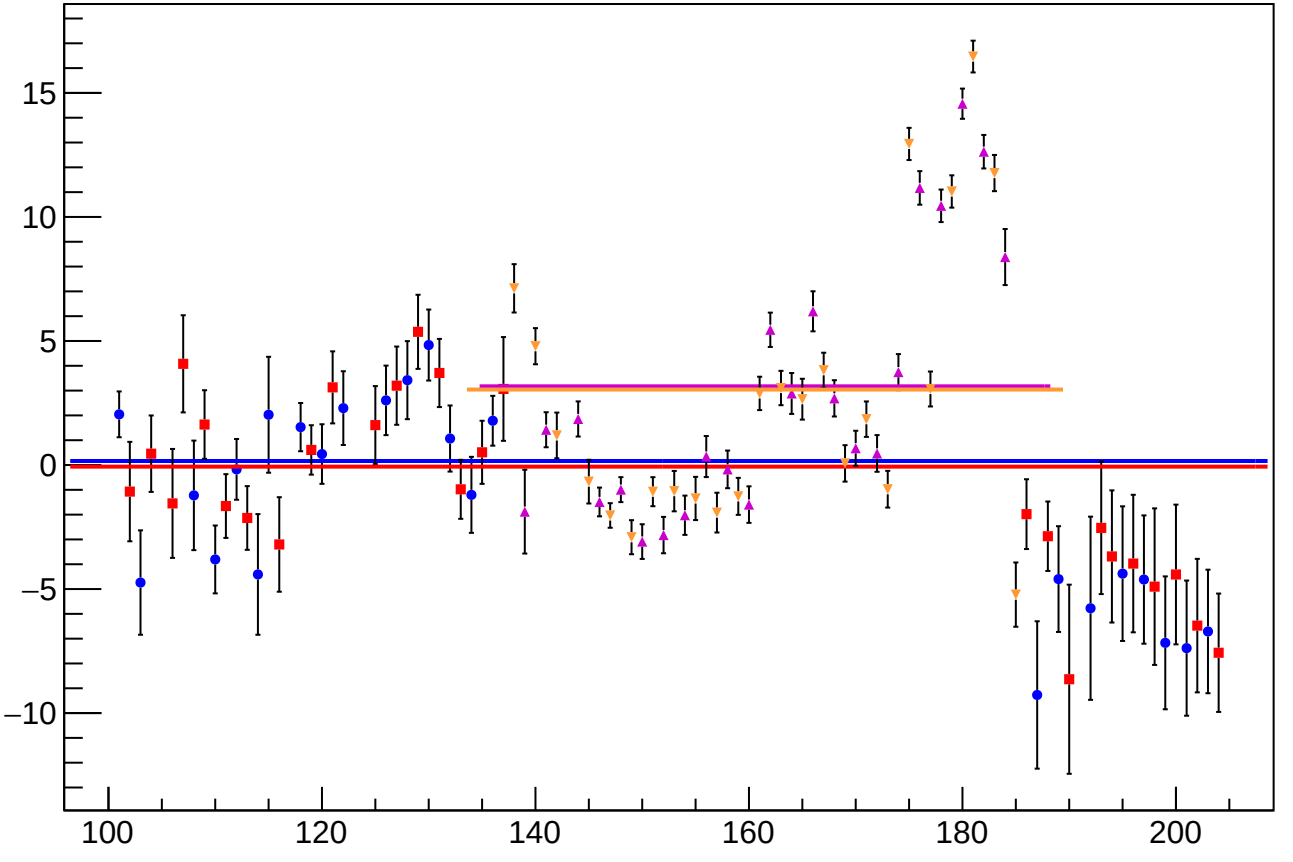
Right: 15.836+/-0.456 χ^2/NDF: 2362.6/17

In: -9.896+/-0.182 χ^2/NDF:3443.2/30

Out: -8.756+/-0.177 χ^2/NDF:7066.9/33

All: -9.311+/-0.127 χ^2/NDF: 10530.3/64

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.162+/-0.318 χ^2/NDF: 95.2/23

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: -0.065+/-0.316 χ^2/NDF: 84.1/26

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

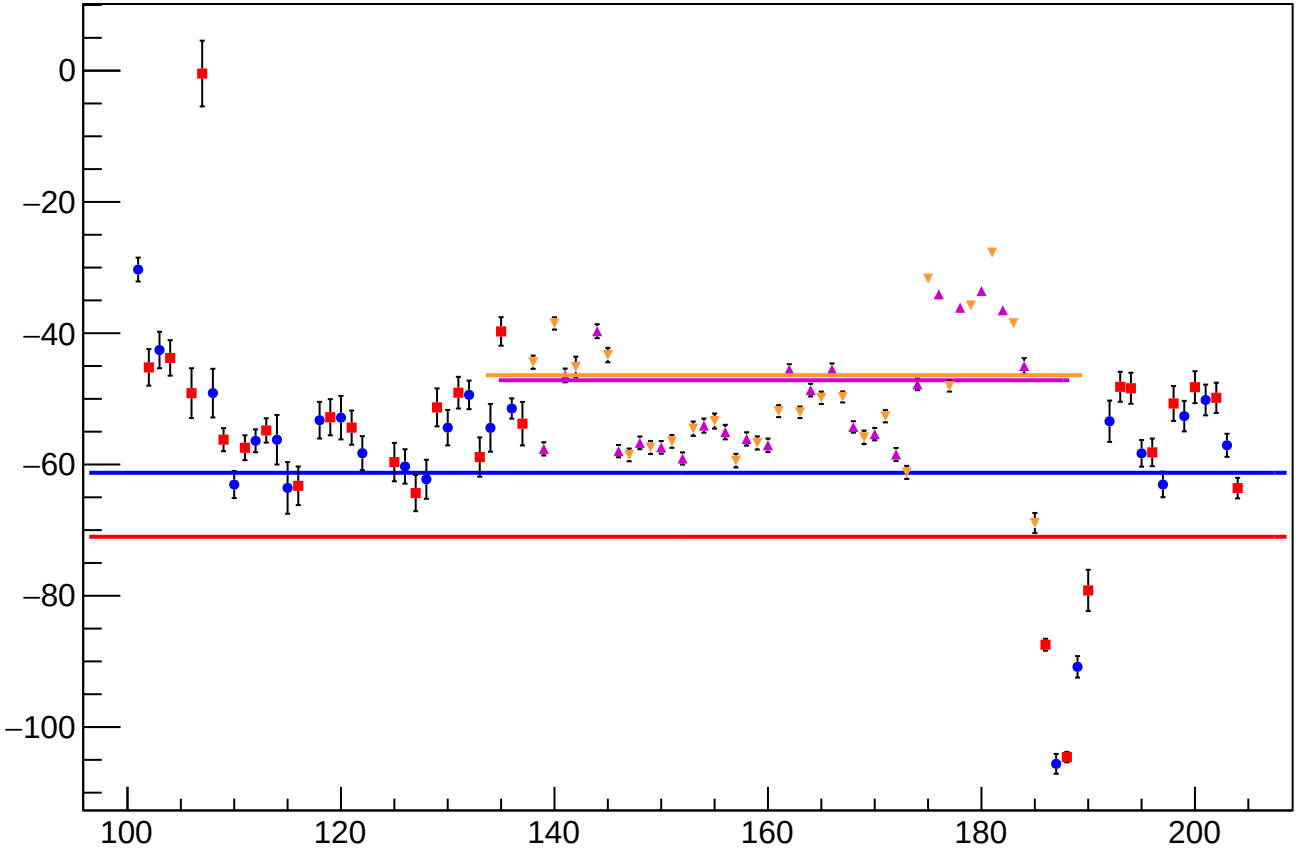
Right: 0.048+/-0.224 χ^2/NDF: 179.6/50

In: 2.627+/-0.135 χ^2/NDF:1466.4/46

Out: 2.485+/-0.134 χ^2/NDF:1616.0/50

All: 2.555+/-0.095 χ^2/NDF: 3082.9/97

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -61.263+/-0.457 χ^2/NDF: 1686.1/23

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -71.011+/-0.378 χ^2/NDF: 3695.4/26

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

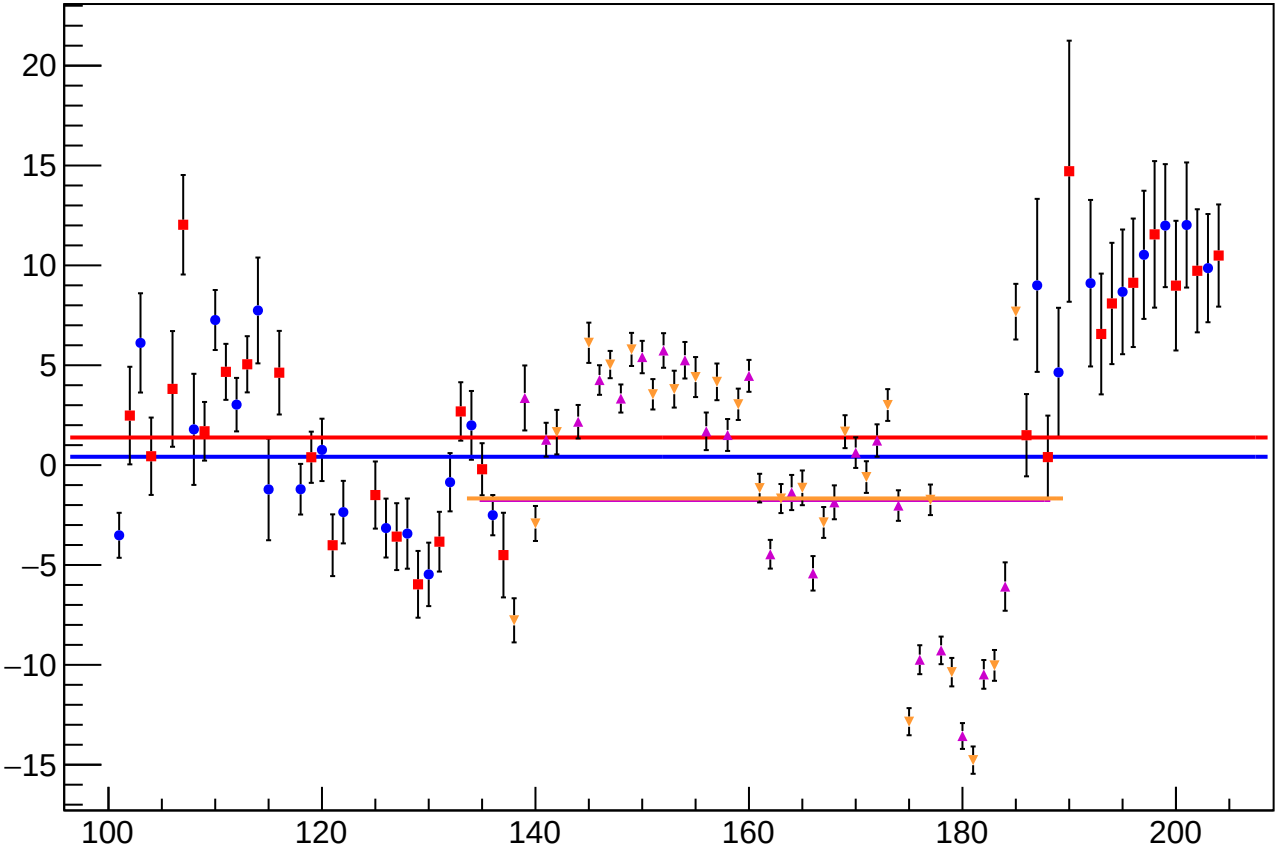
Right: -67.055+/-0.291 χ^2/NDF: 5651.4/50

In: -49.178+/-0.173 χ^2/NDF:5026.5/46

Out: -51.218+/-0.167 χ^2/NDF:10394.4/50

All: -50.231+/-0.120 χ^2/NDF: 15492.9/97

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.418+/-0.364 χ^2/NDF: 156.5/23

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 1.383+/-0.366 χ^2/NDF: 151.4/26

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

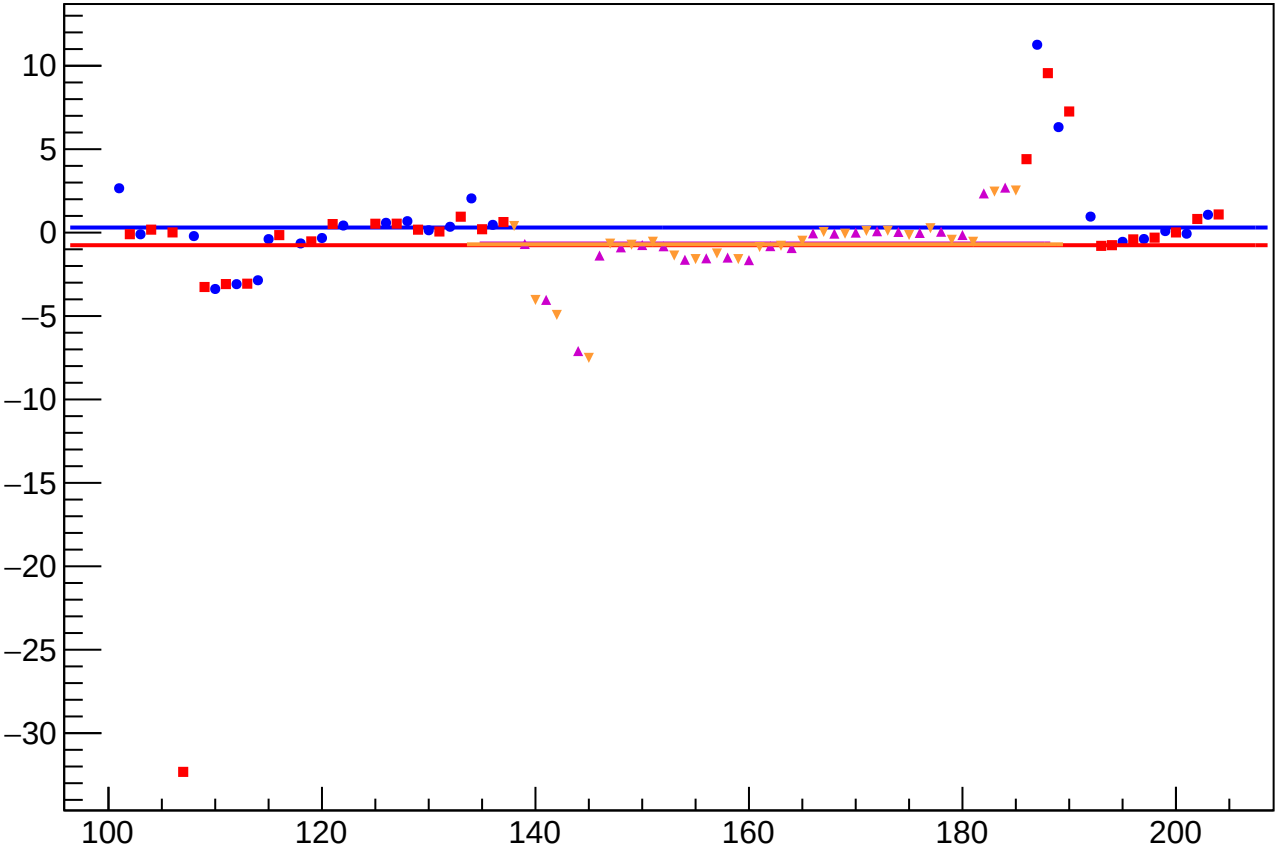
Right: 0.899+/-0.258 χ^2/NDF: 311.3/50

In: -1.365+/-0.153 χ^2/NDF:1439.6/46

Out: -1.142+/-0.152 χ^2/NDF:1688.3/50

All: -1.253+/-0.108 χ^2/NDF: 3129.0/97

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.305+/-0.019 χ^2/NDF: 9508.4/23

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.755+/-0.018 χ^2/NDF: 92821.8/26

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

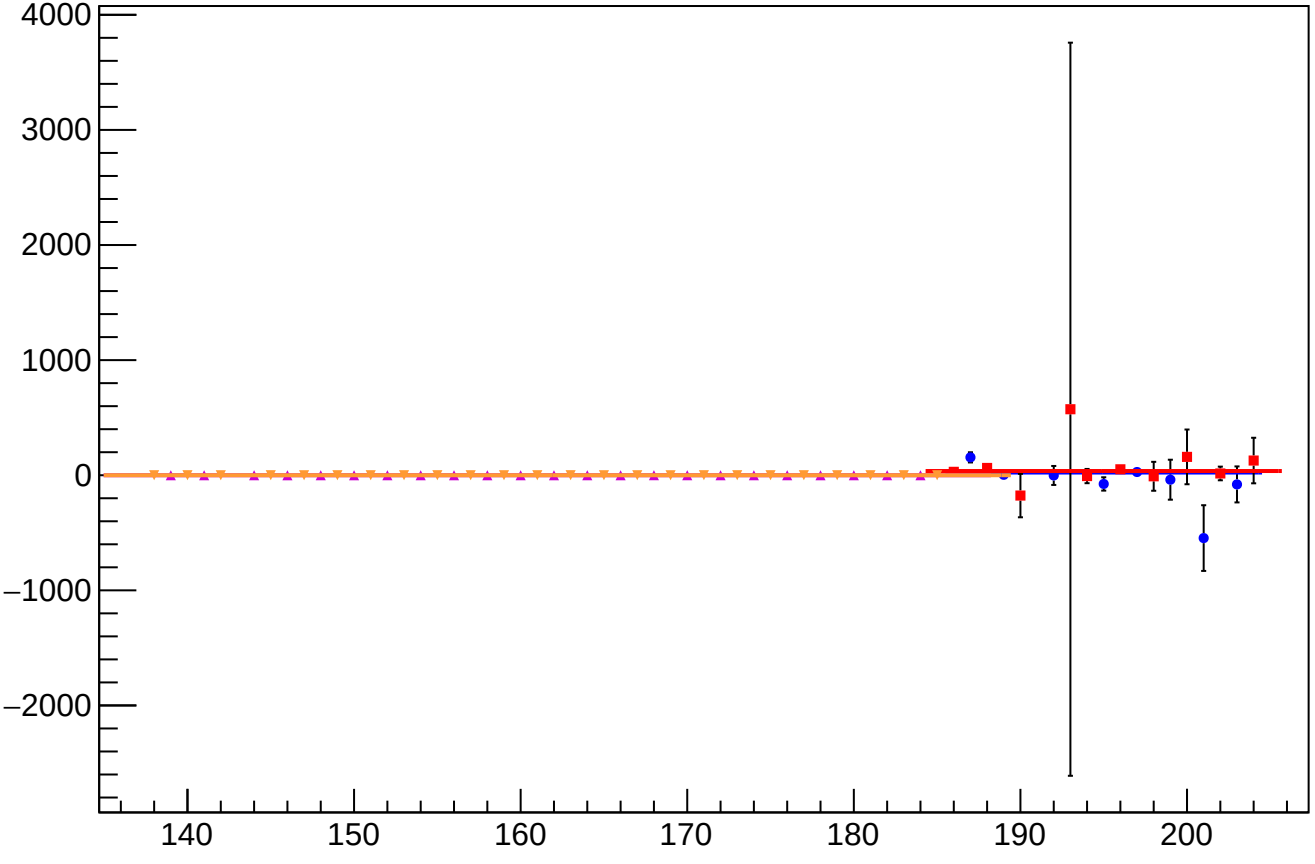
Right: -0.239+/-0.013 χ^2/NDF: 103967.2/50

In: -0.516+/-0.007 χ^2/NDF:55904.5/46

Out: -0.710+/-0.007 χ^2/NDF:146599.1/50

All: -0.613+/-0.005 χ^2/NDF: 202884.2/97

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.495+/-18.953 χ^2/NDF: 16.9/7

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 36.574+/-9.820 χ^2/NDF: 4.6/9

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

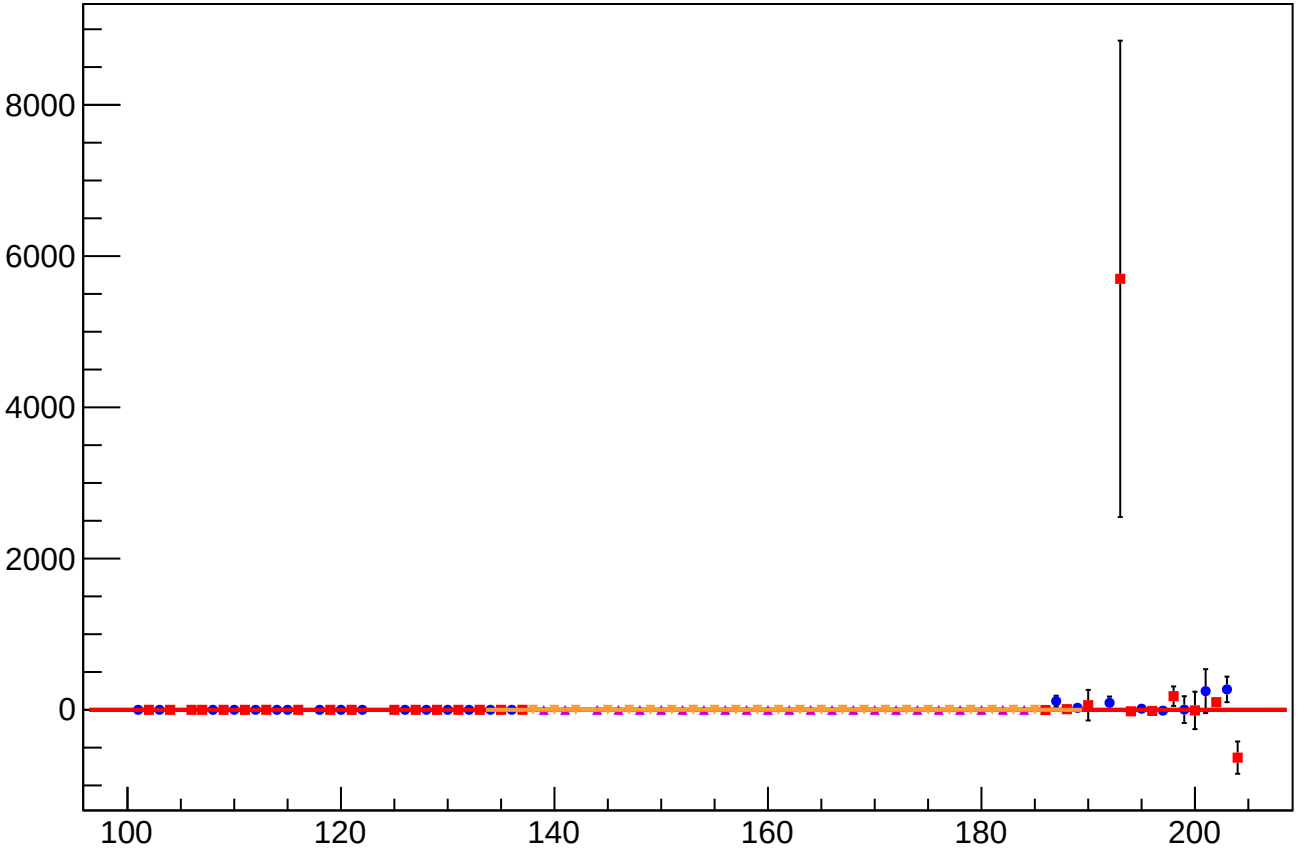
Right: 33.806+/-8.719 χ^2/NDF: 22.0/17

In: -0.009+/-0.018 χ^2/NDF:53.7/30

Out: -0.038+/-0.018 χ^2/NDF:54.1/33

All: -0.024+/-0.013 χ^2/NDF: 109.2/64

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 20.0/23

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 26.3/26

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

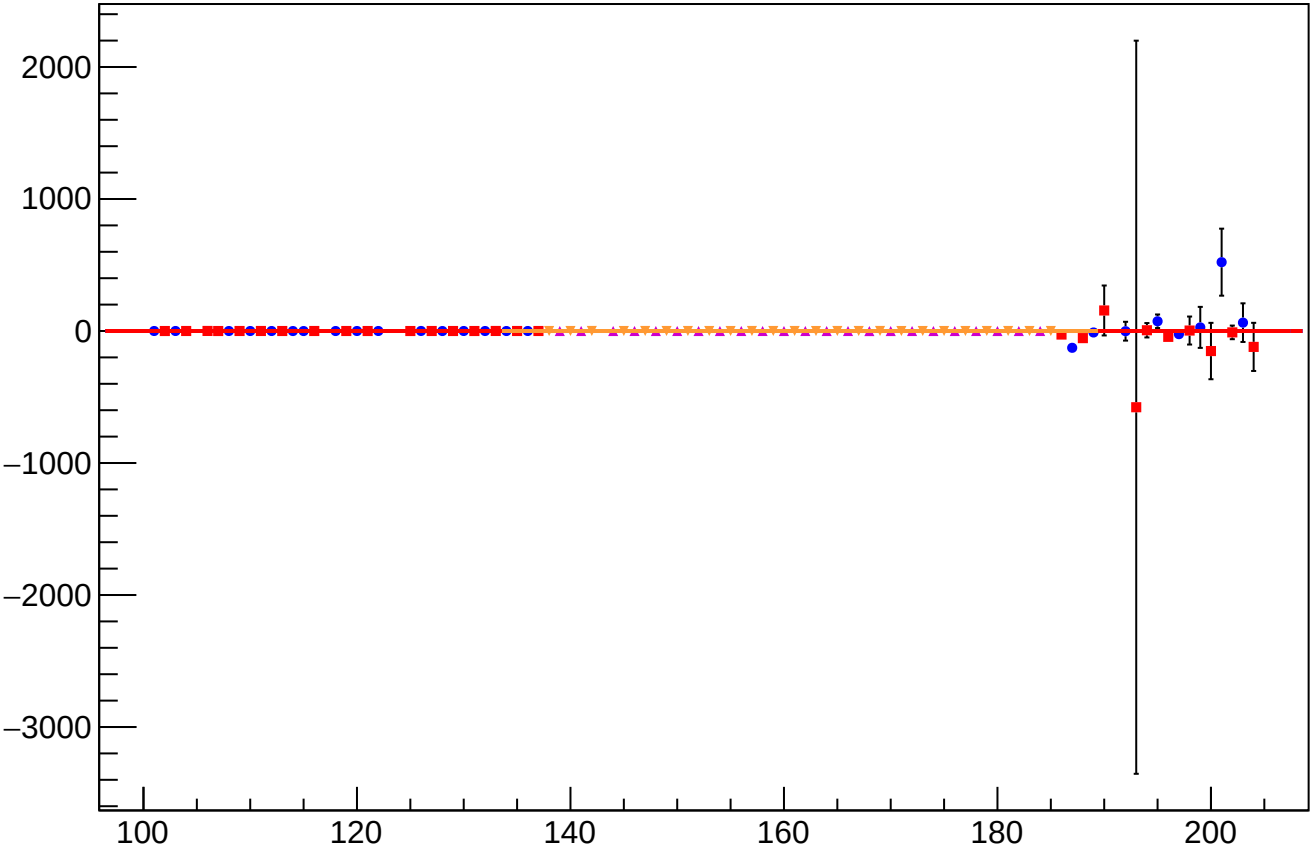
Right: -0.050+/-0.017 χ^2/NDF: 51.7/50

In: -0.051+/-0.012 χ^2/NDF:64.1/46

Out: -0.078+/-0.012 χ^2/NDF:54.6/50

All: -0.064+/-0.009 χ^2/NDF: 121.0/97

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 29.2/23

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 29.3/26

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

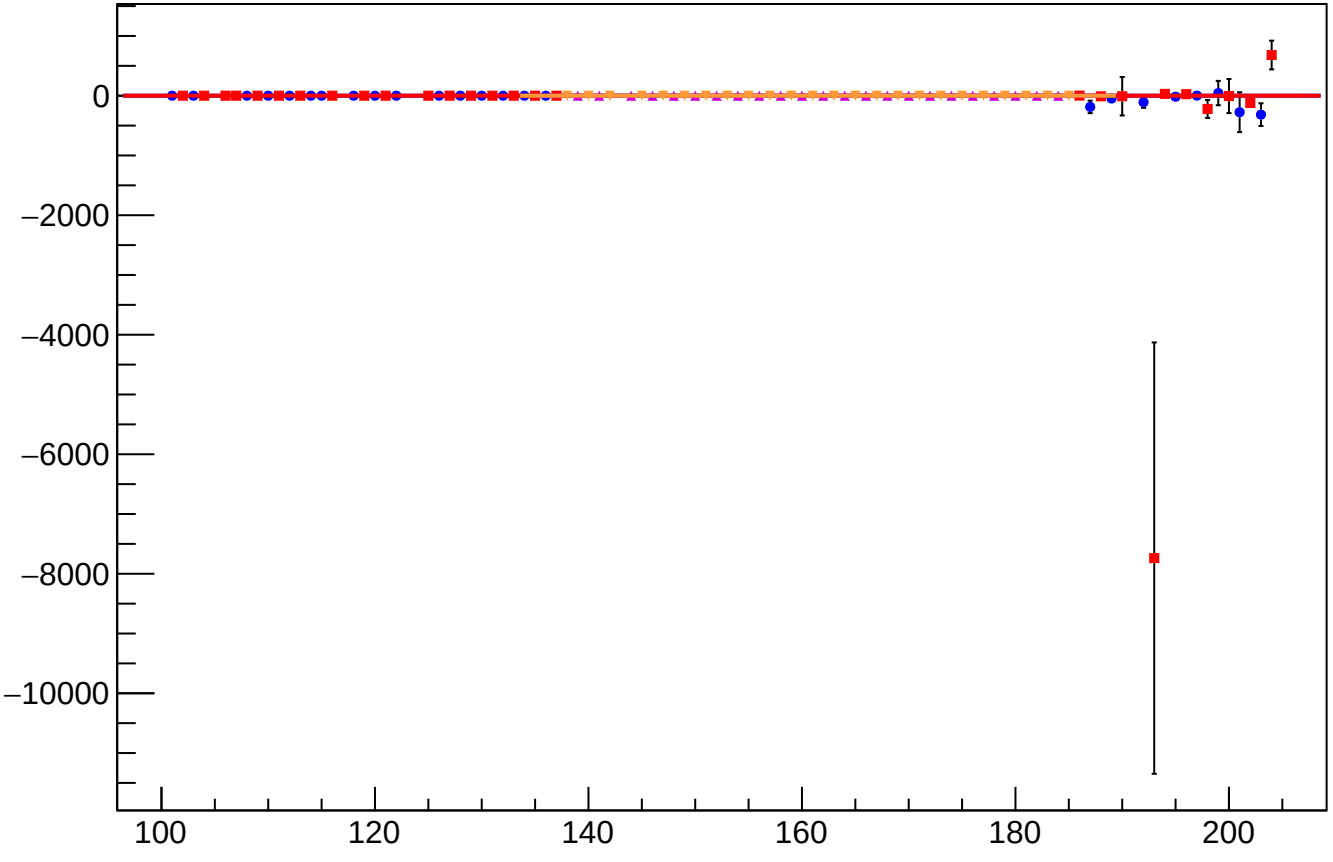
Right: 0.023+/-0.031 χ^2/NDF: 58.6/50

In: -0.006+/-0.017 χ^2/NDF:66.7/46

Out: 0.035+/-0.017 χ^2/NDF:61.7/50

All: 0.014+/-0.012 χ^2/NDF: 131.4/97

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 21.0/23

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 26.1/26

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

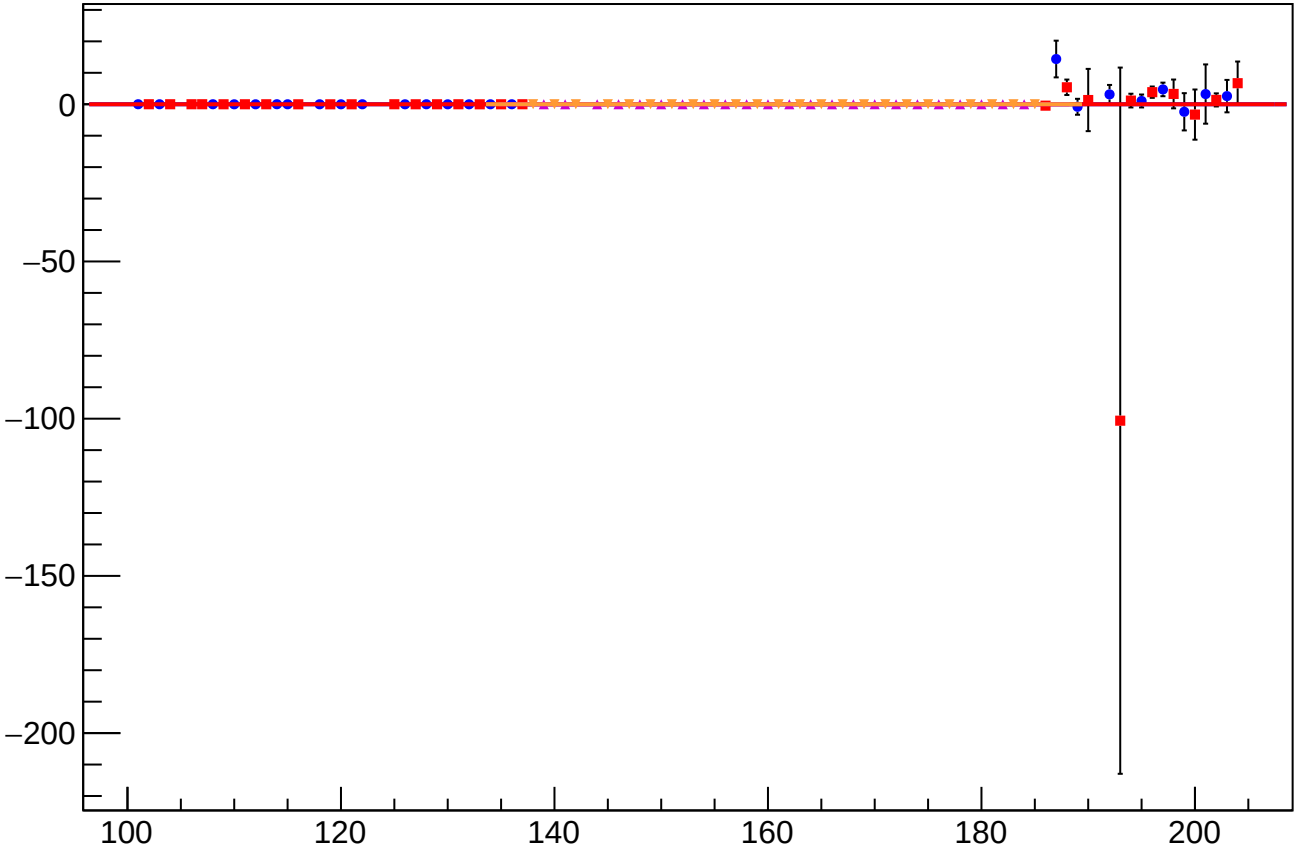
Right: 0.055+/-0.020 χ^2/NDF: 53.9/50

In: 0.054+/-0.014 χ^2/NDF:69.2/46

Out: 0.092+/-0.014 χ^2/NDF:54.3/50

All: 0.073+/-0.010 χ^2/NDF: 127.2/97

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 35.5/23

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 36.3/26

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

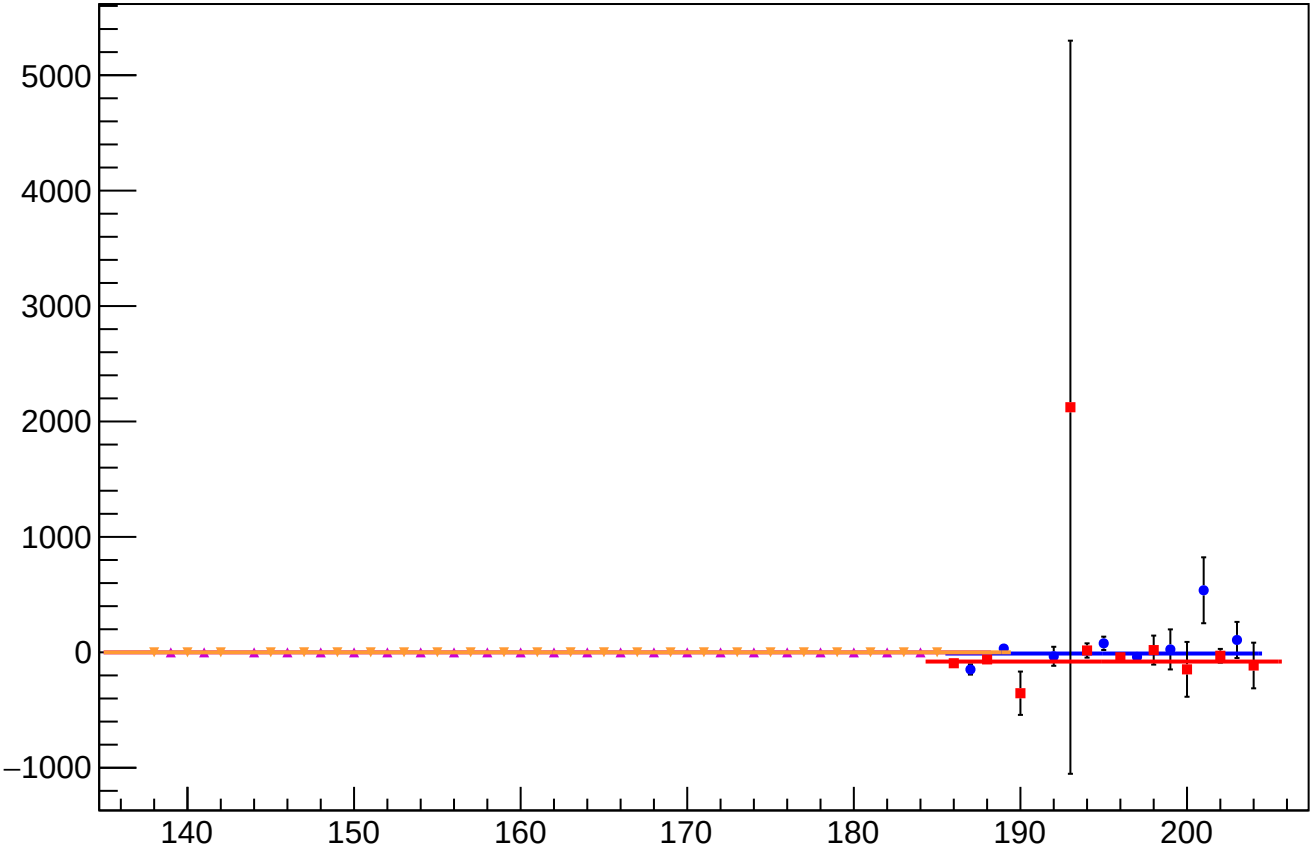
Right: -0.005+/-0.001 χ^2/NDF: 72.1/50

In: -0.001+/-0.001 χ^2/NDF:69.9/46

Out: -0.001+/-0.001 χ^2/NDF:68.1/50

All: -0.001+/-0.000 χ^2/NDF: 138.3/97

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.360+/-18.940 χ^2/NDF: 19.2/7

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -79.908+/-9.823 χ^2/NDF: 9.5/9

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

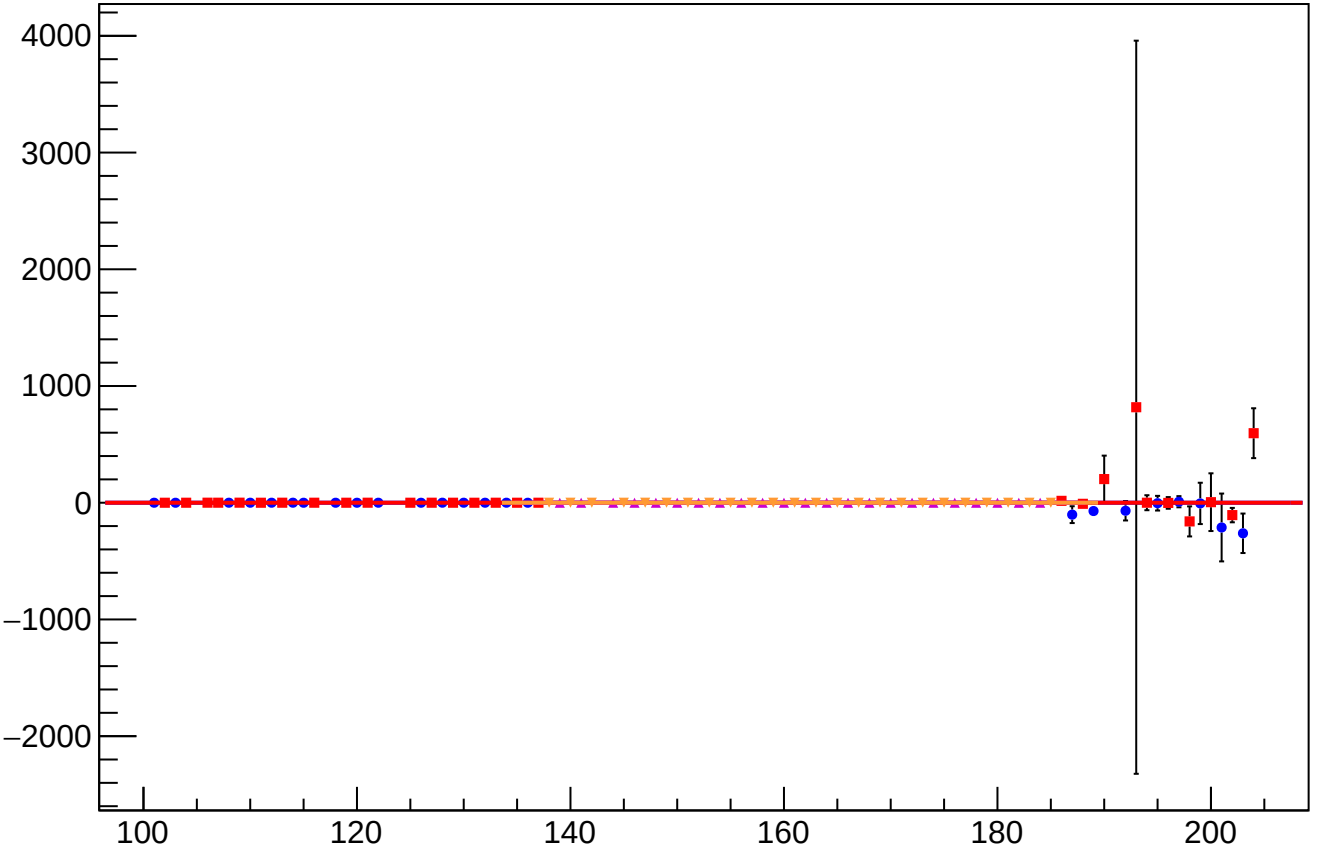
Right: -65.167+/-8.720 χ^2/NDF: 39.3/17

In: -0.010+/-0.018 χ^2/NDF:52.8/30

Out: -0.052+/-0.018 χ^2/NDF:112.9/33

All: -0.031+/-0.013 χ^2/NDF: 168.4/64

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 35.7/23

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 41.7/26

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

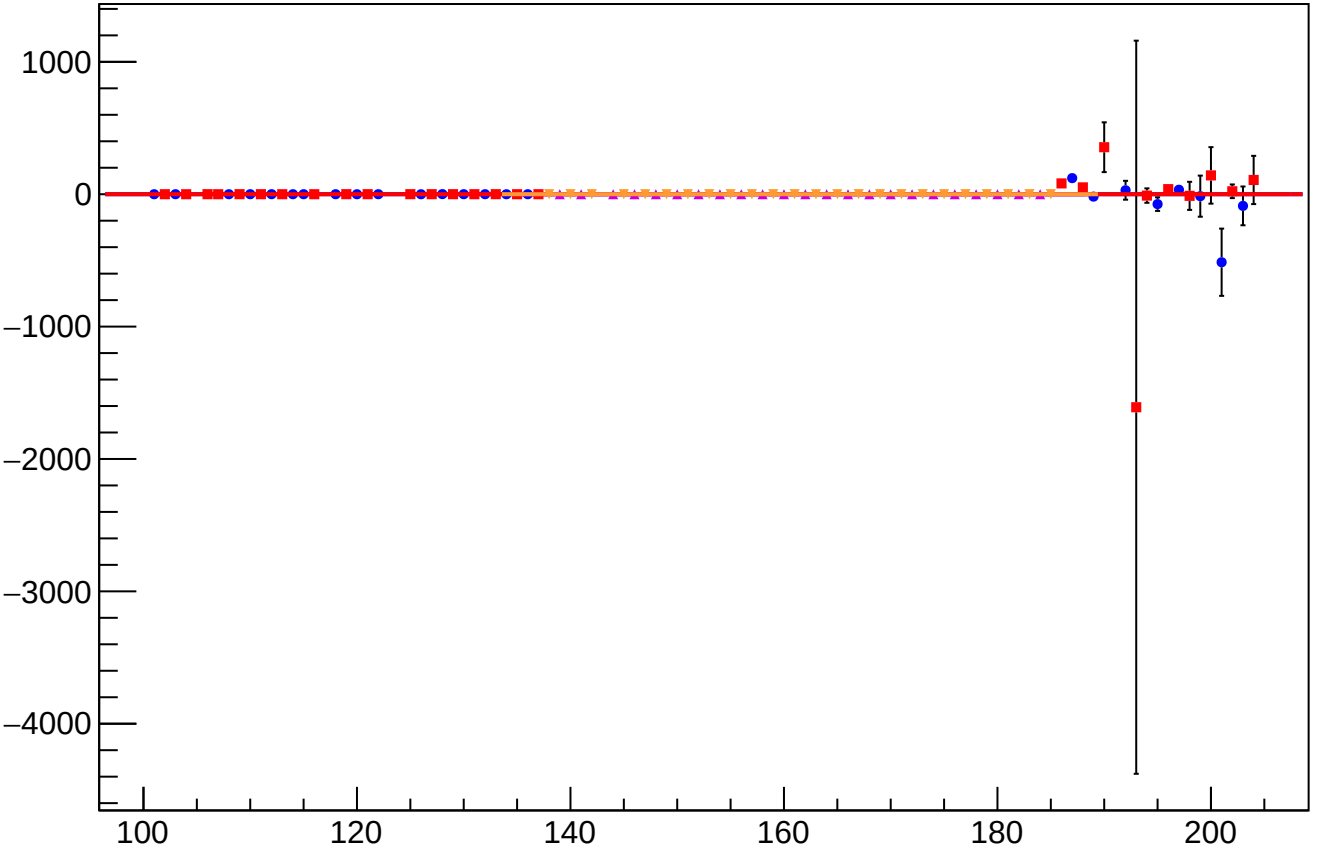
Right: 0.024+/-0.017 χ^2/NDF: 78.2/50

In: 0.006+/-0.012 χ^2/NDF:86.1/46

Out: 0.002+/-0.012 χ^2/NDF:74.3/50

All: 0.004+/-0.009 χ^2/NDF: 160.4/97

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 48.3/23

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 97.5/26

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

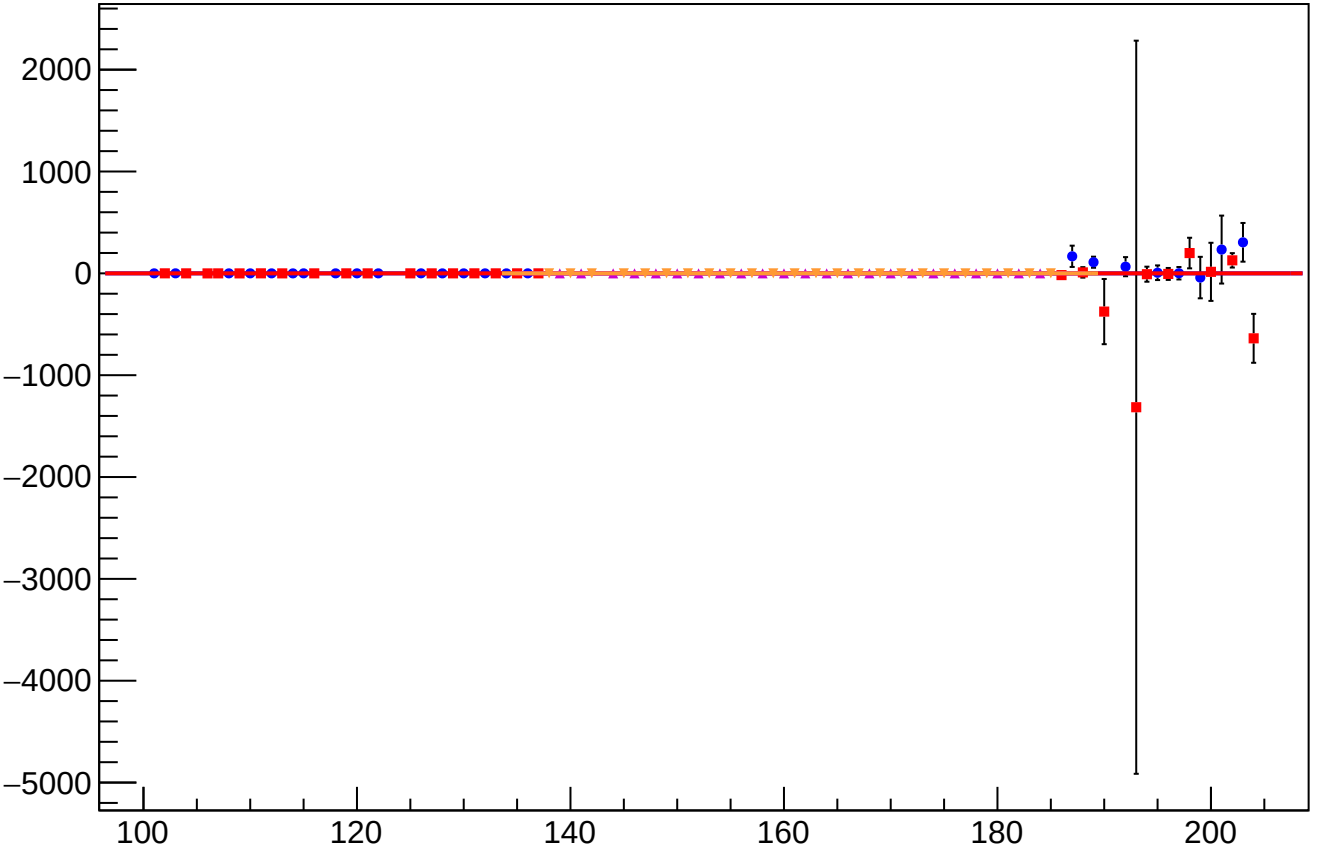
Right: 0.177+/-0.031 χ^2/NDF: 146.5/50

In: 0.041+/-0.017 χ^2/NDF:90.3/46

Out: 0.069+/-0.017 χ^2/NDF:143.2/50

All: 0.055+/-0.012 χ^2/NDF: 234.9/97

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 35.4/23

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 39.3/26

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

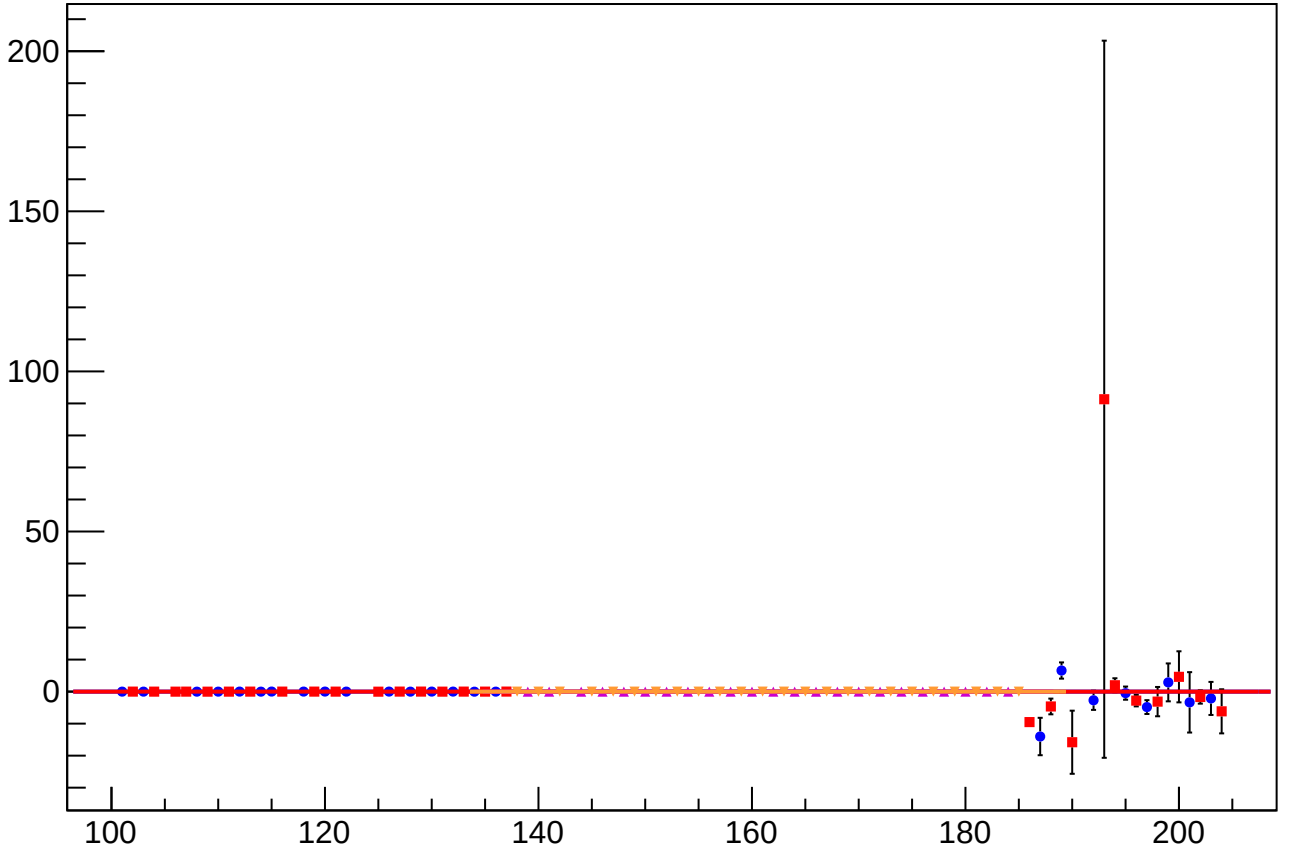
Right: -0.030+/-0.020 χ^2/NDF: 75.6/50

In: 0.002+/-0.014 χ^2/NDF:86.5/46

Out: 0.004+/-0.014 χ^2/NDF:77.2/50

All: 0.003+/-0.010 χ^2/NDF: 163.6/97

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 47.9/23

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 70.1/26

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

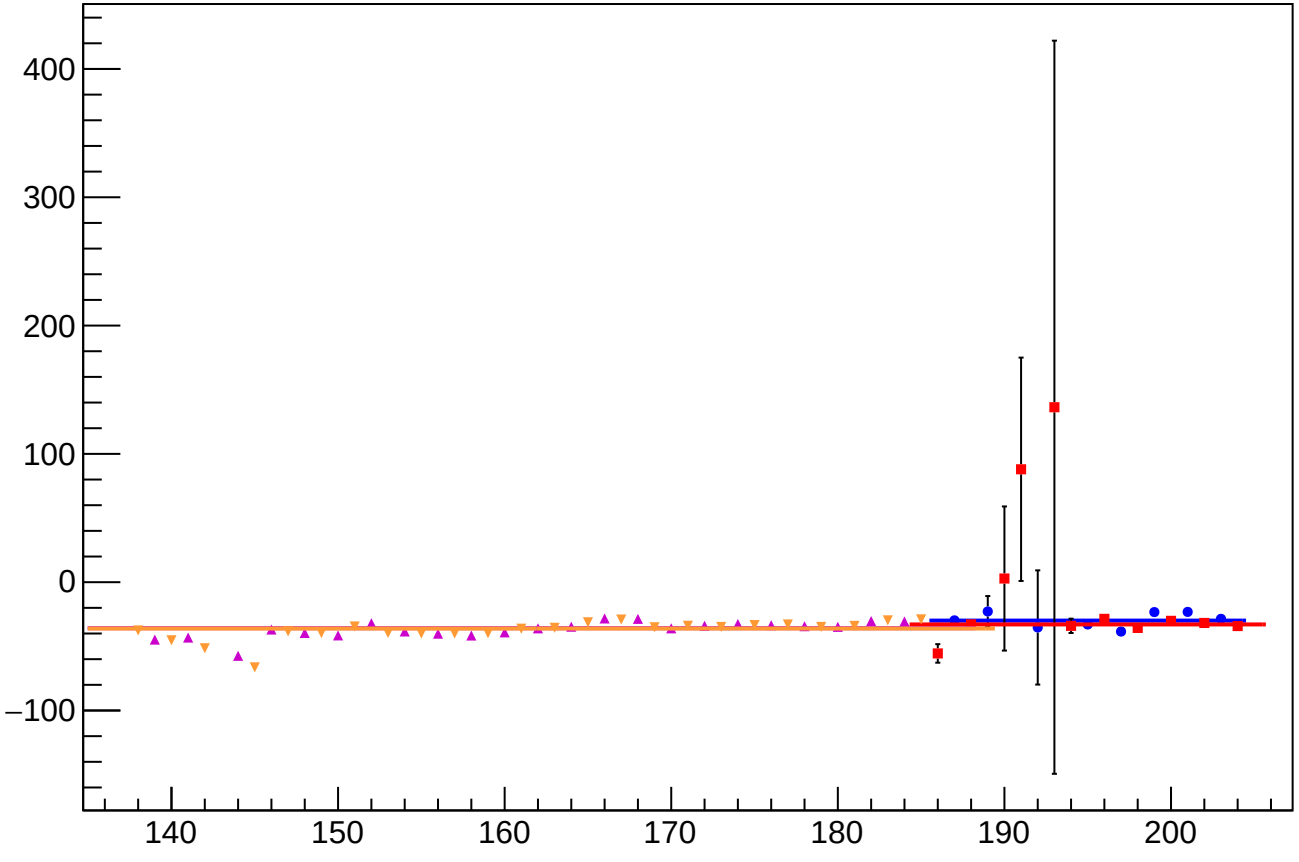
Right: -0.006+/-0.001 χ^2/NDF: 118.0/50

In: -0.008+/-0.001 χ^2/NDF:90.0/46

Out: -0.008+/-0.001 χ^2/NDF:103.6/50

All: -0.008+/-0.000 χ^2/NDF: 193.8/97

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.933+/-1.037 χ^2/NDF: 20.8/7

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -32.925+/-0.852 χ^2/NDF: 16.7/10

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

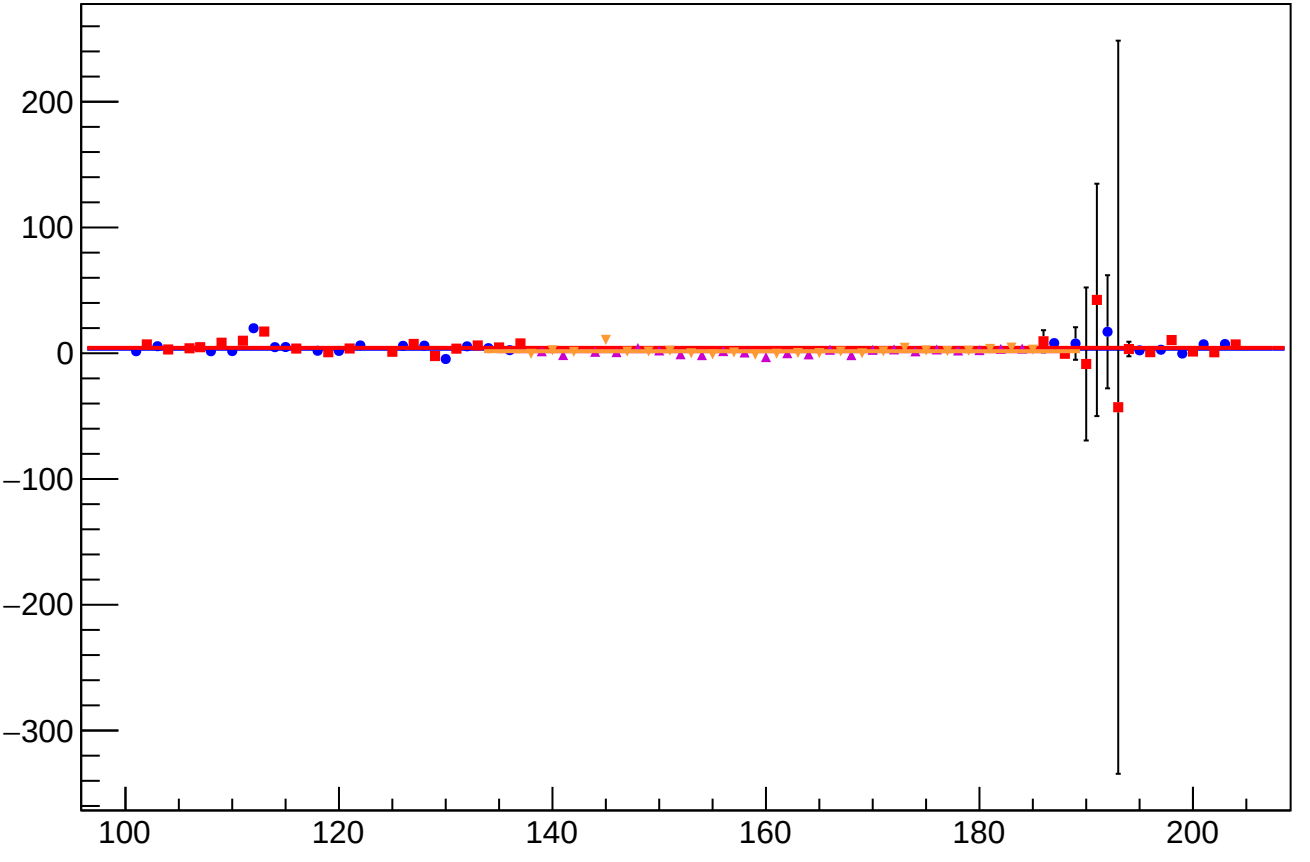
Right: -31.720+/-0.658 χ^2/NDF: 42.5/18

In: -35.675+/-0.188 χ^2/NDF:939.6/30

Out: -35.956+/-0.187 χ^2/NDF:1148.4/34

All: -35.816+/-0.132 χ^2/NDF: 2089.1/65

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.557+/-0.214 χ^2/NDF: 452.9/23

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.288+/-0.221 χ^2/NDF: 364.8/27

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

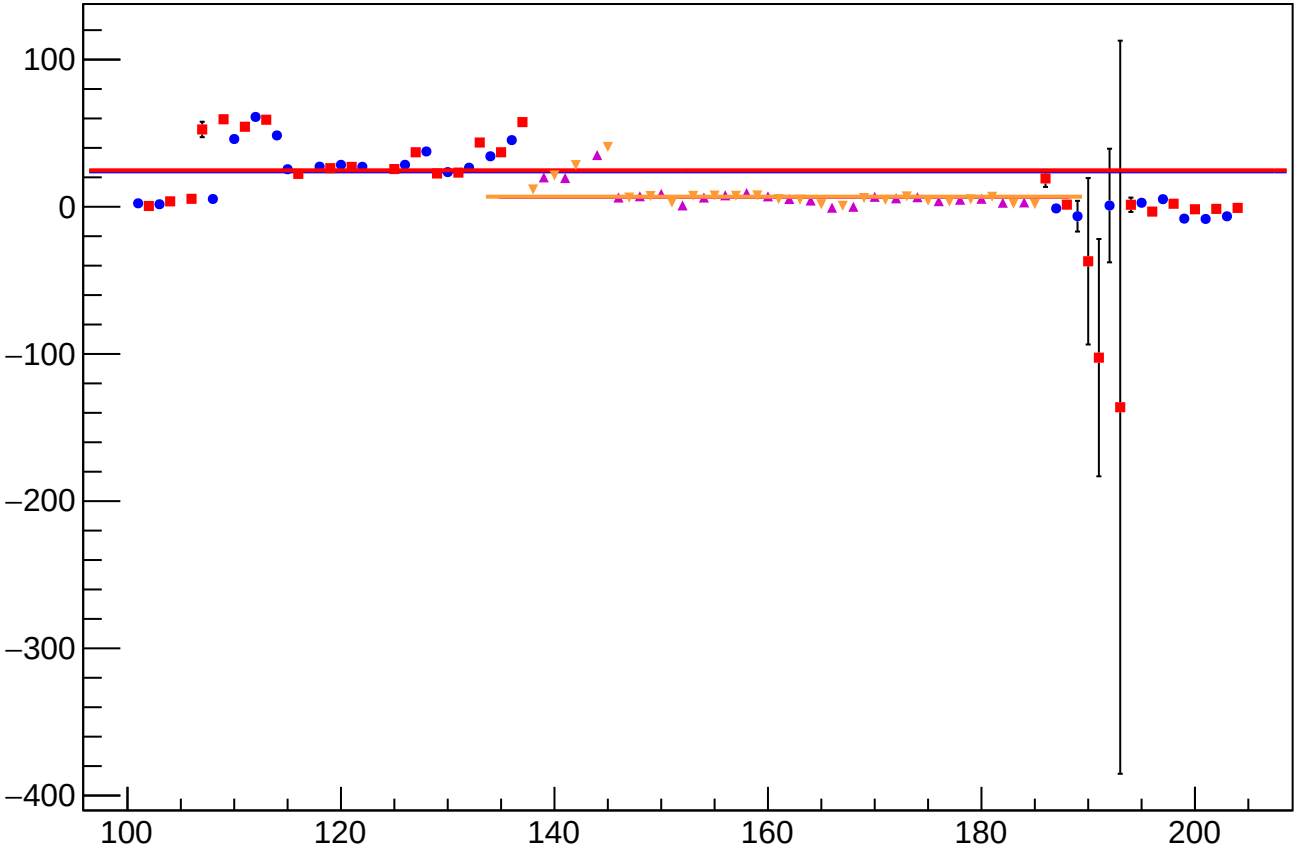
Right: 3.911+/-0.154 χ^2/NDF: 823.3/51

In: 2.269+/-0.122 χ^2/NDF:670.5/46

Out: 2.451+/-0.123 χ^2/NDF:631.1/51

All: 2.360+/-0.087 χ^2/NDF: 1302.8/98

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.054+/-0.378 χ^2/NDF: 2505.3/23

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 24.770+/-0.366 χ^2/NDF: 3110.7/27

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

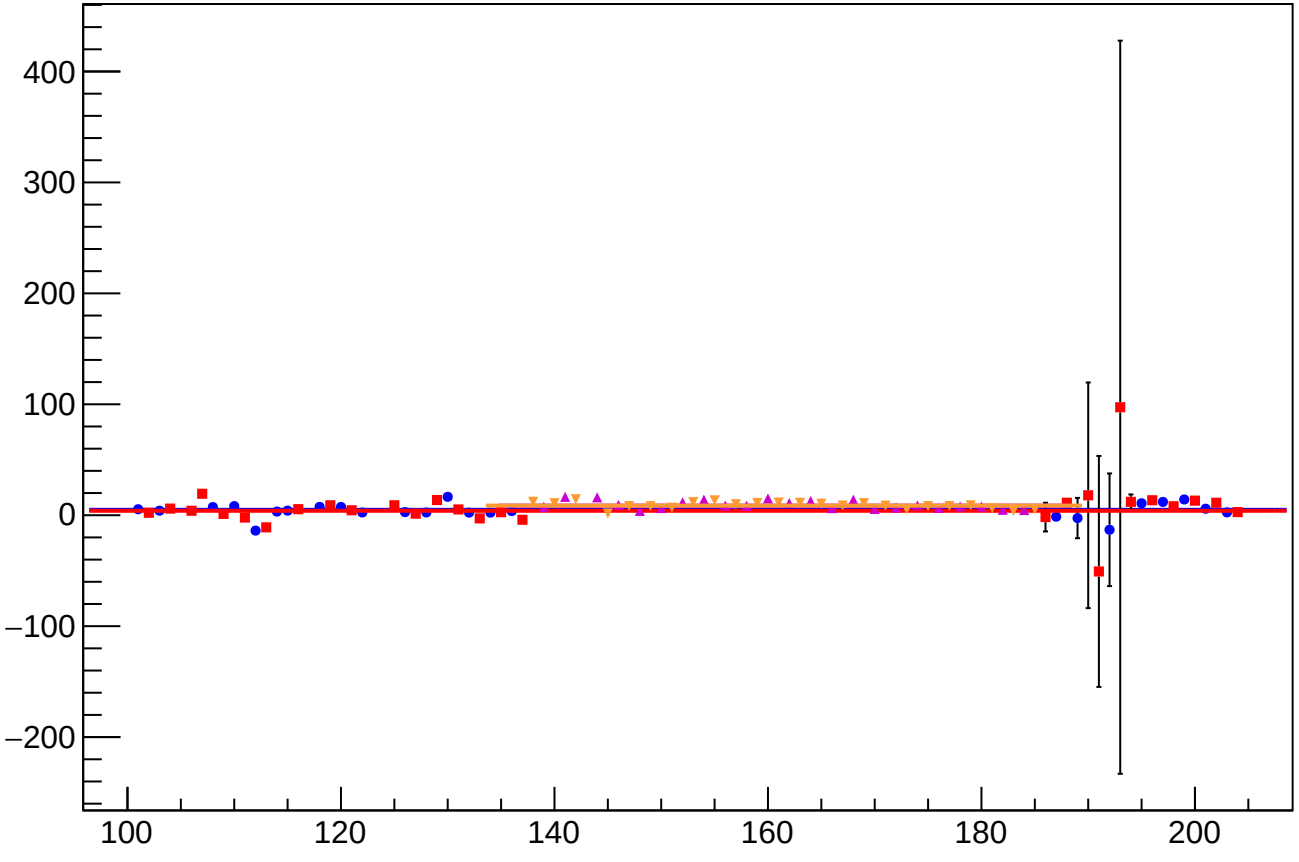
Right: 24.424+/-0.263 χ^2/NDF: 5617.8/51

In: 10.140+/-0.170 χ^2/NDF:5275.6/46

Out: 10.705+/-0.170 χ^2/NDF:6292.8/51

All: 10.423+/-0.120 χ^2/NDF: 11573.9/98

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.866+/-0.248 χ^2/NDF: 569.6/23

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 4.017+/-0.255 χ^2/NDF: 592.2/27

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

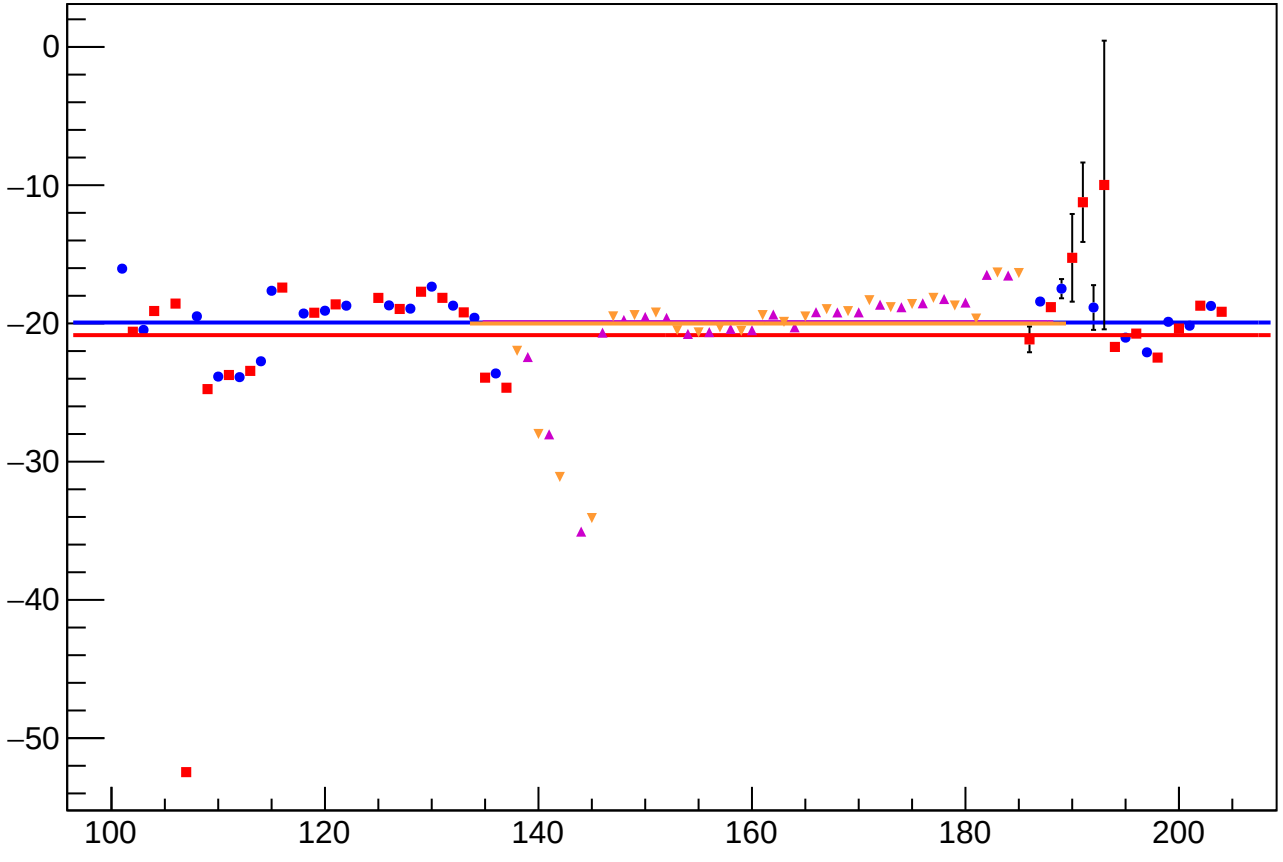
Right: 4.453+/-0.178 χ^2/NDF: 1167.4/51

In: 7.449+/-0.140 χ^2/NDF:1166.9/46

Out: 7.268+/-0.141 χ^2/NDF:1067.6/51

All: 7.359+/-0.099 χ^2/NDF: 2235.3/98

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.934+/-0.015 χ^2/NDF: 26633.1/23

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.847+/-0.015 χ^2/NDF: 93665.2/27

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

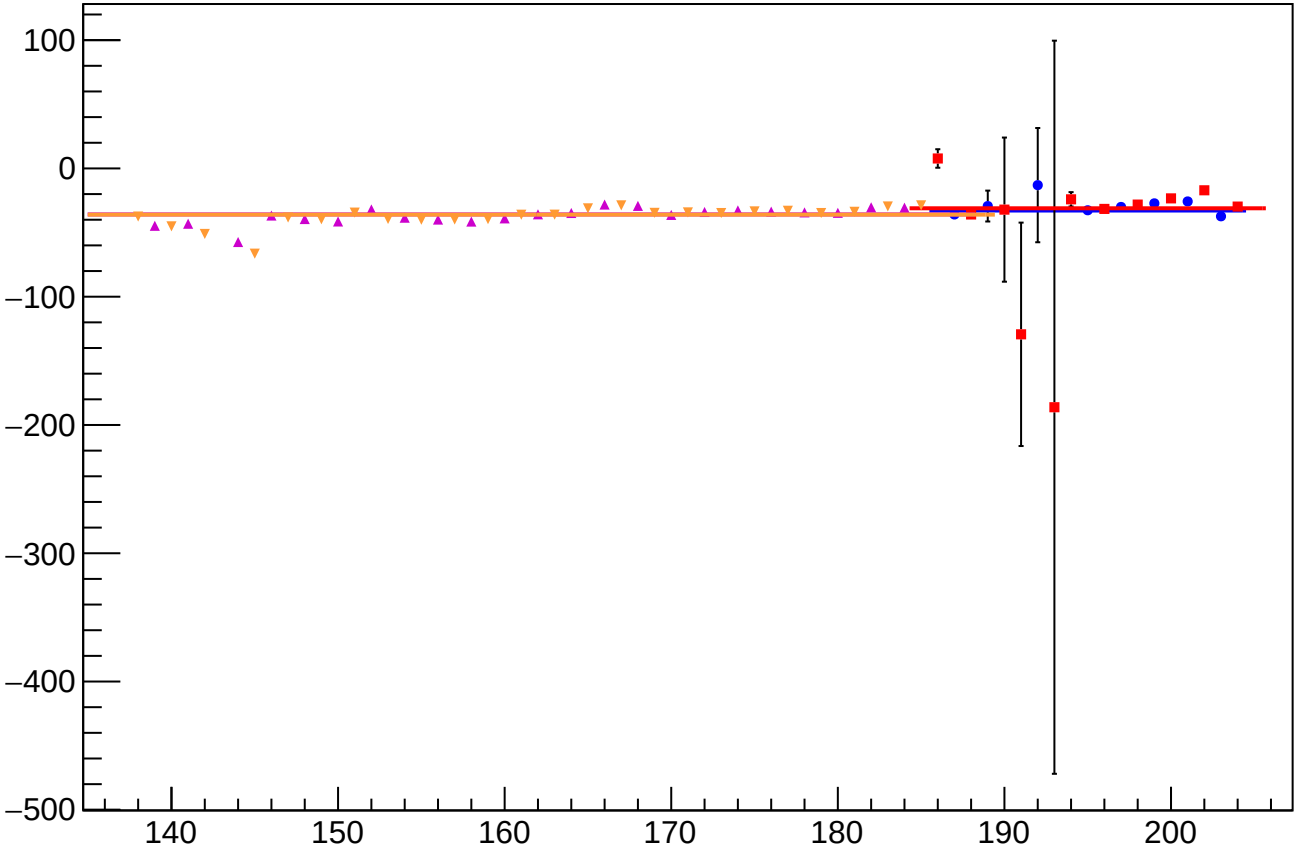
Right: -20.388+/-0.011 χ^2/NDF: 122165.4/51

In: -19.917+/-0.007 χ^2/NDF:172122.1/46

Out: -20.189+/-0.007 χ^2/NDF:267772.8/51

All: -20.052+/-0.005 χ^2/NDF: 440663.0/98

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.814+/-1.041 χ^2/NDF: 15.2/7

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -31.077+/-0.854 χ^2/NDF: 73.6/10

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

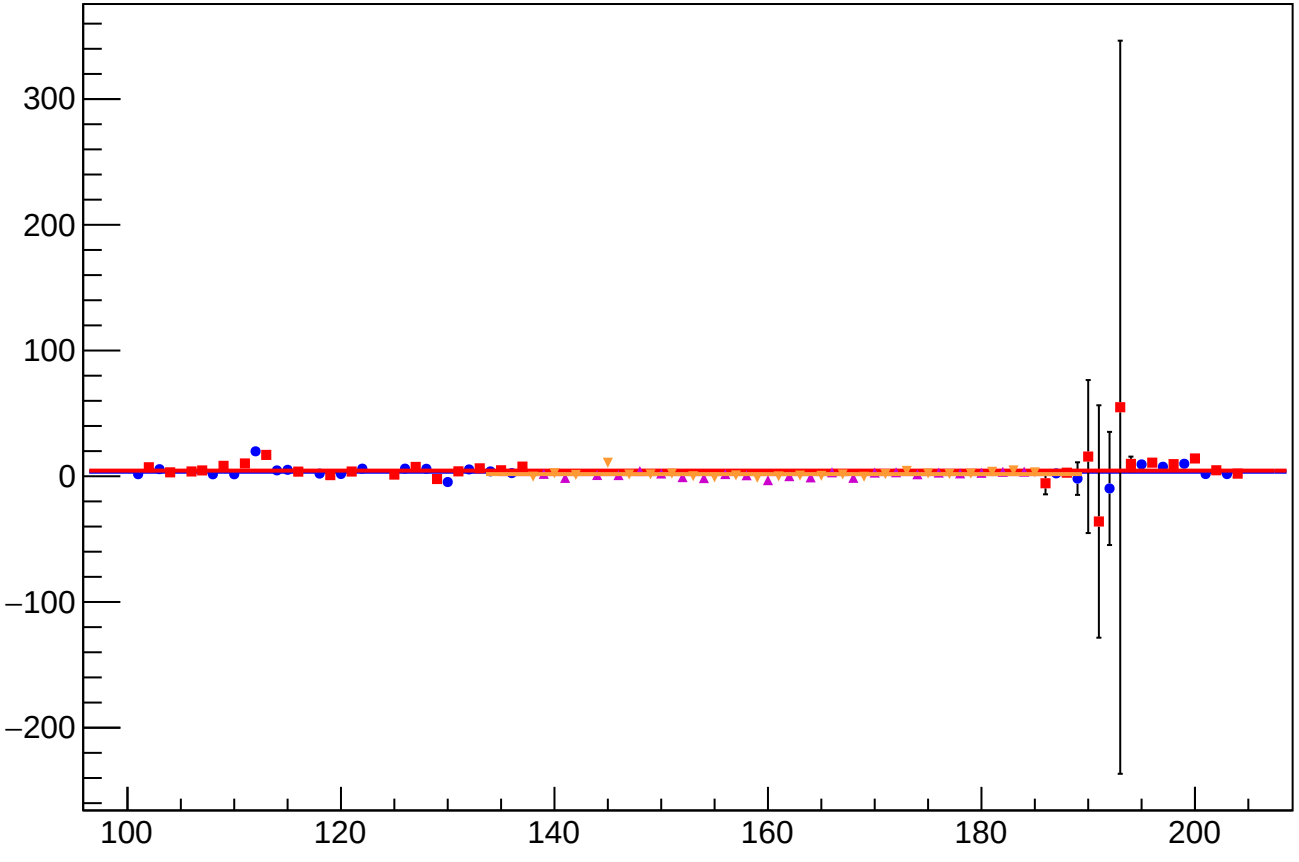
Right: -31.776+/-0.660 χ^2/NDF: 90.5/18

In: -35.757+/-0.187 χ^2/NDF:899.3/30

Out: -35.782+/-0.187 χ^2/NDF:1230.9/34

All: -35.769+/-0.132 χ^2/NDF: 2130.2/65

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.587+/-0.214 χ^2/NDF: 453.4/23

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.493+/-0.221 χ^2/NDF: 361.6/27

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

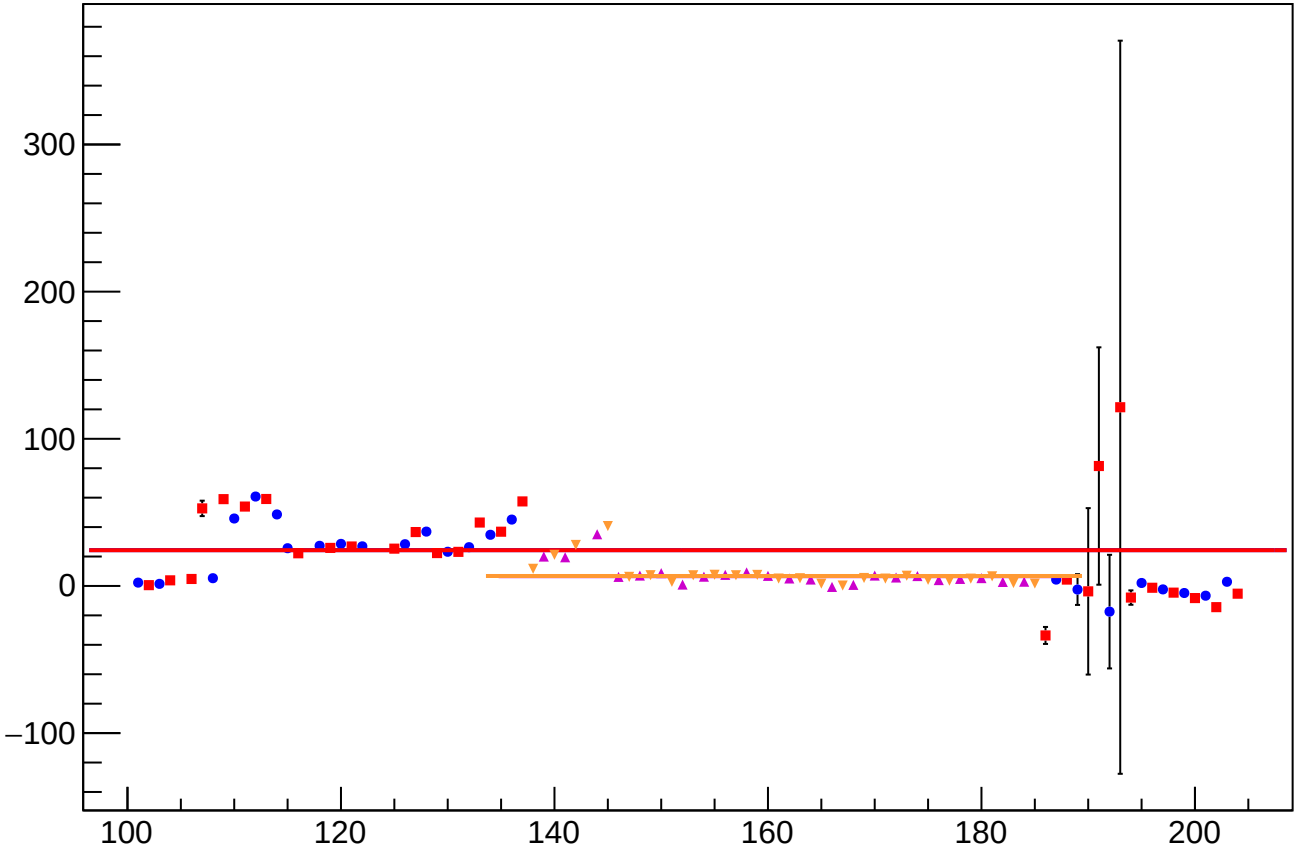
Right: 4.026+/-0.154 χ^2/NDF: 823.7/51

In: 2.324+/-0.122 χ^2/NDF:669.2/46

Out: 2.576+/-0.123 χ^2/NDF:638.6/51

All: 2.449+/-0.087 χ^2/NDF: 1309.8/98

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.336+/-0.378 χ^2/NDF: 2341.6/23

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 24.294+/-0.366 χ^2/NDF: 3269.0/27

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

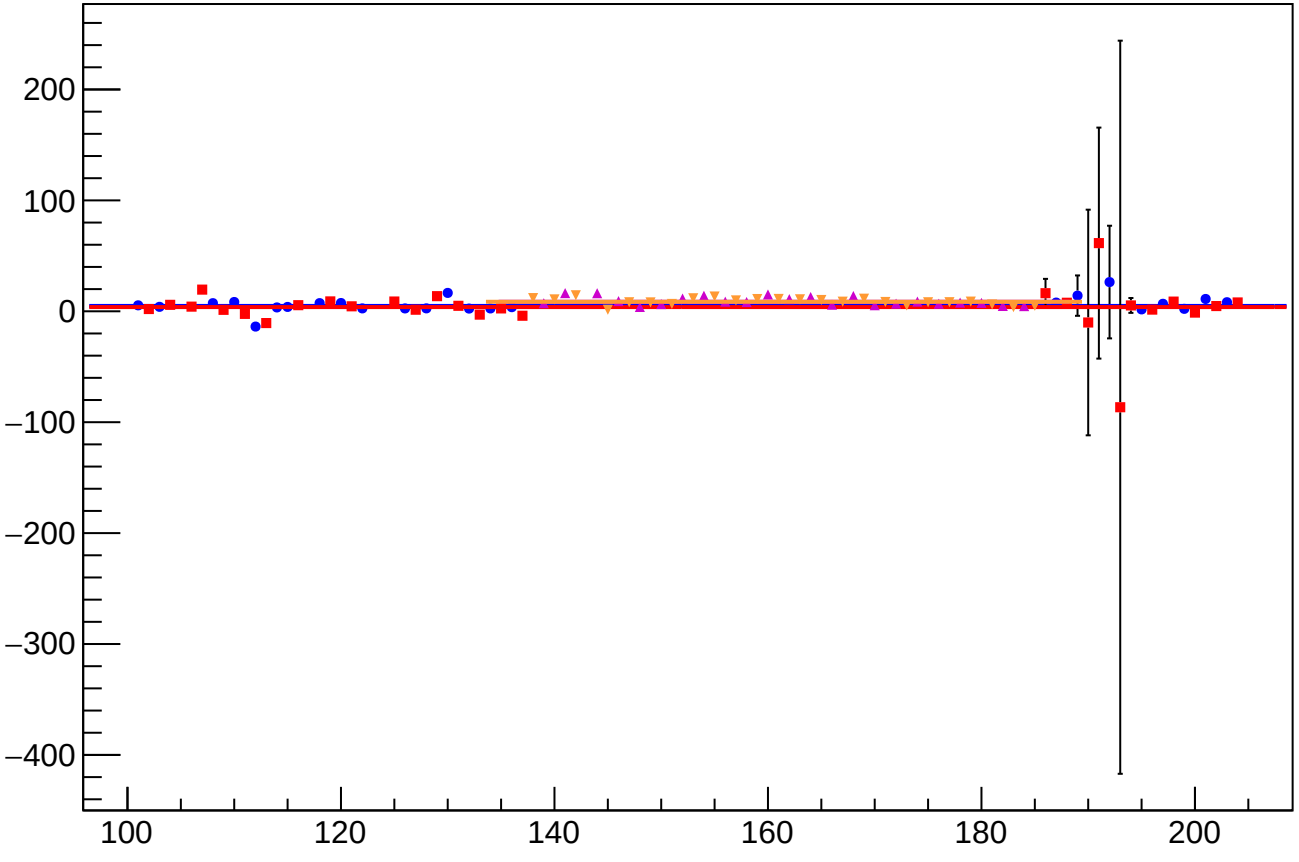
Right: 24.314+/-0.263 χ^2/NDF: 5610.7/51

In: 10.190+/-0.170 χ^2/NDF:5161.7/46

Out: 10.530+/-0.169 χ^2/NDF:6373.1/51

All: 10.360+/-0.120 χ^2/NDF: 11536.8/98

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.830+/-0.248 χ^2/NDF: 555.7/23

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.798+/-0.255 χ^2/NDF: 571.2/27

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

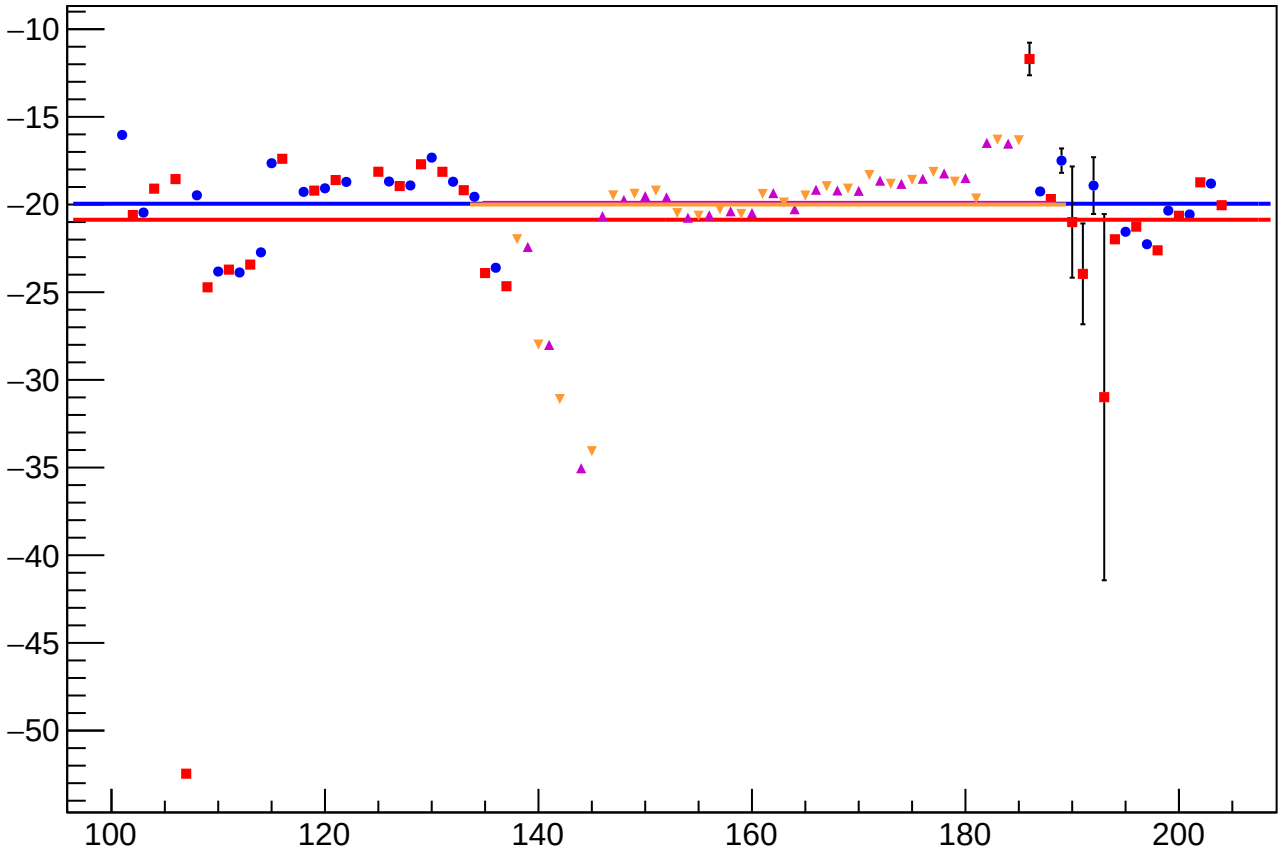
Right: 4.328+/-0.178 χ^2/NDF: 1135.3/51

In: 7.379+/-0.140 χ^2/NDF:1154.4/46

Out: 7.126+/-0.141 χ^2/NDF:1062.6/51

All: 7.253+/-0.099 χ^2/NDF: 2218.7/98

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.955+/-0.015 χ^2/NDF: 26797.0/23

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.867+/-0.015 χ^2/NDF: 93679.0/27

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

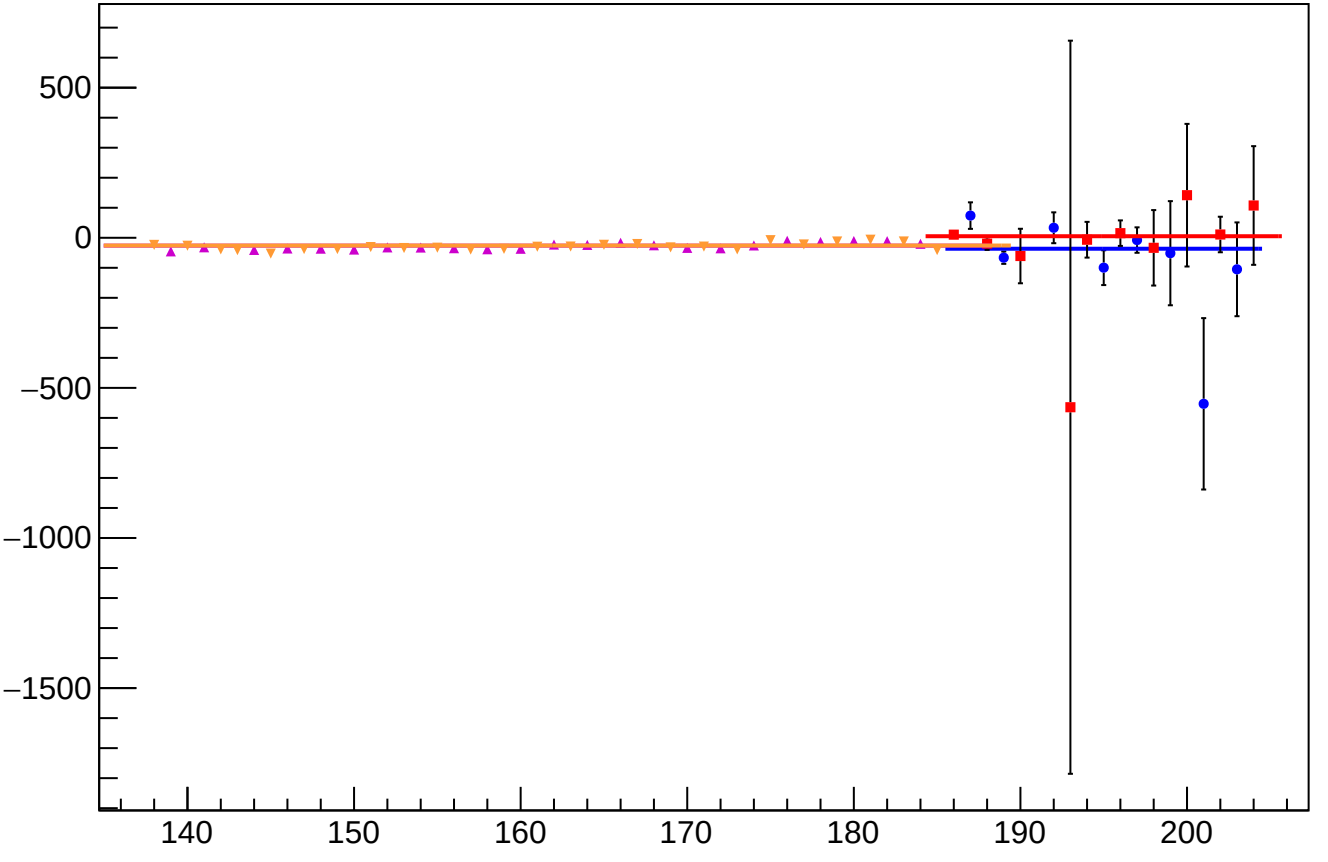
Right: -20.408+/-0.011 χ^2/NDF: 122344.0/51

In: -19.915+/-0.007 χ^2/NDF:172152.7/46

Out: -20.188+/-0.007 χ^2/NDF:268143.6/51

All: -20.050+/-0.005 χ^2/NDF: 441064.4/98

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.486+/-15.429 χ^2/NDF: 15.3/7

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 5.189+/-8.205 χ^2/NDF: 3.2/9

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

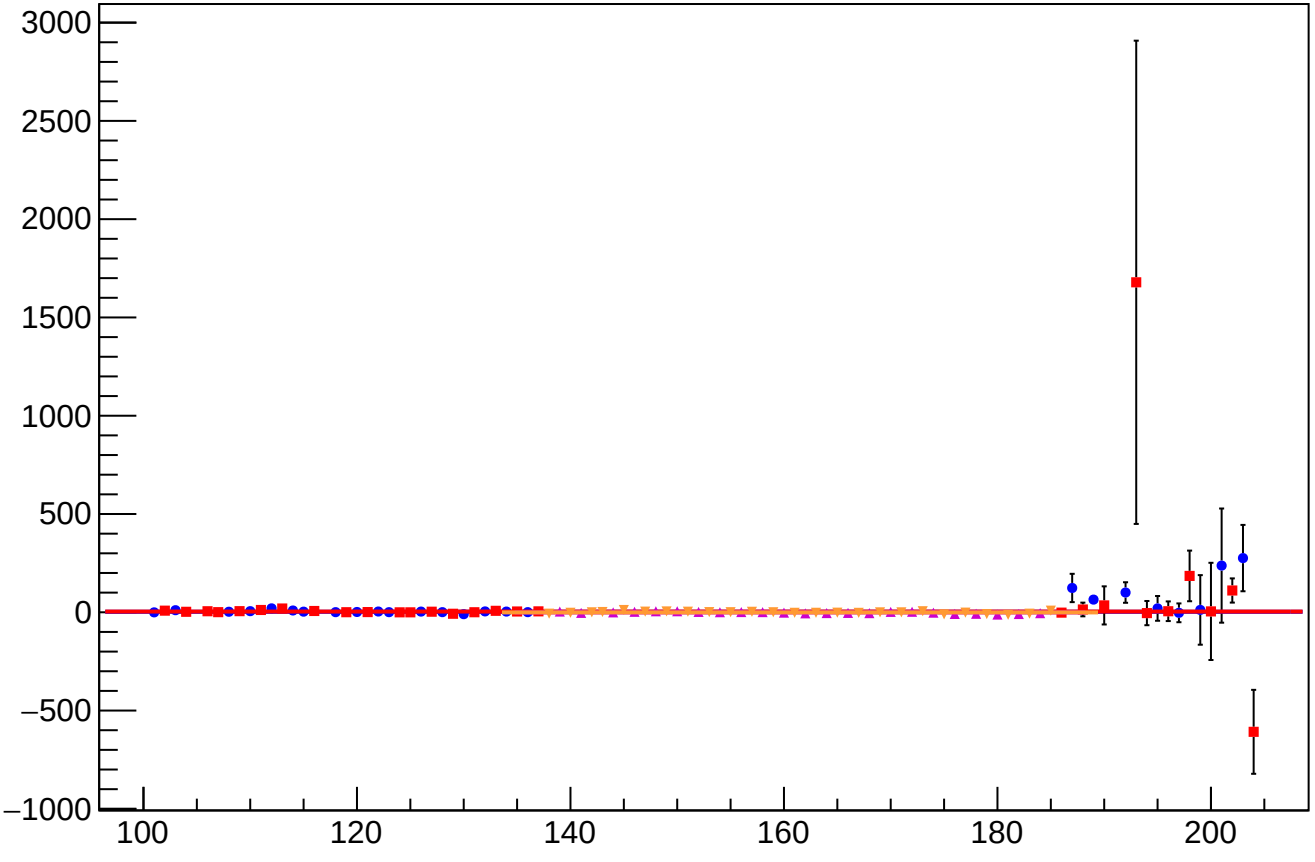
Right: -3.998+/-7.244 χ^2/NDF: 24.2/17

In: -26.205+/-0.194 χ^2/NDF:3393.5/30

Out: -25.787+/-0.192 χ^2/NDF:4145.3/34

All: -25.994+/-0.137 χ^2/NDF: 7541.2/65

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.462+/-0.311 χ^2/NDF: 312.0/24

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.725+/-0.327 χ^2/NDF: 284.6/27

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

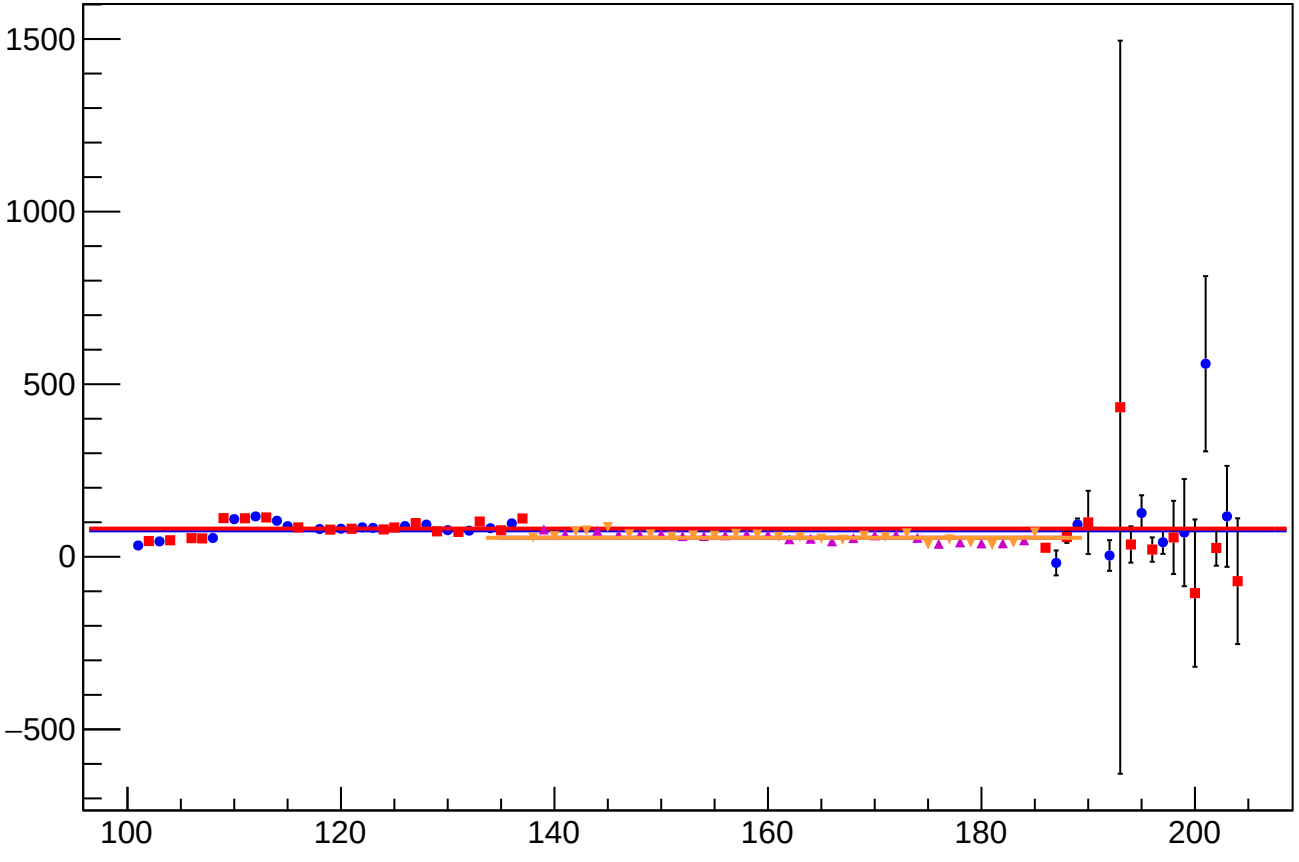
Right: 3.062+/-0.225 χ^2/NDF: 604.5/52

In: -0.218+/-0.135 χ^2/NDF:1475.2/47

Out: 0.057+/-0.134 χ^2/NDF:1750.2/52

All: -0.079+/-0.095 χ^2/NDF: 3227.5/100

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.555+/-0.573 χ^2/NDF: 2269.7/24

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.674+/-0.590 χ^2/NDF: 1610.6/27

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

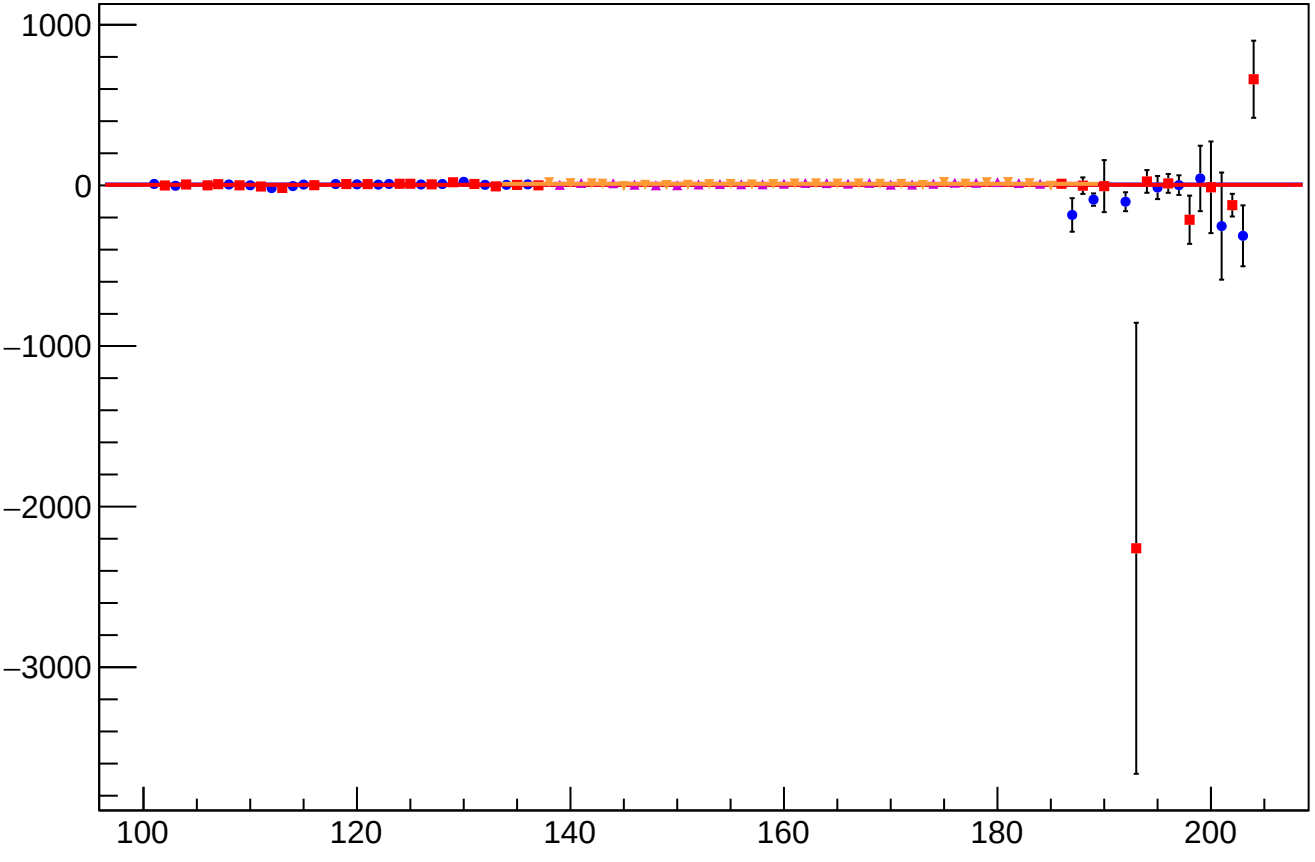
Right: 79.036+/-0.411 χ^2/NDF: 3919.0/52

In: 57.396+/-0.183 χ^2/NDF:7340.4/47

Out: 57.547+/-0.182 χ^2/NDF:7981.5/52

All: 57.472+/-0.129 χ^2/NDF: 15322.2/100

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.426+/-0.357 χ^2/NDF: 403.5/24

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.580+/-0.375 χ^2/NDF: 438.7/27

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

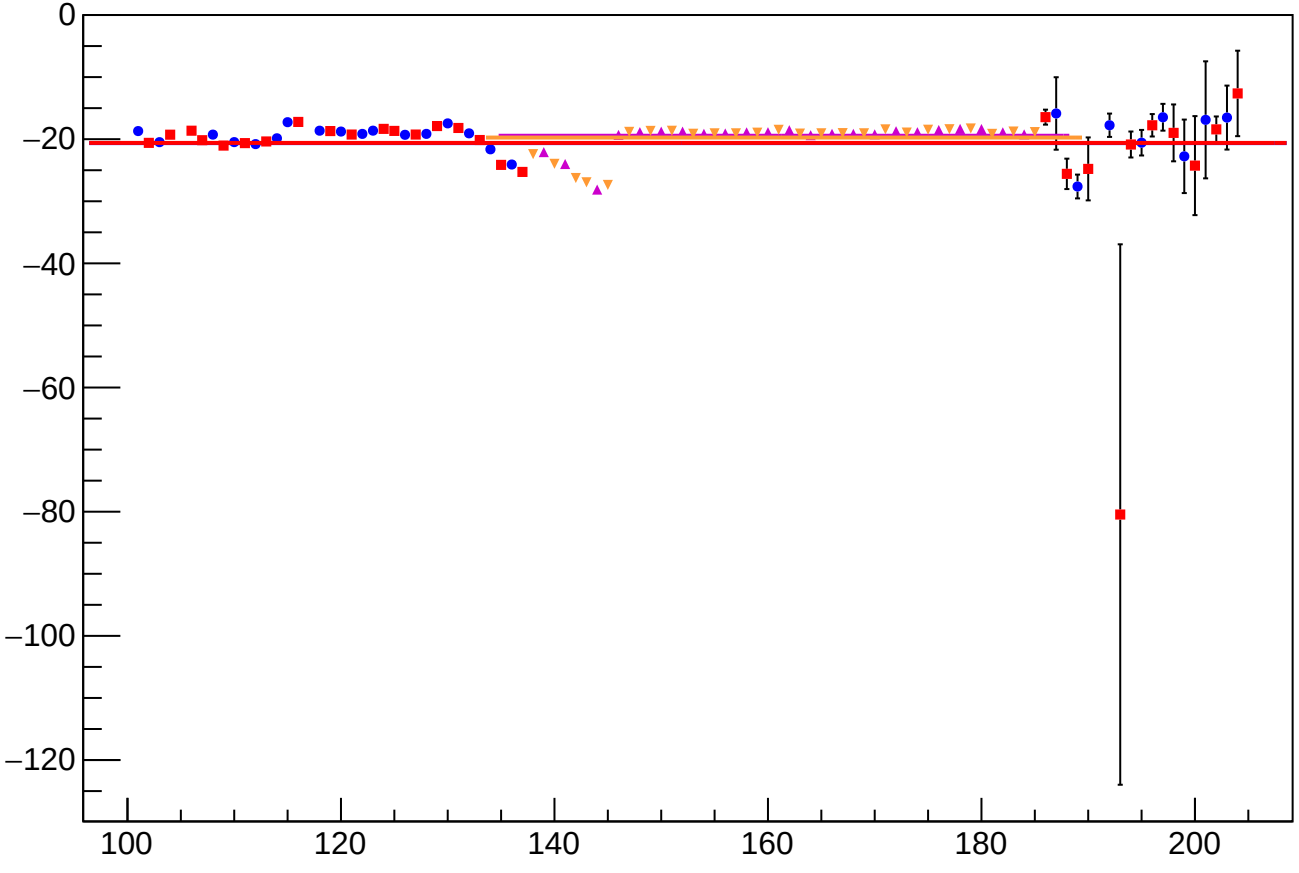
Right: 4.548+/-0.259 χ^2/NDF: 854.9/52

In: 8.962+/-0.154 χ^2/NDF:1689.6/47

Out: 8.719+/-0.153 χ^2/NDF:2112.9/52

All: 8.840+/-0.109 χ^2/NDF: 3803.8/100

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12511.4/24

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11974.9/27

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

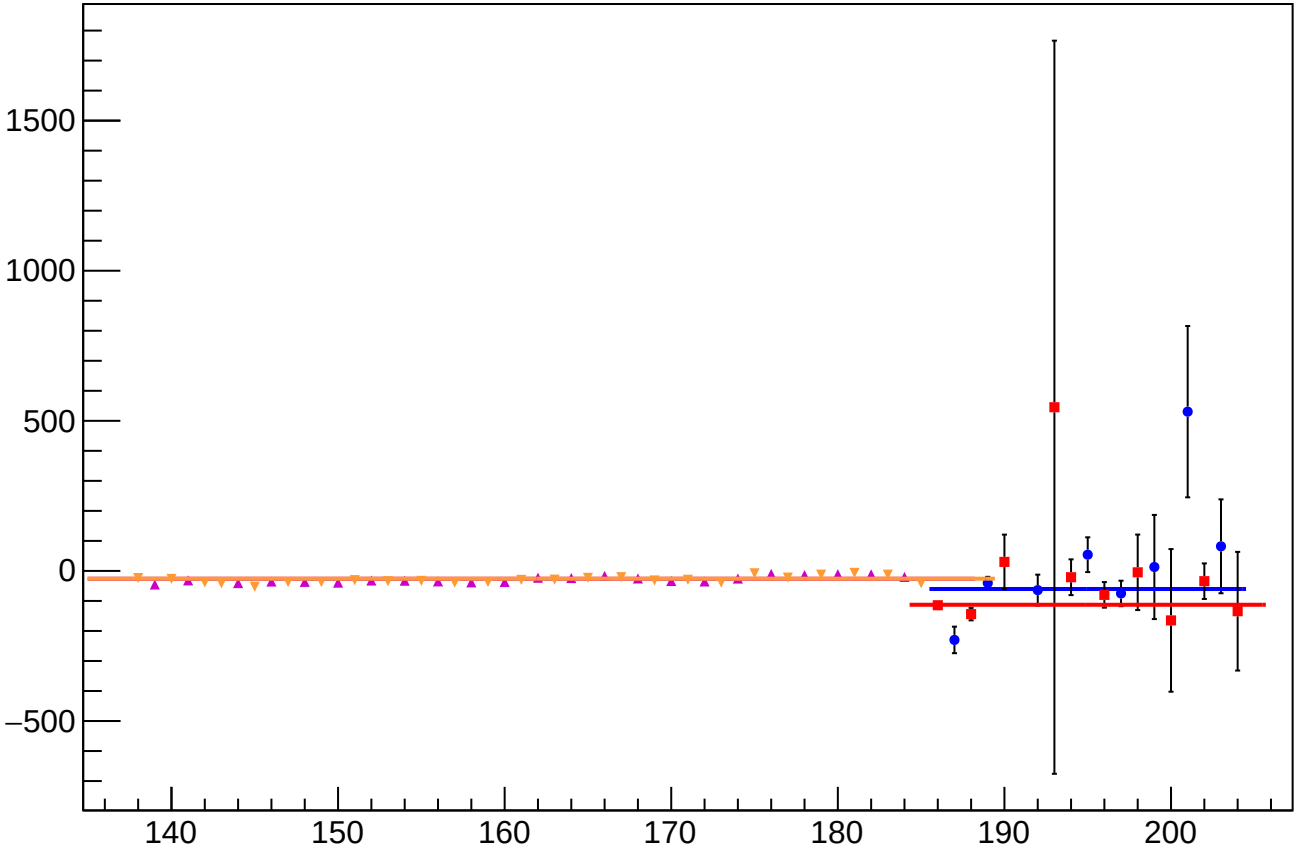
Right: -20.616+/-0.014 χ^2/NDF: 24487.5/52

In: -19.619+/-0.007 χ^2/NDF:69771.5/47

Out: -19.860+/-0.007 χ^2/NDF:102158.8/52

All: -19.740+/-0.005 χ^2/NDF: 172475.7/100

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.200+/-15.440 χ^2/NDF: 25.0/7

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -112.727+/-8.210 χ^2/NDF: 10.6/9

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

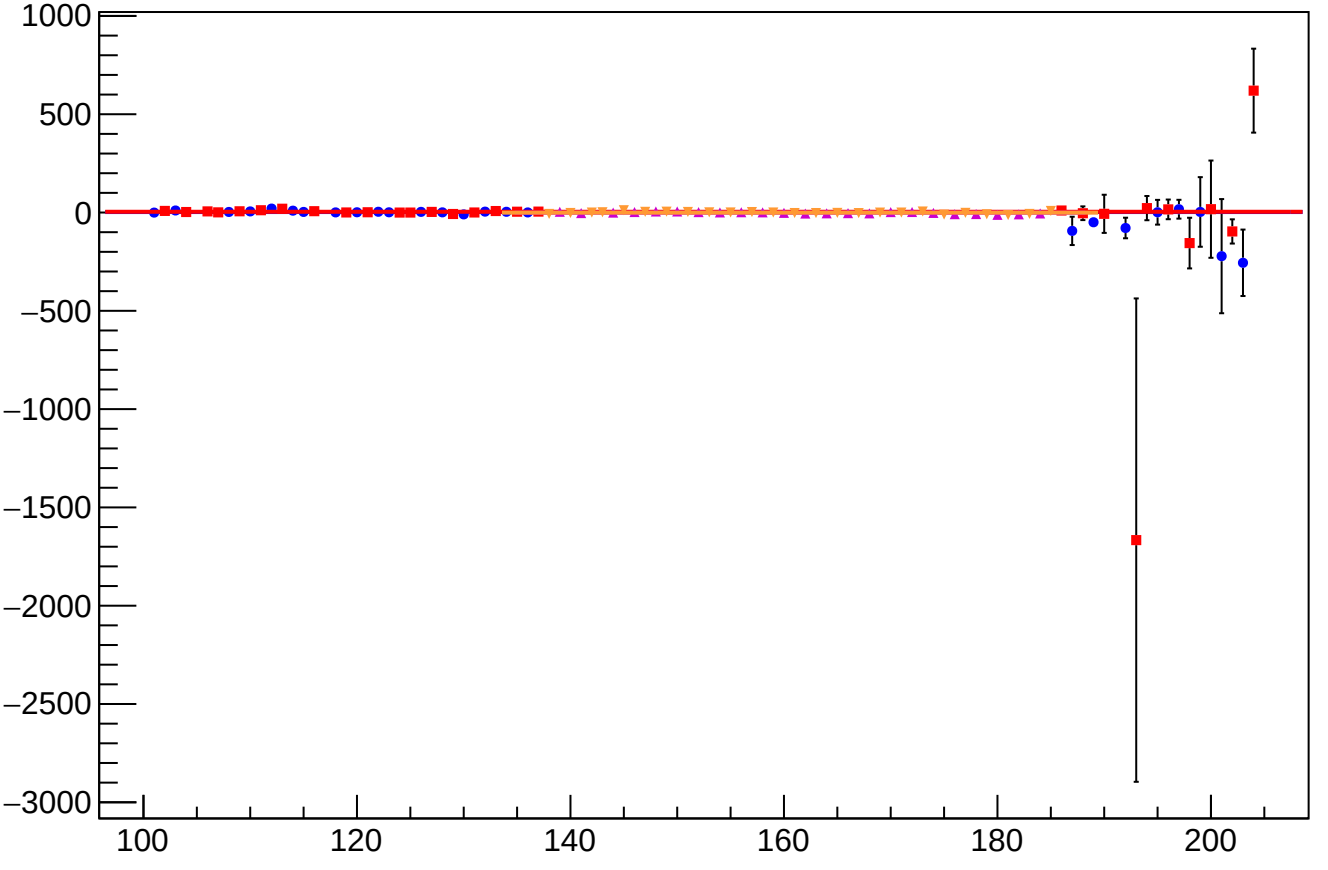
Right: -101.148+/-7.249 χ^2/NDF: 44.6/17

In: -26.205+/-0.194 χ^2/NDF:3374.5/30

Out: -25.862+/-0.192 χ^2/NDF:4217.1/34

All: -26.032+/-0.137 χ^2/NDF: 7593.2/65

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.433+/-0.311 χ^2/NDF: 305.5/24

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.861+/-0.327 χ^2/NDF: 283.7/27

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

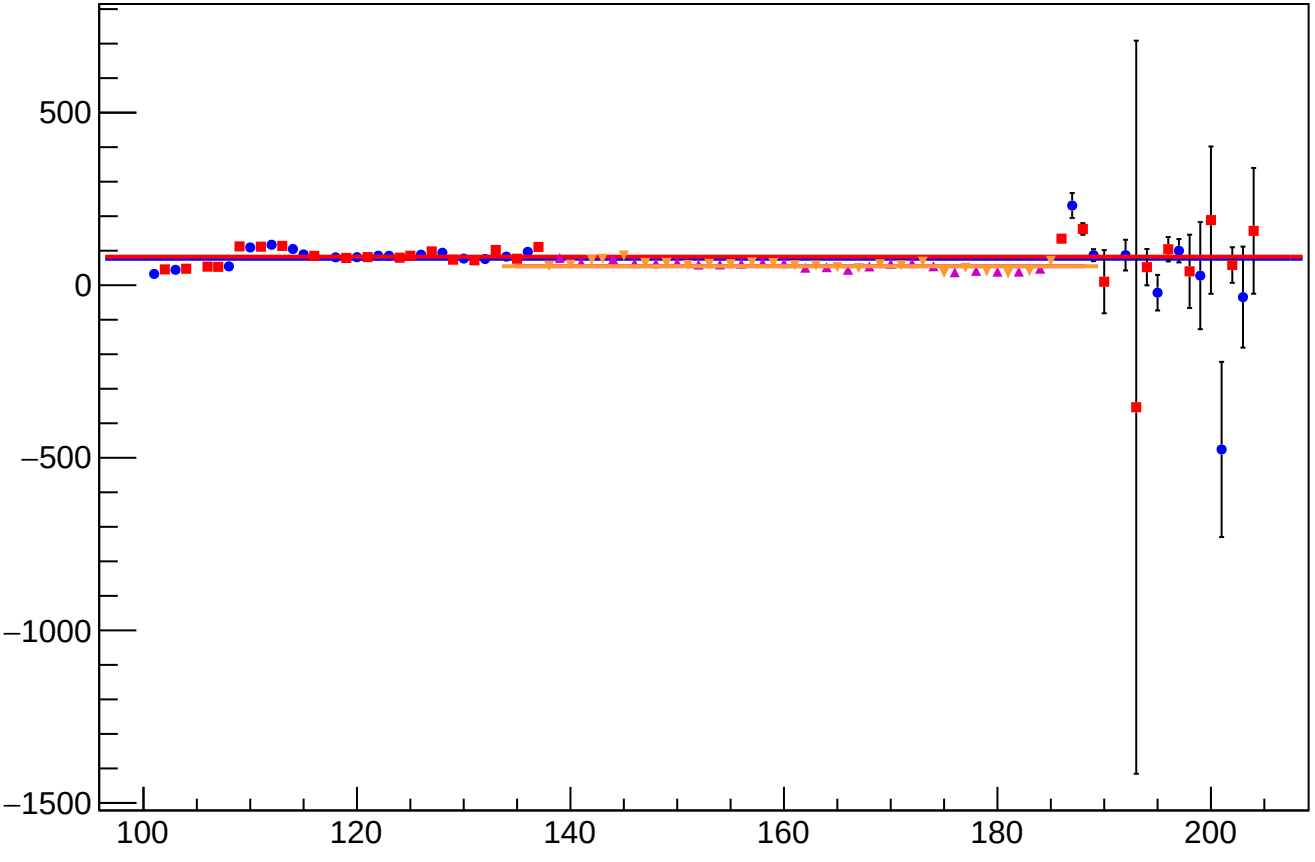
Right: 3.112+/-0.225 χ^2/NDF: 599.2/52

In: -0.167+/-0.135 χ^2/NDF:1503.0/47

Out: 0.127+/-0.134 χ^2/NDF:1743.9/52

All: -0.019+/-0.095 χ^2/NDF: 3249.2/100

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.728+/-0.573 χ^2/NDF: 2293.3/24

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.667+/-0.591 χ^2/NDF: 1622.8/27

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

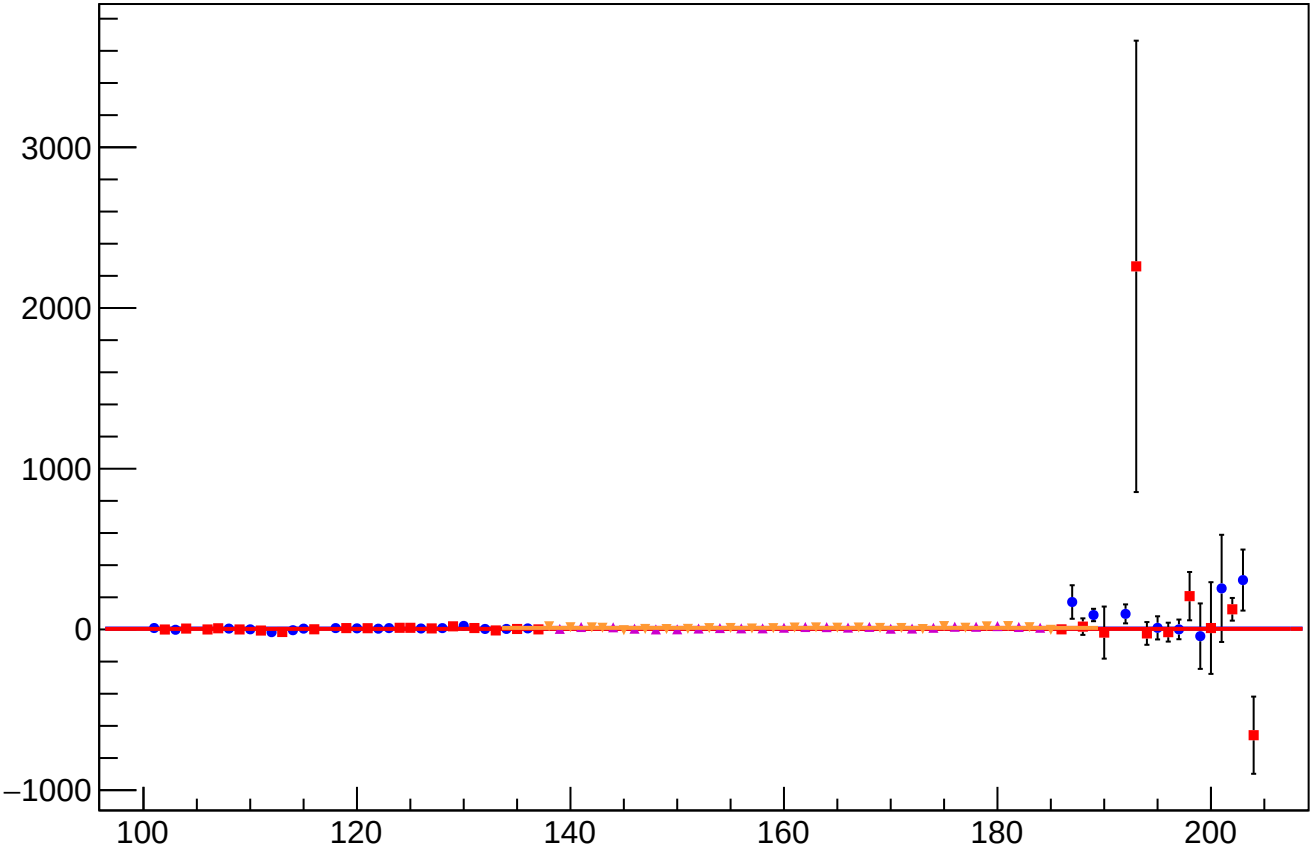
Right: 79.607+/-0.411 χ^2/NDF: 3968.1/52

In: 57.438+/-0.183 χ^2/NDF:7341.0/47

Out: 57.649+/-0.183 χ^2/NDF:8107.5/52

All: 57.544+/-0.129 χ^2/NDF: 15449.1/100

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.453+/-0.357 χ^2/NDF: 398.8/24

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.425+/-0.376 χ^2/NDF: 438.3/27

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

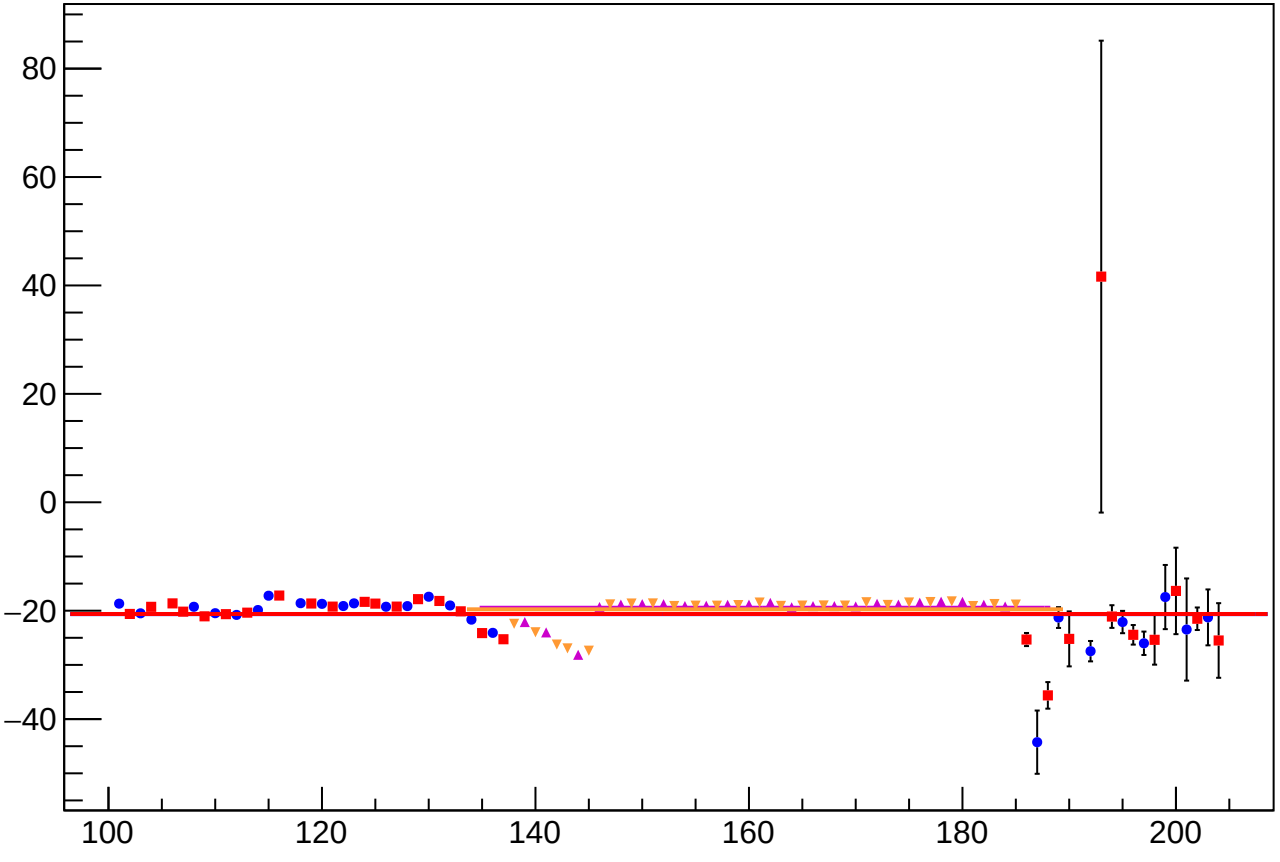
Right: 4.489+/-0.259 χ^2/NDF: 852.4/52

In: 8.913+/-0.155 χ^2/NDF:1712.0/47

Out: 8.643+/-0.154 χ^2/NDF:2110.3/52

All: 8.777+/-0.109 χ^2/NDF: 3823.9/100

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.633+/-0.019 χ^2/NDF: 12567.6/24

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11962.7/27

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

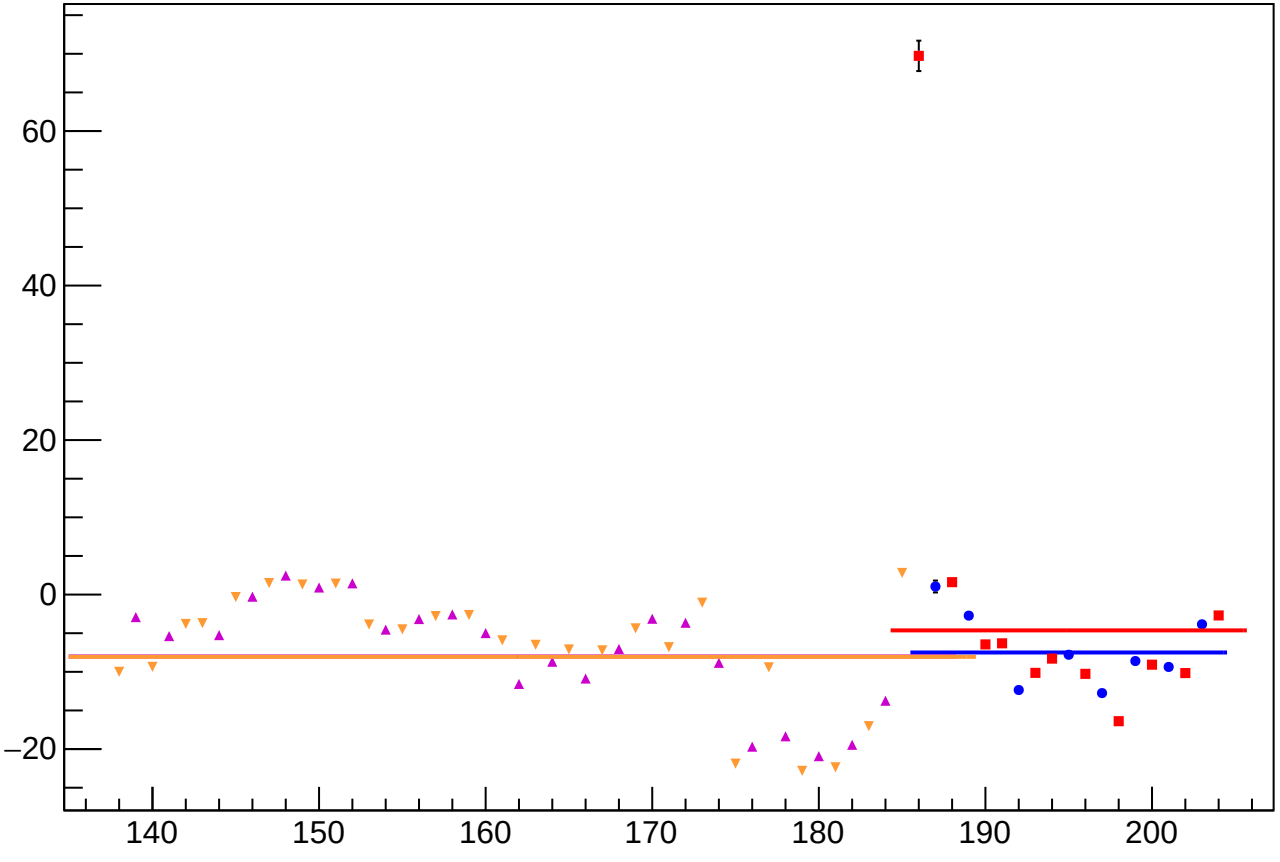
Right: -20.621+/-0.014 χ^2/NDF: 24531.1/52

