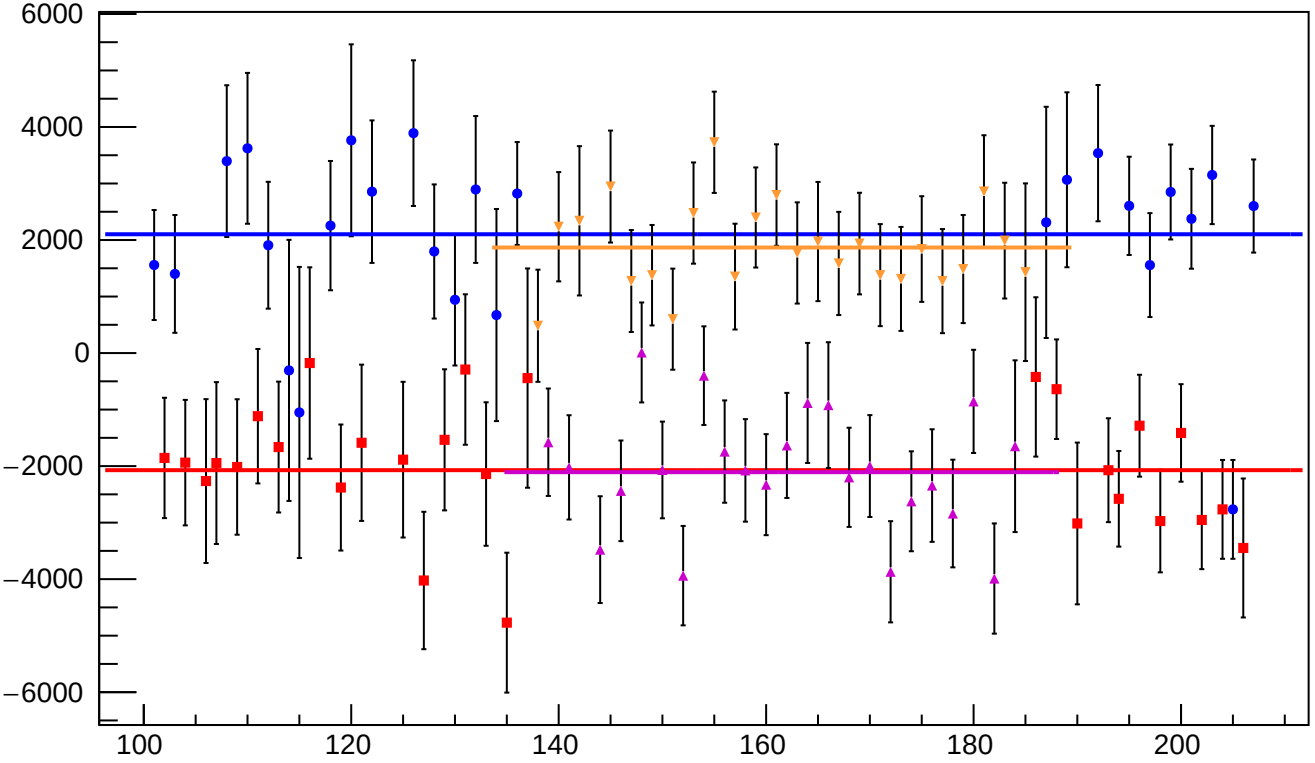
dit_asym_us_avg_mean vs Slug



Right In: 2102.151+/-219.499 χ^2/NDF: 47.7/25

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

Right Out: -2071.900+/-211.420 χ^2/NDF: 22.4/27

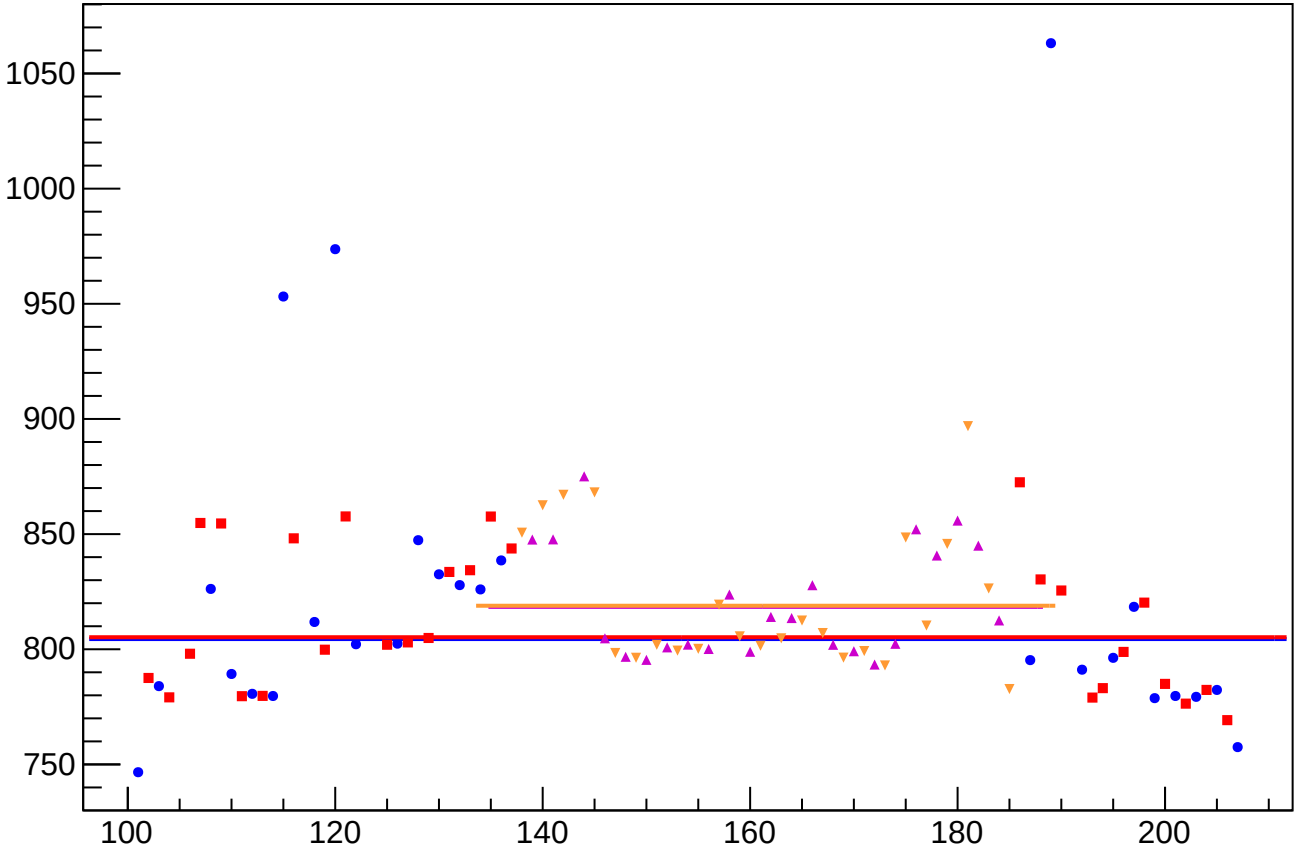
Left In: -2107.246+/-194.959 χ^2/NDF:30.0/22

+ sign 1970.893+/-145.698 χ^2/NDF: 63.4/49

All: -93.423+/-102.174 χ^2/NDF: 510.8/100

- sign -2091.002+/-143.324 χ^2/NDF: 52.4/50

dit_asym_us_avg_rms vs Slug



Right In: 804.435+/-0.155 χ^2/NDF: 113577.3/25

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

Right Out: 805.227+/-0.149 χ^2/NDF: 36564.9/27

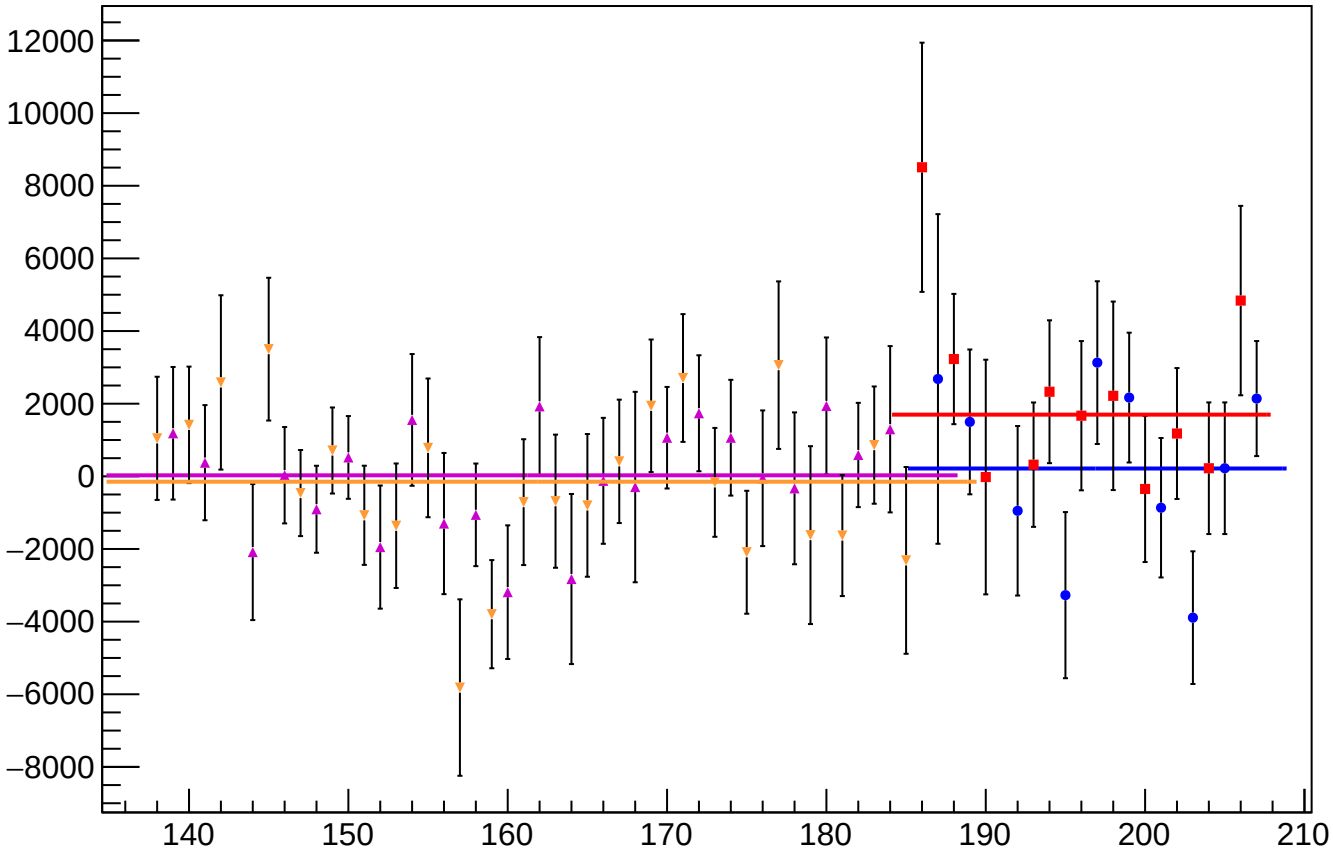
Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

+ sign 812.527+/-0.103 χ^2/NDF: 160107.0/49

All: 812.436+/-0.072 χ^2/NDF: 230778.3/100

- sign 812.348+/-0.101 χ^2/NDF: 70669.8/50

asym_us_avg_correction_mean vs Slug



Right In: 215.655+/-637.362 χ^2/NDF: 13.0/9

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

Right Out: 1698.670+/-634.579 χ^2/NDF: 9.0/10

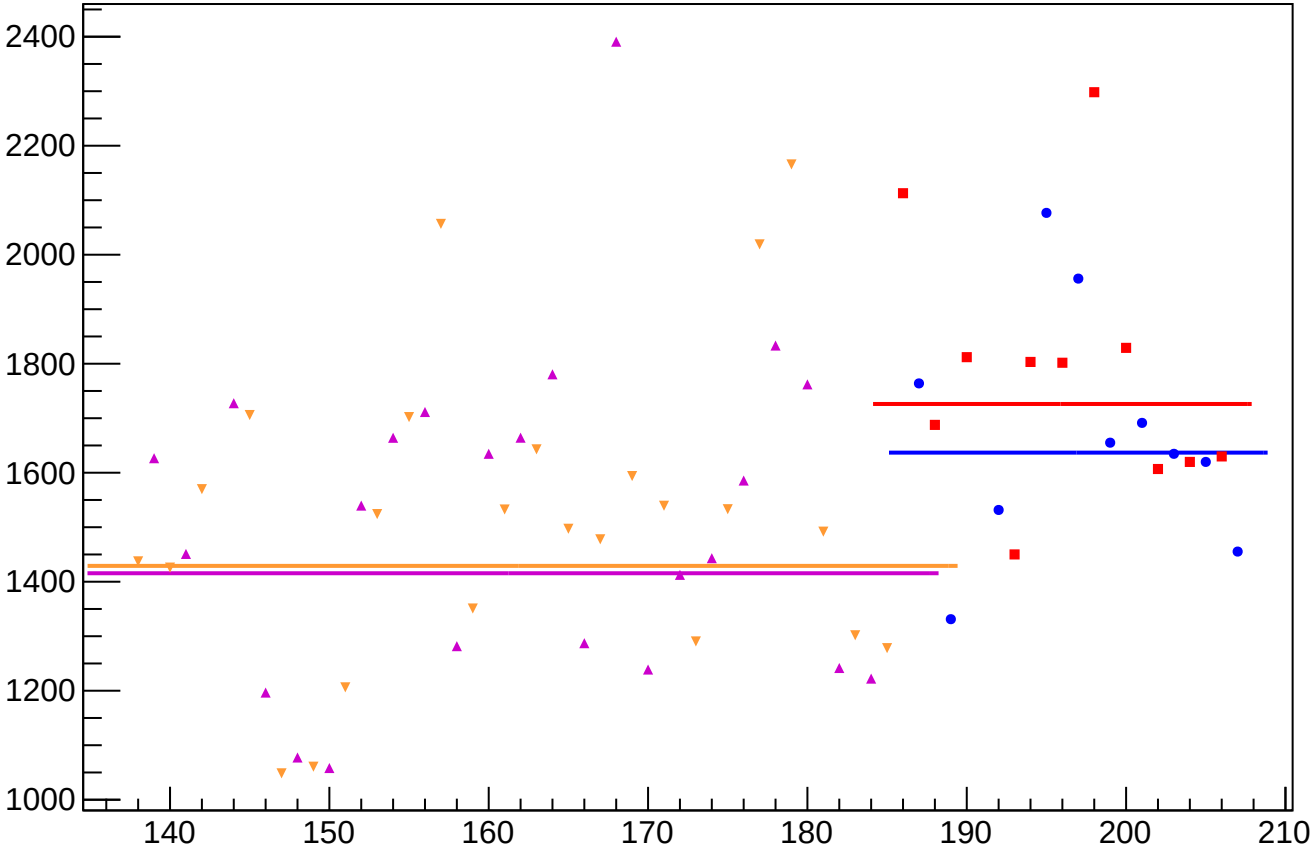
Left In: 27.722+/-344.229 χ^2/NDF:14.8/22

+ sign -64.473+/-305.269 χ^2/NDF: 42.6/33

All: 173.663+/-214.900 χ^2/NDF: 72.9/67

- sign 407.621+/-302.578 χ^2/NDF: 29.2/33

asym_us_avg_correction_rms vs Slug



Right In: 1636.869+/-0.451 χ^2/NDF: 195522.5/9

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

Right Out: 1726.130+/-0.449 χ^2/NDF: 206326.5/10

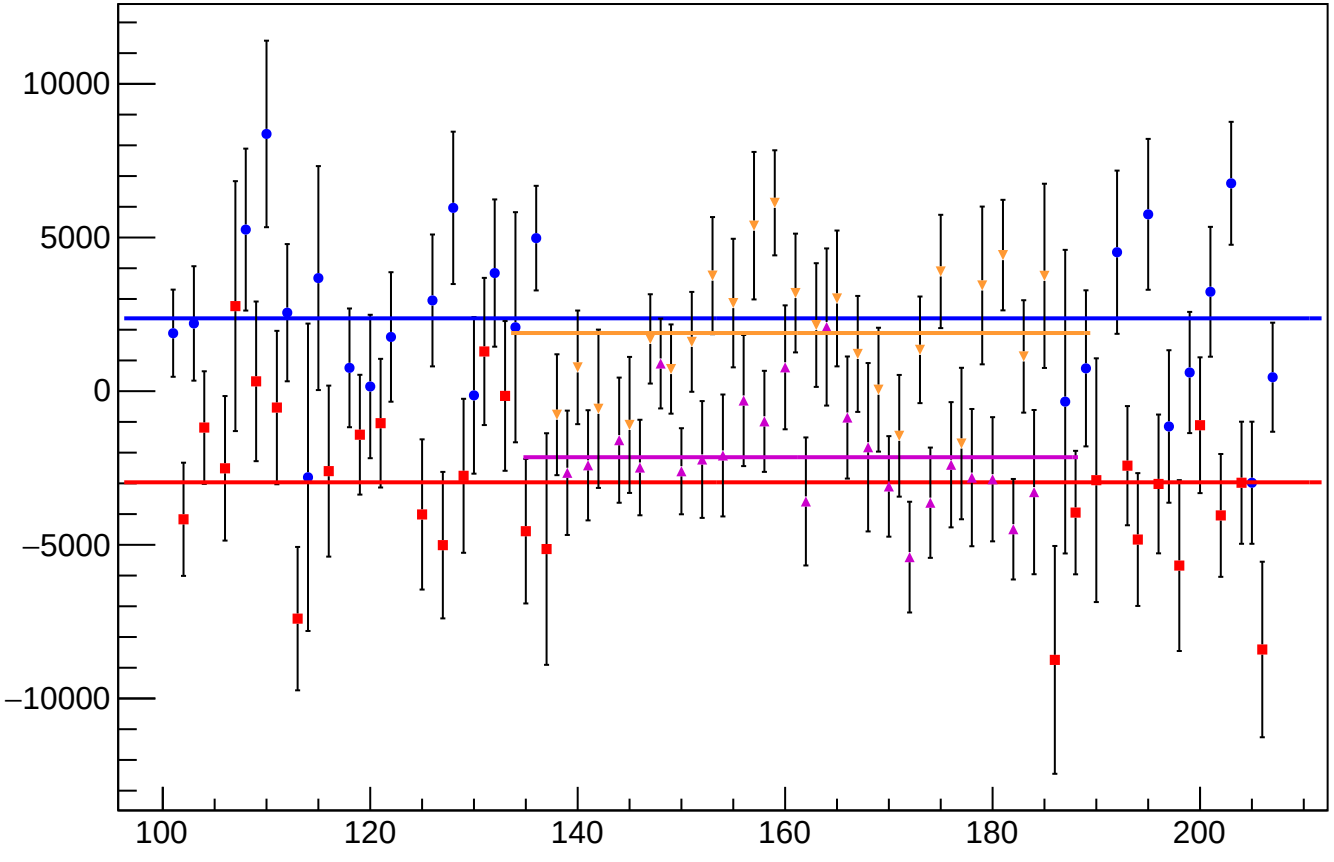
Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

+ sign 1476.735+/-0.216 χ^2/NDF: 1466303.1/33

All: 1481.492+/-0.152 χ^2/NDF: 3289341.8/67

- sign 1486.166+/-0.214 χ^2/NDF: 1822075.8/33

asym_us_avg_mean vs Slug



Right In: 2370.365+/-441.780 χ^2/NDF: 33.5/25

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

Right Out: -2965.684+/-444.357 χ^2/NDF: 26.3/27

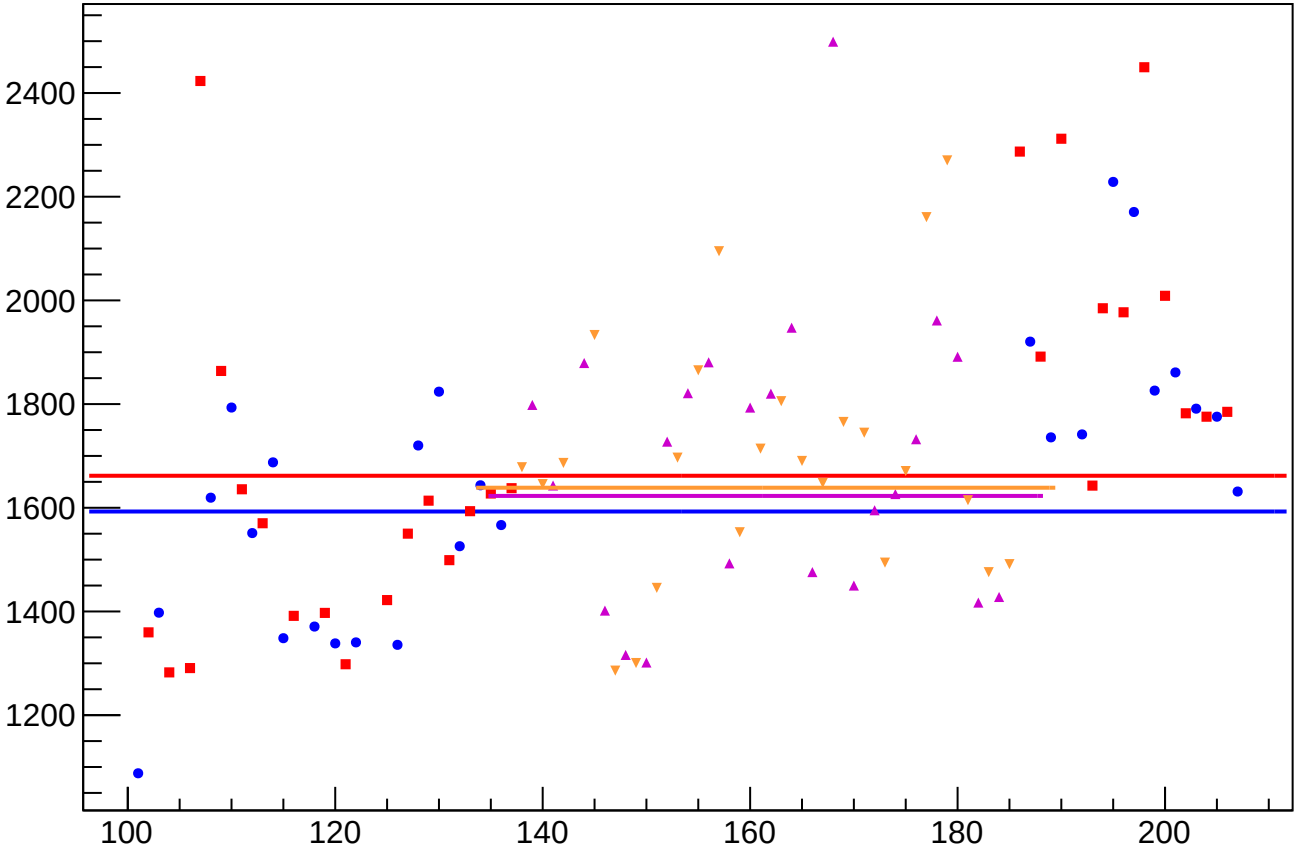
Left In: -2148.867+/-391.716 χ^2/NDF:18.4/22

+ sign 2104.686+/-294.378 χ^2/NDF: 60.1/49

All: -204.880+/-207.967 χ^2/NDF: 229.6/100

- sign -2506.049+/-293.843 χ^2/NDF: 46.7/50

asym_us_avg_rms vs Slug



Right In: 1592.796+/-0.312 χ^2/NDF: 788252.9/25

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

Right Out: 1661.759+/-0.314 χ^2/NDF: 874762.6/27

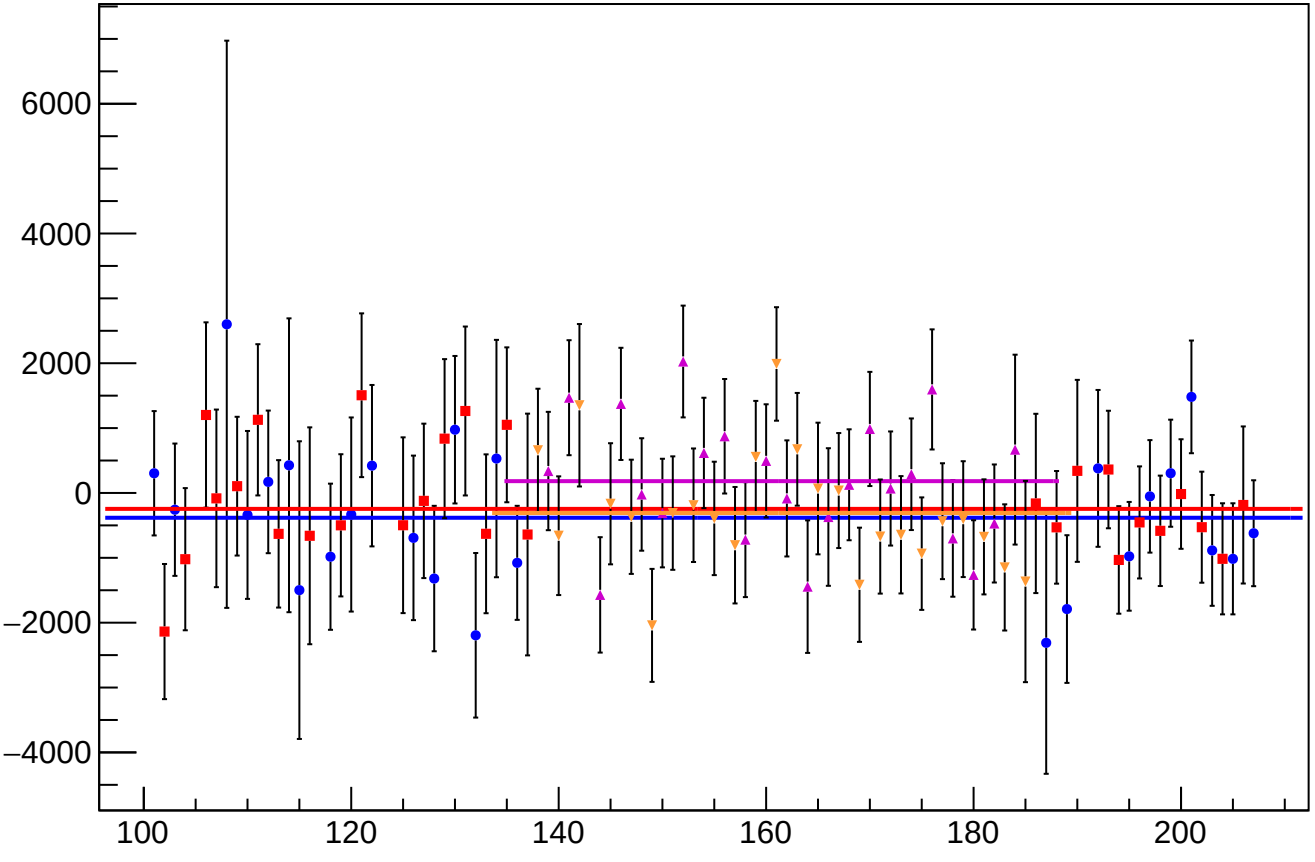
Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

+ sign 1618.306+/-0.208 χ^2/NDF: 1472230.7/49

All: 1629.112+/-0.147 χ^2/NDF: 3141513.2/10

- sign 1639.879+/-0.208 χ^2/NDF: 1663902.2/50

dit_asym_us_dd_mean vs Slug



Right In: -382.413+/-214.786 χ^2/NDF: 17.2/25

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

Right Out: -245.445+/-205.390 χ^2/NDF: 14.8/27

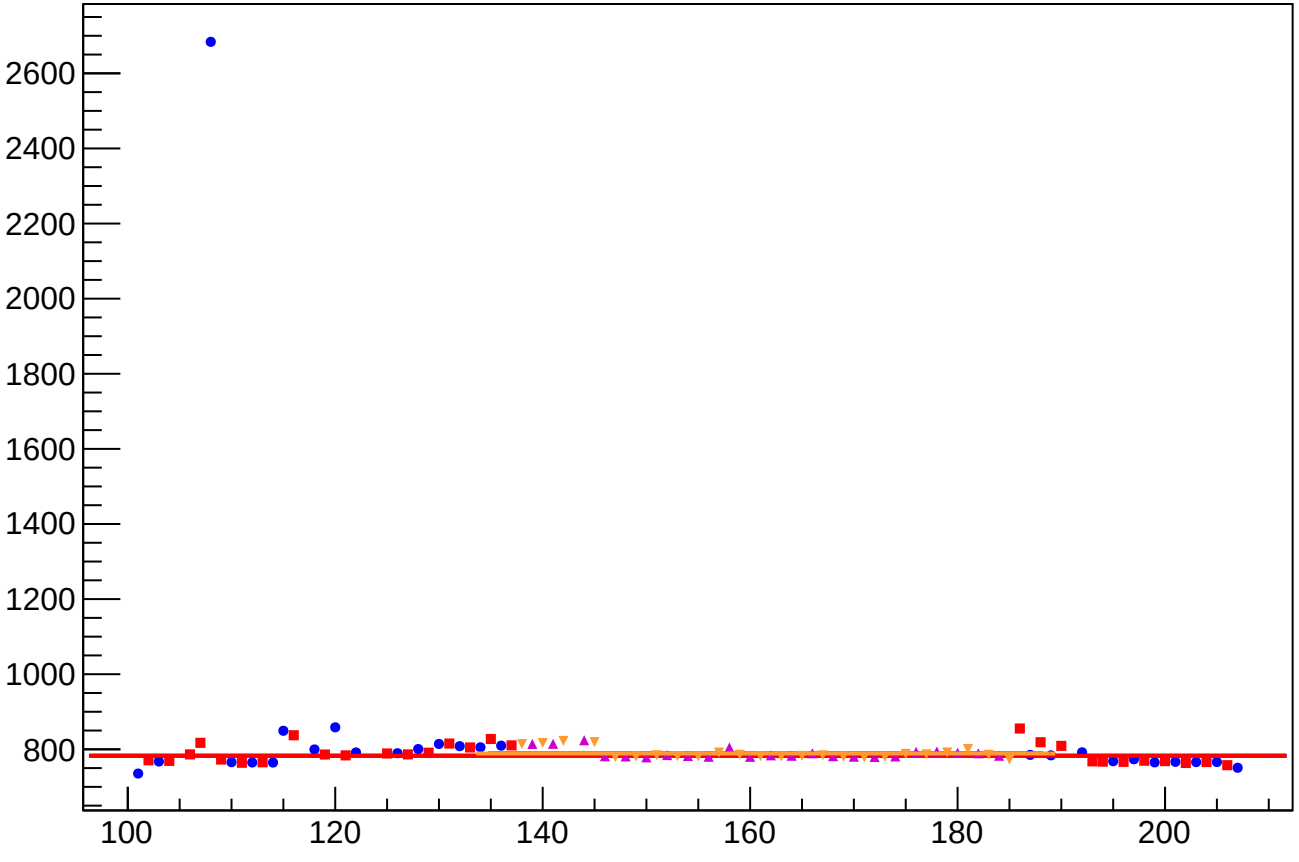
Left In: 181.983+/-187.935 χ^2/NDF:25.6/22

+ sign -340.637+/-141.228 χ^2/NDF: 37.8/49

All: -173.700+/-98.940 χ^2/NDF: 83.3/100

- sign -12.799+/-138.651 χ^2/NDF: 42.8/50

dit_asym_us_dd_rms vs Slug



Right In: 783.004+/-0.152 χ^2/NDF: 404037.6/25

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

Right Out: 782.890+/-0.145 χ^2/NDF: 25752.3/27

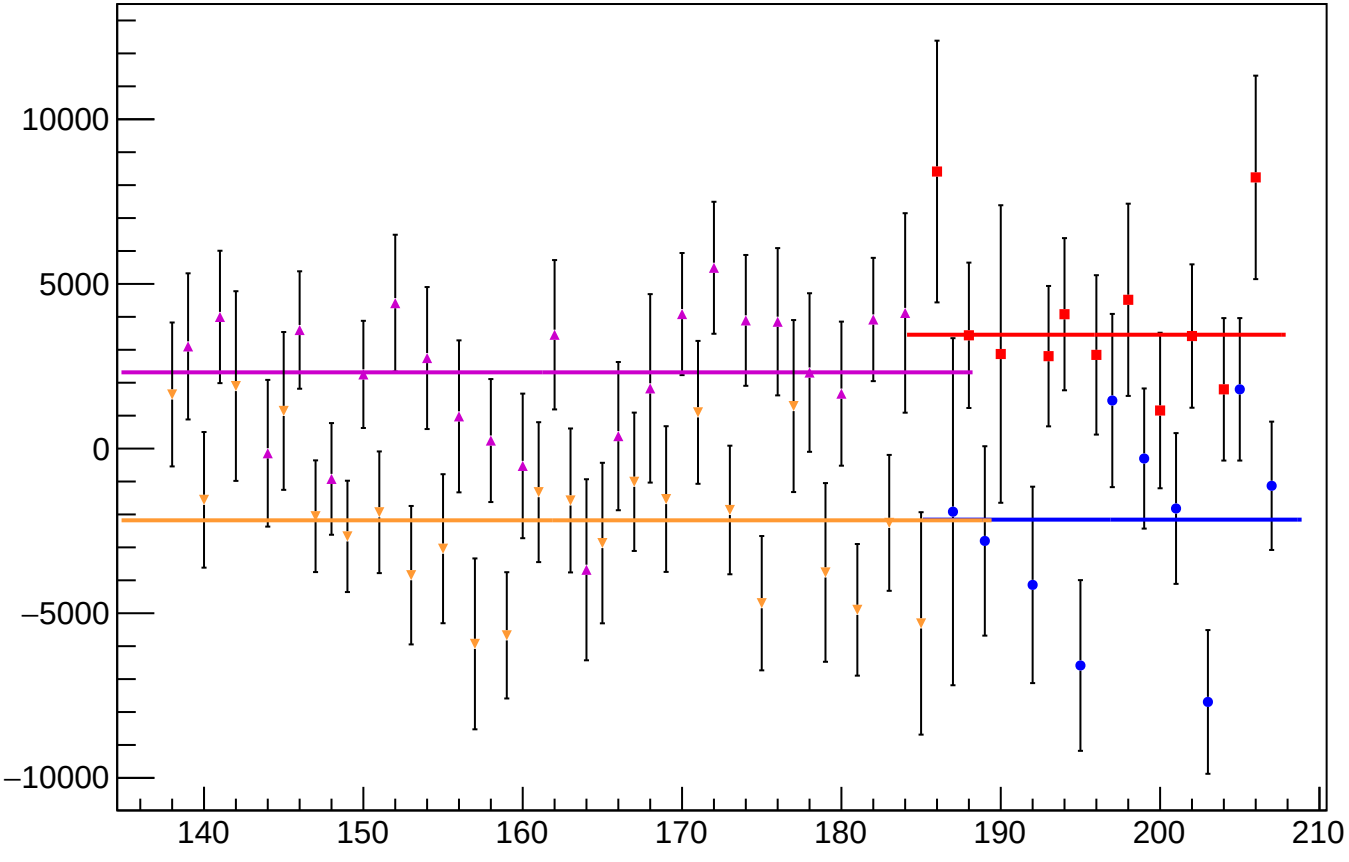
Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

+ sign 786.343+/-0.100 χ^2/NDF: 414231.1/49

All: 786.391+/-0.070 χ^2/NDF: 450298.7/100

- sign 786.437+/-0.098 χ^2/NDF: 36067.2/50

asym_us_dd_correction_mean vs Slug



Right In: -2157.681+/-775.781 χ^2/NDF: 16.1/9

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

Right Out: 3457.389+/-762.060 χ^2/NDF: 5.9/10

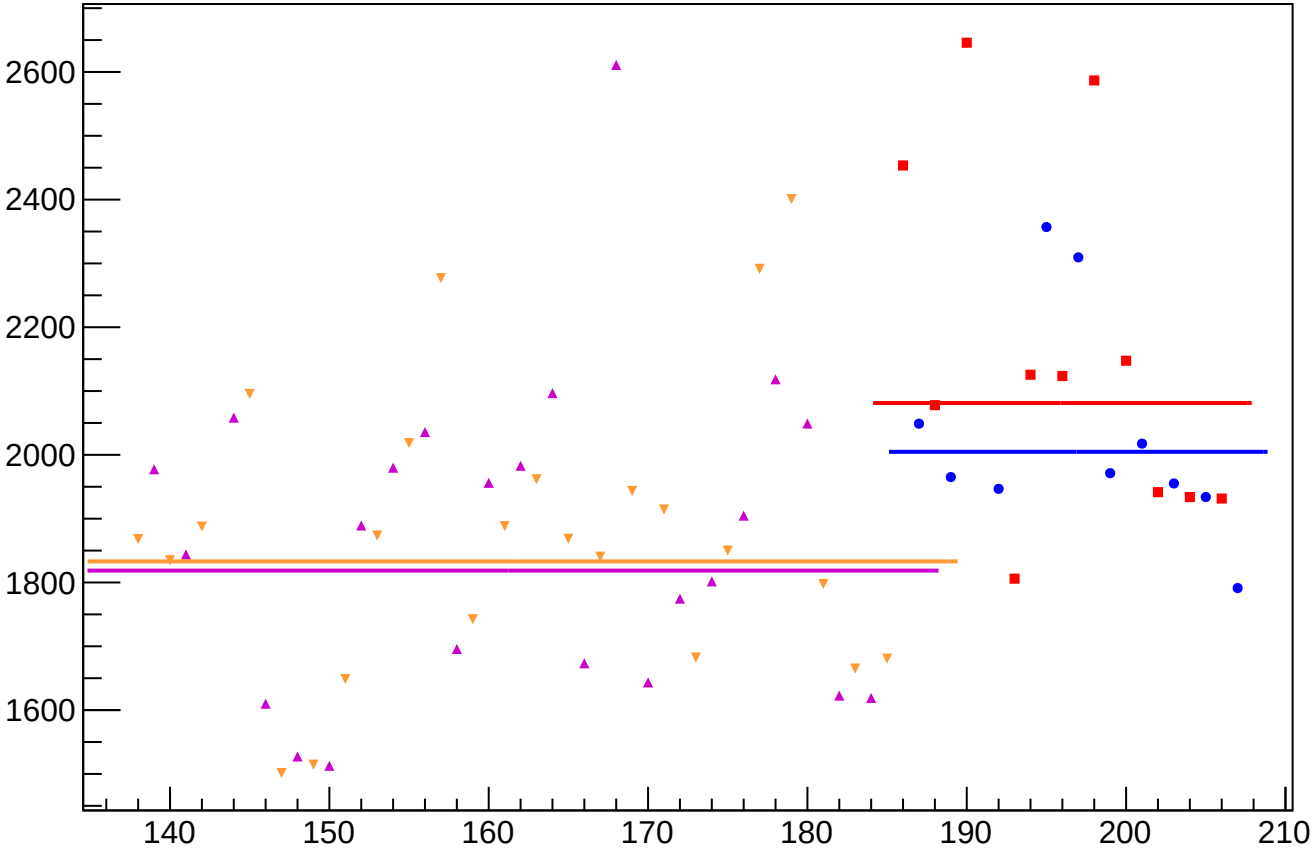
Left In: 2315.169+/-437.003 χ^2/NDF:22.0/22

+ sign -2173.414+/-382.504 χ^2/NDF: 38.9/33

All: 233.569+/-269.258 χ^2/NDF: 146.9/67

- sign 2597.831+/-379.094 χ^2/NDF: 29.5/33

asym_us_dd_correction_rms vs Slug



Right In: 2004.771+/-0.549 χ^2/NDF: 92814.4/9

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

Right Out: 2081.297+/-0.539 χ^2/NDF: 167272.8/10

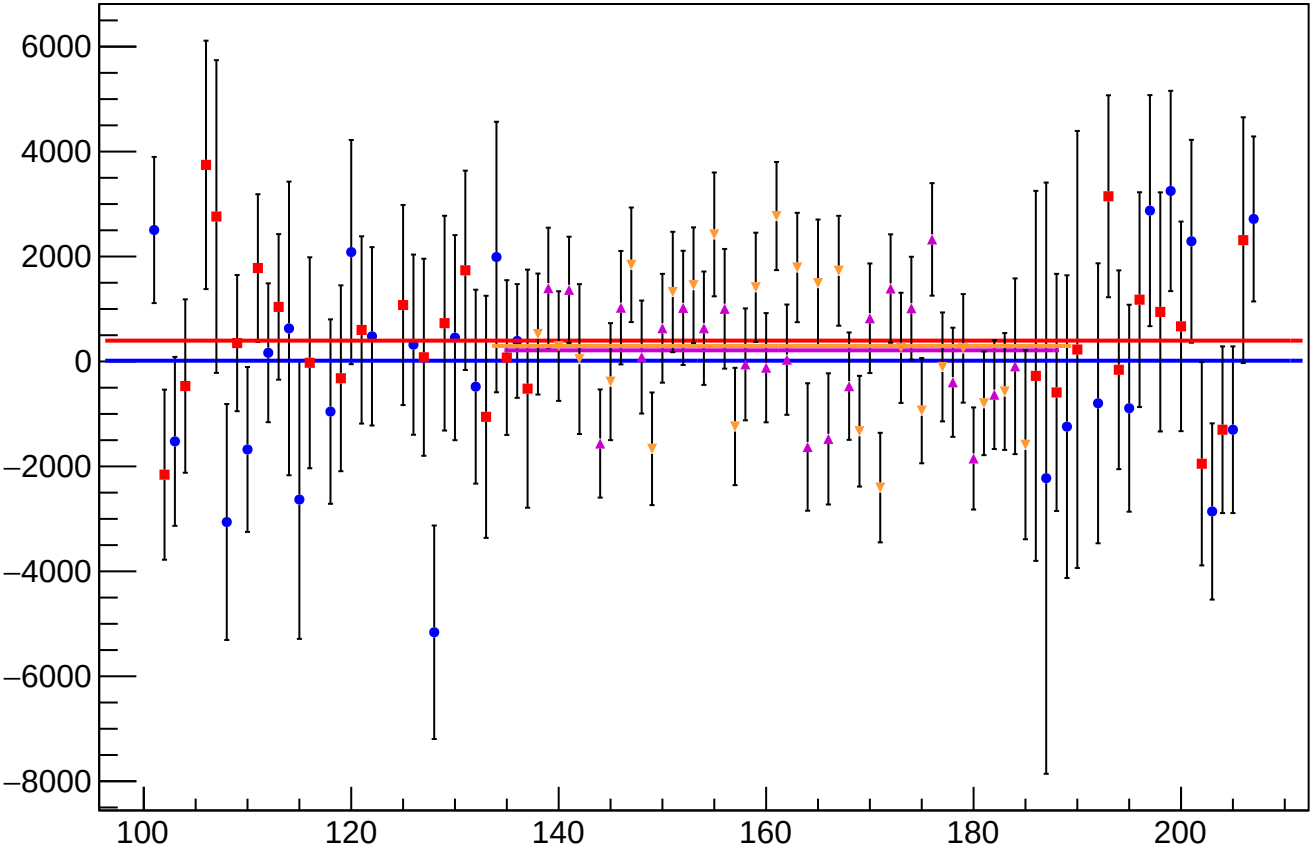
Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

+ sign 1874.779+/-0.270 χ^2/NDF: 632471.7/33

All: 1879.231+/-0.190 χ^2/NDF: 1515965.4/67

- sign 1883.604+/-0.268 χ^2/NDF: 882956.7/33

asym_us_dd_mean vs Slug



Right In: 14.471+/-357.501 χ^2/NDF: 30.0/25

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

Right Out: 397.105+/-356.619 χ^2/NDF: 13.9/27

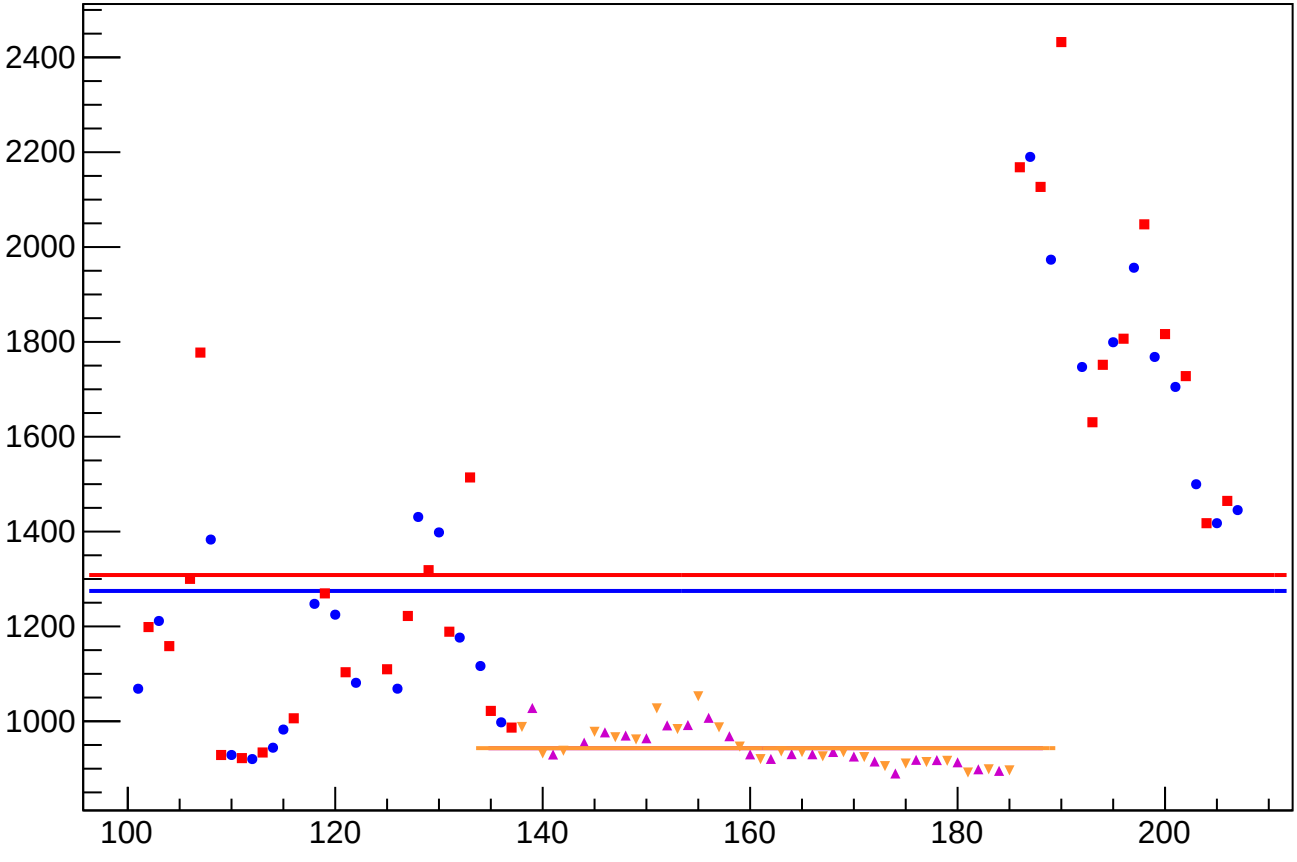
Left In: 212.080+/-224.701 χ^2/NDF:23.7/22

+ sign 215.490+/-190.027 χ^2/NDF: 68.8/49

All: 240.065+/-134.399 χ^2/NDF: 106.7/100

- sign 264.662+/-190.110 χ^2/NDF: 37.9/50

asym_us_dd_rms vs Slug



Right In: 1274.794+/-0.253 χ^2/NDF: 1438512.9/25

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

Right Out: 1308.375+/-0.252 χ^2/NDF: 2043762.0/27

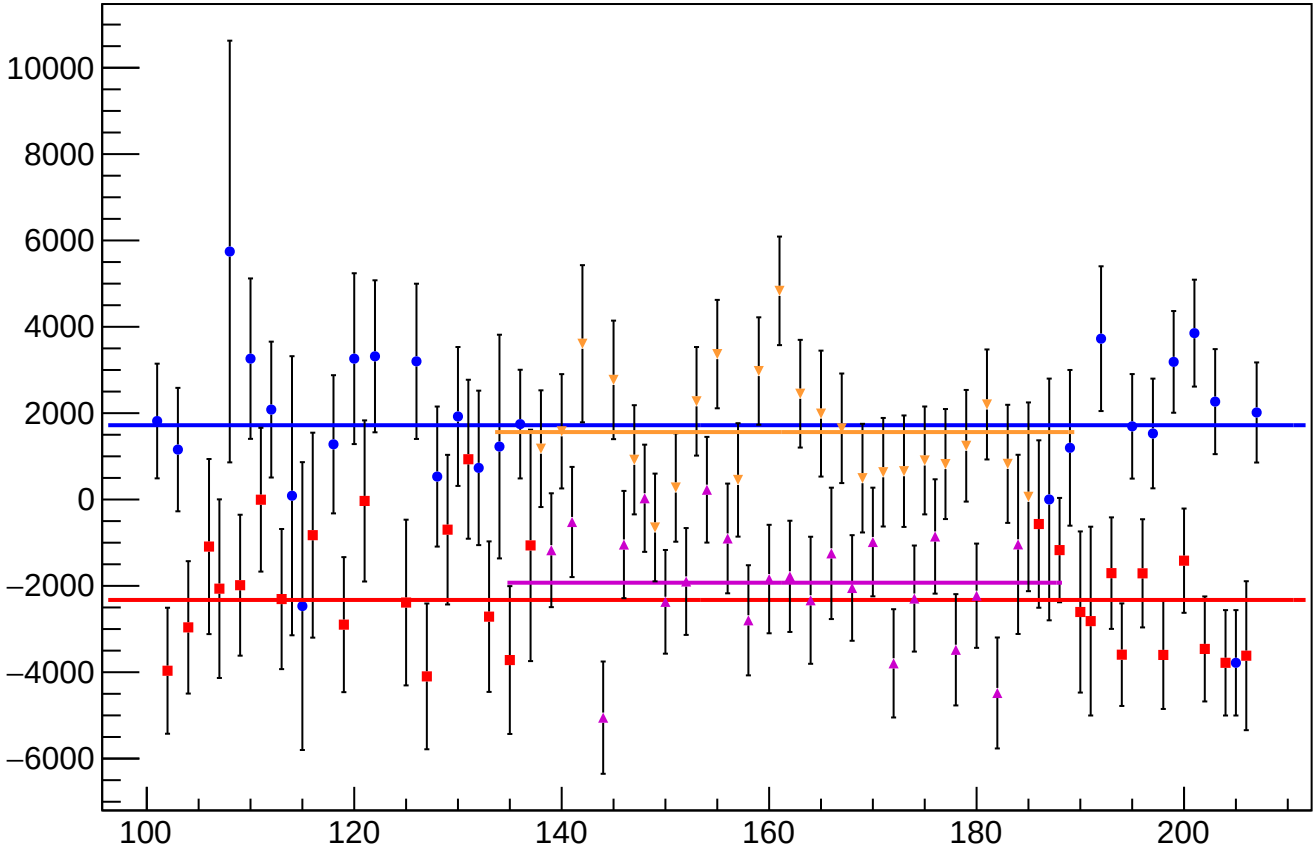
Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

+ sign 1036.979+/-0.134 χ^2/NDF: 2732463.8/49

All: 1041.953+/-0.095 χ^2/NDF: 6330588.3/10

- sign 1046.932+/-0.134 χ^2/NDF: 3595382.3/50

dit_asym_usl_mean vs Slug



Right In: 1720.960+/-306.099 χ^2/NDF: 33.5/25

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

Right Out: -2326.155+/-290.834 χ^2/NDF: 19.8/28

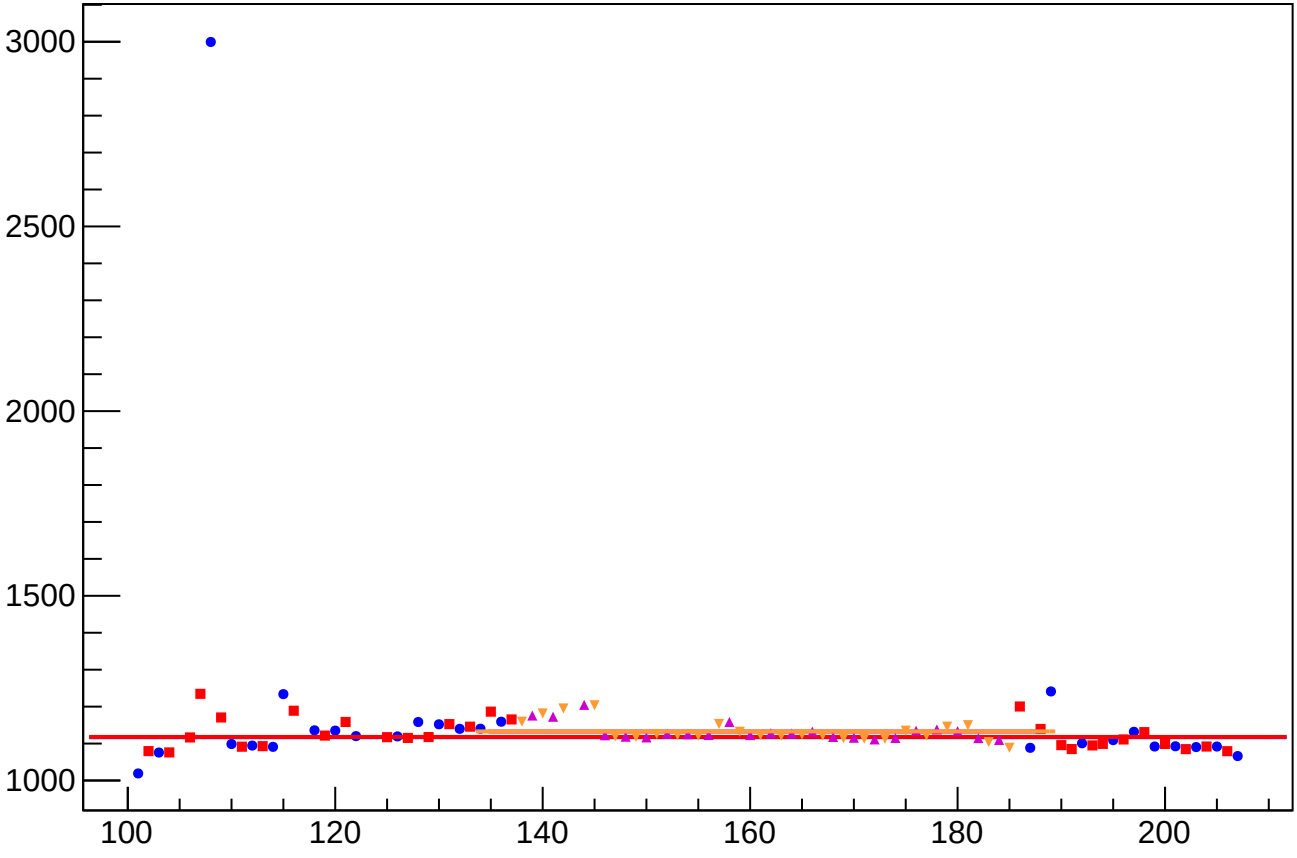
Left In: -1926.929+/-269.667 χ^2/NDF:24.1/22

+ sign 1631.398+/-202.177 χ^2/NDF: 55.4/49

All: -281.536+/-141.367 χ^2/NDF: 275.5/101

- sign -2111.487+/-197.744 χ^2/NDF: 44.9/51

dit_asym_usl_rms vs Slug



Right In: 1117.316+/-0.216 χ^2/NDF: 335882.1/25

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

Right Out: 1117.960+/-0.206 χ^2/NDF: 30373.2/28

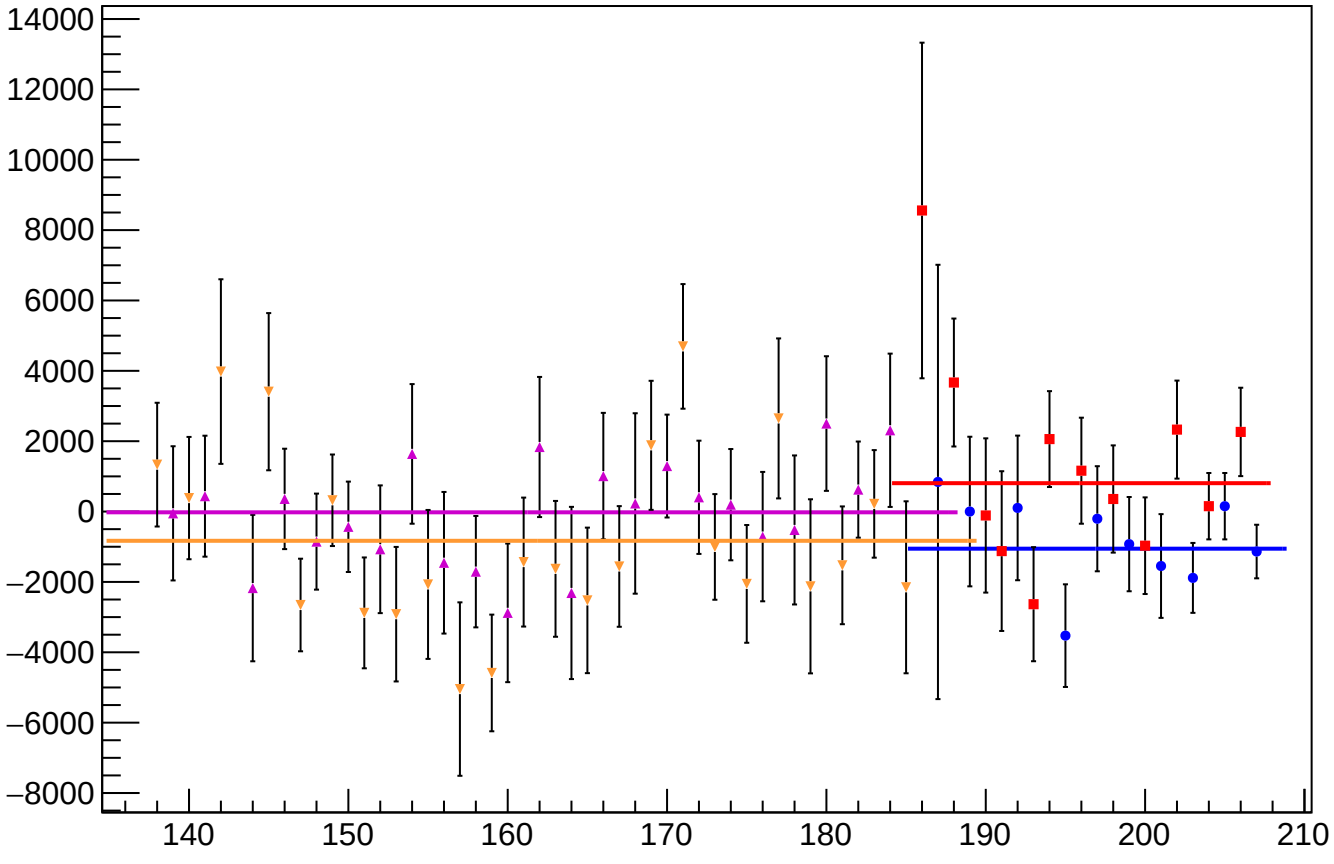
Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

+ sign 1126.091+/-0.143 χ^2/NDF: 355584.8/49

All: 1125.951+/-0.100 χ^2/NDF: 403198.7/101

- sign 1125.816+/-0.140 χ^2/NDF: 47612.0/51

asym_usl_correction_mean vs Slug



Right In: -1055.141+/-399.038 χ^2/NDF: 6.3/9

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

Right Out: 806.859+/-432.693 χ^2/NDF: 16.2/11

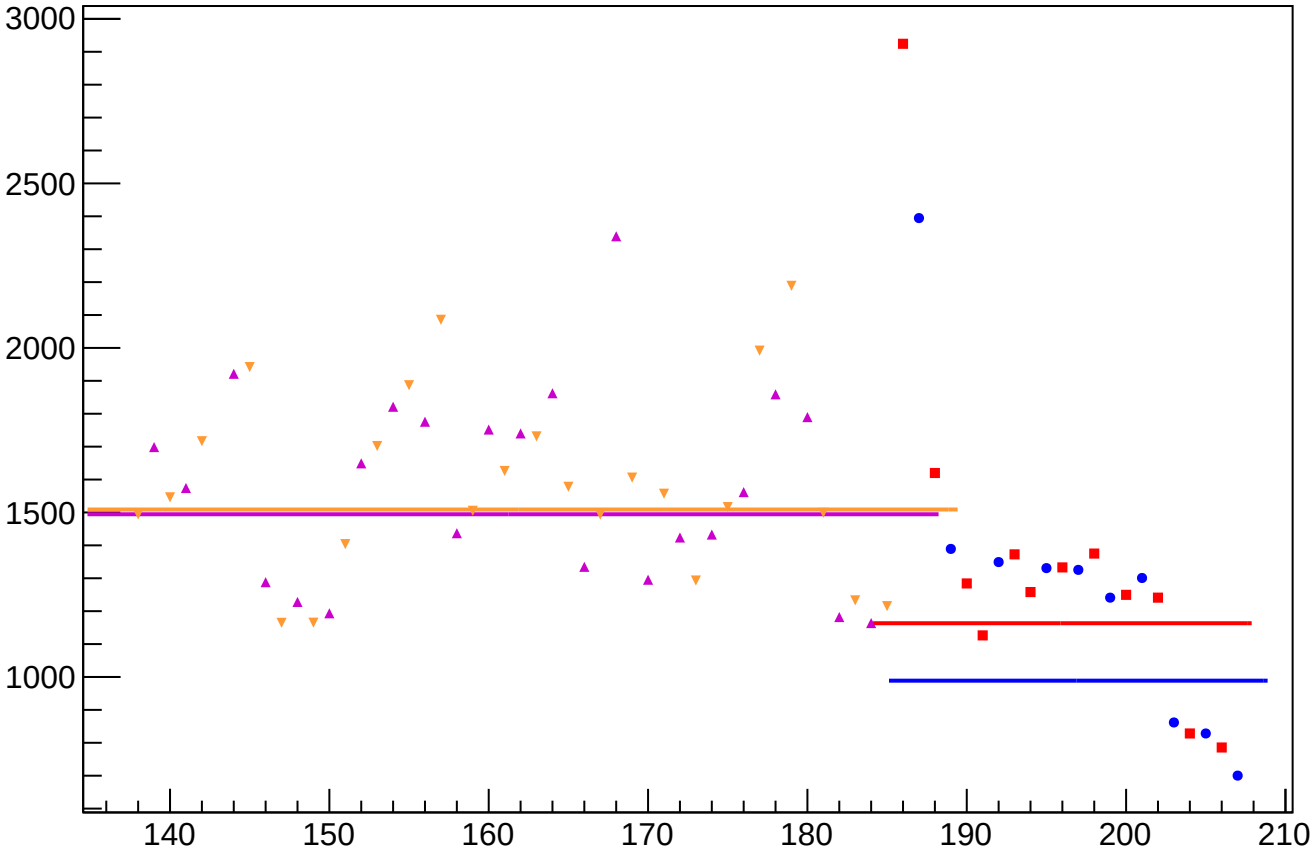
Left In: -21.419+/-362.476 χ^2/NDF:12.8/22

+ sign -933.396+/-269.760 χ^2/NDF: 46.6/33

All: -325.164+/-193.550 χ^2/NDF: 88.2/68

- sign 320.145+/-277.861 χ^2/NDF: 31.1/34

asym_usl_correction_rms vs Slug



Right In: 988.794+/-0.282 χ^2/NDF: 986003.5/9

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

Right Out: 1163.367+/-0.306 χ^2/NDF: 959351.1/11

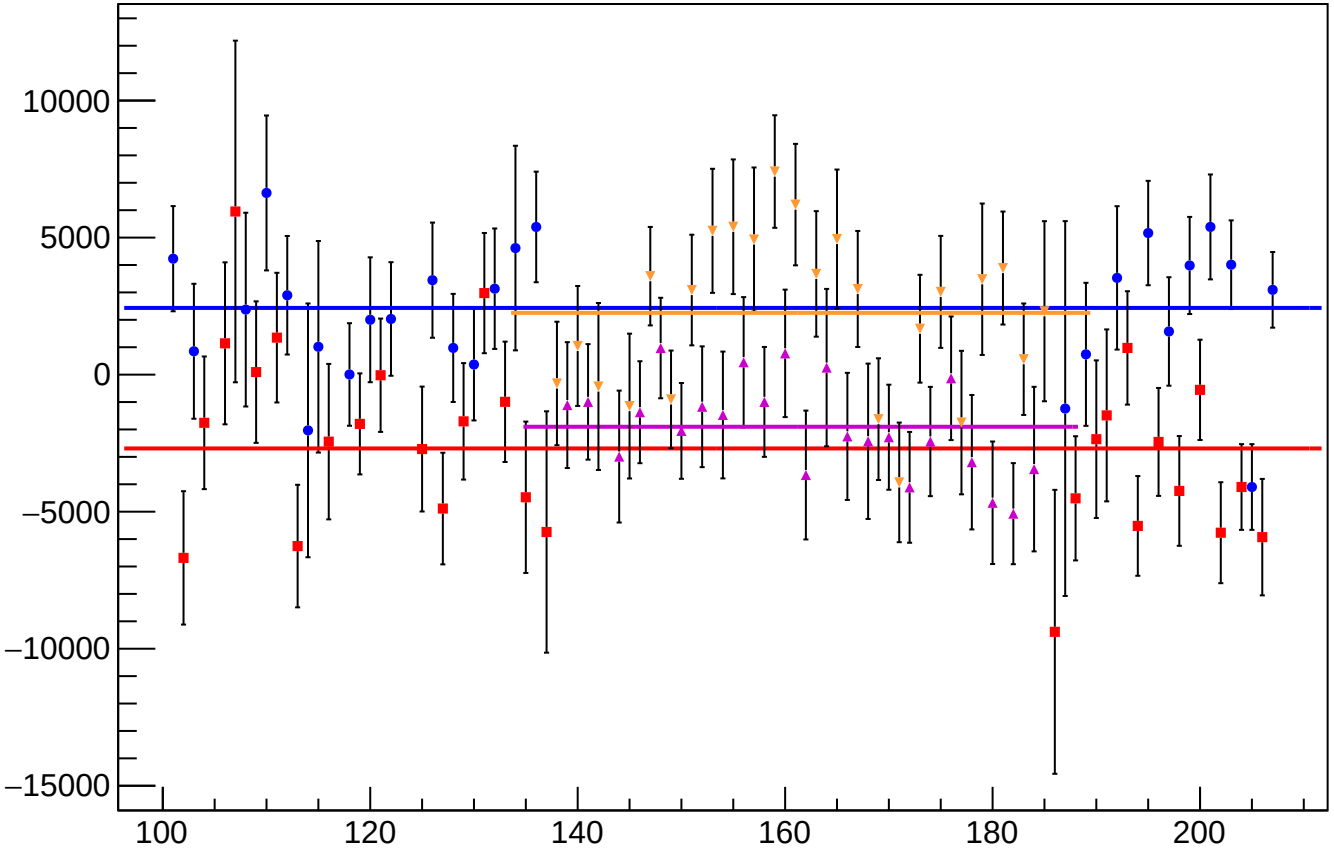
Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

+ sign 1271.255+/-0.191 χ^2/NDF: 3820244.9/33

All: 1313.321+/-0.137 χ^2/NDF: 6664430.0/68

- sign 1357.952+/-0.196 χ^2/NDF: 2743952.6/34

asym_usl_mean vs Slug



Right In: 2434.425+/-419.524 χ^2/NDF: 35.7/25

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

Right Out: -2693.085+/-421.217 χ^2/NDF: 40.5/28

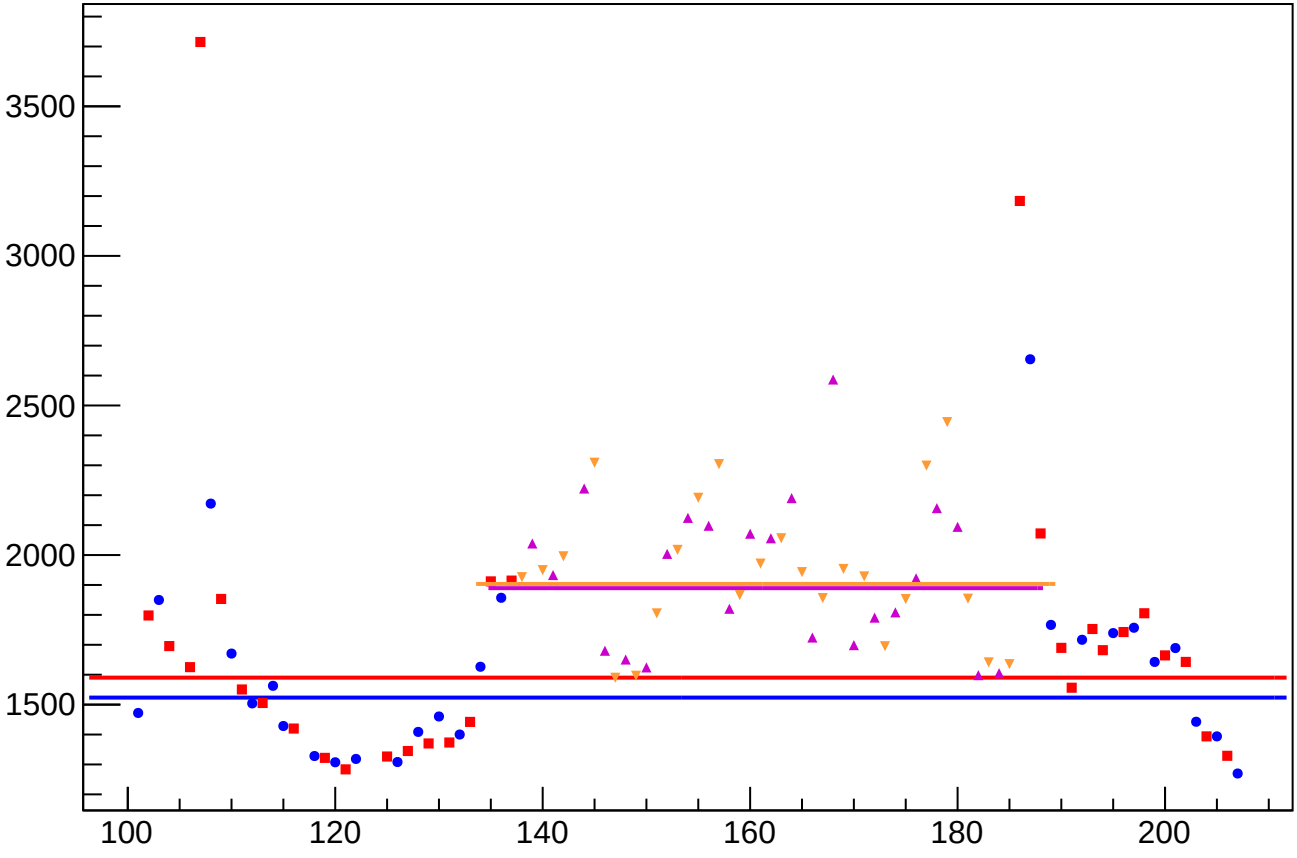
Left In: -1901.797+/-453.879 χ^2/NDF:13.9/22

+ sign 2351.783+/-308.860 χ^2/NDF: 74.4/49

All: 11.568+/-218.357 χ^2/NDF: 245.2/101

- sign -2326.934+/-308.747 χ^2/NDF: 56.0/51

asym_usl_rms vs Slug



Right In: 1523.517+/-0.297 χ^2/NDF: 509262.0/25

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

Right Out: 1590.235+/-0.298 χ^2/NDF: 914421.0/28

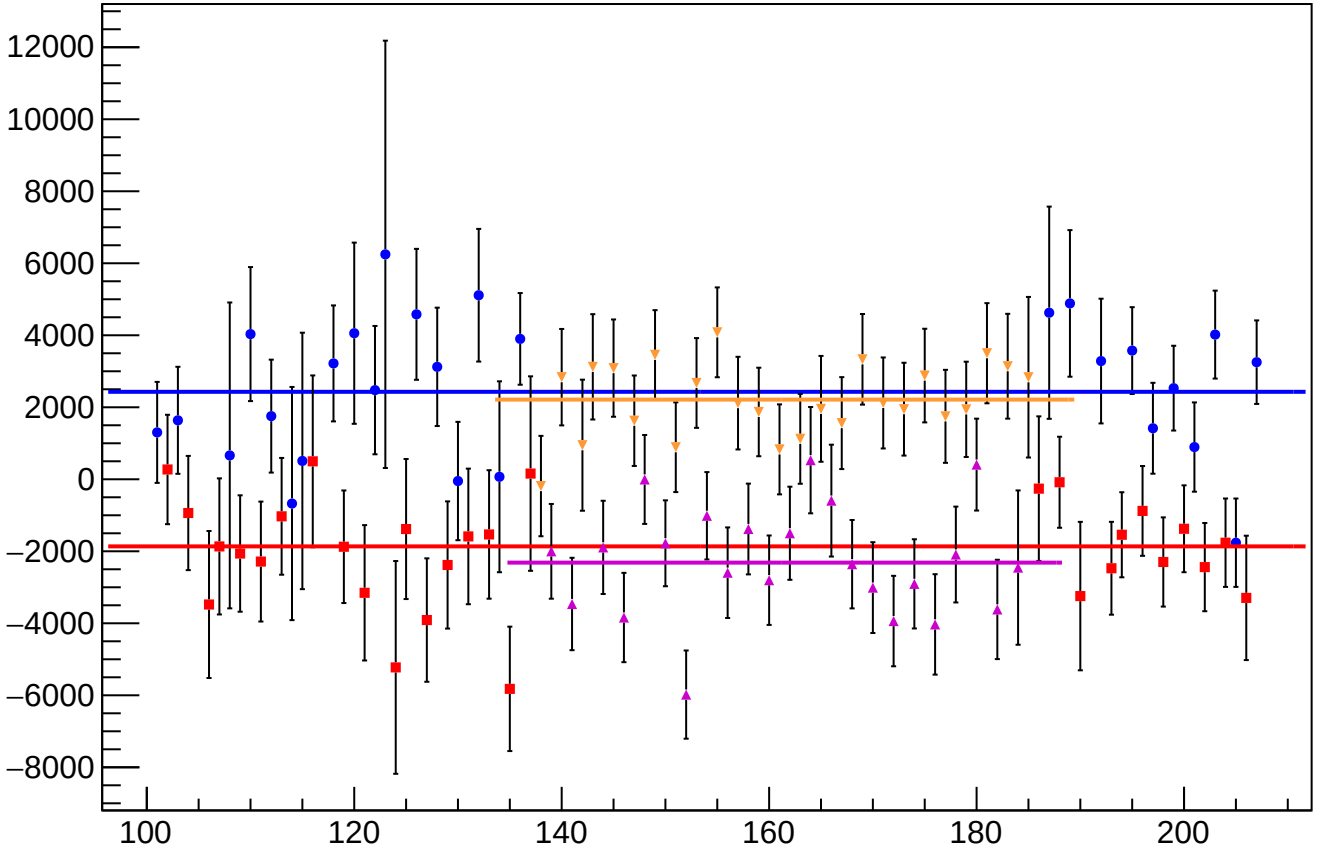
Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

+ sign 1697.524+/-0.218 χ^2/NDF: 1722435.1/49

All: 1713.084+/-0.154 χ^2/NDF: 3622262.4/10

- sign 1728.633+/-0.218 χ^2/NDF: 1889678.5/51

dit_asym_usr_mean vs Slug



Right In: 2429.587+/-311.240 χ^2/NDF: 31.6/26

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

Right Out: -1863.869+/-294.601 χ^2/NDF: 18.7/28

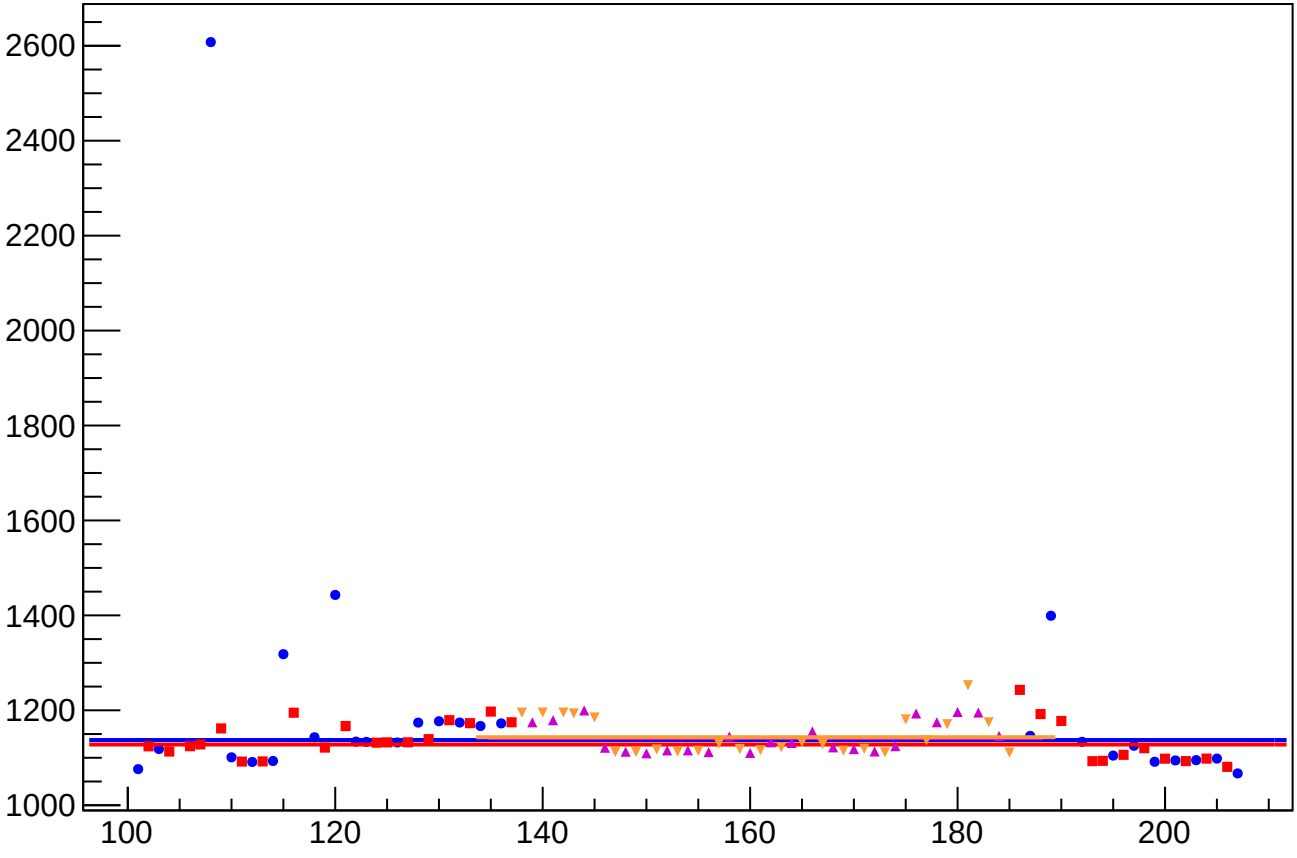
Left In: -2314.778+/-271.873 χ^2/NDF:31.6/22

+ sign 2304.966+/-202.616 χ^2/NDF: 46.1/51

All: 67.871+/-142.263 χ^2/NDF: 338.0/103

- sign -2107.385+/-199.796 χ^2/NDF: 51.5/51

dit_asym_usr_rms vs Slug



Right In: 1137.402+/-0.220 χ^2/NDF: 338070.8/26

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

Right Out: 1127.895+/-0.208 χ^2/NDF: 34358.5/28

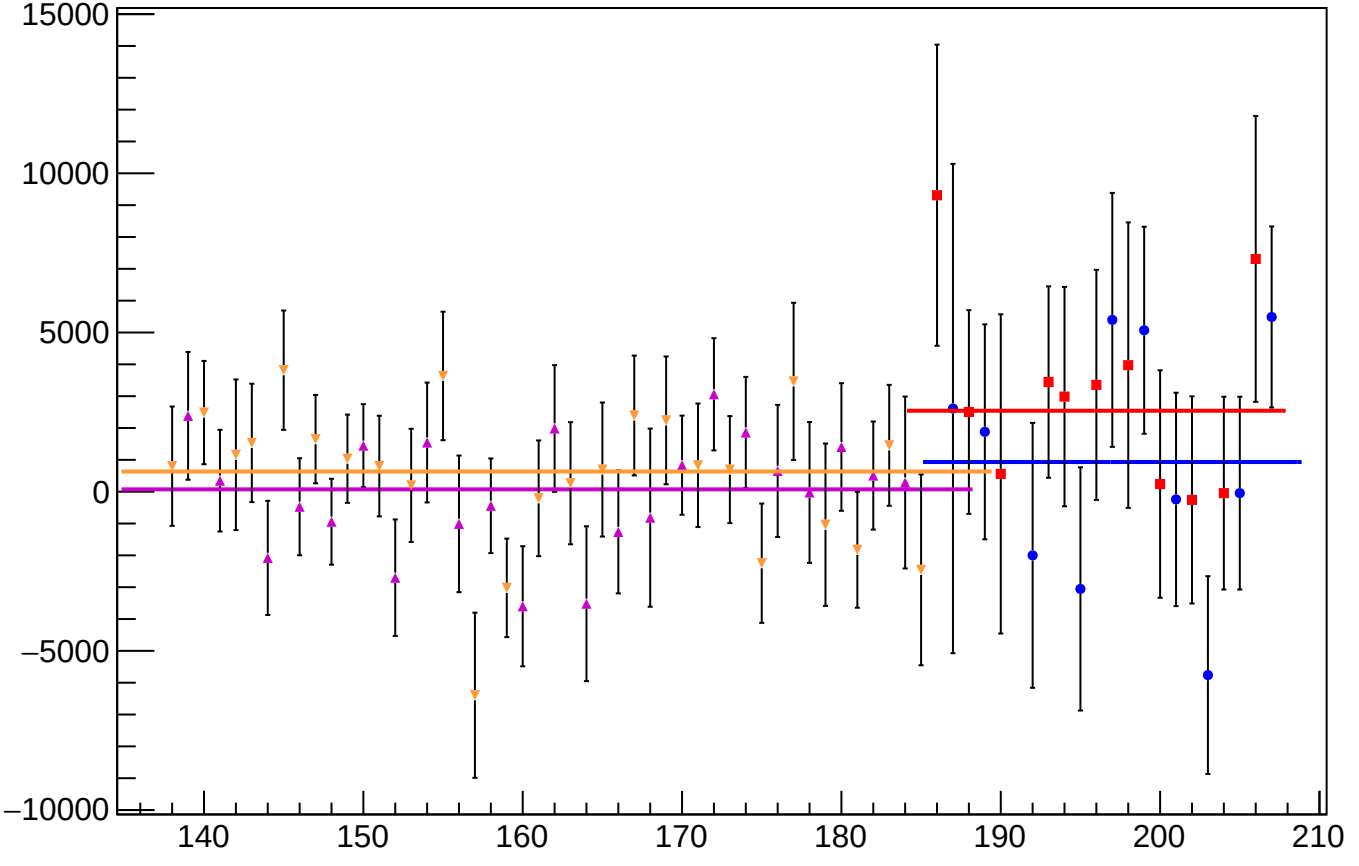
Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

+ sign 1140.771+/-0.143 χ^2/NDF: 377970.9/51

All: 1137.931+/-0.101 χ^2/NDF: 443376.9/103

- sign 1135.169+/-0.141 χ^2/NDF: 64630.7/51

asym_usr_correction_mean vs Slug



Right In: 931.675+/-1108.445 χ^2/NDF: 12.0/9

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

Right Out: 2542.003+/-1094.407 χ^2/NDF: 5.5/10

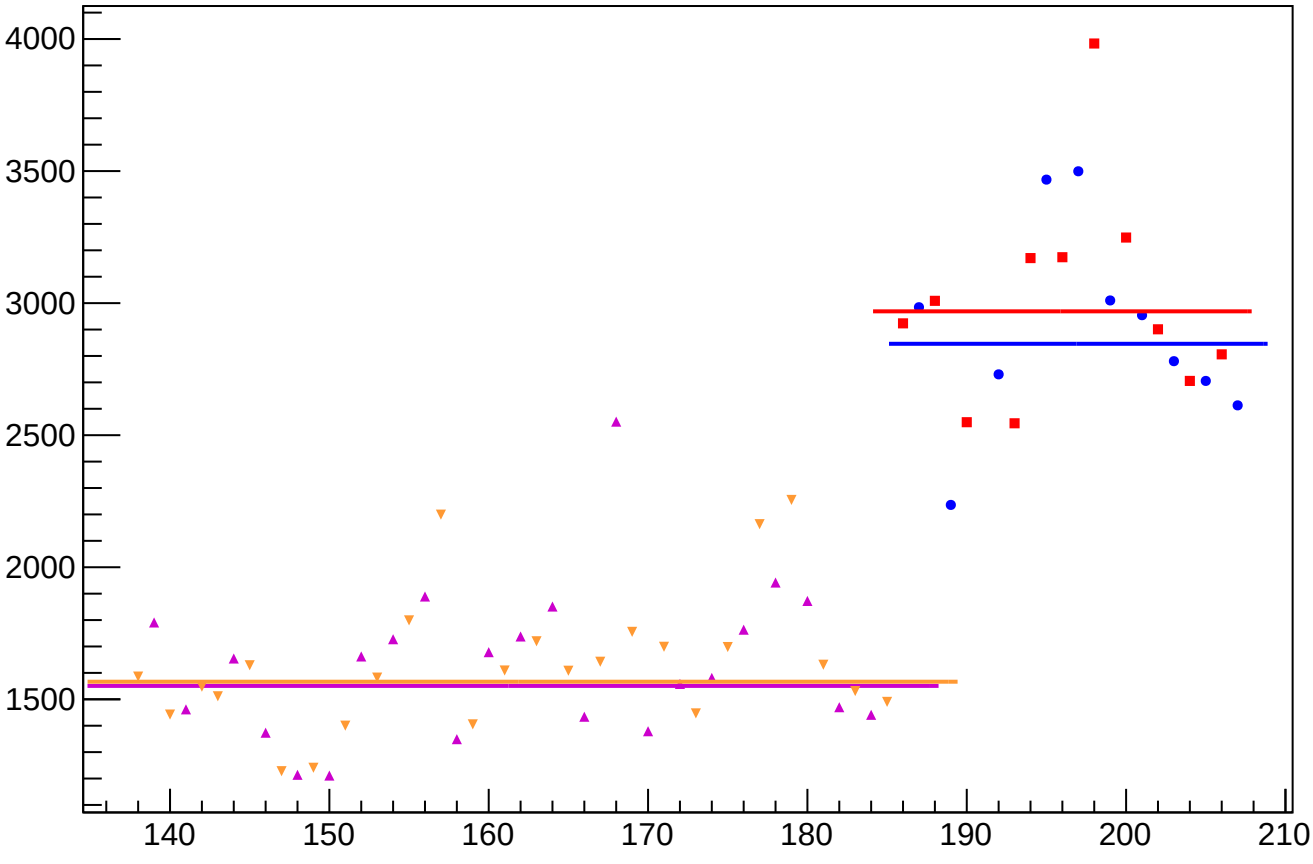
Left In: 72.962+/-375.277 χ^2/NDF:20.1/22

+ sign 663.897+/-352.612 χ^2/NDF: 41.3/34

All: 499.427+/-250.170 χ^2/NDF: 71.9/68

- sign 332.735+/-354.987 χ^2/NDF: 30.1/33

asym_usr_correction_rms vs Slug



Right In: 2846.040+/-0.784 χ^2/NDF: 199960.4/9

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

Right Out: 2968.930+/-0.774 χ^2/NDF: 200727.4/10

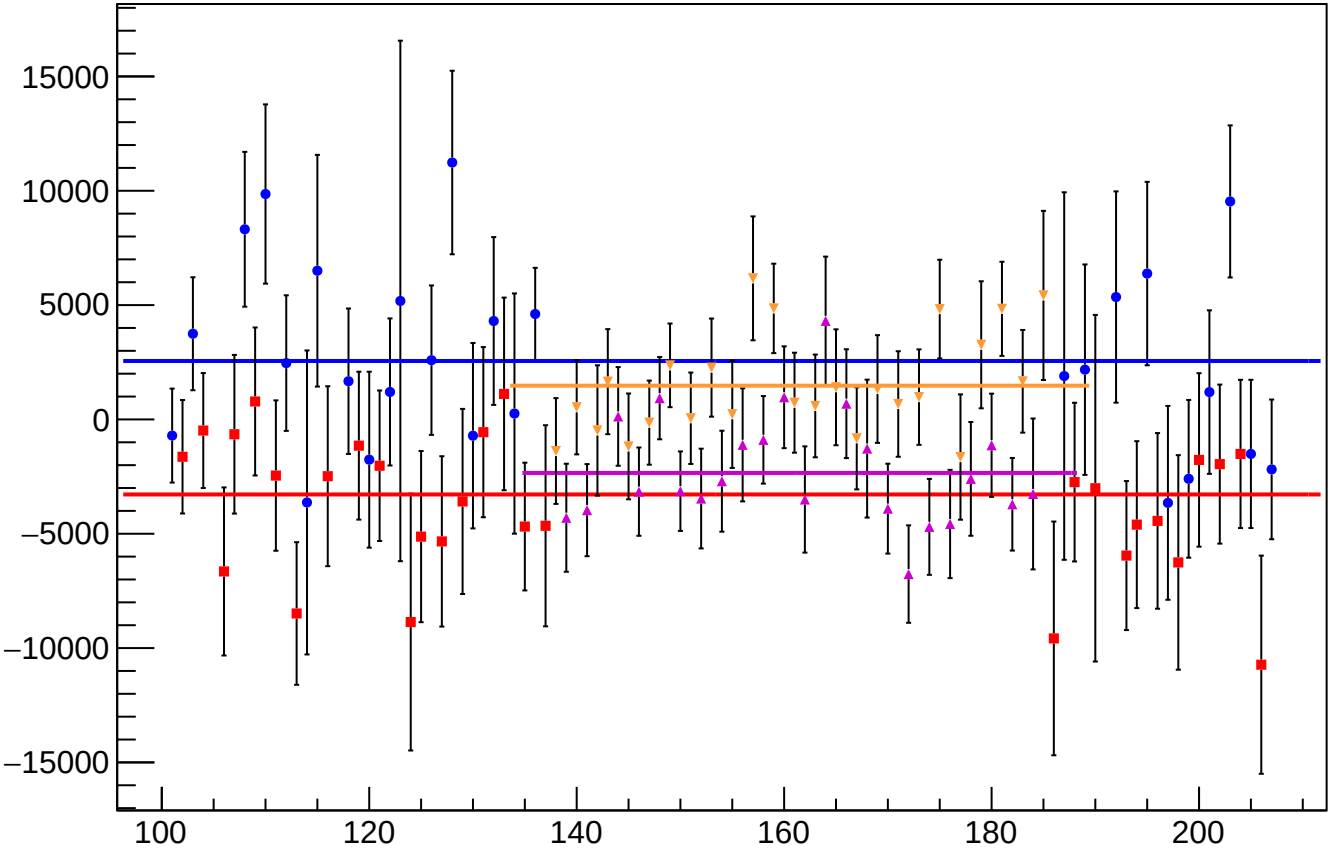
Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

+ sign 1696.099+/-0.249 χ^2/NDF: 3361820.9/34

All: 1698.016+/-0.177 χ^2/NDF: 7496393.4/68

- sign 1699.960+/-0.251 χ^2/NDF: 4134453.3/33

asym_usr_mean vs Slug



Right In: 2555.327+/-666.118 χ^2/NDF: 33.1/26

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

Right Out: -3281.688+/-662.547 χ^2/NDF: 17.5/28

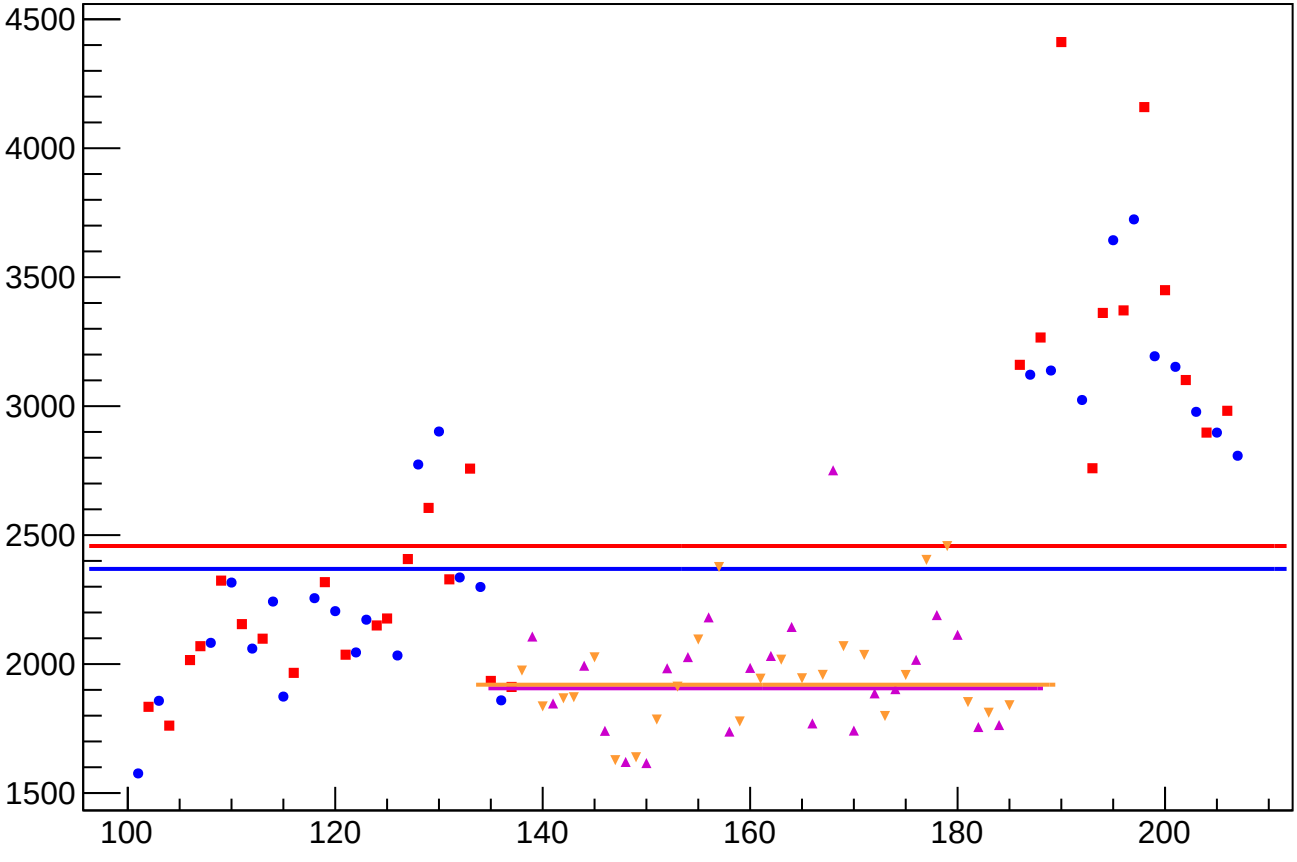
Left In: -2339.905+/-457.448 χ^2/NDF:25.2/22

+ sign 1815.371+/-373.651 χ^2/NDF: 55.8/51

All: -397.705+/-265.192 χ^2/NDF: 170.6/103

- sign -2643.929+/-376.439 χ^2/NDF: 44.1/51

asym_usr_rms vs Slug



Right In: 2368.953+/-0.471 χ^2/NDF: 1562172.1/26

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

Right Out: 2457.798+/-0.468 χ^2/NDF: 1643827.9/28

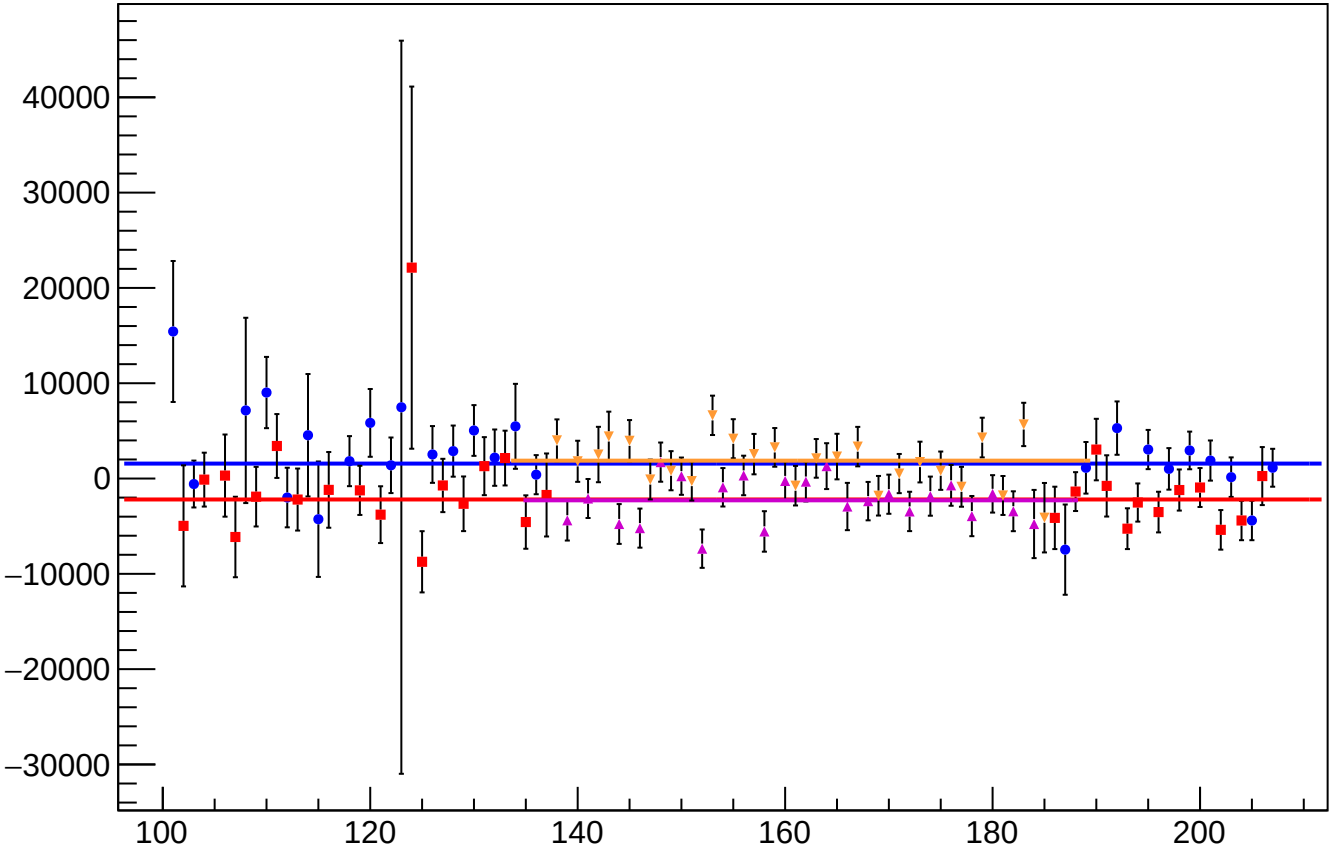
Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

+ sign 2061.320+/-0.264 χ^2/NDF: 2550507.6/51

All: 2072.655+/-0.188 χ^2/NDF: 5588379.4/10

- sign 2084.159+/-0.266 χ^2/NDF: 3034163.5/51

dit_asym_at1_avg_mean vs Slug



Right In: 1567.915+/-533.489 χ^2/NDF: 31.1/26

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

Right Out: -2197.122+/-508.116 χ^2/NDF: 26.2/29

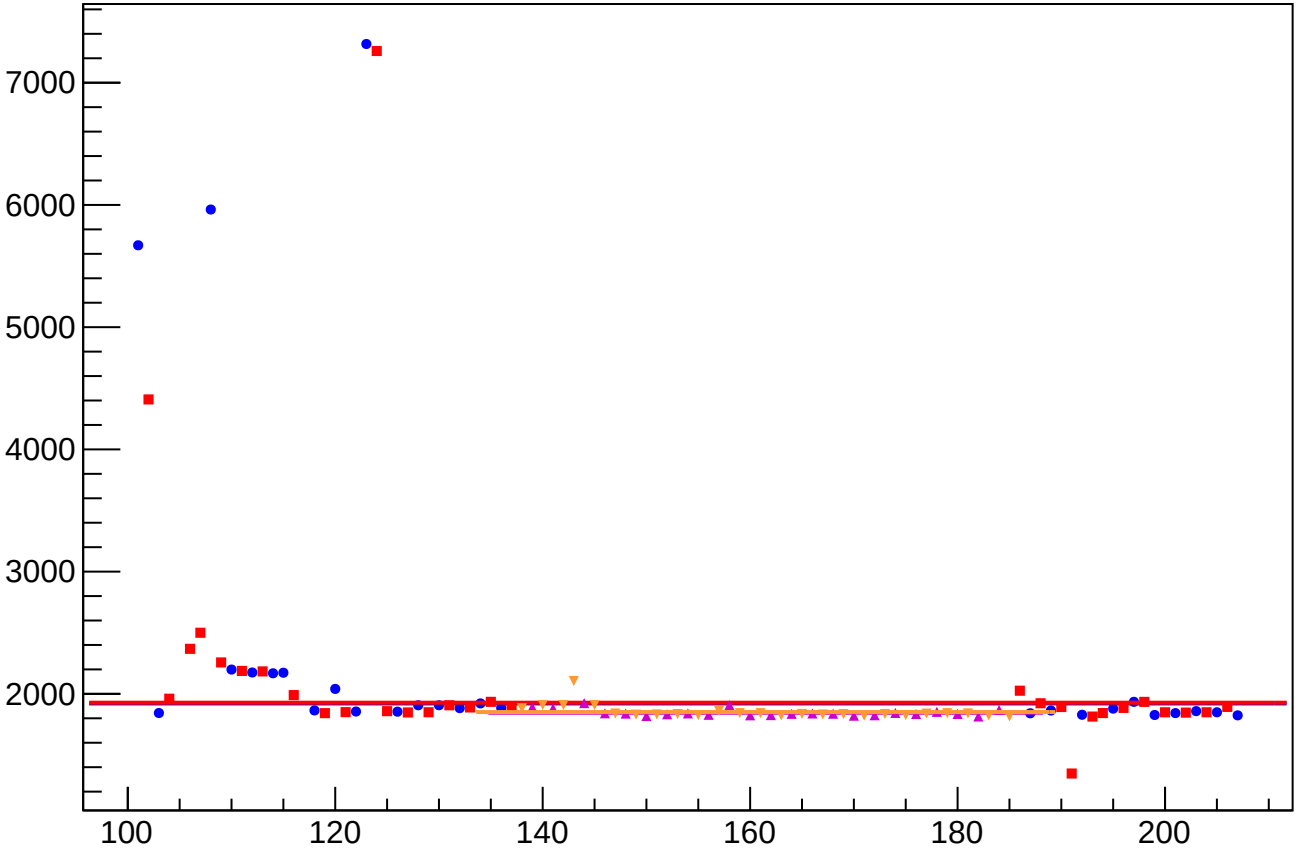
Left In: -2286.268+/-441.005 χ^2/NDF:27.3/22

+ sign 1753.137+/-336.314 χ^2/NDF: 61.3/51

All: -266.890+/-236.649 χ^2/NDF: 186.3/104

- sign -2247.967+/-333.056 χ^2/NDF: 53.6/52

dit_asym_at1_avg_rms vs Slug



Right In: 1921.693+/-0.377 χ^2/NDF: 958539.3/26

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

Right Out: 1927.697+/-0.359 χ^2/NDF: 662195.9/29

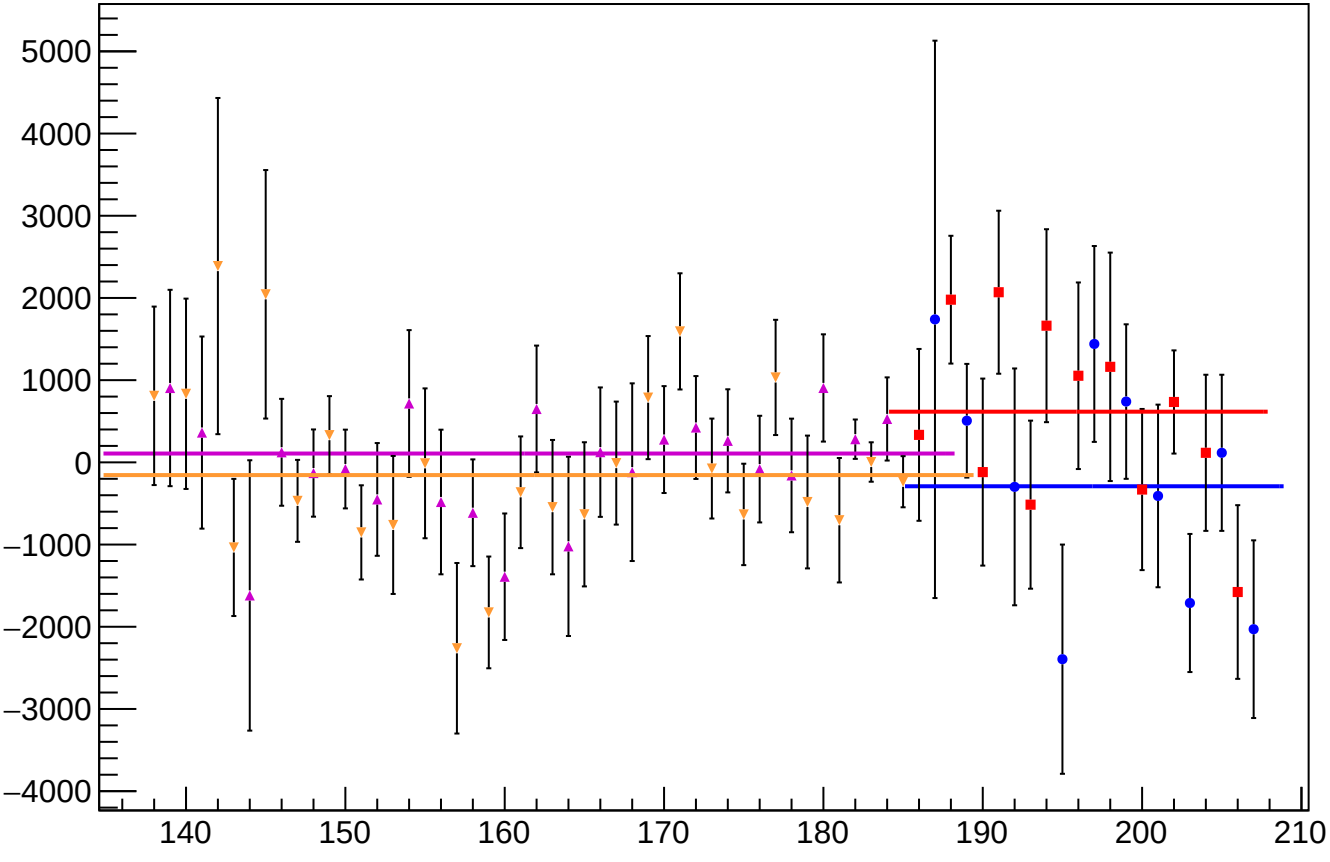
Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

+ sign 1879.134+/-0.238 χ^2/NDF: 1005913.0/51

All: 1879.957+/-0.167 χ^2/NDF: 1706367.8/10

- sign 1880.765+/-0.236 χ^2/NDF: 700431.0/52

asym_at1_avg_correction_mean vs Slug



Right In: -290.841+/-329.630 χ^2/NDF: 12.9/9

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

Right Out: 616.439+/-278.189 χ^2/NDF: 13.6/11

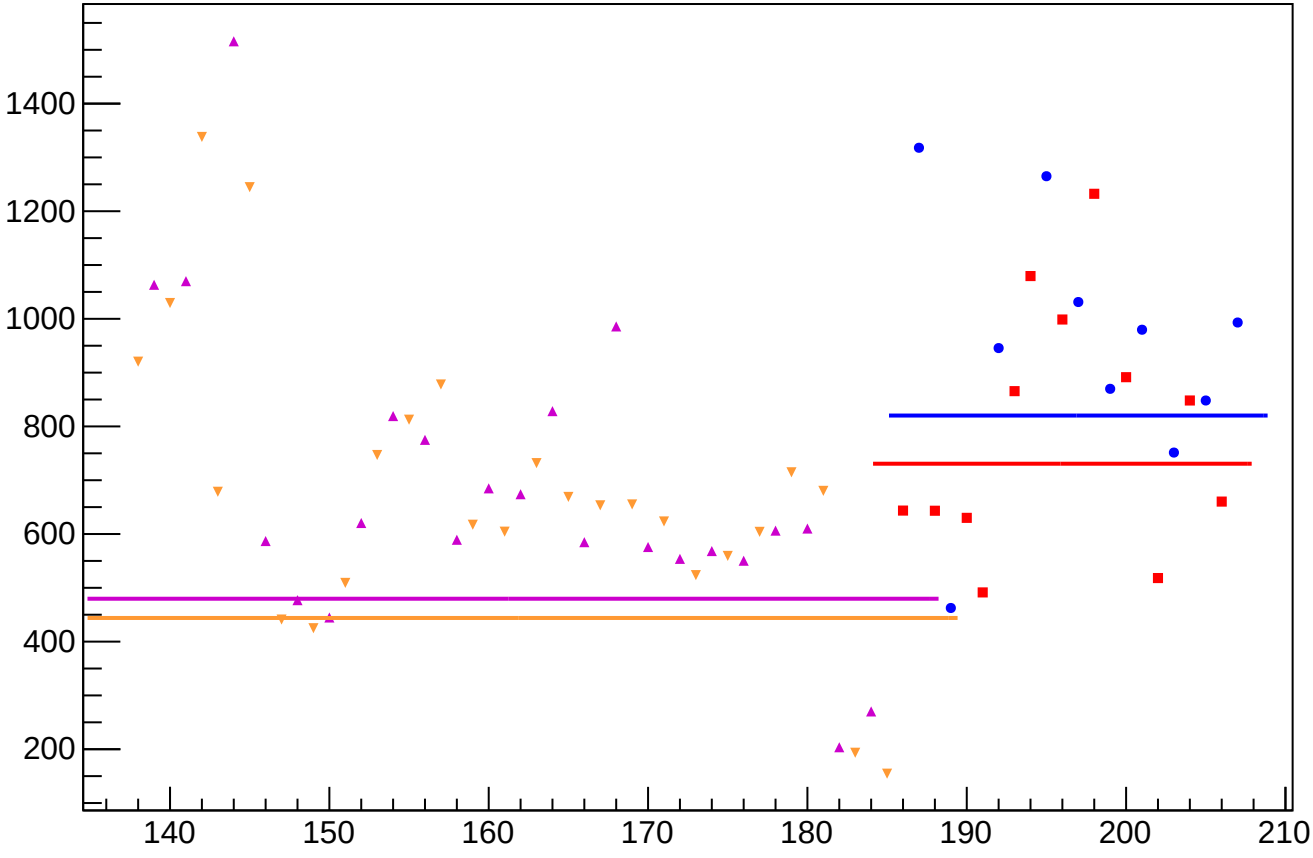
Left In: 107.387+/-127.580 χ^2/NDF:13.5/22

+ sign -170.679+/-112.473 χ^2/NDF: 46.0/34

All: 6.981+/-80.737 χ^2/NDF: 81.1/69

- sign 195.847+/-115.966 χ^2/NDF: 29.9/34

asym_at1_avg_correction_rms vs Slug



Right In: 820.218+/-0.233 χ^2/NDF: 972991.1/9

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

Right Out: 730.670+/-0.197 χ^2/NDF: 1077648.4/11

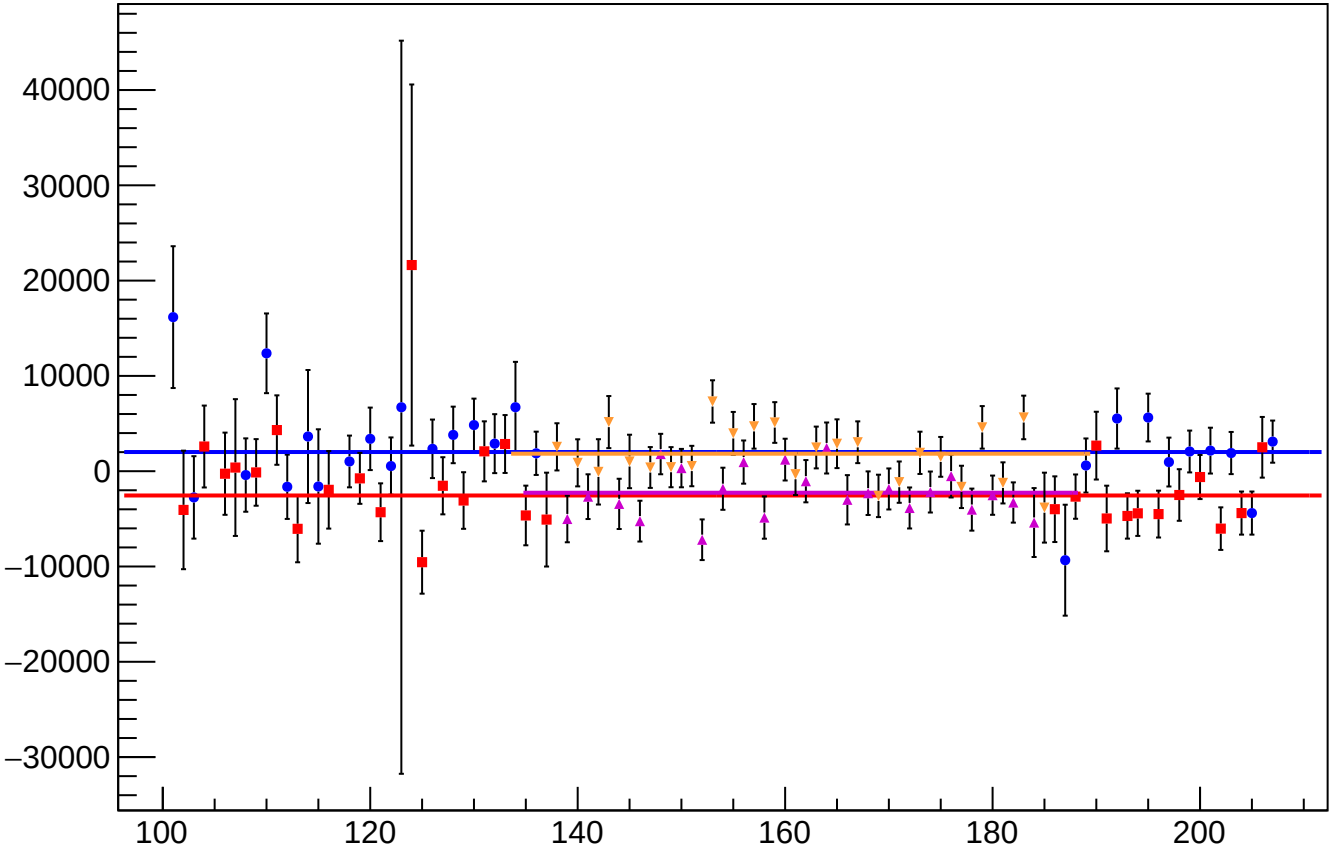
Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

+ sign 487.767+/-0.080 χ^2/NDF: 11848564.2/34

All: 505.005+/-0.057 χ^2/NDF: 21102399.1/69

- sign 523.331+/-0.082 χ^2/NDF: 9156911.3/34

asym_at1_avg_mean vs Slug



Right In: 2012.049+/-585.731 χ^2/NDF: 31.8/26

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

Right Out: -2548.770+/-564.035 χ^2/NDF: 31.3/29

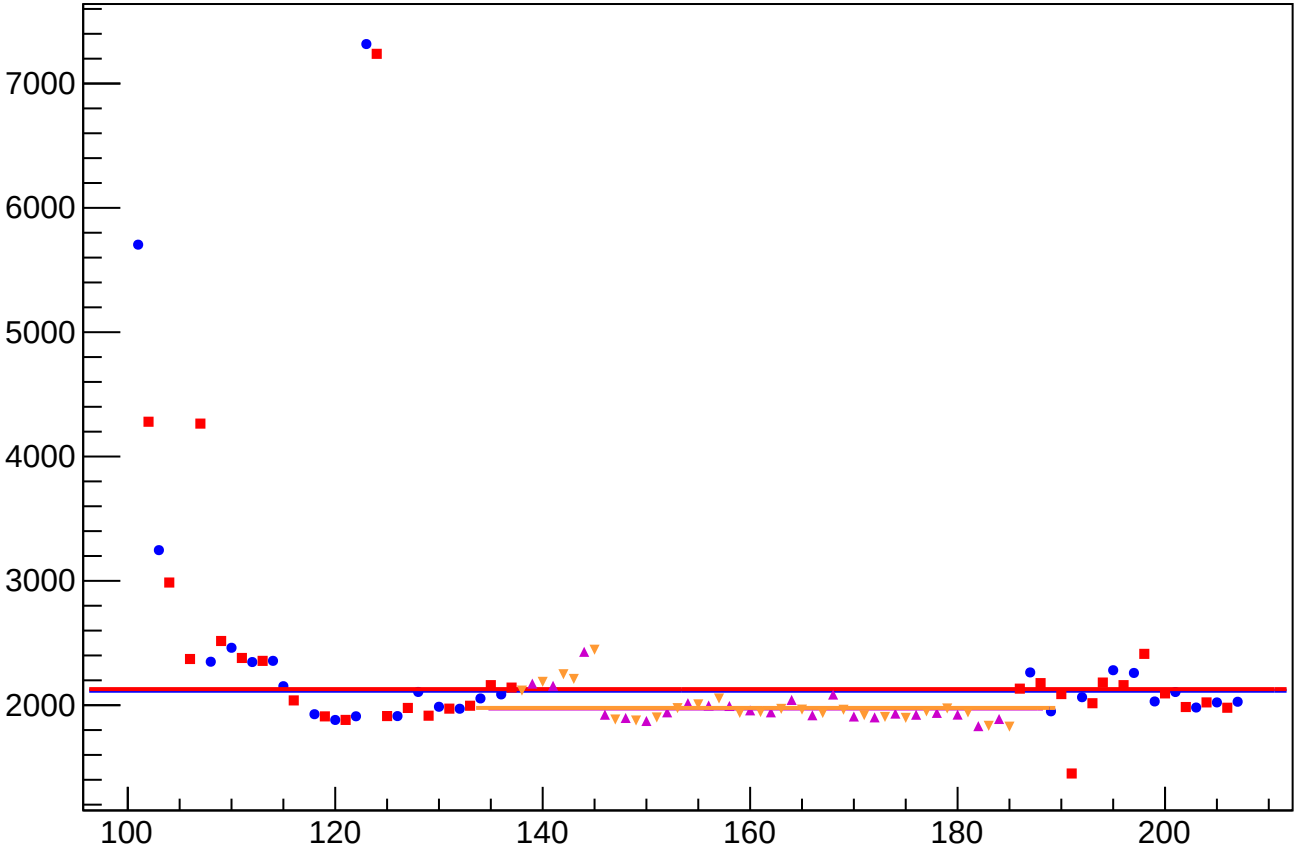
Left In: -2260.178+/-472.324 χ^2/NDF:26.3/22

+ sign 1903.053+/-363.600 χ^2/NDF: 64.6/51

All: -246.753+/-256.581 χ^2/NDF: 192.1/104

- sign -2379.134+/-362.124 χ^2/NDF: 57.8/52

asym_at1_avg_rms vs Slug



Right In: 2116.246+/-0.414 χ^2/NDF: 759427.2/26

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

Right Out: 2129.345+/-0.399 χ^2/NDF: 875268.8/29

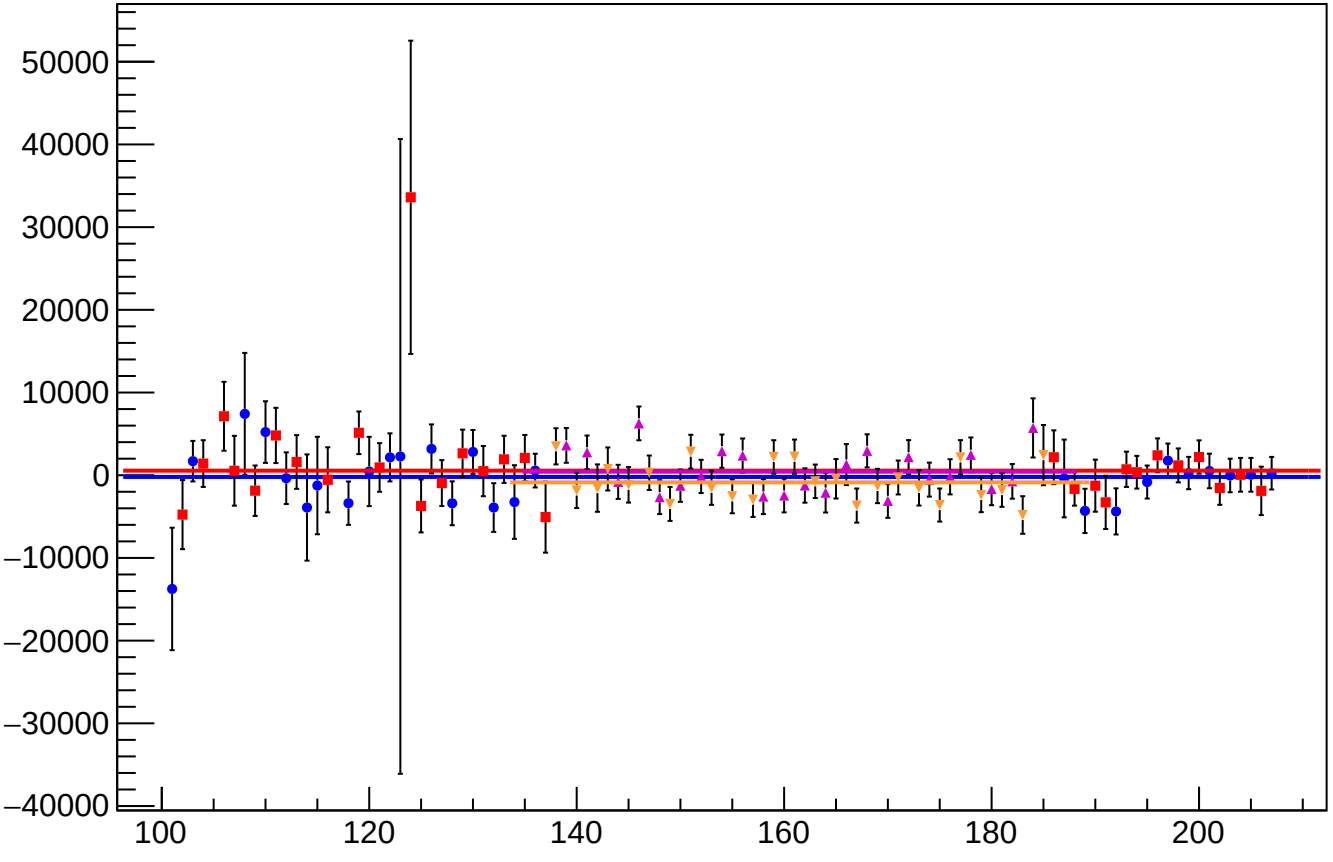
Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

+ sign 2031.300+/-0.257 χ^2/NDF: 965562.9/51

All: 2034.449+/-0.181 χ^2/NDF: 2051687.3/10

- sign 2037.572+/-0.256 χ^2/NDF: 1085825.7/52

dit_asym_at1_dd_mean vs Slug



Right In: -208.329+/-527.993 χ^2/NDF: 21.8/26

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

Right Out: 552.880+/-499.036 χ^2/NDF: 24.3/29

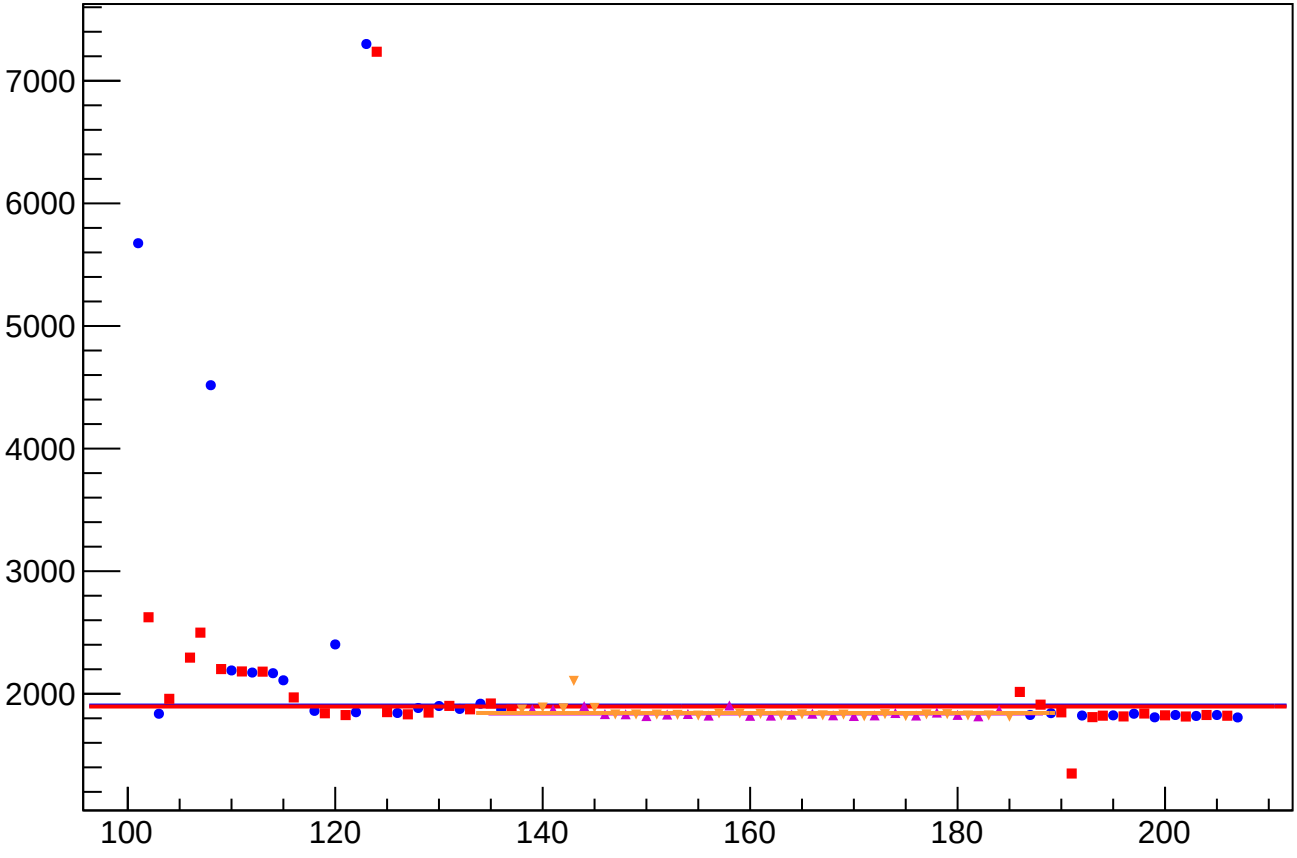
Left In: 427.682+/-439.561 χ^2/NDF:33.7/22

+ sign -598.253+/-334.100 χ^2/NDF: 49.5/51

All: -51.021+/-234.727 χ^2/NDF: 112.9/104

- sign 482.379+/-329.850 χ^2/NDF: 58.0/52

dit_asym_at1_dd_rms vs Slug



Right In: 1904.127+/-0.373 χ^2/NDF: 902212.4/26

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

Right Out: 1896.135+/-0.353 χ^2/NDF: 416208.3/29

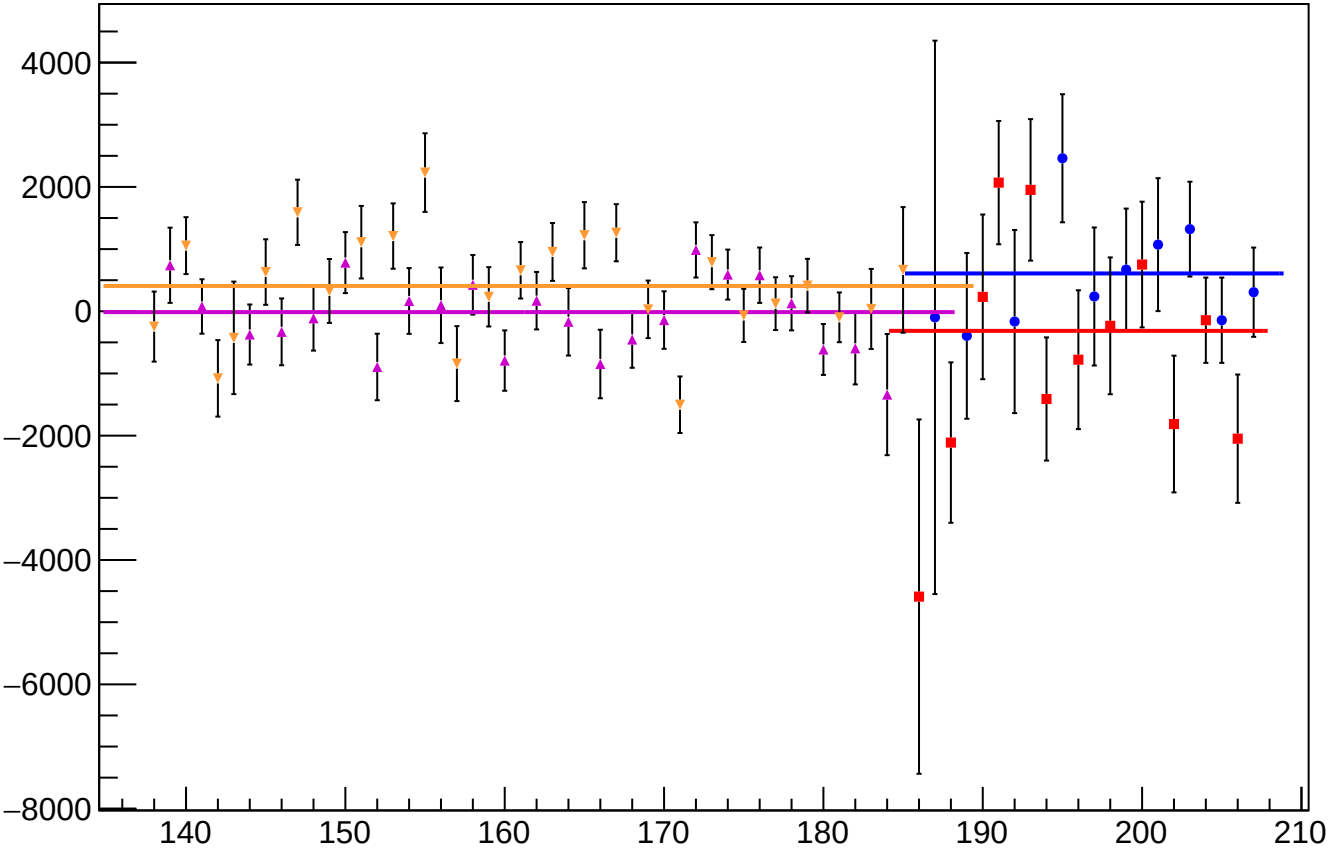
Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

+ sign 1867.795+/-0.236 χ^2/NDF: 942980.0/51

All: 1865.977+/-0.166 χ^2/NDF: 1380264.7/10

- sign 1864.205+/-0.233 χ^2/NDF: 437167.8/52

asym_at1_dd_correction_mean vs Slug



Right In: 608.636+/-308.102 χ^2/NDF: 6.7/9

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

Right Out: -314.739+/-307.068 χ^2/NDF: 21.4/11

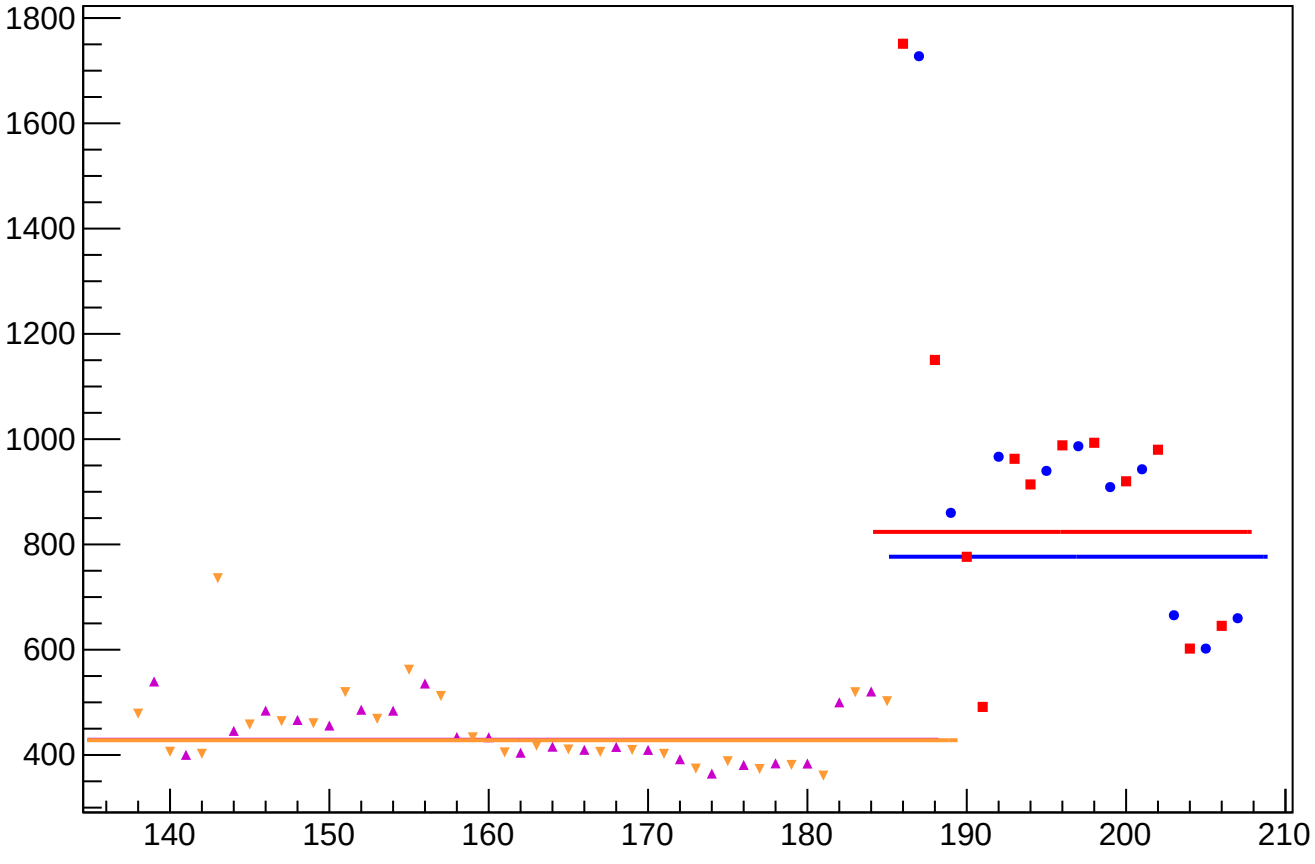
Left In: -13.395+/-102.912 χ^2/NDF:29.2/22

+ sign 426.932+/-96.165 χ^2/NDF: 69.2/34

All: 194.988+/-68.493 χ^2/NDF: 132.5/69

- sign -43.825+/-97.578 χ^2/NDF: 51.5/34

asym_at1_dd_correction_rms vs Slug



Right In: 776.651+/-0.218 χ^2/NDF: 563904.8/9

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

Right Out: 823.824+/-0.217 χ^2/NDF: 1032158.9/11

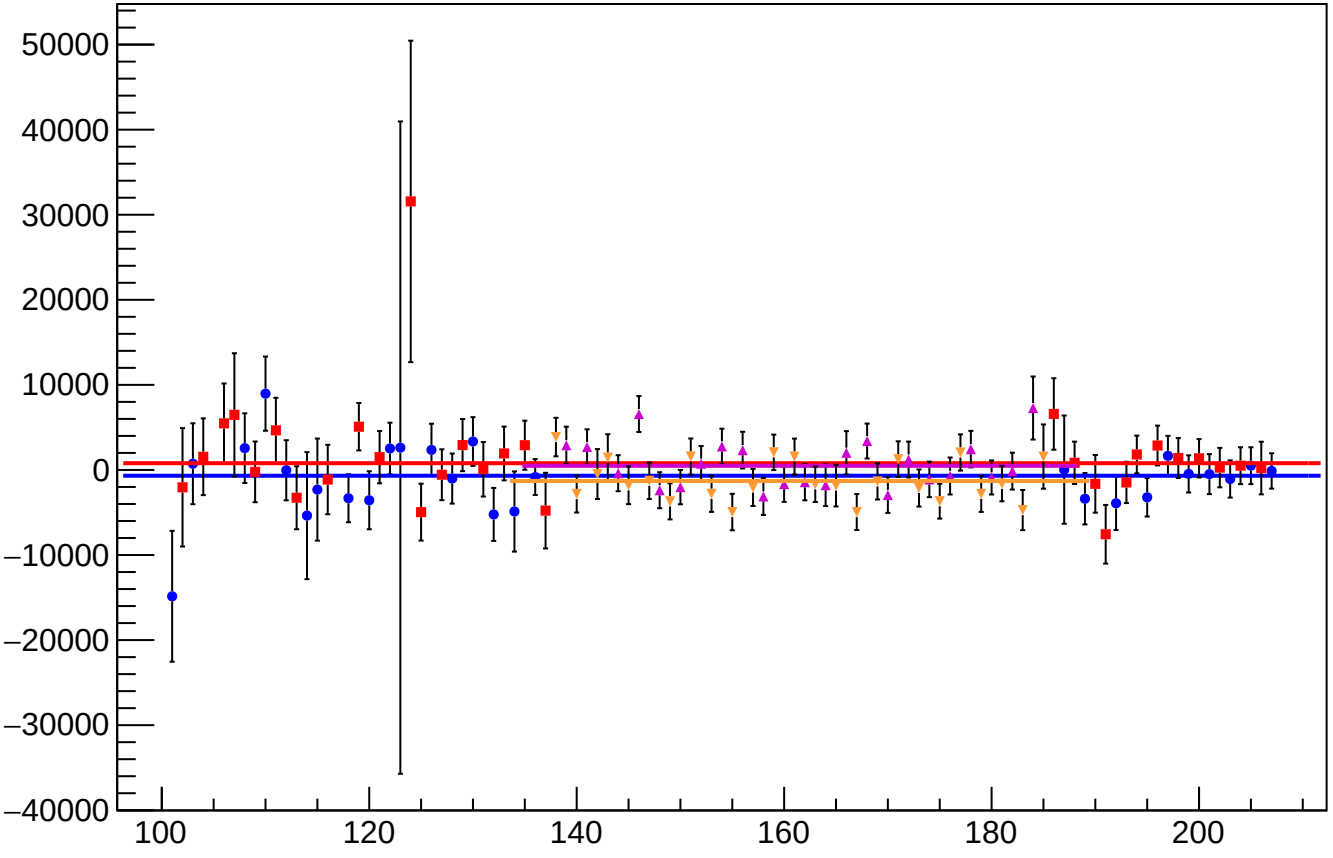
Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

+ sign 462.012+/-0.068 χ^2/NDF: 3579535.8/34

All: 465.358+/-0.048 χ^2/NDF: 8009092.2/69

- sign 468.803+/-0.069 χ^2/NDF: 4424641.8/34

asym_at1_dd_mean vs Slug



Right In: -679.568+/-578.161 χ^2/NDF: 22.7/26

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

Right Out: 792.029+/-562.880 χ^2/NDF: 25.7/29

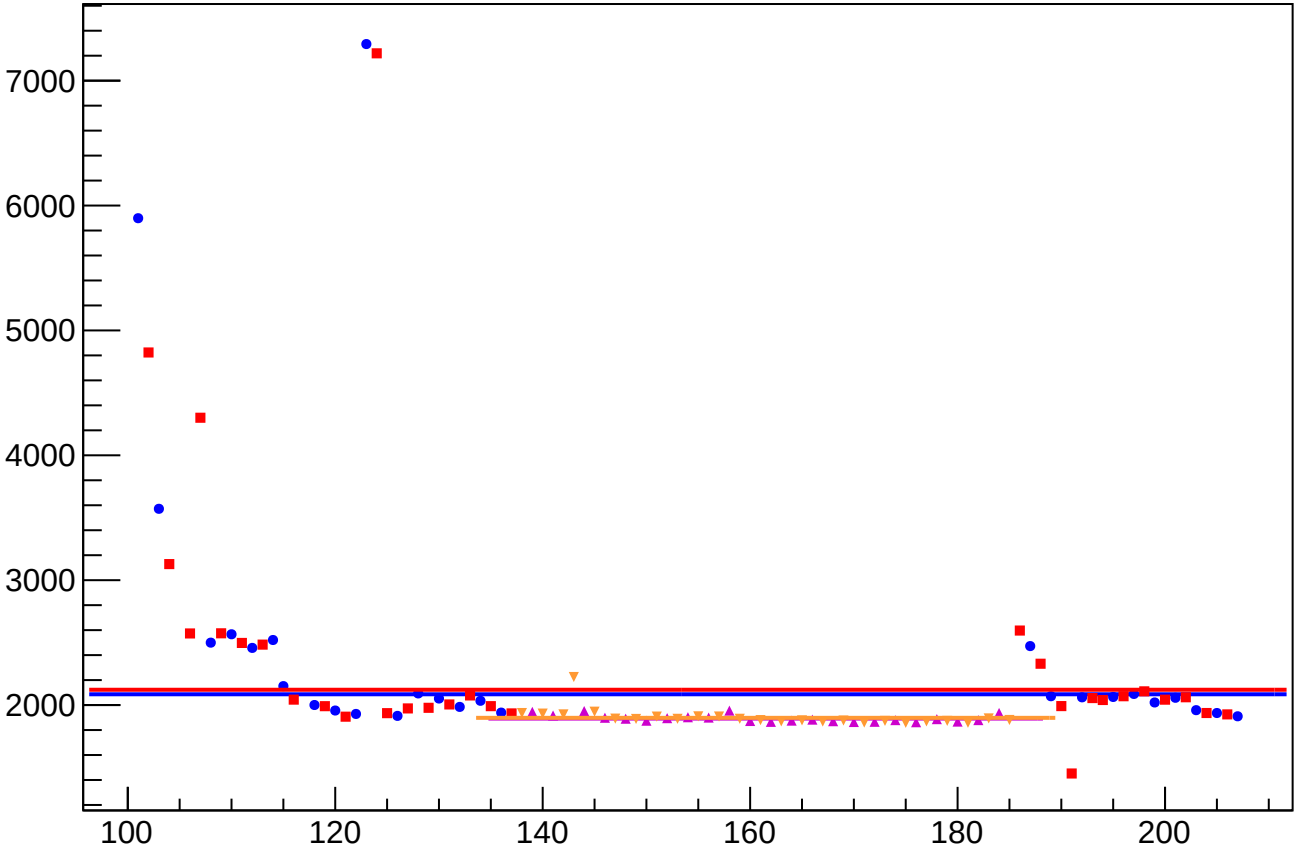
Left In: 485.827+/-452.020 χ^2/NDF:32.4/22

+ sign -1066.061+/-352.218 χ^2/NDF: 53.0/51

All: -230.628+/-249.135 χ^2/NDF: 122.6/104

- sign 605.875+/-352.444 χ^2/NDF: 58.3/52

asym_at1_dd_rms vs Slug



Right In: 2086.375+/-0.409 χ^2/NDF: 866164.1/26

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

Right Out: 2122.617+/-0.398 χ^2/NDF: 1008372.2/29

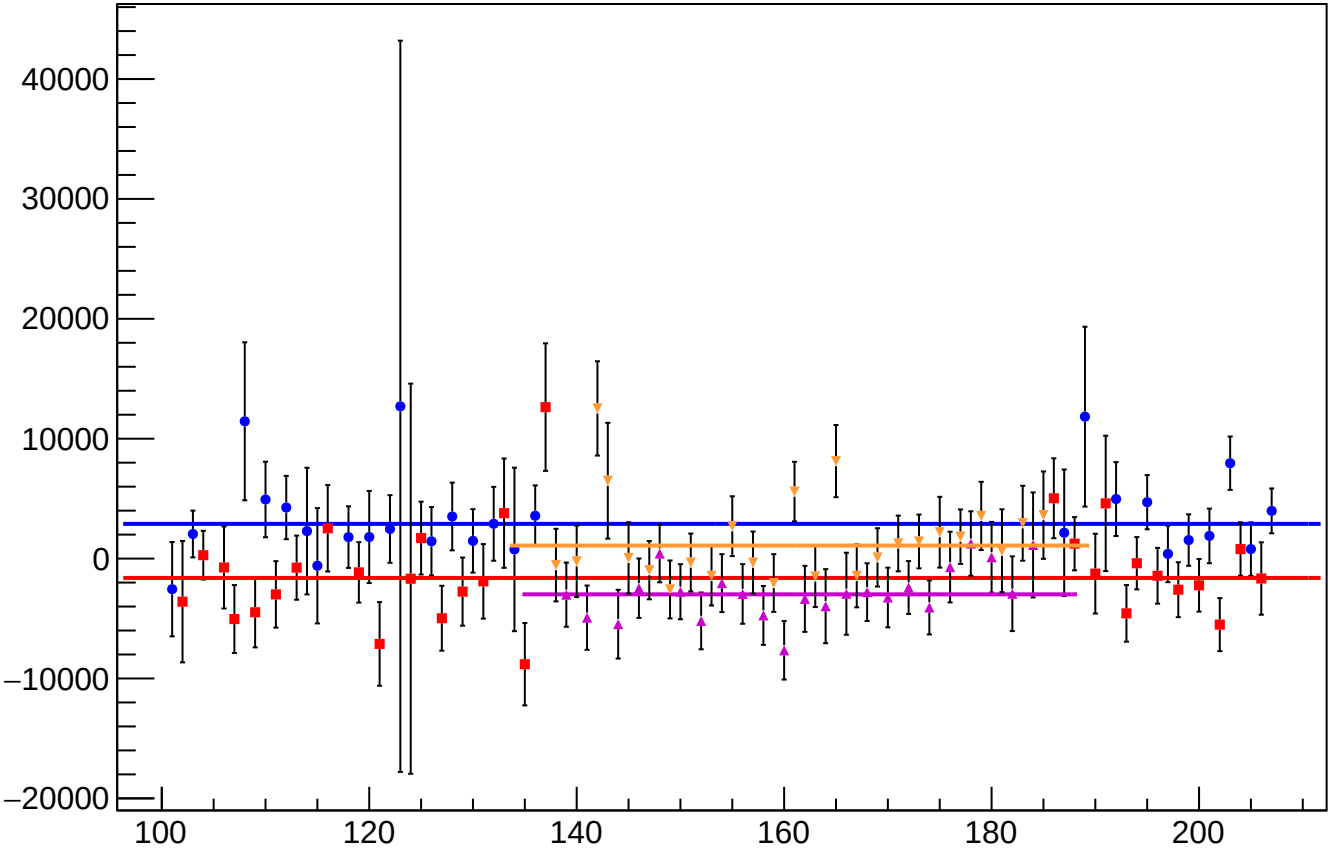
Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

+ sign 1967.704+/-0.249 χ^2/NDF: 1035239.8/51

All: 1974.970+/-0.176 χ^2/NDF: 2257493.9/10

- sign 1982.246+/-0.249 χ^2/NDF: 1220550.5/52

dit_asym_at2_avg_mean vs Slug



Right In: 2896.020+/-548.177 χ^2/NDF: 16.8/26

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

Right Out: -1614.766+/-517.063 χ^2/NDF: 36.9/29

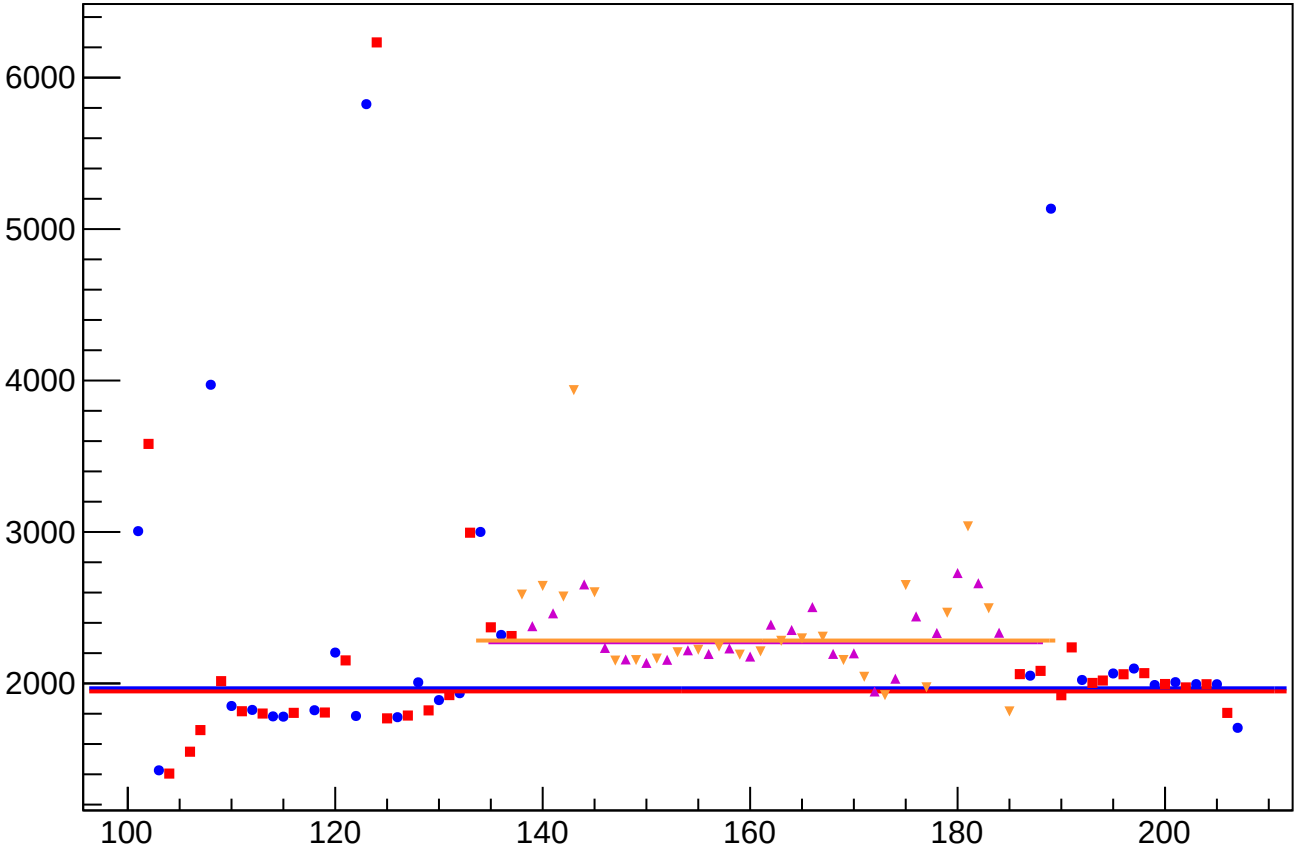
Left In: -2981.160+/-546.107 χ^2/NDF:14.0/22

+ sign 1980.019+/-385.051 χ^2/NDF: 52.2/51

All: -193.757+/-268.820 χ^2/NDF: 168.6/104

- sign -2260.663+/-375.467 χ^2/NDF: 54.2/52

dit_asym_at2_avg_rms vs Slug



Right In: 1967.841+/-0.388 χ^2/NDF: 1050674.6/26

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

Right Out: 1947.432+/-0.366 χ^2/NDF: 759413.8/29

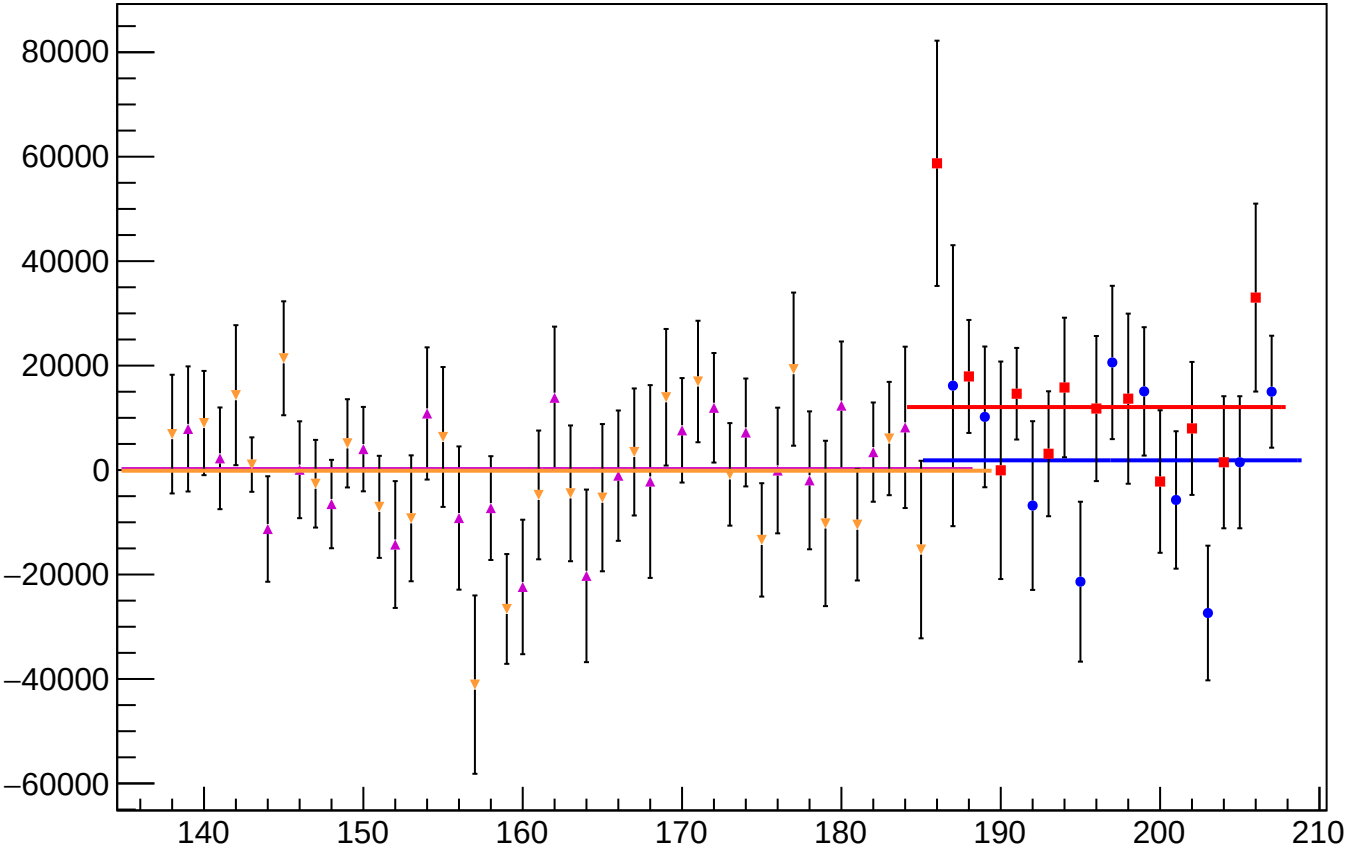
Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

+ sign 2127.606+/-0.272 χ^2/NDF: 2020440.4/51

All: 2113.872+/-0.190 χ^2/NDF: 3400784.9/10

- sign 2100.815+/-0.265 χ^2/NDF: 1375381.4/52

asym_at2_avg_correction_mean vs Slug



Right In: 1862.750+/-4343.562 χ^2/NDF: 13.0/9

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

Right Out: 12062.639+/-3832.199 χ^2/NDF: 8.6/11

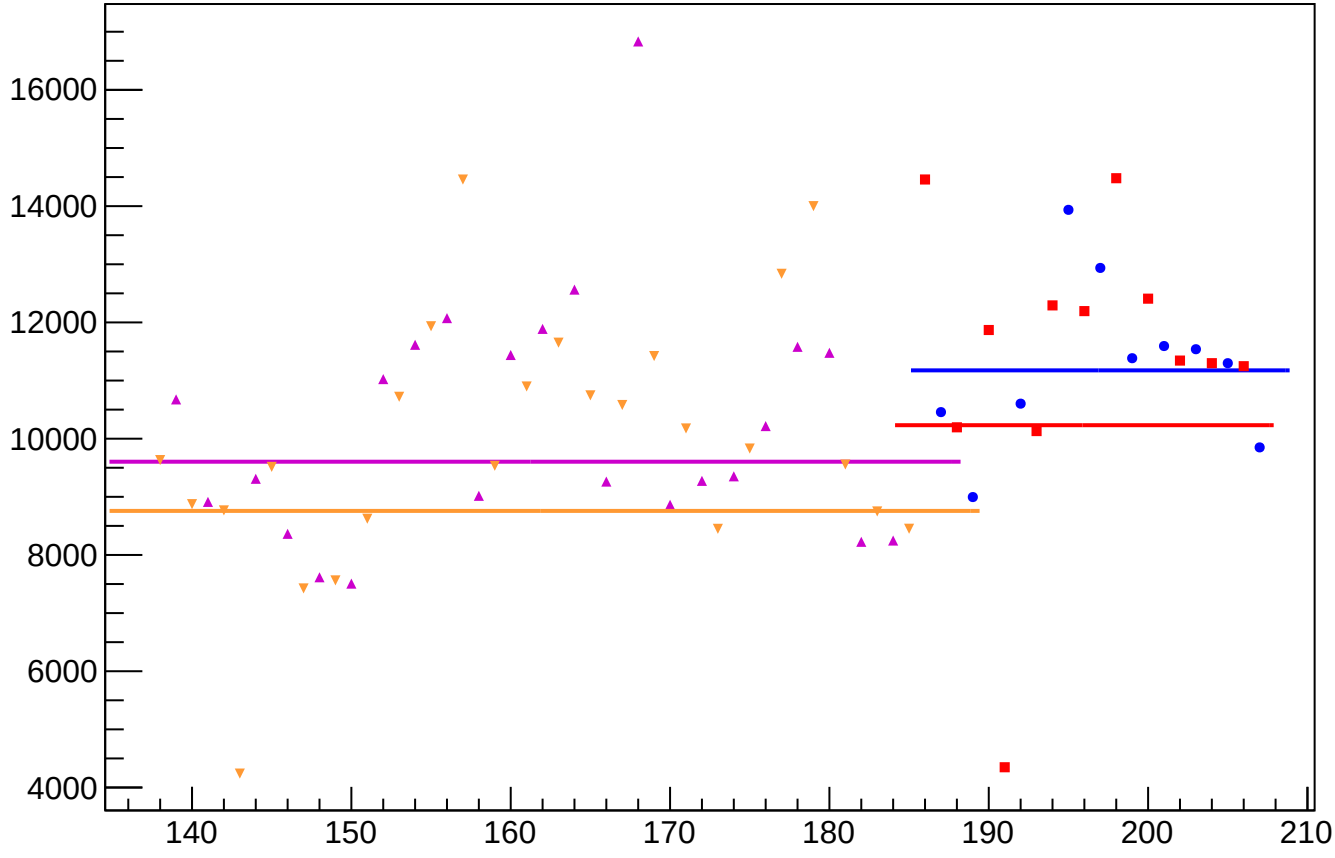
Left In: 185.013+/-2330.398 χ^2/NDF:15.0/22

+ sign 264.340+/-1921.086 χ^2/NDF: 42.9/34

All: 1771.968+/-1382.516 χ^2/NDF: 74.8/69

- sign 3391.557+/-1991.140 χ^2/NDF: 30.6/34

asym_at2_avg_correction_rms vs Slug



Right In: 11175.259+/-3.071 χ^2/NDF: 185084.3/9

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

Right Out: 10232.100+/-2.710 χ^2/NDF: 1287844.3/11

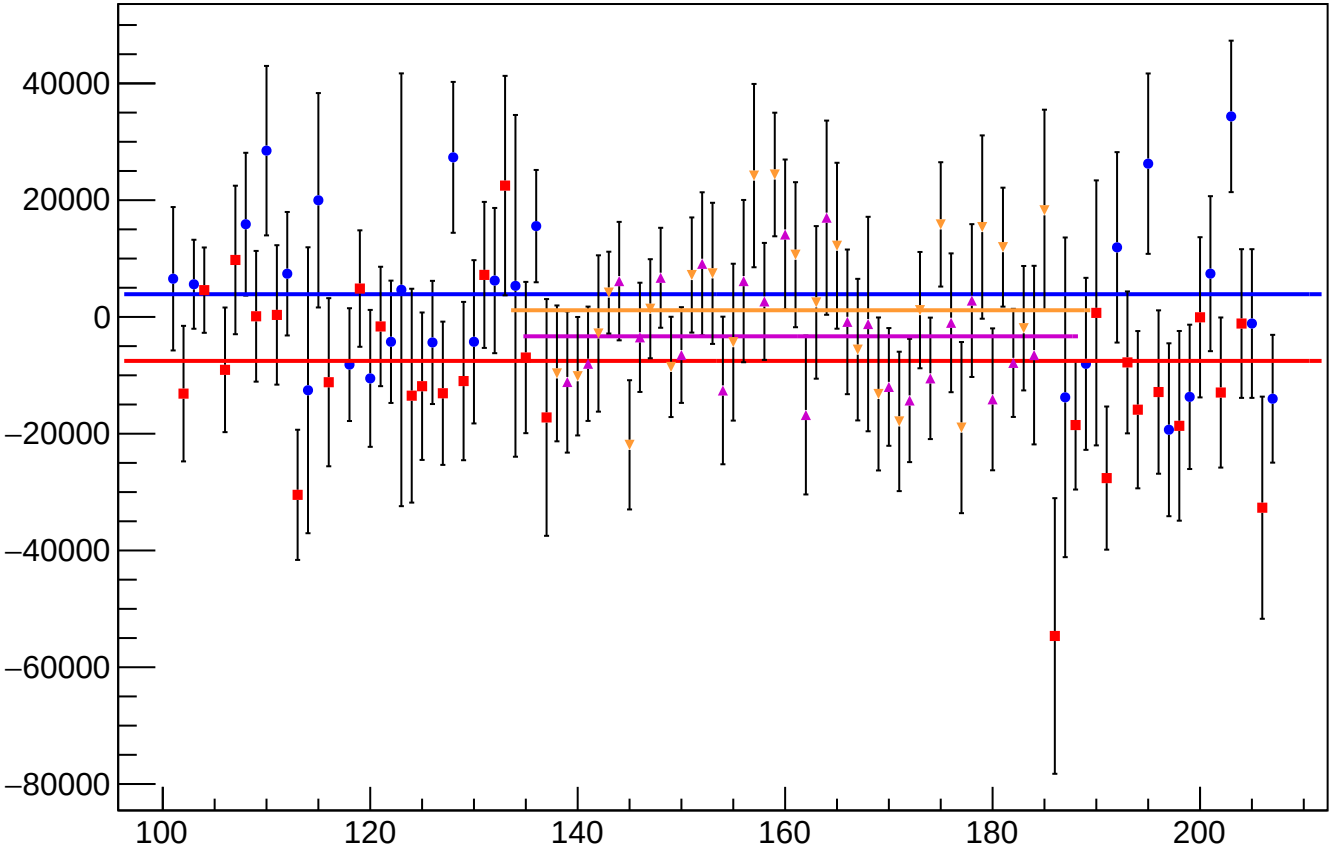
Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

+ sign 9230.705+/-1.358 χ^2/NDF: 3462515.4/34

All: 9492.427+/-0.978 χ^2/NDF: 5962382.5/69

- sign 9773.585+/-1.408 χ^2/NDF: 2422869.1/34

asym_at2_avg_mean vs Slug



Right In: 3893.039+/-2451.889 χ^2/NDF: 31.0/26

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

Right Out: -7530.725+/-2308.884 χ^2/NDF: 27.8/29

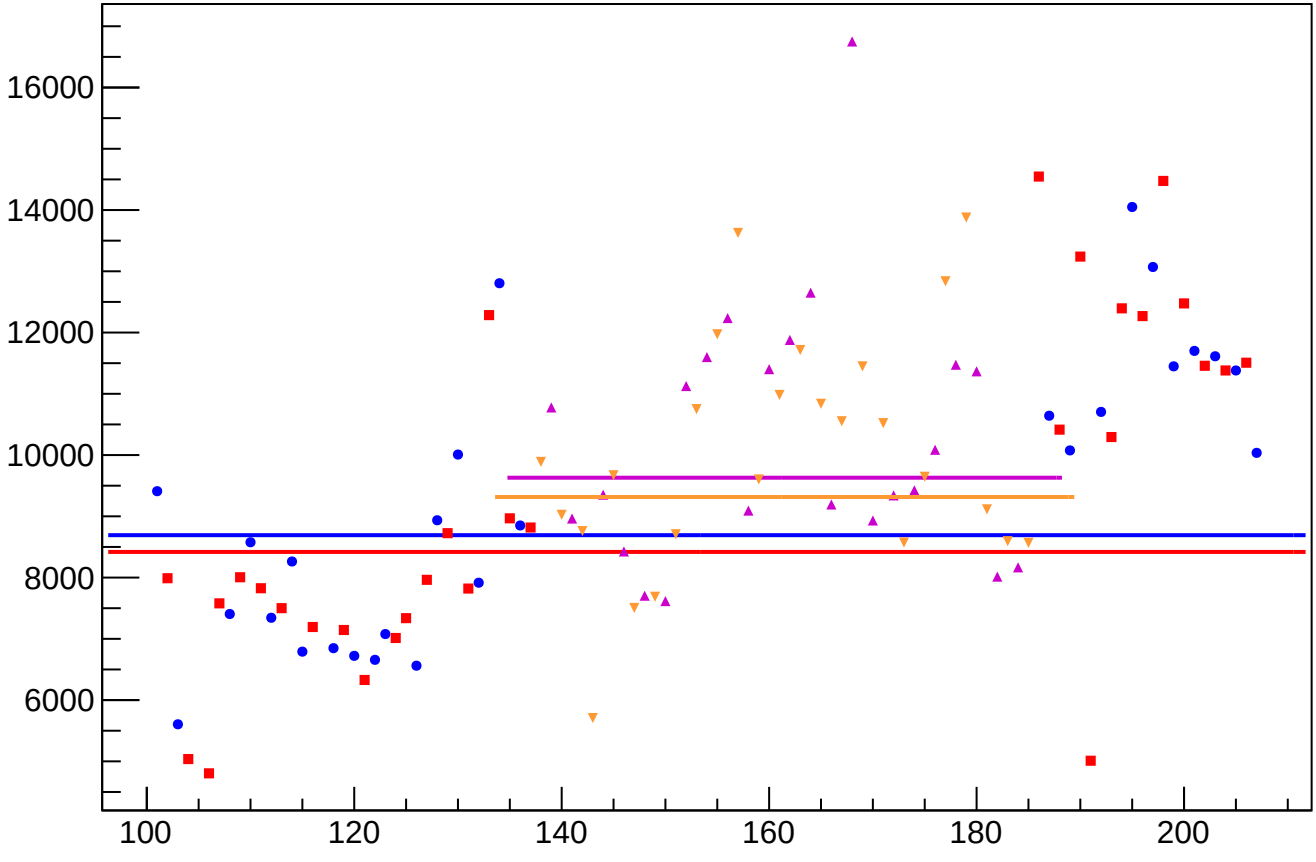
Left In: -3316.960+/-2336.196 χ^2/NDF:13.4/22

+ sign 2390.603+/-1650.675 χ^2/NDF: 59.5/51

All: -1549.187+/-1164.195 χ^2/NDF: 113.8/10

- sign -5448.617+/-1642.199 χ^2/NDF: 42.9/52

asym_at2_avg_rms vs Slug



Right In: 8692.225+/-1.734 χ^2/NDF: 1664798.2/26

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

Right Out: 8418.678+/-1.632 χ^2/NDF: 2489429.1/29

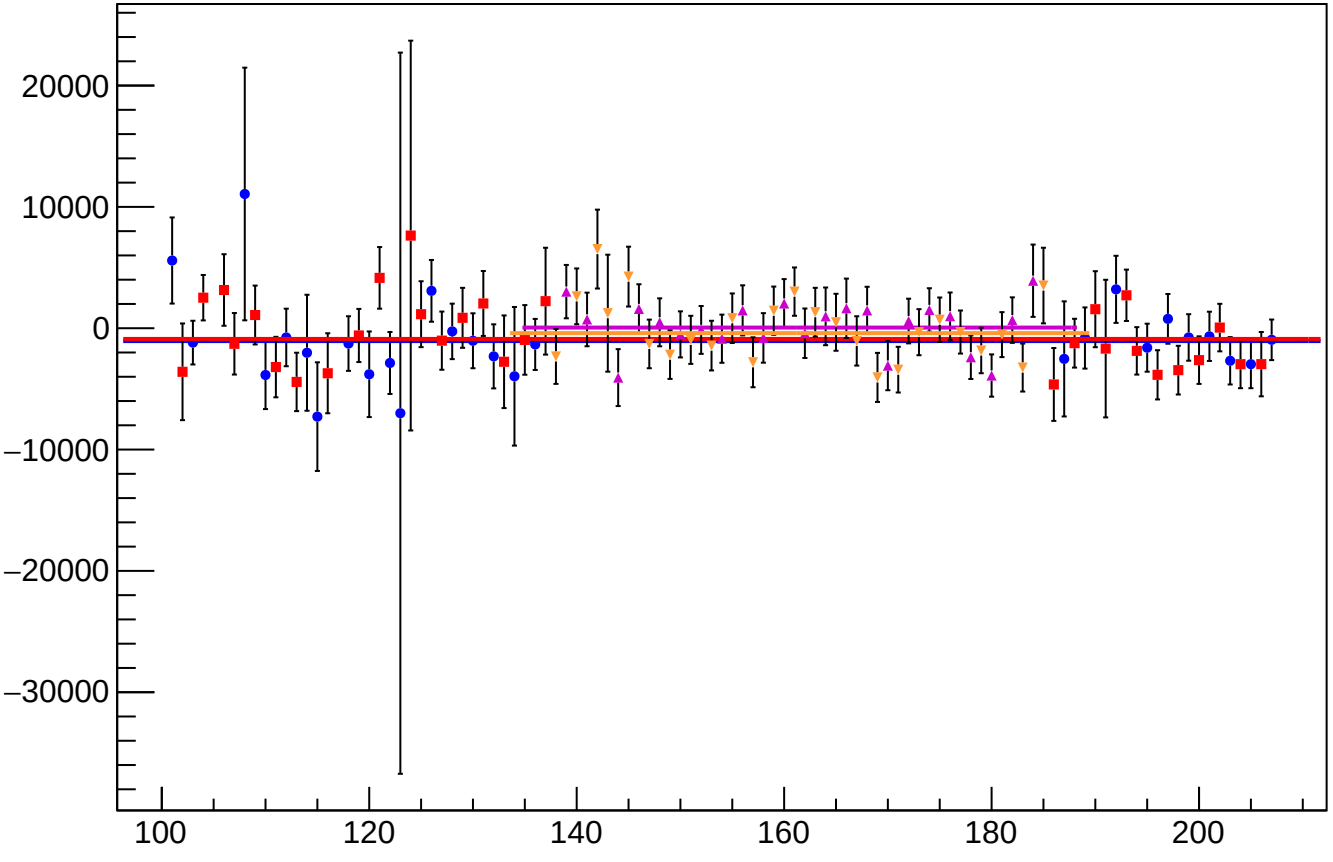
Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

+ sign 9032.949+/-1.167 χ^2/NDF: 3238951.4/51

All: 9025.090+/-0.823 χ^2/NDF: 7075308.2/10

- sign 9017.312+/-1.161 χ^2/NDF: 3836266.7/52

dit_asym_at2_dd_mean vs Slug



Right In: -1059.315+/-477.623 χ^2/NDF: 17.3/26

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

Right Out: -881.622+/-455.418 χ^2/NDF: 29.2/29

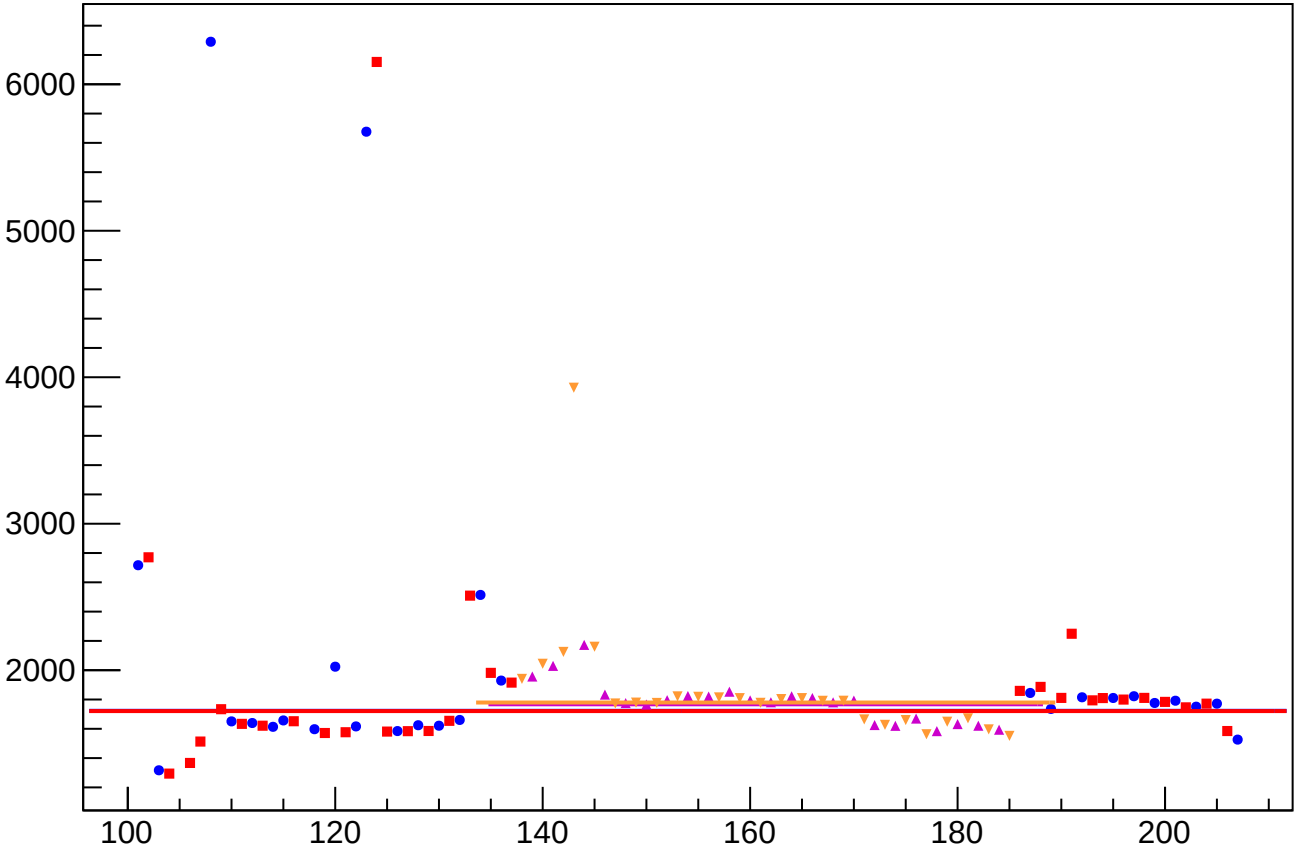
Left In: 53.539+/-422.570 χ^2/NDF:20.9/22

+ sign -688.836+/-315.080 χ^2/NDF: 47.3/51

All: -531.335+/-220.892 χ^2/NDF: 100.1/104

- sign -379.102+/-309.764 χ^2/NDF: 52.3/52

dit_asym_at2_dd_rms vs Slug



Right In: 1722.752+/-0.338 χ^2/NDF: 826122.8/26

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

Right Out: 1720.963+/-0.322 χ^2/NDF: 644017.3/29

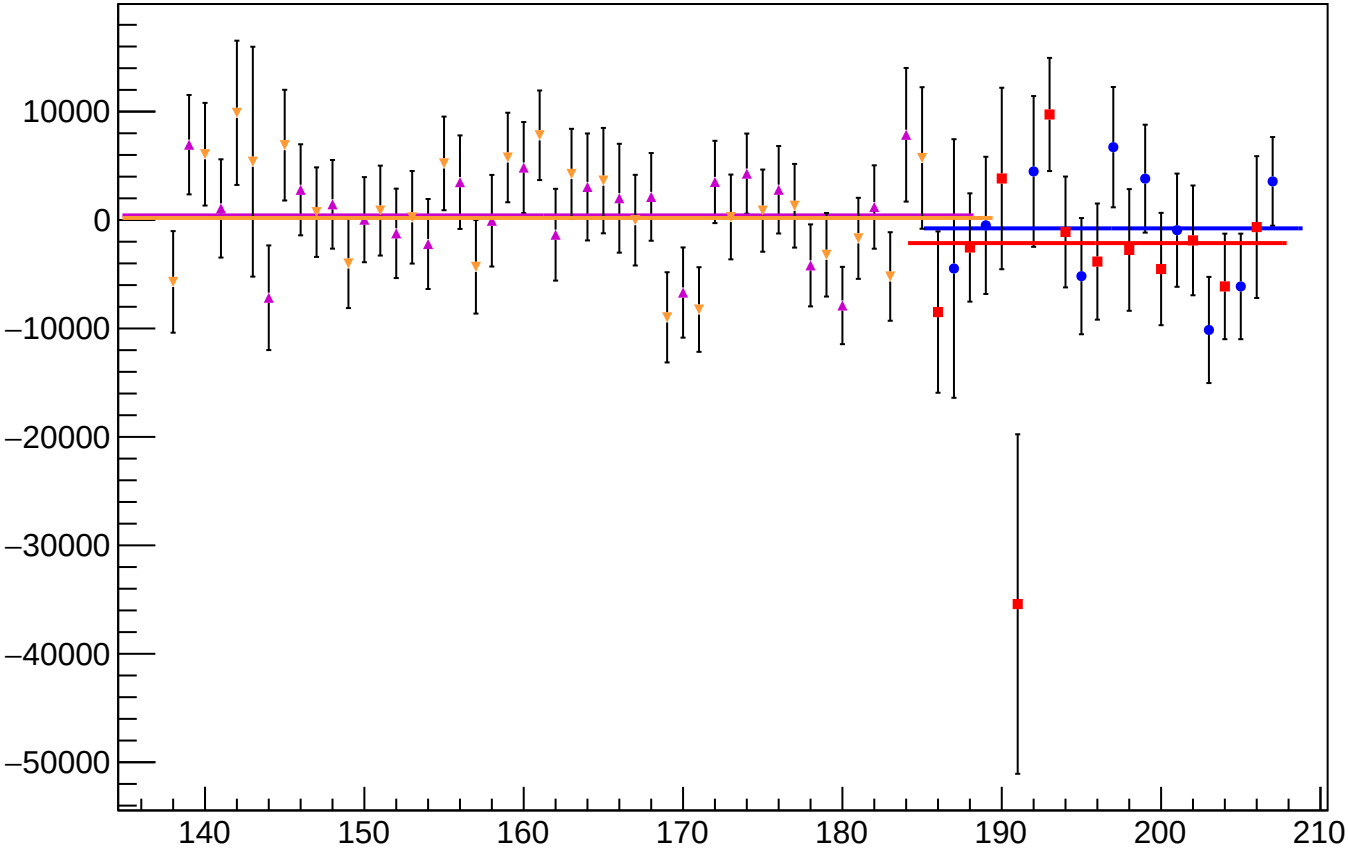
Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

+ sign 1754.767+/-0.223 χ^2/NDF: 1452957.6/51

All: 1750.243+/-0.156 χ^2/NDF: 2305501.6/10

- sign 1745.870+/-0.219 χ^2/NDF: 851733.2/52

asym_at2_dd_correction_mean vs Slug



Right In: -768.491+/-1712.669 χ^2/NDF: 10.0/9

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

Right Out: -2127.482+/-1666.428 χ^2/NDF: 12.0/11

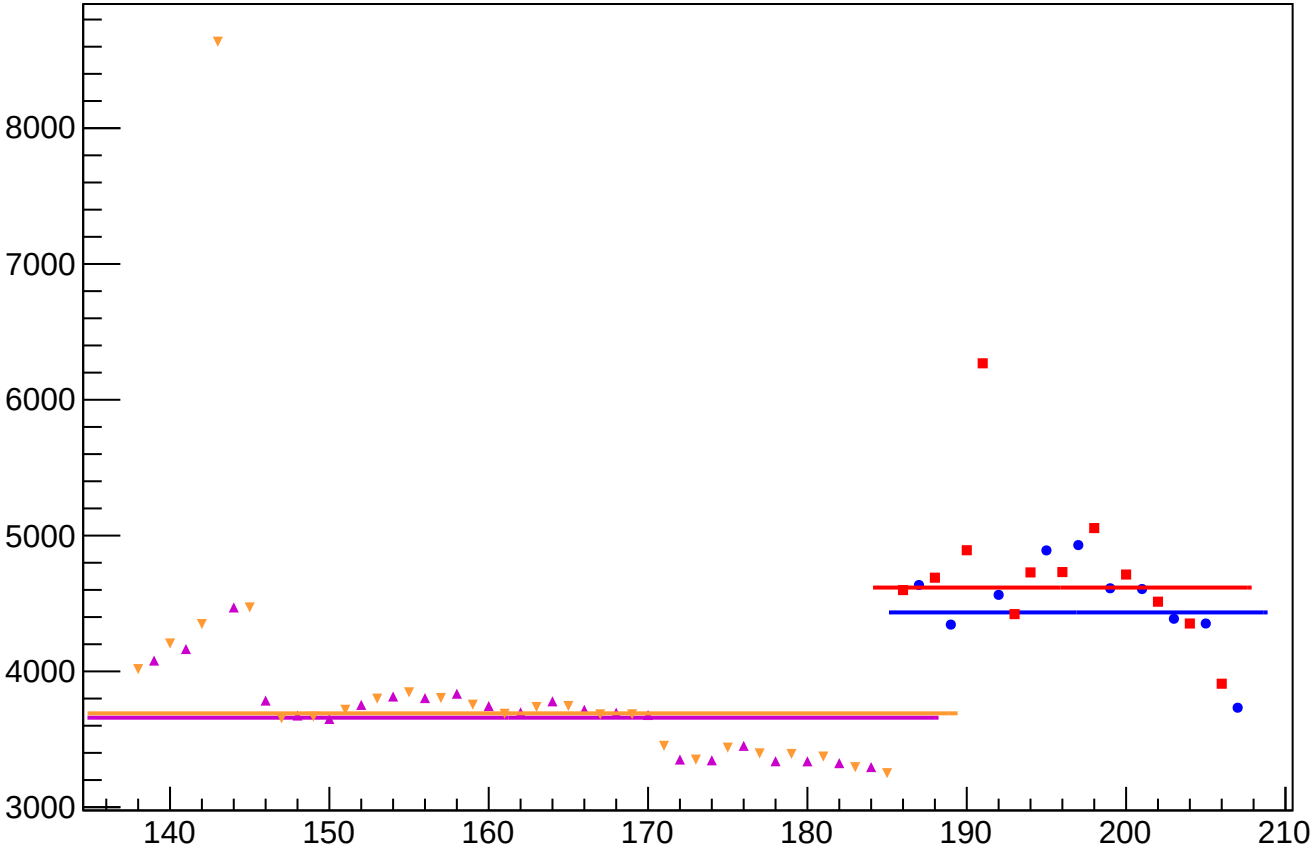
Left In: 426.004+/-874.870 χ^2/NDF:21.3/22

+ sign -5.691+/-775.598 χ^2/NDF: 40.9/34

All: -65.784+/-548.081 χ^2/NDF: 76.0/69

- sign -125.725+/-774.609 χ^2/NDF: 35.1/34

asym_at2_dd_correction_rms vs Slug



Right In: 4434.271+/-1.211 χ^2/NDF: 96564.9/9

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

Right Out: 4617.297+/-1.178 χ^2/NDF: 72626.8/11

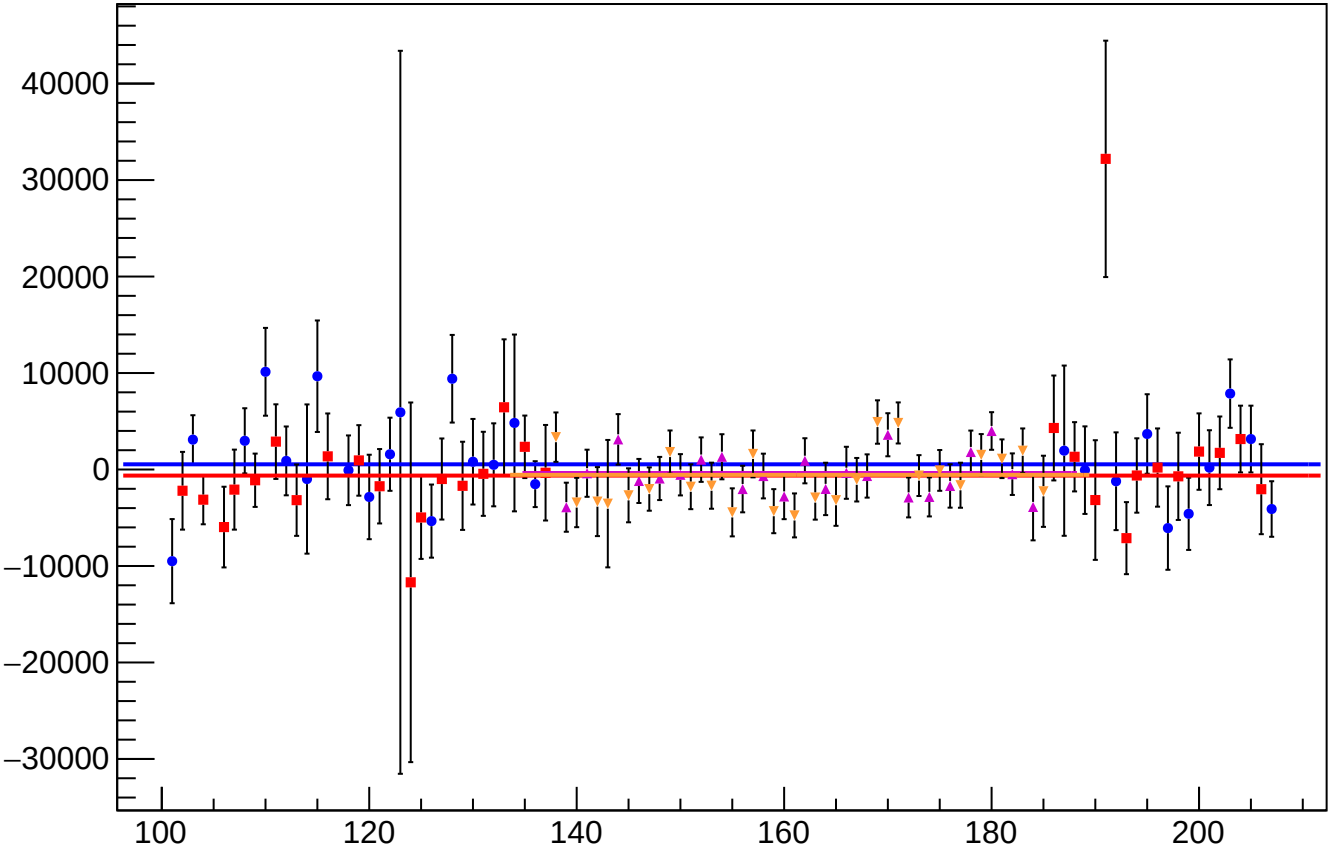
Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

+ sign 3843.574+/-0.548 χ^2/NDF: 1035338.8/34

All: 3854.866+/-0.388 χ^2/NDF: 1825286.8/69

- sign 3866.128+/-0.548 χ^2/NDF: 789101.2/34

asym_at2_dd_mean vs Slug



Right In: 538.687+/-763.551 χ^2/NDF: 34.1/26

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

Right Out: -630.242+/-740.963 χ^2/NDF: 21.6/29

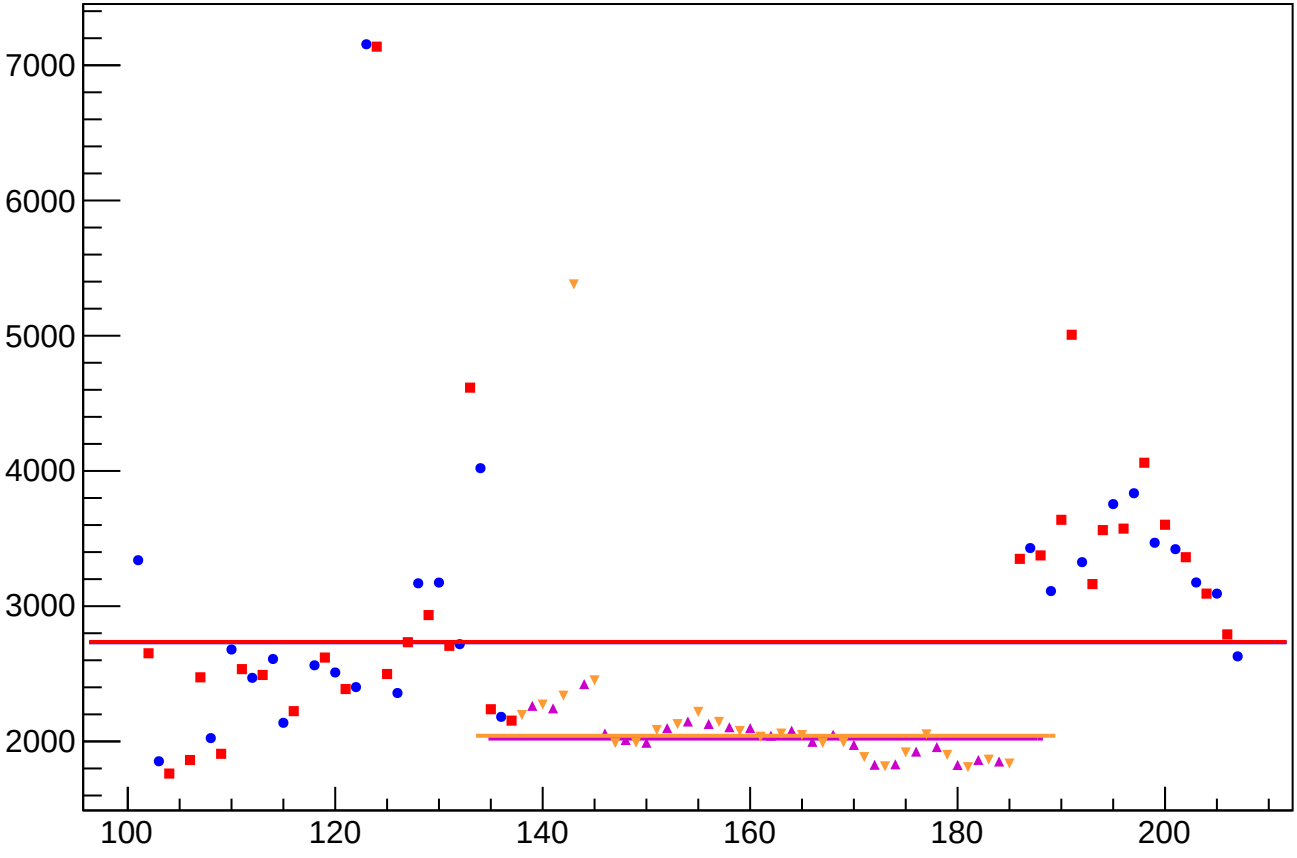
Left In: -366.243+/-483.092 χ^2/NDF:20.5/22

+ sign -241.136+/-407.360 χ^2/NDF: 69.6/51

All: -343.736+/-287.095 χ^2/NDF: 112.0/104

- sign -444.989+/-404.679 χ^2/NDF: 42.2/52

asym_at2_dd_rms vs Slug



Right In: 2732.976+/-0.540 χ^2/NDF: 1161572.6/26

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

Right Out: 2735.568+/-0.524 χ^2/NDF: 1713009.0/29

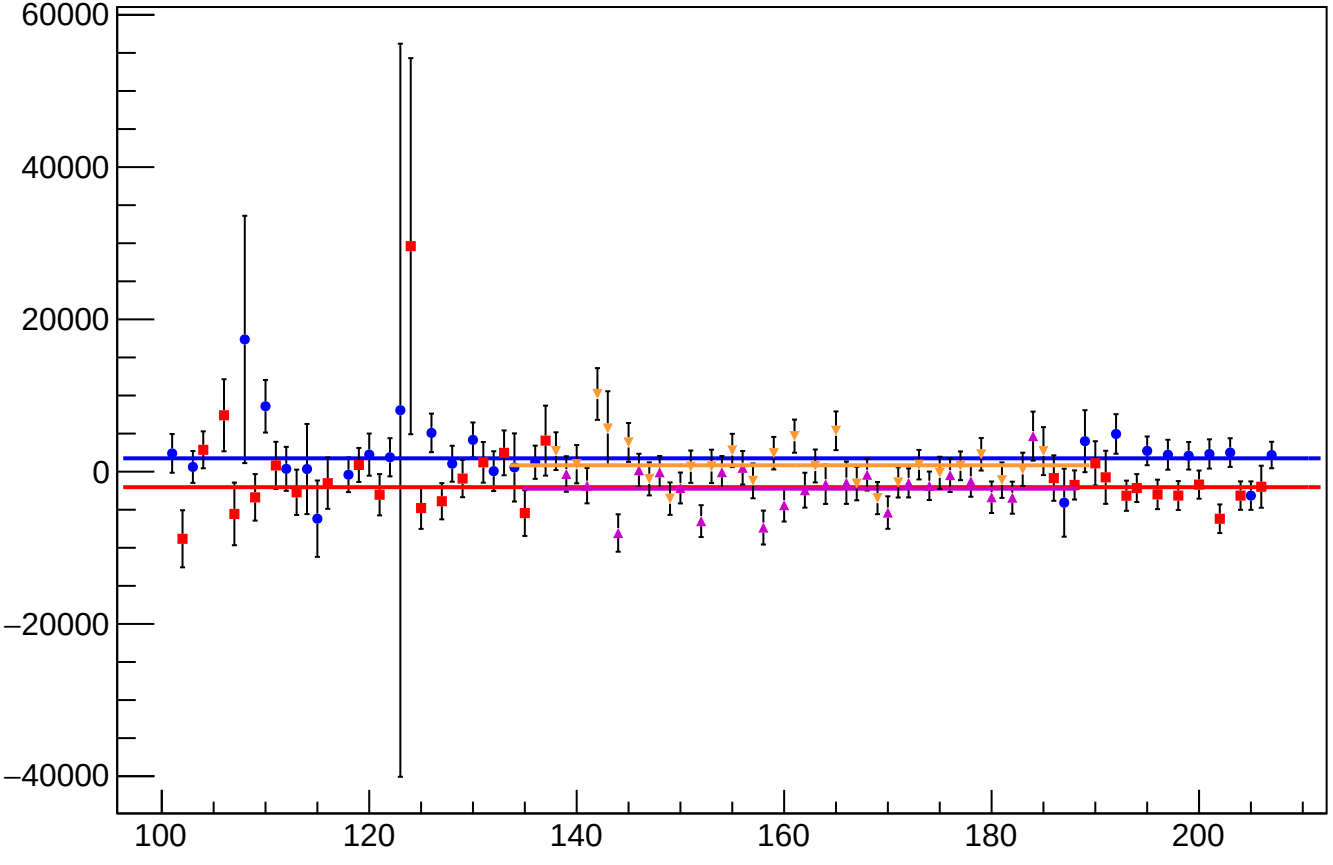
Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

+ sign 2238.517+/-0.288 χ^2/NDF: 3040855.5/51

All: 2236.340+/-0.203 χ^2/NDF: 6237706.2/10

- sign 2234.192+/-0.286 χ^2/NDF: 3196737.3/52

dit_asym_atl_avg_mean vs Slug



Right In: 1749.958+/-479.689 χ^2/NDF: 23.5/26

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

Right Out: -2037.485+/-463.175 χ^2/NDF: 33.0/29

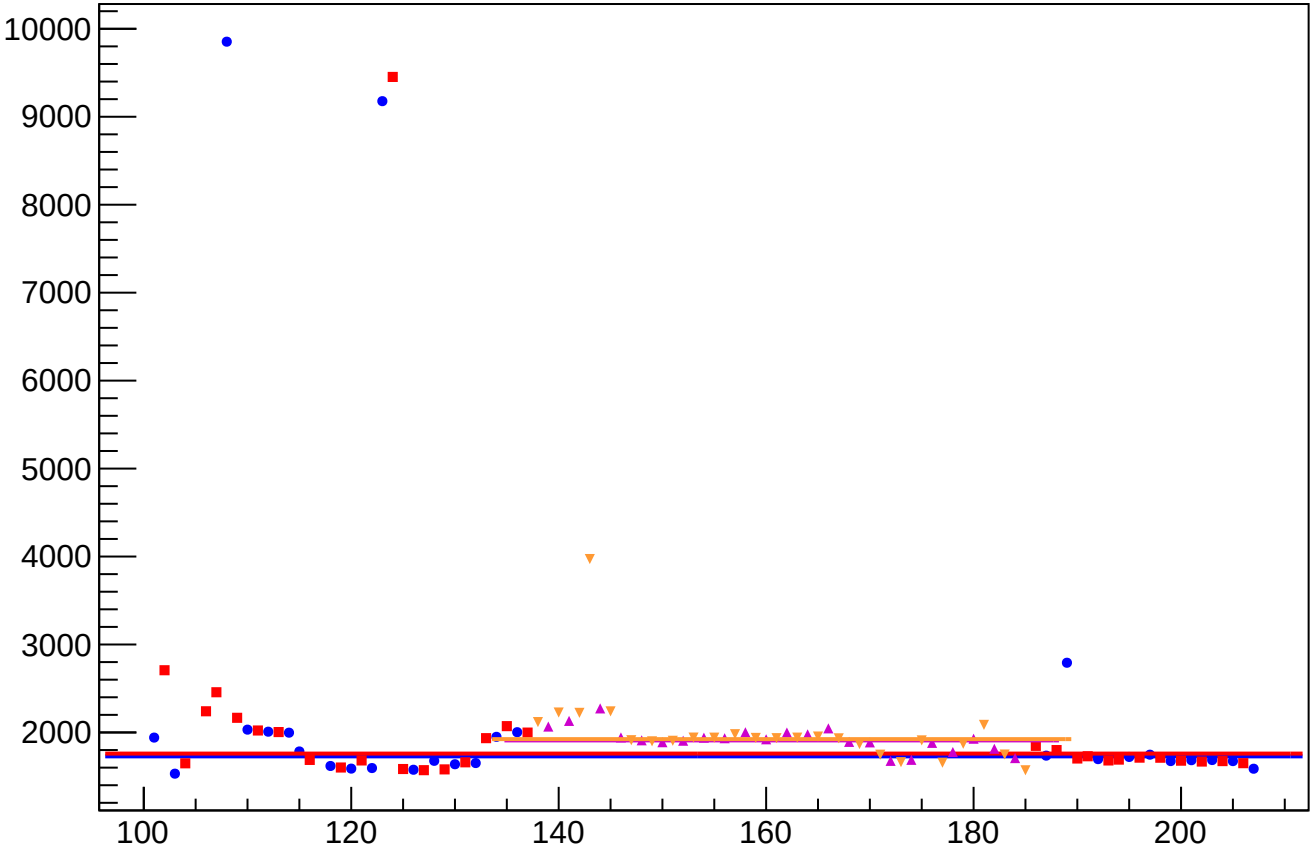
Left In: -2235.652+/-457.720 χ^2/NDF:31.0/22

+ sign 1269.107+/-329.926 χ^2/NDF: 57.7/51

All: -456.967+/-231.737 χ^2/NDF: 175.8/104

- sign -2137.742+/-325.568 χ^2/NDF: 64.1/52

dit_asym_atl_avg_rms vs Slug



Right In: 1728.177+/-0.339 χ^2/NDF: 839742.2/26

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

Right Out: 1759.698+/-0.327 χ^2/NDF: 578168.1/29

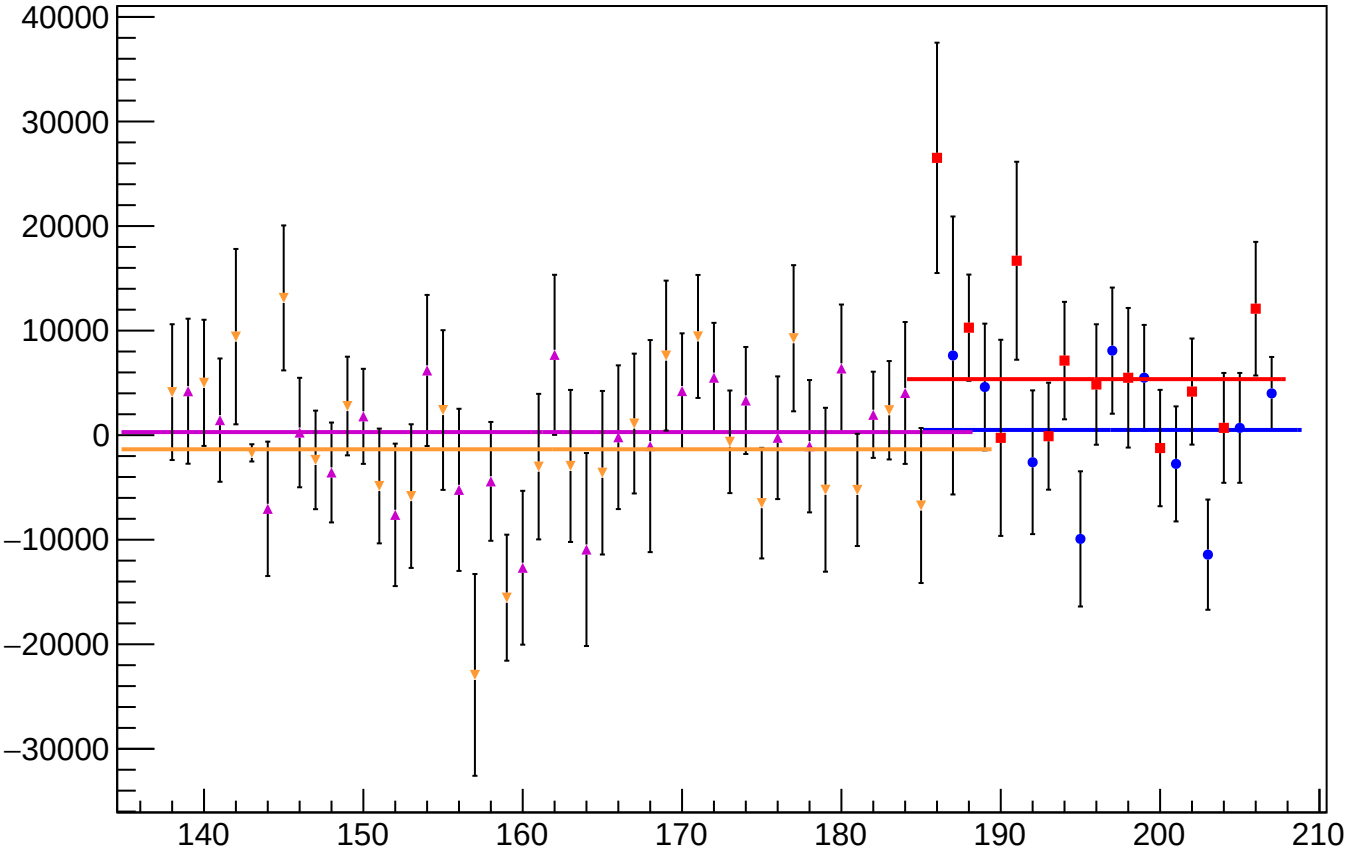
Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

+ sign 1831.405+/-0.233 χ^2/NDF: 1599450.6/51

All: 1833.494+/-0.164 χ^2/NDF: 2448371.3/10

- sign 1835.527+/-0.230 χ^2/NDF: 848762.5/52

asym_atl_avg_correction_mean vs Slug



Right In: 499.415+/-1734.978 χ^2/NDF: 12.6/9

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

Right Out: 5358.828+/-1757.203 χ^2/NDF: 11.0/11

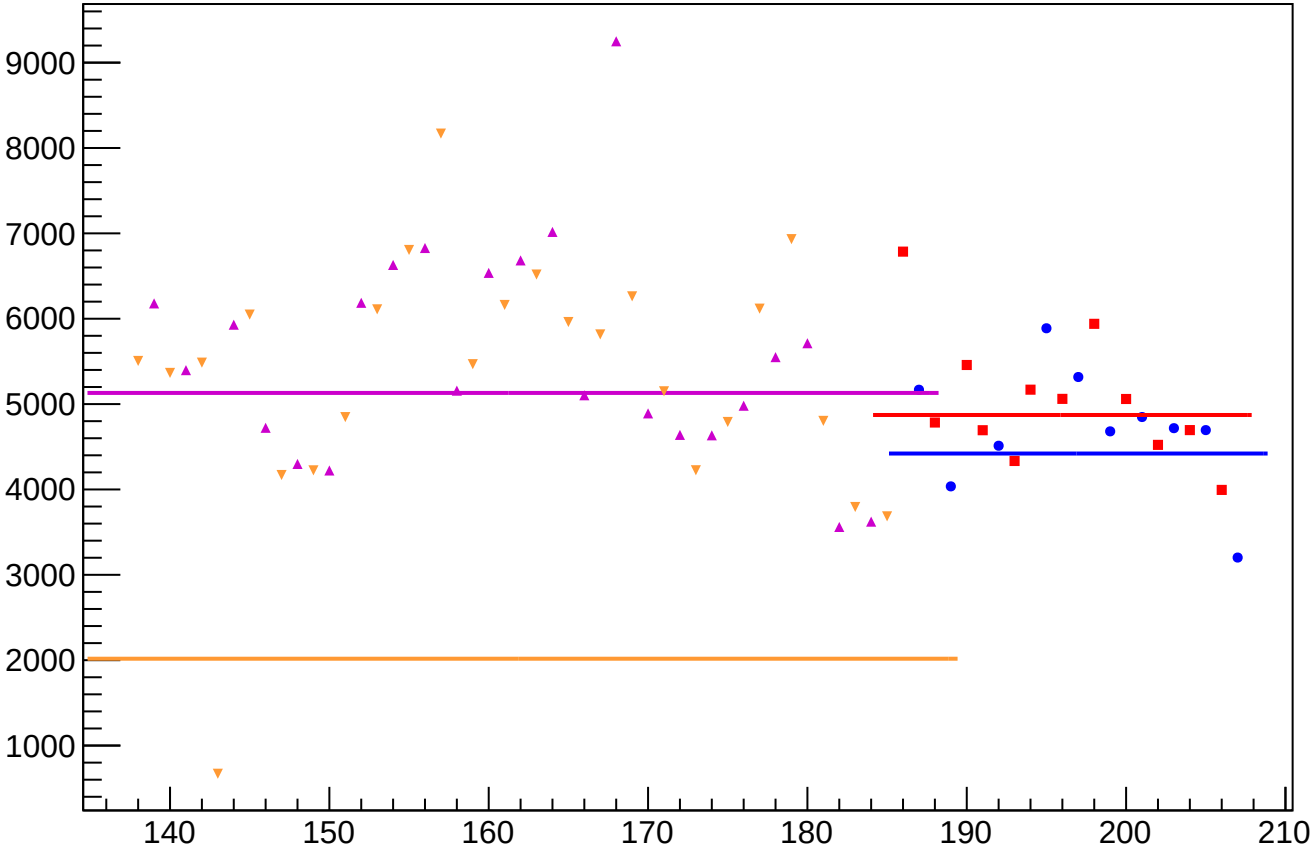
Left In: 294.047+/-1252.274 χ^2/NDF:14.5/22

+ sign -1096.659+/-641.684 χ^2/NDF: 44.5/34

All: -218.380+/-543.114 χ^2/NDF: 82.1/69

- sign 1999.936+/-1019.805 χ^2/NDF: 31.1/34

asym_atl_avg_correction_rms vs Slug



Right In: 4420.872+/-1.227 χ^2/NDF: 435595.0/9

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

Right Out: 4872.376+/-1.243 χ^2/NDF: 202296.8/11

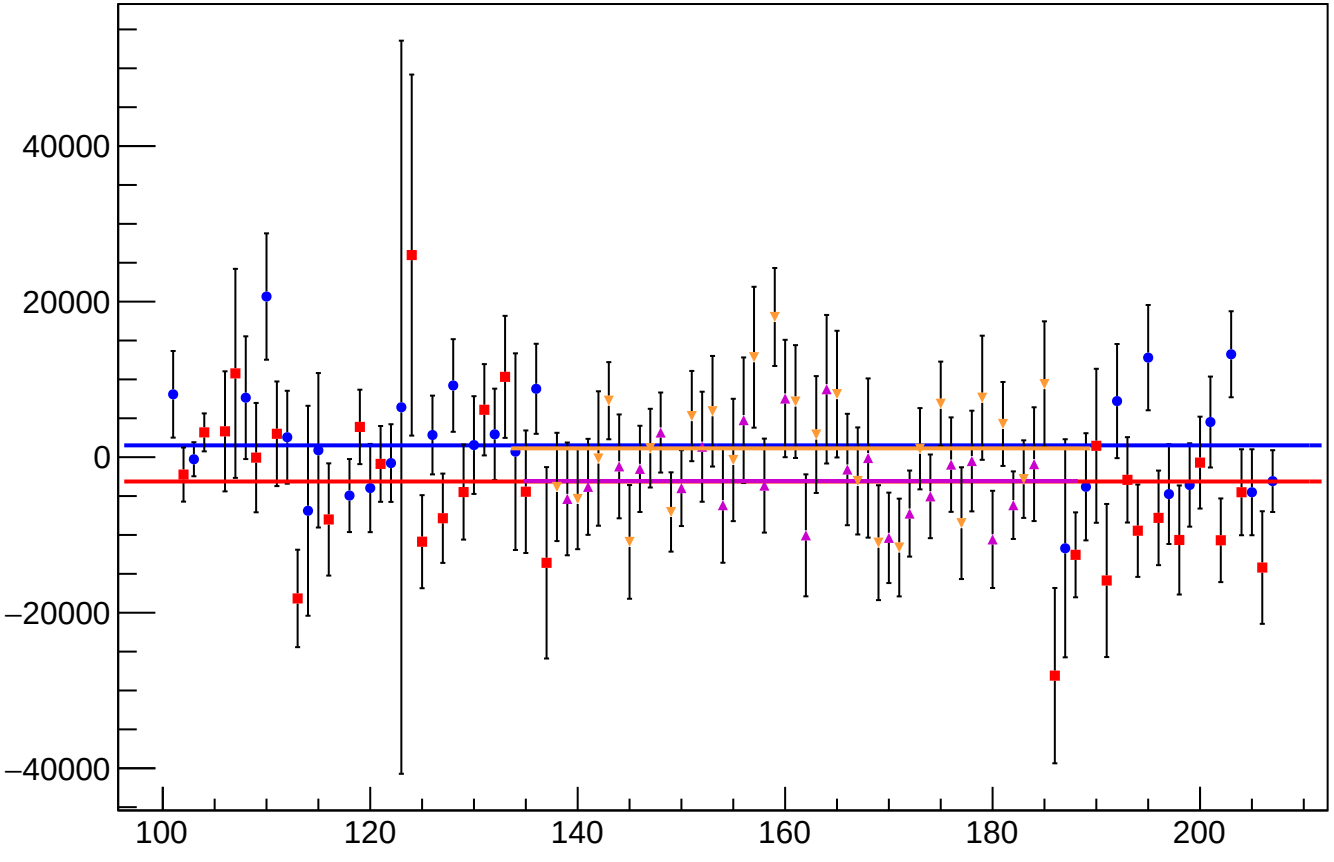
Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

+ sign 2346.037+/-0.454 χ^2/NDF: 22908880.9/34

All: 3111.177+/-0.384 χ^2/NDF: 34655496.4/6

- sign 5043.730+/-0.721 χ^2/NDF: 1720787.3/34

asym_atl_avg_mean vs Slug



Right In: 1518.113+/-1069.532 χ^2/NDF: 29.1/26

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

Right Out: -3128.435+/-1062.159 χ^2/NDF: 45.5/29

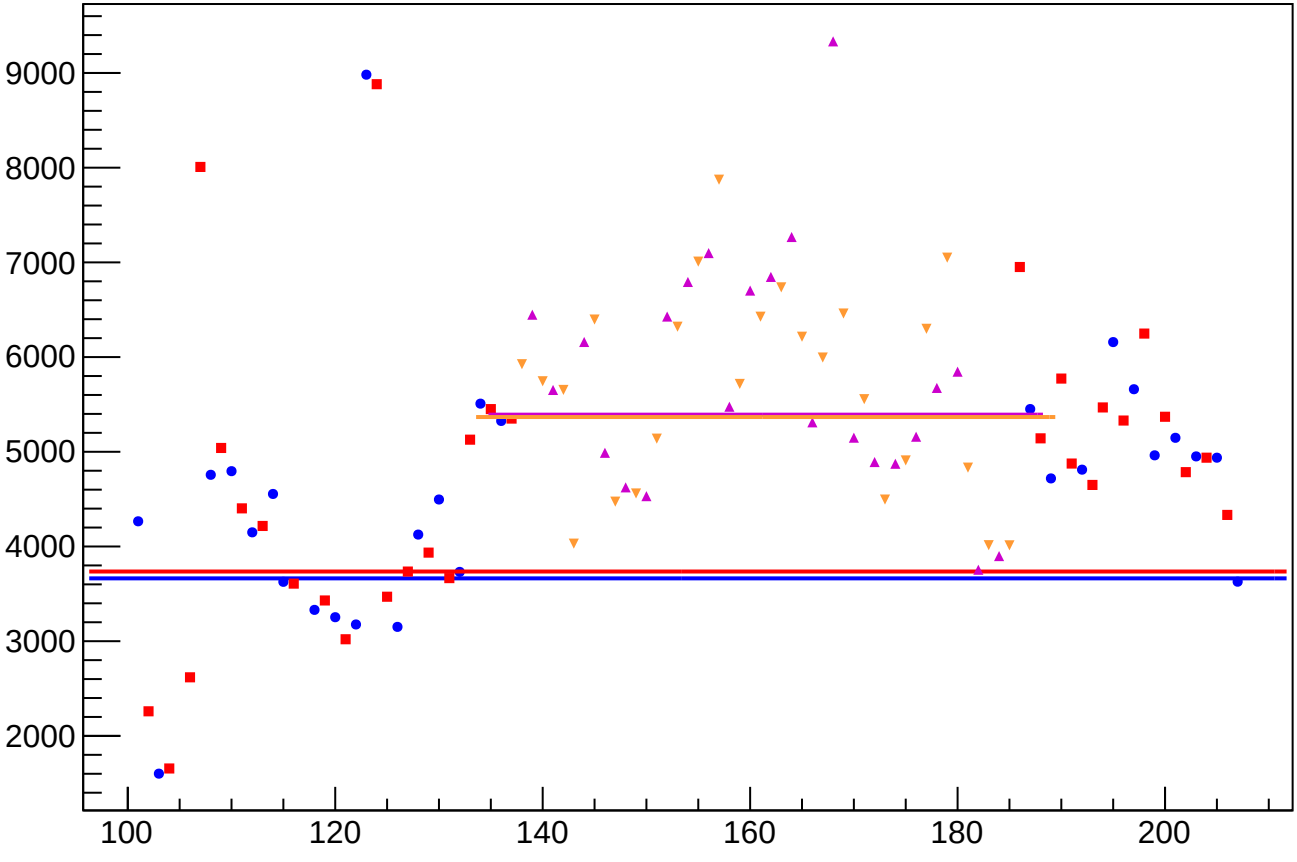
Left In: -3061.439+/-1313.197 χ^2/NDF:12.3/22

+ sign 1359.605+/-820.788 χ^2/NDF: 61.6/51

All: -857.491+/-582.161 χ^2/NDF: 134.0/104

- sign -3101.939+/-825.836 χ^2/NDF: 57.8/52

asym_atl_avg_rms vs Slug



Right In: 3663.369+/-0.756 χ^2/NDF: 3293818.7/26

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

Right Out: 3735.802+/-0.744 χ^2/NDF: 3914494.2/29

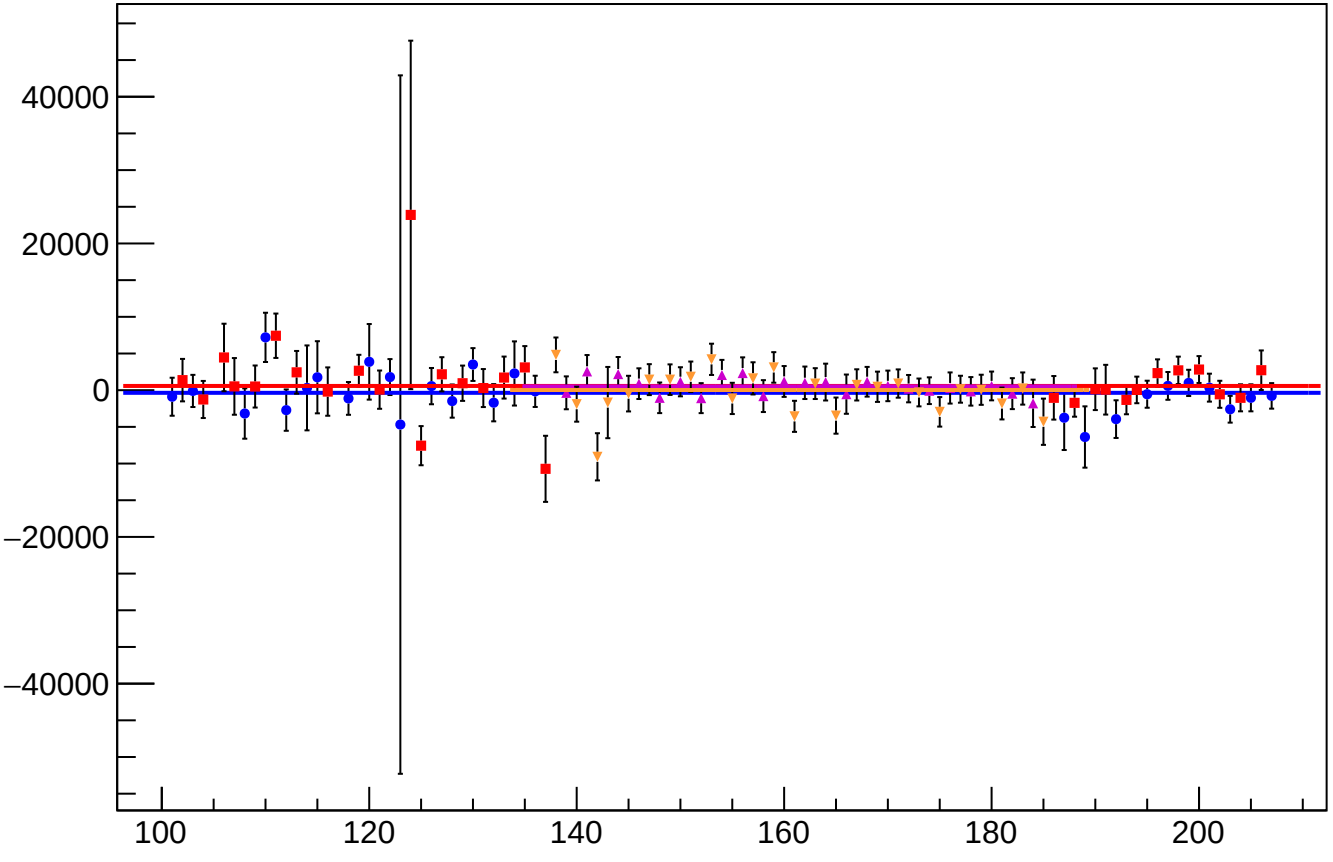
Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

+ sign 4363.628+/-0.580 χ^2/NDF: 6593127.7/51

All: 4373.260+/-0.410 χ^2/NDF: 13766839.7/1

- sign 4382.894+/-0.580 χ^2/NDF: 7173161.1/52

dit_asym_atl_dd_mean vs Slug



Right In: -358.558+/-473.078 χ^2/NDF: 19.6/26

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

Right Out: 577.775+/-452.025 χ^2/NDF: 34.1/29

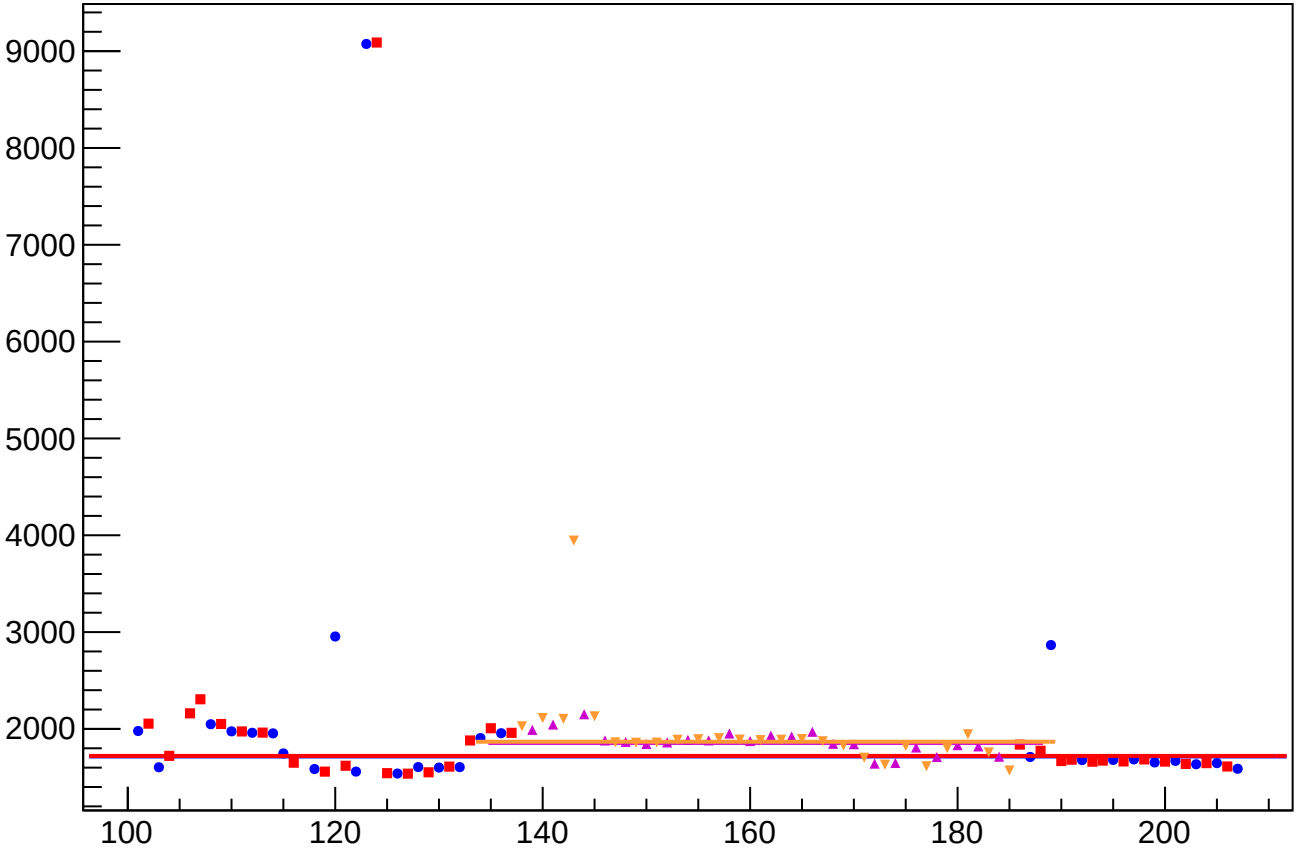
Left In: 514.693+/-444.402 χ^2/NDF:5.9/22

+ sign -154.086+/-322.471 χ^2/NDF: 51.6/51

All: 201.902+/-226.026 χ^2/NDF: 94.1/104

- sign 545.698+/-316.901 χ^2/NDF: 40.1/52

dit_asym_atl_dd_rms vs Slug



Right In: 1715.389+/-0.335 χ^2/NDF: 480728.7/26

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

Right Out: 1720.994+/-0.319 χ^2/NDF: 445040.7/29

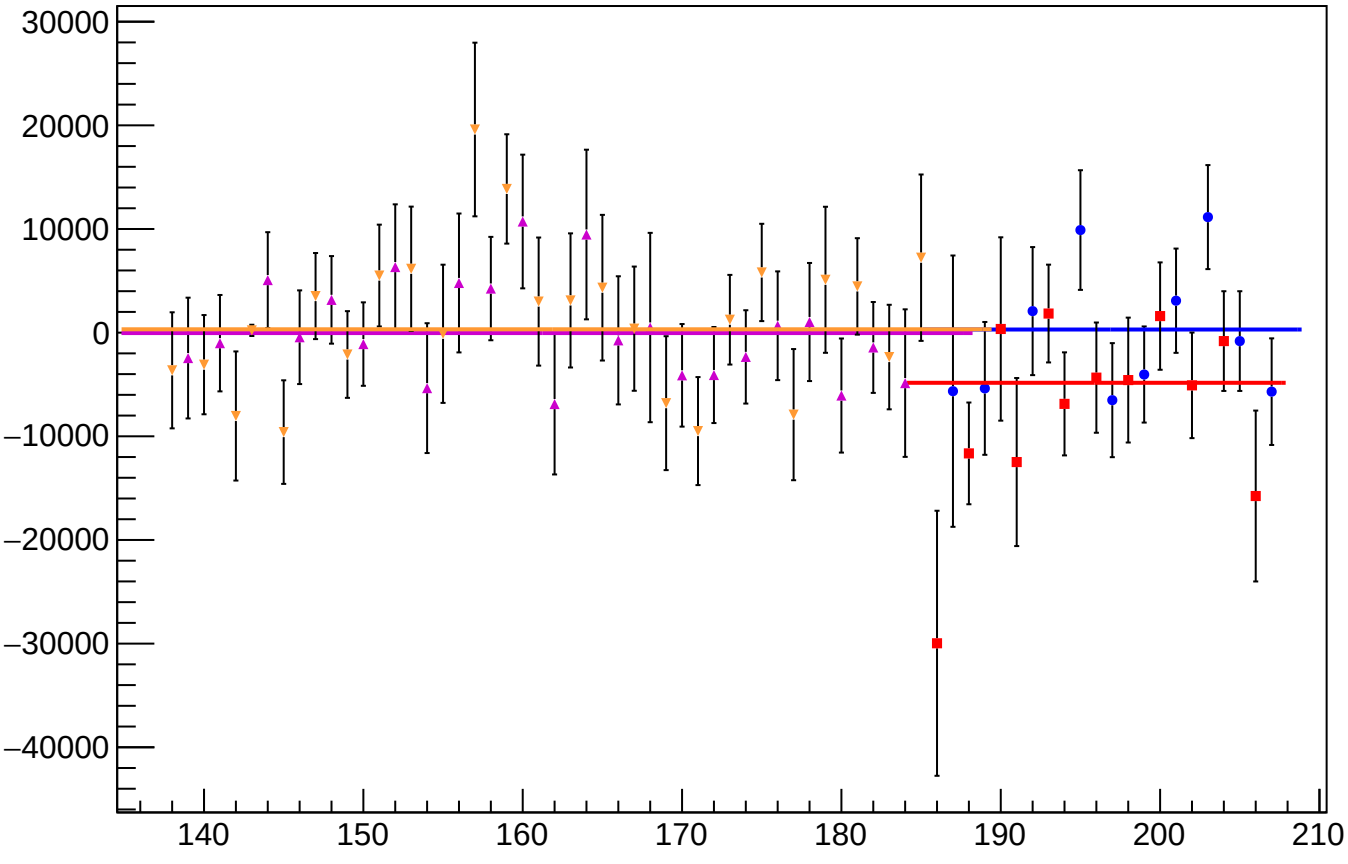
Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

+ sign 1796.844+/-0.228 χ^2/NDF: 1136824.5/51

All: 1793.022+/-0.160 χ^2/NDF: 1808722.8/10

- sign 1789.333+/-0.224 χ^2/NDF: 671346.1/52

asym_atl_dd_correction_mean vs Slug



Right In: 302.314+/-1750.742 χ^2/NDF: 12.6/9

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

Right Out: -4837.836+/-1671.865 χ^2/NDF: 13.2/11

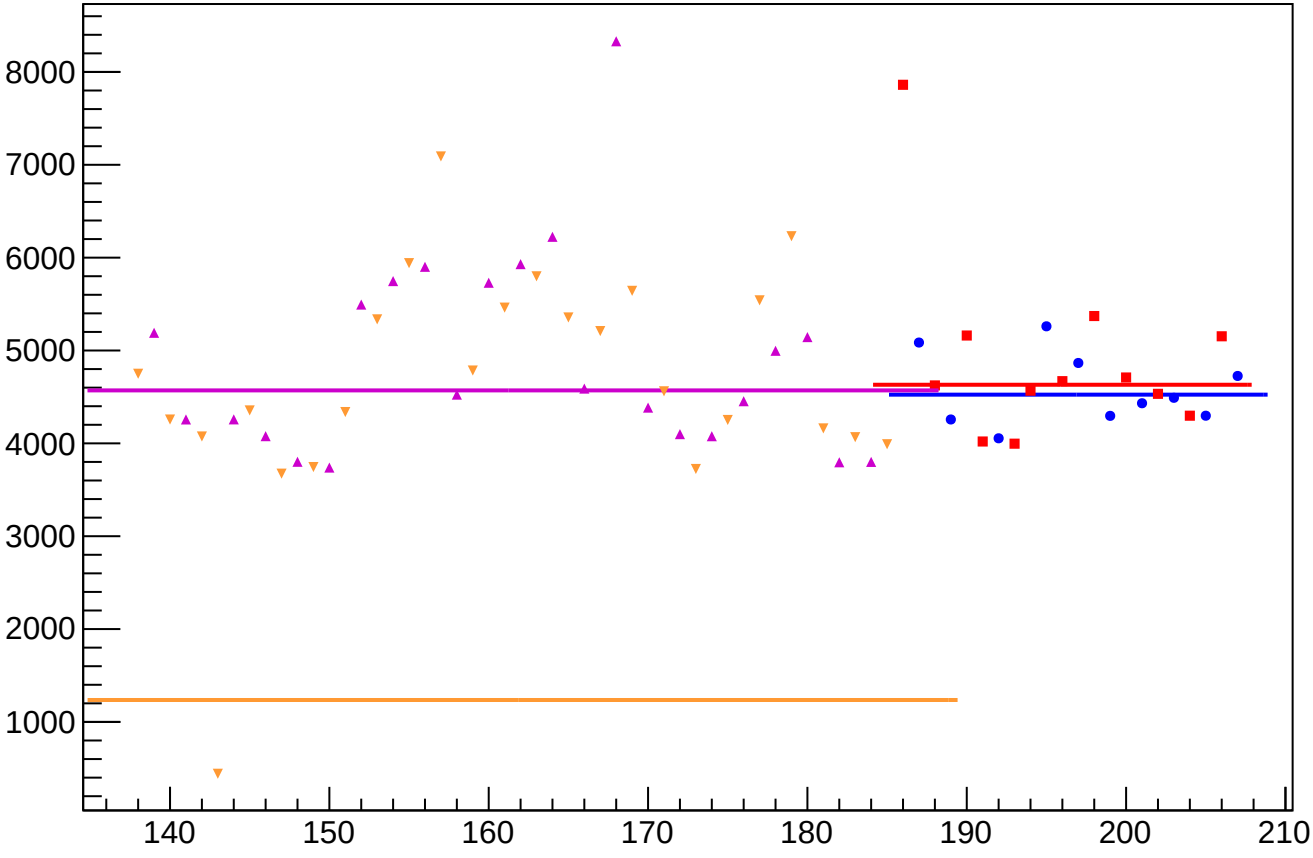
Left In: -40.142+/-1109.747 χ^2/NDF:13.9/22

+ sign 323.488+/-470.294 χ^2/NDF: 45.2/34

All: -52.859+/-419.183 χ^2/NDF: 81.1/69

- sign -1507.494+/-924.596 χ^2/NDF: 32.8/34

asym_atl_dd_correction_rms vs Slug



Right In: 4524.551+/-1.238 χ^2/NDF: 72082.3/9

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

Right Out: 4631.178+/-1.182 χ^2/NDF: 231894.6/11

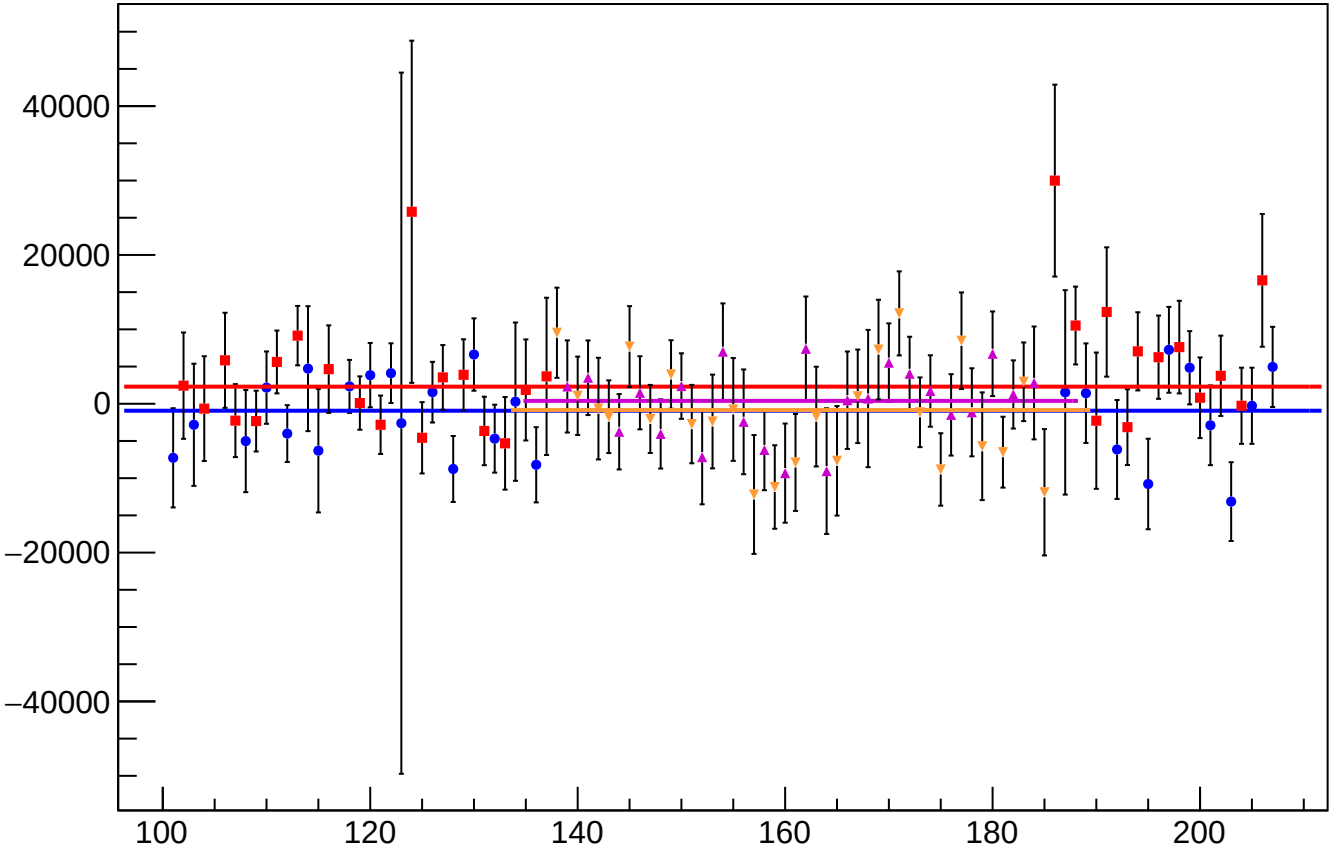
Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

+ sign 1473.458+/-0.333 χ^2/NDF: 30014684.4/34

All: 2113.835+/-0.296 χ^2/NDF: 49434585.6/6

- sign 4588.987+/-0.654 χ^2/NDF: 1378941.1/34

asym_atl_dd_mean vs Slug



Right In: -934.927+/-1034.617 χ^2/NDF: 29.0/26

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

Right Out: 2300.446+/-989.526 χ^2/NDF: 29.7/29

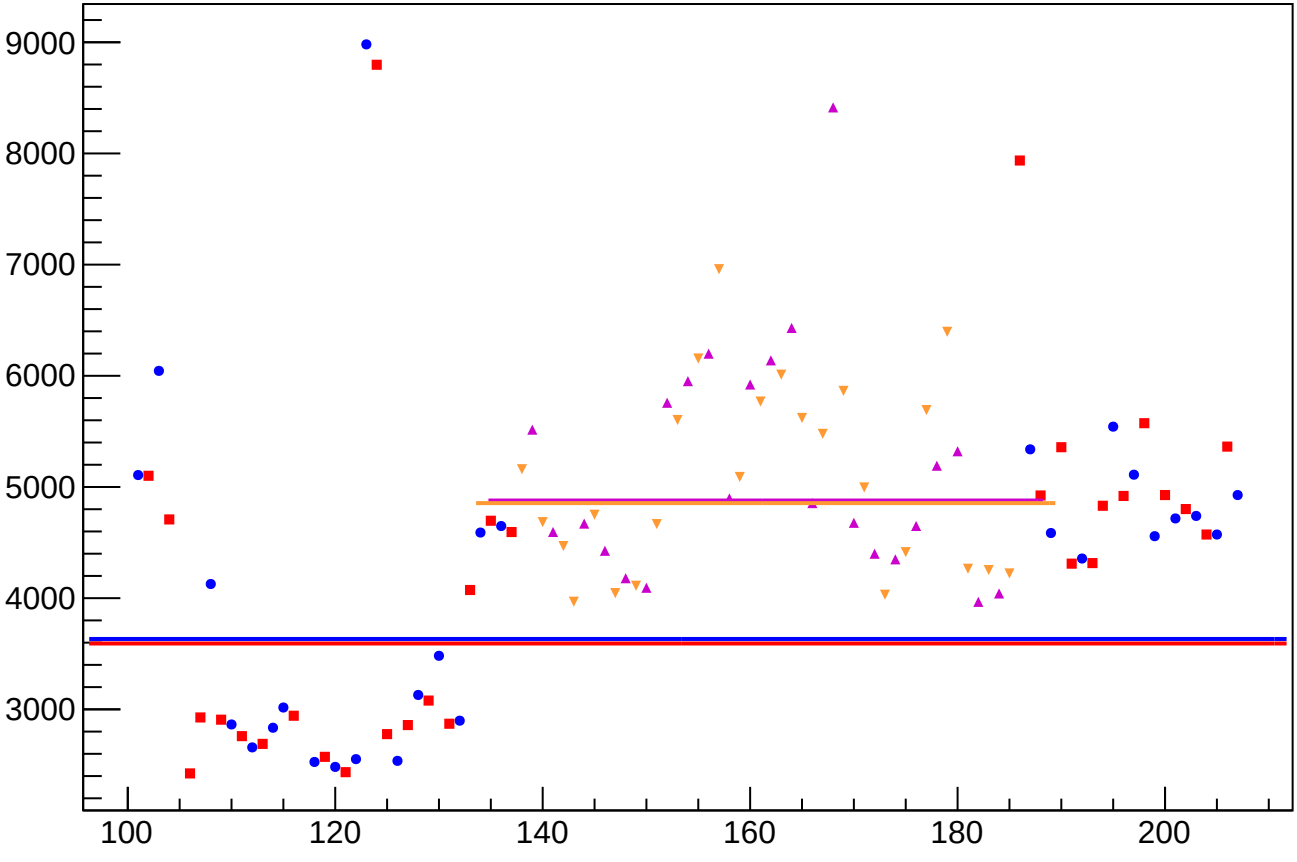
Left In: 385.098+/-1181.458 χ^2/NDF:13.9/22

+ sign -894.993+/-769.951 χ^2/NDF: 59.0/51

All: 325.762+/-540.380 χ^2/NDF: 109.2/104

- sign 1510.791+/-758.601 χ^2/NDF: 45.2/52

asym_atl_dd_rms vs Slug



Right In: 3633.041+/-0.732 χ^2/NDF: 2163077.7/26

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

Right Out: 3592.407+/-0.694 χ^2/NDF: 2545686.7/29

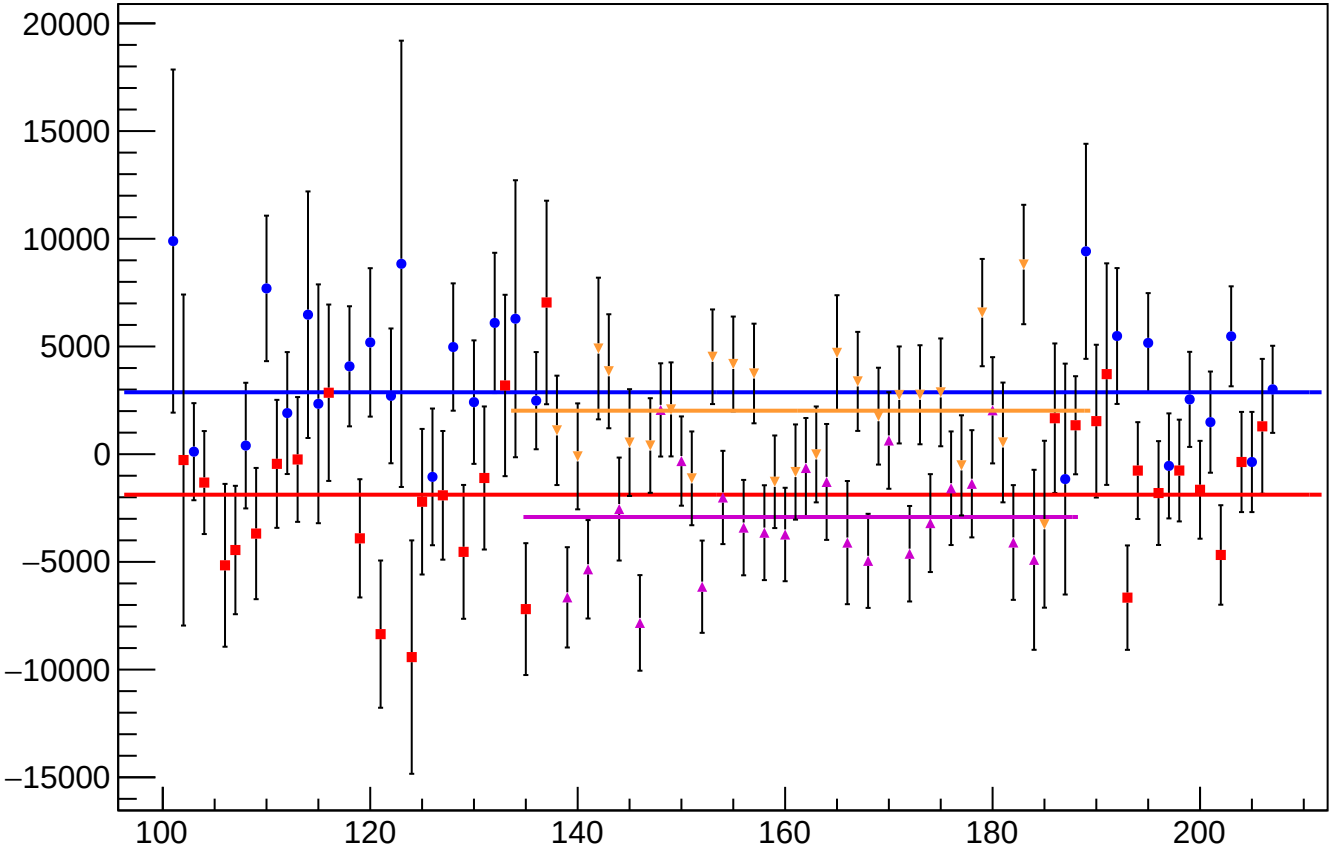
Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

+ sign 4178.224+/-0.544 χ^2/NDF: 4303289.8/51

All: 4147.067+/-0.381 χ^2/NDF: 9222931.6/10

- sign 4117.130+/-0.534 χ^2/NDF: 4913219.9/52

dit_asym_atr_avg_mean vs Slug



Right In: 2874.718+/-566.764 χ^2/NDF: 19.4/26

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

Right Out: -1880.252+/-541.559 χ^2/NDF: 31.2/29

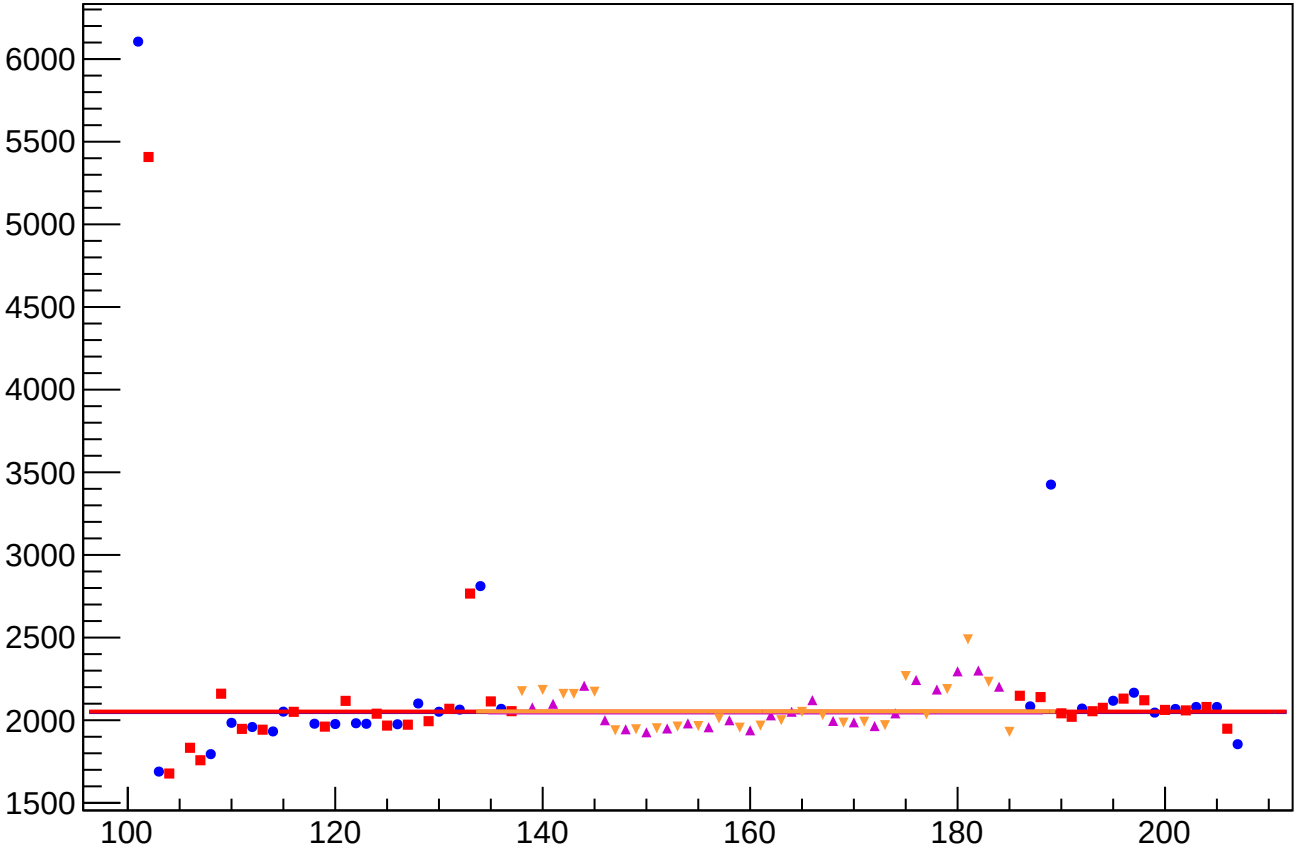
Left In: -2916.079+/-489.445 χ^2/NDF:28.8/22

+ sign 2377.765+/-366.882 χ^2/NDF: 47.8/51

All: -61.196+/-258.085 χ^2/NDF: 197.3/104

- sign -2450.389+/-363.120 χ^2/NDF: 62.0/52

dit_asym_atr_avg_rms vs Slug



Right In: 2049.415+/-0.401 χ^2/NDF: 799778.5/26

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

Right Out: 2052.265+/-0.383 χ^2/NDF: 540664.5/29

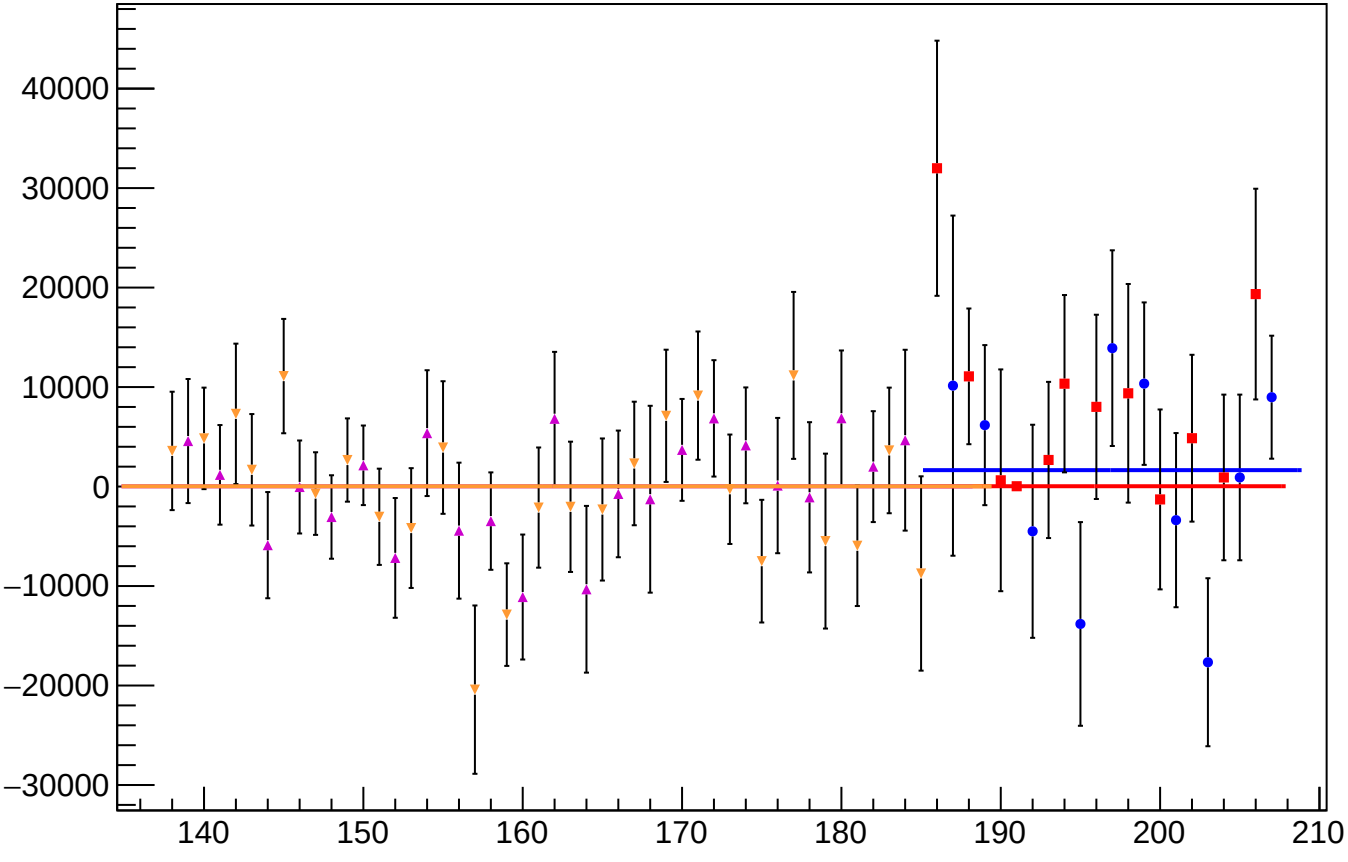
Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

+ sign 2051.670+/-0.259 χ^2/NDF: 936721.1/51

All: 2050.584+/-0.182 χ^2/NDF: 1580514.8/10

- sign 2049.520+/-0.257 χ^2/NDF: 643759.0/52

asym_atr_avg_correction_mean vs Slug



Right In: 1648.867+/-2771.975 χ^2/NDF: 12.8/9

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

Right Out: 31.826+/-15.145 χ^2/NDF: 15.4/11

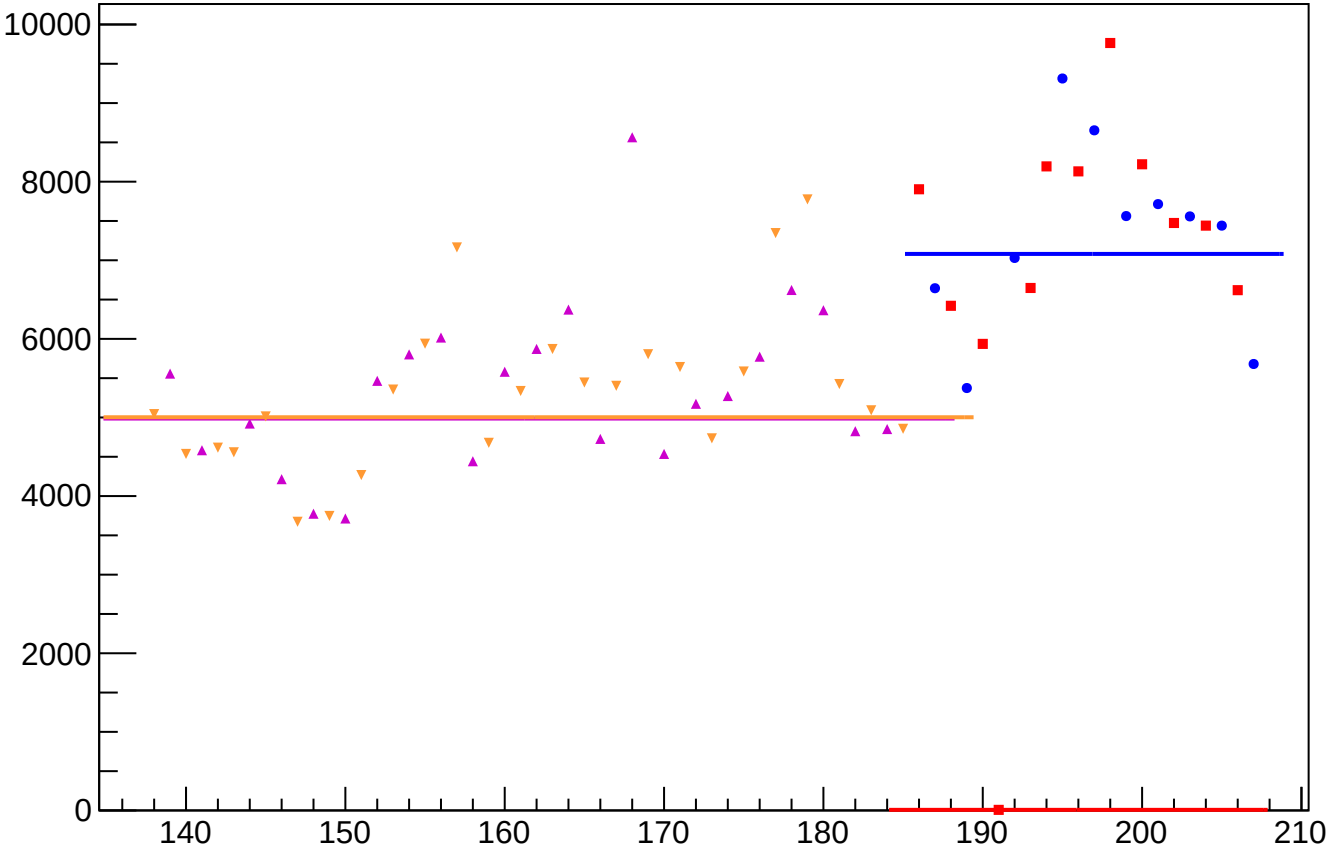
Left In: 23.765+/-1211.652 χ^2/NDF:15.2/22

+ sign 280.184+/-1097.081 χ^2/NDF: 42.4/34

All: 31.872+/-15.142 χ^2/NDF: 73.1/69

- sign 31.825+/-15.144 χ^2/NDF: 30.7/34

asym_atr_avg_correction_rms vs Slug



Right In: 7080.803+/-1.960 χ^2/NDF: 367709.5/9

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

Right Out: 7.734+/-0.011 χ^2/NDF: 14936868.2/11

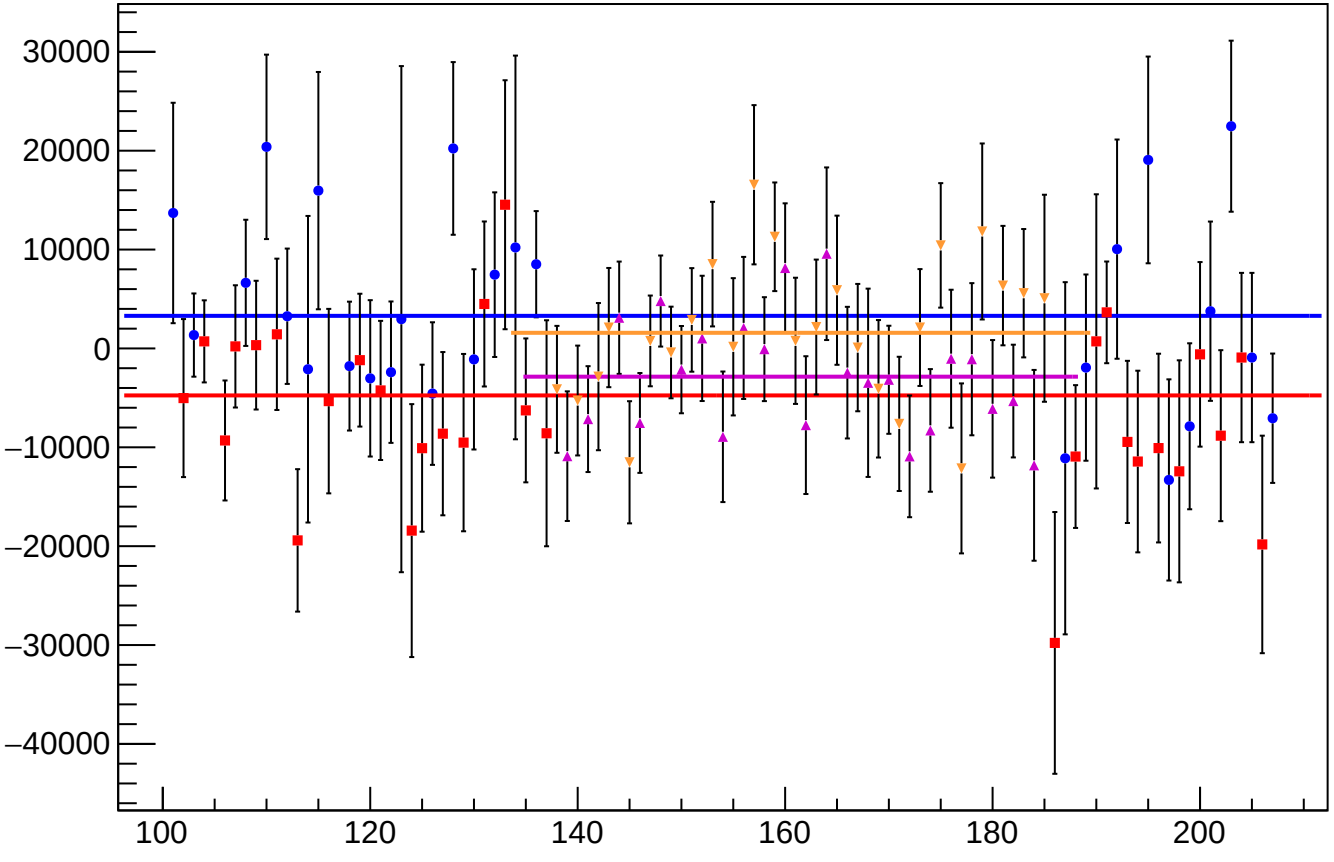
Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

+ sign 5328.092+/-0.776 χ^2/NDF: 2461415.1/34

All: 9.525+/-0.011 χ^2/NDF: 99368813.4/69

- sign 8.512+/-0.011 χ^2/NDF: 49893660.7/34

asym_atr_avg_mean vs Slug



Right In: 3296.127+/-1565.889 χ^2/NDF: 30.0/26

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

Right Out: -4752.444+/-1421.612 χ^2/NDF: 25.7/29

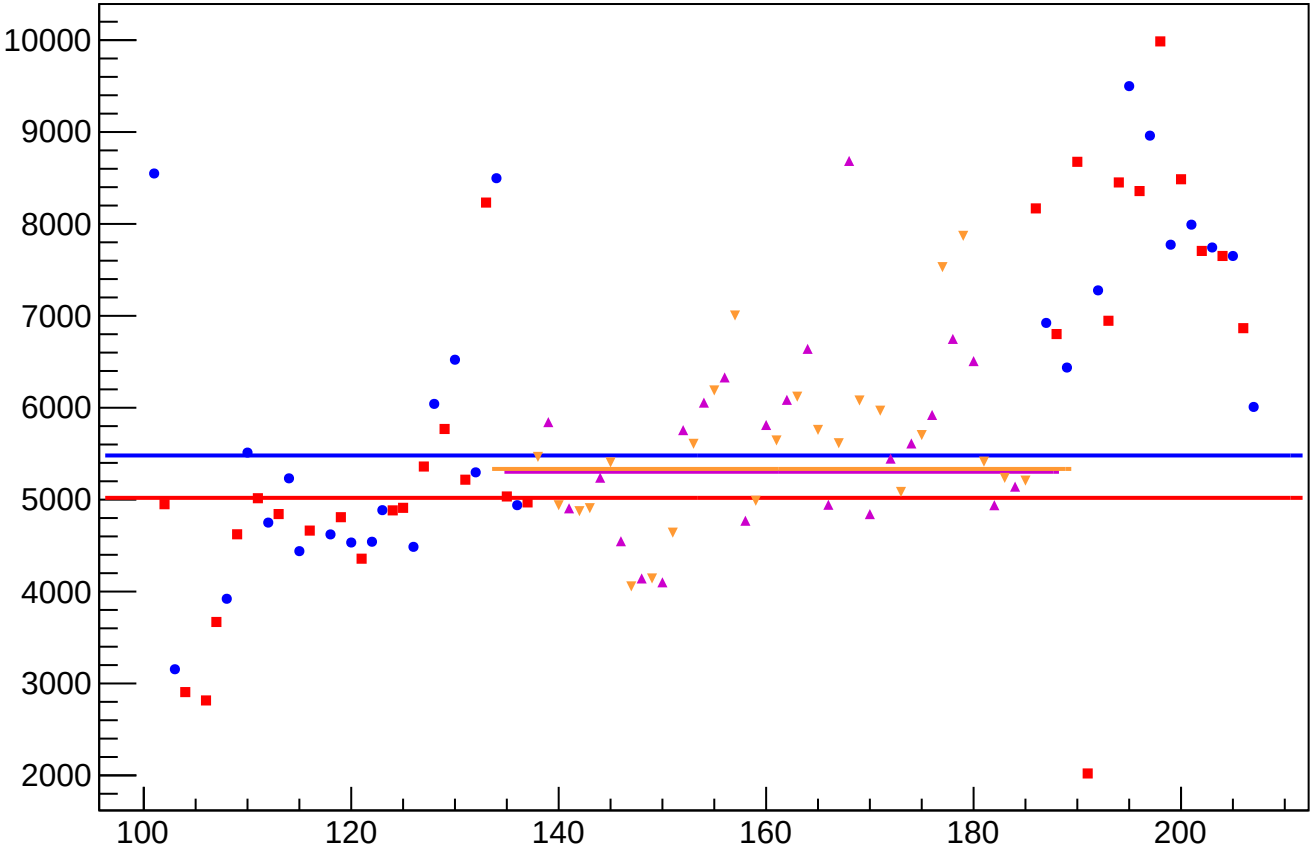
Left In: -2856.480+/-1284.131 χ^2/NDF:18.1/22

+ sign 2258.720+/-984.537 χ^2/NDF: 55.9/51

All: -822.161+/-684.723 χ^2/NDF: 119.6/104

- sign -3708.375+/-952.925 χ^2/NDF: 44.7/52

asym_atr_avg_rms vs Slug



Right In: 5480.663+/-1.107 χ^2/NDF: 2357907.2/26

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

Right Out: 5019.625+/-1.001 χ^2/NDF: 3871692.2/29

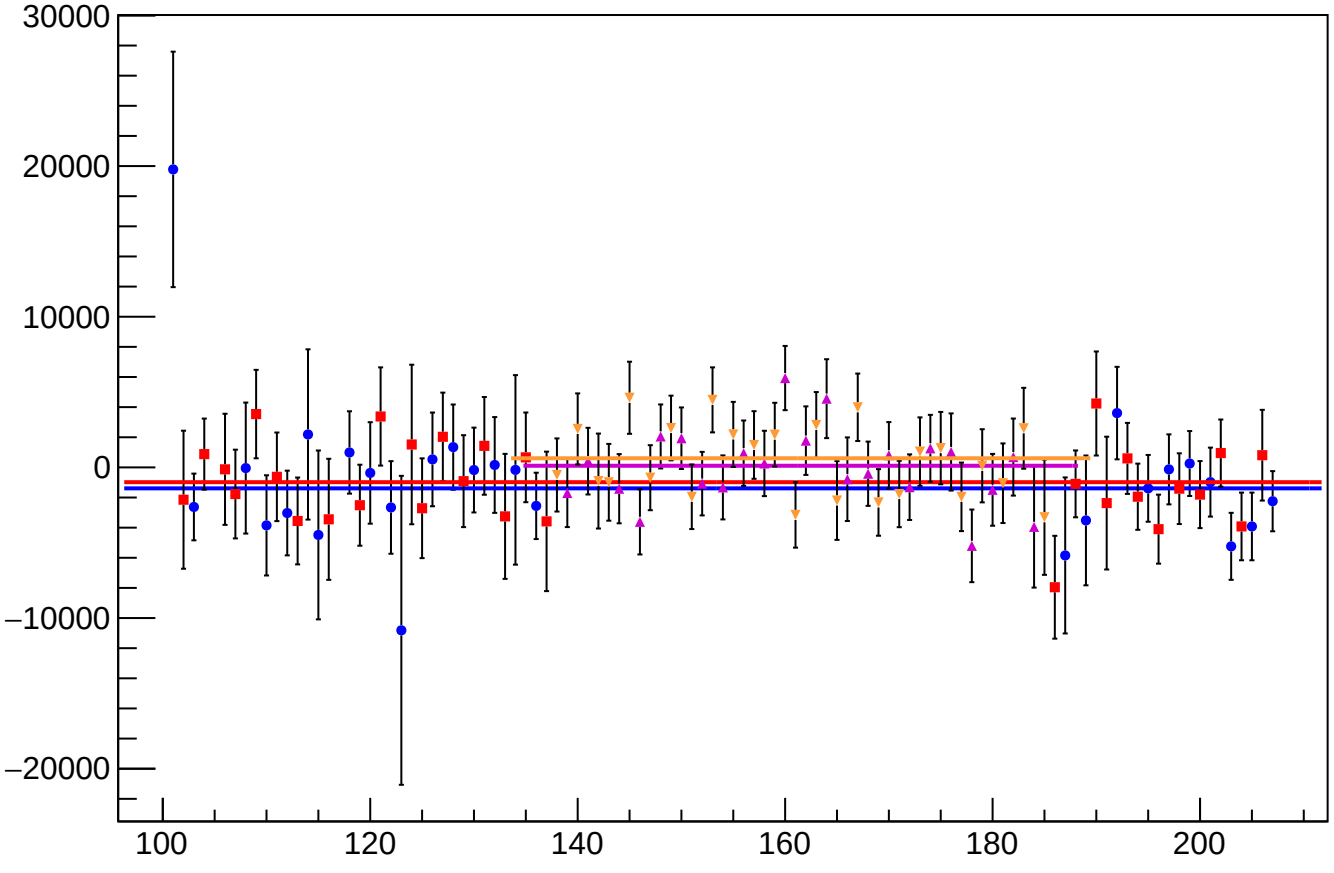
Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

+ sign 5392.111+/-0.696 χ^2/NDF: 3233898.7/51

All: 5279.976+/-0.484 χ^2/NDF: 8160162.2/10

- sign 5175.297+/-0.673 χ^2/NDF: 4876098.9/52

dit_asym_atr_dd_mean vs Slug



Right In: -1392.077+/-557.287 χ^2/NDF: 22.3/26

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

Right Out: -981.852+/-525.407 χ^2/NDF: 21.6/29

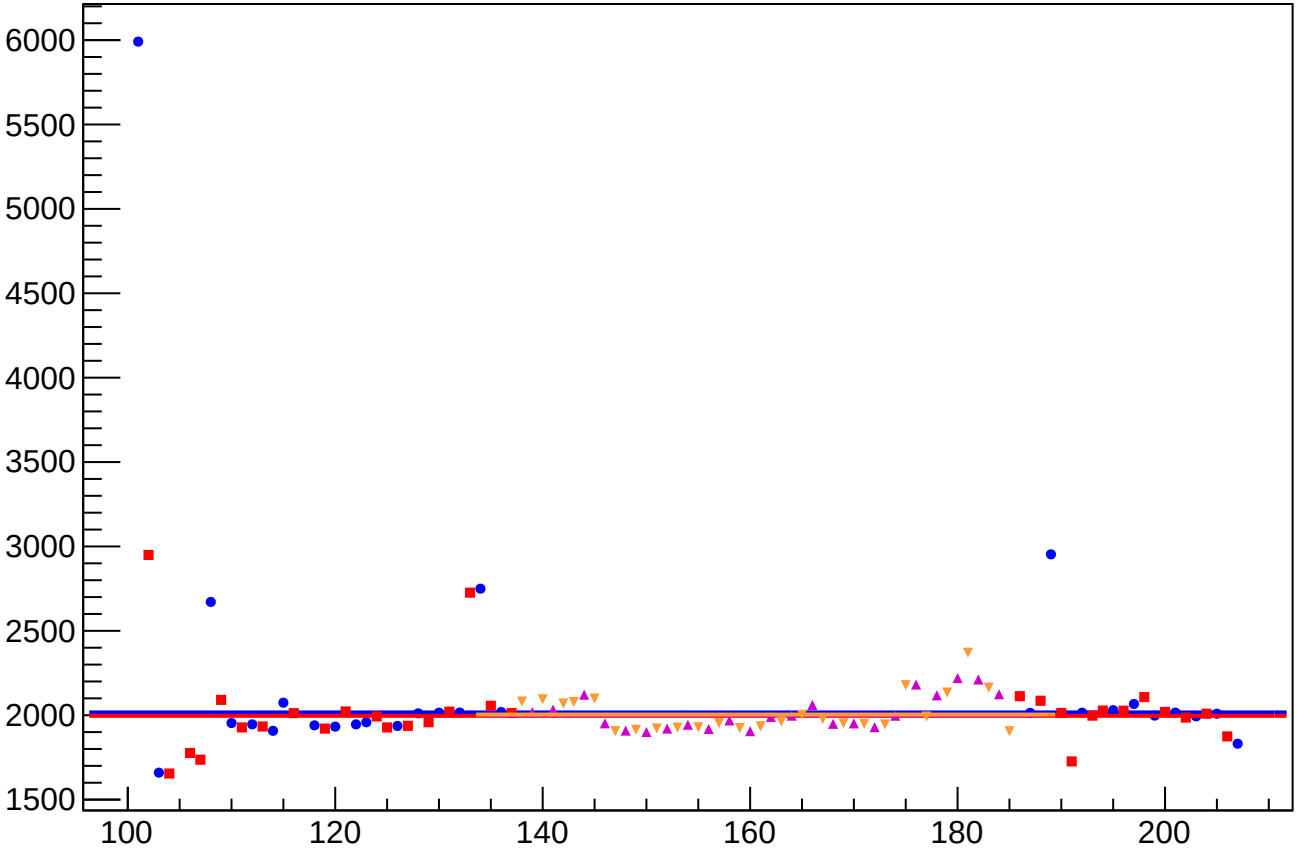
Left In: 108.365+/-477.899 χ^2/NDF:25.0/22

+ sign -223.355+/-359.015 χ^2/NDF: 55.0/51

All: -305.541+/-251.900 χ^2/NDF: 104.0/104

- sign -385.236+/-353.531 χ^2/NDF: 48.9/52

dit_asym_atr_dd_rms vs Slug



Right In: 2016.607+/-0.394 χ^2/NDF: 763248.0/26

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

Right Out: 1996.460+/-0.371 χ^2/NDF: 244380.6/29

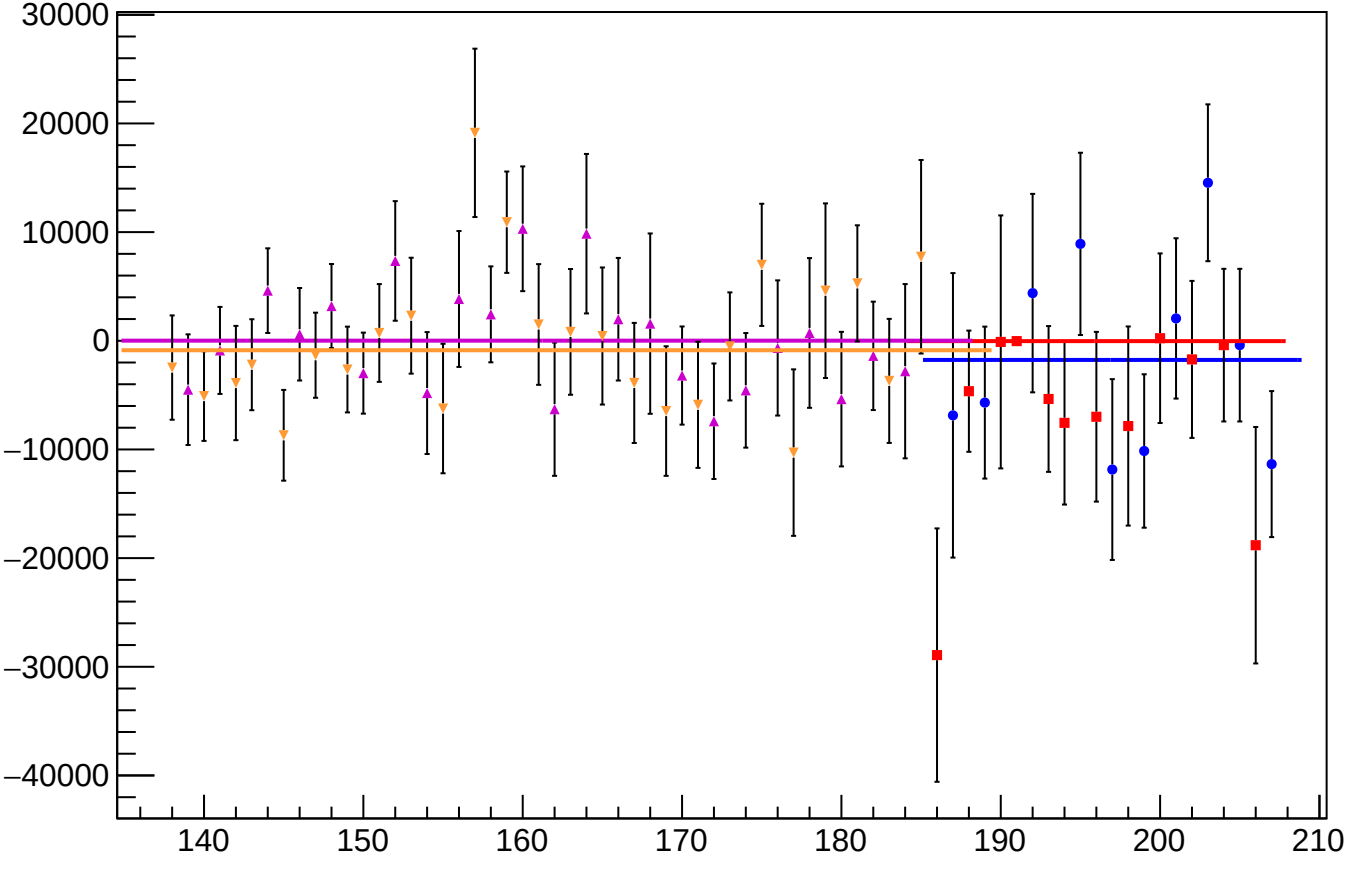
Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

+ sign 2009.225+/-0.254 χ^2/NDF: 863829.6/51

All: 2003.759+/-0.178 χ^2/NDF: 1188864.9/10

- sign 1998.461+/-0.250 χ^2/NDF: 324122.5/52

asym_atr_dd_correction_mean vs Slug



Right In: -1762.516+/-2446.880 χ^2/NDF: 12.9/9

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

Right Out: -31.260+/-14.261 χ^2/NDF: 13.0/11

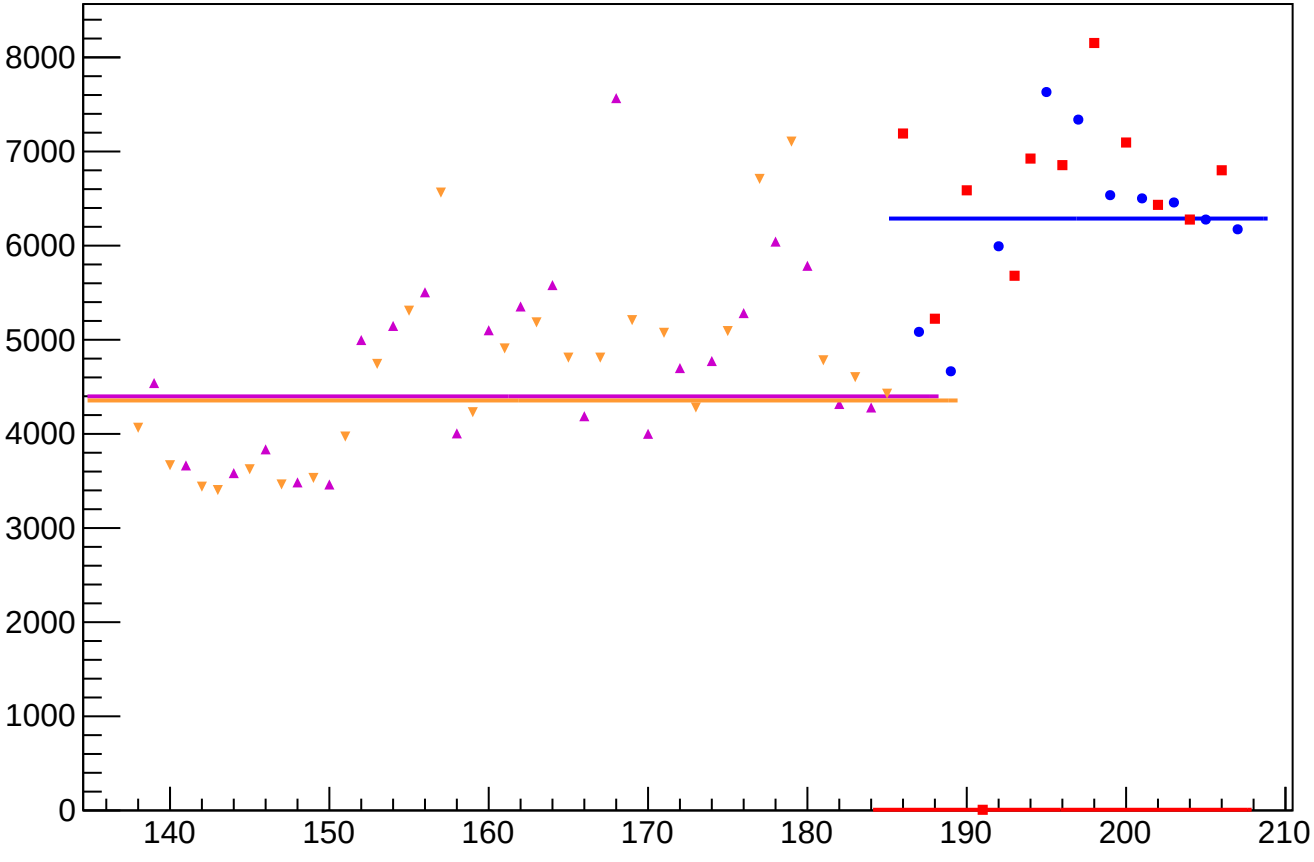
Left In: 10.945+/-1070.258 χ^2/NDF:17.2/22

+ sign -1008.415+/-959.774 χ^2/NDF: 41.3/34

All: -31.468+/-14.258 χ^2/NDF: 72.5/69

- sign -31.253+/-14.259 χ^2/NDF: 30.2/34

asym_atr_dd_correction_rms vs Slug



Right In: 6287.708+/-1.730 χ^2/NDF: 215850.7/9

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

Right Out: 7.303+/-0.010 χ^2/NDF: 14996436.4/11

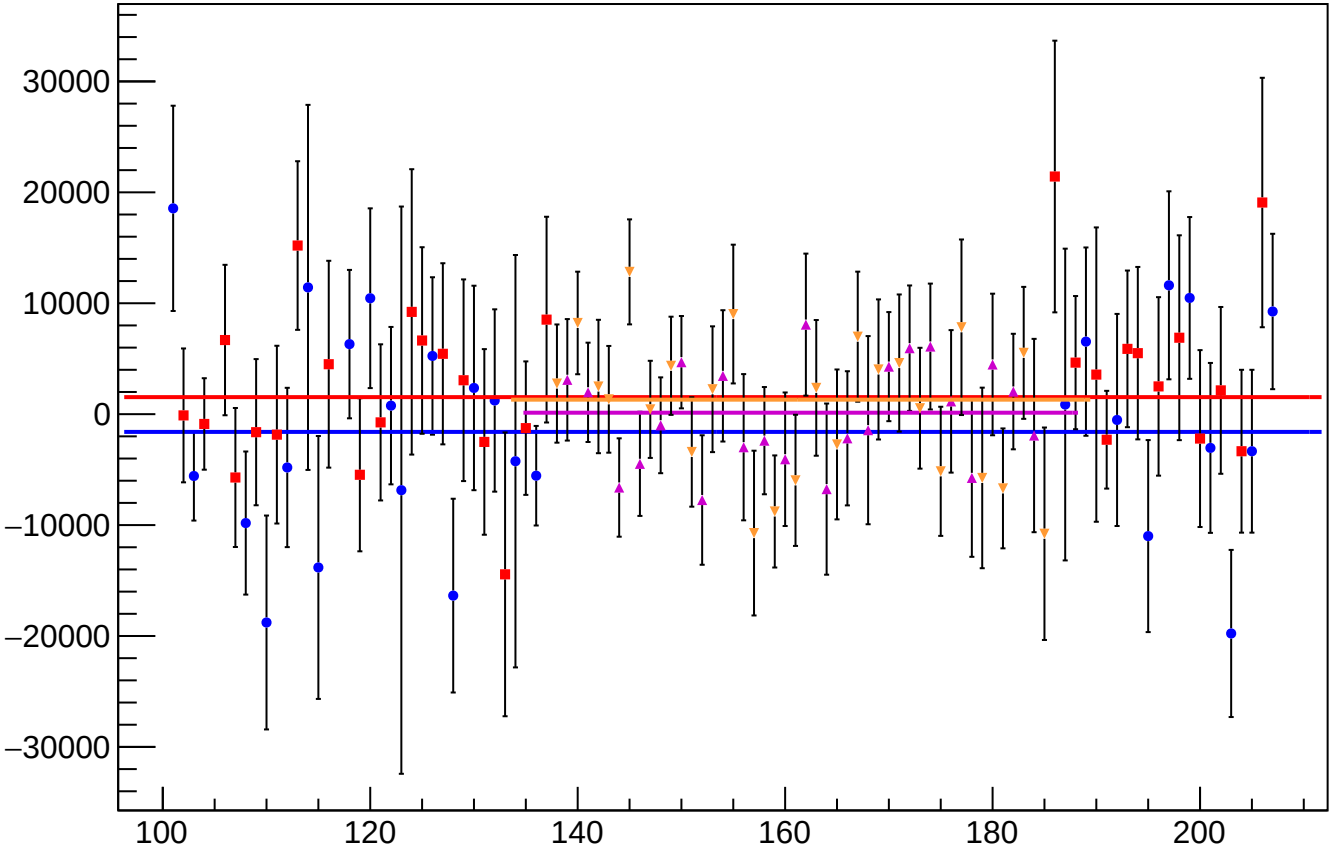
Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

+ sign 4652.529+/-0.679 χ^2/NDF: 2621921.5/34

All: 9.108+/-0.010 χ^2/NDF: 99381560.4/69

- sign 8.083+/-0.010 χ^2/NDF: 49936133.5/34

asym_atr_dd_mean vs Slug



Right In: -1599.289+/-1475.839 χ^2/NDF: 36.7/26

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

Right Out: 1536.202+/-1331.302 χ^2/NDF: 18.5/29

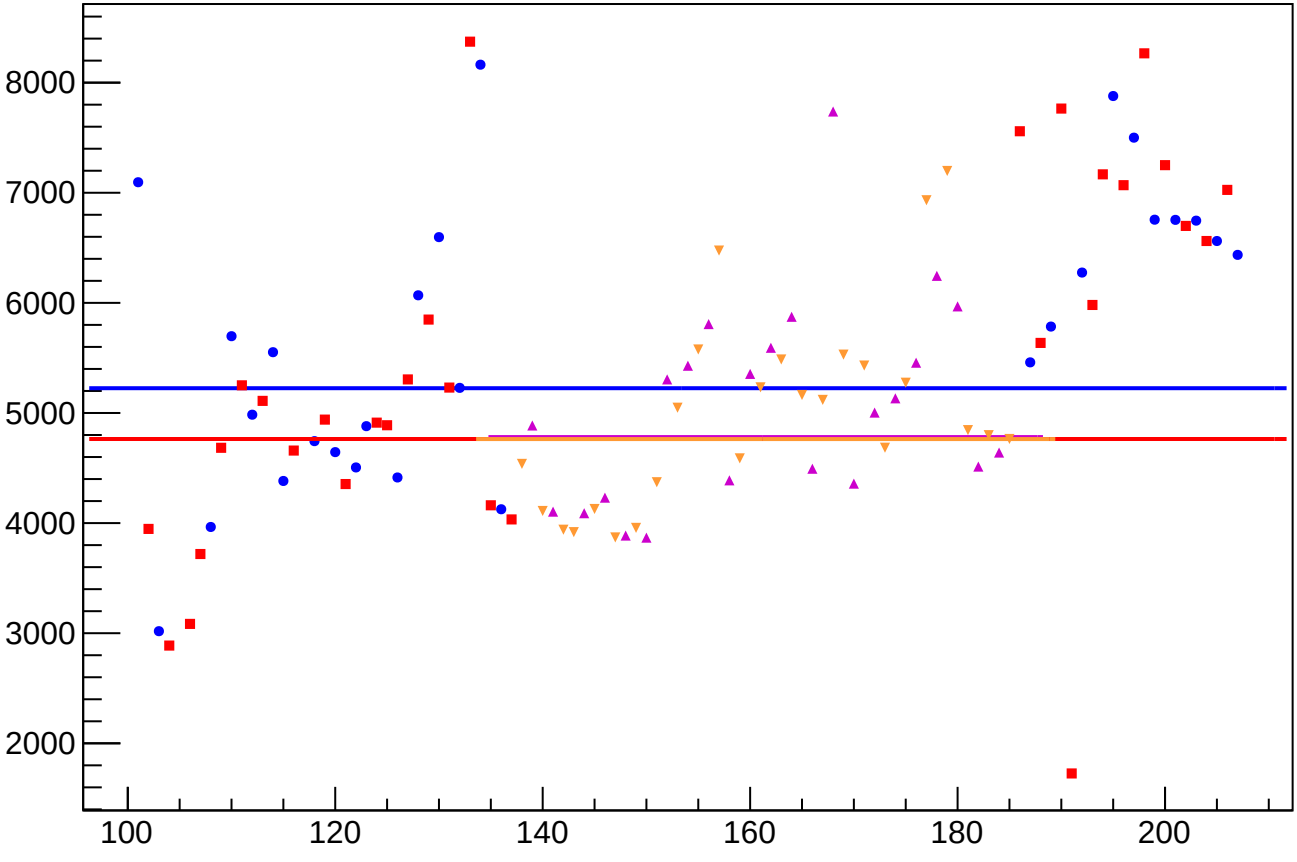
Left In: 131.428+/-1157.282 χ^2/NDF:14.9/22

+ sign 230.832+/-898.017 χ^2/NDF: 67.3/51

All: 490.463+/-626.114 χ^2/NDF: 101.5/104

- sign 736.061+/-873.412 χ^2/NDF: 34.1/52

asym_atr_dd_rms vs Slug



Right In: 5225.013+/-1.044 χ^2/NDF: 1820038.5/26

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

Right Out: 4763.716+/-0.938 χ^2/NDF: 3335847.3/29

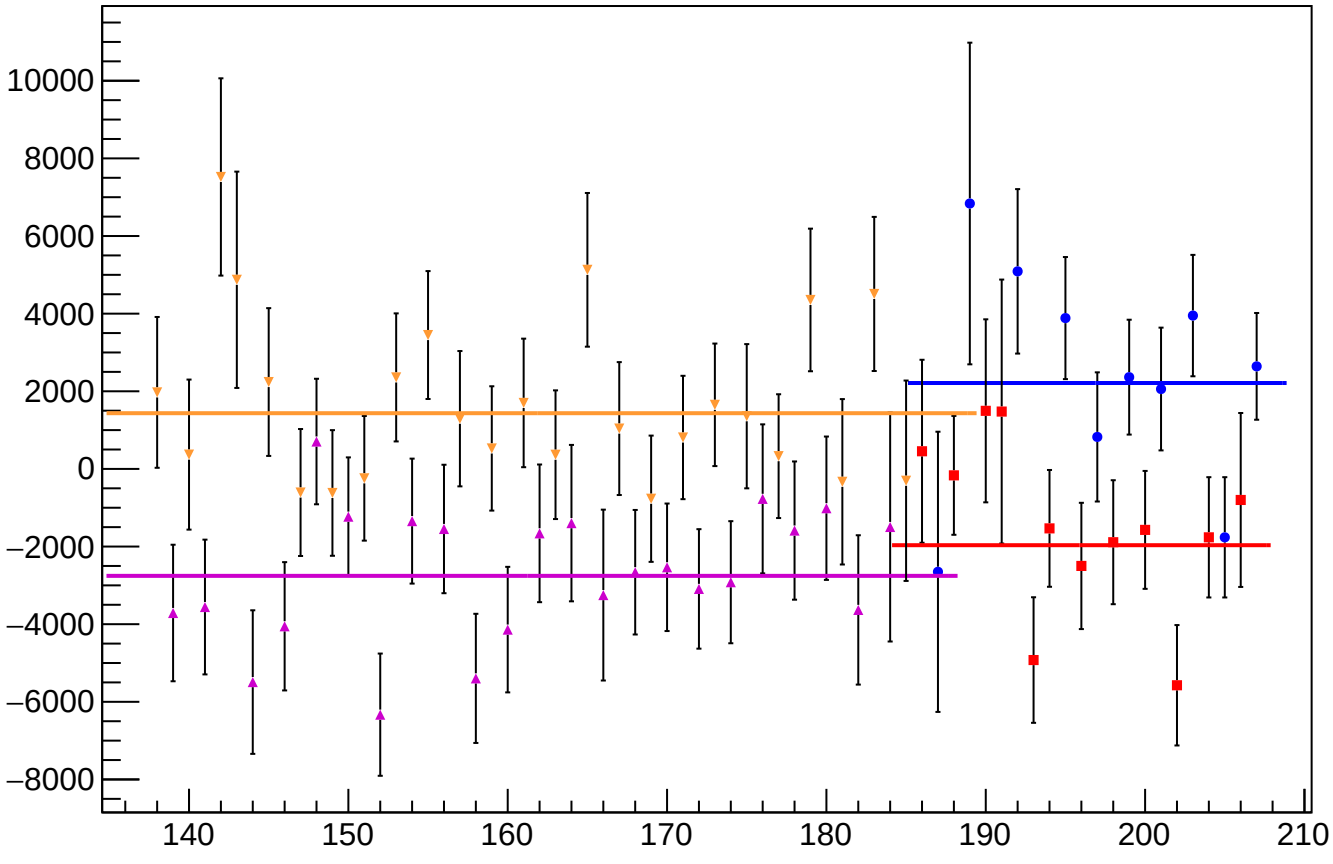
Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

+ sign 4934.178+/-0.635 χ^2/NDF: 2885226.7/51

All: 4851.554+/-0.442 χ^2/NDF: 7205711.0/10

- sign 4773.629+/-0.617 χ^2/NDF: 4287586.1/52

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2213.240+/-547.625 χ^2/NDF: 14.7/9

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

Right Out: -1965.178+/-504.324 χ^2/NDF: 14.9/11

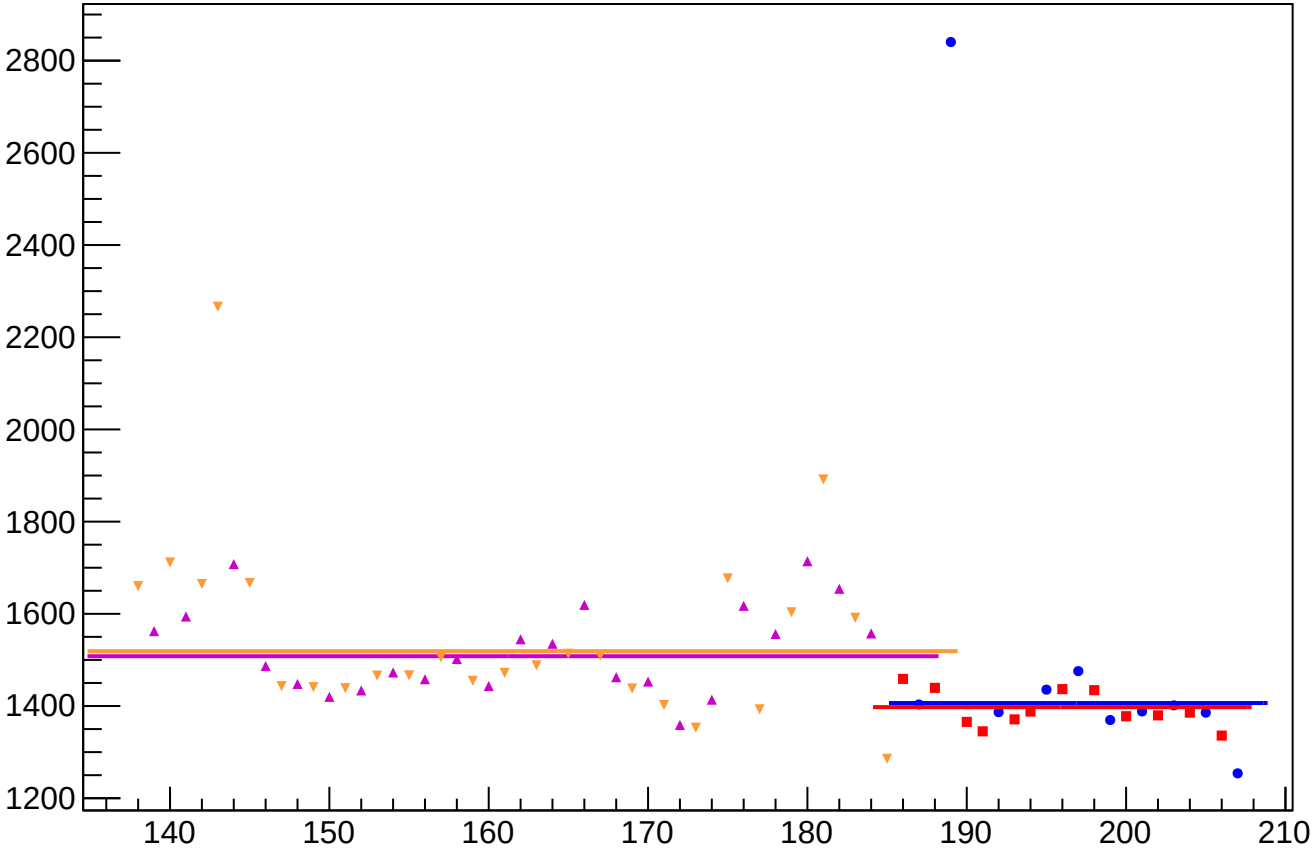
Left In: -2754.889+/-361.672 χ^2/NDF:22.4/22

+ sign 1668.527+/-299.755 χ^2/NDF: 42.8/34

All: -450.007+/-209.861 χ^2/NDF: 179.7/69

- sign -2486.683+/-293.907 χ^2/NDF: 38.9/34

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1406.517+/-0.387 χ^2/NDF: 270344.7/9

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

Right Out: 1397.643+/-0.357 χ^2/NDF: 8767.5/11

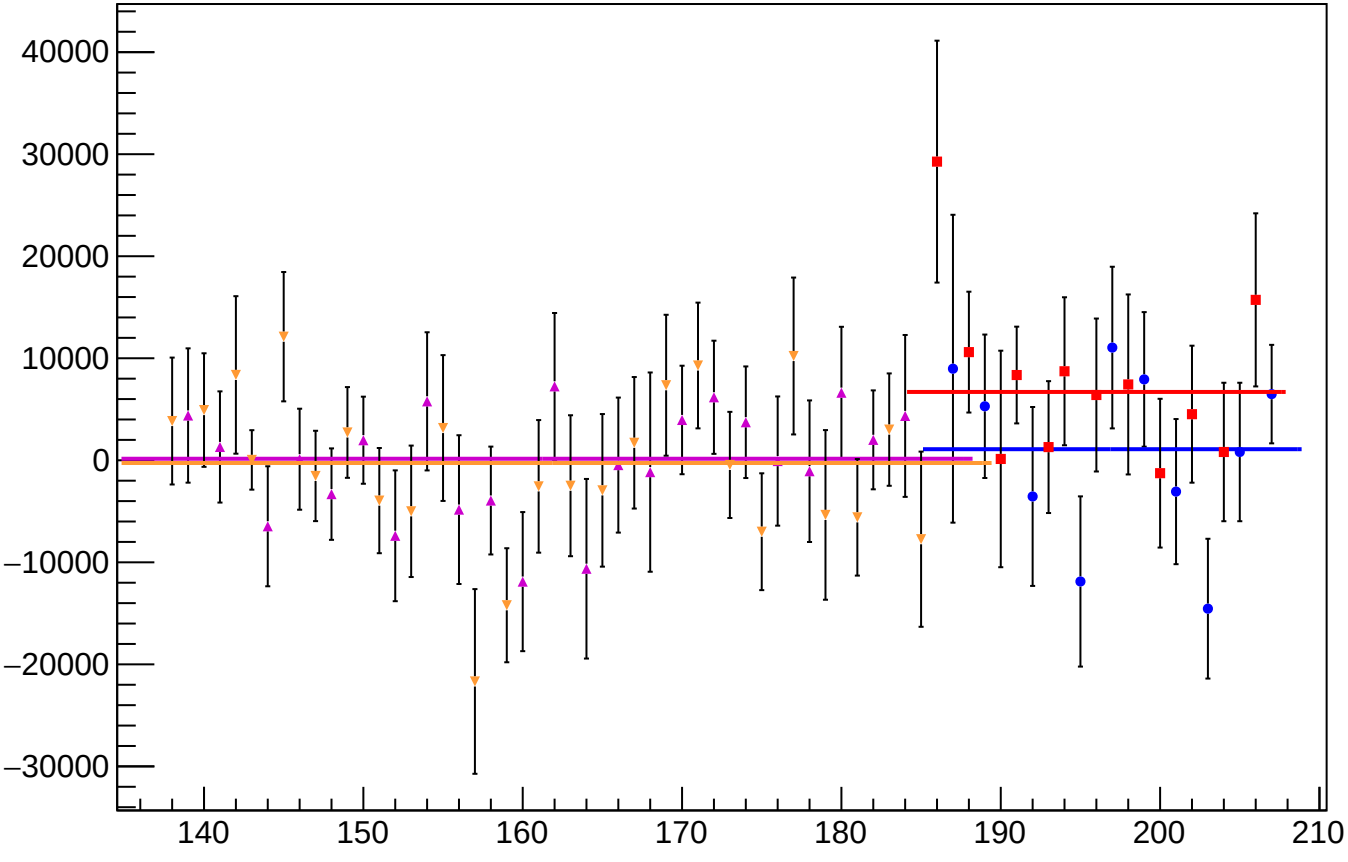
Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

+ sign 1485.363+/-0.212 χ^2/NDF: 695379.0/34

All: 1477.832+/-0.148 χ^2/NDF: 901481.0/69

- sign 1470.593+/-0.208 χ^2/NDF: 203626.4/34

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 1087.292+/-2254.928 χ^2/NDF: 12.8/9

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

Right Out: 6698.693+/-2044.520 χ^2/NDF: 8.5/11

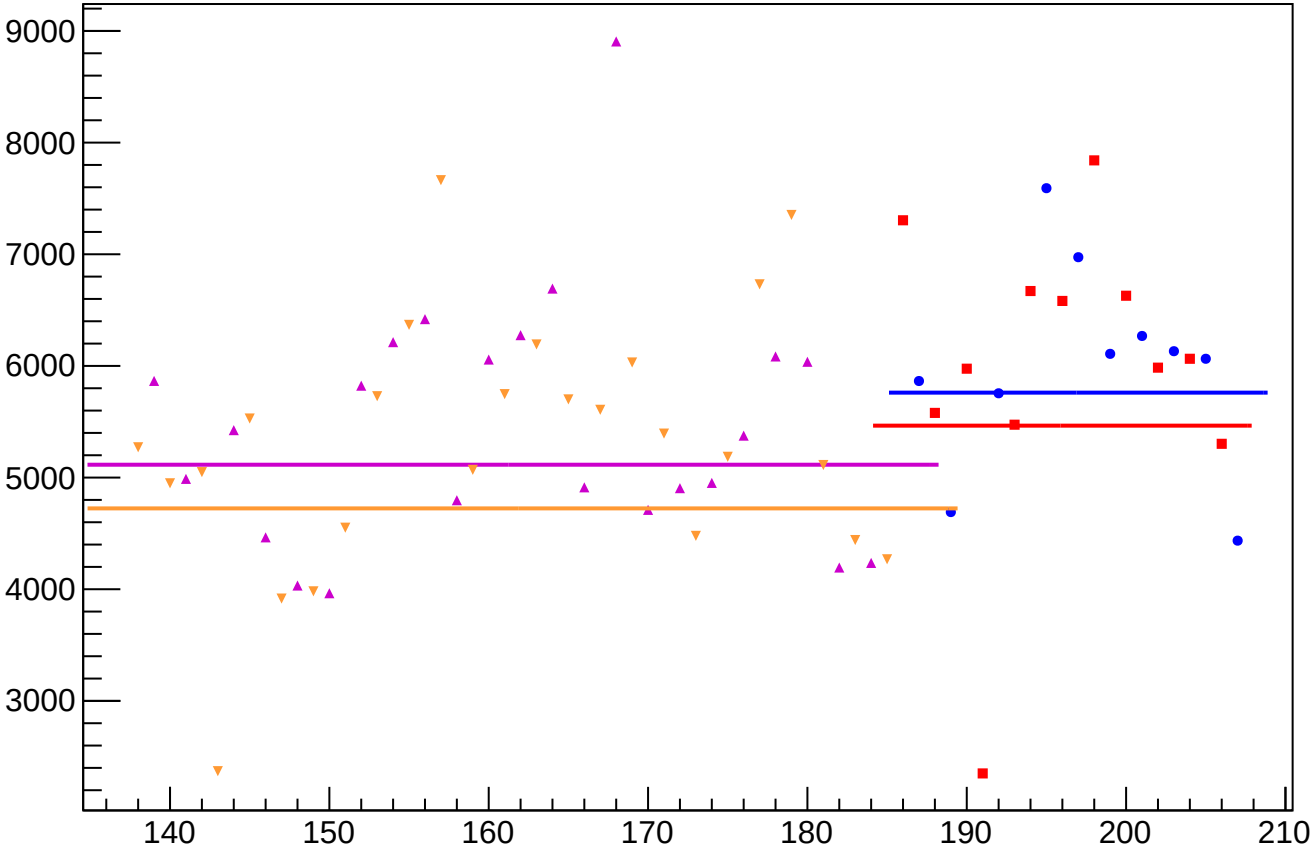
Left In: 151.239+/-1241.800 χ^2/NDF:14.9/22

+ sign 15.092+/-1025.254 χ^2/NDF: 42.8/34

All: 932.527+/-737.399 χ^2/NDF: 75.3/69

- sign 1915.724+/-1061.363 χ^2/NDF: 30.9/34

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5760.748+/-1.594 χ^2/NDF: 366122.7/9

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

Right Out: 5465.129+/-1.446 χ^2/NDF: 1240734.6/11

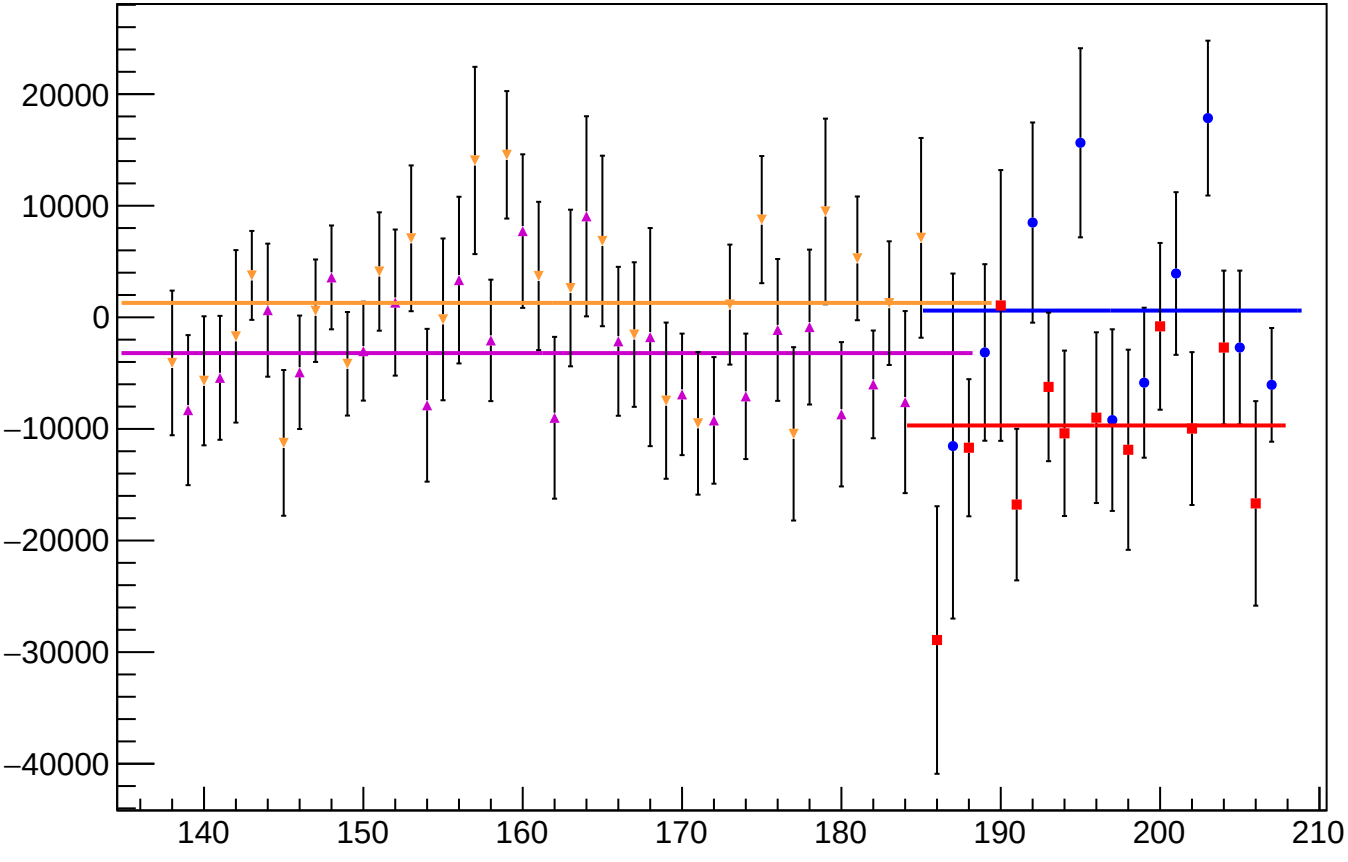
Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

+ sign 4938.345+/-0.725 χ^2/NDF: 3239014.4/34

All: 5069.212+/-0.521 χ^2/NDF: 5721416.4/69

- sign 5209.459+/-0.750 χ^2/NDF: 2414895.4/34

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 604.996+/-2337.899 χ^2/NDF: 15.5/9

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

Right Out: -9689.747+/-2211.775 χ^2/NDF: 7.9/11

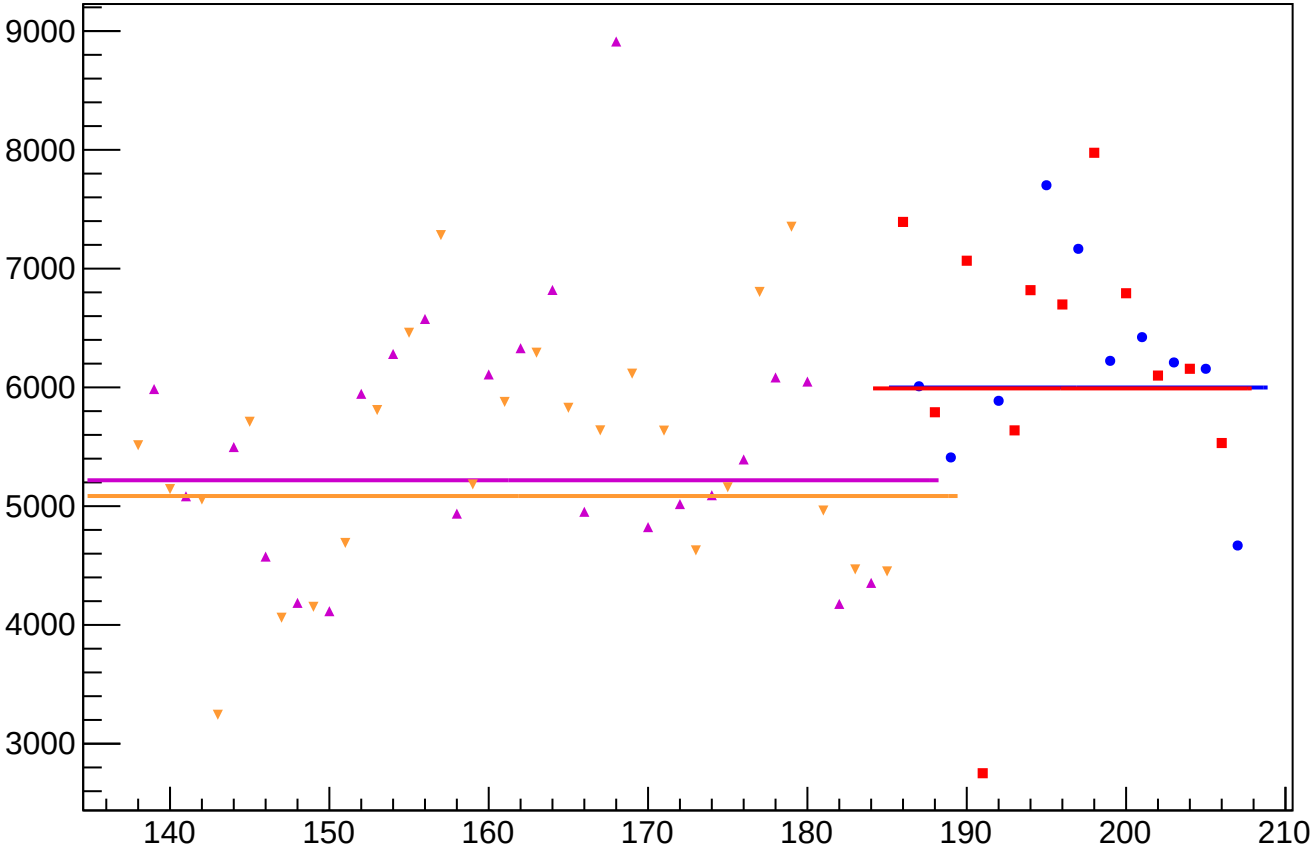
Left In: -3205.363+/-1265.586 χ^2/NDF:13.9/22

+ sign 1145.957+/-1078.634 χ^2/NDF: 43.3/34

All: -1775.200+/-769.626 χ^2/NDF: 86.5/69

- sign -4804.785+/-1098.470 χ^2/NDF: 28.3/34

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 5999.018+/-1.653 χ^2/NDF: 281612.3/9

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

Right Out: 5991.394+/-1.564 χ^2/NDF: 675366.4/11

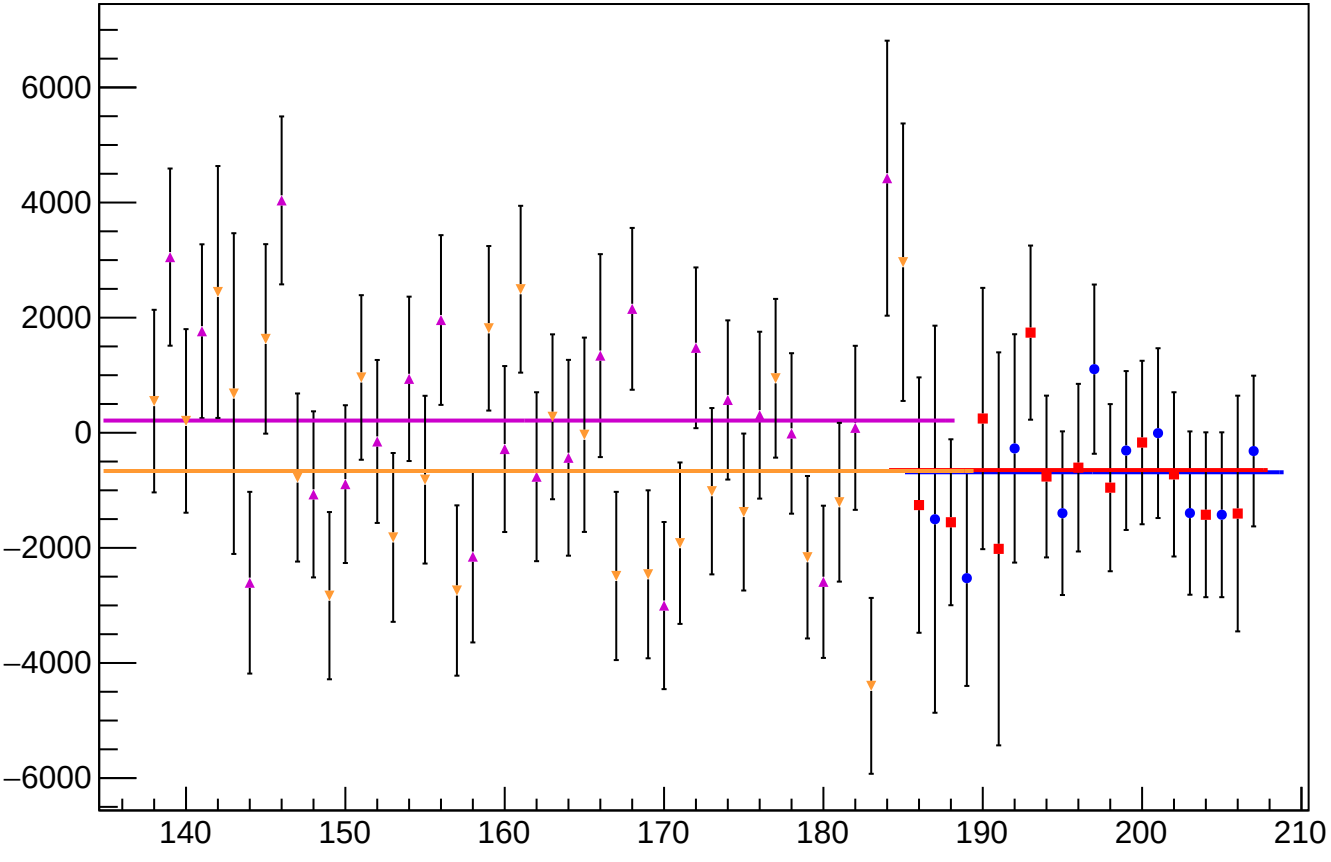
Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

+ sign 5279.800+/-0.763 χ^2/NDF: 1878773.5/34

All: 5343.117+/-0.544 χ^2/NDF: 3811447.0/69

- sign 5408.780+/-0.777 χ^2/NDF: 1918635.0/34

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -686.431+/-491.664 χ^2/NDF: 3.7/9

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

Right Out: -648.245+/-467.976 χ^2/NDF: 3.9/11

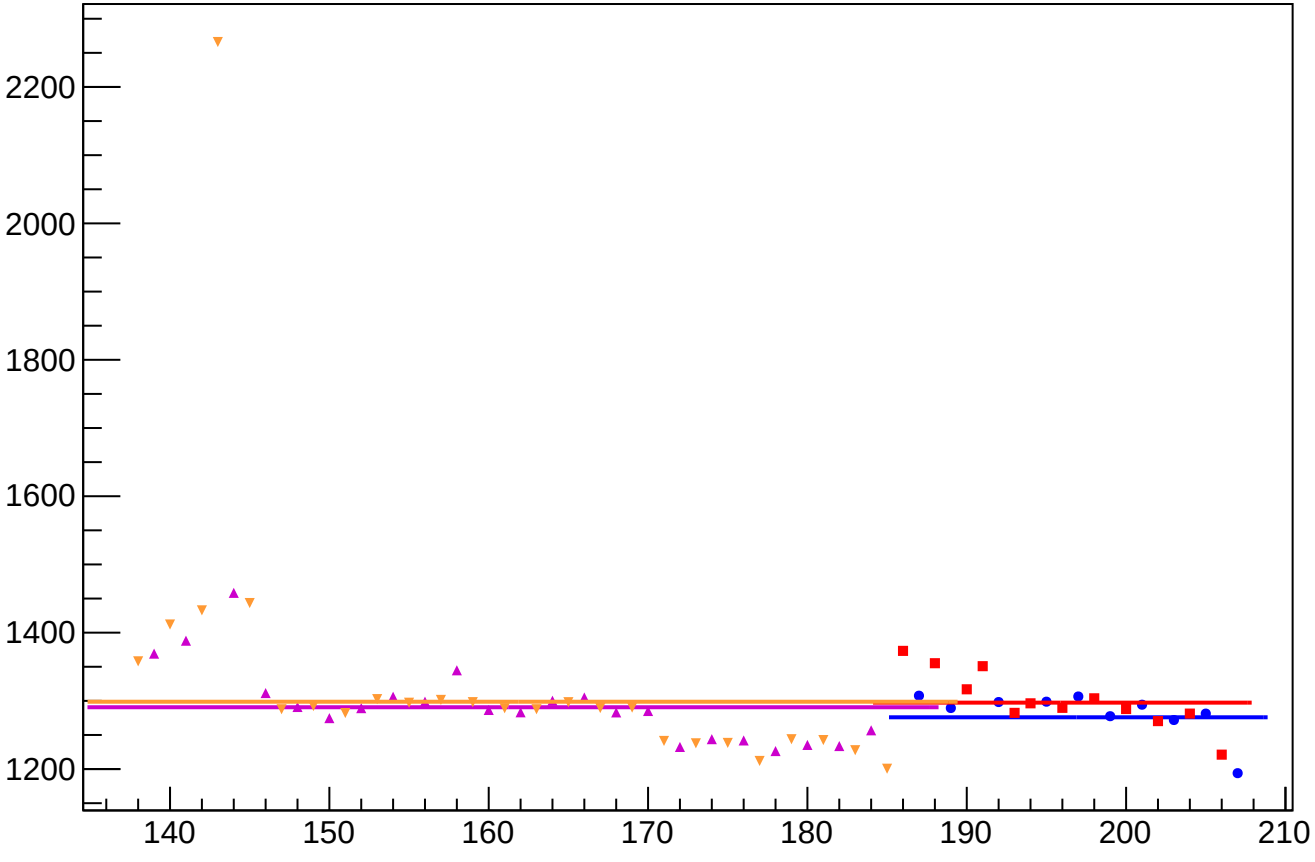
Left In: 212.071+/-308.597 χ^2/NDF:36.6/22

+ sign -670.498+/-259.254 χ^2/NDF: 38.3/34

All: -357.620+/-182.742 χ^2/NDF: 84.1/69

- sign -48.658+/-257.626 χ^2/NDF: 42.9/34

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1275.922+/-0.348 χ^2/NDF: 10103.5/9

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

Right Out: 1297.400+/-0.331 χ^2/NDF: 10315.8/11

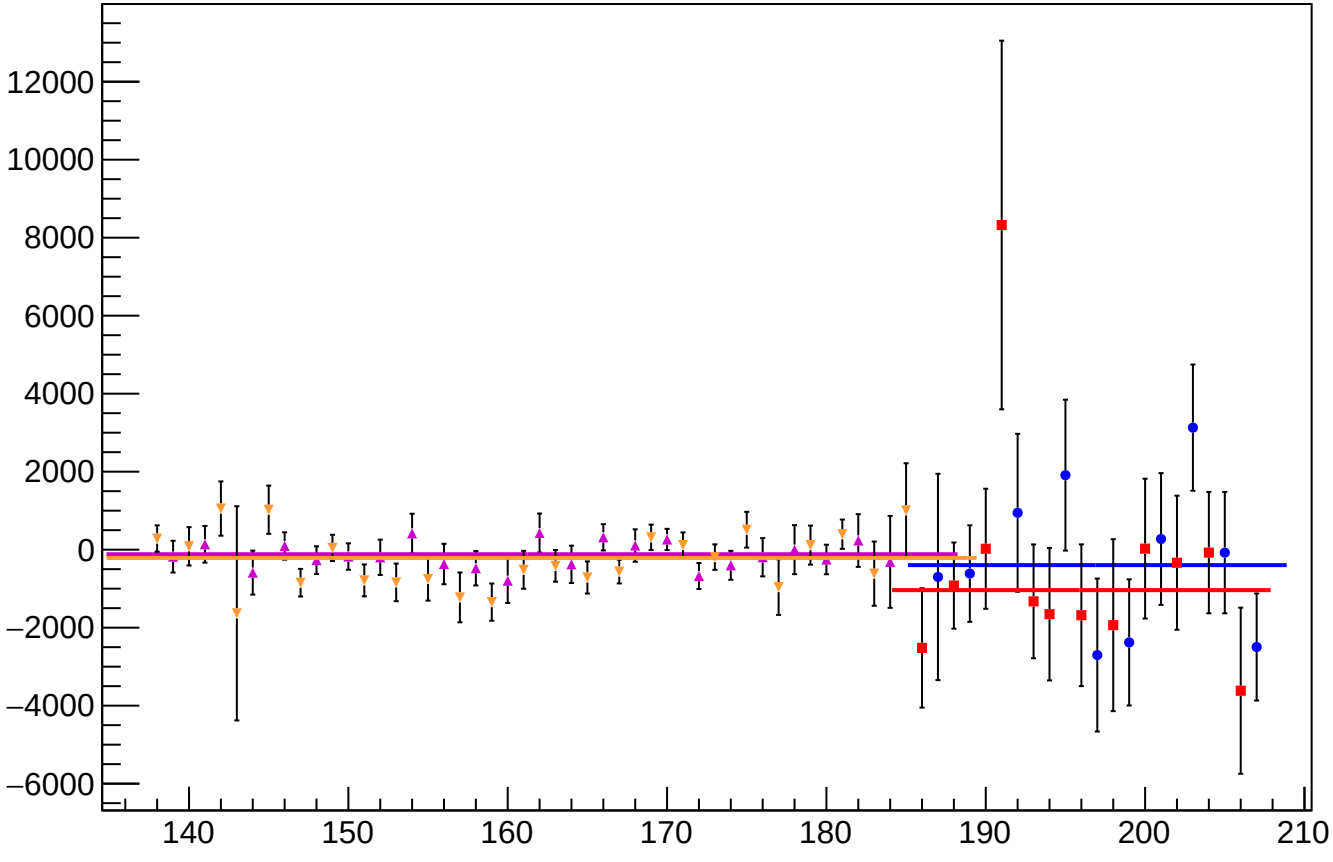
Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

+ sign 1292.398+/-0.183 χ^2/NDF: 323559.3/34

All: 1292.546+/-0.129 χ^2/NDF: 393594.6/69

- sign 1292.692+/-0.182 χ^2/NDF: 70034.0/34

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -396.149+/-525.215 χ^2/NDF: 12.1/9

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

Right Out: -1037.780+/-481.101 χ^2/NDF: 8.2/11

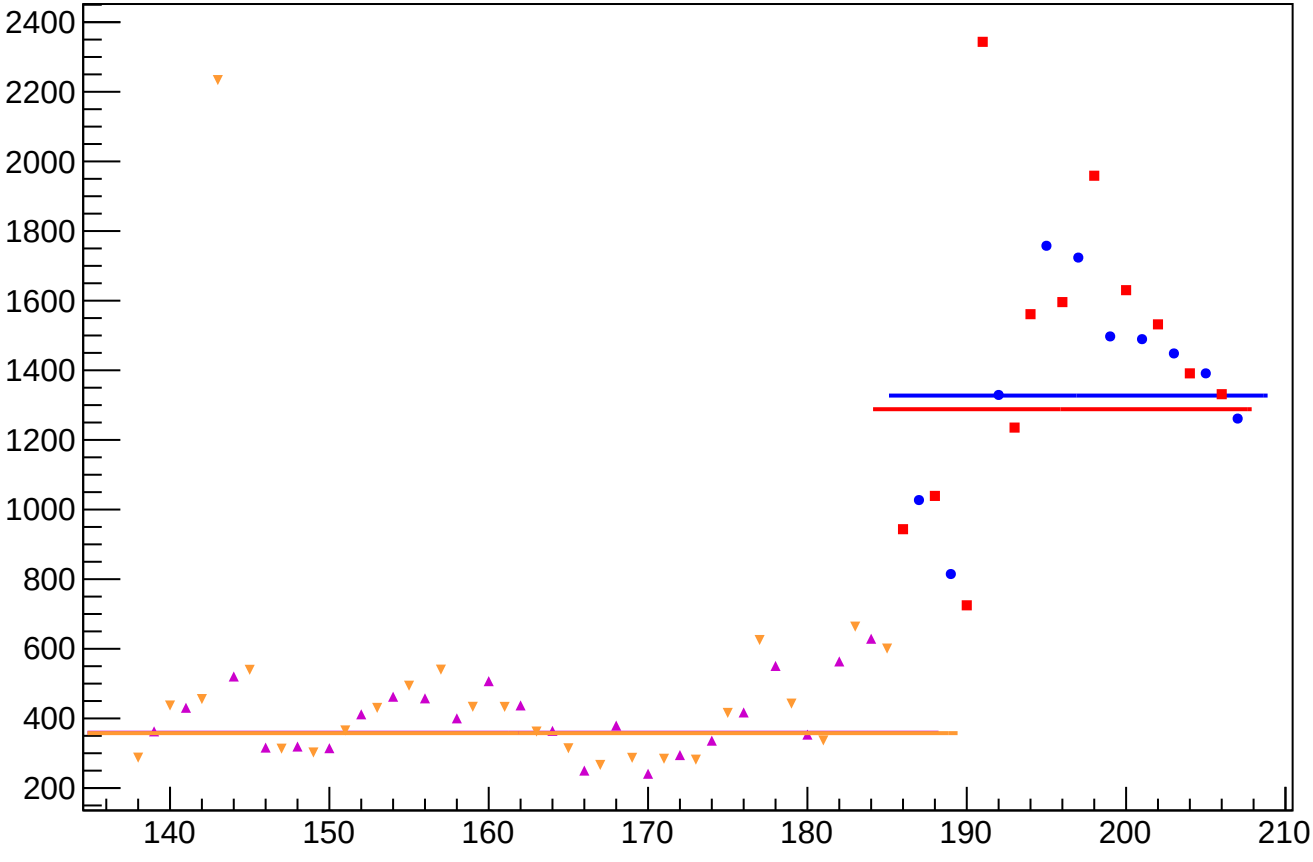
Left In: -117.113+/-88.214 χ^2/NDF:14.3/22

+ sign -216.647+/-86.473 χ^2/NDF: 53.9/34

All: -181.972+/-61.250 χ^2/NDF: 80.2/69

- sign -147.060+/-86.768 χ^2/NDF: 26.0/34

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1327.390+/-0.371 χ^2/NDF: 609396.5/9

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

Right Out: 1288.221+/-0.340 χ^2/NDF: 989866.5/11

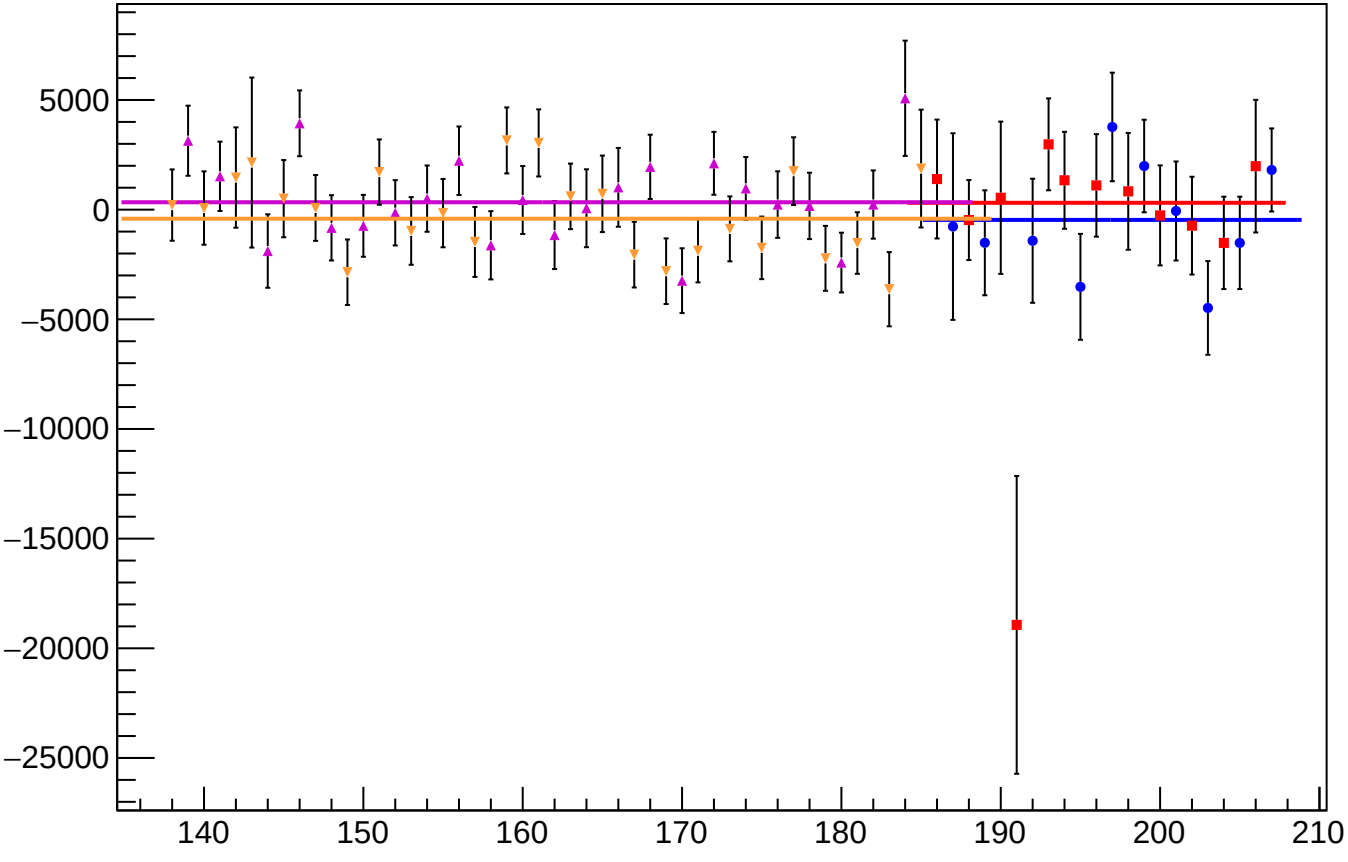
Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

+ sign 384.034+/-0.061 χ^2/NDF: 10283406.0/34

All: 386.621+/-0.043 χ^2/NDF: 20354015.4/69

- sign 389.225+/-0.061 χ^2/NDF: 10067017.7/34

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -467.040+/-738.433 χ^2/NDF: 11.4/9

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

Right Out: 311.955+/-702.528 χ^2/NDF: 11.7/11

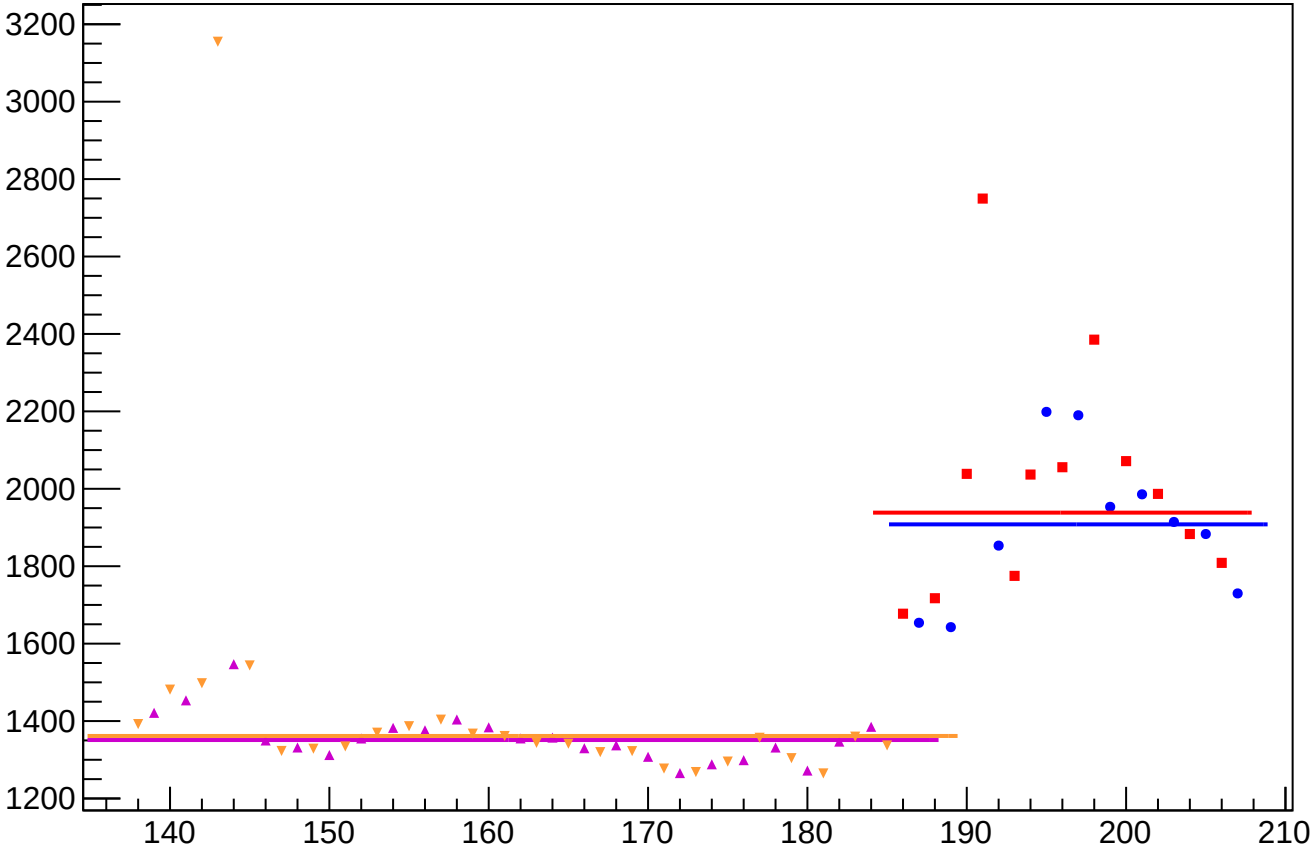
Left In: 337.193+/-323.023 χ^2/NDF:32.8/22

+ sign -421.917+/-294.139 χ^2/NDF: 44.3/34

All: -43.726+/-207.756 χ^2/NDF: 92.0/69

- sign 332.788+/-293.486 χ^2/NDF: 44.5/34

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1908.111+/-0.522 χ^2/NDF: 108745.3/9

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

Right Out: 1938.407+/-0.497 χ^2/NDF: 168403.0/11

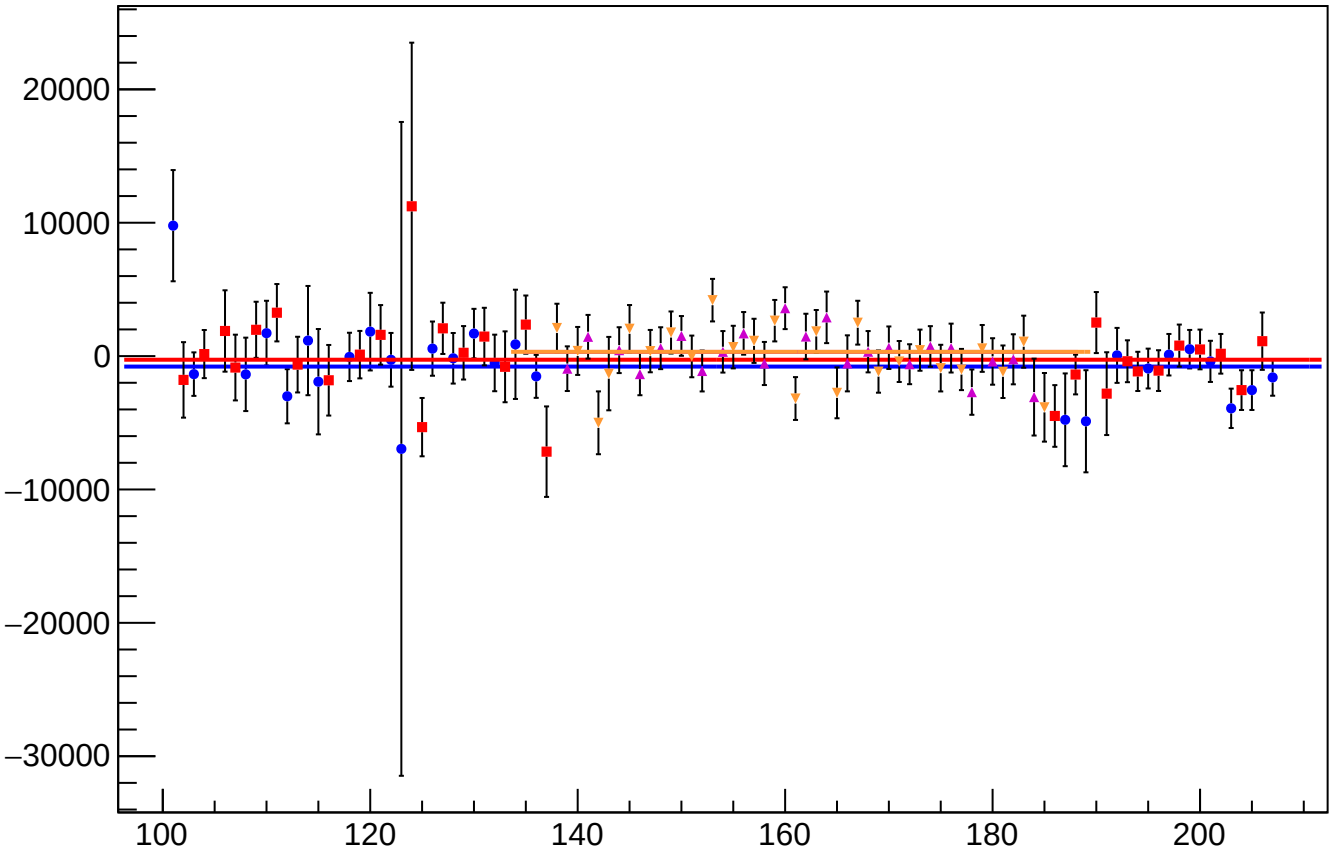
Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

+ sign 1448.237+/-0.208 χ^2/NDF: 1538585.0/34

All: 1450.888+/-0.147 χ^2/NDF: 2930483.9/69

- sign 1453.527+/-0.208 χ^2/NDF: 1391574.7/34

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -785.470+/-382.378 χ^2/NDF: 23.1/26

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

Right Out: -271.944+/-362.164 χ^2/NDF: 30.1/29

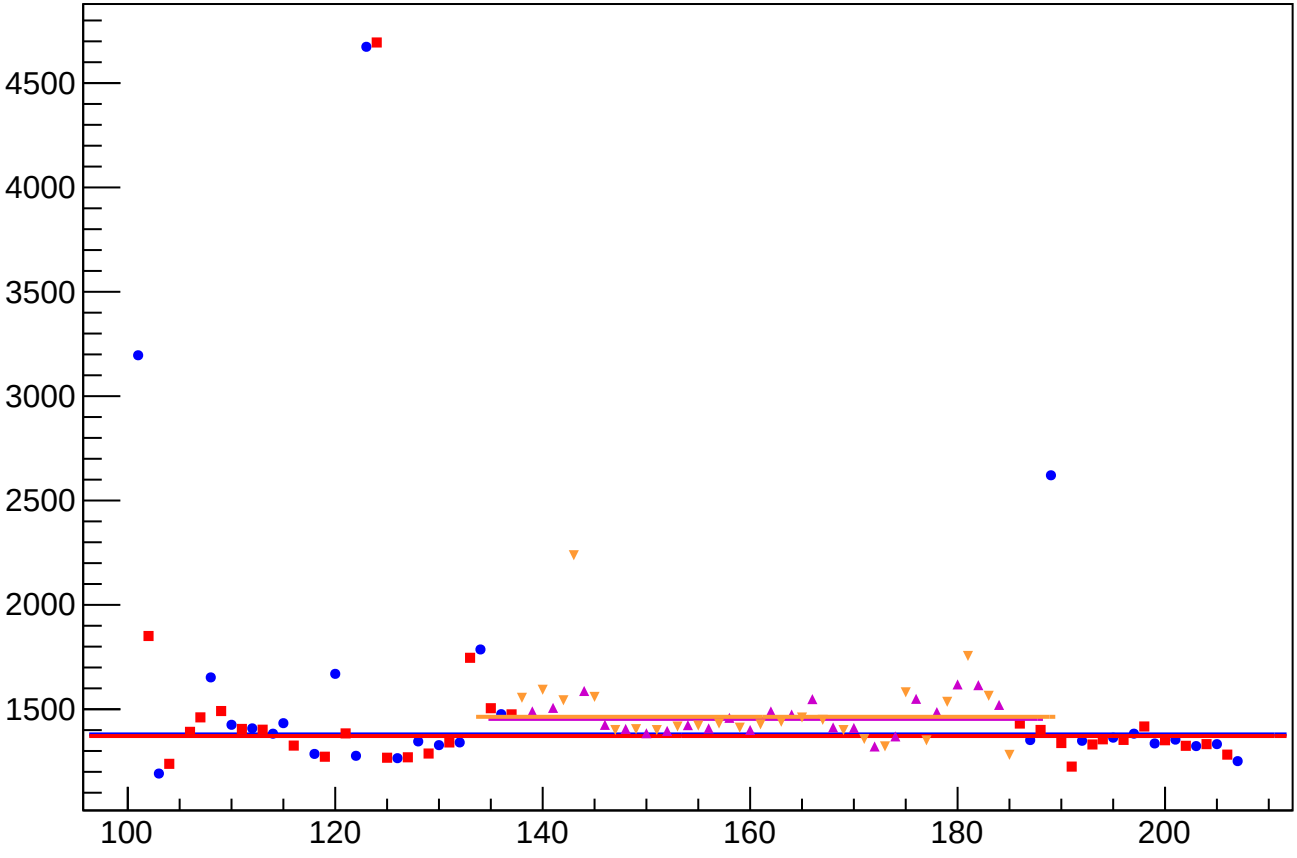
Left In: 310.833+/-348.292 χ^2/NDF:16.8/22

+ sign -175.477+/-256.003 χ^2/NDF: 60.1/51

All: -70.310+/-179.241 χ^2/NDF: 108.8/104

- sign 30.819+/-251.040 χ^2/NDF: 48.3/52

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1379.327+/-0.270 χ^2/NDF: 765547.9/26

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

Right Out: 1371.580+/-0.256 χ^2/NDF: 312778.2/29

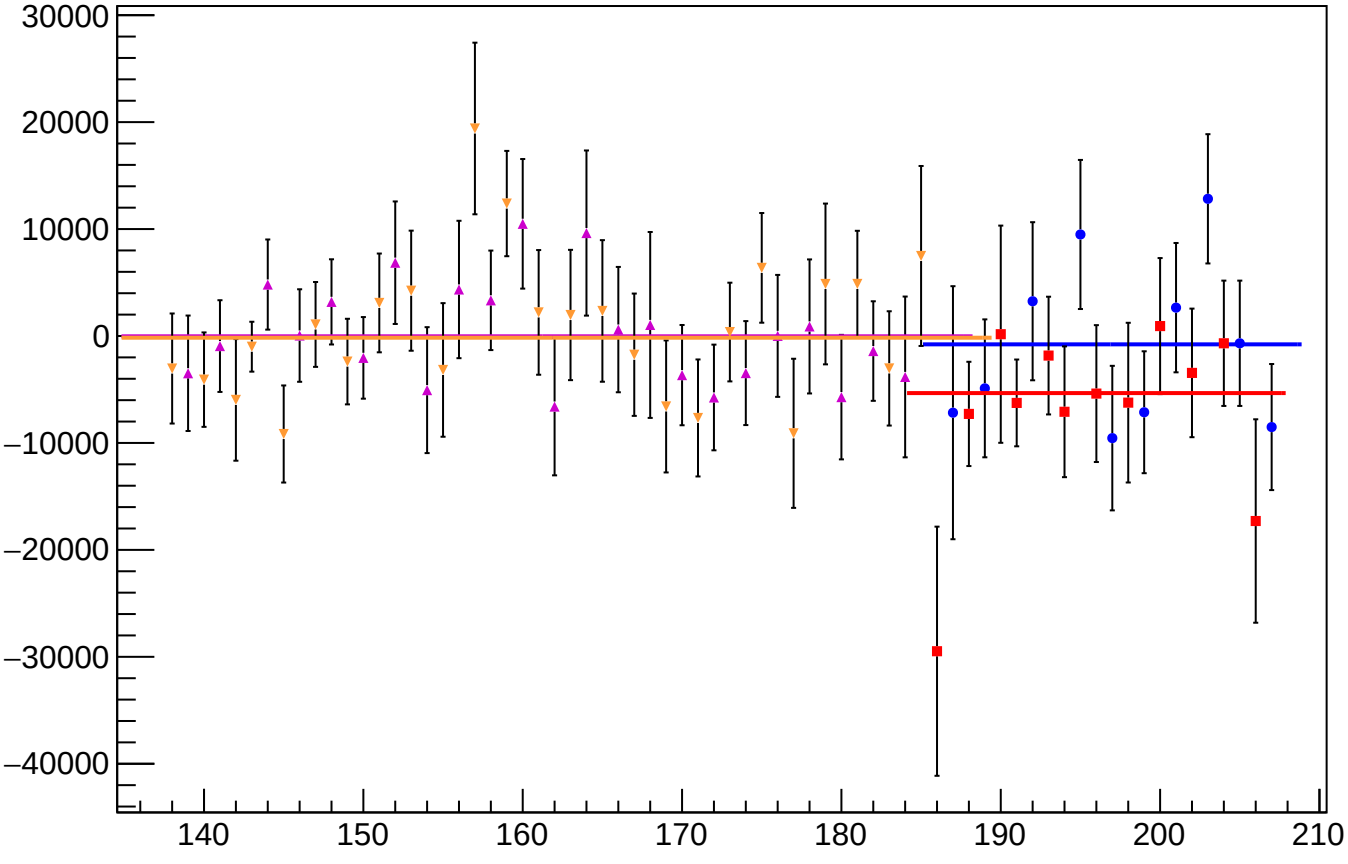
Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

+ sign 1425.888+/-0.181 χ^2/NDF: 1129786.1/51

All: 1419.962+/-0.127 χ^2/NDF: 1597408.7/10

- sign 1414.265+/-0.177 χ^2/NDF: 465520.4/52

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -780.483+/-2061.167 χ^2/NDF: 13.2/9

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

Right Out: -5337.784+/-1783.065 χ^2/NDF: 8.6/11

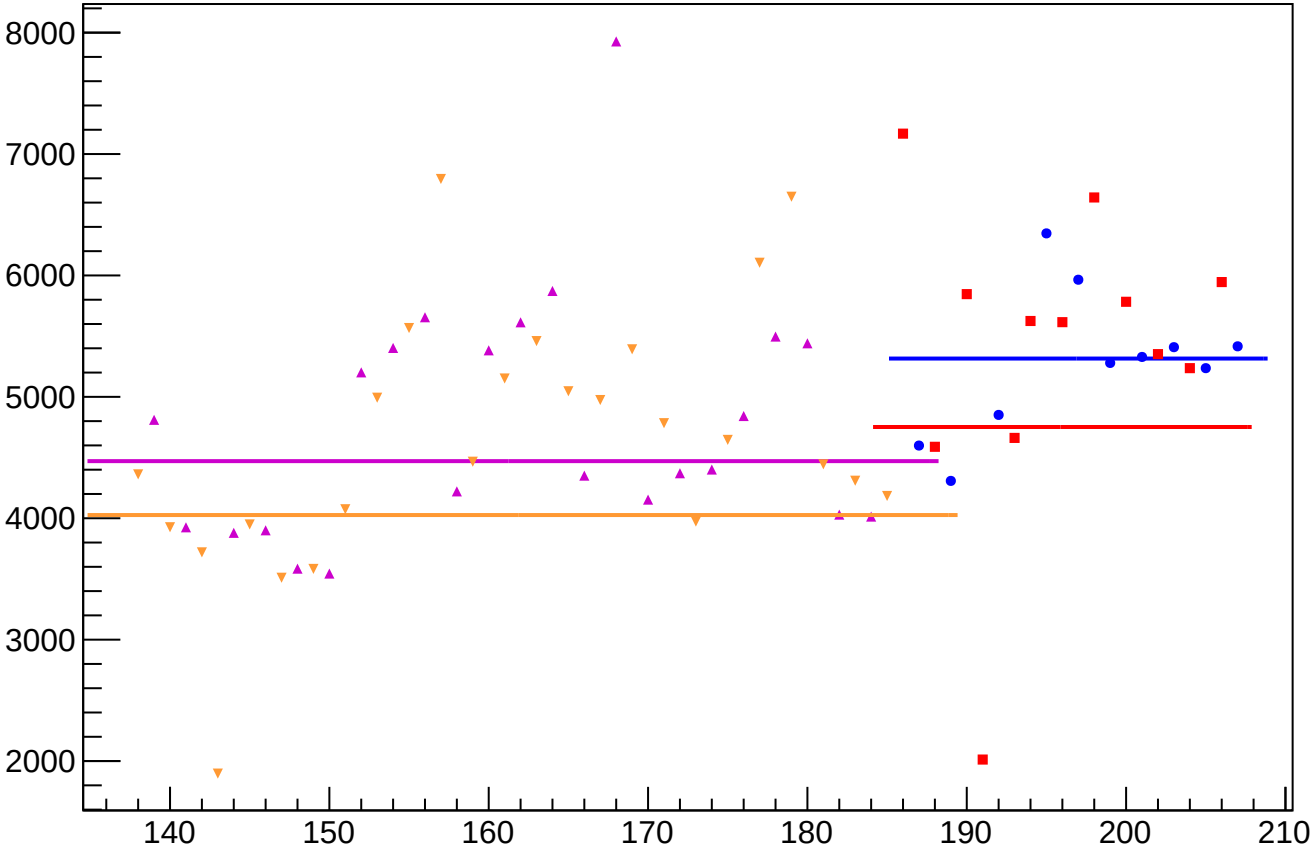
Left In: -26.926+/-1085.415 χ^2/NDF:15.3/22

+ sign -276.283+/-891.922 χ^2/NDF: 43.0/34

All: -846.588+/-642.775 χ^2/NDF: 74.2/69

- sign -1462.825+/-927.143 χ^2/NDF: 30.3/34

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 5315.475+/-1.457 χ^2/NDF: 127788.6/9

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

Right Out: 4751.715+/-1.261 χ^2/NDF: 1346451.5/11

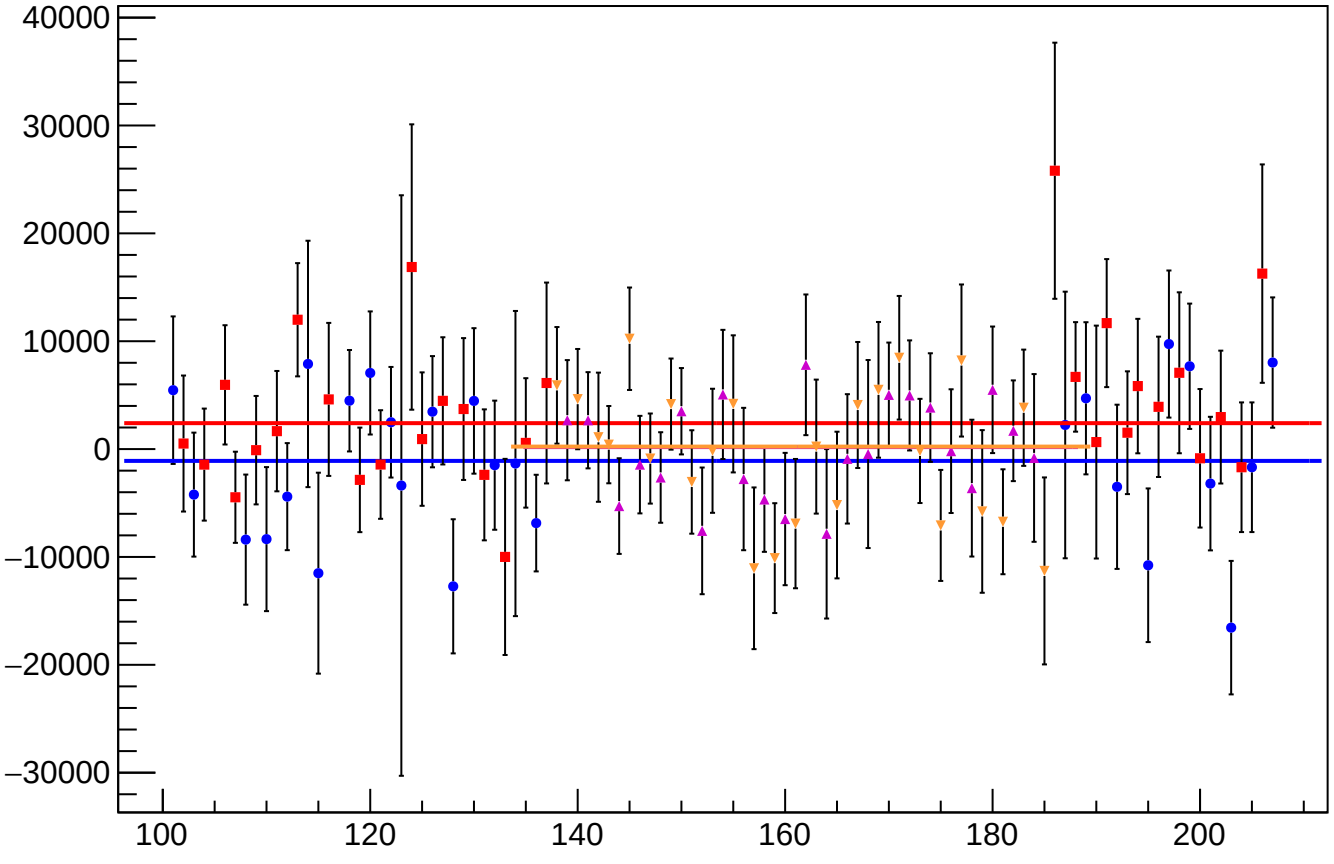
Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

+ sign 4267.820+/-0.631 χ^2/NDF: 3834800.8/34

All: 4401.778+/-0.455 χ^2/NDF: 6443909.2/69

- sign 4546.525+/-0.656 χ^2/NDF: 2515246.5/34

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1095.194+/-1224.417 χ^2/NDF: 32.9/26

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

Right Out: 2403.616+/-1123.429 χ^2/NDF: 23.7/29

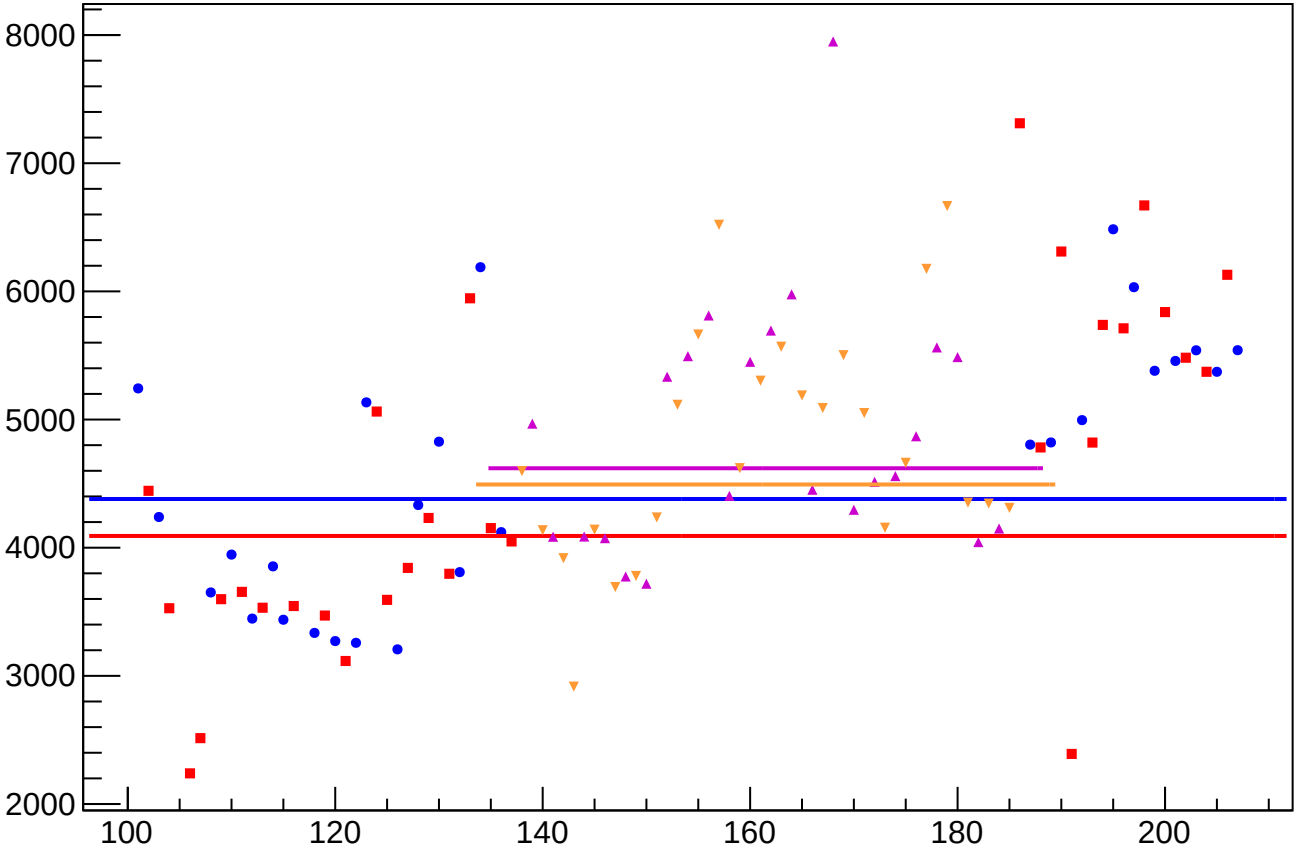
Left In: 185.280+/-1119.296 χ^2/NDF:14.3/22

+ sign -346.013+/-807.205 χ^2/NDF: 61.7/51

All: 486.782+/-565.662 χ^2/NDF: 103.7/104

- sign 1290.359+/-792.919 χ^2/NDF: 40.0/52

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4380.090+/-0.866 χ^2/NDF: 1241715.8/26

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

Right Out: 4091.614+/-0.790 χ^2/NDF: 2280925.4/29

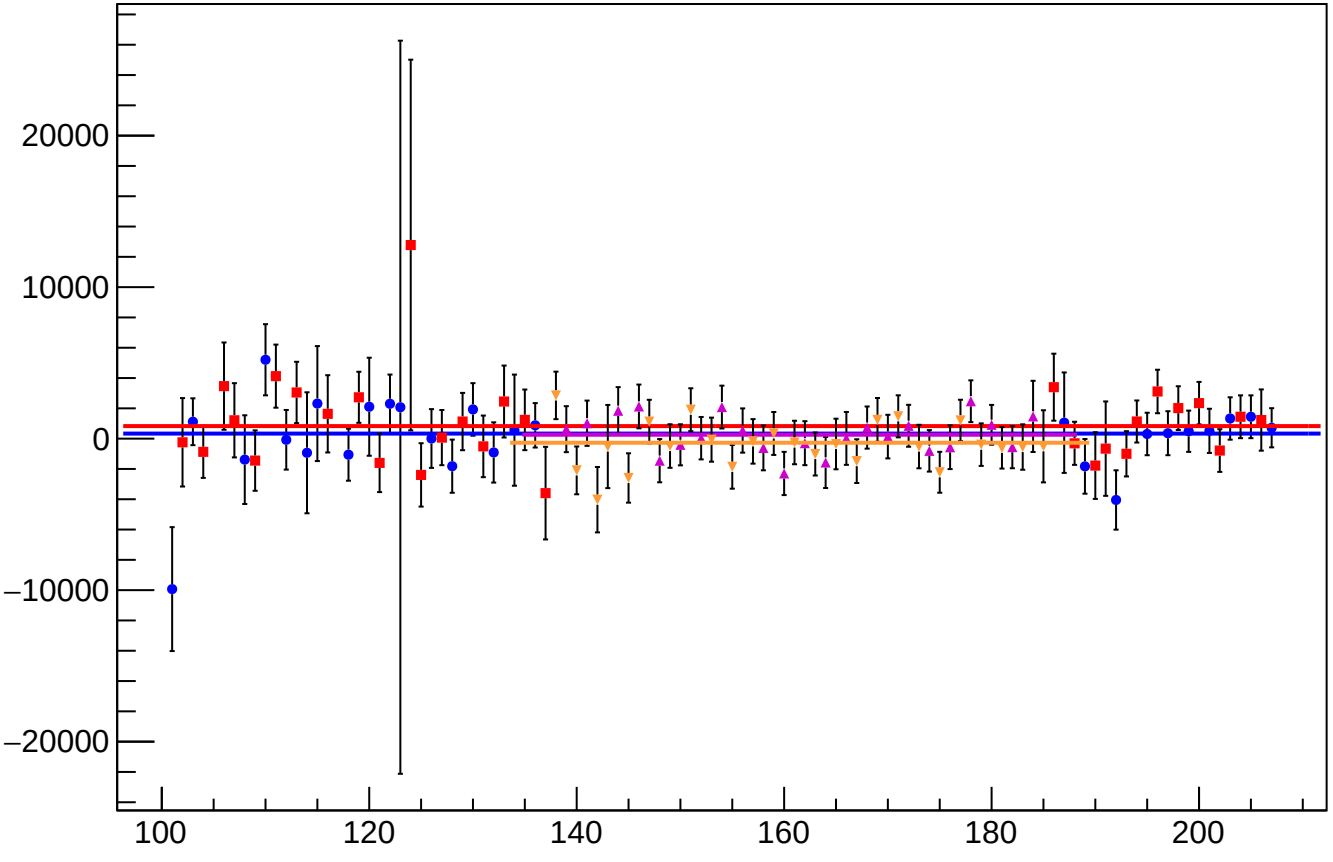
Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

+ sign 4444.104+/-0.571 χ^2/NDF: 2560519.7/51

All: 4398.693+/-0.399 χ^2/NDF: 6079161.9/10

- sign 4355.142+/-0.559 χ^2/NDF: 3506242.1/52

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 333.964+/-356.934 χ^2/NDF: 24.3/26

Left Out: -270.523+/-302.030 χ^2/NDF:22.2/24

Right Out: 828.327+/-342.267 χ^2/NDF: 27.6/29

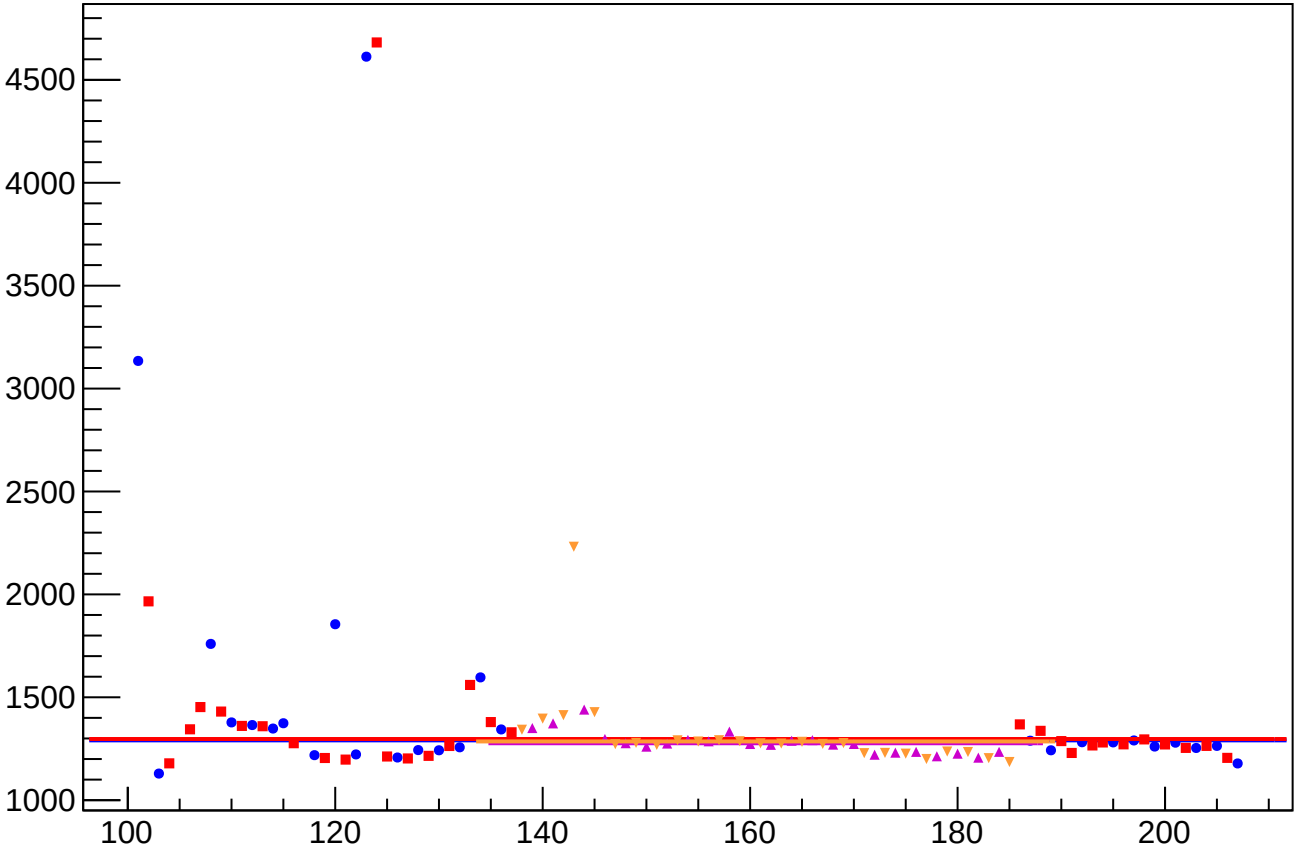
Left In: 258.285+/-305.289 χ^2/NDF:16.0/22

+ sign -18.297+/-230.563 χ^2/NDF: 48.1/51

All: 249.439+/-162.057 χ^2/NDF: 95.9/104

- sign 510.861+/-227.828 χ^2/NDF: 45.1/52

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1290.786+/-0.252 χ^2/NDF: 634905.8/26

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

Right Out: 1297.243+/-0.242 χ^2/NDF: 355687.0/29

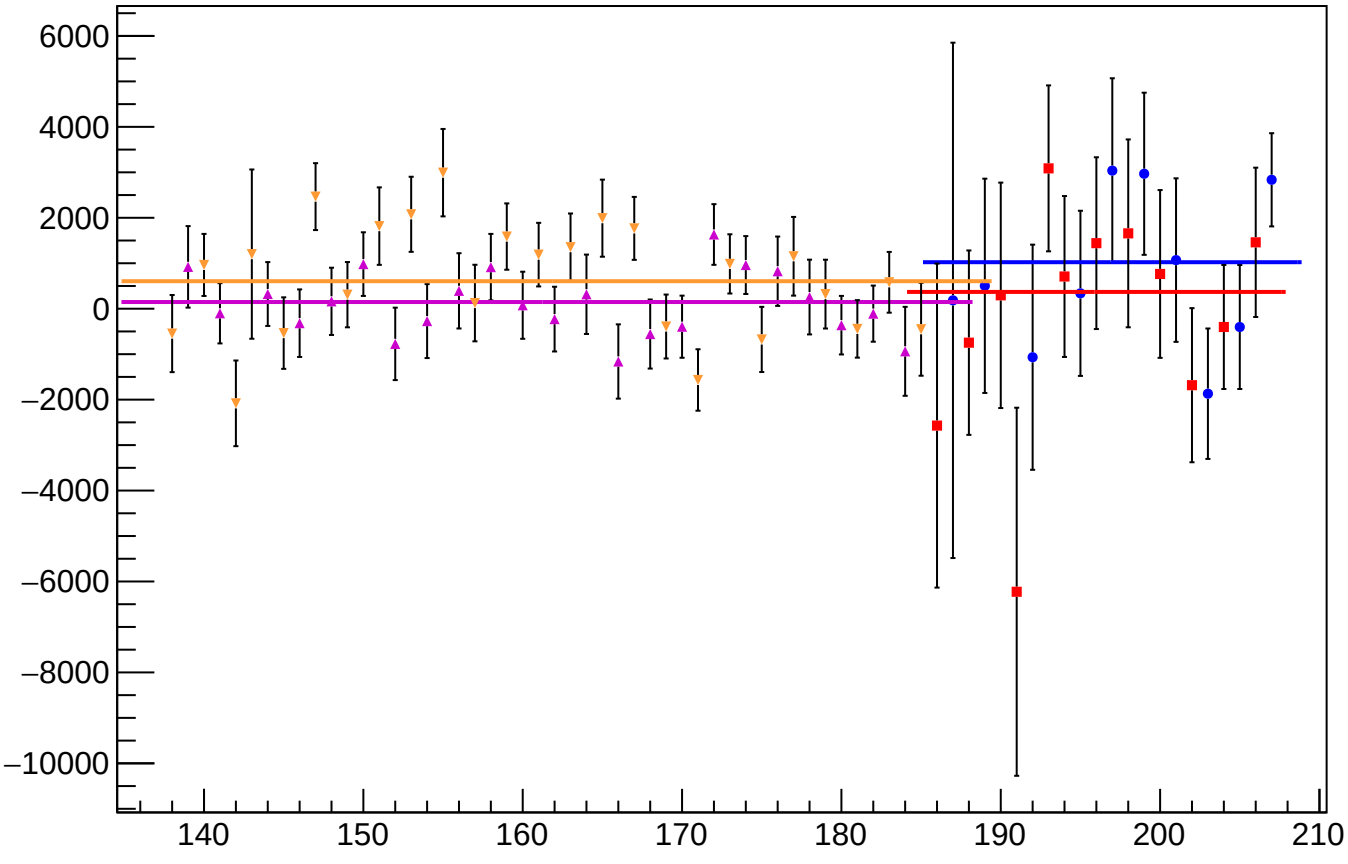
Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

+ sign 1287.749+/-0.163 χ^2/NDF: 941211.9/51

All: 1286.780+/-0.115 χ^2/NDF: 1360394.2/10

- sign 1285.833+/-0.161 χ^2/NDF: 419112.4/52

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 1023.014+/-533.100 χ^2/NDF: 11.4/9

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

Right Out: 369.504+/-556.459 χ^2/NDF: 8.9/11

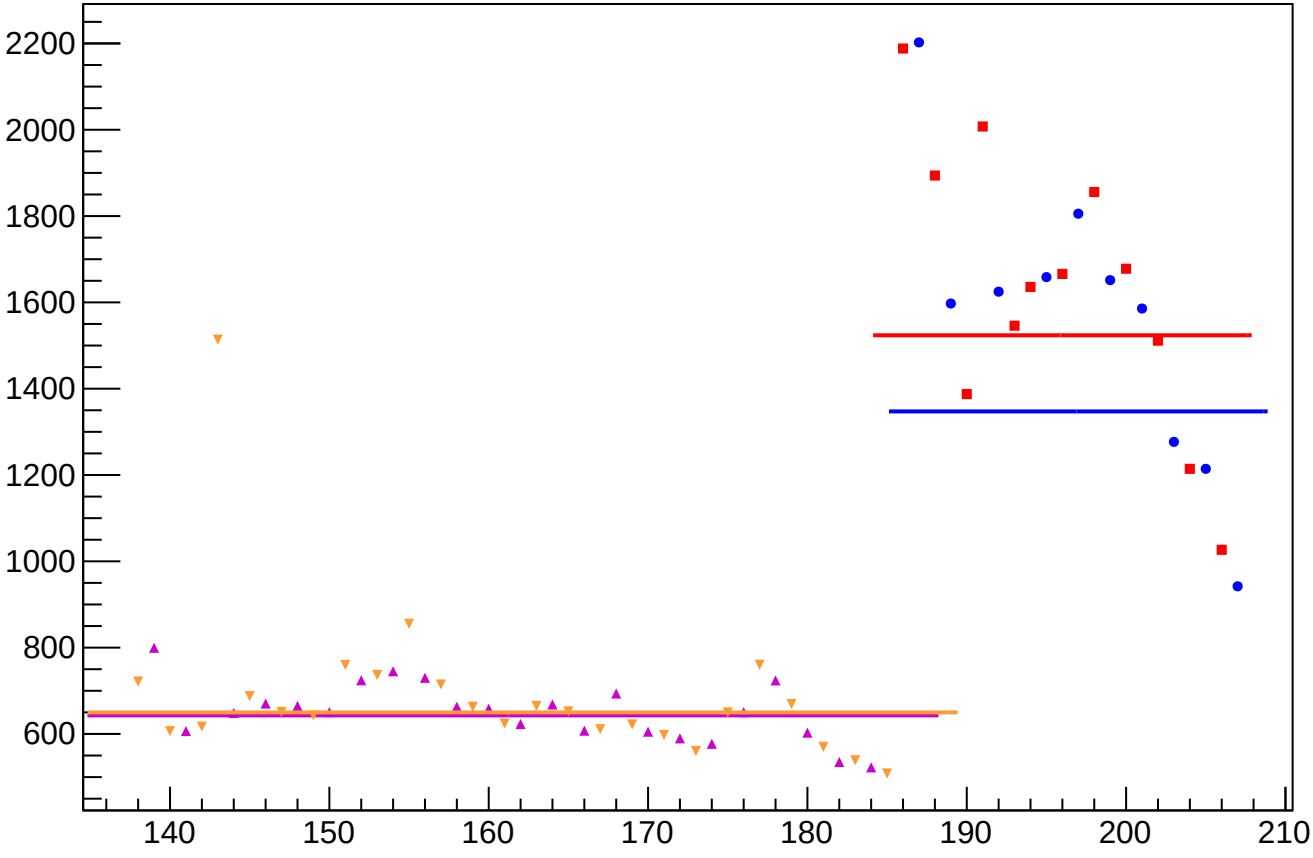
Left In: 147.044+/-154.051 χ^2/NDF:19.4/22

+ sign 637.320+/-147.881 χ^2/NDF: 71.9/34

All: 401.038+/-104.774 χ^2/NDF: 105.4/69

- sign 162.880+/-148.467 χ^2/NDF: 28.4/34

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1347.364+/-0.377 χ^2/NDF: 683460.2/9

Left Out: 649.866+/-0.109 χ^2/NDF:840823.5/24

Right Out: 1523.768+/-0.393 χ^2/NDF: 542250.5/11

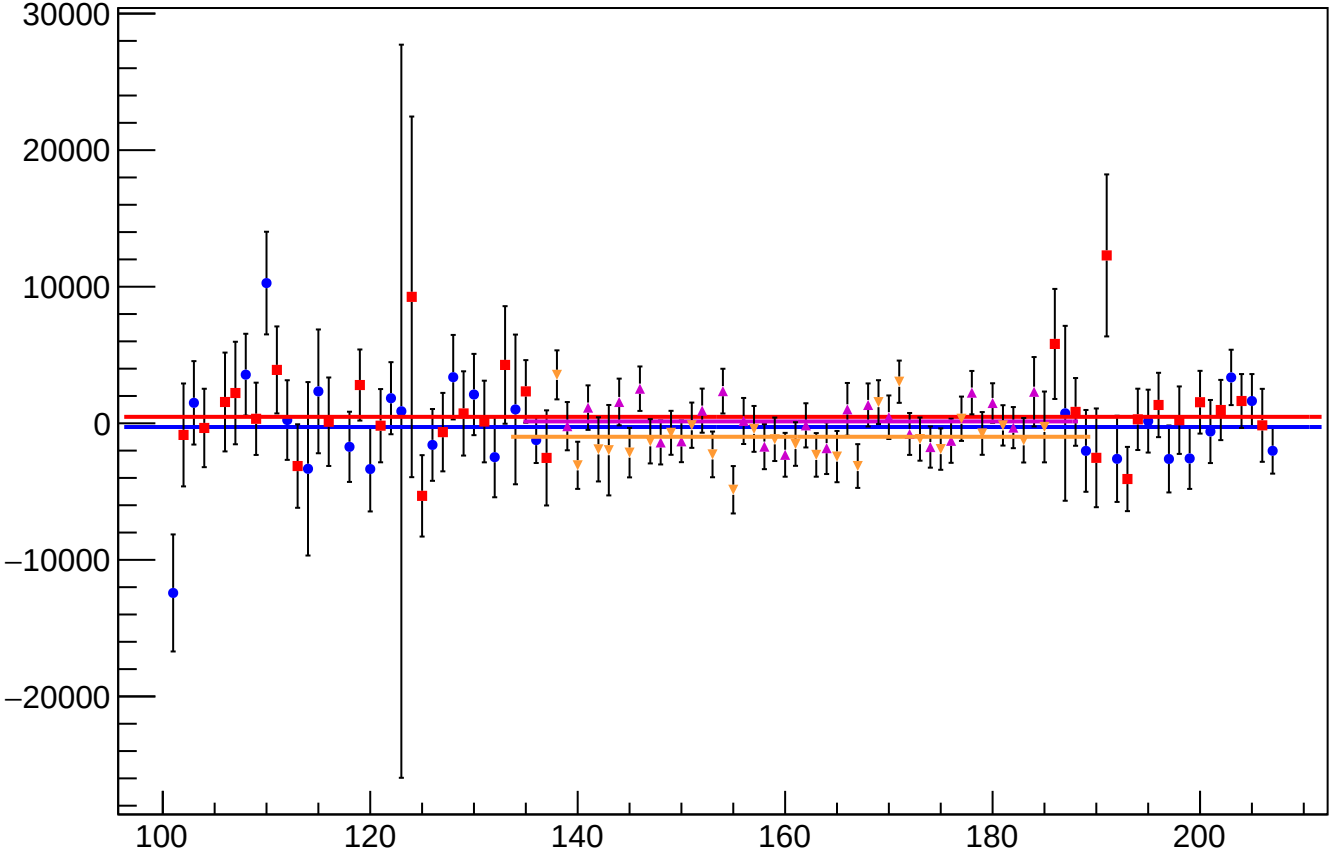
Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

+ sign 703.539+/-0.105 χ^2/NDF: 4684546.0/34

All: 704.618+/-0.074 χ^2/NDF: 10204646.8/69

- sign 705.706+/-0.105 χ^2/NDF: 5519887.0/34

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -272.634+/-524.159 χ^2/NDF: 31.8/26

Left Out: -987.247+/-339.757 χ^2/NDF:28.5/24

Right Out: 471.905+/-520.051 χ^2/NDF: 21.5/29

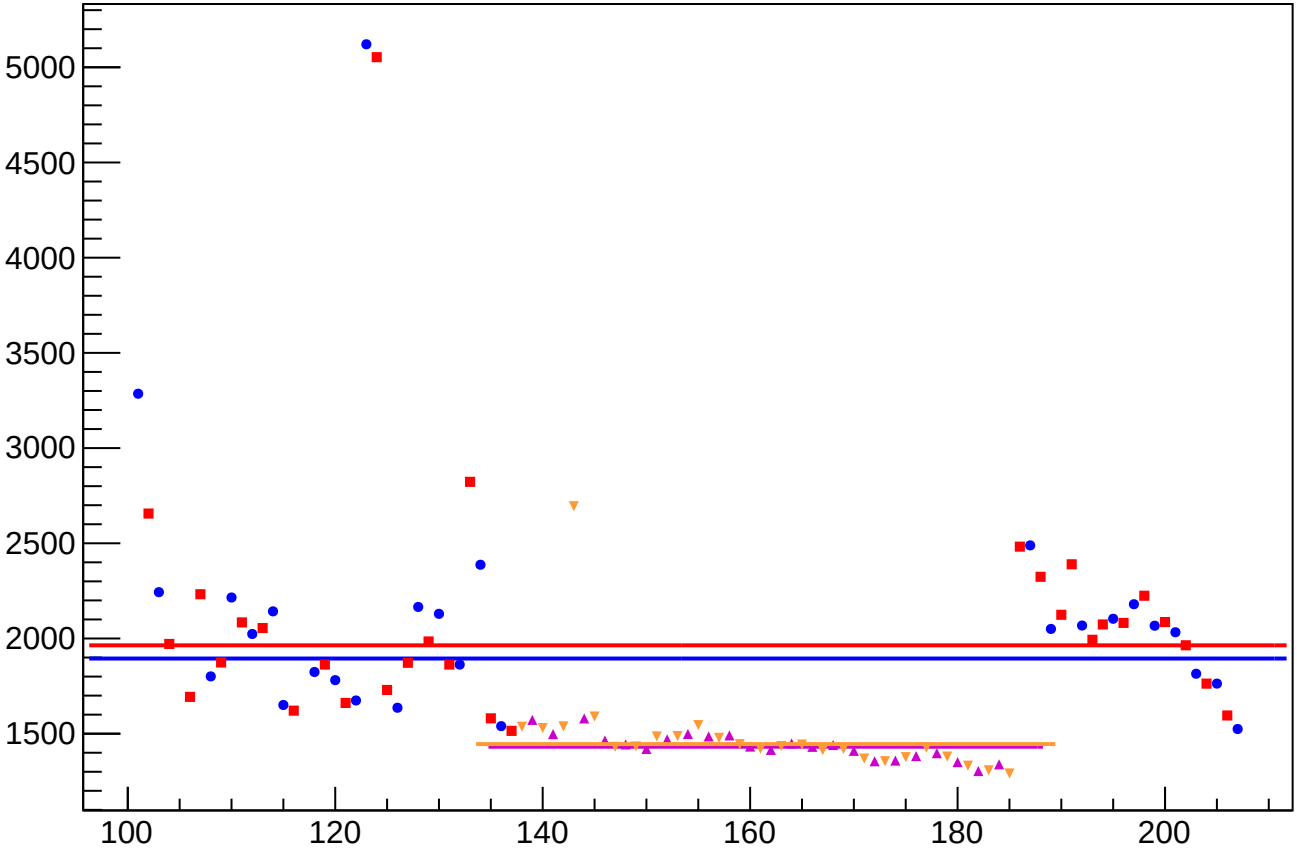
Left In: 137.780+/-342.262 χ^2/NDF:18.8/22

+ sign -775.828+/-285.102 χ^2/NDF: 61.6/51

All: -269.951+/-201.879 χ^2/NDF: 108.5/104

- sign 238.762+/-285.900 χ^2/NDF: 40.6/52

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1894.747+/-0.371 χ^2/NDF: 667412.5/26

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

Right Out: 1964.073+/-0.368 χ^2/NDF: 628218.7/29

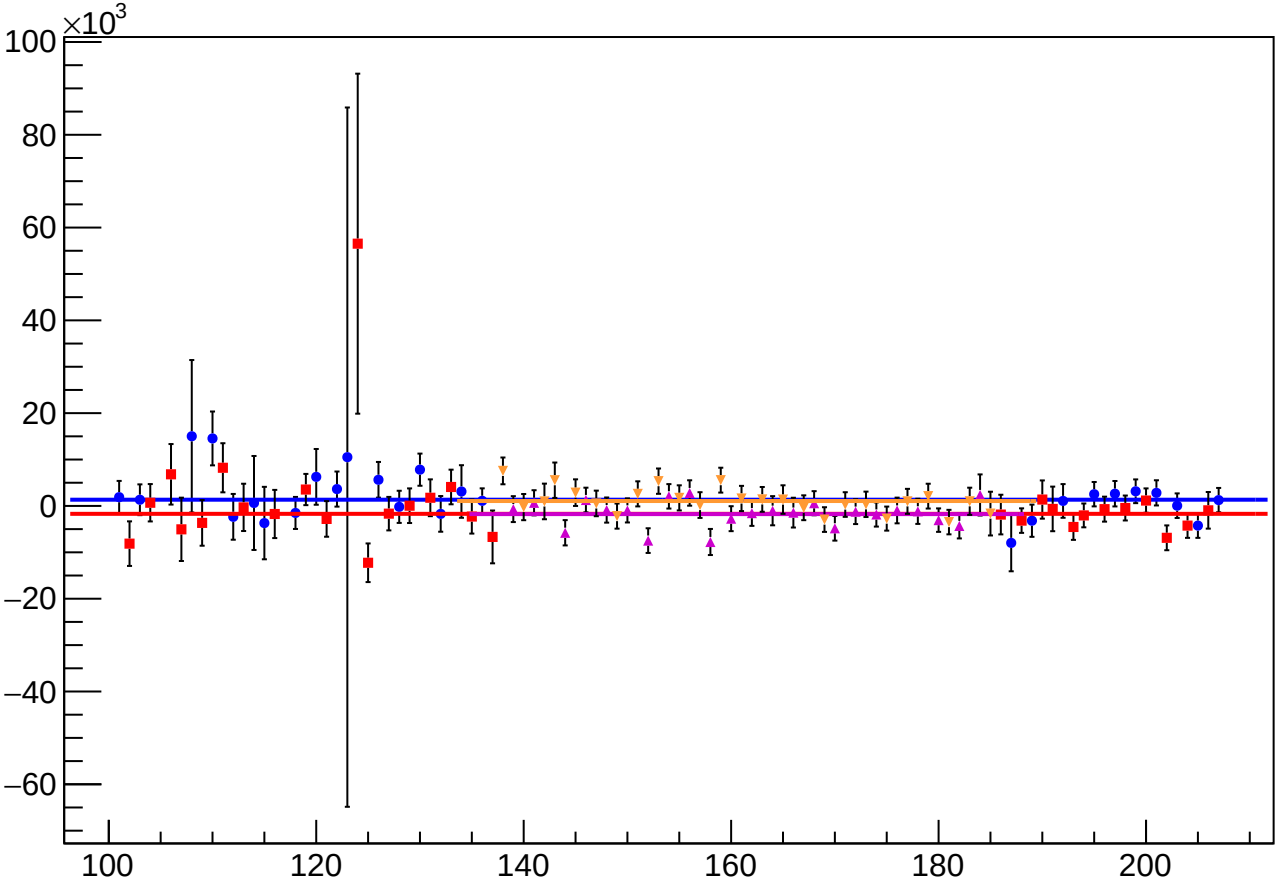
Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

+ sign 1578.353+/-0.202 χ^2/NDF: 2077175.1/51

All: 1585.445+/-0.143 χ^2/NDF: 4248362.4/10

- sign 1592.577+/-0.202 χ^2/NDF: 2168705.3/52

dit_asym_atl1_mean vs Slug



Right In: 1342.481+/-688.581 χ^2/NDF: 24.2/26

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: -1704.315+/-665.675 χ^2/NDF: 31.7/29

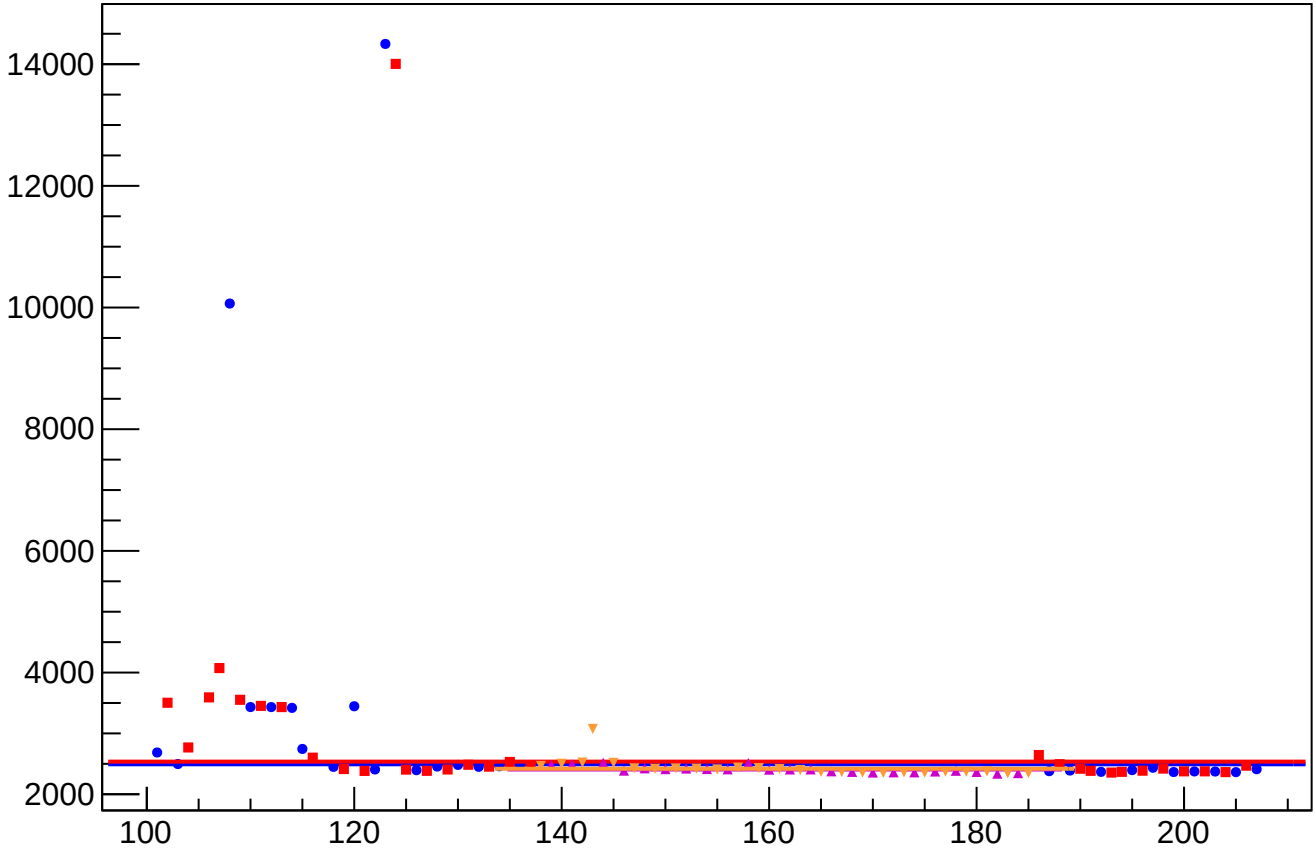
Left In: -1762.122+/-574.660 χ^2/NDF:23.2/22

+ sign 1172.335+/-437.357 χ^2/NDF: 47.0/51

All: -290.433+/-308.419 χ^2/NDF: 124.2/104

- sign -1737.438+/-434.994 χ^2/NDF: 54.9/52

dit_asym_atl1_rms vs Slug



Right In: 2492.419+/-0.487 χ^2/NDF: 705974.4/26

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

Right Out: 2536.028+/-0.471 χ^2/NDF: 716034.3/29

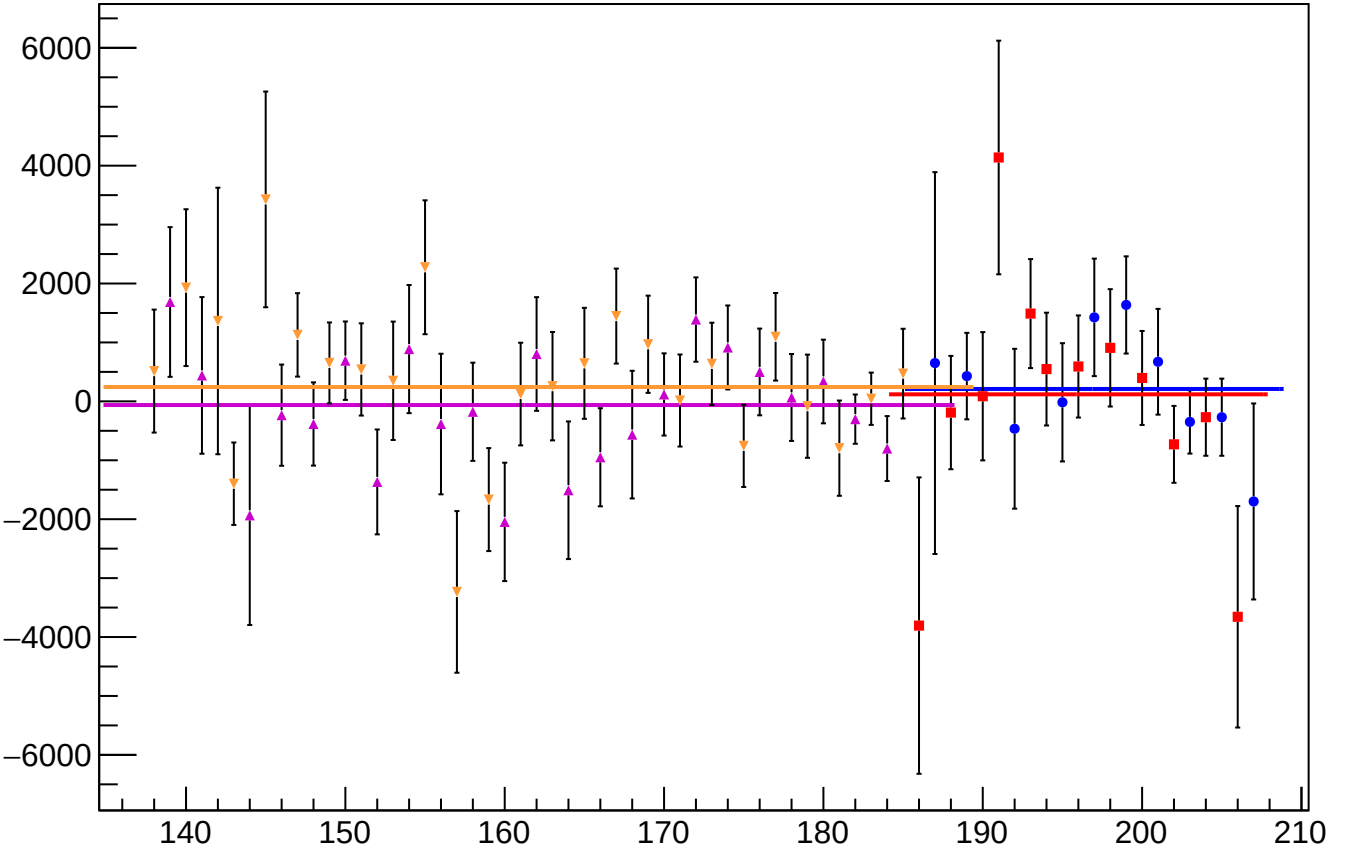
Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

+ sign 2448.602+/-0.309 χ^2/NDF: 794328.7/51

All: 2455.226+/-0.218 χ^2/NDF: 1569947.5/10

- sign 2461.778+/-0.308 χ^2/NDF: 774706.4/52

asym_atl1_correction_mean vs Slug



Right In: 210.380+/-273.561 χ^2/NDF: 8.1/9

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

Right Out: 119.312+/-272.405 χ^2/NDF: 16.2/11

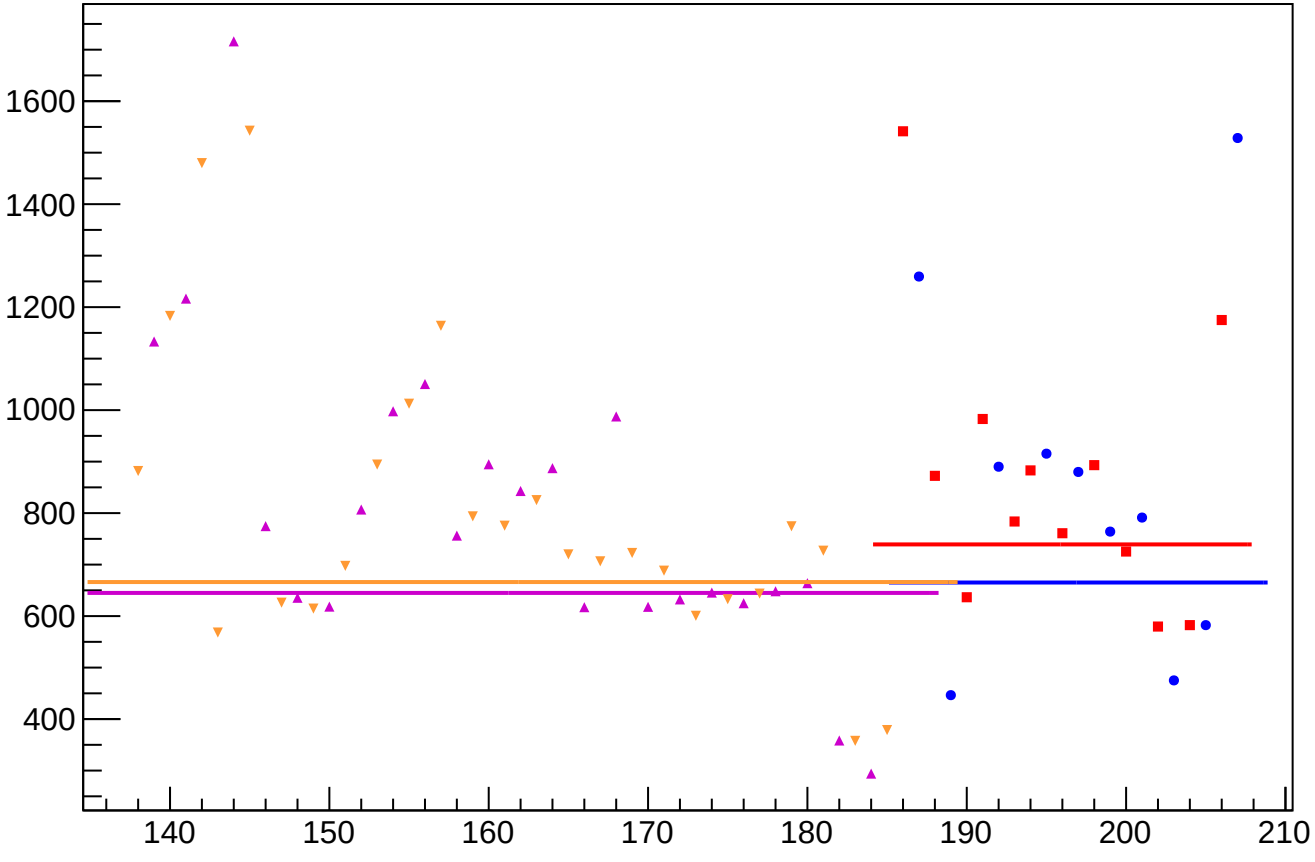
Left In: -62.569+/-164.169 χ^2/NDF:24.3/22

+ sign 234.480+/-140.622 χ^2/NDF: 44.1/34

All: 110.173+/-99.430 χ^2/NDF: 86.4/69

- sign -14.110+/-140.608 χ^2/NDF: 40.8/34

asym_atl1_correction_rms vs Slug



Right In: 665.213+/-0.193 χ^2/NDF: 1406025.4/9

Left Out: 666.133+/-0.116 χ^2/NDF:3190574.7/24

Right Out: 739.217+/-0.193 χ^2/NDF: 730961.6/11

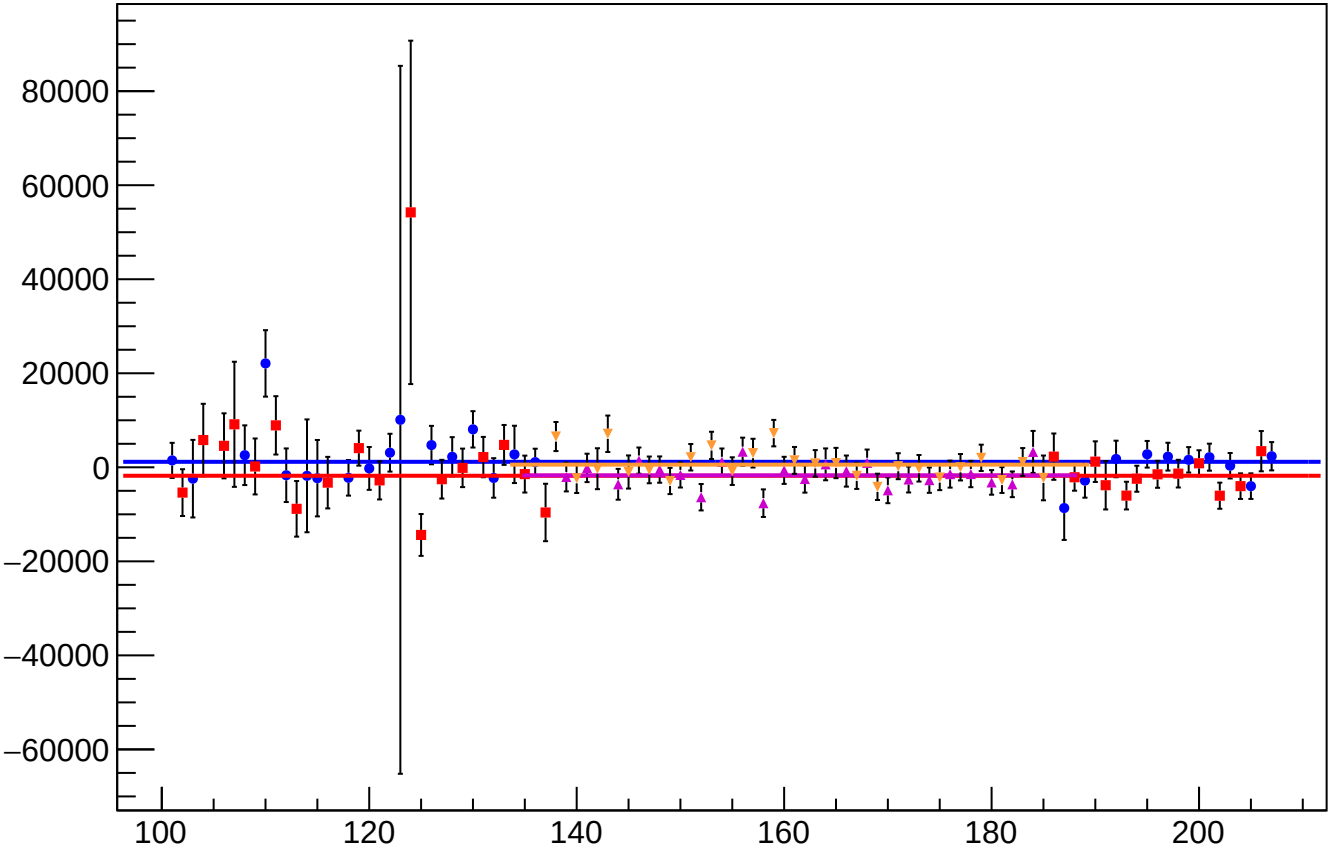
Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

+ sign 665.890+/-0.099 χ^2/NDF: 4596616.7/34

All: 668.001+/-0.070 χ^2/NDF: 9680243.0/69

- sign 670.111+/-0.099 χ^2/NDF: 5082725.0/34

asym_atl1_mean vs Slug



Right In: 1167.780+/-746.277 χ^2/NDF: 23.2/26

Left Out: 566.778+/-598.308 χ^2/NDF:25.2/24

Right Out: -1797.609+/-727.181 χ^2/NDF: 34.5/29

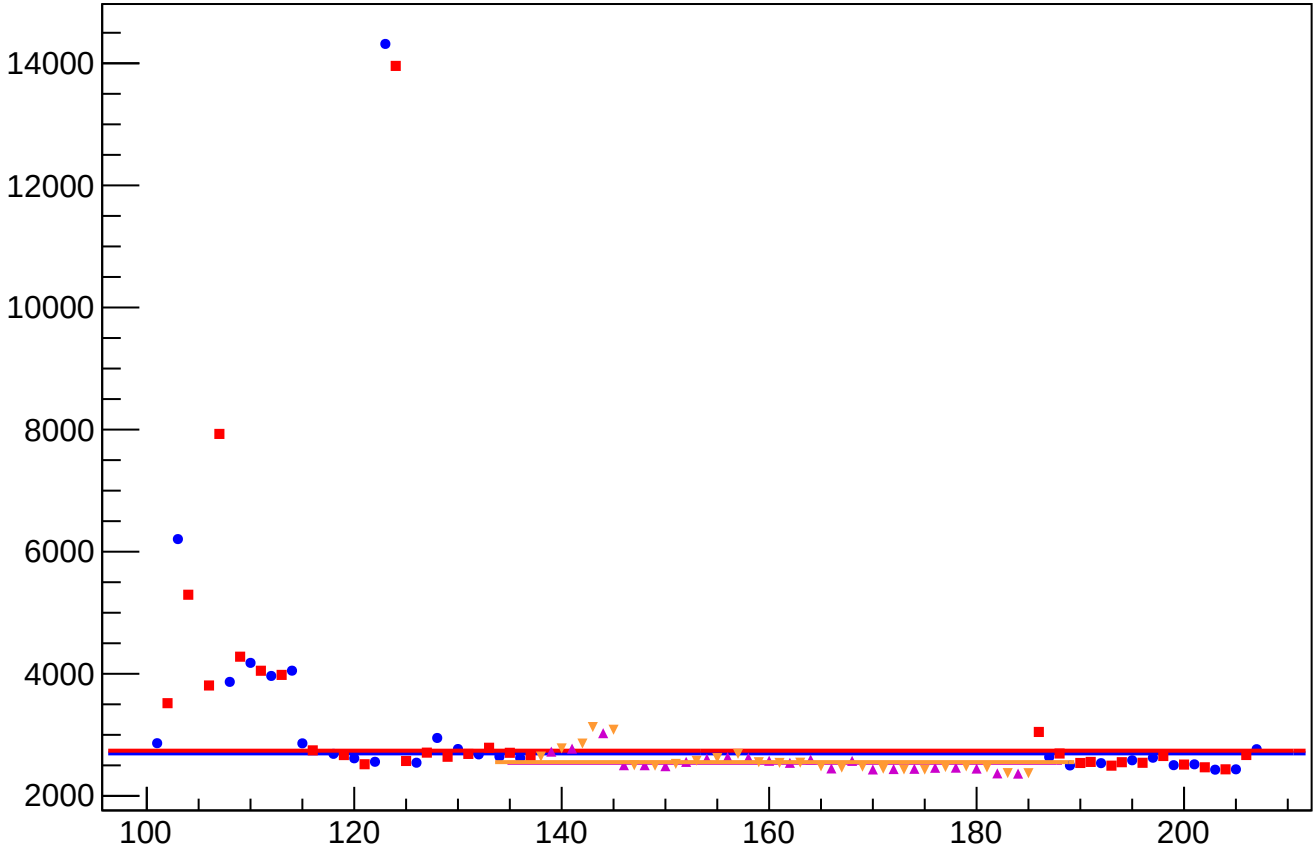
Left In: -1713.317+/-607.775 χ^2/NDF:18.1/22

+ sign 801.931+/-466.807 χ^2/NDF: 48.8/51

All: -474.301+/-329.917 χ^2/NDF: 116.2/104

- sign -1747.983+/-466.341 χ^2/NDF: 52.5/52

asym_atl1_rms vs Slug



Right In: 2696.292+/-0.528 χ^2/NDF: 781165.5/26

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

Right Out: 2740.620+/-0.514 χ^2/NDF: 1240334.1/29

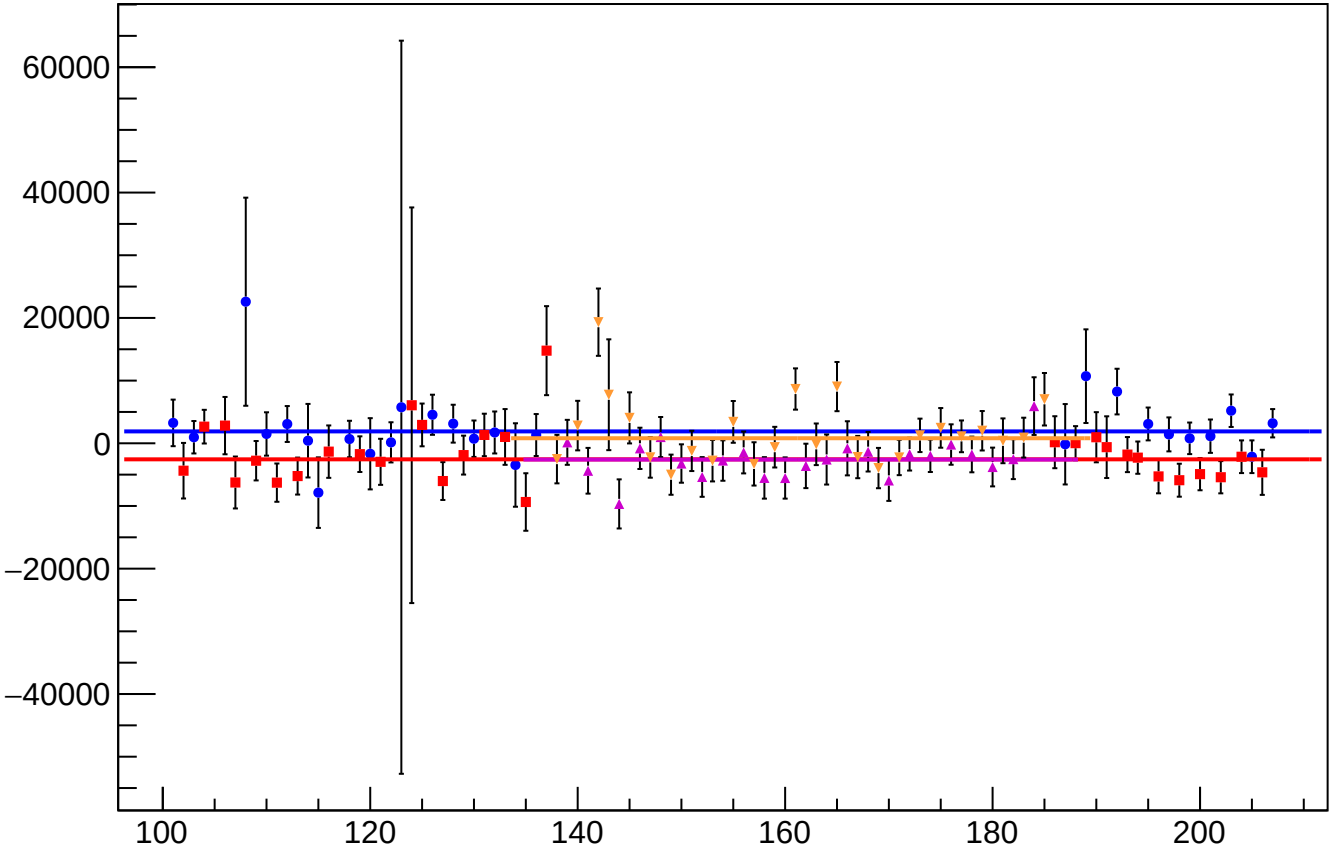
Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

+ sign 2609.124+/-0.330 χ^2/NDF: 974420.2/51

All: 2616.397+/-0.233 χ^2/NDF: 2400850.8/10

- sign 2623.656+/-0.330 χ^2/NDF: 1425460.5/52

dit_asym_atl2_mean vs Slug



Right In: 1897.531+/-638.179 χ^2/NDF: 17.0/26

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

Right Out: -2559.160+/-601.473 χ^2/NDF: 30.2/29

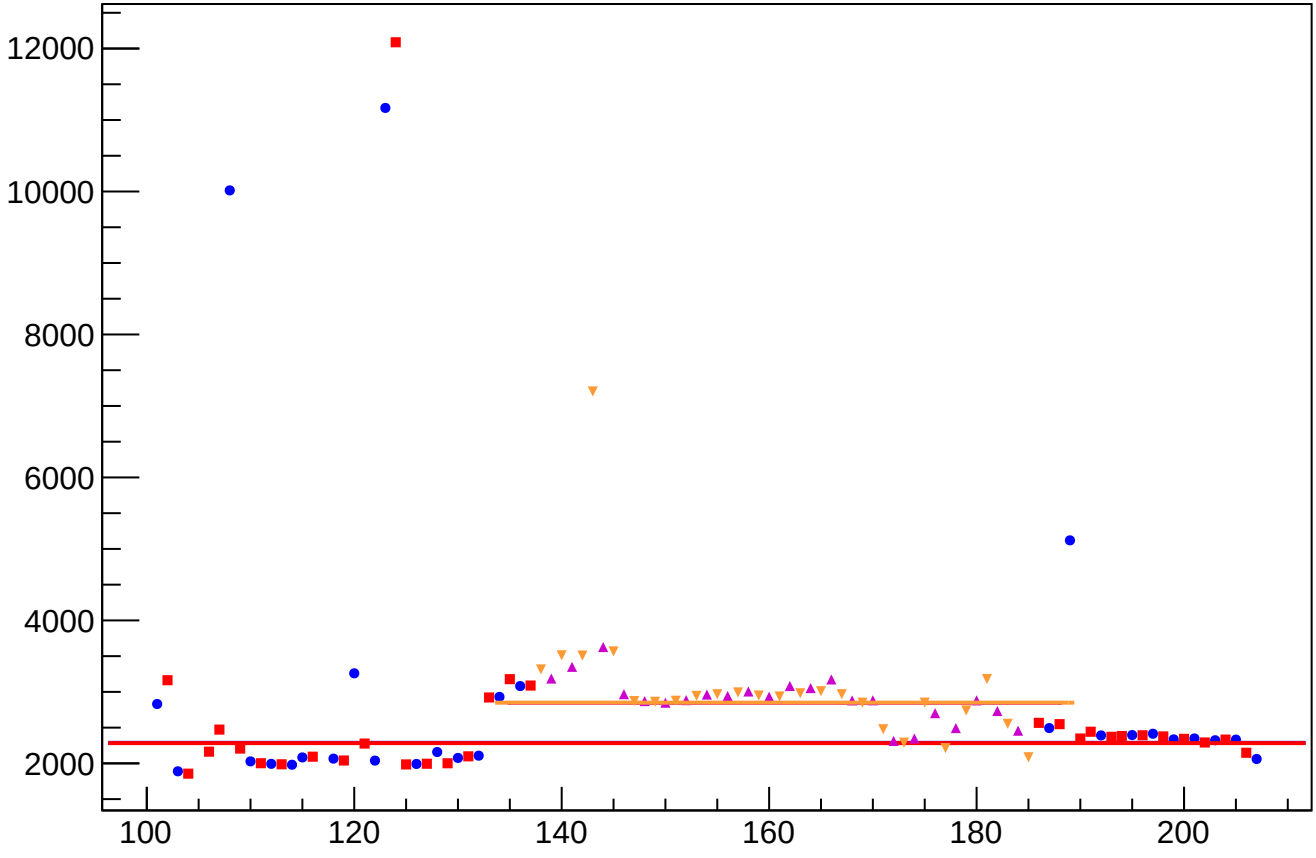
Left In: -2595.551+/-683.824 χ^2/NDF:14.0/22

+ sign 1384.979+/-464.544 χ^2/NDF: 57.6/51

All: -650.836+/-323.820 χ^2/NDF: 139.1/104

- sign -2575.033+/-451.630 χ^2/NDF: 44.2/52

dit_asym_atl2_rms vs Slug



Right In: 2287.180+/-0.451 χ^2/NDF: 1182542.4/26

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

Right Out: 2283.440+/-0.425 χ^2/NDF: 630564.2/29

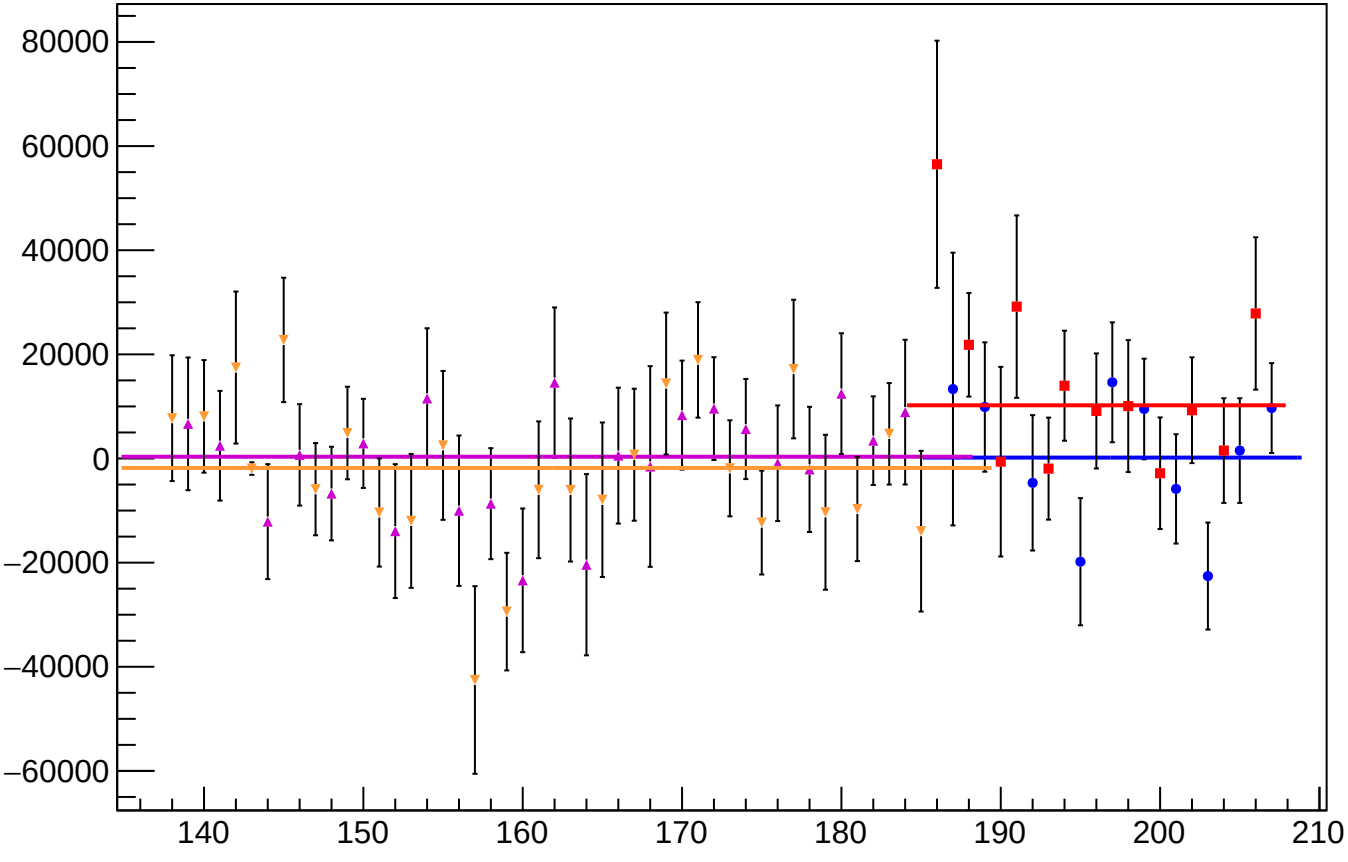
Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

+ sign 2551.428+/-0.328 χ^2/NDF: 2946400.7/51

All: 2539.479+/-0.229 χ^2/NDF: 4723399.0/10

- sign 2528.190+/-0.319 χ^2/NDF: 1774424.8/52

asym_atl2_correction_mean vs Slug



Right In: 174.525+/-3520.703 χ^2/NDF: 12.7/9

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: 10213.844+/-3431.586 χ^2/NDF: 12.1/11

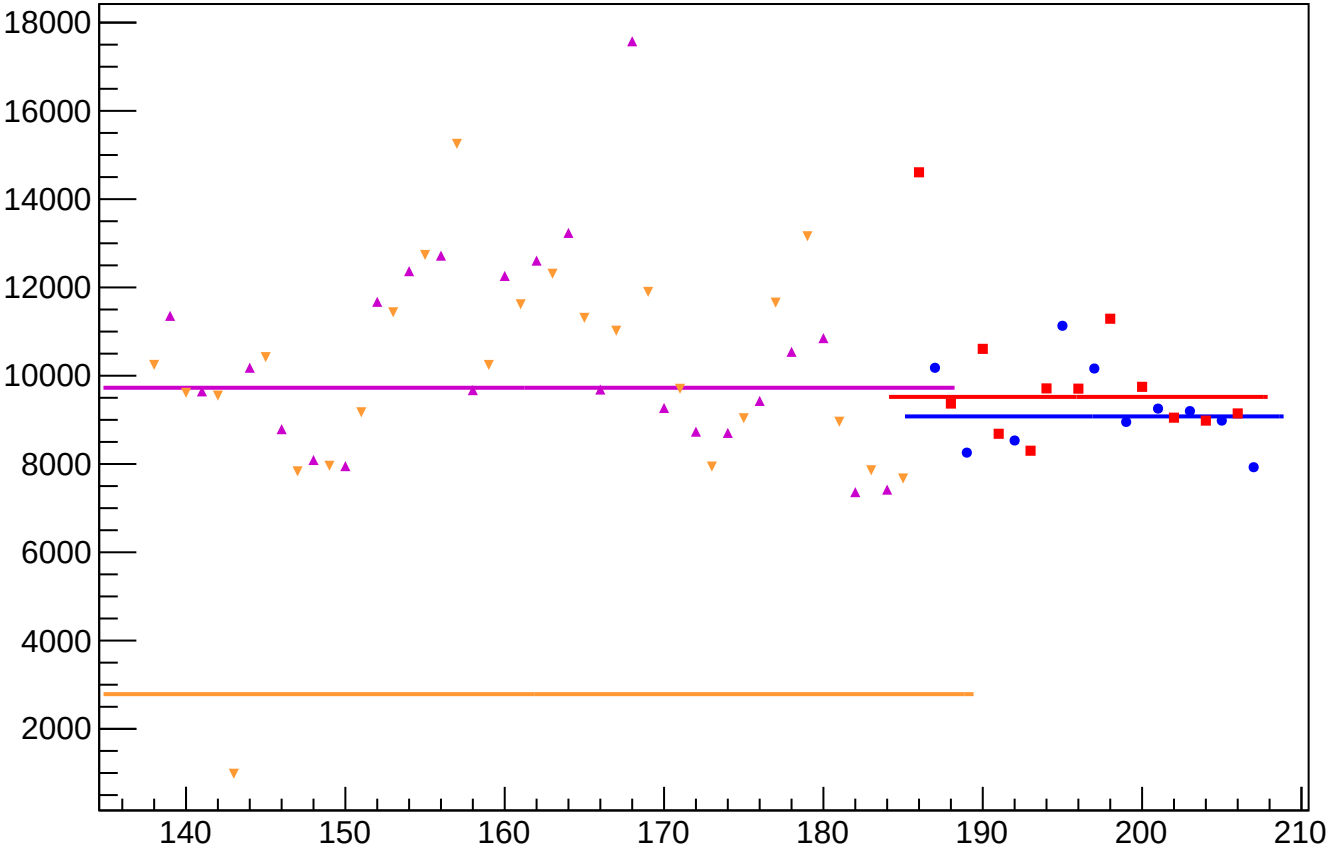
Left In: 339.260+/-2365.986 χ^2/NDF:14.2/22

+ sign -1640.388+/-1030.916 χ^2/NDF: 44.2/34

All: -511.019+/-911.171 χ^2/NDF: 81.5/69

- sign 3520.904+/-1947.876 χ^2/NDF: 31.9/34

asym_atl2_correction_rms vs Slug



Right In: 9078.229+/-2.490 χ^2/NDF: 126984.7/9

Left Out: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

Right Out: 9520.137+/-2.426 χ^2/NDF: 187475.7/11

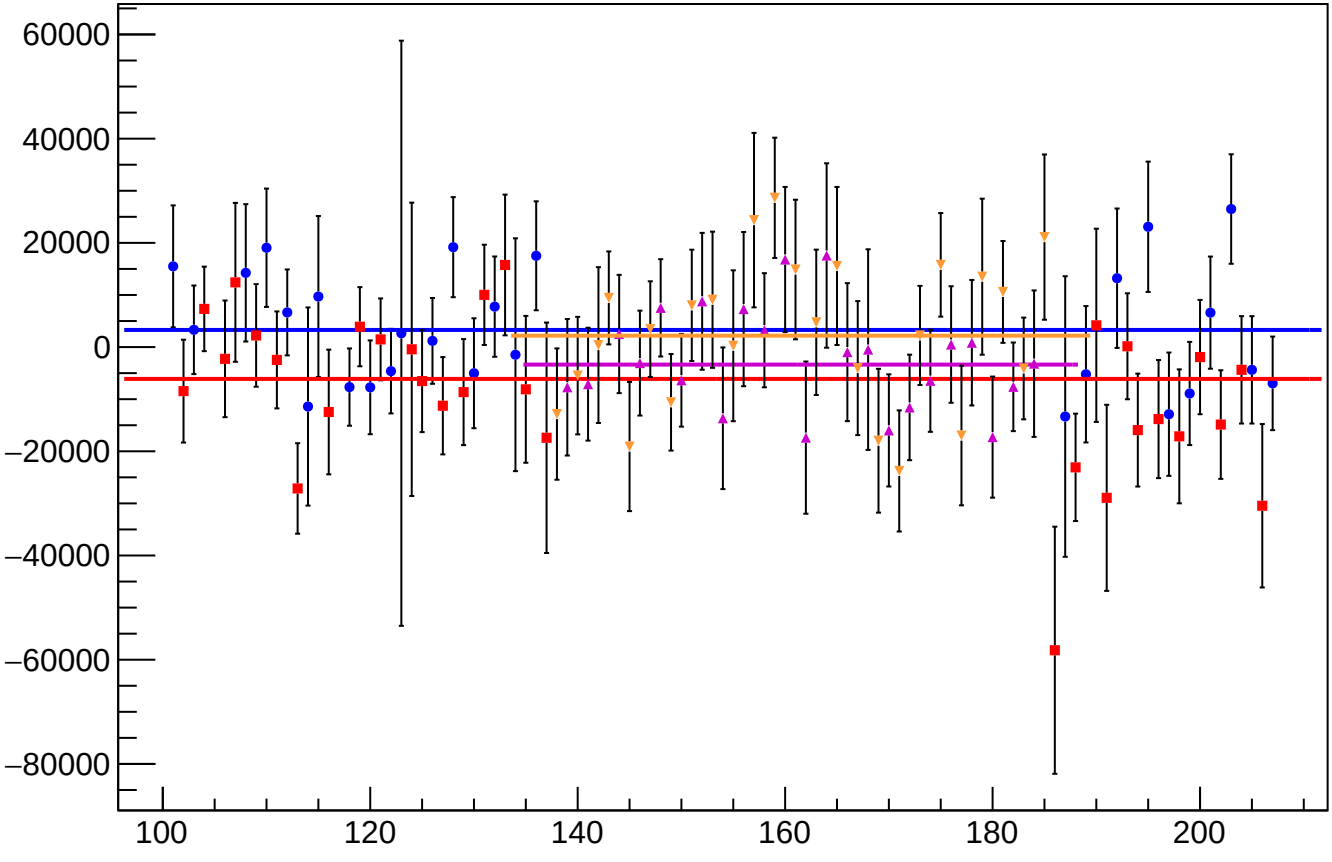
Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

+ sign 3325.922+/-0.729 χ^2/NDF: 28829669.6/34

All: 4712.029+/-0.644 χ^2/NDF: 46806893.6/6

- sign 9660.520+/-1.377 χ^2/NDF: 1453820.7/34

asym_atl2_mean vs Slug



Right In: 3288.572+/-2063.104 χ^2/NDF: 28.9/26

Left Out: 2192.629+/-2346.604 χ^2/NDF:31.2/24

Right Out: -6107.773+/-2000.731 χ^2/NDF: 35.4/29

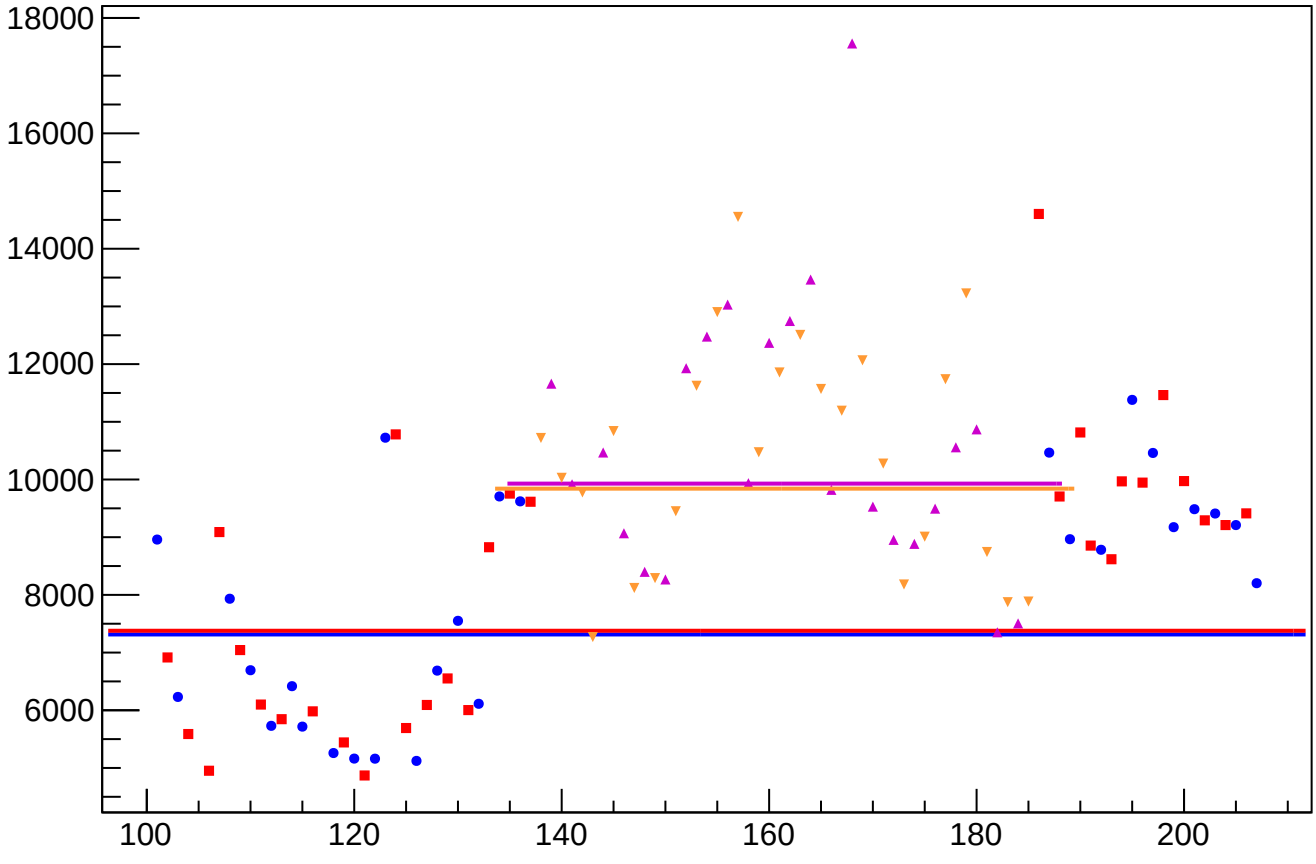
Left In: -3362.489+/-2413.842 χ^2/NDF:12.8/22

+ sign 2810.769+/-1549.425 χ^2/NDF: 60.2/51

All: -1112.326+/-1092.400 χ^2/NDF: 121.9/10

- sign -4989.801+/-1540.389 χ^2/NDF: 49.0/52

asym_atl2_rms vs Slug



Right In: 7313.886+/-1.459 χ^2/NDF: 1656032.5/26

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

Right Out: 7378.283+/-1.415 χ^2/NDF: 2060198.7/29

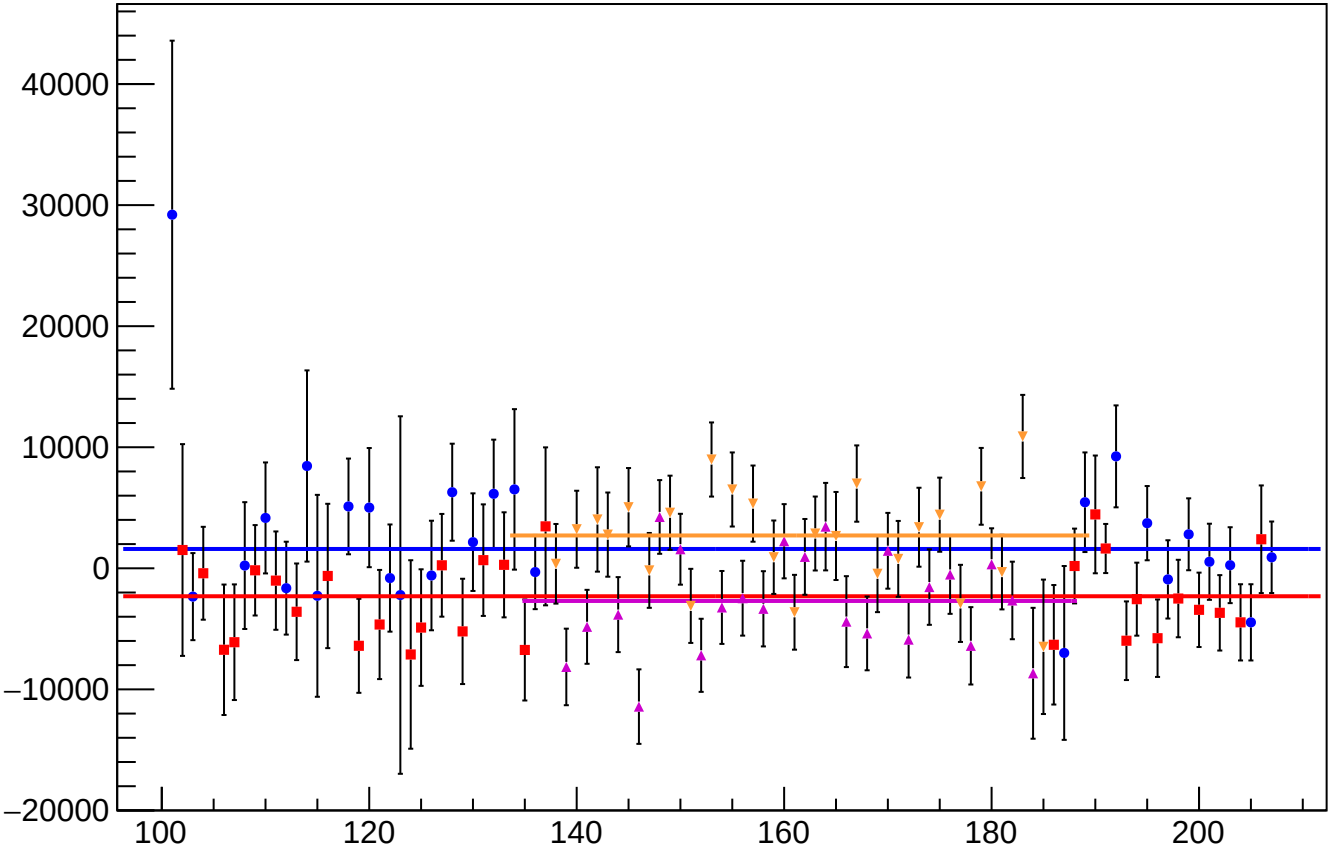
Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

+ sign 8415.705+/-1.096 χ^2/NDF: 4149343.2/51

All: 8416.273+/-0.772 χ^2/NDF: 8753832.7/10

- sign 8416.835+/-1.089 χ^2/NDF: 4604489.0/52

dit_asym_atr1_mean vs Slug



Right In: 1597.447+/-779.457 χ^2/NDF: 23.1/26

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

Right Out: -2308.598+/-700.346 χ^2/NDF: 19.3/29

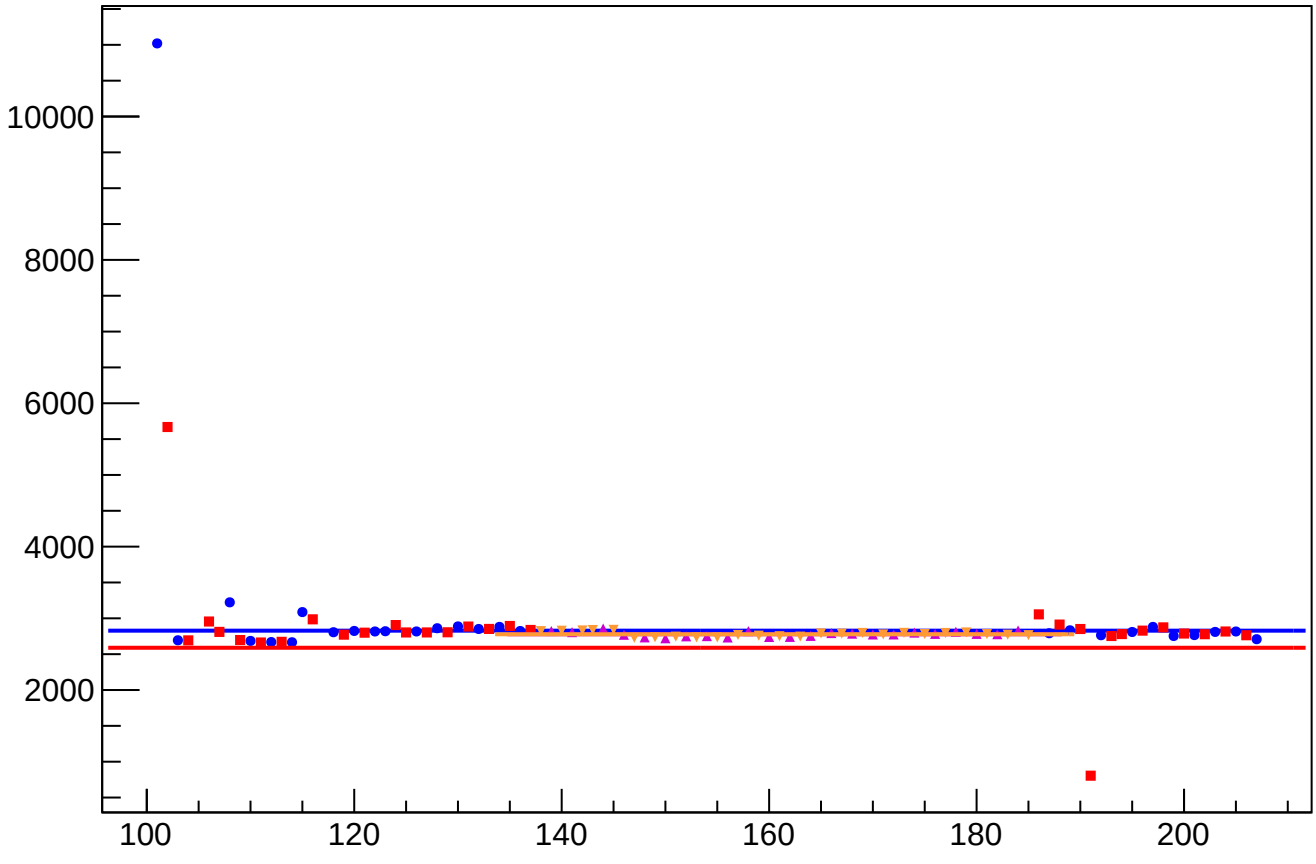
Left In: -2697.794+/-662.544 χ^2/NDF:36.1/22

+ sign 2256.143+/-498.671 χ^2/NDF: 59.0/51

All: -213.458+/-346.308 χ^2/NDF: 161.9/104

- sign -2513.982+/-481.298 χ^2/NDF: 55.5/52

dit_asym_atr1_rms vs Slug



Right In: 2827.836+/-0.551 χ^2/NDF: 679014.4/26

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

Right Out: 2589.295+/-0.495 χ^2/NDF: 1992195.9/29

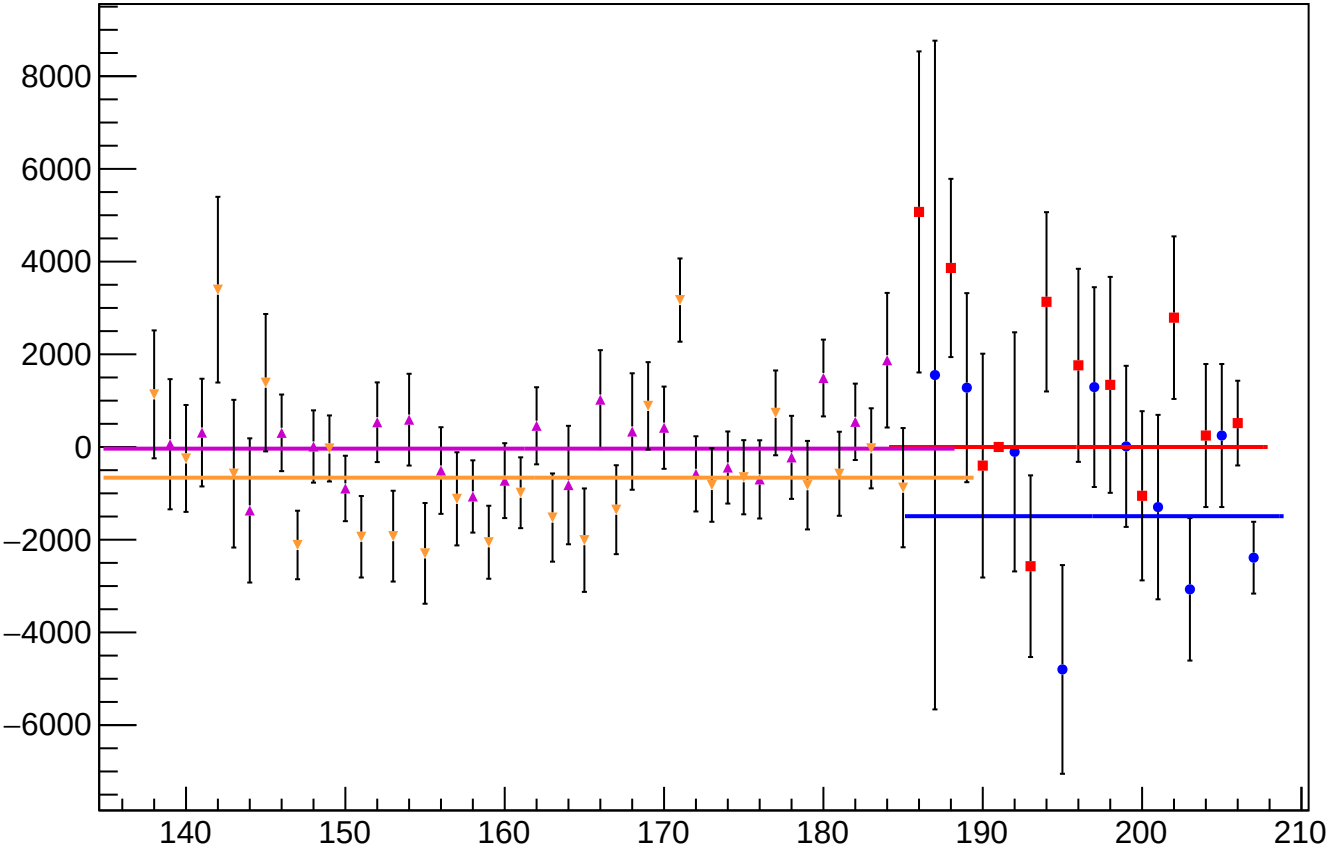
Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

+ sign 2798.073+/-0.353 χ^2/NDF: 689204.0/51

All: 2741.364+/-0.245 χ^2/NDF: 2812950.2/10

- sign 2688.537+/-0.340 χ^2/NDF: 2073787.2/52

asym_atr1_correction_mean vs Slug



Right In: -1492.480+/-505.315 χ^2/NDF: 10.6/9

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

Right Out: 0.304+/-4.105 χ^2/NDF: 14.8/11

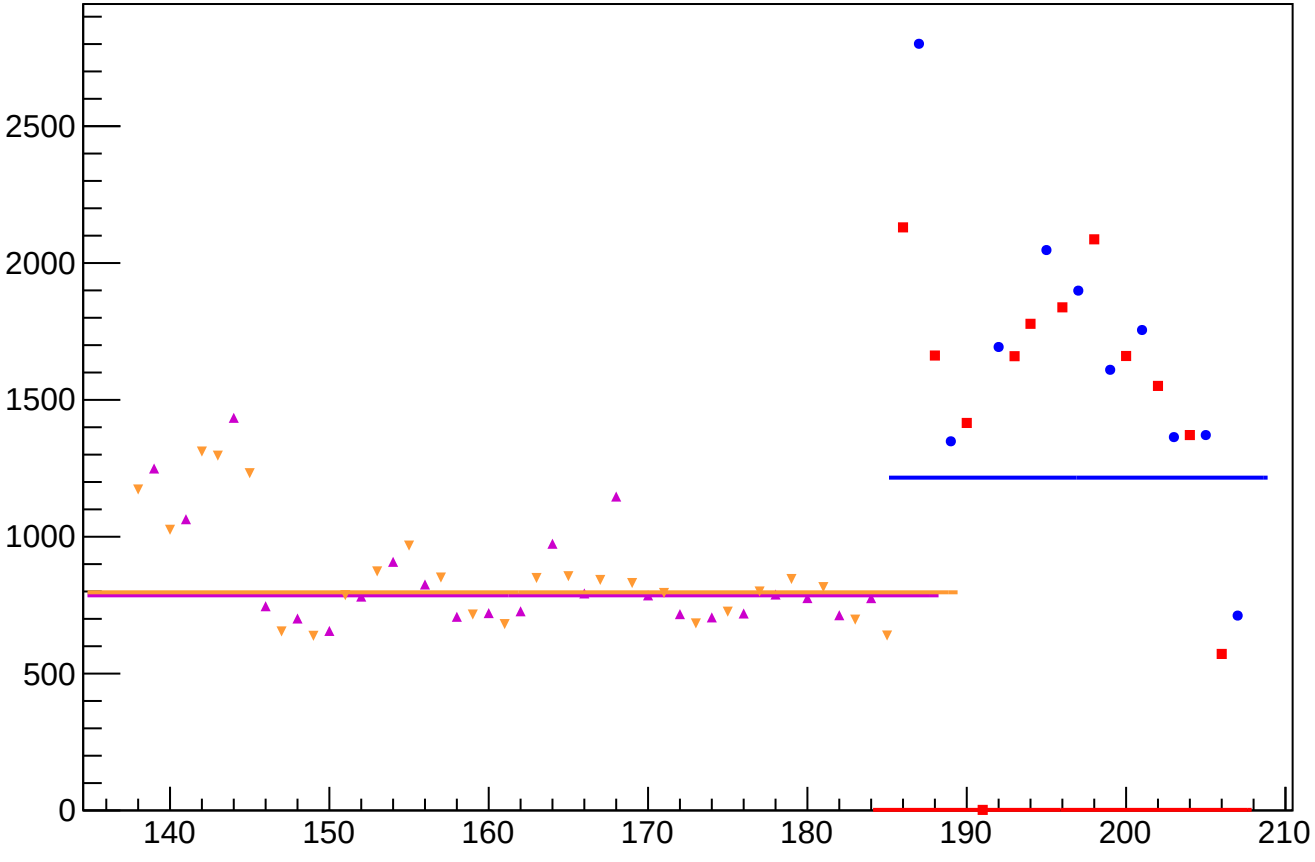
Left In: -35.366+/-190.553 χ^2/NDF:15.1/22

+ sign -764.869+/-178.026 χ^2/NDF: 61.6/34

All: -0.119+/-4.103 χ^2/NDF: 110.0/69

- sign 0.287+/-4.104 χ^2/NDF: 29.9/34

asym_atr1_correction_rms vs Slug



Right In: 1215.919+/-0.357 χ^2/NDF: 1782804.1/9

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 2.119+/-0.003 χ^2/NDF: 14768006.8/11

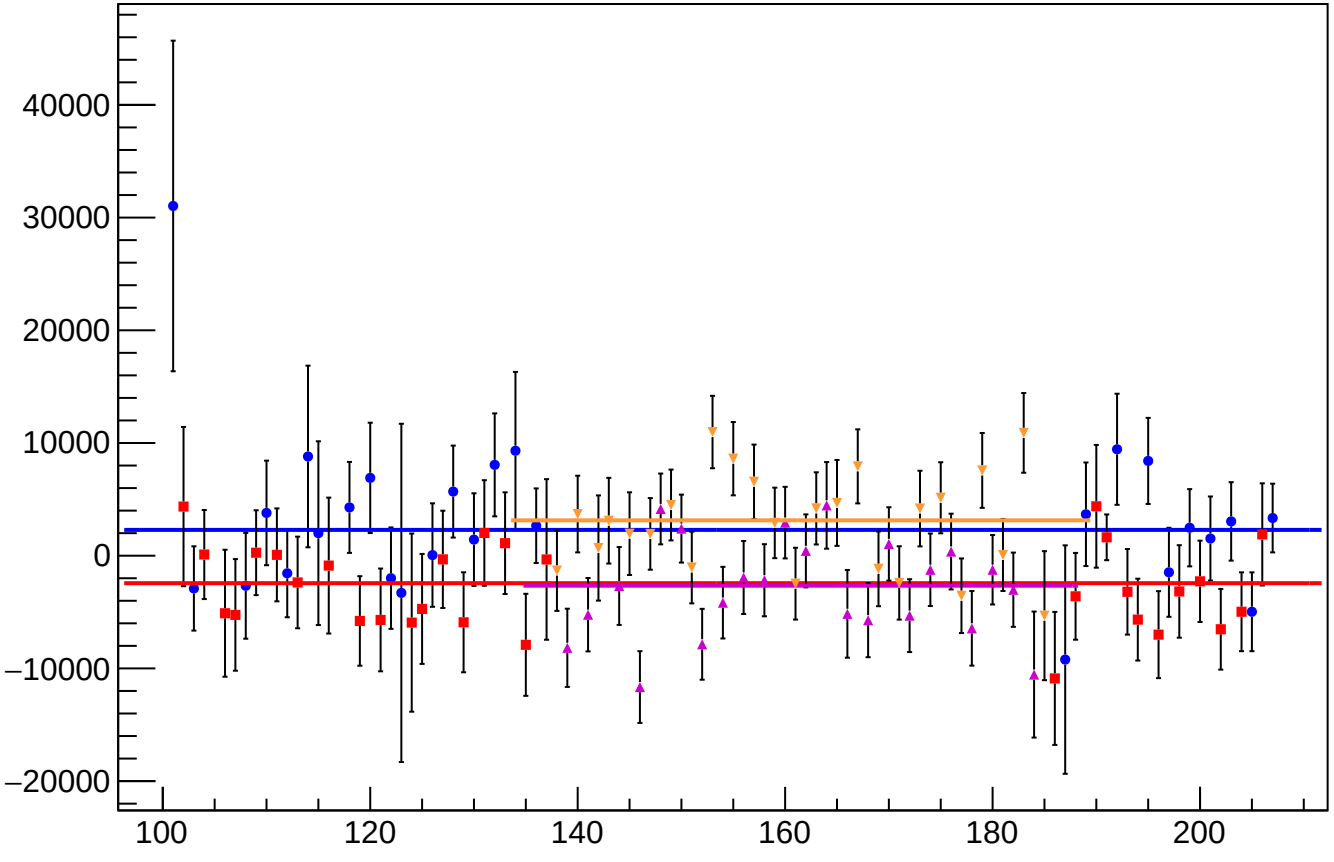
Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

+ sign 848.991+/-0.126 χ^2/NDF: 4161677.2/34

All: 2.932+/-0.003 χ^2/NDF: 99074569.1/69

- sign 2.482+/-0.003 χ^2/NDF: 49717372.0/34

asym_atr1_mean vs Slug



Right In: 2289.961+/-842.865 χ^2/NDF: 25.9/26

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: -2437.957+/-757.893 χ^2/NDF: 21.1/29

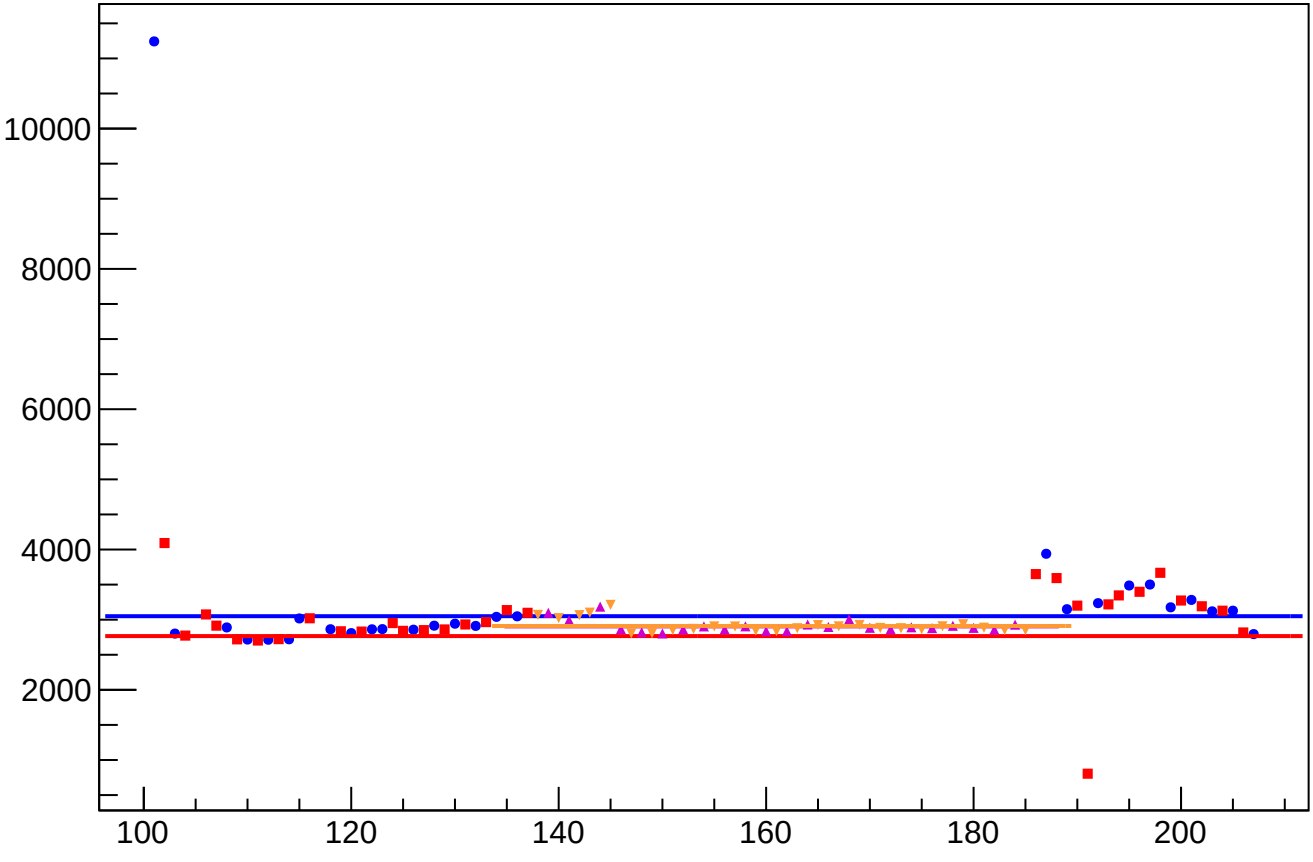
Left In: -2659.828+/-693.121 χ^2/NDF:36.9/22

+ sign 2804.339+/-529.342 χ^2/NDF: 64.8/51

All: 30.764+/-367.824 χ^2/NDF: 176.0/104

- sign -2558.777+/-511.479 χ^2/NDF: 58.1/52

asym_atr1_rms vs Slug



Right In: 3049.758+/-0.596 χ^2/NDF: 783288.7/26

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

Right Out: 2766.176+/-0.536 χ^2/NDF: 2449273.1/29

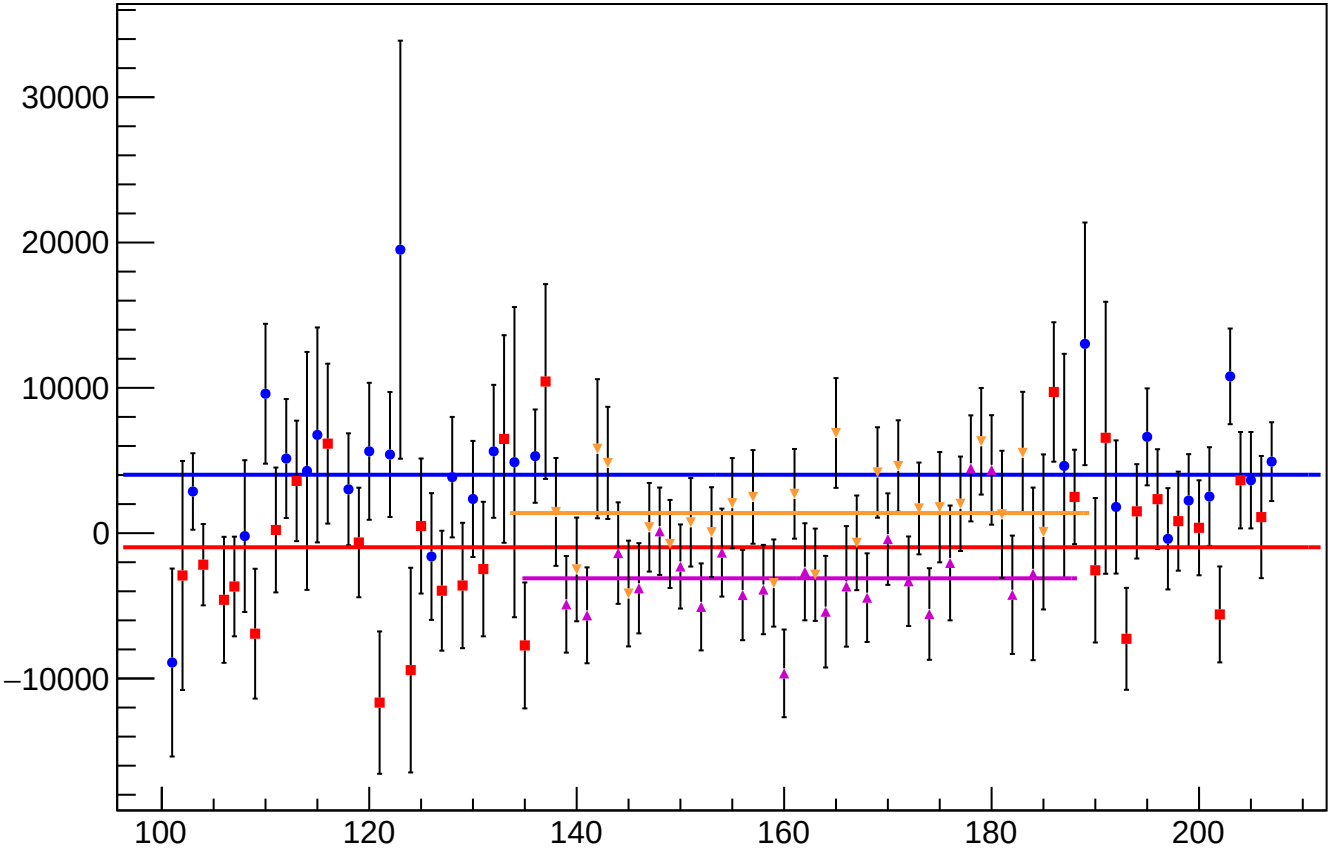
Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

+ sign 2965.342+/-0.374 χ^2/NDF: 852497.0/51

All: 2901.296+/-0.260 χ^2/NDF: 3425084.7/10

- sign 2841.500+/-0.362 χ^2/NDF: 2515974.1/52

dit_asym_atr2_mean vs Slug



Right In: 4019.909+/-791.954 χ^2/NDF: 18.4/26

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

Right Out: -970.374+/-749.437 χ^2/NDF: 36.2/29

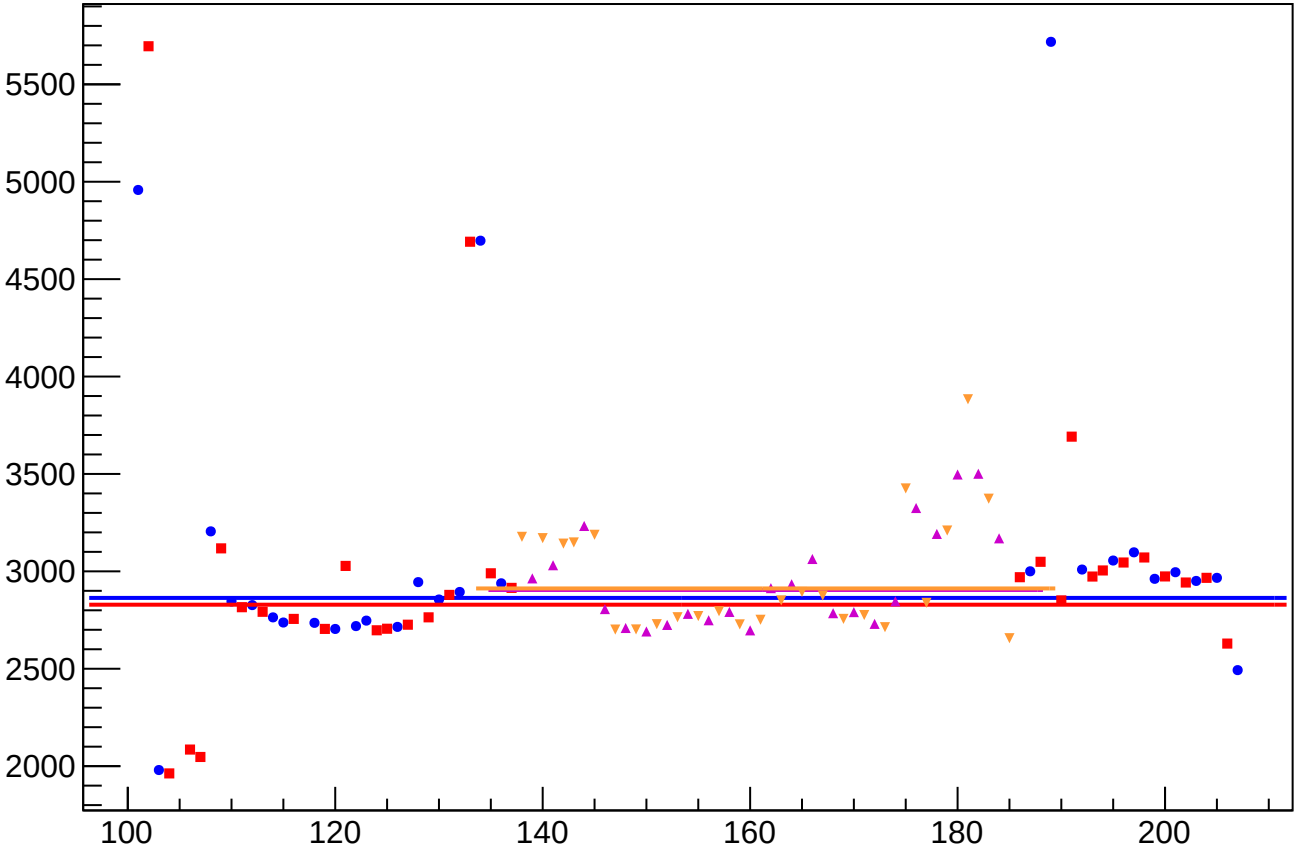
Left In: -3106.878+/-695.685 χ^2/NDF:18.4/22

+ sign 2512.707+/-517.935 χ^2/NDF: 42.8/51

All: 161.022+/-363.350 χ^2/NDF: 142.3/104

- sign -2117.985+/-509.868 χ^2/NDF: 59.0/52

dit_asym_atr2_rms vs Slug



Right In: 2863.628+/-0.560 χ^2/NDF: 812734.9/26

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2828.804+/-0.530 χ^2/NDF: 847124.4/29

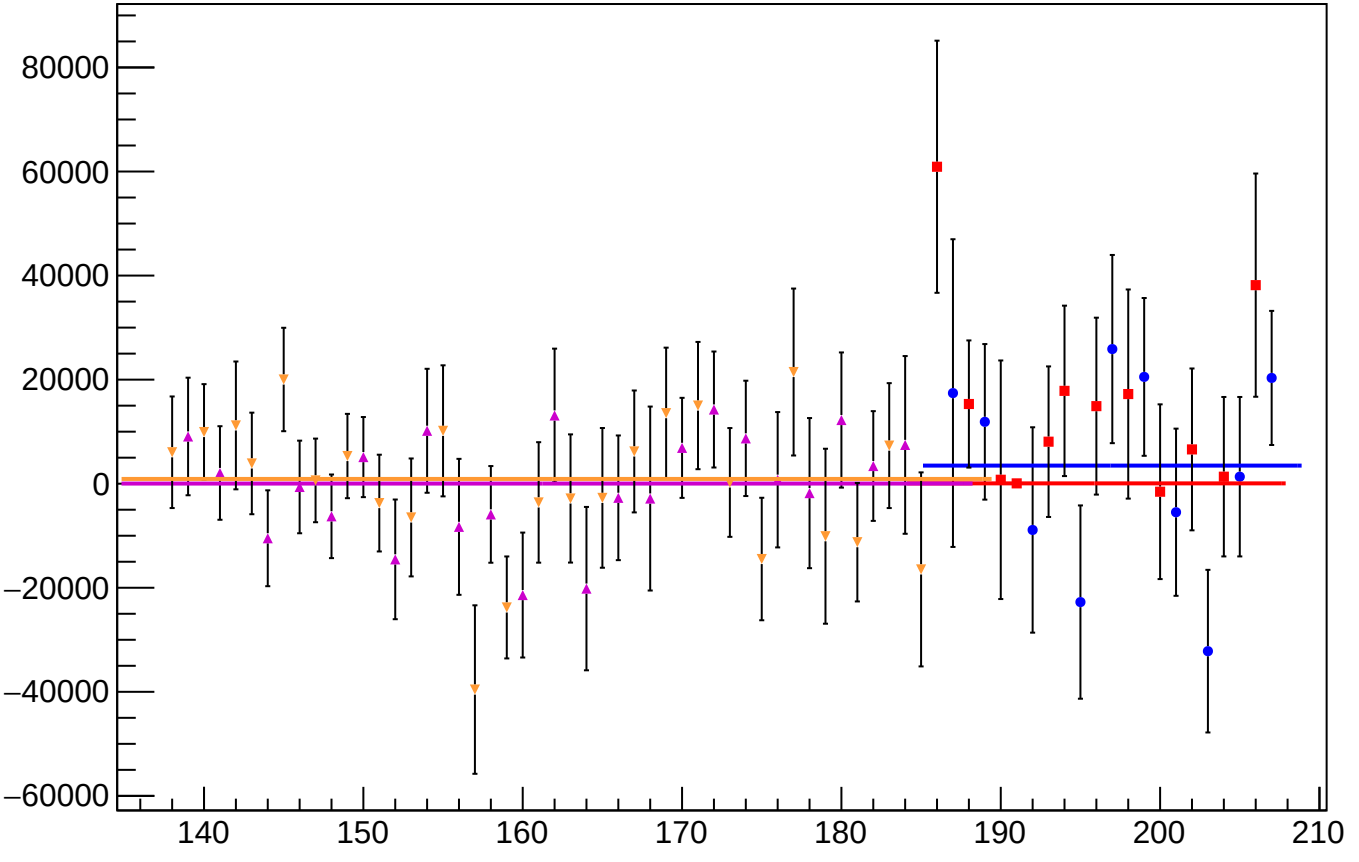
Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

+ sign 2891.431+/-0.366 χ^2/NDF: 1107950.7/51

All: 2880.263+/-0.257 χ^2/NDF: 2185438.4/10

- sign 2869.442+/-0.361 χ^2/NDF: 1075656.8/52

asym_atr2_correction_mean vs Slug



Right In: 3478.294+/-5217.275 χ^2/NDF: 13.0/9

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: 63.112+/-29.129 χ^2/NDF: 14.2/11

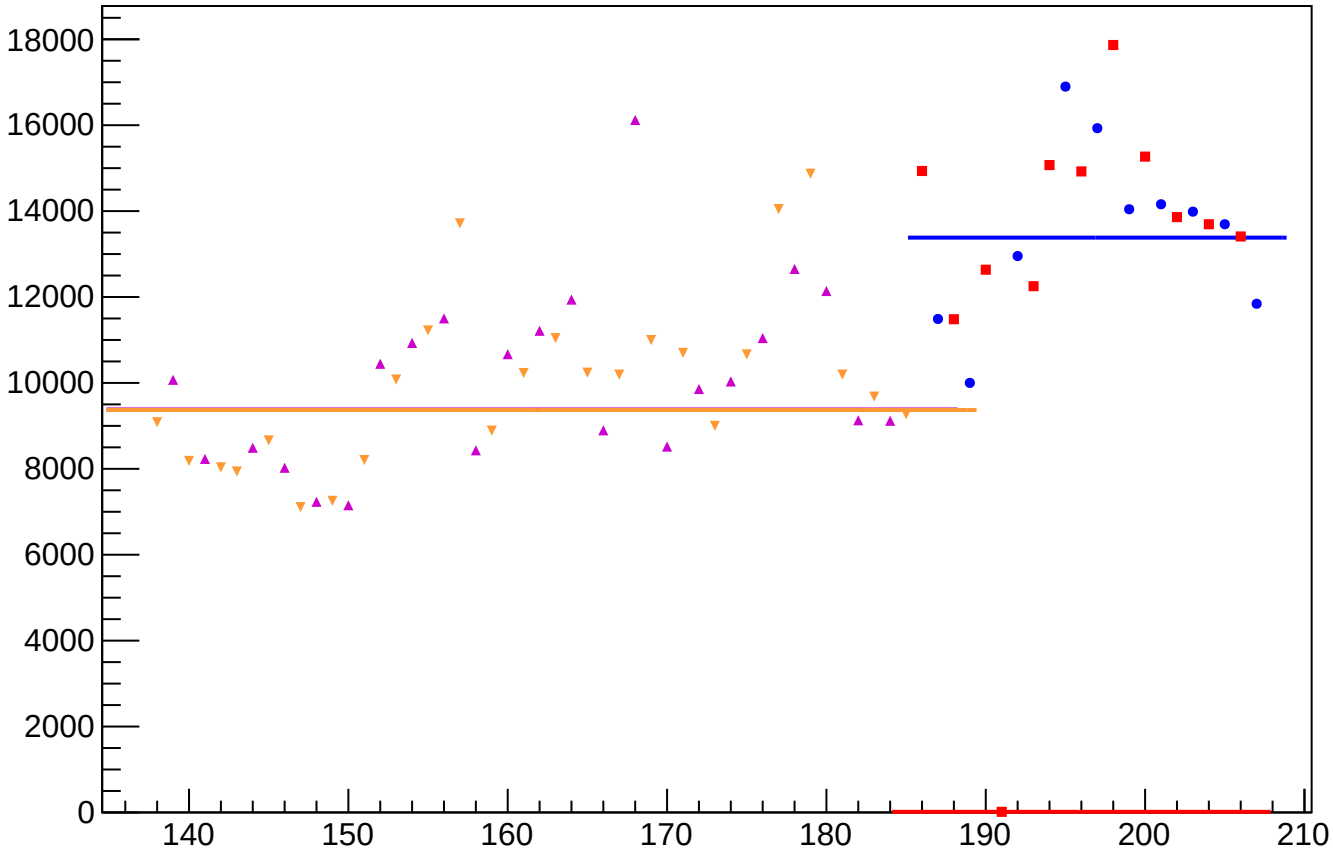
Left In: 25.729+/-2280.428 χ^2/NDF:16.1/22

+ sign 1314.516+/-2057.349 χ^2/NDF: 41.9/34

All: 63.357+/-29.124 χ^2/NDF: 72.6/69

- sign 63.106+/-29.126 χ^2/NDF: 30.3/34

asym_atr2_correction_rms vs Slug



Right In: 13382.434+/-3.689 χ^2/NDF: 263671.2/9

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.892+/-0.021 χ^2/NDF: 14971453.1/11

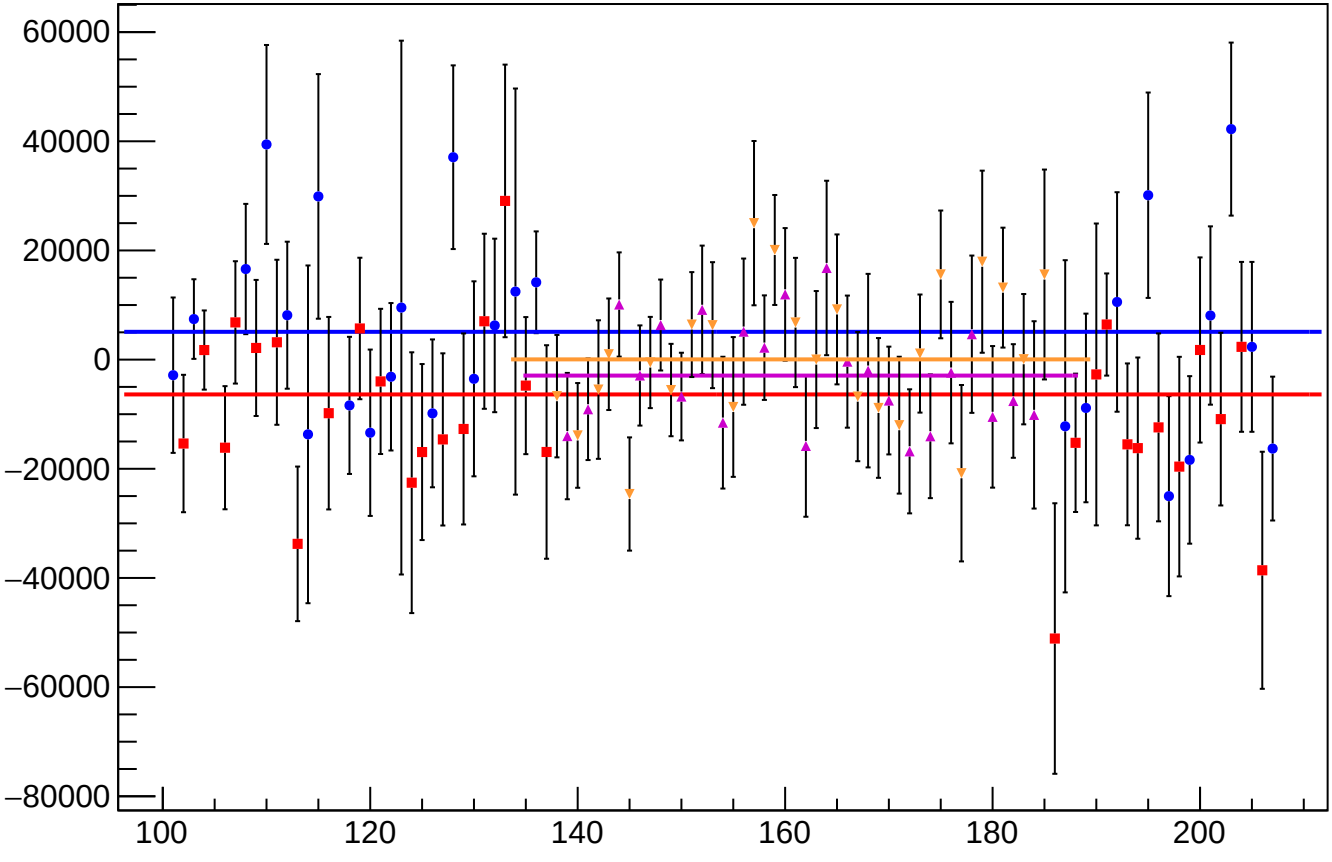
Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

+ sign 9993.115+/-1.455 χ^2/NDF: 2446148.3/34

All: 18.420+/-0.021 χ^2/NDF: 99389826.6/69

- sign 16.421+/-0.021 χ^2/NDF: 49921757.9/34

asym_atr2_mean vs Slug



Right In: 5092.026+/-2866.130 χ^2/NDF: 31.6/26

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: -6377.566+/-2604.468 χ^2/NDF: 23.5/29

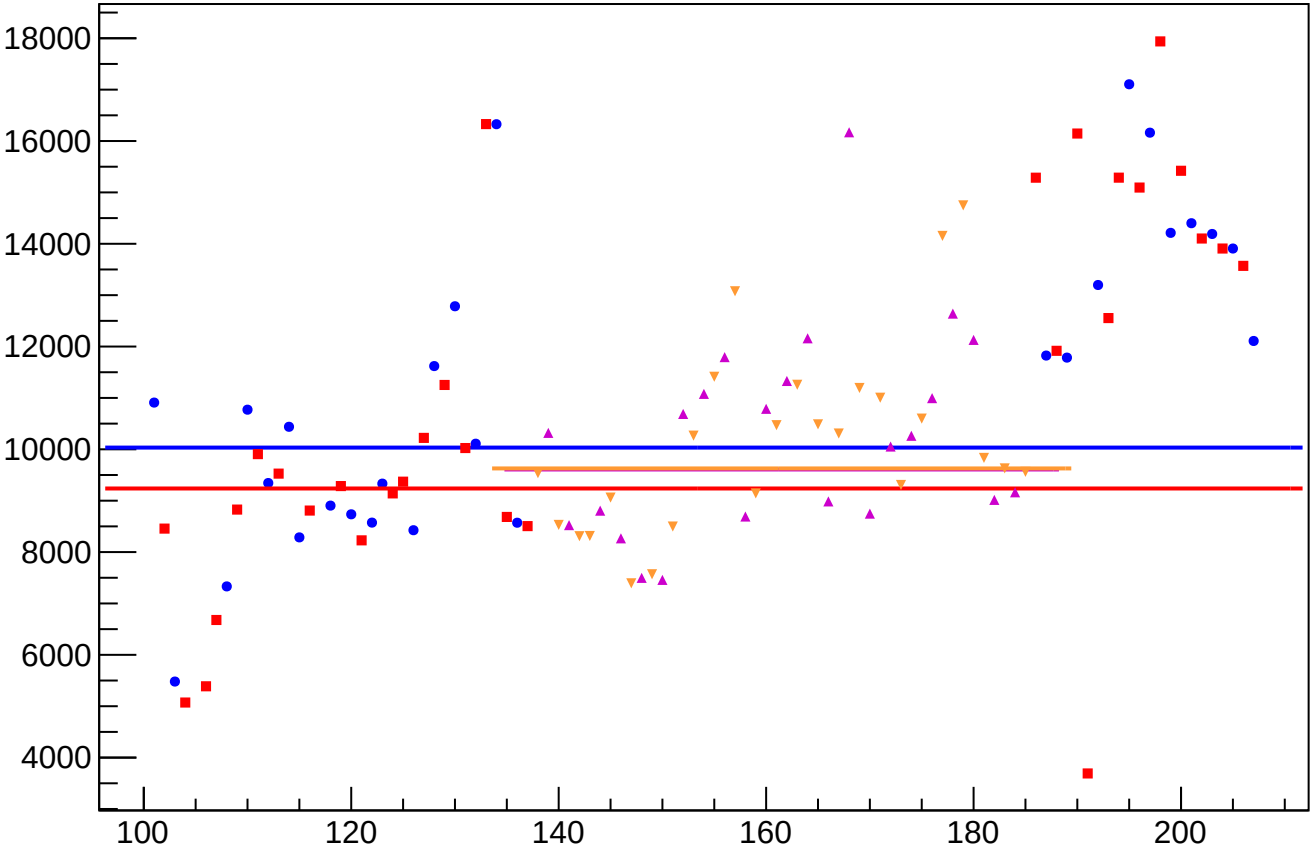
Left In: -2925.533+/-2330.587 χ^2/NDF:14.6/22

+ sign 2011.377+/-1789.487 χ^2/NDF: 59.4/51

All: -1321.344+/-1246.298 χ^2/NDF: 105.2/10

- sign -4460.560+/-1736.759 χ^2/NDF: 39.1/52

asym_atr2_rms vs Slug



Right In: 10033.505+/-2.027 χ^2/NDF: 2351106.4/26

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 9237.458+/-1.842 χ^2/NDF: 3953858.4/29

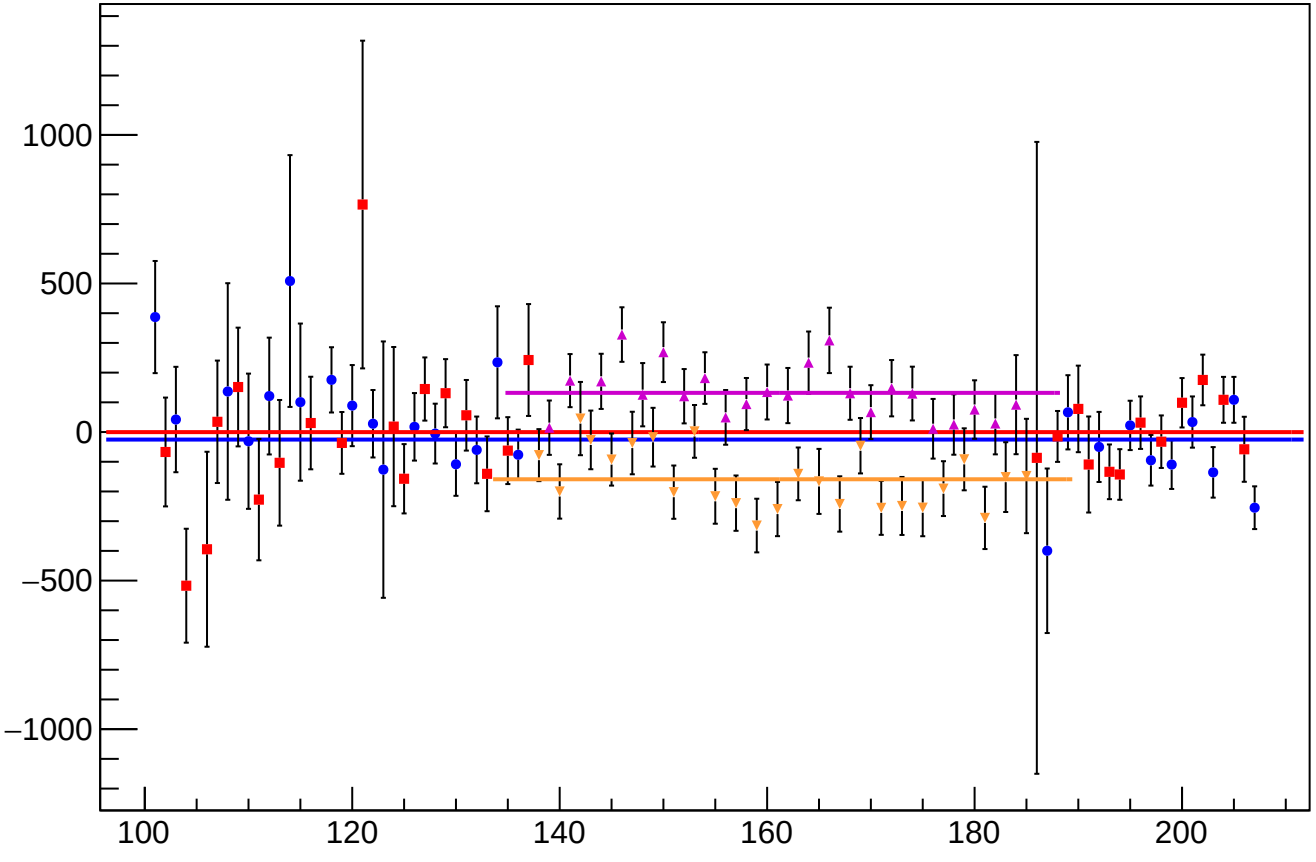
Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

+ sign 9785.967+/-1.265 χ^2/NDF: 3380197.3/51

All: 9609.341+/-0.881 χ^2/NDF: 8479785.3/10

- sign 9442.976+/-1.228 χ^2/NDF: 5061751.7/52

dit_asym_sam1_mean vs Slug



Right In: -25.343+/-21.939 χ^2/NDF: 34.7/26

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: -0.253+/-22.037 χ^2/NDF: 35.3/29

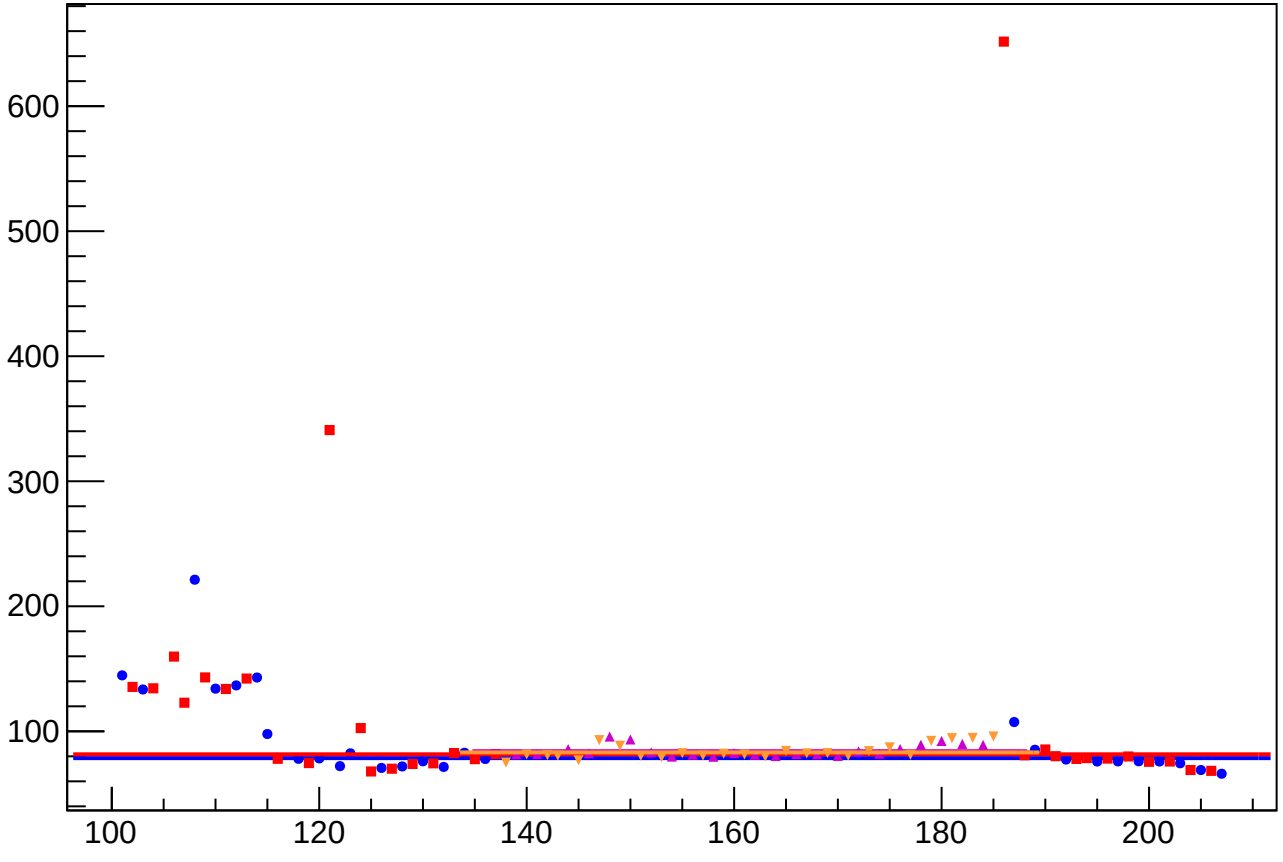
Left In: 131.879+/-20.076 χ^2/NDF:17.8/22

+ sign -100.141+/-14.555 χ^2/NDF: 81.3/51

All: -15.765+/-10.392 χ^2/NDF: 222.5/104

- sign 71.954+/-14.841 χ^2/NDF: 72.7/52

dit_asym_sam1_rms vs Slug



Right In: 78.557+/-0.016 χ^2/NDF: 1261097.3/26

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 81.619+/-0.016 χ^2/NDF: 2225329.1/29

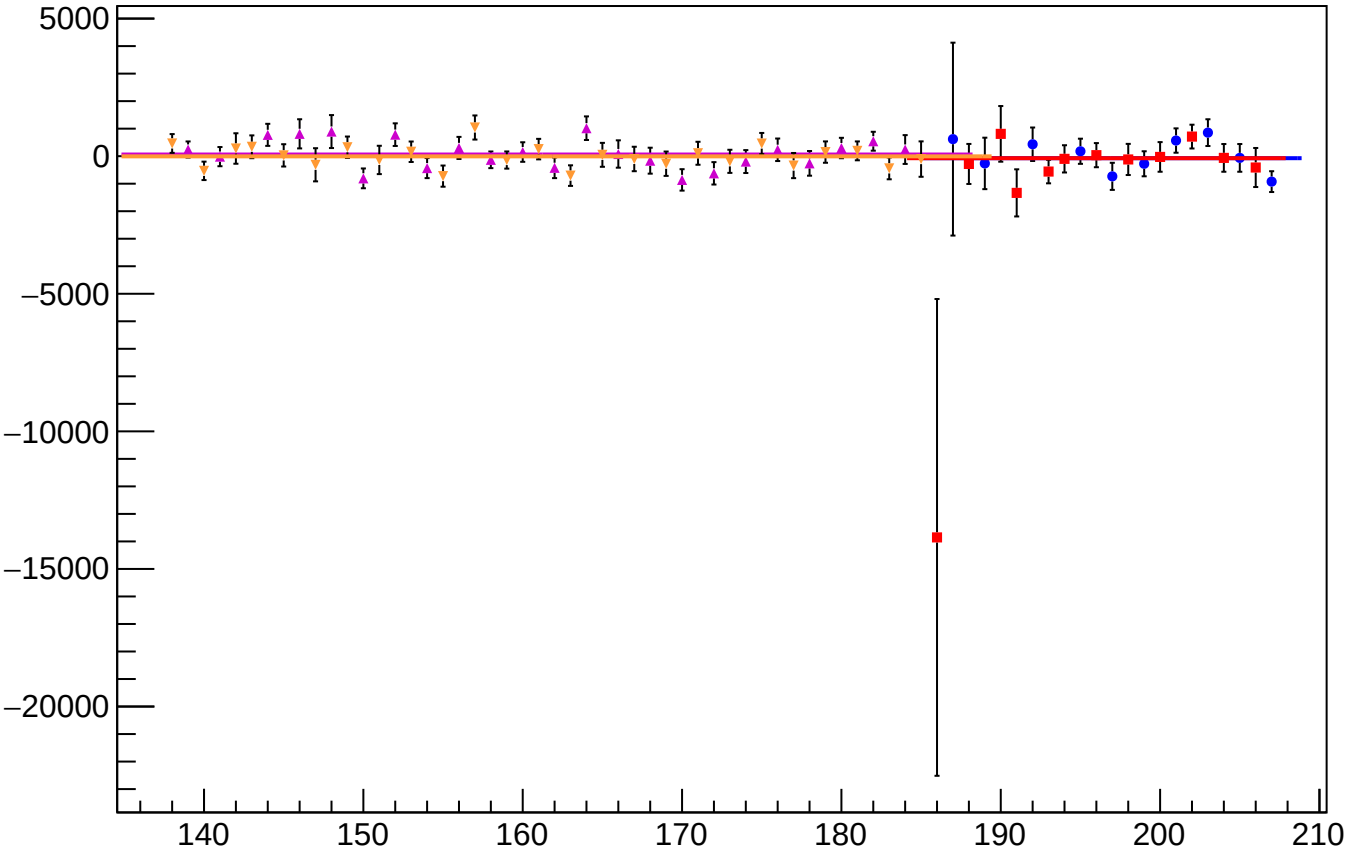
Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

+ sign 81.115+/-0.010 χ^2/NDF: 1448405.5/51

All: 82.029+/-0.007 χ^2/NDF: 3800702.7/104

- sign 82.979+/-0.010 χ^2/NDF: 2336212.5/52

asym_sam1_correction_mean vs Slug



Right In: -73.188+/-162.309 χ^2/NDF: 13.9/9

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: -73.745+/-164.778 χ^2/NDF: 10.4/11

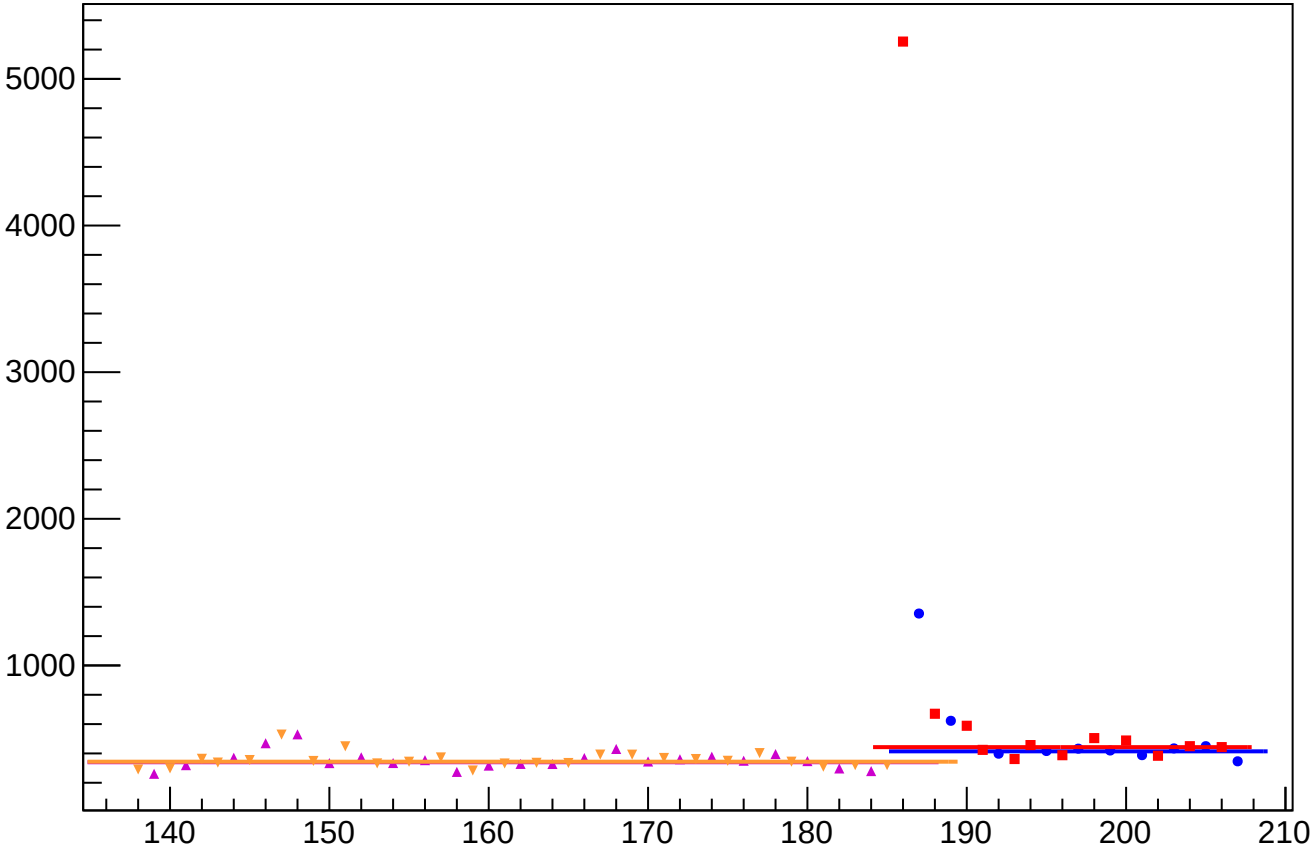
Left In: 59.971+/-82.046 χ^2/NDF:38.0/22

+ sign -19.935+/-72.575 χ^2/NDF: 38.4/34

All: 6.417+/-51.623 χ^2/NDF: 87.6/69

- sign 33.406+/-73.445 χ^2/NDF: 48.9/34

asym_sam1_correction_rms vs Slug



Right In: 414.242+/-0.115 χ^2/NDF: 332316.8/9

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 442.927+/-0.117 χ^2/NDF: 1035395.4/11

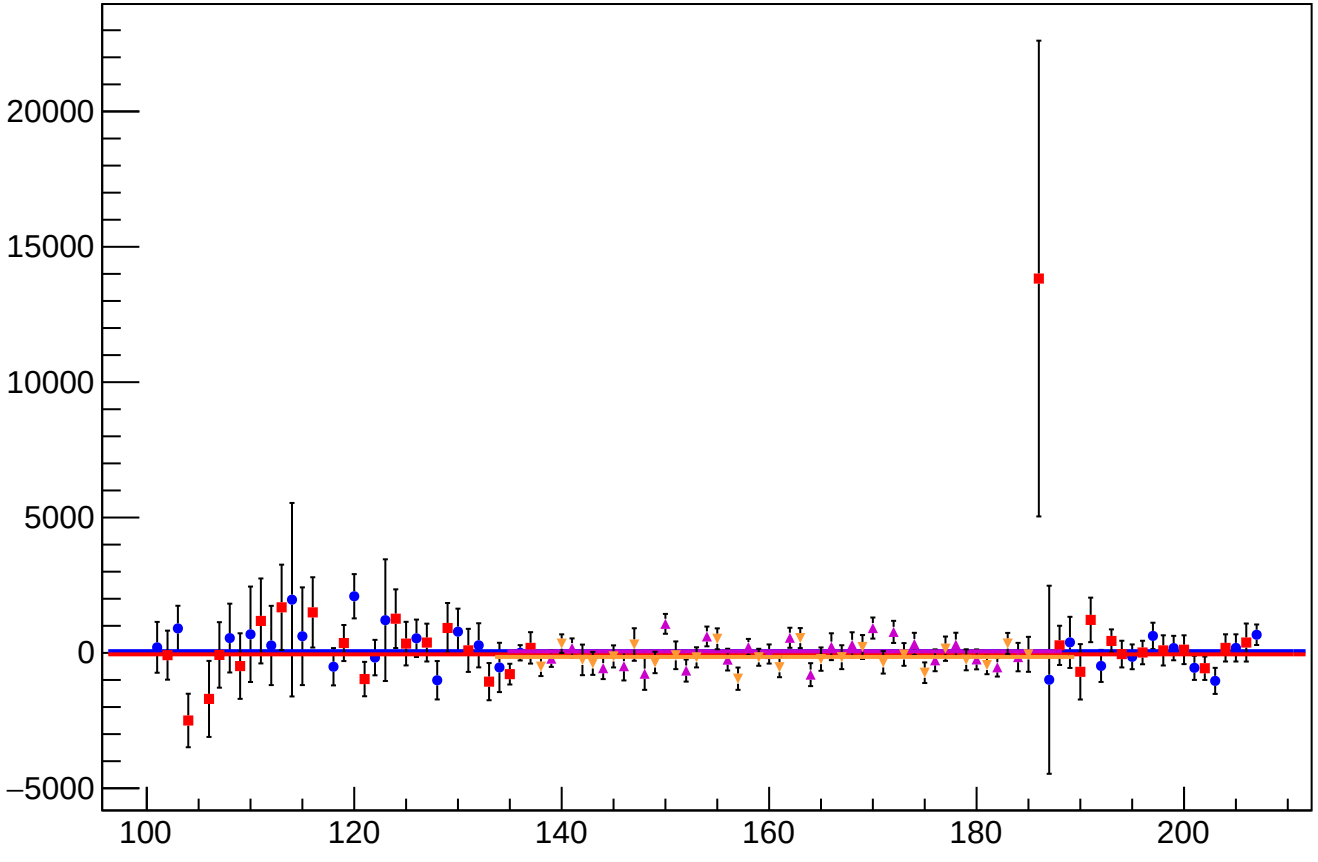
Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

+ sign 357.740+/-0.051 χ^2/NDF: 1206341.2/34

All: 359.000+/-0.037 χ^2/NDF: 3670415.5/69

- sign 360.291+/-0.052 χ^2/NDF: 2462853.0/34

asym_sam1_mean vs Slug



Right In: 64.017+/-120.117 χ^2/NDF: 25.3/26

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: -52.983+/-122.453 χ^2/NDF: 31.6/29

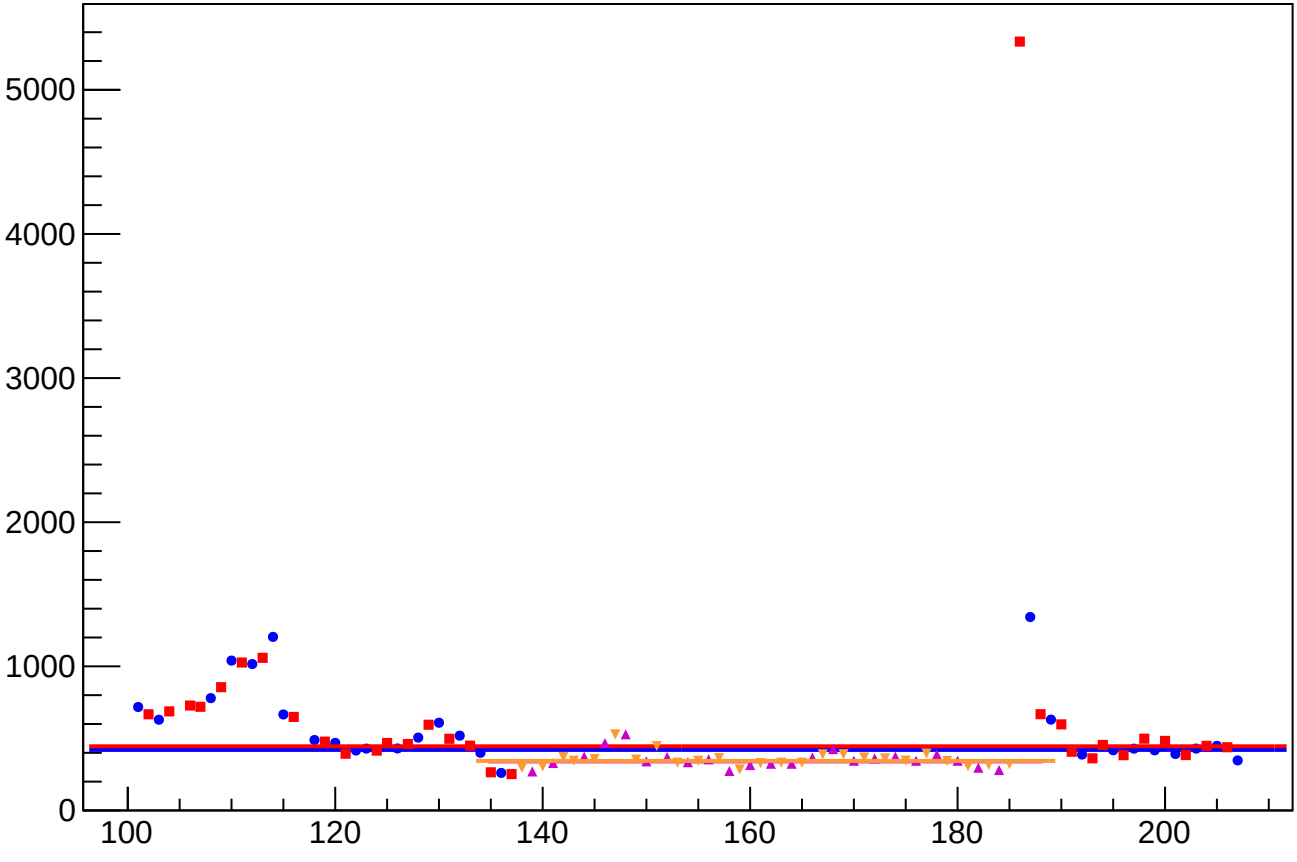
Left In: 56.402+/-82.155 χ^2/NDF:39.7/22

+ sign -82.263+/-67.167 χ^2/NDF: 49.5/51

All: -30.724+/-47.863 χ^2/NDF: 122.6/104

- sign 22.449+/-68.223 χ^2/NDF: 71.8/52

asym_sam1_rms vs Slug



Right In: 420.186+/-0.085 χ^2/NDF: 2352617.8/26

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 445.084+/-0.087 χ^2/NDF: 3071973.1/29

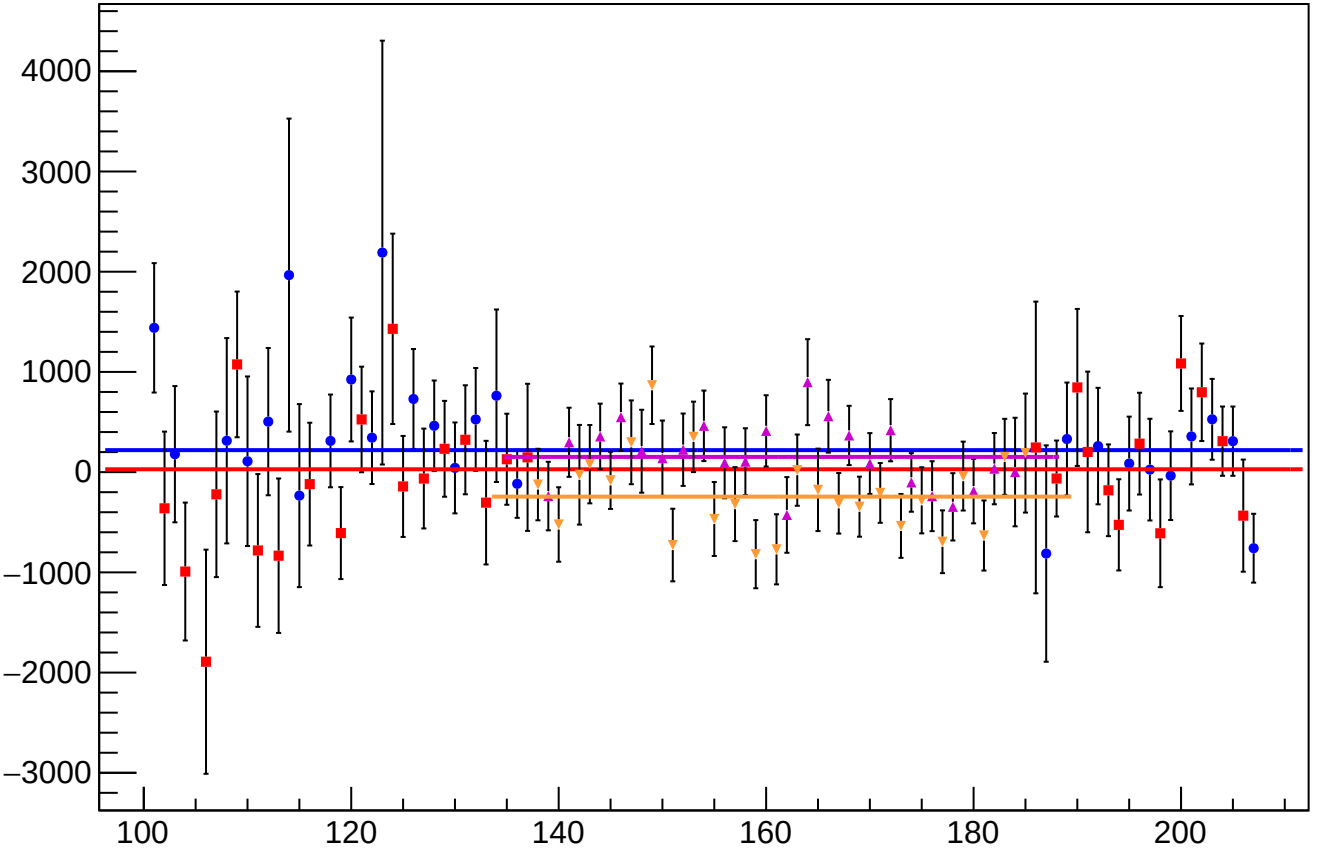
Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

+ sign 367.658+/-0.047 χ^2/NDF: 3448335.0/51

All: 370.276+/-0.034 χ^2/NDF: 8269189.9/104

- sign 372.976+/-0.048 χ^2/NDF: 4814684.3/52

dit_asym_sam2_mean vs Slug



Right In: 219.584+/-100.989 χ^2/NDF: 21.1/26

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 28.664+/-101.860 χ^2/NDF: 29.4/29

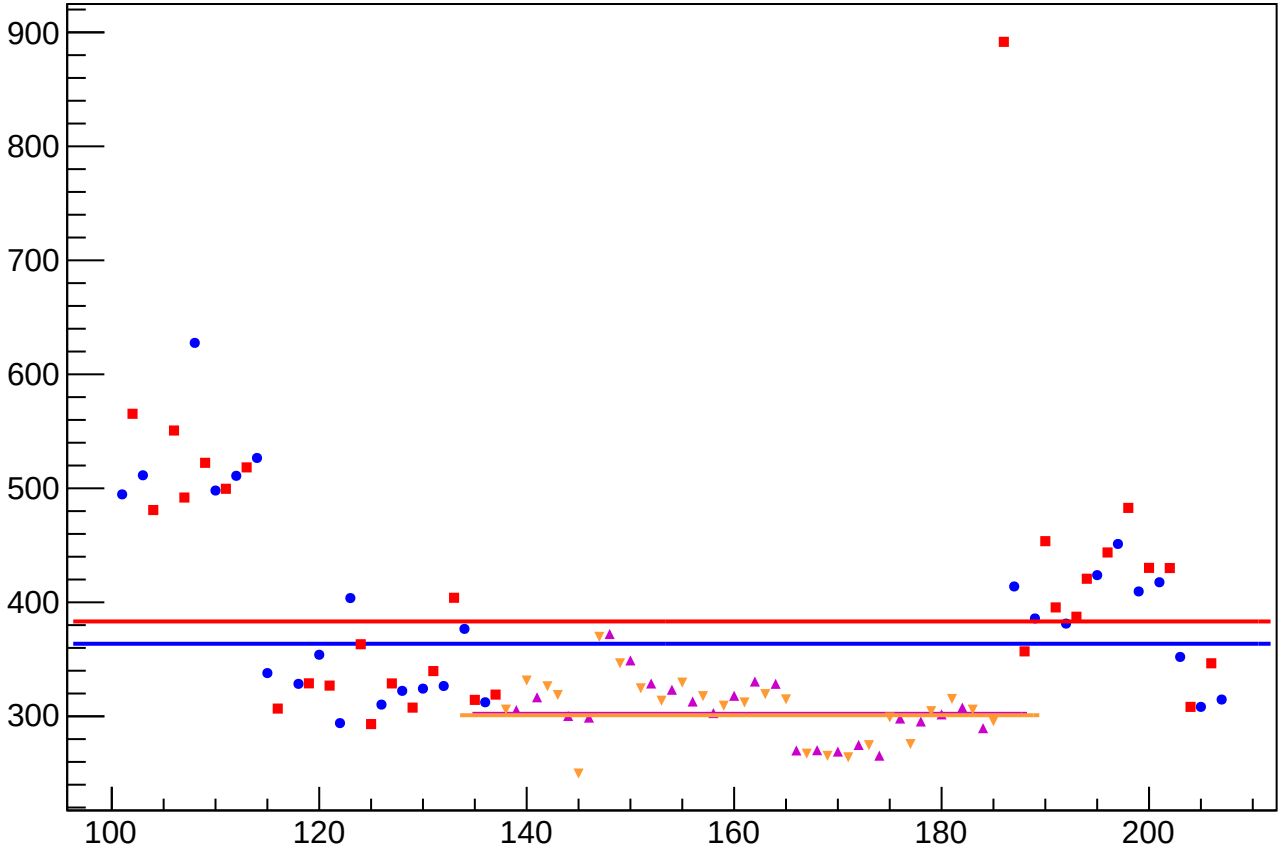
Left In: 152.030+/-72.312 χ^2/NDF:18.2/22

+ sign -92.016+/-57.882 χ^2/NDF: 64.2/51

All: 7.461+/-41.306 χ^2/NDF: 118.7/104

- sign 110.691+/-58.964 χ^2/NDF: 48.5/52

dit_asym_sam2_rms vs Slug



Right In: 363.649+/-0.071 χ^2/NDF: 875686.3/26

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 383.218+/-0.072 χ^2/NDF: 1233388.2/29

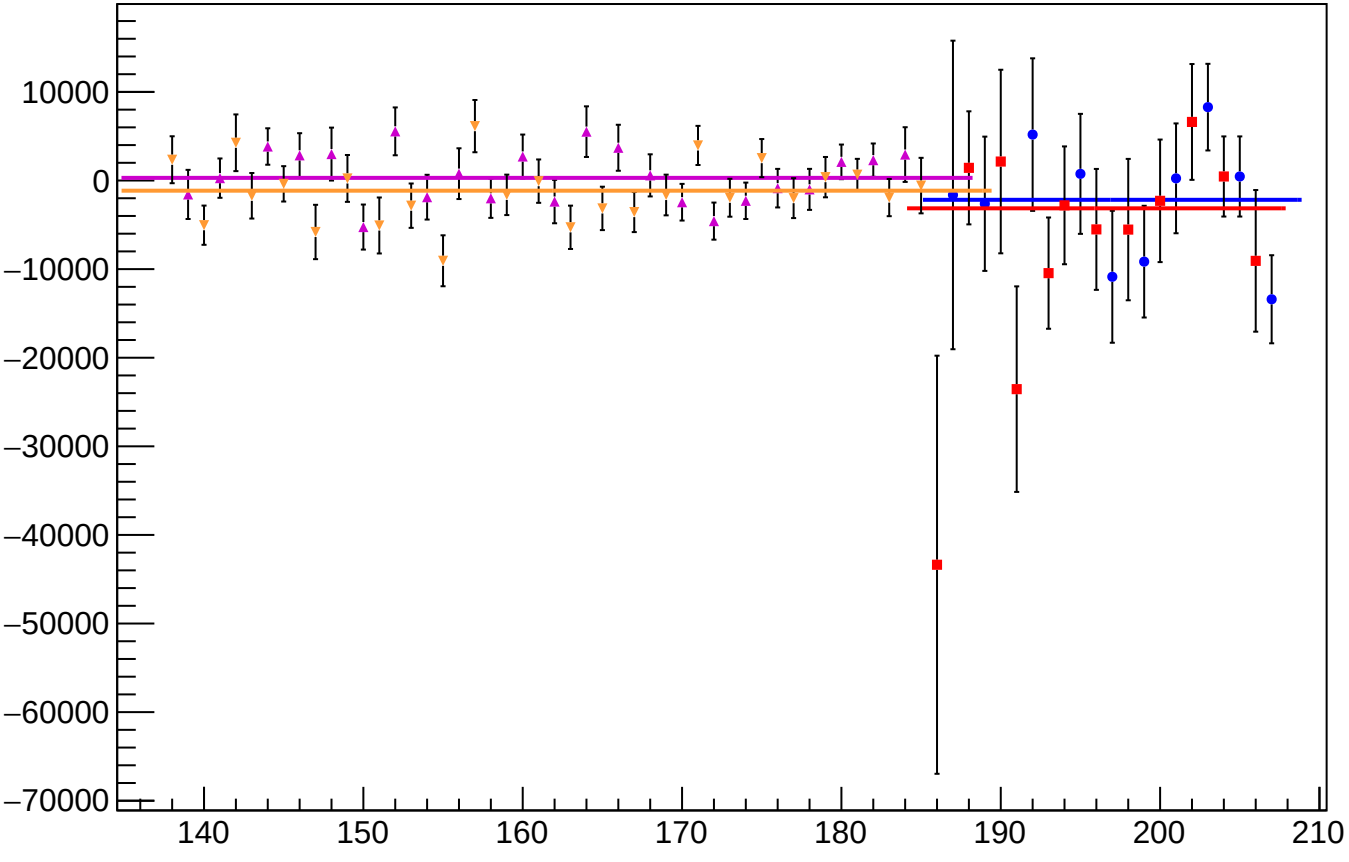
Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

+ sign 321.554+/-0.041 χ^2/NDF: 1715376.9/51

All: 325.373+/-0.029 χ^2/NDF: 4055688.4/104

- sign 329.335+/-0.042 χ^2/NDF: 2322575.2/52

asym_sam2_correction_mean vs Slug



Right In: -2176.508+/-1974.746 χ^2/NDF: 13.7/9

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: -3138.687+/-2053.548 χ^2/NDF: 11.8/11

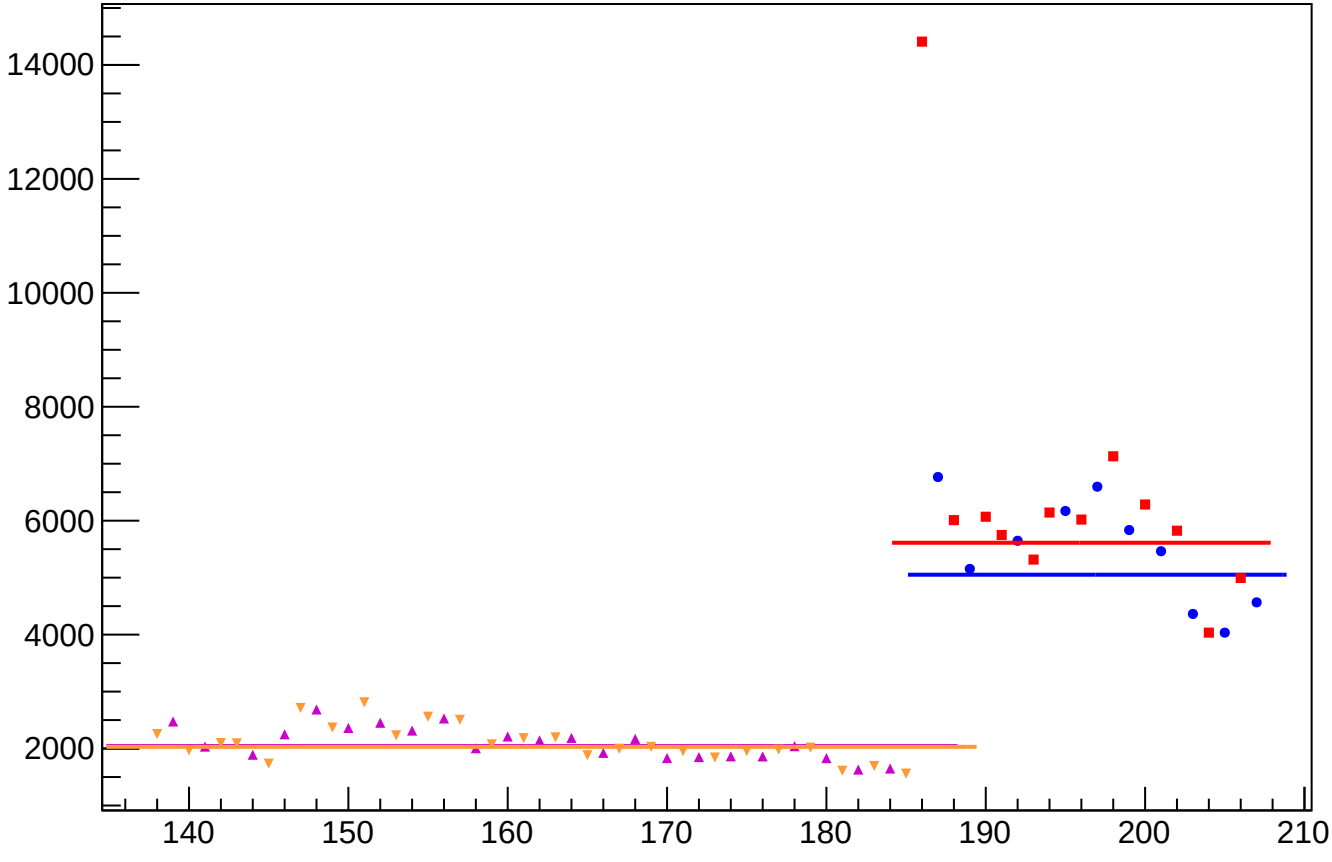
Left In: 298.915+/-491.476 χ^2/NDF:35.0/22

+ sign -1203.918+/-466.374 χ^2/NDF: 55.2/34

All: -561.794+/-333.803 χ^2/NDF: 108.5/69

- sign 112.680+/-477.977 χ^2/NDF: 49.4/34

asym_sam2_correction_rms vs Slug



Right In: 5051.701+/-1.396 χ^2/NDF: 369677.6/9

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 5612.991+/-1.452 χ^2/NDF: 662941.0/11

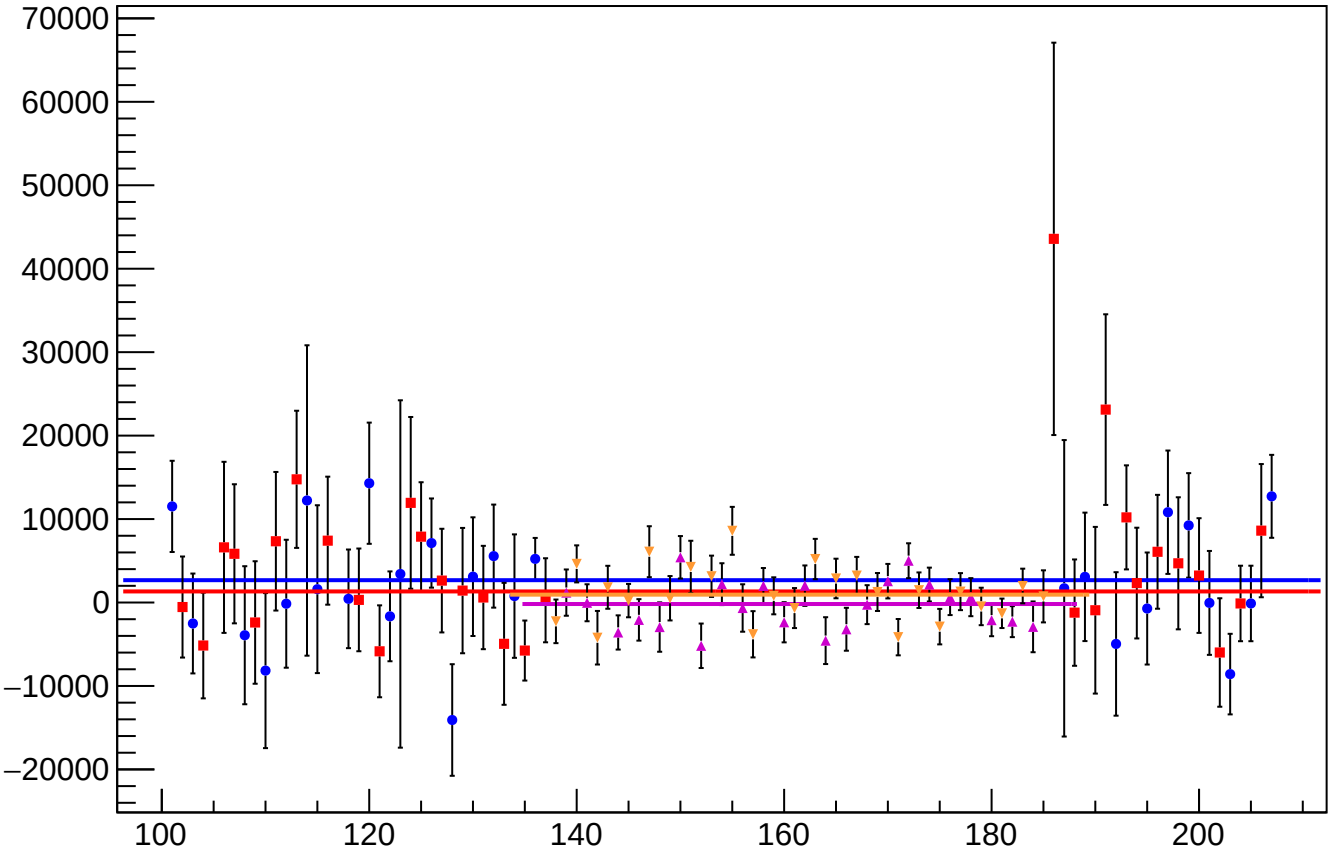
Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

+ sign 2198.707+/-0.330 χ^2/NDF: 5493341.1/34

All: 2217.581+/-0.236 χ^2/NDF: 12447111.9/6

- sign 2237.406+/-0.338 χ^2/NDF: 6947054.6/34

asym_sam2_mean vs Slug



Right In: 2676.122+/-1162.816 χ^2/NDF: 30.9/26

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: 1327.255+/-1214.444 χ^2/NDF: 26.4/29

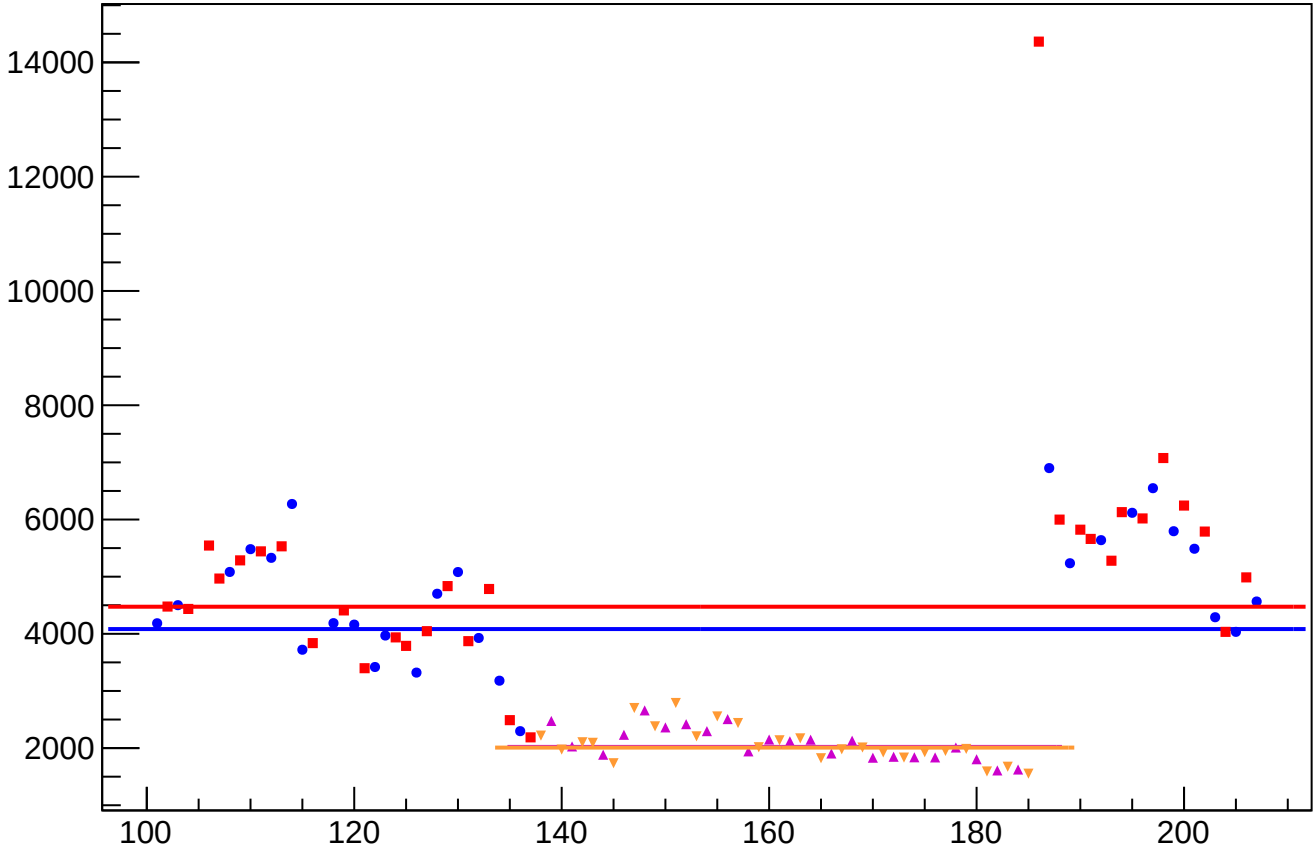
Left In: -180.087+/-486.112 χ^2/NDF:32.9/22

+ sign 1190.147+/-439.282 χ^2/NDF: 71.1/51

All: 624.787+/-314.782 χ^2/NDF: 135.1/104

- sign 28.068+/-451.300 χ^2/NDF: 60.6/52

asym_sam2_rms vs Slug



Right In: 4083.220+/-0.822 χ^2/NDF: 2180307.4/26

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4474.218+/-0.859 χ^2/NDF: 2534660.8/29

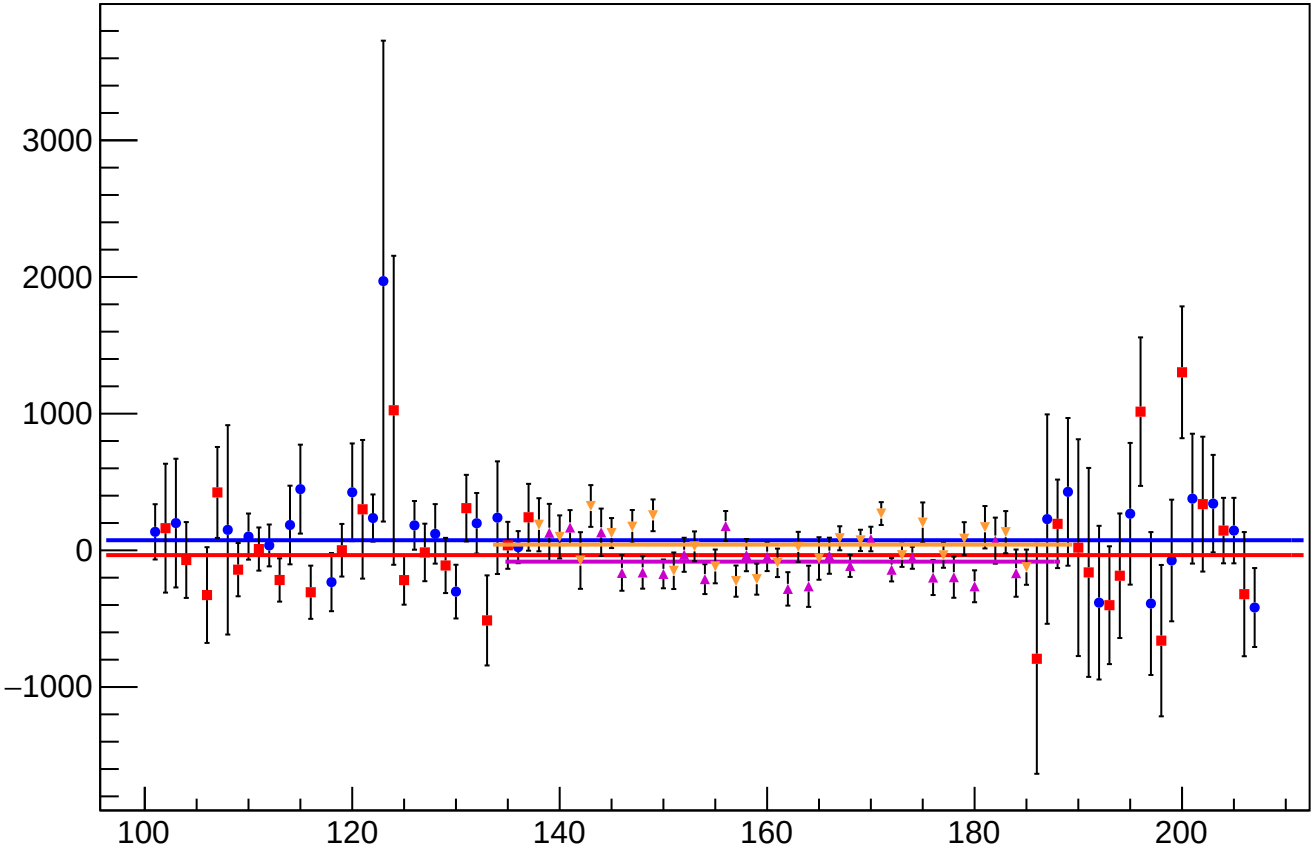
Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

+ sign 2304.931+/-0.311 χ^2/NDF: 8345713.1/51

All: 2331.566+/-0.223 χ^2/NDF: 18506569.7/1

- sign 2359.679+/-0.319 χ^2/NDF: 10145742.9/52

dit_asym_sam3_mean vs Slug



Right In: 73.999+/-48.026 χ^2/NDF: 17.7/26

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: -34.879+/-49.057 χ^2/NDF: 30.9/29

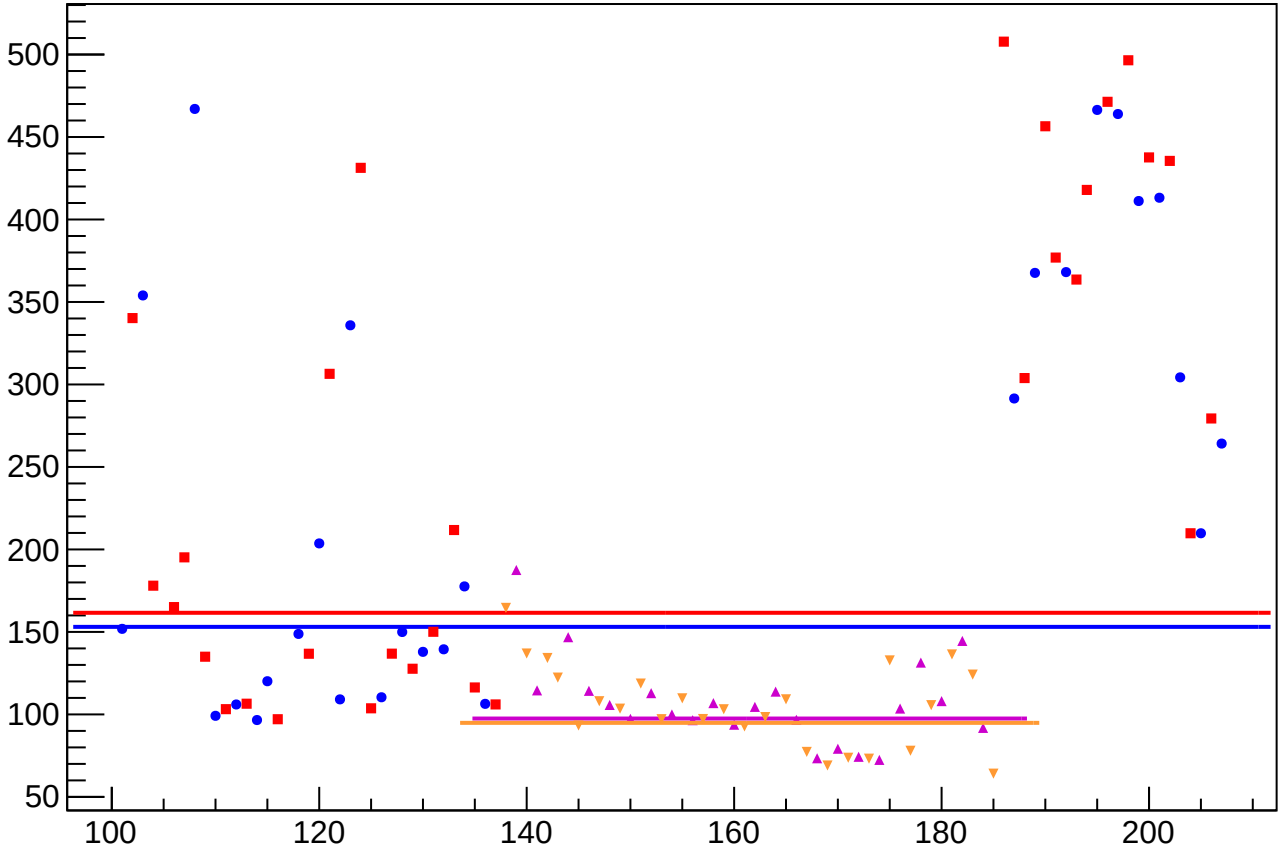
Left In: -82.630+/-24.154 χ^2/NDF:28.6/22

+ sign 47.861+/-20.770 χ^2/NDF: 57.2/51

All: -10.158+/-14.994 χ^2/NDF: 133.7/104

- sign -73.313+/-21.670 χ^2/NDF: 60.3/52

dit_asym_sam3_rms vs Slug



Right In: 153.067+/-0.034 χ^2/NDF: 5992478.5/26

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 161.600+/-0.035 χ^2/NDF: 7082874.6/29

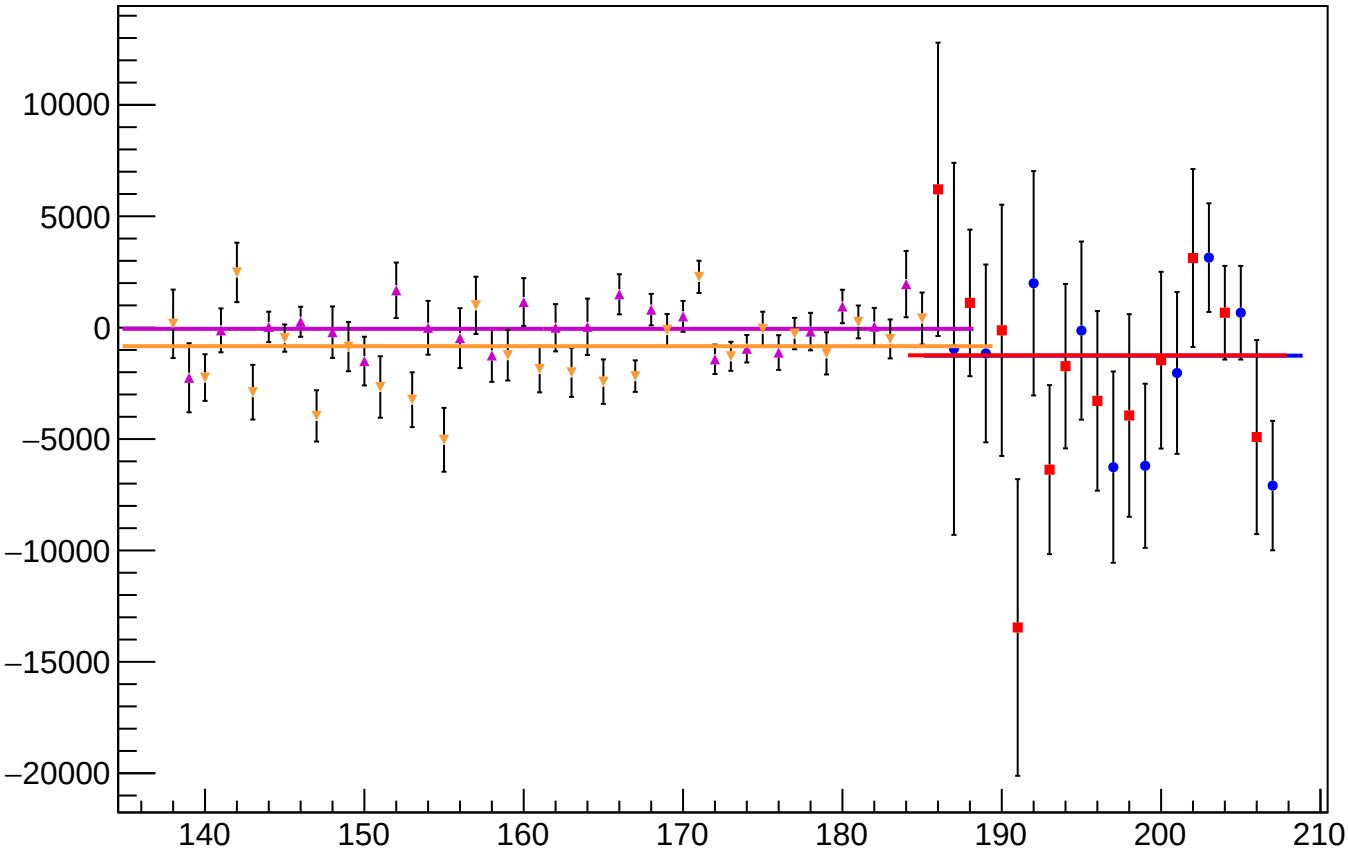
Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

+ sign 105.768+/-0.015 χ^2/NDF: 10175564.2/51

All: 107.797+/-0.011 χ^2/NDF: 21608104.0/10

- sign 110.006+/-0.015 χ^2/NDF: 11392675.3/52

asym_sam3_correction_mean vs Slug



Right In: -1257.196+/-1056.458 χ^2/NDF: 11.8/9

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: -1242.450+/-1099.256 χ^2/NDF: 10.4/11

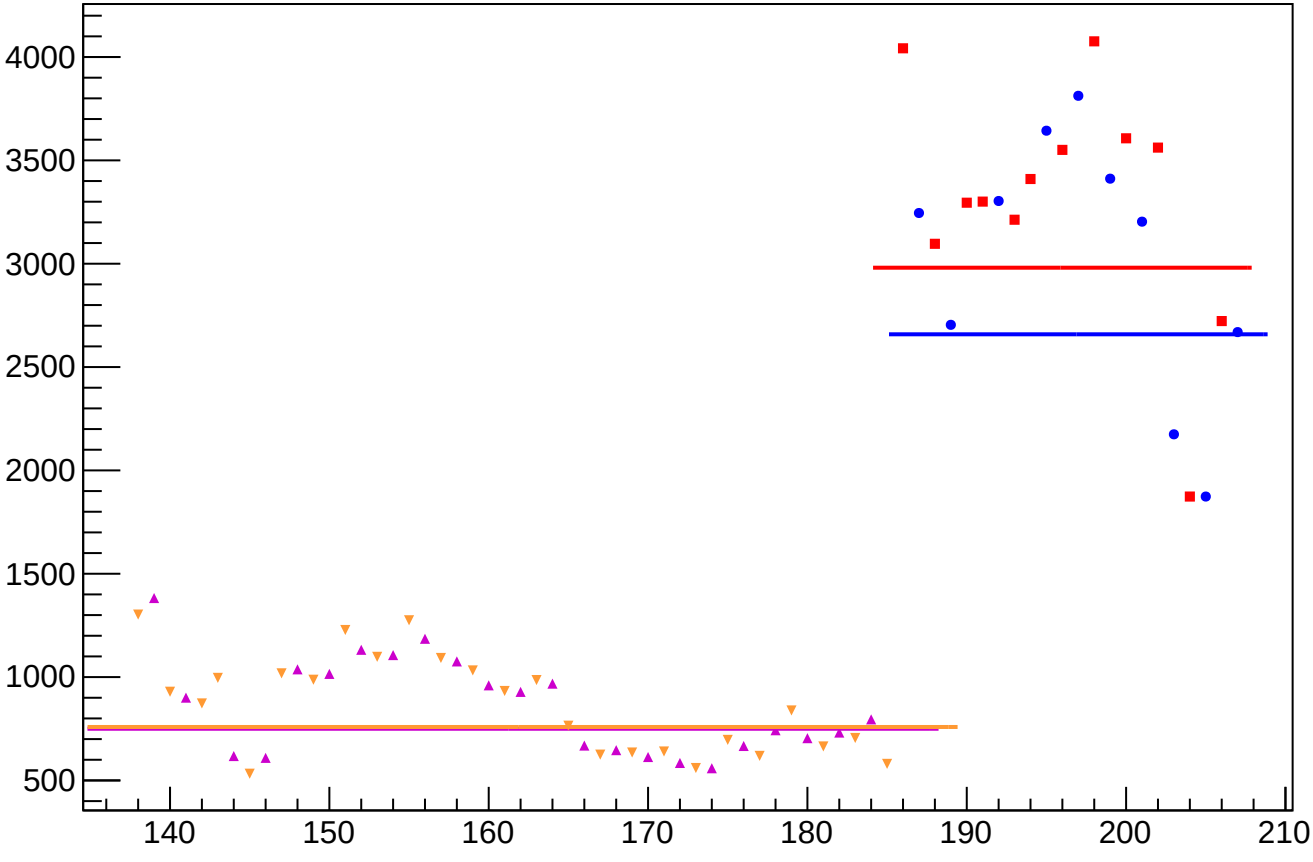
Left In: -53.006+/-184.870 χ^2/NDF:25.3/22

+ sign -845.076+/-181.233 χ^2/NDF: 80.8/34

All: -467.648+/-128.530 χ^2/NDF: 126.4/69

- sign -85.722+/-182.310 χ^2/NDF: 36.8/34

asym_sam3_correction_rms vs Slug



Right In: 2658.489+/-0.747 χ^2/NDF: 795151.9/9

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 2980.721+/-0.777 χ^2/NDF: 909902.8/11

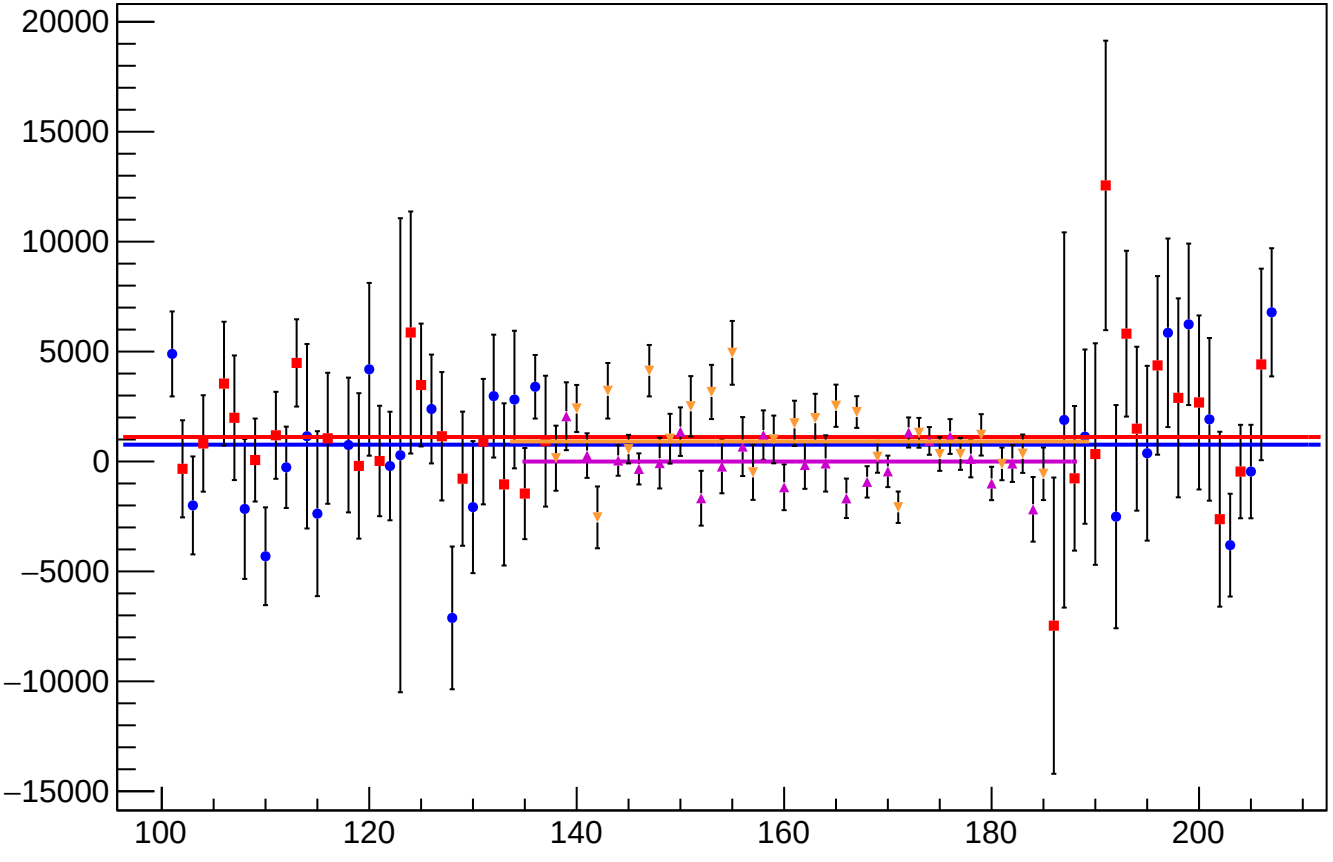
Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

+ sign 814.519+/-0.128 χ^2/NDF: 9526637.5/34

All: 812.945+/-0.091 χ^2/NDF: 20633084.0/69

- sign 811.353+/-0.129 χ^2/NDF: 11106143.2/34

asym_sam3_mean vs Slug



Right In: 764.599+/-533.452 χ^2/NDF: 38.3/26

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: 1113.138+/-528.997 χ^2/NDF: 18.1/29

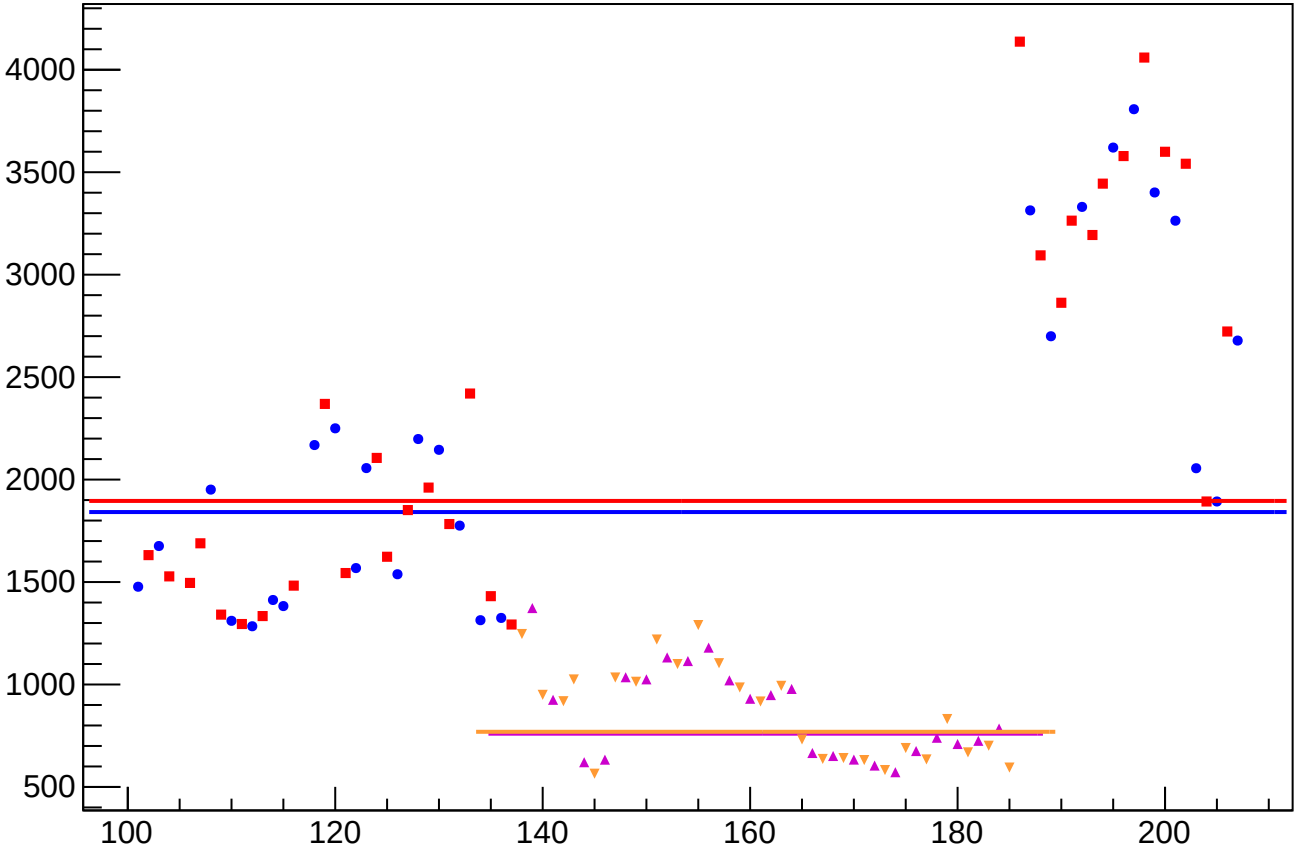
Left In: -2.470+/-187.271 χ^2/NDF:25.6/22

+ sign 895.935+/-175.718 χ^2/NDF: 103.2/51

All: 510.650+/-124.539 χ^2/NDF: 160.6/104

- sign 121.773+/-176.535 χ^2/NDF: 47.7/52

asym_sam3_rms vs Slug



Right In: 1841.557+/-0.377 χ^2/NDF: 2873103.8/26

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1895.820+/-0.374 χ^2/NDF: 3835515.9/29

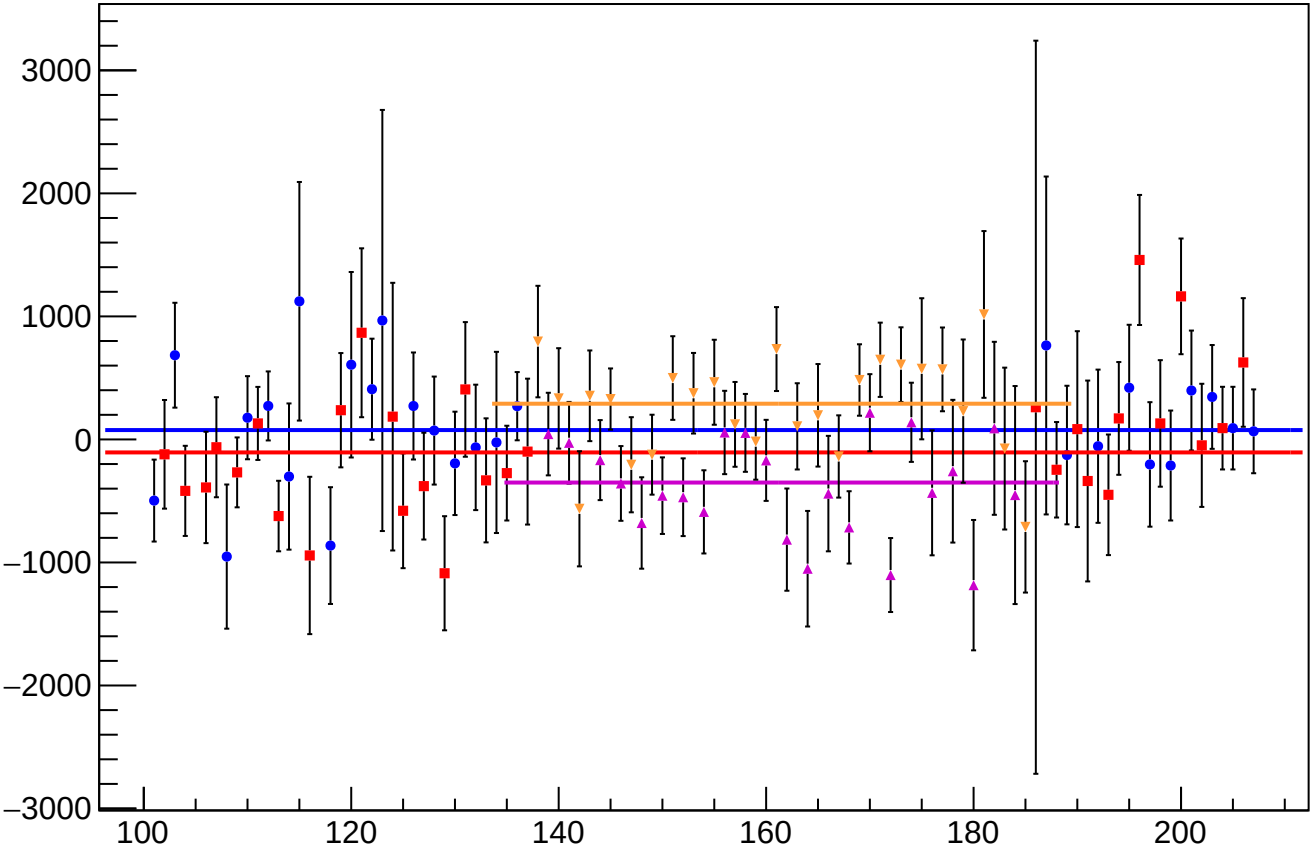
Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

+ sign 885.561+/-0.124 χ^2/NDF: 12353460.0/51

All: 885.996+/-0.088 χ^2/NDF: 26398048.4/10

- sign 886.435+/-0.125 χ^2/NDF: 14044563.7/52

dit_asym_sam4_mean vs Slug



Right In: 76.103+/-85.615 χ^2/NDF: 19.2/26

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: -105.628+/-82.187 χ^2/NDF: 36.6/29

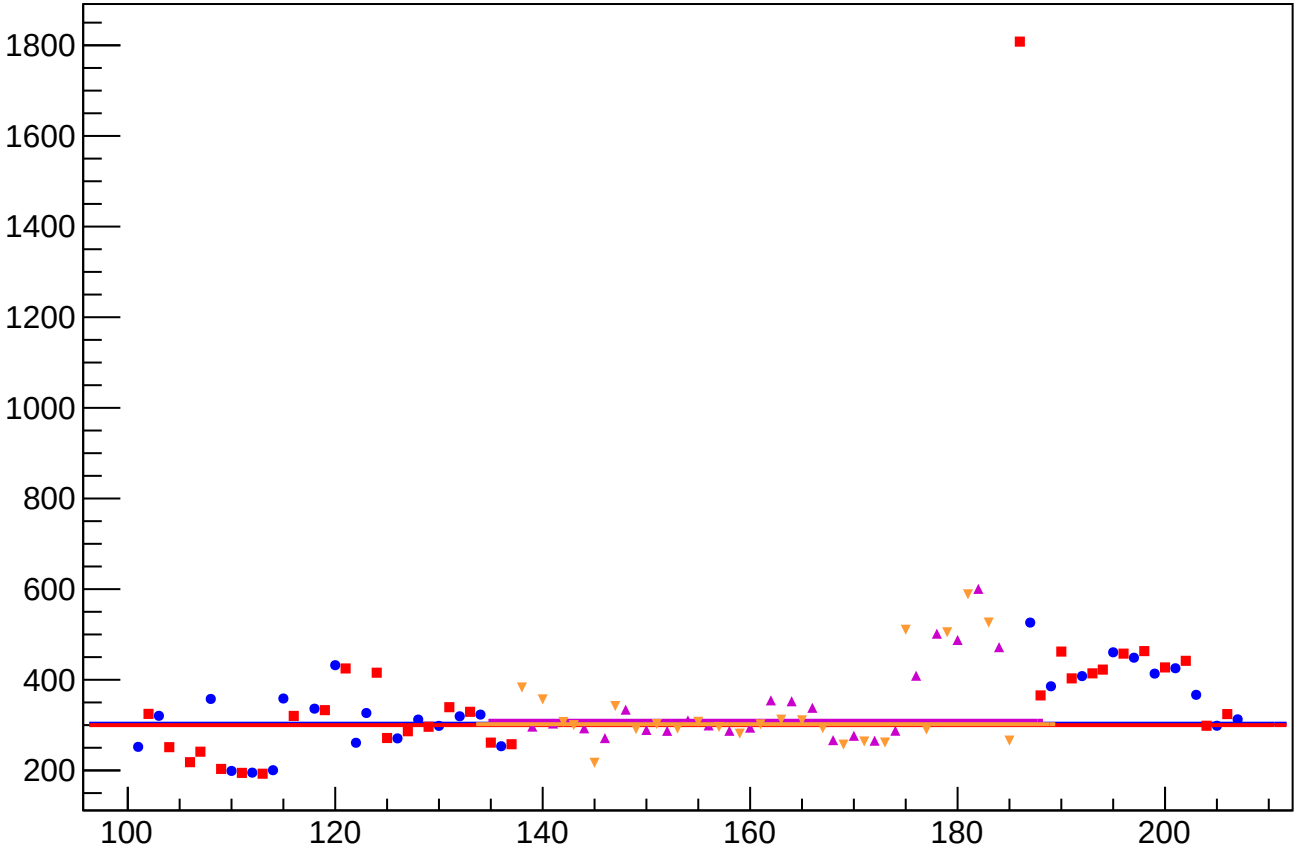
Left In: -350.522+/-75.911 χ^2/NDF:27.4/22

+ sign 200.255+/-55.509 χ^2/NDF: 45.2/51

All: -17.760+/-39.341 χ^2/NDF: 144.9/104

- sign -237.782+/-55.764 χ^2/NDF: 68.7/52

dit_asym_sam4_rms vs Slug



Right In: 303.115+/-0.061 χ^2/NDF: 1594405.5/26

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 299.980+/-0.058 χ^2/NDF: 2697673.8/29

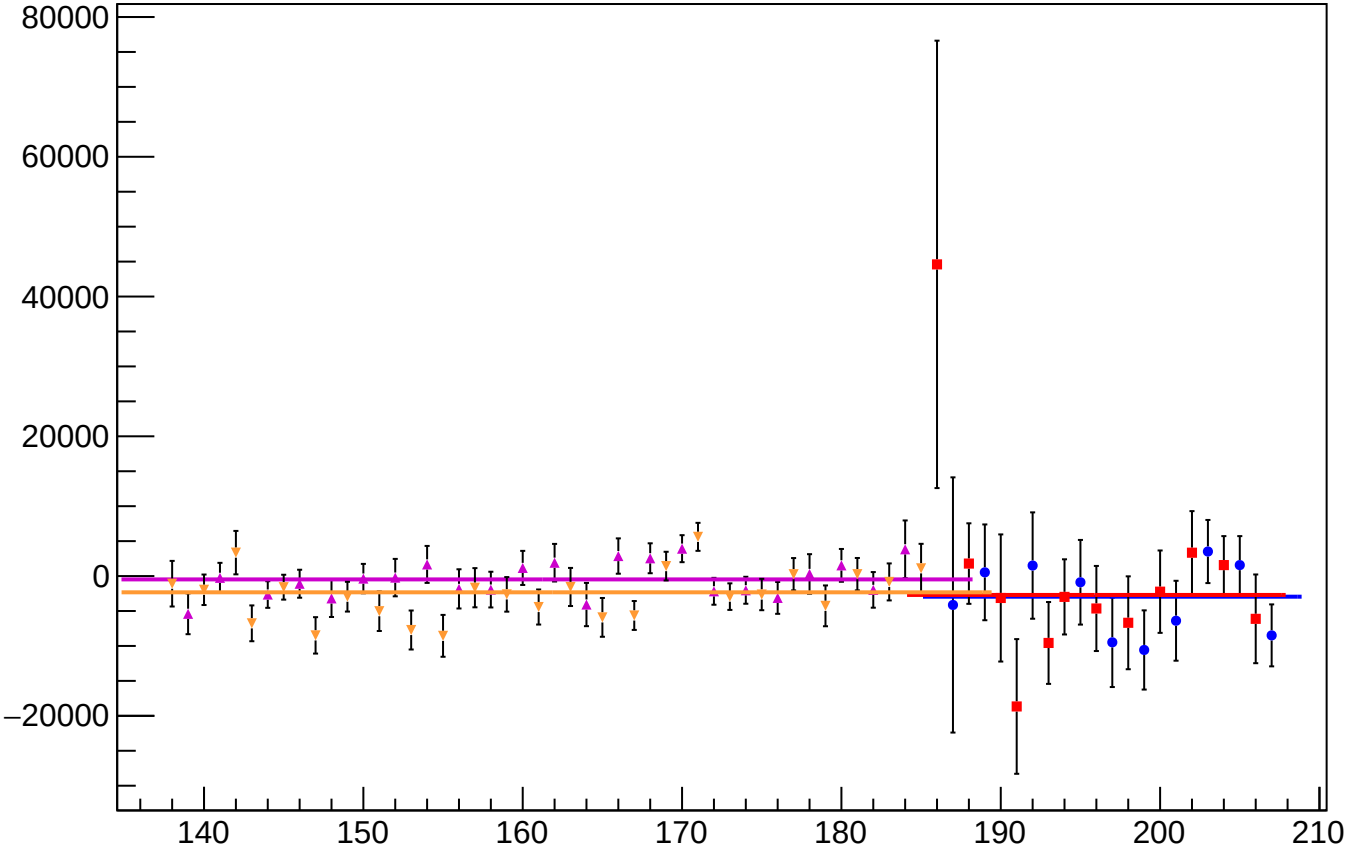
Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

+ sign 302.492+/-0.039 χ^2/NDF: 3191821.9/51

All: 303.828+/-0.028 χ^2/NDF: 7086920.6/104

- sign 305.176+/-0.039 χ^2/NDF: 3892771.3/52

asym_sam4_correction_mean vs Slug



Right In: -2950.665+/-1787.452 χ^2/NDF: 8.7/9

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: -2701.827+/-1803.932 χ^2/NDF: 9.8/11

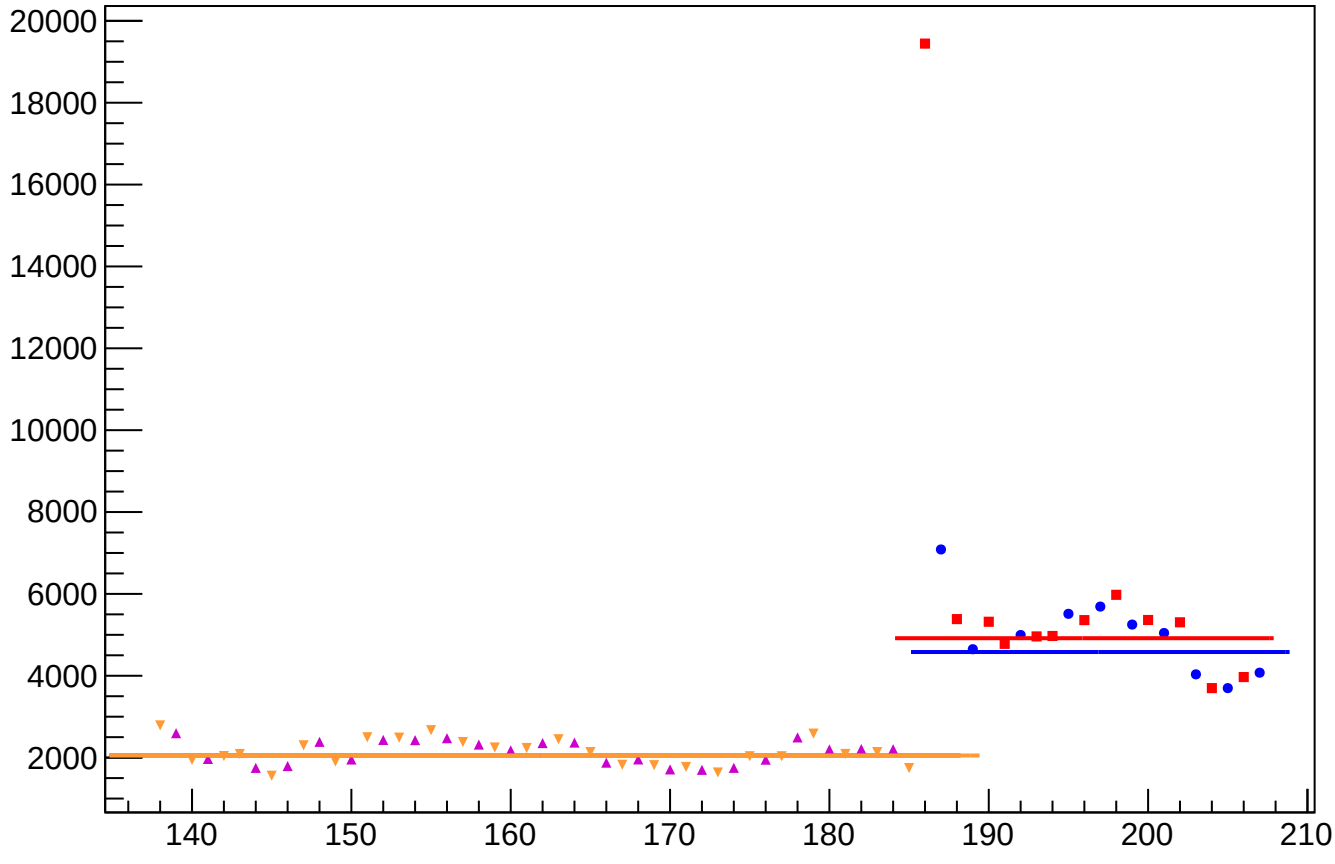
Left In: -477.779+/-494.228 χ^2/NDF:23.1/22

+ sign -2368.531+/-469.013 χ^2/NDF: 58.7/34

All: -1514.834+/-334.314 χ^2/NDF: 99.6/69

- sign -633.063+/-476.663 χ^2/NDF: 34.2/34

asym_sam4_correction_rms vs Slug



Right In: 4580.103+/-1.264 χ^2/NDF: 338193.3/9

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 4917.346+/-1.276 χ^2/NDF: 728694.5/11

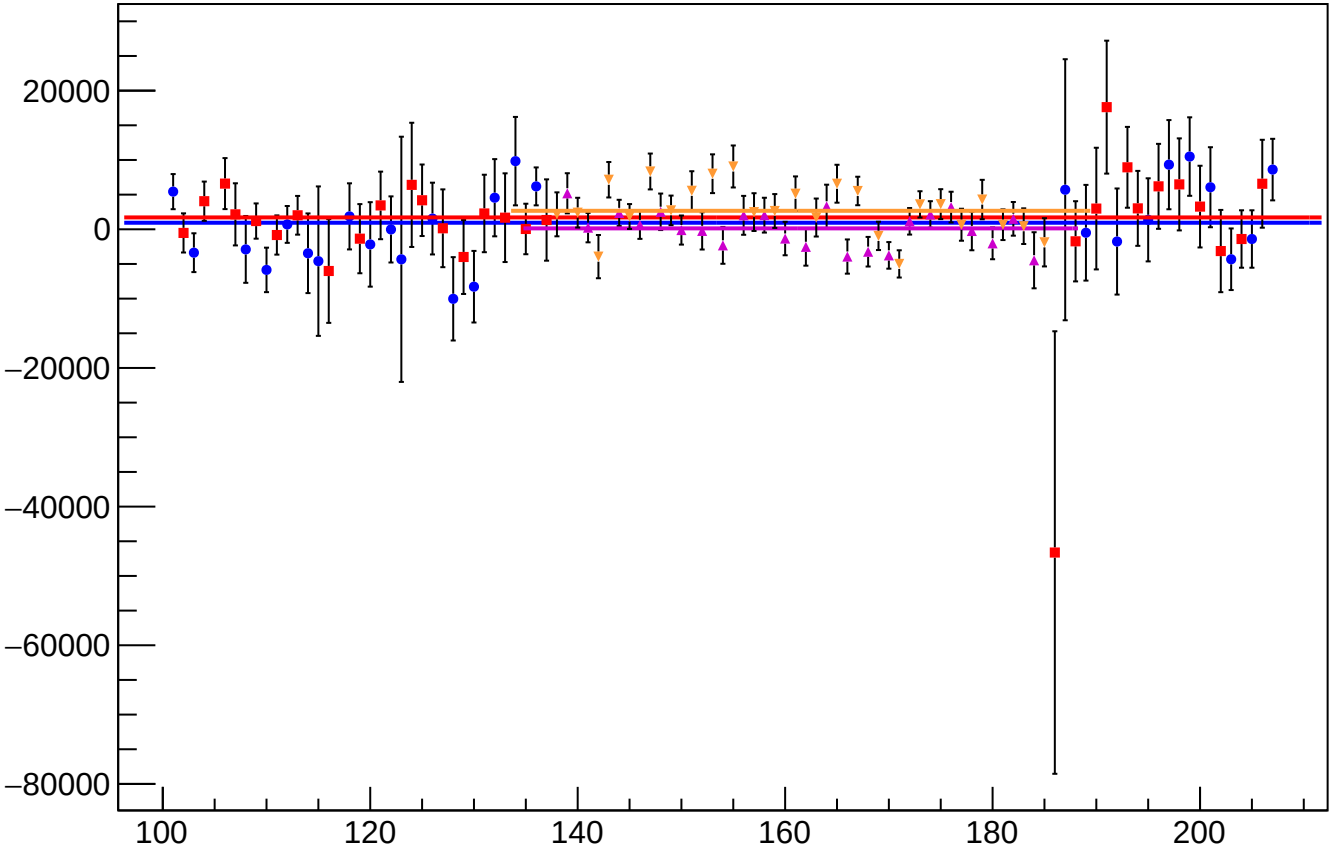
Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

+ sign 2226.432+/-0.332 χ^2/NDF: 4900414.0/34

All: 2239.214+/-0.236 χ^2/NDF: 10978391.5/6

- sign 2252.416+/-0.337 χ^2/NDF: 6074957.6/34

asym_sam4_mean vs Slug



Right In: 945.696+/-867.420 χ^2/NDF: 34.8/26

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: 1712.866+/-825.373 χ^2/NDF: 17.4/29

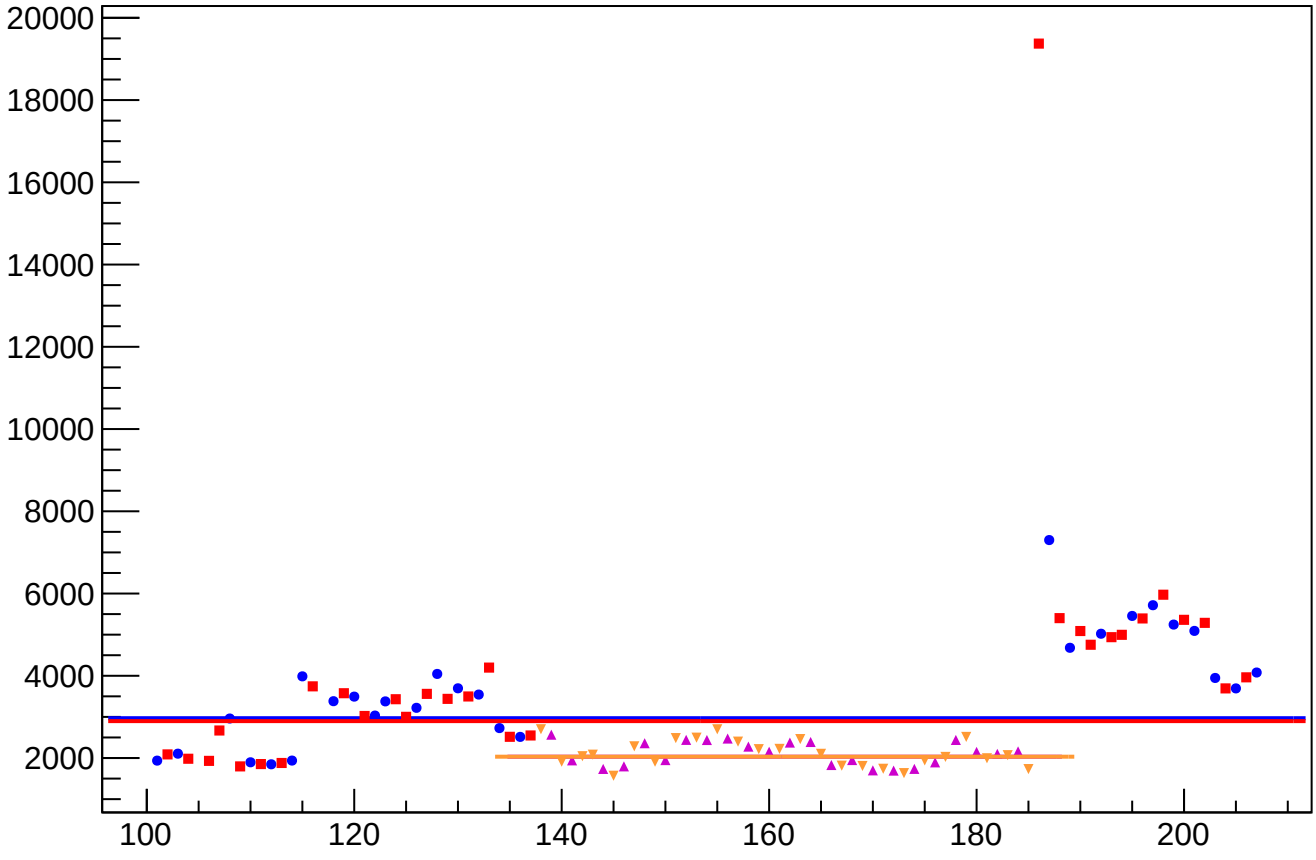
Left In: 132.307+/-489.752 χ^2/NDF:24.7/22

+ sign 2262.277+/-420.630 χ^2/NDF: 87.8/51

All: 1404.218+/-297.627 χ^2/NDF: 141.0/104

- sign 543.890+/-421.186 χ^2/NDF: 44.9/52

asym_sam4_rms vs Slug



Right In: 2968.673+/-0.613 χ^2/NDF: 3361852.5/26

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2897.563+/-0.584 χ^2/NDF: 4904430.7/29

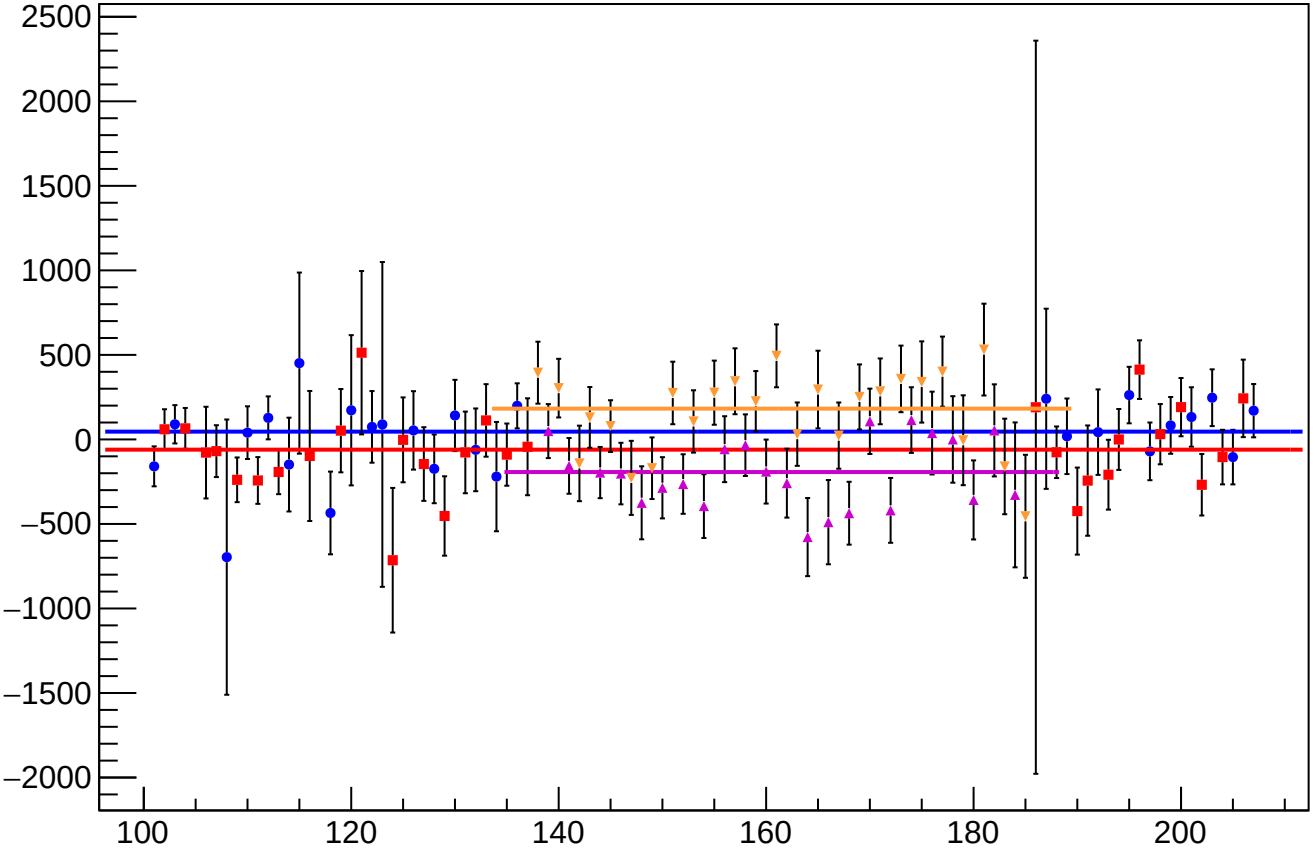
Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

+ sign 2252.641+/-0.297 χ^2/NDF: 5968068.2/51

All: 2254.901+/-0.210 χ^2/NDF: 13153906.7/1

- sign 2257.168+/-0.298 χ^2/NDF: 7185722.8/52

dit_asym_sam5_mean vs Slug



Right In: 46.078+/-36.398 χ^2/NDF: 18.5/26

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: -60.556+/-34.500 χ^2/NDF: 30.3/29

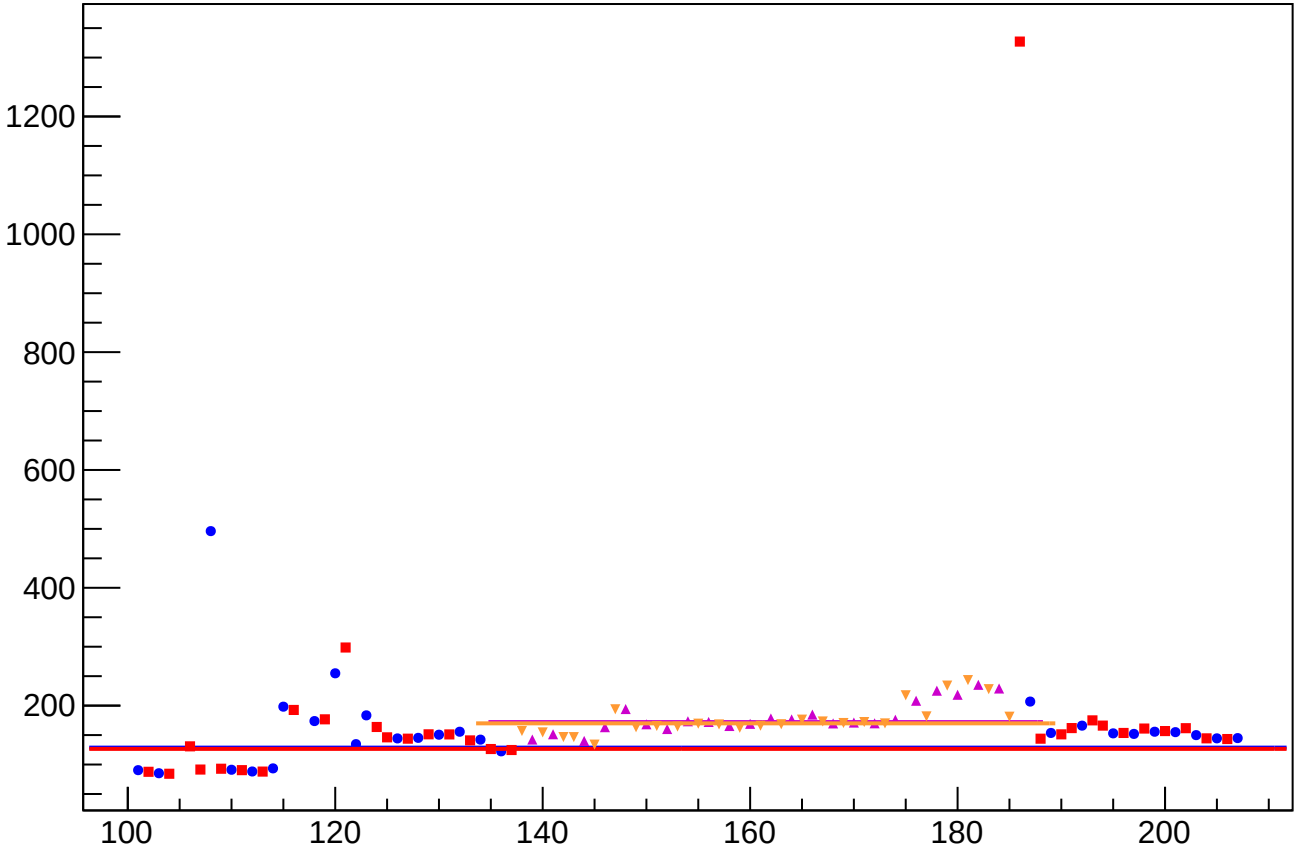
Left In: -193.004+/-41.384 χ^2/NDF:21.1/22

+ sign 107.581+/-26.952 χ^2/NDF: 51.8/51

All: -5.523+/-18.896 χ^2/NDF: 143.8/104

- sign -114.862+/-26.499 χ^2/NDF: 57.4/52

dit_asym_sam5_rms vs Slug



Right In: 128.691+/-0.026 χ^2/NDF: 1969180.7/26

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 126.576+/-0.024 χ^2/NDF: 2673162.1/29

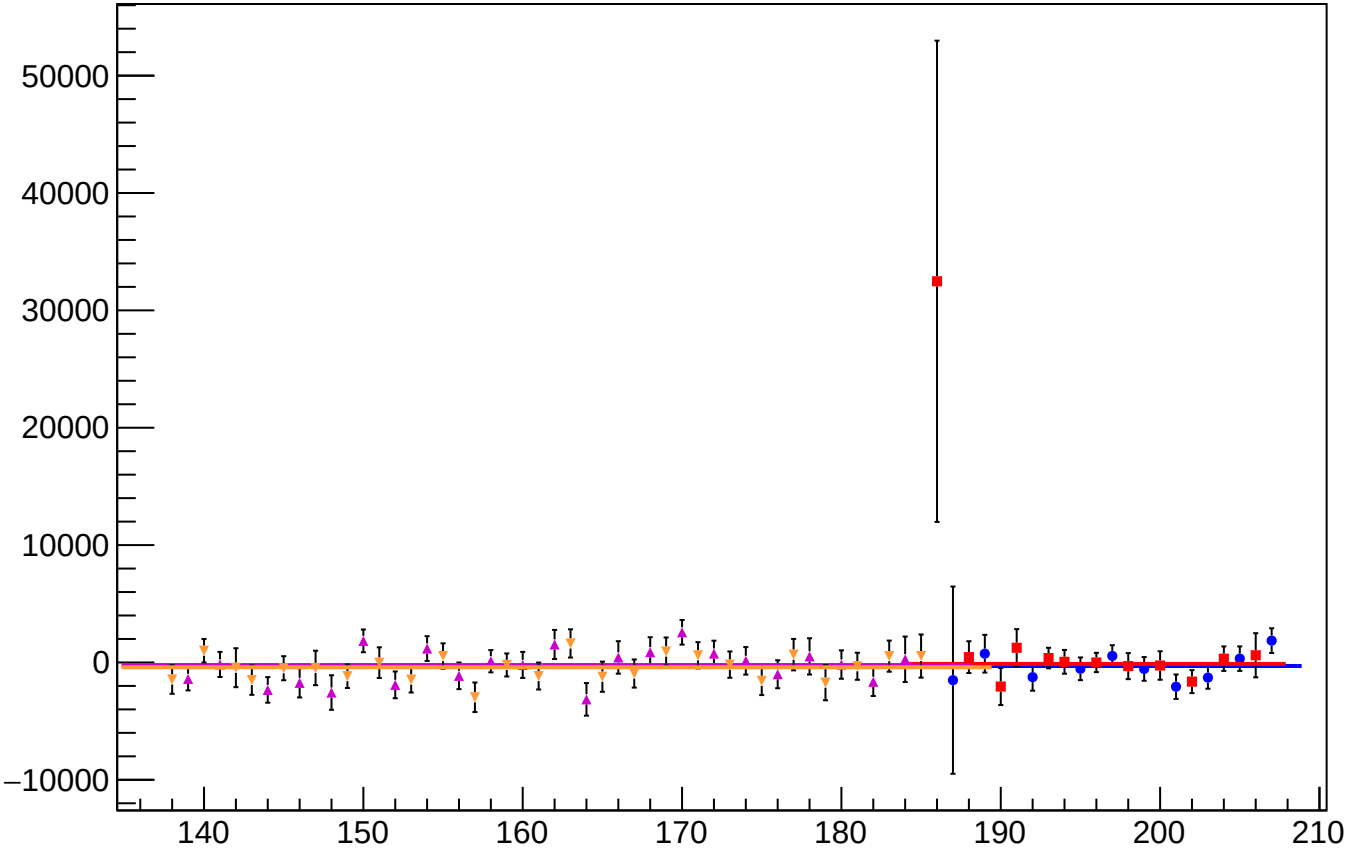
Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

+ sign 147.308+/-0.019 χ^2/NDF: 3790662.8/51

All: 146.250+/-0.013 χ^2/NDF: 8485299.7/104

- sign 145.227+/-0.019 χ^2/NDF: 4688576.4/52

asym_sam5_correction_mean vs Slug



Right In: -301.549+/-348.031 χ^2/NDF: 10.7/9

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -126.993+/-336.306 χ^2/NDF: 8.1/11

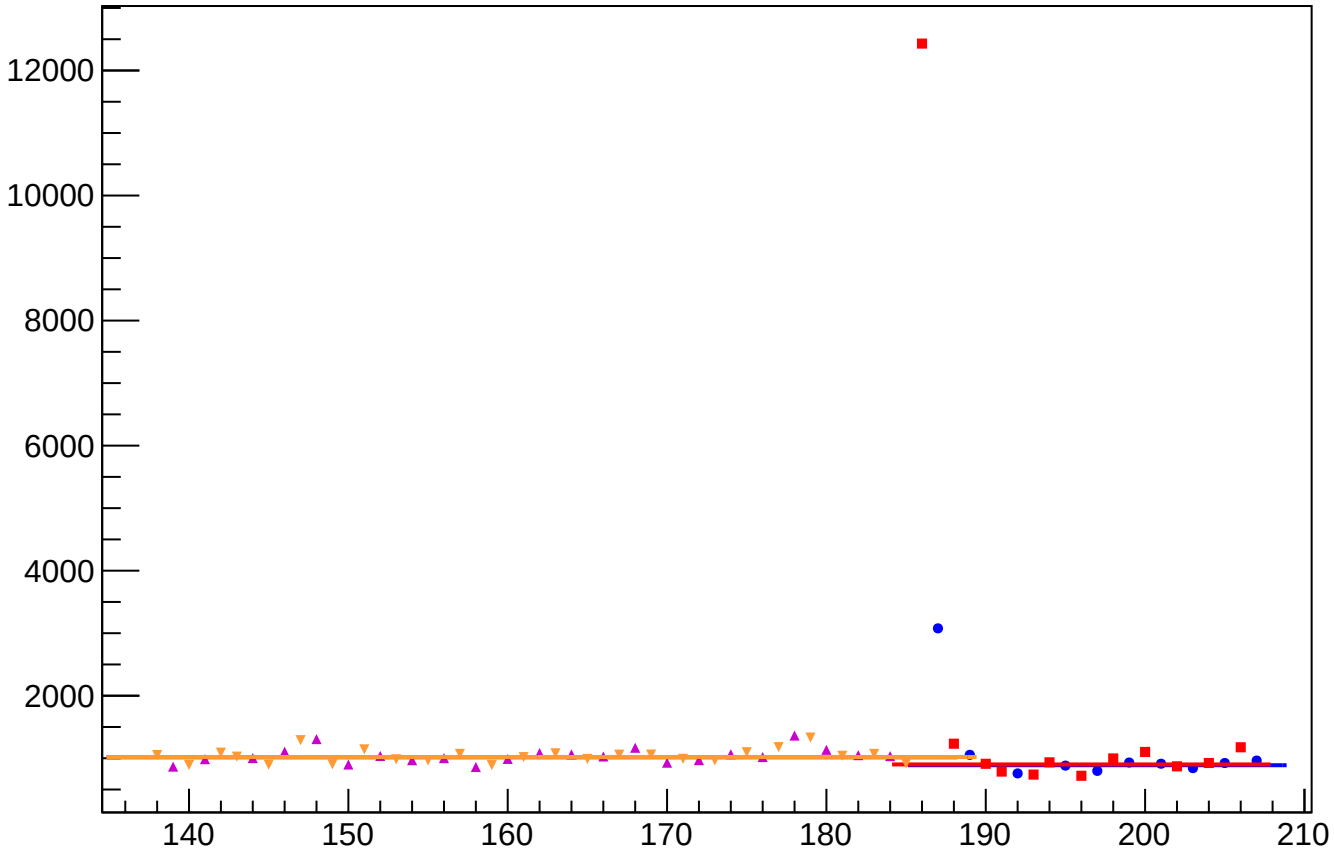
Left In: -223.332+/-243.771 χ^2/NDF:36.0/22

+ sign -376.892+/-197.732 χ^2/NDF: 29.8/34

All: -283.352+/-139.691 χ^2/NDF: 74.4/69

- sign -190.149+/-197.374 χ^2/NDF: 44.1/34

asym_sam5_correction_rms vs Slug



Right In: 888.299+/-0.246 χ^2/NDF: 239273.4/9

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 900.976+/-0.238 χ^2/NDF: 1045901.3/11