In: -19.627+/-0.007 χ^2/NDF:69743.9/47

Out: -19.868+/-0.007 χ^2/NDF:102021.5/52

All: -19.748+/-0.005 χ^2/NDF: 172307.0/100

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.496+/-0.150 χ^2/NDF: 713.4/7

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -4.635+/-0.111 χ^2/NDF: 4013.6/10

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

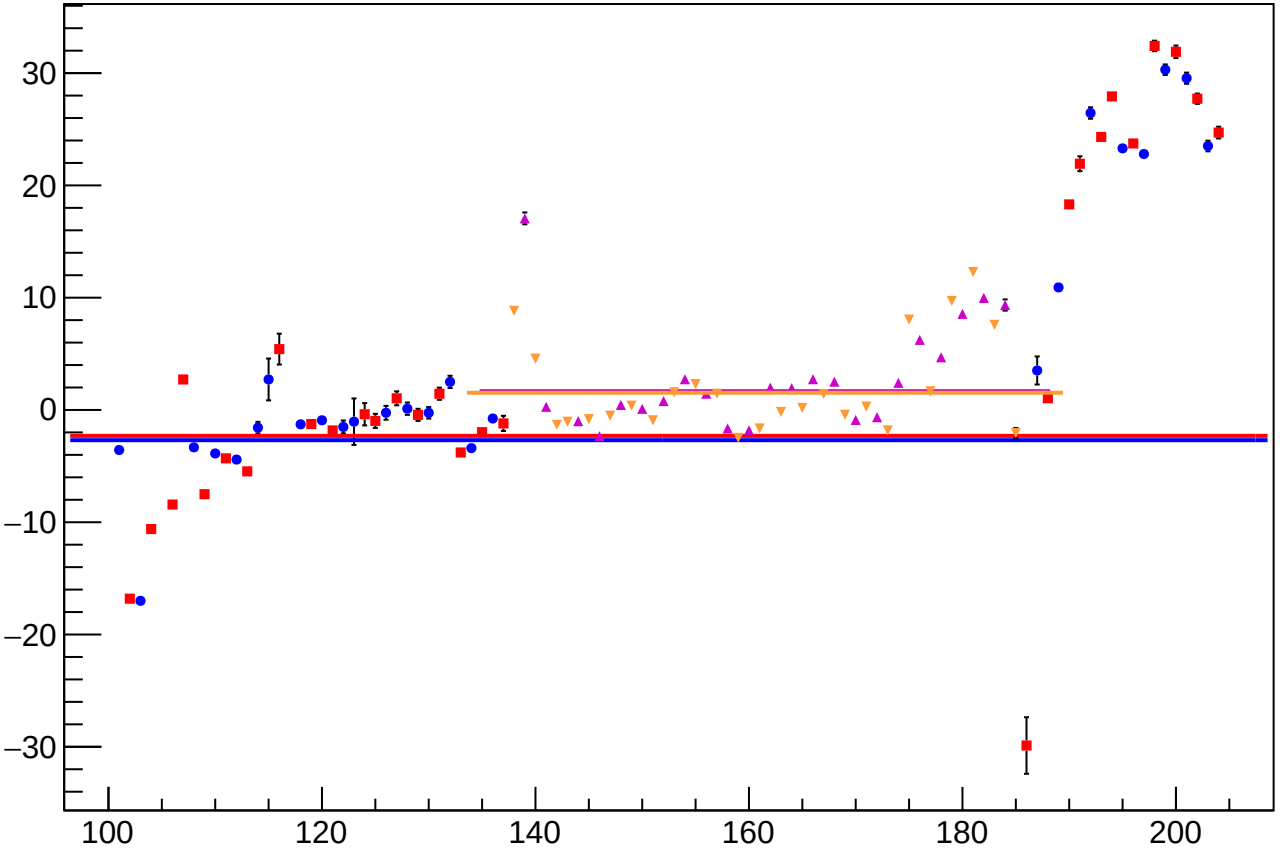
Right: -5.645+/-0.089 χ^2/NDF: 4961.5/18

In: -7.915+/-0.064 χ^2/NDF:11354.1/30

Out: -7.076+/-0.059 χ^2/NDF:17223.4/35

All: -7.462+/-0.044 χ^2/NDF: 28669.0/66

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.692+/-0.052 χ^2/NDF: 36421.2/24

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -2.307+/-0.055 χ^2/NDF: 51024.3/28

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

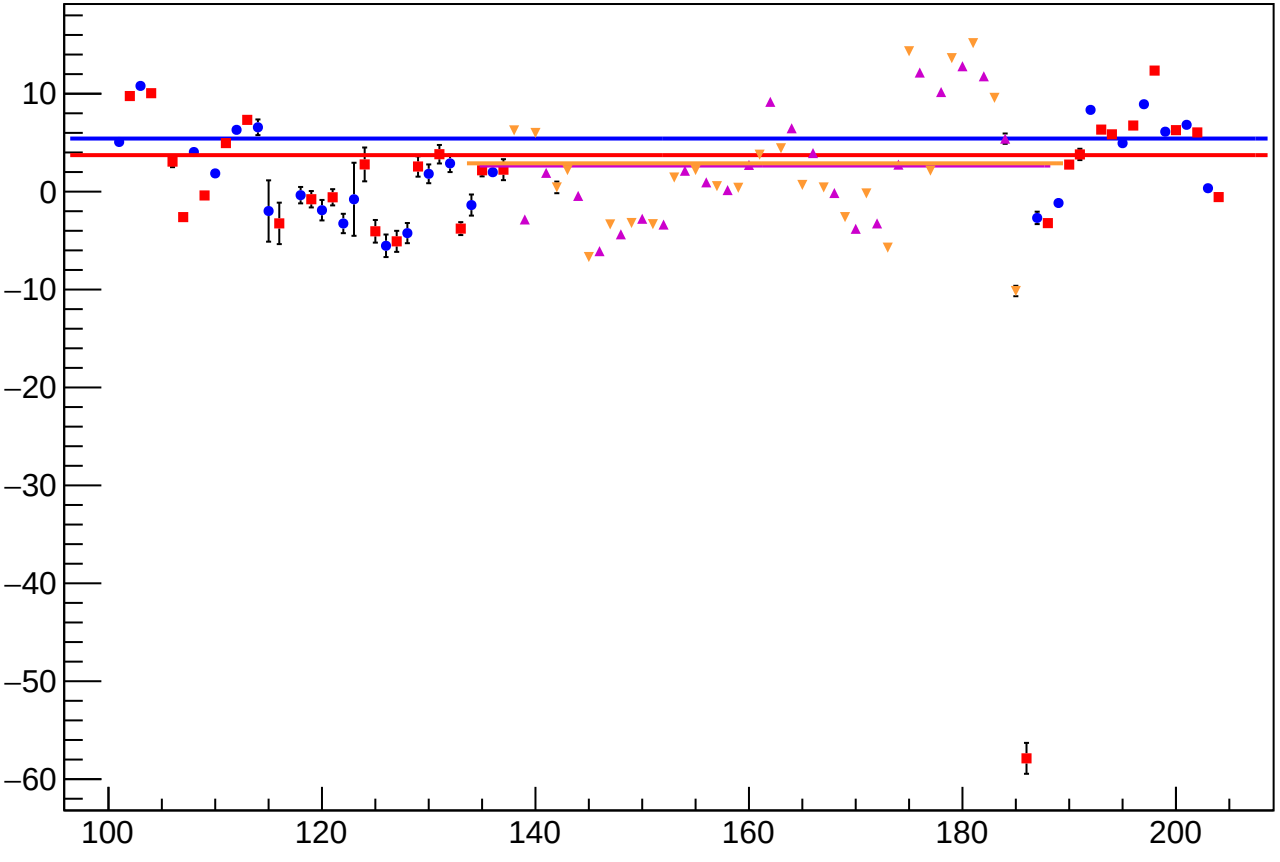
Right: -2.509+/-0.038 χ^2/NDF: 87471.6/53

In: -0.685+/-0.038 χ^2/NDF:43763.2/47

Out: -0.381+/-0.039 χ^2/NDF:58320.3/53

All: -0.535+/-0.027 χ^2/NDF: 102114.9/101

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.421+/-0.074 χ^2/NDF: 2390.2/24

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.727+/-0.068 χ^2/NDF: 7481.7/28

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

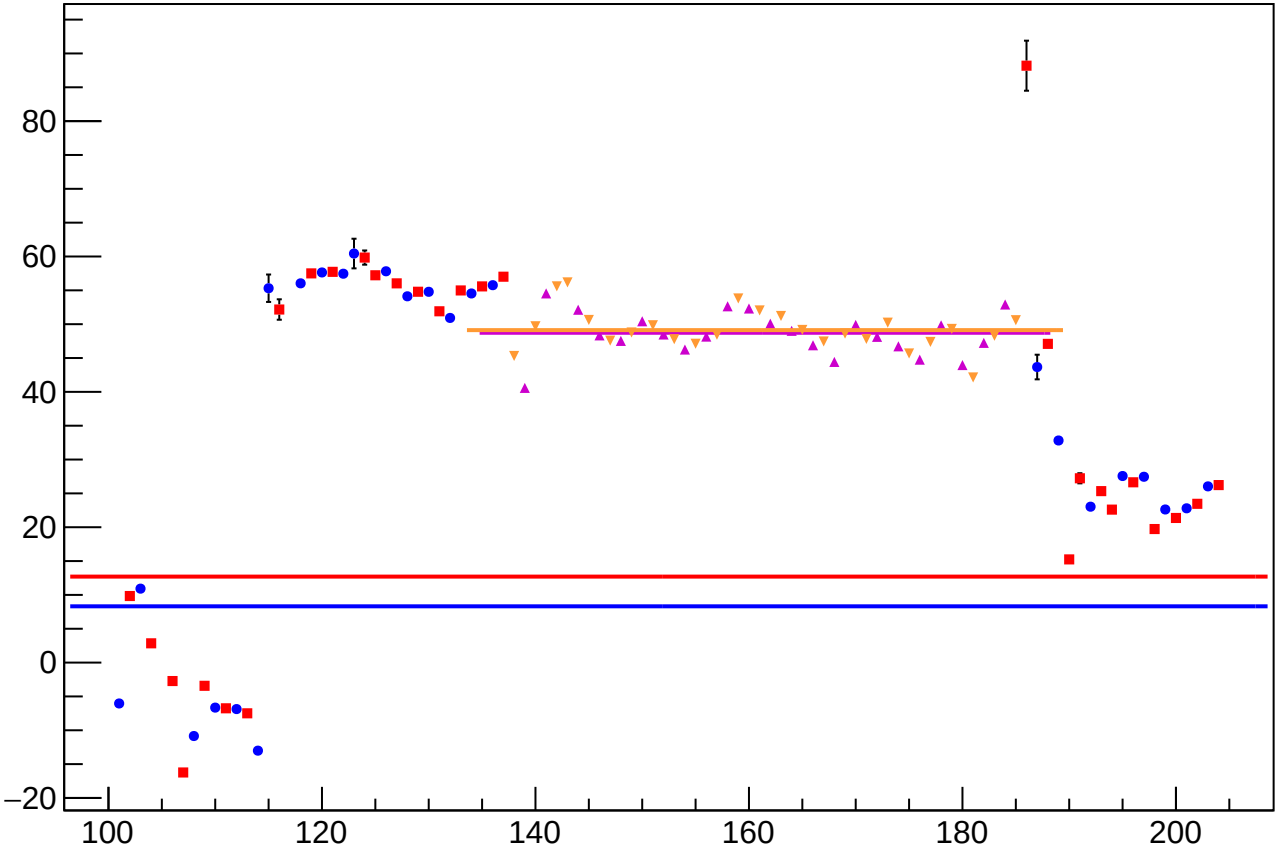
Right: 4.500+/-0.050 χ^2/NDF: 10153.2/53

In: 3.977+/-0.051 χ^2/NDF:10417.1/47

Out: 3.322+/-0.049 χ^2/NDF:16443.7/53

All: 3.634+/-0.035 χ^2/NDF: 26945.8/101

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.314+/-0.062 χ^2/NDF: 132725.5/24

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.705+/-0.065 χ^2/NDF: 134763.8/28

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

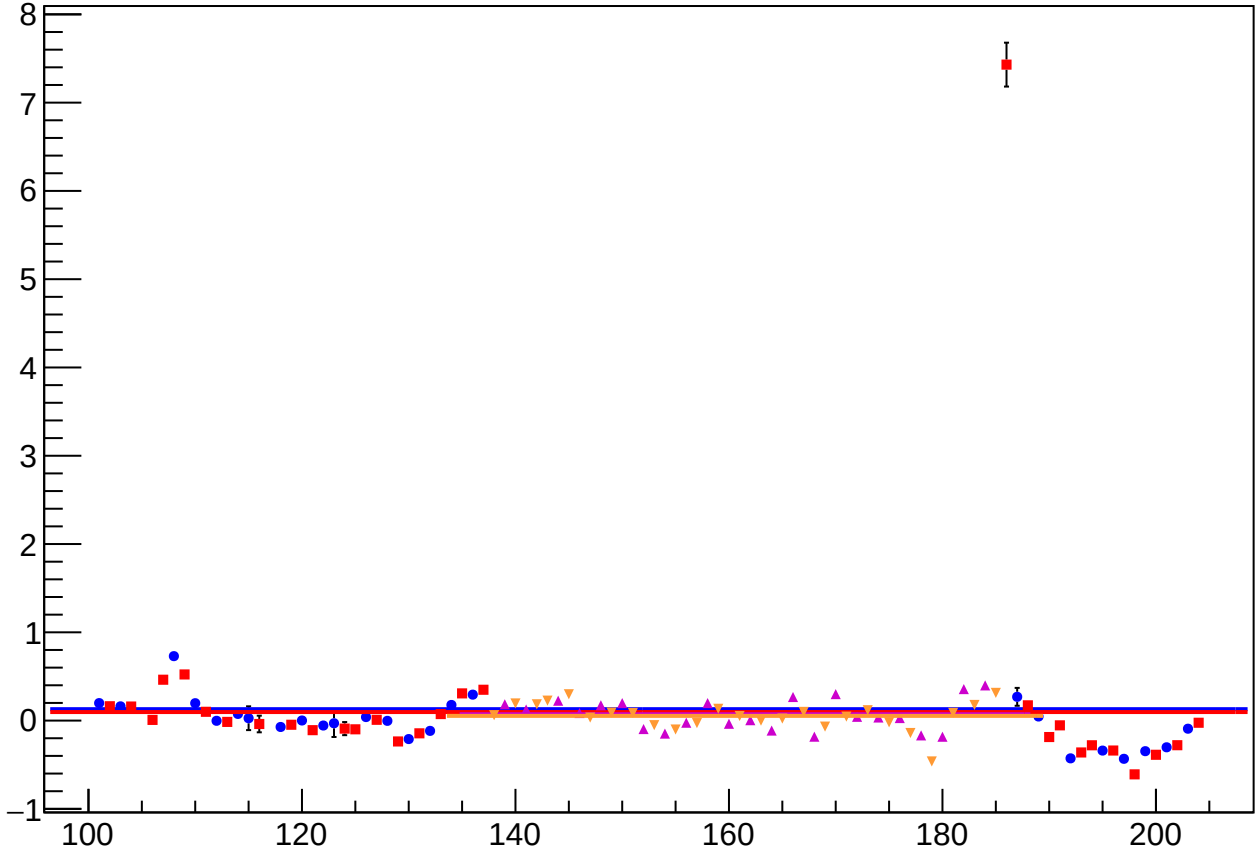
Right: 10.388+/-0.045 χ^2/NDF: 269892.8/53

In: 27.874+/-0.044 χ^2/NDF:343519.7/47

Out: 31.822+/-0.045 χ^2/NDF:301441.0/53

All: 29.821+/-0.031 χ^2/NDF: 648890.6/101

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.129+/-0.003 χ^2/NDF: 10260.9/24

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.097+/-0.002 χ^2/NDF: 10815.6/28

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

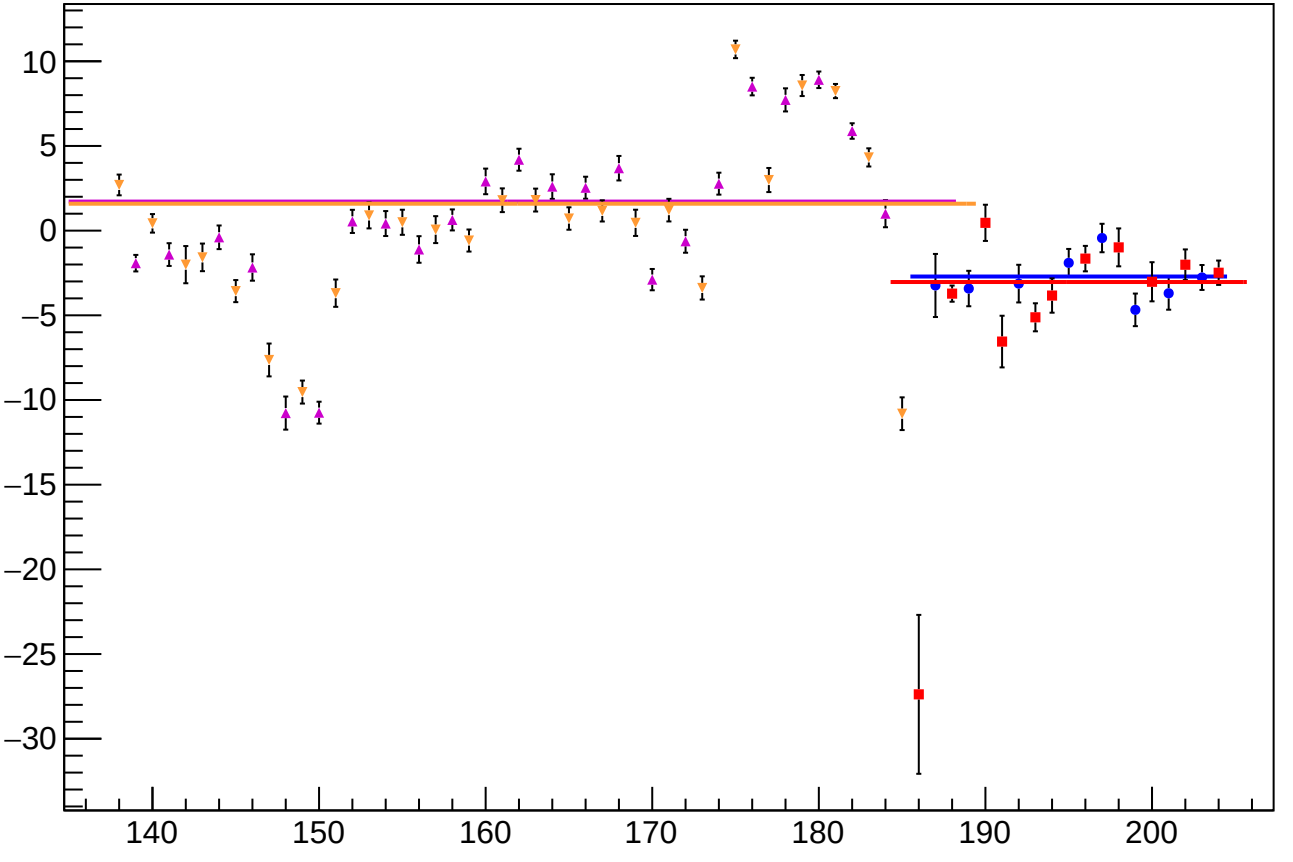
Right: 0.112+/-0.002 χ^2/NDF: 21163.4/53

In: 0.104+/-0.002 χ^2/NDF:13761.3/47

Out: 0.078+/-0.002 χ^2/NDF:13318.8/53

All: 0.091+/-0.001 χ^2/NDF: 27175.5/101

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.709+/-0.335 χ^2/NDF: 14.2/7

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.034+/-0.261 χ^2/NDF: 60.5/10

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

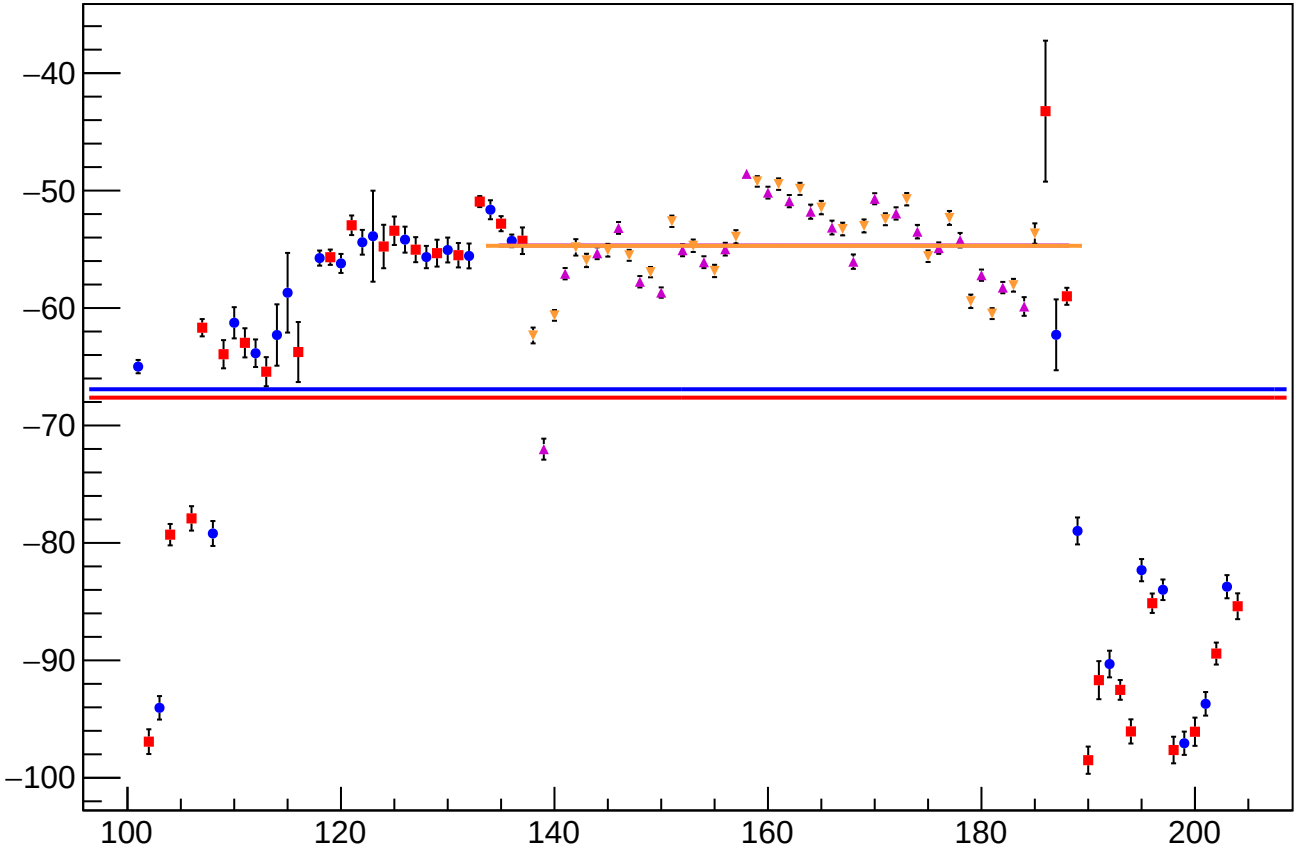
Right: -2.911+/-0.206 χ^2/NDF: 75.3/18

In: 1.105+/-0.125 χ^2/NDF:1477.8/30

Out: 0.638+/-0.118 χ^2/NDF:1766.8/35

All: 0.860+/-0.086 χ^2/NDF: 3251.9/66

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -66.915+/-0.192 χ^2/NDF: 6074.7/24

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -67.630+/-0.176 χ^2/NDF: 9530.4/28

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

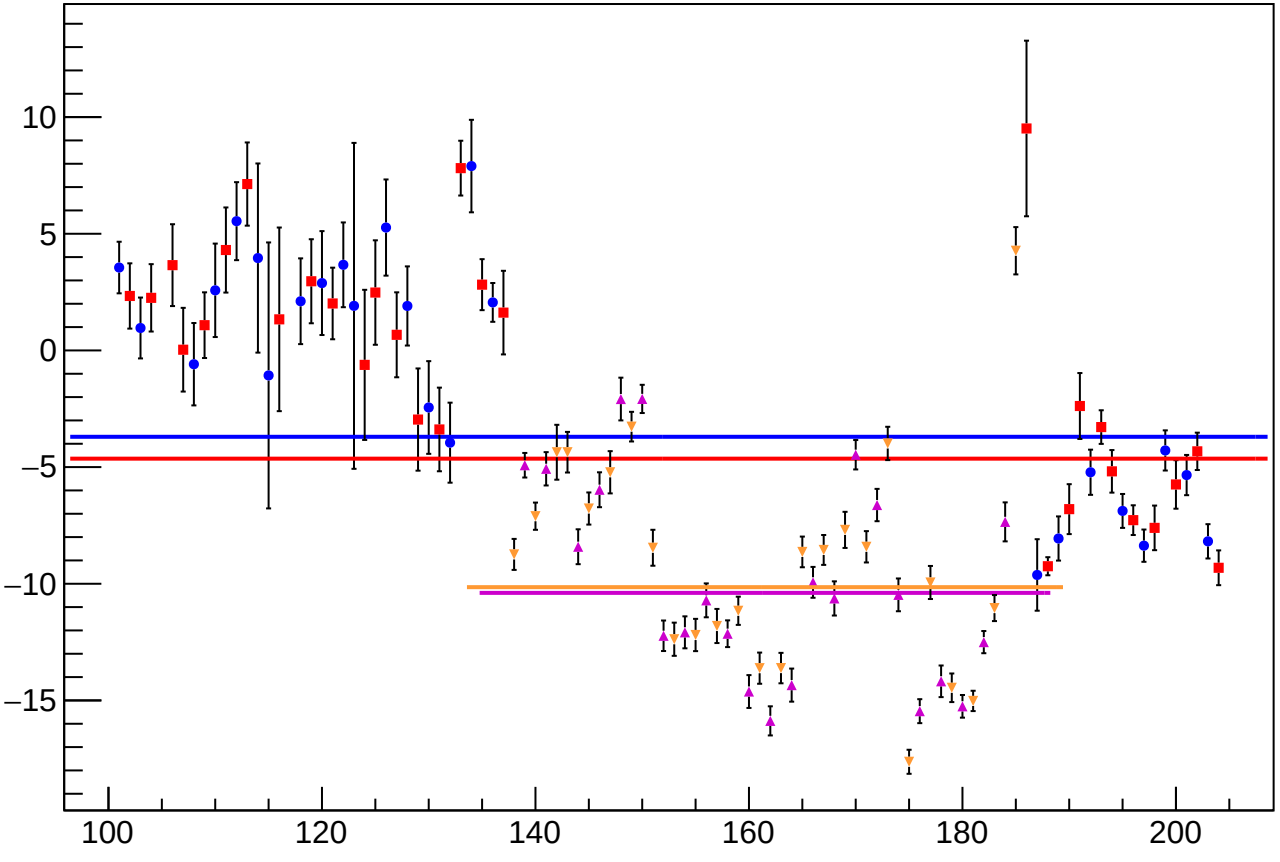
Right: -67.304+/-0.129 χ^2/NDF: 15612.7/53

In: -57.686+/-0.095 χ^2/NDF:10289.2/47

Out: -58.152+/-0.091 χ^2/NDF:14627.9/53

All: -57.930+/-0.066 χ^2/NDF: 24929.6/101

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.701+/-0.241 χ^2/NDF: 396.0/24

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.638+/-0.198 χ^2/NDF: 625.9/28

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

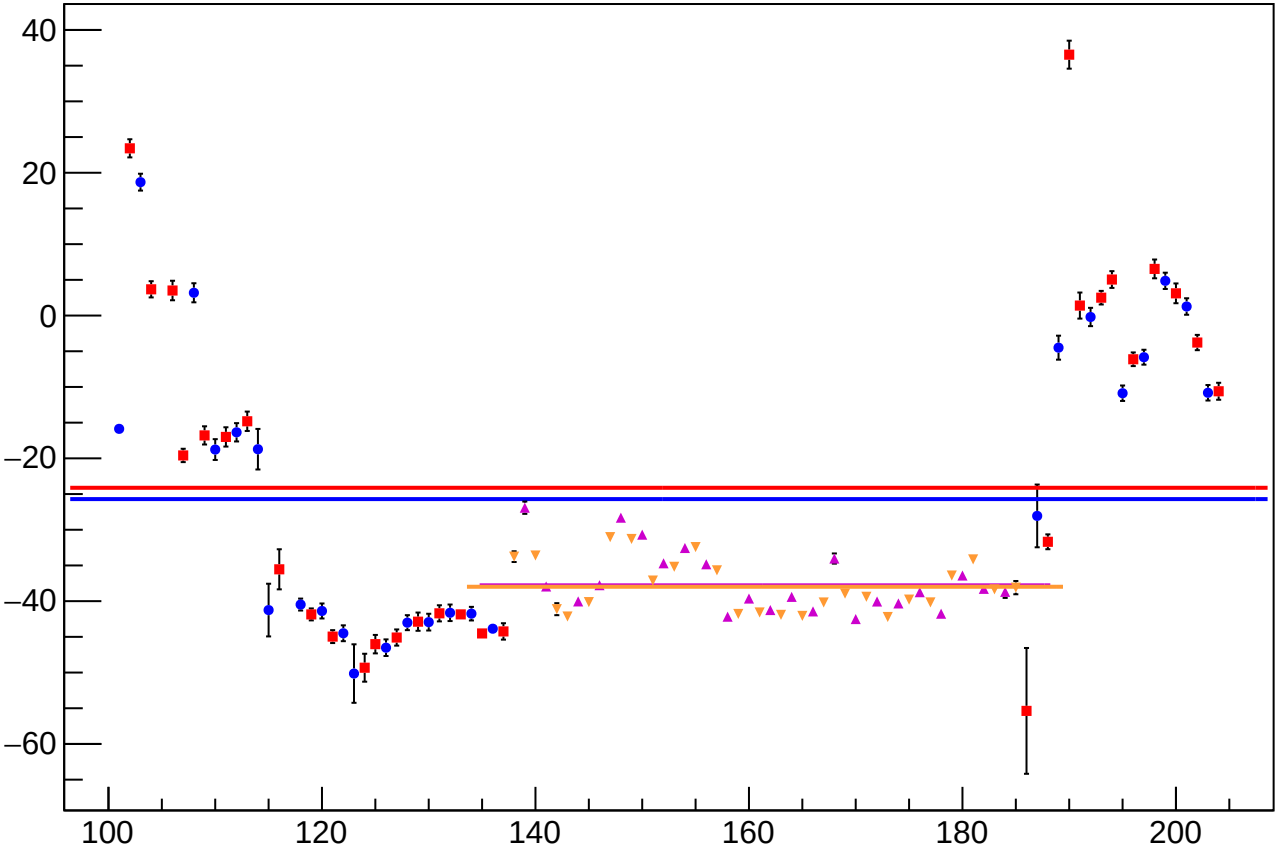
Right: -4.261+/-0.153 χ^2/NDF: 1030.9/53

In: -8.812+/-0.117 χ^2/NDF:2010.9/47

Out: -8.427+/-0.110 χ^2/NDF:2211.8/53

All: -8.609+/-0.080 χ^2/NDF: 4228.4/101

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.706+/-0.220 χ^2/NDF: 8009.4/24

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -24.122+/-0.205 χ^2/NDF: 11403.0/28

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

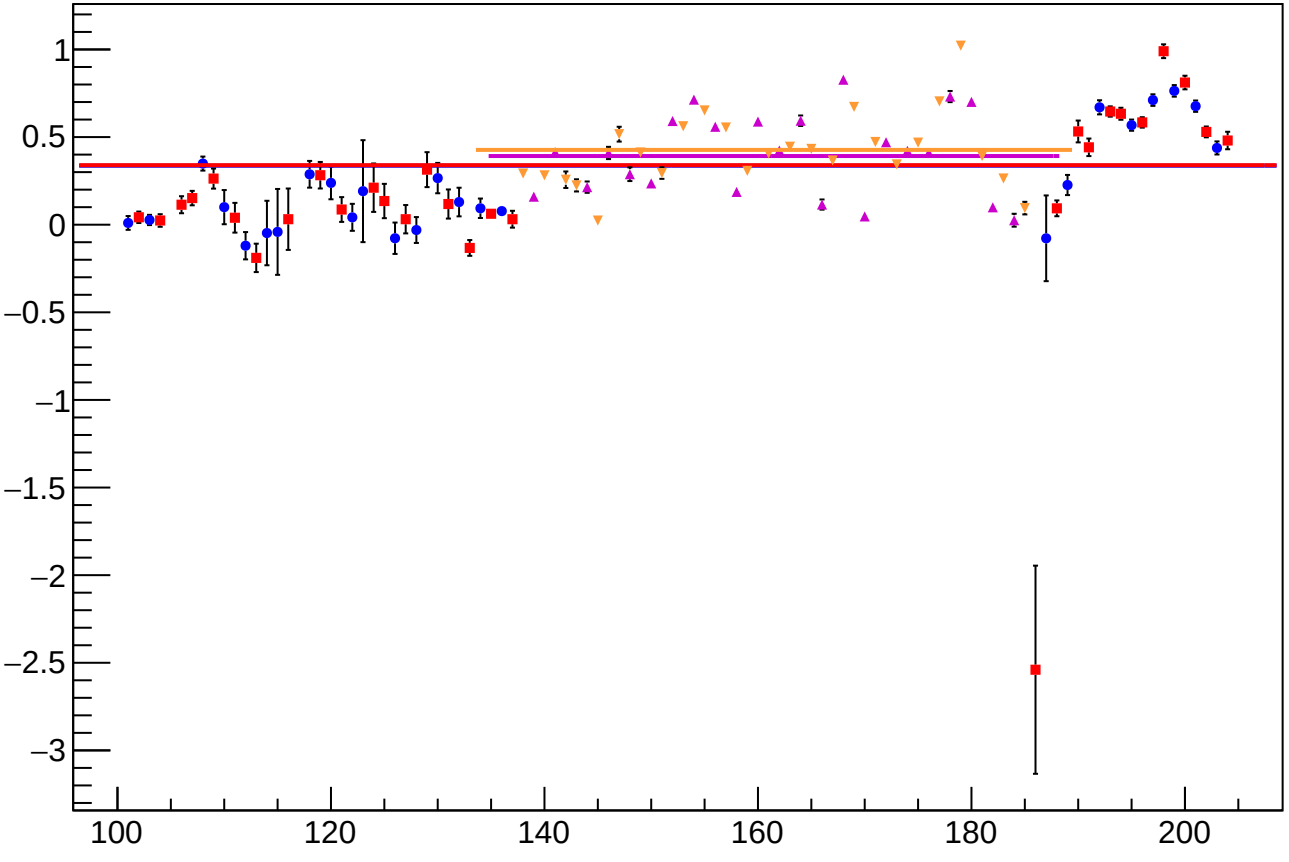
Right: -24.858+/-0.150 χ^2/NDF: 19440.2/53

In: -34.948+/-0.107 χ^2/NDF:11394.5/47

Out: -34.490+/-0.103 χ^2/NDF:15759.5/53

All: -34.711+/-0.074 χ^2/NDF: 27163.6/101

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.337+/-0.009 χ^2/NDF: 994.5/24

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.340+/-0.009 χ^2/NDF: 1347.6/28

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

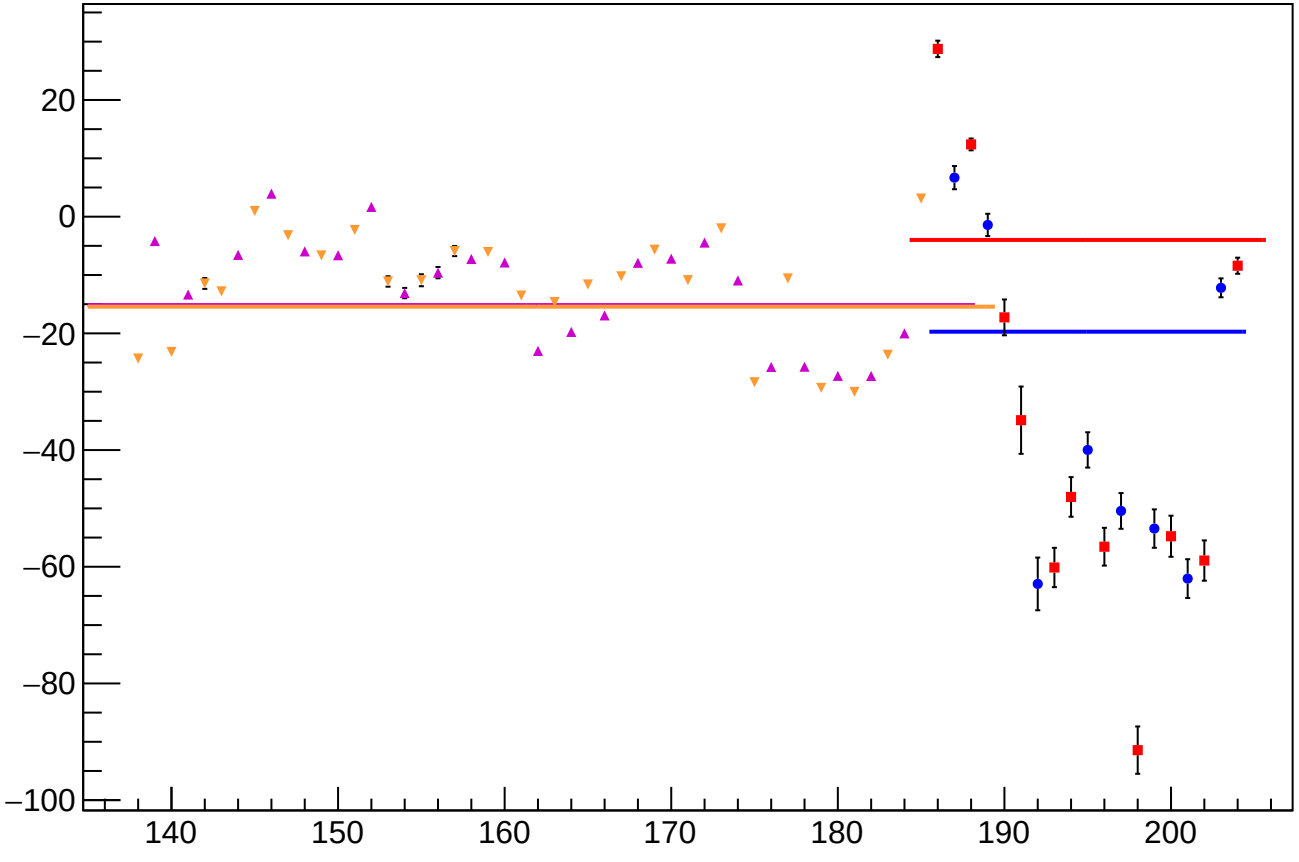
Right: 0.338+/-0.006 χ^2/NDF: 2342.1/53

In: 0.378+/-0.005 χ^2/NDF:2856.6/47

Out: 0.402+/-0.005 χ^2/NDF:2715.6/53

All: 0.390+/-0.003 χ^2/NDF: 5585.8/101

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.714+/-0.859 χ^2/NDF: 794.2/7

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: -3.989+/-0.616 χ^2/NDF: 2493.5/10

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

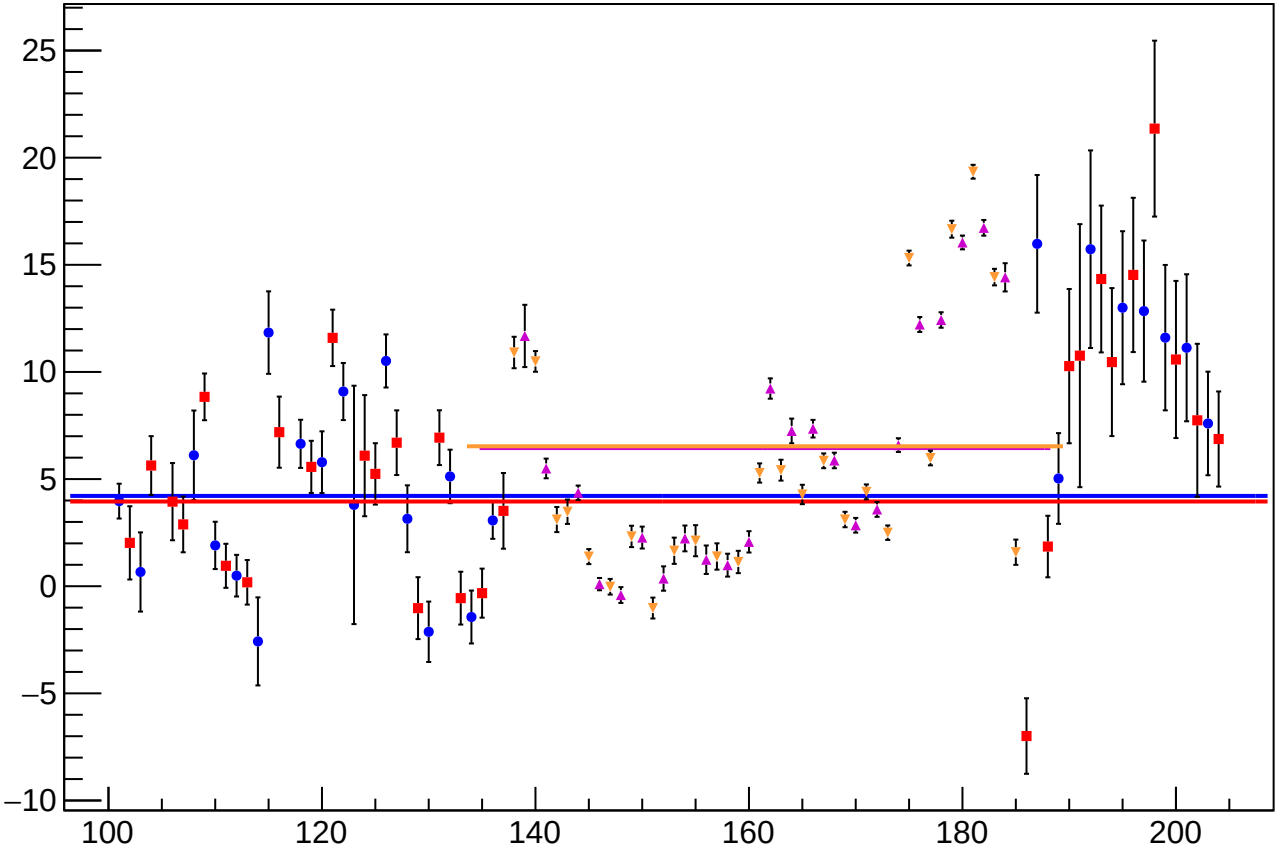
Right: -9.331+/-0.501 χ^2/NDF: 3509.0/18

In: -15.220+/-0.105 χ^2/NDF:9566.3/30

Out: -15.102+/-0.104 χ^2/NDF:13328.0/35

All: -15.160+/-0.074 χ^2/NDF: 22895.0/66

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.215+/-0.296 χ^2/NDF: 182.7/24

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.953+/-0.294 χ^2/NDF: 224.3/28

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

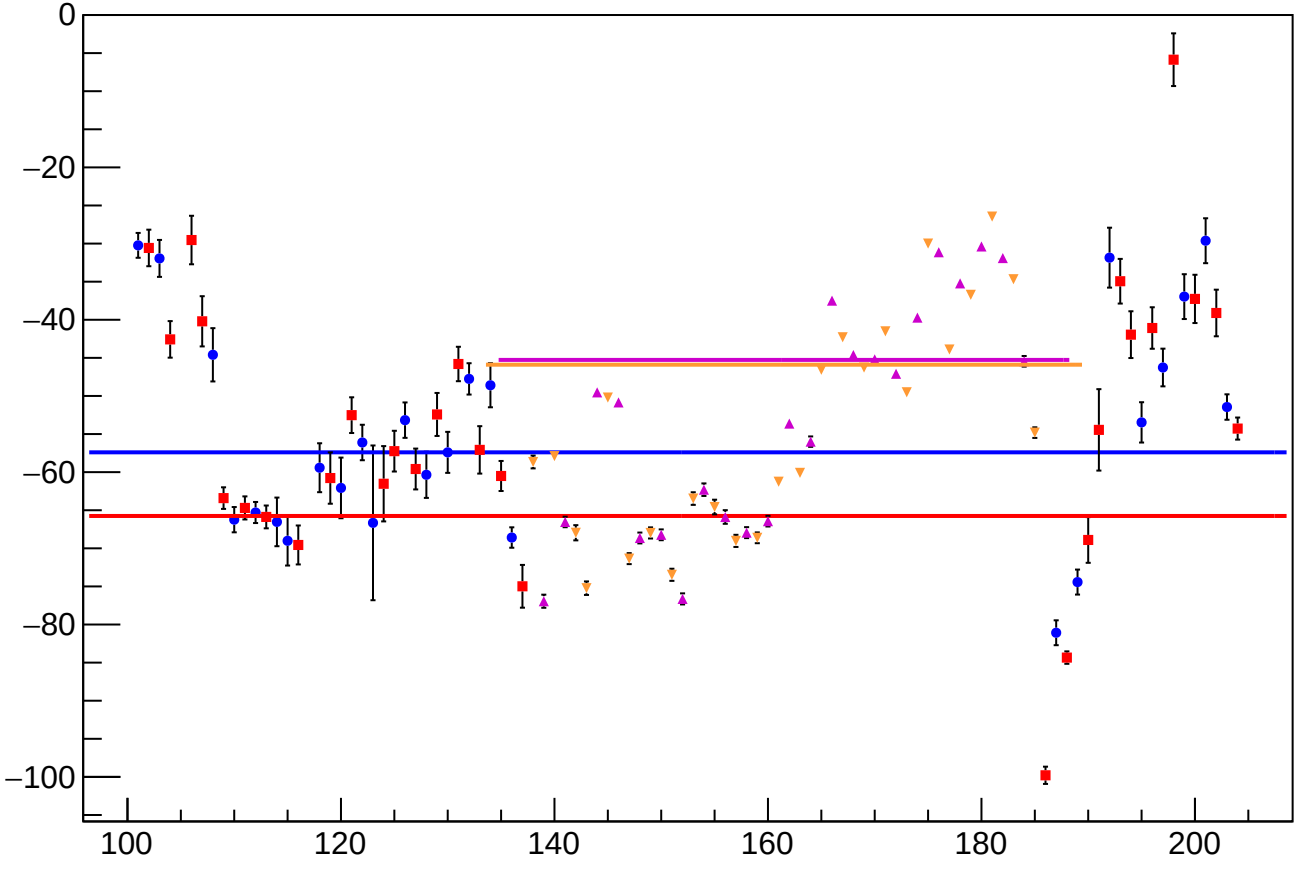
Right: 4.083+/-0.209 χ^2/NDF: 407.4/53

In: 6.275+/-0.082 χ^2/NDF:4190.8/47

Out: 6.330+/-0.082 χ^2/NDF:5264.6/53

All: 6.303+/-0.058 χ^2/NDF: 9455.5/101

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -57.400+/-0.442 χ^2/NDF: 1123.2/24

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -65.752+/-0.377 χ^2/NDF: 2878.2/28

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

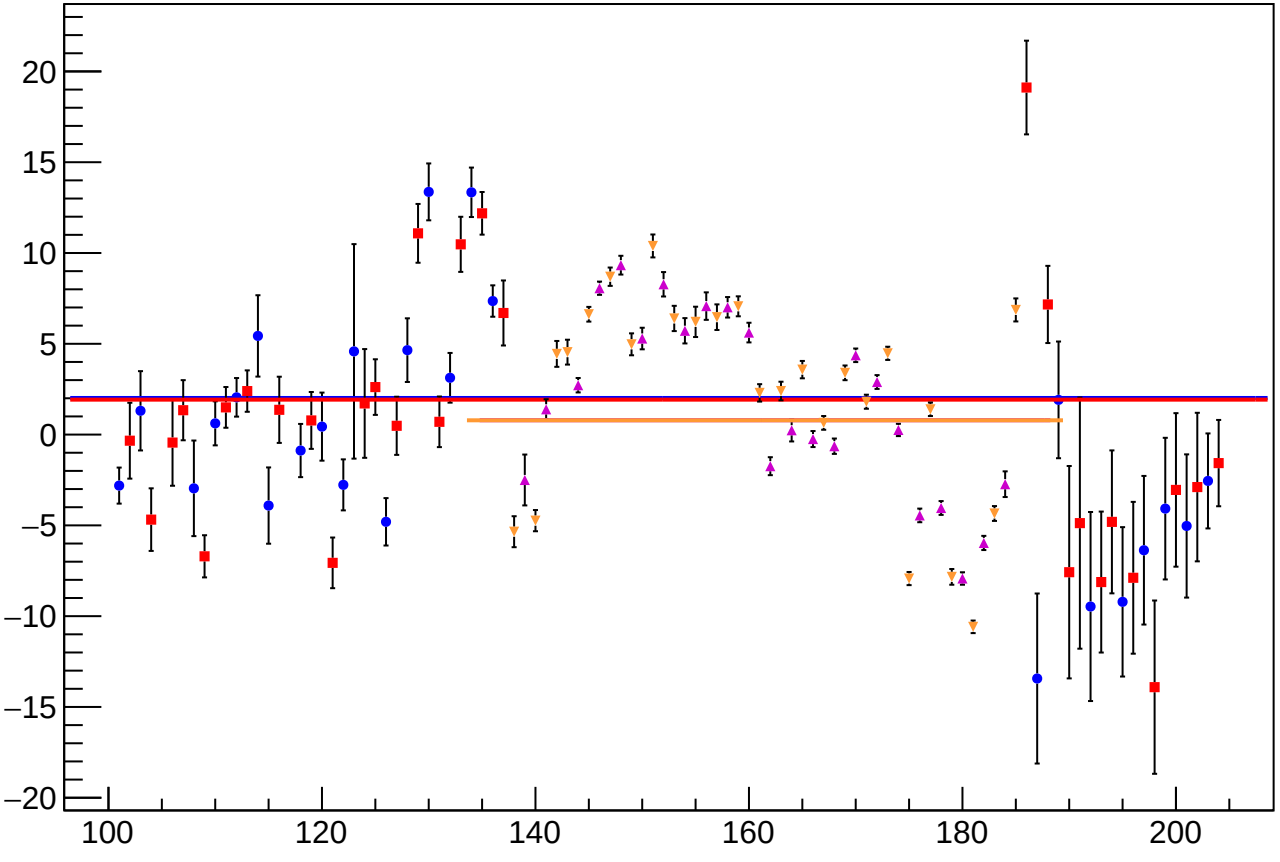
Right: -62.232+/-0.287 χ^2/NDF: 4207.7/53

In: -45.936+/-0.104 χ^2/NDF:17609.9/47

Out: -47.357+/-0.102 χ^2/NDF:22575.0/53

All: -46.656+/-0.073 χ^2/NDF: 40279.9/101

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.016+/-0.334 χ^2/NDF: 281.4/24

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 1.924+/-0.336 χ^2/NDF: 348.8/28

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

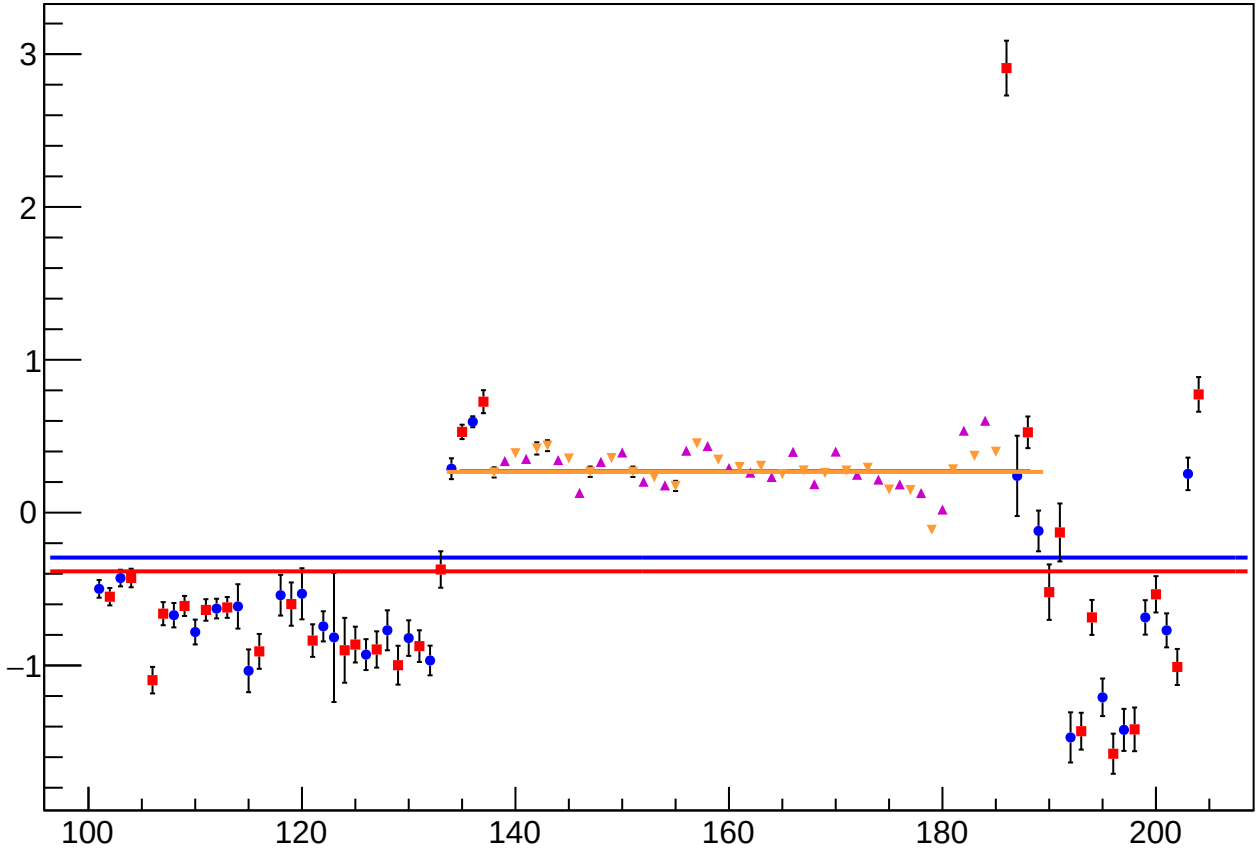
Right: 1.970+/-0.237 χ^2/NDF: 630.3/53

In: 0.885+/-0.092 χ^2/NDF:2991.5/47

Out: 0.872+/-0.092 χ^2/NDF:4106.1/53

All: 0.878+/-0.065 χ^2/NDF: 7097.7/101

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.294+/-0.017 χ^2/NDF: 1204.9/24

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.384+/-0.017 χ^2/NDF: 1614.8/28

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

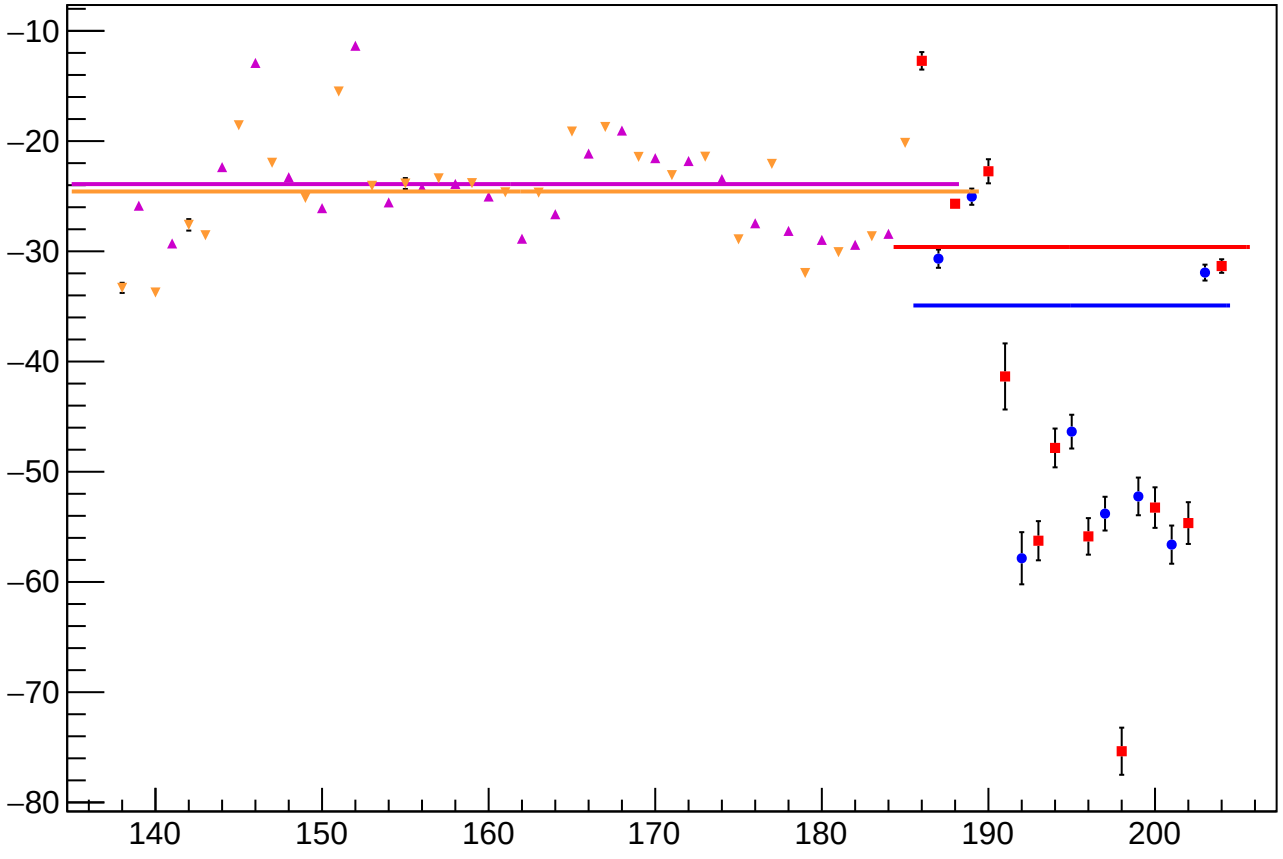
Right: -0.340+/-0.012 χ^2/NDF: 2833.3/53

In: 0.237+/-0.004 χ^2/NDF:3161.8/47

Out: 0.227+/-0.004 χ^2/NDF:3673.6/53

All: 0.231+/-0.003 χ^2/NDF: 6838.2/101

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.915+/-0.380 χ^2/NDF: 785.0/7

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -29.609+/-0.284 χ^2/NDF: 1979.1/10

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

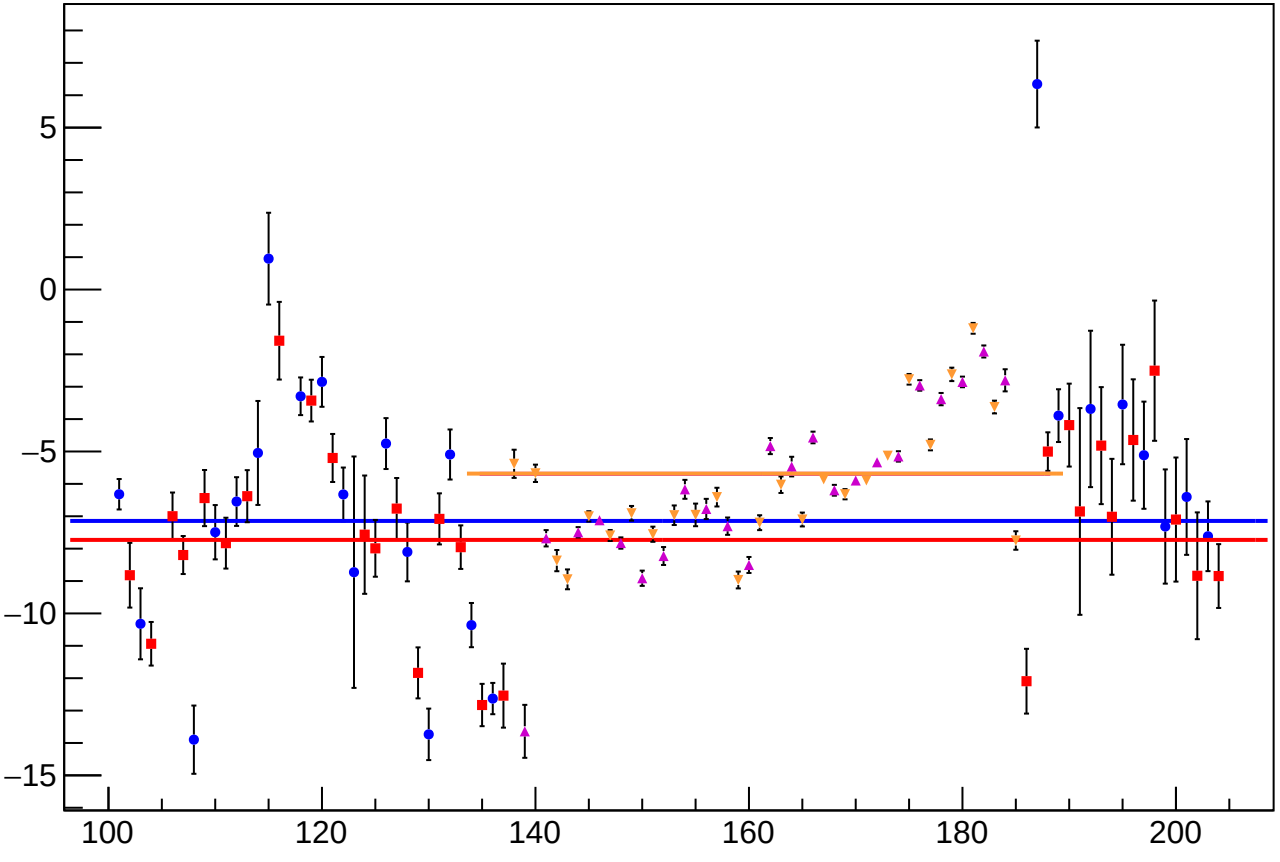
Right: -31.516+/-0.228 χ^2/NDF: 2889.2/18

In: -24.096+/-0.050 χ^2/NDF:10770.4/30

Out: -24.728+/-0.050 χ^2/NDF:10893.1/35

All: -24.413+/-0.036 χ^2/NDF: 21742.4/66

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.144+/-0.173 χ^2/NDF: 525.9/24

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.730+/-0.166 χ^2/NDF: 287.5/28

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

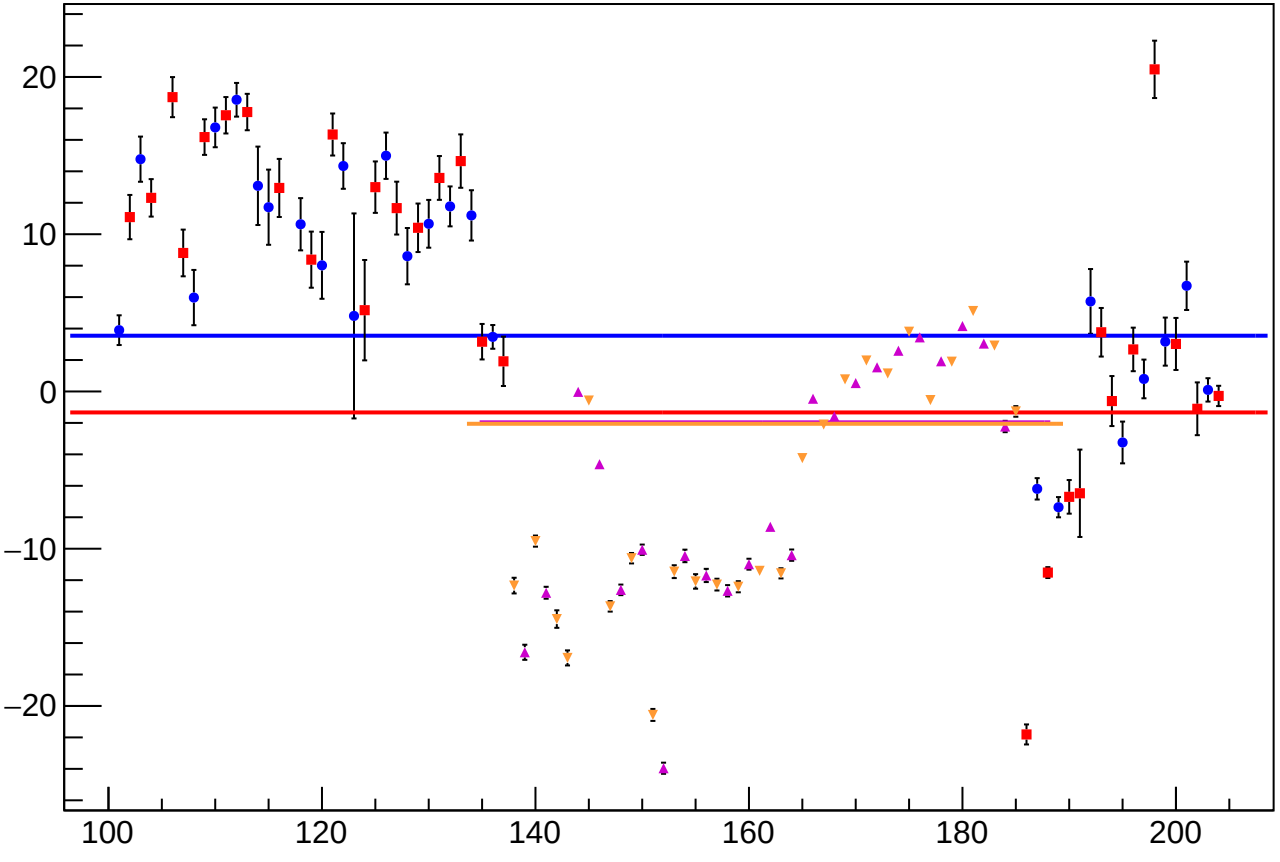
Right: -7.448+/-0.120 χ^2/NDF: 819.4/53

In: -5.766+/-0.040 χ^2/NDF:2921.1/47

Out: -5.801+/-0.040 χ^2/NDF:2661.1/53

All: -5.783+/-0.028 χ^2/NDF: 5582.7/101

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.545+/-0.239 χ^2/NDF: 1179.2/24

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.334+/-0.198 χ^2/NDF: 4066.4/28

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

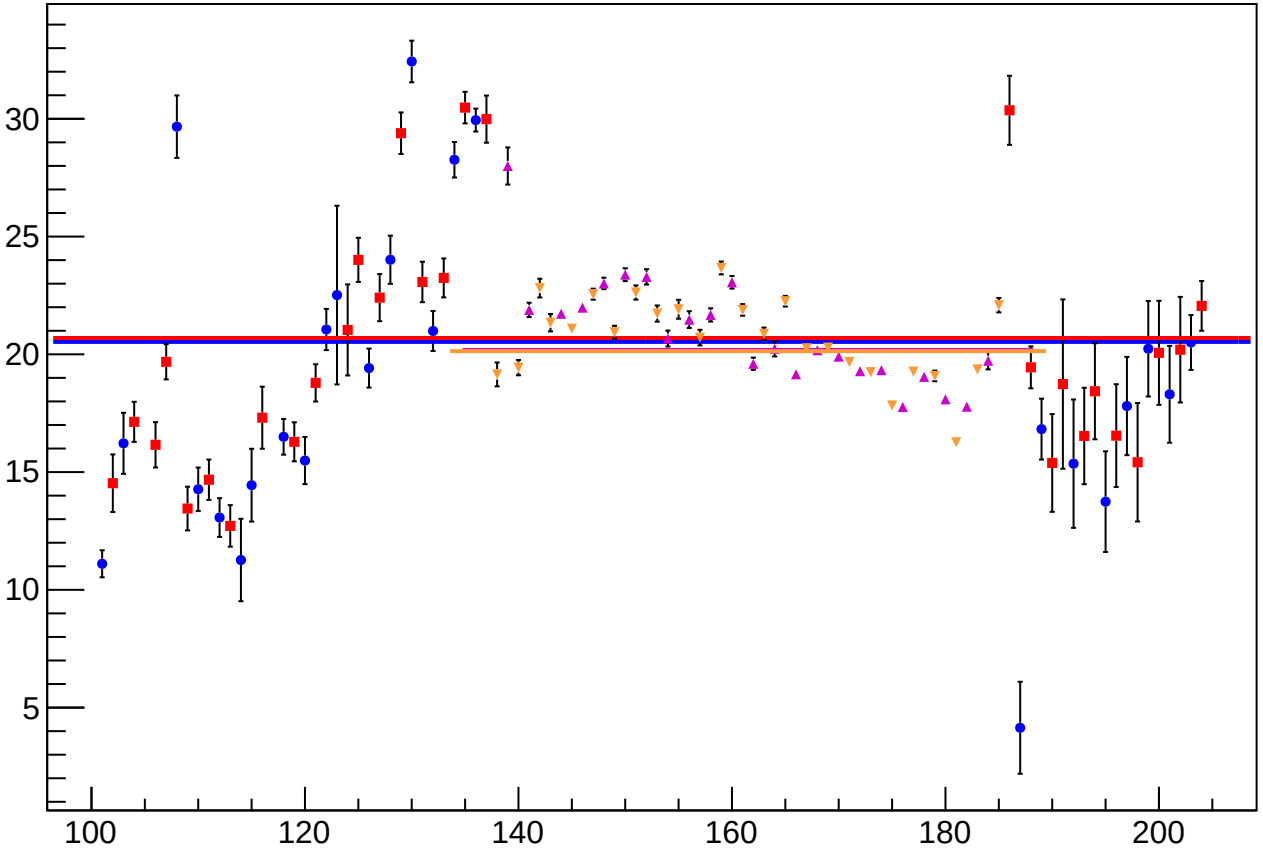
Right: 0.649+/-0.152 χ^2/NDF: 5493.2/53

In: -1.722+/-0.050 χ^2/NDF:17180.5/47

Out: -2.009+/-0.050 χ^2/NDF:20121.3/53

All: -1.866+/-0.035 χ^2/NDF: 37318.4/101

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.529+/-0.198 χ^2/NDF: 1325.0/24

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.694+/-0.195 χ^2/NDF: 795.8/28

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

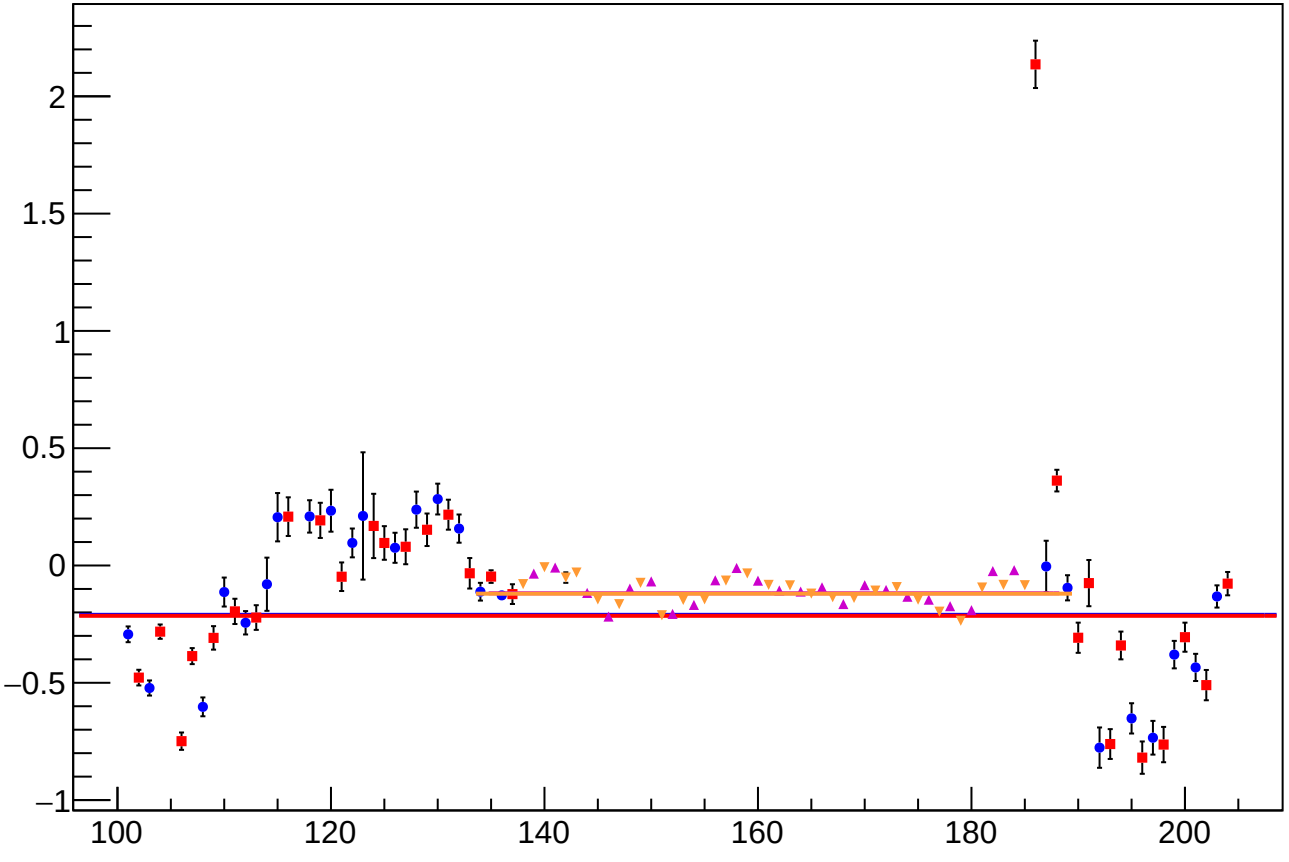
Right: 20.613+/-0.139 χ^2/NDF: 2121.1/53

In: 20.202+/-0.045 χ^2/NDF:2798.5/47

Out: 20.165+/-0.045 χ^2/NDF:2217.8/53

All: 20.184+/-0.032 χ^2/NDF: 5016.7/101

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.210+/-0.010 χ^2/NDF: 653.6/24

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.214+/-0.010 χ^2/NDF: 1476.6/28

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

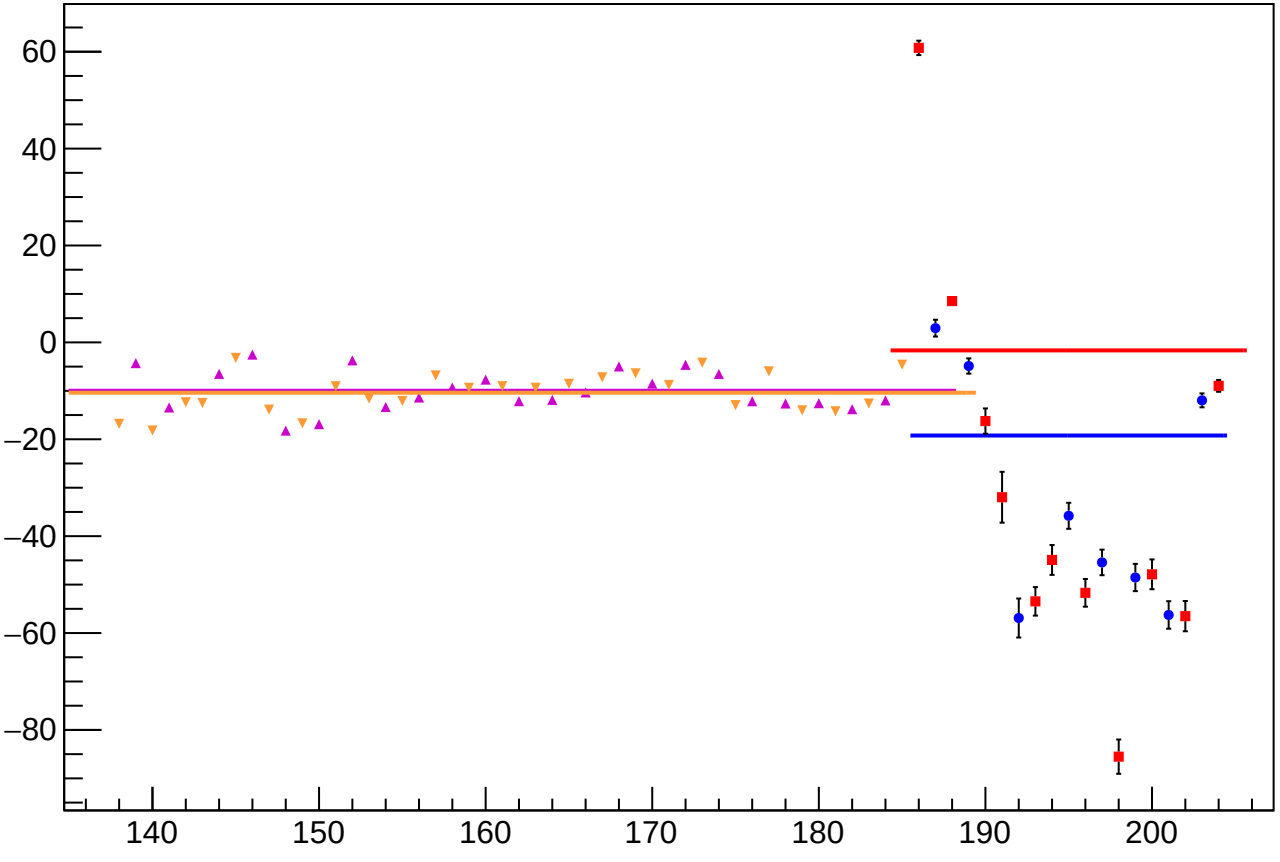
Right: -0.213+/-0.007 χ^2/NDF: 2130.3/53

In: -0.122+/-0.002 χ^2/NDF:1462.1/47

Out: -0.125+/-0.002 χ^2/NDF:2102.8/53

All: -0.123+/-0.001 χ^2/NDF: 3565.4/101

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.227+/-0.742 χ^2/NDF: 775.4/7

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: -1.655+/-0.551 χ^2/NDF: 3915.4/10

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

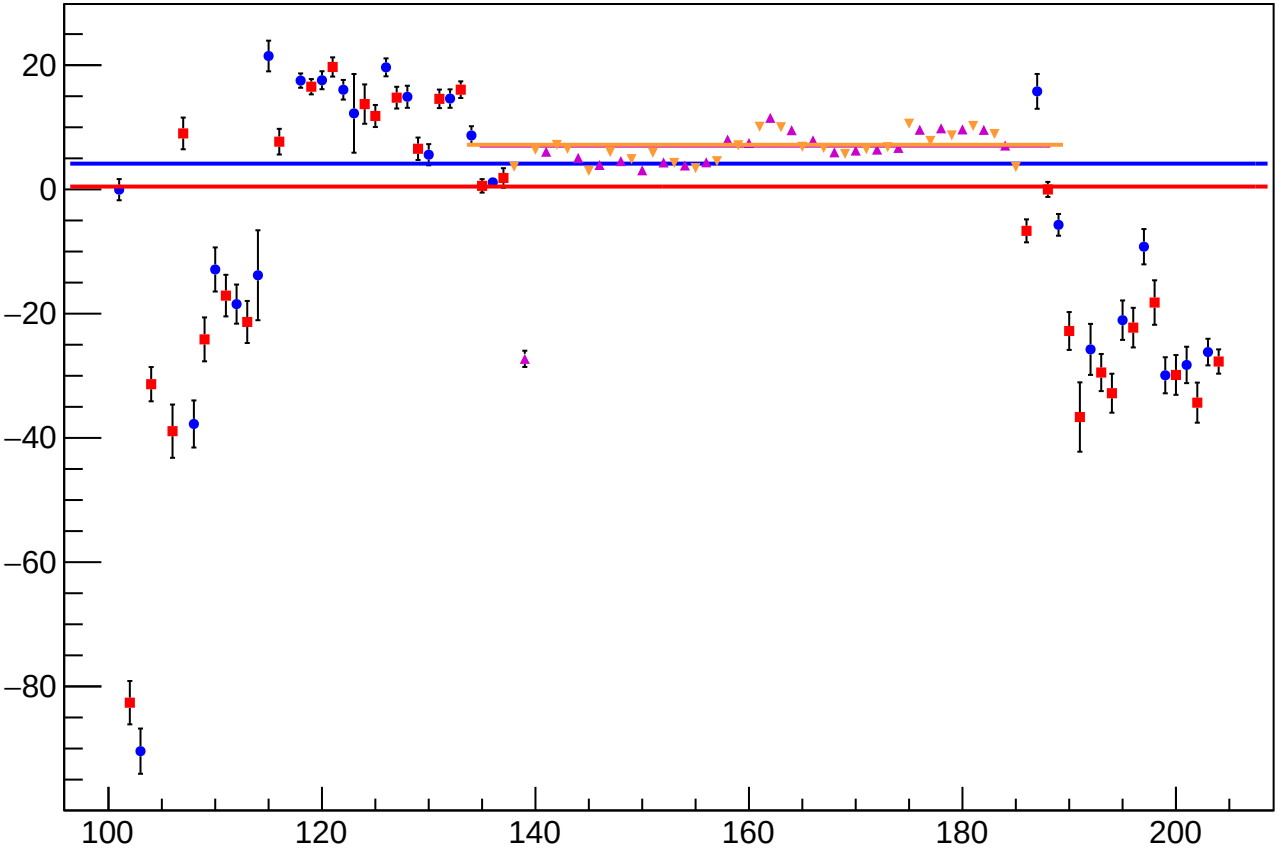
Right: -7.896+/-0.442 χ^2/NDF: 5052.5/18

In: -10.121+/-0.089 χ^2/NDF:2722.4/30

Out: -10.175+/-0.087 χ^2/NDF:6273.3/35

All: -10.149+/-0.062 χ^2/NDF: 8995.9/66

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.150+/-0.369 χ^2/NDF: 2086.0/24

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 0.459+/-0.371 χ^2/NDF: 2433.8/28

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

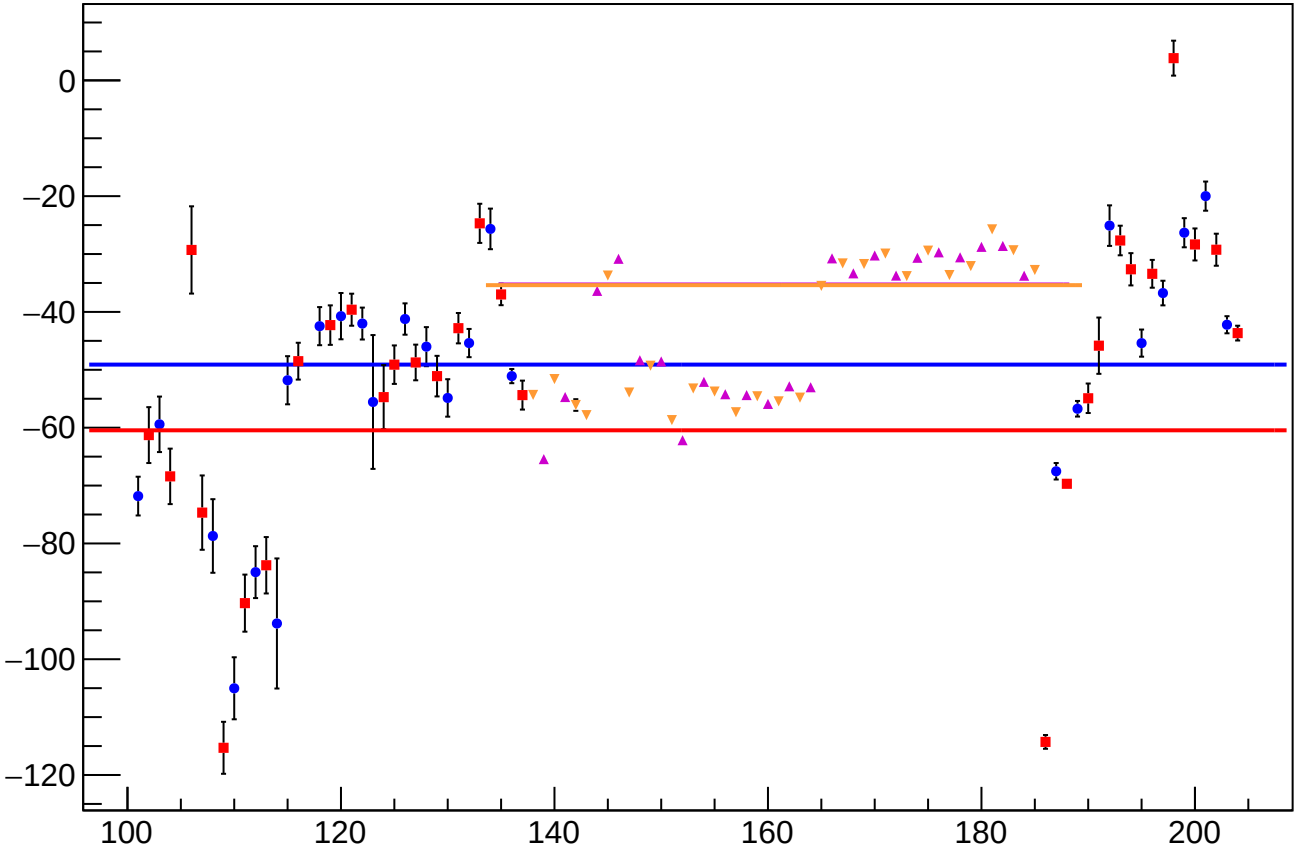
Right: 2.318+/-0.262 χ^2/NDF: 4569.6/53

In: 6.931+/-0.073 χ^2/NDF:3749.8/47

Out: 6.933+/-0.072 χ^2/NDF:3666.1/53

All: 6.932+/-0.051 χ^2/NDF: 7415.8/101

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.101+/-0.492 χ^2/NDF: 859.0/24

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -60.454+/-0.408 χ^2/NDF: 4213.1/28

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

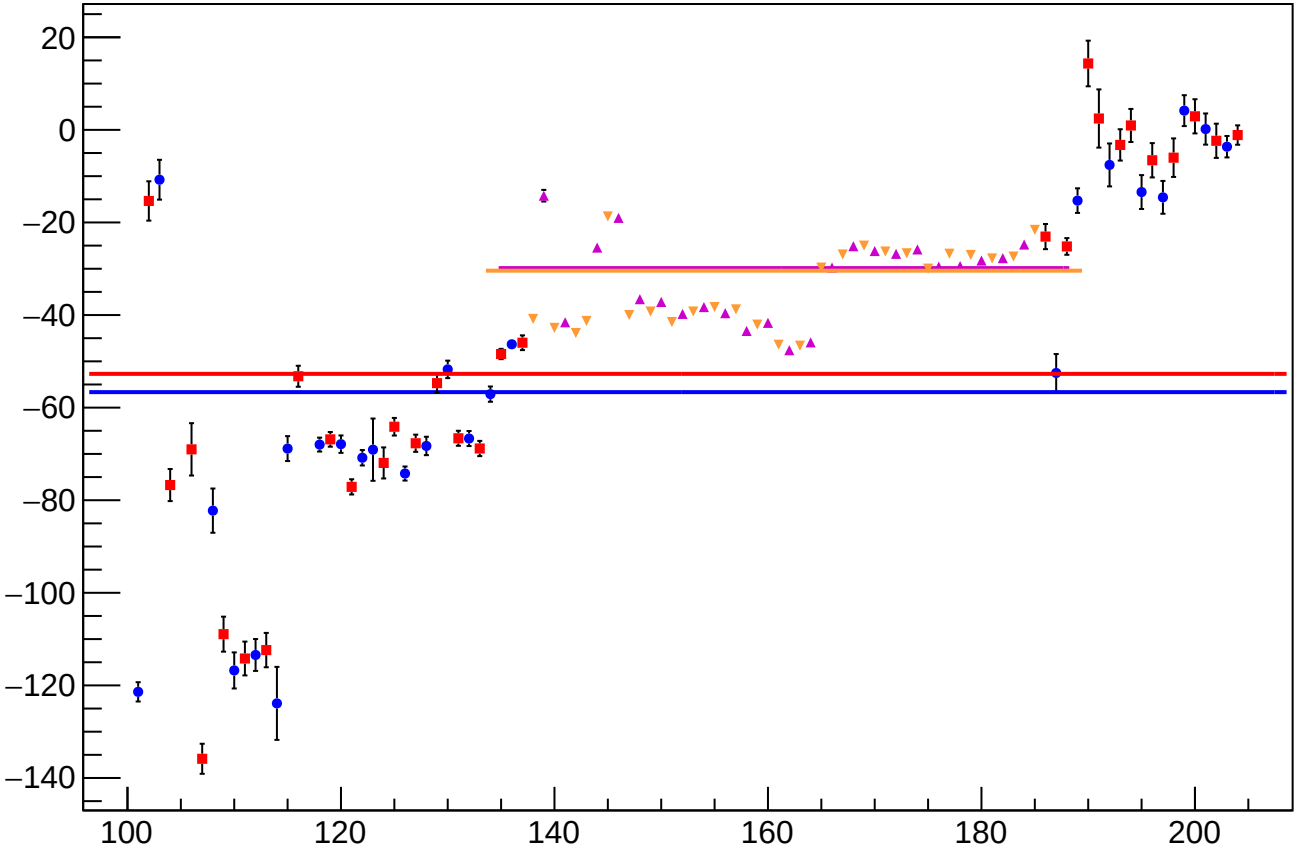
Right: -55.819+/-0.314 χ^2/NDF: 5387.7/53

In: -35.707+/-0.088 χ^2/NDF:13395.4/47

Out: -36.516+/-0.087 χ^2/NDF:20441.7/53

All: -36.117+/-0.062 χ^2/NDF: 33879.8/101

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -56.650+/-0.415 χ^2/NDF: 4038.8/24

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -52.704+/-0.427 χ^2/NDF: 4543.5/28

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

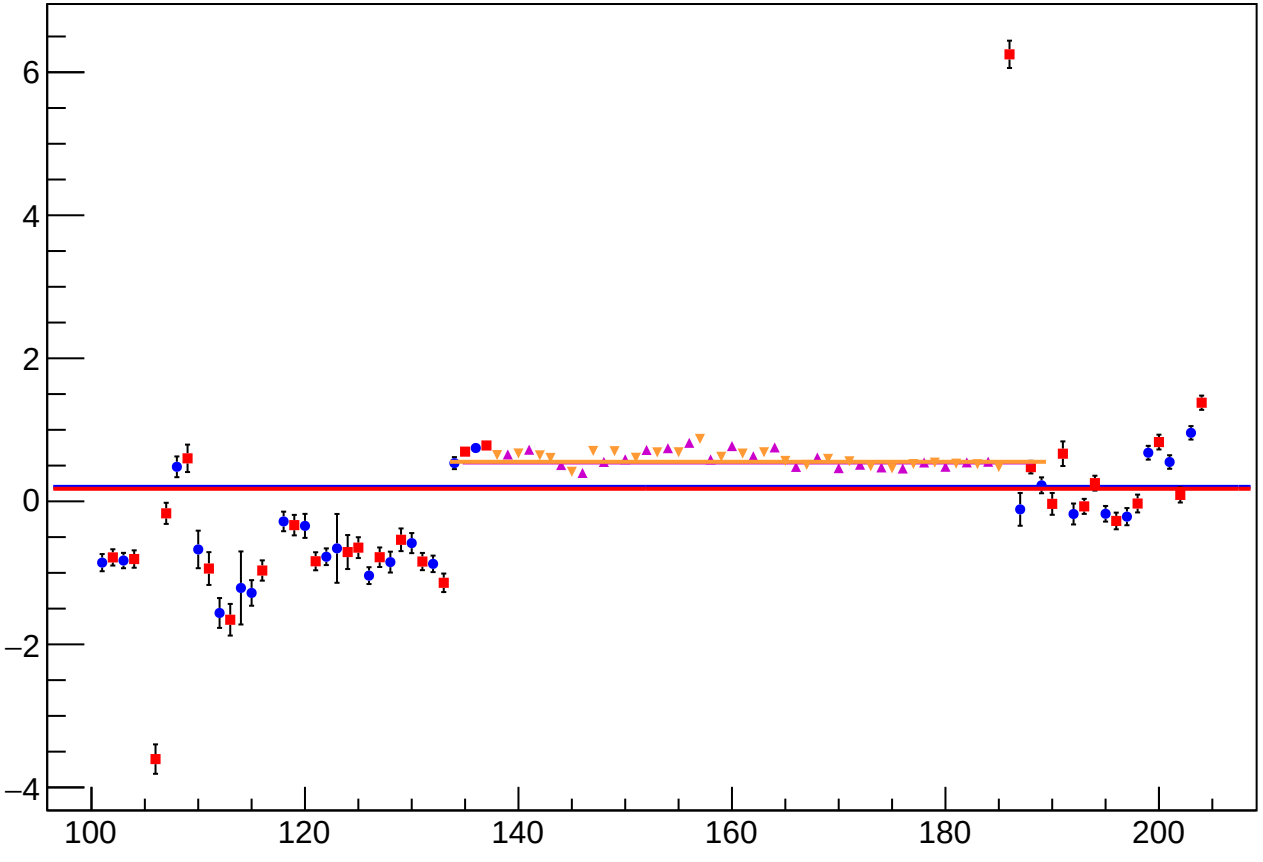
Right: -54.736+/-0.298 χ^2/NDF: 8626.2/53

In: -30.876+/-0.081 χ^2/NDF:15194.9/47

Out: -31.199+/-0.080 χ^2/NDF:15298.6/53

All: -31.039+/-0.057 χ^2/NDF: 30501.6/101

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202+/-0.021 χ^2/NDF: 1129.7/24

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.176+/-0.021 χ^2/NDF: 2466.2/28

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

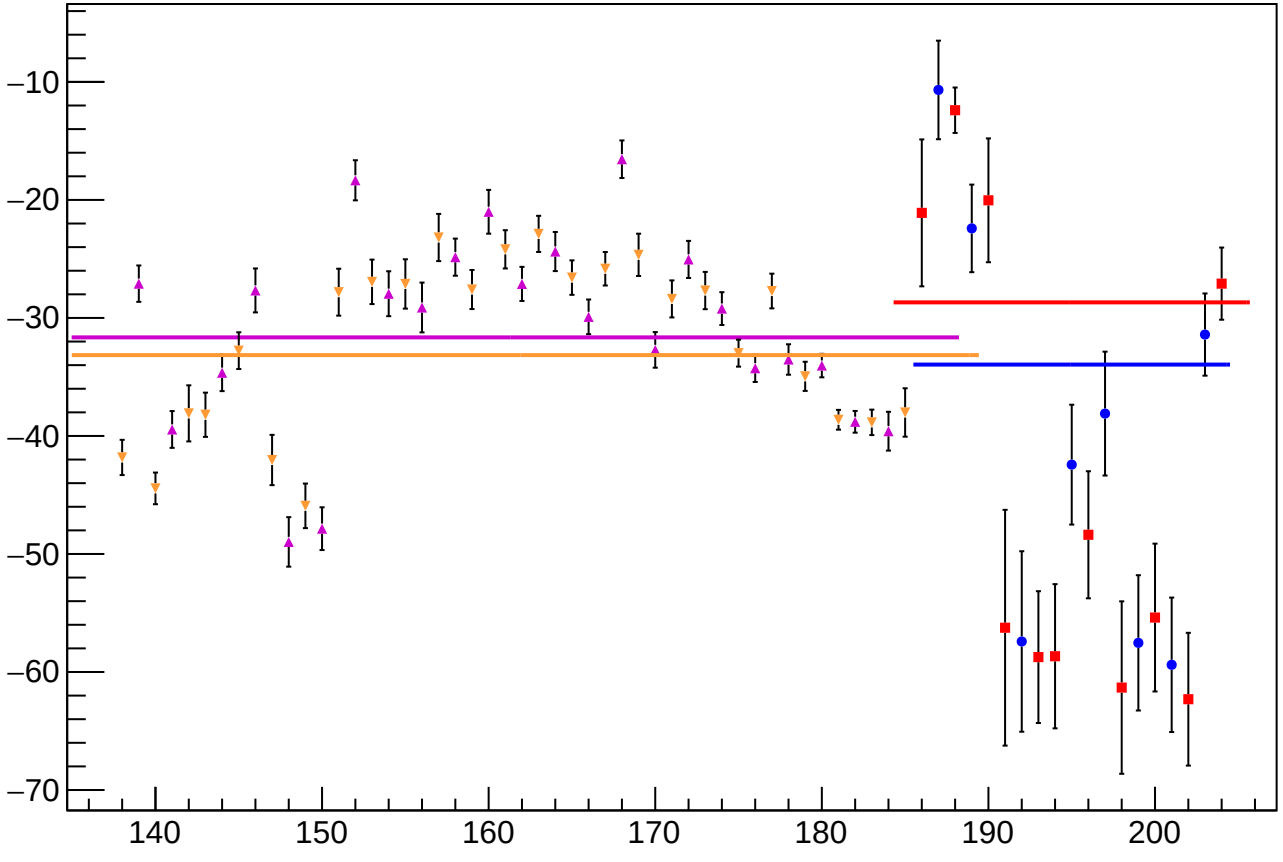
Right: 0.189+/-0.015 χ^2/NDF: 3596.7/53

In: 0.532+/-0.004 χ^2/NDF:2055.8/47

Out: 0.541+/-0.004 χ^2/NDF:3324.7/53

All: 0.537+/-0.003 χ^2/NDF: 5383.4/101

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.952+/-1.653 χ^2/NDF: 91.0/7

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -28.681+/-1.272 χ^2/NDF: 224.0/10

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

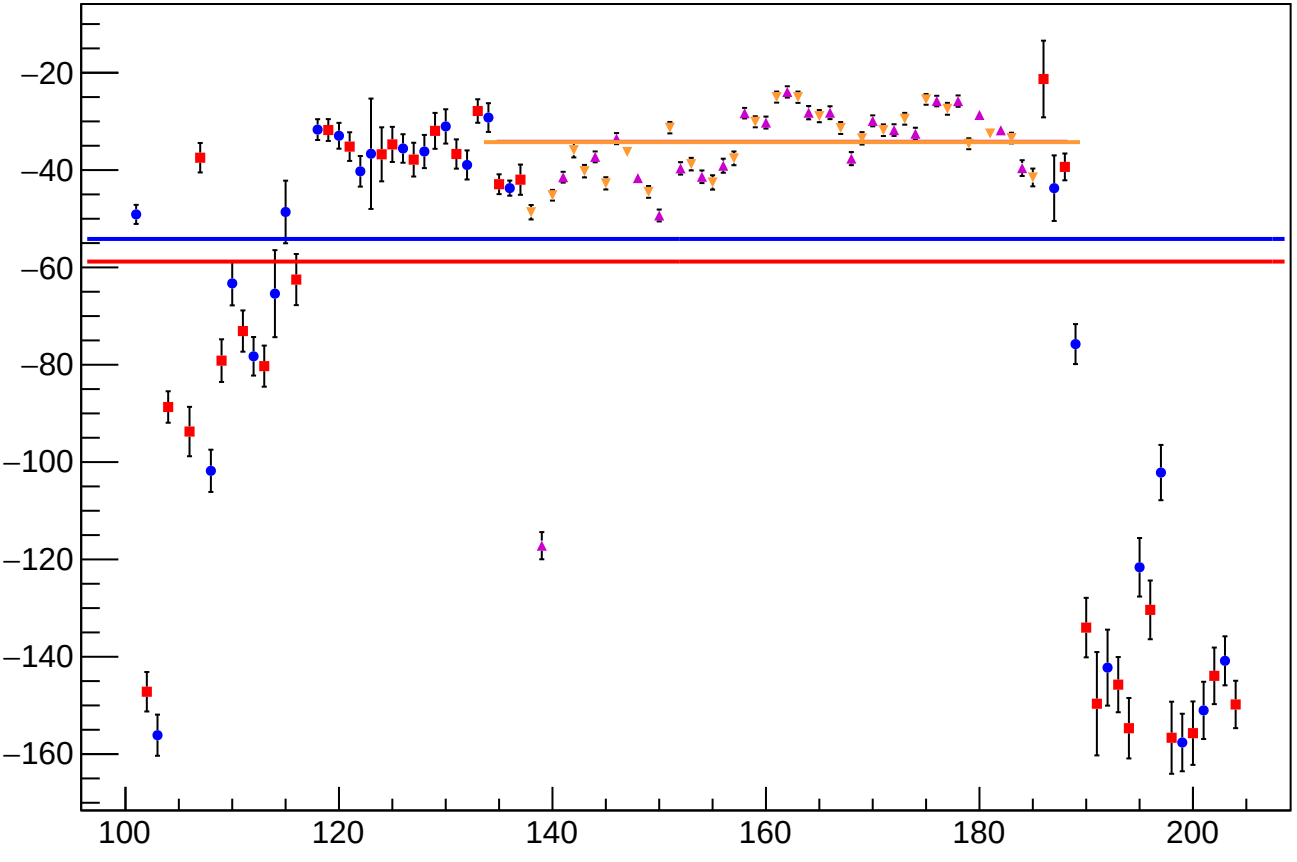
Right: -30.640+/-1.008 χ^2/NDF: 321.4/18

In: -31.724+/-0.302 χ^2/NDF:639.7/30

Out: -32.911+/-0.293 χ^2/NDF:735.7/35

All: -32.337+/-0.210 χ^2/NDF: 1383.4/66

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -54.150+/-0.679 χ^2/NDF: 2430.6/24

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -58.800+/-0.691 χ^2/NDF: 3254.0/28

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

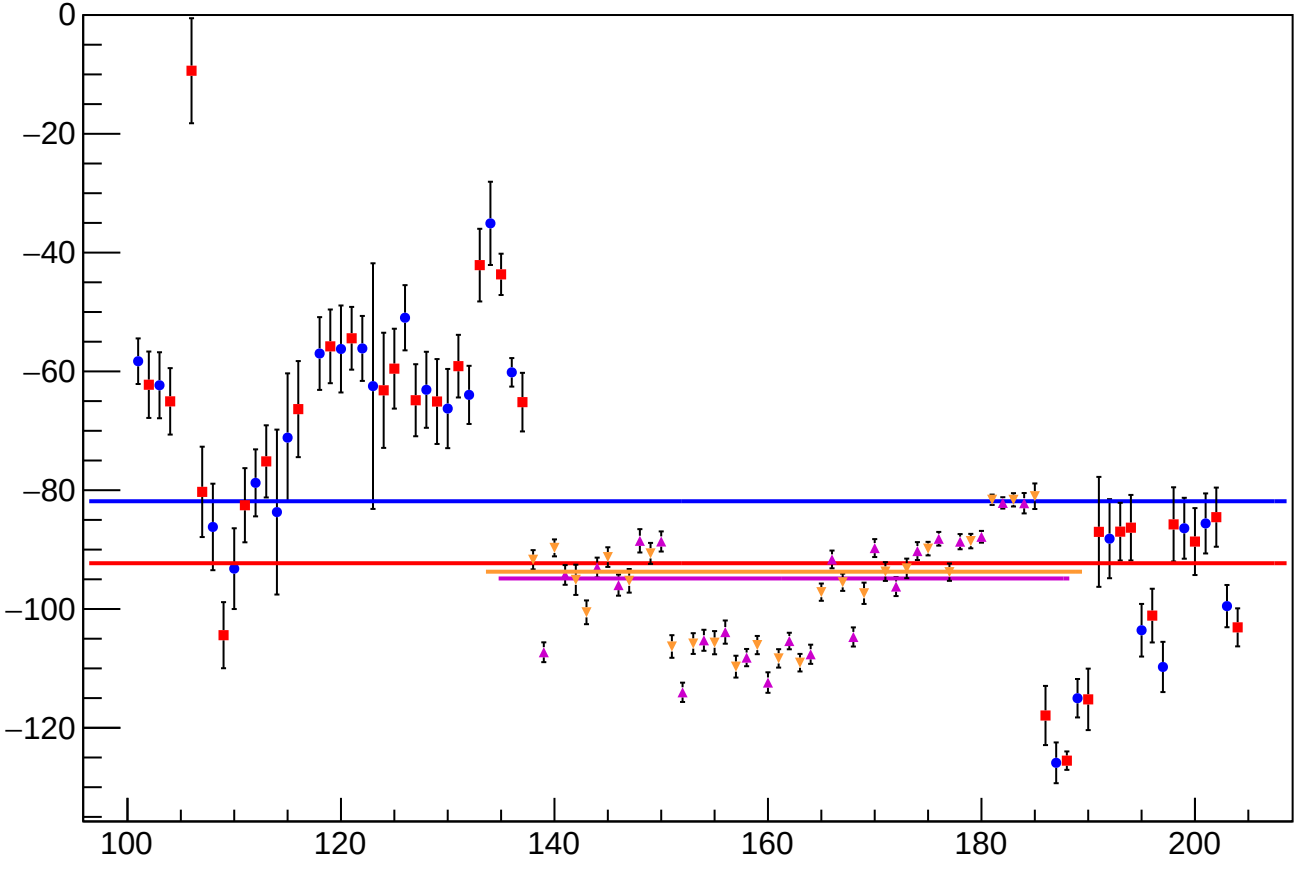
Right: -56.434+/-0.485 χ^2/NDF: 5707.6/53

In: -36.574+/-0.235 χ^2/NDF:4737.2/47

Out: -36.937+/-0.229 χ^2/NDF:5069.9/53

All: -36.760+/-0.164 χ^2/NDF: 9808.3/101

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.858+/-0.977 χ^2/NDF: 655.6/24

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -92.292+/-0.862 χ^2/NDF: 1182.2/28

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

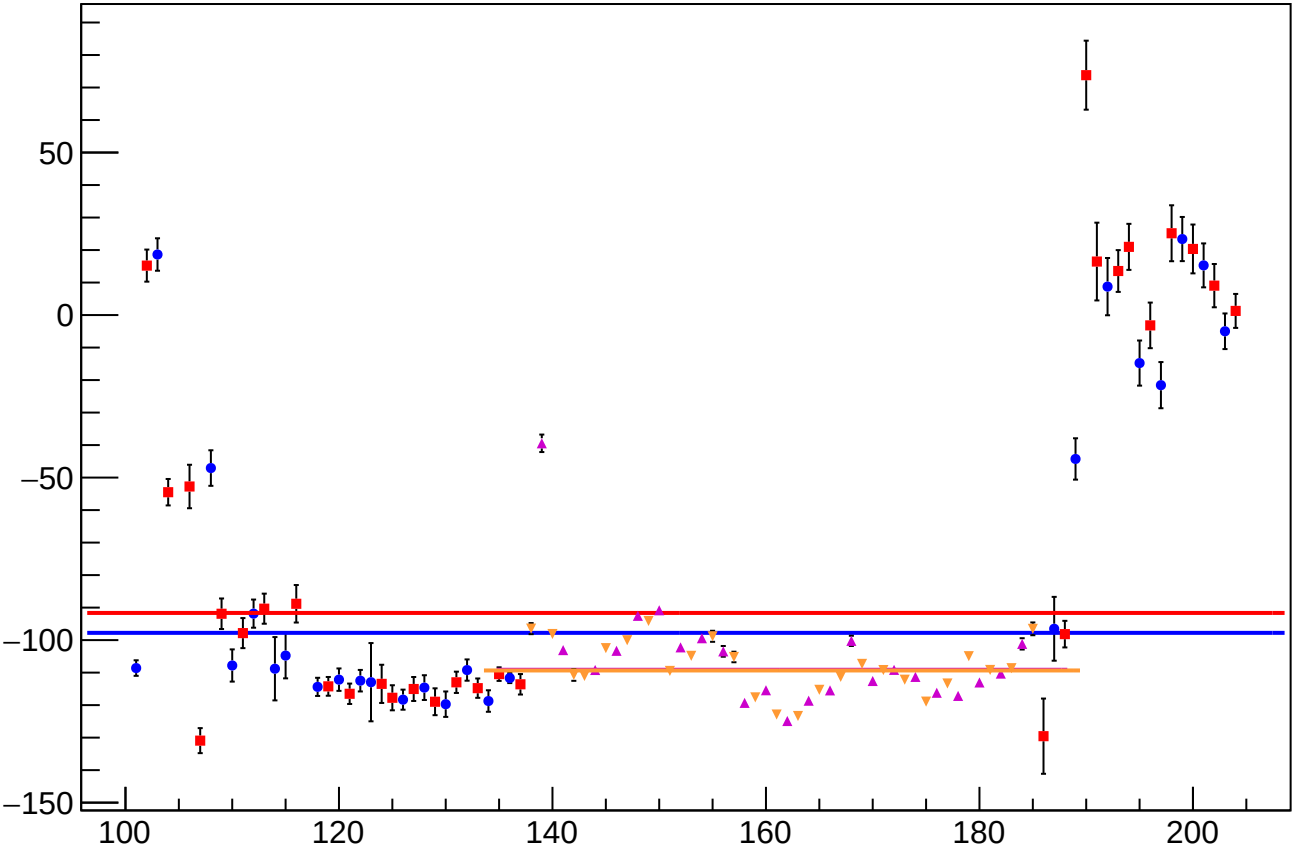
Right: -87.724+/-0.646 χ^2/NDF: 1902.1/53

In: -93.689+/-0.293 χ^2/NDF:1802.5/47

Out: -93.563+/-0.285 χ^2/NDF:2062.8/53

All: -93.624+/-0.204 χ^2/NDF: 3865.4/101

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.767+/-0.770 χ^2/NDF: 2319.0/24

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -91.641+/-0.794 χ^2/NDF: 3161.7/28

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

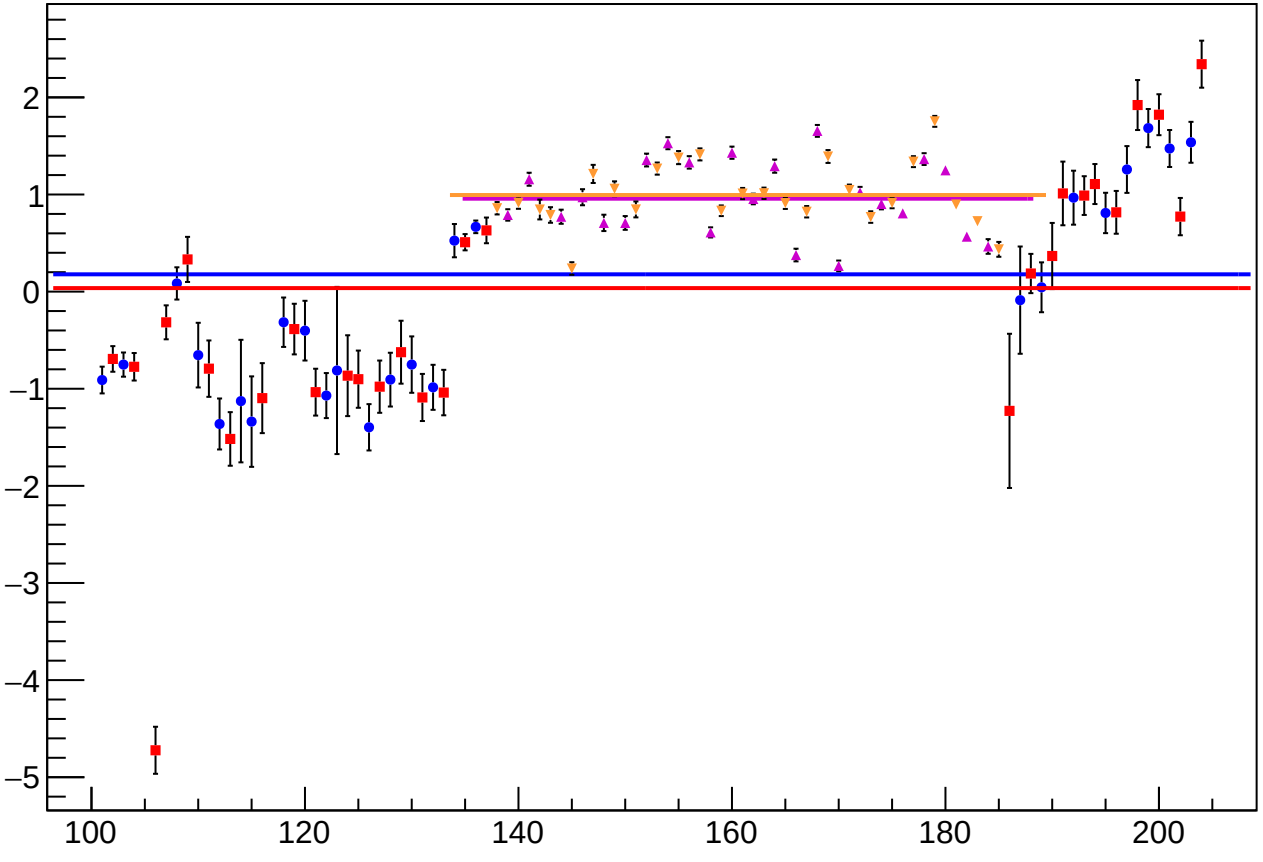
Right: -94.798+/-0.553 χ^2/NDF: 5511.3/53

In: -107.808+/-0.262 χ^2/NDF:4089.9/47

Out: -107.483+/-0.257 χ^2/NDF:4432.0/53

All: -107.642+/-0.184 χ^2/NDF: 8522.7/101

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.178+/-0.038 χ^2/NDF: 551.4/24

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: 0.036+/-0.037 χ^2/NDF: 961.2/28

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

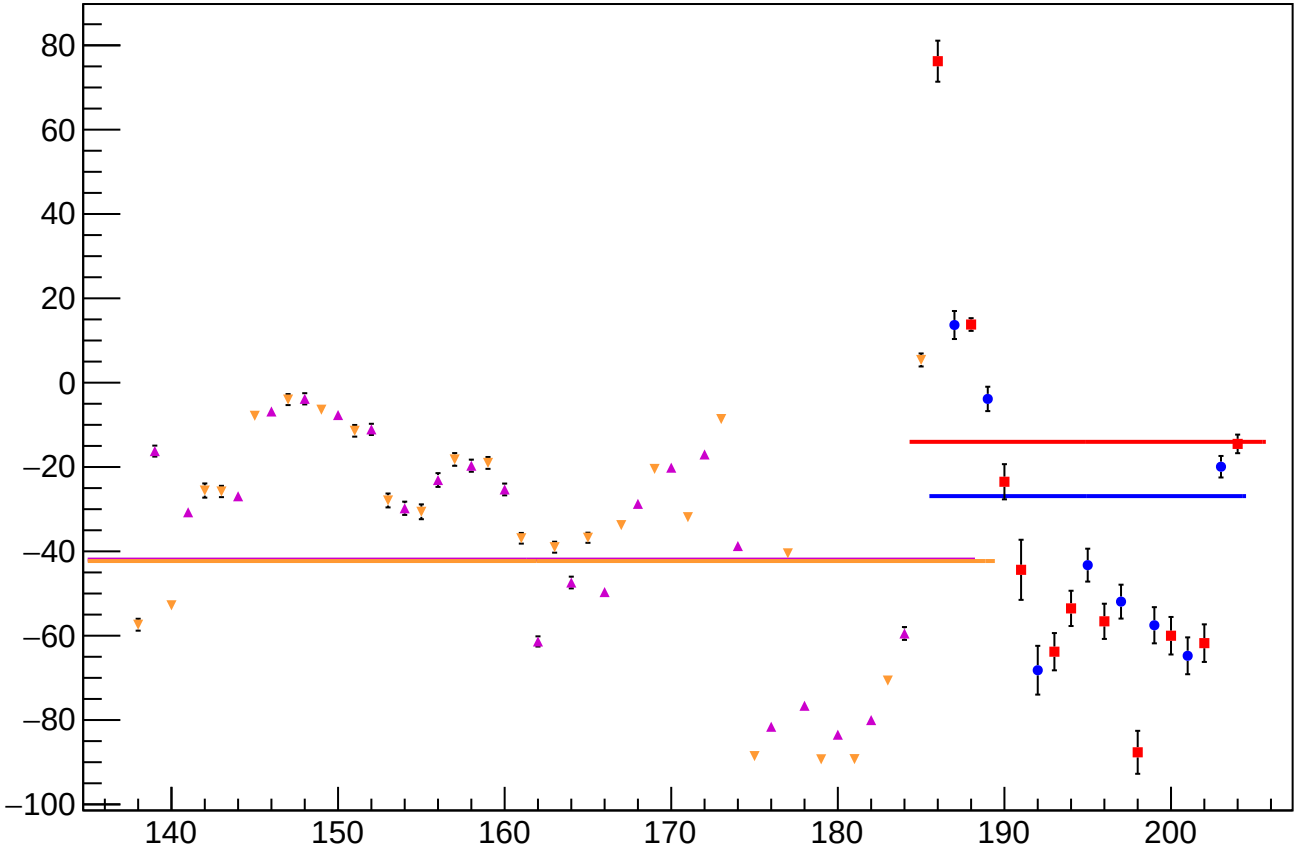
Right: 0.107+/-0.027 χ^2/NDF: 1519.8/53

In: 0.878+/-0.012 χ^2/NDF:1834.9/47

Out: 0.900+/-0.012 χ^2/NDF:2184.9/53

All: 0.889+/-0.008 χ^2/NDF: 4021.5/101

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.901+/-1.262 χ^2/NDF: 453.5/7

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -14.029+/-0.967 χ^2/NDF: 1457.9/10

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

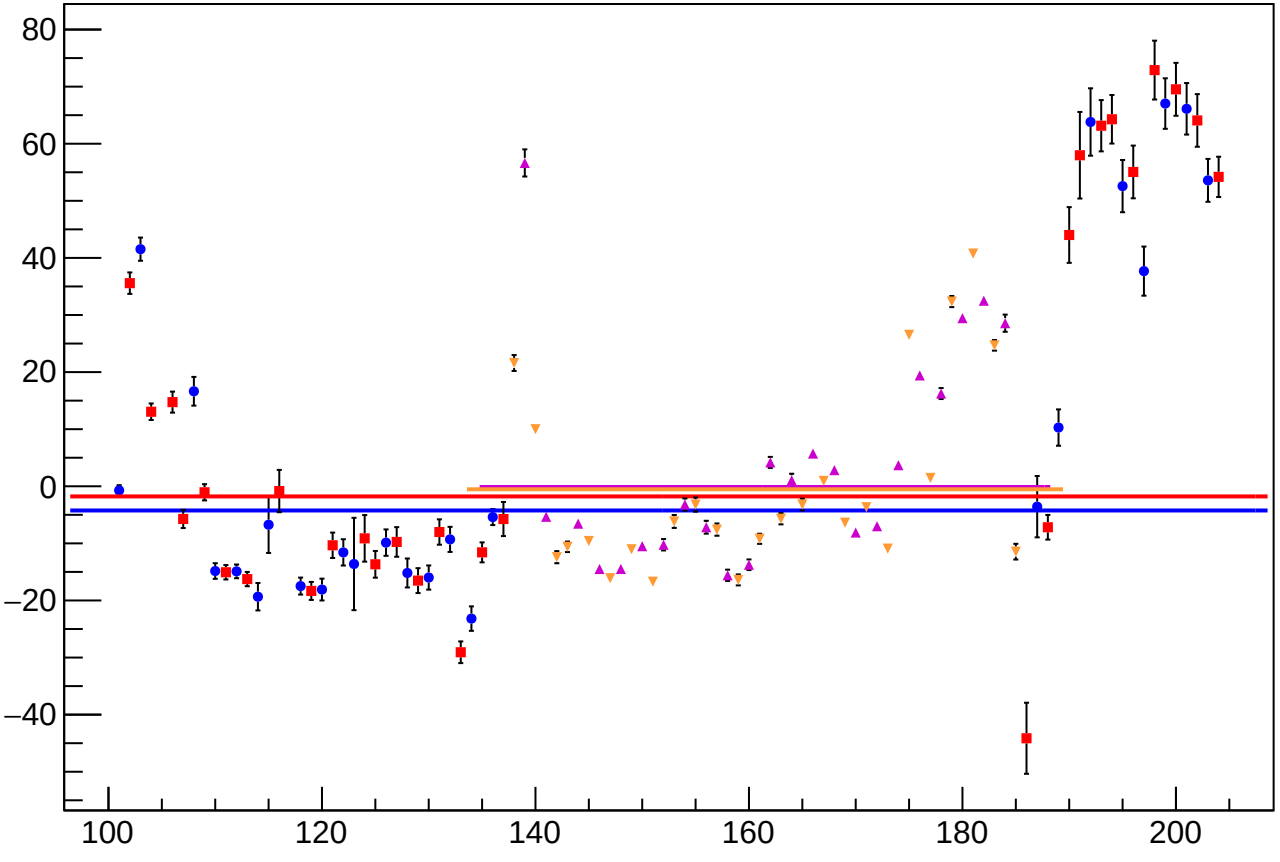
Right: -18.789+/-0.767 χ^2/NDF: 1976.9/18

In: -41.488+/-0.222 χ^2/NDF:15314.8/30

Out: -40.874+/-0.217 χ^2/NDF:20537.4/35

All: -41.173+/-0.155 χ^2/NDF: 35856.2/66

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.237+/-0.411 χ^2/NDF: 2194.9/24

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -1.775+/-0.406 χ^2/NDF: 2994.7/28

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

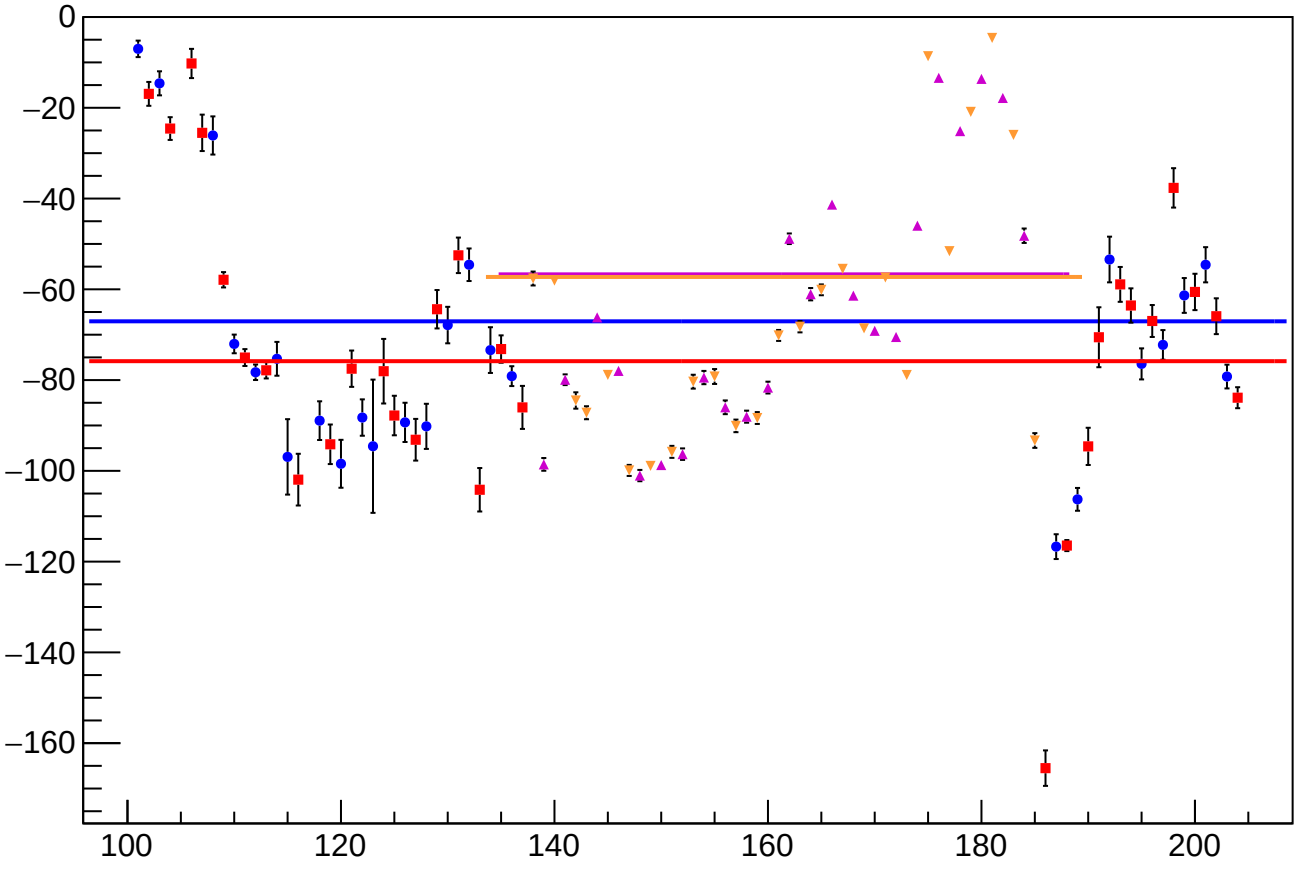
Right: -2.990+/-0.289 χ^2/NDF: 5207.8/53

In: -0.777+/-0.164 χ^2/NDF:9204.1/47

Out: -0.722+/-0.160 χ^2/NDF:11710.5/53

All: -0.749+/-0.115 χ^2/NDF: 20914.7/101

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.051+/-0.620 χ^2/NDF: 2456.6/24

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -75.834+/-0.542 χ^2/NDF: 3557.1/28

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

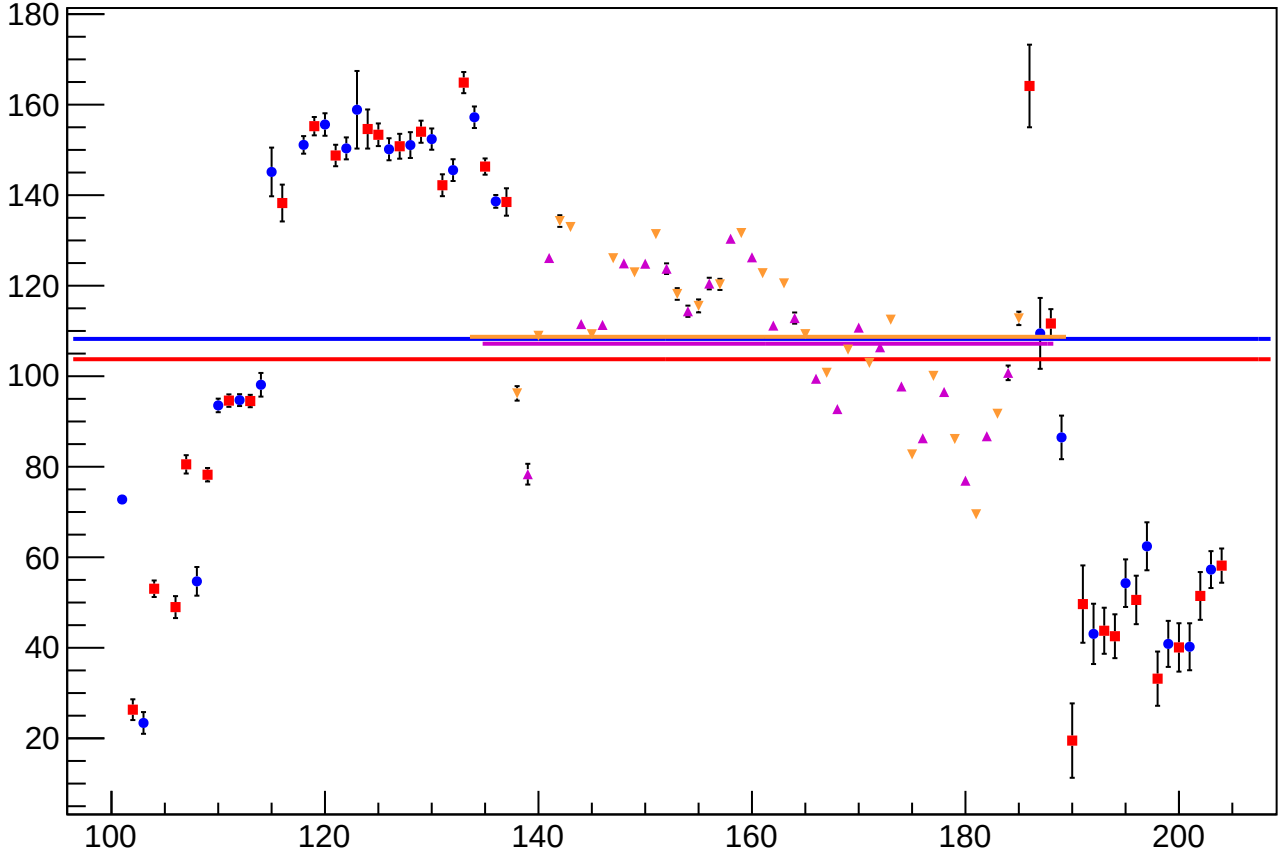
Right: -72.031+/-0.408 χ^2/NDF: 6127.4/53

In: -57.918+/-0.212 χ^2/NDF:19249.8/47

Out: -59.974+/-0.207 χ^2/NDF:23069.9/53

All: -58.974+/-0.148 χ^2/NDF: 42367.8/101

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 108.245+/-0.471 χ^2/NDF: 6806.9/24

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 103.754+/-0.466 χ^2/NDF: 8010.3/28

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

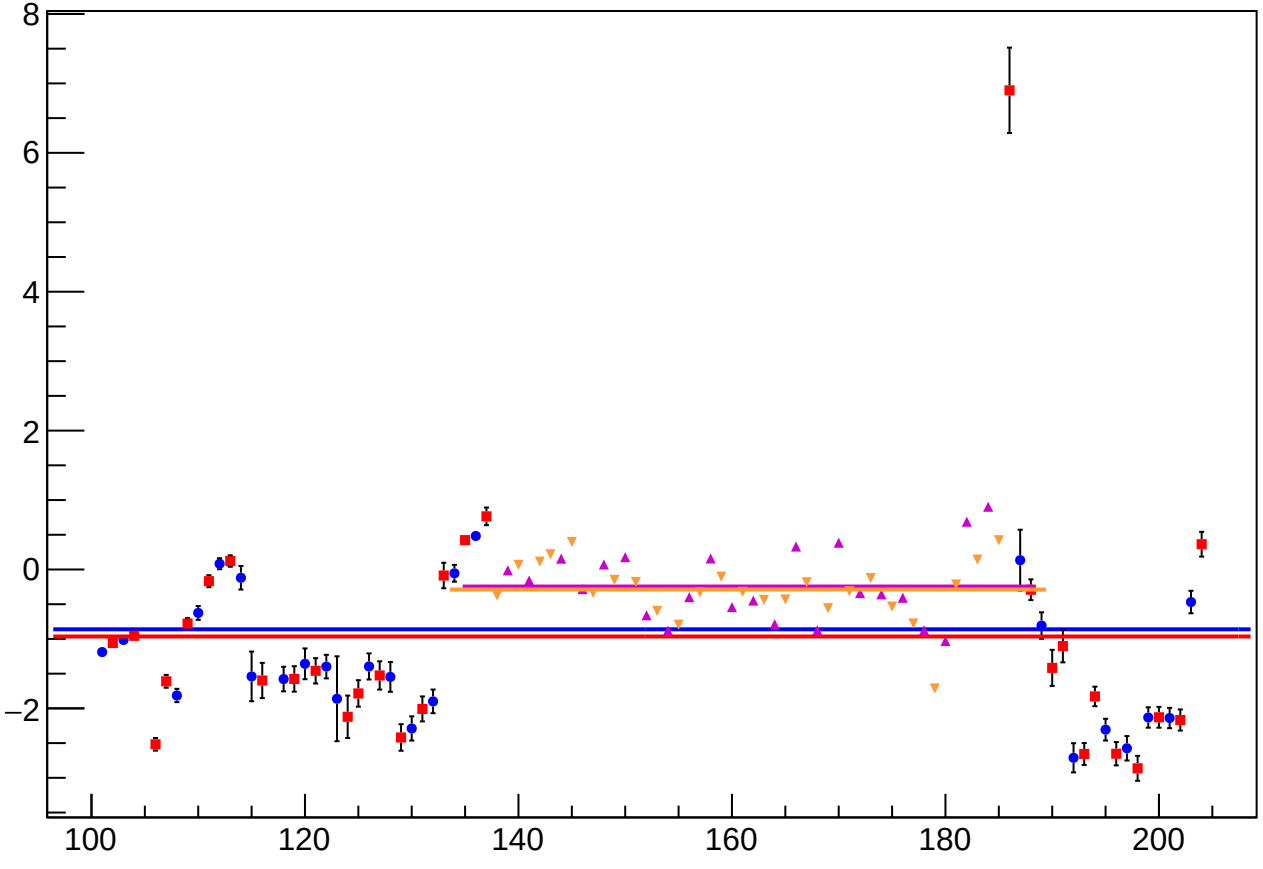
Right: 105.976+/-0.331 χ^2/NDF: 14863.2/53

In: 107.345+/-0.185 χ^2/NDF:12403.5/47

Out: 107.952+/-0.182 χ^2/NDF:15403.2/53

All: 107.654+/-0.130 χ^2/NDF: 27812.2/101

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.861+/-0.024 χ^2/NDF: 1455.1/24

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.965+/-0.022 χ^2/NDF: 2078.2/28

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

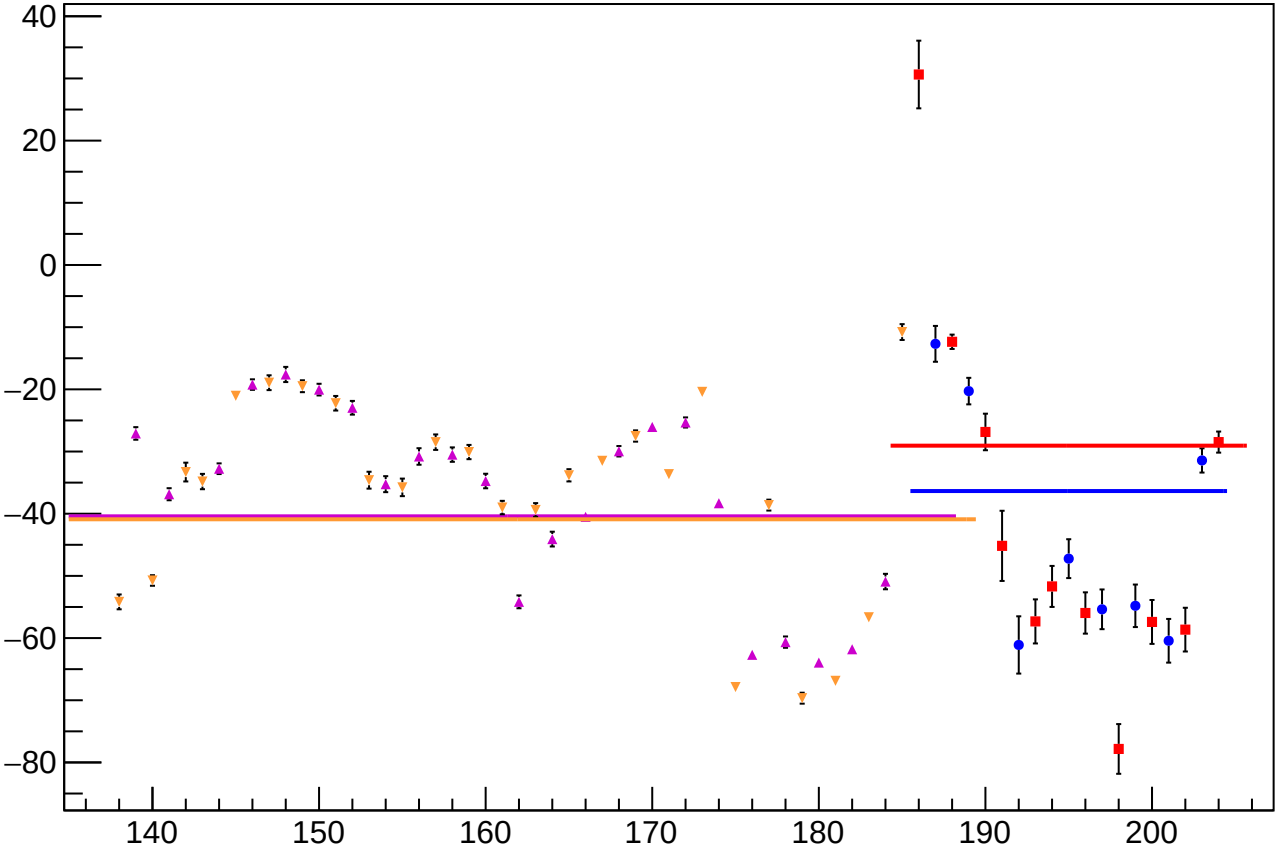
Right: -0.916+/-0.016 χ^2/NDF: 3543.5/53

In: -0.326+/-0.009 χ^2/NDF:4841.2/47

Out: -0.386+/-0.008 χ^2/NDF:4910.0/53

All: -0.356+/-0.006 χ^2/NDF: 9776.1/101

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.355+/-0.992 χ^2/NDF: 283.1/7

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -29.057+/-0.753 χ^2/NDF: 798.8/10

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

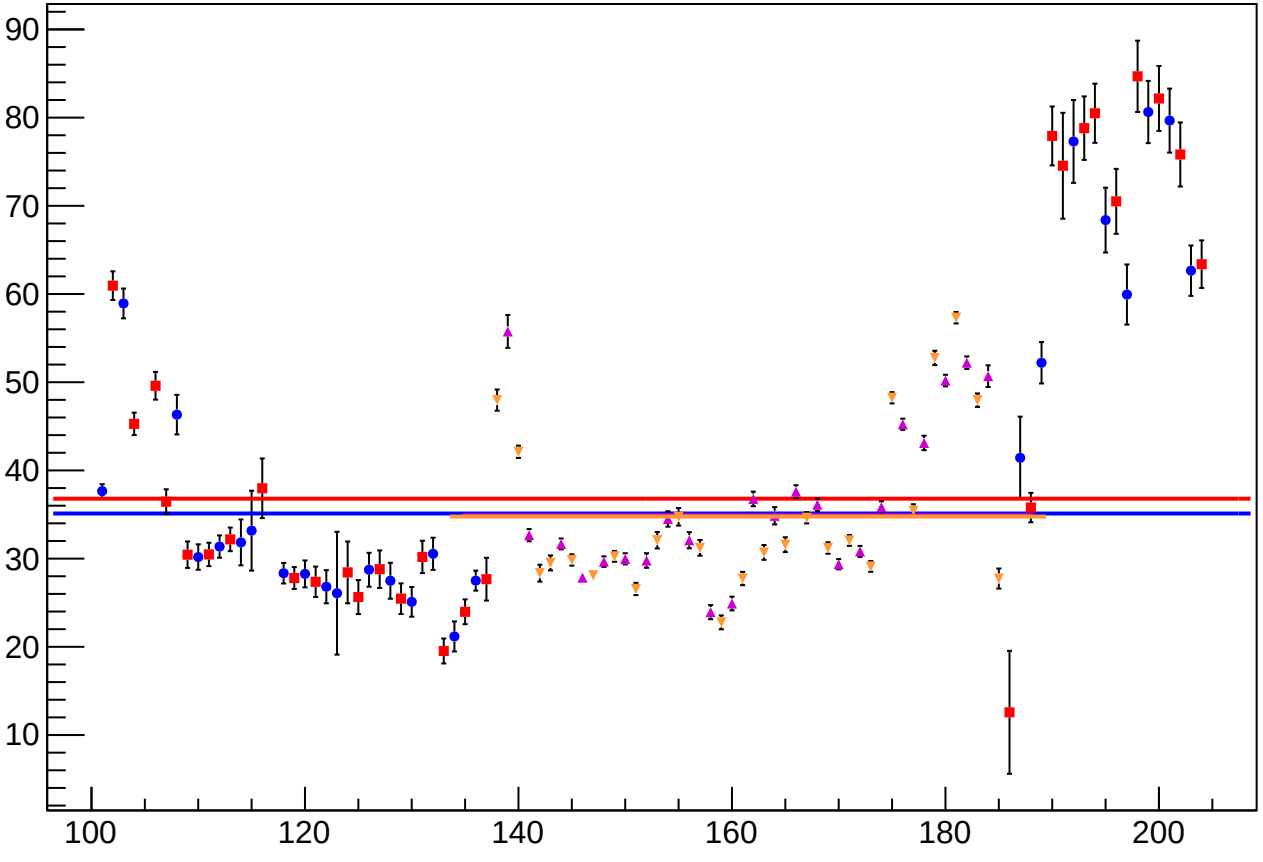
Right: -31.726+/-0.600 χ^2/NDF: 1116.3/18

In: -40.279+/-0.186 χ^2/NDF:7329.5/30

Out: -40.213+/-0.181 χ^2/NDF:10146.5/35

All: -40.245+/-0.130 χ^2/NDF: 17476.1/66

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.116+/-0.356 χ^2/NDF: 1190.1/24

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 36.798+/-0.353 χ^2/NDF: 1919.9/28

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

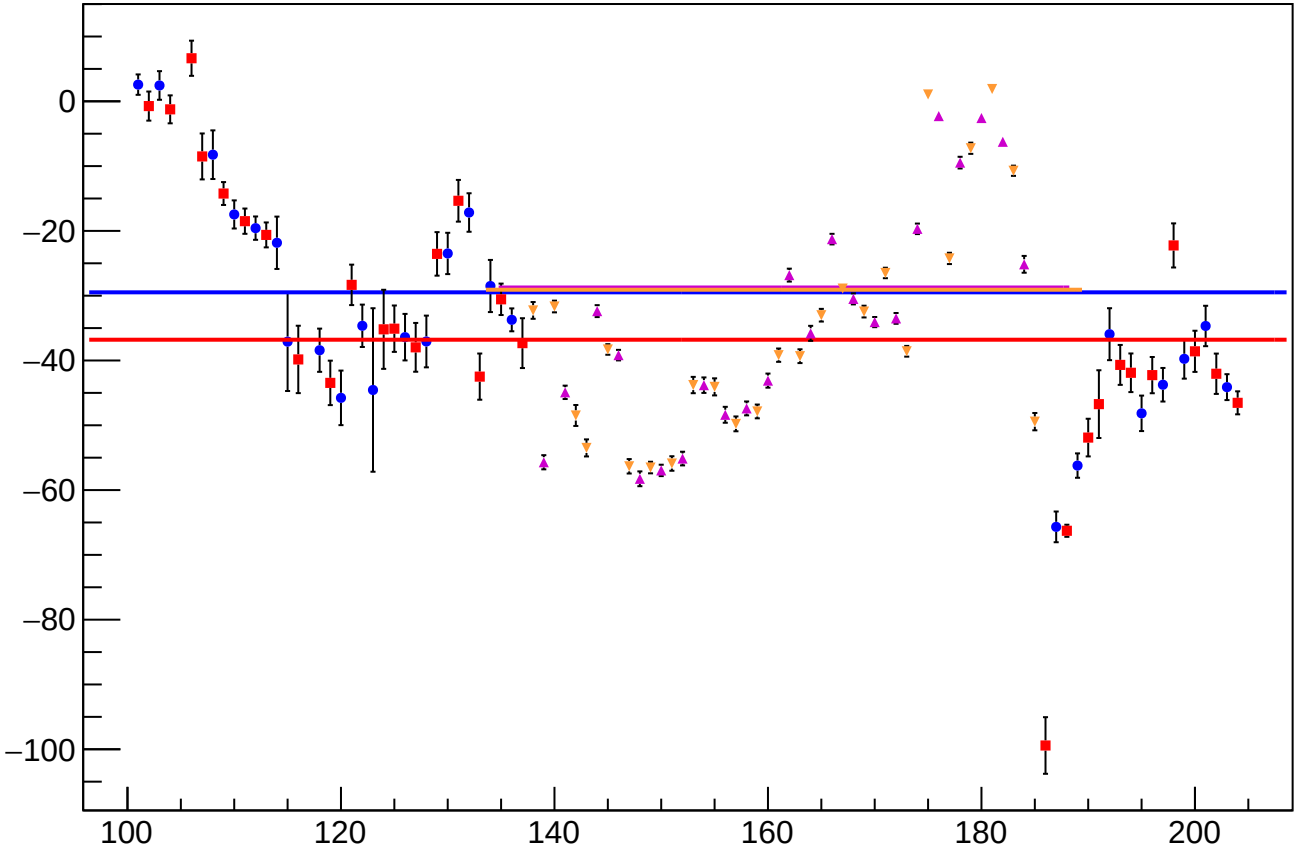
Right: 35.962+/-0.251 χ^2/NDF: 3121.3/53

In: 34.957+/-0.139 χ^2/NDF:3878.7/47

Out: 35.070+/-0.136 χ^2/NDF:5625.4/53

All: 35.014+/-0.097 χ^2/NDF: 9504.4/101

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -29.481+/-0.533 χ^2/NDF: 1363.2/24

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -36.794+/-0.462 χ^2/NDF: 2544.4/28

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

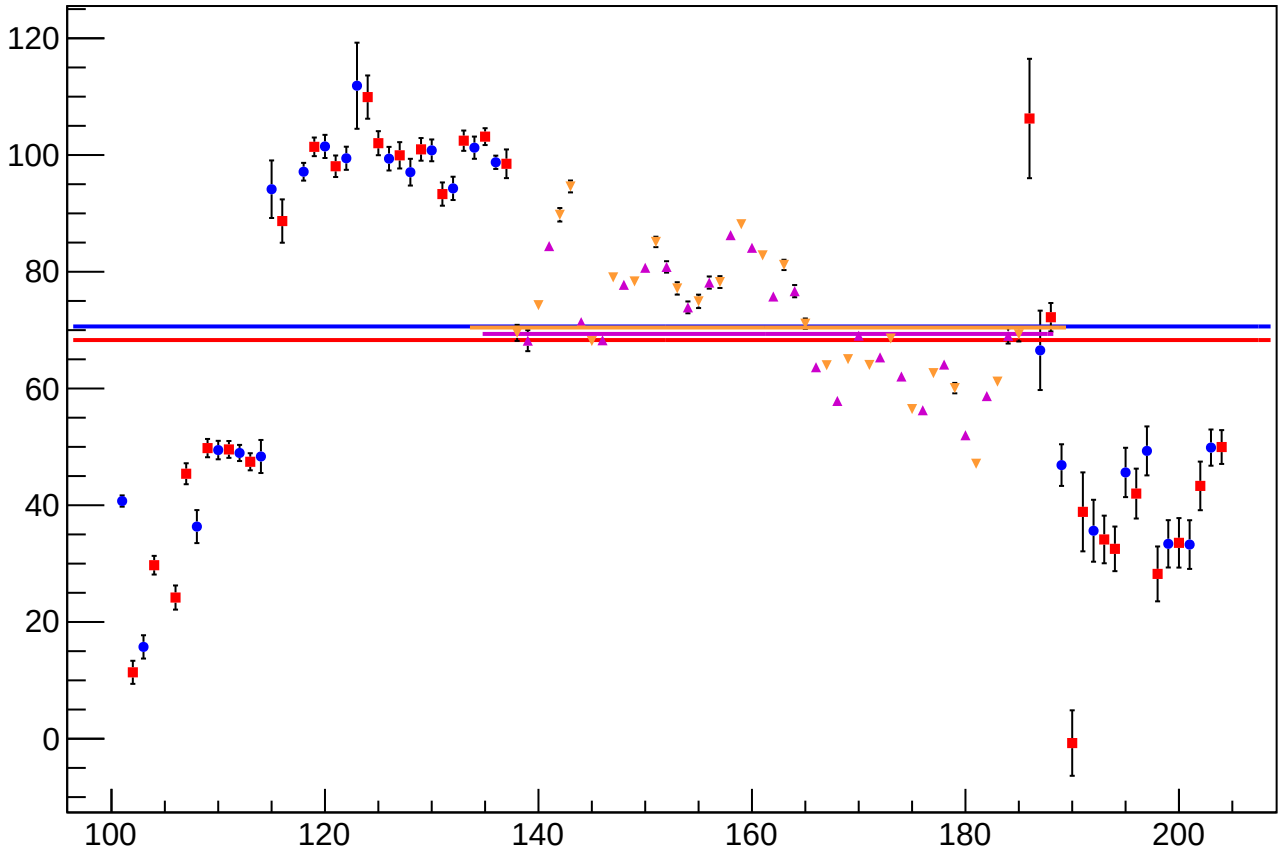
Right: -33.656+/-0.349 χ^2/NDF: 4015.2/53

In: -28.819+/-0.178 χ^2/NDF:10520.5/47

Out: -30.170+/-0.174 χ^2/NDF:12843.4/53

All: -29.511+/-0.124 χ^2/NDF: 23393.4/101

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.631+/-0.409 χ^2/NDF: 5124.2/24

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 68.301+/-0.408 χ^2/NDF: 6010.6/28

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

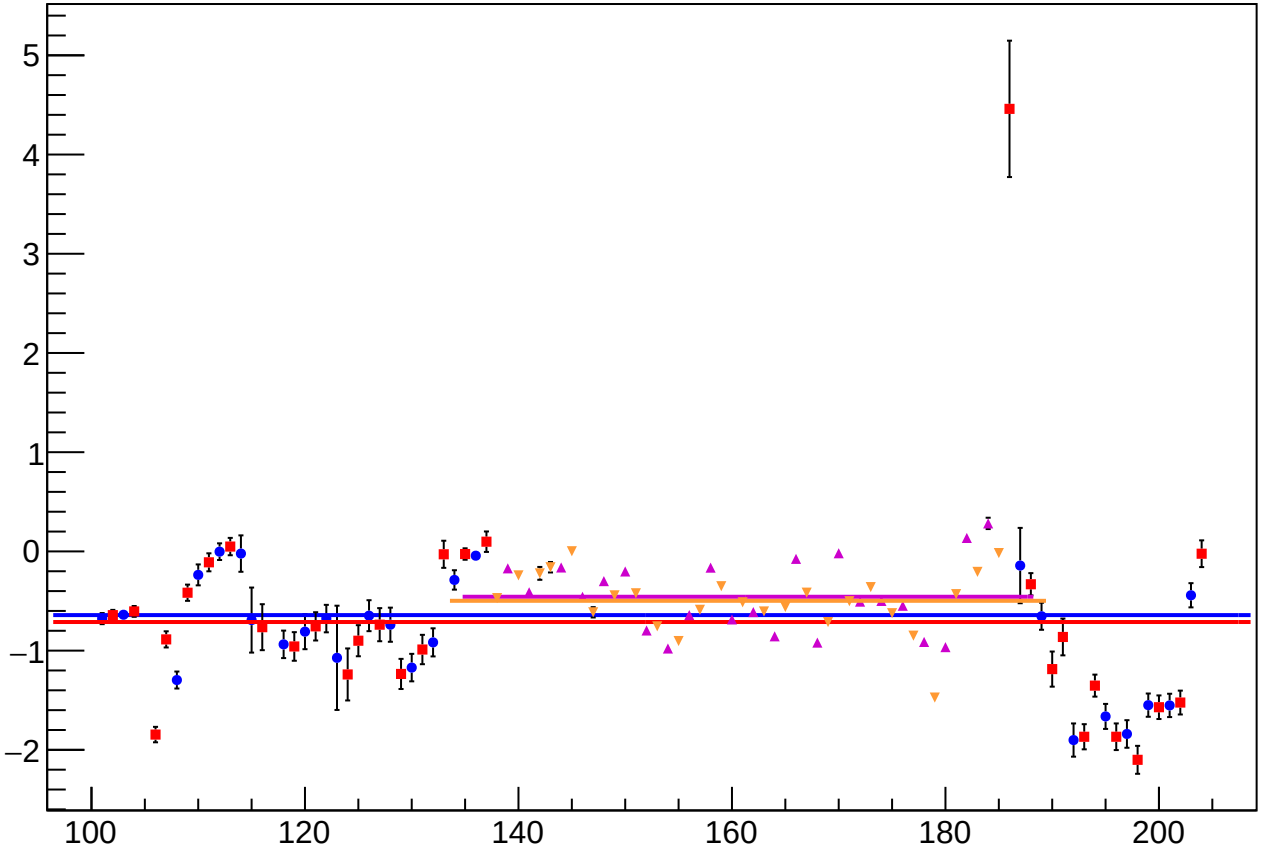
Right: 69.465+/-0.289 χ^2/NDF: 11151.0/53

In: 69.539+/-0.157 χ^2/NDF:8463.3/47

Out: 70.143+/-0.154 χ^2/NDF:10518.9/53

All: 69.846+/-0.110 χ^2/NDF: 18989.8/101

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.642+/-0.020 χ^2/NDF: 665.3/24

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.712+/-0.019 χ^2/NDF: 1094.1/28

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

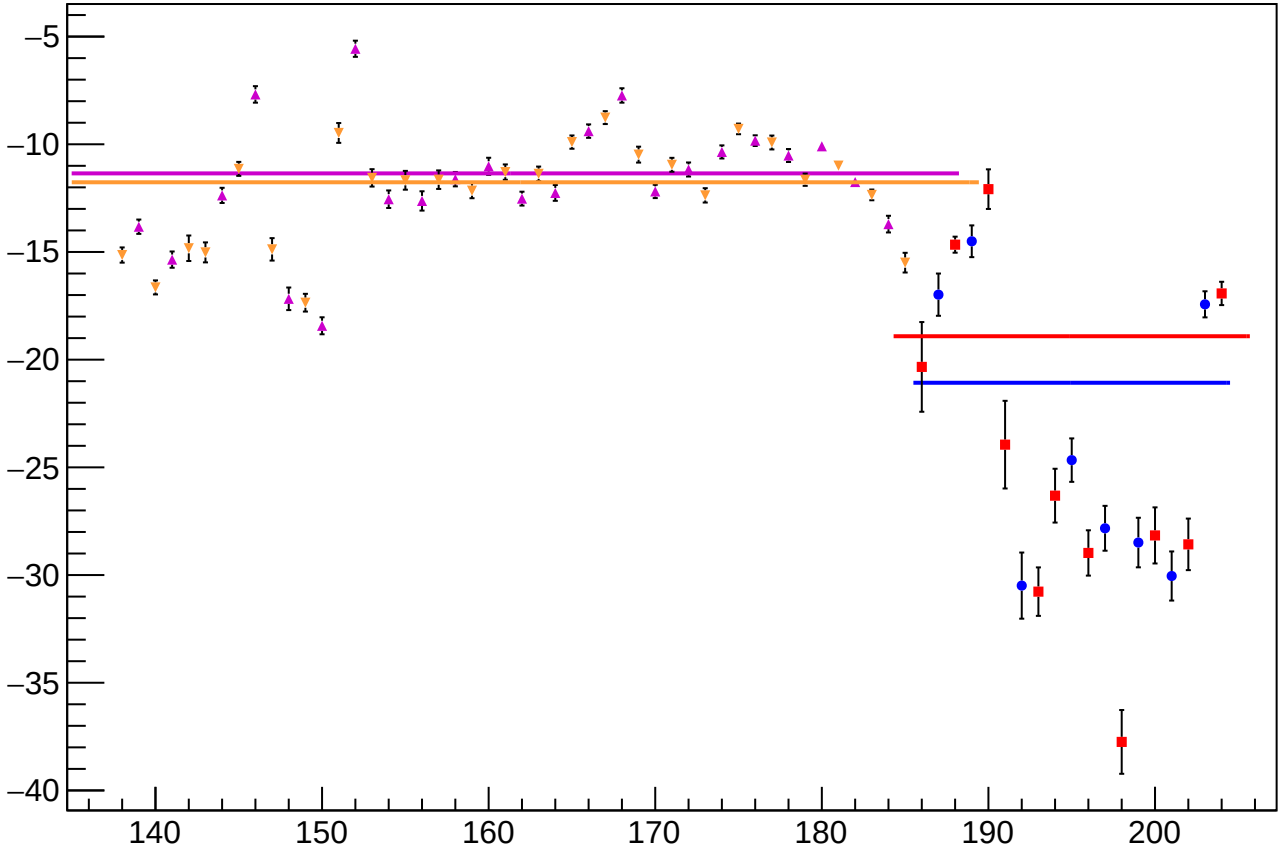
Right: -0.679+/-0.014 χ^2/NDF: 1765.6/53

In: -0.480+/-0.007 χ^2/NDF:2713.3/47

Out: -0.527+/-0.007 χ^2/NDF:2642.9/53

All: -0.504+/-0.005 χ^2/NDF: 5377.8/101

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.072+/-0.325 χ^2/NDF: 328.7/7

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -18.912+/-0.247 χ^2/NDF: 720.7/10

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

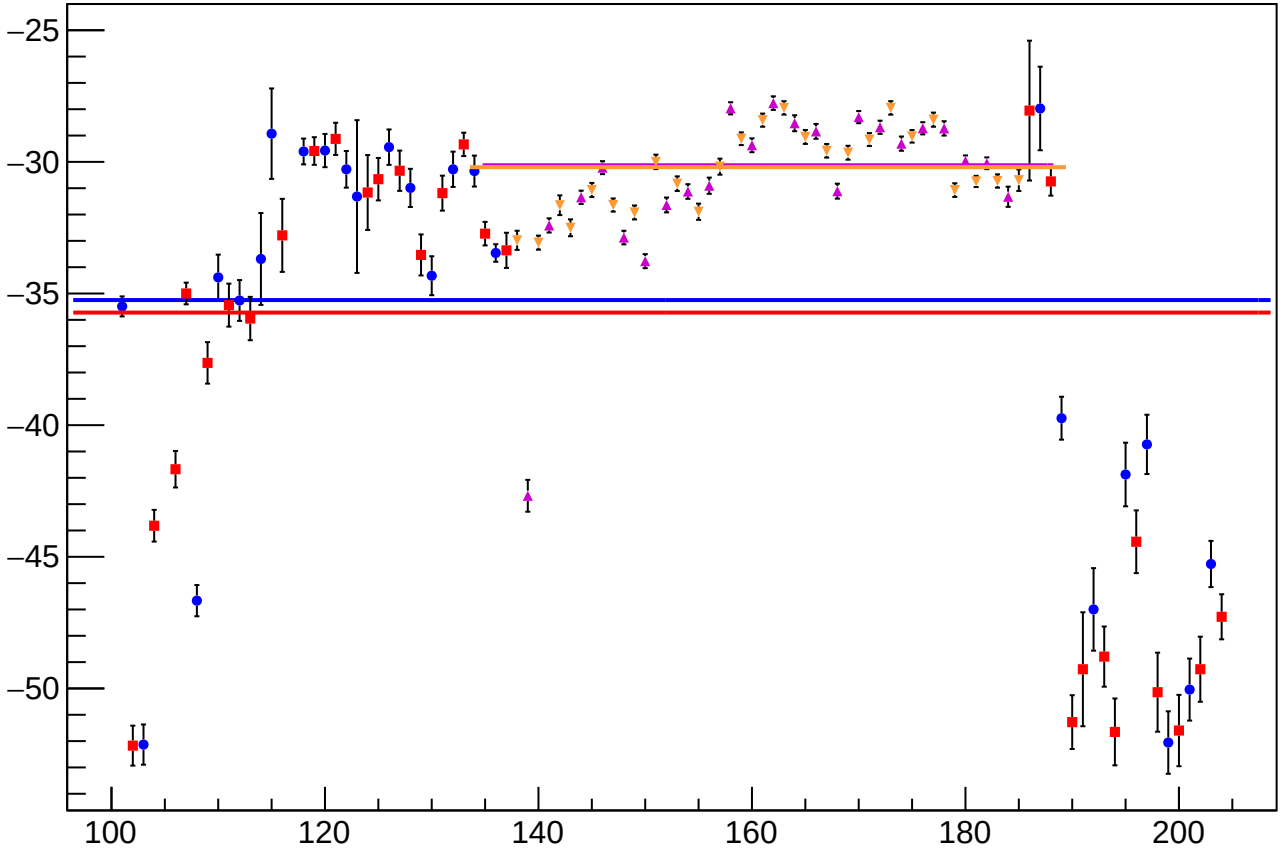
Right: -19.703+/-0.197 χ^2/NDF: 1077.4/18

In: -11.755+/-0.066 χ^2/NDF:2465.8/30

Out: -12.250+/-0.064 χ^2/NDF:2526.0/35

All: -12.010+/-0.046 χ^2/NDF: 5020.4/66

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.248+/-0.141 χ^2/NDF: 2055.3/24

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -35.723+/-0.136 χ^2/NDF: 2647.8/28

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

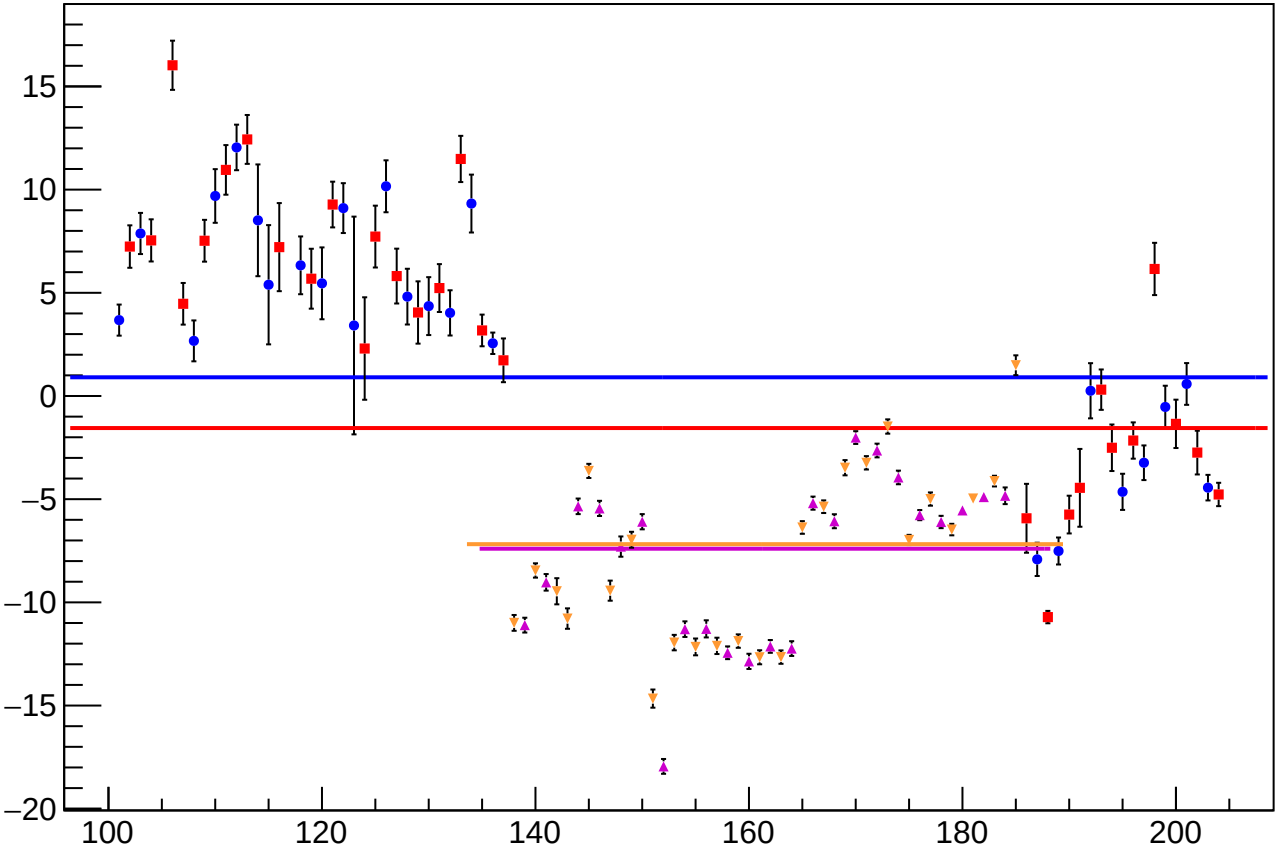
Right: -35.493+/-0.098 χ^2/NDF: 4709.0/53

In: -30.815+/-0.052 χ^2/NDF:4493.4/47

Out: -30.948+/-0.050 χ^2/NDF:4789.7/53

All: -30.883+/-0.036 χ^2/NDF: 9286.5/101

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.906+/-0.198 χ^2/NDF: 840.8/24

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.553+/-0.170 χ^2/NDF: 2209.9/28

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

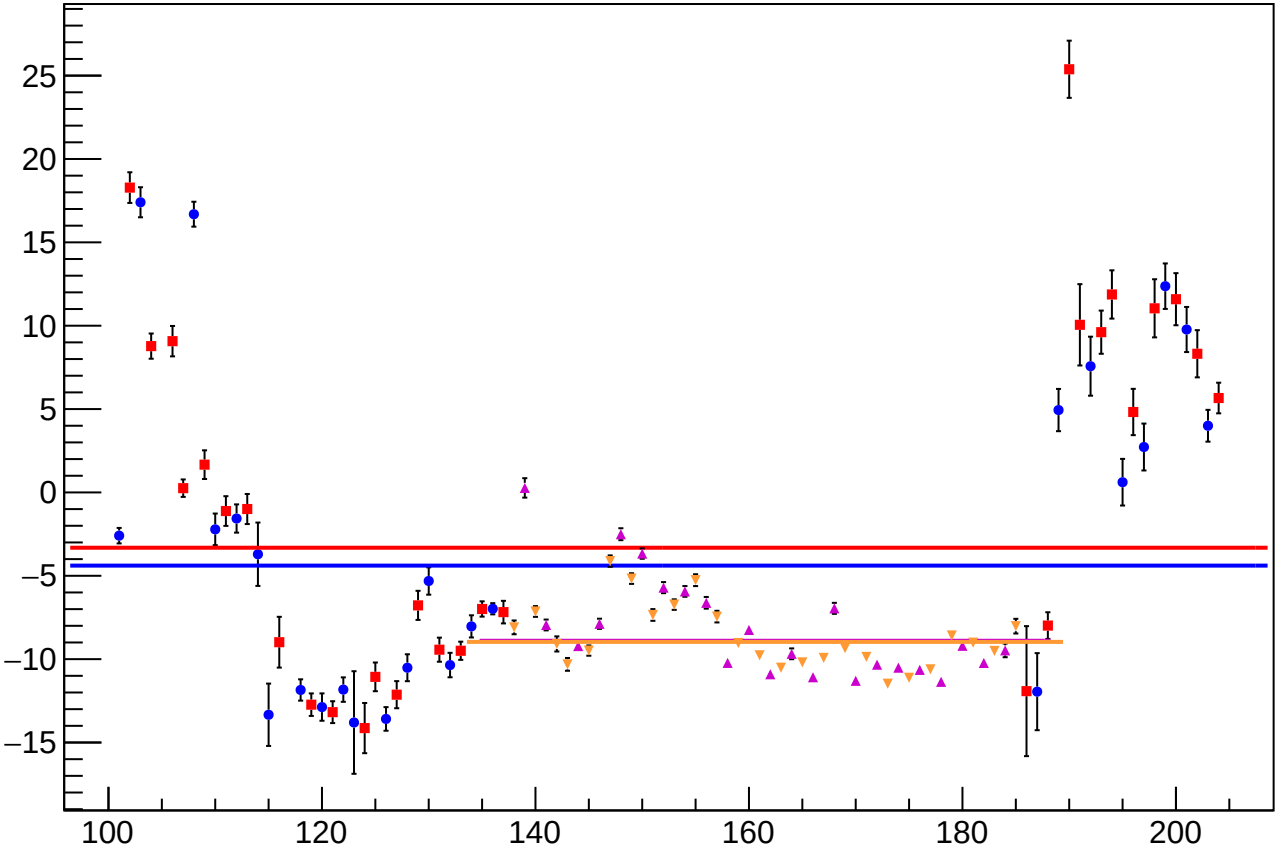
Right: -0.512+/-0.129 χ^2/NDF: 3139.5/53

In: -6.536+/-0.064 χ^2/NDF:5548.5/47

Out: -6.424+/-0.062 χ^2/NDF:6174.9/53

All: -6.478+/-0.045 χ^2/NDF: 11725.1/101

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.390+/-0.160 χ^2/NDF: 2658.9/24

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -3.317+/-0.159 χ^2/NDF: 2997.1/28

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

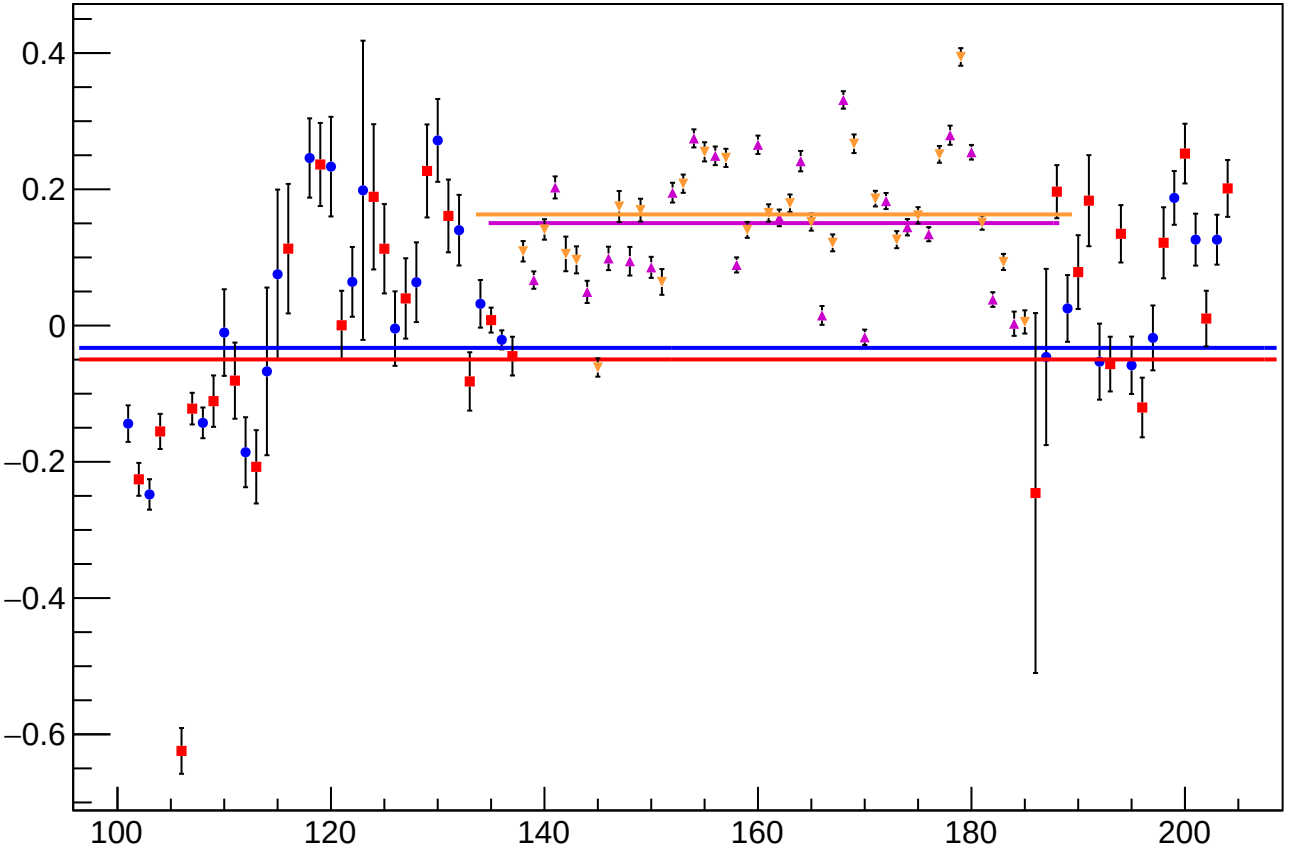
Right: -3.849+/-0.113 χ^2/NDF: 5678.6/53

In: -8.319+/-0.057 χ^2/NDF:4933.2/47

Out: -8.255+/-0.056 χ^2/NDF:4977.4/53

All: -8.286+/-0.040 χ^2/NDF: 9911.2/101

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.033+/-0.007 χ^2/NDF: 296.9/24

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.050+/-0.007 χ^2/NDF: 642.0/28

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

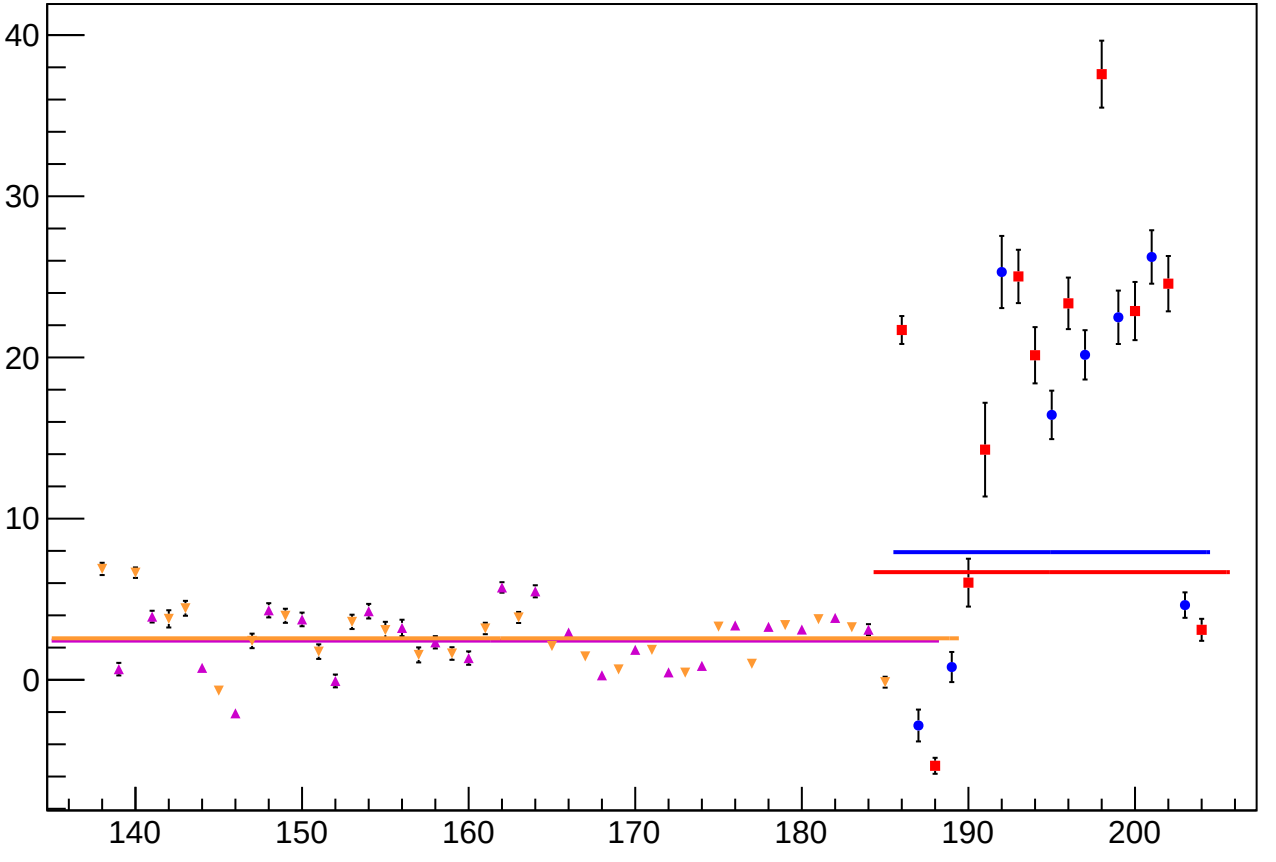
Right: -0.041+/-0.005 χ^2/NDF: 941.5/53

In: 0.128+/-0.003 χ^2/NDF:2126.9/47

Out: 0.137+/-0.003 χ^2/NDF:2408.5/53

All: 0.133+/-0.002 χ^2/NDF: 4540.8/101

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.921+/-0.424 χ^2/NDF: 549.6/7

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 6.681+/-0.315 χ^2/NDF: 1622.6/10

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

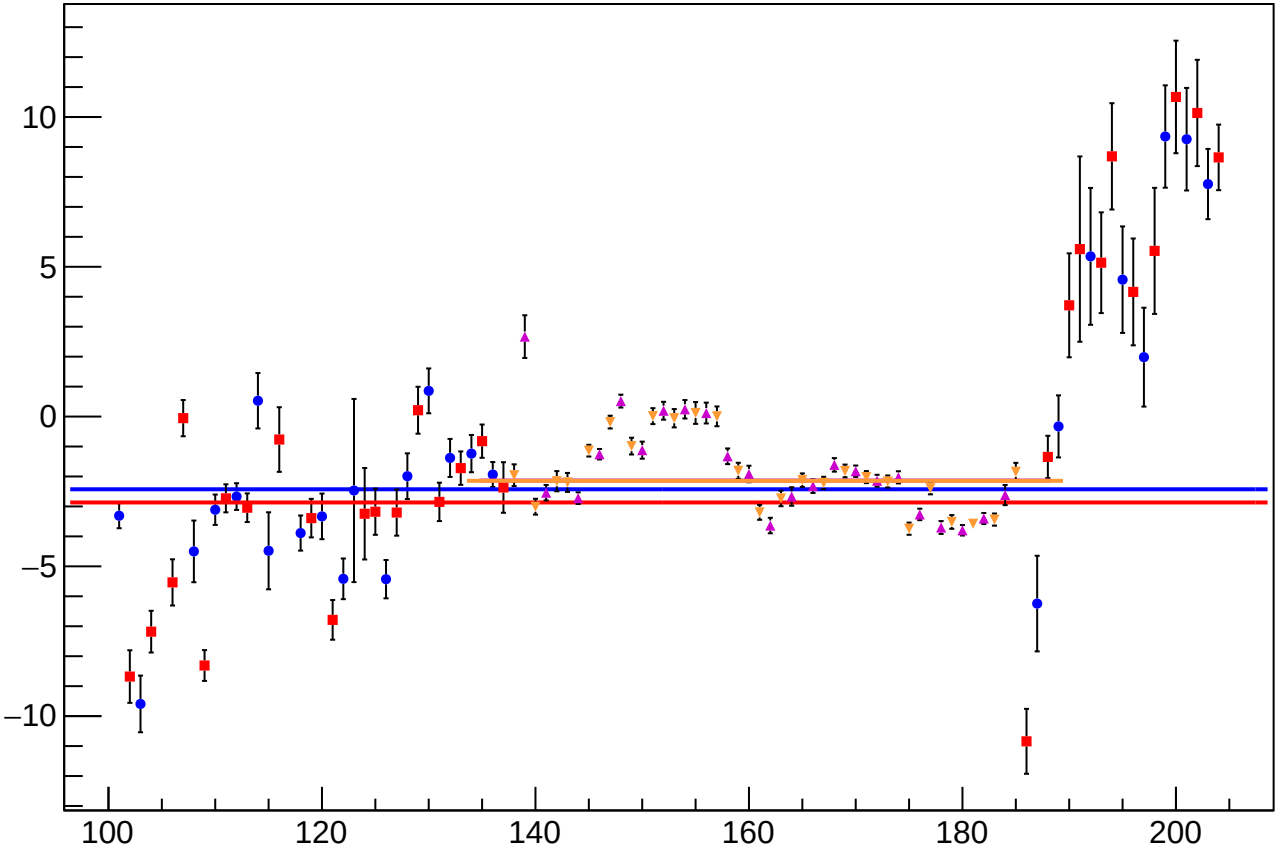
Right: 7.122+/-0.253 χ^2/NDF: 2177.6/18

In: 2.538+/-0.059 χ^2/NDF:1597.0/30

Out: 2.711+/-0.057 χ^2/NDF:2654.7/35

All: 2.627+/-0.041 χ^2/NDF: 4256.2/66

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.428+/-0.148 χ^2/NDF: 370.9/24

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -2.868+/-0.145 χ^2/NDF: 695.3/28

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

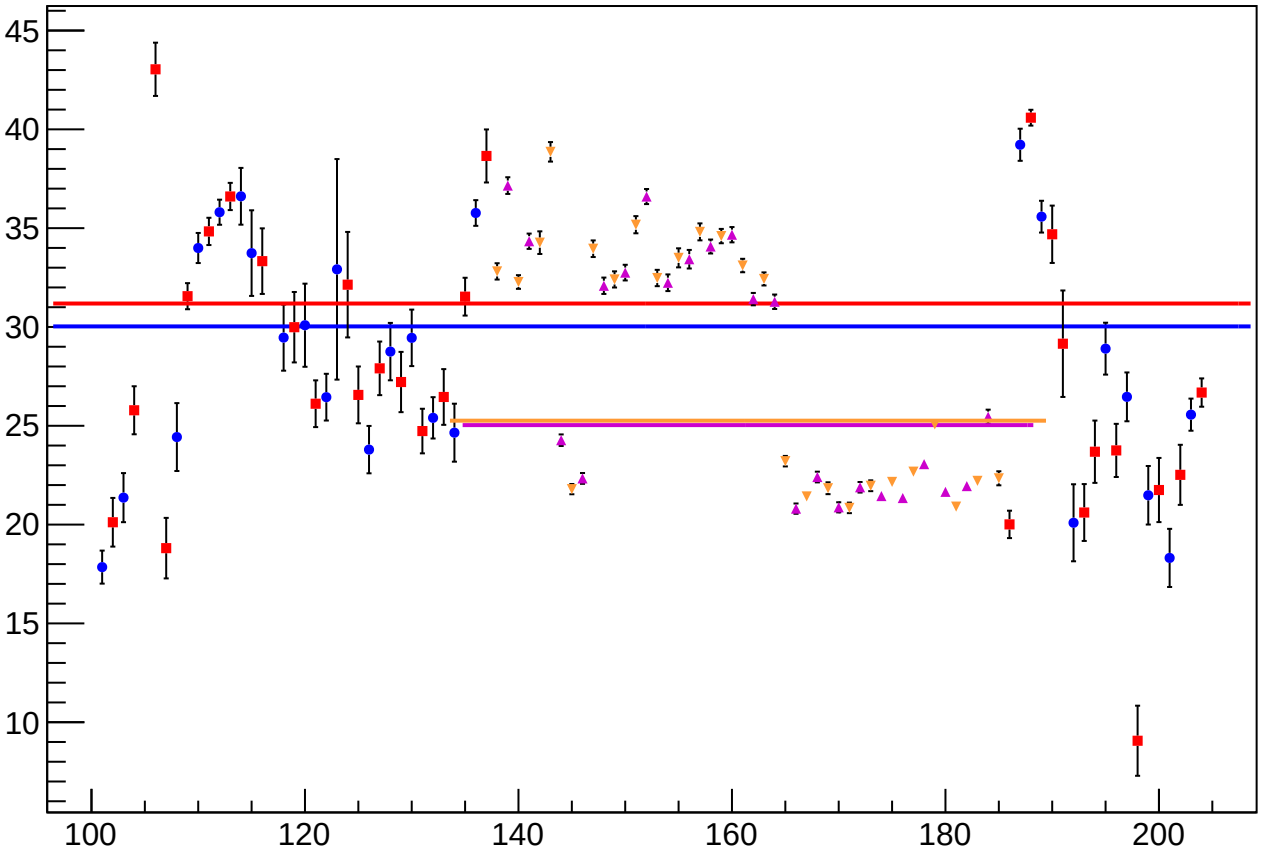
Right: -2.652+/-0.103 χ^2/NDF: 1070.8/53

In: -2.165+/-0.046 χ^2/NDF:1068.0/47

Out: -2.215+/-0.045 χ^2/NDF:1290.4/53

All: -2.190+/-0.032 χ^2/NDF: 2359.0/101

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.028+/-0.218 χ^2/NDF: 892.1/24

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.186+/-0.188 χ^2/NDF: 1639.2/28

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

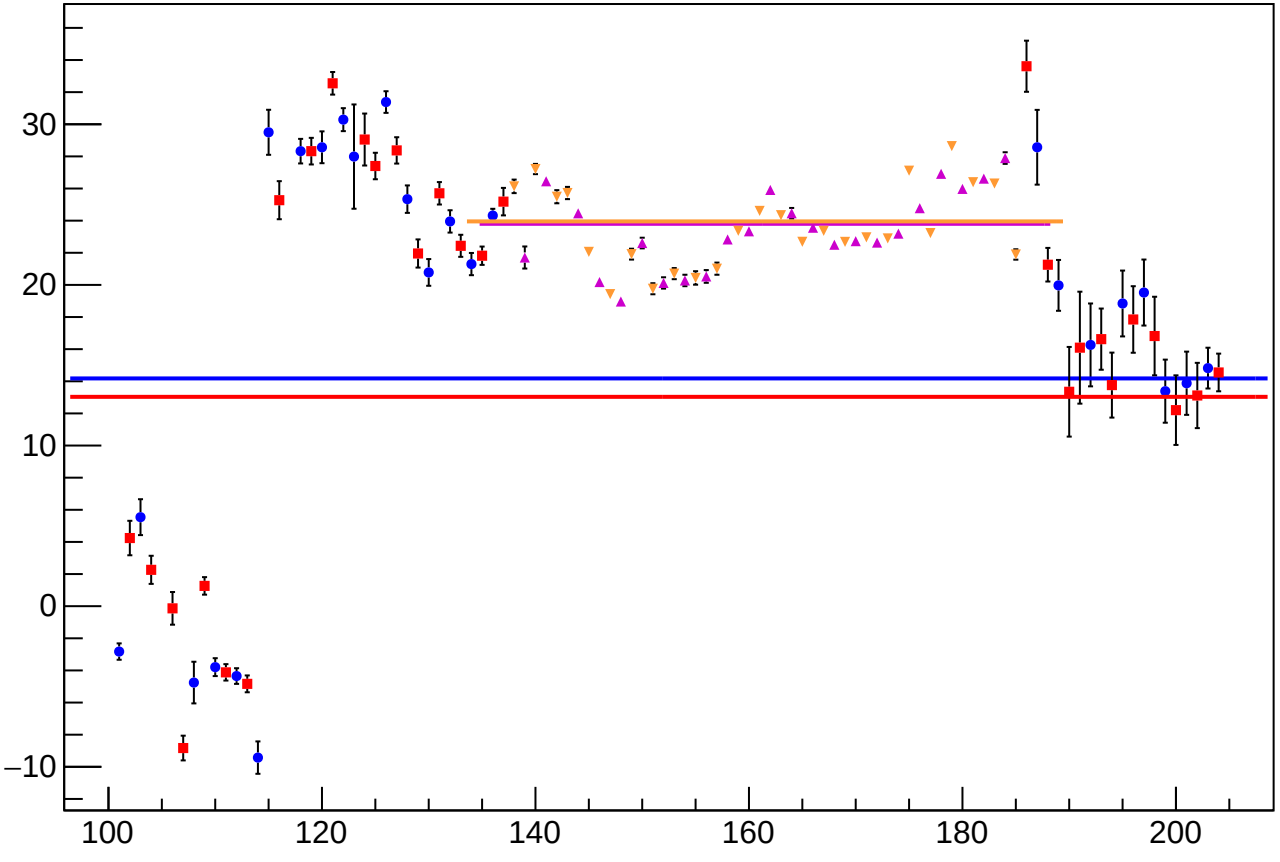
Right: 30.691+/-0.142 χ^2/NDF: 2547.4/53

In: 25.379+/-0.057 χ^2/NDF:9070.9/47

Out: 25.787+/-0.056 χ^2/NDF:10677.5/53

All: 25.587+/-0.040 χ^2/NDF: 19774.2/101

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.178+/-0.166 χ^2/NDF: 7458.4/24

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 13.032+/-0.165 χ^2/NDF: 7217.8/28

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

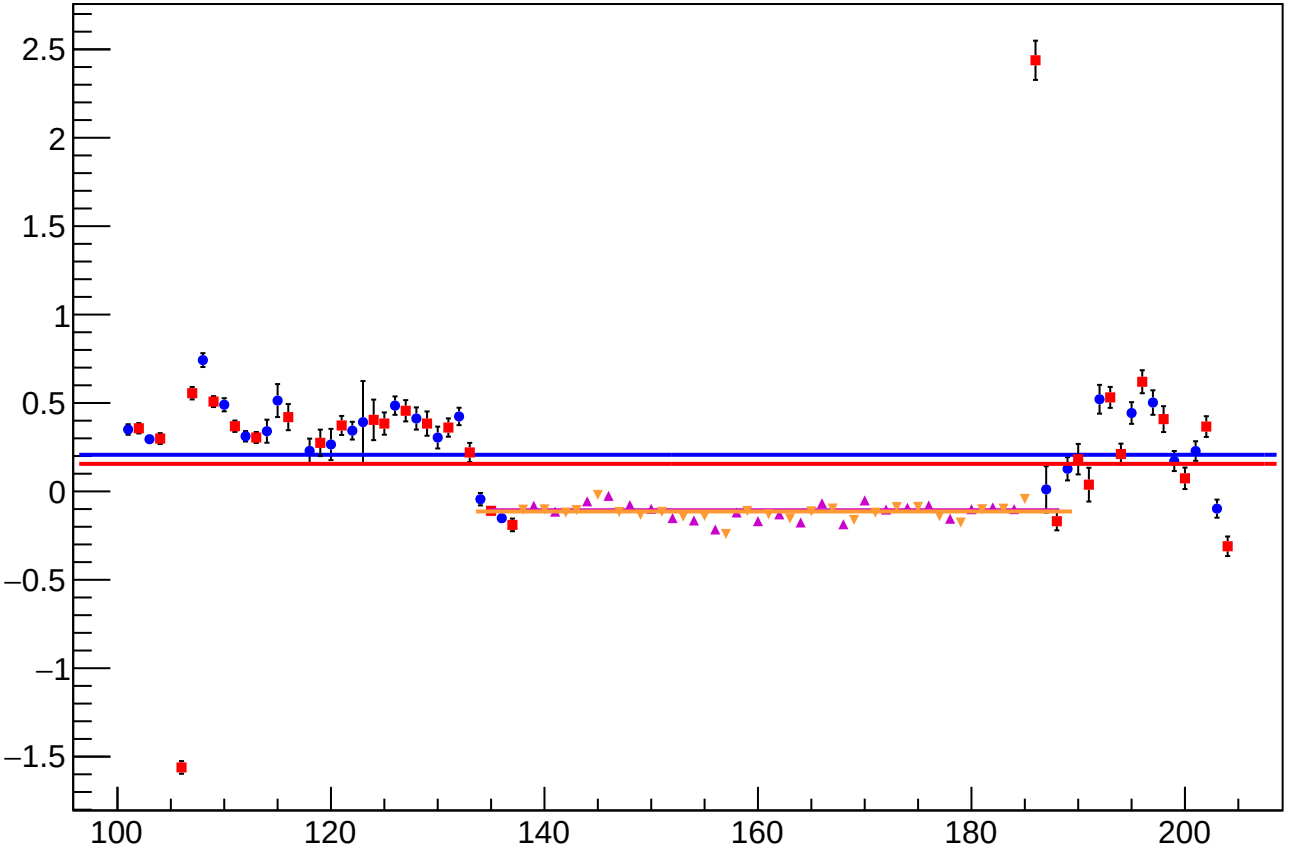
Right: 13.601+/-0.117 χ^2/NDF: 14700.1/53

In: 22.890+/-0.051 χ^2/NDF:12251.5/47

Out: 22.925+/-0.051 χ^2/NDF:13101.6/53

All: 22.907+/-0.036 χ^2/NDF: 25353.3/101

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.009 χ^2/NDF: 933.9/24

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.156+/-0.008 χ^2/NDF: 3666.6/28

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

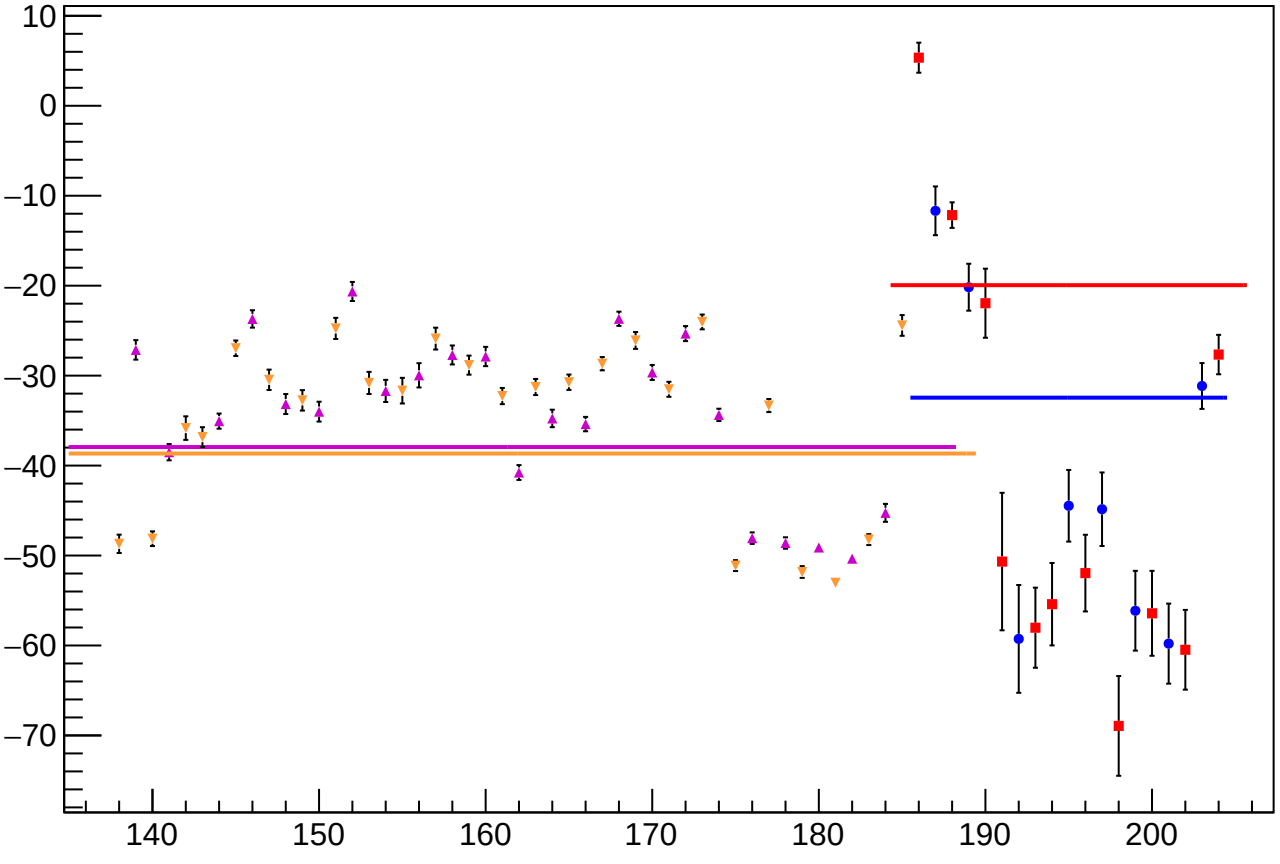
Right: 0.181+/-0.006 χ^2/NDF: 4618.6/53

In: -0.083+/-0.002 χ^2/NDF:2471.6/47

Out: -0.093+/-0.002 χ^2/NDF:4918.4/53

All: -0.088+/-0.002 χ^2/NDF: 7397.7/101

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.449+/-1.204 χ^2/NDF: 185.8/7

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -19.944+/-0.837 χ^2/NDF: 699.4/10

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

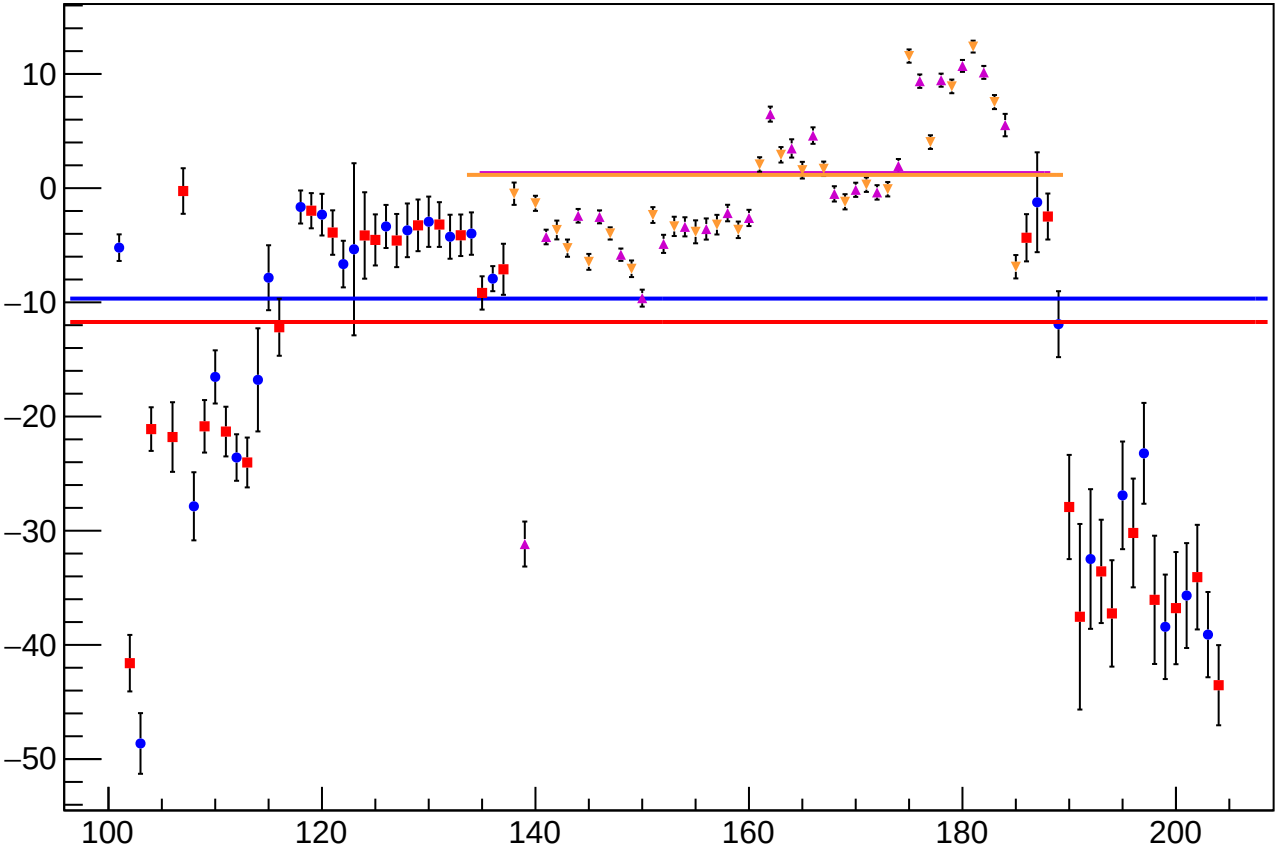
Right: -24.014+/-0.687 χ^2/NDF: 957.8/18

In: -37.829+/-0.171 χ^2/NDF:3339.4/30

Out: -37.923+/-0.166 χ^2/NDF:5253.9/35

All: -37.877+/-0.119 χ^2/NDF: 8593.4/66

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.671+/-0.441 χ^2/NDF: 596.2/24

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -11.721+/-0.446 χ^2/NDF: 694.0/28

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

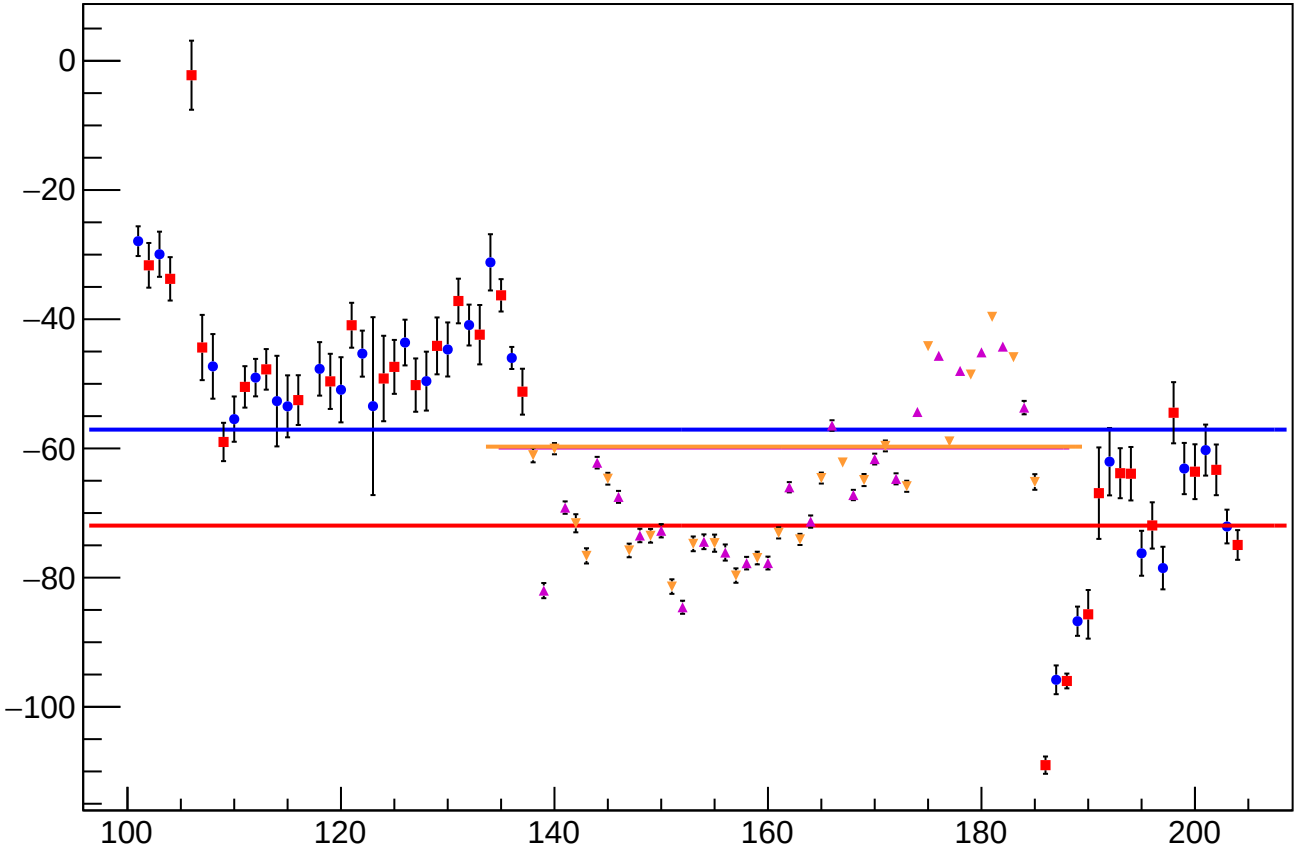
Right: -10.683+/-0.314 χ^2/NDF: 1300.9/53

In: 0.319+/-0.133 χ^2/NDF:3241.8/47

Out: 0.064+/-0.130 χ^2/NDF:3242.1/53

All: 0.189+/-0.093 χ^2/NDF: 6485.8/101

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -57.086+/-0.657 χ^2/NDF: 964.5/24

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -71.944+/-0.551 χ^2/NDF: 2467.8/28

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

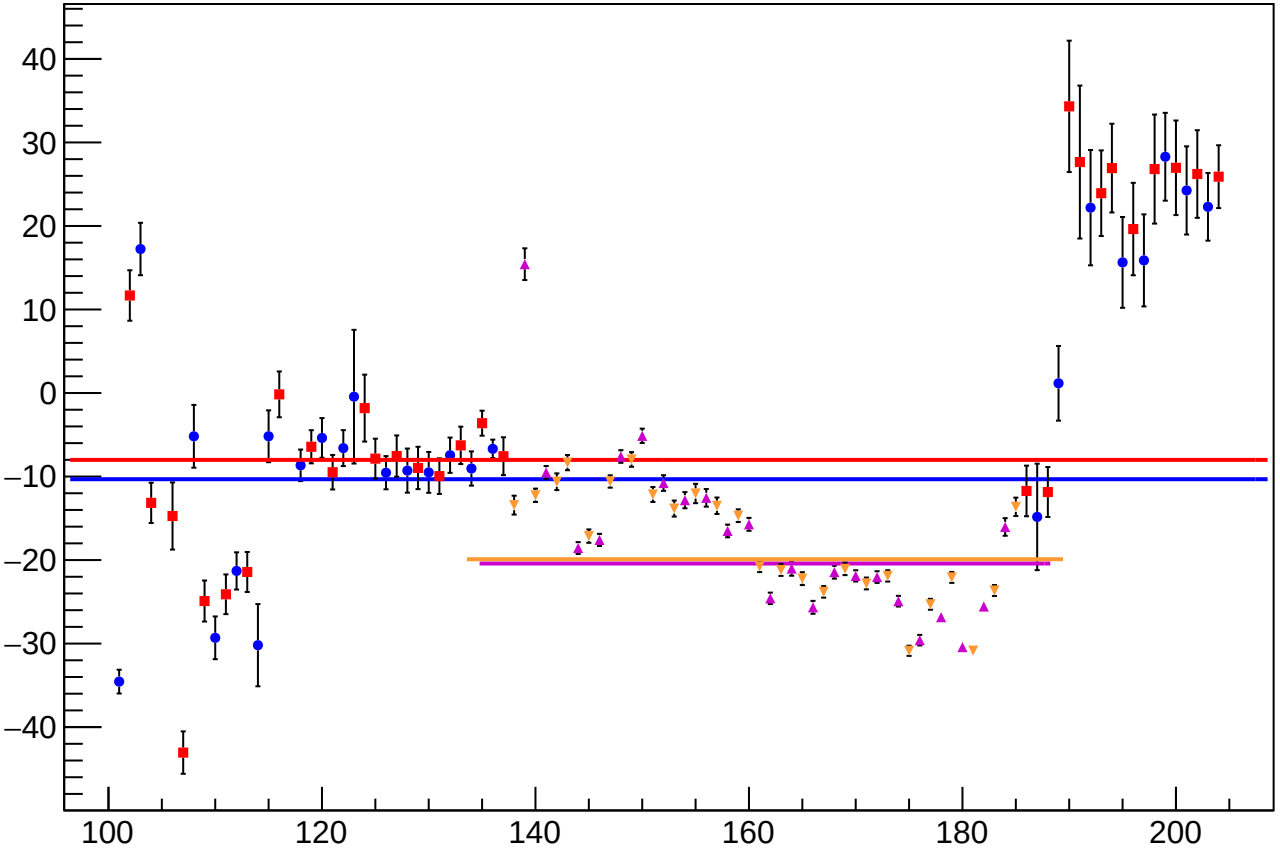
Right: -65.802+/-0.422 χ^2/NDF: 3732.7/53

In: -59.685+/-0.167 χ^2/NDF:6256.3/47

Out: -60.790+/-0.163 χ^2/NDF:8706.2/53

All: -60.252+/-0.117 χ^2/NDF: 14985.0/101

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.320+/-0.500 χ^2/NDF: 727.3/24

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -8.007+/-0.515 χ^2/NDF: 731.8/28

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

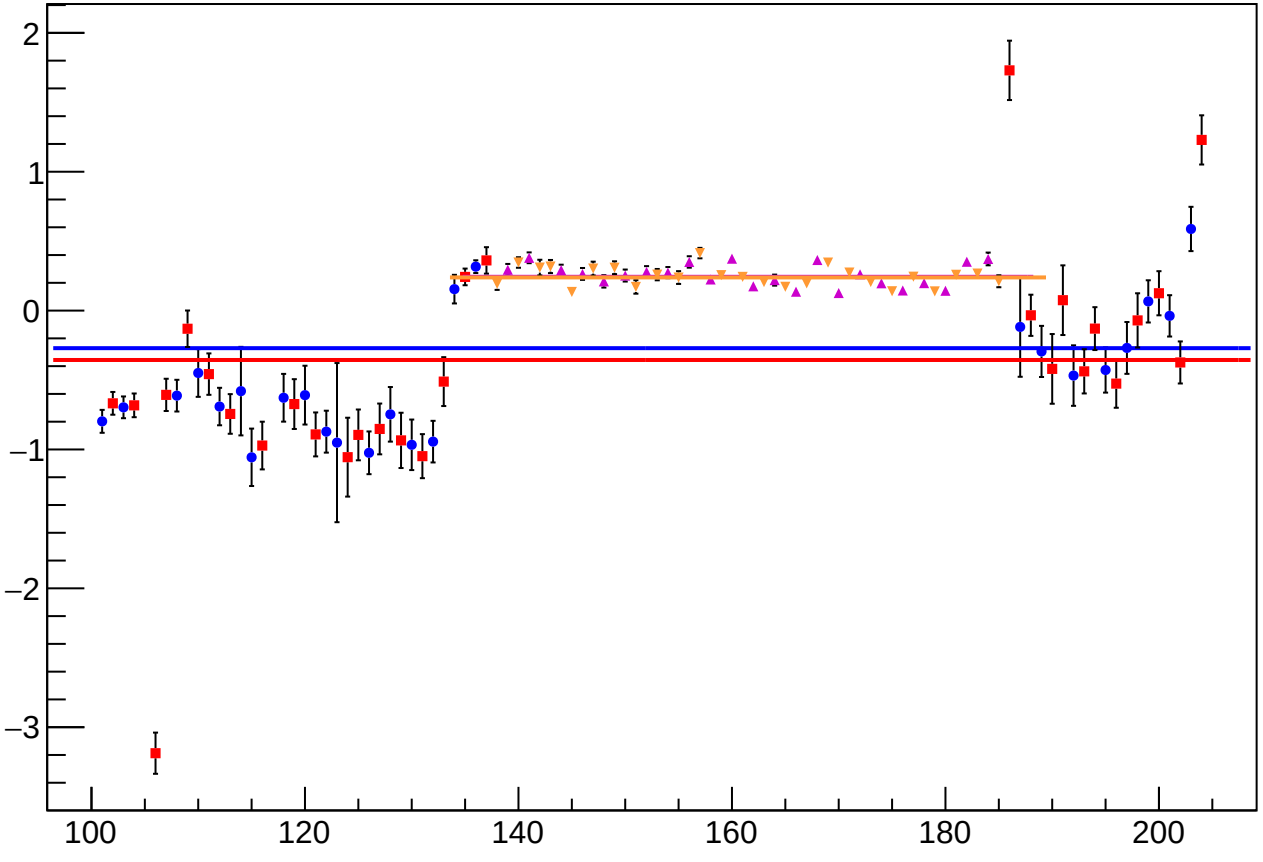
Right: -9.197+/-0.359 χ^2/NDF: 1469.5/53

In: -19.515+/-0.149 χ^2/NDF:3443.7/47

Out: -18.936+/-0.147 χ^2/NDF:3126.8/53

All: -19.221+/-0.105 χ^2/NDF: 6578.2/101

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.271+/-0.025 χ^2/NDF: 412.5/24

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.356+/-0.025 χ^2/NDF: 840.7/28

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

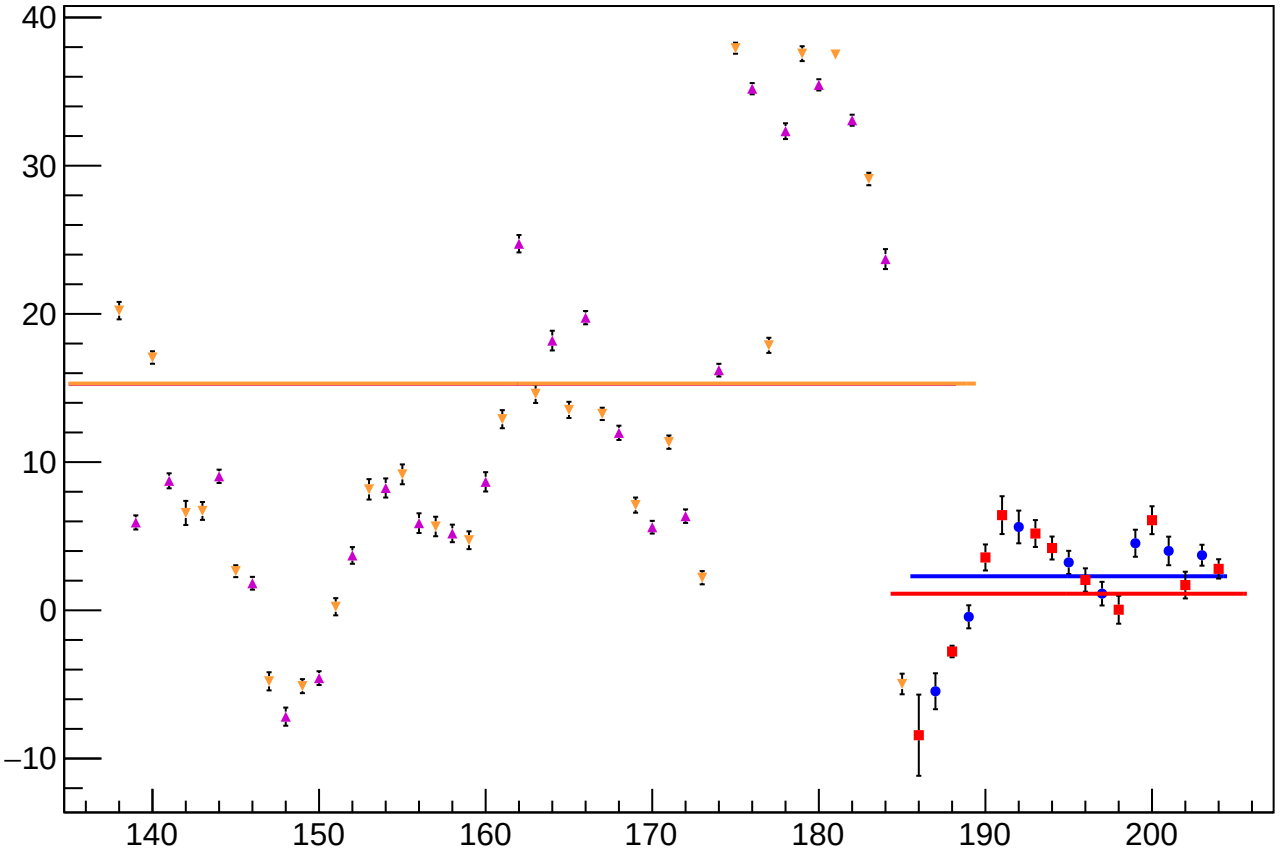
Right: -0.313+/-0.018 χ^2/NDF: 1258.9/53

In: 0.205+/-0.007 χ^2/NDF:936.5/47

Out: 0.196+/-0.007 χ^2/NDF:1450.7/53

All: 0.200+/-0.005 χ^2/NDF: 2388.1/101

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.297+/-0.307 χ^2/NDF: 79.0/7

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 1.119+/-0.229 χ^2/NDF: 211.1/10

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

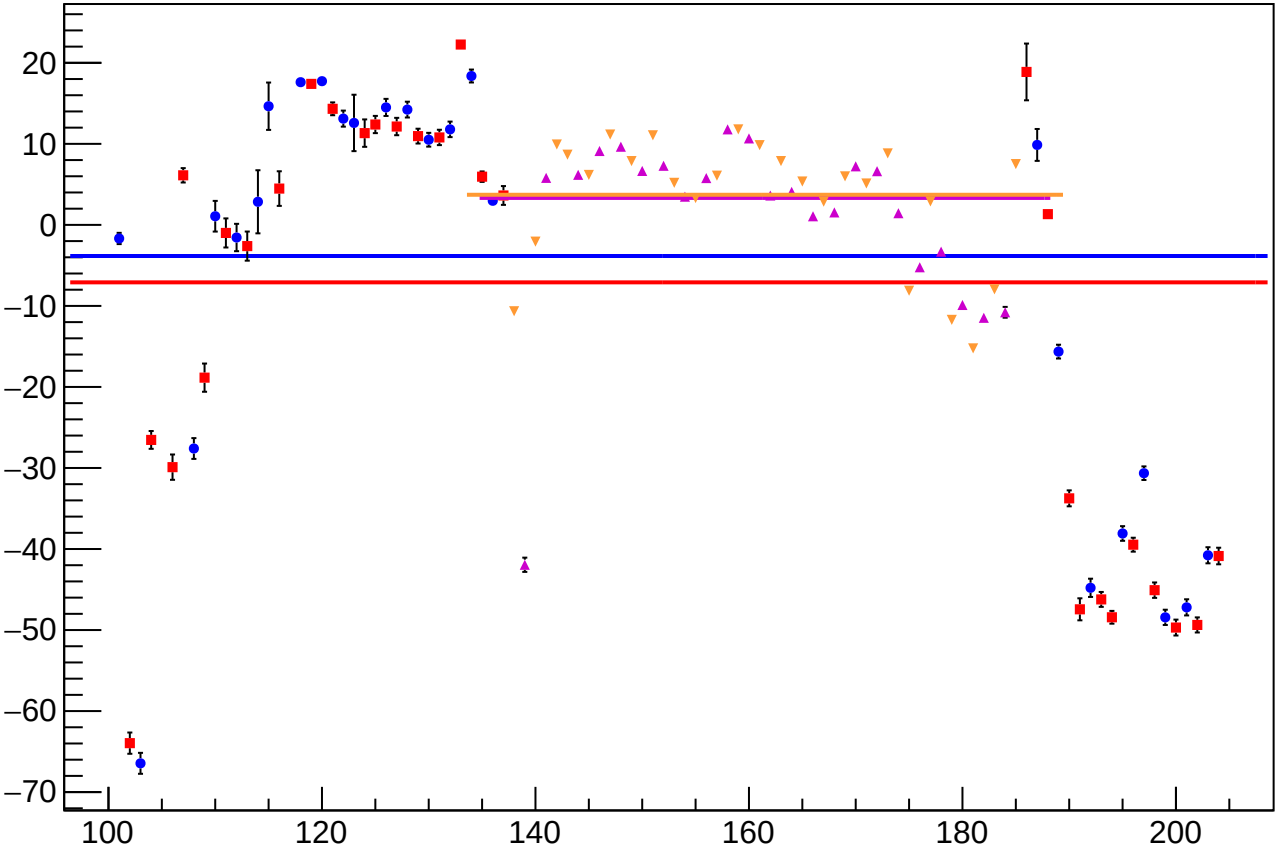
Right: 1.542+/-0.184 χ^2/NDF: 299.6/18

In: 13.972+/-0.097 χ^2/NDF:18097.2/30

Out: 13.009+/-0.092 χ^2/NDF:22548.0/35

All: 13.467+/-0.067 χ^2/NDF: 40697.0/66

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.840+/-0.183 χ^2/NDF: 17959.5/24

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -7.092+/-0.169 χ^2/NDF: 26205.7/28

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

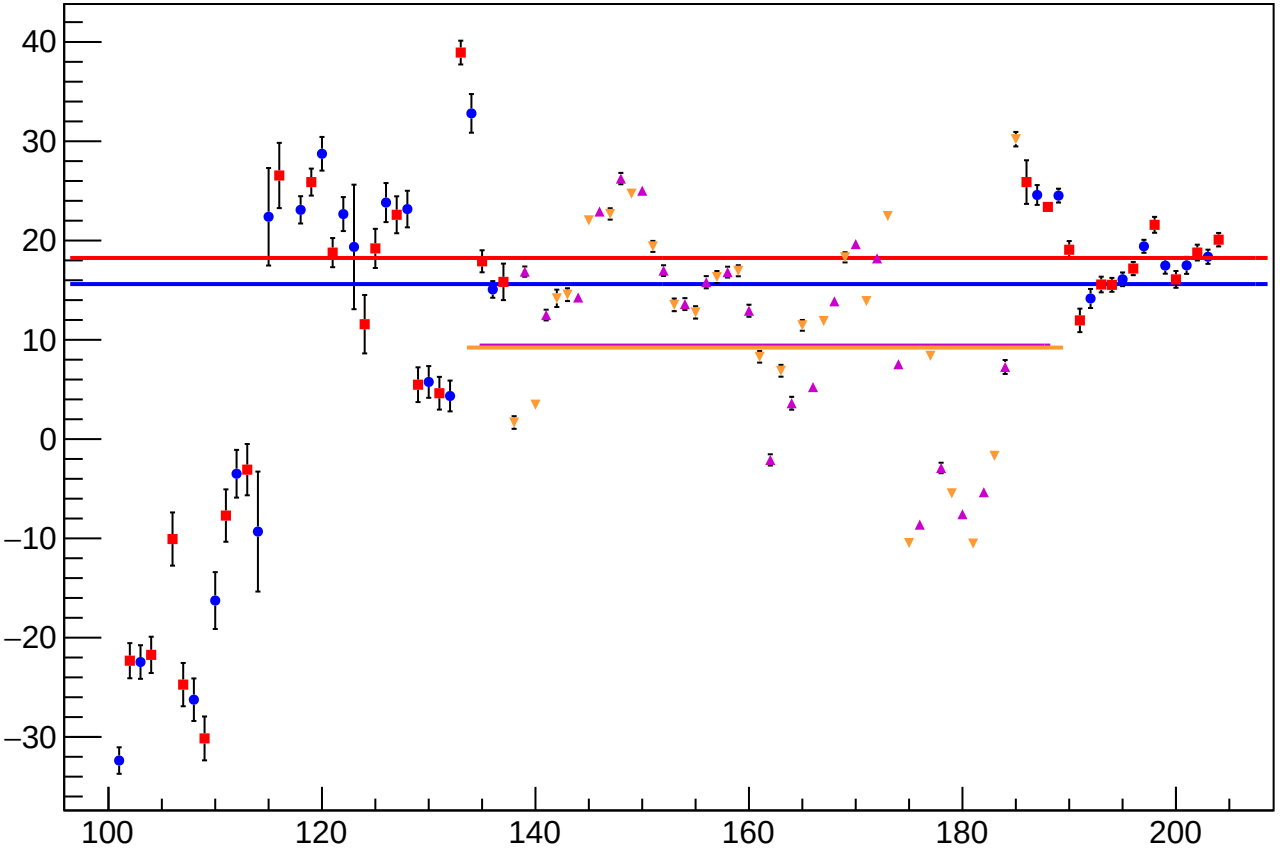
Right: -5.596+/-0.124 χ^2/NDF: 44335.6/53

In: 2.154+/-0.074 χ^2/NDF:28071.4/47

Out: 1.780+/-0.072 χ^2/NDF:38765.7/53

All: 1.961+/-0.051 χ^2/NDF: 66850.3/101

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.615+/-0.228 χ^2/NDF: 3001.1/24

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.245+/-0.181 χ^2/NDF: 2987.8/28

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

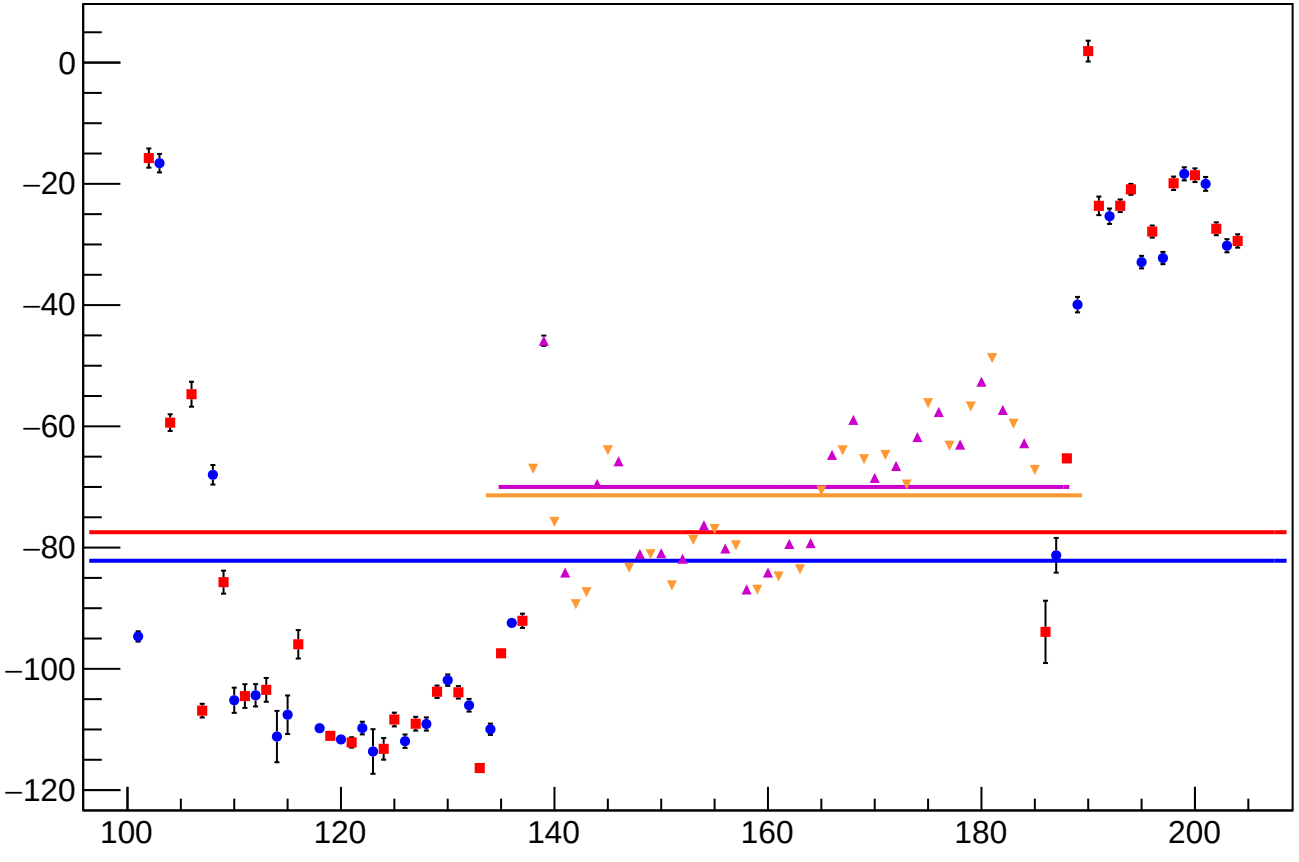
Right: 17.232+/-0.142 χ^2/NDF: 6070.5/53

In: 10.451+/-0.093 χ^2/NDF:15693.0/47

Out: 11.370+/-0.088 χ^2/NDF:18503.7/53

All: 10.935+/-0.064 χ^2/NDF: 34248.1/101

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -82.170+/-0.213 χ^2/NDF: 26656.2/24

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -77.464+/-0.199 χ^2/NDF: 38308.2/28

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

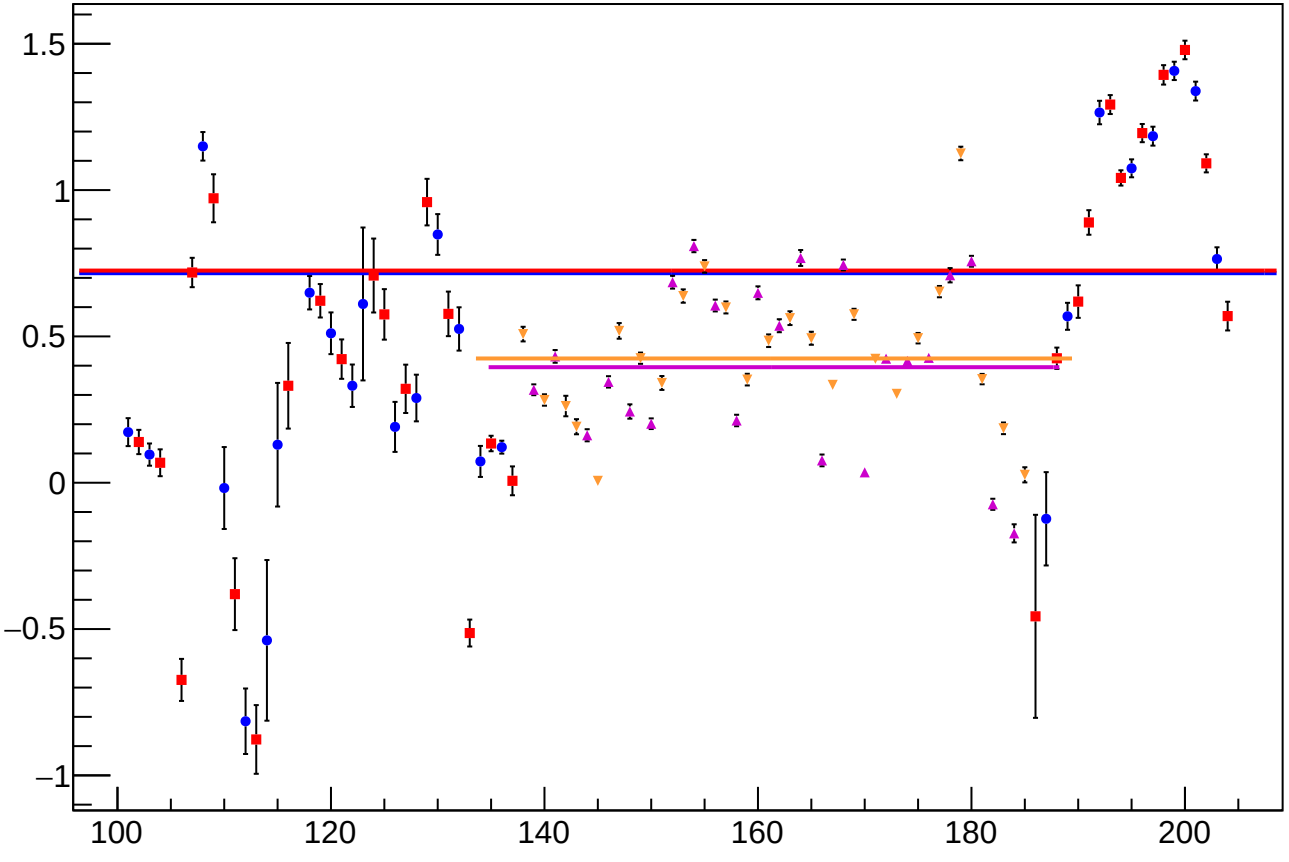
Right: -79.657+/-0.146 χ^2/NDF: 65224.5/53

In: -71.888+/-0.084 χ^2/NDF:42596.1/47

Out: -72.400+/-0.082 χ^2/NDF:55310.7/53

All: -72.152+/-0.059 χ^2/NDF: 97925.9/101

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.716+/-0.009 χ^2/NDF: 3137.2/24

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.725+/-0.008 χ^2/NDF: 4469.0/28

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

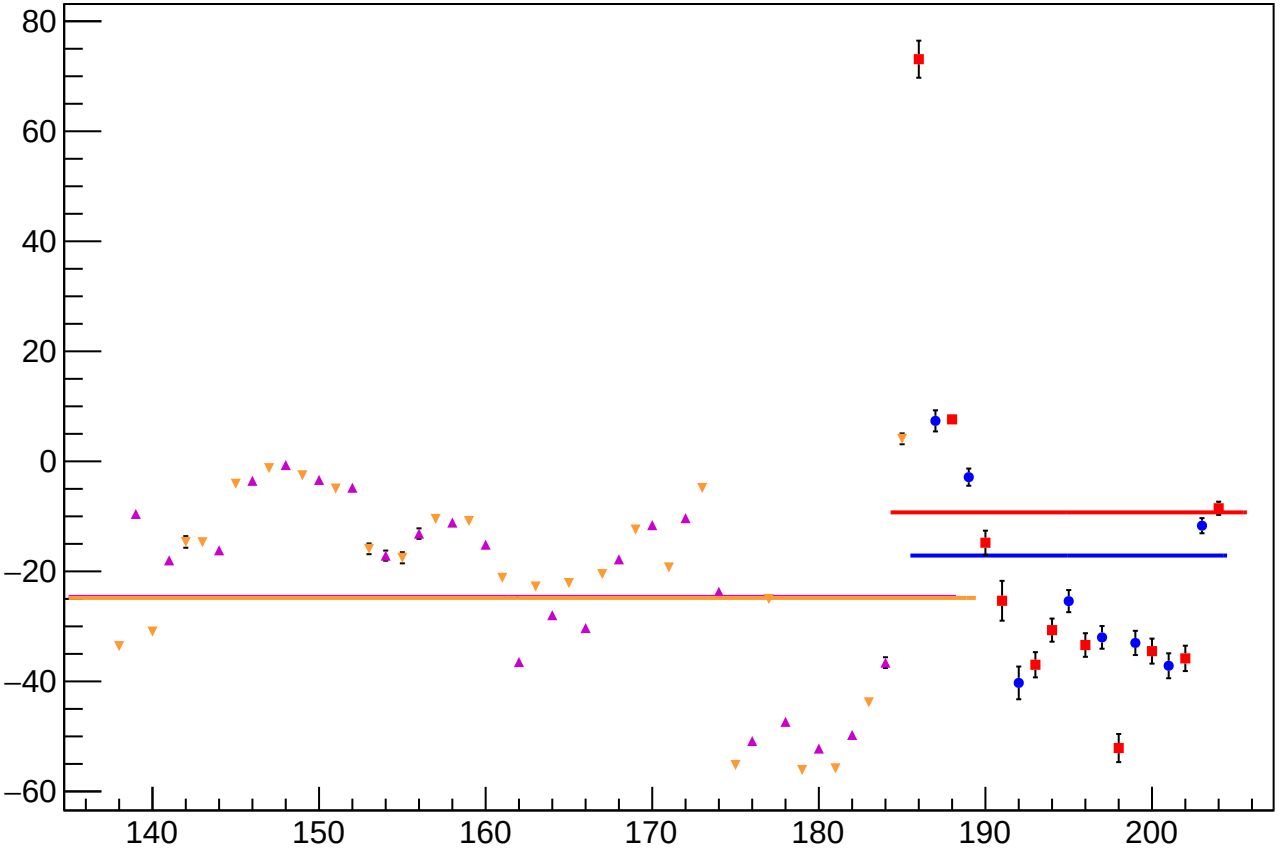
Right: 0.721+/-0.006 χ^2/NDF: 7606.7/53

In: 0.447+/-0.004 χ^2/NDF:8175.2/47

Out: 0.482+/-0.004 χ^2/NDF:8356.5/53

All: 0.465+/-0.003 χ^2/NDF: 16575.3/101

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.123+/-0.673 χ^2/NDF: 521.3/7

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -9.276+/-0.513 χ^2/NDF: 1983.1/10

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

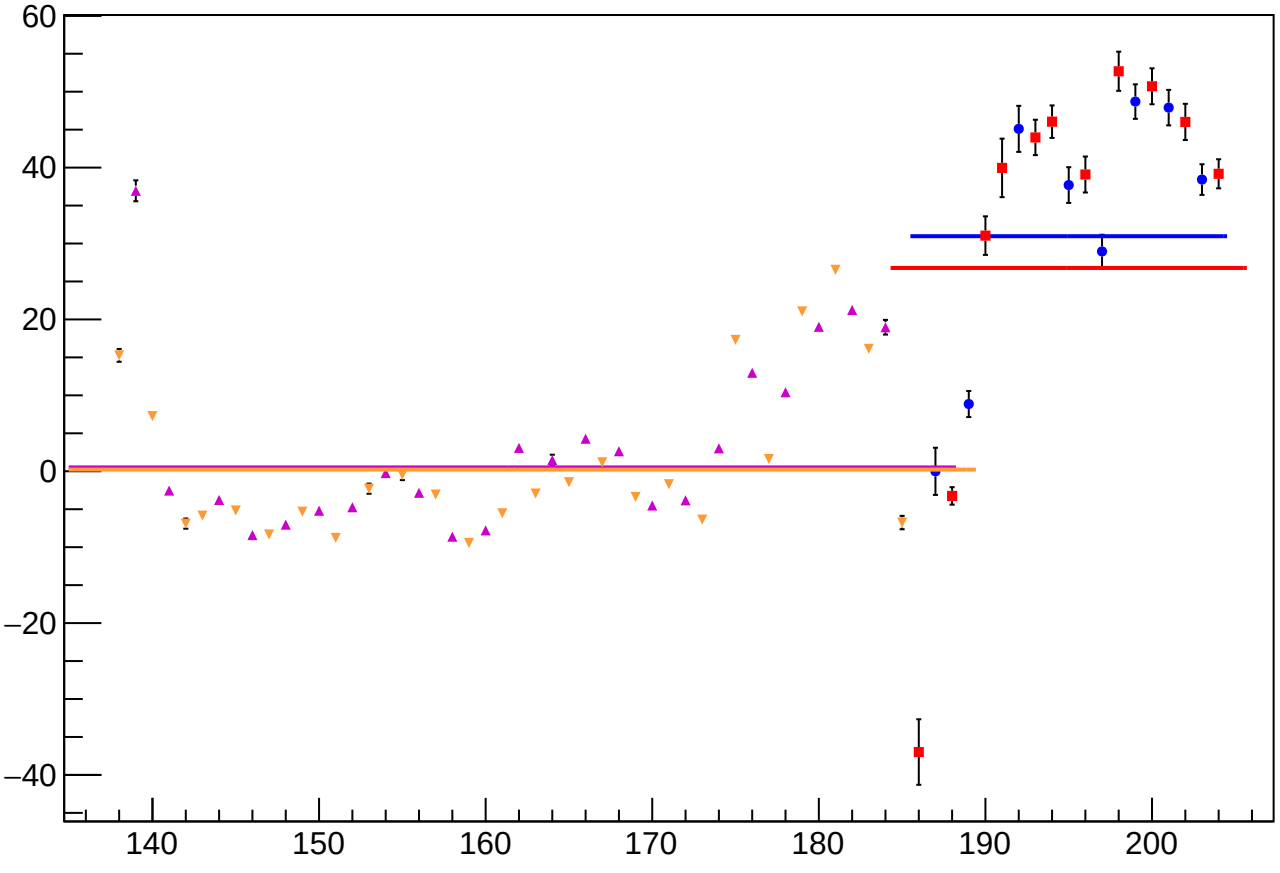
Right: -12.160+/-0.408 χ^2/NDF: 2590.3/18

In: -24.315+/-0.139 χ^2/NDF:15588.3/30

Out: -23.752+/-0.135 χ^2/NDF:21111.9/35

All: -24.025+/-0.097 χ^2/NDF: 36708.7/66

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.962+/-0.800 χ^2/NDF: 422.6/7

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 26.781+/-0.647 χ^2/NDF: 1384.3/10

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

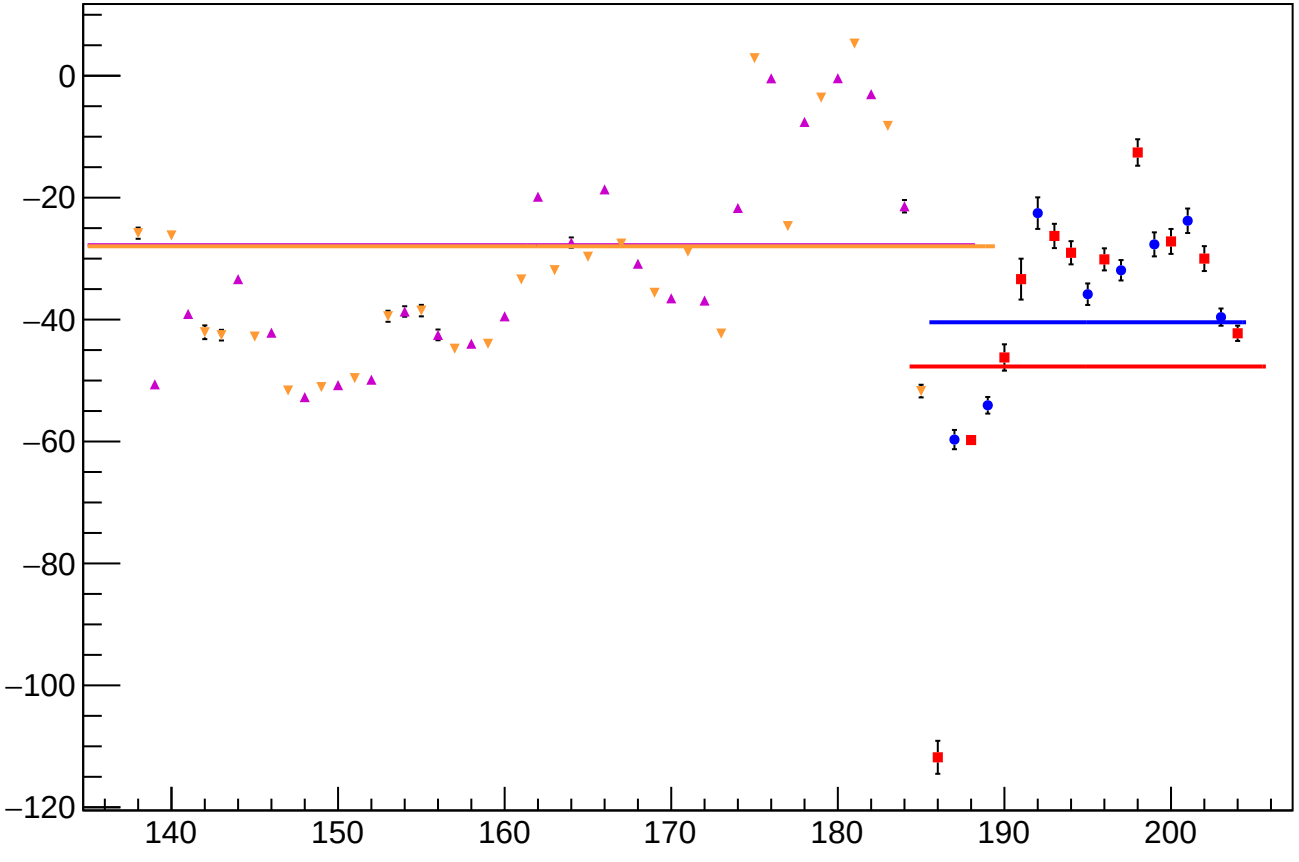
Right: 28.434+/-0.503 χ^2/NDF: 1823.4/18

In: 1.089+/-0.111 χ^2/NDF:8469.3/30

Out: 0.947+/-0.107 χ^2/NDF:11274.6/35

All: 1.016+/-0.077 χ^2/NDF: 19744.7/66

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.441+/-0.601 χ^2/NDF: 439.7/7

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -47.695+/-0.448 χ^2/NDF: 1688.9/10

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

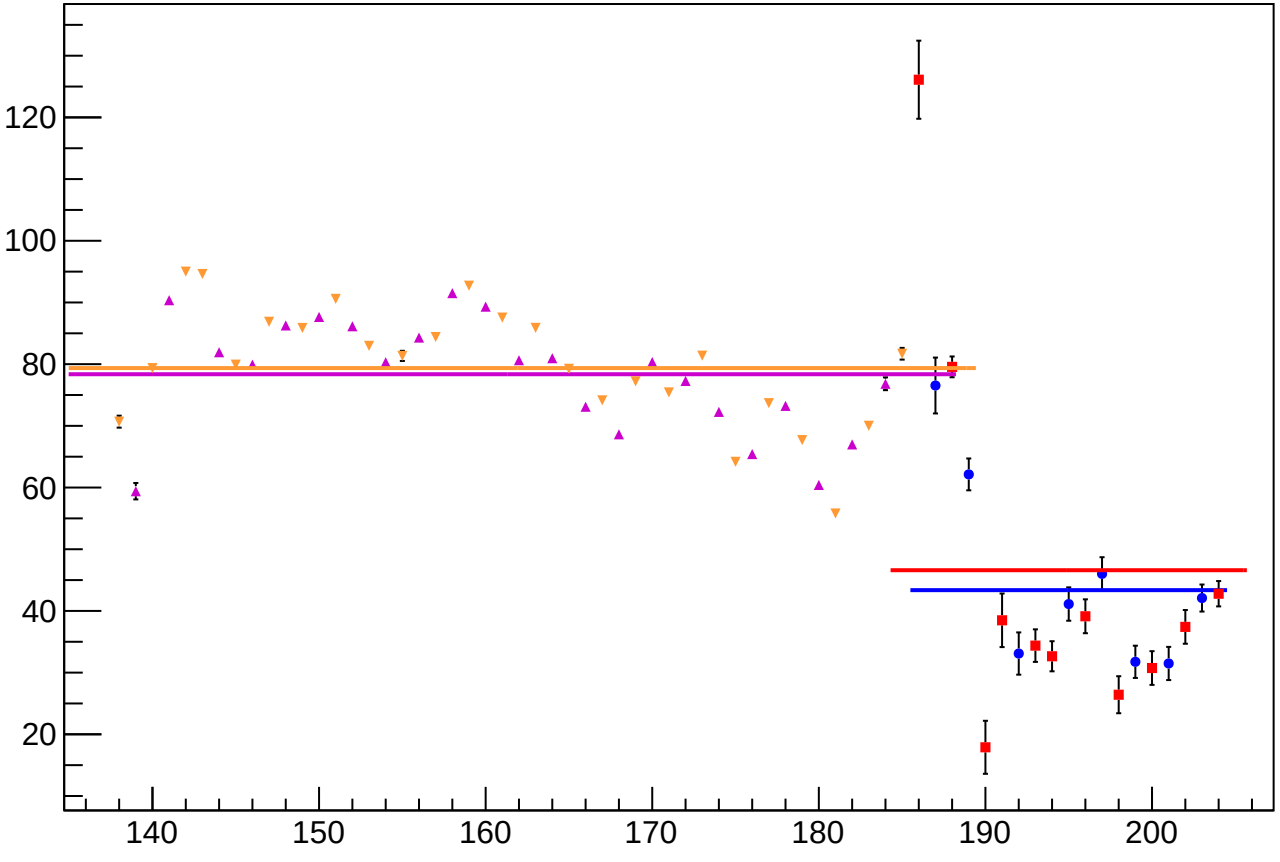
Right: -45.102+/-0.359 χ^2/NDF: 2222.3/18

In: -28.463+/-0.138 χ^2/NDF:16052.8/30

Out: -29.734+/-0.134 χ^2/NDF:20532.2/35

All: -29.119+/-0.096 χ^2/NDF: 36628.7/66

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.368+/-0.975 χ^2/NDF: 156.8/7

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 46.599+/-0.805 χ^2/NDF: 743.4/10

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

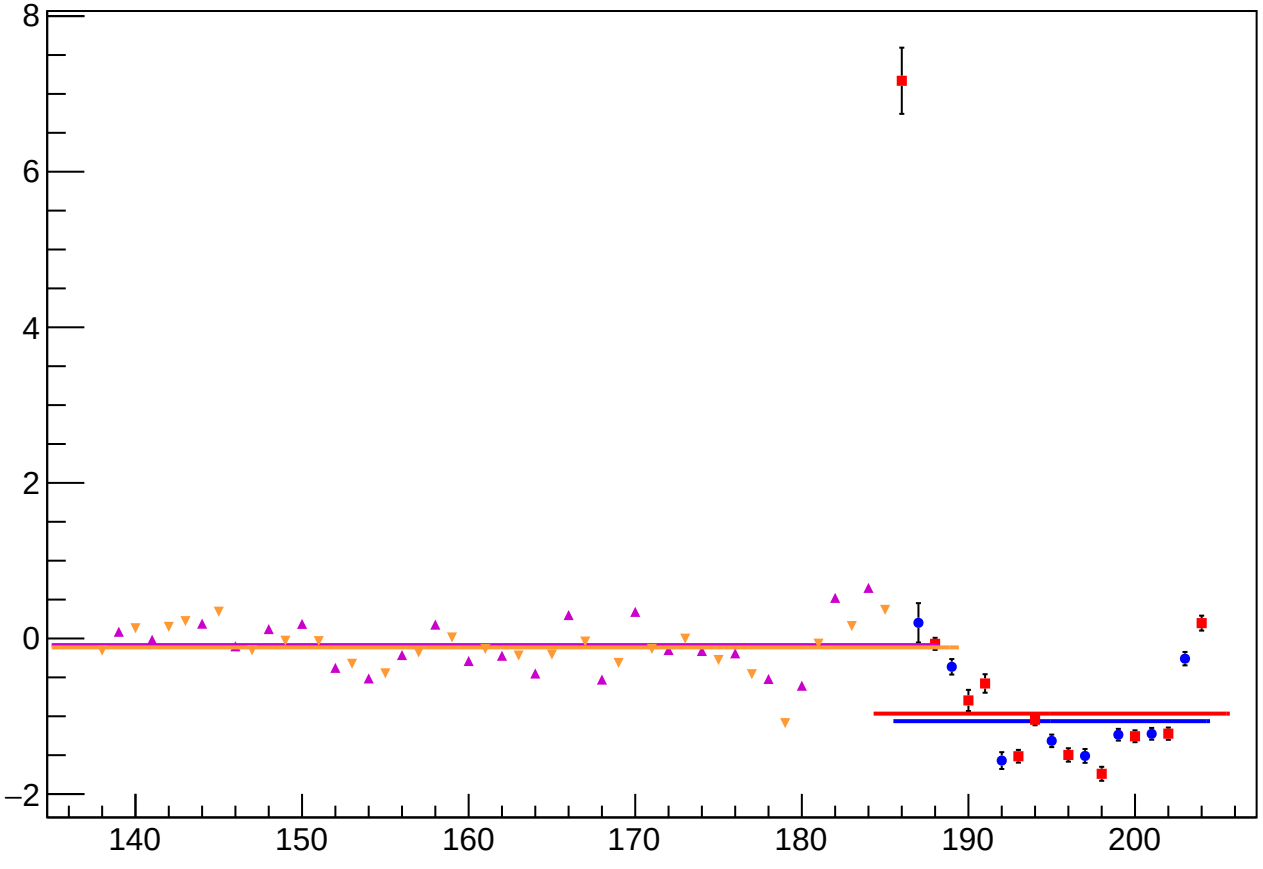
Right: 45.290+/-0.621 χ^2/NDF: 906.7/18

In: 77.789+/-0.125 χ^2/NDF:6159.0/30

Out: 78.610+/-0.122 χ^2/NDF:8329.5/35

All: 78.210+/-0.087 χ^2/NDF: 14510.5/66

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.063+/-0.032 χ^2/NDF: 227.7/7

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.966+/-0.027 χ^2/NDF: 840.1/10

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

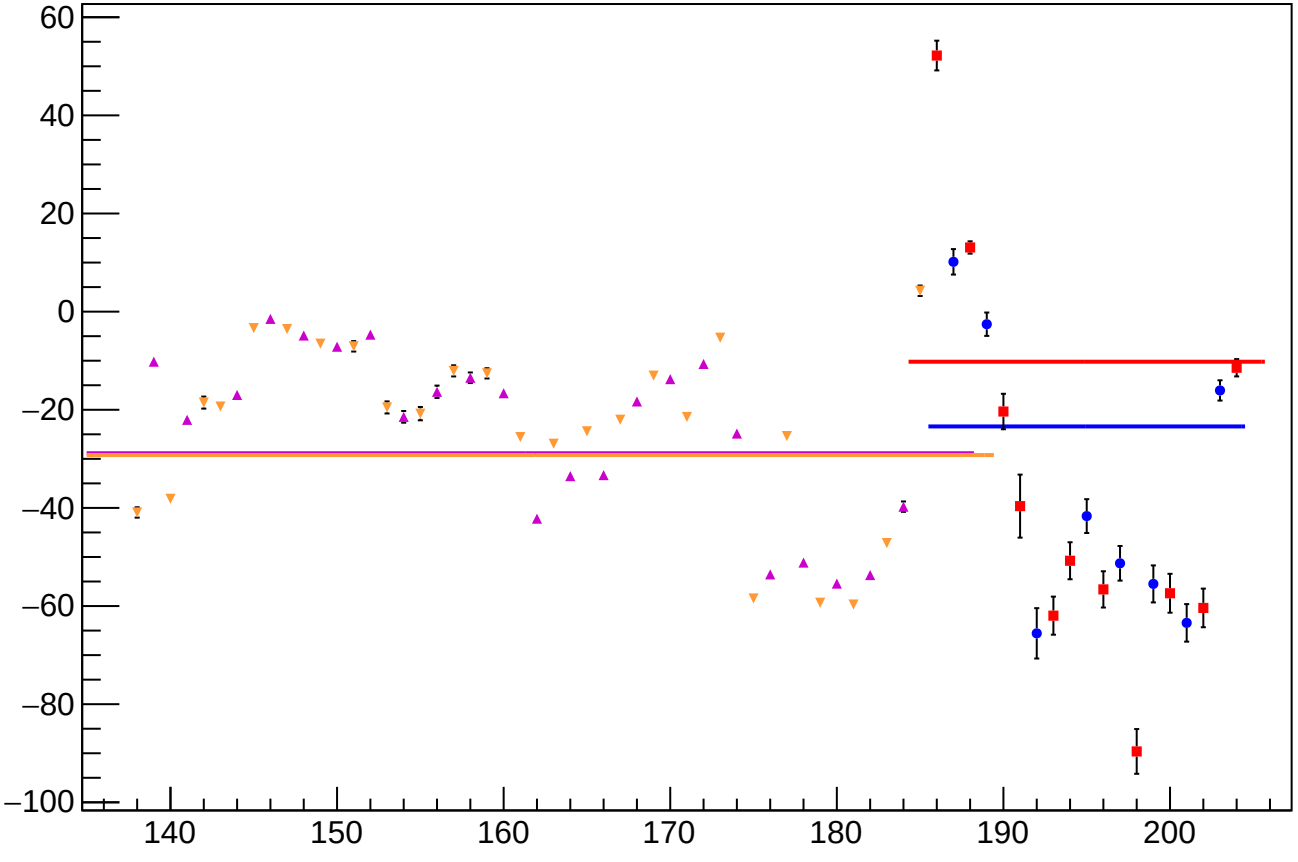
Right: -1.006+/-0.021 χ^2/NDF: 1073.0/18

In: -0.115+/-0.006 χ^2/NDF:4270.7/30

Out: -0.150+/-0.006 χ^2/NDF:4060.1/35

All: -0.133+/-0.004 χ^2/NDF: 8349.8/66

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.395+/-1.054 χ^2/NDF: 596.2/7

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -10.205+/-0.802 χ^2/NDF: 1858.5/10

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

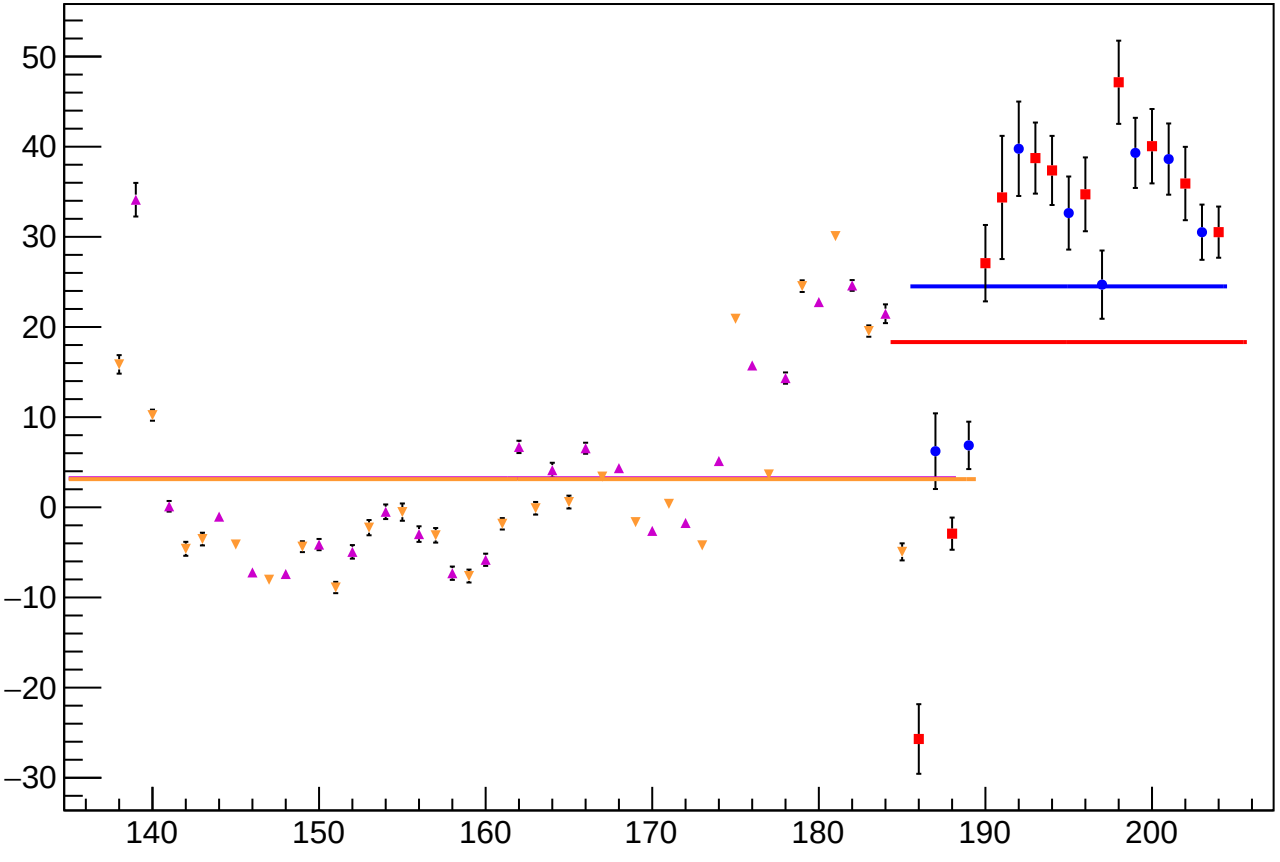
Right: -15.043+/-0.638 χ^2/NDF: 2553.9/18

In: -28.735+/-0.157 χ^2/NDF:14176.1/30

Out: -28.525+/-0.154 χ^2/NDF:19280.0/35

All: -28.628+/-0.110 χ^2/NDF: 33457.0/66

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.506+/-1.285 χ^2/NDF: 107.6/7

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 18.328+/-1.031 χ^2/NDF: 452.9/10

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

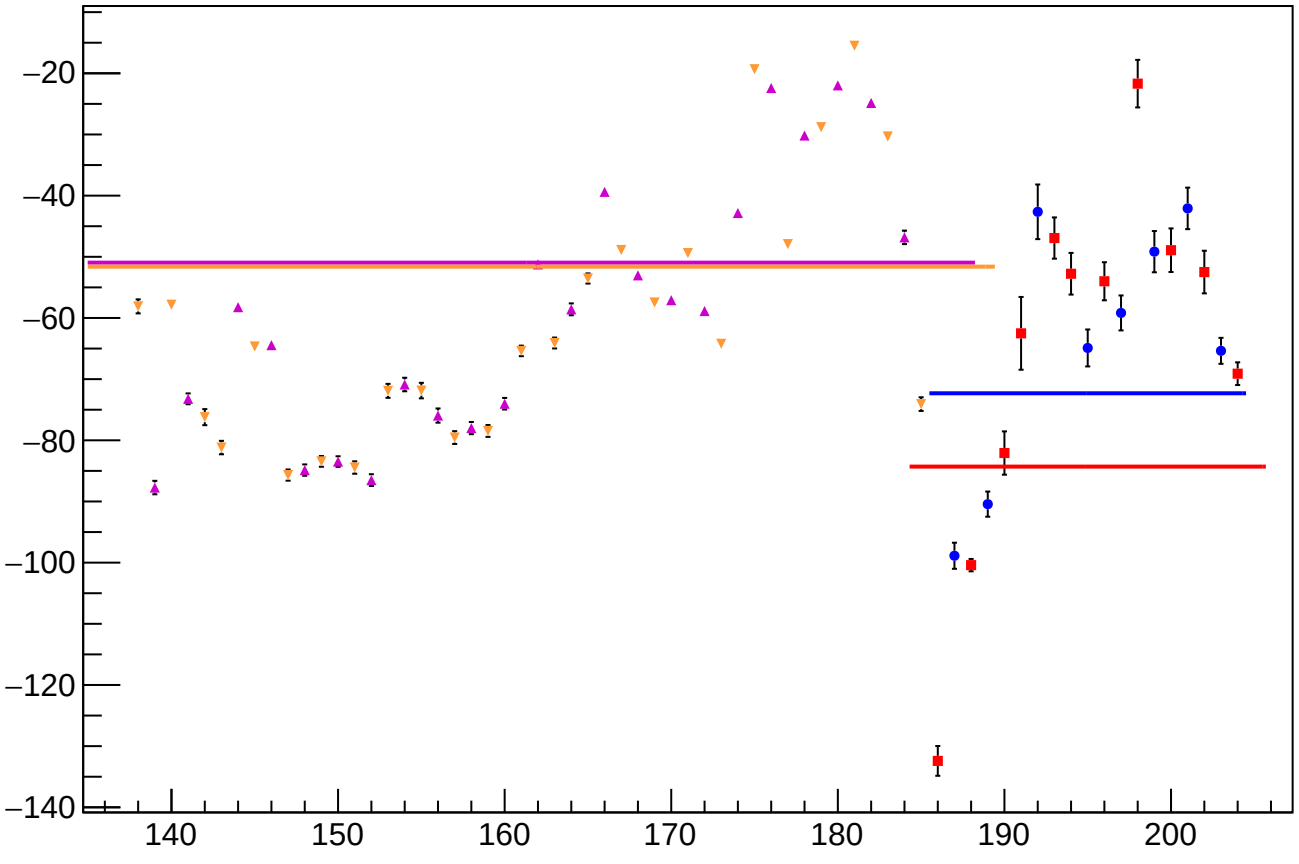
Right: 20.747+/-0.804 χ^2/NDF: 574.6/18

In: 3.428+/-0.126 χ^2/NDF:6653.2/30

Out: 3.345+/-0.124 χ^2/NDF:8716.1/35

All: 3.386+/-0.088 χ^2/NDF: 15369.5/66

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.312+/-0.939 χ^2/NDF: 440.9/7

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -84.298+/-0.698 χ^2/NDF: 1470.0/10

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

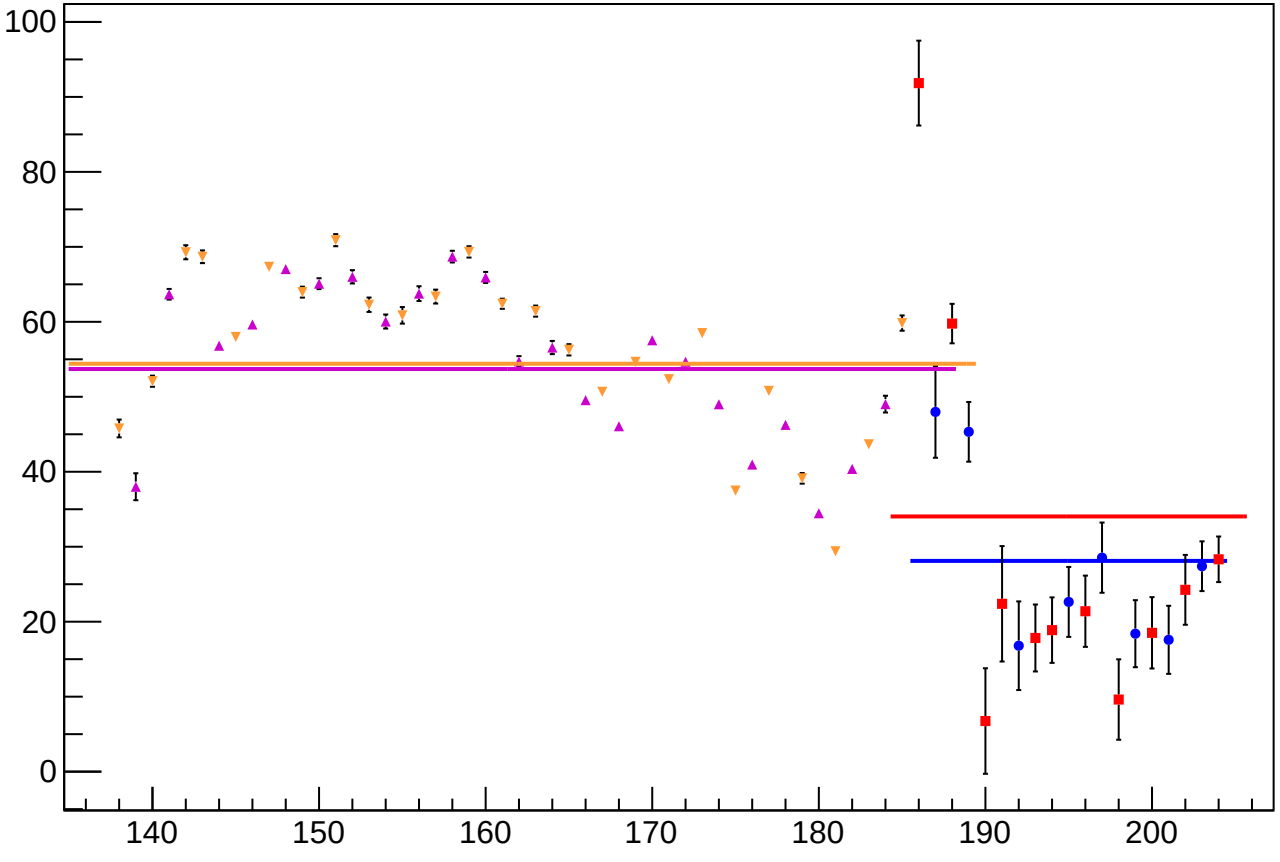
Right: -80.029+/-0.560 χ^2/NDF: 2015.8/18

In: -51.553+/-0.157 χ^2/NDF:18416.1/30

Out: -53.204+/-0.154 χ^2/NDF:22939.1/35

All: -52.394+/-0.110 χ^2/NDF: 41411.4/66

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.110+/-1.582 χ^2/NDF: 44.4/7

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 34.040+/-1.299 χ^2/NDF: 288.8/10

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

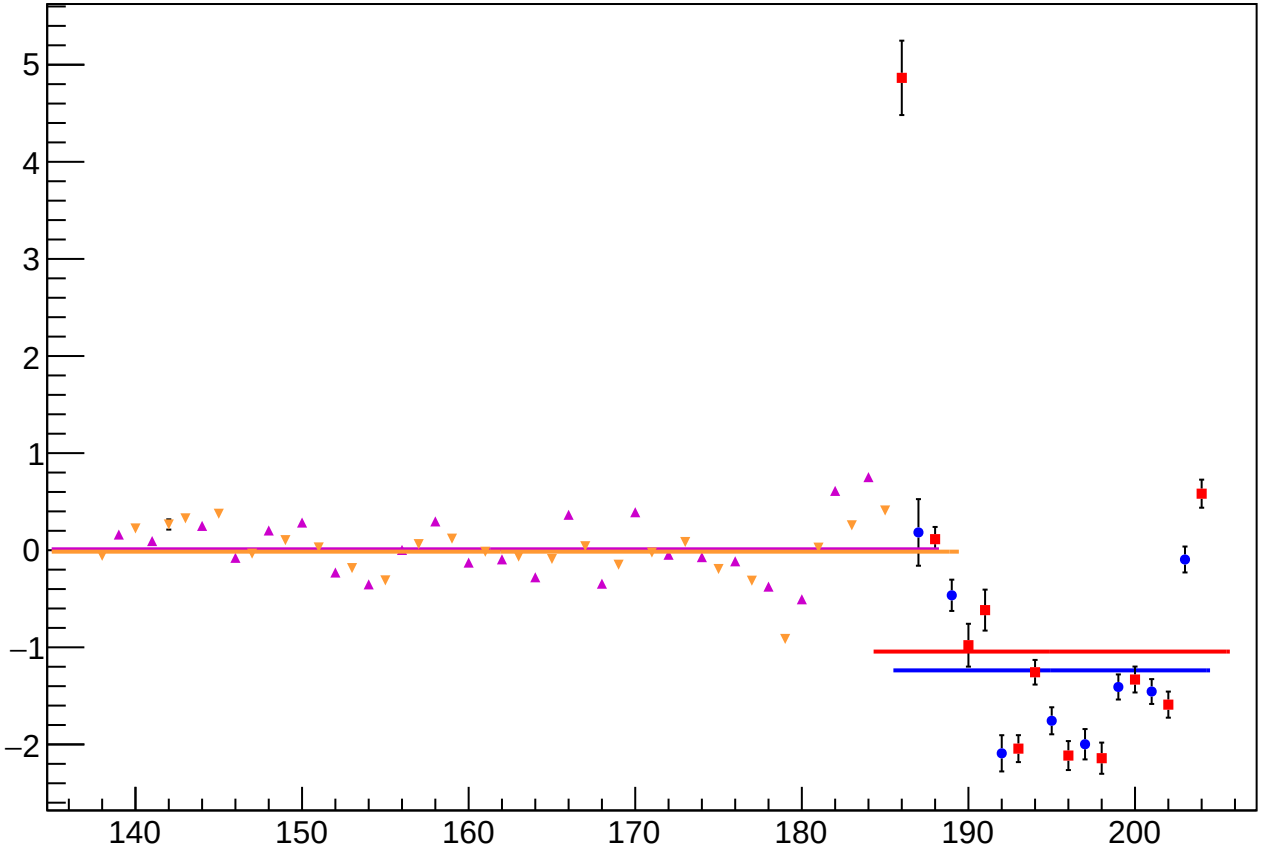
Right: 31.653+/-1.004 χ^2/NDF: 341.7/18

In: 53.497+/-0.142 χ^2/NDF:4907.4/30

Out: 54.171+/-0.140 χ^2/NDF:6732.3/35

All: 53.840+/-0.100 χ^2/NDF: 11651.1/66

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.237+/-0.054 χ^2/NDF: 176.6/7

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -1.044+/-0.046 χ^2/NDF: 627.6/10

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

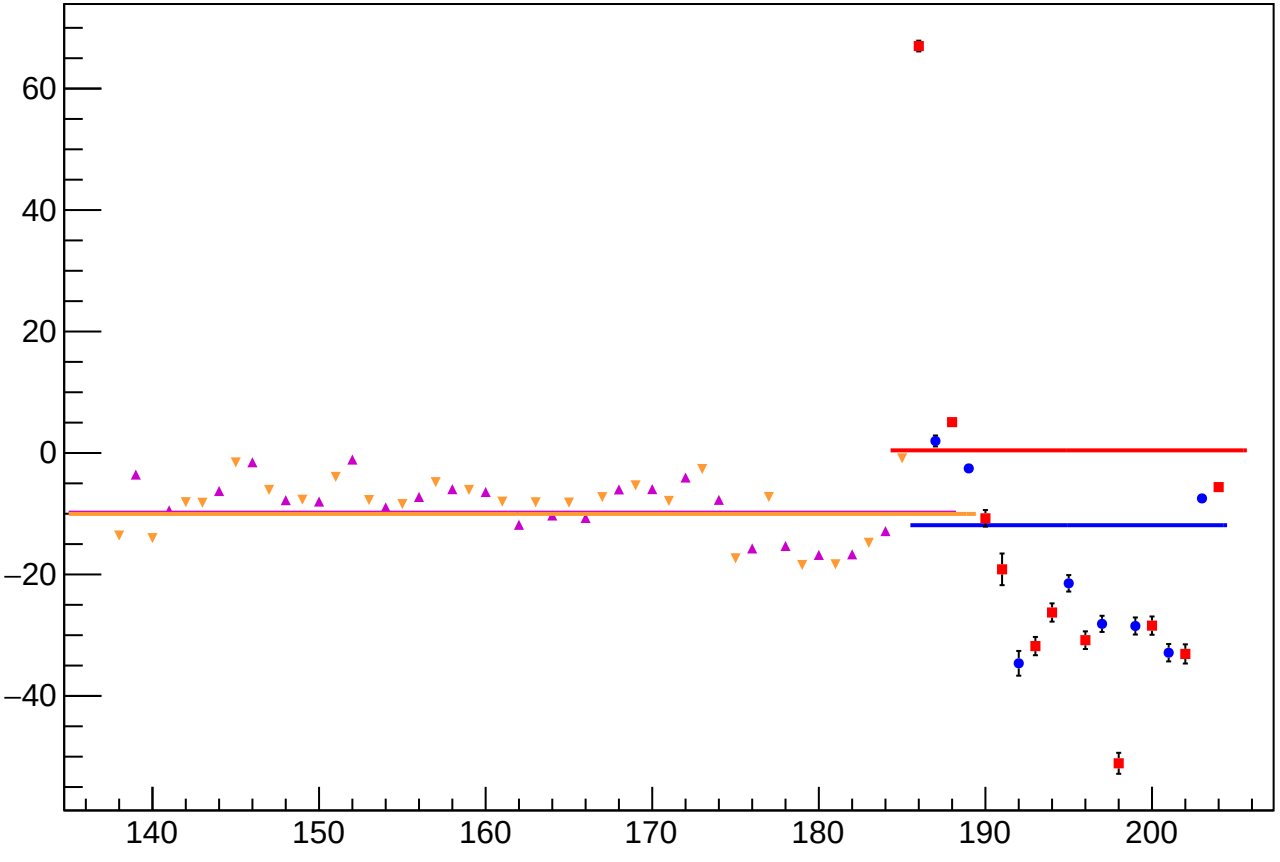
Right: -1.126+/-0.035 χ^2/NDF: 811.7/18

In: -0.009+/-0.006 χ^2/NDF:2934.8/30

Out: -0.034+/-0.006 χ^2/NDF:2761.8/35

All: -0.022+/-0.005 χ^2/NDF: 5704.6/66

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.891+/-0.383 χ^2/NDF: 1075.5/7