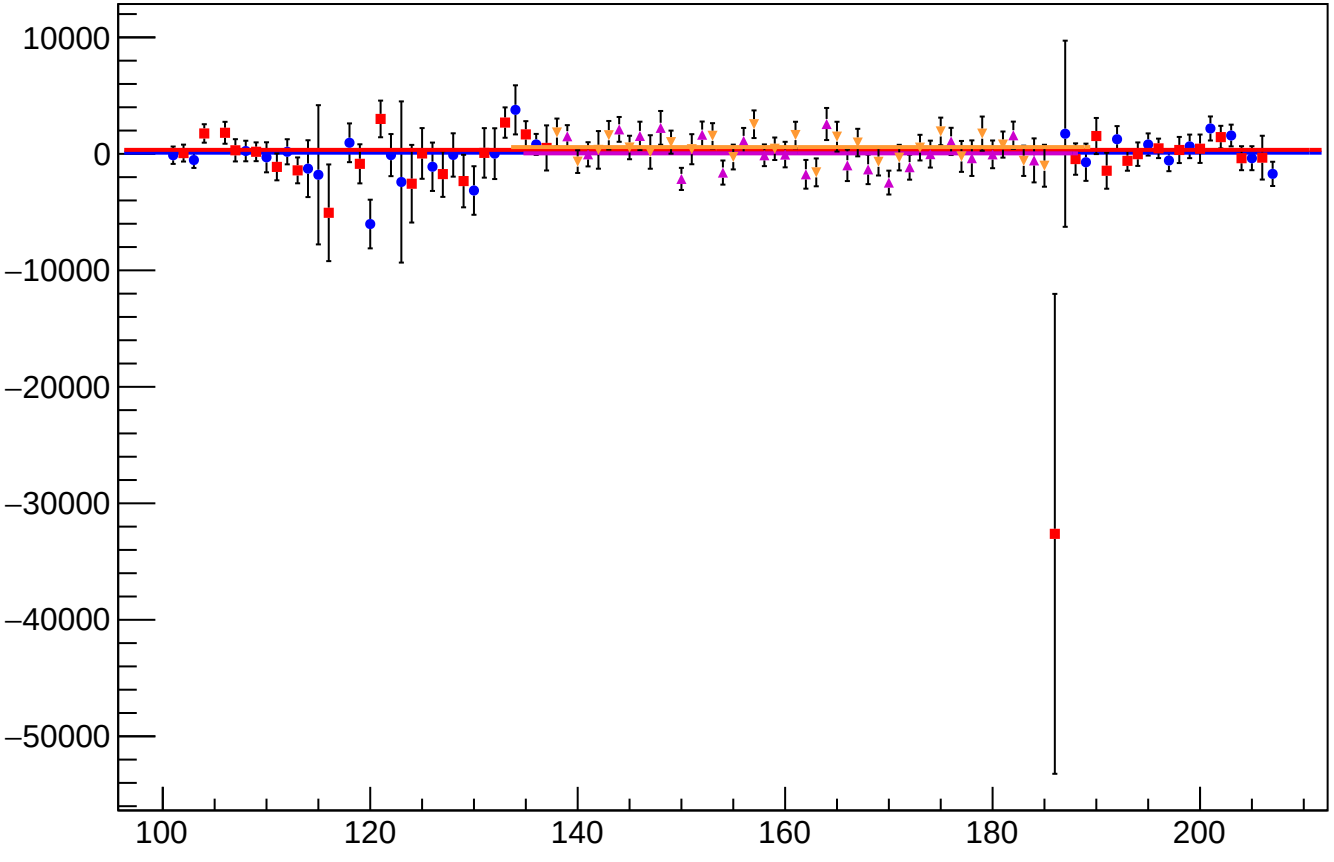
Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

+ sign 977.589+/-0.140 χ^2/NDF: 803533.2/34

All: 976.656+/-0.099 χ^2/NDF: 2405106.4/69

- sign 975.726+/-0.140 χ^2/NDF: 1601484.2/34

asym_sam5_mean vs Slug



Right In: 100.548+/-231.441 χ^2/NDF: 29.5/26

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: 342.724+/-217.276 χ^2/NDF: 31.0/29

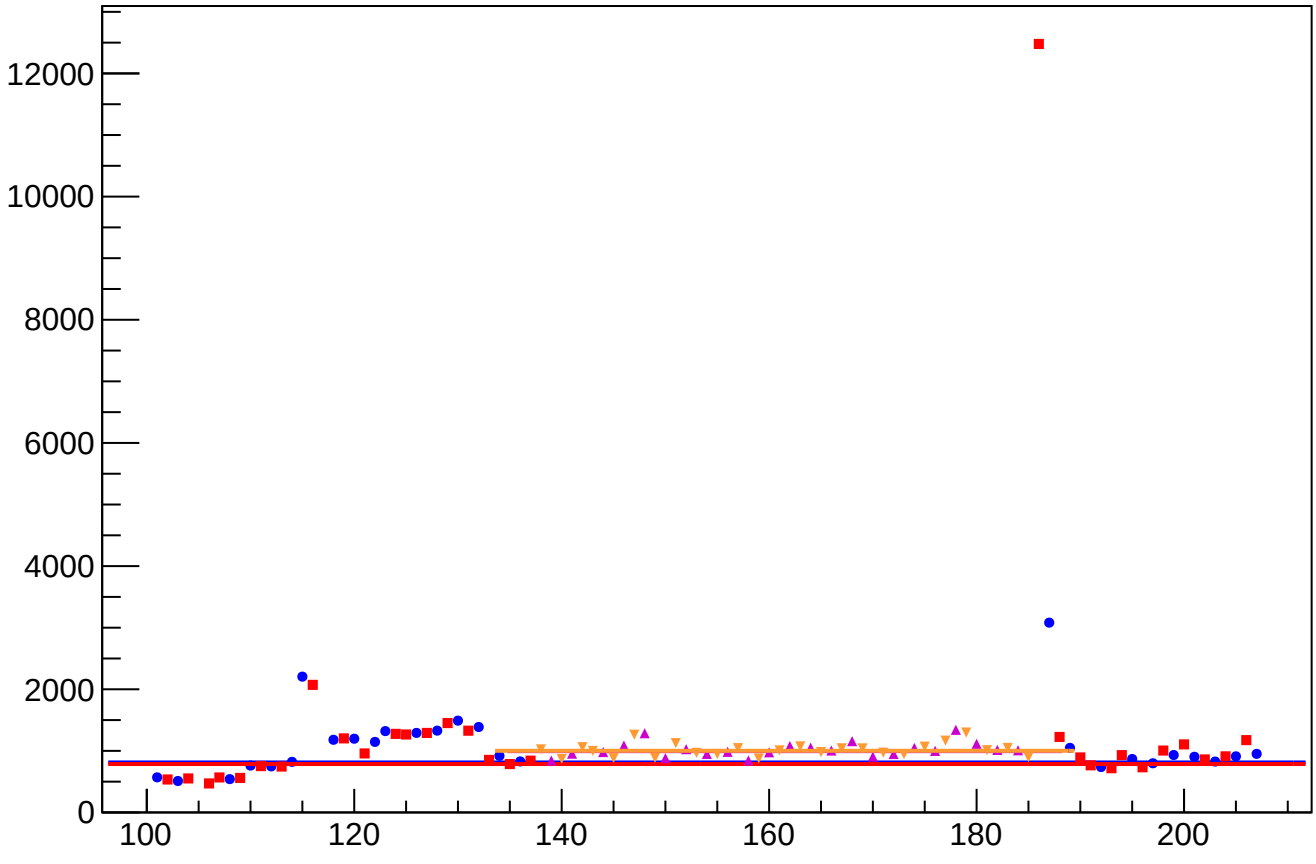
Left In: 42.397+/-239.278 χ^2/NDF:37.9/22

+ sign 336.133+/-165.098 χ^2/NDF: 50.0/51

All: 269.886+/-115.212 χ^2/NDF: 120.0/104

- sign 207.001+/-160.855 χ^2/NDF: 69.7/52

asym_sam5_rms vs Slug



Right In: 811.782+/-0.164 χ^2/NDF: 2093877.2/26

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 786.296+/-0.154 χ^2/NDF: 3093179.8/29

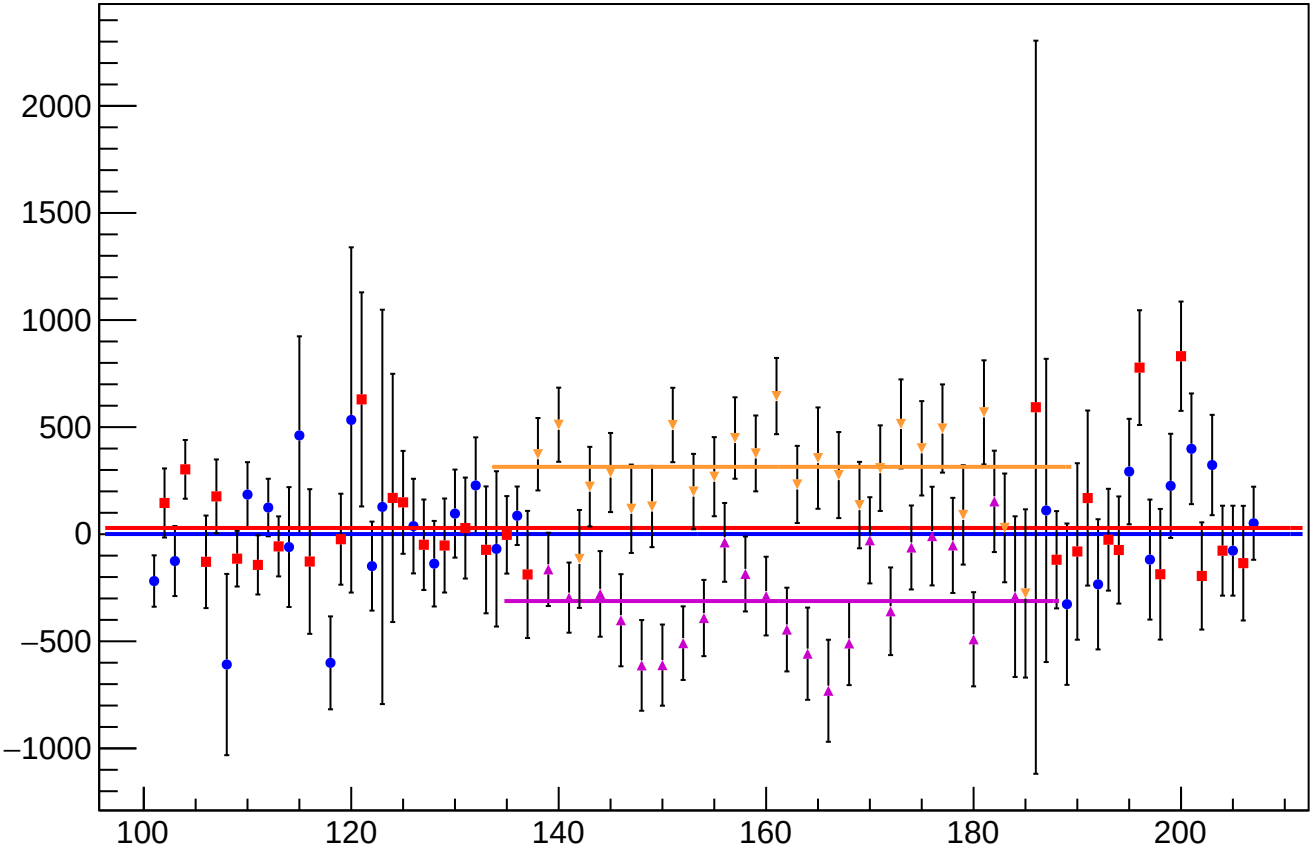
Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

+ sign 904.827+/-0.117 χ^2/NDF: 3122326.7/51

All: 892.542+/-0.081 χ^2/NDF: 7500182.5/104

- sign 880.880+/-0.114 χ^2/NDF: 4356268.5/52

dit_asym_sam6_mean vs Slug



Right In: 0.785+/-41.431 χ^2/NDF: 28.5/26

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: 29.237+/-39.634 χ^2/NDF: 32.5/29

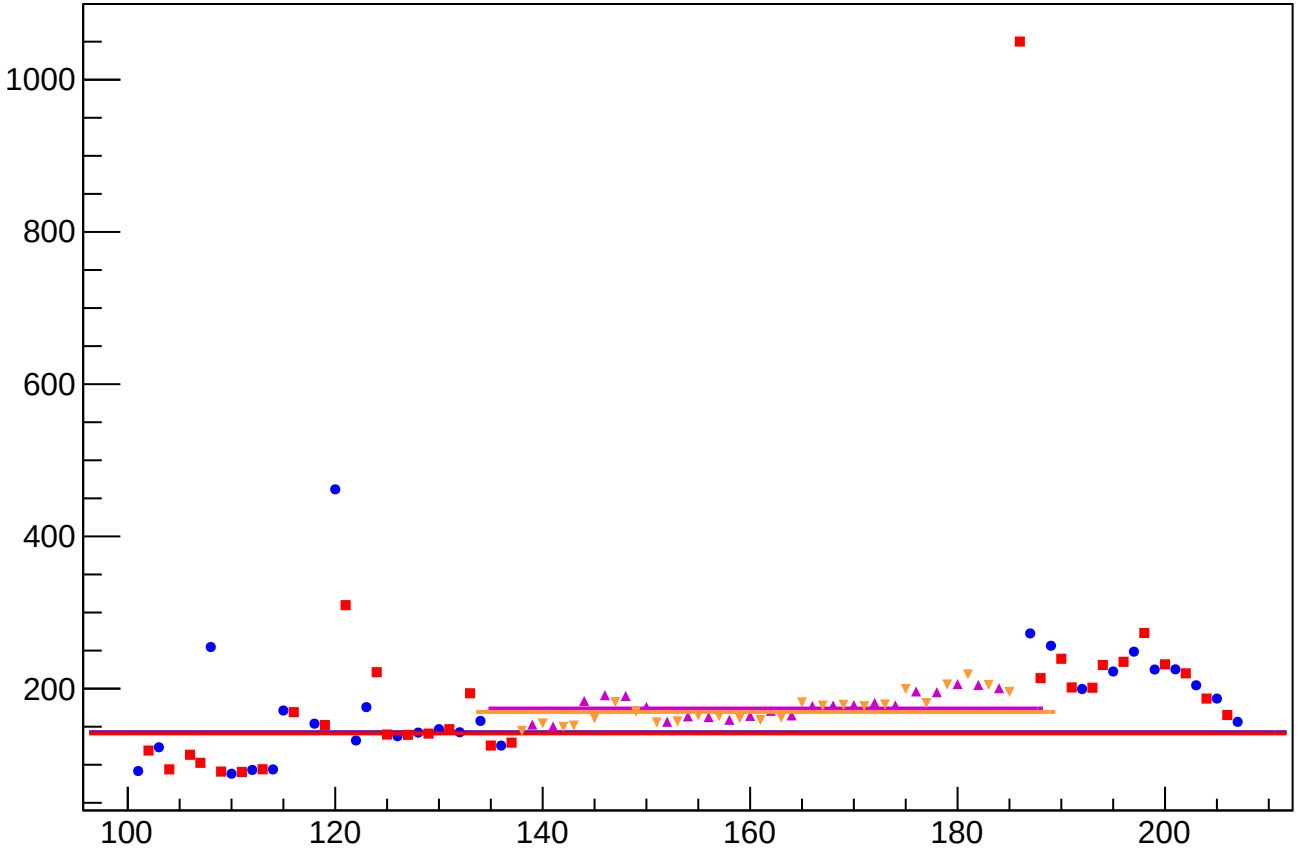
Left In: -312.097+/-41.646 χ^2/NDF:26.9/22

+ sign 163.877+/-28.709 χ^2/NDF: 79.7/51

All: 15.453+/-20.301 χ^2/NDF: 227.8/104

- sign -132.987+/-28.710 χ^2/NDF: 94.6/52

dit_asym_sam6_rms vs Slug



Right In: 142.661+/-0.029 χ^2/NDF: 2983010.5/26

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 141.207+/-0.028 χ^2/NDF: 4066799.0/29

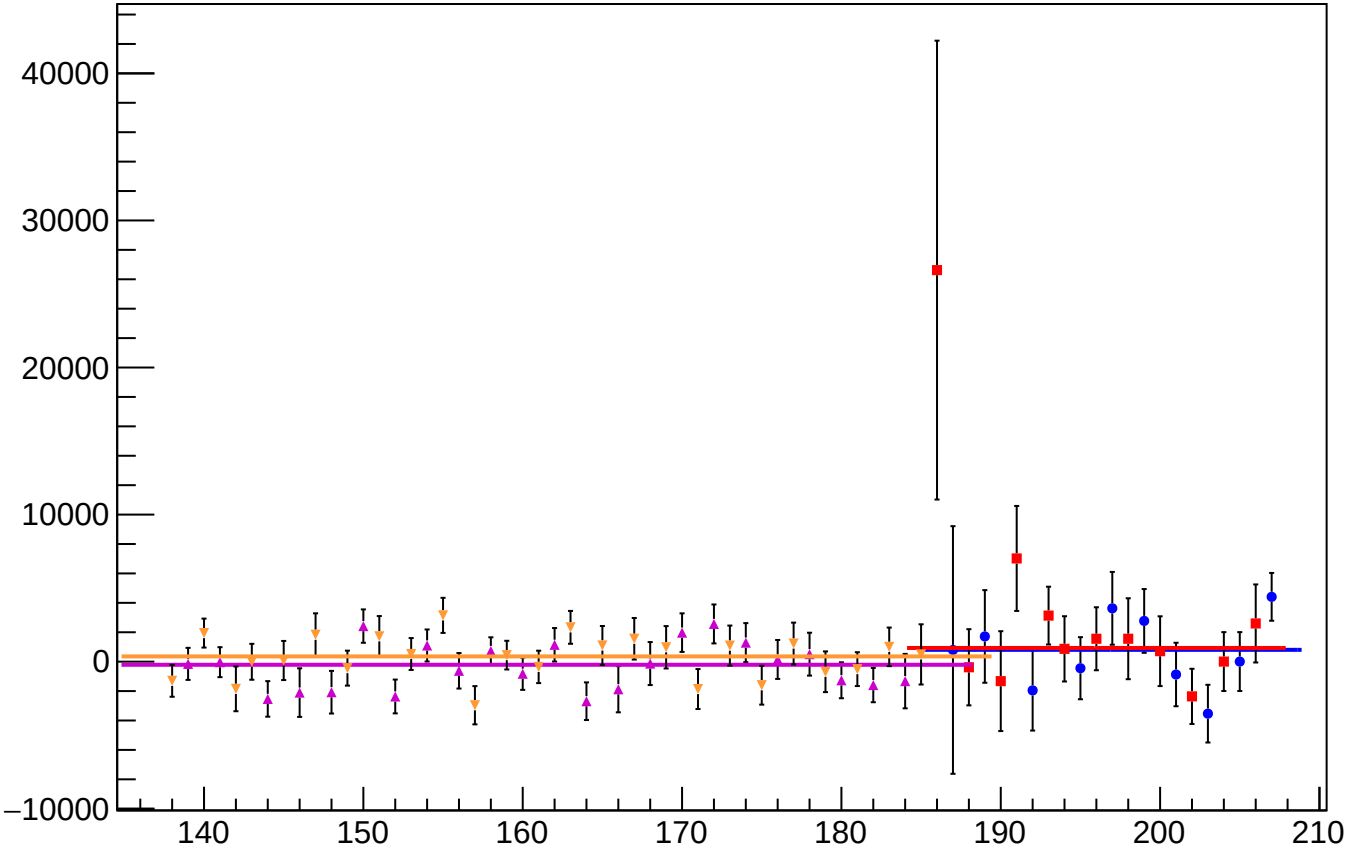
Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

+ sign 156.577+/-0.020 χ^2/NDF: 3803571.5/51

All: 156.648+/-0.014 χ^2/NDF: 8806786.3/104

- sign 156.719+/-0.020 χ^2/NDF: 5003190.3/52

asym_sam6_correction_mean vs Slug



Right In: 804.346+/-715.744 χ^2/NDF: 14.1/9

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: 931.685+/-709.903 χ^2/NDF: 11.4/11

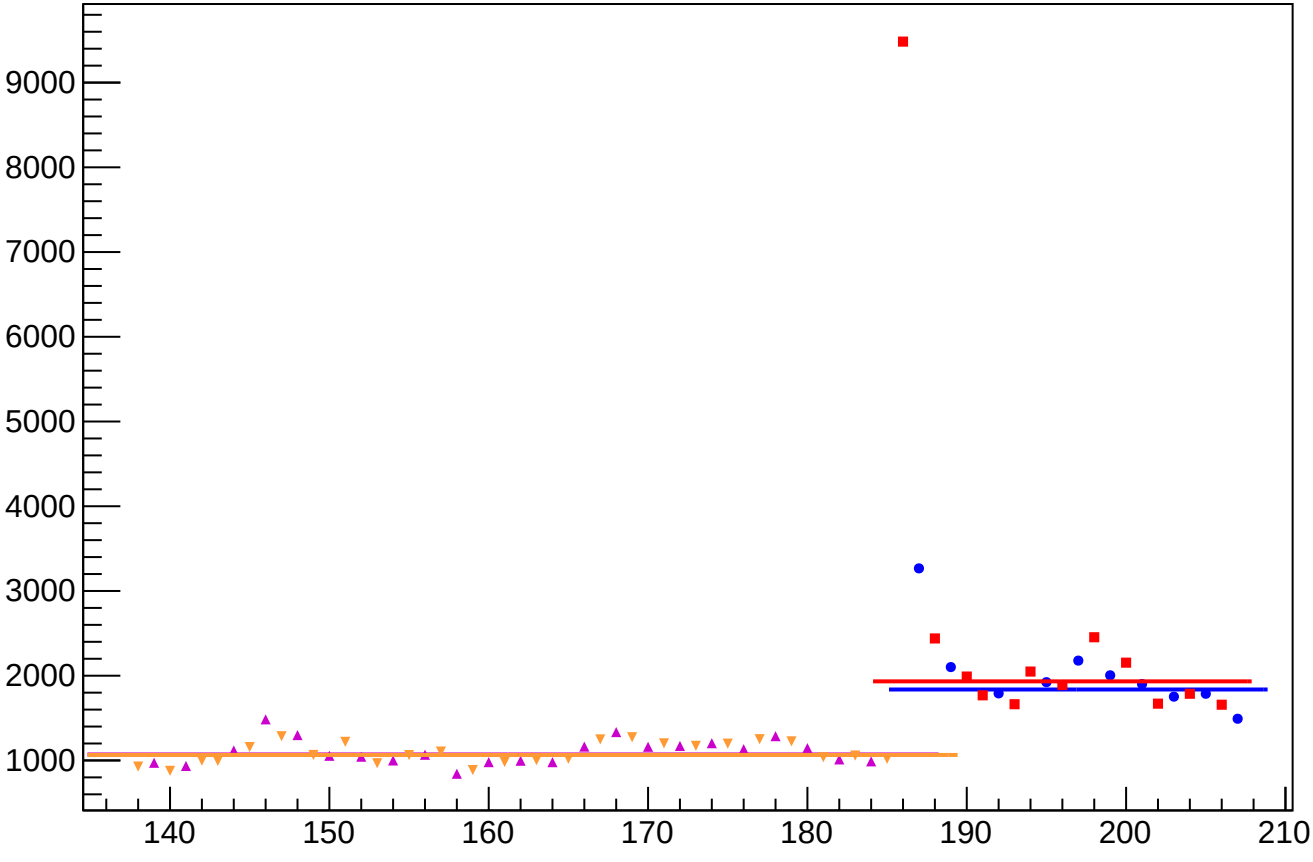
Left In: -212.007+/-257.383 χ^2/NDF:36.0/22

+ sign 405.621+/-236.803 χ^2/NDF: 47.8/34

All: 168.475+/-169.242 χ^2/NDF: 99.6/69

- sign -79.134+/-241.971 χ^2/NDF: 49.7/34

asym_sam6_correction_rms vs Slug



Right In: 1837.191+/-0.506 χ^2/NDF: 222579.3/9

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 1933.304+/-0.502 χ^2/NDF: 754204.1/11

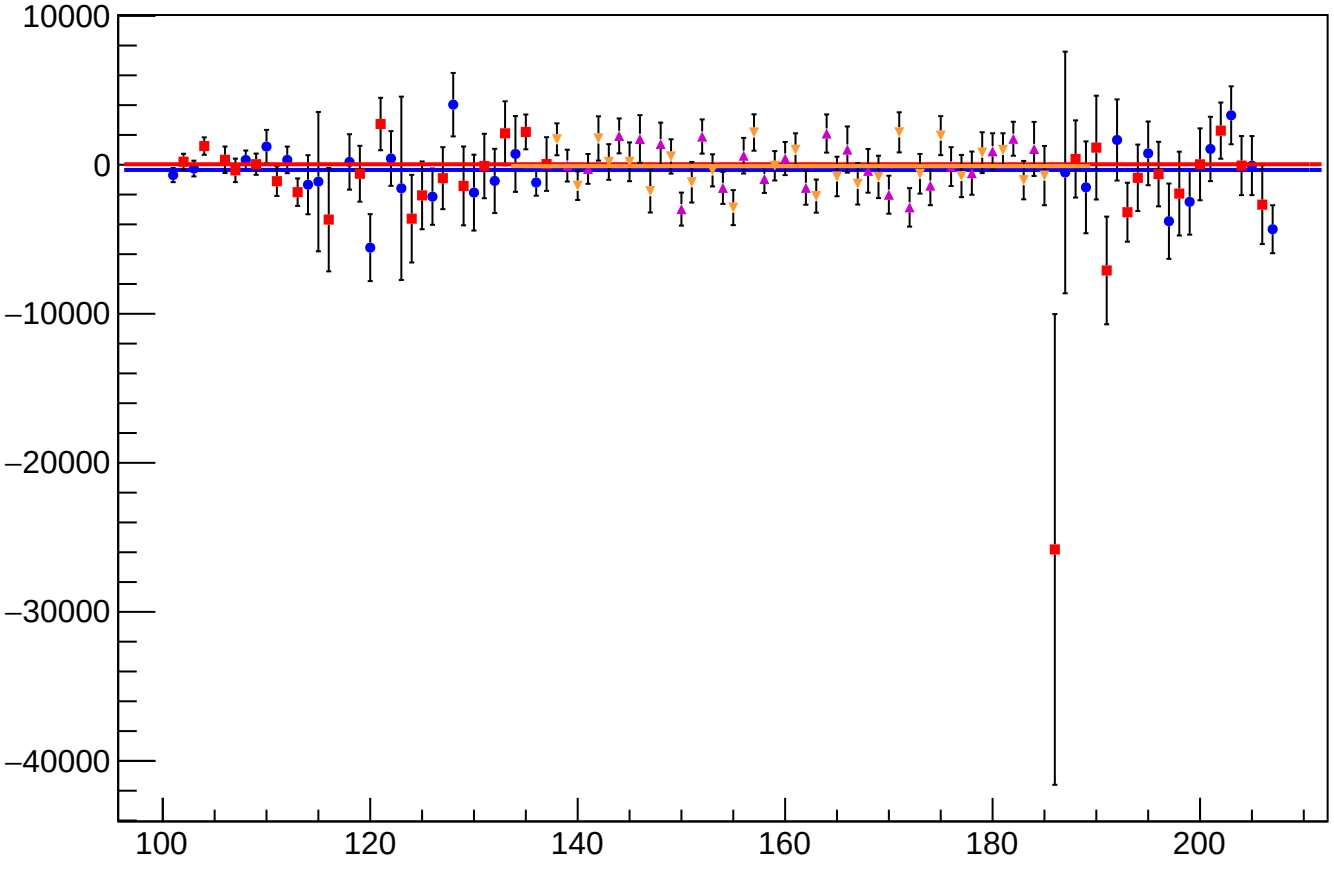
Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

+ sign 1149.407+/-0.167 χ^2/NDF: 2789989.7/34

All: 1159.927+/-0.120 χ^2/NDF: 6732576.1/69

- sign 1170.911+/-0.171 χ^2/NDF: 3934518.5/34

asym_sam6_mean vs Slug



Right In: -349.777+/-236.012 χ^2/NDF: 30.8/26

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: 33.965+/-234.039 χ^2/NDF: 33.7/29

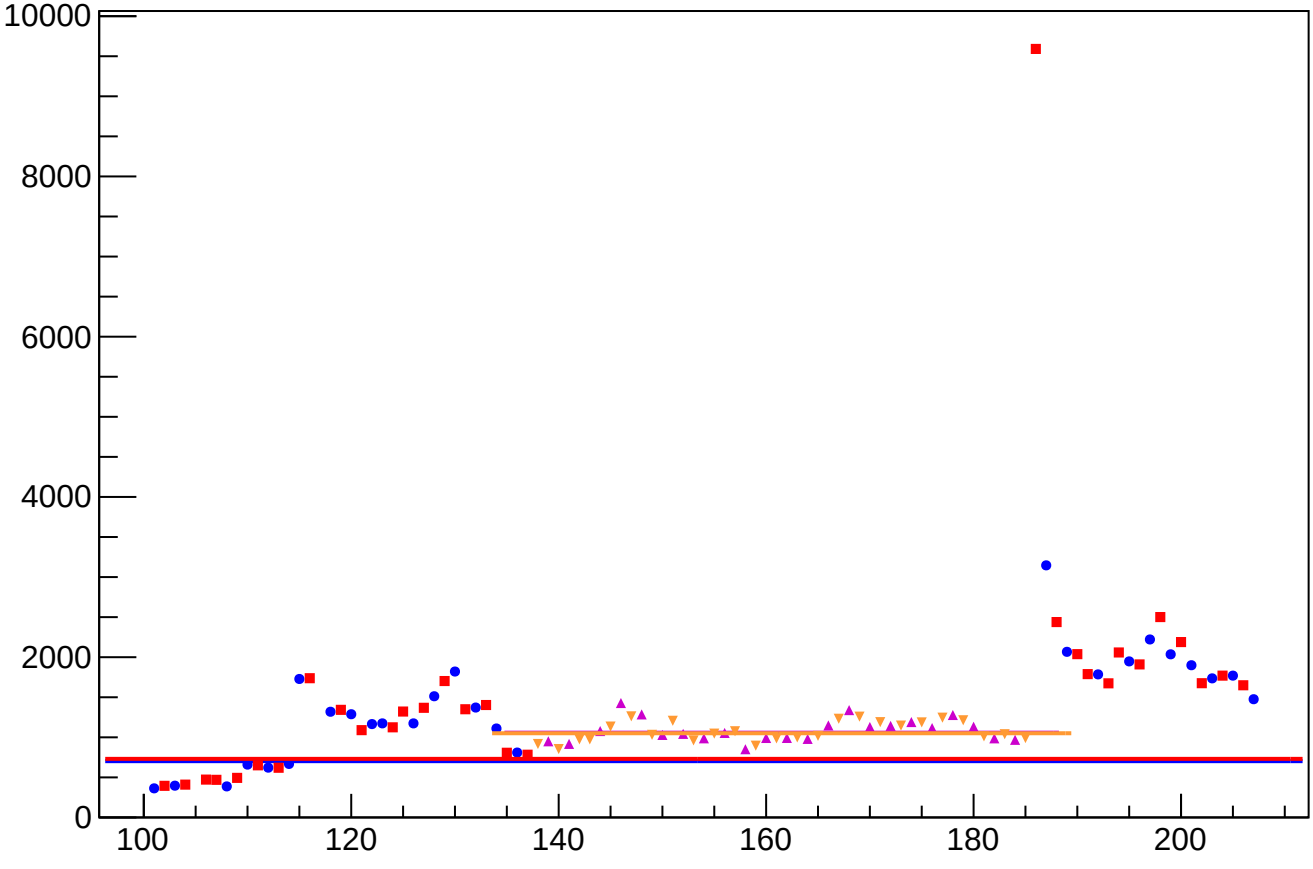
Left In: -110.879+/-254.337 χ^2/NDF:35.2/22

+ sign -225.761+/-170.727 χ^2/NDF: 62.3/51

All: -129.946+/-121.247 χ^2/NDF: 132.0/104

- sign -32.448+/-172.220 χ^2/NDF: 69.1/52

asym_sam6_rms vs Slug



Right In: 702.442+/-0.167 χ^2/NDF: 9124610.1/26

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 731.233+/-0.165 χ^2/NDF: 10036636.5/29

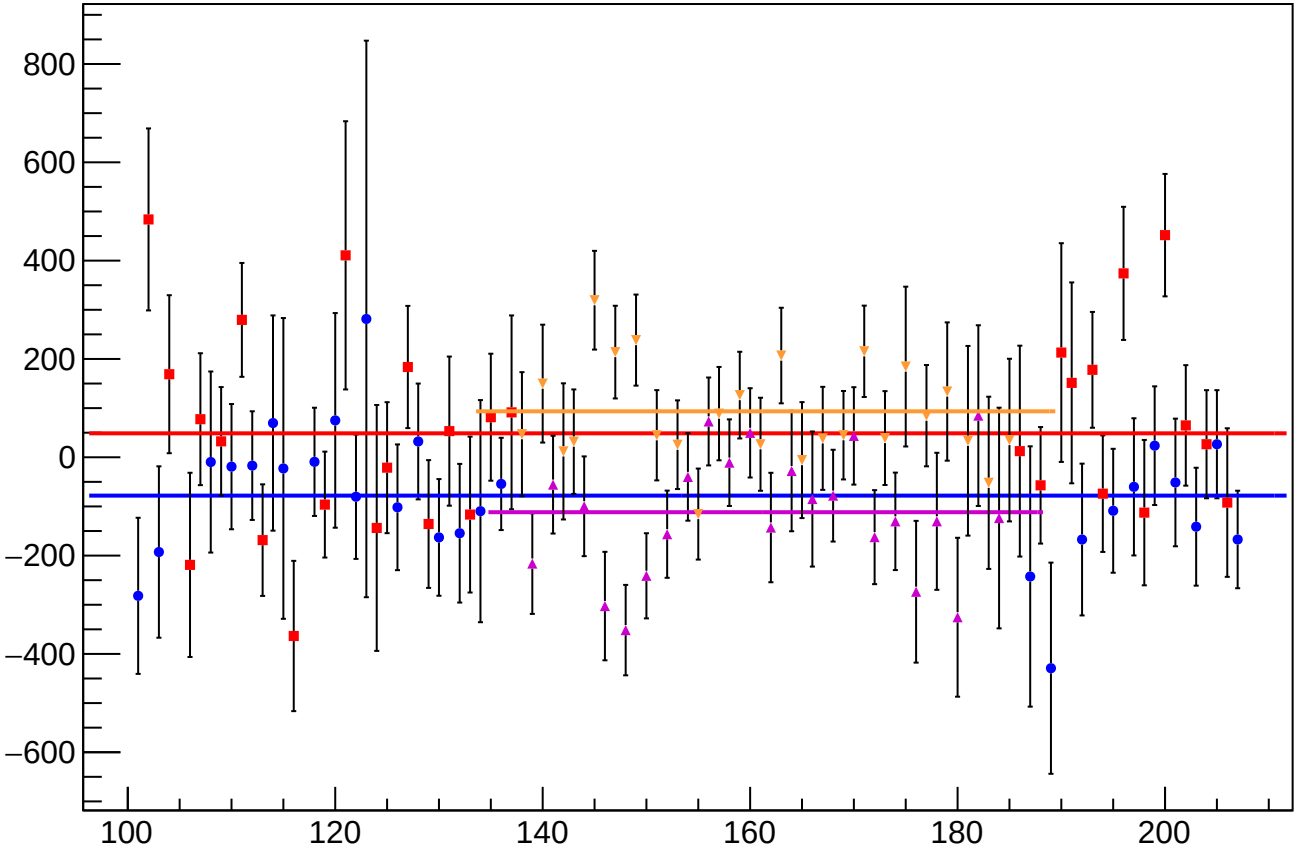
Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

+ sign 868.566+/-0.121 χ^2/NDF: 11686669.8/51

All: 874.793+/-0.086 χ^2/NDF: 24050243.8/10

- sign 881.129+/-0.122 χ^2/NDF: 12358206.5/52

dit_asym_sam7_mean vs Slug



Right In: -77.985+/-26.650 χ^2/NDF: 12.5/26

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: 48.726+/-25.549 χ^2/NDF: 54.2/29

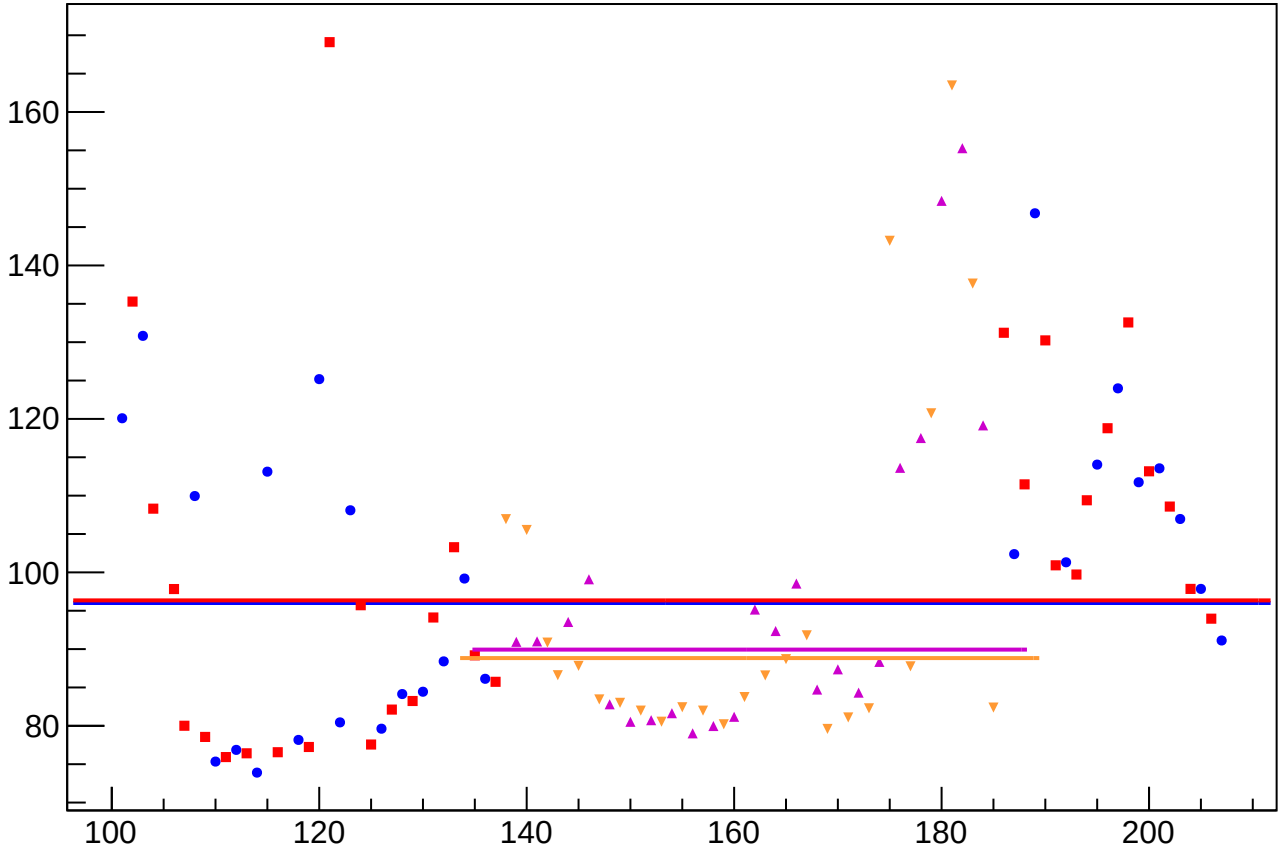
Left In: -111.732+/-21.971 χ^2/NDF:30.7/22

+ sign 26.713+/-16.631 χ^2/NDF: 60.6/51

All: -8.345+/-11.770 χ^2/NDF: 177.0/104

- sign -43.518+/-16.659 χ^2/NDF: 107.6/52

dit_asym_sam7_rms vs Slug



Right In: 96.010+/-0.019 χ^2/NDF: 825862.5/26

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 96.348+/-0.018 χ^2/NDF: 1037389.7/29

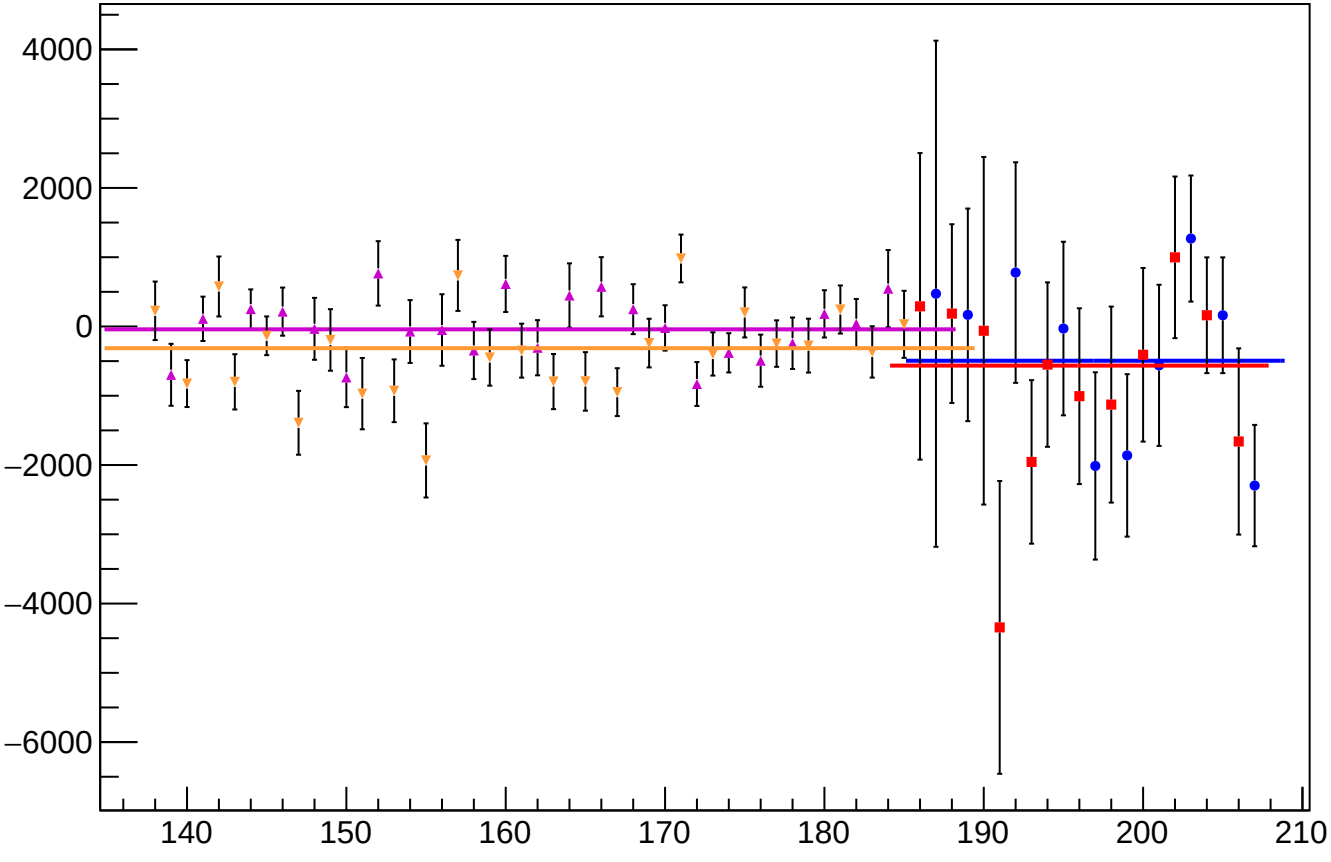
Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

+ sign 91.626+/-0.012 χ^2/NDF: 1915154.8/51

All: 92.143+/-0.008 χ^2/NDF: 3903006.9/104

- sign 92.661+/-0.012 χ^2/NDF: 1983987.0/52

asym_sam7_correction_mean vs Slug



Right In: -494.503+/-365.454 χ^2/NDF: 12.3/9

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: -564.888+/-375.476 χ^2/NDF: 8.6/11

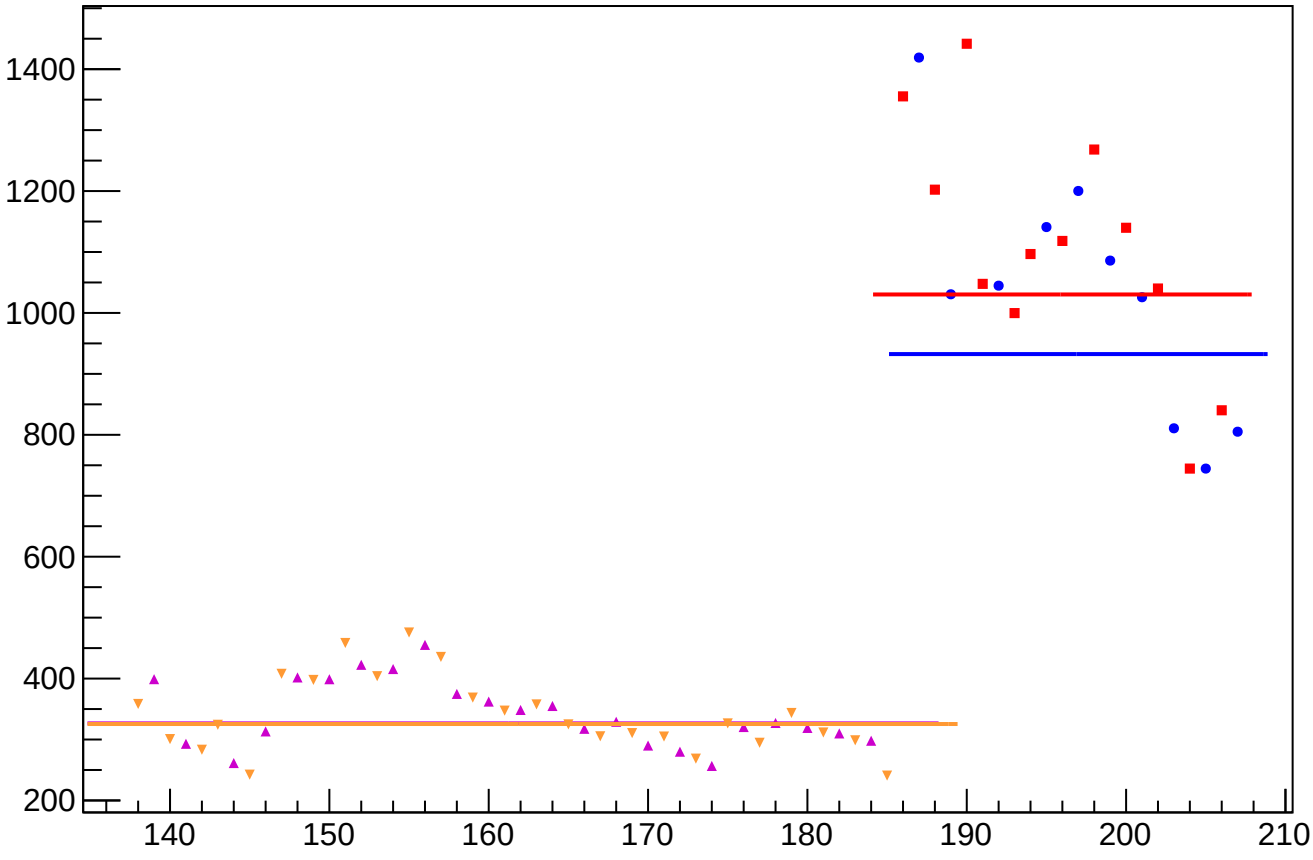
Left In: -41.244+/-78.858 χ^2/NDF:28.0/22

+ sign -321.207+/-75.659 χ^2/NDF: 70.6/34

All: -194.842+/-54.027 χ^2/NDF: 114.8/69

- sign -63.365+/-77.174 χ^2/NDF: 38.5/34

asym_sam7_correction_rms vs Slug



Right In: 932.485+/-0.258 χ^2/NDF: 413686.5/9

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1030.304+/-0.266 χ^2/NDF: 495509.9/11

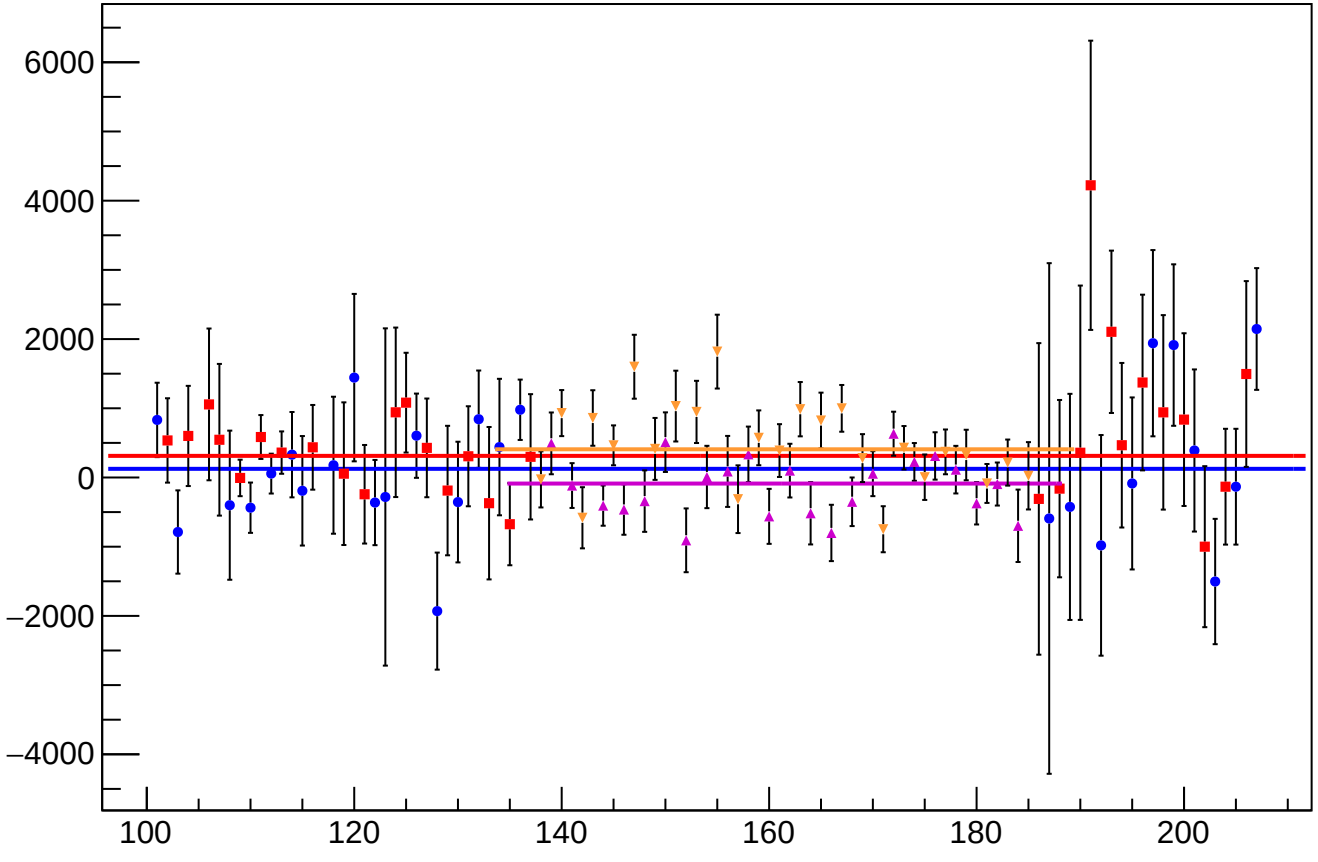
Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

+ sign 351.450+/-0.053 χ^2/NDF: 6696578.2/34

All: 353.802+/-0.038 χ^2/NDF: 14766989.9/69

- sign 356.248+/-0.055 χ^2/NDF: 8066470.4/34

asym_sam7_mean vs Slug



Right In: 125.184+/-132.895 χ^2/NDF: 34.1/26

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: 312.477+/-122.632 χ^2/NDF: 18.1/29

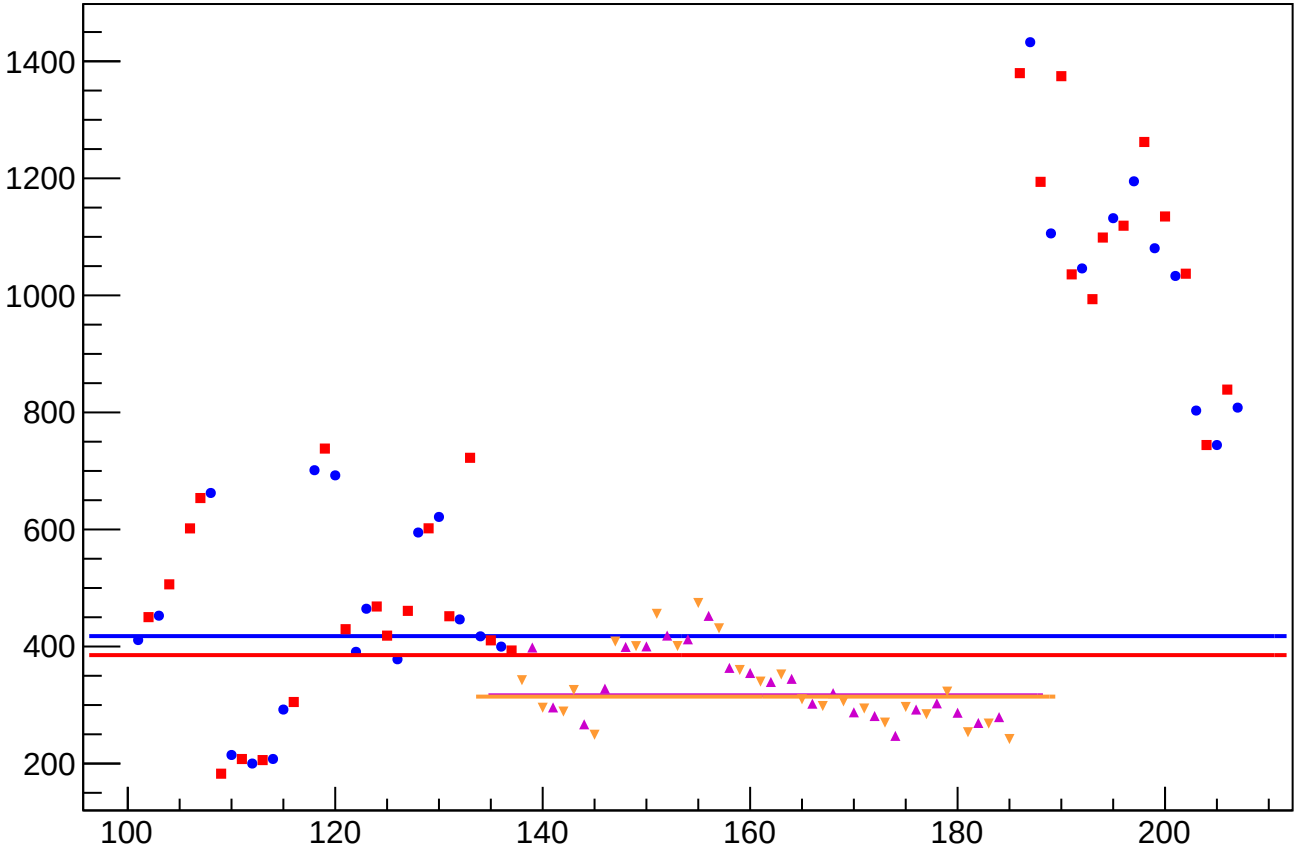
Left In: -87.657+/-76.572 χ^2/NDF:27.4/22

+ sign 339.581+/-65.138 χ^2/NDF: 90.6/51

All: 181.628+/-45.993 χ^2/NDF: 155.5/104

- sign 24.585+/-64.950 χ^2/NDF: 53.2/52

asym_sam7_rms vs Slug



Right In: 417.789+/-0.094 χ^2/NDF: 7046594.1/26

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 385.313+/-0.087 χ^2/NDF: 9767151.0/29

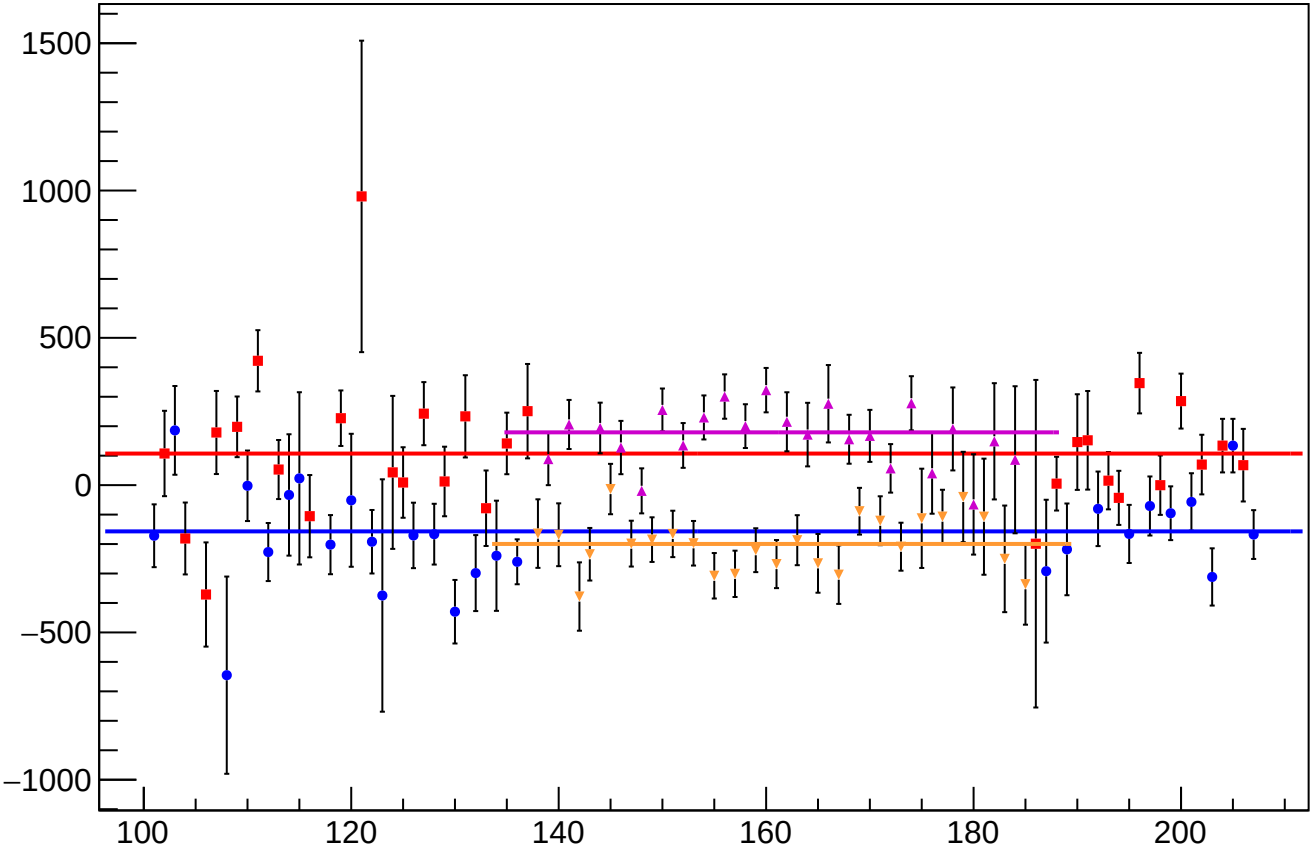
Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

+ sign 339.242+/-0.046 χ^2/NDF: 9078437.7/51

All: 337.560+/-0.033 χ^2/NDF: 20229468.6/10

- sign 335.887+/-0.046 χ^2/NDF: 11148369.4/52

dit_asym_sam8_mean vs Slug



Right In: -156.999+/-22.342 χ^2/NDF: 36.6/26

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: 107.153+/-21.562 χ^2/NDF: 52.7/29

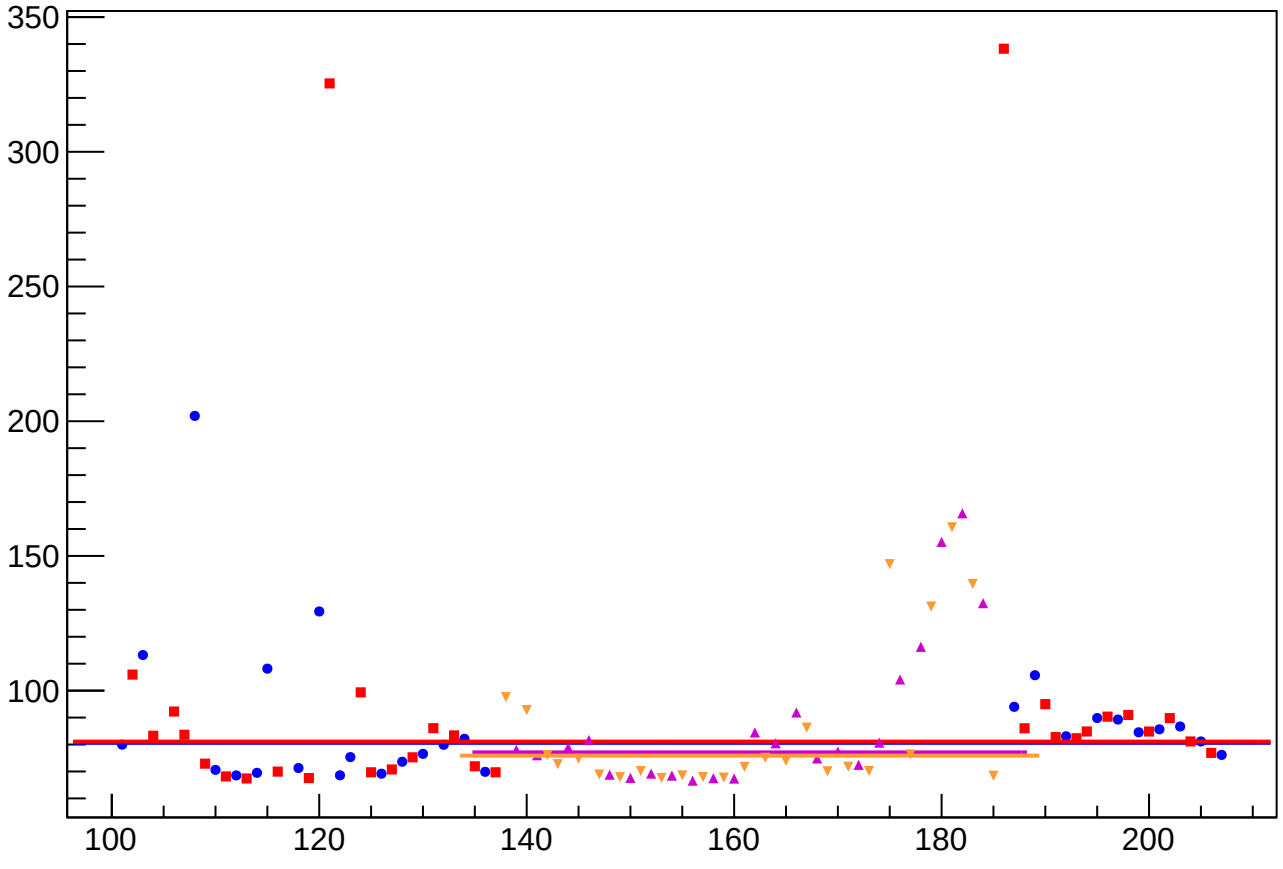
Left In: 179.154+/-19.112 χ^2/NDF:23.9/22

+ sign -182.349+/-14.227 χ^2/NDF: 59.0/51

All: -18.305+/-10.087 χ^2/NDF: 409.0/104

- sign 147.475+/-14.302 χ^2/NDF: 82.8/52

dit_asym_sam8_rms vs Slug



Right In: 80.634+/-0.016 χ^2/NDF: 747608.9/26

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 81.080+/-0.015 χ^2/NDF: 1218668.4/29

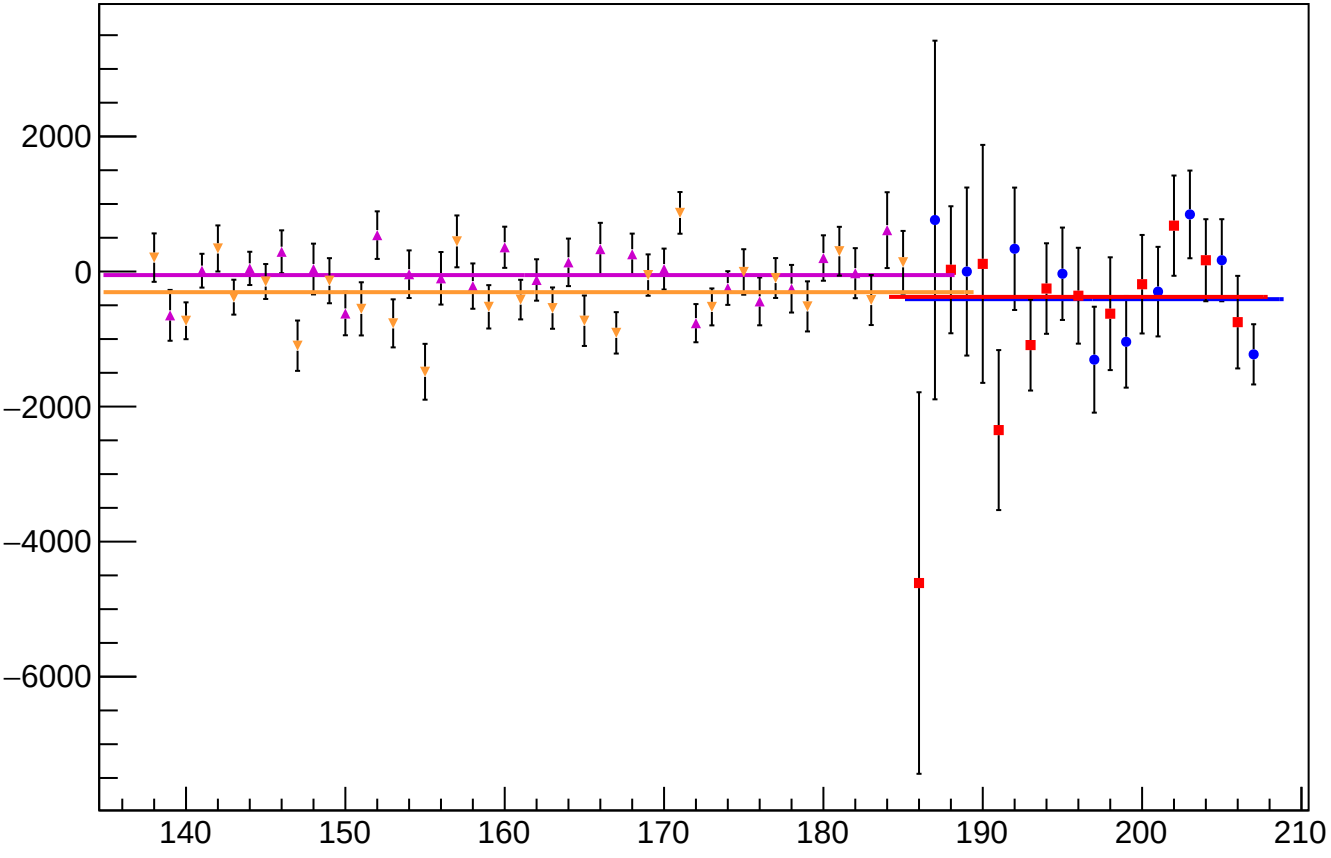
Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

+ sign 77.810+/-0.010 χ^2/NDF: 2353874.5/51

All: 78.322+/-0.007 χ^2/NDF: 5039294.1/104

- sign 78.840+/-0.010 χ^2/NDF: 2680205.1/52

asym_sam8_correction_mean vs Slug



Right In: -409.359+/-221.843 χ^2/NDF: 11.5/9

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: -375.769+/-231.445 χ^2/NDF: 9.7/11

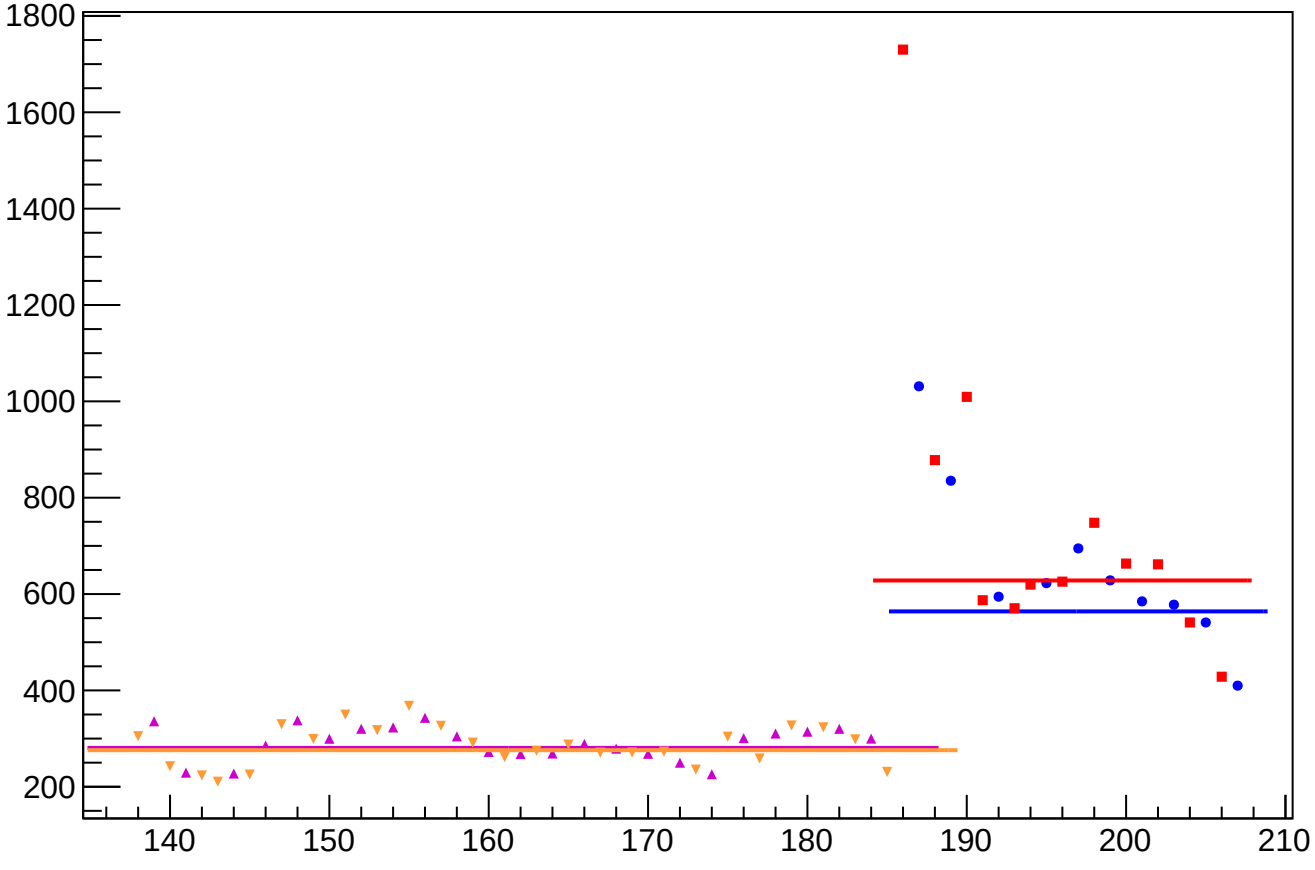
Left In: -52.759+/-67.539 χ^2/NDF:24.9/22

+ sign -313.934+/-62.666 χ^2/NDF: 66.6/34

All: -200.030+/-45.059 χ^2/NDF: 109.8/69

- sign -78.107+/-64.835 χ^2/NDF: 36.4/34

asym_sam8_correction_rms vs Slug



Right In: 563.992+/-0.157 χ^2/NDF: 492080.0/9

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 628.201+/-0.164 χ^2/NDF: 817170.5/11

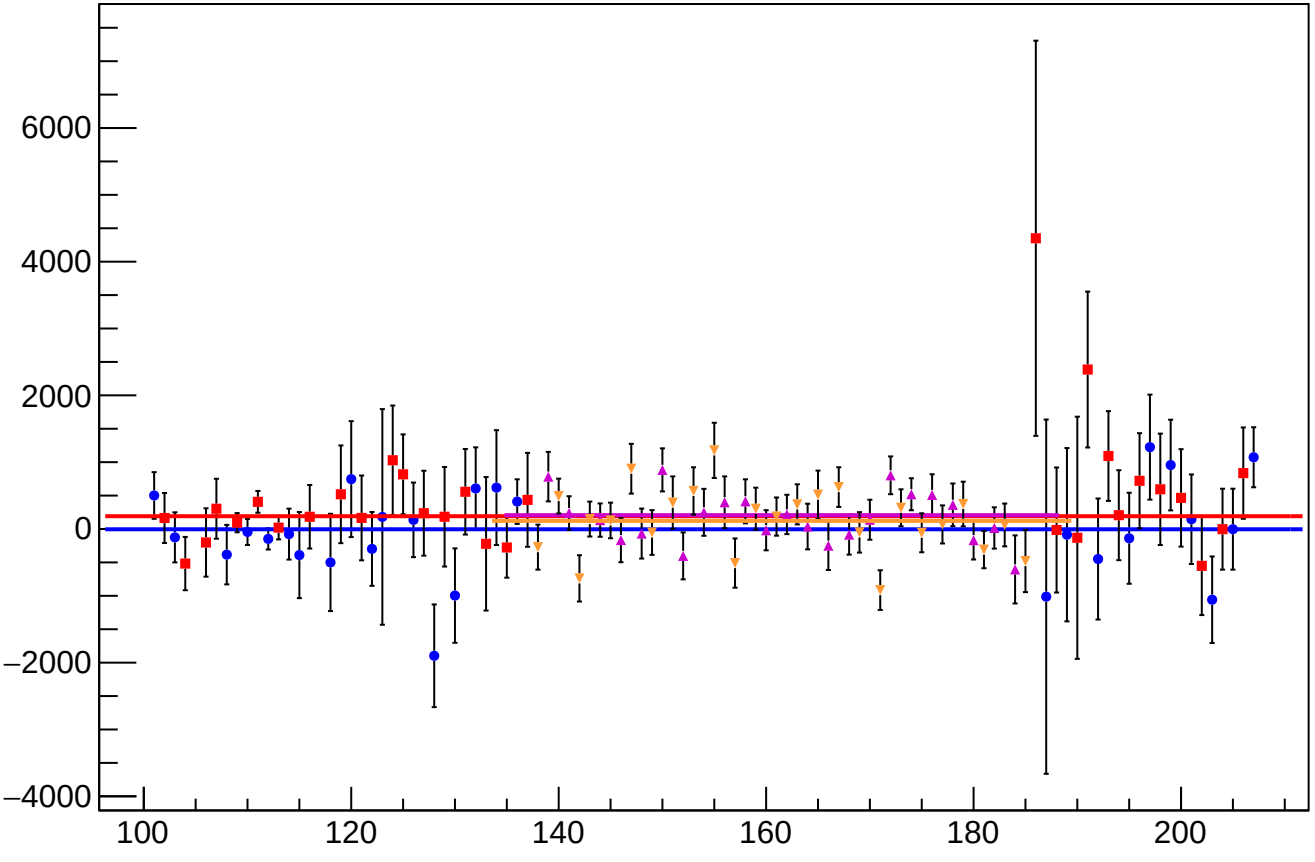
Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

+ sign 298.889+/-0.044 χ^2/NDF: 4348904.3/34

All: 303.243+/-0.032 χ^2/NDF: 9930023.9/69

- sign 307.904+/-0.046 χ^2/NDF: 5561130.2/34

asym_sam8_mean vs Slug



Right In: -4.189+/-83.714 χ^2/NDF: 30.2/26

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: 191.350+/-73.093 χ^2/NDF: 21.3/29

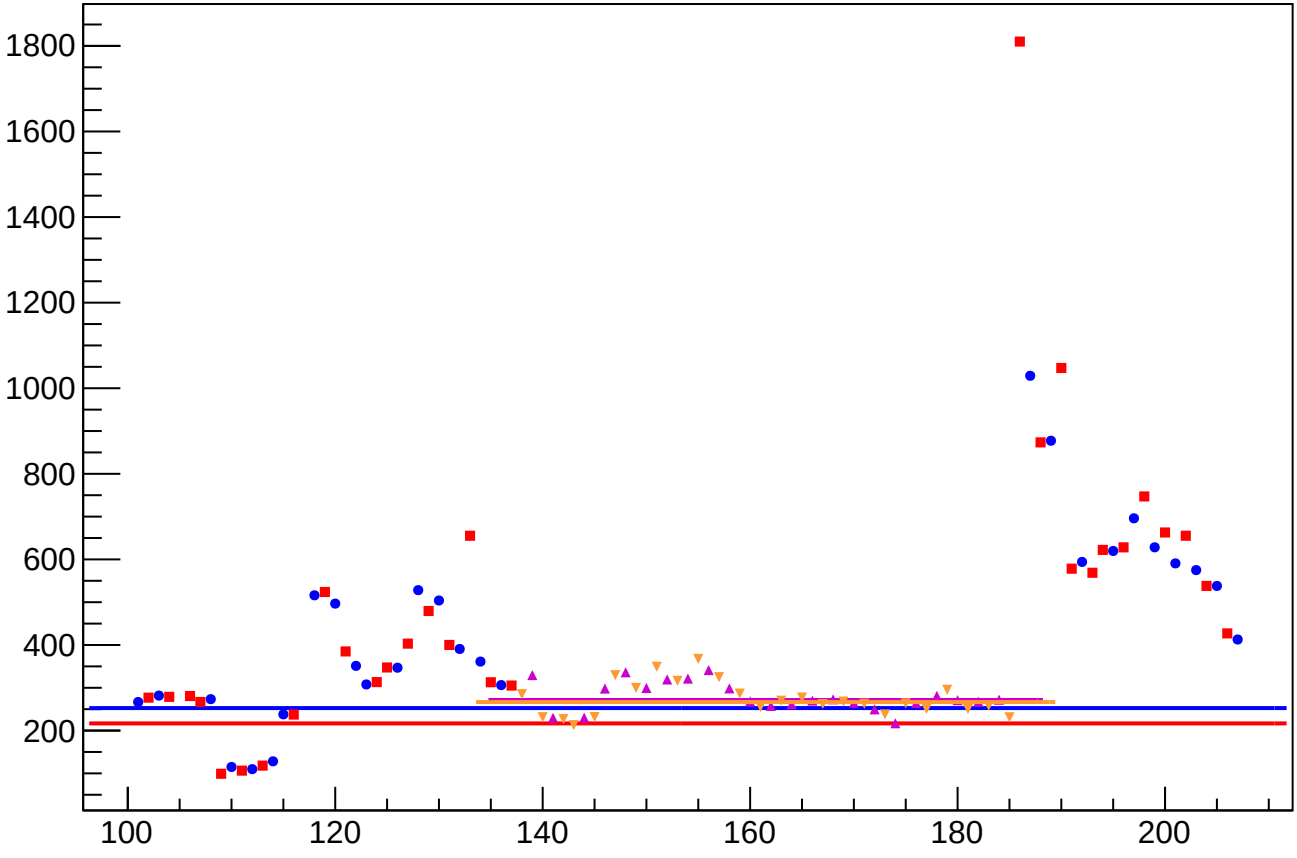
Left In: 207.047+/-65.246 χ^2/NDF:27.8/22

+ sign 75.935+/-50.293 χ^2/NDF: 80.7/51

All: 140.040+/-34.976 χ^2/NDF: 132.9/104

- sign 200.086+/-48.675 χ^2/NDF: 49.1/52

asym_sam8_rms vs Slug



Right In: 252.575+/-0.059 χ^2/NDF: 8545881.1/26

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 216.760+/-0.052 χ^2/NDF: 11902315.2/29

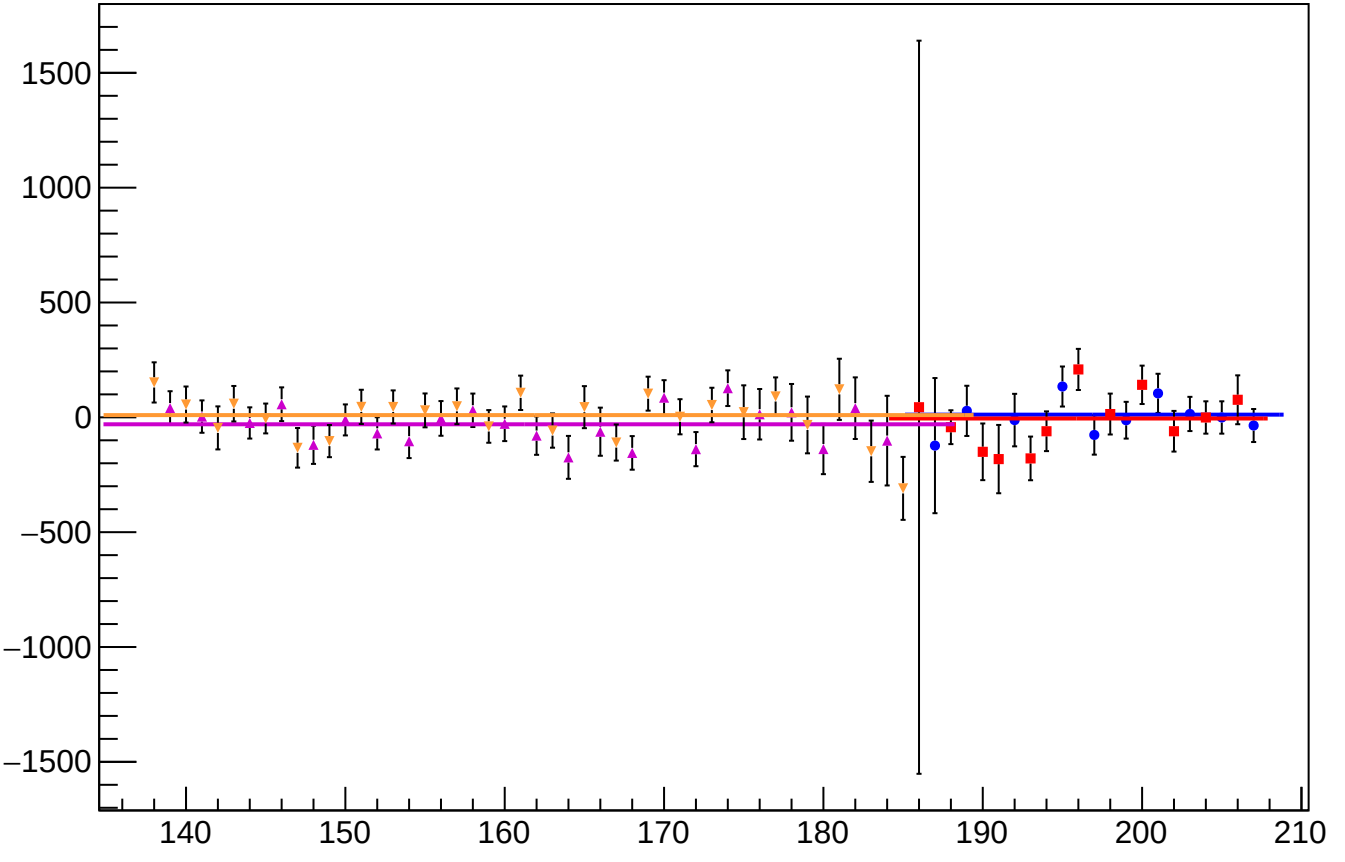
Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

+ sign 261.549+/-0.036 χ^2/NDF: 9221076.3/51

All: 254.139+/-0.025 χ^2/NDF: 22361542.8/10

- sign 247.198+/-0.034 χ^2/NDF: 13056371.4/52

dit_asym_sam_15_avg_mean vs Slug



Right In: 11.711+/-27.643 χ^2/NDF: 5.1/9

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: -5.068+/-27.203 χ^2/NDF: 16.6/11

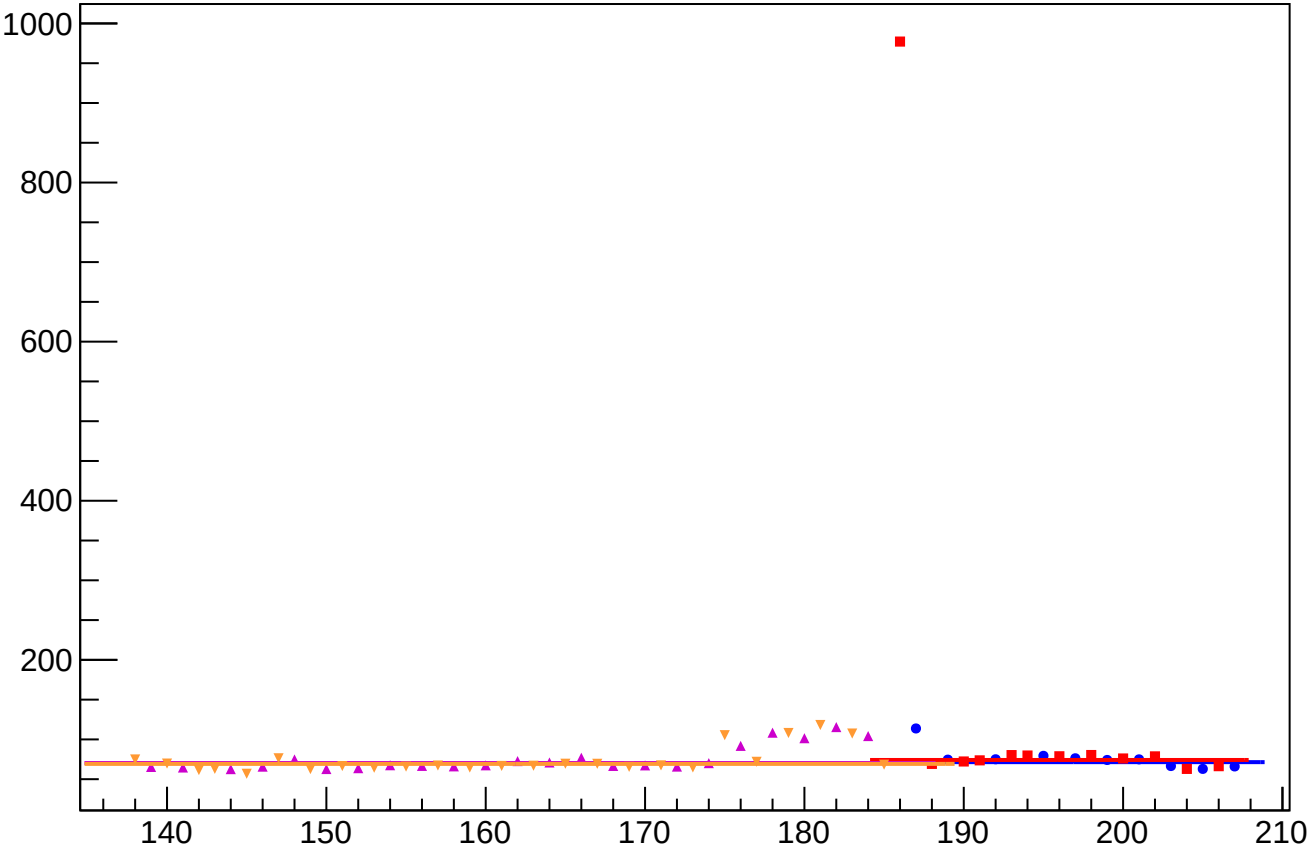
Left In: -30.236+/-17.031 χ^2/NDF:21.9/22

+ sign 10.272+/-14.145 χ^2/NDF: 31.0/34

All: -6.099+/-10.103 χ^2/NDF: 72.8/69

- sign -23.149+/-14.435 χ^2/NDF: 39.1/34

dit_asym_sam_15_avg_rms vs Slug



Right In: 71.425+/-0.020 χ^2/NDF: 122636.6/9

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 74.148+/-0.019 χ^2/NDF: 749290.4/11

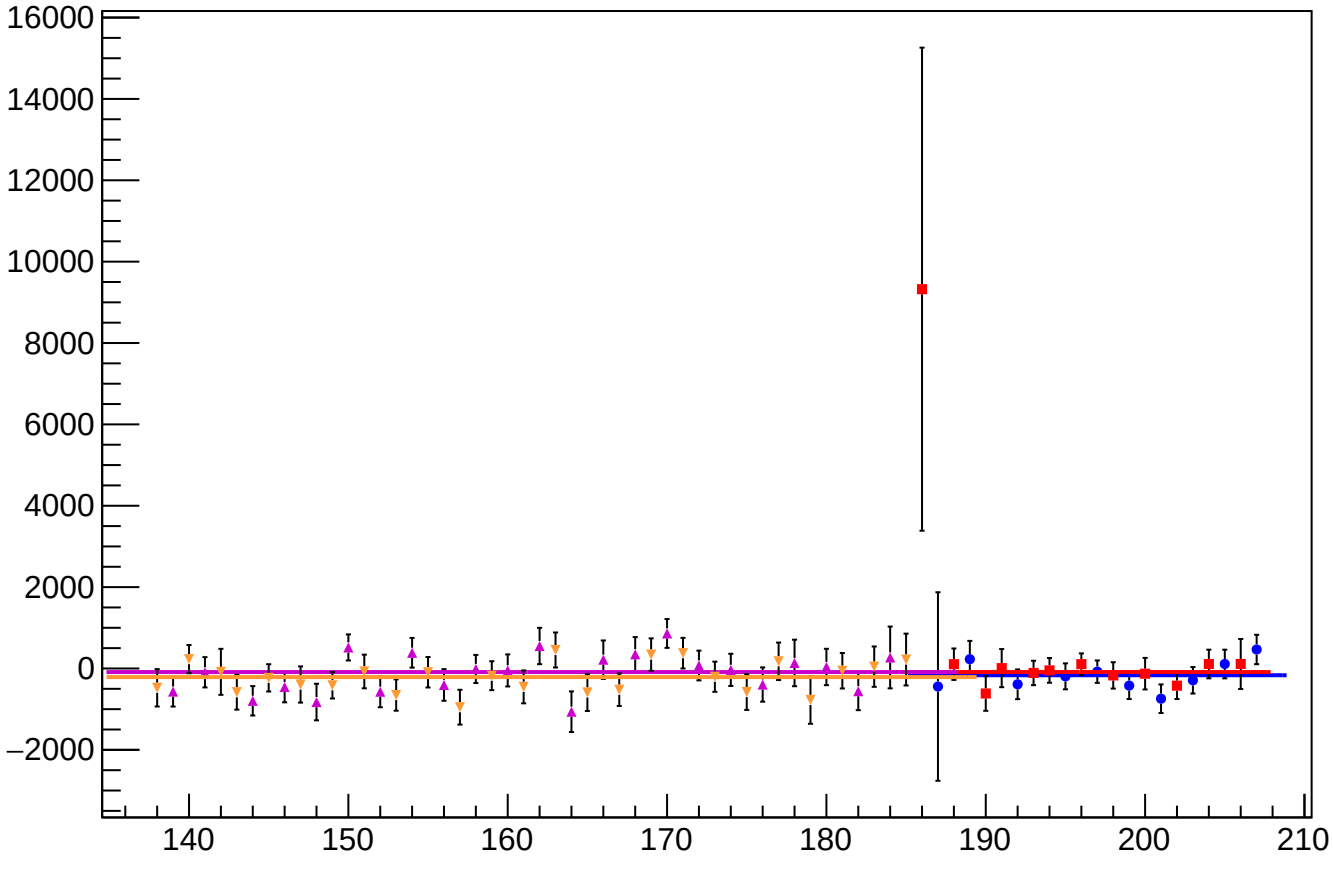
Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

+ sign 69.808+/-0.010 χ^2/NDF: 1137833.3/34

All: 70.587+/-0.007 χ^2/NDF: 2790057.8/69

- sign 71.400+/-0.010 χ^2/NDF: 1639813.1/34

asym_sam_15_avg_correction_mean vs Slug



Right In: -166.075+/-113.190 χ^2/NDF: 8.4/9

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: -87.541+/-105.876 χ^2/NDF: 6.4/11

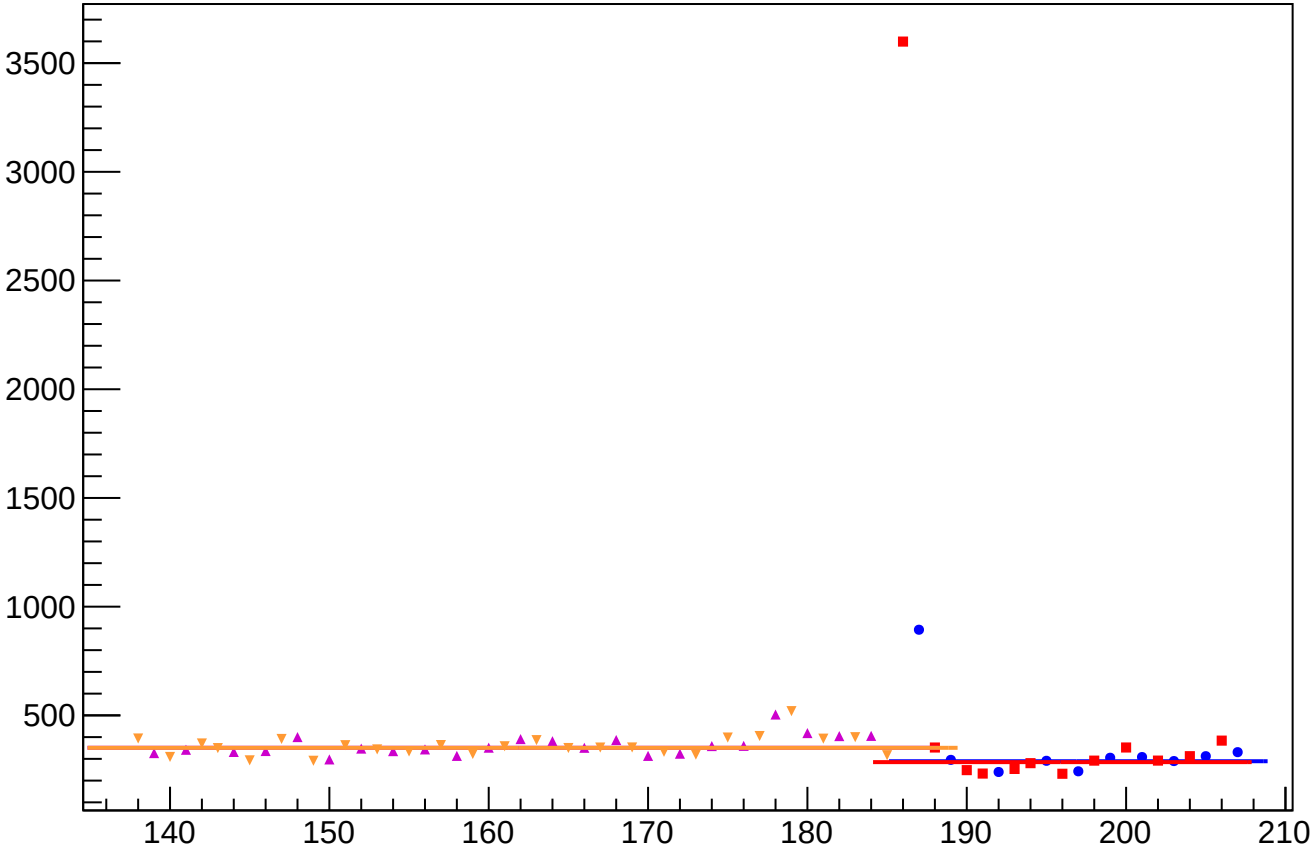
Left In: -88.062+/-84.309 χ^2/NDF:33.5/22

+ sign -195.688+/-66.818 χ^2/NDF: 27.9/34

All: -141.072+/-46.939 χ^2/NDF: 69.1/69

- sign -87.860+/-65.953 χ^2/NDF: 39.9/34

asym_sam_15_avg_correction_rms vs Slug



Right In: 289.089+/-0.080 χ^2/NDF: 275892.2/9

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 284.964+/-0.075 χ^2/NDF: 953774.0/11

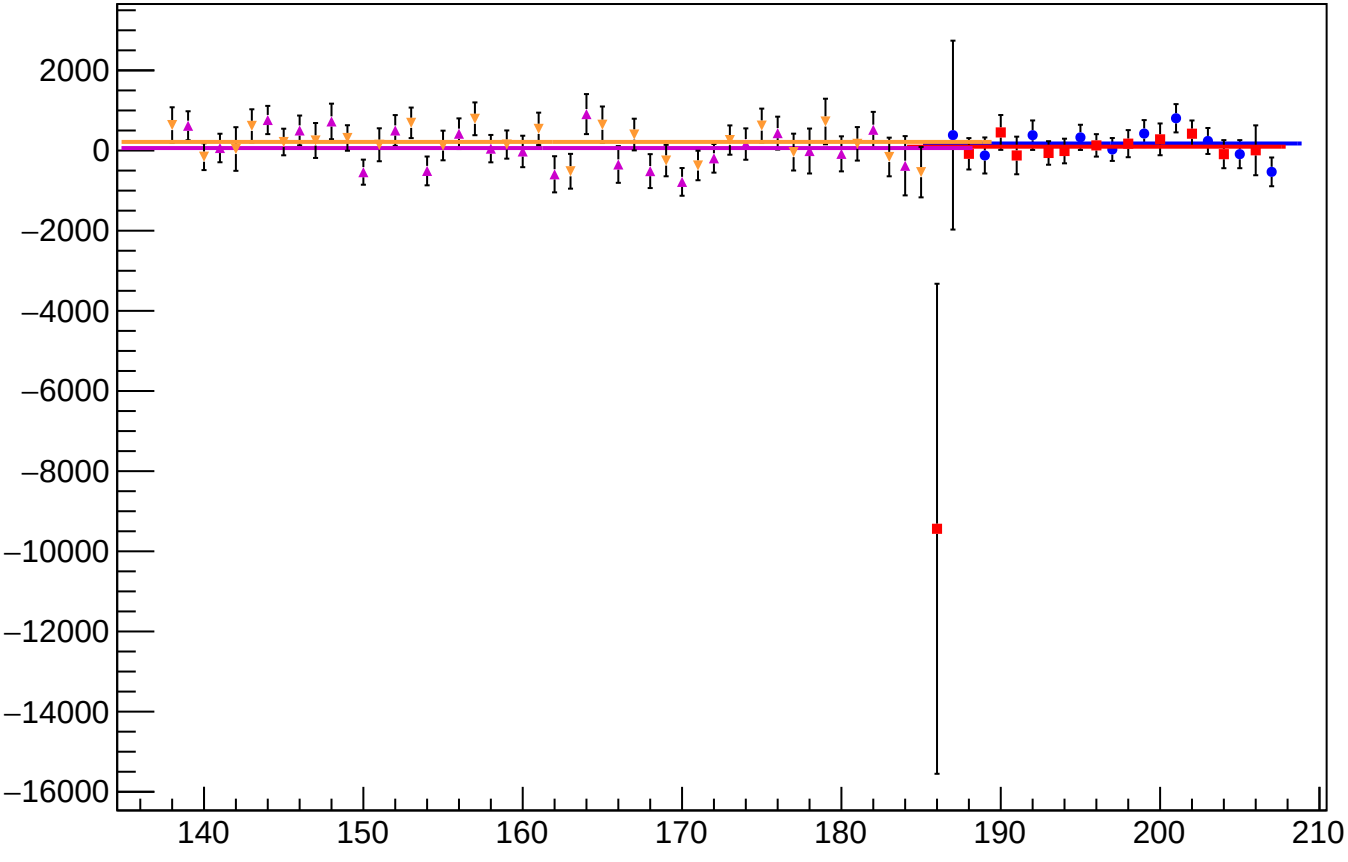
Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

+ sign 329.283+/-0.047 χ^2/NDF: 1169238.1/34

All: 327.286+/-0.033 χ^2/NDF: 3026733.1/69

- sign 325.341+/-0.047 χ^2/NDF: 1853970.0/34

asym_sam_15_avg_mean vs Slug



Right In: 175.831+/-113.793 χ^2/NDF: 9.5/9

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: 95.940+/-107.644 χ^2/NDF: 5.5/11

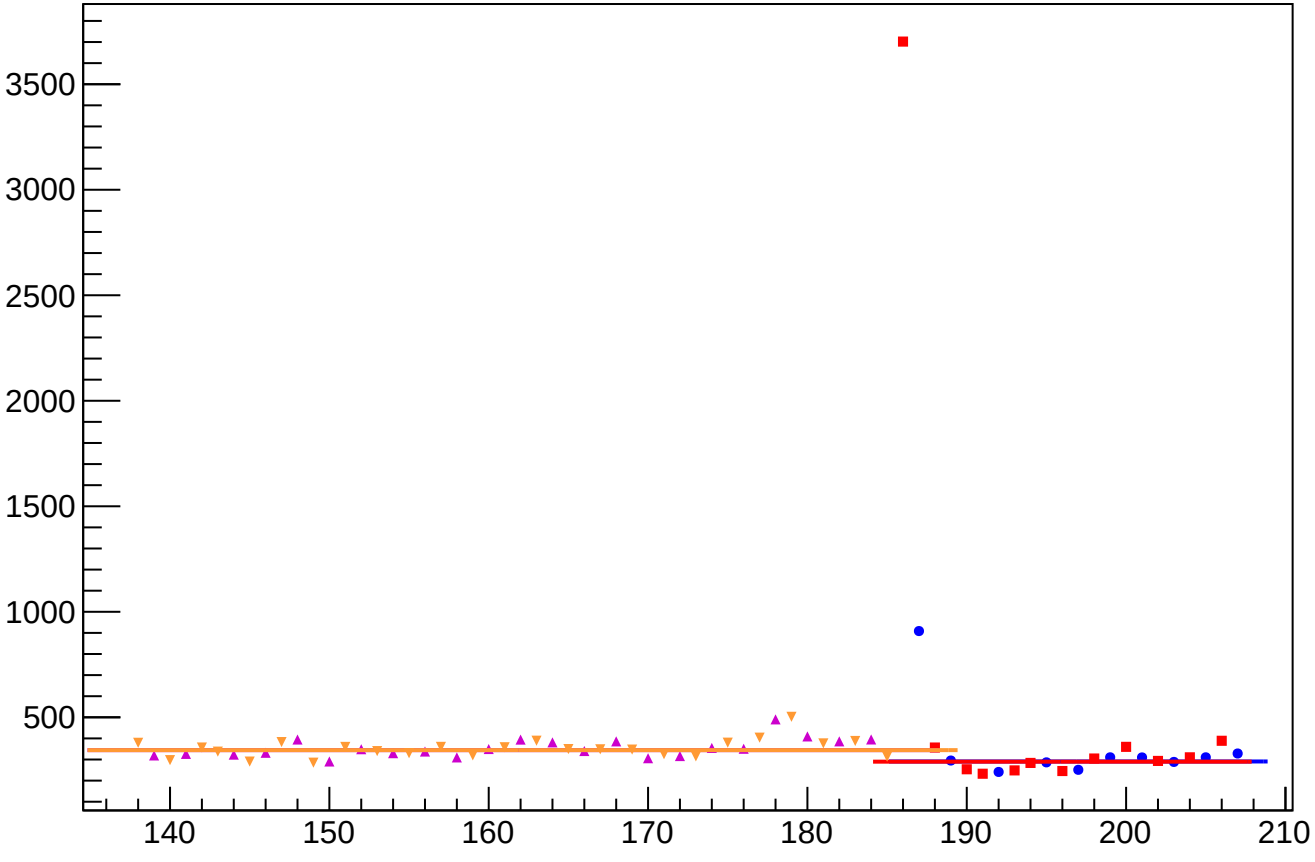
Left In: 61.730+/-82.841 χ^2/NDF:34.9/22

+ sign 201.919+/-66.116 χ^2/NDF: 29.2/34

All: 137.737+/-46.586 χ^2/NDF: 71.5/69

- sign 74.455+/-65.651 χ^2/NDF: 40.5/34

asym_sam_15_avg_rms vs Slug



Right In: 290.733+/-0.080 χ^2/NDF: 254070.1/9

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 289.843+/-0.076 χ^2/NDF: 940009.6/11

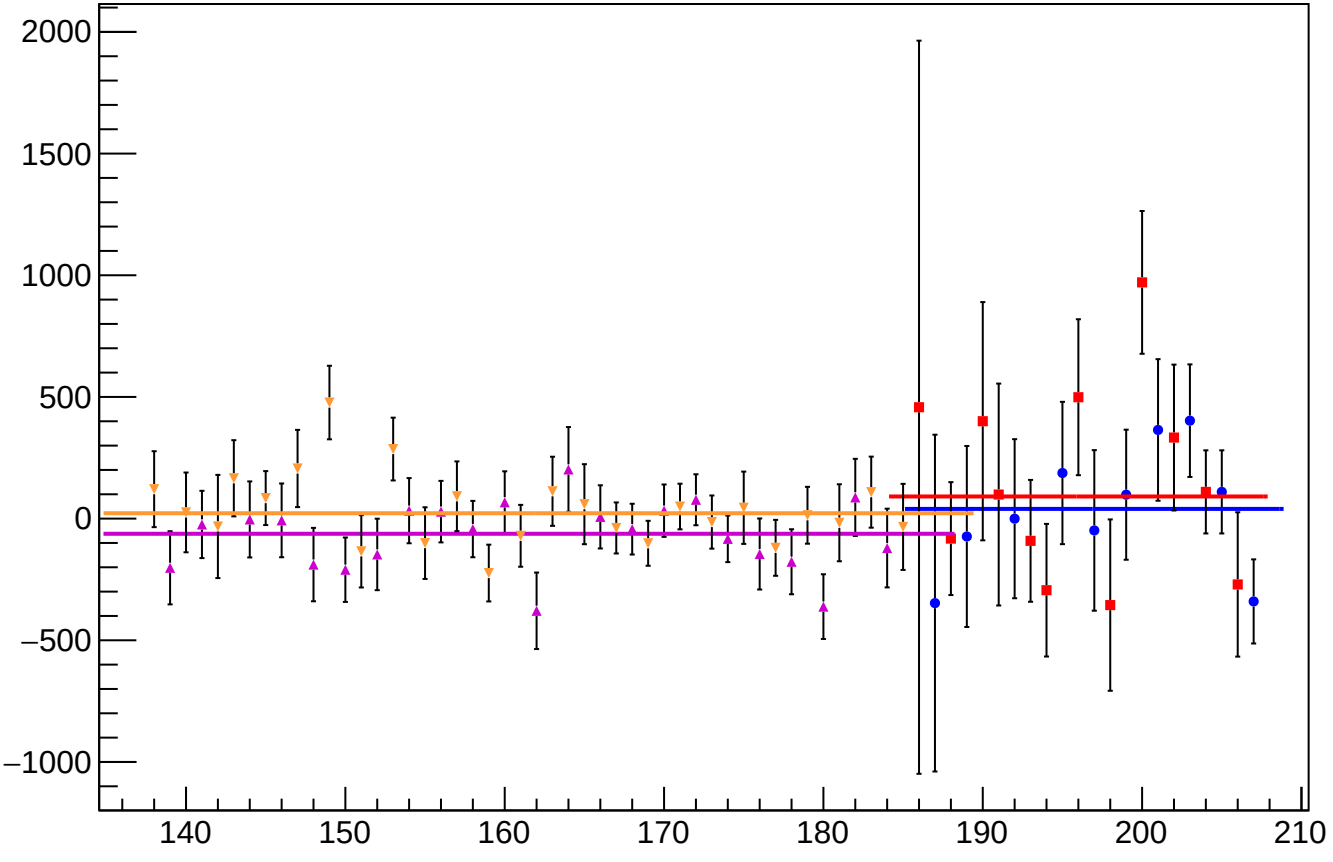
Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

+ sign 326.309+/-0.047 χ^2/NDF: 1037551.0/34

All: 325.224+/-0.033 χ^2/NDF: 2735579.5/69

- sign 324.154+/-0.046 χ^2/NDF: 1696958.4/34

dit_asym_sam_26_avg_mean vs Slug



Right In: 39.913+/-81.156 χ^2/NDF: 9.5/9

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 90.999+/-83.439 χ^2/NDF: 17.9/11

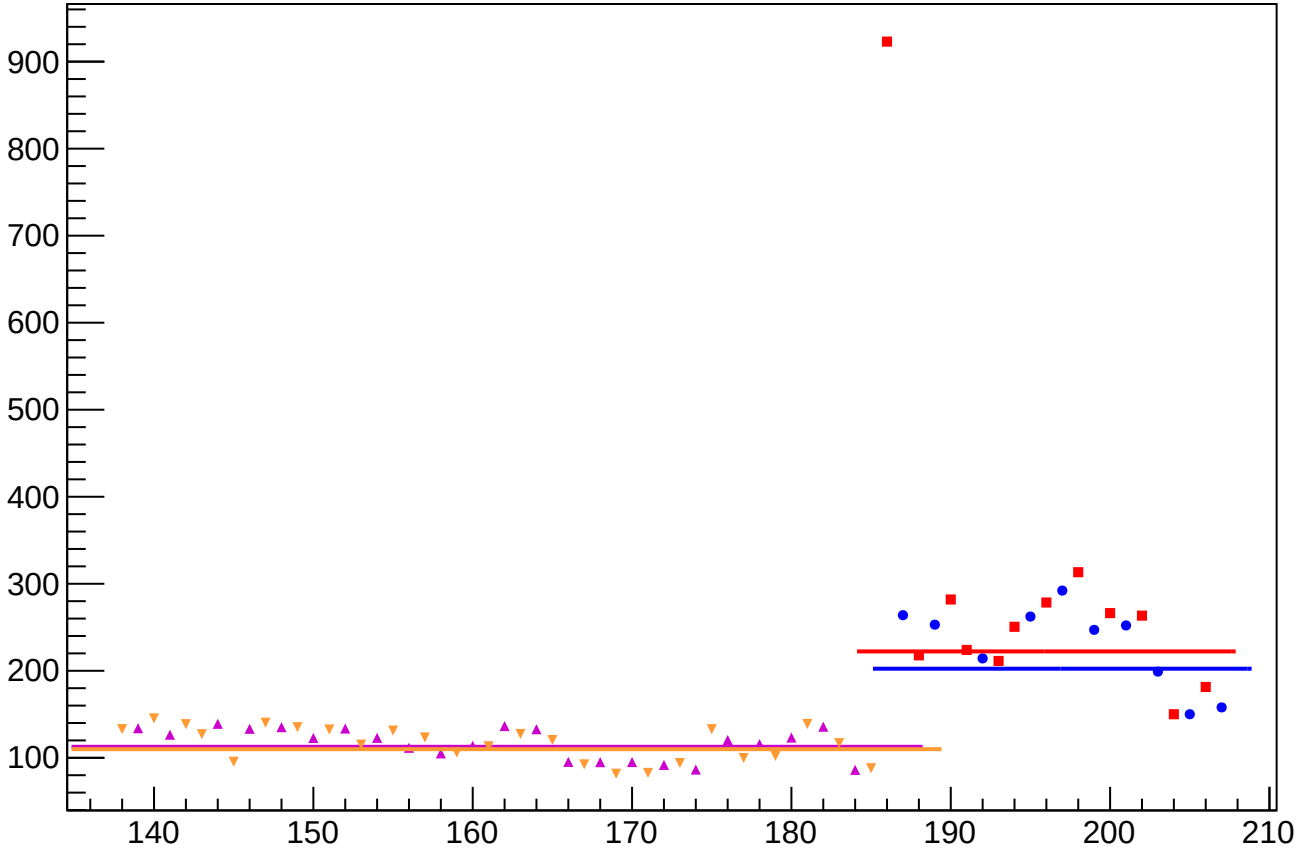
Left In: -62.310+/-27.398 χ^2/NDF:22.0/22

+ sign 23.849+/-25.005 χ^2/NDF: 37.6/34

All: -10.339+/-18.033 χ^2/NDF: 84.5/69

- sign -47.389+/-26.031 χ^2/NDF: 43.0/34

dit_asym_sam_26_avg_rms vs Slug



Right In: 202.389+/-0.057 χ^2/NDF: 722359.6/9

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 222.265+/-0.059 χ^2/NDF: 1161856.3/11

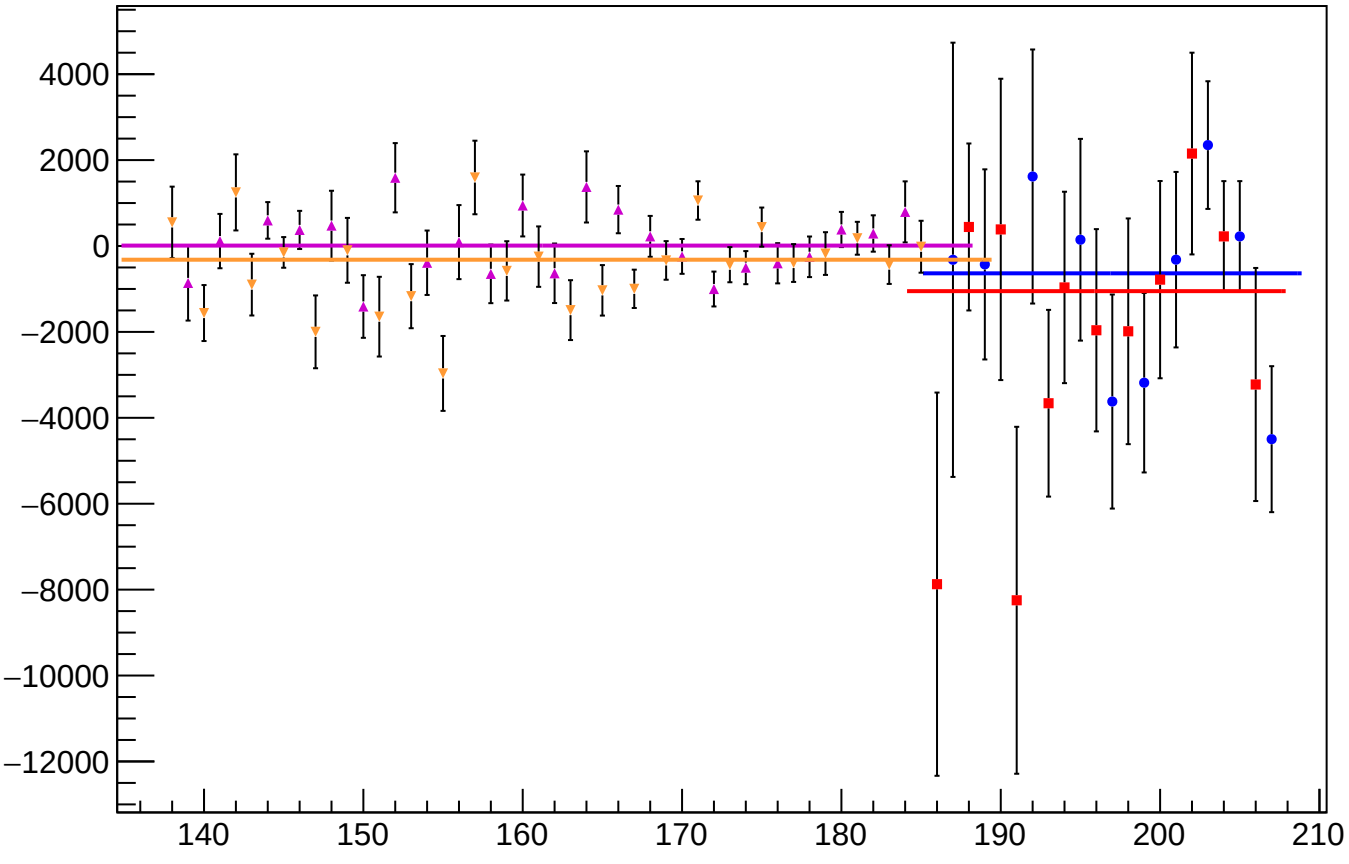
Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

+ sign 118.728+/-0.018 χ^2/NDF: 4211338.9/34

All: 120.934+/-0.013 χ^2/NDF: 9356802.9/69

- sign 123.325+/-0.018 χ^2/NDF: 5113026.1/34

asym_sam_26_avg_correction_mean vs Slug



Right In: -636.271+/-623.557 χ^2/NDF: 13.3/9

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: -1051.085+/-658.414 χ^2/NDF: 11.5/11

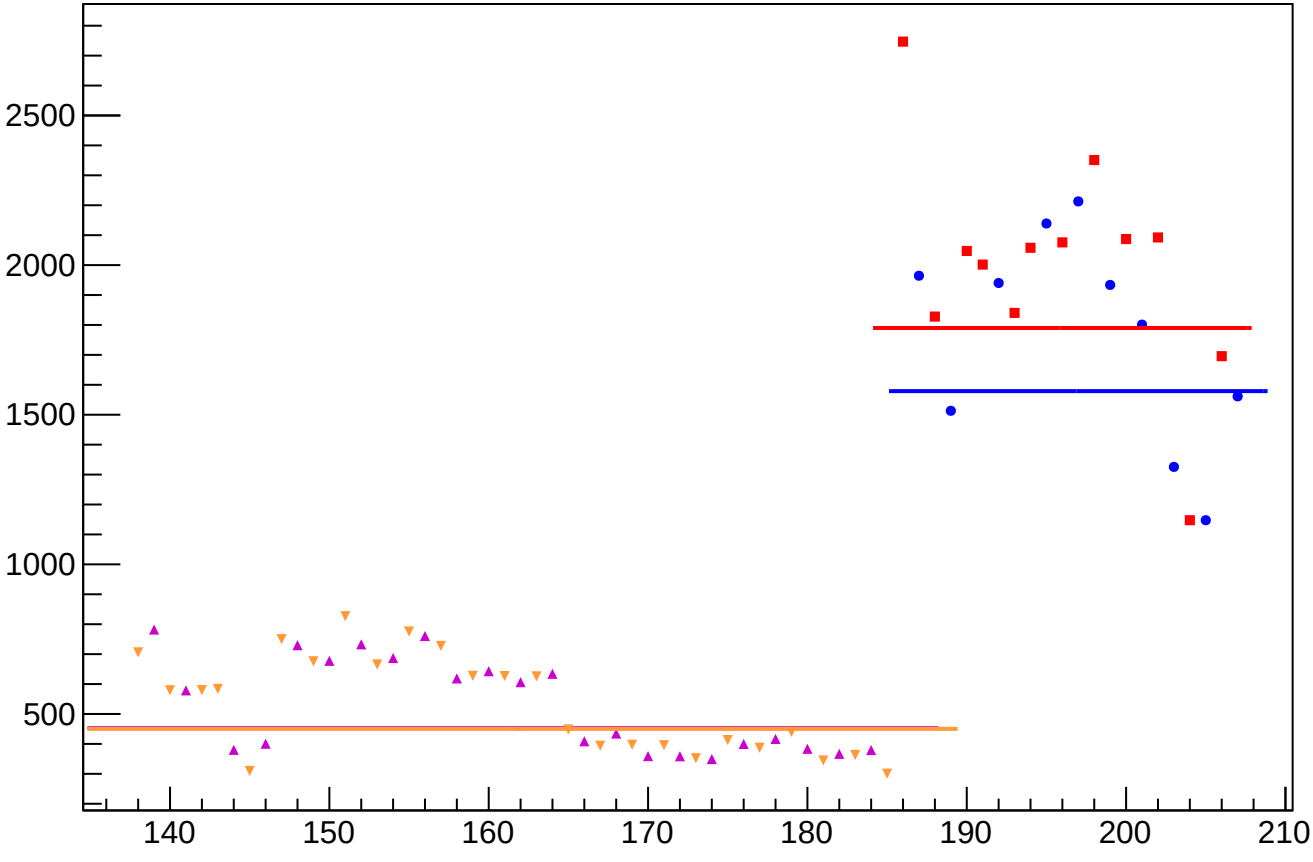
Left In: 9.462+/-112.340 χ^2/NDF:32.5/22

+ sign -329.006+/-108.619 χ^2/NDF: 65.1/34

All: -177.755+/-77.544 χ^2/NDF: 115.5/69

- sign -20.539+/-110.740 χ^2/NDF: 46.5/34

asym_sam_26_avg_correction_rms vs Slug



Right In: 1578.865+/-0.441 χ^2/NDF: 650997.2/9

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1789.905+/-0.466 χ^2/NDF: 827470.4/11

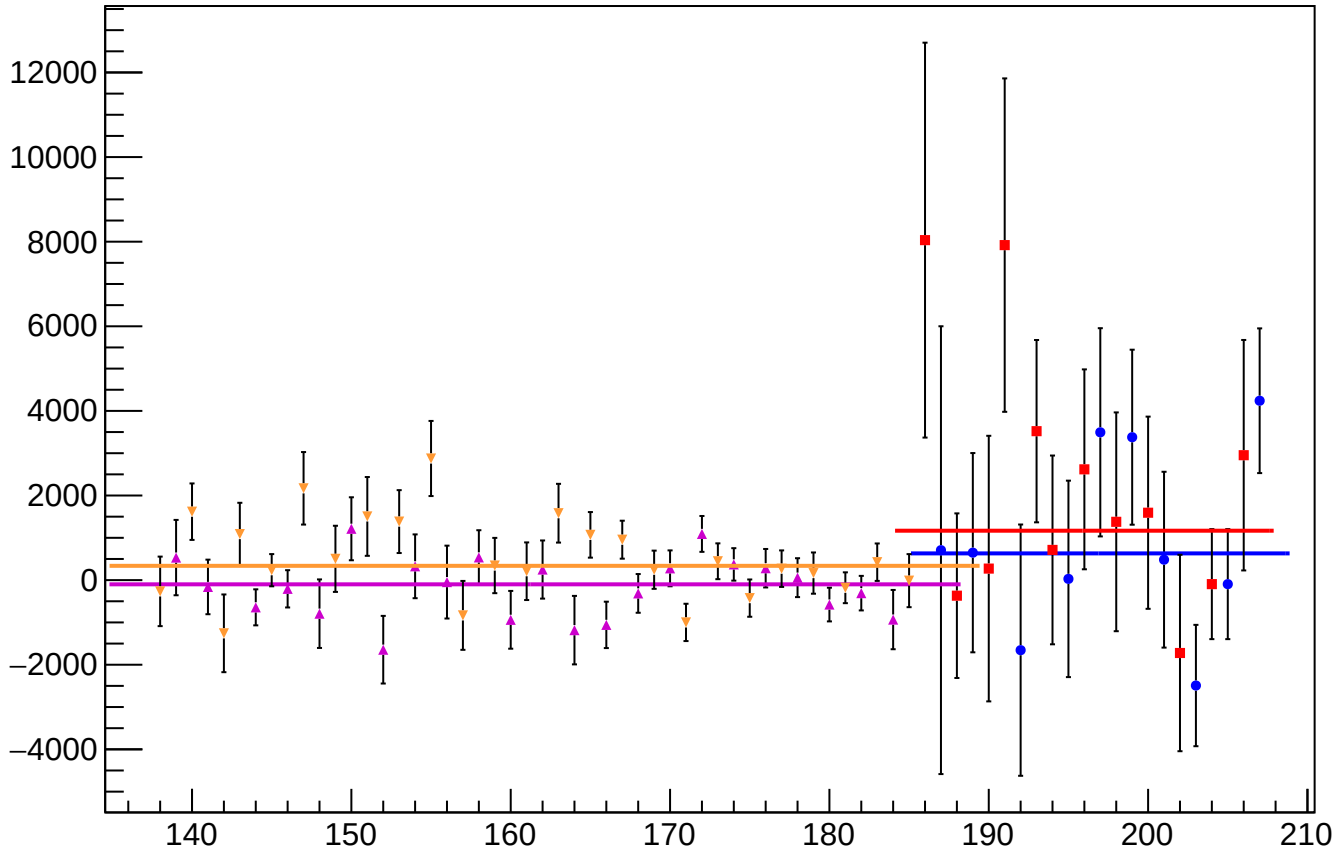
Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

+ sign 484.605+/-0.077 χ^2/NDF: 10099273.3/34

All: 487.506+/-0.055 χ^2/NDF: 21531899.4/69

- sign 490.522+/-0.078 χ^2/NDF: 11429716.4/34

asym_sam_26_avg_mean vs Slug



Right In: 631.844+/-624.445 χ^2/NDF: 13.3/9

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: 1168.054+/-655.637 χ^2/NDF: 10.4/11

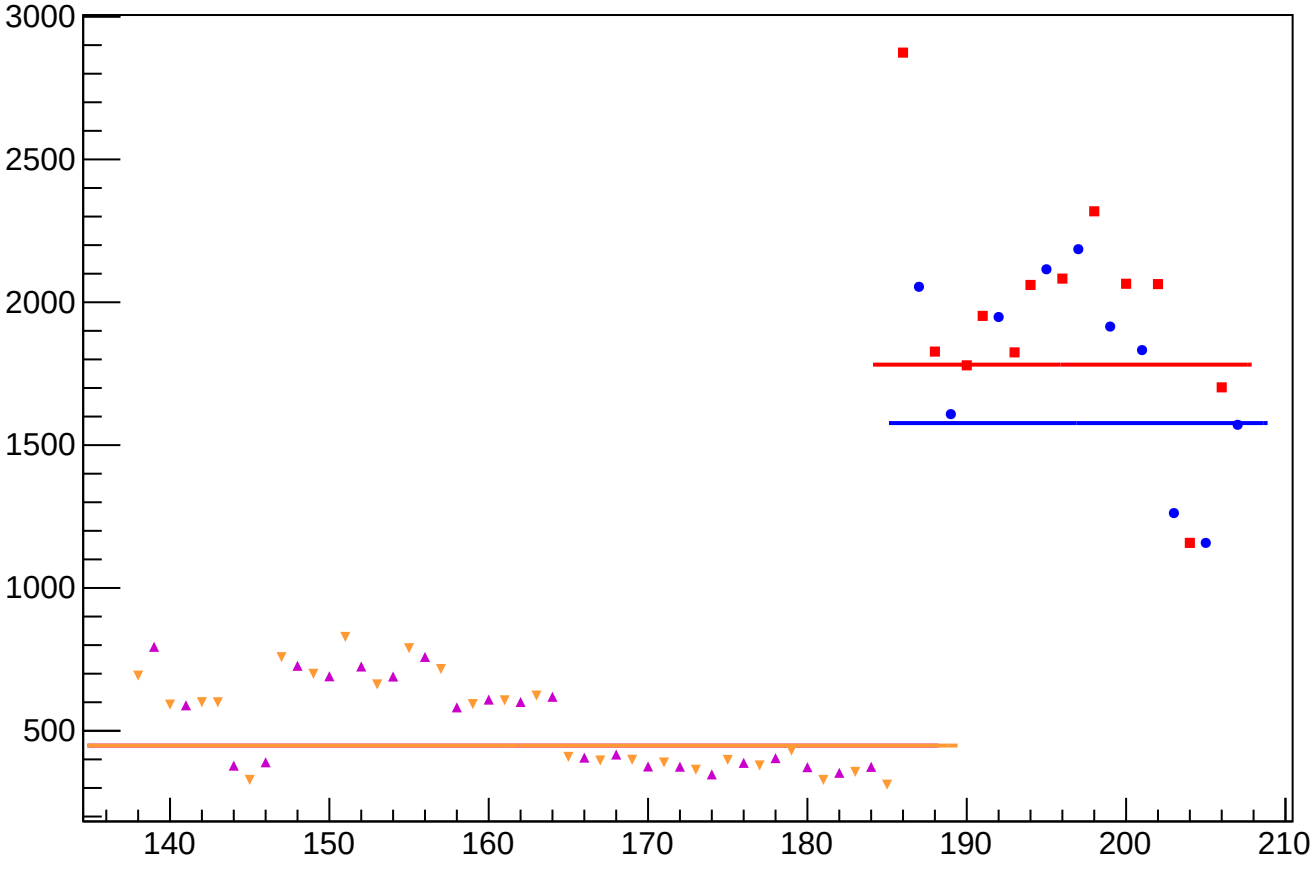
Left In: -99.475+/-111.475 χ^2/NDF:32.1/22

+ sign 346.767+/-108.170 χ^2/NDF: 62.1/34

All: 144.705+/-77.091 χ^2/NDF: 115.2/69

- sign -63.862+/-109.898 χ^2/NDF: 46.1/34

asym_sam_26_avg_rms vs Slug



Right In: 1577.175+/-0.442 χ^2/NDF: 665738.9/9

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1781.673+/-0.464 χ^2/NDF: 787668.1/11

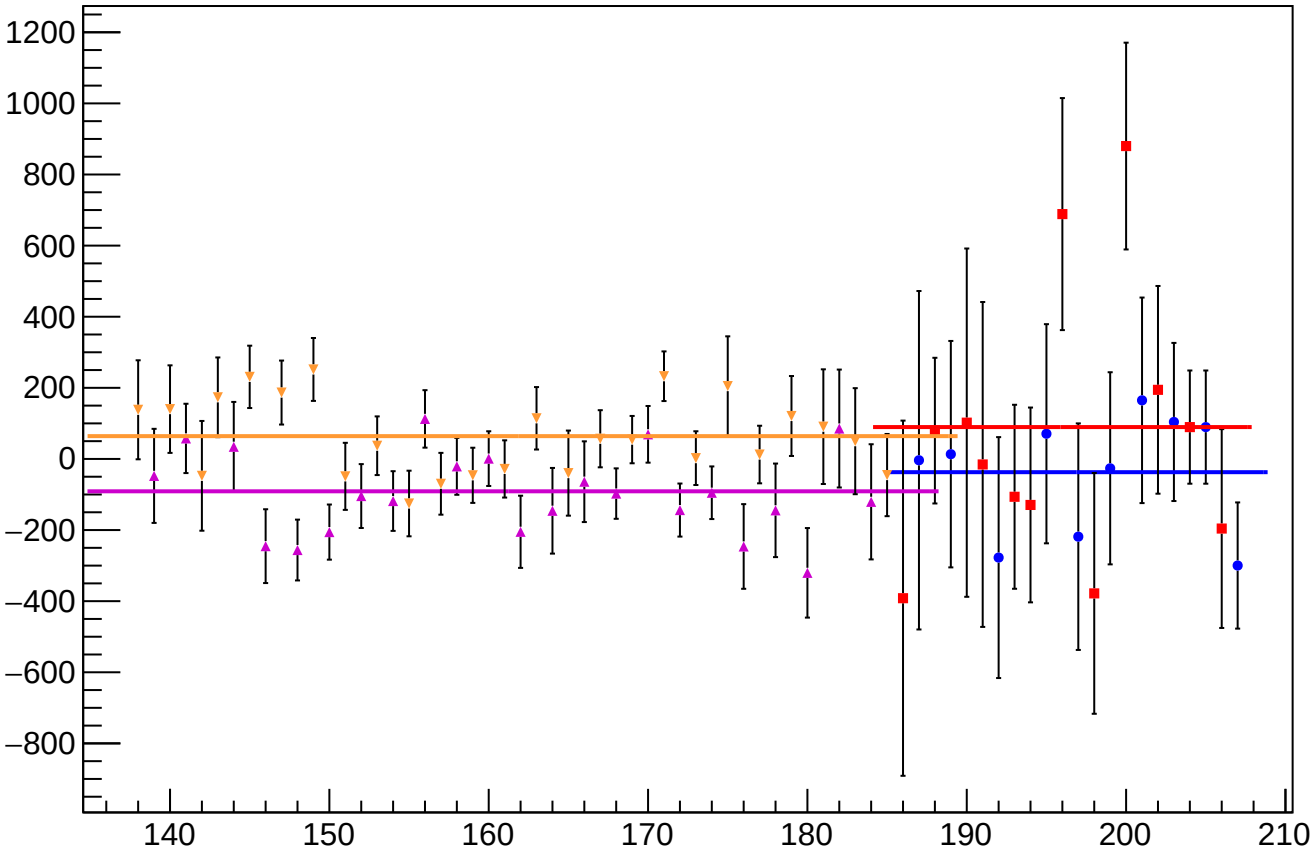
Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

+ sign 482.268+/-0.076 χ^2/NDF: 10082027.5/34

All: 483.958+/-0.055 χ^2/NDF: 21474388.8/69

- sign 485.703+/-0.078 χ^2/NDF: 11391369.0/34

dit_asym_sam_37_avg_mean vs Slug



Right In: -37.237+/-78.940 χ^2/NDF: 4.7/9

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 89.640+/-79.313 χ^2/NDF: 16.0/11

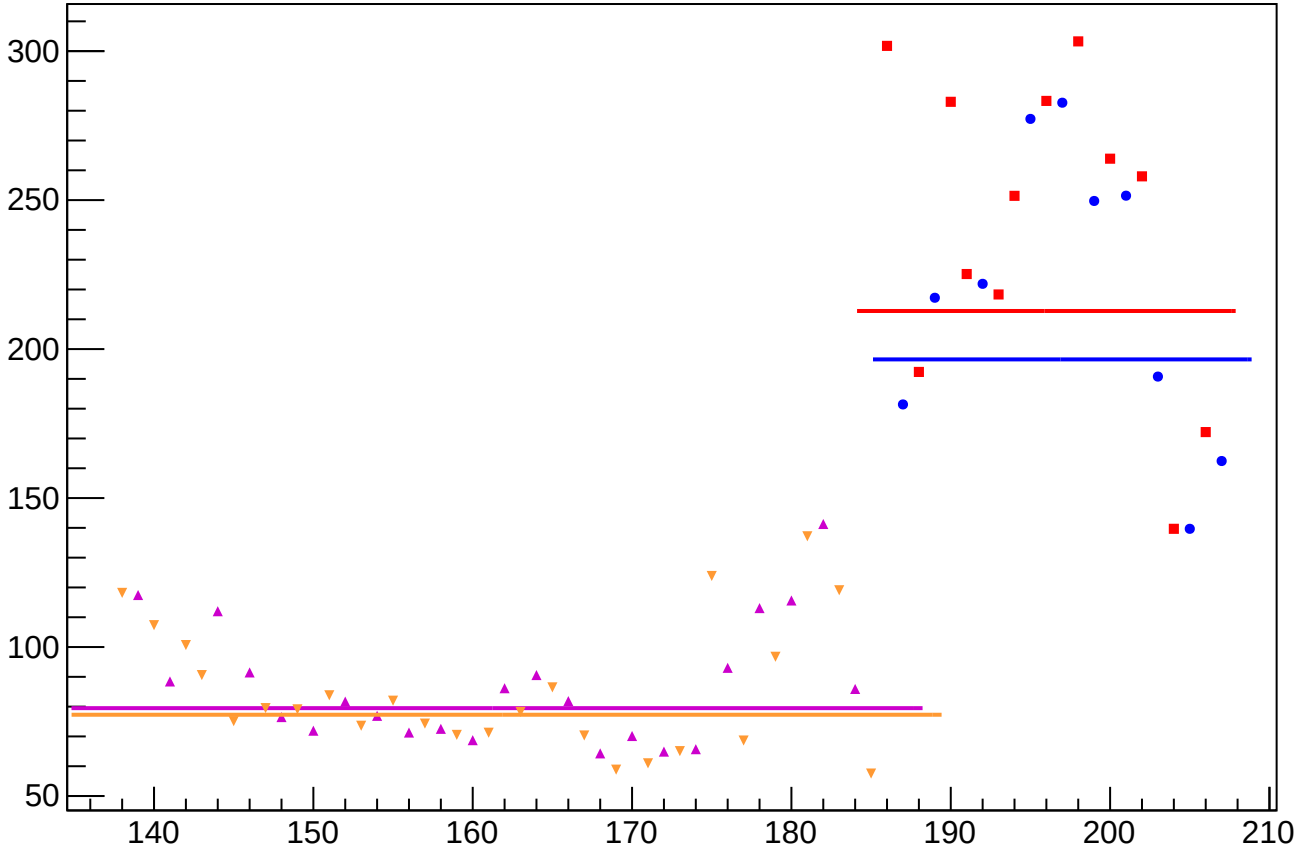
Left In: -91.028+/-19.637 χ^2/NDF:32.6/22

+ sign 58.740+/-18.222 χ^2/NDF: 40.0/34

All: -7.789+/-13.172 χ^2/NDF: 121.5/69

- sign -80.593+/-19.062 χ^2/NDF: 53.6/34

dit_asym_sam_37_avg_rms vs Slug



Right In: 196.537+/-0.056 χ^2/NDF: 785199.8/9

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 212.786+/-0.056 χ^2/NDF: 976613.3/11

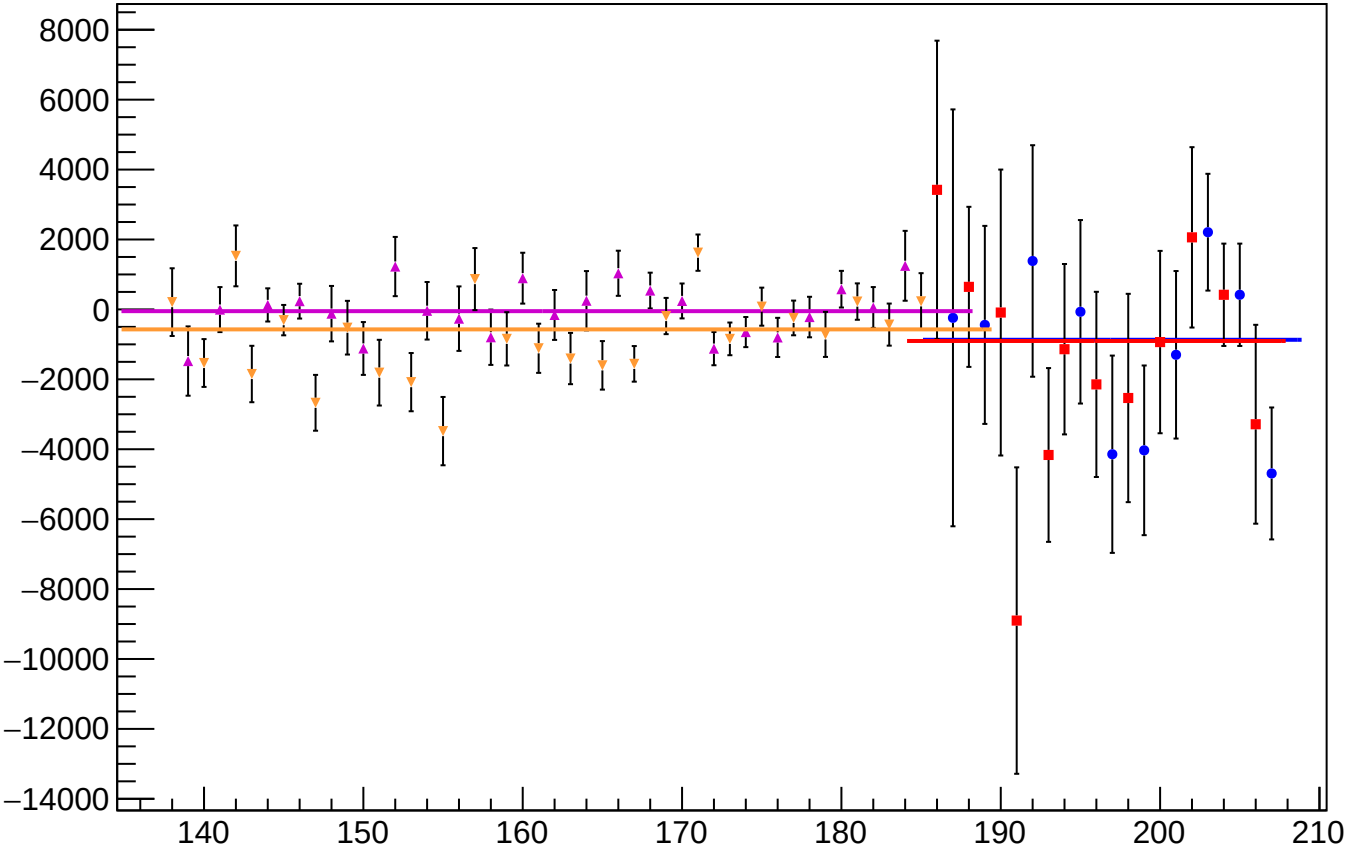
Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

+ sign 83.634+/-0.013 χ^2/NDF: 6660052.0/34

All: 85.332+/-0.009 χ^2/NDF: 14329457.8/69

- sign 87.191+/-0.013 χ^2/NDF: 7633023.3/34

asym_sam_37_avg_correction_mean vs Slug



Right In: -868.966+/-713.478 χ^2/NDF: 11.9/9

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: -903.148+/-739.157 χ^2/NDF: 9.9/11

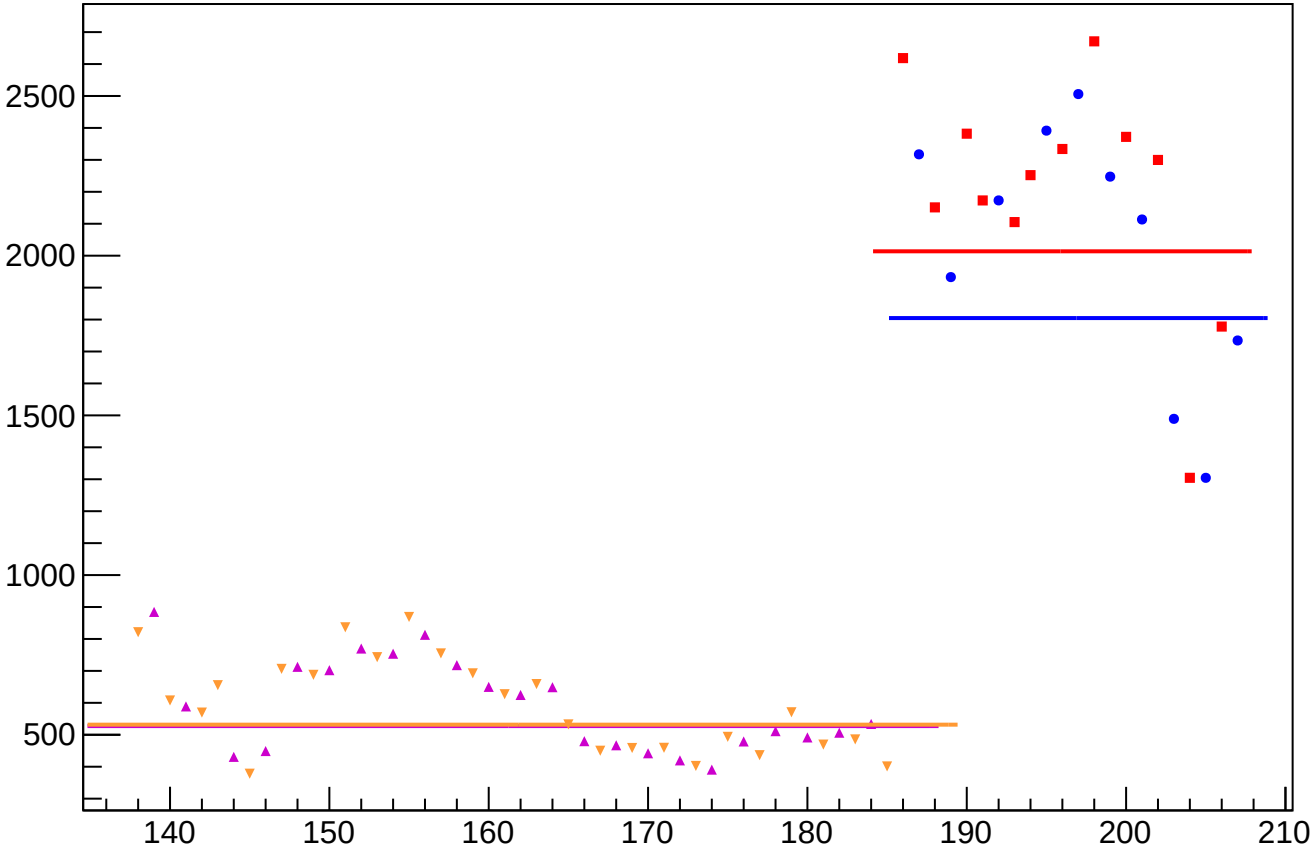
Left In: -50.077+/-129.187 χ^2/NDF:26.1/22

+ sign -580.961+/-126.139 χ^2/NDF: 78.9/34

All: -330.394+/-89.587 χ^2/NDF: 124.2/69

- sign -75.362+/-127.258 χ^2/NDF: 37.4/34

asym_sam_37_avg_correction_rms vs Slug



Right In: 1804.685+/-0.505 χ^2/NDF: 674518.6/9

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2013.686+/-0.523 χ^2/NDF: 760178.4/11

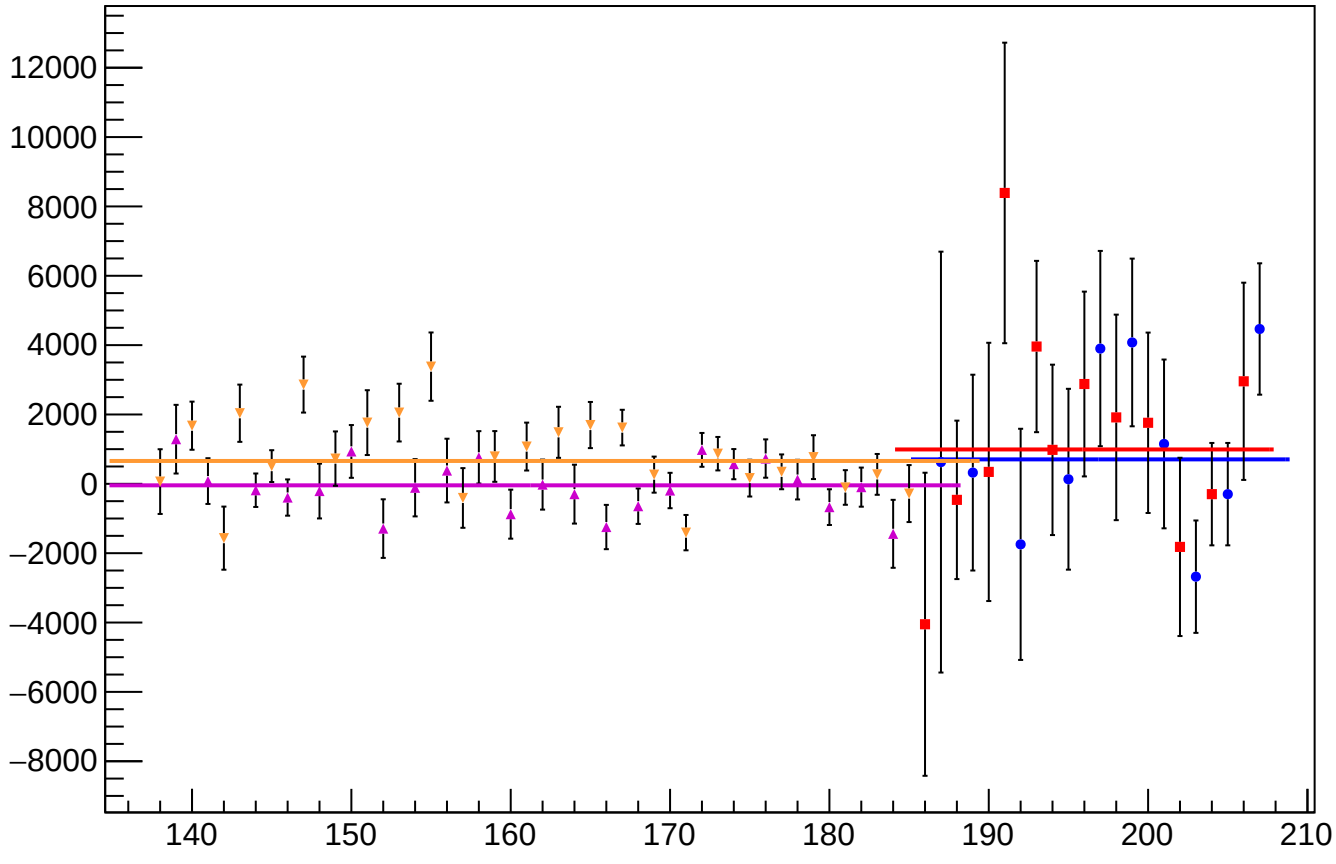
Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

+ sign 571.433+/-0.089 χ^2/NDF: 8881092.4/34

All: 571.340+/-0.063 χ^2/NDF: 19303764.6/69

- sign 571.244+/-0.090 χ^2/NDF: 10422670.0/34

asym_sam_37_avg_mean vs Slug



Right In: 705.137+/-711.774 χ^2/NDF: 12.6/9

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: 991.595+/-738.208 χ^2/NDF: 9.2/11

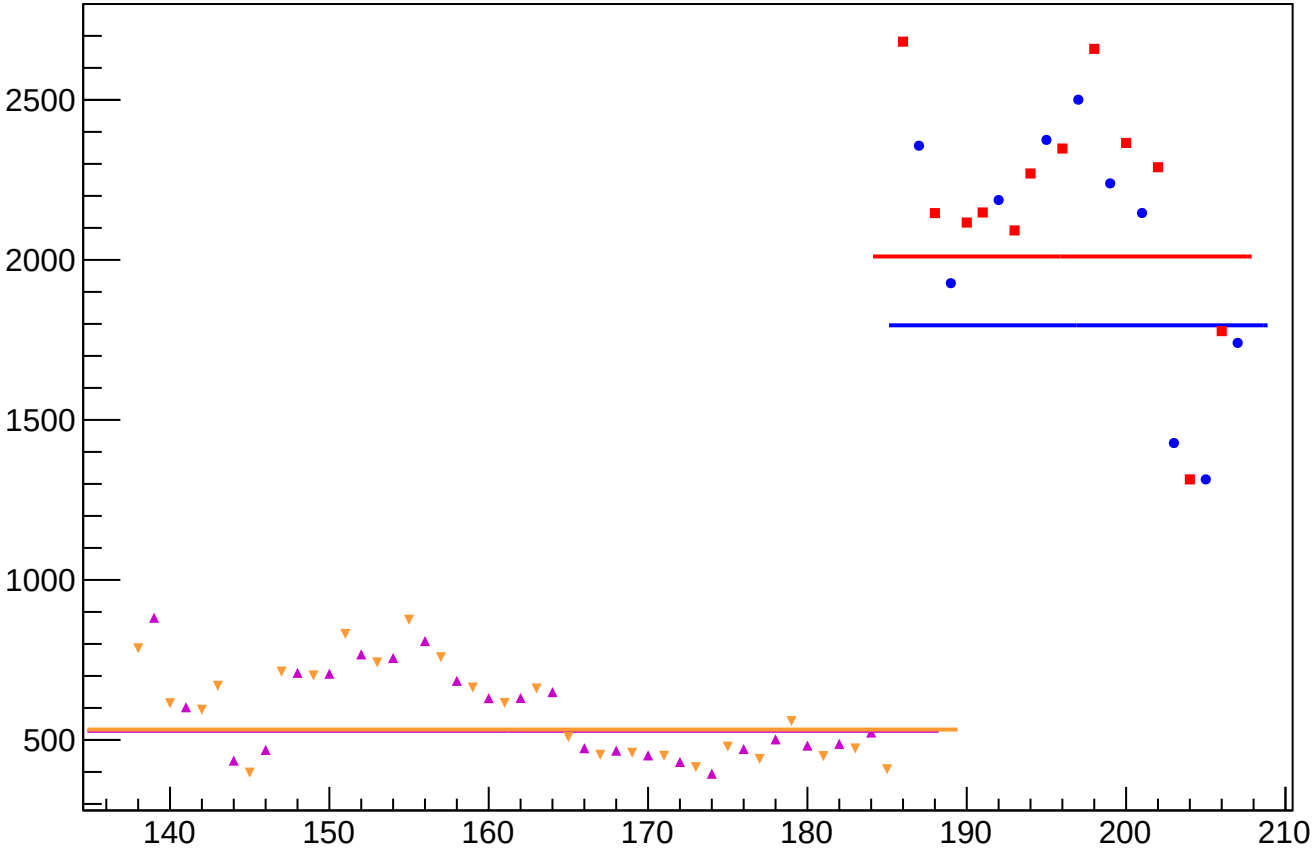
Left In: -43.183+/-129.538 χ^2/NDF:26.0/22

+ sign 660.955+/-126.136 χ^2/NDF: 75.1/34

All: 328.196+/-89.701 χ^2/NDF: 126.3/69

- sign -12.272+/-127.588 χ^2/NDF: 37.2/34

asym_sam_37_avg_rms vs Slug



Right In: 1795.590+/-0.503 χ^2/NDF: 699309.9/9

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2010.686+/-0.522 χ^2/NDF: 729439.1/11

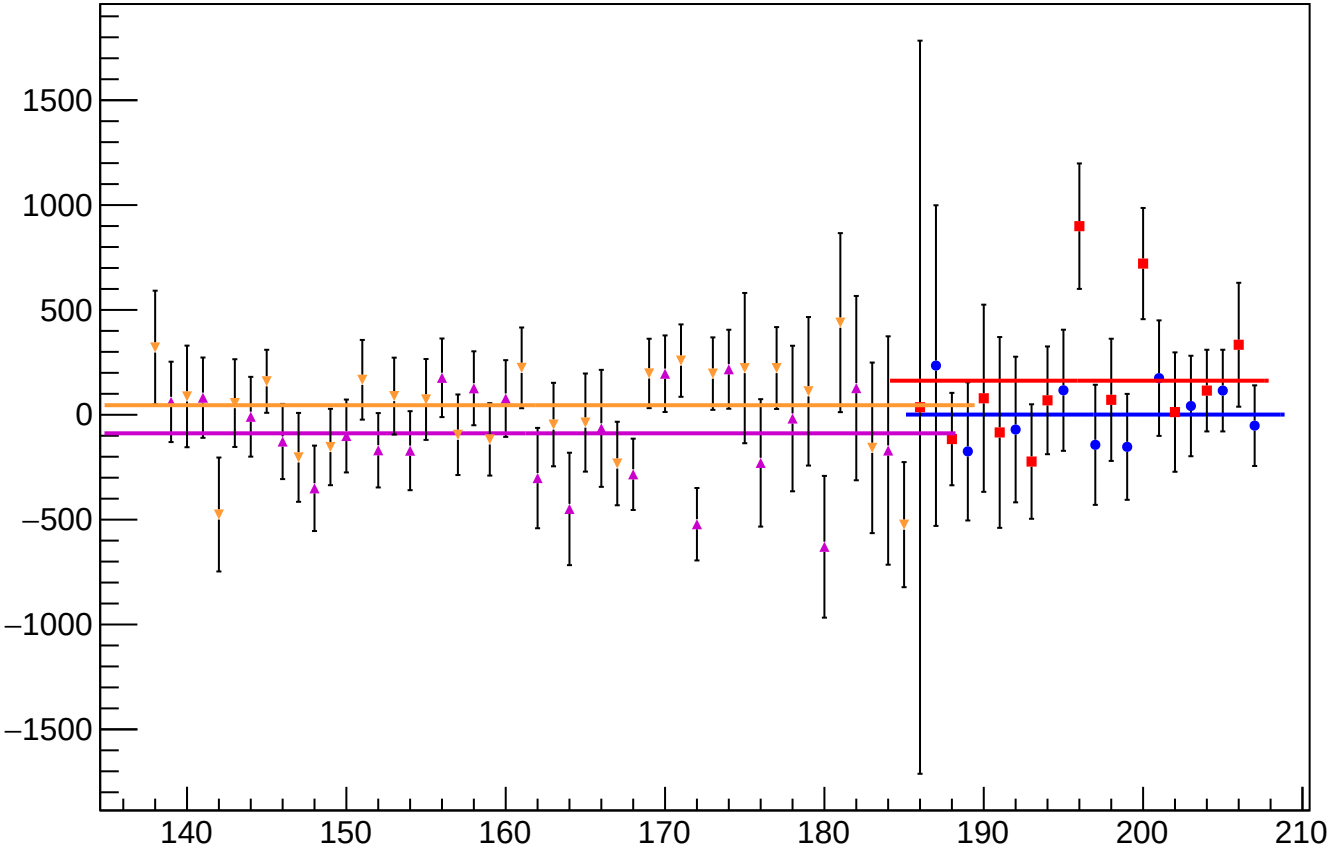
Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

+ sign 572.063+/-0.089 χ^2/NDF: 8743798.1/34

All: 572.398+/-0.063 χ^2/NDF: 19007491.7/69

- sign 572.741+/-0.090 χ^2/NDF: 10263665.0/34

dit_asym_sam_48_avg_mean vs Slug



Right In: 0.987+/-83.584 χ^2/NDF: 2.1/9

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: 162.537+/-82.559 χ^2/NDF: 15.3/11

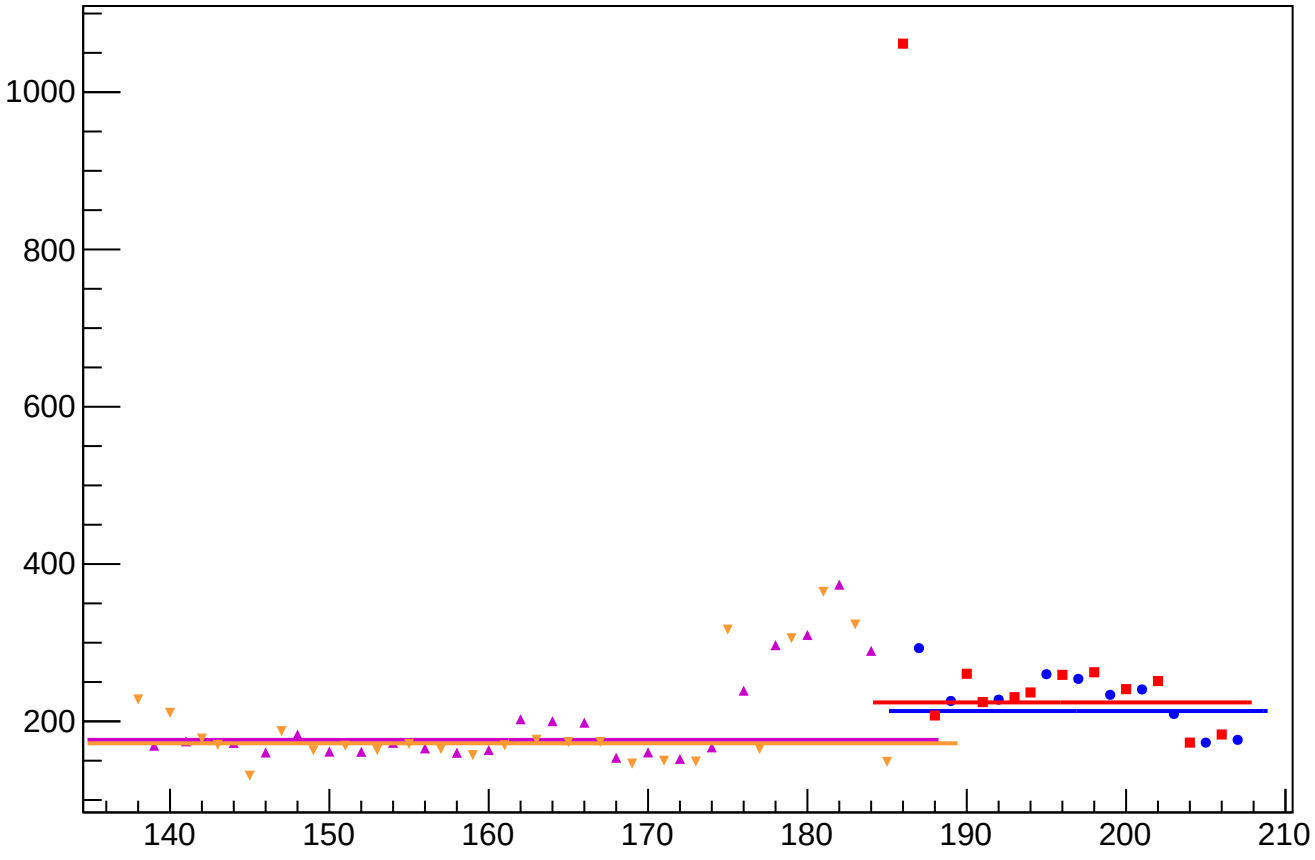
Left In: -88.356+/-43.518 χ^2/NDF:26.4/22

+ sign 36.742+/-37.370 χ^2/NDF: 24.2/34

All: 2.517+/-26.814 χ^2/NDF: 74.9/69

- sign -33.802+/-38.497 χ^2/NDF: 48.9/34

dit_asym_sam_48_avg_rms vs Slug



Right In: 213.143+/-0.059 χ^2/NDF: 313279.3/9

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 224.086+/-0.058 χ^2/NDF: 754442.4/11

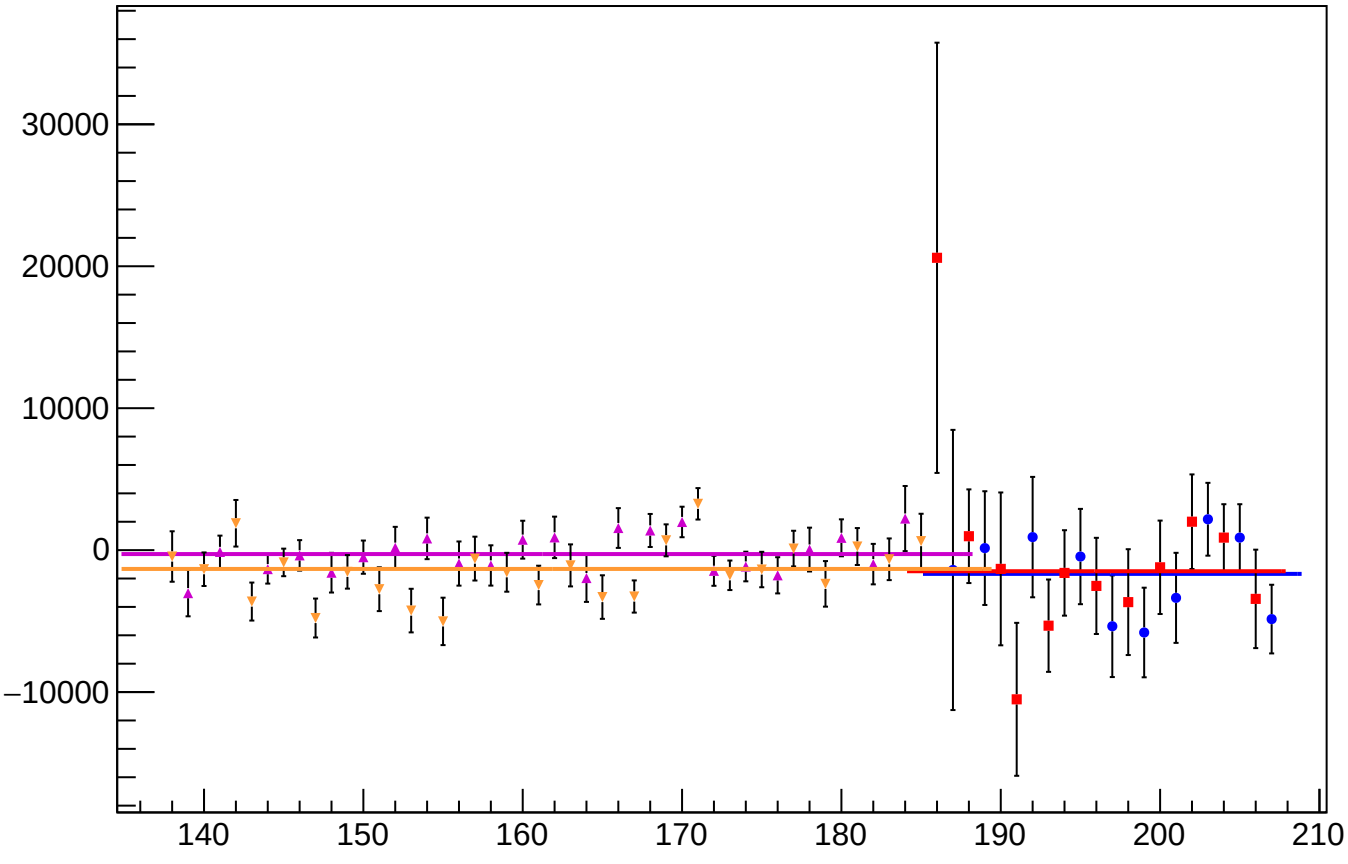
Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

+ sign 180.302+/-0.026 χ^2/NDF: 2451681.1/34

All: 183.449+/-0.019 χ^2/NDF: 5117566.2/69

- sign 186.788+/-0.027 χ^2/NDF: 2636655.7/34

asym_sam_48_avg_correction_mean vs Slug



Right In: -1672.519+/-1000.948 χ^2/NDF: 8.9/9

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: -1485.825+/-1012.601 χ^2/NDF: 9.7/11

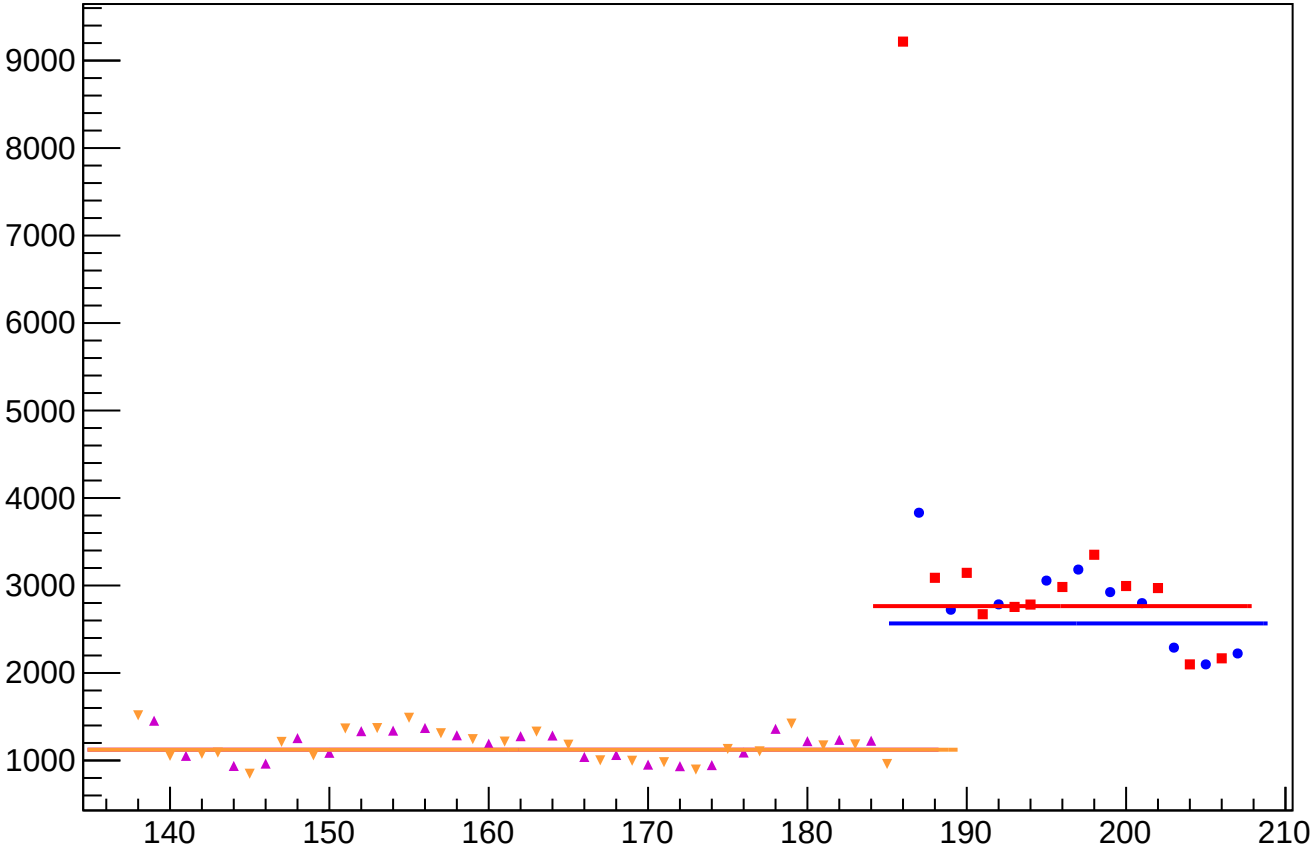
Left In: -276.678+/-270.547 χ^2/NDF:22.0/22

+ sign -1347.324+/-257.032 χ^2/NDF: 62.7/34

All: -860.583+/-183.266 χ^2/NDF: 103.1/69

- sign -357.242+/-261.378 χ^2/NDF: 33.1/34

asym_sam_48_avg_correction_rms vs Slug



Right In: 2566.411+/-0.708 χ^2/NDF: 321929.6/9

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 2764.329+/-0.716 χ^2/NDF: 687113.6/11

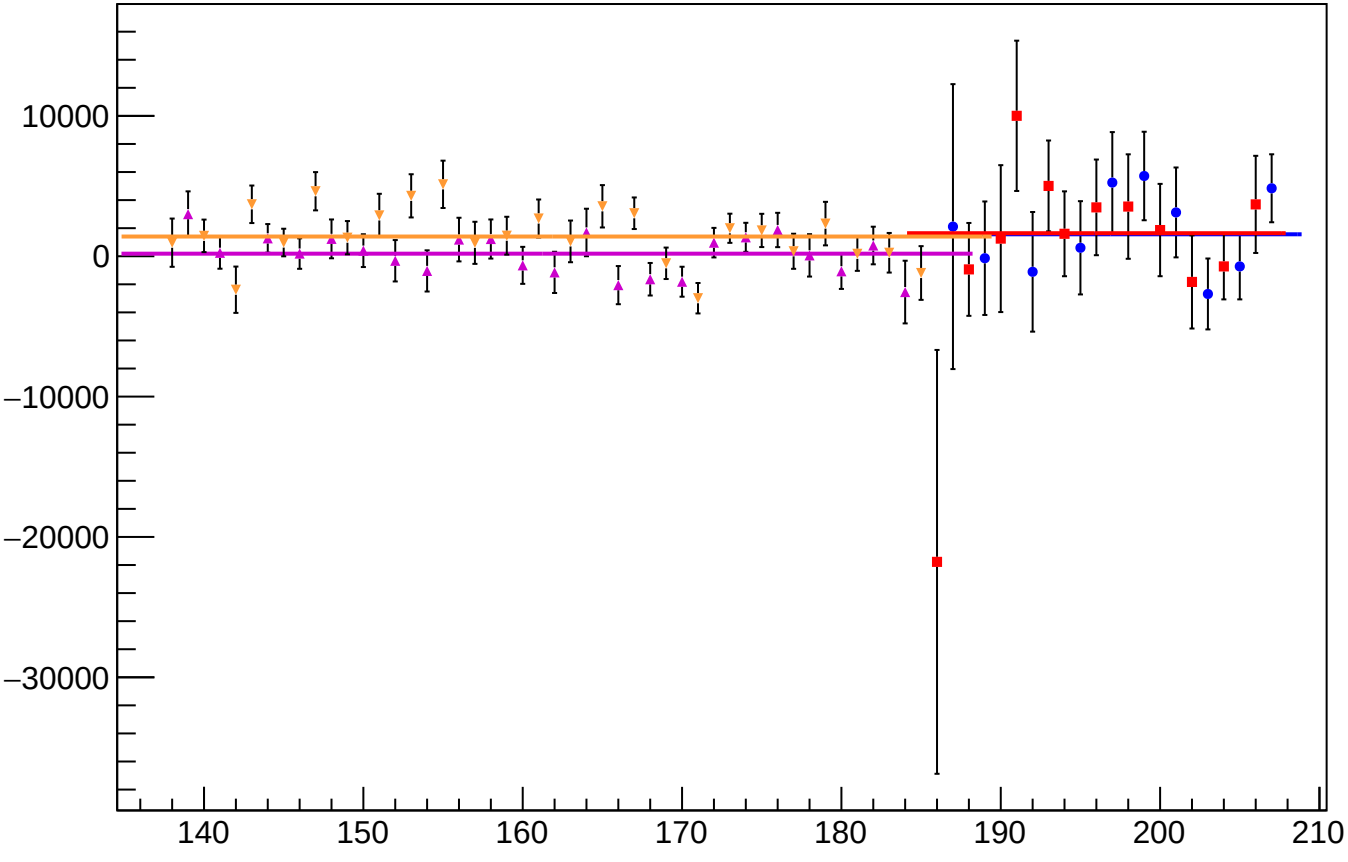
Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

+ sign 1218.199+/-0.182 χ^2/NDF: 5048938.1/34

All: 1225.229+/-0.130 χ^2/NDF: 11332539.1/6

- sign 1232.498+/-0.185 χ^2/NDF: 6280558.3/34

asym_sam_48_avg_mean vs Slug



Right In: 1564.360+/-999.883 χ^2/NDF: 9.3/9

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: 1641.717+/-1011.208 χ^2/NDF: 9.6/11

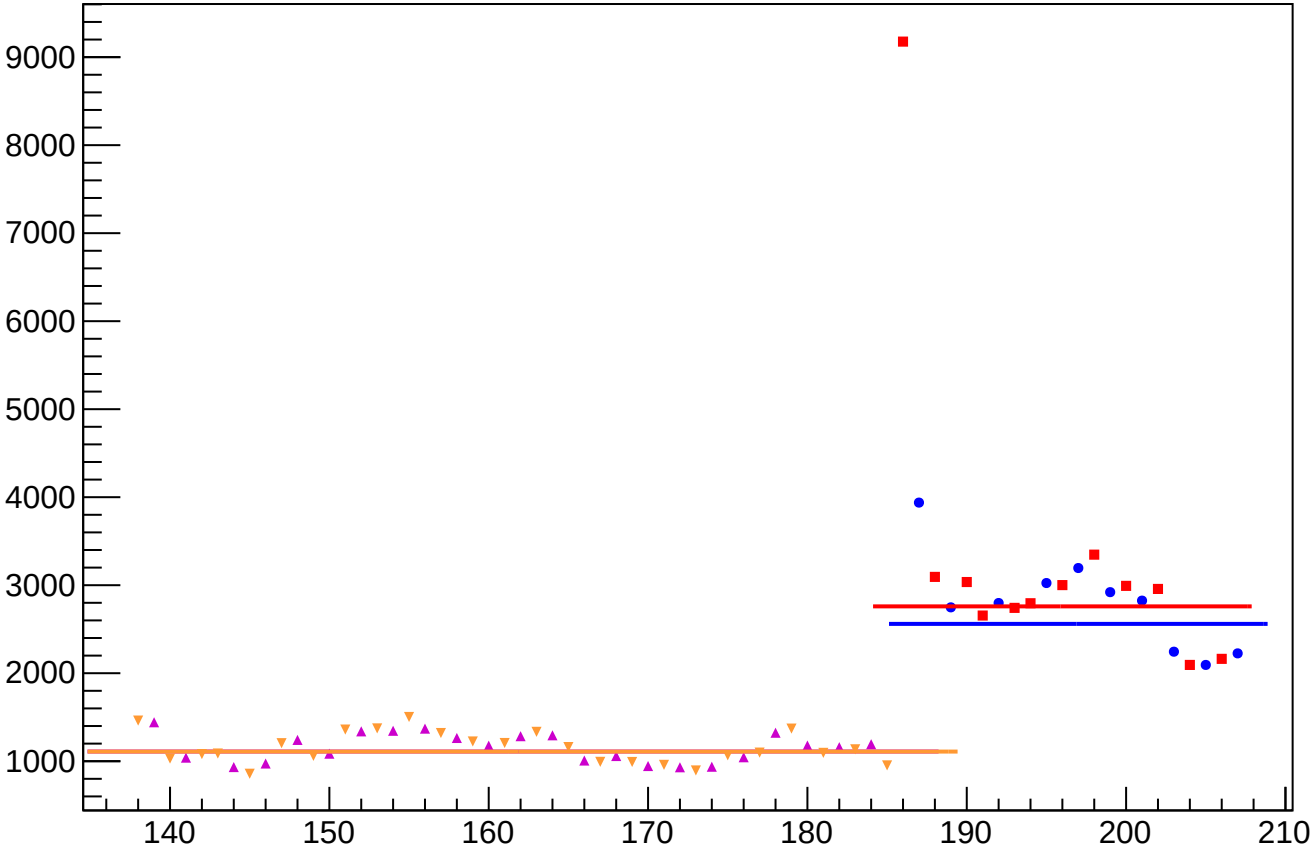
Left In: 183.249+/-267.620 χ^2/NDF:23.7/22

+ sign 1415.055+/-253.912 χ^2/NDF: 62.4/34

All: 857.528+/-181.216 χ^2/NDF: 107.5/69

- sign 278.716+/-258.713 χ^2/NDF: 35.2/34

asym_sam_48_avg_rms vs Slug



Right In: 2560.434+/-0.707 χ^2/NDF: 336803.9/9

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 2759.429+/-0.715 χ^2/NDF: 685183.6/11

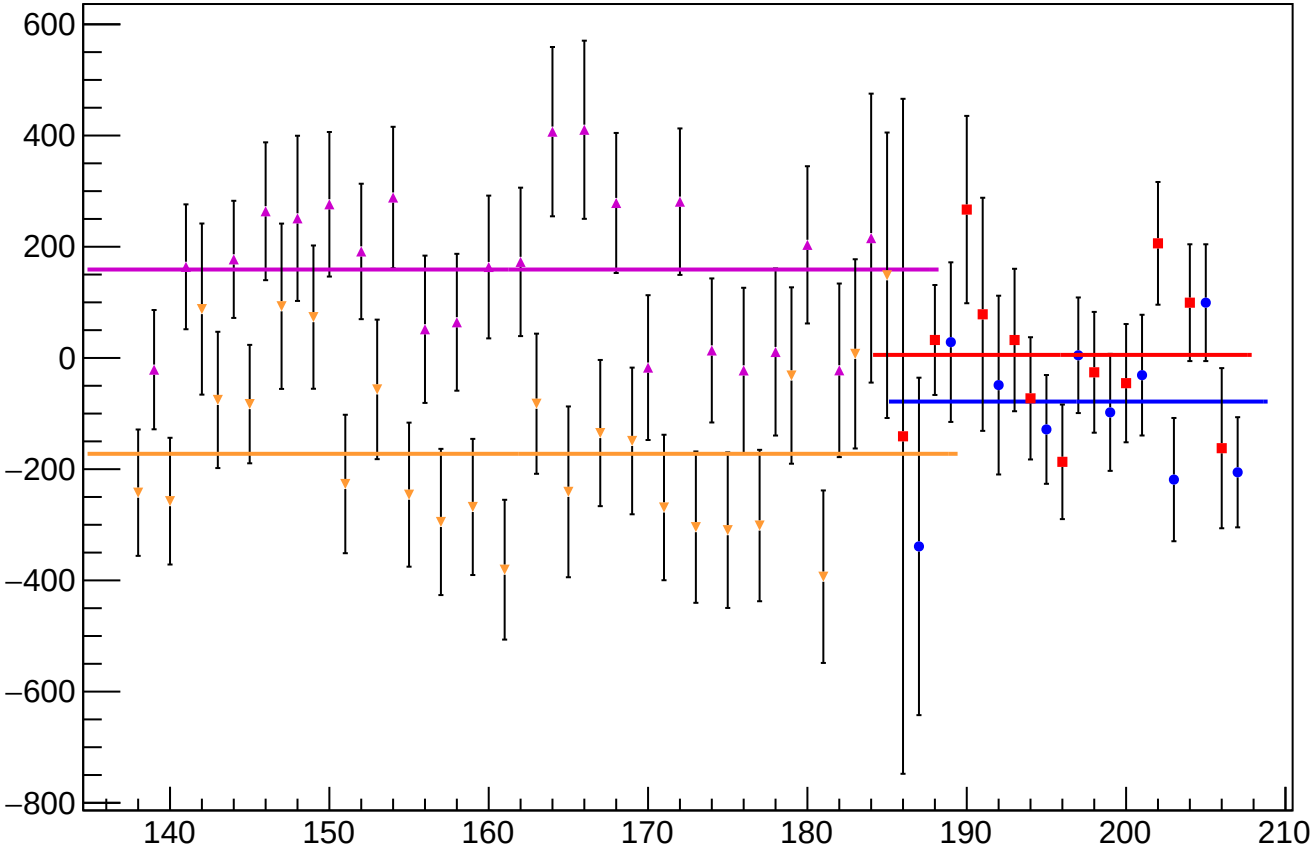
Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

+ sign 1203.135+/-0.180 χ^2/NDF: 5089182.9/34

All: 1210.486+/-0.128 χ^2/NDF: 11423001.1/6

- sign 1218.118+/-0.183 χ^2/NDF: 6330401.3/34

dit_asym_sam_15_dd_mean vs Slug



Right In: -78.416+/-36.654 χ^2/NDF: 8.6/9

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: 5.520+/-35.463 χ^2/NDF: 12.5/11

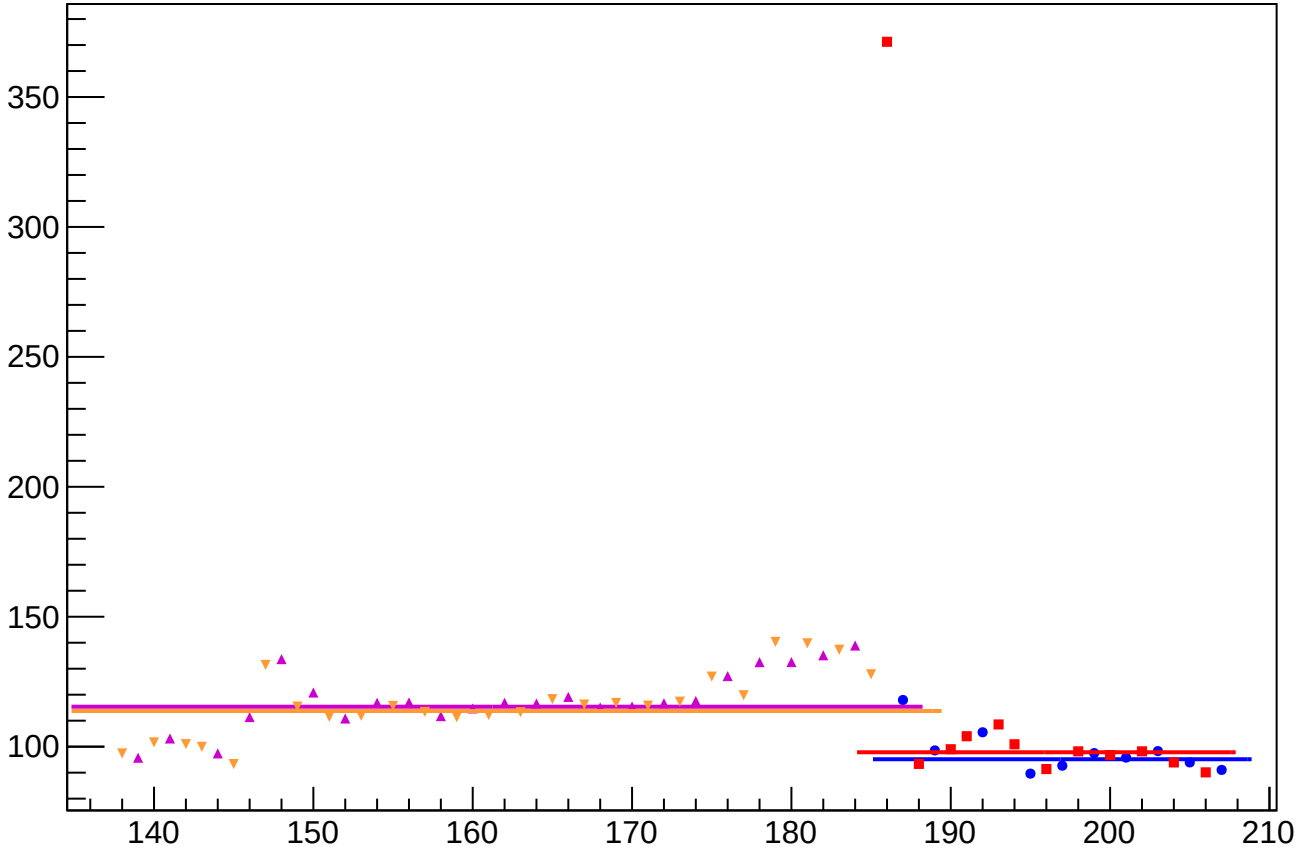
Left In: 159.044+/-27.608 χ^2/NDF:21.1/22

+ sign -139.776+/-21.586 χ^2/NDF: 40.1/34

All: -20.436+/-15.333 χ^2/NDF: 147.0/69

- sign 101.109+/-21.785 χ^2/NDF: 45.2/34

dit_asym_sam_15_dd_rms vs Slug



Right In: 95.160+/-0.026 χ^2/NDF: 34658.0/9

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 97.845+/-0.025 χ^2/NDF: 443965.1/11

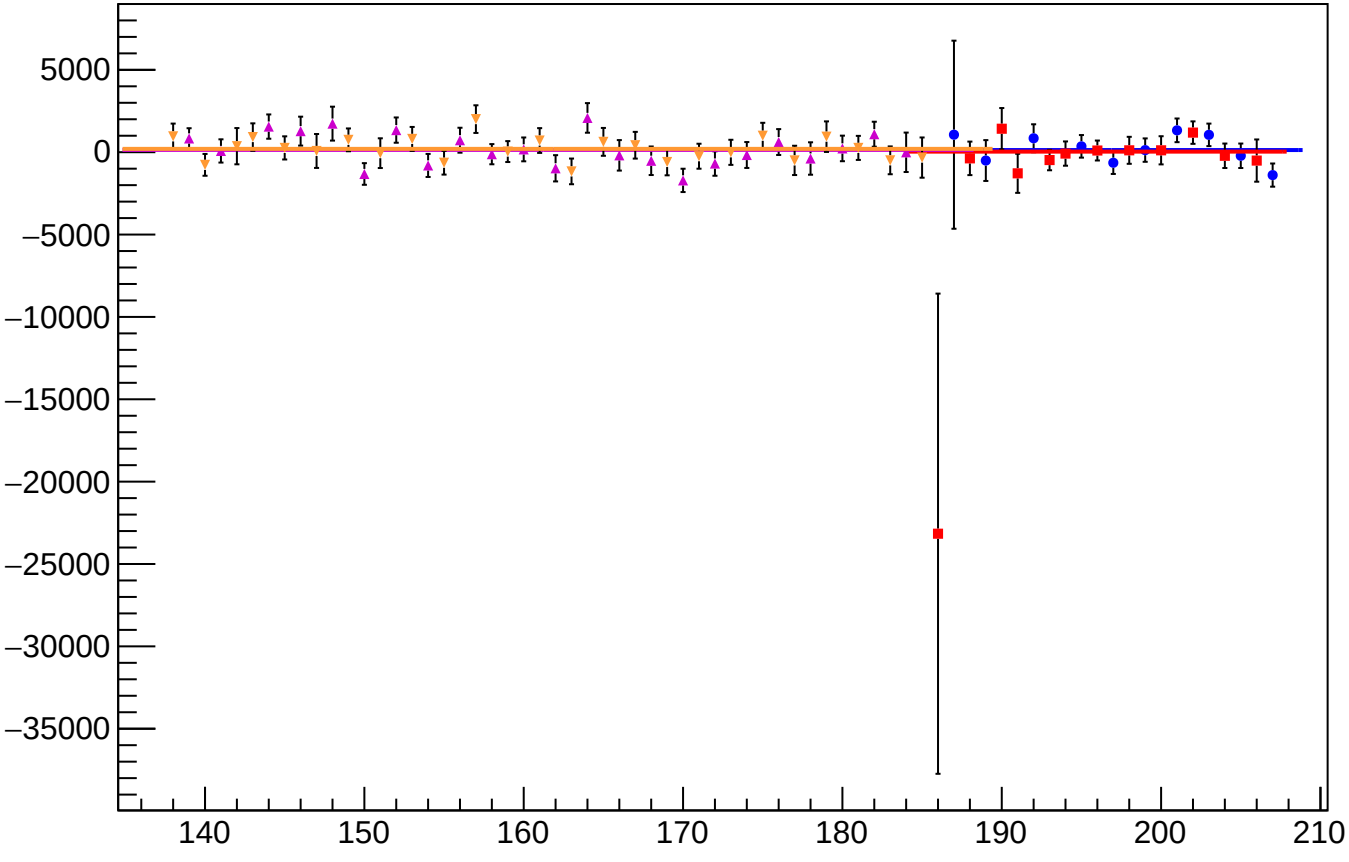
Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

+ sign 107.288+/-0.015 χ^2/NDF: 762000.0/34

All: 108.018+/-0.011 χ^2/NDF: 1823958.3/69

- sign 108.761+/-0.015 χ^2/NDF: 1057344.1/34

asym_sam_15_dd_correction_mean vs Slug



Right In: 130.705+/-247.979 χ^2/NDF: 11.9/9

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 35.149+/-243.117 χ^2/NDF: 9.1/11

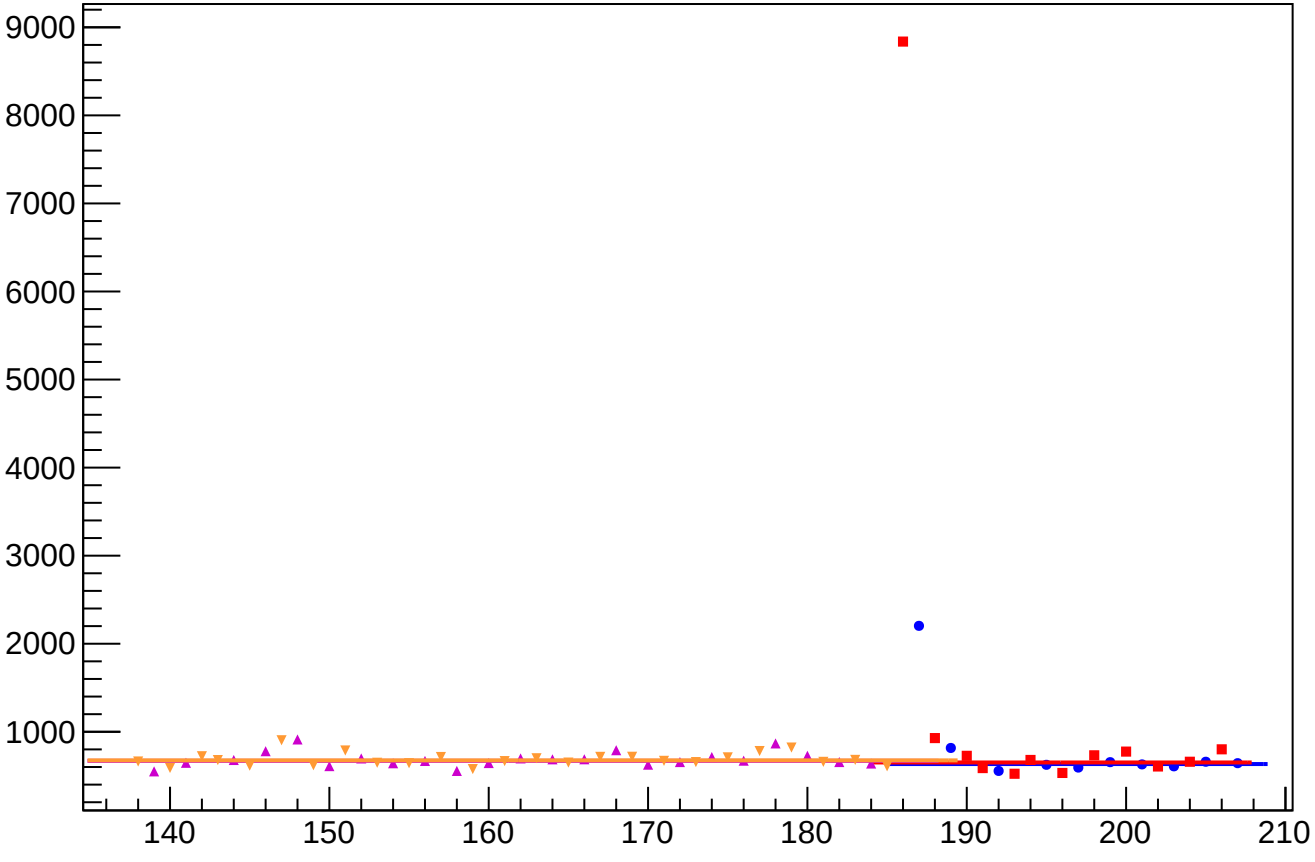
Left In: 140.039+/-161.024 χ^2/NDF:36.9/22

+ sign 181.554+/-133.867 χ^2/NDF: 31.7/34

All: 144.909+/-94.793 χ^2/NDF: 77.9/69

- sign 108.056+/-134.248 χ^2/NDF: 46.1/34

asym_sam_15_dd_correction_rms vs Slug



Right In: 633.693+/-0.175 χ^2/NDF: 226487.9/9

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 651.594+/-0.172 χ^2/NDF: 1056100.4/11

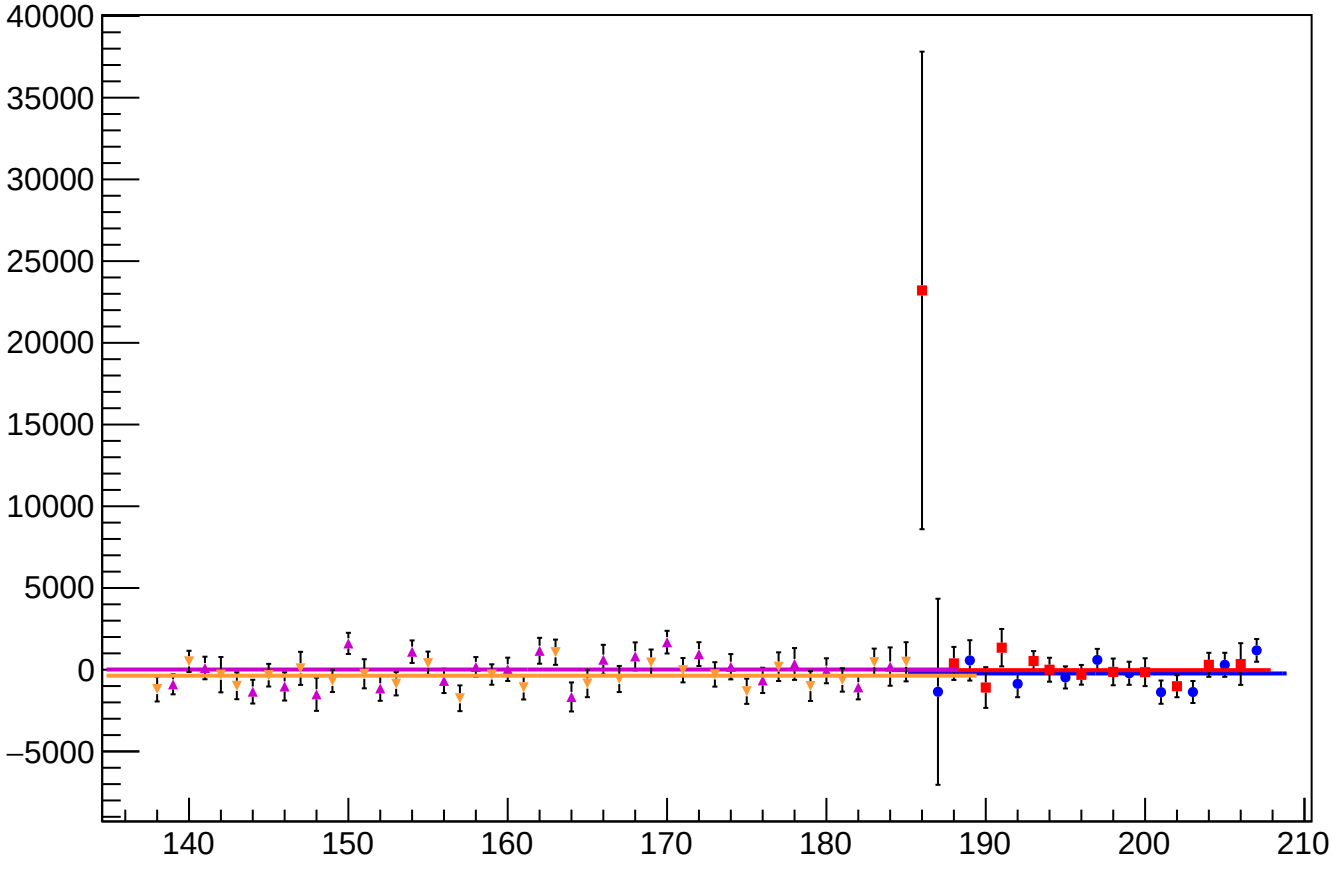
Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

+ sign 663.199+/-0.095 χ^2/NDF: 625164.3/34

All: 663.770+/-0.067 χ^2/NDF: 2153337.9/69

- sign 664.344+/-0.095 χ^2/NDF: 1528100.6/34

asym_sam_15_dd_mean vs Slug



Right In: -229.610+/-245.155 χ^2/NDF: 12.7/9

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -27.071+/-240.731 χ^2/NDF: 8.4/11

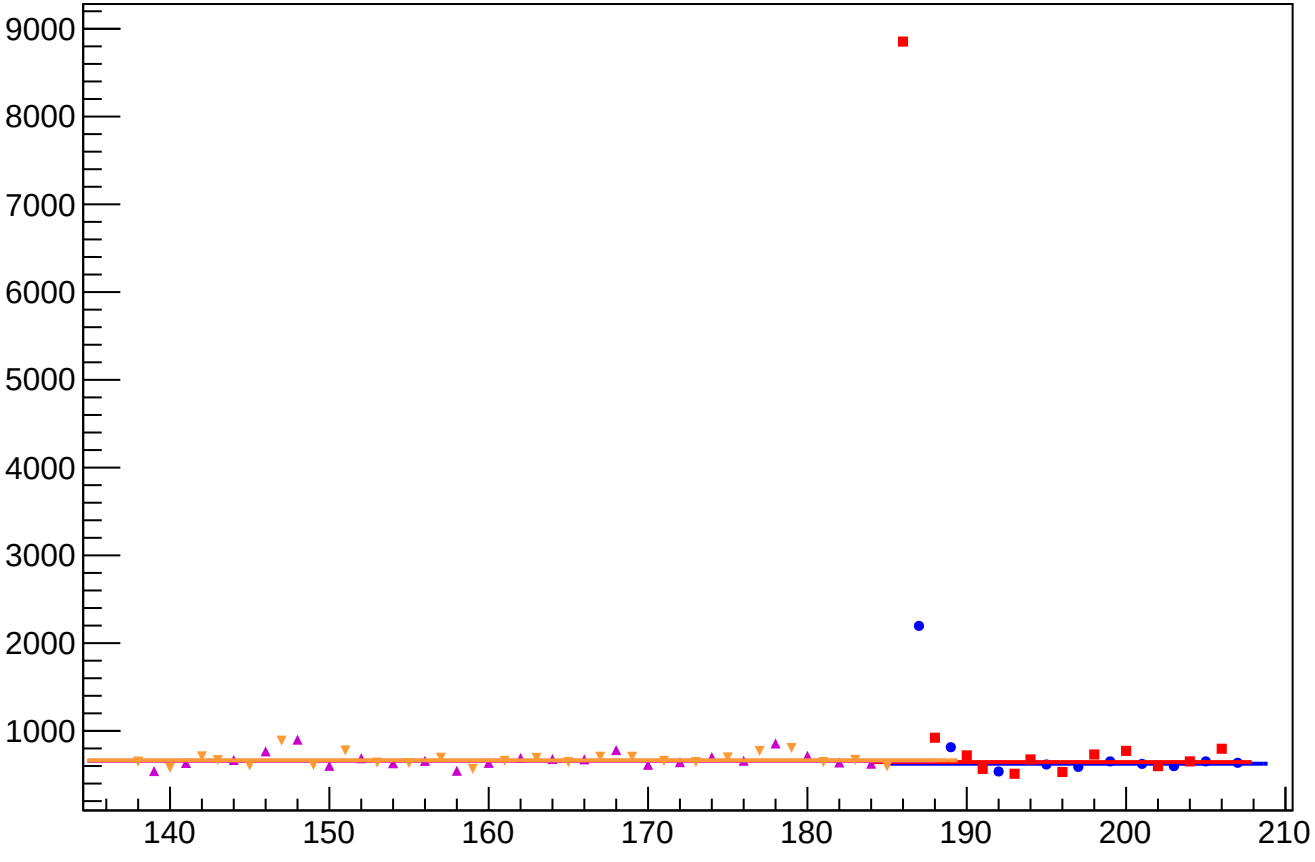
Left In: 11.243+/-158.497 χ^2/NDF:38.8/22

+ sign -326.152+/-131.794 χ^2/NDF: 31.7/34

All: -163.971+/-93.399 χ^2/NDF: 82.0/69

- sign -0.343+/-132.380 χ^2/NDF: 47.2/34

asym_sam_15_dd_rms vs Slug



Right In: 626.047+/-0.173 χ^2/NDF: 237176.1/9

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 644.624+/-0.170 χ^2/NDF: 1073782.8/11

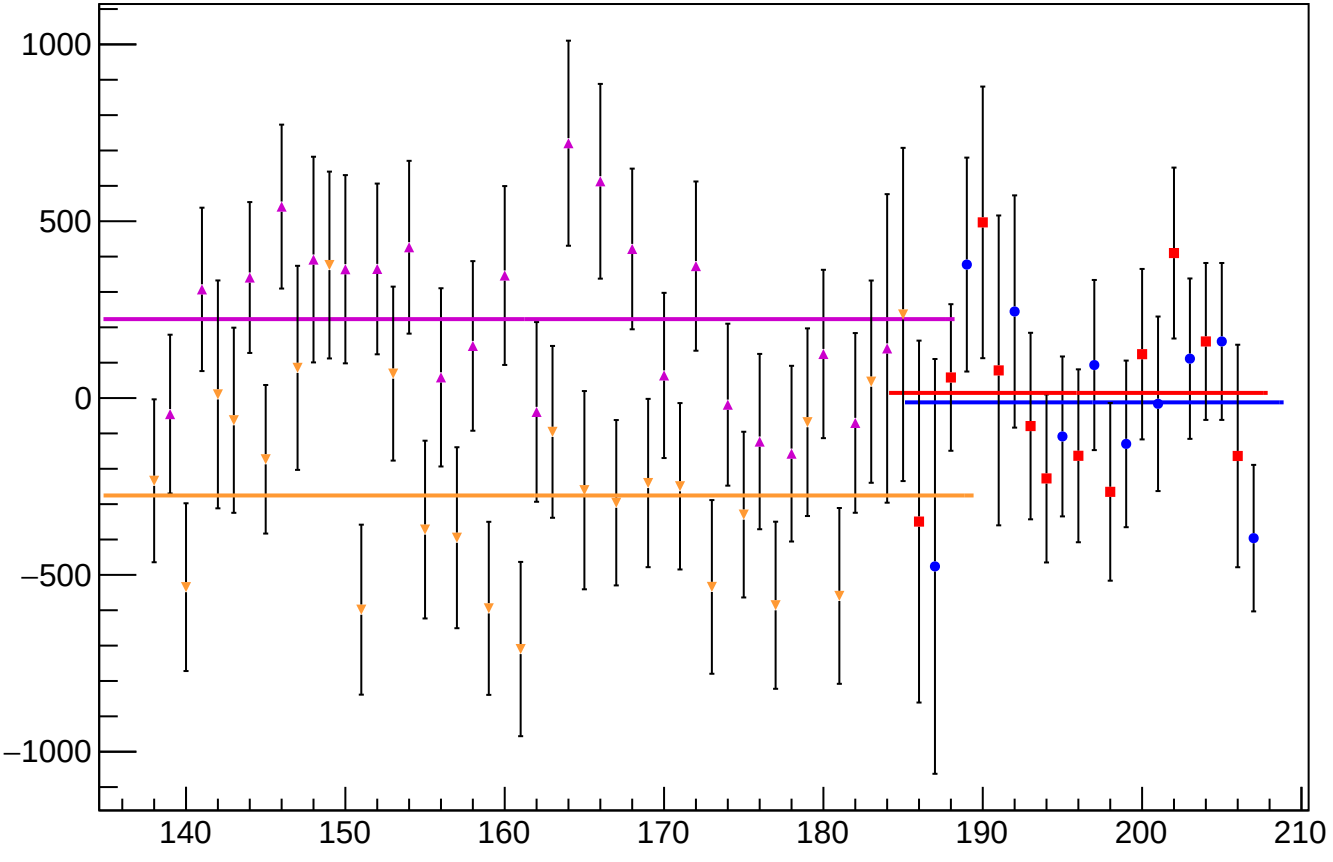
Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

+ sign 653.471+/-0.093 χ^2/NDF: 629340.7/34

All: 654.139+/-0.066 χ^2/NDF: 2181107.7/69

- sign 654.813+/-0.094 χ^2/NDF: 1551663.7/34

dit_asym_sam_26_dd_mean vs Slug



Right In: -12.151+/-79.690 χ^2/NDF: 7.9/9

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 14.579+/-77.035 χ^2/NDF: 8.7/11

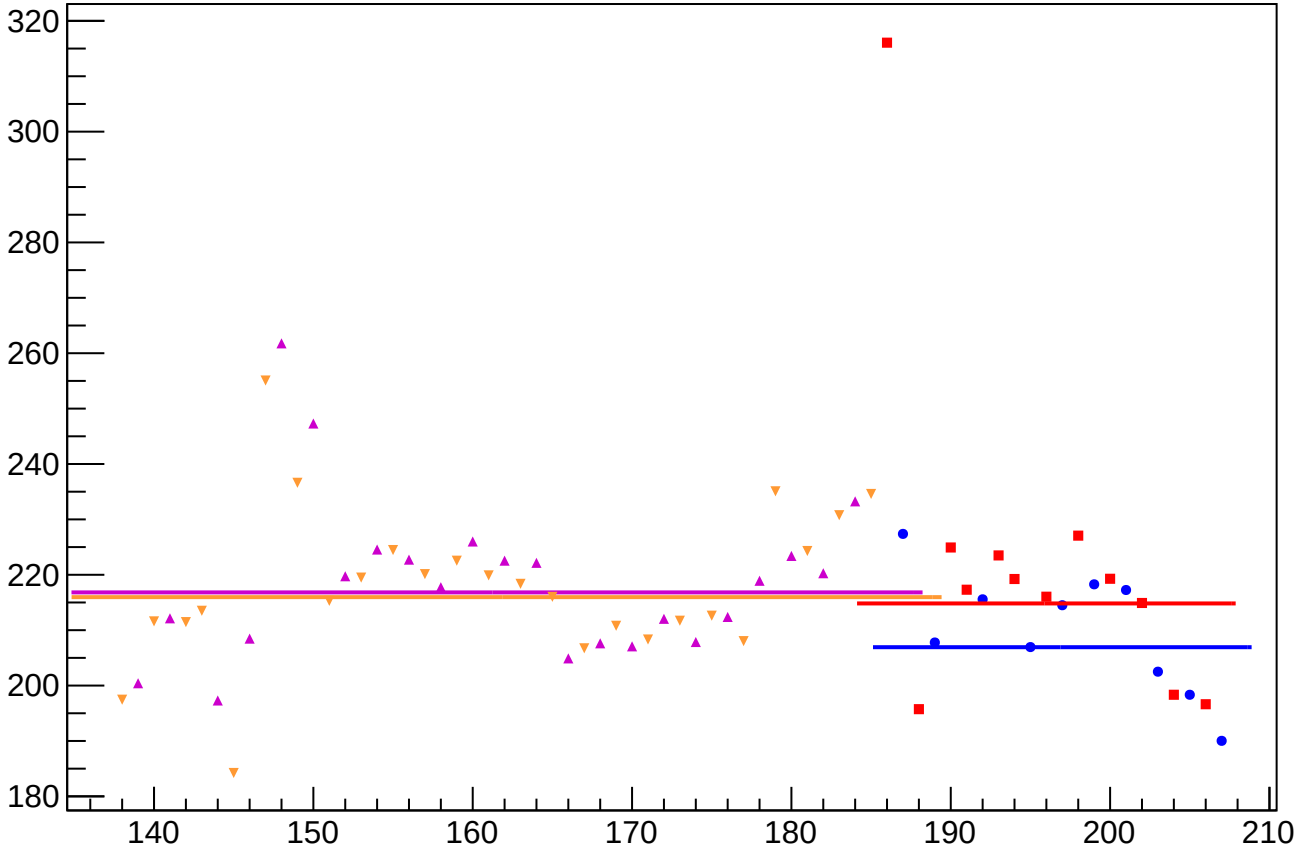
Left In: 223.195+/-51.742 χ^2/NDF:20.8/22

+ sign -199.923+/-42.680 χ^2/NDF: 43.0/34

All: -21.931+/-30.275 χ^2/NDF: 112.5/69

- sign 158.340+/-42.952 χ^2/NDF: 34.5/34

dit_asym_sam_26_dd_rms vs Slug



Right In: 206.928+/-0.056 χ^2/NDF: 31039.6/9

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 214.827+/-0.054 χ^2/NDF: 122761.4/11

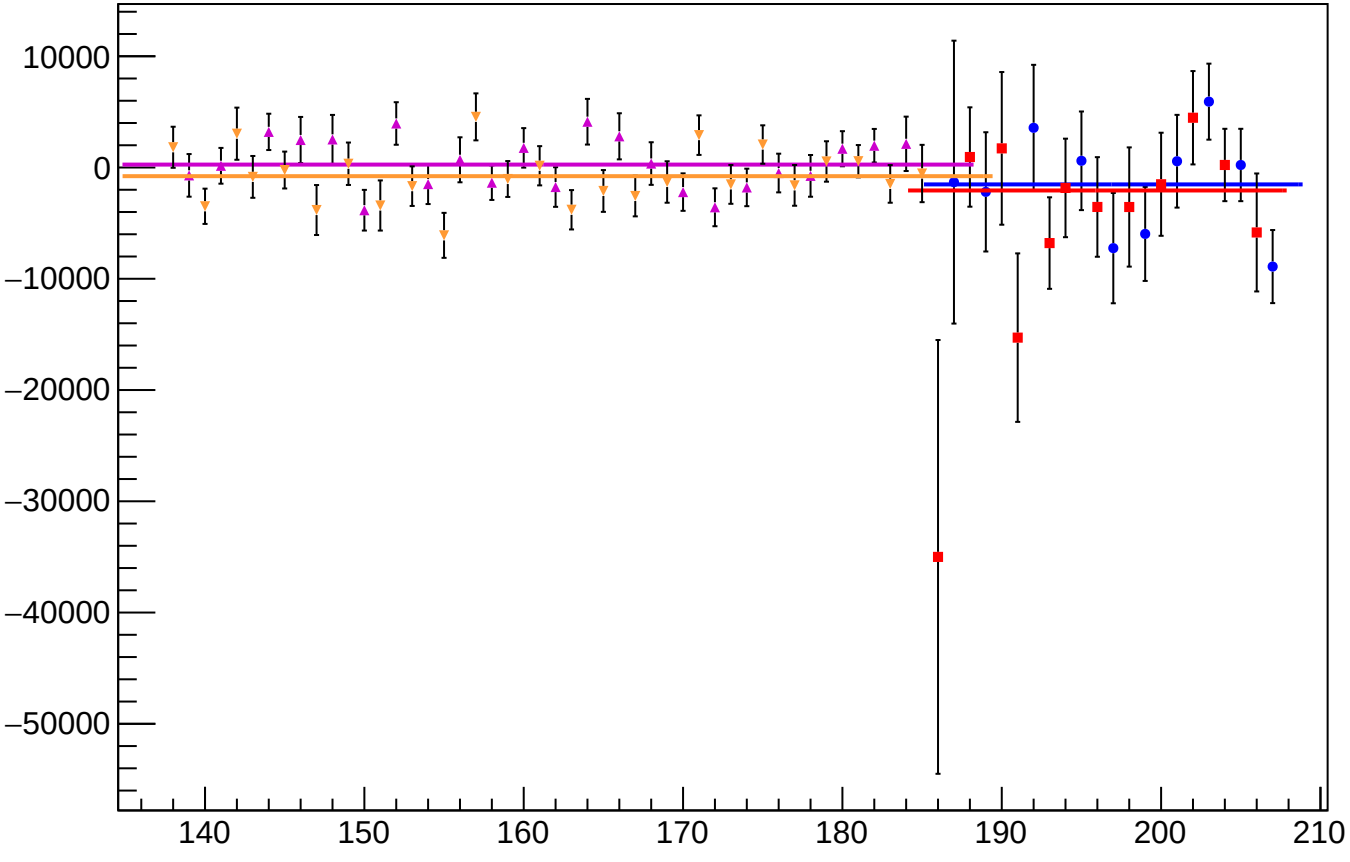
Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

+ sign 213.371+/-0.030 χ^2/NDF: 194111.1/34

All: 214.777+/-0.021 χ^2/NDF: 454682.9/69

- sign 216.201+/-0.030 χ^2/NDF: 256204.2/34

asym_sam_26_dd_correction_mean vs Slug



Right In: -1518.765+/-1348.009 χ^2/NDF: 13.8/9

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: -2064.015+/-1386.921 χ^2/NDF: 11.6/11

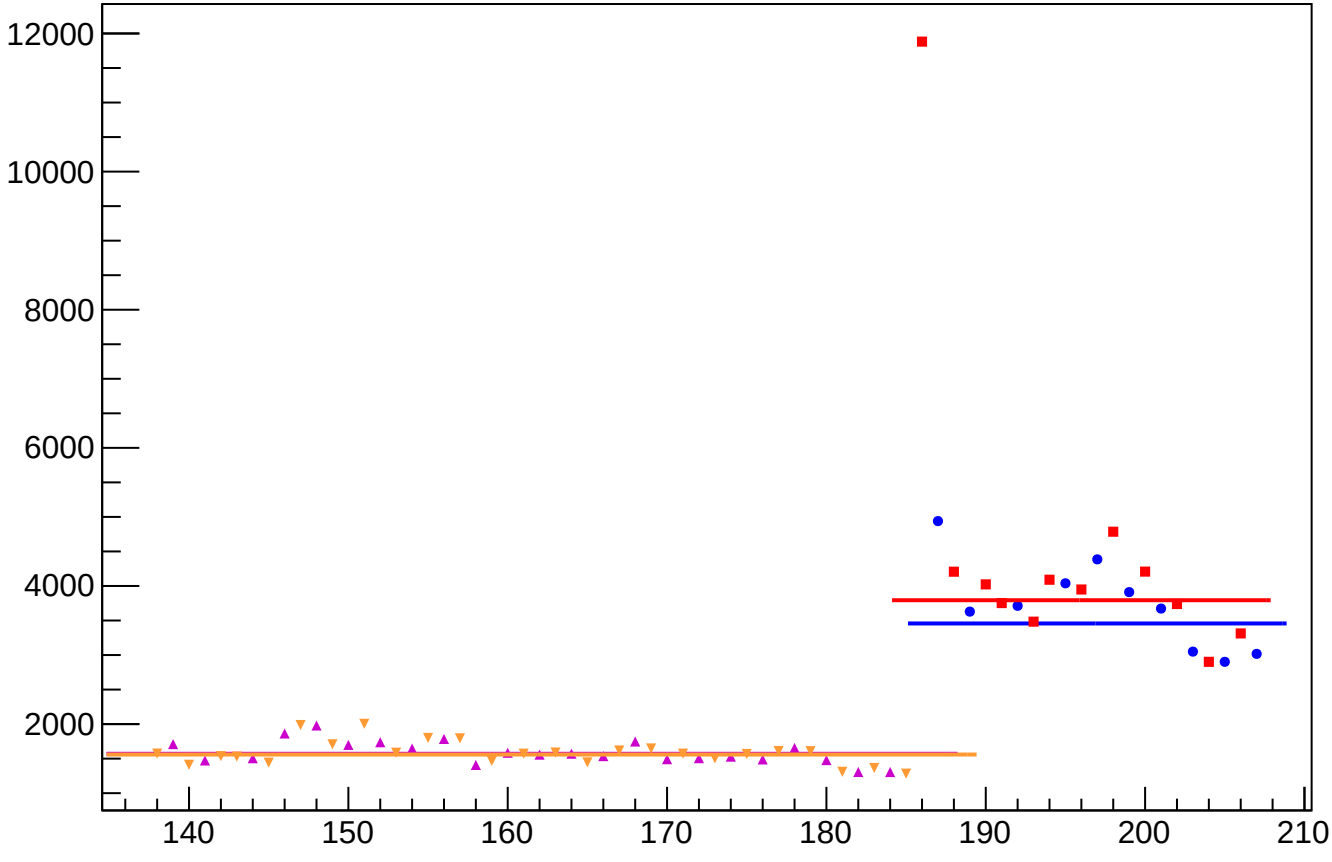
Left In: 261.815+/-376.203 χ^2/NDF:35.4/22

+ sign -830.176+/-354.079 χ^2/NDF: 52.6/34

All: -375.586+/-253.495 χ^2/NDF: 105.6/69

- sign 102.416+/-363.082 χ^2/NDF: 49.7/34

asym_sam_26_dd_correction_rms vs Slug



Right In: 3457.344+/-0.953 χ^2/NDF: 289072.0/9

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 3793.719+/-0.981 χ^2/NDF: 638296.5/11

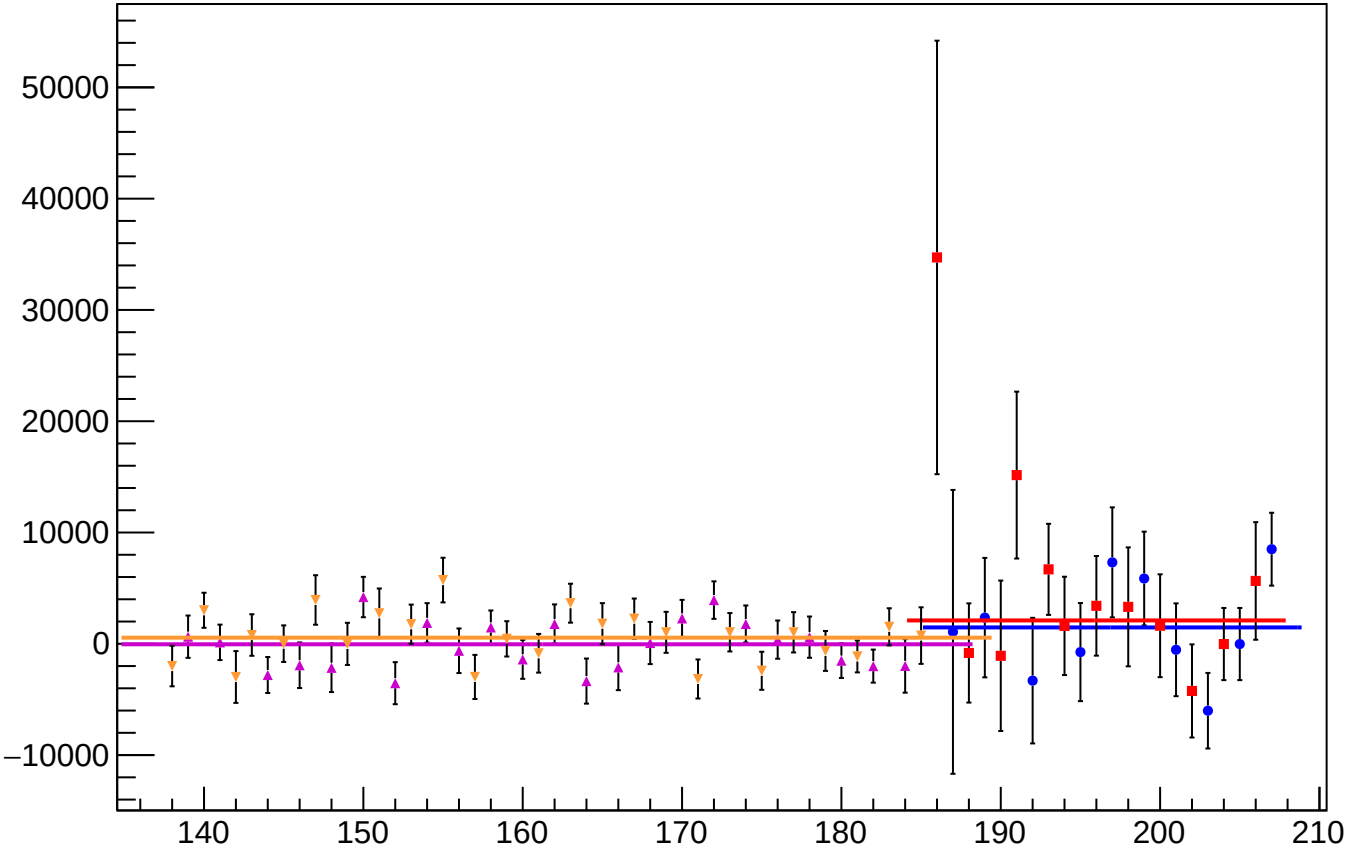
Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

+ sign 1690.445+/-0.250 χ^2/NDF: 4358992.7/34

All: 1706.172+/-0.179 χ^2/NDF: 10122487.8/6

- sign 1722.709+/-0.257 χ^2/NDF: 5755400.9/34

asym_sam_26_dd_mean vs Slug



Right In: 1470.588+/-1343.879 χ^2/NDF: 13.4/9

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: 2098.902+/-1382.189 χ^2/NDF: 11.1/11

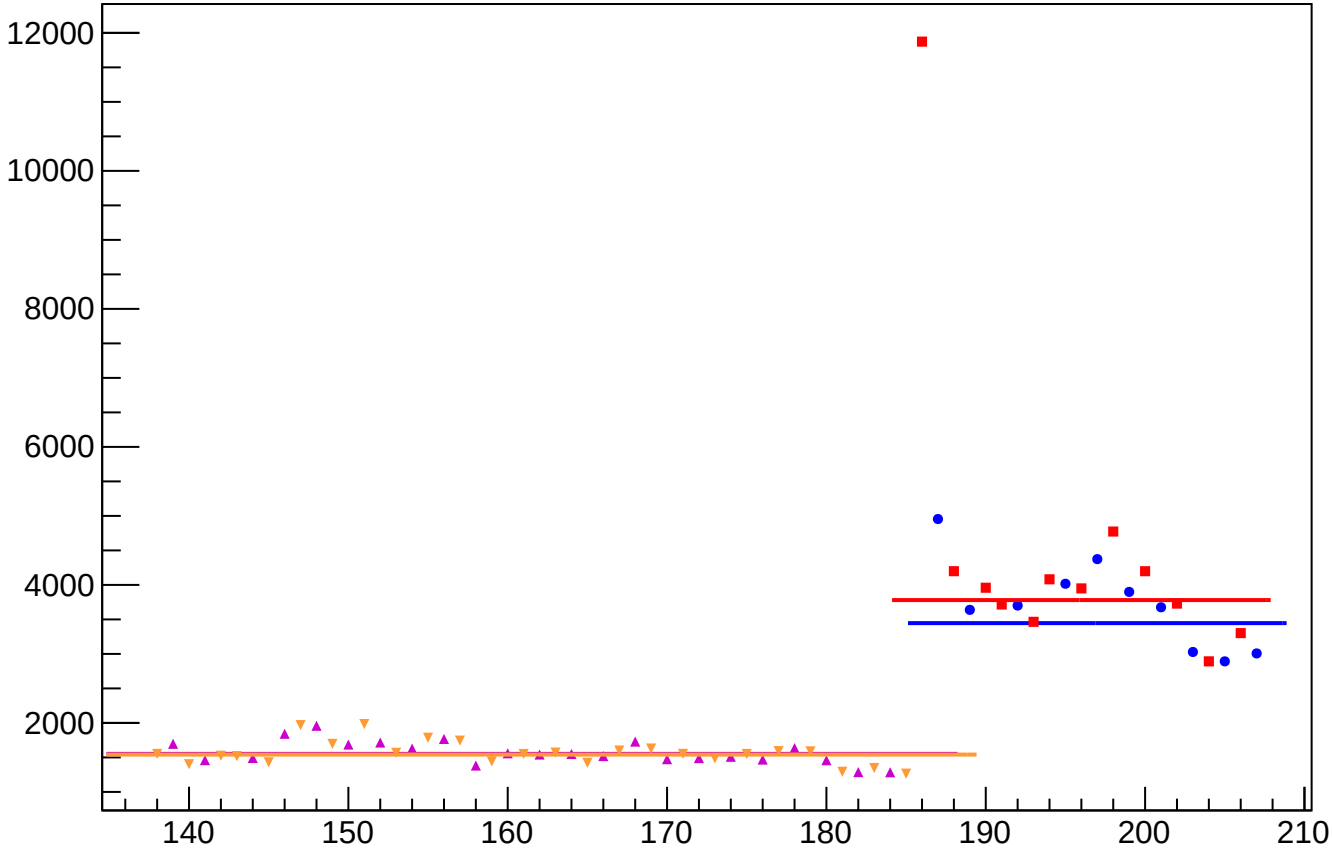
Left In: -43.949+/-371.765 χ^2/NDF:33.5/22

+ sign 612.421+/-349.696 χ^2/NDF: 49.4/34

All: 363.241+/-250.499 χ^2/NDF: 97.3/69

- sign 100.615+/-359.006 χ^2/NDF: 46.8/34

asym_sam_26_dd_rms vs Slug



Right In: 3446.233+/-0.950 χ^2/NDF: 292370.2/9

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 3780.266+/-0.977 χ^2/NDF: 640732.1/11

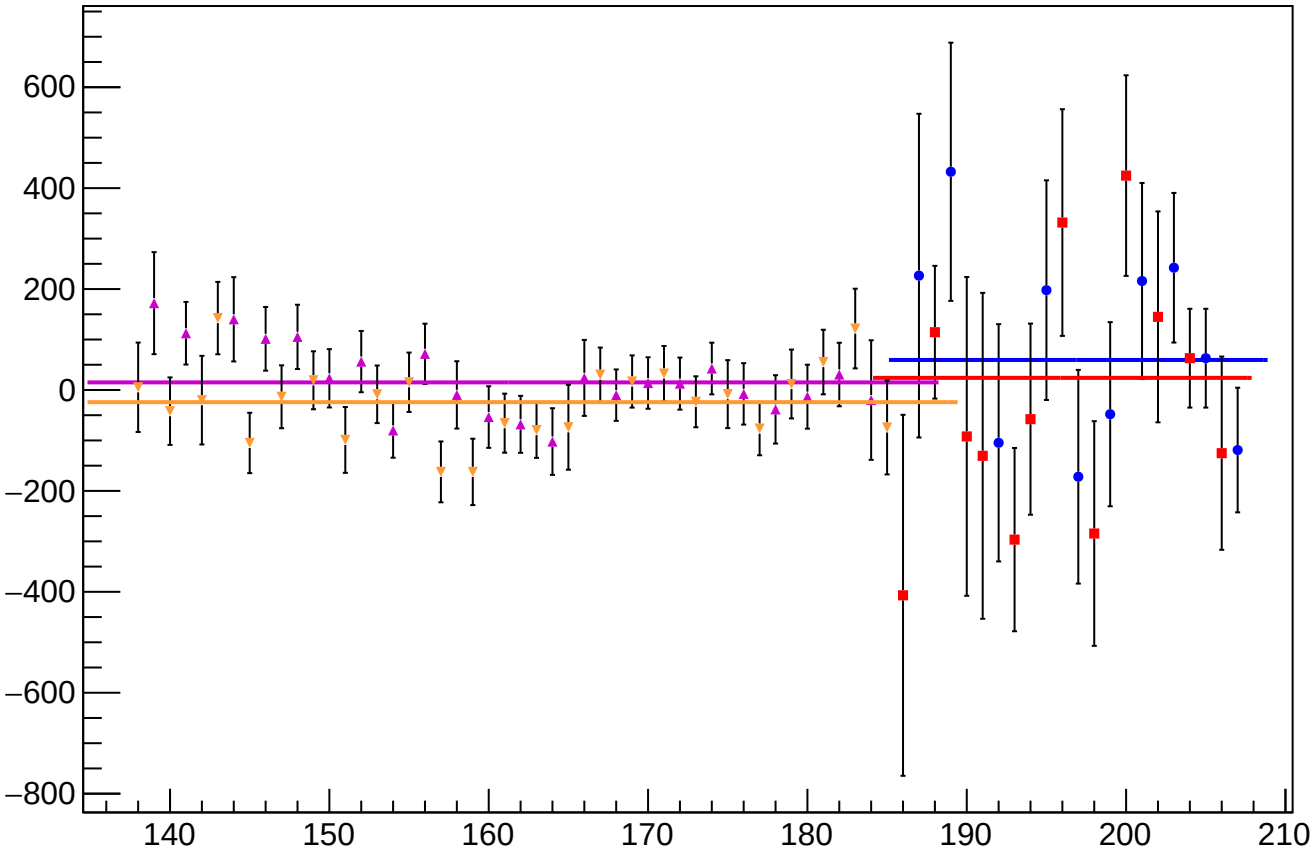
Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

+ sign 1670.144+/-0.247 χ^2/NDF: 4421489.4/34

All: 1685.577+/-0.177 χ^2/NDF: 10258732.2/6

- sign 1701.843+/-0.254 χ^2/NDF: 5829241.9/34

dit_asym_sam_37_dd_mean vs Slug



Right In: 59.505+/-52.822 χ^2/NDF: 9.1/9

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 24.023+/-52.470 χ^2/NDF: 14.6/11

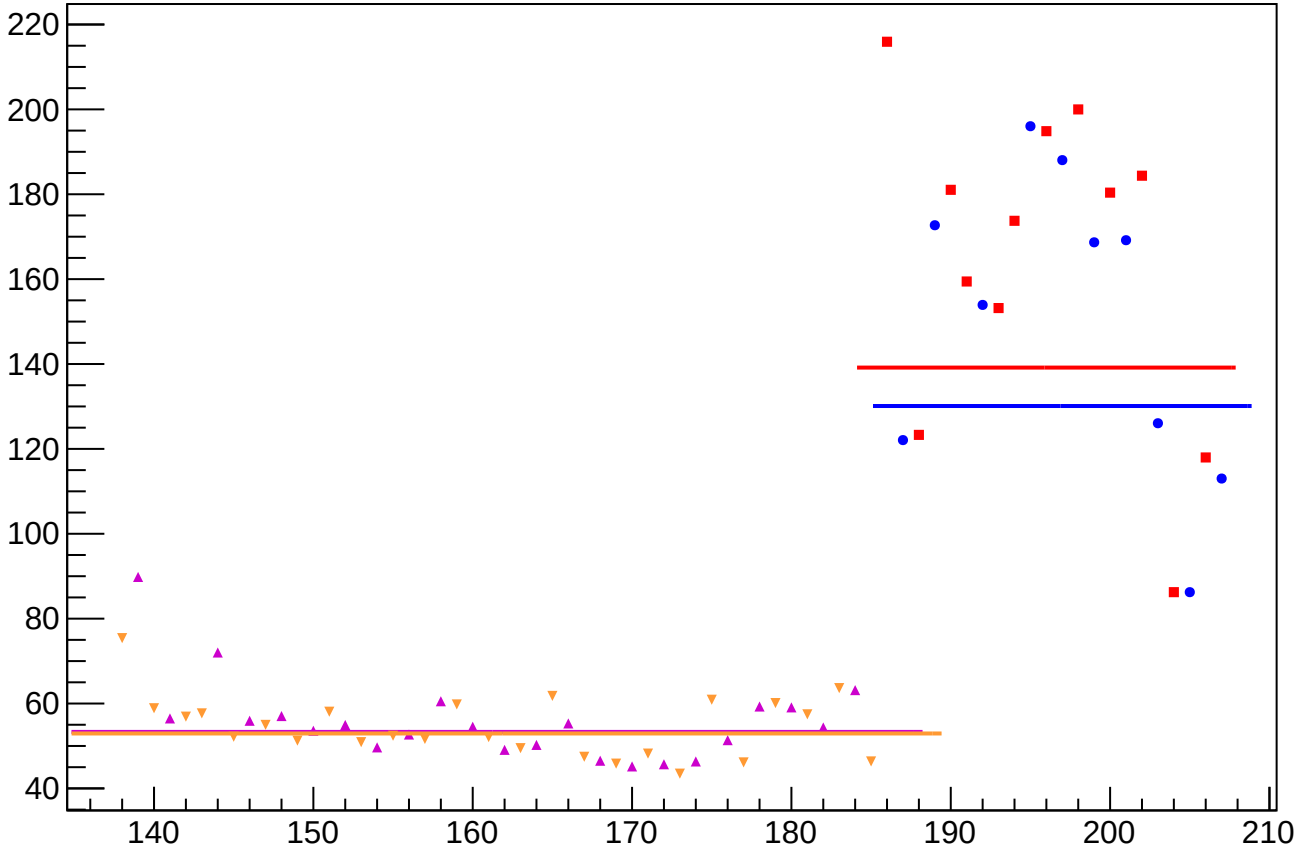
Left In: 15.058+/-12.921 χ^2/NDF:23.8/22

+ sign -19.674+/-12.187 χ^2/NDF: 42.1/34

All: -2.564+/-8.742 χ^2/NDF: 84.6/69

- sign 15.571+/-12.546 χ^2/NDF: 38.4/34

dit_asym_sam_37_dd_rms vs Slug



Right In: 130.104+/-0.037 χ^2/NDF: 1021873.2/9

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 139.159+/-0.037 χ^2/NDF: 1303551.9/11

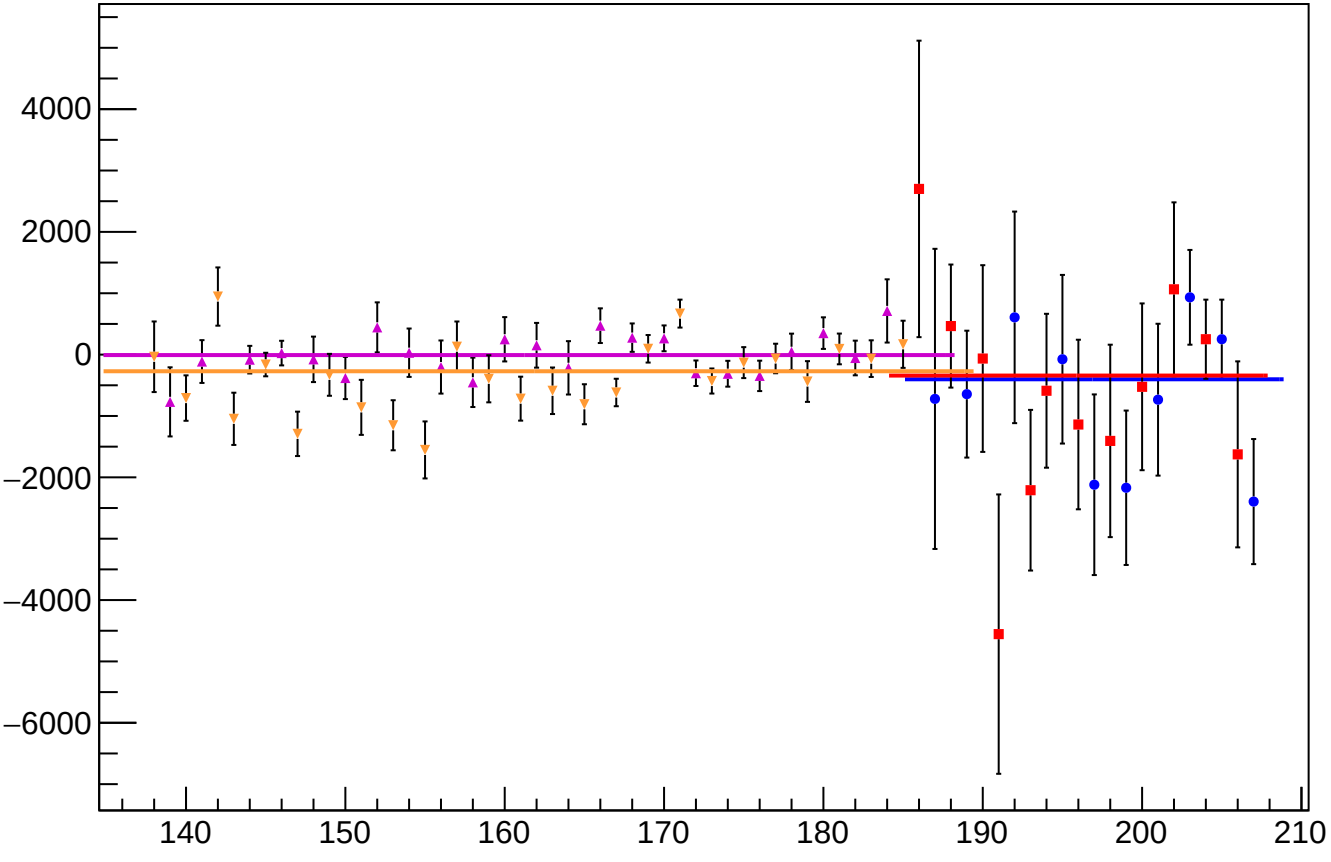
Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

+ sign 57.049+/-0.009 χ^2/NDF: 5575625.4/34

All: 57.618+/-0.006 χ^2/NDF: 12580017.9/69

- sign 58.220+/-0.009 χ^2/NDF: 6995427.1/34

asym_sam_37_dd_correction_mean vs Slug



Right In: -402.135+/-337.843 χ^2/NDF: 11.7/9

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: -341.510+/-357.545 χ^2/NDF: 11.1/11

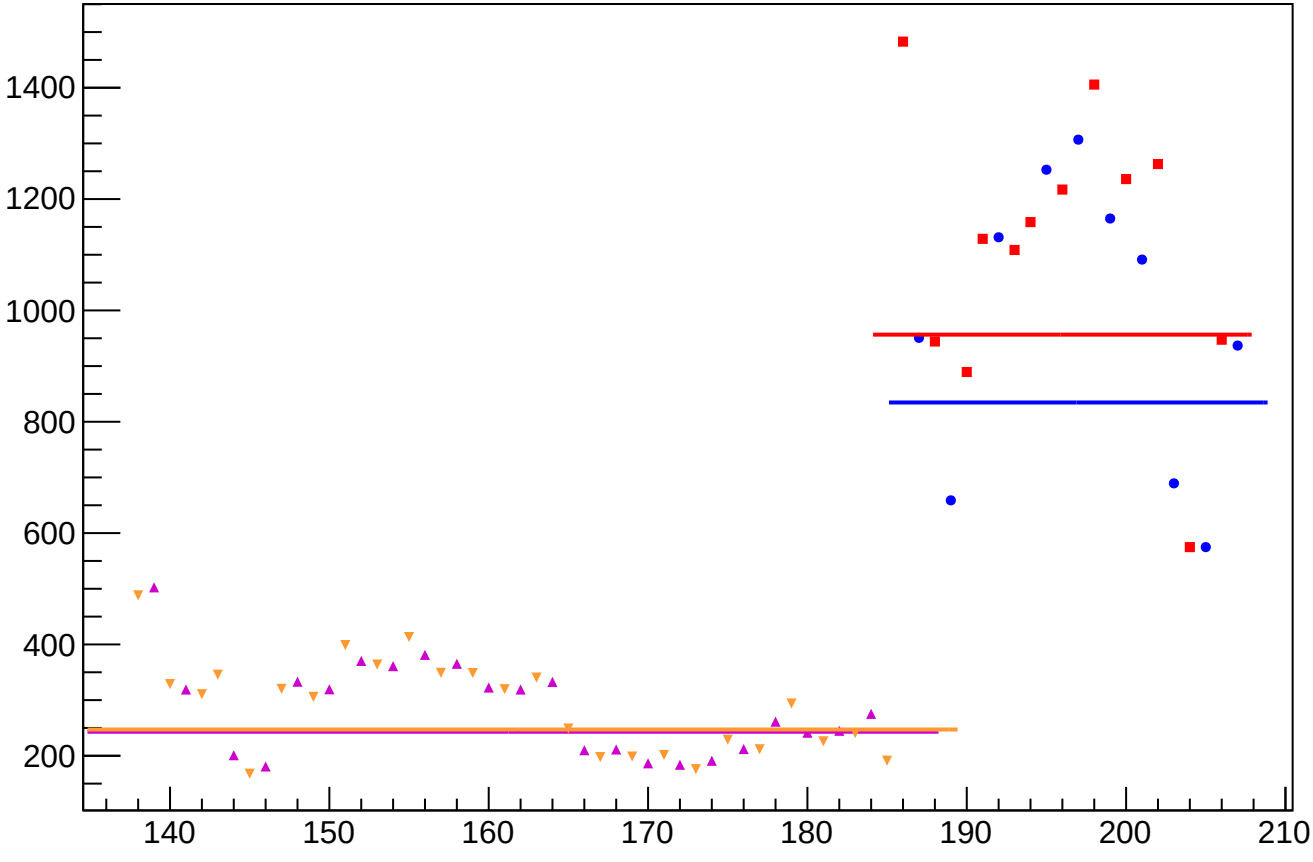
Left In: -7.535+/-60.328 χ^2/NDF:22.9/22

+ sign -275.279+/-59.347 χ^2/NDF: 79.5/34

All: -146.333+/-42.014 χ^2/NDF: 123.8/69

- sign -16.779+/-59.487 χ^2/NDF: 34.8/34

asym_sam_37_dd_correction_rms vs Slug



Right In: 834.627+/-0.239 χ^2/NDF: 1152280.0/9

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 956.501+/-0.253 χ^2/NDF: 1304195.5/11

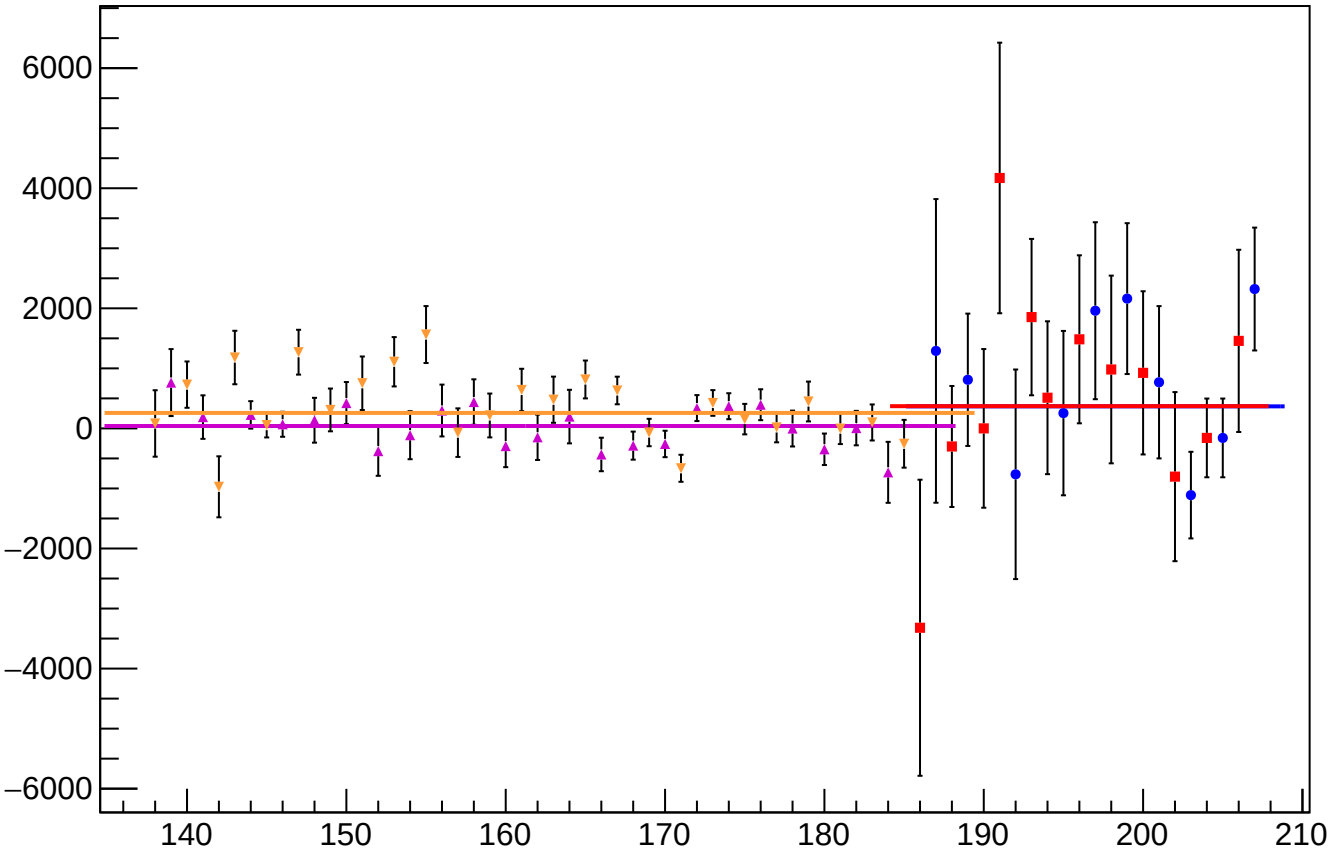
Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

+ sign 265.294+/-0.042 χ^2/NDF: 9866251.0/34

All: 264.117+/-0.030 χ^2/NDF: 21483135.0/69

- sign 262.934+/-0.042 χ^2/NDF: 11615306.7/34

asym_sam_37_dd_mean vs Slug



Right In: 367.270+/-337.859 χ^2/NDF: 12.5/9

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: 370.389+/-356.882 χ^2/NDF: 9.7/11

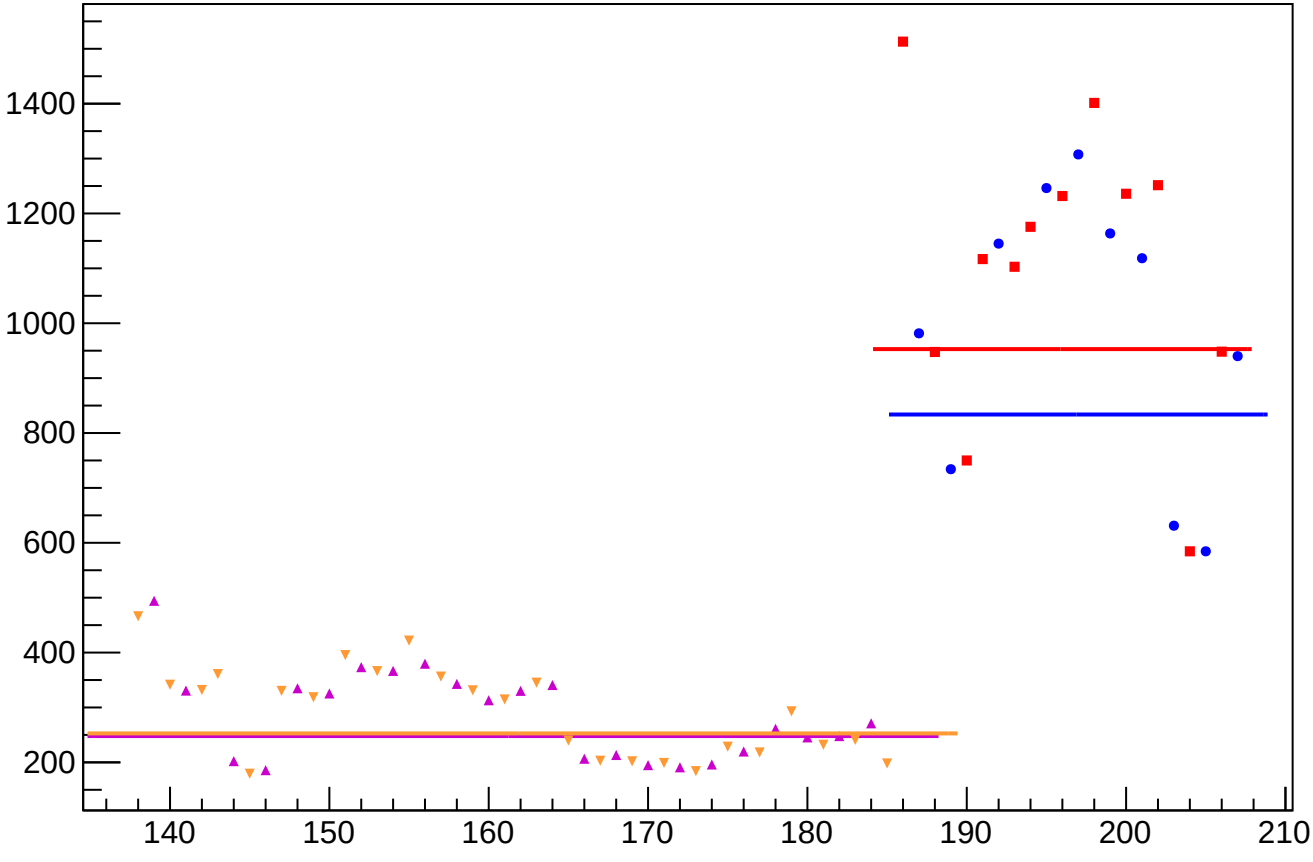
Left In: 40.015+/-61.495 χ^2/NDF:25.0/22

+ sign 261.546+/-60.494 χ^2/NDF: 77.6/34

All: 155.733+/-42.814 χ^2/NDF: 119.3/69

- sign 49.542+/-60.602 χ^2/NDF: 35.6/34

asym_sam_37_dd_rms vs Slug



Right In: 833.739+/-0.239 χ^2/NDF: 1182117.7/9

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 952.894+/-0.252 χ^2/NDF: 1300965.3/11

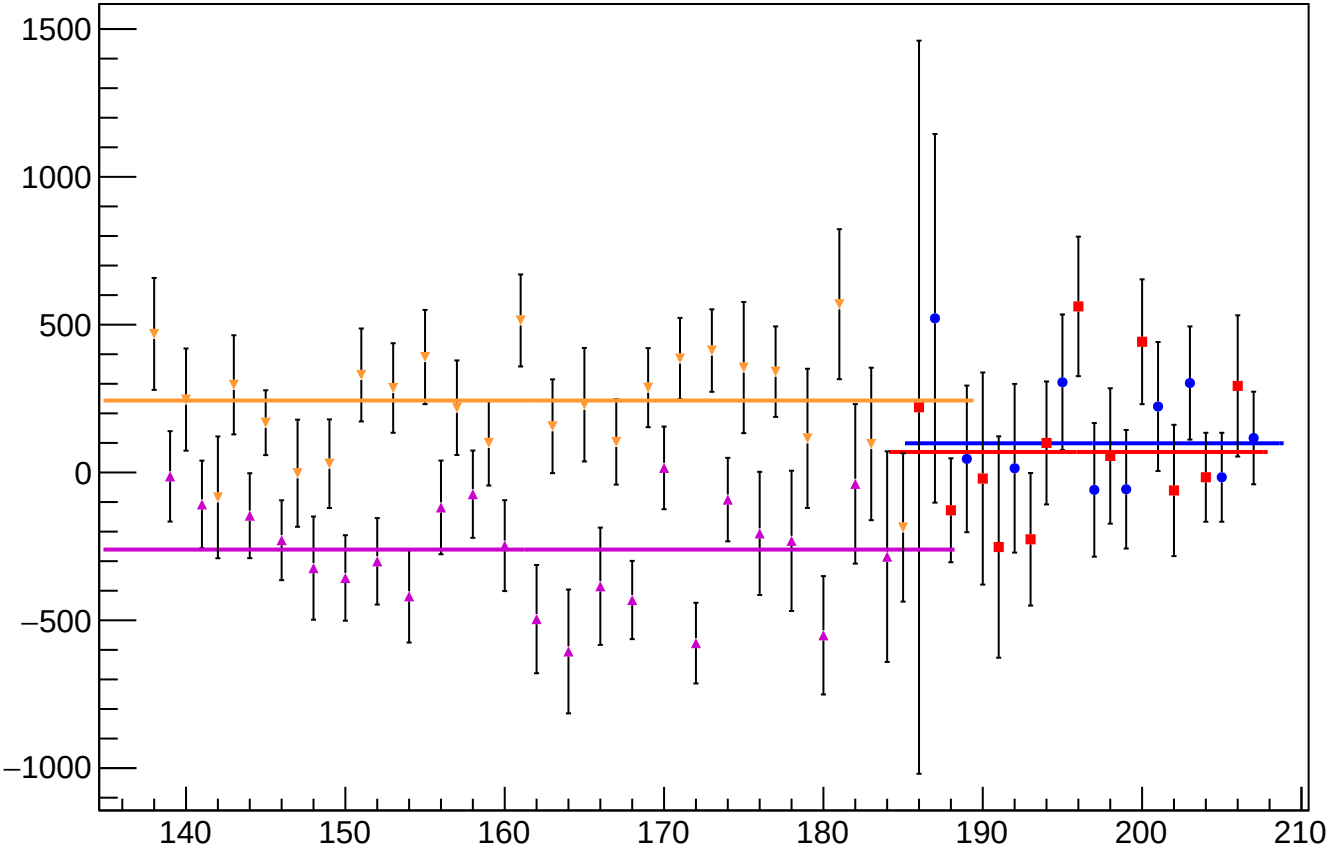
Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

+ sign 271.348+/-0.043 χ^2/NDF: 9556091.9/34

All: 269.800+/-0.030 χ^2/NDF: 20813538.8/69

- sign 268.247+/-0.043 χ^2/NDF: 11254824.0/34

dit_asym_sam_48_dd_mean vs Slug



Right In: 98.781+/-66.250 χ^2/NDF: 4.5/9

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: 69.420+/-65.600 χ^2/NDF: 12.8/11

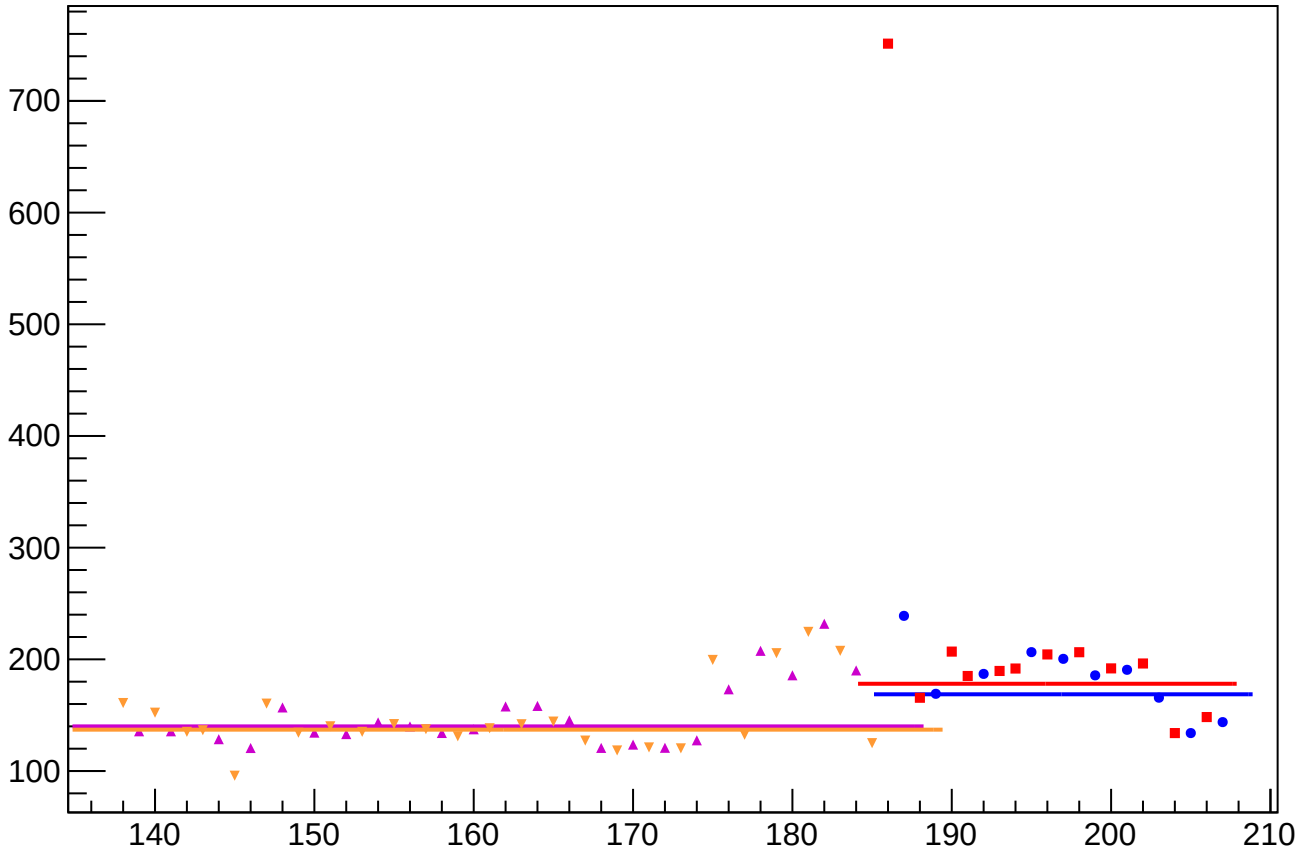
Left In: -260.749+/-33.988 χ^2/NDF:28.5/22

+ sign 215.050+/-29.350 χ^2/NDF: 31.8/34

All: 17.731+/-21.040 χ^2/NDF: 186.1/69

- sign -190.875+/-30.178 χ^2/NDF: 61.3/34

dit_asym_sam_48_dd_rms vs Slug



Right In: 168.709+/-0.047 χ^2/NDF: 319398.5/9

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 178.130+/-0.046 χ^2/NDF: 745312.6/11

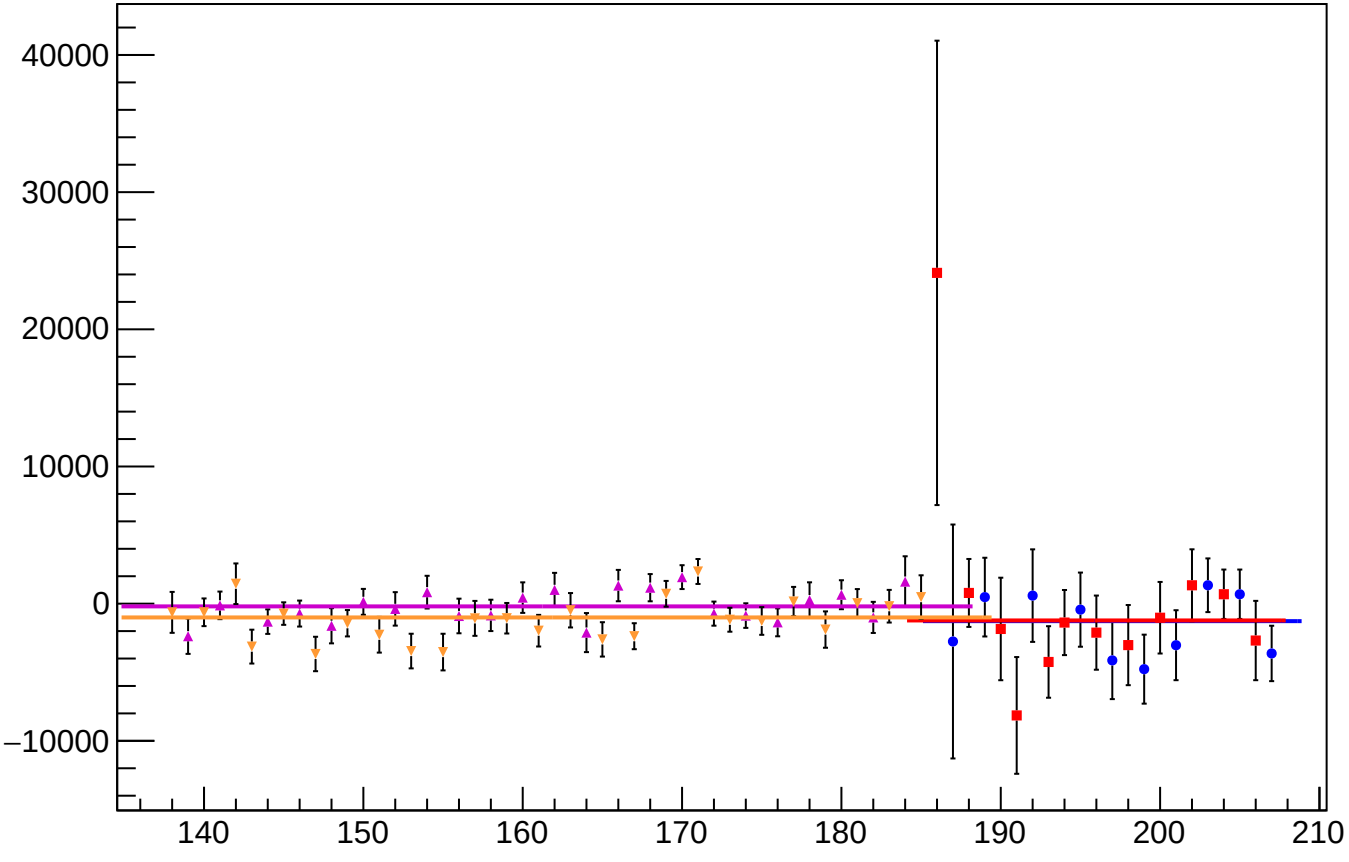
Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

+ sign 143.252+/-0.021 χ^2/NDF: 1887193.8/34

All: 145.581+/-0.015 χ^2/NDF: 4030206.2/69

- sign 148.043+/-0.021 χ^2/NDF: 2117112.7/34

asym_sam_48_dd_correction_mean vs Slug



Right In: -1274.574+/-787.637 χ^2/NDF: 8.6/9

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: -1223.410+/-792.452 χ^2/NDF: 9.8/11

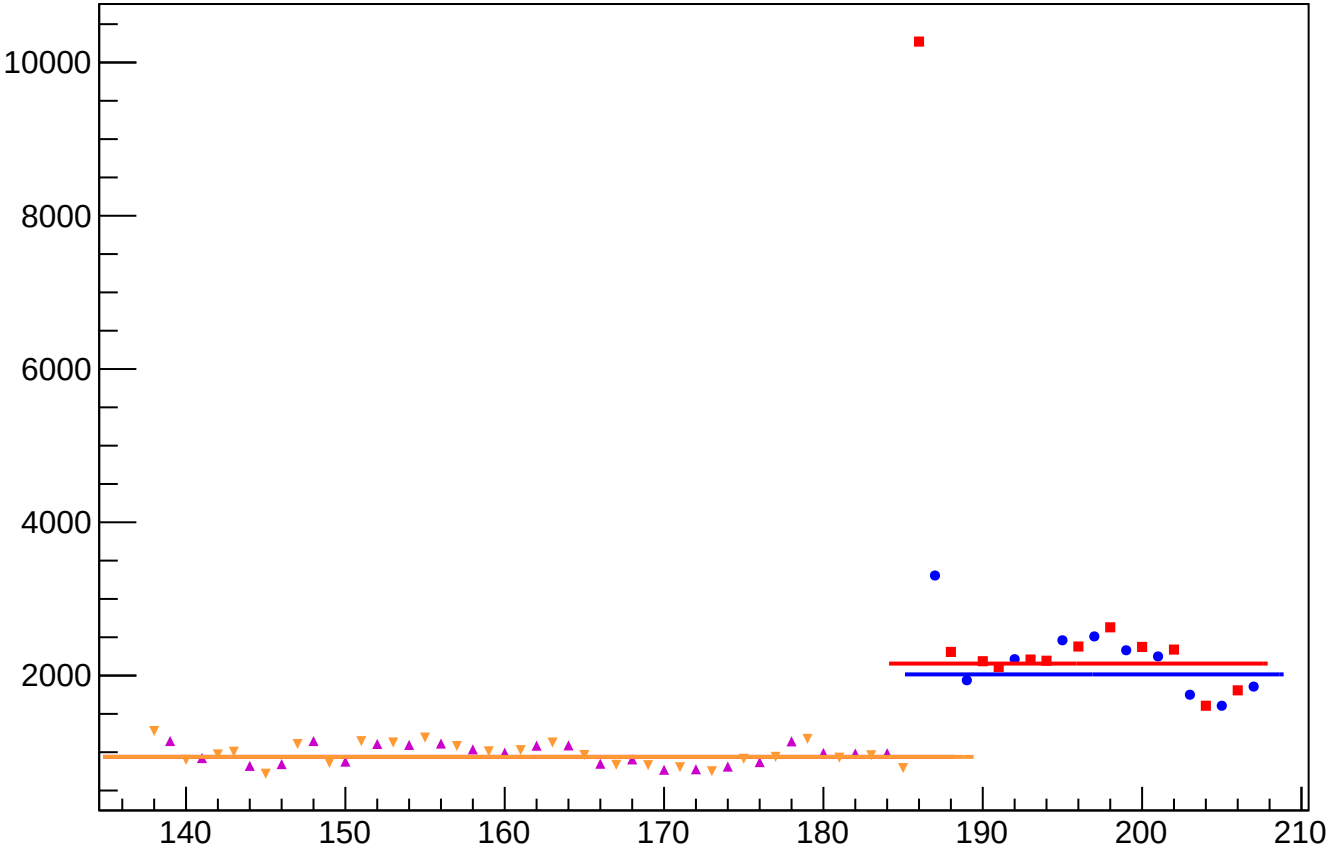
Left In: -198.654+/-225.997 χ^2/NDF:24.6/22

+ sign -1024.315+/-214.020 χ^2/NDF: 53.3/34

All: -655.771+/-152.492 χ^2/NDF: 95.3/69

- sign -275.731+/-217.332 χ^2/NDF: 35.9/34

asym_sam_48_dd_correction_rms vs Slug



Right In: 2015.475+/-0.557 χ^2/NDF: 370744.6/9

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2156.362+/-0.560 χ^2/NDF: 774526.0/11

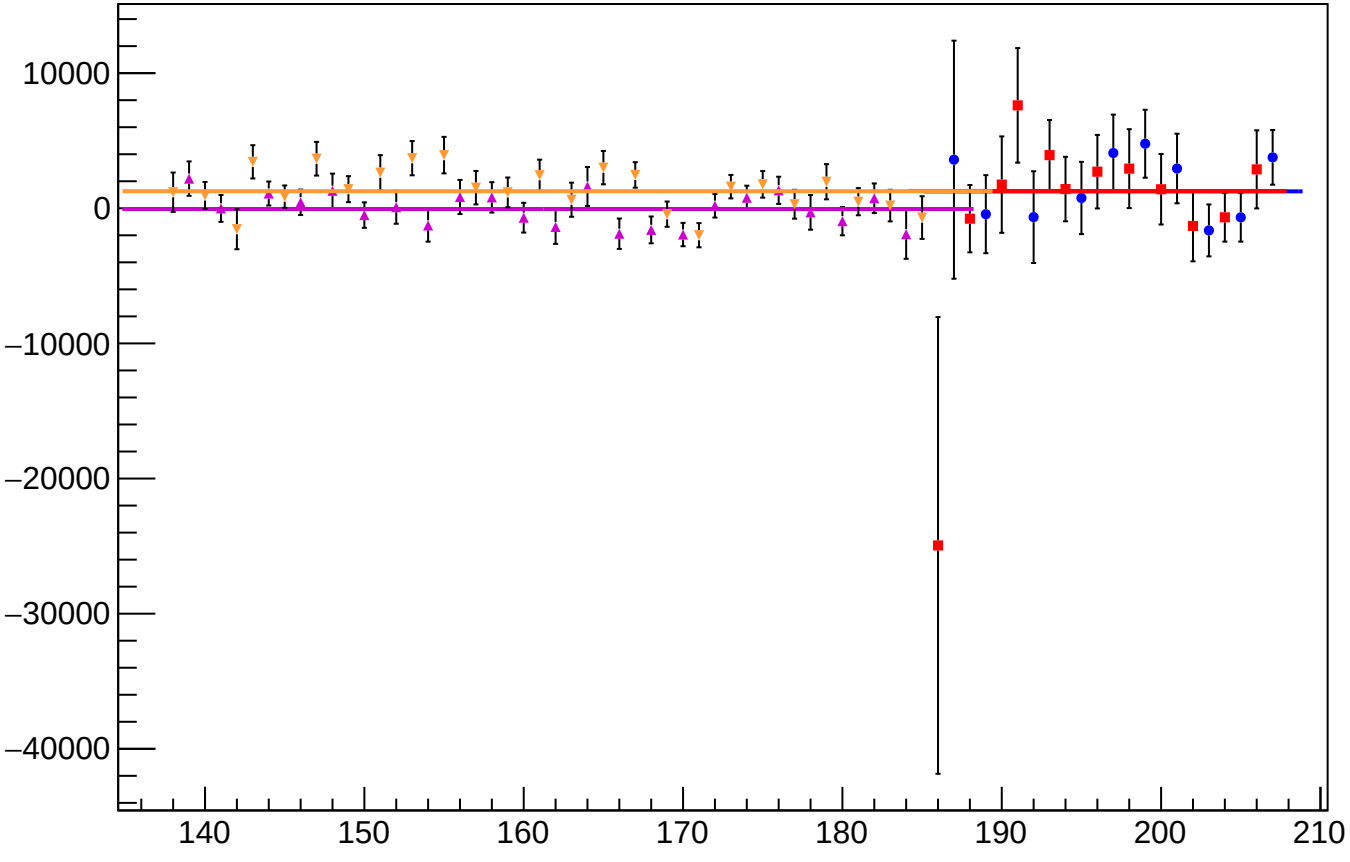
Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

+ sign 1018.470+/-0.151 χ^2/NDF: 4659205.7/34

All: 1024.312+/-0.108 χ^2/NDF: 10414734.4/6

- sign 1030.337+/-0.154 χ^2/NDF: 5752501.4/34

asym_sam_48_dd_mean vs Slug



Right In: 1251.480+/-786.390 χ^2/NDF: 9.1/9

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: 1282.048+/-791.358 χ^2/NDF: 9.4/11

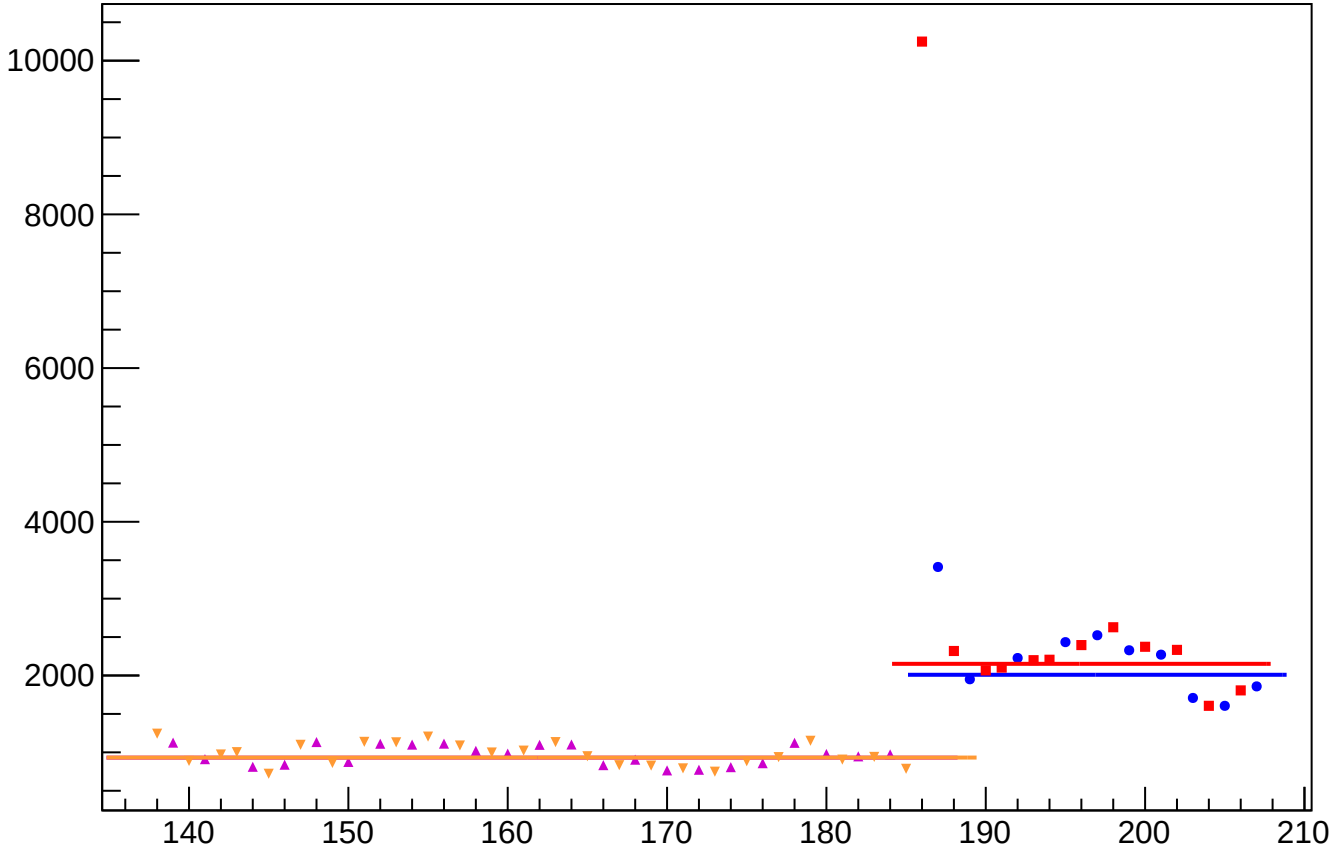
Left In: -53.940+/-224.371 χ^2/NDF:26.4/22

+ sign 1263.957+/-212.424 χ^2/NDF: 54.6/34

All: 664.493+/-151.407 χ^2/NDF: 109.3/69

- sign 45.466+/-215.862 χ^2/NDF: 38.5/34

asym_sam_48_dd_rms vs Slug



Right In: 2009.255+/-0.556 χ^2/NDF: 389948.8/9

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2151.742+/-0.560 χ^2/NDF: 777598.1/11

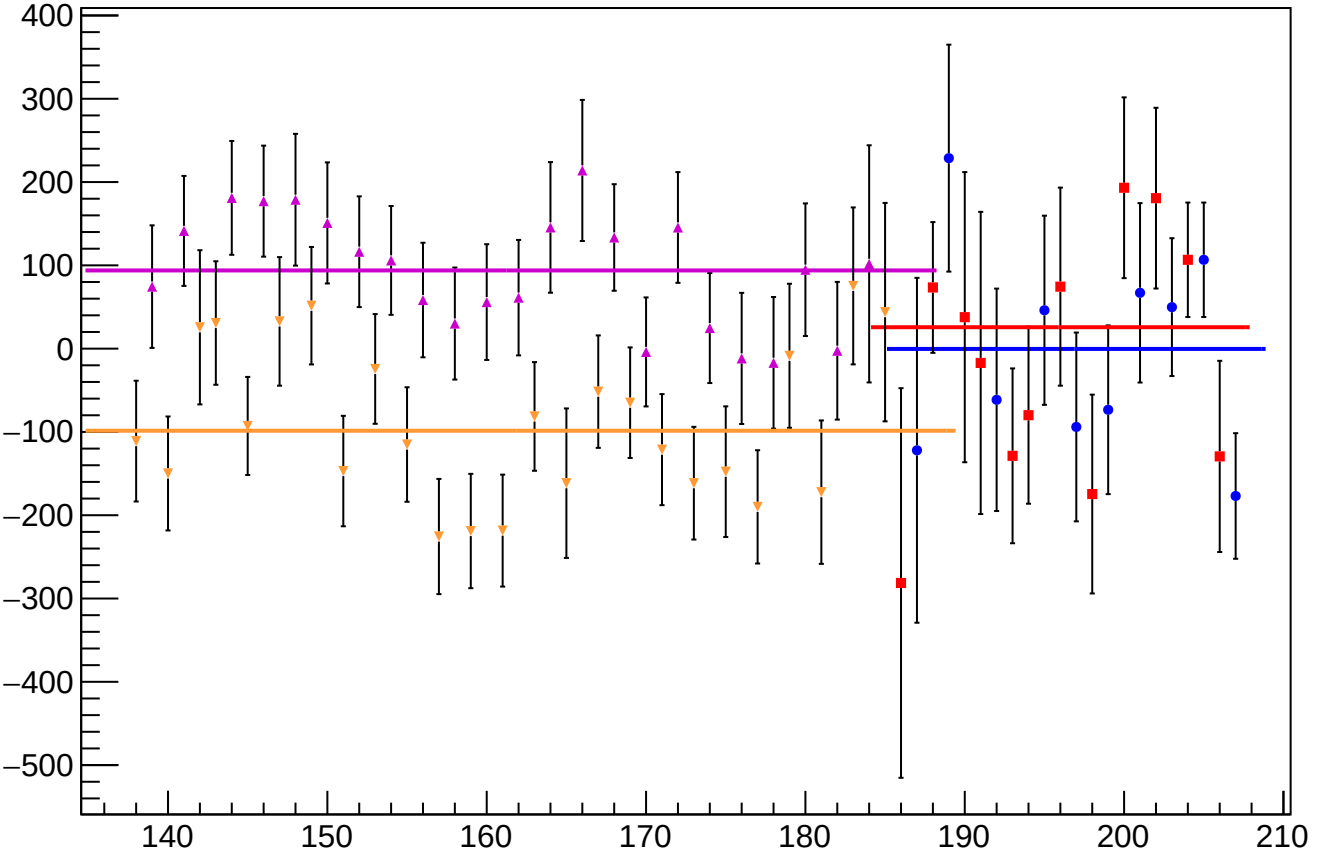
Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

+ sign 1010.763+/-0.150 χ^2/NDF: 4696838.3/34

All: 1016.141+/-0.107 χ^2/NDF: 10505151.0/6

- sign 1021.695+/-0.153 χ^2/NDF: 5805706.4/34

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -0.337+/-31.525 χ^2/NDF: 13.4/9

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 25.717+/-31.284 χ^2/NDF: 15.9/11

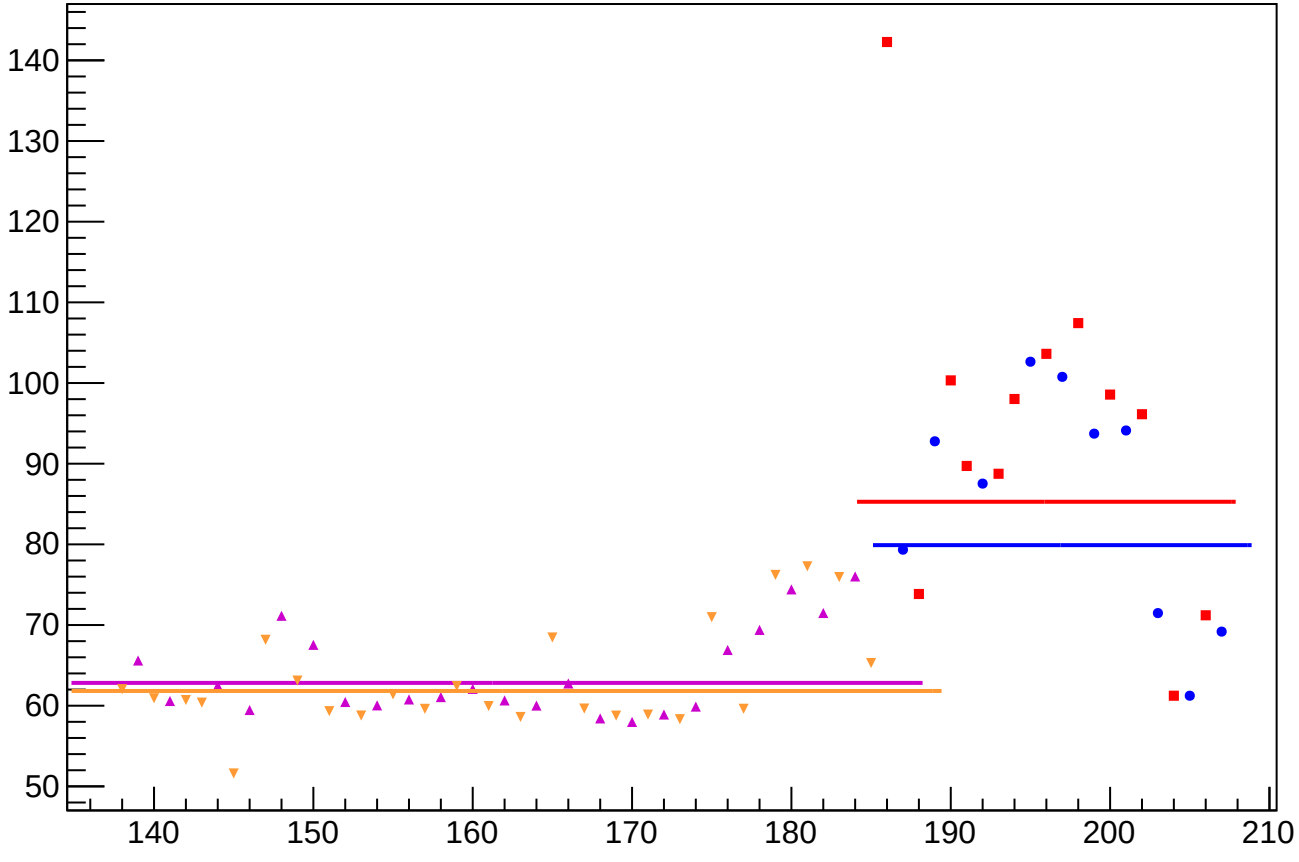
Left In: 93.899+/-15.039 χ^2/NDF:19.3/22

+ sign -81.358+/-13.192 χ^2/NDF: 56.7/34

All: -2.328+/-9.454 χ^2/NDF: 169.5/69

- sign 81.100+/-13.554 χ^2/NDF: 39.0/34

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 79.903+/-0.022 χ^2/NDF: 453196.1/9

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 85.281+/-0.022 χ^2/NDF: 649604.1/11

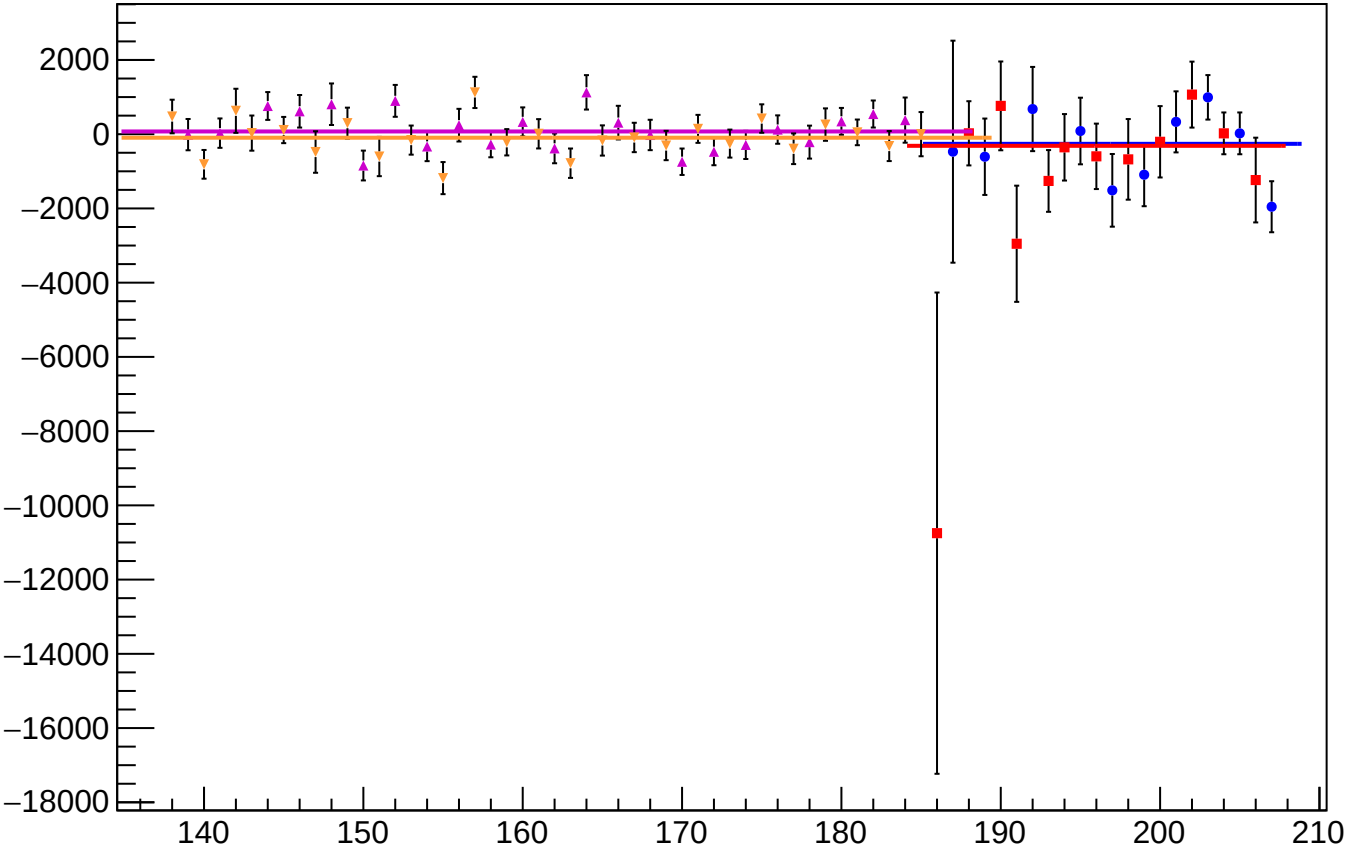
Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

+ sign 64.992+/-0.009 χ^2/NDF: 1309171.9/34

All: 65.989+/-0.007 χ^2/NDF: 3006199.5/69

- sign 67.042+/-0.010 χ^2/NDF: 1673534.0/34

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -259.344+/-257.849 χ^2/NDF: 14.8/9

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: -312.986+/-271.513 χ^2/NDF: 11.3/11

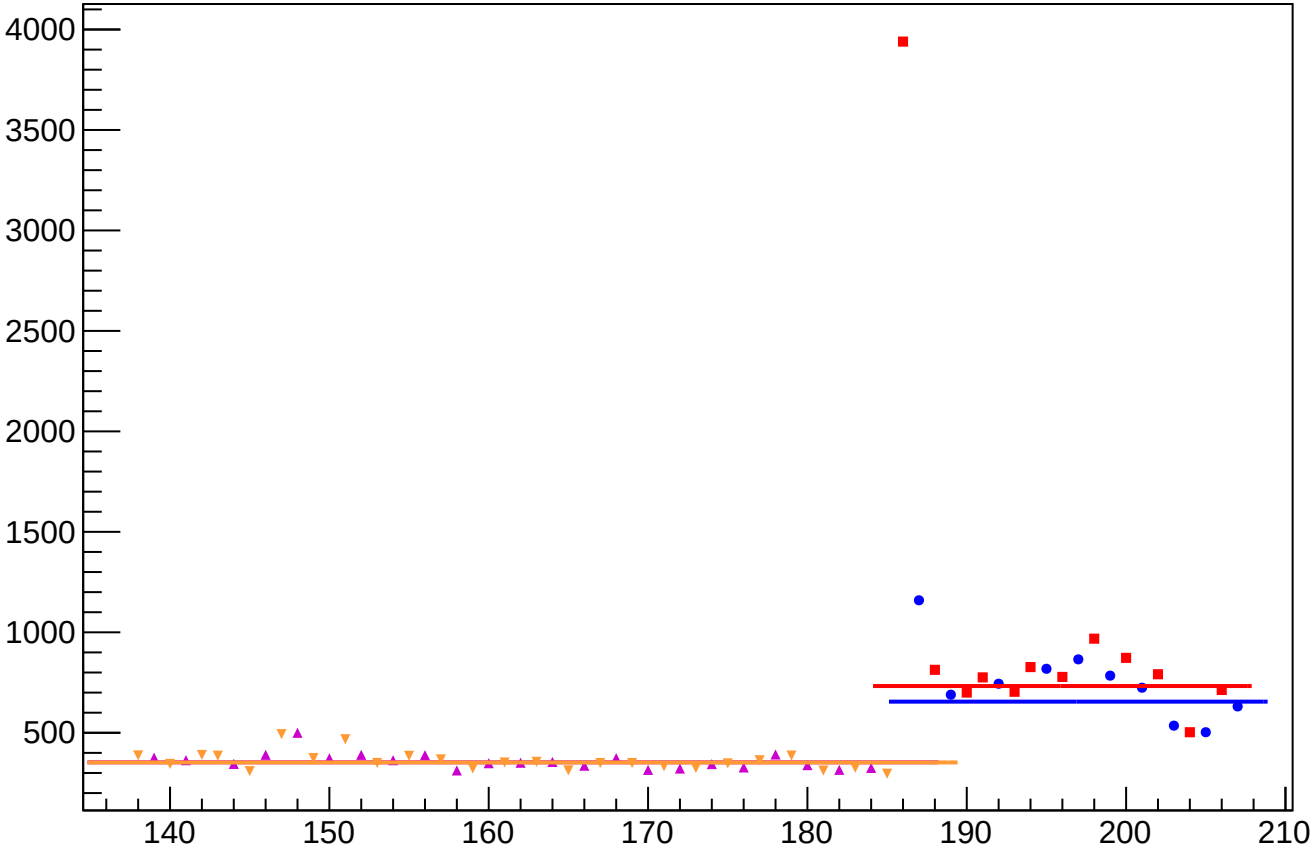
Left In: 73.914+/-84.652 χ^2/NDF:36.4/22

+ sign -110.295+/-78.878 χ^2/NDF: 46.7/34

All: -37.147+/-56.448 χ^2/NDF: 98.0/69

- sign 39.637+/-80.815 χ^2/NDF: 49.5/34

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 654.988+/-0.182 χ^2/NDF: 519026.6/9

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 732.645+/-0.192 χ^2/NDF: 1018994.4/11

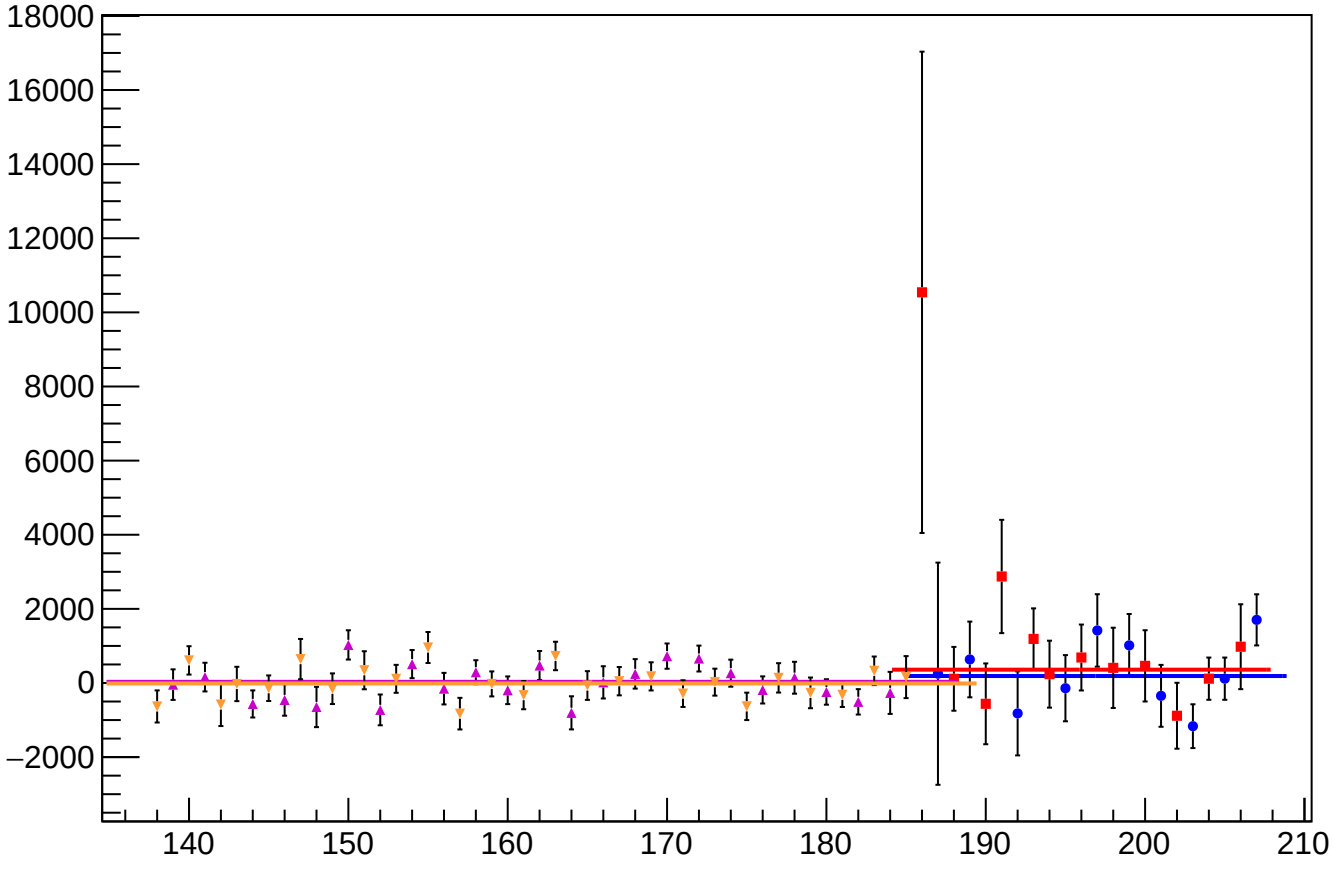
Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

+ sign 380.718+/-0.056 χ^2/NDF: 3433994.3/34

All: 383.692+/-0.040 χ^2/NDF: 8340705.4/69

- sign 386.814+/-0.057 χ^2/NDF: 4900883.7/34

asym_sam_13_57_dd_mean vs Slug



Right In: 188.213+/-257.992 χ^2/NDF: 14.2/9

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: 359.606+/-270.713 χ^2/NDF: 9.6/11

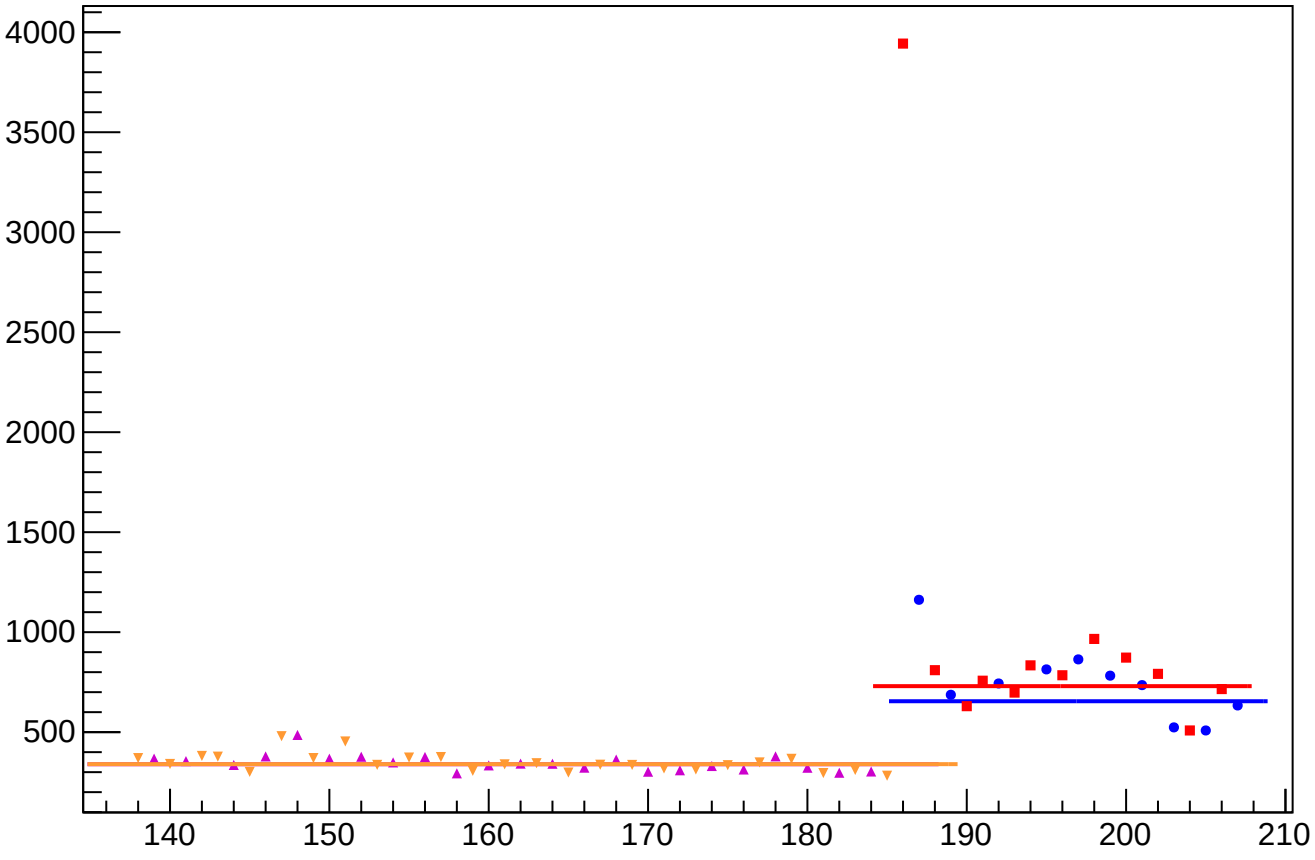
Left In: 31.531+/-81.476 χ^2/NDF:34.8/22

+ sign 5.059+/-76.397 χ^2/NDF: 42.1/34

All: 31.356+/-54.585 χ^2/NDF: 88.0/69

- sign 58.781+/-78.019 χ^2/NDF: 45.7/34

asym_sam_13_57_dd_rms vs Slug



Right In: 654.643+/-0.182 χ^2/NDF: 522480.5/9

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 730.091+/-0.191 χ^2/NDF: 1013108.8/11