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 0.433+/-0.288 χ^2/NDF: 8929.1/10

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

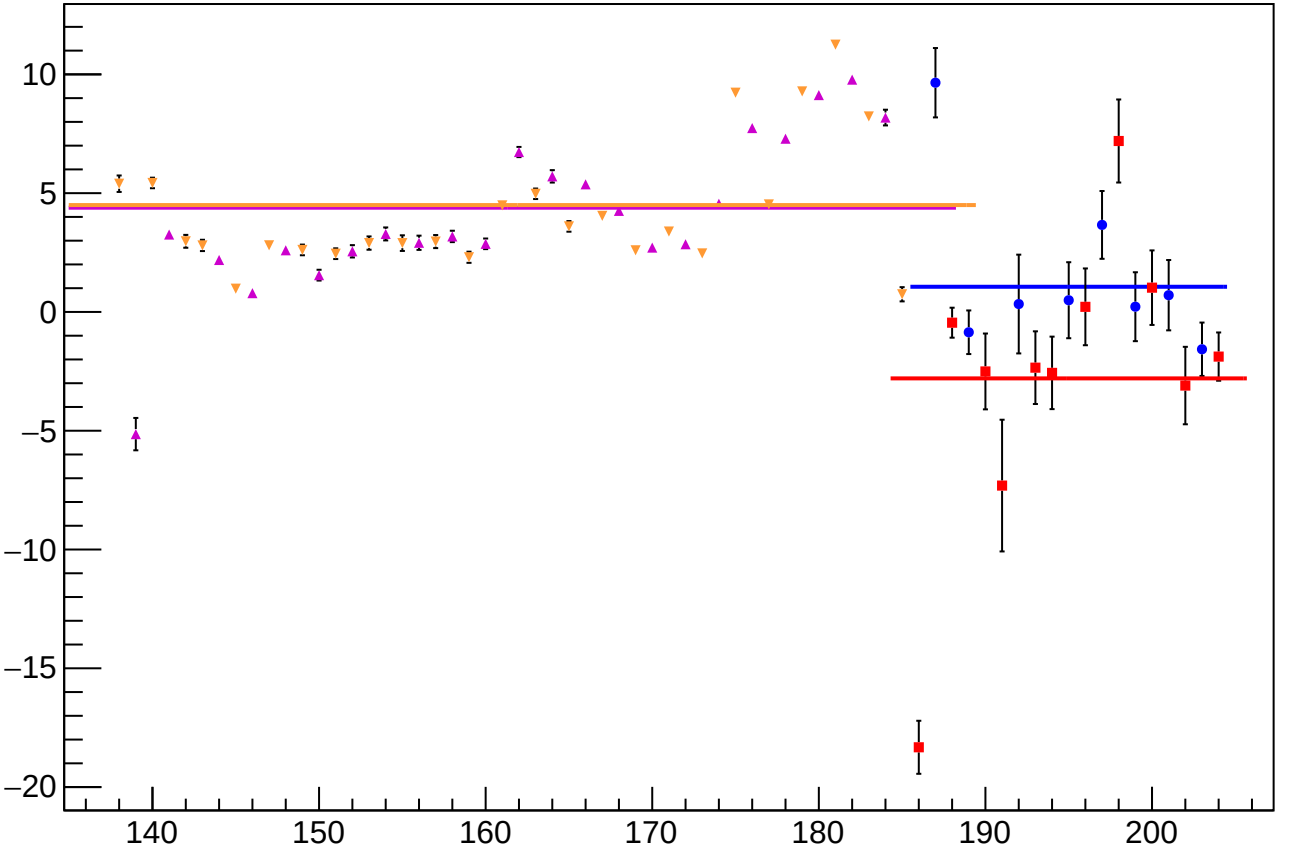
Right: -4.012+/-0.230 χ^2/NDF: 10664.8/18

In: -9.856+/-0.051 χ^2/NDF:10573.1/30

Out: -9.715+/-0.050 χ^2/NDF:22738.7/35

All: -9.784+/-0.036 χ^2/NDF: 33315.7/66

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.060+/-0.472 χ^2/NDF: 48.4/7

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -2.797+/-0.374 χ^2/NDF: 253.1/10

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

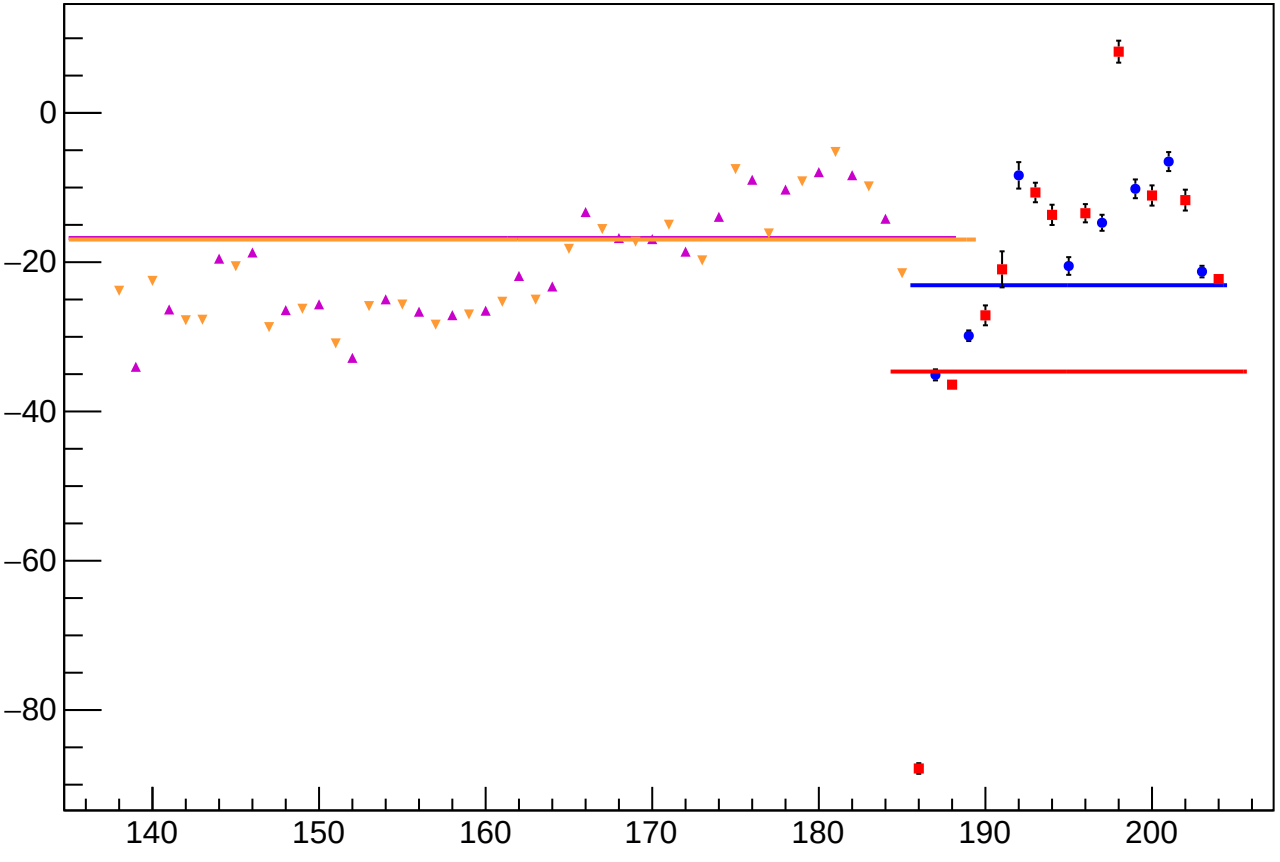
Right: -1.309+/-0.293 χ^2/NDF: 342.6/18

In: 4.363+/-0.041 χ^2/NDF:4364.2/30

Out: 4.413+/-0.041 χ^2/NDF:5438.9/35

All: 4.388+/-0.029 χ^2/NDF: 9803.9/66

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.090+/-0.341 χ^2/NDF: 768.1/7

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -34.654+/-0.250 χ^2/NDF: 8330.1/10

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

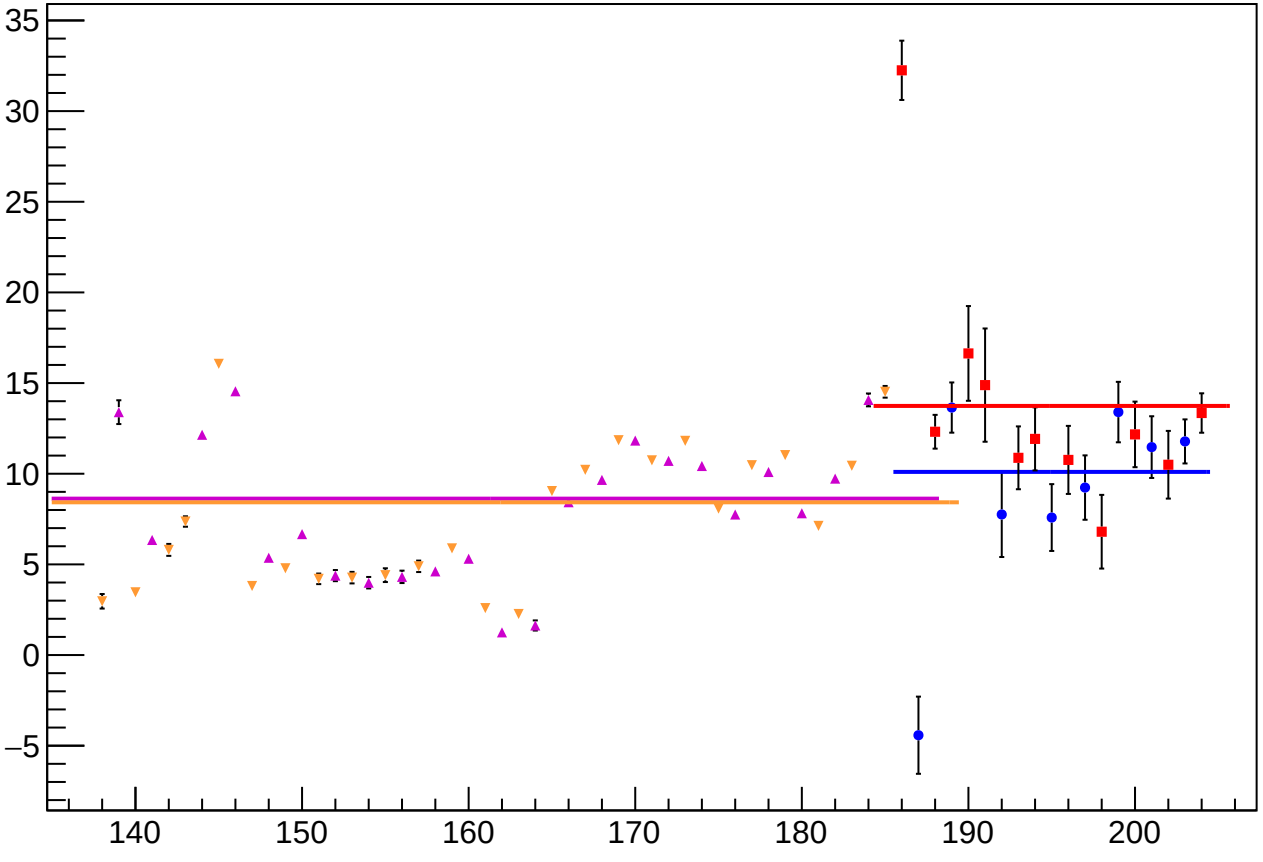
Right: -30.613+/-0.201 χ^2/NDF: 9847.8/18

In: -16.905+/-0.051 χ^2/NDF:20142.9/30

Out: -17.677+/-0.050 χ^2/NDF:35049.9/35

All: -17.296+/-0.036 χ^2/NDF: 55310.1/66

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.101+/-0.585 χ^2/NDF: 62.7/7

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 13.740+/-0.477 χ^2/NDF: 153.7/10

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

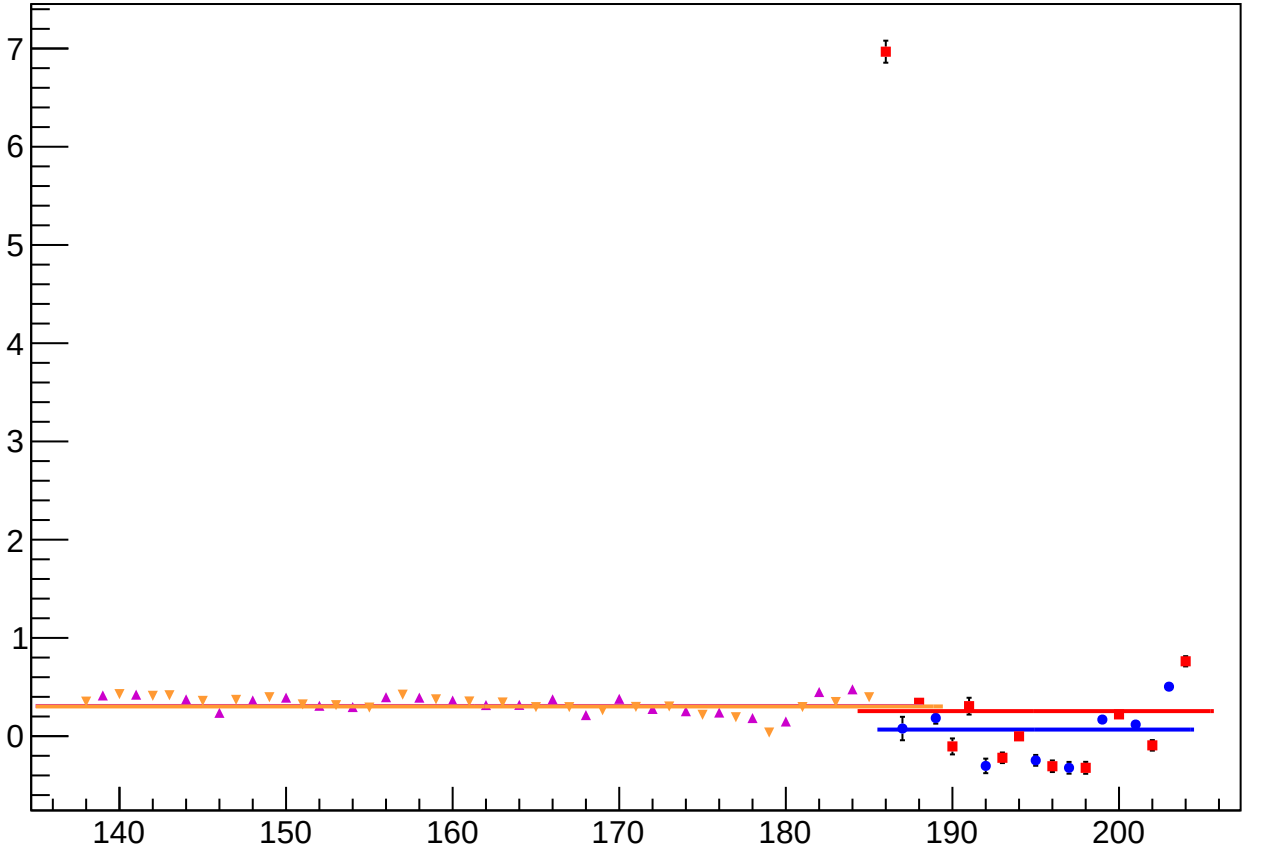
Right: 12.290+/-0.370 χ^2/NDF: 239.7/18

In: 8.635+/-0.046 χ^2/NDF:5600.9/30

Out: 8.472+/-0.045 χ^2/NDF:6755.7/35

All: 8.553+/-0.032 χ^2/NDF: 12362.9/66

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.020 χ^2/NDF: 186.6/7

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.255+/-0.018 χ^2/NDF: 4024.9/10

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

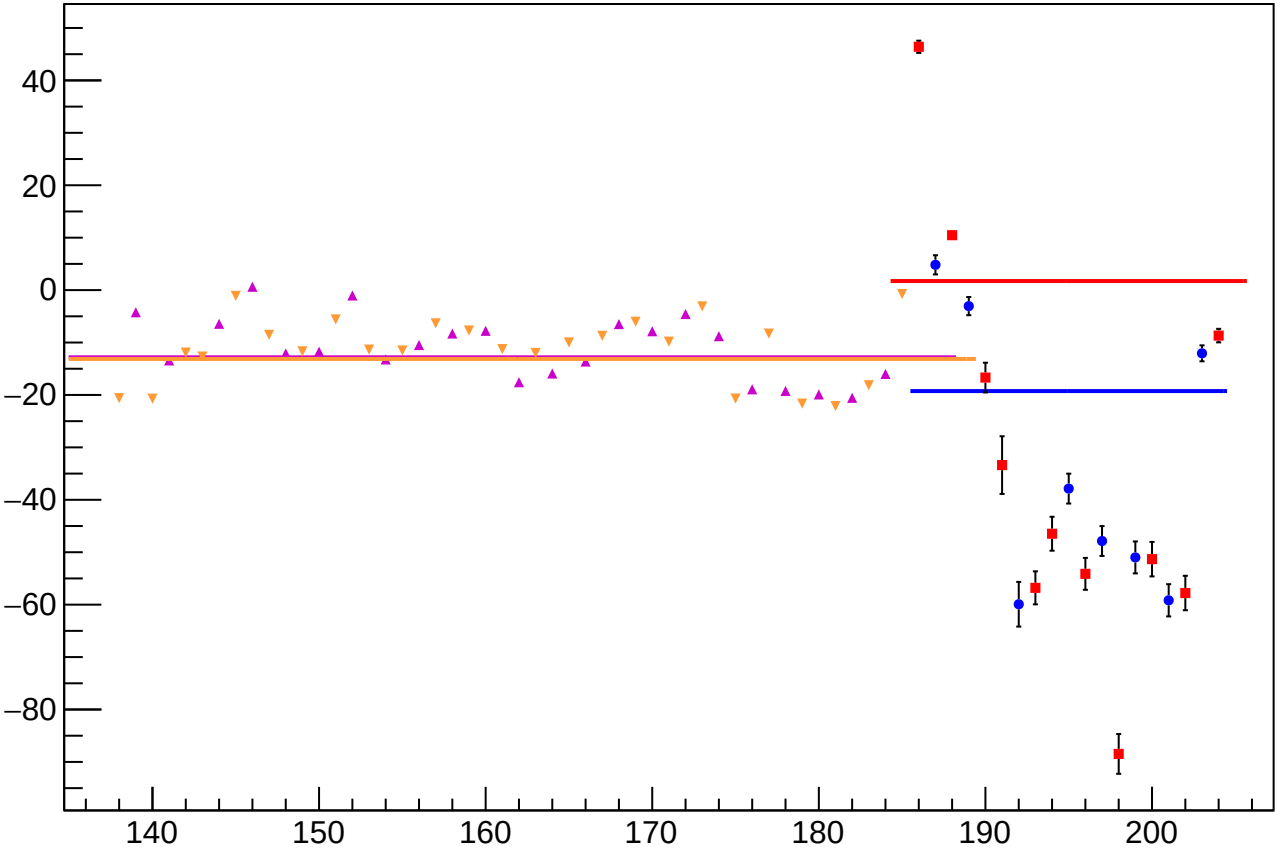
Right: 0.174+/-0.013 χ^2/NDF: 4260.7/18

In: 0.305+/-0.002 χ^2/NDF:2042.5/30

Out: 0.302+/-0.002 χ^2/NDF:5622.0/35

All: 0.303+/-0.001 χ^2/NDF: 7665.5/66

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.260+/-0.796 χ^2/NDF: 794.7/7

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 1.726+/-0.559 χ^2/NDF: 3760.3/10

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

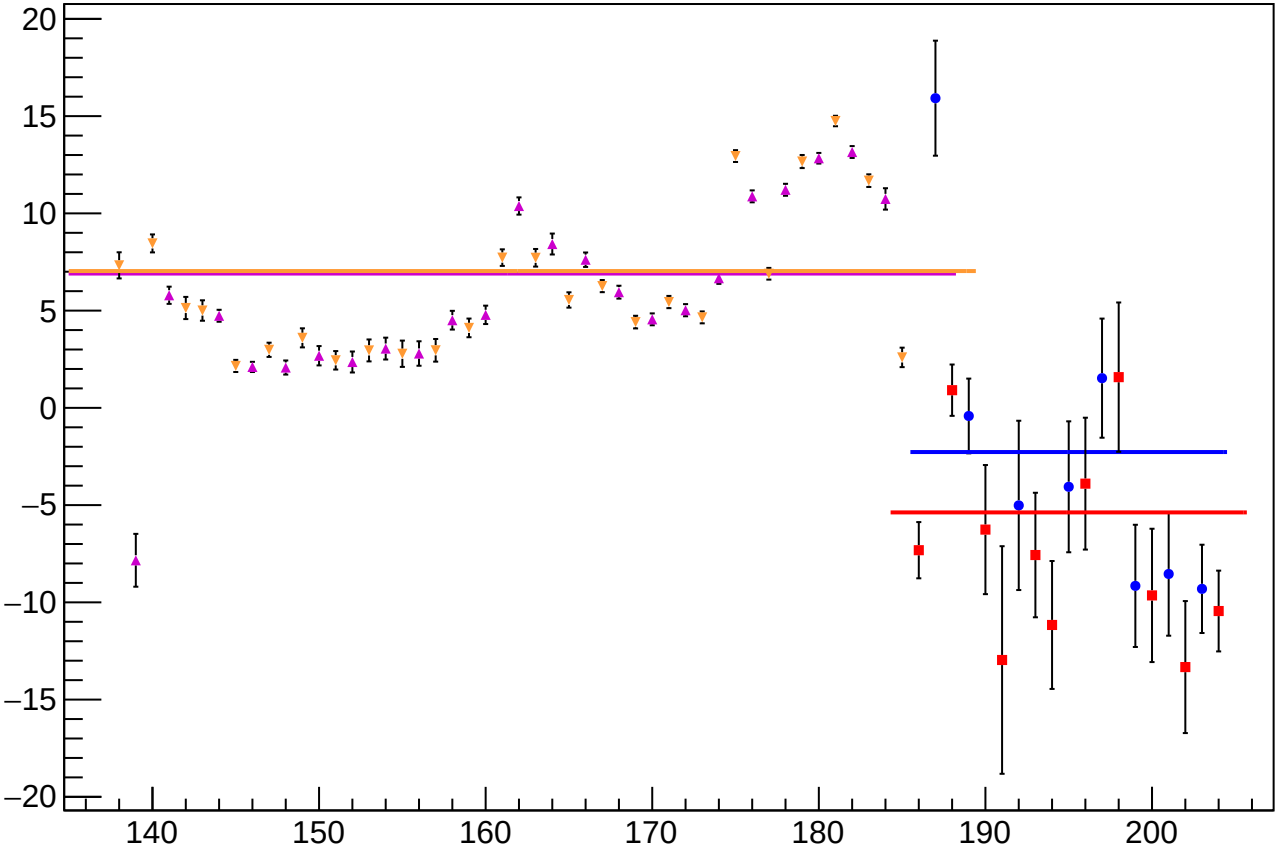
Right: -5.206+/-0.457 χ^2/NDF: 5020.8/18

In: -12.913+/-0.094 χ^2/NDF:5700.7/30

Out: -12.726+/-0.092 χ^2/NDF:10422.3/35

All: -12.818+/-0.066 χ^2/NDF: 16125.1/66

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.272+/-0.987 χ^2/NDF: 59.3/7

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -5.376+/-0.721 χ^2/NDF: 46.3/10

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

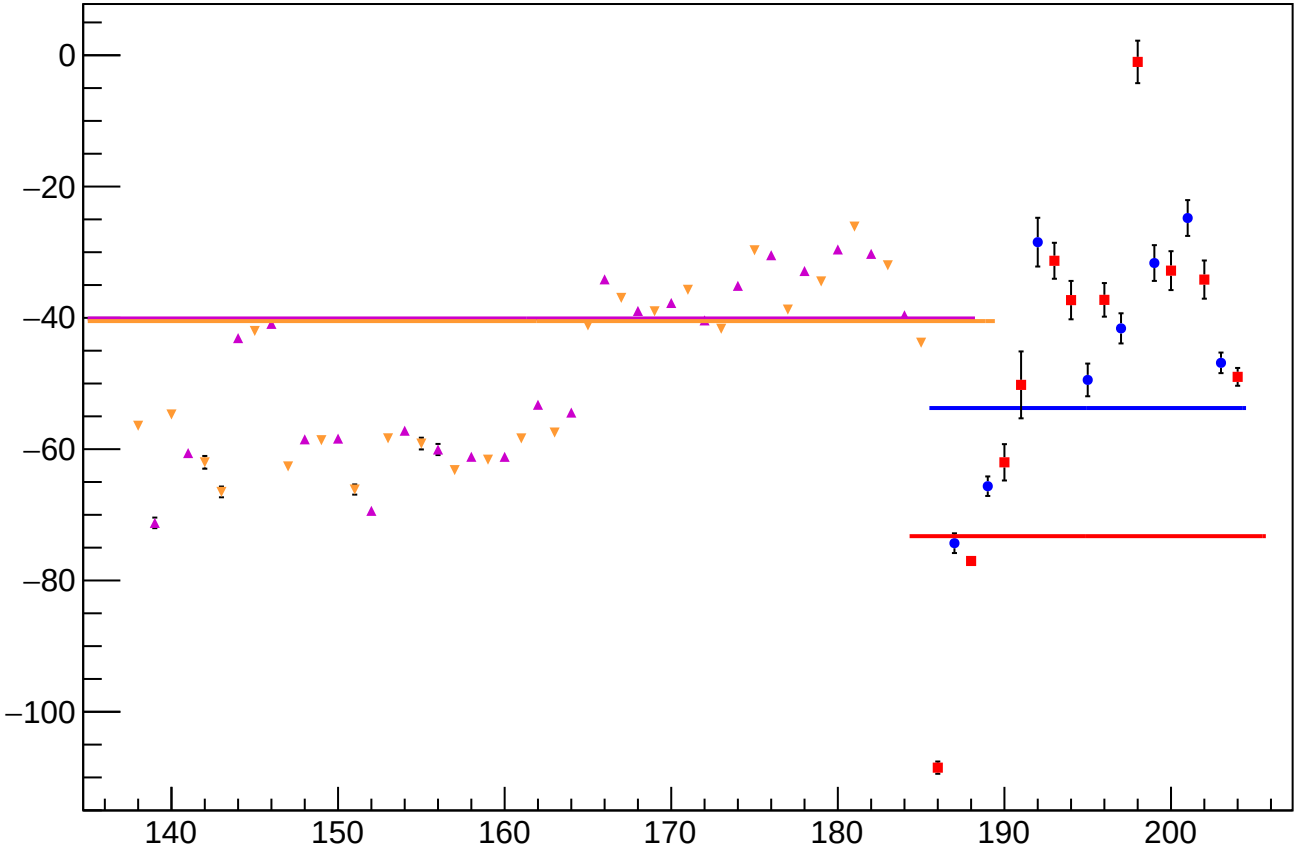
Right: -4.294+/-0.582 χ^2/NDF: 112.0/18

In: 6.850+/-0.077 χ^2/NDF:2588.2/30

Out: 6.893+/-0.077 χ^2/NDF:2996.3/35

All: 6.872+/-0.054 χ^2/NDF: 5584.6/66

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.735+/-0.708 χ^2/NDF: 526.5/7

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -73.250+/-0.479 χ^2/NDF: 3251.6/10

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

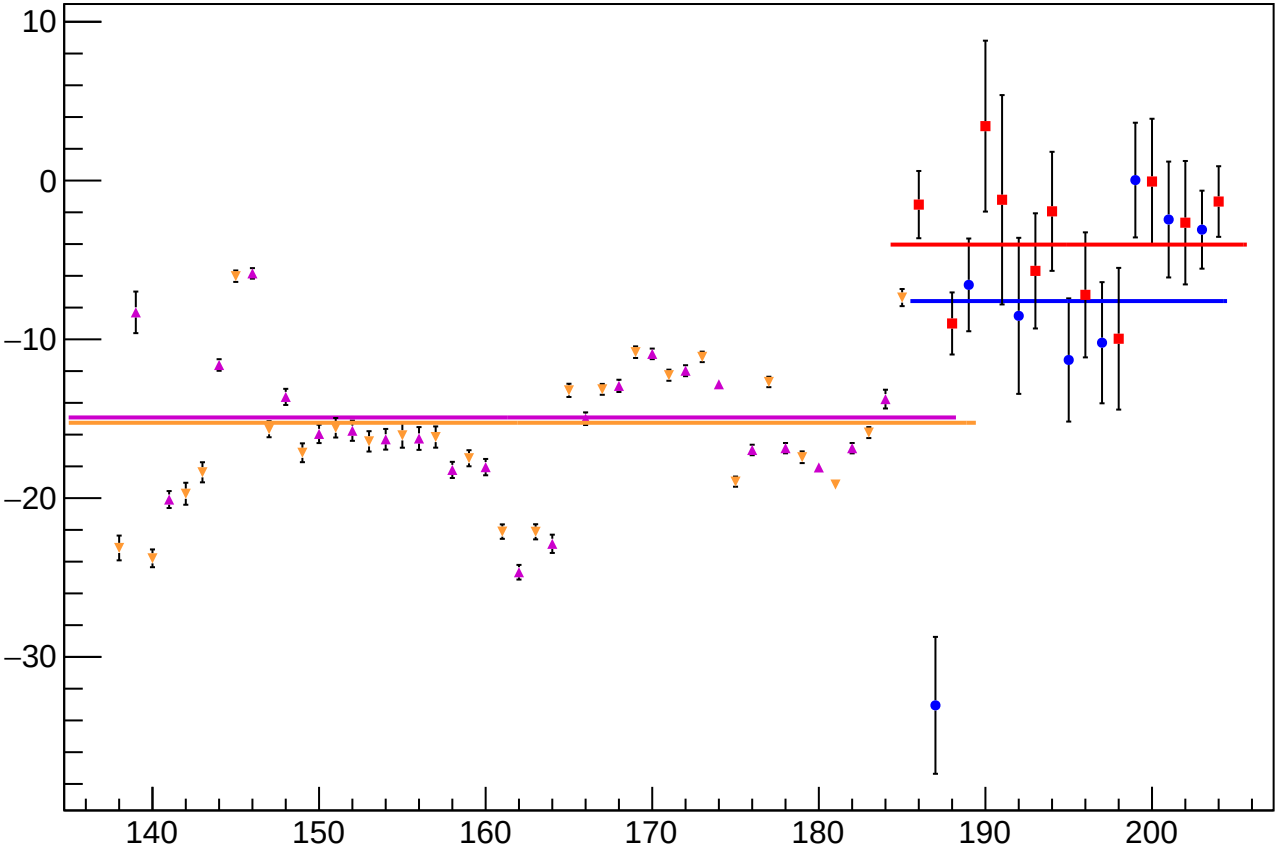
Right: -67.120+/-0.397 χ^2/NDF: 4299.3/18

In: -40.333+/-0.094 χ^2/NDF:14994.9/30

Out: -41.727+/-0.093 χ^2/NDF:23185.1/35

All: -41.041+/-0.066 χ^2/NDF: 38290.6/66

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.590+/-1.226 χ^2/NDF: 46.2/7

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.033+/-0.938 χ^2/NDF: 15.5/10

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

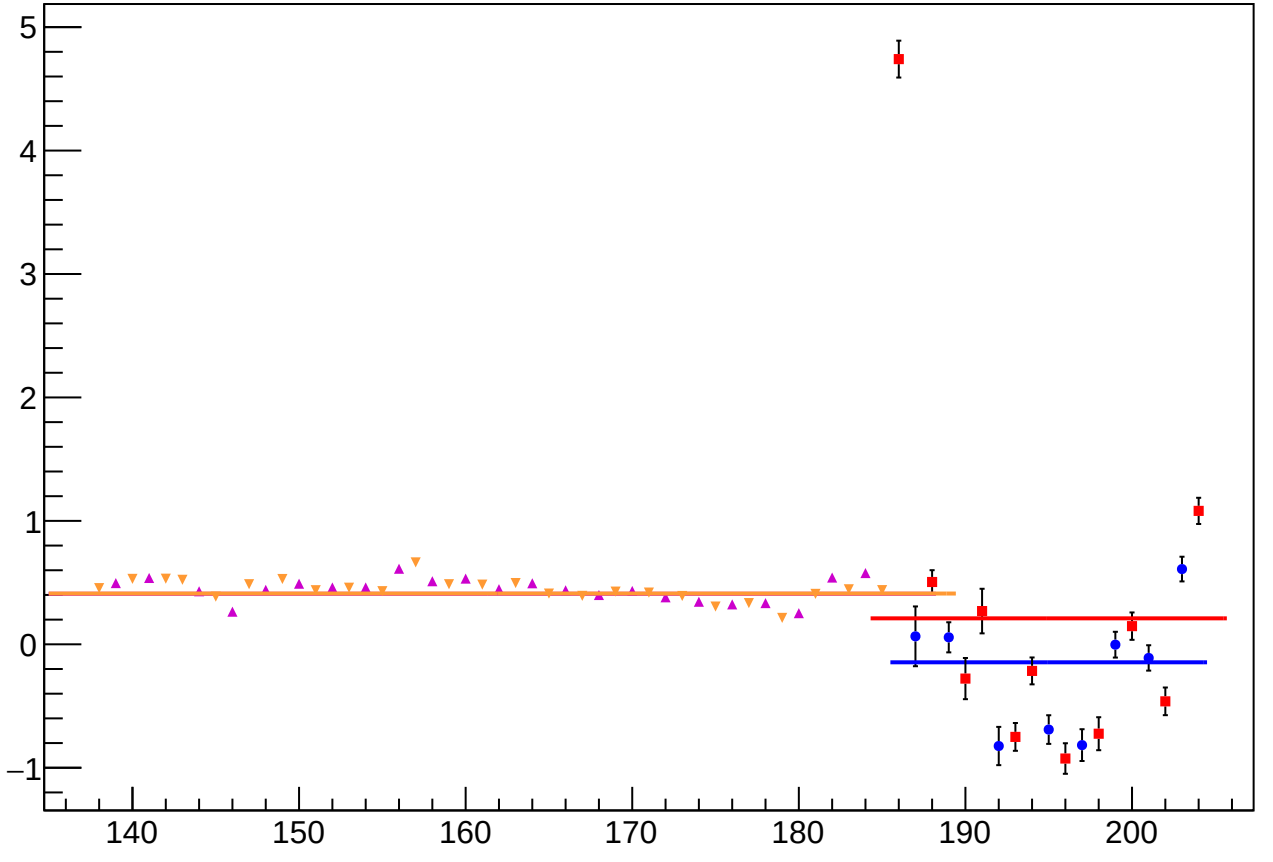
Right: -5.346+/-0.745 χ^2/NDF: 67.0/18

In: -14.883+/-0.086 χ^2/NDF:2289.5/30

Out: -15.161+/-0.086 χ^2/NDF:2751.8/35

All: -15.023+/-0.061 χ^2/NDF: 5046.6/66

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.146+/-0.043 χ^2/NDF: 130.9/7

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.210+/-0.036 χ^2/NDF: 1262.9/10

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

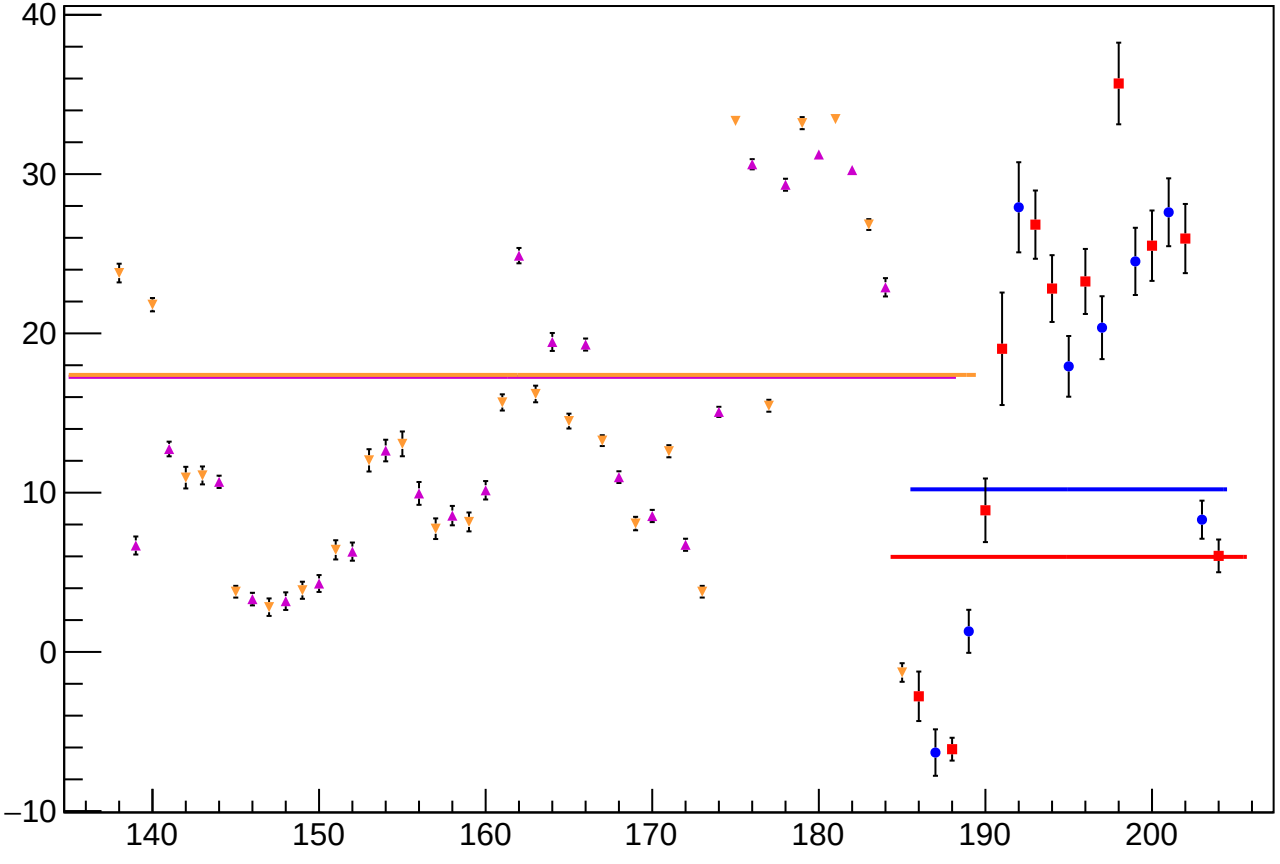
Right: 0.061+/-0.028 χ^2/NDF: 1434.1/18

In: 0.405+/-0.004 χ^2/NDF:859.9/30

Out: 0.409+/-0.004 χ^2/NDF:1721.8/35

All: 0.407+/-0.003 χ^2/NDF: 2582.4/66

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.209+/-0.596 χ^2/NDF: 369.1/7

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 5.968+/-0.452 χ^2/NDF: 859.7/10

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

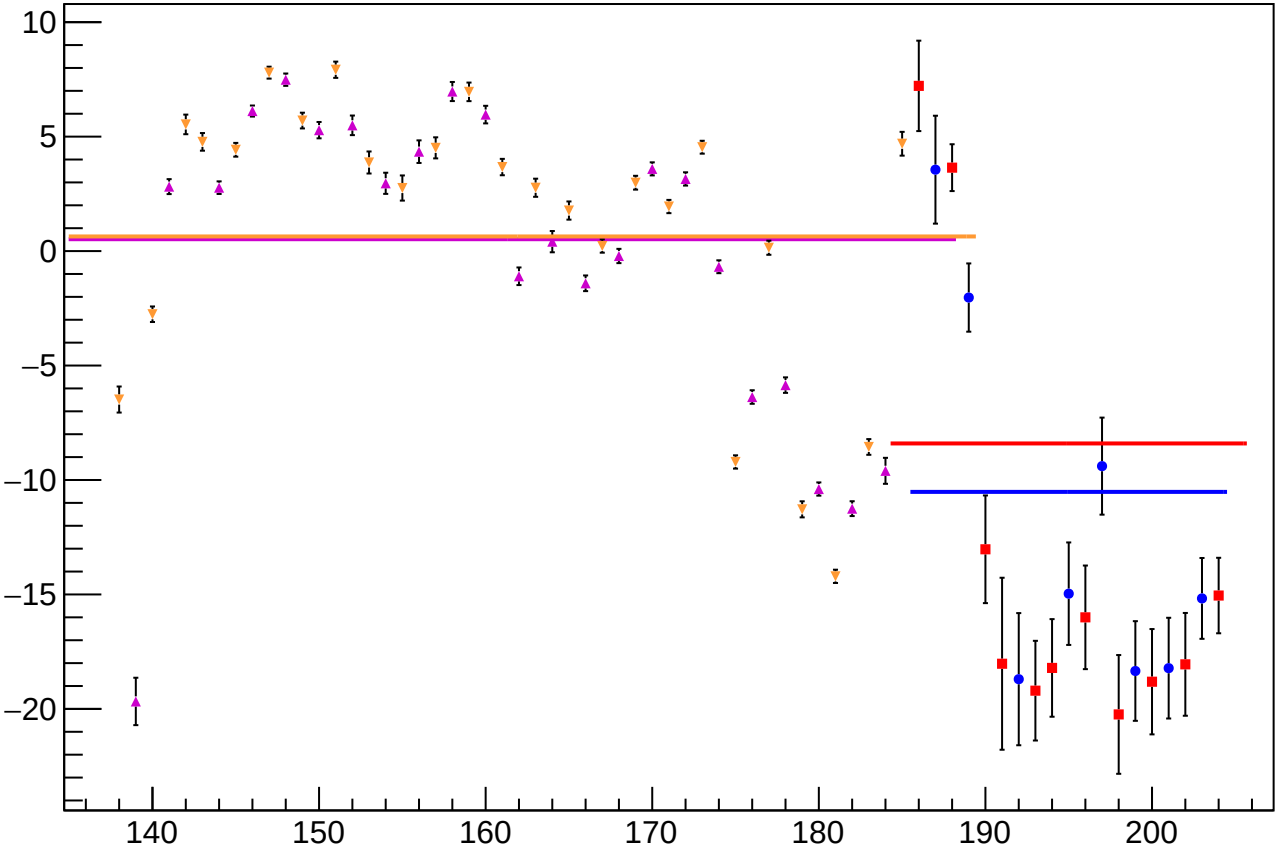
Right: 7.519+/-0.360 χ^2/NDF: 1261.0/18

In: 17.118+/-0.088 χ^2/NDF:13398.8/30

Out: 16.983+/-0.086 χ^2/NDF:17781.1/35

All: 17.049+/-0.061 χ^2/NDF: 31181.2/66

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.519+/-0.723 χ^2/NDF: 112.5/7

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -8.403+/-0.578 χ^2/NDF: 344.7/10

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

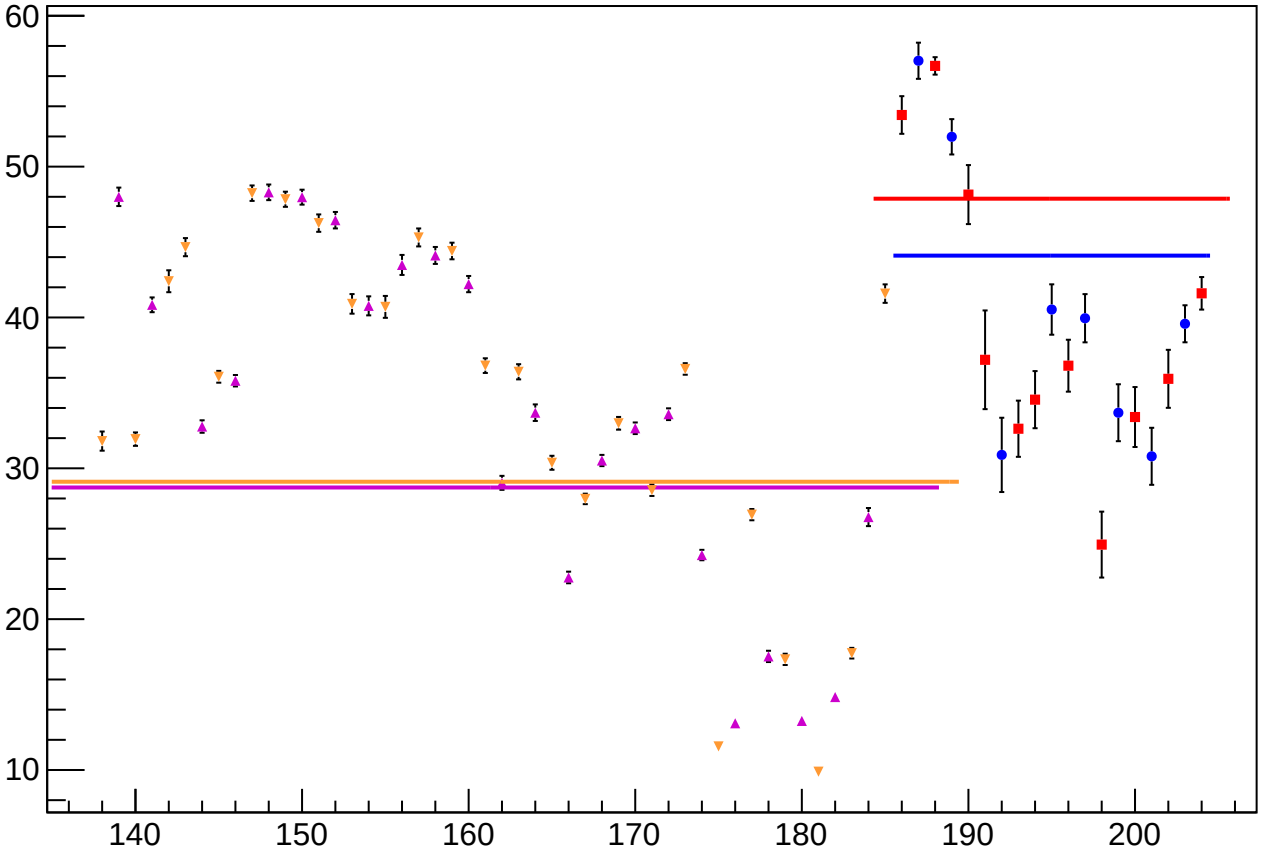
Right: -9.228+/-0.452 χ^2/NDF: 462.4/18

In: 0.415+/-0.070 χ^2/NDF:7119.8/30

Out: 0.510+/-0.069 χ^2/NDF:9100.9/35

All: 0.464+/-0.049 χ^2/NDF: 16221.7/66

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.100+/-0.530 χ^2/NDF: 295.0/7

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 47.874+/-0.393 χ^2/NDF: 655.4/10

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

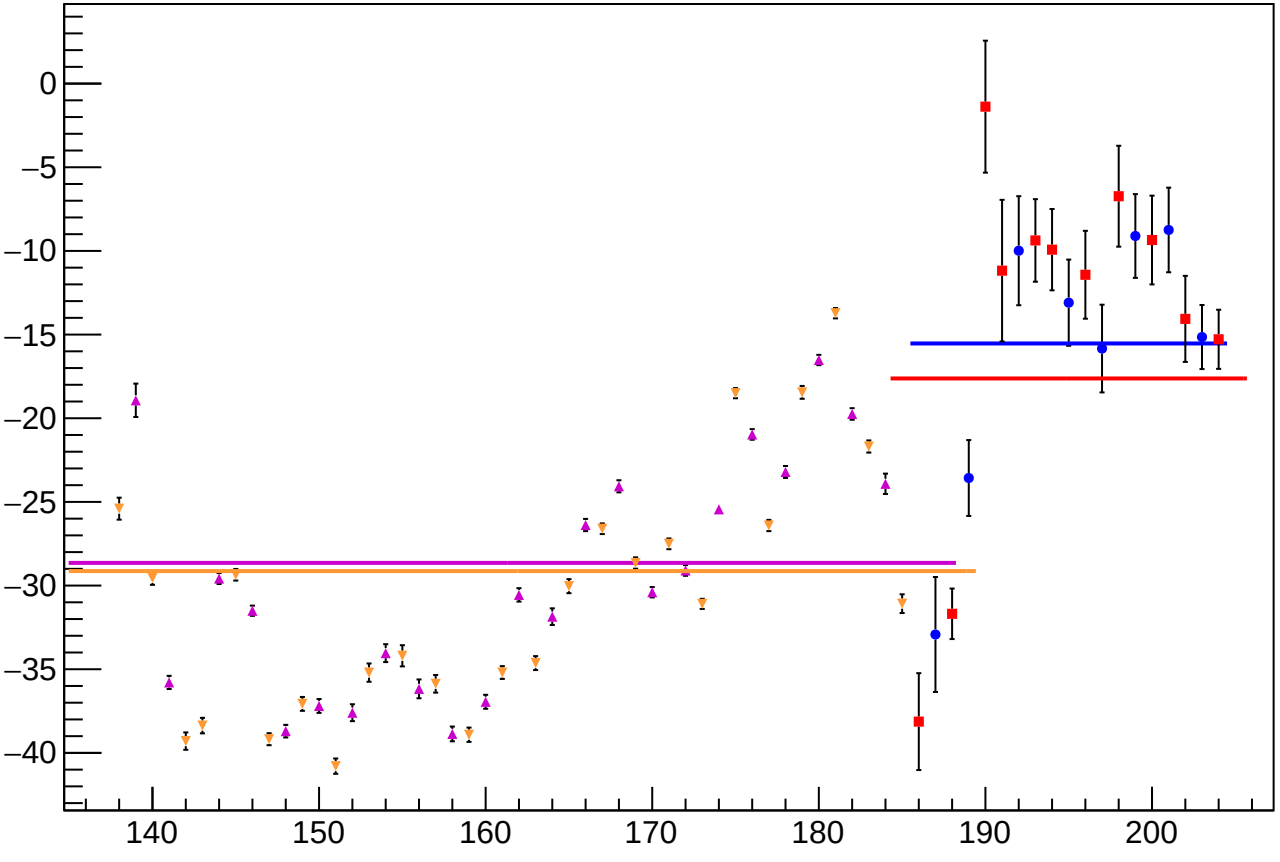
Right: 46.535+/-0.316 χ^2/NDF: 983.1/18

In: 29.148+/-0.088 χ^2/NDF:18151.4/30

Out: 30.005+/-0.086 χ^2/NDF:21674.4/35

All: 29.585+/-0.061 χ^2/NDF: 39874.7/66

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.531+/-0.891 χ^2/NDF: 55.8/7

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -17.622+/-0.729 χ^2/NDF: 209.6/10

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

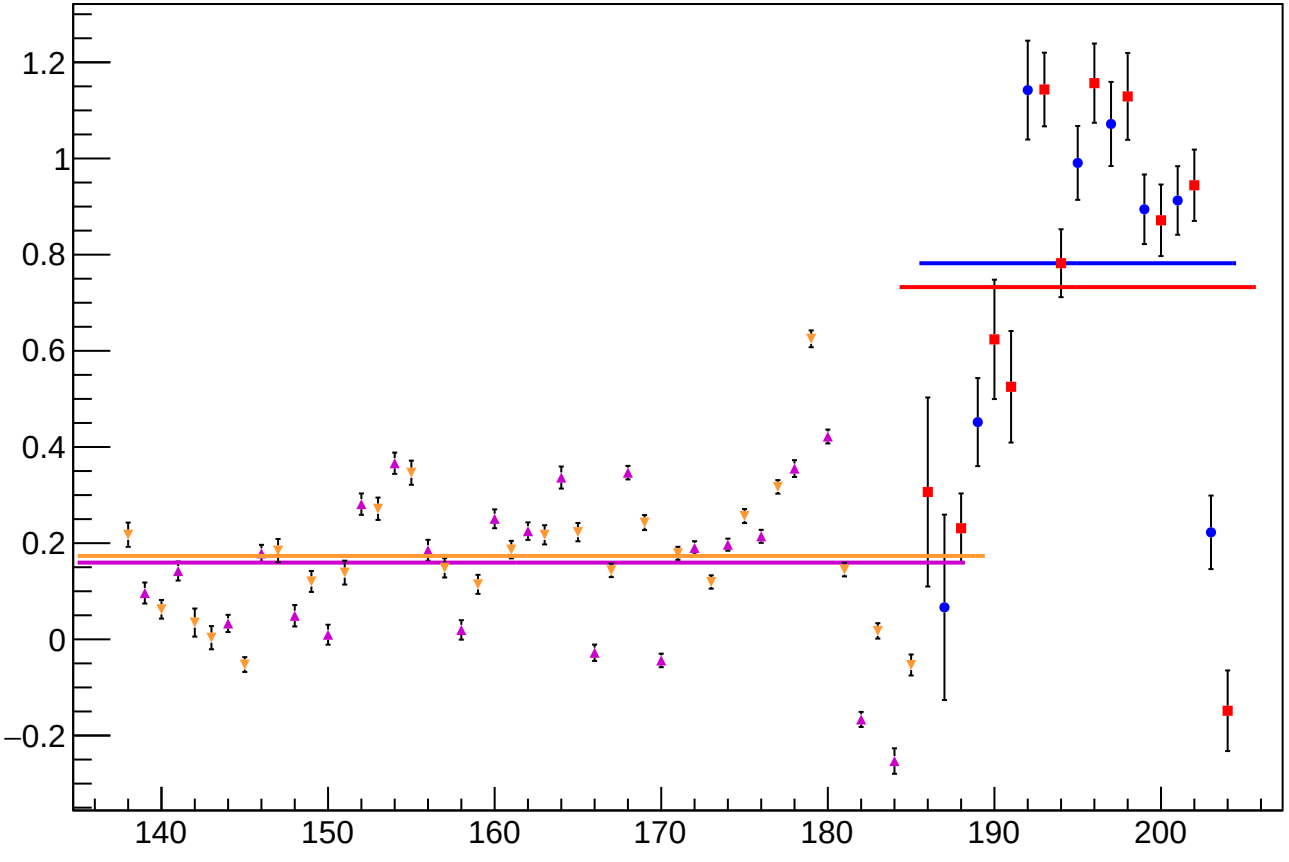
Right: -16.784+/-0.564 χ^2/NDF: 268.7/18

In: -28.541+/-0.079 χ^2/NDF:6964.0/30

Out: -29.002+/-0.078 χ^2/NDF:9454.0/35

All: -28.776+/-0.056 χ^2/NDF: 16435.3/66

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.782+/-0.030 χ^2/NDF: 116.8/7

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.733+/-0.026 χ^2/NDF: 253.9/10

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

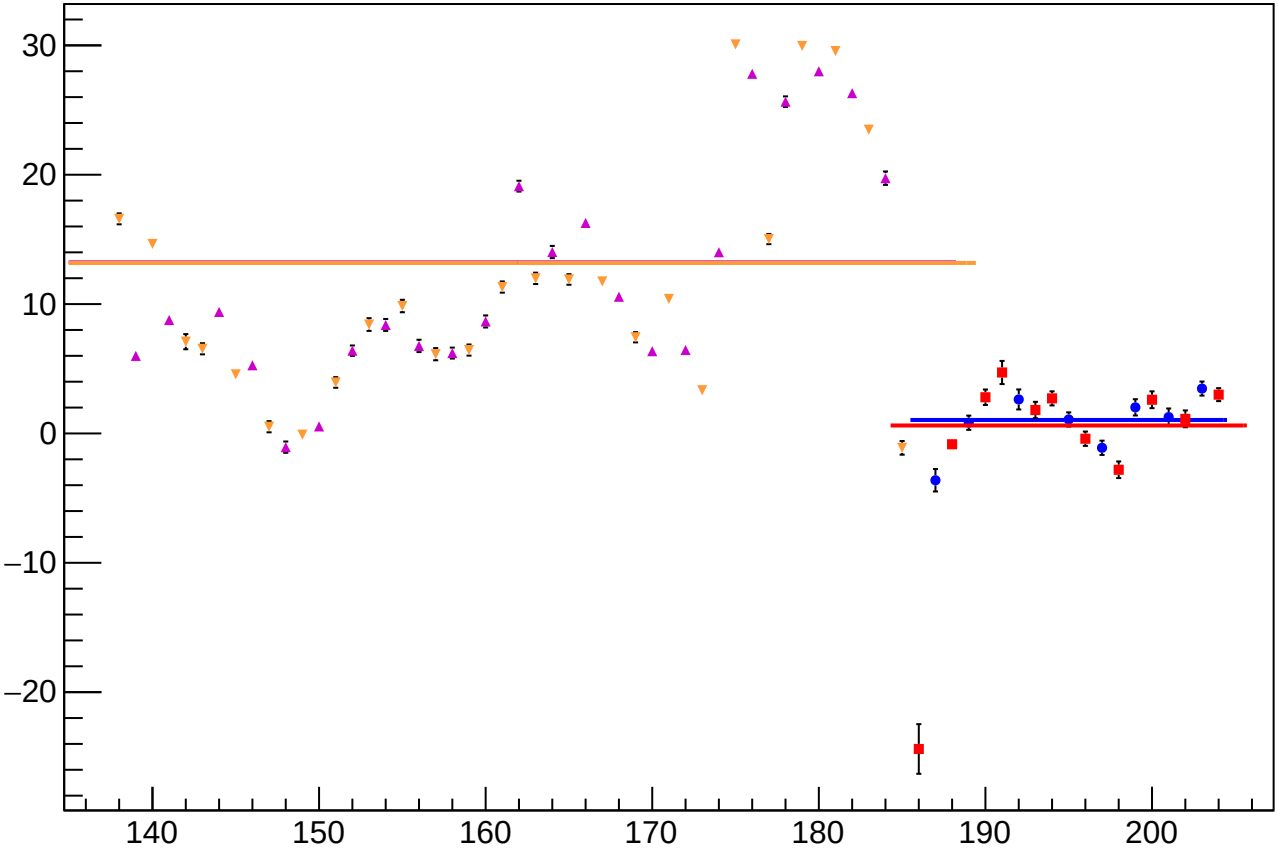
Right: 0.753+/-0.020 χ^2/NDF: 372.2/18

In: 0.169+/-0.004 χ^2/NDF:2600.8/30

Out: 0.184+/-0.004 χ^2/NDF:2183.1/35

All: 0.176+/-0.003 χ^2/NDF: 4793.4/66

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.043+/-0.218 χ^2/NDF: 70.9/7

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.616+/-0.164 χ^2/NDF: 313.3/10

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

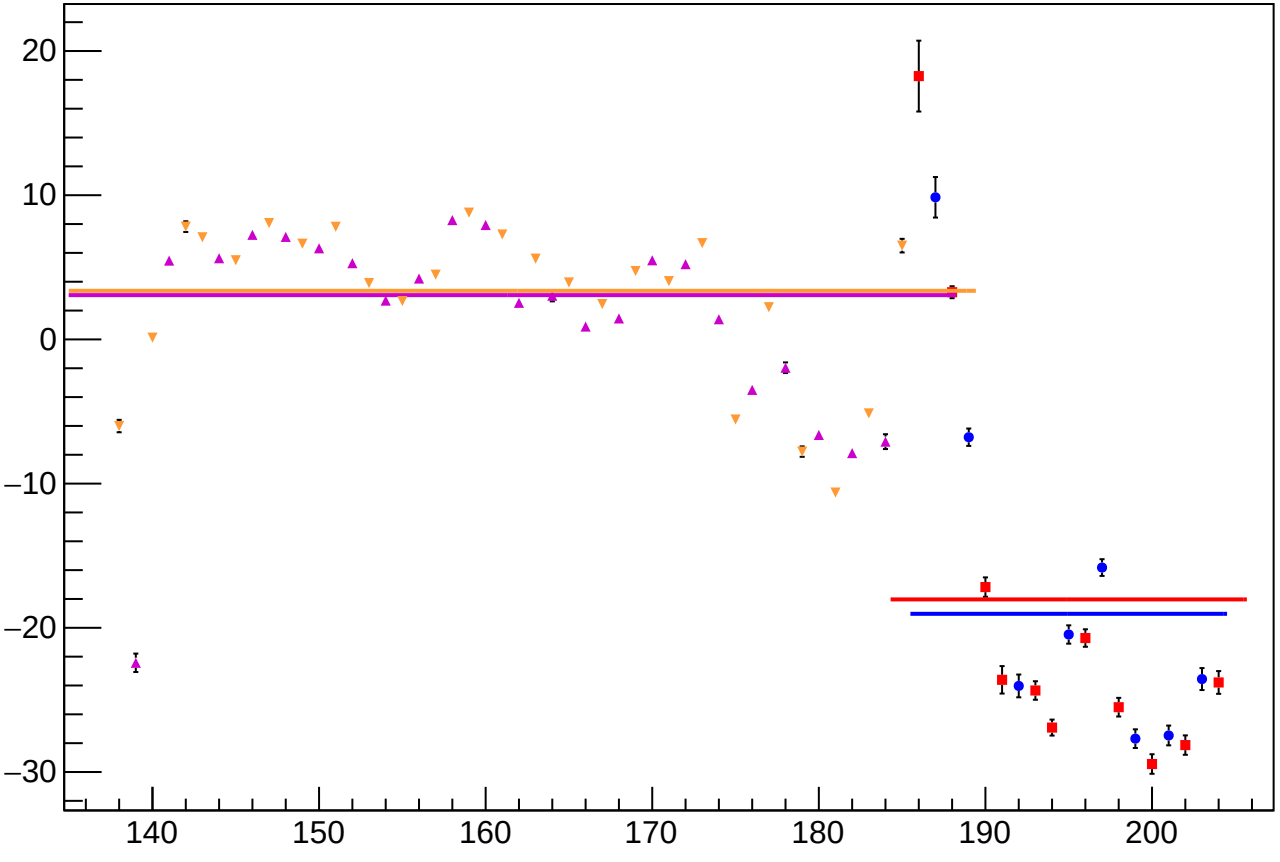
Right: 0.770+/-0.131 χ^2/NDF: 386.6/18

In: 11.886+/-0.072 χ^2/NDF:16981.1/30

Out: 10.991+/-0.069 χ^2/NDF:22194.9/35

All: 11.415+/-0.050 χ^2/NDF: 39256.8/66

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.029+/-0.246 χ^2/NDF: 1276.4/7

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -18.031+/-0.196 χ^2/NDF: 3965.8/10

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

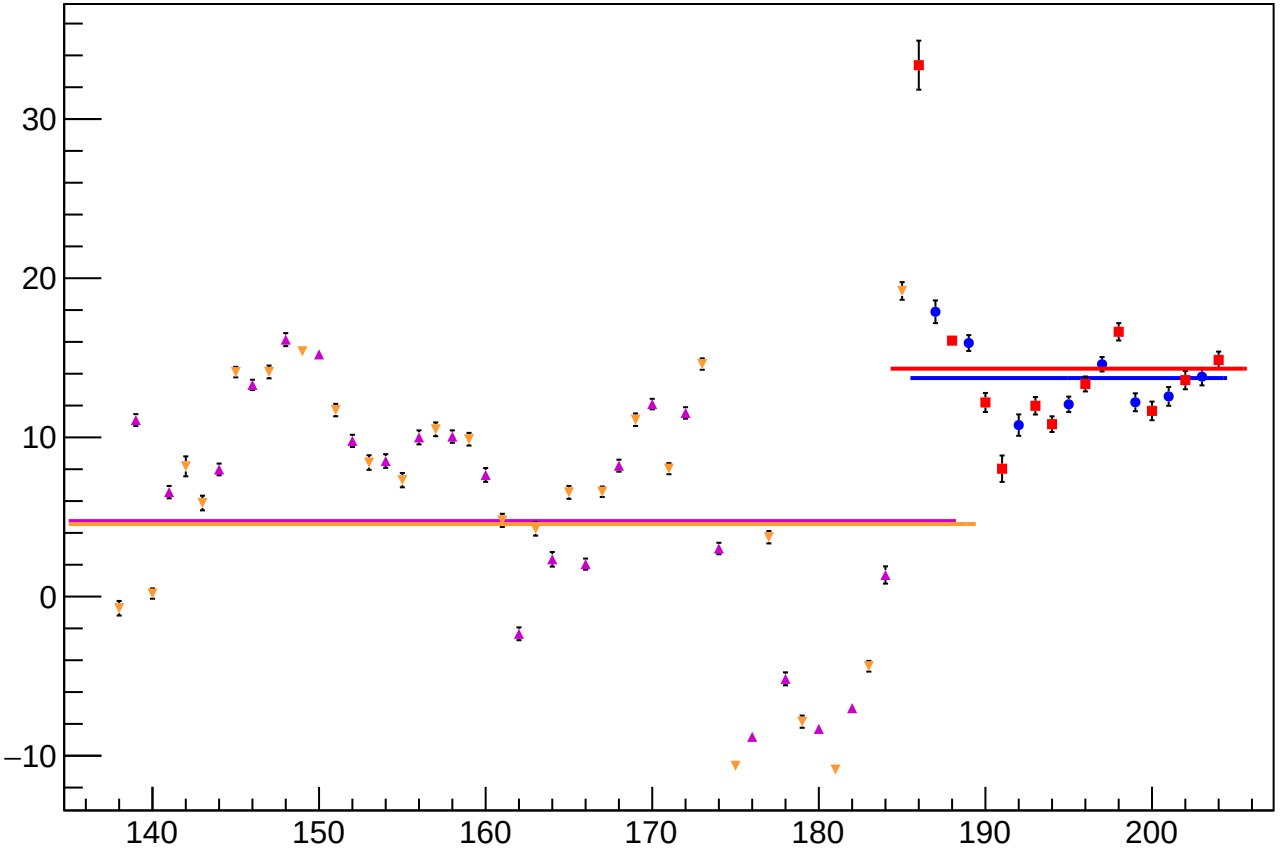
Right: -18.418+/-0.153 χ^2/NDF: 5252.4/18

In: 1.813+/-0.059 χ^2/NDF:16166.8/30

Out: 1.615+/-0.056 χ^2/NDF:22990.8/35

All: 1.710+/-0.041 χ^2/NDF: 39163.5/66

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.727+/-0.194 χ^2/NDF: 99.4/7

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.318+/-0.143 χ^2/NDF: 396.5/10

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

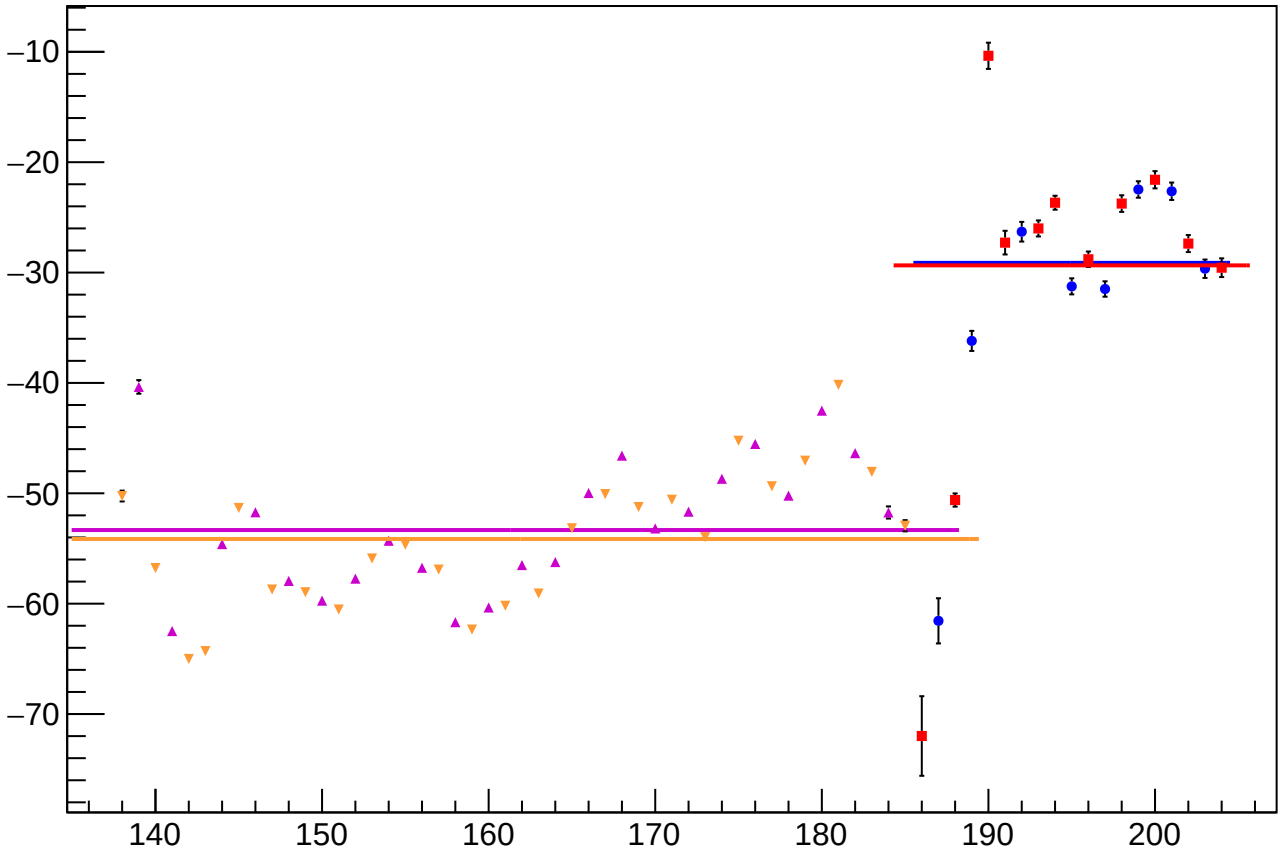
Right: 14.109+/-0.115 χ^2/NDF: 501.9/18

In: 5.953+/-0.071 χ^2/NDF:13383.1/30

Out: 6.681+/-0.067 χ^2/NDF:17618.0/35

All: 6.339+/-0.049 χ^2/NDF: 31056.7/66

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -29.121+/-0.295 χ^2/NDF: 489.5/7

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -29.349+/-0.240 χ^2/NDF: 1921.9/10

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

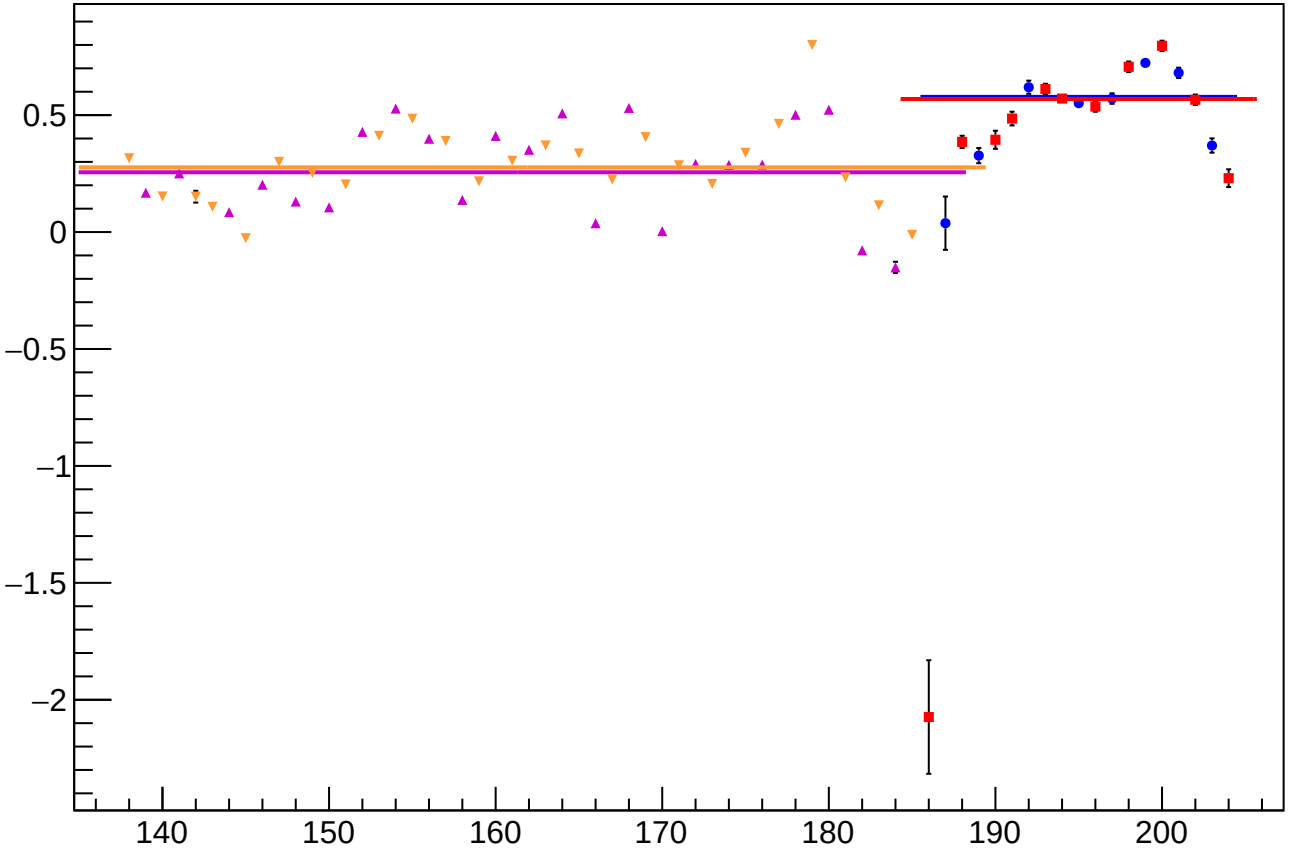
Right: -29.258+/-0.186 χ^2/NDF: 2411.7/18

In: -52.099+/-0.067 χ^2/NDF:13826.9/30

Out: -52.370+/-0.064 χ^2/NDF:20121.2/35

All: -52.240+/-0.046 χ^2/NDF: 33956.7/66

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.578+/-0.009 χ^2/NDF: 198.9/7

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.569+/-0.008 χ^2/NDF: 425.4/10

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

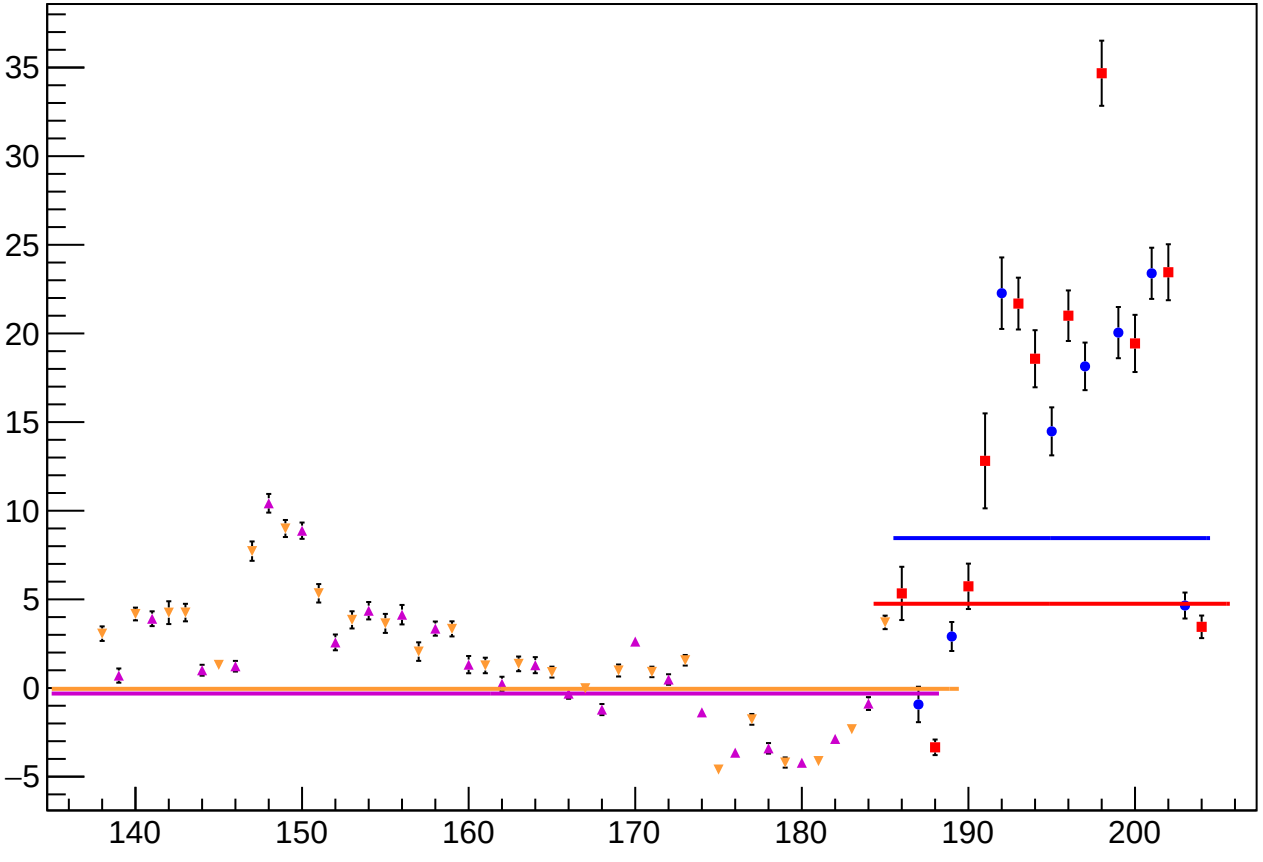
Right: 0.573+/-0.006 χ^2/NDF: 624.8/18

In: 0.288+/-0.003 χ^2/NDF:4936.1/30

Out: 0.317+/-0.003 χ^2/NDF:4286.8/35

All: 0.303+/-0.002 χ^2/NDF: 9273.1/66

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.456+/-0.387 χ^2/NDF: 451.3/7

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 4.752+/-0.298 χ^2/NDF: 1180.5/10

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

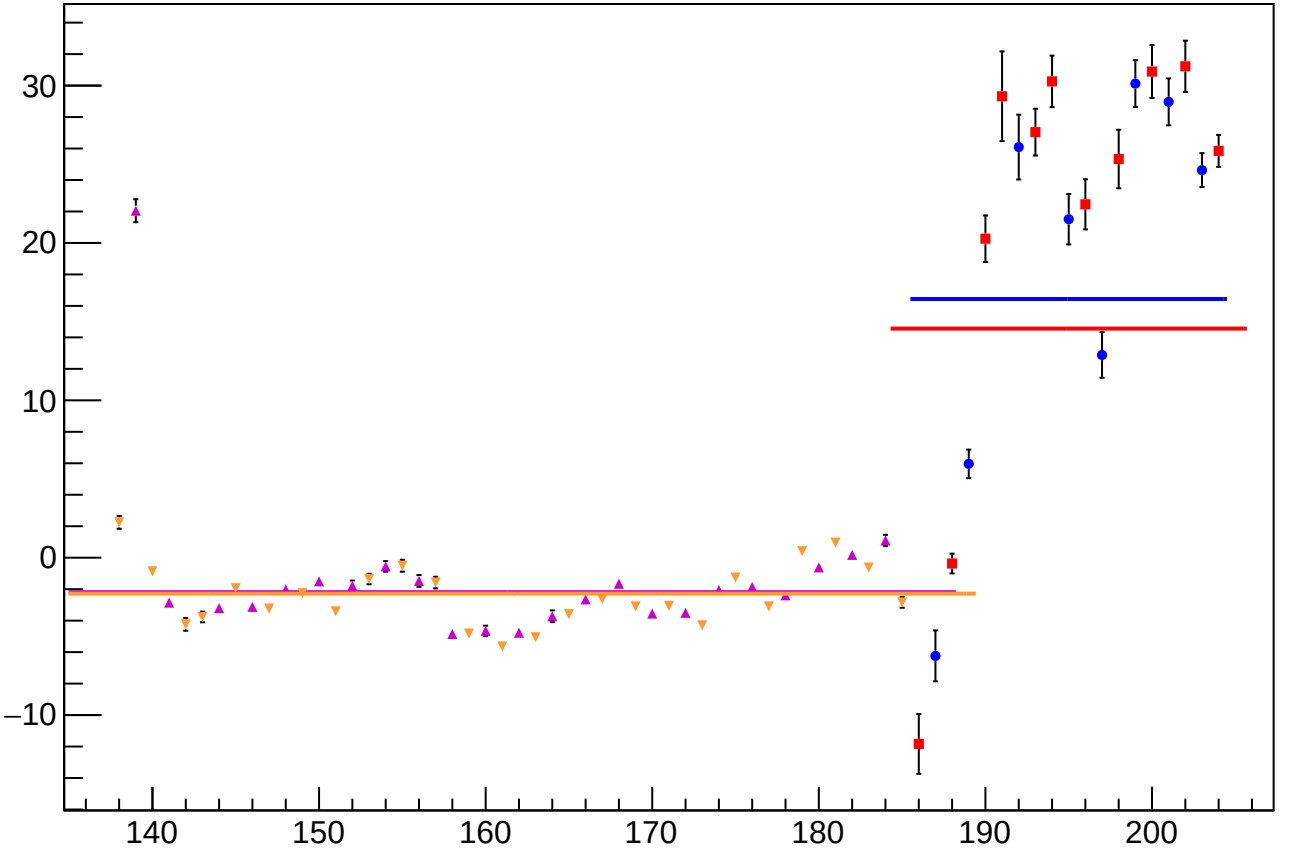
Right: 6.128+/-0.236 χ^2/NDF: 1689.3/18

In: -0.057+/-0.066 χ^2/NDF:3201.4/30

Out: 0.179+/-0.065 χ^2/NDF:4056.9/35

All: 0.064+/-0.046 χ^2/NDF: 7264.9/66

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.438+/-0.473 χ^2/NDF: 580.7/7

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 14.557+/-0.389 χ^2/NDF: 1344.3/10

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

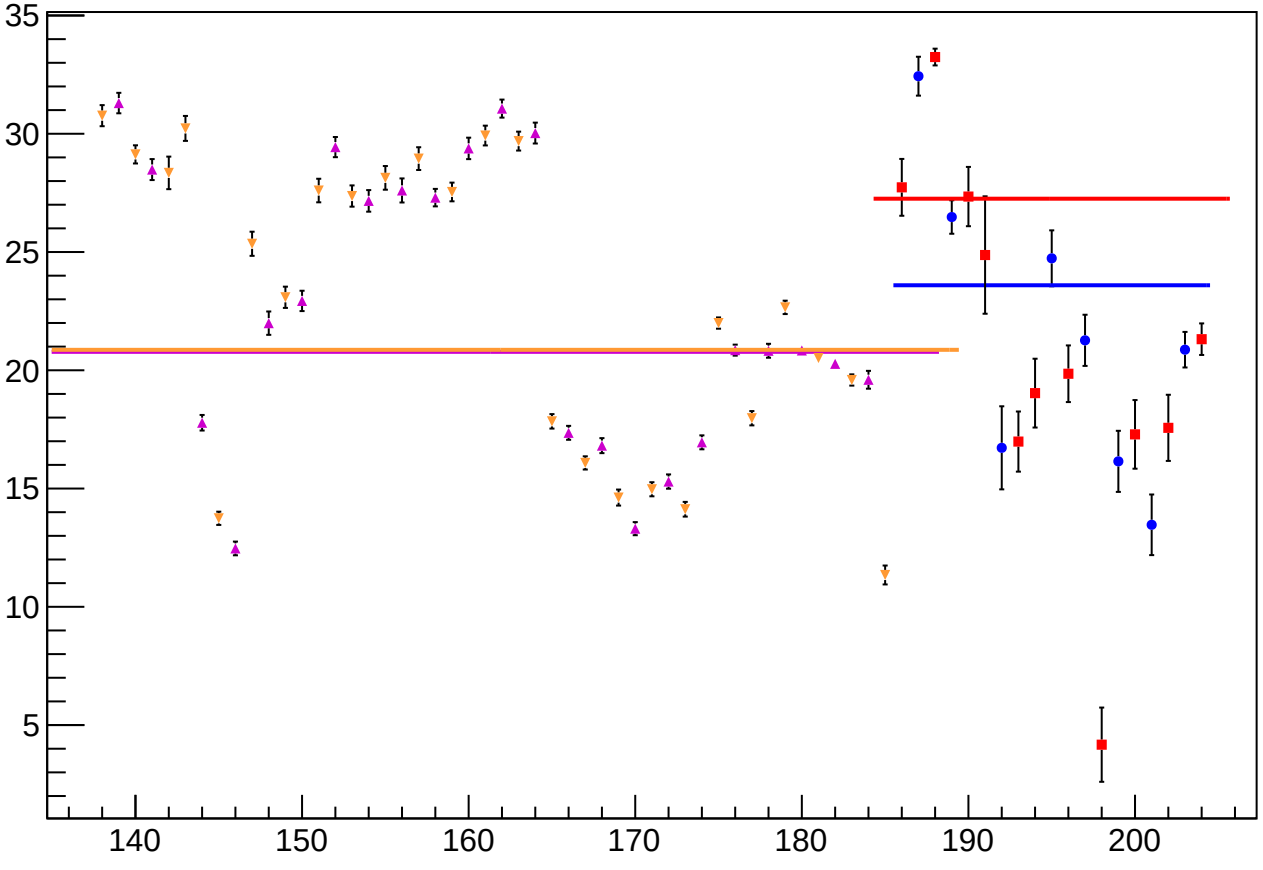
Right: 15.316+/-0.301 χ^2/NDF: 1934.4/18

In: -1.942+/-0.055 χ^2/NDF:3893.2/30

Out: -1.962+/-0.054 χ^2/NDF:4314.1/35

All: -1.952+/-0.038 χ^2/NDF: 8207.4/66

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.594+/-0.346 χ^2/NDF: 262.0/7

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 27.254+/-0.259 χ^2/NDF: 813.6/10

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

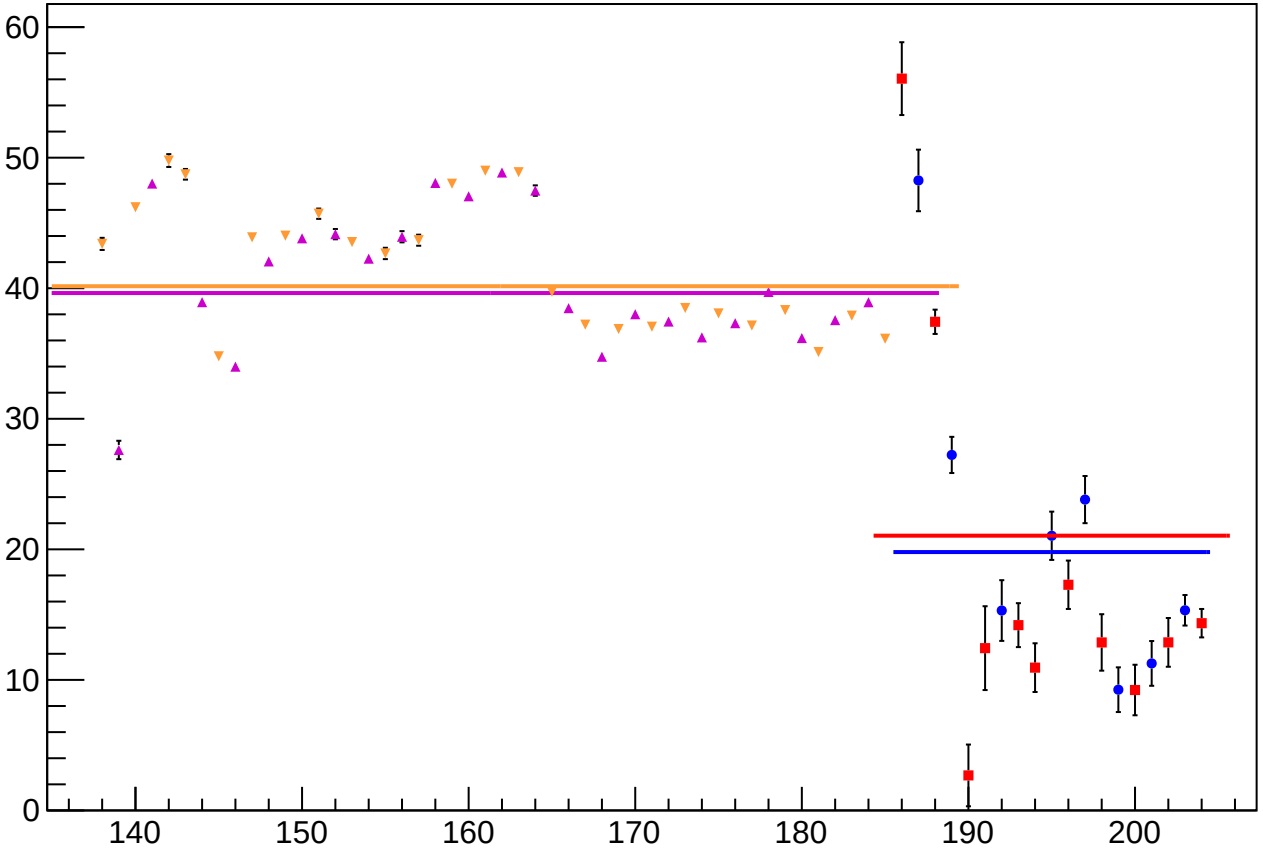
Right: 25.940+/-0.207 χ^2/NDF: 1147.2/18

In: 20.882+/-0.066 χ^2/NDF:6313.7/30

Out: 21.263+/-0.065 χ^2/NDF:7992.4/35

All: 21.077+/-0.046 χ^2/NDF: 14323.1/66

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.792+/-0.587 χ^2/NDF: 260.9/7

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 21.047+/-0.494 χ^2/NDF: 694.0/10

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

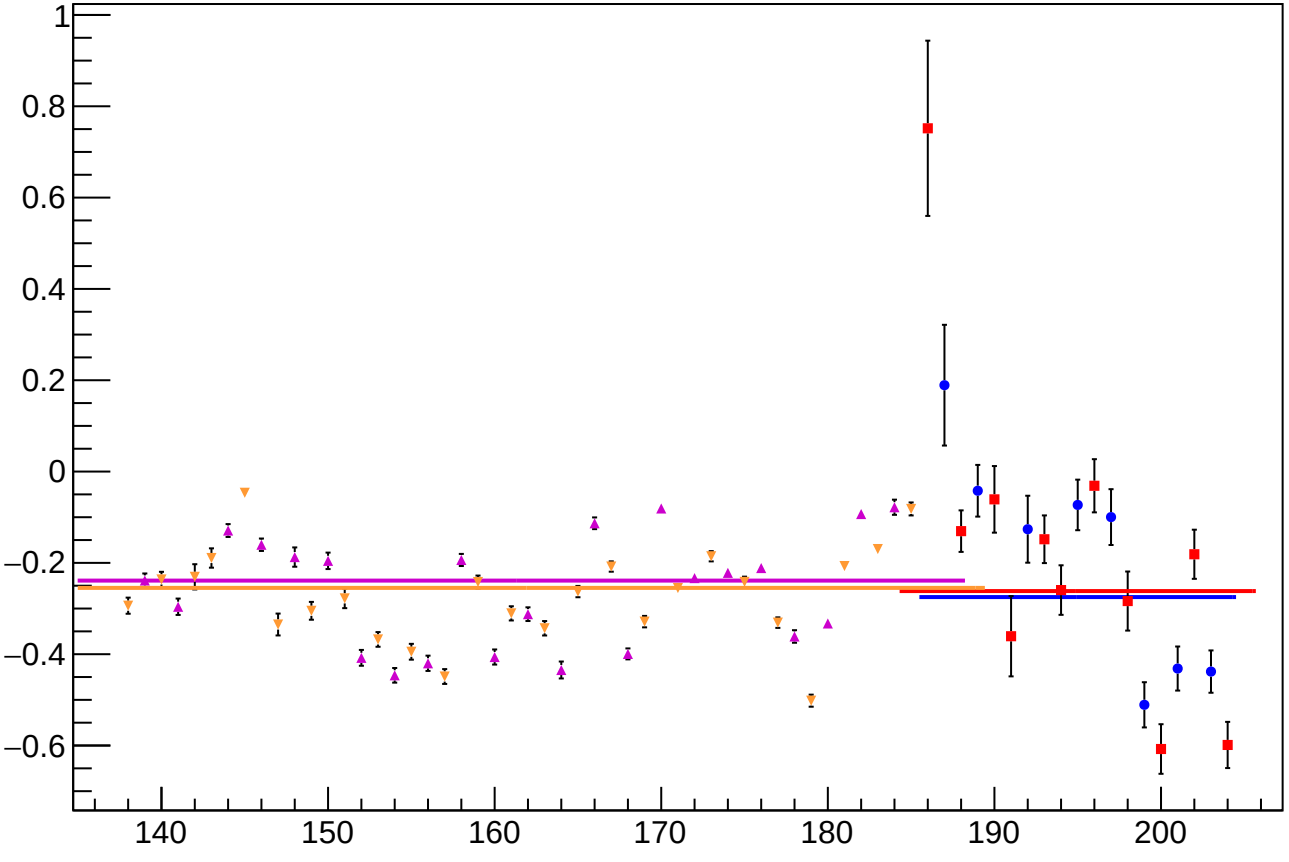
Right: 20.527+/-0.378 χ^2/NDF: 957.6/18

In: 39.419+/-0.061 χ^2/NDF:6732.5/30

Out: 39.871+/-0.060 χ^2/NDF:8031.4/35

All: 39.649+/-0.043 χ^2/NDF: 14791.9/66

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.275+/-0.020 χ^2/NDF: 100.5/7

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.262+/-0.018 χ^2/NDF: 152.8/10

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

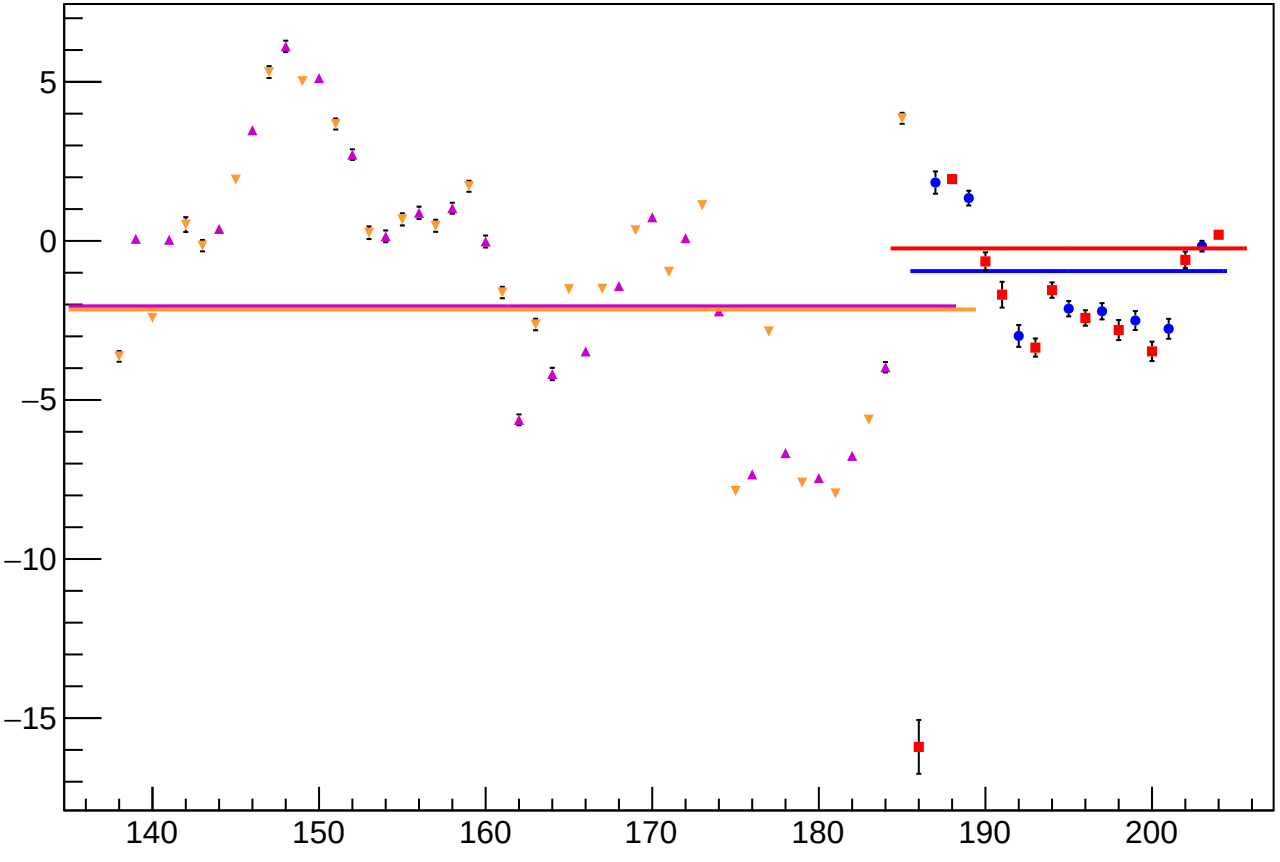
Right: -0.268+/-0.013 χ^2/NDF: 253.5/18

In: -0.239+/-0.003 χ^2/NDF:1853.6/30

Out: -0.255+/-0.003 χ^2/NDF:1570.6/35

All: -0.247+/-0.002 χ^2/NDF: 3440.3/66

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.950+/-0.090 χ^2/NDF: 326.0/7

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -0.235+/-0.067 χ^2/NDF: 1169.5/10

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

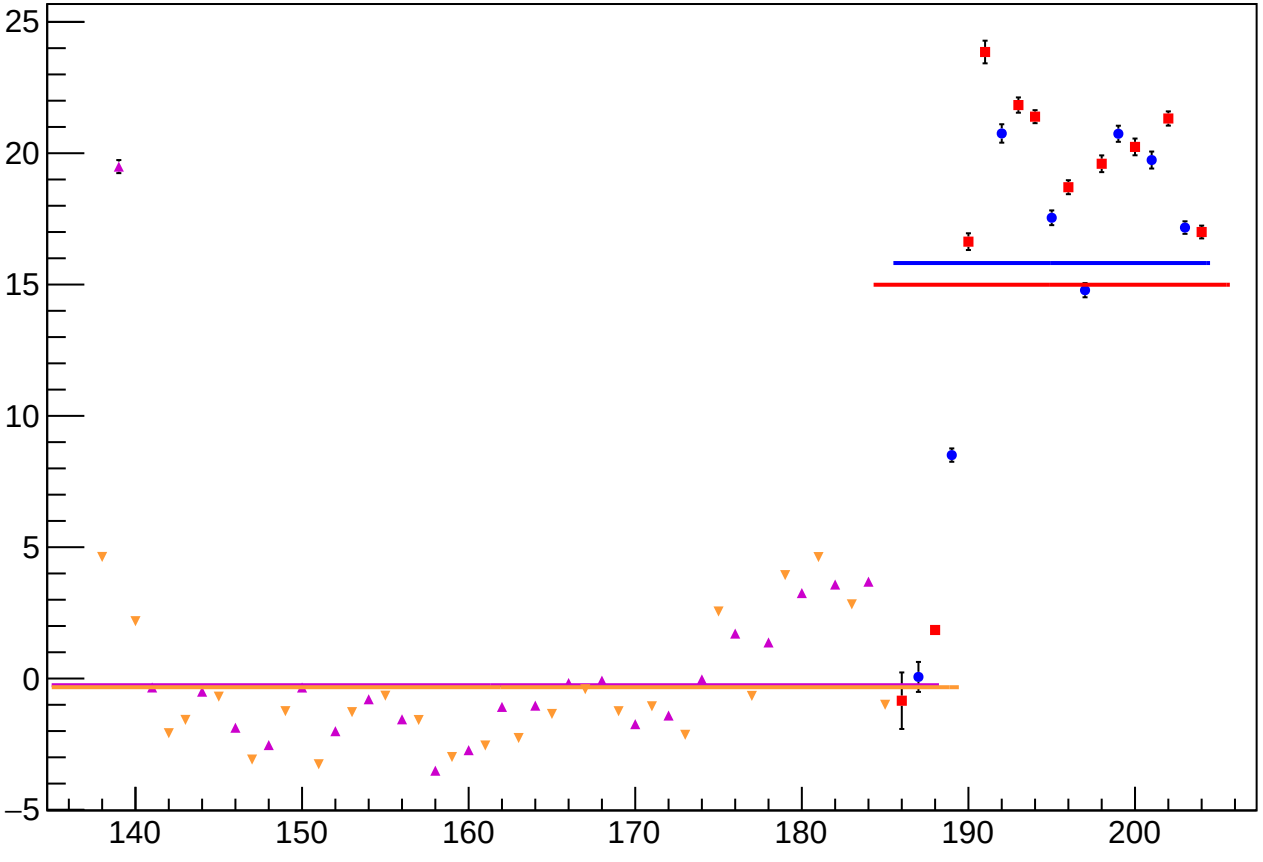
Right: -0.489+/-0.054 χ^2/NDF: 1536.4/18

In: -1.972+/-0.025 χ^2/NDF:23810.3/30

Out: -1.908+/-0.024 χ^2/NDF:26394.5/35

All: -1.939+/-0.017 χ^2/NDF: 50208.3/66

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.819+/-0.105 χ^2/NDF: 2274.3/7

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 14.993+/-0.083 χ^2/NDF: 9806.5/10

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

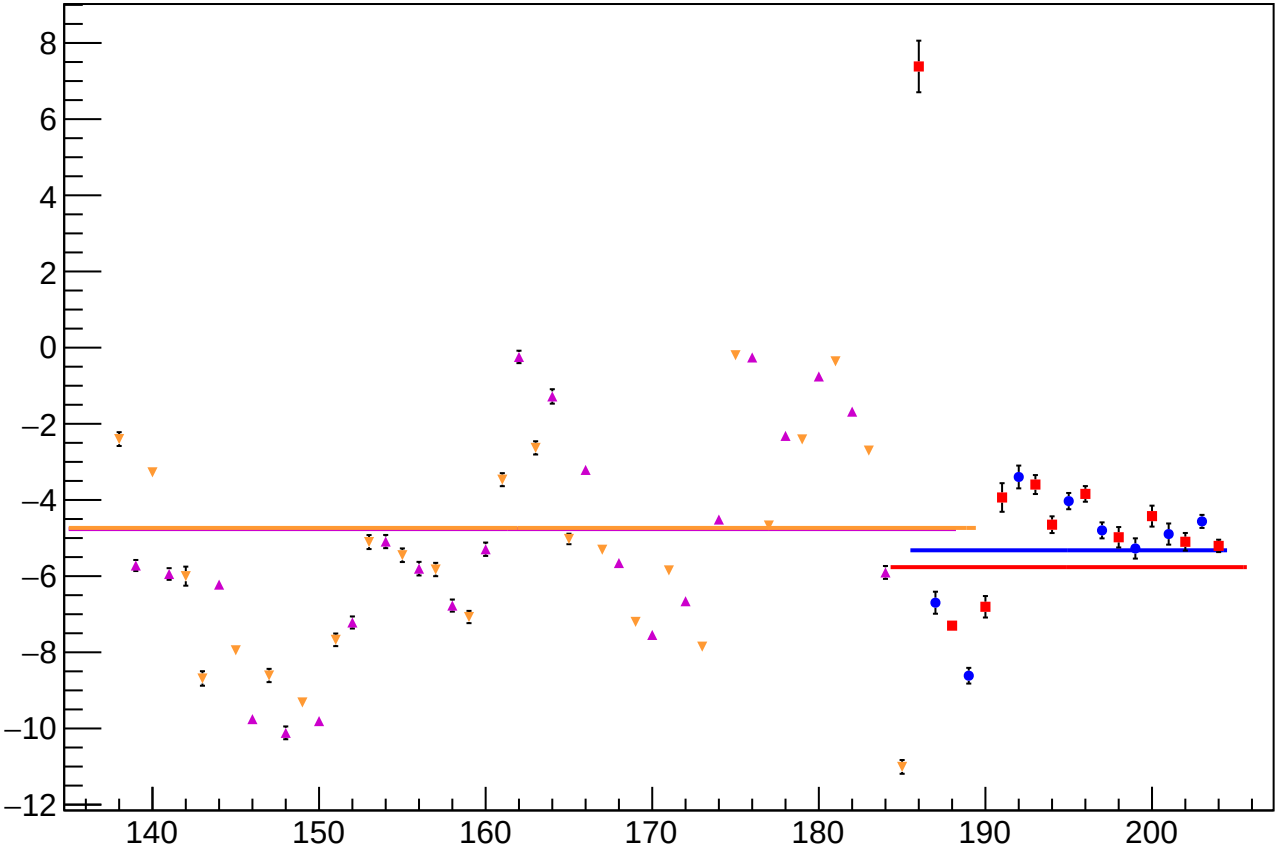
Right: 15.309+/-0.065 χ^2/NDF: 12119.1/18

In: 0.357+/-0.020 χ^2/NDF:38997.7/30

Out: 0.570+/-0.020 χ^2/NDF:54814.0/35

All: 0.466+/-0.014 χ^2/NDF: 93867.1/66

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.322+/-0.081 χ^2/NDF: 383.7/7

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -5.764+/-0.058 χ^2/NDF: 954.2/10

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

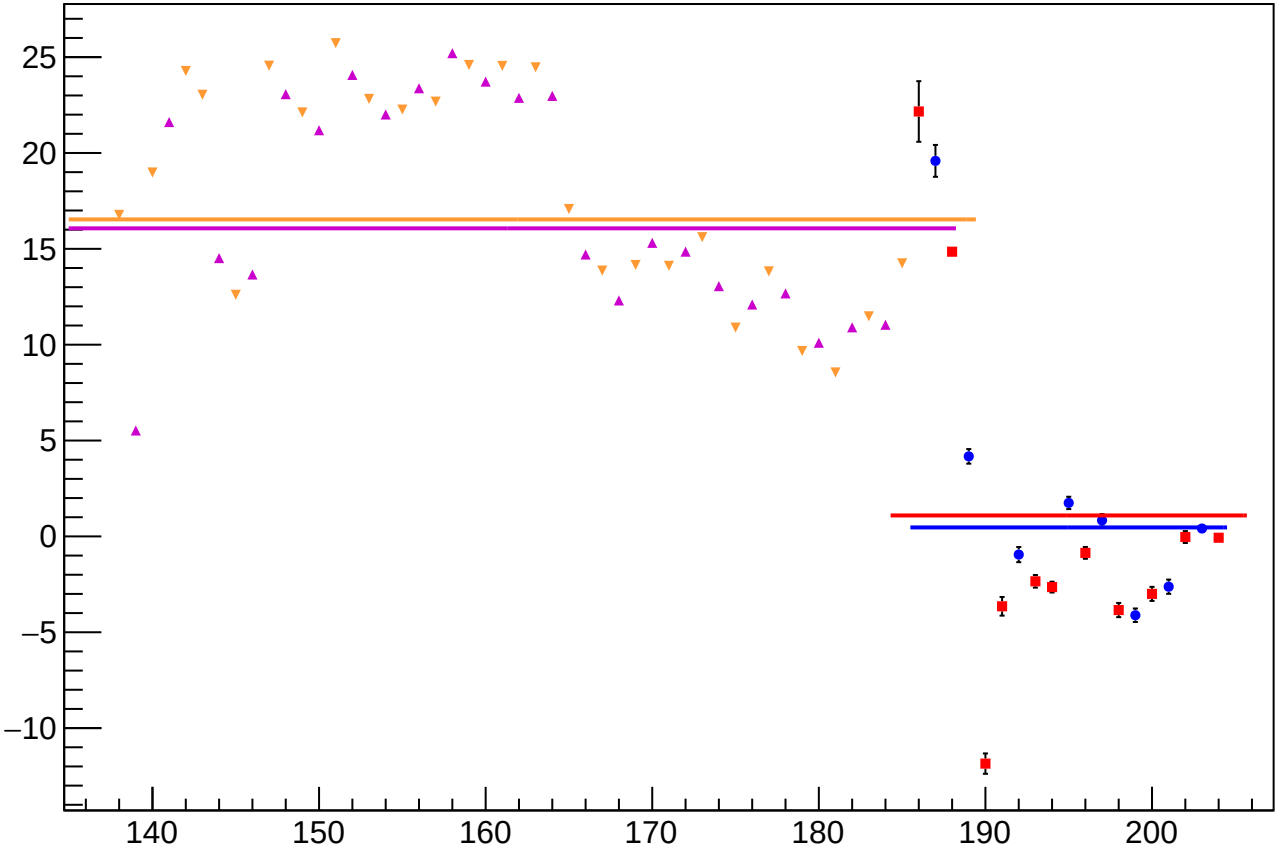
Right: -5.612+/-0.047 χ^2/NDF: 1357.6/18

In: -4.816+/-0.025 χ^2/NDF:14589.8/30

Out: -4.903+/-0.024 χ^2/NDF:14402.3/35

All: -4.861+/-0.017 χ^2/NDF: 28998.5/66

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.468+/-0.125 χ^2/NDF: 891.6/7

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 1.093+/-0.101 χ^2/NDF: 4983.4/10

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

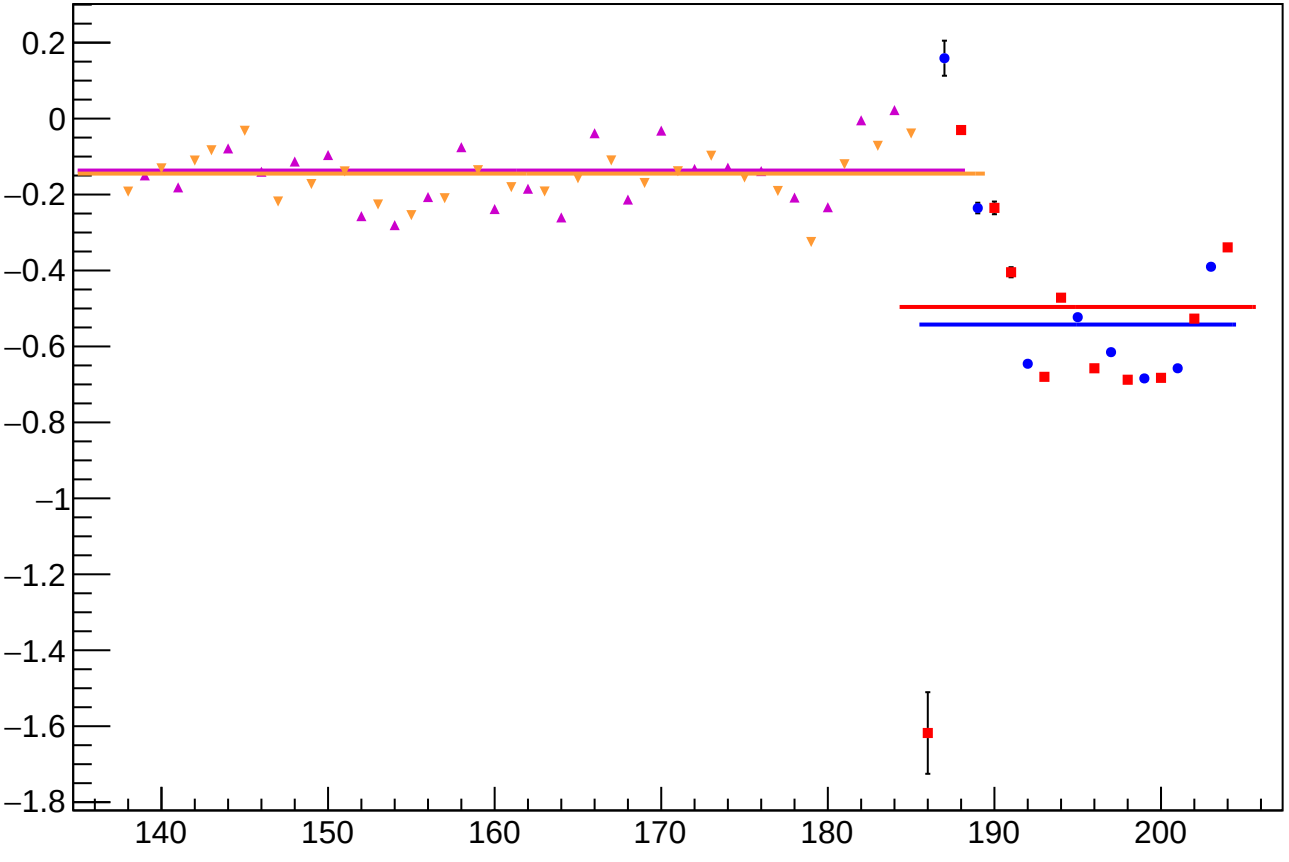
Right: 0.847+/-0.079 χ^2/NDF: 5890.1/18

In: 15.539+/-0.023 χ^2/NDF:58640.0/30

Out: 15.761+/-0.023 χ^2/NDF:80803.0/35

All: 15.652+/-0.016 χ^2/NDF: 139490.2/66

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.542+/-0.004 χ^2/NDF: 1395.6/7

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.496+/-0.003 χ^2/NDF: 3834.7/10

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

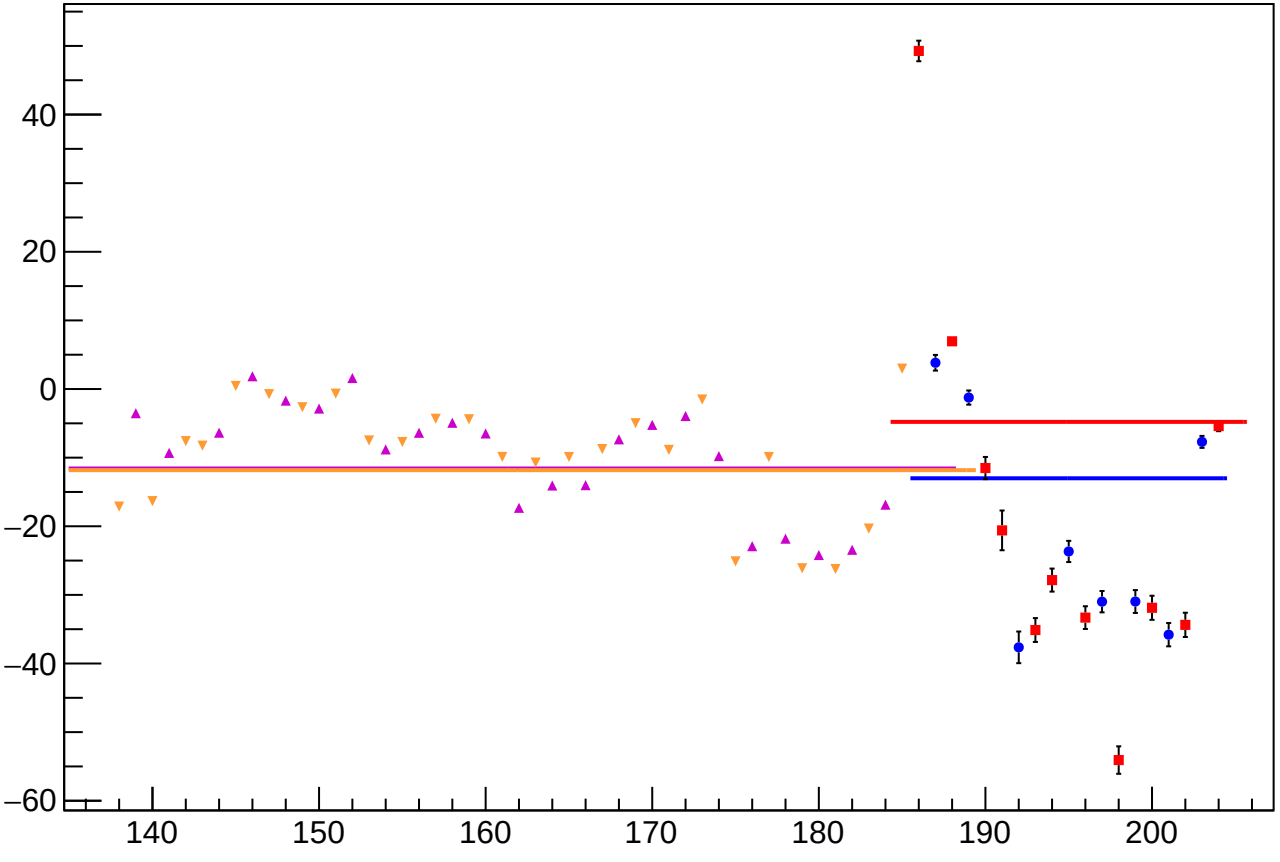
Right: -0.515+/-0.003 χ^2/NDF: 5309.2/18

In: -0.163+/-0.001 χ^2/NDF:16253.5/30

Out: -0.177+/-0.001 χ^2/NDF:17782.0/35

All: -0.170+/-0.001 χ^2/NDF: 34128.5/66

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.006+/-0.459 χ^2/NDF: 975.0/7

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: -4.785+/-0.350 χ^2/NDF: 3739.7/10

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

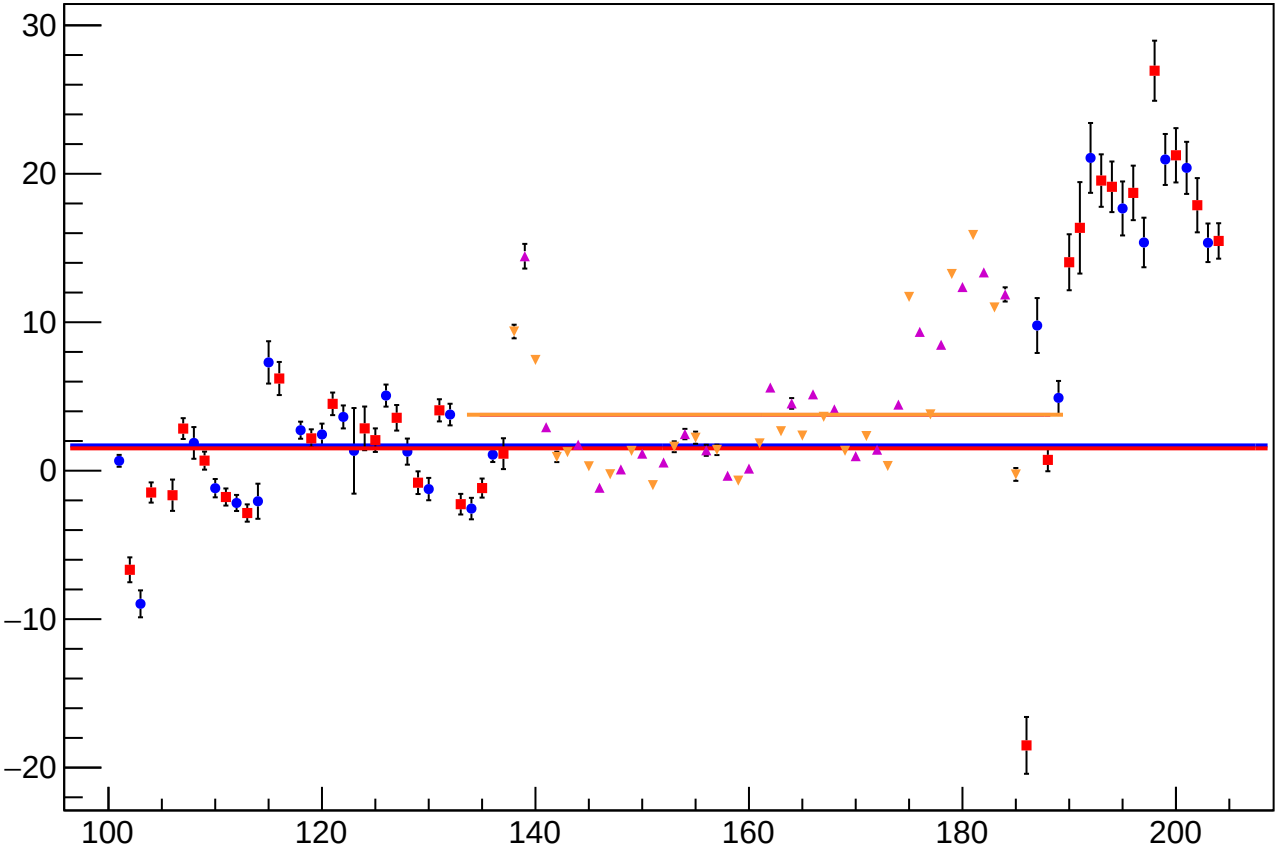
Right: -7.804+/-0.278 χ^2/NDF: 4917.6/18

In: -11.614+/-0.070 χ^2/NDF:15228.0/30

Out: -11.549+/-0.069 χ^2/NDF:21406.0/35

All: -11.580+/-0.049 χ^2/NDF: 36634.5/66

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.702+/-0.162 χ^2/NDF: 922.7/24

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 1.504+/-0.163 χ^2/NDF: 1294.6/28

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

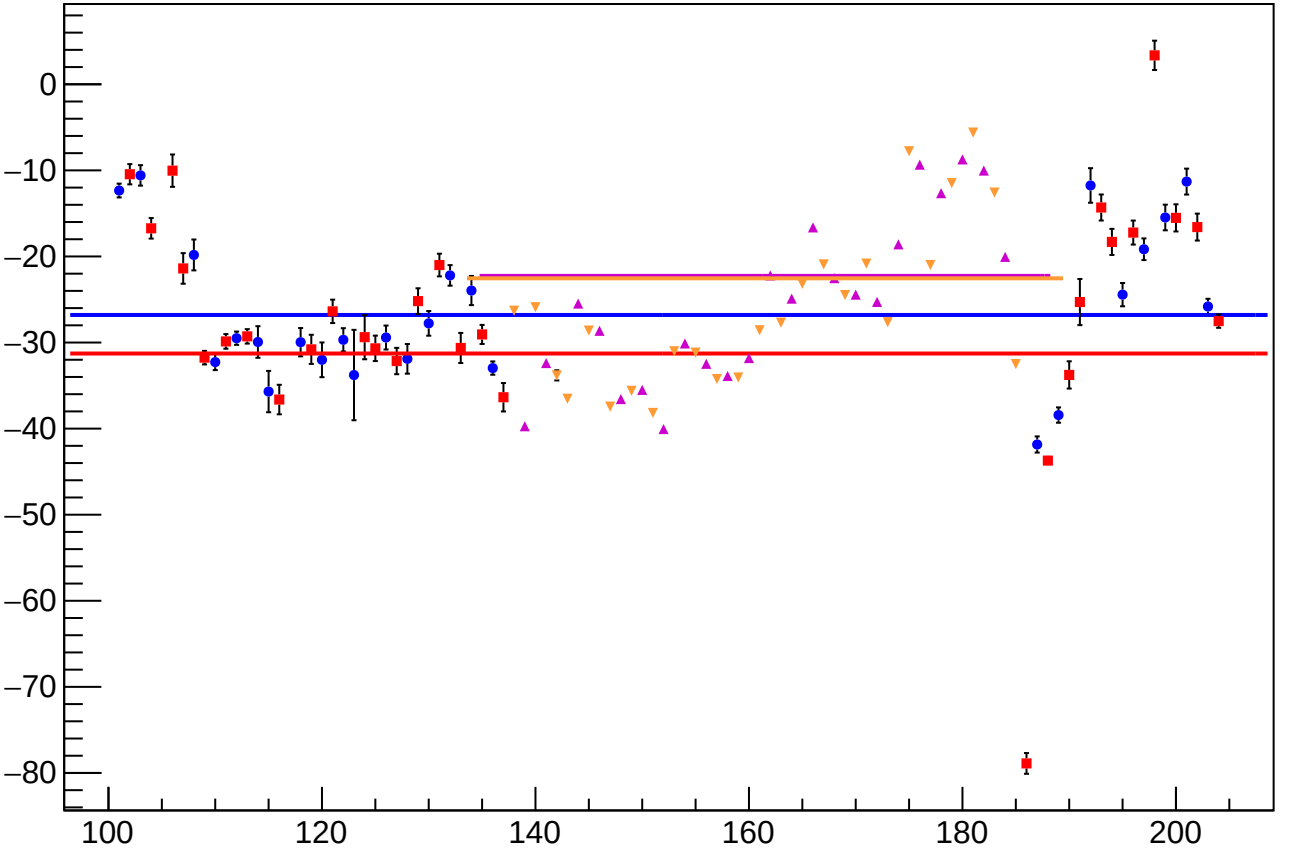
Right: 1.604+/-0.115 χ^2/NDF: 2218.0/53

In: 3.533+/-0.053 χ^2/NDF:6721.3/47

Out: 3.534+/-0.053 χ^2/NDF:8888.0/53

All: 3.533+/-0.037 χ^2/NDF: 15609.3/101

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.796+/-0.242 χ^2/NDF: 1387.4/24

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -31.276+/-0.213 χ^2/NDF: 4060.8/28

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

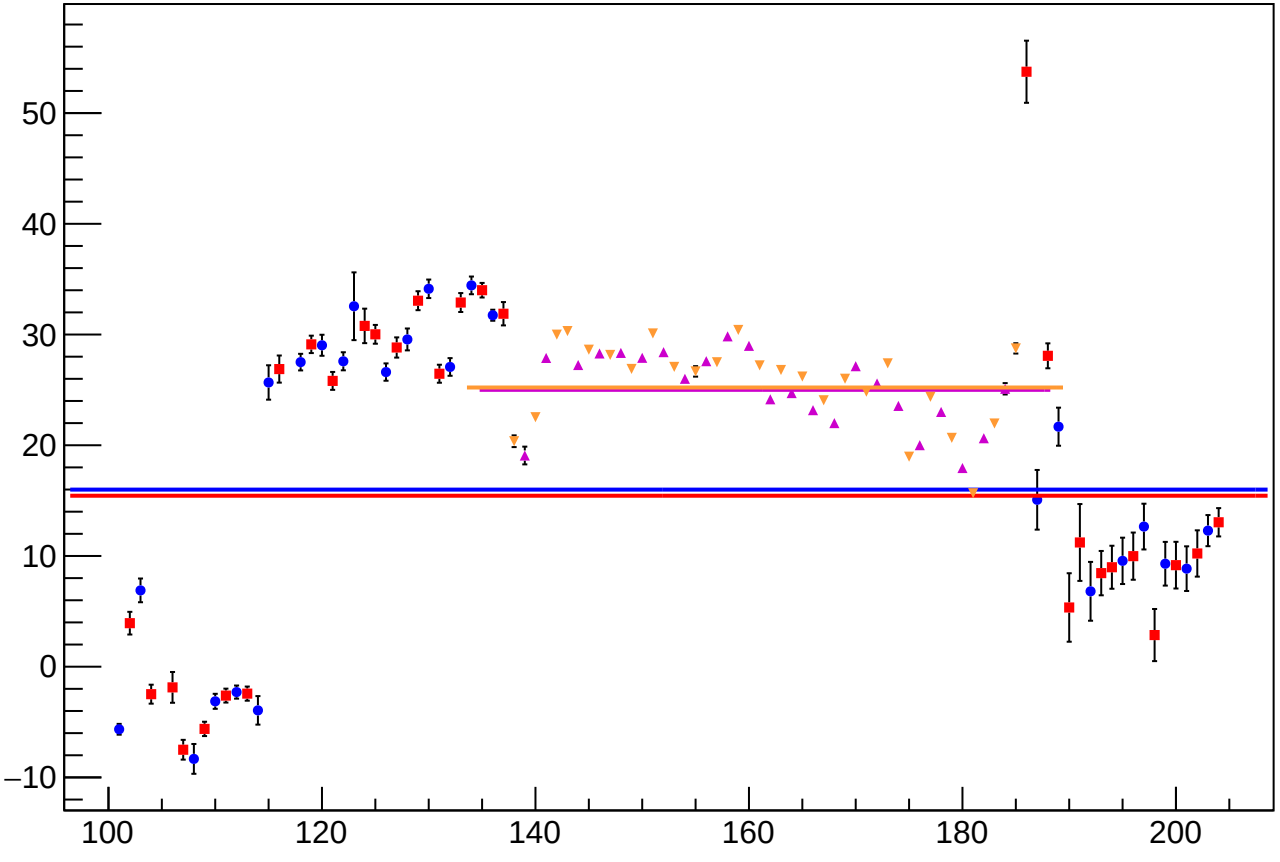
Right: -29.316+/-0.160 χ^2/NDF: 5641.1/53

In: -22.621+/-0.068 χ^2/NDF:19549.6/47

Out: -23.407+/-0.067 χ^2/NDF:25323.4/53

All: -23.021+/-0.048 χ^2/NDF: 44940.2/101

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.994+/-0.184 χ^2/NDF: 7679.2/24

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.442+/-0.186 χ^2/NDF: 7669.5/28

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

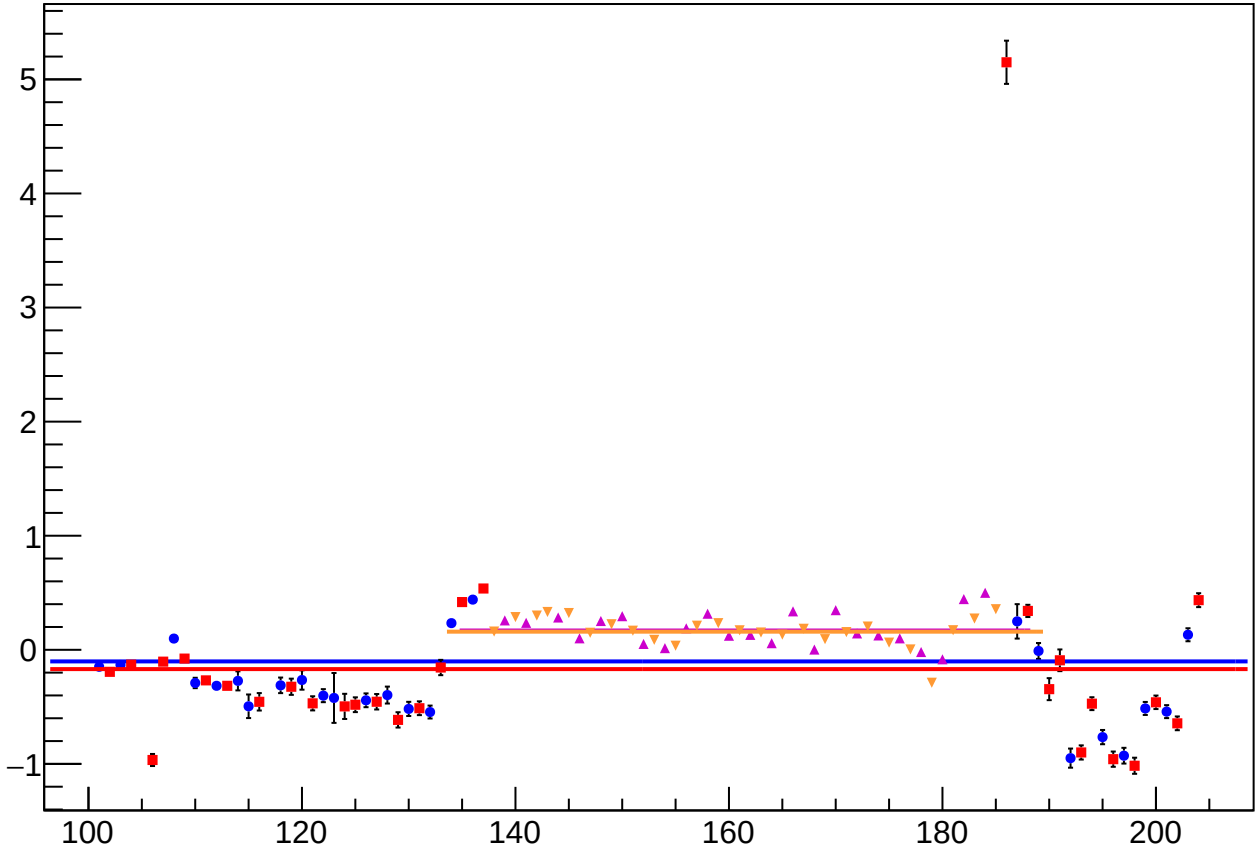
Right: 15.721+/-0.131 χ^2/NDF: 15353.2/53

In: 24.044+/-0.060 χ^2/NDF:12552.4/47

Out: 24.221+/-0.059 χ^2/NDF:13879.6/53

All: 24.133+/-0.042 χ^2/NDF: 26436.3/101

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.102+/-0.009 χ^2/NDF: 1550.1/24

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.169+/-0.009 χ^2/NDF: 2695.6/28

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

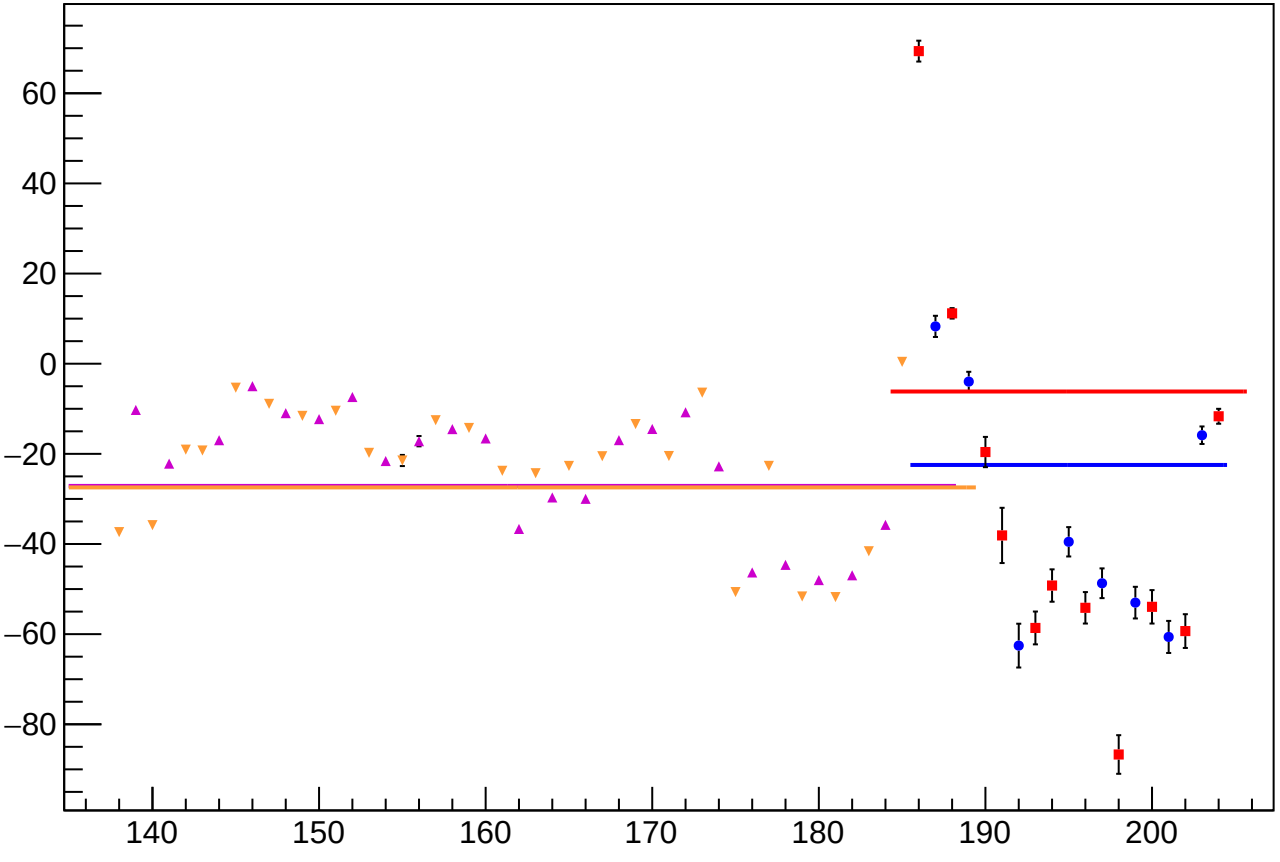
Right: -0.136+/-0.007 χ^2/NDF: 4271.6/53

In: 0.146+/-0.003 χ^2/NDF:4730.9/47

Out: 0.130+/-0.003 χ^2/NDF:5699.9/53

All: 0.138+/-0.002 χ^2/NDF: 10447.1/101

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.463+/-0.978 χ^2/NDF: 604.2/7

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: -6.169+/-0.737 χ^2/NDF: 2600.1/10

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

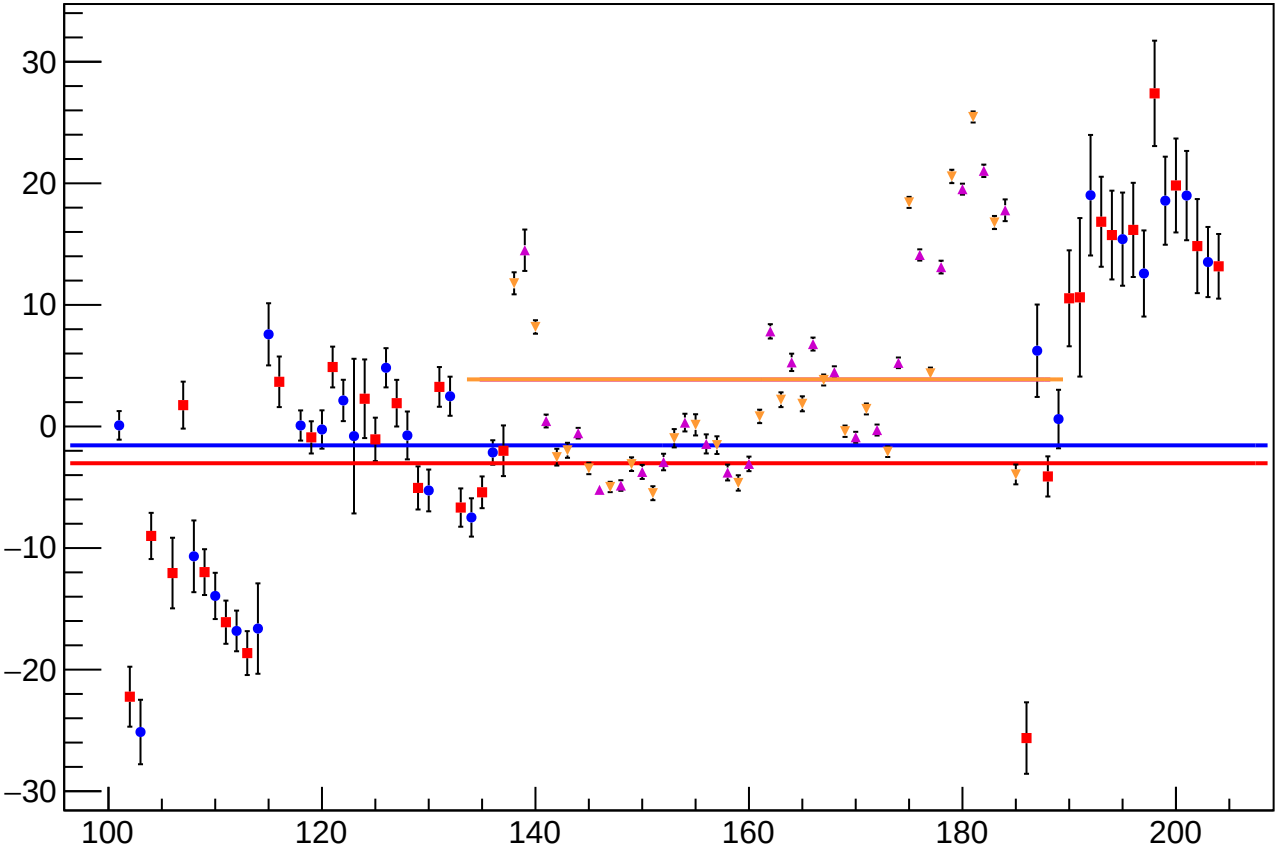
Right: -12.068+/-0.588 χ^2/NDF: 3381.4/18

In: -27.023+/-0.137 χ^2/NDF:12070.1/30

Out: -26.735+/-0.135 χ^2/NDF:18226.9/35

All: -26.876+/-0.096 χ^2/NDF: 30299.3/66

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.552+/-0.386 χ^2/NDF: 441.2/24

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -3.024+/-0.389 χ^2/NDF: 606.8/28

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

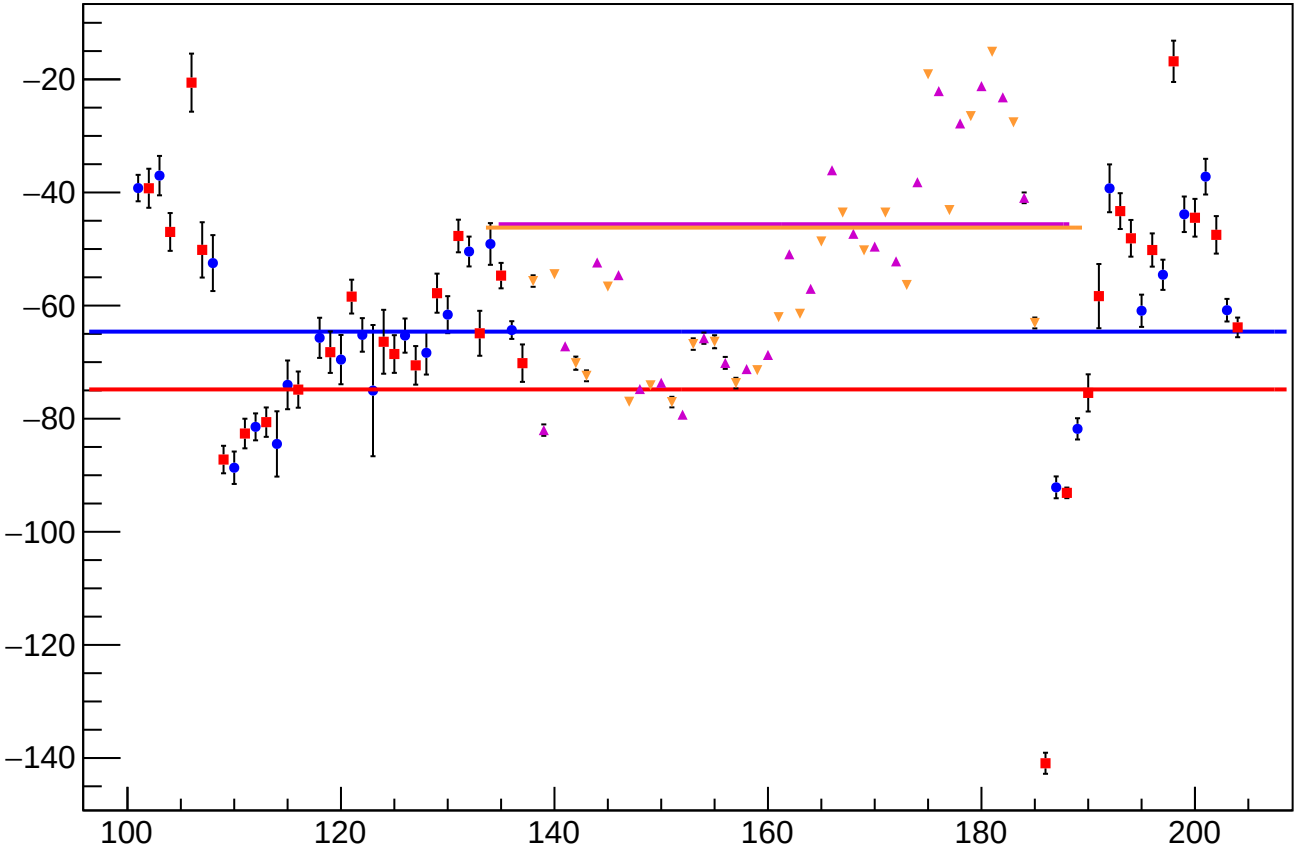
Right: -2.281+/-0.274 χ^2/NDF: 1055.2/53

In: 3.448+/-0.107 χ^2/NDF:6061.5/47

Out: 3.368+/-0.105 χ^2/NDF:7803.6/53

All: 3.407+/-0.075 χ^2/NDF: 13865.4/101

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.605+/-0.563 χ^2/NDF: 835.3/24

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -74.825+/-0.487 χ^2/NDF: 2923.2/28

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

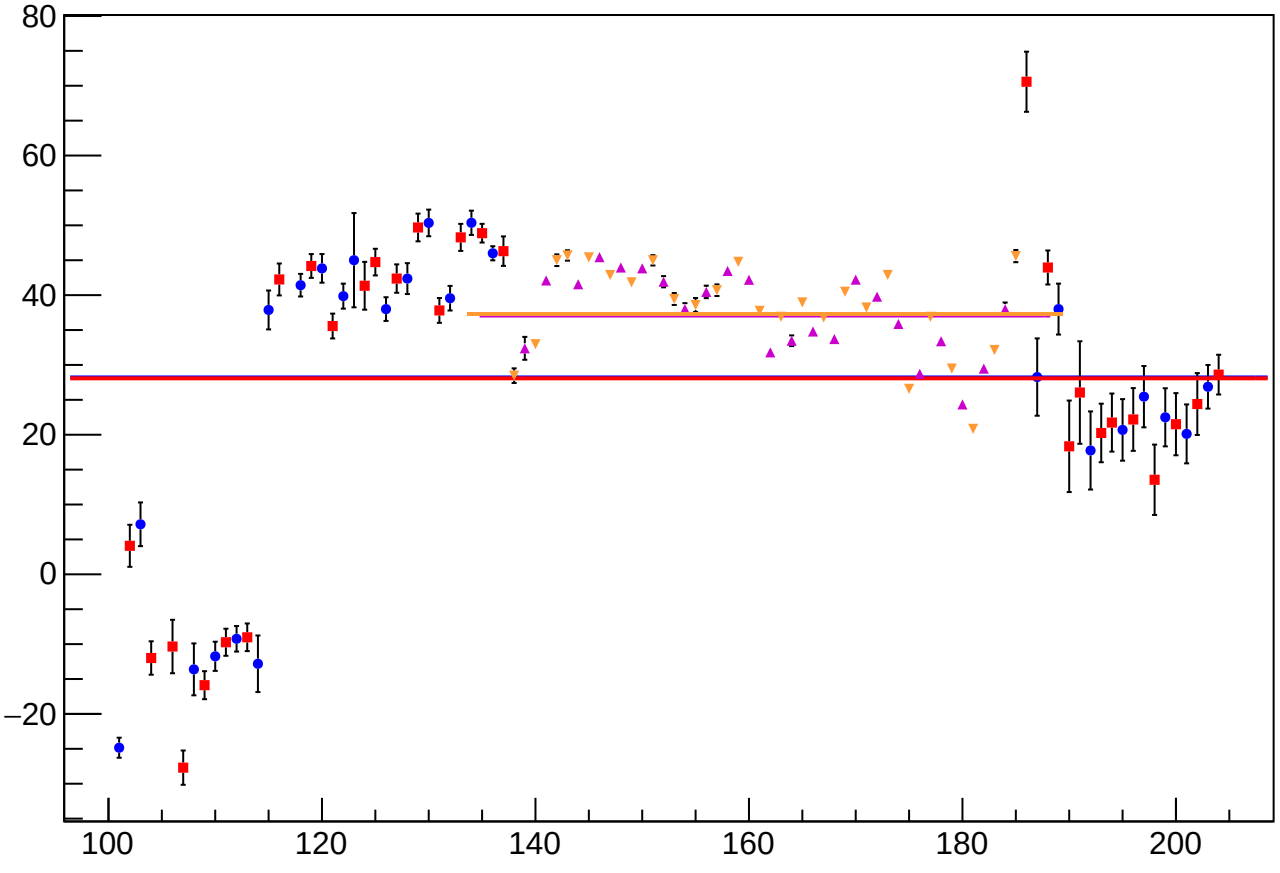
Right: -70.445+/-0.368 χ^2/NDF: 3947.1/53

In: -46.711+/-0.135 χ^2/NDF:19652.5/47

Out: -48.341+/-0.133 χ^2/NDF:26095.5/53

All: -47.539+/-0.095 χ^2/NDF: 45822.1/101

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.206+/-0.437 χ^2/NDF: 3350.2/24

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.079+/-0.445 χ^2/NDF: 3189.7/28

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

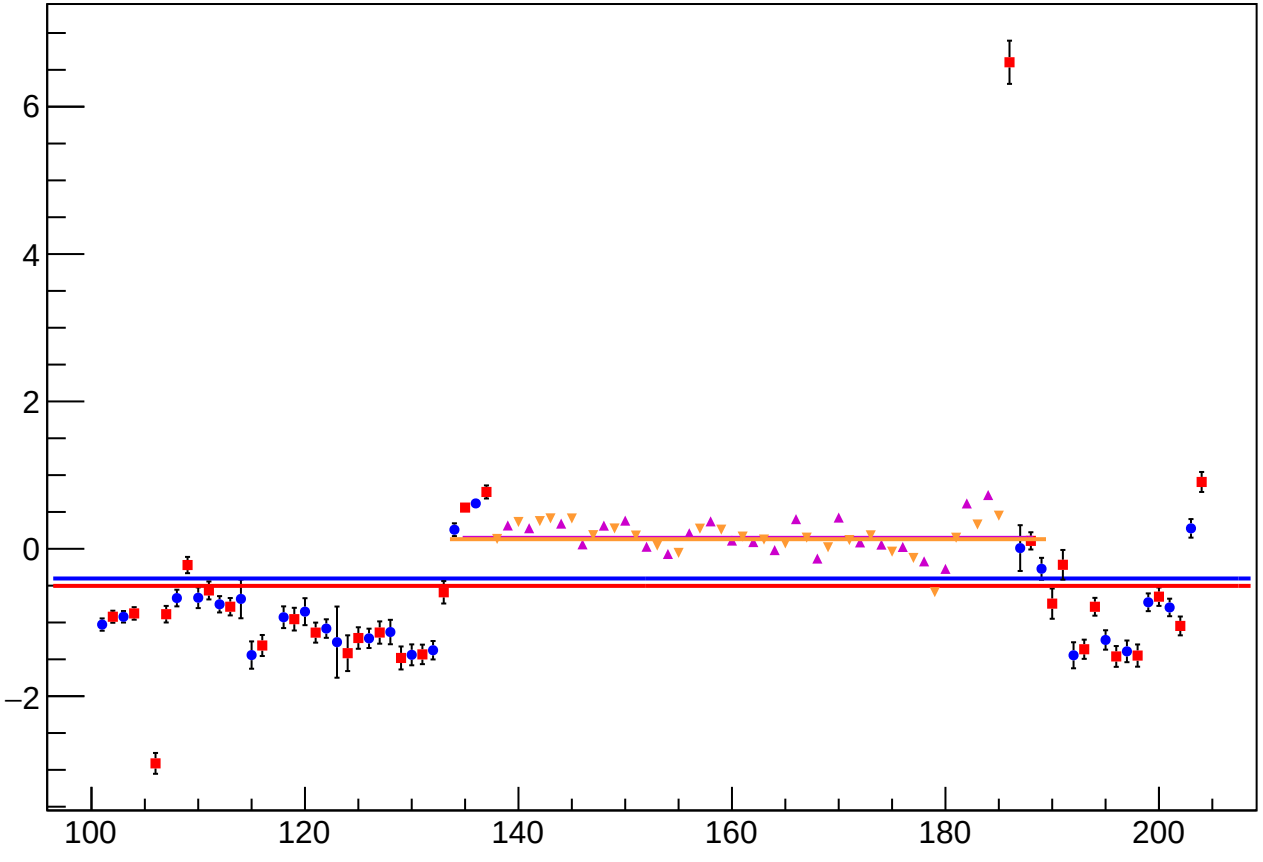
Right: 28.144+/-0.312 χ^2/NDF: 6539.9/53

In: 36.410+/-0.120 χ^2/NDF:6137.4/47

Out: 36.643+/-0.119 χ^2/NDF:6701.3/53

All: 36.528+/-0.084 χ^2/NDF: 12840.6/101

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.403+/-0.022 χ^2/NDF: 1192.5/24

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.503+/-0.022 χ^2/NDF: 2043.4/28

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

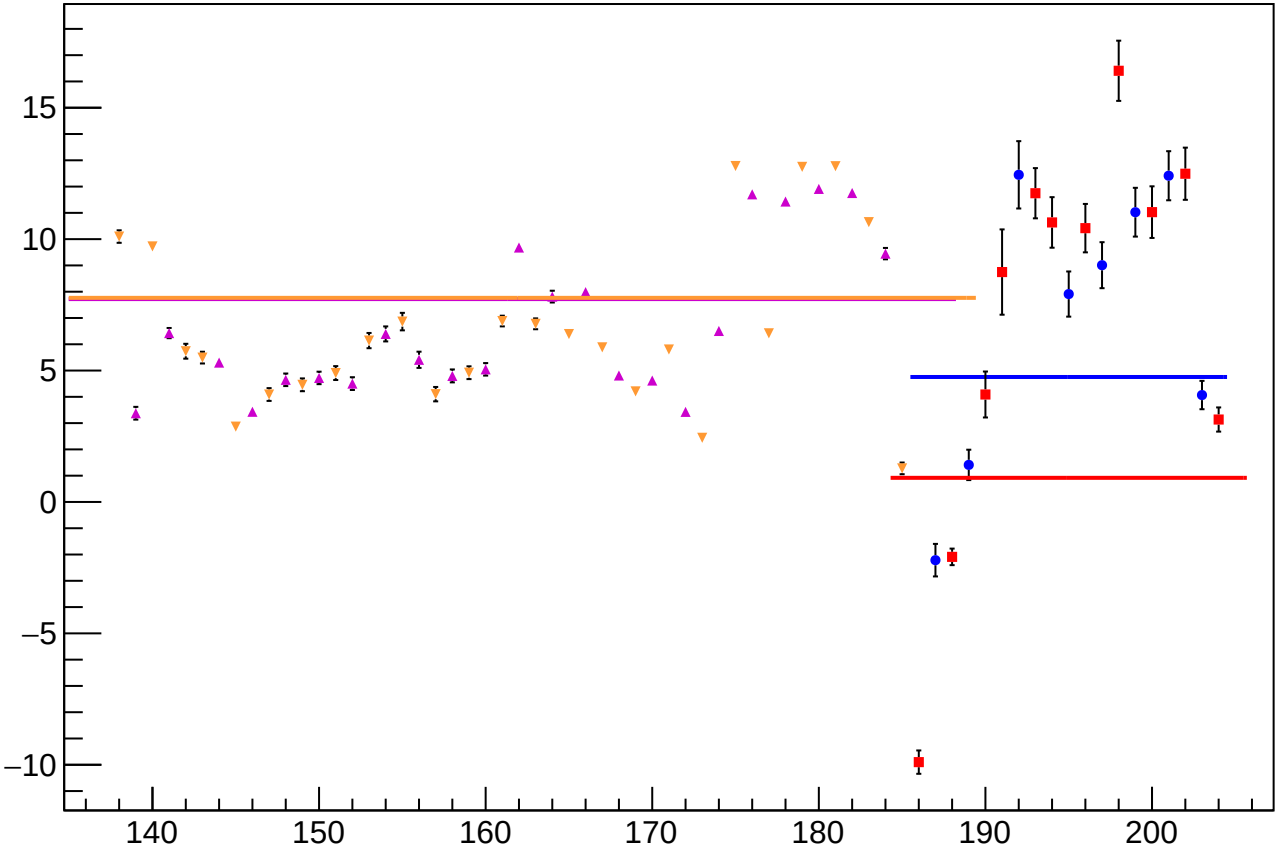
Right: -0.453+/-0.016 χ^2/NDF: 3246.1/53

In: 0.115+/-0.006 χ^2/NDF:3579.5/47

Out: 0.092+/-0.005 χ^2/NDF:4232.4/53

All: 0.103+/-0.004 χ^2/NDF: 7820.7/101

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.755+/-0.262 χ^2/NDF: 347.9/7

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: 0.918+/-0.190 χ^2/NDF: 1505.5/10

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

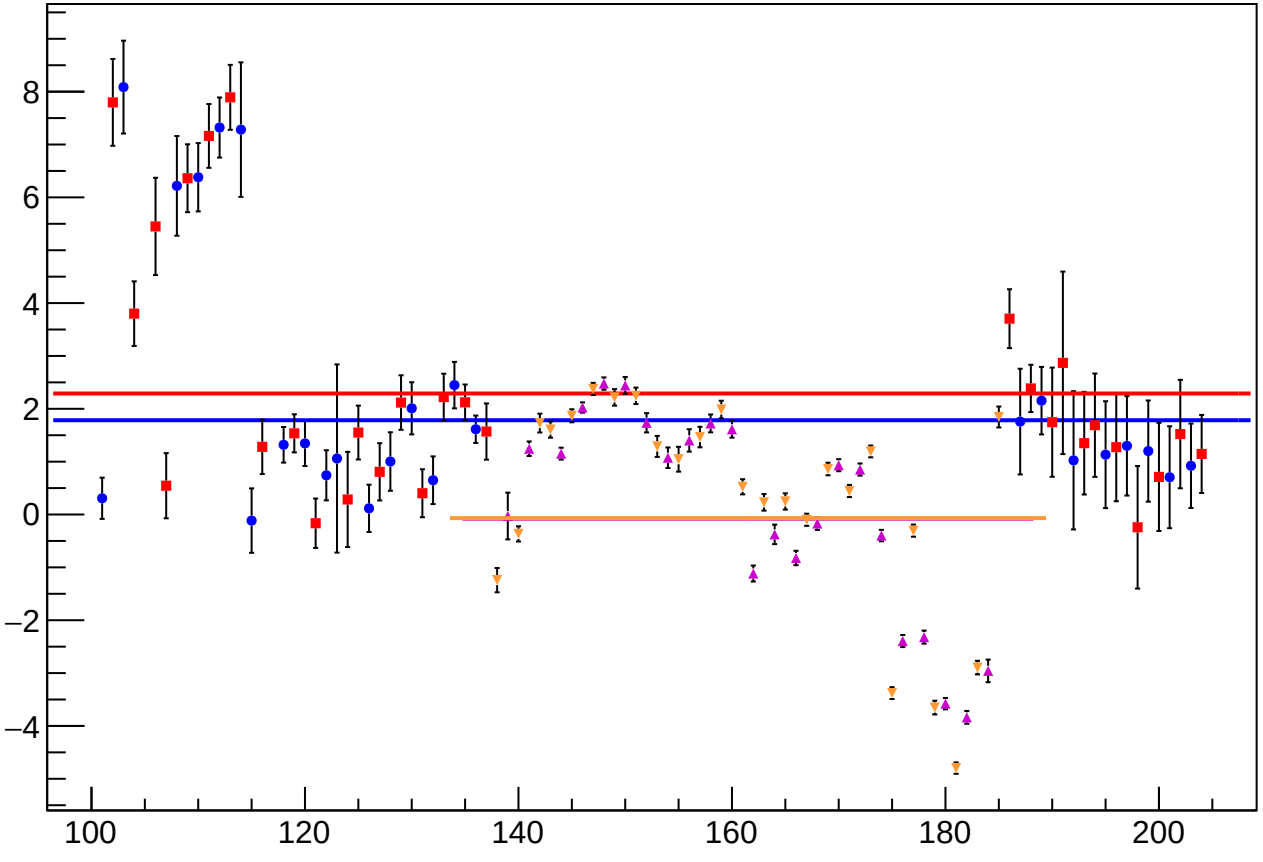
Right: 2.242+/-0.154 χ^2/NDF: 1994.4/18

In: 7.667+/-0.035 χ^2/NDF:8964.6/30

Out: 7.548+/-0.034 χ^2/NDF:14469.4/35

All: 7.607+/-0.024 χ^2/NDF: 23440.1/66

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.784+/-0.109 χ^2/NDF: 299.2/24

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.290+/-0.109 χ^2/NDF: 348.8/28

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

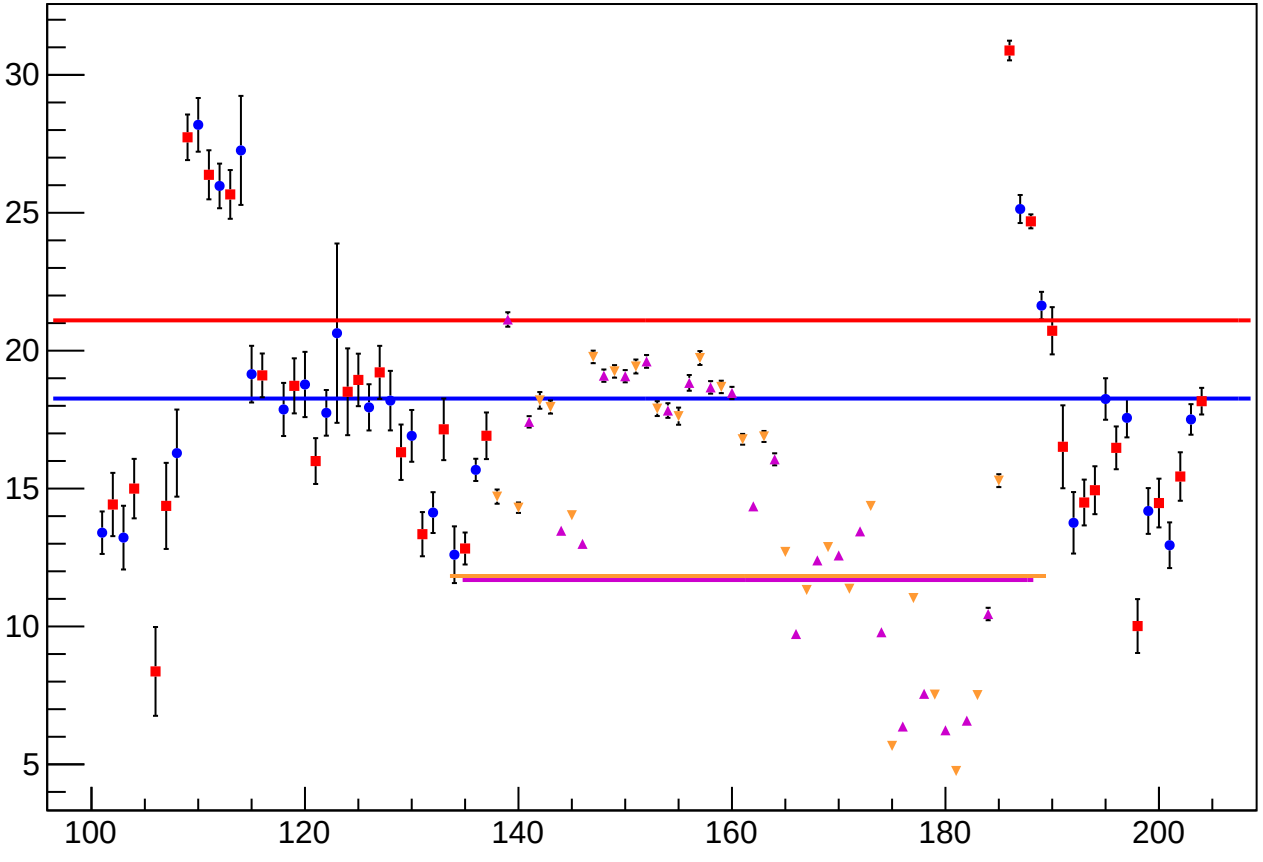
Right: 2.036+/-0.077 χ^2/NDF: 658.7/53

In: 0.038+/-0.027 χ^2/NDF:5561.9/47

Out: 0.074+/-0.027 χ^2/NDF:6818.1/53

All: 0.056+/-0.019 χ^2/NDF: 12380.9/101

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.264+/-0.156 χ^2/NDF: 695.2/24

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.099+/-0.131 χ^2/NDF: 2064.5/28

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

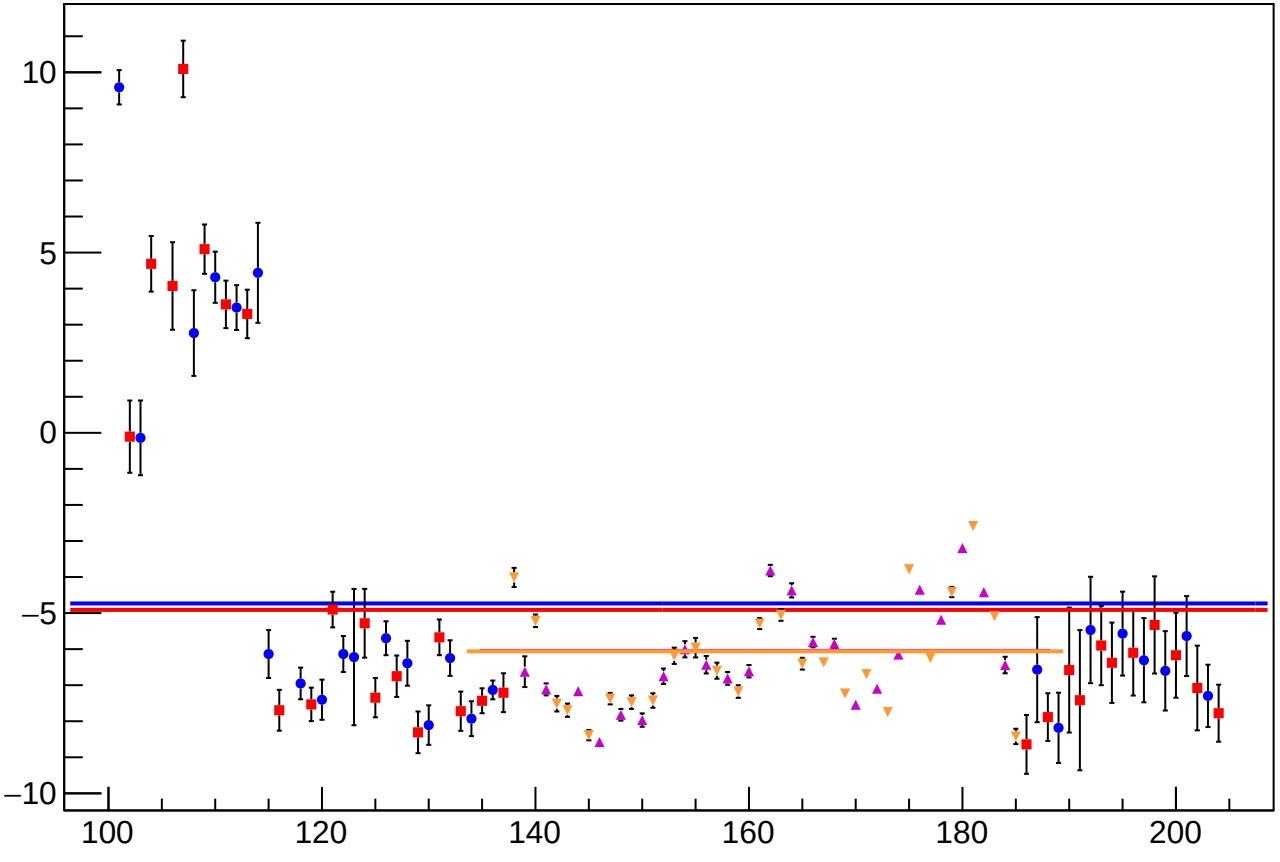
Right: 19.930+/-0.100 χ^2/NDF: 2952.9/53

In: 11.998+/-0.034 χ^2/NDF:19309.4/47

Out: 12.439+/-0.034 χ^2/NDF:25776.0/53

All: 12.222+/-0.024 χ^2/NDF: 45169.9/101

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.733+/-0.123 χ^2/NDF: 1621.8/24

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.912+/-0.125 χ^2/NDF: 1413.2/28

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

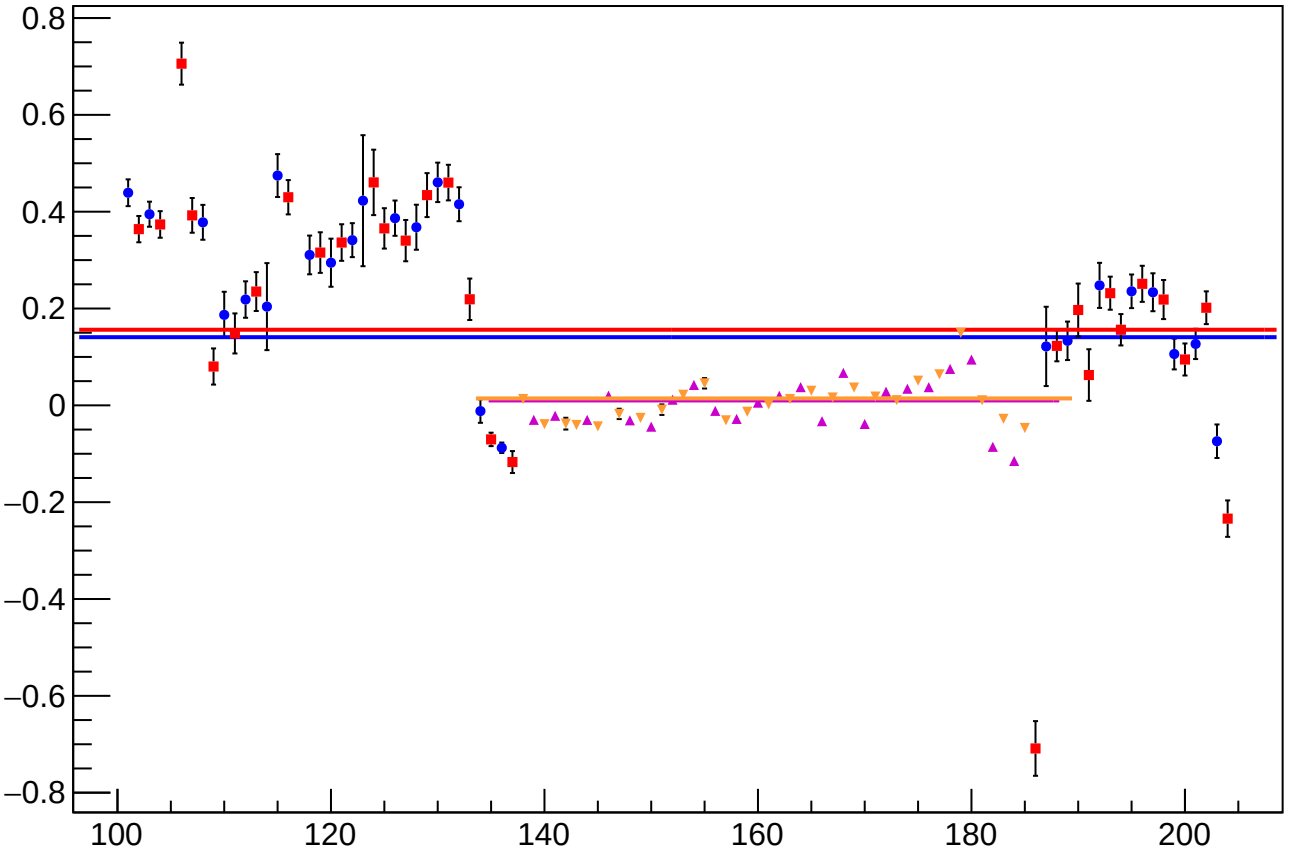
Right: -4.820+/-0.088 χ^2/NDF: 3036.0/53

In: -5.968+/-0.031 χ^2/NDF:4032.6/47

Out: -5.994+/-0.030 χ^2/NDF:4141.5/53

All: -5.981+/-0.022 χ^2/NDF: 8174.4/101

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.141+/-0.006 χ^2/NDF: 1118.8/24

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.156+/-0.006 χ^2/NDF: 1379.7/28

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

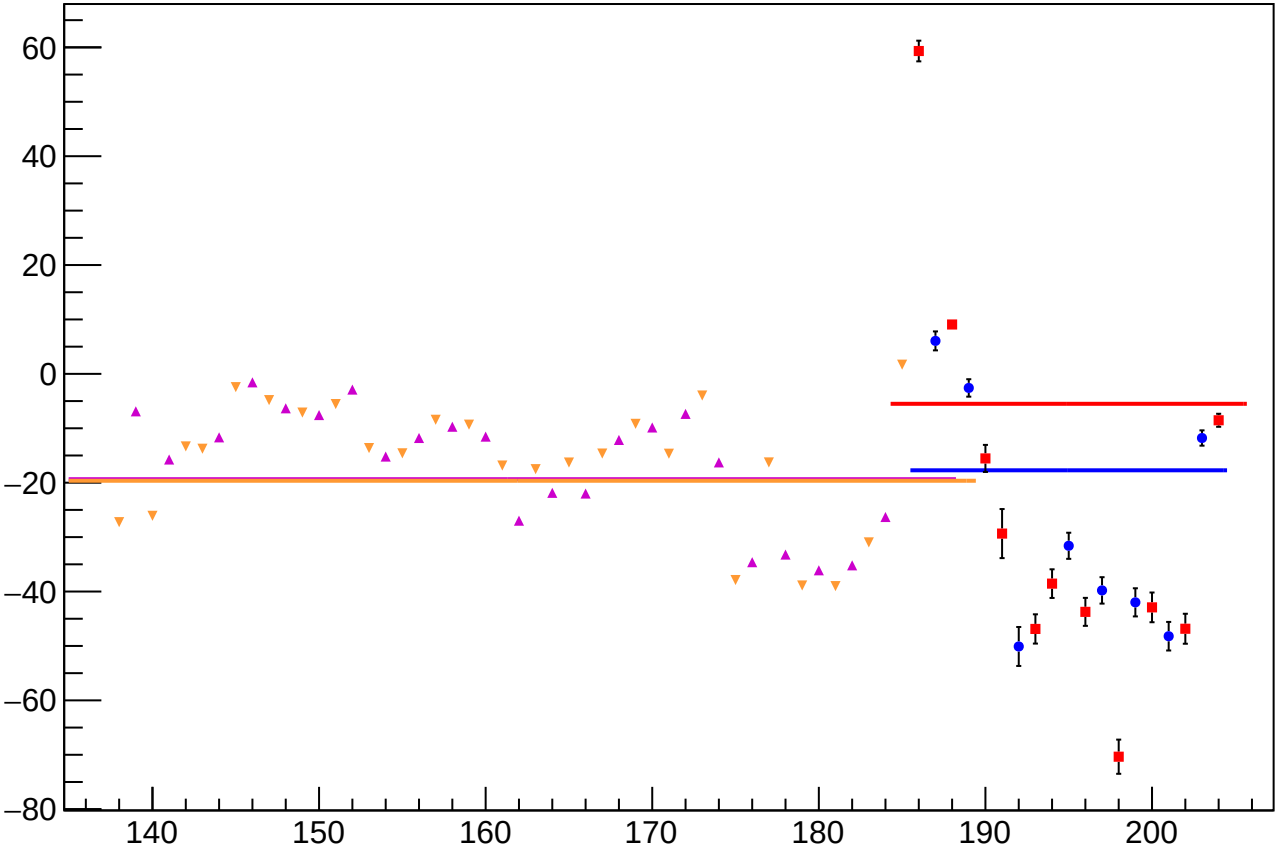
Right: 0.149+/-0.004 χ^2/NDF: 2501.6/53

In: 0.017+/-0.001 χ^2/NDF:2759.2/47

Out: 0.021+/-0.001 χ^2/NDF:2825.2/53

All: 0.019+/-0.001 χ^2/NDF: 5589.6/101

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.722+/-0.718 χ^2/NDF: 714.0/7

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: -5.502+/-0.544 χ^2/NDF: 2964.0/10

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

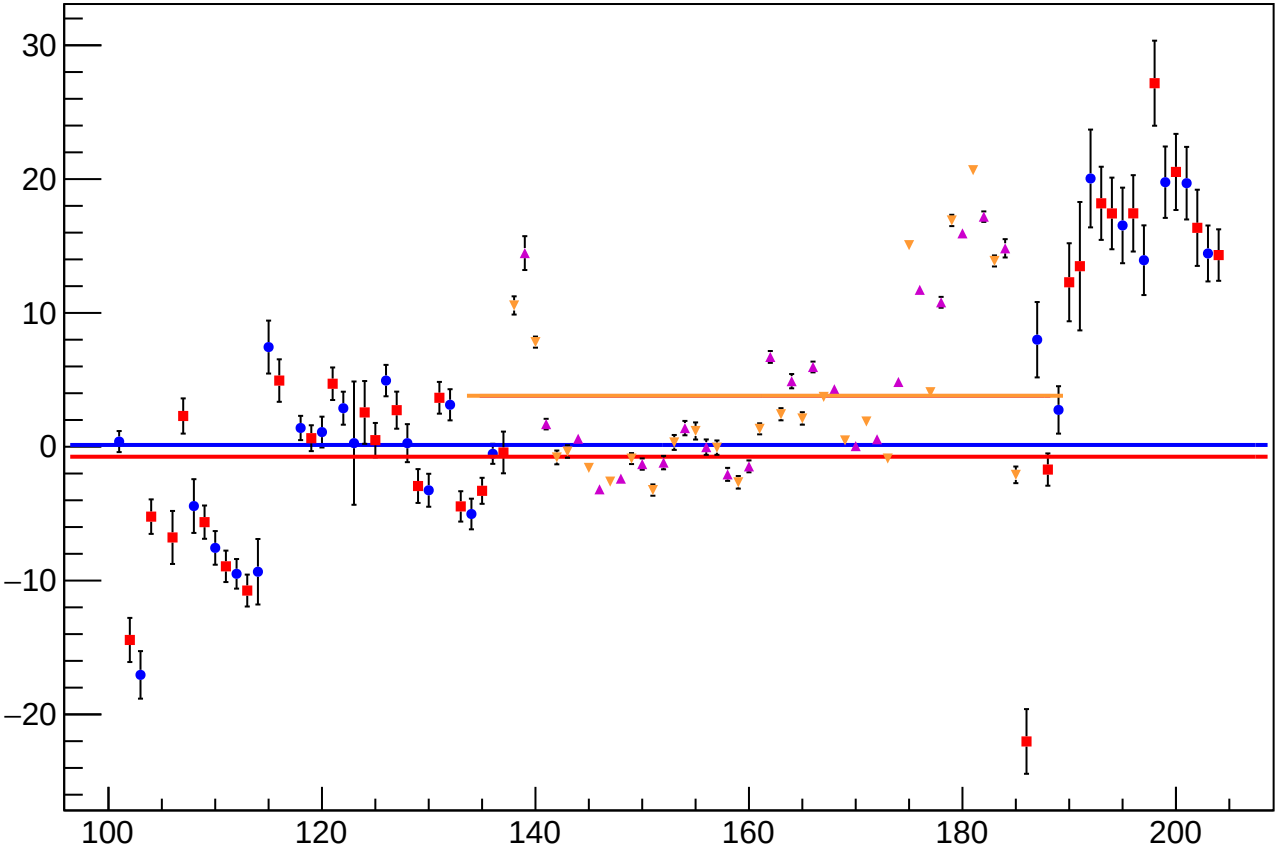
Right: -9.961+/-0.434 χ^2/NDF: 3862.0/18

In: -19.321+/-0.103 χ^2/NDF:13136.2/30

Out: -19.150+/-0.102 χ^2/NDF:19346.4/35

All: -19.234+/-0.072 χ^2/NDF: 32483.9/66

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.134+/-0.275 χ^2/NDF: 555.0/24

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -0.745+/-0.278 χ^2/NDF: 780.9/28

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

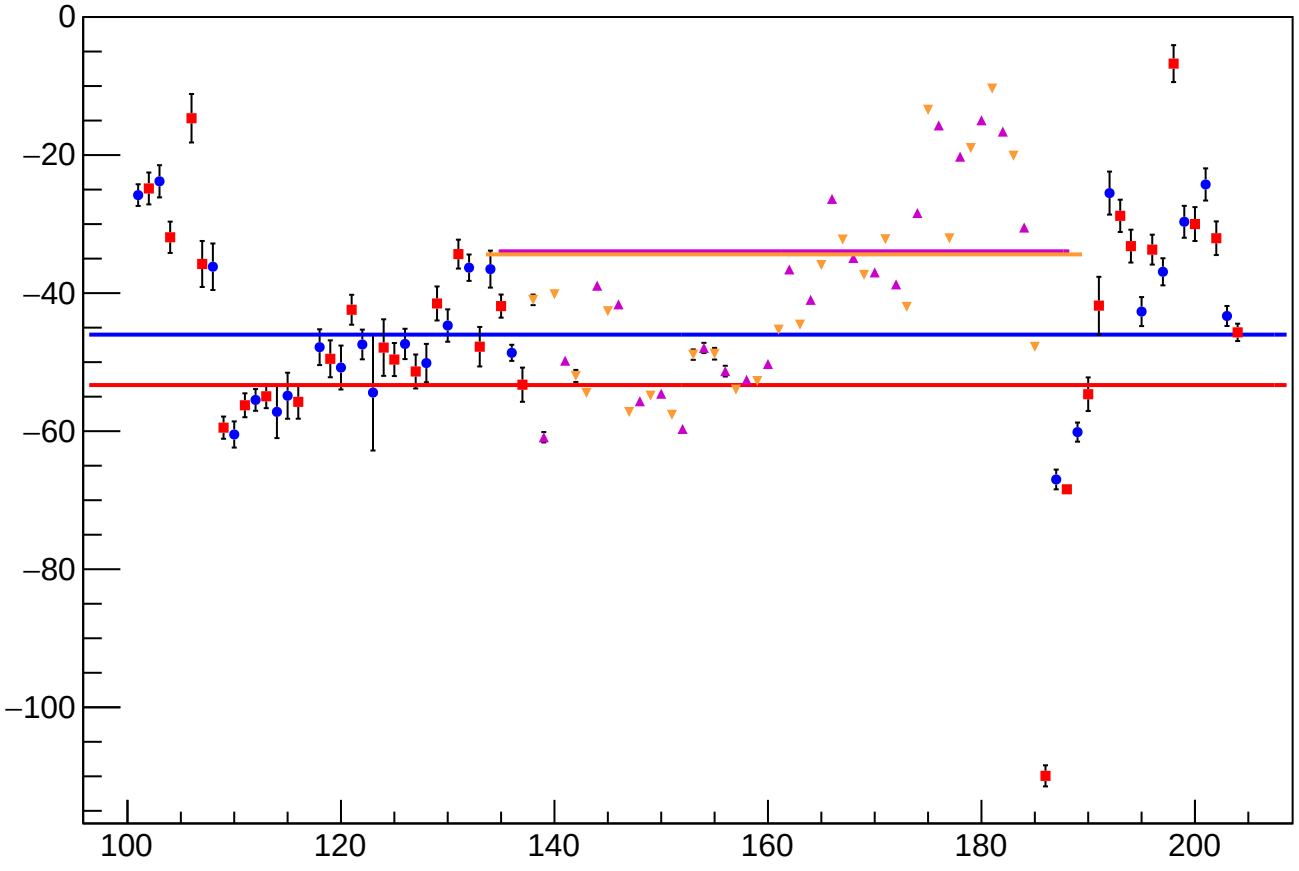
Right: -0.301+/-0.196 χ^2/NDF: 1341.0/53

In: 3.488+/-0.080 χ^2/NDF:6251.4/47

Out: 3.444+/-0.079 χ^2/NDF:8146.2/53

All: 3.466+/-0.056 χ^2/NDF: 14397.7/101

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.012+/-0.405 χ^2/NDF: 952.7/24

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -53.318+/-0.353 χ^2/NDF: 3234.5/28

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

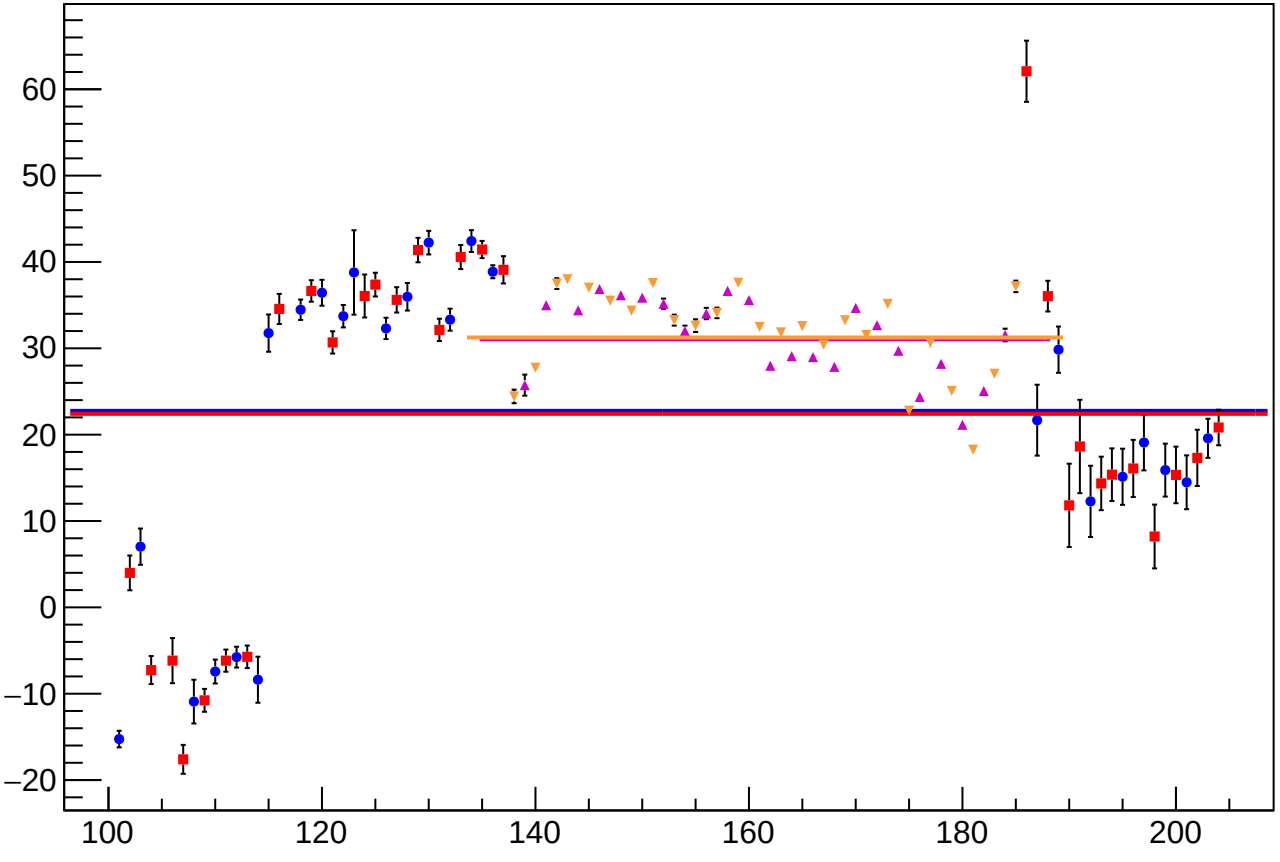
Right: -50.161+/-0.266 χ^2/NDF: 4372.4/53

In: -34.706+/-0.101 χ^2/NDF:19641.8/47

Out: -35.905+/-0.100 χ^2/NDF:25914.8/53

All: -35.315+/-0.071 χ^2/NDF: 45627.6/101

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.757+/-0.312 χ^2/NDF: 4381.3/24

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.412+/-0.318 χ^2/NDF: 4254.8/28

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

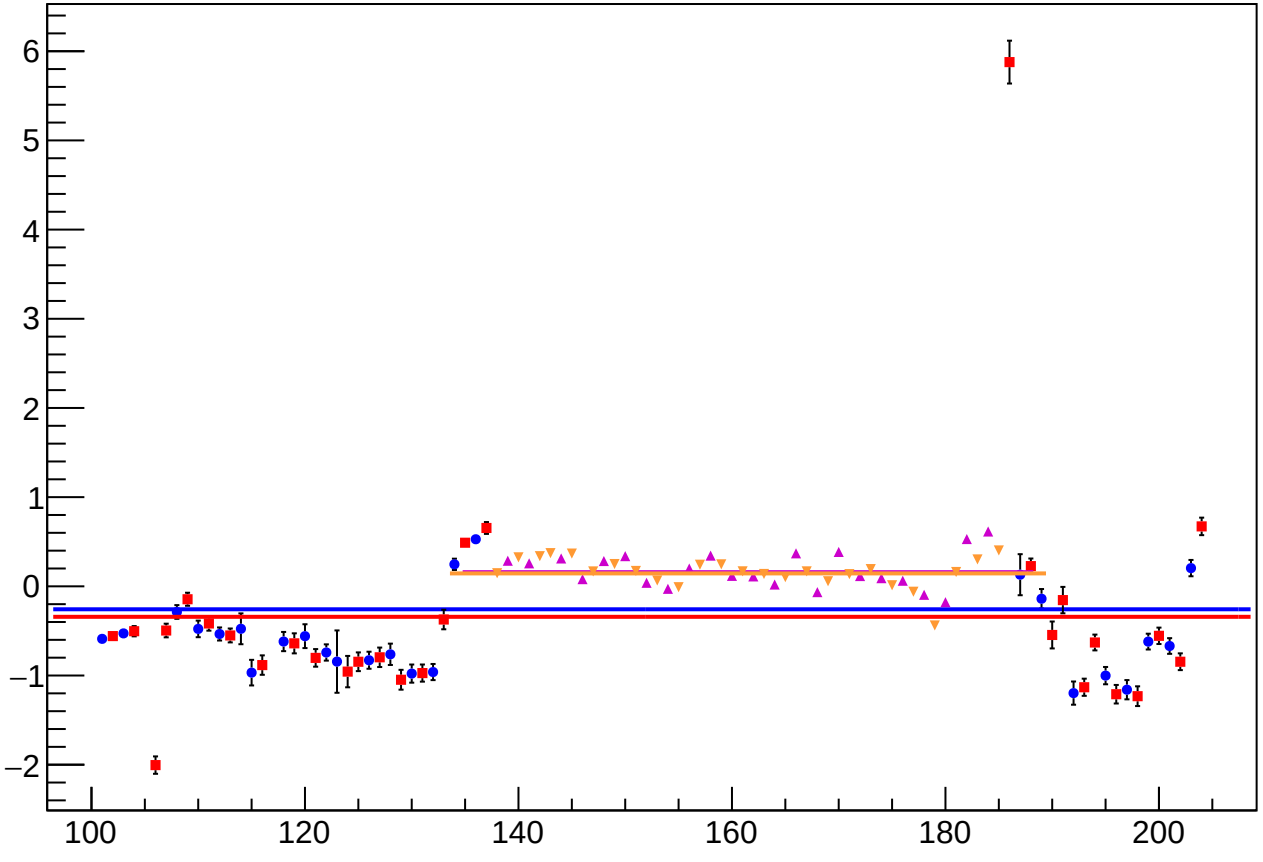
Right: 22.588+/-0.223 χ^2/NDF: 8636.6/53

In: 30.354+/-0.090 χ^2/NDF:7515.5/47

Out: 30.560+/-0.089 χ^2/NDF:8274.1/53

All: 30.458+/-0.063 χ^2/NDF: 15792.3/101

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.257+/-0.016 χ^2/NDF: 1264.9/24

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.342+/-0.016 χ^2/NDF: 2250.6/28

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

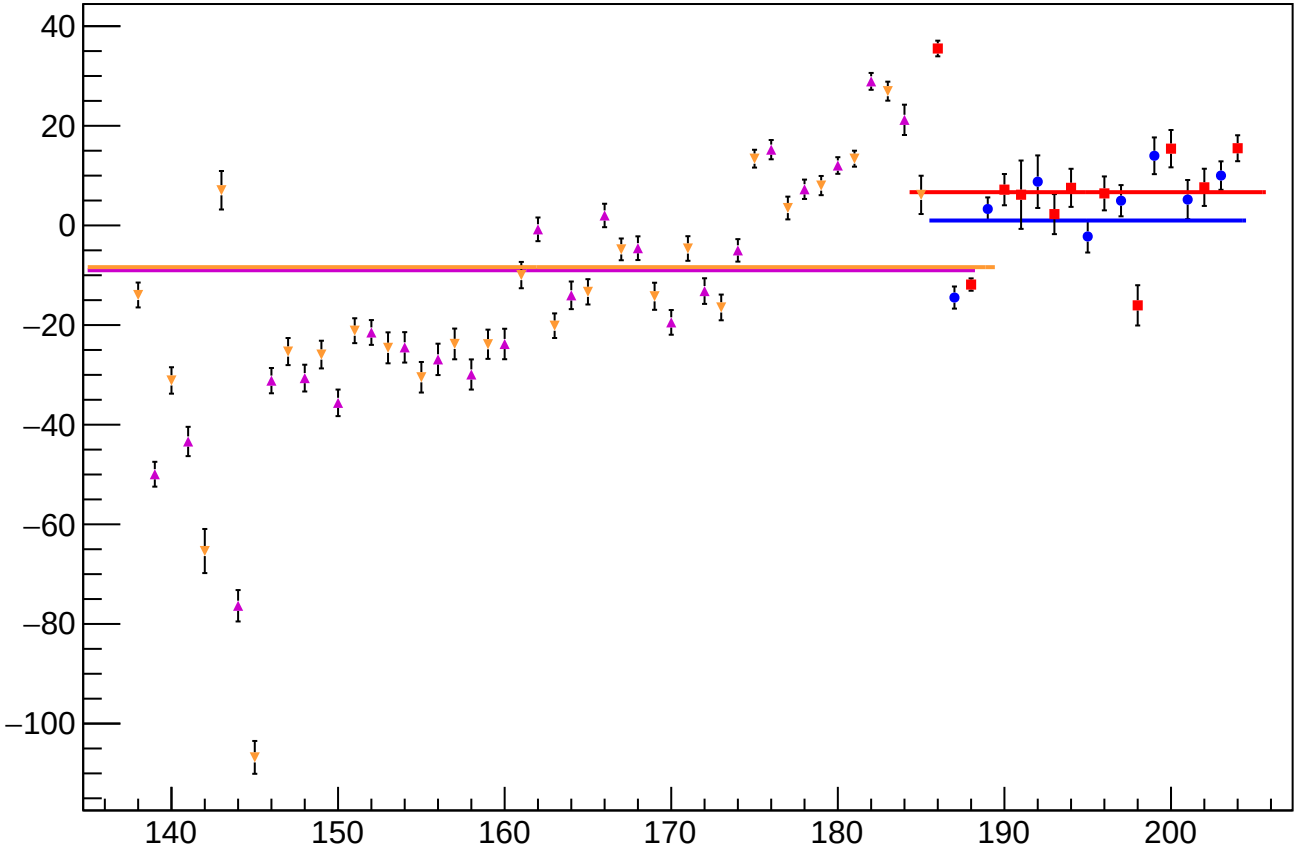
Right: -0.300+/-0.011 χ^2/NDF: 3529.5/53

In: 0.131+/-0.004 χ^2/NDF:3918.0/47

Out: 0.112+/-0.004 χ^2/NDF:4707.5/53

All: 0.121+/-0.003 χ^2/NDF: 8636.0/101

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.987+/-1.064 χ^2/NDF: 77.9/7

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 6.676+/-0.756 χ^2/NDF: 610.9/10

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

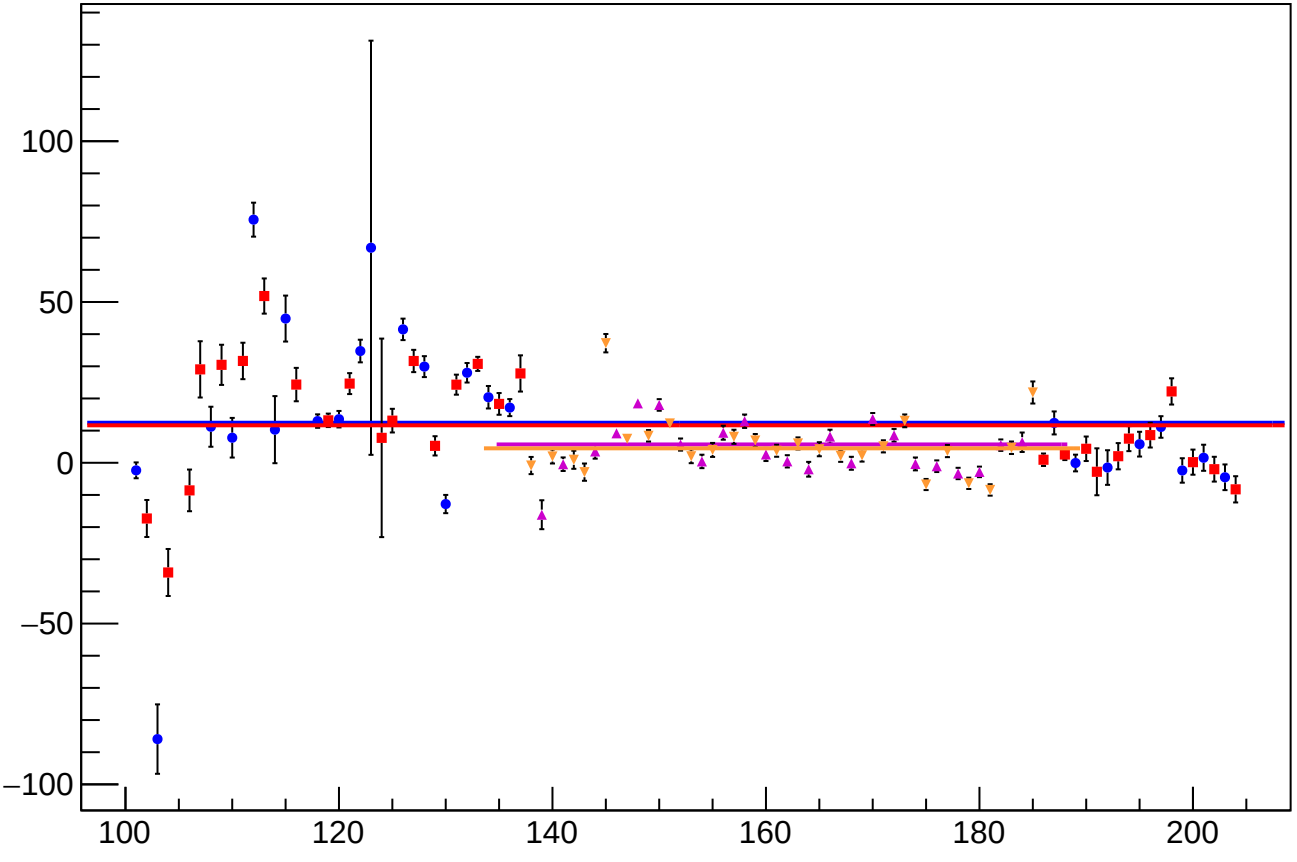
Right: 4.767+/-0.617 χ^2/NDF: 707.8/18

In: -7.160+/-0.456 χ^2/NDF:2457.9/30

Out: -3.795+/-0.417 χ^2/NDF:3110.4/35

All: -5.327+/-0.308 χ^2/NDF: 5597.9/66

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.449+/-0.707 χ^2/NDF: 616.2/24

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 11.654+/-0.650 χ^2/NDF: 443.0/28

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

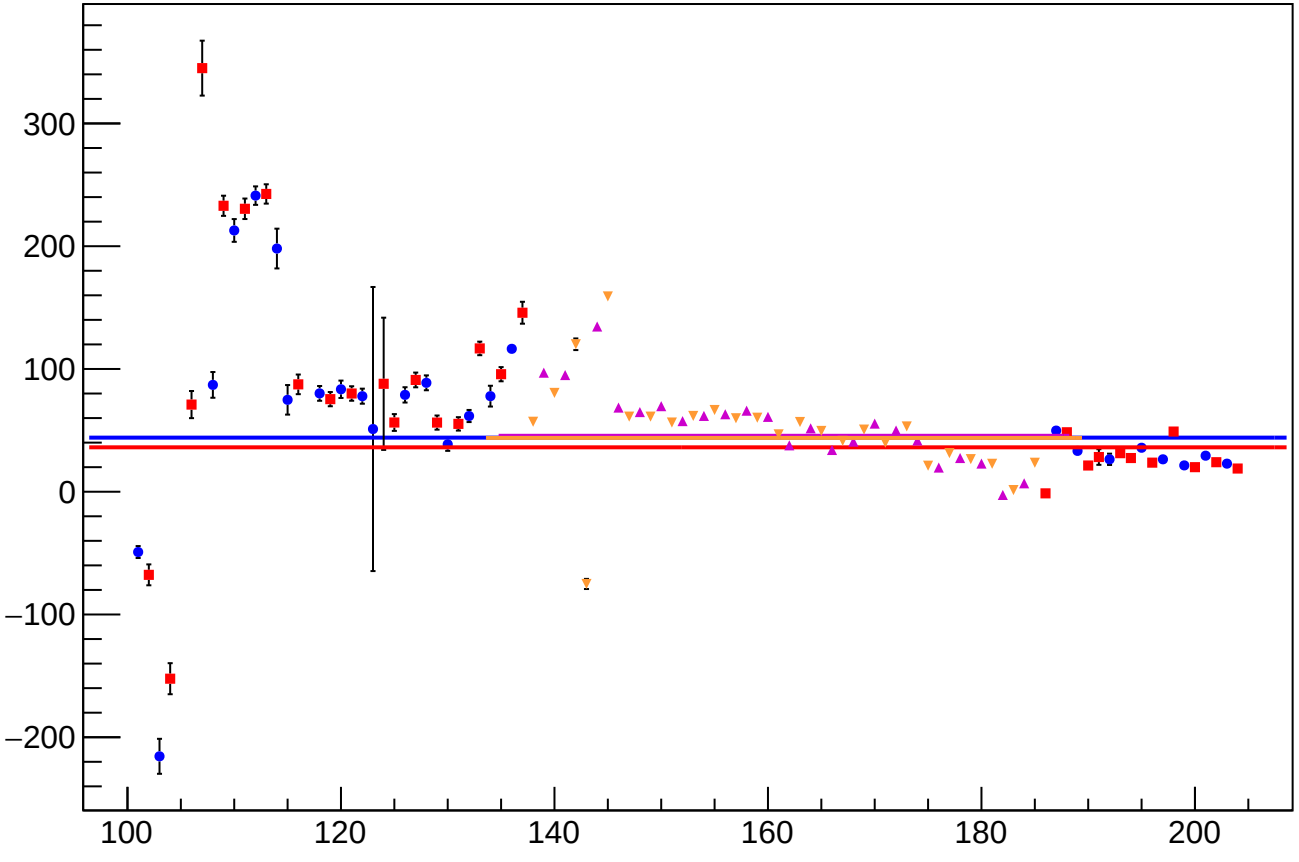
Right: 12.018+/-0.478 χ^2/NDF: 1059.9/53

In: 7.357+/-0.350 χ^2/NDF:1014.1/47

Out: 6.410+/-0.336 χ^2/NDF:904.1/53

All: 6.864+/-0.243 χ^2/NDF: 1922.0/101

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.073+/-0.801 χ^2/NDF: 2588.2/24

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 36.175+/-0.598 χ^2/NDF: 4289.9/28

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

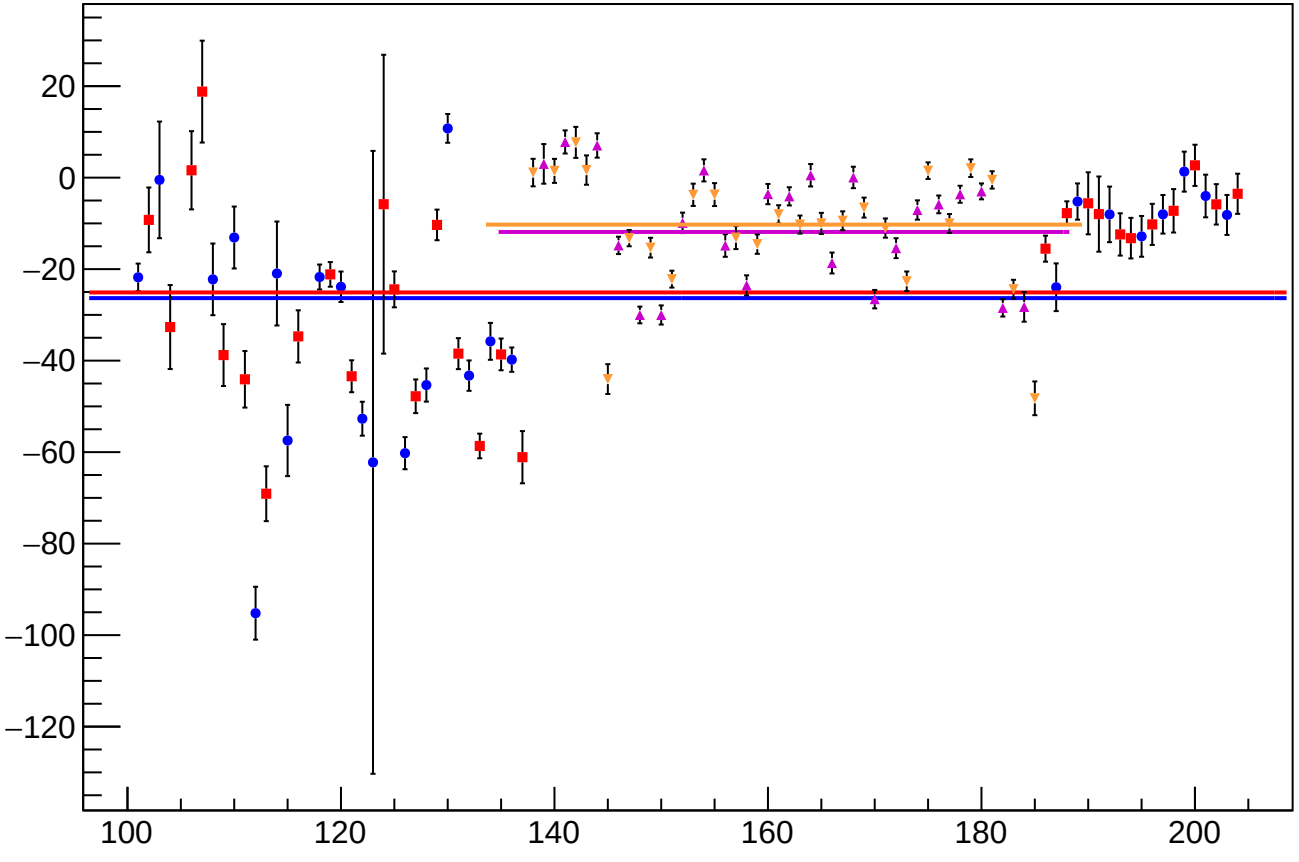
Right: 39.001+/-0.479 χ^2/NDF: 6940.5/53

In: 45.139+/-0.426 χ^2/NDF:5743.1/47

Out: 40.693+/-0.383 χ^2/NDF:8067.6/53

All: 42.683+/-0.285 χ^2/NDF: 13870.9/101

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.334+/-0.832 χ^2/NDF: 686.2/24

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -25.095+/-0.790 χ^2/NDF: 605.1/28

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

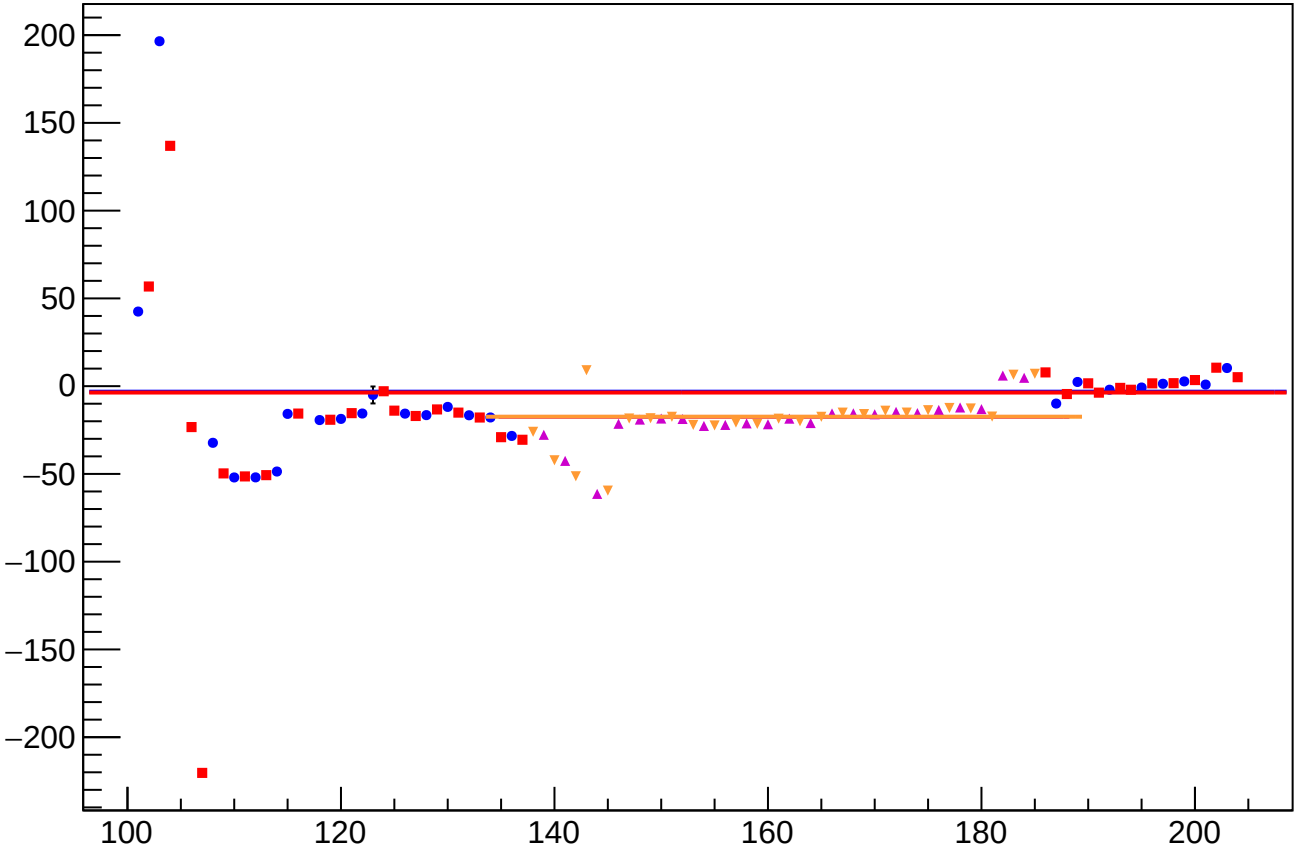
Right: -25.682+/-0.573 χ^2/NDF: 1292.4/53

In: -15.200+/-0.399 χ^2/NDF:1587.0/47

Out: -13.838+/-0.388 χ^2/NDF:1426.2/53

All: -14.499+/-0.278 χ^2/NDF: 3019.3/101

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.147+/-0.040 χ^2/NDF: 598247.5/24

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -3.635+/-0.037 χ^2/NDF: 600770.3/28

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

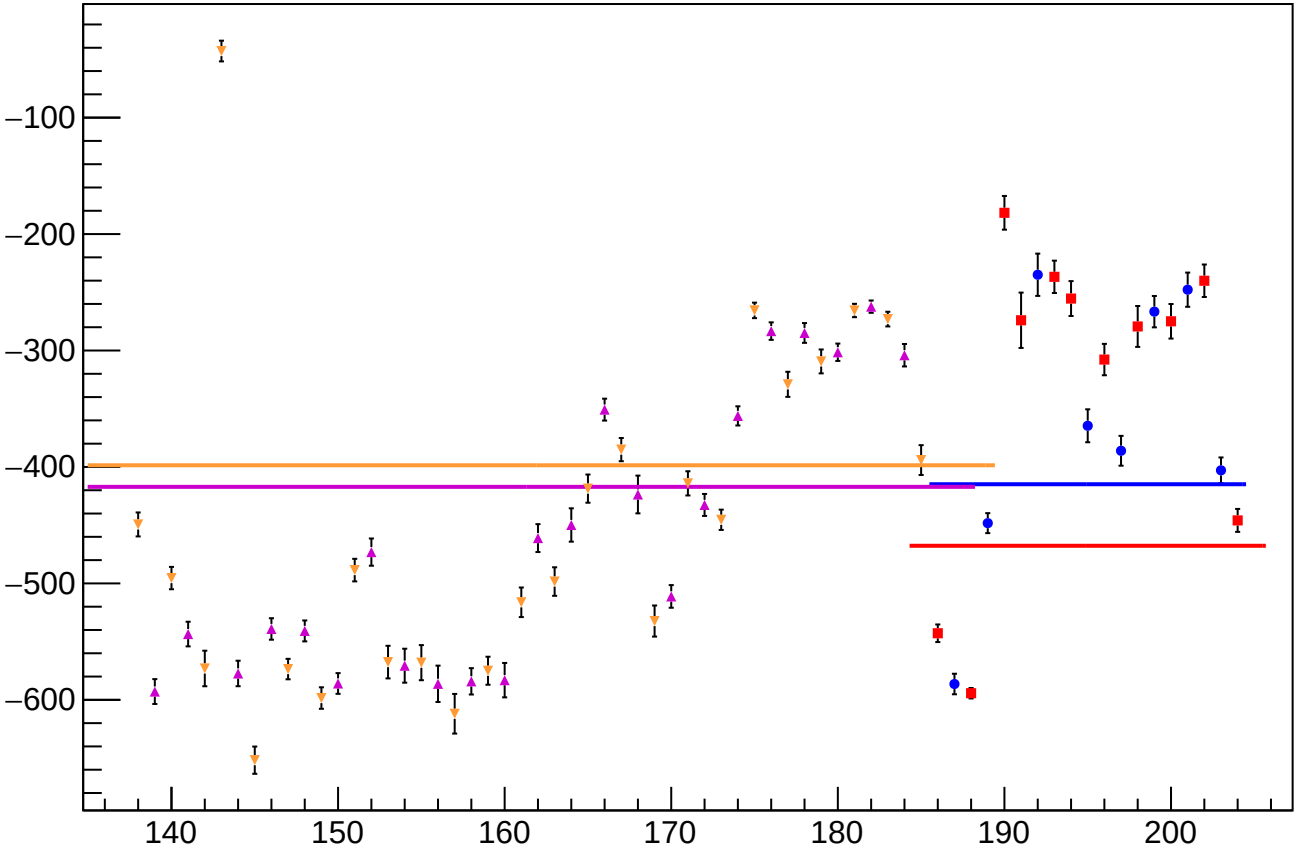
Right: -3.412+/-0.027 χ^2/NDF: 1199098.7/53

In: -14.534+/-0.018 χ^2/NDF:962700.6/47

Out: -14.154+/-0.018 χ^2/NDF:1028508.4/53

All: -14.340+/-0.013 χ^2/NDF: 1991429.6/101

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -414.838+/-4.120 χ^2/NDF: 761.2/7

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -467.679+/-2.986 χ^2/NDF: 2526.0/10

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

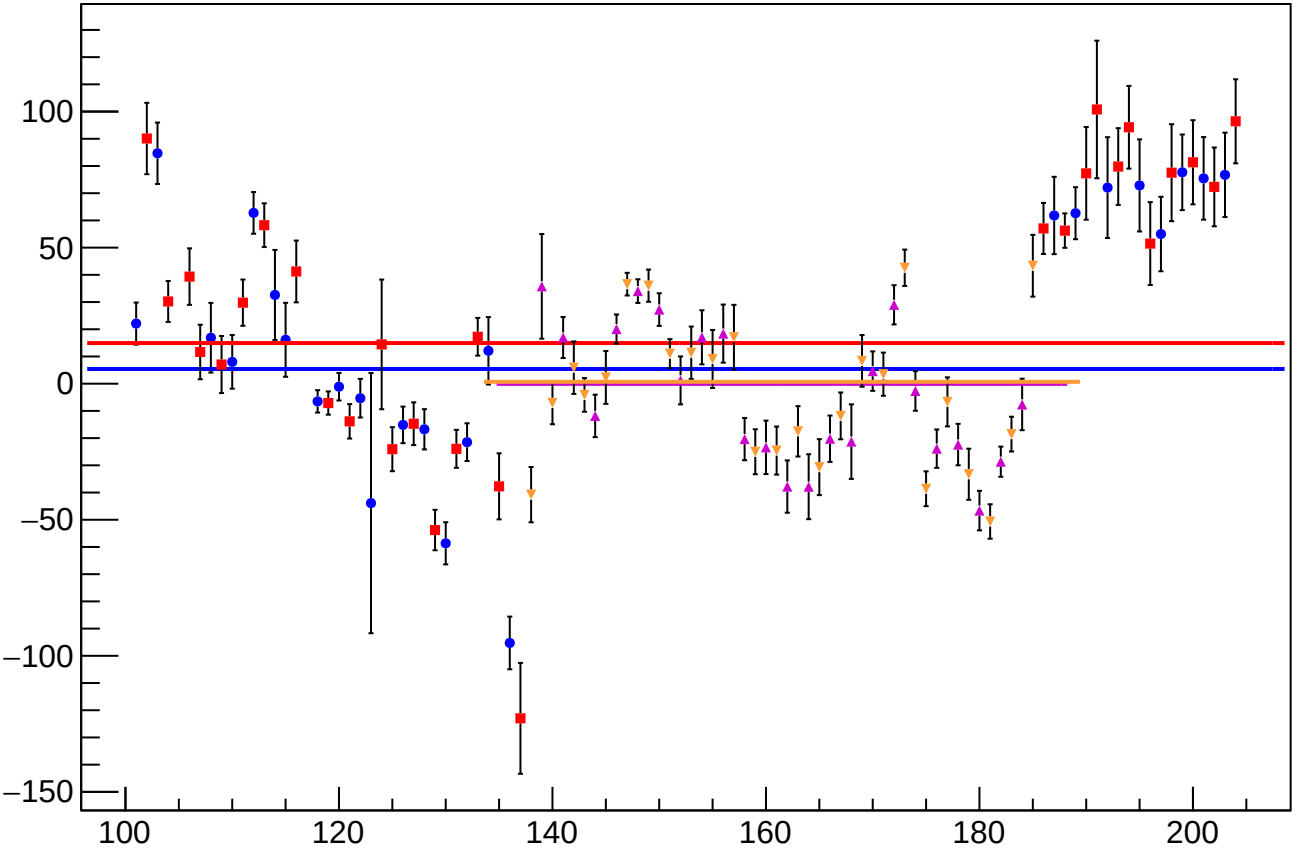
Right: -449.481+/-2.418 χ^2/NDF: 3395.1/18

In: -416.653+/-1.797 χ^2/NDF:4720.0/30

Out: -419.394+/-1.639 χ^2/NDF:8559.9/35

All: -418.149+/-1.211 χ^2/NDF: 13281.2/66

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.411+/-1.763 χ^2/NDF: 501.1/24

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 14.934+/-1.710 χ^2/NDF: 562.9/28

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

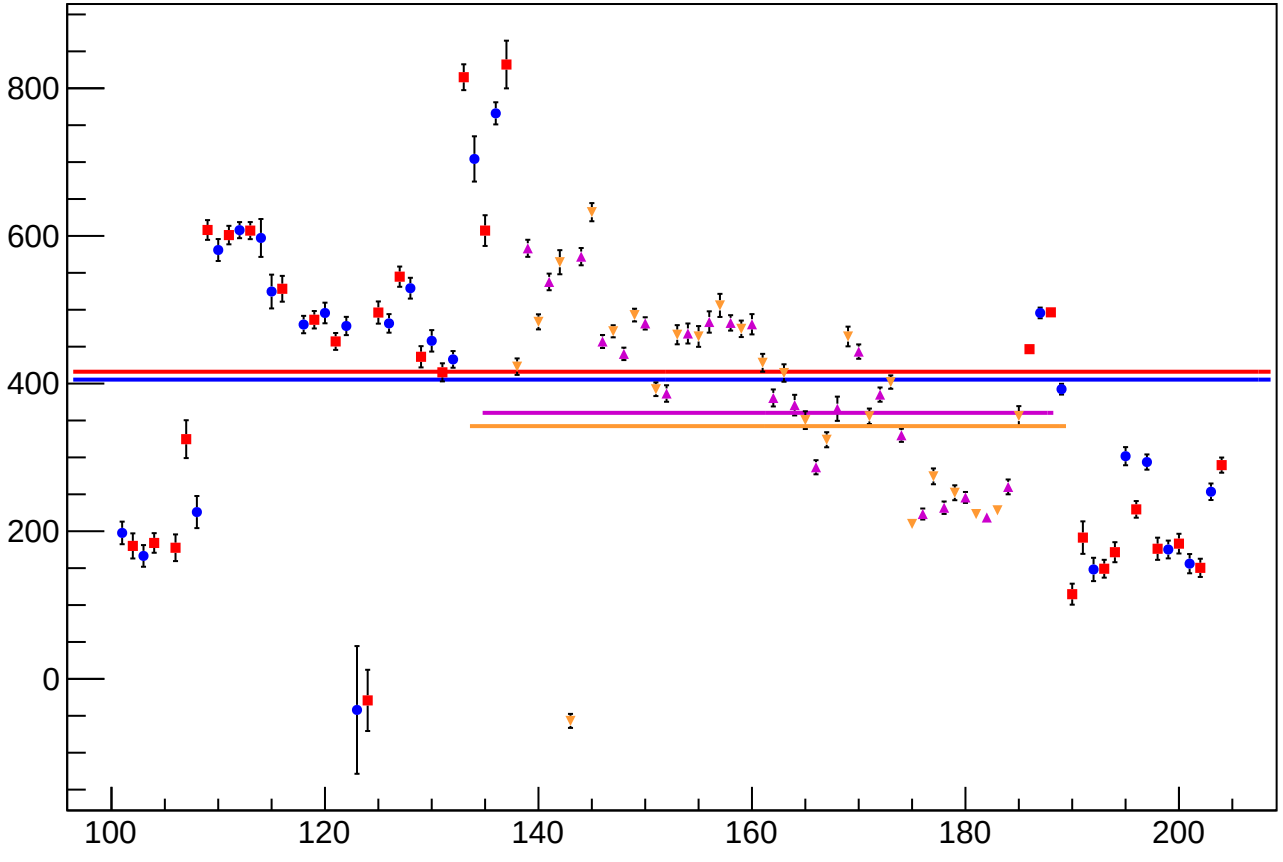
Right: 10.317+/-1.228 χ^2/NDF: 1079.0/53

In: 2.366+/-1.173 χ^2/NDF:770.5/47

Out: 6.934+/-1.132 χ^2/NDF:951.7/53

All: 4.731+/-0.815 χ^2/NDF: 1730.1/101

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 405.368+/-2.544 χ^2/NDF: 3561.4/24

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 416.064+/-2.055 χ^2/NDF: 5808.7/28

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

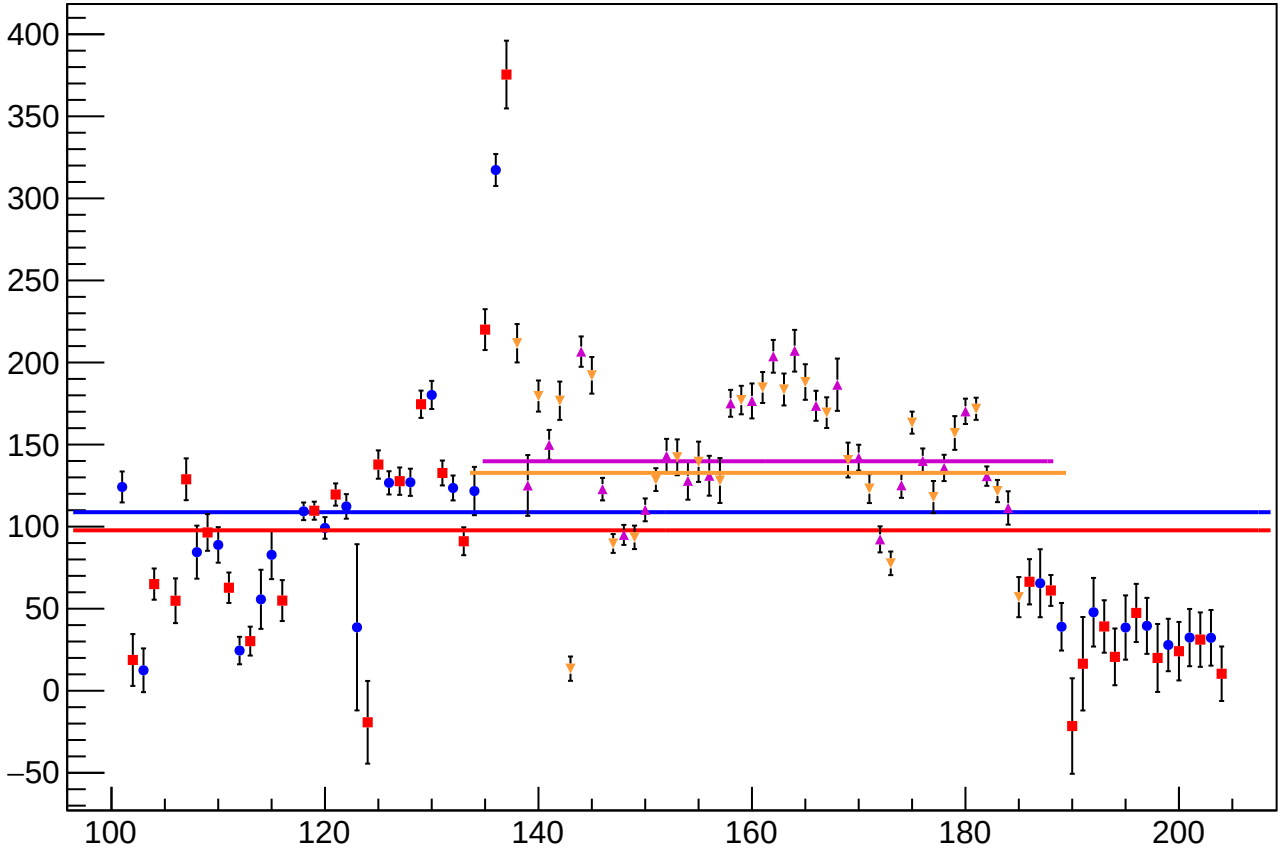
Right: 411.841+/-1.598 χ^2/NDF: 9380.8/53

In: 377.504+/-1.570 χ^2/NDF:7205.1/47

Out: 377.662+/-1.422 χ^2/NDF:11660.8/53

All: 377.591+/-1.054 χ^2/NDF: 18865.9/101

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 108.796+/-2.067 χ^2/NDF: 853.6/24

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 97.748+/-2.014 χ^2/NDF: 754.7/28

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

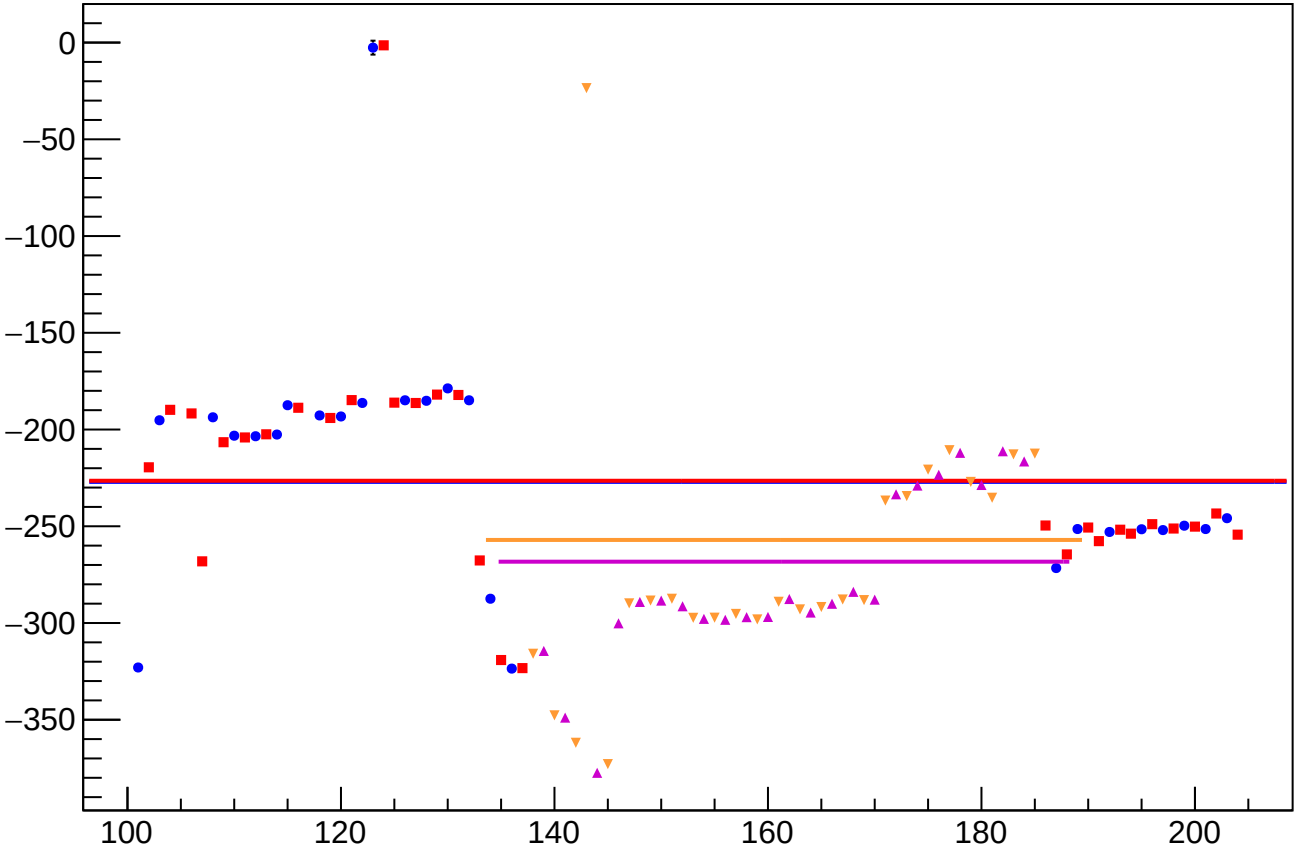
Right: 103.130+/-1.443 χ^2/NDF: 1623.0/53

In: 126.532+/-1.353 χ^2/NDF:1304.1/47

Out: 117.843+/-1.315 χ^2/NDF:1677.7/53

All: 122.063+/-0.943 χ^2/NDF: 3003.0/101

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -227.057+/-0.114 χ^2/NDF: 166629.2/24

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -226.480+/-0.105 χ^2/NDF: 147248.6/28

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

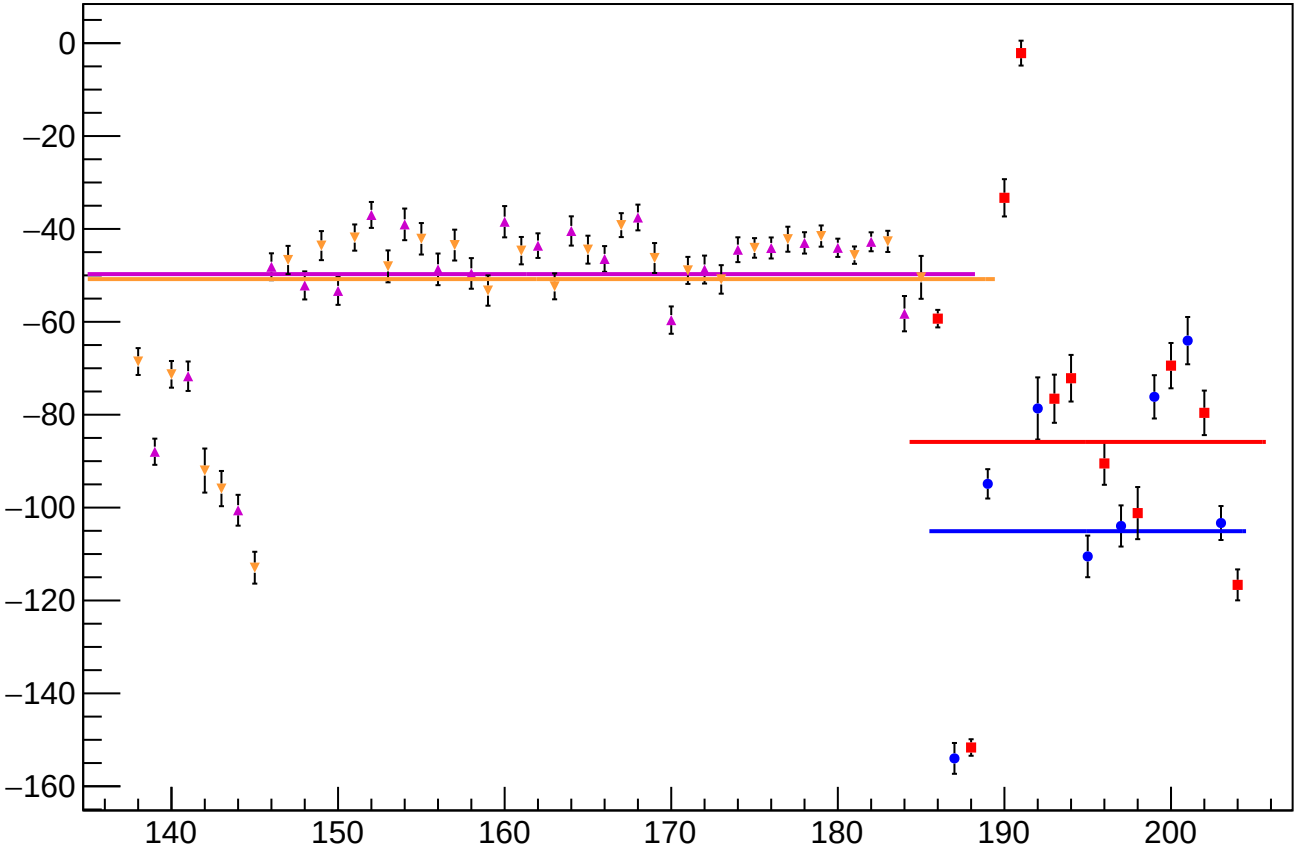
Right: -226.745+/-0.077 χ^2/NDF: 313891.7/53

In: -253.909+/-0.067 χ^2/NDF:517127.2/47

Out: -245.409+/-0.065 χ^2/NDF:865687.4/53

All: -249.501+/-0.047 χ^2/NDF: 1391116.6/10

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -105.079+/-1.453 χ^2/NDF: 348.6/7

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -85.859+/-0.941 χ^2/NDF: 2828.9/10

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

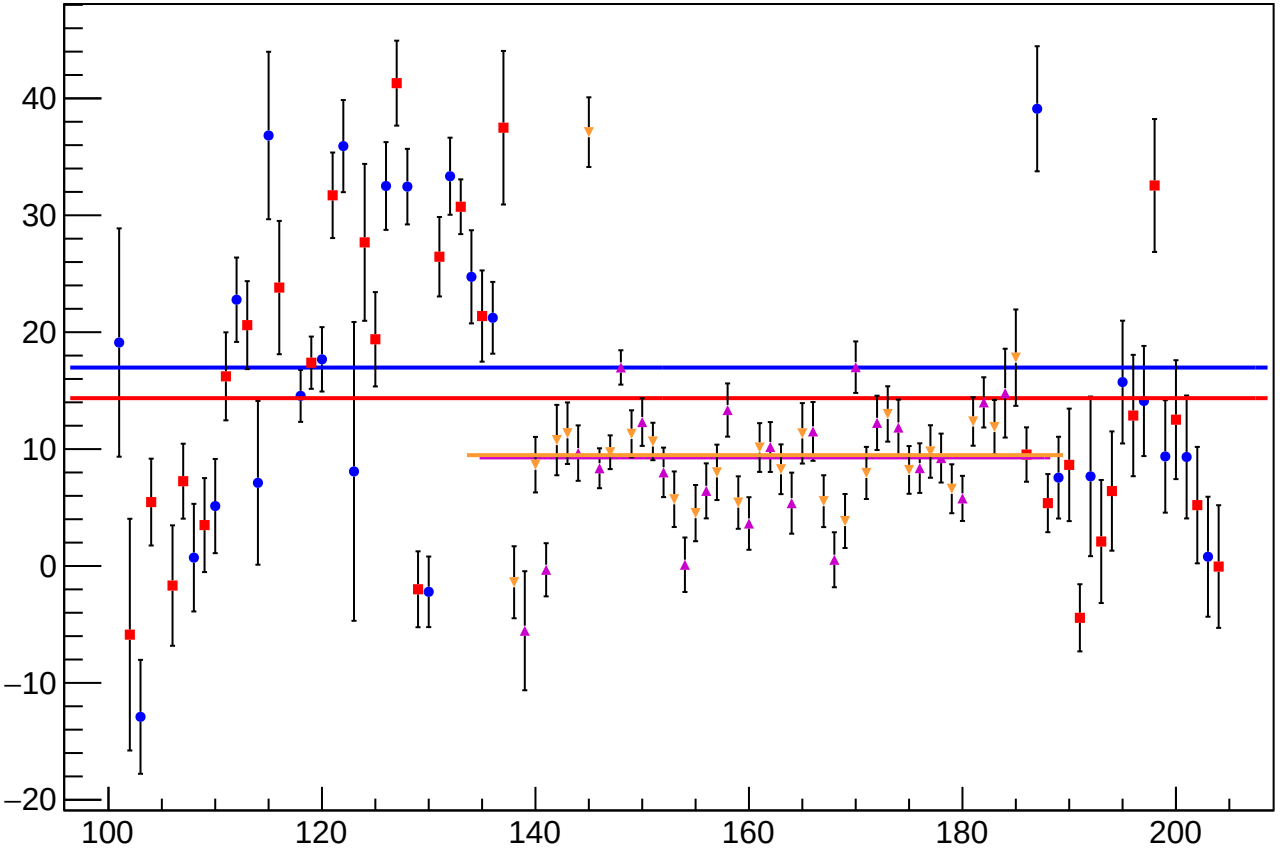
Right: -91.535+/-0.790 χ^2/NDF: 3300.8/18

In: -57.365+/-0.540 χ^2/NDF:2199.8/30

Out: -60.306+/-0.490 χ^2/NDF:4593.4/35

All: -58.978+/-0.363 χ^2/NDF: 6809.5/66

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.975+/-0.802 χ^2/NDF: 247.9/24

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.357+/-0.689 χ^2/NDF: 315.6/28

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

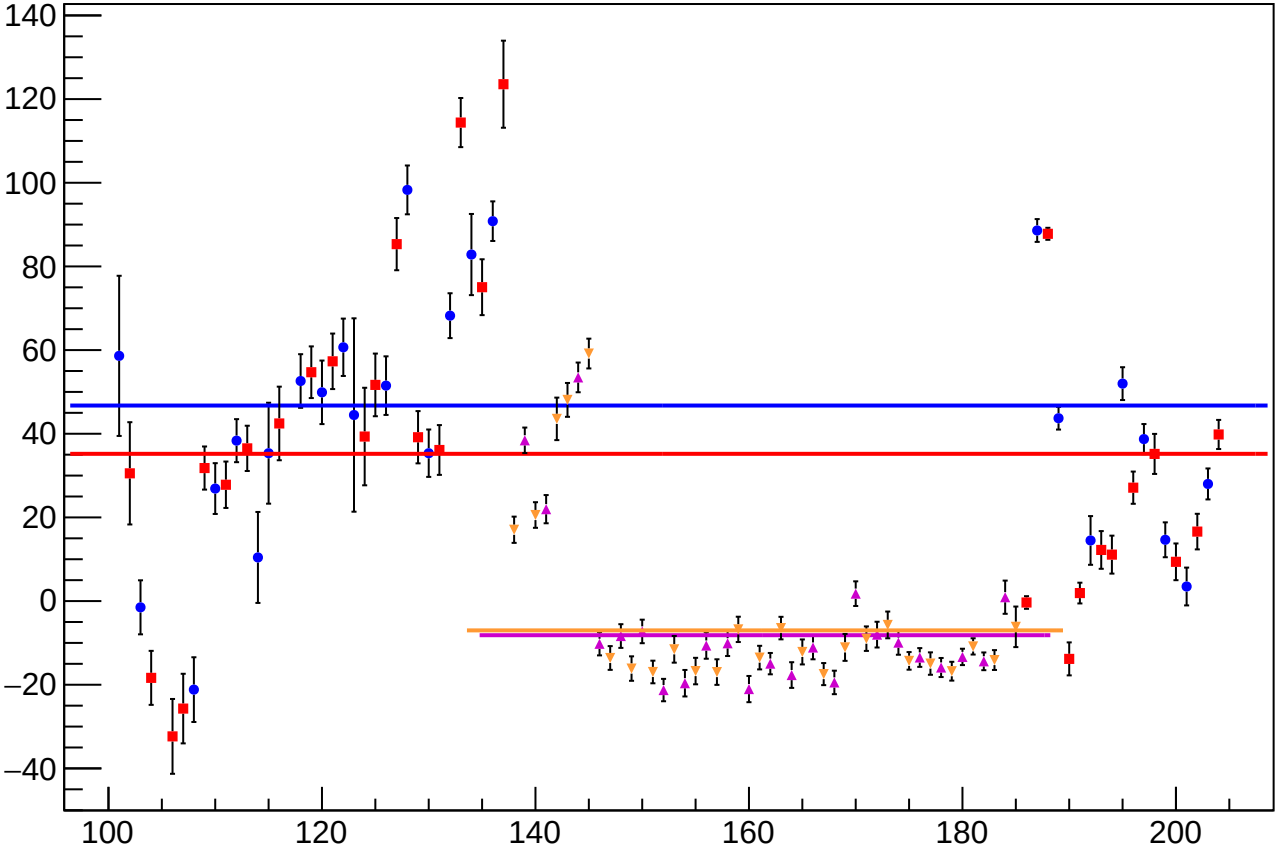
Right: 15.469+/-0.522 χ^2/NDF: 569.6/53

In: 11.197+/-0.399 χ^2/NDF:442.6/47

Out: 10.926+/-0.375 χ^2/NDF:483.9/53

All: 11.053+/-0.273 χ^2/NDF: 926.8/101

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 46.745+/-1.010 χ^2/NDF: 813.6/24

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 35.200+/-0.718 χ^2/NDF: 2907.0/28

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

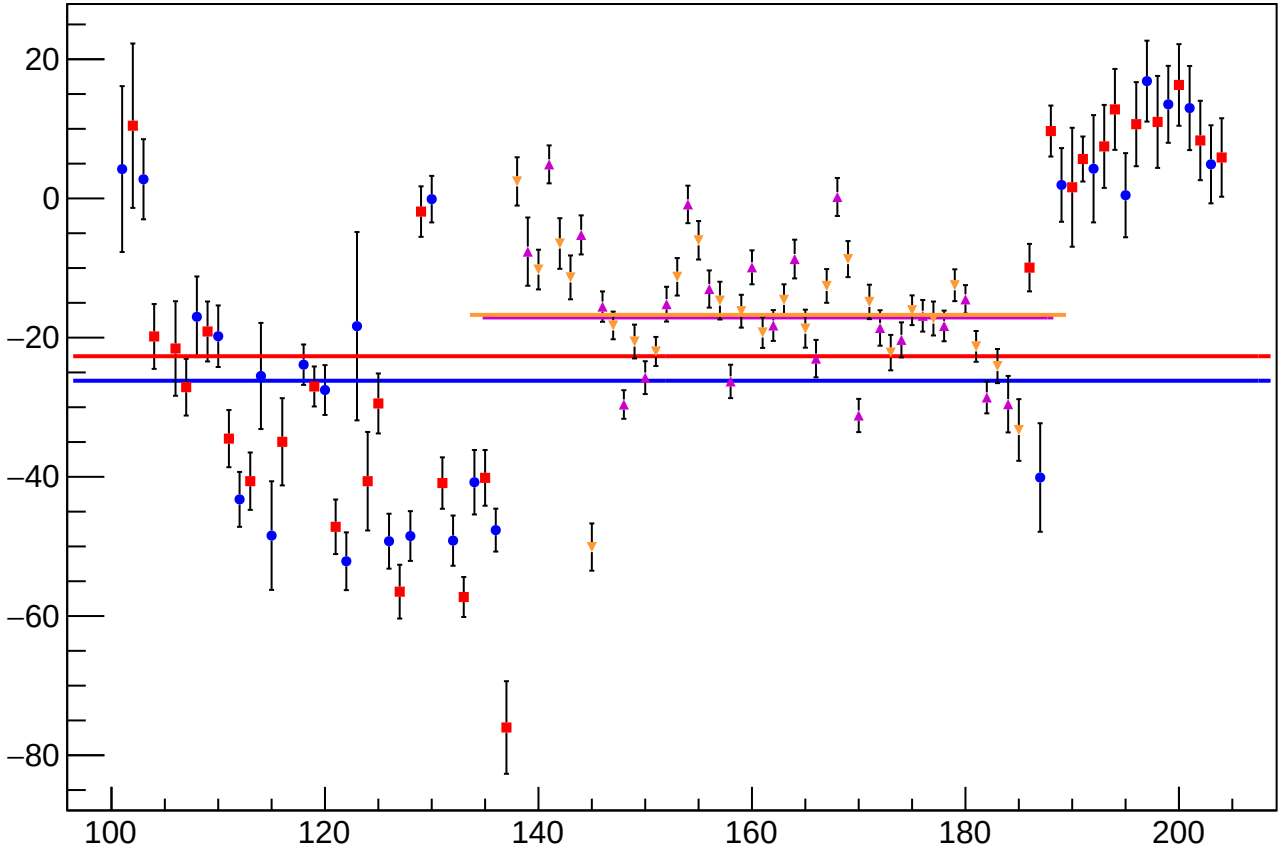
Right: 39.080+/-0.585 χ^2/NDF: 3807.4/53

In: 5.380+/-0.501 χ^2/NDF:3794.9/47

Out: 9.368+/-0.447 χ^2/NDF:5919.2/53

All: 7.600+/-0.334 χ^2/NDF: 9749.3/101

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.193+/-0.931 χ^2/NDF: 582.0/24

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -22.671+/-0.821 χ^2/NDF: 849.1/28

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

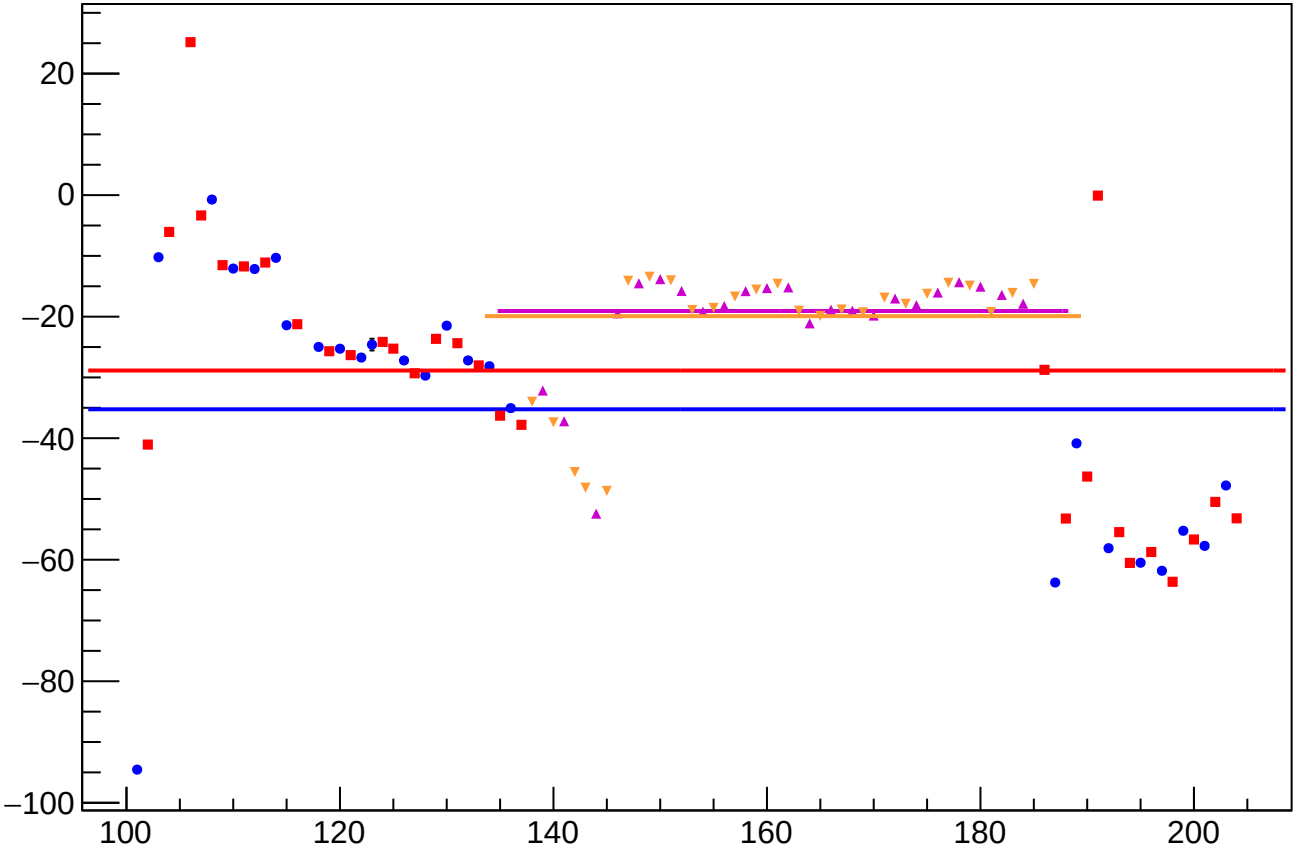
Right: -24.213+/-0.616 χ^2/NDF: 1439.2/53

In: -19.267+/-0.454 χ^2/NDF:982.8/47

Out: -18.372+/-0.432 χ^2/NDF:1110.4/53

All: -18.797+/-0.313 χ^2/NDF: 2095.2/101

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -35.245+/-0.045 χ^2/NDF: 193132.7/24

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -28.865+/-0.038 χ^2/NDF: 406773.4/28

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

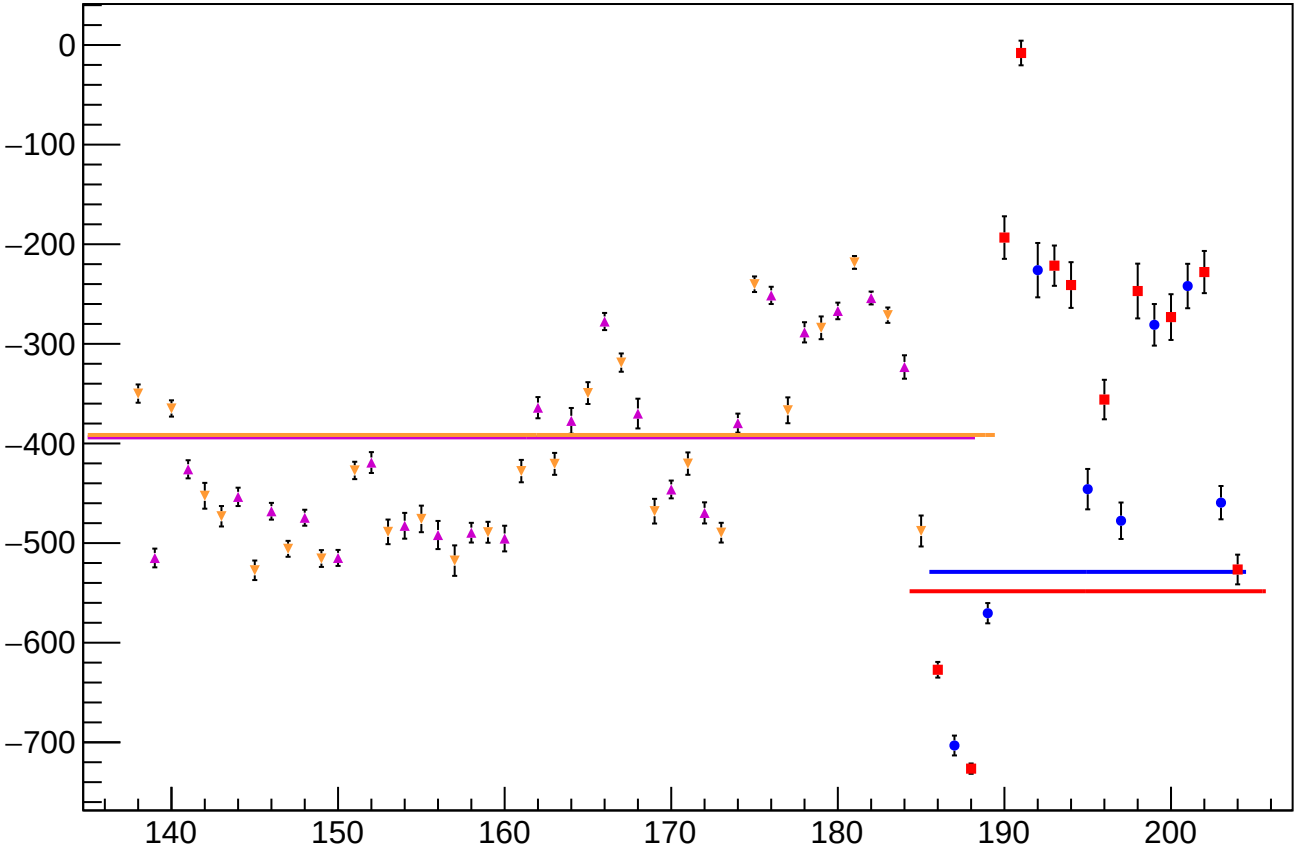
Right: -31.484+/-0.029 χ^2/NDF: 611632.6/53

In: -22.523+/-0.021 χ^2/NDF:386416.7/47

Out: -22.390+/-0.020 χ^2/NDF:588540.5/53

All: -22.453+/-0.014 χ^2/NDF: 974978.5/101

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -528.903+/-5.393 χ^2/NDF: 794.5/7

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -548.359+/-3.557 χ^2/NDF: 4497.5/10

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

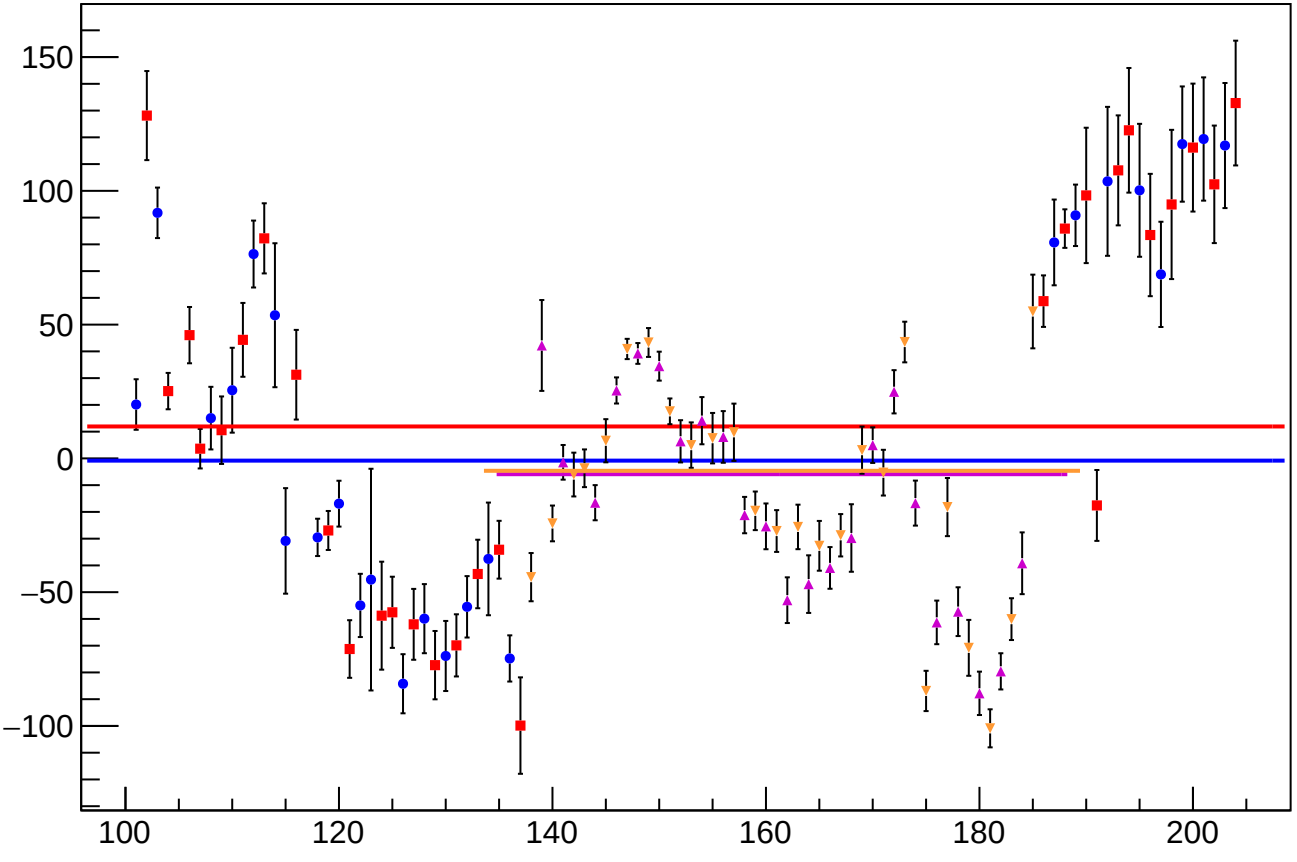
Right: -542.461+/-2.969 χ^2/NDF: 5301.1/18

In: -410.195+/-1.873 χ^2/NDF:3626.3/30

Out: -428.371+/-1.725 χ^2/NDF:8693.8/35

All: -420.031+/-1.269 χ^2/NDF: 12371.0/66

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.834+/-2.564 χ^2/NDF: 616.5/24

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 11.936+/-2.256 χ^2/NDF: 703.9/28

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

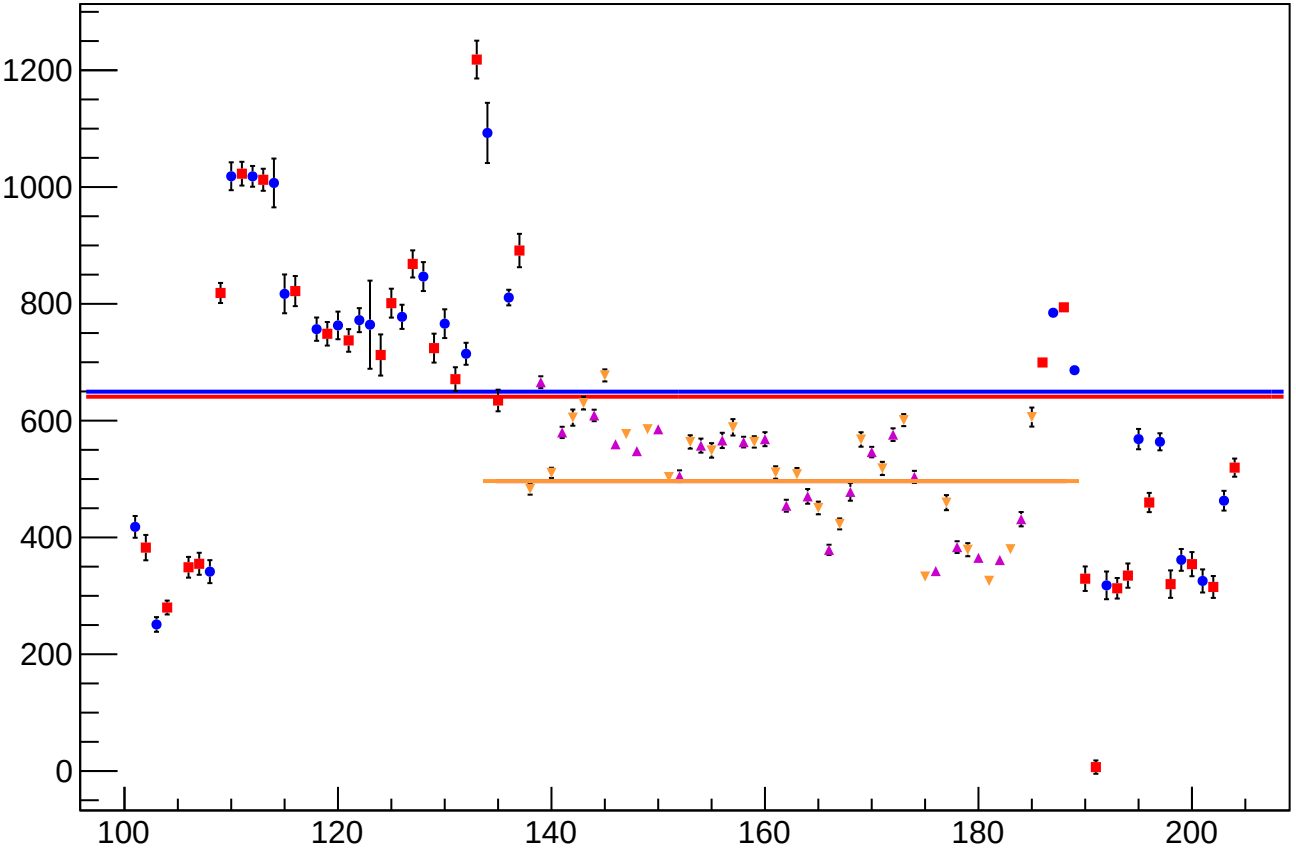
Right: 6.364+/-1.694 χ^2/NDF: 1334.3/53

In: -4.596+/-1.303 χ^2/NDF:1276.9/47

Out: 0.291+/-1.230 χ^2/NDF:1513.2/53

All: -2.012+/-0.895 χ^2/NDF: 2797.6/101

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 649.614+/-3.391 χ^2/NDF: 3784.4/24

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 640.979+/-2.520 χ^2/NDF: 9223.4/28

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

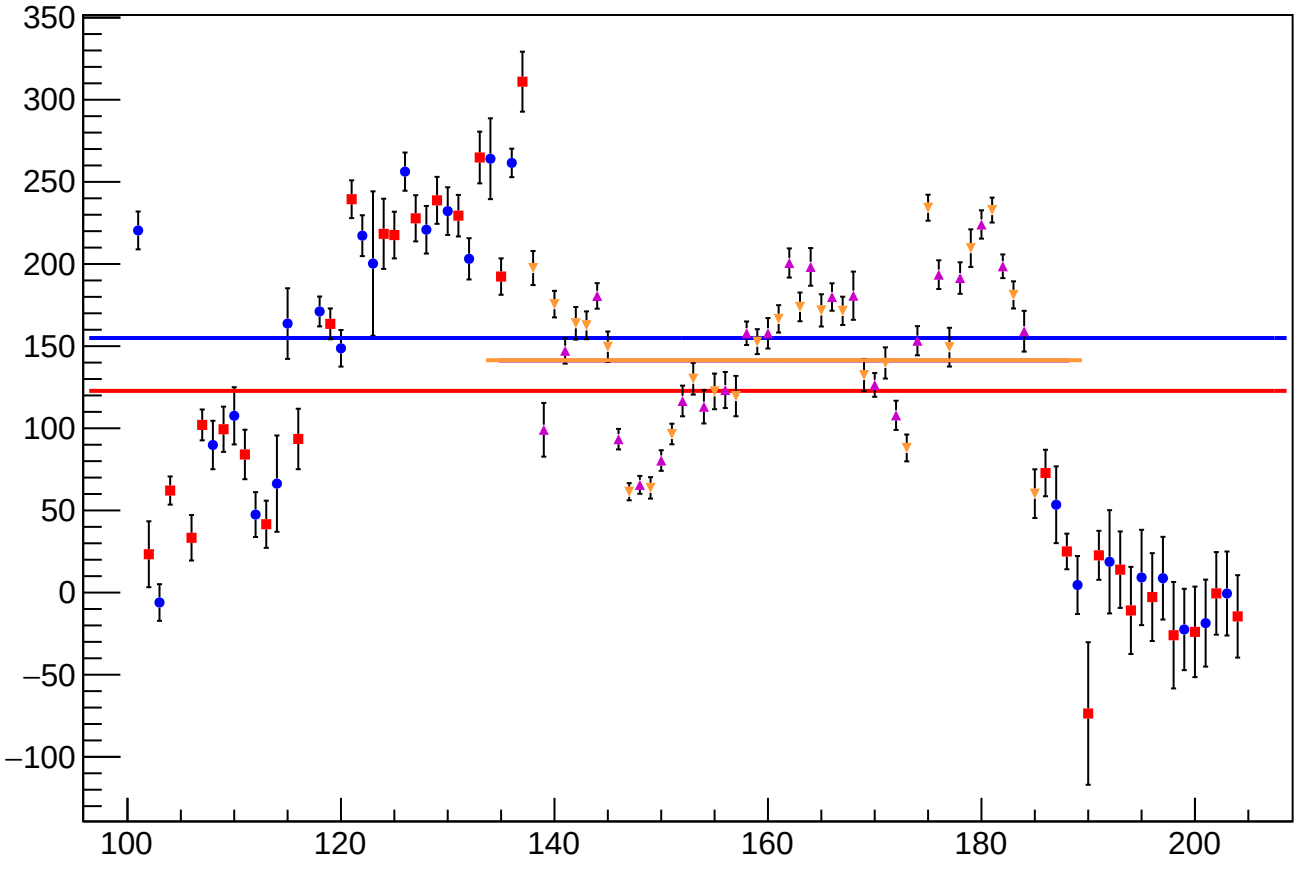
Right: 644.051+/-2.023 χ^2/NDF: 13012.0/53

In: 535.502+/-1.713 χ^2/NDF:7600.3/47

Out: 551.351+/-1.553 χ^2/NDF:13850.4/53

All: 544.204+/-1.151 χ^2/NDF: 21497.7/101

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 154.974+/-3.003 χ^2/NDF: 979.5/24

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 122.787+/-2.710 χ^2/NDF: 1103.6/28

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

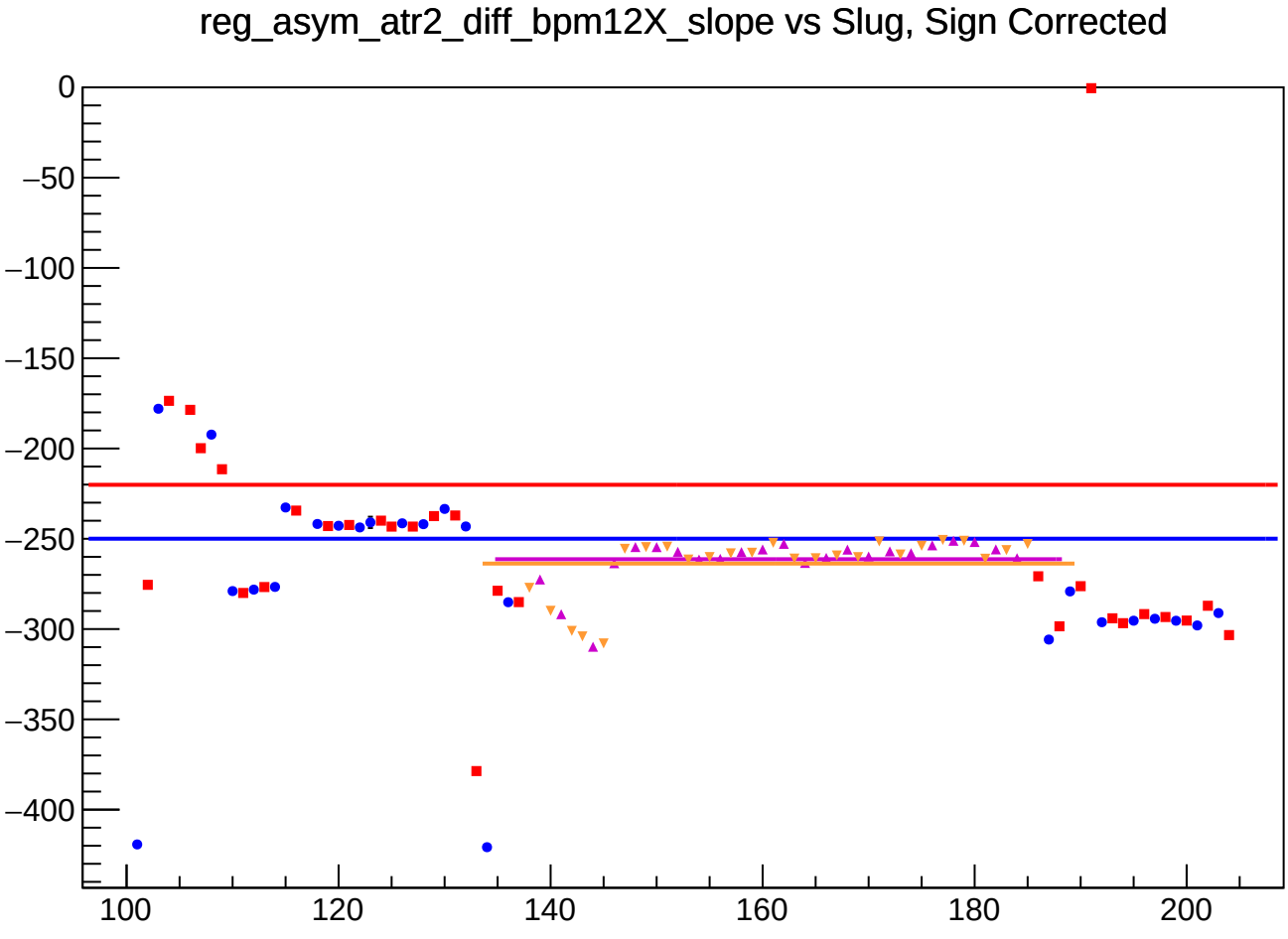
Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

Right: 137.232+/-2.012 χ^2/NDF: 2146.4/53

In: 144.709+/-1.508 χ^2/NDF:1739.3/47

Out: 136.146+/-1.443 χ^2/NDF:2095.2/53

All: 140.238+/-1.042 χ^2/NDF: 3851.3/101



Right In: -249.963+/-0.142 χ^2/NDF: 192941.4/24

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -220.111+/-0.125 χ^2/NDF: 465201.7/28