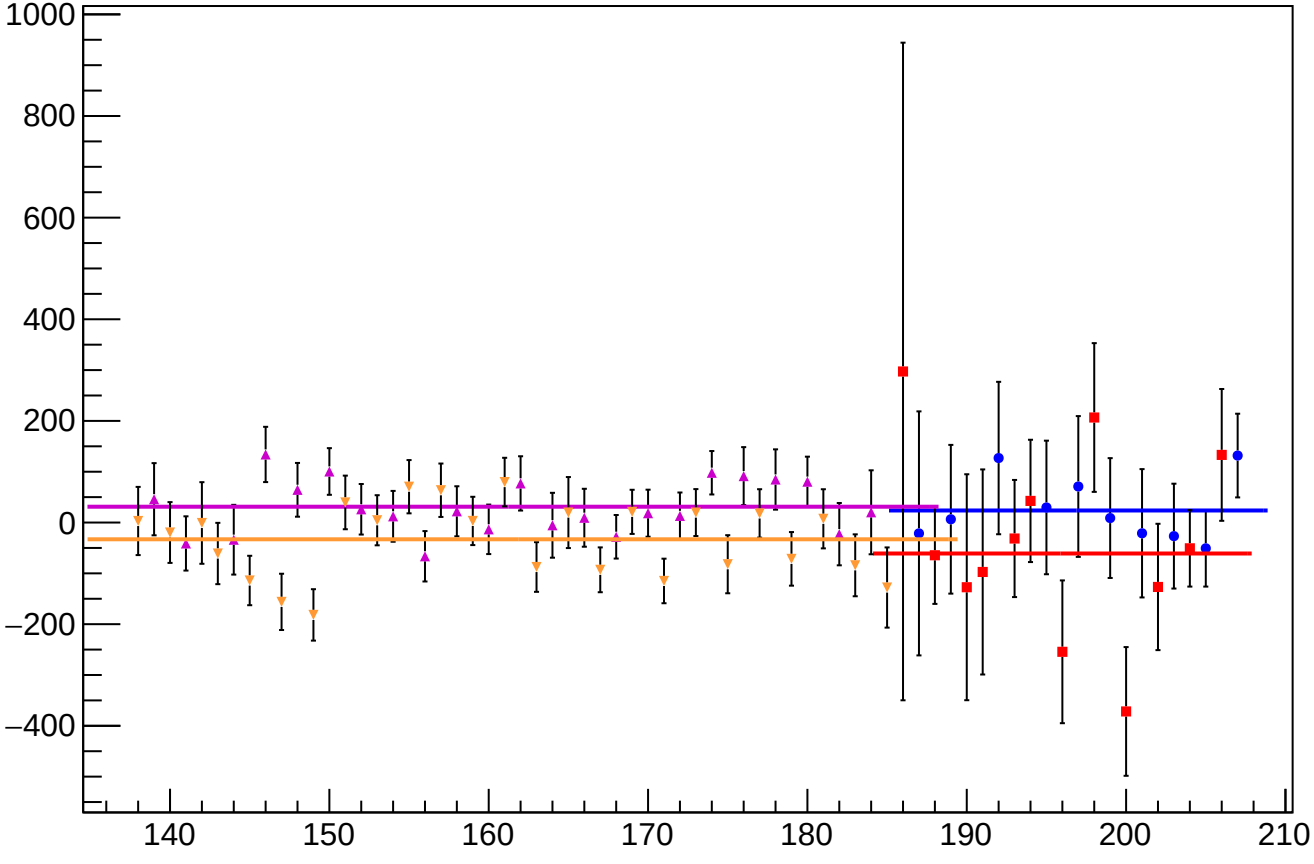
Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

+ sign 367.607+/-0.054 χ^2/NDF: 3701437.1/34

All: 369.761+/-0.039 χ^2/NDF: 8911895.1/69

- sign 372.007+/-0.055 χ^2/NDF: 5207210.9/34

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 23.721+/-36.018 χ^2/NDF: 3.7/9

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: -60.926+/-36.255 χ^2/NDF: 15.0/11

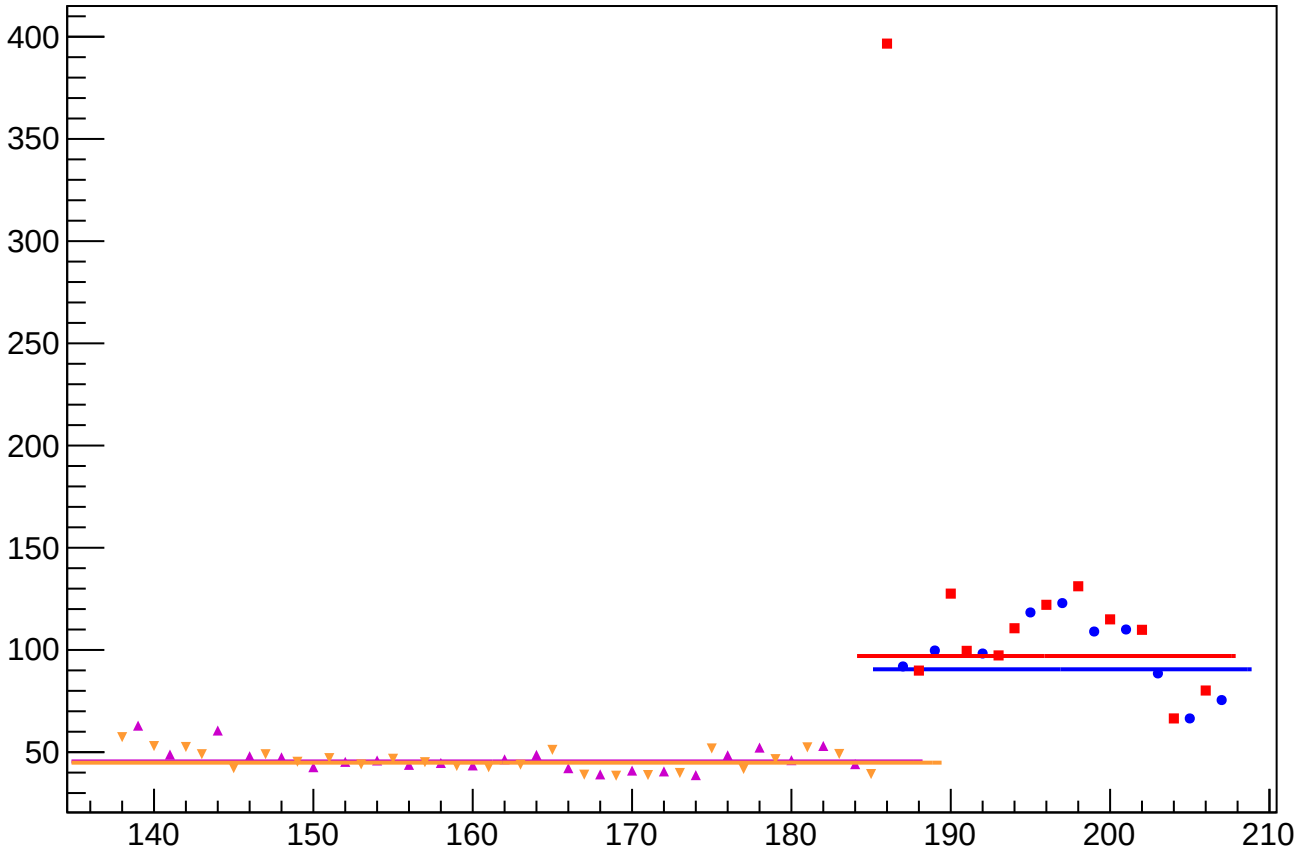
Left In: 31.144+/-10.958 χ^2/NDF:23.4/22

+ sign -28.464+/-10.149 χ^2/NDF: 54.0/34

All: -3.368+/-7.294 χ^2/NDF: 111.0/69

- sign 23.438+/-10.489 χ^2/NDF: 44.4/34

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 90.540+/-0.025 χ^2/NDF: 580101.7/9

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 97.039+/-0.026 χ^2/NDF: 1099621.4/11

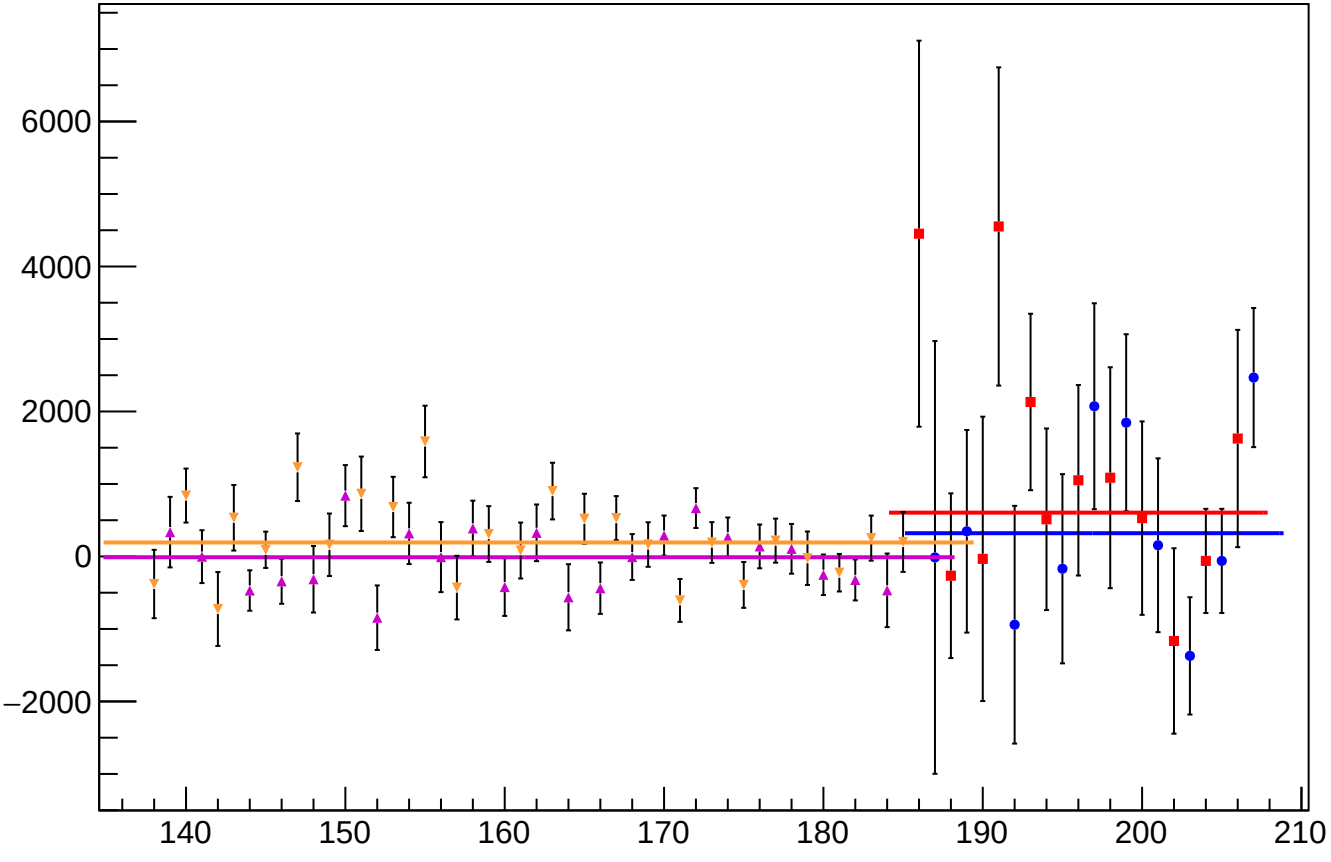
Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

+ sign 48.489+/-0.007 χ^2/NDF: 3956909.8/34

All: 49.114+/-0.005 χ^2/NDF: 9237701.5/69

- sign 49.782+/-0.007 χ^2/NDF: 5265091.7/34

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 320.871+/-353.591 χ^2/NDF: 13.5/9

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: 604.574+/-371.080 χ^2/NDF: 11.1/11

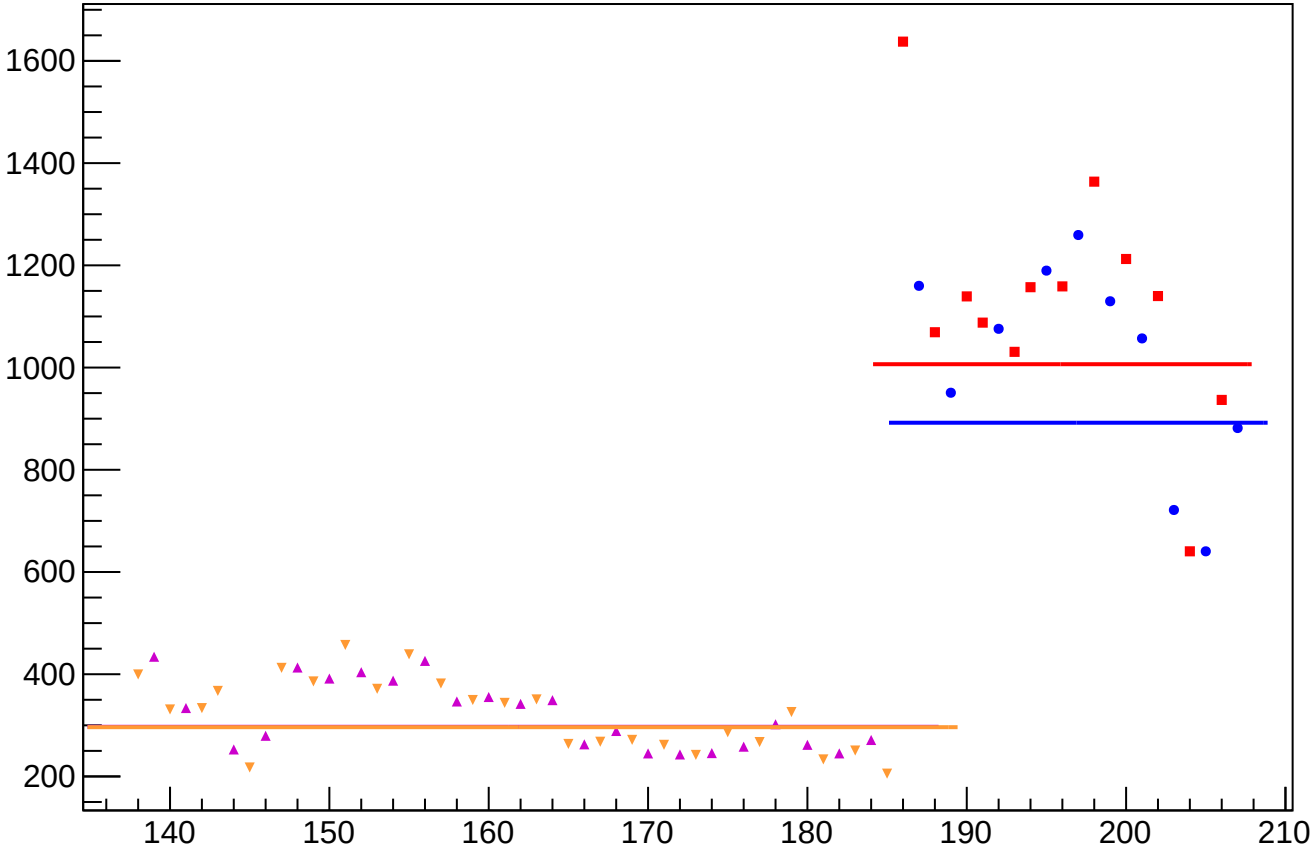
Left In: -10.801+/-72.300 χ^2/NDF:30.2/22

+ sign 197.900+/-69.580 χ^2/NDF: 59.5/34

All: 106.638+/-49.683 χ^2/NDF: 106.9/69

- sign 11.705+/-70.966 χ^2/NDF: 43.9/34

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 892.064+/-0.250 χ^2/NDF: 730826.1/9

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1006.564+/-0.262 χ^2/NDF: 889986.2/11

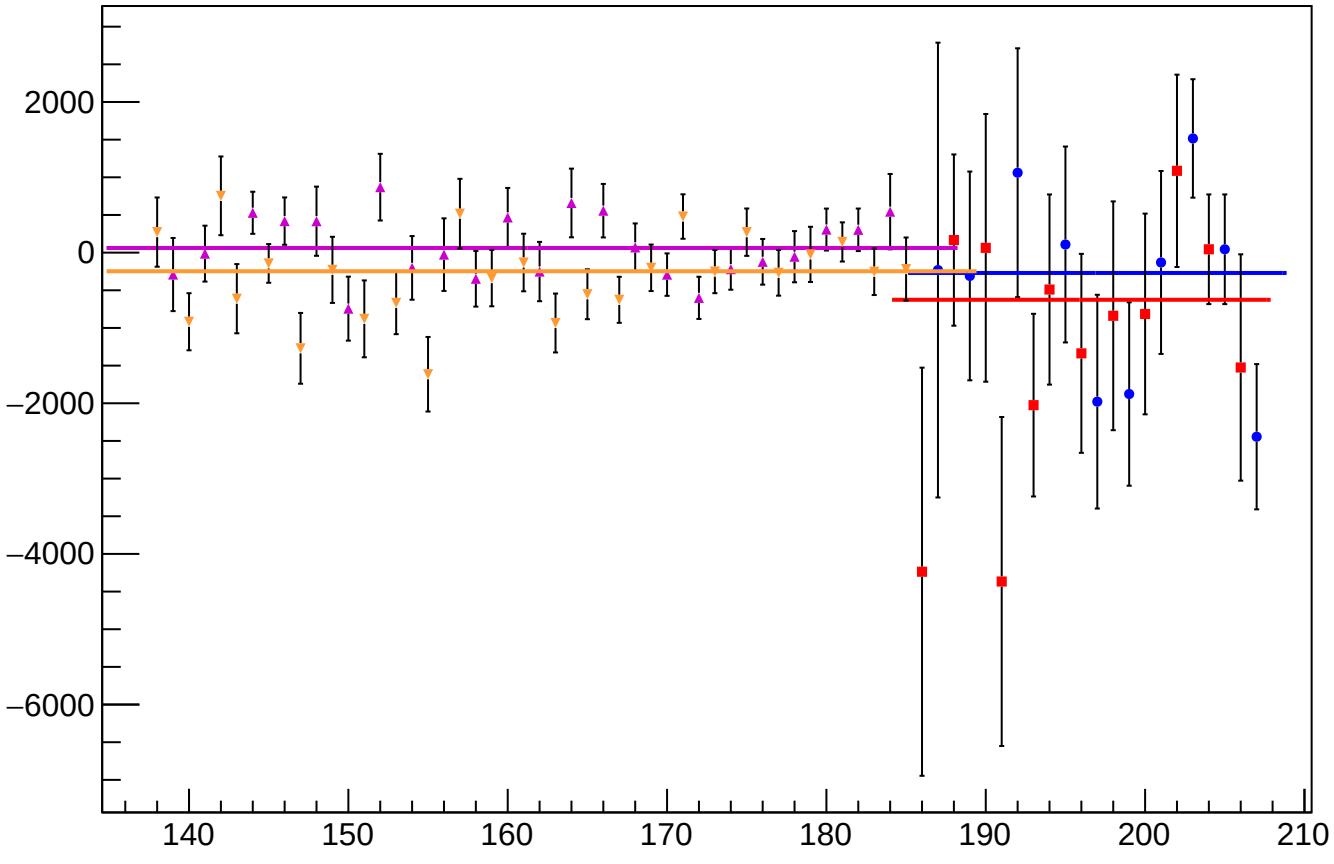
Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

+ sign 319.450+/-0.049 χ^2/NDF: 7822694.7/34

All: 321.231+/-0.035 χ^2/NDF: 17078638.1/69

- sign 323.083+/-0.050 χ^2/NDF: 9253271.0/34

asym_sam_15_37_dd_mean vs Slug



Right In: -269.892+/-353.185 χ^2/NDF: 14.4/9

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: -625.932+/-371.208 χ^2/NDF: 10.0/11

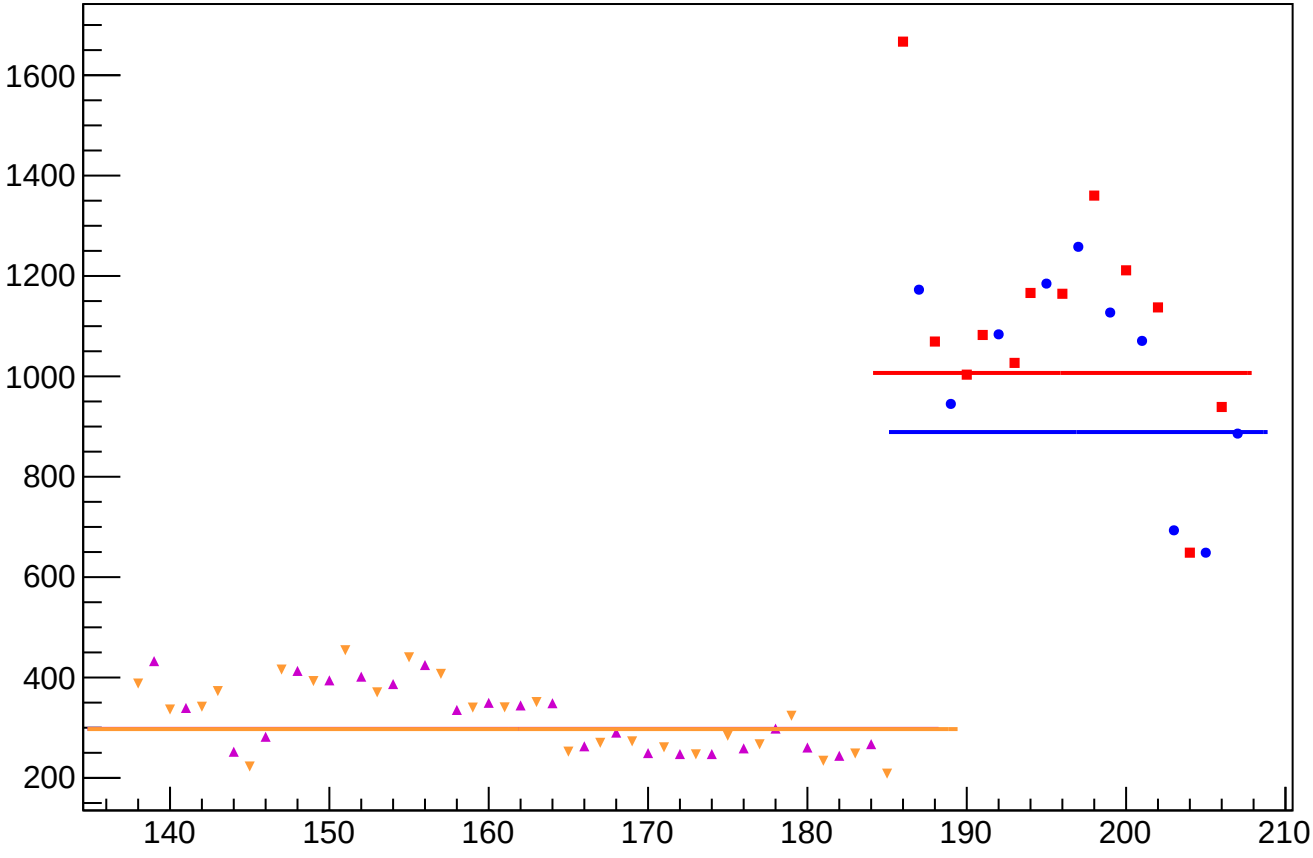
Left In: 61.707+/-72.478 χ^2/NDF:30.3/22

+ sign -247.998+/-69.813 χ^2/NDF: 57.9/34

All: -108.438+/-49.826 χ^2/NDF: 109.8/69

- sign 36.455+/-71.134 χ^2/NDF: 43.7/34

asym_sam_15_37_dd_rms vs Slug



Right In: 889.066+/-0.250 χ^2/NDF: 750609.8/9

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1006.795+/-0.262 χ^2/NDF: 852296.1/11

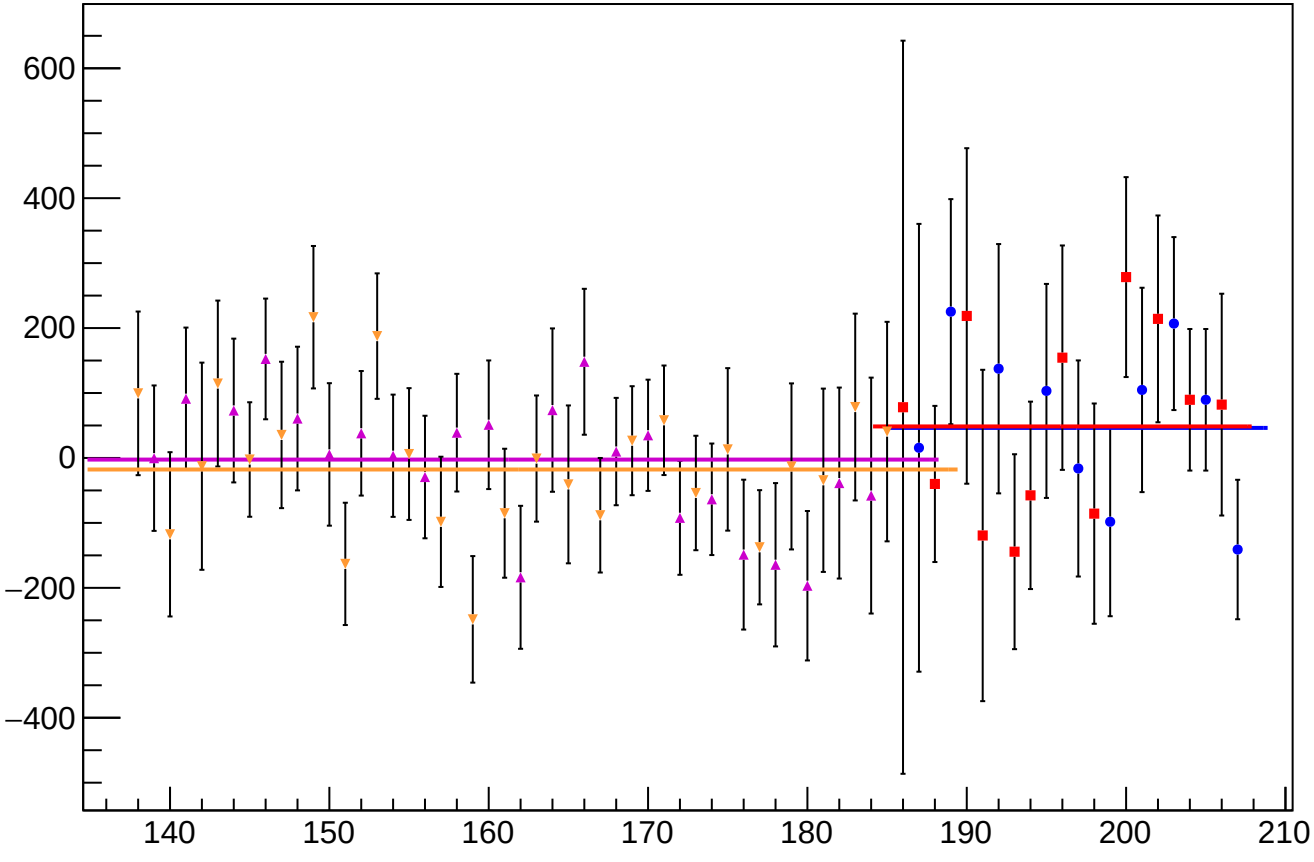
Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

+ sign 320.395+/-0.049 χ^2/NDF: 7774335.9/34

All: 322.034+/-0.035 χ^2/NDF: 16933578.9/69

- sign 323.736+/-0.050 χ^2/NDF: 9156996.7/34

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 46.279+/-46.787 χ^2/NDF: 7.3/9

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 48.534+/-46.447 χ^2/NDF: 8.1/11

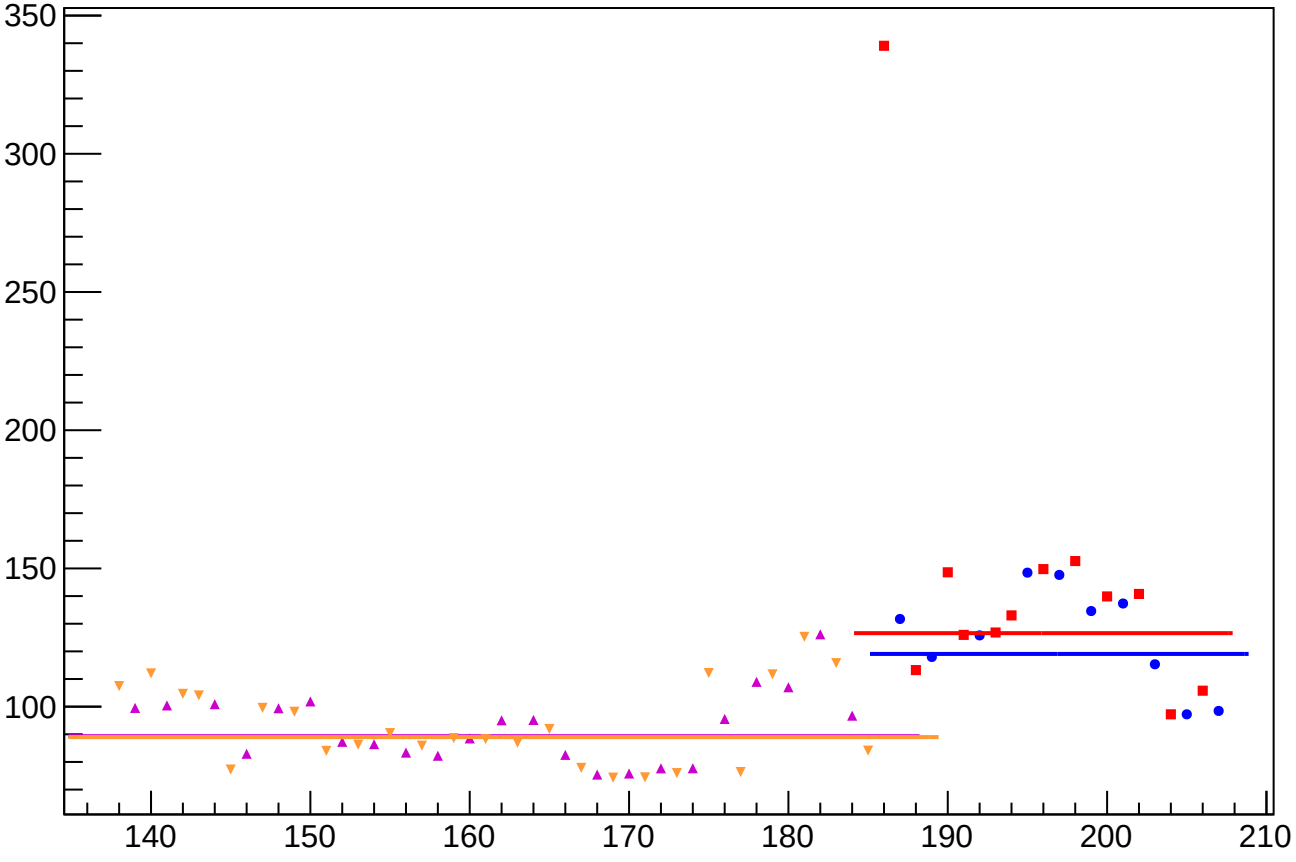
Left In: -2.505+/-21.582 χ^2/NDF:18.0/22

+ sign -6.922+/-19.250 χ^2/NDF: 34.4/34

All: -0.294+/-13.725 χ^2/NDF: 61.7/69

- sign 6.558+/-19.572 χ^2/NDF: 27.1/34

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 119.074+/-0.033 χ^2/NDF: 333243.3/9

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 126.591+/-0.033 χ^2/NDF: 615572.2/11

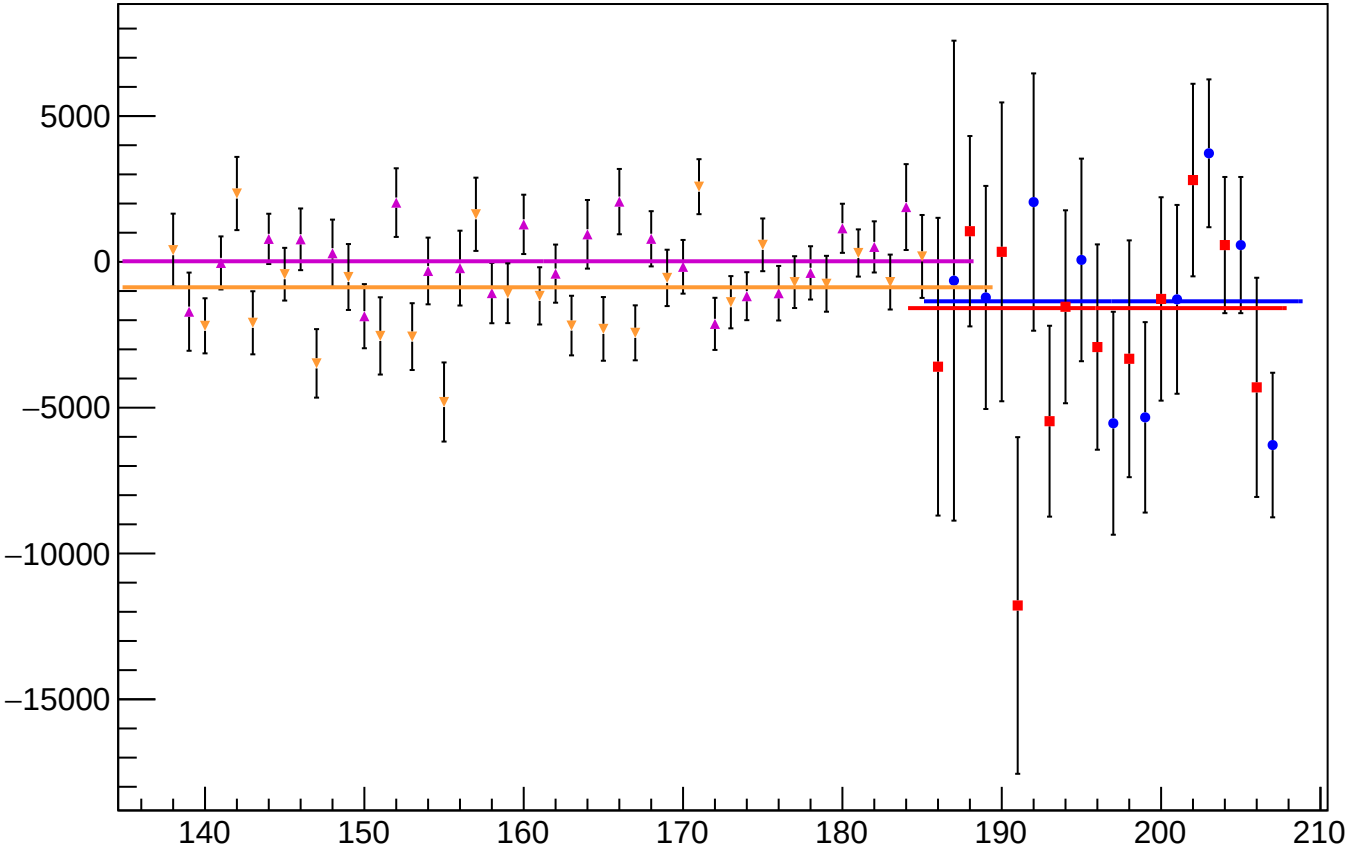
Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

+ sign 94.083+/-0.014 χ^2/NDF: 1827591.3/34

All: 94.996+/-0.010 χ^2/NDF: 4071805.6/69

- sign 95.939+/-0.014 χ^2/NDF: 2235073.5/34

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -1351.696+/-1011.859 χ^2/NDF: 12.1/9

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: -1585.925+/-1023.550 χ^2/NDF: 9.0/11

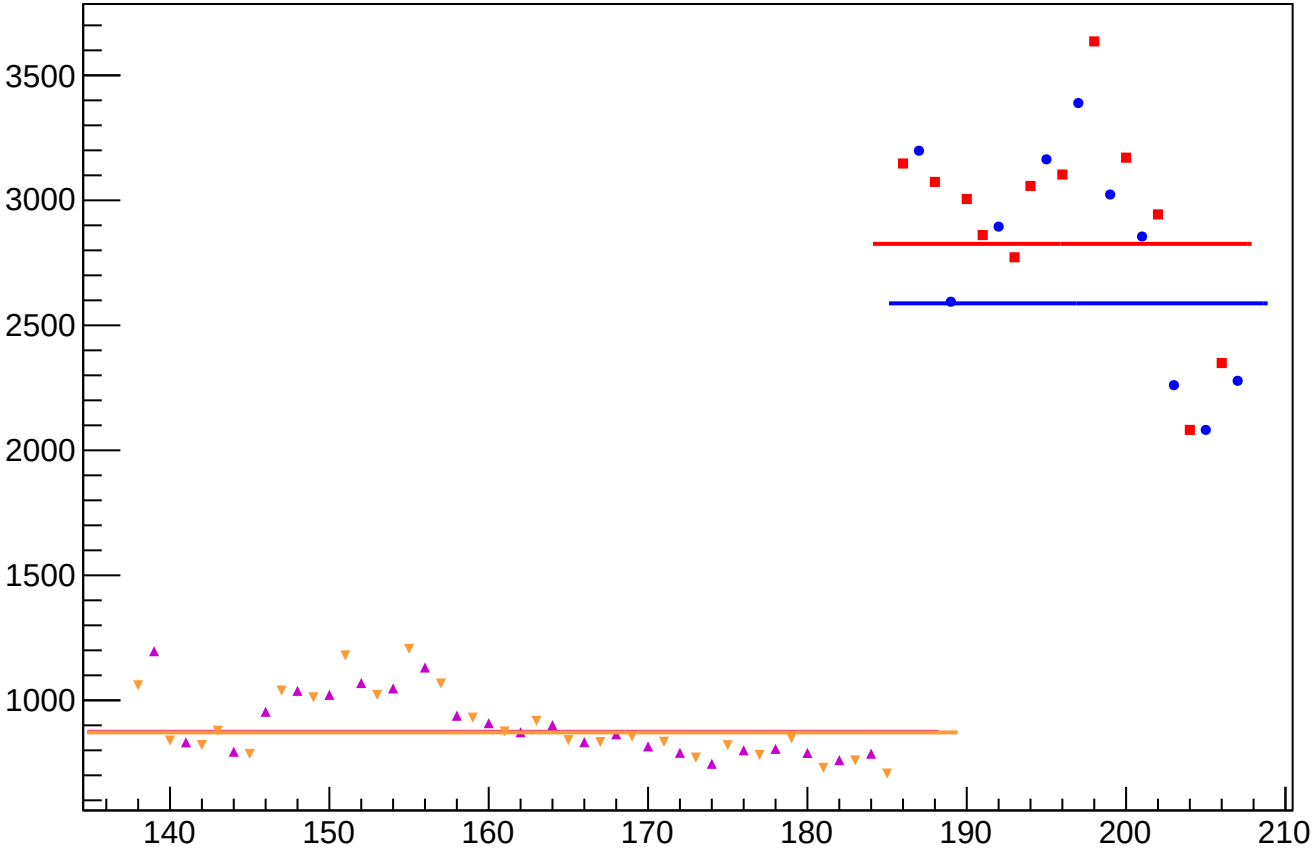
Left In: 20.573+/-210.177 χ^2/NDF:29.7/22

+ sign -890.187+/-201.846 χ^2/NDF: 70.0/34

All: -475.675+/-144.132 χ^2/NDF: 119.5/69

- sign -44.424+/-205.881 χ^2/NDF: 41.0/34

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2587.935+/-0.715 χ^2/NDF: 371300.1/9

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 2825.990+/-0.724 χ^2/NDF: 381703.1/11

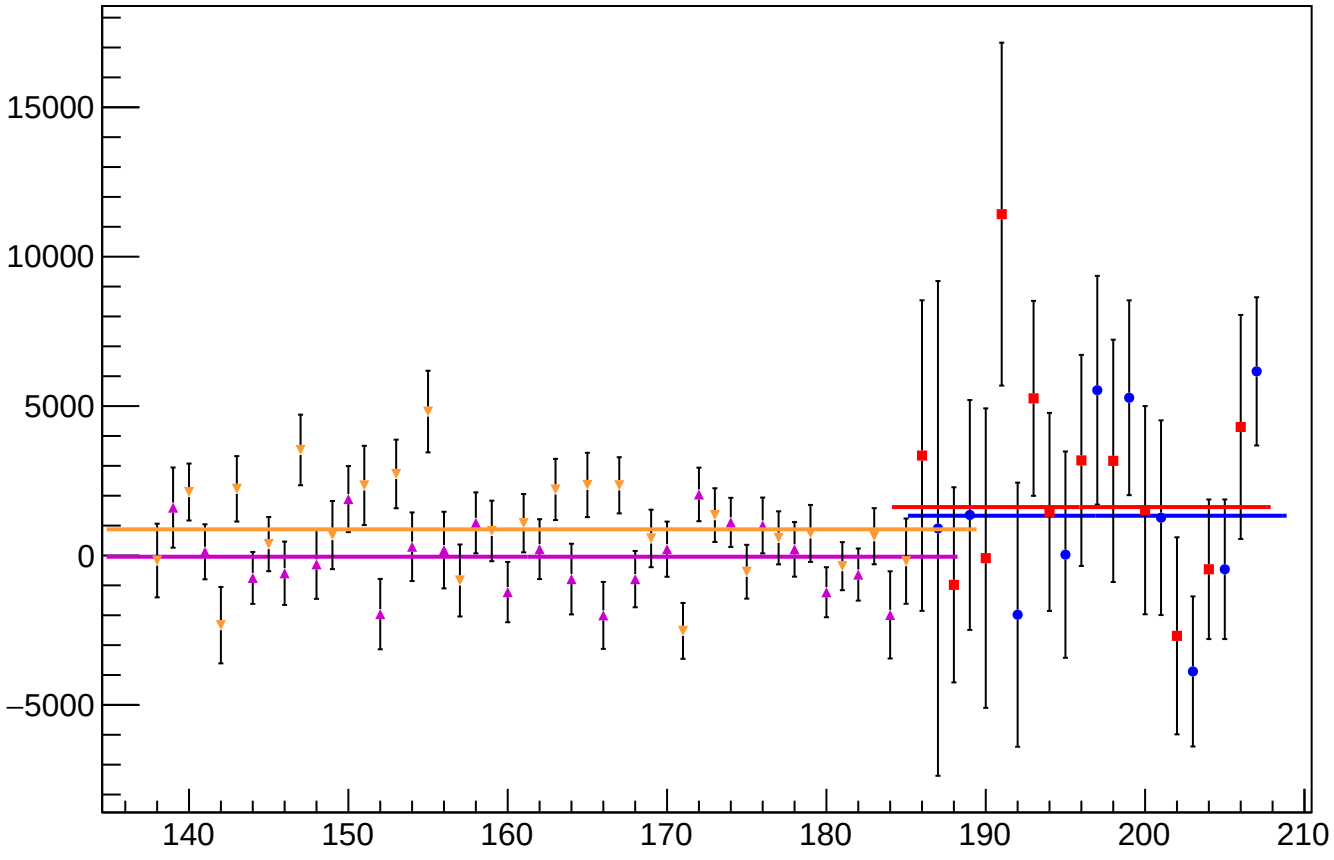
Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

+ sign 939.984+/-0.143 χ^2/NDF: 6538462.8/34

All: 946.377+/-0.102 χ^2/NDF: 14481972.0/69

- sign 953.029+/-0.146 χ^2/NDF: 7939415.0/34

asym_sam_24_68_dd_mean vs Slug



Right In: 1330.365+/-1011.046 χ^2/NDF: 12.1/9

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: 1621.112+/-1022.839 χ^2/NDF: 8.4/11

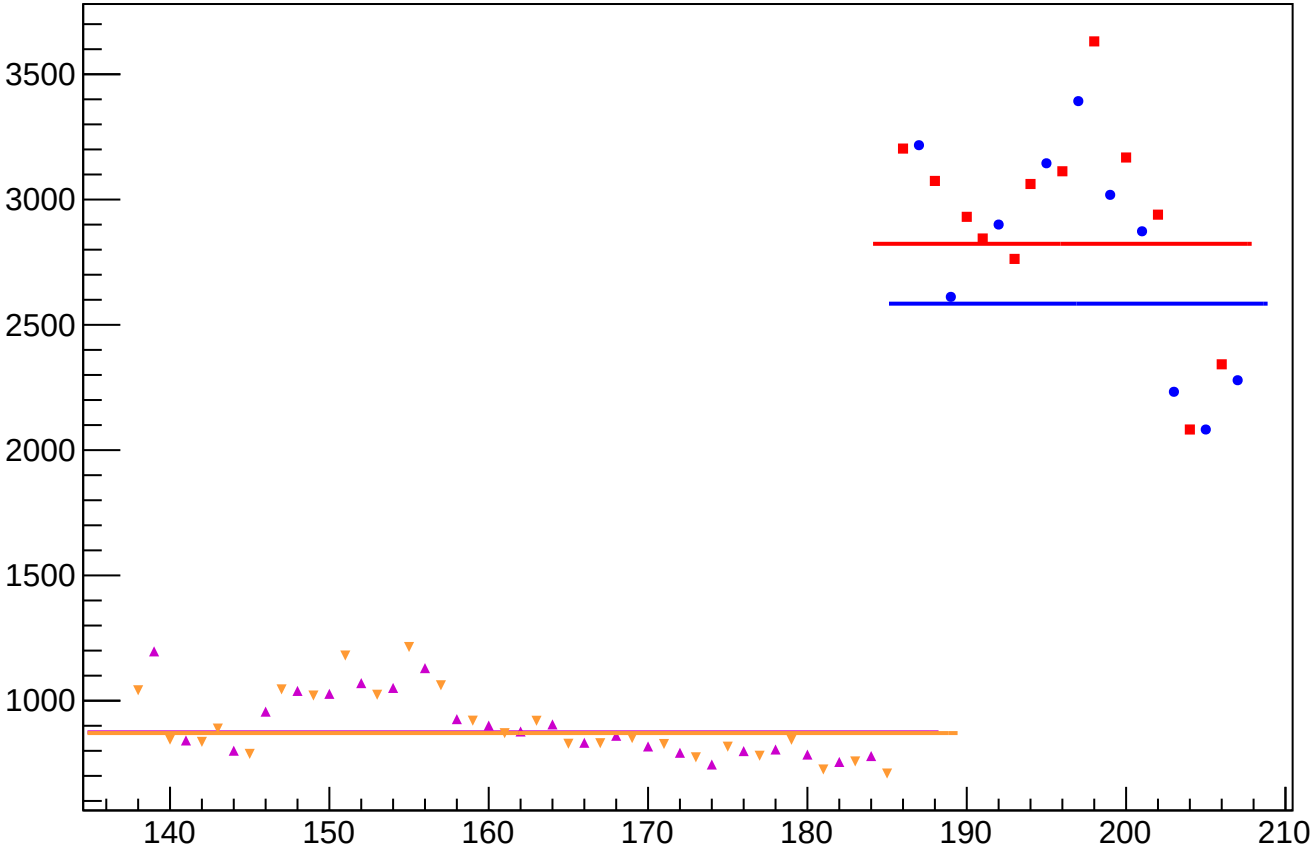
Left In: -41.523+/-210.209 χ^2/NDF:28.1/22

+ sign 893.158+/-201.450 χ^2/NDF: 67.3/34

All: 468.991+/-143.996 χ^2/NDF: 115.5/69

- sign 25.855+/-205.905 χ^2/NDF: 39.1/34

asym_sam_24_68_dd_rms vs Slug



Right In: 2584.528+/-0.715 χ^2/NDF: 377079.0/9

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 2823.396+/-0.723 χ^2/NDF: 383589.7/11

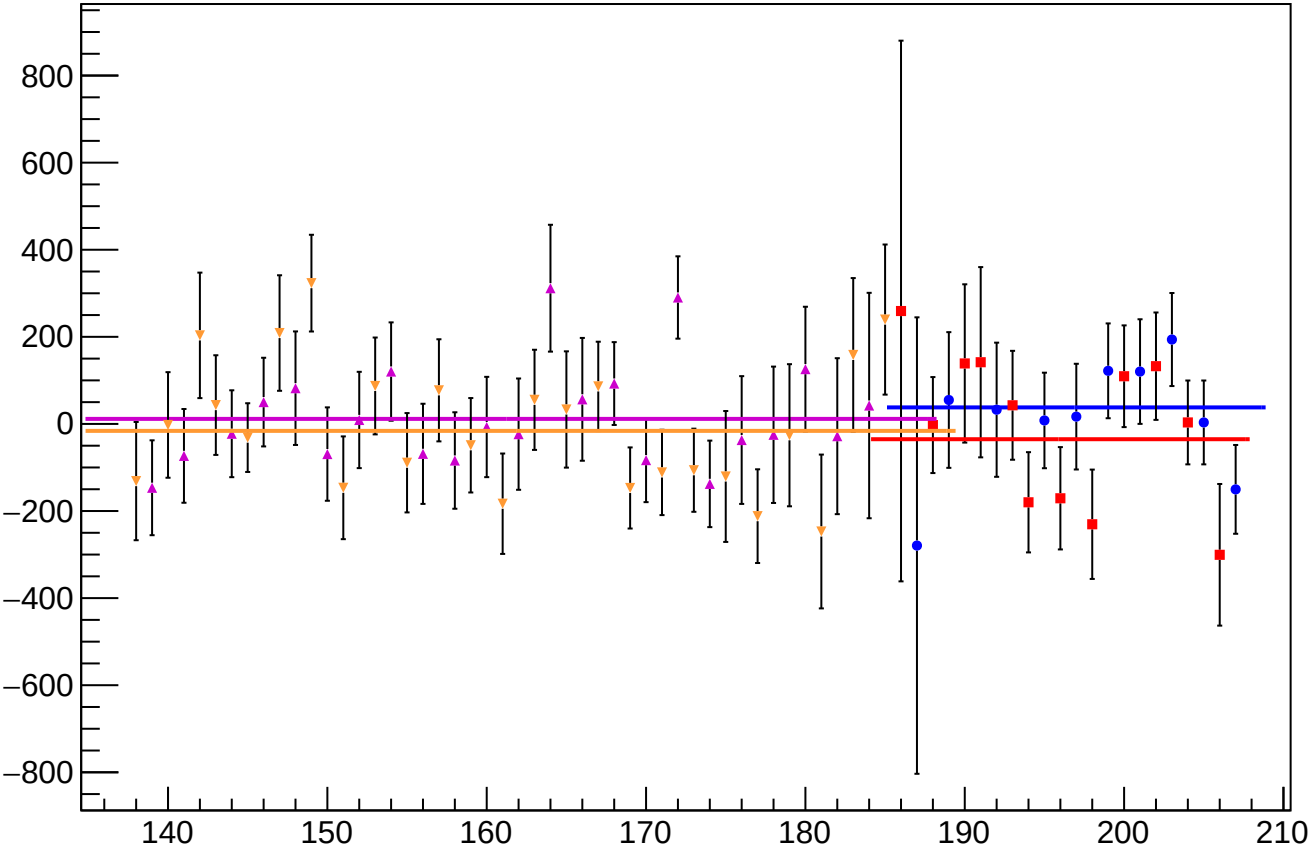
Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

+ sign 938.886+/-0.142 χ^2/NDF: 6546501.4/34

All: 945.742+/-0.102 χ^2/NDF: 14489135.9/69

- sign 952.905+/-0.146 χ^2/NDF: 7937897.8/34

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 37.941+/-38.254 χ^2/NDF: 7.2/9

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: -35.113+/-37.898 χ^2/NDF: 13.8/11

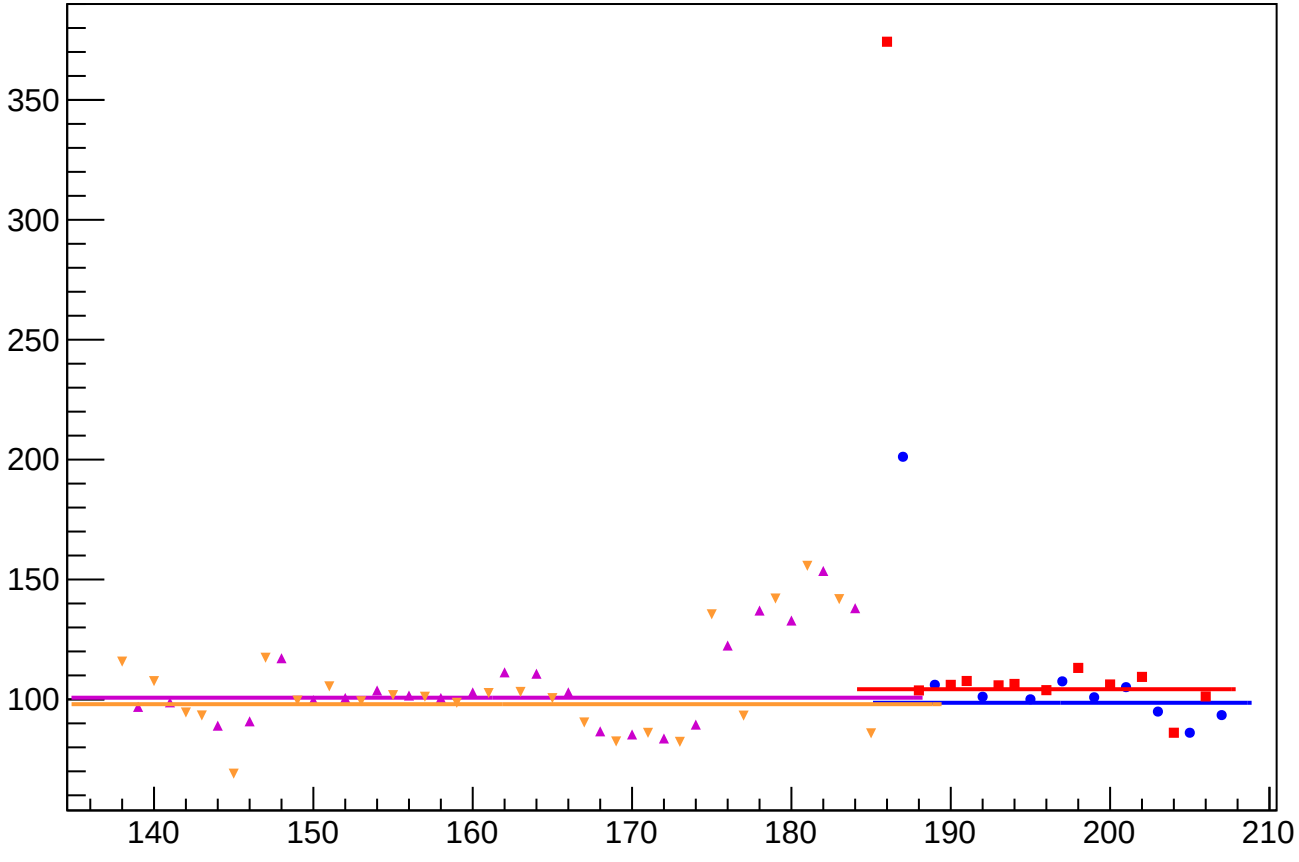
Left In: 11.570+/-24.412 χ^2/NDF:24.0/22

+ sign -1.301+/-19.947 χ^2/NDF: 43.6/34

All: -1.698+/-14.304 χ^2/NDF: 82.4/69

- sign -2.120+/-20.523 χ^2/NDF: 38.9/34

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 98.586+/-0.027 χ^2/NDF: 140941.2/9

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 104.245+/-0.027 χ^2/NDF: 466047.3/11

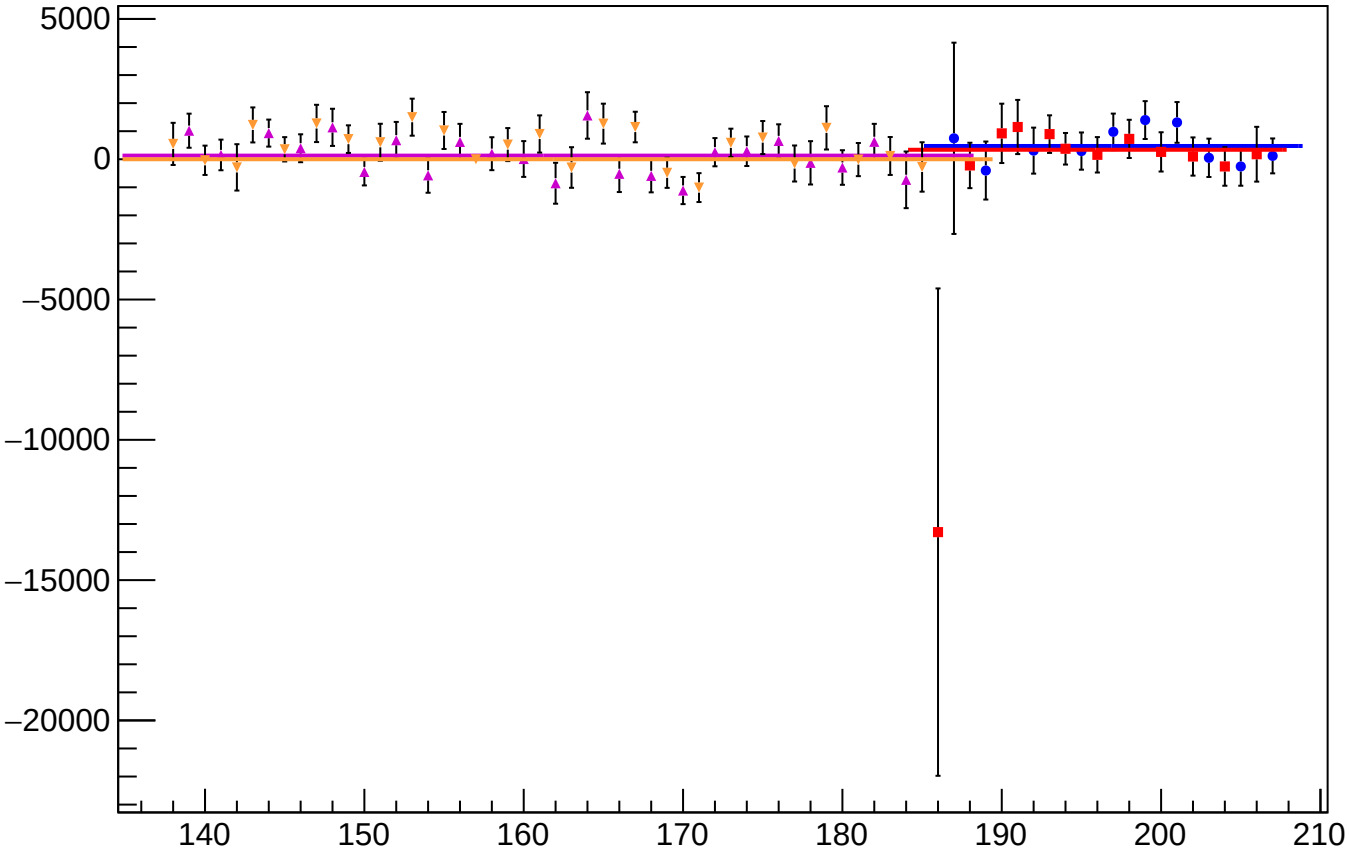
Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

+ sign 98.160+/-0.014 χ^2/NDF: 1296302.7/34

All: 99.900+/-0.010 χ^2/NDF: 2565946.6/69

- sign 101.742+/-0.015 χ^2/NDF: 1238314.0/34

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 472.641+/-235.126 χ^2/NDF: 6.5/9

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: 337.857+/-218.606 χ^2/NDF: 6.0/11

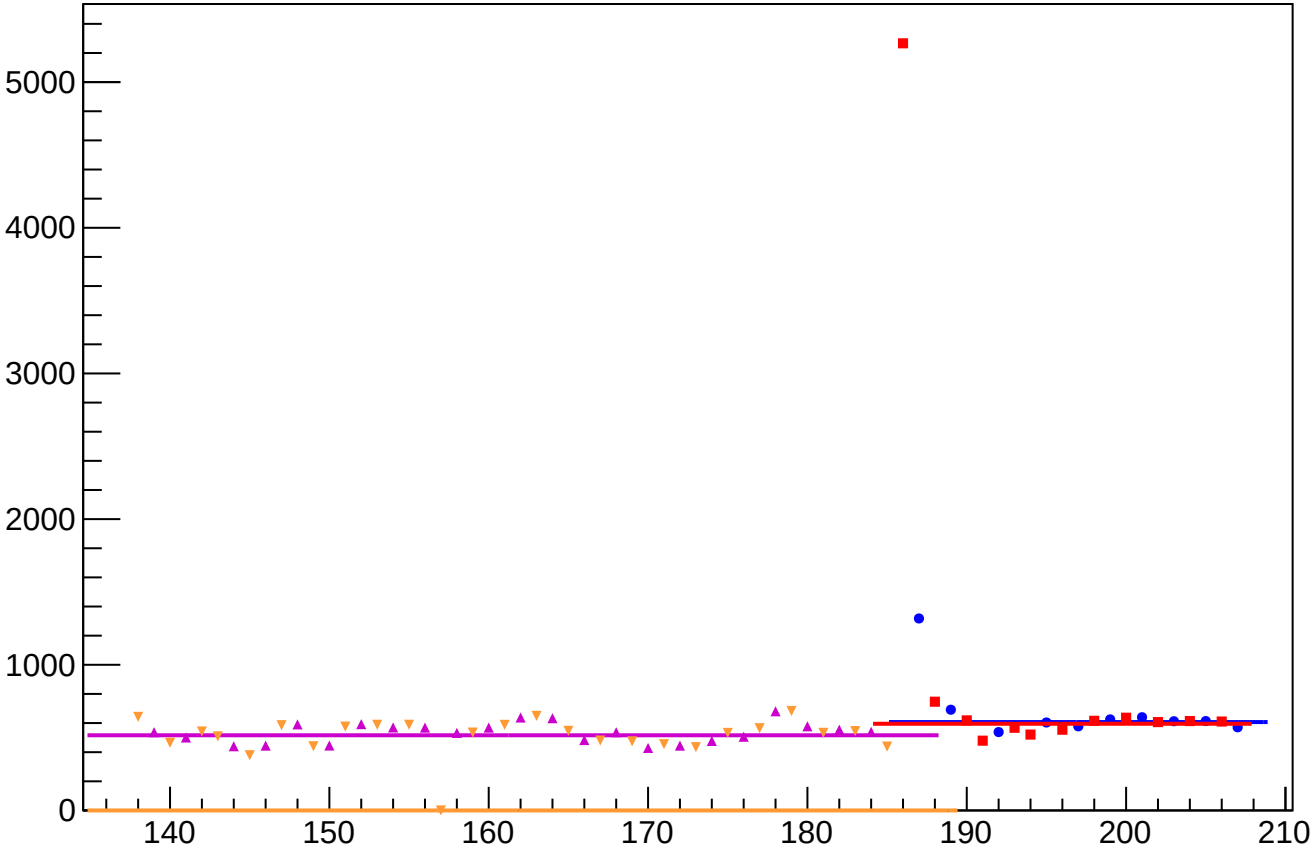
Left In: 129.094+/-124.247 χ^2/NDF:28.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 50.4/34

All: -0.000+/-0.000 χ^2/NDF: 88.1/69

- sign 180.066+/-108.019 χ^2/NDF: 35.0/34

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 606.780+/-0.166 χ^2/NDF: 131246.6/9

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 595.165+/-0.155 χ^2/NDF: 736447.9/11

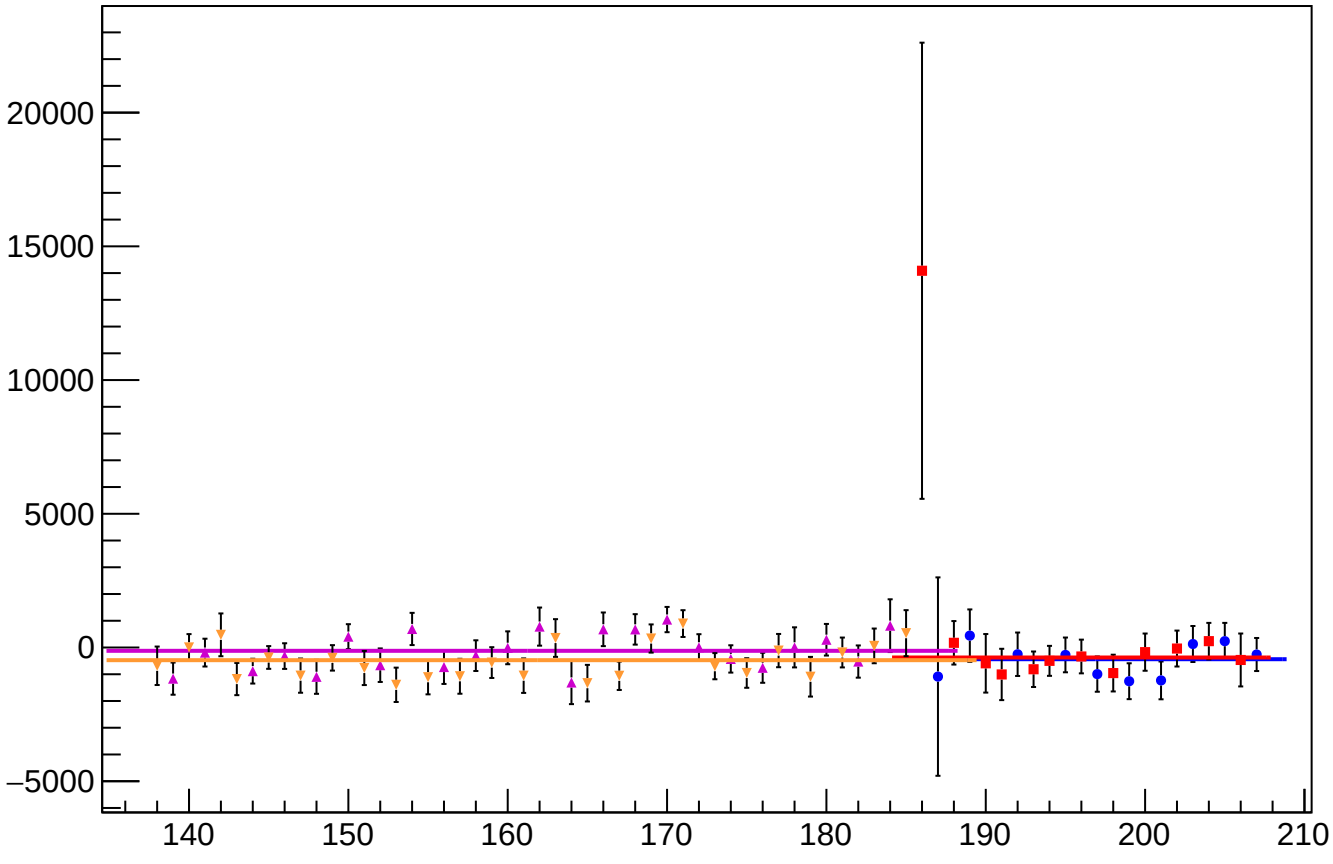
Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 48424944.1/34

All: 0.000+/-0.000 χ^2/NDF: 99068969.6/69

- sign 535.420+/-0.076 χ^2/NDF: 1505838.0/34

asym_sam_26_48_dd_mean vs Slug



Right In: -437.776+/-232.530 χ^2/NDF: 6.2/9

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: -373.932+/-218.307 χ^2/NDF: 6.2/11

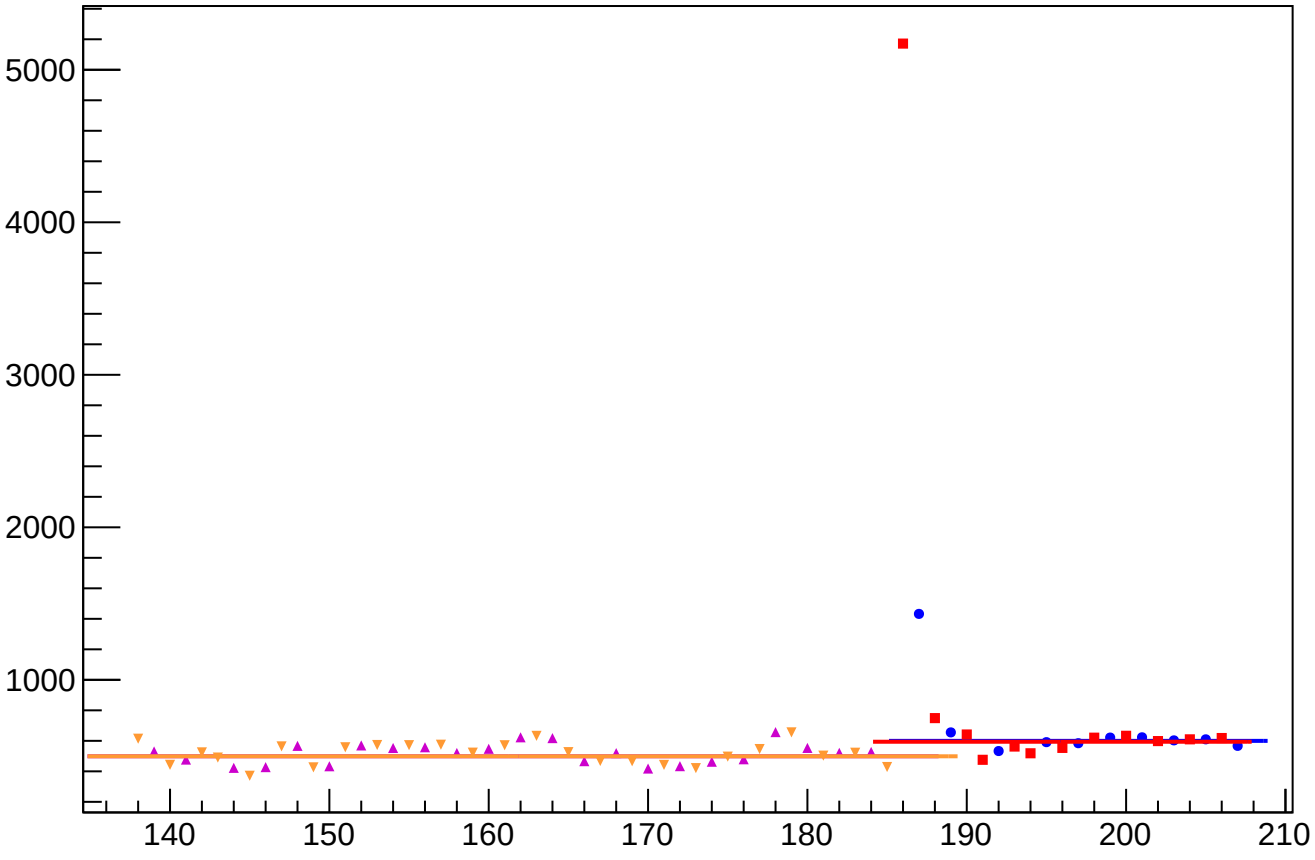
Left In: -124.022+/-120.216 χ^2/NDF:30.2/22

+ sign -466.481+/-105.210 χ^2/NDF: 34.2/34

All: -324.454+/-74.428 χ^2/NDF: 75.1/69

- sign -182.172+/-105.305 χ^2/NDF: 37.3/34

asym_sam_26_48_dd_rms vs Slug



Right In: 599.798+/-0.164 χ^2/NDF: 132442.2/9

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 594.087+/-0.154 χ^2/NDF: 743833.2/11

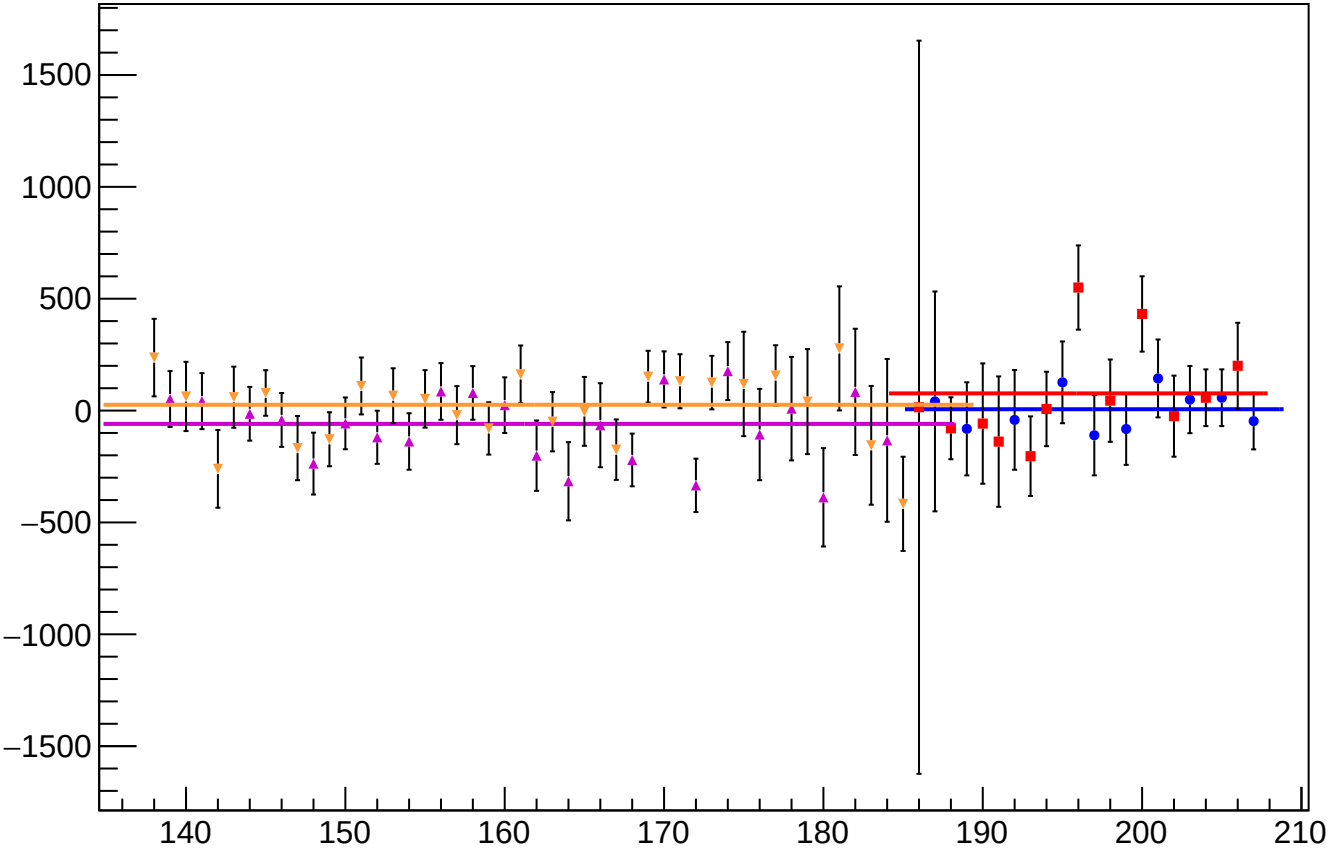
Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

+ sign 519.367+/-0.074 χ^2/NDF: 1167981.7/34

All: 520.182+/-0.053 χ^2/NDF: 2776547.2/69

- sign 520.998+/-0.074 χ^2/NDF: 1608325.2/34

dit_asym_sam_1548_avg_mean vs Slug



Right In: 6.070+/-53.480 χ^2/NDF: 2.4/9

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: 76.854+/-52.804 χ^2/NDF: 16.3/11

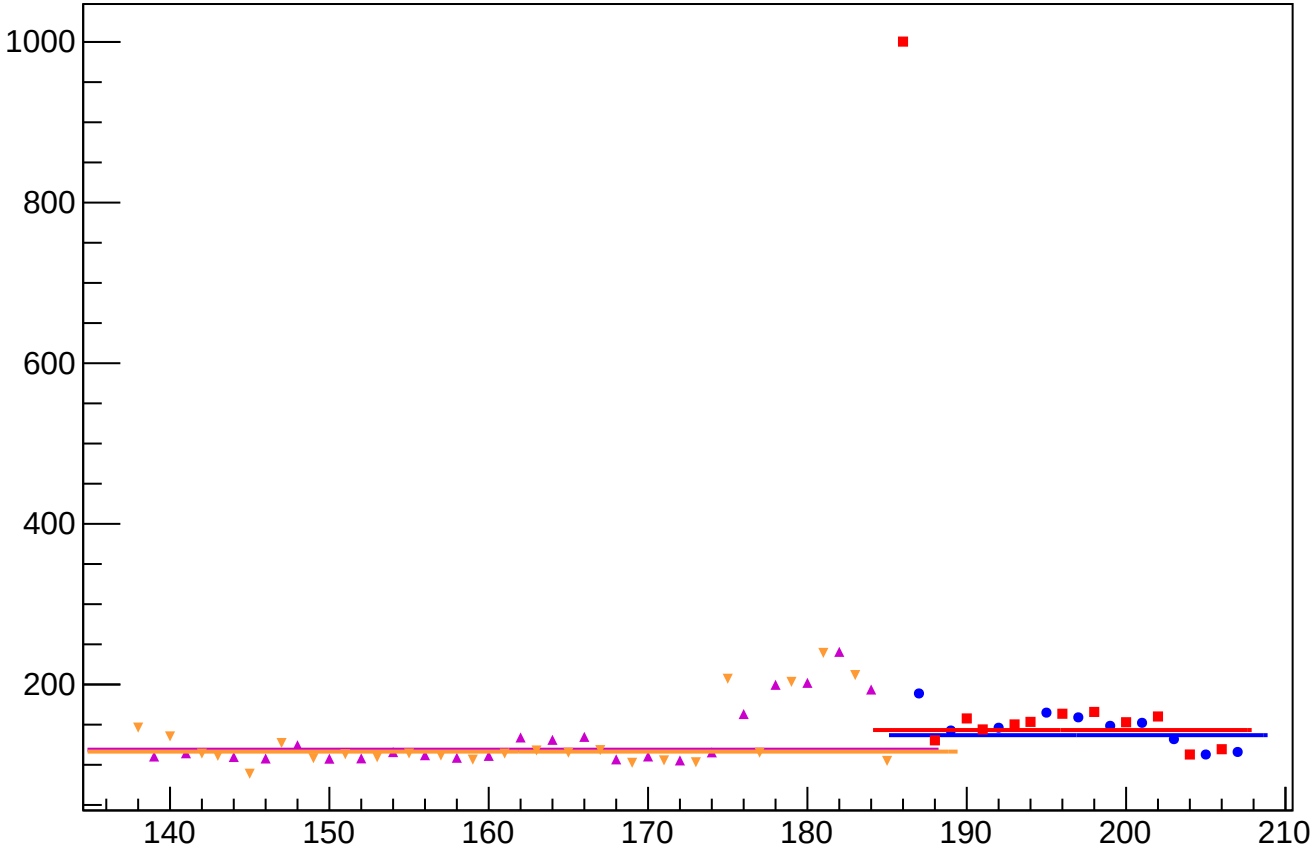
Left In: -59.603+/-29.184 χ^2/NDF:25.6/22

+ sign 21.636+/-24.889 χ^2/NDF: 25.2/34

All: -2.381+/-17.826 χ^2/NDF: 74.2/69

- sign -27.675+/-25.542 χ^2/NDF: 47.0/34

dit_asym_sam_1548_avg_rms vs Slug



Right In: 136.891+/-0.038 χ^2/NDF: 260244.7/9

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 143.289+/-0.037 χ^2/NDF: 804465.7/11

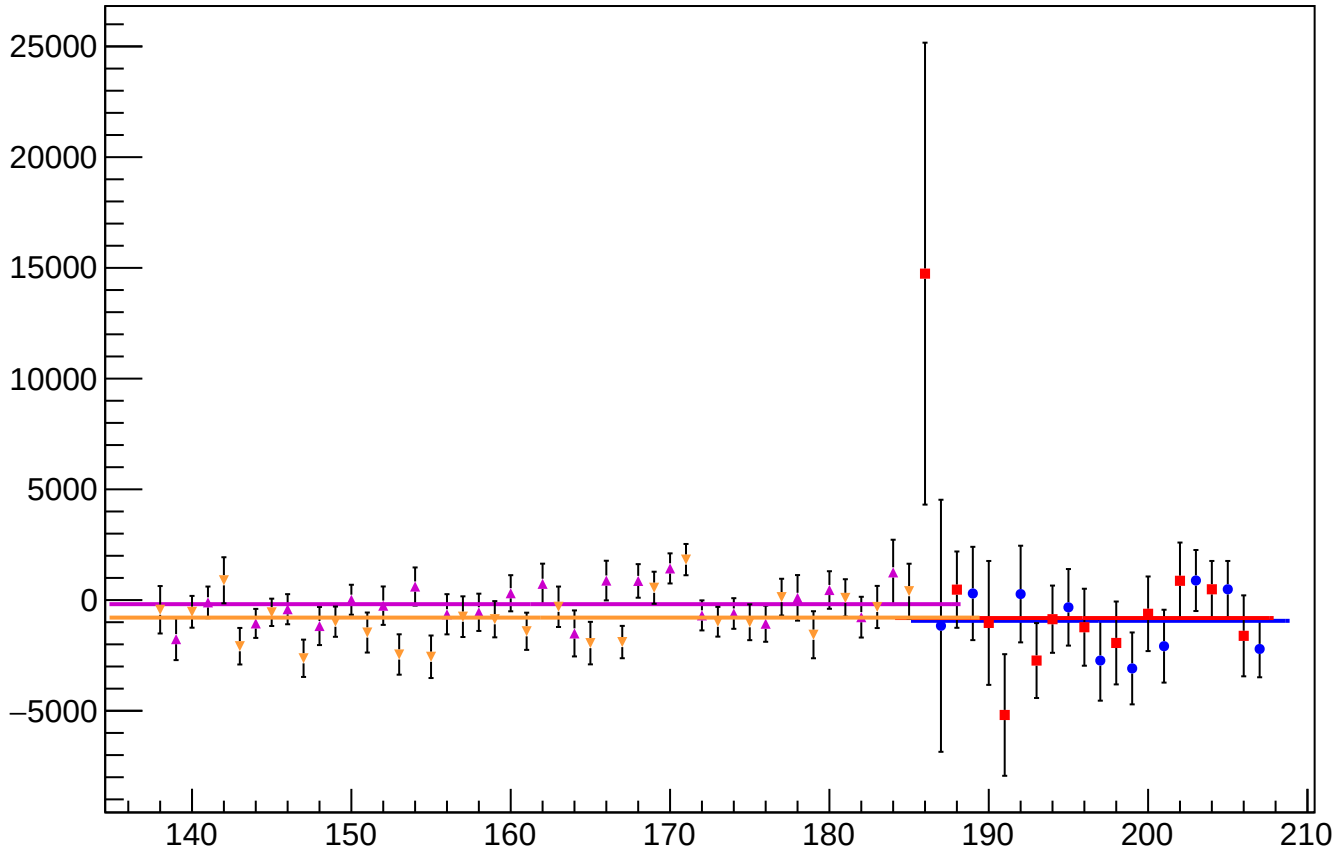
Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

+ sign 120.860+/-0.018 χ^2/NDF: 2079328.4/34

All: 122.656+/-0.013 χ^2/NDF: 4523284.5/69

- sign 124.547+/-0.018 χ^2/NDF: 2422579.4/34

asym_sam_1548_avg_correction_mean vs Slug



Right In: -937.600+/-526.798 χ^2/NDF: 8.0/9

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: -811.964+/-526.684 χ^2/NDF: 9.2/11

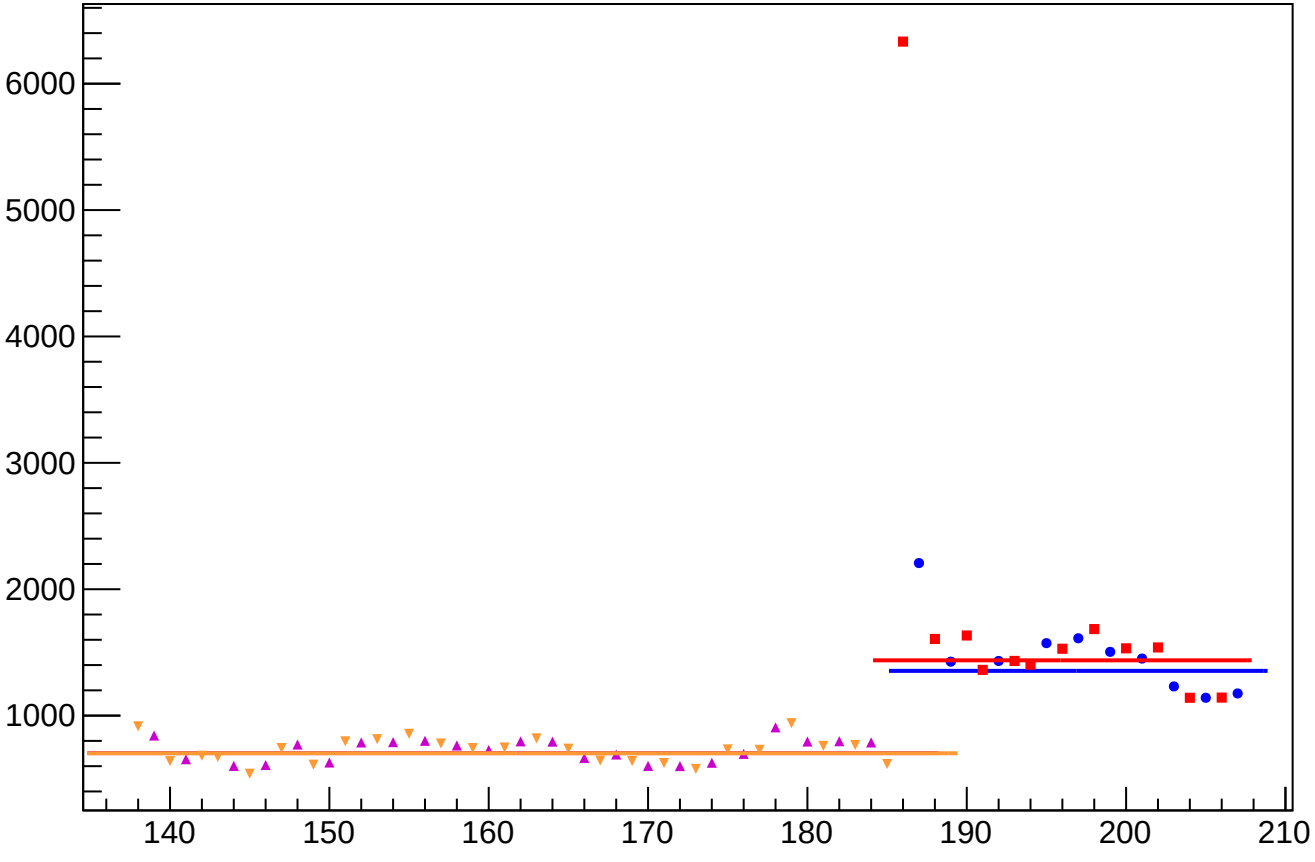
Left In: -185.191+/-169.174 χ^2/NDF:23.4/22

+ sign -805.113+/-158.300 χ^2/NDF: 51.6/34

All: -529.328+/-112.901 χ^2/NDF: 91.7/69

- sign -243.809+/-161.069 χ^2/NDF: 33.9/34

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1354.092+/-0.373 χ^2/NDF: 257055.5/9

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1437.476+/-0.372 χ^2/NDF: 685437.6/11

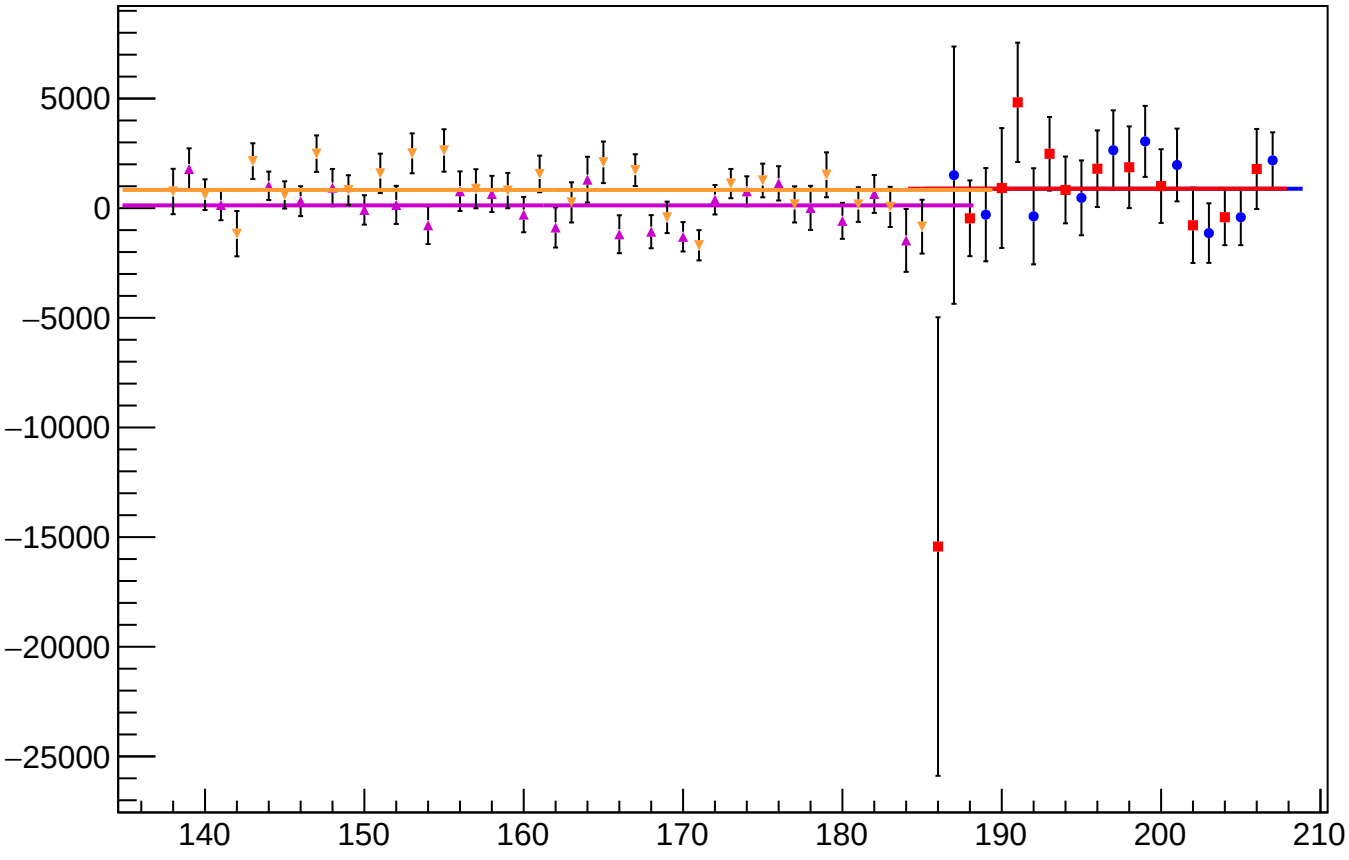
Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

+ sign 761.020+/-0.112 χ^2/NDF: 3735087.8/34

All: 766.579+/-0.080 χ^2/NDF: 8477975.5/69

- sign 772.335+/-0.114 χ^2/NDF: 4737867.6/34

asym_sam_1548_avg_mean vs Slug



Right In: 886.694+/-525.752 χ^2/NDF: 8.1/9

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: 889.089+/-525.417 χ^2/NDF: 8.8/11

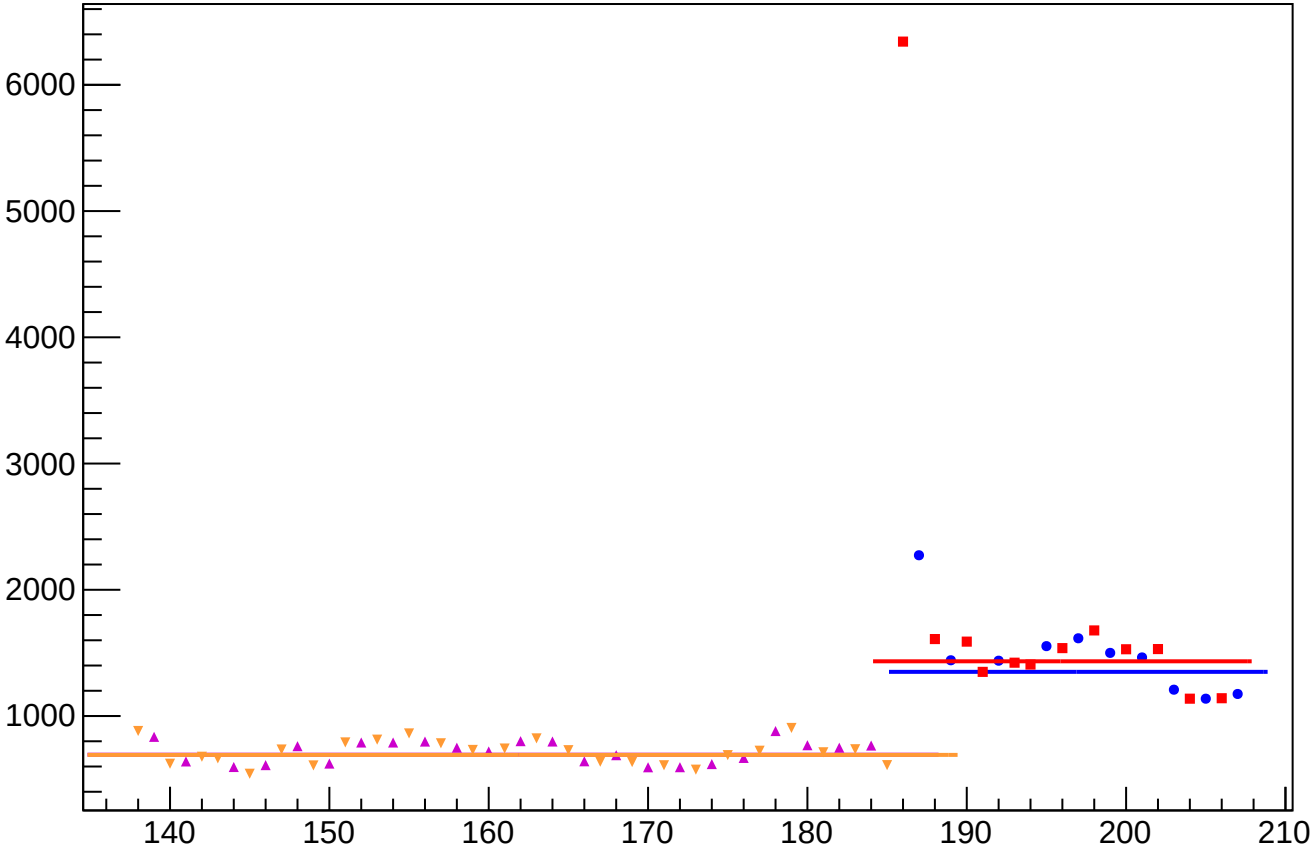
Left In: 128.120+/-166.866 χ^2/NDF:25.3/22

+ sign 837.324+/-156.062 χ^2/NDF: 51.9/34

All: 523.621+/-111.390 χ^2/NDF: 96.2/69

- sign 197.840+/-159.038 χ^2/NDF: 36.0/34

asym_sam_1548_avg_rms vs Slug



Right In: 1349.964+/-0.372 χ^2/NDF: 269310.9/9

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1433.437+/-0.372 χ^2/NDF: 684328.2/11

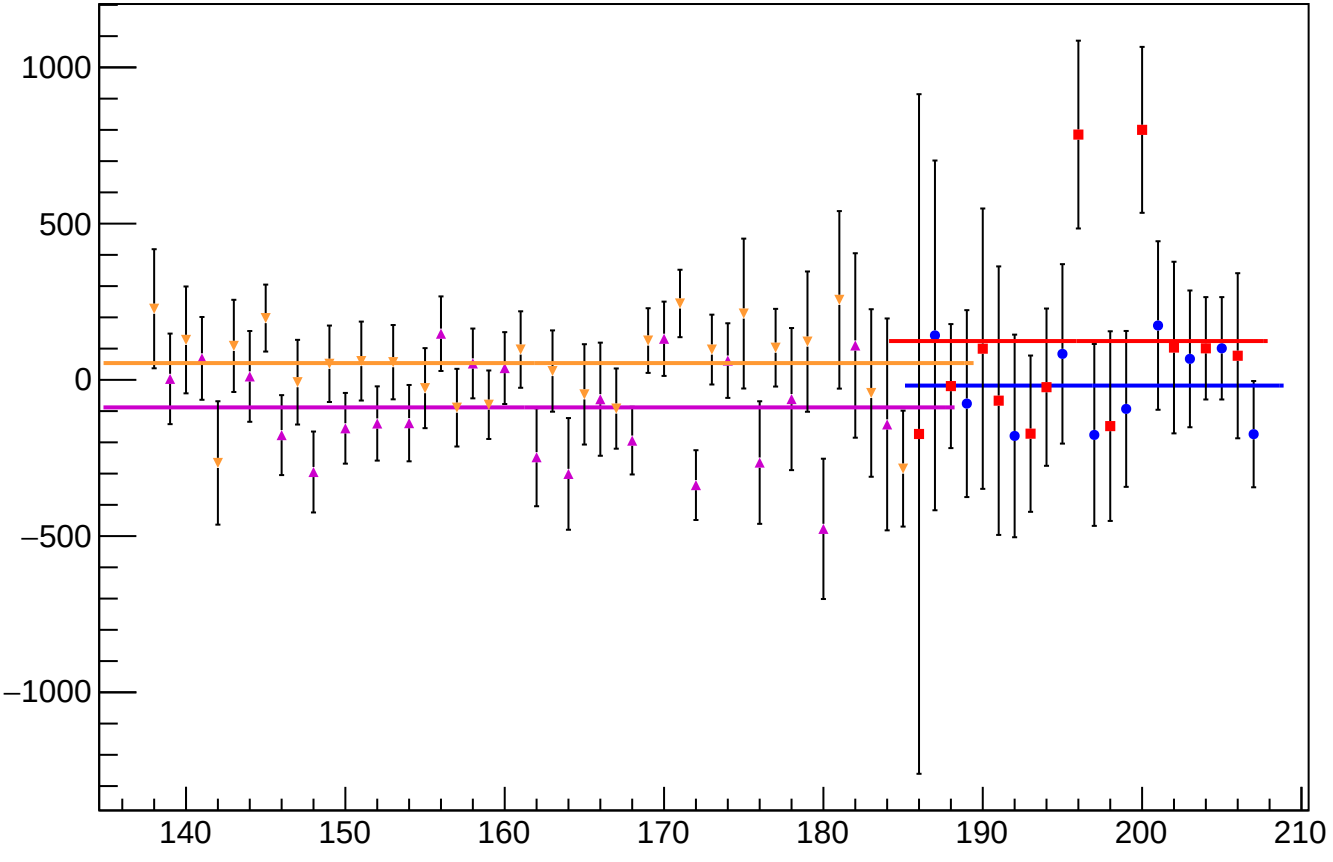
Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

+ sign 750.039+/-0.110 χ^2/NDF: 3782701.2/34

All: 755.611+/-0.079 χ^2/NDF: 8594922.9/69

- sign 761.398+/-0.112 χ^2/NDF: 4807023.5/34

dit_asym_sam_3748_avg_mean vs Slug



Right In: -18.304+/-76.616 χ^2/NDF: 2.9/9

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 124.182+/-76.843 χ^2/NDF: 14.7/11

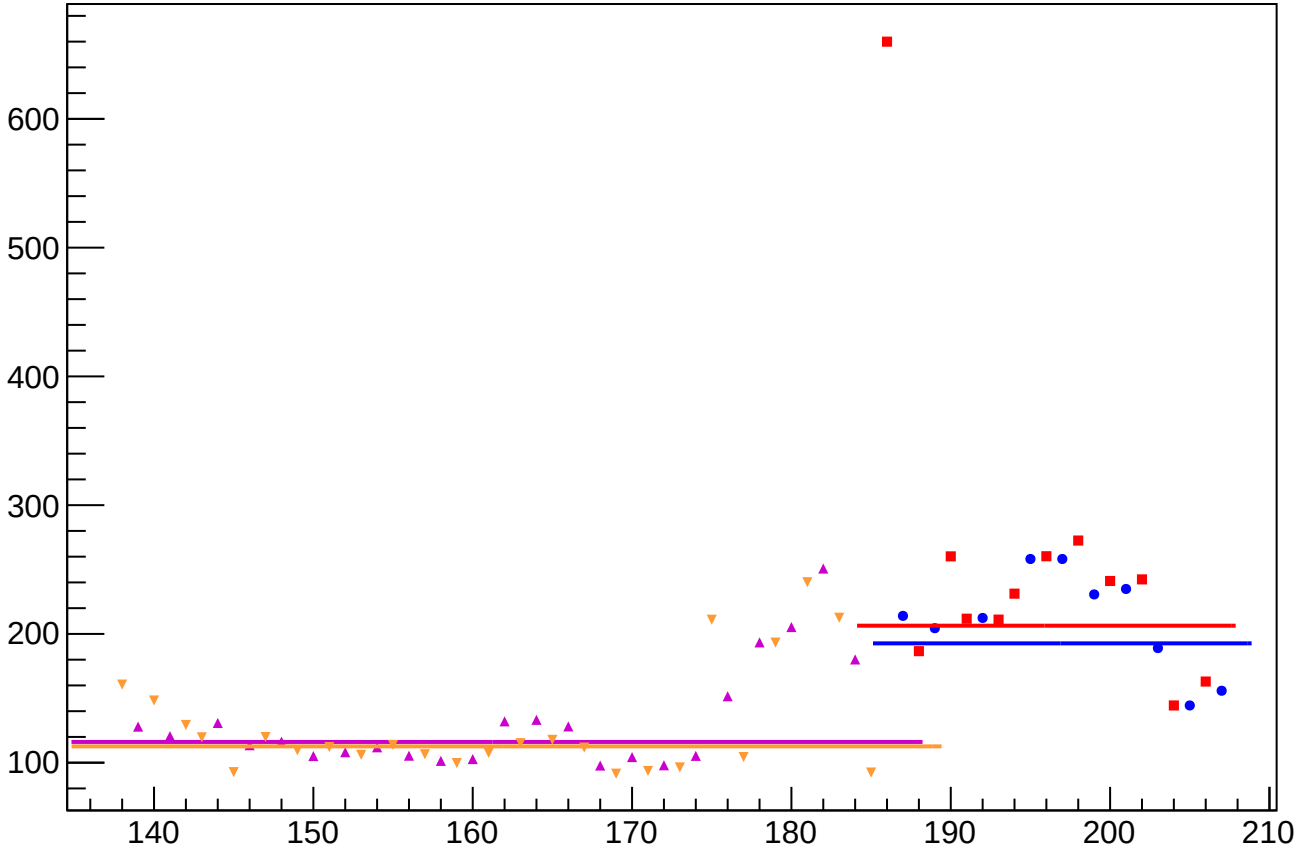
Left In: -88.085+/-28.764 χ^2/NDF:30.4/22

+ sign 45.503+/-25.851 χ^2/NDF: 22.9/34

All: -6.035+/-18.652 χ^2/NDF: 83.0/69

- sign -61.998+/-26.938 χ^2/NDF: 51.8/34

dit_asym_sam_3748_avg_rms vs Slug



Right In: 192.674+/-0.054 χ^2/NDF: 582001.0/9

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 206.398+/-0.054 χ^2/NDF: 984964.7/11

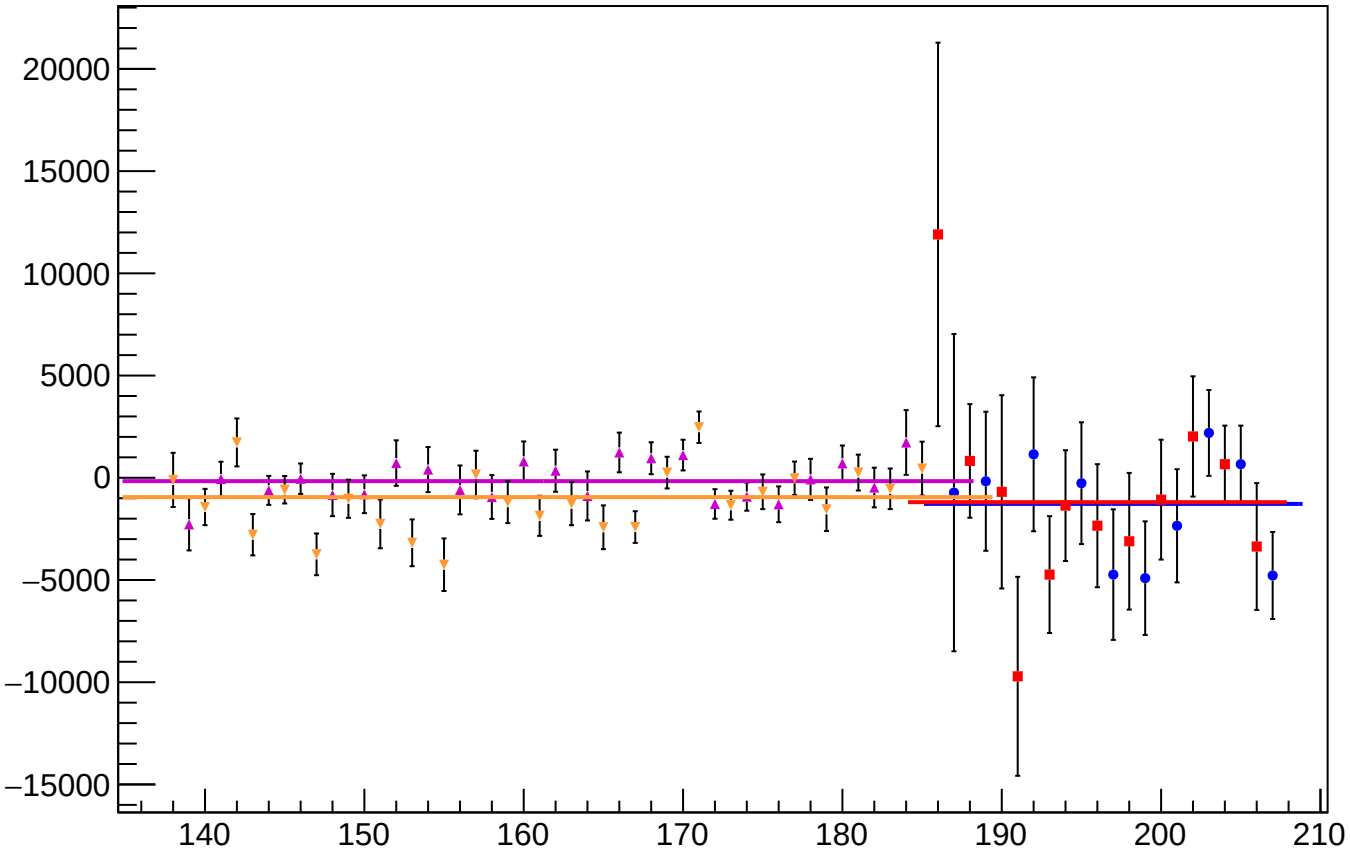
Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

+ sign 121.777+/-0.018 χ^2/NDF: 4366050.9/34

All: 124.379+/-0.013 χ^2/NDF: 9254087.8/69

- sign 127.204+/-0.019 χ^2/NDF: 4845774.3/34

asym_sam_3748_avg_correction_mean vs Slug



Right In: -1277.600+/-853.360 χ^2/NDF: 10.2/9

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: -1192.475+/-876.028 χ^2/NDF: 10.2/11

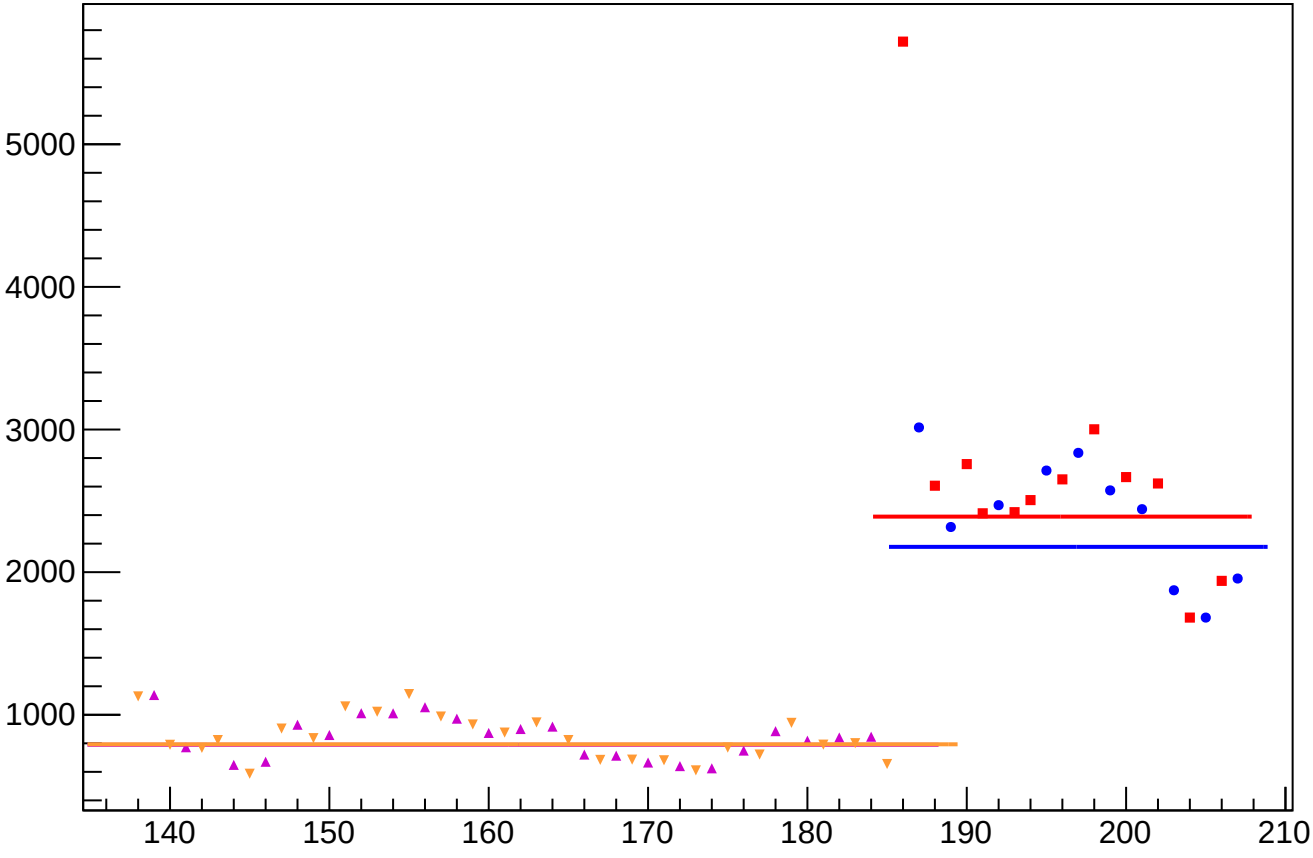
Left In: -164.202+/-191.131 χ^2/NDF:22.0/22

+ sign -961.846+/-184.220 χ^2/NDF: 73.6/34

All: -591.483+/-131.144 χ^2/NDF: 115.4/69

- sign -210.925+/-186.738 χ^2/NDF: 33.6/34

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2177.416+/-0.603 χ^2/NDF: 449190.3/9

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2389.450+/-0.619 χ^2/NDF: 716485.0/11

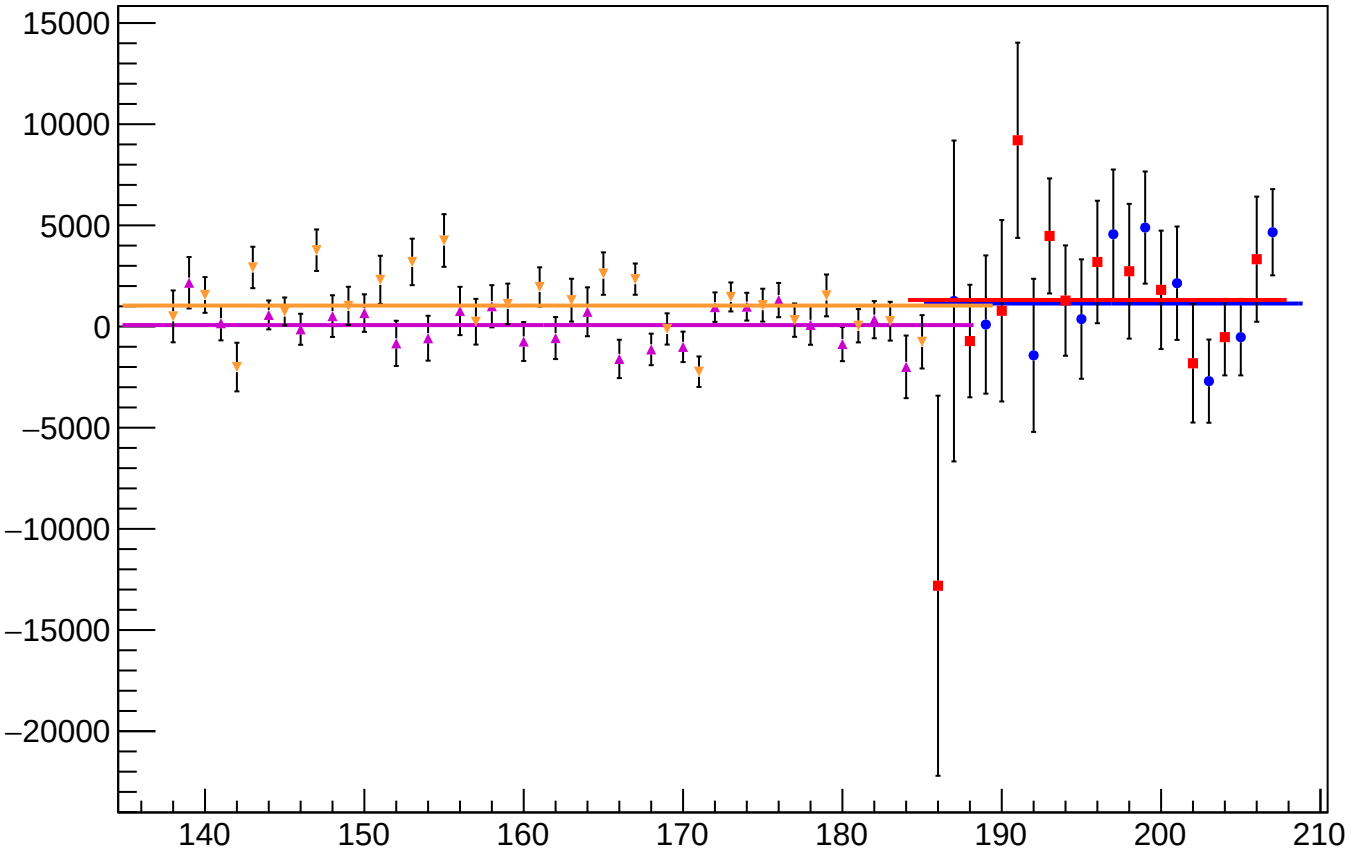
Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

+ sign 857.664+/-0.130 χ^2/NDF: 6625410.8/34

All: 859.995+/-0.093 χ^2/NDF: 14729032.8/69

- sign 862.390+/-0.132 χ^2/NDF: 8102972.8/34

asym_sam_3748_avg_mean vs Slug



Right In: 1137.403+/-851.661 χ^2/NDF: 10.7/9

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: 1312.583+/-874.023 χ^2/NDF: 9.8/11

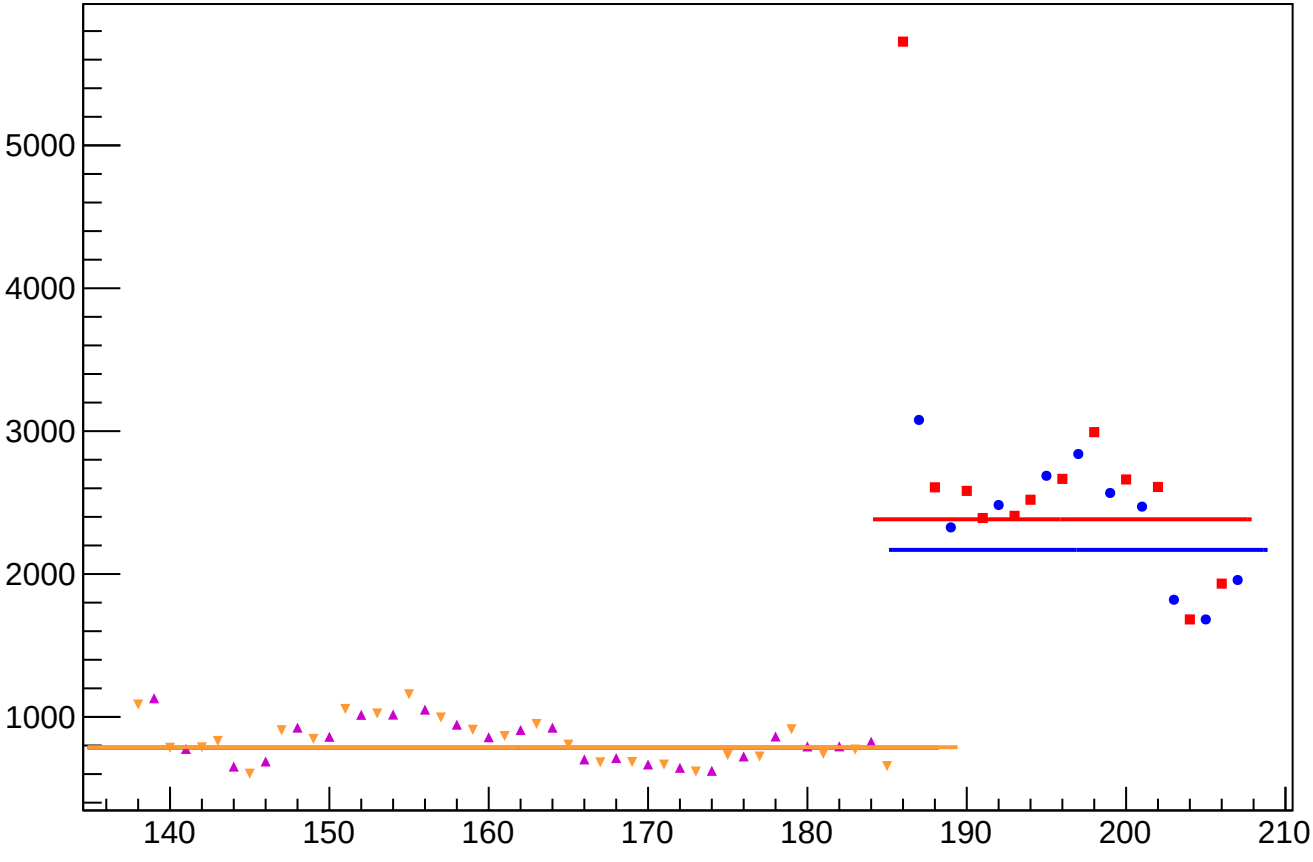
Left In: 70.852+/-190.155 χ^2/NDF:23.4/22

+ sign 1040.298+/-182.876 χ^2/NDF: 72.1/34

All: 590.900+/-130.337 χ^2/NDF: 119.5/69

- sign 126.971+/-185.809 χ^2/NDF: 35.2/34

asym_sam_3748_avg_rms vs Slug



Right In: 2169.078+/-0.602 χ^2/NDF: 468797.5/9

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2382.984+/-0.618 χ^2/NDF: 707641.2/11

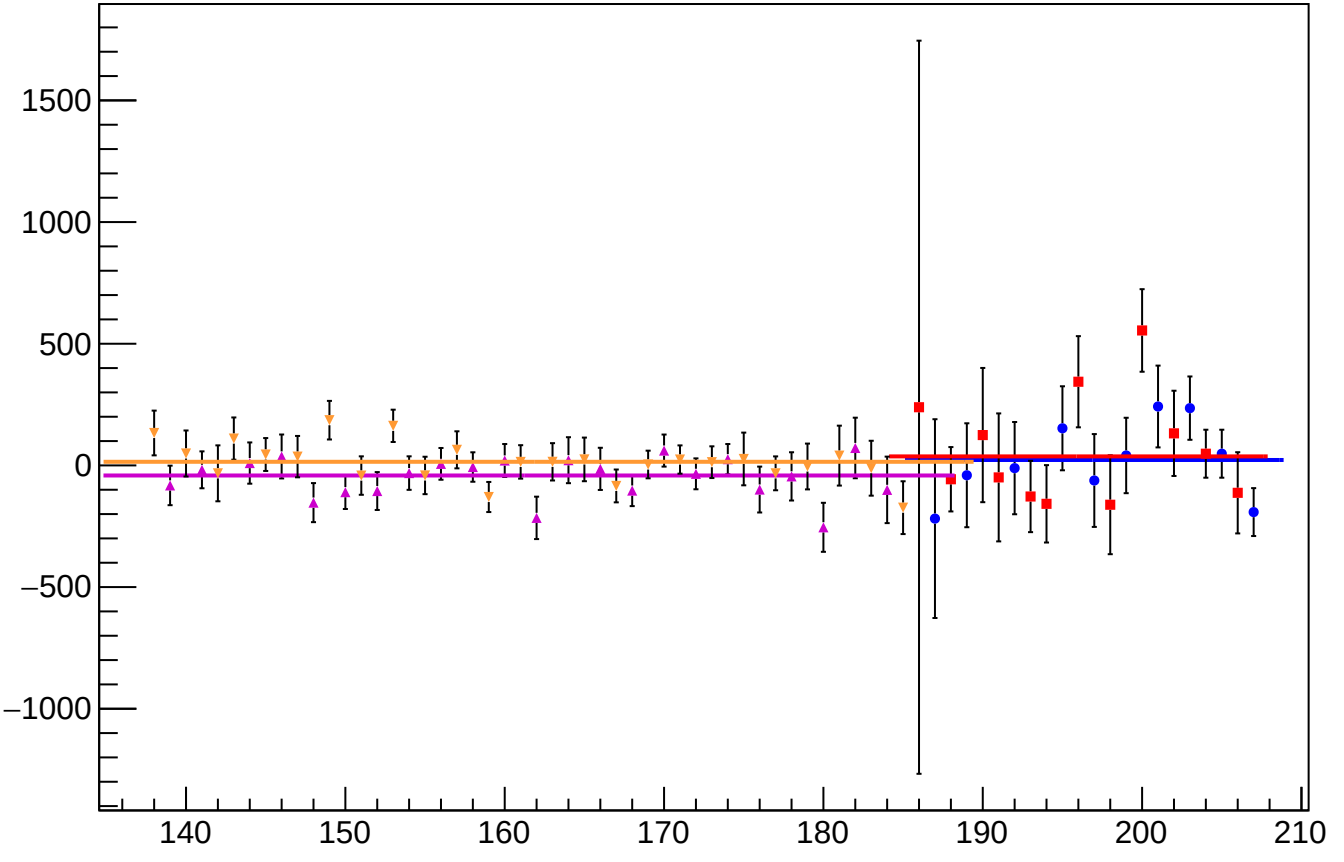
Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

+ sign 851.661+/-0.129 χ^2/NDF: 6599778.2/34

All: 854.480+/-0.092 χ^2/NDF: 14667178.1/69

- sign 857.391+/-0.131 χ^2/NDF: 8066433.7/34

dit_asym_sam_1526_avg_mean vs Slug



Right In: 22.290+/-46.676 χ^2/NDF: 10.4/9

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: 37.017+/-48.212 χ^2/NDF: 17.6/11

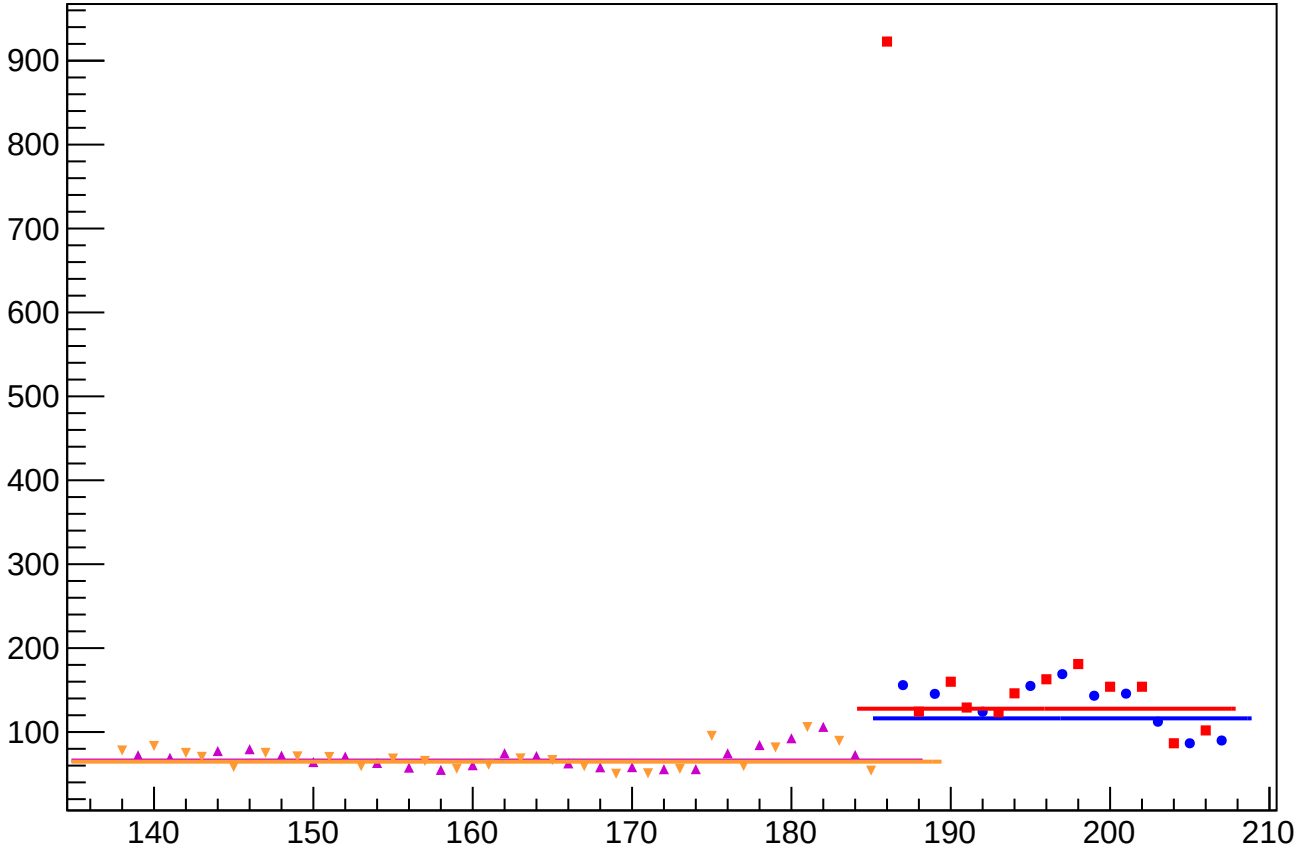
Left In: -41.428+/-16.130 χ^2/NDF:21.7/22

+ sign 15.618+/-14.735 χ^2/NDF: 36.3/34

All: -8.038+/-10.612 χ^2/NDF: 83.3/69

- sign -33.531+/-15.297 χ^2/NDF: 41.6/34

dit_asym_sam_1526_avg_rms vs Slug



Right In: 116.276+/-0.033 χ^2/NDF: 761493.2/9

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 127.792+/-0.034 χ^2/NDF: 1310651.6/11

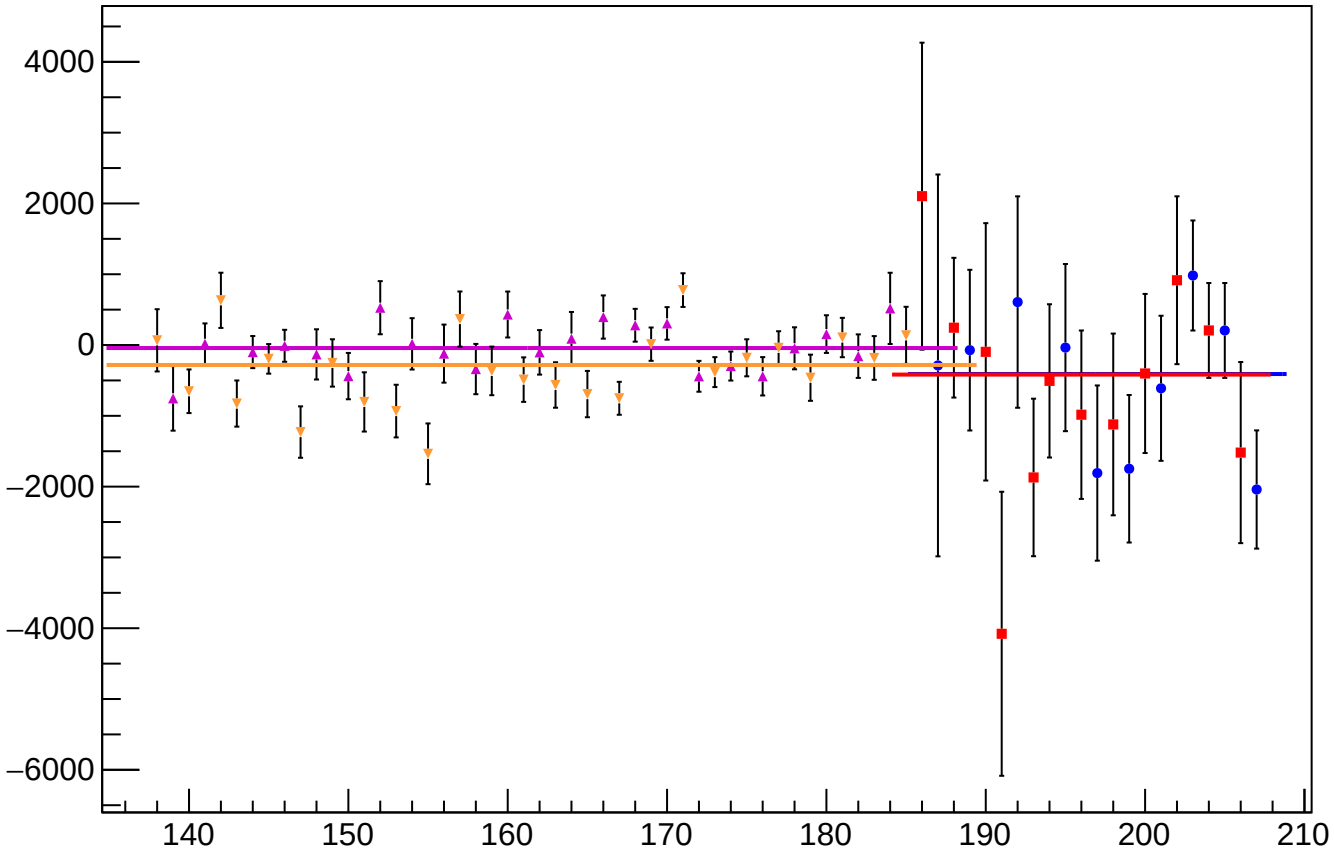
Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

+ sign 69.822+/-0.010 χ^2/NDF: 4112203.2/34

All: 70.983+/-0.008 χ^2/NDF: 9270203.6/69

- sign 72.235+/-0.011 χ^2/NDF: 5132187.7/34

asym_sam_1526_avg_correction_mean vs Slug



Right In: -409.569+/-317.462 χ^2/NDF: 11.5/9

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: -417.303+/-331.379 χ^2/NDF: 10.3/11

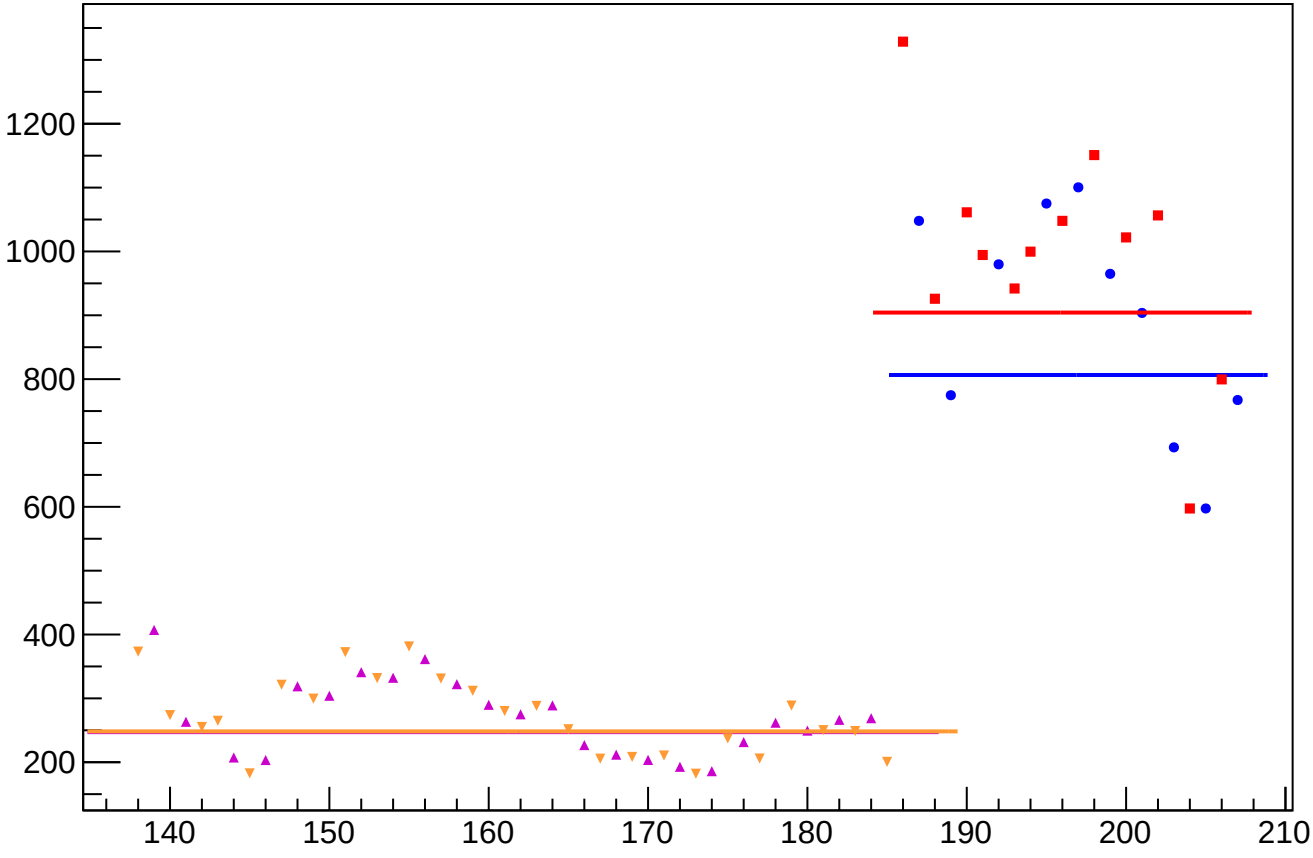
Left In: -42.368+/-60.284 χ^2/NDF:24.7/22

+ sign -285.761+/-58.514 χ^2/NDF: 78.1/34

All: -171.634+/-41.654 χ^2/NDF: 122.0/69

- sign -54.379+/-59.311 χ^2/NDF: 36.2/34

asym_sam_1526_avg_correction_rms vs Slug



Right In: 806.505+/-0.224 χ^2/NDF: 566609.5/9

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 904.276+/-0.234 χ^2/NDF: 704907.2/11

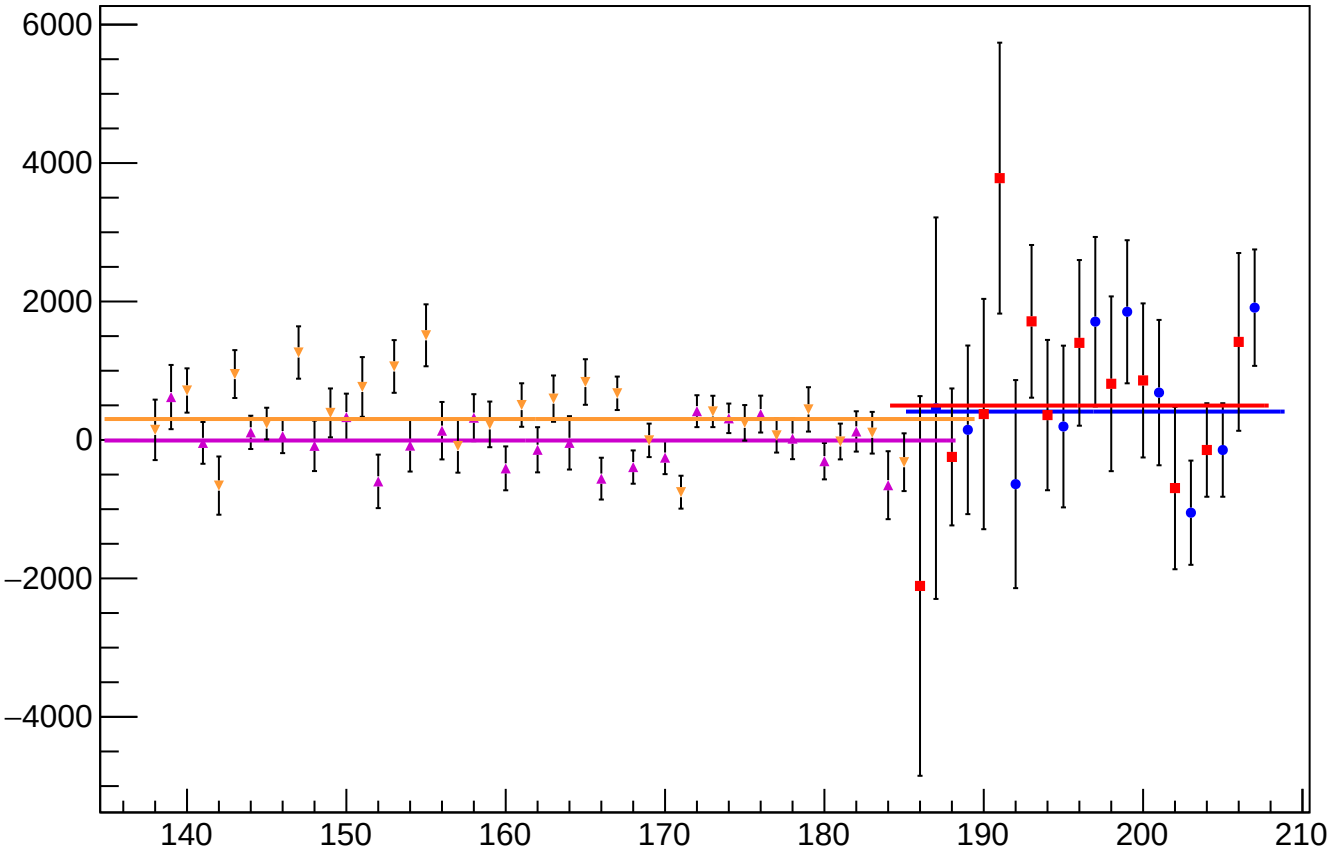
Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

+ sign 267.261+/-0.041 χ^2/NDF: 8227818.3/34

All: 267.703+/-0.029 χ^2/NDF: 18085989.0/69

- sign 268.157+/-0.042 χ^2/NDF: 9857939.1/34

asym_sam_1526_avg_mean vs Slug



Right In: 409.881+/-318.422 χ^2/NDF: 11.3/9

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: 496.824+/-331.386 χ^2/NDF: 8.7/11

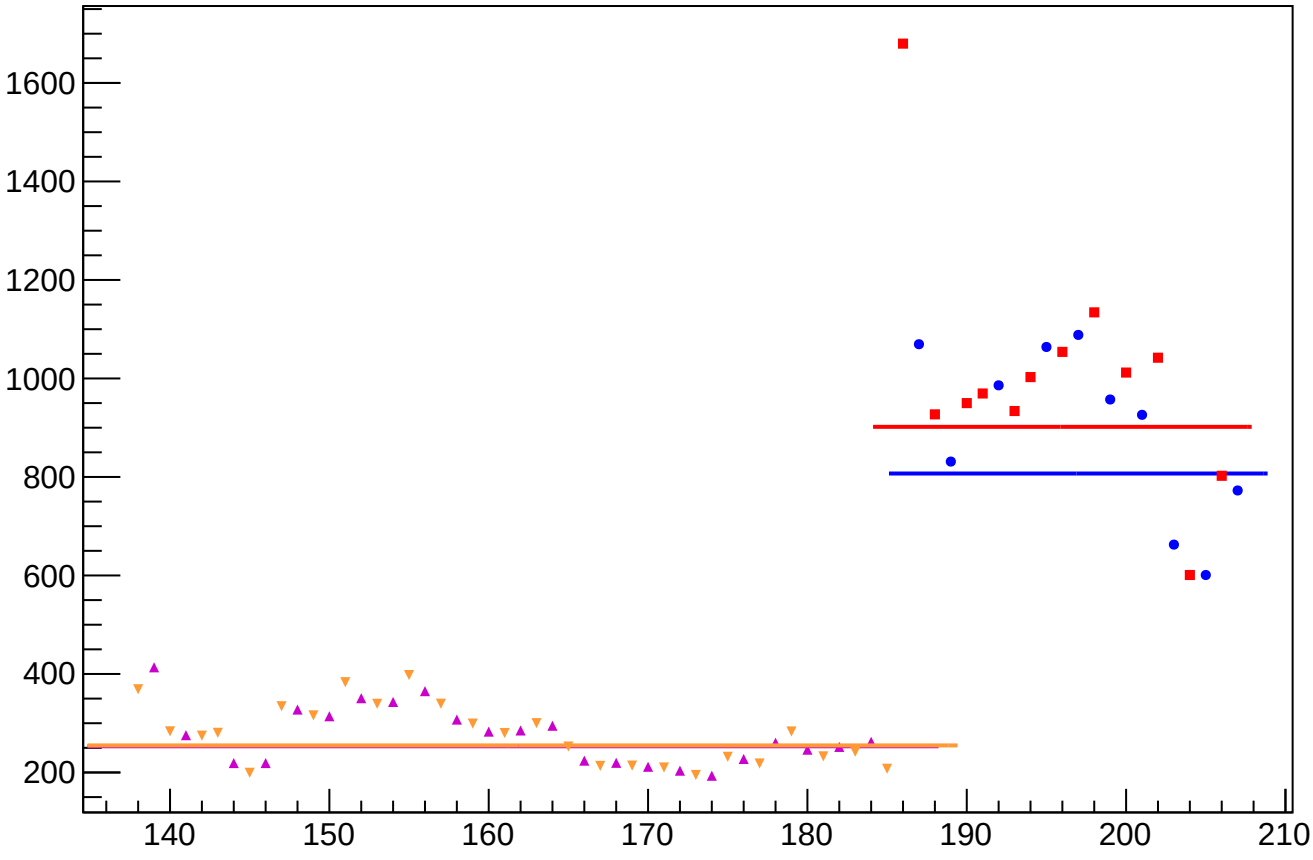
Left In: -7.915+/-61.726 χ^2/NDF:26.3/22

+ sign 306.223+/-59.902 χ^2/NDF: 75.3/34

All: 159.539+/-42.630 χ^2/NDF: 124.7/69

- sign 9.010+/-60.682 χ^2/NDF: 37.2/34

asym_sam_1526_avg_rms vs Slug



Right In: 807.002+/-0.225 χ^2/NDF: 580918.3/9

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 901.785+/-0.234 χ^2/NDF: 742493.3/11

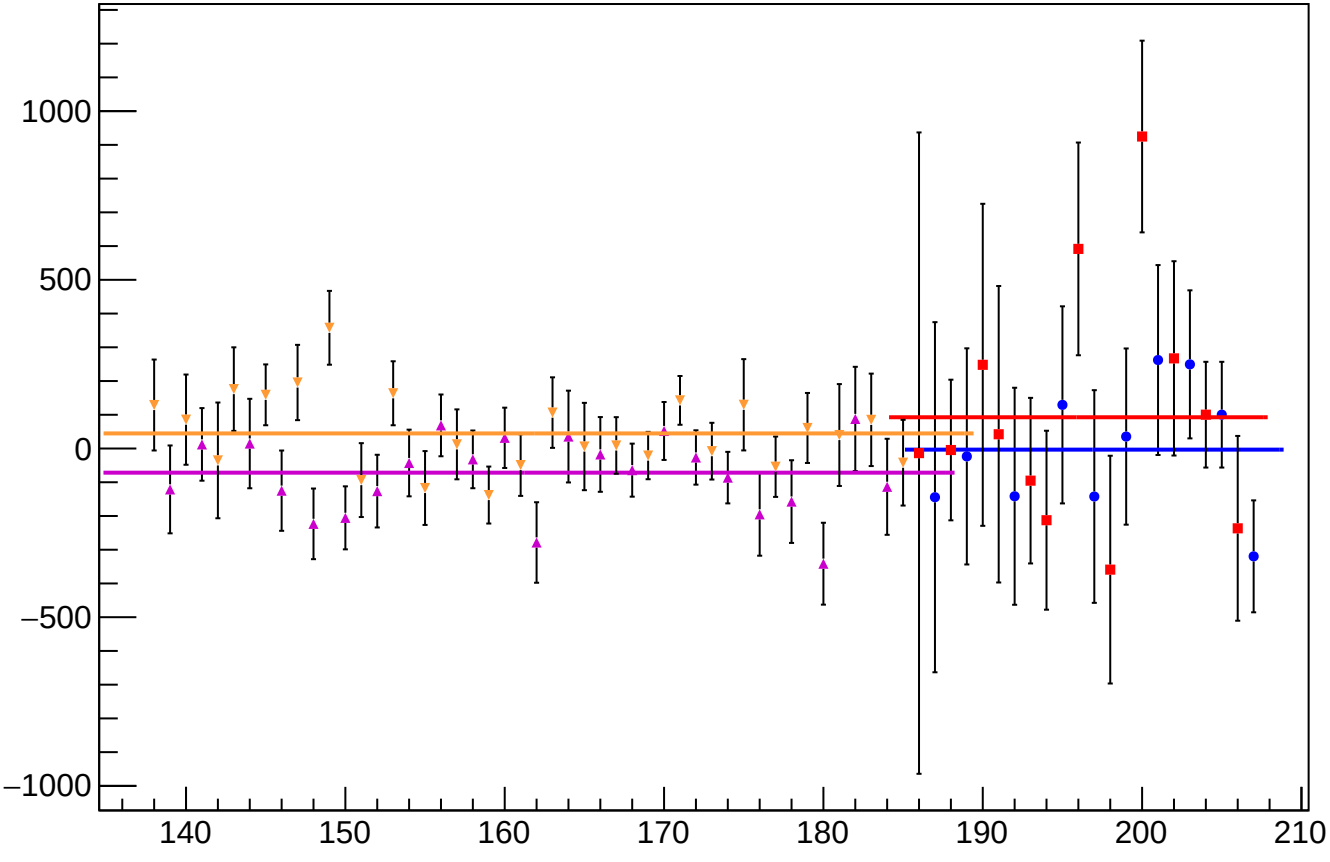
Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

+ sign 274.475+/-0.042 χ^2/NDF: 7921646.4/34

All: 274.694+/-0.030 χ^2/NDF: 17435679.2/69

- sign 274.919+/-0.043 χ^2/NDF: 9513978.4/34

dit_asym_sam_3726_avg_mean vs Slug



Right In: -3.327+/-76.693 χ^2/NDF: 7.0/9

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 92.646+/-78.602 χ^2/NDF: 16.9/11

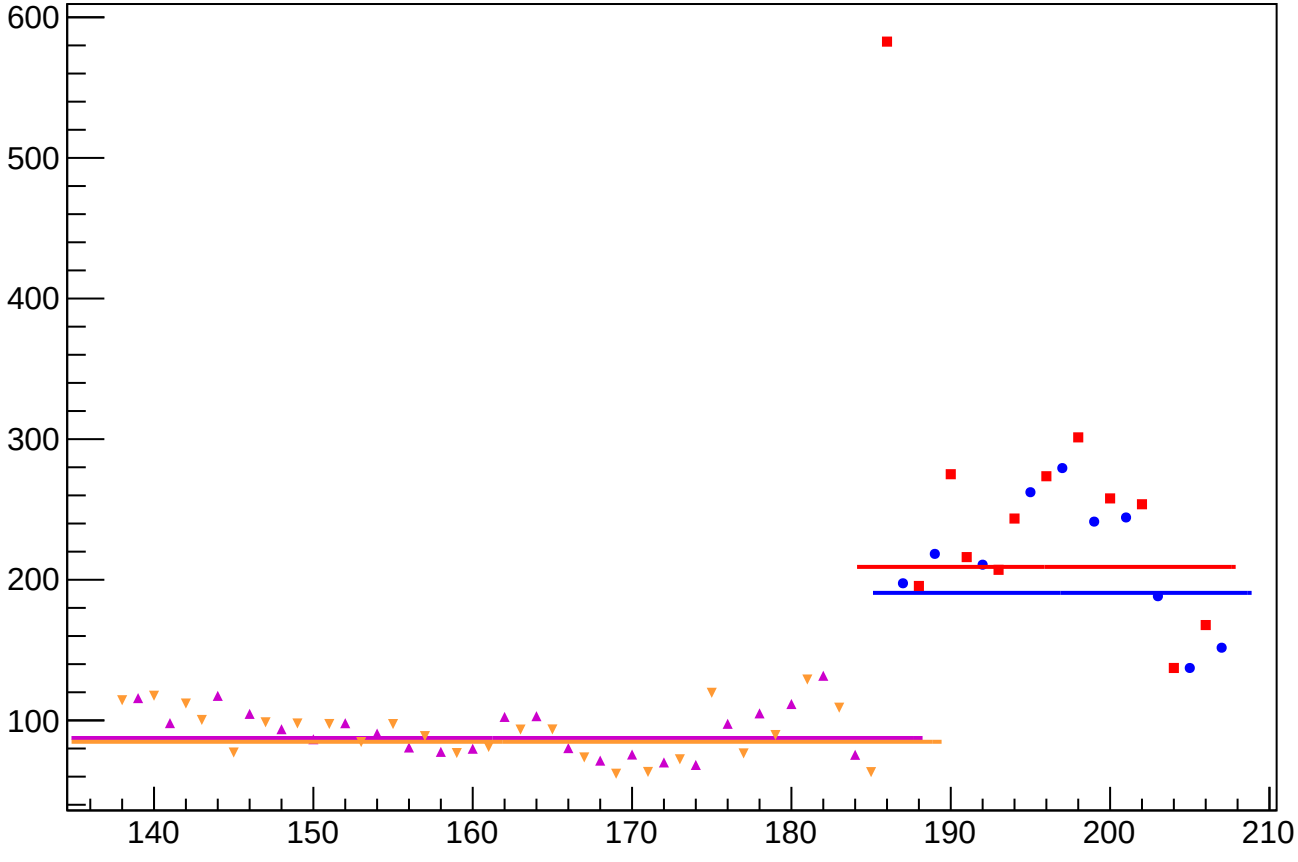
Left In: -71.620+/-21.469 χ^2/NDF:23.7/22

+ sign 41.552+/-19.768 χ^2/NDF: 37.9/34

All: -6.965+/-14.300 χ^2/NDF: 95.2/69

- sign -60.217+/-20.710 χ^2/NDF: 44.7/34

dit_asym_sam_3726_avg_rms vs Slug



Right In: 190.689+/-0.054 χ^2/NDF: 792706.3/9

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 209.158+/-0.056 χ^2/NDF: 1195364.4/11

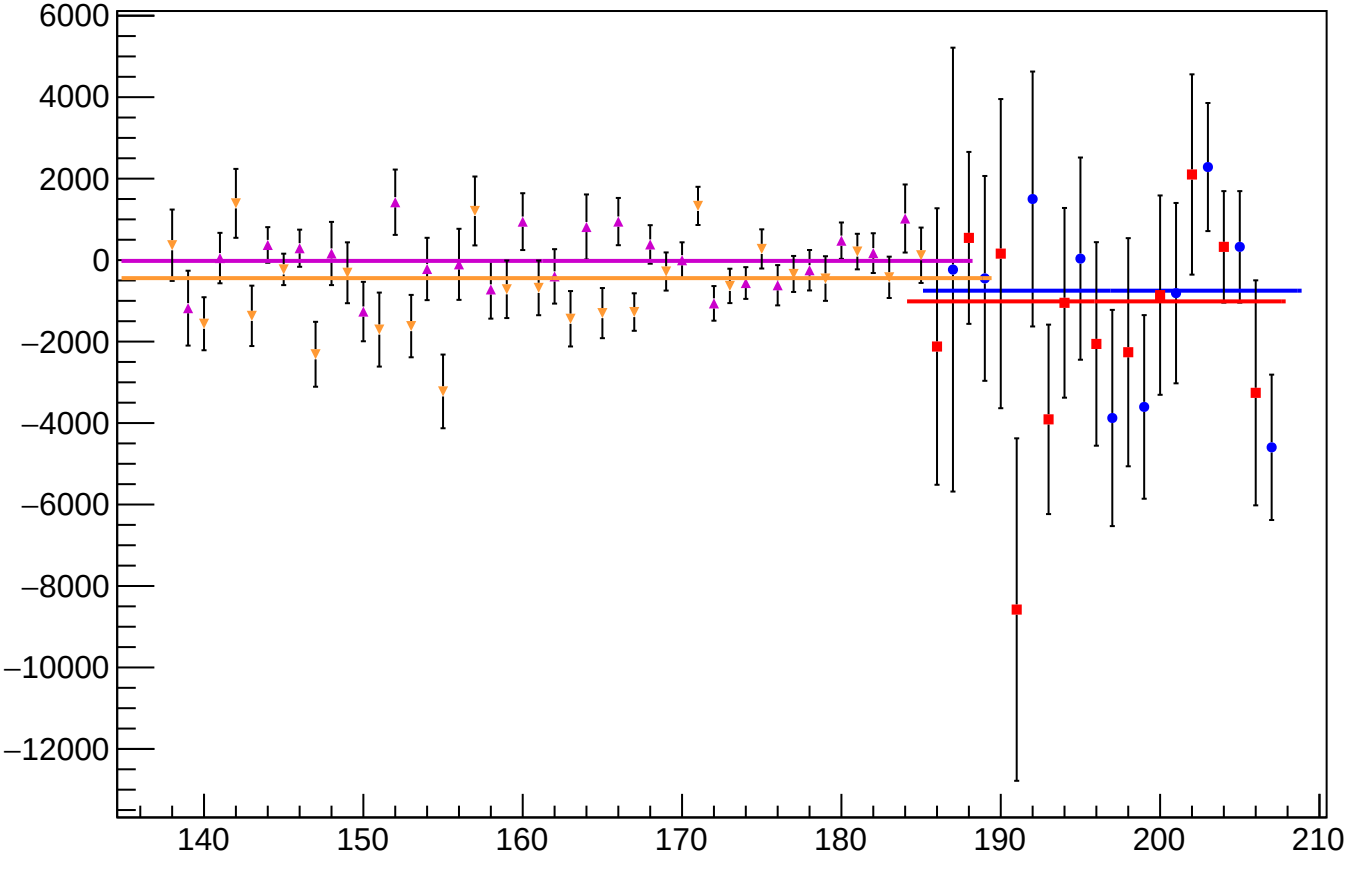
Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

+ sign 91.828+/-0.014 χ^2/NDF: 5735325.8/34

All: 93.781+/-0.010 χ^2/NDF: 12488331.0/69

- sign 95.925+/-0.015 χ^2/NDF: 6712064.0/34

asym_sam_3726_avg_correction_mean vs Slug



Right In: -750.521+/-666.377 χ^2/NDF: 12.6/9

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: -1013.161+/-691.374 χ^2/NDF: 9.1/11

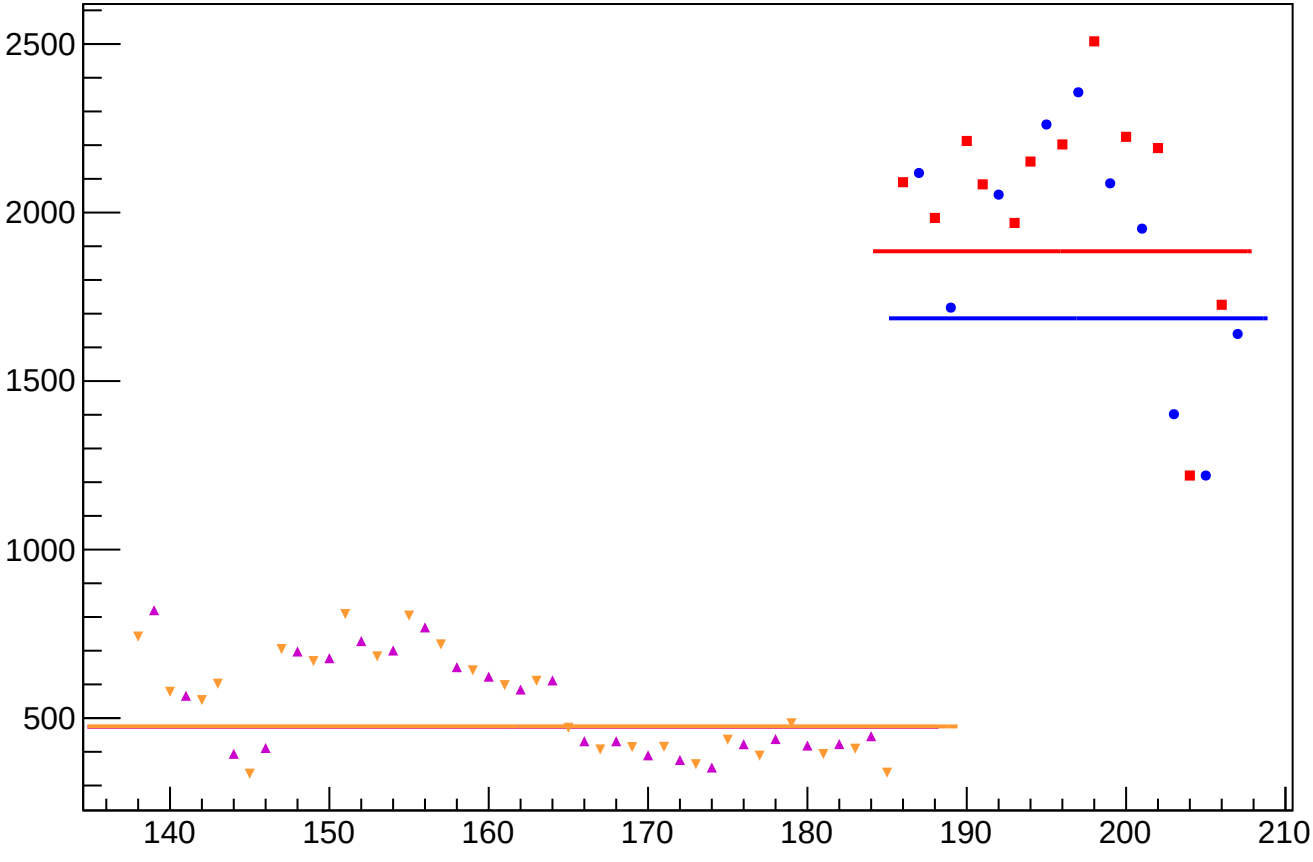
Left In: -19.322+/-116.820 χ^2/NDF:29.5/22

+ sign -451.263+/-113.731 χ^2/NDF: 73.8/34

All: -251.658+/-80.930 χ^2/NDF: 120.6/69

- sign -46.908+/-115.188 χ^2/NDF: 40.6/34

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1686.171+/-0.471 χ^2/NDF: 666716.5/9

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 1885.124+/-0.489 χ^2/NDF: 739976.2/11

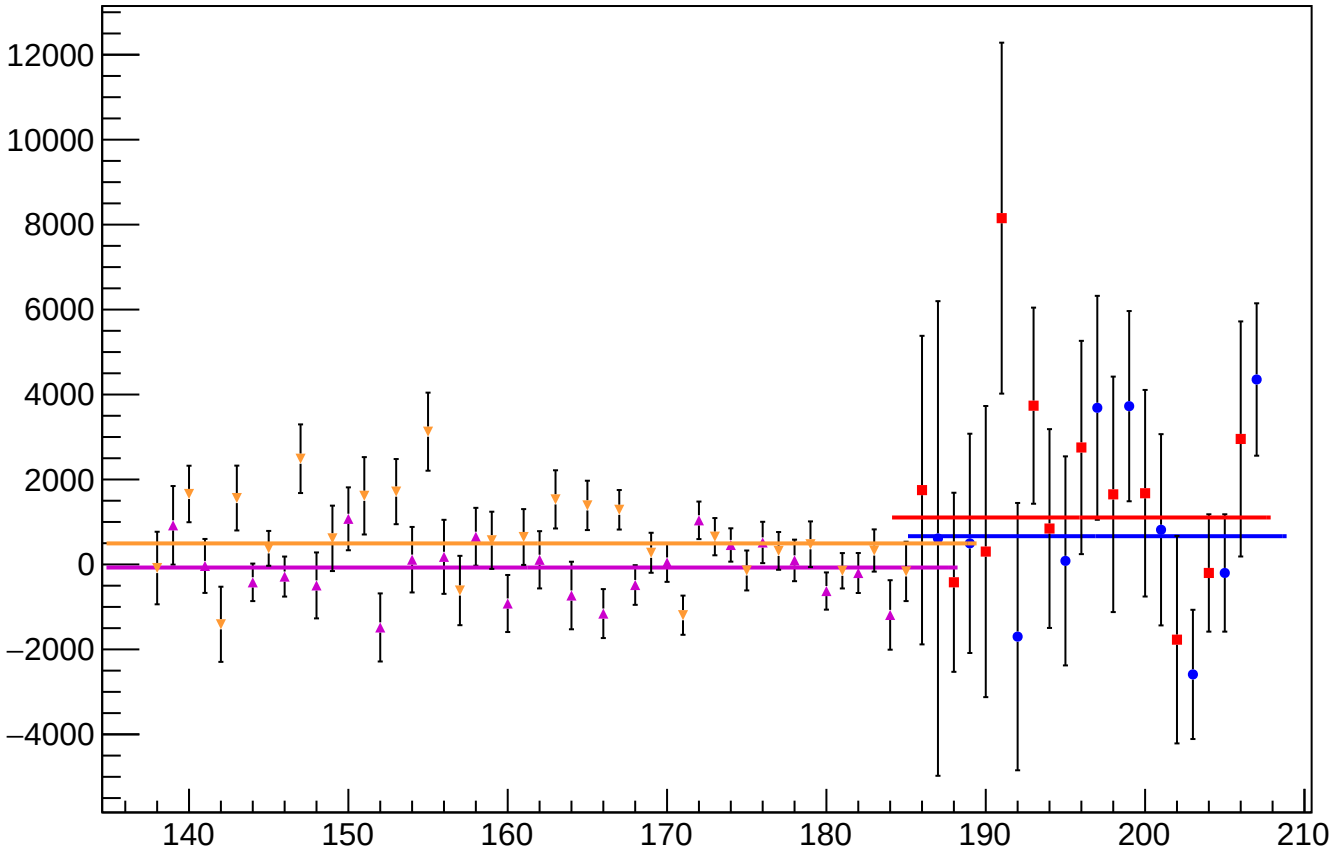
Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

+ sign 510.683+/-0.080 χ^2/NDF: 9586519.3/34

All: 511.885+/-0.057 χ^2/NDF: 20602478.3/69

- sign 513.118+/-0.081 χ^2/NDF: 11015506.4/34

asym_sam_3726_avg_mean vs Slug



Right In: 665.026+/-665.808 χ^2/NDF: 13.0/9

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: 1105.559+/-690.882 χ^2/NDF: 8.1/11

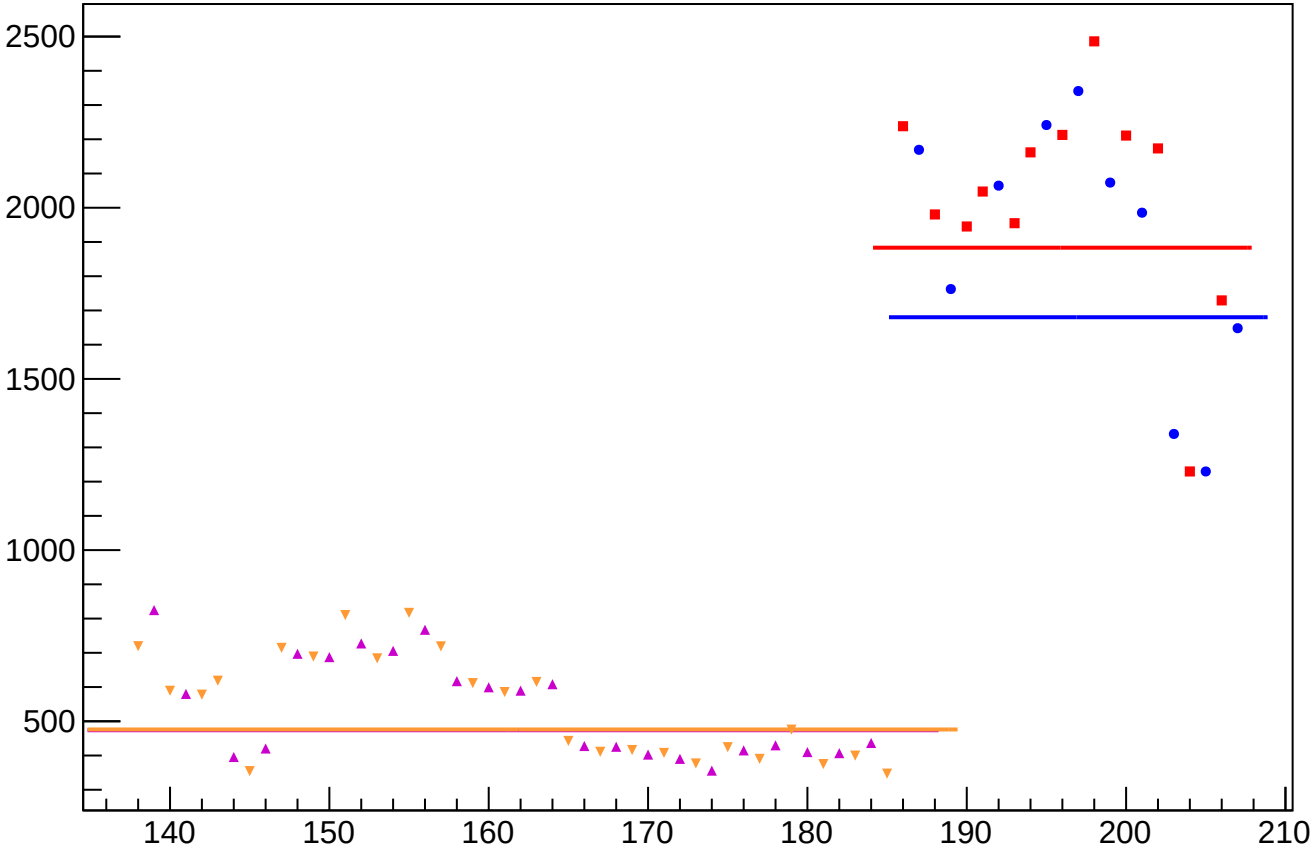
Left In: -72.627+/-116.927 χ^2/NDF:29.1/22

+ sign 500.221+/-113.821 χ^2/NDF: 70.2/34

All: 233.658+/-80.997 χ^2/NDF: 121.3/69

- sign -39.820+/-115.288 χ^2/NDF: 40.0/34

asym_sam_3726_avg_rms vs Slug



Right In: 1680.193+/-0.471 χ^2/NDF: 689204.3/9

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 1883.330+/-0.489 χ^2/NDF: 704777.8/11

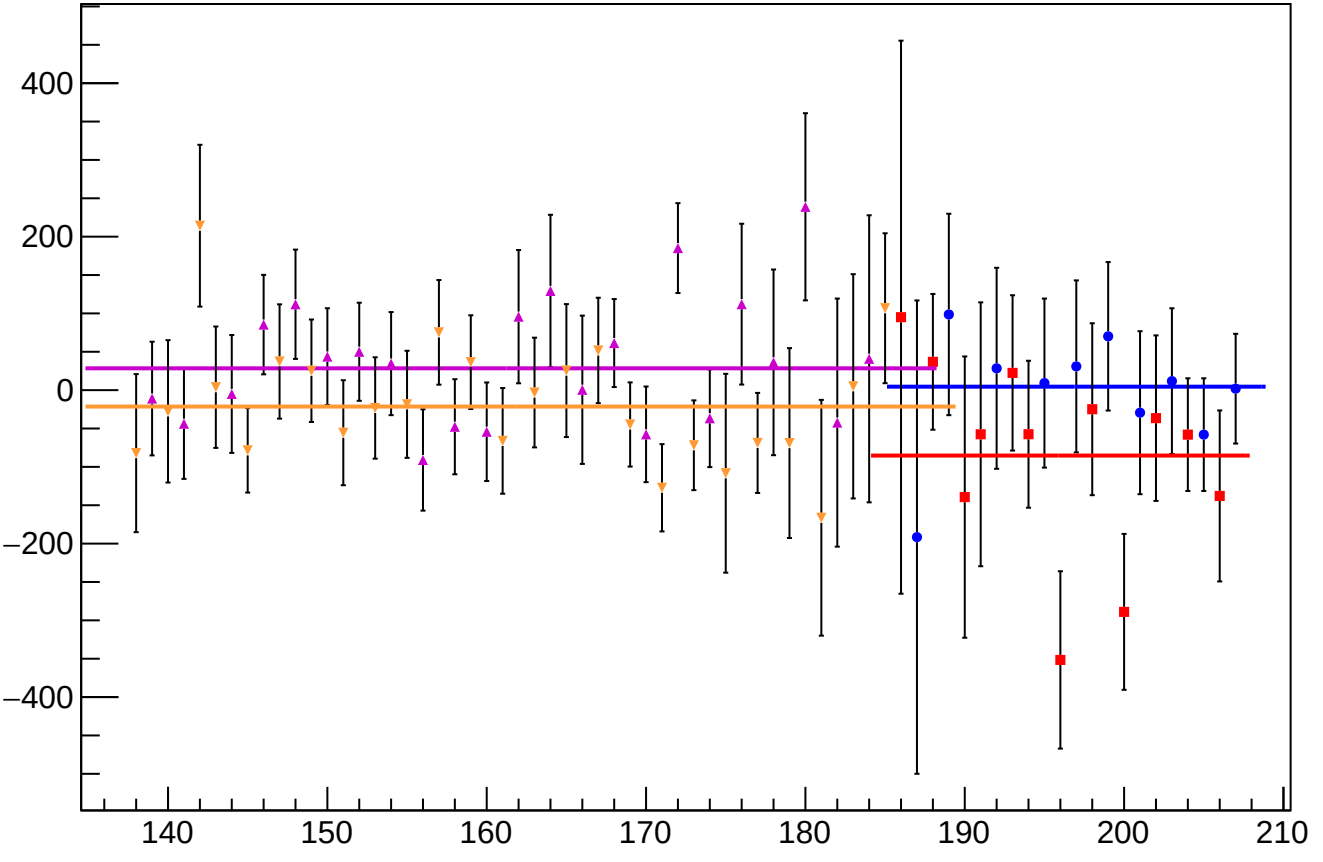
Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

+ sign 511.247+/-0.080 χ^2/NDF: 9501462.8/34

All: 512.148+/-0.057 χ^2/NDF: 20412915.6/69

- sign 513.072+/-0.082 χ^2/NDF: 10911198.8/34

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 4.514+/-32.005 χ^2/NDF: 2.3/9

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: -85.250+/-31.480 χ^2/NDF: 13.7/11

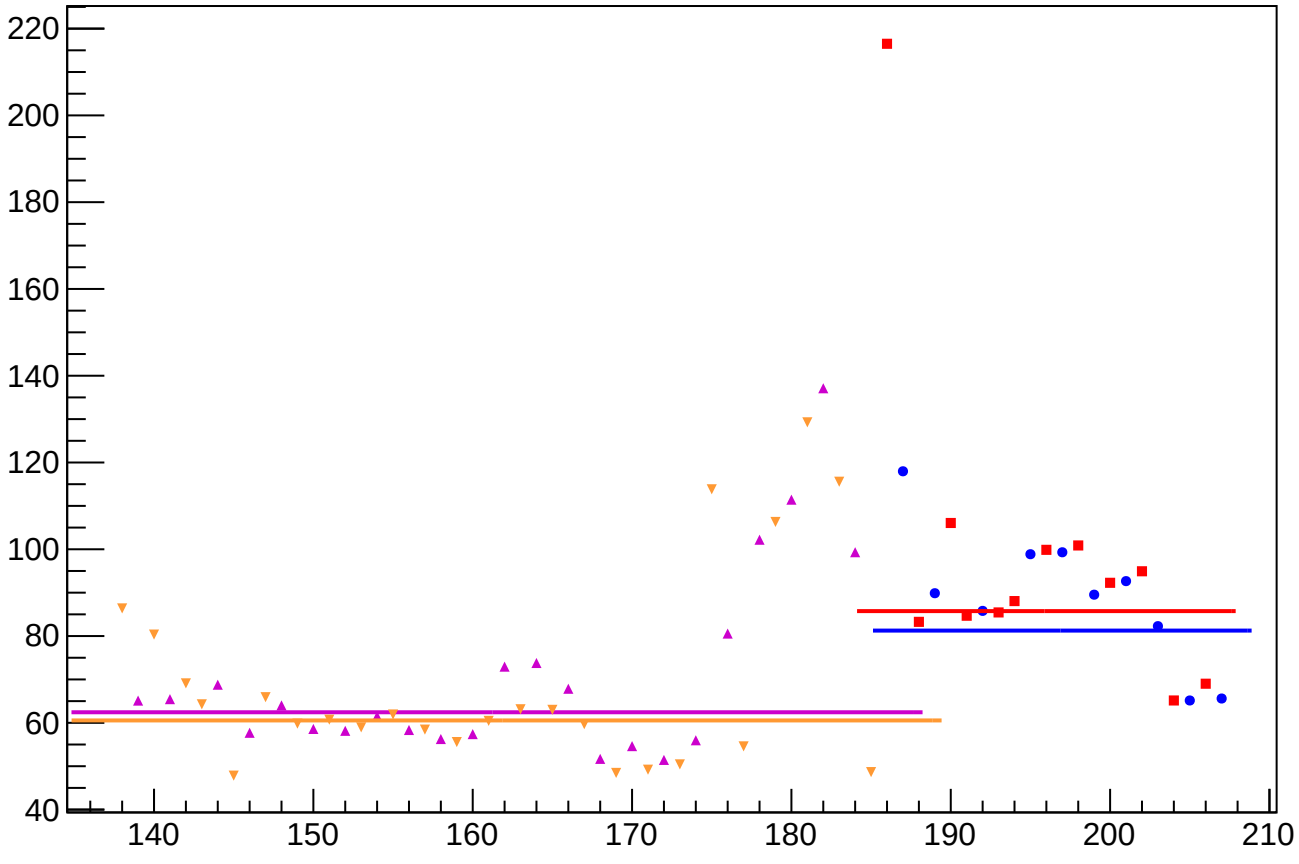
Left In: 28.435+/-15.494 χ^2/NDF:26.2/22

+ sign -16.833+/-13.433 χ^2/NDF: 23.7/34

All: -5.679+/-9.660 χ^2/NDF: 75.5/69

- sign 6.267+/-13.901 χ^2/NDF: 50.4/34

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 81.259+/-0.023 χ^2/NDF: 372276.8/9

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 85.750+/-0.022 χ^2/NDF: 582155.7/11

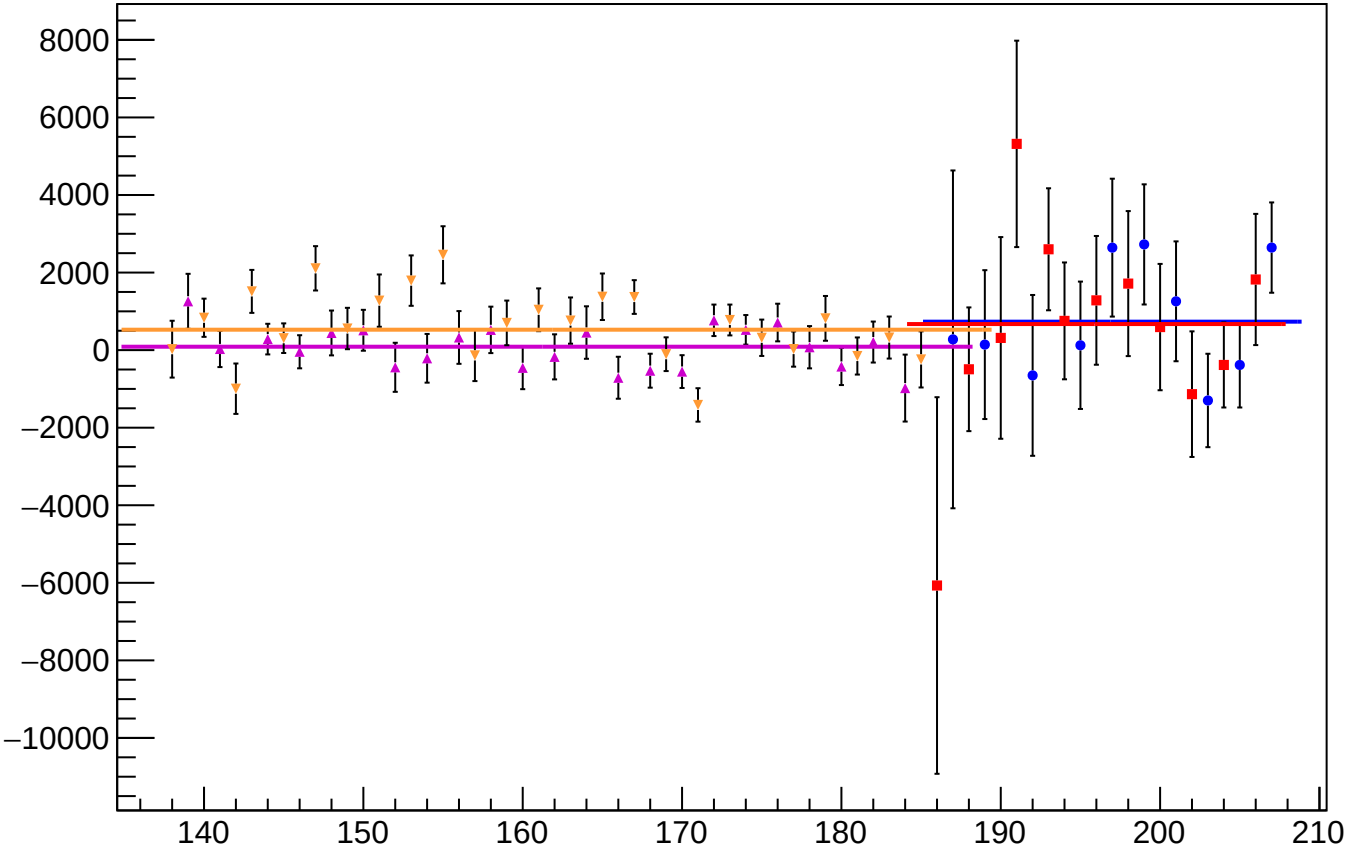
Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

+ sign 64.199+/-0.009 χ^2/NDF: 3013764.9/34

All: 65.542+/-0.007 χ^2/NDF: 5966209.9/69

- sign 66.981+/-0.010 χ^2/NDF: 2911021.5/34

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 733.933+/-480.134 χ^2/NDF: 10.2/9

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: 672.184+/-490.433 χ^2/NDF: 10.1/11

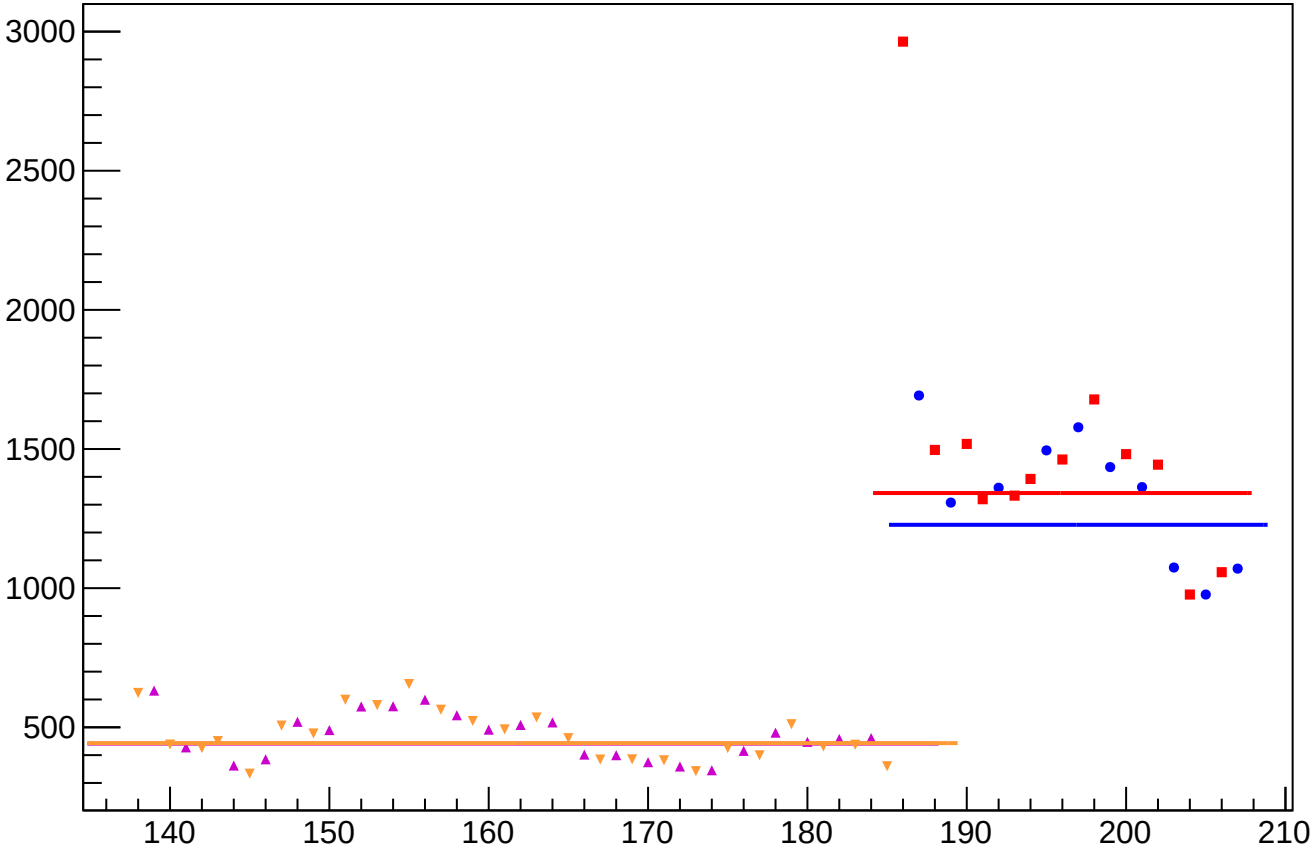
Left In: 87.989+/-106.843 χ^2/NDF:22.1/22

+ sign 536.235+/-102.962 χ^2/NDF: 75.4/34

All: 328.260+/-73.306 χ^2/NDF: 117.2/69

- sign 114.459+/-104.394 χ^2/NDF: 33.6/34

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1227.687+/-0.340 χ^2/NDF: 389913.4/9

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1341.836+/-0.347 χ^2/NDF: 629503.2/11

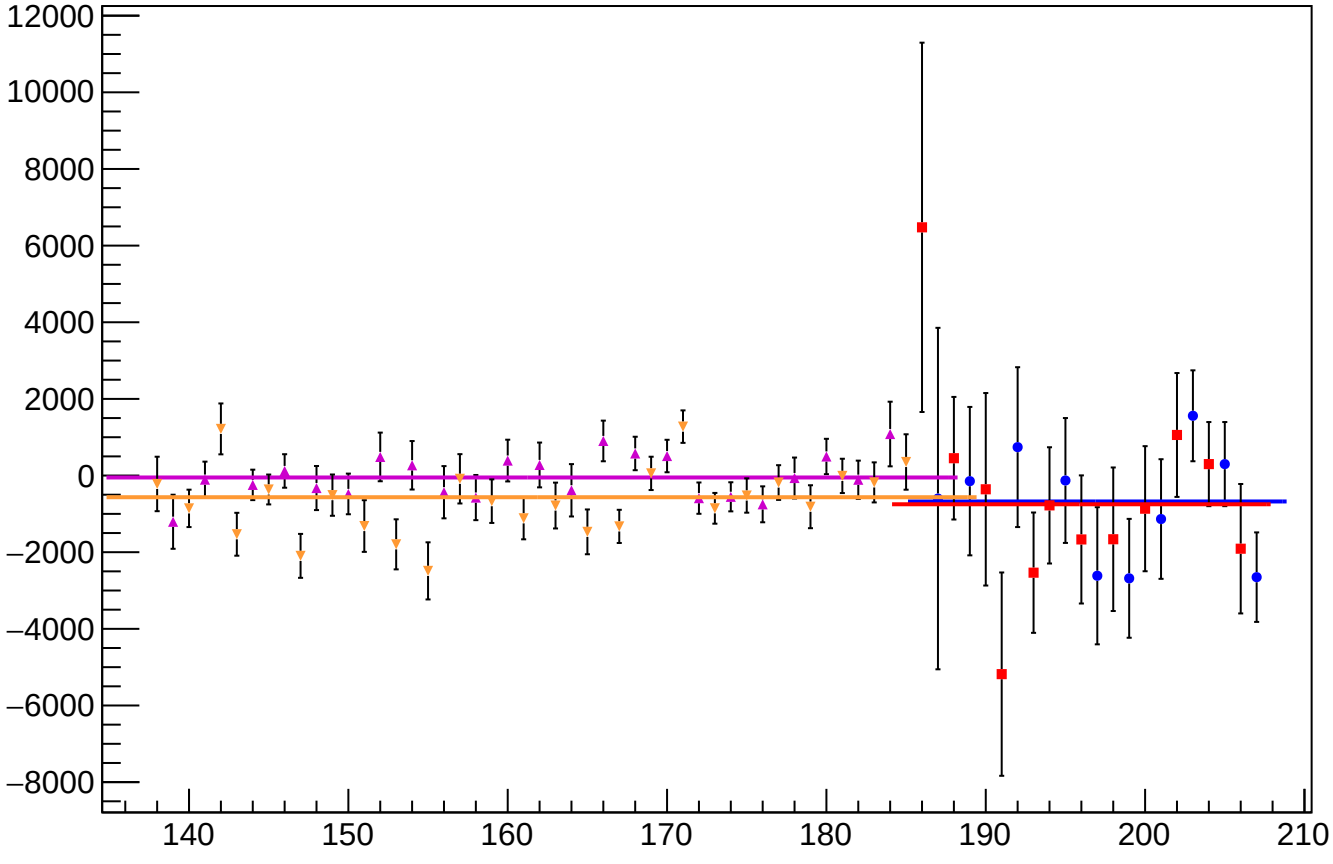
Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

+ sign 479.115+/-0.073 χ^2/NDF: 6657442.4/34

All: 480.616+/-0.052 χ^2/NDF: 14760564.9/69

- sign 482.159+/-0.074 χ^2/NDF: 8102260.2/34

asym_sam_15_48_dd_mean vs Slug



Right In: -676.181+/-480.202 χ^2/NDF: 10.8/9

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: -749.360+/-490.449 χ^2/NDF: 10.1/11

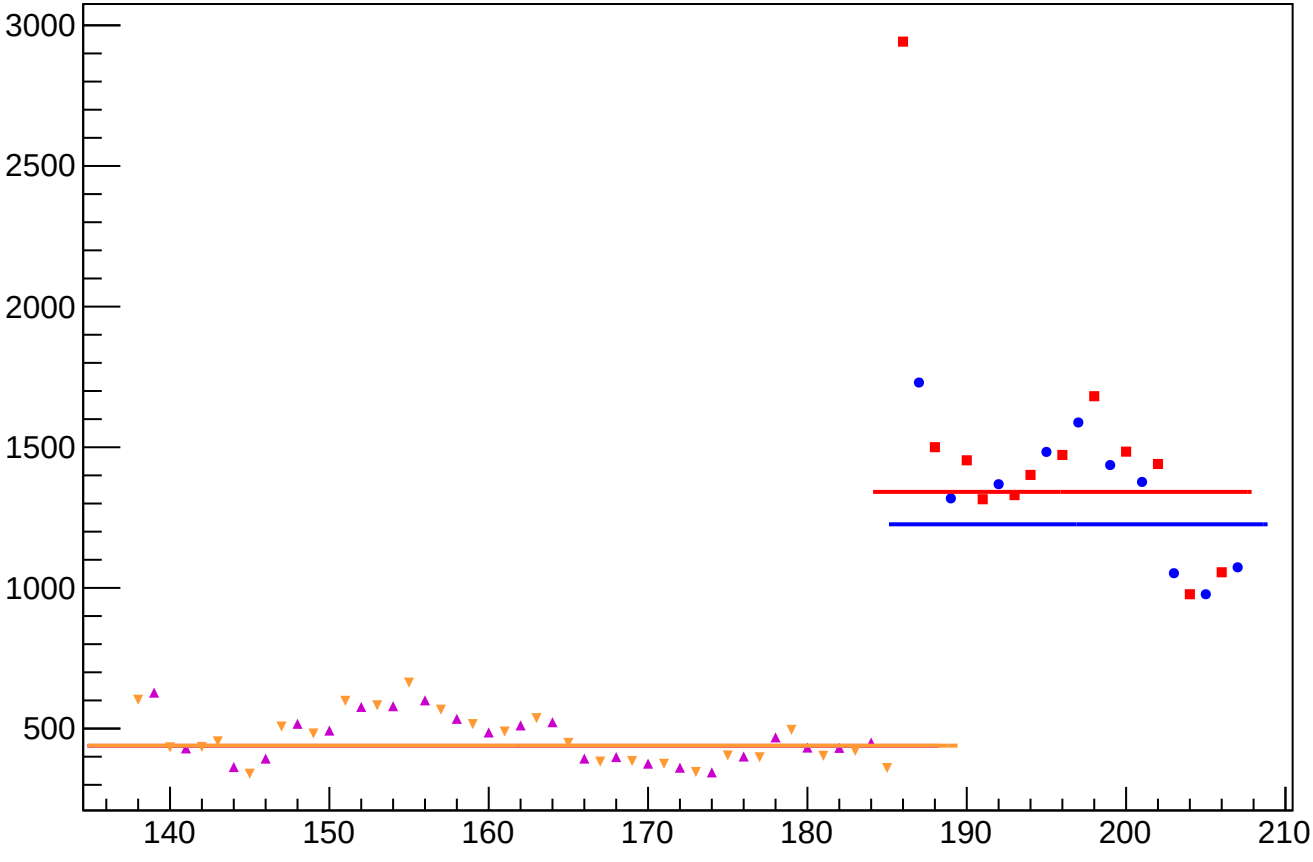
Left In: -50.387+/-106.218 χ^2/NDF:23.3/22

+ sign -570.543+/-102.073 χ^2/NDF: 73.8/34

All: -330.250+/-72.783 χ^2/NDF: 120.4/69

- sign -81.703+/-103.811 χ^2/NDF: 35.3/34

asym_sam_15_48_dd_rms vs Slug



Right In: 1226.119+/-0.340 χ^2/NDF: 406599.5/9

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1341.385+/-0.347 χ^2/NDF: 626227.6/11

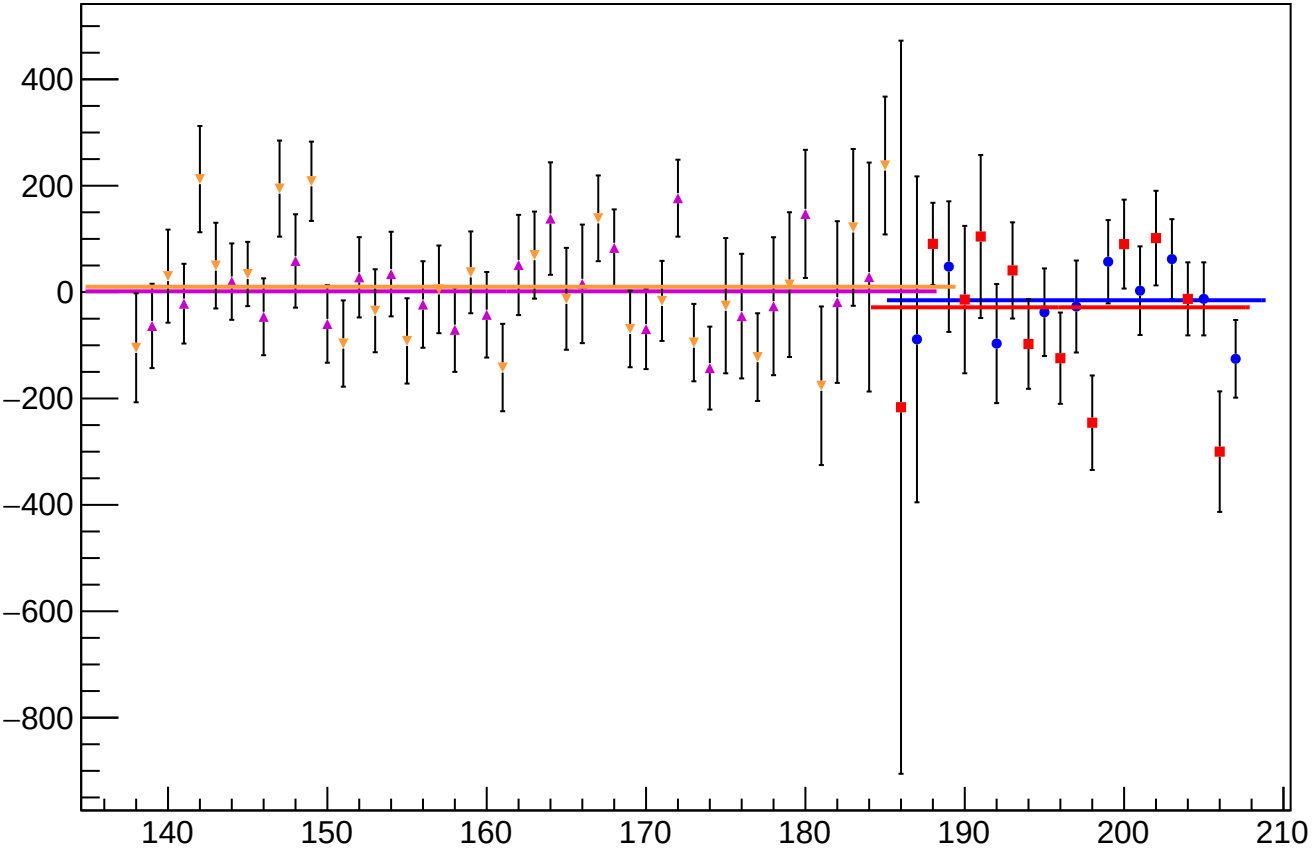
Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

+ sign 474.864+/-0.072 χ^2/NDF: 6697303.7/34

All: 476.810+/-0.051 χ^2/NDF: 14826019.0/69

- sign 478.822+/-0.073 χ^2/NDF: 8127237.1/34

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -15.326+/-27.503 χ^2/NDF: 5.2/9

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: -28.600+/-27.217 χ^2/NDF: 21.6/11

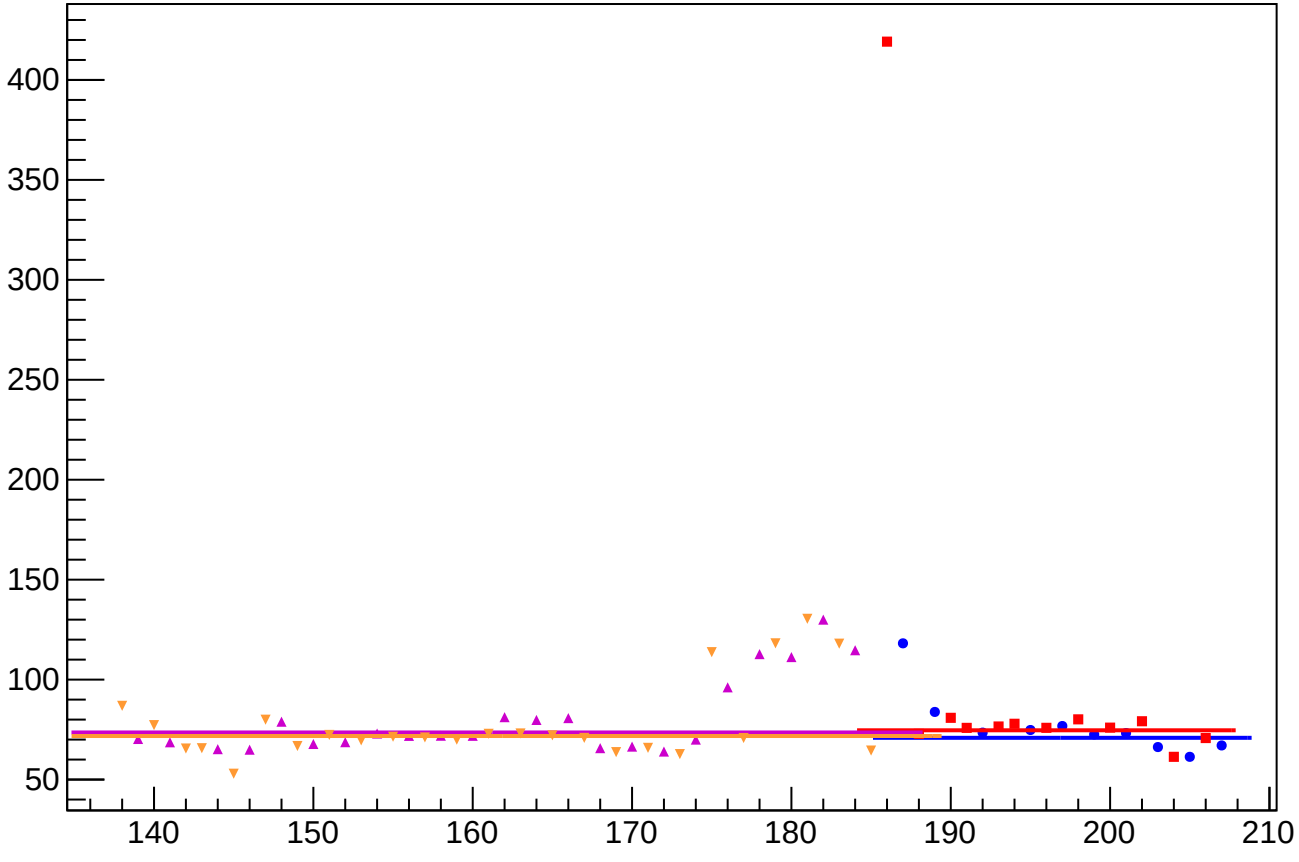
Left In: 1.434+/-17.926 χ^2/NDF:19.0/22

+ sign 2.931+/-14.587 χ^2/NDF: 44.5/34

All: -2.224+/-10.448 χ^2/NDF: 86.3/69

- sign -7.653+/-14.971 χ^2/NDF: 41.5/34

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 70.885+/-0.019 χ^2/NDF: 138781.1/9

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 74.646+/-0.019 χ^2/NDF: 599907.7/11

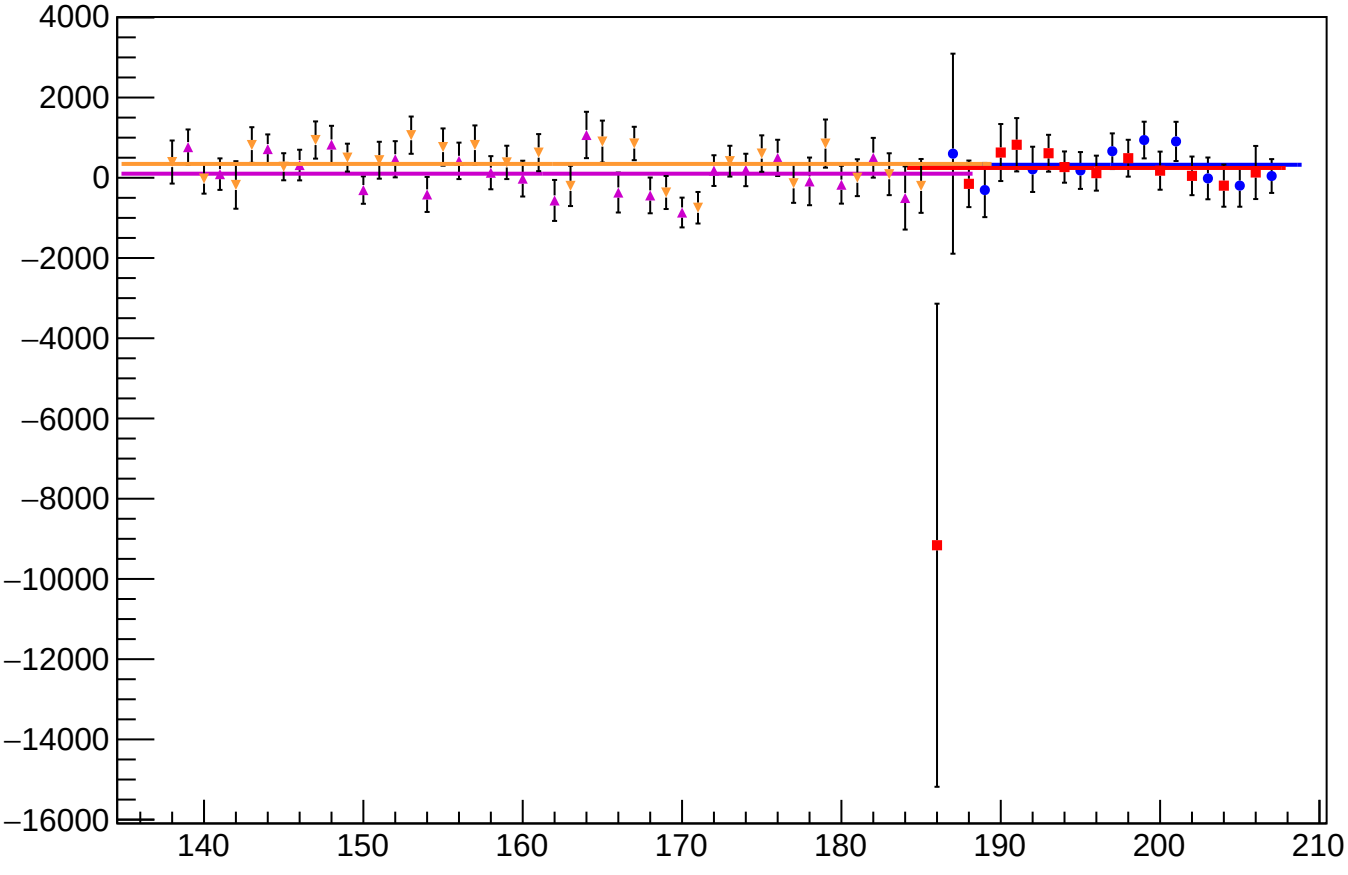
Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

+ sign 71.532+/-0.010 χ^2/NDF: 1466044.9/34

All: 72.679+/-0.007 χ^2/NDF: 3102933.6/69

- sign 73.887+/-0.011 χ^2/NDF: 1611489.3/34

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 324.376+/-163.951 χ^2/NDF: 6.7/9

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: 244.454+/-152.122 χ^2/NDF: 5.9/11

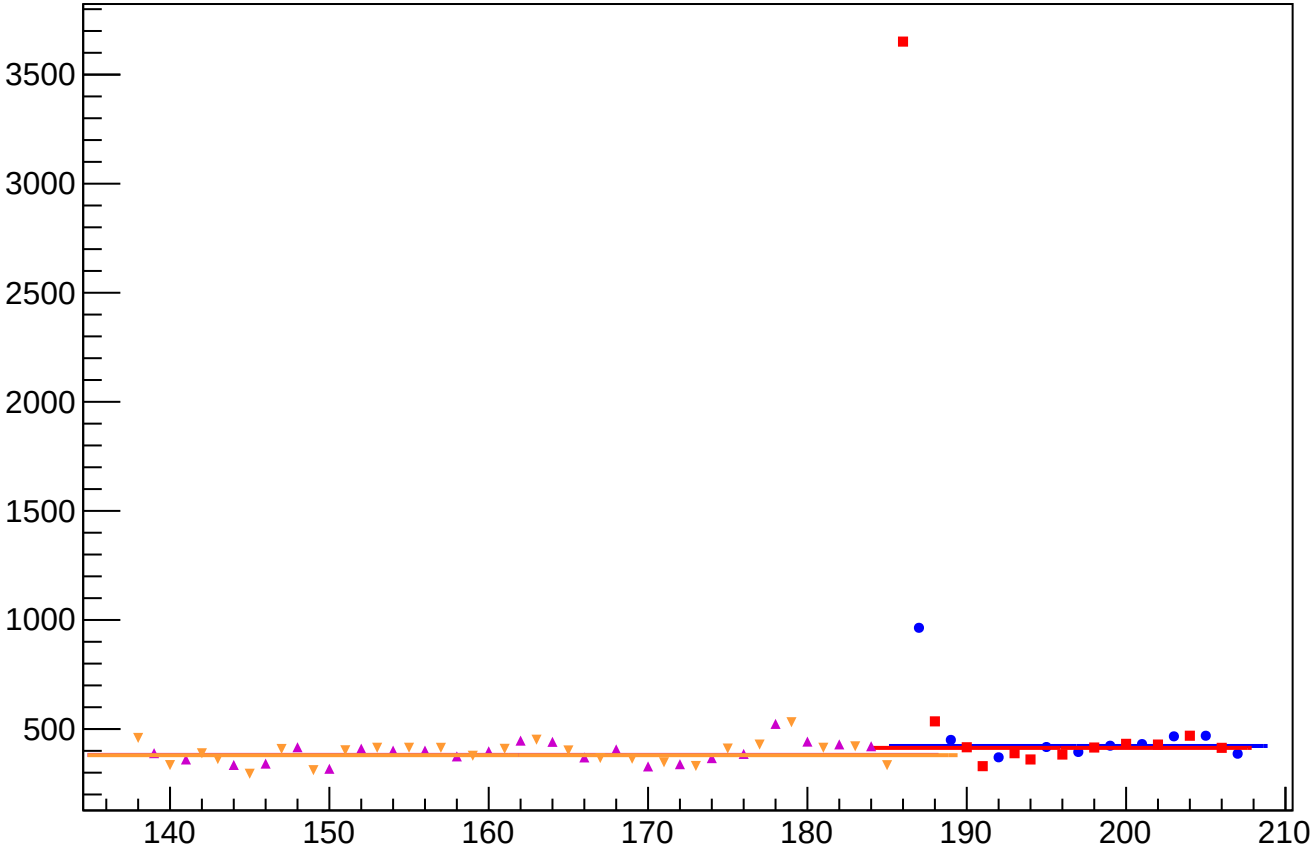
Left In: 101.648+/-91.670 χ^2/NDF:28.1/22

+ sign 340.513+/-78.798 χ^2/NDF: 34.1/34

All: 239.742+/-55.619 χ^2/NDF: 71.9/69

- sign 139.691+/-78.516 χ^2/NDF: 34.6/34

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 422.350+/-0.116 χ^2/NDF: 167920.8/9

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 413.591+/-0.108 χ^2/NDF: 778078.7/11

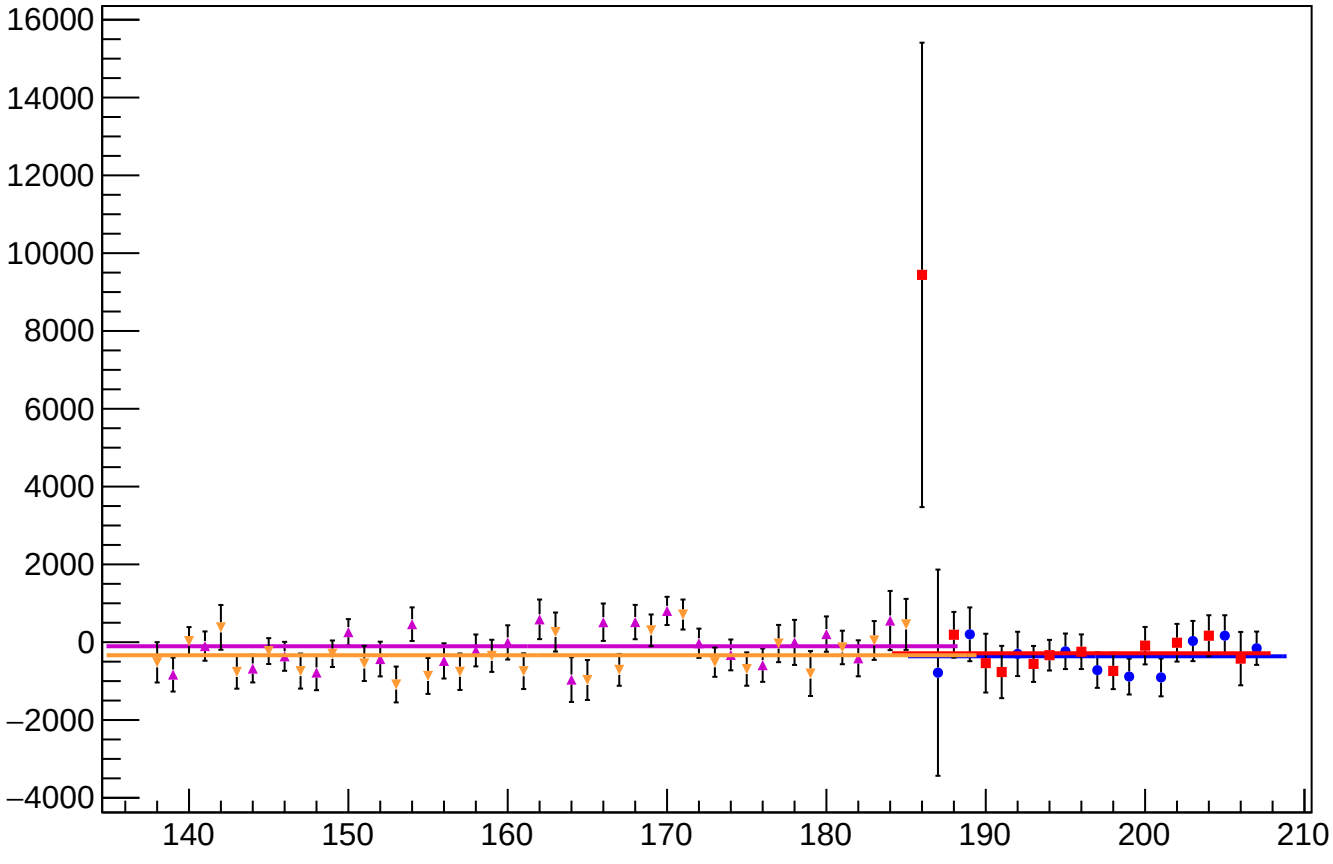
Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

+ sign 389.941+/-0.056 χ^2/NDF: 886162.9/34

All: 389.986+/-0.039 χ^2/NDF: 2190662.6/69

- sign 390.030+/-0.056 χ^2/NDF: 1304498.5/34

asym_sam_37_48_dd_mean vs Slug



Right In: -362.297+/-165.176 χ^2/NDF: 5.7/9

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: -284.298+/-154.422 χ^2/NDF: 6.5/11

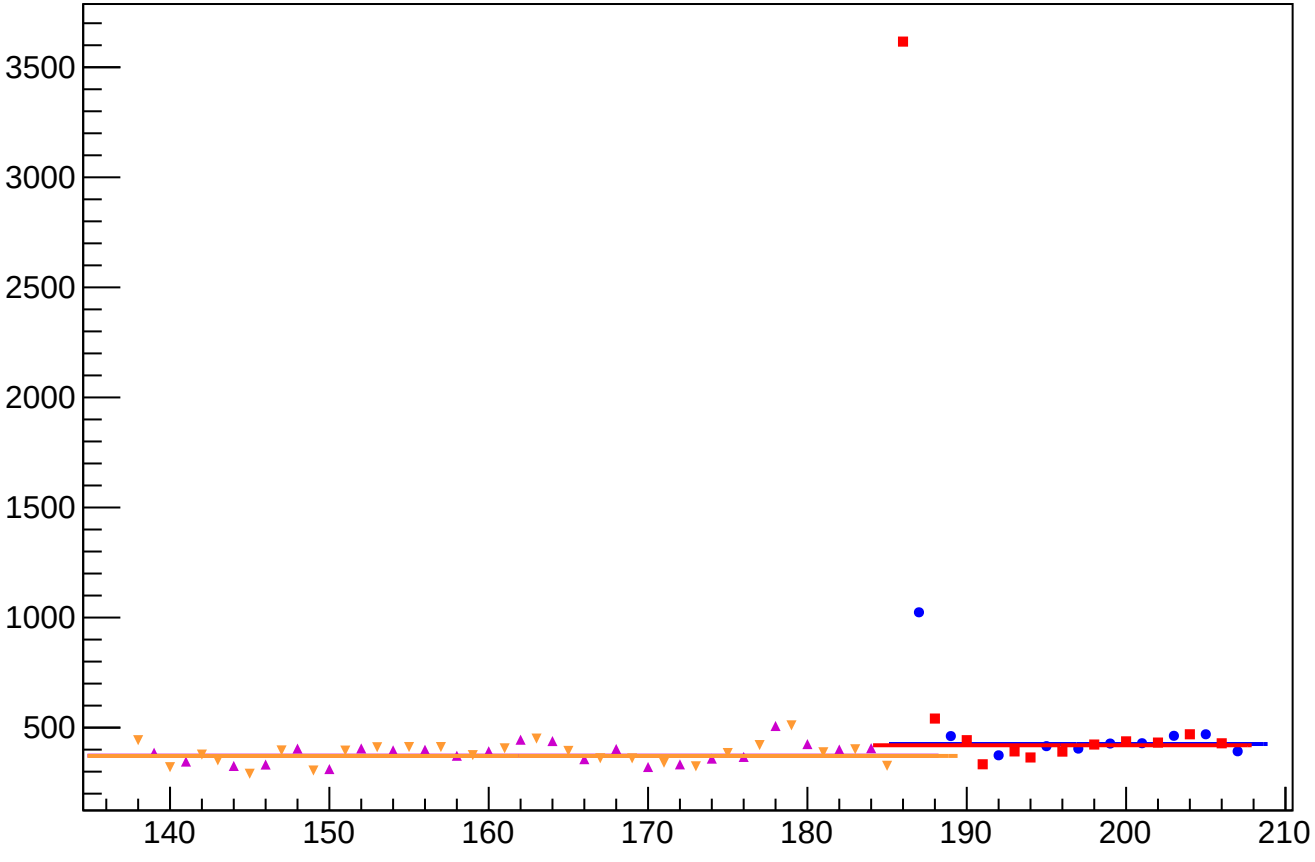
Left In: -104.117+/-89.613 χ^2/NDF:29.7/22

+ sign -341.192+/-77.463 χ^2/NDF: 34.1/34

All: -245.406+/-54.790 χ^2/NDF: 74.3/69

- sign -149.509+/-77.508 χ^2/NDF: 37.2/34

asym_sam_37_48_dd_rms vs Slug



Right In: 425.526+/-0.117 χ^2/NDF: 165377.3/9

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 419.853+/-0.109 χ^2/NDF: 771485.8/11

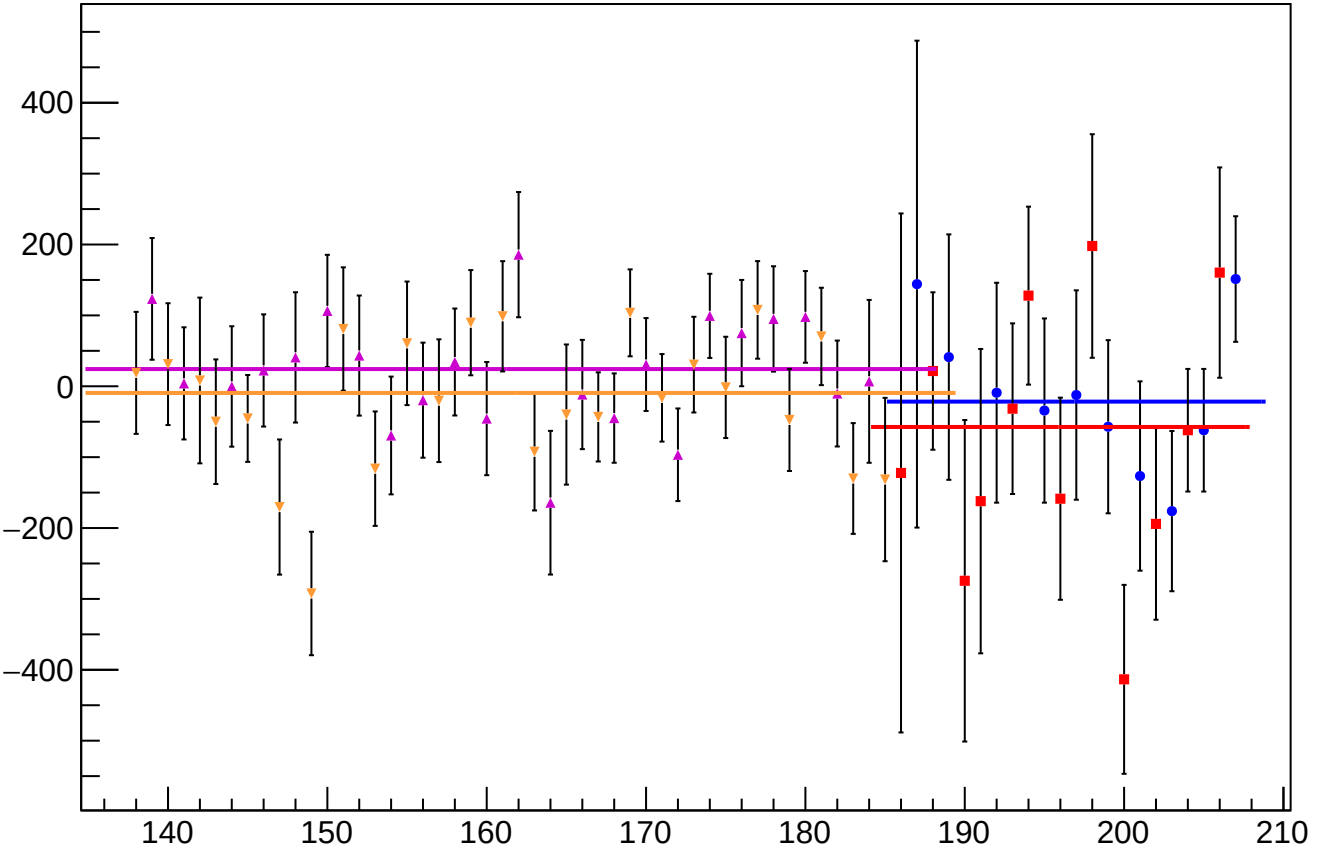
Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

+ sign 383.285+/-0.055 χ^2/NDF: 937180.4/34

All: 383.885+/-0.039 χ^2/NDF: 2313551.4/69

- sign 384.485+/-0.055 χ^2/NDF: 1376131.2/34

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -21.644+/-39.197 χ^2/NDF: 7.0/9

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: -57.410+/-39.478 χ^2/NDF: 17.4/11

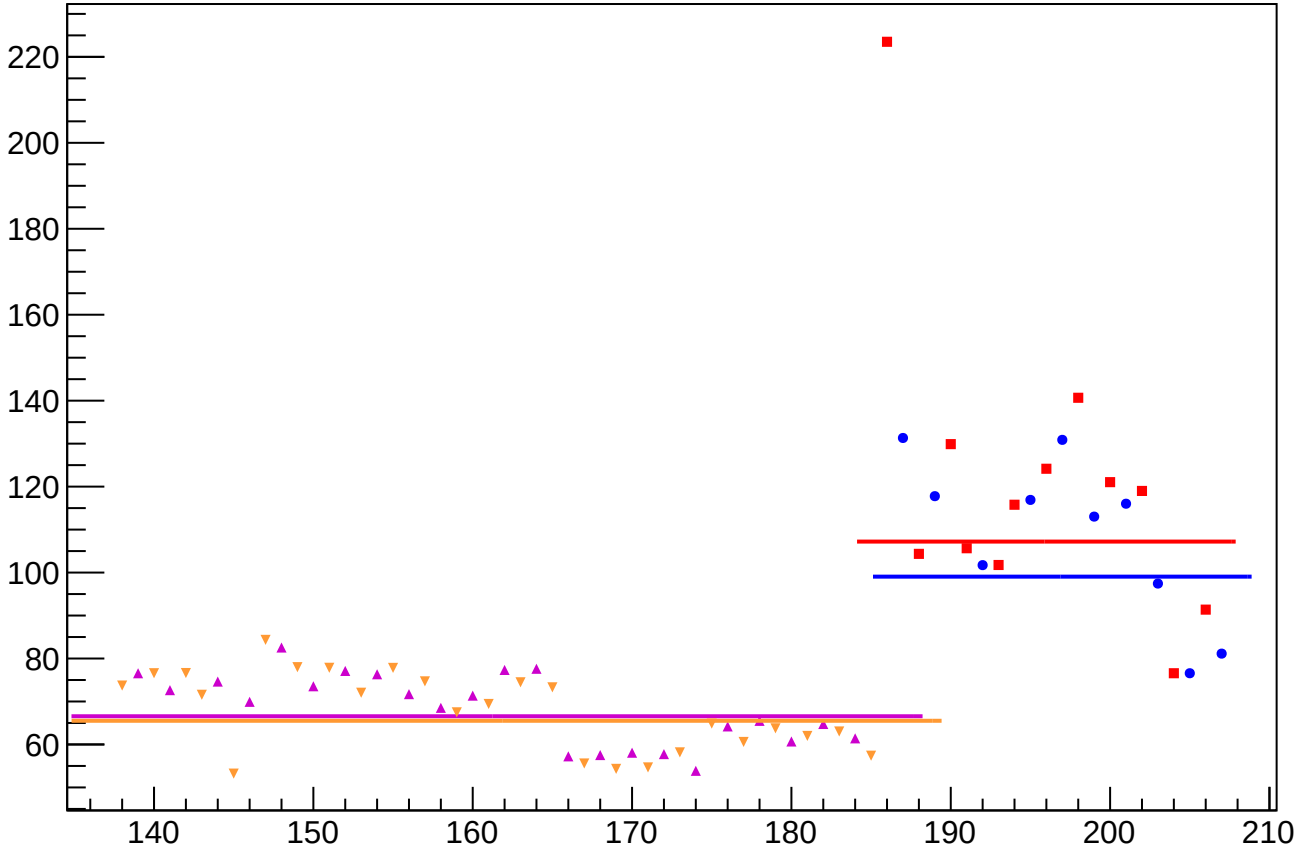
Left In: 24.293+/-16.034 χ^2/NDF:21.1/22

+ sign -11.048+/-14.391 χ^2/NDF: 41.8/34

All: 0.461+/-10.336 χ^2/NDF: 85.3/69

- sign 12.725+/-14.855 χ^2/NDF: 42.2/34

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 99.052+/-0.028 χ^2/NDF: 447983.3/9

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 107.210+/-0.028 χ^2/NDF: 665343.2/11

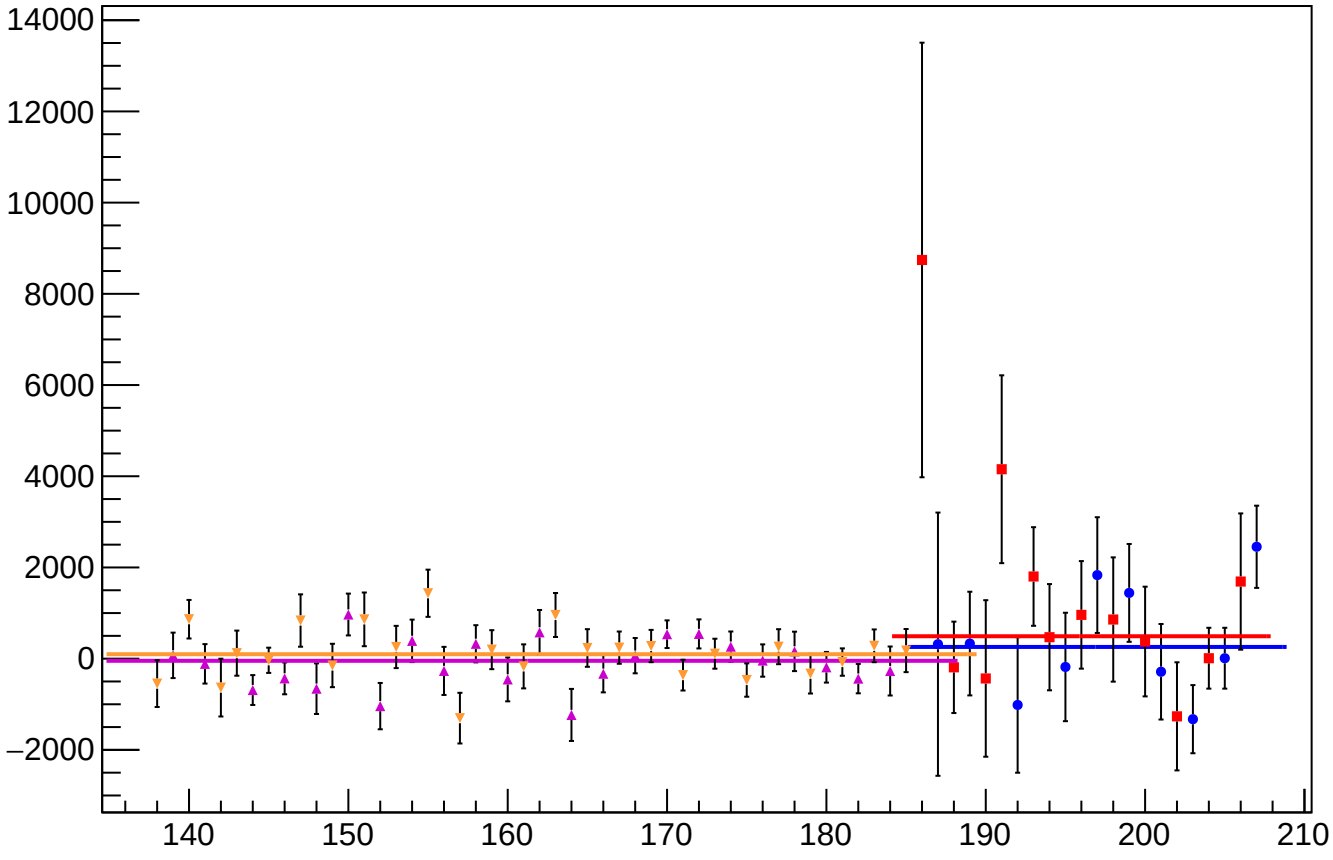
Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

+ sign 70.033+/-0.010 χ^2/NDF: 2382031.5/34

All: 71.139+/-0.007 χ^2/NDF: 5413043.0/69

- sign 72.319+/-0.011 χ^2/NDF: 3006577.6/34

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 257.171+/-320.682 χ^2/NDF: 14.5/9

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: 491.573+/-341.739 χ^2/NDF: 12.0/11

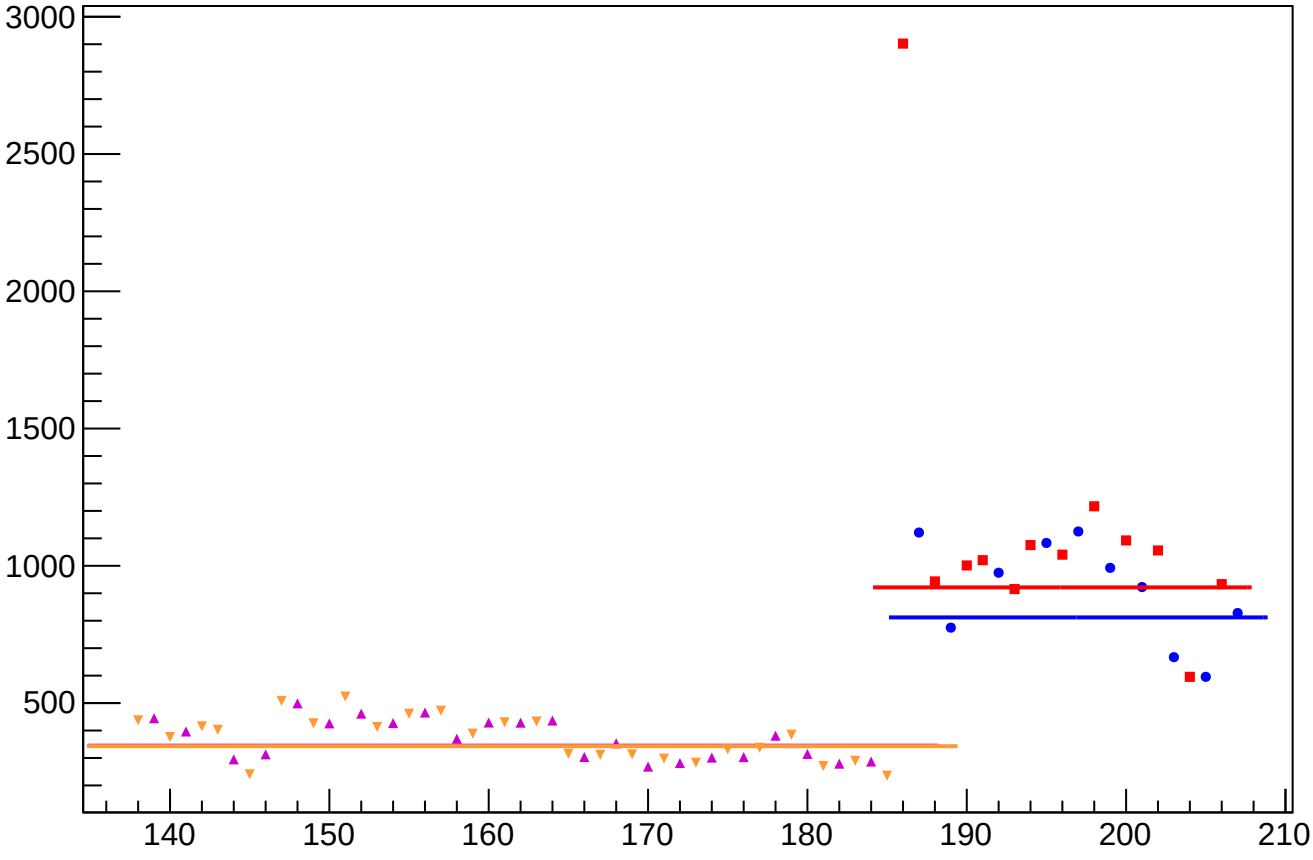
Left In: -46.660+/-83.857 χ^2/NDF:34.2/22

+ sign 107.278+/-79.660 χ^2/NDF: 48.0/34

All: 46.957+/-56.948 χ^2/NDF: 97.7/69

- sign -16.091+/-81.441 χ^2/NDF: 48.6/34

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 812.059+/-0.227 χ^2/NDF: 639931.9/9

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 921.452+/-0.242 χ^2/NDF: 1048216.7/11

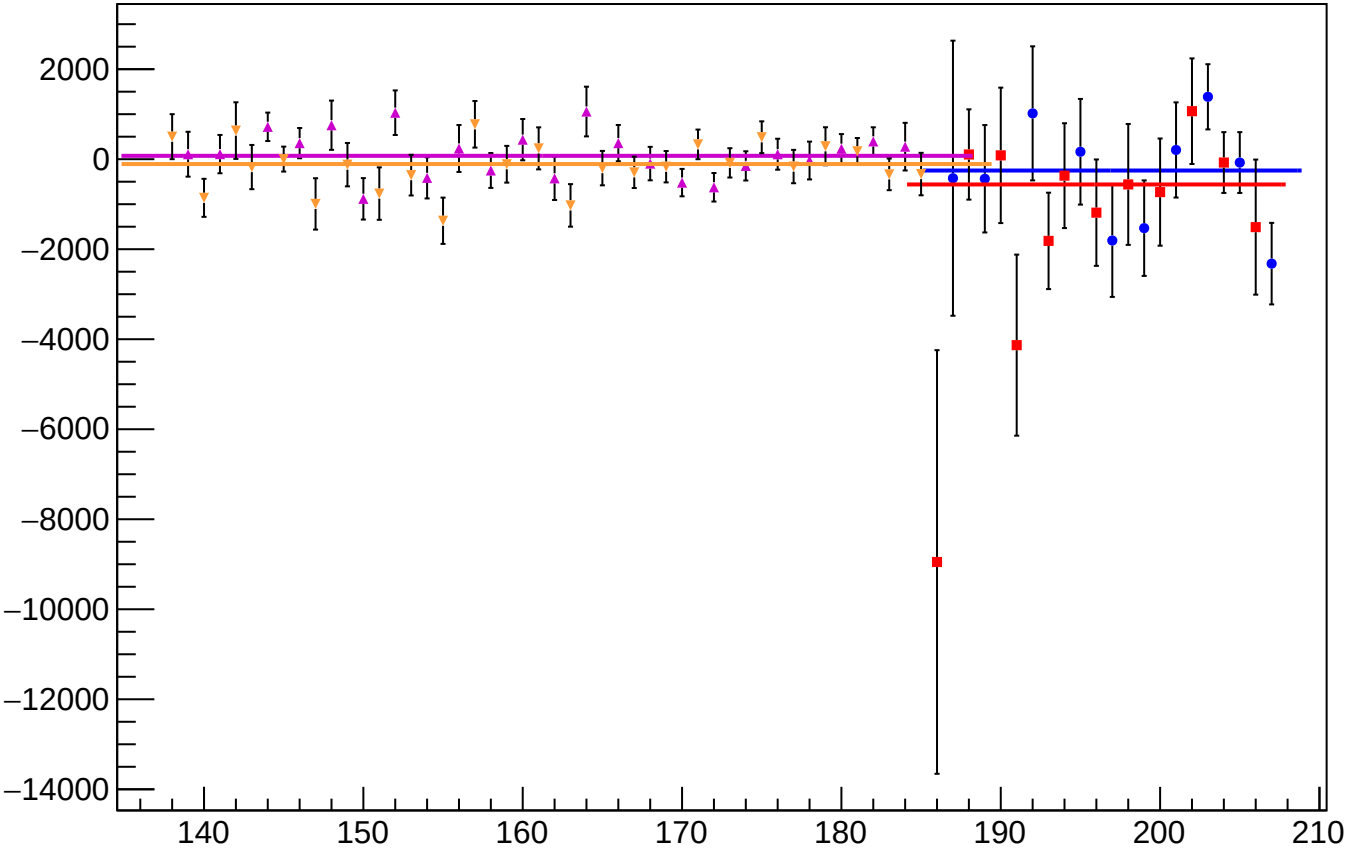
Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

+ sign 371.940+/-0.056 χ^2/NDF: 6320035.1/34

All: 374.691+/-0.040 χ^2/NDF: 14008601.1/69

- sign 377.567+/-0.058 χ^2/NDF: 7683685.5/34

asym_sam_15_26_dd_mean vs Slug



Right In: -251.768+/-320.749 χ^2/NDF: 14.5/9

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: -561.457+/-339.554 χ^2/NDF: 11.5/11

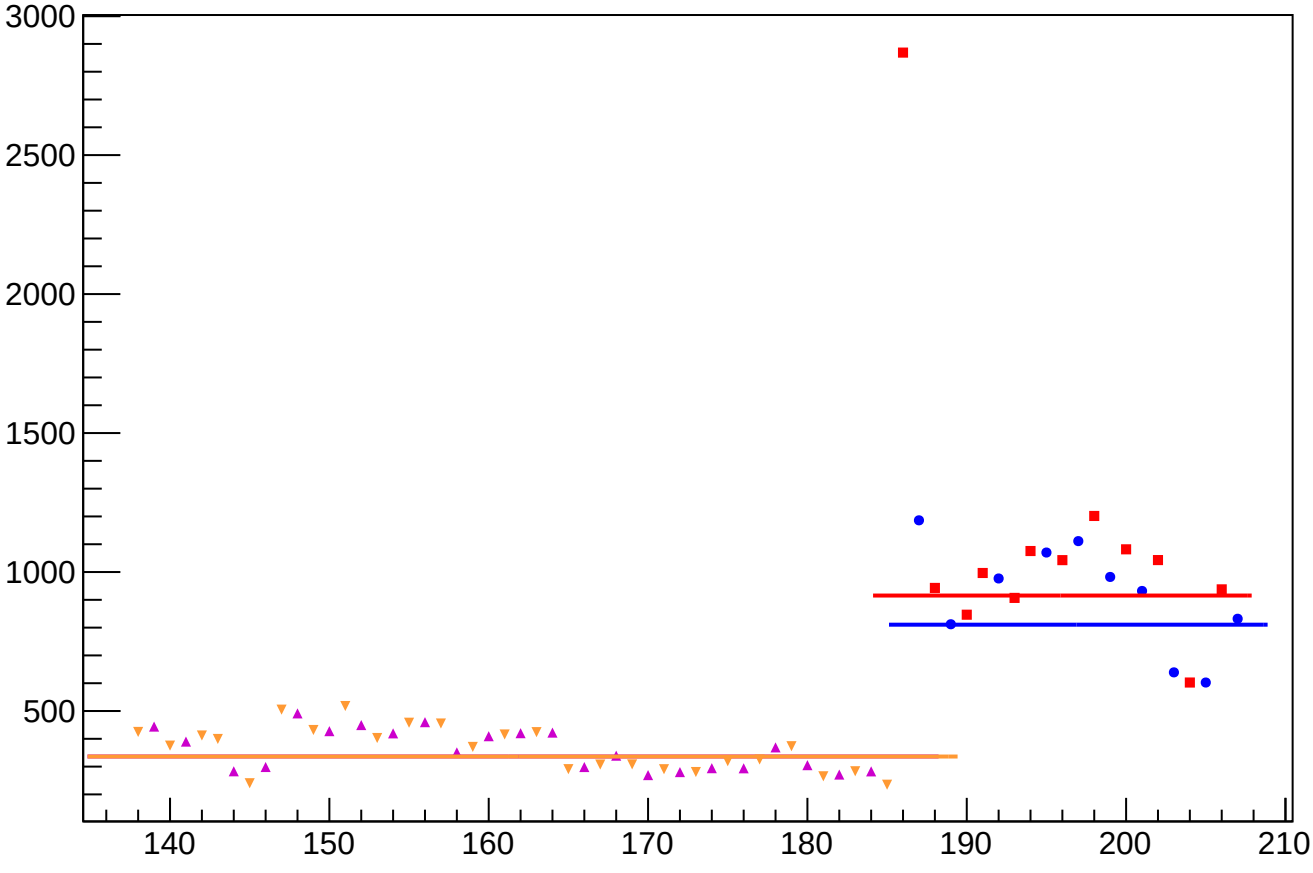
Left In: 74.986+/-81.949 χ^2/NDF:32.7/22

+ sign -116.569+/-78.151 χ^2/NDF: 45.5/34

All: -39.806+/-55.788 χ^2/NDF: 95.0/69

- sign 39.955+/-79.662 χ^2/NDF: 47.5/34

asym_sam_15_26_dd_rms vs Slug



Right In: 810.569+/-0.227 χ^2/NDF: 649712.1/9

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 915.420+/-0.240 χ^2/NDF: 997693.5/11

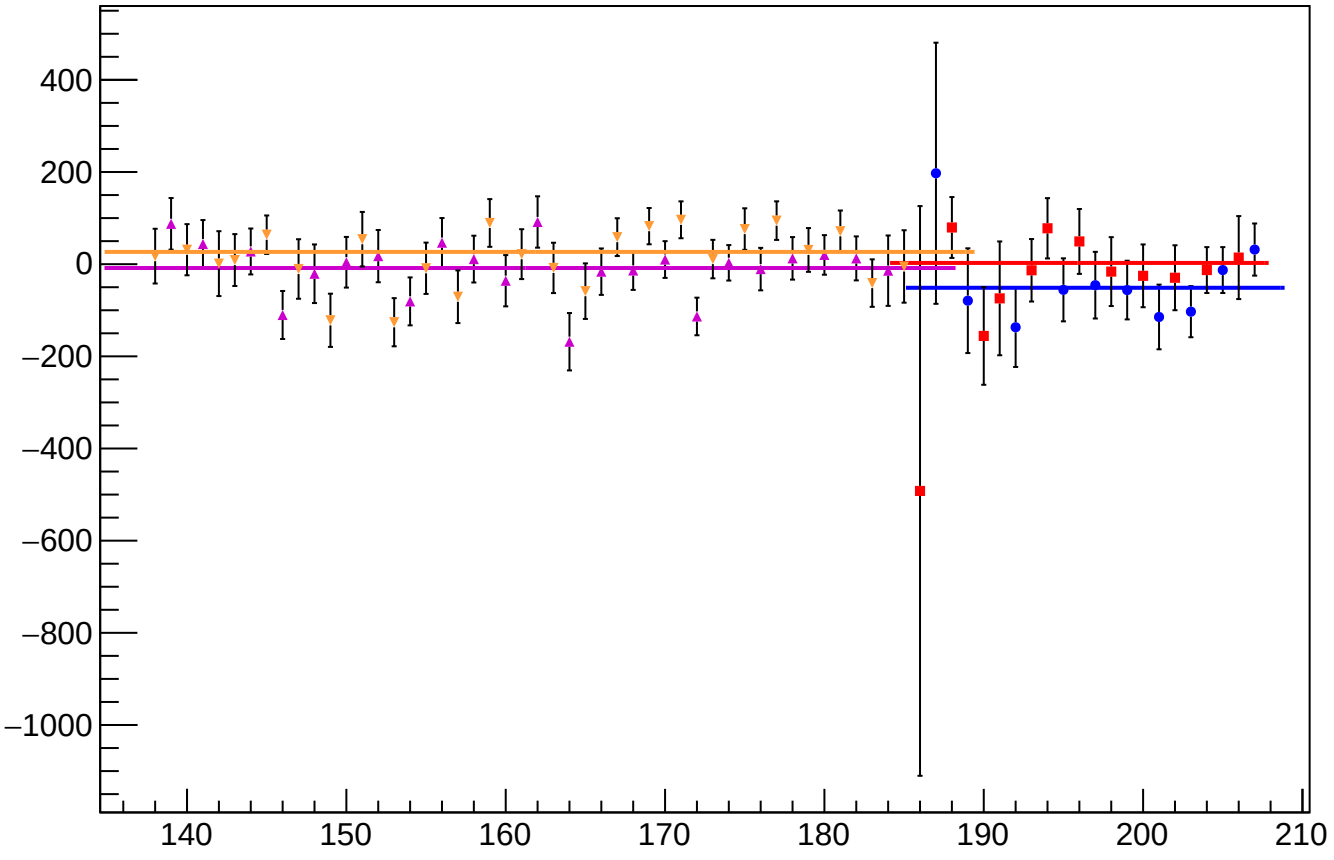
Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

+ sign 364.391+/-0.055 χ^2/NDF: 6423720.8/34

All: 366.291+/-0.039 χ^2/NDF: 14189063.5/69

- sign 368.266+/-0.056 χ^2/NDF: 7762930.9/34

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -51.204+/-21.718 χ^2/NDF: 6.3/9

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 2.715+/-21.506 χ^2/NDF: 7.0/11

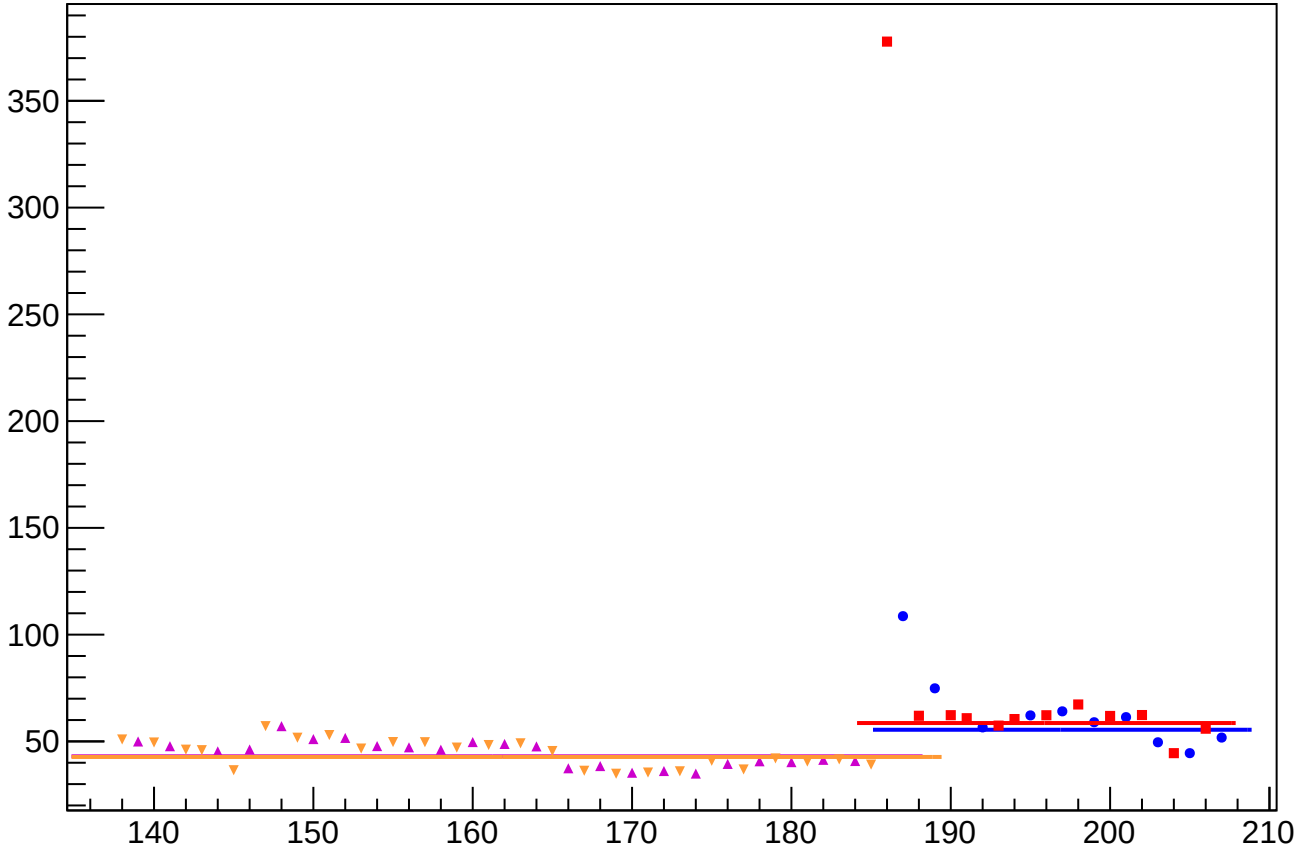
Left In: -8.325+/-10.361 χ^2/NDF:29.6/22

+ sign 12.814+/-9.151 χ^2/NDF: 53.3/34

All: 3.473+/-6.534 χ^2/NDF: 92.2/69

- sign -6.245+/-9.334 χ^2/NDF: 36.8/34

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 55.451+/-0.015 χ^2/NDF: 324933.4/9

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 58.602+/-0.015 χ^2/NDF: 748913.6/11

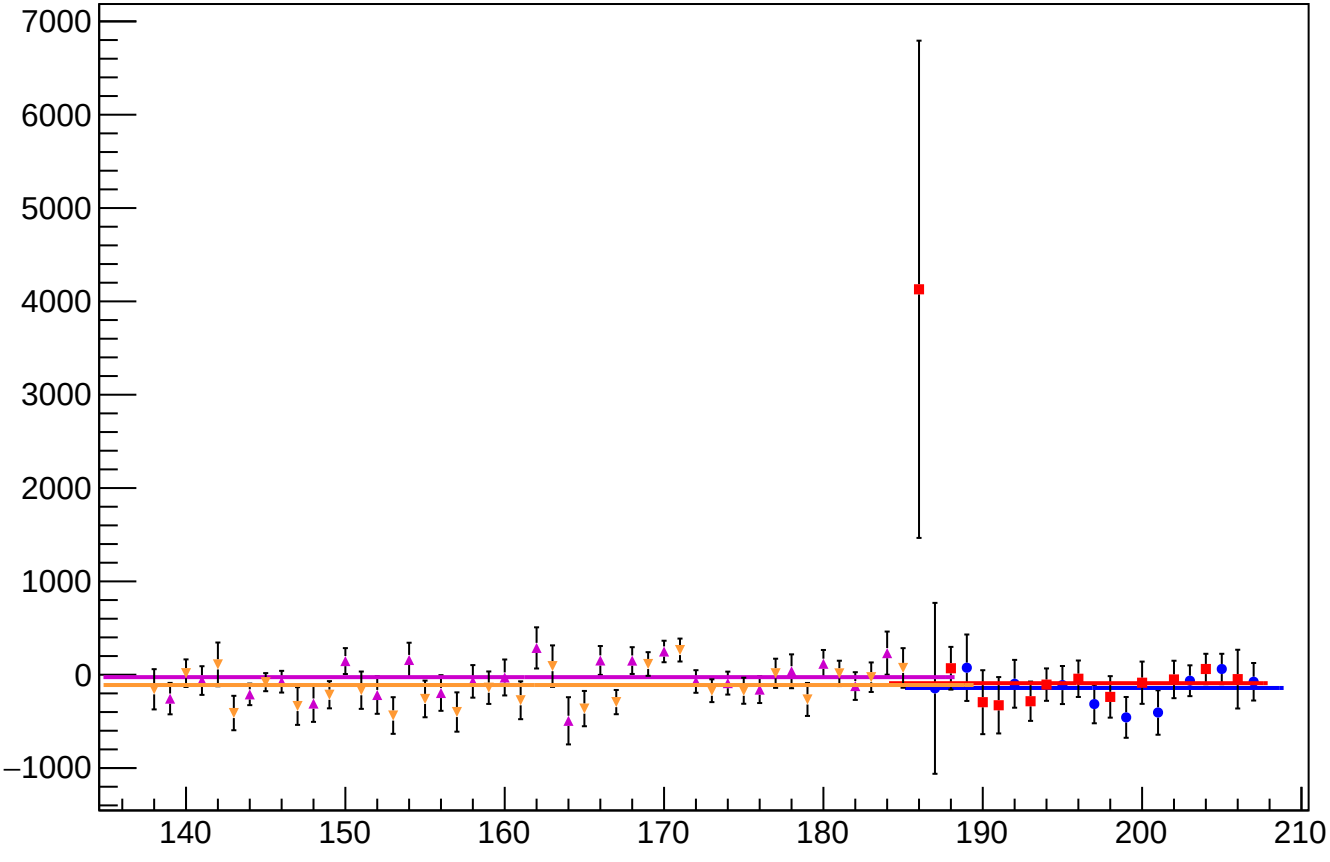
Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

+ sign 44.977+/-0.006 χ^2/NDF: 1662142.5/34

All: 45.457+/-0.005 χ^2/NDF: 3916902.5/69

- sign 45.956+/-0.007 χ^2/NDF: 2243530.8/34

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -141.944+/-69.077 χ^2/NDF: 6.3/9

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: -90.747+/-65.502 χ^2/NDF: 6.2/11

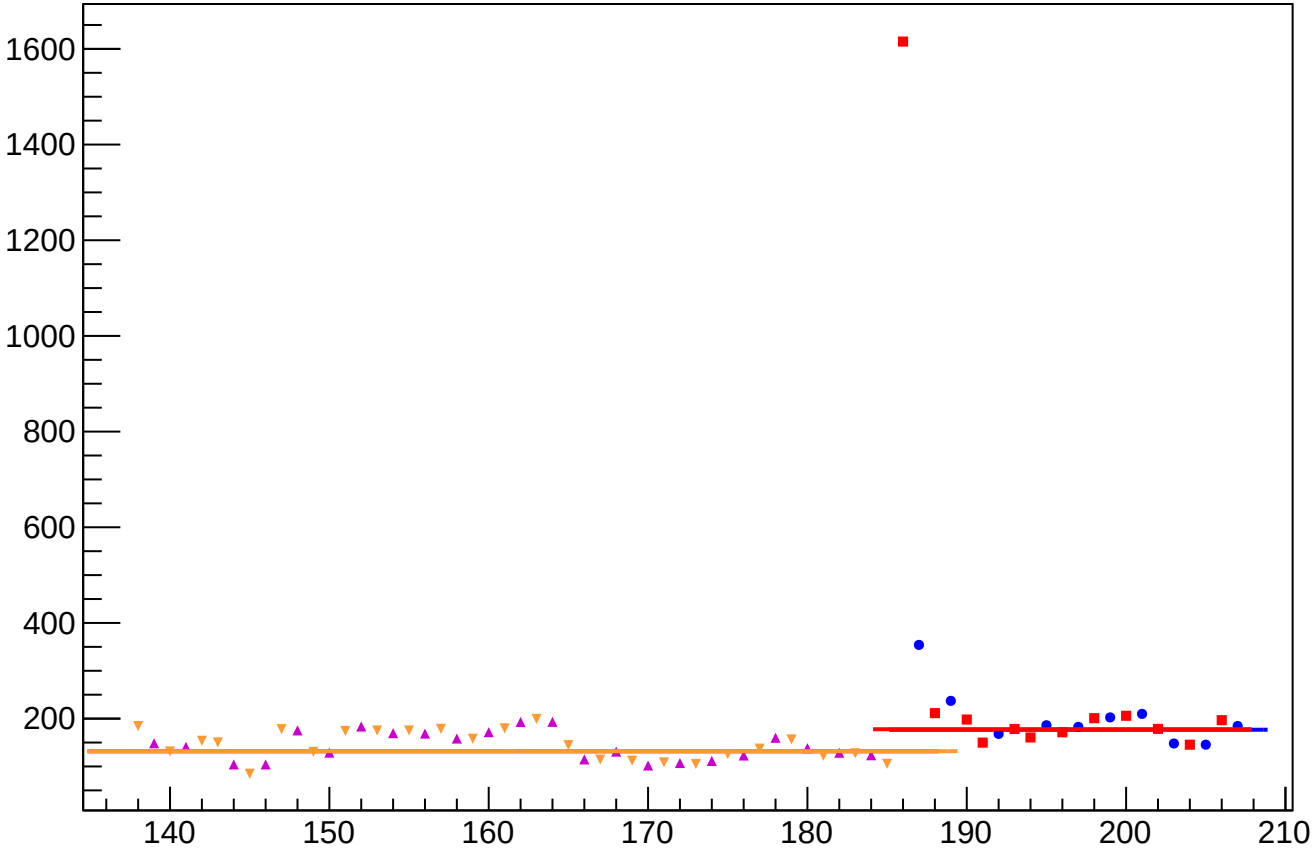
Left In: -25.828+/-32.100 χ^2/NDF:29.0/22

+ sign -115.843+/-28.824 χ^2/NDF: 39.4/34

All: -77.122+/-20.382 χ^2/NDF: 79.1/69

- sign -38.399+/-28.825 χ^2/NDF: 36.0/34

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 176.808+/-0.049 χ^2/NDF: 344658.1/9

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 177.805+/-0.046 χ^2/NDF: 810021.3/11

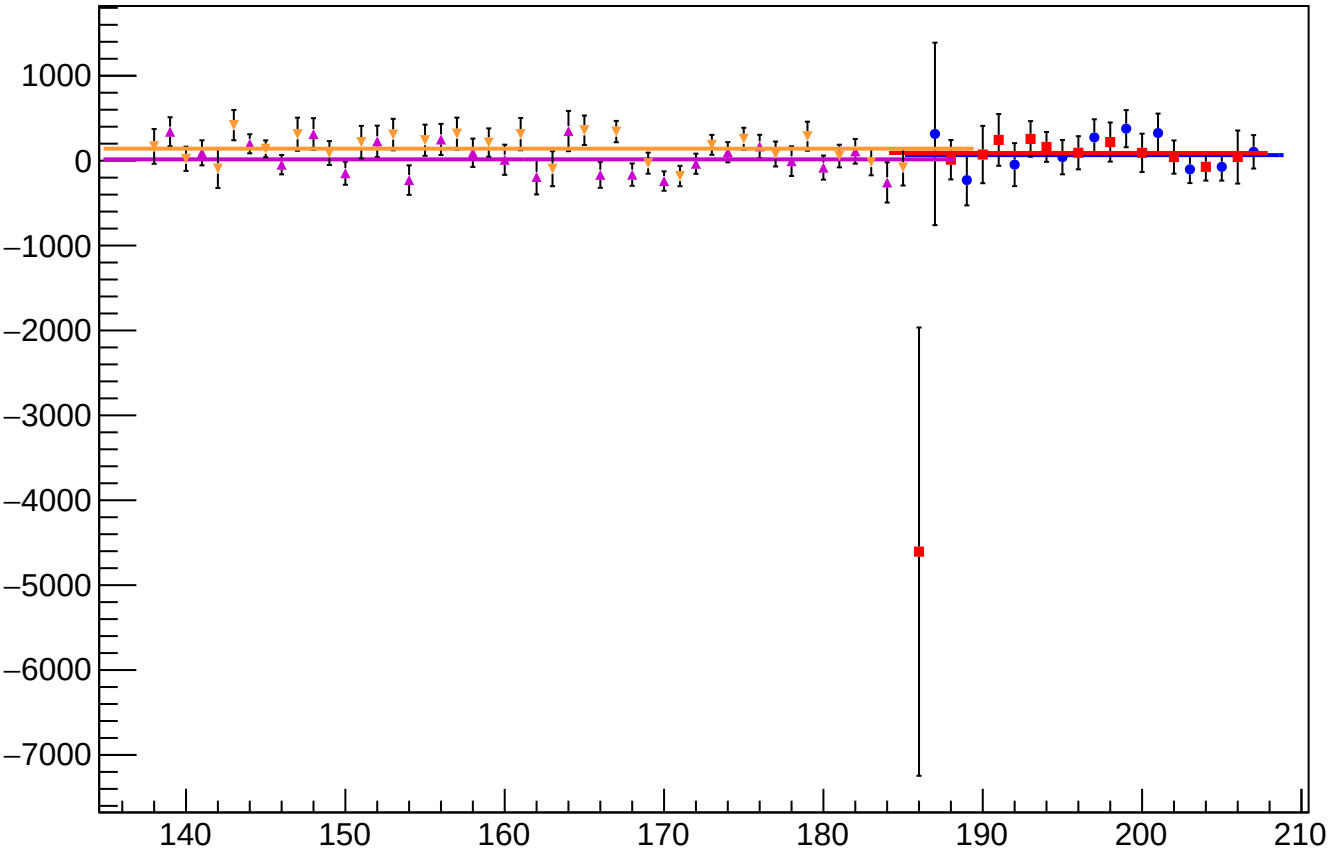
Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

+ sign 139.698+/-0.020 χ^2/NDF: 2849947.5/34

All: 140.135+/-0.014 χ^2/NDF: 5865998.2/69

- sign 140.571+/-0.020 χ^2/NDF: 3015133.1/34

asym_sam_37_26_dd_mean vs Slug



Right In: 65.041+/-68.020 χ^2/NDF: 7.4/9

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: 90.543+/-65.641 χ^2/NDF: 5.7/11

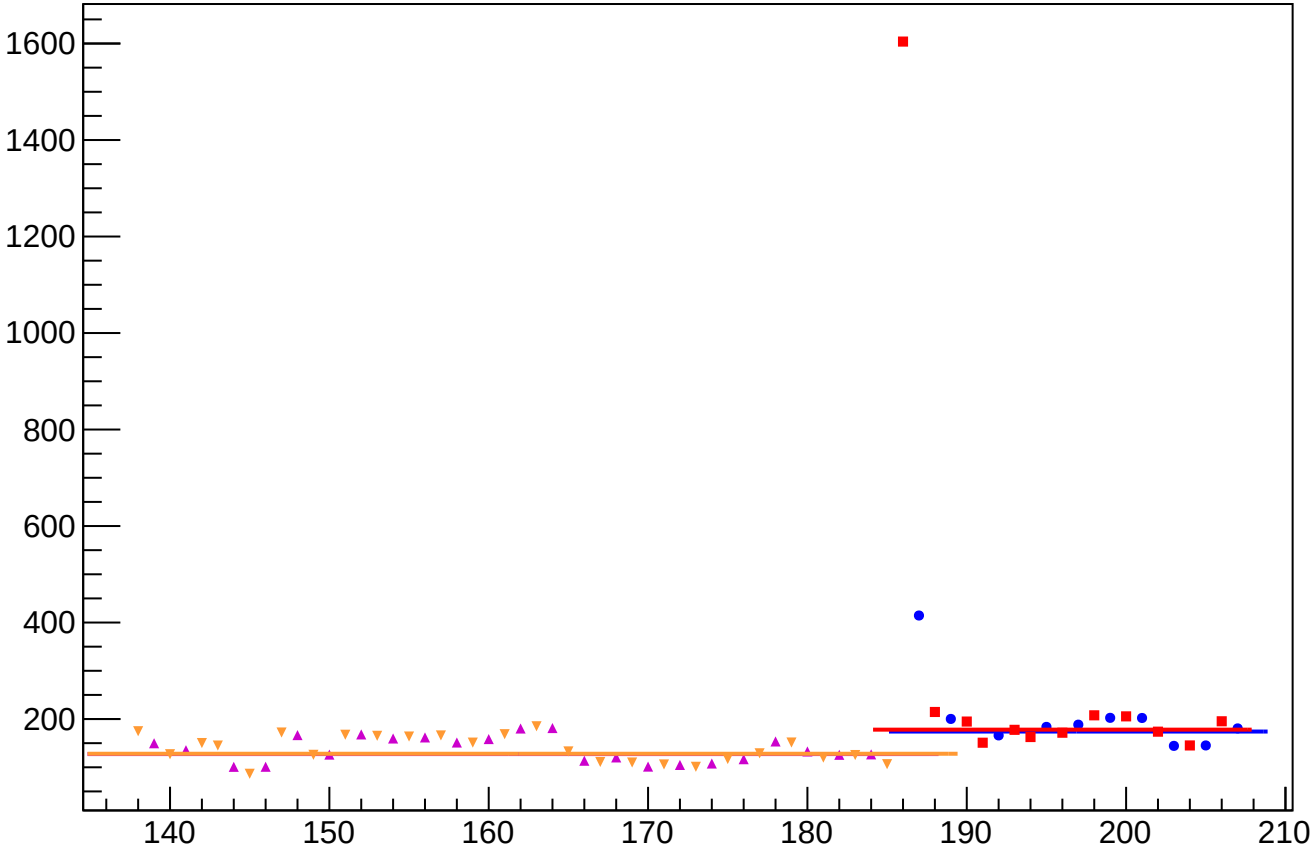
Left In: 15.199+/-31.033 χ^2/NDF:31.4/22

+ sign 128.197+/-27.933 χ^2/NDF: 35.5/34

All: 78.797+/-19.795 χ^2/NDF: 80.0/69

- sign 28.963+/-28.056 χ^2/NDF: 38.2/34

asym_sam_37_26_dd_rms vs Slug



Right In: 174.081+/-0.048 χ^2/NDF: 327437.3/9

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 178.013+/-0.046 χ^2/NDF: 822300.0/11

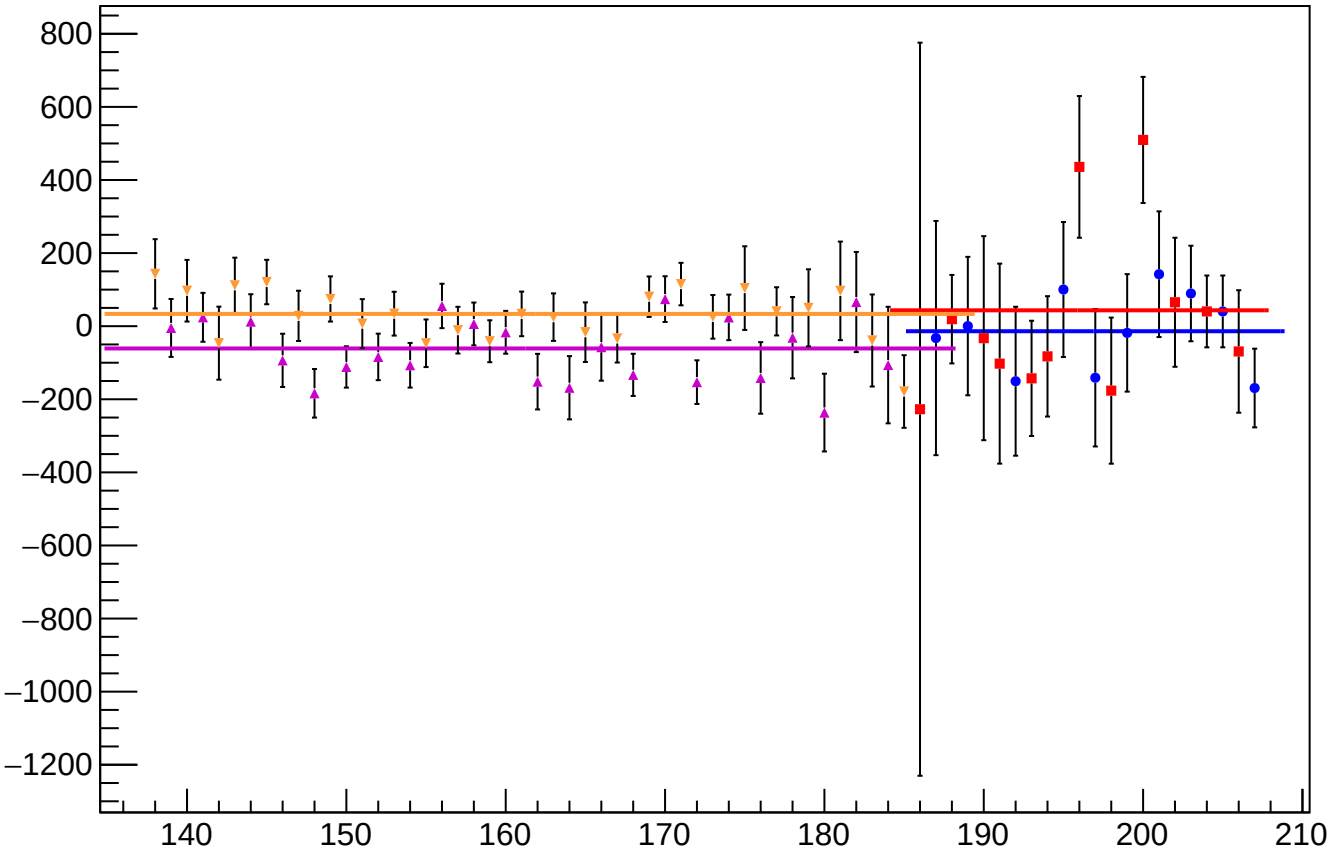
Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

+ sign 135.821+/-0.020 χ^2/NDF: 2618871.3/34

All: 136.223+/-0.014 χ^2/NDF: 5644519.6/69

- sign 136.629+/-0.020 χ^2/NDF: 3024814.3/34

dit_asym_sam_1357_avg_mean vs Slug



Right In: -13.815+/-47.659 χ^2/NDF: 5.1/9

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 43.413+/-48.280 χ^2/NDF: 15.5/11

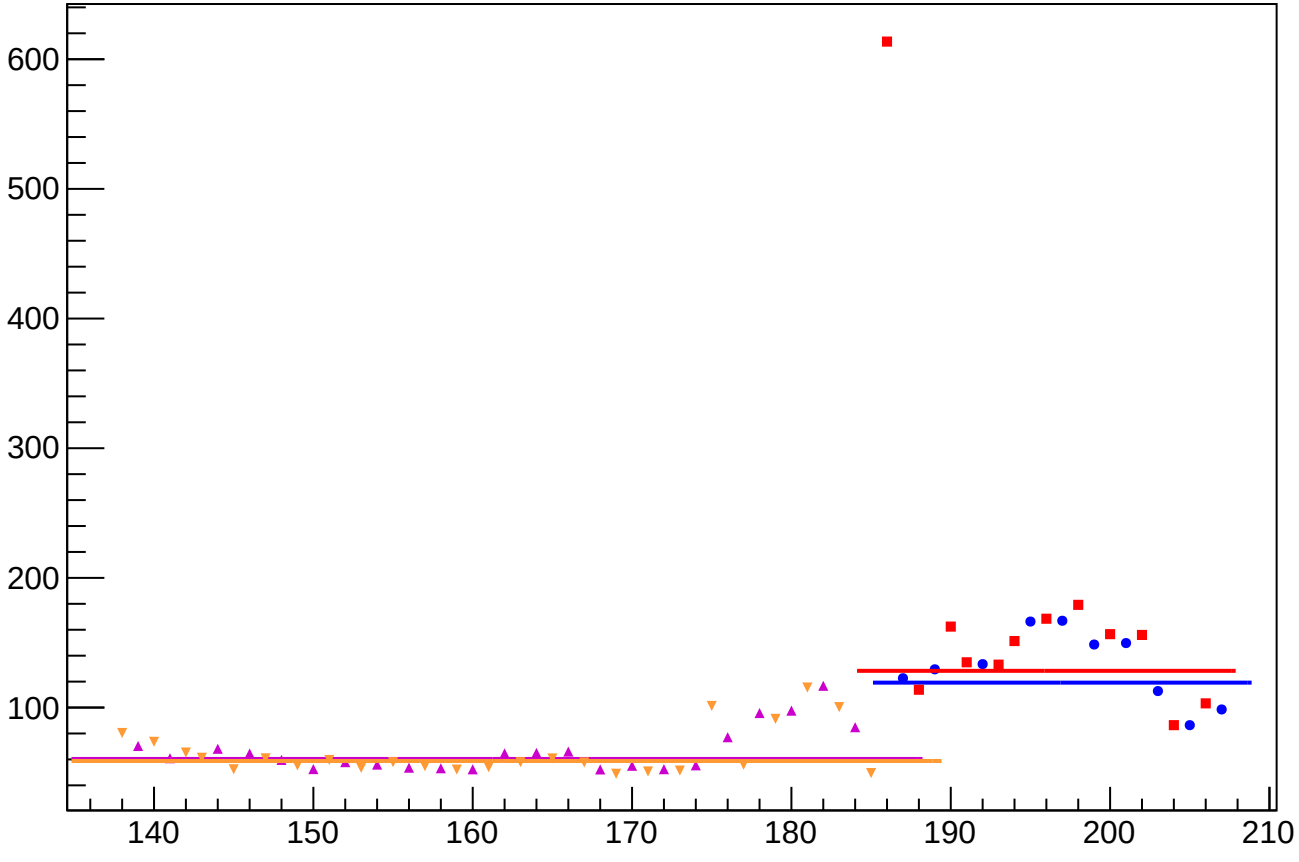
Left In: -60.992+/-14.839 χ^2/NDF:31.6/22

+ sign 29.676+/-13.606 χ^2/NDF: 25.7/34

All: -9.454+/-9.819 χ^2/NDF: 94.4/69

- sign -51.980+/-14.184 χ^2/NDF: 51.4/34

dit_asym_sam_1357_avg_rms vs Slug



Right In: 119.215+/-0.034 χ^2/NDF: 706318.4/9

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 128.314+/-0.034 χ^2/NDF: 1296047.1/11

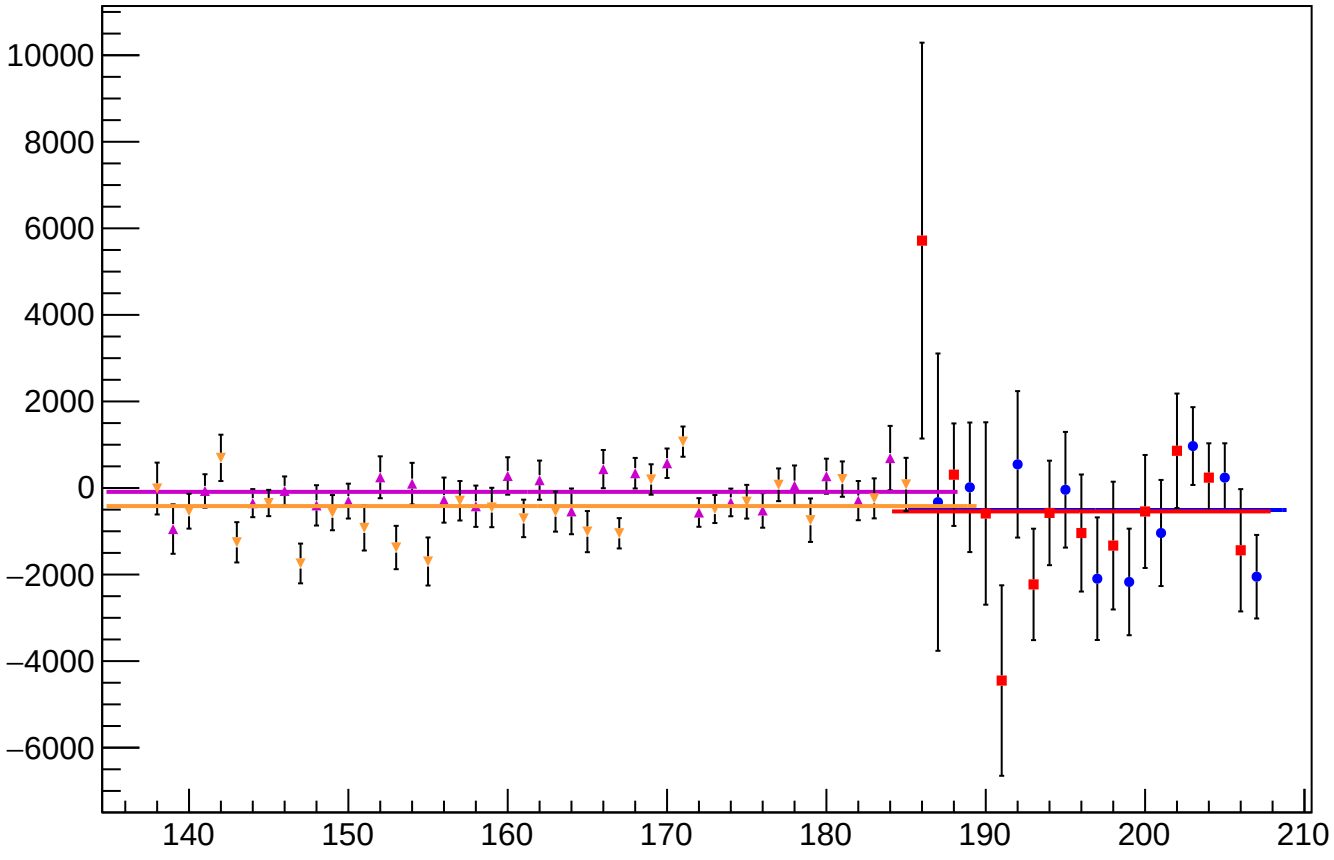
Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

+ sign 63.717+/-0.010 χ^2/NDF: 5119427.8/34

All: 64.917+/-0.007 χ^2/NDF: 11286200.8/69

- sign 66.221+/-0.010 χ^2/NDF: 6134331.0/34

asym_sam_1357_avg_correction_mean vs Slug



Right In: -508.502+/-373.667 χ^2/NDF: 10.0/9

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: -541.448+/-385.354 χ^2/NDF: 10.2/11

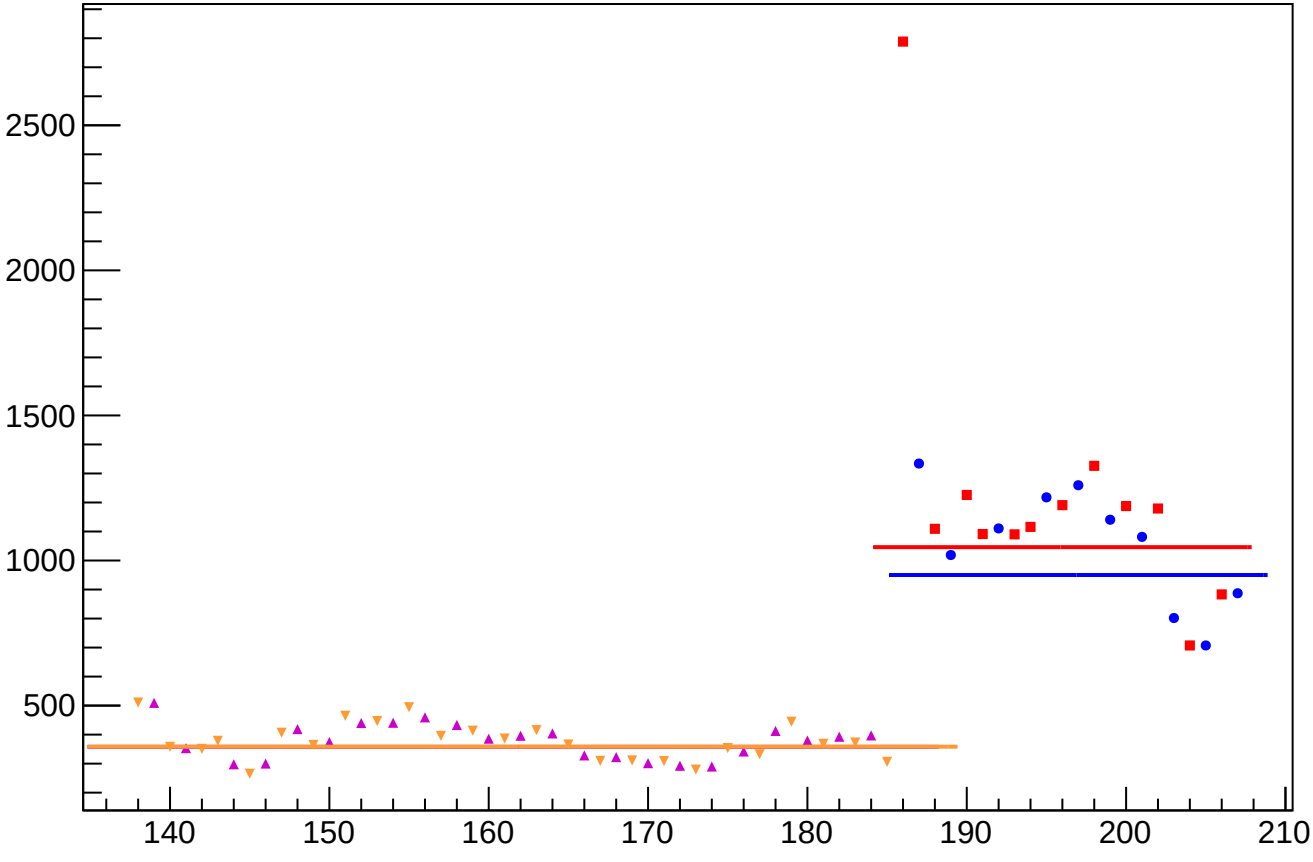
Left In: -89.505+/-86.438 χ^2/NDF:19.4/22

+ sign -422.276+/-82.854 χ^2/NDF: 68.6/34

All: -269.485+/-59.106 χ^2/NDF: 106.4/69

- sign -111.155+/-84.343 χ^2/NDF: 30.9/34

asym_sam_1357_avg_correction_rms vs Slug



Right In: 950.086+/-0.264 χ^2/NDF: 543737.0/9

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1046.104+/-0.272 χ^2/NDF: 850331.7/11

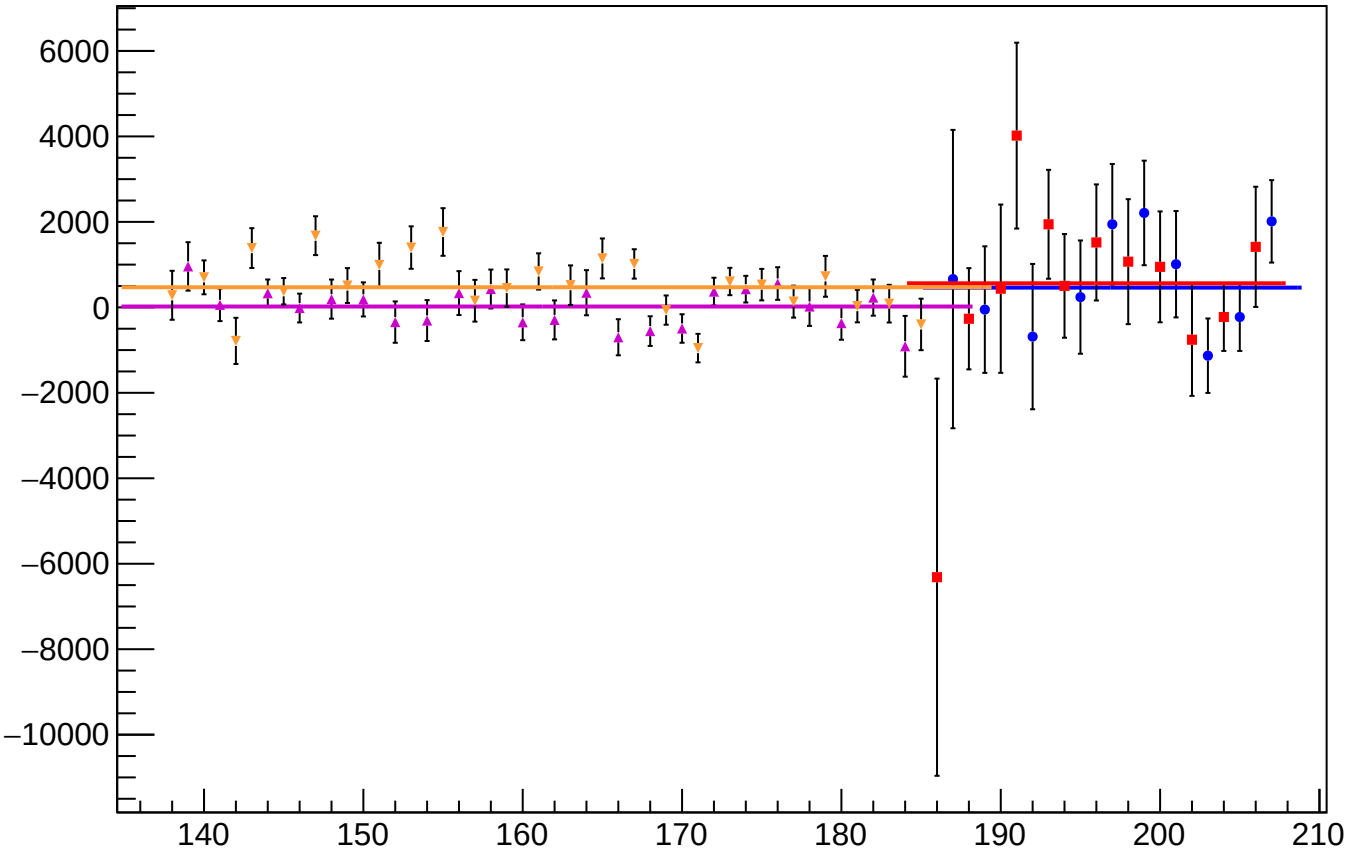
Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

+ sign 387.442+/-0.059 χ^2/NDF: 6324557.1/34

All: 389.078+/-0.042 χ^2/NDF: 14144840.9/69

- sign 390.774+/-0.060 χ^2/NDF: 7818695.2/34

asym_sam_1357_avg_mean vs Slug



Right In: 461.872+/-371.444 χ^2/NDF: 10.6/9

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: 562.492+/-383.541 χ^2/NDF: 9.5/11

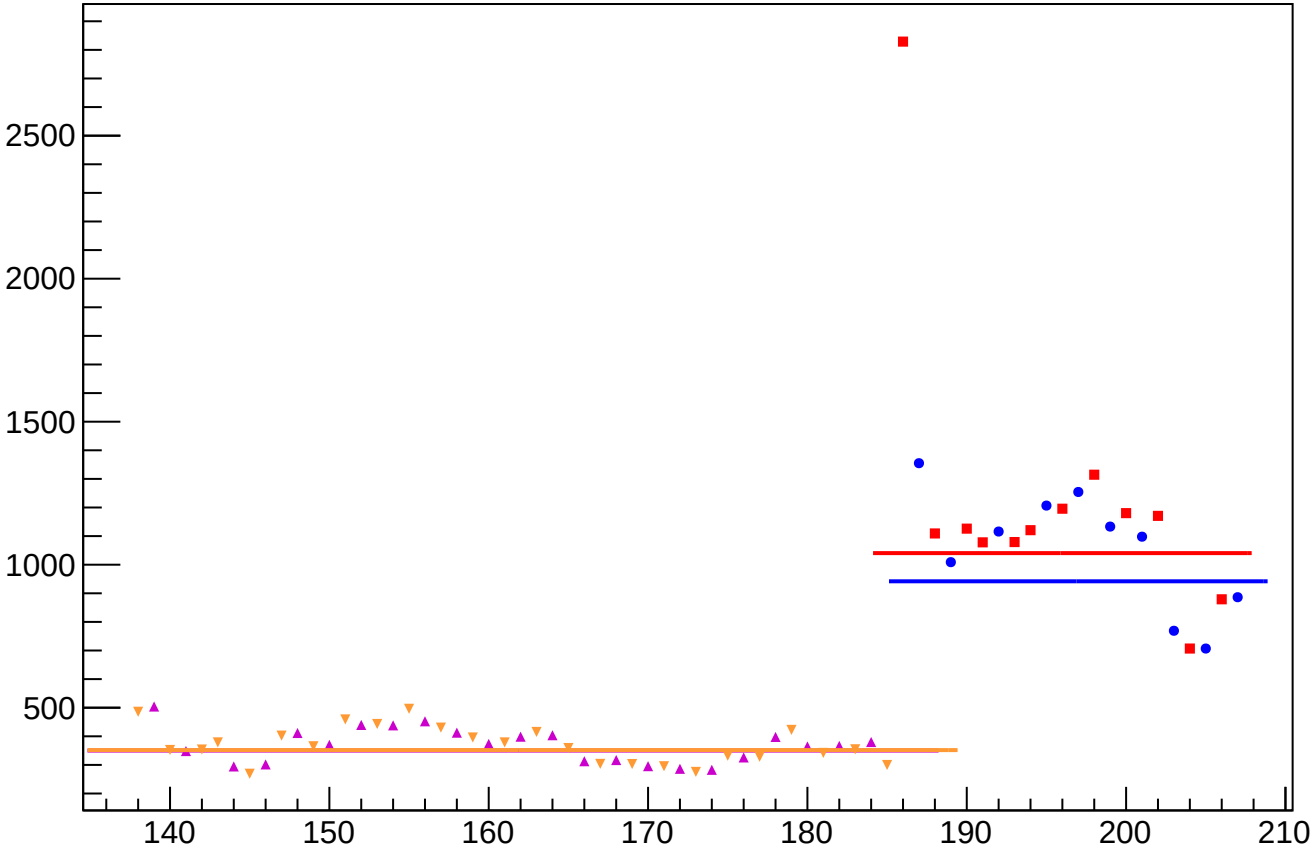
Left In: 19.328+/-84.679 χ^2/NDF:23.7/22

+ sign 470.375+/-81.448 χ^2/NDF: 69.3/34

All: 260.691+/-58.026 χ^2/NDF: 117.8/69

- sign 44.574+/-82.688 χ^2/NDF: 35.0/34

asym_sam_1357_avg_rms vs Slug



Right In: 941.968+/-0.263 χ^2/NDF: 571930.8/9

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1040.519+/-0.271 χ^2/NDF: 836626.7/11

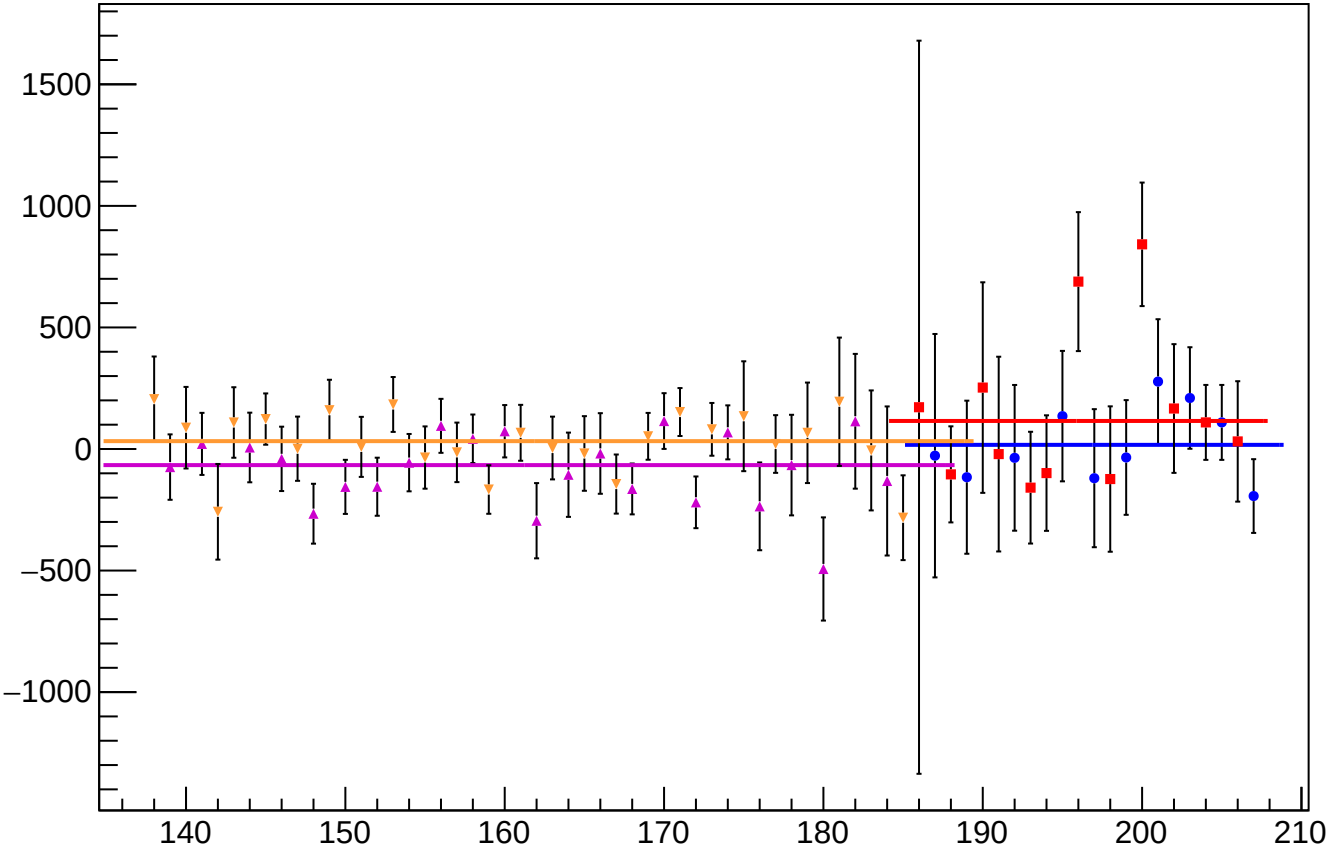
Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

+ sign 380.154+/-0.058 χ^2/NDF: 6395221.0/34

All: 381.127+/-0.041 χ^2/NDF: 14302626.3/69

- sign 382.130+/-0.058 χ^2/NDF: 7906825.4/34

dit_asym_sam_2468_avg_mean vs Slug



Right In: 17.065+/-71.948 χ^2/NDF: 4.9/9

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: 115.345+/-73.352 χ^2/NDF: 16.7/11

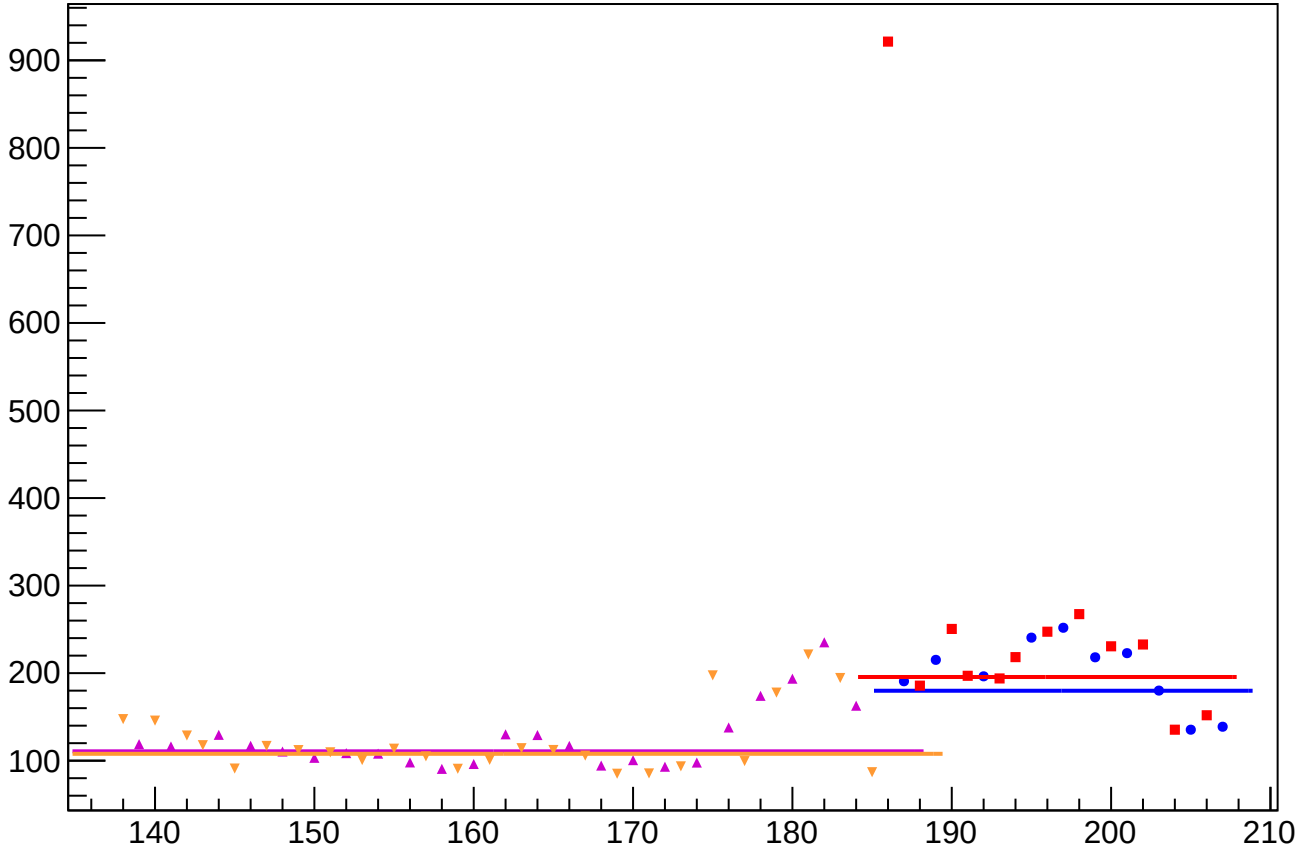
Left In: -66.254+/-27.450 χ^2/NDF:24.2/22

+ sign 30.530+/-24.718 χ^2/NDF: 24.5/34

All: -5.245+/-17.818 χ^2/NDF: 75.1/69

- sign -43.946+/-25.709 χ^2/NDF: 46.3/34

dit_asym_sam_2468_avg_rms vs Slug



Right In: 179.889+/-0.051 χ^2/NDF: 684868.1/9

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 195.597+/-0.052 χ^2/NDF: 1144742.4/11

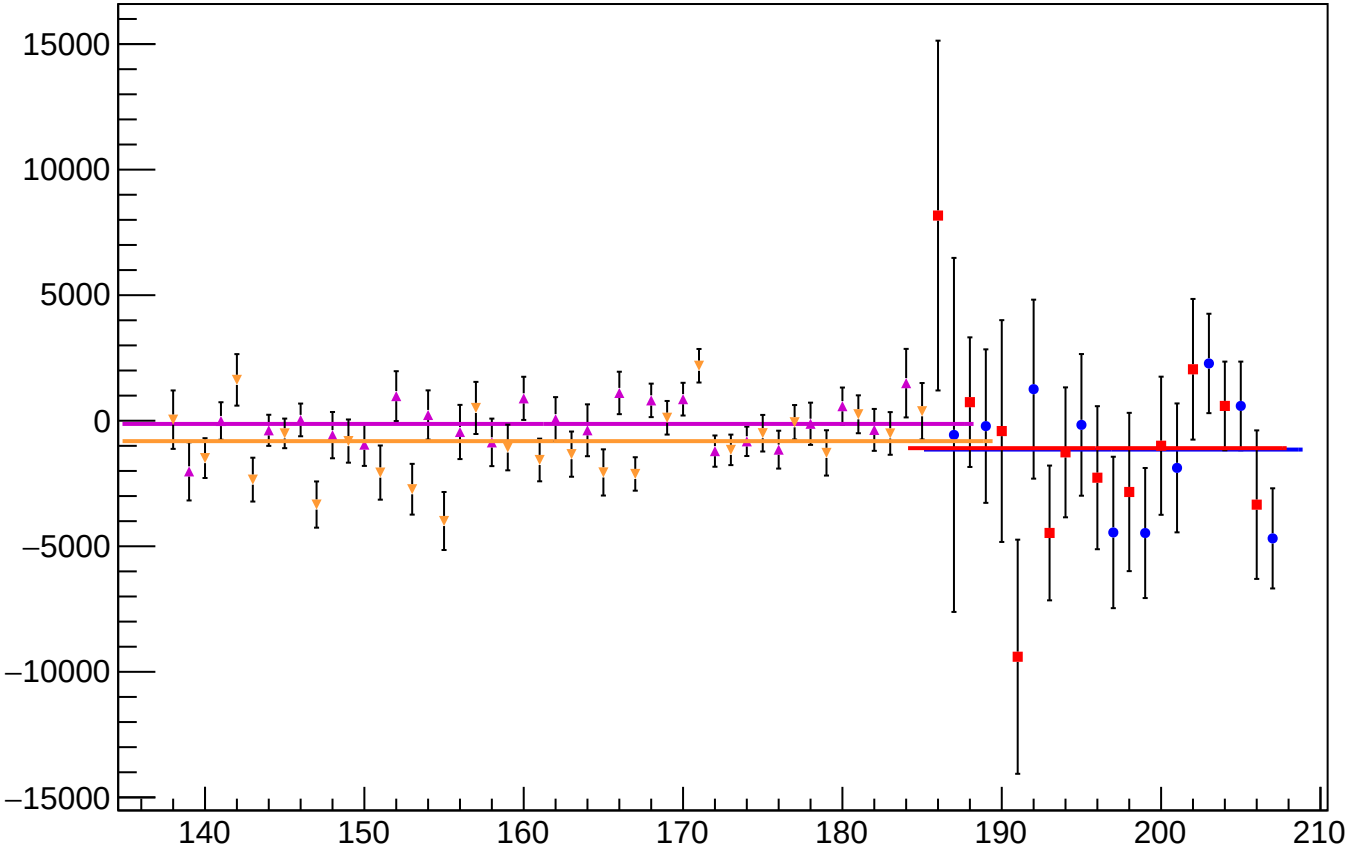
Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