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

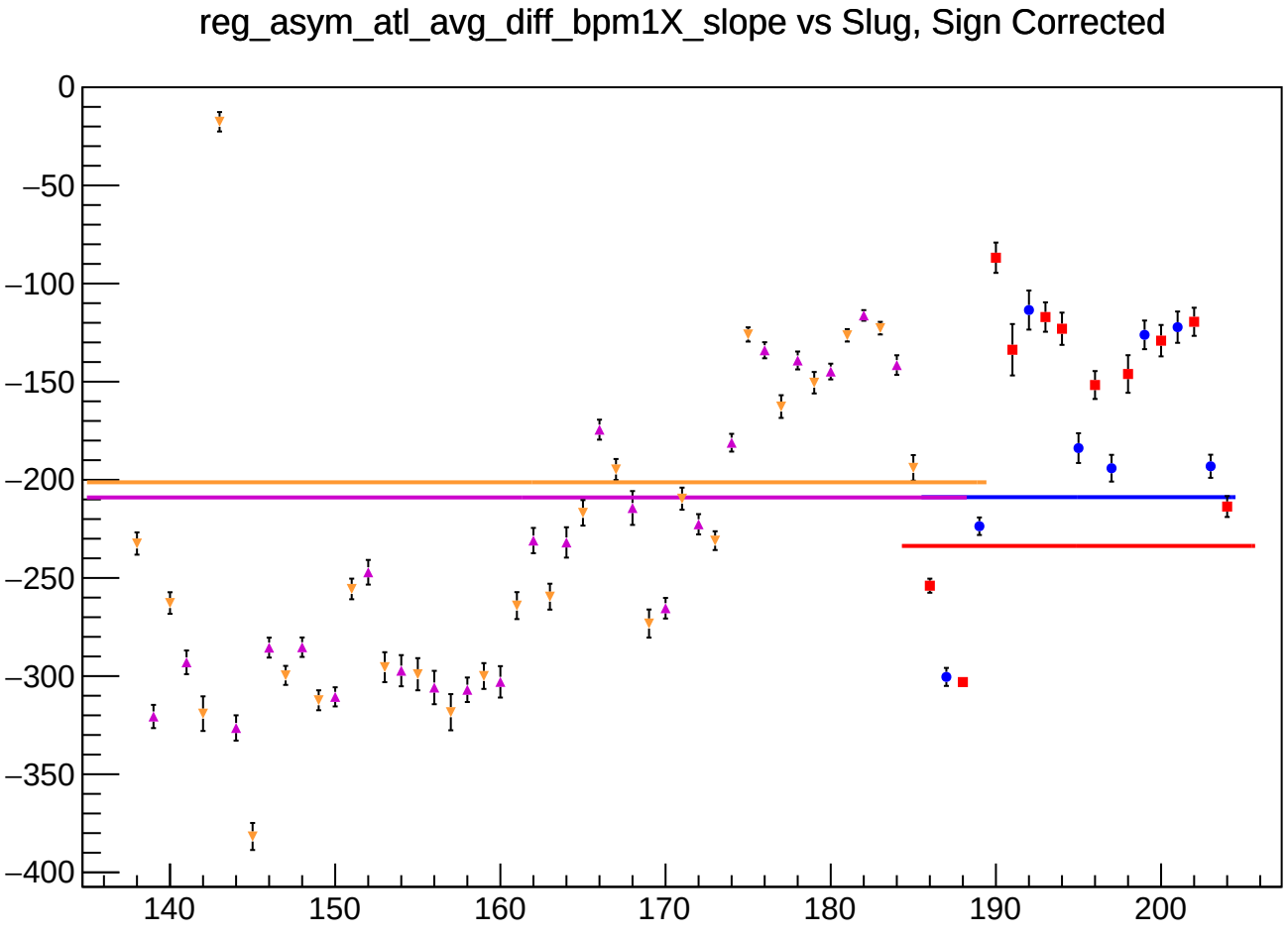
Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

Right: -233.102+/-0.094 χ^2/NDF: 683105.3/53

In: -258.502+/-0.071 χ^2/NDF:221202.2/47

Out: -250.677+/-0.068 χ^2/NDF:588946.5/53

All: -254.444+/-0.049 χ^2/NDF: 816488.1/101



Right In: -208.834+/-2.182 χ^2/NDF: 769.7/7

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -233.684+/-1.558 χ^2/NDF: 2388.5/10

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

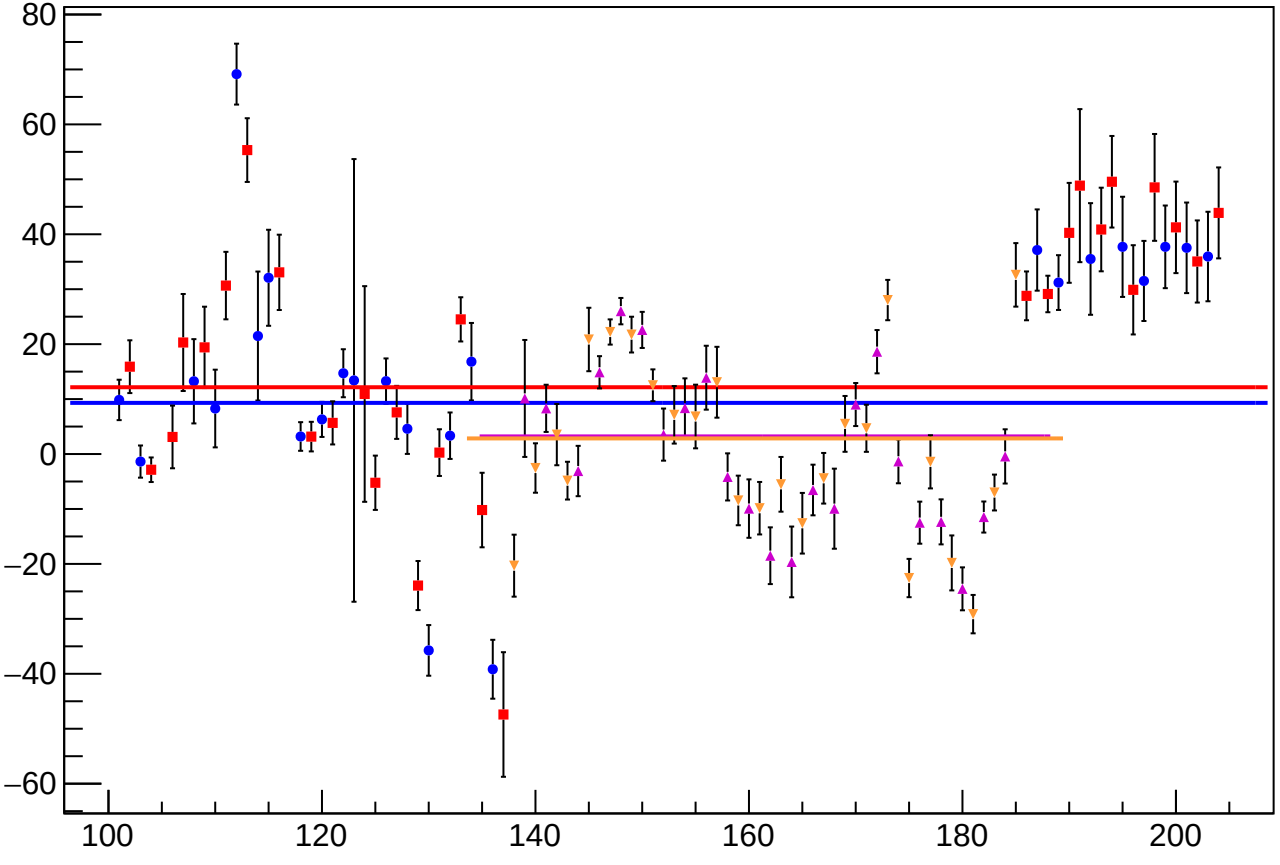
Right: -225.295+/-1.268 χ^2/NDF: 3244.1/18

In: -208.952+/-0.967 χ^2/NDF:5634.9/30

Out: -211.595+/-0.879 χ^2/NDF:8793.7/35

All: -210.398+/-0.650 χ^2/NDF: 14432.7/66

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.310+/-1.005 χ^2/NDF: 424.1/24

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 12.157+/-0.940 χ^2/NDF: 418.0/28

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

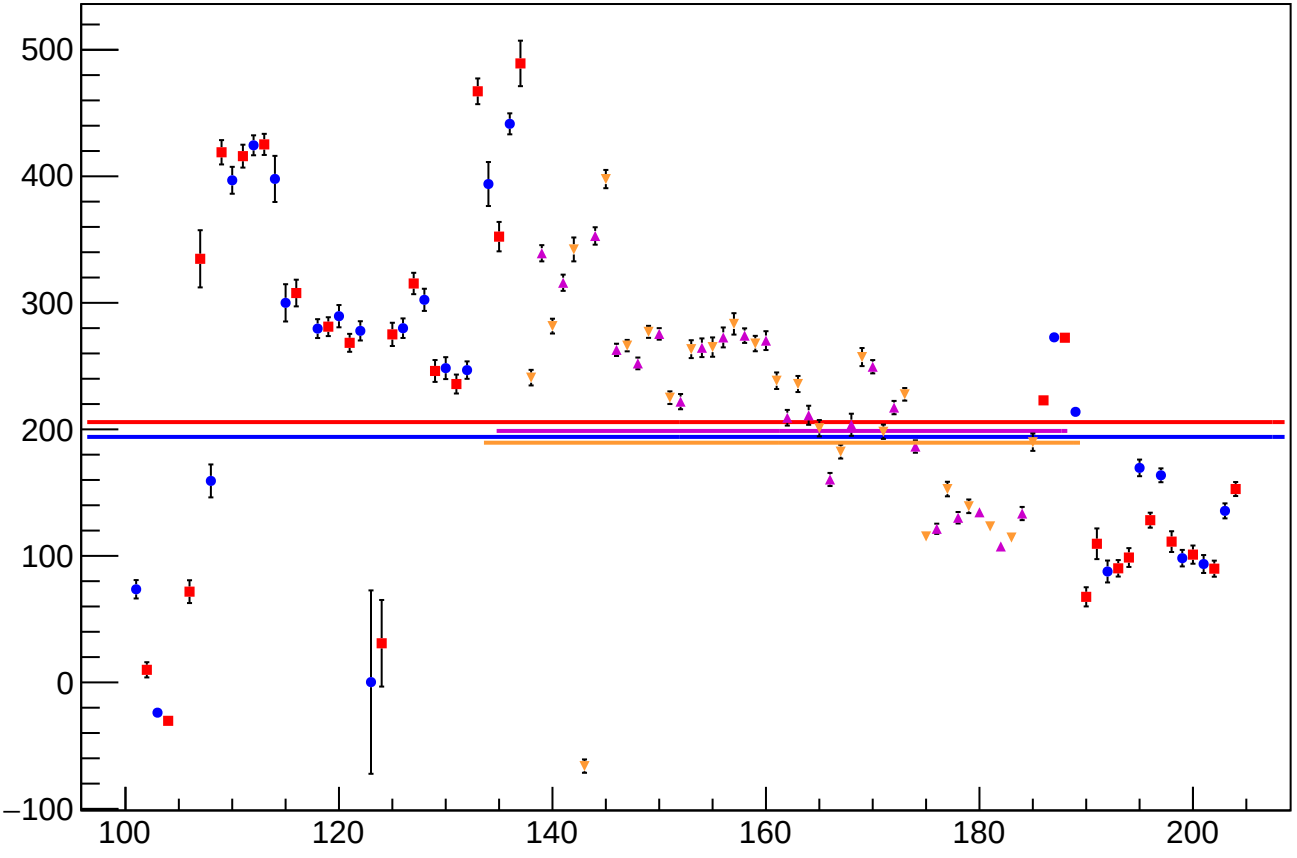
Right: 10.829+/-0.687 χ^2/NDF: 846.4/53

In: 5.767+/-0.651 χ^2/NDF:769.3/47

Out: 6.888+/-0.620 χ^2/NDF:894.2/53

All: 6.355+/-0.449 χ^2/NDF: 1665.1/101

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 194.032+/-1.362 χ^2/NDF: 7941.9/24

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 205.740+/-1.085 χ^2/NDF: 11317.0/28

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

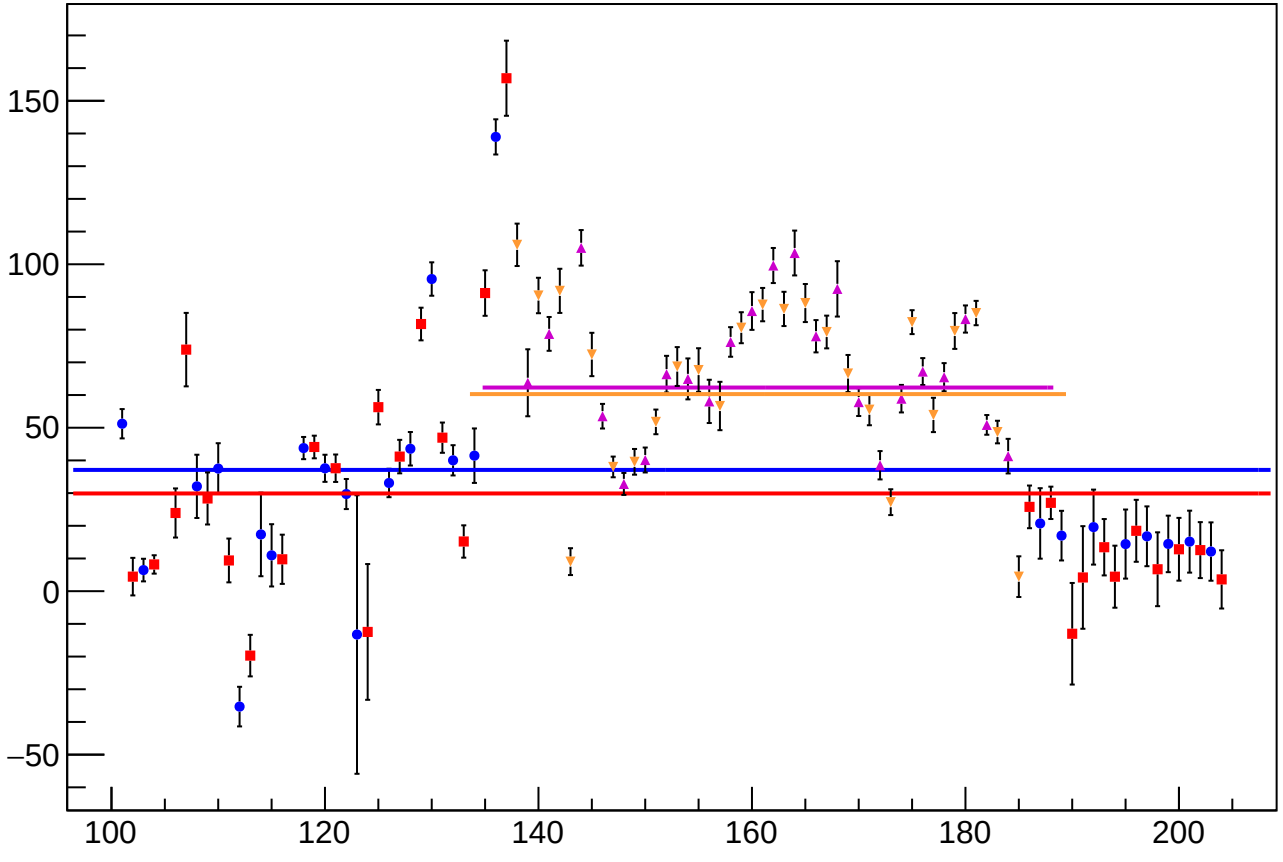
Right: 201.196+/-0.848 χ^2/NDF: 19304.2/53

In: 196.940+/-0.845 χ^2/NDF:12539.3/47

Out: 197.483+/-0.762 χ^2/NDF:18081.0/53

All: 197.240+/-0.566 χ^2/NDF: 30620.6/101

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.096+/-1.183 χ^2/NDF: 782.2/24

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 29.892+/-1.126 χ^2/NDF: 600.4/28

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

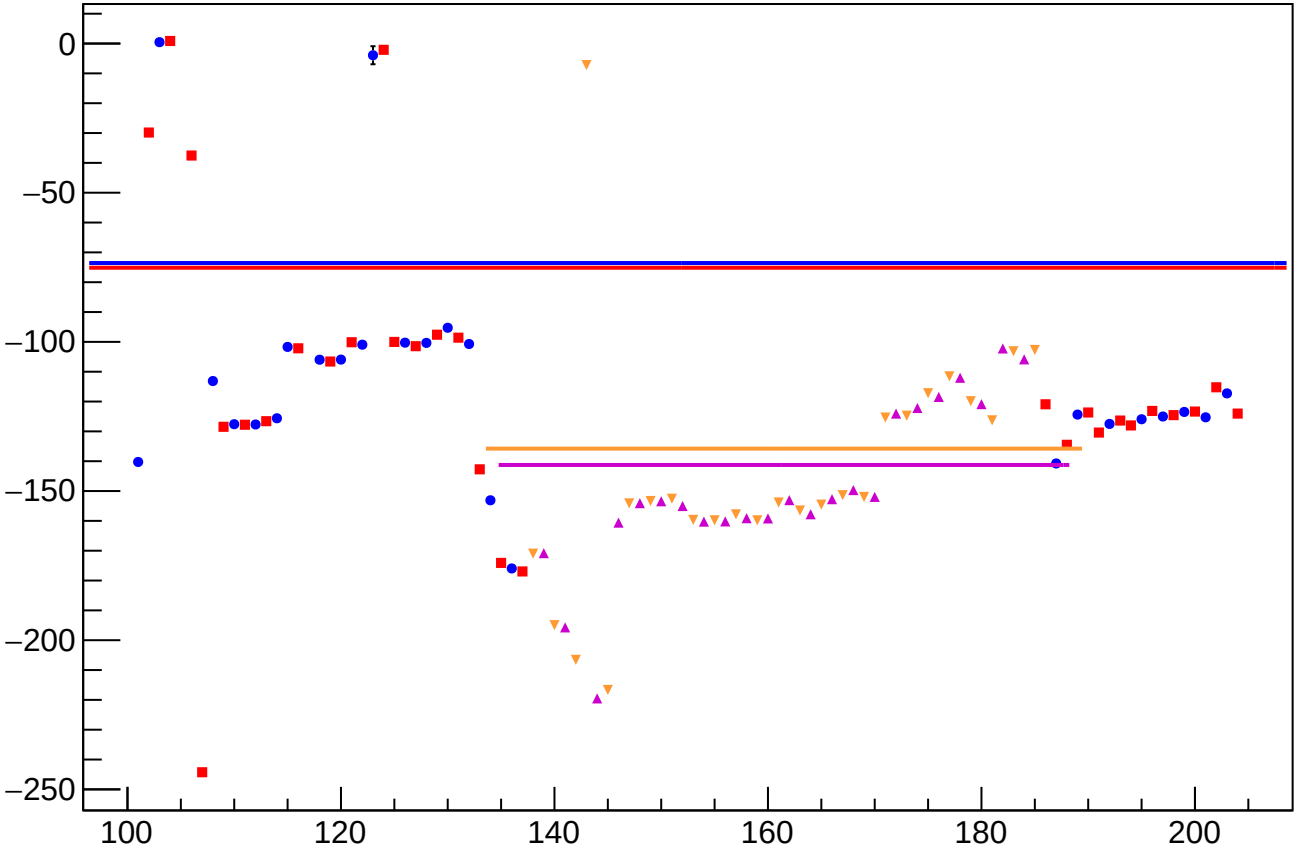
Right: 33.315+/-0.816 χ^2/NDF: 1402.0/53

In: 52.151+/-0.751 χ^2/NDF:1464.6/47

Out: 47.727+/-0.724 χ^2/NDF:1742.7/53

All: 49.858+/-0.521 χ^2/NDF: 3225.3/101

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -73.568+/-0.054 χ^2/NDF: 1377019.6/24

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -75.142+/-0.051 χ^2/NDF: 1397571.6/28

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

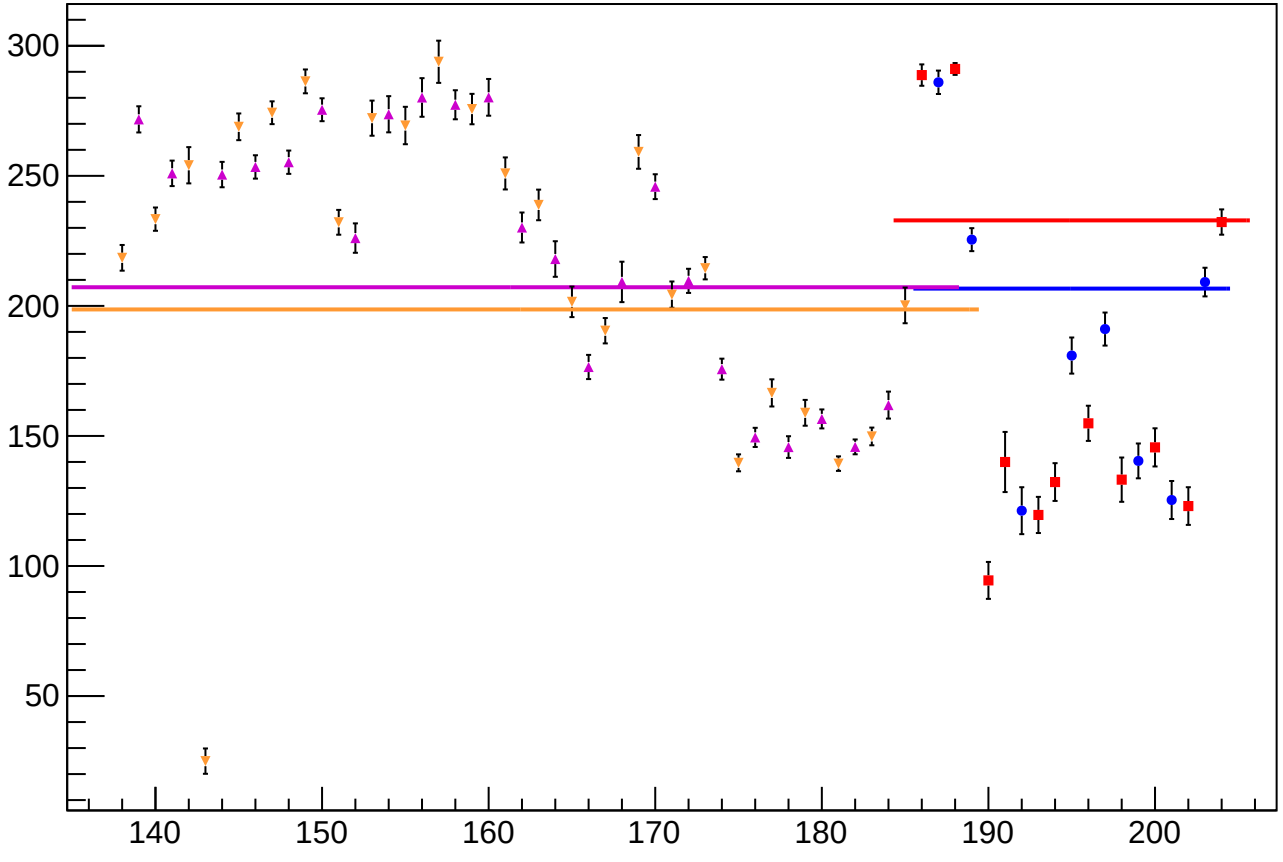
Right: -74.403+/-0.037 χ^2/NDF: 2775042.4/53

In: -113.417+/-0.035 χ^2/NDF:2653379.1/47

Out: -109.320+/-0.034 χ^2/NDF:2943397.7/53

All: -111.304+/-0.024 χ^2/NDF: 5604003.9/10

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 206.651+/-2.074 χ^2/NDF: 660.1/7

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 232.876+/-1.518 χ^2/NDF: 2380.7/10

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

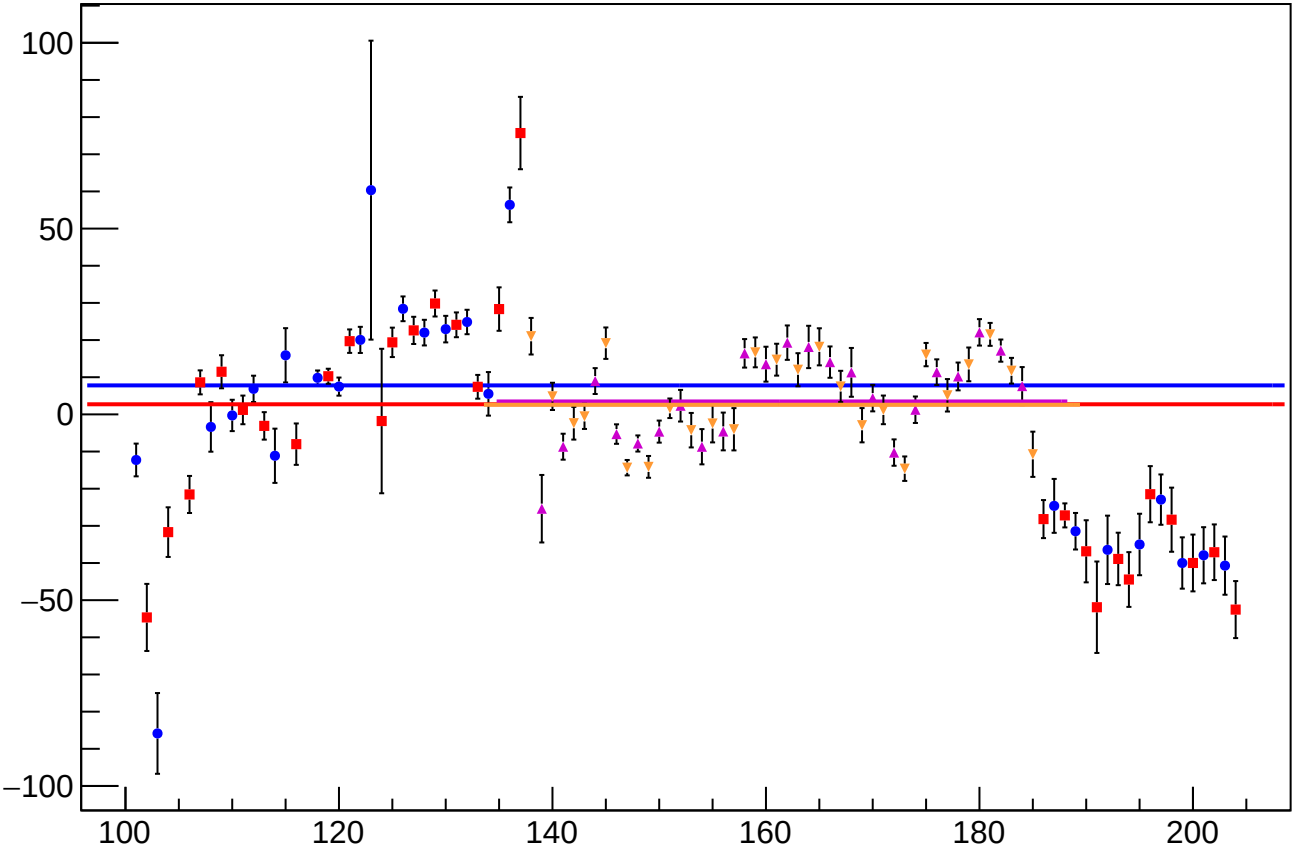
Right: 223.732+/-1.225 χ^2/NDF: 3144.9/18

In: 207.075+/-0.890 χ^2/NDF:3291.7/30

Out: 208.512+/-0.815 χ^2/NDF:6889.5/35

All: 207.857+/-0.601 χ^2/NDF: 10182.6/66

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.800+/-0.862 χ^2/NDF: 609.6/24

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 2.719+/-0.826 χ^2/NDF: 747.5/28

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

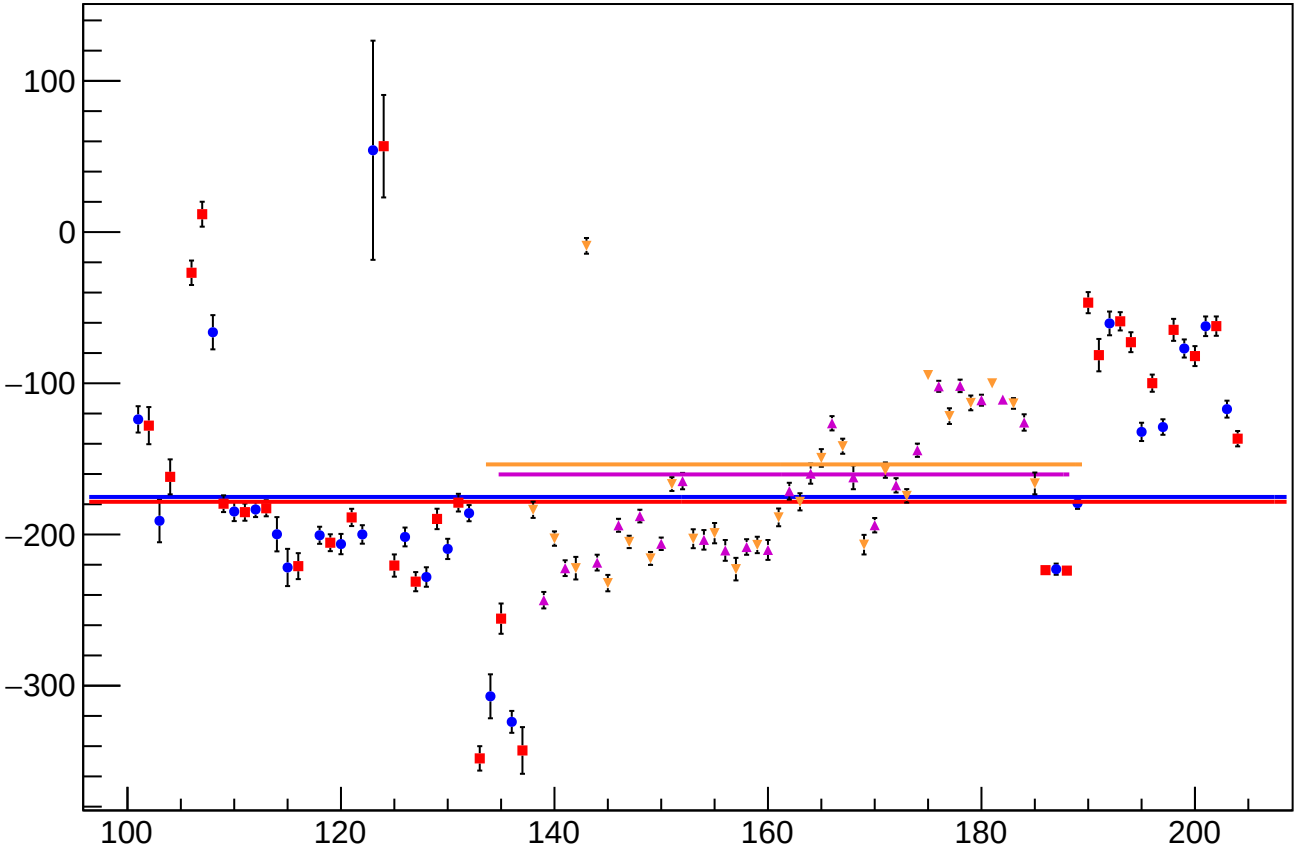
Right: 5.151+/-0.596 χ^2/NDF: 1375.2/53

In: 5.402+/-0.575 χ^2/NDF:818.3/47

Out: 2.651+/-0.553 χ^2/NDF:1021.8/53

All: 3.972+/-0.399 χ^2/NDF: 1851.9/101

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -175.174+/-1.265 χ^2/NDF: 2033.3/24

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -178.373+/-1.027 χ^2/NDF: 4657.2/28

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

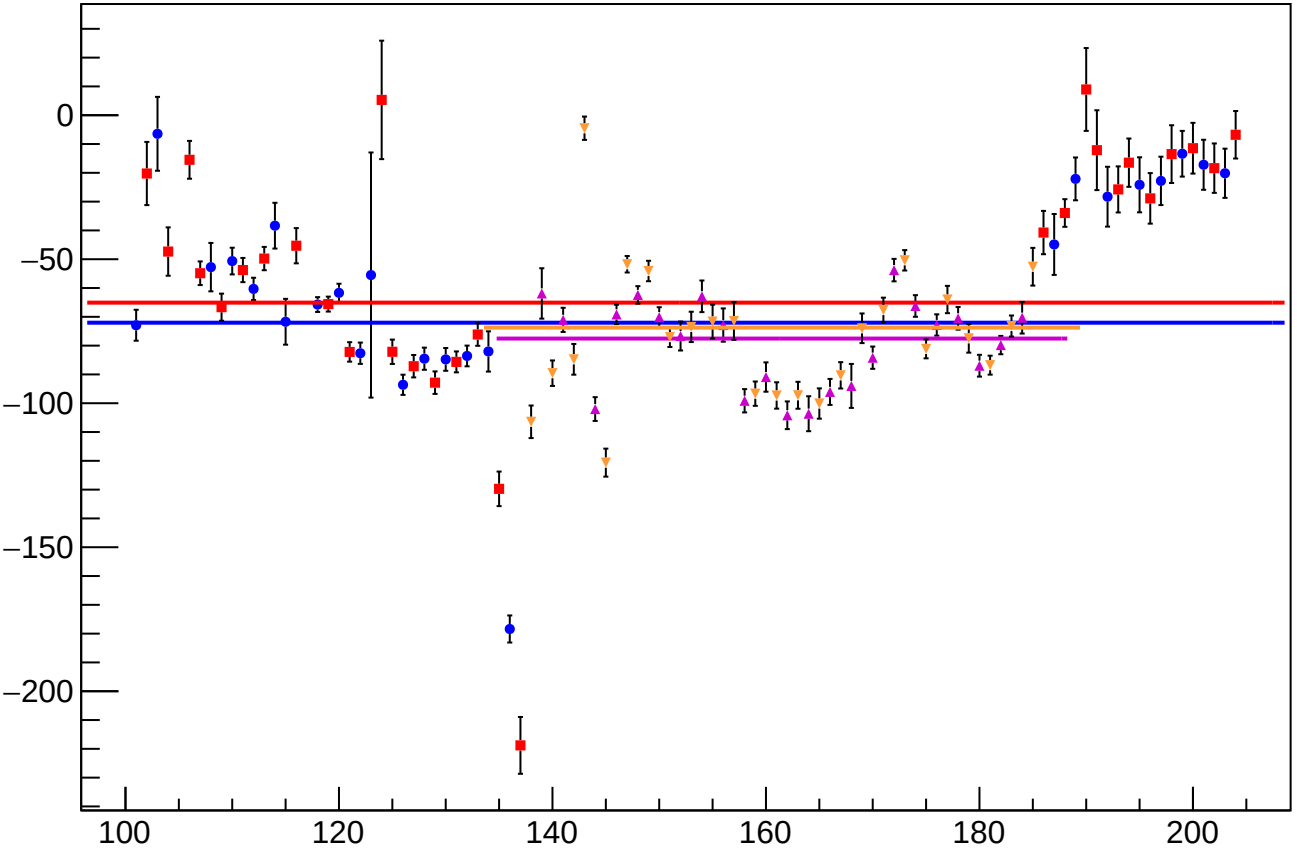
Right: -177.102+/-0.797 χ^2/NDF: 6694.3/53

In: -165.901+/-0.777 χ^2/NDF:4169.0/47

Out: -165.310+/-0.705 χ^2/NDF:7894.6/53

All: -165.577+/-0.522 χ^2/NDF: 12063.9/101

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -72.038+/-1.008 χ^2/NDF: 948.5/24

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -65.071+/-0.969 χ^2/NDF: 963.2/28

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

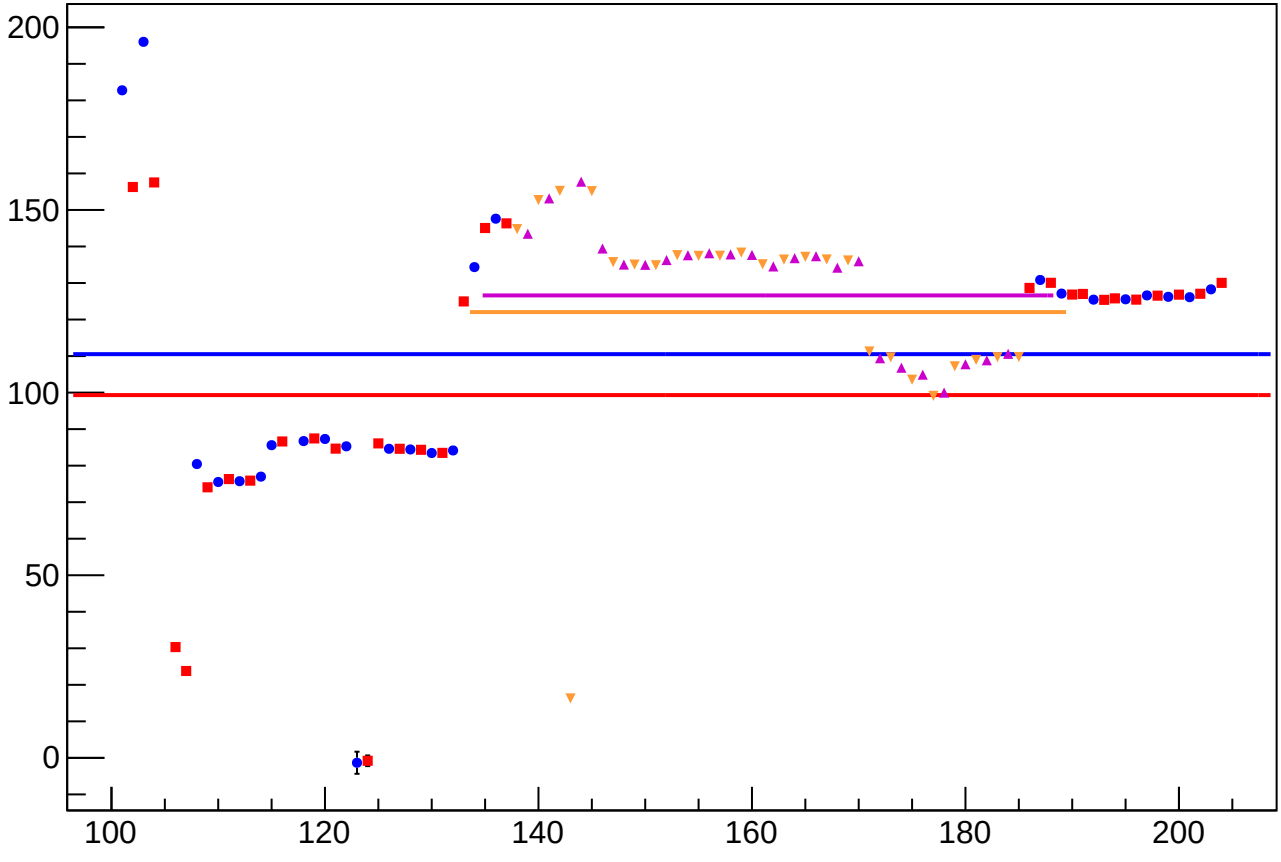
Right: -68.419+/-0.699 χ^2/NDF: 1936.4/53

In: -75.162+/-0.663 χ^2/NDF:1218.1/47

Out: -69.950+/-0.641 χ^2/NDF:1736.5/53

All: -72.469+/-0.461 χ^2/NDF: 2986.5/101

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.523+/-0.058 χ^2/NDF: 308332.8/24

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 99.320+/-0.052 χ^2/NDF: 565240.0/28

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

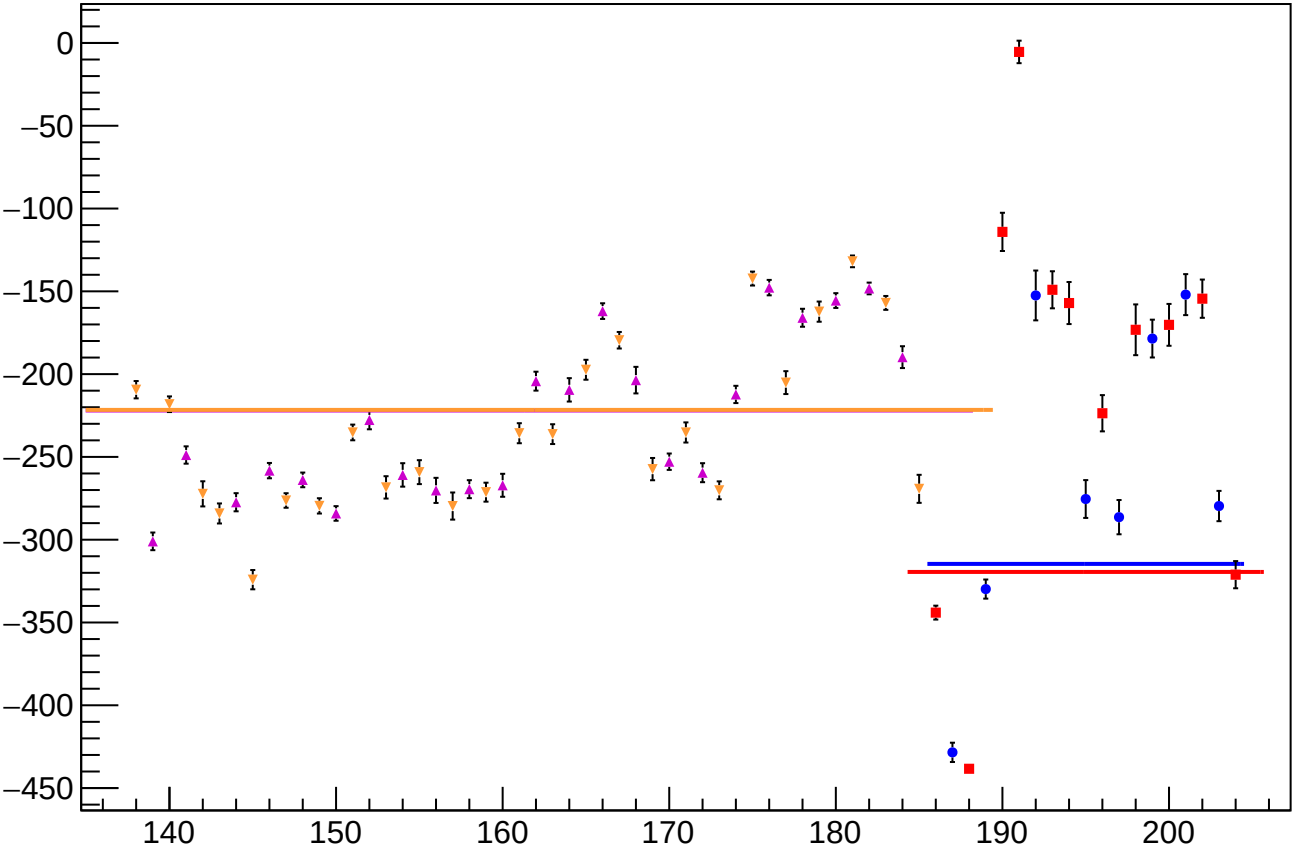
Right: 104.251+/-0.039 χ^2/NDF: 894284.2/53

In: 121.296+/-0.033 χ^2/NDF:524146.1/47

Out: 113.411+/-0.032 χ^2/NDF:1123280.5/53

All: 117.157+/-0.023 χ^2/NDF: 1676569.8/101

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -314.615+/-3.057 χ^2/NDF: 852.4/7

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -319.466+/-2.002 χ^2/NDF: 4924.2/10

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

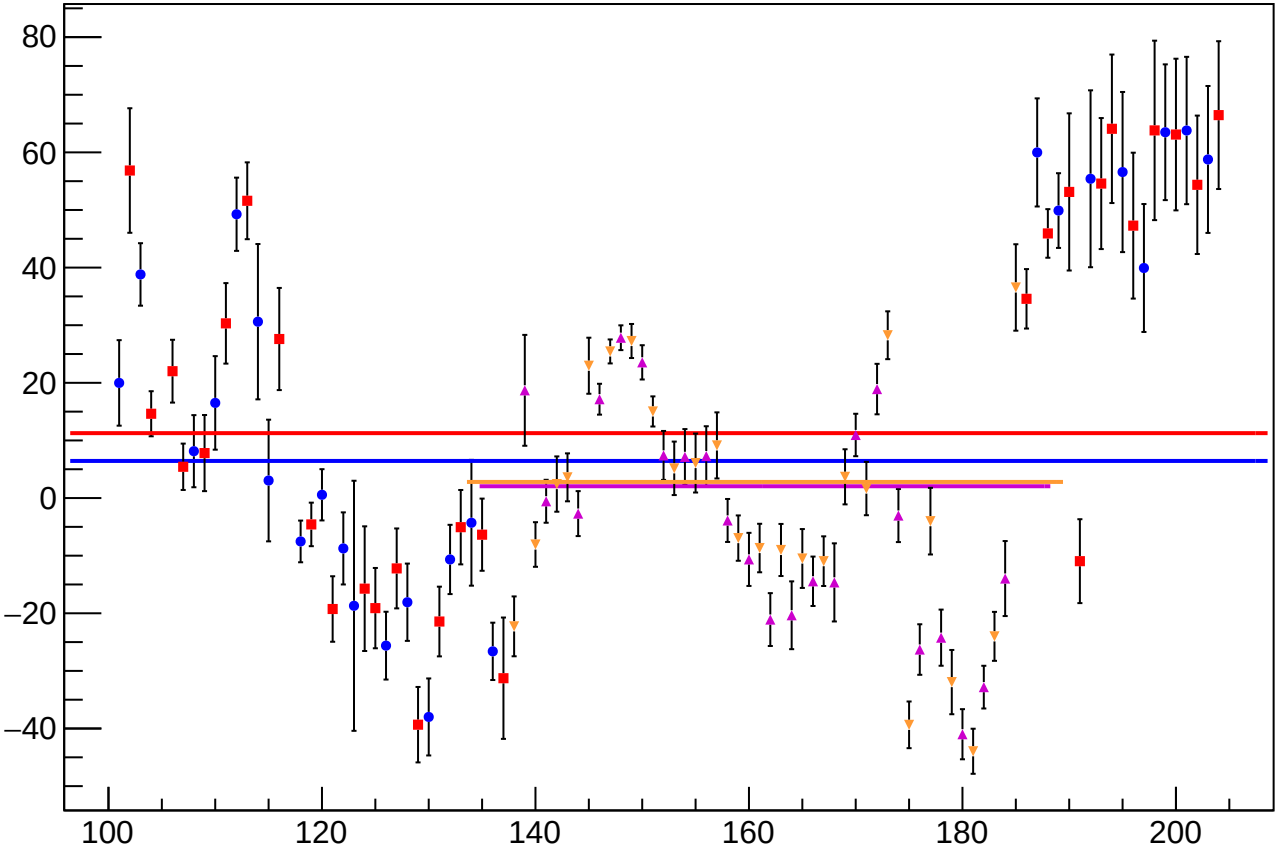
Right: -318.010+/-1.675 χ^2/NDF: 5778.3/18

In: -232.567+/-1.033 χ^2/NDF:3856.3/30

Out: -243.896+/-0.955 χ^2/NDF:9335.2/35

All: -238.675+/-0.702 χ^2/NDF: 13256.3/66

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.442+/-1.402 χ^2/NDF: 423.8/24

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 11.267+/-1.223 χ^2/NDF: 479.3/28

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

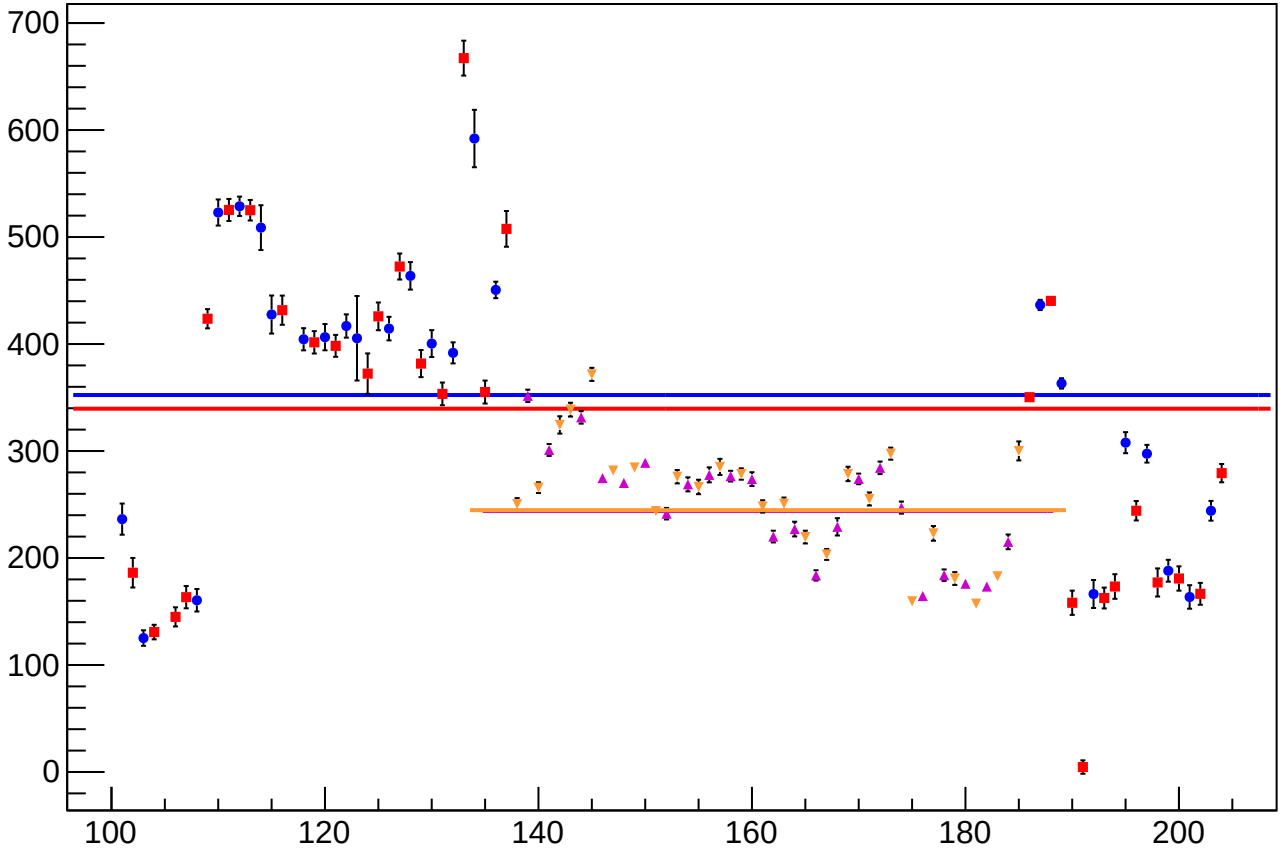
Right: 9.182+/-0.921 χ^2/NDF: 909.7/53

In: 3.196+/-0.716 χ^2/NDF:1023.6/47

Out: 5.380+/-0.675 χ^2/NDF:1198.1/53

All: 4.353+/-0.491 χ^2/NDF: 2226.7/101

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 352.332+/-1.897 χ^2/NDF: 3756.1/24

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 339.555+/-1.402 χ^2/NDF: 9548.5/28

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

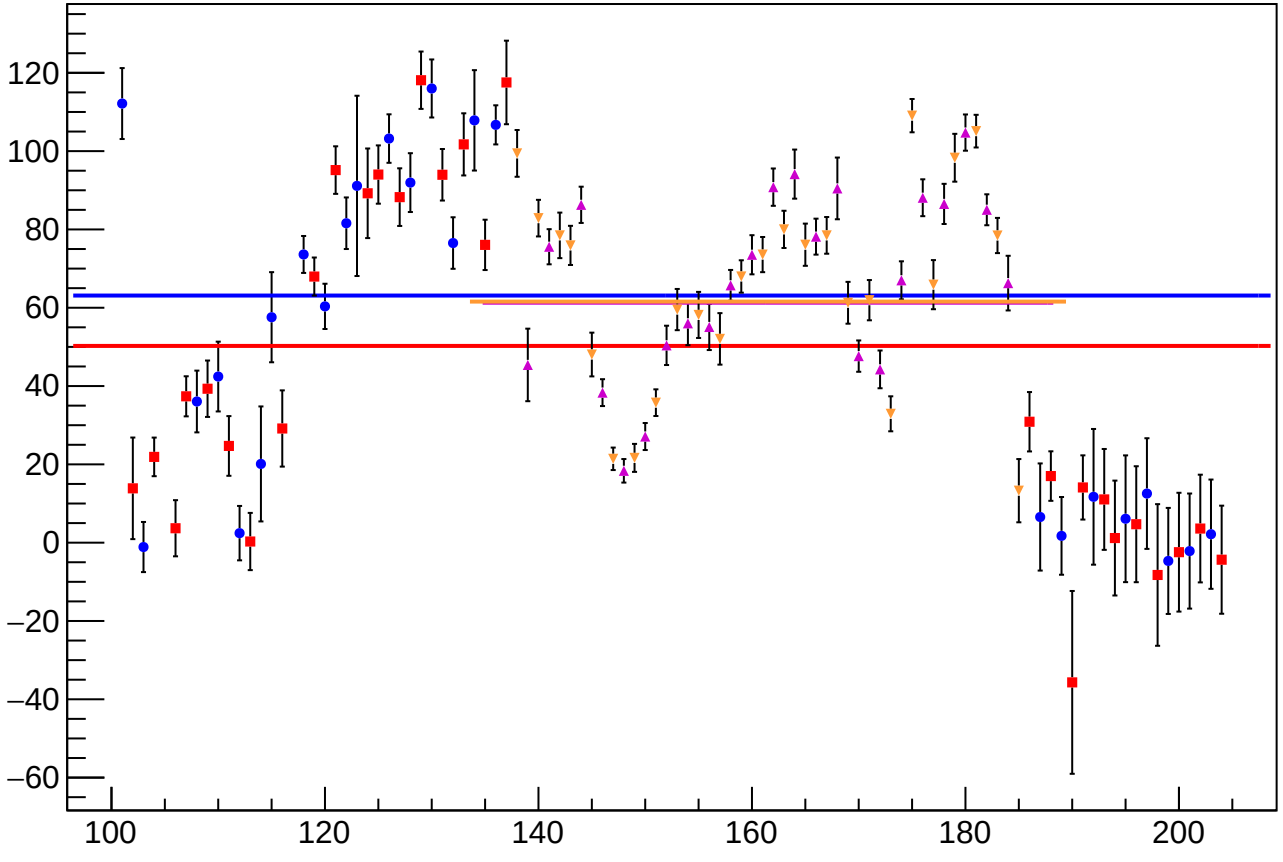
Right: 344.069+/-1.127 χ^2/NDF: 13333.9/53

In: 270.844+/-0.945 χ^2/NDF:8505.8/47

Out: 280.222+/-0.858 χ^2/NDF:14977.1/53

All: 275.986+/-0.635 χ^2/NDF: 23537.0/101

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 63.115+/-1.639 χ^2/NDF: 599.9/24

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 50.250+/-1.464 χ^2/NDF: 669.7/28

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

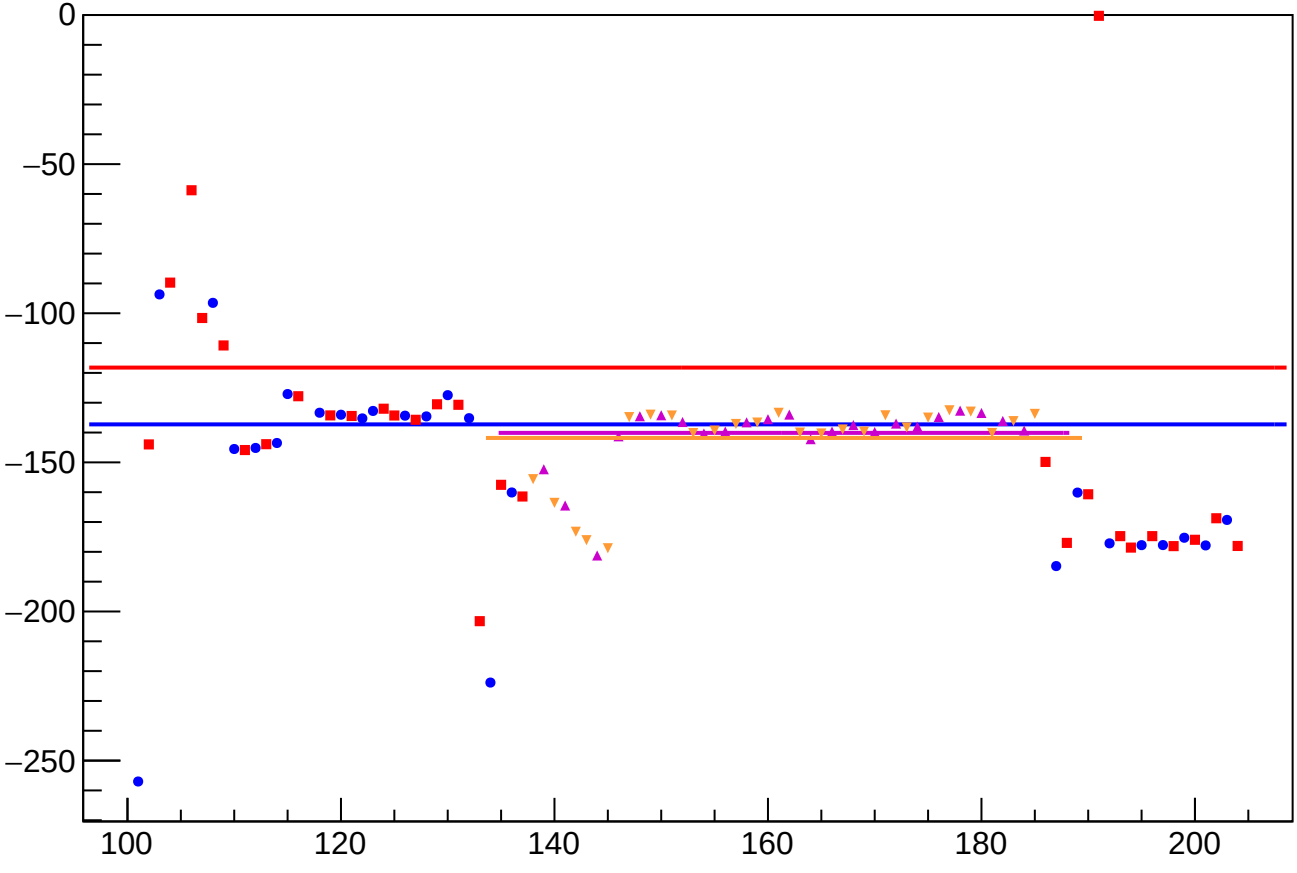
Right: 55.956+/-1.092 χ^2/NDF: 1303.9/53

In: 61.752+/-0.828 χ^2/NDF:1303.7/47

Out: 58.273+/-0.790 χ^2/NDF:1582.4/53

All: 59.932+/-0.572 χ^2/NDF: 2895.3/101

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -137.261+/-0.079 χ^2/NDF: 228190.2/24

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -118.217+/-0.068 χ^2/NDF: 585310.6/28

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

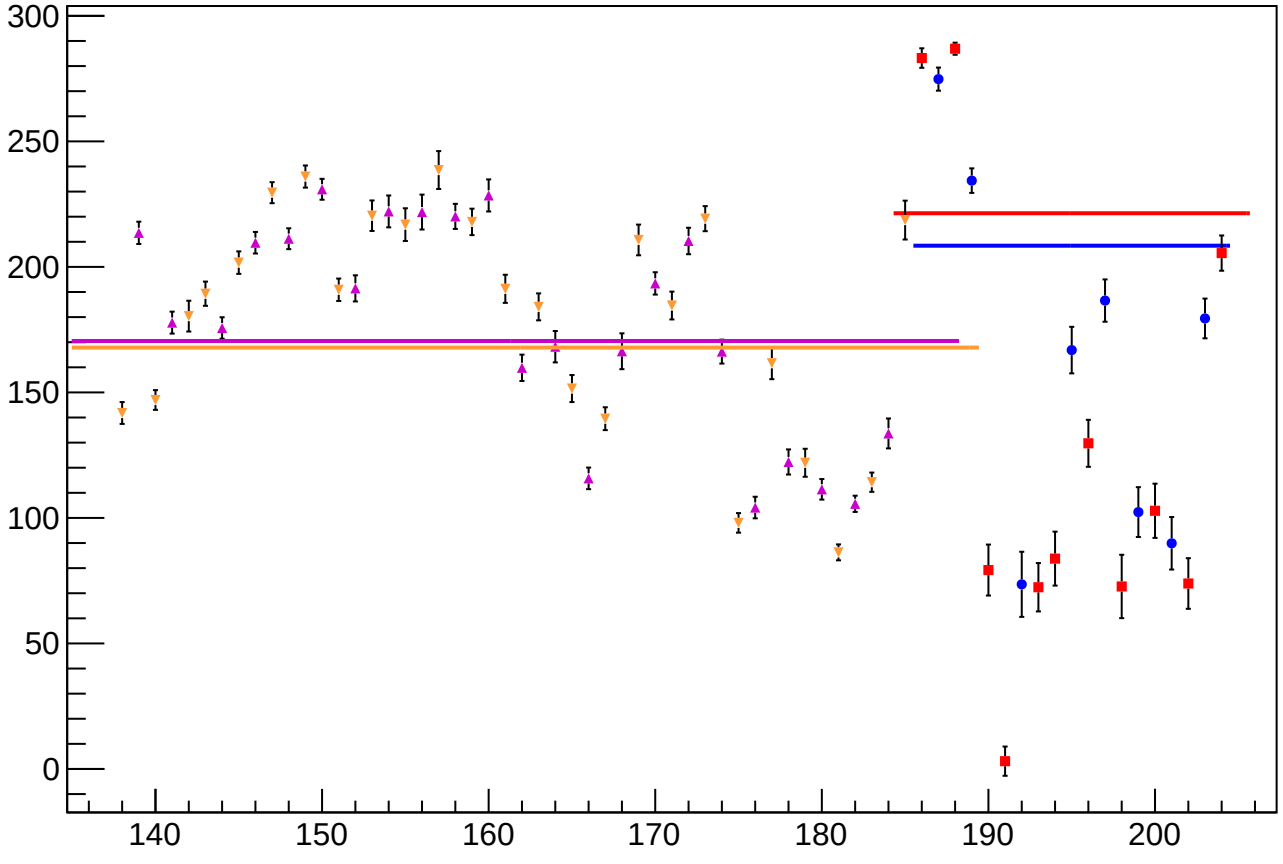
Right: -126.361+/-0.052 χ^2/NDF: 846610.8/53

In: -139.420+/-0.039 χ^2/NDF:277572.9/47

Out: -134.732+/-0.037 χ^2/NDF:746227.1/53

All: -136.982+/-0.027 χ^2/NDF: 1031307.5/10

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 208.448+/-2.532 χ^2/NDF: 627.3/7

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 221.373+/-1.682 χ^2/NDF: 3569.3/10

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

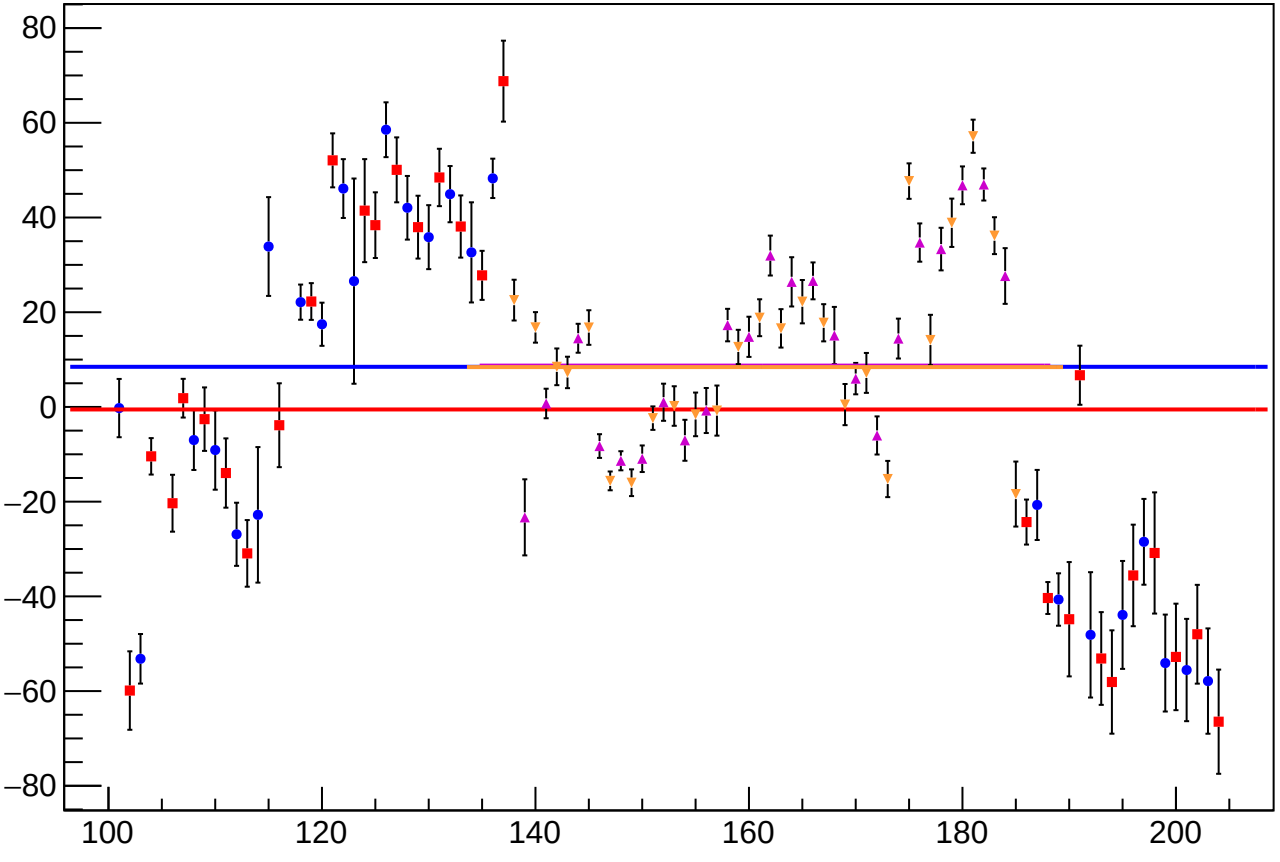
Right: 217.414+/-1.401 χ^2/NDF: 4214.7/18

In: 175.532+/-0.923 χ^2/NDF:2858.7/30

Out: 181.288+/-0.843 χ^2/NDF:6792.4/35

All: 178.671+/-0.622 χ^2/NDF: 9672.4/66

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.475+/-1.337 χ^2/NDF: 754.3/24

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: -0.532+/-1.163 χ^2/NDF: 871.7/28

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

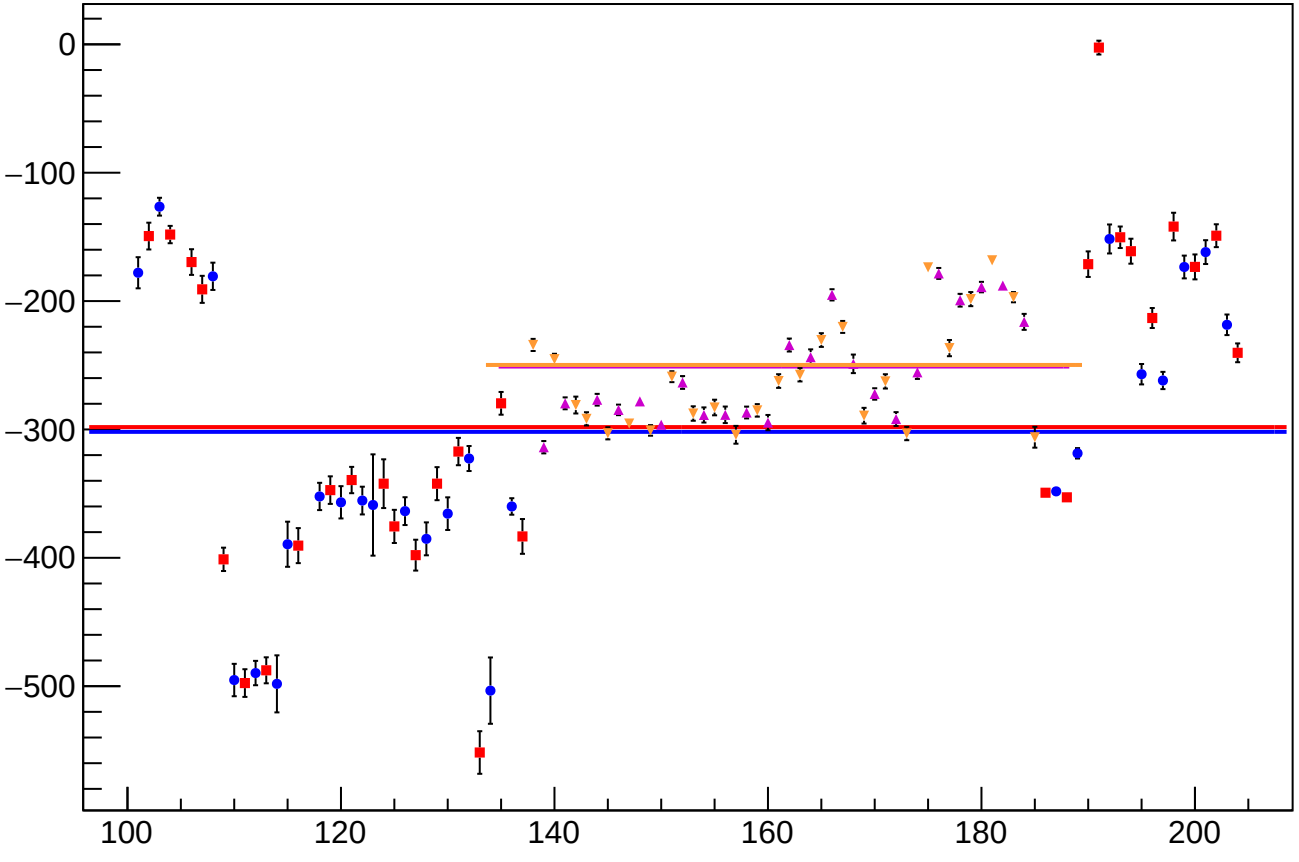
Right: 3.348+/-0.878 χ^2/NDF: 1651.9/53

In: 8.668+/-0.659 χ^2/NDF:1384.4/47

Out: 5.882+/-0.619 χ^2/NDF:1664.7/53

All: 7.189+/-0.451 χ^2/NDF: 3058.6/101

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -301.870+/-1.674 χ^2/NDF: 2875.0/24

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -298.165+/-1.227 χ^2/NDF: 7856.8/28

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

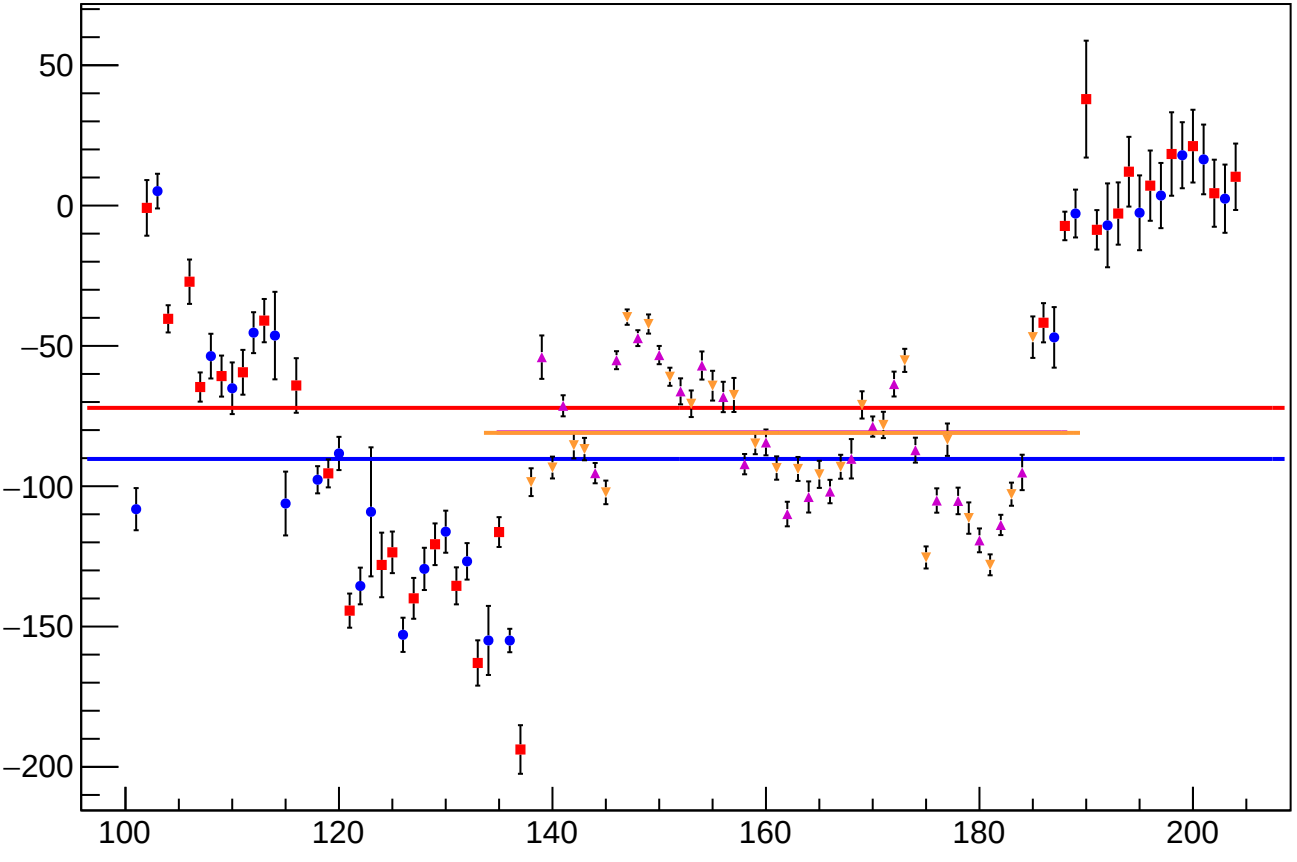
Right: -299.460+/-0.990 χ^2/NDF: 10735.0/53

In: -264.118+/-0.850 χ^2/NDF:5518.6/47

Out: -268.493+/-0.763 χ^2/NDF:11043.0/53

All: -266.540+/-0.568 χ^2/NDF: 16576.2/101

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -90.284+/-1.563 χ^2/NDF: 1294.0/24

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -72.085+/-1.398 χ^2/NDF: 1595.1/28

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

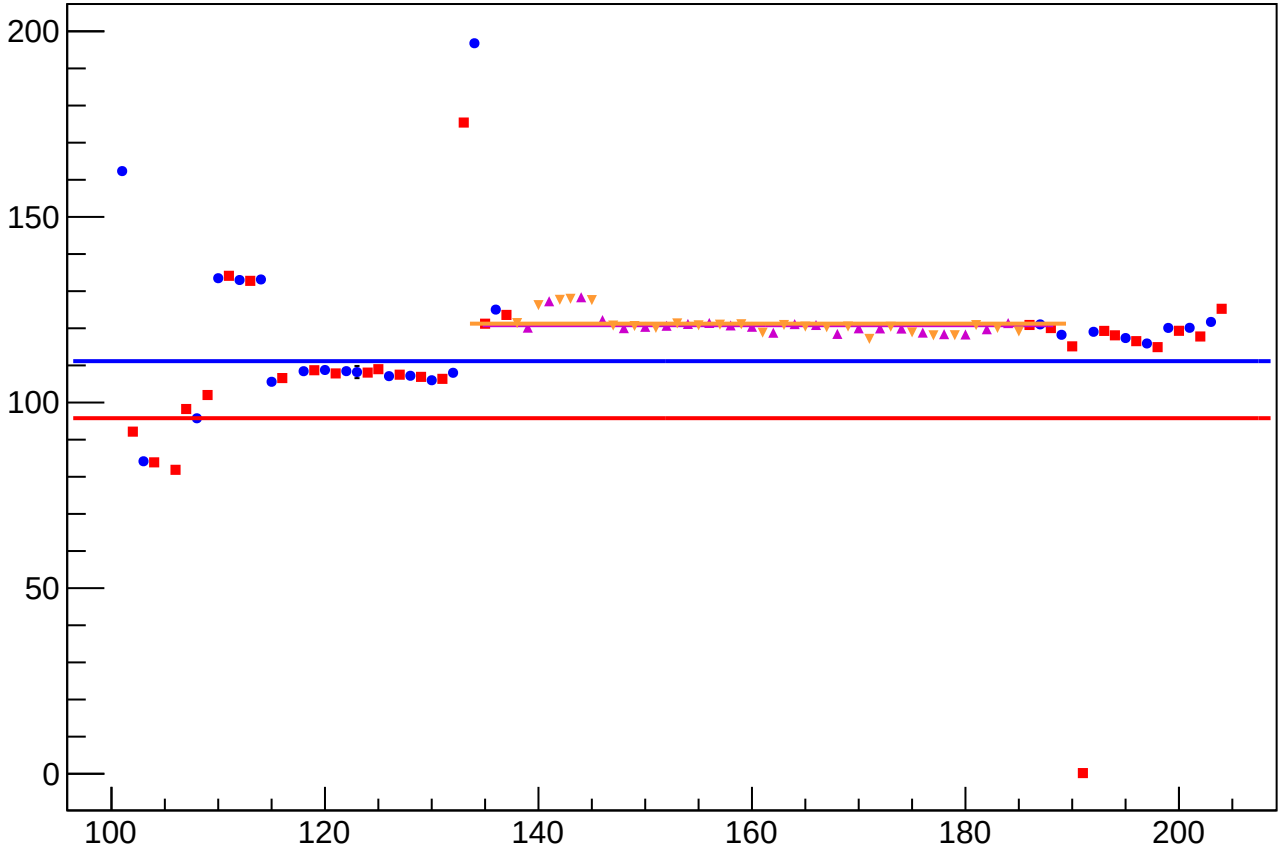
Right: -80.170+/-1.042 χ^2/NDF: 2964.4/53

In: -83.044+/-0.760 χ^2/NDF:2017.4/47

Out: -78.595+/-0.724 χ^2/NDF:2536.0/53

All: -80.711+/-0.524 χ^2/NDF: 4571.4/101

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.148+/-0.073 χ^2/NDF: 77437.0/24

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 95.784+/-0.063 χ^2/NDF: 342727.2/28

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

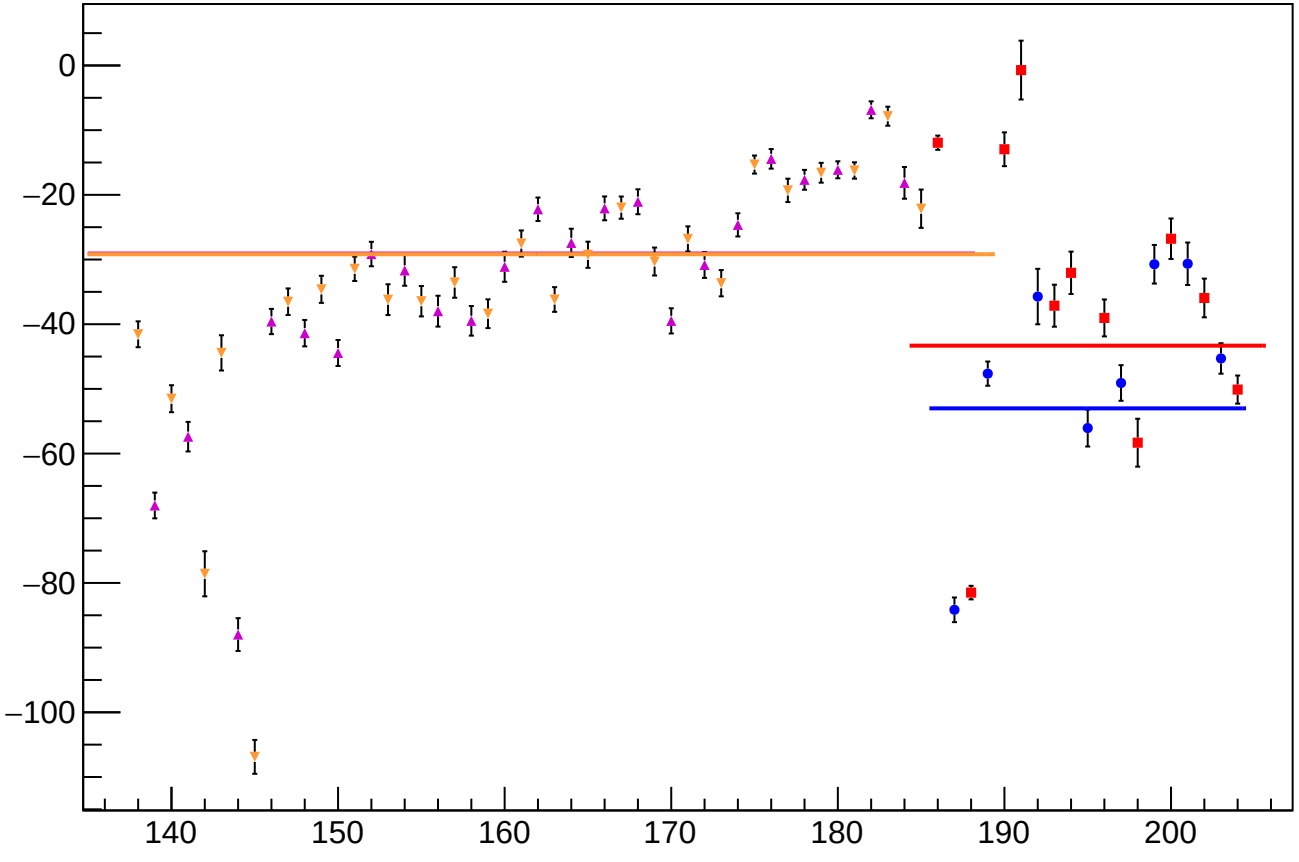
Right: 102.327+/-0.048 χ^2/NDF: 445409.1/53

In: 118.566+/-0.035 χ^2/NDF:94195.6/47

Out: 113.891+/-0.034 χ^2/NDF:463350.4/53

All: 116.125+/-0.025 χ^2/NDF: 566622.6/101

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -53.011+/-0.893 χ^2/NDF: 407.4/7

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -43.318+/-0.604 χ^2/NDF: 2440.9/10

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

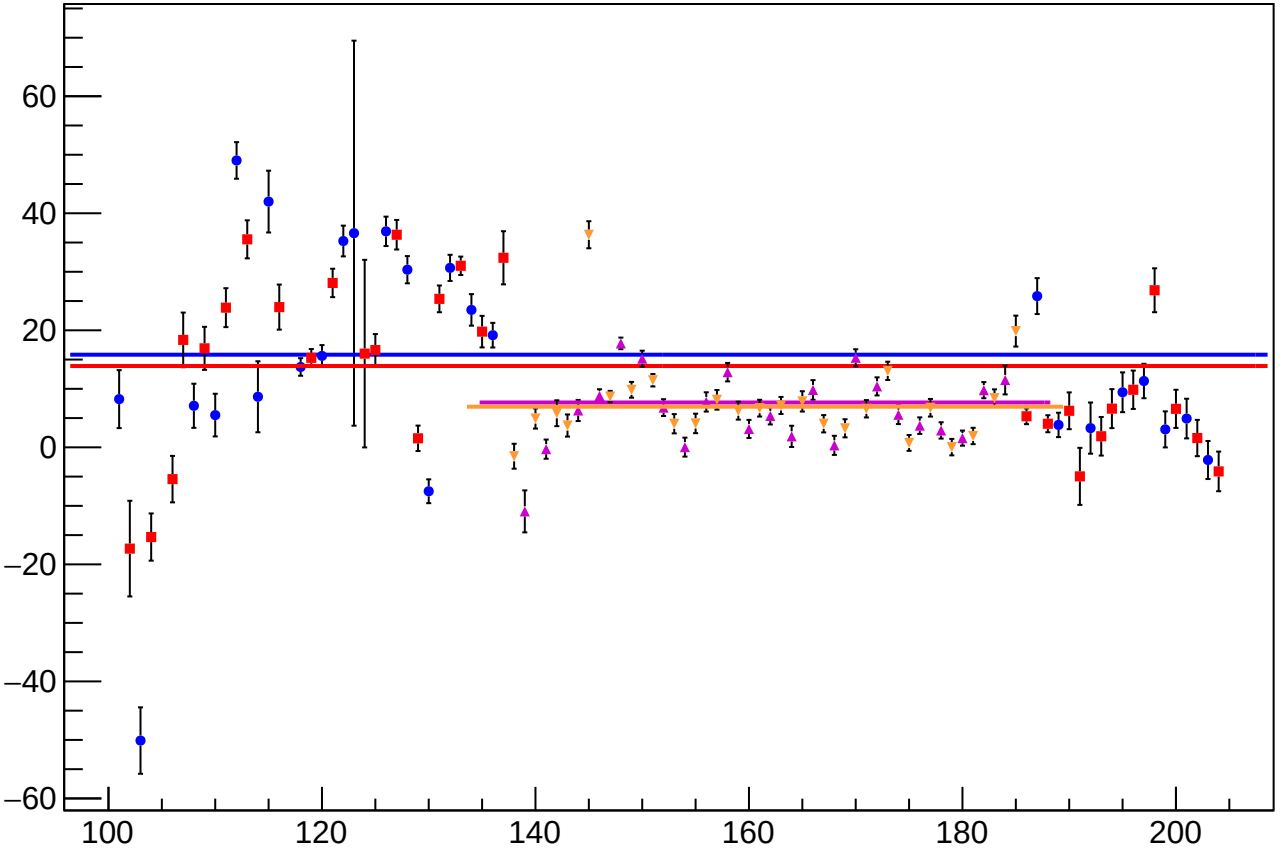
Right: -46.360+/-0.500 χ^2/NDF: 2929.1/18

In: -32.970+/-0.360 χ^2/NDF:2881.3/30

Out: -33.330+/-0.327 χ^2/NDF:4708.4/35

All: -33.167+/-0.242 χ^2/NDF: 7590.2/66

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.831+/-0.551 χ^2/NDF: 757.8/24

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 13.897+/-0.487 χ^2/NDF: 653.2/28

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

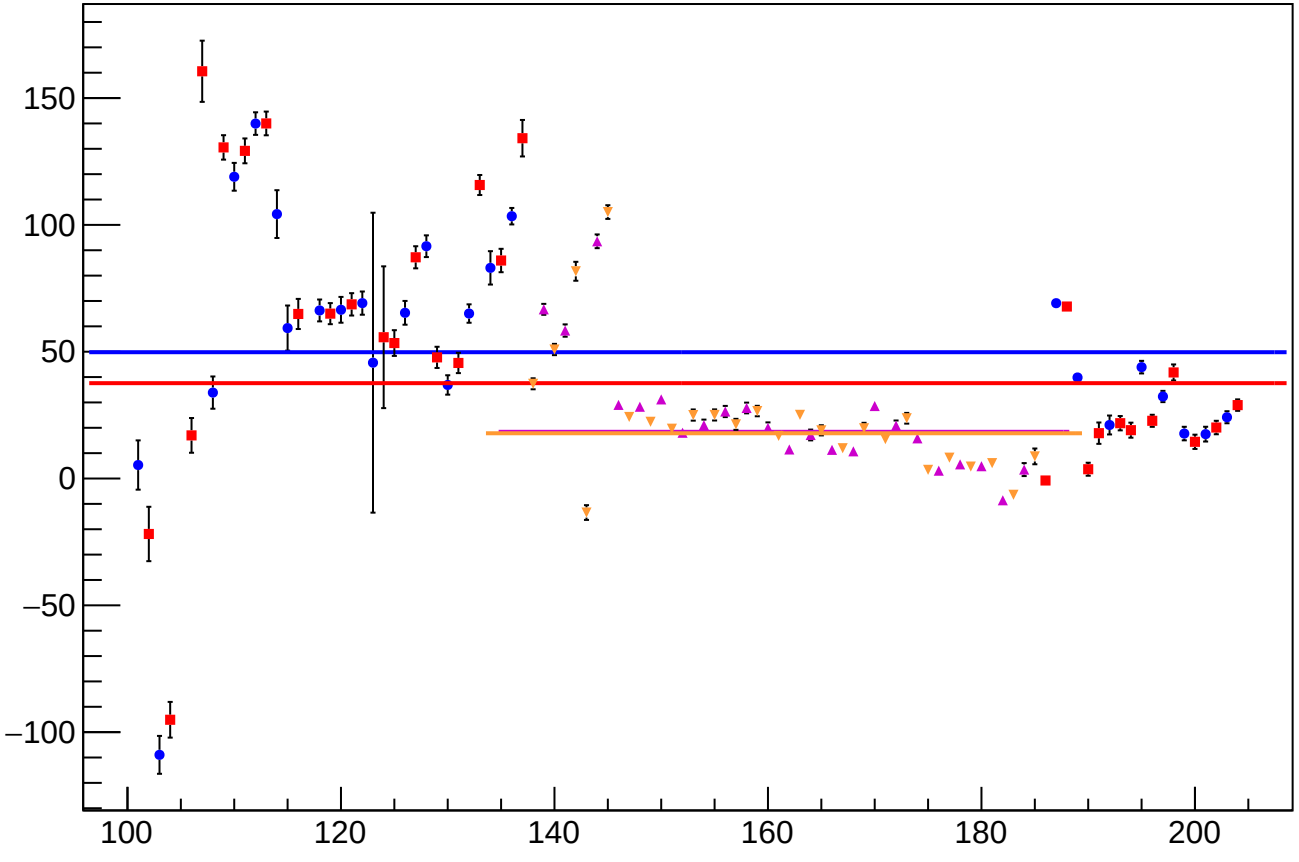
Right: 14.746+/-0.365 χ^2/NDF: 1417.9/53

In: 9.655+/-0.272 χ^2/NDF:1264.9/47

Out: 8.887+/-0.258 χ^2/NDF:1122.5/53

All: 9.250+/-0.187 χ^2/NDF: 2391.6/101

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.802+/-0.654 χ^2/NDF: 2260.9/24

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 37.598+/-0.469 χ^2/NDF: 6269.9/28

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

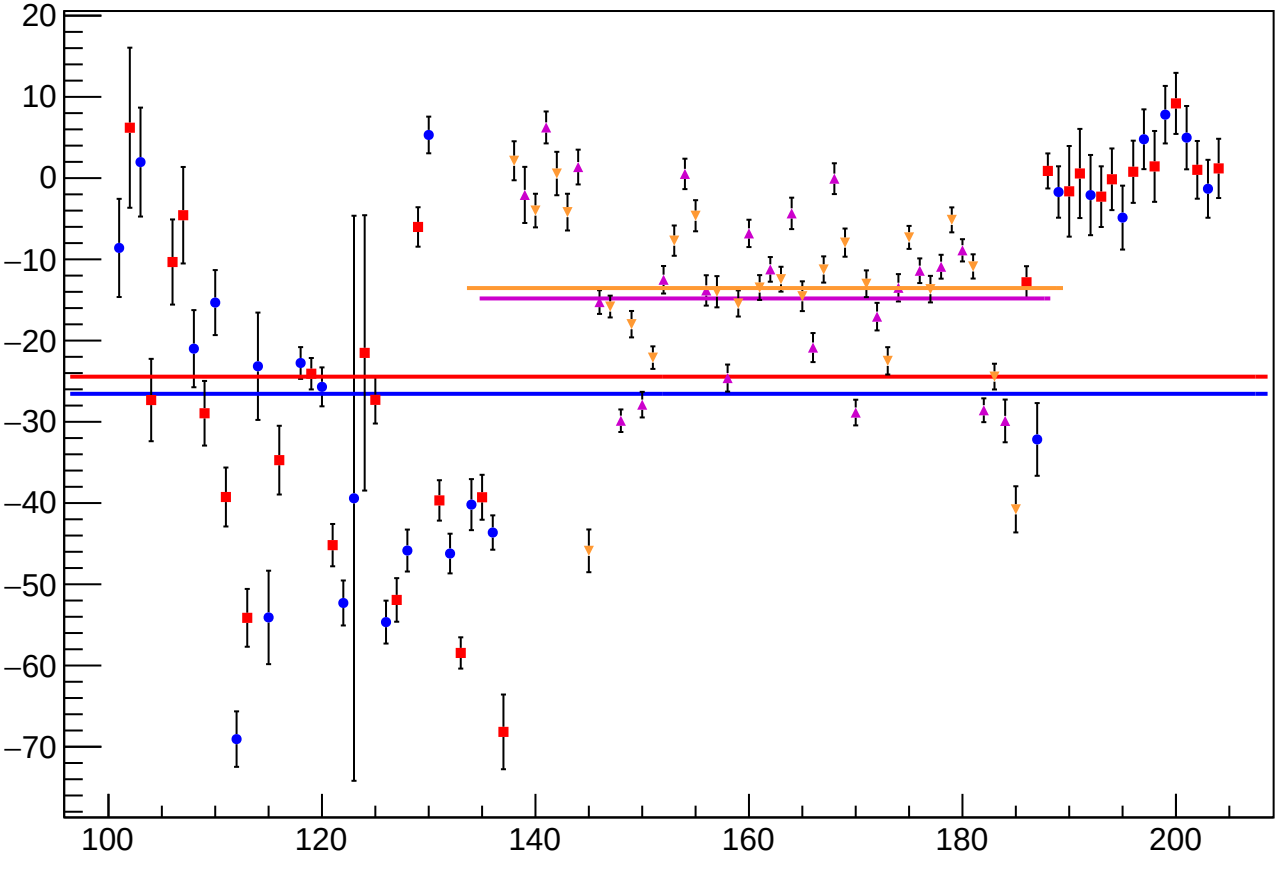
Right: 41.736+/-0.381 χ^2/NDF: 8760.7/53

In: 26.684+/-0.336 χ^2/NDF:6424.5/47

Out: 25.873+/-0.299 χ^2/NDF:9724.6/53

All: 26.231+/-0.223 χ^2/NDF: 16152.3/101

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.553+/-0.646 χ^2/NDF: 1222.3/24

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -24.442+/-0.591 χ^2/NDF: 1363.0/28

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

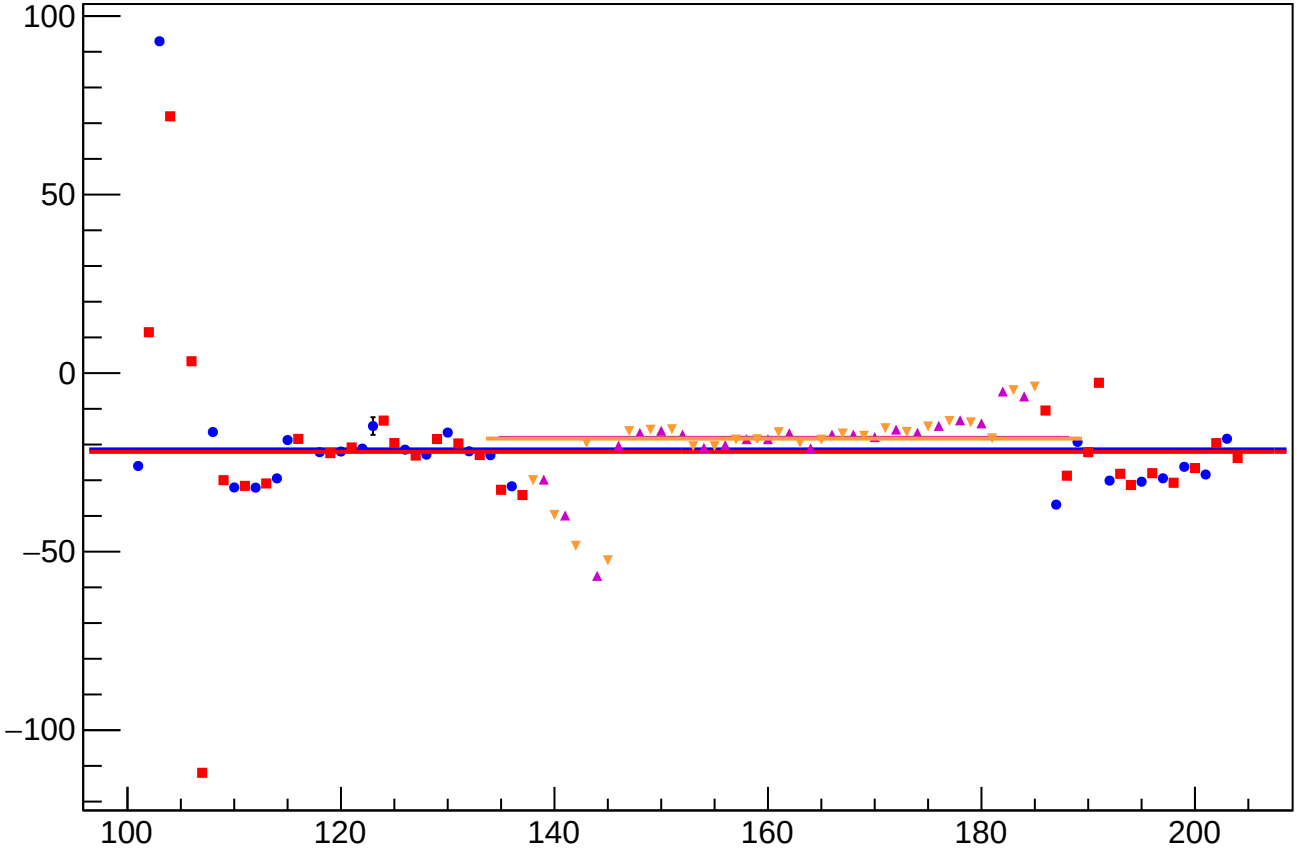
Right: -25.404+/-0.436 χ^2/NDF: 2591.2/53

In: -17.517+/-0.310 χ^2/NDF:2314.9/47

Out: -16.304+/-0.298 χ^2/NDF:2191.9/53

All: -16.887+/-0.215 χ^2/NDF: 4514.7/101

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.365+/-0.032 χ^2/NDF: 510902.9/24

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -22.052+/-0.029 χ^2/NDF: 484820.4/28

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

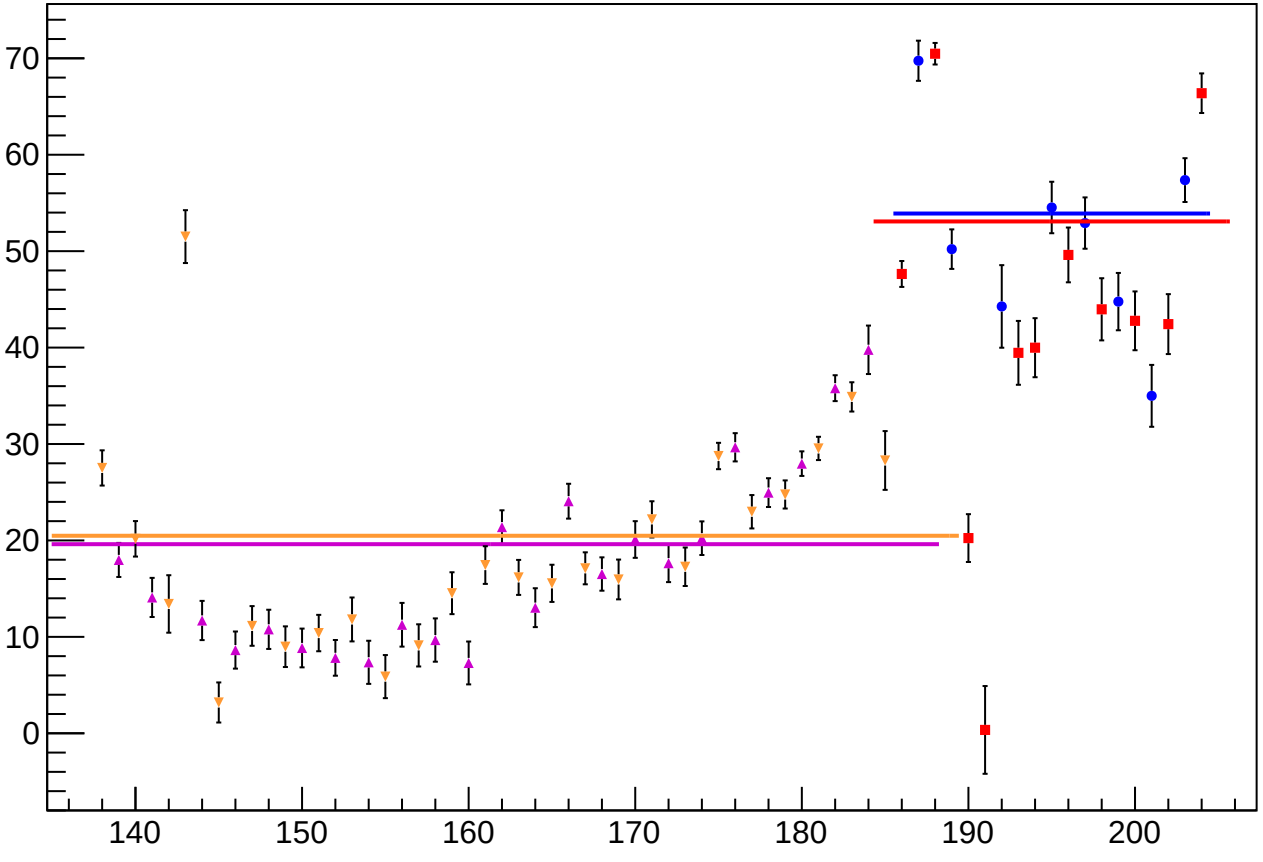
Right: -21.742+/-0.021 χ^2/NDF: 995980.8/53

In: -18.792+/-0.014 χ^2/NDF:764825.0/47

Out: -19.205+/-0.014 χ^2/NDF:781418.4/53

All: -19.005+/-0.010 χ^2/NDF: 1546673.2/101

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 53.903+/-0.910 χ^2/NDF: 112.9/7

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 53.081+/-0.641 χ^2/NDF: 677.8/10

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

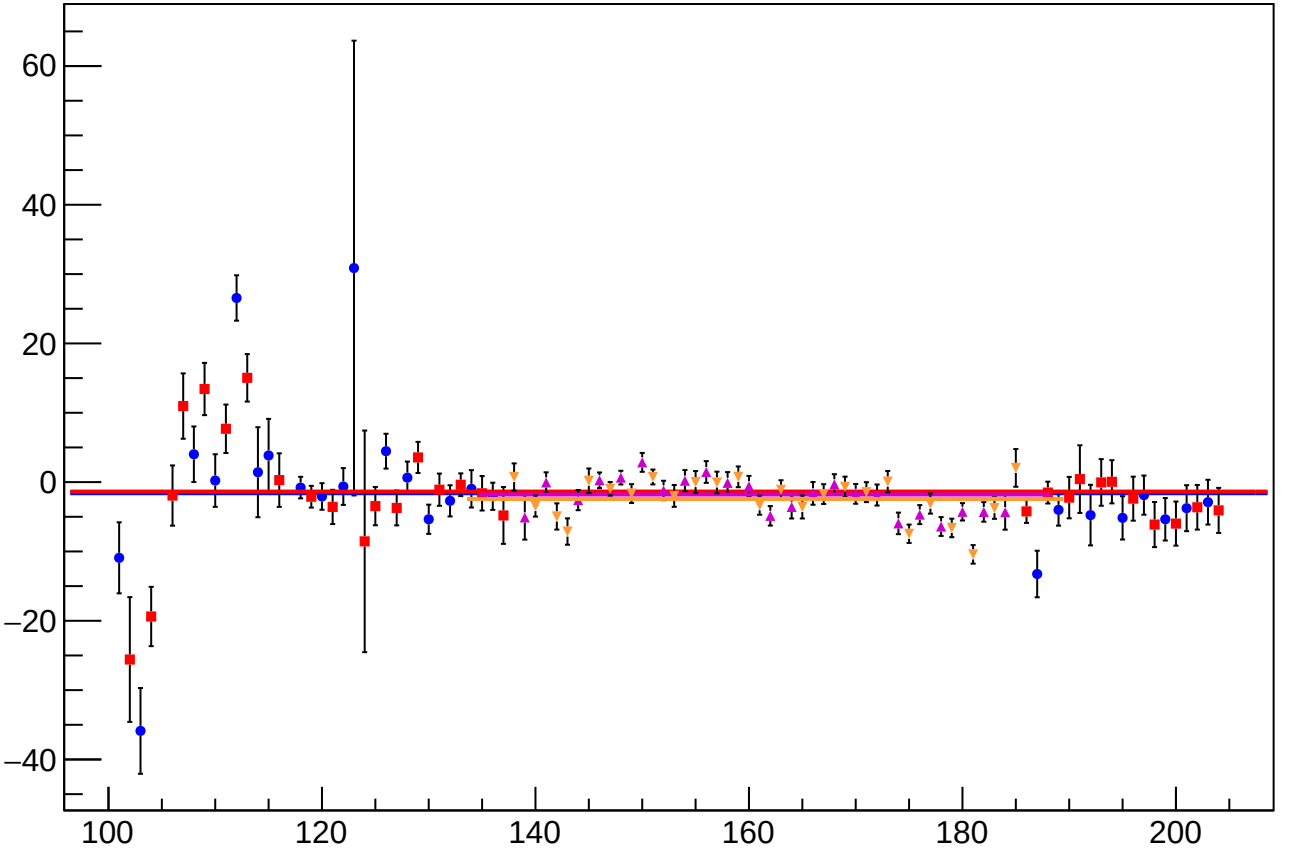
Right: 53.354+/-0.524 χ^2/NDF: 791.2/18

In: 24.676+/-0.350 χ^2/NDF:1896.9/30

Out: 28.744+/-0.323 χ^2/NDF:3221.8/35

All: 26.871+/-0.237 χ^2/NDF: 5191.7/66

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.602+/-0.559 χ^2/NDF: 140.3/24

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -1.362+/-0.506 χ^2/NDF: 94.8/28

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

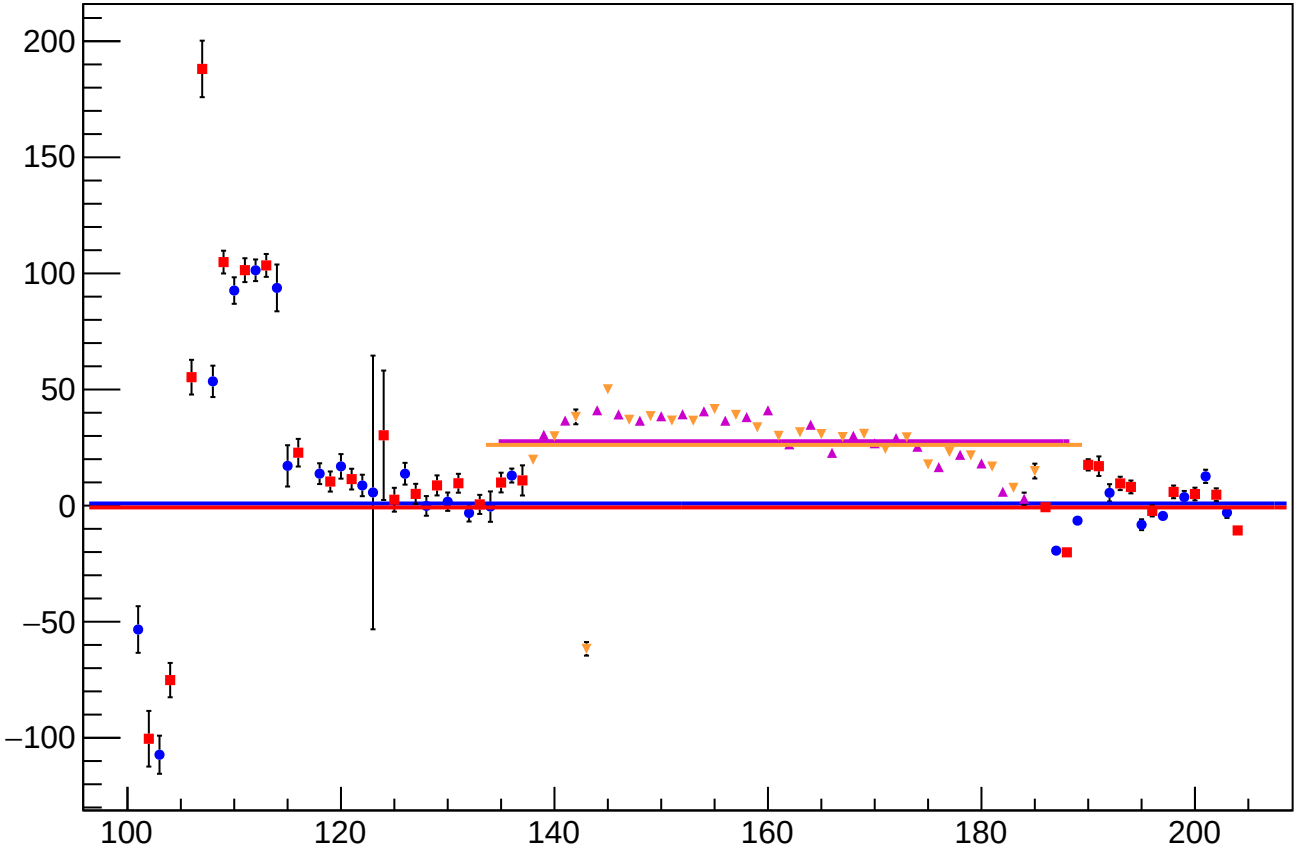
Right: -1.470+/-0.375 χ^2/NDF: 235.2/53

In: -1.749+/-0.265 χ^2/NDF:210.5/47

Out: -2.161+/-0.253 χ^2/NDF:201.9/53

All: -1.964+/-0.183 χ^2/NDF: 413.6/101

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.911+/-0.669 χ^2/NDF: 1320.8/24

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -0.782+/-0.500 χ^2/NDF: 2421.8/28

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

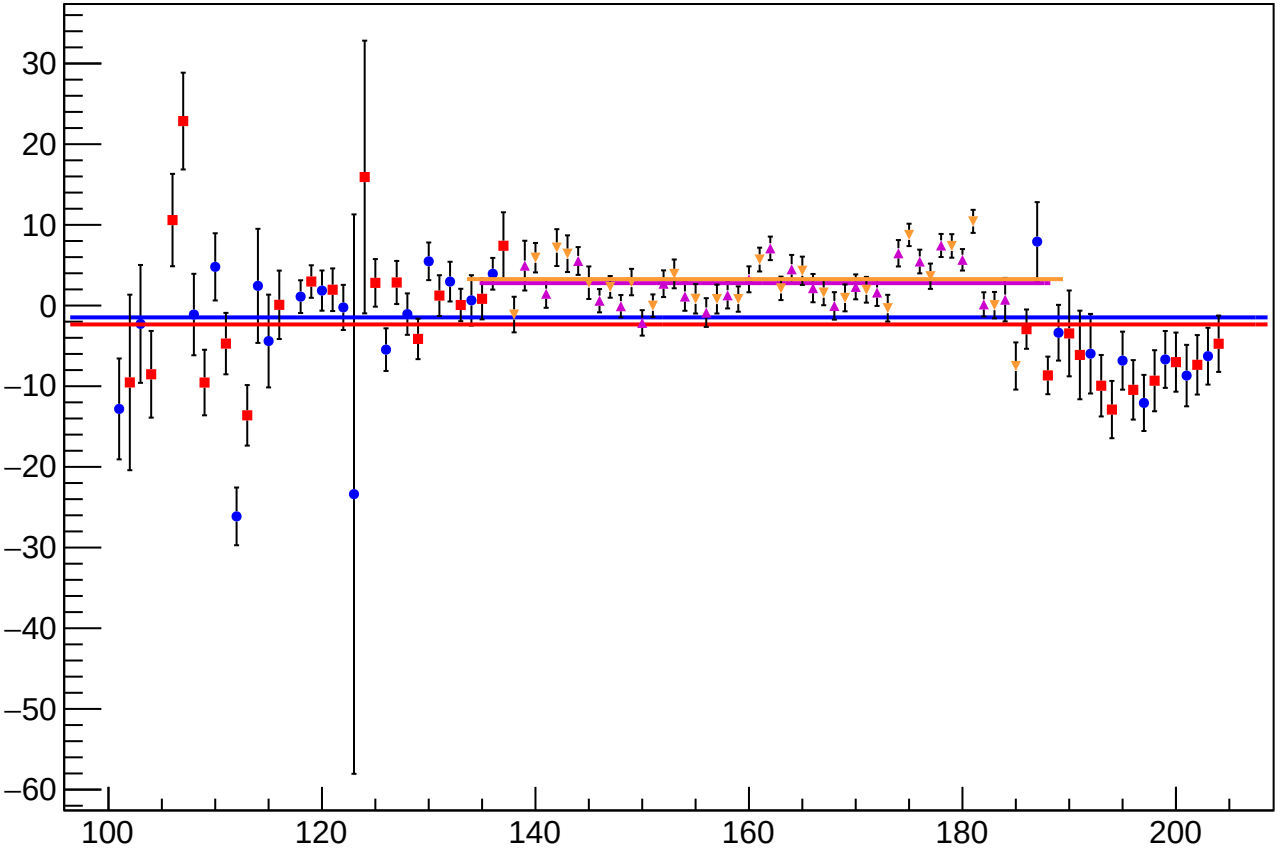
Right: -0.175+/-0.400 χ^2/NDF: 3746.8/53

In: 21.264+/-0.328 χ^2/NDF:3346.9/47

Out: 16.525+/-0.299 χ^2/NDF:5867.9/53

All: 18.673+/-0.221 χ^2/NDF: 9328.8/101

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.469+/-0.650 χ^2/NDF: 104.1/24

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -2.342+/-0.606 χ^2/NDF: 99.0/28

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

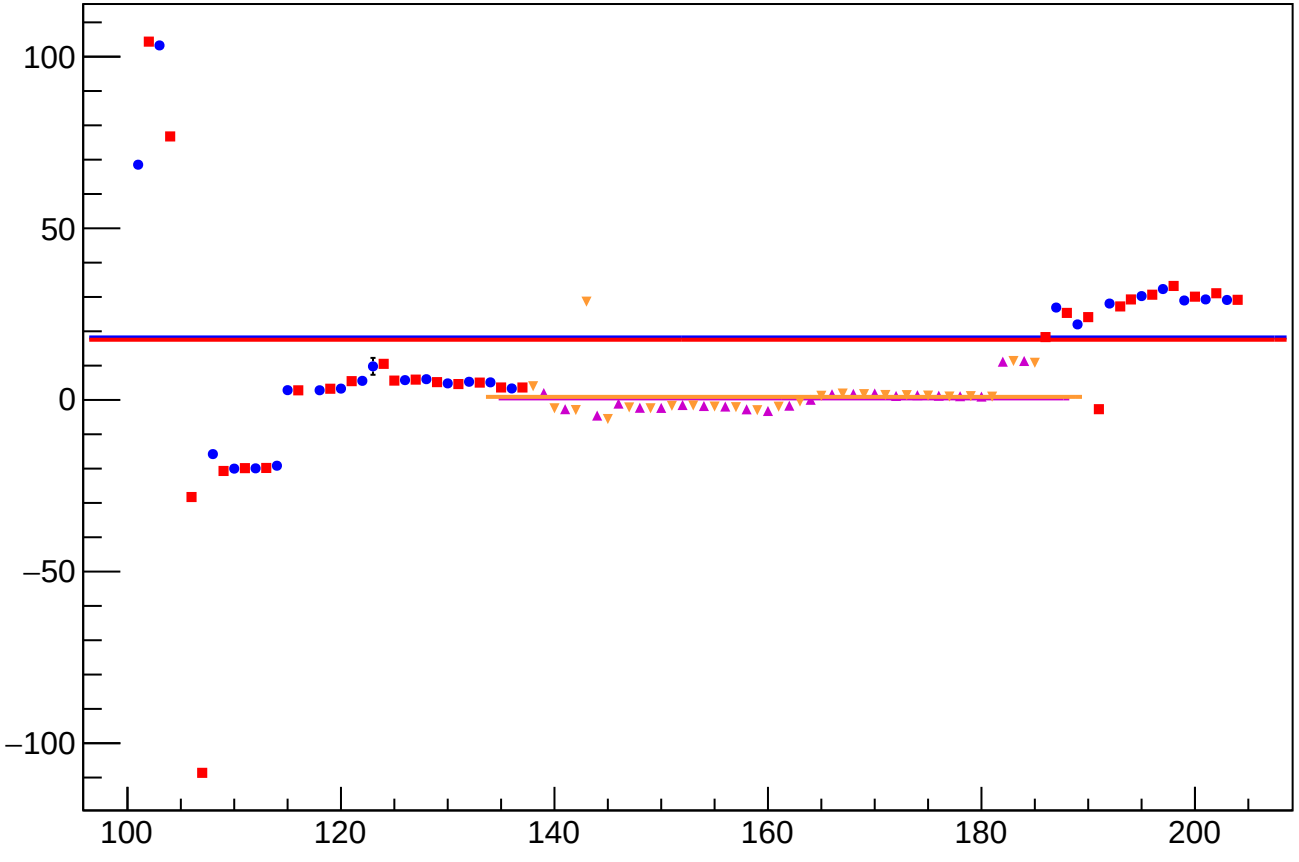
Right: -1.936+/-0.443 χ^2/NDF: 204.0/53

In: 1.864+/-0.301 χ^2/NDF:204.1/47

Out: 1.978+/-0.291 χ^2/NDF:266.8/53

All: 1.923+/-0.209 χ^2/NDF: 471.0/101

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 18.211+/-0.031 χ^2/NDF: 476757.2/24

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 17.539+/-0.029 χ^2/NDF: 714210.1/28

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

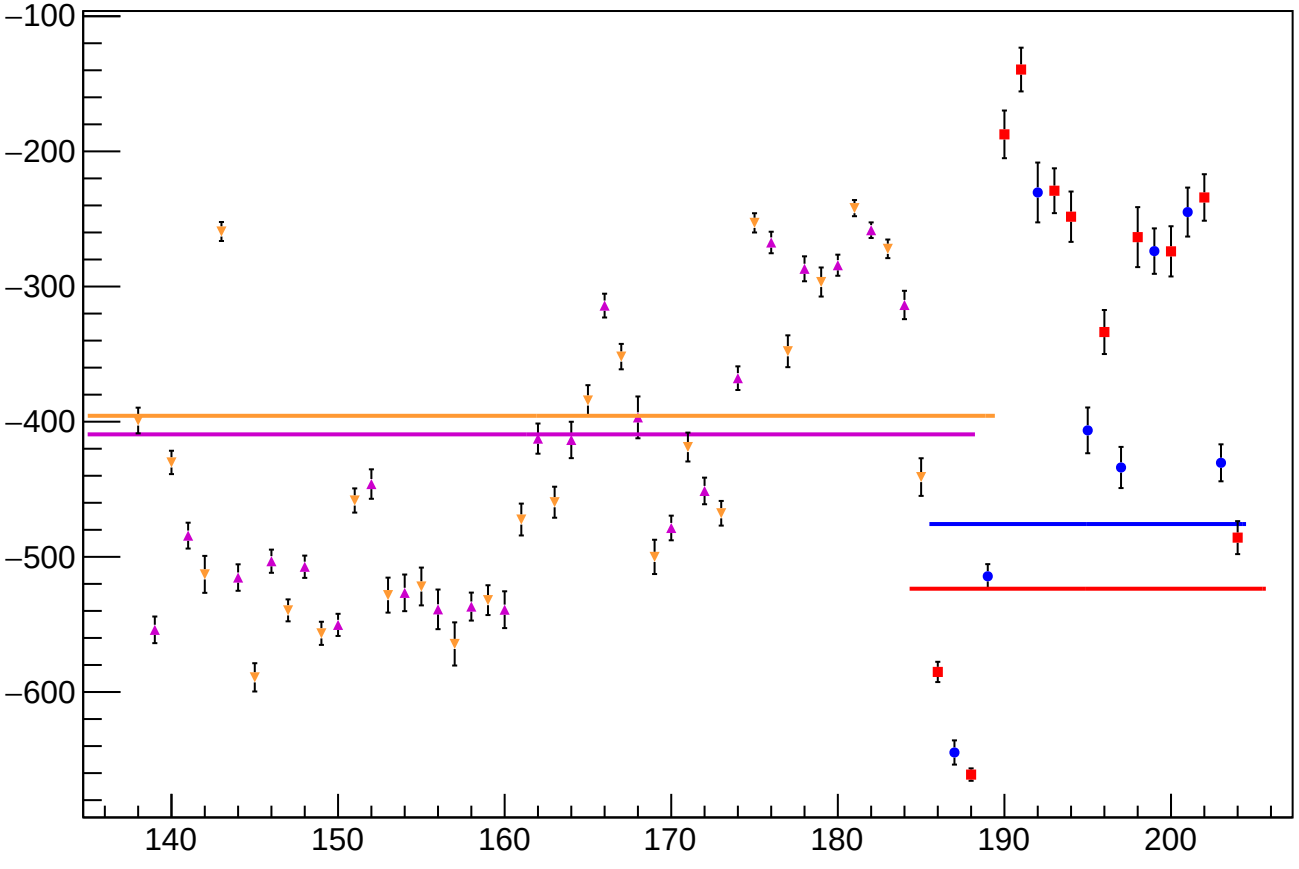
Right: 17.845+/-0.021 χ^2/NDF: 1191217.0/53

In: 3.876+/-0.014 χ^2/NDF:785440.9/47

Out: 4.545+/-0.013 χ^2/NDF:1084693.1/53

All: 4.219+/-0.010 χ^2/NDF: 1871343.0/101

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -475.724+/-4.631 χ^2/NDF: 838.7/7

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -523.579+/-3.202 χ^2/NDF: 3170.5/10

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

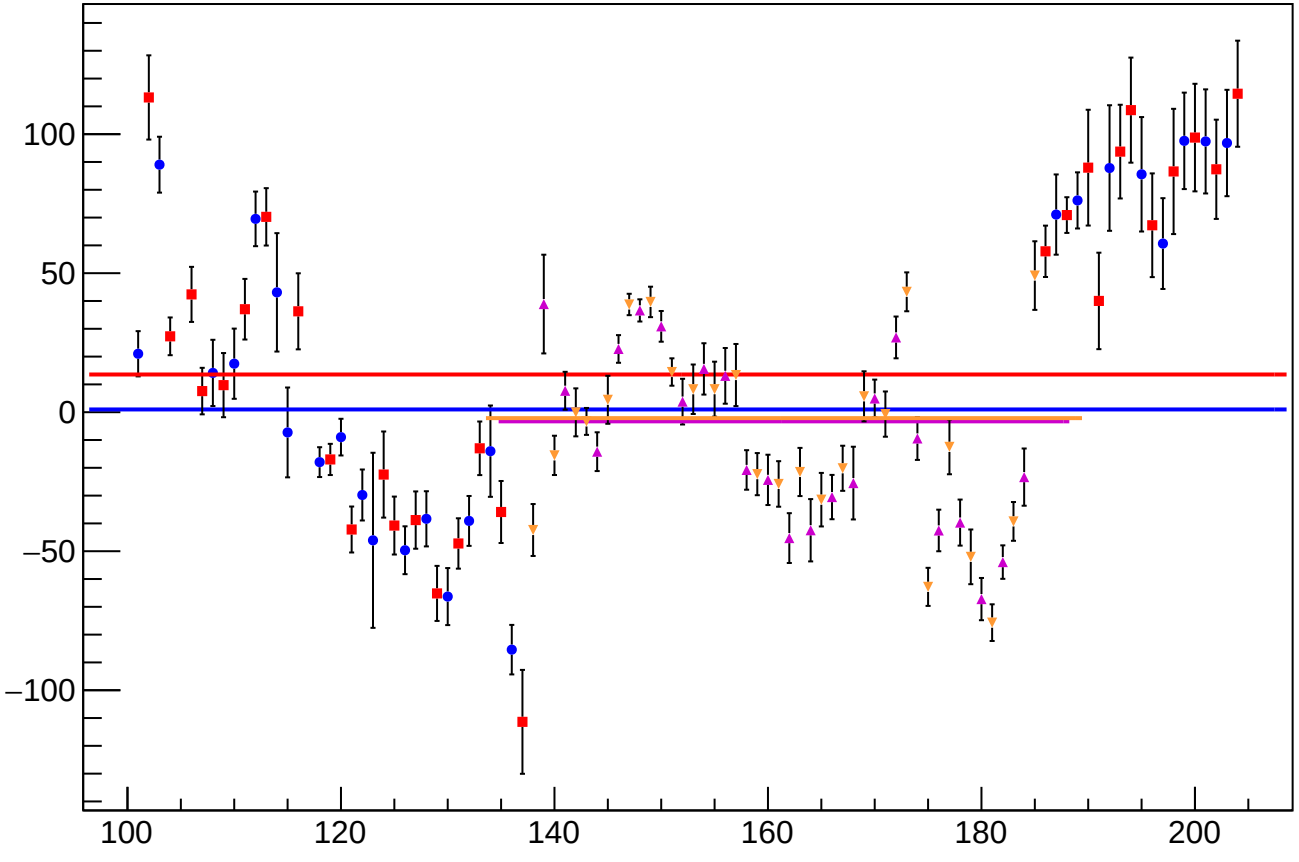
Right: -508.101+/-2.634 χ^2/NDF: 4081.4/18

In: -419.554+/-1.814 χ^2/NDF:4108.5/30

Out: -429.186+/-1.640 χ^2/NDF:8052.3/35

All: -424.855+/-1.216 χ^2/NDF: 12176.3/66

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.988+/-2.138 χ^2/NDF: 581.8/24

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 13.562+/-1.977 χ^2/NDF: 656.9/28

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

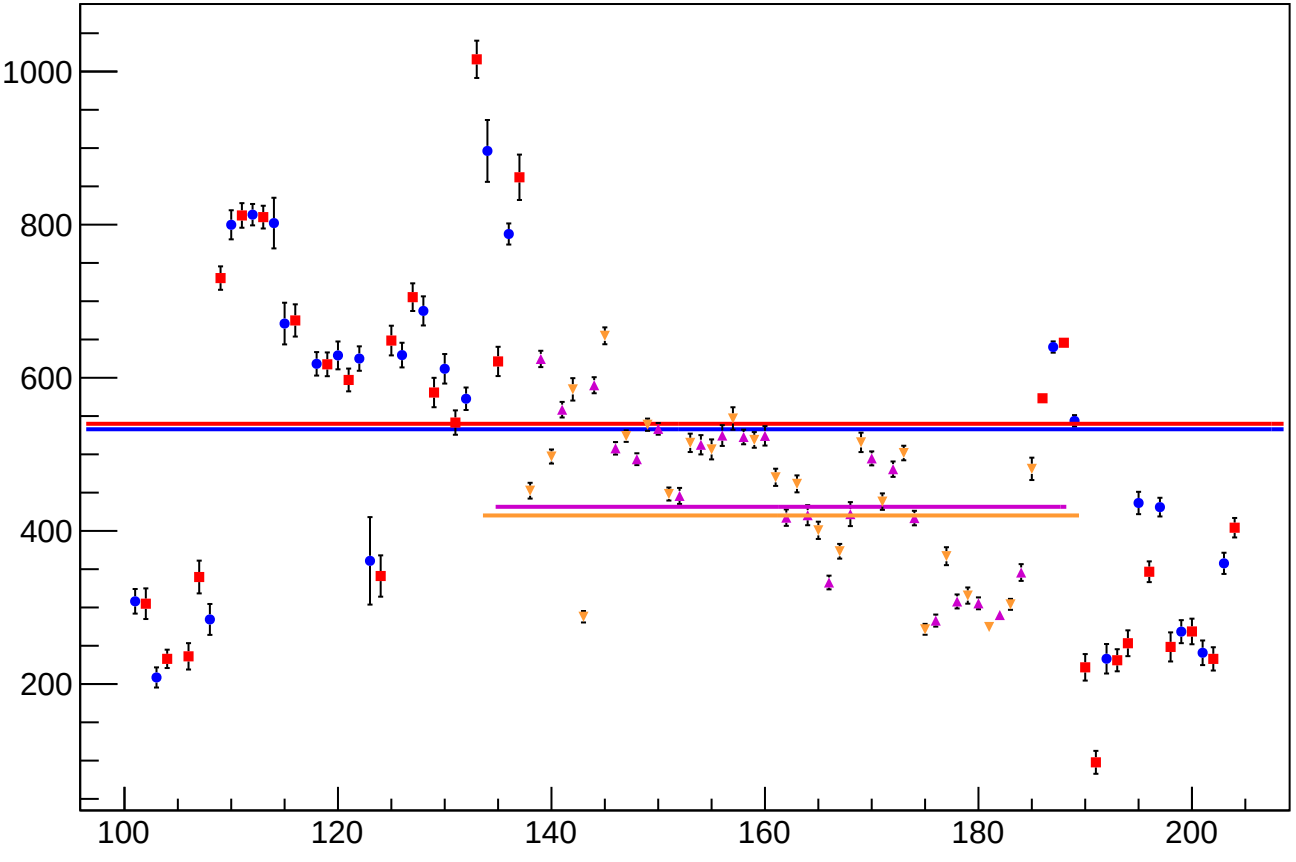
Right: 7.765+/-1.451 χ^2/NDF: 1257.4/53

In: -1.857+/-1.237 χ^2/NDF:1039.0/47

Out: 3.282+/-1.161 χ^2/NDF:1261.0/53

All: 0.874+/-0.847 χ^2/NDF: 2309.1/101

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 532.761+/-2.920 χ^2/NDF: 3664.9/24

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 539.910+/-2.249 χ^2/NDF: 6770.8/28

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

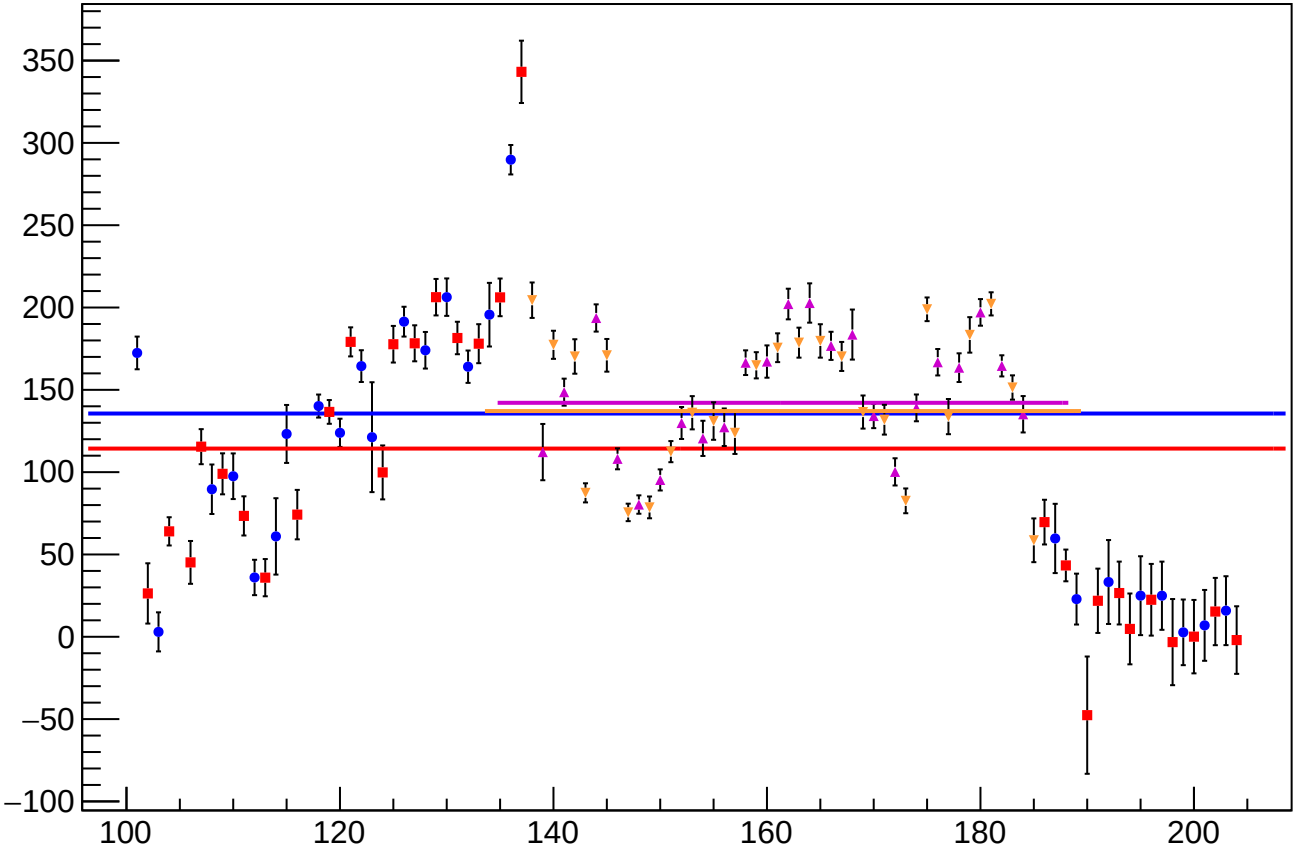
Right: 537.248+/-1.782 χ^2/NDF: 10439.5/53

In: 463.035+/-1.630 χ^2/NDF:7390.3/47

Out: 470.518+/-1.458 χ^2/NDF:11654.2/53

All: 467.191+/-1.087 χ^2/NDF: 19056.2/101

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 135.611+/-2.509 χ^2/NDF: 912.6/24

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 114.321+/-2.356 χ^2/NDF: 914.9/28

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

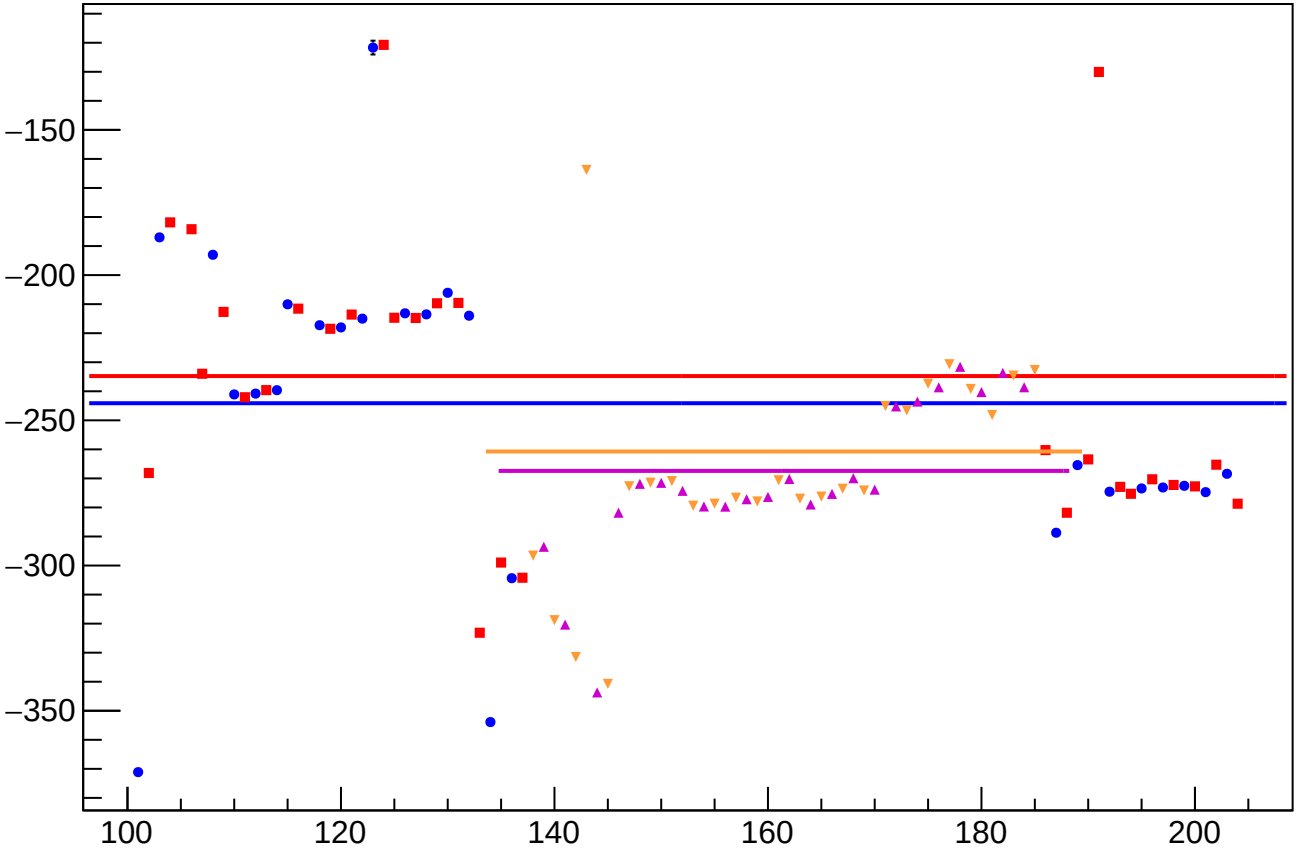
Right: 124.299+/-1.717 χ^2/NDF: 1865.8/53

In: 140.007+/-1.430 χ^2/NDF:1380.9/47

Out: 129.532+/-1.358 χ^2/NDF:1716.2/53

All: 134.502+/-0.985 χ^2/NDF: 3125.4/101

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -244.112+/-0.128 χ^2/NDF: 162524.9/24

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -234.763+/-0.116 χ^2/NDF: 167337.6/28