+ sign 116.355+/-0.017 χ^2/NDF: 4286876.2/34

All: 118.644+/-0.013 χ^2/NDF: 9224420.1/69

- sign 121.121+/-0.018 χ^2/NDF: 4901822.6/34

asym_sam_2468_avg_correction_mean vs Slug



Right In: -1148.941+/-798.116 χ^2/NDF: 10.7/9

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: -1092.537+/-823.405 χ^2/NDF: 10.3/11

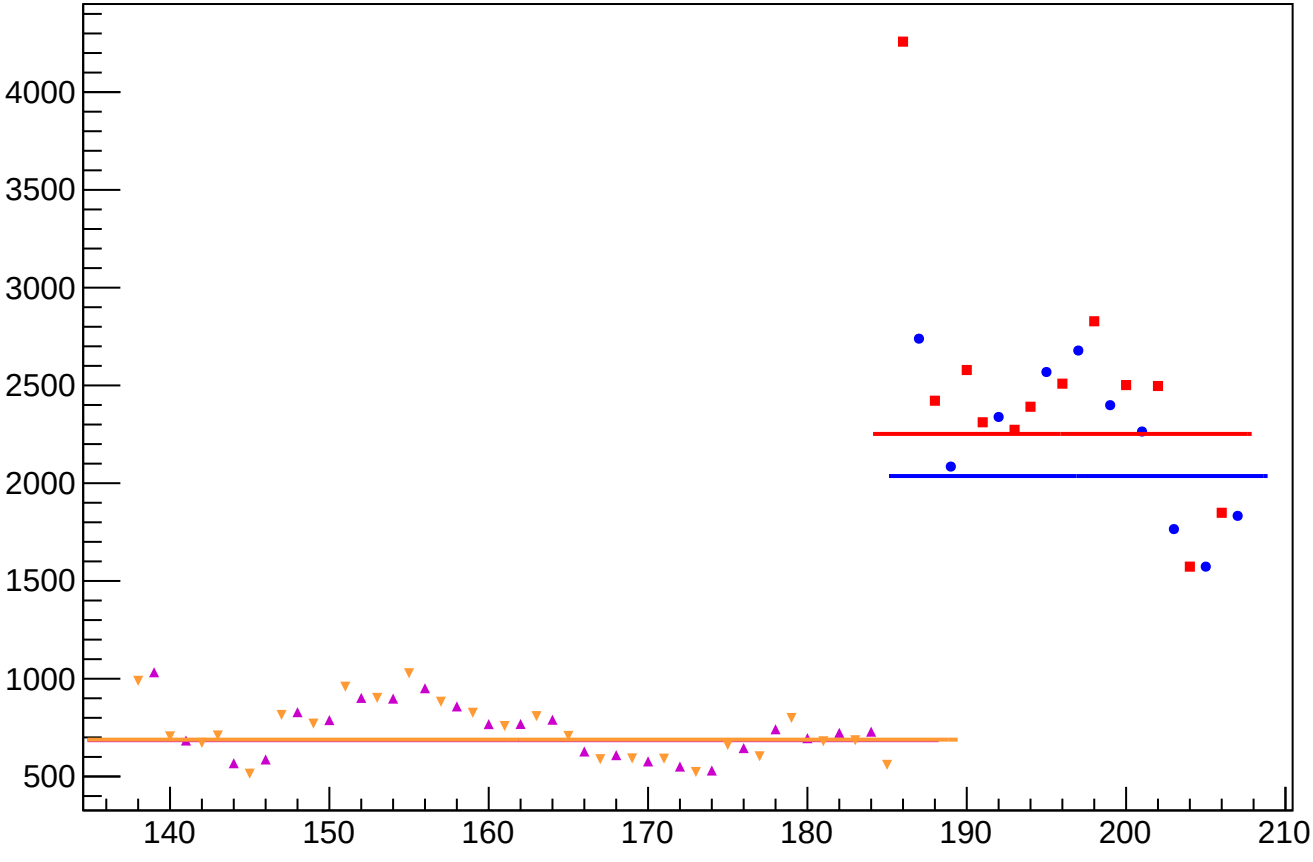
Left In: -127.427+/-166.308 χ^2/NDF:22.8/22

+ sign -826.654+/-160.739 χ^2/NDF: 77.1/34

All: -500.606+/-114.457 χ^2/NDF: 119.8/69

- sign -165.255+/-163.017 χ^2/NDF: 34.4/34

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2036.598+/-0.564 χ^2/NDF: 447619.6/9

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2252.020+/-0.582 χ^2/NDF: 639539.6/11

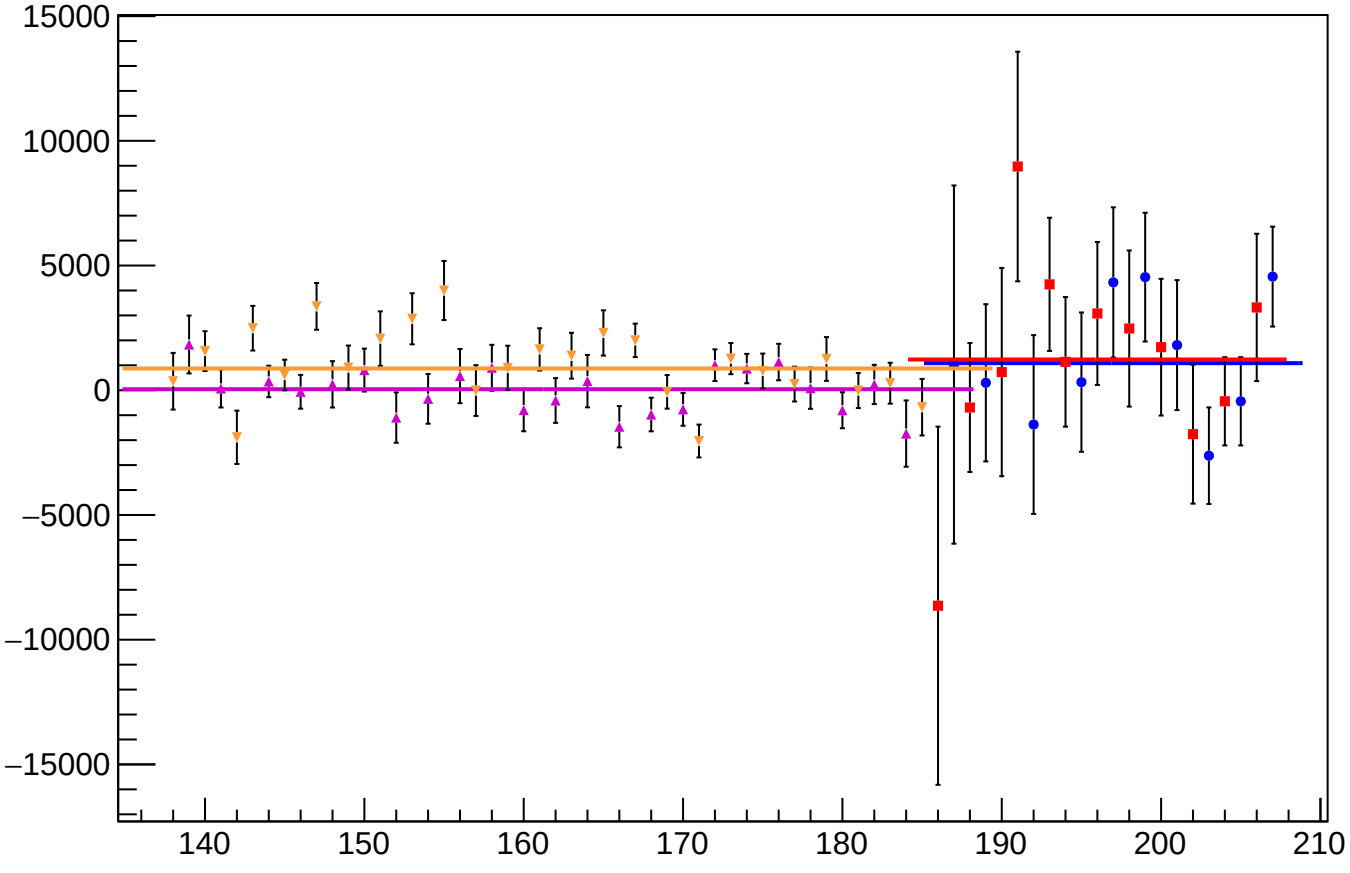
Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

+ sign 743.193+/-0.114 χ^2/NDF: 7209893.8/34

All: 745.131+/-0.081 χ^2/NDF: 15959422.7/69

- sign 747.125+/-0.115 χ^2/NDF: 8748939.0/34

asym_sam_2468_avg_mean vs Slug



Right In: 1086.027+/-798.095 χ^2/NDF: 11.1/9

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: 1233.555+/-821.318 χ^2/NDF: 9.7/11

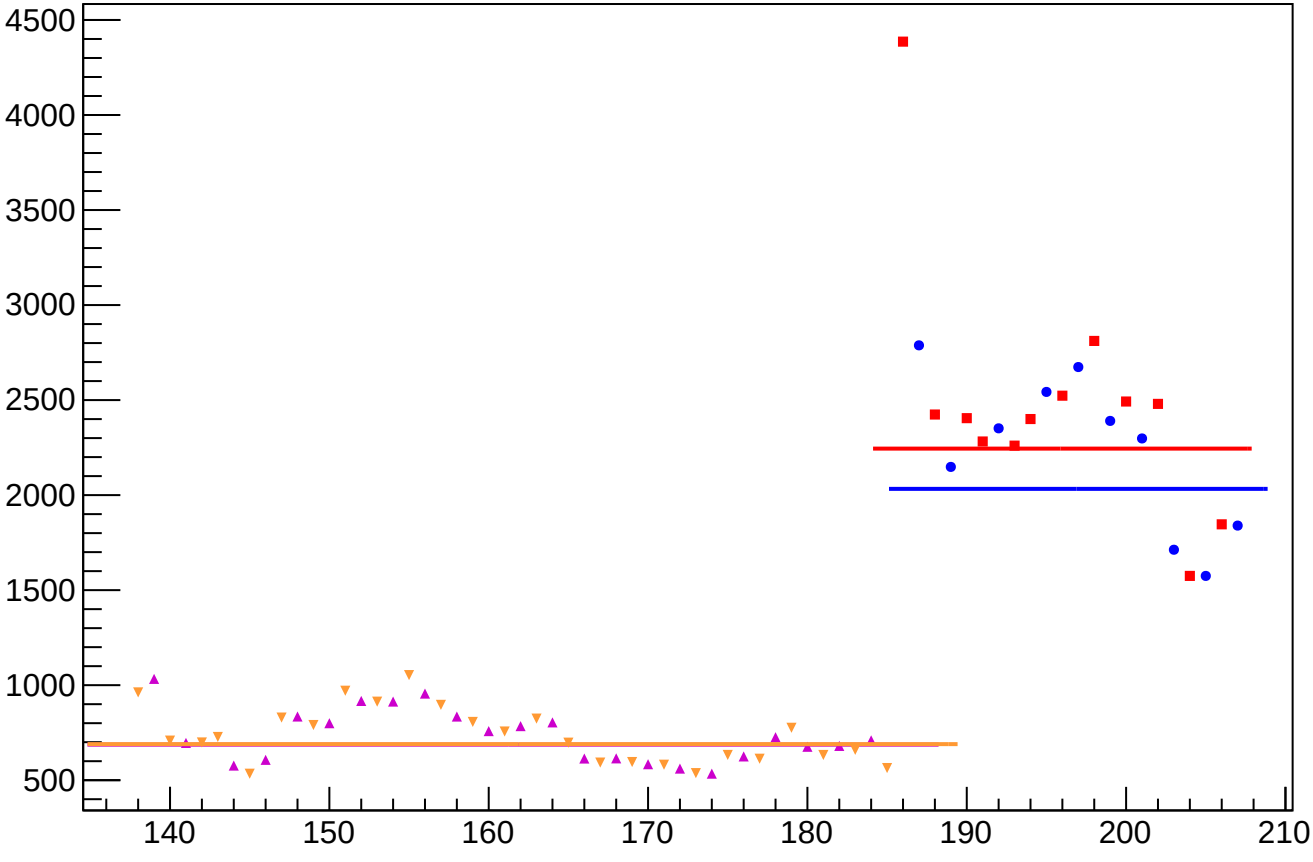
Left In: 41.522+/-166.728 χ^2/NDF:24.1/22

+ sign 882.086+/-160.896 χ^2/NDF: 75.3/34

All: 491.507+/-114.644 χ^2/NDF: 123.1/69

- sign 88.700+/-163.395 χ^2/NDF: 35.8/34

asym_sam_2468_avg_rms vs Slug



Right In: 2032.882+/-0.564 χ^2/NDF: 464639.2/9

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2244.701+/-0.581 χ^2/NDF: 636094.1/11

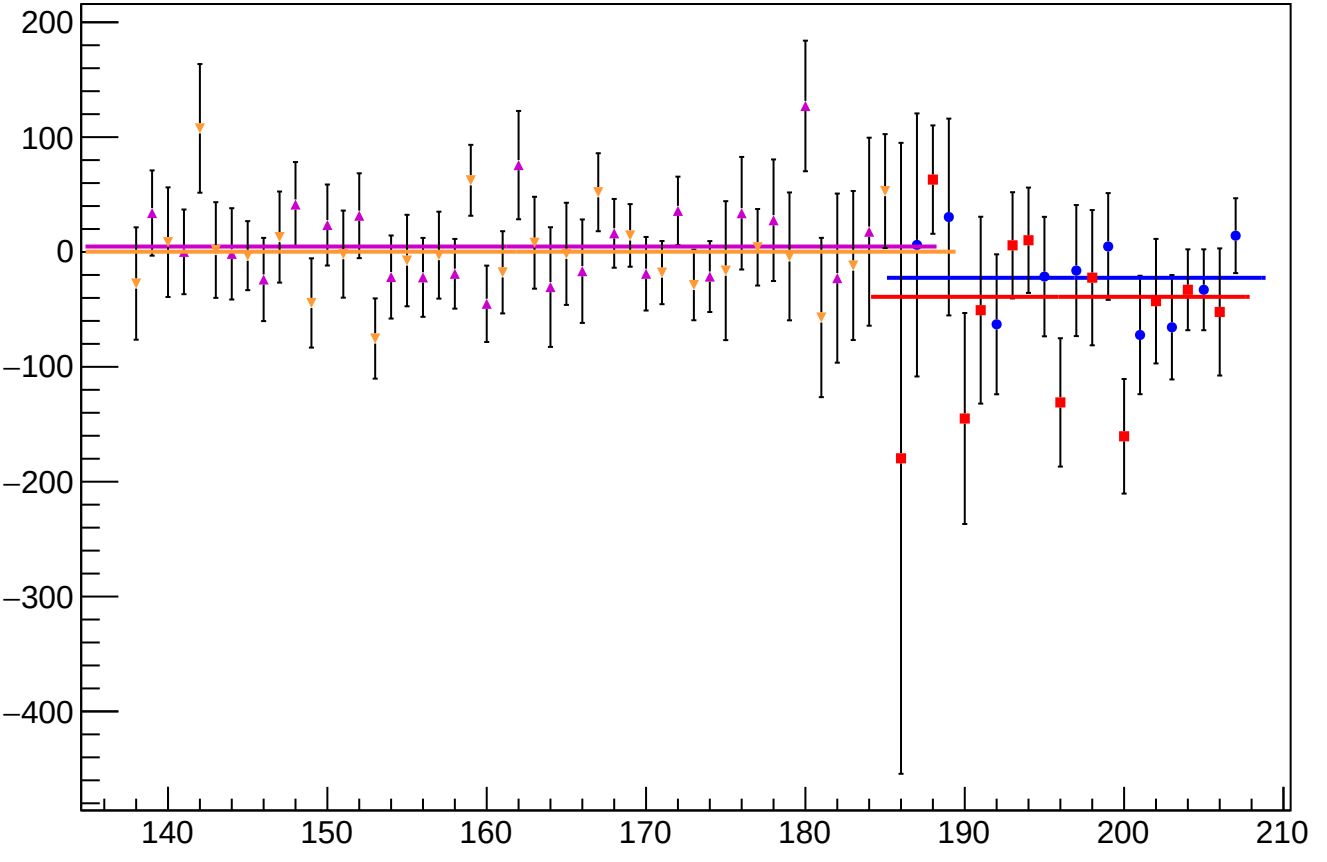
Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

+ sign 744.354+/-0.114 χ^2/NDF: 7157351.1/34

All: 746.443+/-0.081 χ^2/NDF: 15820025.6/69

- sign 748.597+/-0.116 χ^2/NDF: 8661989.9/34

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -22.481+/-15.376 χ^2/NDF: 4.4/9

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: -39.035+/-15.505 χ^2/NDF: 17.2/11

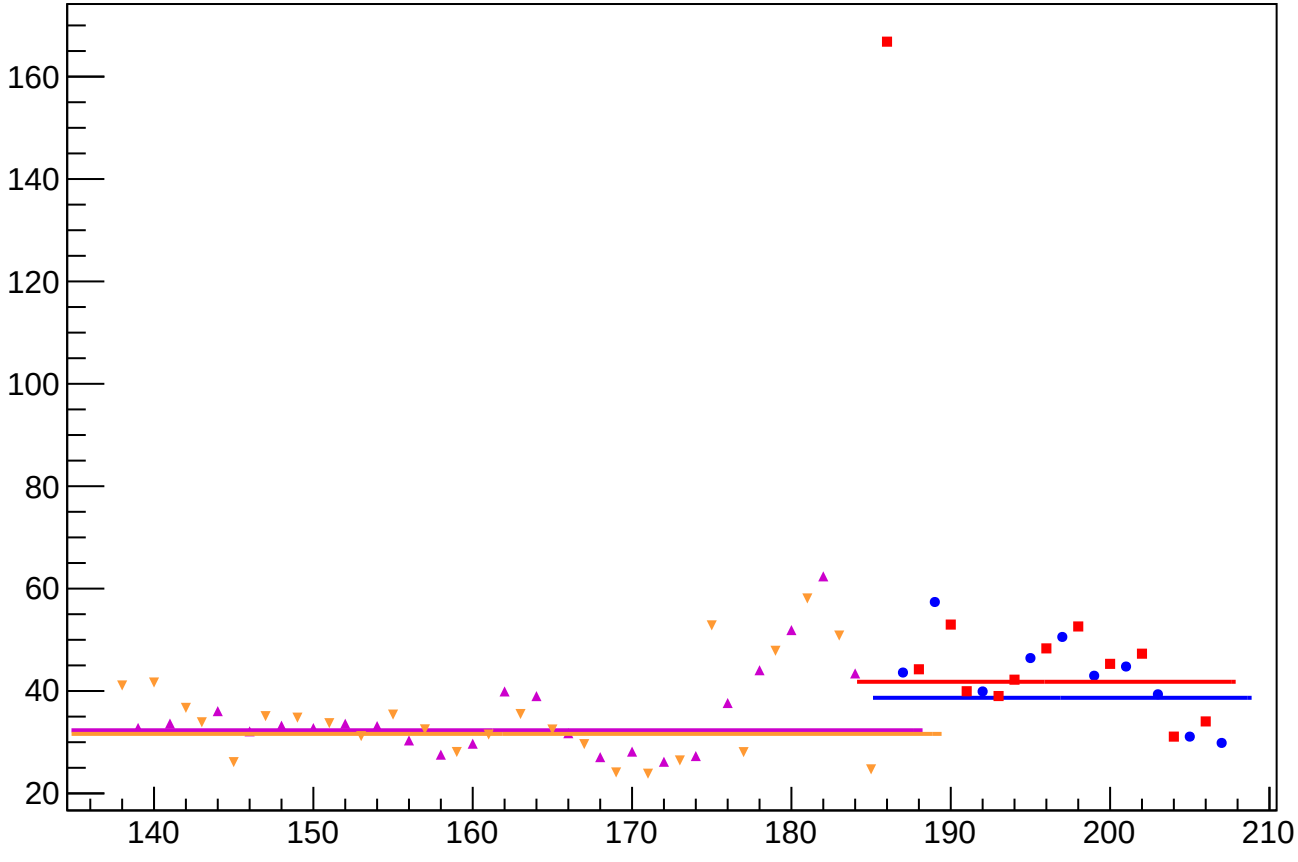
Left In: 4.745+/-7.976 χ^2/NDF:17.9/22

+ sign -4.295+/-6.878 χ^2/NDF: 26.6/34

All: -4.354+/-4.937 χ^2/NDF: 67.9/69

- sign -4.416+/-7.092 χ^2/NDF: 41.4/34

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 38.673+/-0.011 χ^2/NDF: 516003.0/9

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 41.802+/-0.011 χ^2/NDF: 806979.5/11

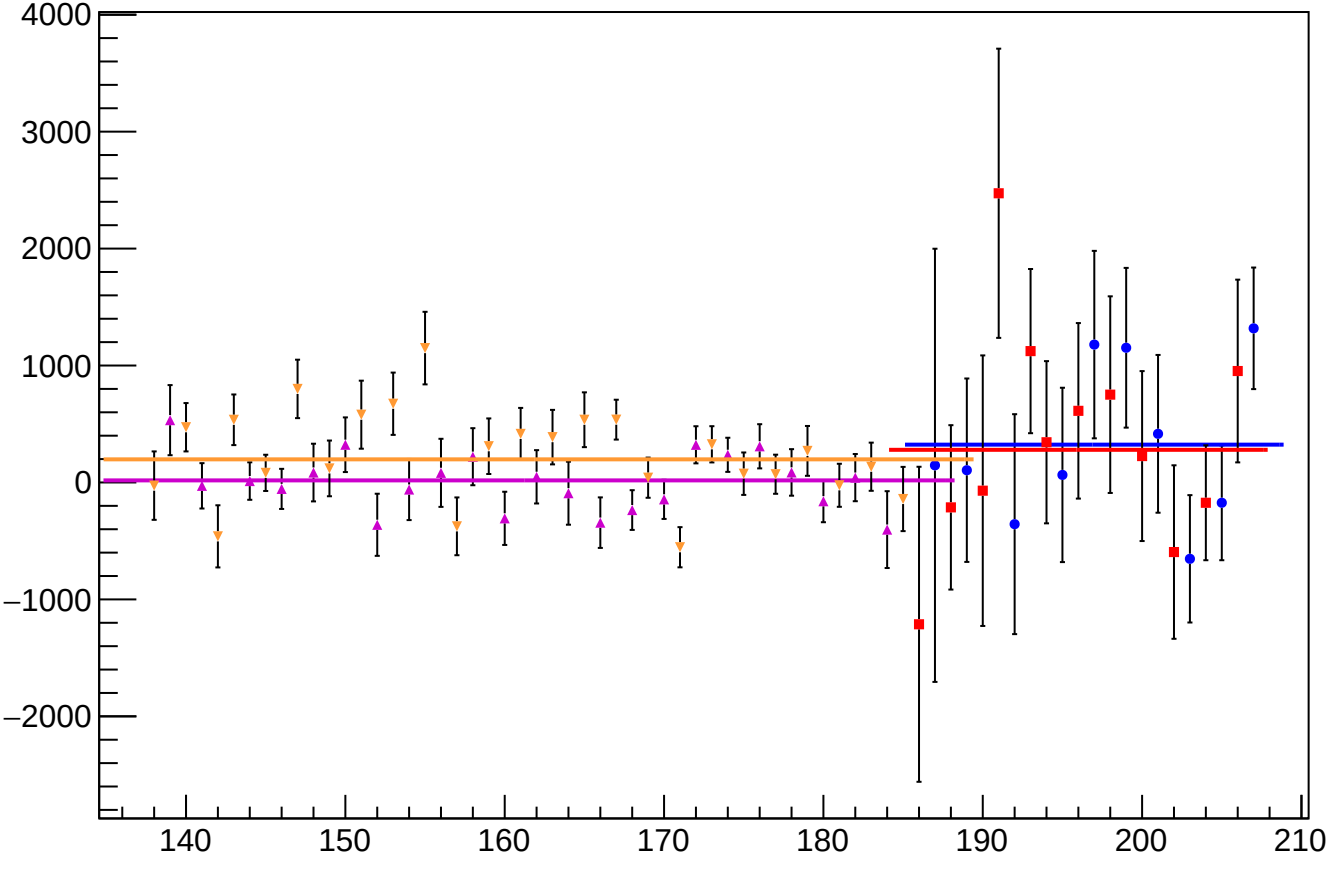
Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

+ sign 33.035+/-0.005 χ^2/NDF: 2525604.3/34

All: 33.654+/-0.003 χ^2/NDF: 5097628.0/69

- sign 34.313+/-0.005 χ^2/NDF: 2538548.4/34

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 323.409+/-213.388 χ^2/NDF: 11.3/9

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: 279.159+/-219.444 χ^2/NDF: 9.9/11

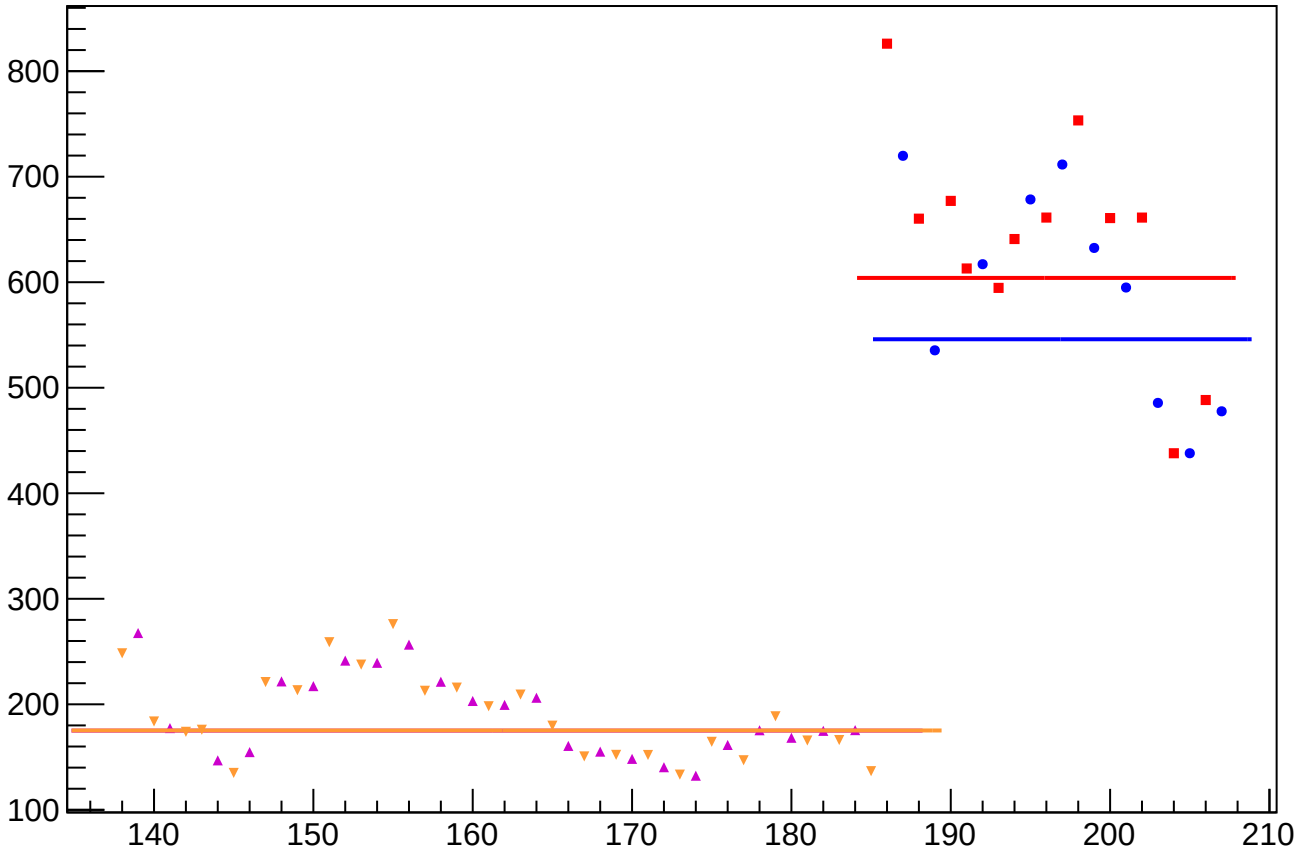
Left In: 17.742+/-42.576 χ^2/NDF:27.1/22

+ sign 202.335+/-41.050 χ^2/NDF: 81.5/34

All: 116.358+/-29.287 χ^2/NDF: 128.8/69

- sign 27.225+/-41.796 χ^2/NDF: 38.4/34

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 545.935+/-0.151 χ^2/NDF: 376322.9/9

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 604.069+/-0.155 χ^2/NDF: 452448.0/11

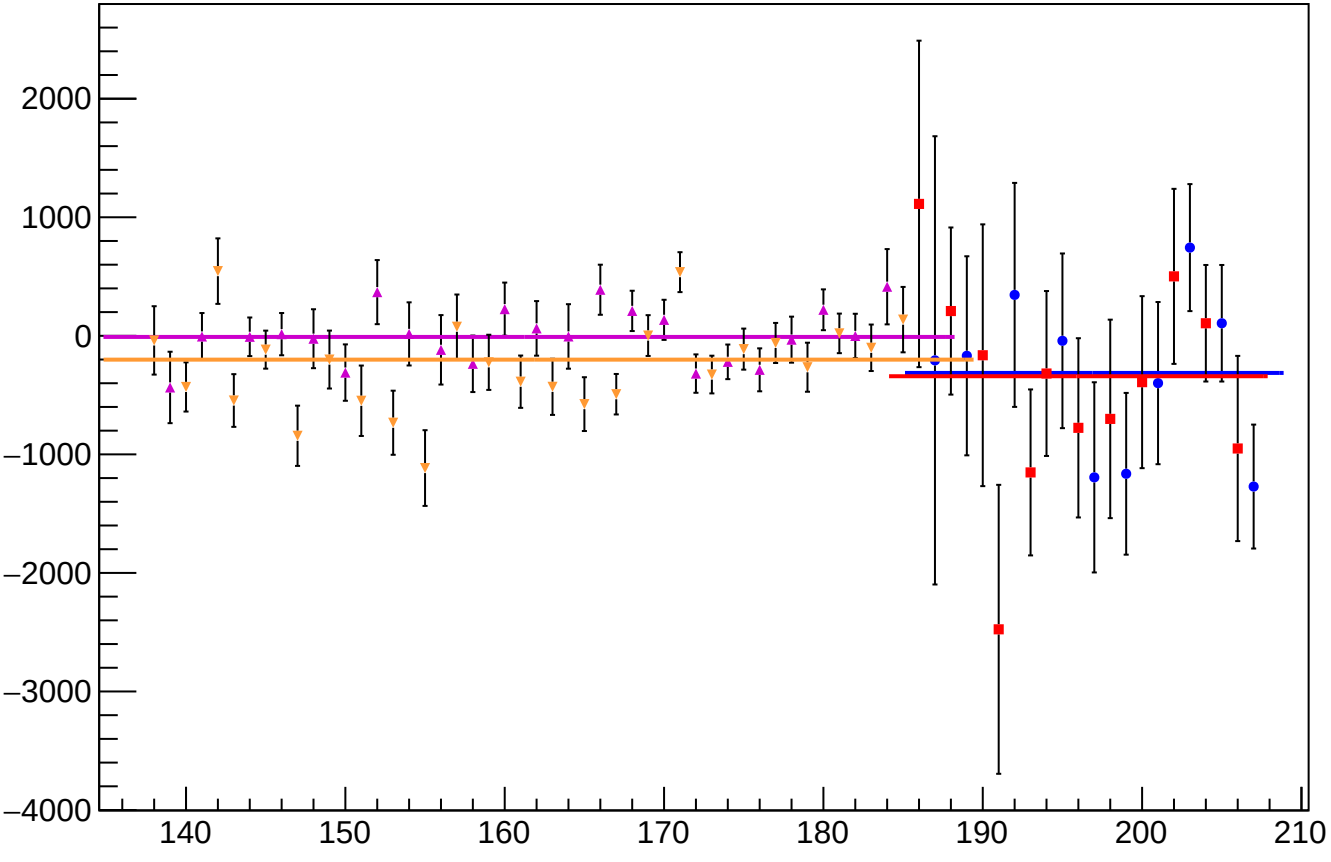
Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

+ sign 188.927+/-0.029 χ^2/NDF: 7607867.6/34

All: 189.755+/-0.021 χ^2/NDF: 16768691.2/69

- sign 190.614+/-0.030 χ^2/NDF: 9159163.9/34

asym_sam_1357_2468_dd_mean vs Slug



Right In: -313.020+/-214.247 χ^2/NDF: 11.4/9

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: -340.903+/-219.104 χ^2/NDF: 9.4/11

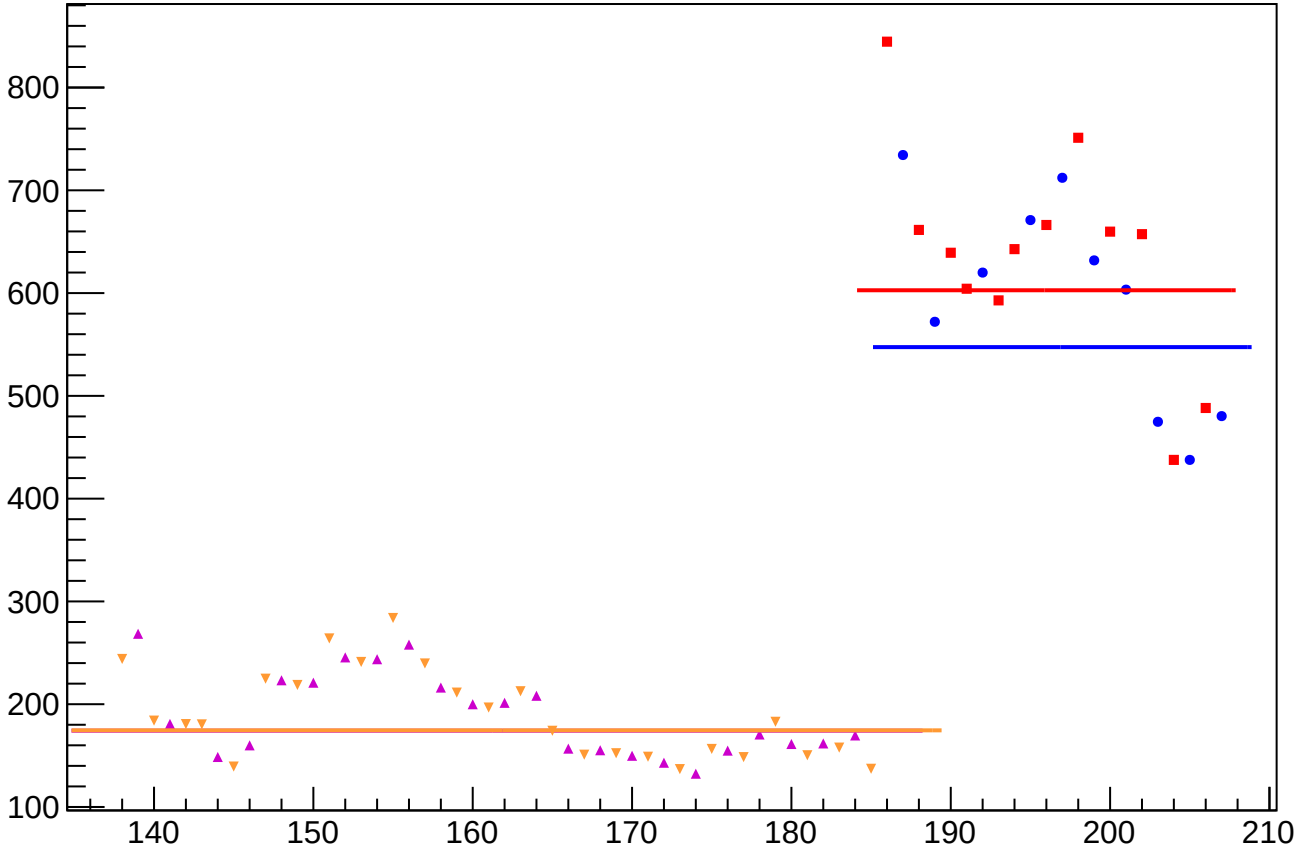
Left In: -9.384+/-42.437 χ^2/NDF:25.4/22

+ sign -205.029+/-40.971 χ^2/NDF: 77.2/34

All: -114.737+/-29.212 χ^2/NDF: 124.1/69

- sign -21.370+/-41.663 χ^2/NDF: 37.0/34

asym_sam_1357_2468_dd_rms vs Slug



Right In: 547.435+/-0.151 χ^2/NDF: 387144.3/9

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 602.747+/-0.155 χ^2/NDF: 453539.0/11

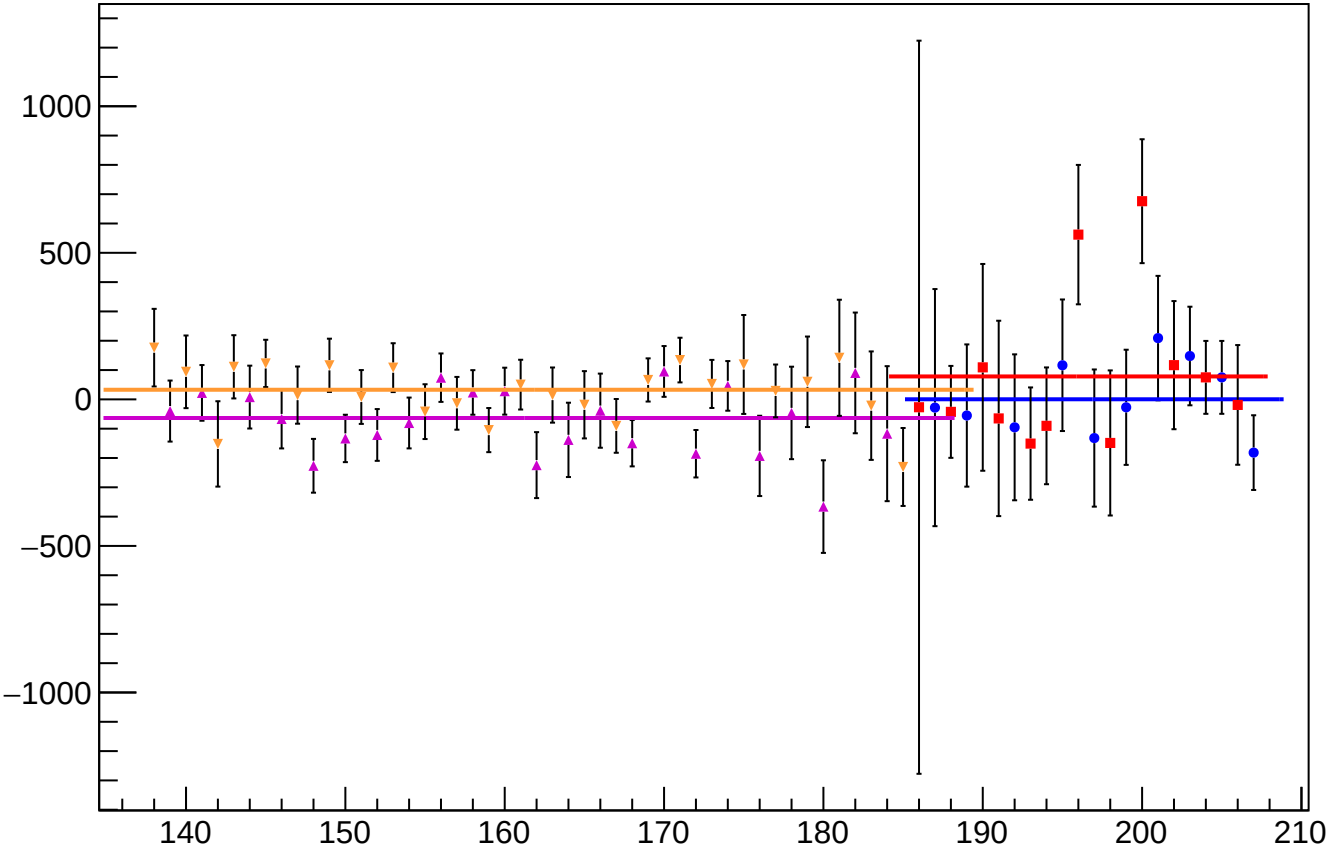
Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

+ sign 188.202+/-0.029 χ^2/NDF: 7756256.5/34

All: 188.944+/-0.021 χ^2/NDF: 16949646.6/69

- sign 189.711+/-0.029 χ^2/NDF: 9192056.5/34

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 0.313+/-59.021 χ^2/NDF: 4.9/9

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 78.218+/-60.110 χ^2/NDF: 16.2/11

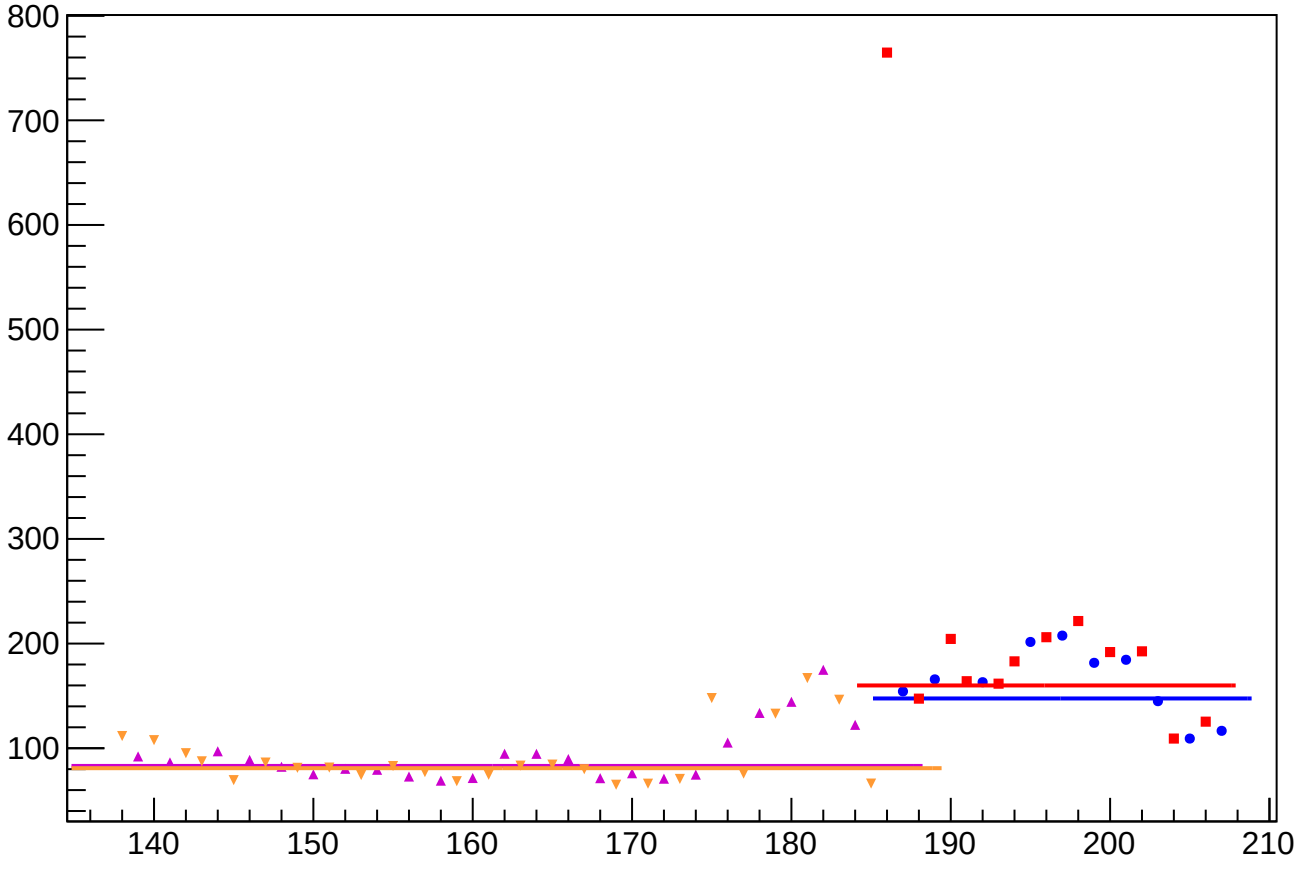
Left In: -63.566+/-20.573 χ^2/NDF:27.2/22

+ sign 29.536+/-18.691 χ^2/NDF: 24.8/34

All: -7.996+/-13.482 χ^2/NDF: 81.5/69

- sign -48.699+/-19.465 χ^2/NDF: 48.3/34

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 147.554+/-0.042 χ^2/NDF: 696144.4/9

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 159.979+/-0.043 χ^2/NDF: 1218951.2/11

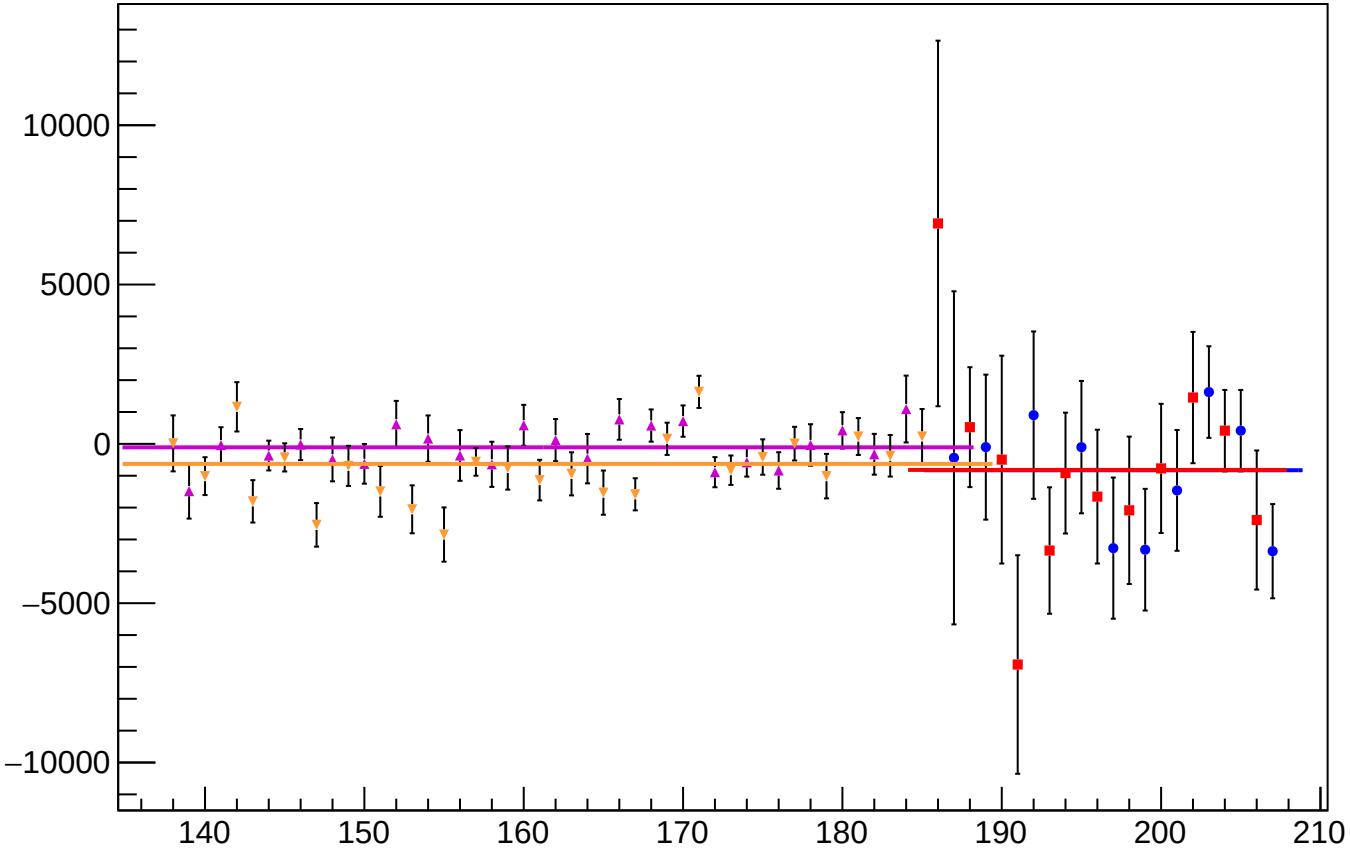
Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

+ sign 87.608+/-0.013 χ^2/NDF: 4750146.9/34

All: 89.300+/-0.010 χ^2/NDF: 10339146.2/69

- sign 91.135+/-0.014 χ^2/NDF: 5554839.7/34

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -827.320+/-585.455 χ^2/NDF: 10.5/9

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: -817.674+/-604.151 χ^2/NDF: 10.3/11

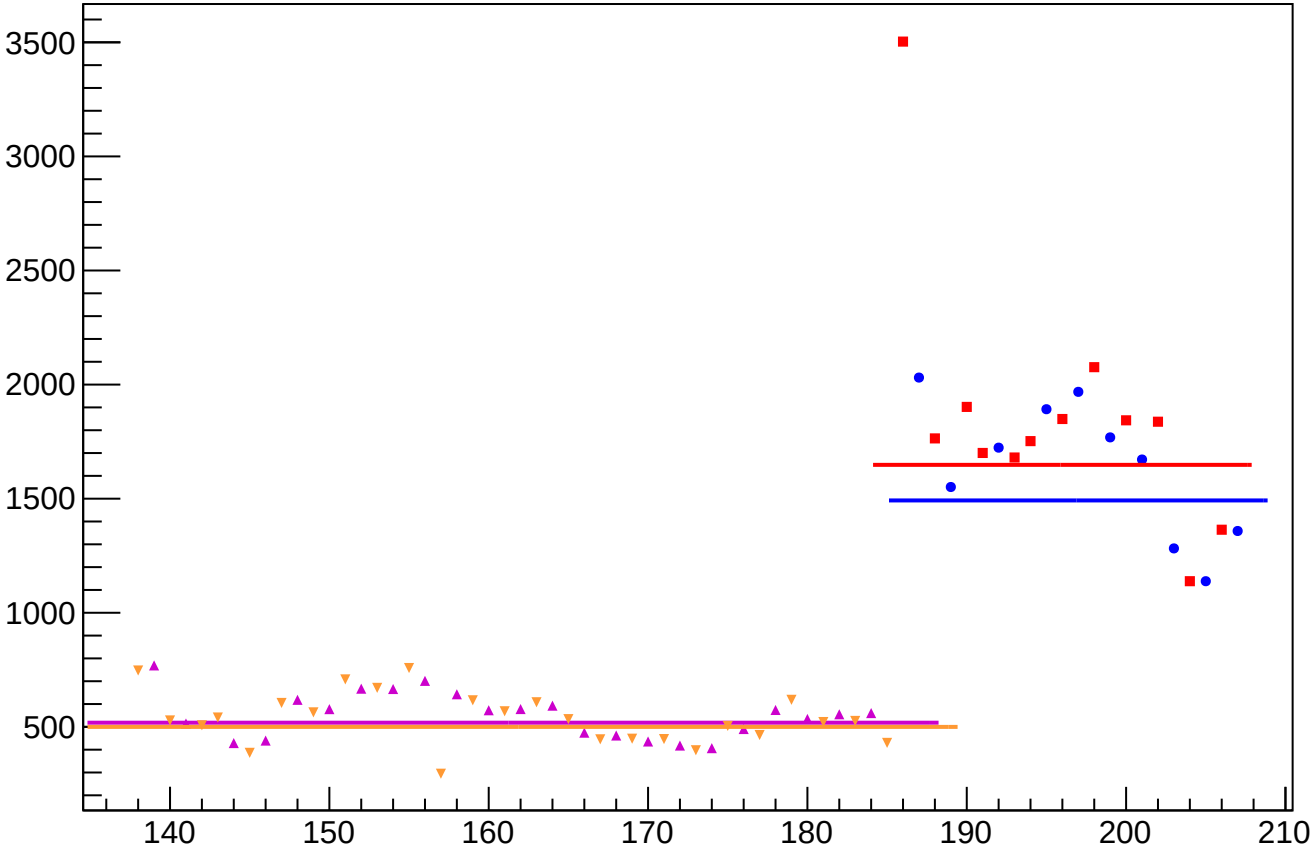
Left In: -108.821+/-125.527 χ^2/NDF:21.4/22

+ sign -637.079+/-118.127 χ^2/NDF: 73.8/34

All: -397.498+/-85.167 χ^2/NDF: 115.4/69

- sign -138.156+/-122.902 χ^2/NDF: 33.0/34

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1492.310+/-0.414 χ^2/NDF: 476985.9/9

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1648.238+/-0.427 χ^2/NDF: 710679.7/11

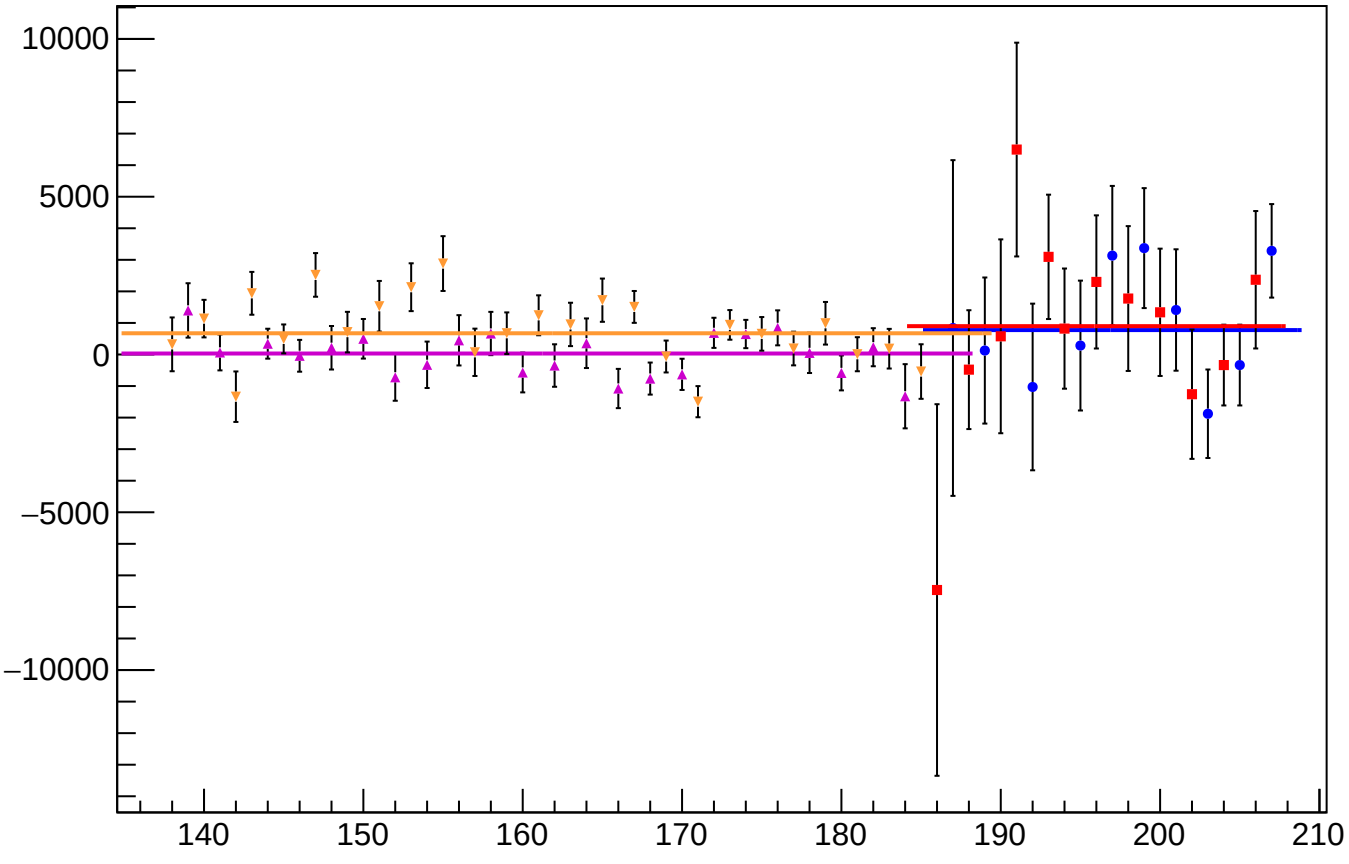
Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

+ sign 540.219+/-0.084 χ^2/NDF: 7617308.8/34

All: 552.122+/-0.060 χ^2/NDF: 16149389.8/69

- sign 565.008+/-0.087 χ^2/NDF: 8489788.3/34

asym_sam_12345678_avg_mean vs Slug



Right In: 773.375+/-584.427 χ^2/NDF: 10.9/9

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: 898.019+/-602.255 χ^2/NDF: 9.7/11

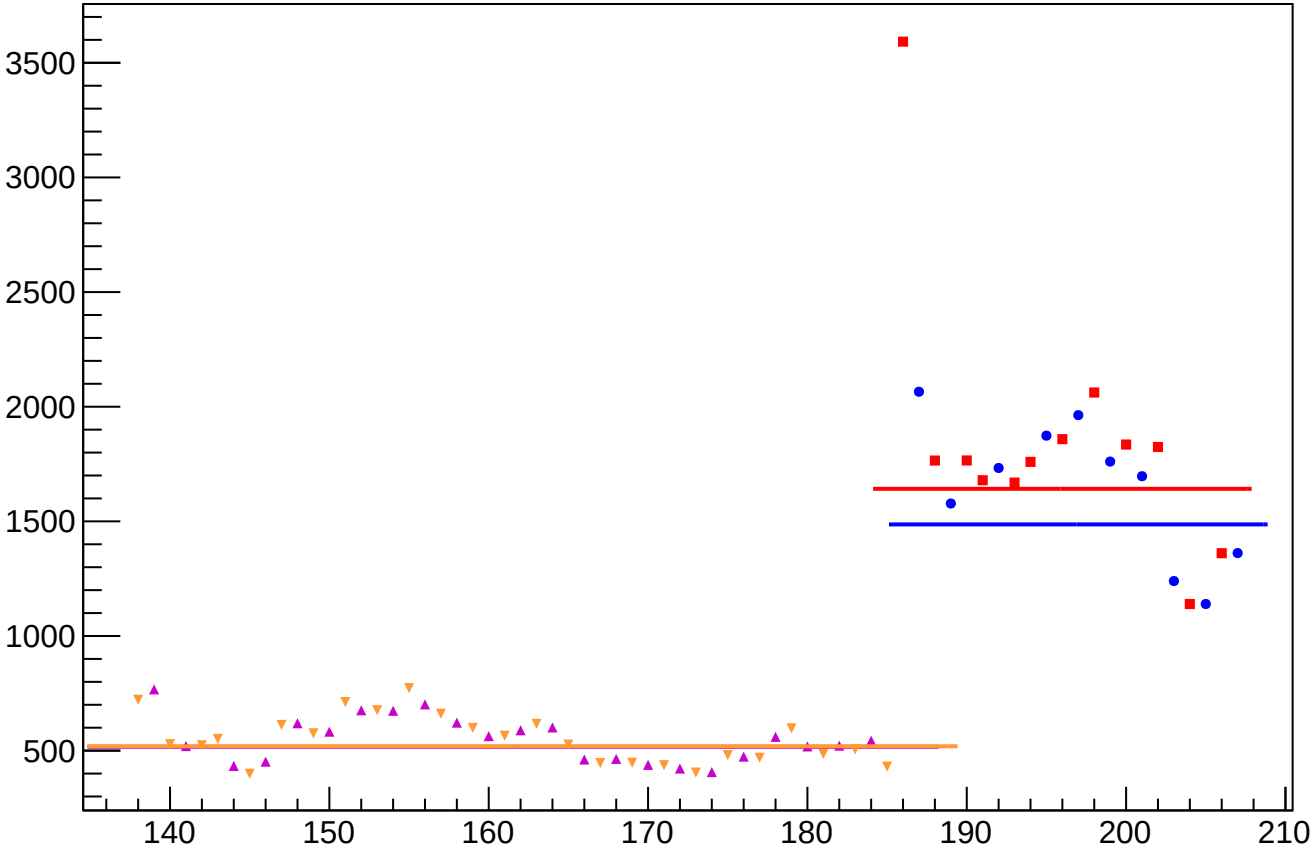
Left In: 31.056+/-125.236 χ^2/NDF:23.8/22

+ sign 676.805+/-120.764 χ^2/NDF: 73.7/34

All: 376.532+/-86.040 χ^2/NDF: 121.8/69

- sign 66.991+/-122.614 χ^2/NDF: 35.5/34

asym_sam_12345678_avg_rms vs Slug



Right In: 1486.670+/-0.413 χ^2/NDF: 496915.4/9

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1641.967+/-0.426 χ^2/NDF: 703268.3/11

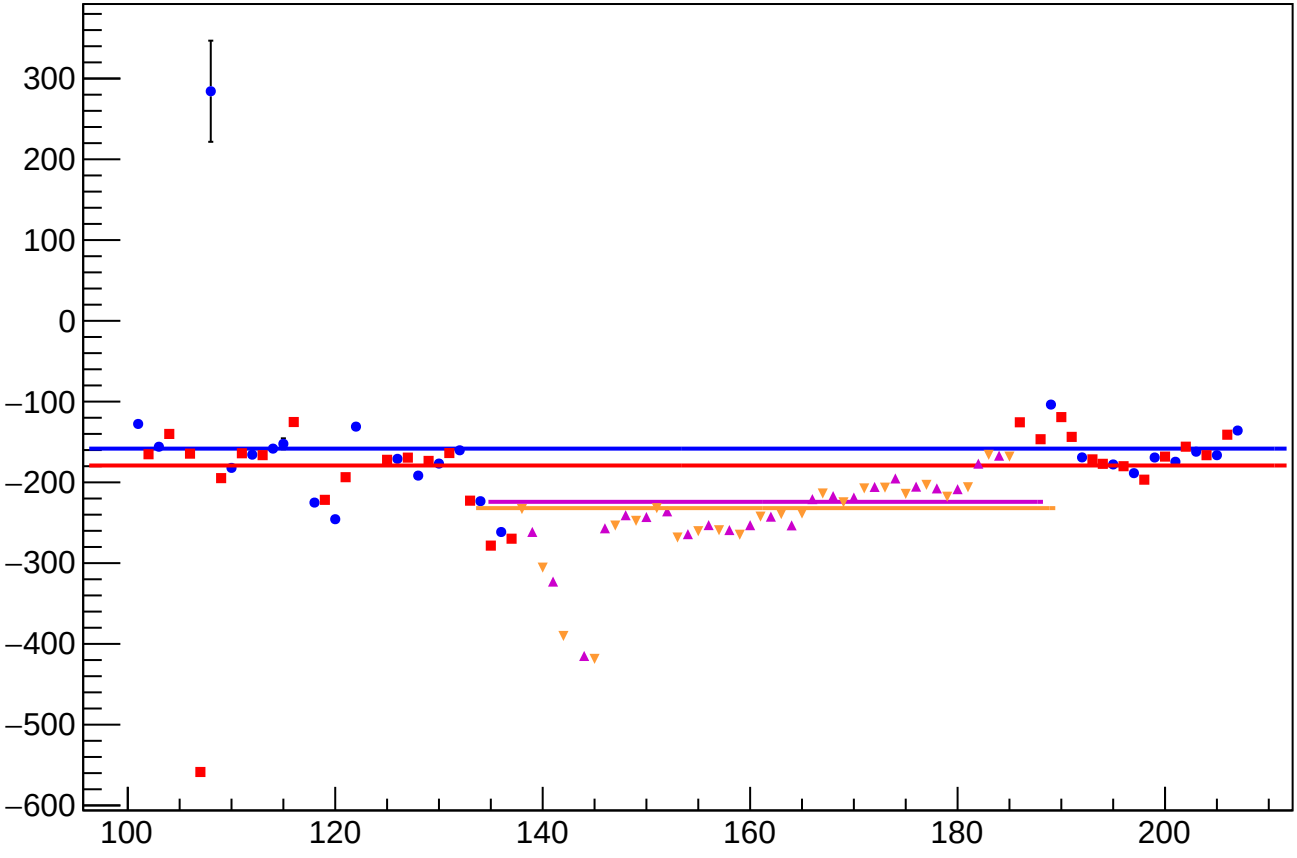
Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

+ sign 560.256+/-0.085 χ^2/NDF: 6919196.3/34

All: 561.725+/-0.061 χ^2/NDF: 15353022.7/69

- sign 563.240+/-0.087 χ^2/NDF: 8433225.2/34

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF: 147834.3/24

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -179.113+/-0.086 χ^2/NDF: 171829.2/28

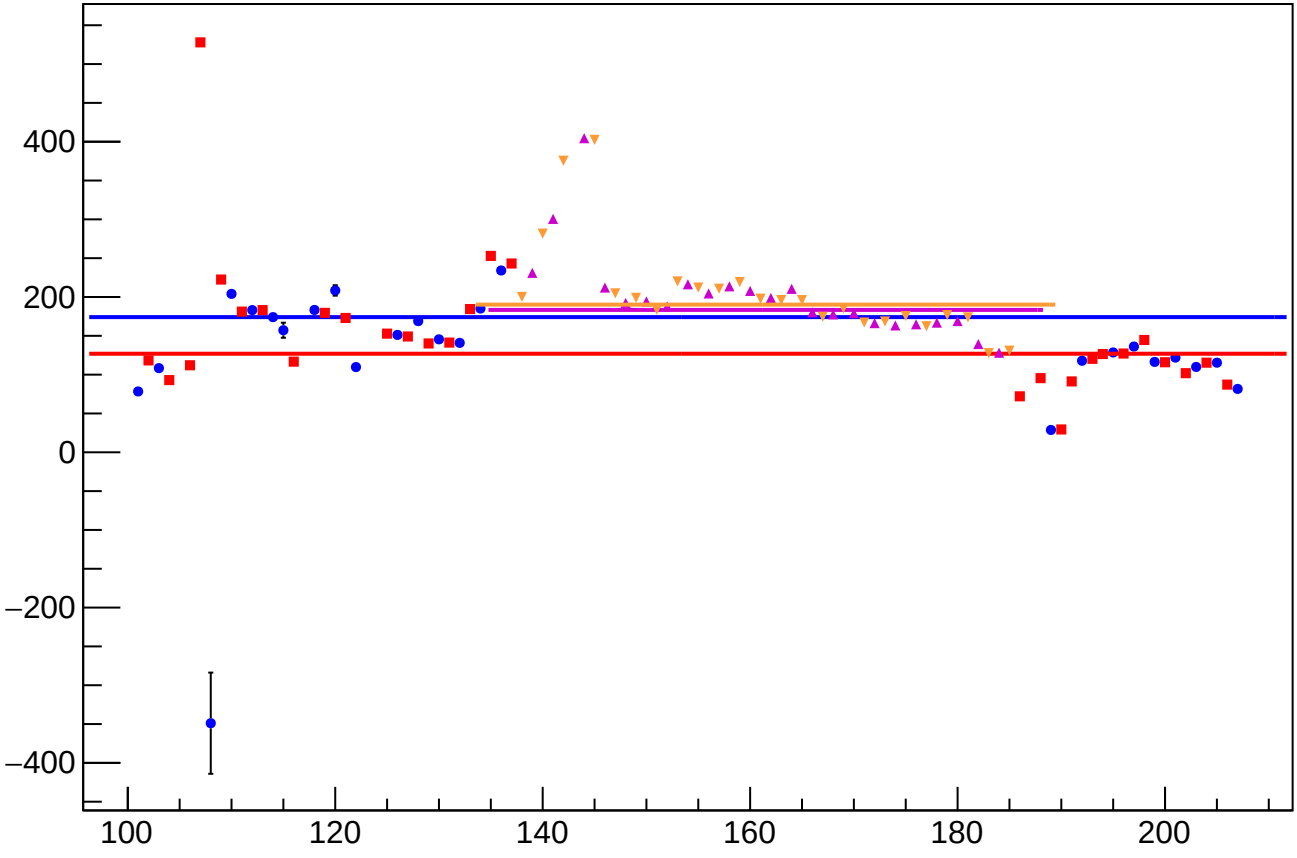
Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

+ sign -158.222+/-0.000 χ^2/NDF: 722471.4/48

All: -158.222+/-0.000 χ^2/NDF: 1555309.1/10

- sign -198.750+/-0.065 χ^2/NDF: 443257.7/51

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 589351.2/24

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 126.938+/-0.087 χ^2/NDF: 168609.5/28

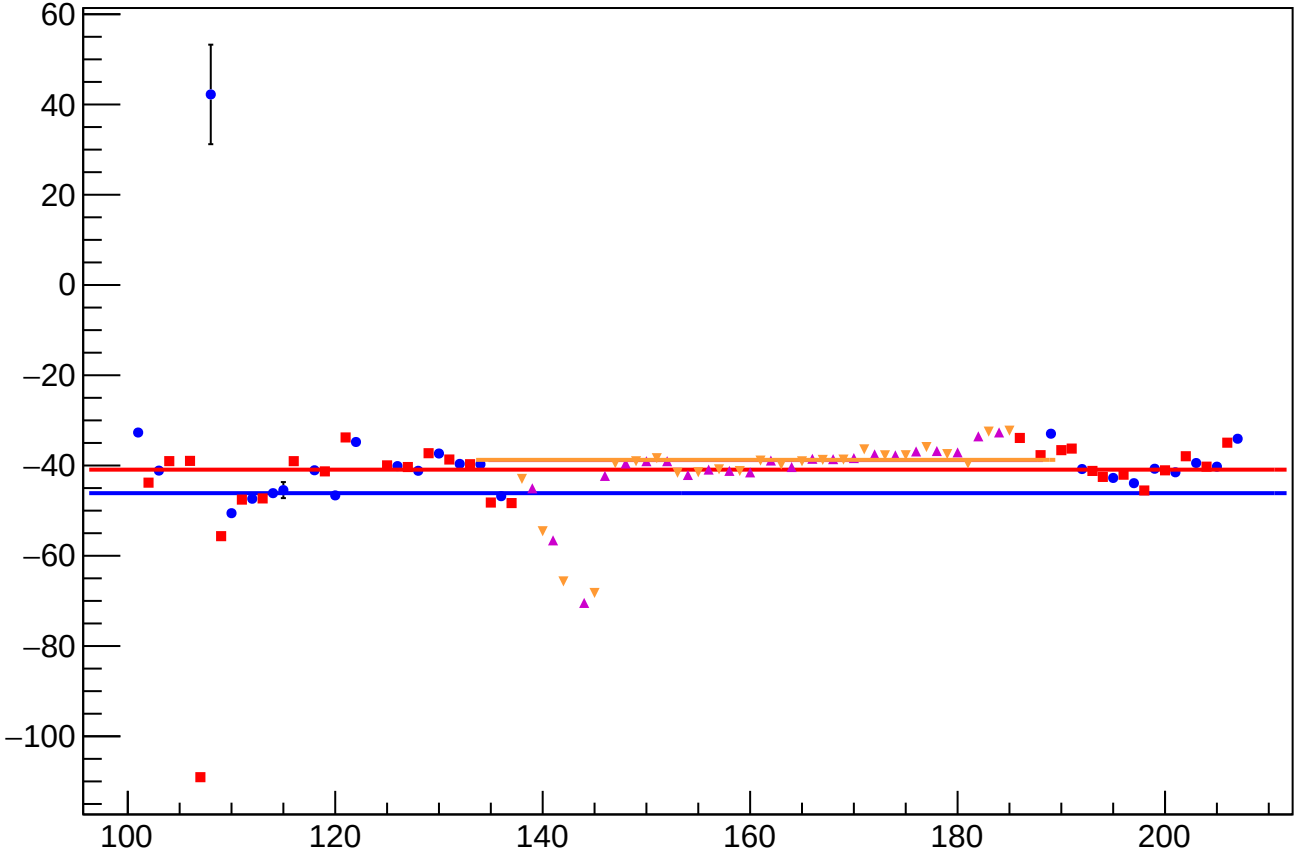
Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

+ sign 174.085+/-0.000 χ^2/NDF: 710978.4/48

All: 174.085+/-0.000 χ^2/NDF: 1337832.7/100

- sign 151.516+/-0.065 χ^2/NDF: 507483.2/51

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 1042826.2/24

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -40.917+/-0.011 χ^2/NDF: 312953.9/28

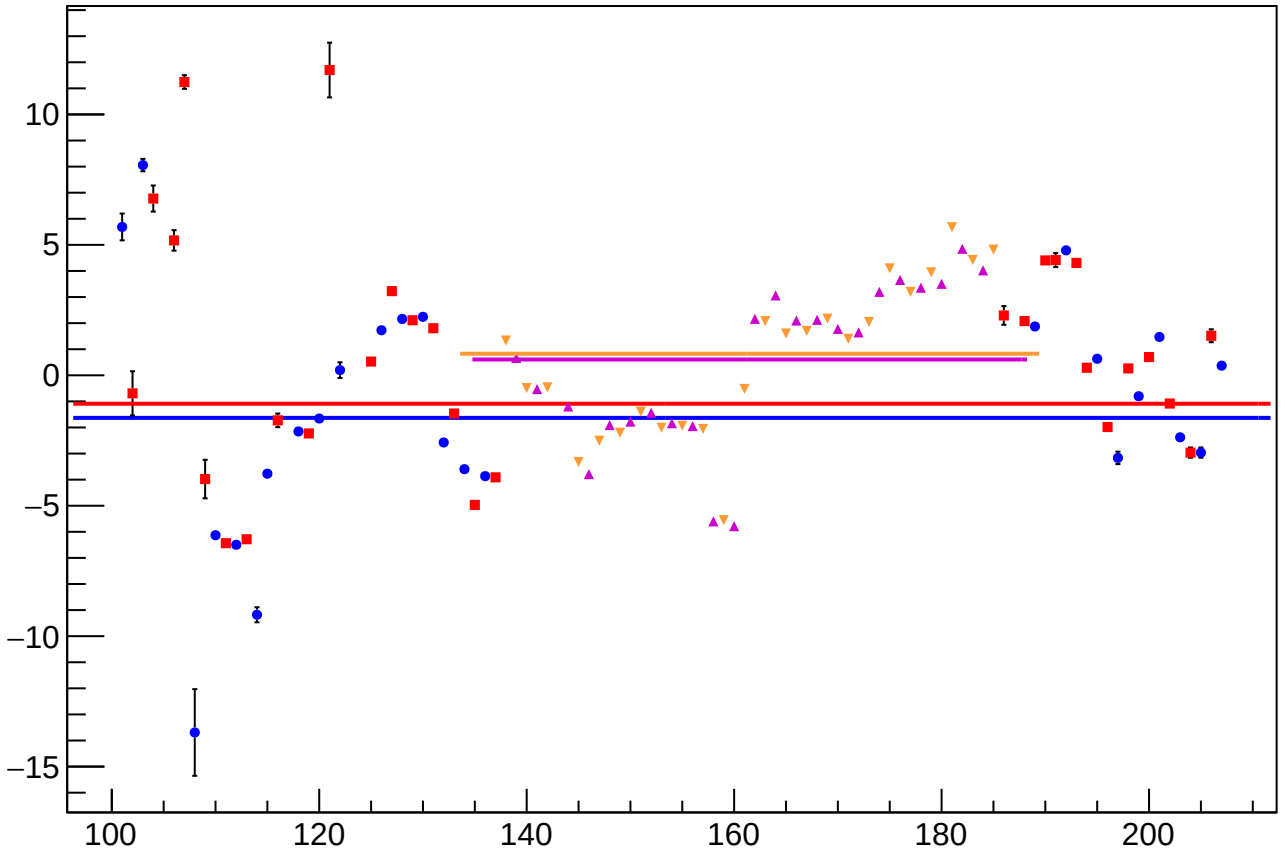
Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

+ sign -46.126+/-0.000 χ^2/NDF: 3020649.4/48

All: -46.126+/-0.000 χ^2/NDF: 5139172.0/100

- sign -39.356+/-0.006 χ^2/NDF: 662784.7/51

dit_usl_4aY_slope vs Slug



Right In: -1.632+/-0.016 χ^2/NDF: 32480.9/24

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.090+/-0.019 χ^2/NDF: 36082.9/28

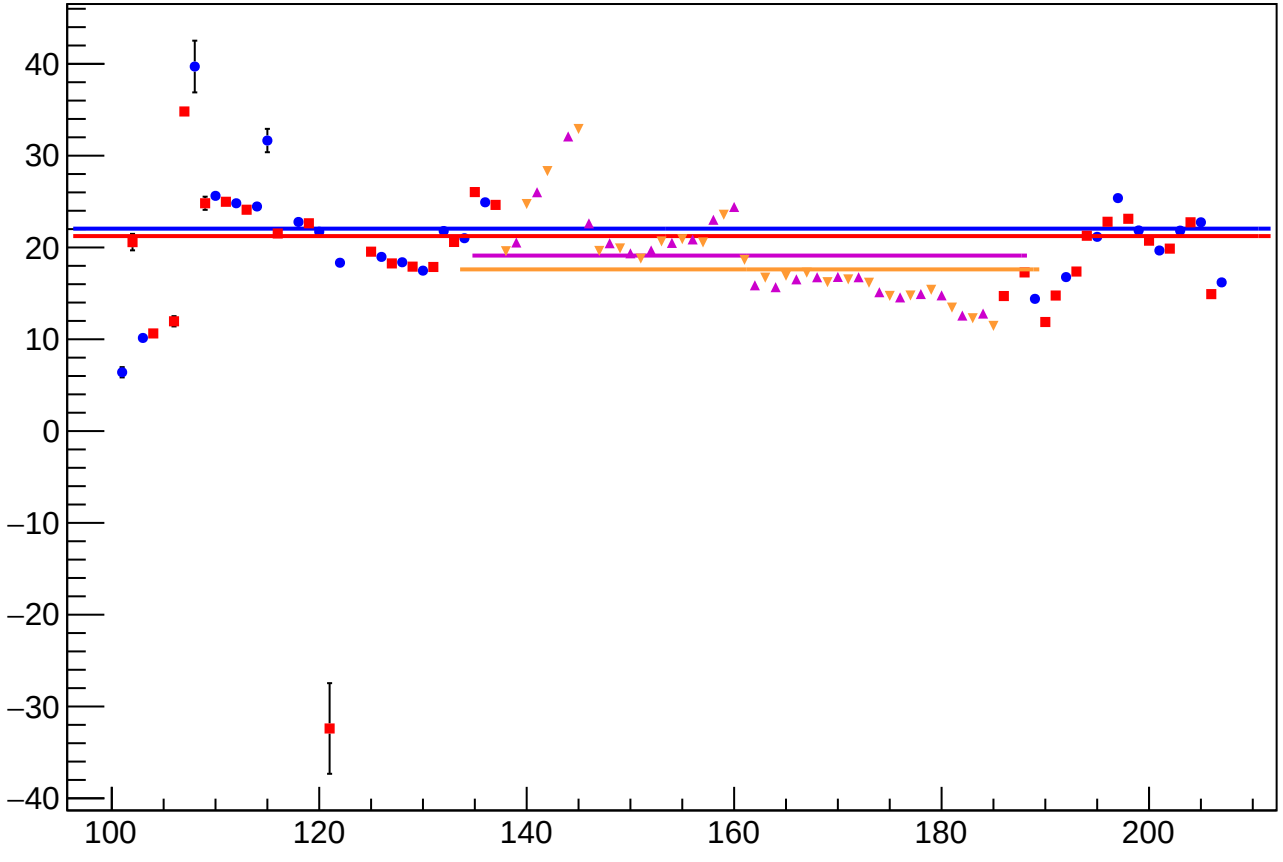
Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

+ sign 0.524+/-0.006 χ^2/NDF: 307707.8/48

All: 0.506+/-0.004 χ^2/NDF: 682582.5/100

- sign 0.493+/-0.005 χ^2/NDF: 374858.0/51

dit_usl_4eY_slope vs Slug



Right In: 22.051+/-0.017 χ^2/NDF: 35016.5/24

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.241+/-0.019 χ^2/NDF: 29617.2/28

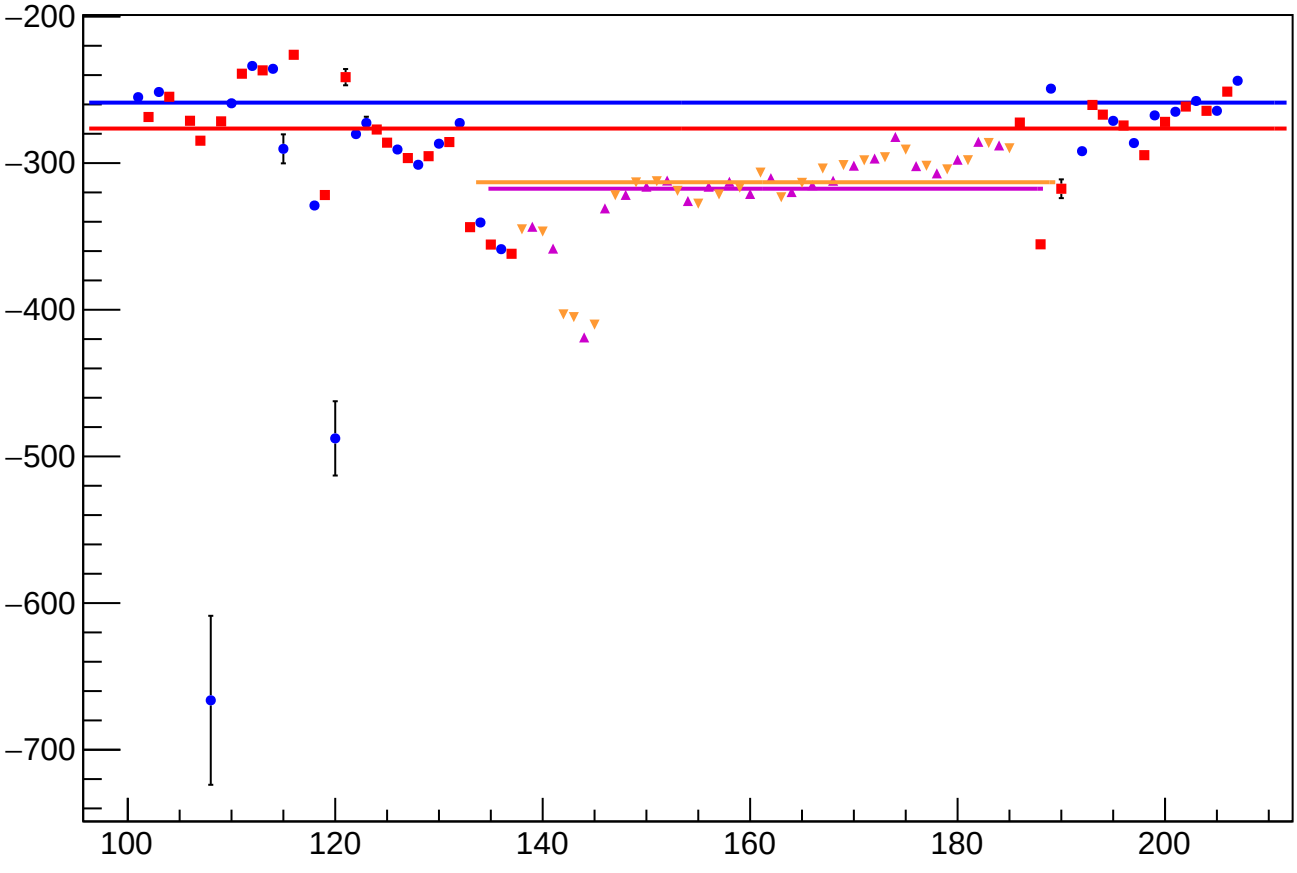
Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

+ sign 18.275+/-0.007 χ^2/NDF: 271325.5/48

All: 18.825+/-0.005 χ^2/NDF: 555704.6/100

- sign 19.385+/-0.007 χ^2/NDF: 270252.1/51

dit_usr_4aX_slope vs Slug



Right In: -258.768+/-0.076 χ^2/NDF: 91794.9/25

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -276.441+/-0.089 χ^2/NDF: 74202.1/28

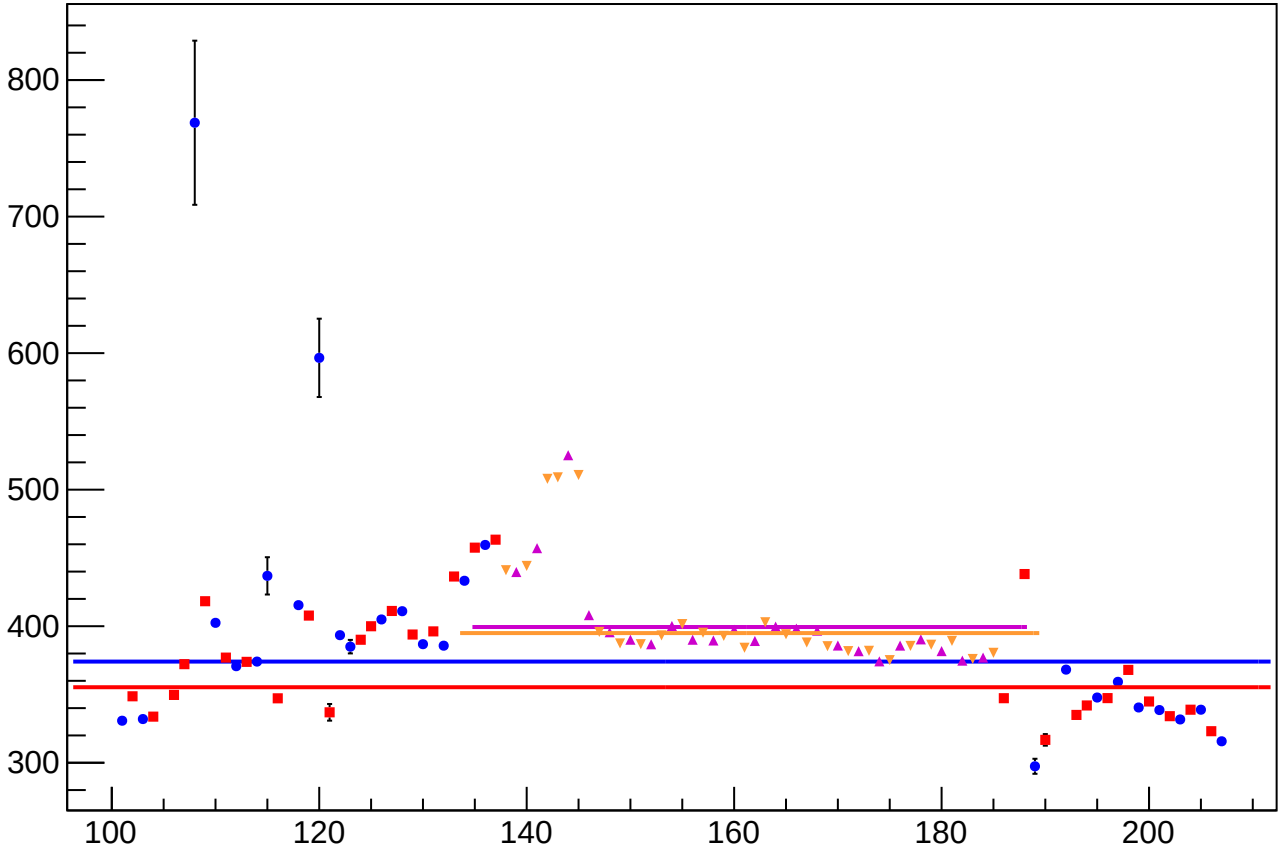
Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

+ sign -279.845+/-0.060 χ^2/NDF: 342493.1/50

All: -287.019+/-0.044 χ^2/NDF: 610736.7/102

- sign -295.484+/-0.065 χ^2/NDF: 236781.2/51

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 428075.2/25

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 355.307+/-0.088 χ^2/NDF: 113684.5/28

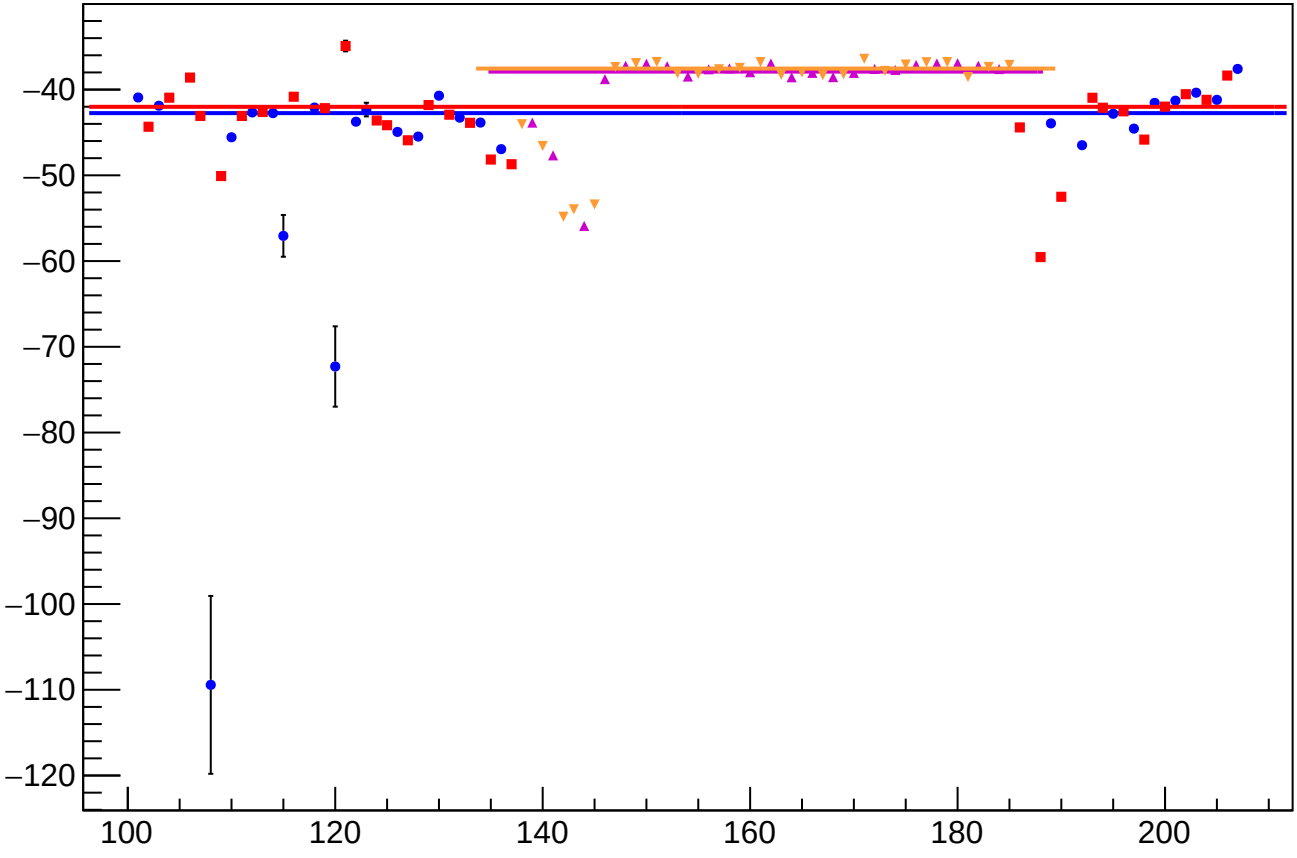
Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF: 543422.1/50

All: 374.094+/-0.000 χ^2/NDF: 848695.9/102

- sign 375.129+/-0.065 χ^2/NDF: 305019.6/51

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 134285.9/25

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.010+/-0.011 χ^2/NDF: 31695.6/28

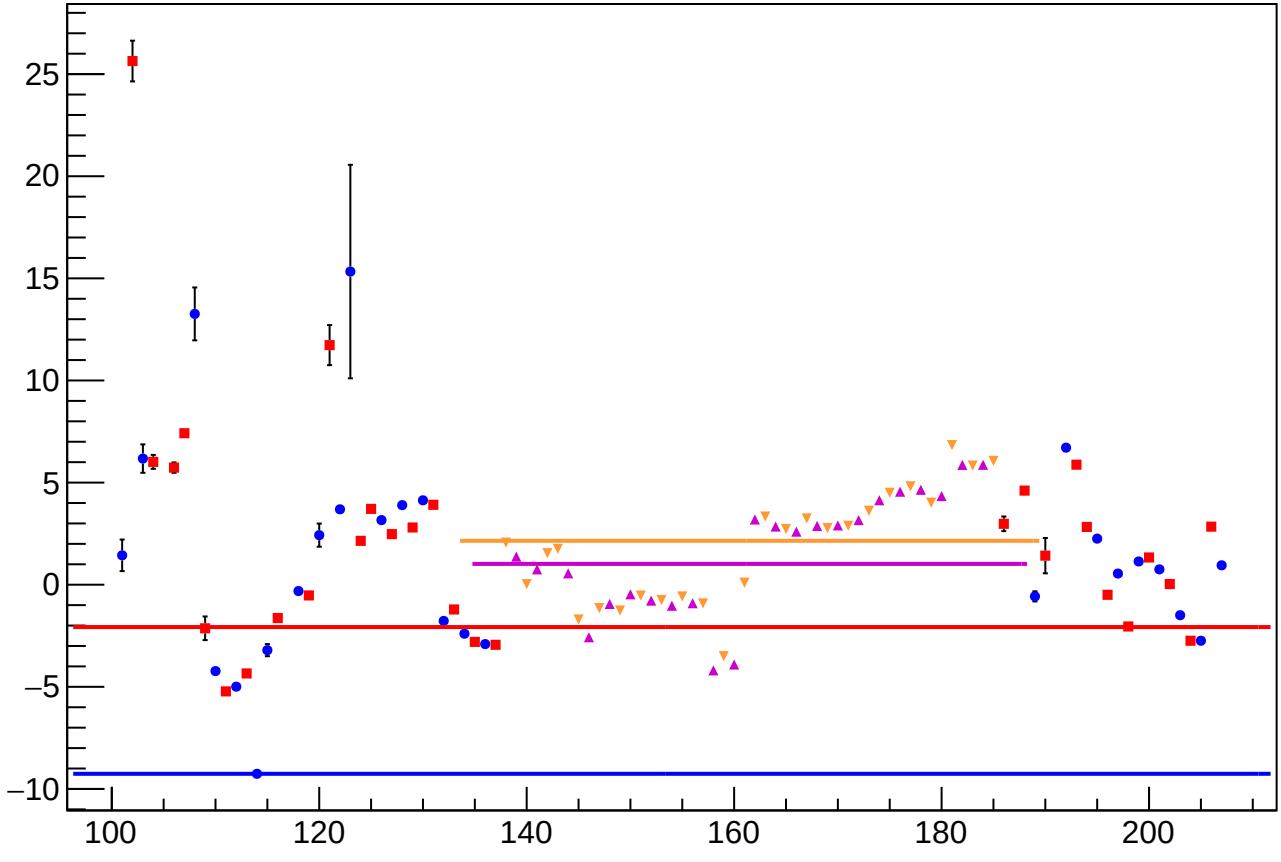
Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

+ sign -42.744+/-0.000 χ^2/NDF: 2236965.6/50

All: -42.744+/-0.000 χ^2/NDF: 3792182.5/102

- sign -38.436+/-0.004 χ^2/NDF: 315763.9/51

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 483250.0/25

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.073+/-0.008 χ^2/NDF: 70595.2/28

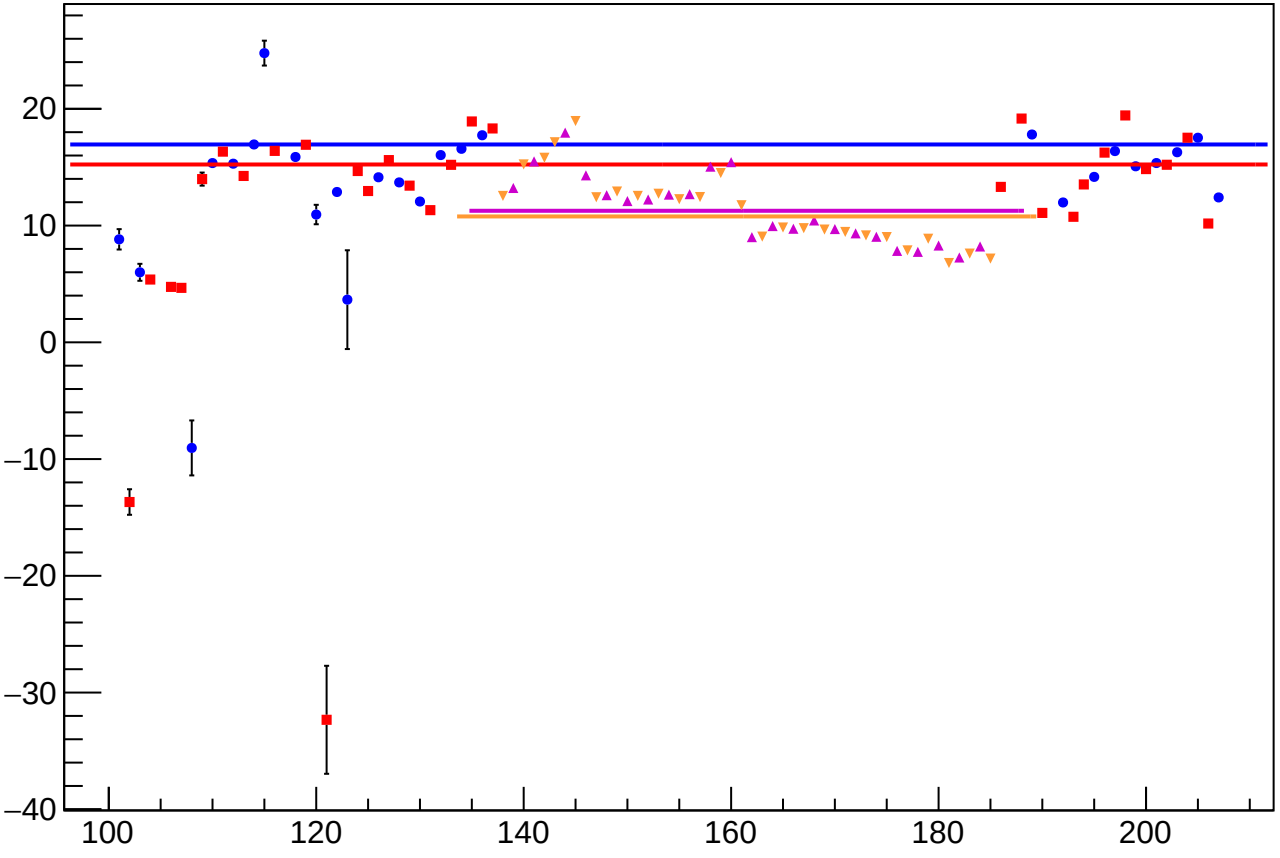
Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF: 6216847.6/50

All: -9.259+/-0.000 χ^2/NDF: 10699245.5/102

- sign -0.111+/-0.005 χ^2/NDF: 428048.5/51

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 16255.8/25

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.232+/-0.015 χ^2/NDF: 34772.8/28

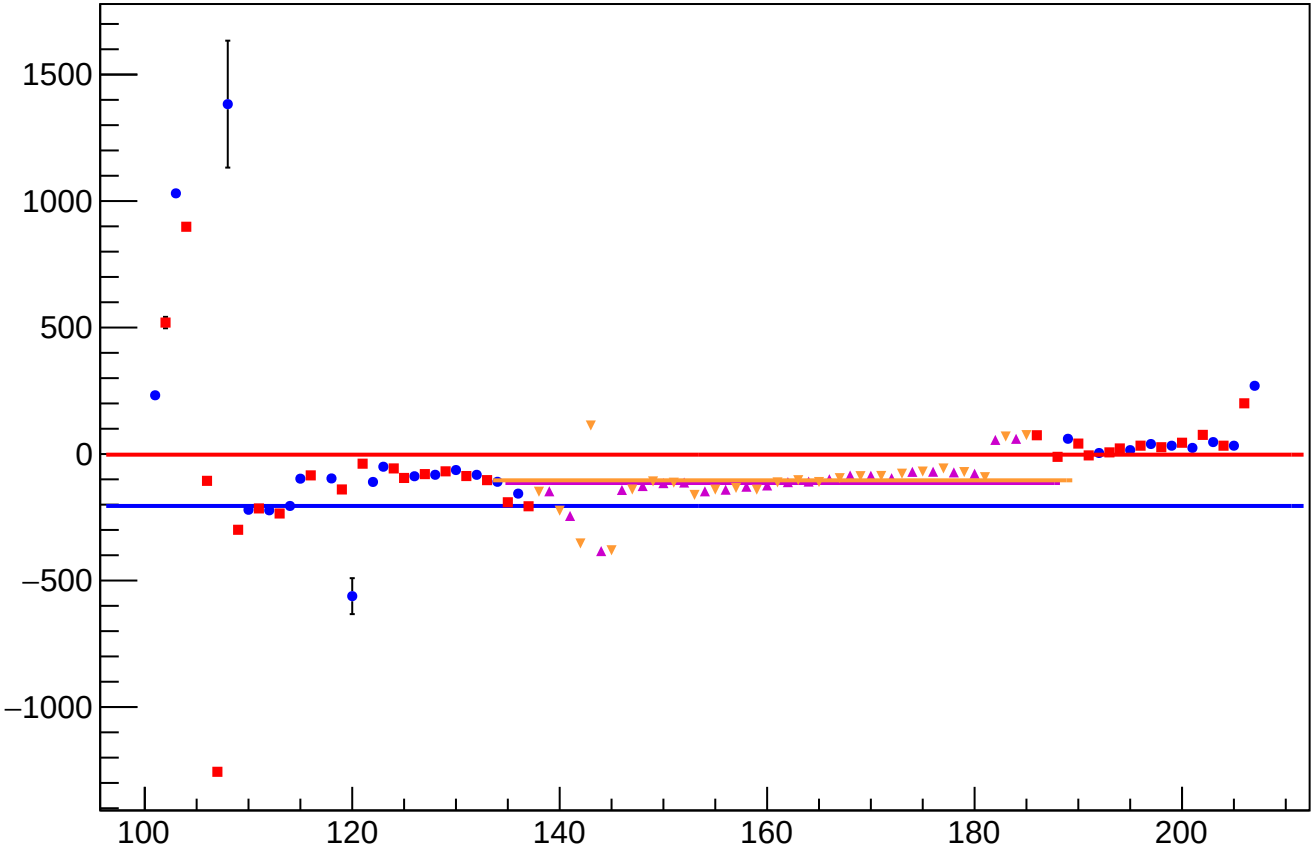
Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

+ sign 16.947+/-0.000 χ^2/NDF: 1000612.1/50

All: 16.947+/-0.000 χ^2/NDF: 1672148.6/102

- sign 12.148+/-0.007 χ^2/NDF: 190046.6/51

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 2139680.7/25

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -2.473+/-0.193 χ^2/NDF: 192492.9/29

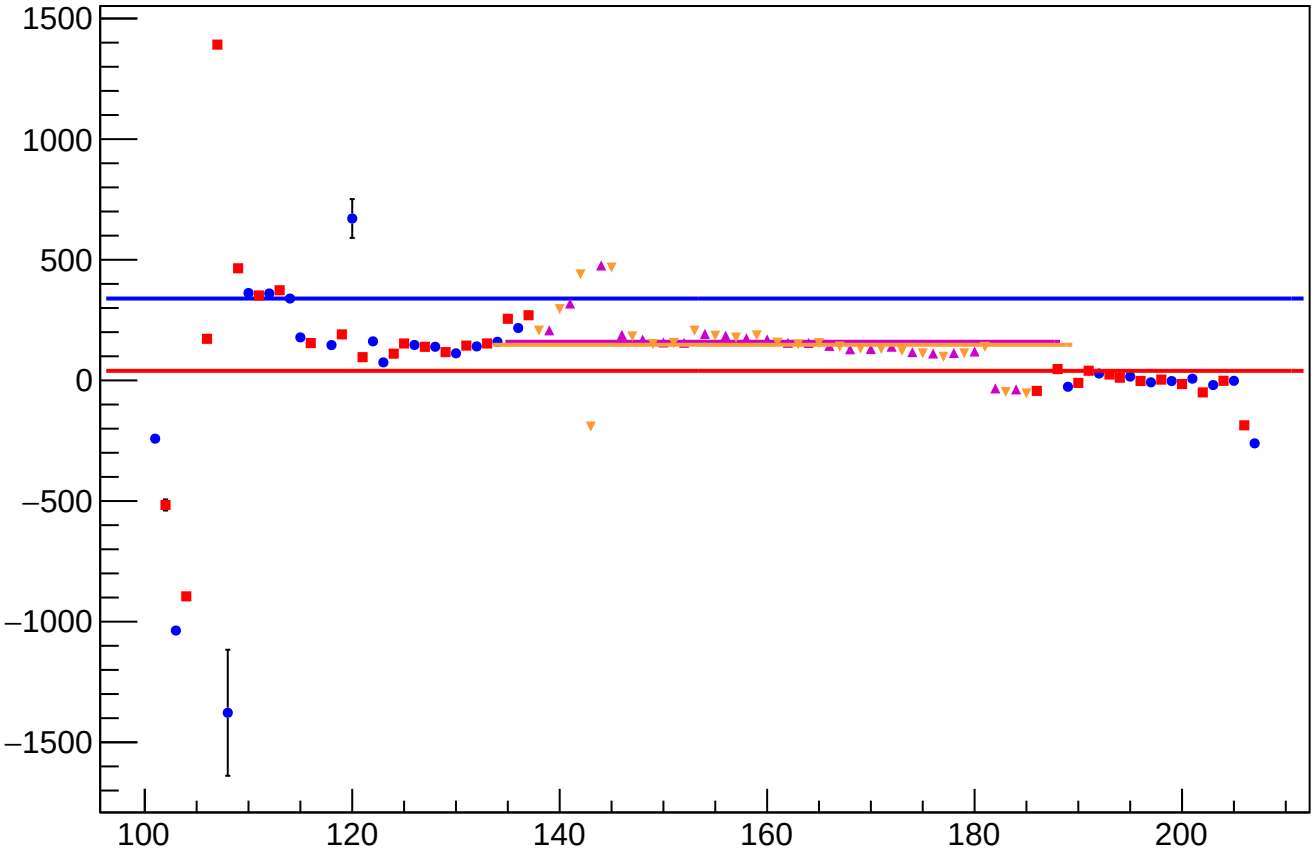
Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF: 2513802.6/50

All: -205.160+/-0.000 χ^2/NDF: 4047761.3/10

- sign -50.020+/-0.146 χ^2/NDF: 412108.2/52

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 2811824.4/25

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 39.643+/-0.190 χ^2/NDF: 287609.0/29

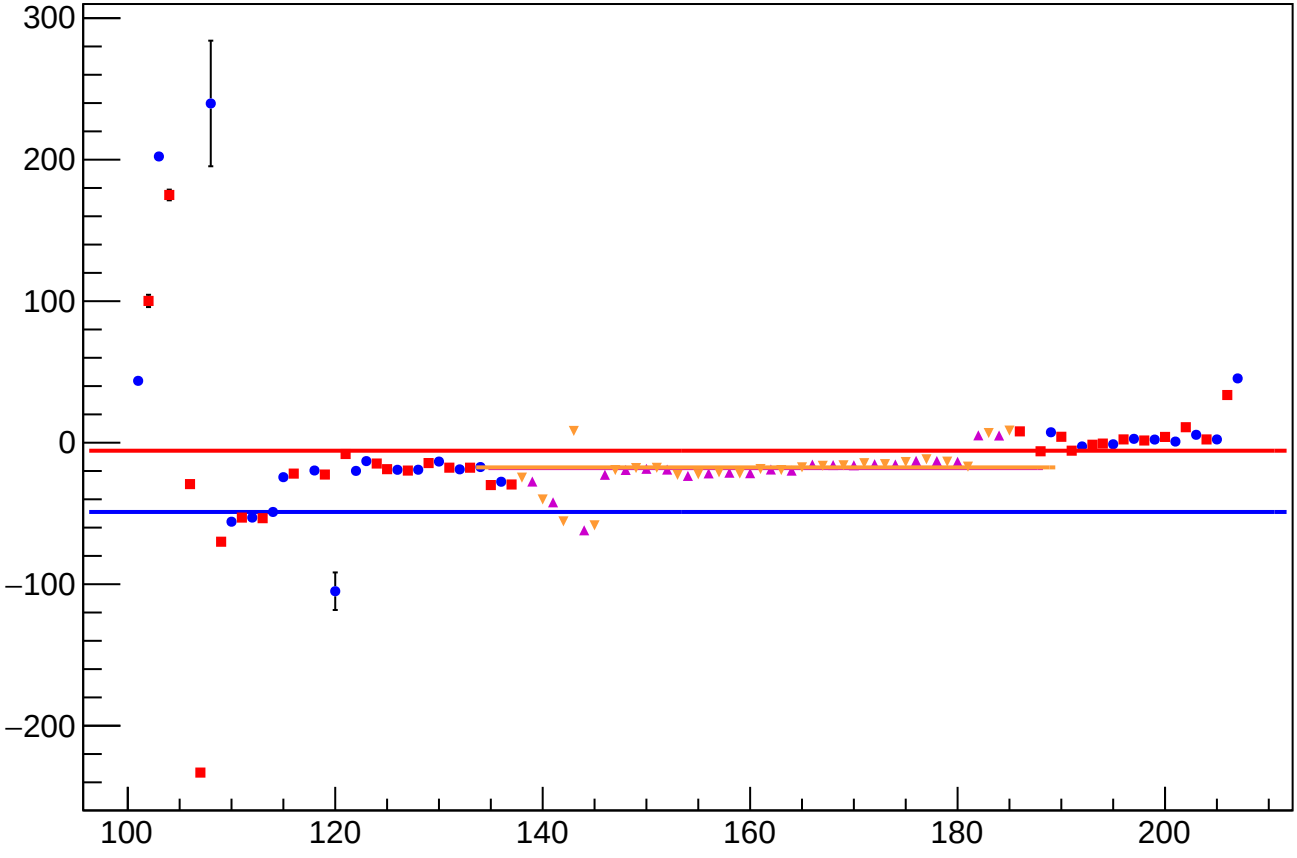
Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF: 3899730.8/50

All: 339.325+/-0.000 χ^2/NDF: 7362578.0/103

- sign 88.631+/-0.146 χ^2/NDF: 534221.1/52

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 8304466.4/25

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -5.662+/-0.026 χ^2/NDF: 413104.0/29

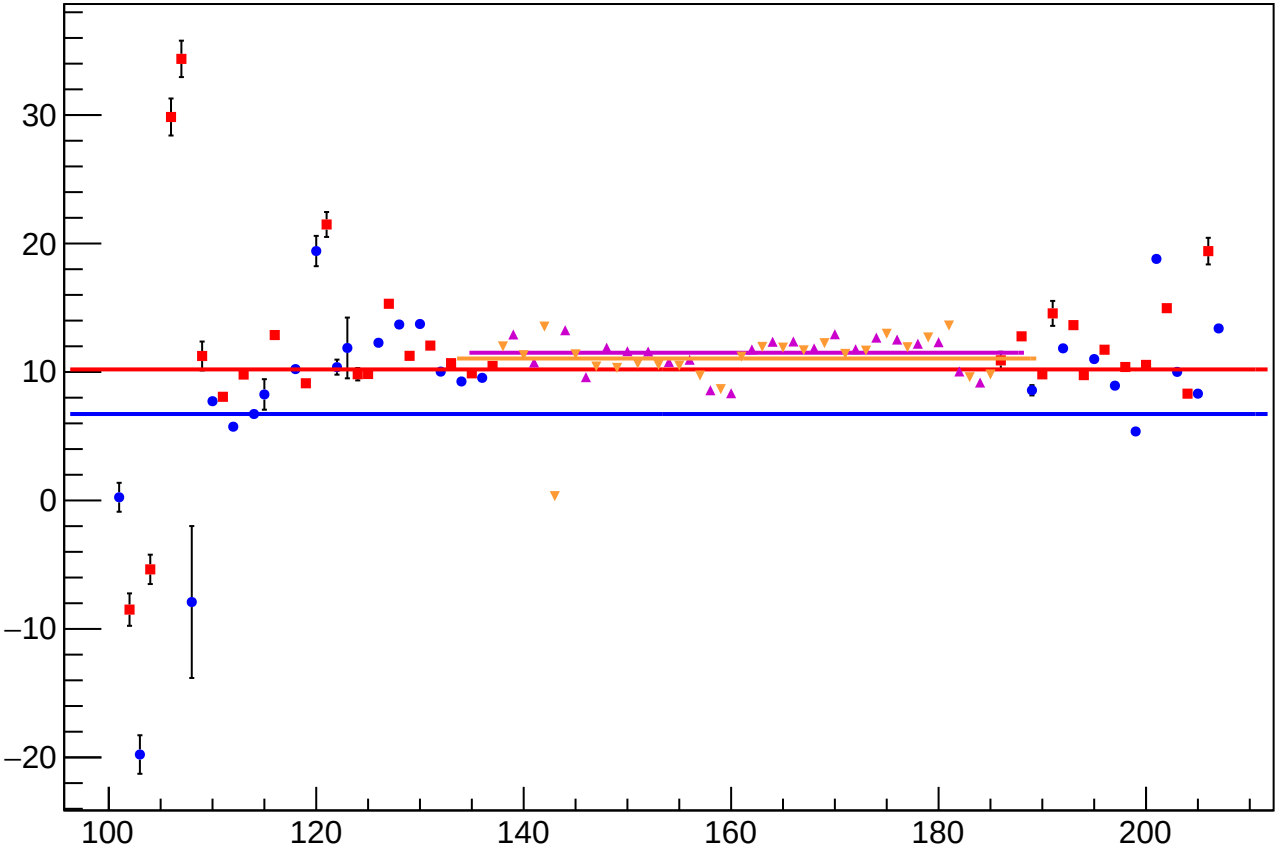
Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

+ sign -48.945+/-0.000 χ^2/NDF: 18921949.7/50

All: -48.945+/-0.000 χ^2/NDF: 28786956.2/10

- sign -15.687+/-0.011 χ^2/NDF: 850209.5/52

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 18822.5/25

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.200+/-0.033 χ^2/NDF: 6421.0/29

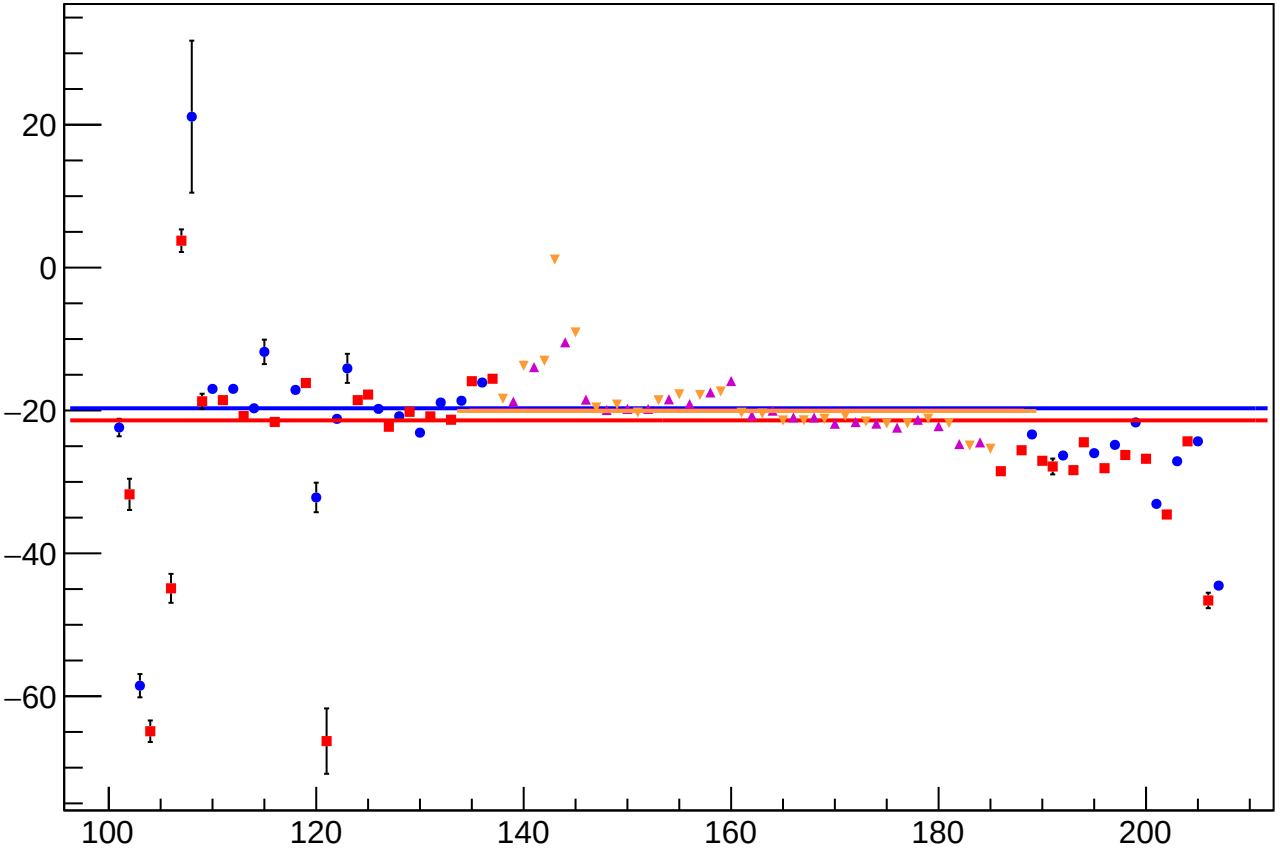
Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

+ sign 6.728+/-0.000 χ^2/NDF: 174895.7/50

All: 6.728+/-0.000 χ^2/NDF: 417666.9/103

- sign 11.378+/-0.010 χ^2/NDF: 23703.5/52

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 27748.6/25

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -21.387+/-0.042 χ^2/NDF: 9597.8/29

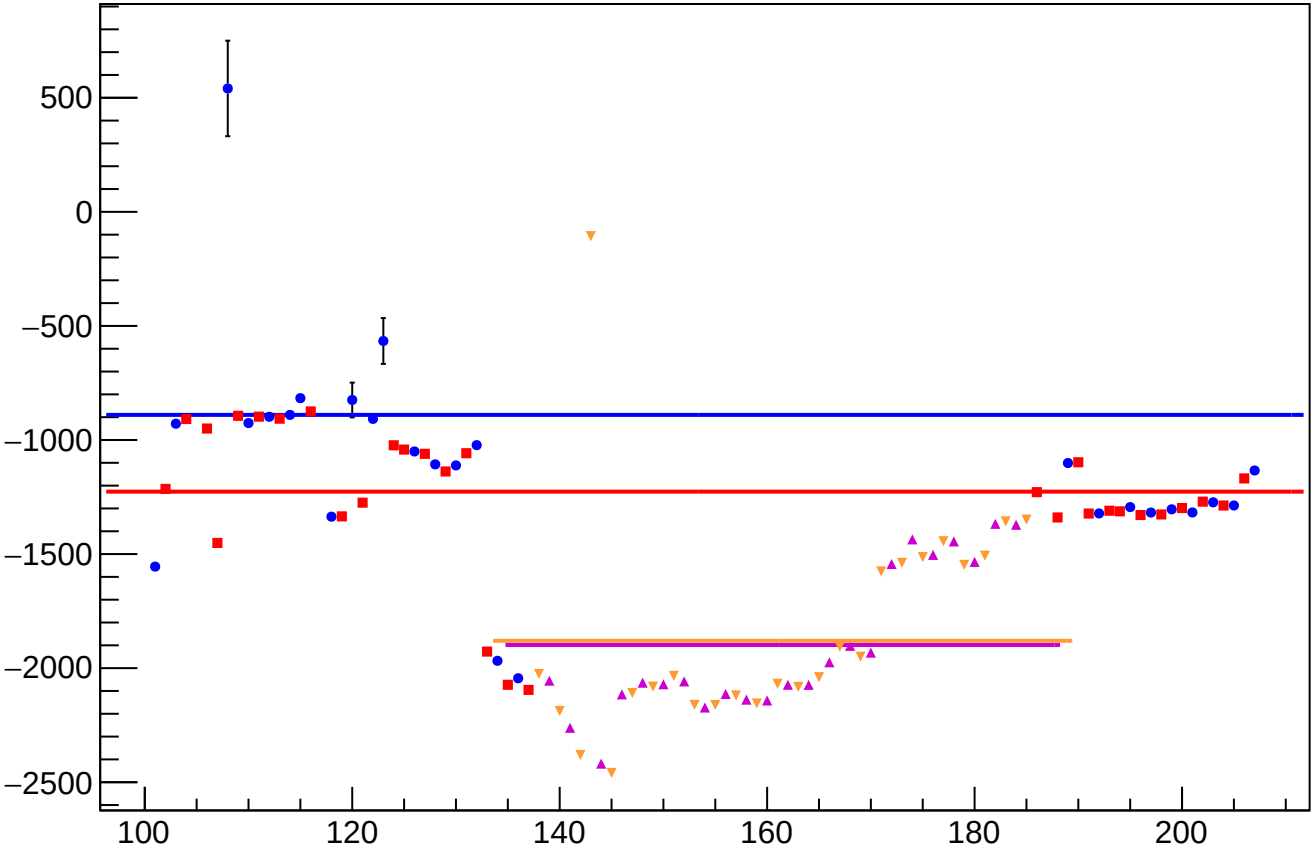
Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

+ sign -19.693+/-0.000 χ^2/NDF: 99936.4/50

All: -19.693+/-0.000 χ^2/NDF: 134104.2/103

- sign -20.118+/-0.014 χ^2/NDF: 33275.5/52

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 2206418.1/25

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1226.347+/-0.196 χ^2/NDF: 988789.2/29

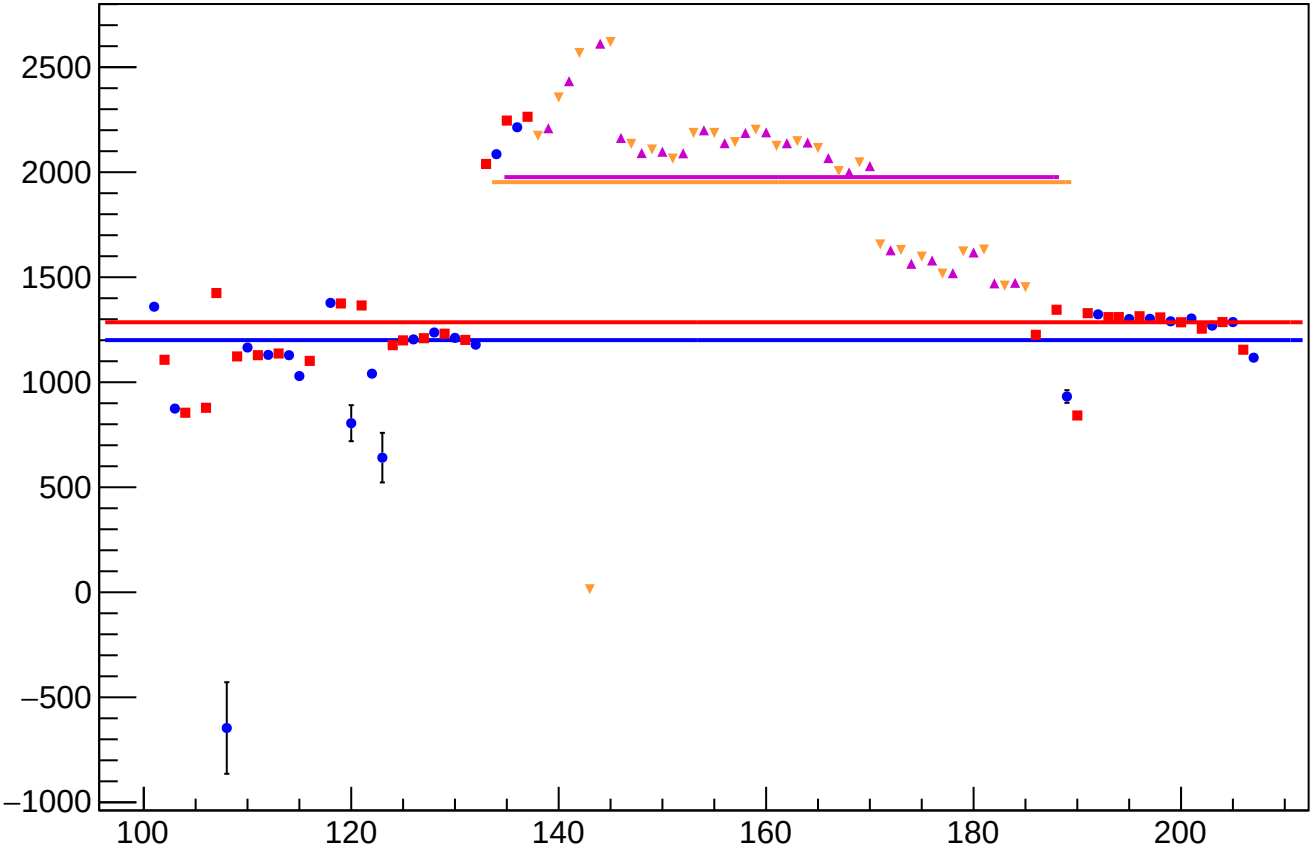
Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

+ sign -889.928+/-0.000 χ^2/NDF: 10951432.6/50

All: -889.928+/-0.000 χ^2/NDF: 23265080.7/1

- sign -1377.924+/-0.173 χ^2/NDF: 4331608.3/52

dit_atl2_4eX_slope vs Slug



Right In: 1200.547+/-0.192 χ^2/NDF: 616142.0/25

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1285.537+/-0.195 χ^2/NDF: 538422.8/29

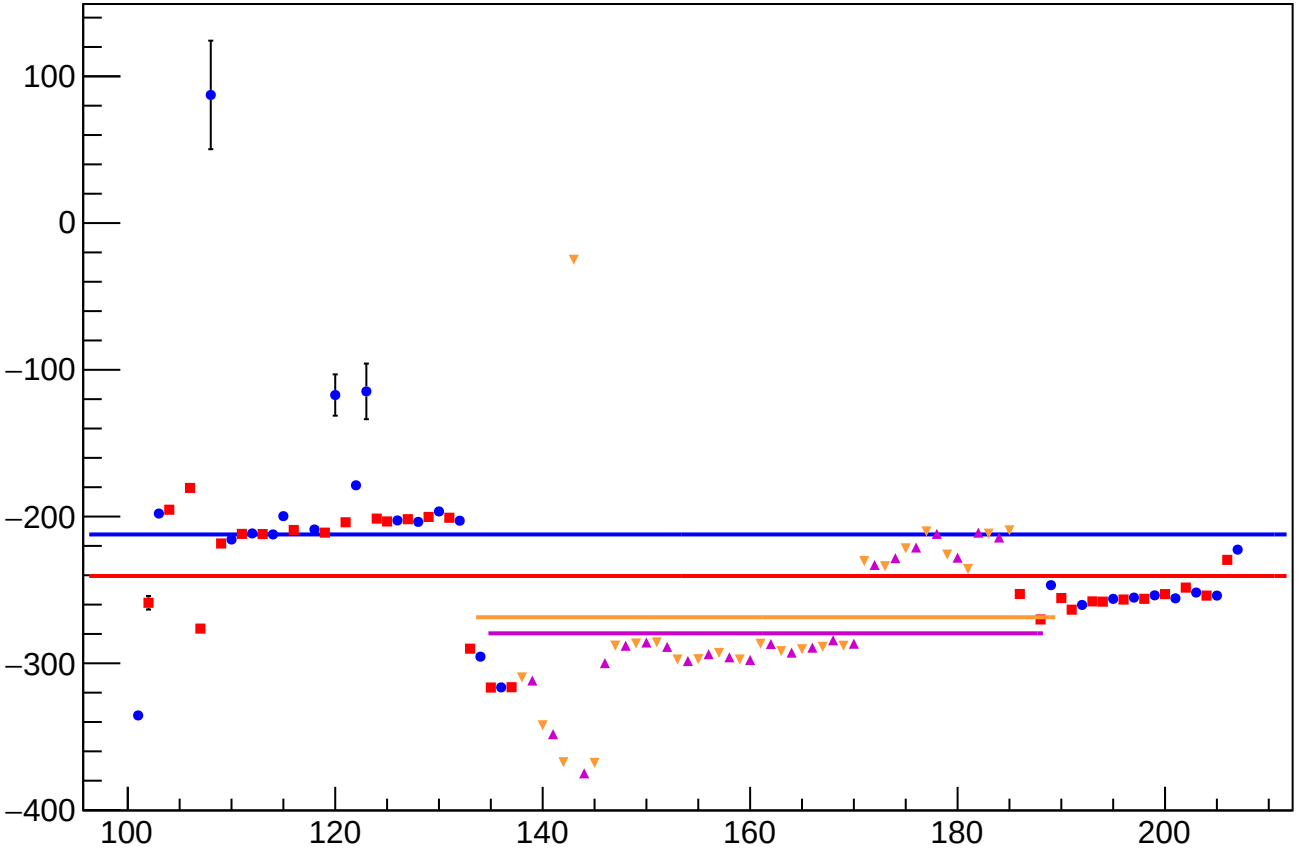
Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

+ sign 1370.968+/-0.169 χ^2/NDF: 4928049.7/50

All: 1403.724+/-0.121 χ^2/NDF: 8929014.2/10

- sign 1438.067+/-0.173 χ^2/NDF: 3923553.4/52

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 2032874.1/25

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -240.502+/-0.025 χ^2/NDF: 977357.6/29

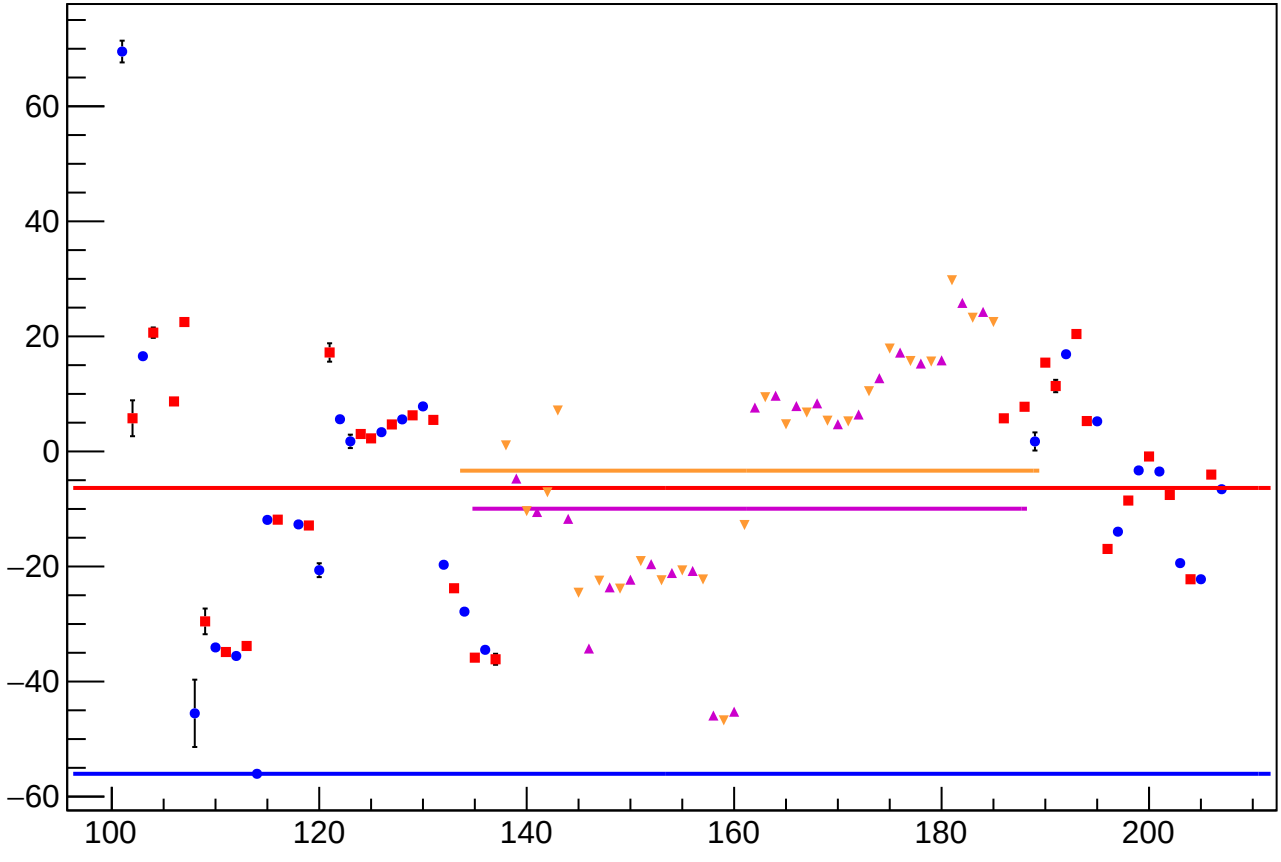
Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

+ sign -212.190+/-0.000 χ^2/NDF: 15630901.2/50

All: -212.190+/-0.000 χ^2/NDF: 29857370.6/1

- sign -262.835+/-0.016 χ^2/NDF: 4667746.9/52

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1845595.6/25

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.348+/-0.039 χ^2/NDF: 190517.8/29

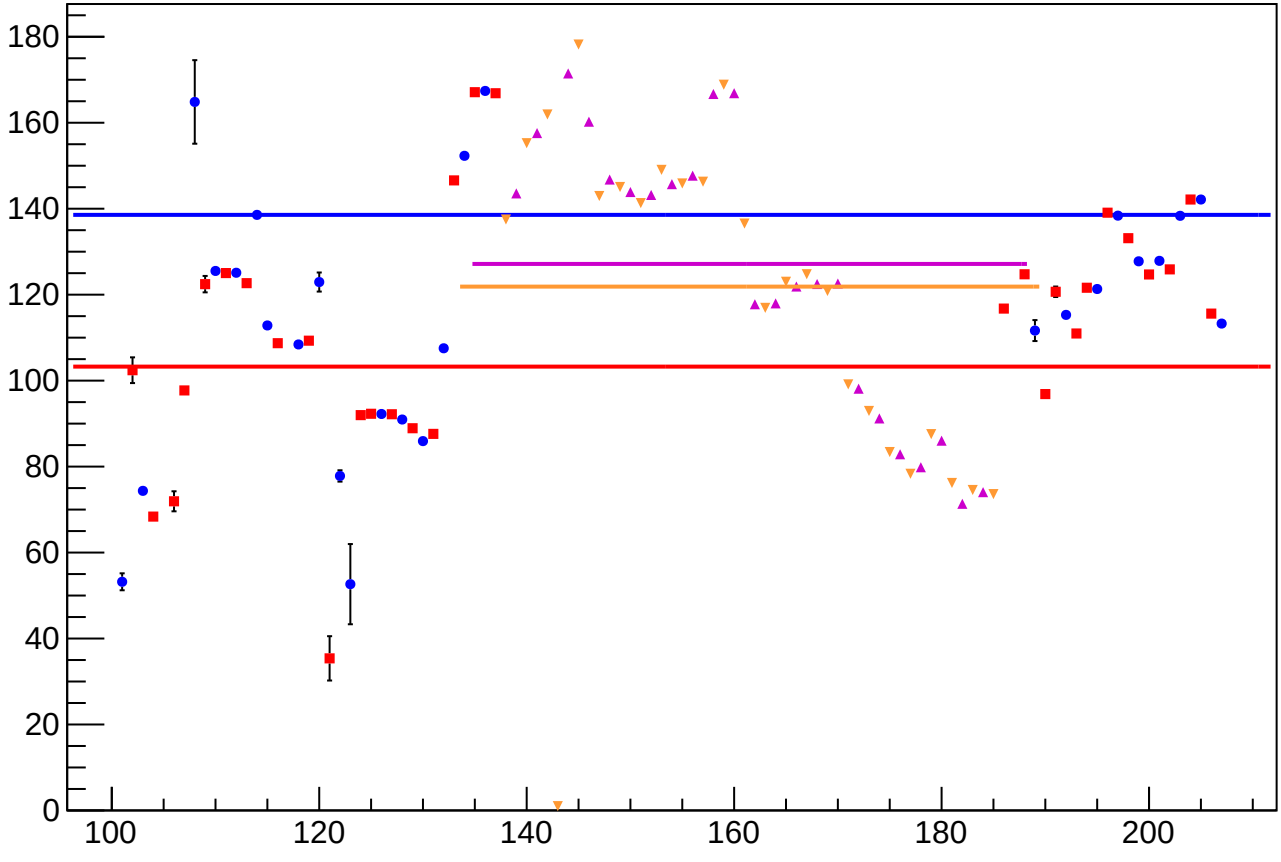
Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

+ sign -56.037+/-0.000 χ^2/NDF: 12233161.5/50

All: -56.037+/-0.000 χ^2/NDF: 21986714.6/10

- sign -9.286+/-0.017 χ^2/NDF: 1887434.6/52

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 930722.5/25

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 103.262+/-0.031 χ^2/NDF: 369528.6/29

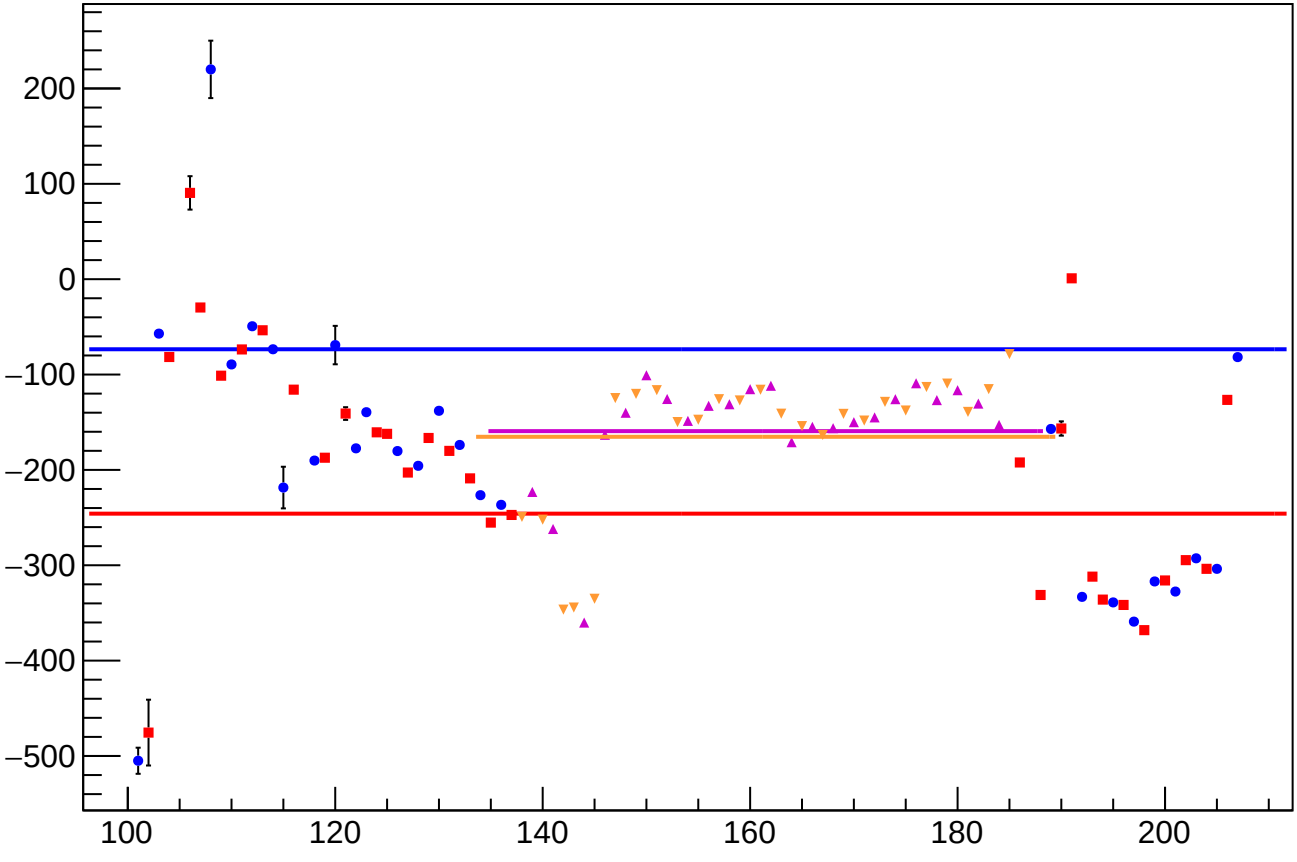
Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

+ sign 138.565+/-0.000 χ^2/NDF: 3019843.7/50

All: 138.565+/-0.000 χ^2/NDF: 6178868.2/103

- sign 117.380+/-0.020 χ^2/NDF: 2050455.0/52

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 519340.0/25

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -245.884+/-0.221 χ^2/NDF: 220348.5/29

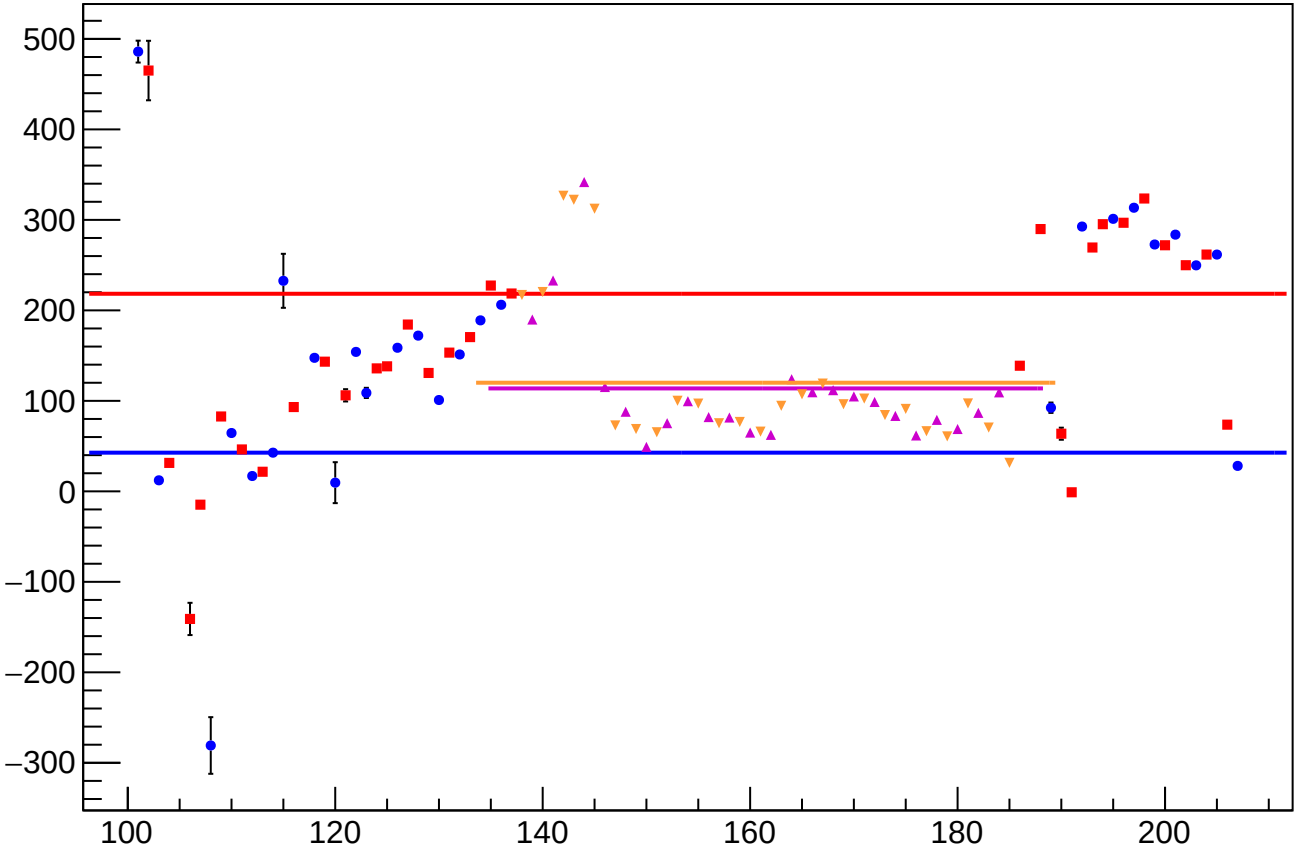
Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

+ sign -73.485+/-0.000 χ^2/NDF: 760556.3/50

All: -73.485+/-0.000 χ^2/NDF: 1789588.3/103

- sign -205.928+/-0.162 χ^2/NDF: 364722.3/52

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 485724.4/25

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 218.351+/-0.226 χ^2/NDF: 176969.9/29

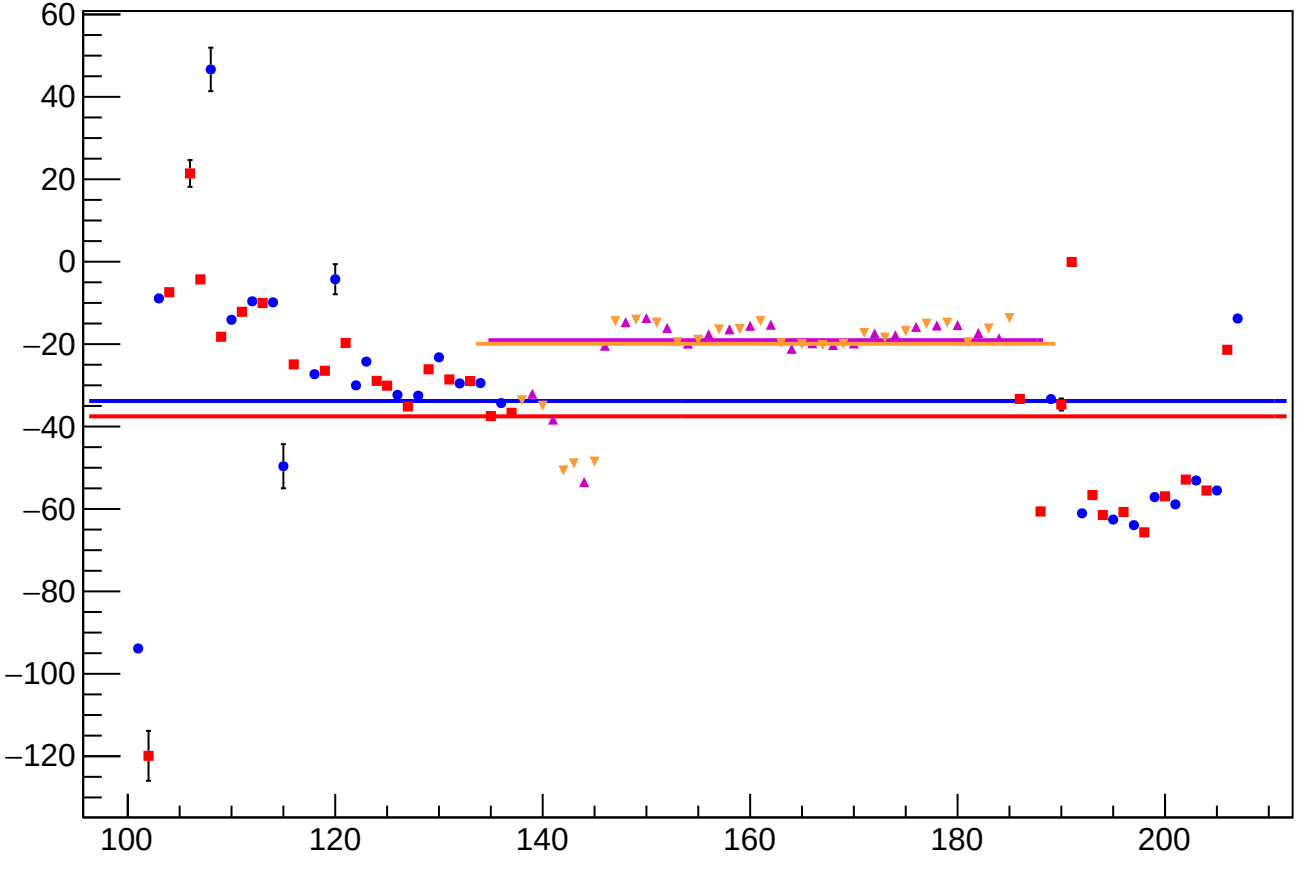
Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF: 690082.4/50

All: 42.743+/-0.000 χ^2/NDF: 1634177.6/103

- sign 170.465+/-0.167 χ^2/NDF: 356680.0/52

dit_atr1_11X12X_slope vs Slug



Right In: -33.798+/-0.026 χ^2/NDF: 399905.1/25

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -37.523+/-0.026 χ^2/NDF: 669774.7/29

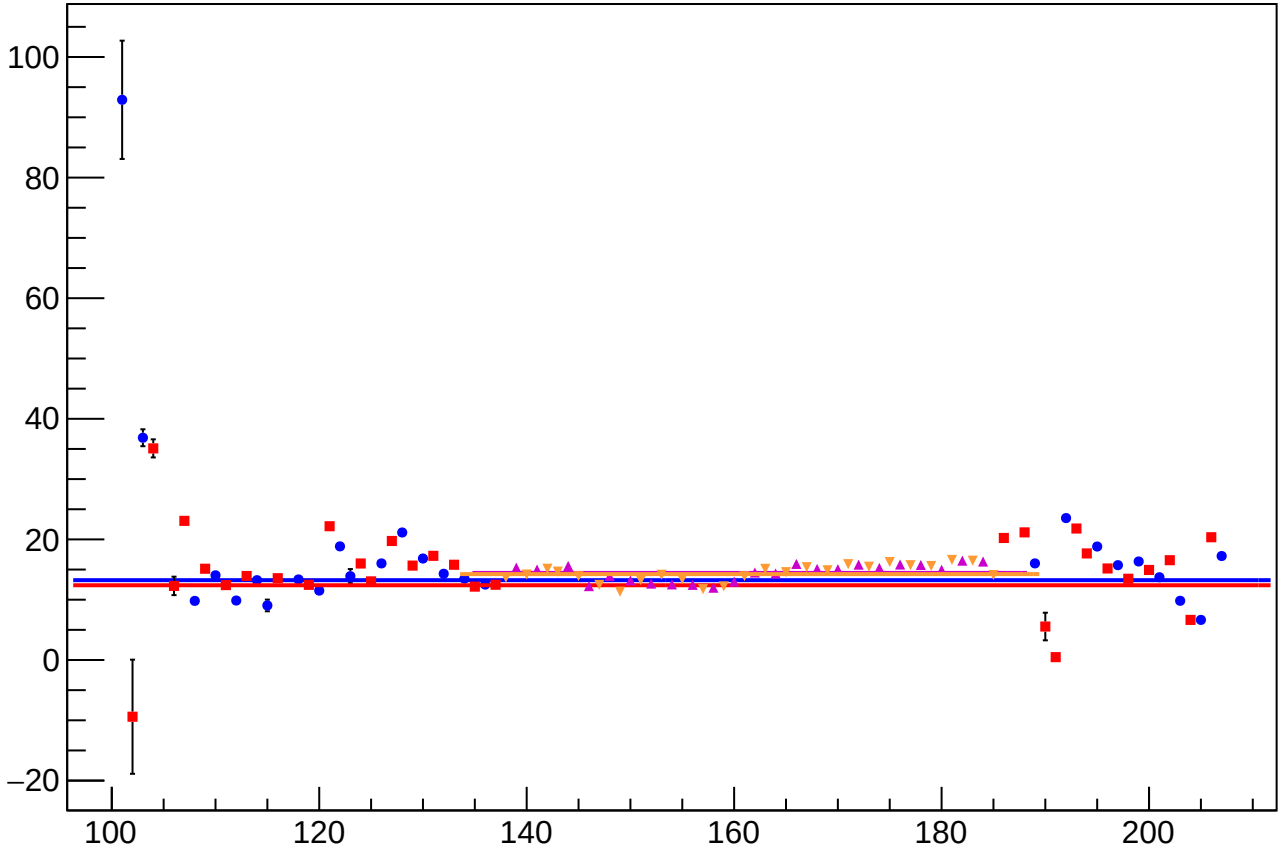
Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

+ sign -22.434+/-0.011 χ^2/NDF: 1006303.4/50

All: -22.751+/-0.008 χ^2/NDF: 2281580.4/103

- sign -23.142+/-0.012 χ^2/NDF: 1273452.1/52

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 8446.6/25

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.396+/-0.038 χ^2/NDF: 25211.8/29

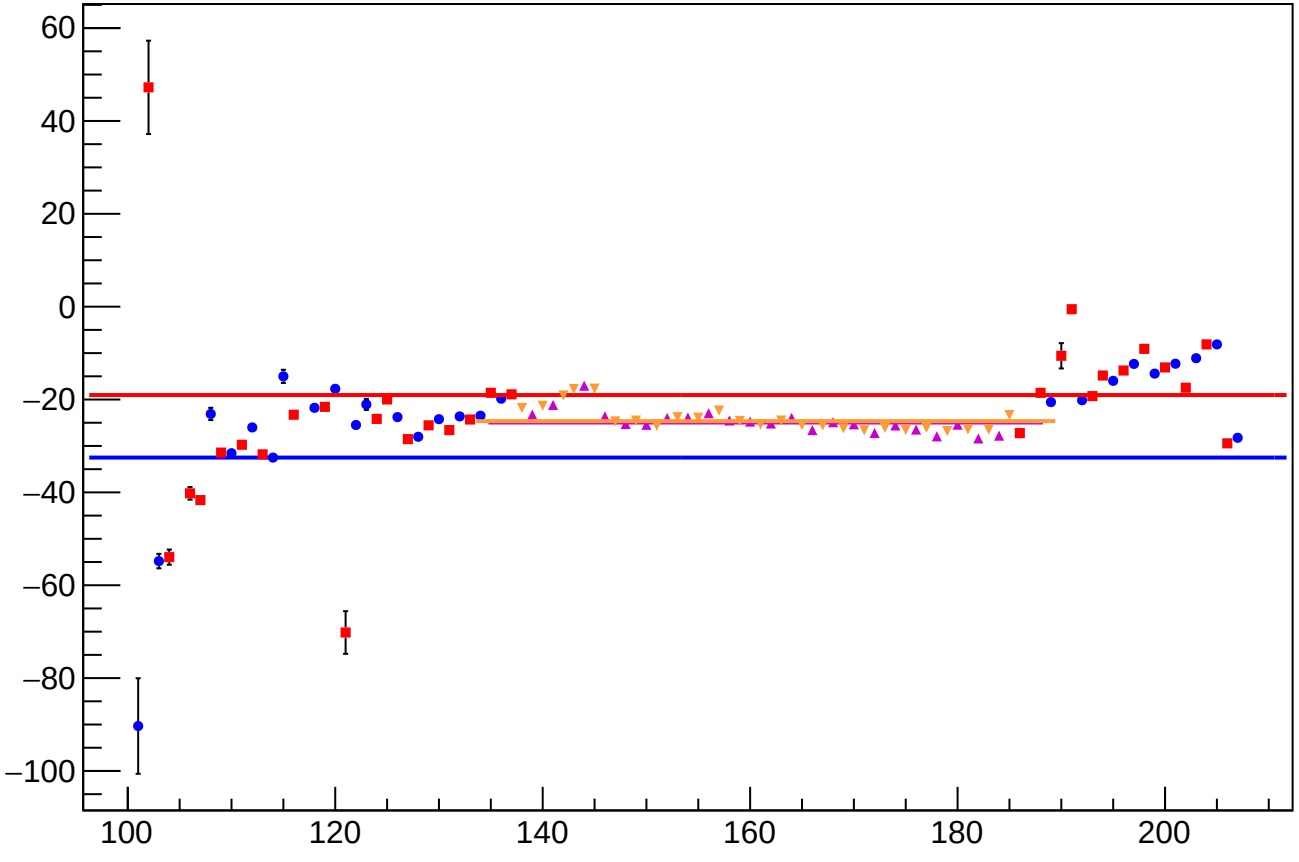
Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

+ sign 13.238+/-0.000 χ^2/NDF: 27883.8/50

All: 13.238+/-0.000 χ^2/NDF: 77203.5/103

- sign 14.267+/-0.011 χ^2/NDF: 40790.7/52

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 100391.5/25

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -19.030+/-0.038 χ^2/NDF: 66827.2/29

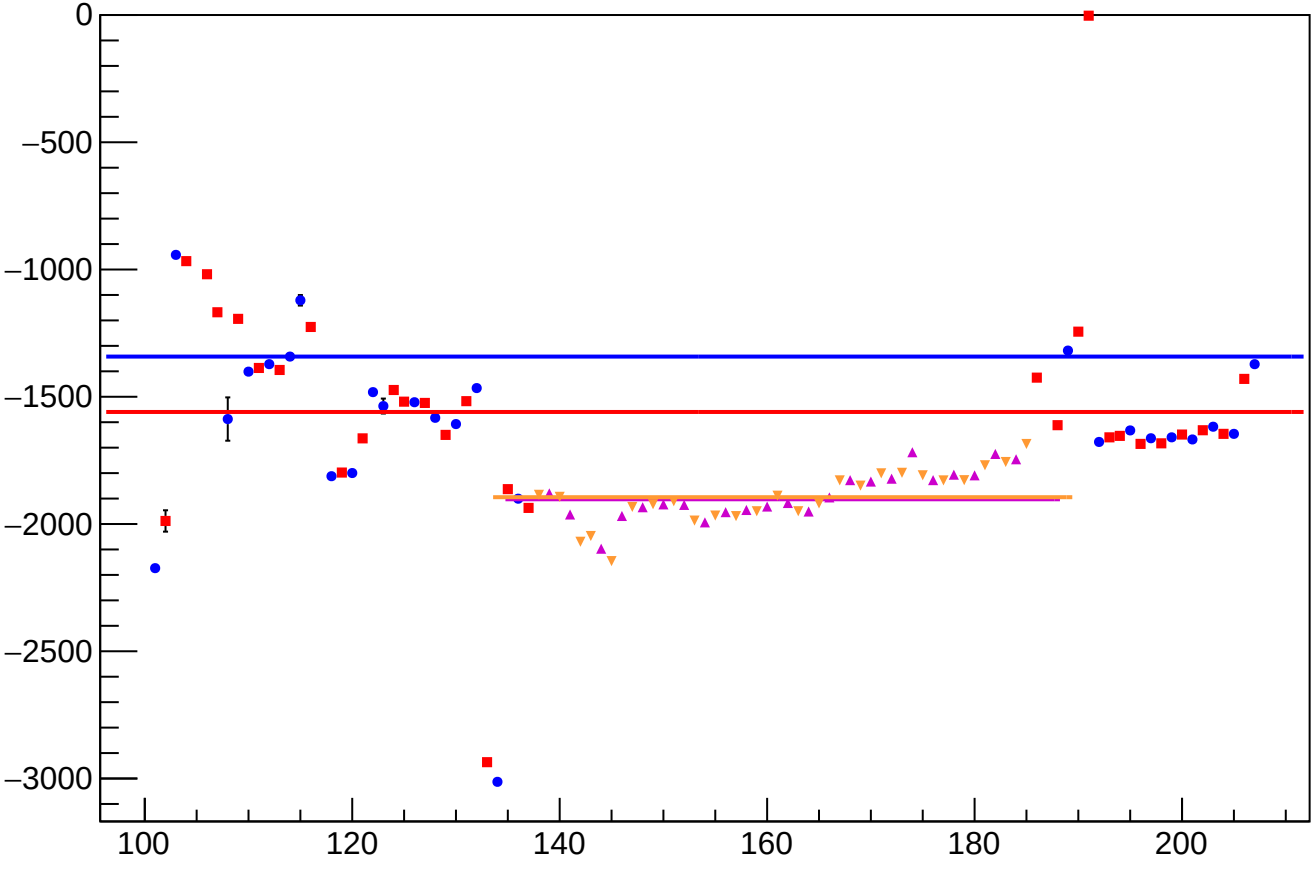
Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

+ sign -32.504+/-0.000 χ^2/NDF: 398779.4/50

All: -32.504+/-0.000 χ^2/NDF: 850082.9/103

- sign -24.152+/-0.014 χ^2/NDF: 101332.0/52

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 919669.3/25

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1559.735+/-0.234 χ^2/NDF: 1993230.6/29

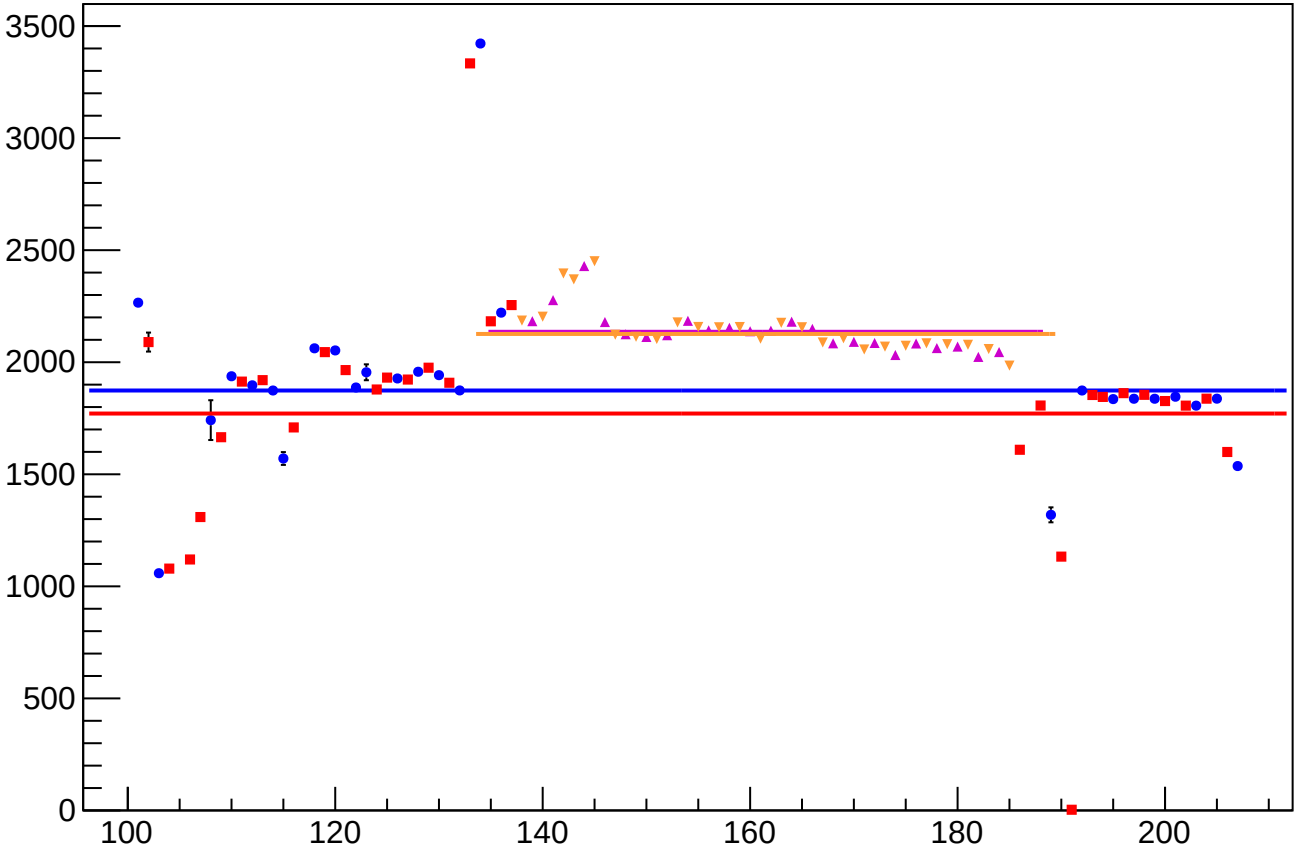
Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

+ sign -1342.107+/-0.000 χ^2/NDF: 4010353.4/50

All: -1342.107+/-0.000 χ^2/NDF: 10708342.4/

- sign -1695.669+/-0.182 χ^2/NDF: 2914615.8/52

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 531223.6/25

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1771.044+/-0.232 χ^2/NDF: 3353776.2/29

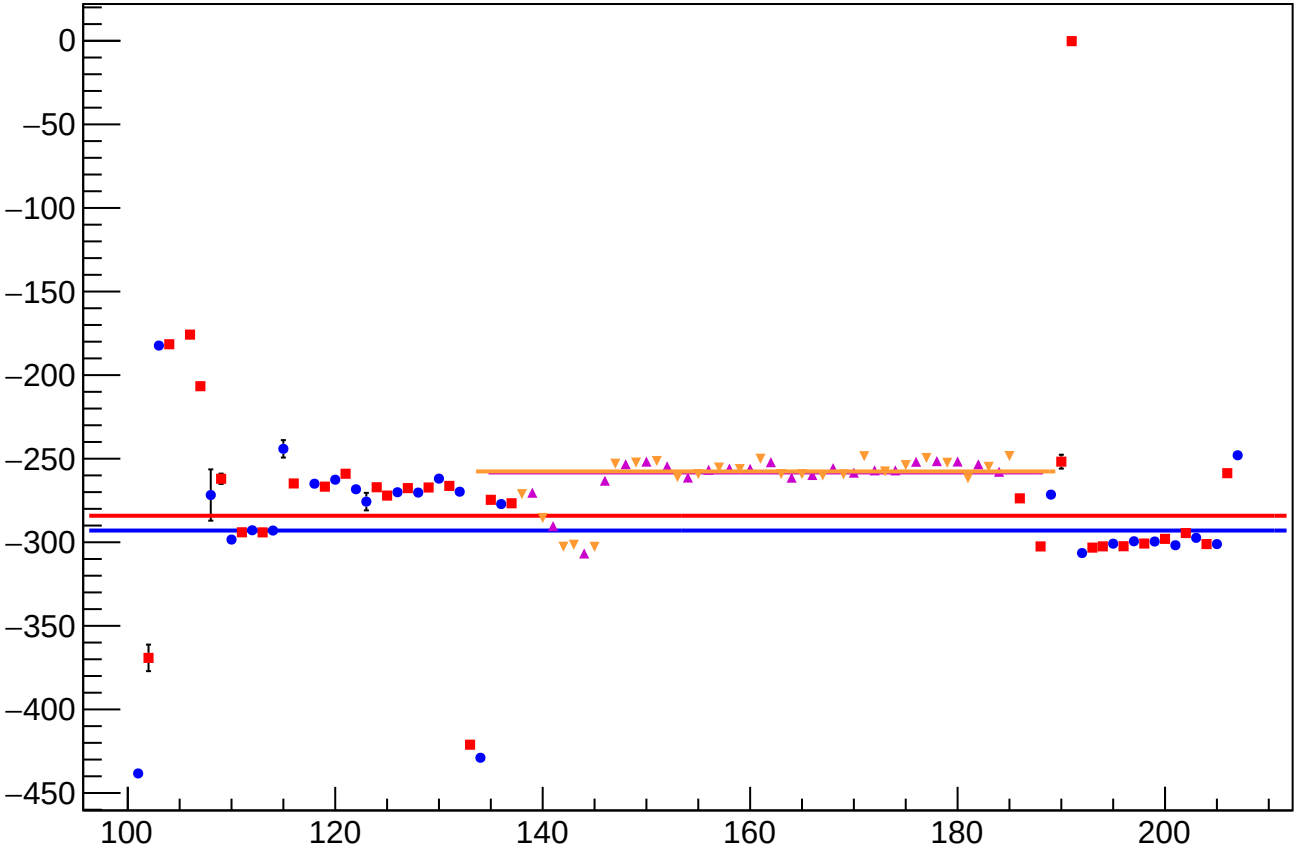
Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF: 1211835.3/50

All: 1873.852+/-0.000 χ^2/NDF: 5638658.4/10

- sign 1913.579+/-0.181 χ^2/NDF: 4378641.8/52

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1316373.6/25

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -284.131+/-0.031 χ^2/NDF: 1998248.9/29

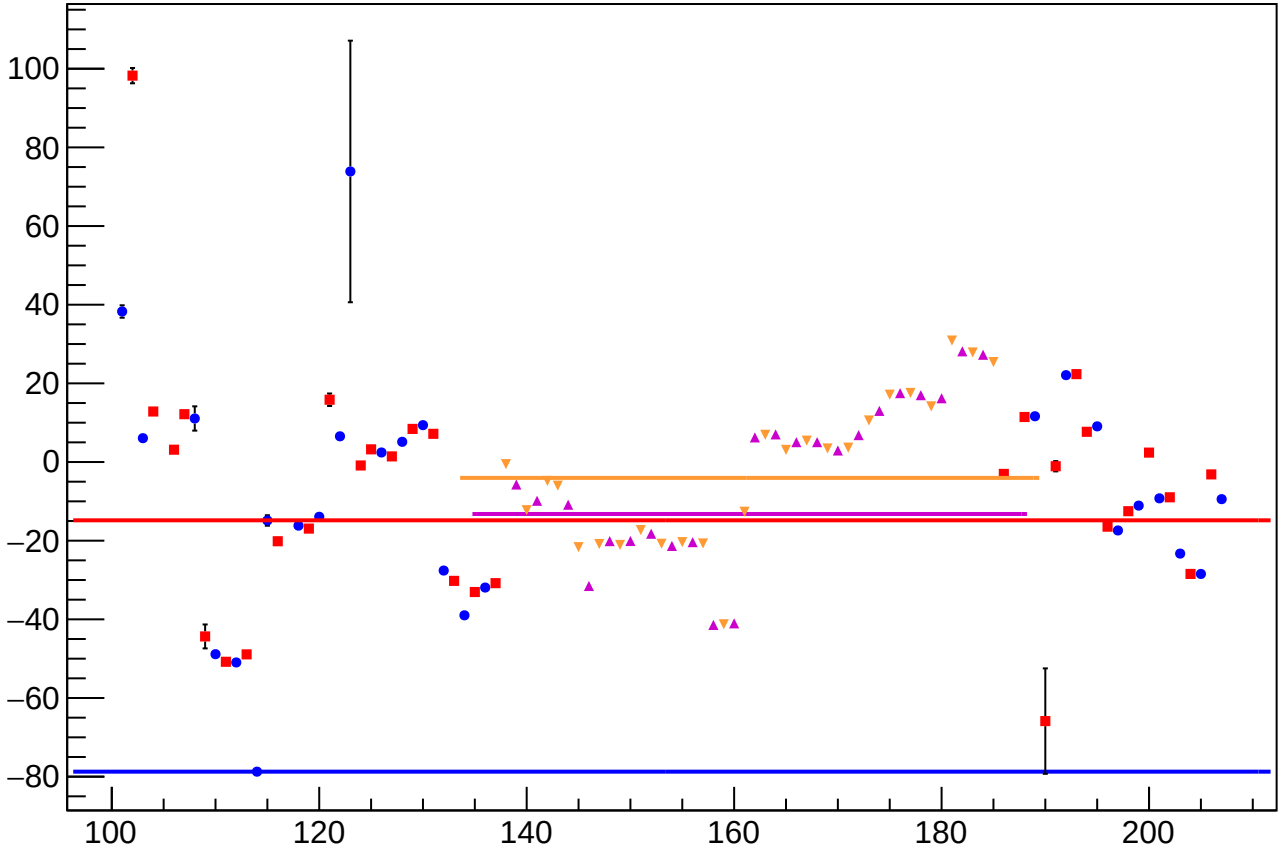
Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

+ sign -292.986+/-0.000 χ^2/NDF: 4713301.4/50

All: -292.986+/-0.000 χ^2/NDF: 11006884.0/1

- sign -264.428+/-0.015 χ^2/NDF: 2790164.6/52

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1731048.1/25

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -14.823+/-0.062 χ^2/NDF: 102828.7/29

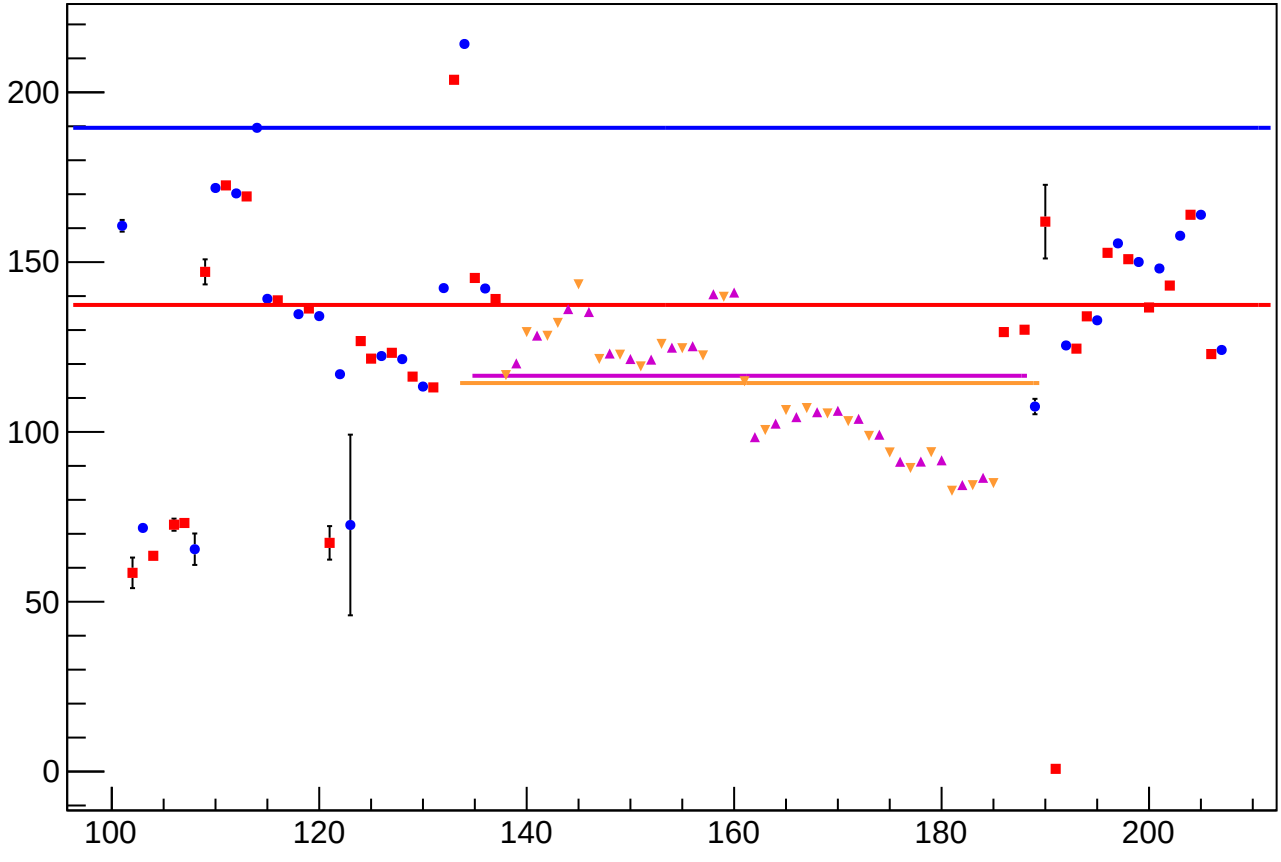
Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

+ sign -78.728+/-0.000 χ^2/NDF: 22241361.0/50

All: -78.728+/-0.000 χ^2/NDF: 39756102.1/10

- sign -13.324+/-0.016 χ^2/NDF: 1459488.5/52

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 1089507.7/25

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.395+/-0.054 χ^2/NDF: 133857.7/29

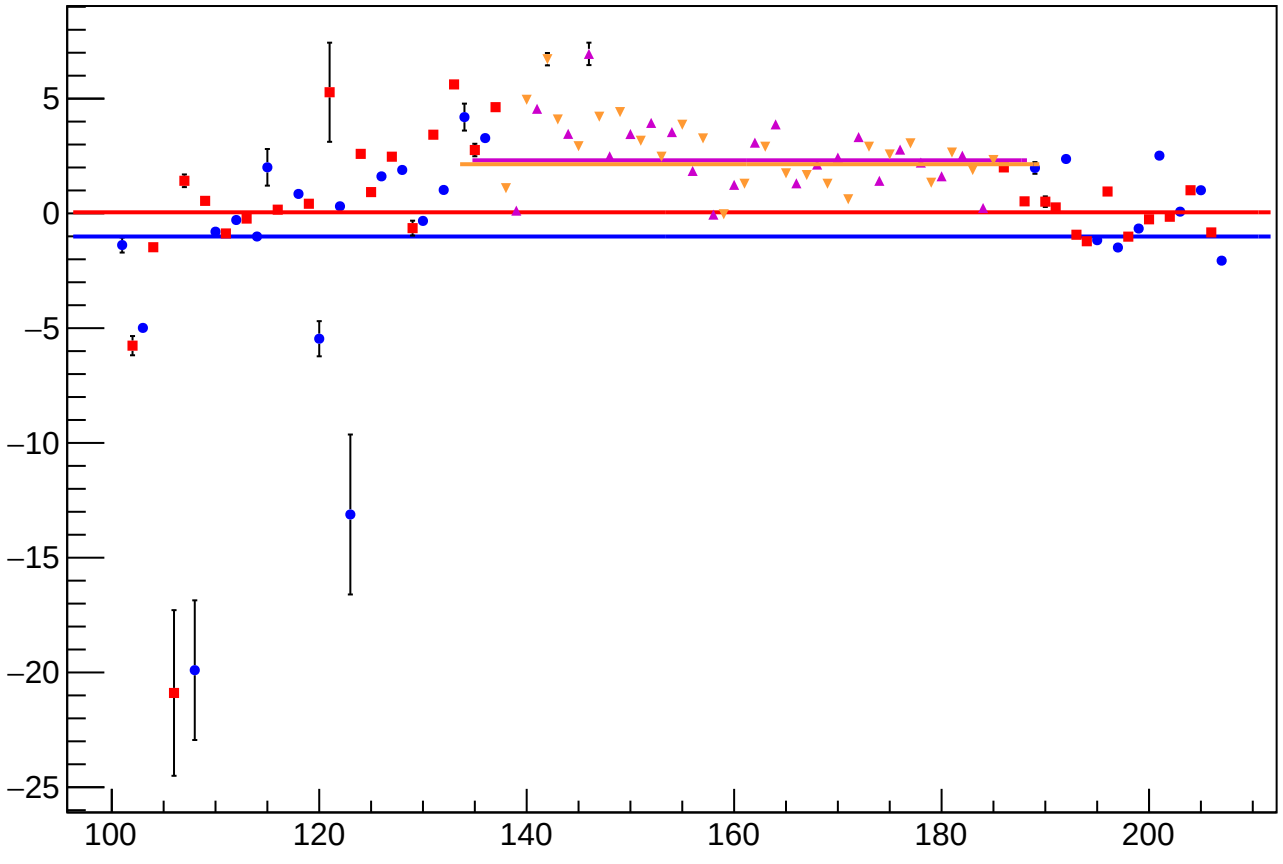
Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

+ sign 189.551+/-0.000 χ^2/NDF: 12610634.9/50

All: 189.551+/-0.000 χ^2/NDF: 23711348.8/10

- sign 119.928+/-0.022 χ^2/NDF: 718802.1/52

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 10227.6/25

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.048+/-0.013 χ^2/NDF: 6224.0/29

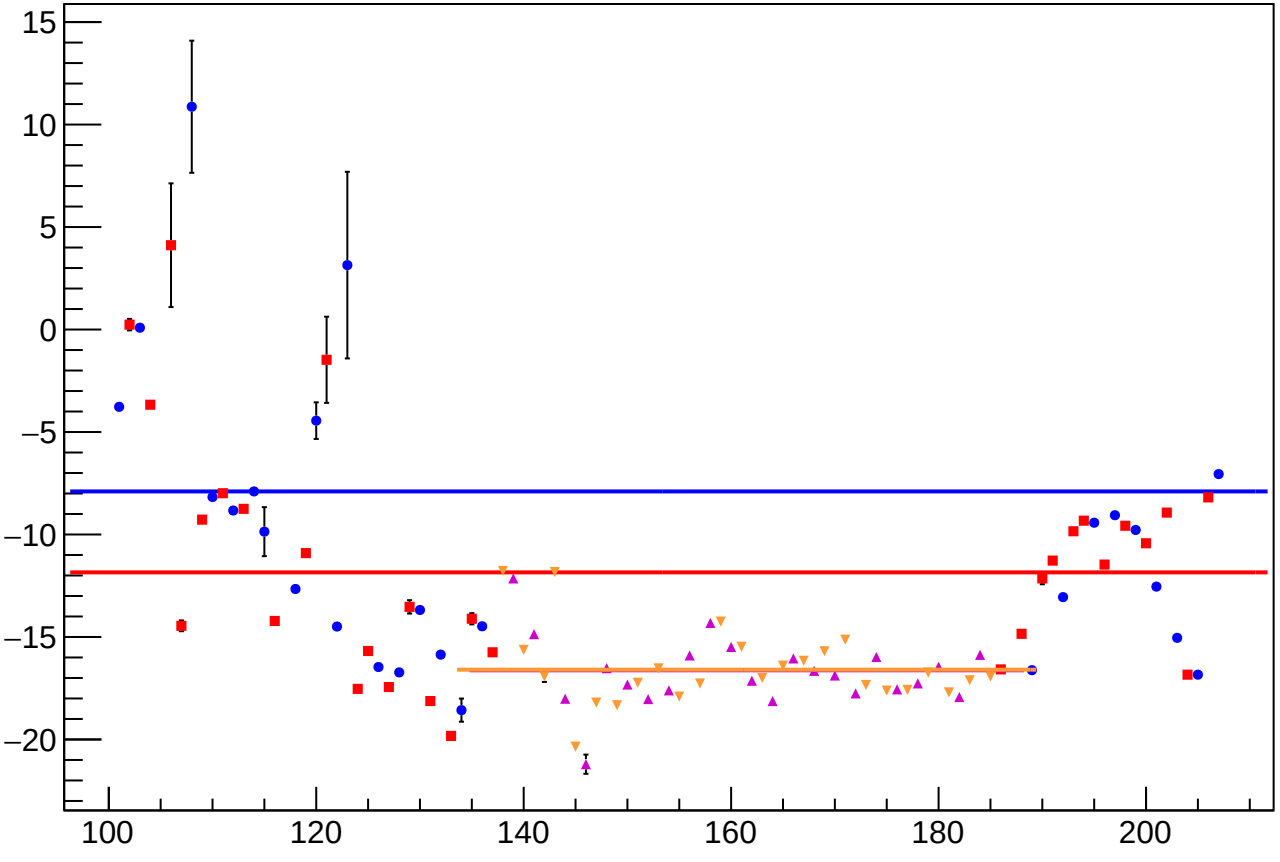
Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

+ sign -1.007+/-0.000 χ^2/NDF: 63034.0/50

All: -1.007+/-0.000 χ^2/NDF: 139289.9/103

- sign 1.068+/-0.009 χ^2/NDF: 27930.3/52

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 73699.7/25

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -11.848+/-0.014 χ^2/NDF: 47843.4/29

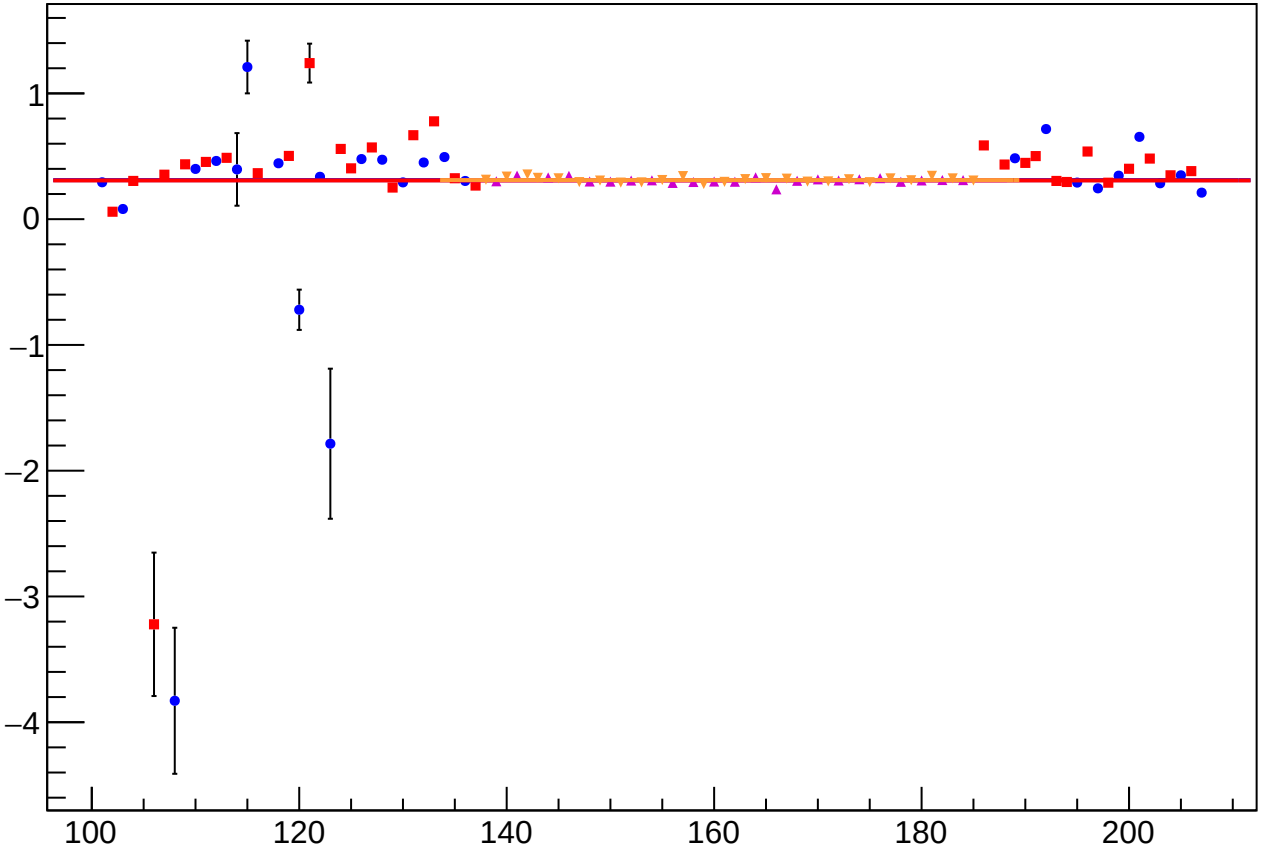
Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

+ sign -7.899+/-0.000 χ^2/NDF: 447977.9/50

All: -7.899+/-0.000 χ^2/NDF: 932163.2/103

- sign -14.157+/-0.010 χ^2/NDF: 108760.6/52

dit_sam1_11X12X_slope vs Slug



Right In: 0.310+/-0.001 χ^2/NDF: 4165.1/25

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.308+/-0.001 χ^2/NDF: 8517.6/29

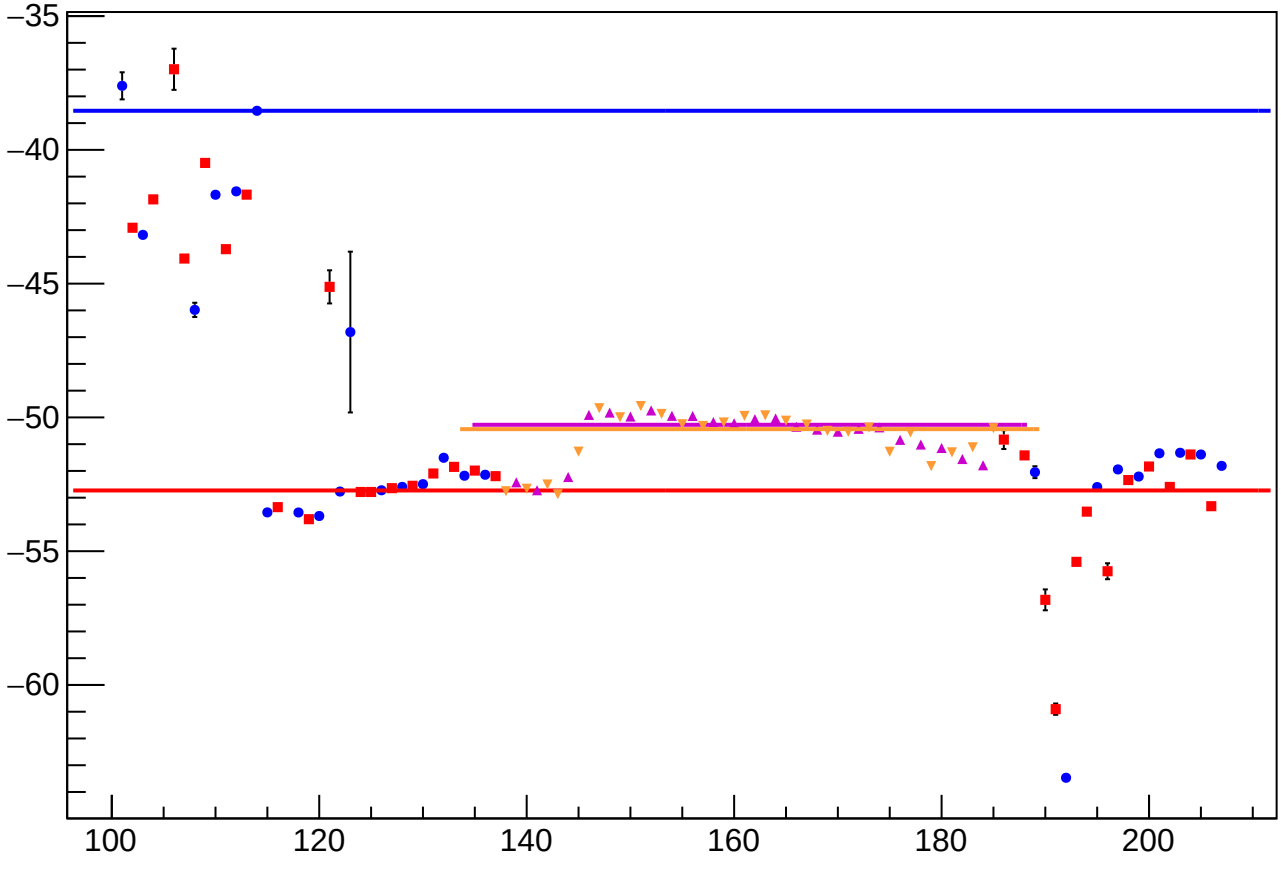
Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

+ sign 0.311+/-0.000 χ^2/NDF: 9140.9/50

All: 0.310+/-0.000 χ^2/NDF: 20747.2/103

- sign 0.310+/-0.000 χ^2/NDF: 11597.2/52

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 15427244.1/25

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.730+/-0.002 χ^2/NDF: 85930.6/29

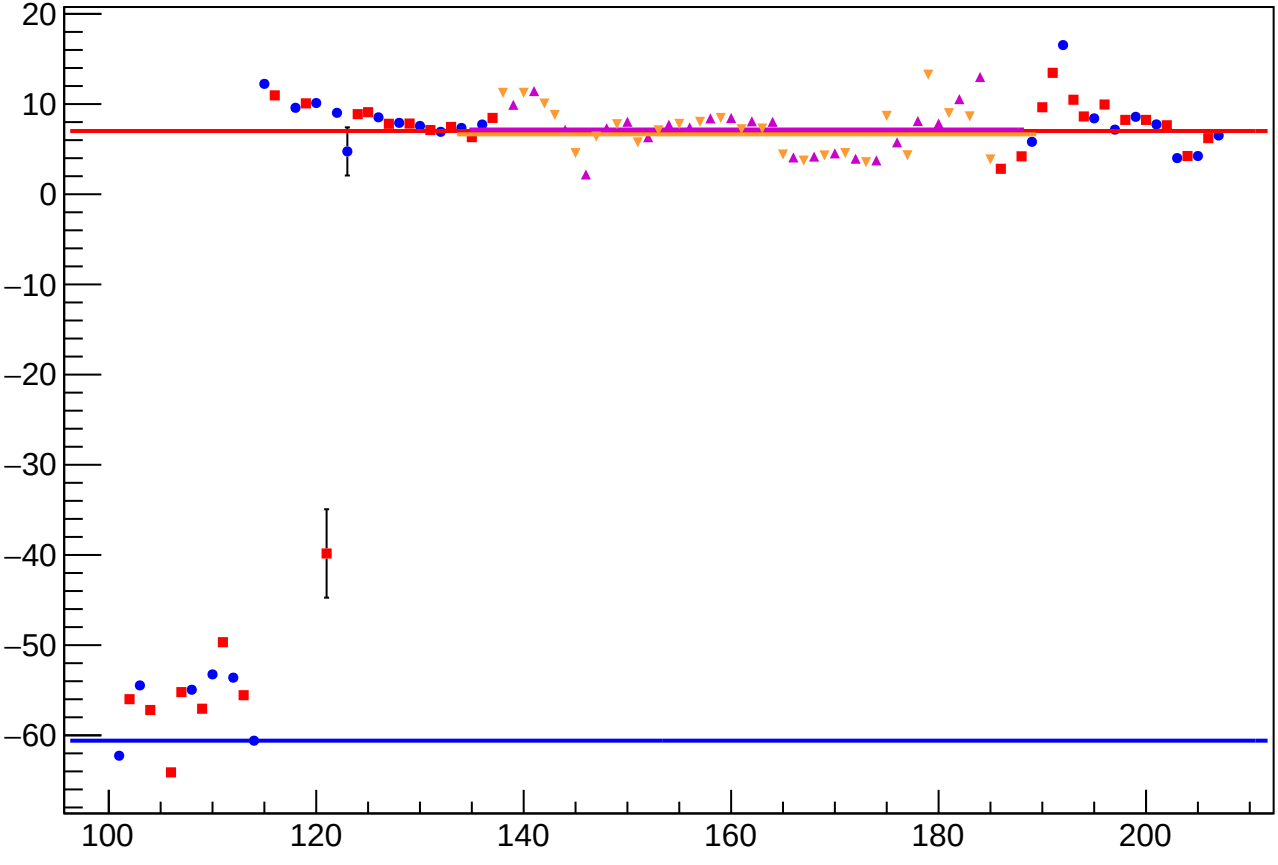
Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

+ sign -38.539+/-0.000 χ^2/NDF: 91306470.6/50

All: -38.539+/-0.000 χ^2/NDF: 237283476.2/1

- sign -51.036+/-0.001 χ^2/NDF: 1468290.2/52

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 38016127.8/25

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 7.015+/-0.009 χ^2/NDF: 1169634.2/29

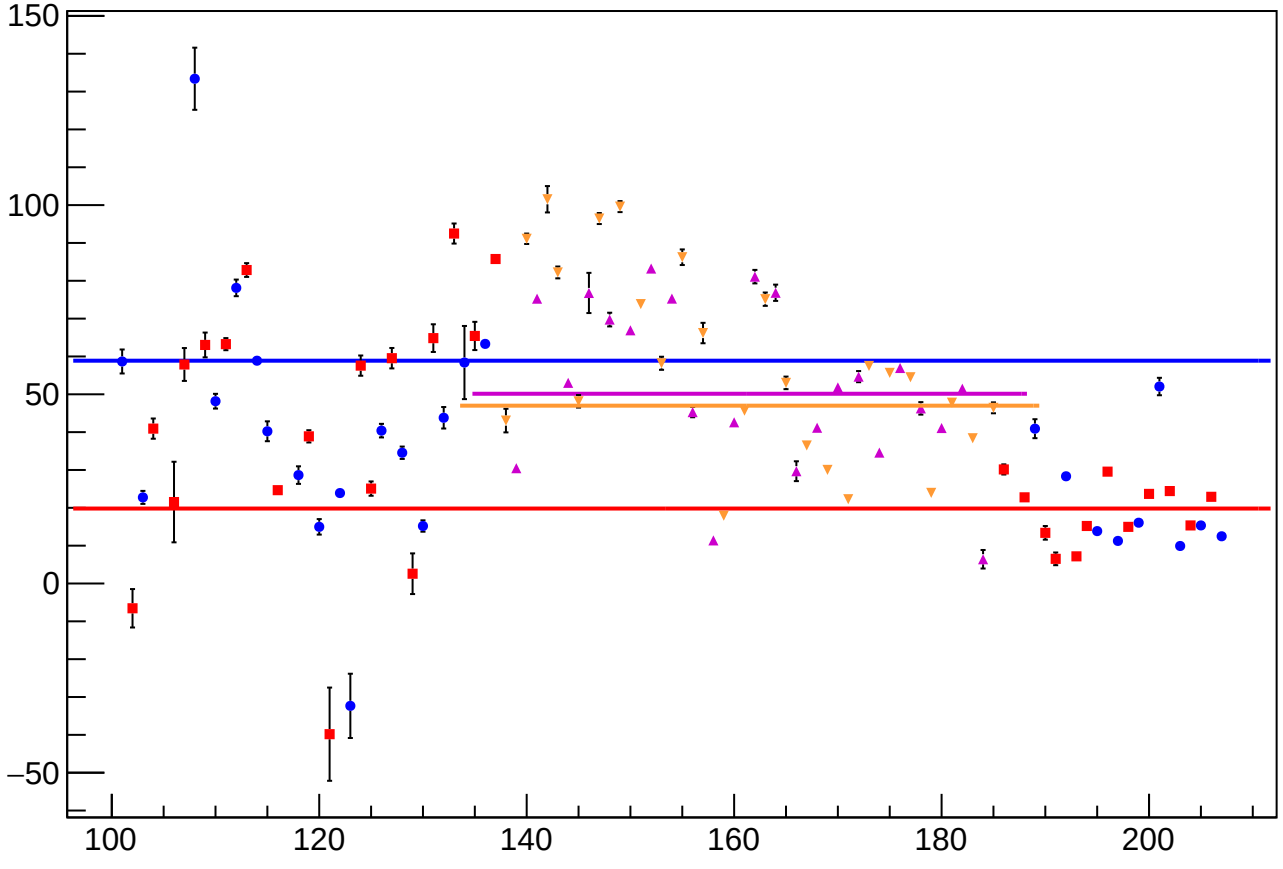
Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

+ sign -60.594+/-0.000 χ^2/NDF: 372421718.3/50

All: -60.594+/-0.000 χ^2/NDF: 810267577.5/1

- sign 7.159+/-0.003 χ^2/NDF: 1384034.5/52

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 58408.6/25

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.808+/-0.143 χ^2/NDF: 10945.2/29

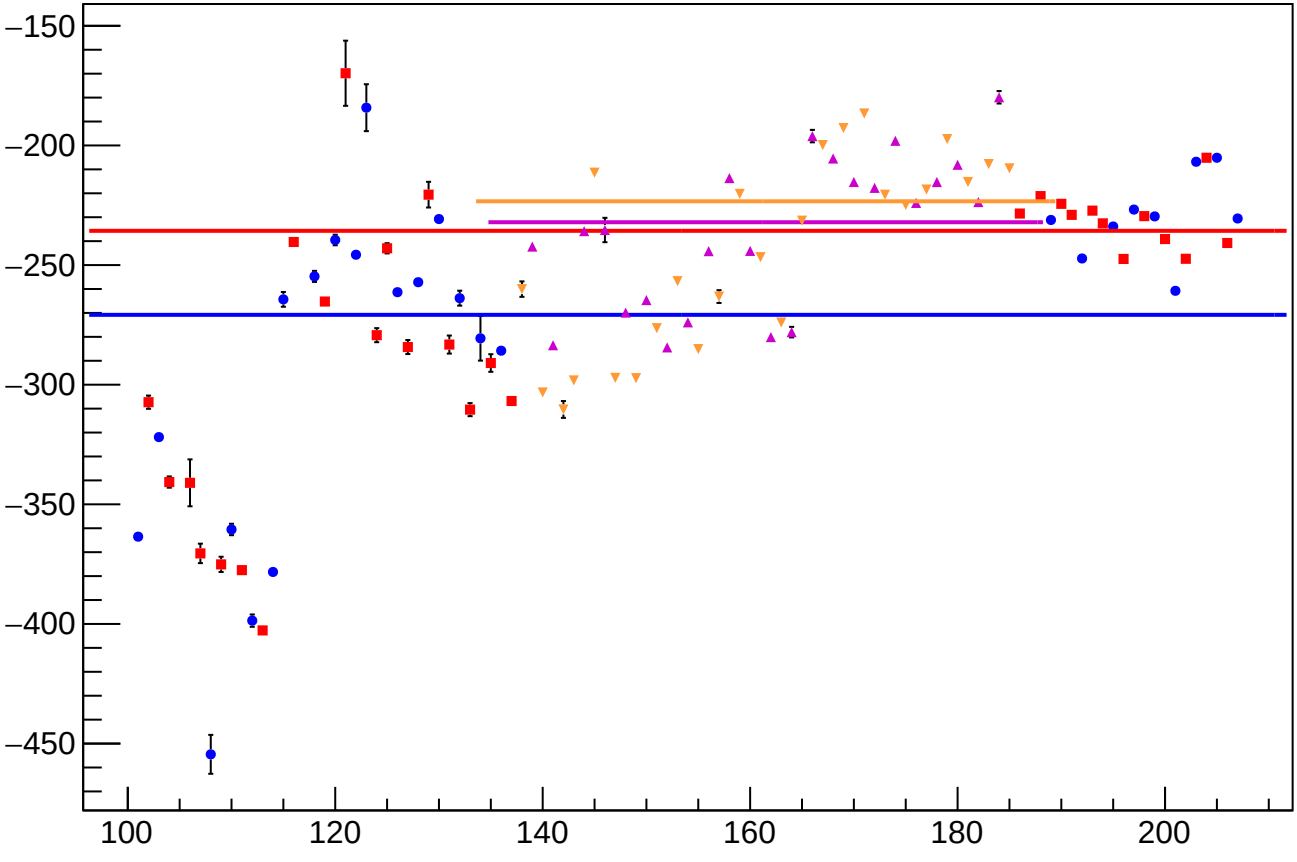
Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

+ sign 58.880+/-0.000 χ^2/NDF: 70669.0/50

All: 58.880+/-0.000 χ^2/NDF: 165042.9/103

- sign 29.289+/-0.118 χ^2/NDF: 31754.3/52

dit_sam2_4eX_slope vs Slug



Right In: -270.799+/-0.145 χ^2/NDF: 210530.4/25

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -235.681+/-0.129 χ^2/NDF: 31204.6/29

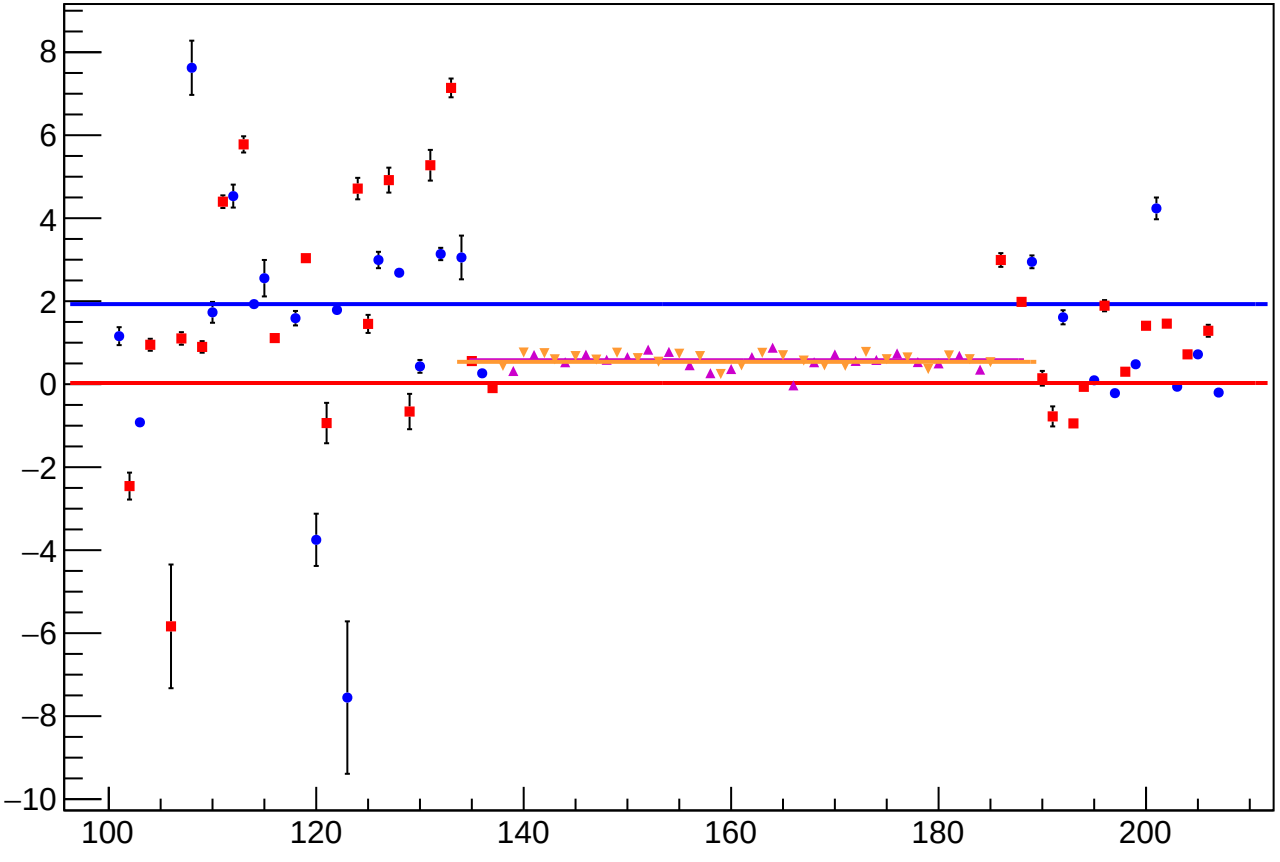
Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

+ sign -255.954+/-0.120 χ^2/NDF: 266173.0/50

All: -244.461+/-0.082 χ^2/NDF: 331834.7/103

- sign -234.751+/-0.111 χ^2/NDF: 48874.3/52

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 67630.8/25

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.029+/-0.004 χ^2/NDF: 12248.5/29

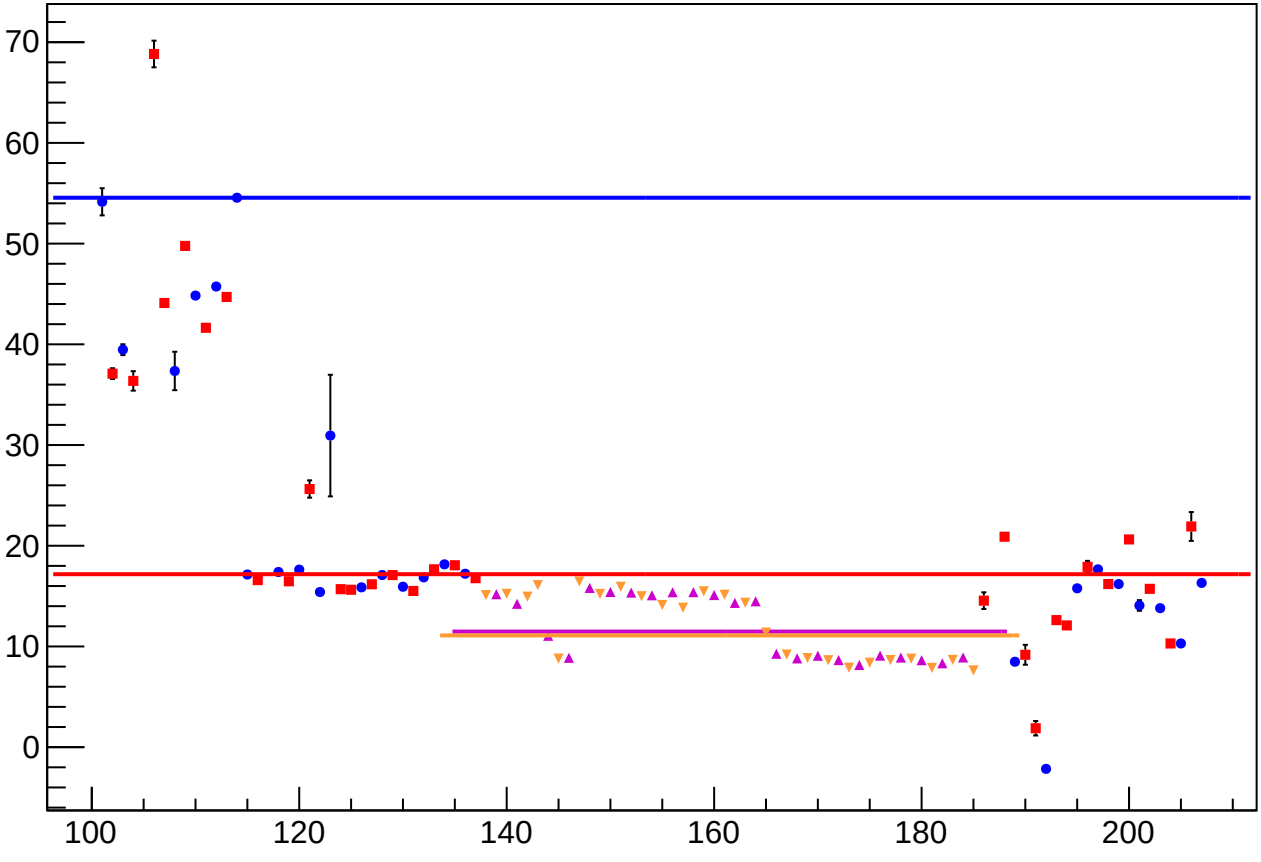
Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

+ sign 1.930+/-0.000 χ^2/NDF: 769707.4/50

All: 1.930+/-0.000 χ^2/NDF: 1864551.8/103

- sign 0.520+/-0.001 χ^2/NDF: 42548.7/52

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 10029639.4/25

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.175+/-0.018 χ^2/NDF: 63026.9/29

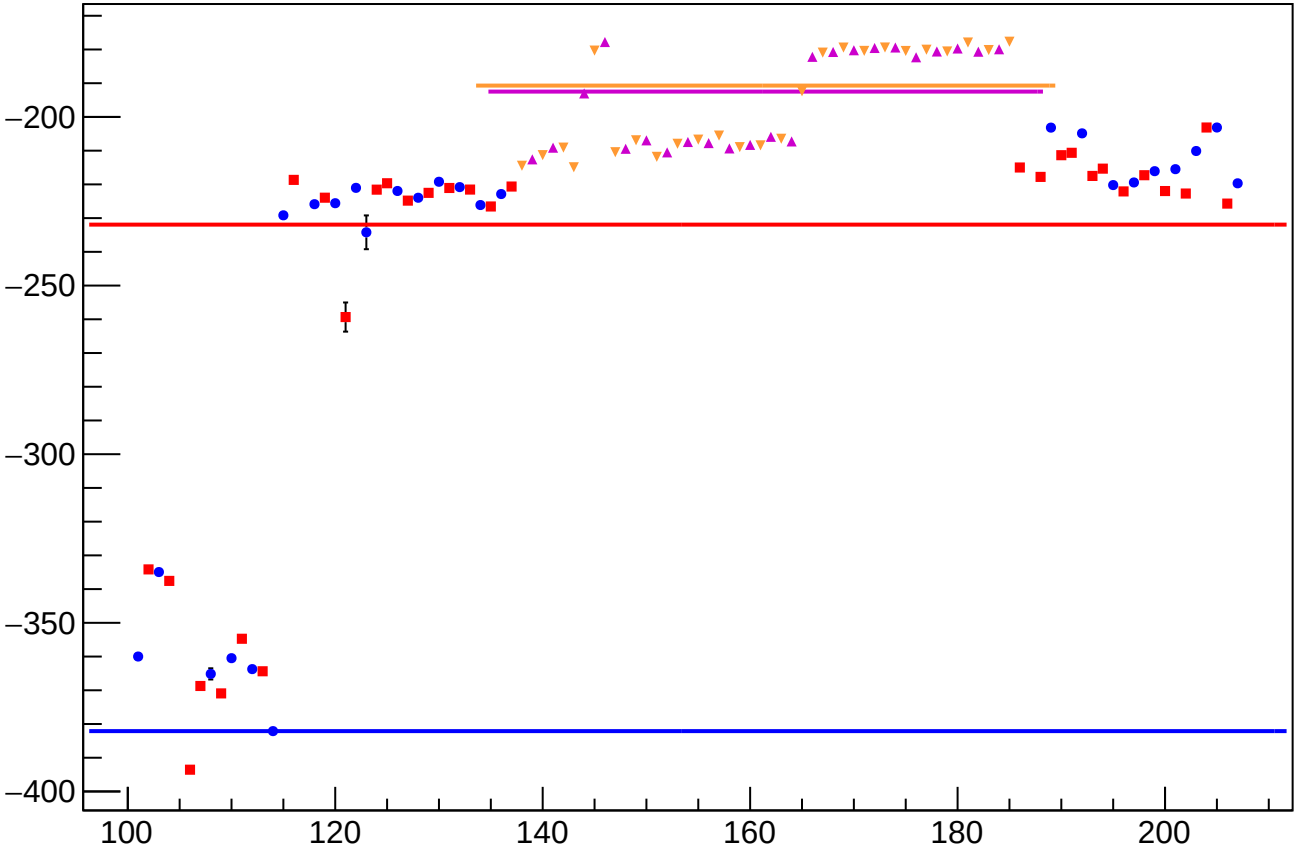
Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

+ sign 54.556+/-0.000 χ^2/NDF: 76236438.1/50

All: 54.556+/-0.000 χ^2/NDF: 148961001.3/10

- sign 11.922+/-0.005 χ^2/NDF: 537159.0/52

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 20899825.3/25

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -231.930+/-0.045 χ^2/NDF: 666175.0/29

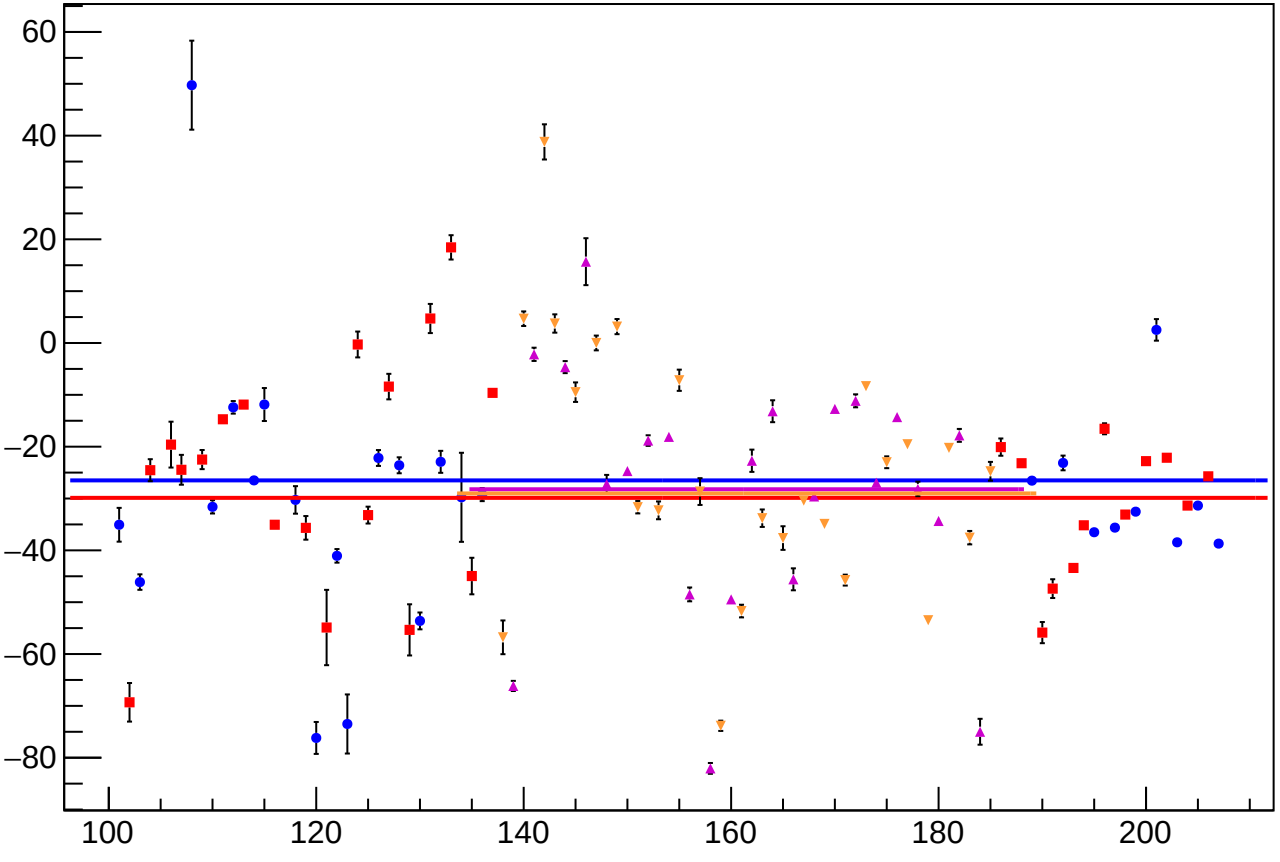
Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

+ sign -382.108+/-0.000 χ^2/NDF: 316838655.6/50

All: -382.108+/-0.000 χ^2/NDF: 607282746.4/

- sign -194.868+/-0.011 χ^2/NDF: 2890673.3/52

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 3855.5/25

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -29.873+/-0.151 χ^2/NDF: 4914.6/29

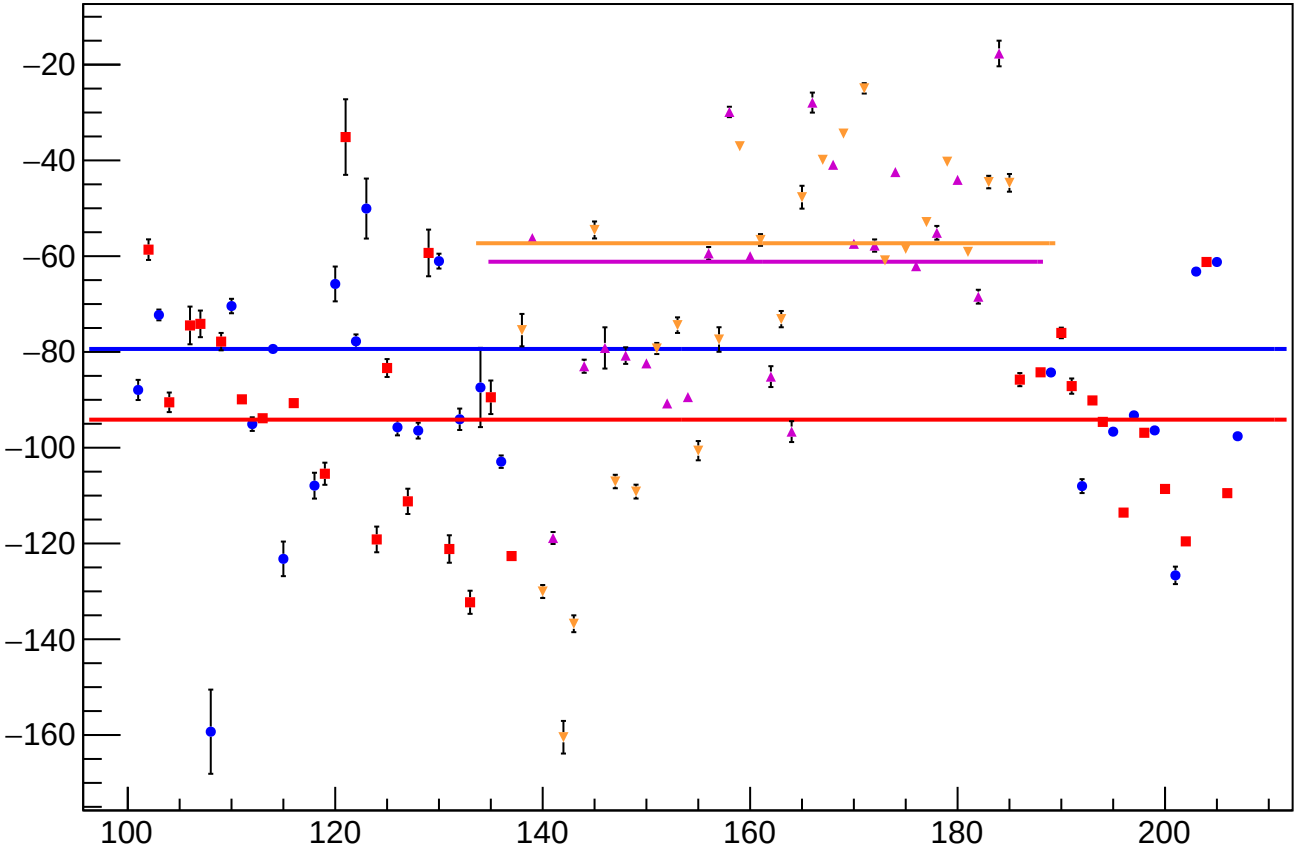
Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

+ sign -26.504+/-0.000 χ^2/NDF: 11081.1/50

All: -26.504+/-0.000 χ^2/NDF: 24345.5/103

- sign -29.325+/-0.123 χ^2/NDF: 12741.1/52

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 10259.4/25

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -94.140+/-0.130 χ^2/NDF: 8286.8/29

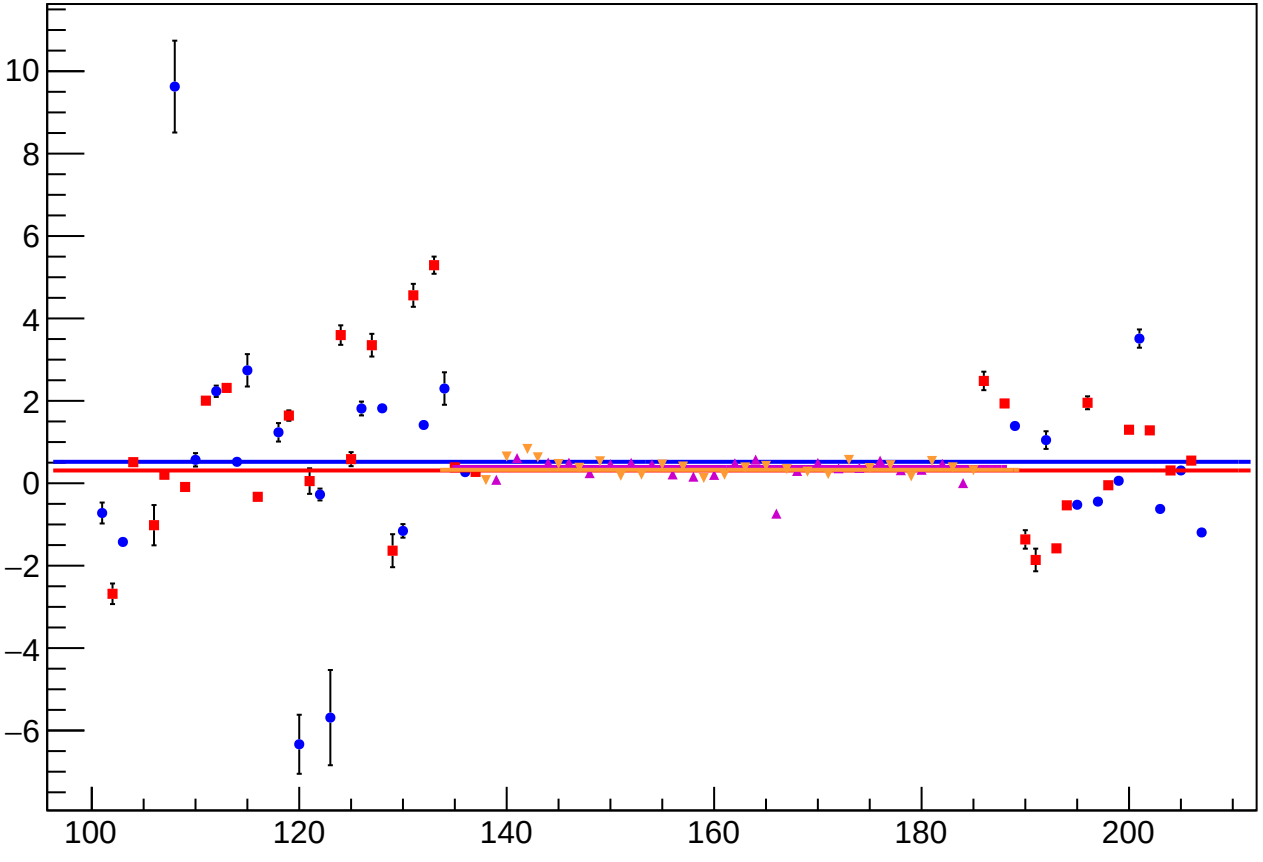
Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

+ sign -79.376+/-0.000 χ^2/NDF: 32604.7/50

All: -79.376+/-0.000 χ^2/NDF: 69807.9/103

- sign -85.501+/-0.111 χ^2/NDF: 34179.4/52

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 5689.3/25

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.310+/-0.010 χ^2/NDF: 6383.3/29

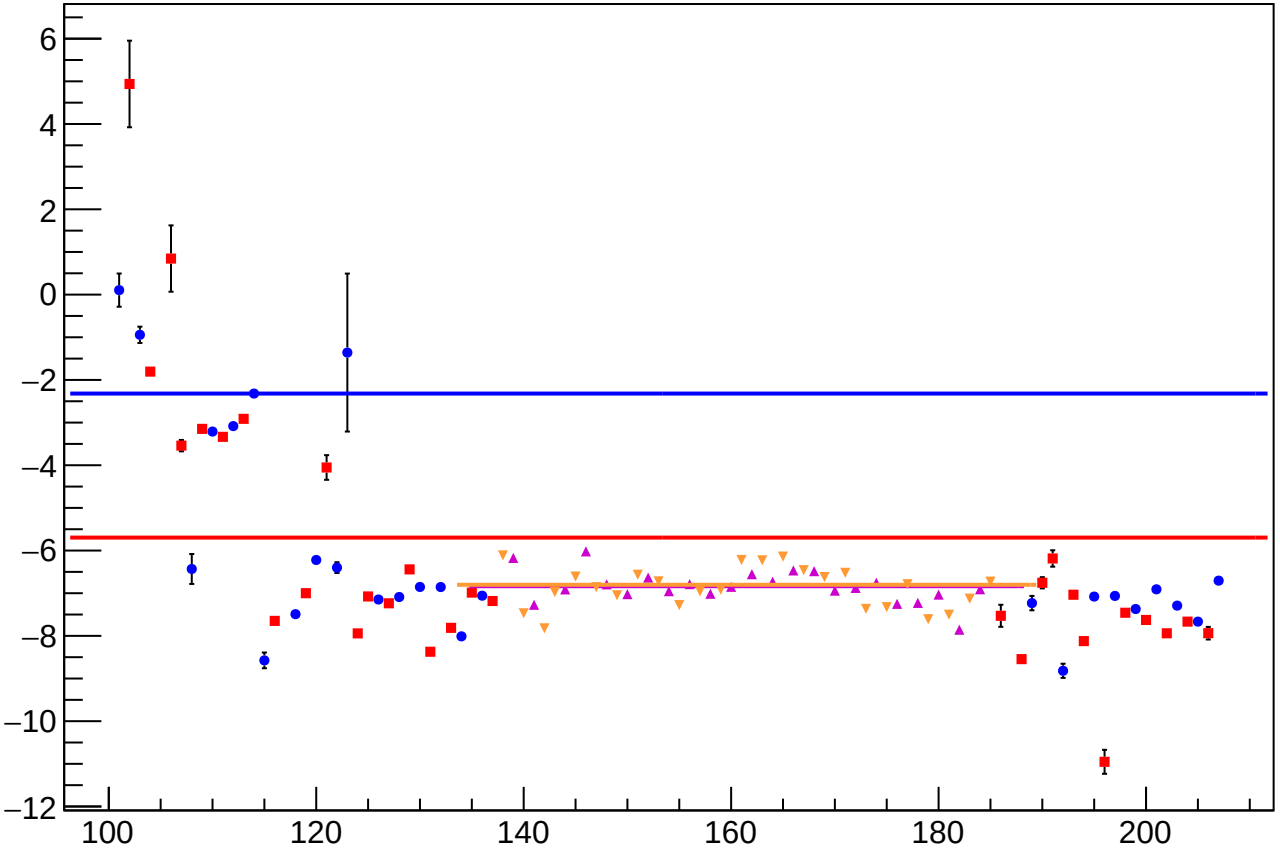
Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF: 30861.7/50

All: 0.521+/-0.000 χ^2/NDF: 56613.7/103

- sign 0.394+/-0.001 χ^2/NDF: 17849.9/52

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 320991.3/25

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.696+/-0.009 χ^2/NDF: 68734.9/29

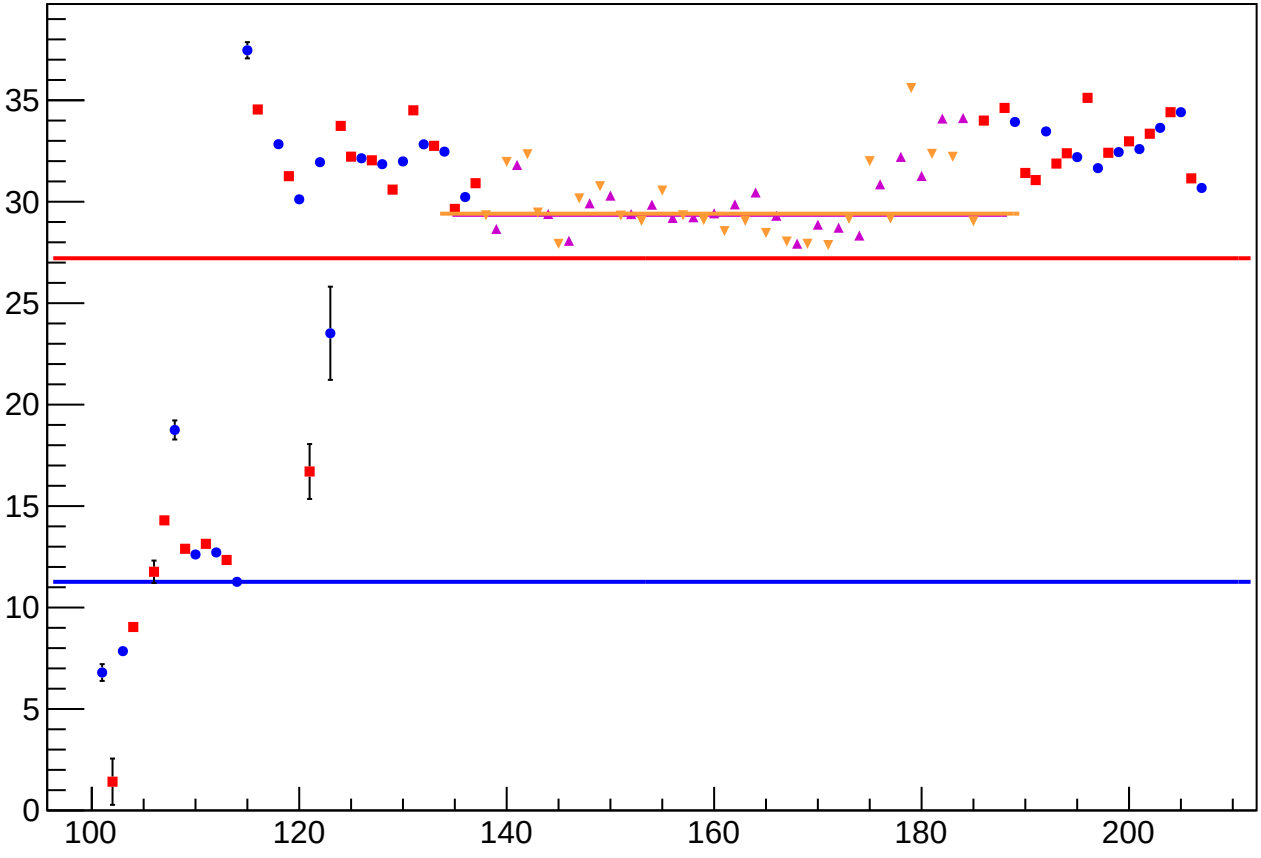
Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF: 3583817.1/50

All: -2.320+/-0.000 χ^2/NDF: 7325054.7/103

- sign -6.754+/-0.002 χ^2/NDF: 93980.8/52

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 2001383.5/25

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 27.214+/-0.012 χ^2/NDF: 547033.6/29

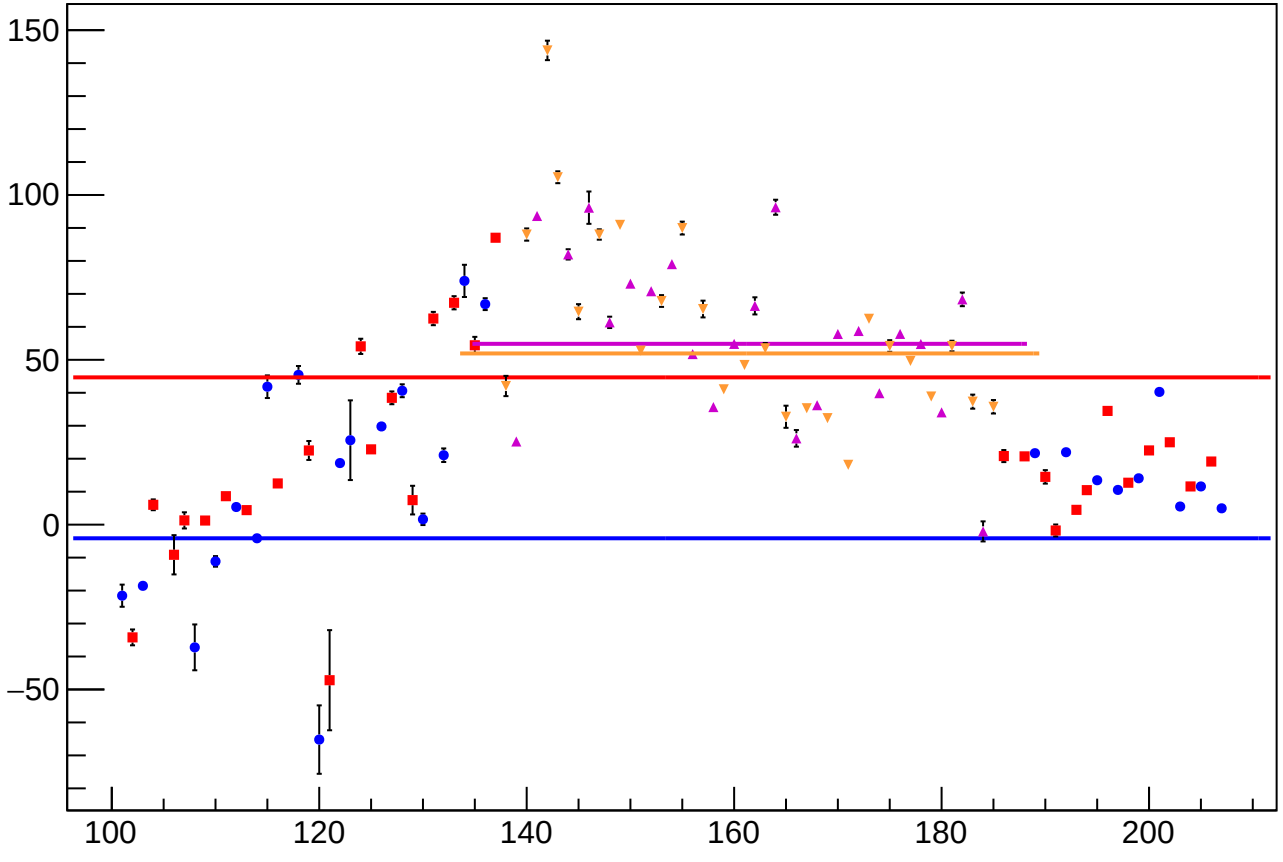
Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

+ sign 11.268+/-0.000 χ^2/NDF: 6961008.5/50

All: 11.268+/-0.000 χ^2/NDF: 14422044.8/103

- sign 28.743+/-0.007 χ^2/NDF: 582800.6/52

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 10460.6/25

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 44.674+/-0.143 χ^2/NDF: 65051.2/29

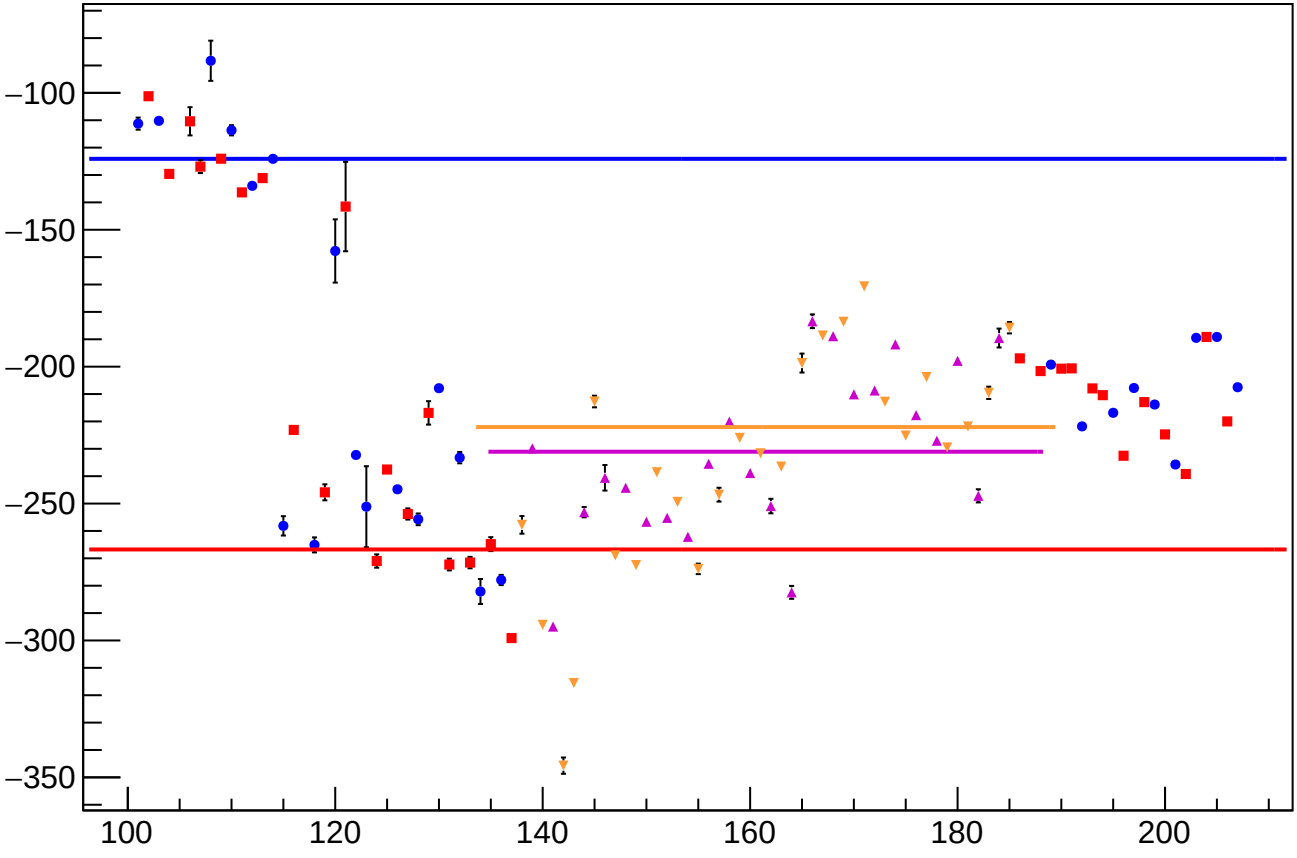
Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

+ sign -4.139+/-0.000 χ^2/NDF: 58092.1/50

All: -4.139+/-0.000 χ^2/NDF: 302589.9/103

- sign 47.231+/-0.124 χ^2/NDF: 72645.6/52

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 254225.3/25

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -266.764+/-0.100 χ^2/NDF: 229930.6/29

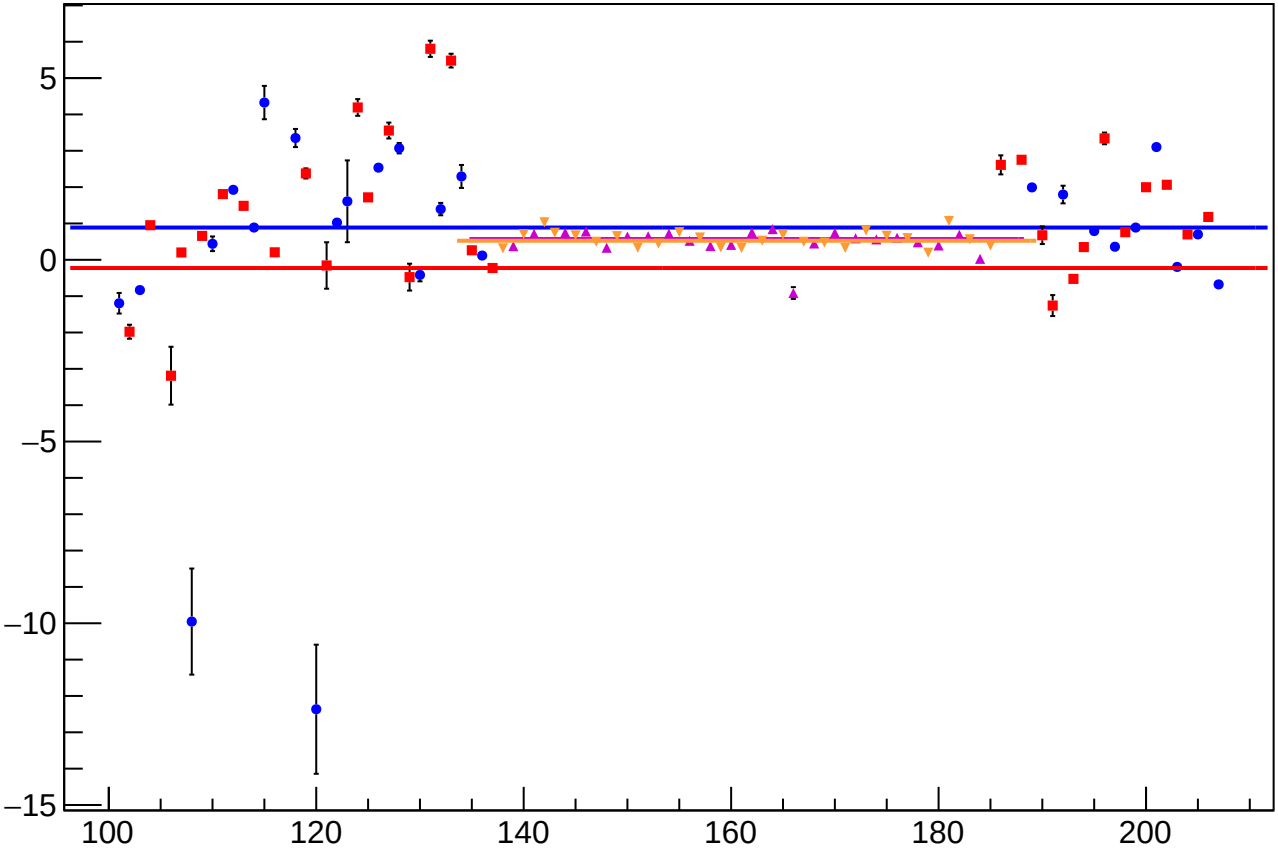
Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

+ sign -124.095+/-0.000 χ^2/NDF: 399591.8/50

All: -124.095+/-0.000 χ^2/NDF: 2847021.8/10

- sign -261.794+/-0.093 χ^2/NDF: 259558.5/52

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 10427.4/25

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 8794.4/29

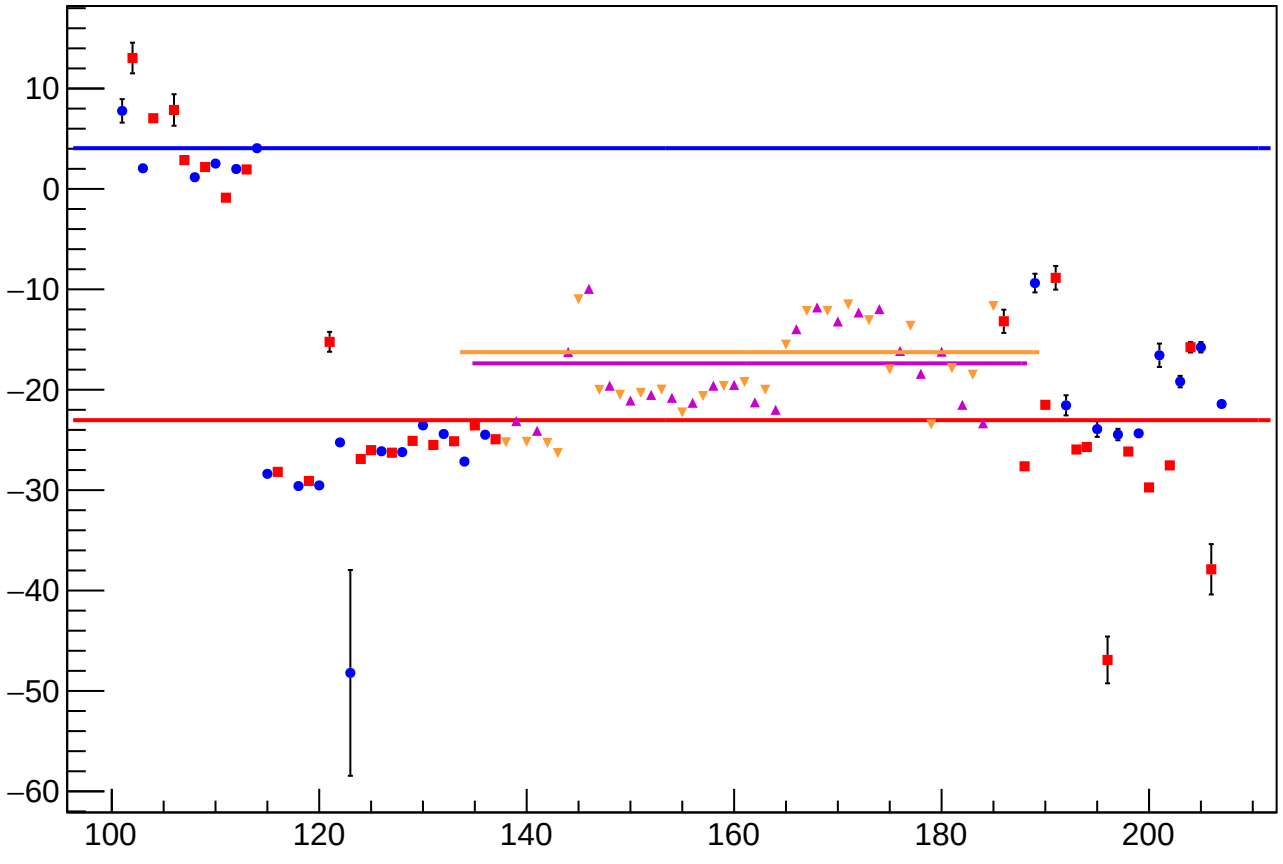
Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

+ sign 0.888+/-0.000 χ^2/NDF: 51974.7/50

All: 0.888+/-0.000 χ^2/NDF: 422296735.0/103

- sign -0.225+/-0.000 χ^2/NDF: 176287.5/52

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1266043.2/25

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -23.031+/-0.026 χ^2/NDF: 117643.3/29

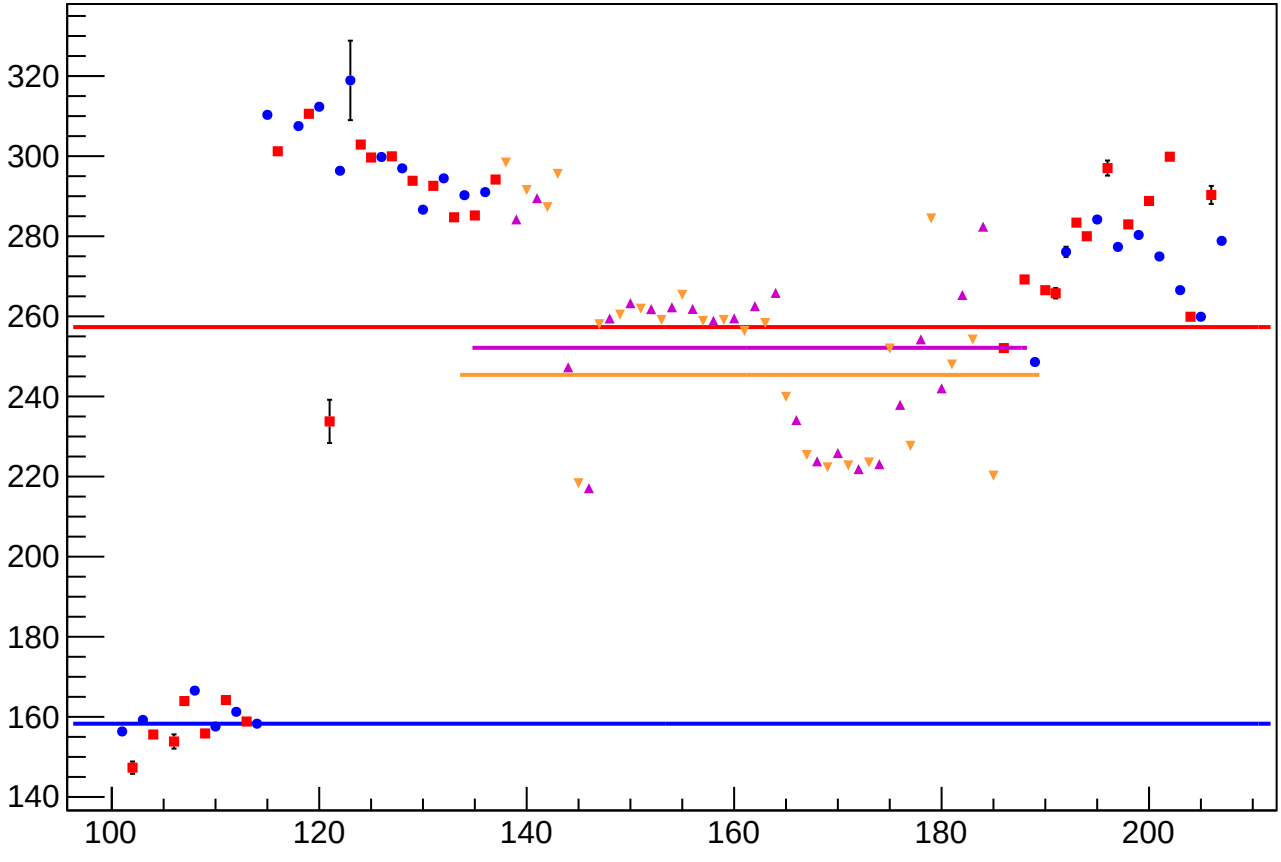
Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

+ sign 4.057+/-0.000 χ^2/NDF: 5570453.2/50

All: 4.057+/-0.000 χ^2/NDF: 12188724.4/103

- sign -18.032+/-0.009 χ^2/NDF: 329558.5/52

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2824752.4/25

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 257.328+/-0.060 χ^2/NDF: 976558.4/29

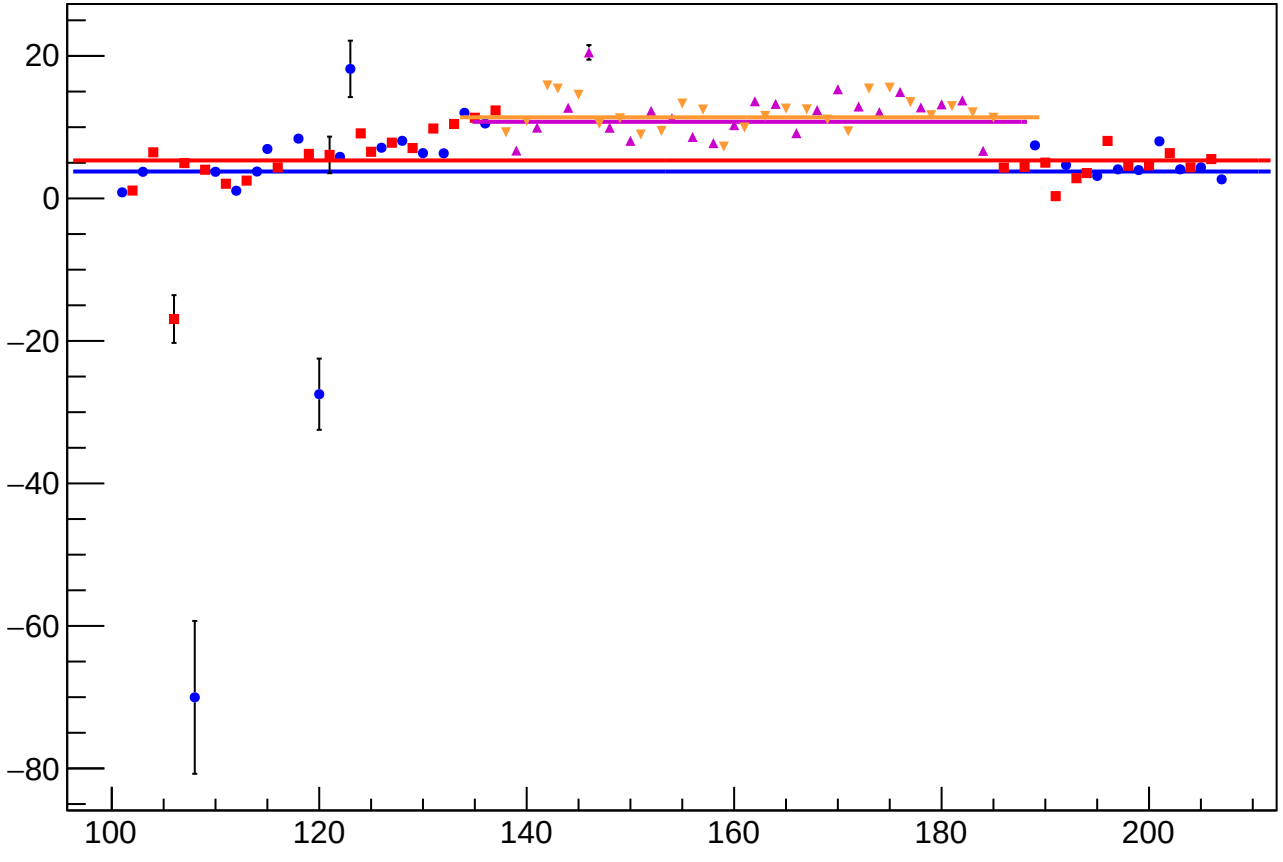
Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF: 13678917.1/50

All: 158.293+/-0.000 χ^2/NDF: 28699105.5/10

- sign 253.092+/-0.026 χ^2/NDF: 1342060.6/52

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 8058.7/25

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.334+/-0.020 χ^2/NDF: 20458.6/29

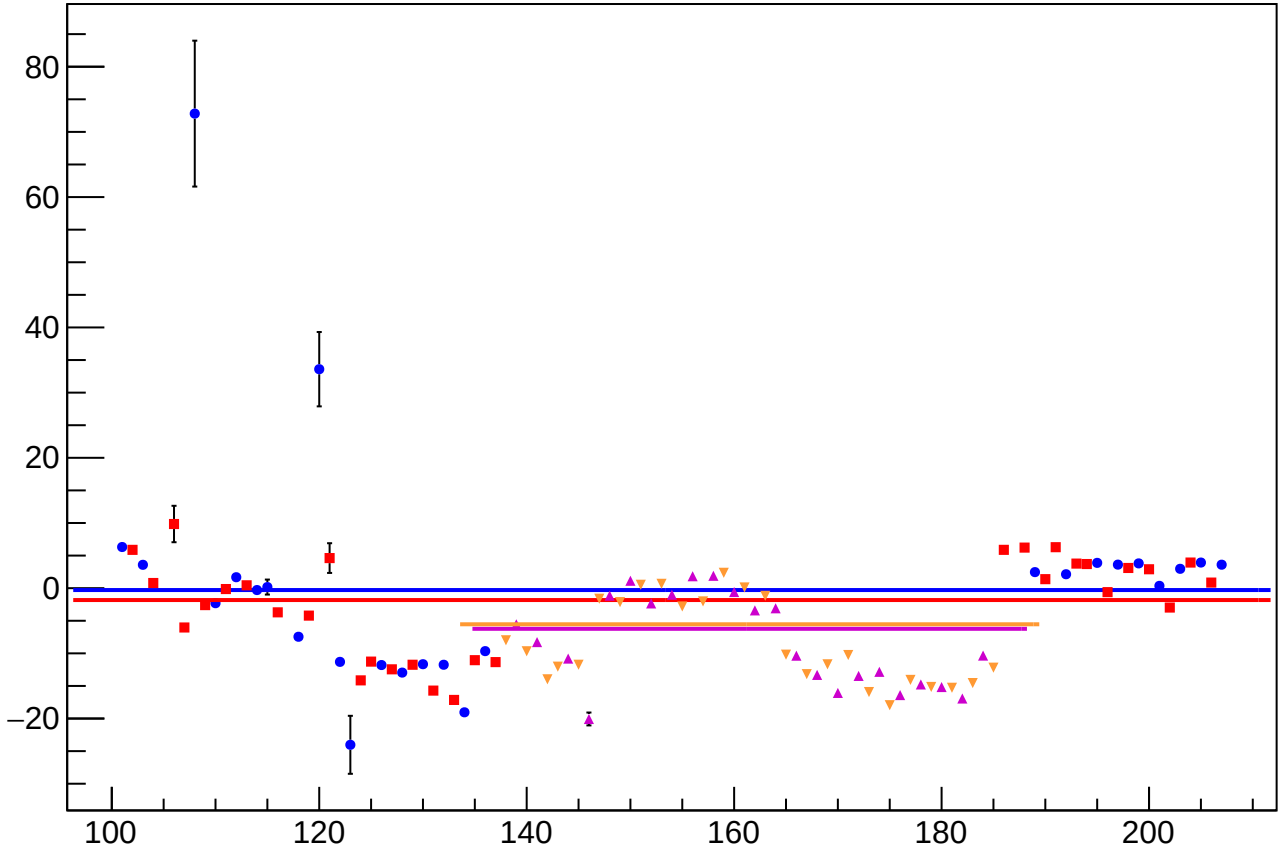
Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

+ sign 3.778+/-0.000 χ^2/NDF: 76350.9/50

All: 3.778+/-0.000 χ^2/NDF: 176125.5/103

- sign 7.193+/-0.016 χ^2/NDF: 55532.3/52

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 62399.7/25

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -1.821+/-0.020 χ^2/NDF: 116239.9/29

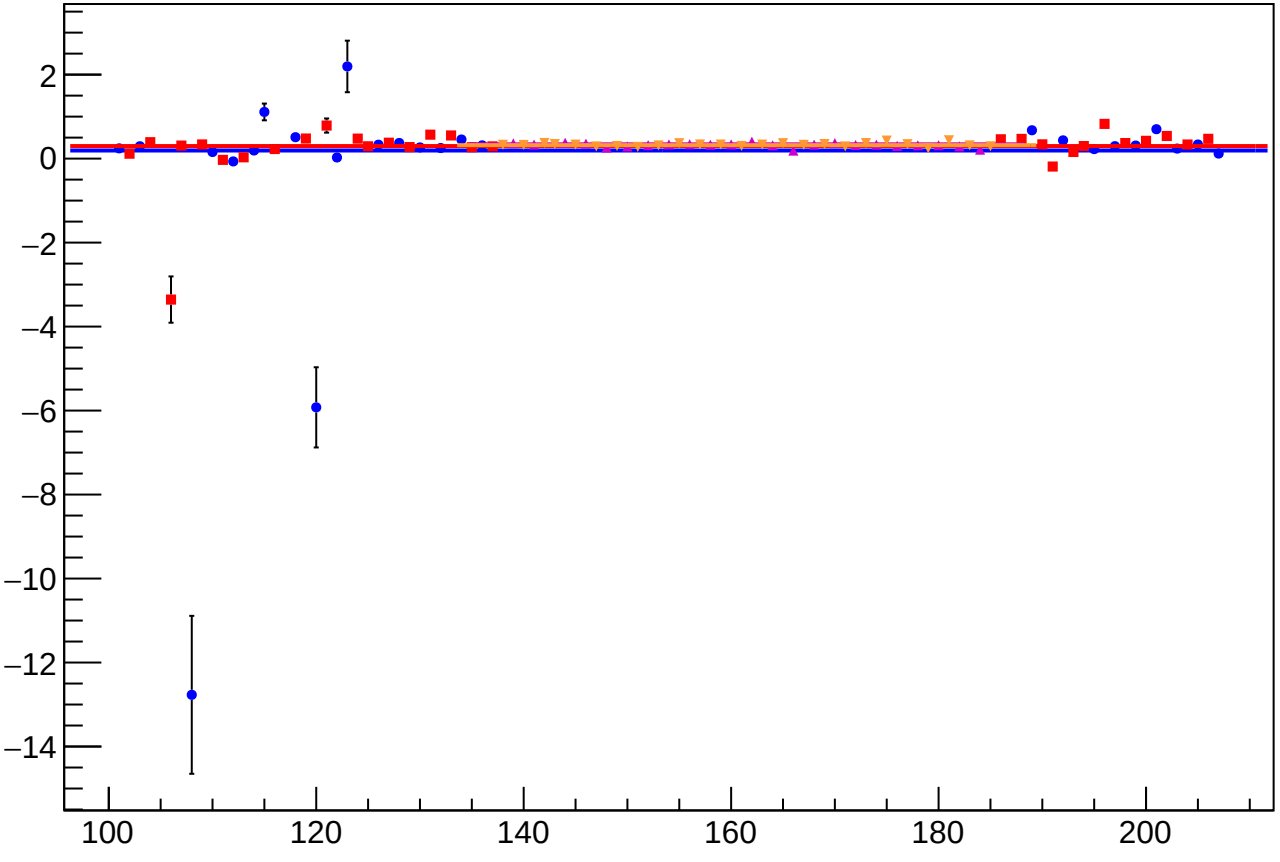
Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

+ sign -0.287+/-0.000 χ^2/NDF: 136282.0/50

All: -0.287+/-0.000 χ^2/NDF: 359934.0/103

- sign -3.328+/-0.017 χ^2/NDF: 189682.6/52

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 11492.8/25

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.299+/-0.001 χ^2/NDF: 8531.5/29

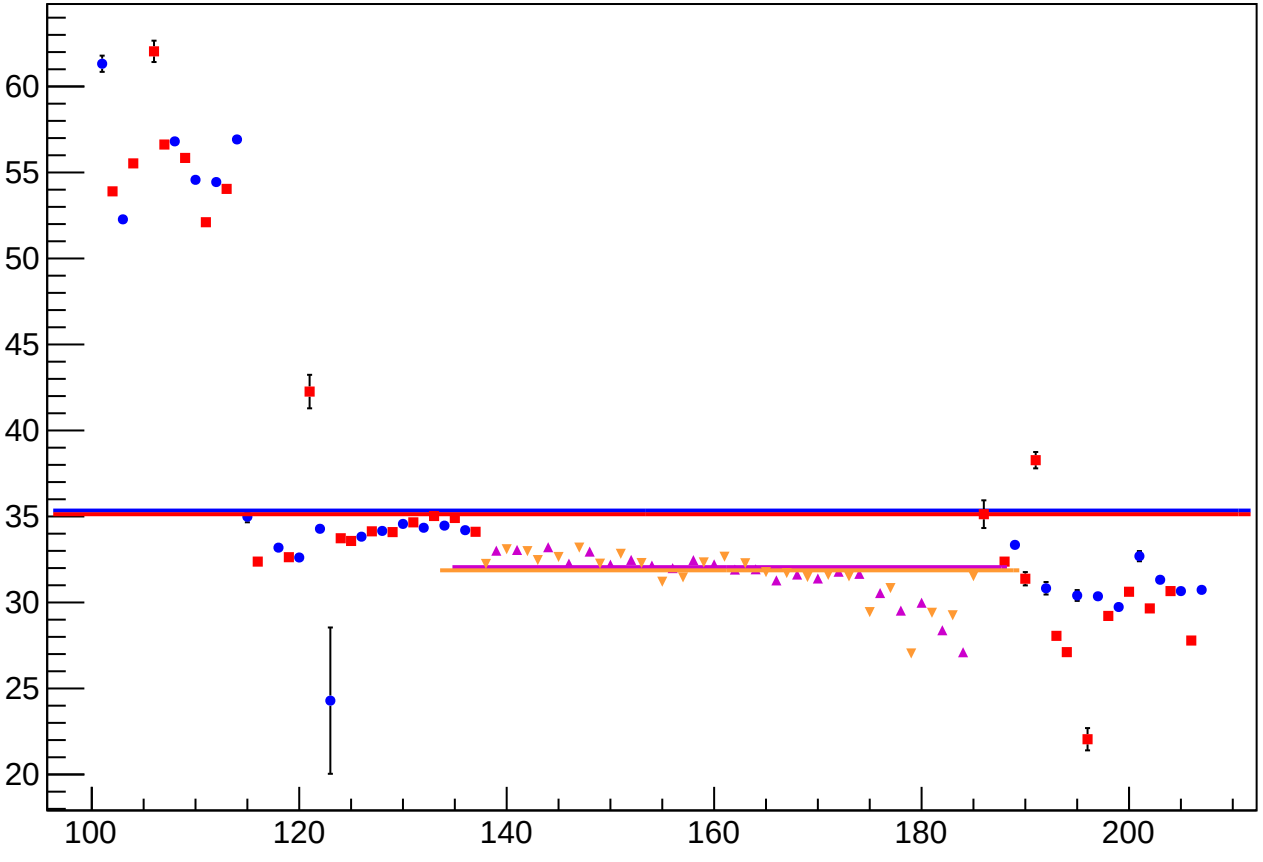
Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

+ sign 0.193+/-0.000 χ^2/NDF: 78083.9/50

All: 0.193+/-0.000 χ^2/NDF: 173411.6/103

- sign 0.335+/-0.000 χ^2/NDF: 13490.0/52

dit_sam5_4aY_slope vs Slug



Right In: 35.343+/-0.011 χ^2/NDF: 231747.1/25

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.130+/-0.010 χ^2/NDF: 284560.0/29

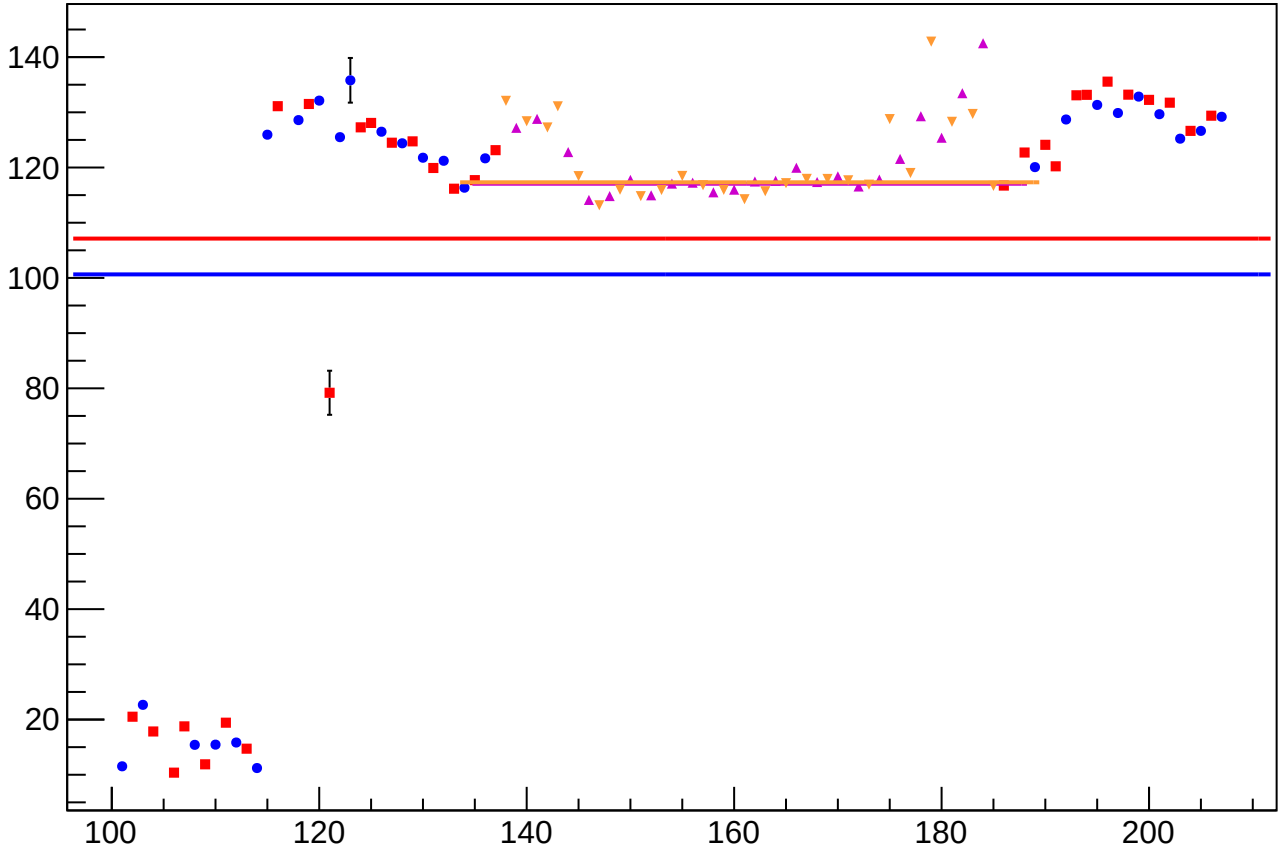
Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

+ sign 32.127+/-0.003 χ^2/NDF: 386053.6/50

All: 32.231+/-0.002 χ^2/NDF: 784931.3/103

- sign 32.354+/-0.003 χ^2/NDF: 396240.8/52

dit_sam5_4eY_slope vs Slug



Right In: 100.640+/-0.026 χ^2/NDF: 3002834.4/25

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 107.128+/-0.024 χ^2/NDF: 3520046.9/29

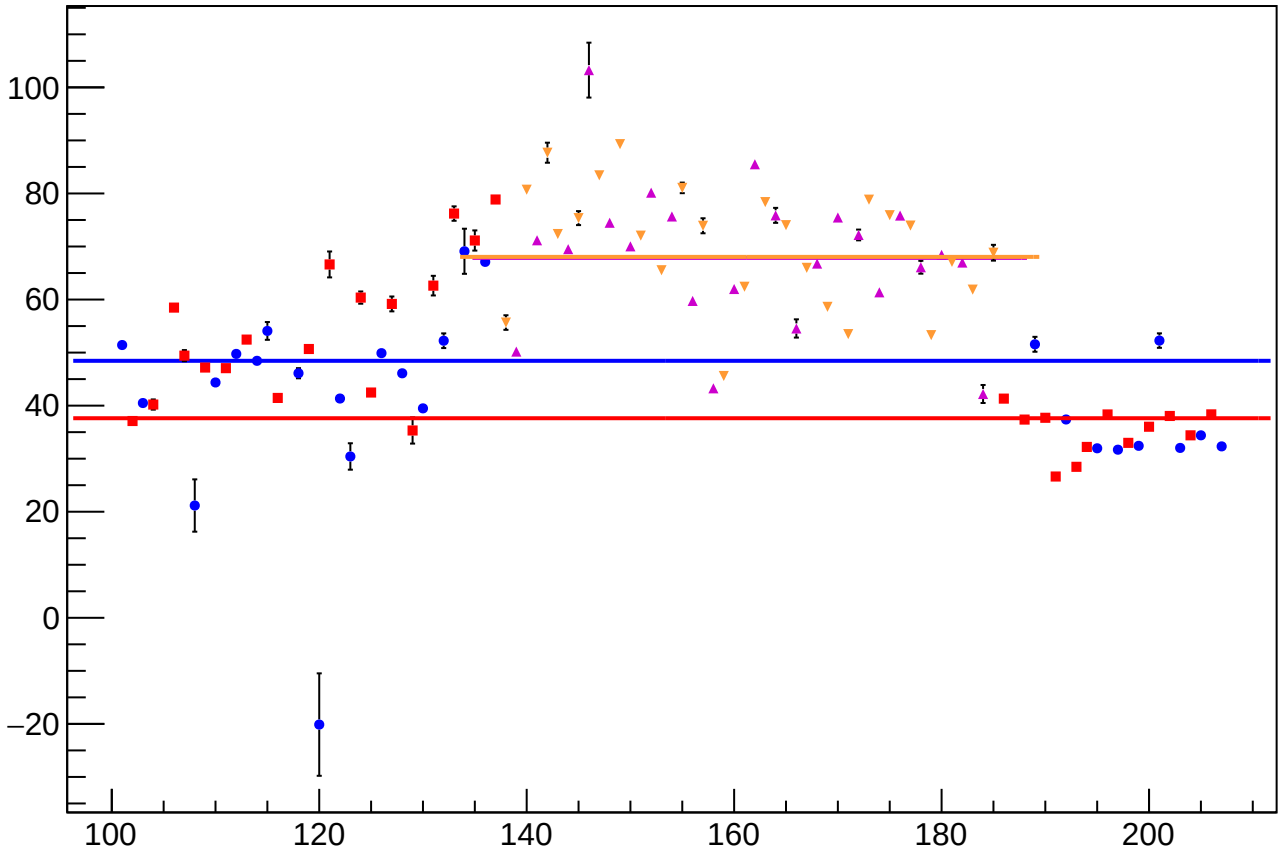
Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

+ sign 115.946+/-0.008 χ^2/NDF: 3548847.8/50

All: 115.897+/-0.006 χ^2/NDF: 7288492.6/103

- sign 115.837+/-0.008 χ^2/NDF: 3739549.5/52

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 28259.3/25

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 37.626+/-0.073 χ^2/NDF: 14058.1/29

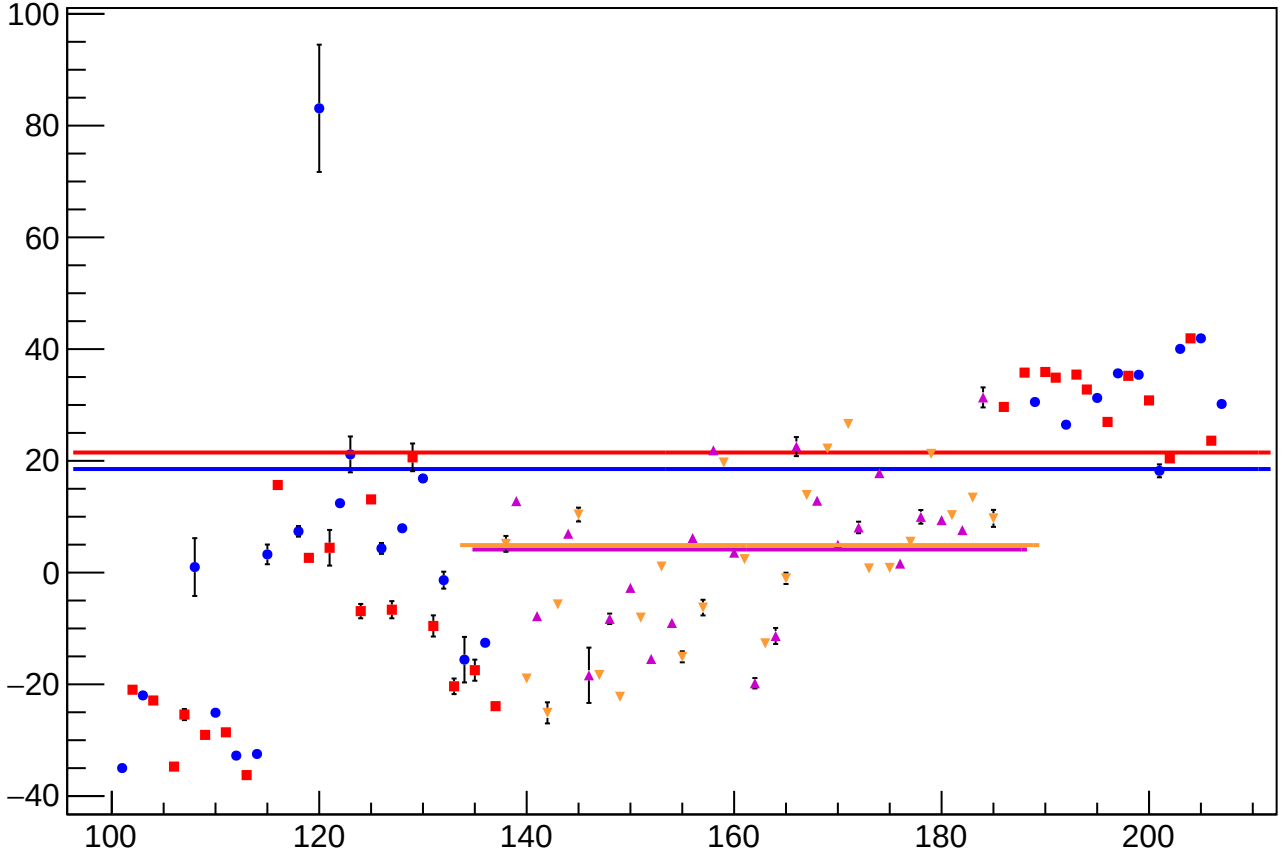
Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF: 56881.1/50

All: 48.450+/-0.000 χ^2/NDF: 122227.7/103

- sign 45.275+/-0.063 χ^2/NDF: 62822.9/52

dit_sam6_4eX_slope vs Slug



Right In: 18.535+/-0.078 χ^2/NDF: 100721.8/25

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 21.492+/-0.067 χ^2/NDF: 107888.3/29

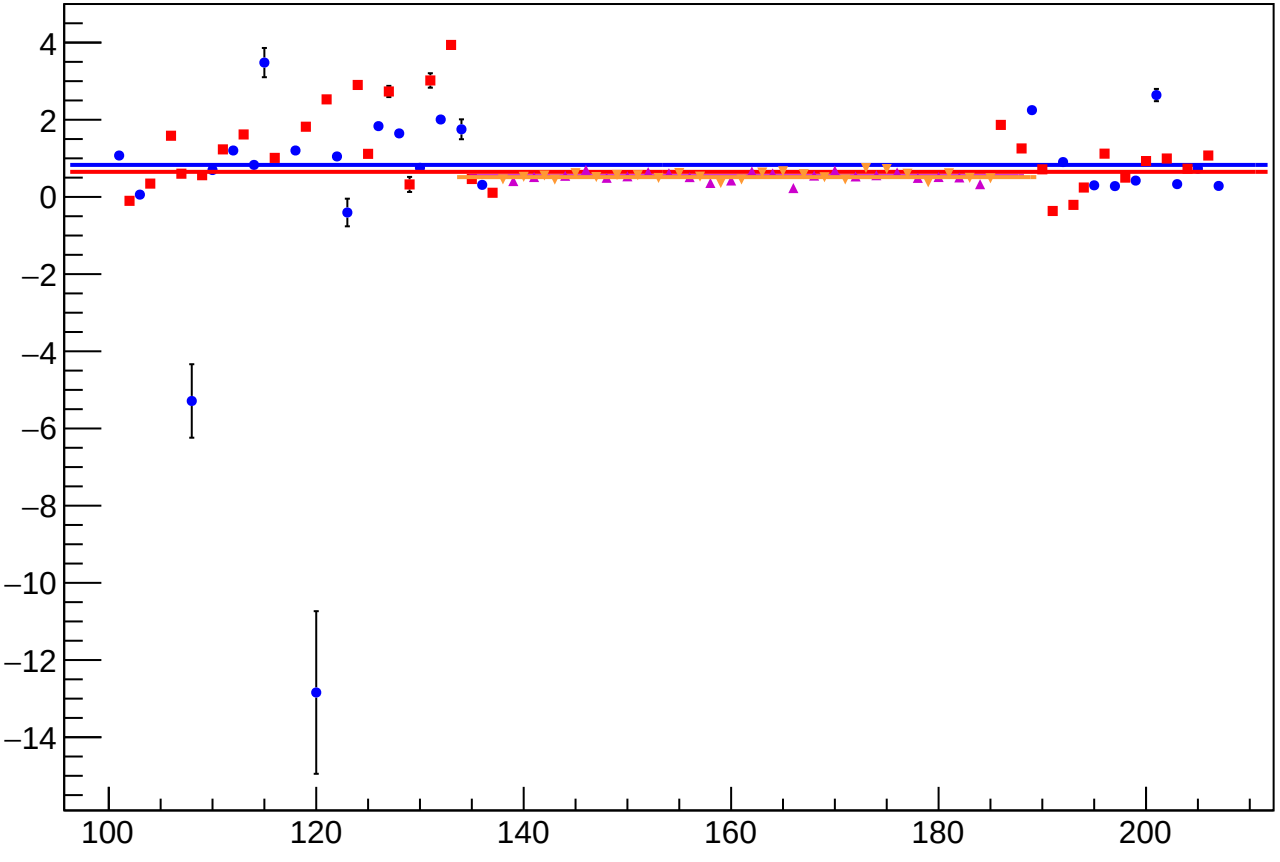
Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

+ sign 15.045+/-0.067 χ^2/NDF: 118987.0/50

All: 16.547+/-0.044 χ^2/NDF: 248584.1/103

- sign 17.720+/-0.059 χ^2/NDF: 128700.3/52

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 16880.2/25

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.650+/-0.005 χ^2/NDF: 9578.9/29

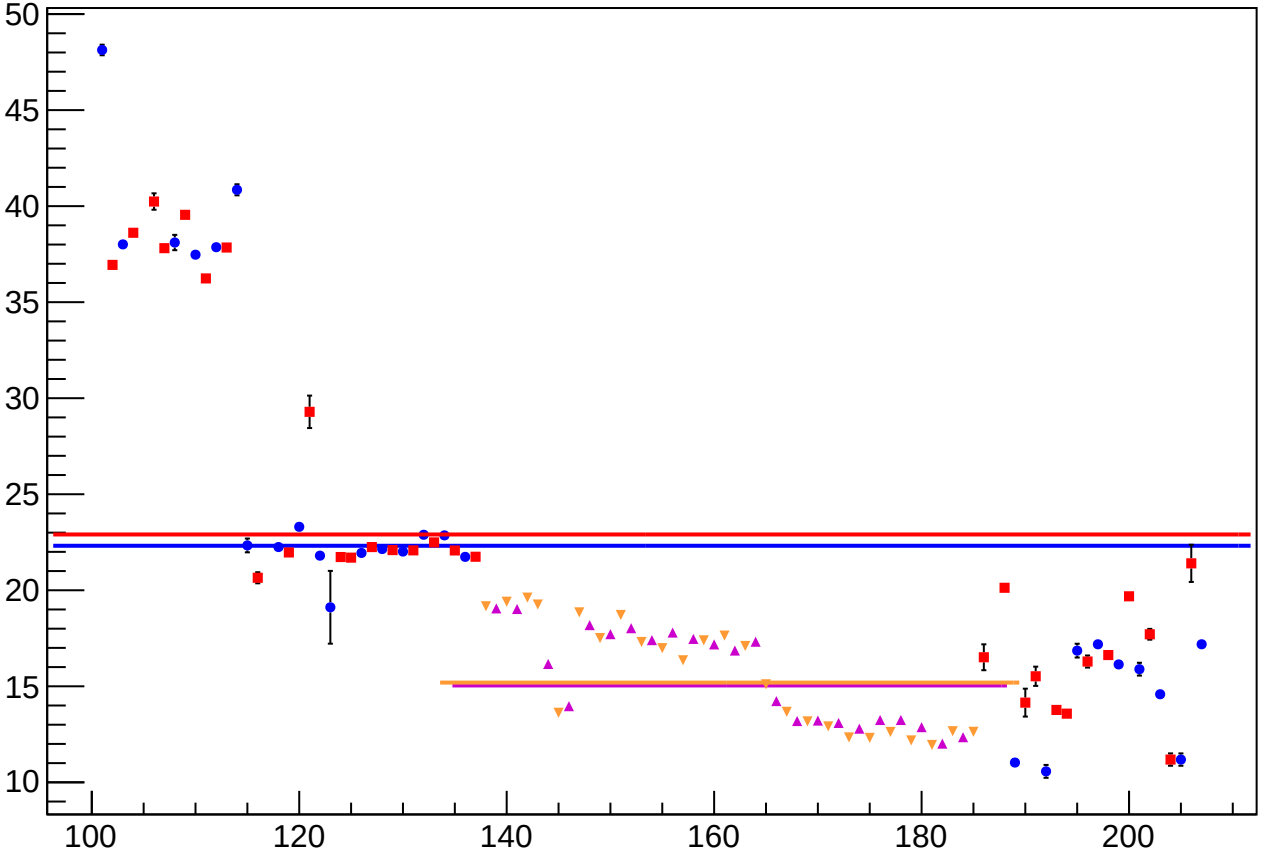
Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

+ sign 0.830+/-0.000 χ^2/NDF: 140292.1/50

All: 0.830+/-0.000 χ^2/NDF: 278001.6/103

- sign 0.539+/-0.001 χ^2/NDF: 21786.2/52

dit_sam6_4aY_slope vs Slug



Right In: 22.317+/-0.009 χ^2/NDF: 132139.3/25

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.905+/-0.009 χ^2/NDF: 173358.3/29

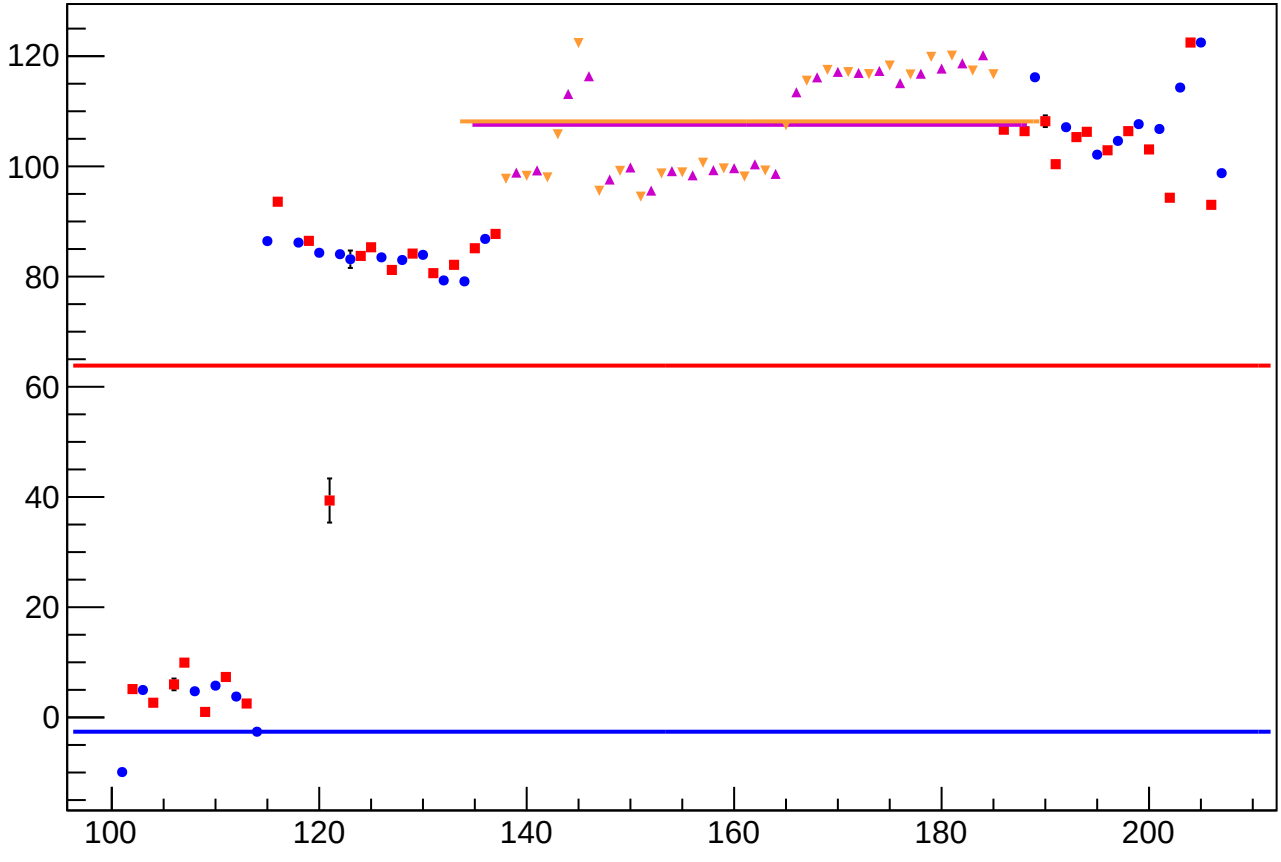
Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

+ sign 16.456+/-0.004 χ^2/NDF: 1042667.6/50

All: 16.565+/-0.003 χ^2/NDF: 2109340.4/103

- sign 16.688+/-0.004 χ^2/NDF: 1064973.3/52

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 9190112.0/25

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 63.846+/-0.030 χ^2/NDF: 1768906.6/29

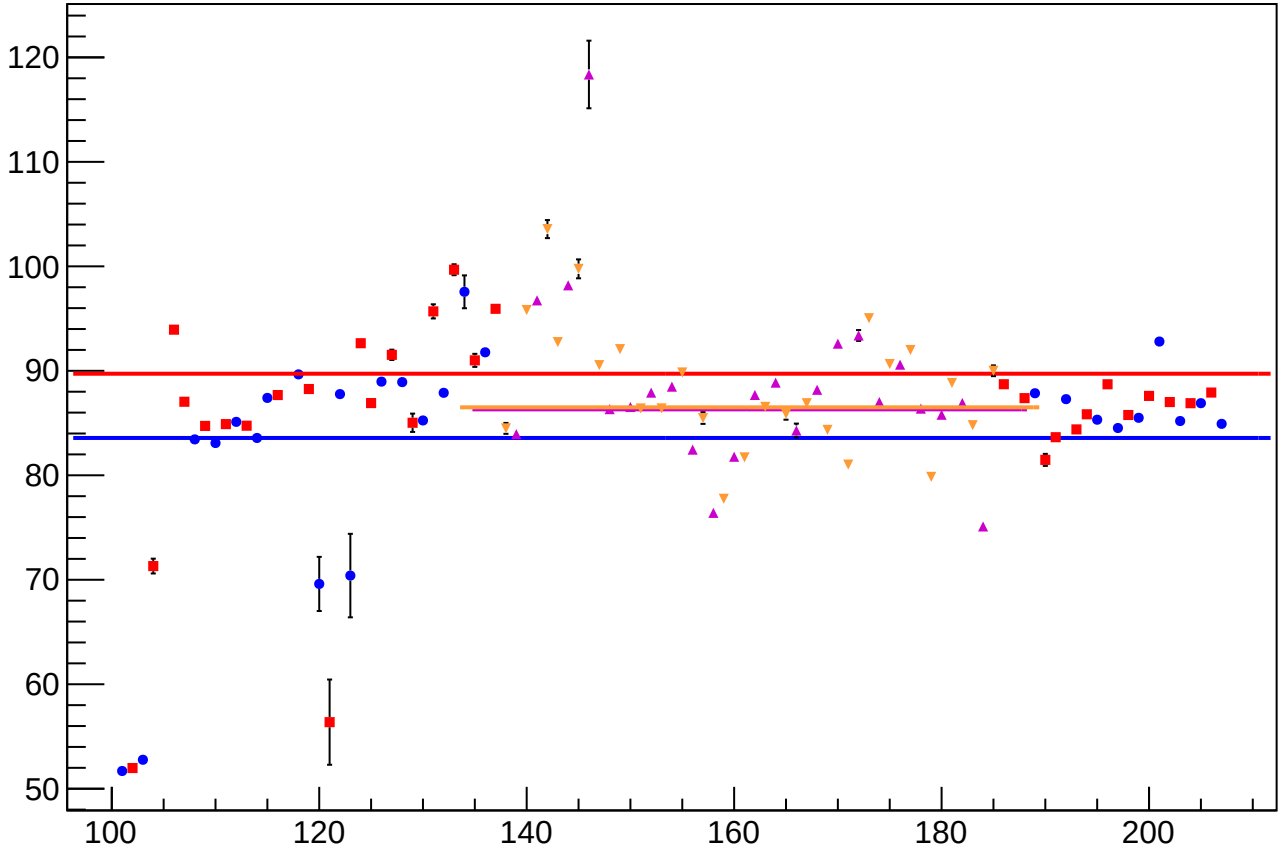
Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF: 151978094.3/50

All: -2.596+/-0.000 χ^2/NDF: 299240481.9/10

- sign 103.671+/-0.009 χ^2/NDF: 4704244.9/52

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 51846.3/25

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 89.723+/-0.020 χ^2/NDF: 78715.0/29

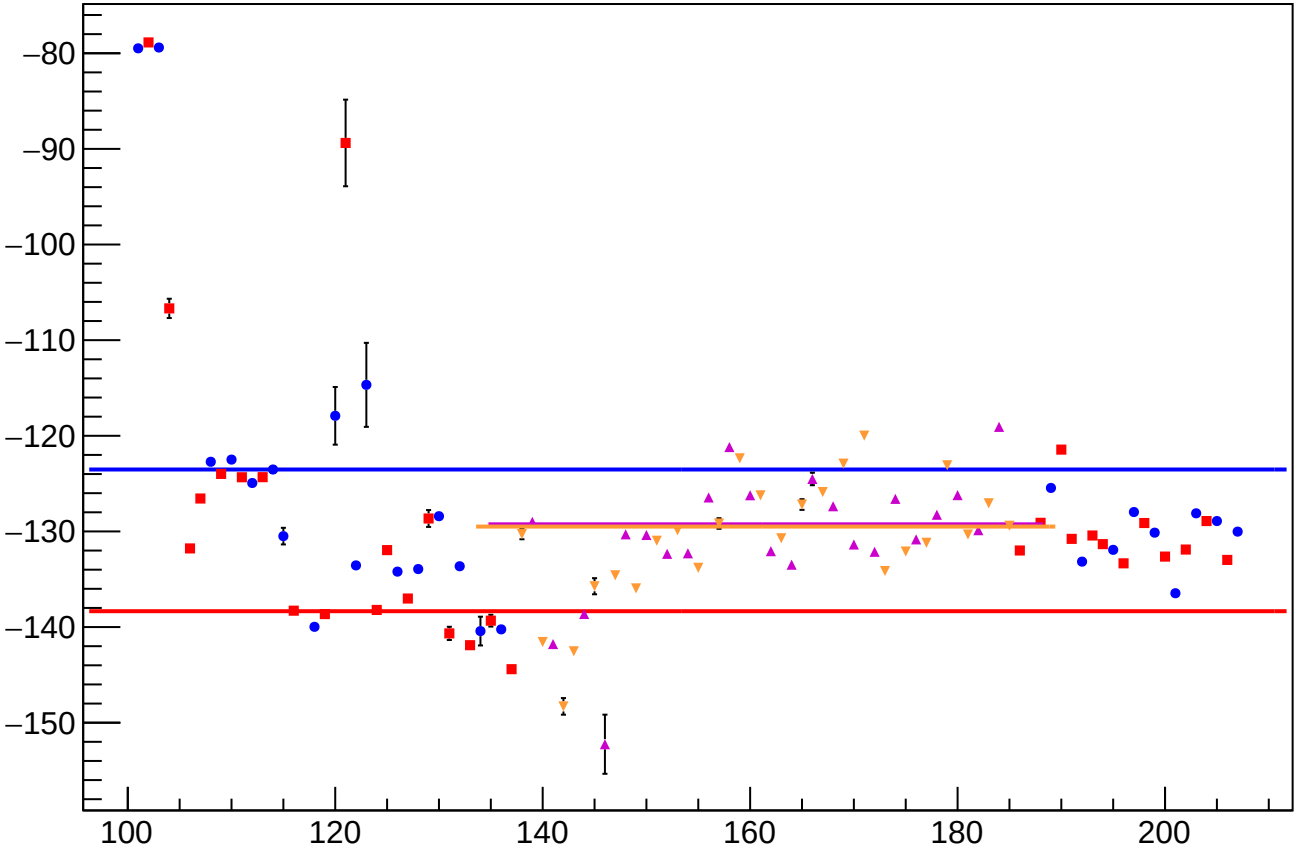
Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF: 62793.5/50

All: 83.573+/-0.000 χ^2/NDF: 249564.6/103

- sign 89.282+/-0.018 χ^2/NDF: 91216.7/52

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 193306.6/25

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.341+/-0.016 χ^2/NDF: 307782.6/29

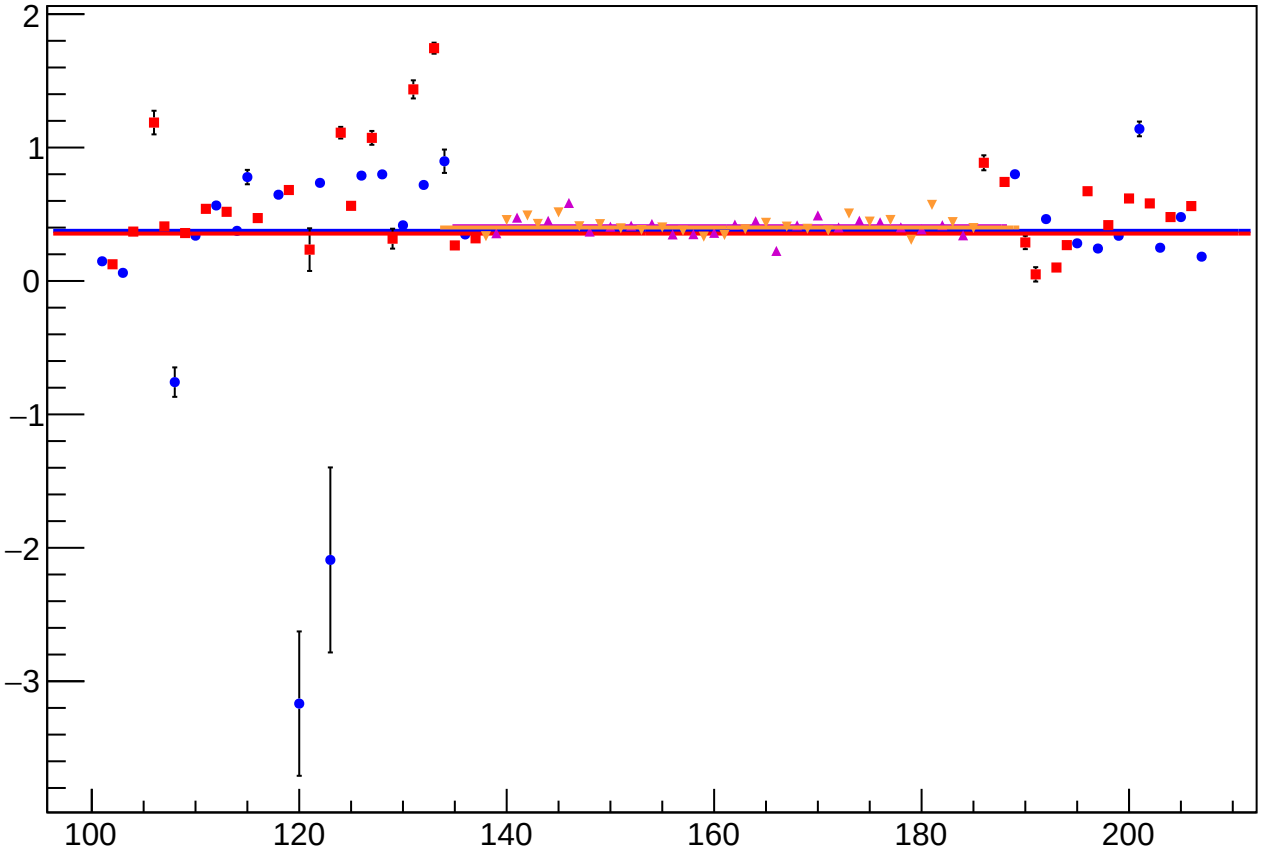
Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF: 214241.7/50

All: -123.524+/-0.000 χ^2/NDF: 1403728.1/10

- sign -137.547+/-0.015 χ^2/NDF: 342689.4/52

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 4957.3/25

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.355+/-0.001 χ^2/NDF: 7183.2/29

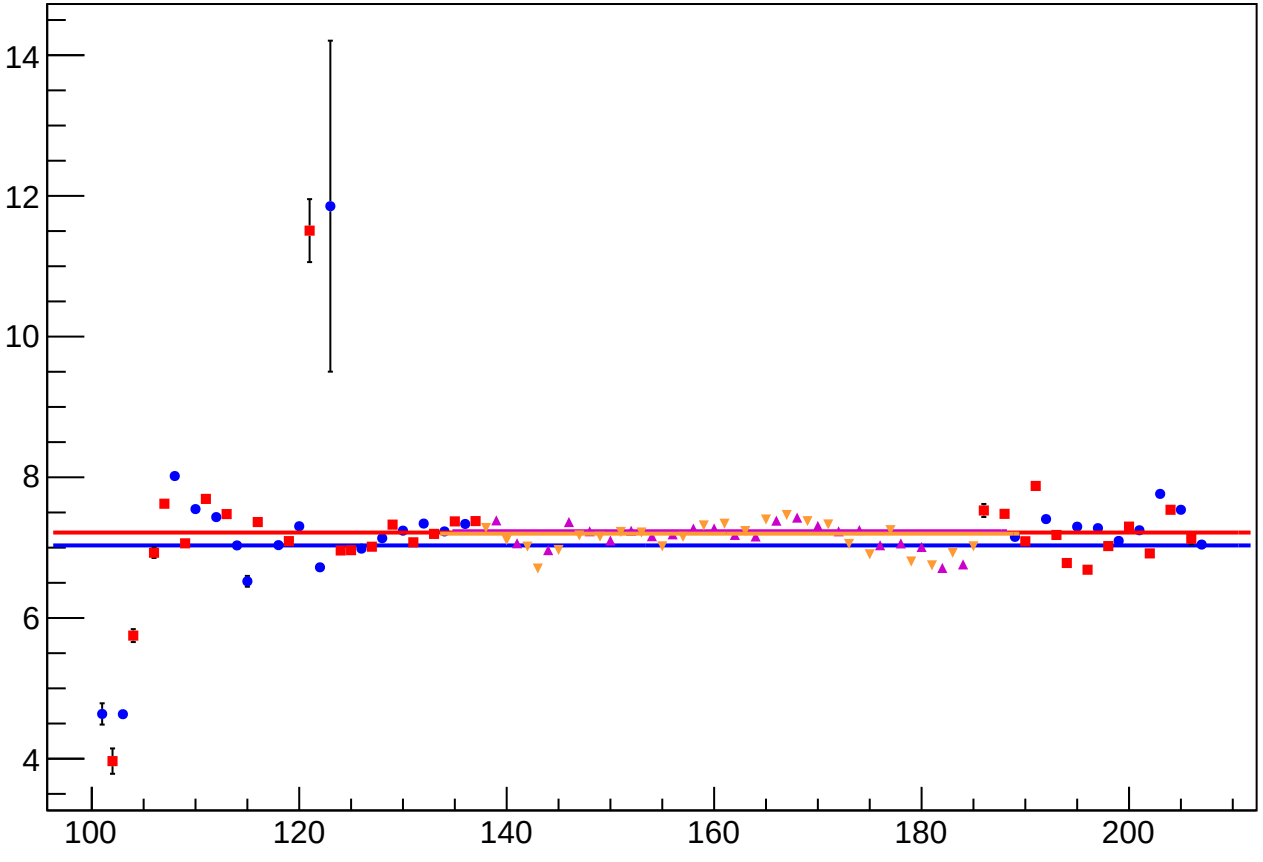
Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

+ sign 0.376+/-0.000 χ^2/NDF: 16497.7/50

All: 0.376+/-0.000 χ^2/NDF: 38260.4/103

- sign 0.405+/-0.000 χ^2/NDF: 17019.4/52

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 22309.1/25

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.215+/-0.002 χ^2/NDF: 11234.7/29

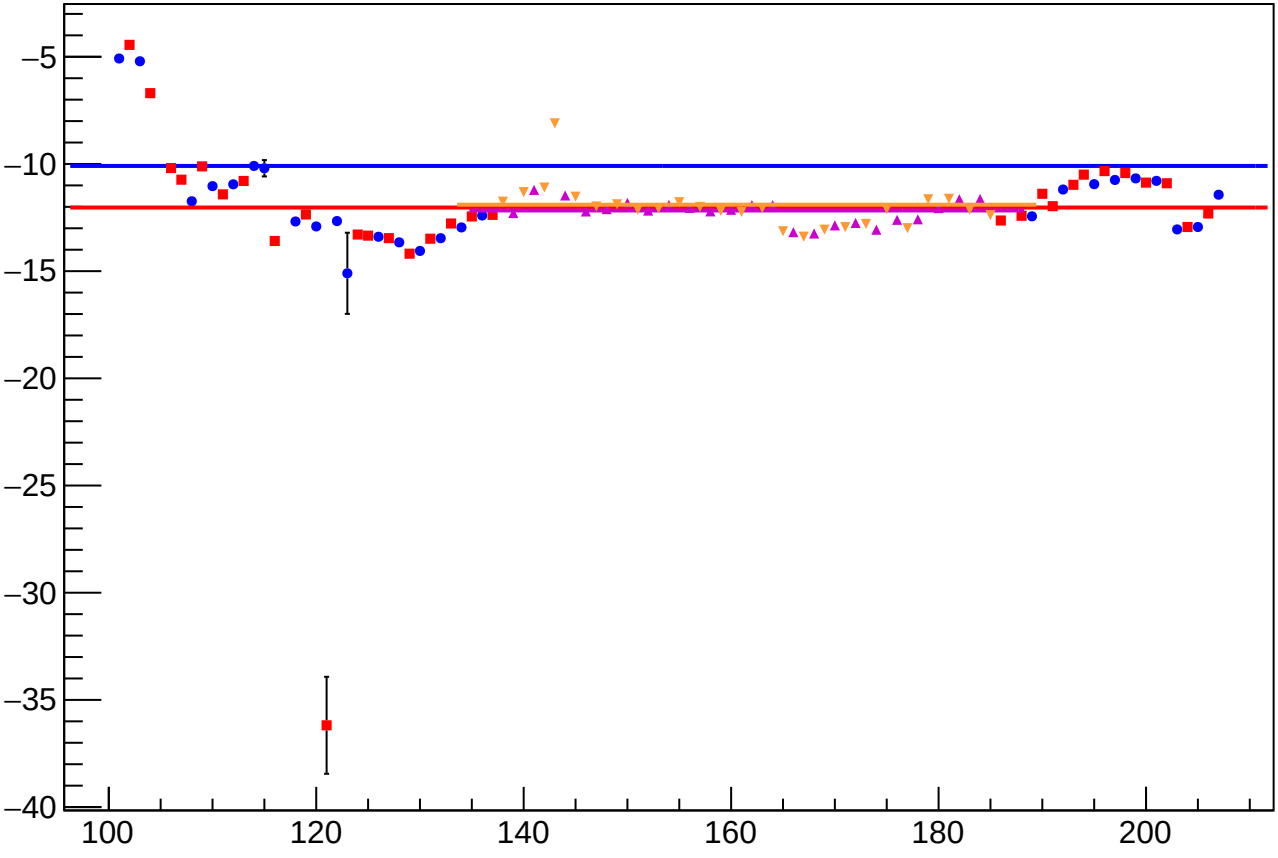
Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

+ sign 7.032+/-0.000 χ^2/NDF: 94113.9/50

All: 7.032+/-0.000 χ^2/NDF: 194097.4/103

- sign 7.231+/-0.001 χ^2/NDF: 34380.8/52

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 584884.8/25

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.032+/-0.003 χ^2/NDF: 168665.1/29

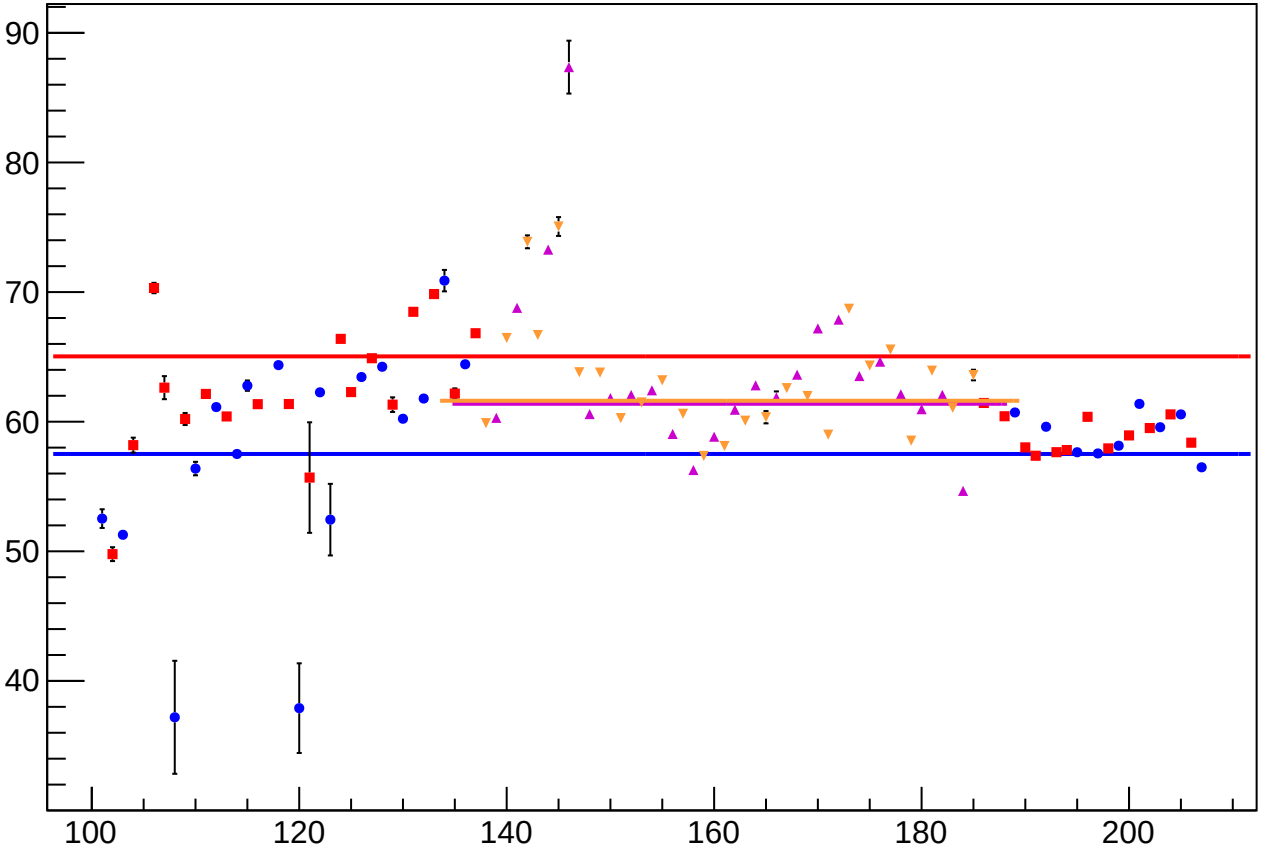
Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

+ sign -10.092+/-0.000 χ^2/NDF: 2226848.4/50

All: -10.092+/-0.000 χ^2/NDF: 4319261.9/103

- sign -12.137+/-0.001 χ^2/NDF: 219733.4/52

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 11448.8/25

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.038+/-0.012 χ^2/NDF: 83865.8/29

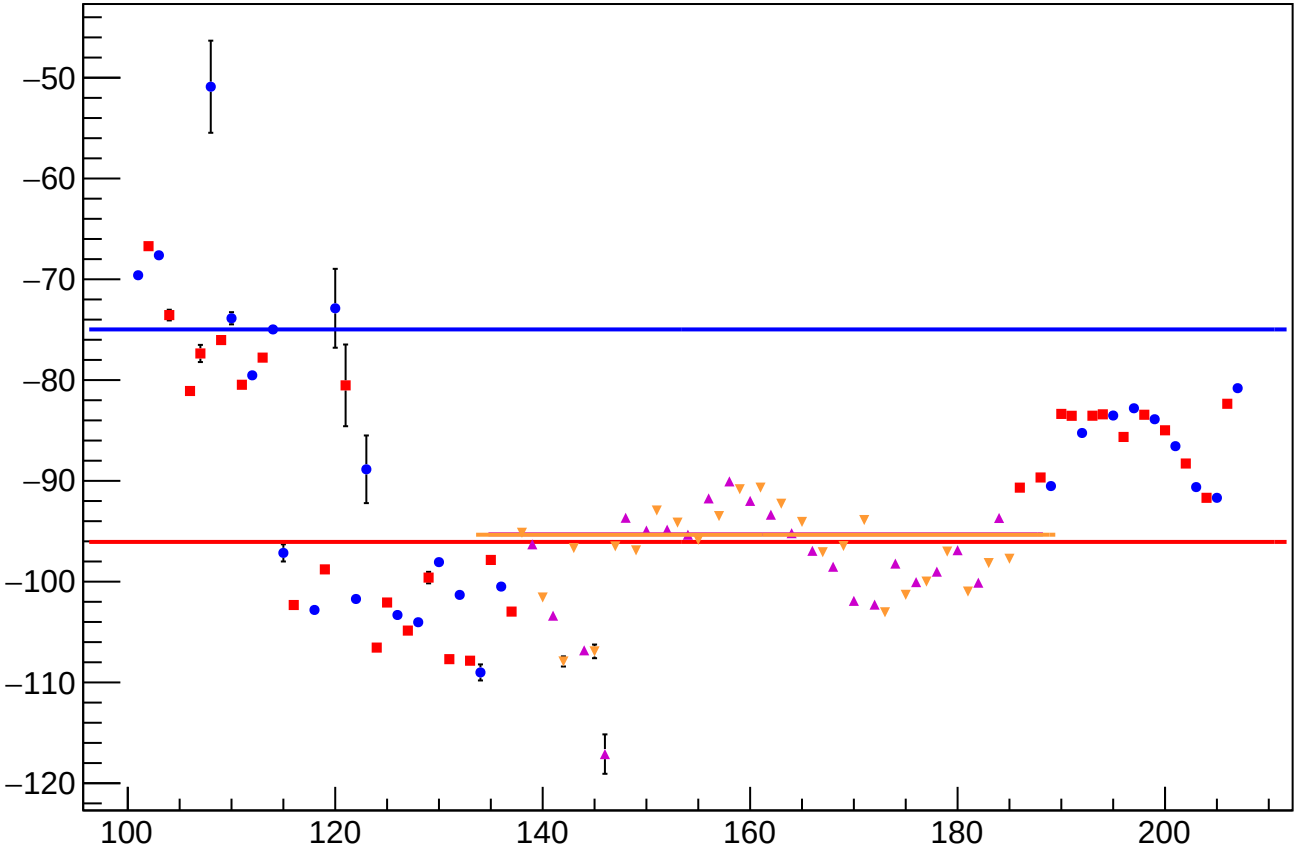
Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

+ sign 57.510+/-0.000 χ^2/NDF: 30346.6/50

All: 57.510+/-0.000 χ^2/NDF: 552879.5/103

- sign 64.622+/-0.011 χ^2/NDF: 103933.5/52

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 282175.8/25

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -96.058+/-0.014 χ^2/NDF: 405364.7/29

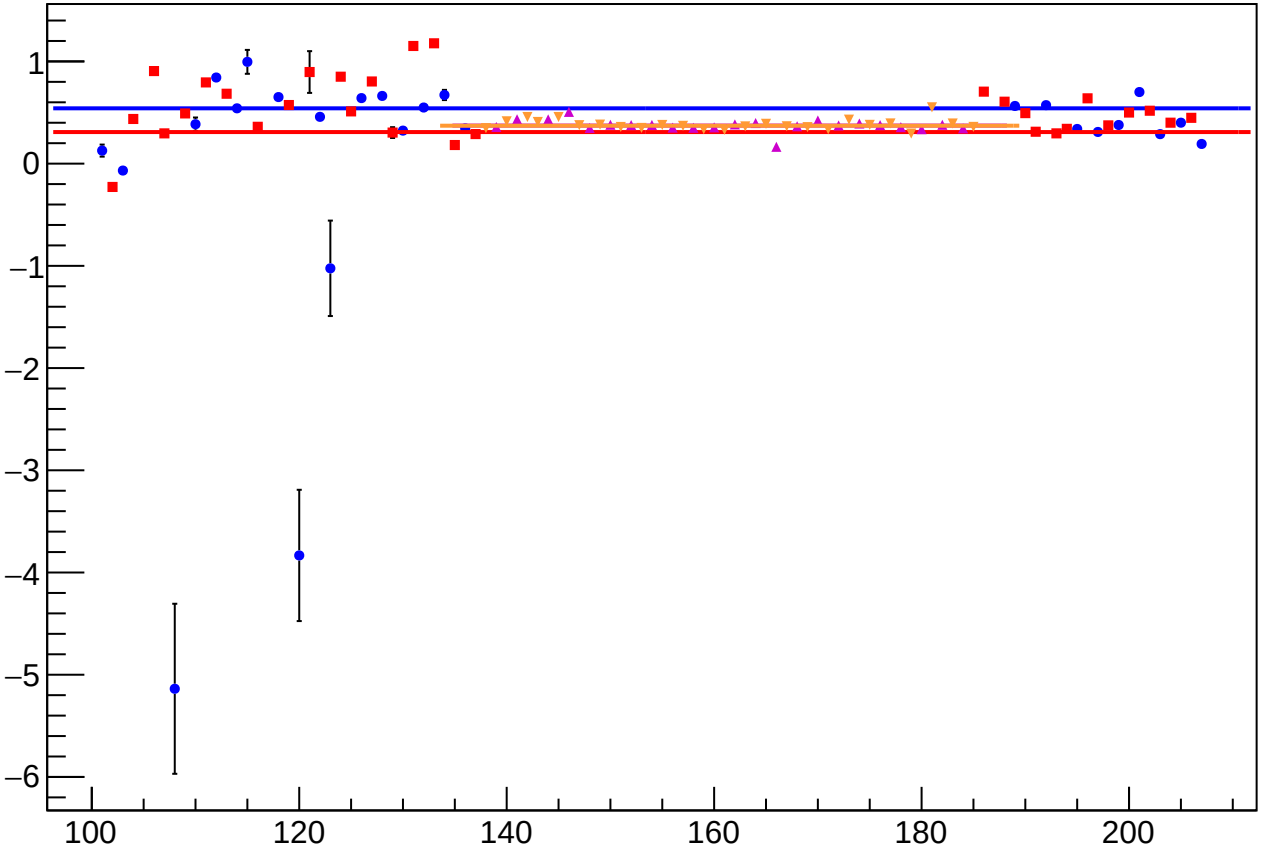
Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

+ sign -74.974+/-0.000 χ^2/NDF: 568524.5/50

All: -74.974+/-0.000 χ^2/NDF: 3587606.8/103

- sign -95.942+/-0.013 χ^2/NDF: 417075.6/52

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 34784.2/25

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.309+/-0.001 χ^2/NDF: 12706.2/29

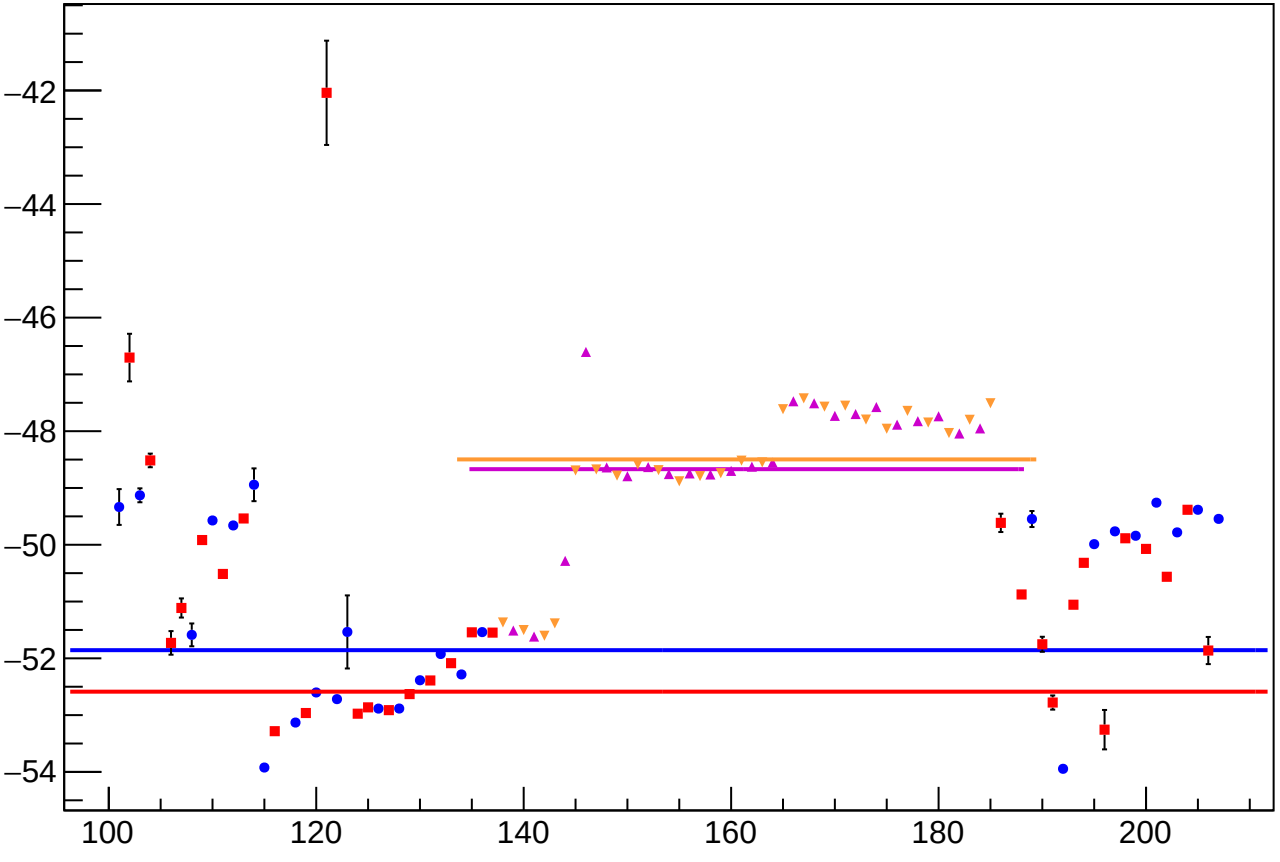
Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF: 252895.4/50

All: 0.541+/-0.000 χ^2/NDF: 657826.8/103

- sign 0.364+/-0.000 χ^2/NDF: 24361.6/52

dit_sam8_4aY_slope vs Slug



Right In: -51.856+/-0.002 χ^2/NDF: 93108.7/25

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.587+/-0.003 χ^2/NDF: 93680.5/29

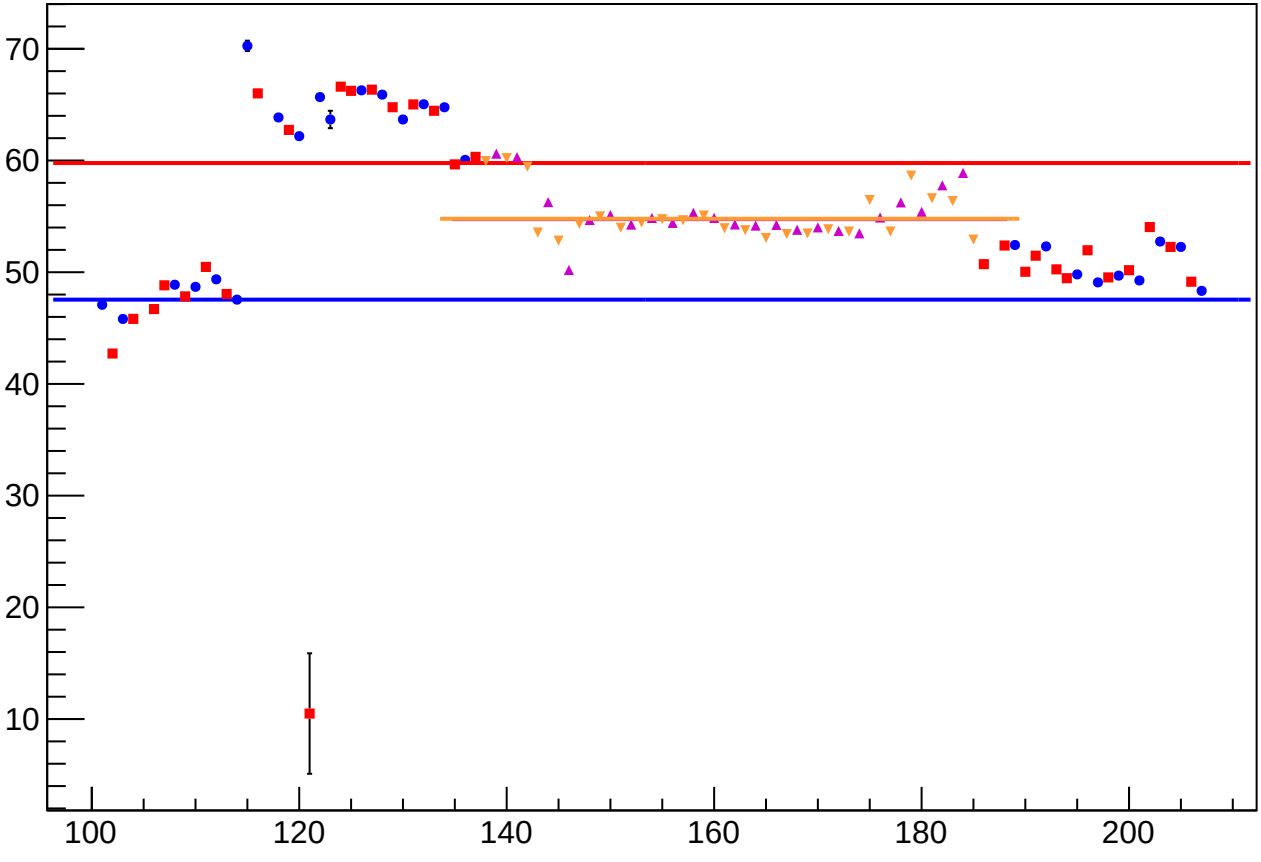
Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

+ sign -49.130+/-0.001 χ^2/NDF: 2666548.4/50

All: -49.140+/-0.001 χ^2/NDF: 5710702.8/103

- sign -49.148+/-0.001 χ^2/NDF: 3043974.6/52

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3623811.3/25

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 59.775+/-0.006 χ^2/NDF: 1106380.7/29

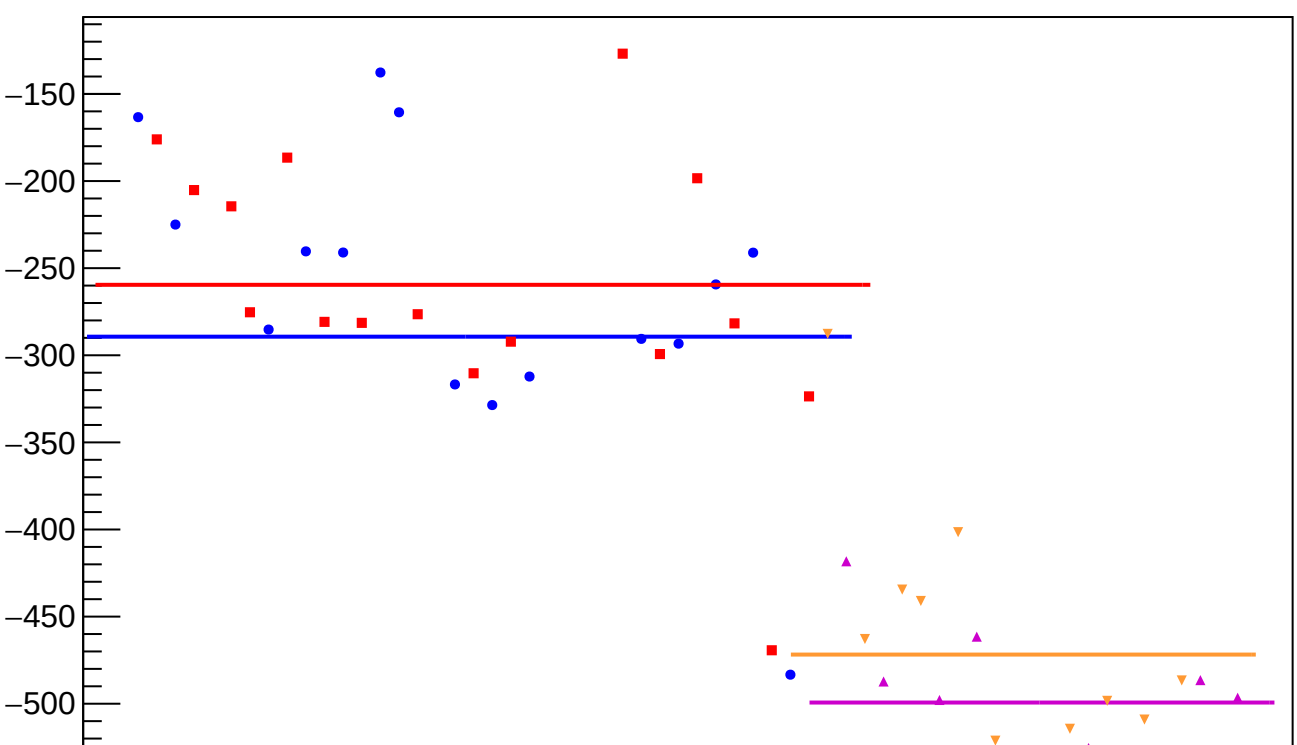
Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

+ sign 47.545+/-0.000 χ^2/NDF: 9972662.1/50

All: 47.545+/-0.000 χ^2/NDF: 22443302.5/103

- sign 55.462+/-0.002 χ^2/NDF: 1729507.8/52

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

+ sign -396.025+/-0.000 χ^2/NDF: 22413307403279

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

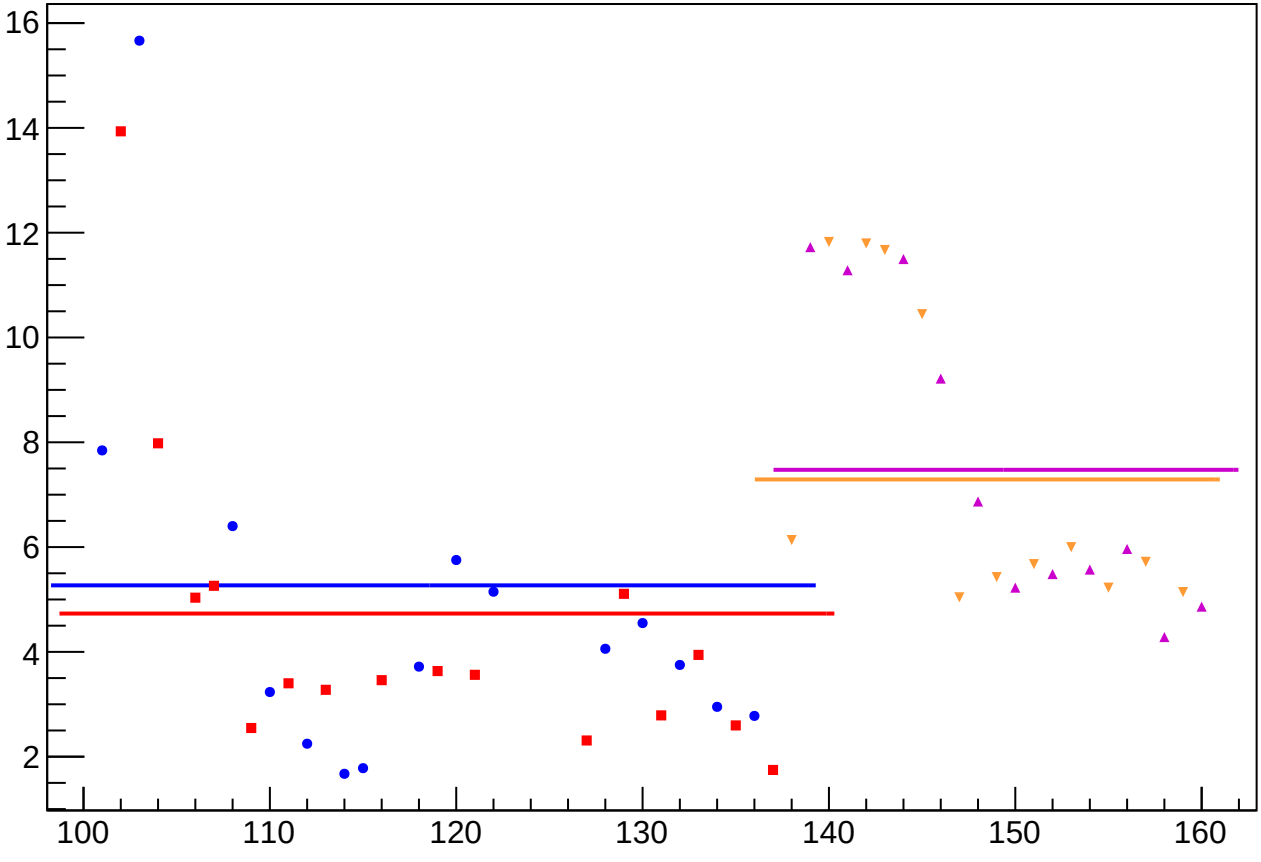
All: -397.428+/-0.000 χ^2/NDF: 50007078016

Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

- sign -398.805+/-0.000 χ^2/NDF: 27587676580489 4

Left In: -499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655 11424.0/10

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF:671805351517286388583643235116646 4.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

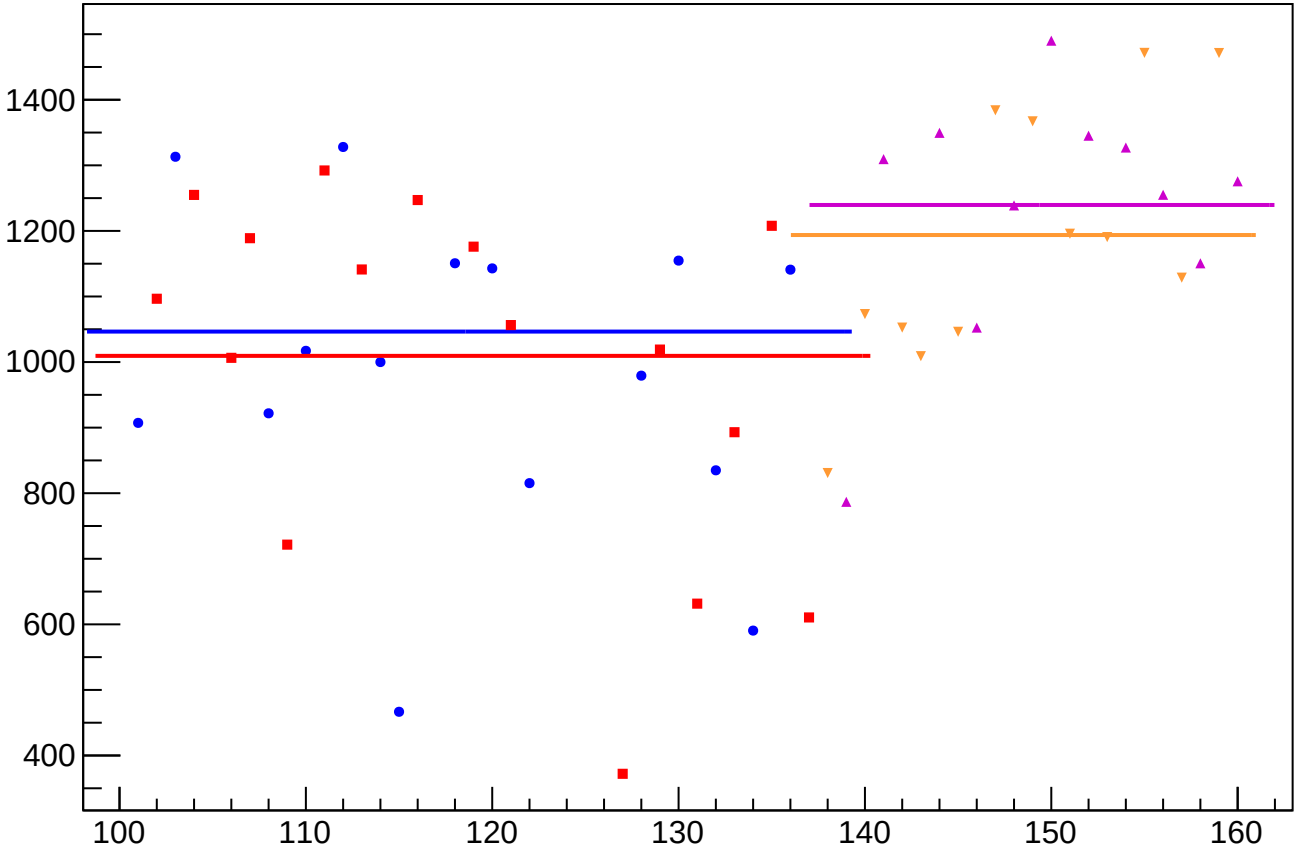
Left In: 7.475+/-0.000 χ^2/NDF:705781213939957953887024455037747 2.0/10

+ sign 6.452+/-0.000 χ^2/NDF: 1697855997373560 0

All: 6.388+/-0.000 χ^2/NDF: 3382091542103 2

- sign 6.325+/-0.000 χ^2/NDF: 1682963630535428 1

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

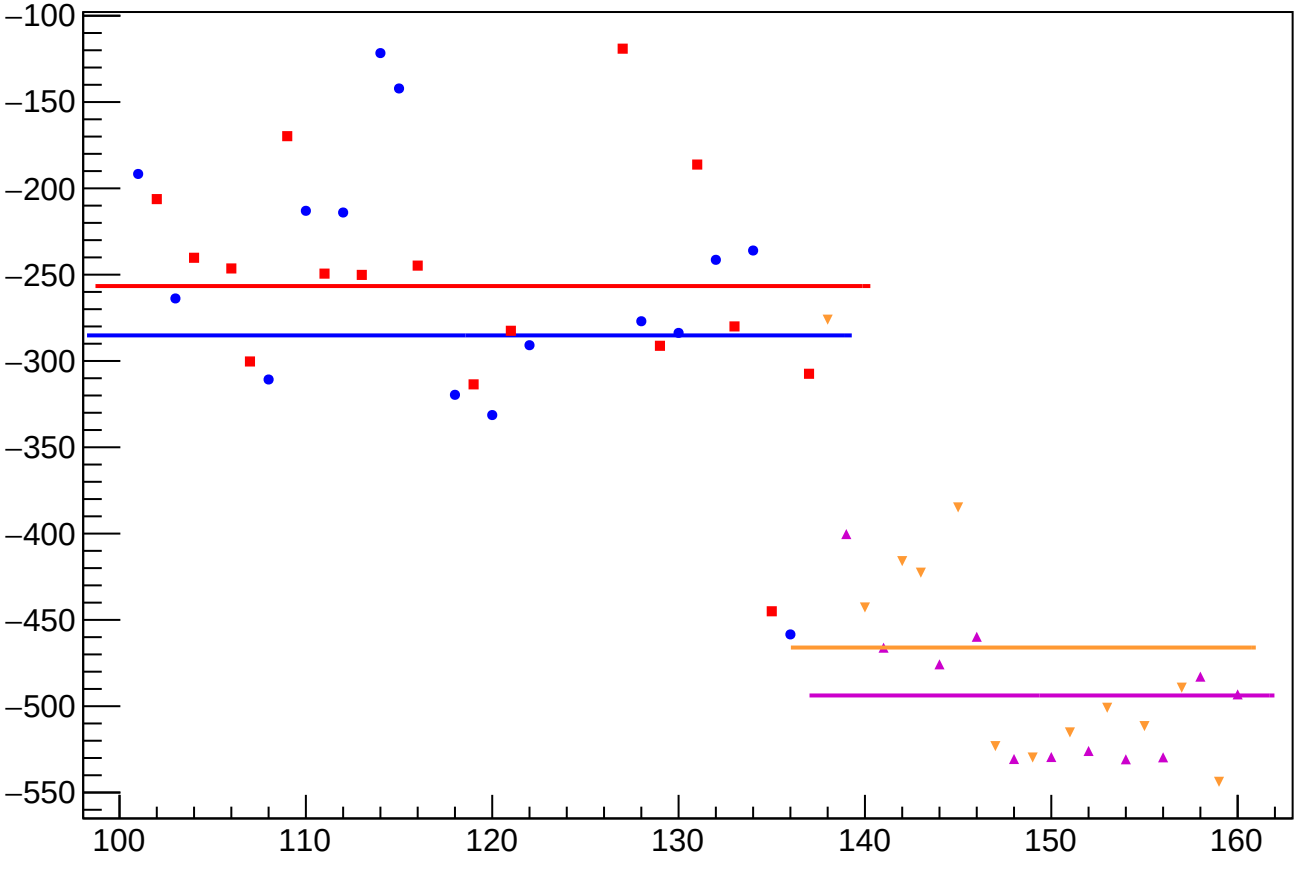
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

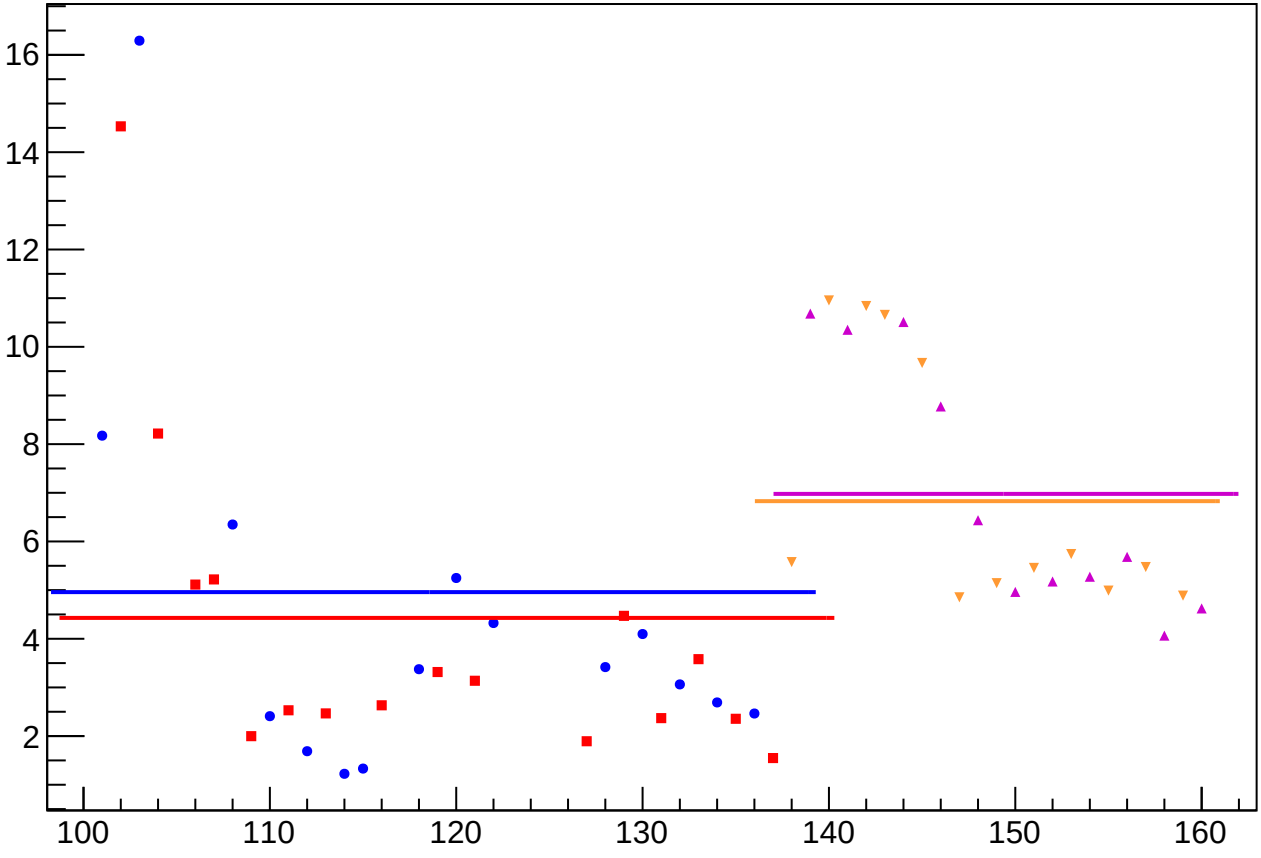
Left In: -493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF: 22079891664929

All: -392.652+/-0.000 χ^2/NDF: 4898061305 9

- sign -394.346+/-0.000 χ^2/NDF: 26891512652234 9

dit_4eX_coil1_err_mean vs Slug



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

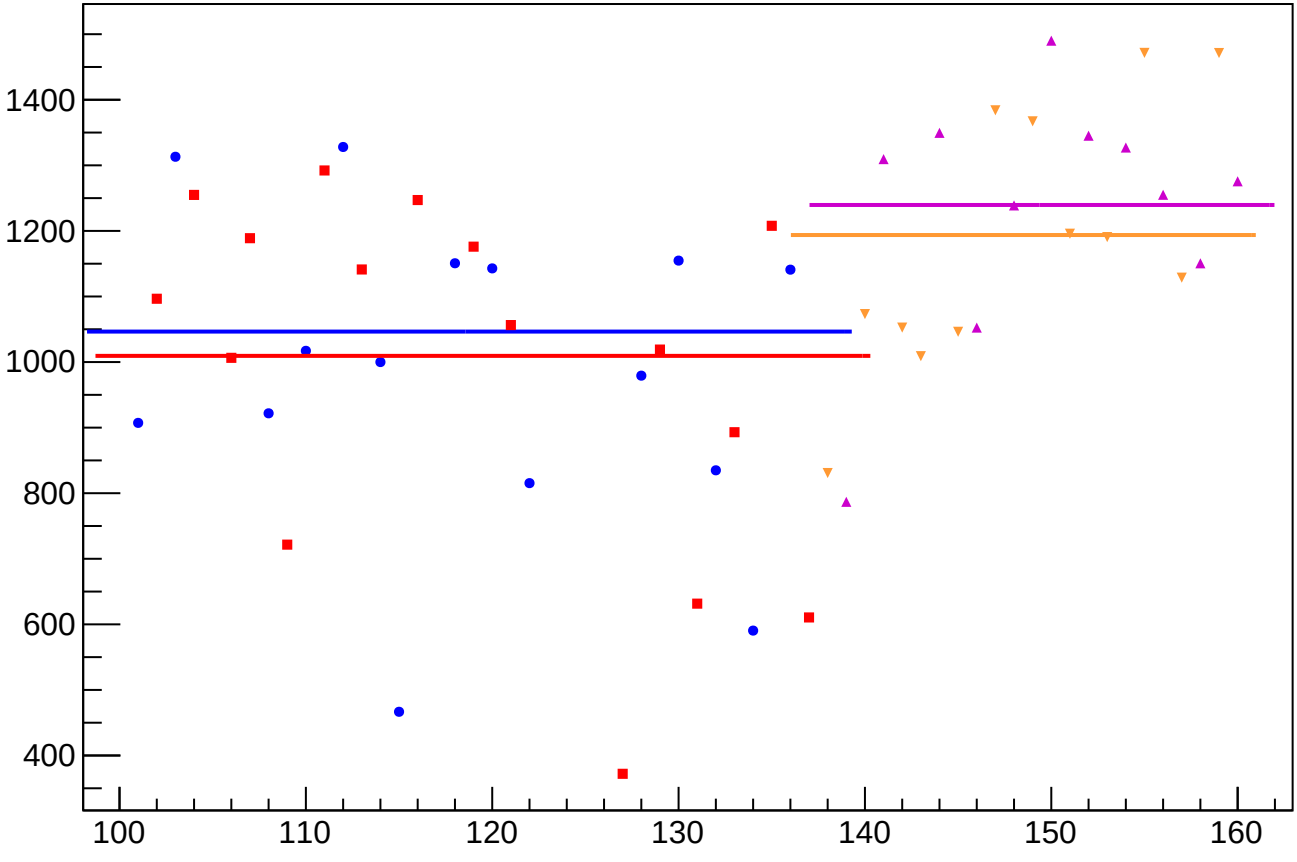
Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ sign 6.052+/-0.000 χ^2/NDF: 17165819902724187

All: 5.980+/-0.000 χ^2/NDF: 3369237121731 7

- sign 5.909+/-0.000 χ^2/NDF: 16510437517508147

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

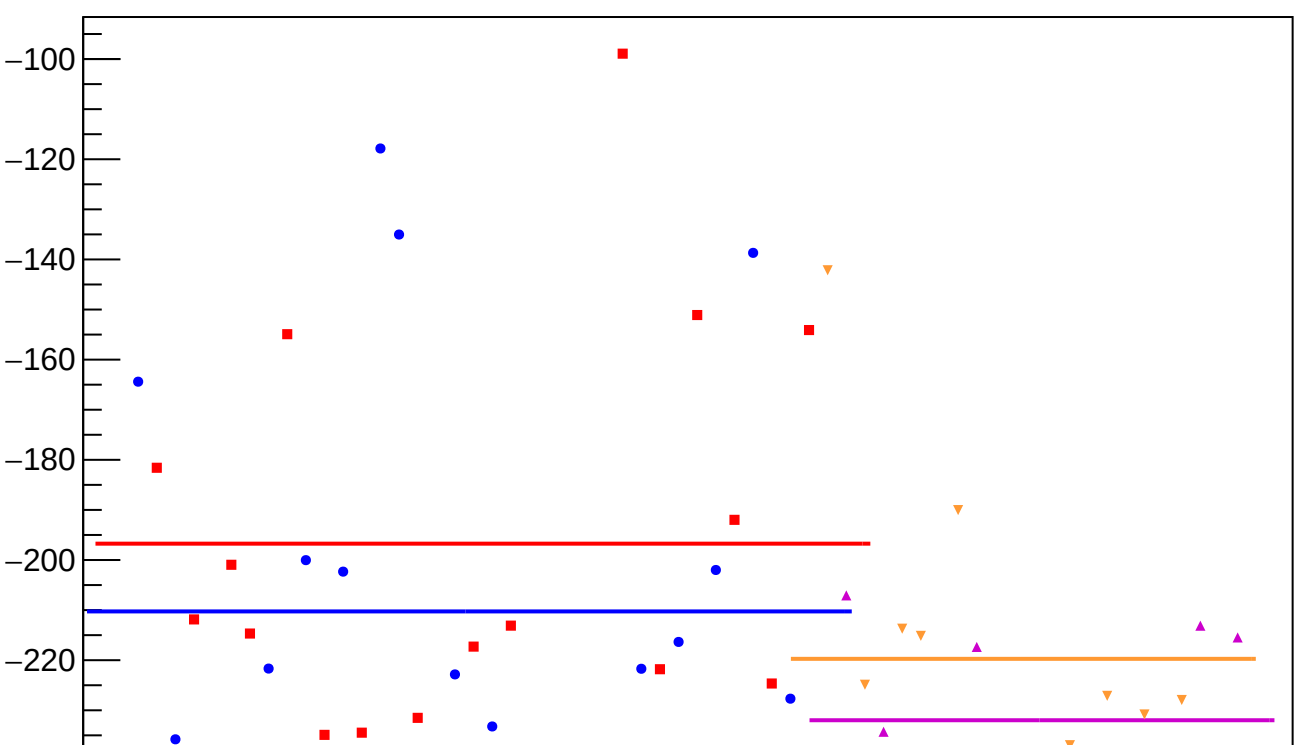
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -215.798+/-0.000 χ^2/NDF: 12928194150556

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

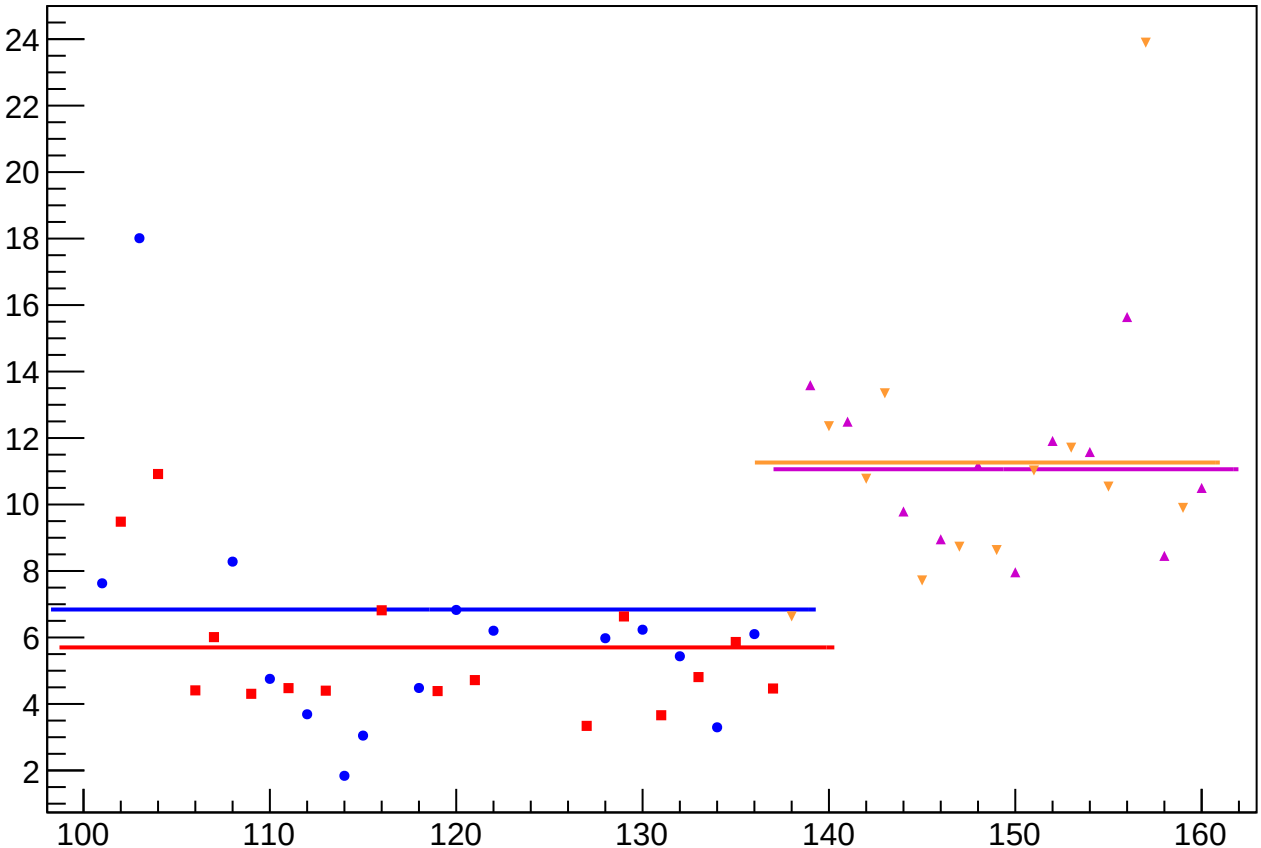
All: -216.509+/-0.000 χ^2/NDF: 2868258790 5

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -217.208+/-0.000 χ^2/NDF: 15738723291882 8

Left In: -231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000 χ^2/NDF:16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

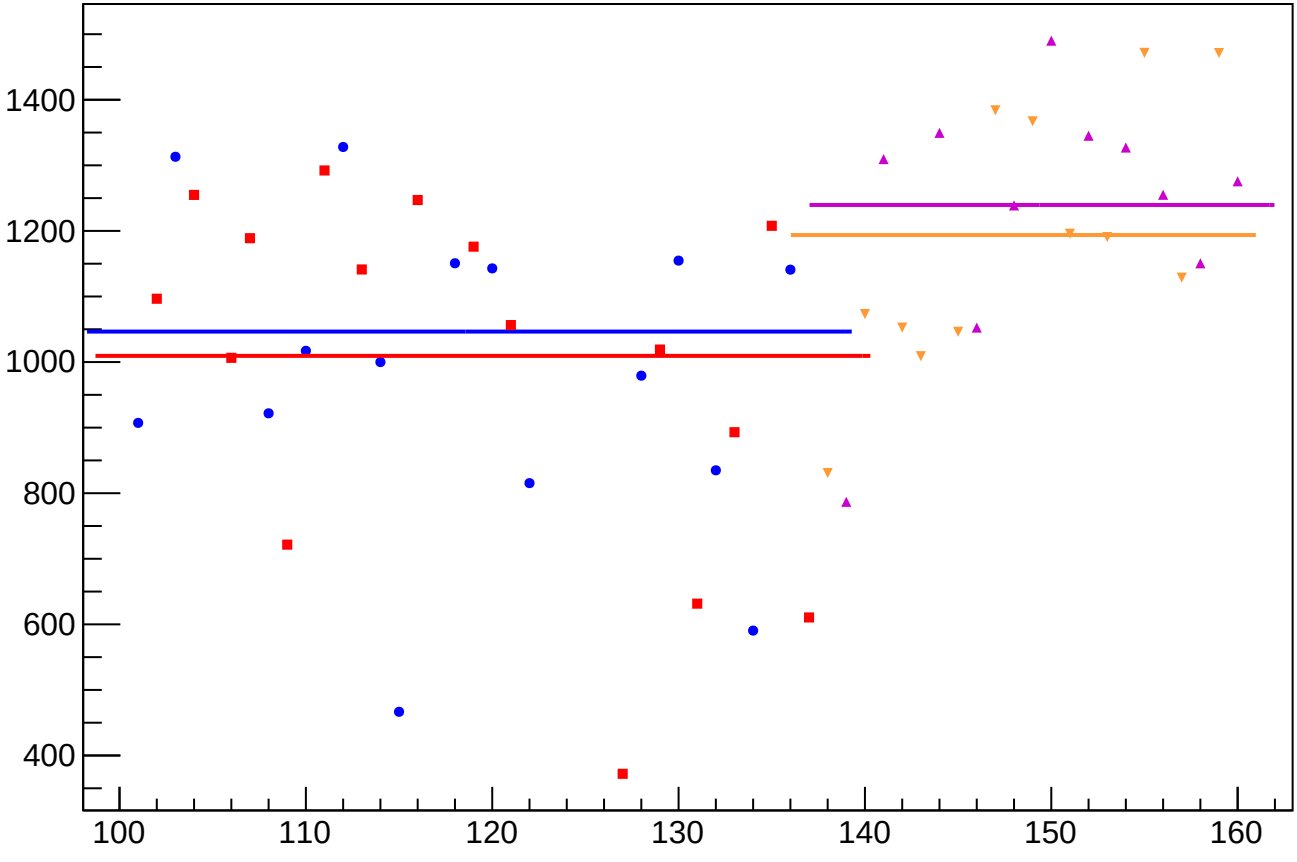
Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF: 3372642652062640

All: 9.118+/-0.000 χ^2/NDF: 5274298923072

- sign 8.814+/-0.000 χ^2/NDF: 1871995538454847

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

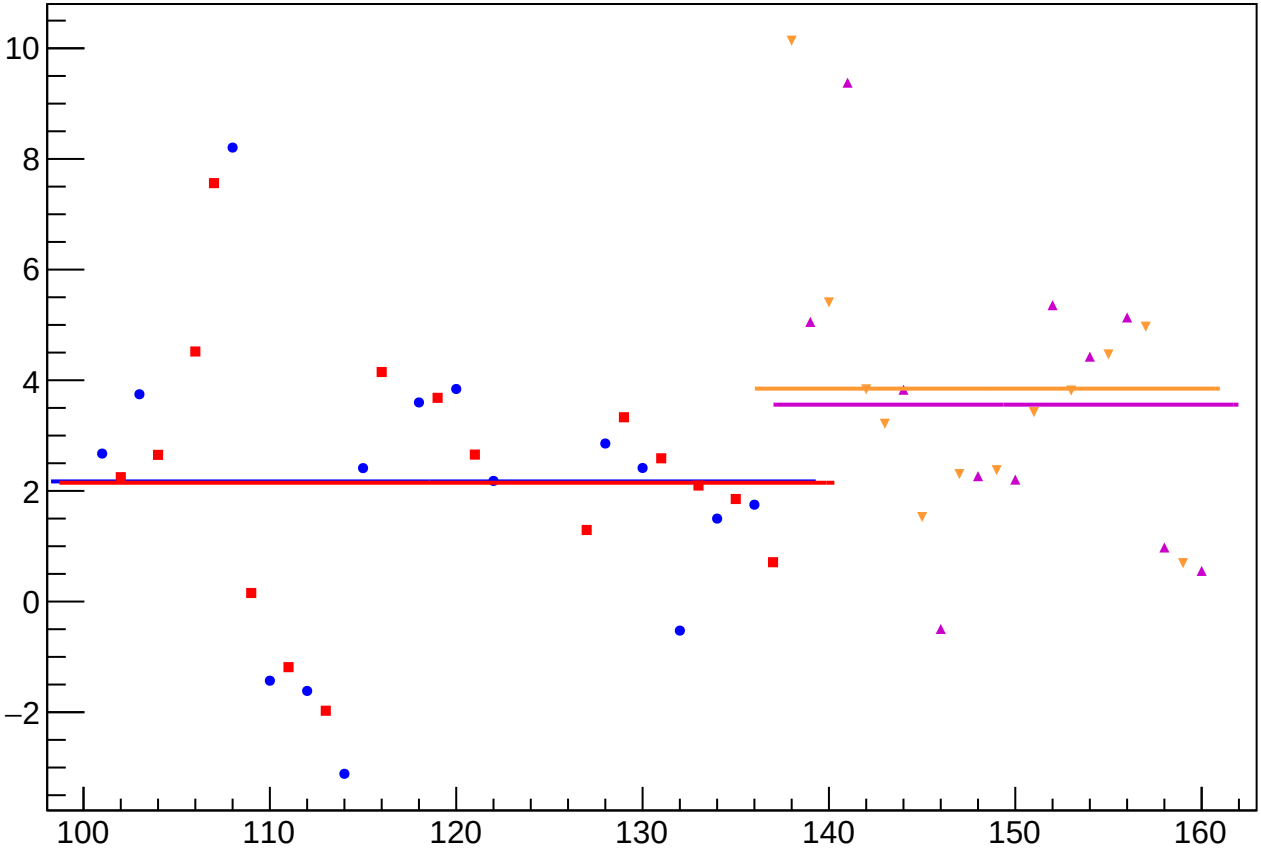
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

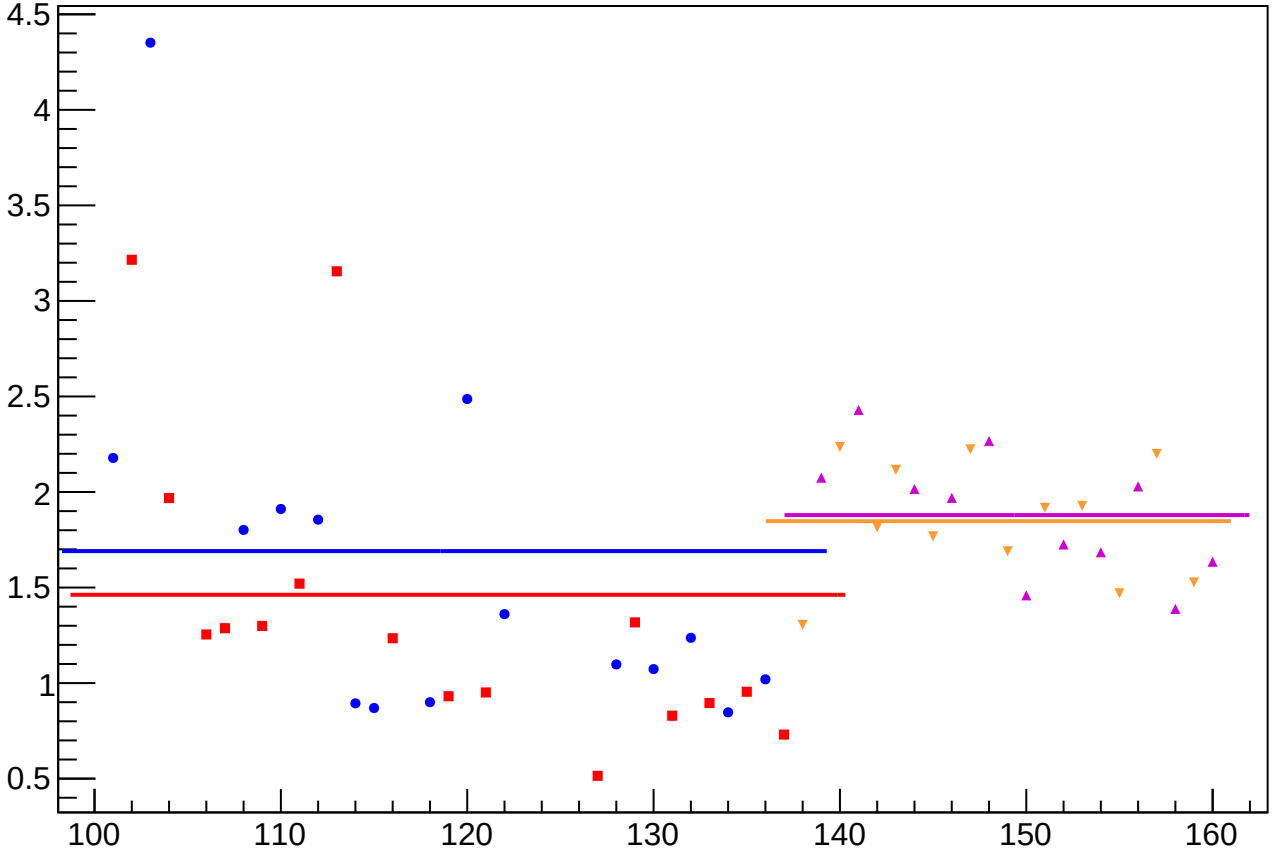
Left In: 3.559+/-0.000 χ^2/NDF:649266734510996254065216575871385 6.0/10

+ sign 3.152+/-0.000 χ^2/NDF: 9706740430384465 2

All: 3.059+/-0.000 χ^2/NDF: 2009161690014 0

- sign 2.967+/-0.000 χ^2/NDF: 1035792346167818 0

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 44438451166251904002237175483596 8.0/15

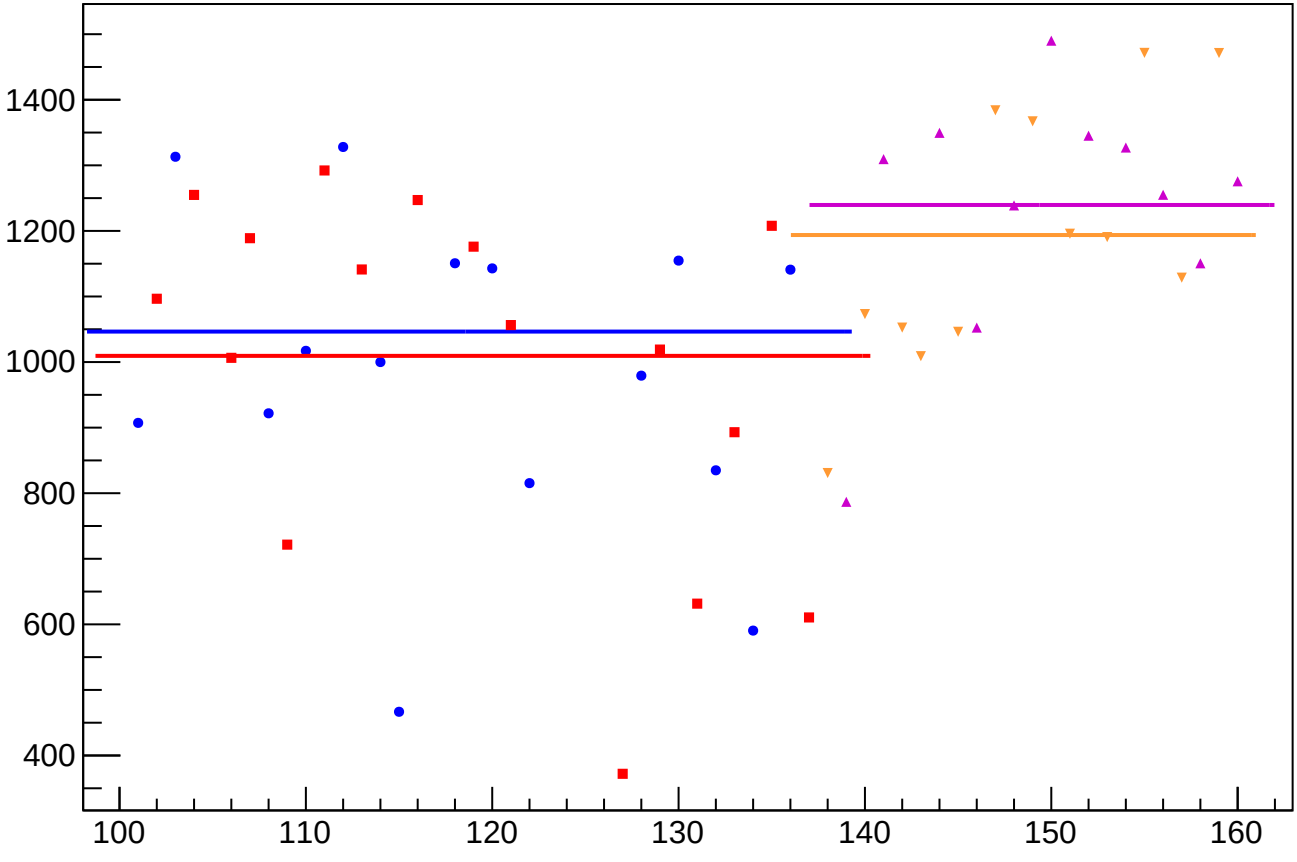
Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ sign 1.782+/-0.000 χ^2/NDF: 7056481563225870 1

All: 1.743+/-0.000 χ^2/NDF: 1313220914474 7

- sign 1.704+/-0.000 χ^2/NDF: 6027735190939702 5

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

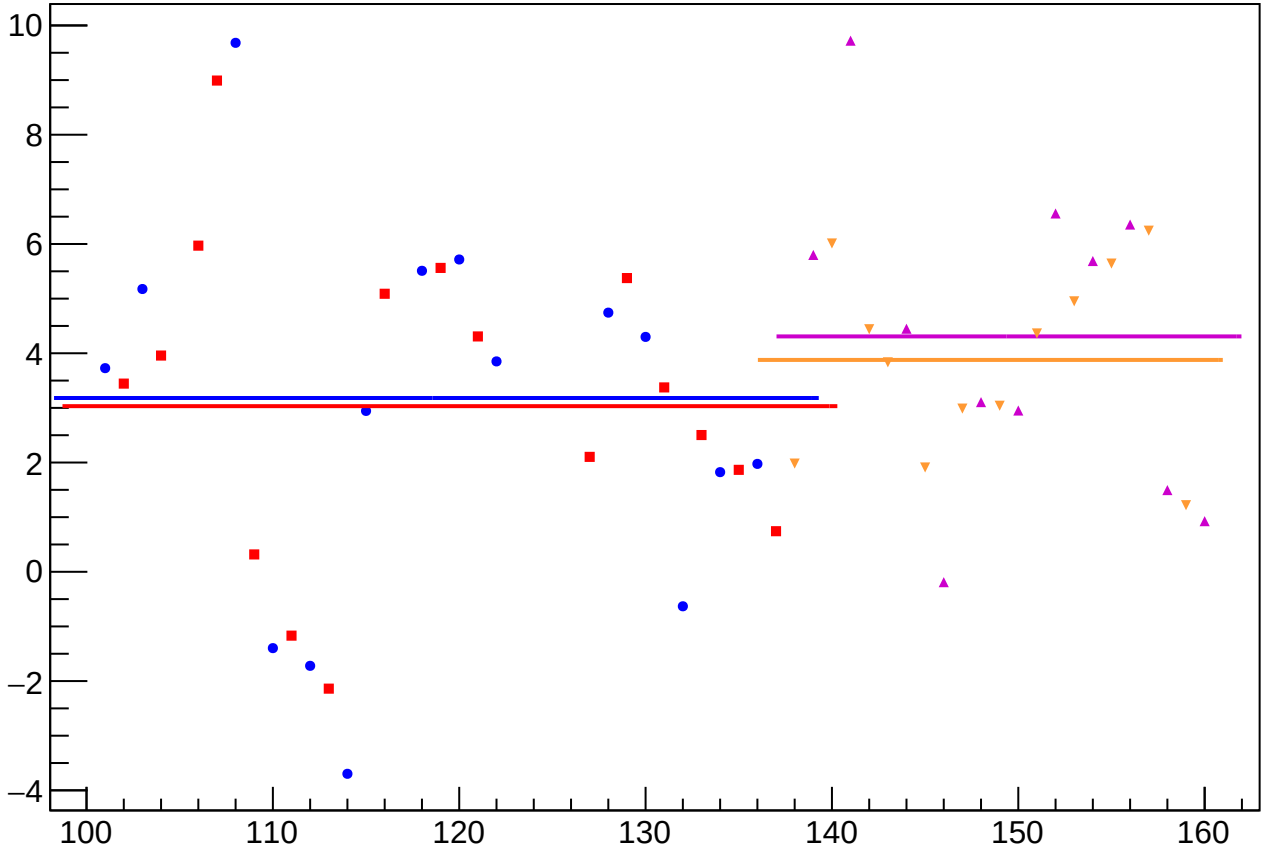
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

+ sign 3.589+/-0.000 χ^2/NDF: 8481178719406326 3

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

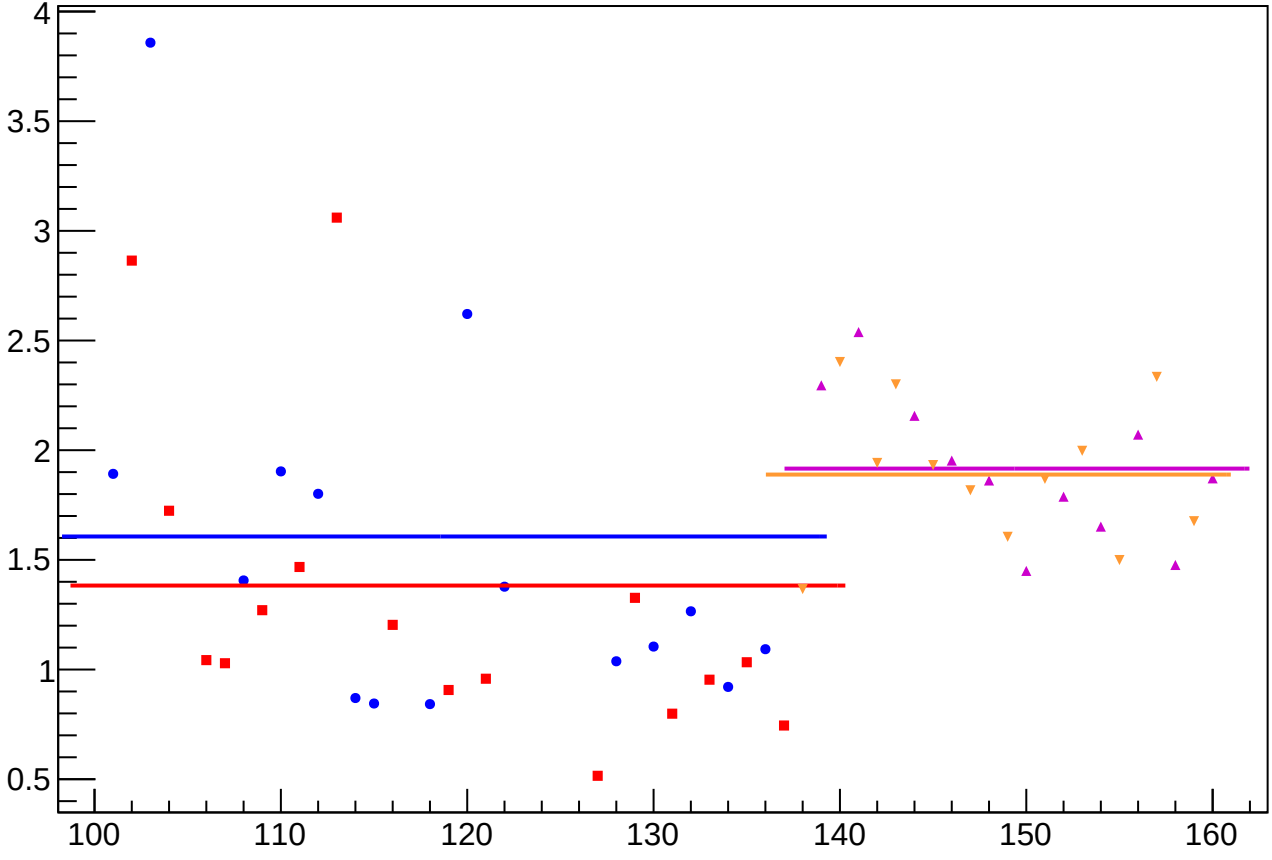
All: 3.682+/-0.000 χ^2/NDF: 2115006474861 8

Right Out: 3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

- sign 3.773+/-0.000 χ^2/NDF: 1264203955766305 5

Left In: 4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

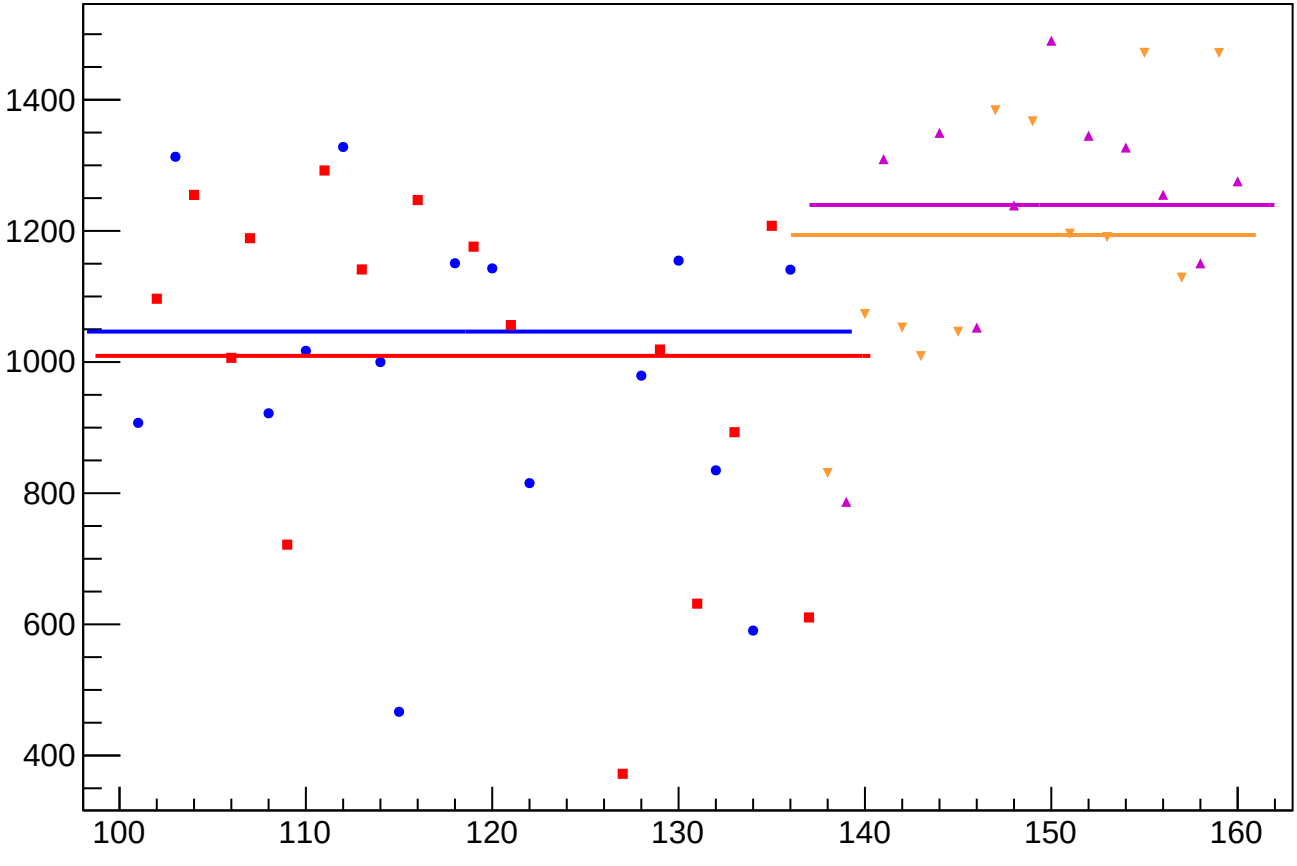
Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ sign 1.772+/-0.000 χ^2/NDF: 5852917526076302 2

All: 1.732+/-0.000 χ^2/NDF: 1153974995120 4

- sign 1.693+/-0.000 χ^2/NDF: 5637459610946310 5

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

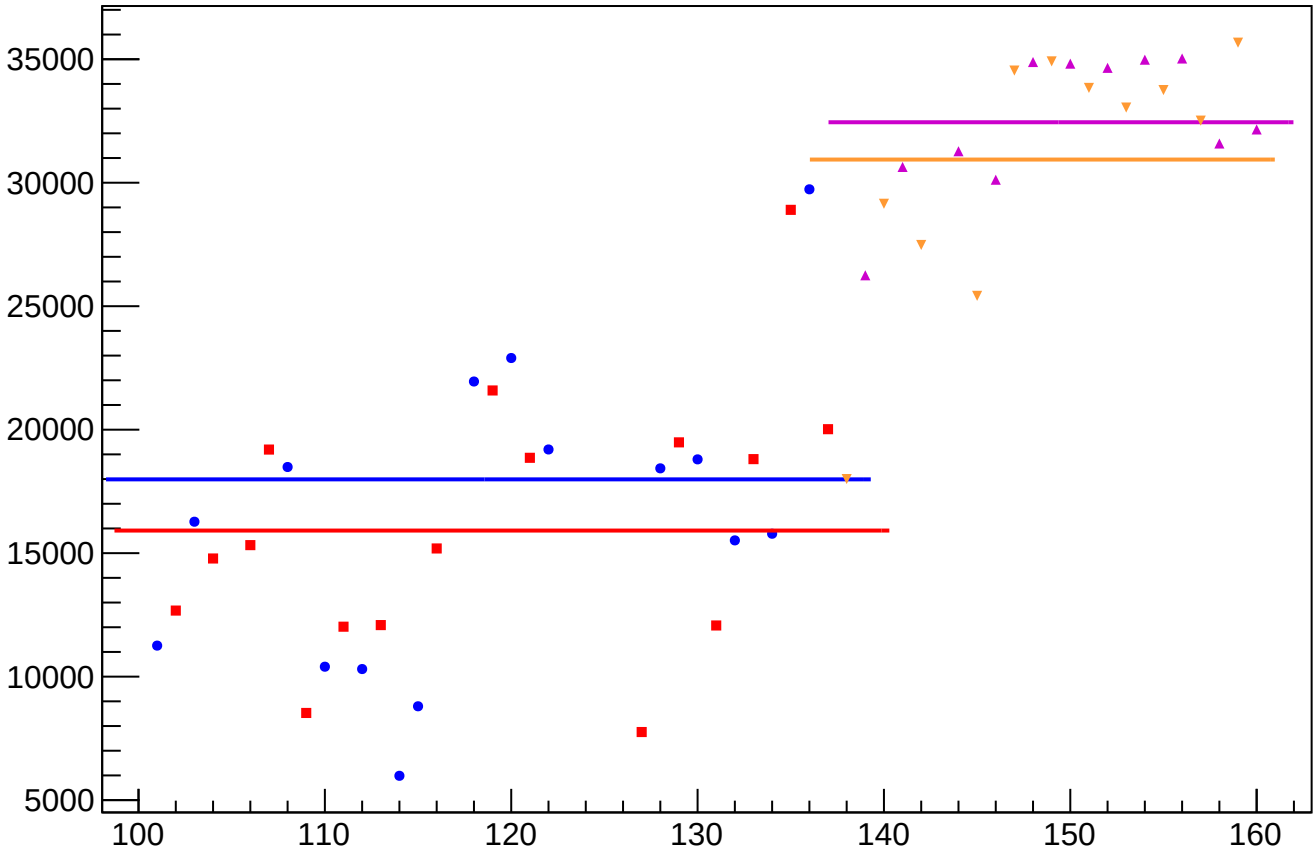
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 30938.190+/-0.000 χ^2/NDF:2223120169525786977327536910002239517491 2.0/10

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

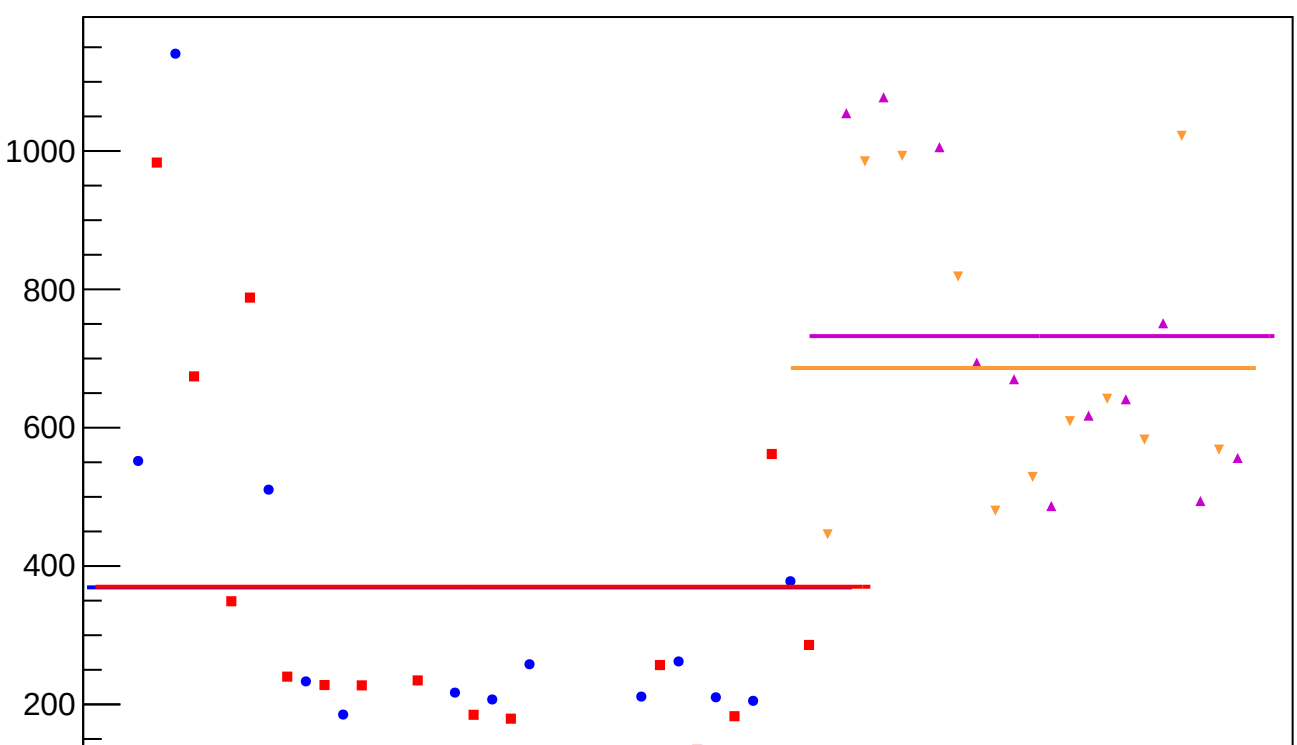
Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF: 1086683983858

All: 25421.772+/-0.000 χ^2/NDF: 2411086165

- sign 25517.305+/-0.000 χ^2/NDF: 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

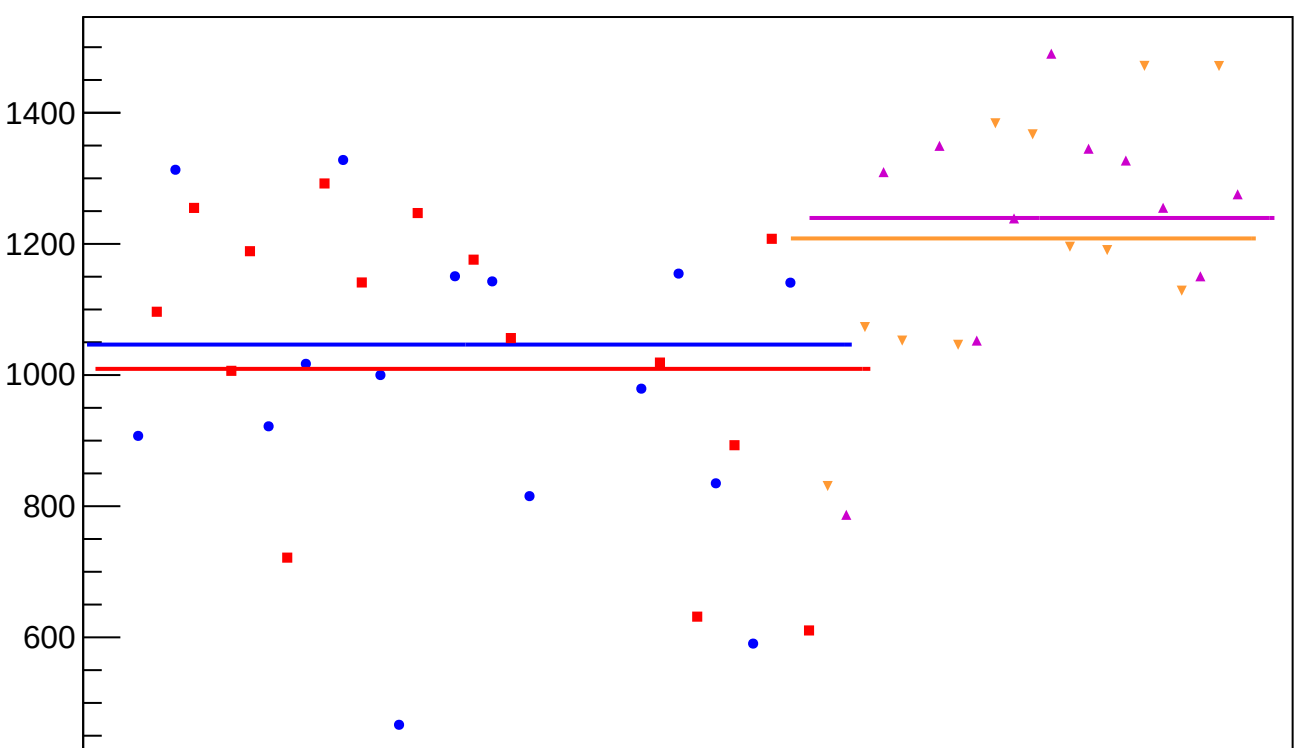
Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ sign 548.687+/-0.000 χ^2/NDF: 119411567412423

All: 565.091+/-0.000 χ^2/NDF: 25920240108 2

- sign 580.516+/-0.000 χ^2/NDF: 139009735968020

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

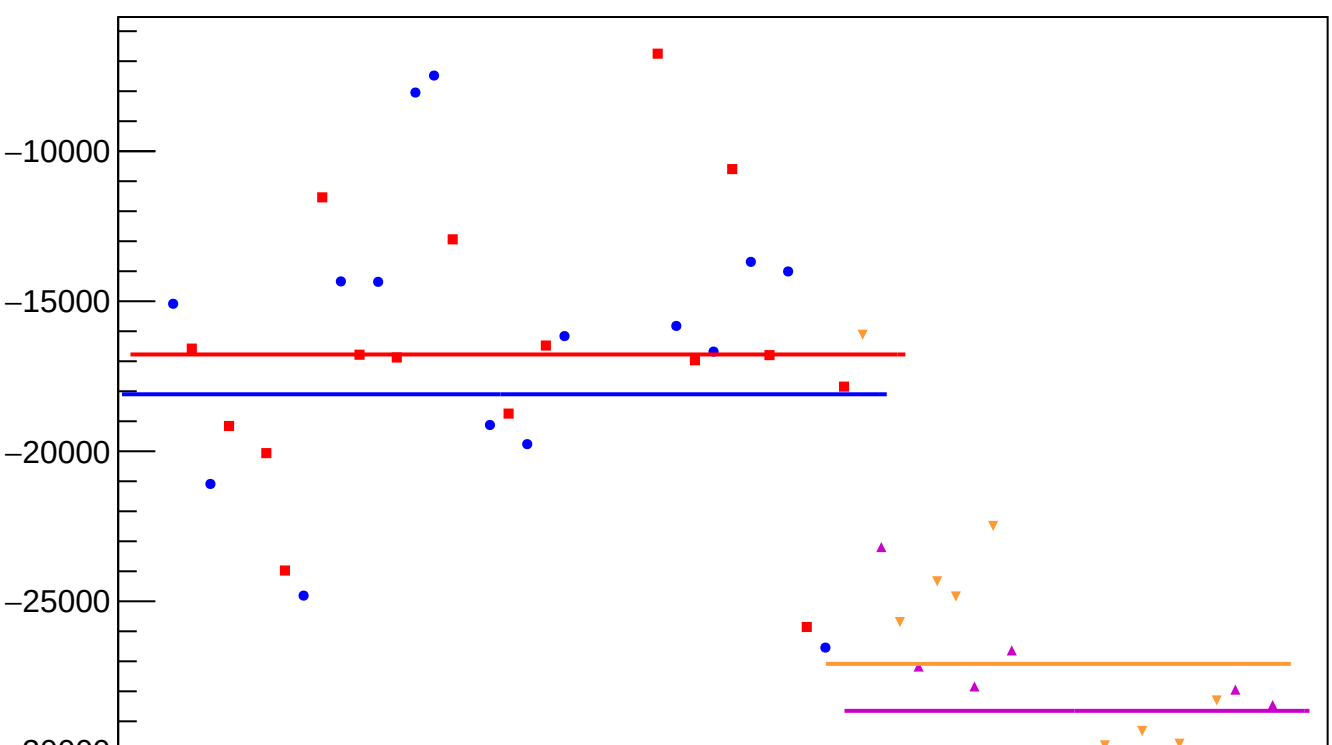
Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ sign 1138.127+/-0.000 χ^2/NDF: 6641265069081 5

All: 1140.682+/-0.000 χ^2/NDF: 1606617172 9

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -27085.326+/-0.000 χ^2/NDF:1691367179083000245172471305621049285017 6.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

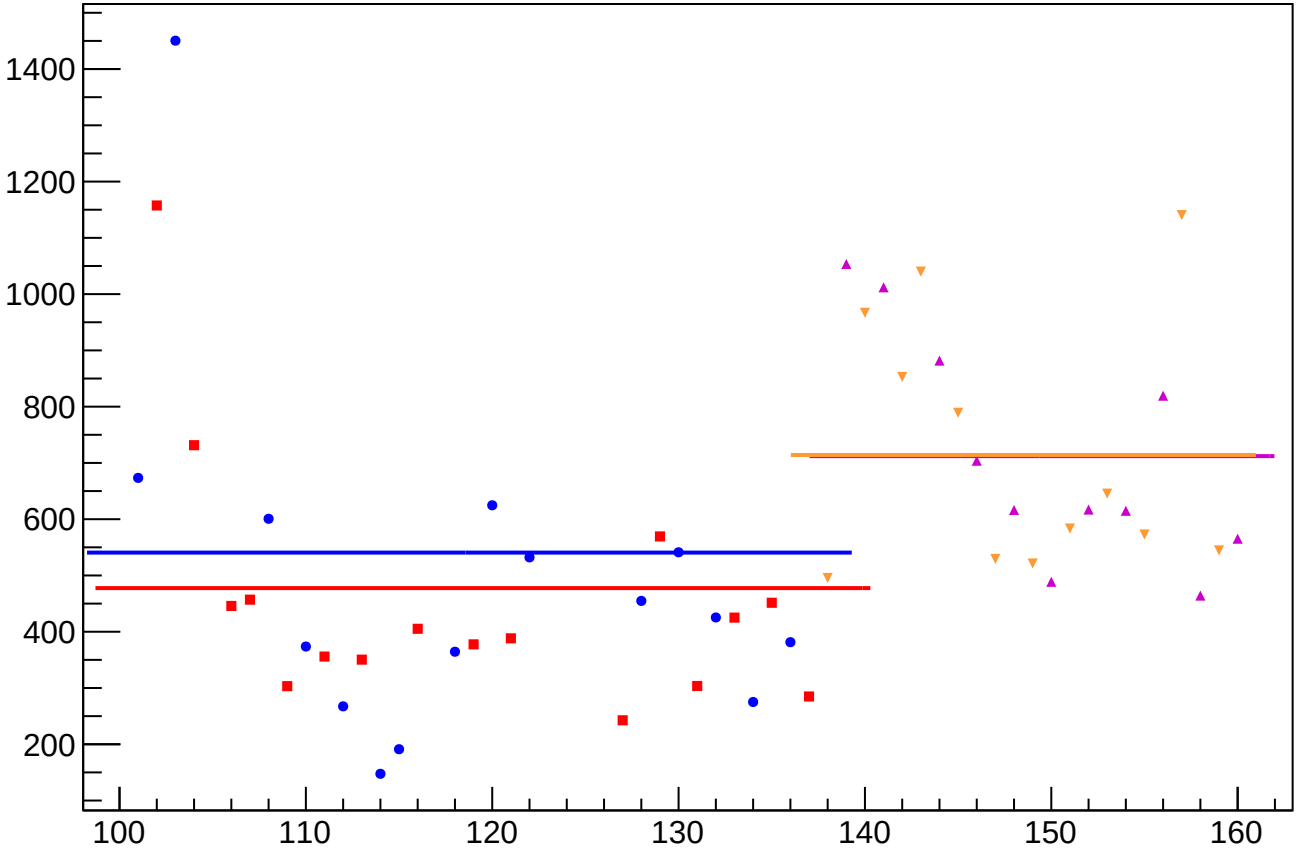
Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF: 621850607090

All: -23514.355+/-0.000 χ^2/NDF: 135979518

- sign -23671.259+/-0.000 χ^2/NDF: 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

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

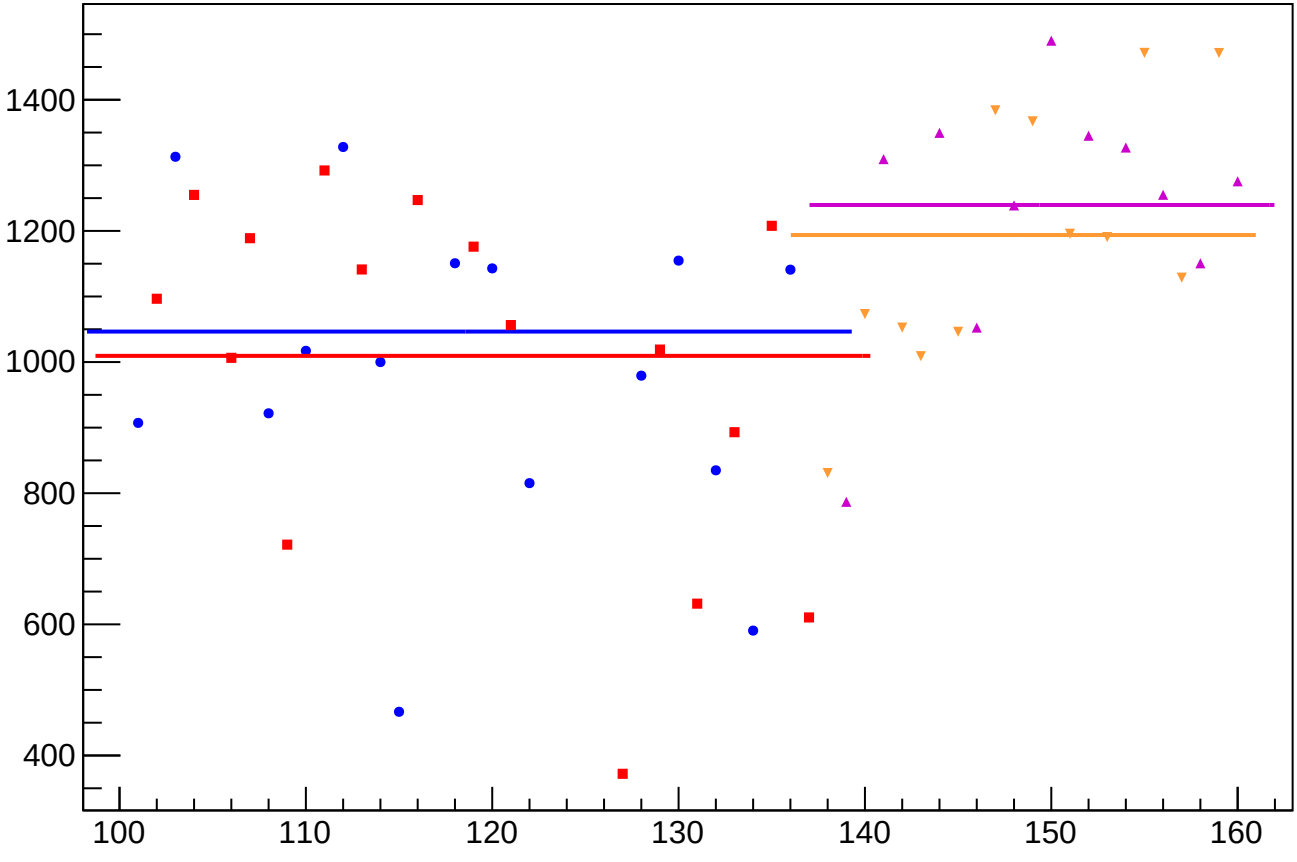
Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ sign 642.112+/-0.000 χ^2/NDF: 1191300778027 78

All: 627.811+/-0.000 χ^2/NDF: 2139641066 83

- sign 613.763+/-0.000 χ^2/NDF: 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

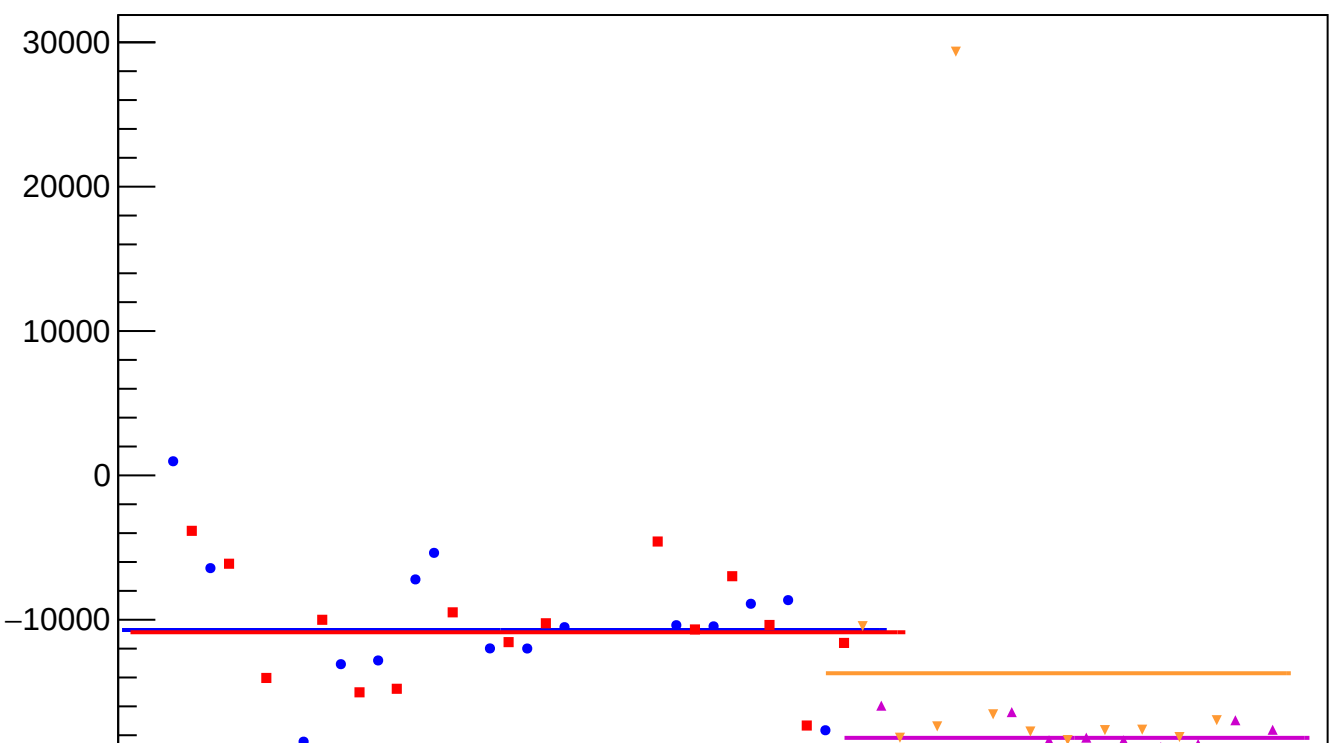
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -12461.801+/-0.000 χ^2/NDF: 158576463536

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

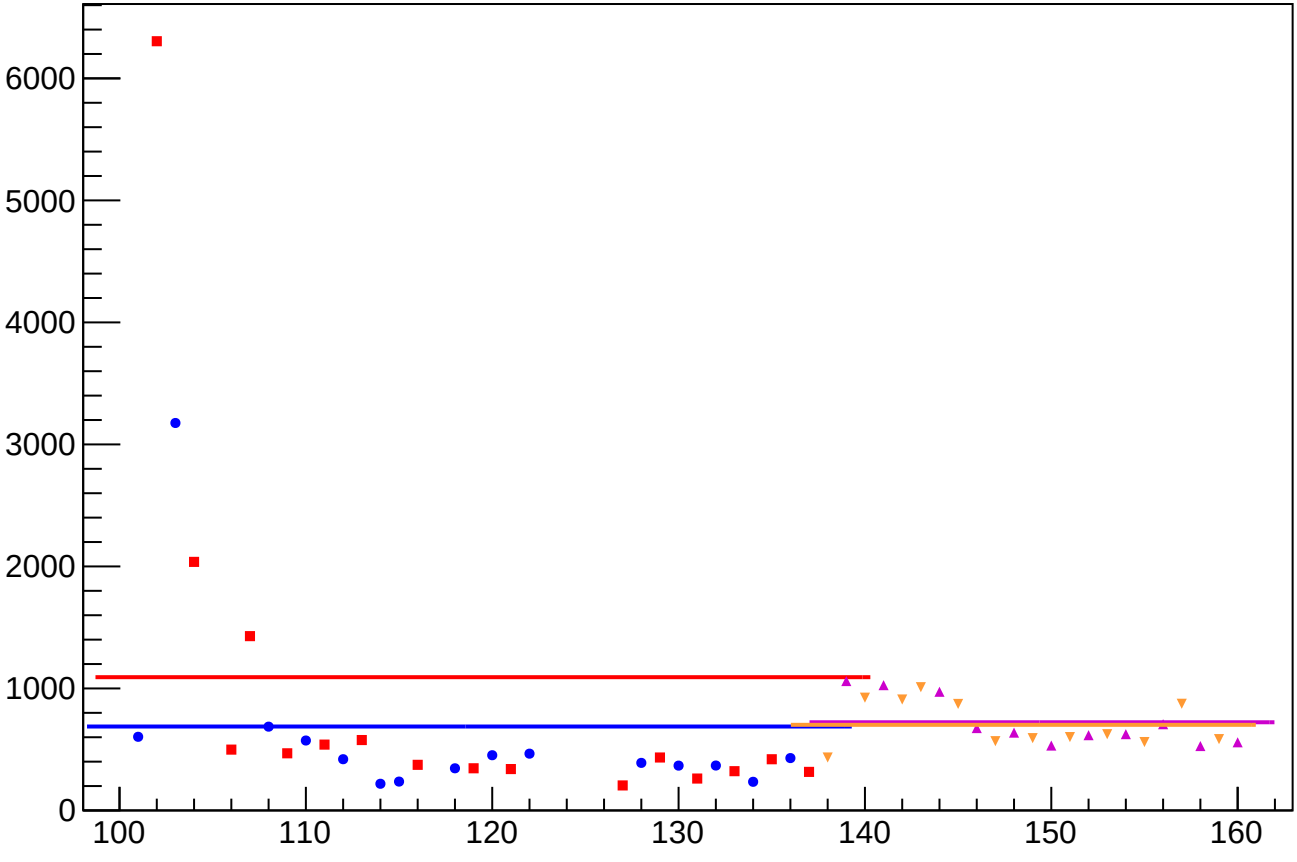
All: -13800.033+/-0.000 χ^2/NDF: 200733129

Right Out: -10866.264+/-0.000 χ^2/NDF: 142347628388583824845259016441316266475 52.0/15

- sign -15114.713+/-0.000 χ^2/NDF: 366076884081

Left In: -18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

+ sign 696.059+/-0.000 χ^2/NDF: 43838207845777 4

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

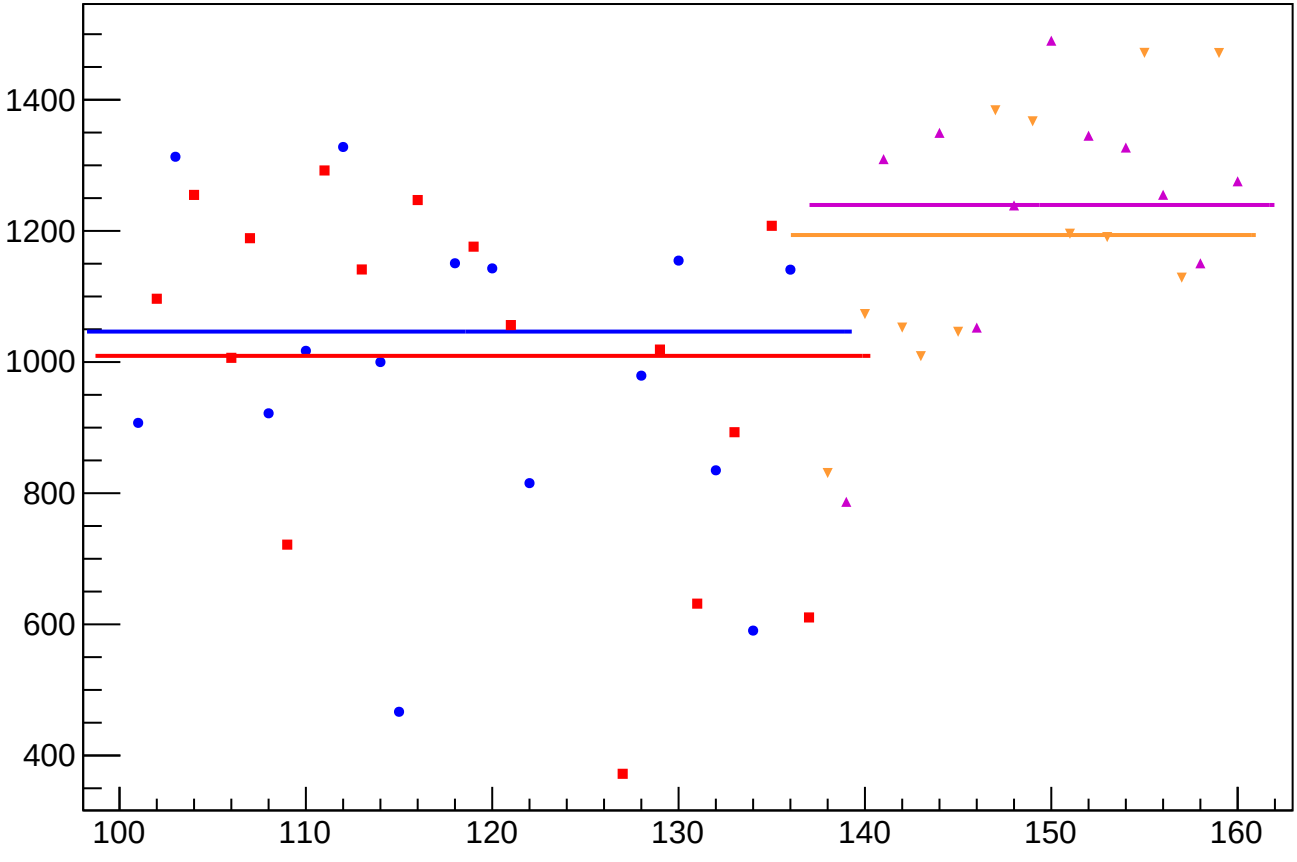
All: 787.665+/-0.000 χ^2/NDF: 2434168948 39

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 877.659+/-0.000 χ^2/NDF: 19697853901896 5

Left In: 722.743+/-0.000 χ^2/NDF:33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

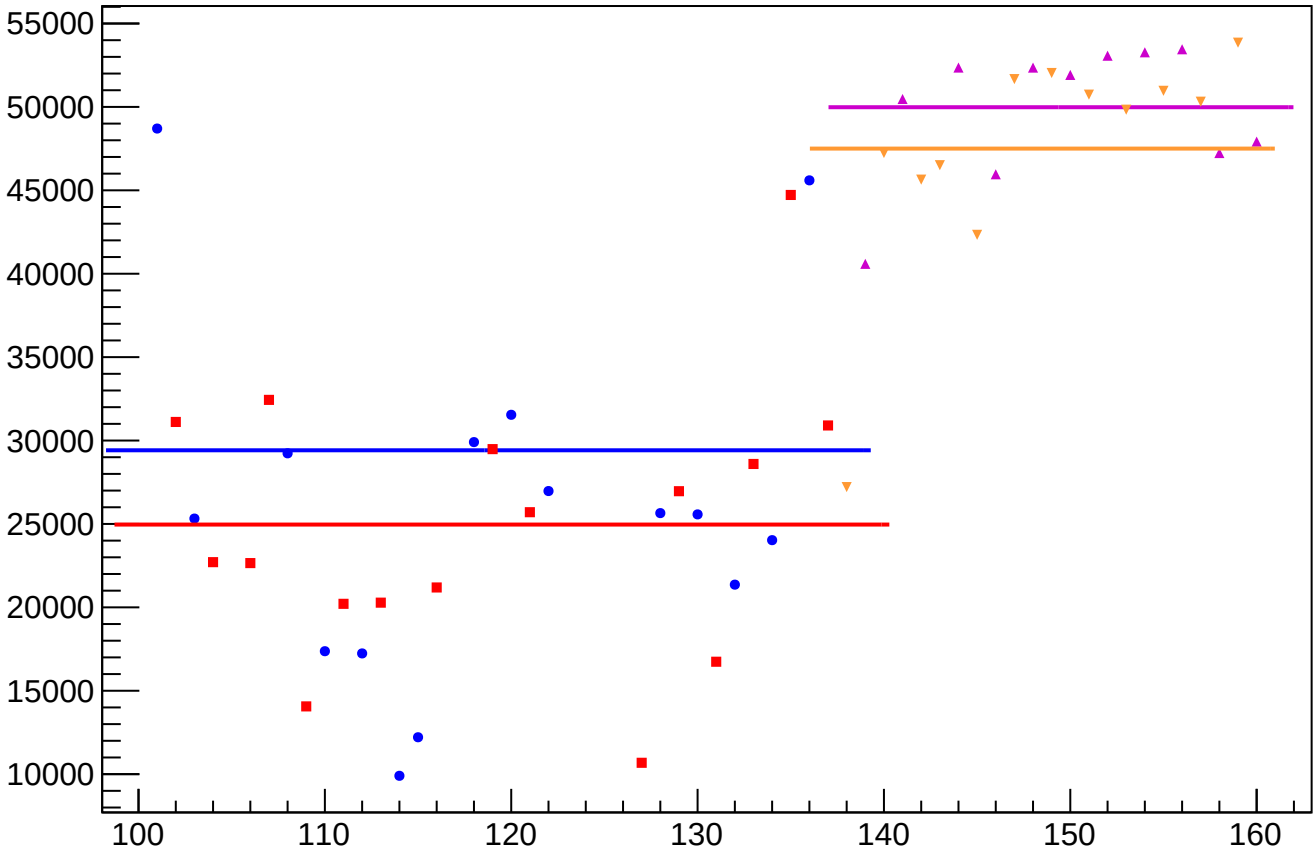
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 39992.082+/-0.000 χ^2/NDF: 2394993878358

Left Out: 47501.916+/-0.000 χ^2/NDF:4359171533493380164556519983676176675635 2.0/11

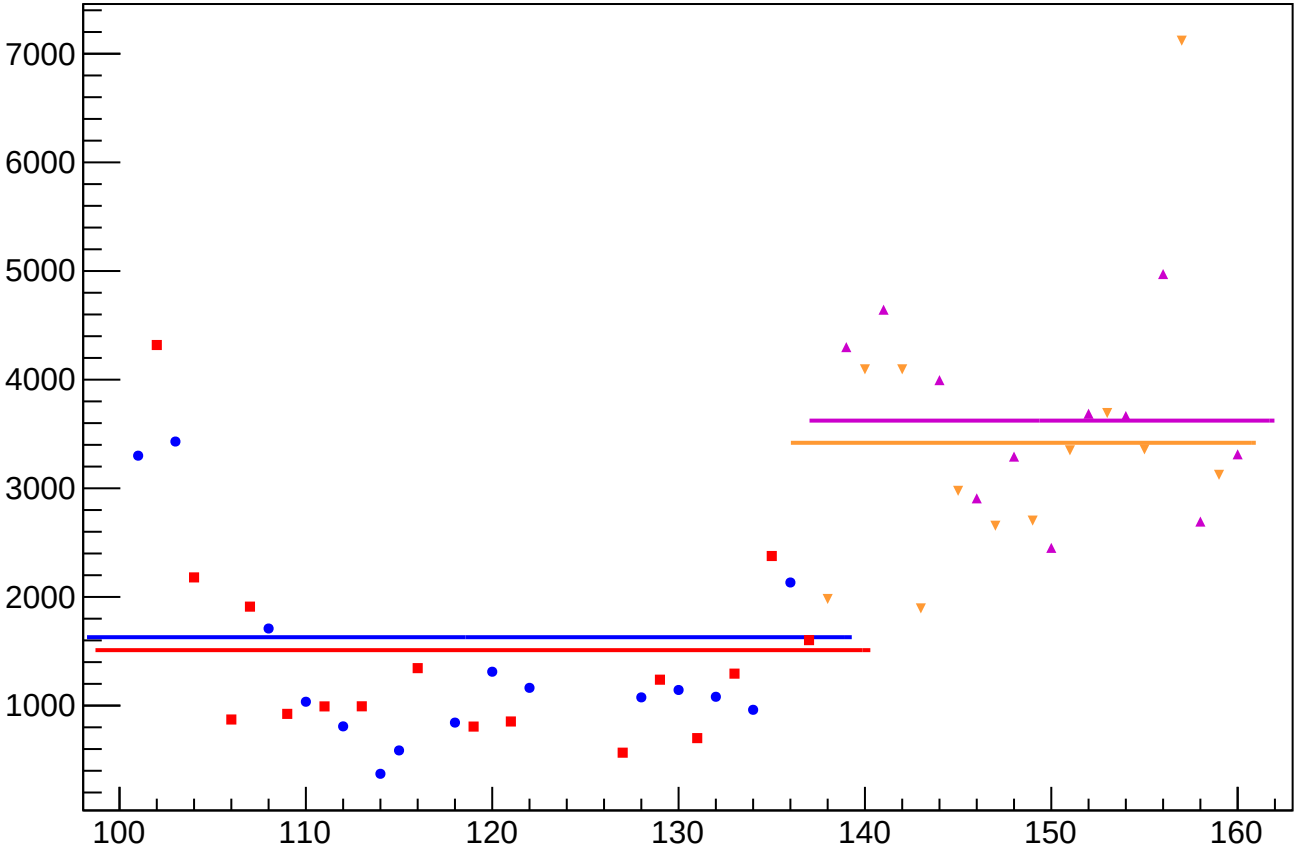
All: 39740.450+/-0.000 χ^2/NDF: 5413093002

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 39493.245+/-0.000 χ^2/NDF: 3016137188389

Left In: 49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

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

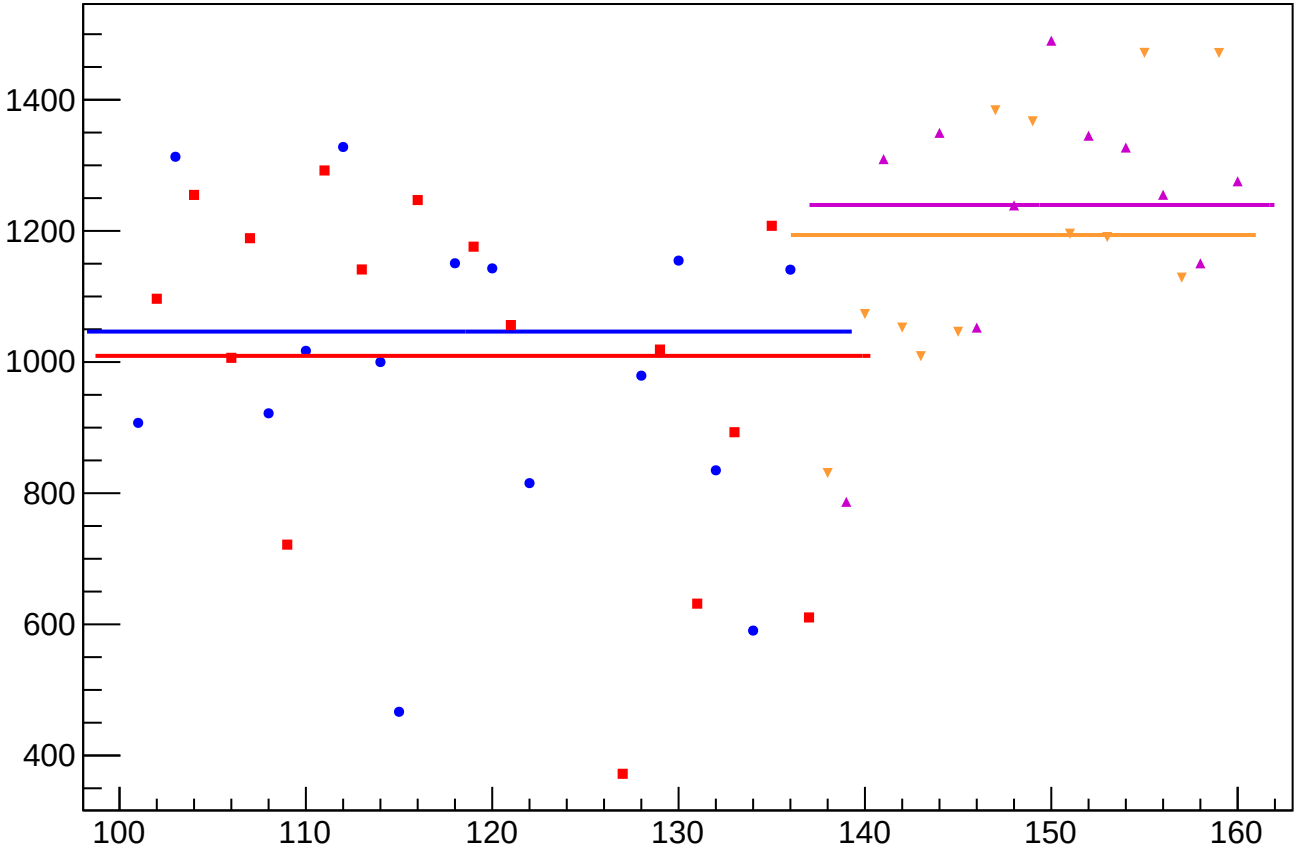
Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ sign 2675.926+/-0.000 χ^2/NDF: 3342430084804 2

All: 2706.904+/-0.000 χ^2/NDF: 6300549156 5

- sign 2737.338+/-0.000 χ^2/NDF: 2955145483288 7

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

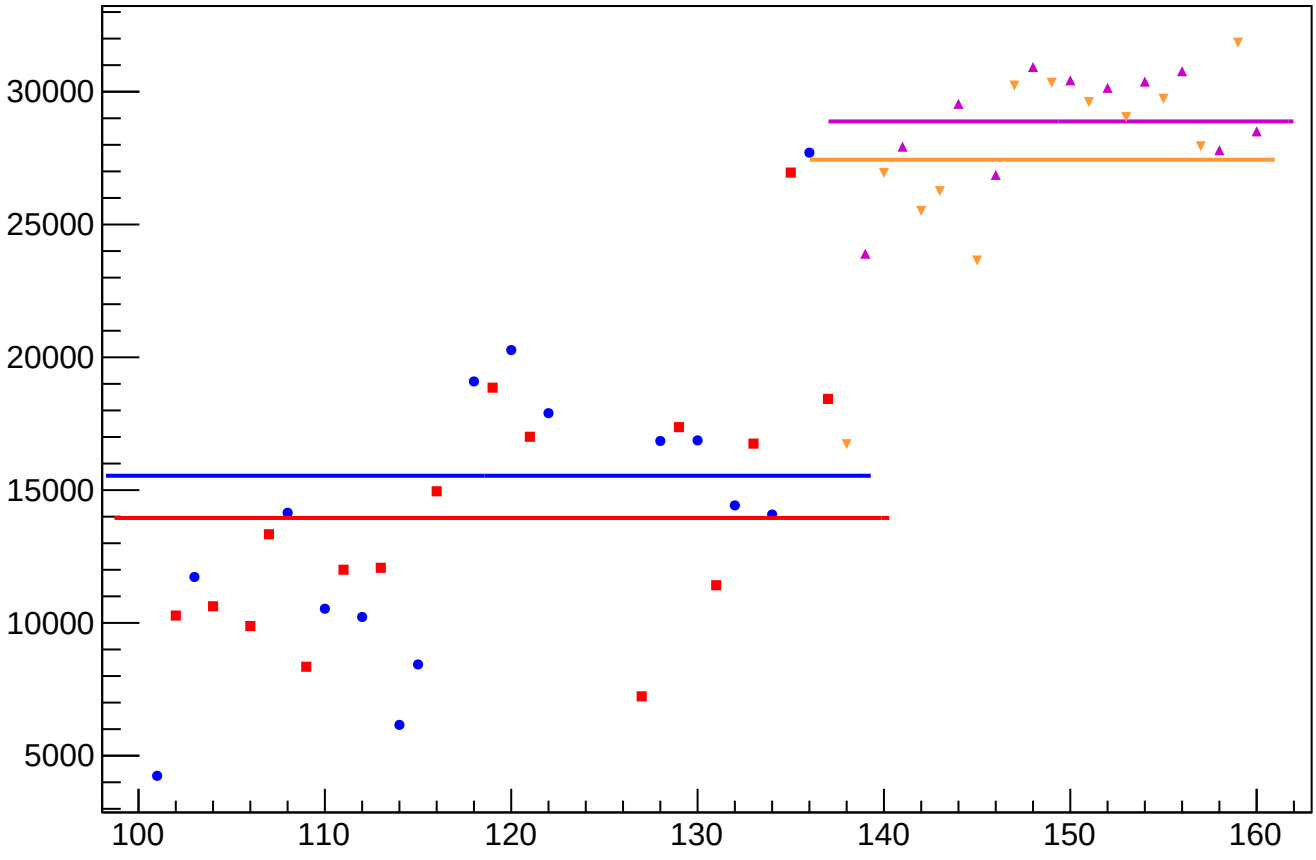
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 22498.900+/-0.000 χ^2/NDF: 953635786596 4

Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11

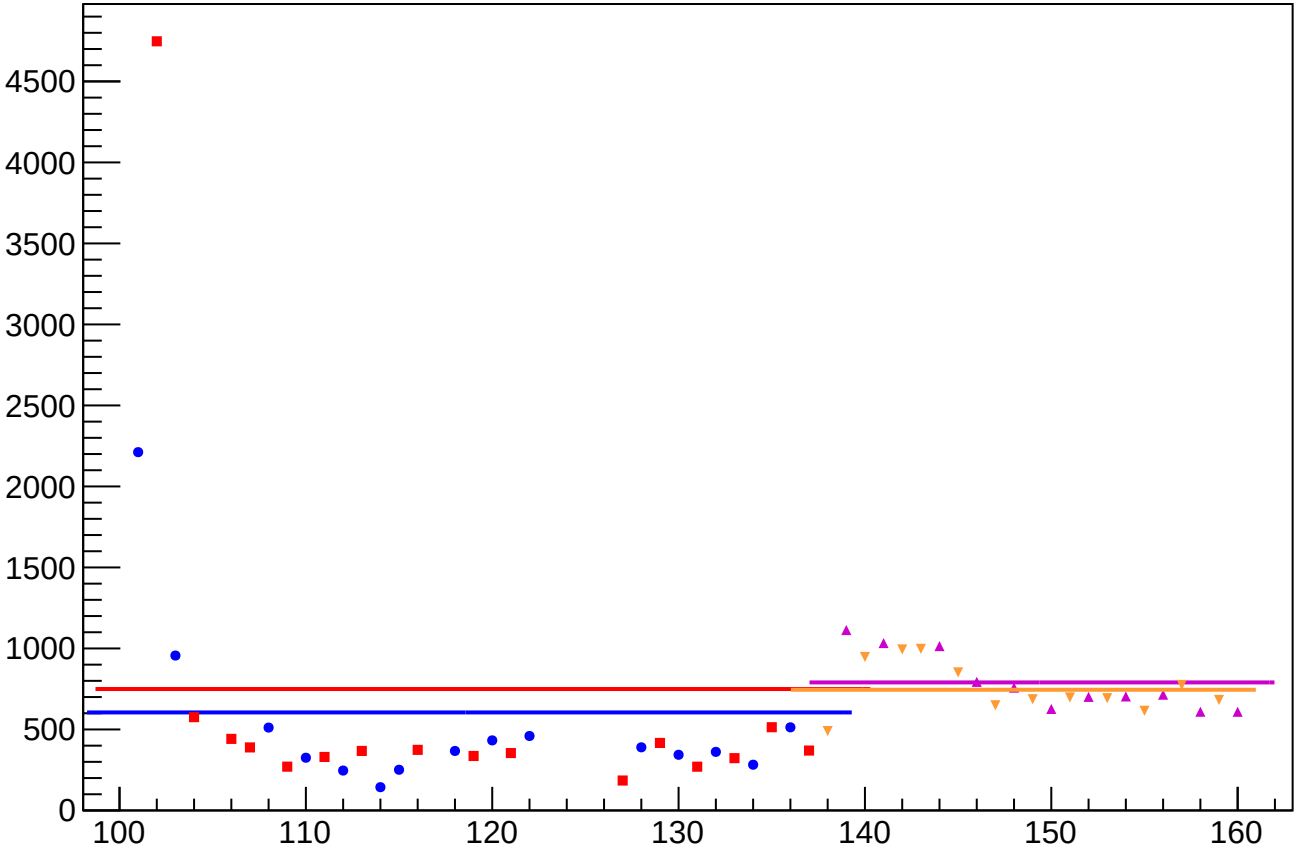
All: 22561.315+/-0.000 χ^2/NDF: 2024381611

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

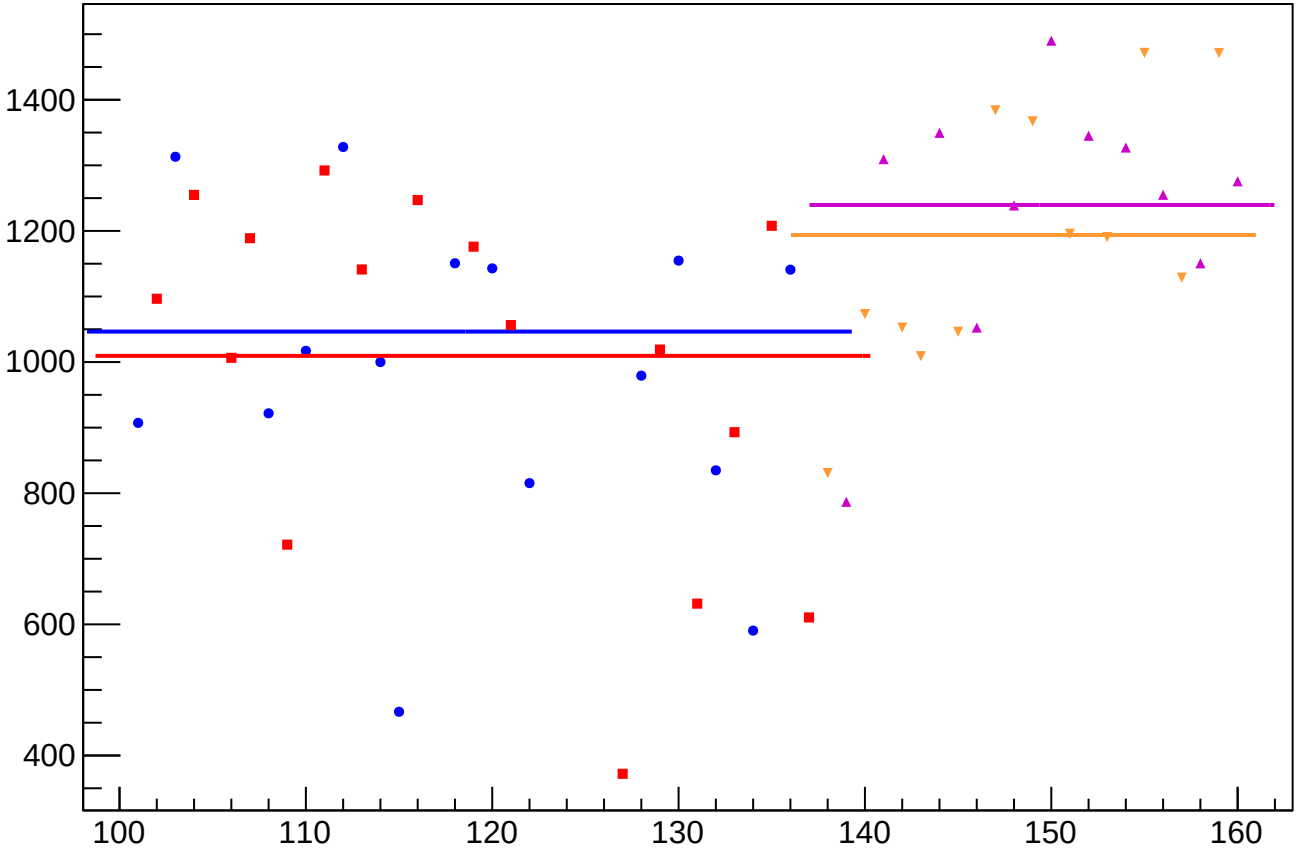
Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 686.873+/-0.000 χ^2/NDF: 216406275122554
Left Out: 744.985+/-0.000 χ^2/NDF:195714539842789617199362478705444126 72.0/11
All: 730.430+/-0.000 χ^2/NDF: 127166116576
Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
- sign 773.220+/-0.000 χ^2/NDF: 104937647672496
Left In: 790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

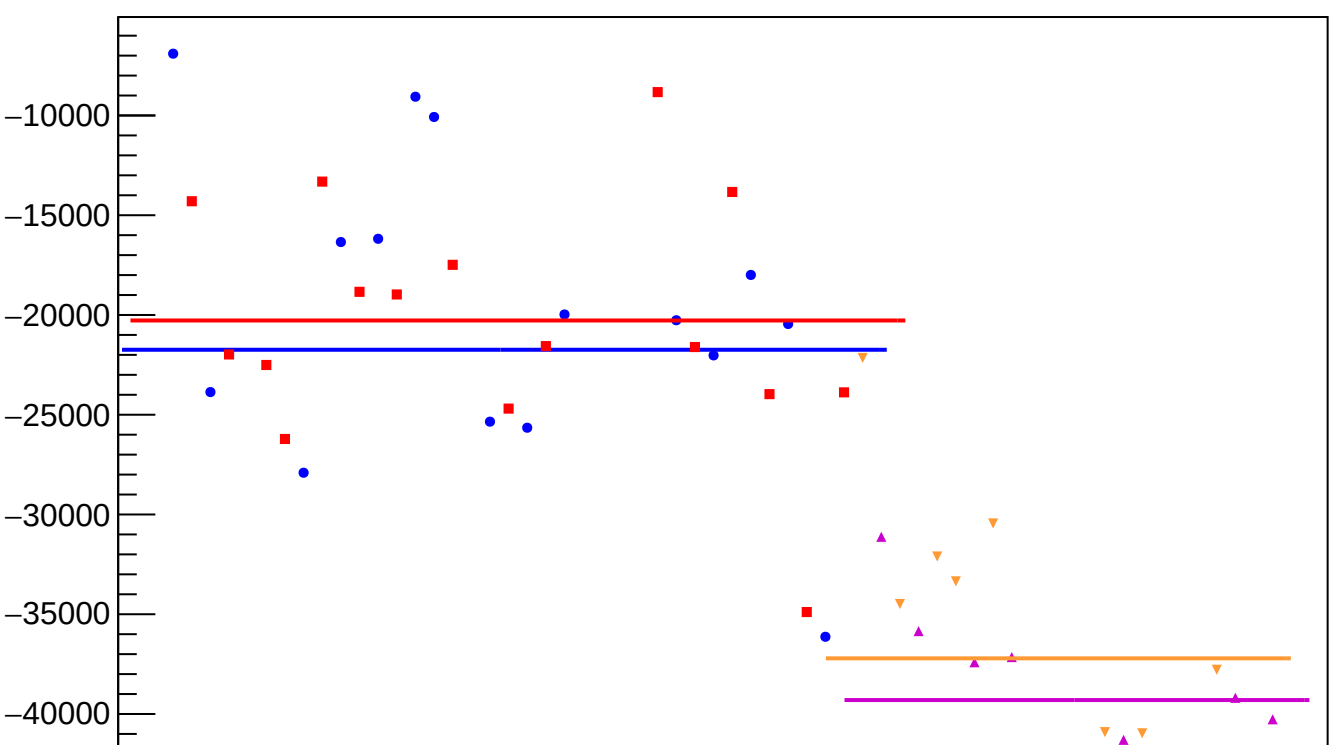
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

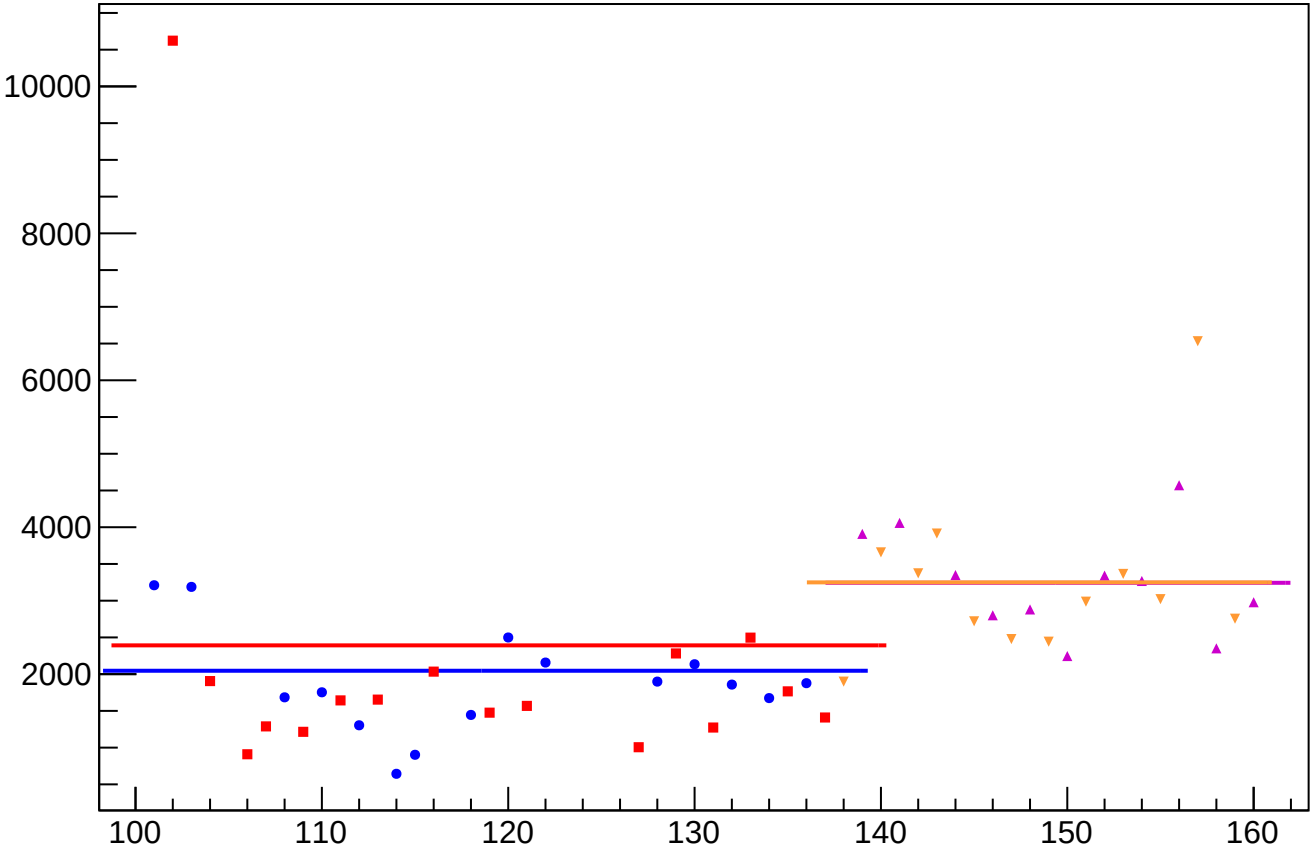
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
+ sign -30788.276+/-0.000 χ^2/NDF: 168137649264
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
All: -31059.001+/-0.000 χ^2/NDF: 345412130
Right Out: -20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
- sign -31324.961+/-0.000 χ^2/NDF: 177047387117 6
Left In: -39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2749.812+/-0.000 χ^2/NDF: 20064864272112

Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11

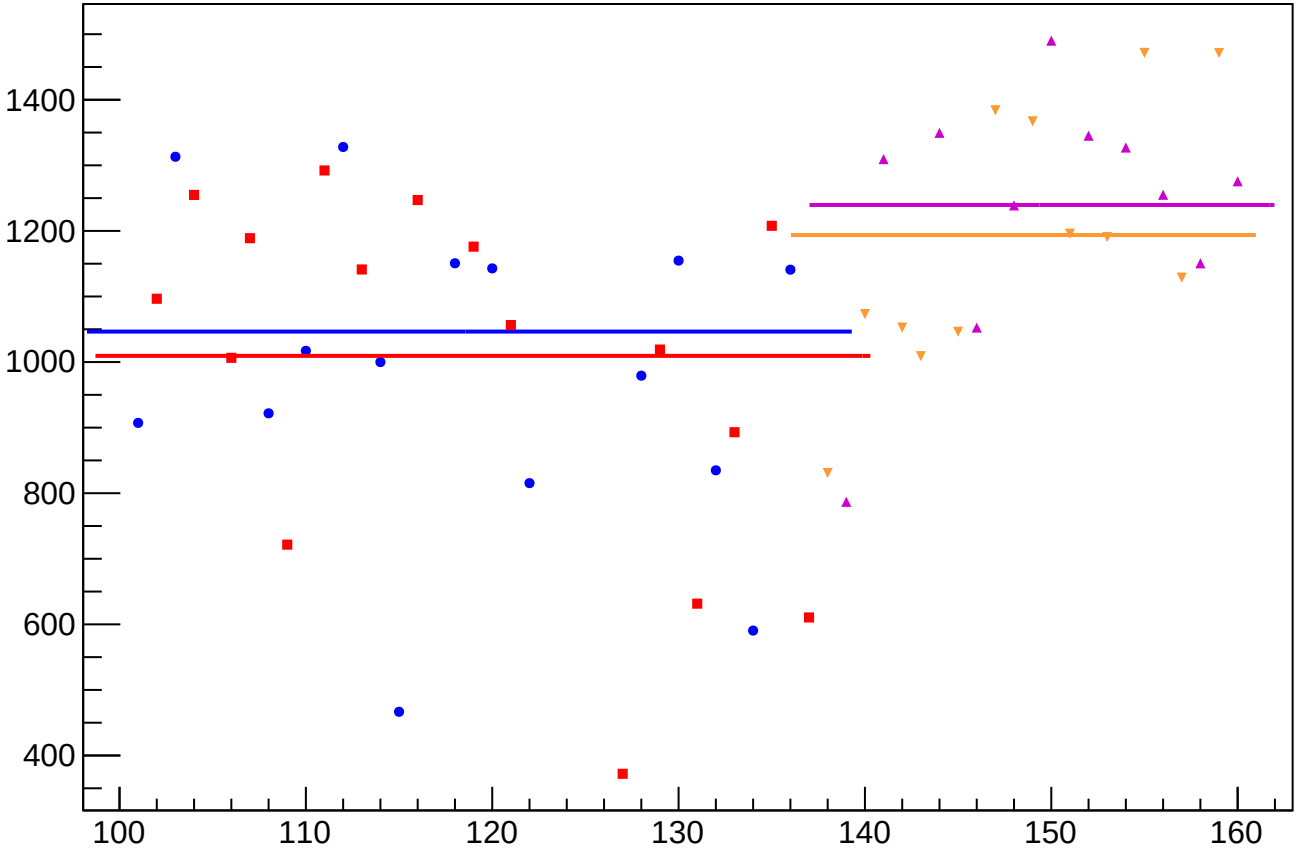
All: 2818.755+/-0.000 χ^2/NDF: 7140152506

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2886.485+/-0.000 χ^2/NDF: 51189384320628

Left In: 3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

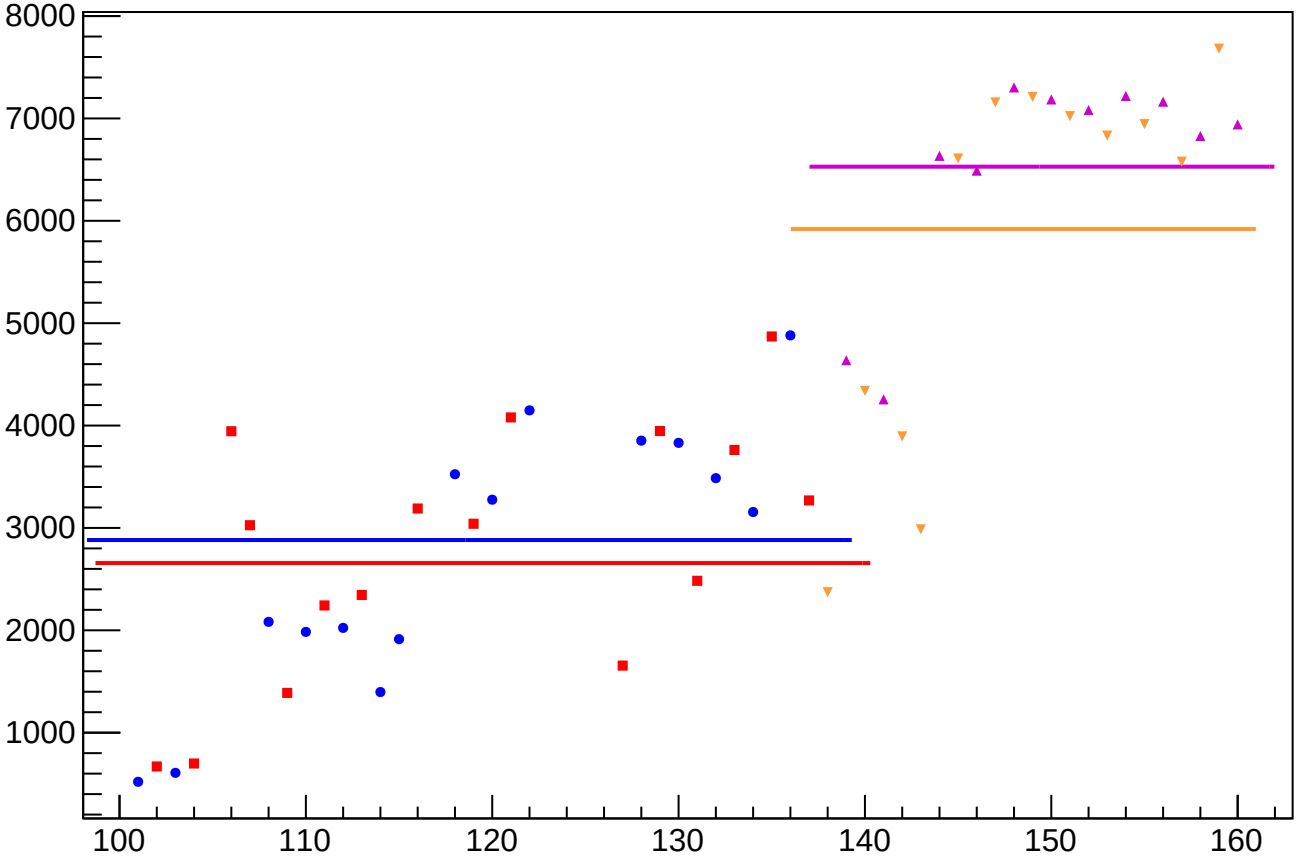
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 5919.511+/-0.000 χ^2/NDF:2779072700024845827027981240176985767936.0/11

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

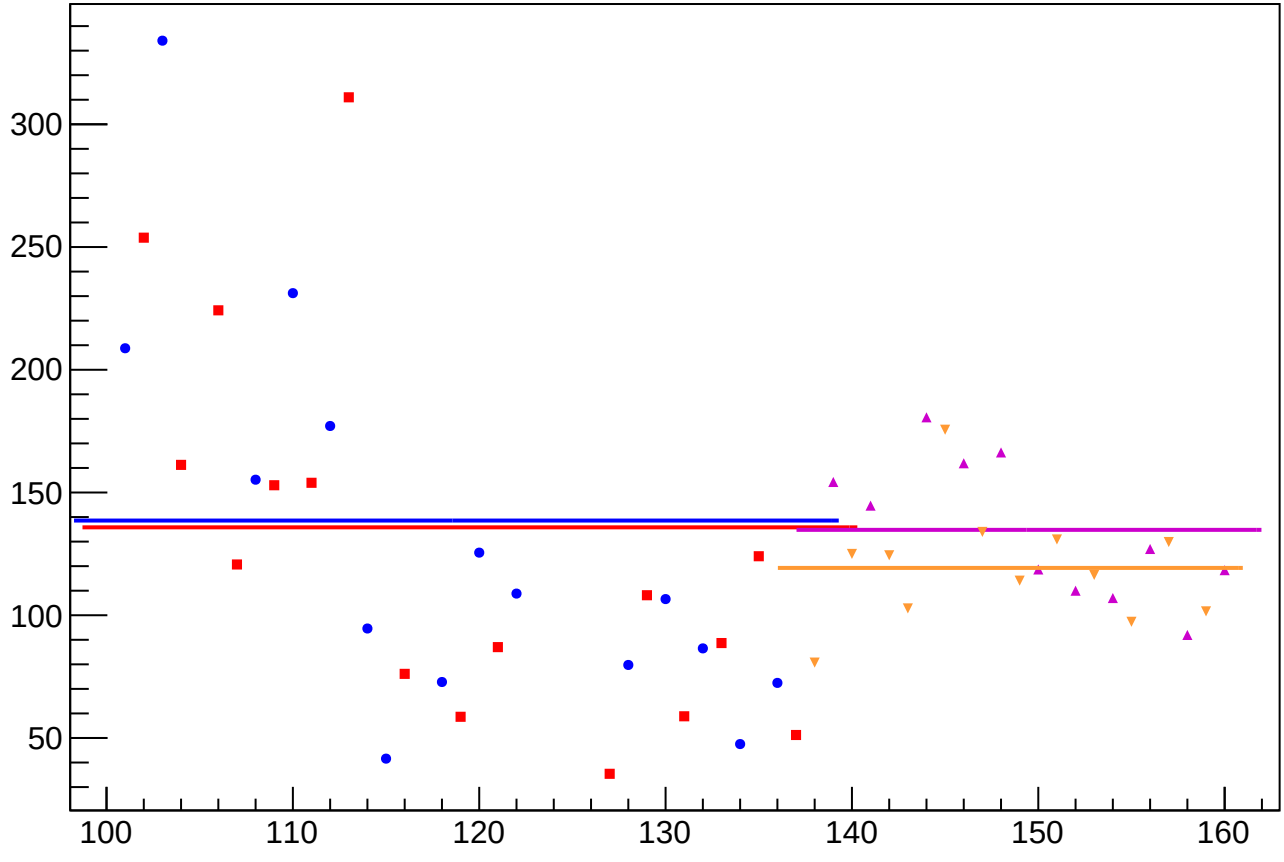
Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ sign 4658.227+/-0.000 χ^2/NDF: 7601149842913 6

All: 4782.966+/-0.000 χ^2/NDF: 1547458955 5

- sign 4905.510+/-0.000 χ^2/NDF: 7825227654718 7

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 127.294+/-0.000 χ^2/NDF: 487151185585046

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

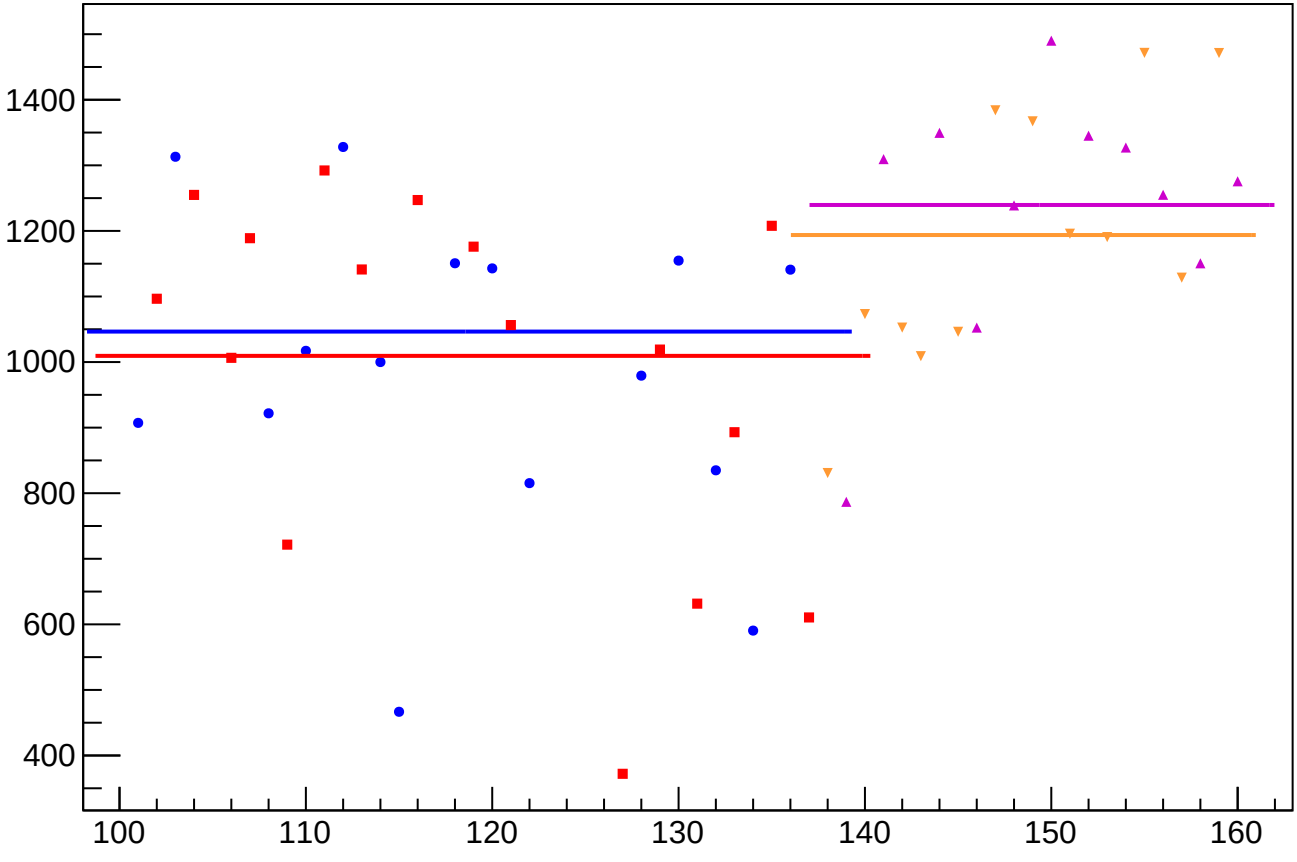
All: 131.289+/-0.000 χ^2/NDF: 95675897587 3

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

- sign 135.214+/-0.000 χ^2/NDF: 464661599123883

Left In: 134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

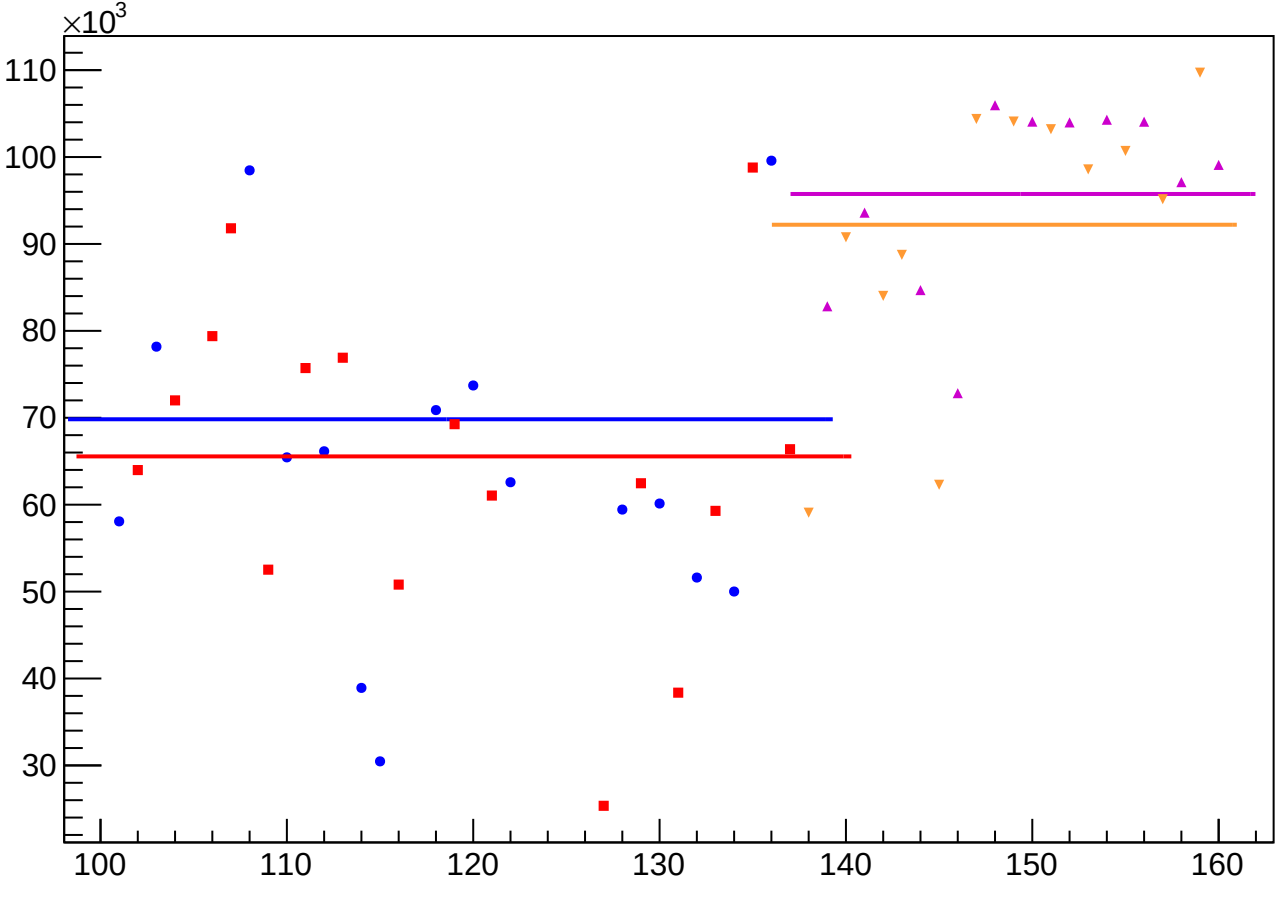
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 92210.698+/-0.000 χ^2/NDF:2265774766578075852020837676853602895790 08.0/11

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

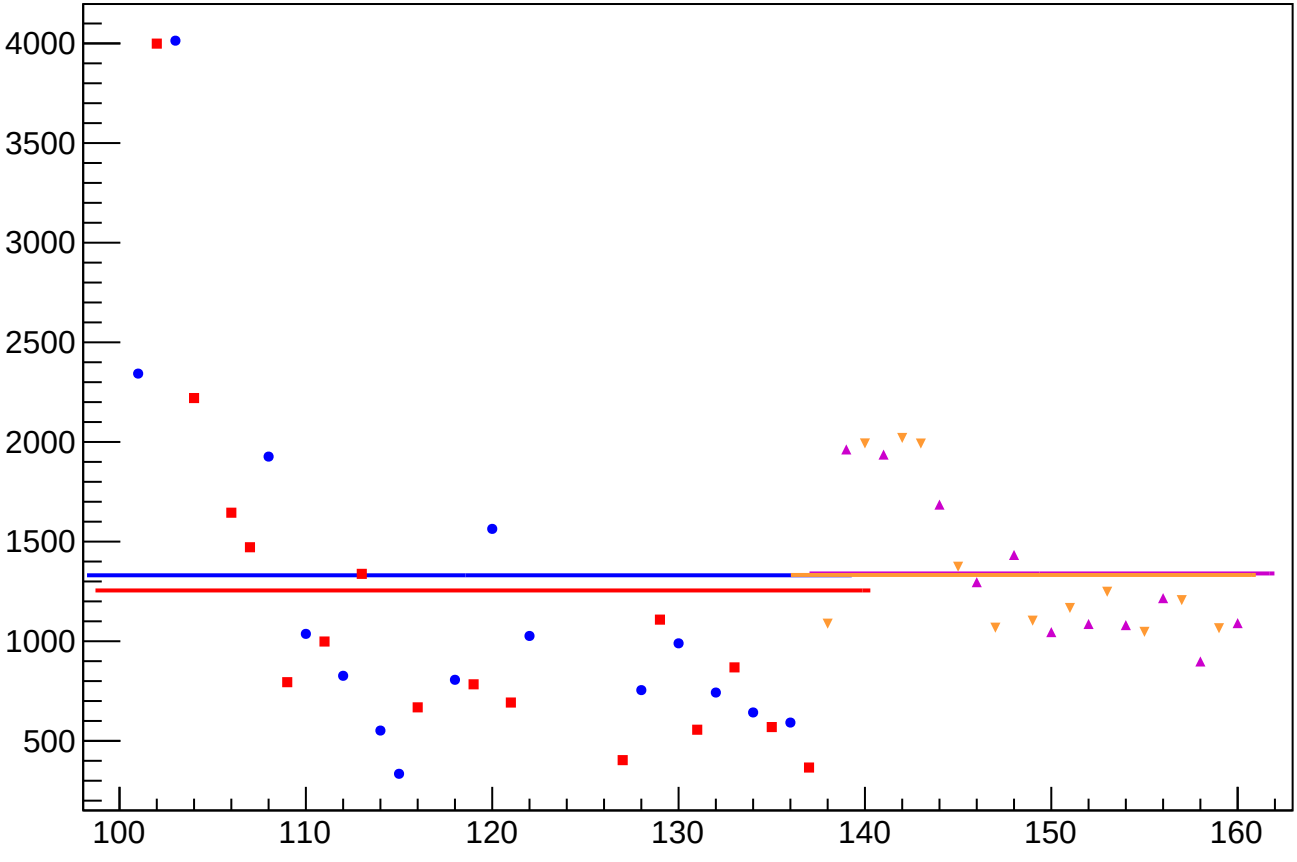
Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82916.711+/-0.000 χ^2/NDF: 6045168976255

All: 83004.616+/-0.000 χ^2/NDF: 1272083143

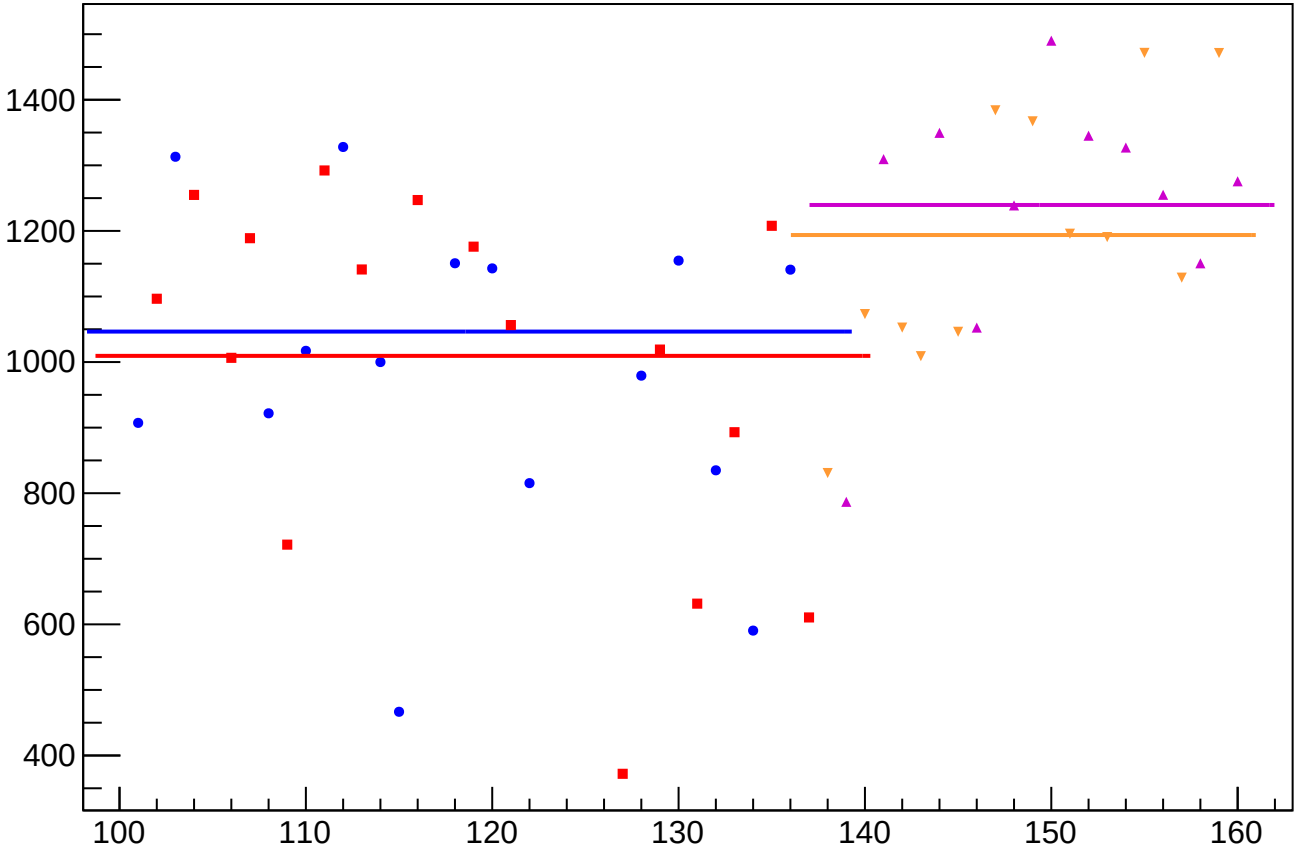
- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1331.958+/-0.000 χ^2/NDF: 7669711709446 3
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
All: 1318.066+/-0.000 χ^2/NDF: 1516733584 6
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1304.419+/-0.000 χ^2/NDF: 7491644636116 1
Left Out: 1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777 09312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

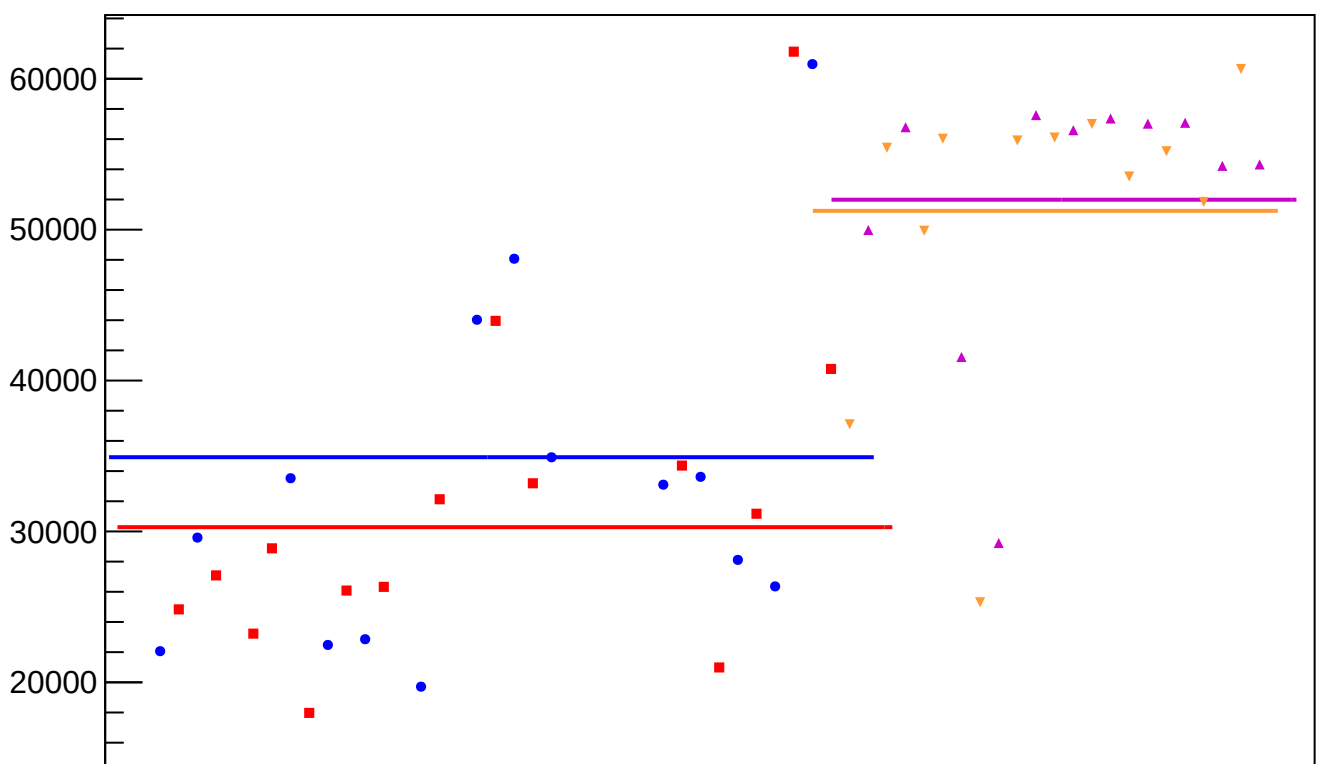
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

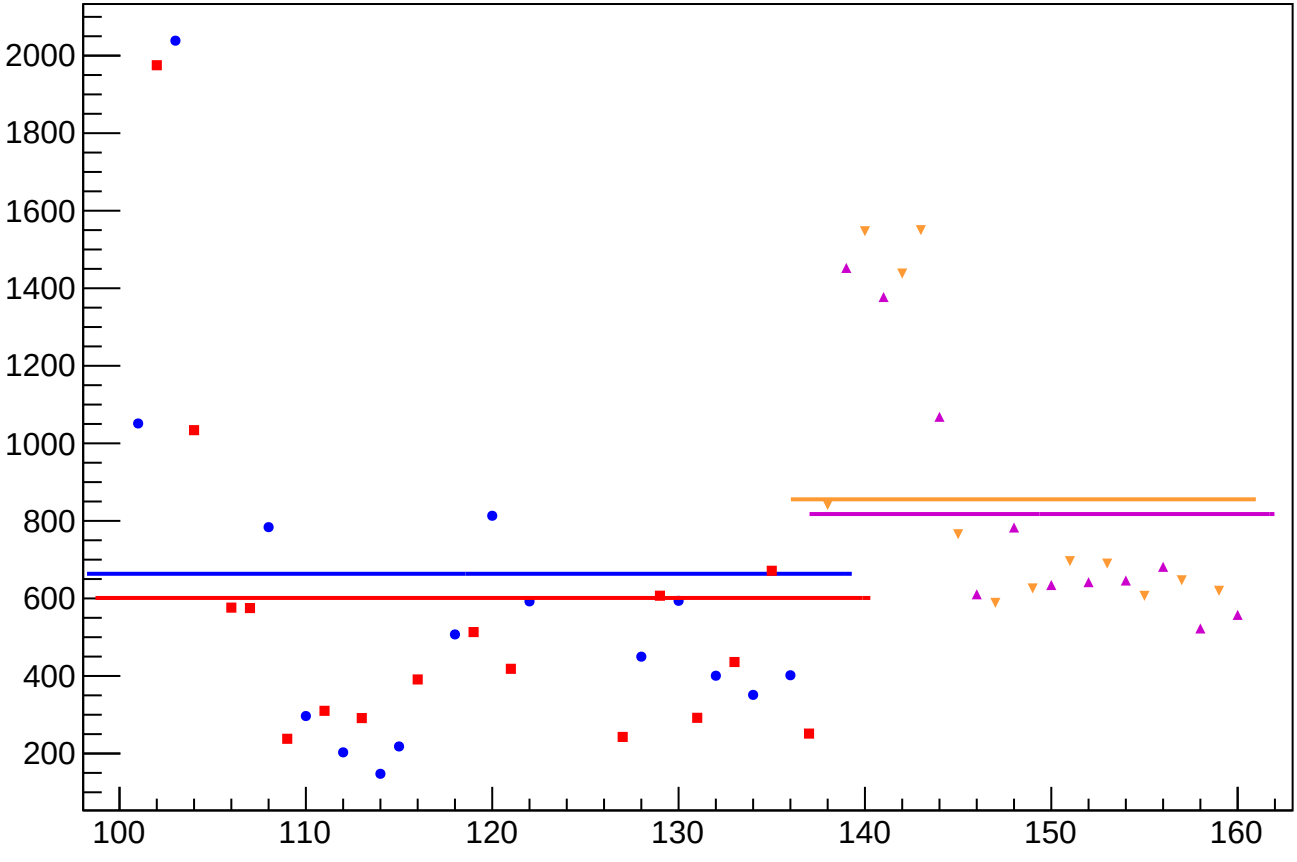
Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44467.216+/-0.000 χ^2/NDF: 2937224586407

All: 43669.971+/-0.000 χ^2/NDF: 6336704207

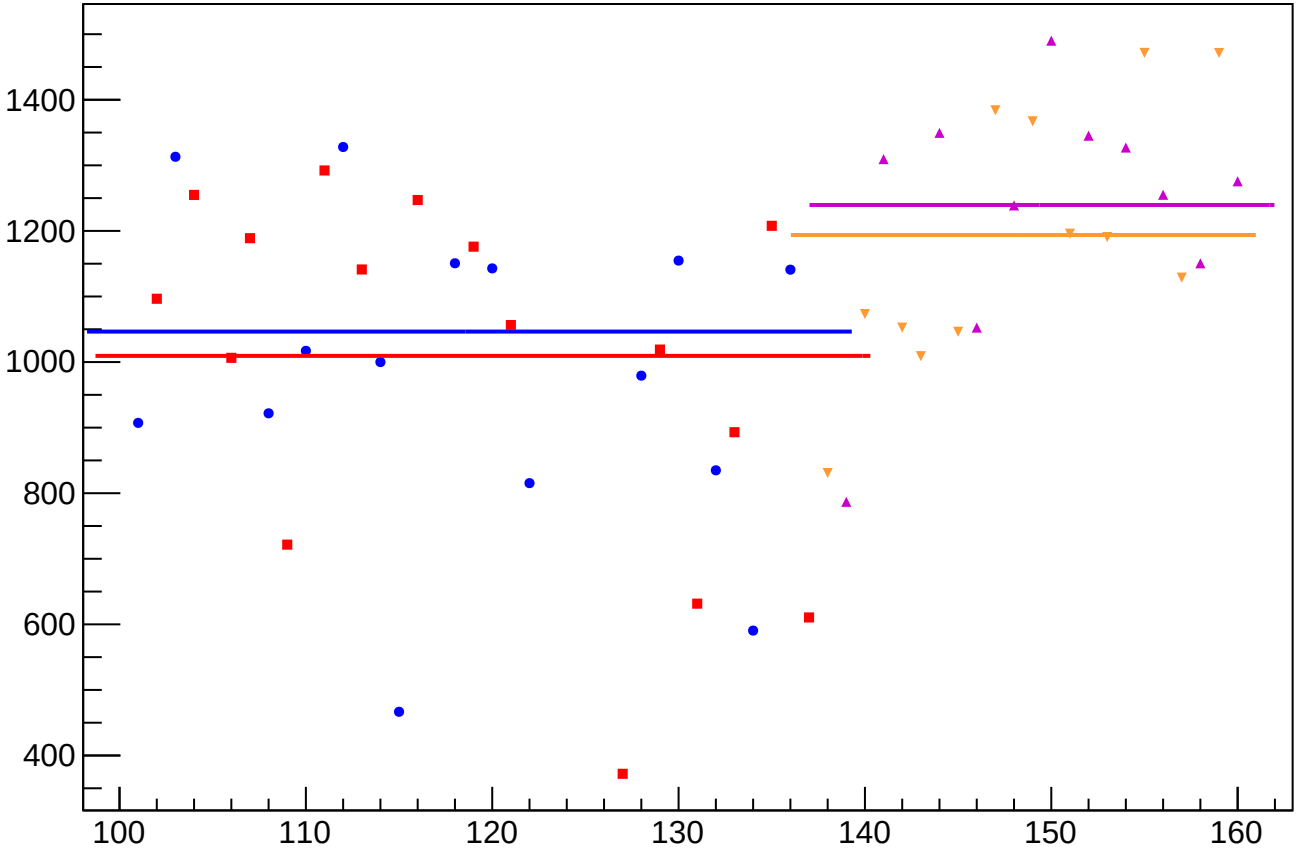
- sign 42886.756+/-0.000 χ^2/NDF: 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
+ sign 775.881+/-0.000 χ^2/NDF: 286585359117303
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
All: 751.182+/-0.000 χ^2/NDF: 54677004059 5
Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
- sign 726.918+/-0.000 χ^2/NDF: 258294460548114
Left Out: 817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

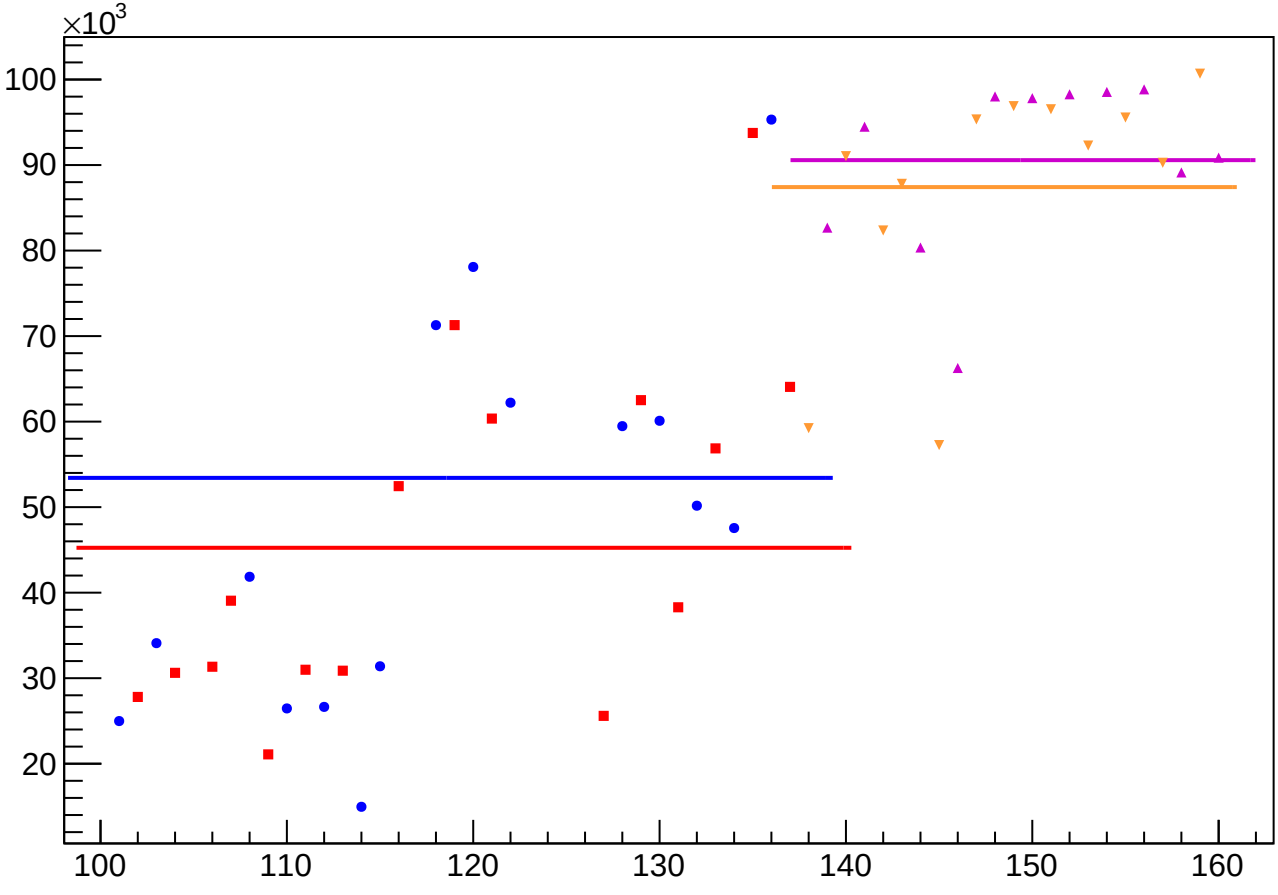
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 73304.445+/-0.000 χ^2/NDF: 9753549747664

Left Out: 87421.965+/-0.000 χ^2/NDF:1760094479339731722987658082695880743321 60.0/11

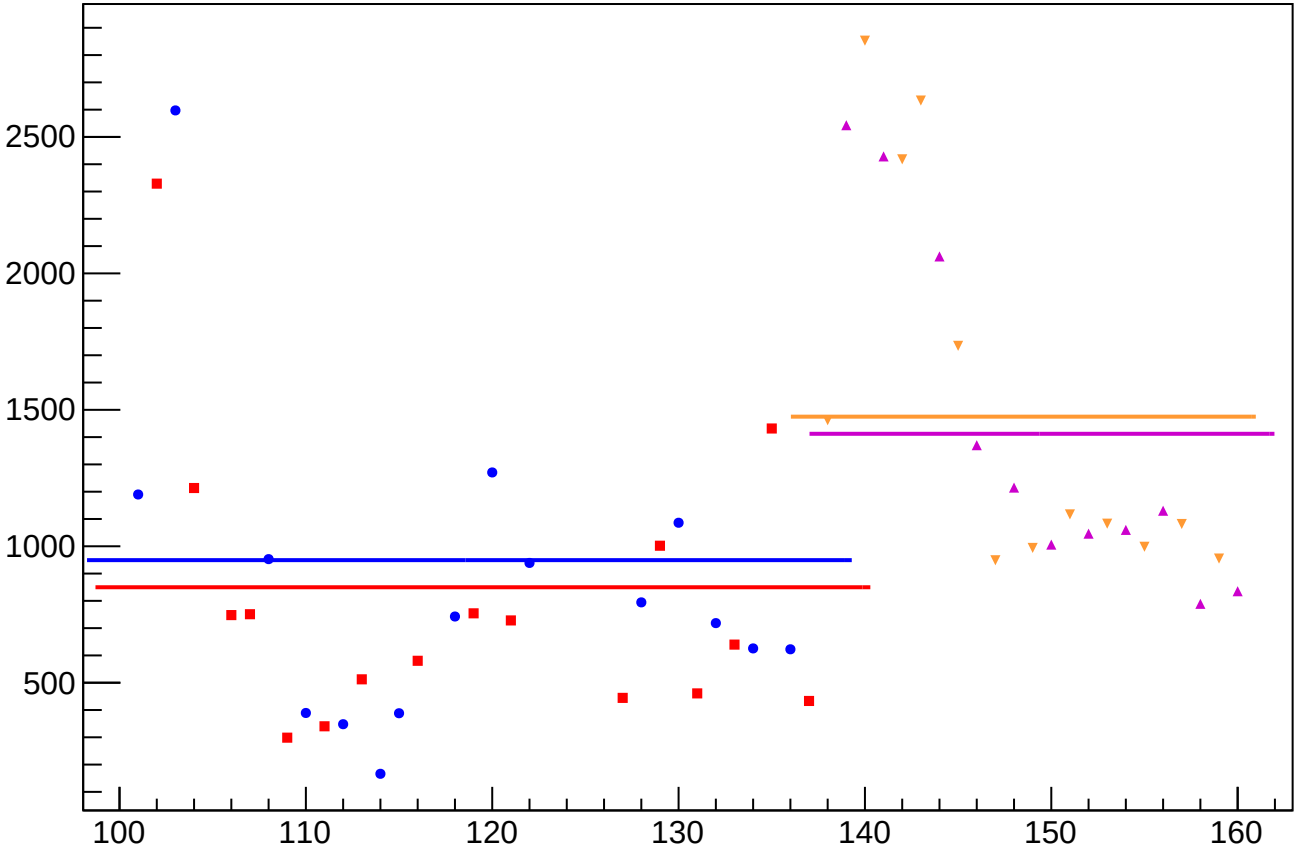
All: 72430.299+/-0.000 χ^2/NDF: 2150195804

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 71571.537+/-0.000 χ^2/NDF: 1172473175377

Left In: 90573.760+/-0.000 χ^2/NDF:9057408139435422159394926231240668558131 2.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1256.670+/-0.000 χ^2/NDF: 7383903586921 0

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

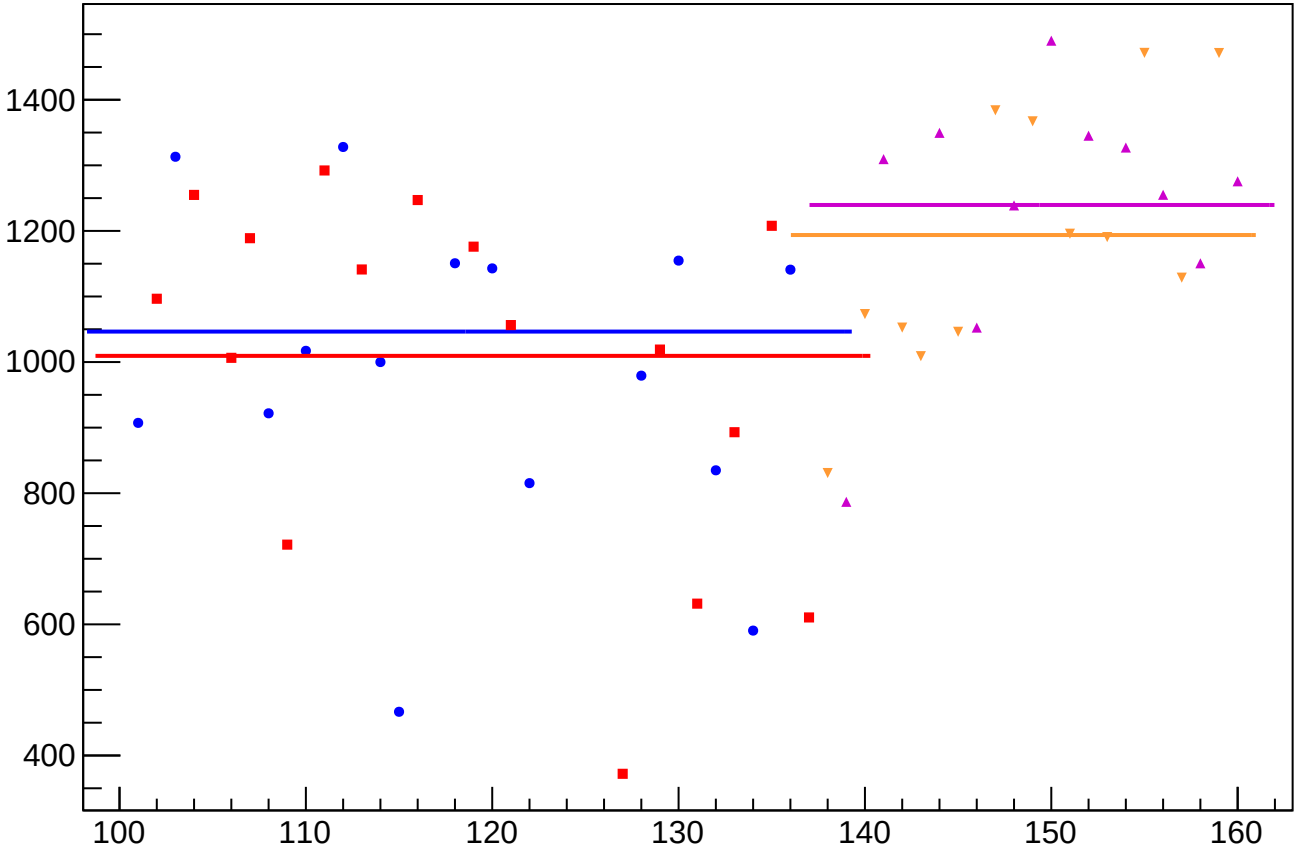
All: 1216.192+/-0.000 χ^2/NDF: 1403124317 1

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1176.426+/-0.000 χ^2/NDF: 6596572092346 2

Left In: 1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

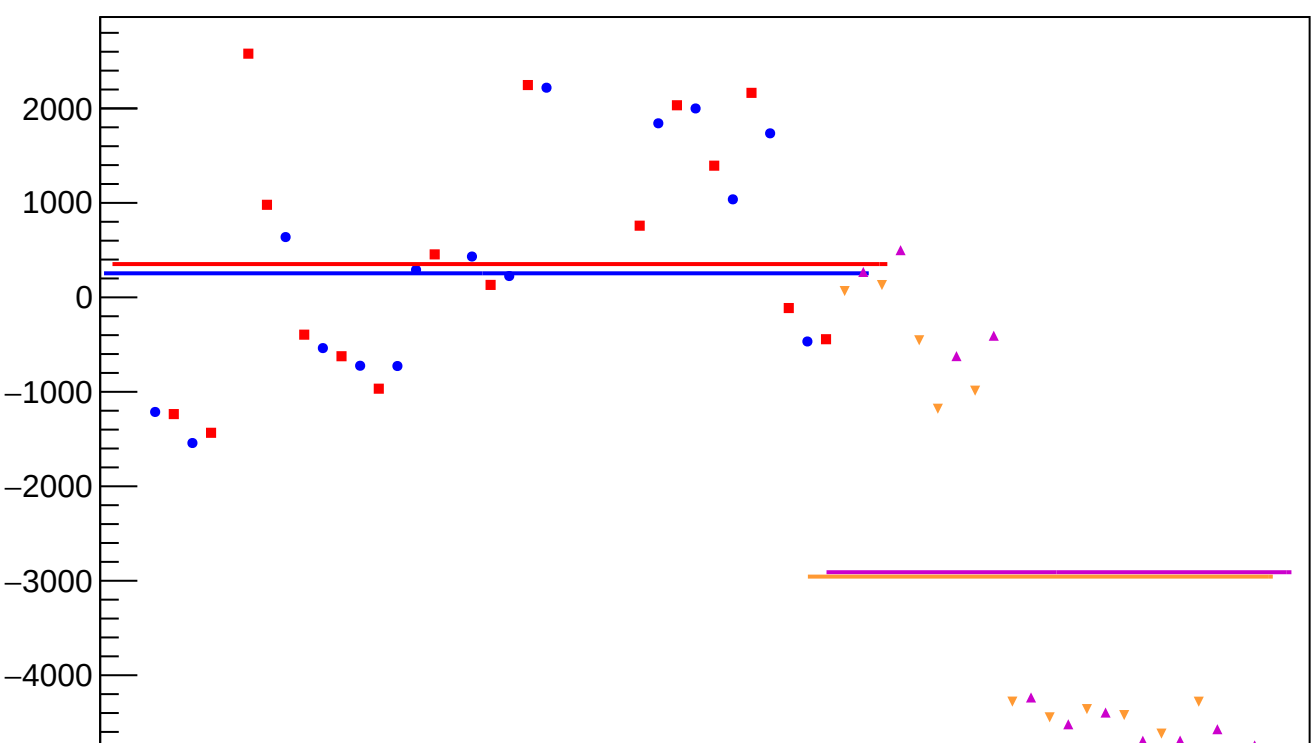
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

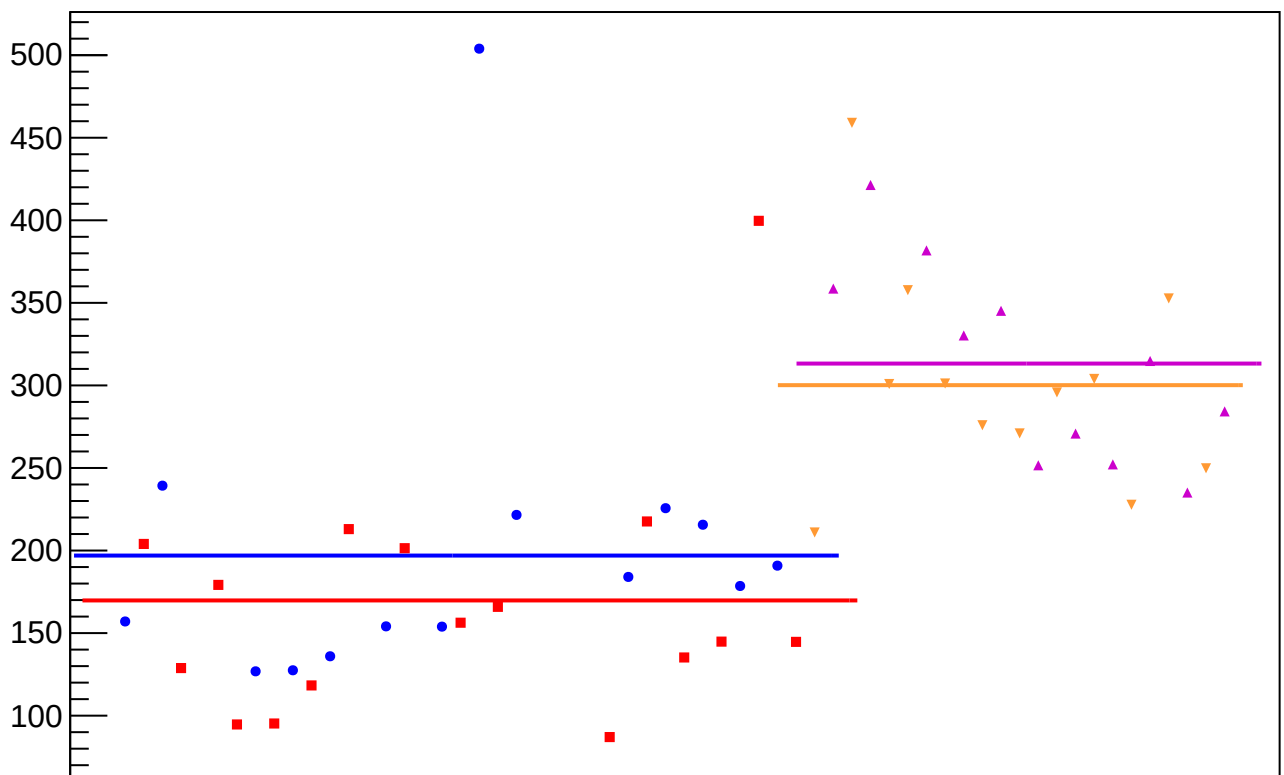
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1622.879+/-0.000 χ^2/NDF: 8598208756687
Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11
All: -1582.115+/-0.000 χ^2/NDF: 1820300419
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1542.068+/-0.000 χ^2/NDF: 9599646635049 9
Left In: -2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 300.154+/-0.000 χ^2/NDF:387302142868535294113705344869020467 2.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

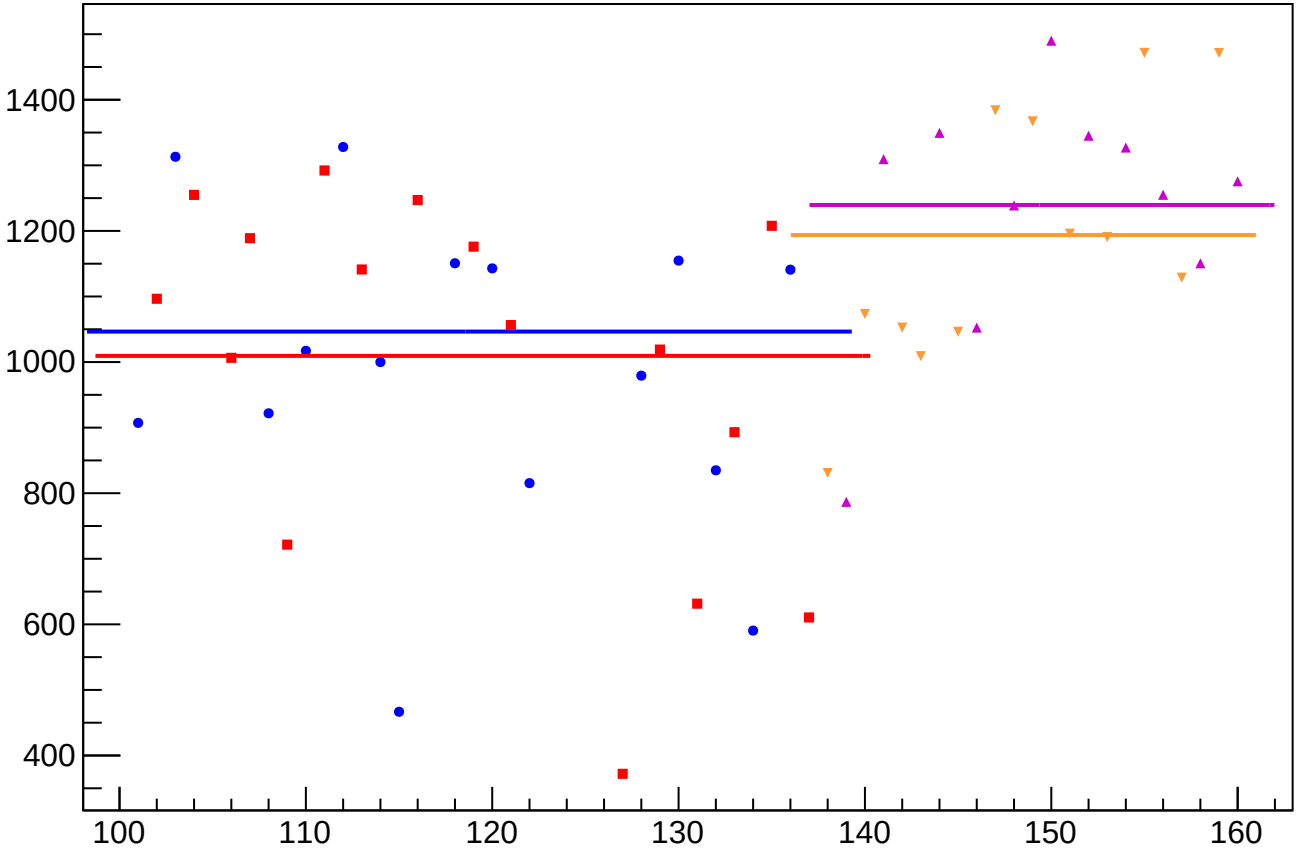
Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ sign 257.303+/-0.000 χ^2/NDF: 1240007740198 19

All: 255.177+/-0.000 χ^2/NDF: 2735697932 25

- sign 253.089+/-0.000 χ^2/NDF: 1494290075336 01

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

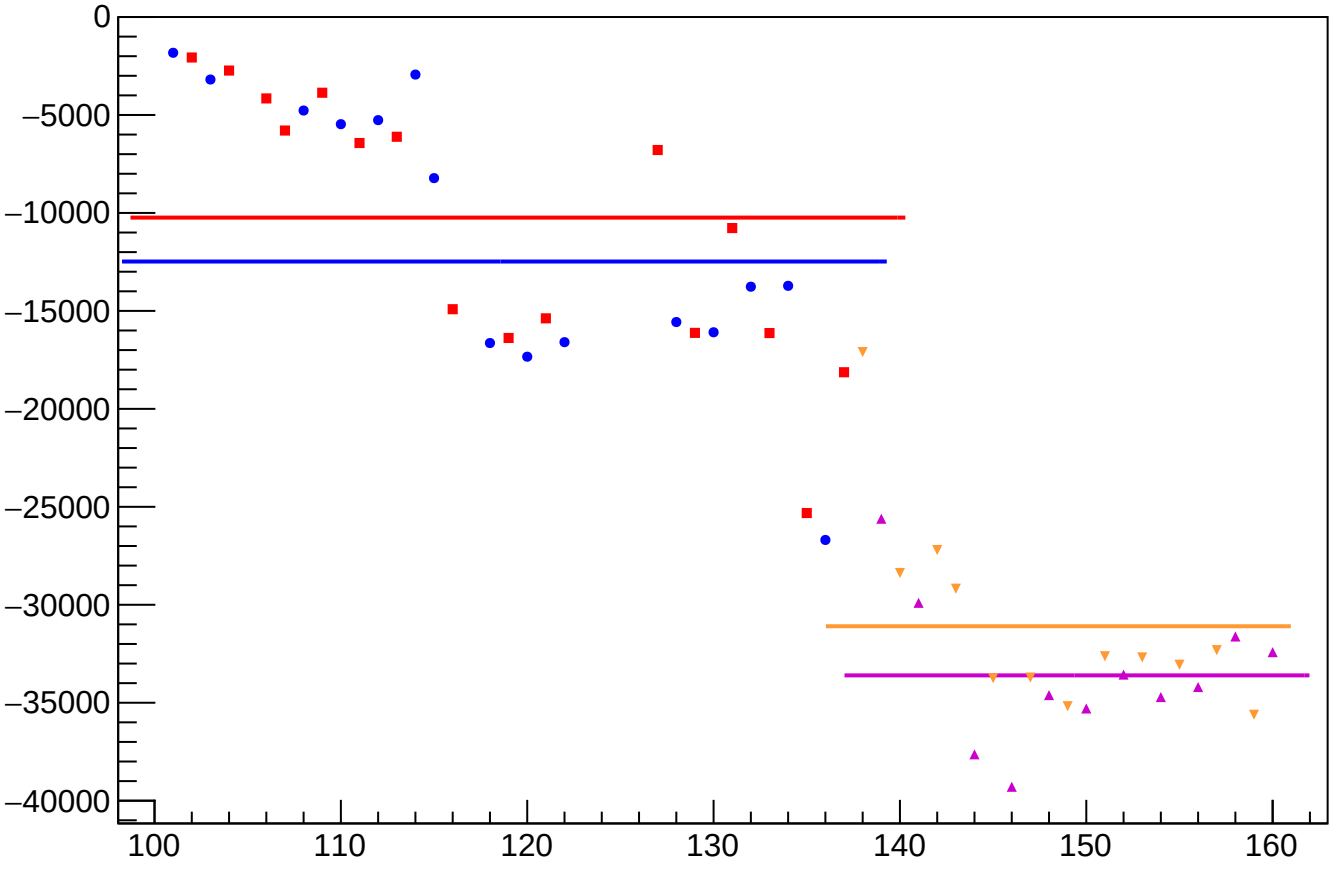
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -23366.201+/-0.000 χ^2/NDF: 194472008437

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

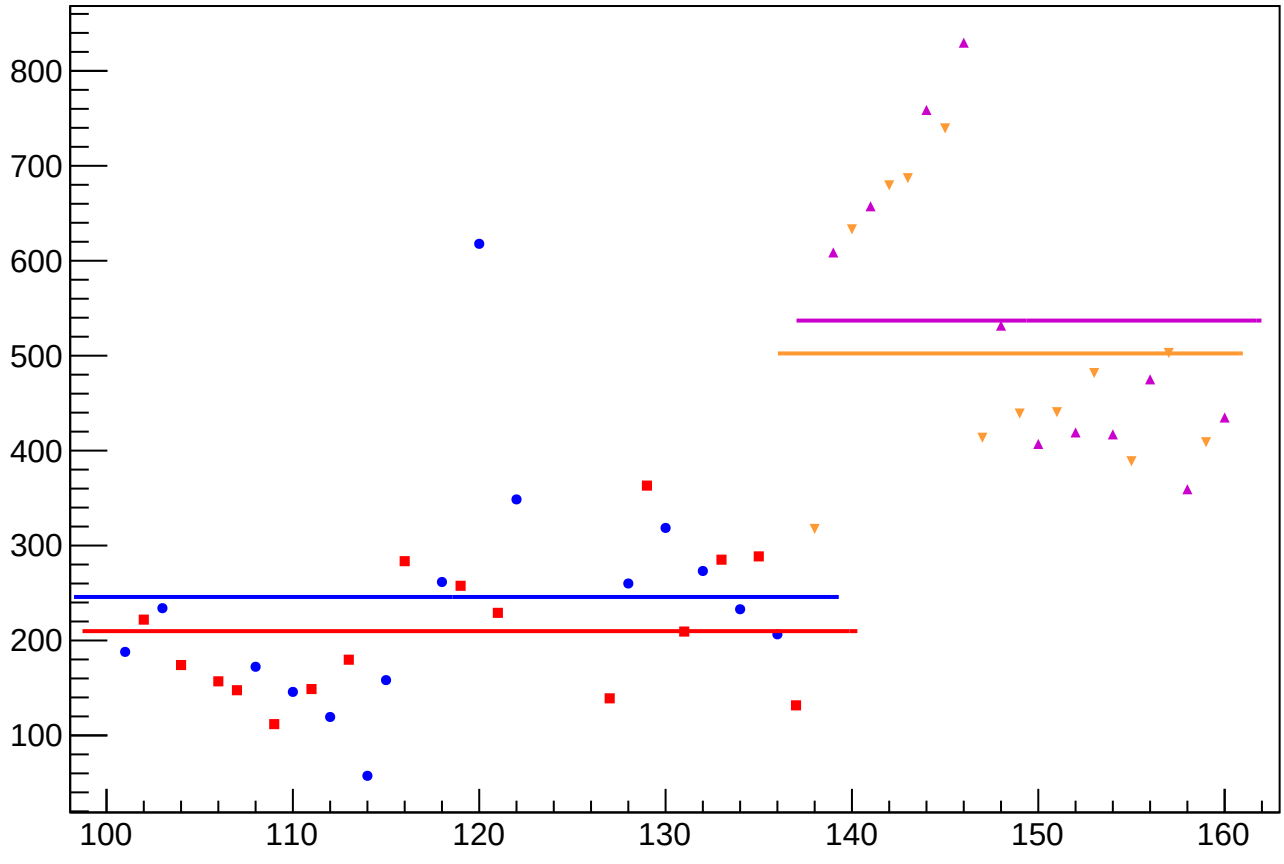
All: -23588.925+/-0.000 χ^2/NDF: 448707023

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -23807.730+/-0.000 χ^2/NDF: 254081310517 5

Left In: -33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

dit_sam6_coil1_err_mean vs Slug



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

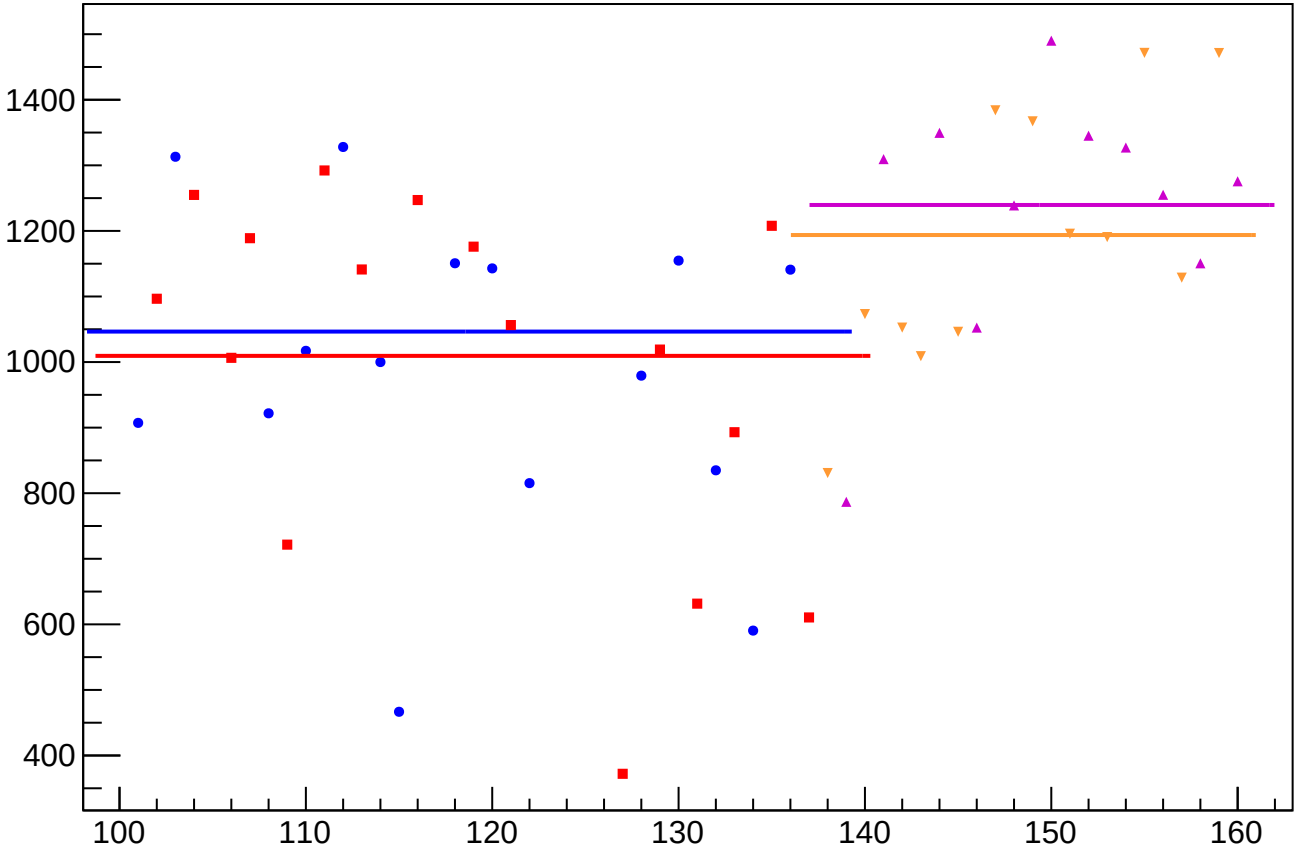
Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ sign 395.846+/-0.000 χ^2/NDF: 479955291741577

All: 397.856+/-0.000 χ^2/NDF: 11339404452

- sign 399.831+/-0.000 χ^2/NDF: 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

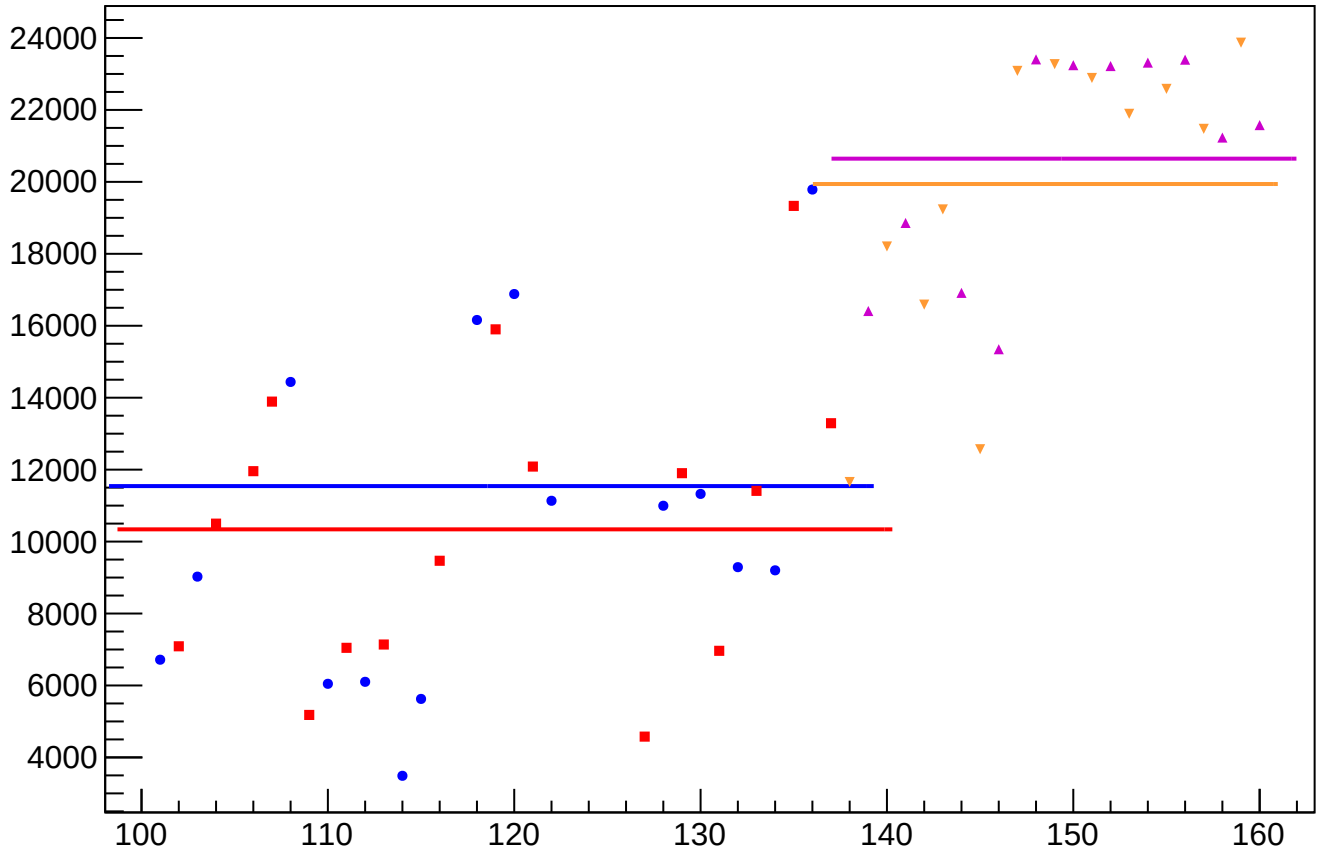
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

+ sign 16453.470+/-0.000 χ^2/NDF: 5606673689556

Left Out: 19940.398+/-0.000 χ^2/NDF:1506948674334586650686865800840029300326 4.0/11

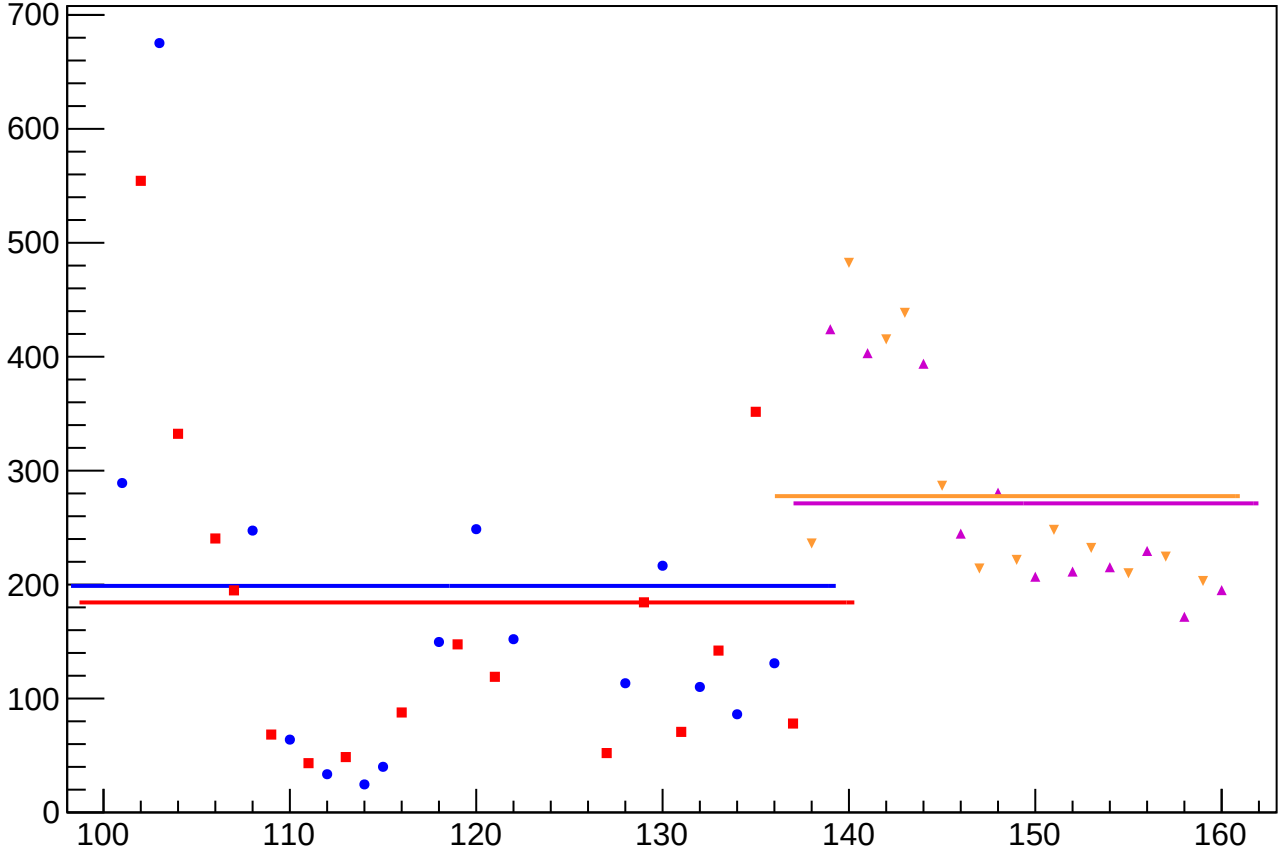
All: 16388.663+/-0.000 χ^2/NDF: 1169361701

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

- sign 16324.997+/-0.000 χ^2/NDF: 6085641974902

Left In: 20645.358+/-0.000 χ^2/NDF:8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14

Left Out: 277.638+/-0.000 χ^2/NDF:8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

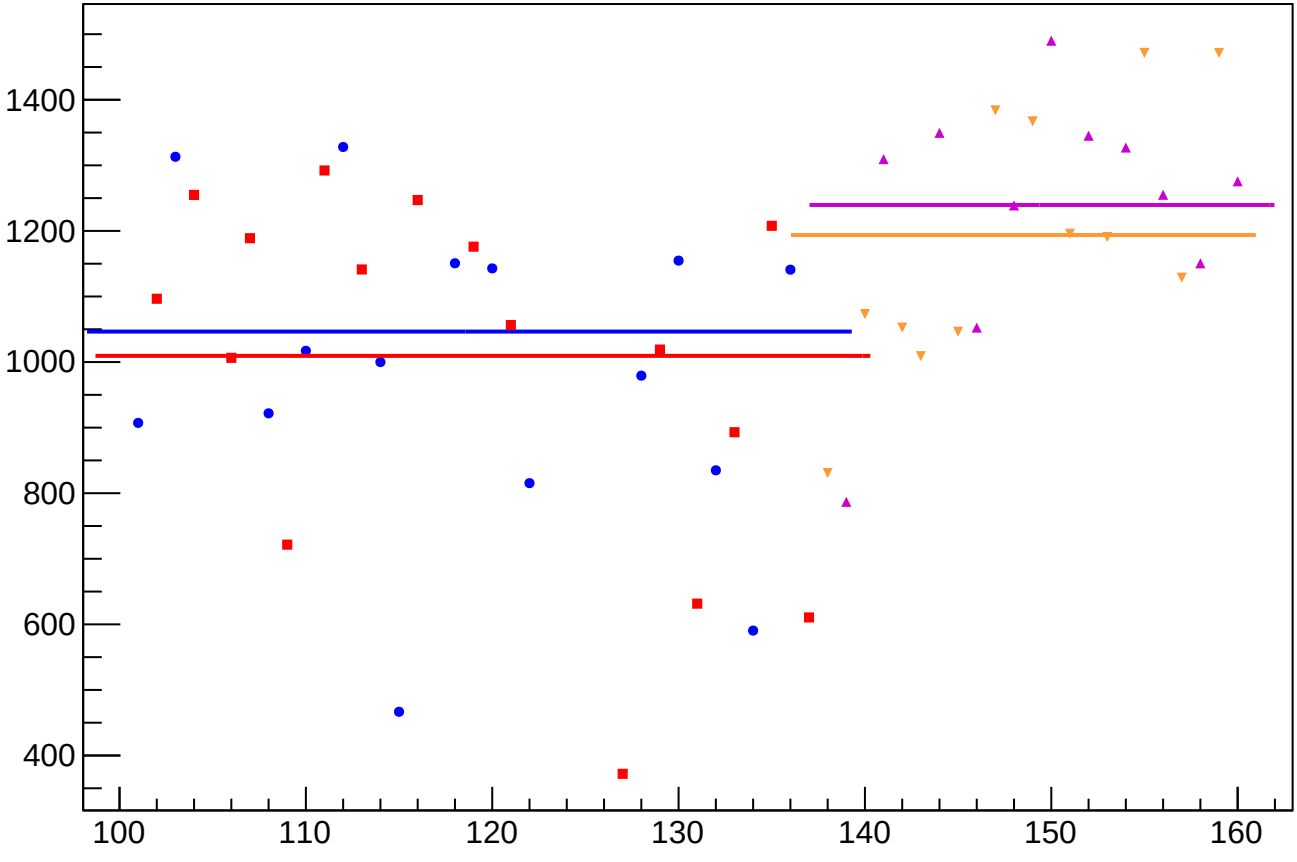
Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF: 28728439795092 7

All: 239.833+/-0.000 χ^2/NDF: 5377808377 00

- sign 234.833+/-0.000 χ^2/NDF: 24969382199818 6

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

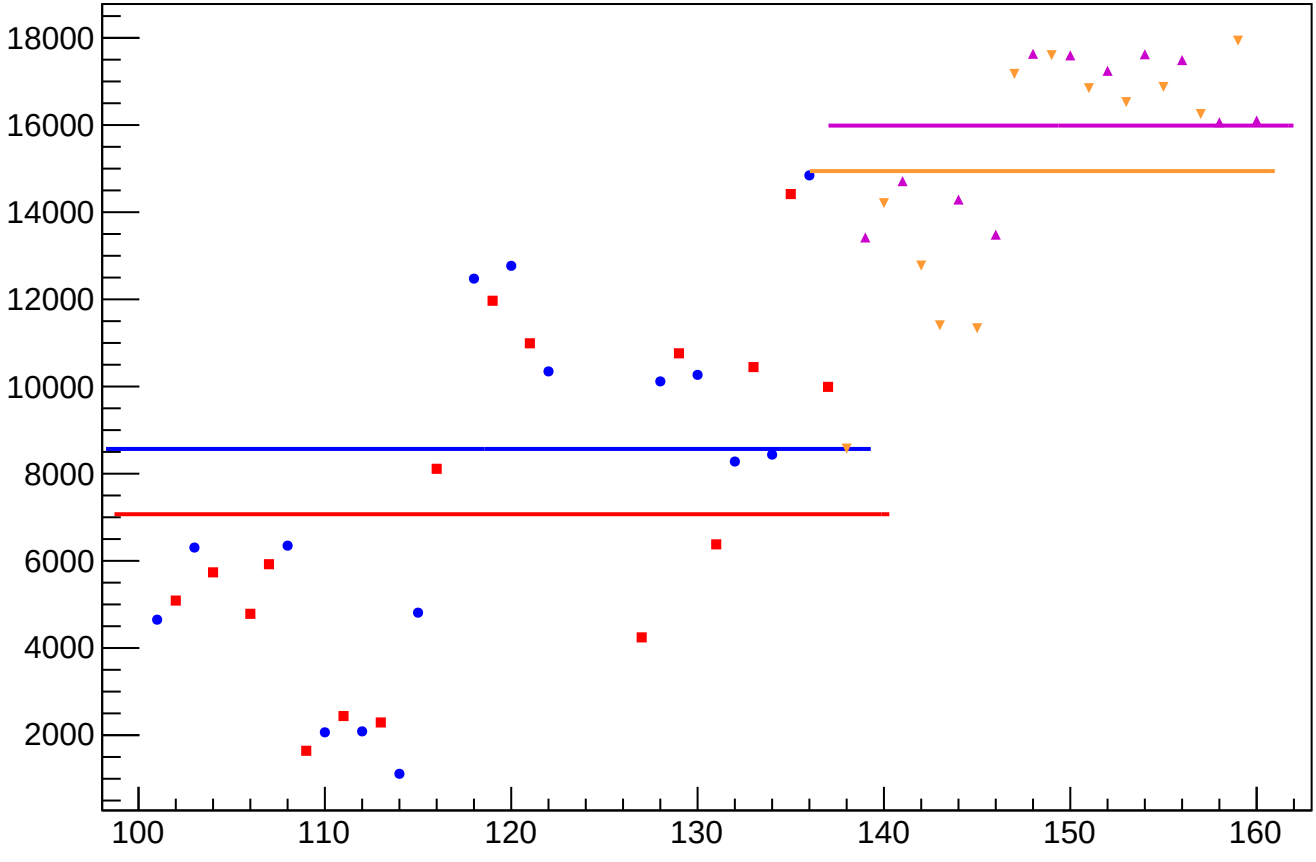
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12296.165+/-0.000 χ^2/NDF: 3443417214700

Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11

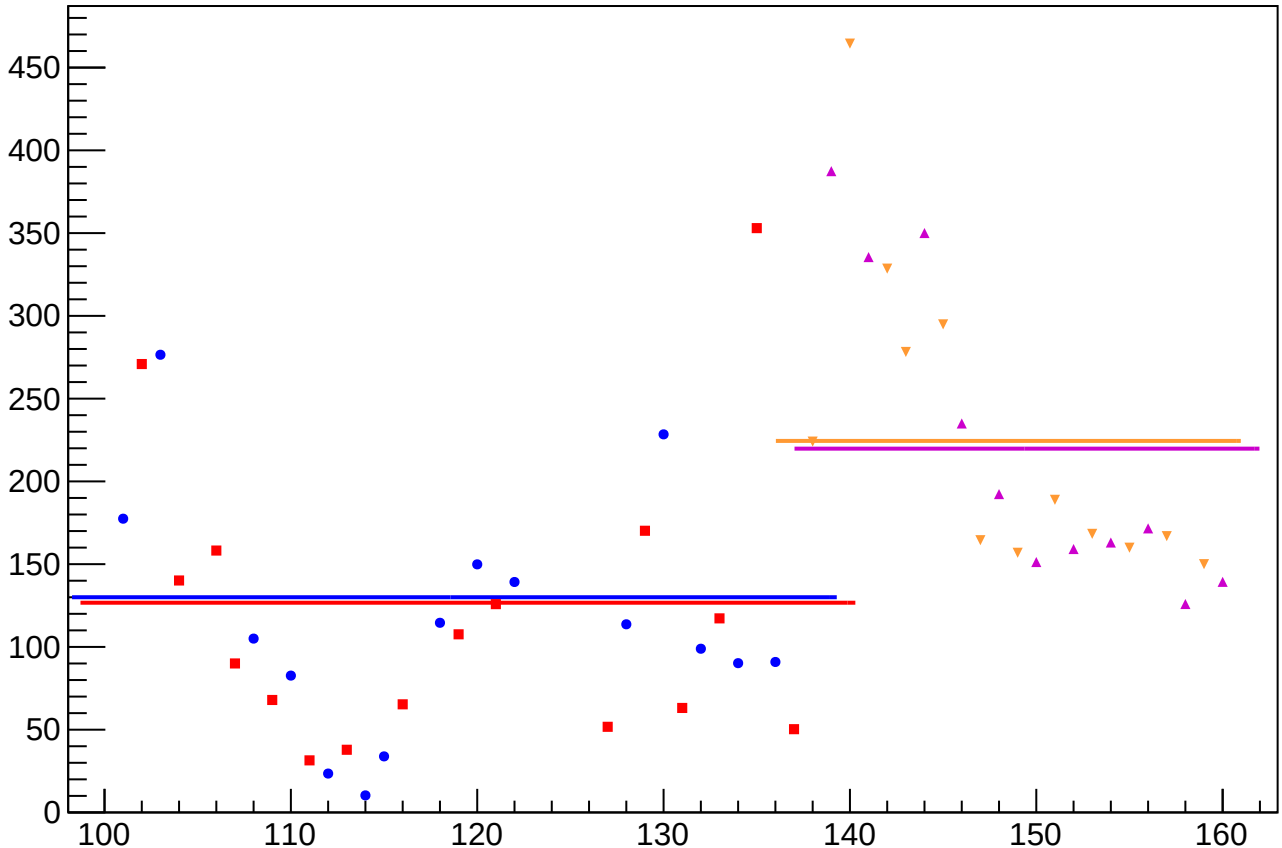
All: 12272.324+/-0.000 χ^2/NDF: 7778802513

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 12248.903+/-0.000 χ^2/NDF: 4335209183534

Left In: 15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

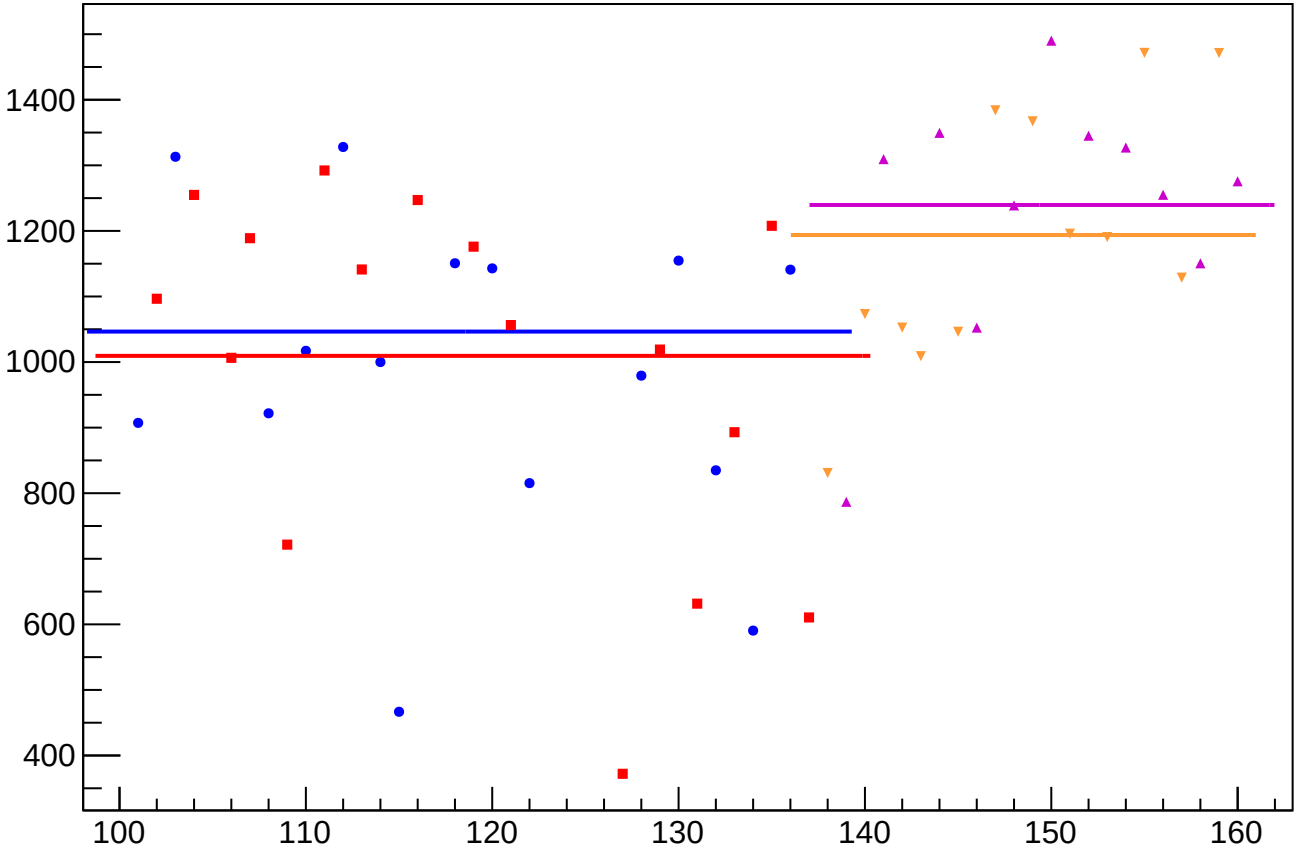
Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF: 143703436446713

All: 182.985+/-0.000 χ^2/NDF: 30557896618

- sign 180.765+/-0.000 χ^2/NDF: 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

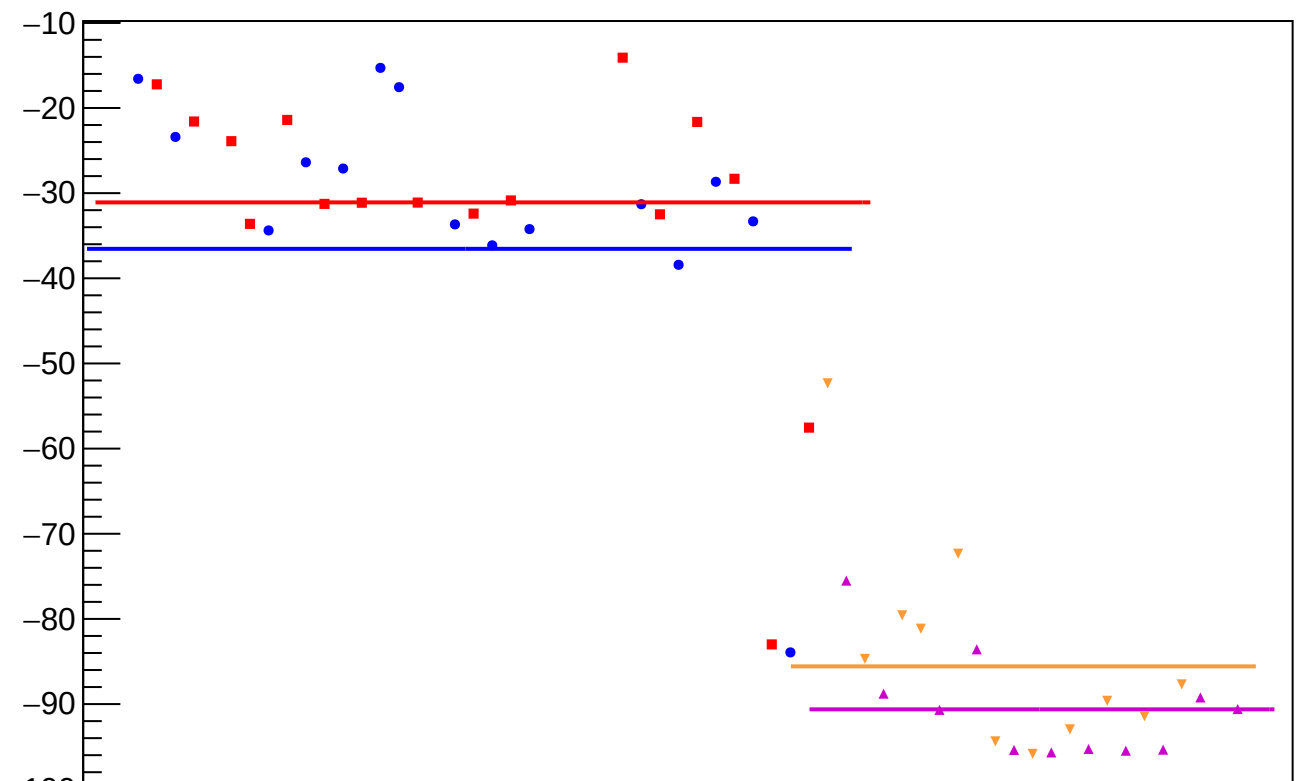
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

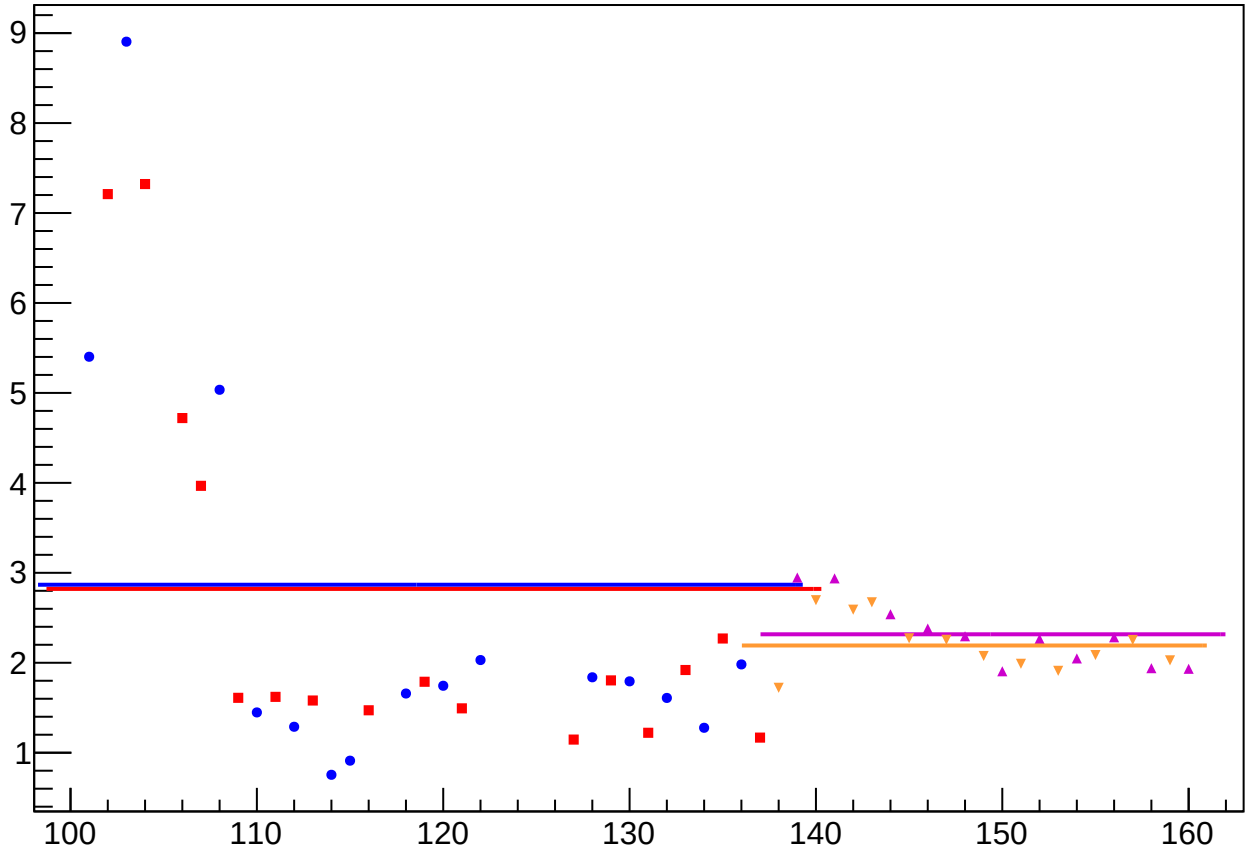
Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ sign -65.212+/-0.000 χ^2/NDF: 131026728865009

All: -65.438+/-0.000 χ^2/NDF: 289770508585

- sign -65.660+/-0.000 χ^2/NDF: 1587279434769043

dit_4aX_coil3_err_mean vs Slug



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

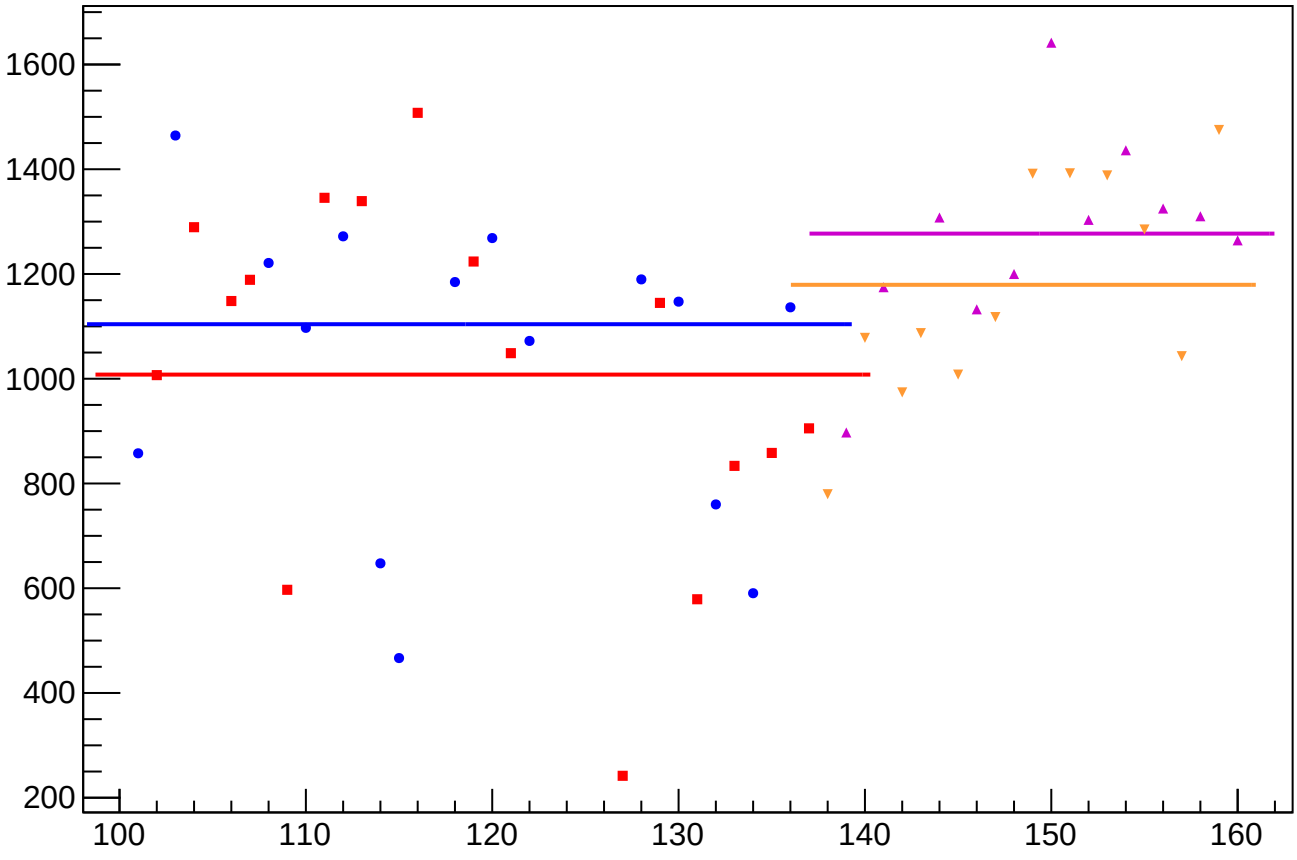
Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ sign 2.472+/-0.000 χ^2/NDF: 3704648684810753 4

All: 2.501+/-0.000 χ^2/NDF: 6972966397361 3

- sign 2.528+/-0.000 χ^2/NDF: 3265884582788506 2

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

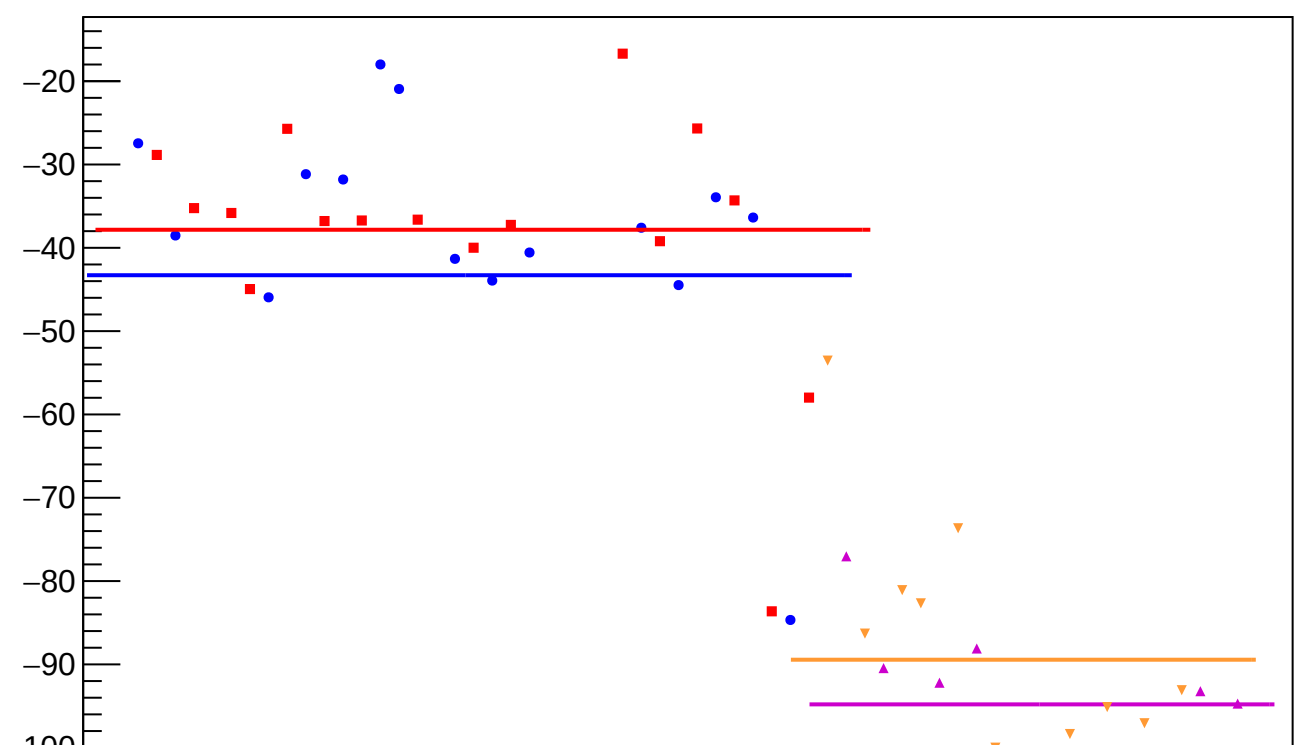
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -89.439+/-0.000 χ^2/NDF:1811199629856908411387884279724769 28.0/11

Right Out: -37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

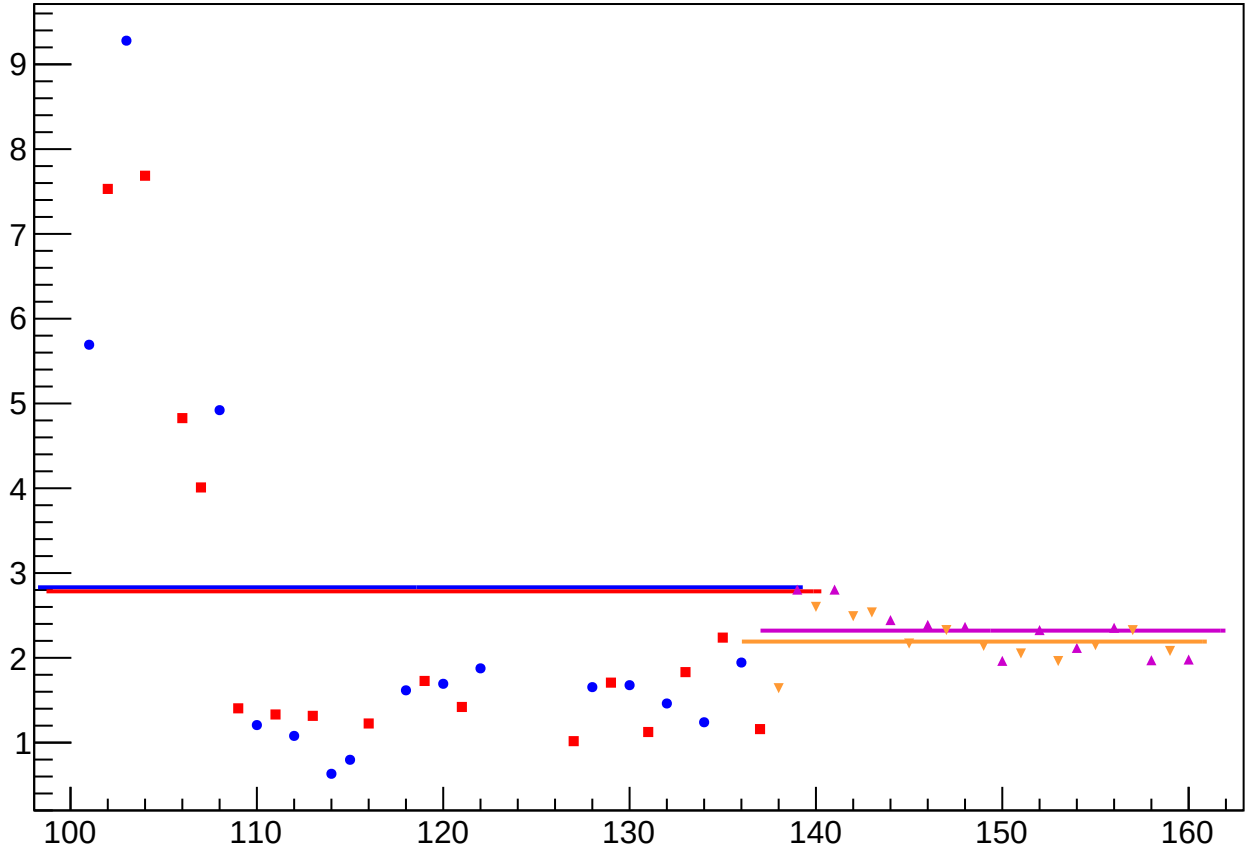
Left In: -94.799+/-0.000 χ^2/NDF:4907705003261100698215696807493632 0.0/10

+ sign -70.276+/-0.000 χ^2/NDF: 118874483717720

All: -70.599+/-0.000 χ^2/NDF: 264393332090

- sign -70.917+/-0.000 χ^2/NDF: 1454865139874700

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.458+/-0.000 χ^2/NDF: 41727539916182850

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

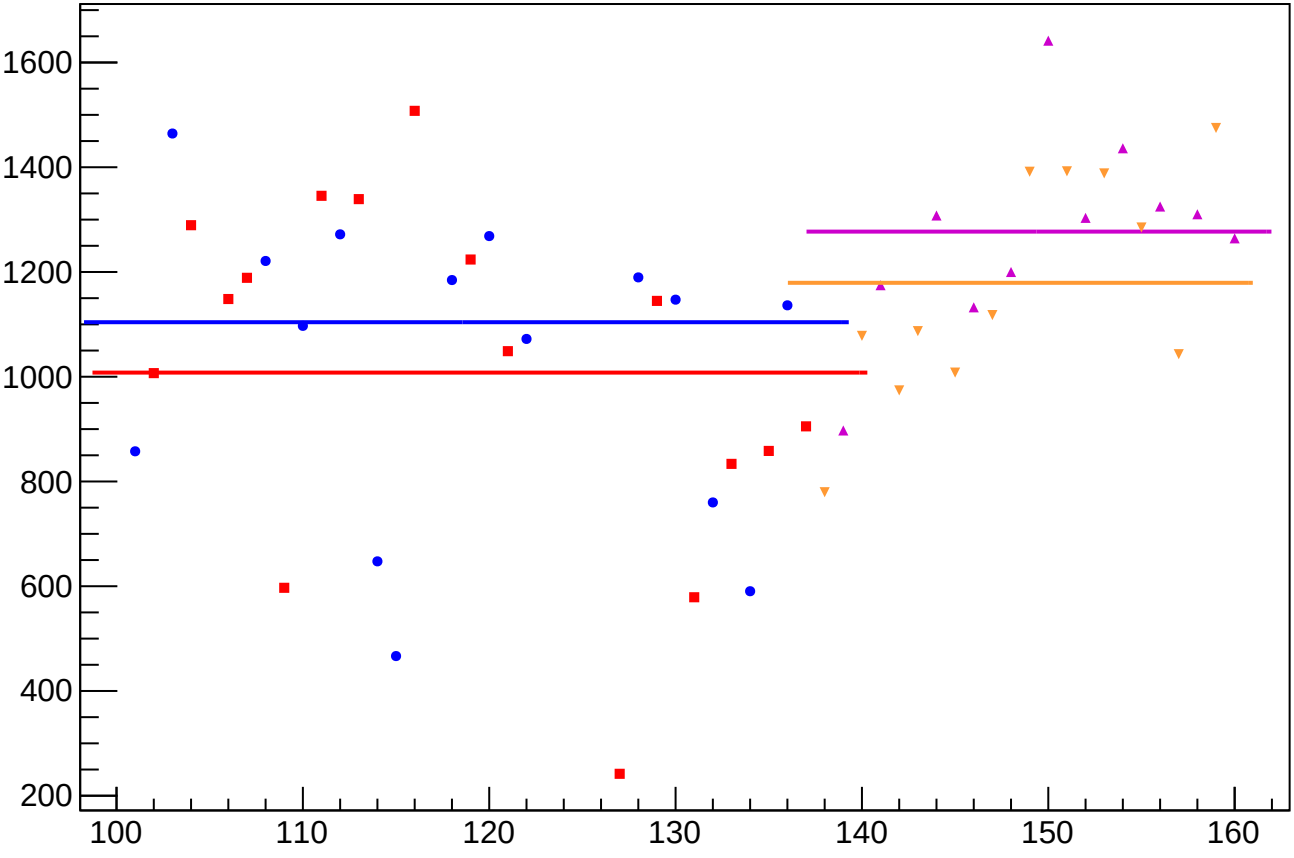
All: 2.487+/-0.000 χ^2/NDF: 7922695447655 6

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.515+/-0.000 χ^2/NDF: 37473289103826657

Left In: 2.321+/-0.000 χ^2/NDF:7461912322461632454440450523136 0.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

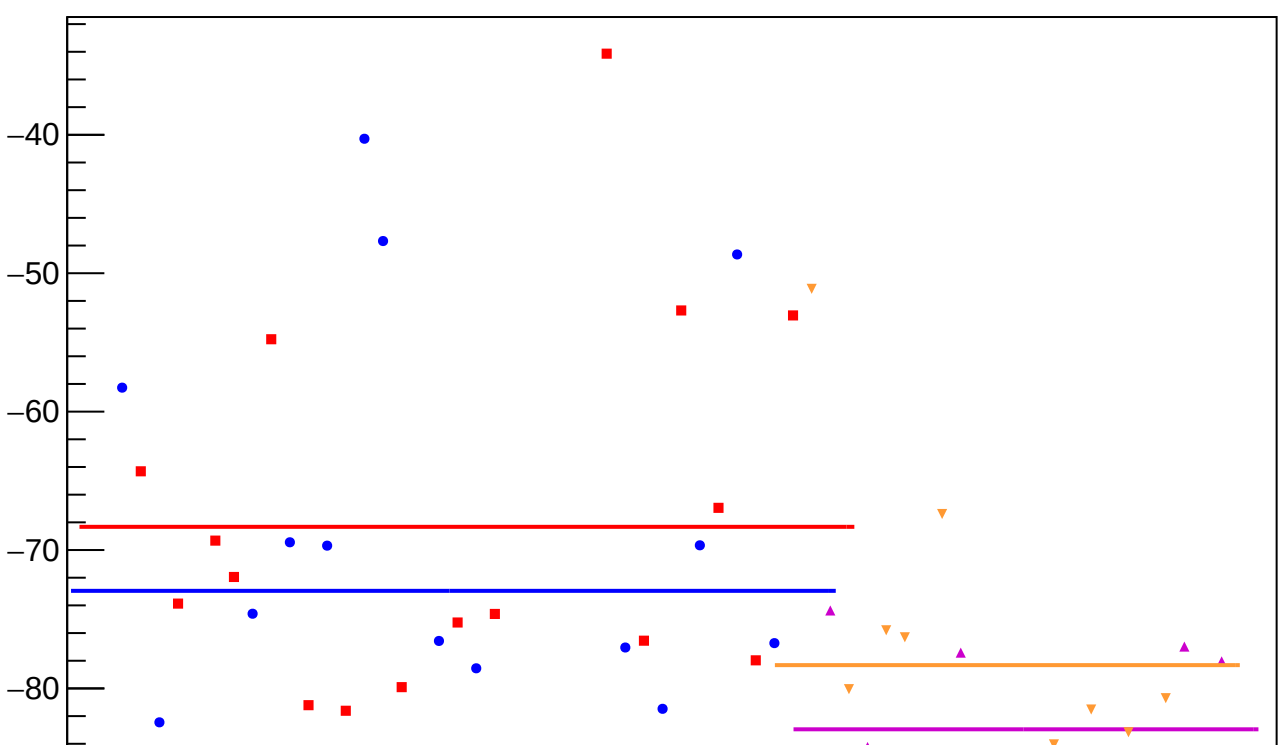
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

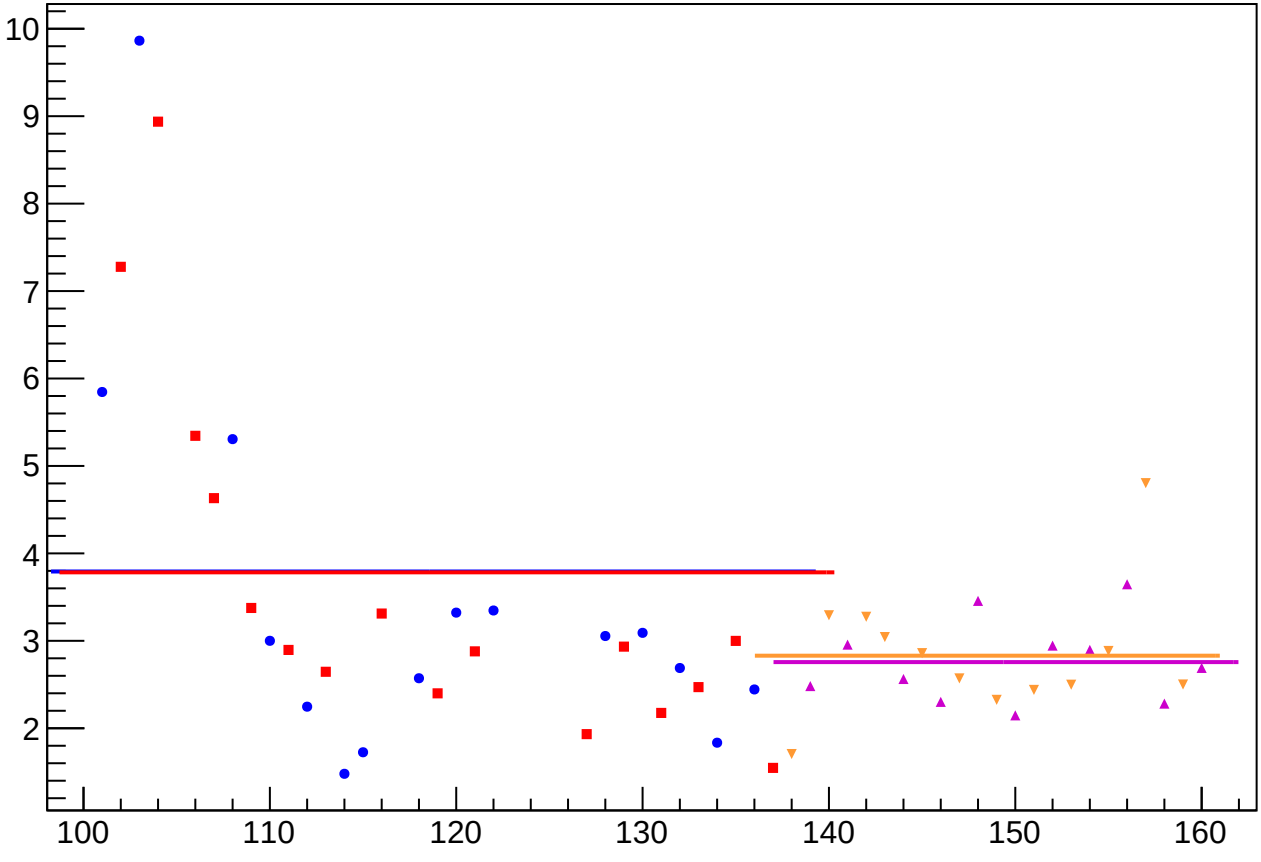
Left In: -82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

+ sign -76.088+/-0.000 χ^2/NDF: 163548804335171

All: -76.457+/-0.000 χ^2/NDF: 374001309343

- sign -76.820+/-0.000 χ^2/NDF: 210029328717765 7

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Left Out: 2.830+/-0.000 χ^2/NDF:4927490260288389079478296211619 84.0/11

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

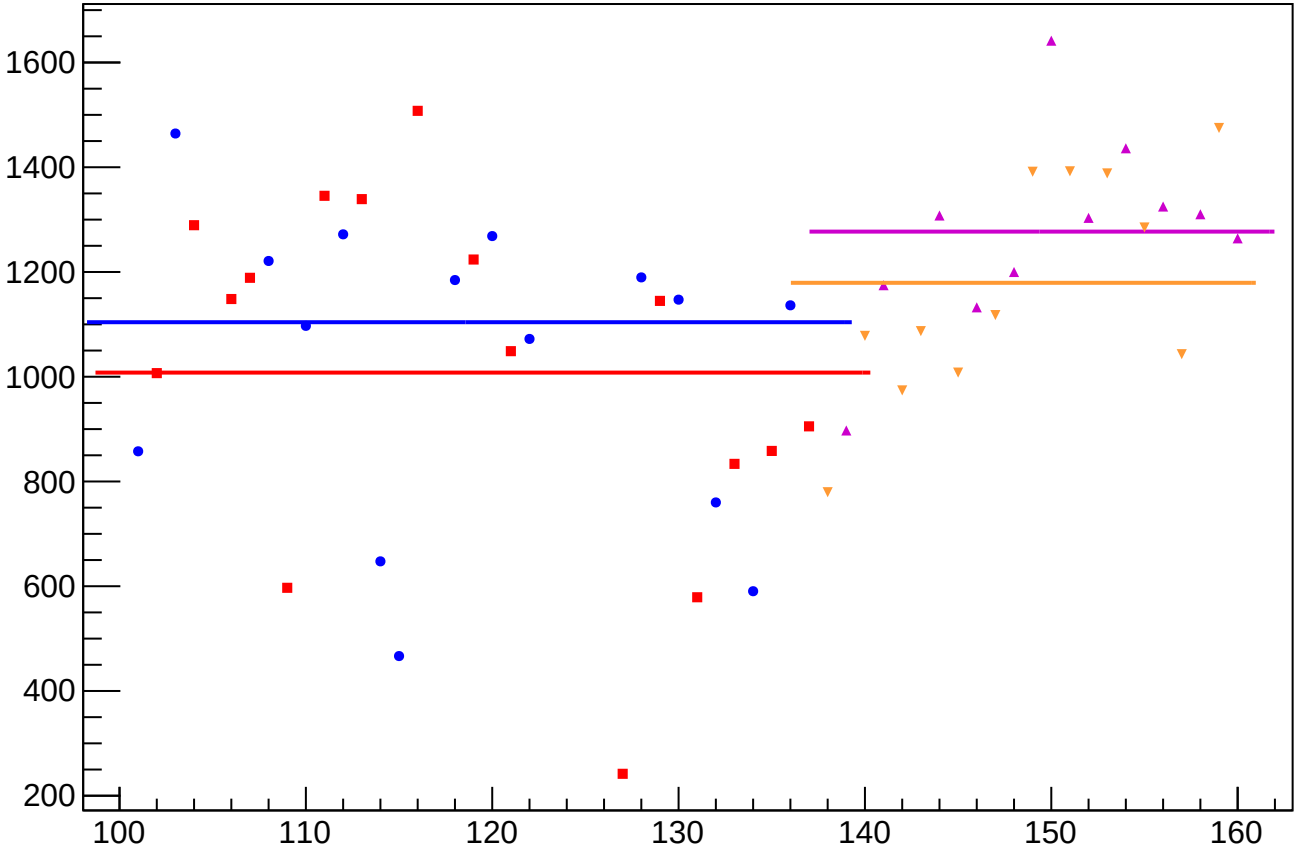
Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

+ sign 3.230+/-0.000 χ^2/NDF: 4049963498640373 1

All: 3.208+/-0.000 χ^2/NDF: 7529870581400 8

- sign 3.187+/-0.000 χ^2/NDF: 3478464708331367 3

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

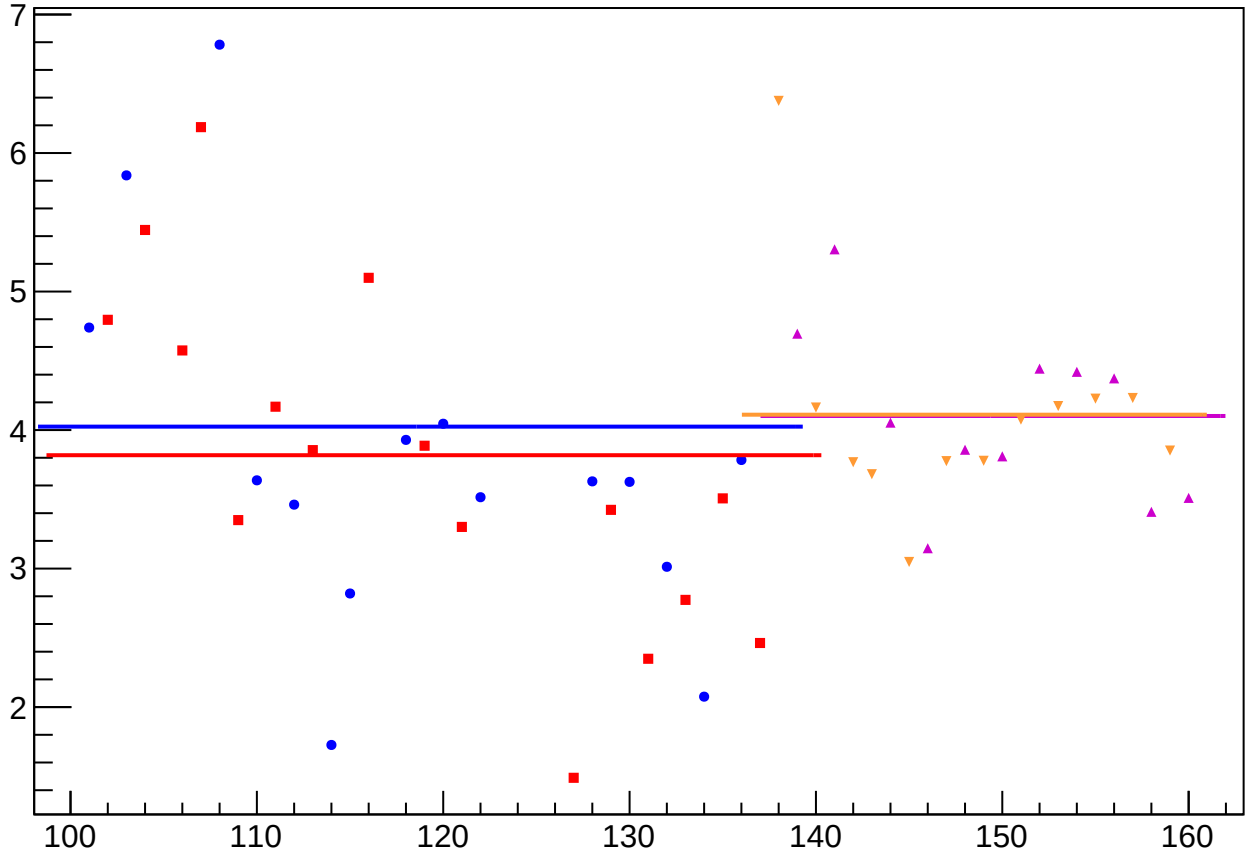
All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.075+/-0.000 χ^2/NDF: 13044380384615704

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

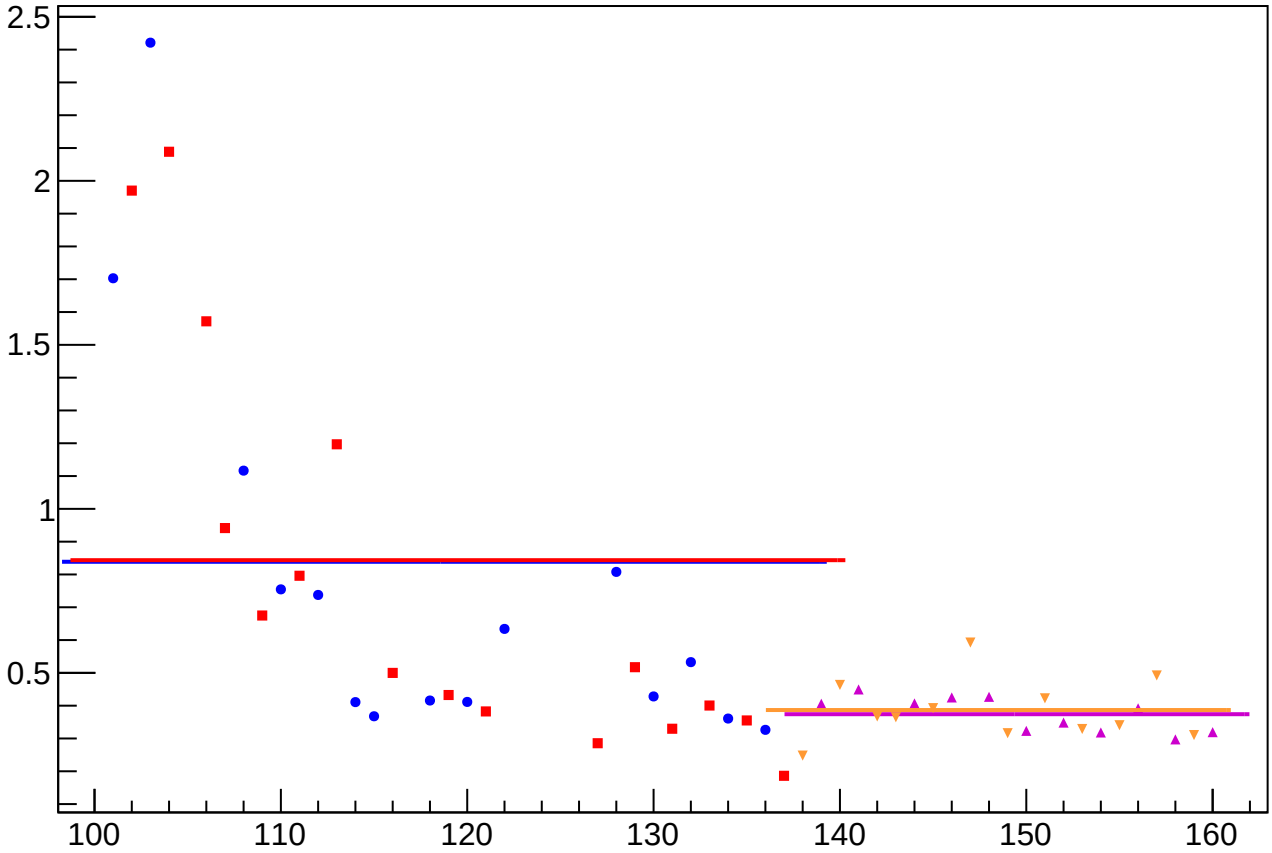
All: 4.029+/-0.000 χ^2/NDF: 2560414246886

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.983+/-0.000 χ^2/NDF: 12492685976346881

Left In: 4.102+/-0.000 χ^2/NDF:329978343606173709019066465779712.0/10

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

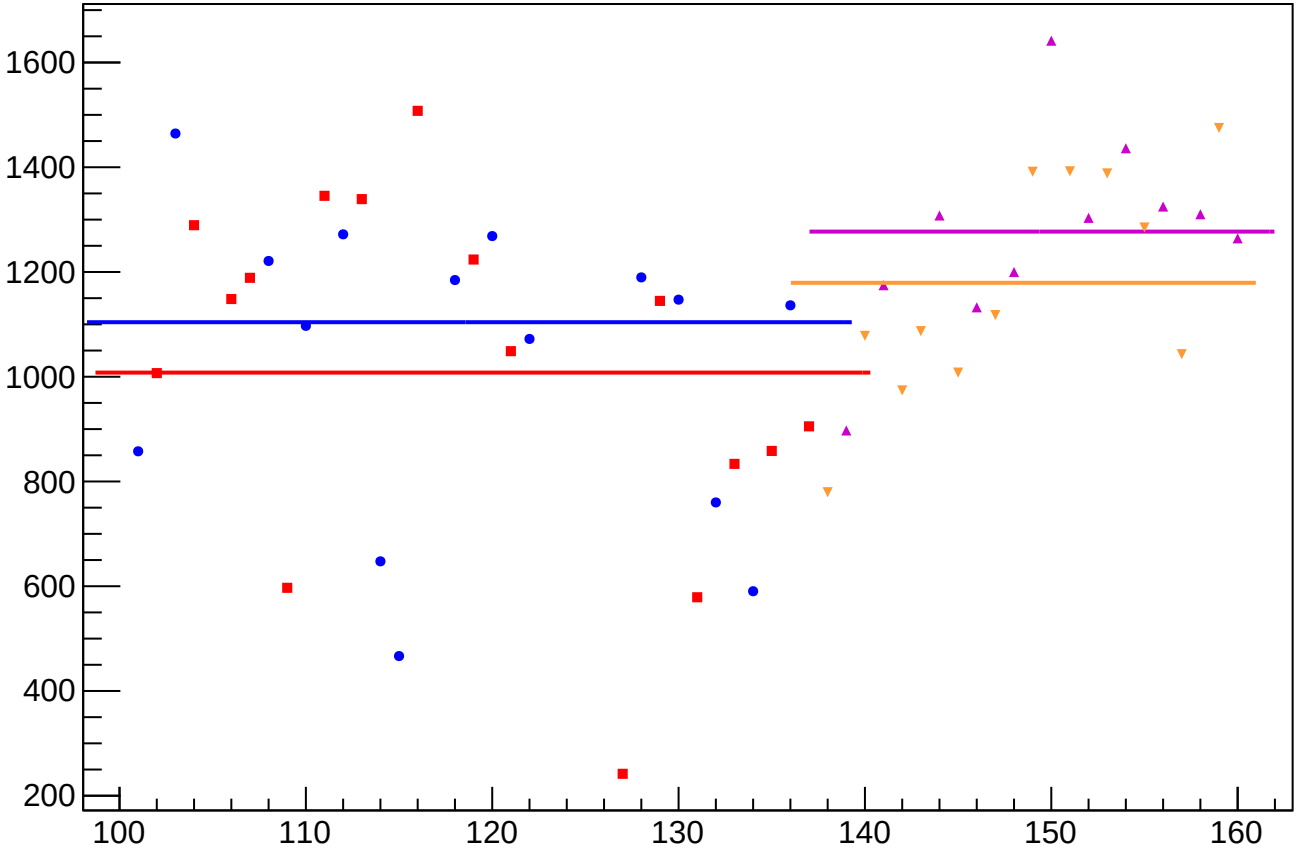
Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ sign 0.574+/-0.000 χ^2/NDF: 3436129971052193 9

All: 0.573+/-0.000 χ^2/NDF: 6843499060382 9

- sign 0.571+/-0.000 χ^2/NDF: 3407270582825896 1

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

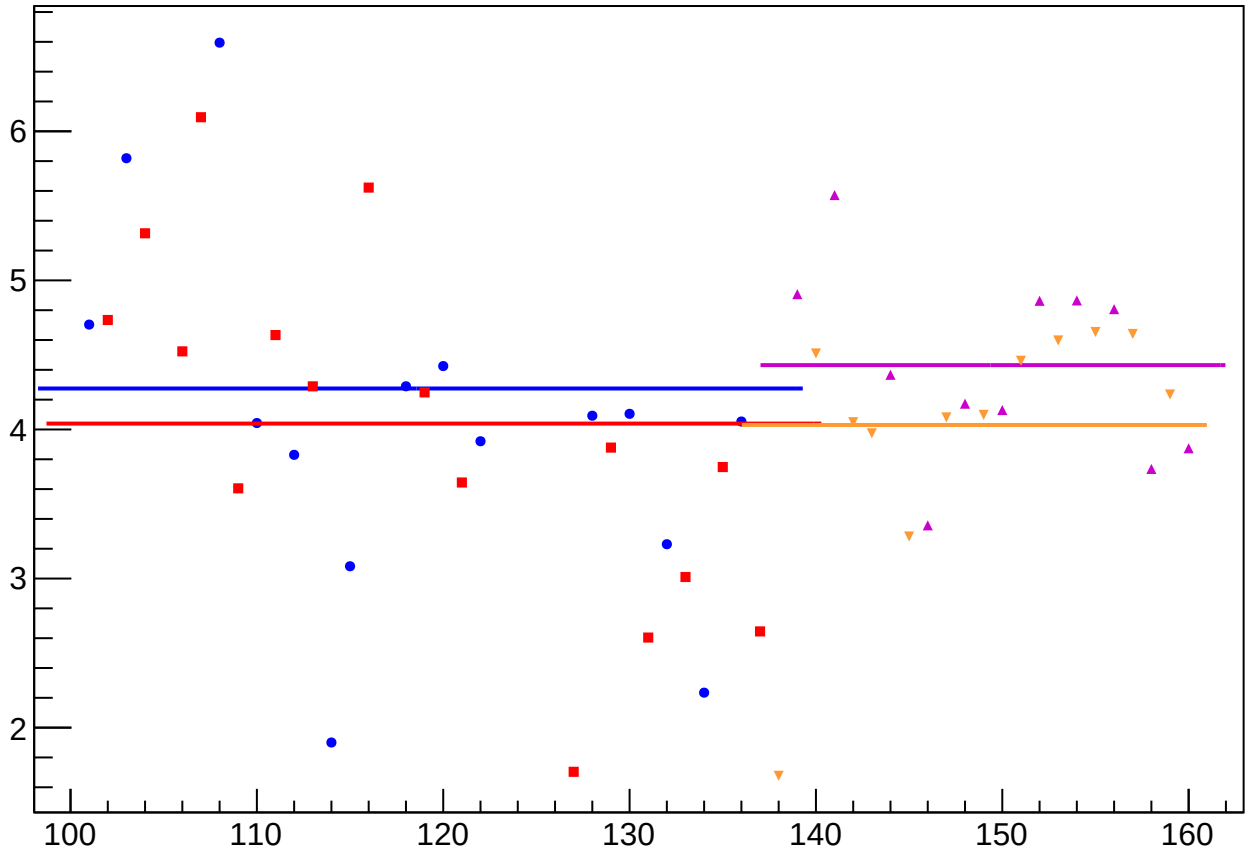
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.132+/-0.000 χ^2/NDF: 1220685145713443 6

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

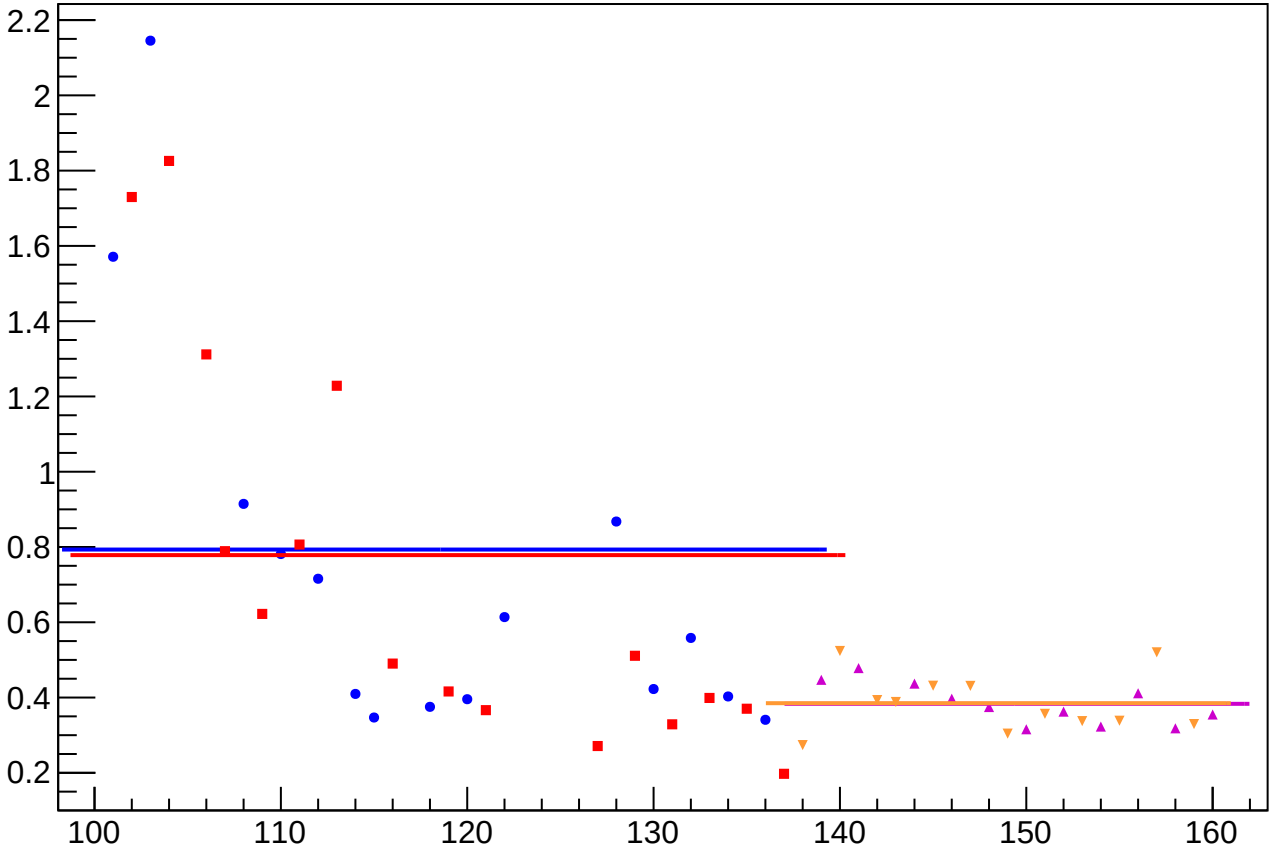
All: 4.200+/-0.000 χ^2/NDF: 2412675813766 7

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.267+/-0.000 χ^2/NDF: 1177531921685944 1

Left In: 4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

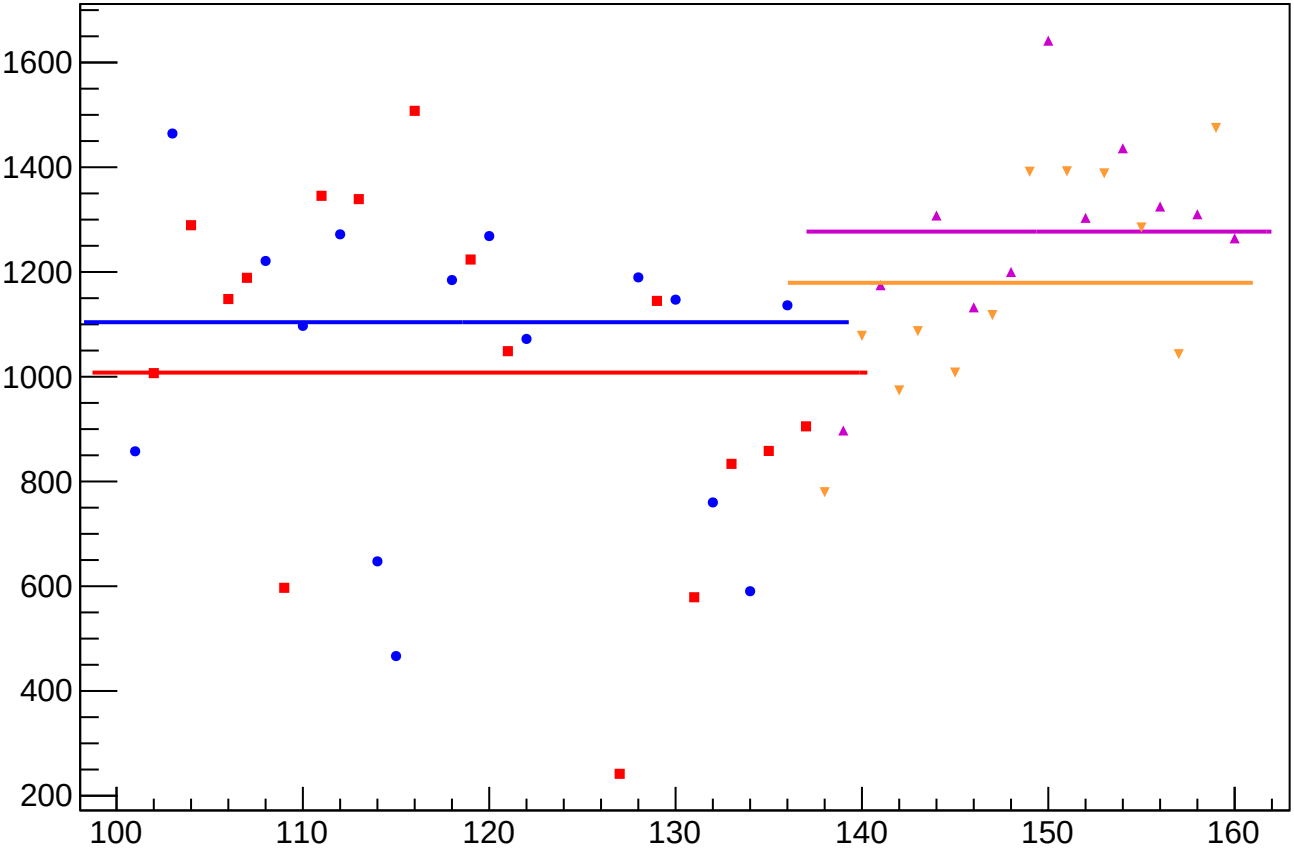
Left In: 0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

+ sign 0.555+/-0.000 χ^2/NDF: 2643049426834441 4

All: 0.552+/-0.000 χ^2/NDF: 5132404474618 2

- sign 0.549+/-0.000 χ^2/NDF: 2489112067555135 9

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

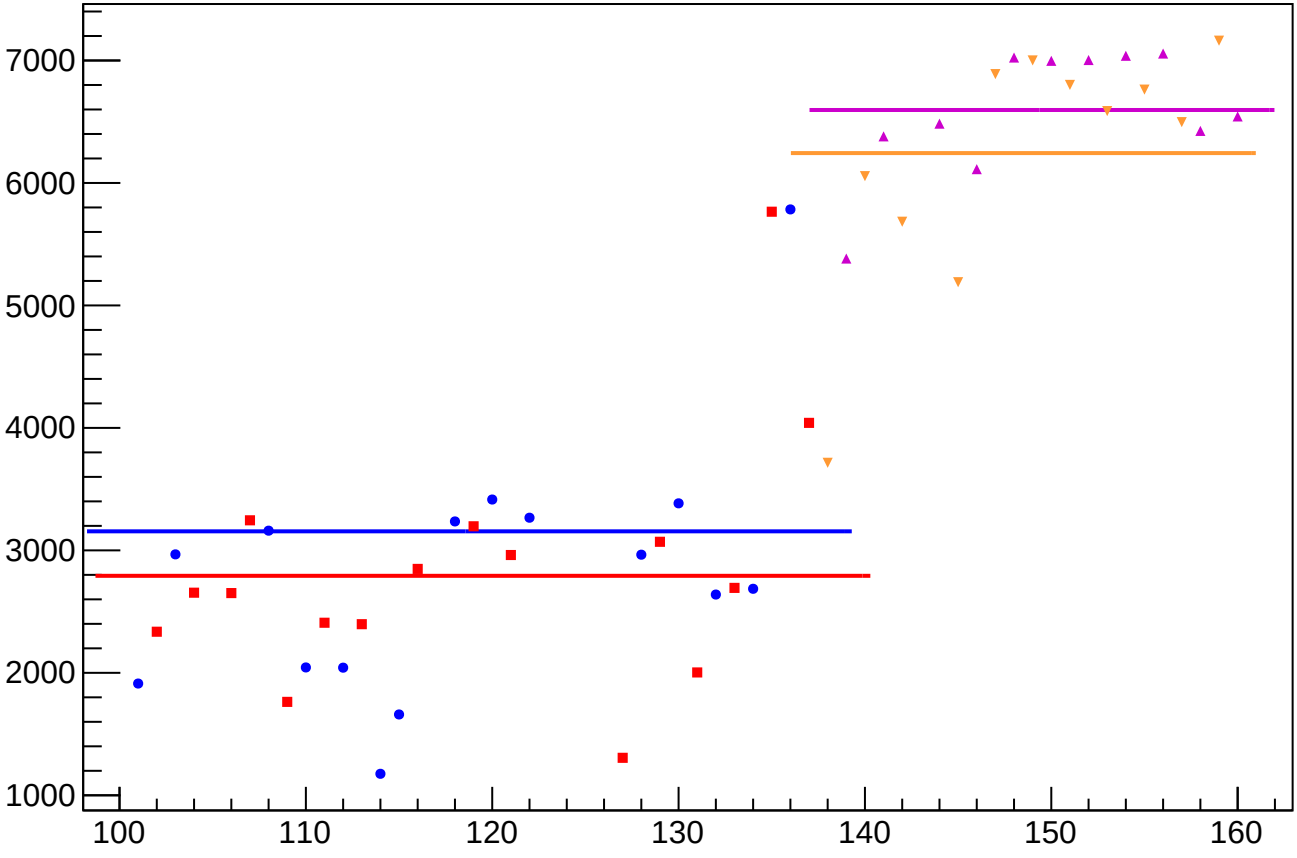
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

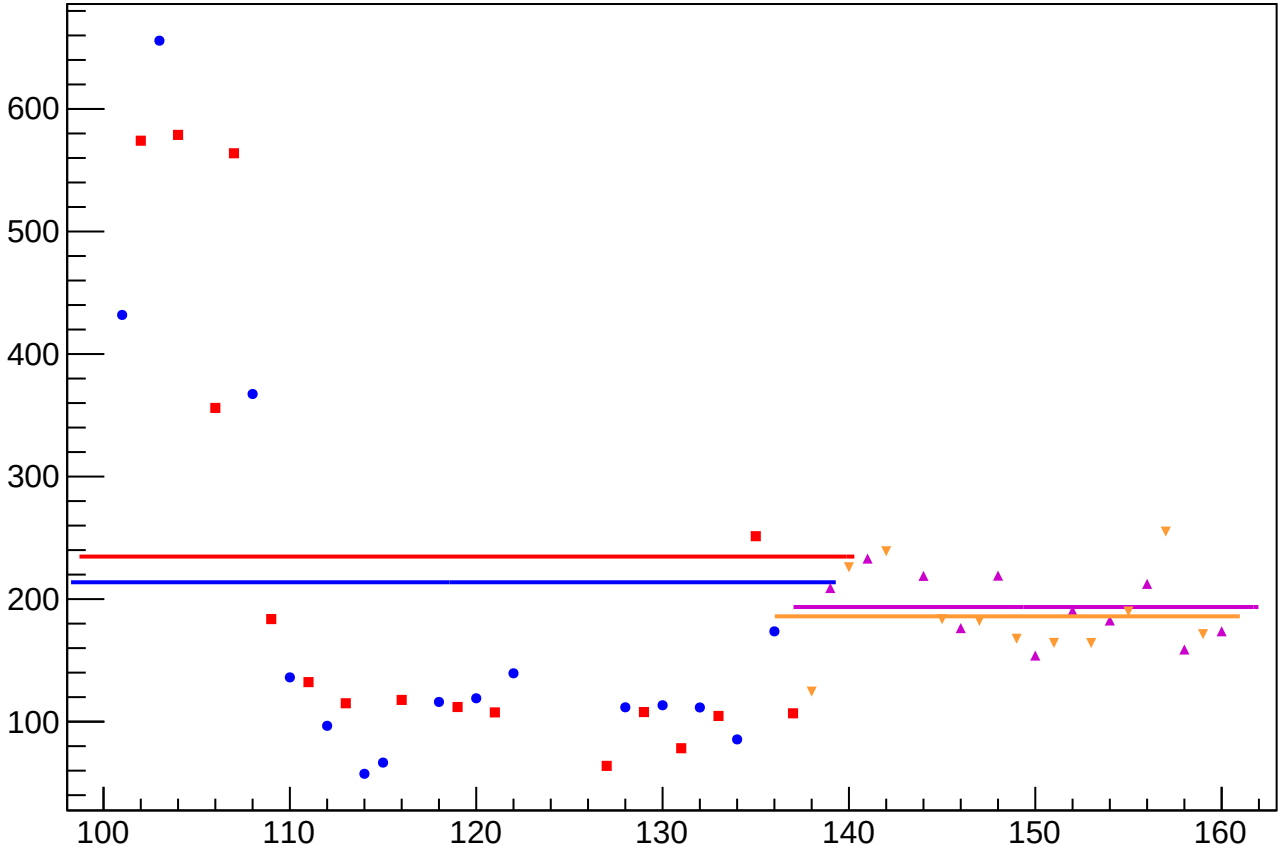
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4904.094+/-0.000 χ^2/NDF: 5219905519313 5
Left Out: 6243.976+/-0.000 χ^2/NDF:8112307861683783027801391656887113482 24.0/10
All: 4954.171+/-0.000 χ^2/NDF: 1173127883 1
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 5001.259+/-0.000 χ^2/NDF: 65040940380317
Left Out: 6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640 93696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 197181381090540021143611498605072875 52.0/14