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

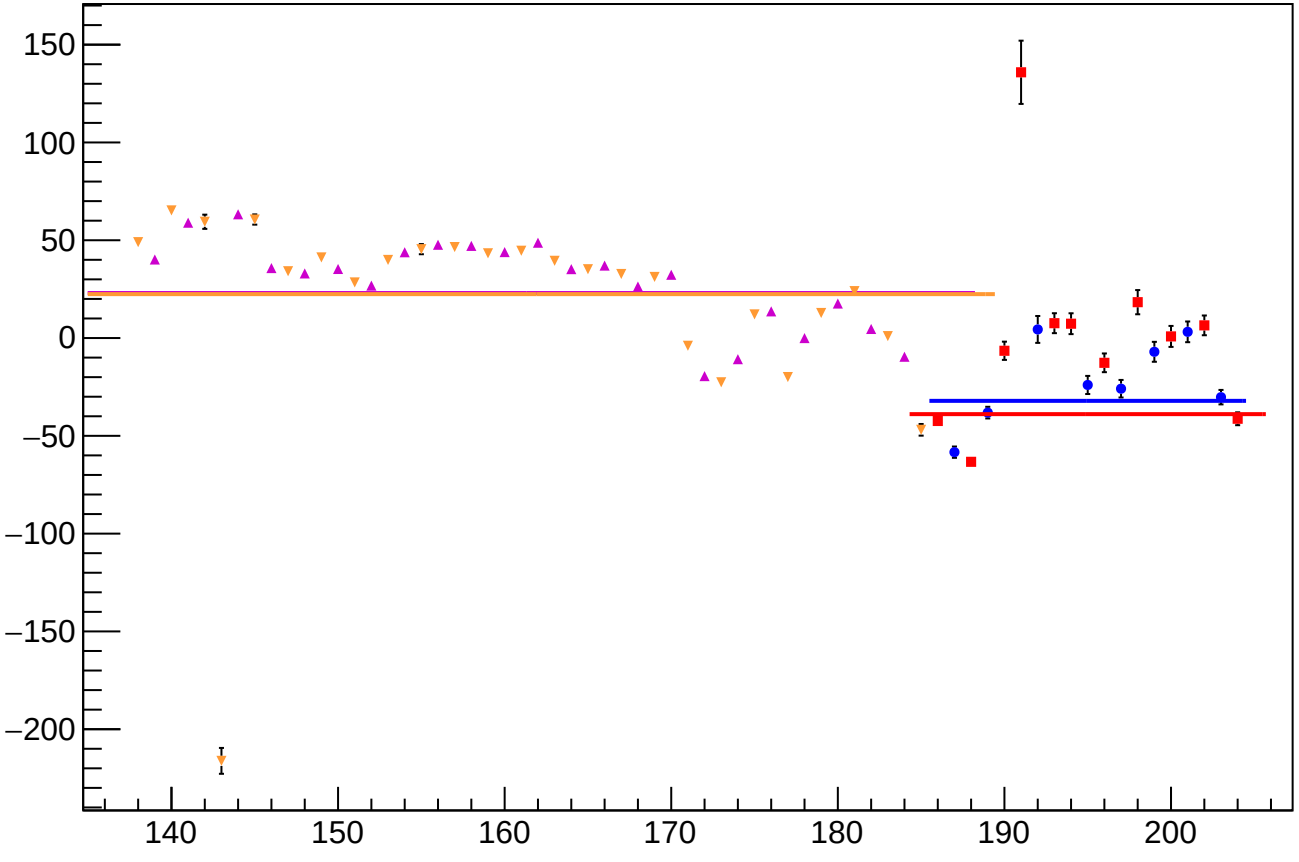
Right: -238.969+/-0.086 χ^2/NDF: 332796.5/53

In: -260.713+/-0.069 χ^2/NDF:285026.4/47

Out: -252.401+/-0.066 χ^2/NDF:421639.4/53

All: -256.365+/-0.047 χ^2/NDF: 714332.1/101

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.113+/-1.418 χ^2/NDF: 188.7/7

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -38.906+/-0.954 χ^2/NDF: 823.6/10

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

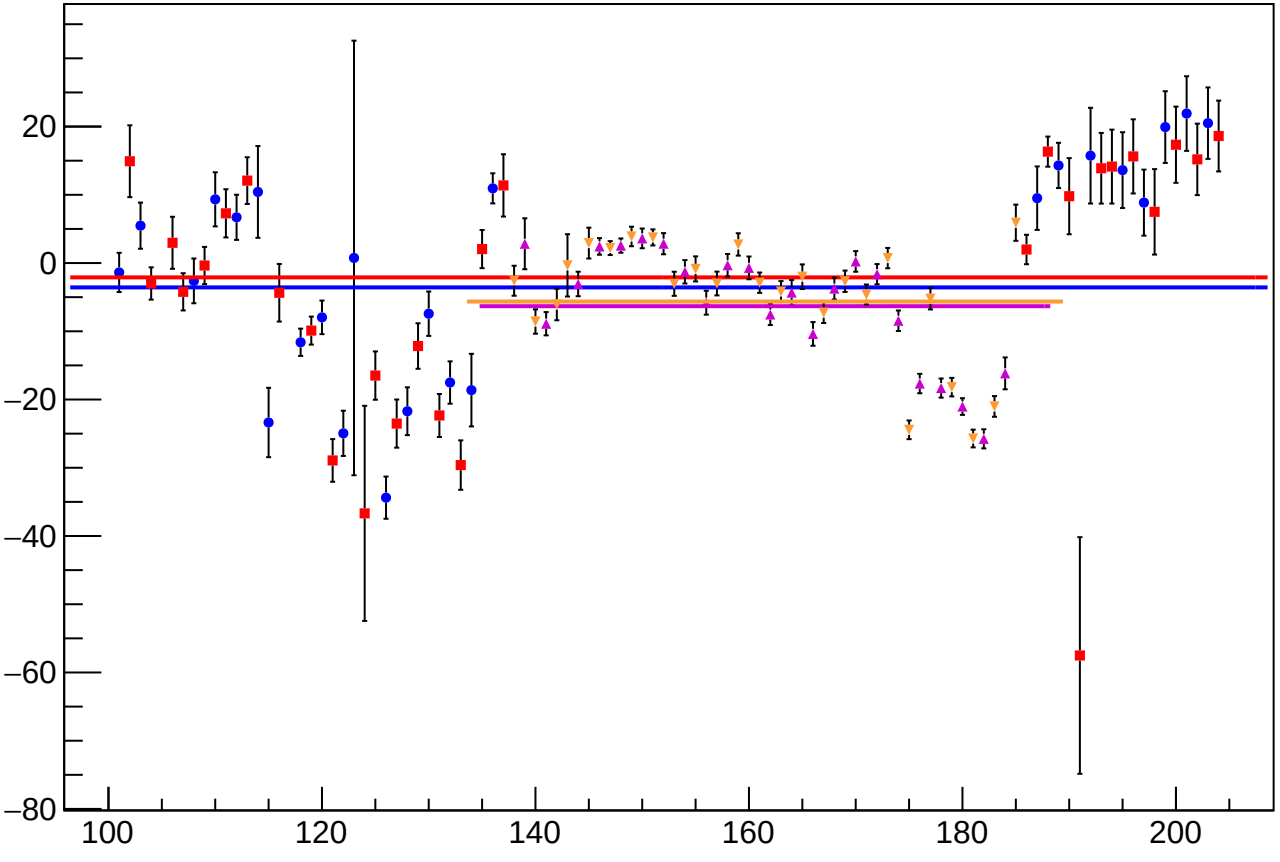
Right: -36.789+/-0.792 χ^2/NDF: 1028.0/18

In: 18.961+/-0.385 χ^2/NDF:4408.4/30

Out: 13.320+/-0.368 χ^2/NDF:9278.9/35

All: 16.015+/-0.266 χ^2/NDF: 13799.5/66

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.569+/-0.709 χ^2/NDF: 431.0/24

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -2.101+/-0.644 χ^2/NDF: 461.6/28

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

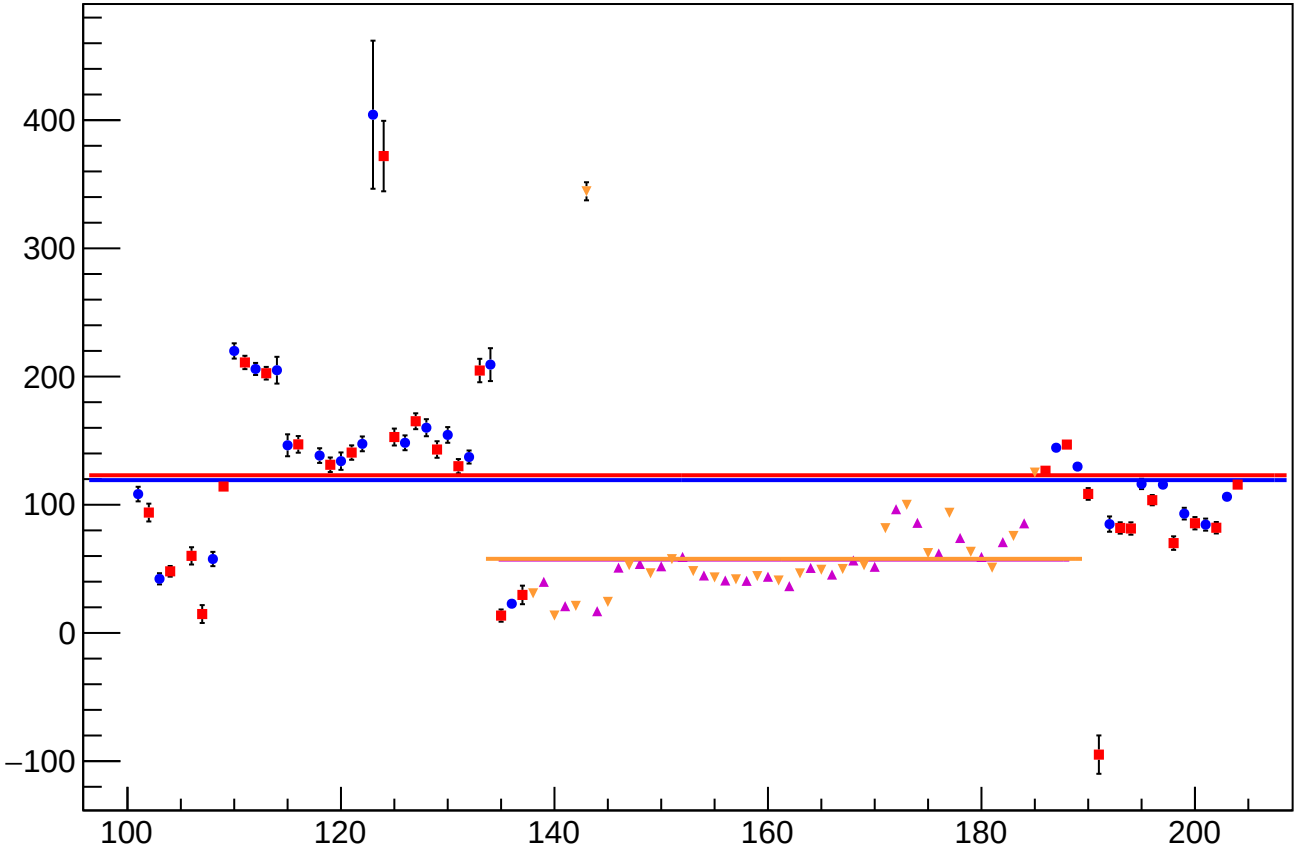
Right: -2.764+/-0.477 χ^2/NDF: 894.9/53

In: -5.857+/-0.292 χ^2/NDF:1227.9/47

Out: -4.954+/-0.283 χ^2/NDF:1377.4/53

All: -5.392+/-0.203 χ^2/NDF: 2610.3/101

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 119.208+/-0.925 χ^2/NDF: 2427.6/24

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 122.997+/-0.690 χ^2/NDF: 3203.0/28

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

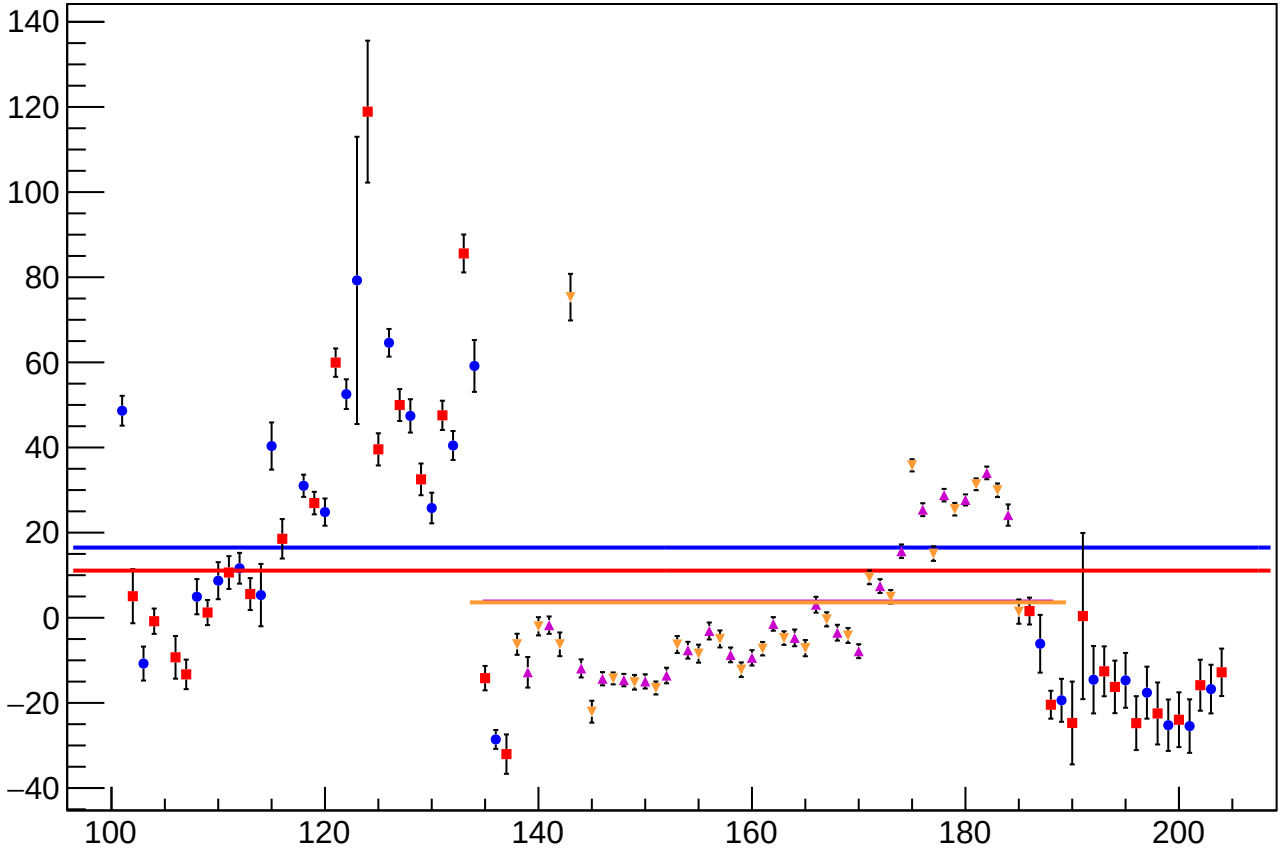
Right: 121.644+/-0.553 χ^2/NDF: 5641.3/53

In: 66.907+/-0.366 χ^2/NDF:8075.1/47

Out: 74.104+/-0.345 χ^2/NDF:14236.5/53

All: 70.718+/-0.251 χ^2/NDF: 22516.8/101

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.493+/-0.823 χ^2/NDF: 1371.0/24

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 11.080+/-0.766 χ^2/NDF: 1418.8/28

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

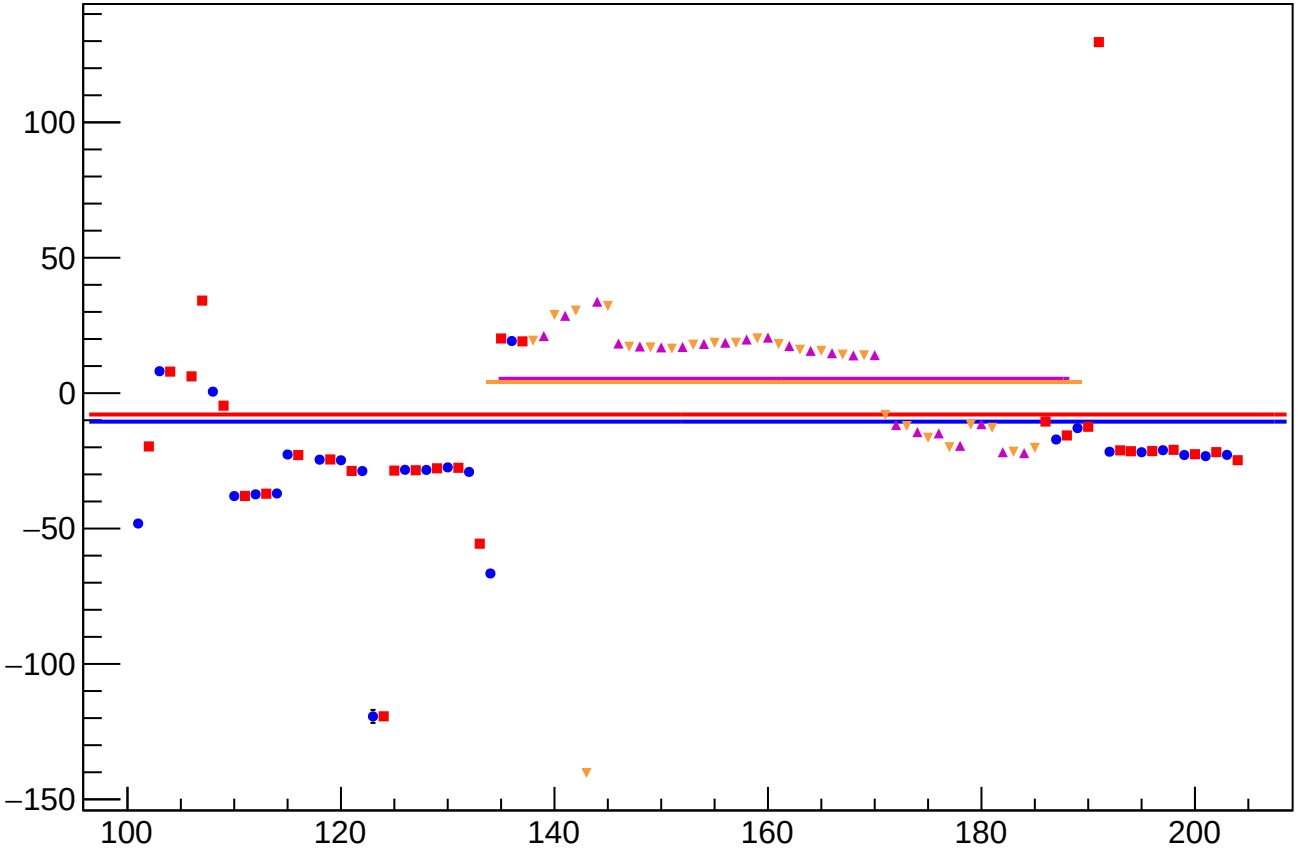
Right: 13.593+/-0.561 χ^2/NDF: 2813.0/53

In: 5.855+/-0.330 χ^2/NDF:3773.6/47

Out: 4.945+/-0.323 χ^2/NDF:3998.0/53

All: 5.390+/-0.231 χ^2/NDF: 7775.5/101

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.521+/-0.039 χ^2/NDF: 295261.1/24

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -7.887+/-0.037 χ^2/NDF: 382345.8/28

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

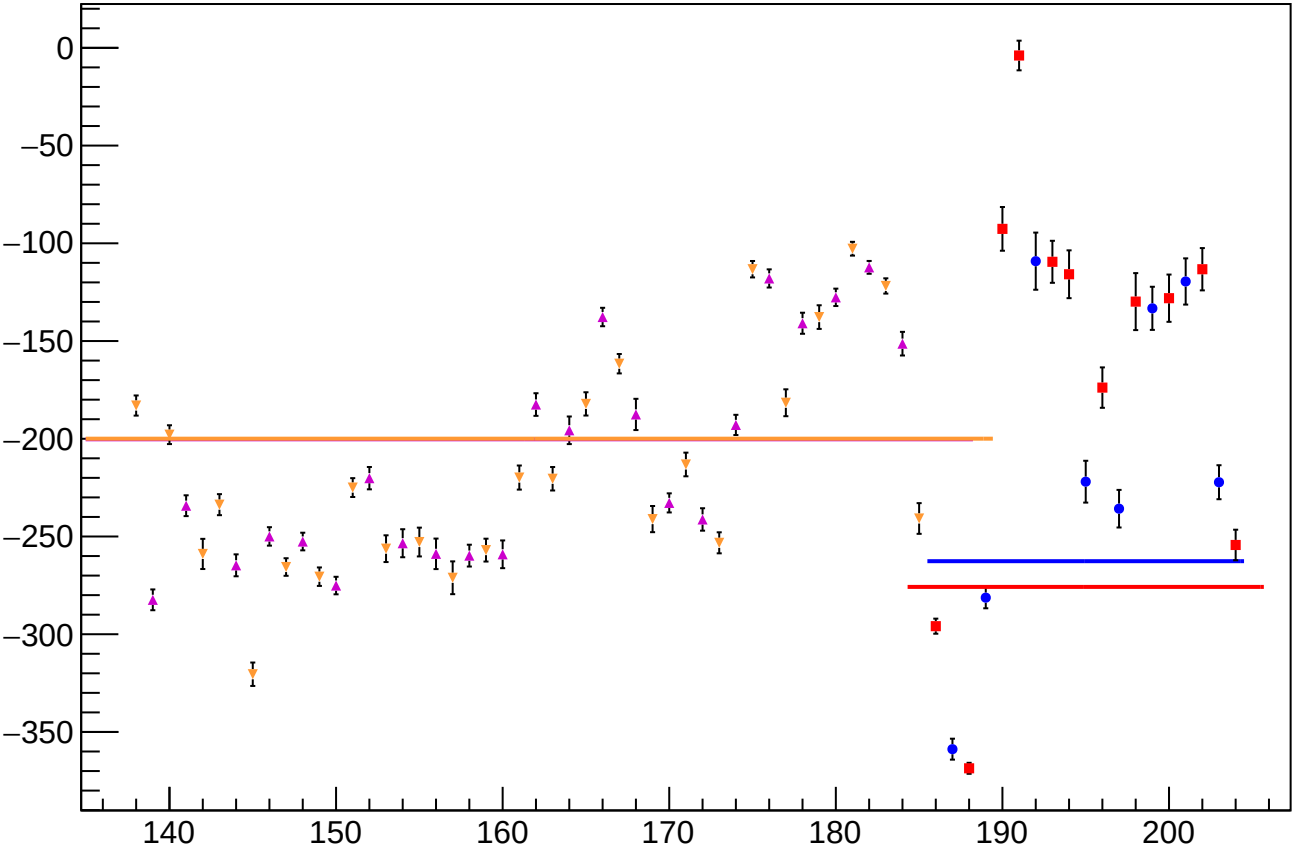
Right: -9.122+/-0.027 χ^2/NDF: 680001.8/53

In: 2.962+/-0.015 χ^2/NDF:1523527.1/47

Out: 2.144+/-0.015 χ^2/NDF:1811148.0/53

All: 2.549+/-0.011 χ^2/NDF: 3336159.3/101

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -262.630+/-2.869 χ^2/NDF: 772.2/7

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -275.789+/-1.889 χ^2/NDF: 3658.9/10

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

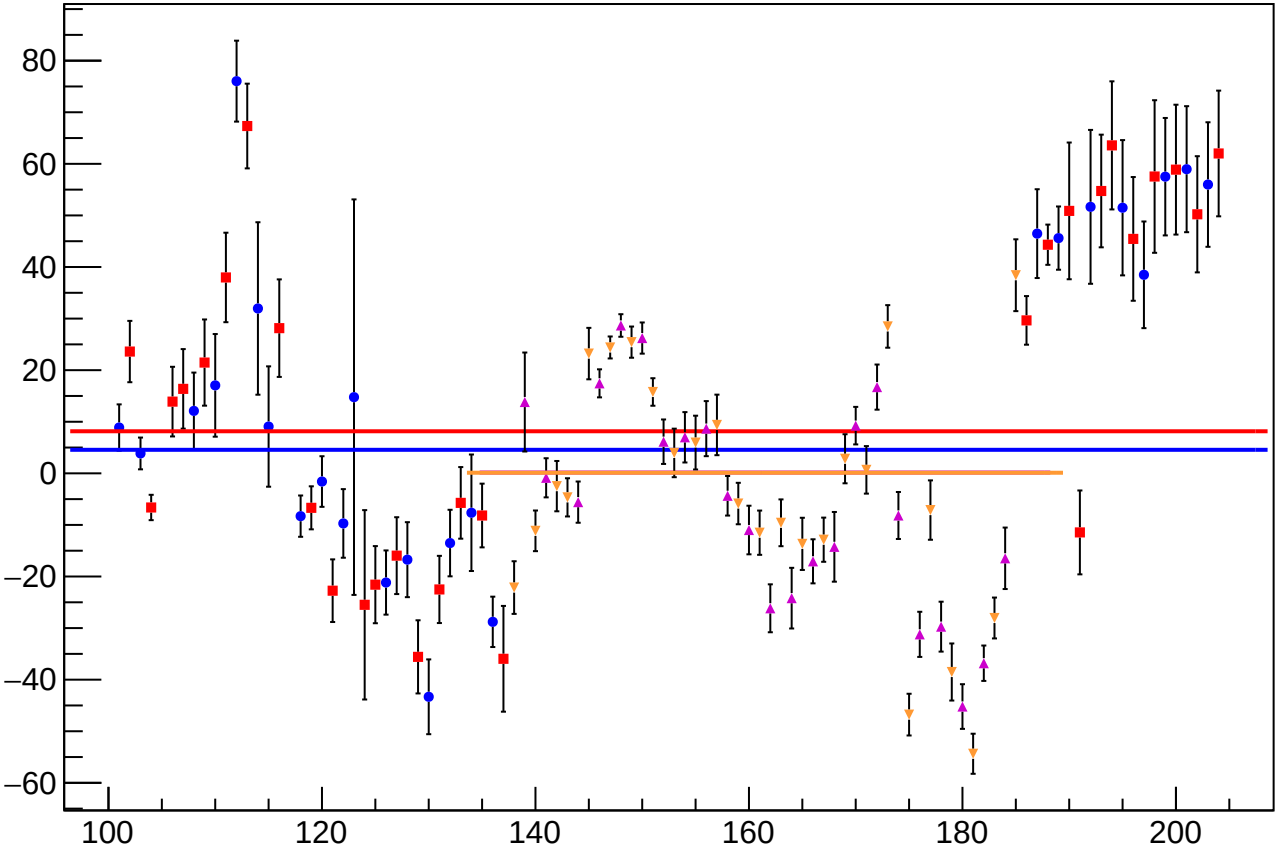
Right: -271.810+/-1.578 χ^2/NDF: 4445.8/18

In: -208.184+/-1.022 χ^2/NDF:4198.4/30

Out: -218.679+/-0.939 χ^2/NDF:8093.1/35

All: -213.875+/-0.691 χ^2/NDF: 12348.7/66

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.561+/-1.341 χ^2/NDF: 392.6/24

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 8.155+/-1.205 χ^2/NDF: 505.1/28

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

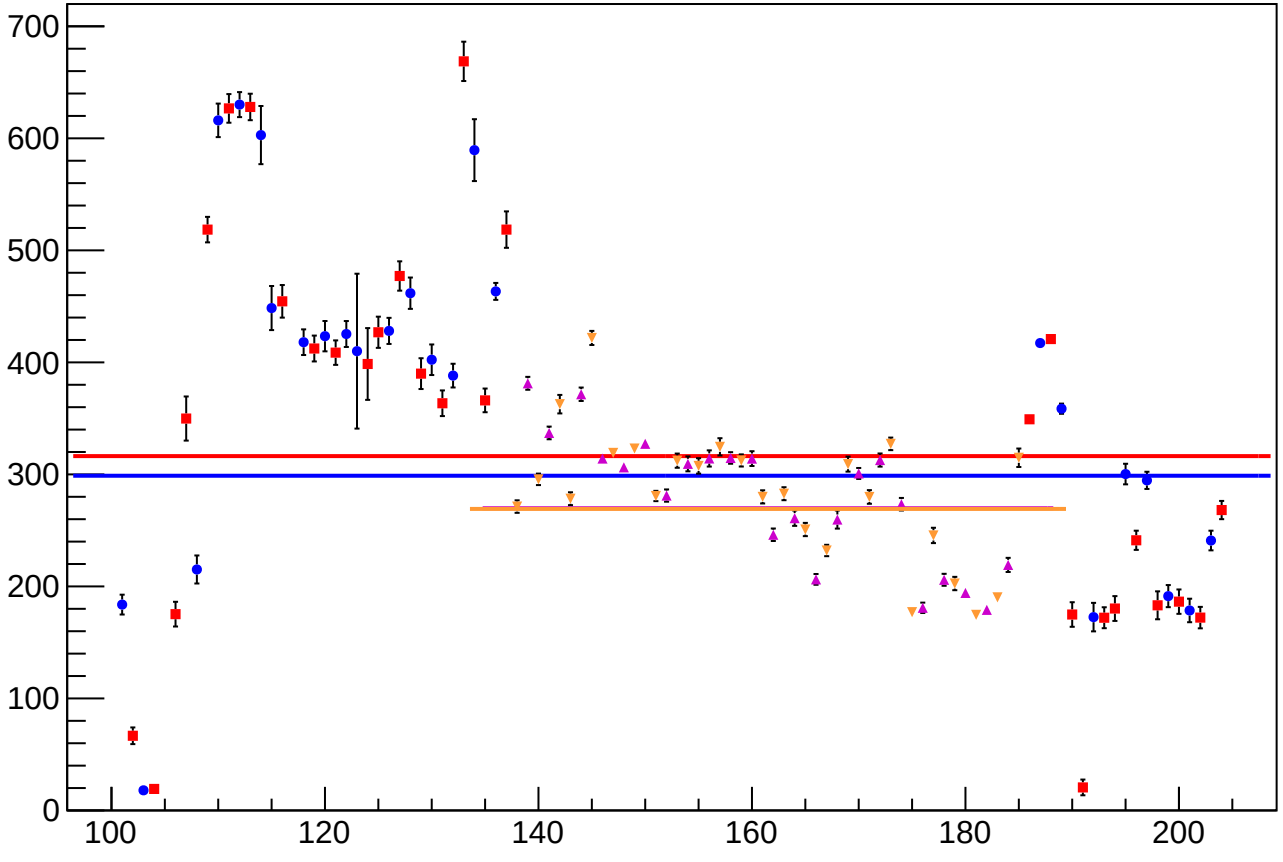
Right: 6.549+/-0.896 χ^2/NDF: 901.7/53

In: 1.388+/-0.709 χ^2/NDF:1120.0/47

Out: 2.620+/-0.673 χ^2/NDF:1365.9/53

All: 2.037+/-0.488 χ^2/NDF: 2487.5/101

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 298.799+/-1.740 χ^2/NDF: 9122.1/24

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 316.324+/-1.326 χ^2/NDF: 13819.4/28

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

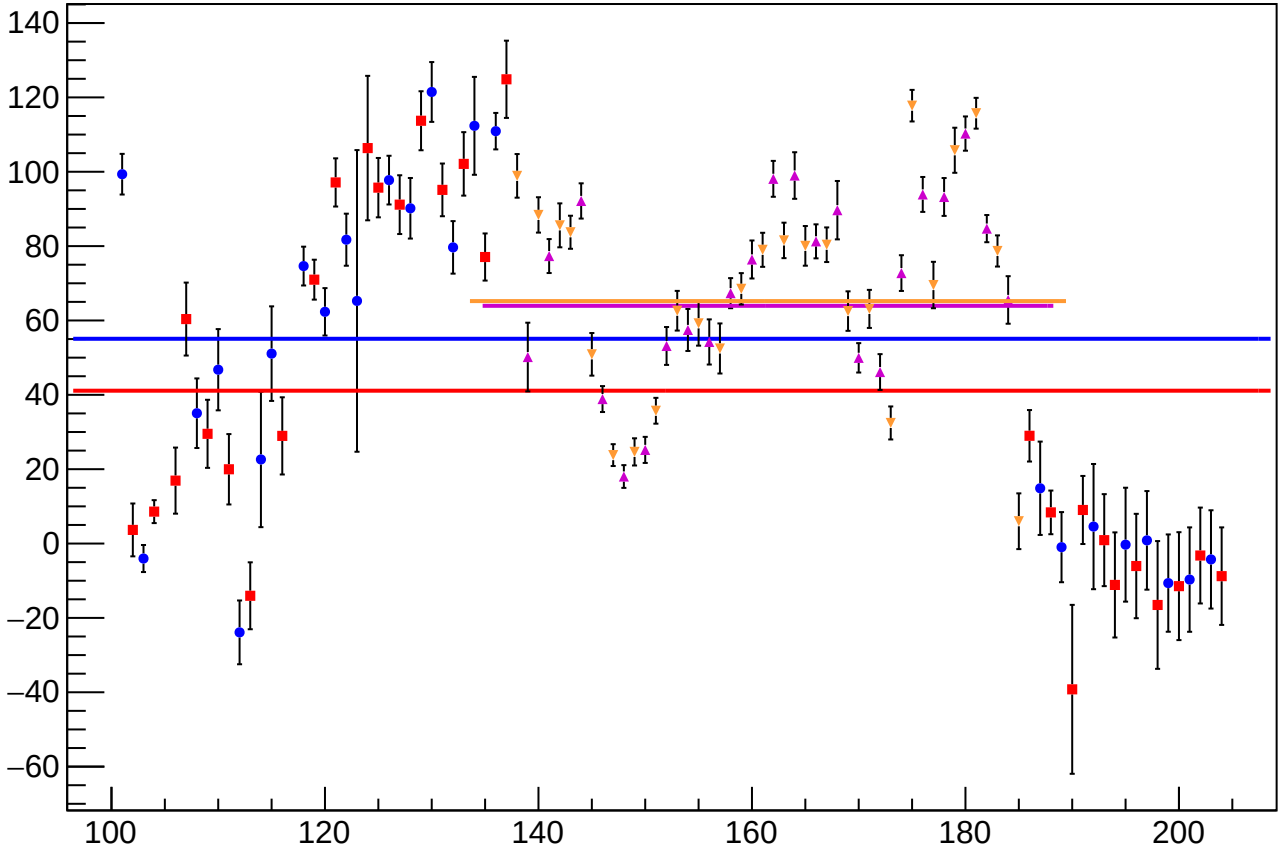
Right: 309.885+/-1.055 χ^2/NDF: 23005.7/53

In: 277.942+/-0.922 χ^2/NDF:12556.9/47

Out: 288.003+/-0.838 χ^2/NDF:17727.4/53

All: 283.452+/-0.620 χ^2/NDF: 30349.5/101

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.076+/-1.576 χ^2/NDF: 893.3/24

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 41.112+/-1.460 χ^2/NDF: 834.6/28

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

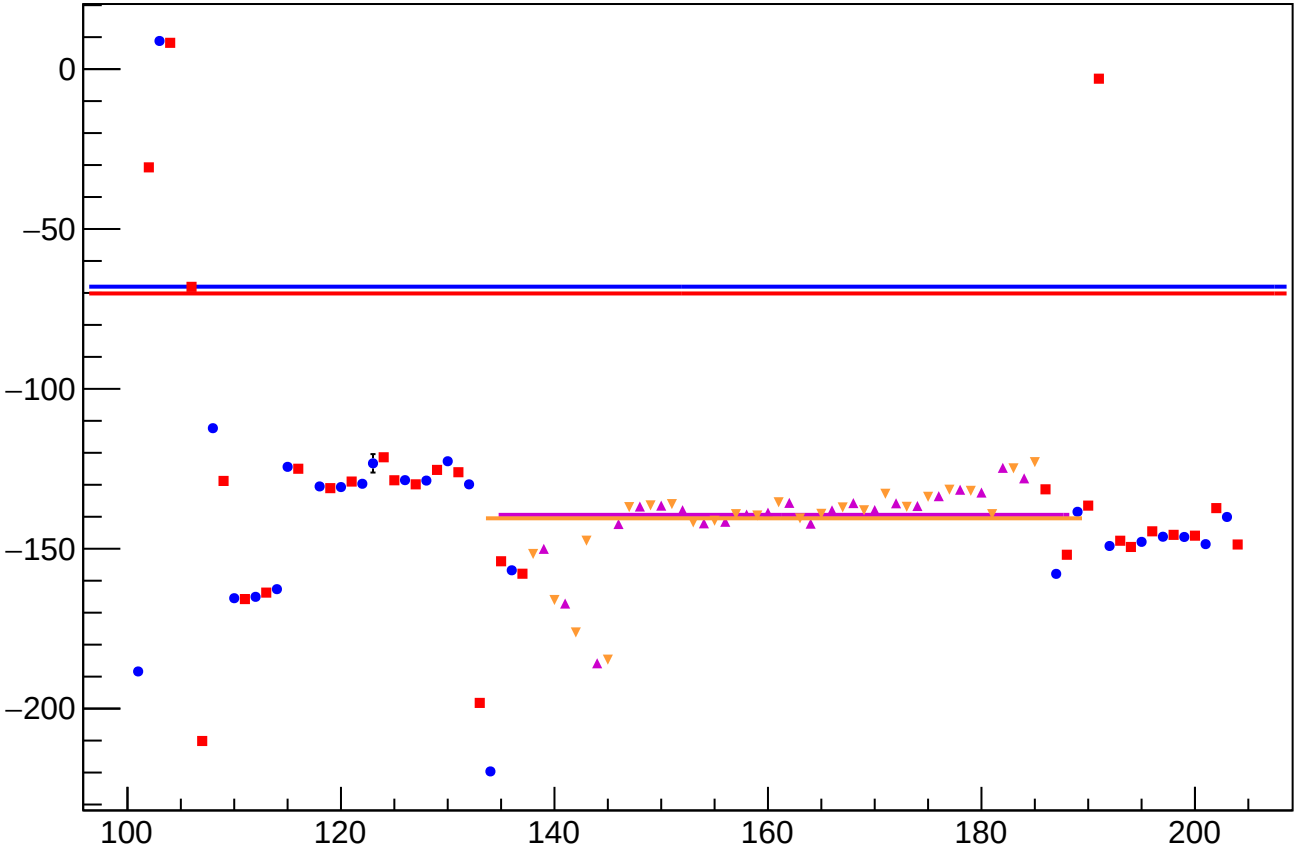
Right: 47.561+/-1.071 χ^2/NDF: 1770.2/53

In: 61.541+/-0.820 χ^2/NDF:1719.8/47

Out: 58.167+/-0.789 χ^2/NDF:2033.2/53

All: 59.789+/-0.569 χ^2/NDF: 3761.8/101

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -68.040+/-0.065 χ^2/NDF: 1501722.1/24

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -70.166+/-0.062 χ^2/NDF: 1374215.2/28

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

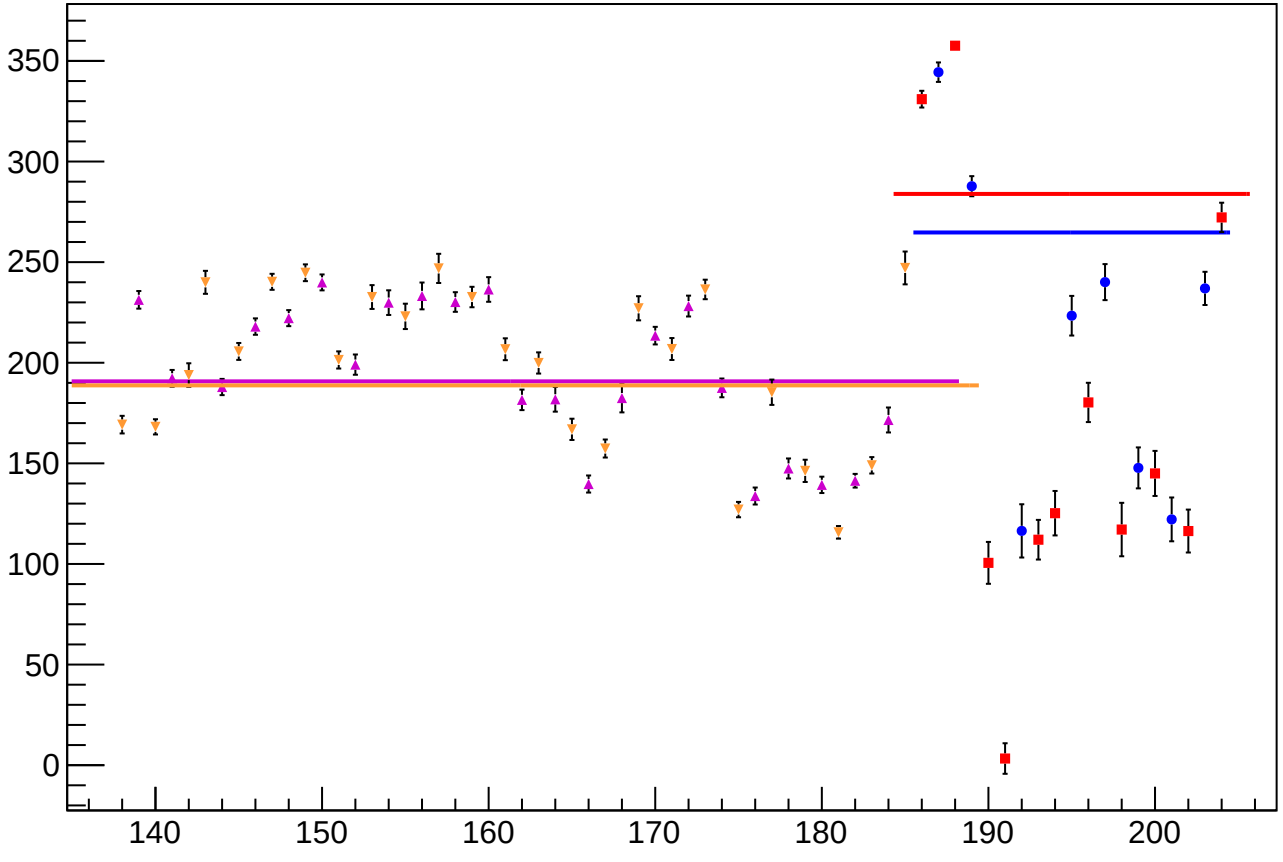
Right: -69.149+/-0.045 χ^2/NDF: 2876503.4/53

In: -116.171+/-0.037 χ^2/NDF:2389410.4/47

Out: -116.335+/-0.036 χ^2/NDF:2301968.2/53

All: -116.255+/-0.026 χ^2/NDF: 4691388.7/10

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 264.745+/-2.635 χ^2/NDF: 758.0/7

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 283.899+/-1.785 χ^2/NDF: 3853.8/10

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

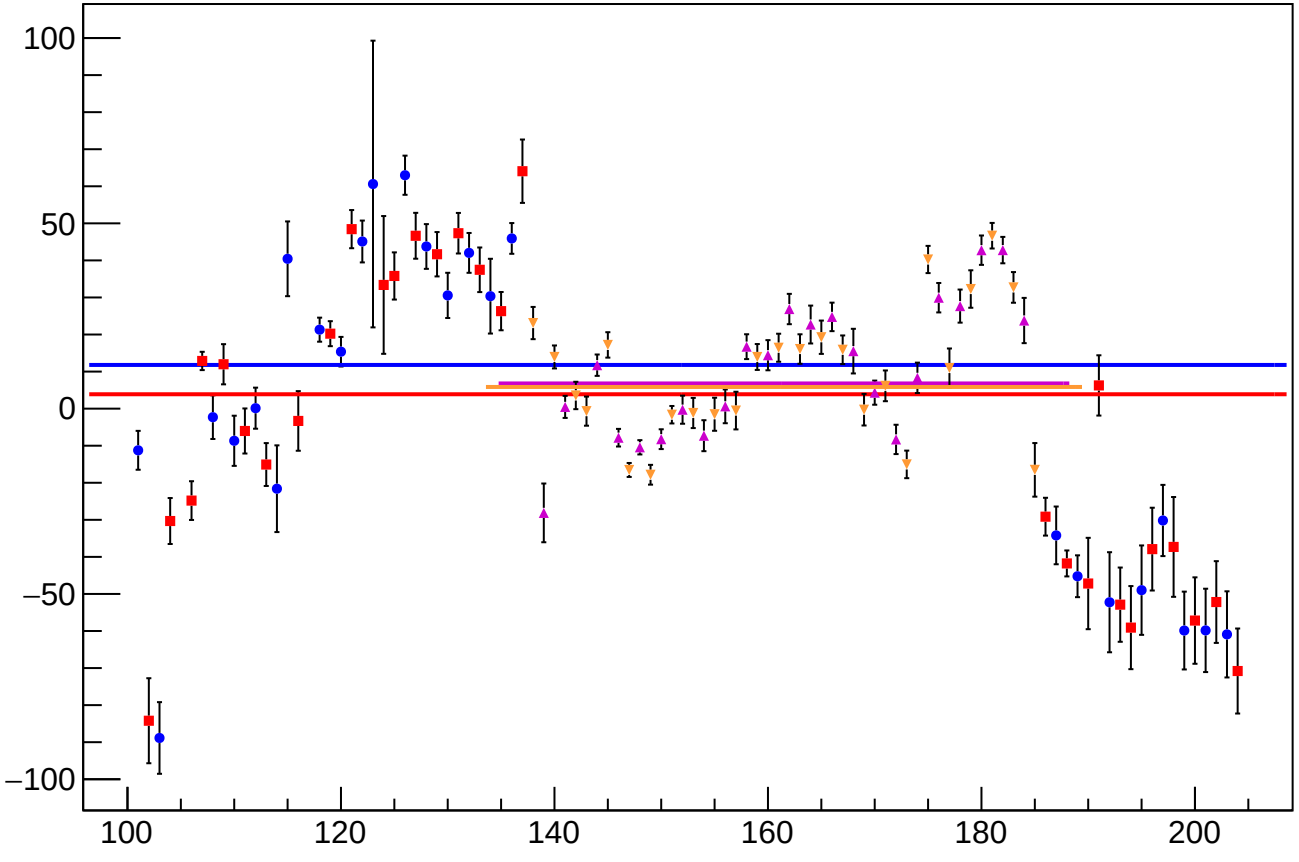
Right: 277.875+/-1.478 χ^2/NDF: 4648.0/18

In: 199.600+/-0.911 χ^2/NDF:2874.0/30

Out: 210.036+/-0.844 χ^2/NDF:8029.0/35

All: 205.215+/-0.619 χ^2/NDF: 10973.6/66

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.793+/-1.265 χ^2/NDF: 773.4/24

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 3.883+/-1.080 χ^2/NDF: 937.3/28

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

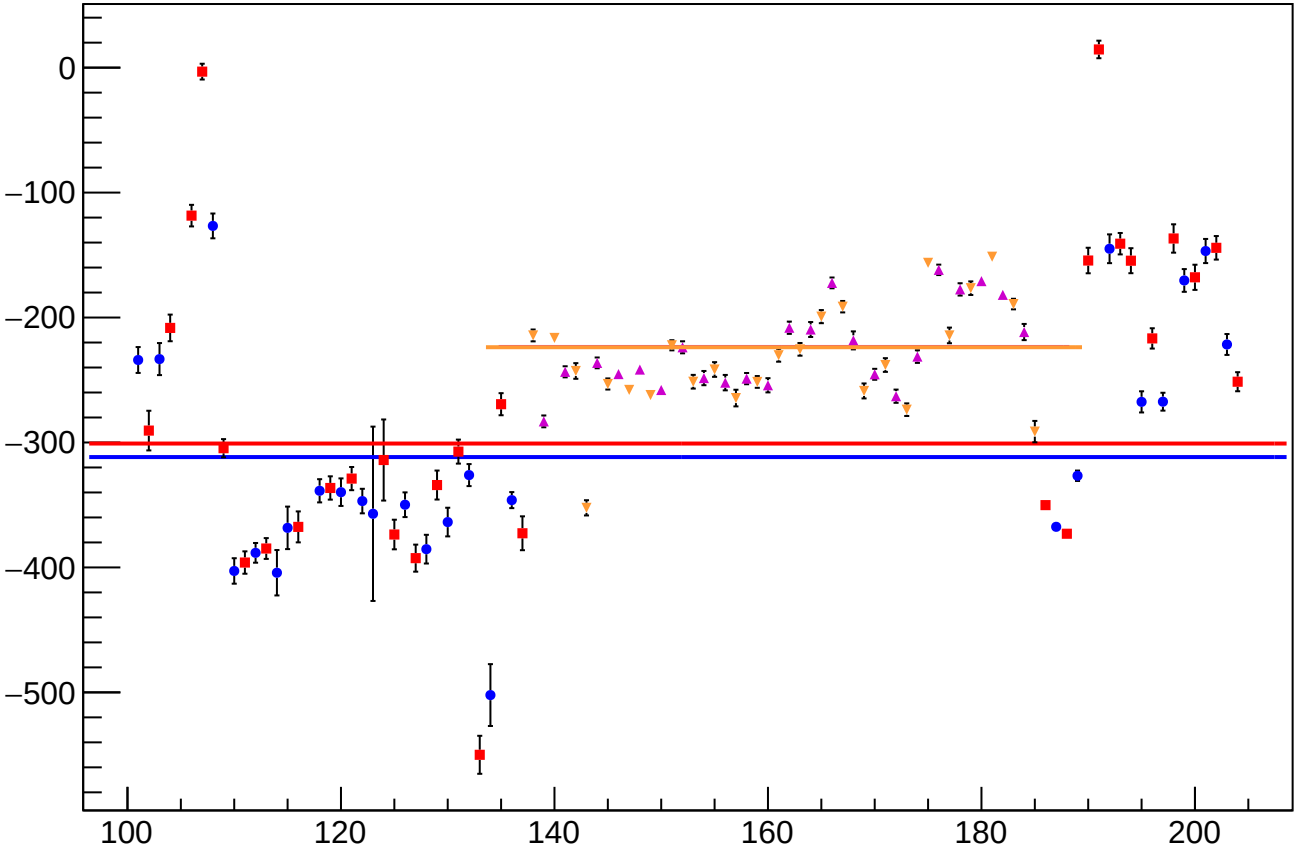
Right: 7.220+/-0.821 χ^2/NDF: 1733.3/53

In: 8.058+/-0.635 χ^2/NDF:1310.9/47

Out: 5.252+/-0.596 χ^2/NDF:1590.3/53

All: 6.565+/-0.435 χ^2/NDF: 2911.5/101

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -311.671+/-1.686 χ^2/NDF: 1982.0/24

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -300.843+/-1.253 χ^2/NDF: 8539.3/28

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

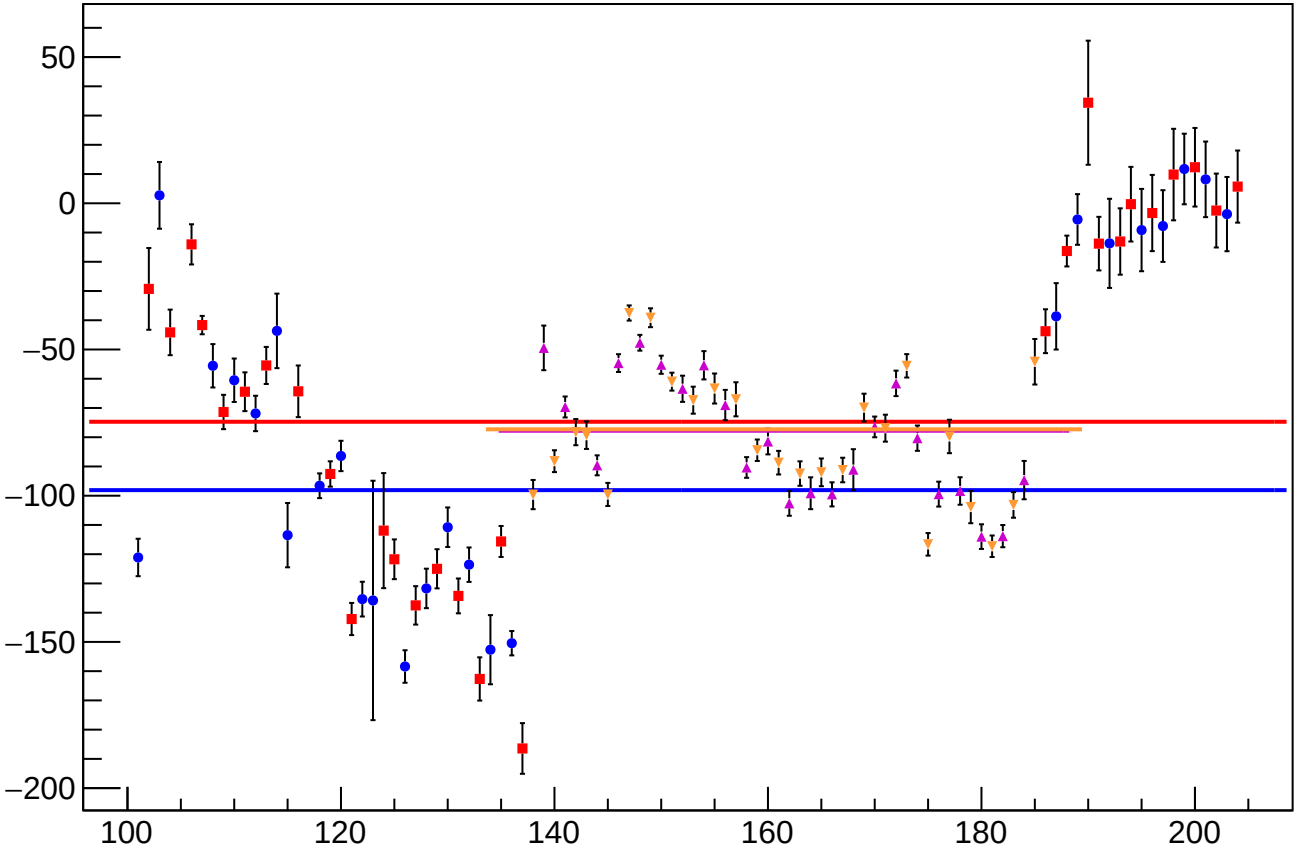
Right: -304.694+/-1.006 χ^2/NDF: 10547.9/53

In: -245.311+/-0.838 χ^2/NDF:5324.7/47

Out: -252.191+/-0.761 χ^2/NDF:12949.9/53

All: -249.081+/-0.563 χ^2/NDF: 18311.5/101

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.094+/-1.478 χ^2/NDF: 1049.8/24

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -74.711+/-1.296 χ^2/NDF: 1512.3/28

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

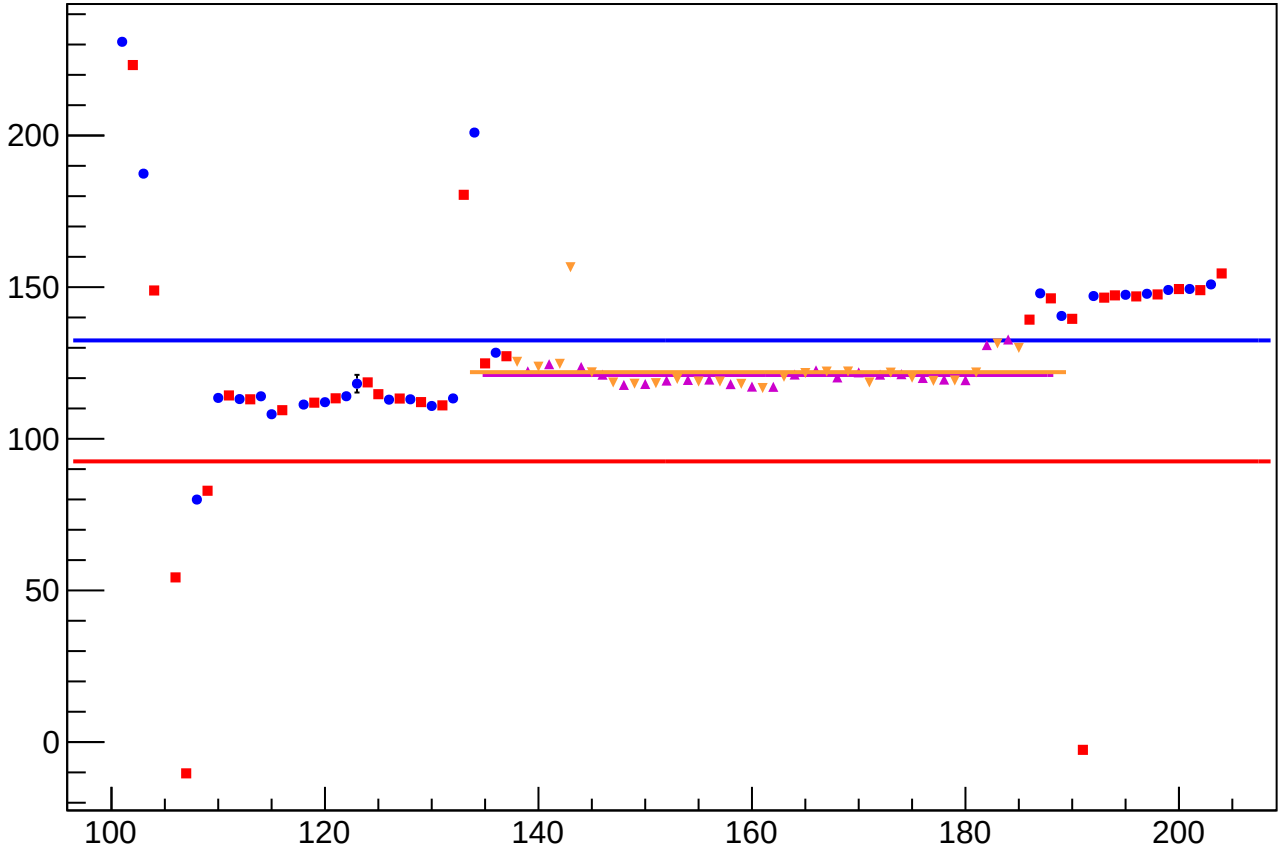
Right: -84.878+/-0.974 χ^2/NDF: 2703.6/53

In: -82.798+/-0.735 χ^2/NDF:1816.6/47

Out: -76.546+/-0.698 χ^2/NDF:2359.7/53

All: -79.513+/-0.506 χ^2/NDF: 4214.4/101

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 132.434+/-0.077 χ^2/NDF: 201950.1/24

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 92.549+/-0.063 χ^2/NDF: 1097641.9/28

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

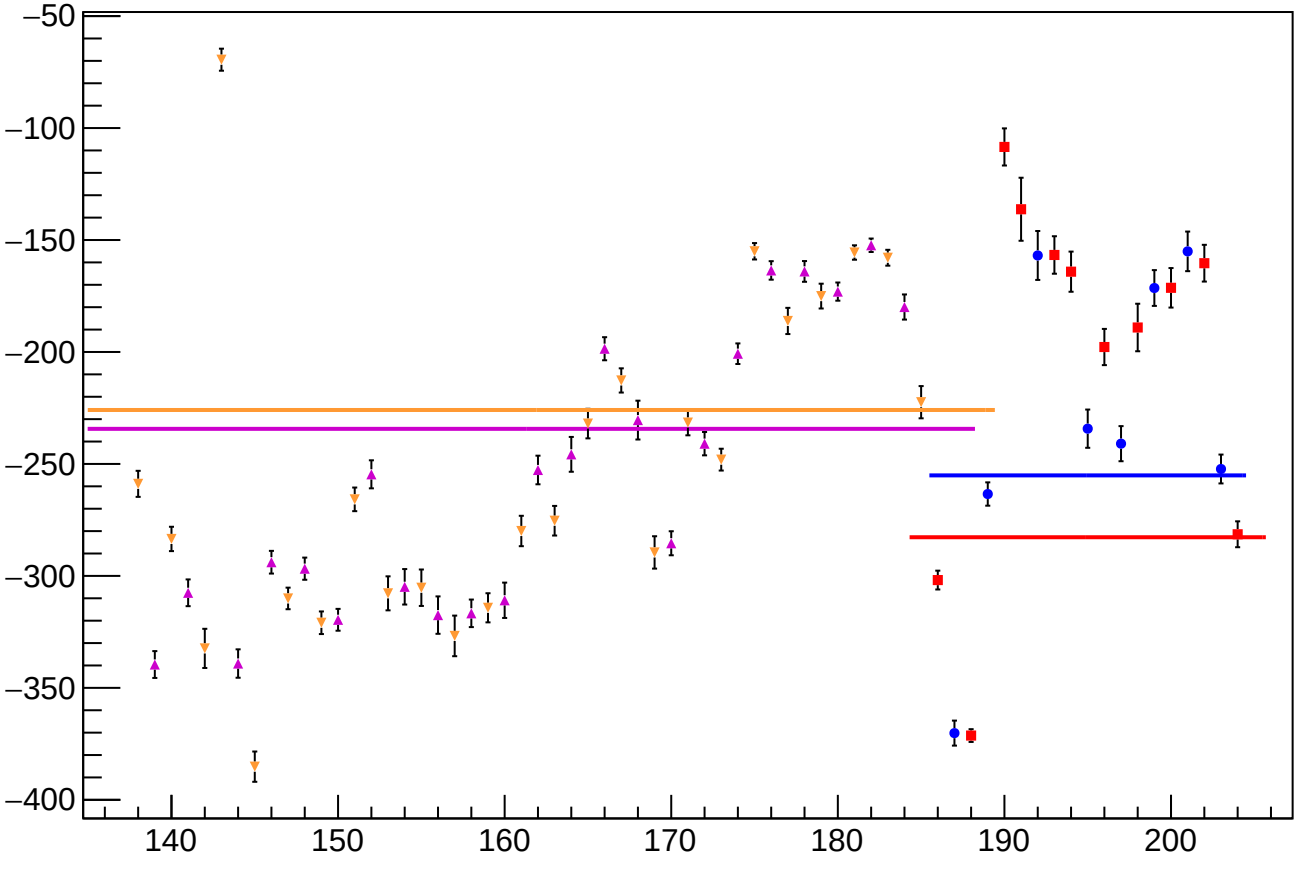
Right: 108.582+/-0.049 χ^2/NDF: 1461411.5/53

In: 123.440+/-0.035 χ^2/NDF:227276.5/47

Out: 113.645+/-0.033 χ^2/NDF:1282150.9/53

All: 118.298+/-0.024 χ^2/NDF: 1550172.5/101

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -255.113+/-2.501 χ^2/NDF: 755.3/7

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -282.736+/-1.803 χ^2/NDF: 2507.1/10

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

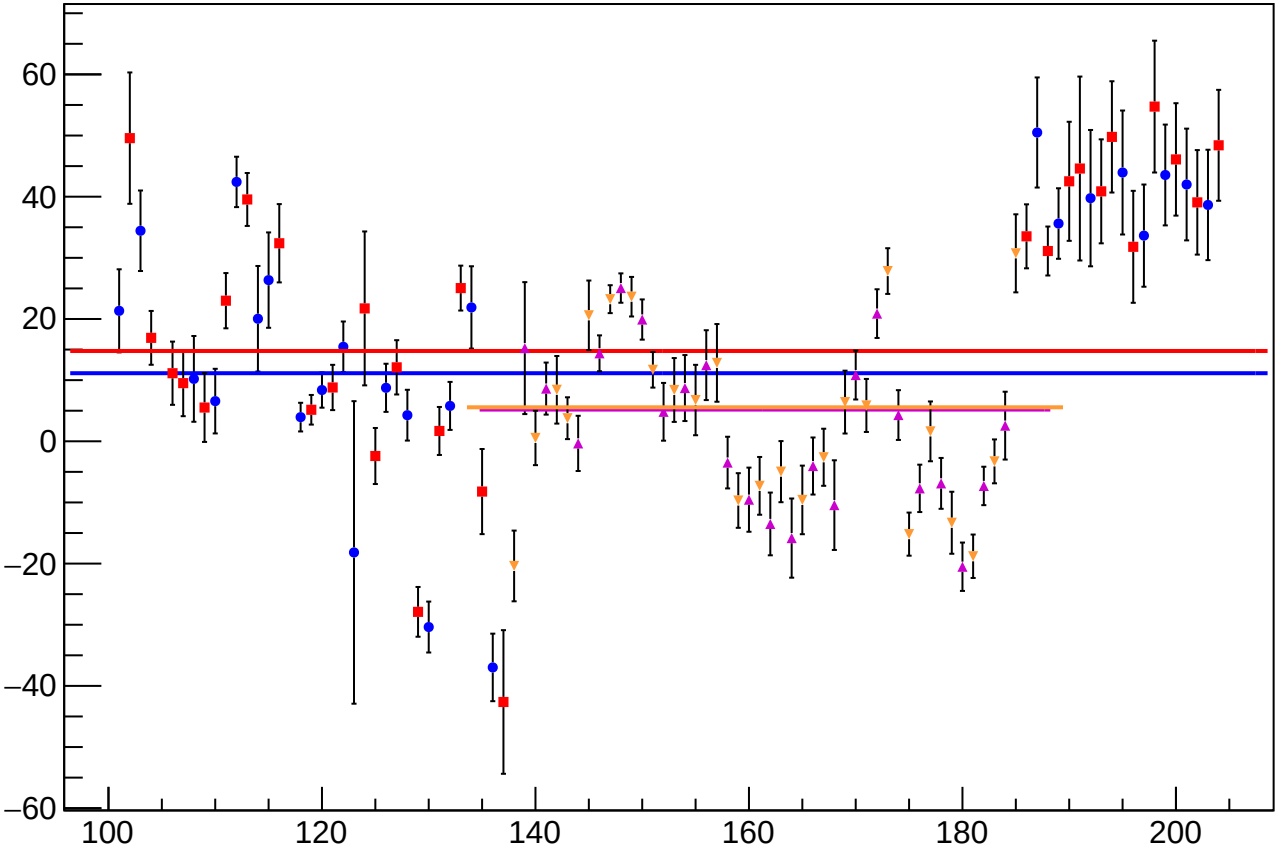
Right: -273.290+/-1.463 χ^2/NDF: 3342.6/18

In: -237.719+/-1.010 χ^2/NDF:4405.0/30

Out: -240.982+/-0.929 χ^2/NDF:7906.1/35

All: -239.487+/-0.684 χ^2/NDF: 12316.8/66

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.133+/-1.018 χ^2/NDF: 371.3/24

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 14.768+/-0.970 χ^2/NDF: 371.6/28

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

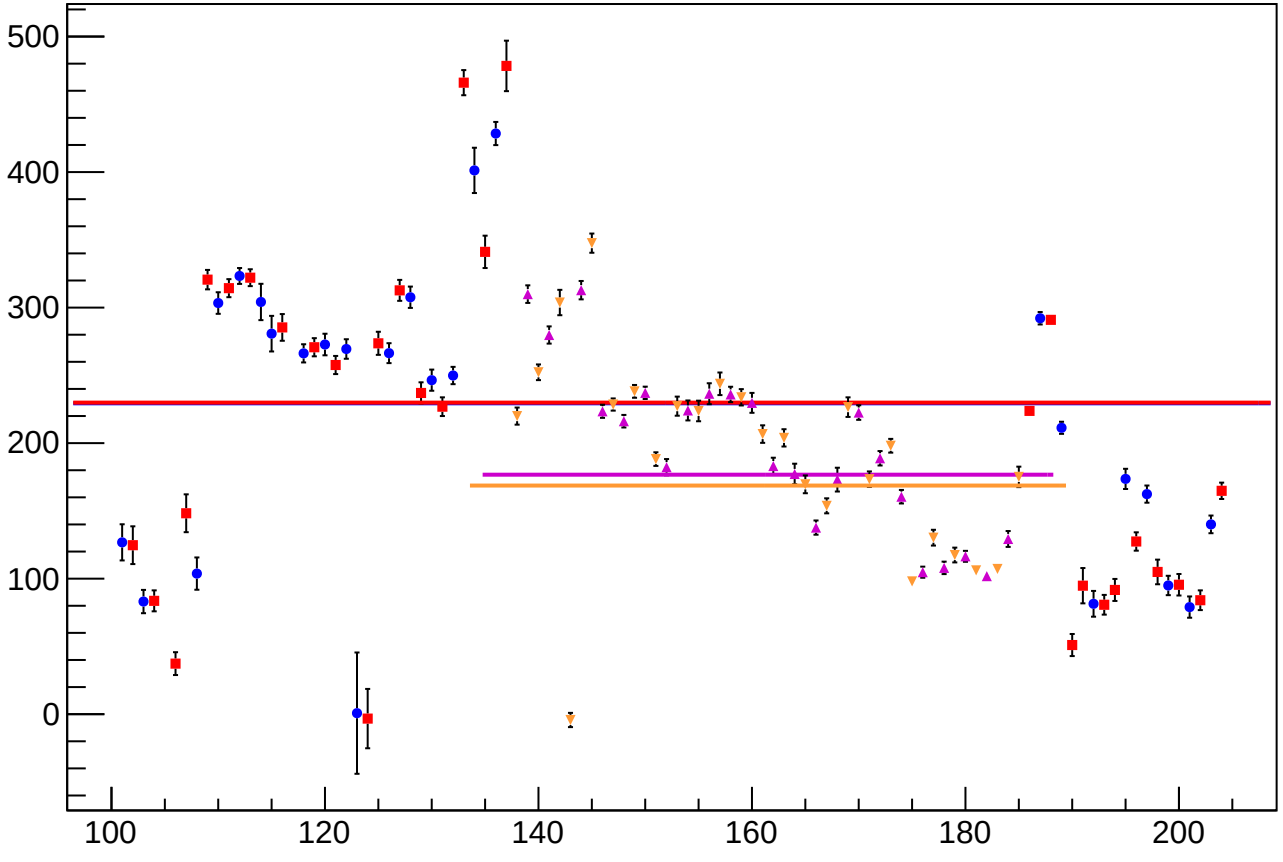
Right: 13.039+/-0.702 χ^2/NDF: 749.6/53

In: 7.685+/-0.660 χ^2/NDF:634.2/47

Out: 9.464+/-0.631 χ^2/NDF:737.1/53

All: 8.614+/-0.456 χ^2/NDF: 1375.1/101

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 229.381+/-1.501 χ^2/NDF: 3275.4/24

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 229.893+/-1.209 χ^2/NDF: 5995.3/28

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

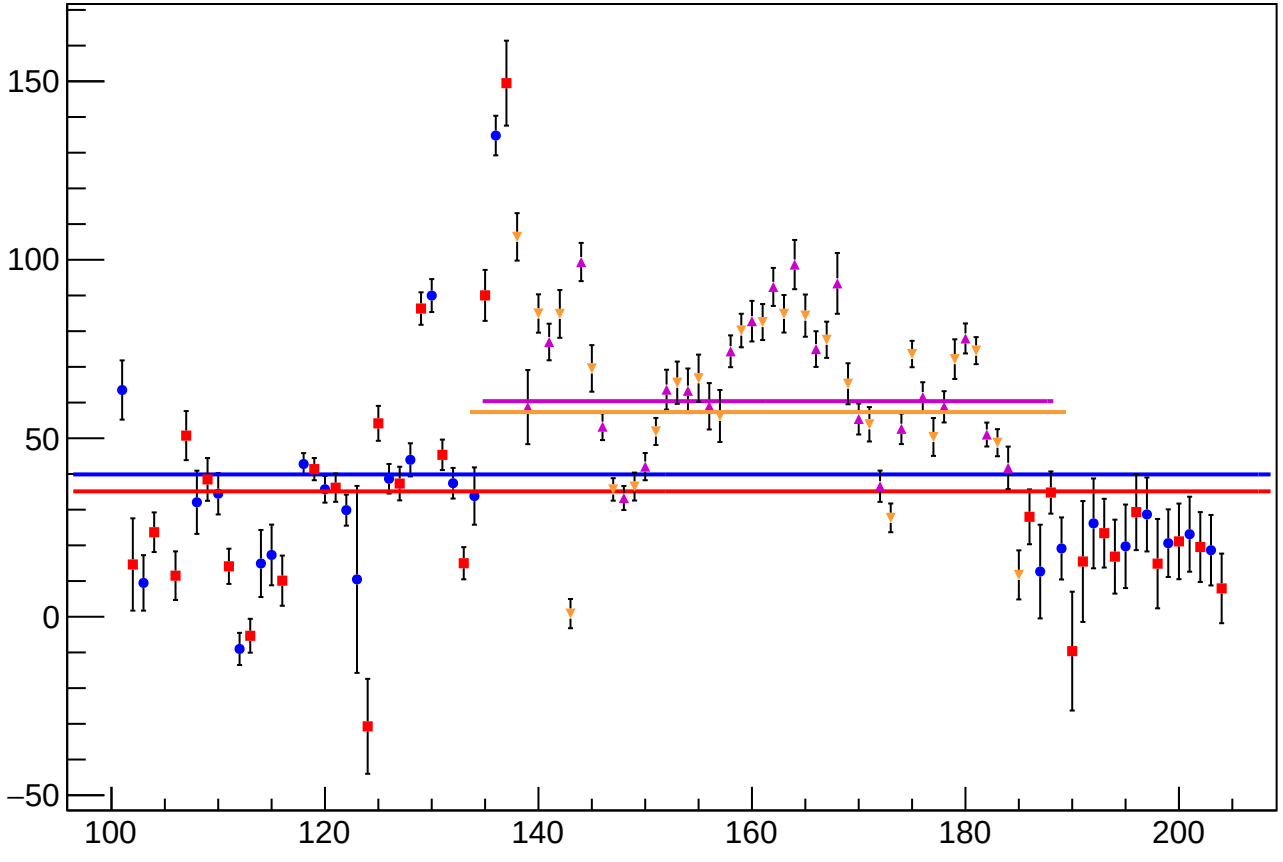
Right: 229.691+/-0.942 χ^2/NDF: 9270.8/53

In: 195.161+/-0.888 χ^2/NDF:7310.1/47

Out: 196.027+/-0.808 χ^2/NDF:11650.3/53

All: 195.634+/-0.598 χ^2/NDF: 18960.9/101

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.871+/-1.189 χ^2/NDF: 605.1/24

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 35.121+/-1.139 χ^2/NDF: 504.7/28

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

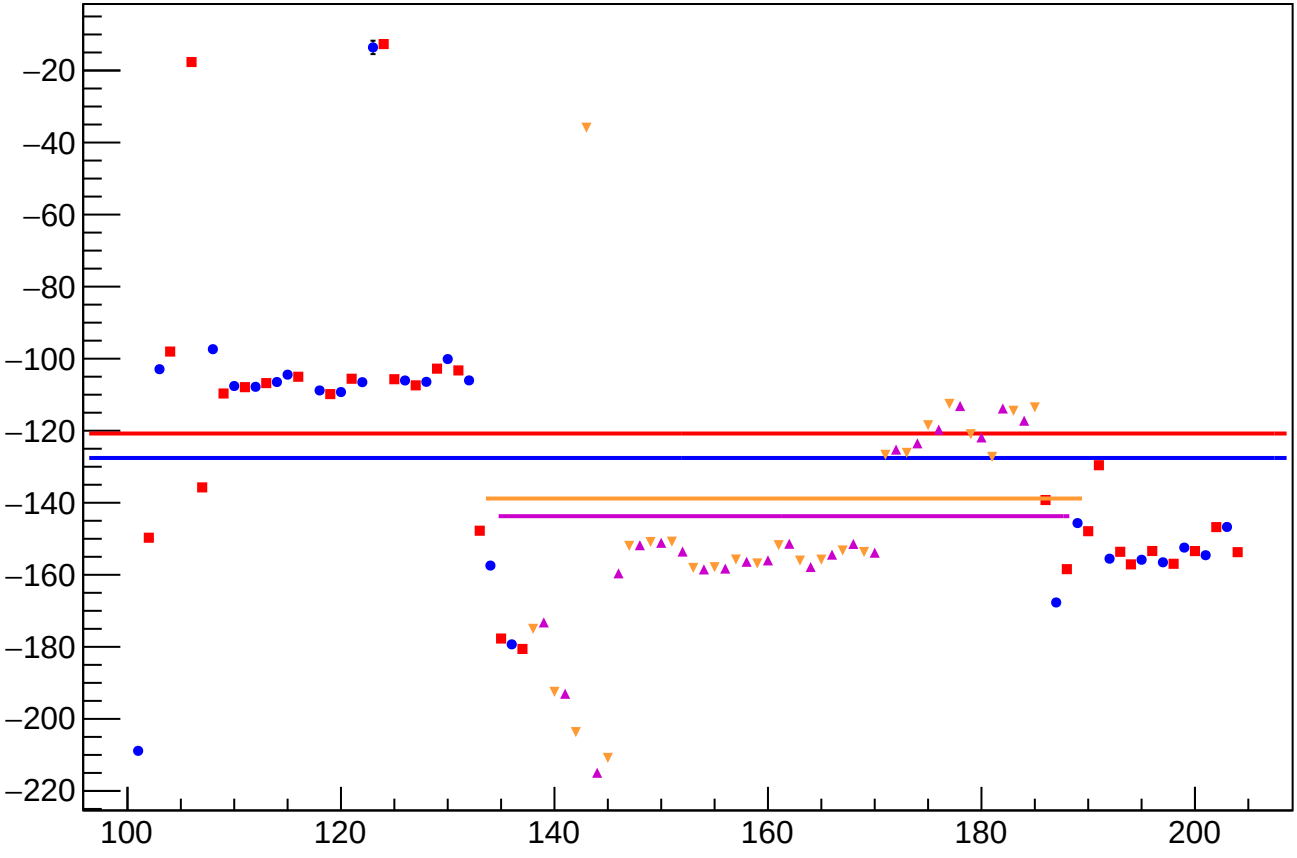
Right: 37.394+/-0.823 χ^2/NDF: 1118.0/53

In: 52.022+/-0.760 χ^2/NDF:1122.6/47

Out: 48.157+/-0.732 χ^2/NDF:1369.4/53

All: 50.019+/-0.527 χ^2/NDF: 2505.4/101

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.565+/-0.066 χ^2/NDF: 201964.9/24

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -120.775+/-0.060 χ^2/NDF: 454488.2/28

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

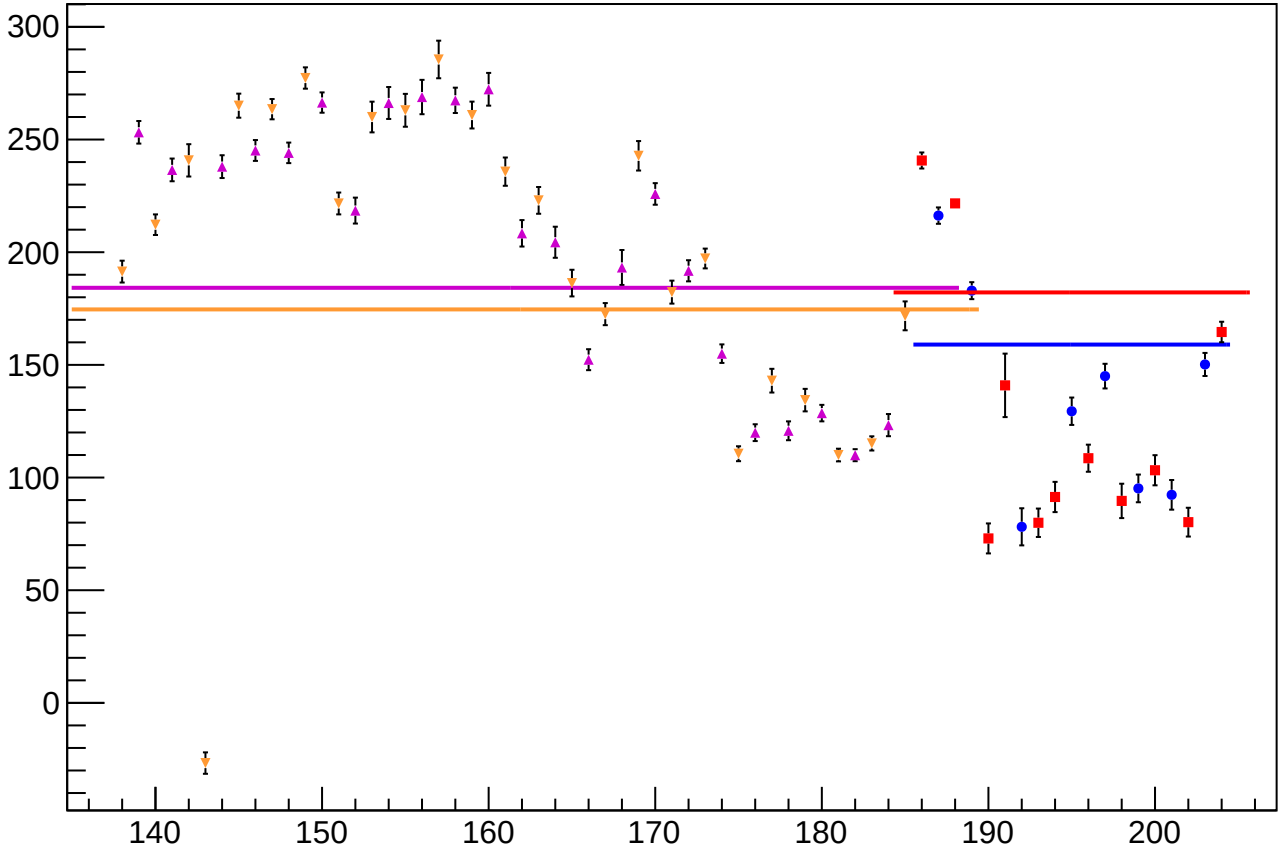
Right: -123.833+/-0.044 χ^2/NDF: 662262.7/53

In: -138.460+/-0.038 χ^2/NDF:503340.1/47

Out: -132.238+/-0.036 χ^2/NDF:1037905.6/53

All: -135.215+/-0.026 χ^2/NDF: 1555455.0/10

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 159.012+/-1.798 χ^2/NDF: 629.0/7

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 182.155+/-1.311 χ^2/NDF: 2149.1/10

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

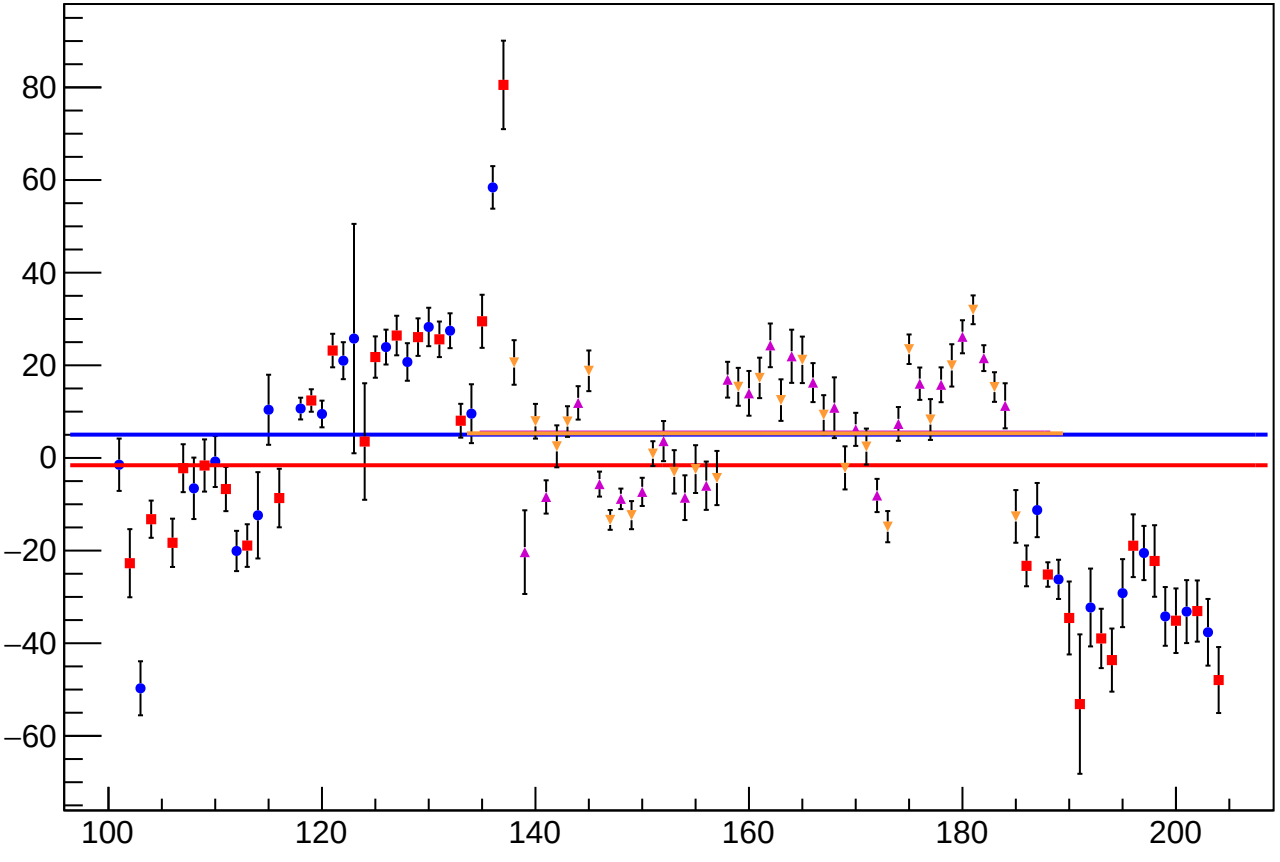
Right: 174.122+/-1.059 χ^2/NDF: 2886.3/18

In: 178.372+/-0.865 χ^2/NDF:4417.0/30

Out: 177.278+/-0.779 χ^2/NDF:7721.8/35

All: 177.768+/-0.579 χ^2/NDF: 12139.6/66

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.034+/-0.949 χ^2/NDF: 626.3/24

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: -1.575+/-0.888 χ^2/NDF: 708.8/28

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

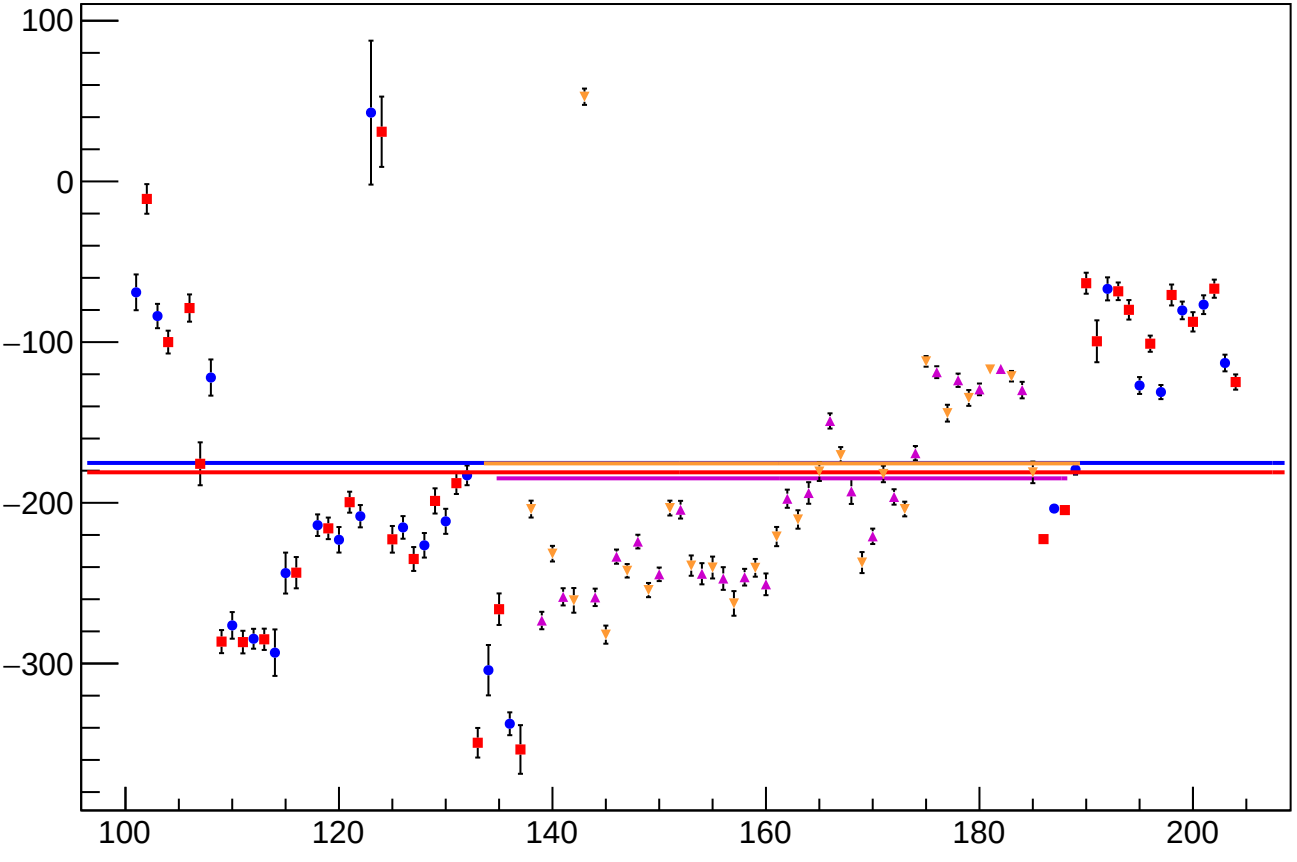
Right: 1.510+/-0.648 χ^2/NDF: 1361.0/53

In: 5.303+/-0.602 χ^2/NDF:885.6/47

Out: 2.443+/-0.573 χ^2/NDF:1089.0/53

All: 3.803+/-0.415 χ^2/NDF: 1986.4/101

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -175.181+/-1.223 χ^2/NDF: 2853.9/24

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -181.016+/-0.956 χ^2/NDF: 4951.6/28

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

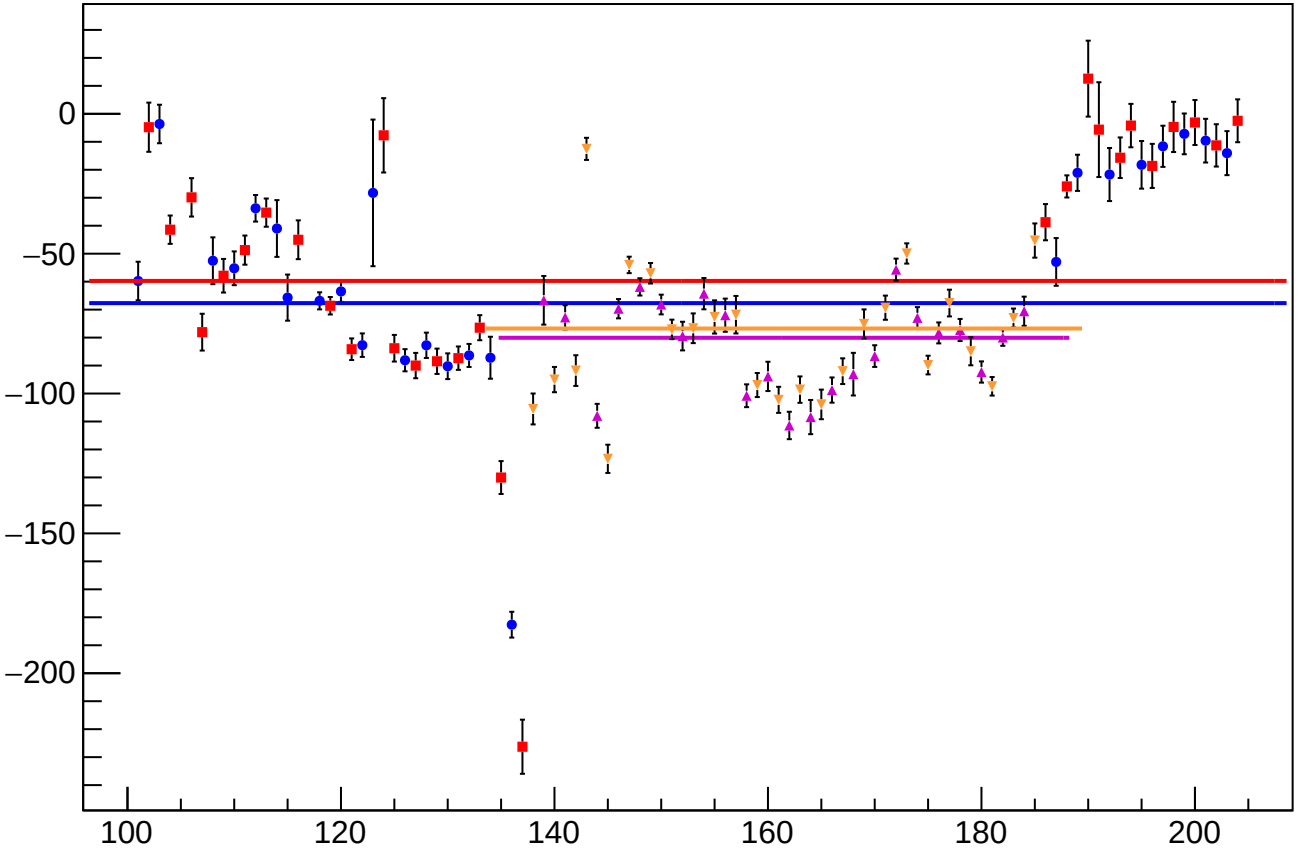
Right: -178.804+/-0.753 χ^2/NDF: 7819.6/53

In: -180.992+/-0.768 χ^2/NDF:5973.5/47

Out: -178.294+/-0.682 χ^2/NDF:10071.9/53

All: -179.484+/-0.510 χ^2/NDF: 16052.3/101

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.676+/-1.115 χ^2/NDF: 1220.8/24

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -59.740+/-1.057 χ^2/NDF: 1203.0/28

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

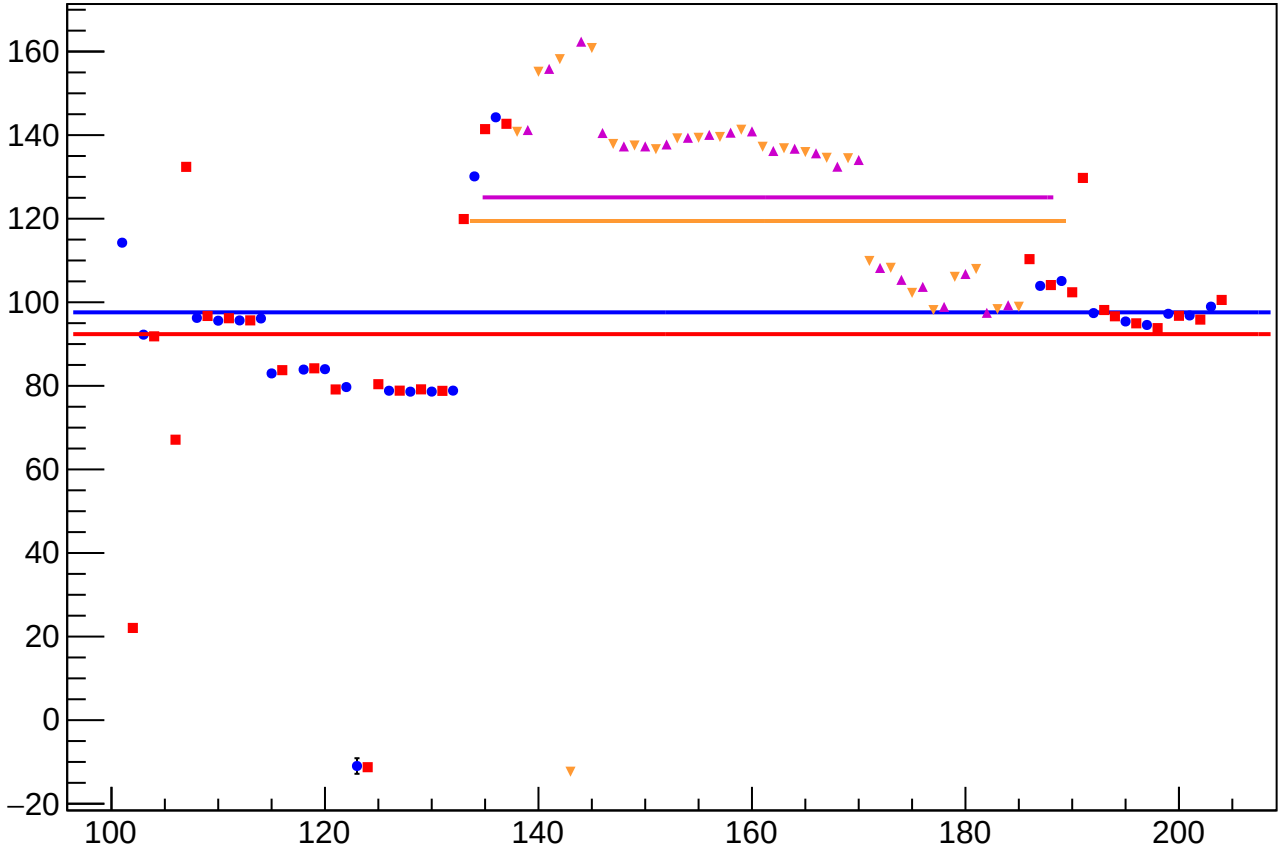
Right: -63.499+/-0.767 χ^2/NDF: 2450.5/53

In: -75.268+/-0.694 χ^2/NDF:1583.3/47

Out: -69.968+/-0.667 χ^2/NDF:2105.5/53

All: -72.516+/-0.481 χ^2/NDF: 3719.1/101

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.589+/-0.058 χ^2/NDF: 95562.9/24

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 92.374+/-0.052 χ^2/NDF: 241413.0/28

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

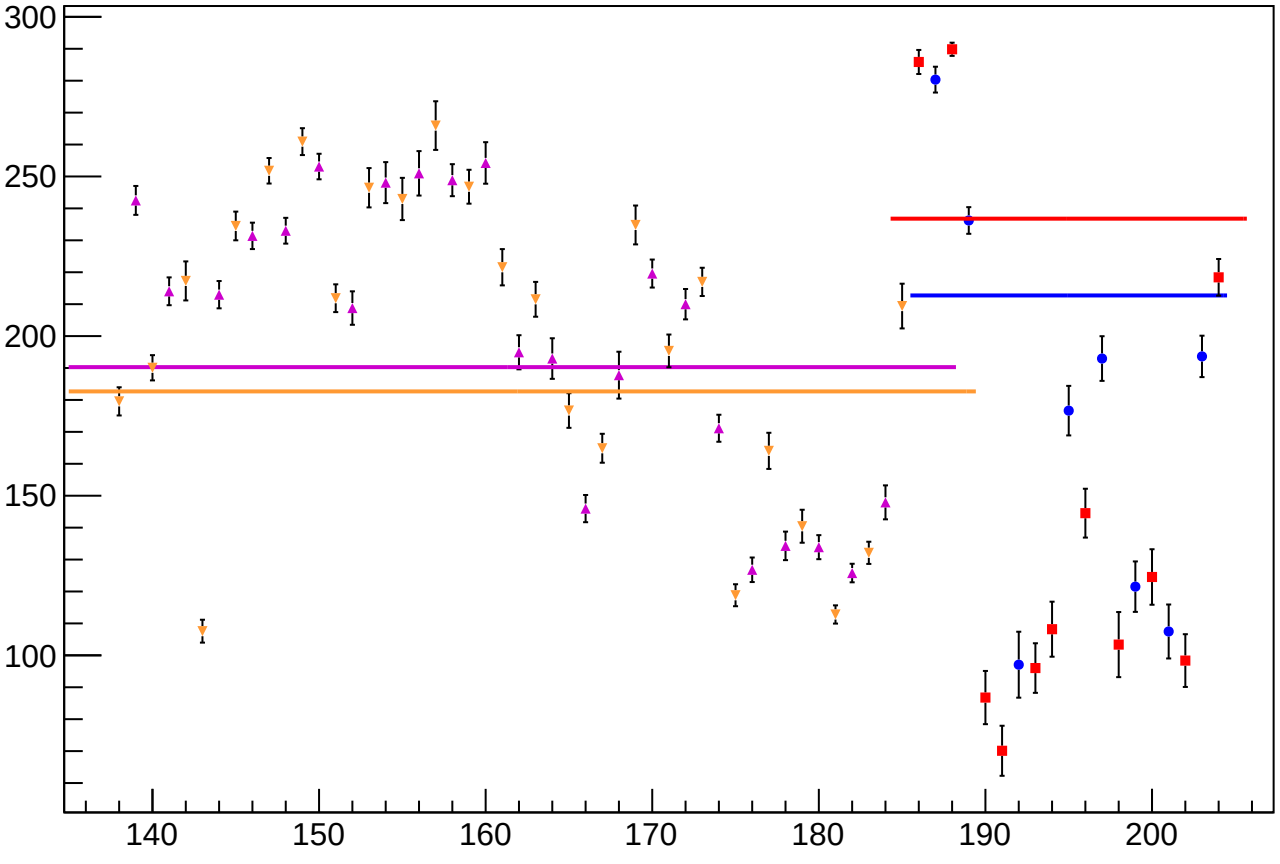
Right: 94.703+/-0.039 χ^2/NDF: 341482.6/53

In: 115.860+/-0.033 χ^2/NDF:468891.8/47

Out: 109.167+/-0.032 χ^2/NDF:1070131.9/53

All: 112.360+/-0.023 χ^2/NDF: 1559900.4/101

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 212.732+/-2.139 χ^2/NDF: 762.7/7

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 236.784+/-1.491 χ^2/NDF: 2929.5/10

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

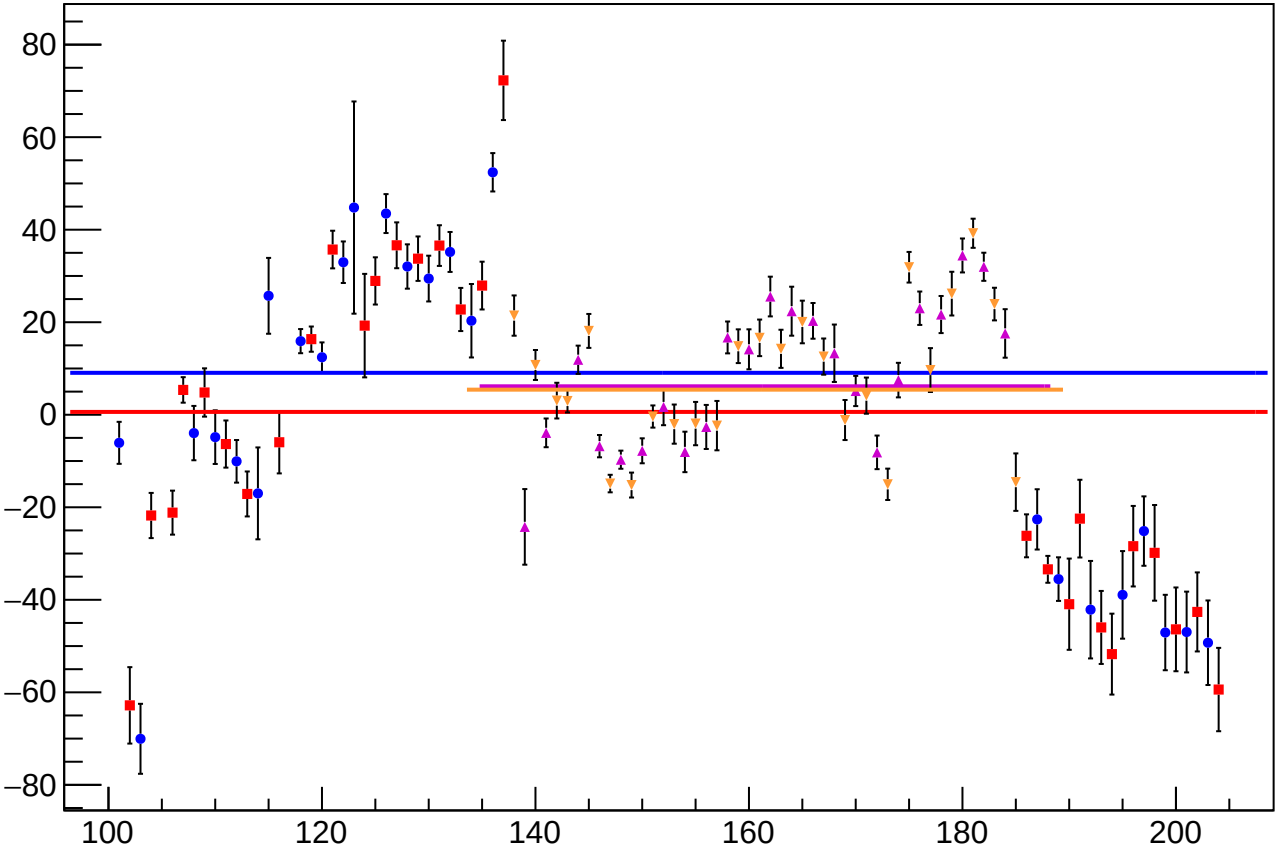
Right: 228.919+/-1.223 χ^2/NDF: 3777.3/18

In: 193.972+/-0.867 χ^2/NDF:3307.6/30

Out: 197.560+/-0.782 χ^2/NDF:7115.1/35

All: 195.951+/-0.581 χ^2/NDF: 10432.2/66

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.063+/-1.050 χ^2/NDF: 765.7/24

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 0.613+/-0.943 χ^2/NDF: 932.7/28

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

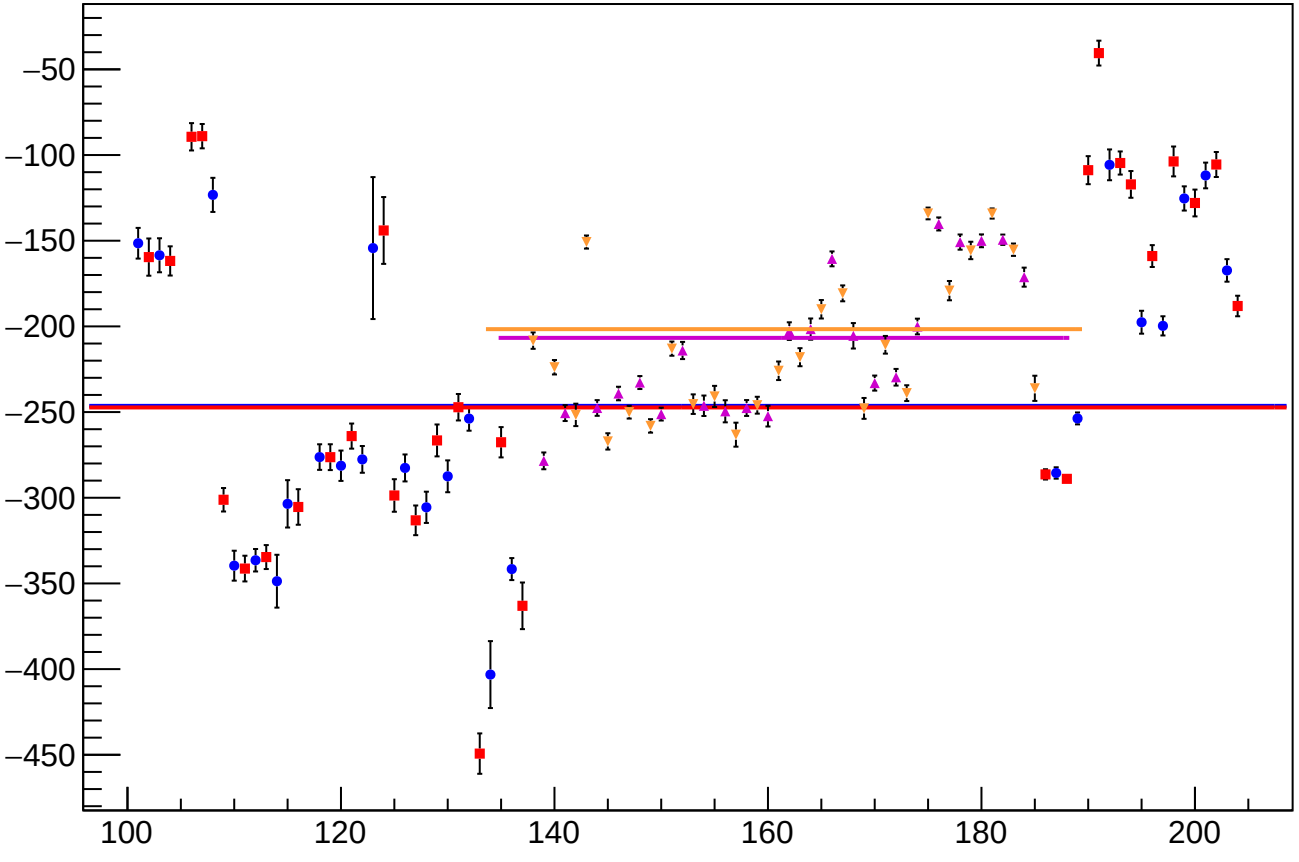
Right: 4.385+/-0.701 χ^2/NDF: 1734.3/53

In: 7.100+/-0.599 χ^2/NDF:1181.4/47

Out: 3.738+/-0.558 χ^2/NDF:1474.8/53

All: 5.300+/-0.408 χ^2/NDF: 2673.1/101

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -246.377+/-1.396 χ^2/NDF: 2398.7/24

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -247.302+/-1.060 χ^2/NDF: 5763.7/28

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

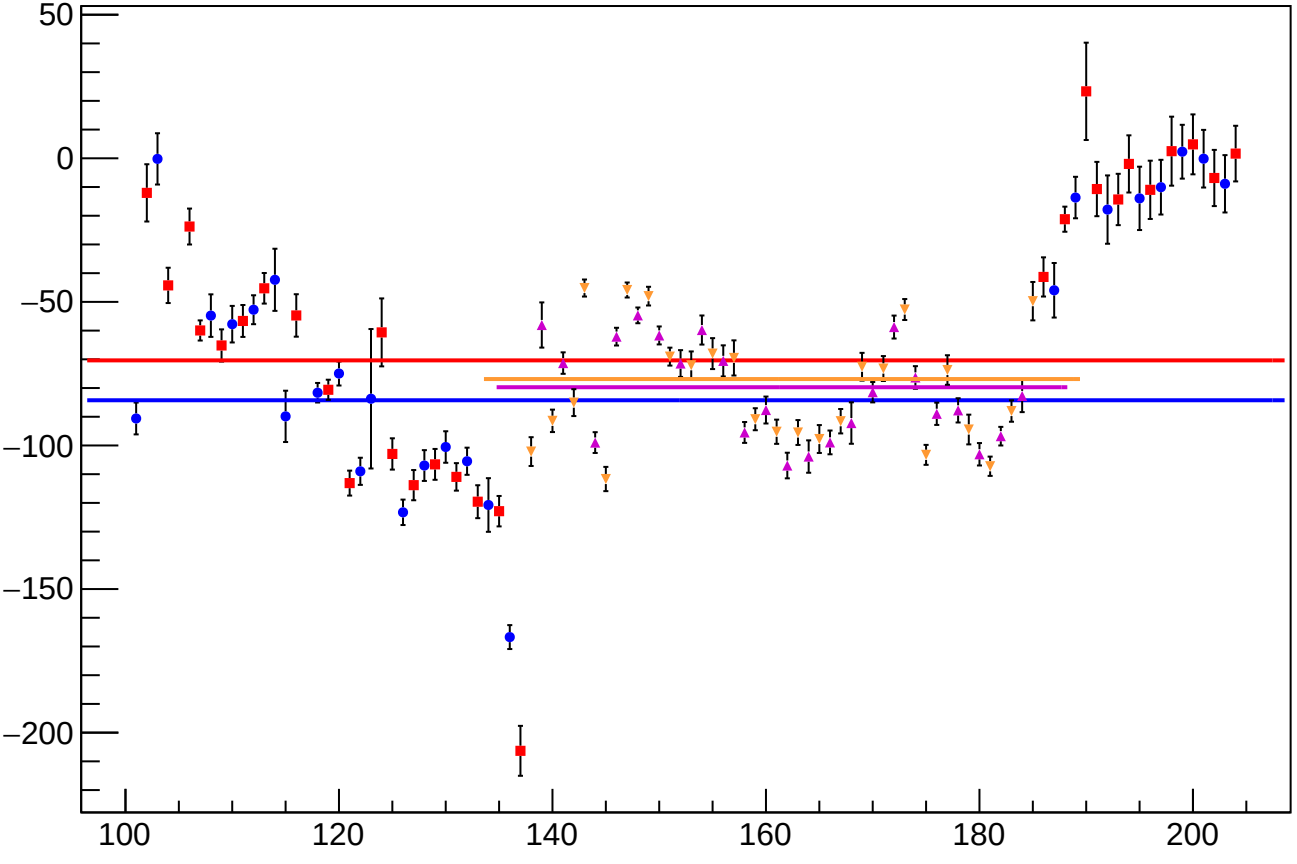
Right: -246.963+/-0.844 χ^2/NDF: 8162.7/53

In: -219.193+/-0.783 χ^2/NDF:5087.4/47

Out: -221.296+/-0.696 χ^2/NDF:9283.2/53

All: -220.368+/-0.520 χ^2/NDF: 14374.6/101

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -84.258+/-1.231 χ^2/NDF: 1199.4/24

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -70.369+/-1.127 χ^2/NDF: 1415.9/28

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

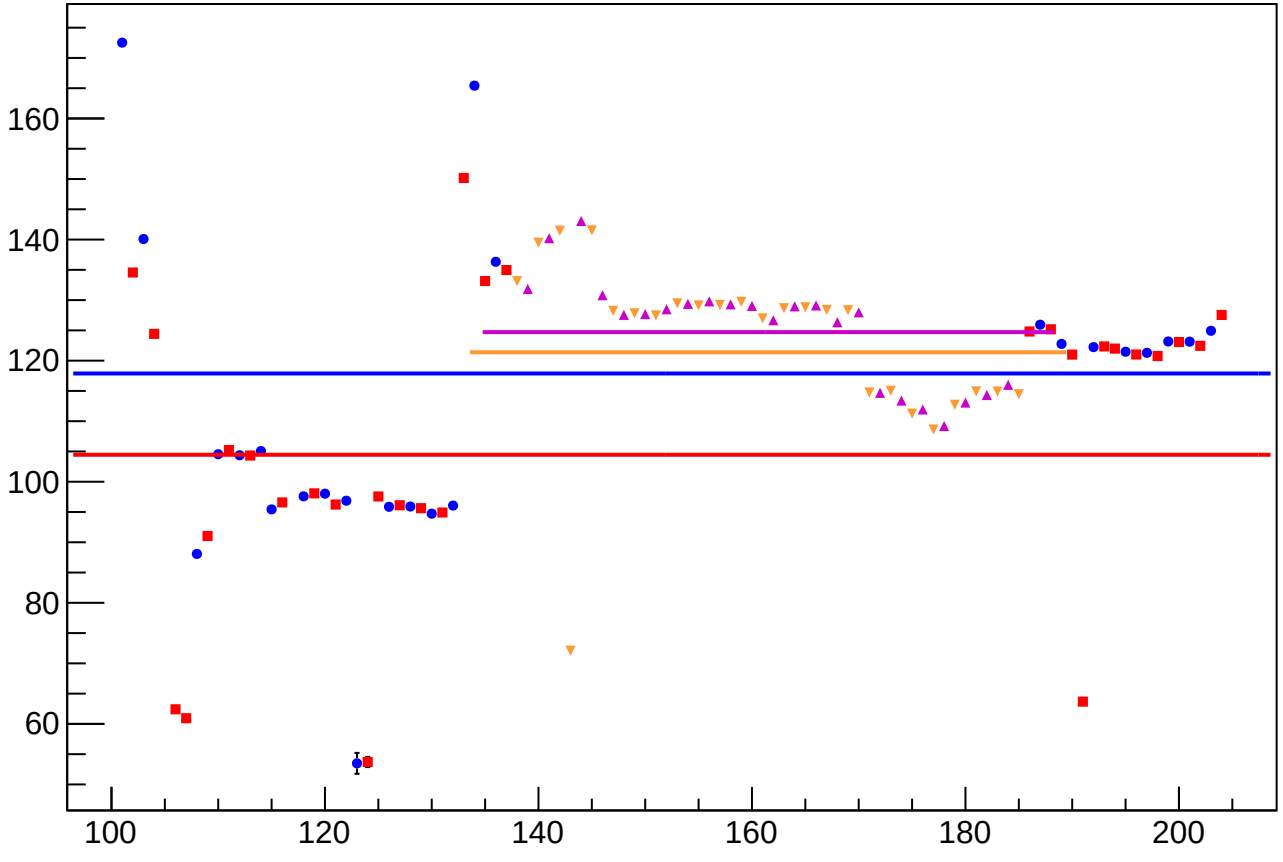
Right: -76.698+/-0.831 χ^2/NDF: 2684.5/53

In: -81.154+/-0.692 χ^2/NDF:1623.8/47

Out: -74.685+/-0.653 χ^2/NDF:2196.7/53

All: -77.731+/-0.475 χ^2/NDF: 3866.7/101

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.882+/-0.065 χ^2/NDF: 109040.0/24

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 104.453+/-0.056 χ^2/NDF: 236007.3/28

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

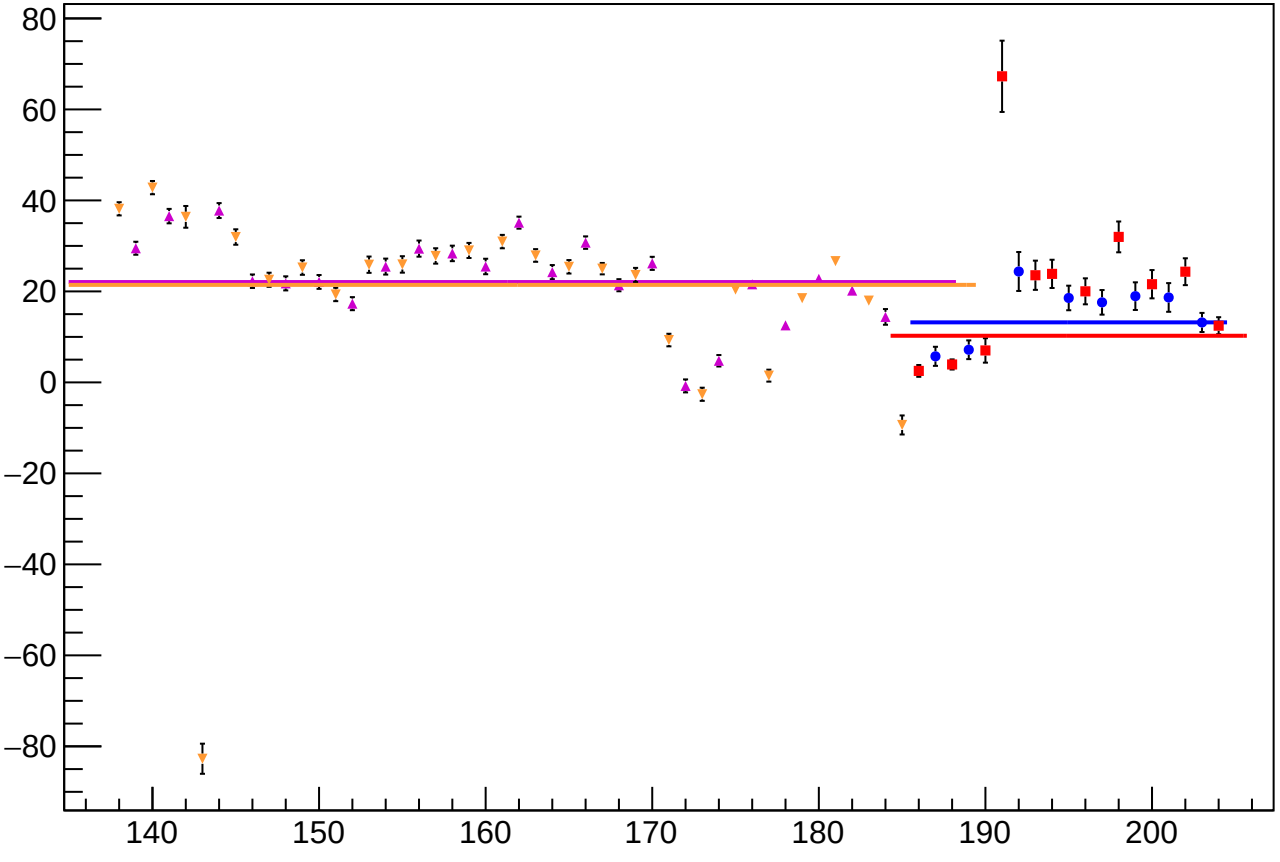
Right: 110.098+/-0.042 χ^2/NDF: 369650.2/53

In: 122.908+/-0.034 χ^2/NDF:168872.0/47

Out: 115.933+/-0.031 χ^2/NDF:463964.1/53

All: 119.204+/-0.023 χ^2/NDF: 655832.2/101

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.194+/-0.903 χ^2/NDF: 41.2/7

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 10.249+/-0.636 χ^2/NDF: 248.8/10

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

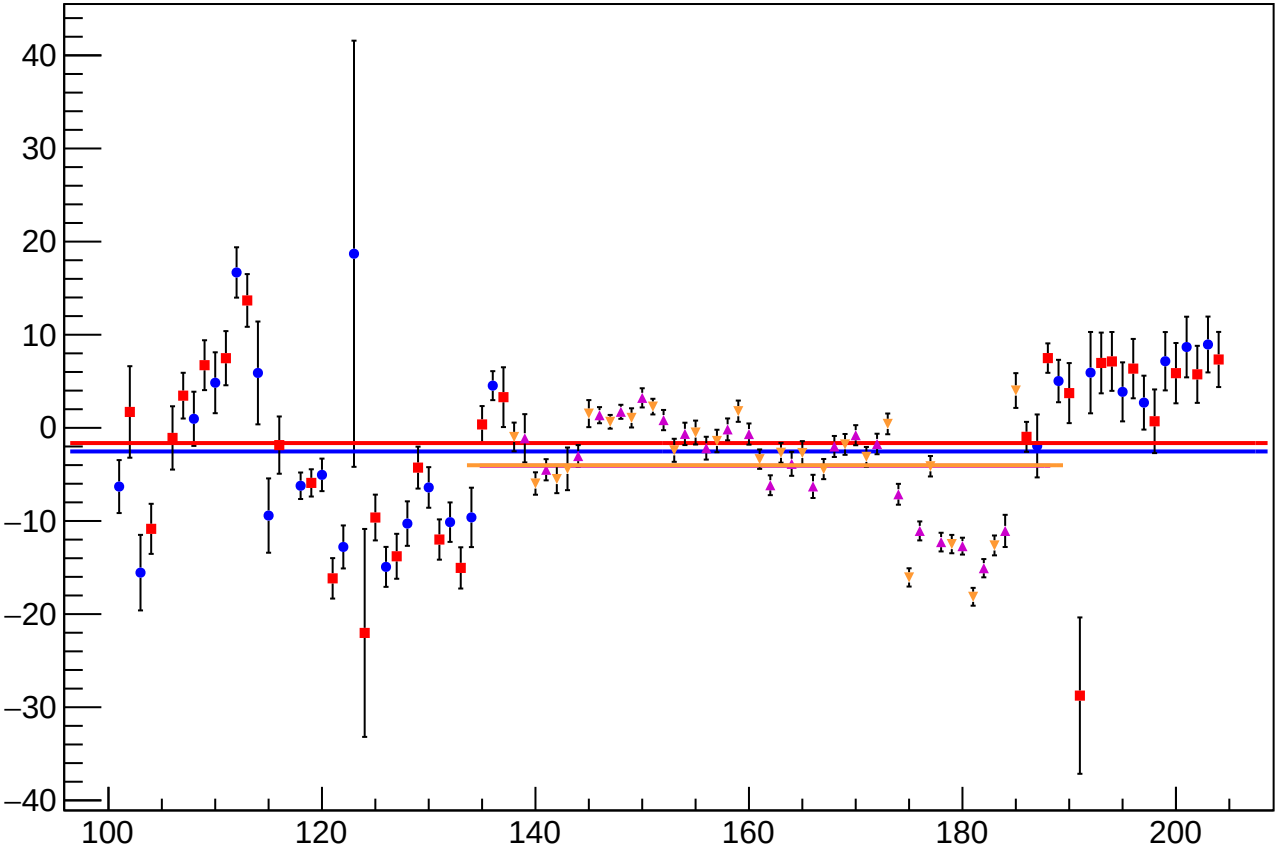
Right: 11.226+/-0.520 χ^2/NDF: 297.1/18

In: 21.255+/-0.271 χ^2/NDF:1070.2/30

Out: 19.590+/-0.258 χ^2/NDF:2913.4/35

All: 20.382+/-0.187 χ^2/NDF: 4003.4/66

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.534+/-0.511 χ^2/NDF: 247.5/24

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -1.633+/-0.471 χ^2/NDF: 310.8/28

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

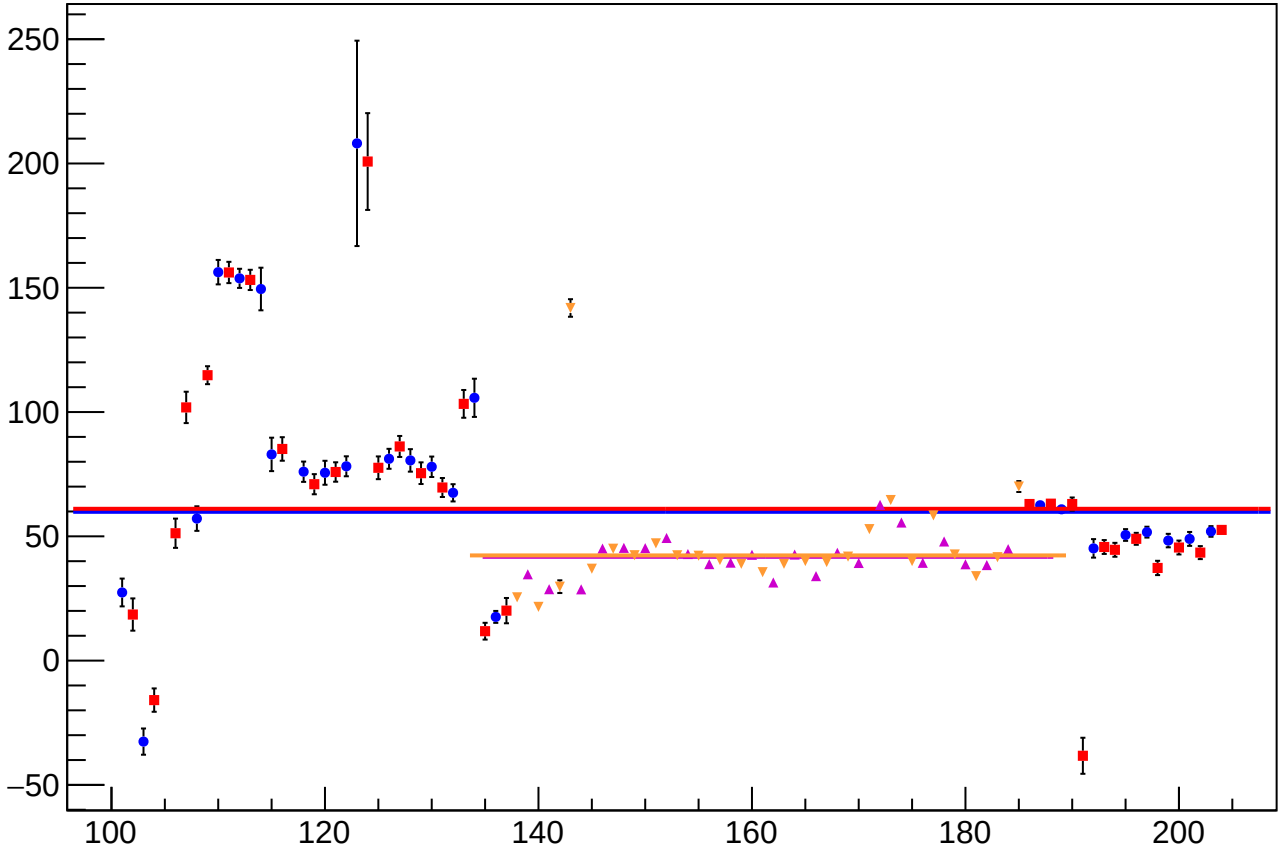
Right: -2.047+/-0.346 χ^2/NDF: 560.0/53

In: -3.815+/-0.208 χ^2/NDF:835.1/47

Out: -3.578+/-0.202 χ^2/NDF:1063.3/53

All: -3.693+/-0.145 χ^2/NDF: 1899.1/101

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.866+/-0.638 χ^2/NDF: 2015.4/24

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 61.076+/-0.483 χ^2/NDF: 2528.8/28

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

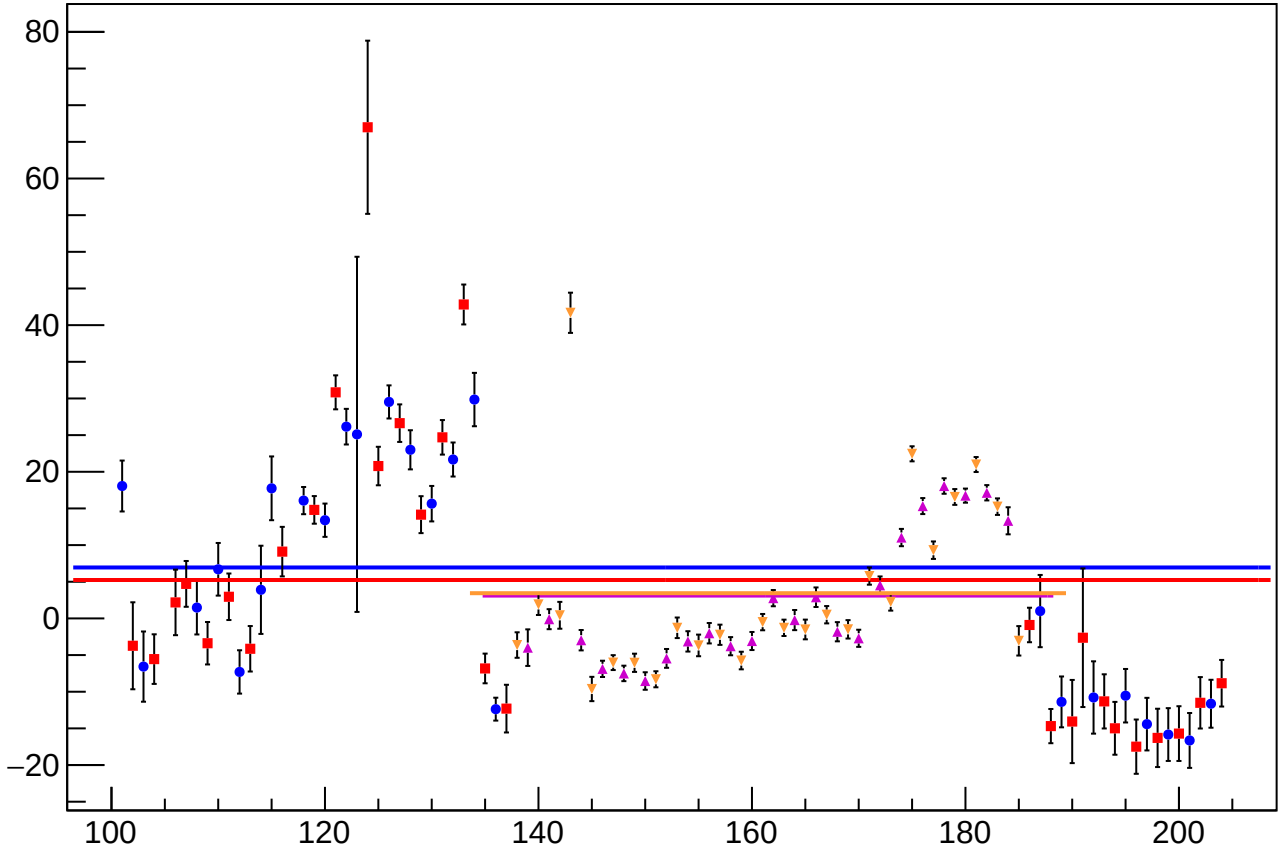
Right: 60.635+/-0.385 χ^2/NDF: 4546.5/53

In: 44.735+/-0.259 χ^2/NDF:3348.8/47

Out: 47.091+/-0.244 χ^2/NDF:5508.2/53

All: 45.983+/-0.177 χ^2/NDF: 8901.0/101

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.948+/-0.590 χ^2/NDF: 740.4/24

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 5.239+/-0.558 χ^2/NDF: 933.1/28

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

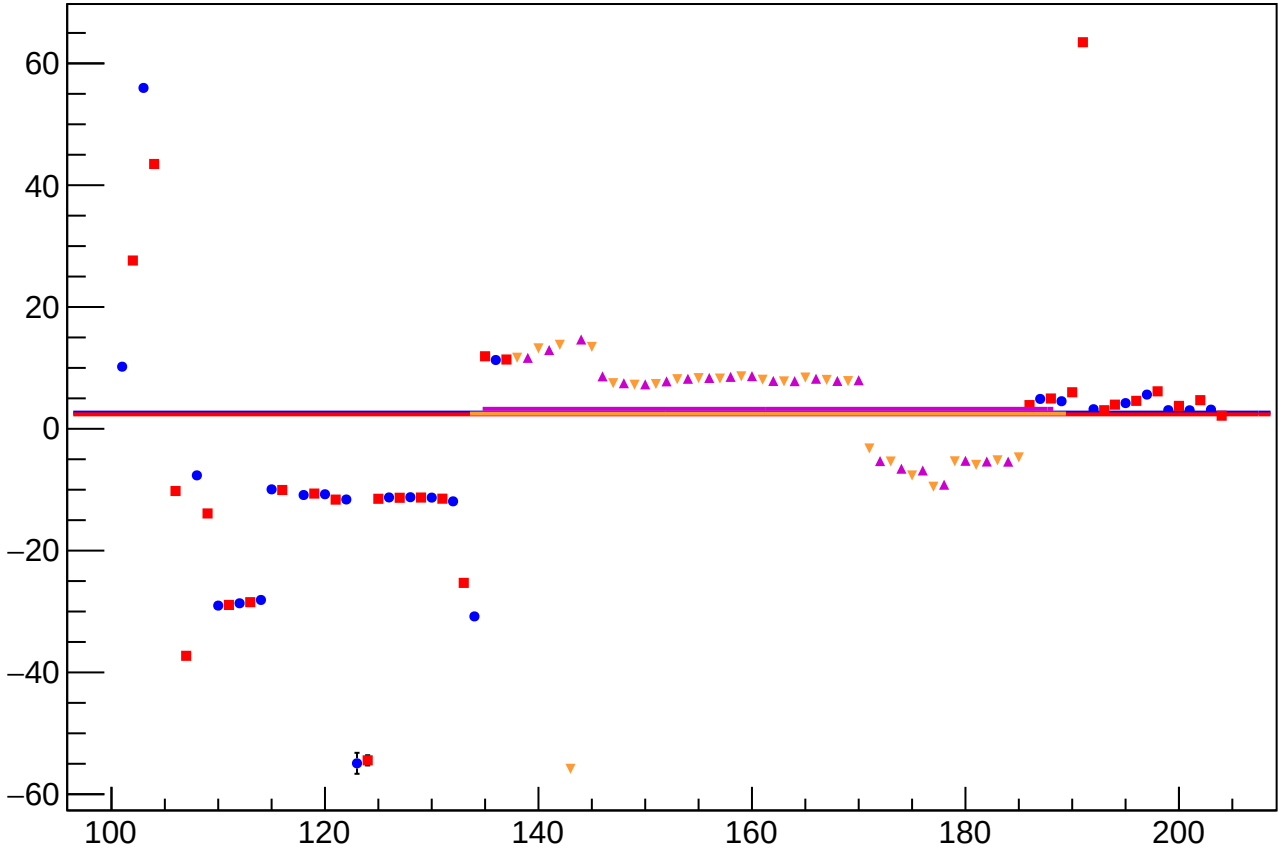
Right: 6.046+/-0.406 χ^2/NDF: 1677.9/53

In: 3.722+/-0.235 χ^2/NDF:2048.9/47

Out: 3.745+/-0.230 χ^2/NDF:2589.4/53

All: 3.734+/-0.164 χ^2/NDF: 4638.3/101

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.659+/-0.028 χ^2/NDF: 360996.9/24

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 2.373+/-0.026 χ^2/NDF: 425964.9/28