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

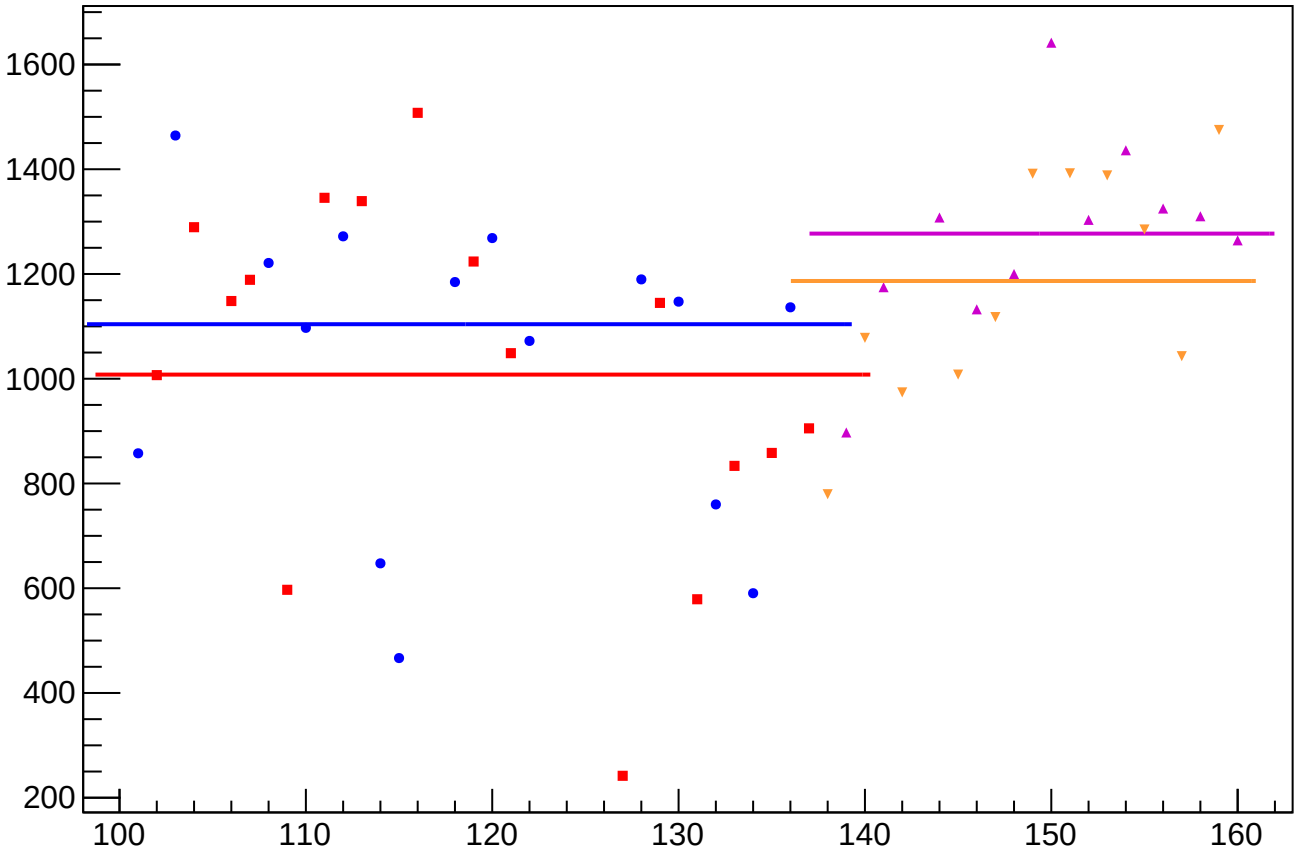
Left In: 193.543+/-0.000 χ^2/NDF:598931150644293332680217057881489408.0/10

+ sign 198.004+/-0.000 χ^2/NDF: 21059649970199 0

All: 204.600+/-0.000 χ^2/NDF: 46454573785 3

- sign 210.803+/-0.000 χ^2/NDF: 252686308073901

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

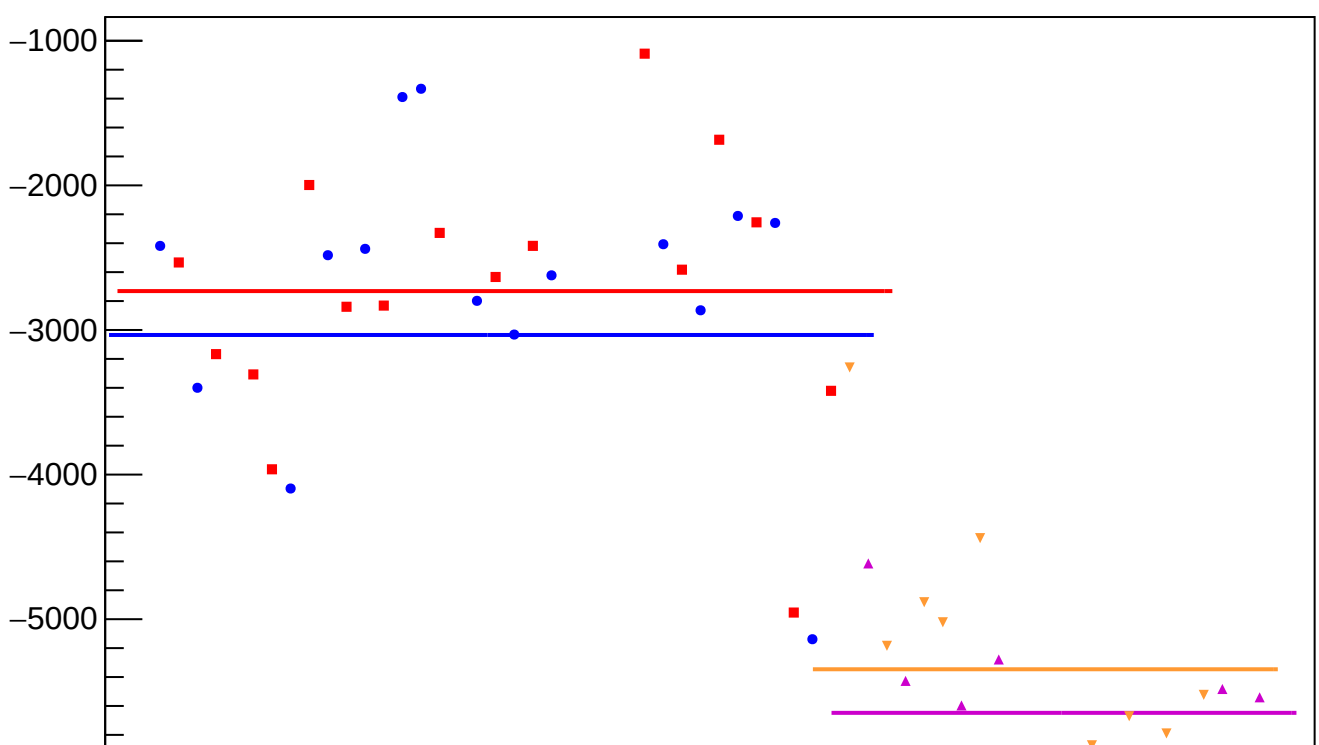
Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1150.834+/-0.000 χ^2/NDF: 7336754837783

All: 1157.745+/-0.000 χ^2/NDF: 2002333714

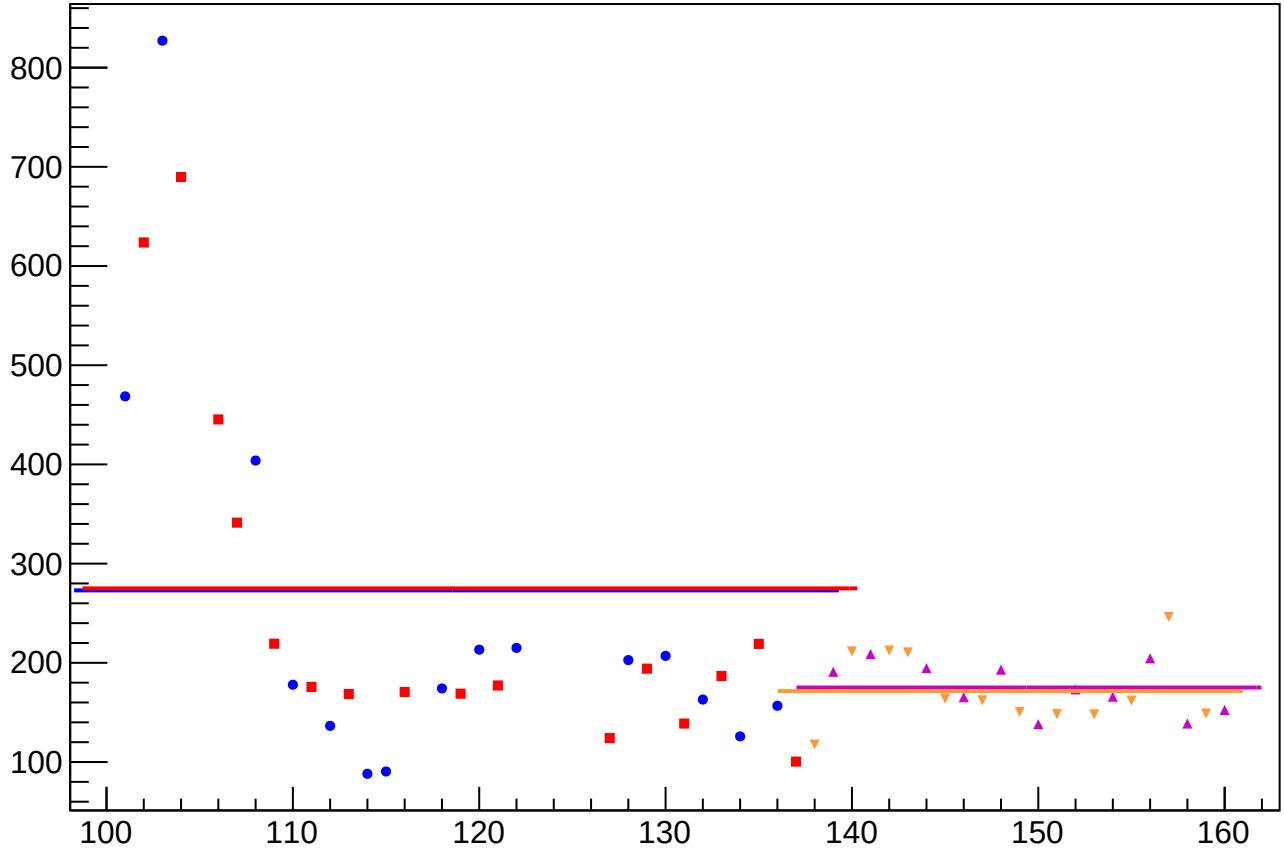
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4386.382+/-0.000 χ^2/NDF: 3254755460990
Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11
All: -4405.811+/-0.000 χ^2/NDF: 7243621292
Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
- sign -4424.898+/-0.000 χ^2/NDF: 39876961959136
Left In: -5647.632+/-0.000 χ^2/NDF:1642143129080356452151263569354917150 72.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 222647600887529017925618929916570501 12.0/15

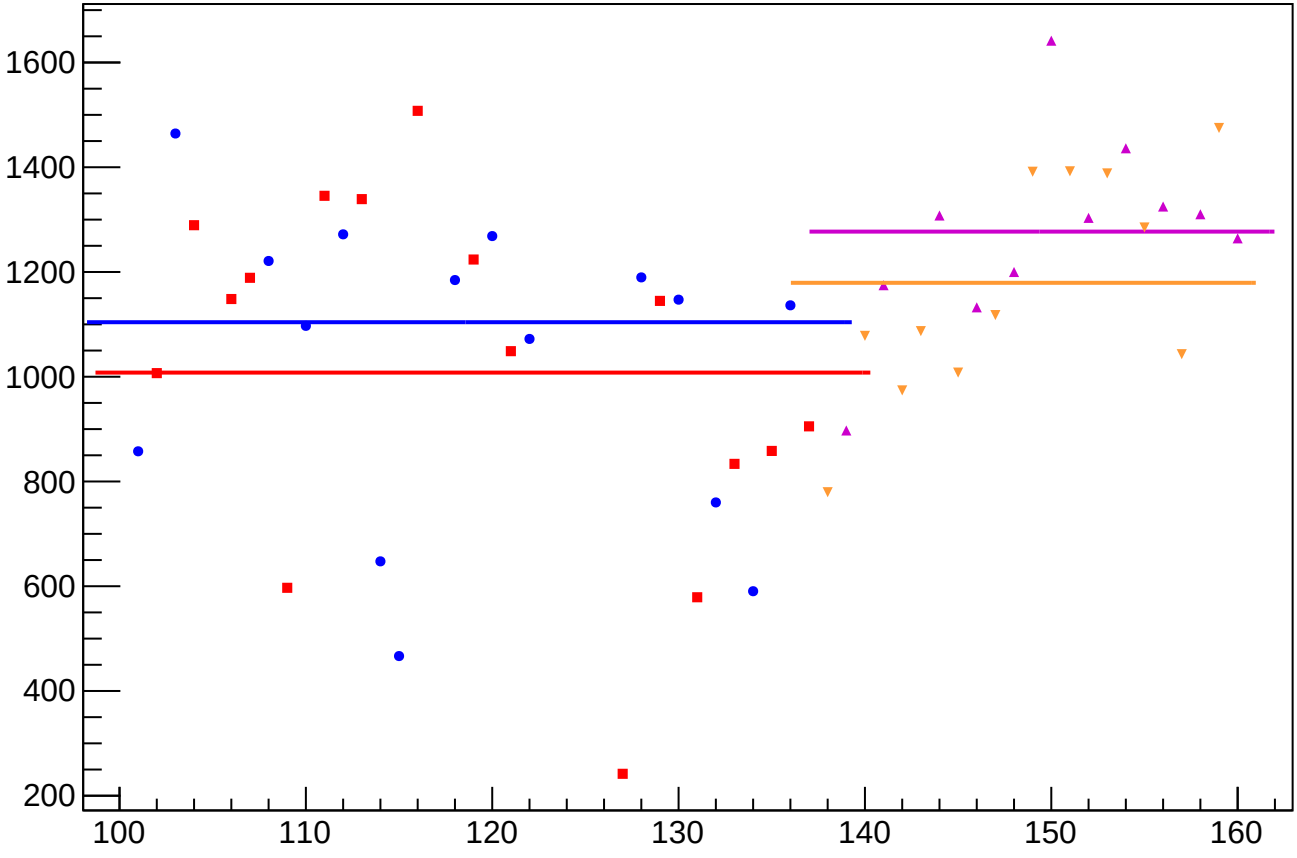
Left In: 175.100+/-0.000 χ^2/NDF:532319905760316522814470909096624128.0/10

+ sign 213.672+/-0.000 χ^2/NDF: 31559661573159 6

All: 215.351+/-0.000 χ^2/NDF: 5823479178 10

- sign 217.000+/-0.000 χ^2/NDF: 266663969074785

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

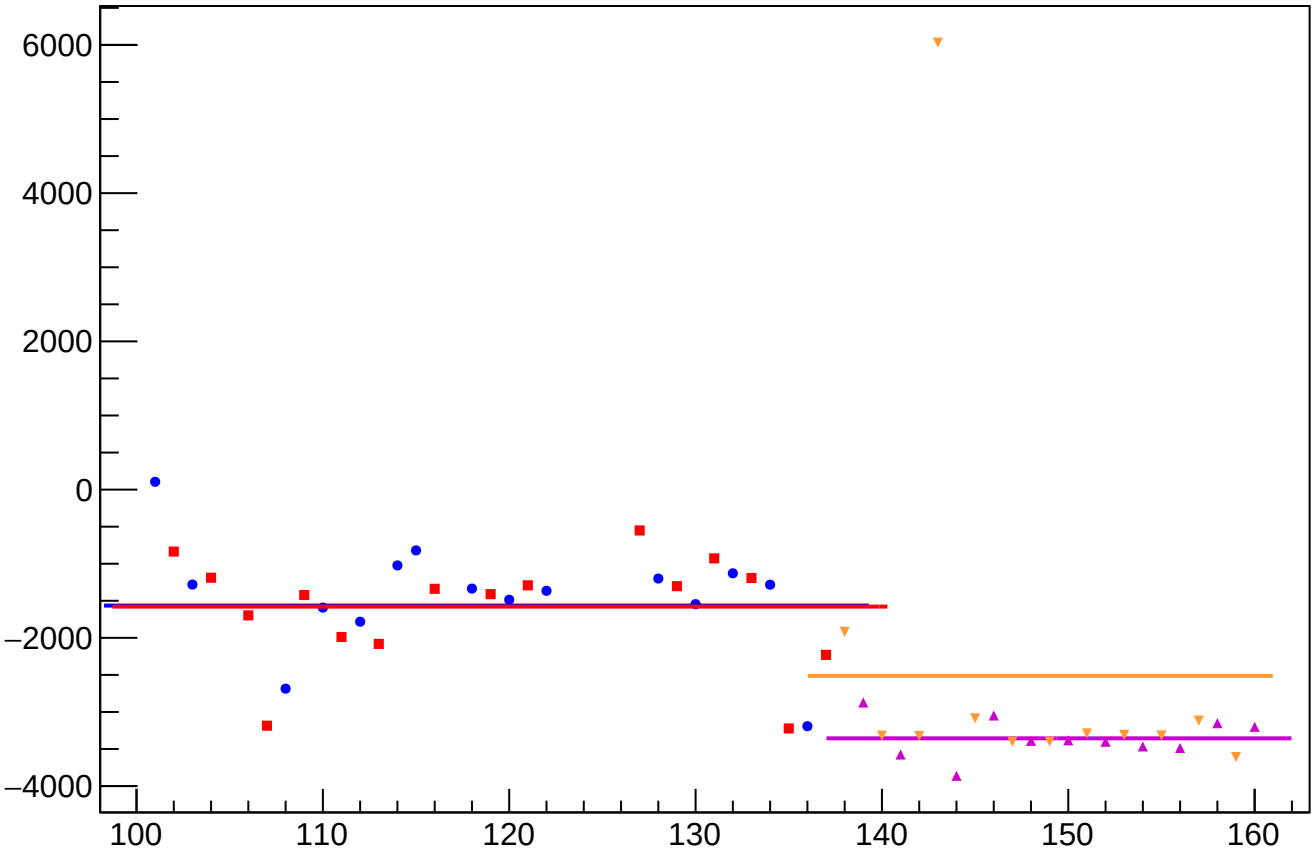
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

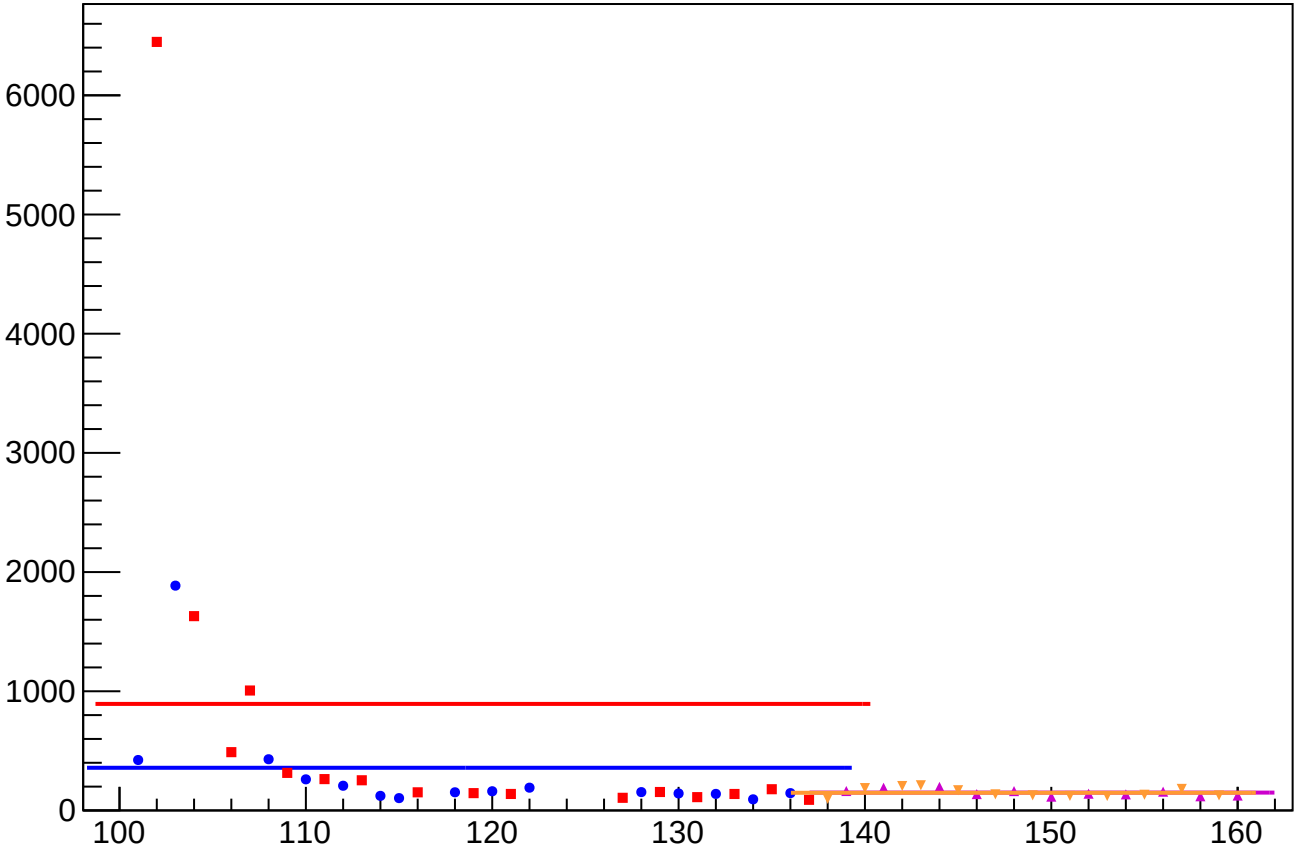
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2119.303+/-0.000 χ^2/NDF: 6256498974115
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
All: -2367.087+/-0.000 χ^2/NDF: 8100740550
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2610.511+/-0.000 χ^2/NDF: 1654003244515 9
Left In: -3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

+ sign 235.441+/-0.000 χ^2/NDF: 17570532501070 5

Left Out: 148.359+/-0.000 χ^2/NDF:1090286331733366082581256970807803904.0/11

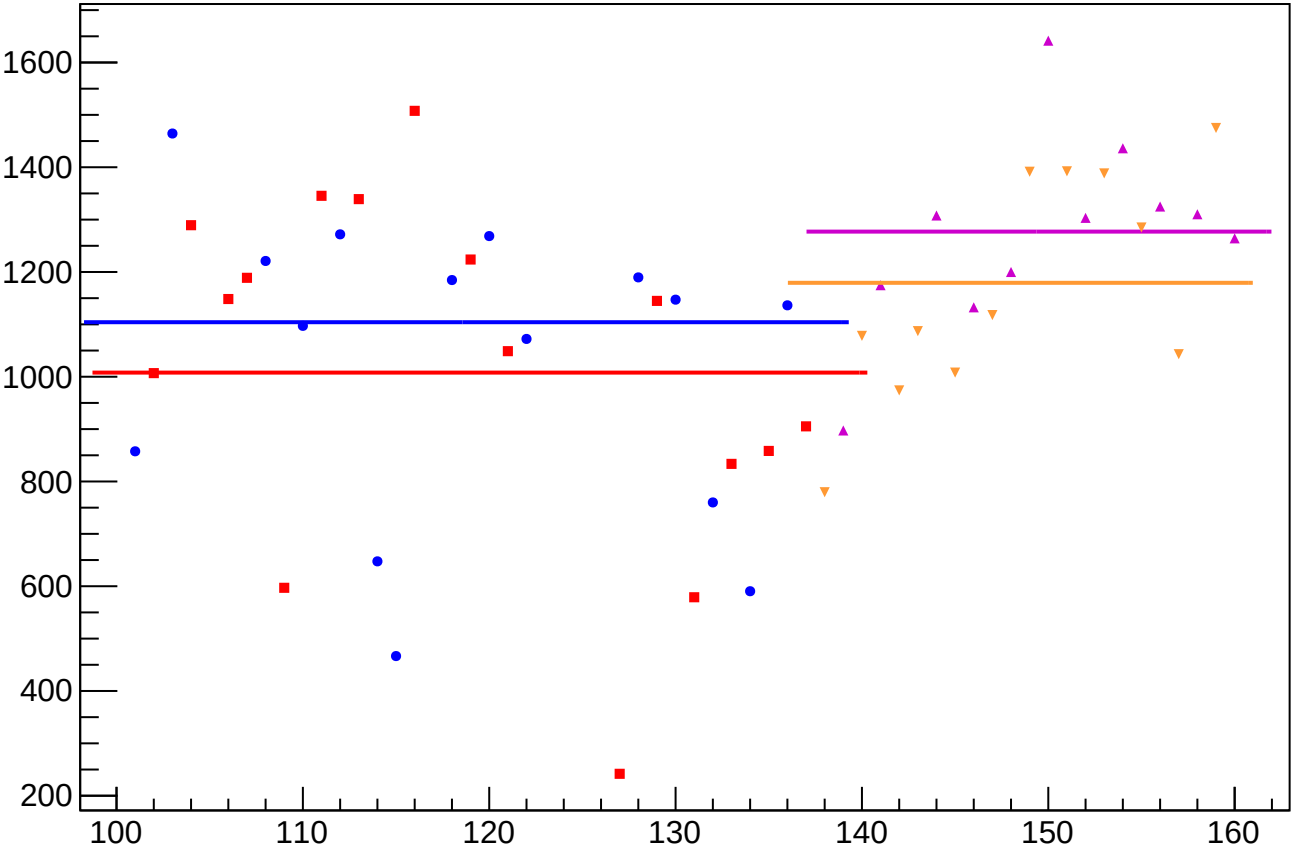
All: 349.608+/-0.000 χ^2/NDF: 2507121059 72

Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15

- sign 461.767+/-0.000 χ^2/NDF: 229102929368244

Left In: 149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

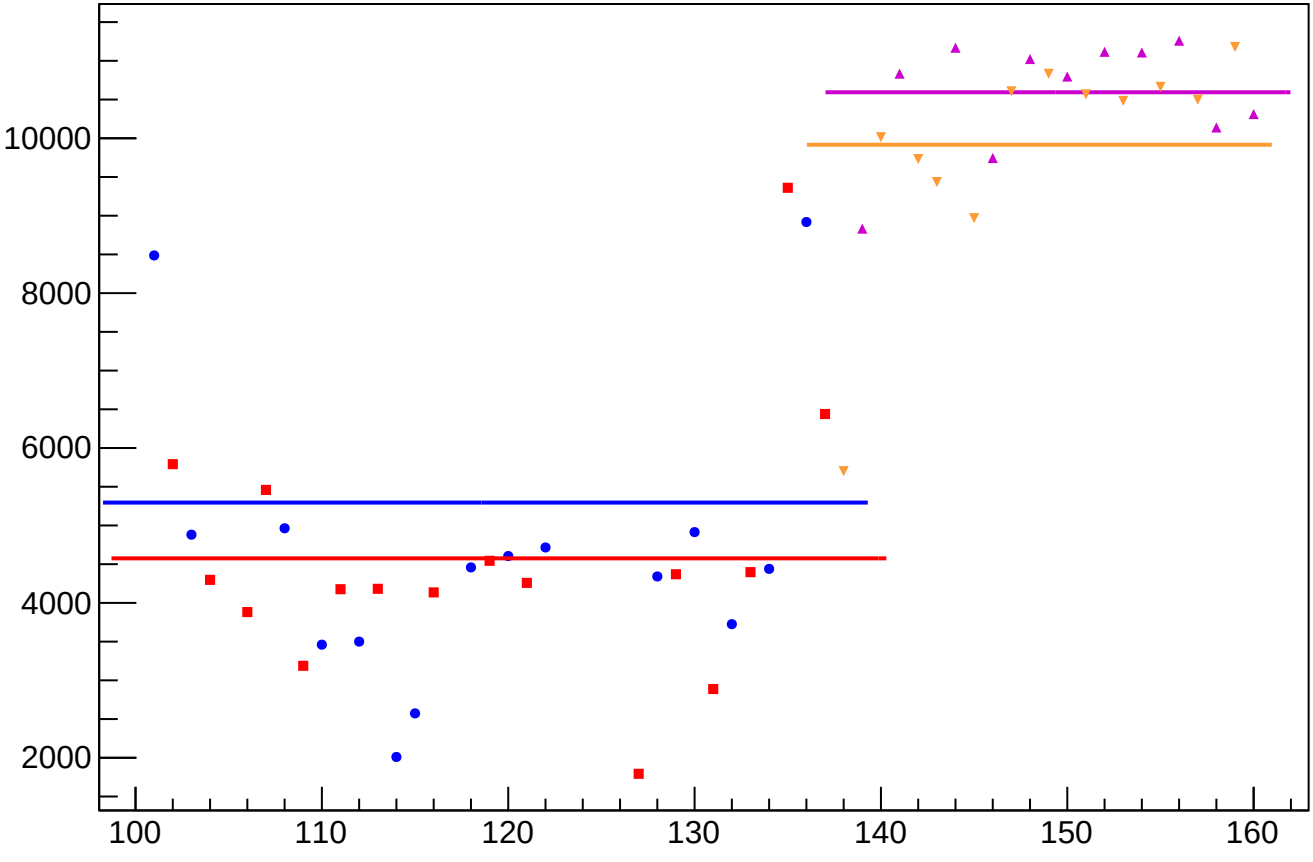
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

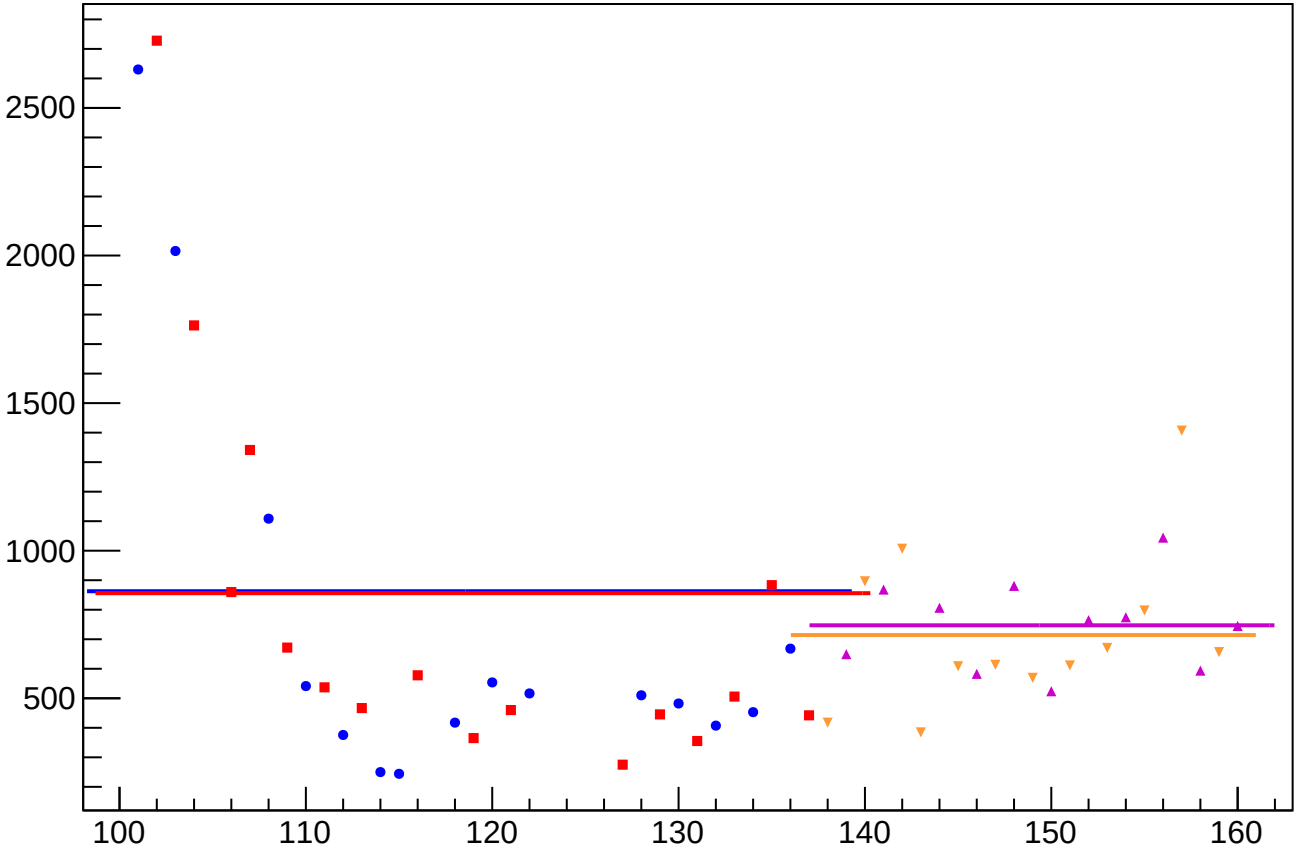
Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF: 1245021204237 8

All: 8034.568+/-0.000 χ^2/NDF: 2882072003 4

- sign 8070.804+/-0.000 χ^2/NDF: 16366292406753

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

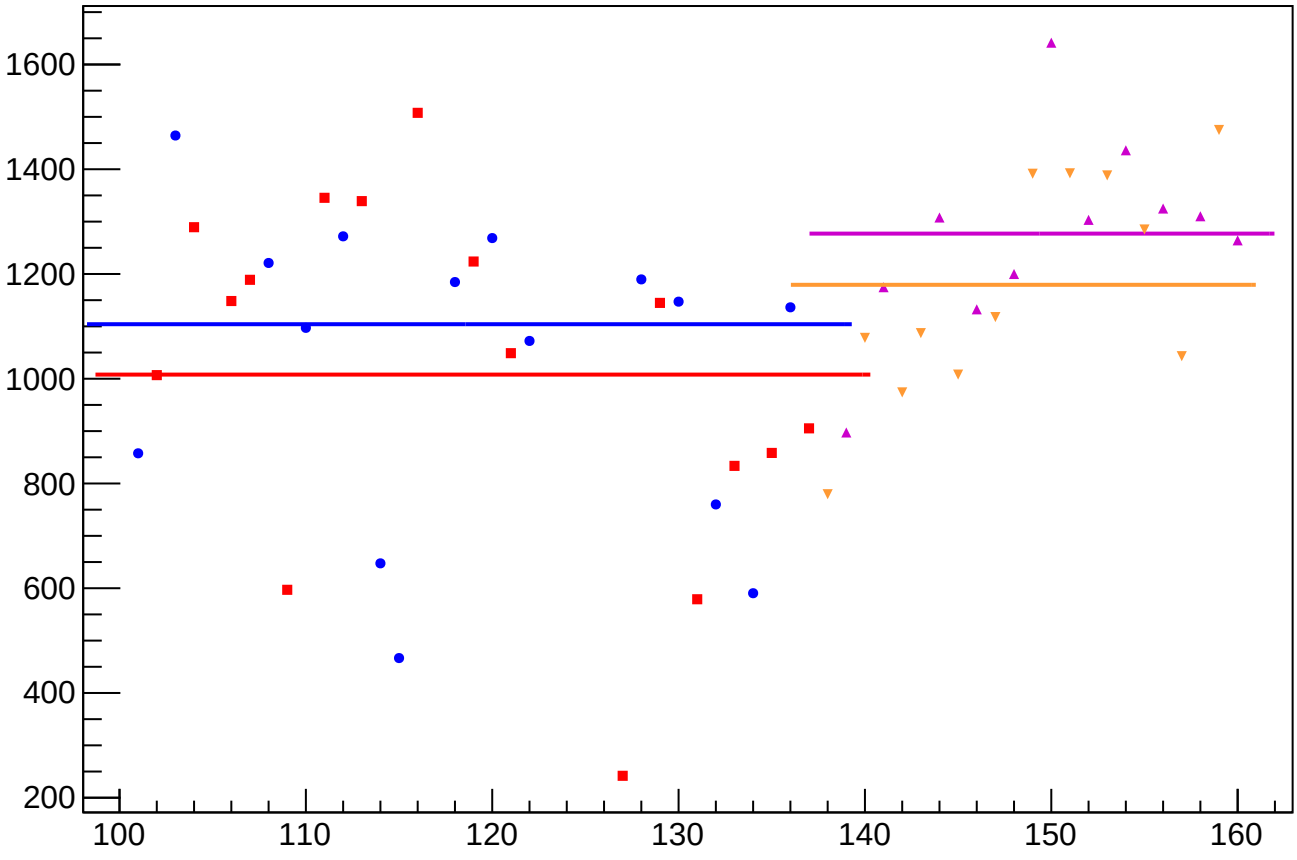
Left In: 747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10

+ sign 775.866+/-0.000 χ^2/NDF: 409985766107580

All: 784.449+/-0.000 χ^2/NDF: 7616721952 37

- sign 792.881+/-0.000 χ^2/NDF: 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

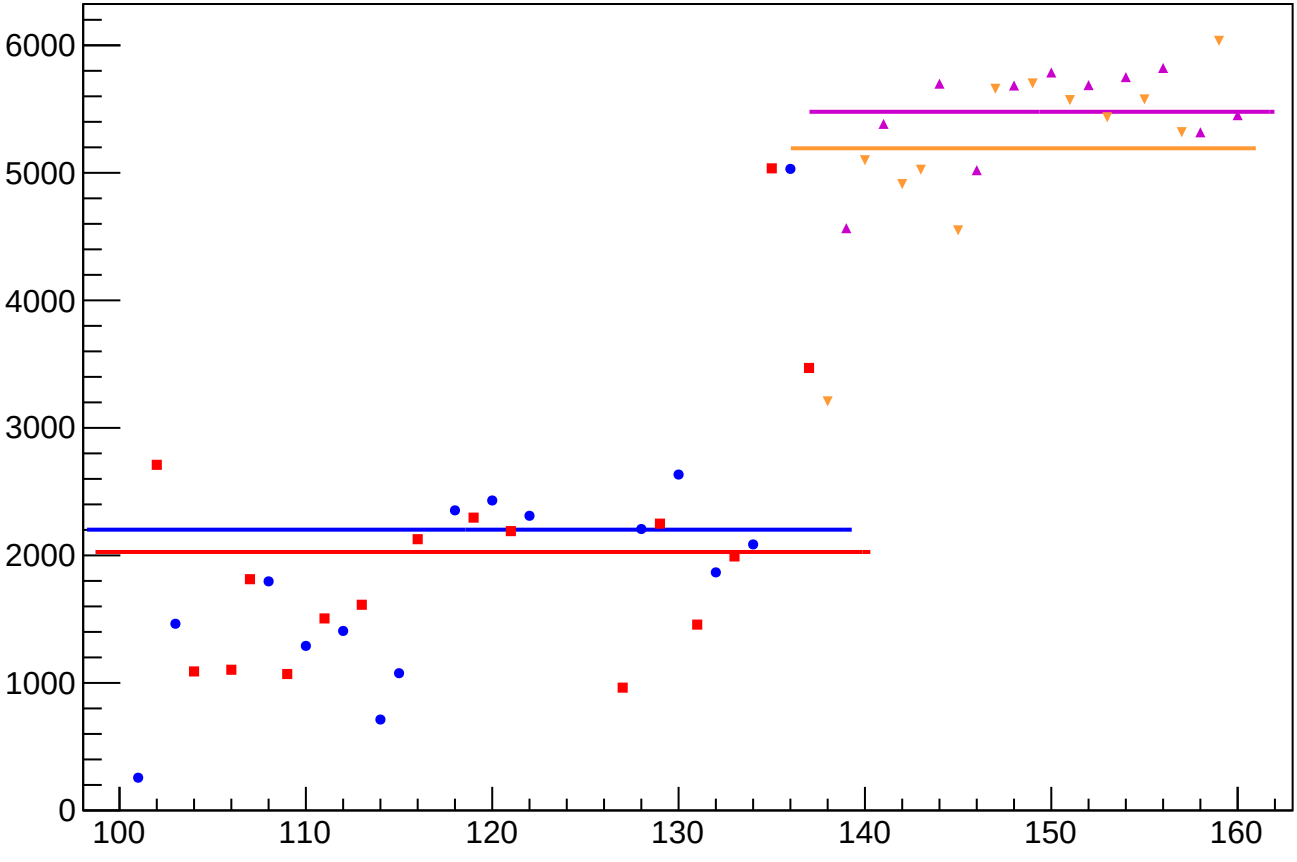
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3950.684+/-0.000 χ^2/NDF: 4951222150241

Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11

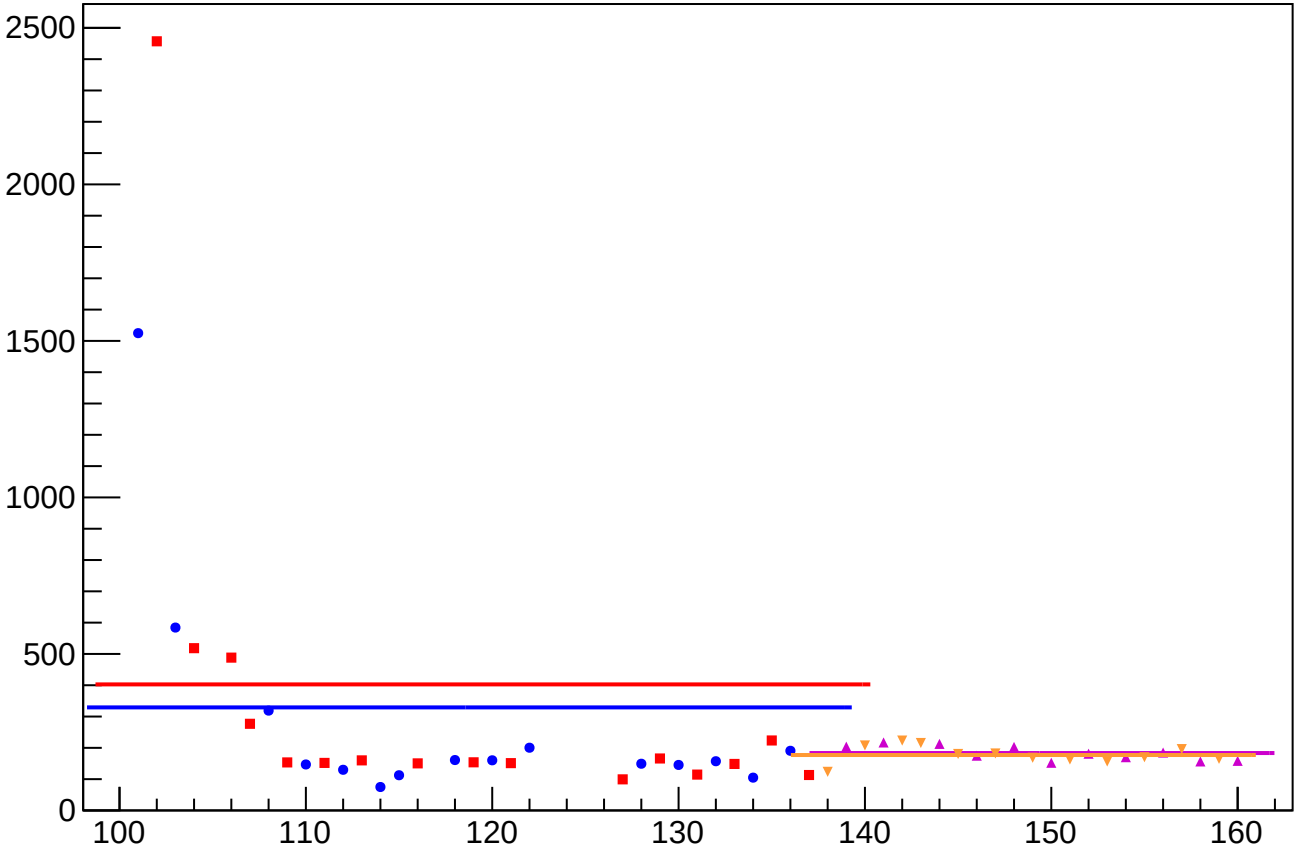
All: 3991.515+/-0.000 χ^2/NDF: 1040455023

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 4031.627+/-0.000 χ^2/NDF: 5448162434536 3

Left In: 5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

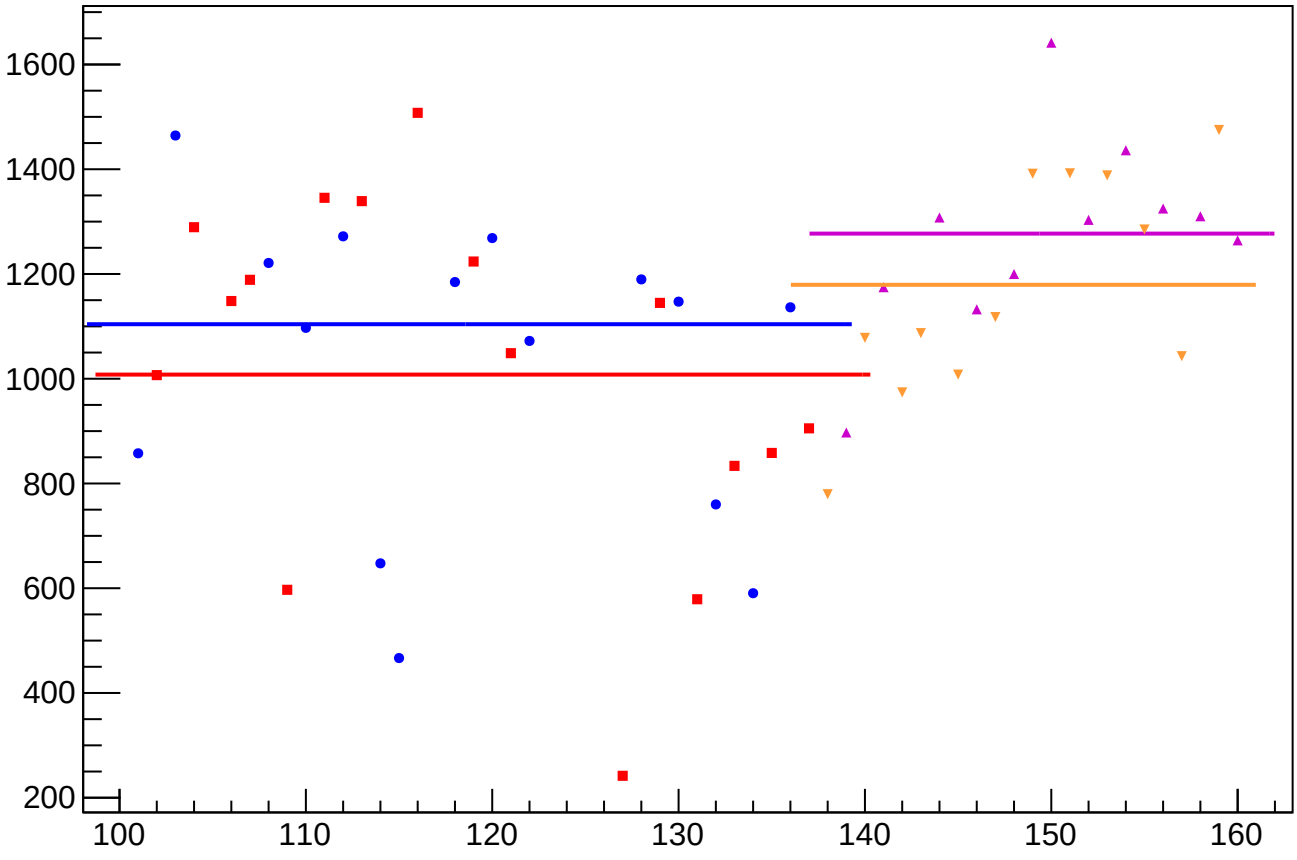
Left In: 183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF: 112672514913123

All: 257.960+/-0.000 χ^2/NDF: 41035727361

- sign 275.340+/-0.000 χ^2/NDF: 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

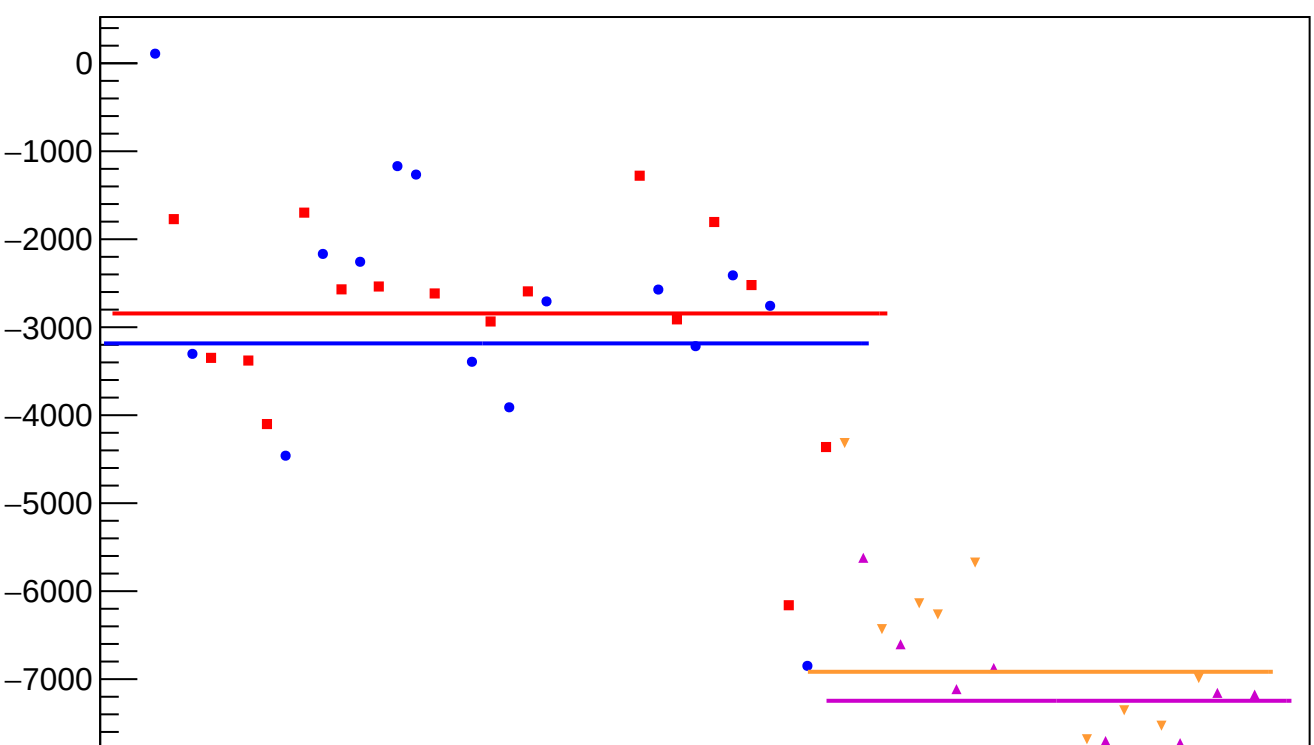
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

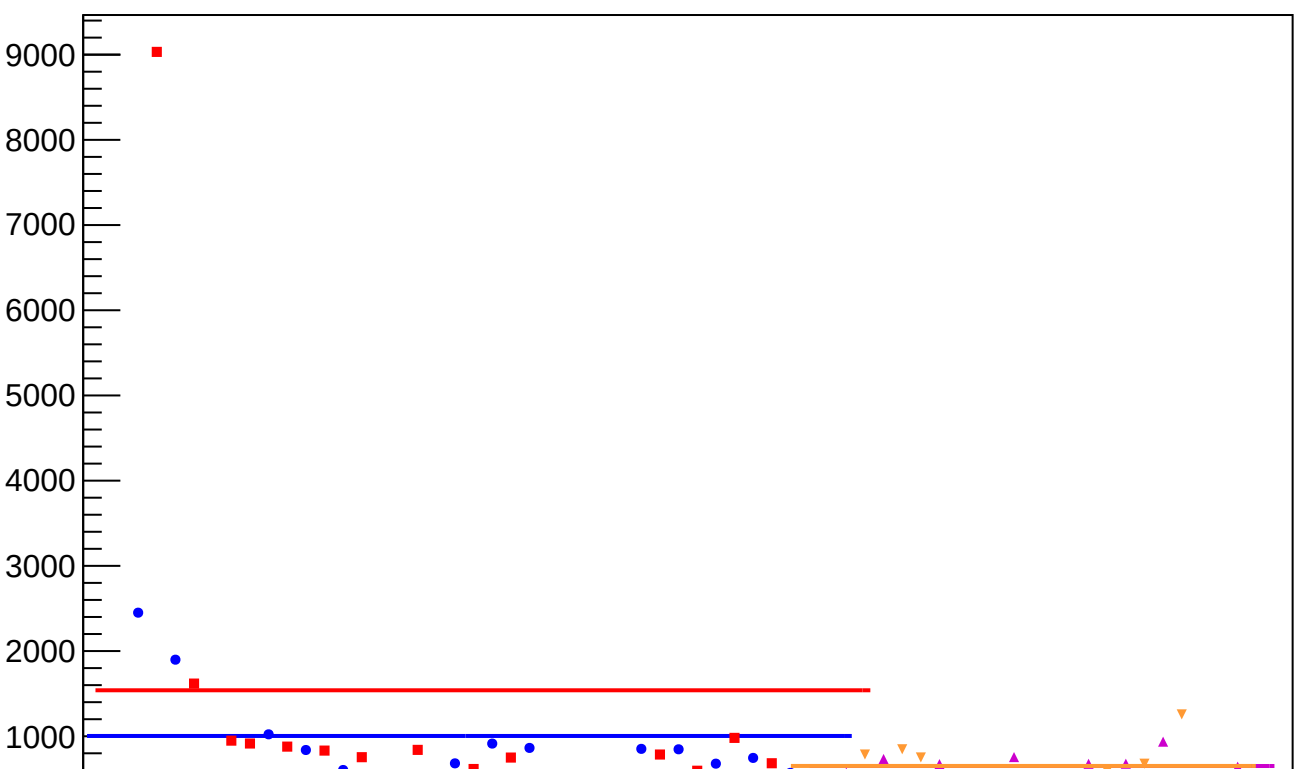
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr2_coil3_mean vs Slug



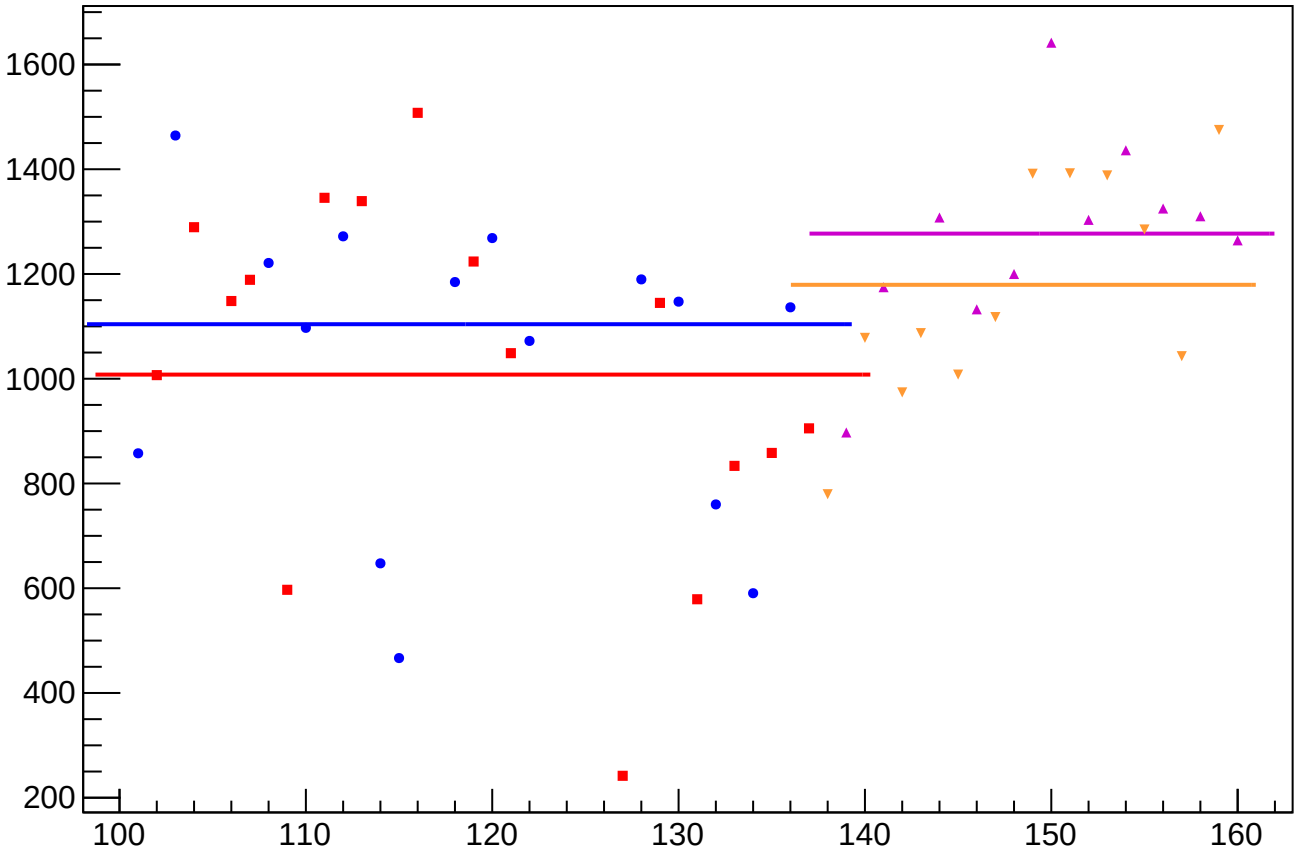
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5366.500+/-0.000 χ^2/NDF: 8538549854874
Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11
All: -5383.560+/-0.000 χ^2/NDF: 1739572201
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5400.320+/-0.000 χ^2/NDF: 8856270344208
Left In: -7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 797.669+/-0.000 χ^2/NDF: 312371598473089
Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11
All: 911.528+/-0.000 χ^2/NDF: 428810018271
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1023.383+/-0.000 χ^2/NDF: 39355602156889
Left In: 650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

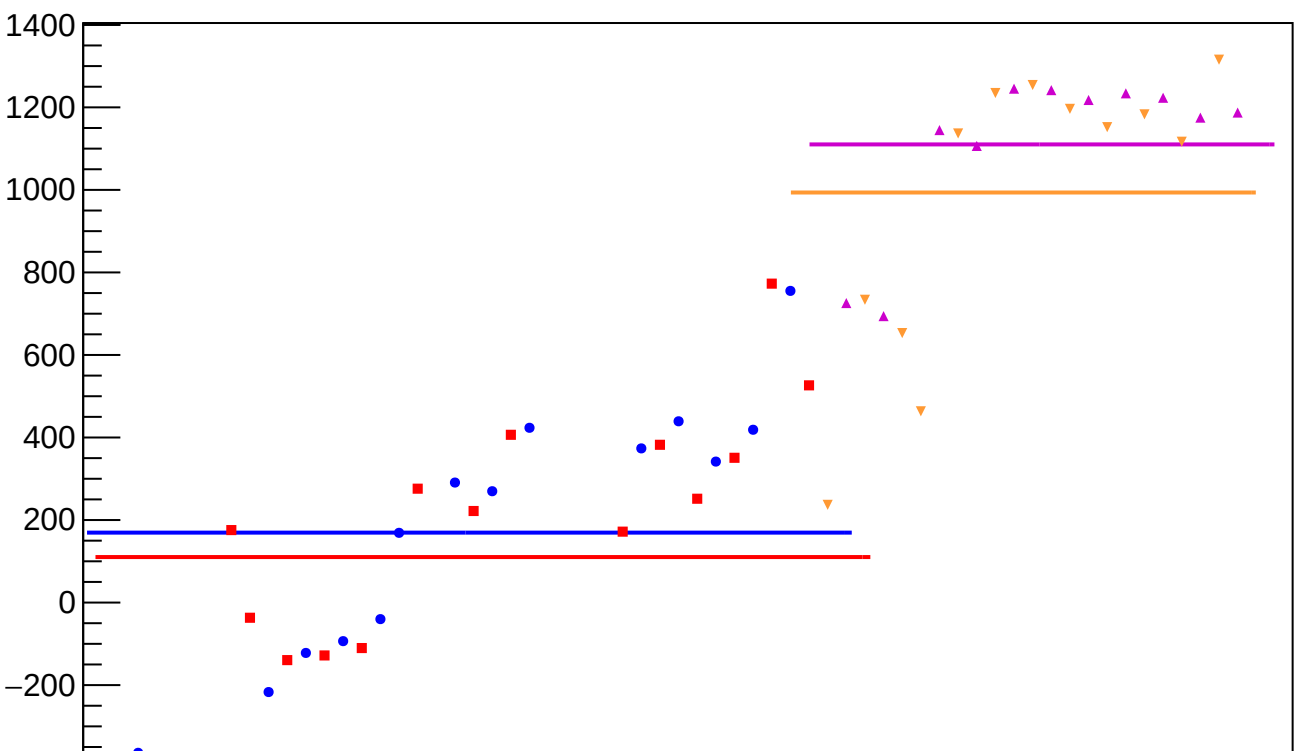
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

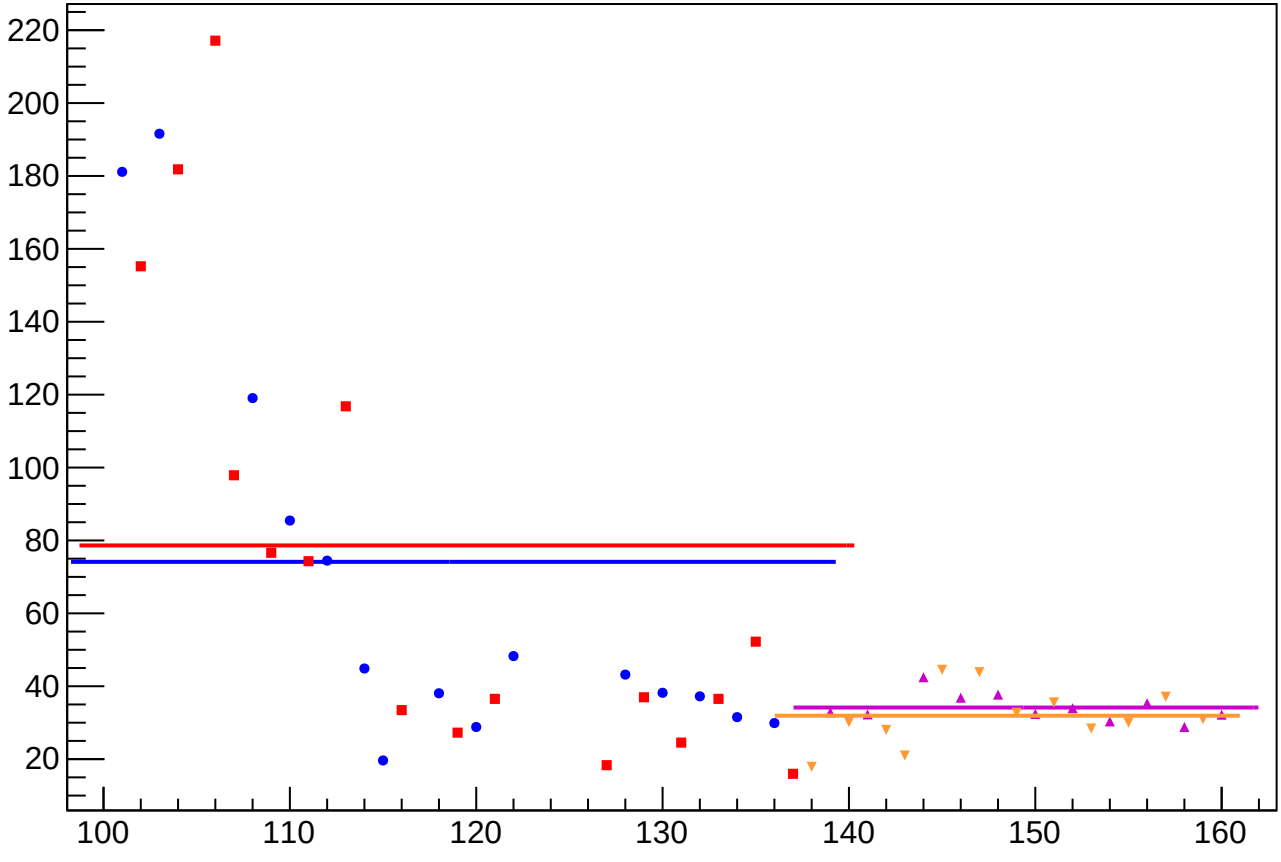
Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ sign 651.454+/-0.000 χ^2/NDF: 457110601754155

All: 671.406+/-0.000 χ^2/NDF: 95149930692 5

- sign 691.006+/-0.000 χ^2/NDF: 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

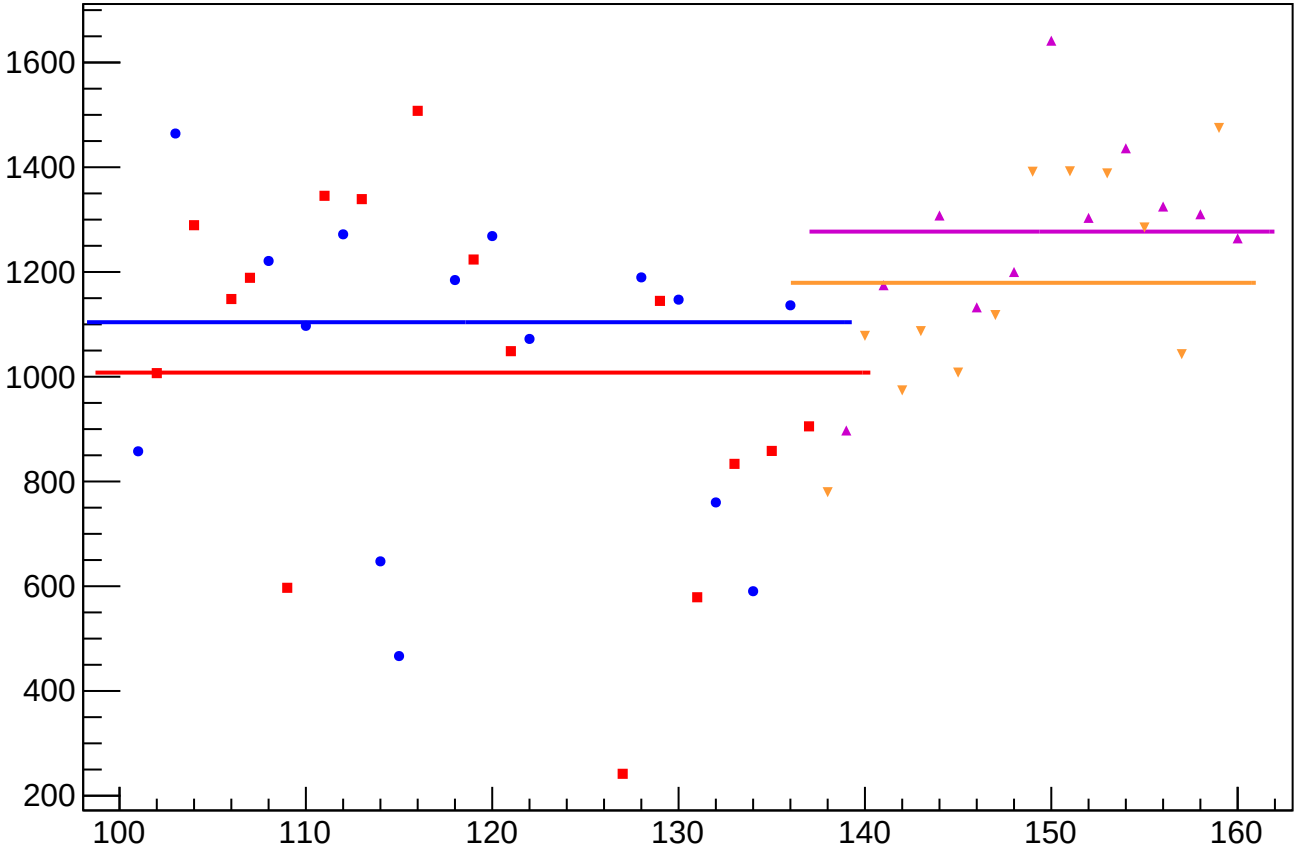
Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

+ sign 49.444+/-0.000 χ^2/NDF: 2897043511629601

All: 51.139+/-0.000 χ^2/NDF: 602792654960 6

- sign 52.804+/-0.000 χ^2/NDF: 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

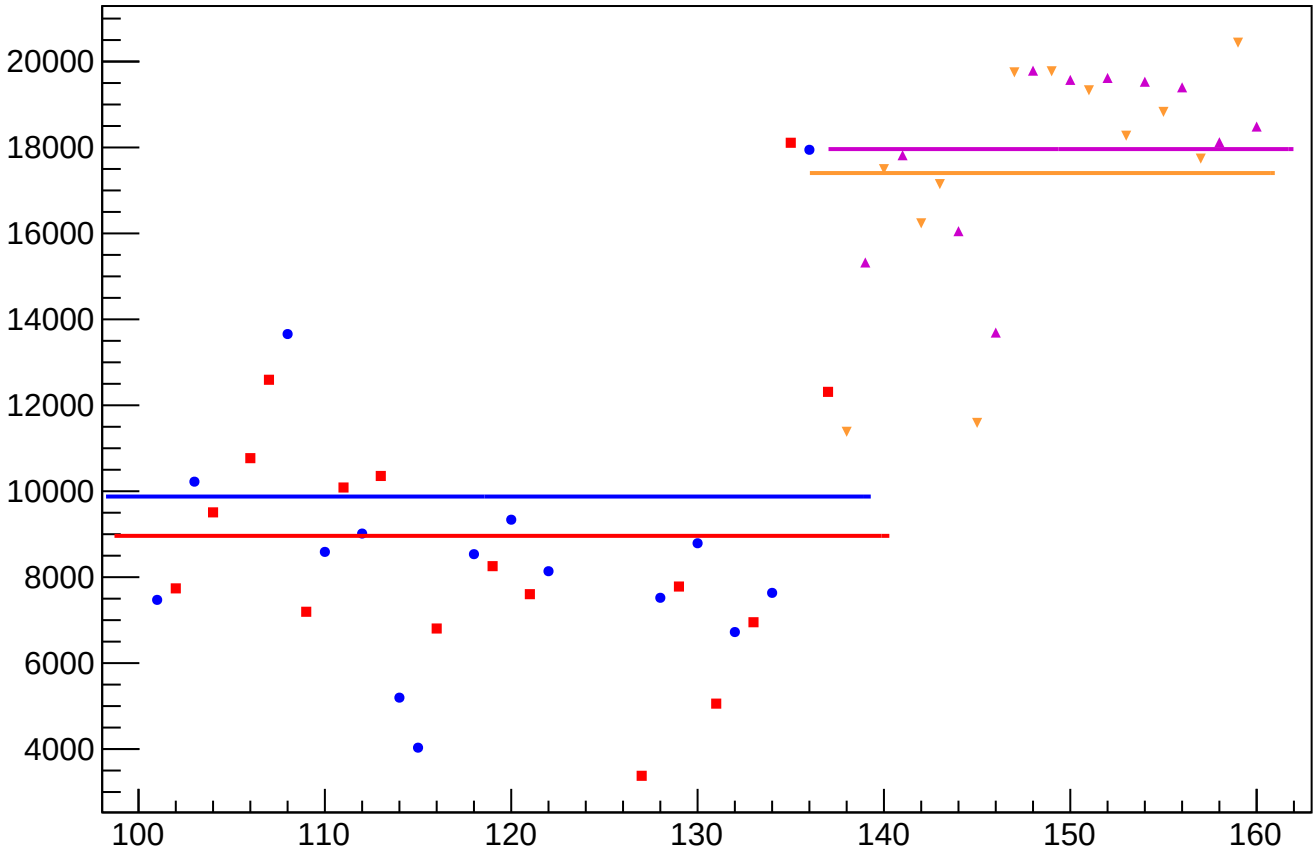
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 14279.004+/-0.000 χ^2/NDF: 3768368481481

Left Out: 17405.049+/-0.000 χ^2/NDF:7689801671099378791544545422175664865280.0/11

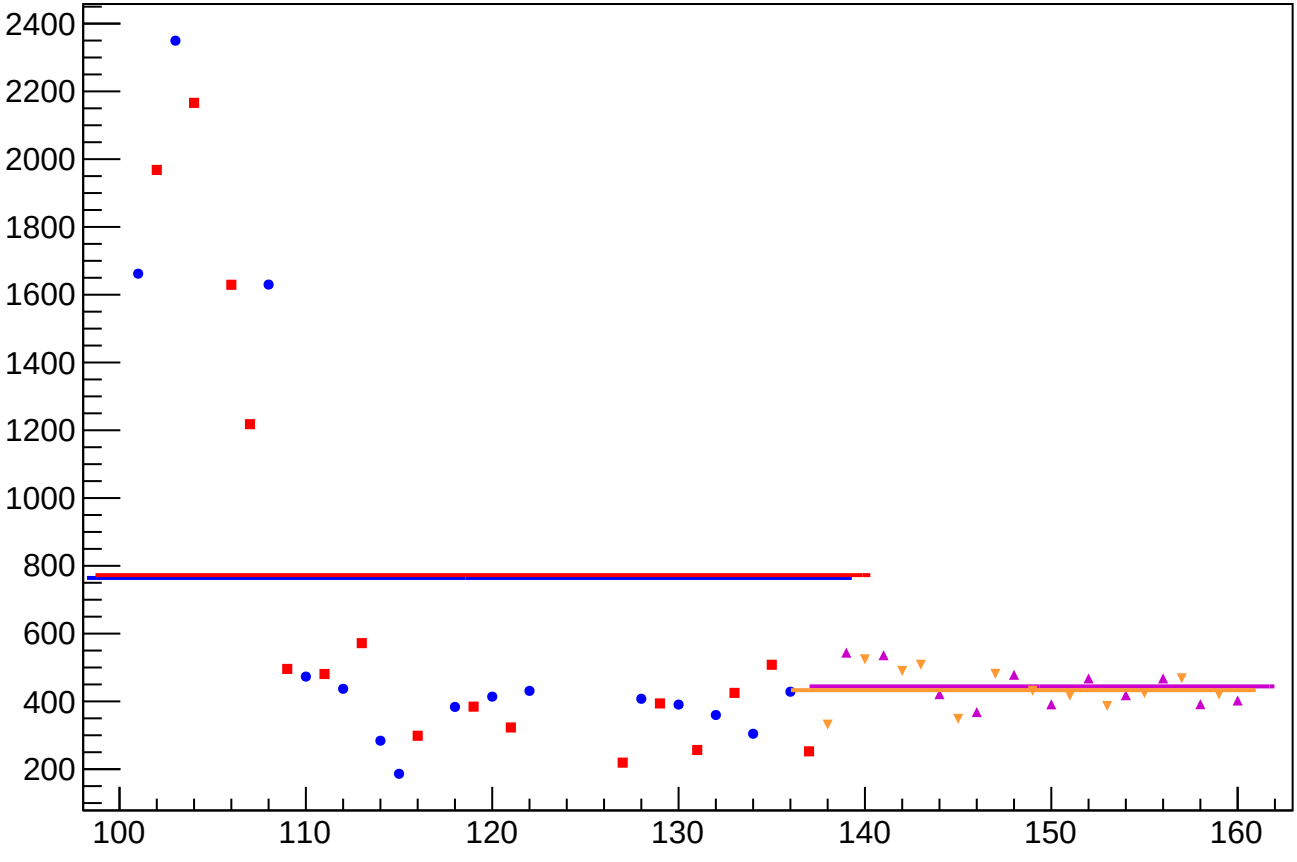
All: 14233.622+/-0.000 χ^2/NDF: 8022211512

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 14189.038+/-0.000 χ^2/NDF: 4253204880235

Left In: 17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

+ sign 570.604+/-0.000 χ^2/NDF: 335667061264854

Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11

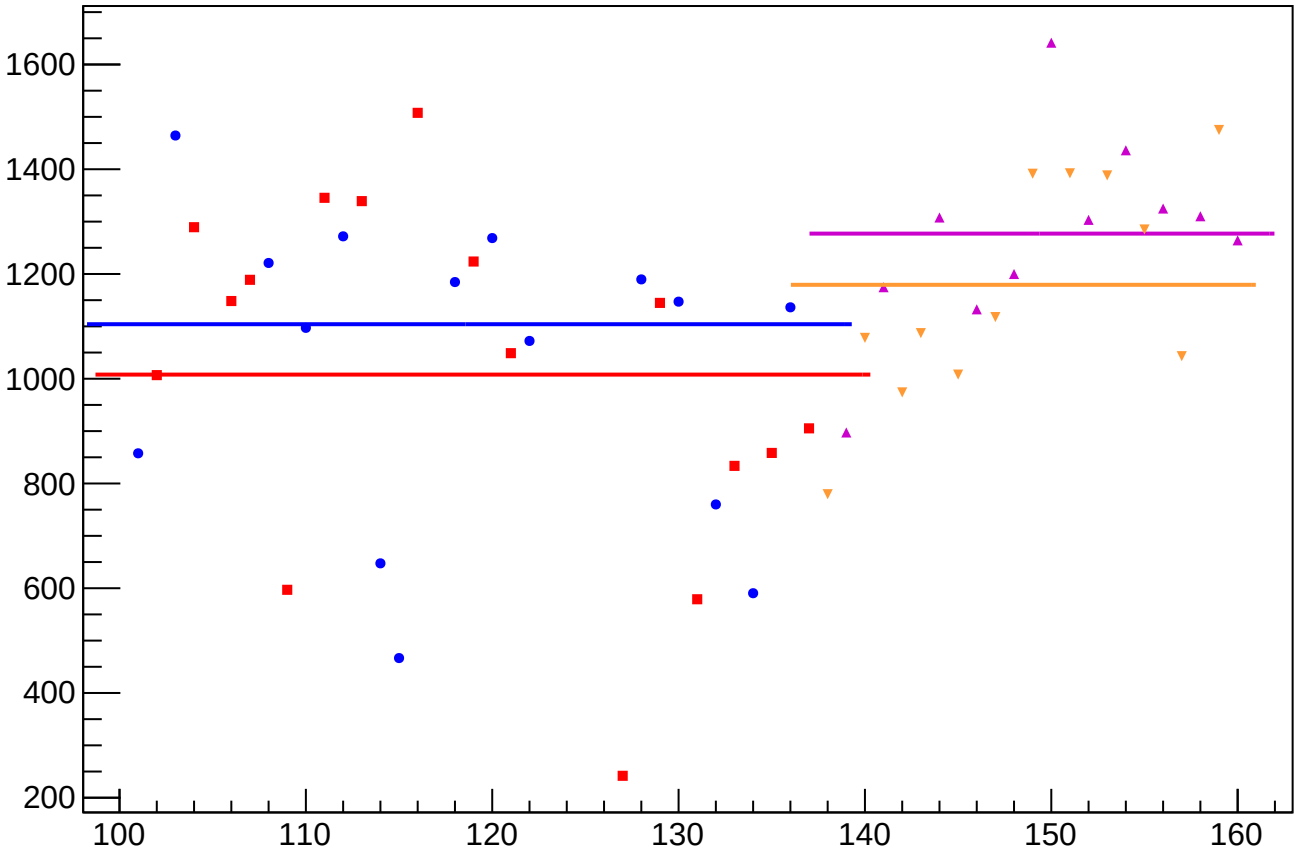
All: 576.292+/-0.000 χ^2/NDF: 666328037619

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 581.880+/-0.000 χ^2/NDF: 330560730510906

Left In: 444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

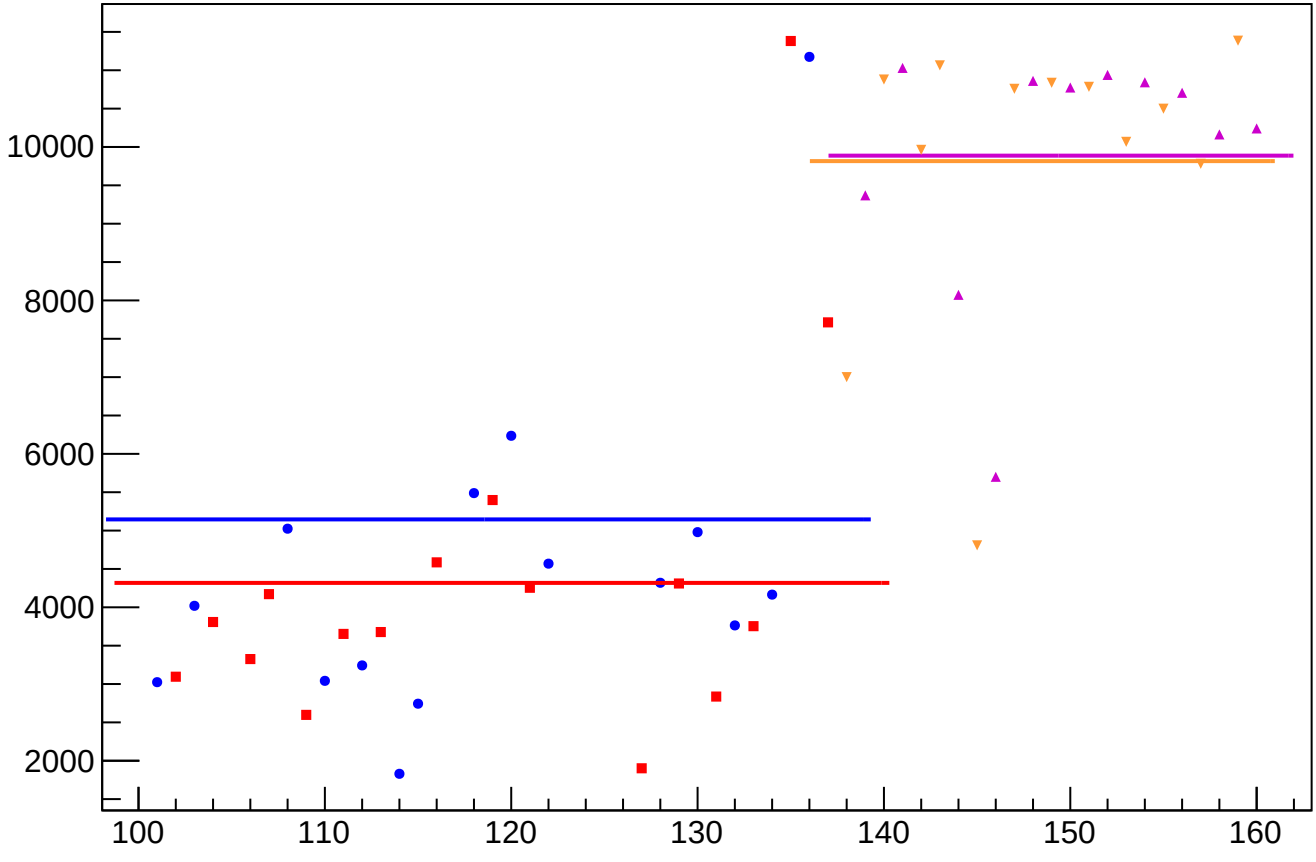
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 7876.592+/-0.000 χ^2/NDF: 15792133720732

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

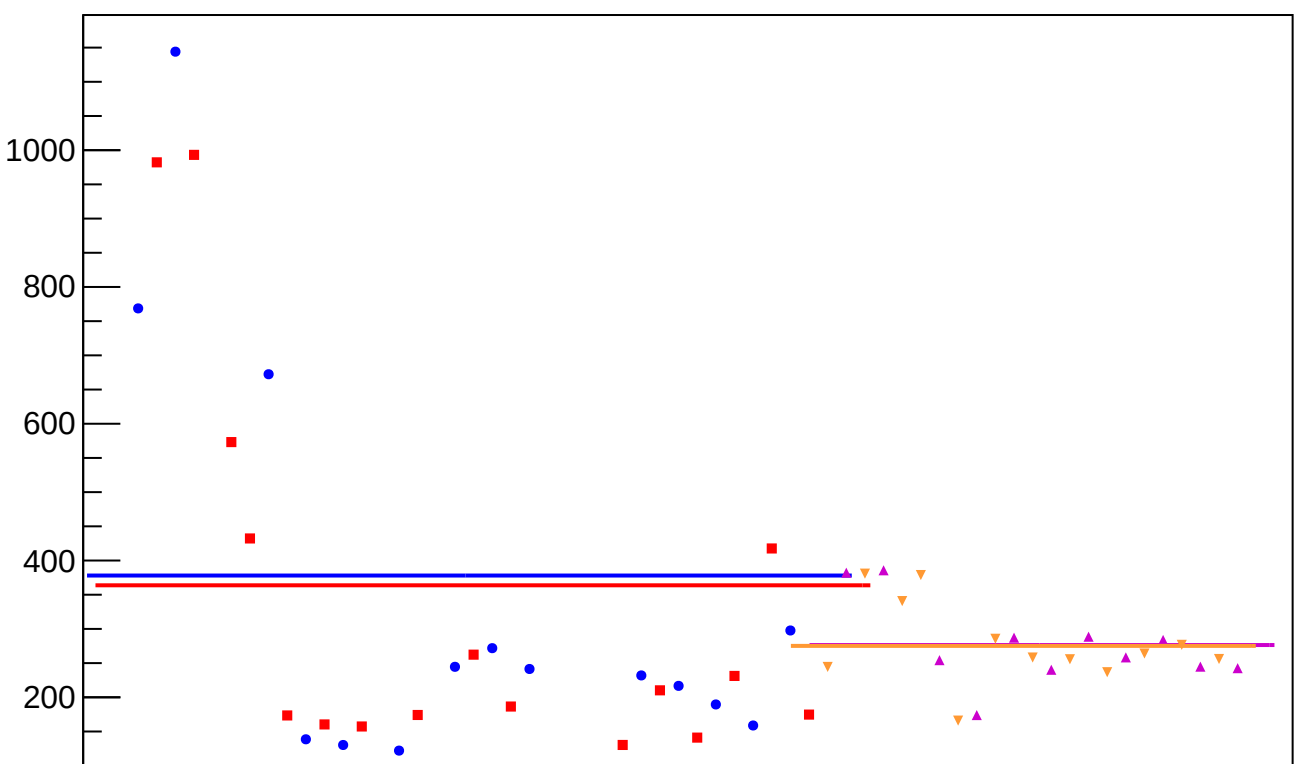
All: 7713.049+/-0.000 χ^2/NDF: 3351230123 5

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15

- sign 7552.383+/-0.000 χ^2/NDF: 17637293606384

Left In: 9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734 7712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 275.181+/-0.000 χ^2/NDF:3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

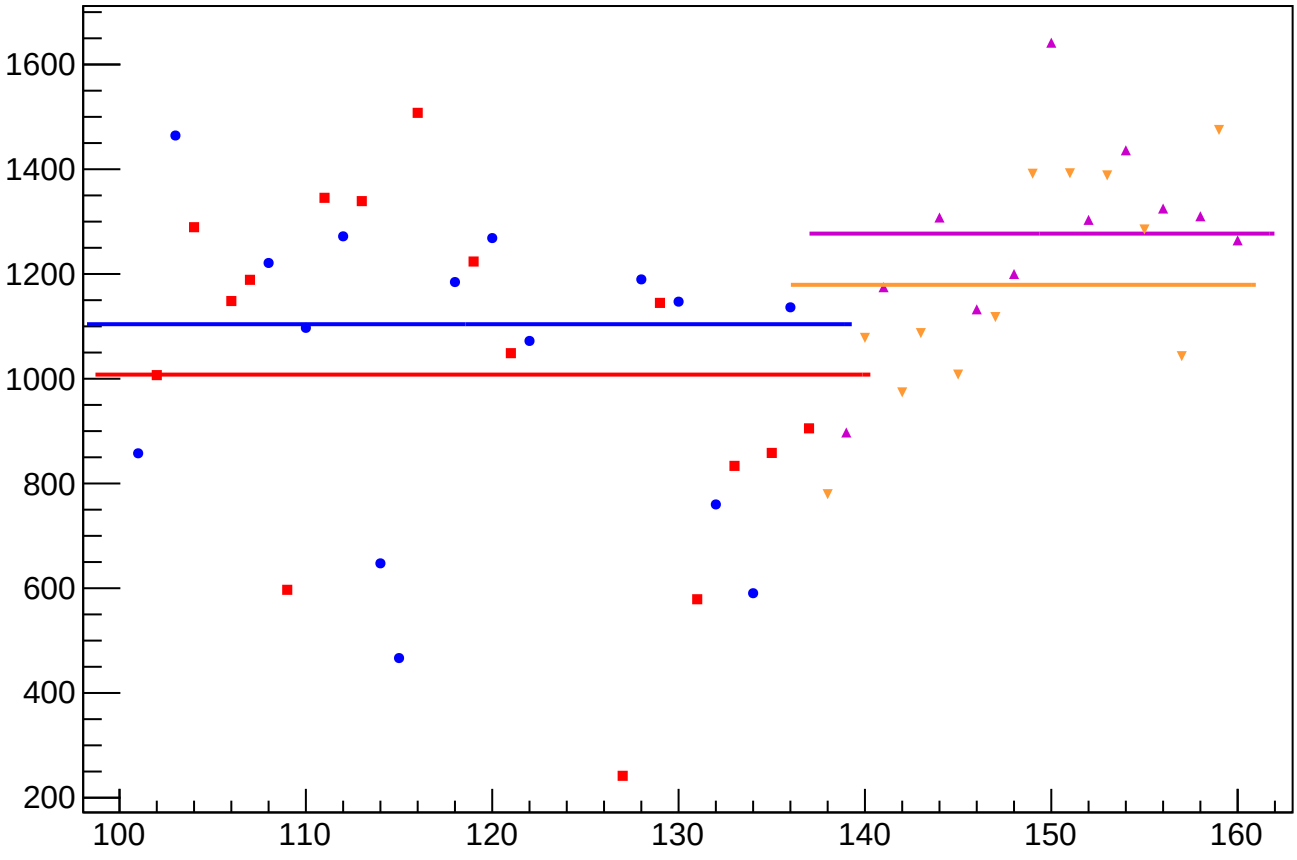
Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF: 685967694208858

All: 315.450+/-0.000 χ^2/NDF: 13377830011 5

- sign 313.047+/-0.000 χ^2/NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

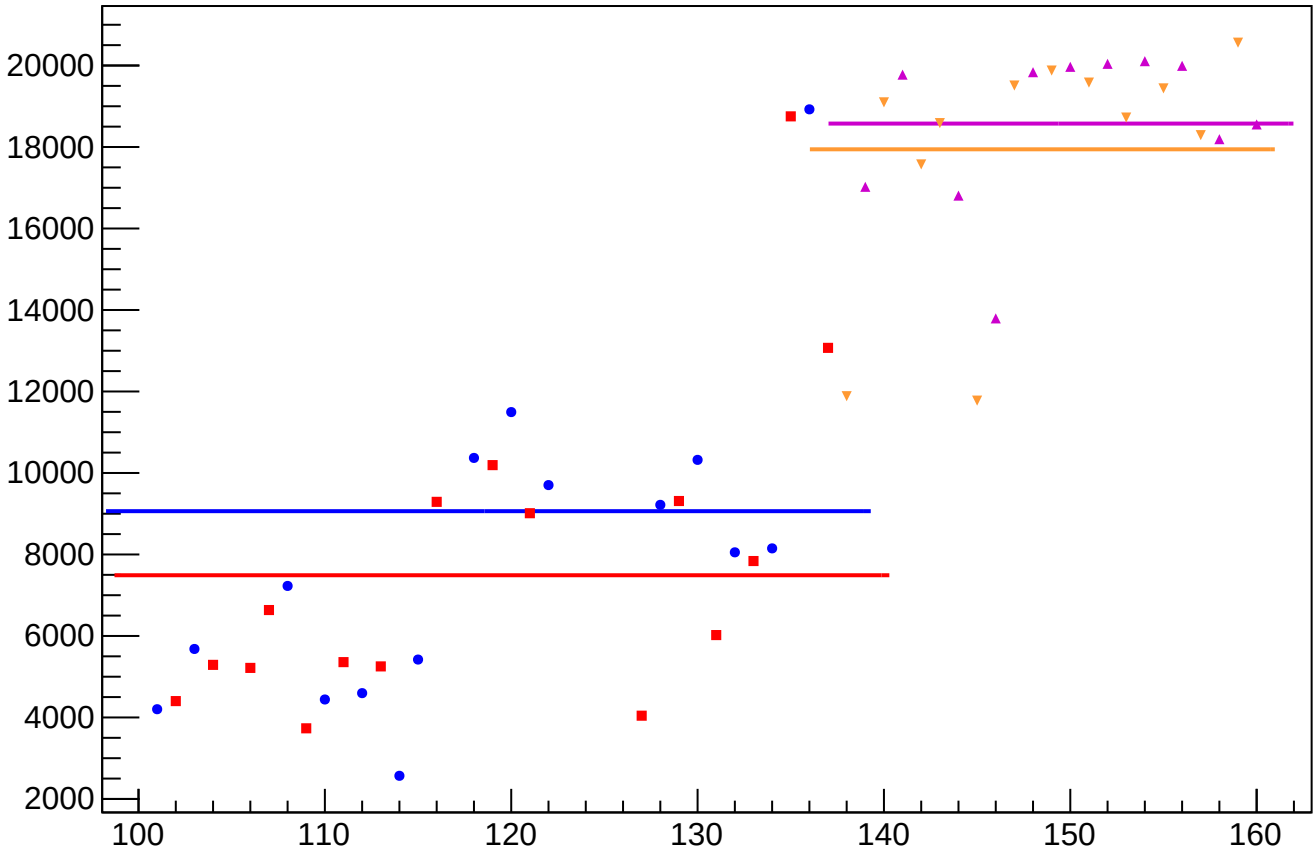
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14255.973+/-0.000 χ^2/NDF: 5102685220080

Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11

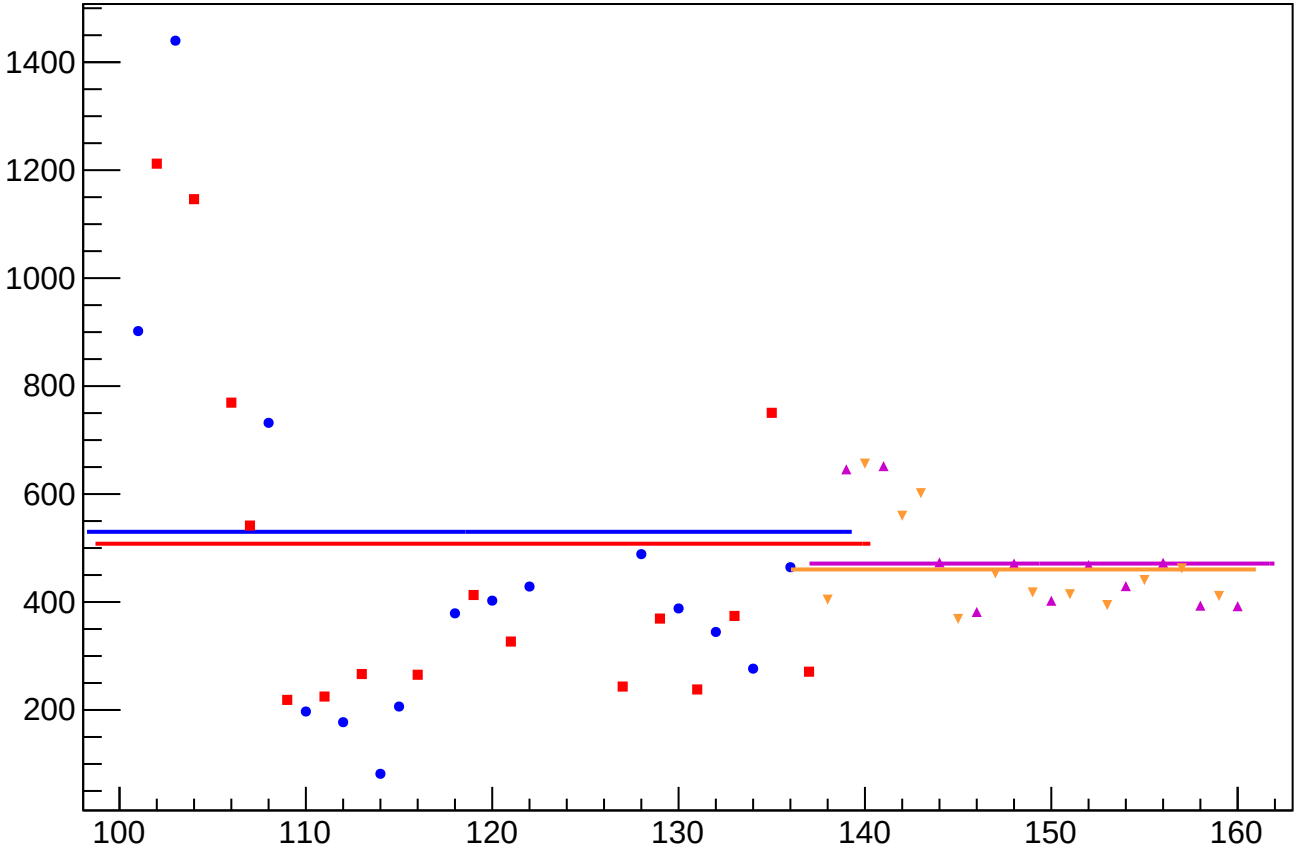
All: 14090.424+/-0.000 χ^2/NDF: 1121885161

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 13927.789+/-0.000 χ^2/NDF: 6107674529188

Left In: 18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

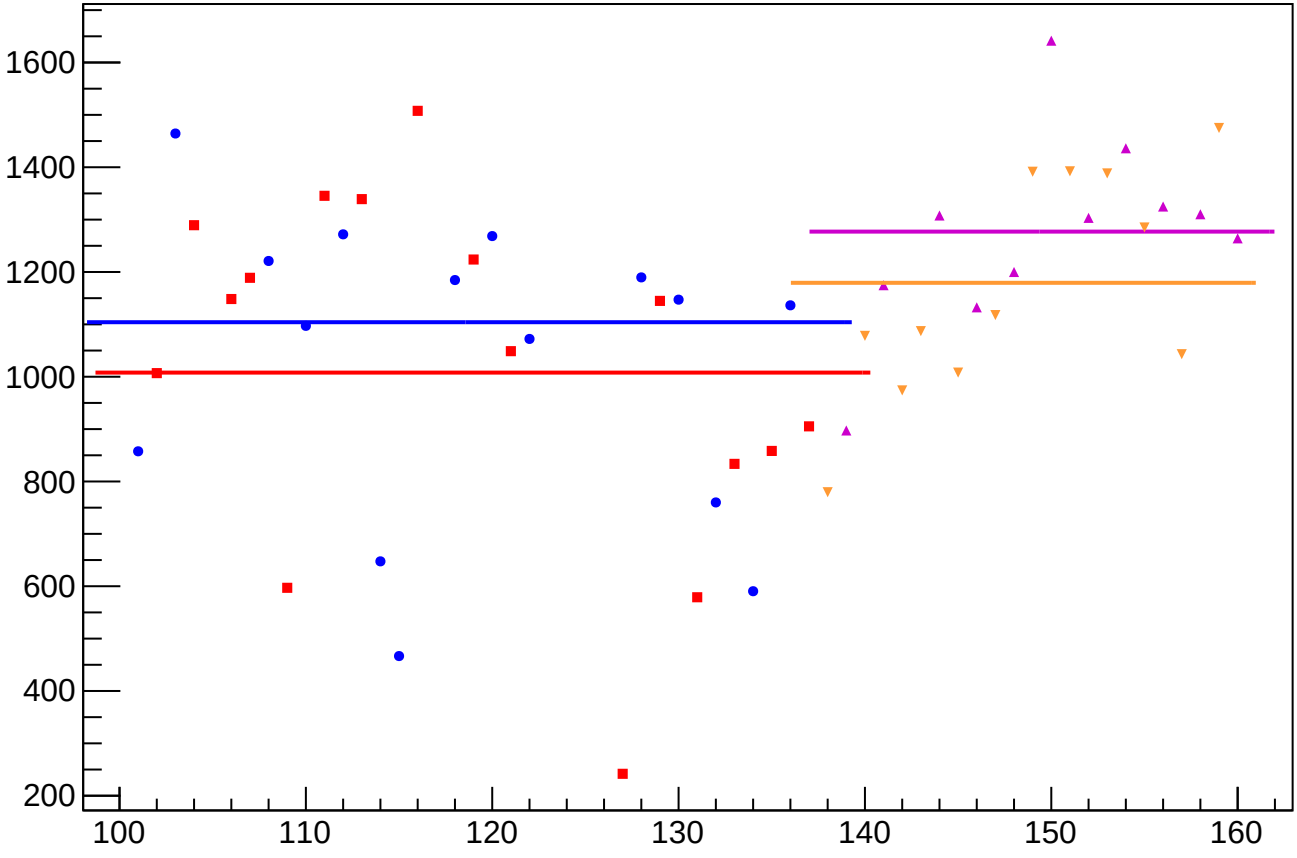
Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ sign 489.272+/-0.000 χ^2/NDF: 873553872862030

All: 487.941+/-0.000 χ^2/NDF: 17202025163 6

- sign 486.633+/-0.000 χ^2/NDF: 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

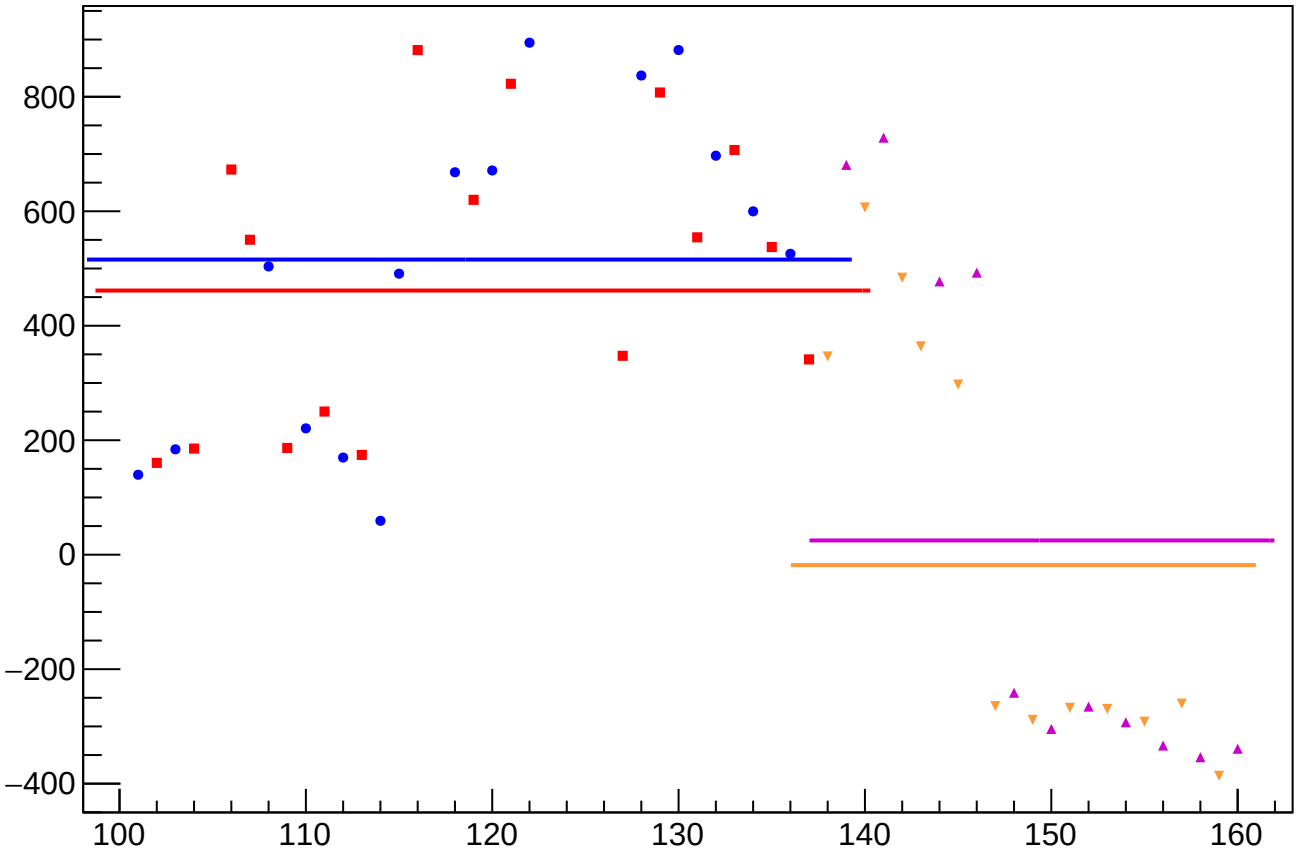
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

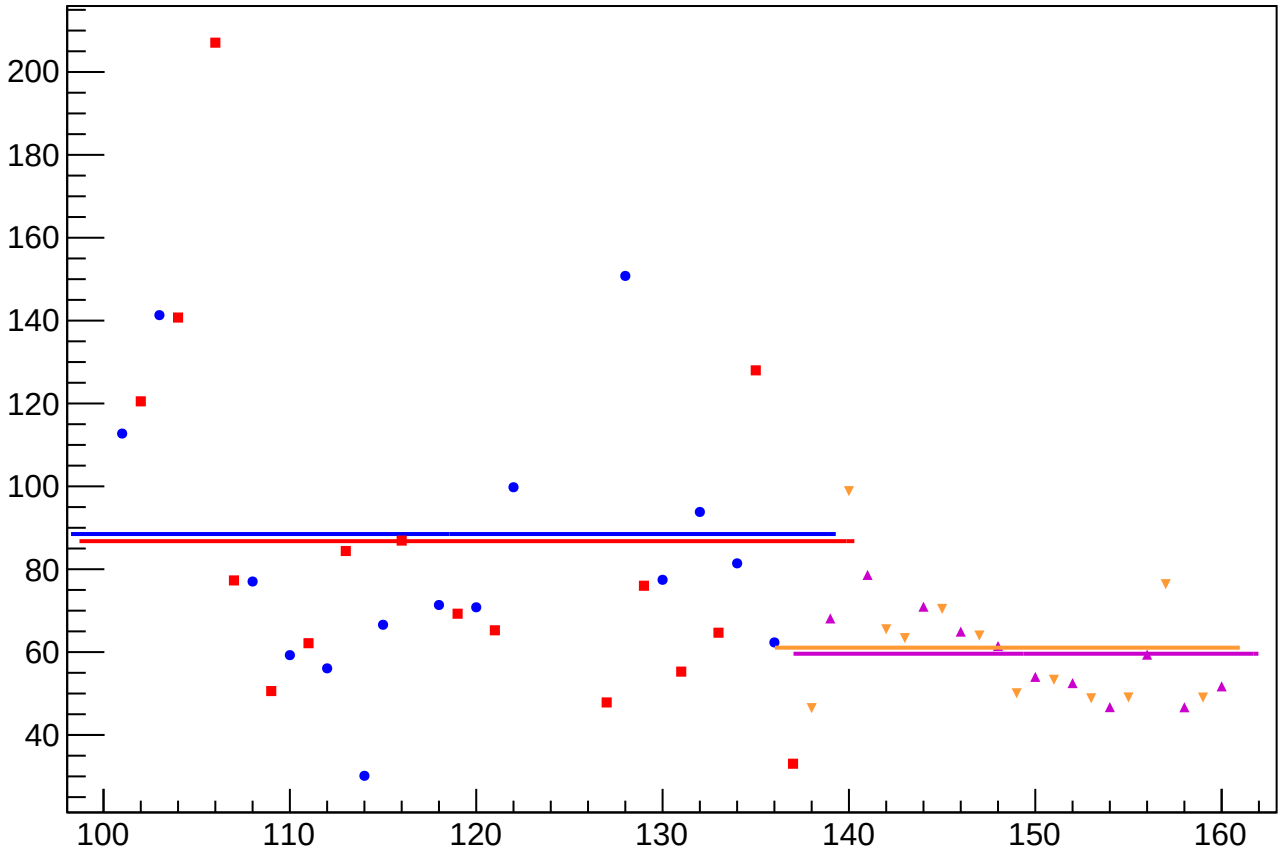
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
+ sign 203.495+/-0.000 χ^2/NDF: 27061307526086 4
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
All: 205.734+/-0.000 χ^2/NDF: 5621128652 05
Right Out: 461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
- sign 207.935+/-0.000 χ^2/NDF: 2914842472029 32
Left In: 24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 72.455+/-0.000 χ^2/NDF: 1140205339739572

Left Out: 61.067+/-0.000 χ^2/NDF:2115070802130485076473310779612856 32.0/11

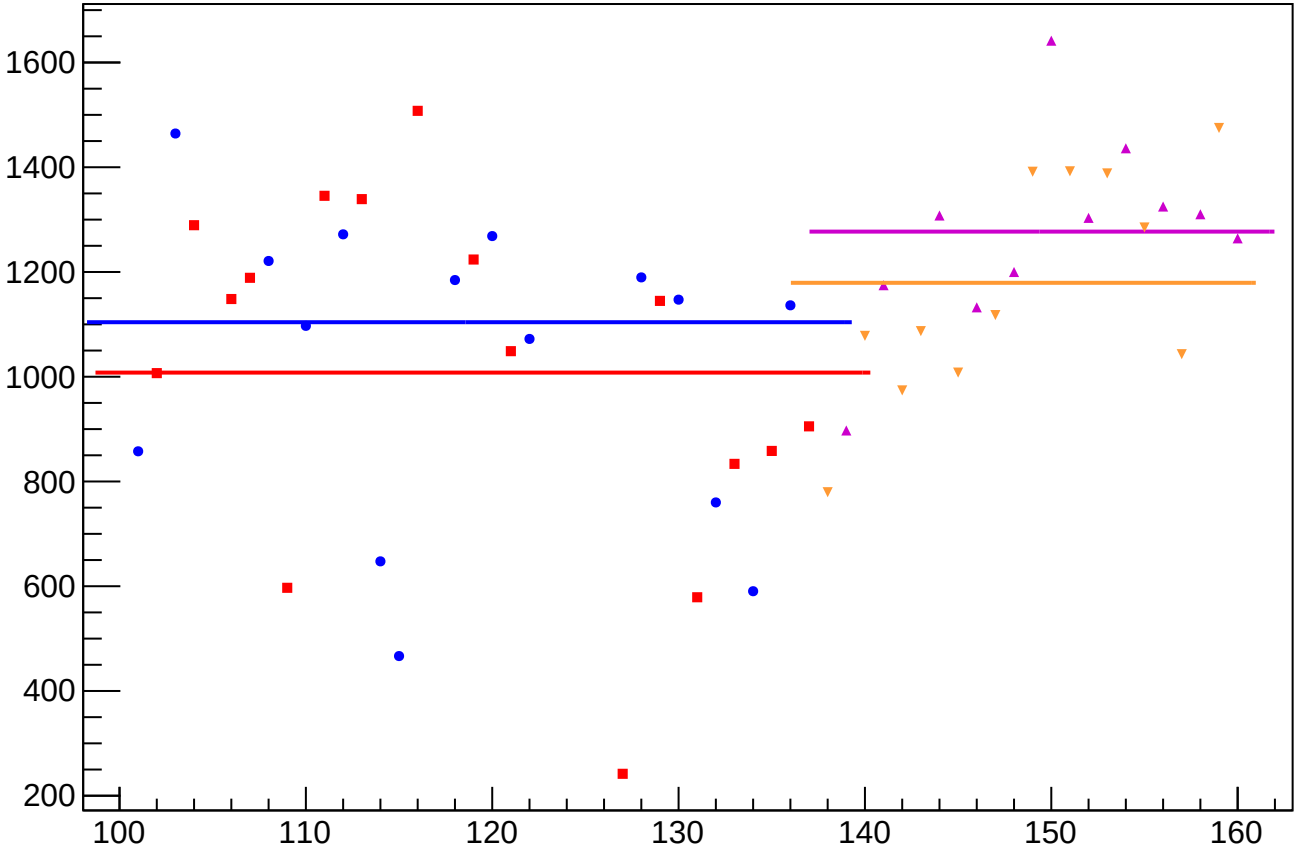
All: 71.718+/-0.000 χ^2/NDF: 2577899671839

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 70.994+/-0.000 χ^2/NDF: 1436012461961461

Left In: 59.604+/-0.000 χ^2/NDF:9086262518198566437532346316803276 8.0/10

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

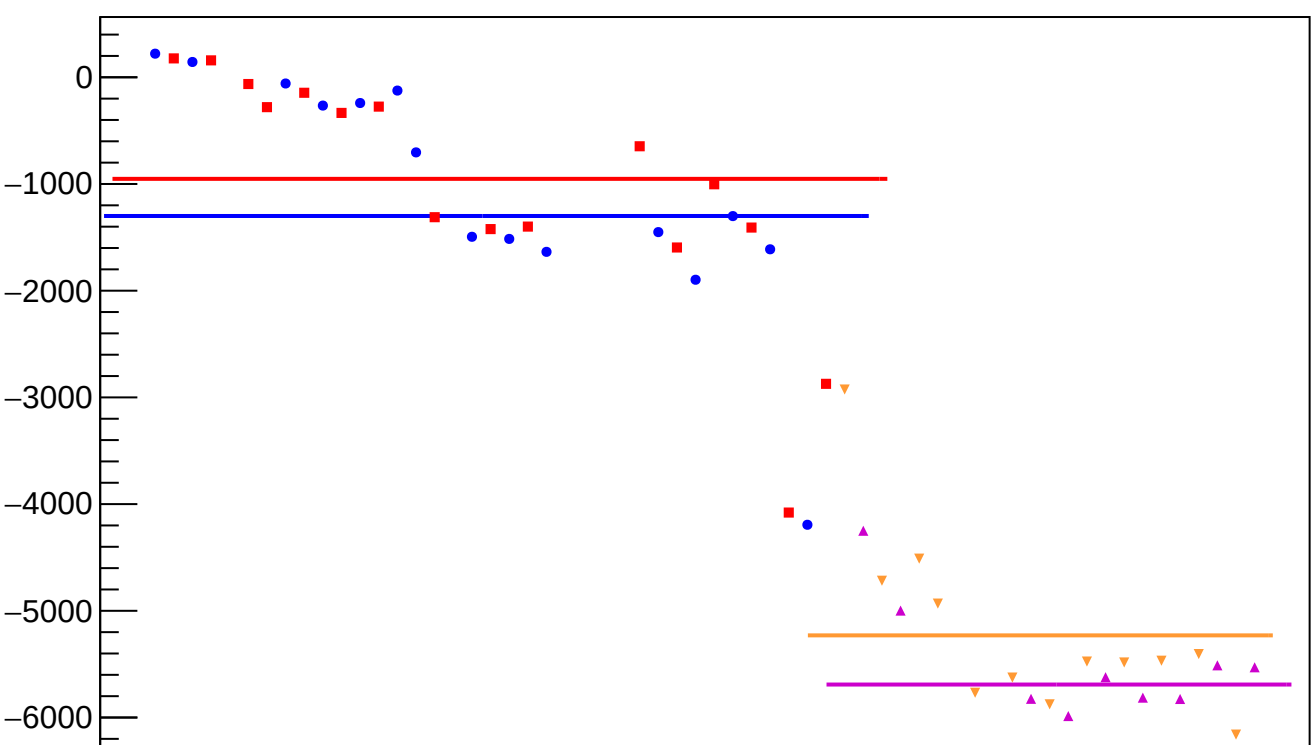
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

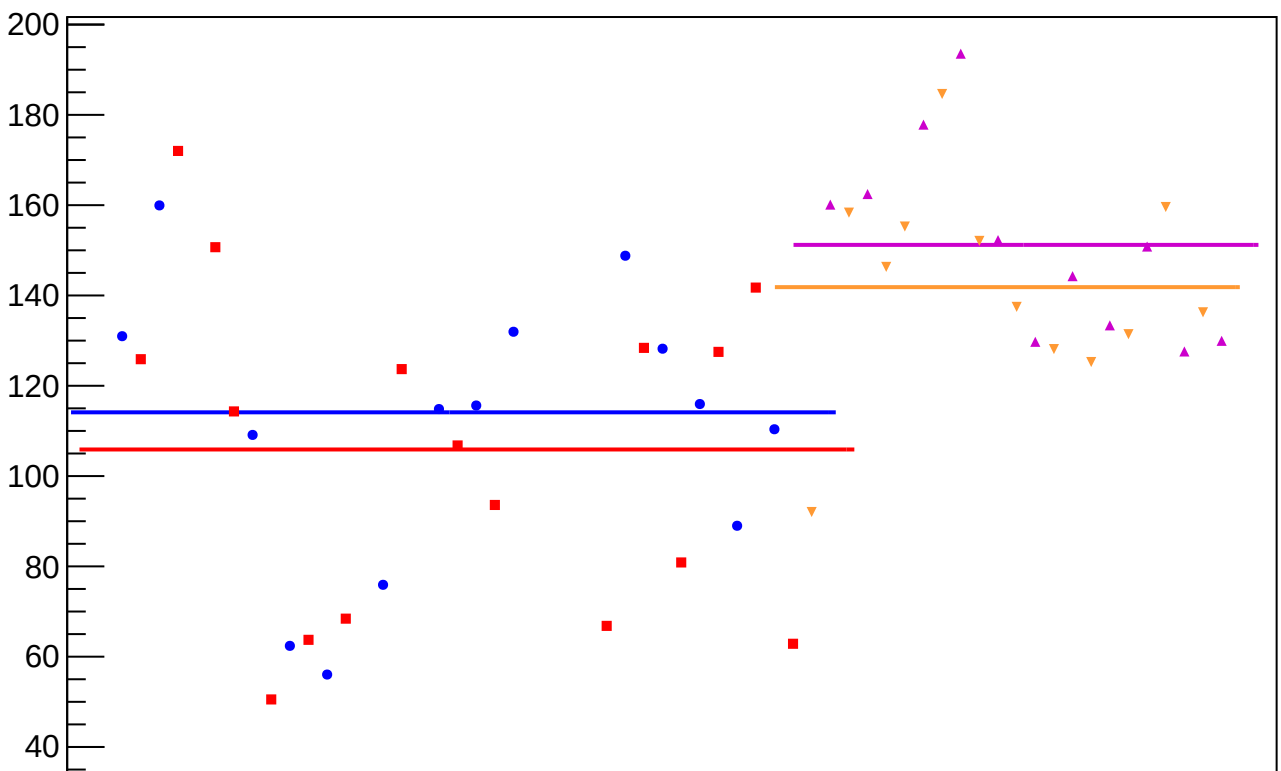
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
+ sign -3598.213+/-0.000 χ^2/NDF: 7683373457426
Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11
All: -3651.666+/-0.000 χ^2/NDF: 1758908860
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3704.179+/-0.000 χ^2/NDF: 98968619860202
Left Out: -5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

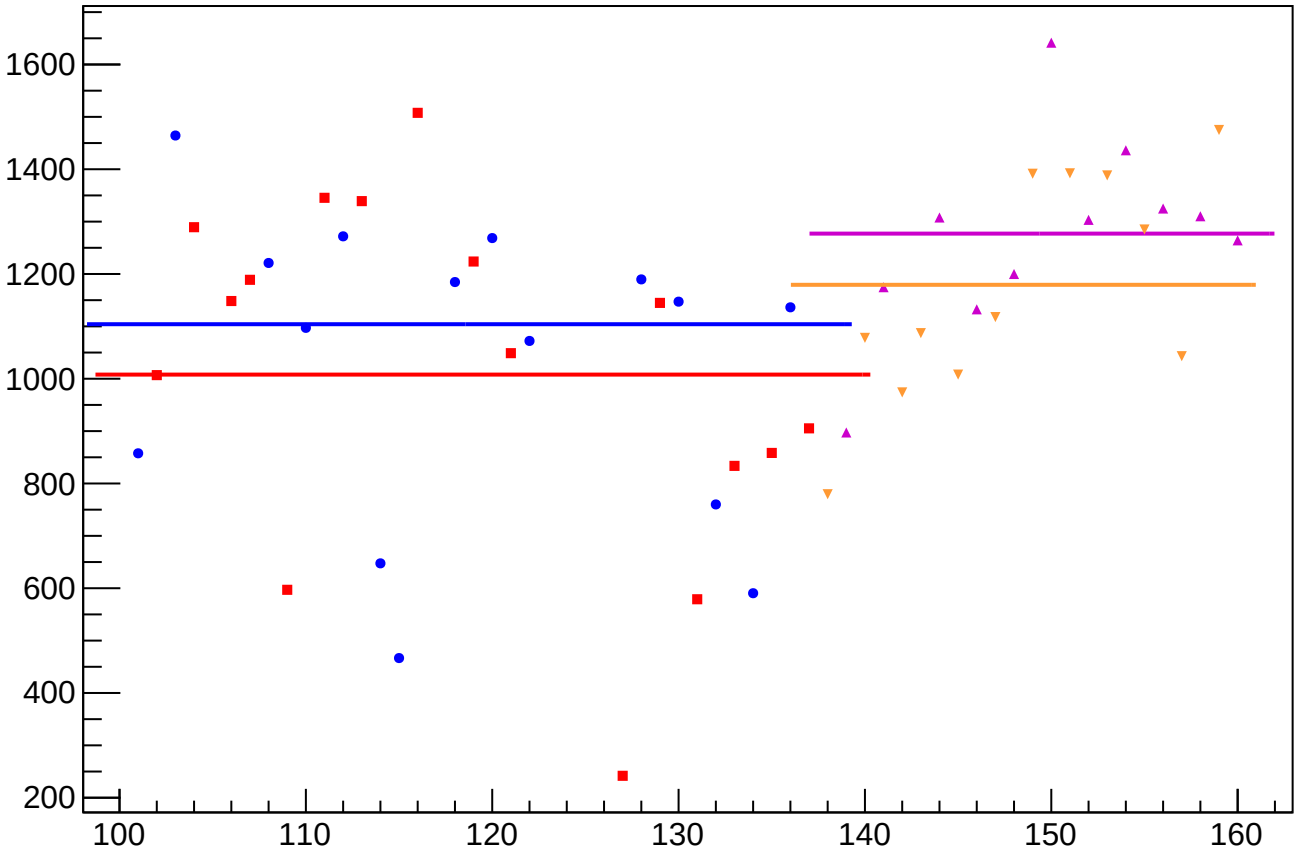
Left In: 151.203+/-0.000 χ^2/NDF:382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF: 135424557525506

All: 131.277+/-0.000 χ^2/NDF: 33864992632

- sign 132.206+/-0.000 χ^2/NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

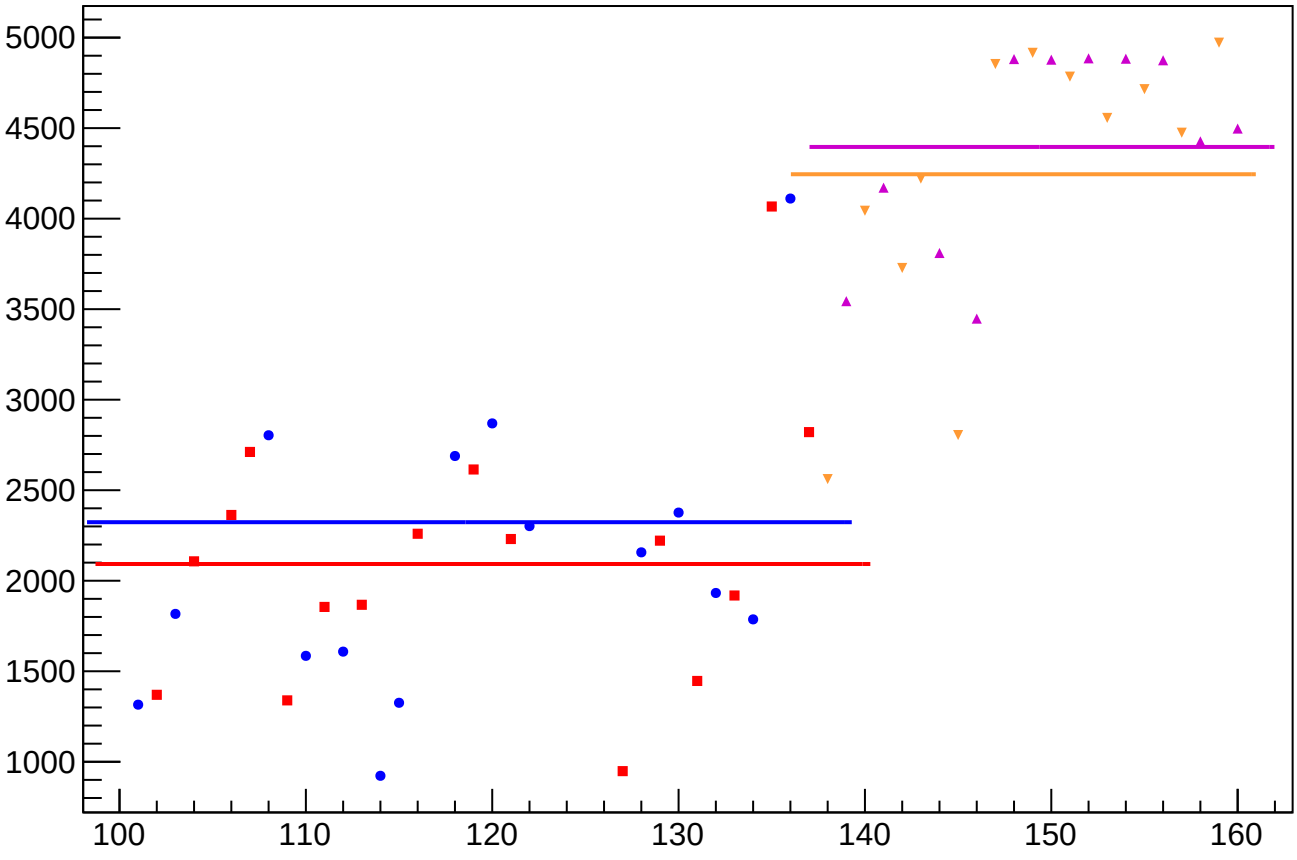
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

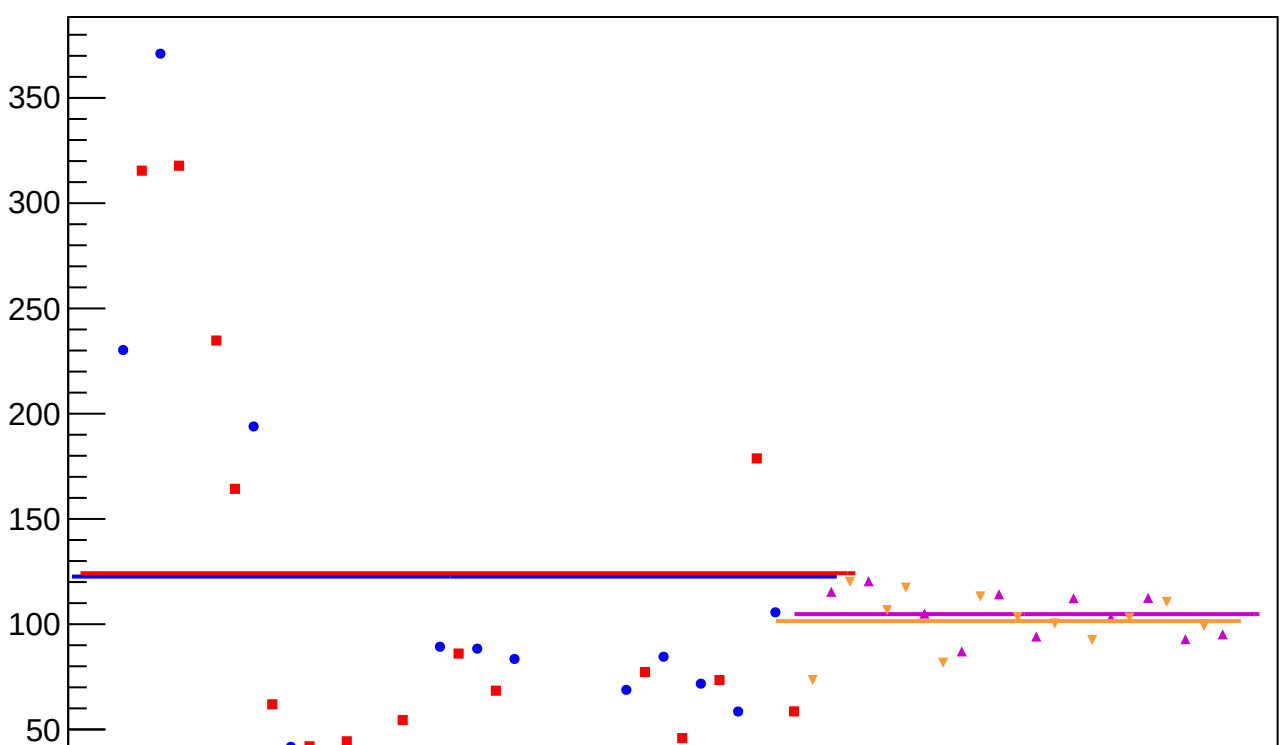
Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

+ sign 3447.245+/-0.000 χ^2/NDF: 2438290741396

All: 3438.707+/-0.000 χ^2/NDF: 5131604048

- sign 3430.319+/-0.000 χ^2/NDF: 26930874223674

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.470+/-0.000 χ^2/NDF:1636065866092155151746011396204134 40.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

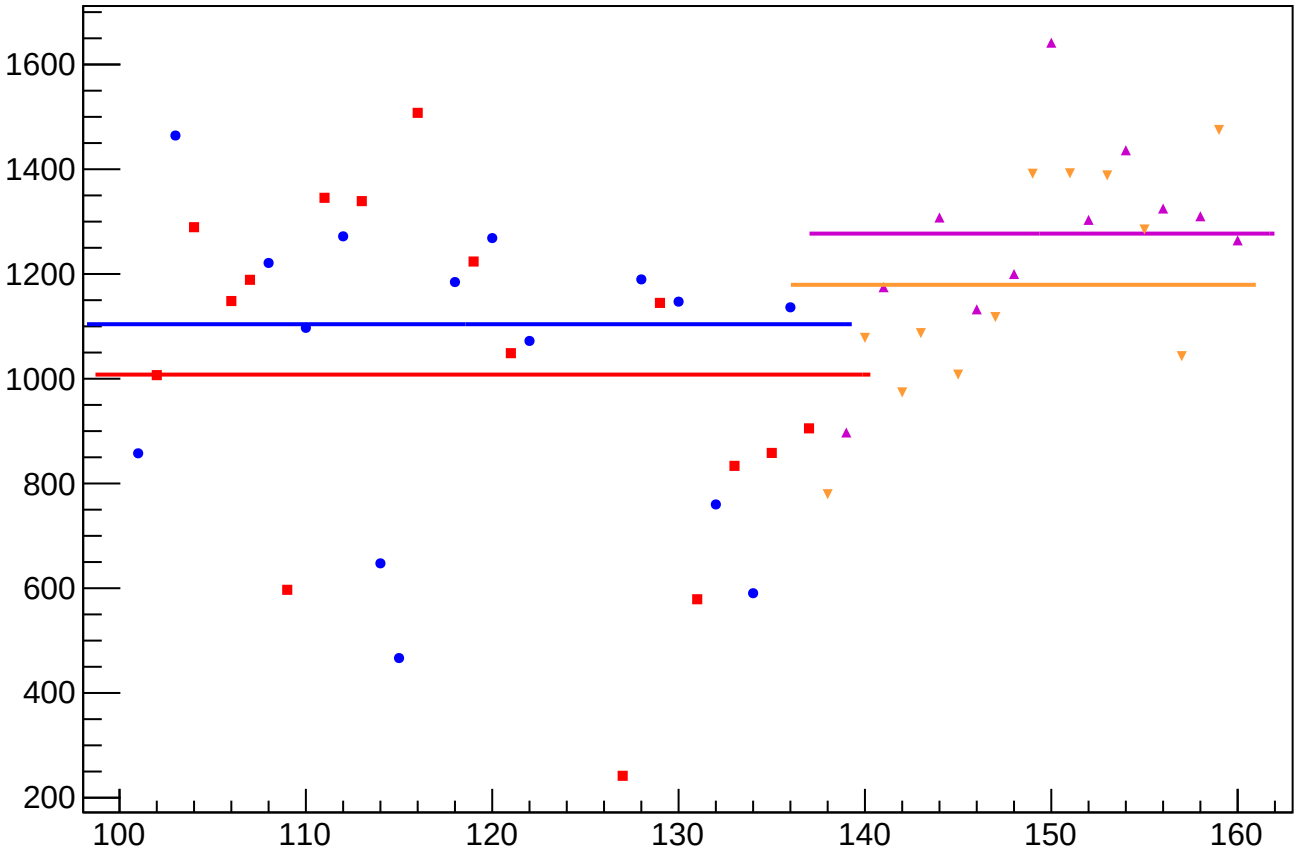
Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ sign 110.253+/-0.000 χ^2/NDF: 627090967671002

All: 111.604+/-0.000 χ^2/NDF: 13074452472 3

- sign 112.932+/-0.000 χ^2/NDF: 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

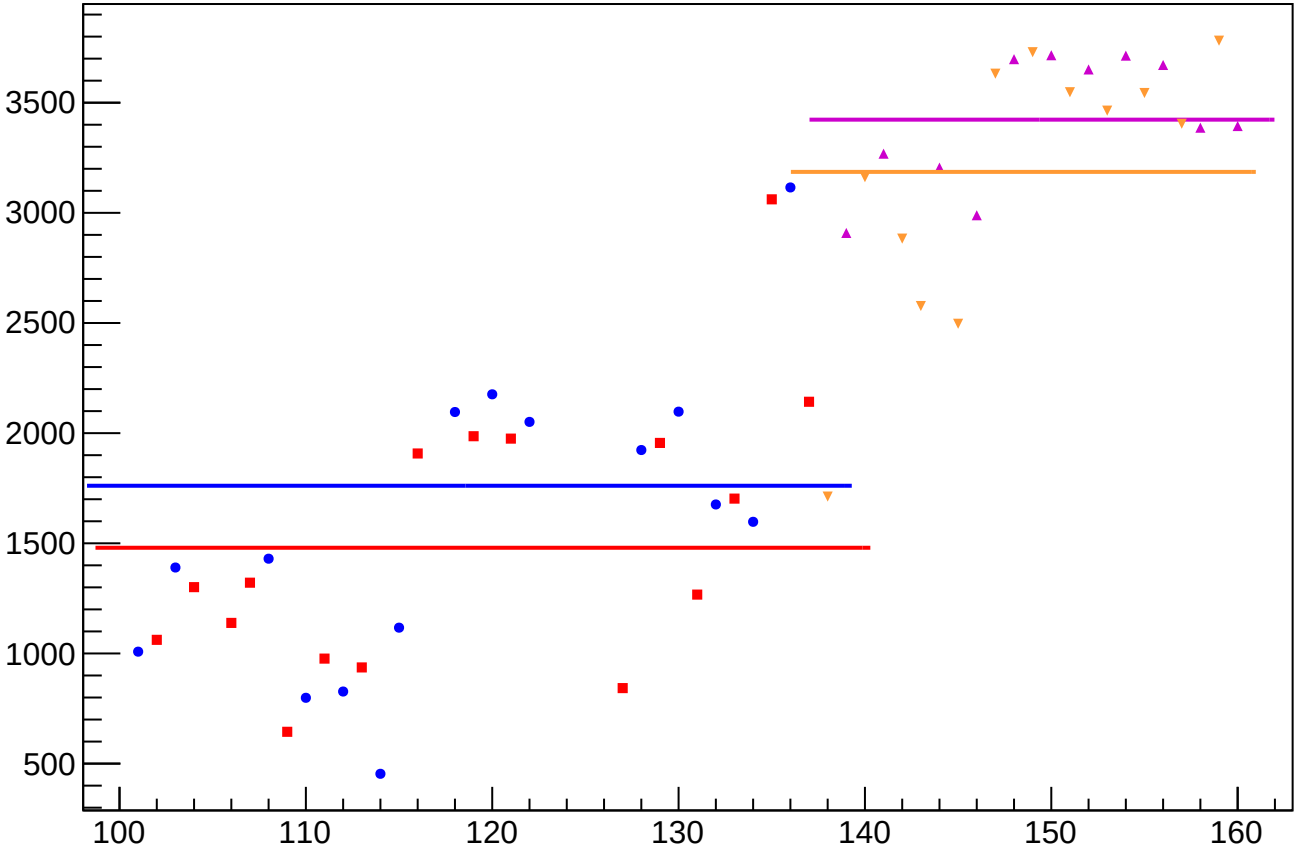
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

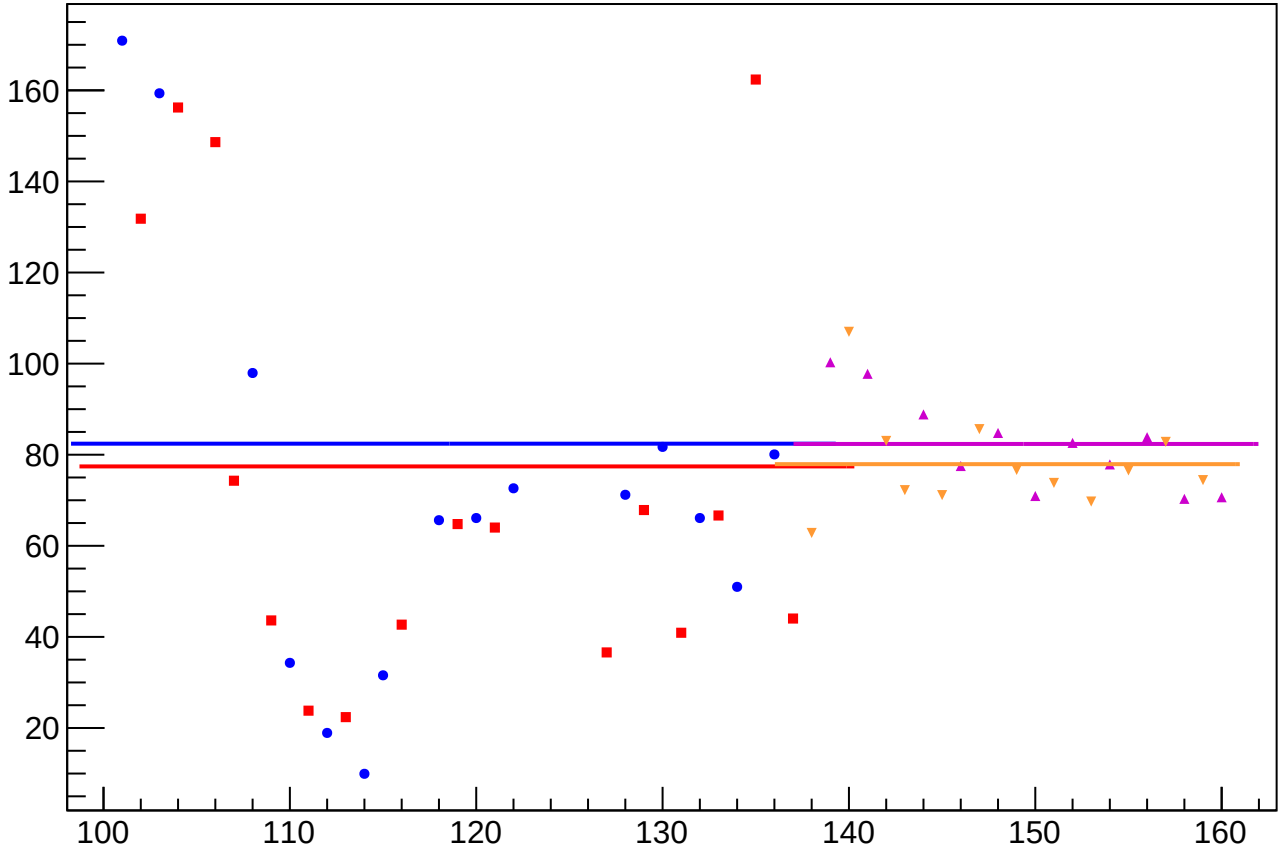
Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ sign 2594.359+/-0.000 χ^2/NDF: 1437464688432

All: 2601.420+/-0.000 χ^2/NDF: 3238374299

- sign 2608.357+/-0.000 χ^2/NDF: 18007551336700

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 79.794+/-0.000 χ^2/NDF: 1380118069986945

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

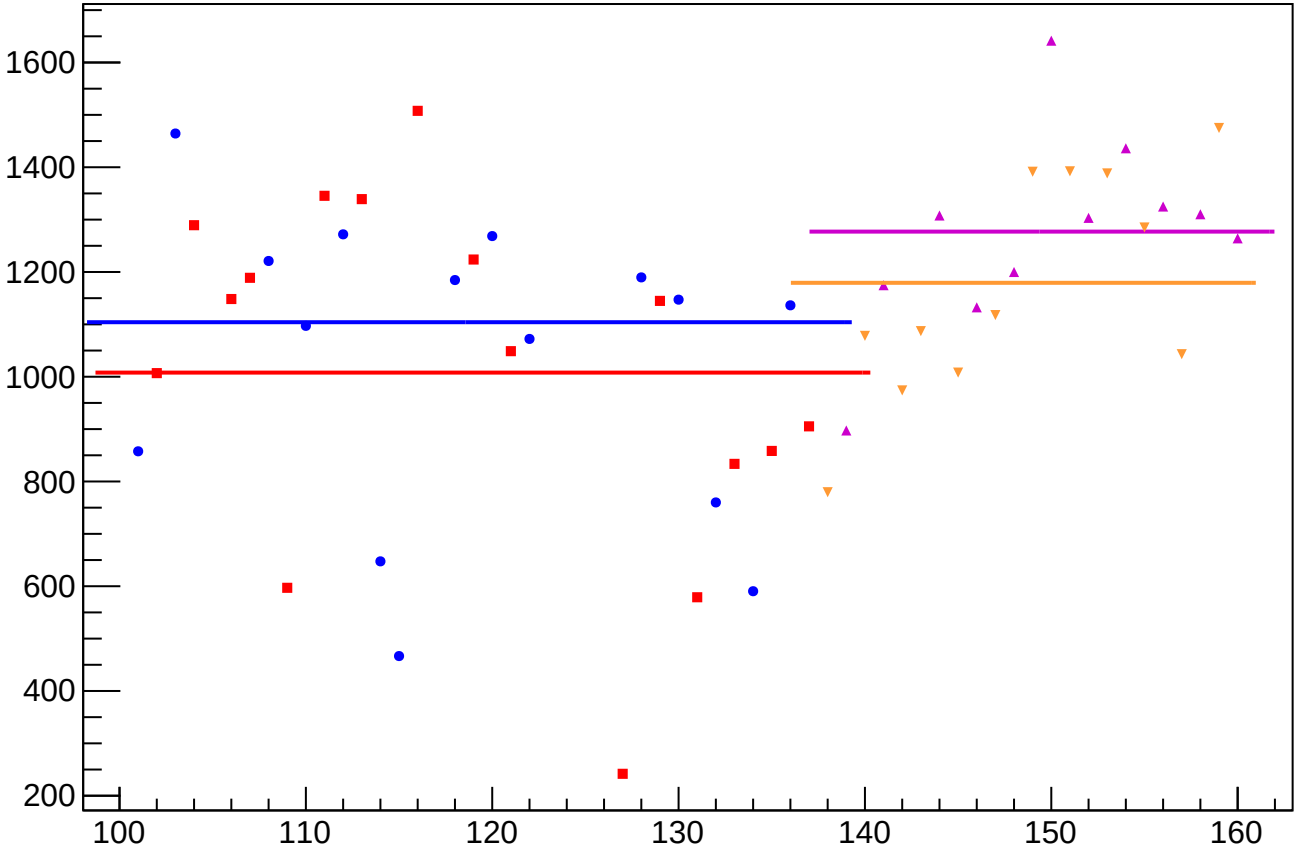
All: 80.046+/-0.000 χ^2/NDF: 299335194248 3

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 80.294+/-0.000 χ^2/NDF: 1613036492452020

Left In: 82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

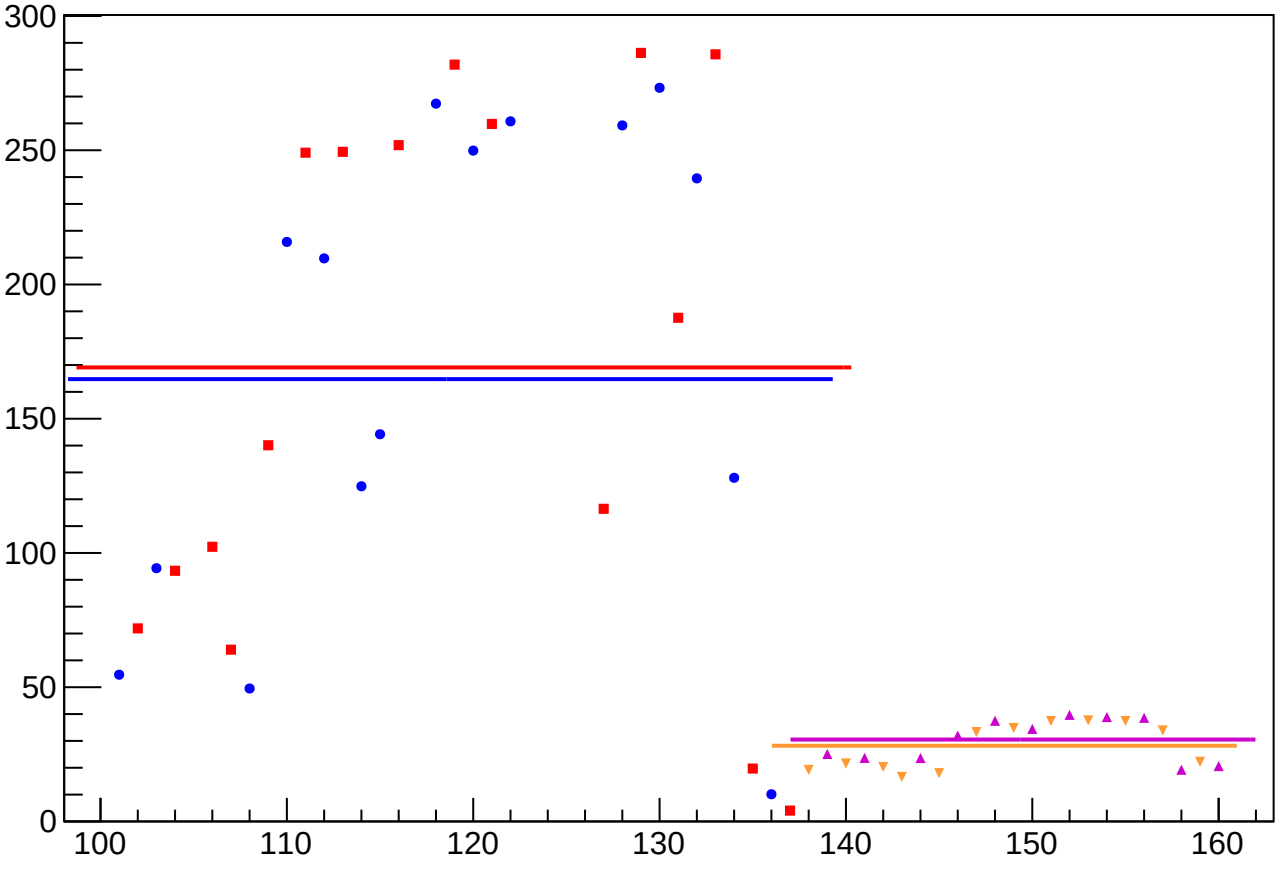
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 84.895+/-0.000 χ^2/NDF: 1350932583122595

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

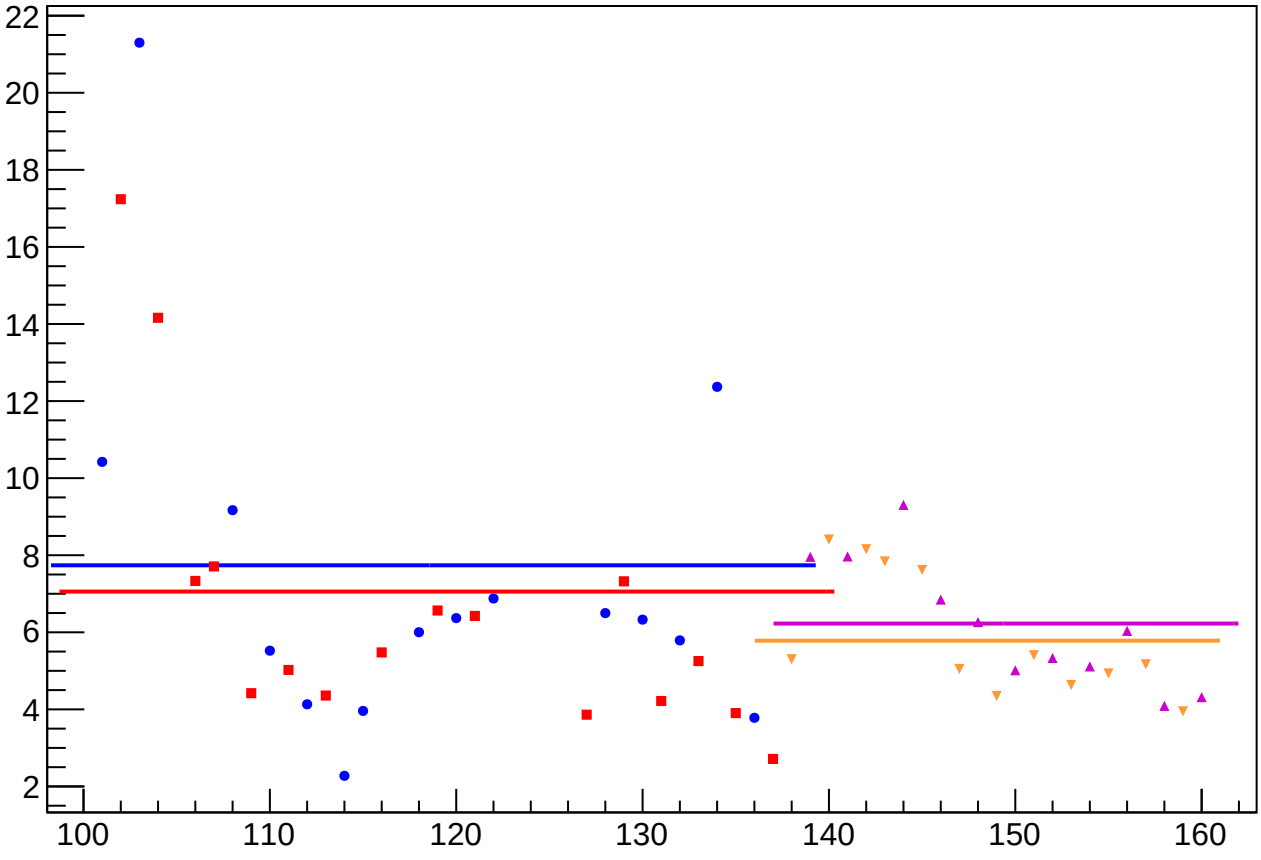
All: 86.771+/-0.000 χ^2/NDF: 2705497277682

Right Out: 169.108+/-0.000 χ^2/NDF: 6040721802042936822766910687819071488.0/15

- sign 88.613+/-0.000 χ^2/NDF: 1353475070284198

Left In: 30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.595+/-0.000 χ^2/NDF: 18660029983466047

Left Out: 5.783+/-0.000 χ^2/NDF:20821036504112099958625190061015 04.0/11

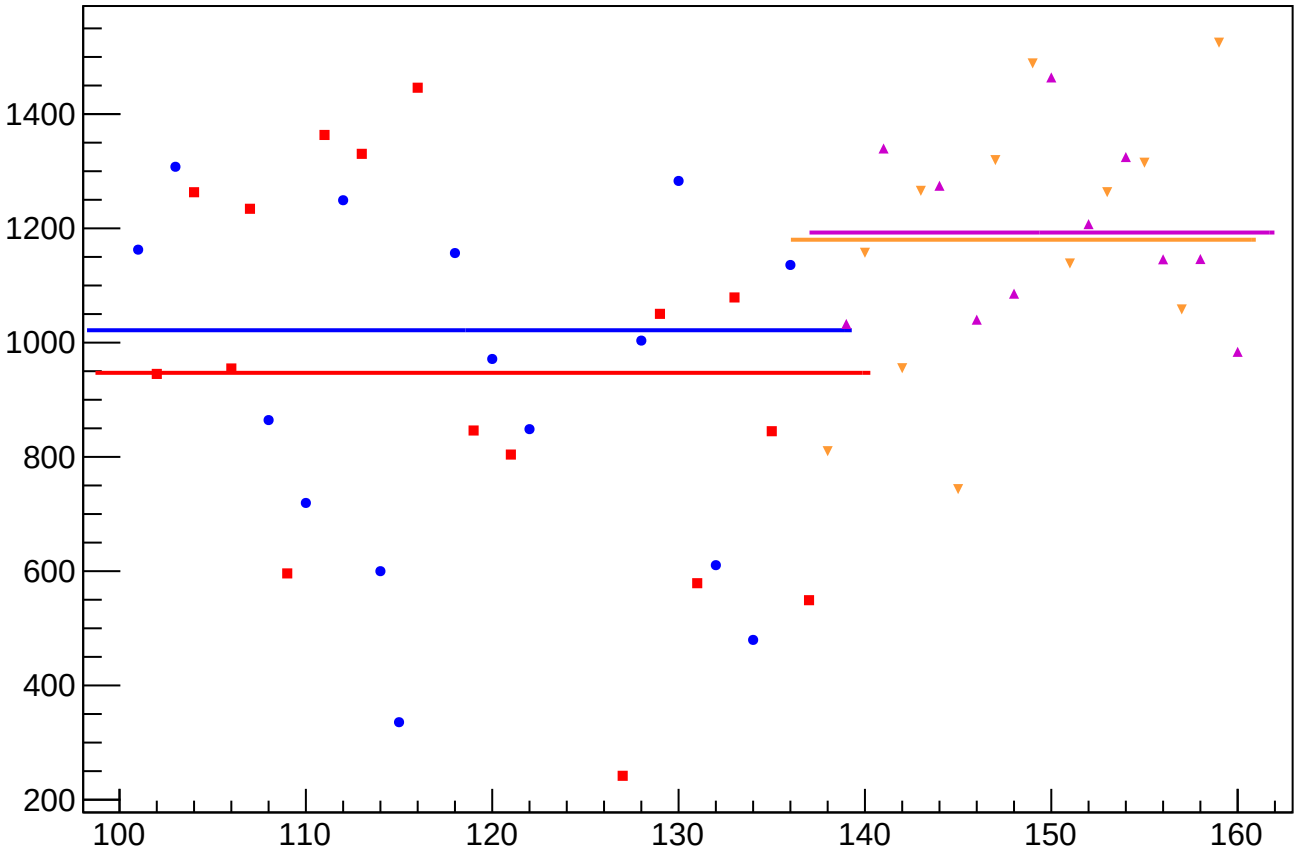
All: 6.585+/-0.000 χ^2/NDF: 3255111946980 5

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 6.575+/-0.000 χ^2/NDF: 13890781213861884

Left In: 6.228+/-0.000 χ^2/NDF:23319117516557338093554890241474 56.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

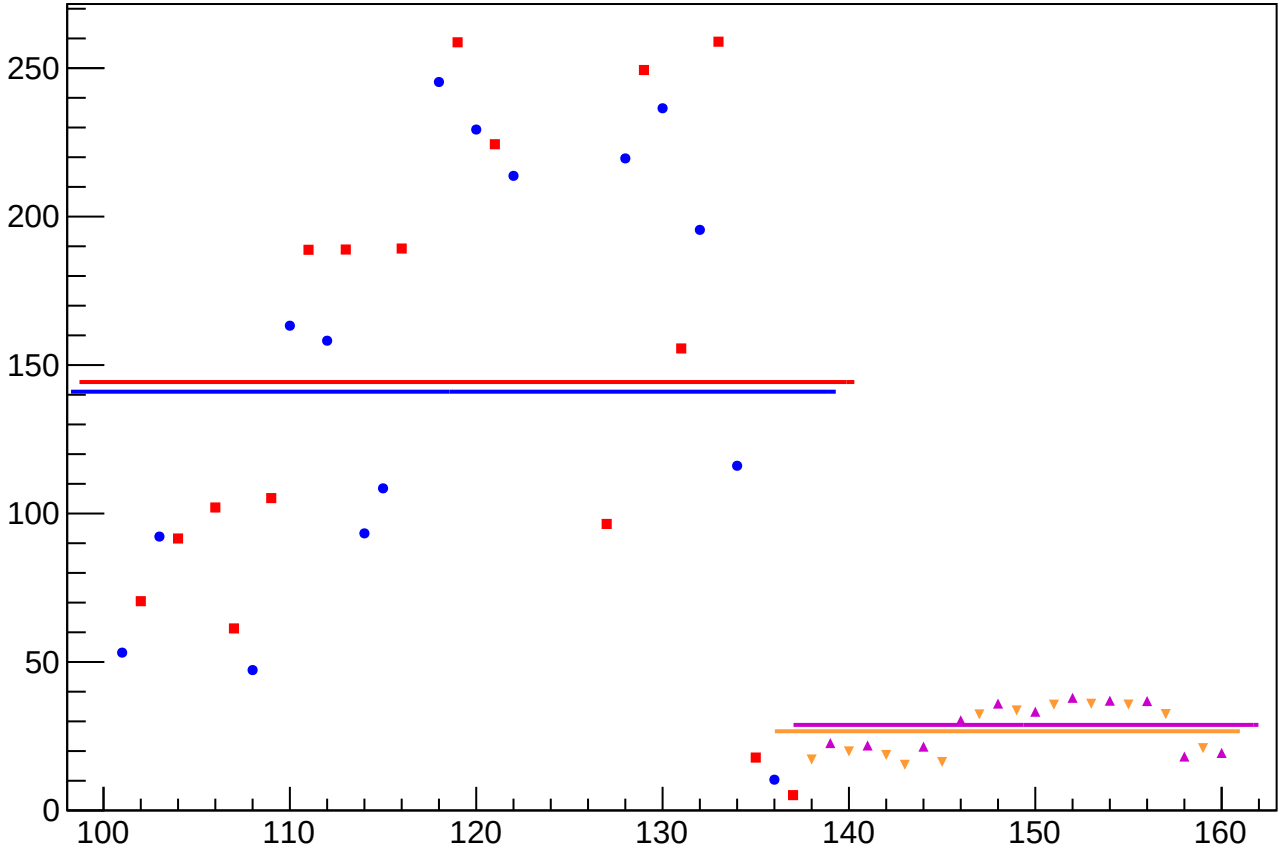
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.155+/-0.000 χ^2/NDF: 9534162342398363

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

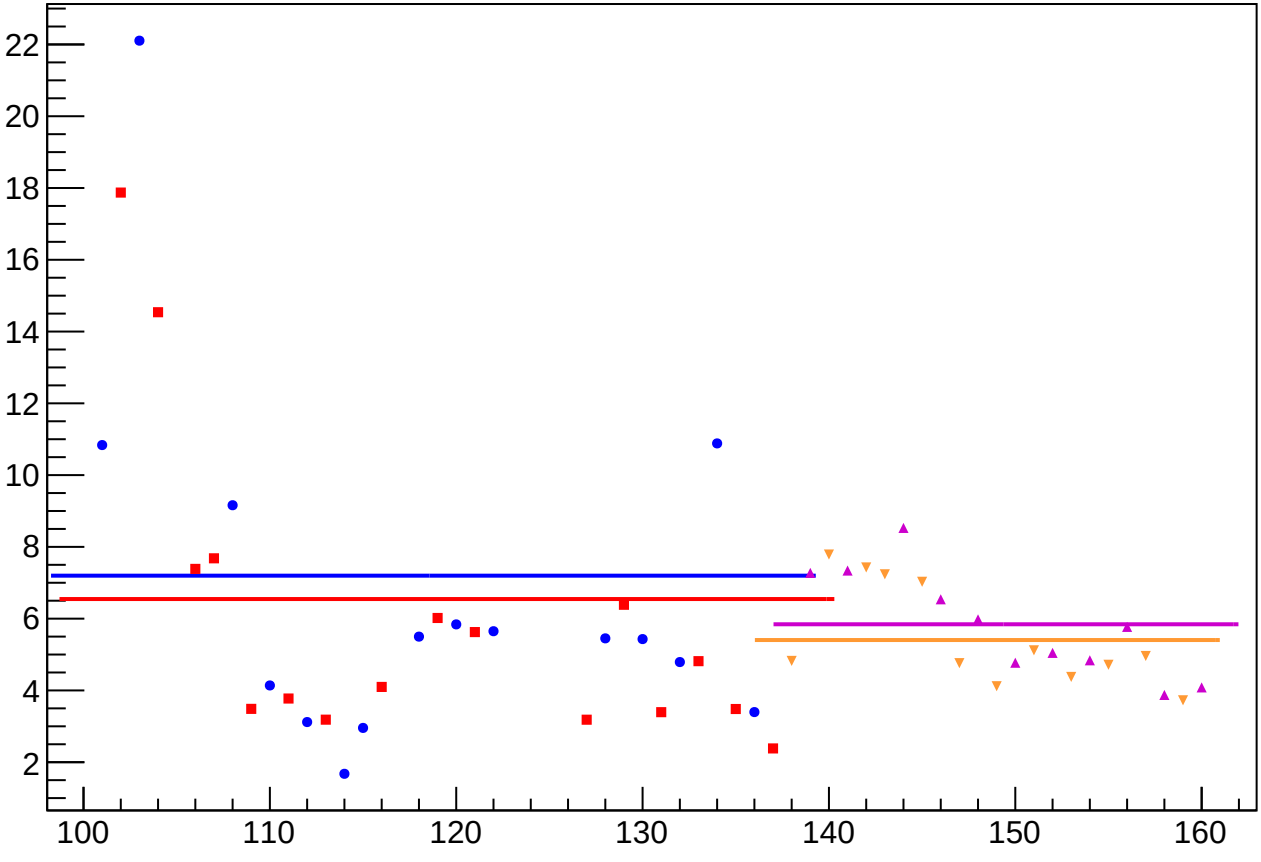
All: 75.703+/-0.000 χ^2/NDF: 1902686413208

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF: 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:16574766732227345495360624153067 52.0/11

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

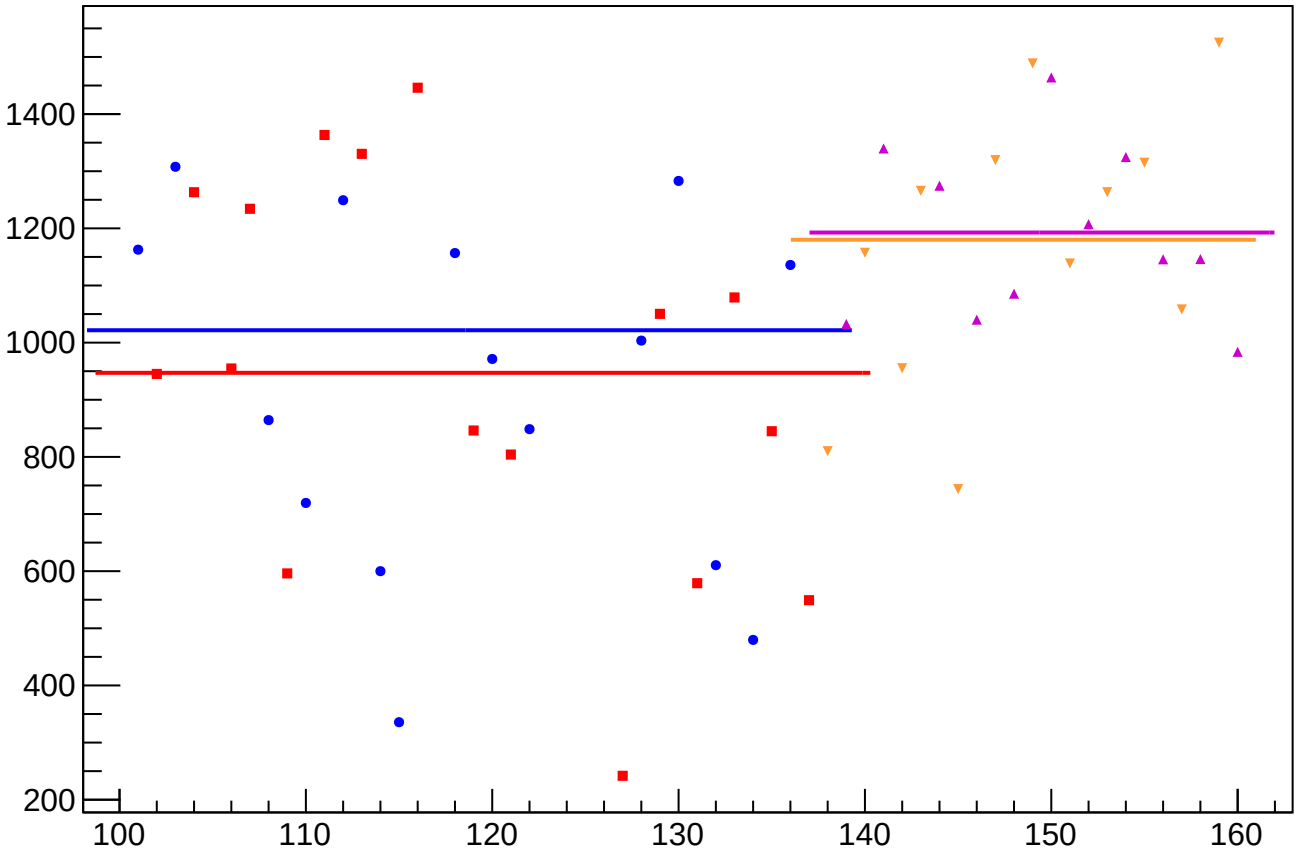
Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ sign 6.149+/-0.000 χ^2/NDF: 2109105727582817 7

All: 6.144+/-0.000 χ^2/NDF: 3719444625202 6

- sign 6.138+/-0.000 χ^2/NDF: 1610329718374636 8

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

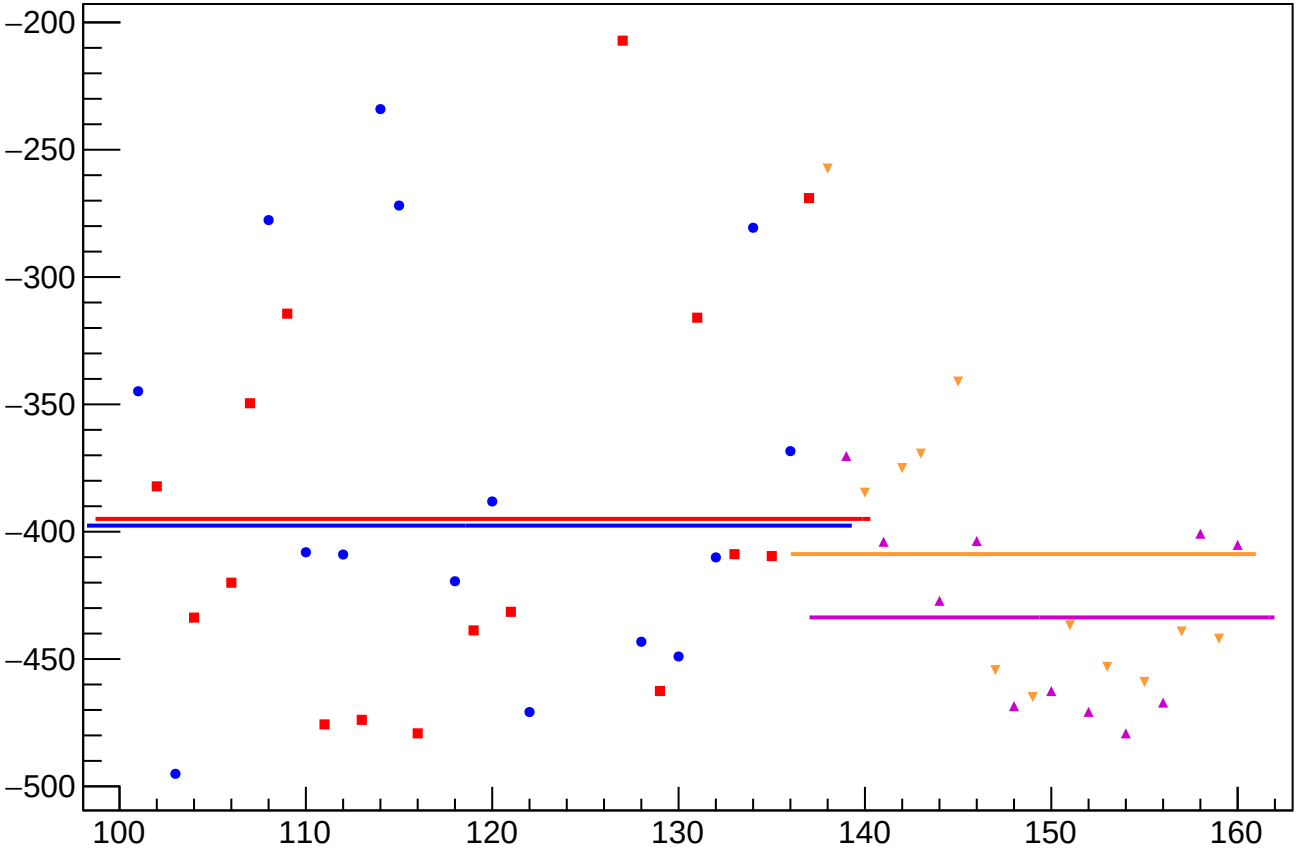
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -404.151+/-0.000 χ^2/NDF: 60752984444318

Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11

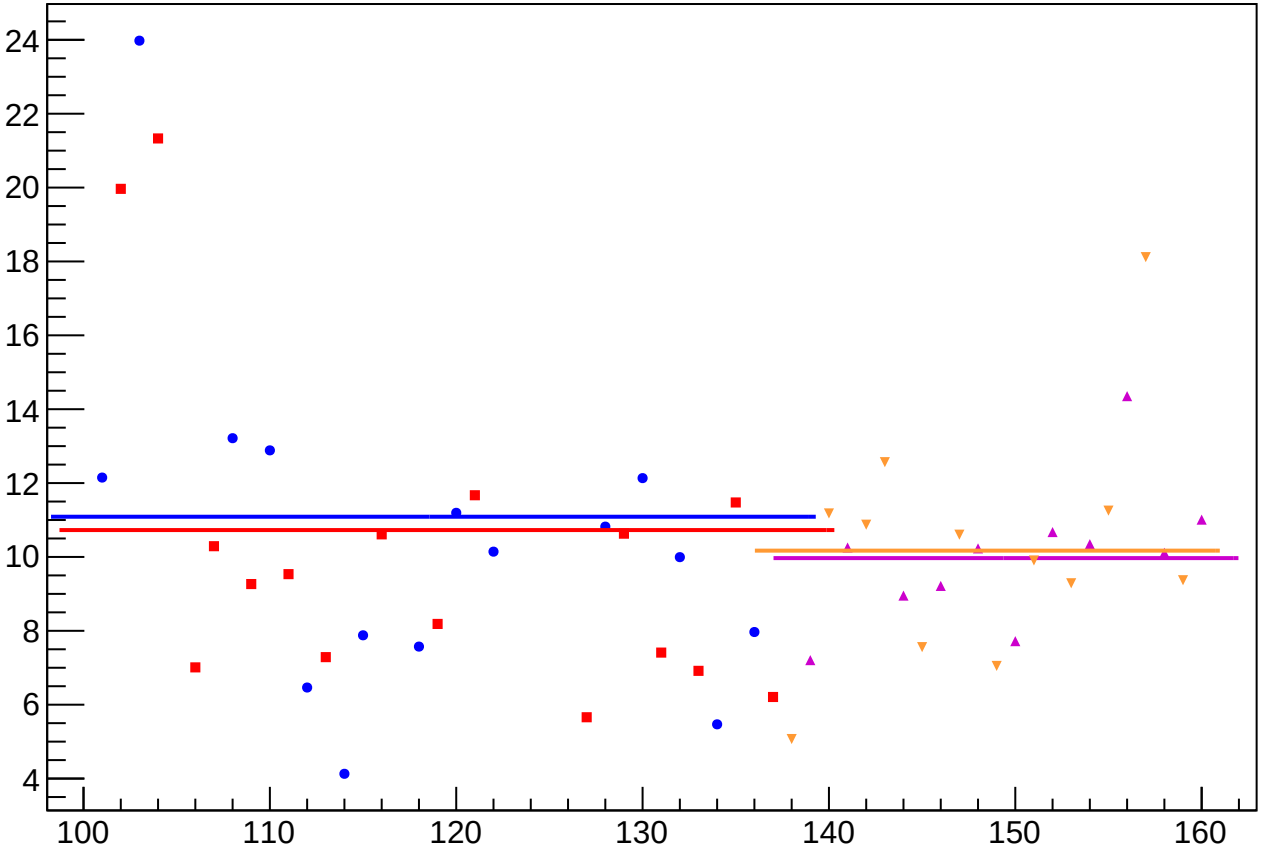
All: -410.856+/-0.000 χ^2/NDF: 11678350413

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -417.444+/-0.000 χ^2/NDF: 546374662460811

Left In: -433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.552+/-0.000 χ^2/NDF: 2364557431902666

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

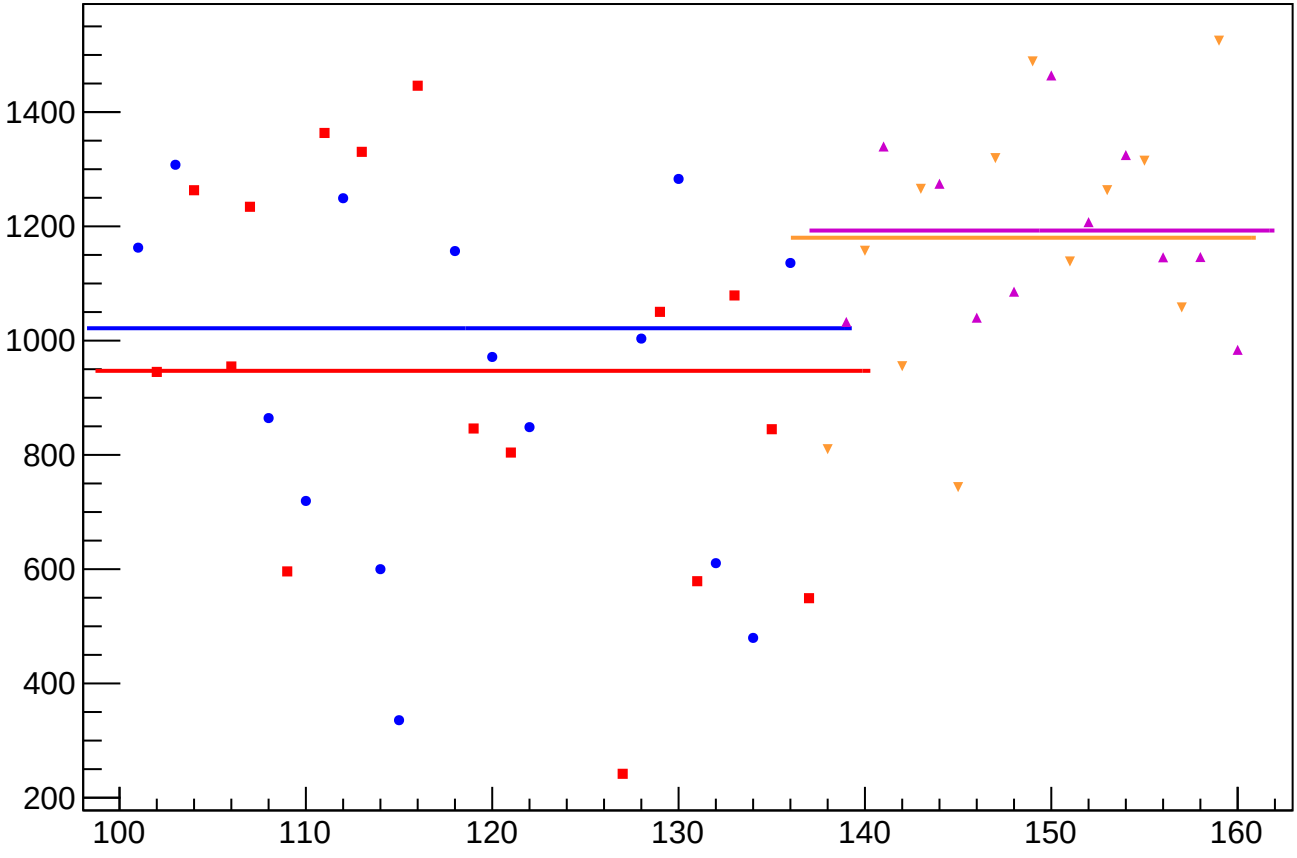
All: 10.418+/-0.000 χ^2/NDF: 415971934979 4

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.287+/-0.000 χ^2/NDF: 1789615499240610

Left In: 9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

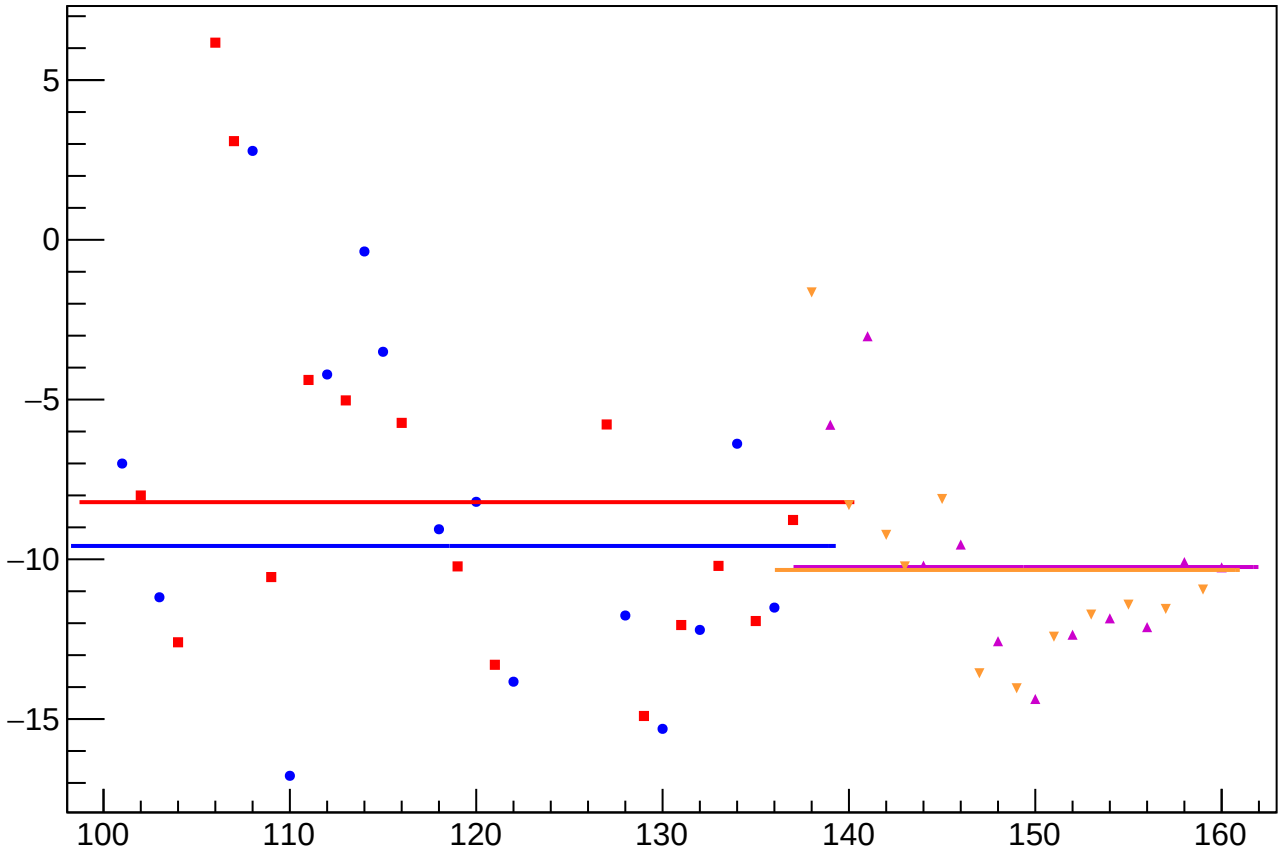
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.022+/-0.000 χ^2/NDF: 242946352397110

Left Out: -10.333+/-0.000 χ^2/NDF:937769242502636537504704147488768 0.0/11

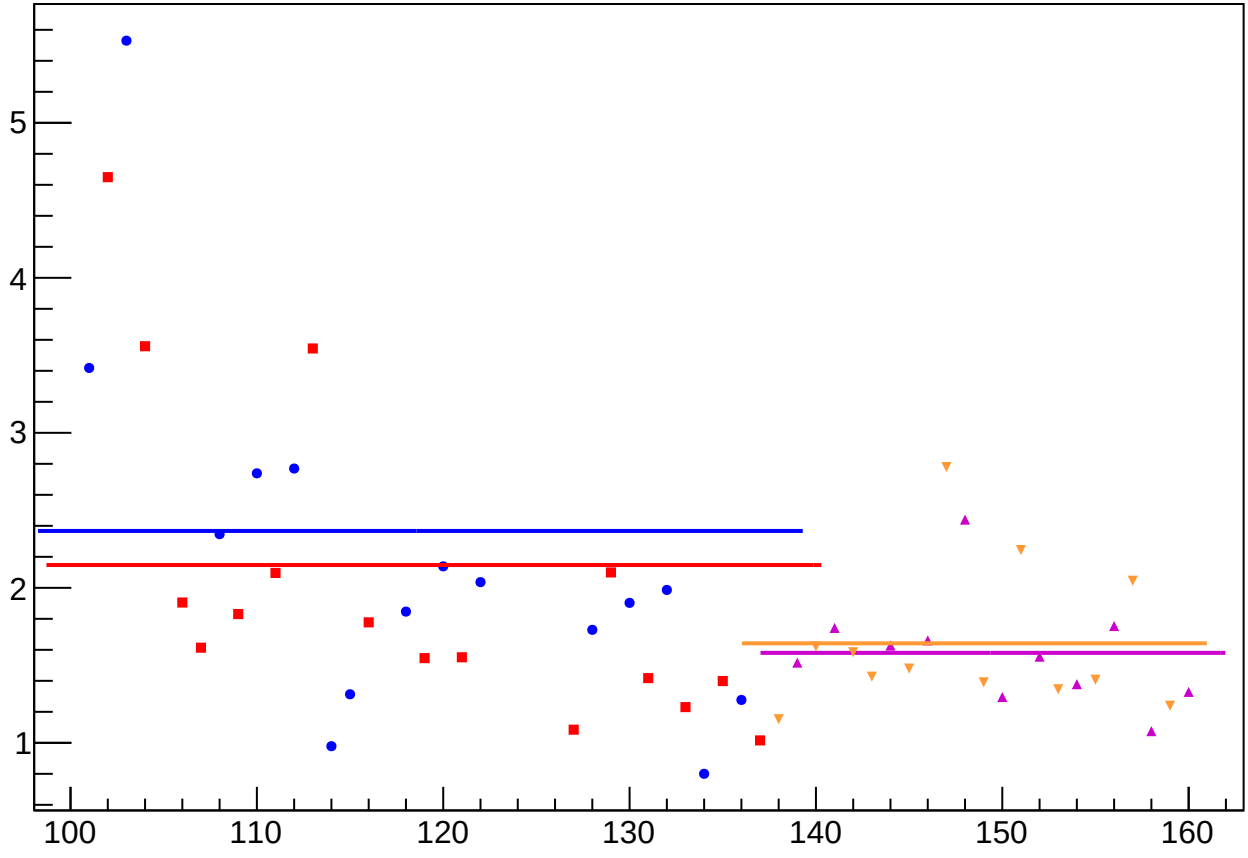
All: -9.703+/-0.000 χ^2/NDF: 5350258312452

Right Out: -8.211+/-0.000 χ^2/NDF: 183042372938359614656057542044549 12.0/15

- sign -9.390+/-0.000 χ^2/NDF: 2889381959602526 7

Left In: -10.241+/-0.000 χ^2/NDF:899282908840843048348597777281843 2.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:195842148226043527039909915262976.0/11

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

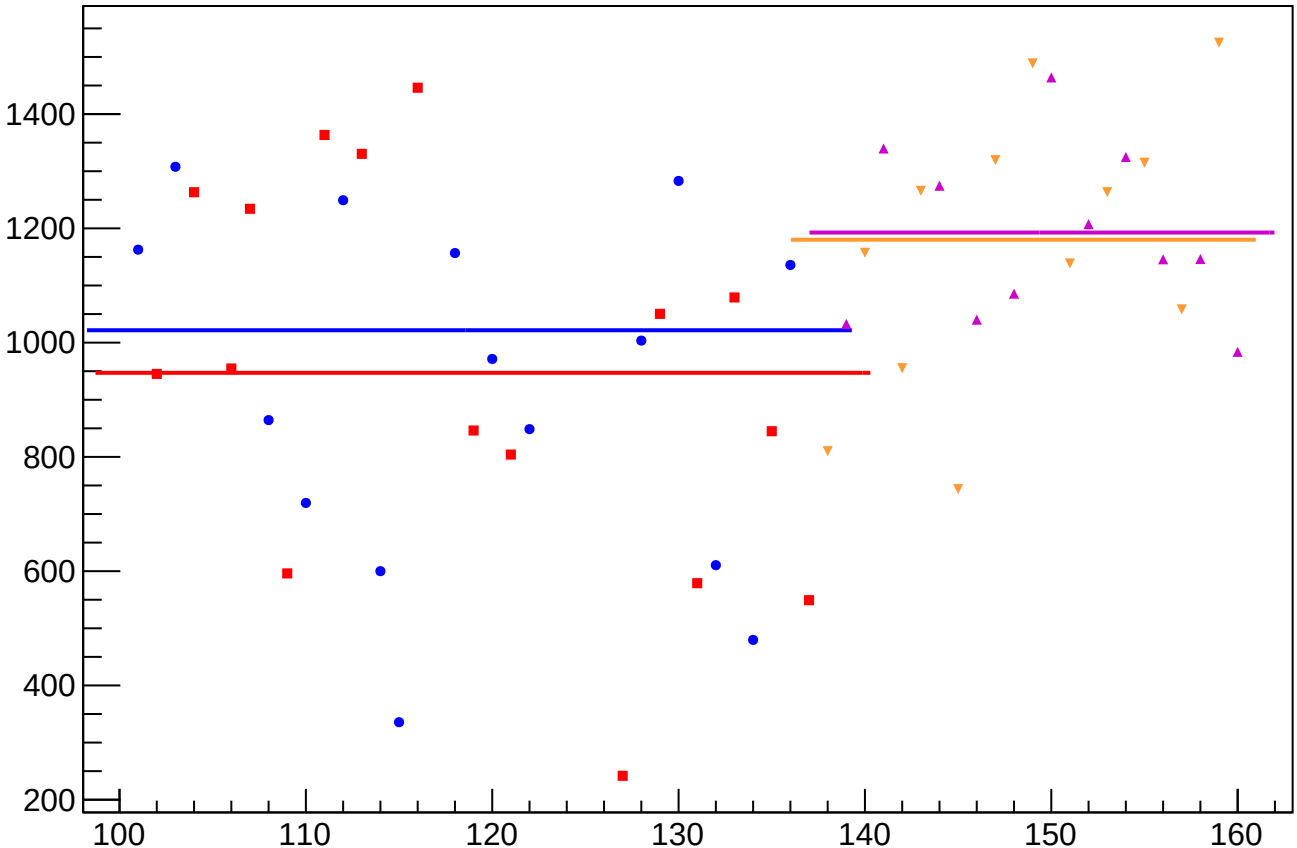
Left In: 1.580+/-0.000 χ^2/NDF:104159820106689813353171792166912.0/10

+ sign 1.943+/-0.000 χ^2/NDF: 1315983441767776

All: 1.880+/-0.000 χ^2/NDF: 2321029523106

- sign 1.818+/-0.000 χ^2/NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

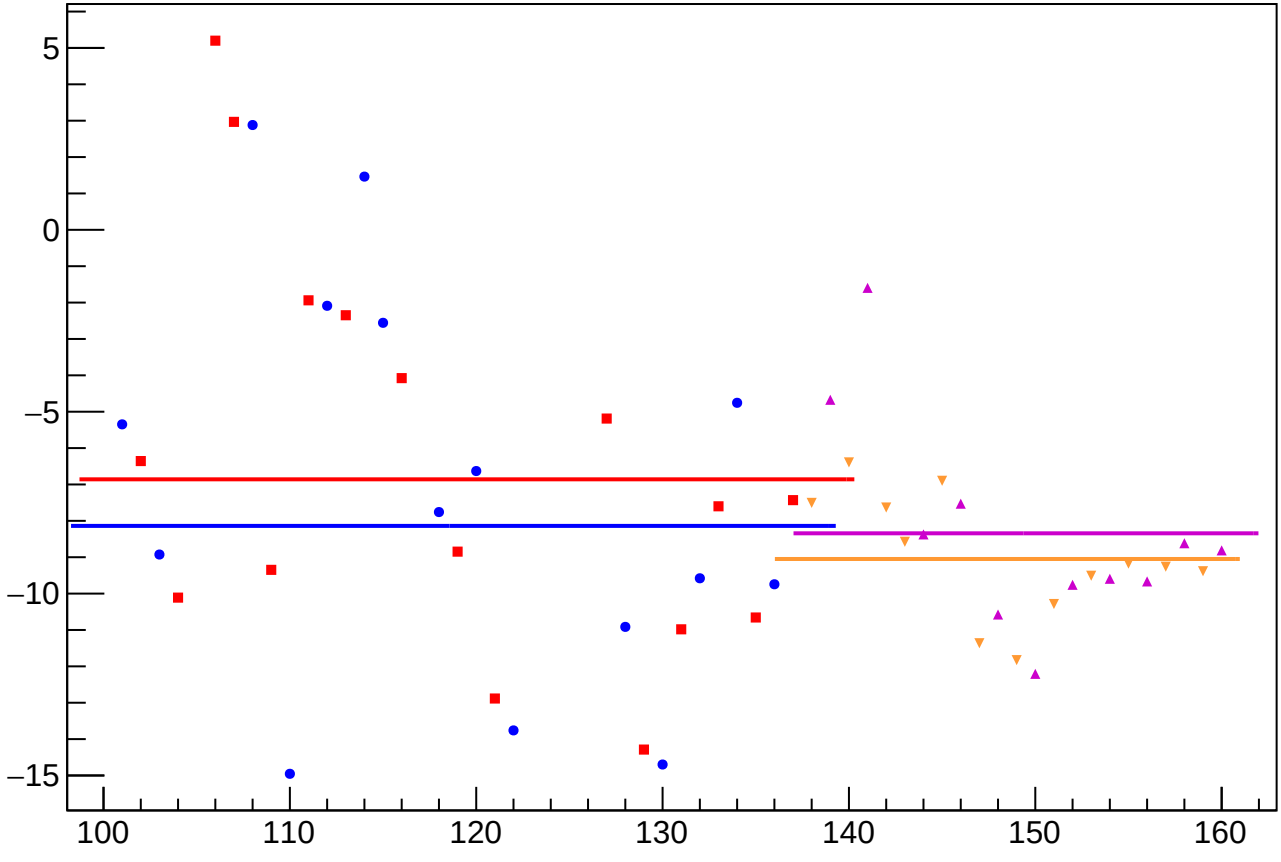
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.049+/-0.000 χ^2/NDF:2449058506184839792133889501167616.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

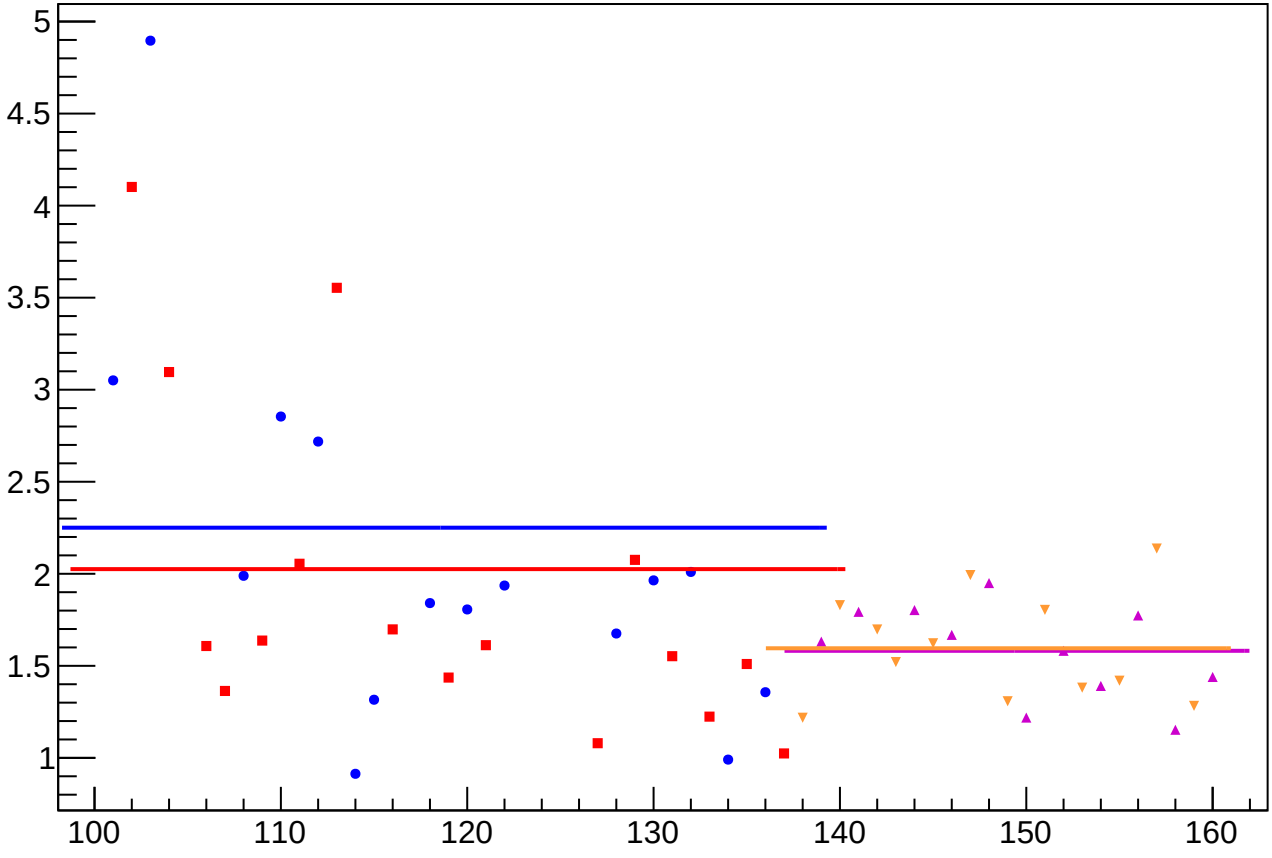
Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ sign -8.671+/-0.000 χ^2/NDF: 1743954297052969

All: -8.191+/-0.000 χ^2/NDF: 4275682258895

- sign -7.721+/-0.000 χ^2/NDF: 2460541769521765

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

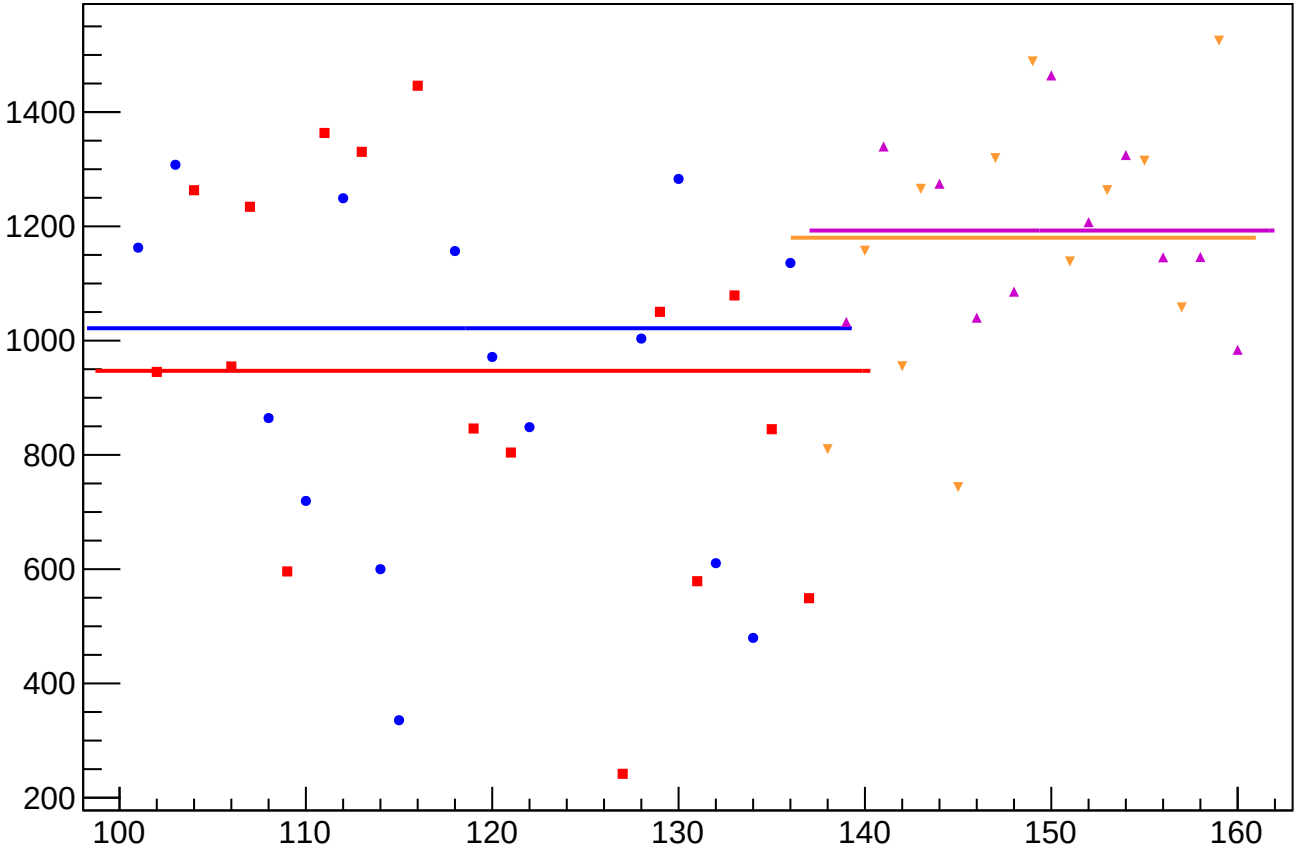
Left In: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

+ sign 1.867+/-0.000 χ^2/NDF: 8961684903925900 9

All: 1.817+/-0.000 χ^2/NDF: 1613932314765 0

- sign 1.768+/-0.000 χ^2/NDF: 7099264779947717 7

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

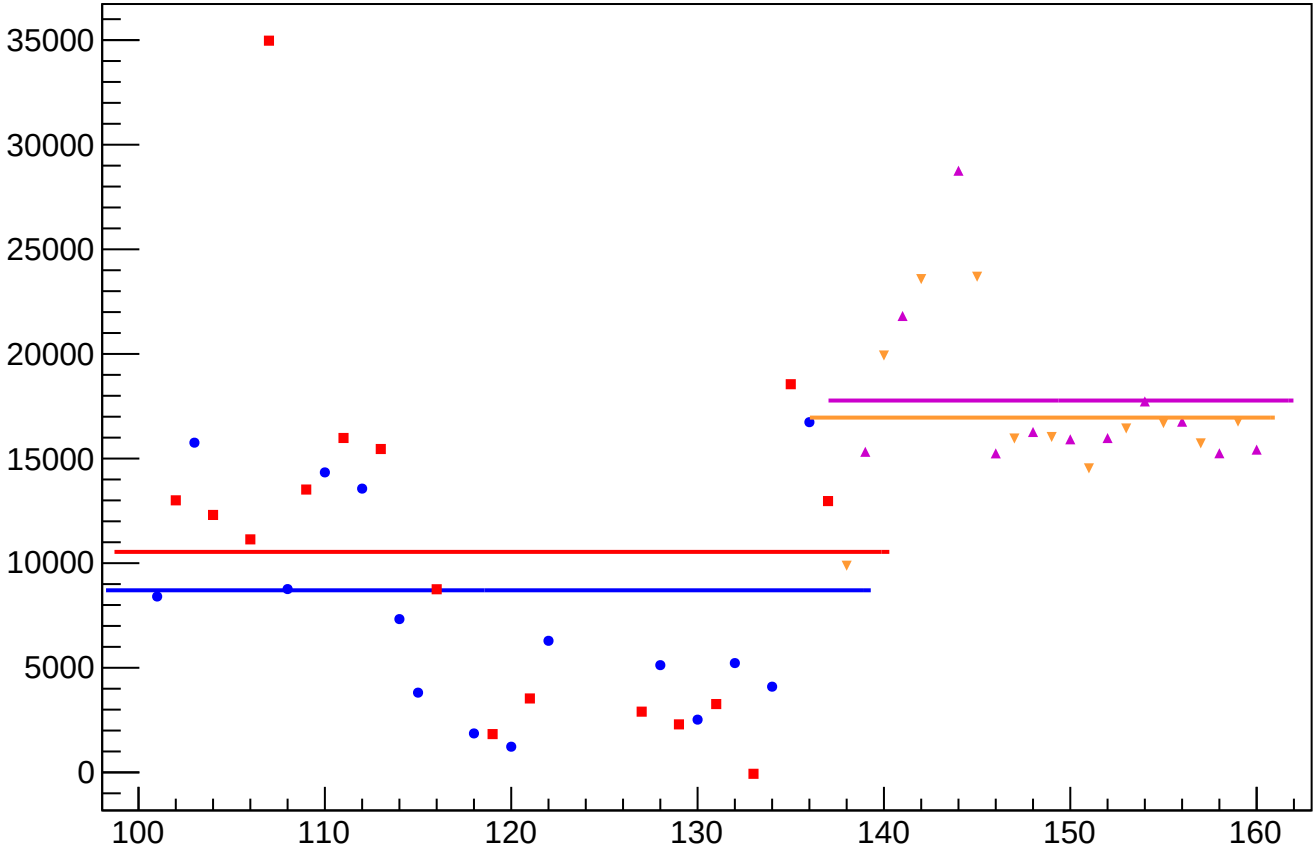
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

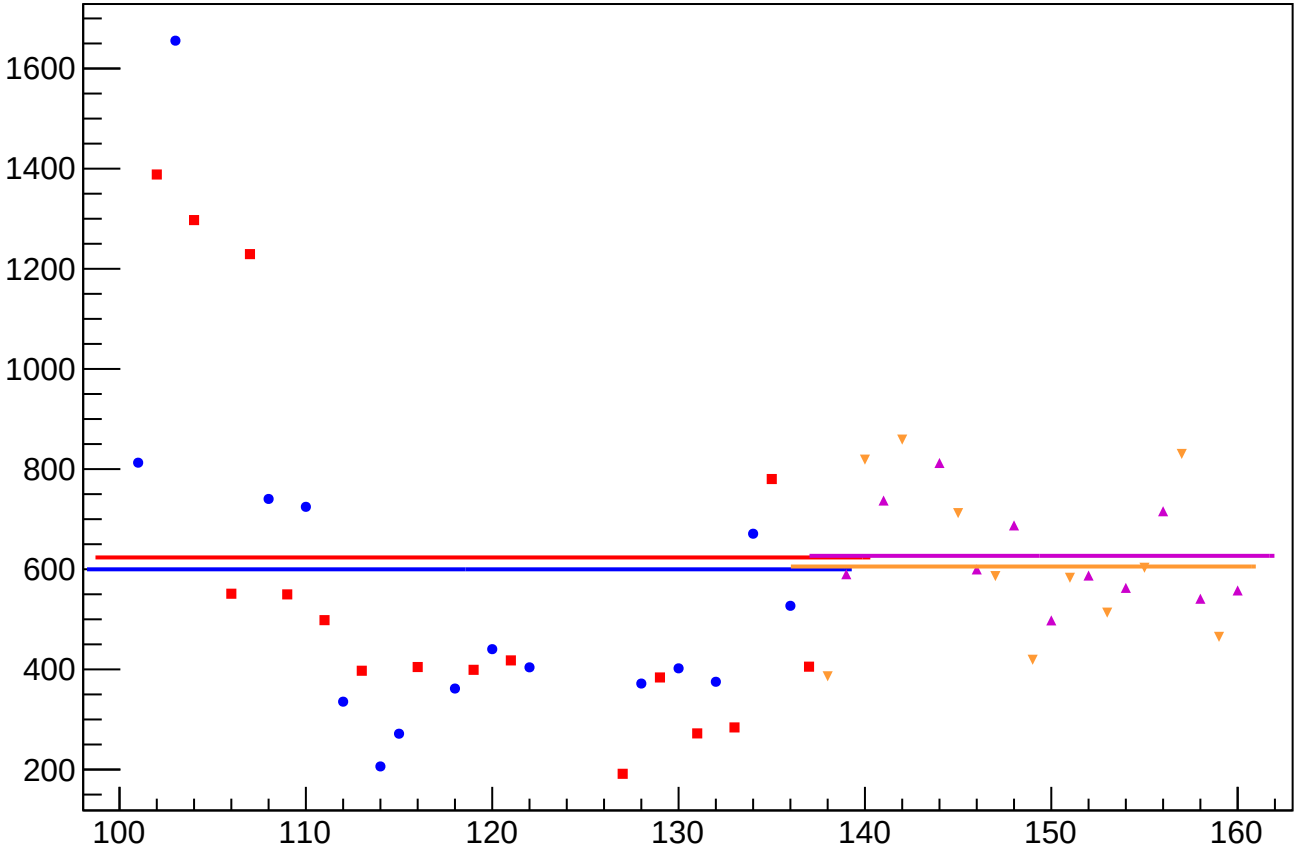
Left In: 17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

+ sign 13376.690+/-0.000 χ^2/NDF: 5547433572288

All: 14079.562+/-0.000 χ^2/NDF: 1383312786

- sign 14740.464+/-0.000 χ^2/NDF: 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847 2704.0/14

+ sign 603.023+/-0.000 χ^2/NDF: 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF:206000366965768896864889138627068559 36.0/10

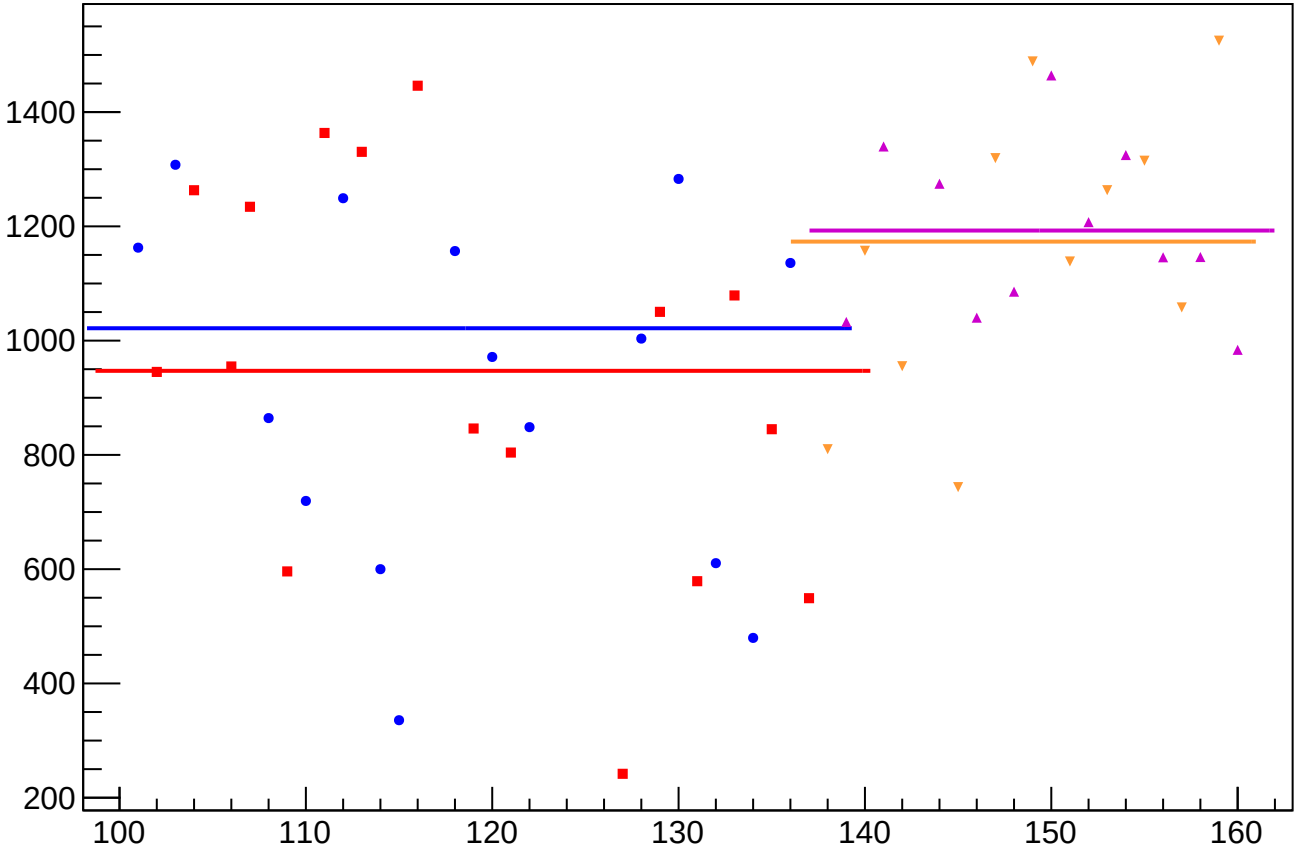
All: 614.575+/-0.000 χ^2/NDF: 21988174064 5

Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

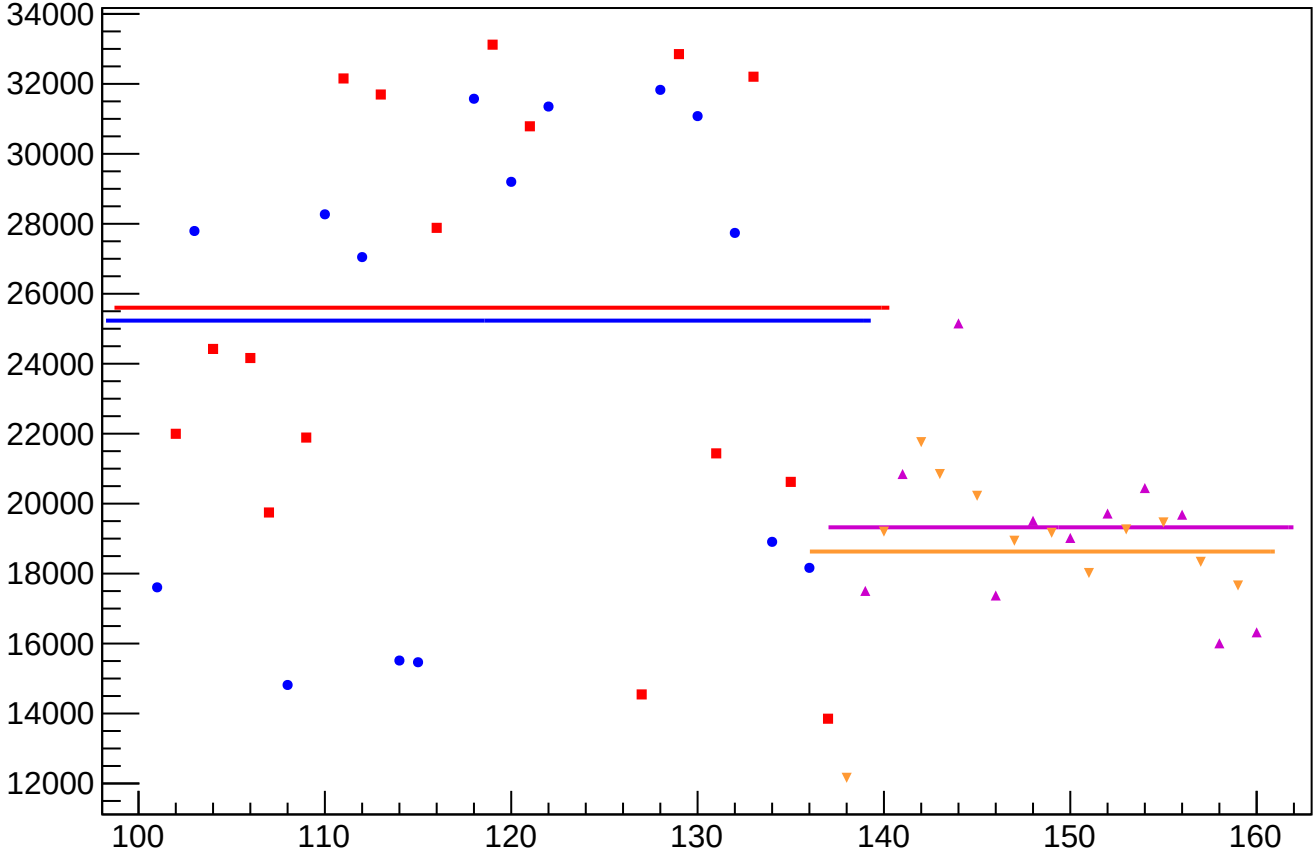
Left In: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399 2832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1107.545+/-0.000 χ^2/NDF: 99202805471874
Left Out: 1173.334+/-0.000 χ^2/NDF:50259225692125439679244442751924699136.0/10
All: 1098.373+/-0.000 χ^2/NDF: 2098418779 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 21371.781+/-0.000 χ^2/NDF: 4557364101800

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

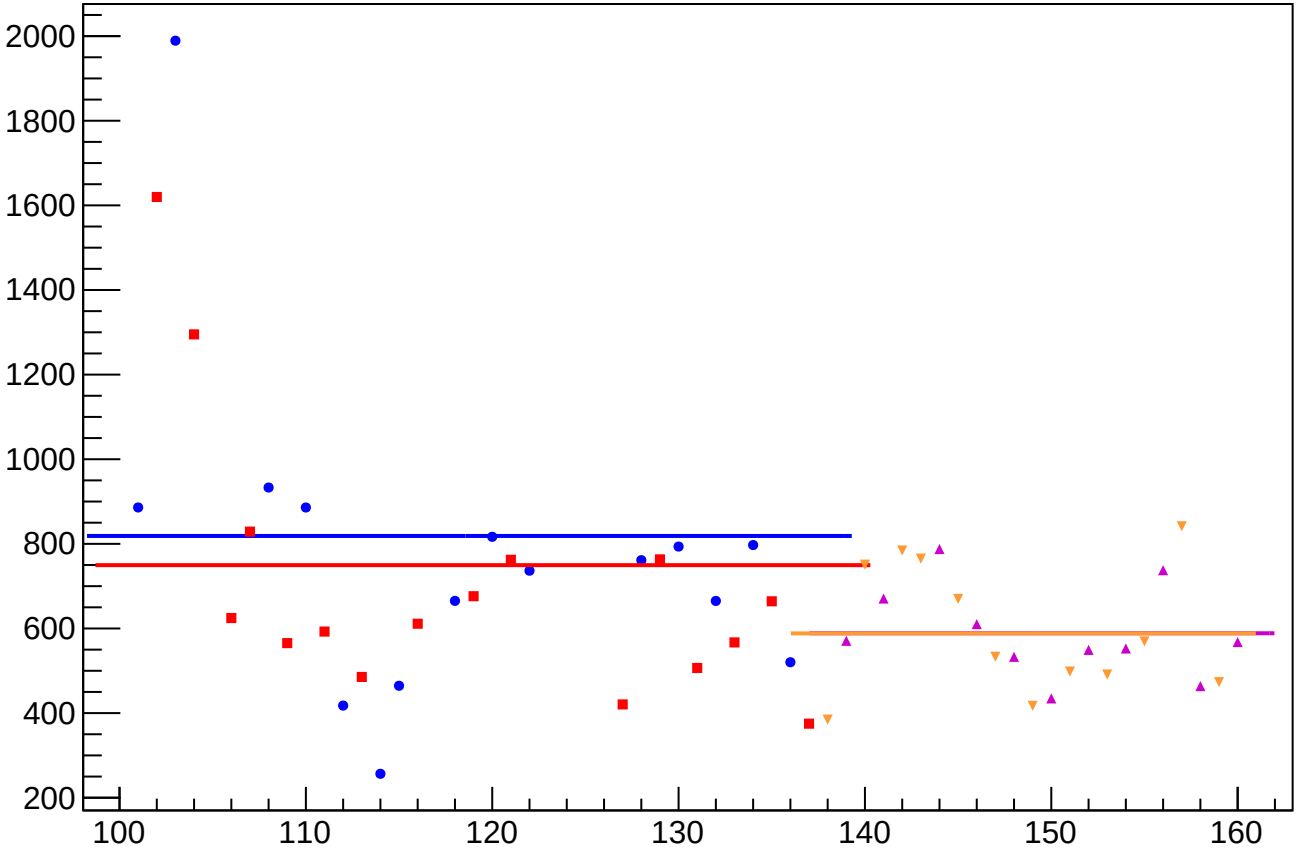
All: 21666.026+/-0.000 χ^2/NDF: 9098110501

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

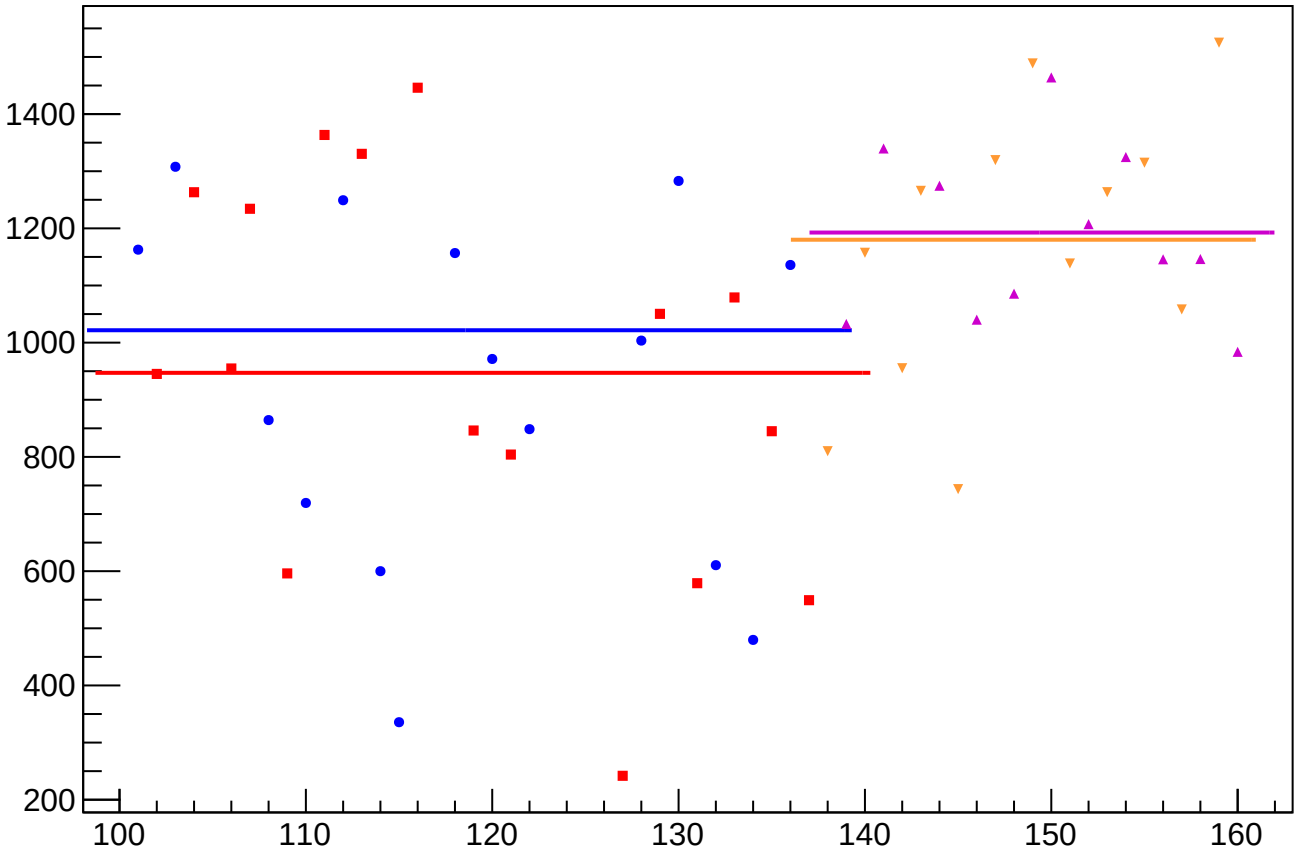
Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 684.008+/-0.000 χ^2/NDF: 1457915690693 88
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811 3792.0/11
All: 669.969+/-0.000 χ^2/NDF: 2443165090 40
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 656.176+/-0.000 χ^2/NDF: 979142023590546
Left In: 588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

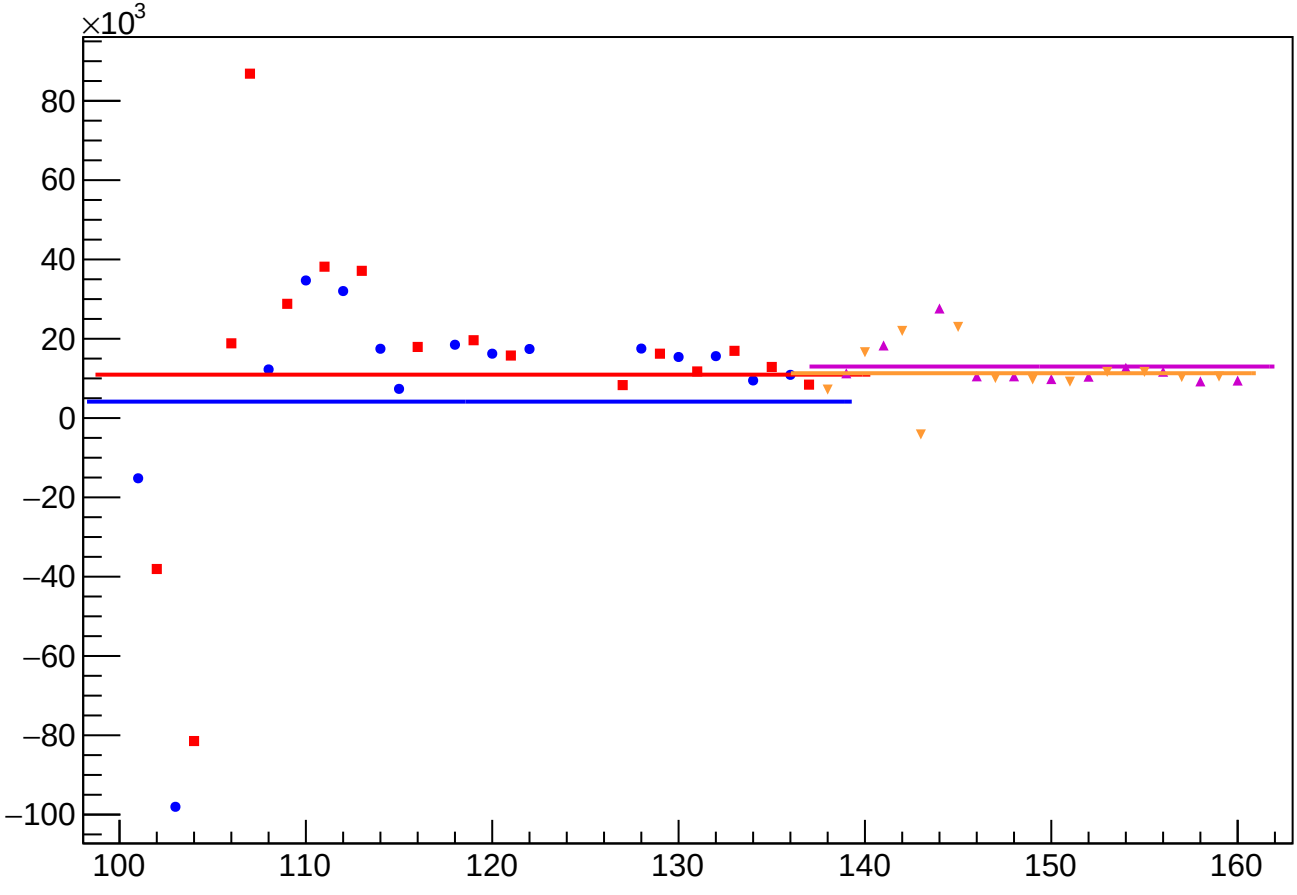
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8333.706+/-0.000 χ^2/NDF: 8194448772748 5

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

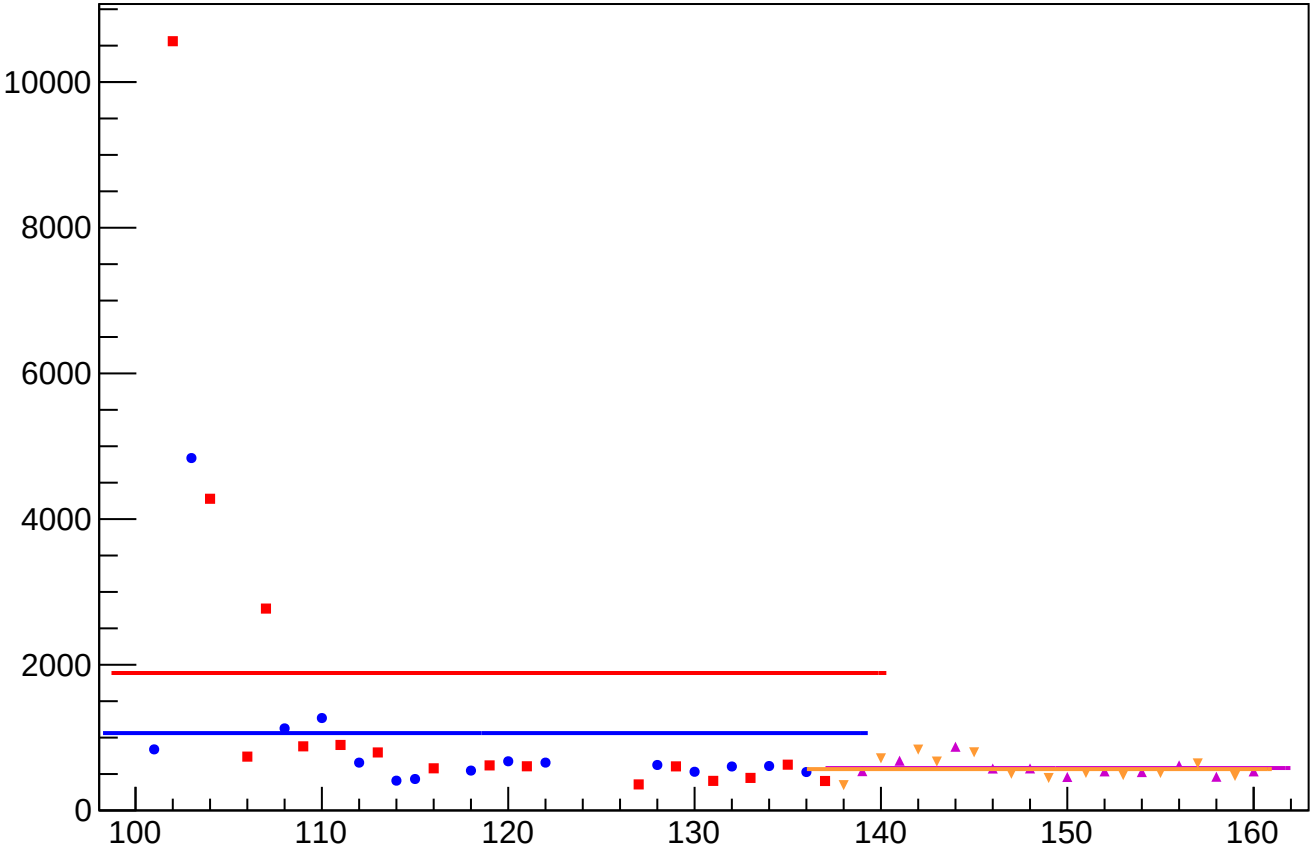
All: 10251.942+/-0.000 χ^2/NDF: 1732817087

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

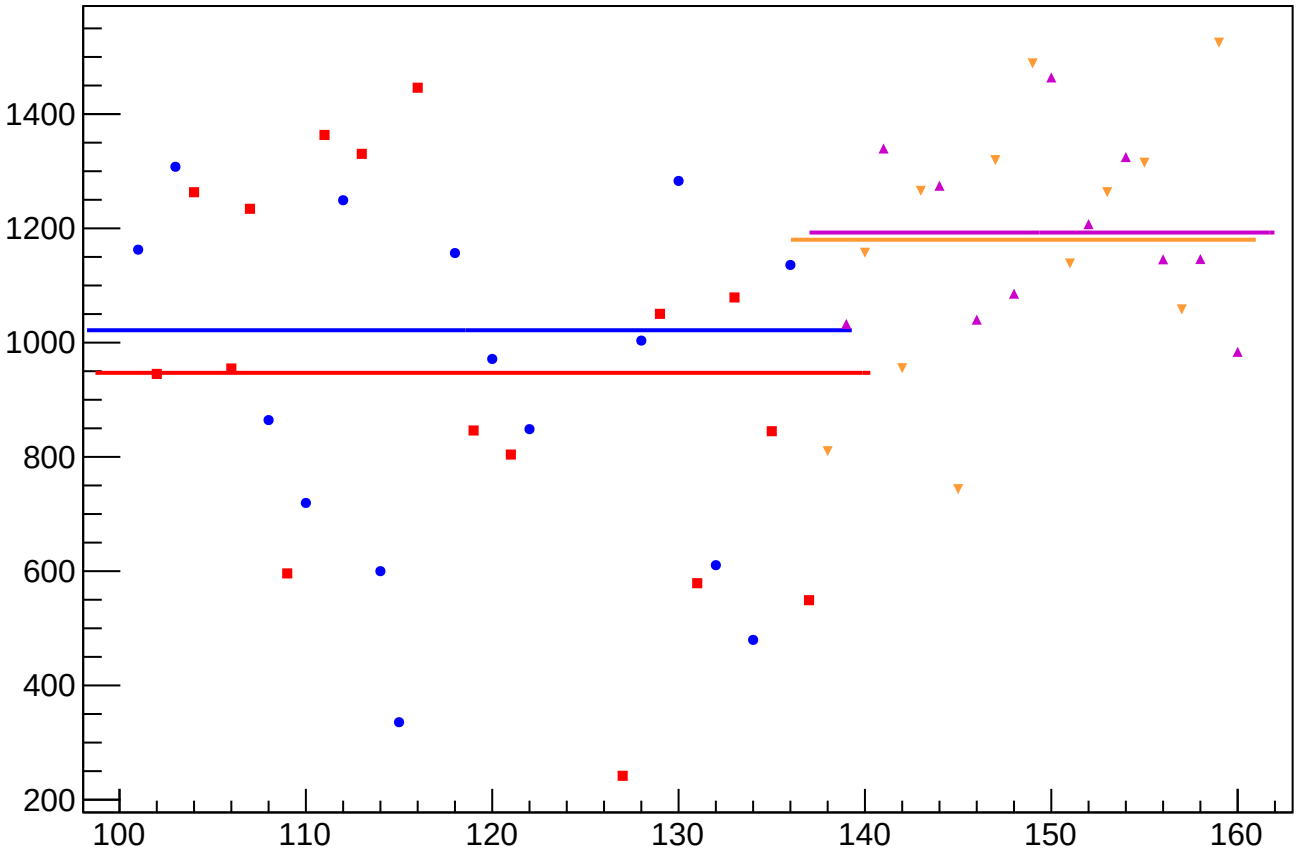
Left In: 12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14
+ sign 773.025+/-0.000 χ^2/NDF: 106309785539188
Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11
All: 952.780+/-0.000 χ^2/NDF: 736031273486
Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15
- sign 1129.371+/-0.000 χ^2/NDF: 61970965674299
Left In: 582.413+/-0.000 χ^2/NDF:118601444625381818138146789657296240 64.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

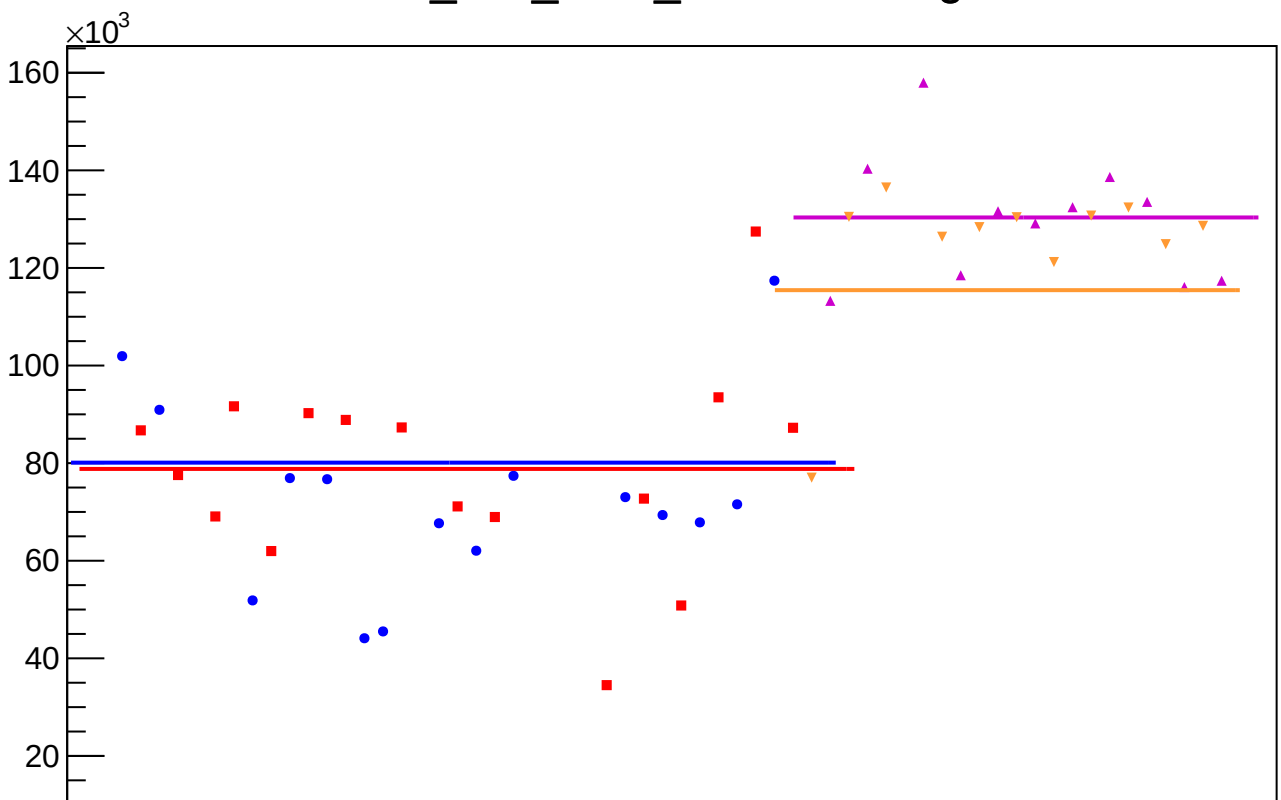
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

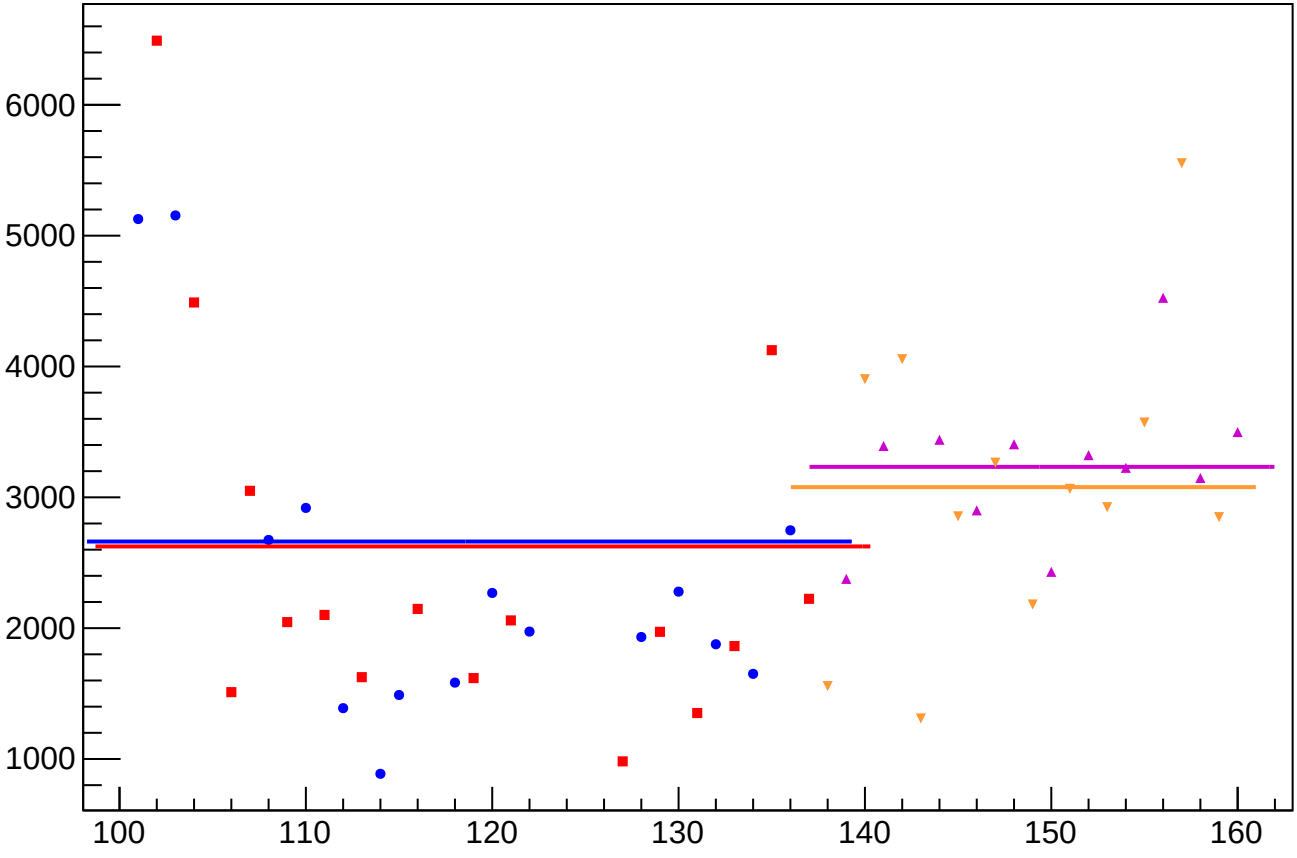
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100772.113+/-0.000 χ^2/NDF: 17674802689 5
Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11
All: 104792.930+/-0.000 χ^2/NDF: 32804450 0
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 108742.985+/-0.000 χ^2/NDF: 146287150012
Left In: 130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785 14176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

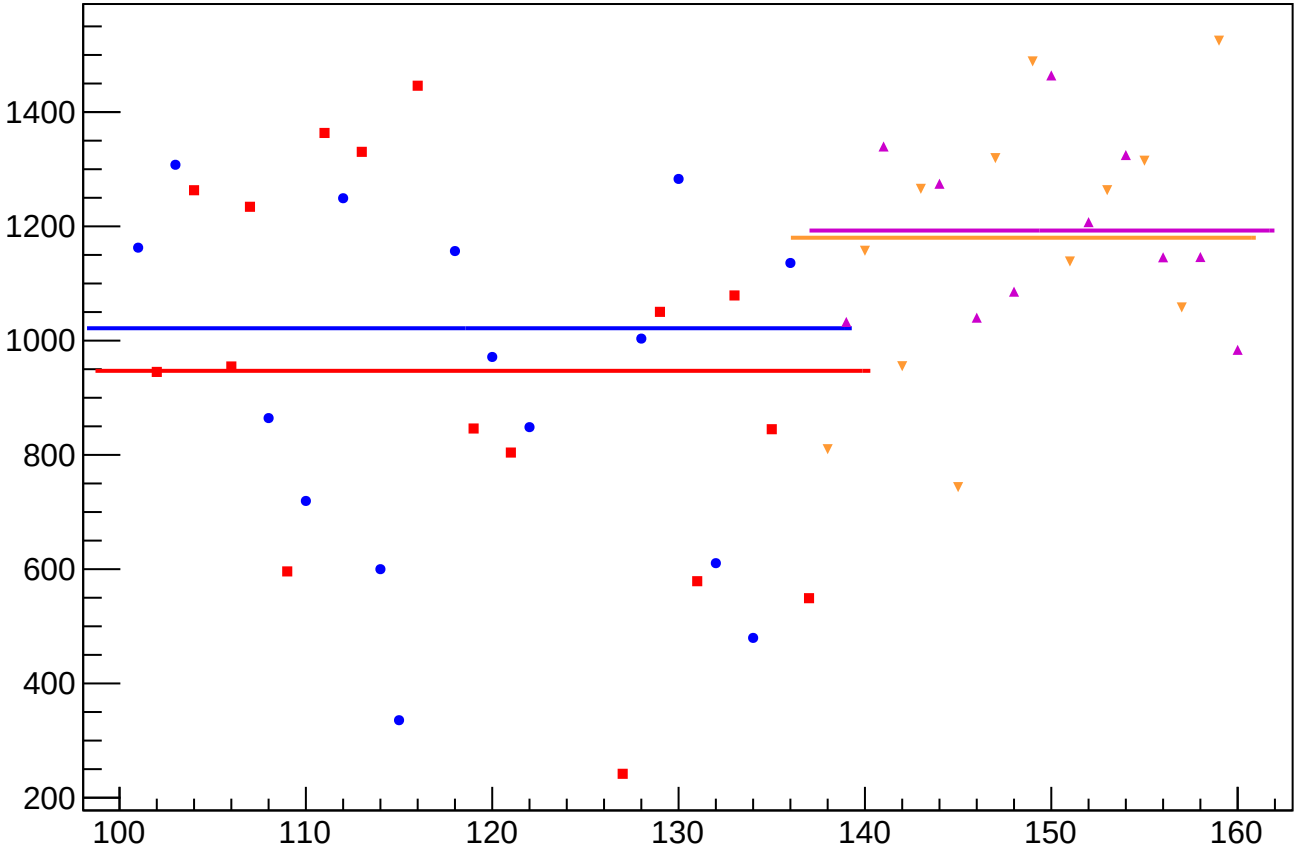
Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938888.0/10

+ sign 2905.309+/-0.000 χ^2/NDF: 21707015926614

All: 2941.931+/-0.000 χ^2/NDF: 41605670277

- sign 2977.909+/-0.000 χ^2/NDF: 19857098184284

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

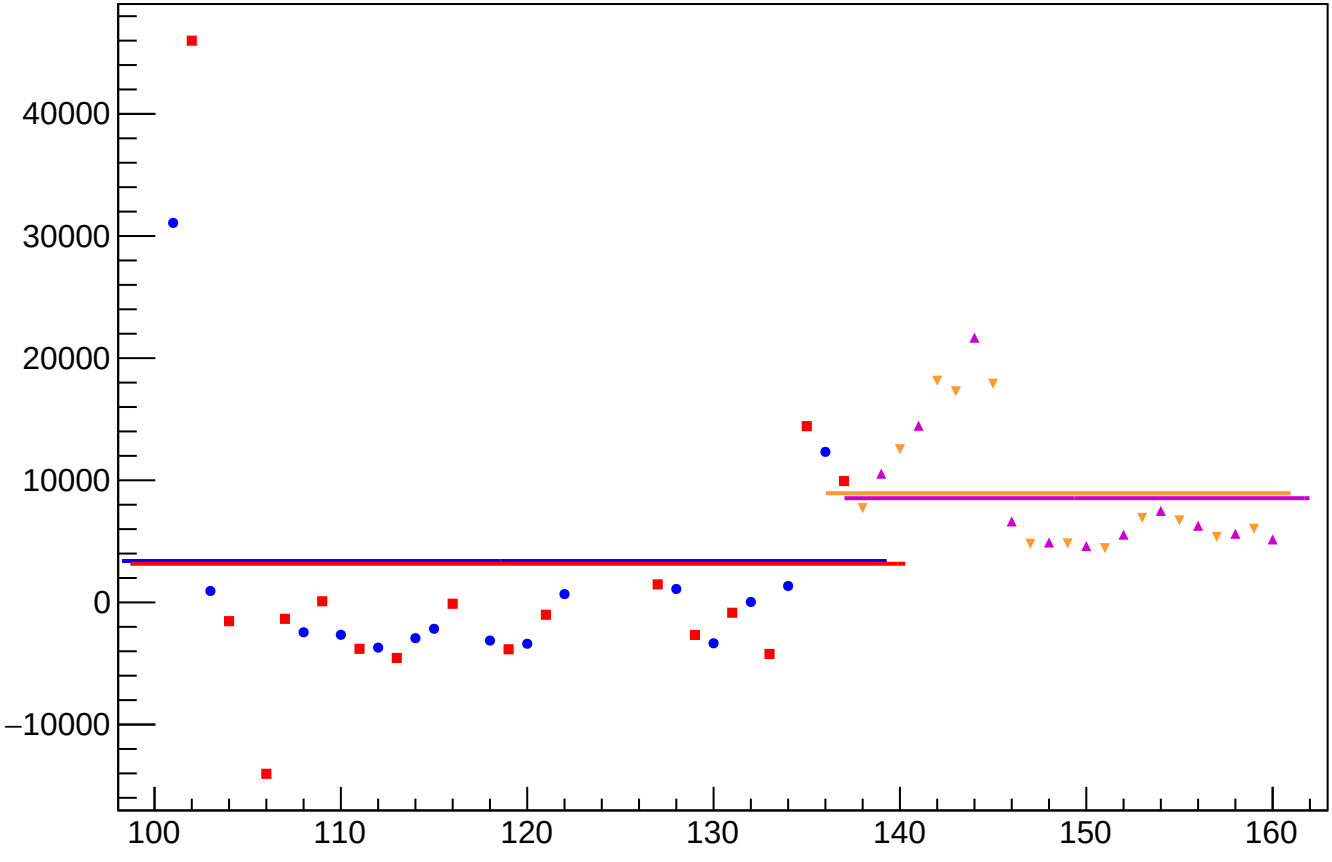
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

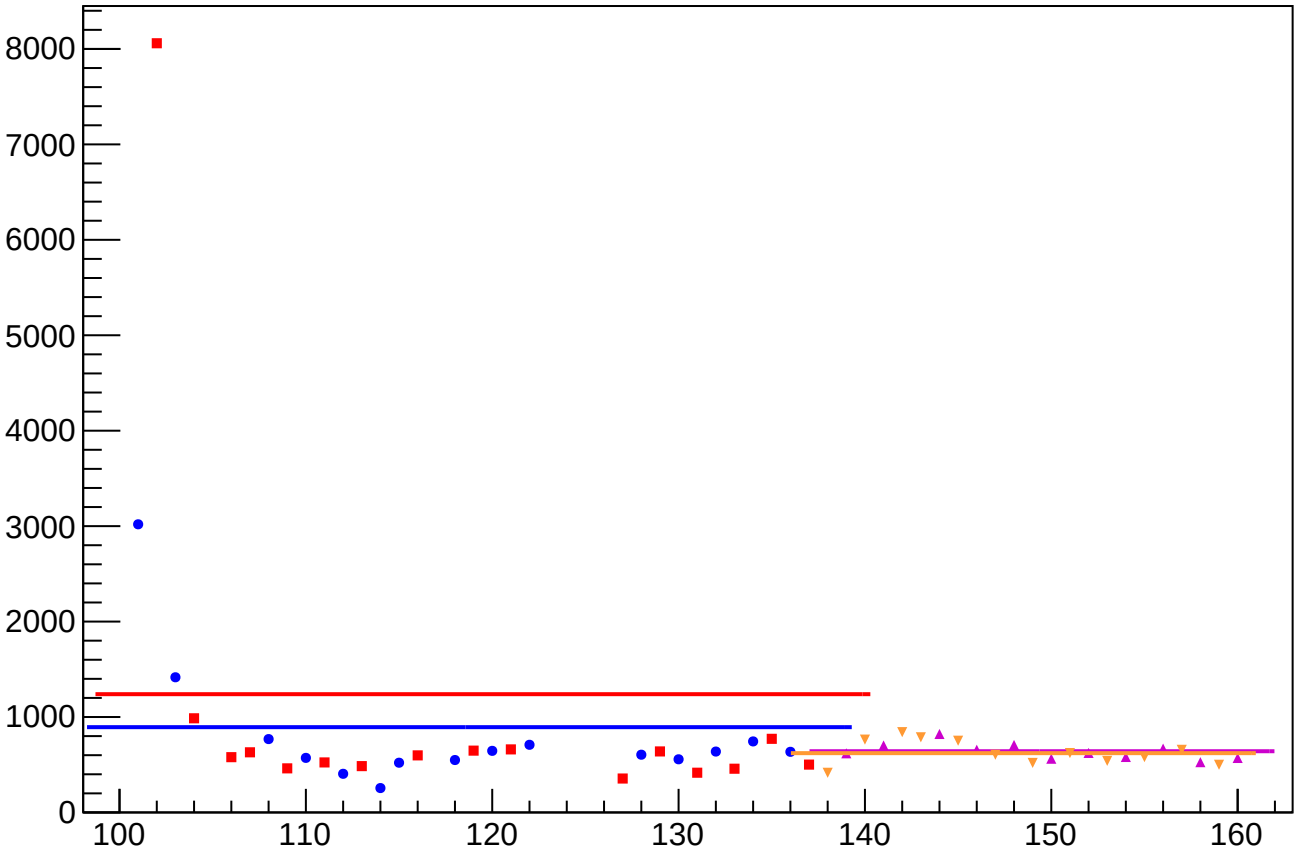
Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

dit_atr1_coil7_mean vs Slug



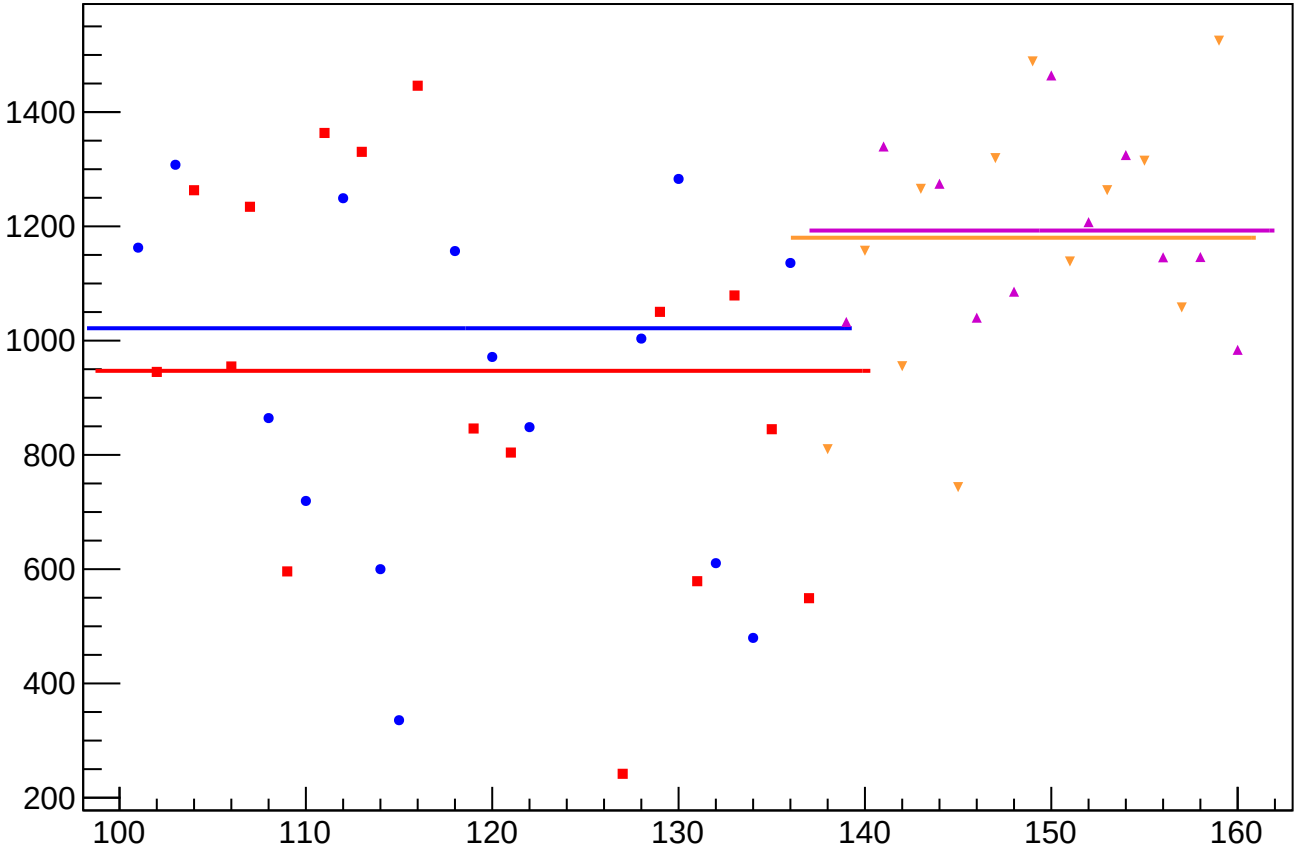
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6636.719+/-0.000 χ^2/NDF: 10032445769830
Left Out: 8941.712+/-0.000 χ^2/NDF:227575427235299768629241896288372643594 24.0/11
All: 6458.520+/-0.000 χ^2/NDF: 2736278227 8
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6283.457+/-0.000 χ^2/NDF: 17320497250641
Left In: 8532.821+/-0.000 χ^2/NDF:242995159493802245863247375580952264704 00.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 734.457+/-0.000 χ^2/NDF: 375941972925027
Left Out: 621.395+/-0.000 χ^2/NDF:13220761349033595391183034930255888384.0/11
All: 813.984+/-0.000 χ^2/NDF: 351101342045
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15
- sign 892.111+/-0.000 χ^2/NDF: 311547484911191
Left In: 641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554355 2.0/10

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

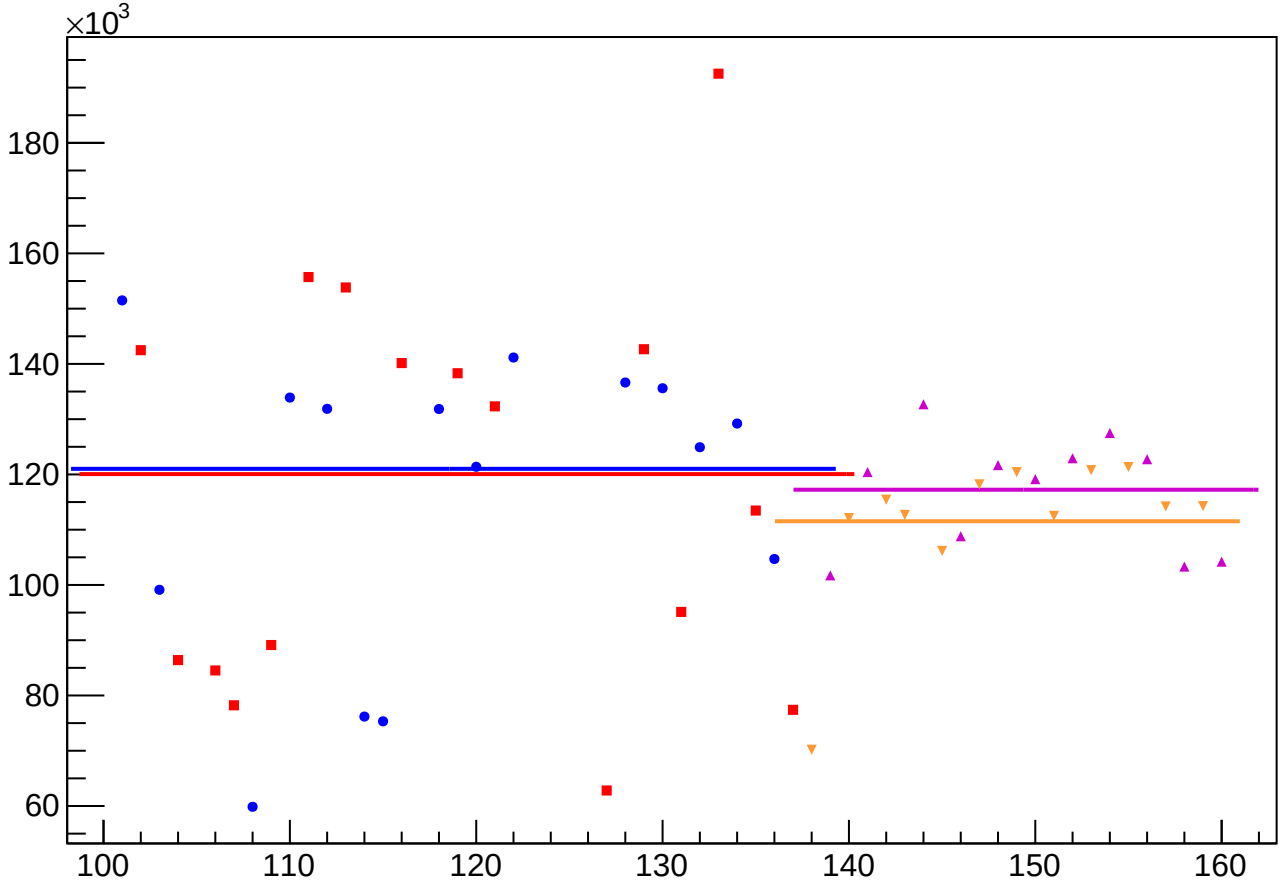
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

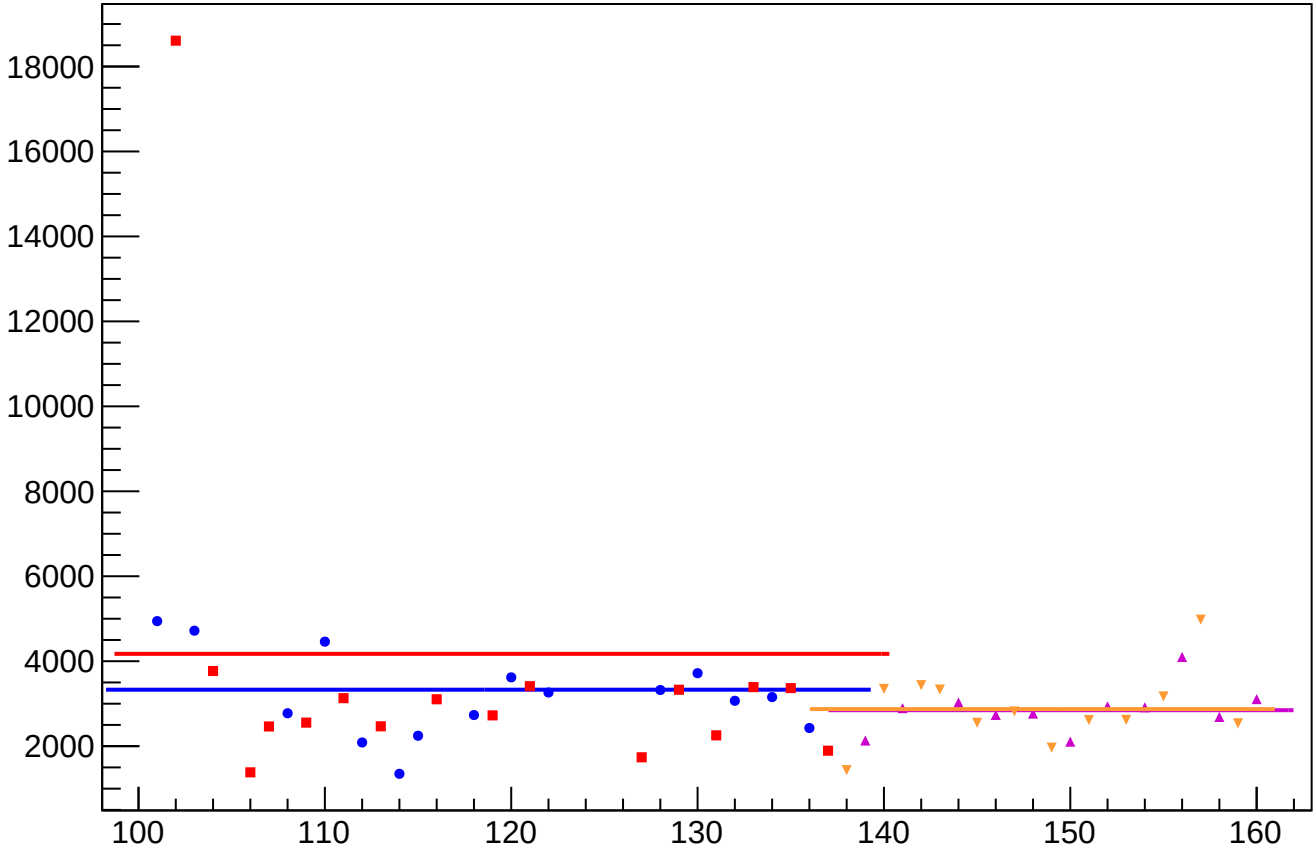
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115470.027+/-0.000 χ^2/NDF: 555580110243
Left Out: 111531.681+/-0.000 χ^2/NDF:1627242998299219503708342464173729130741 76.0/11
All: 116958.641+/-0.000 χ^2/NDF: 14862531 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118421.056+/-0.000 χ^2/NDF: 923806900564
Left In: 117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3062.293+/-0.000 χ^2/NDF: 13091528183331

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

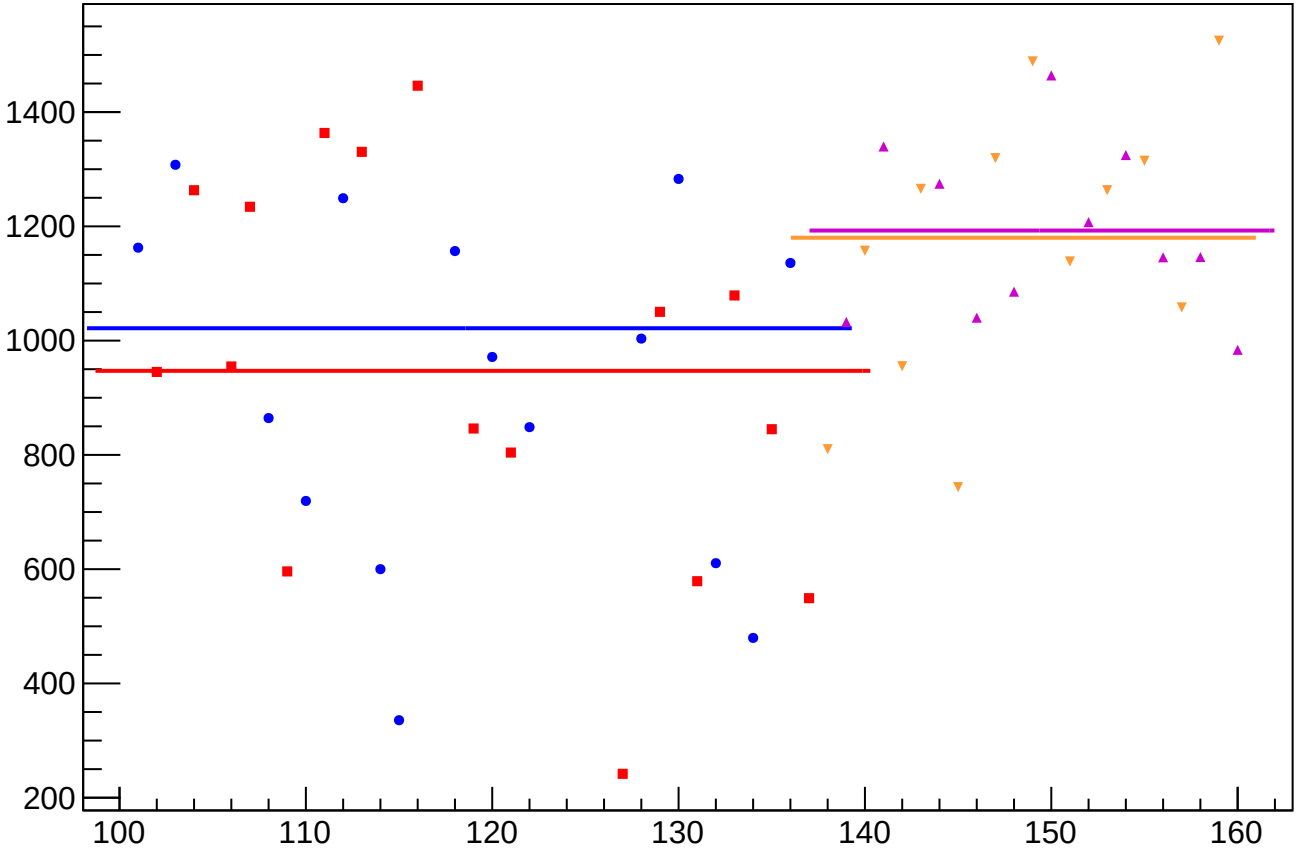
All: 3234.072+/-0.000 χ^2/NDF: 1581039287

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

- sign 3402.829+/-0.000 χ^2/NDF: 14409809055061

Left In: 2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

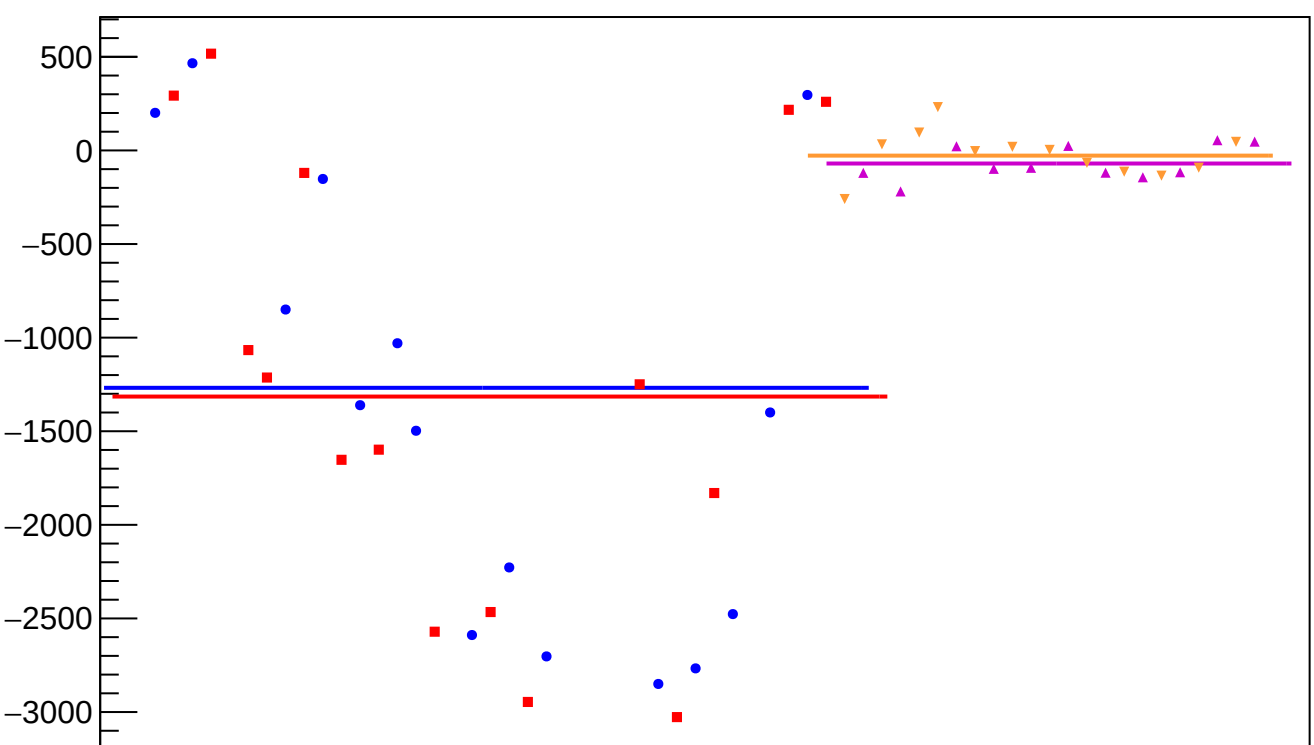
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -542.758+/-0.000 χ^2/NDF: 16885256839991

Left Out: -27.745+/-0.000 χ^2/NDF:124018662937763897824067331938771271 68.0/11

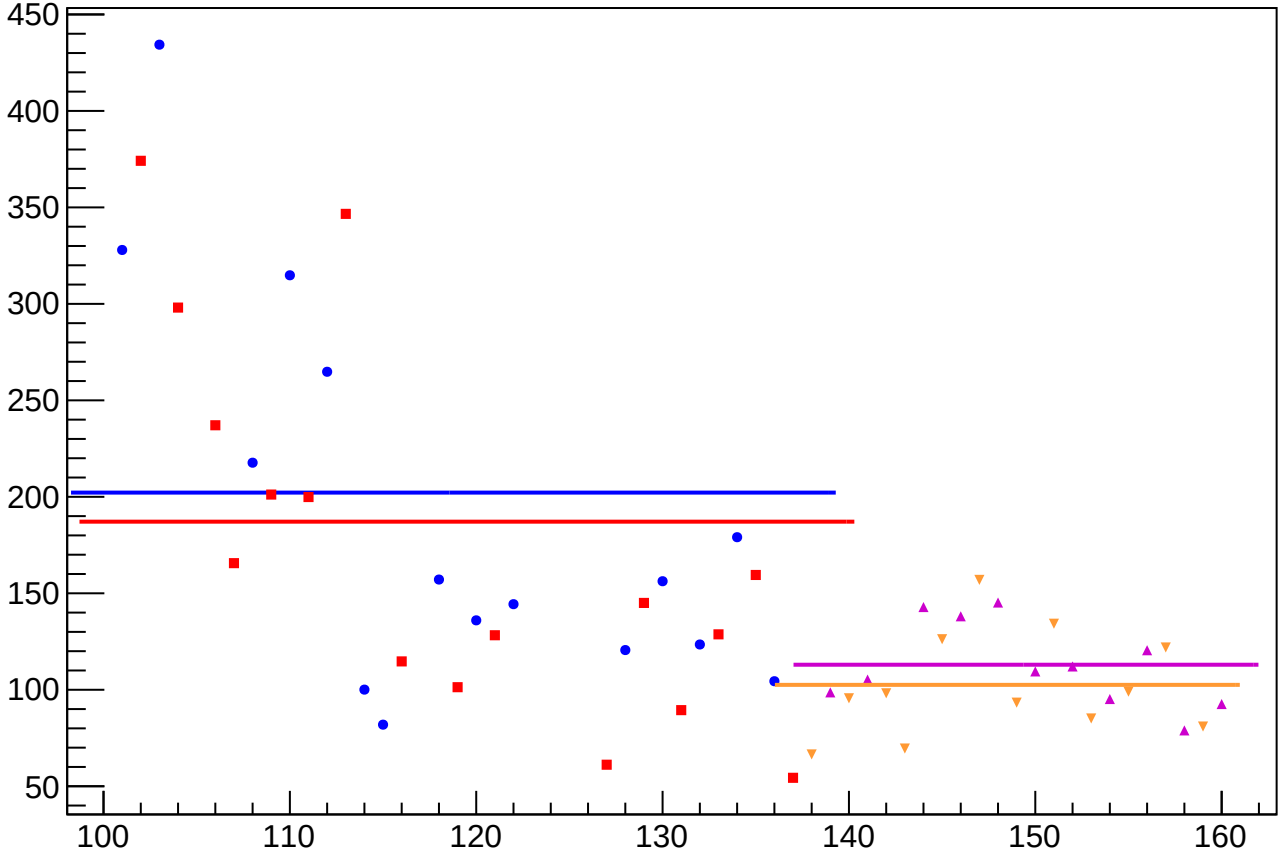
All: -567.488+/-0.000 χ^2/NDF: 33961086853

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -591.782+/-0.000 χ^2/NDF: 17056880683273 5

Left In: -69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

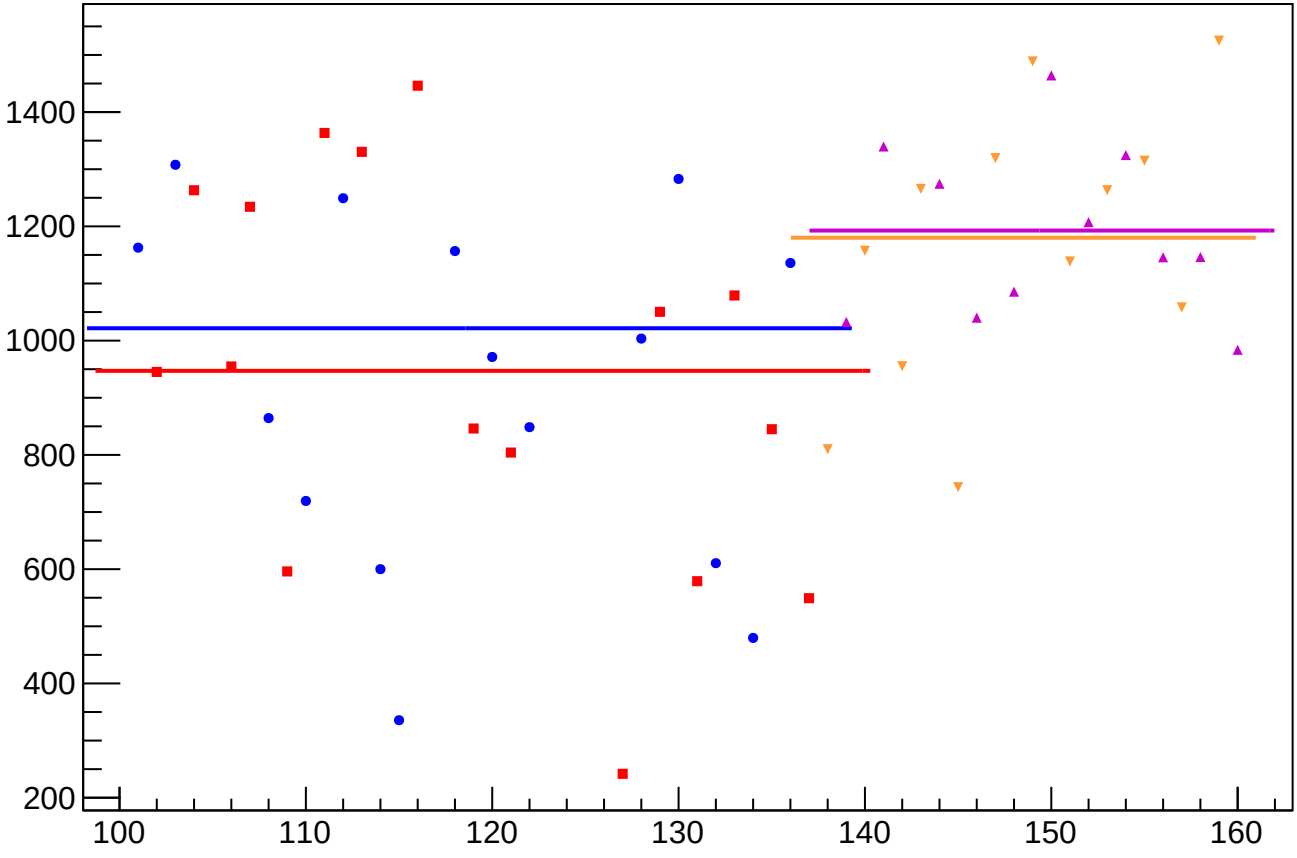
Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF: 114280634979740

All: 143.994+/-0.000 χ^2/NDF: 20186723766

- sign 144.065+/-0.000 χ^2/NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

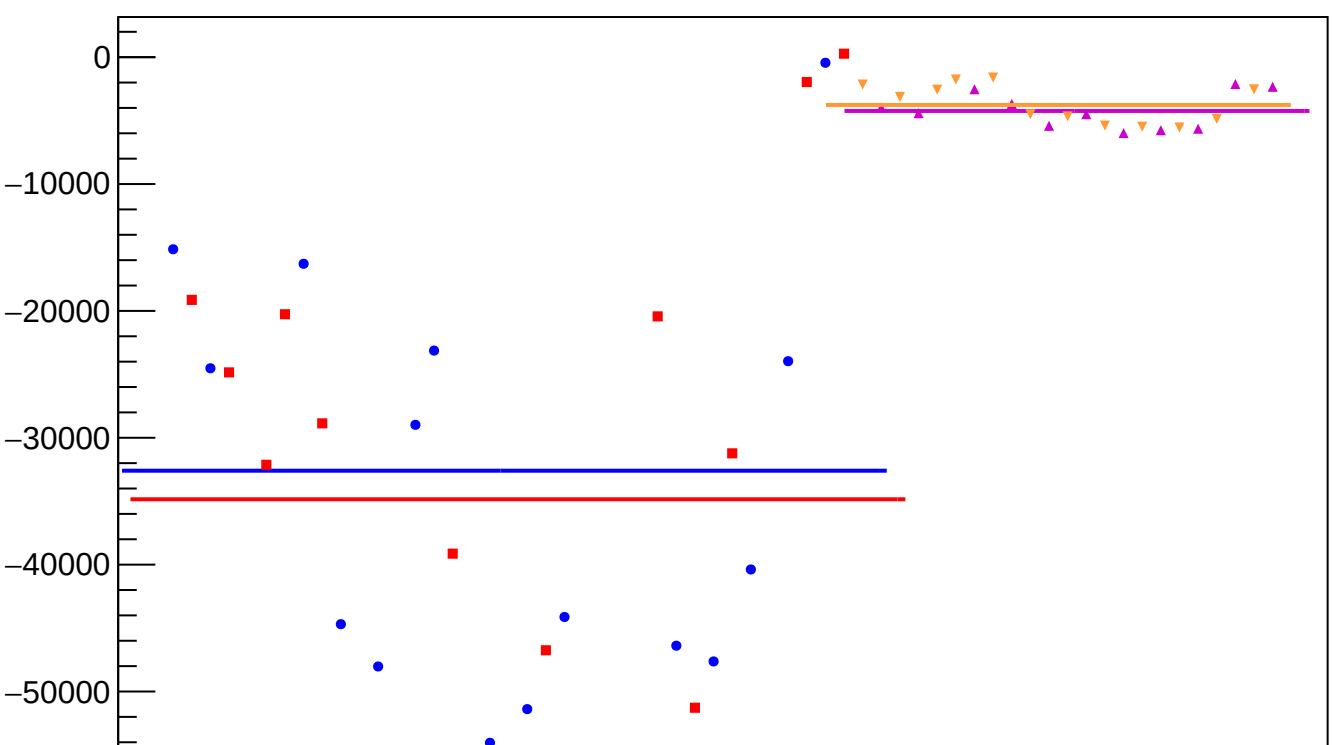
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

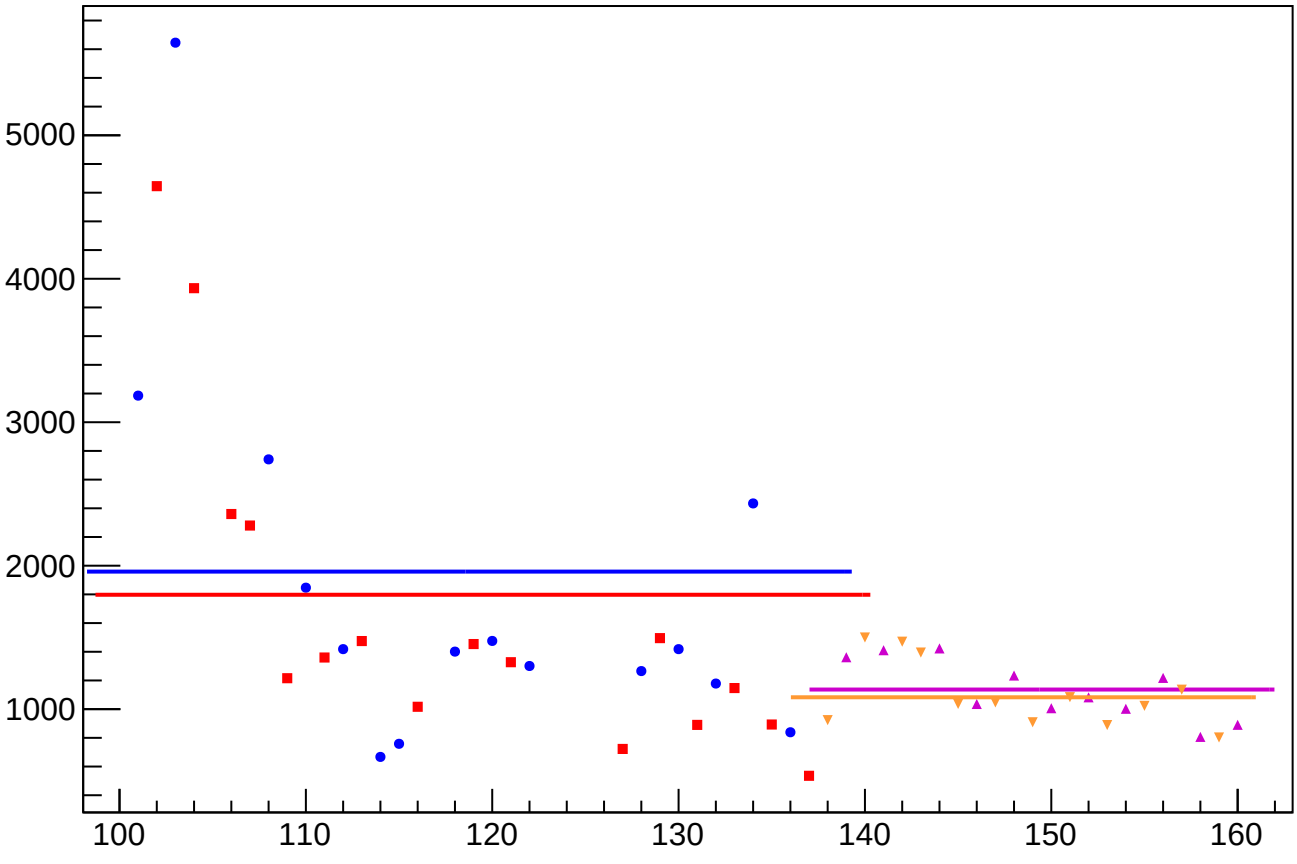
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15735.844+/-0.000 χ^2/NDF: 526567009410
Left Out: -3764.764+/-0.000 χ^2/NDF:196909765148126713372068659345037354598 4.0/11
All: -16409.443+/-0.000 χ^2/NDF: 111371622
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -17071.187+/-0.000 χ^2/NDF: 5857433226583
Left In: -4238.758+/-0.000 χ^2/NDF:167625887746606747174628306712503359897 6.0/10

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1446.535+/-0.000 χ^2/NDF: 15230348570712

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

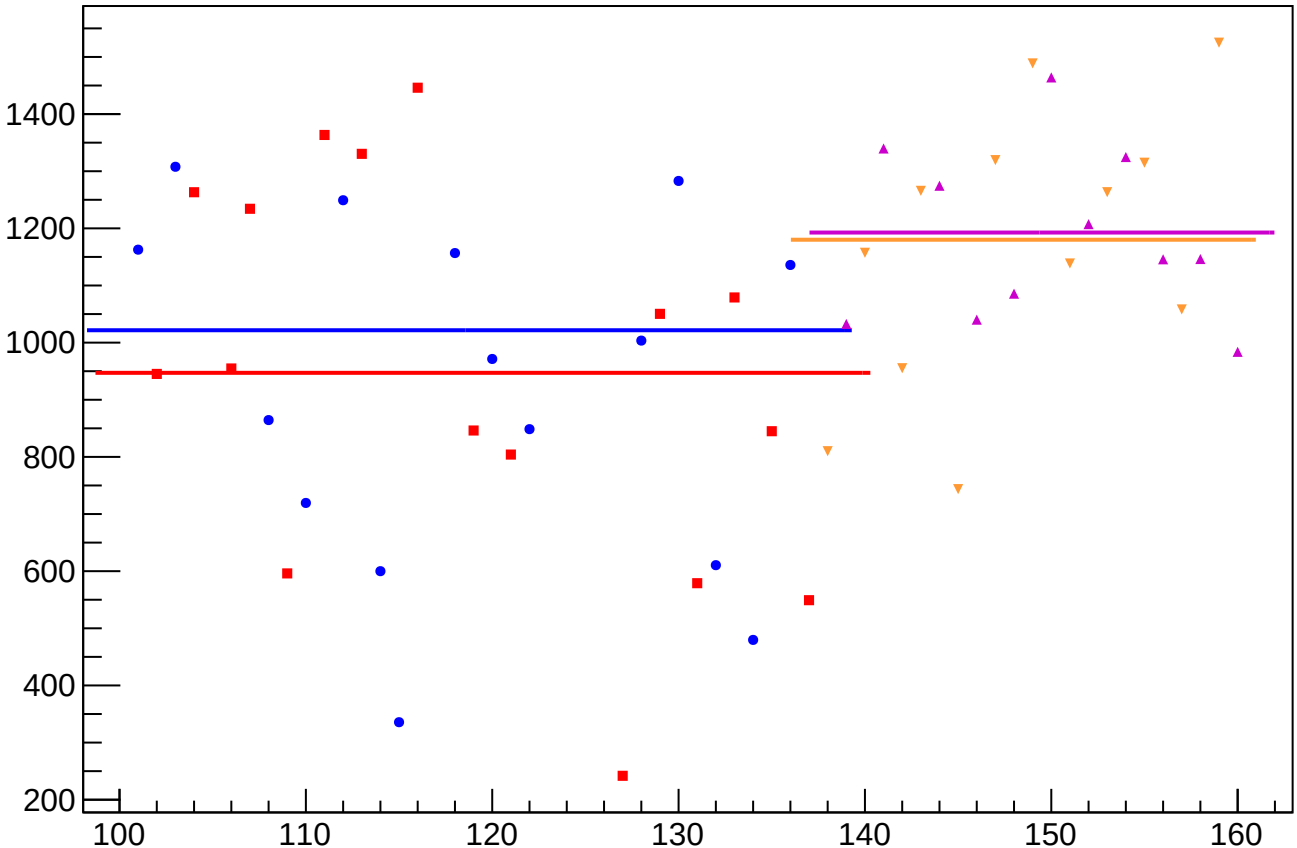
All: 1429.975+/-0.000 χ^2/NDF: 2684715334 1

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1413.706+/-0.000 χ^2/NDF: 11608307427850

Left In: 1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

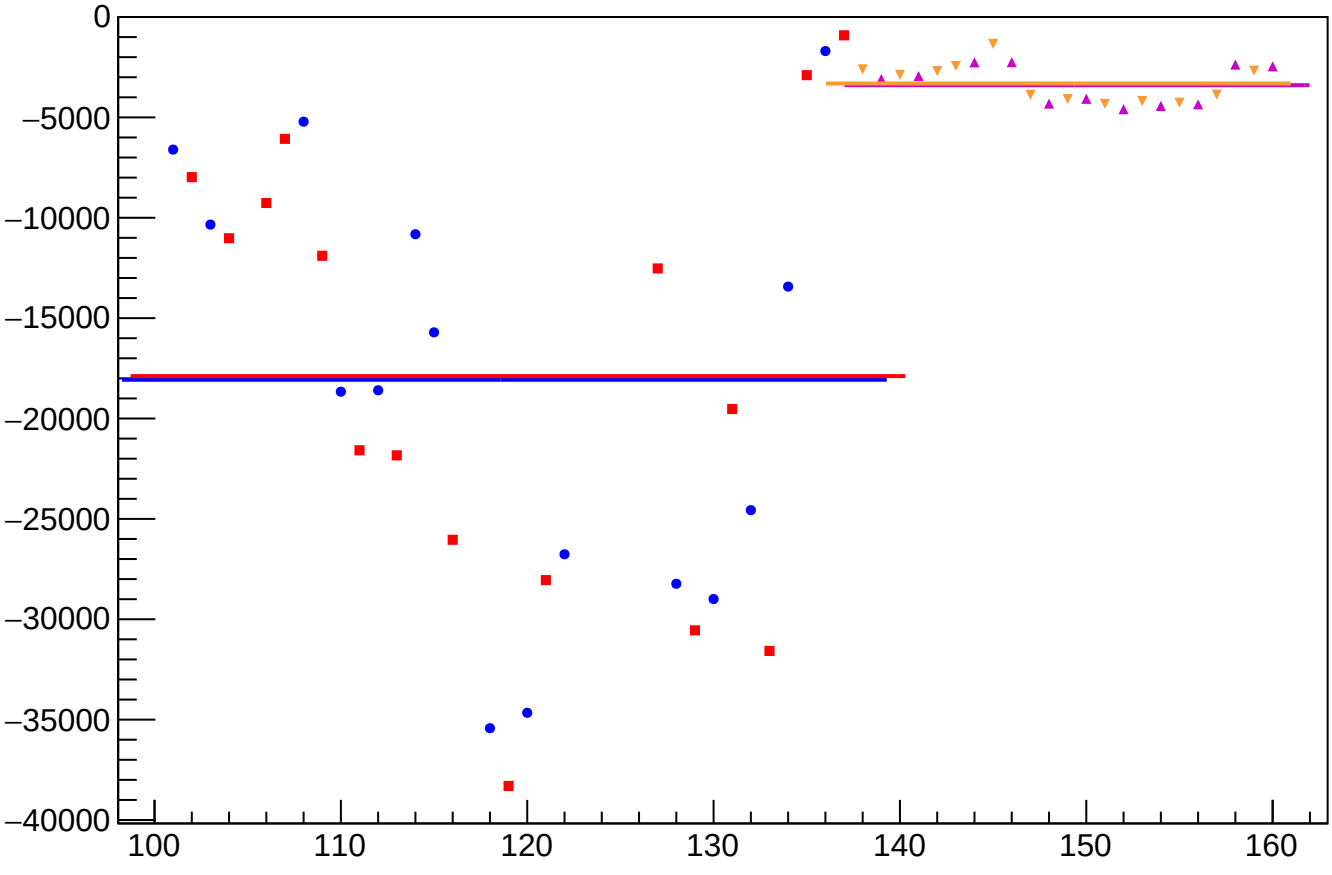
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

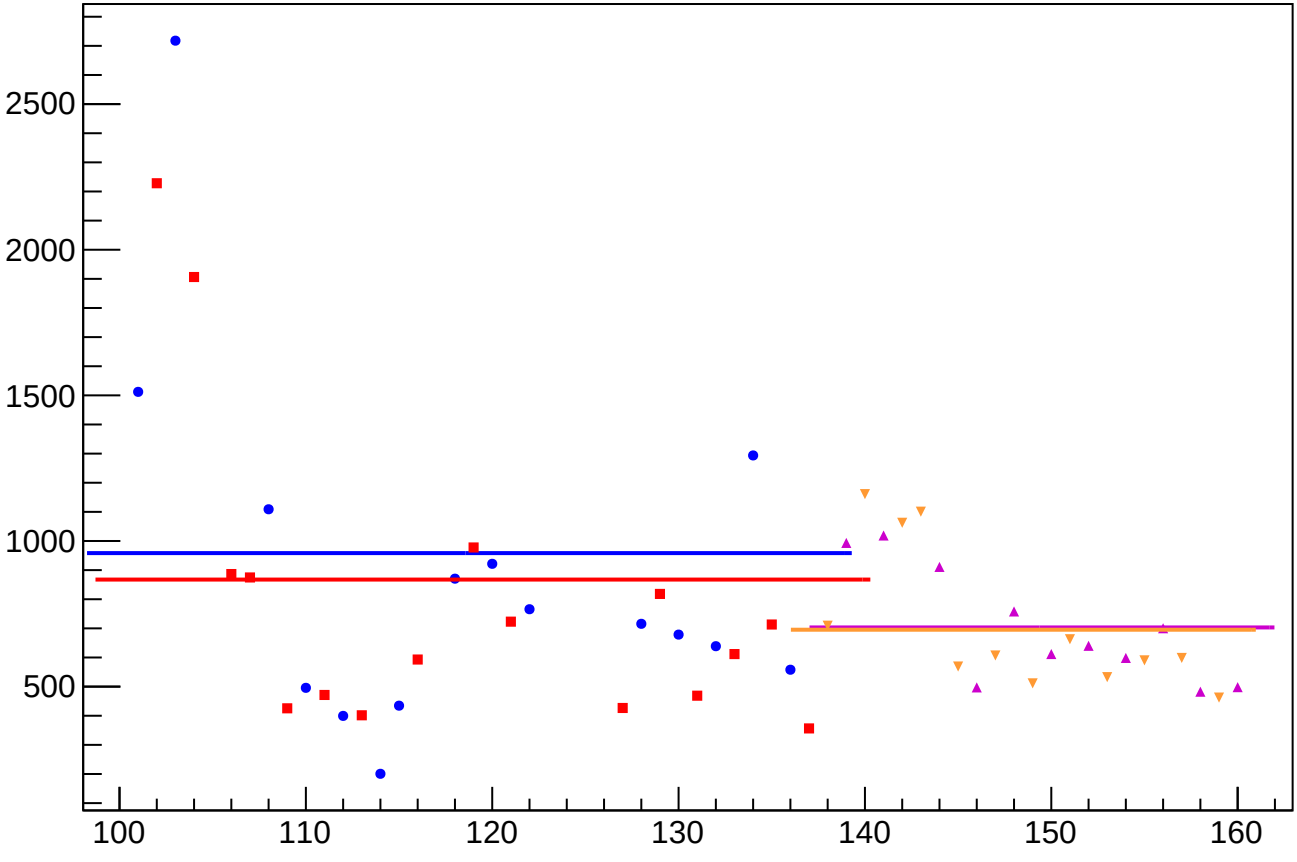
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9439.320+/-0.000 χ^2/NDF: 1677312300640
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
All: -9455.112+/-0.000 χ^2/NDF: 3283182119
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -9470.625+/-0.000 χ^2/NDF: 1605862092635 7
Left In: -3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 804.584+/-0.000 χ^2/NDF: 338998928620433

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

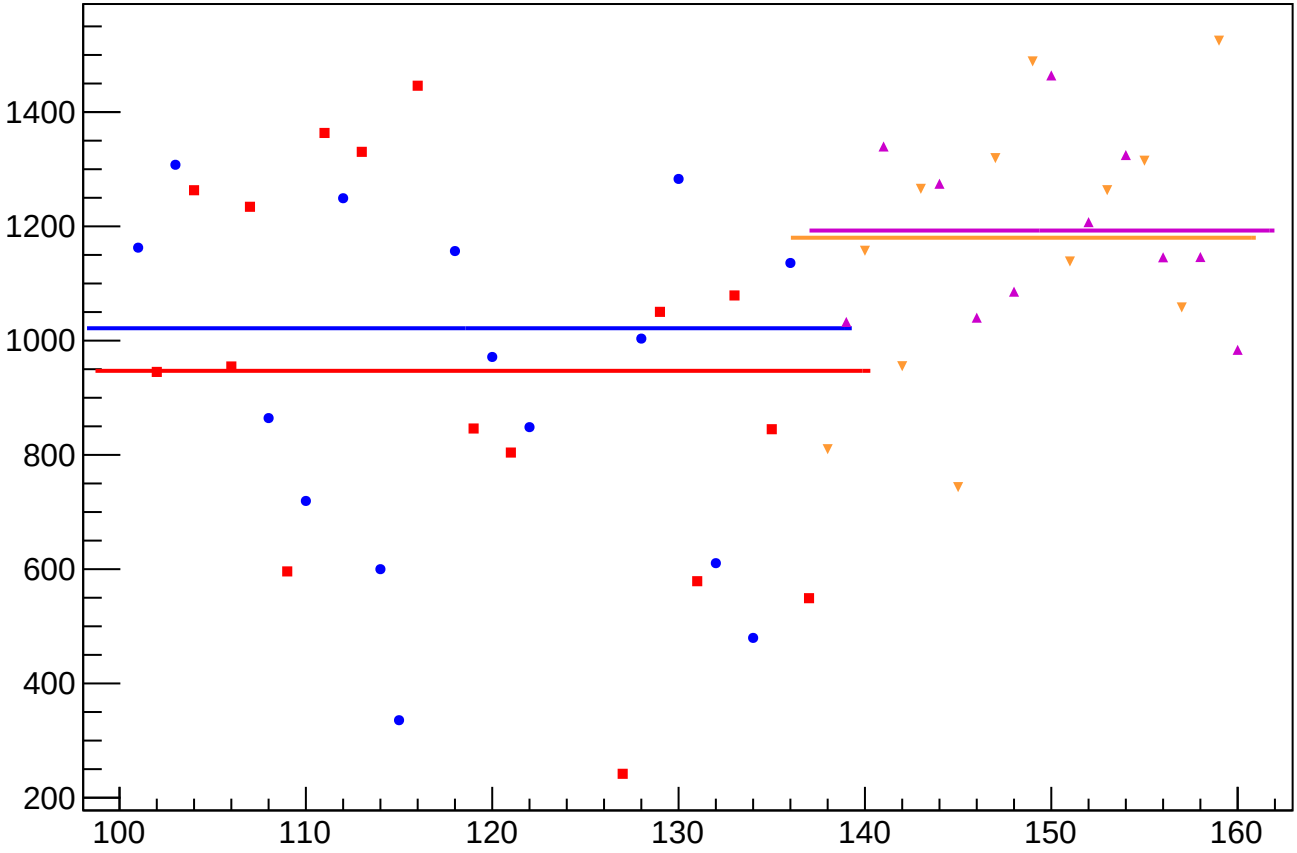
All: 788.186+/-0.000 χ^2/NDF: 5984680249 63