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

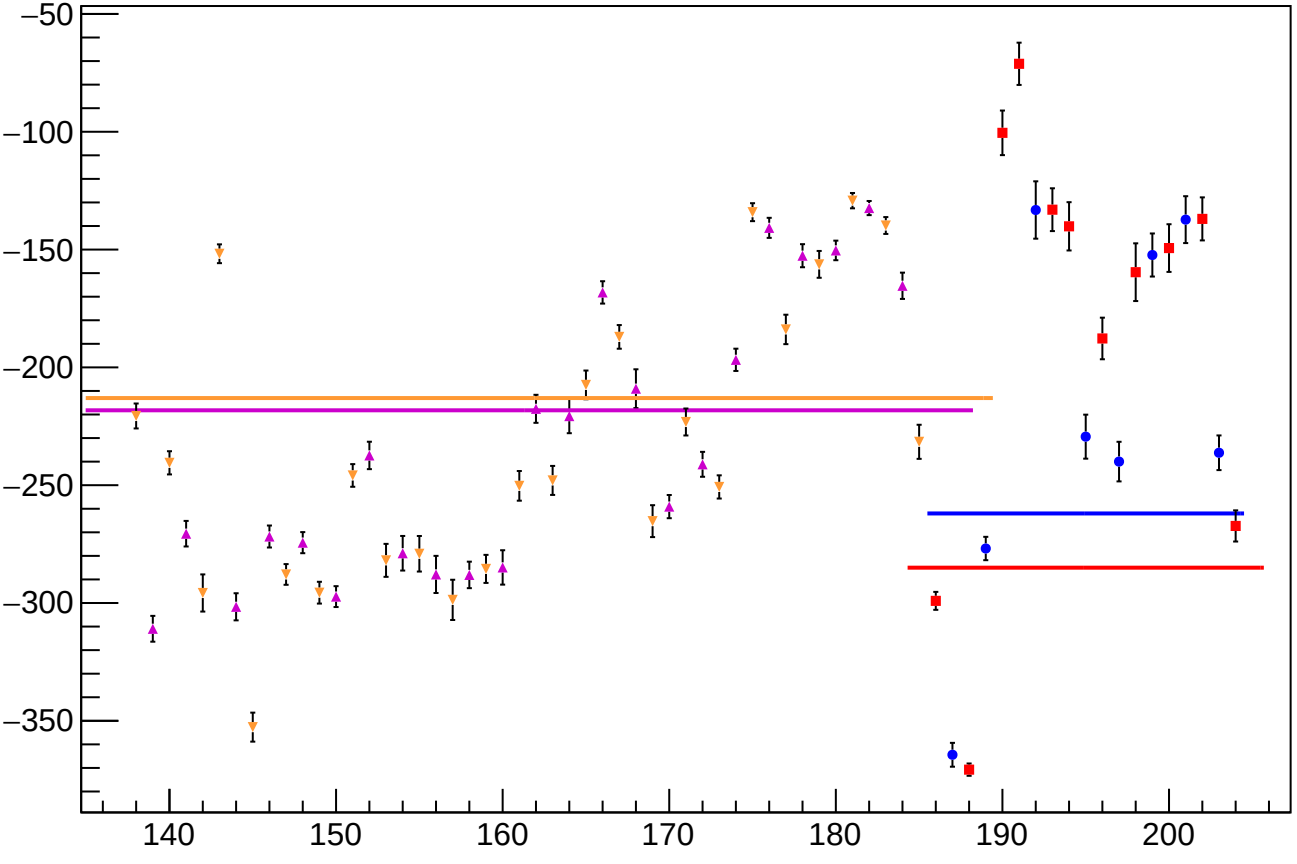
Right: 2.505+/-0.019 χ^2/NDF: 787016.2/53

In: 3.192+/-0.011 χ^2/NDF:771012.6/47

Out: 2.477+/-0.011 χ^2/NDF:1014121.8/53

All: 2.830+/-0.008 χ^2/NDF: 1787383.0/101

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -261.994+/-2.559 χ^2/NDF: 862.8/7

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -285.006+/-1.755 χ^2/NDF: 3195.2/10

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

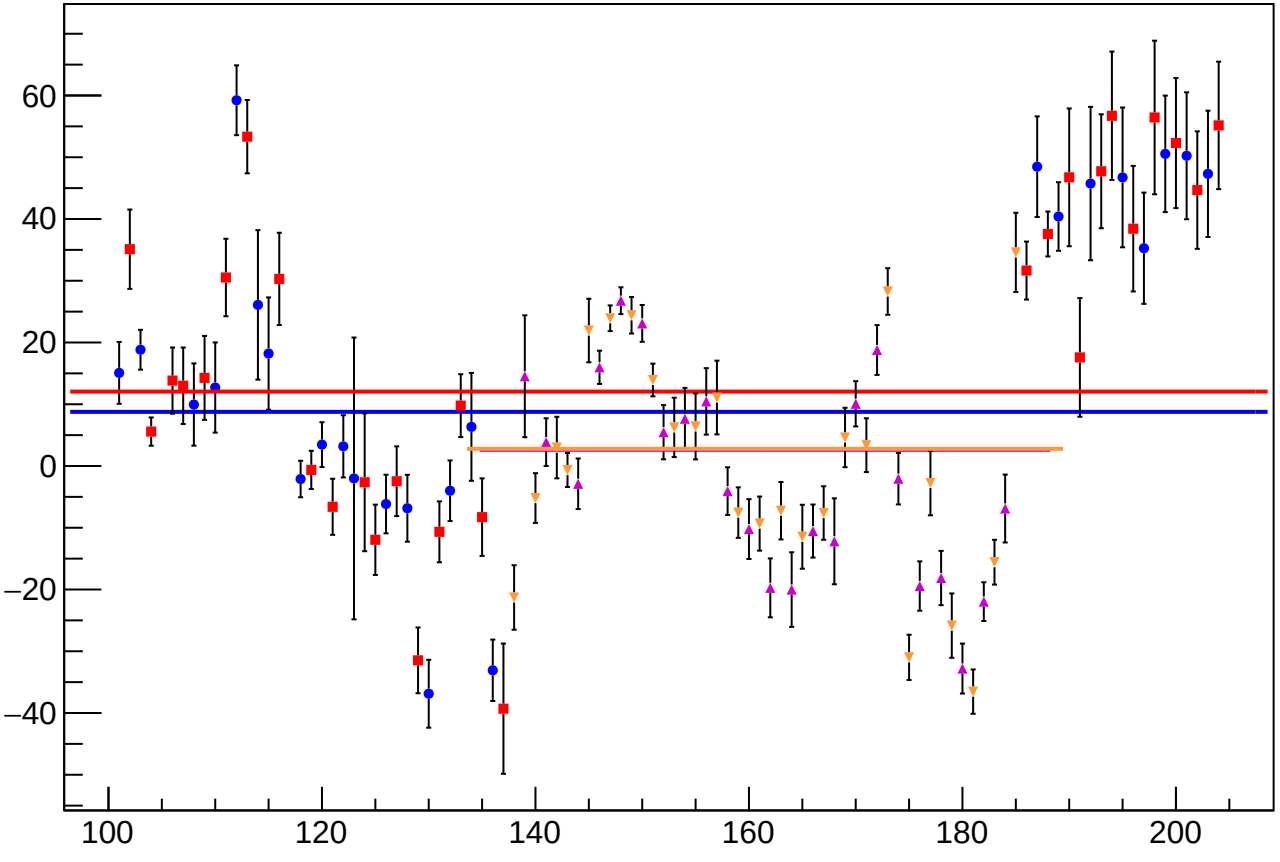
Right: -277.647+/-1.447 χ^2/NDF: 4113.0/18

In: -224.657+/-0.982 χ^2/NDF:4611.4/30

Out: -231.613+/-0.892 χ^2/NDF:8269.8/35

All: -228.467+/-0.660 χ^2/NDF: 12908.7/66

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.769+/-1.139 χ^2/NDF: 411.5/24

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 12.050+/-1.027 χ^2/NDF: 439.7/28

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

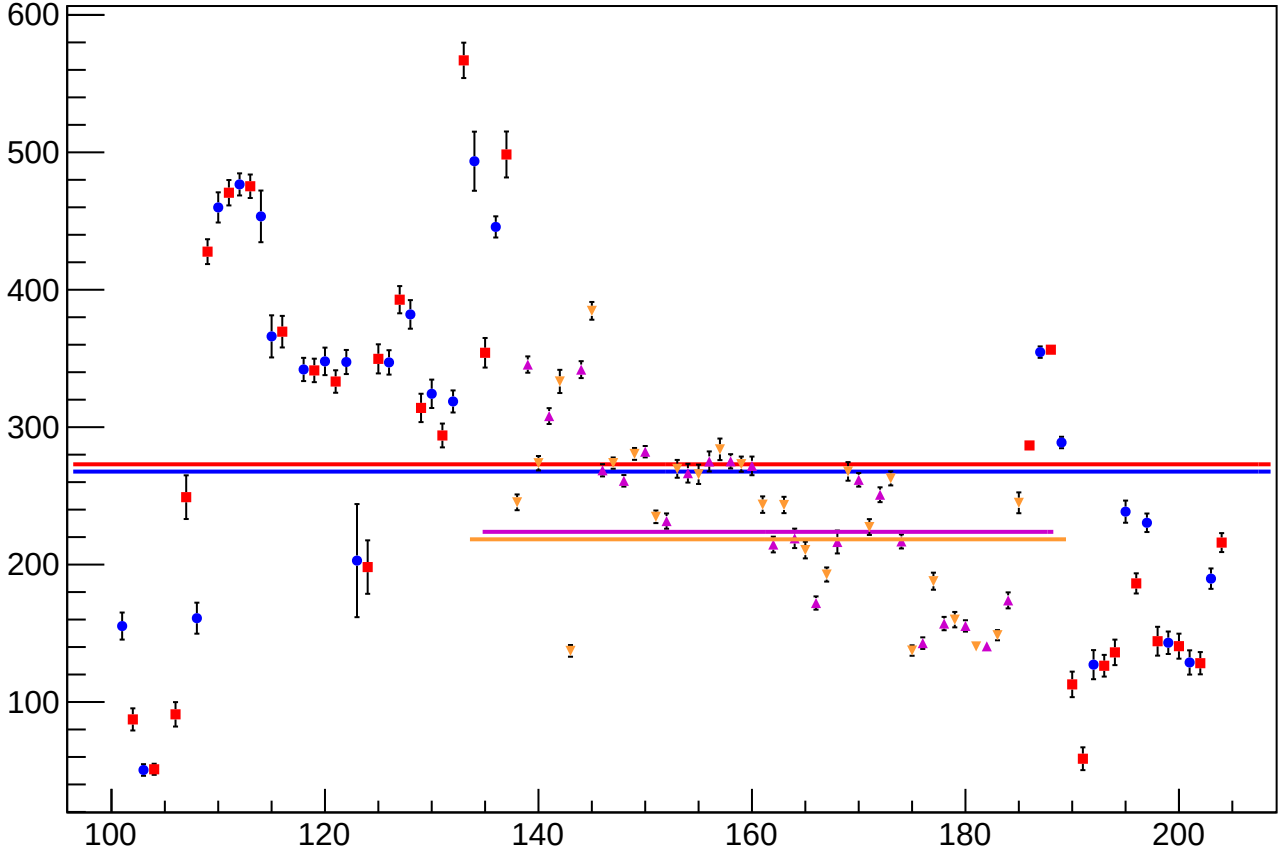
Right: 10.580+/-0.763 χ^2/NDF: 855.7/53

In: 4.720+/-0.666 χ^2/NDF:908.2/47

Out: 6.177+/-0.621 χ^2/NDF:1073.4/53

All: 5.499+/-0.454 χ^2/NDF: 1984.2/101

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 267.673+/-1.551 χ^2/NDF: 6392.6/24

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 272.974+/-1.200 χ^2/NDF: 10487.8/28

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

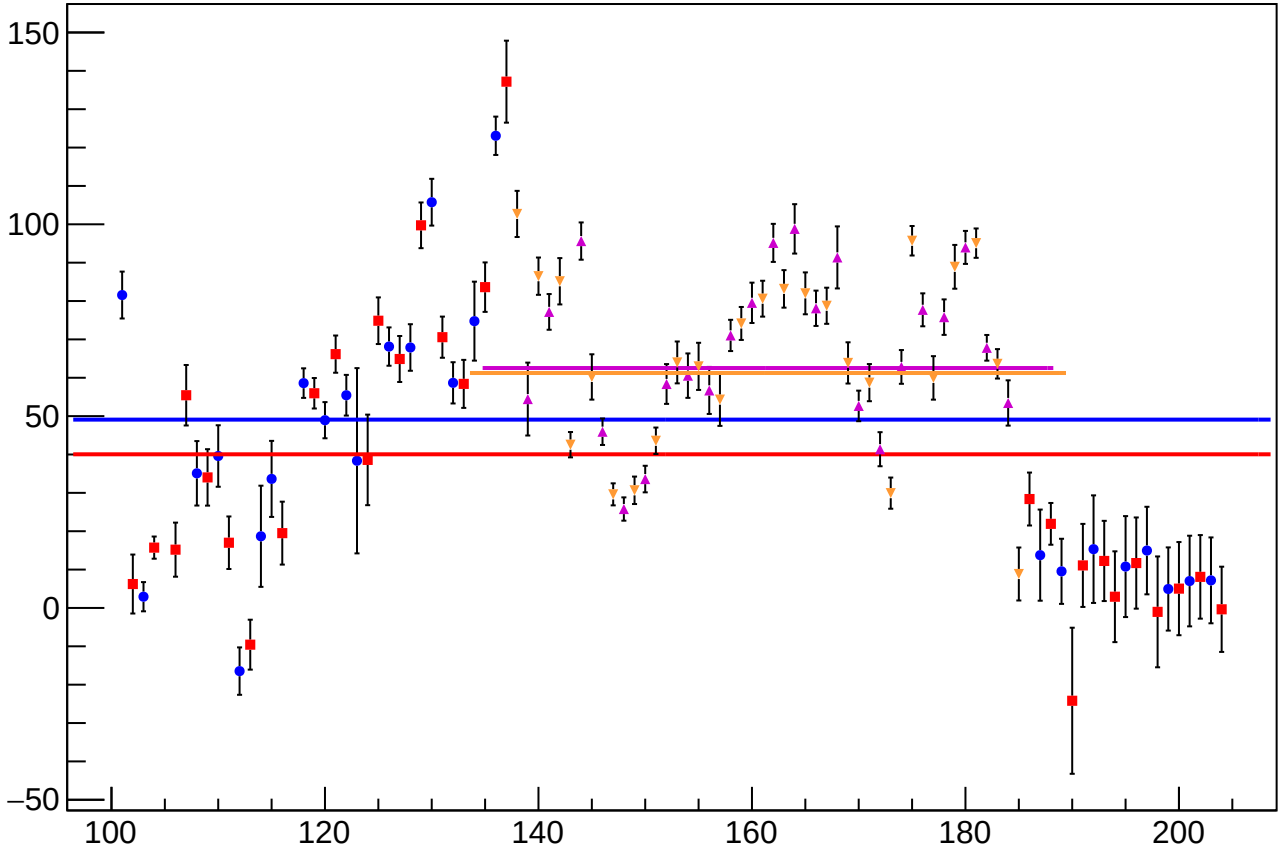
Right: 270.990+/-0.949 χ^2/NDF: 16887.8/53

In: 237.761+/-0.874 χ^2/NDF:10382.7/47

Out: 241.750+/-0.785 χ^2/NDF:15368.7/53

All: 239.970+/-0.584 χ^2/NDF: 25762.9/101

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.089+/-1.338 χ^2/NDF: 743.7/24

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 40.049+/-1.233 χ^2/NDF: 640.9/28

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

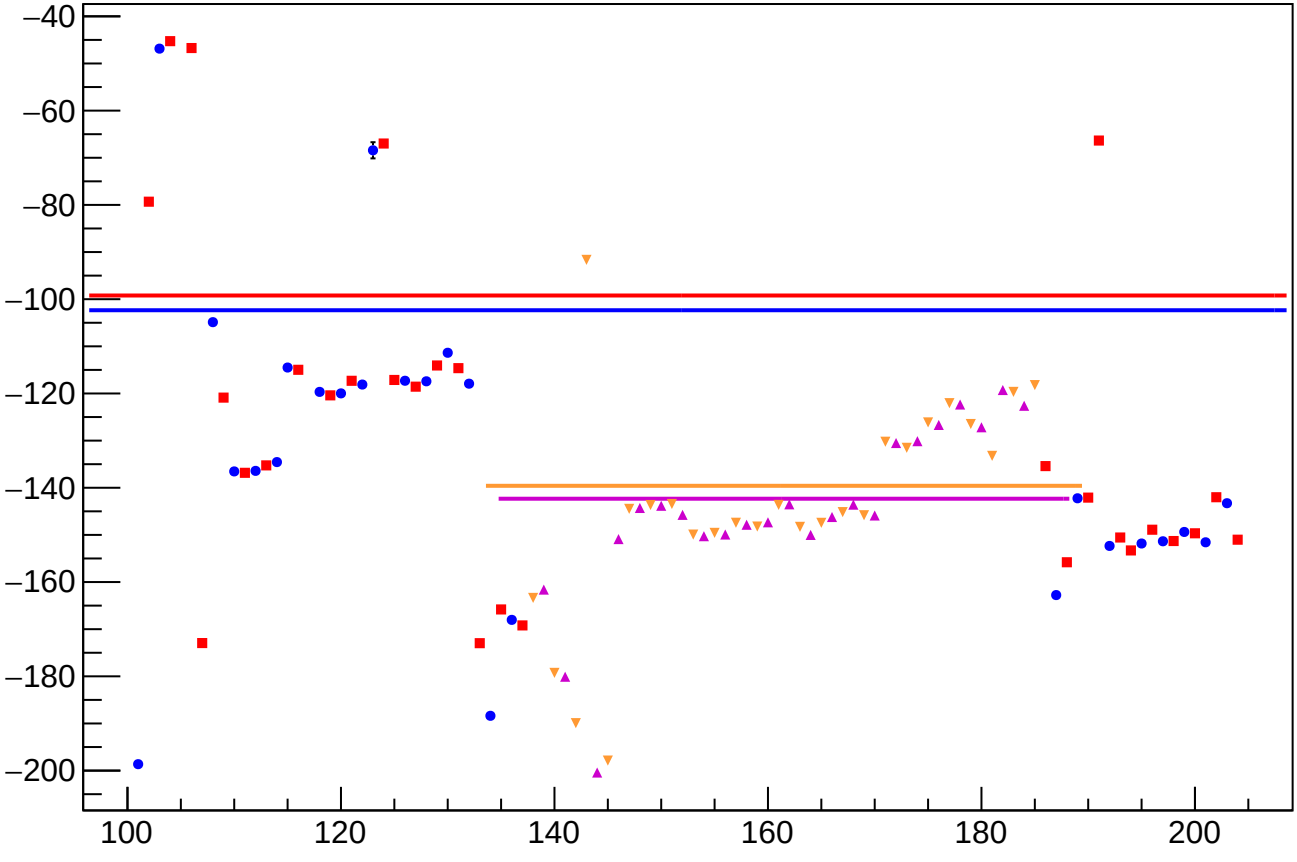
Right: 44.200+/-0.907 χ^2/NDF: 1409.4/53

In: 58.091+/-0.769 χ^2/NDF:1331.3/47

Out: 53.845+/-0.728 χ^2/NDF:1552.1/53

All: 55.852+/-0.529 χ^2/NDF: 2899.6/101

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -102.343+/-0.061 χ^2/NDF: 680079.4/24

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -99.217+/-0.056 χ^2/NDF: 725406.7/28

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

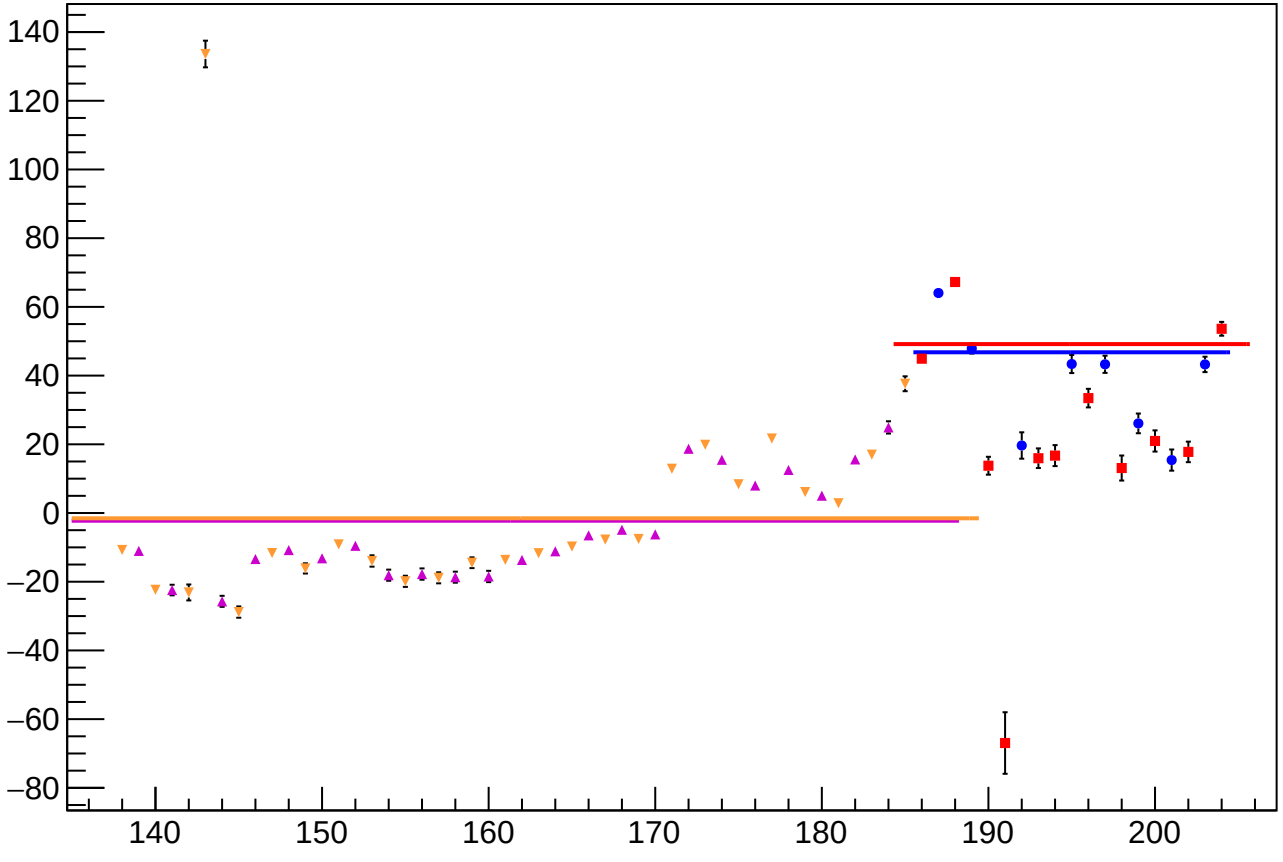
Right: -100.654+/-0.041 χ^2/NDF: 1406921.6/53

In: -128.581+/-0.036 χ^2/NDF:1109784.2/47

Out: -124.547+/-0.034 χ^2/NDF:1296101.7/53

All: -126.482+/-0.025 χ^2/NDF: 2412582.1/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 46.784+/-0.751 χ^2/NDF: 365.7/7

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 49.171+/-0.496 χ^2/NDF: 1500.4/10

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

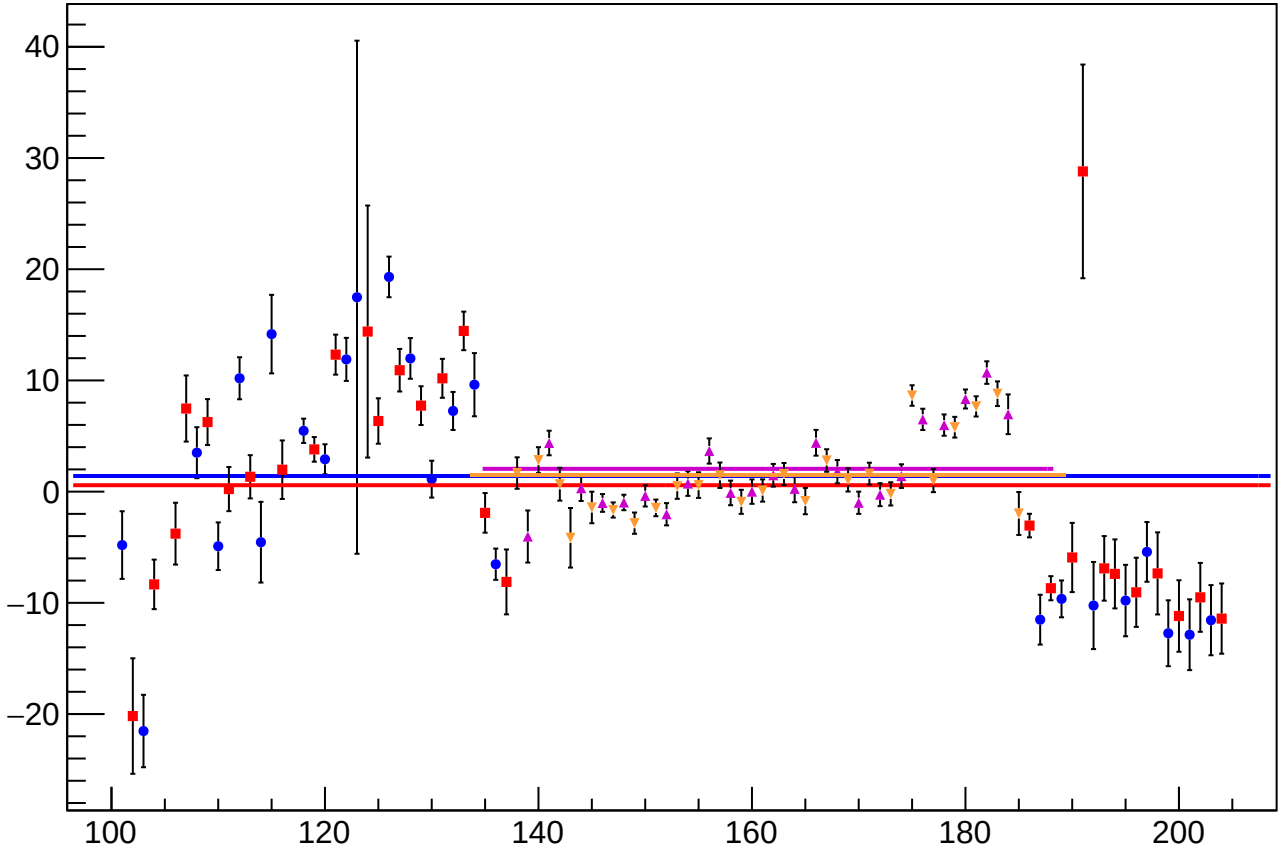
Right: 48.447+/-0.414 χ^2/NDF: 1873.1/18

In: 3.346+/-0.254 χ^2/NDF:6700.1/30

Out: 9.914+/-0.236 χ^2/NDF:13733.4/35

All: 6.873+/-0.173 χ^2/NDF: 20793.3/66

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.405+/-0.415 χ^2/NDF: 491.9/24

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 0.577+/-0.378 χ^2/NDF: 423.2/28

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

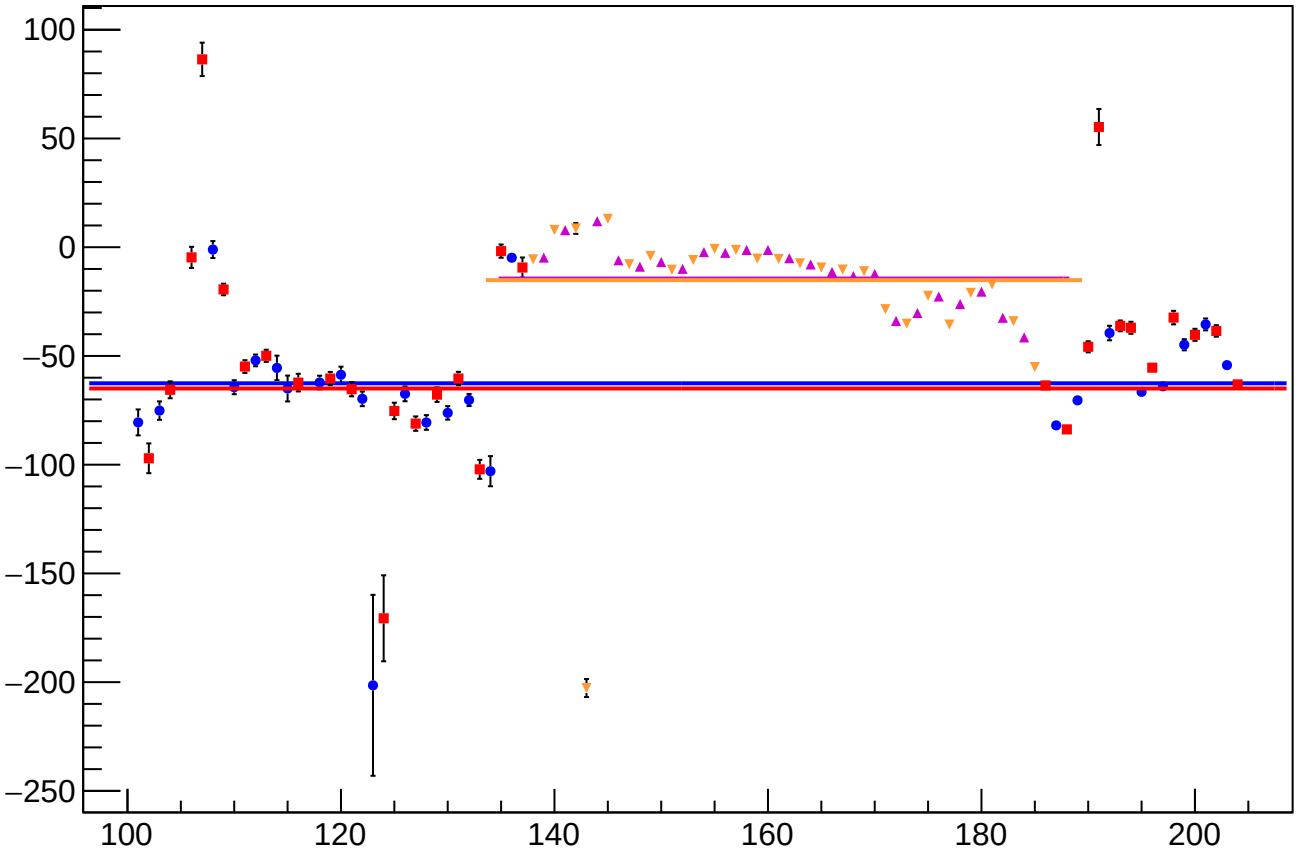
Right: 0.953+/-0.279 χ^2/NDF: 917.3/53

In: 1.915+/-0.191 χ^2/NDF:769.2/47

Out: 1.275+/-0.184 χ^2/NDF:686.0/53

All: 1.583+/-0.132 χ^2/NDF: 1461.1/101

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.575+/-0.515 χ^2/NDF: 1640.0/24

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -64.970+/-0.370 χ^2/NDF: 3336.8/28

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

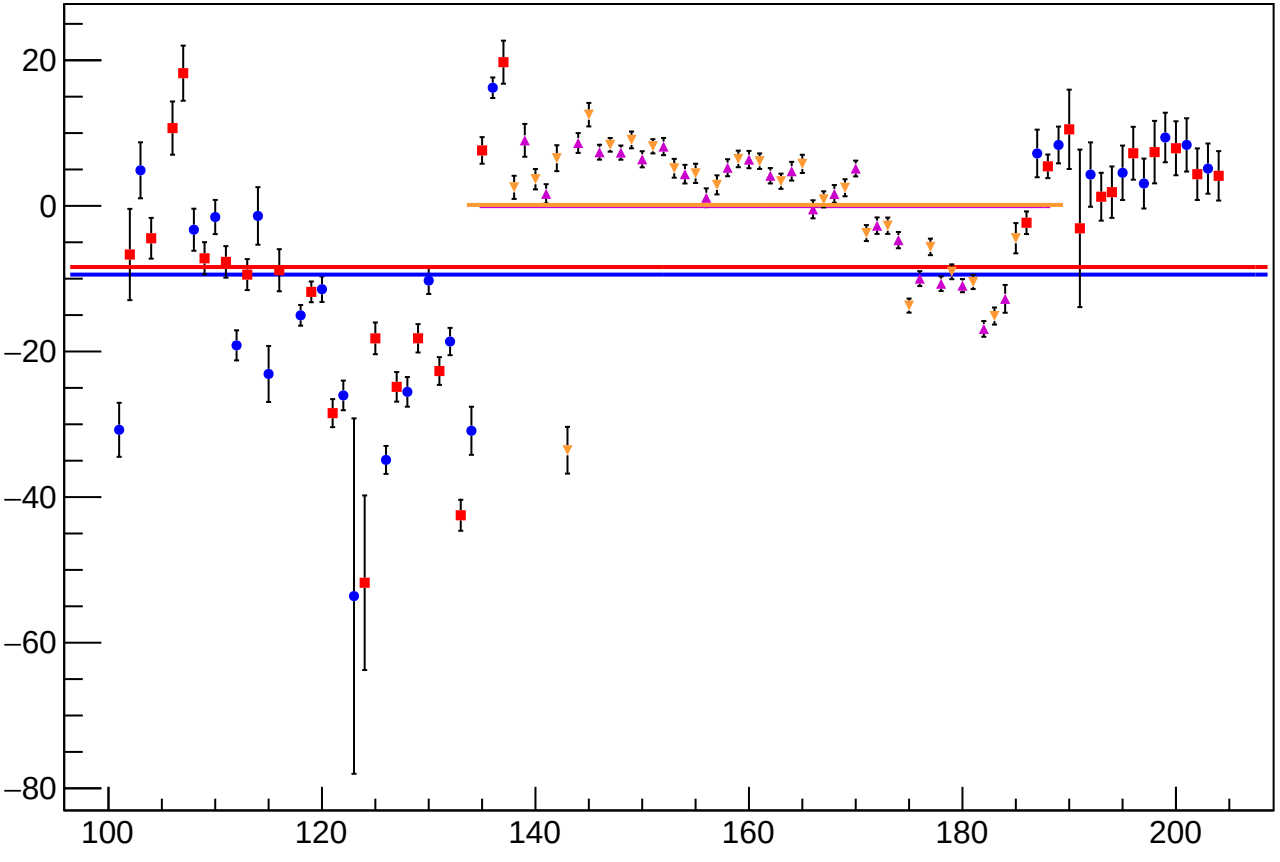
Right: -64.153+/-0.301 χ^2/NDF: 4991.0/53

In: -24.688+/-0.238 χ^2/NDF:10590.7/47

Out: -32.166+/-0.217 χ^2/NDF:19702.4/53

All: -28.776+/-0.160 χ^2/NDF: 30833.9/101

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.440+/-0.484 χ^2/NDF: 1008.9/24

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -8.399+/-0.455 χ^2/NDF: 993.7/28

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

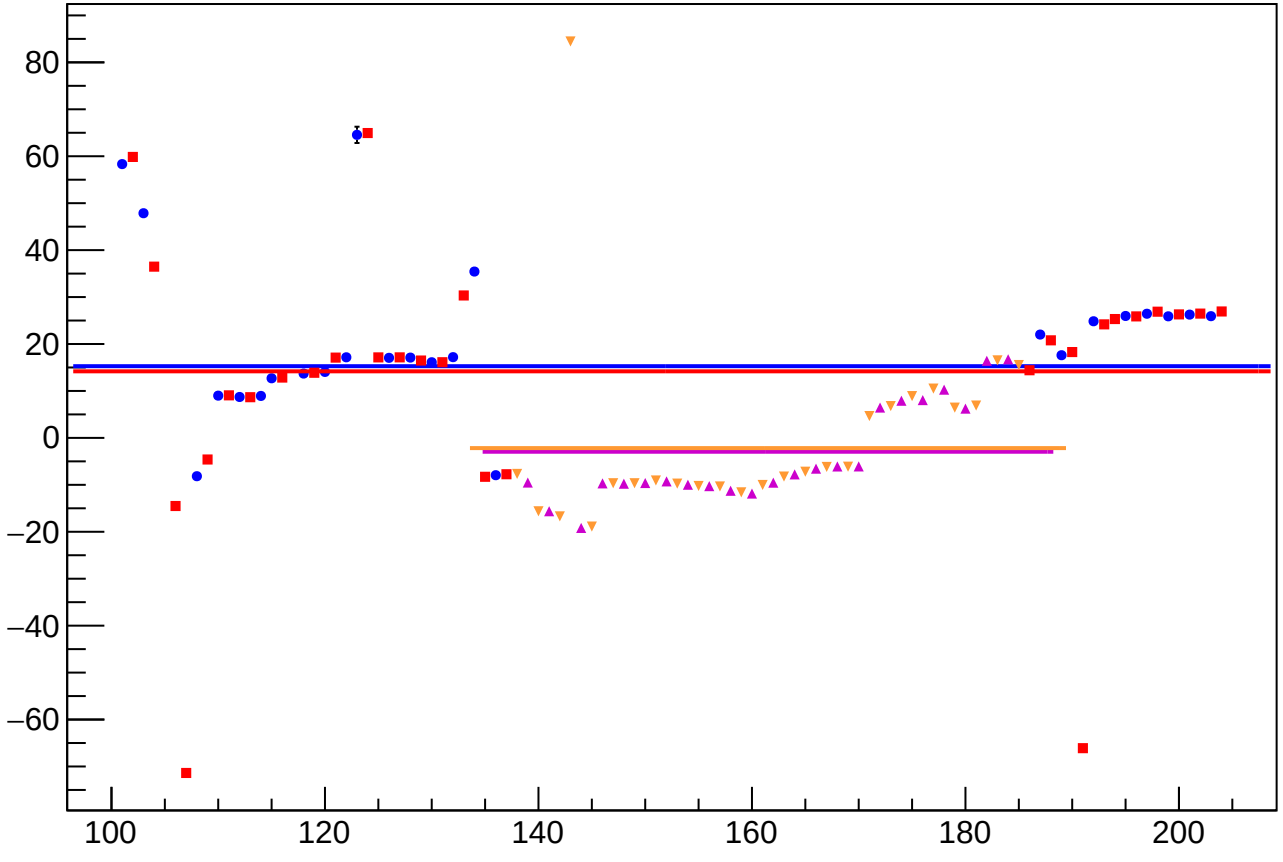
Right: -8.887+/-0.332 χ^2/NDF: 2005.0/53

In: -1.919+/-0.217 χ^2/NDF:2337.9/47

Out: -1.704+/-0.211 χ^2/NDF:2416.4/53

All: -1.809+/-0.151 χ^2/NDF: 4754.8/101

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.274+/-0.025 χ^2/NDF: 460856.9/24

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 14.180+/-0.023 χ^2/NDF: 739479.2/28

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

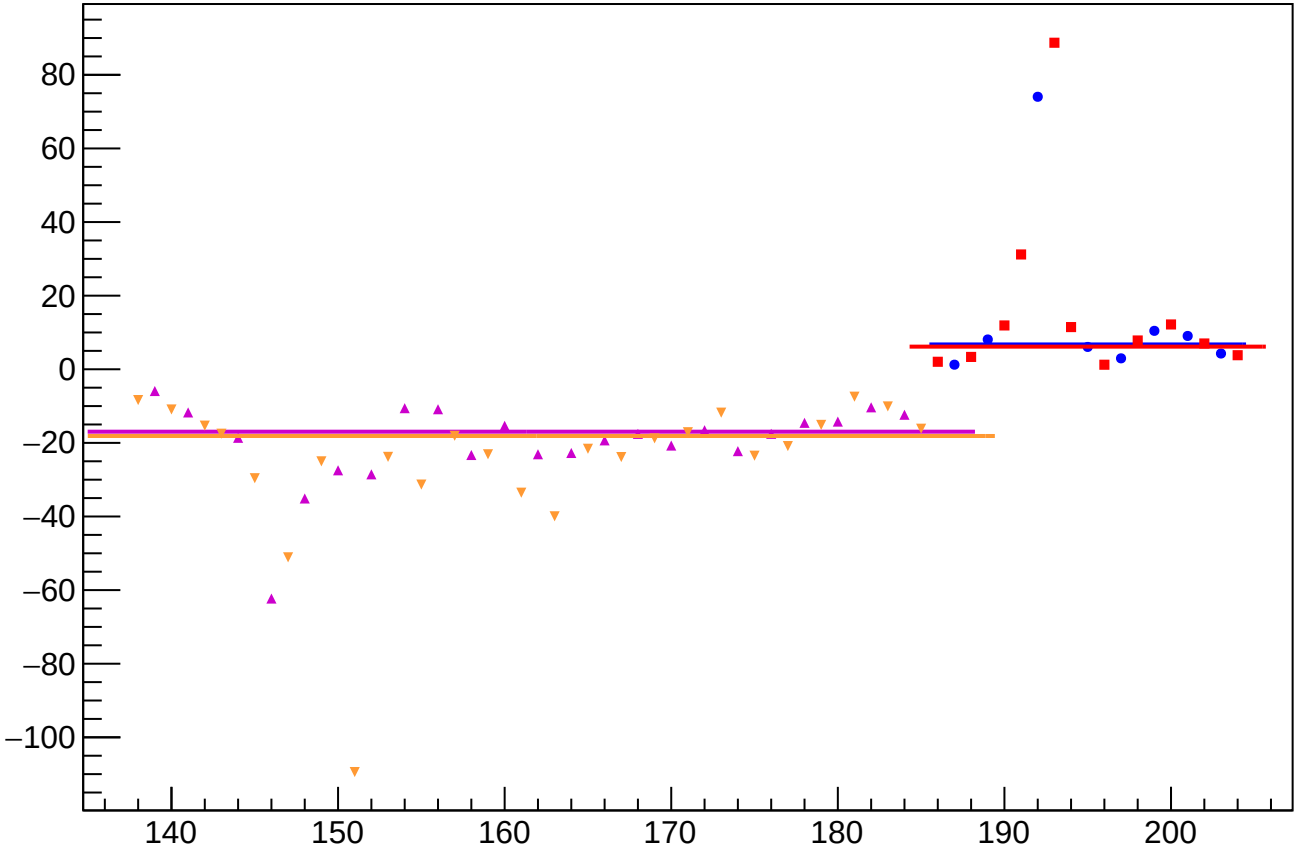
Right: 14.693+/-0.017 χ^2/NDF: 1201375.1/53

In: 0.041+/-0.010 χ^2/NDF:1685878.3/47

Out: 0.780+/-0.010 χ^2/NDF:2192000.3/53

All: 0.415+/-0.007 χ^2/NDF: 3880637.6/101

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.746+/-0.077 χ^2/NDF: 11920.4/7

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 6.152+/-0.064 χ^2/NDF: 25736.0/10

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

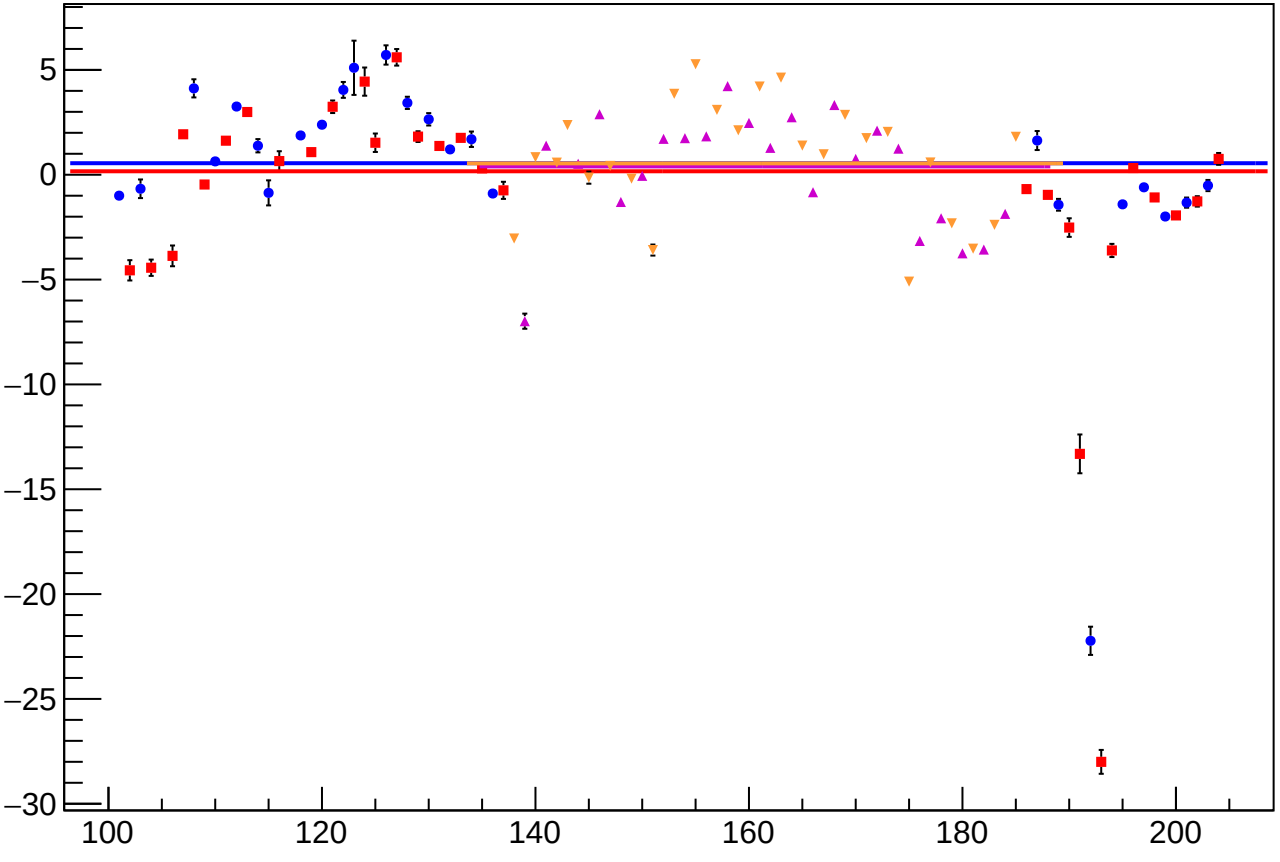
Right: 6.392+/-0.049 χ^2/NDF: 37691.9/18

In: -12.322+/-0.034 χ^2/NDF:132780.8/30

Out: -11.490+/-0.033 χ^2/NDF:220423.5/35

All: -11.895+/-0.024 χ^2/NDF: 353509.7/66

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.550+/-0.050 χ^2/NDF: 2492.7/24

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.165+/-0.047 χ^2/NDF: 4255.2/28

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

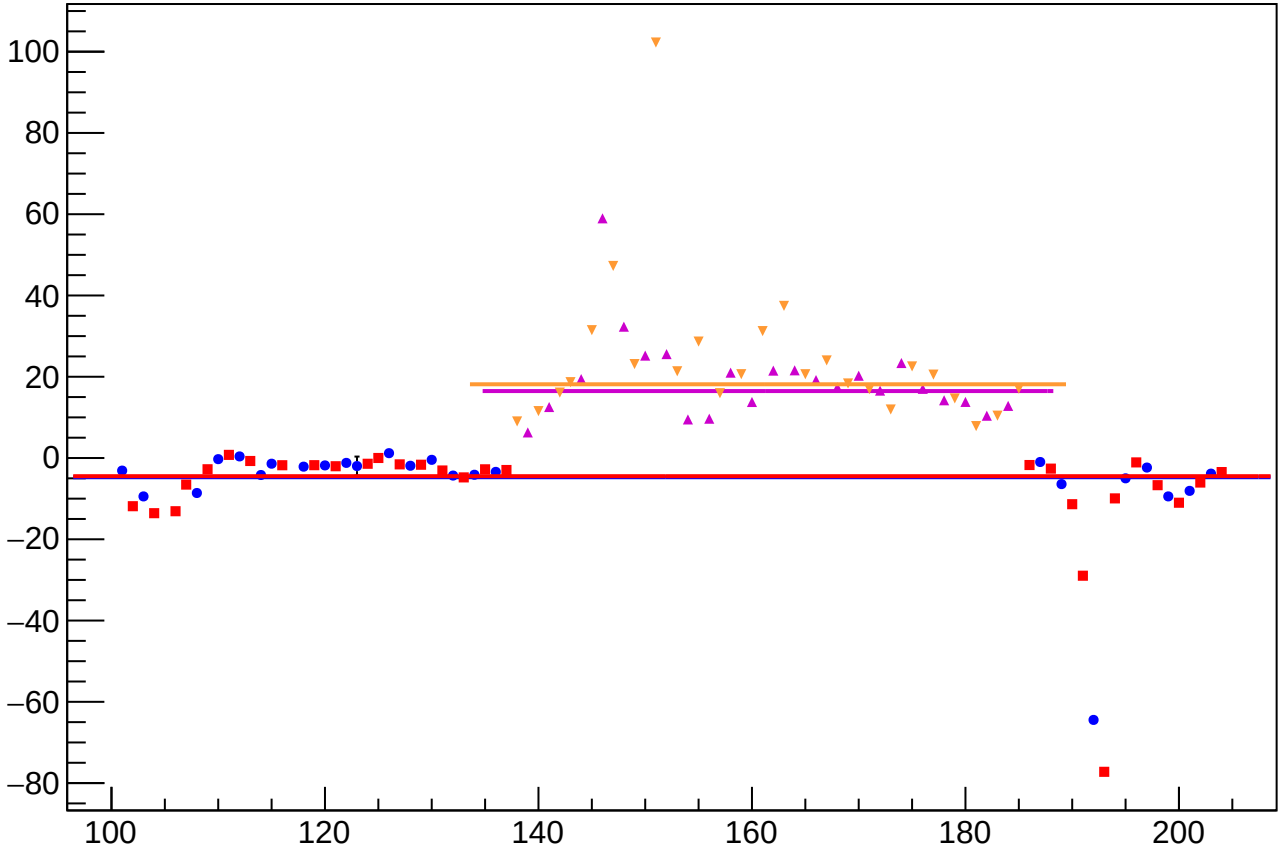
Right: 0.344+/-0.034 χ^2/NDF: 6779.3/53

In: 0.439+/-0.026 χ^2/NDF:8785.6/47

Out: 0.420+/-0.027 χ^2/NDF:11367.0/53

All: 0.430+/-0.019 χ^2/NDF: 20152.9/101

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.726+/-0.057 χ^2/NDF: 13337.3/24

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.472+/-0.048 χ^2/NDF: 27616.6/28

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

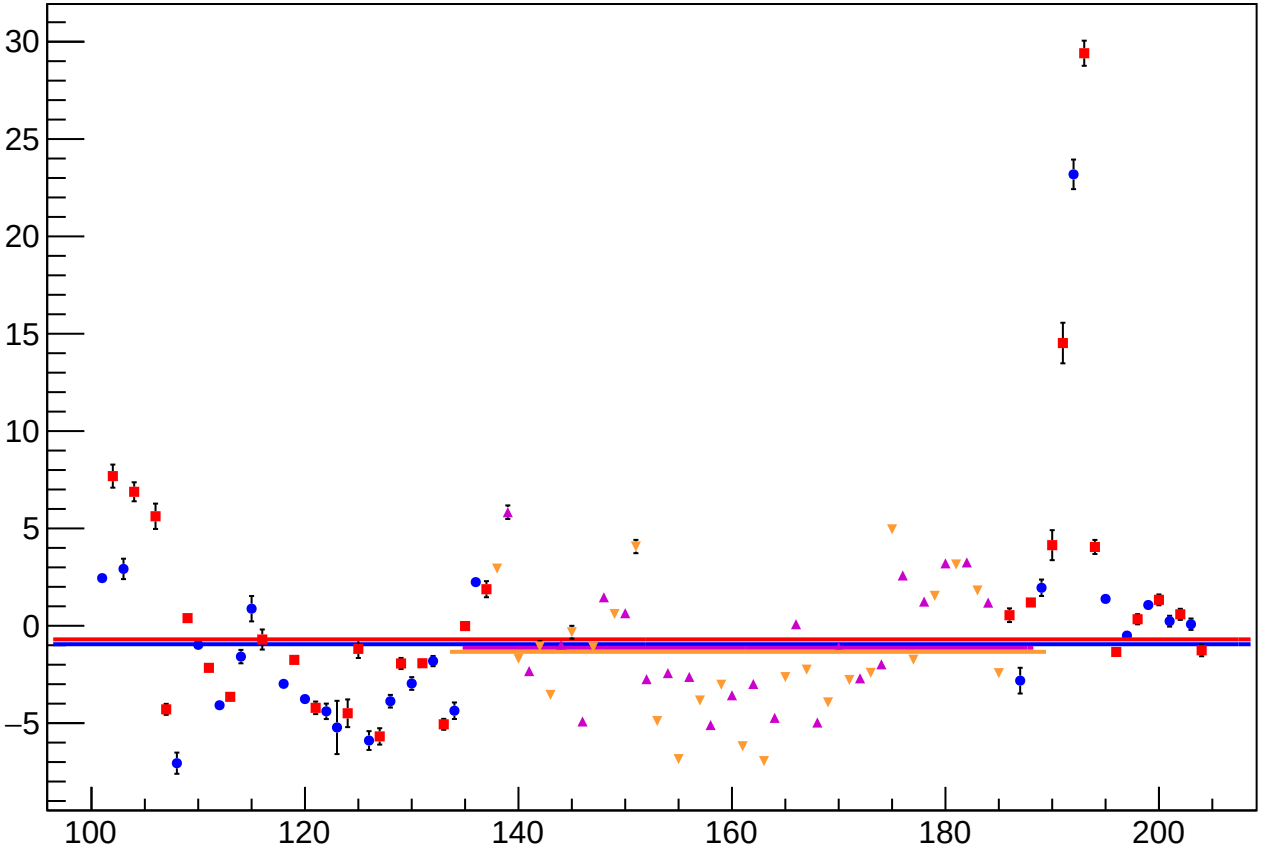
Right: -4.576+/-0.037 χ^2/NDF: 40965.5/53

In: 10.095+/-0.031 χ^2/NDF:150257.0/47

Out: 9.040+/-0.030 χ^2/NDF:239919.6/53

All: 9.547+/-0.022 χ^2/NDF: 390760.7/101

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.948+/-0.059 χ^2/NDF: 2734.6/24

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.698+/-0.055 χ^2/NDF: 4458.6/28

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

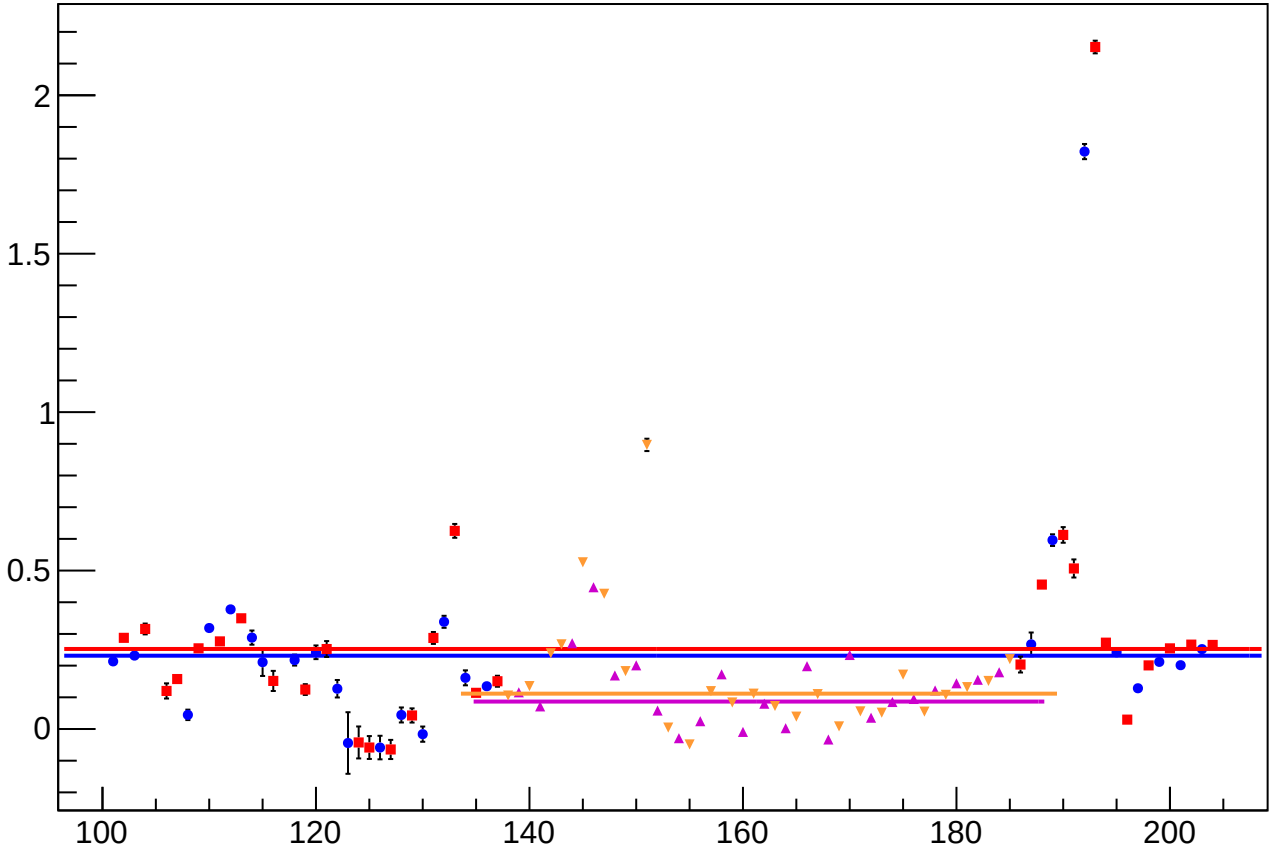
Right: -0.814+/-0.040 χ^2/NDF: 7202.9/53

In: -1.083+/-0.029 χ^2/NDF:9520.3/47

Out: -1.144+/-0.030 χ^2/NDF:12475.2/53

All: -1.113+/-0.021 χ^2/NDF: 21997.6/101

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.231+/-0.003 χ^2/NDF: 5737.6/24

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.253+/-0.002 χ^2/NDF: 11642.8/28

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

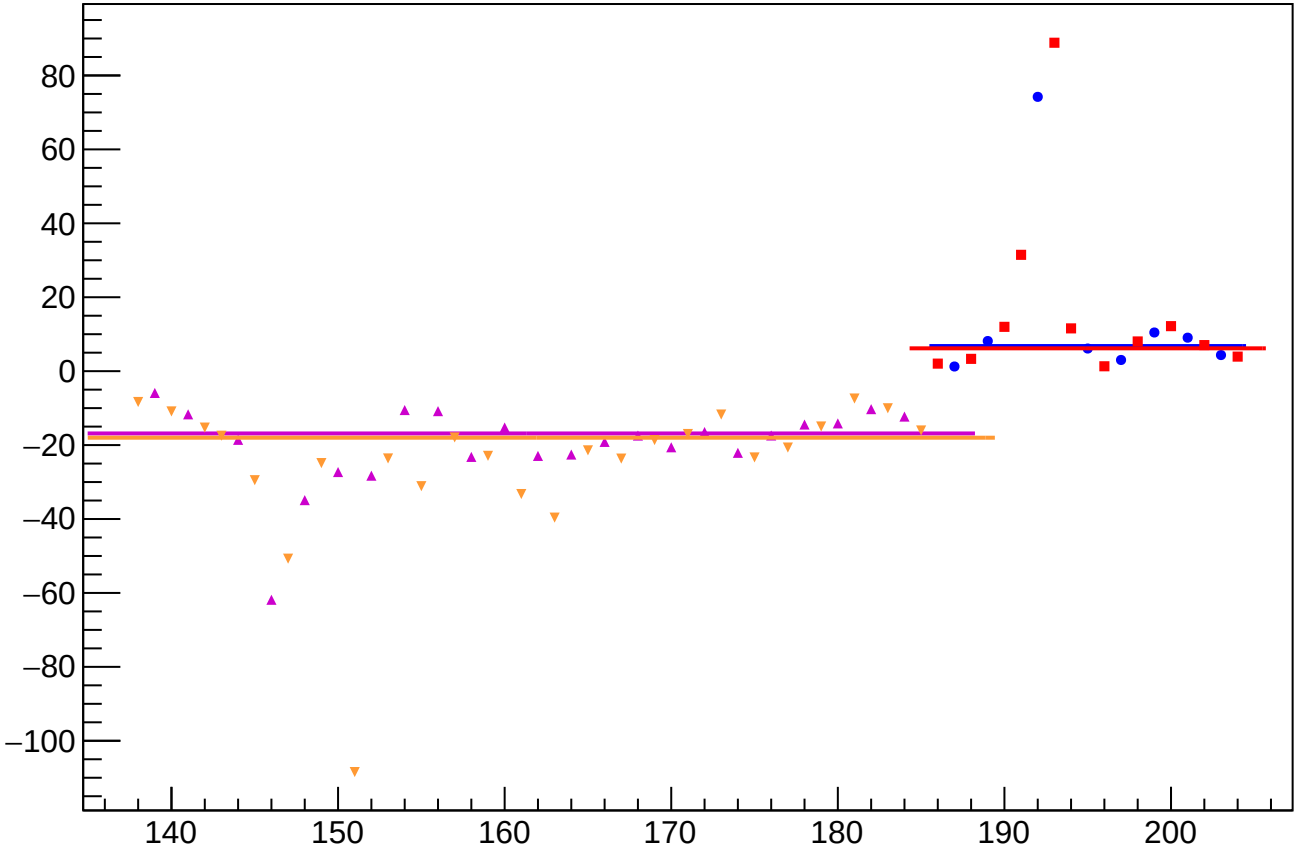
Right: 0.243+/-0.002 χ^2/NDF: 17415.2/53

In: 0.122+/-0.001 χ^2/NDF:11693.7/47

Out: 0.154+/-0.001 χ^2/NDF:18404.2/53

All: 0.137+/-0.001 χ^2/NDF: 30382.7/101

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.792+/-0.077 χ^2/NDF: 12042.5/7

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.176+/-0.063 χ^2/NDF: 26077.7/10

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

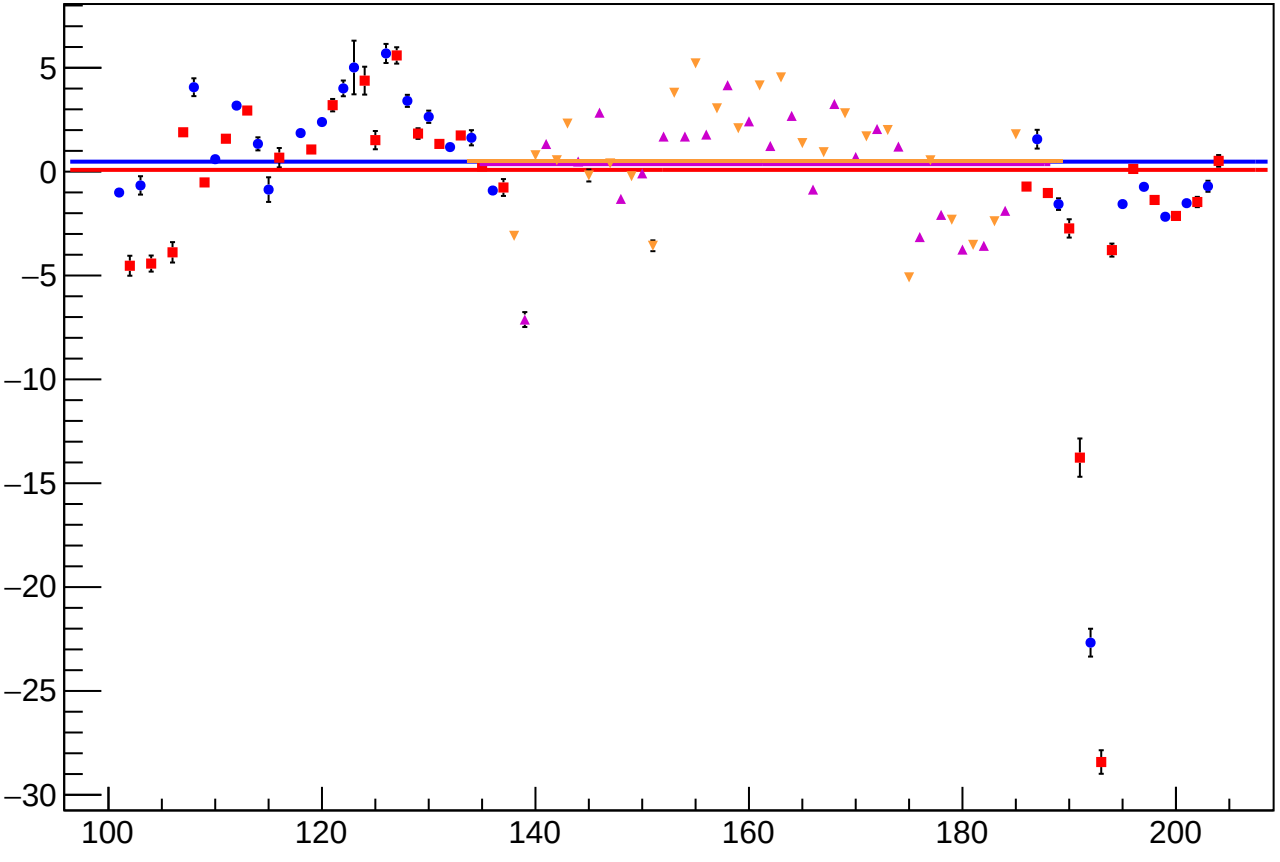
Right: 6.424+/-0.049 χ^2/NDF: 38158.7/18

In: -12.242+/-0.034 χ^2/NDF:133248.2/30

Out: -11.386+/-0.033 χ^2/NDF:221369.7/35

All: -11.803+/-0.024 χ^2/NDF: 354946.4/66

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.481+/-0.050 χ^2/NDF: 2607.3/24

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.085+/-0.046 χ^2/NDF: 4421.3/28

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

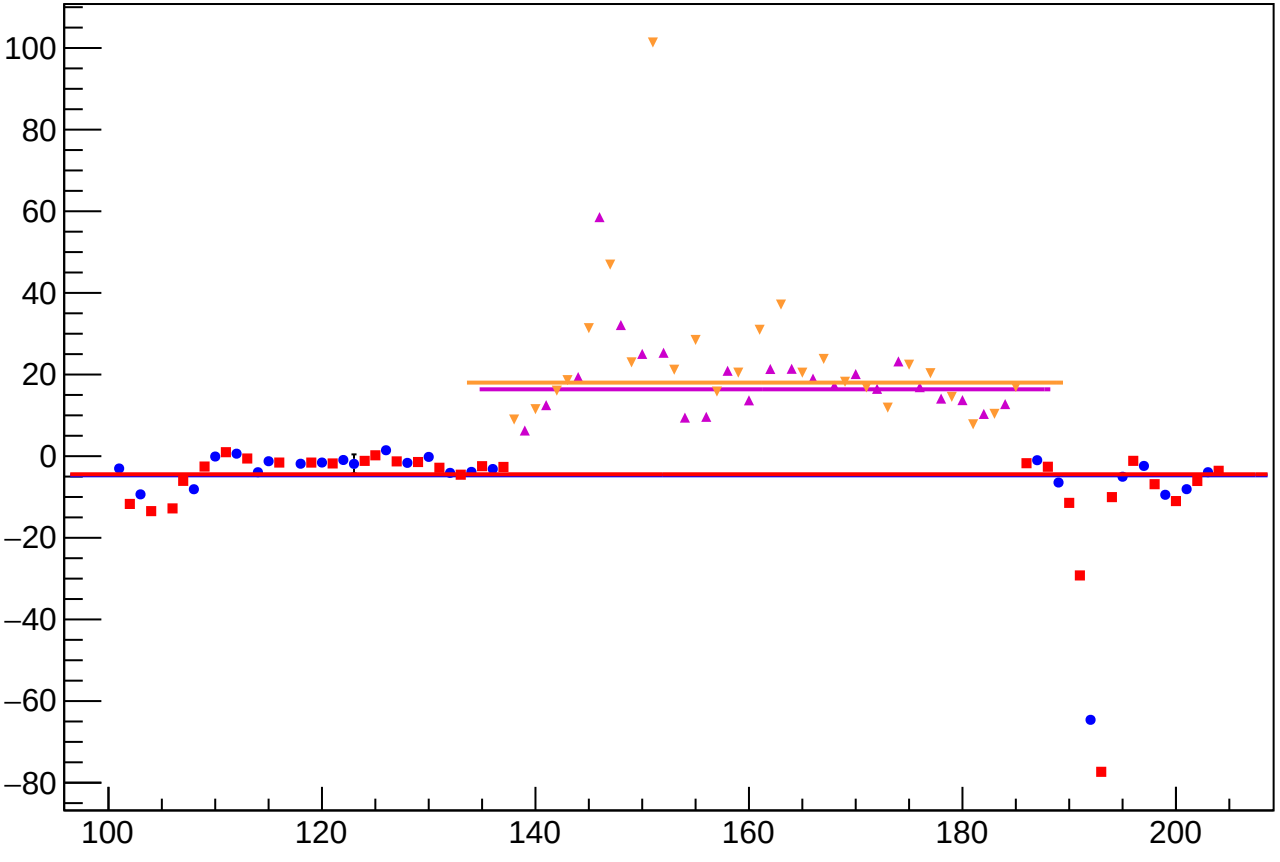
Right: 0.269+/-0.034 χ^2/NDF: 7062.2/53

In: 0.393+/-0.026 χ^2/NDF:8885.0/47

Out: 0.373+/-0.026 χ^2/NDF:11531.1/53

All: 0.383+/-0.019 χ^2/NDF: 20416.3/101

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.693+/-0.057 χ^2/NDF: 13582.0/24

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -4.434+/-0.047 χ^2/NDF: 28080.5/28

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

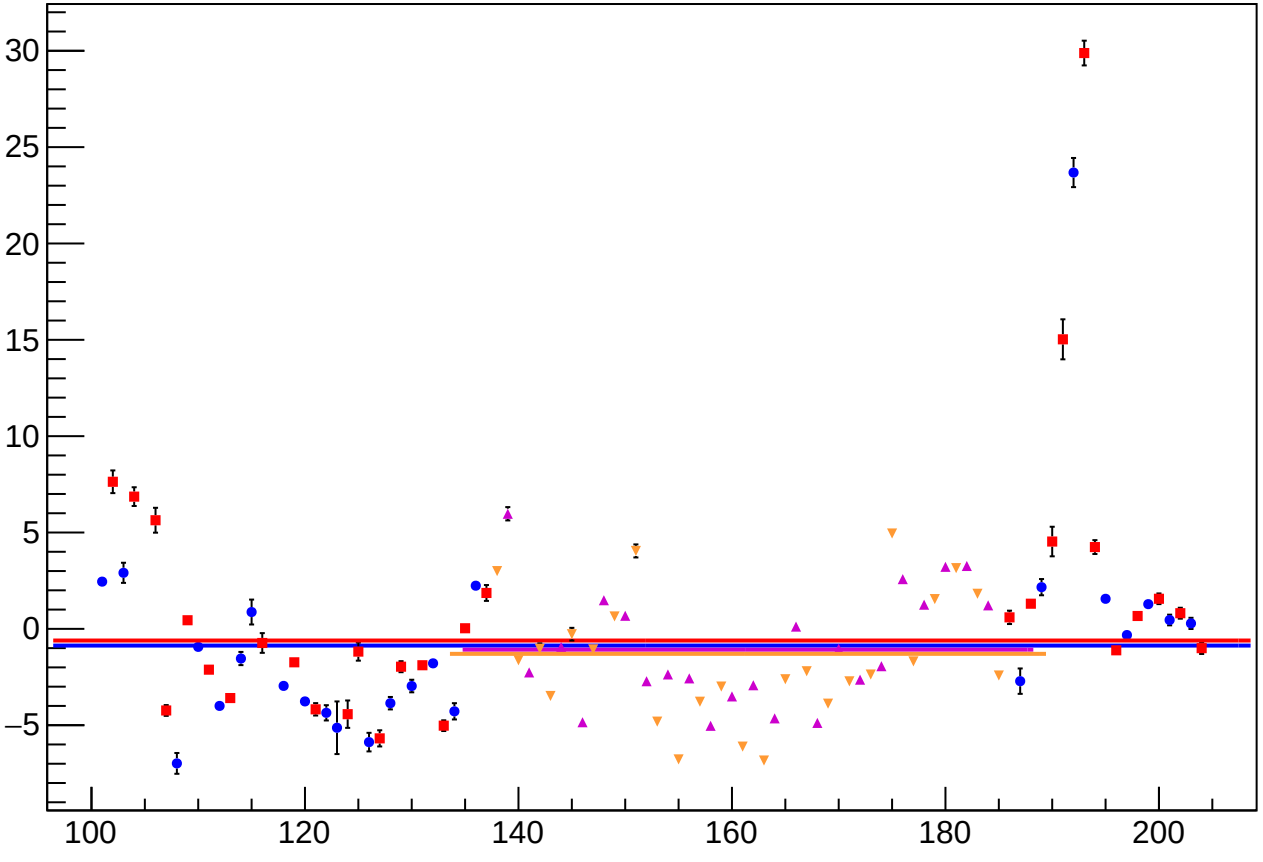
Right: -4.540+/-0.036 χ^2/NDF: 41674.7/53

In: 10.051+/-0.031 χ^2/NDF:150257.1/47

Out: 8.976+/-0.030 χ^2/NDF:240306.8/53

All: 9.492+/-0.022 χ^2/NDF: 391178.5/101

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.868+/-0.058 χ^2/NDF: 2826.9/24

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.605+/-0.054 χ^2/NDF: 4613.6/28

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

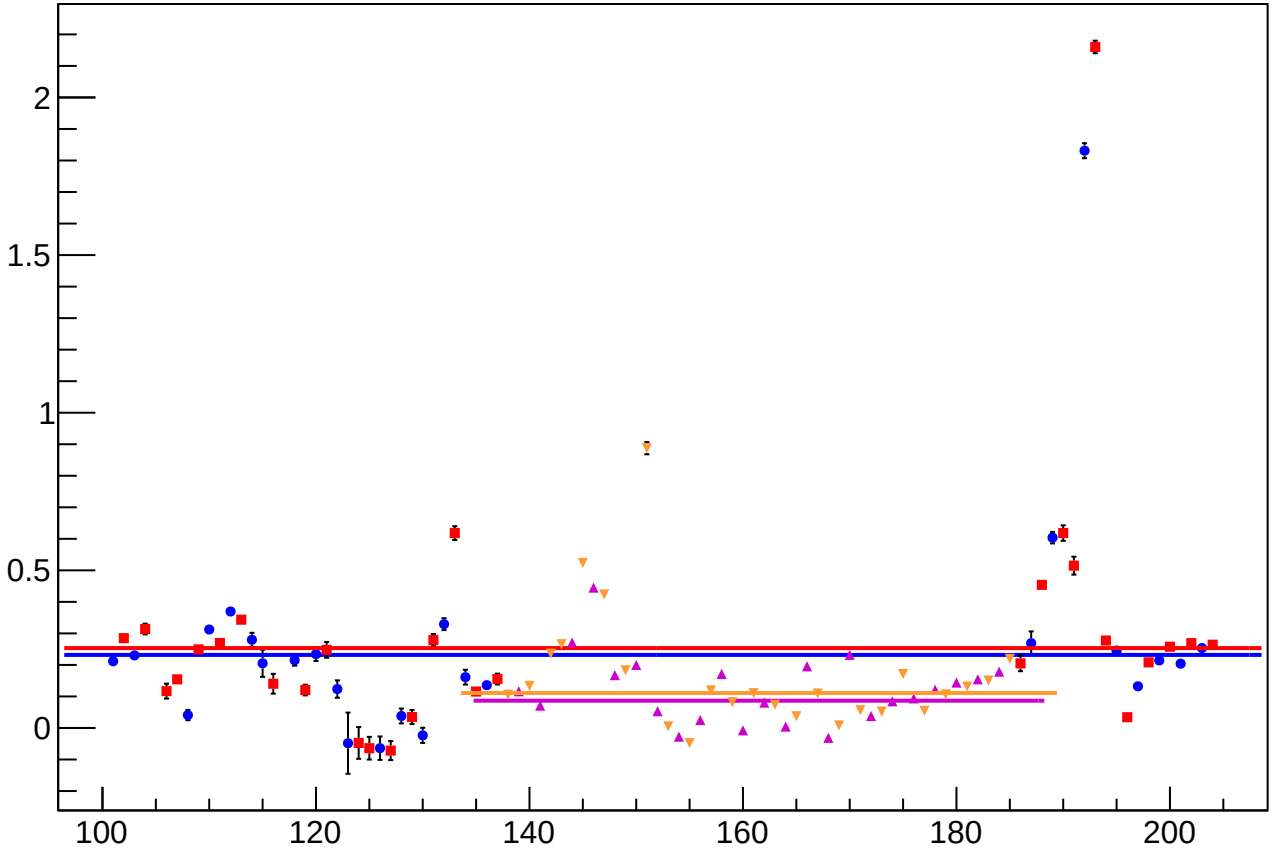
Right: -0.727+/-0.040 χ^2/NDF: 7451.3/53

In: -1.027+/-0.029 χ^2/NDF:9600.9/47

Out: -1.088+/-0.030 χ^2/NDF:12630.3/53

All: -1.057+/-0.021 χ^2/NDF: 22233.3/101

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.232+/-0.003 χ^2/NDF: 5825.6/24

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.253+/-0.002 χ^2/NDF: 11780.1/28

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

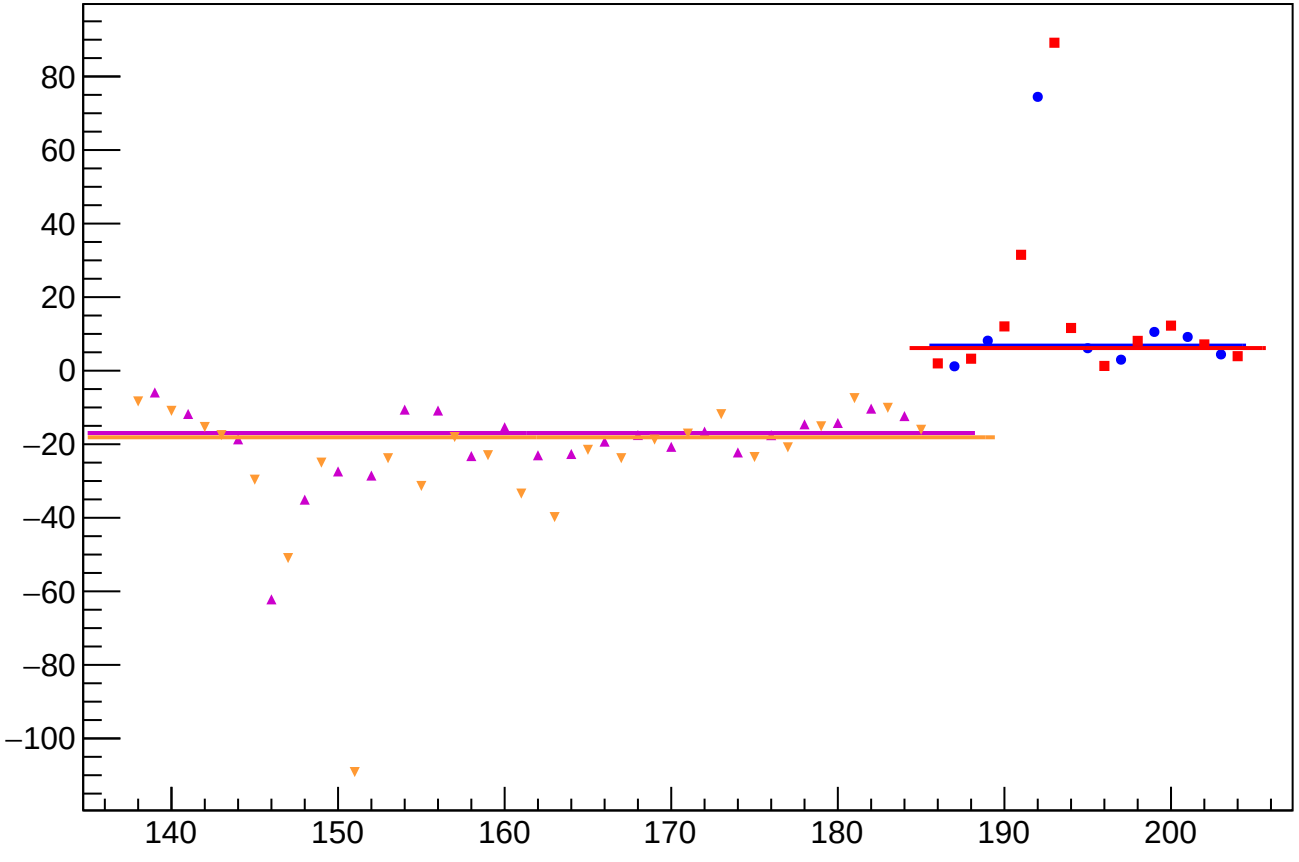
Right: 0.243+/-0.002 χ^2/NDF: 17642.2/53

In: 0.122+/-0.001 χ^2/NDF:11790.3/47

Out: 0.153+/-0.001 χ^2/NDF:18610.0/53

All: 0.137+/-0.001 χ^2/NDF: 30682.2/101

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.818+/-0.077 χ^2/NDF: 12059.6/7

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 6.153+/-0.063 χ^2/NDF: 26113.6/10

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

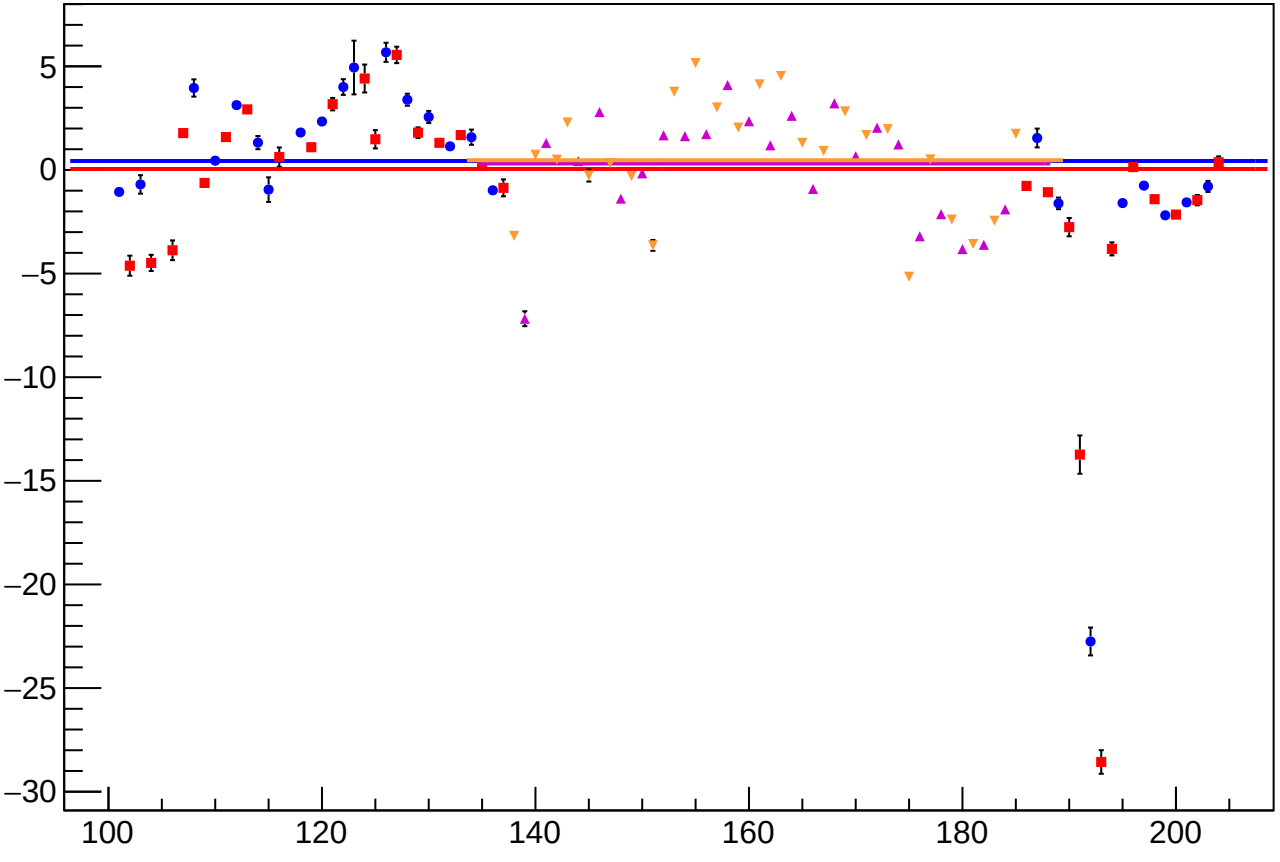
Right: 6.419+/-0.049 χ^2/NDF: 38217.6/18

In: -12.335+/-0.034 χ^2/NDF:133096.7/30

Out: -11.457+/-0.033 χ^2/NDF:221593.1/35

All: -11.884+/-0.024 χ^2/NDF: 355031.3/66

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.433+/-0.050 χ^2/NDF: 2589.9/24

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.047+/-0.047 χ^2/NDF: 4414.5/28

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

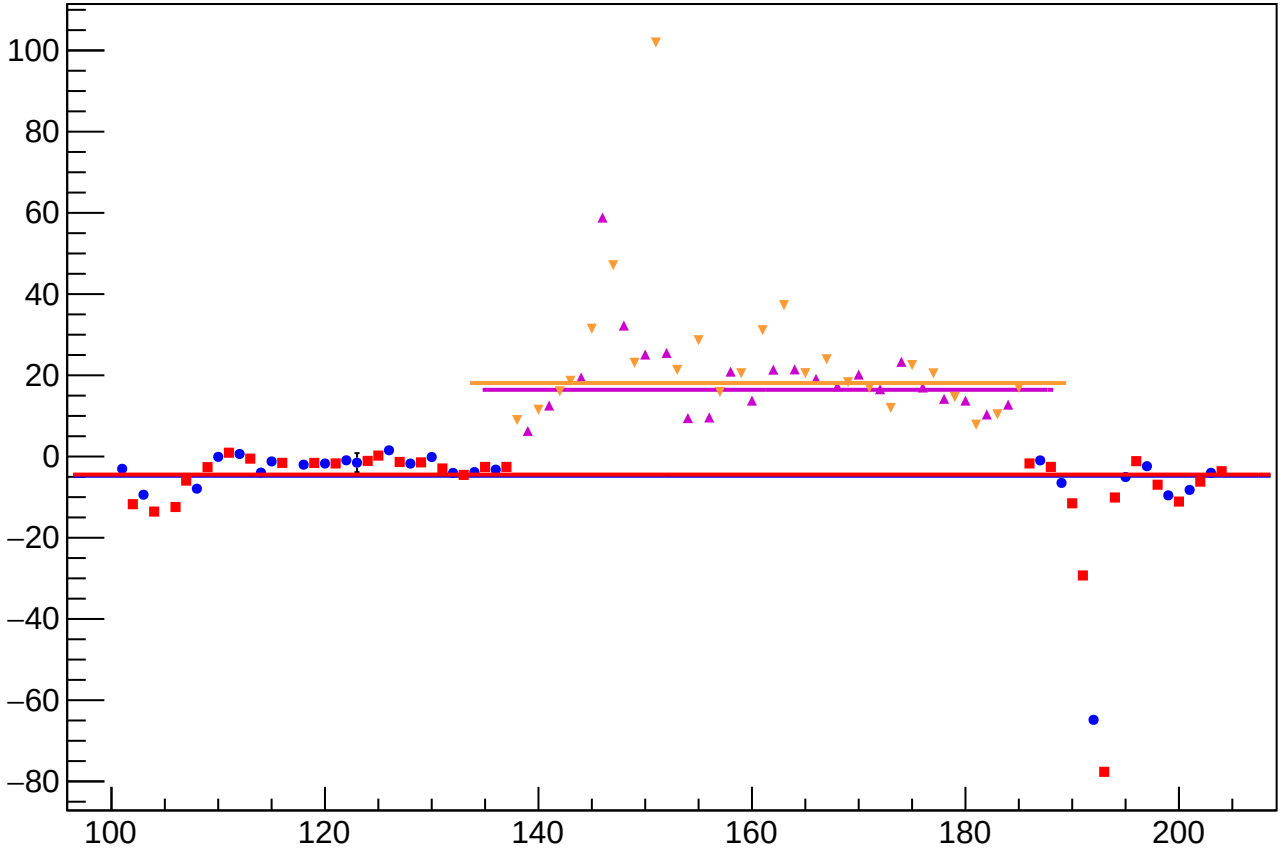
Right: 0.225+/-0.034 χ^2/NDF: 7036.0/53

In: 0.345+/-0.026 χ^2/NDF:8829.0/47

Out: 0.332+/-0.027 χ^2/NDF:11546.5/53

All: 0.339+/-0.019 χ^2/NDF: 20375.6/101

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.057 χ^2/NDF: 13604.4/24

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -4.446+/-0.047 χ^2/NDF: 28099.1/28

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

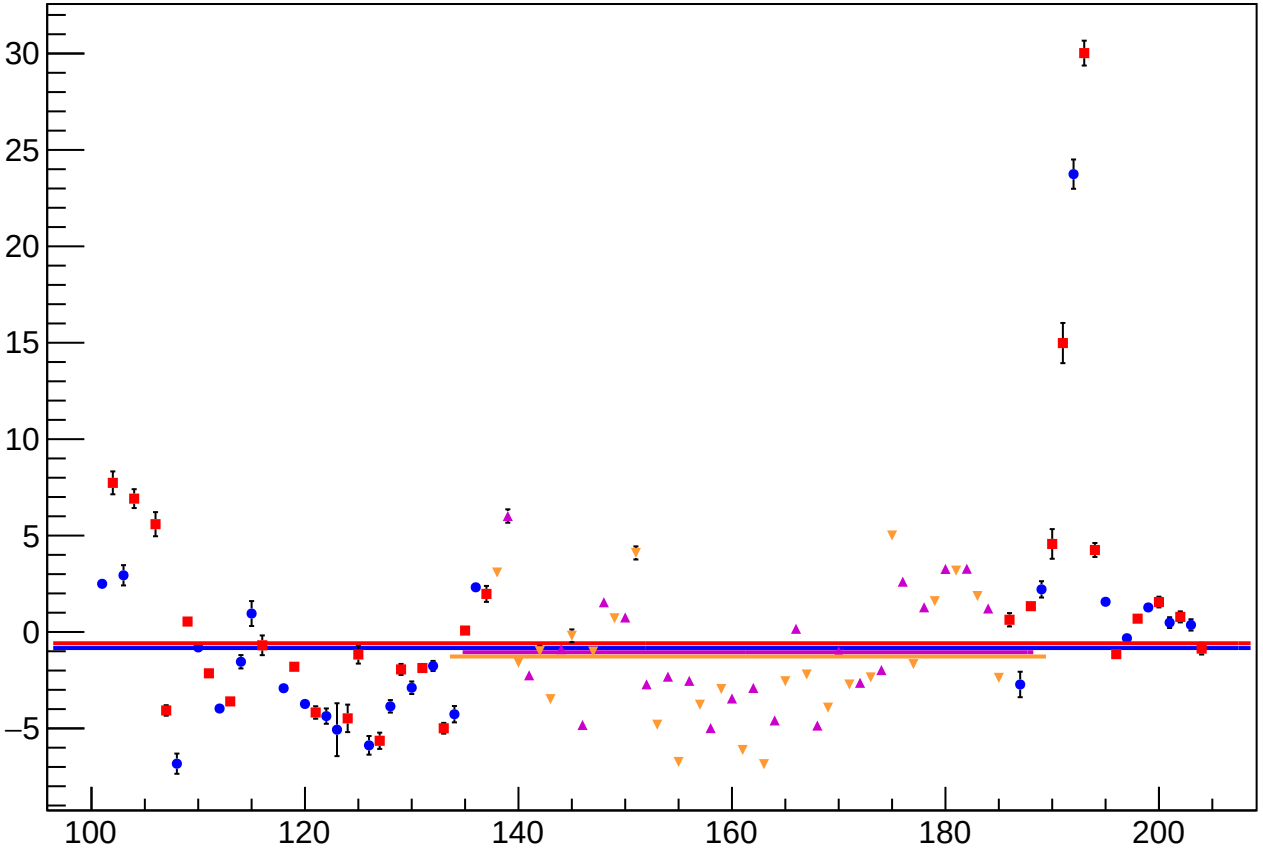
Right: -4.561+/-0.037 χ^2/NDF: 41718.0/53

In: 10.101+/-0.031 χ^2/NDF:150092.5/47

Out: 9.002+/-0.030 χ^2/NDF:240529.4/53

All: 9.529+/-0.022 χ^2/NDF: 391259.9/101

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.834+/-0.059 χ^2/NDF: 2815.8/24

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.586+/-0.054 χ^2/NDF: 4611.5/28

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

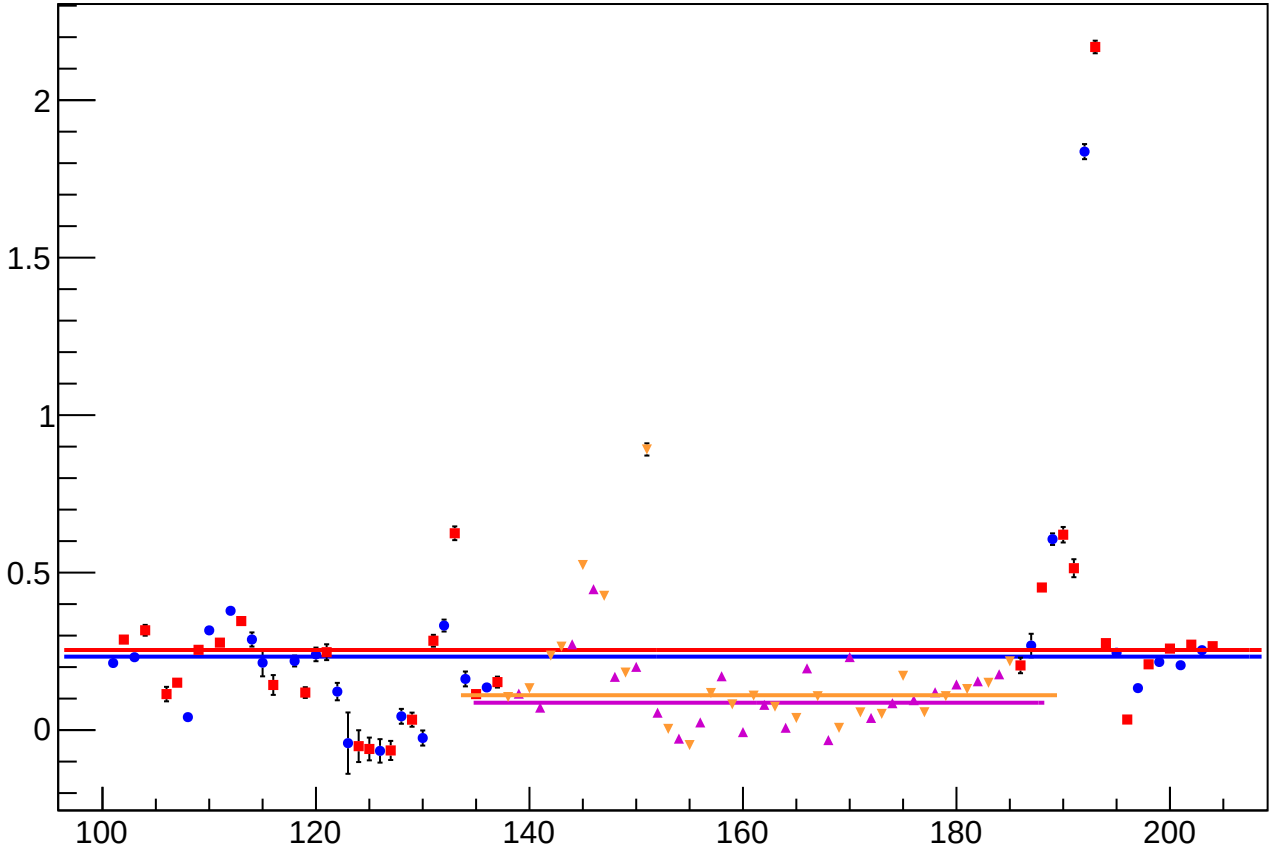
Right: -0.700+/-0.040 χ^2/NDF: 7436.9/53

In: -0.996+/-0.029 χ^2/NDF:9538.9/47

Out: -1.065+/-0.030 χ^2/NDF:12653.6/53

All: -1.030+/-0.021 χ^2/NDF: 22195.3/101

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.233+/-0.003 χ^2/NDF: 5839.9/24

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.254+/-0.002 χ^2/NDF: 11796.0/28

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

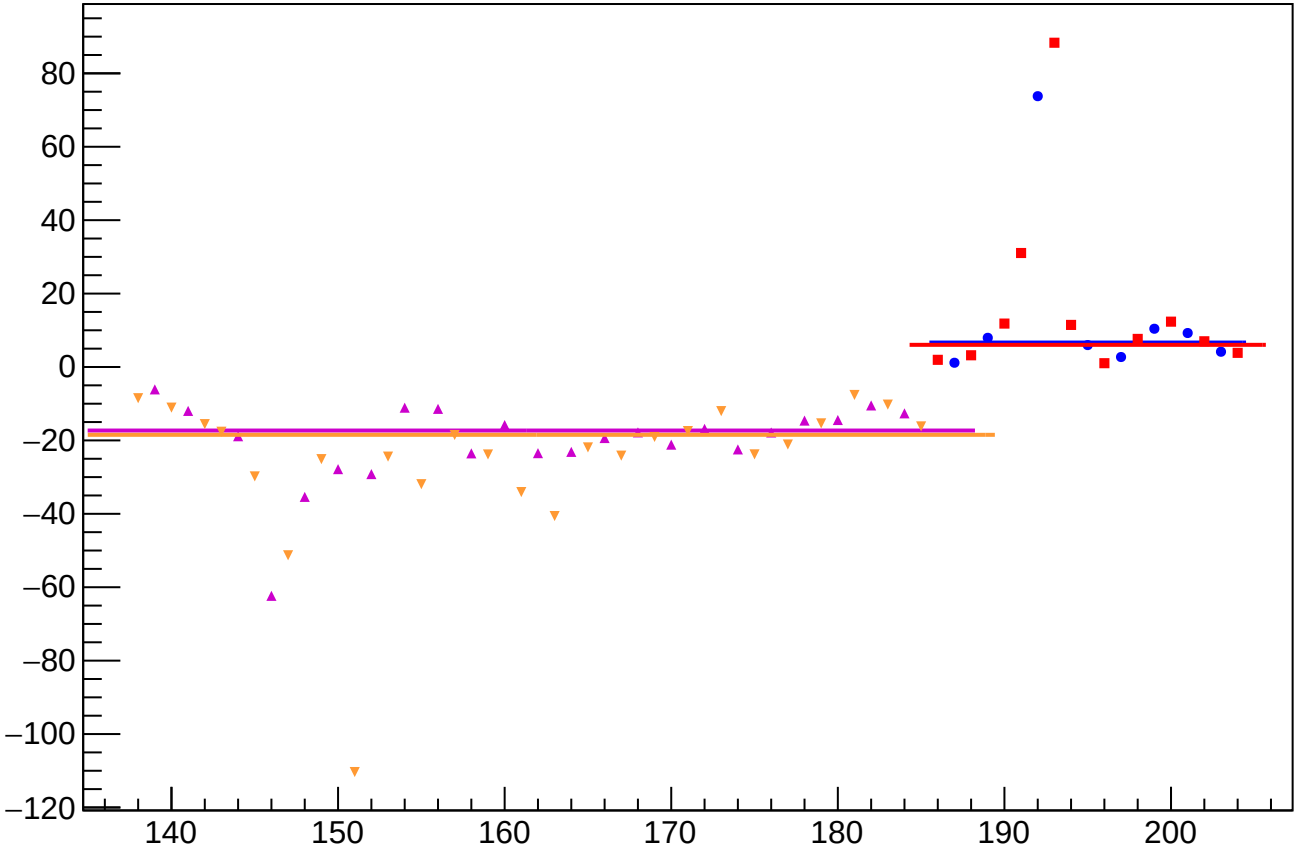
Right: 0.244+/-0.002 χ^2/NDF: 17670.1/53

In: 0.123+/-0.001 χ^2/NDF:11787.8/47

Out: 0.153+/-0.001 χ^2/NDF:18619.4/53

All: 0.137+/-0.001 χ^2/NDF: 30680.6/101

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.660+/-0.078 χ^2/NDF: 11878.9/7

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 6.038+/-0.063 χ^2/NDF: 25640.5/10

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

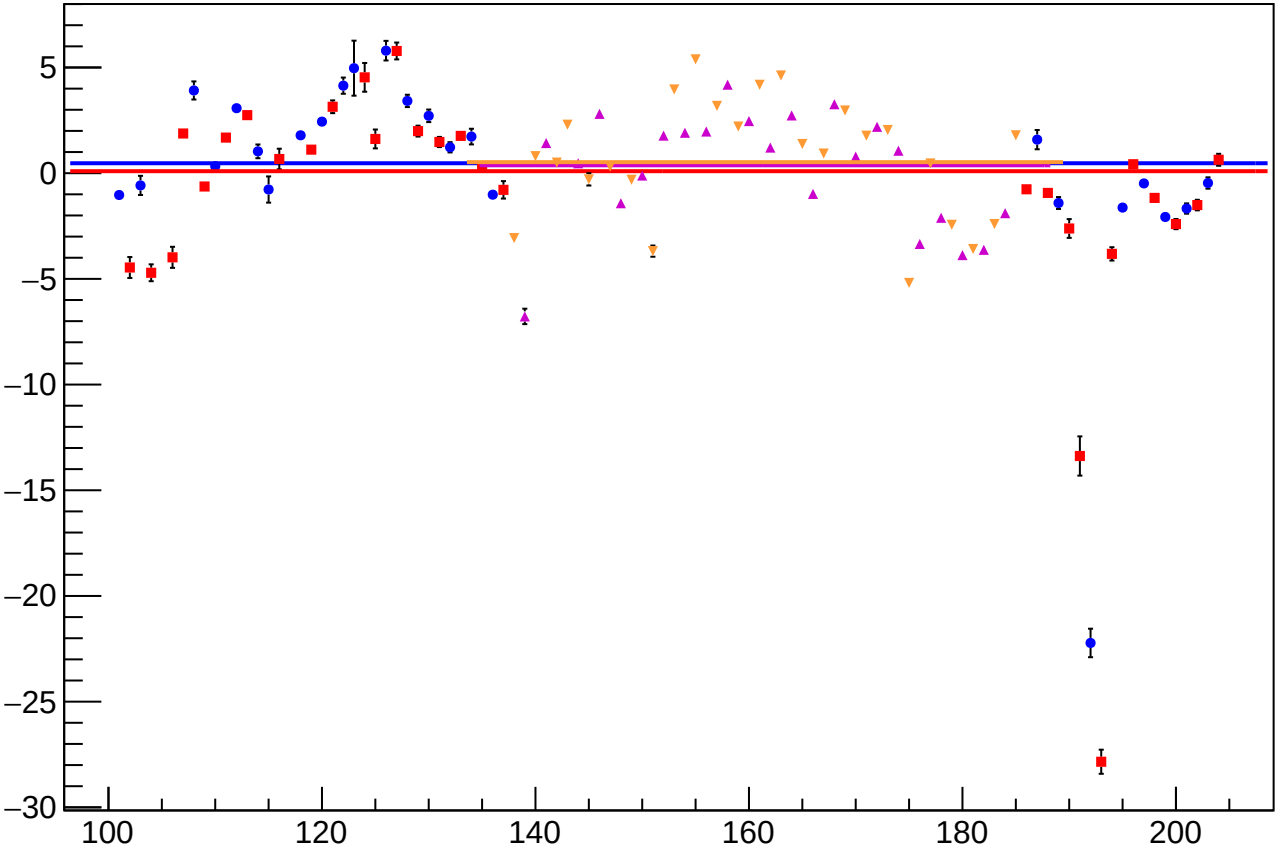
Right: 6.287+/-0.049 χ^2/NDF: 37557.9/18

In: -12.519+/-0.035 χ^2/NDF:131953.7/30

Out: -11.563+/-0.034 χ^2/NDF:220806.1/35

All: -12.027+/-0.024 χ^2/NDF: 353150.8/66

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.470+/-0.051 χ^2/NDF: 2483.8/24

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.094+/-0.047 χ^2/NDF: 4263.4/28

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

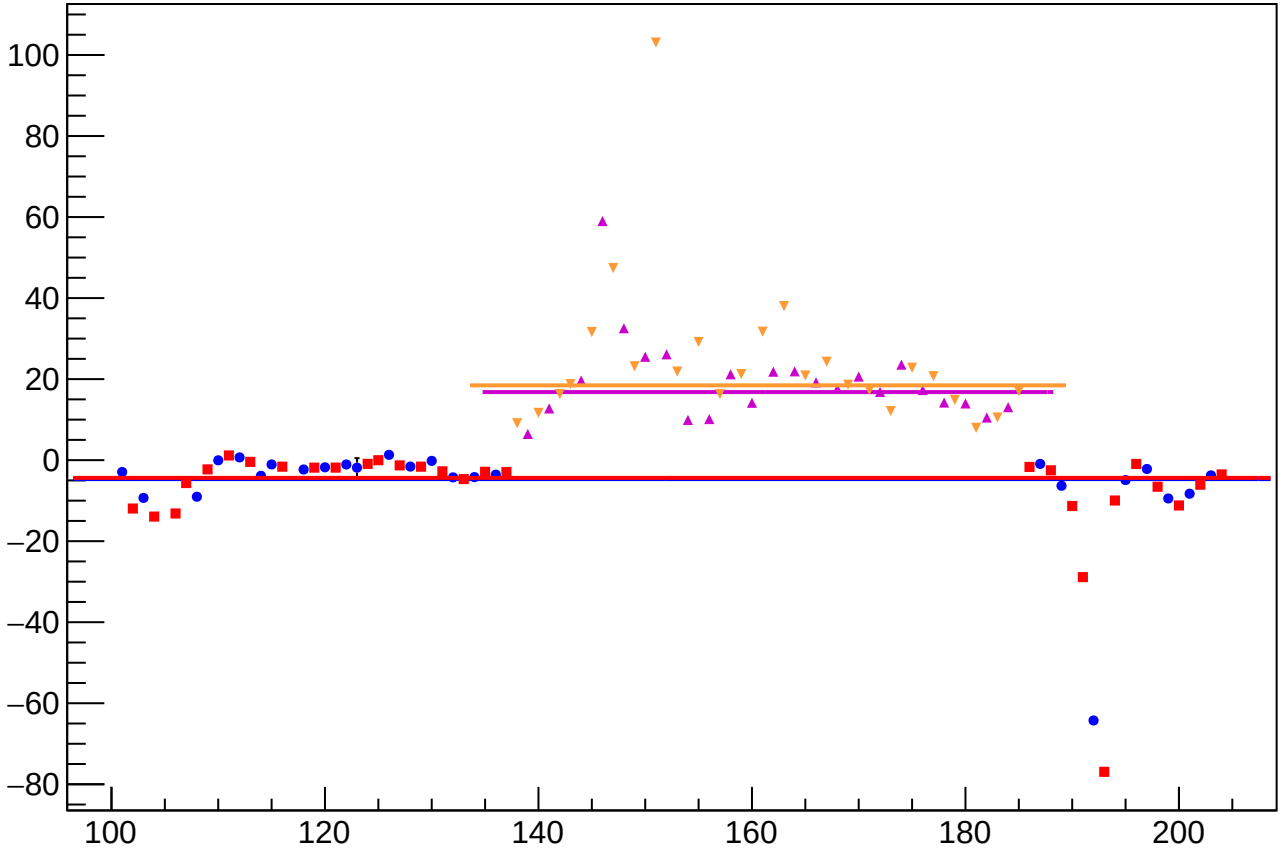
Right: 0.268+/-0.035 χ^2/NDF: 6776.3/53

In: 0.400+/-0.027 χ^2/NDF:8750.3/47

Out: 0.382+/-0.027 χ^2/NDF:11356.5/53

All: 0.391+/-0.019 χ^2/NDF: 20107.0/101

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.676+/-0.058 χ^2/NDF: 13322.8/24

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -4.375+/-0.048 χ^2/NDF: 27598.3/28

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

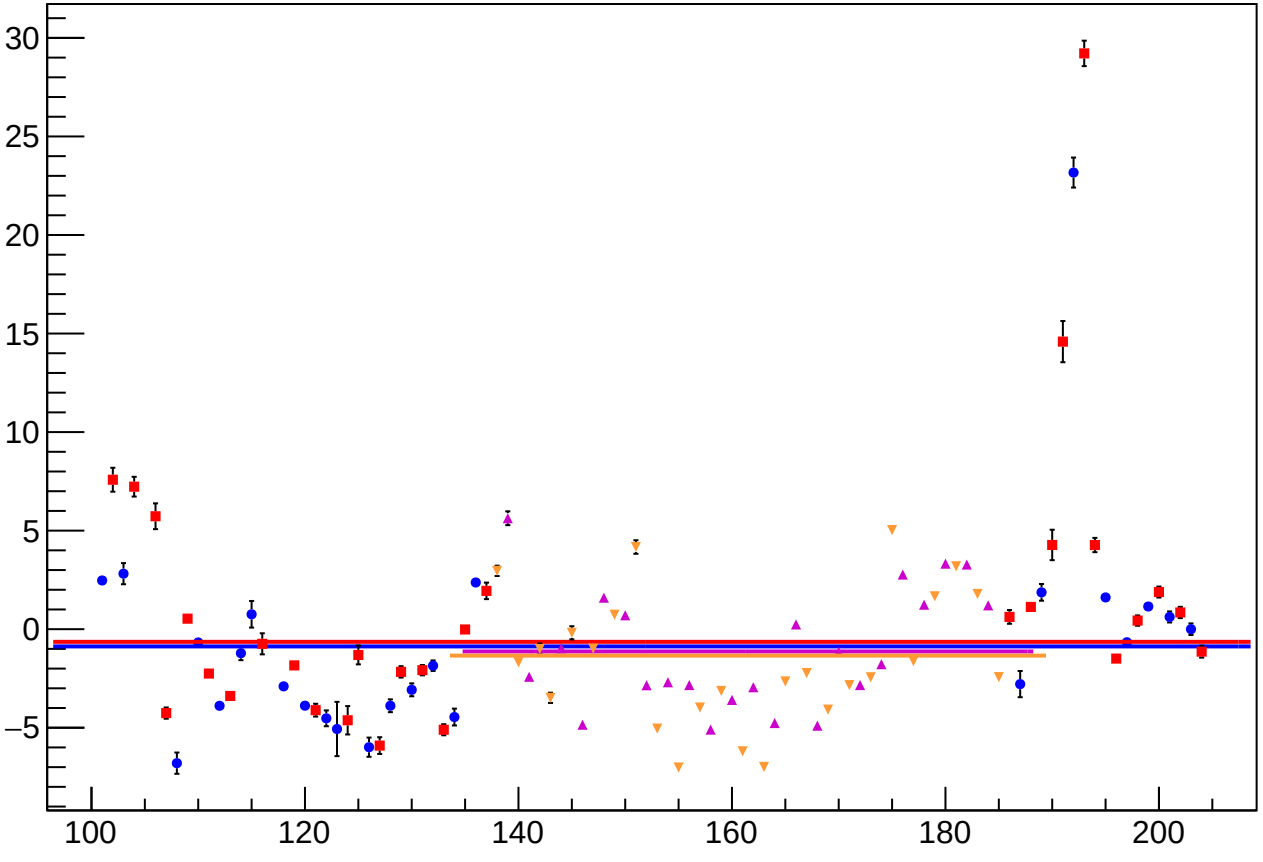
Right: -4.497+/-0.037 χ^2/NDF: 40937.1/53

In: 10.237+/-0.032 χ^2/NDF:149008.0/47

Out: 9.079+/-0.031 χ^2/NDF:239234.6/53

All: 9.633+/-0.022 χ^2/NDF: 388924.8/101

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.875+/-0.060 χ^2/NDF: 2721.9/24

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.642+/-0.055 χ^2/NDF: 4463.6/28

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

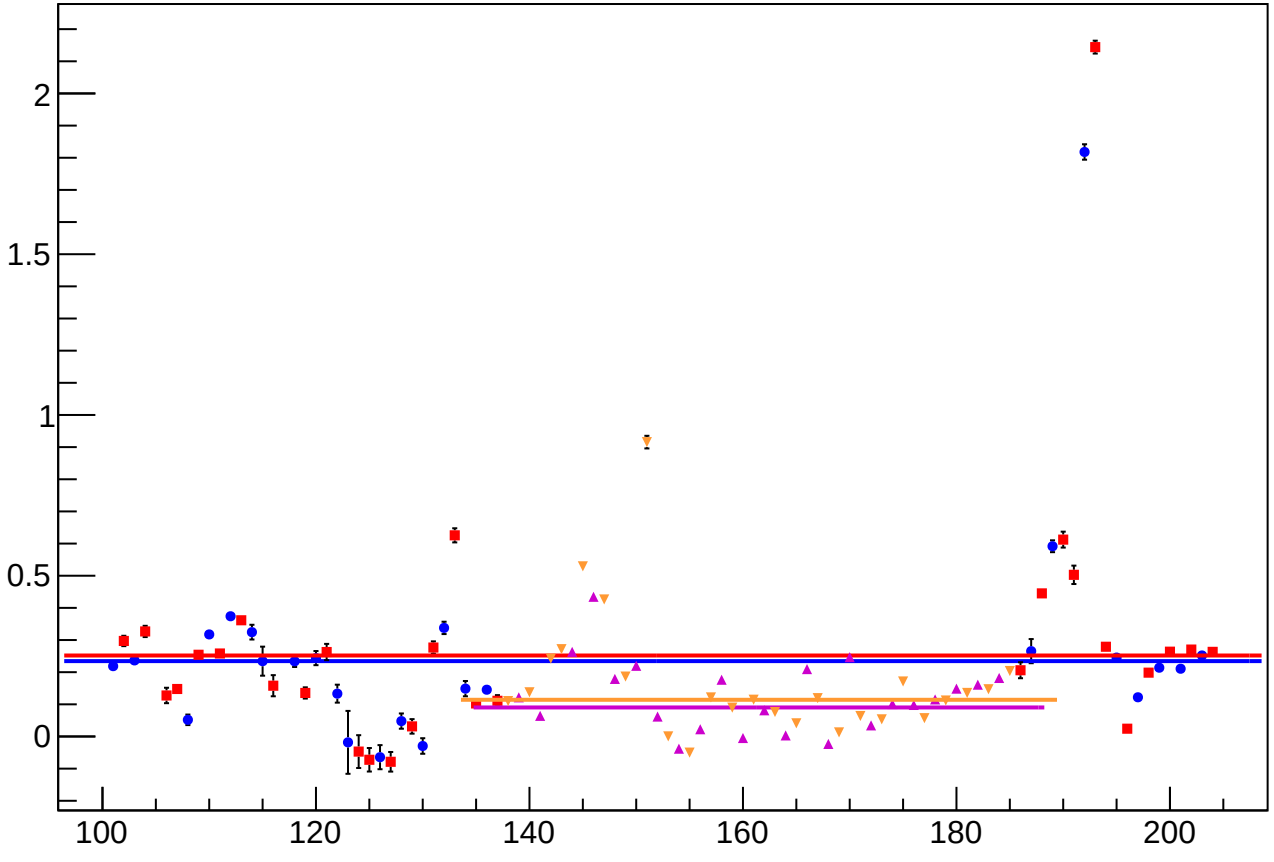
Right: -0.750+/-0.041 χ^2/NDF: 7193.8/53

In: -1.066+/-0.030 χ^2/NDF:9479.2/47

Out: -1.127+/-0.031 χ^2/NDF:12460.6/53

All: -1.096+/-0.021 χ^2/NDF: 21941.8/101

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF: 5657.9/24

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.252+/-0.002 χ^2/NDF: 11643.4/28

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

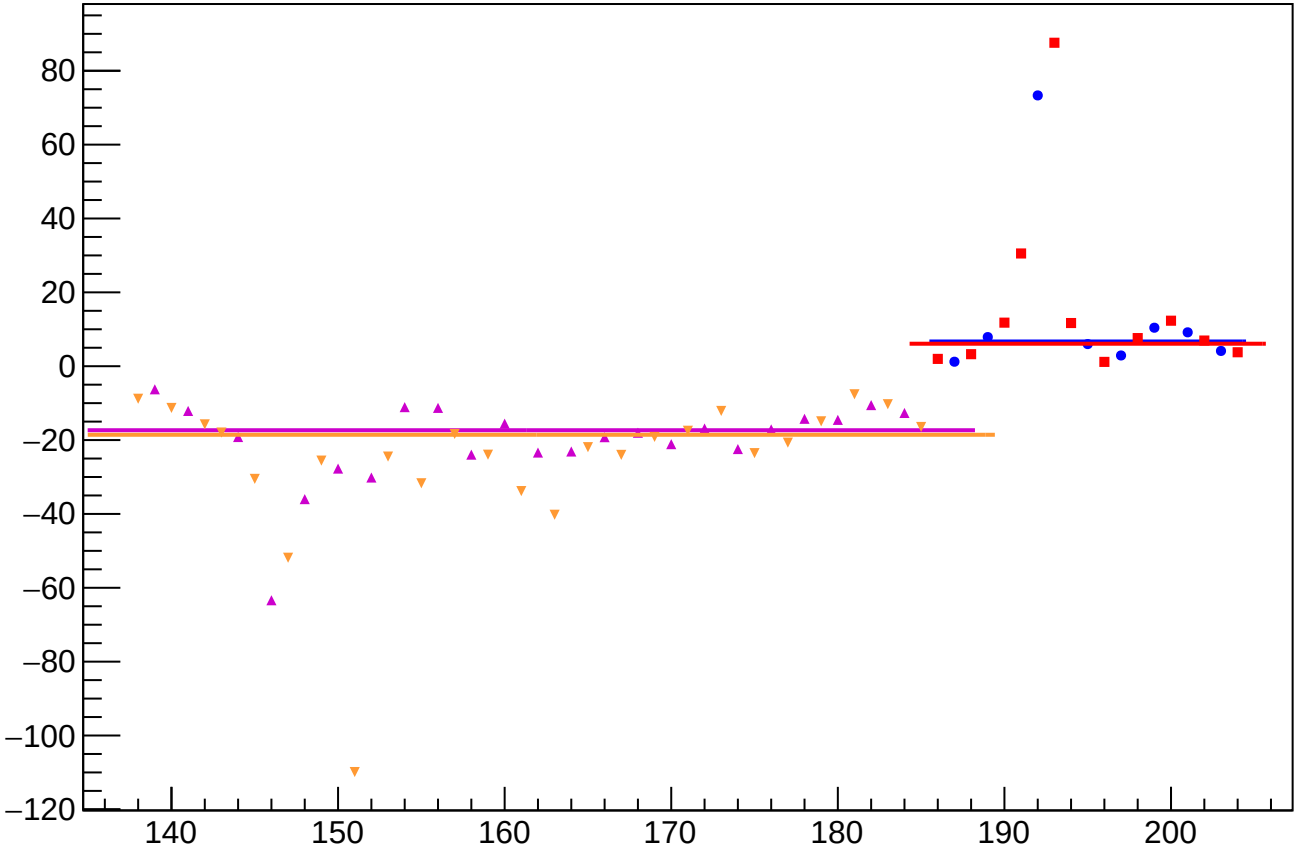
Right: 0.244+/-0.002 χ^2/NDF: 17324.3/53

In: 0.126+/-0.001 χ^2/NDF:11549.2/47

Out: 0.156+/-0.001 χ^2/NDF:18165.7/53

All: 0.141+/-0.001 χ^2/NDF: 29956.3/101

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.693+/-0.079 χ^2/NDF: 11537.0/7

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 6.089+/-0.064 χ^2/NDF: 24995.9/10

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

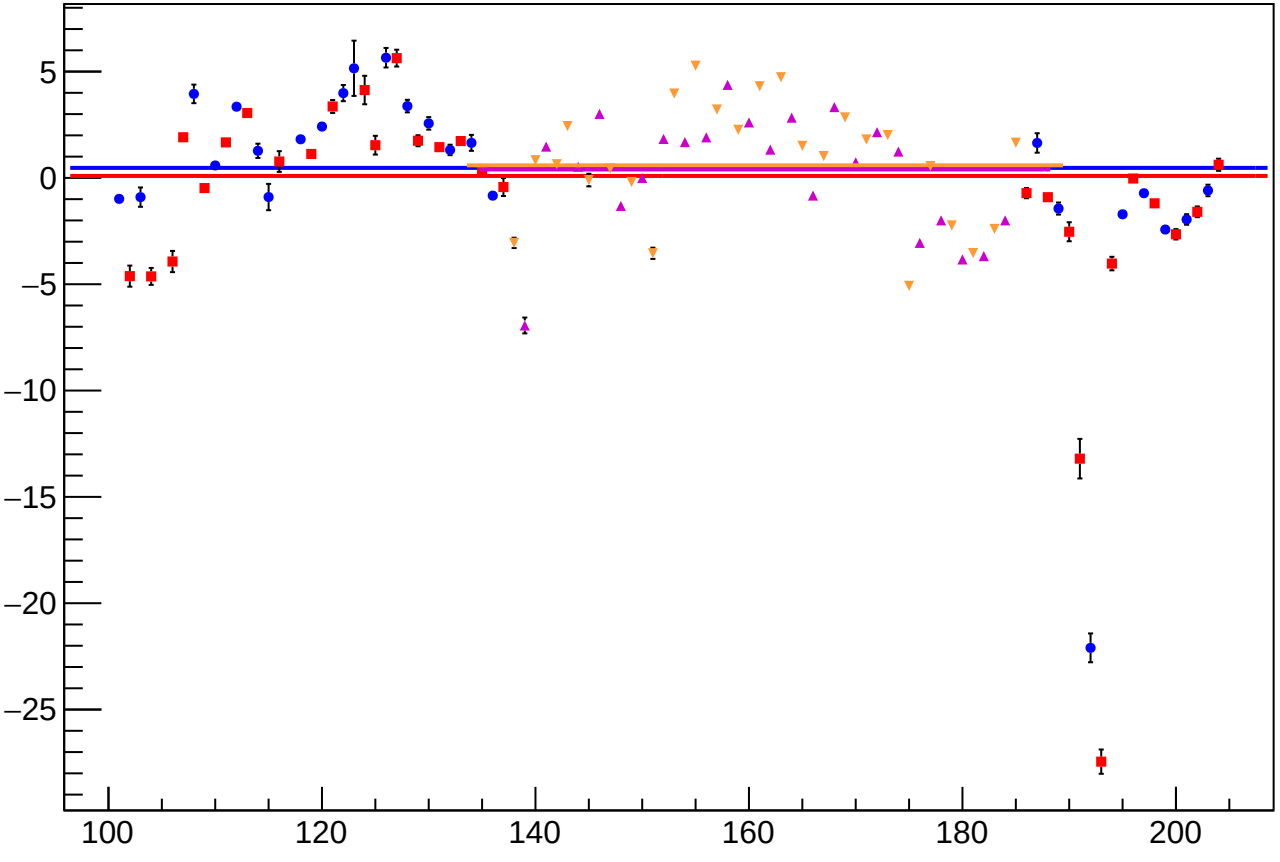
Right: 6.331+/-0.050 χ^2/NDF: 36568.3/18

In: -12.552+/-0.035 χ^2/NDF:130611.6/30

Out: -11.638+/-0.034 χ^2/NDF:217342.5/35

All: -12.082+/-0.024 χ^2/NDF: 348304.8/66

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.471+/-0.051 χ^2/NDF: 2536.1/24

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.092+/-0.048 χ^2/NDF: 4211.6/28

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

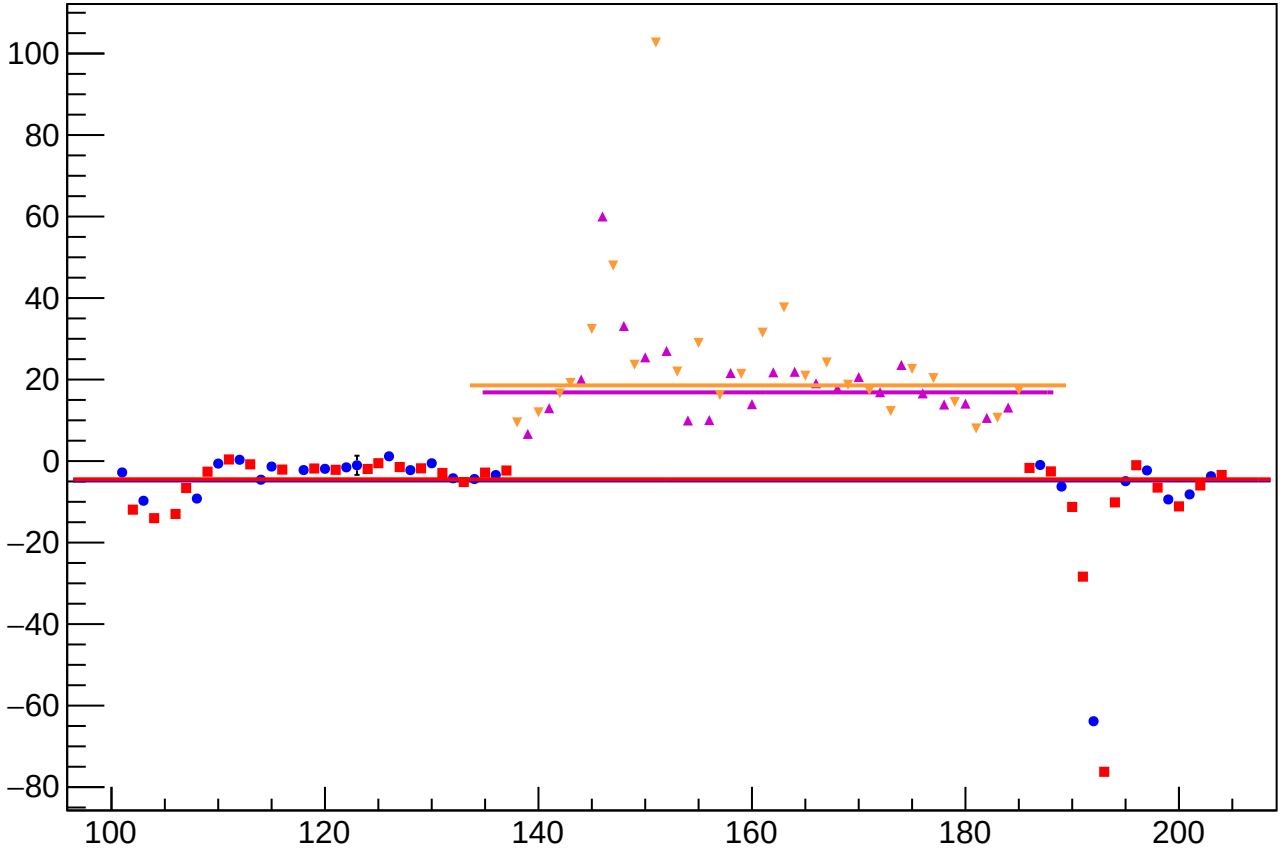
Right: 0.268+/-0.035 χ^2/NDF: 6776.8/53

In: 0.415+/-0.027 χ^2/NDF:8650.4/47

Out: 0.428+/-0.027 χ^2/NDF:11064.9/53

All: 0.422+/-0.019 χ^2/NDF: 19715.3/101

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.753+/-0.059 χ^2/NDF: 12802.4/24

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.475+/-0.049 χ^2/NDF: 26713.5/28

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

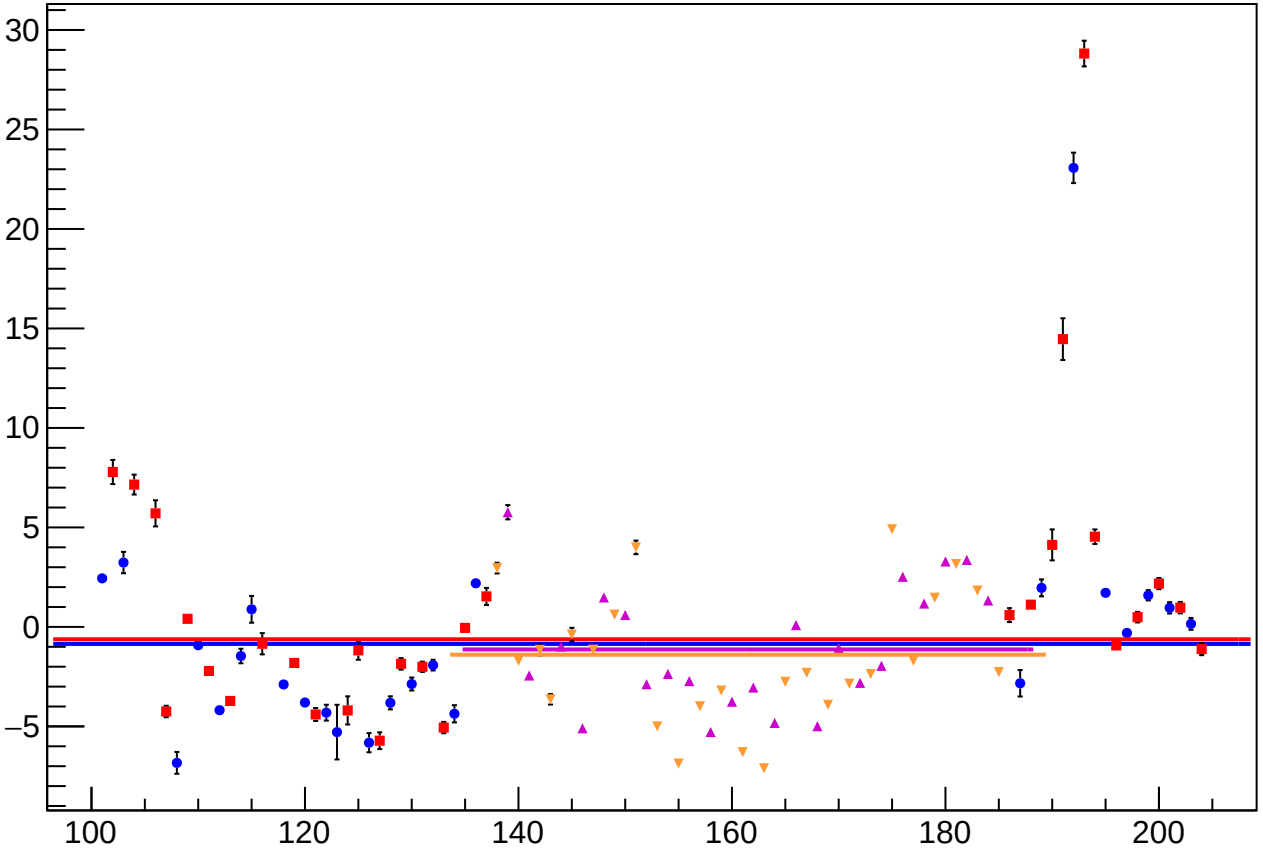
Right: -4.588+/-0.037 χ^2/NDF: 39529.2/53

In: 10.284+/-0.032 χ^2/NDF:147843.9/47

Out: 9.159+/-0.031 χ^2/NDF:236224.0/53

All: 9.697+/-0.022 χ^2/NDF: 384697.9/101

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.854+/-0.060 χ^2/NDF: 2726.2/24

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.621+/-0.056 χ^2/NDF: 4395.9/28

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

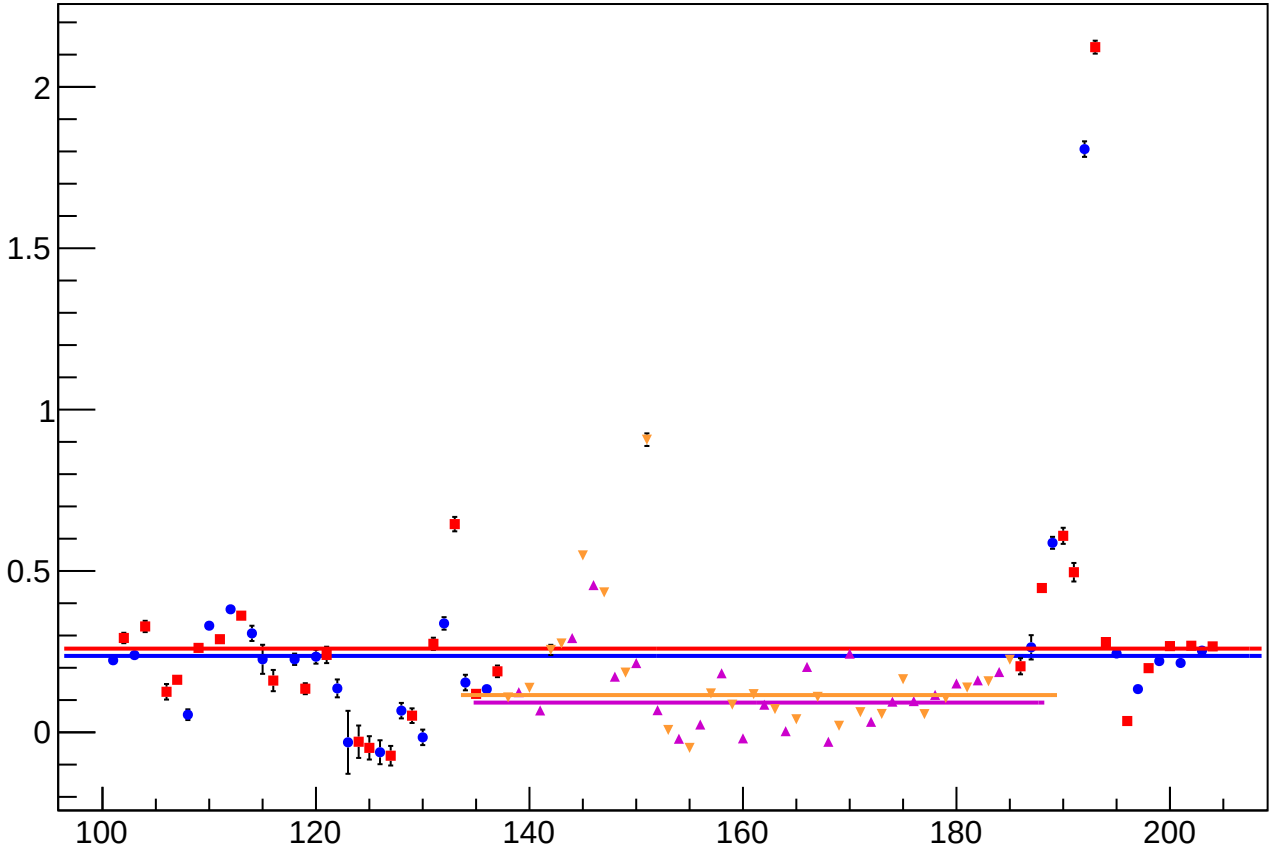
Right: -0.729+/-0.041 χ^2/NDF: 7130.1/53

In: -1.062+/-0.030 χ^2/NDF:9380.4/47

Out: -1.162+/-0.031 χ^2/NDF:12160.6/53

All: -1.111+/-0.022 χ^2/NDF: 21546.3/101

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.237+/-0.003 χ^2/NDF: 5485.0/24

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.259+/-0.003 χ^2/NDF: 11117.0/28

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.249+/-0.002 χ^2/NDF: 16639.5/53

In: 0.128+/-0.001 χ^2/NDF:11291.7/47

Out: 0.159+/-0.001 χ^2/NDF:17813.1/53

All: 0.143+/-0.001 χ^2/NDF: 29356.3/101