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

- sign 772.078+/-0.000 χ^2/NDF: 258636009193620

Left In: 703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

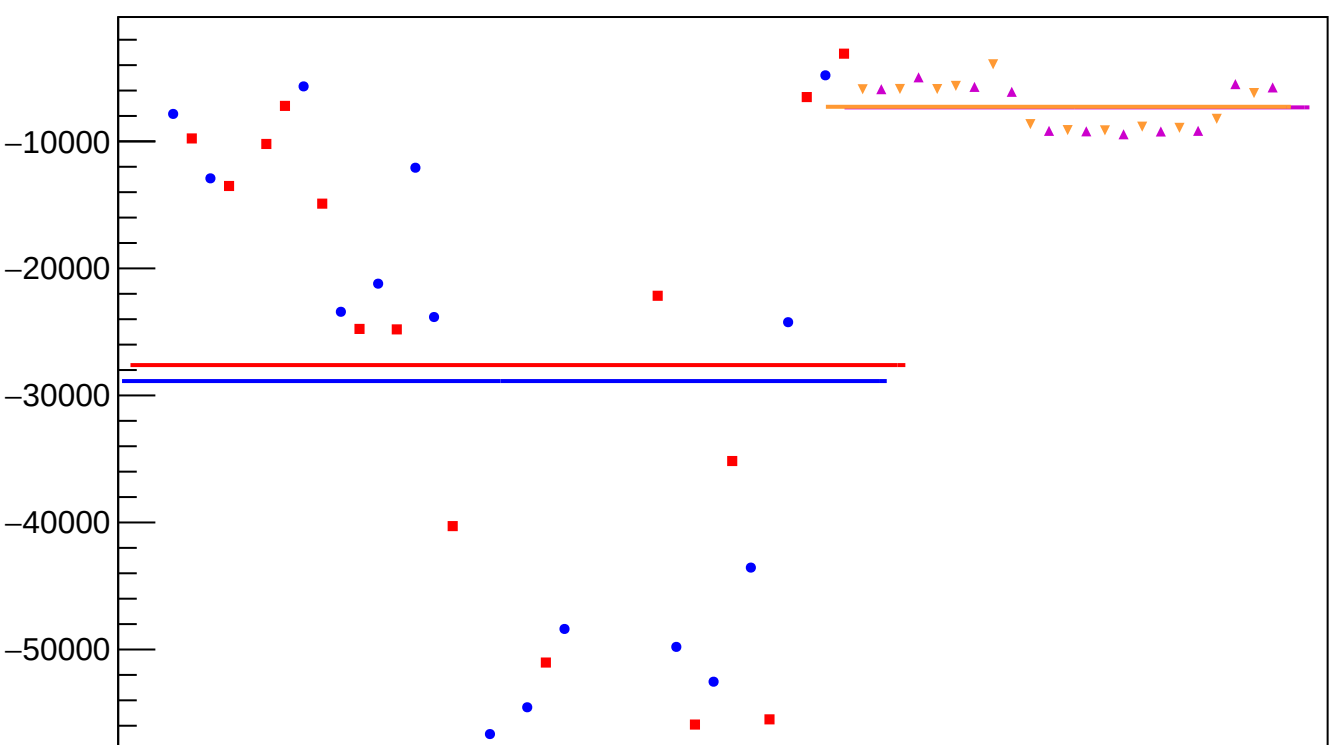
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -16242.946+/-0.000 χ^2/NDF: 441105467605

Left Out: -7277.886+/-0.000 χ^2/NDF:2738867305918098068317388239234104557568.0/11

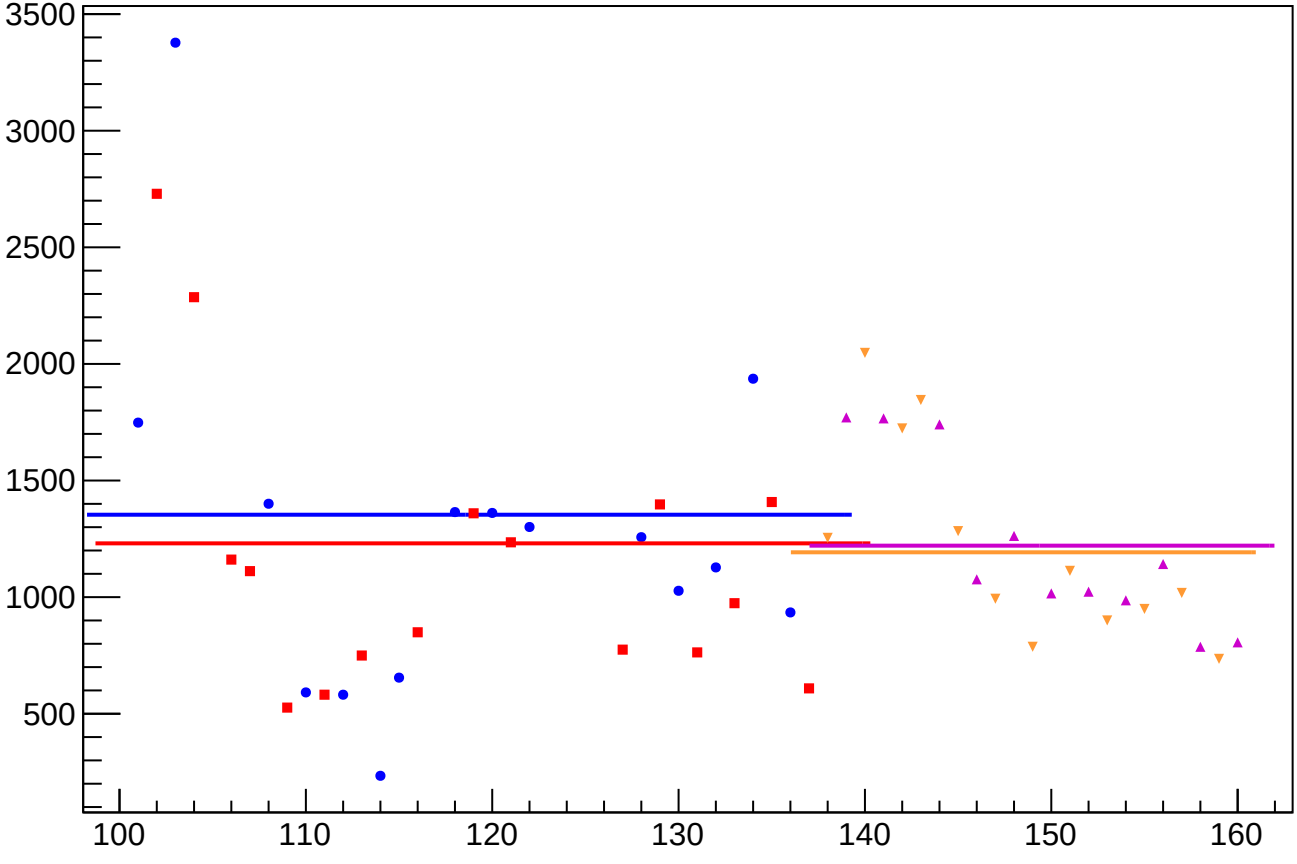
All: -16034.416+/-0.000 χ^2/NDF: 851792093

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -15829.556+/-0.000 χ^2/NDF: 410551888967

Left In: -7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1259.184+/-0.000 χ^2/NDF: 5136360923482 1

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

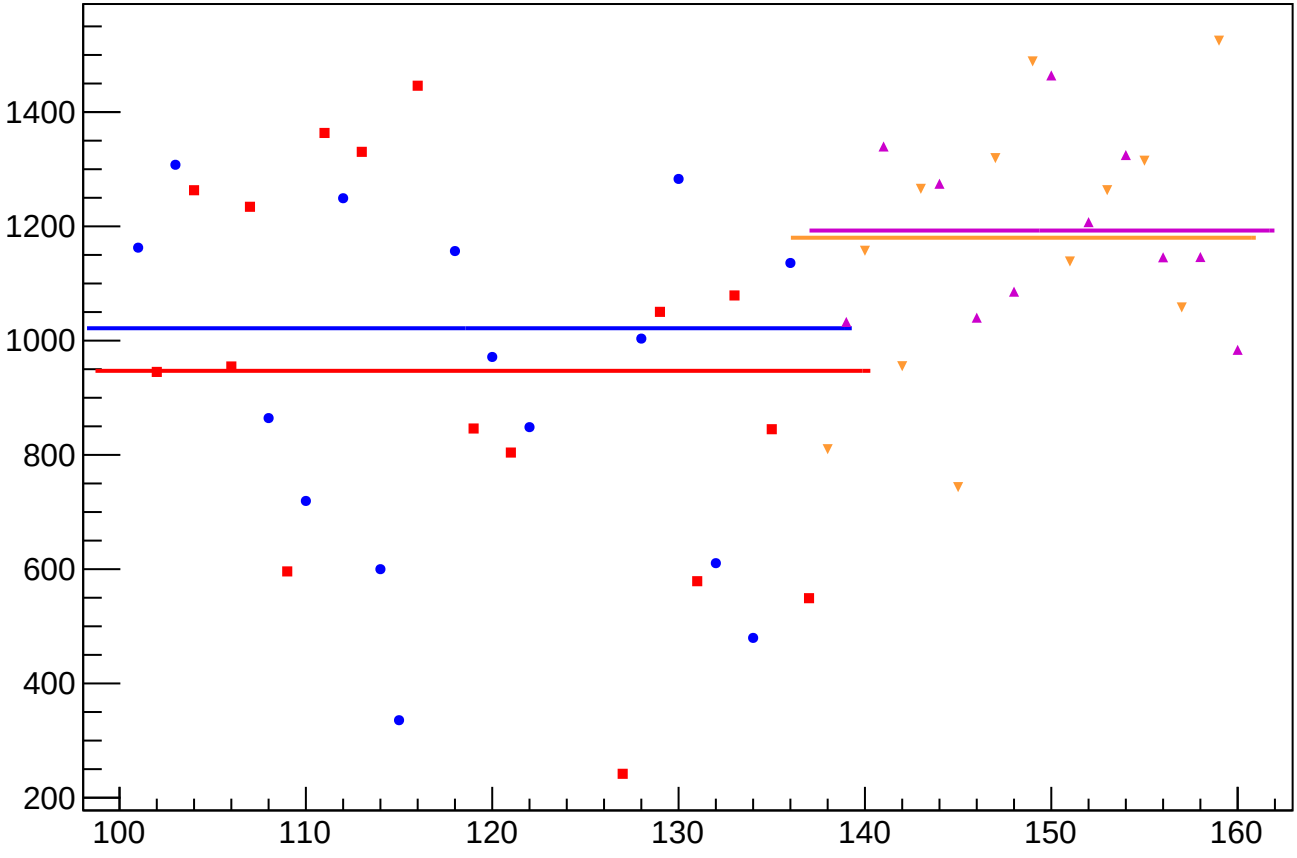
All: 1241.889+/-0.000 χ^2/NDF: 9078869434 7

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1224.899+/-0.000 χ^2/NDF: 39332410450392

Left In: 1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

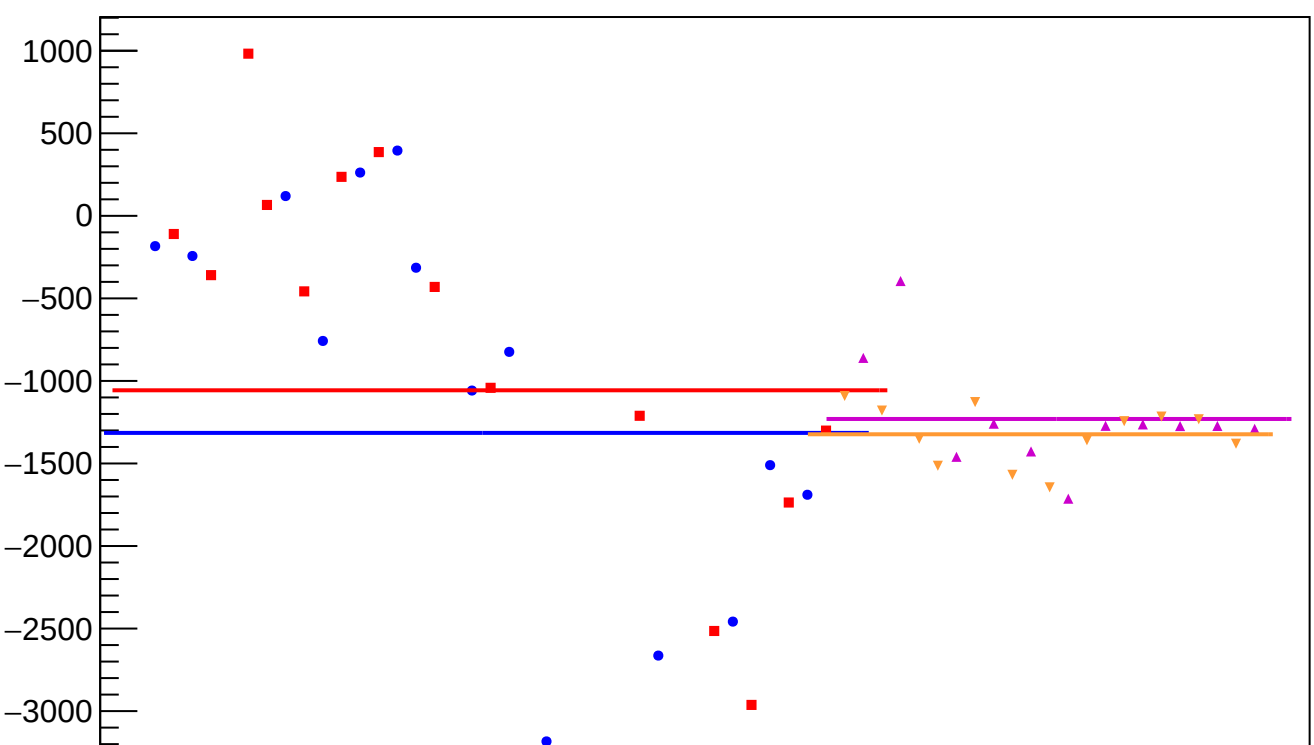
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

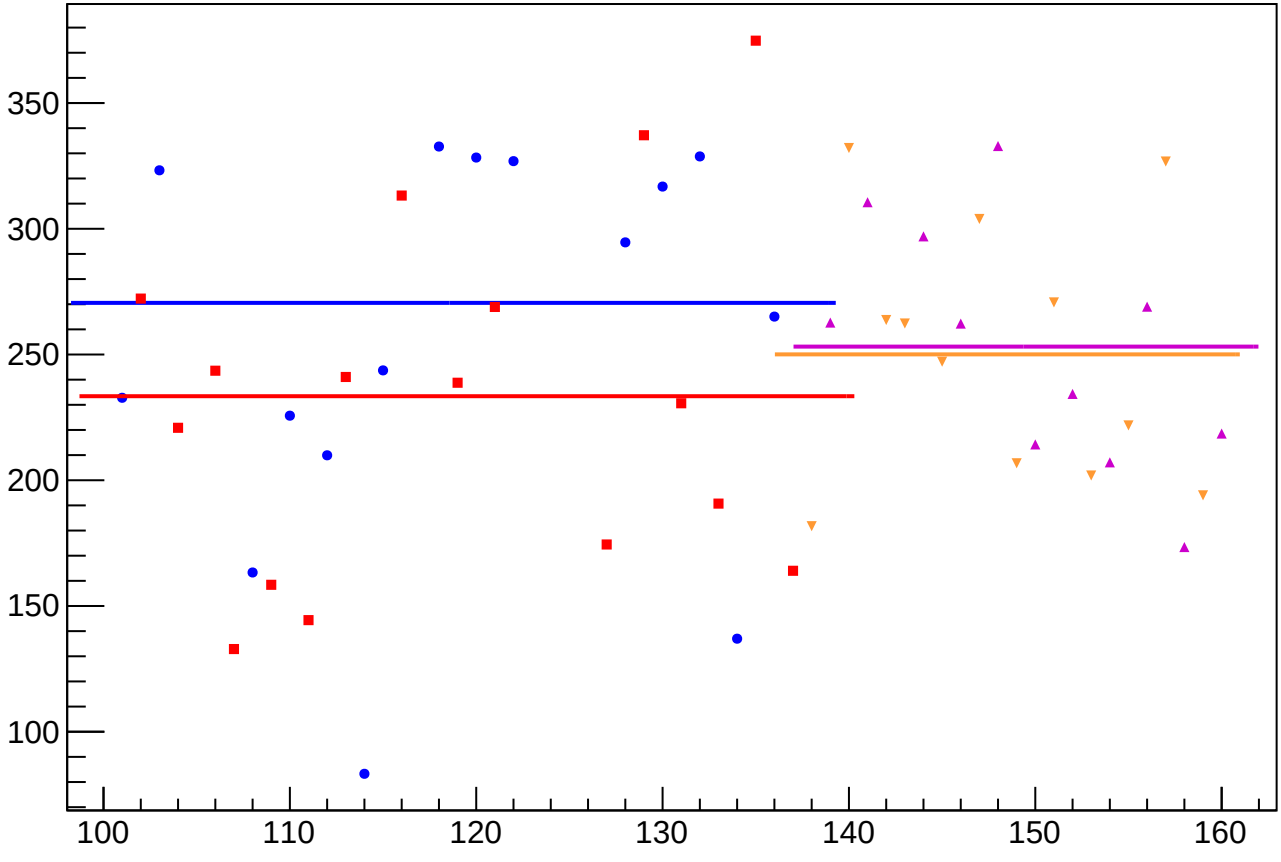
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1319.671+/-0.000 χ^2/NDF: 9932894812646
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
All: -1237.928+/-0.000 χ^2/NDF: 2253249413
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1157.624+/-0.000 χ^2/NDF: 1239256161678
Left In: -1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205 05344.0/10

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

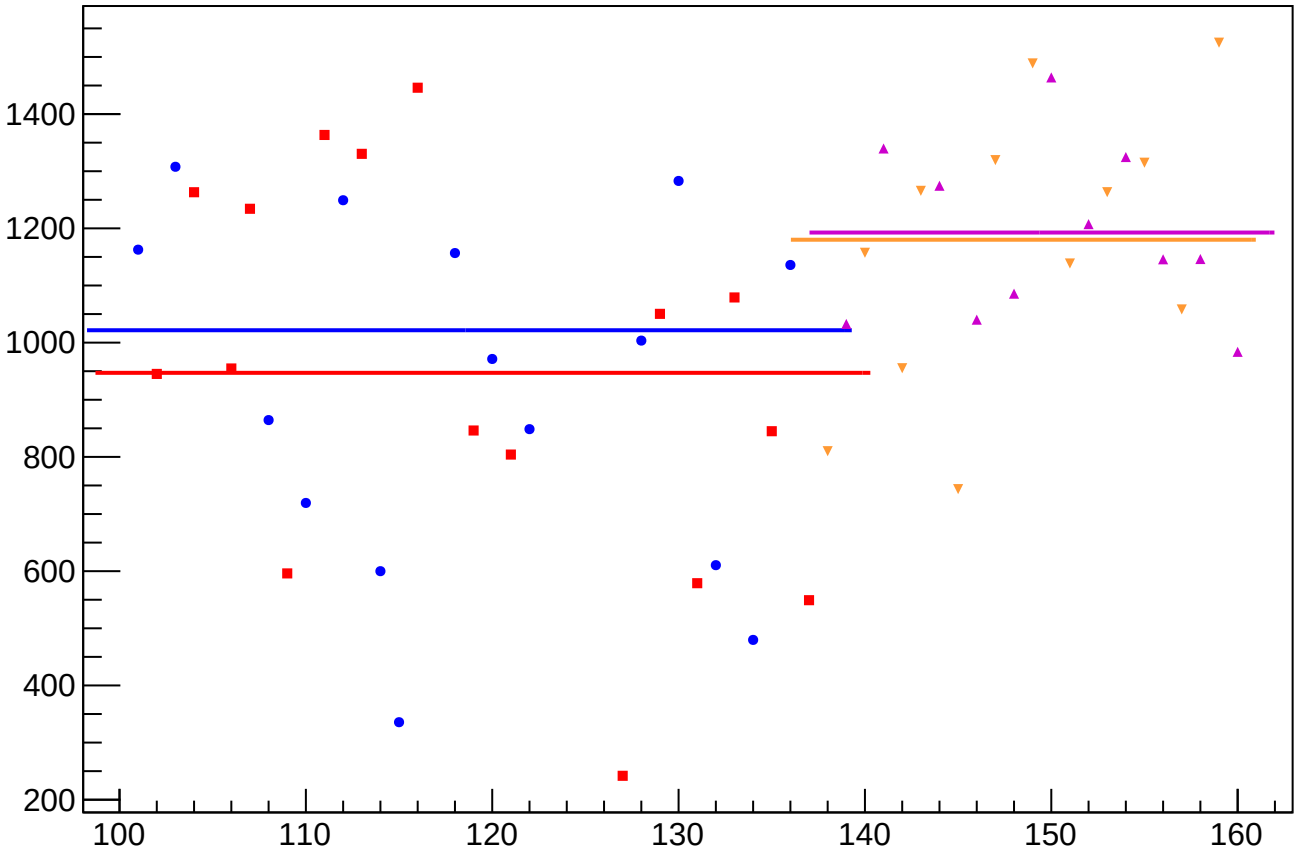
Left In: 253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF: 496246110495273

All: 251.658+/-0.000 χ^2/NDF: 10289533435

- sign 244.876+/-0.000 χ^2/NDF: 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

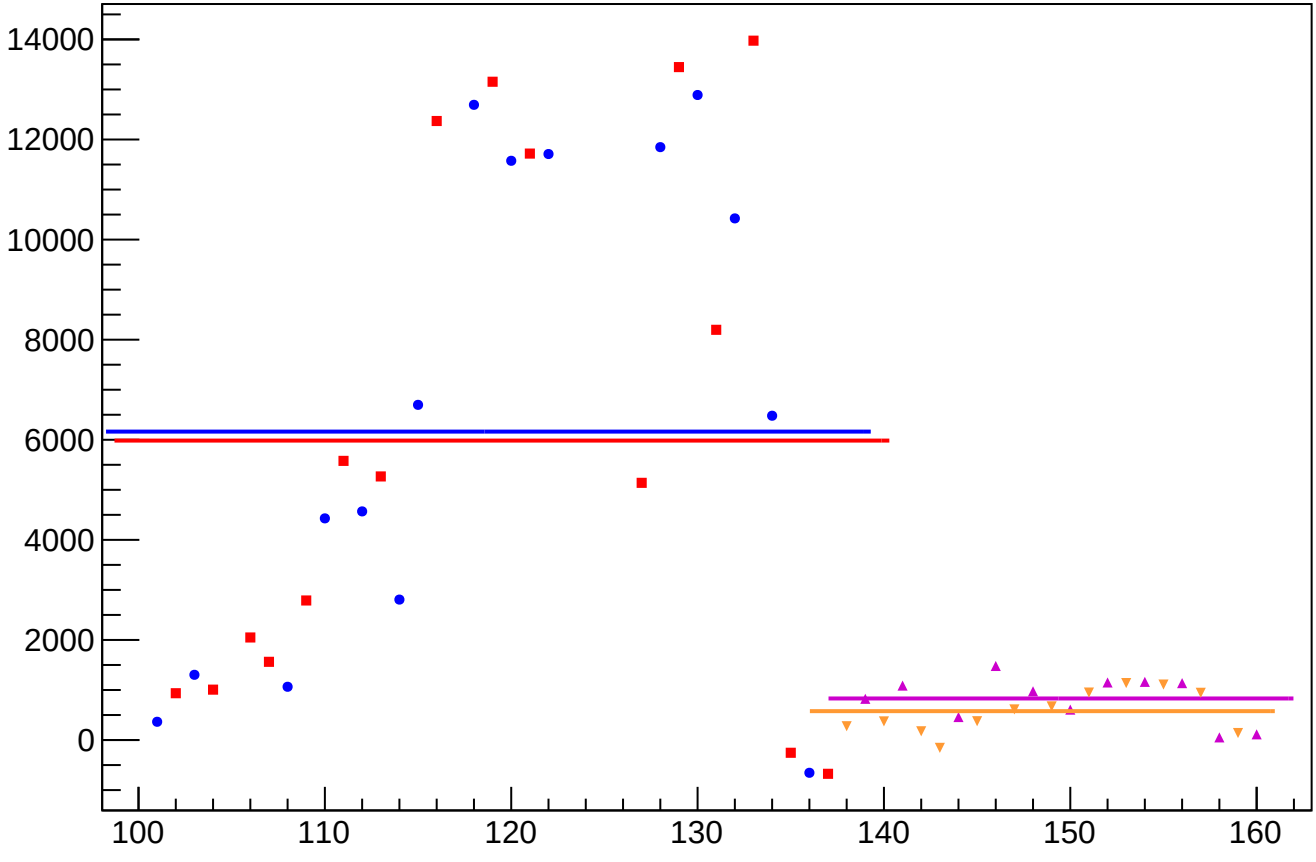
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 2896.810+/-0.000 χ^2/NDF: 30187505563734

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

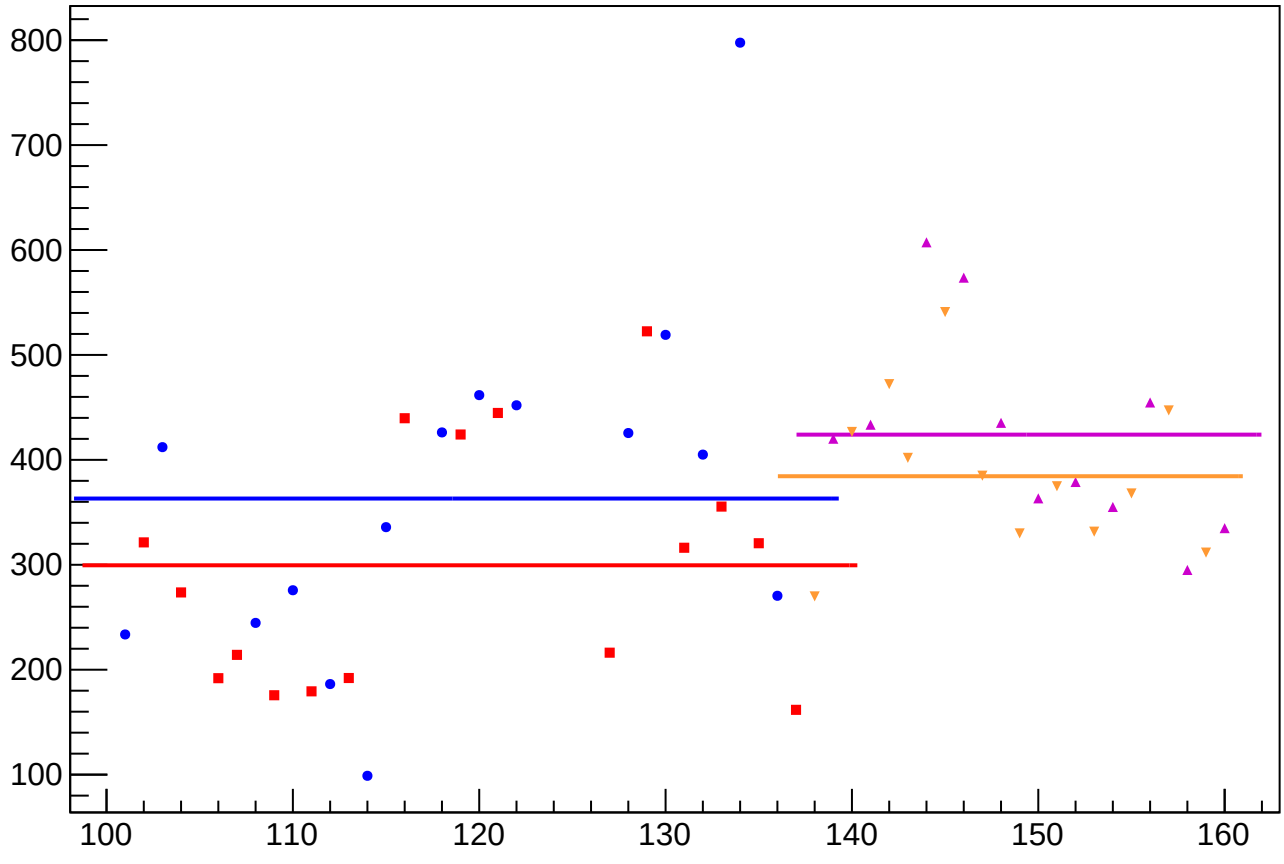
All: 2944.332+/-0.000 χ^2/NDF: 5815922787 8

Right Out: 5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

- sign 2991.017+/-0.000 χ^2/NDF: 27964724924864

Left In: 830.587+/-0.000 χ^2/NDF:1723370924037262731973560206151280230 40.0/10

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

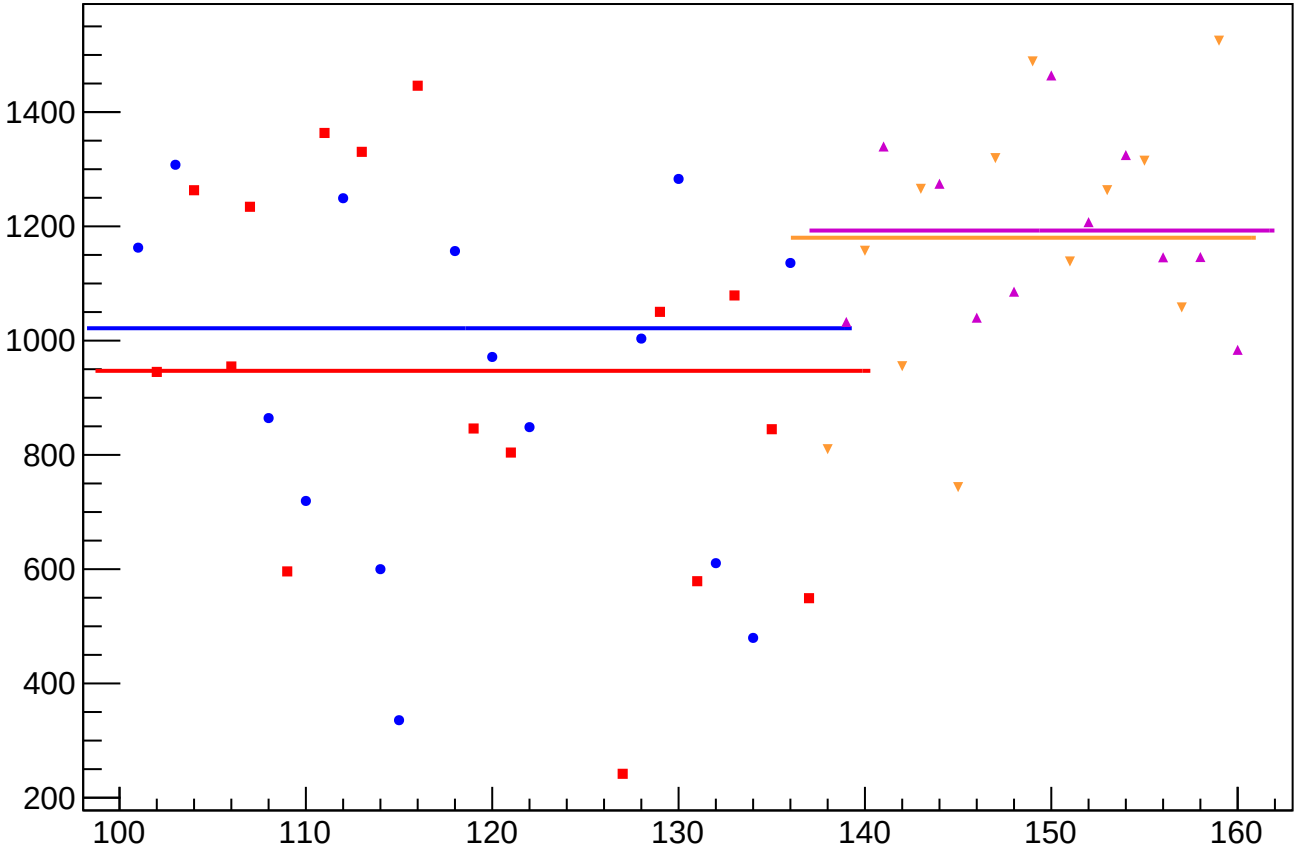
Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ sign 375.568+/-0.000 χ^2/NDF: 16377739422265 1

All: 373.683+/-0.000 χ^2/NDF: 3789335787 34

- sign 371.831+/-0.000 χ^2/NDF: 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

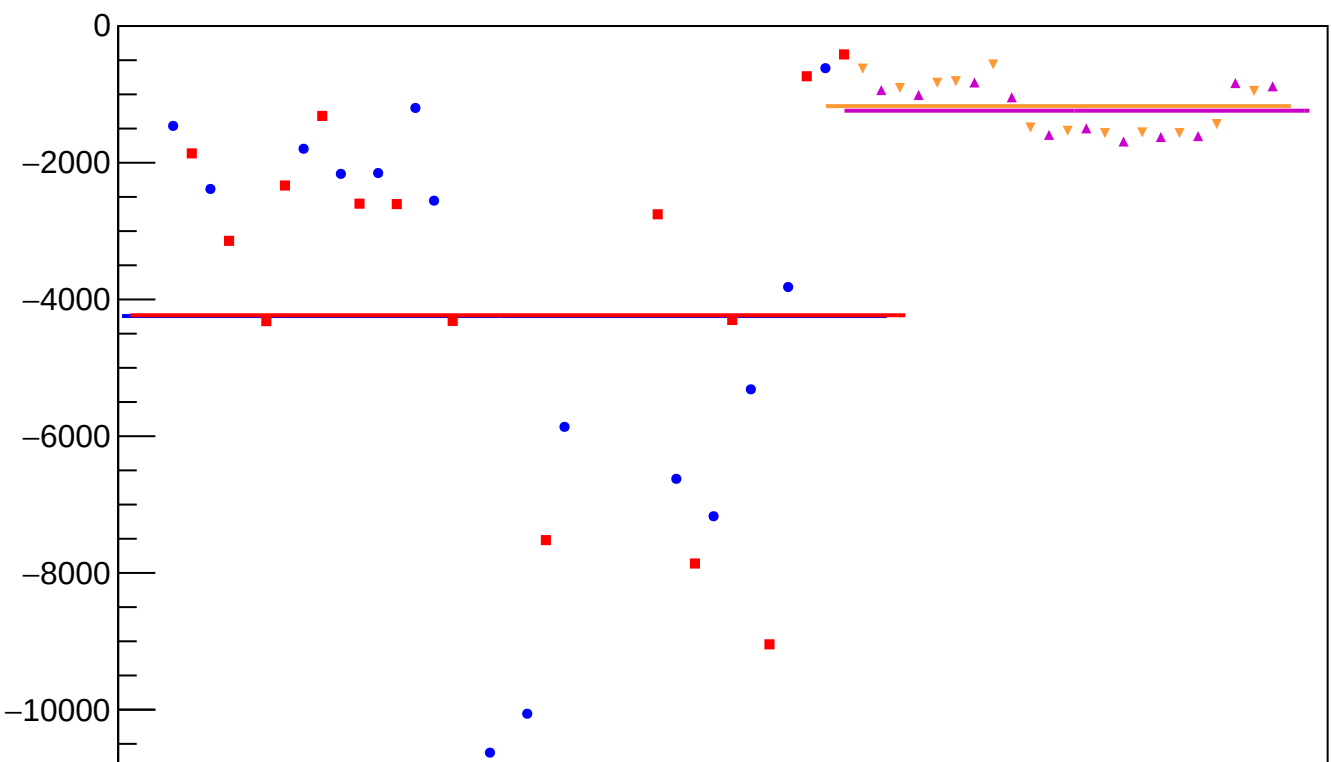
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

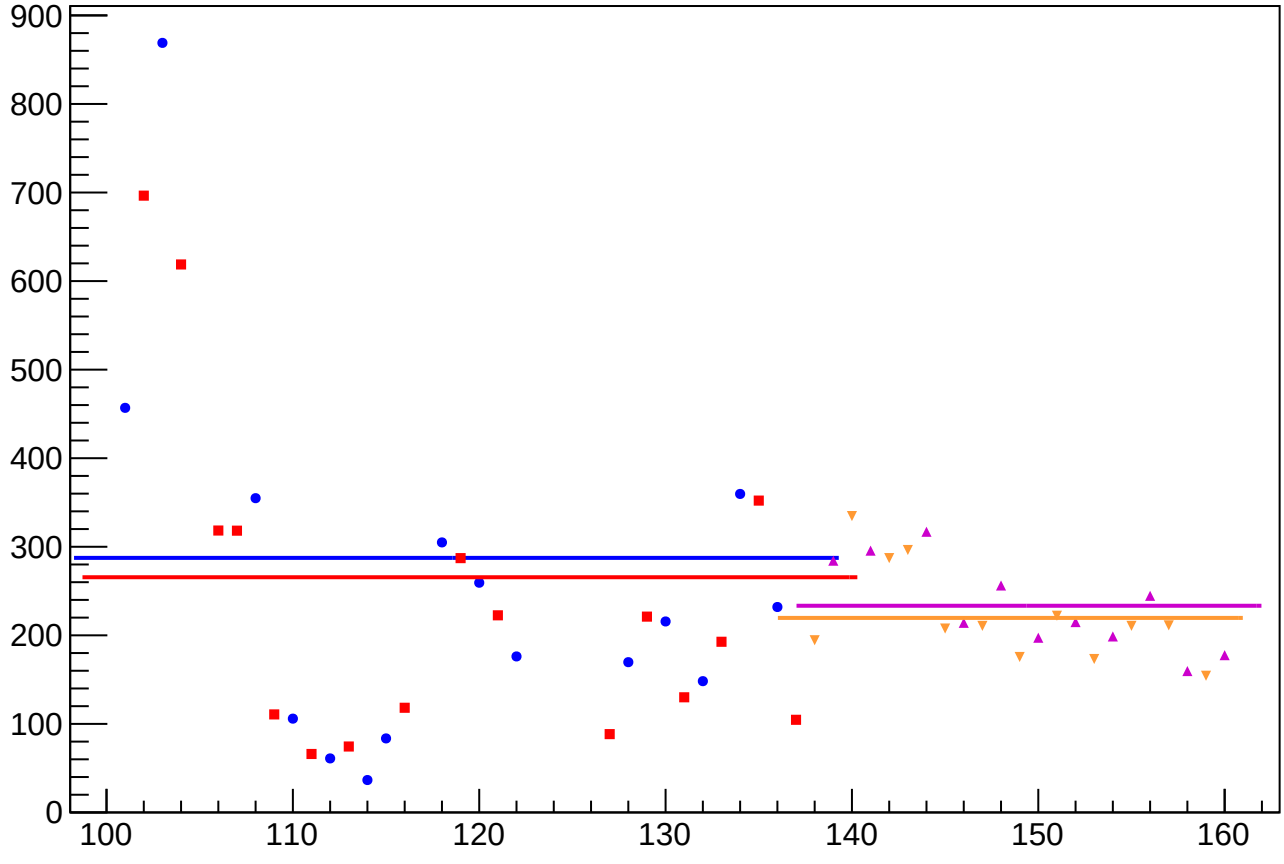
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2446.693+/-0.000 χ^2/NDF: 1049869951463
Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11
All: -2470.156+/-0.000 χ^2/NDF: 2076239631
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2493.207+/-0.000 χ^2/NDF: 10261991032463
Left In: -1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF:245550752267692676232869241918010163 2.0/11

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

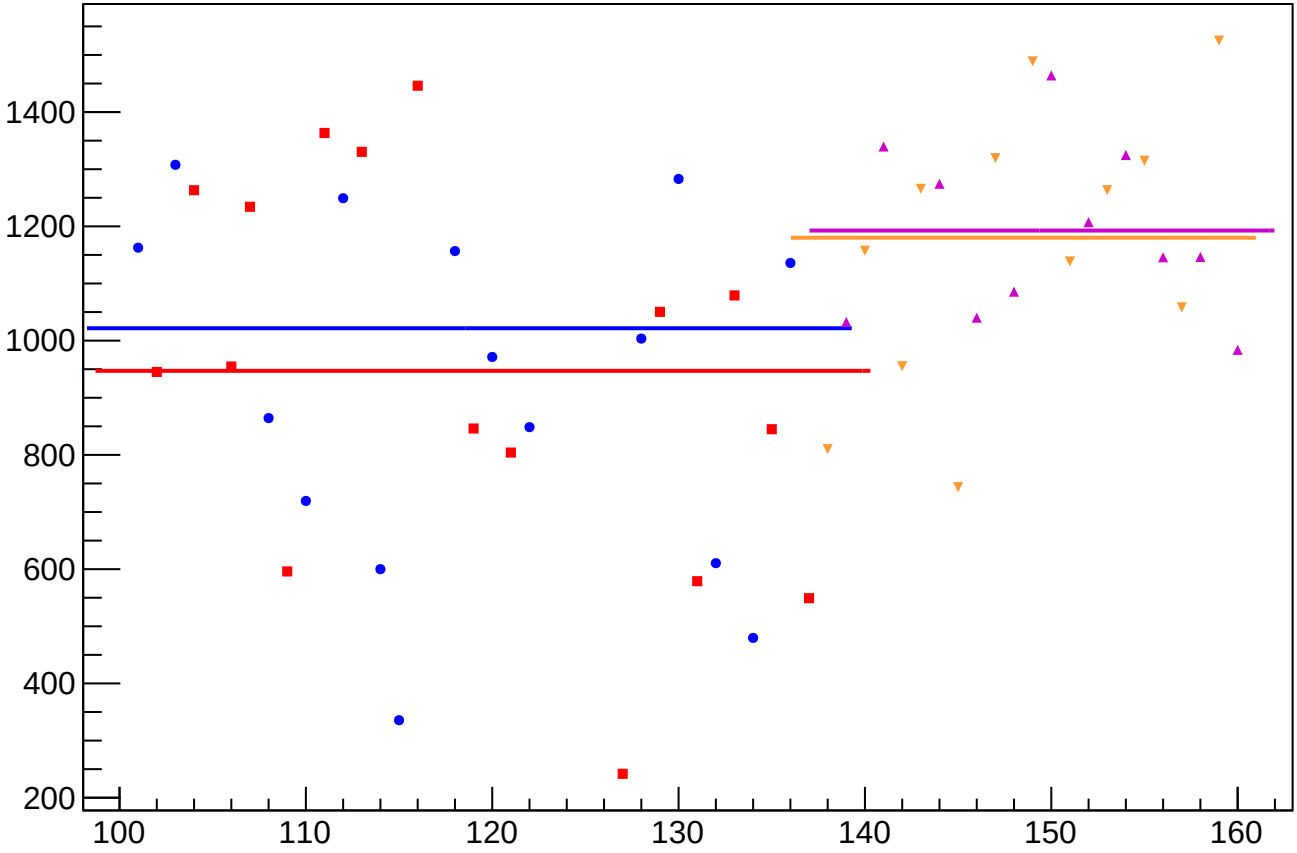
Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

+ sign 247.819+/-0.000 χ^2/NDF: 33716502024544 6

All: 247.353+/-0.000 χ^2/NDF: 6213331610 36

- sign 246.895+/-0.000 χ^2/NDF: 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

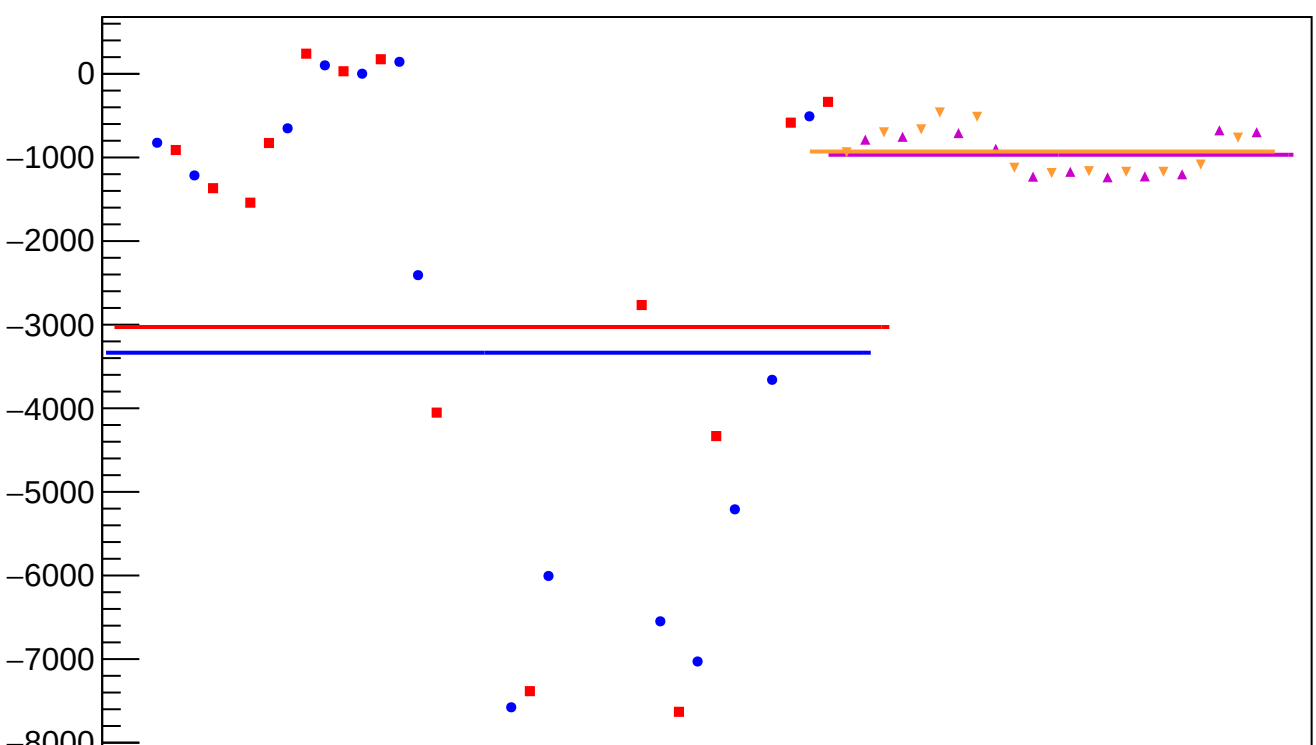
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

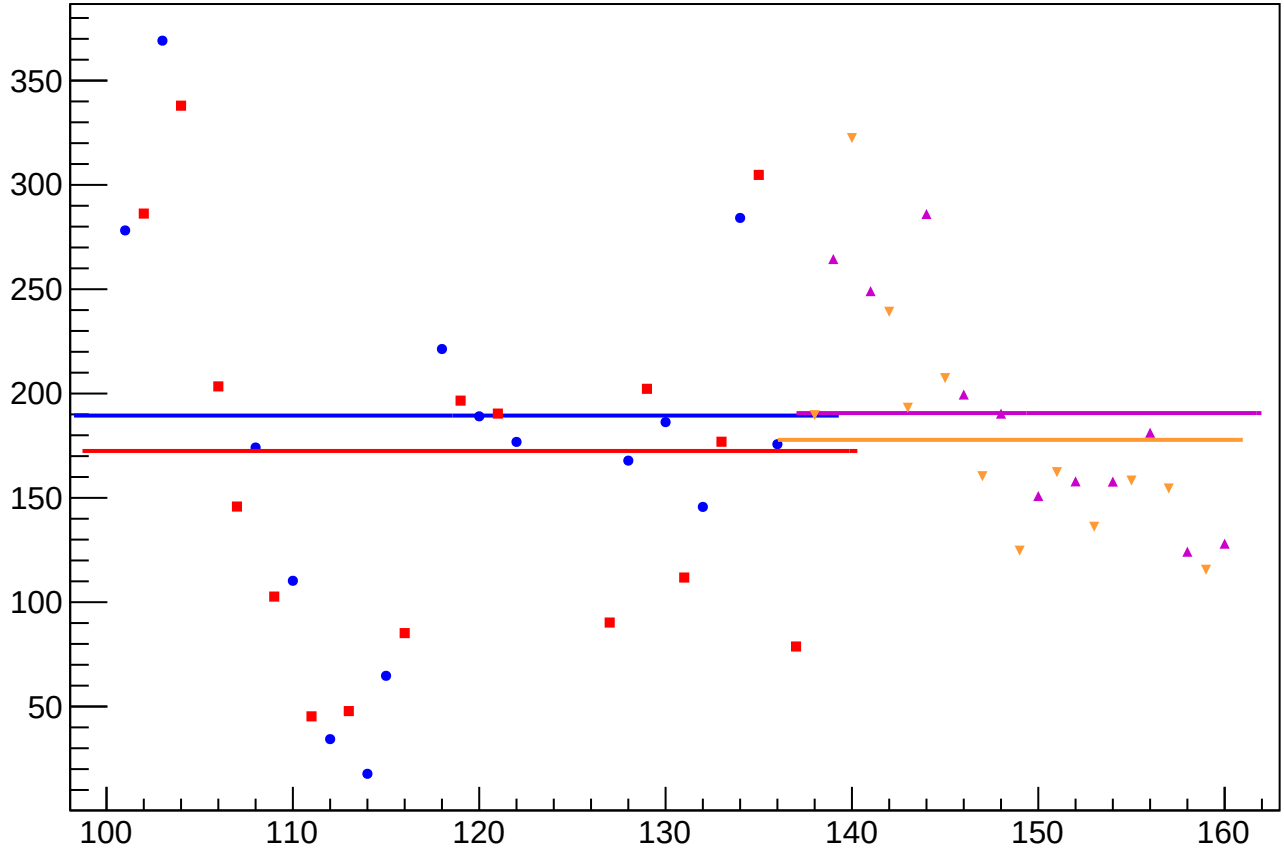
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1928.069+/-0.000 χ^2/NDF: 8598052081097
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
All: -1879.206+/-0.000 χ^2/NDF: 1738697442
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1831.203+/-0.000 χ^2/NDF: 8781524392248 3
Left In: -967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 182.640+/-0.000 χ^2/NDF: 755196649084906

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

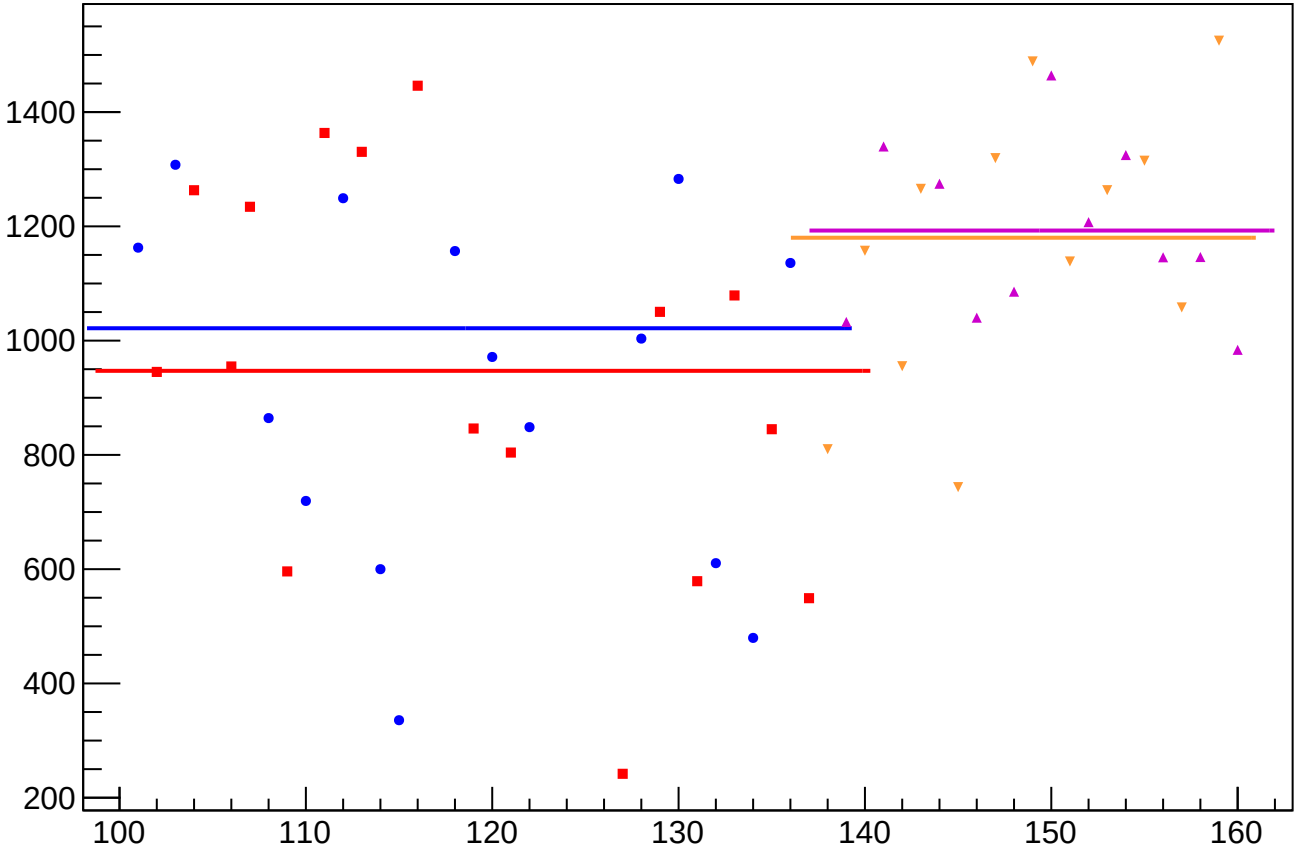
All: 182.836+/-0.000 χ^2/NDF: 15810669328

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

- sign 183.029+/-0.000 χ^2/NDF: 825858339211044

Left In: 190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

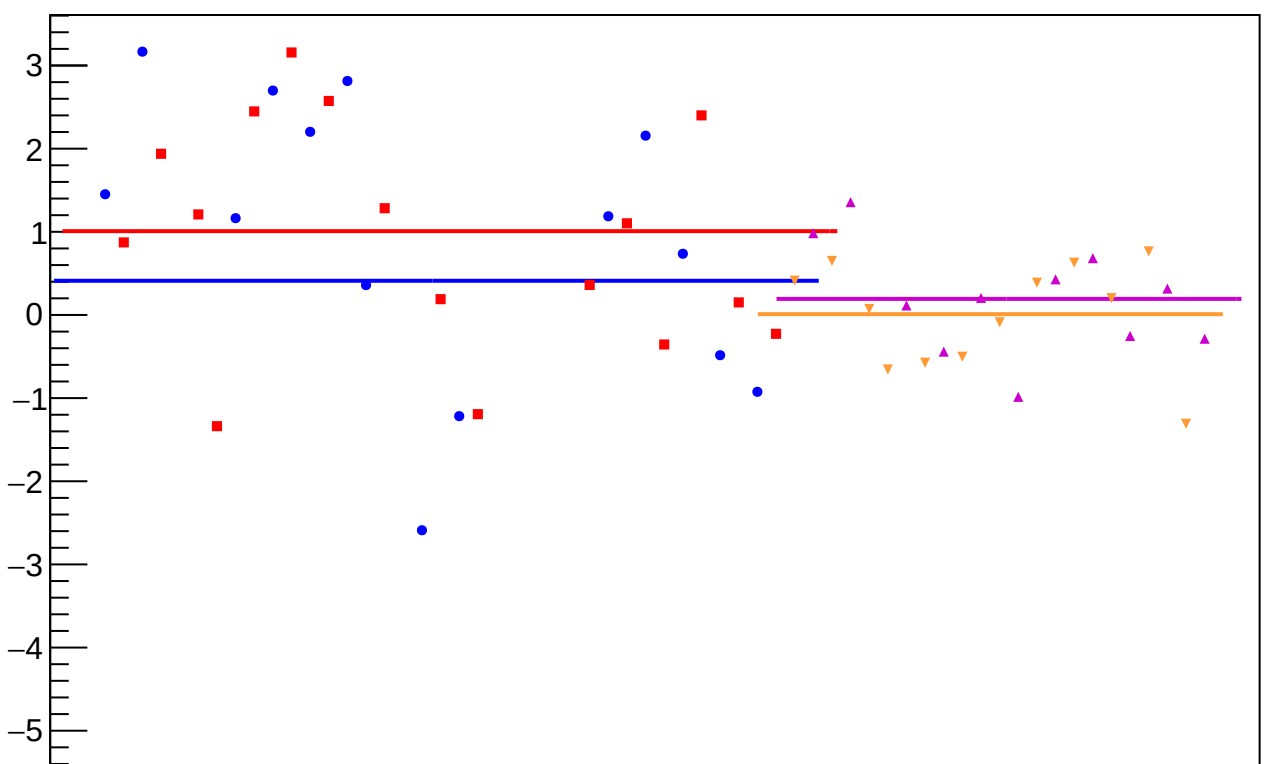
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38013535411119763

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

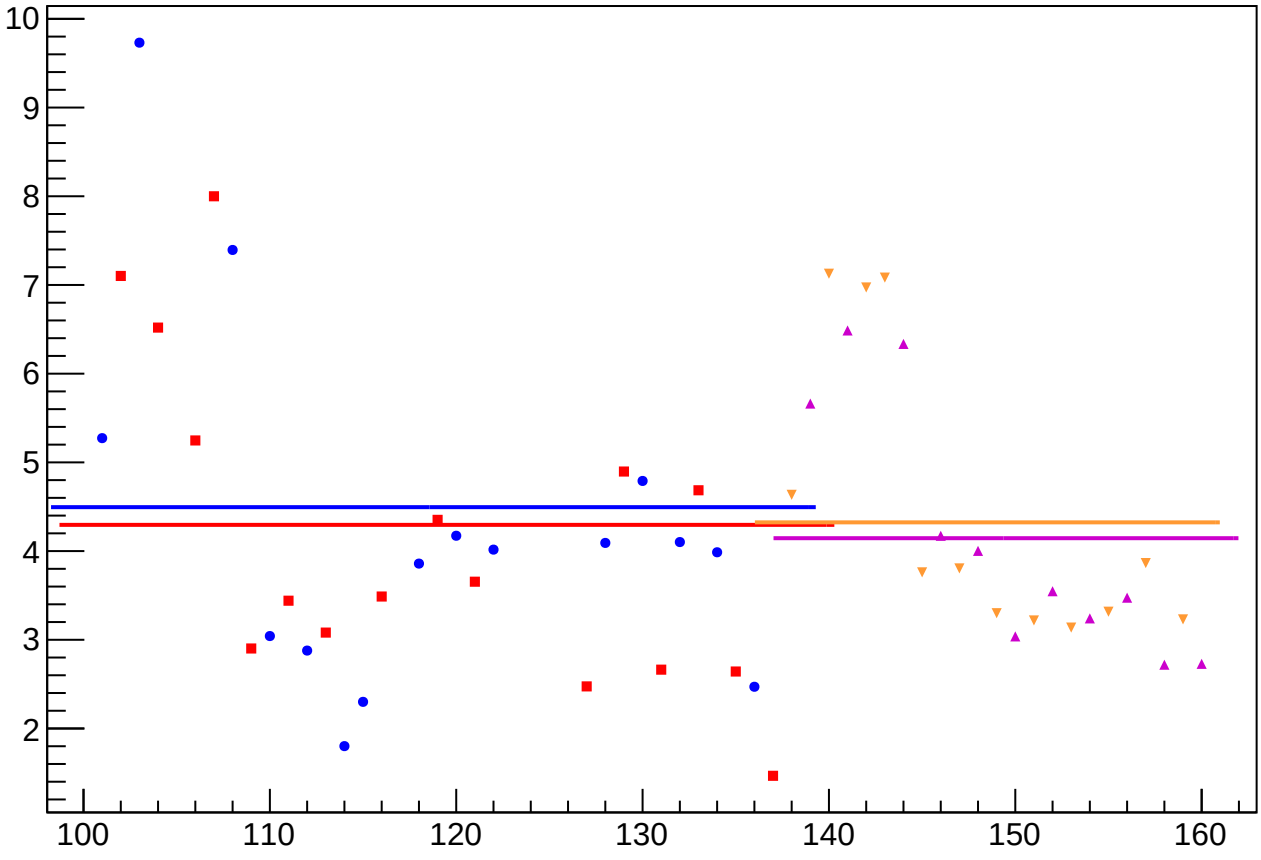
All: 0.357+/-0.000 χ^2/NDF: 5674167911062 2

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.535+/-0.000 χ^2/NDF: 17715106696706138

Left In: 0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.324+/-0.000 χ^2/NDF:202553496938895005840710911918080 0.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

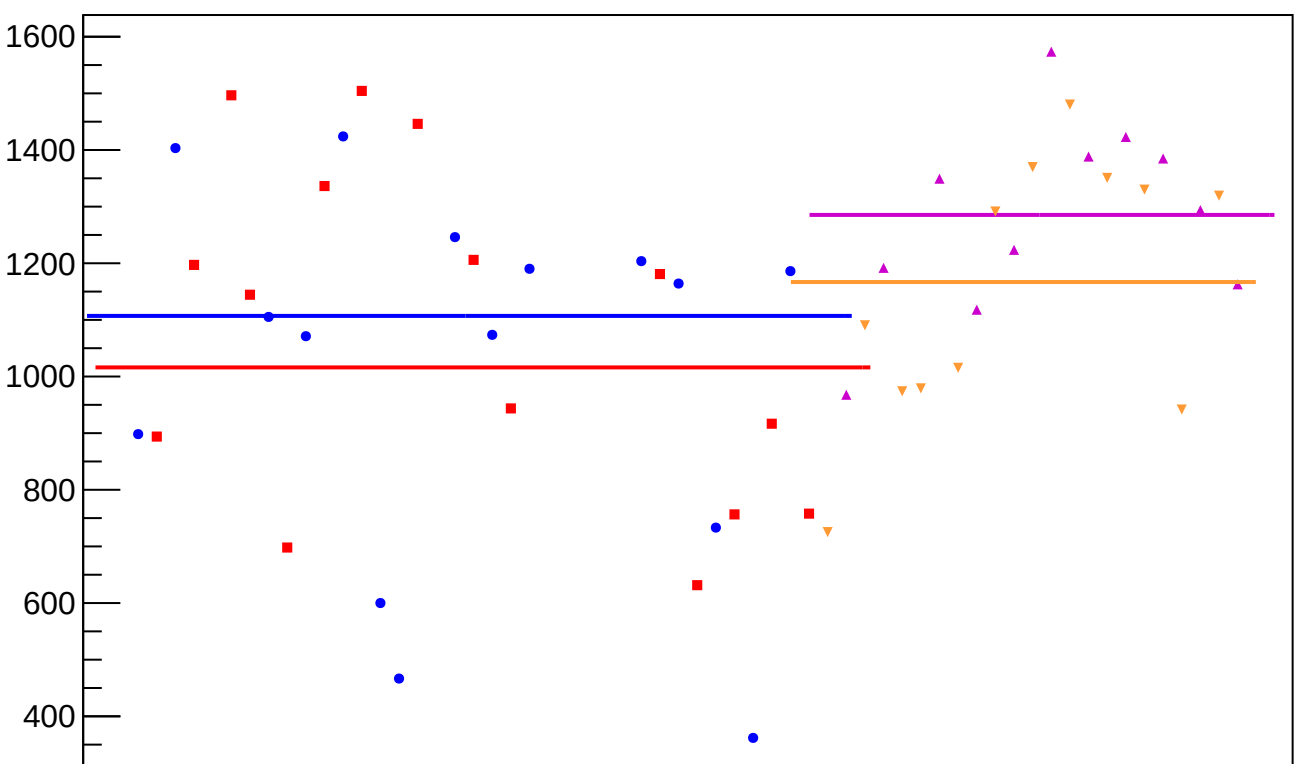
Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ sign 4.395+/-0.000 χ^2/NDF: 4778921312885319 5

All: 4.301+/-0.000 χ^2/NDF: 847301115148 39

- sign 4.208+/-0.000 χ^2/NDF: 36666176911582785

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

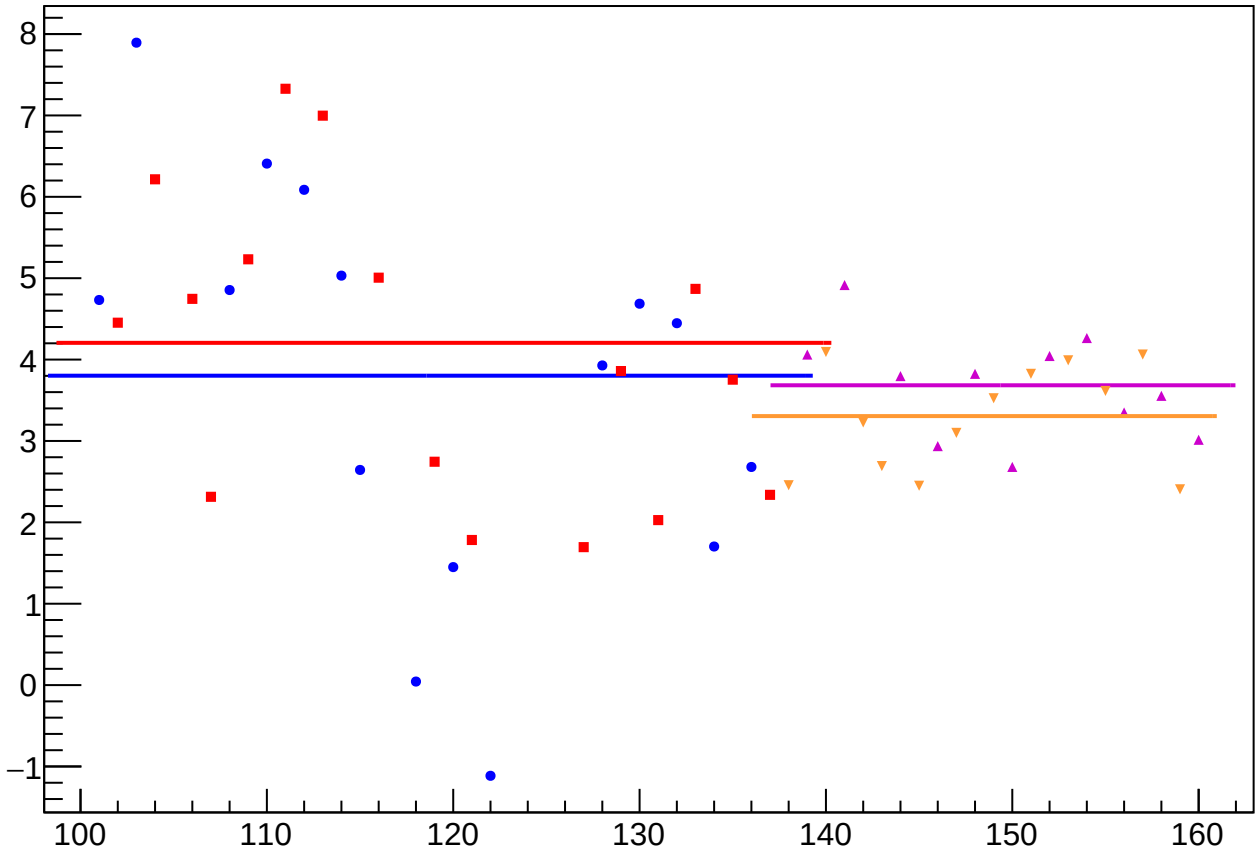
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.512+/-0.000 χ^2/NDF: 42645411605619782

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

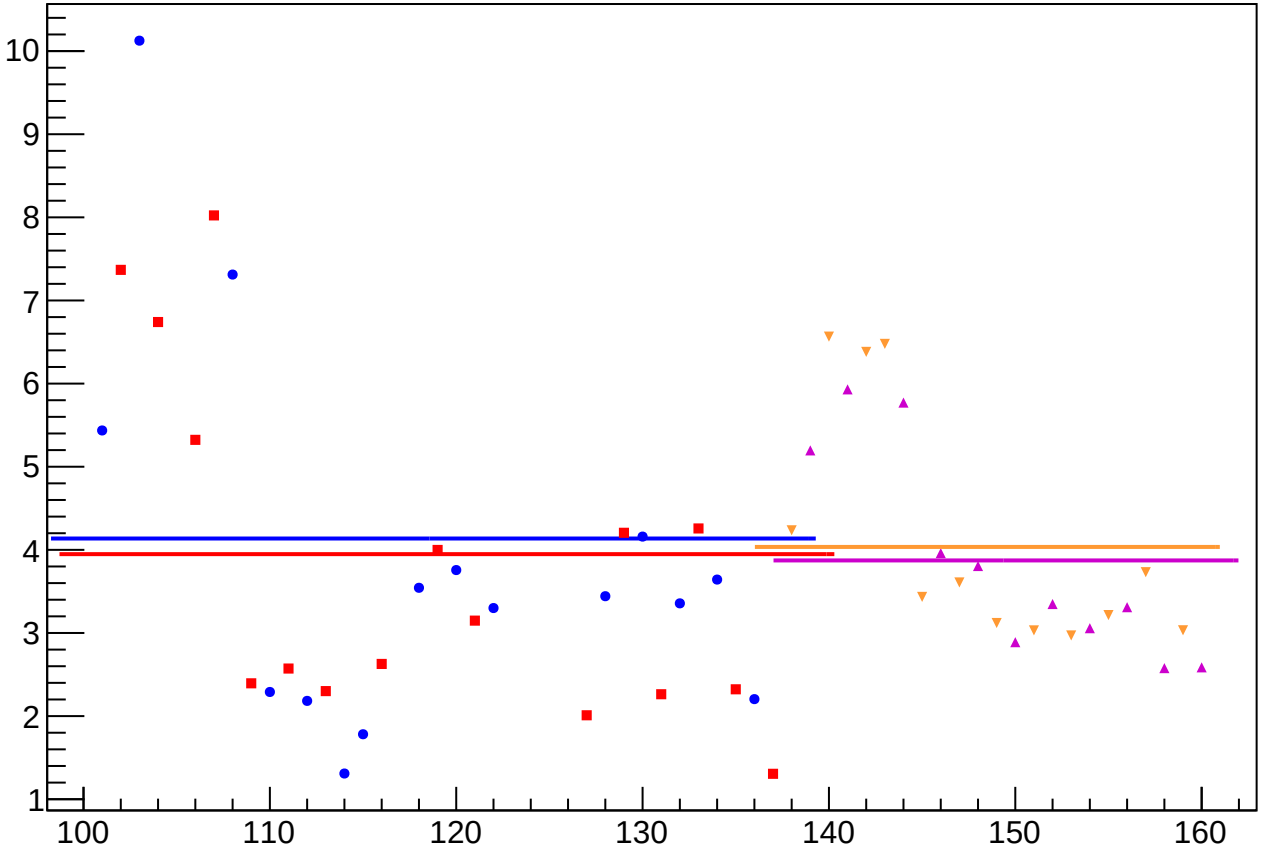
All: 3.709+/-0.000 χ^2/NDF: 6952977853900 1

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.903+/-0.000 χ^2/NDF: 25677839447530972

Left In: 3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

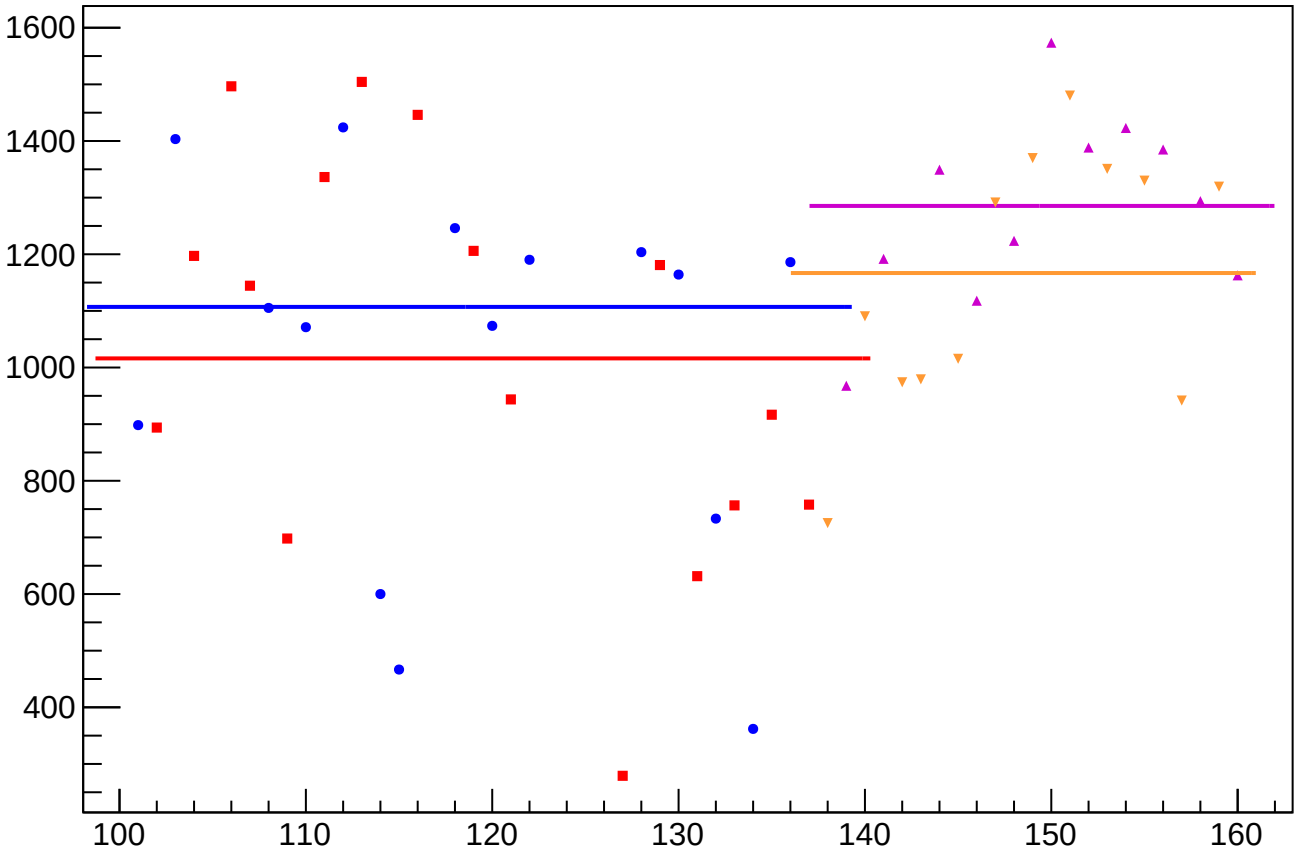
Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF: 5120791109485676

All: 3.990+/-0.000 χ^2/NDF: 9095304905164

- sign 3.904+/-0.000 χ^2/NDF: 3950992574828696

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

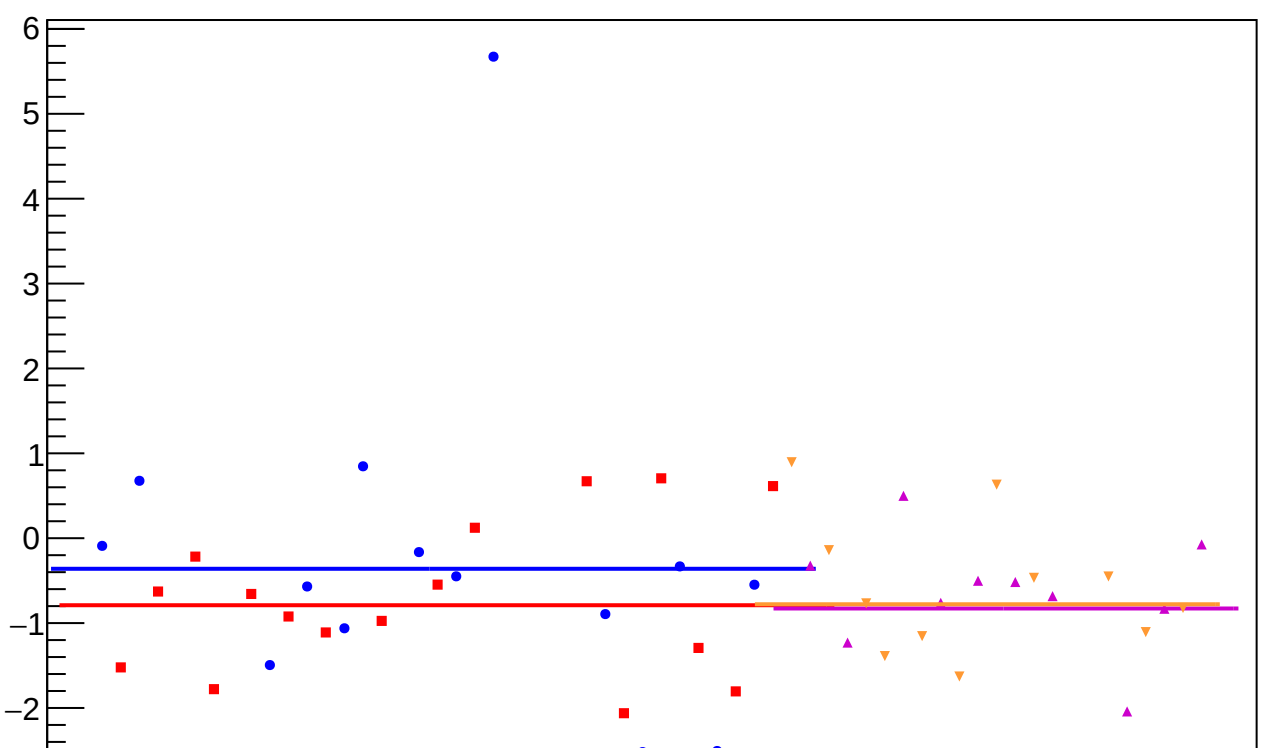
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.605+/-0.000 χ^2/NDF: 3188346311700114

Left Out: -0.778+/-0.000 χ^2/NDF:9417925683764342254868439886725 12.0/11

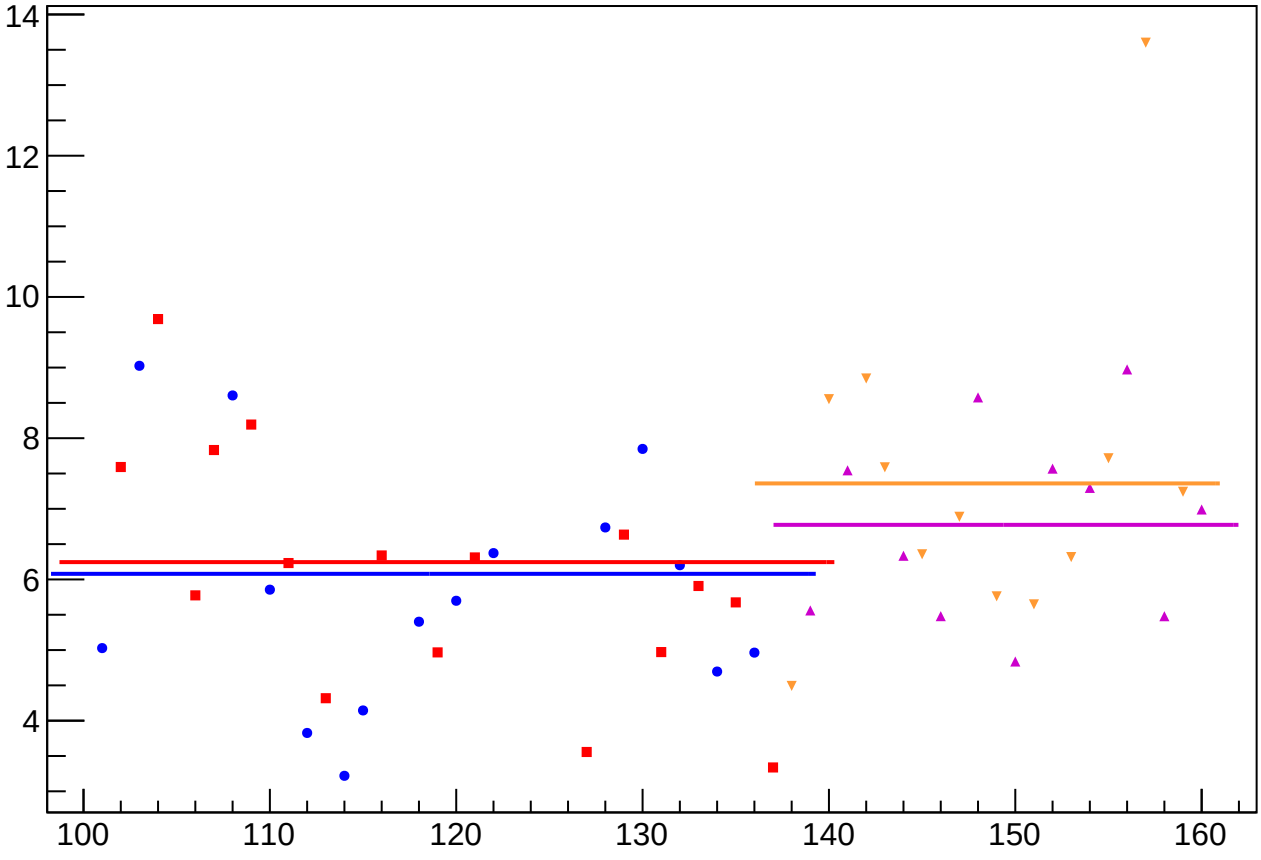
All: -0.709+/-0.000 χ^2/NDF: 4336052335682

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.812+/-0.000 χ^2/NDF: 1113826026082910

Left In: -0.828+/-0.000 χ^2/NDF:6501739774591225245371804543877 12.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.828+/-0.000 χ^2/NDF: 6792638877370086 9

Left Out: 7.360+/-0.000 χ^2/NDF:458038075523936550358514007015424 0.0/11

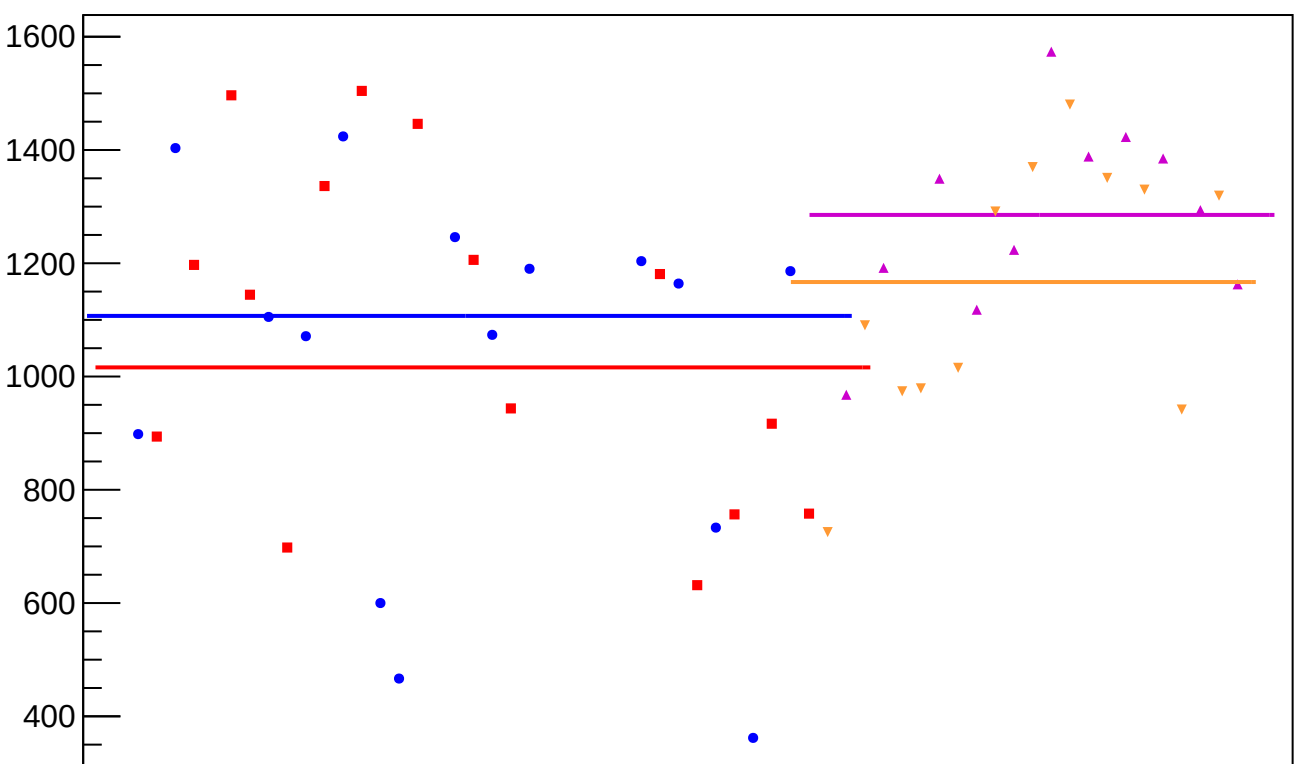
All: 6.689+/-0.000 χ^2/NDF: 1032305053905 5

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.552+/-0.000 χ^2/NDF: 34702547921187787

Left In: 6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

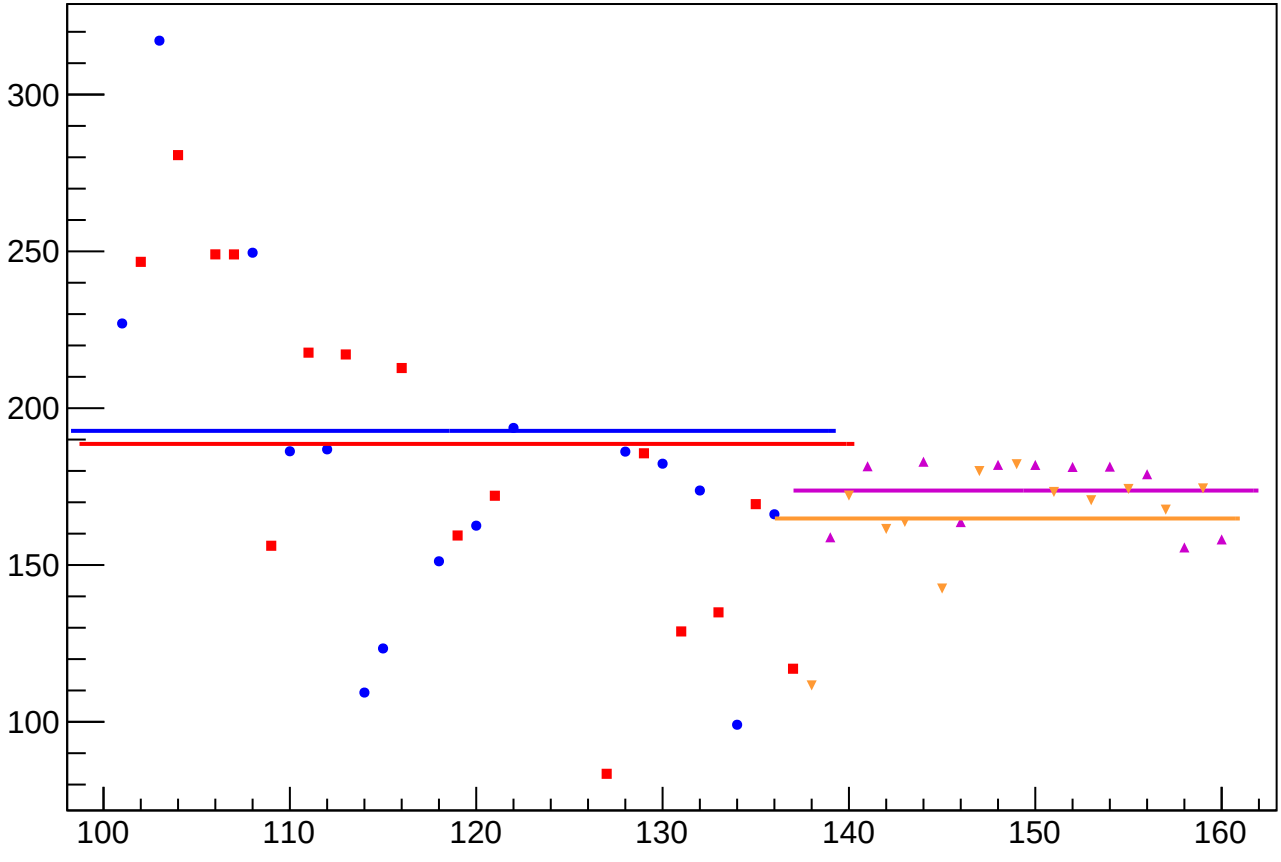
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.433+/-0.000 χ^2/NDF: 226806307744820

Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11

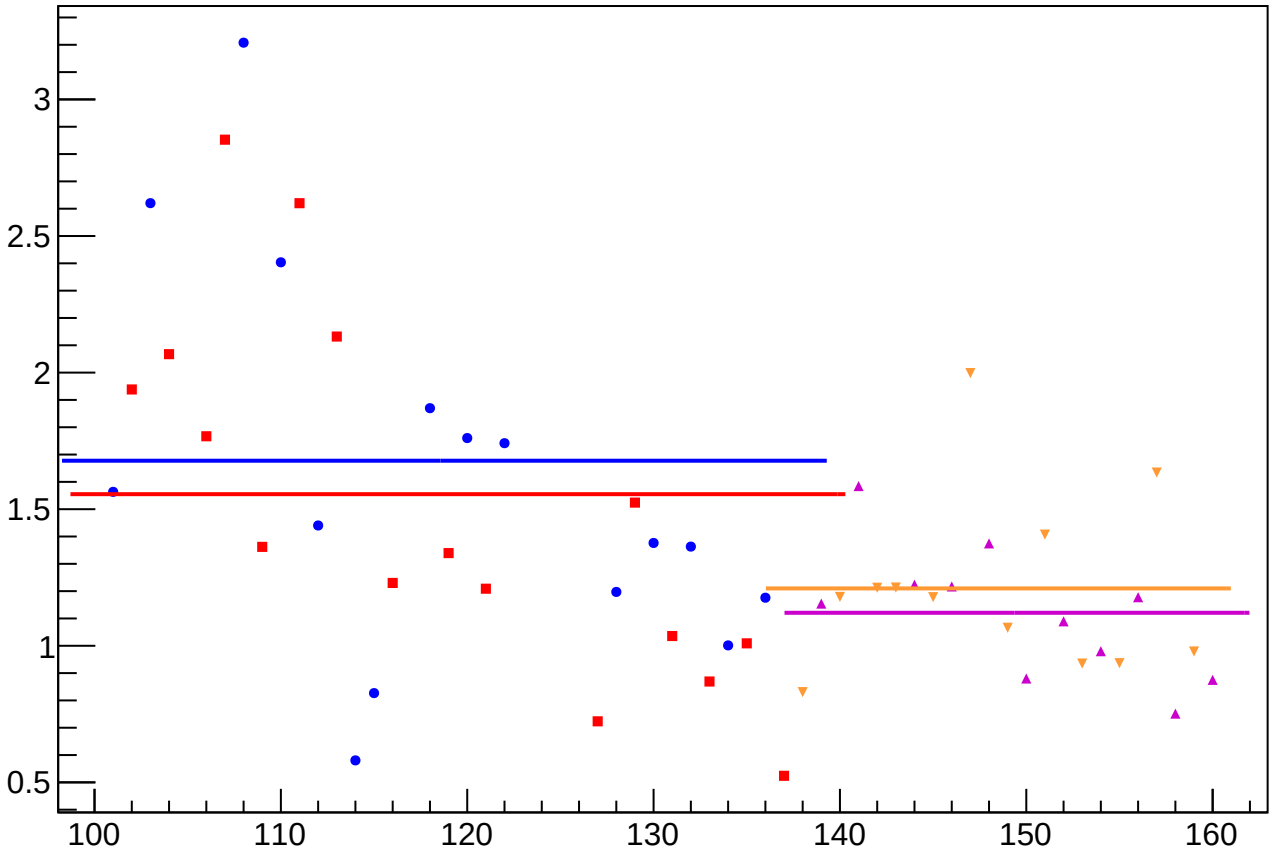
All: 178.219+/-0.000 χ^2/NDF: 43935498747

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 179.974+/-0.000 χ^2/NDF: 211560304537061

Left In: 173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.404+/-0.000 χ^2/NDF: 4203163615319246 3

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

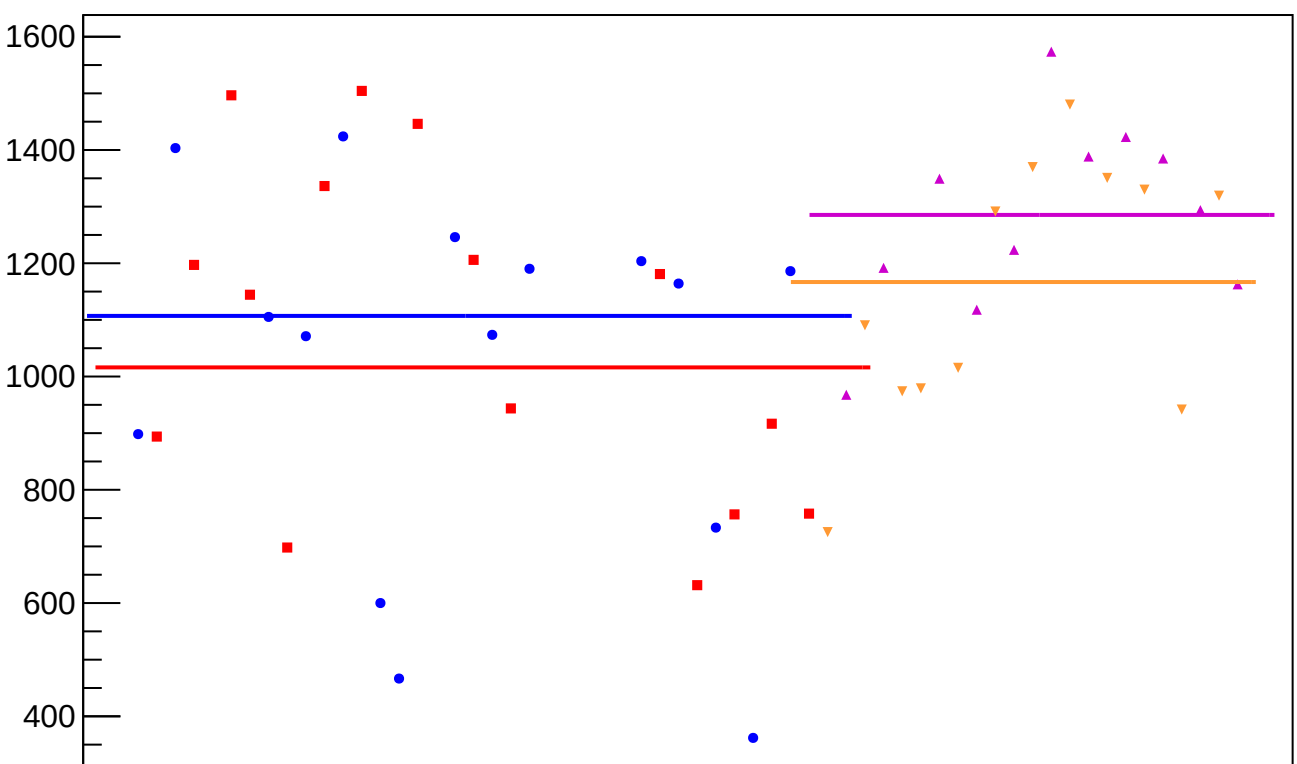
All: 1.353+/-0.000 χ^2/NDF: 8054448524380 2

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.303+/-0.000 χ^2/NDF: 3770443813103152 4

Left In: 1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

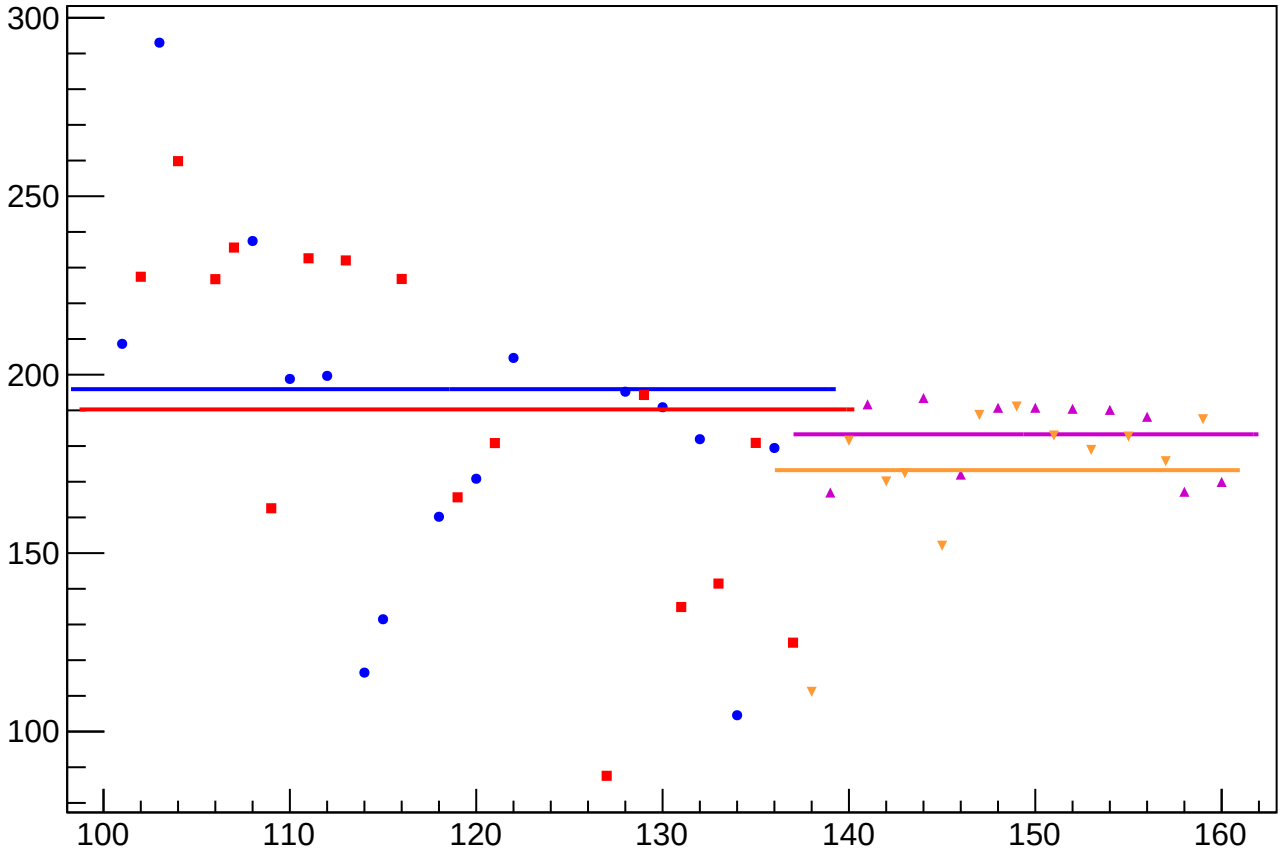
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF:4211897430223129567796212229545656 32.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

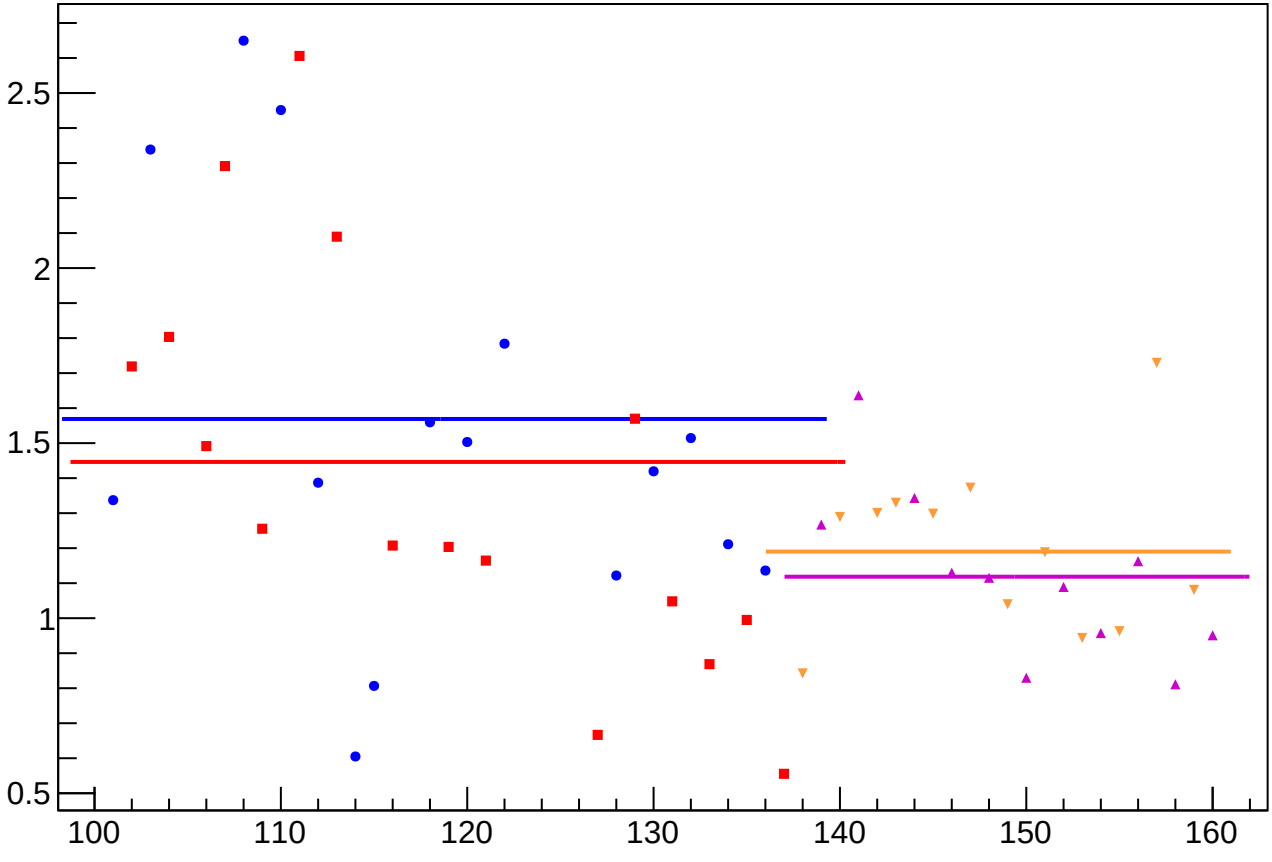
Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ sign 182.669+/-0.000 χ^2/NDF: 16745674206207 5

All: 184.458+/-0.000 χ^2/NDF: 32735567790 4

- sign 186.216+/-0.000 χ^2/NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.190+/-0.000 χ^2/NDF:5074582293603221733614481414553 6.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

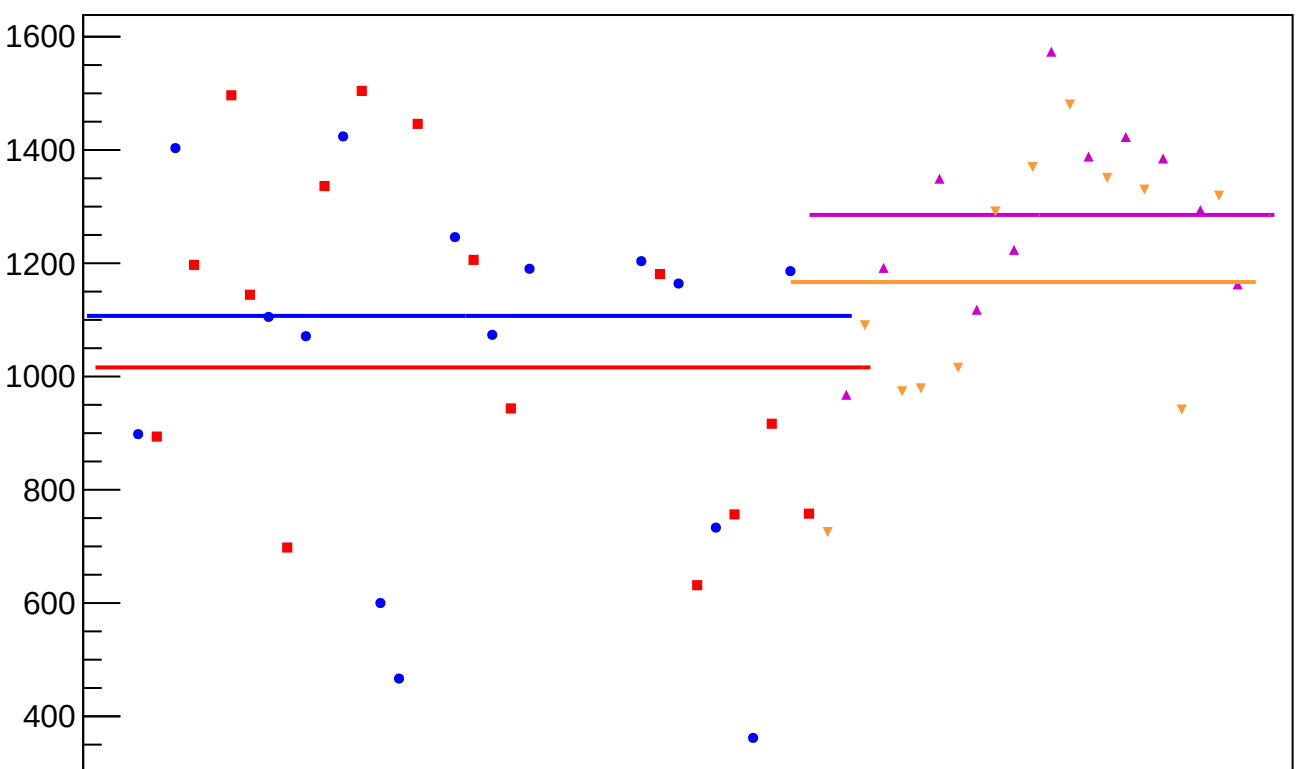
Left In: 1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

+ sign 1.347+/-0.000 χ^2/NDF: 2680564508595917 5

All: 1.301+/-0.000 χ^2/NDF: 5615758872199 8

- sign 1.256+/-0.000 χ^2/NDF: 2869099255914574 3

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

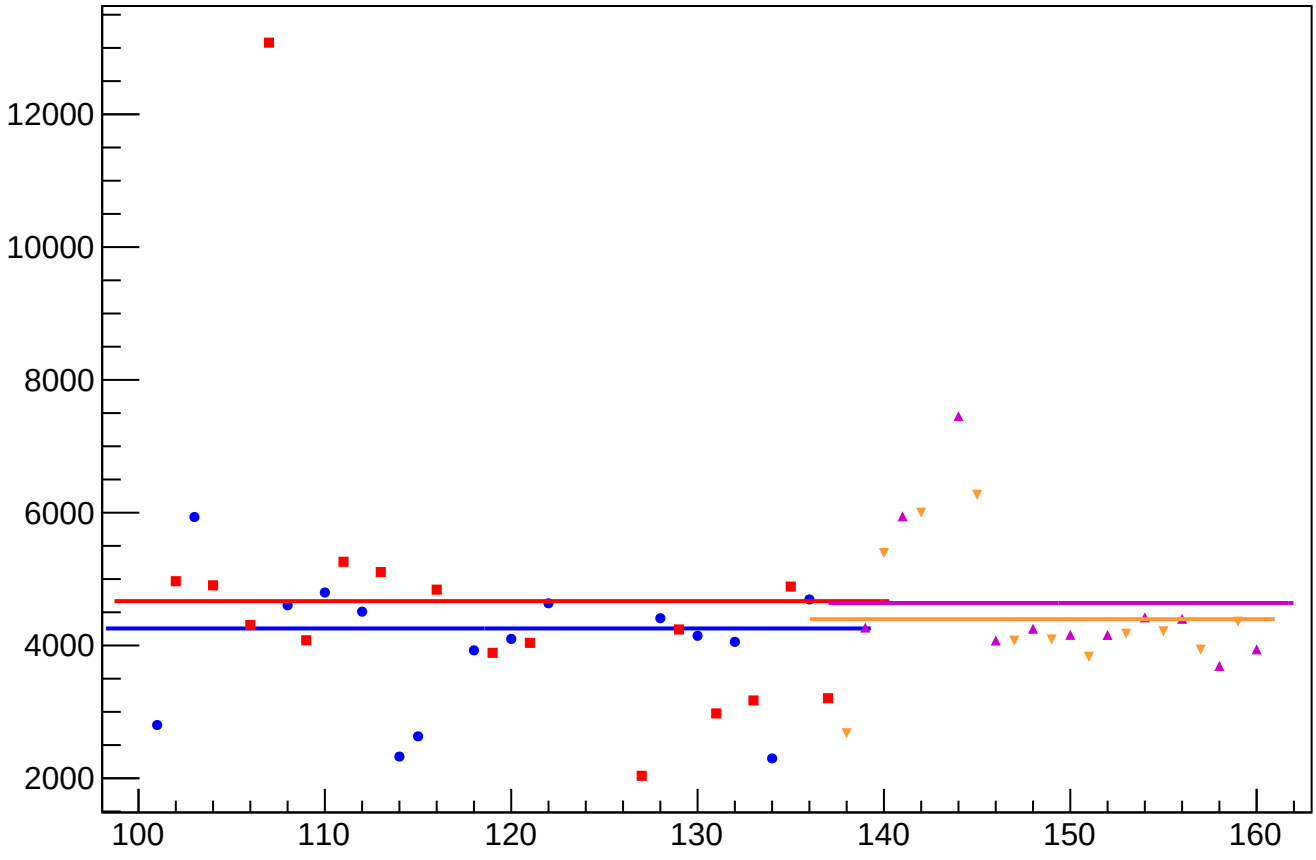
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

+ sign 4335.661+/-0.000 χ^2/NDF: 1273495465485 7

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

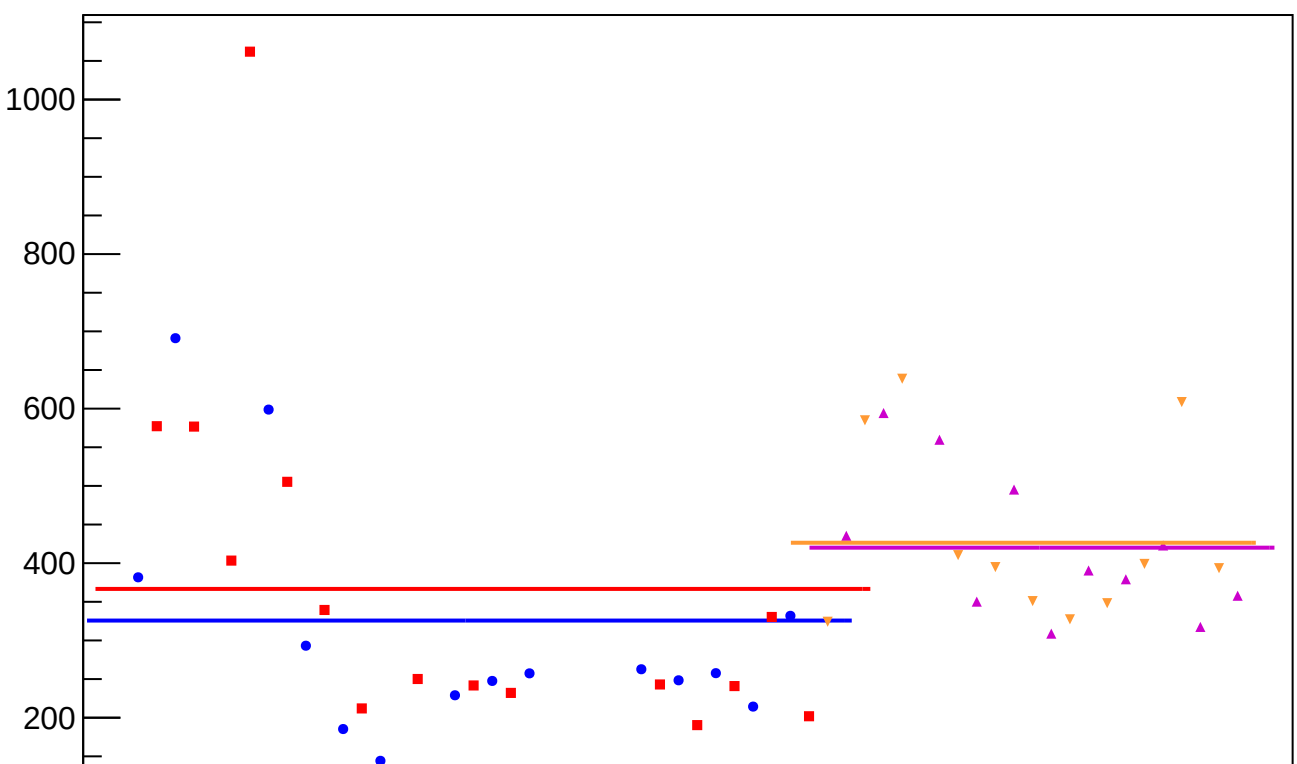
All: 4498.481+/-0.000 χ^2/NDF: 5611121427 8

Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

- sign 4651.578+/-0.000 χ^2/NDF: 4260675233621 6

Left Out: 4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 382.754+/-0.000 χ^2/NDF: 279252260301187

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

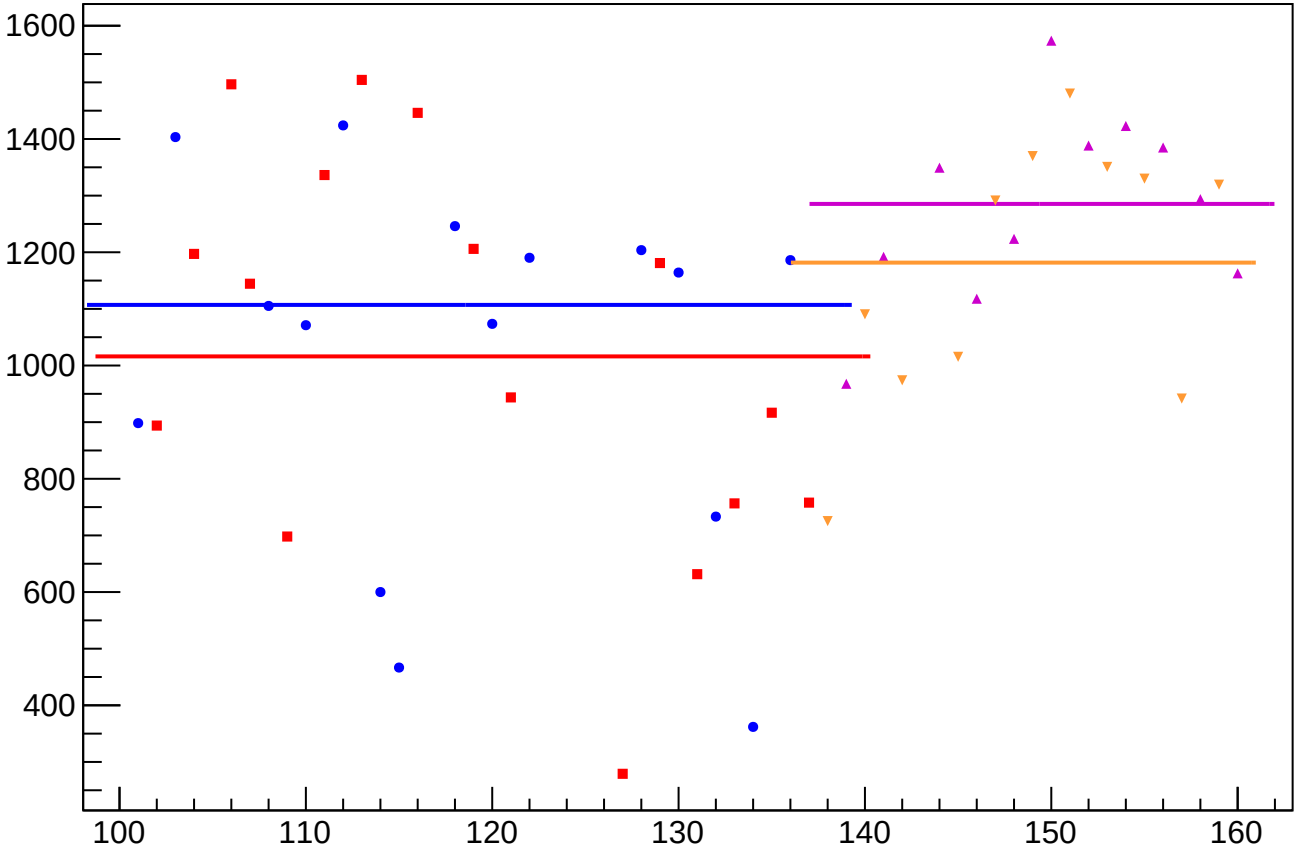
All: 390.448+/-0.000 χ^2/NDF: 69004632674

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 397.684+/-0.000 χ^2/NDF: 409075450012092

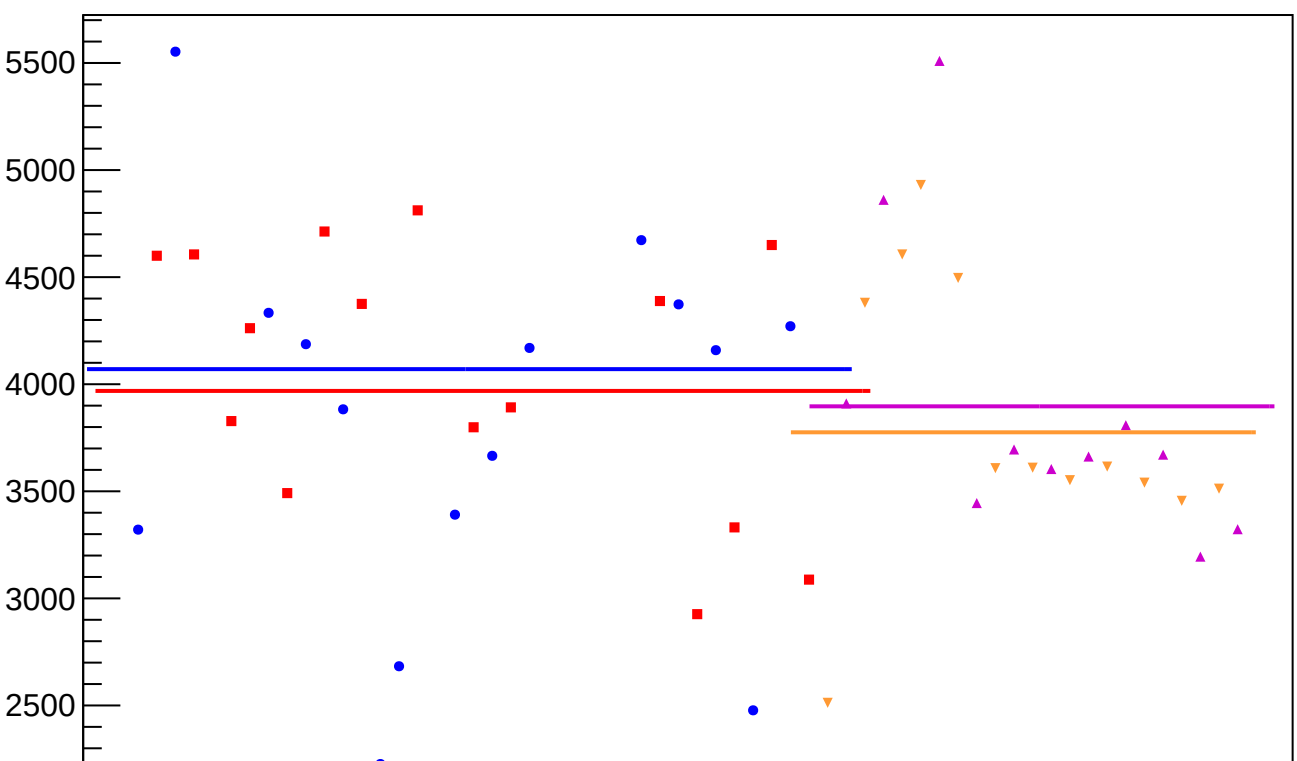
Left In: 420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1149.328+/-0.000 χ^2/NDF: 8478540903172 0
Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10
All: 1161.261+/-0.000 χ^2/NDF: 2098532030 9
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720903 68.0/11

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

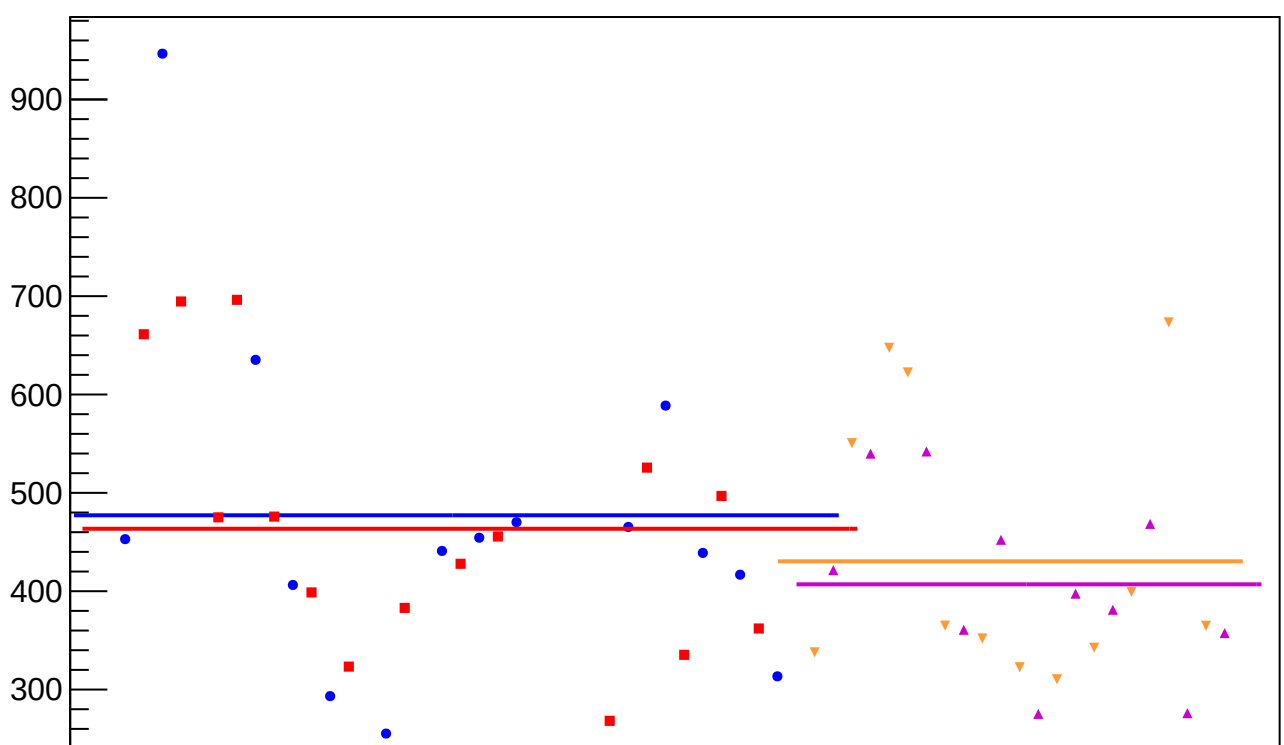
Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

+ sign 3897.950+/-0.000 χ^2/NDF: 7209154986710 8

All: 3912.568+/-0.000 χ^2/NDF: 1496070330 2

- sign 3926.928+/-0.000 χ^2/NDF: 7744927899095 2

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

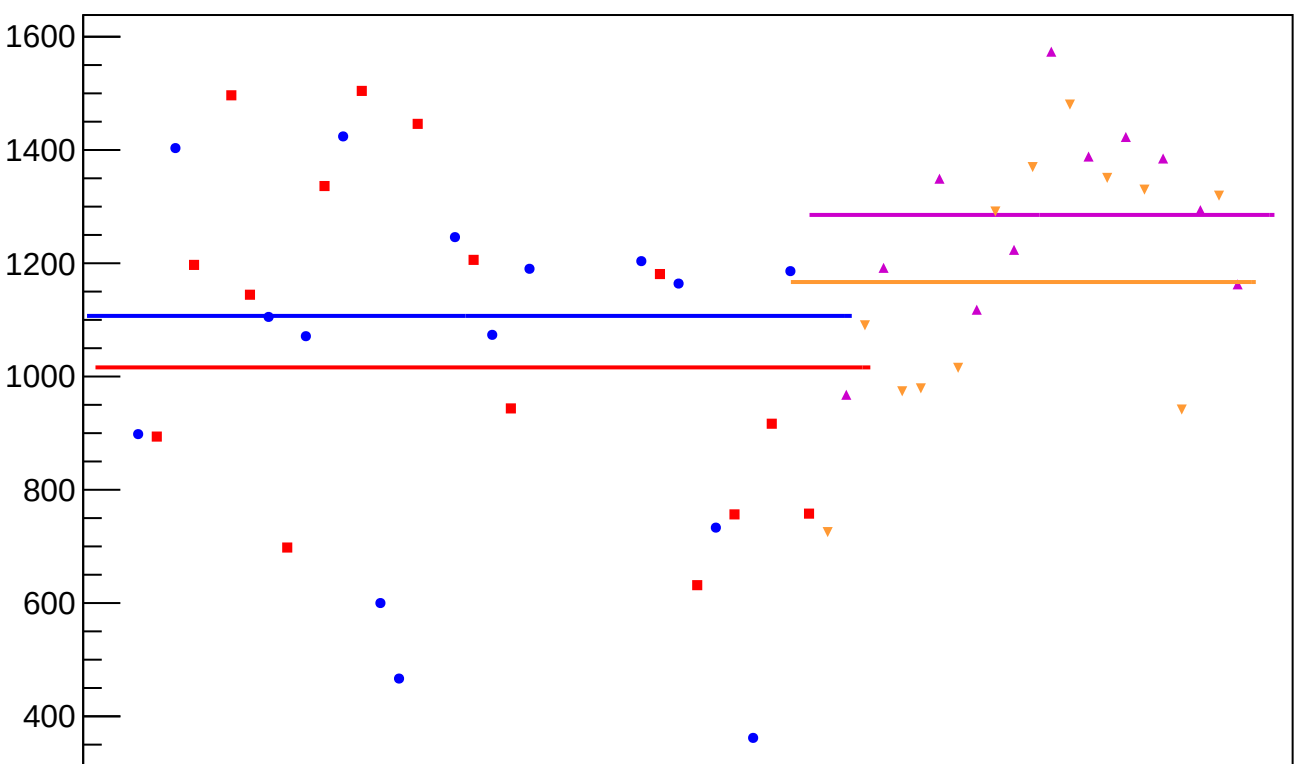
Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF: 36411863935895 3

All: 440.167+/-0.000 χ^2/NDF: 5750904412 02

- sign 430.686+/-0.000 χ^2/NDF: 20808578063508 0

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

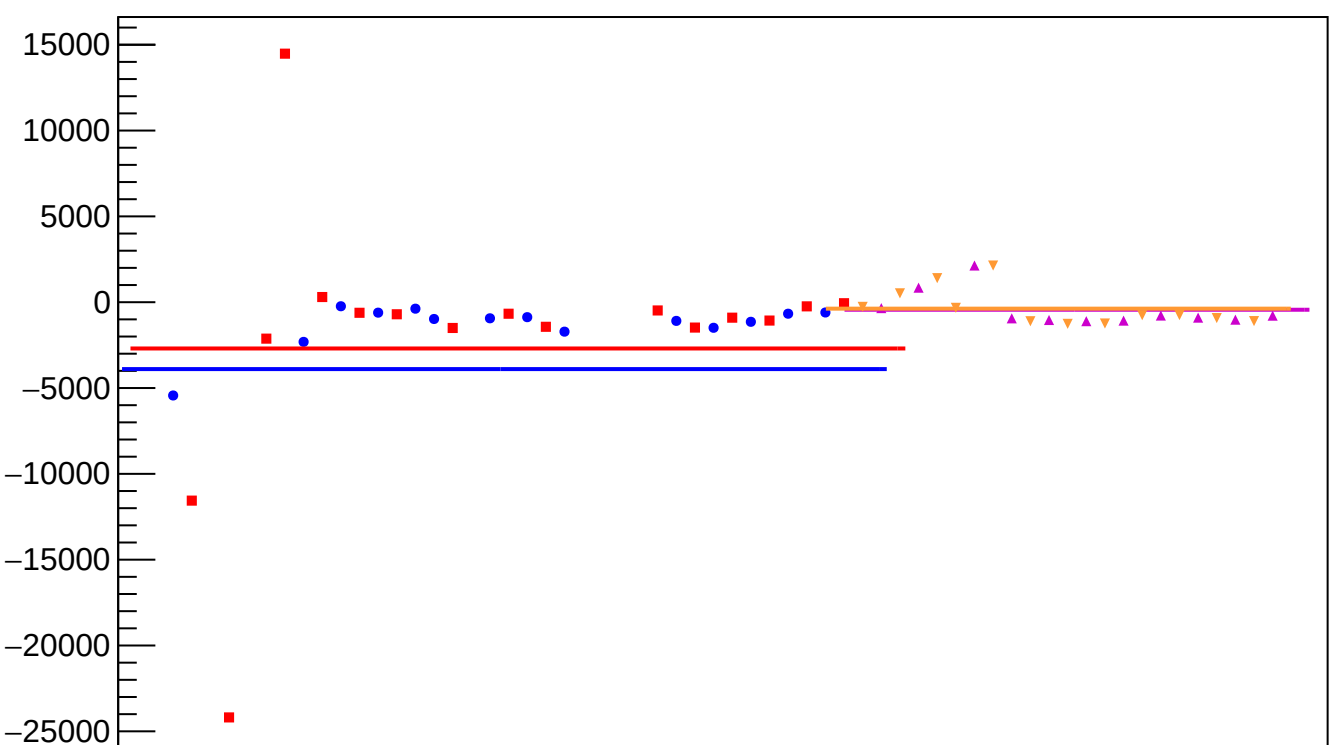
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

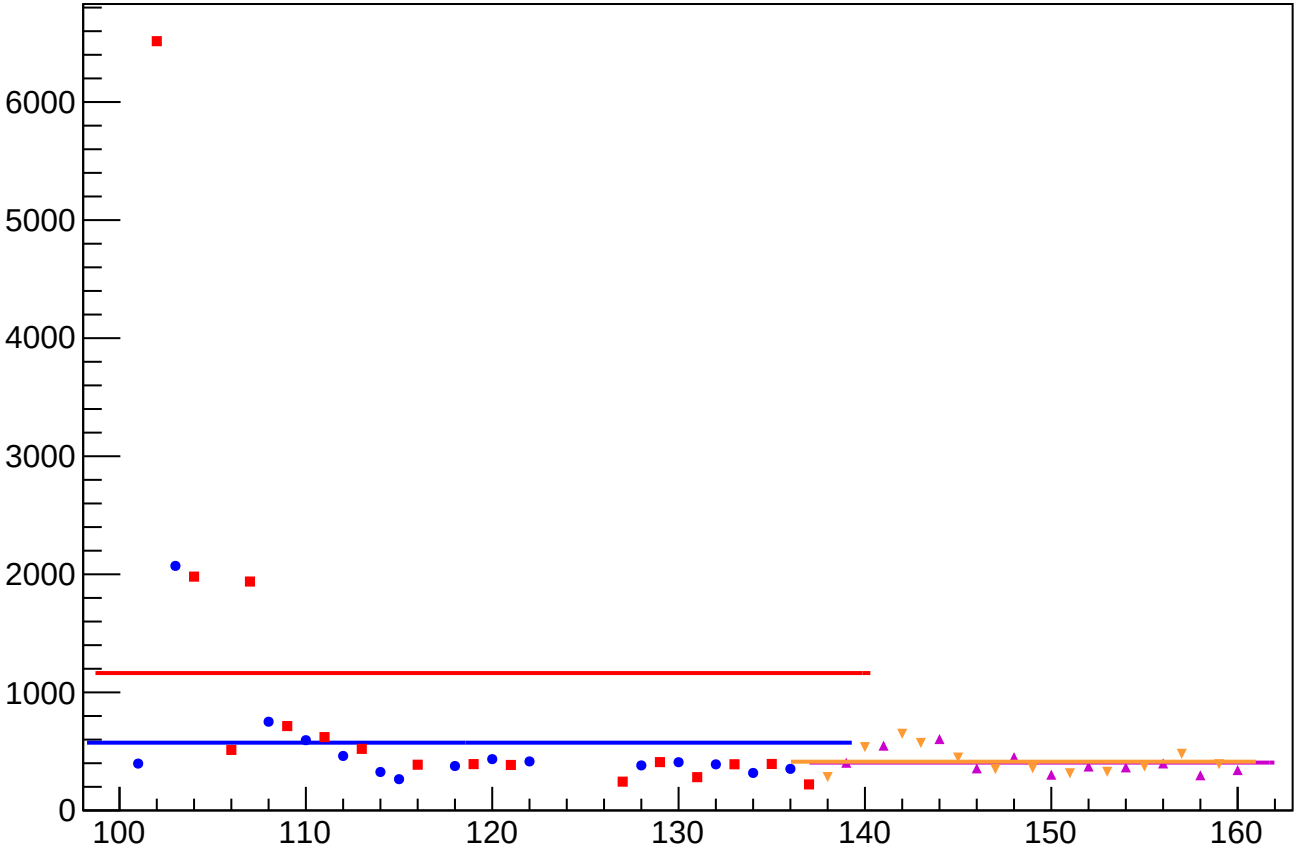
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1837.483+/-0.000 χ^2/NDF: 4528252222957
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
All: -1609.422+/-0.000 χ^2/NDF: 8915994509
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1385.374+/-0.000 χ^2/NDF: 4371626422274
Left In: -439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

+ sign 479.885+/-0.000 χ^2/NDF: 171327208770113

Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877440 0.0/11

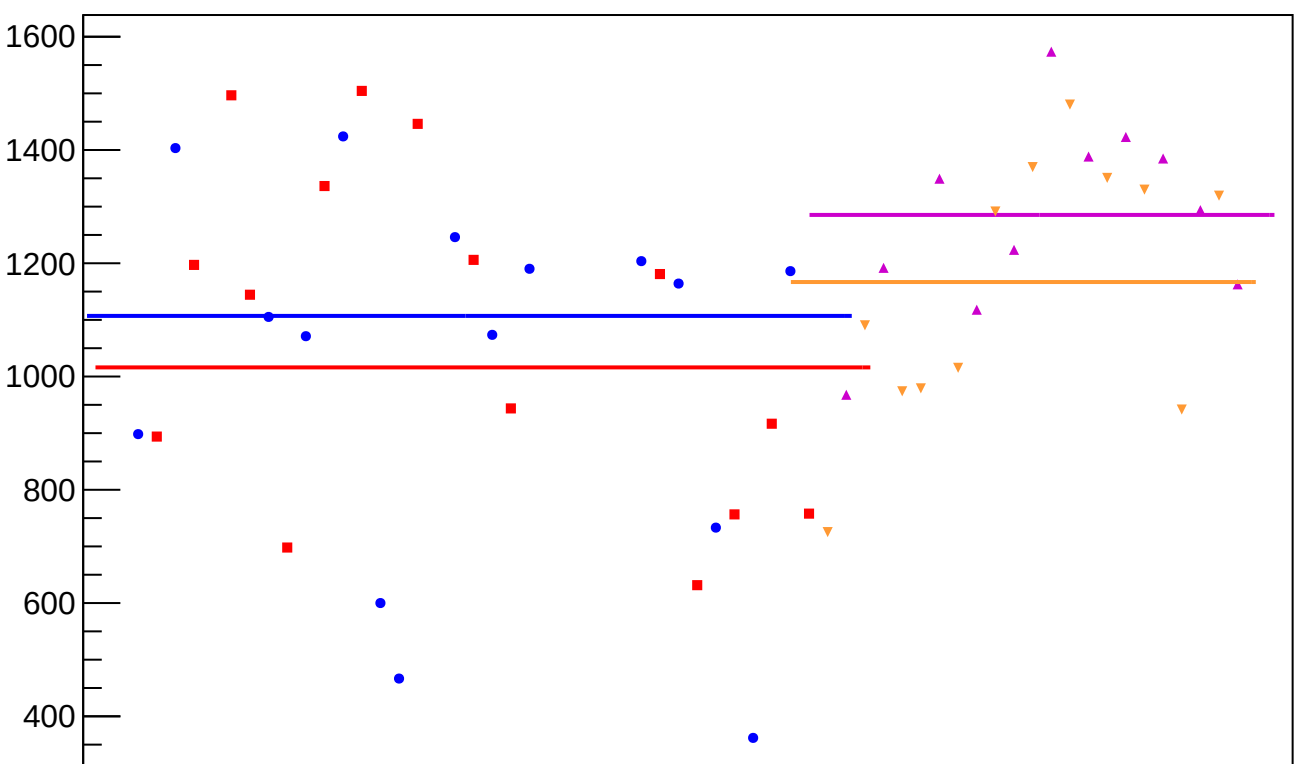
All: 602.666+/-0.000 χ^2/NDF: 24520895778 5

Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15

- sign 723.286+/-0.000 χ^2/NDF: 223405186584258

Left In: 405.371+/-0.000 χ^2/NDF:809637404511790653534348357749492940 8.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

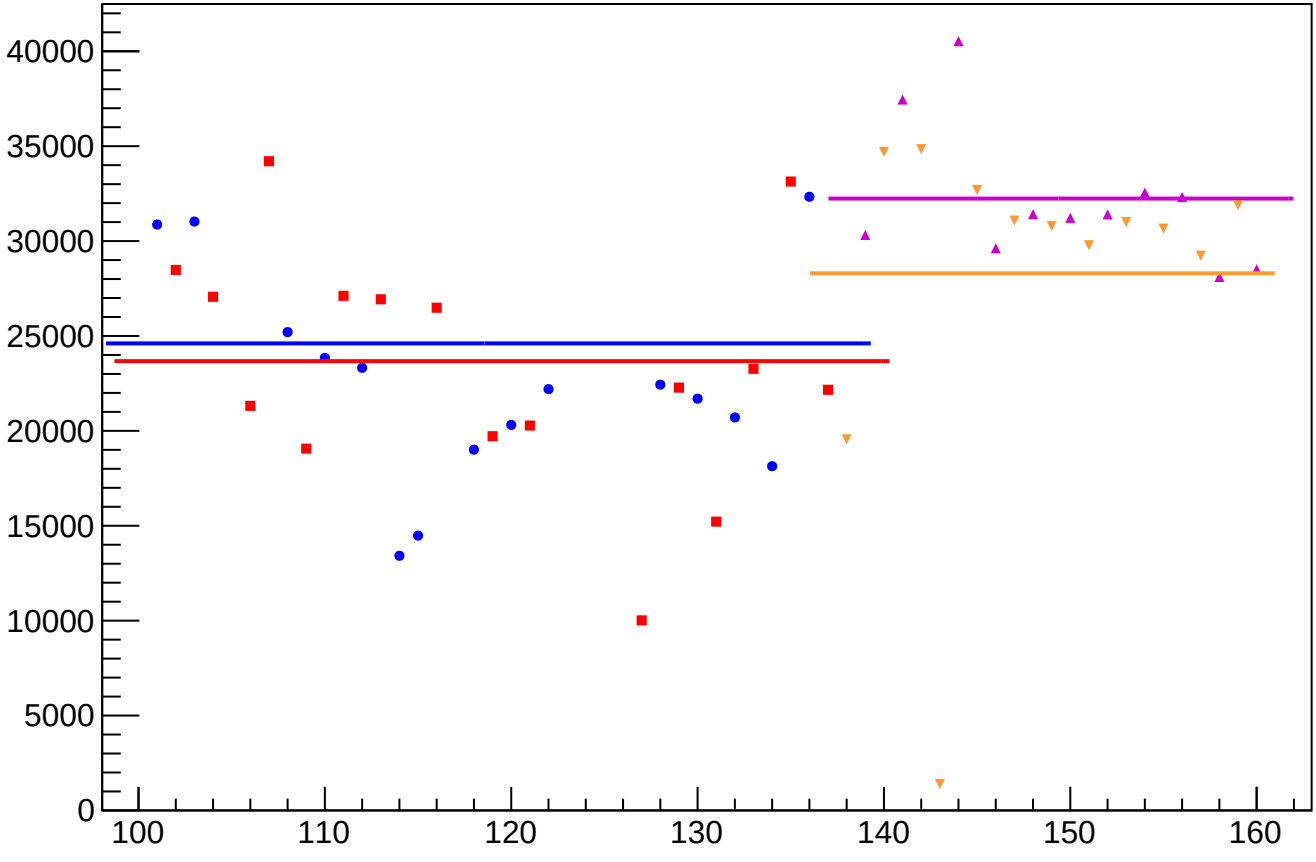
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 28302.359+/-0.000 χ^2/NDF:6474396057652607314785278932682393465651 2.0/11

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

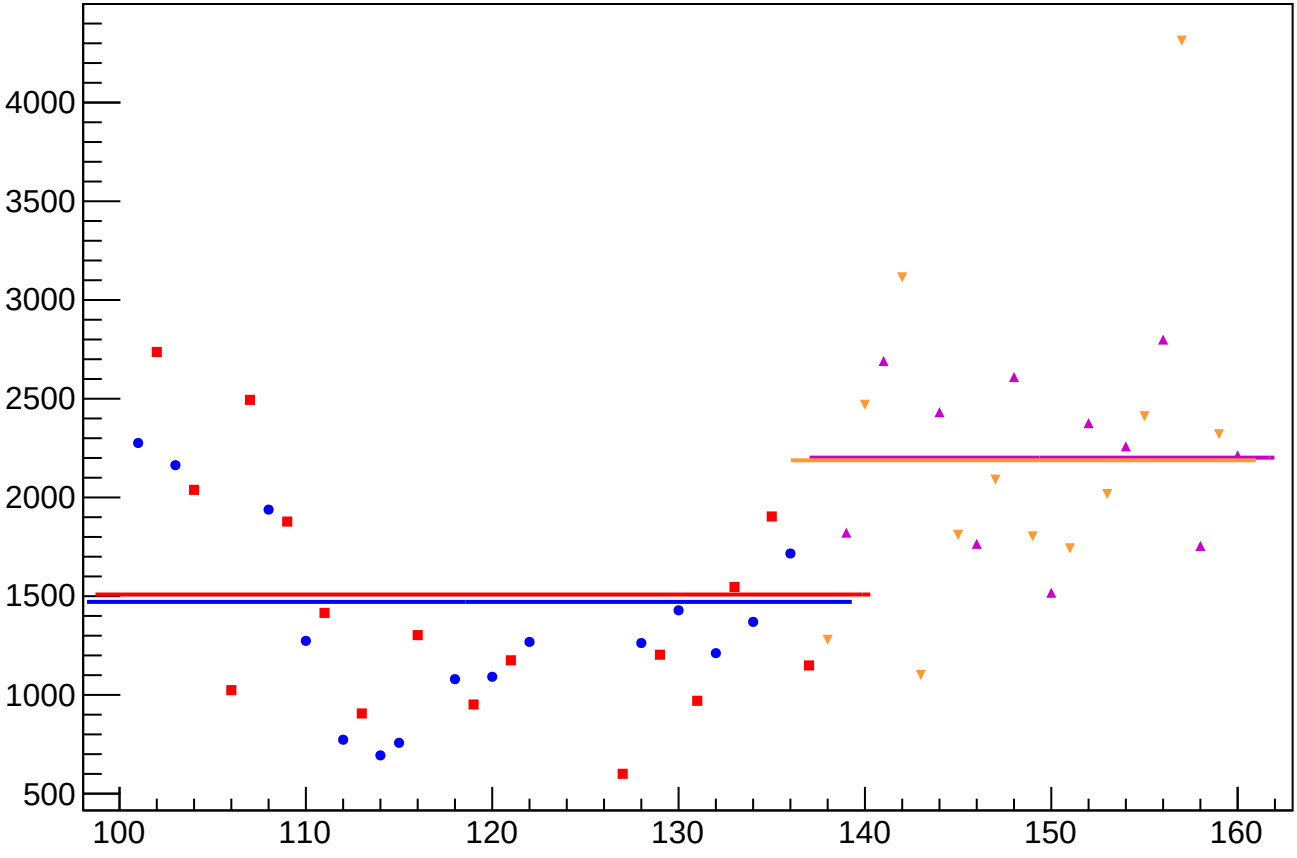
Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

+ sign 26768.677+/-0.000 χ^2/NDF: 8747719496851

All: 27716.891+/-0.000 χ^2/NDF: 1554384105

- sign 28648.418+/-0.000 χ^2/NDF: 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

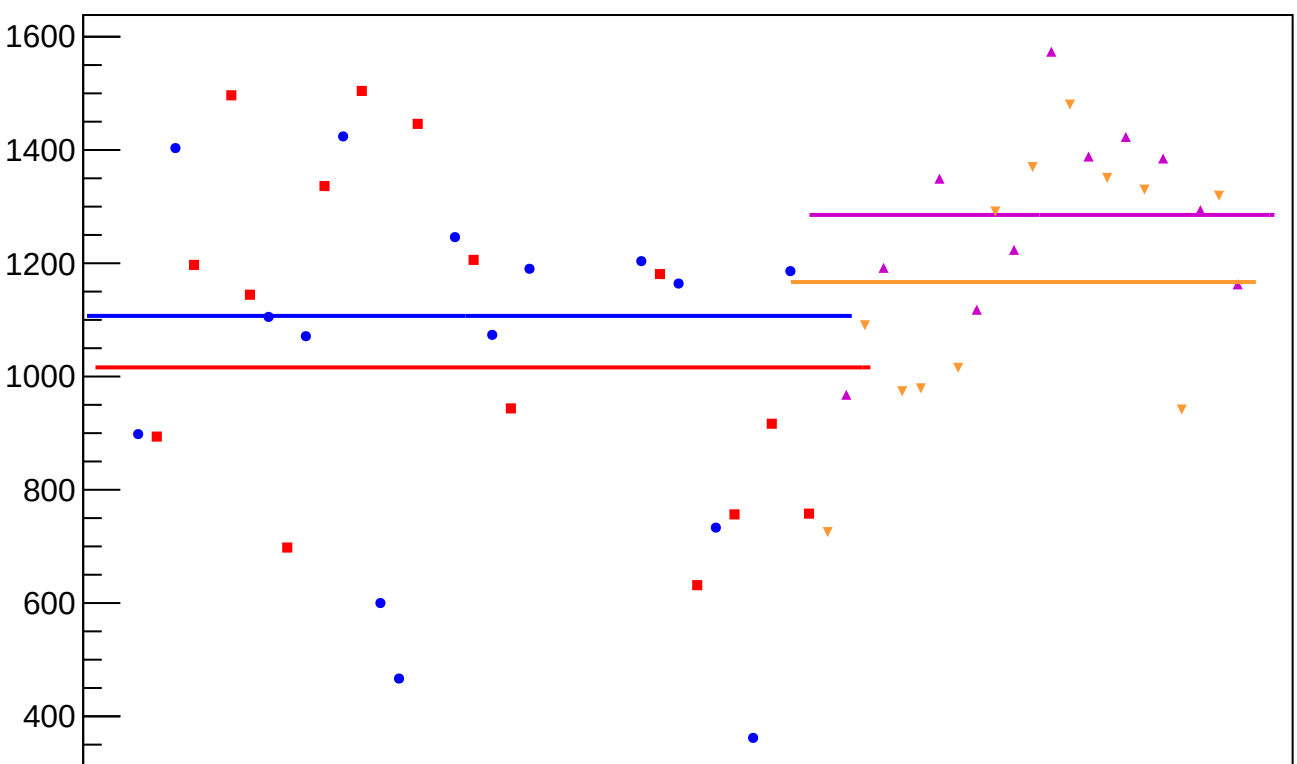
Left In: 2201.571+/-0.000 χ^2/NDF:156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF: 9281589423830 4

All: 1900.786+/-0.000 χ^2/NDF: 1521607045 3

- sign 1910.992+/-0.000 χ^2/NDF: 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

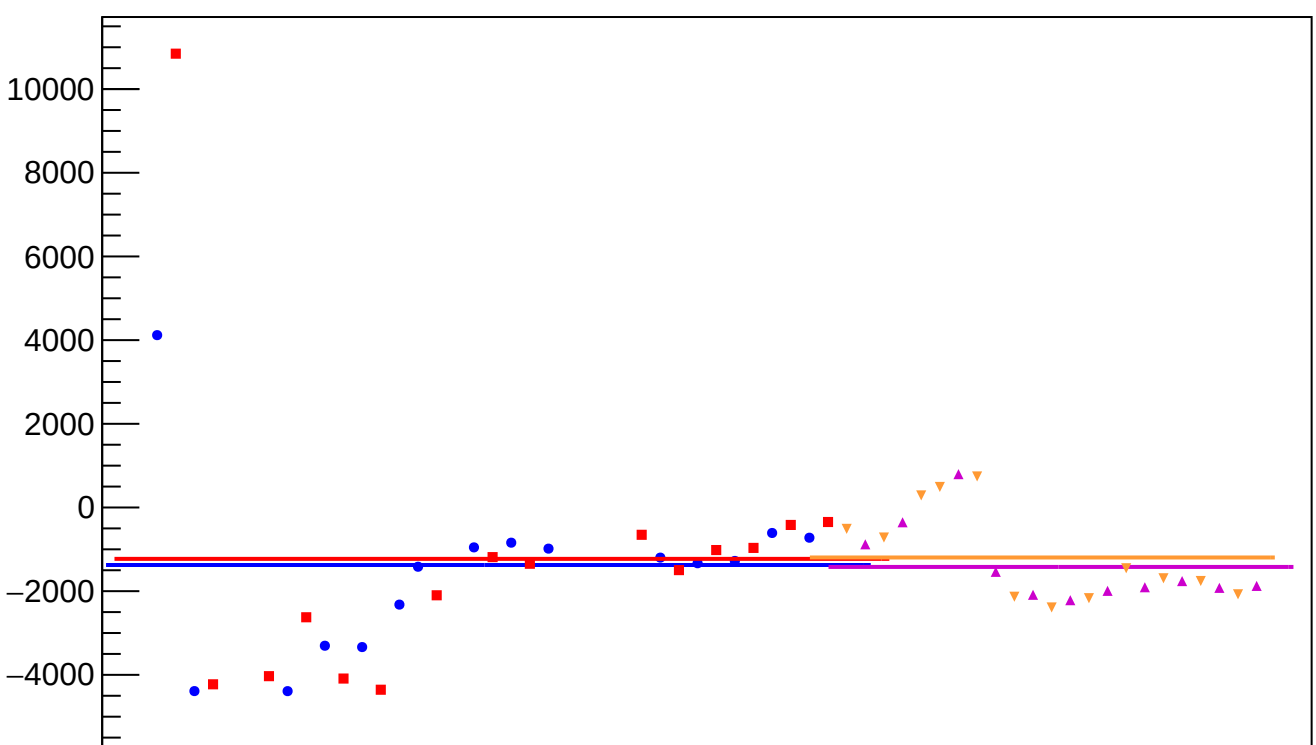
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

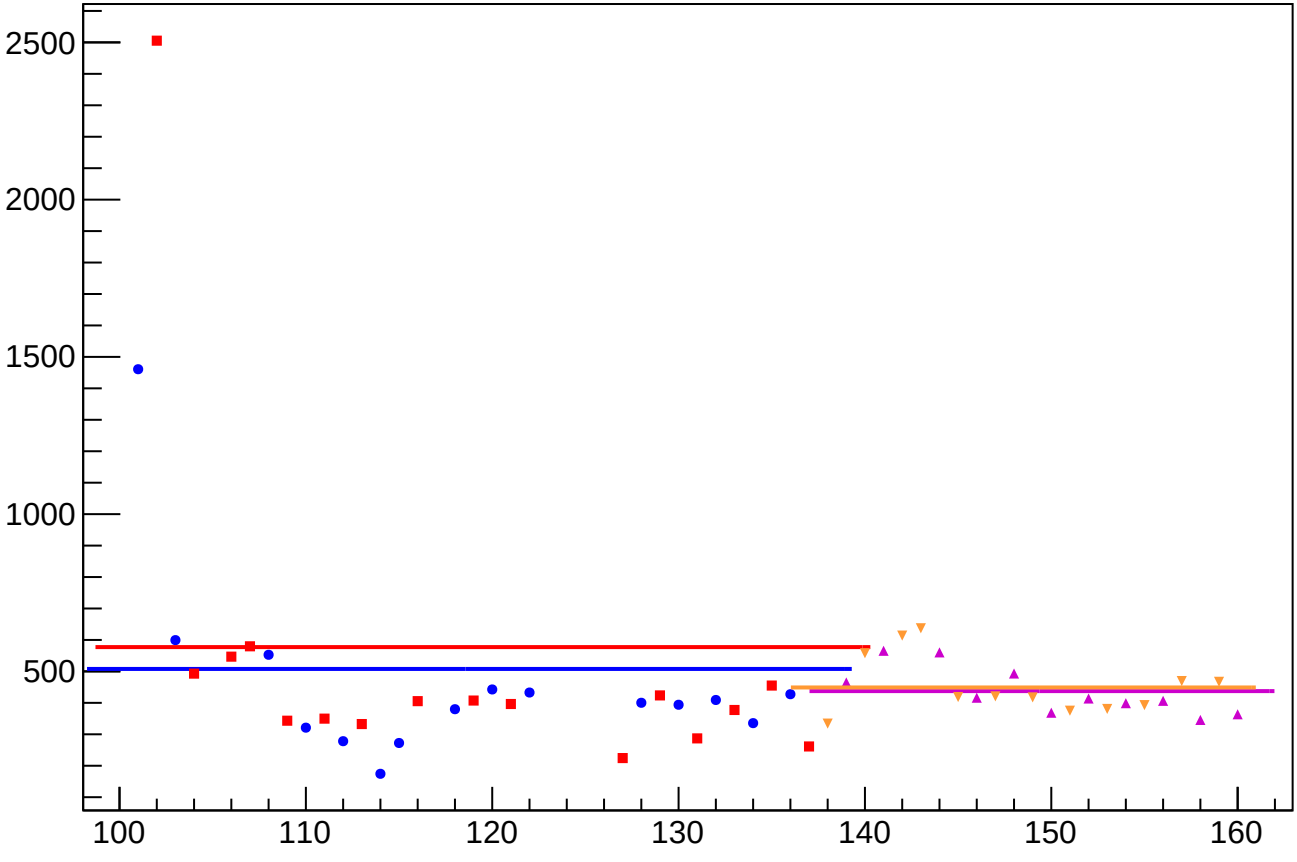
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1269.525+/-0.000 χ^2/NDF: 4097990392534
Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11
All: -1305.037+/-0.000 χ^2/NDF: 1597961645
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1339.925+/-0.000 χ^2/NDF: 1187771840458 3
Left In: -1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 448.905+/-0.000 χ^2/NDF:69724449690417259297441114941481287 68.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

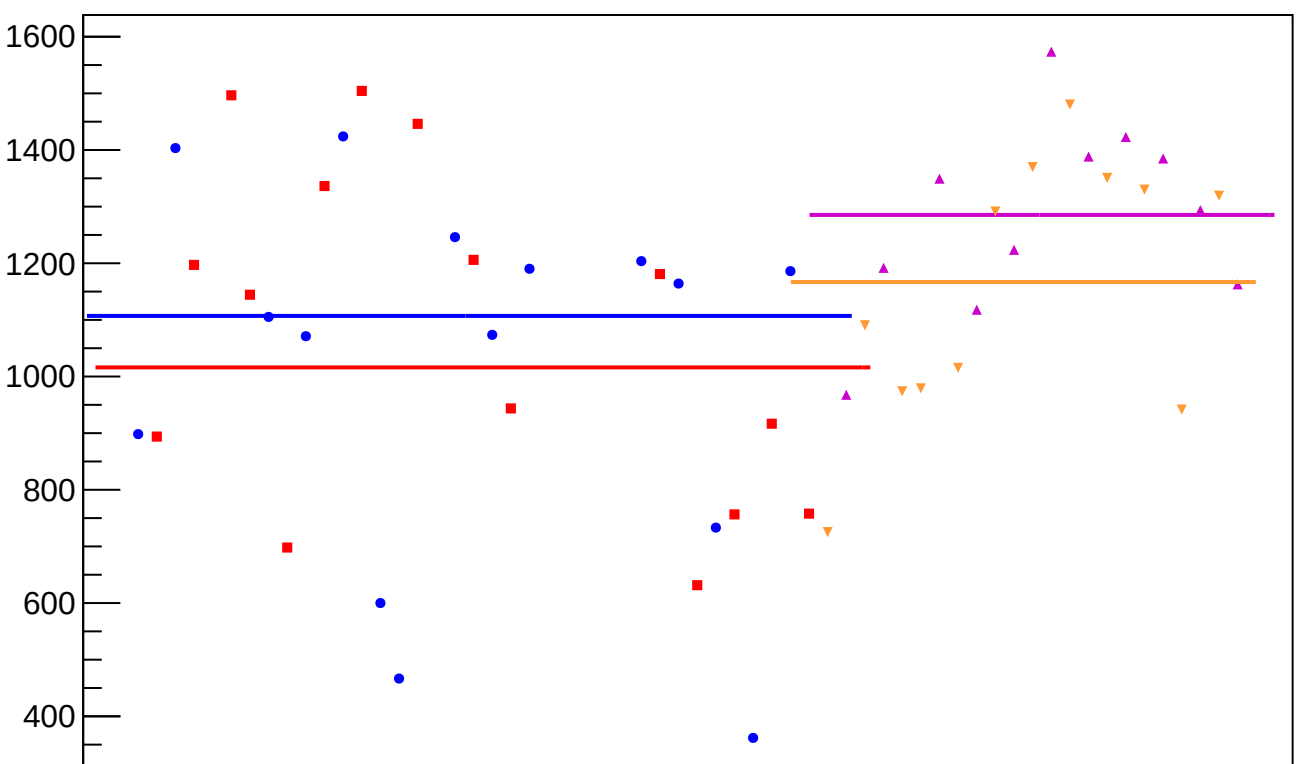
Left In: 437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

+ sign 473.363+/-0.000 χ^2/NDF: 724292062329366

All: 484.772+/-0.000 χ^2/NDF: 32658142352 7

- sign 495.981+/-0.000 χ^2/NDF: 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

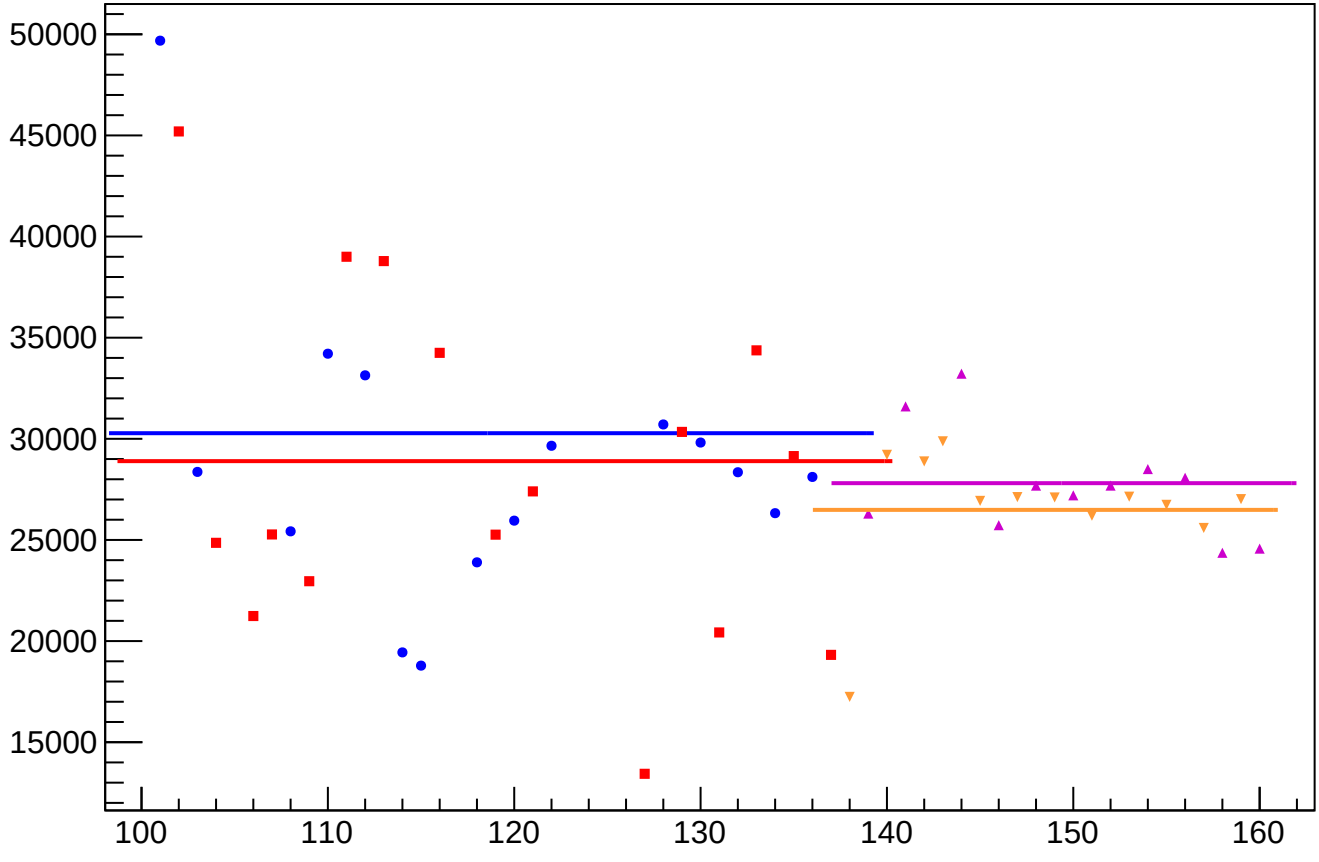
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

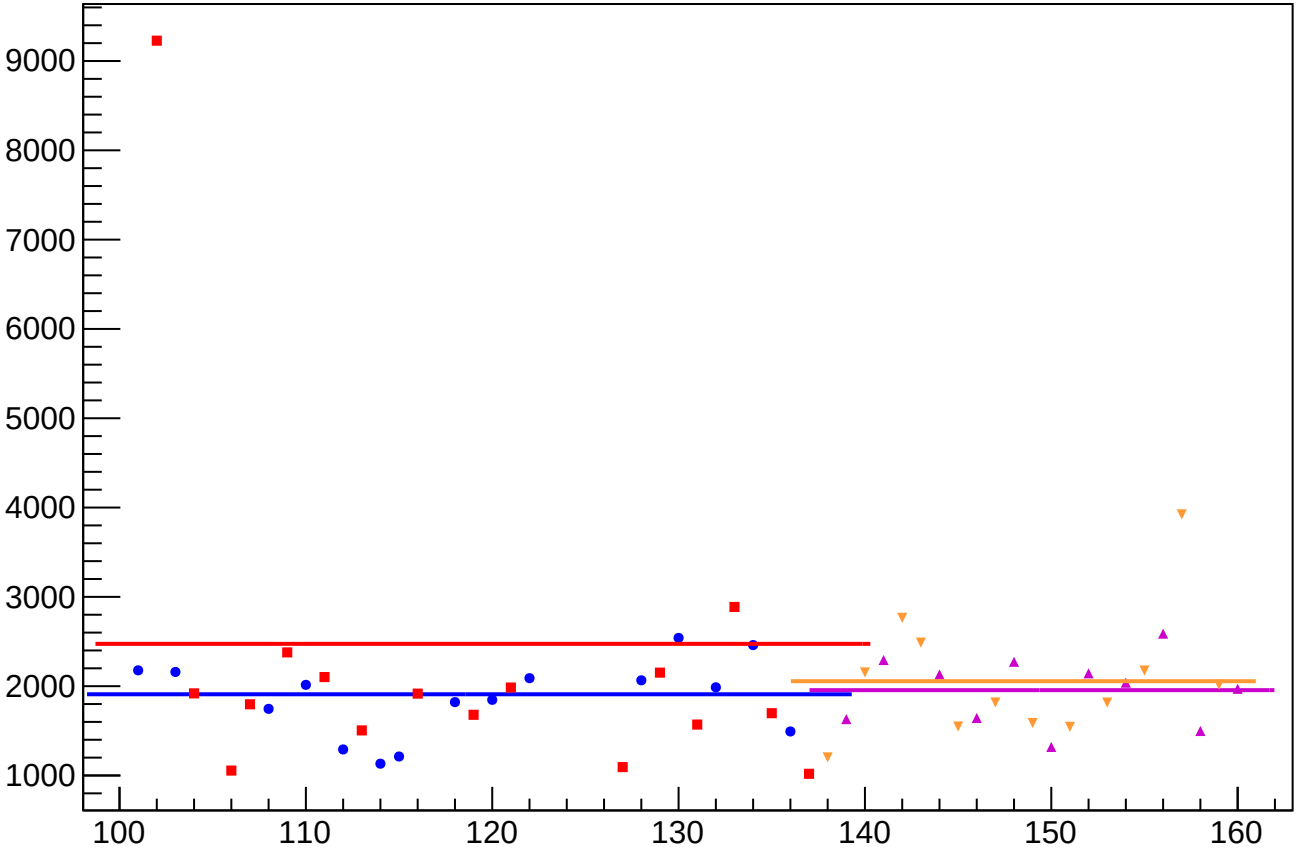
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr2_coil4_mean vs Slug



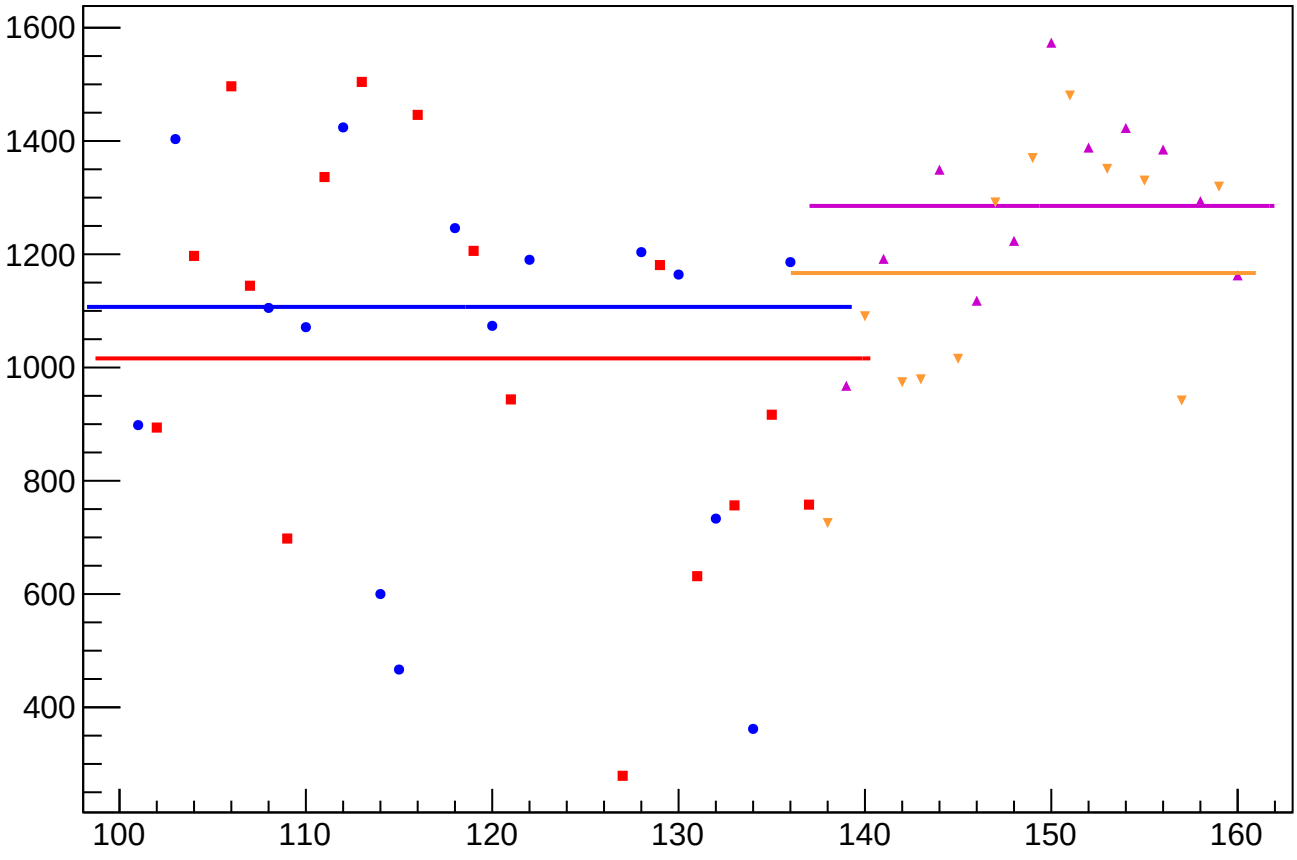
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28060.820+/-0.000 χ^2/NDF: 4495105358177
Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11
All: 28163.219+/-0.000 χ^2/NDF: 986055664 7
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
- sign 28263.816+/-0.000 χ^2/NDF: 5362202344062
Left In: 27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1995.018+/-0.000 χ^2/NDF: 5337762569447 3
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
All: 2084.675+/-0.000 χ^2/NDF: 3823708197 3
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2172.754+/-0.000 χ^2/NDF: 32650251724153
Left In: 1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

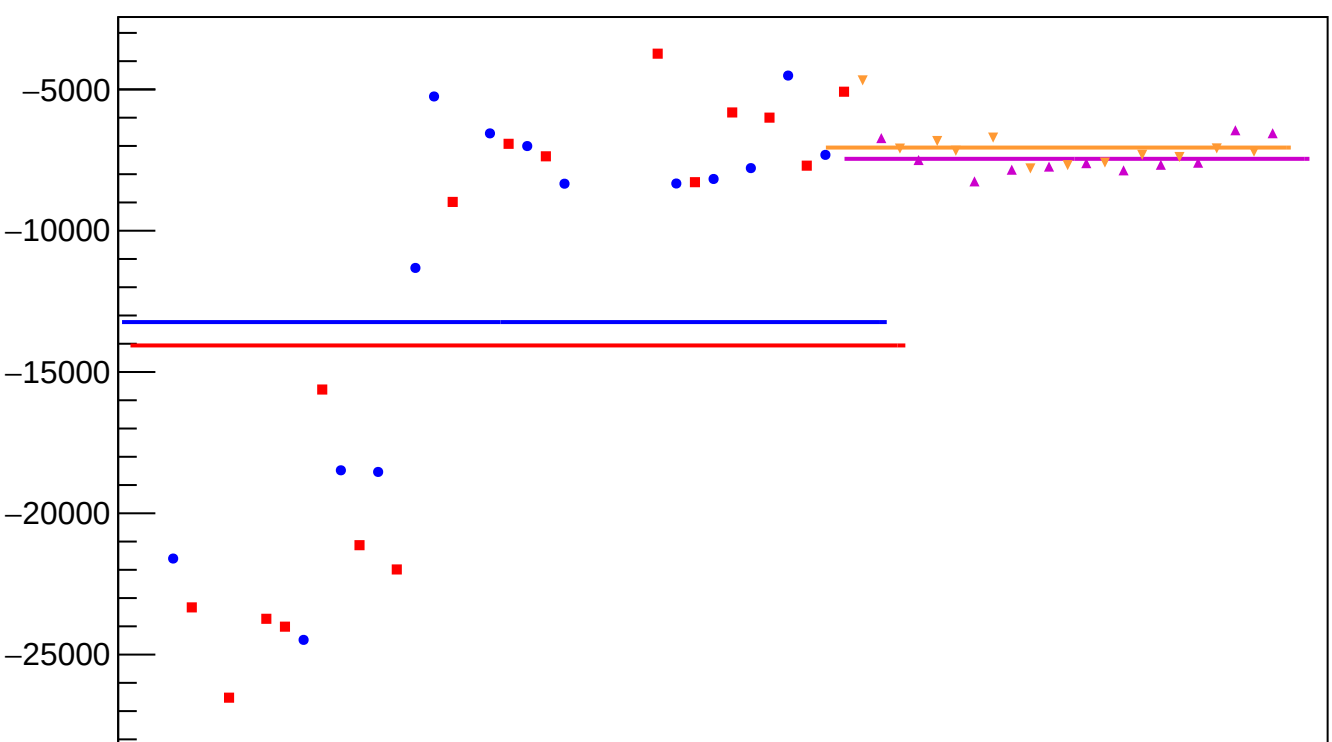
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

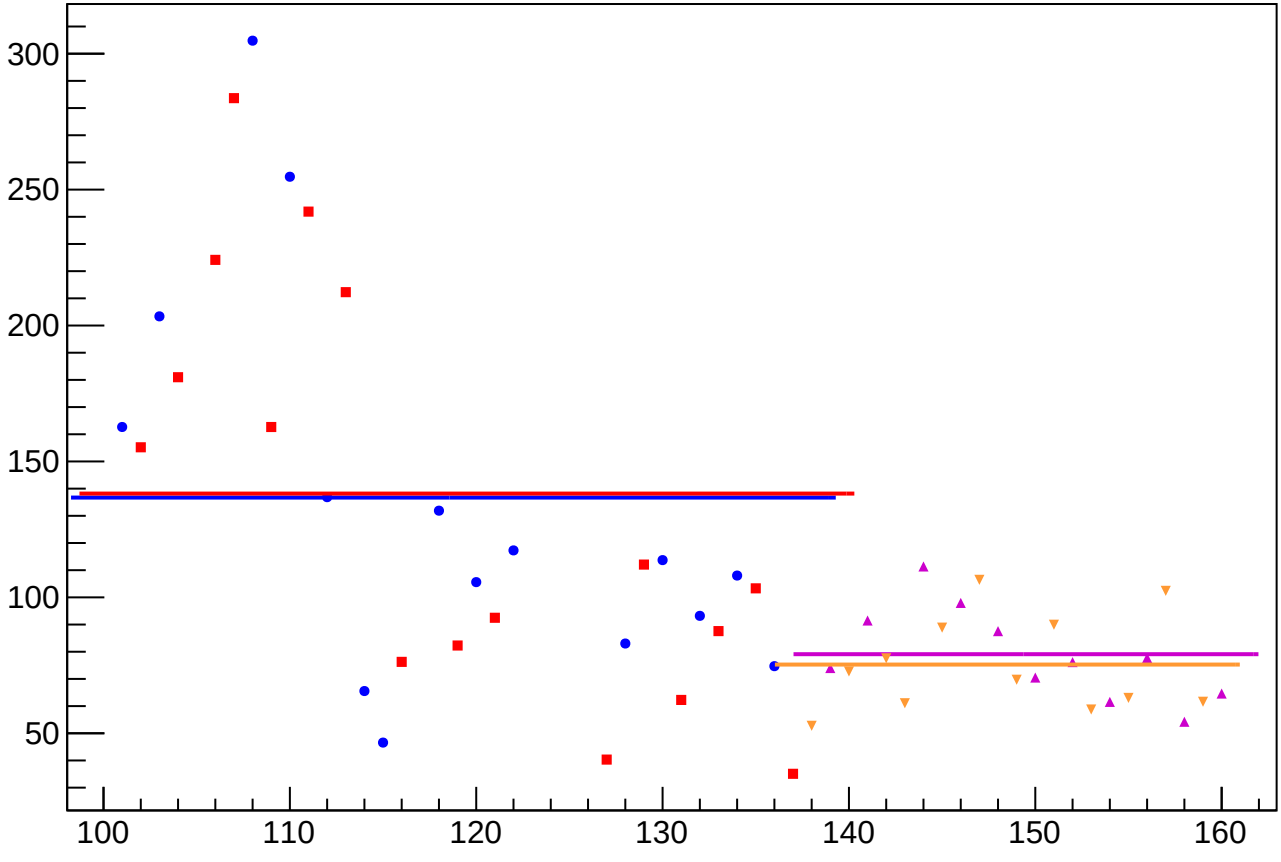
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9621.893+/-0.000 χ^2/NDF: 5629932940229
Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11
All: -9925.988+/-0.000 χ^2/NDF: 1182552632
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10224.731+/-0.000 χ^2/NDF: 6166940420799
Left In: -7456.124+/-0.000 χ^2/NDF:2845543245897785588421294473169233510 40.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 100.788+/-0.000 χ^2/NDF: 439084065337808

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

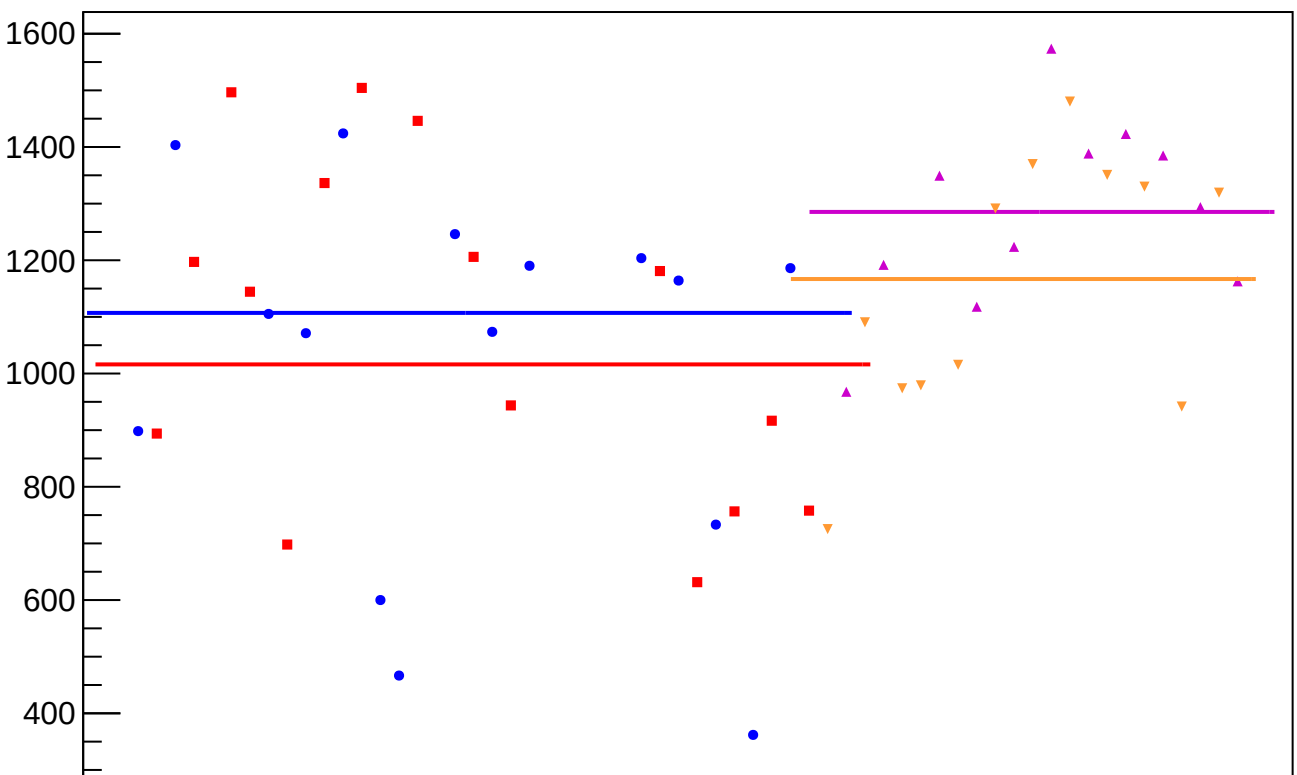
All: 102.340+/-0.000 χ^2/NDF: 92254045368 5

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 103.866+/-0.000 χ^2/NDF: 482709269231347

Left In: 79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

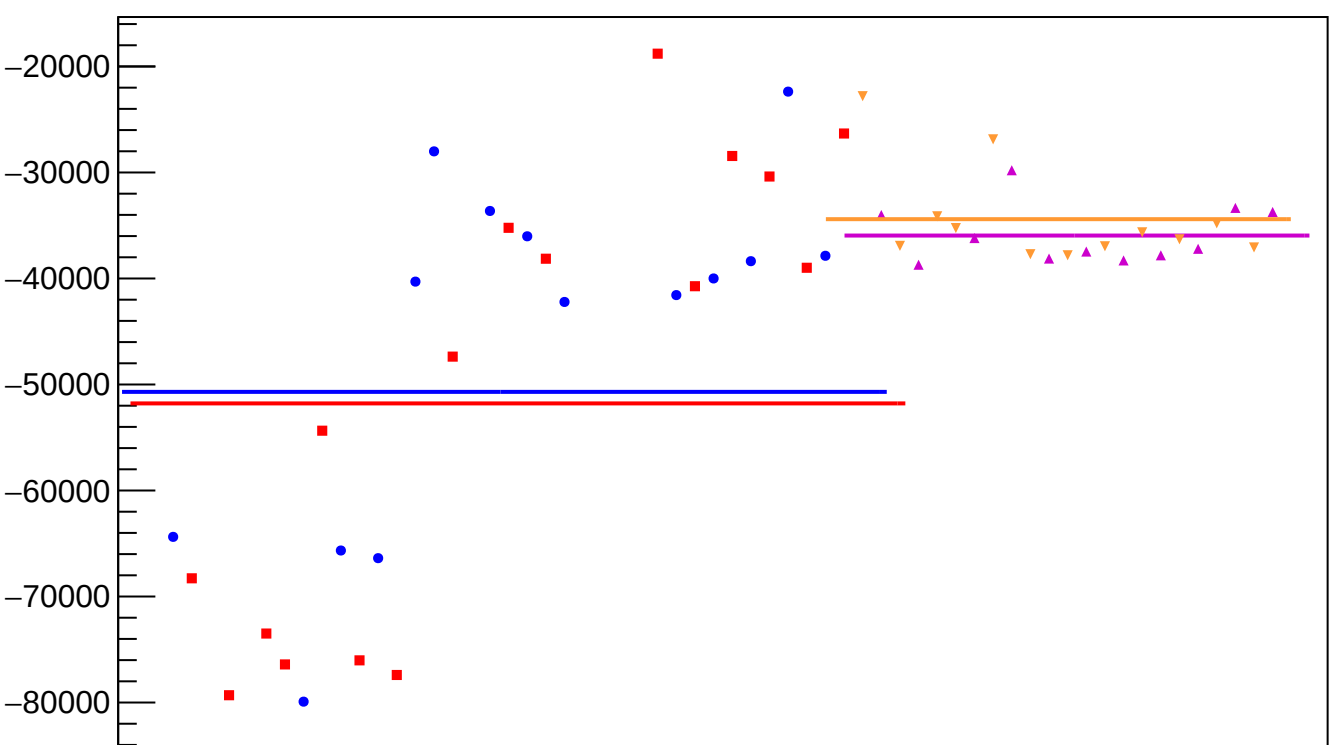
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

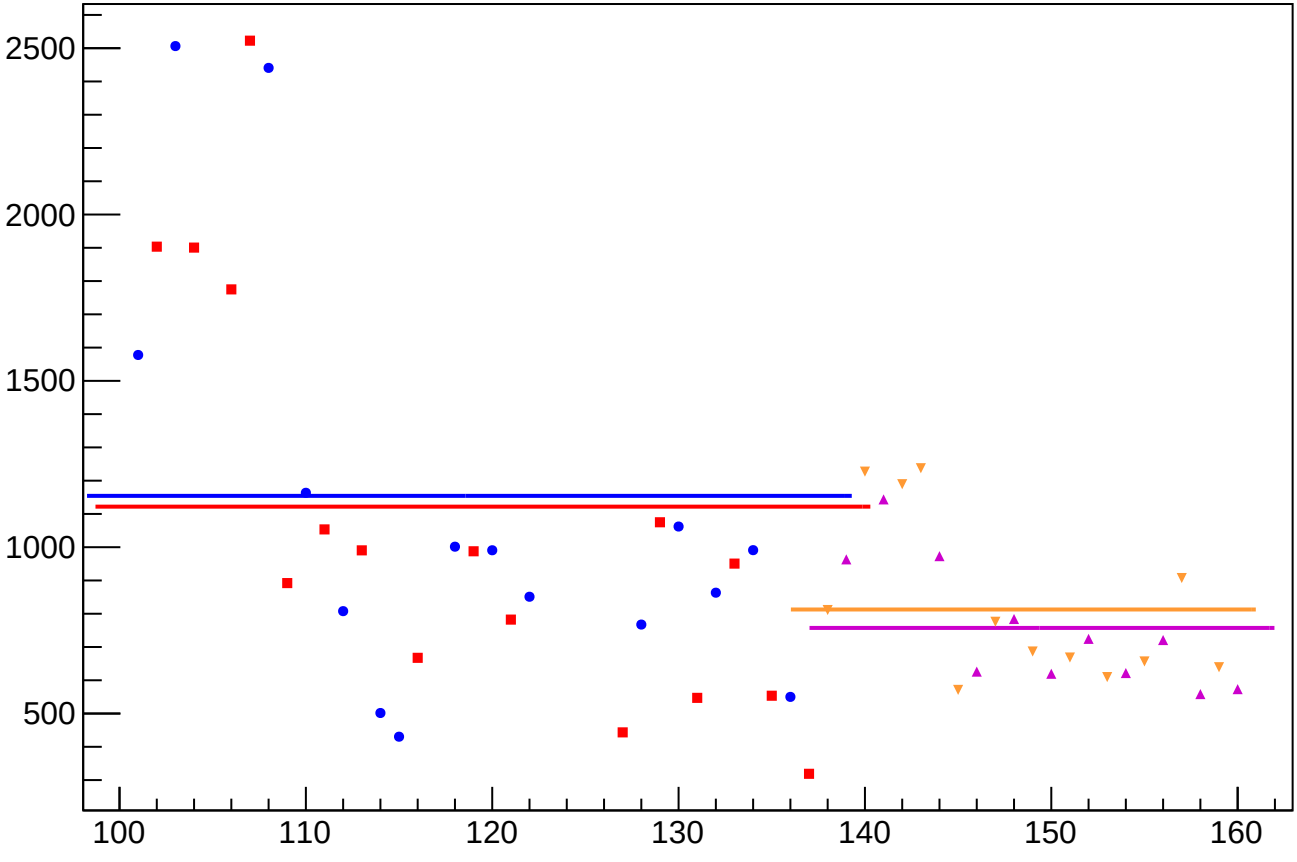
Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

+ sign -41169.025+/-0.000 χ^2/NDF: 346153436808

All: -41884.763+/-0.000 χ^2/NDF: 733189271

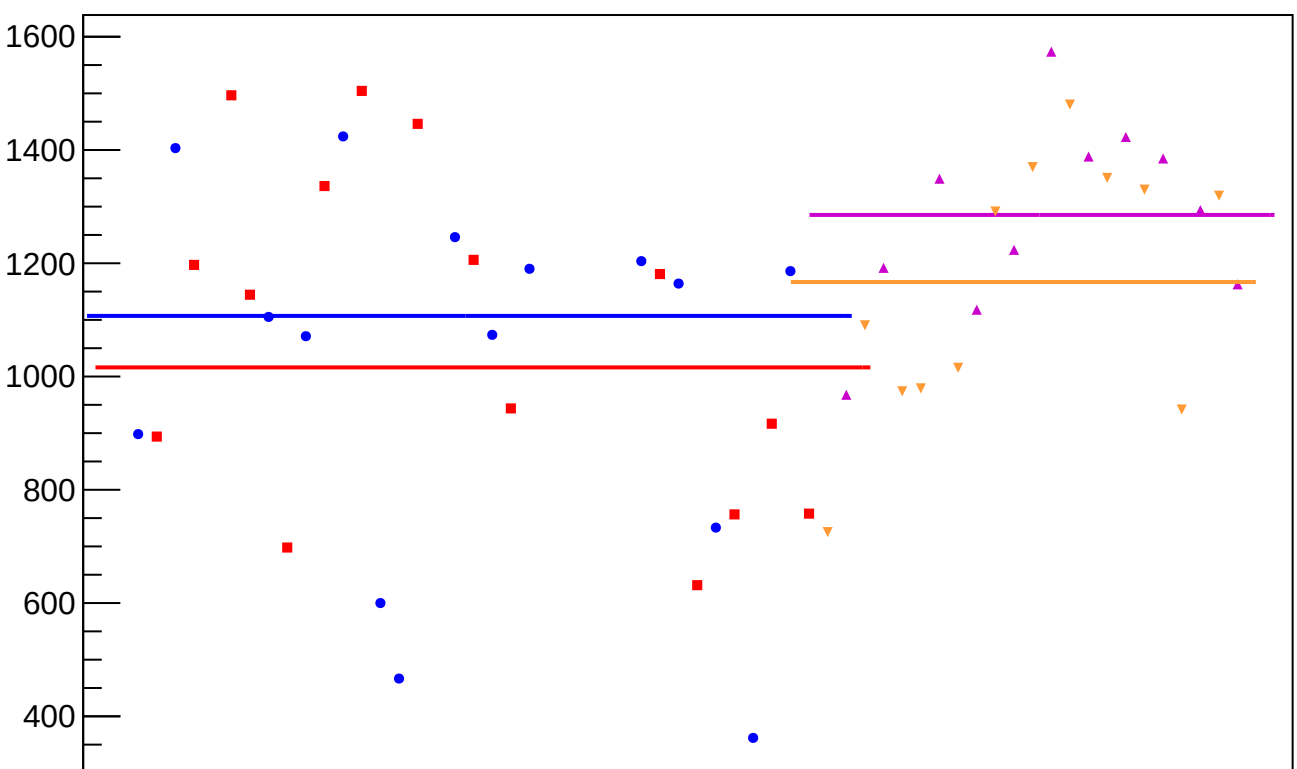
- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 954.594+/-0.000 χ^2/NDF: 342415954696427
Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11
All: 932.198+/-0.000 χ^2/NDF: 65265633909 9
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 910.195+/-0.000 χ^2/NDF: 308686161162215
Left In: 757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

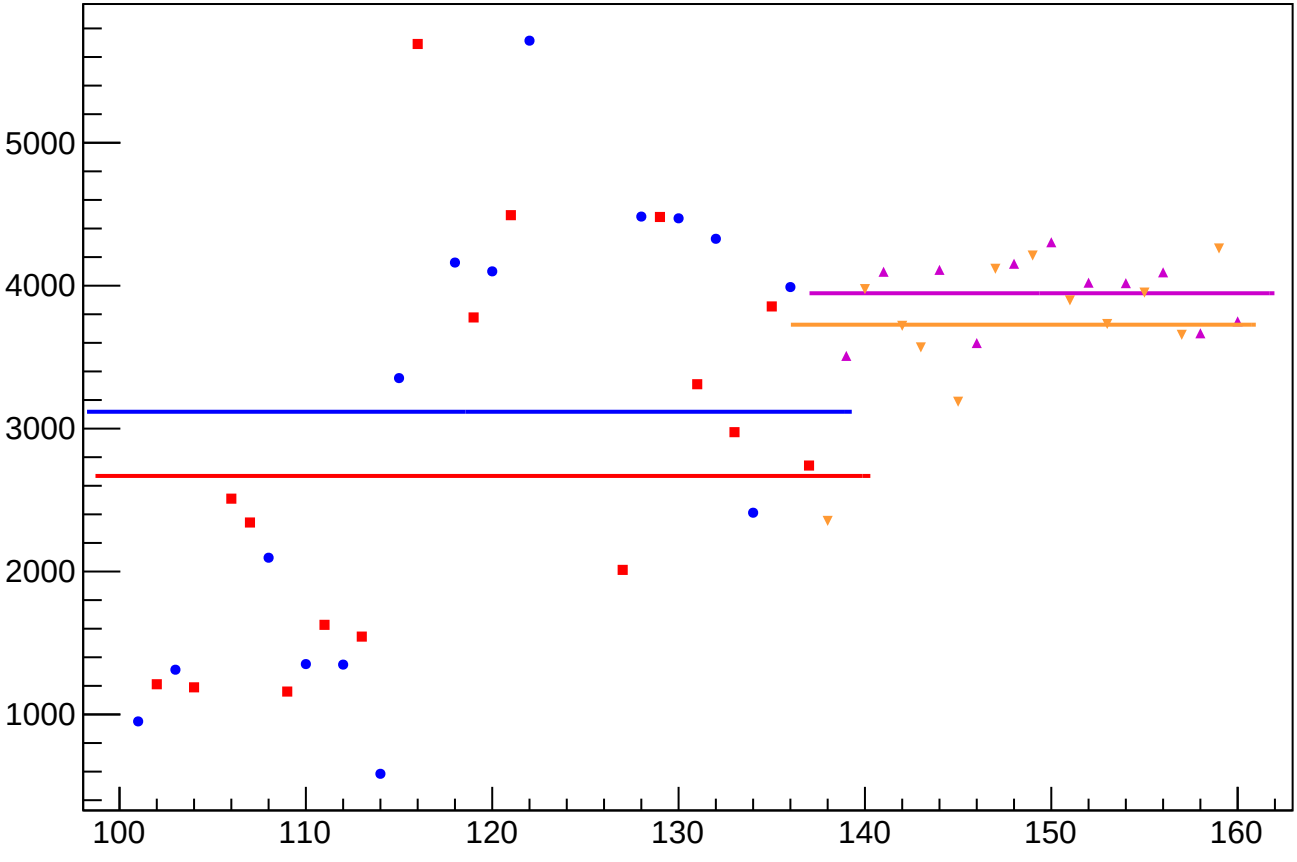
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

+ sign 3474.146+/-0.000 χ^2/NDF: 19310560227592

Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857 14176.0/11

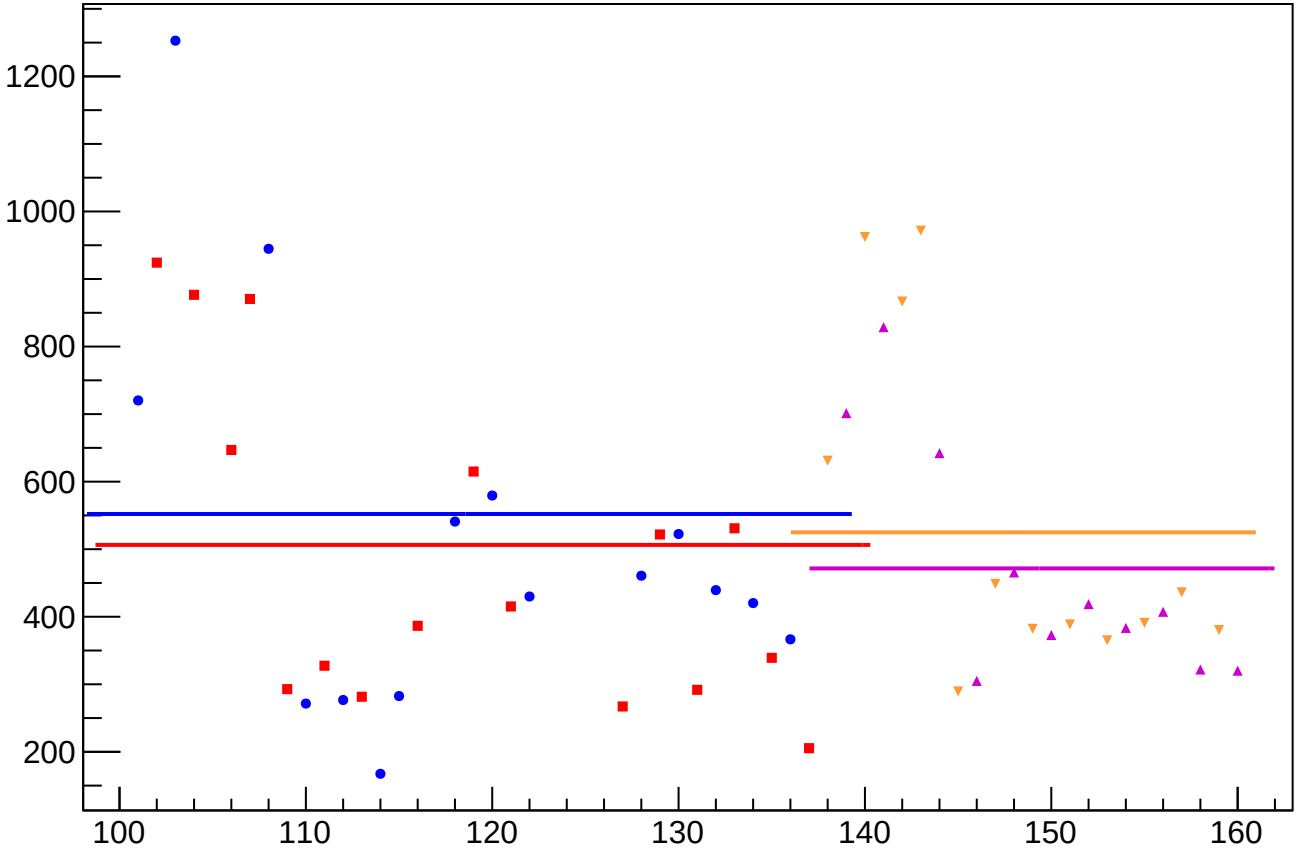
All: 3442.374+/-0.000 χ^2/NDF: 3760490456 8

Right Out: 2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711 4624.0/15

- sign 3411.160+/-0.000 χ^2/NDF: 18263065086829

Left In: 3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 536.247+/-0.000 χ^2/NDF: 1001388645734 36

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

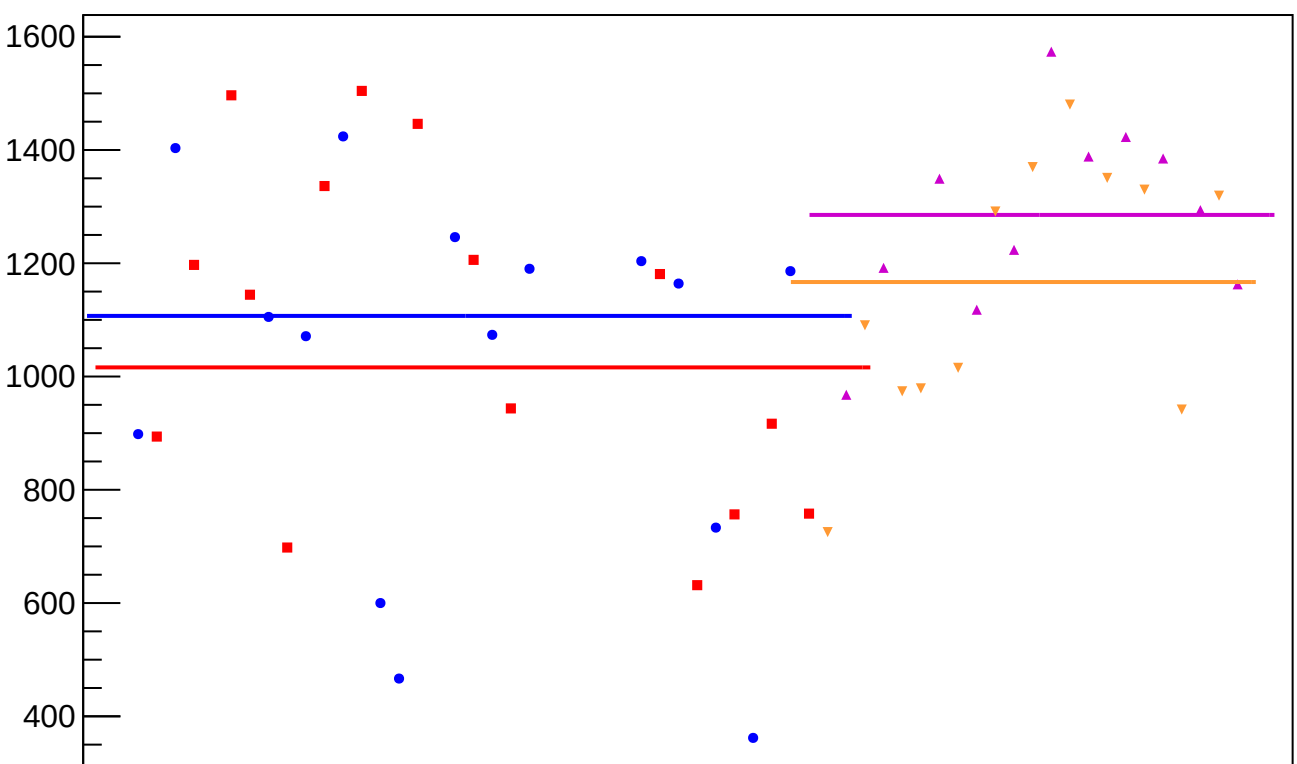
All: 510.967+/-0.000 χ^2/NDF: 16545089304 3

Right Out: 506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF: 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

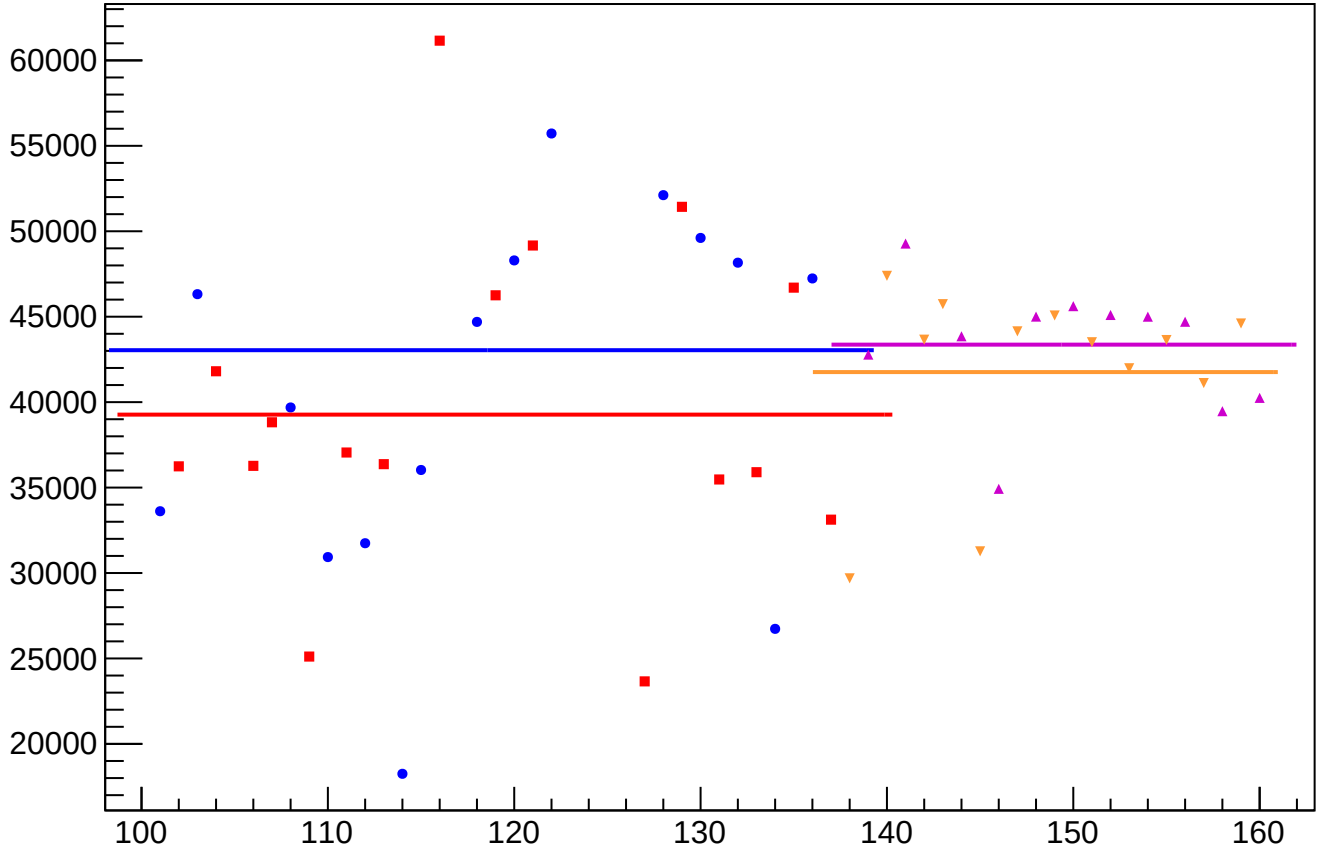
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

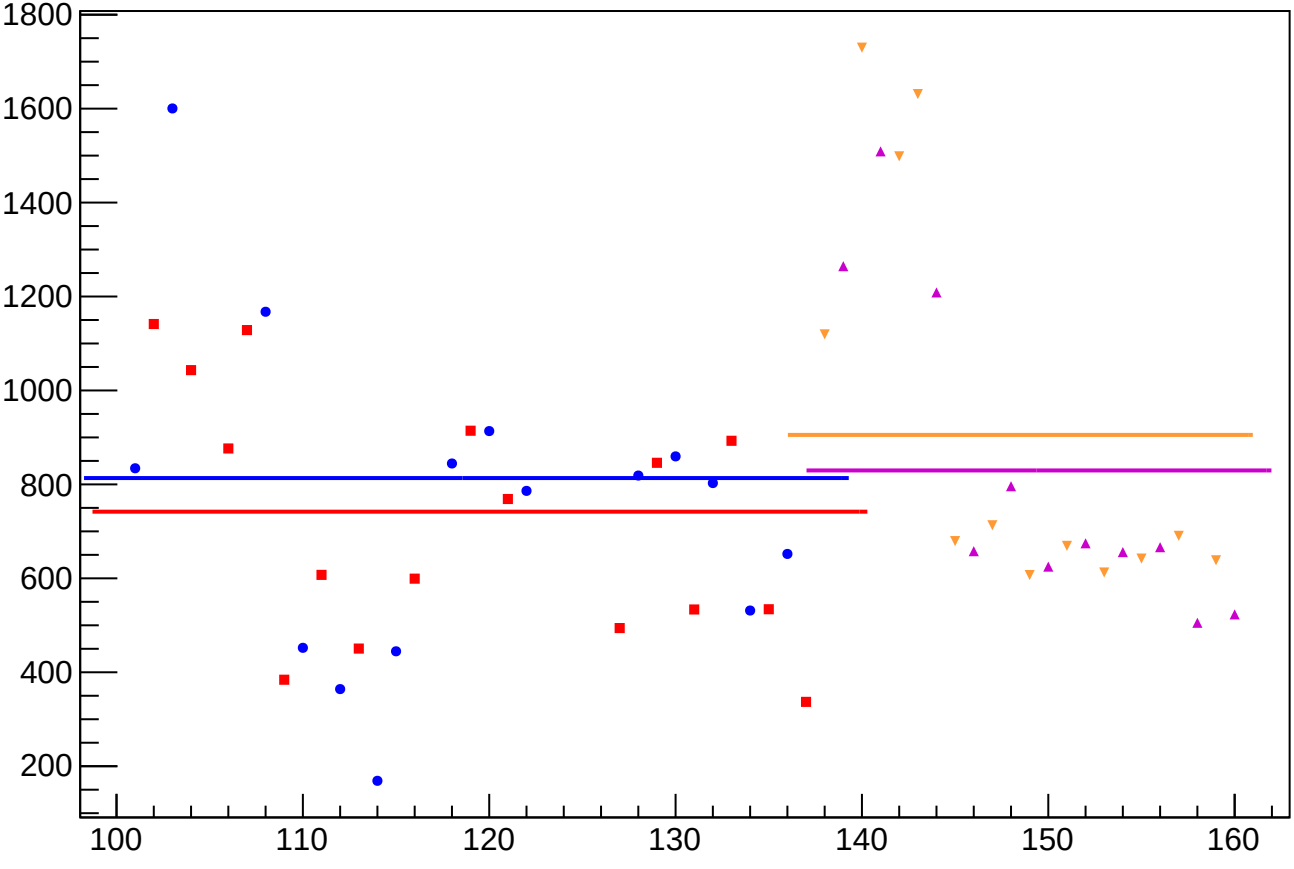
Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

+ sign 42291.015+/-0.000 χ^2/NDF: 753580564952 9

All: 41966.664+/-0.000 χ^2/NDF: 146263445 5

- sign 41648.021+/-0.000 χ^2/NDF: 705794160217 9

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

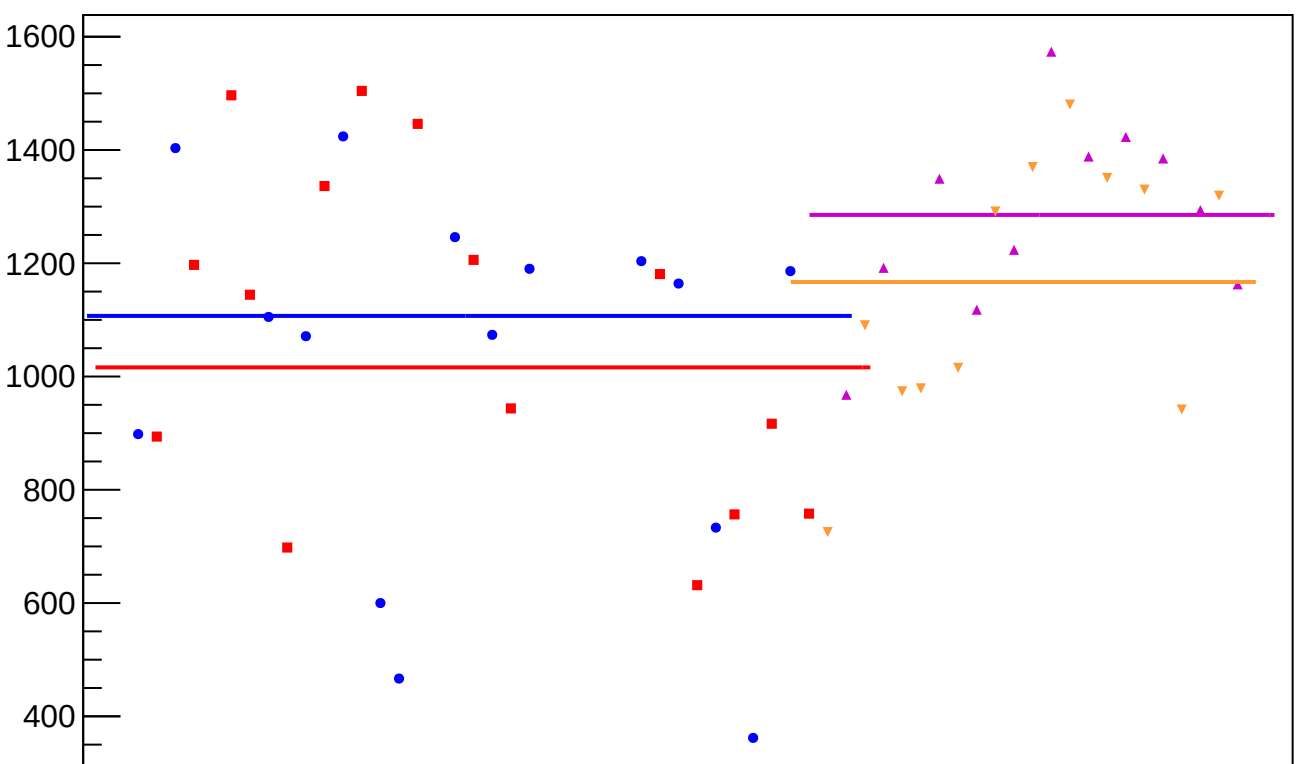
Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ sign 867.231+/-0.000 χ^2/NDF: 2219250858241 92

All: 829.738+/-0.000 χ^2/NDF: 3694191334 03

- sign 792.905+/-0.000 χ^2/NDF: 1431384508352 51

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

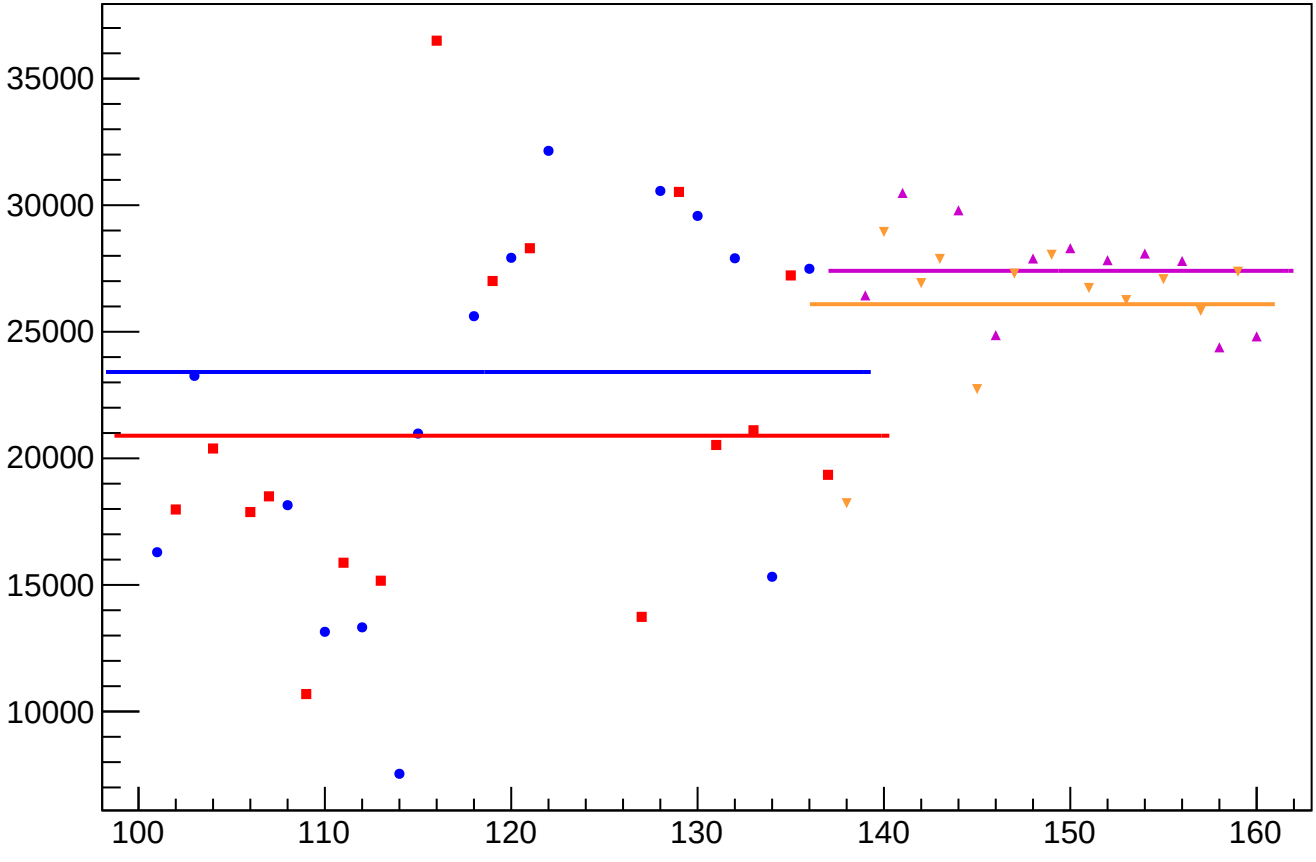
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26089.435+/-0.000 χ^2/NDF:7297474697325231234633060364075485102080.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

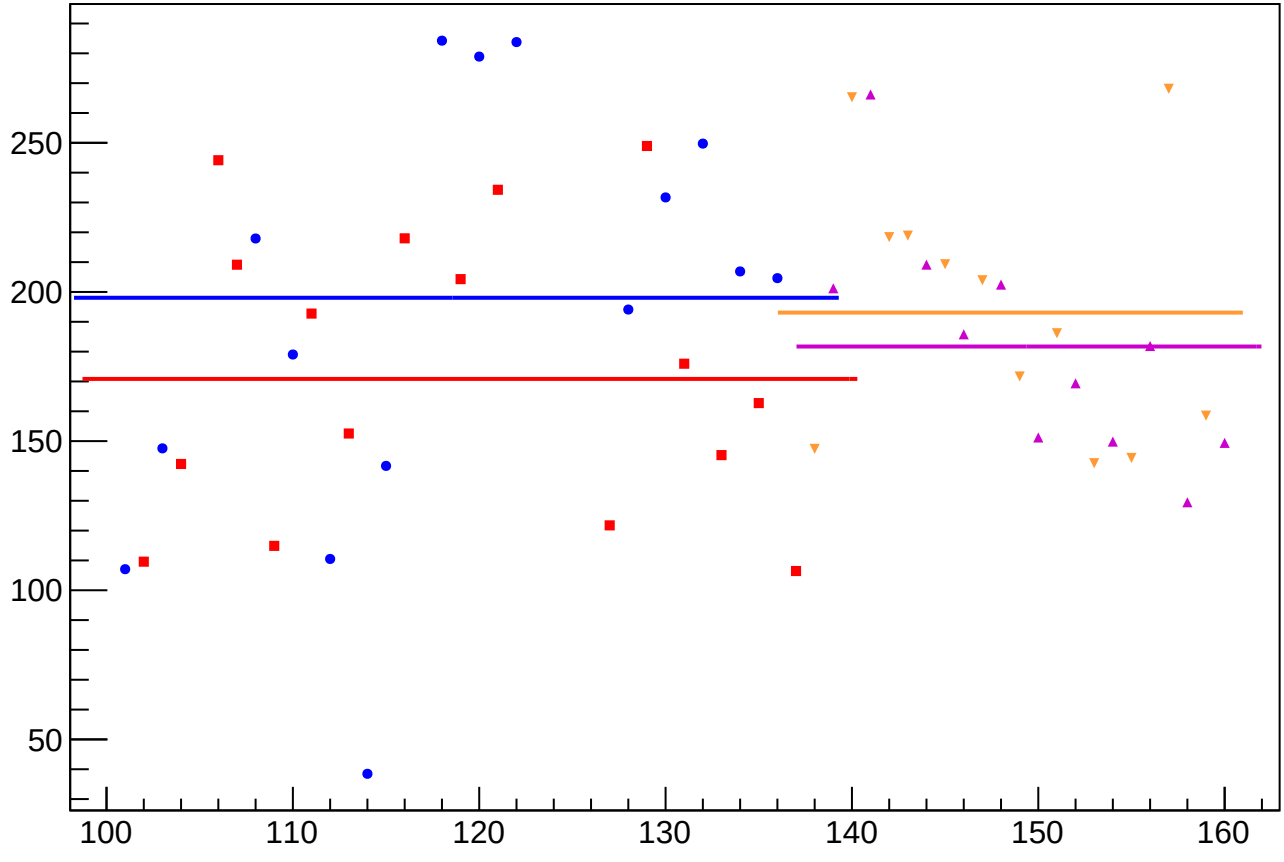
Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF: 384465667924

All: 24825.775+/-0.000 χ^2/NDF: 856821548 9

- sign 24676.734+/-0.000 χ^2/NDF: 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 193.084+/-0.000 χ^2/NDF:1682749705439949881122511912389574656.0/11

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

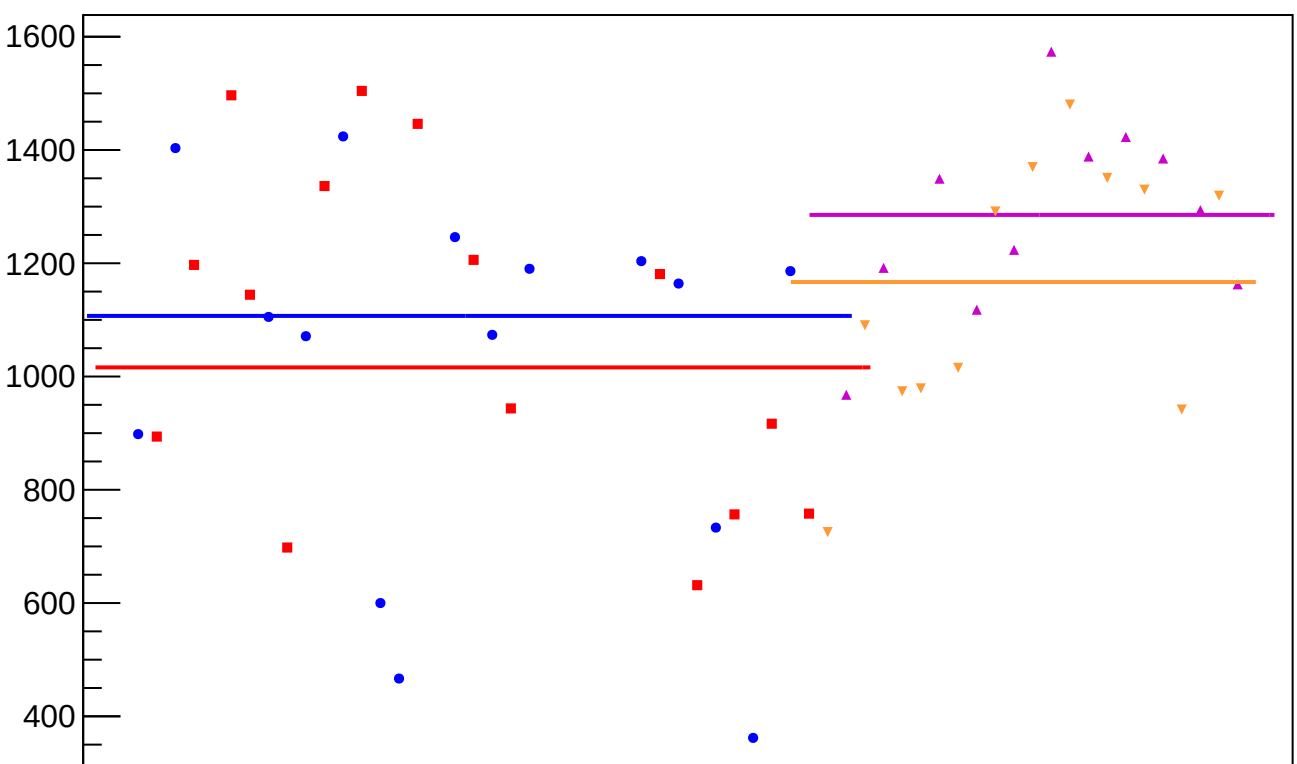
Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ sign 195.148+/-0.000 χ^2/NDF: 417506015542371

All: 186.074+/-0.000 χ^2/NDF: 71227710861

- sign 177.159+/-0.000 χ^2/NDF: 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

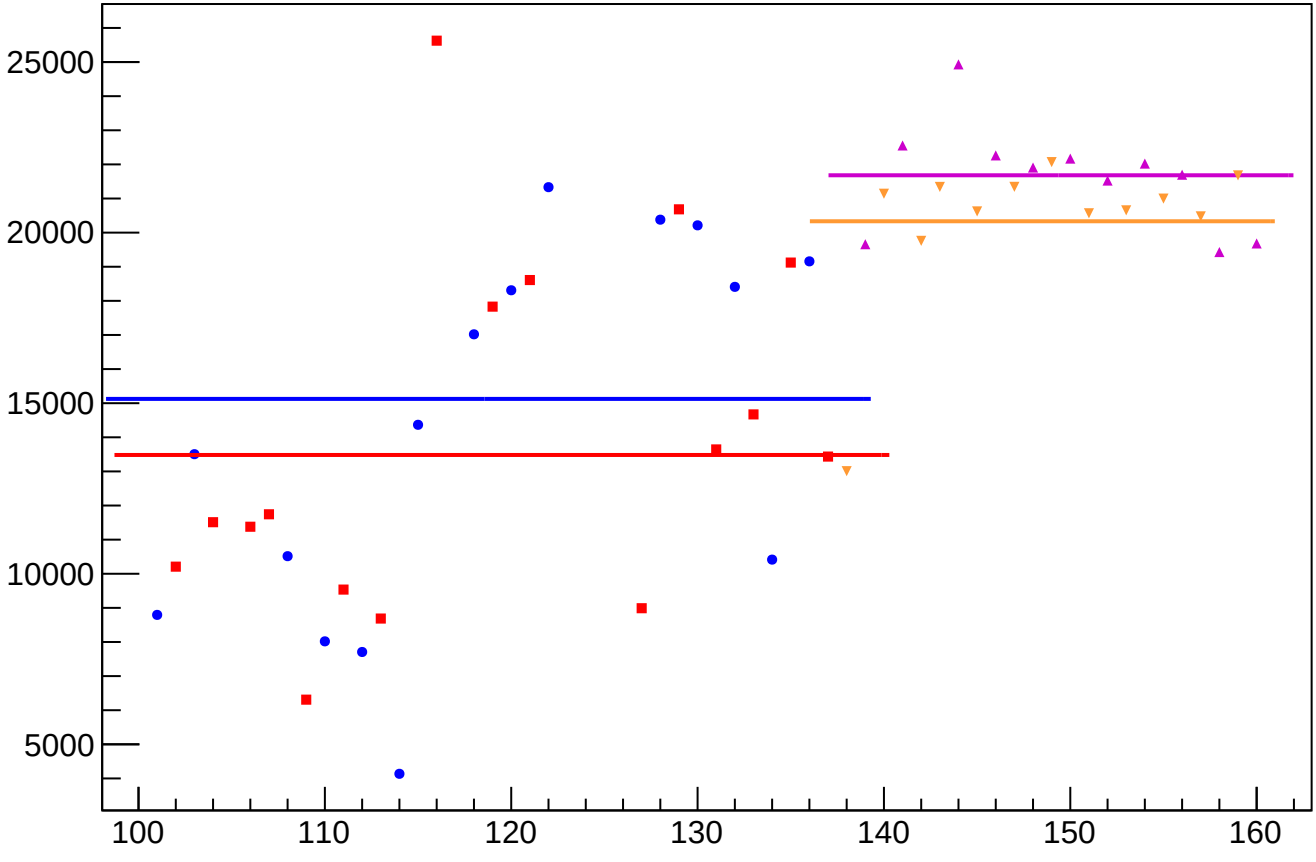
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

+ sign 18170.879+/-0.000 χ^2/NDF: 3176208714015

Left Out: 20333.061+/-0.000 χ^2/NDF:485594922577694276322685394036905423667 2.0/11

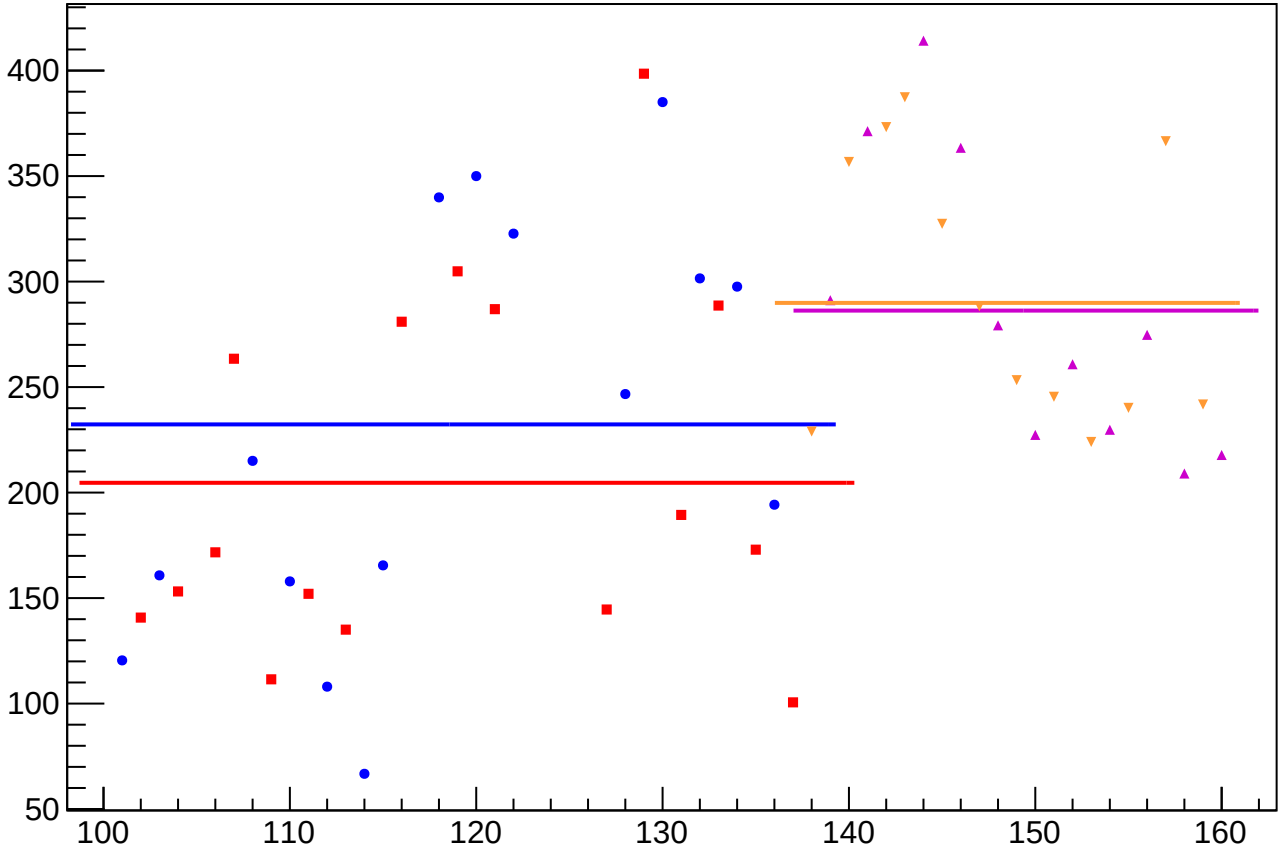
All: 18207.738+/-0.000 χ^2/NDF: 7582607940

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

- sign 18243.949+/-0.000 χ^2/NDF: 4405978256455

Left In: 21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

+ sign 265.986+/-0.000 χ^2/NDF: 993907240808893

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

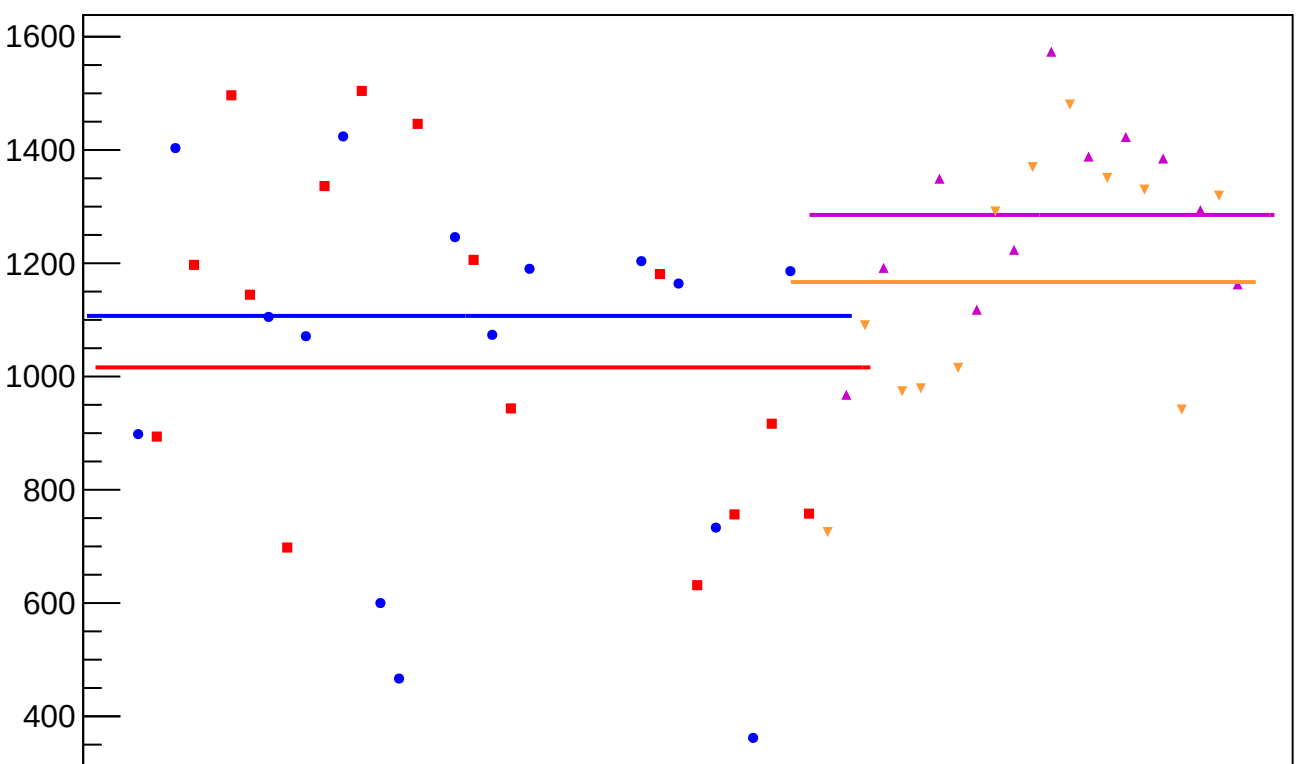
All: 258.948+/-0.000 χ^2/NDF: 212946744199

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

- sign 252.033+/-0.000 χ^2/NDF: 112020972383493

Left In: 286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

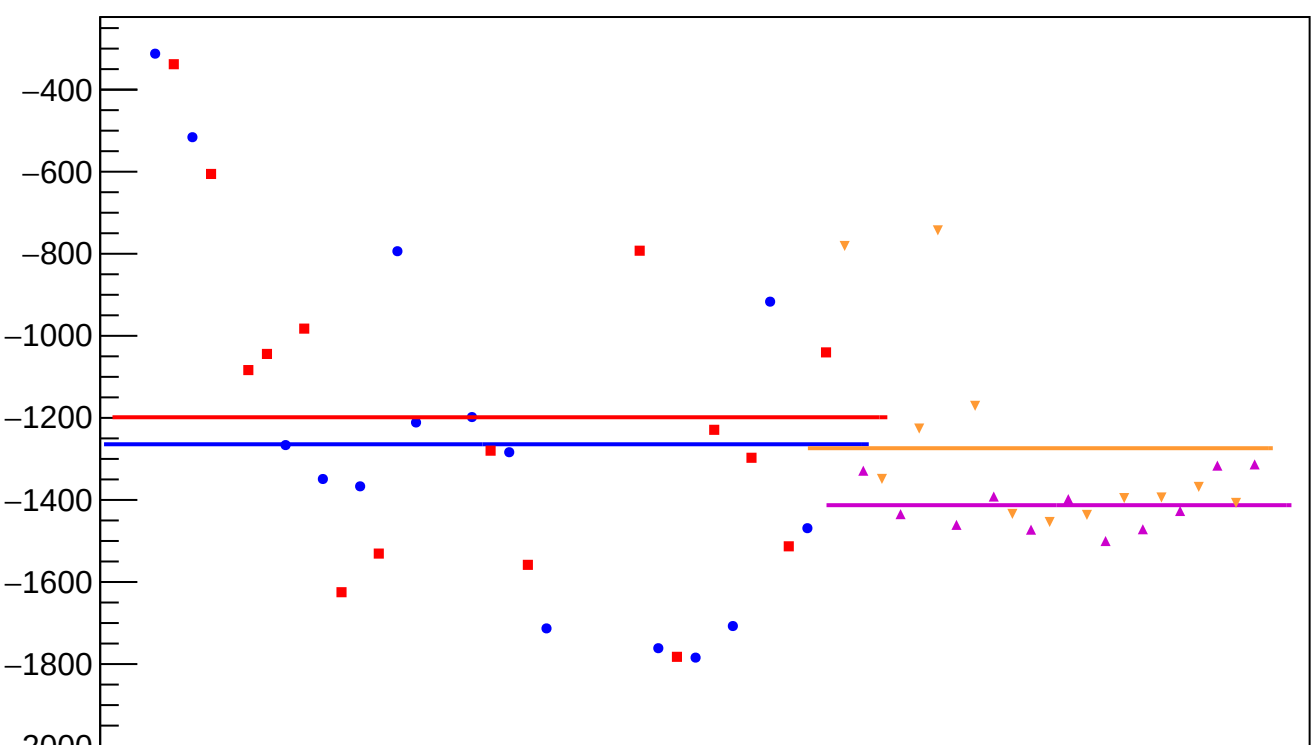
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

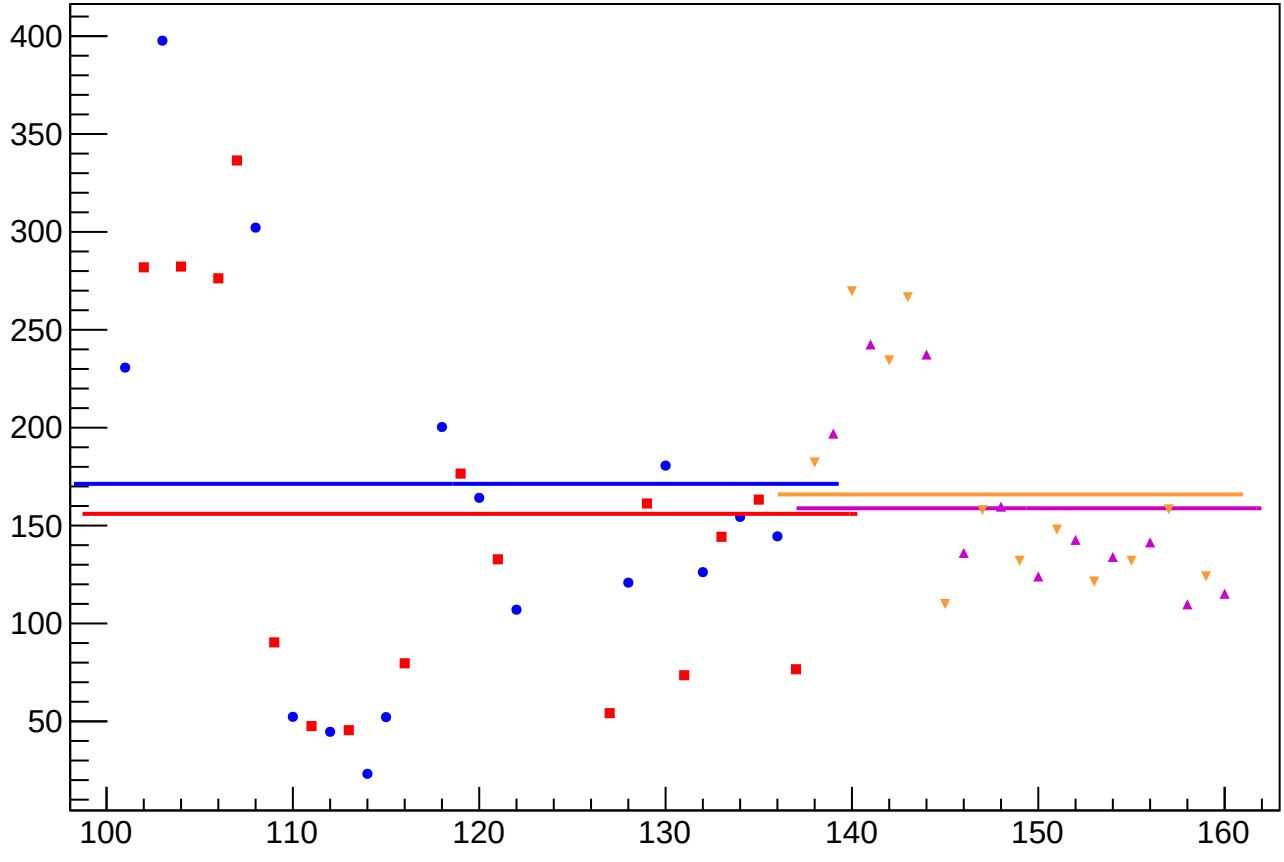
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1269.922+/-0.000 χ^2/NDF: 1907675135798
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
All: -1296.664+/-0.000 χ^2/NDF: 3455789240
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1322.935+/-0.000 χ^2/NDF: 1525955901709
Left In: -1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

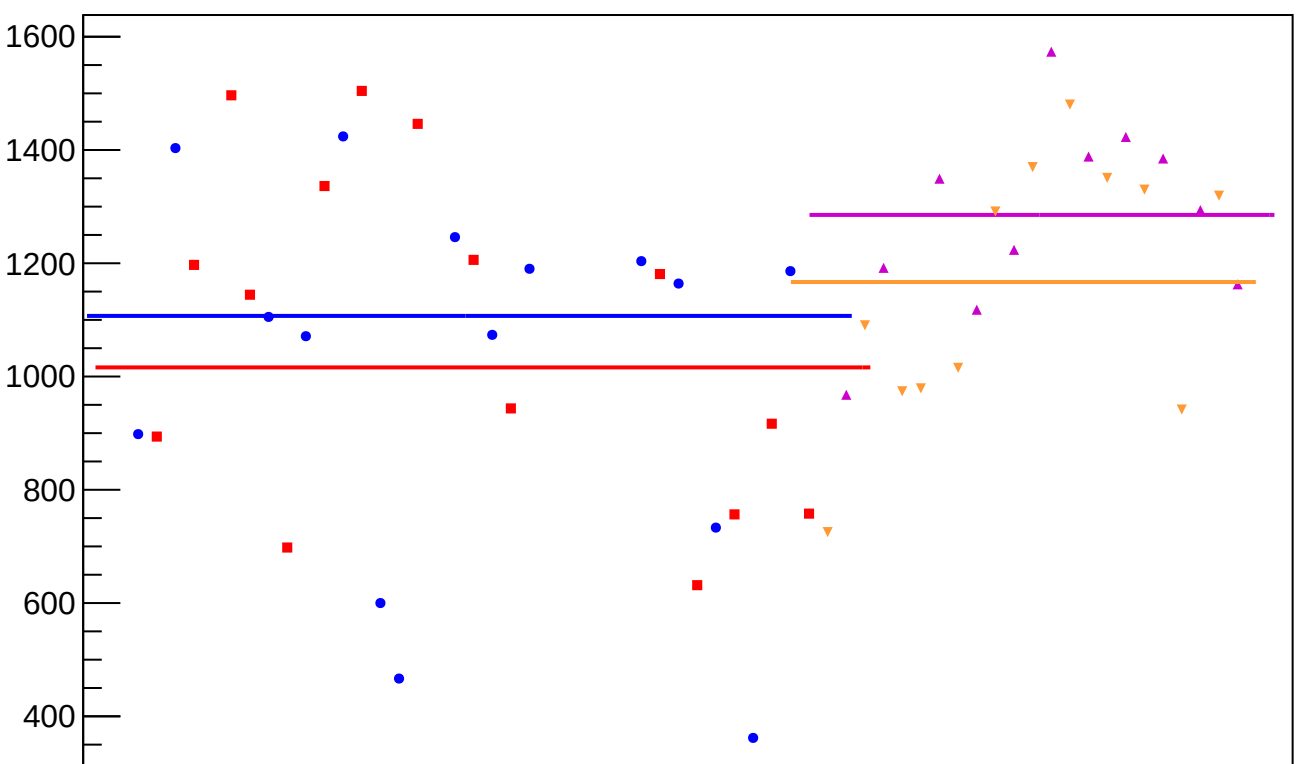
Left In: 158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

+ sign 168.162+/-0.000 χ^2/NDF: 870698624432880

All: 162.856+/-0.000 χ^2/NDF: 16331319503

- sign 157.643+/-0.000 χ^2/NDF: 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

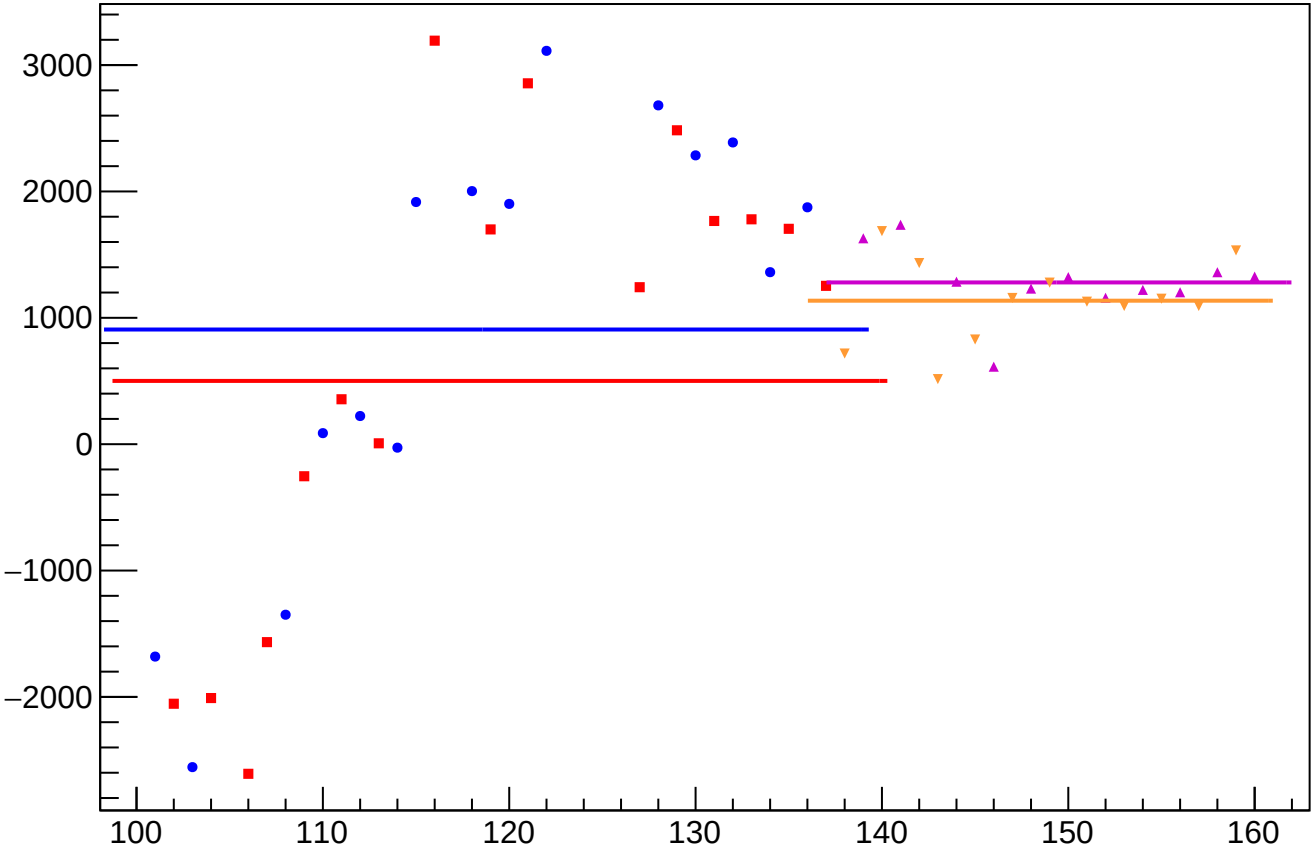
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

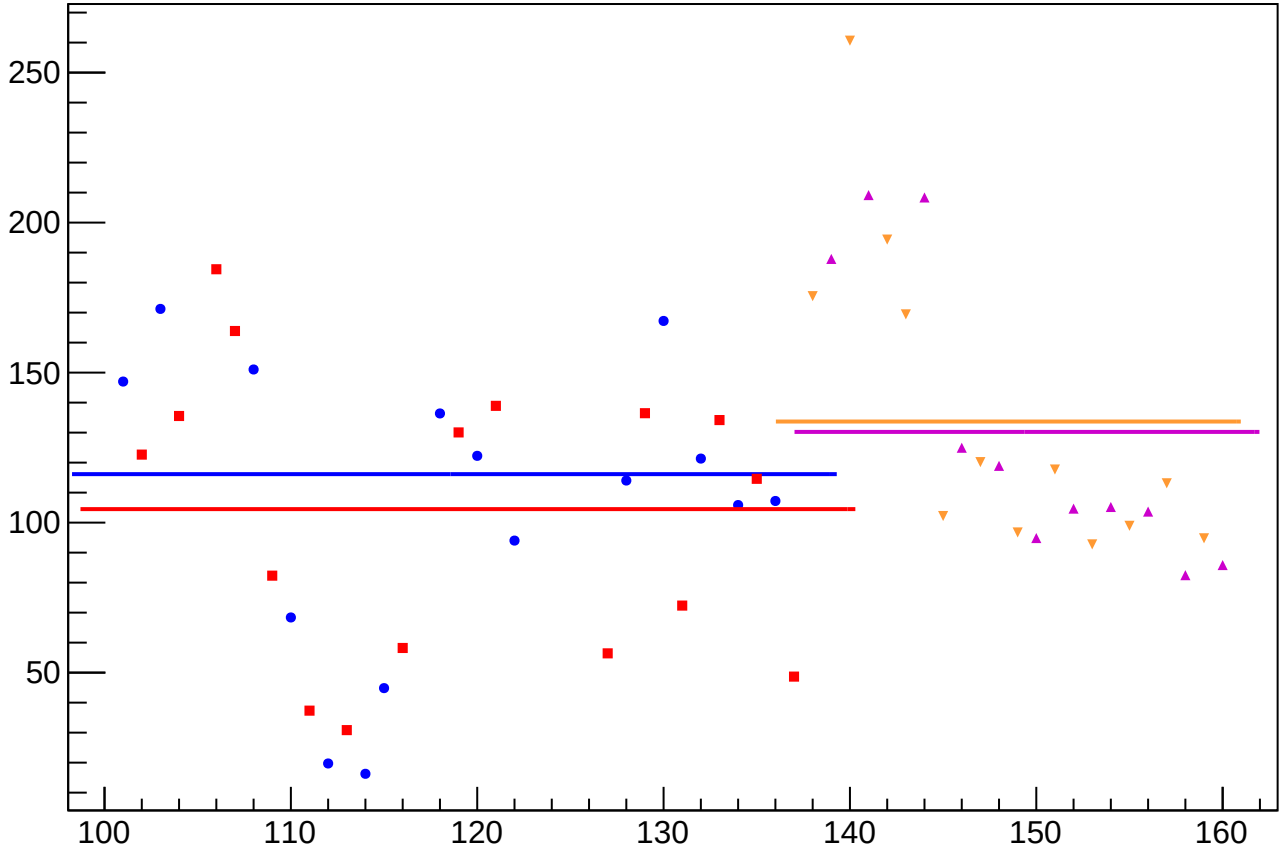
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14
+ sign 1040.809+/-0.000 χ^2/NDF: 2217433289487
Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11
All: 996.658+/-0.000 χ^2/NDF: 46005561681
Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15
- sign 953.284+/-0.000 χ^2/NDF: 237708288217536
Left In: 1279.995+/-0.000 χ^2/NDF:675923047038840320285592394487824384 00.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

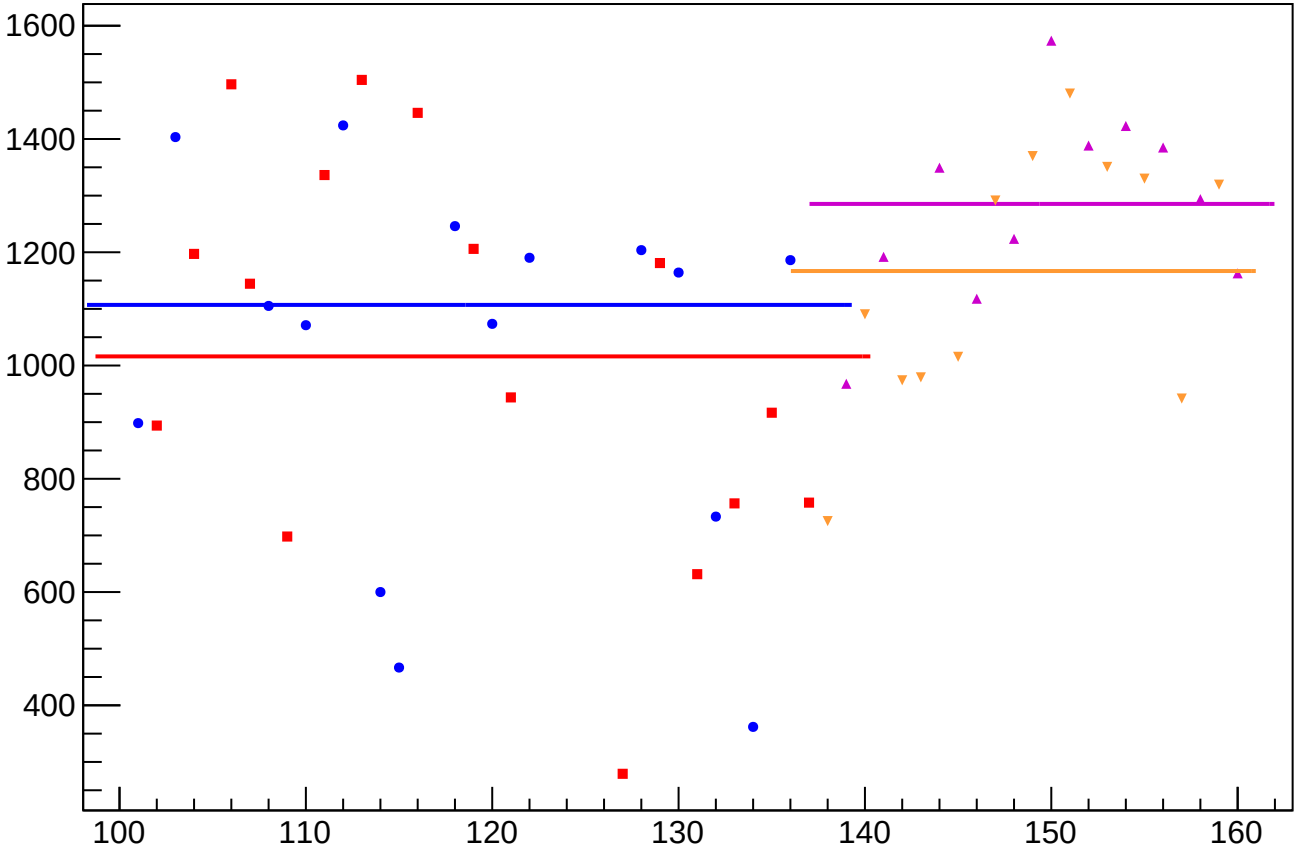
Left In: 130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

+ sign 126.414+/-0.000 χ^2/NDF: 364747445092715

All: 122.900+/-0.000 χ^2/NDF: 719711638238

- sign 119.447+/-0.000 χ^2/NDF: 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

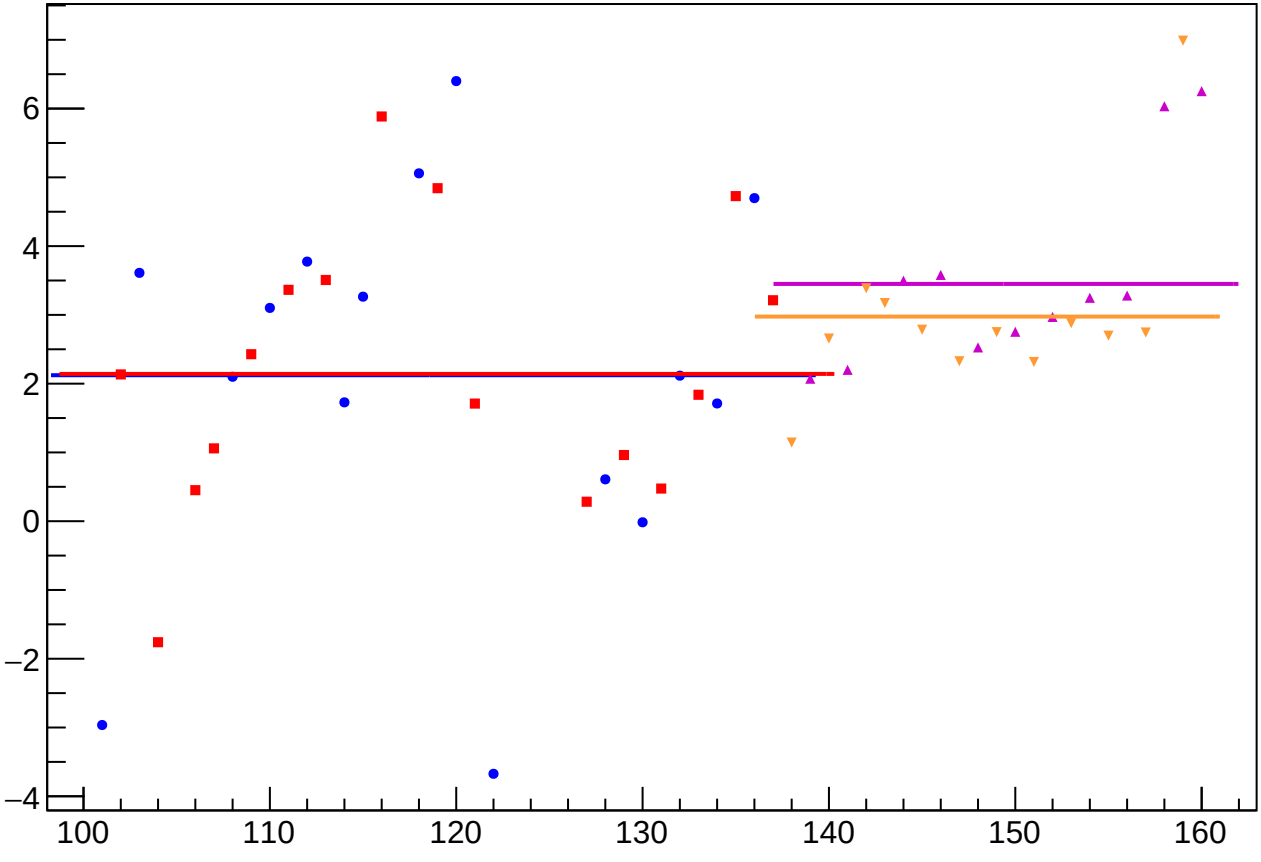
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

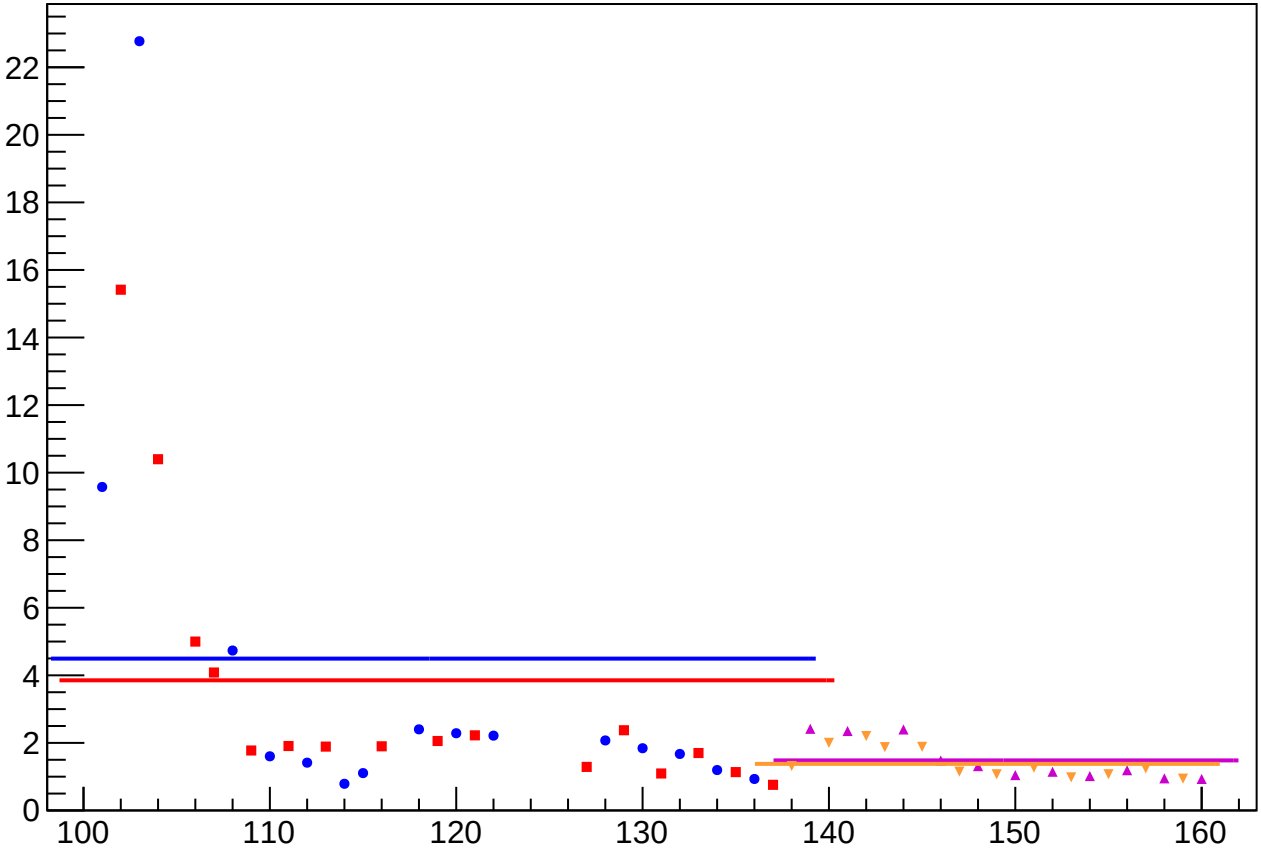
Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF: 7192610969837378 0

All: 2.763+/-0.000 χ^2/NDF: 1194273758480 9

- sign 2.902+/-0.000 χ^2/NDF: 4688165314334650 8

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.673+/-0.000 χ^2/NDF: 2910543680814668 3

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

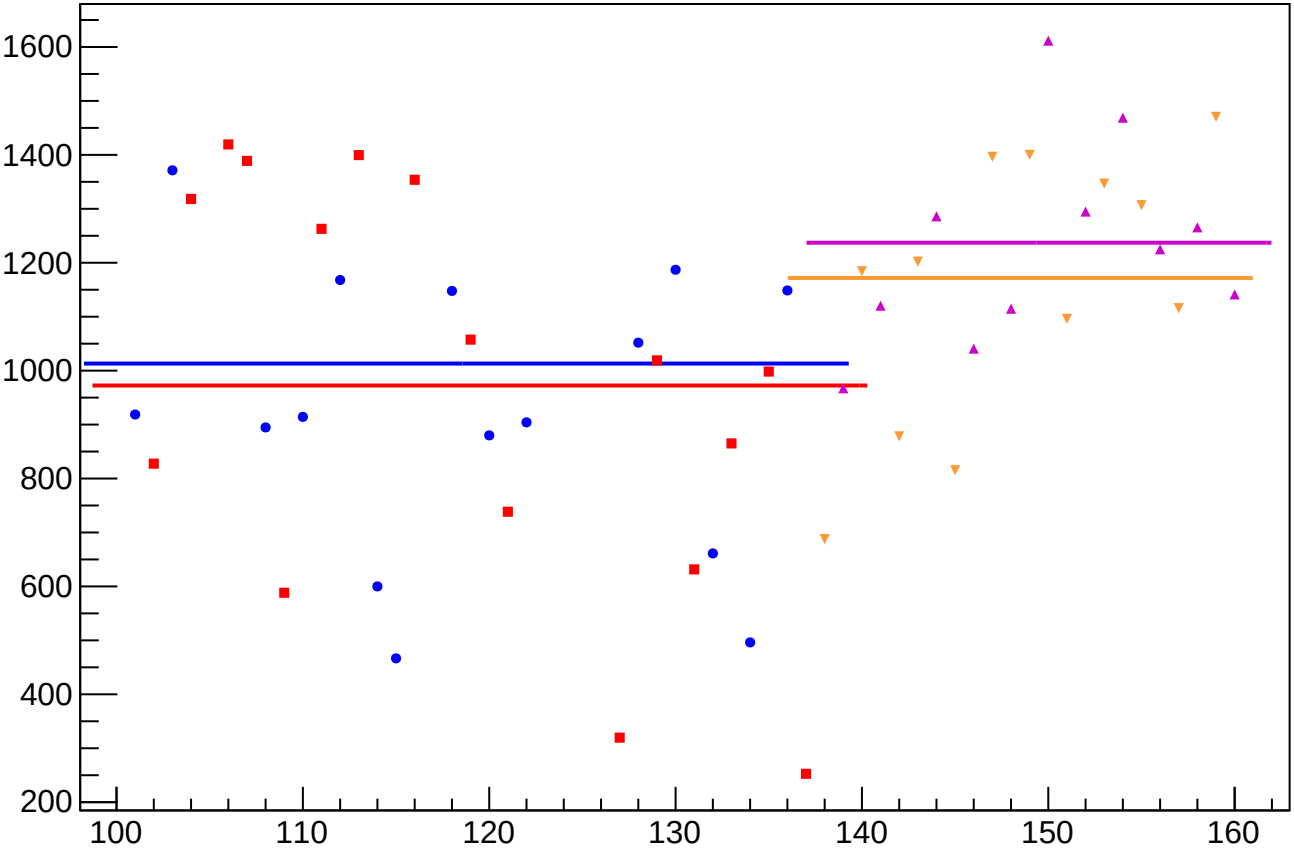
All: 2.573+/-0.000 χ^2/NDF: 4393857611244 7

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.476+/-0.000 χ^2/NDF: 1480240591264191 0

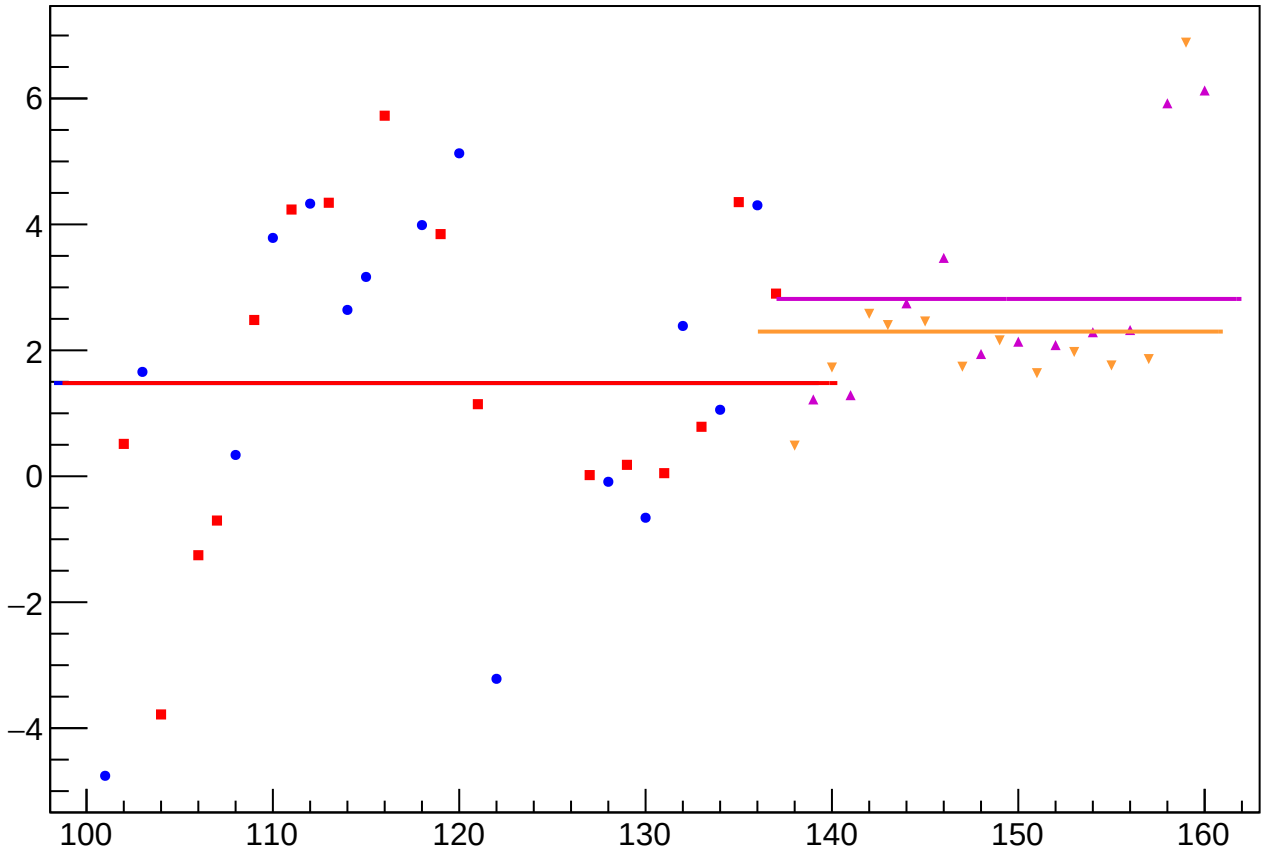
Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.298+/-0.000 χ^2/NDF:2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

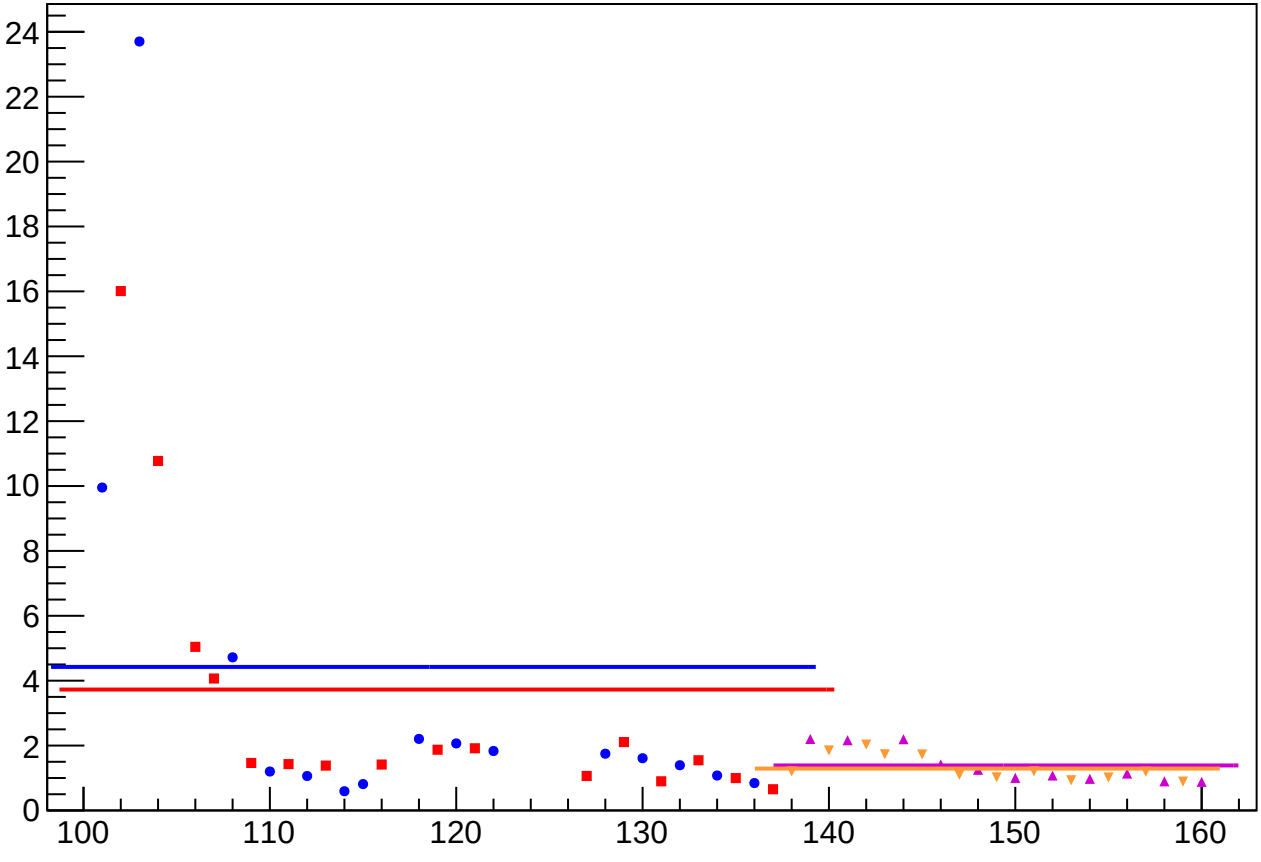
Left In: 2.816+/-0.000 χ^2/NDF:2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF: 8133477300118297 9

All: 2.109+/-0.000 χ^2/NDF: 1521837937026 1

- sign 2.256+/-0.000 χ^2/NDF: 7014944063307818 4

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.592+/-0.000 χ^2/NDF: 3210351611997735

Left Out: 1.291+/-0.000 χ^2/NDF:11920172561845219091749032427520 0.0/11

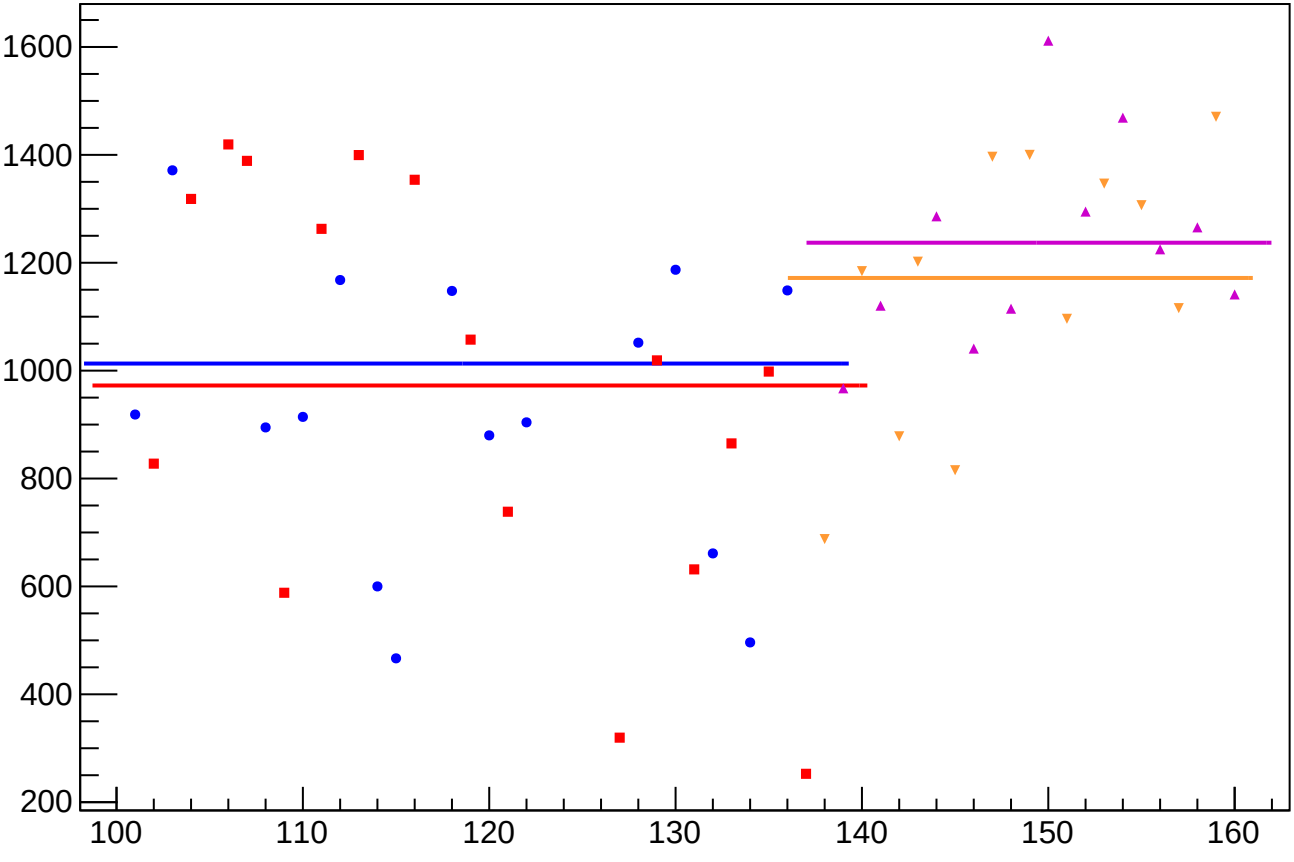
All: 2.479+/-0.000 χ^2/NDF: 4850101738154

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

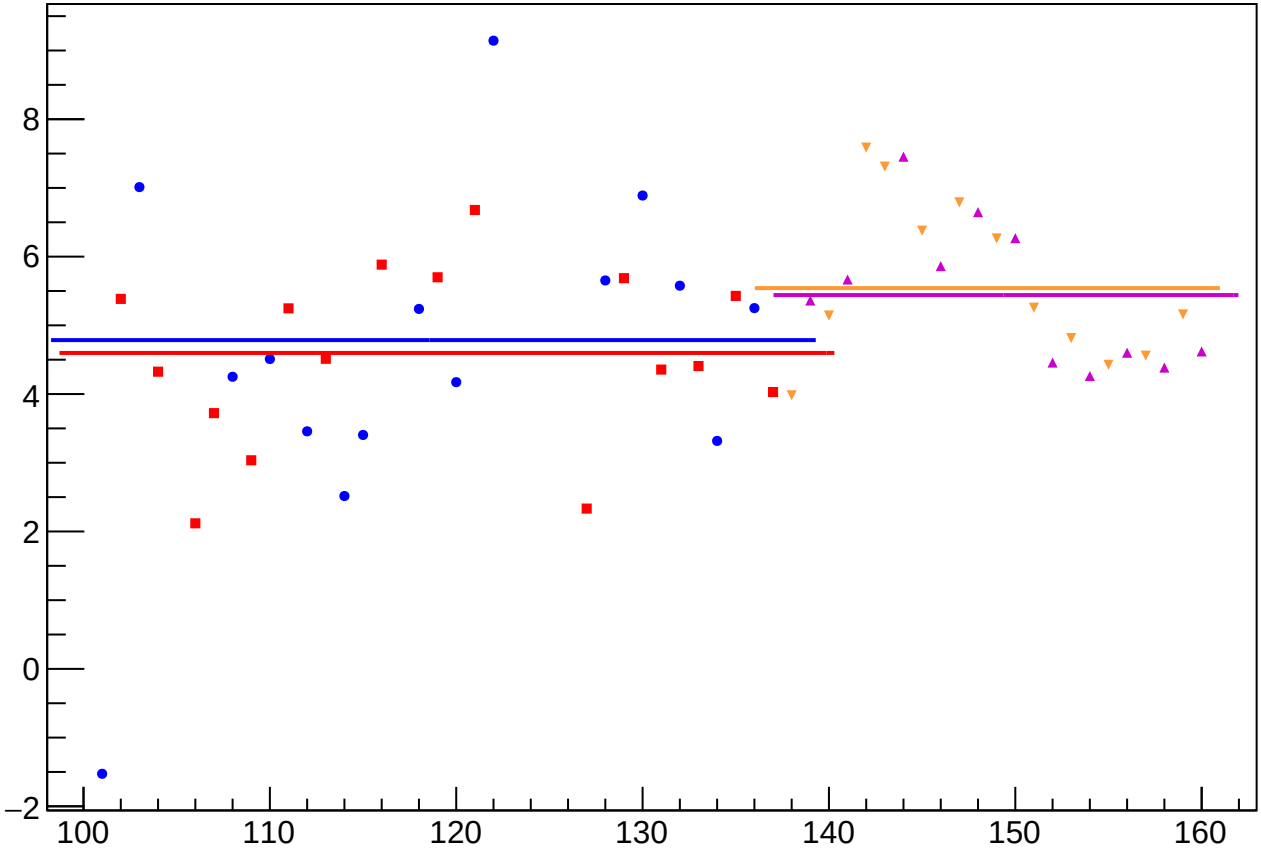
Left In: 1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

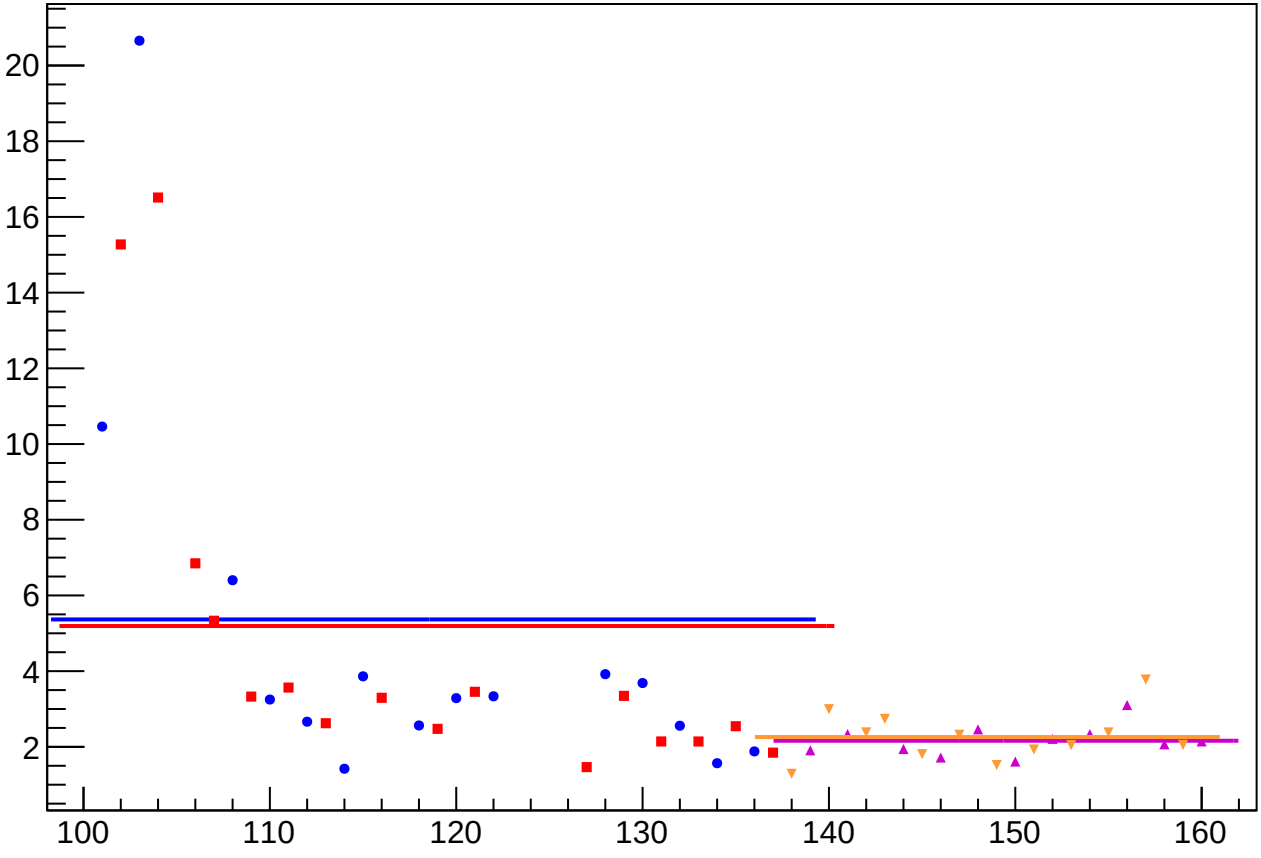
Left In: 5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF: 5277527853709316 6

All: 5.157+/-0.000 χ^2/NDF: 7526752383180 7

- sign 5.088+/-0.000 χ^2/NDF: 2233771395337481 5

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.549+/-0.000 χ^2/NDF: 2284032483018928 6

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

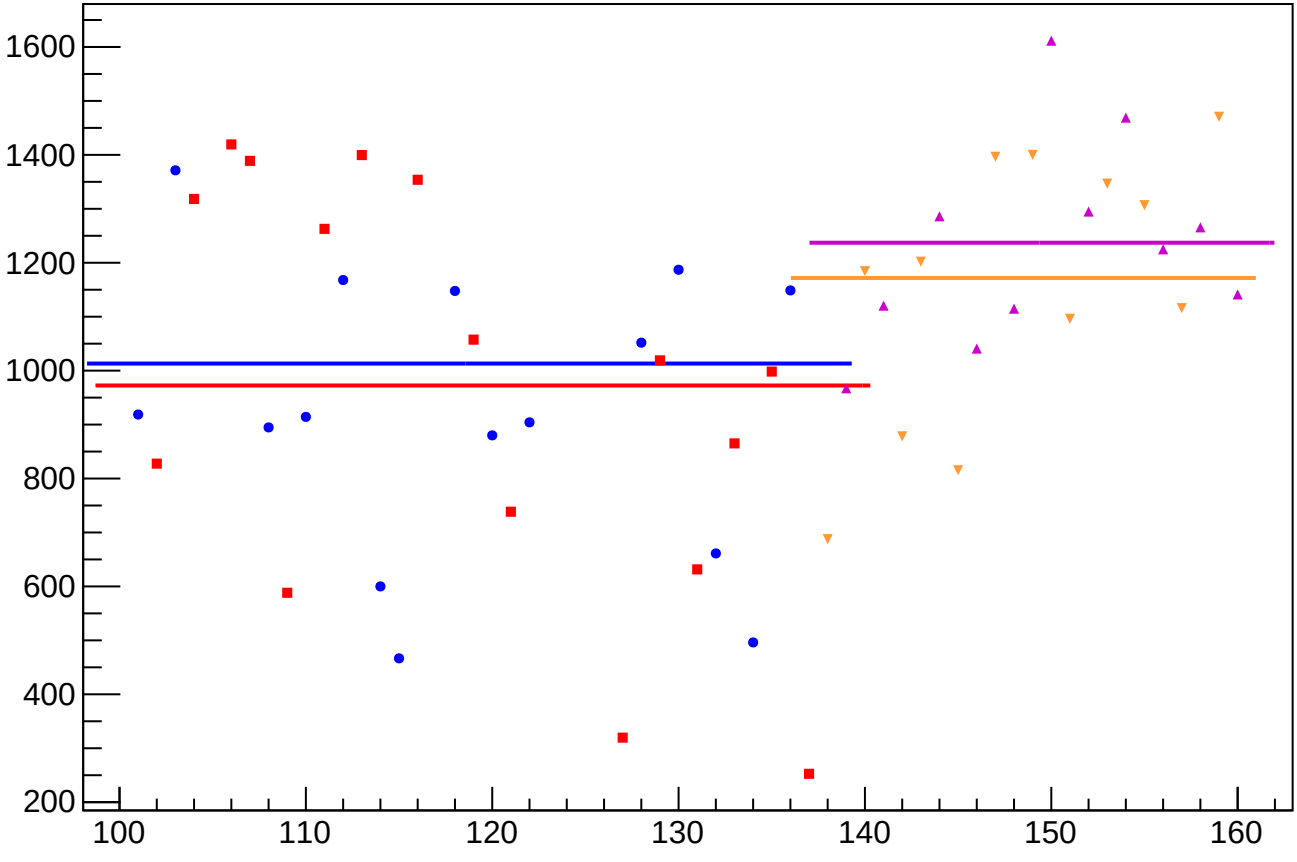
All: 3.490+/-0.000 χ^2/NDF: 4229693907768 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

- sign 3.432+/-0.000 χ^2/NDF: 1944582992061895 7

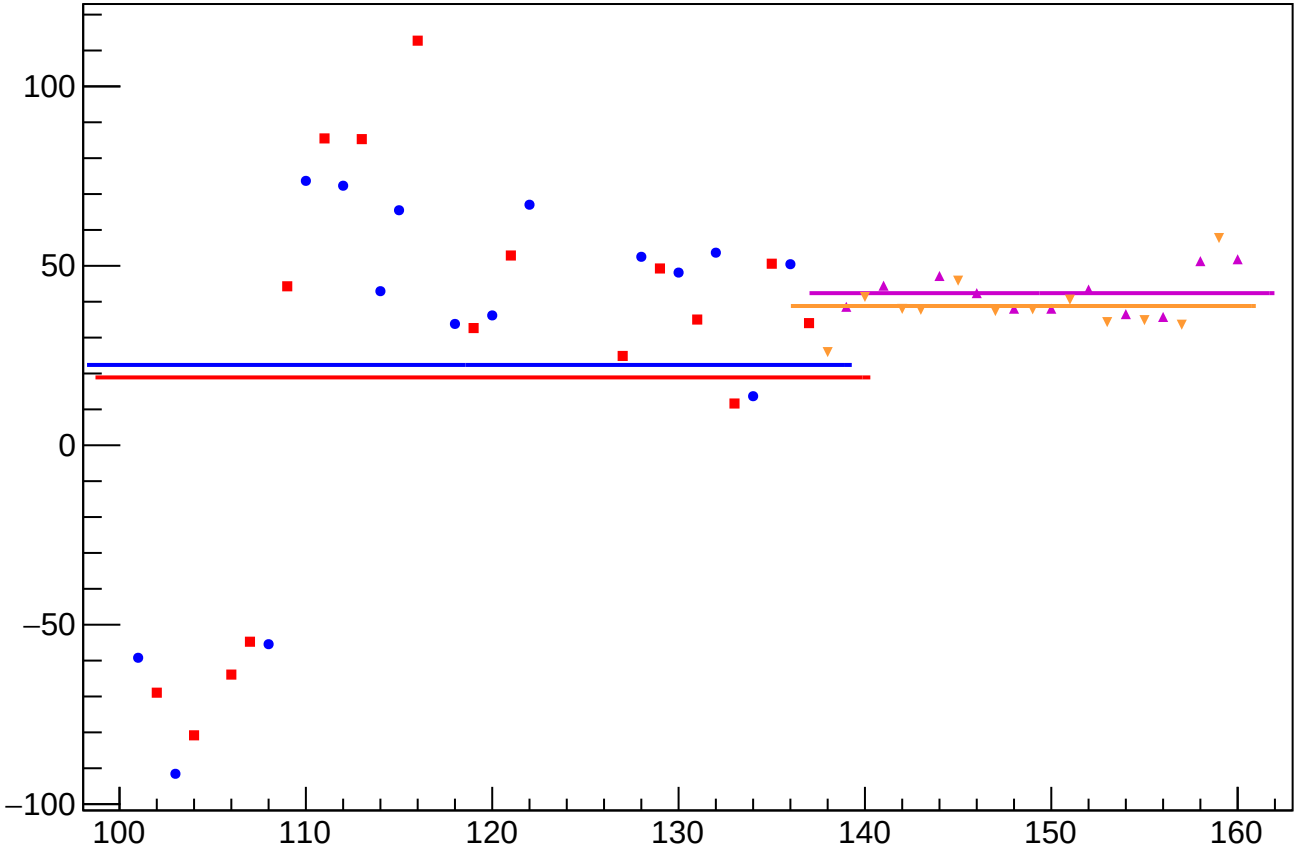
Left In: 2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399257783 7824.0/15

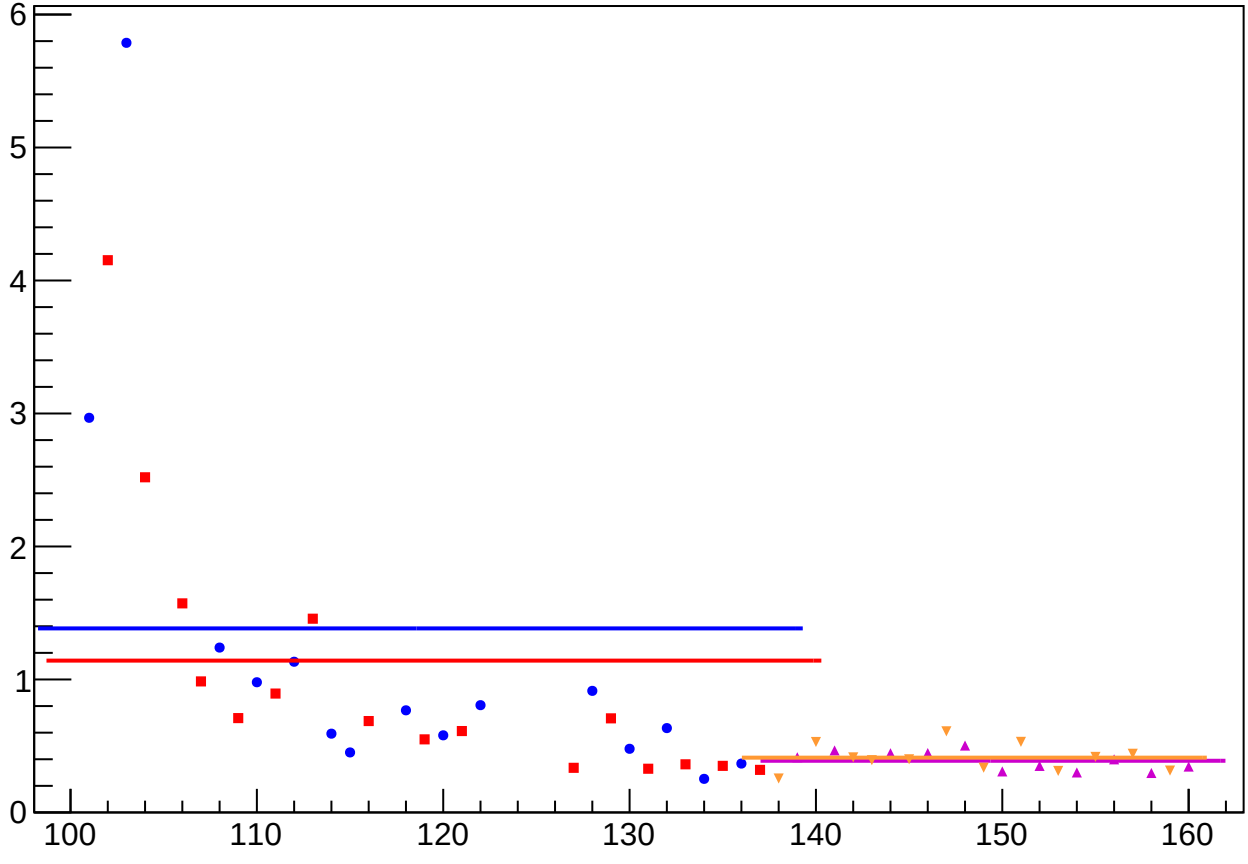
Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ sign 31.987+/-0.000 χ^2/NDF: 2076251683338392

All: 32.268+/-0.000 χ^2/NDF: 4498818256205

- sign 32.543+/-0.000 χ^2/NDF: 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

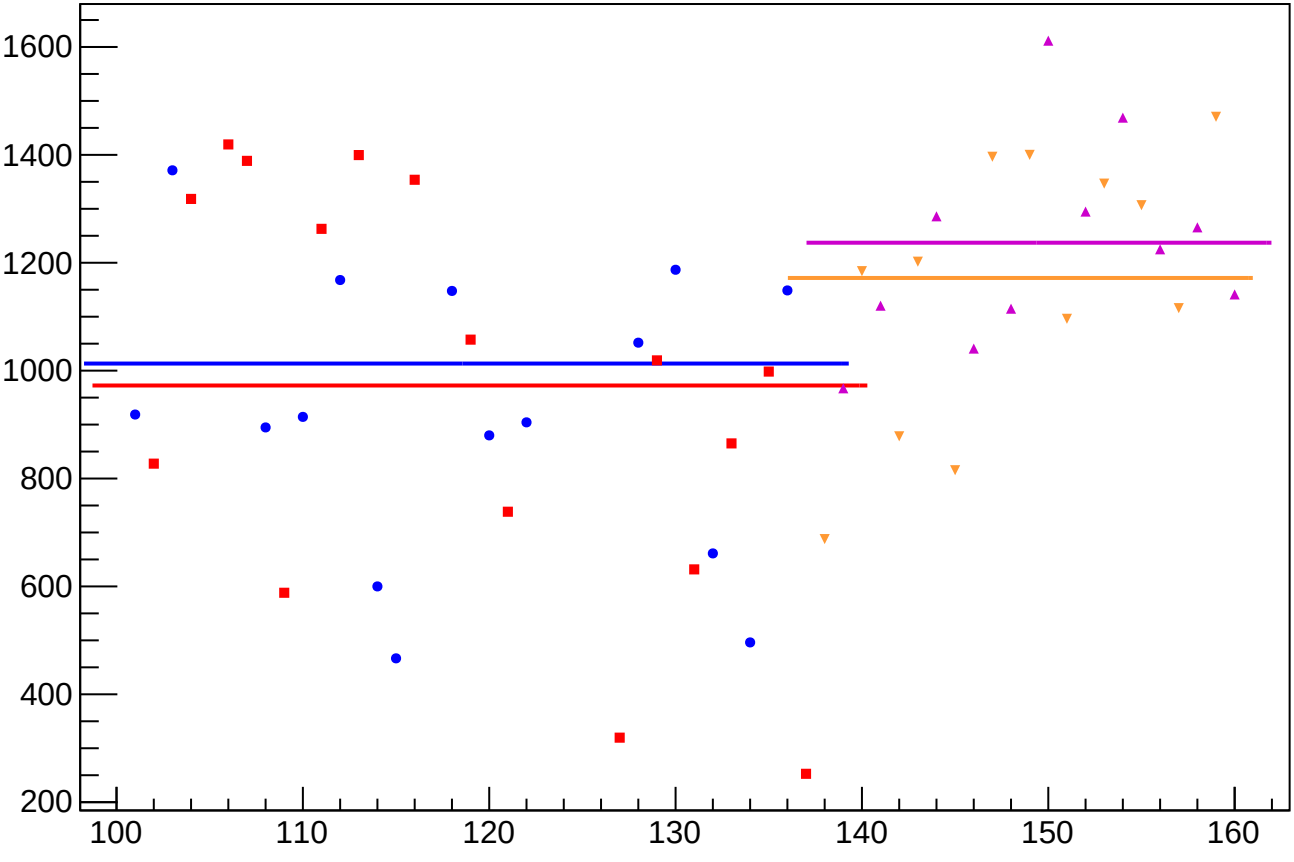
Left In: 0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

+ sign 0.816+/-0.000 χ^2/NDF: 1938989534103537 8

All: 0.760+/-0.000 χ^2/NDF: 2983619505756 6

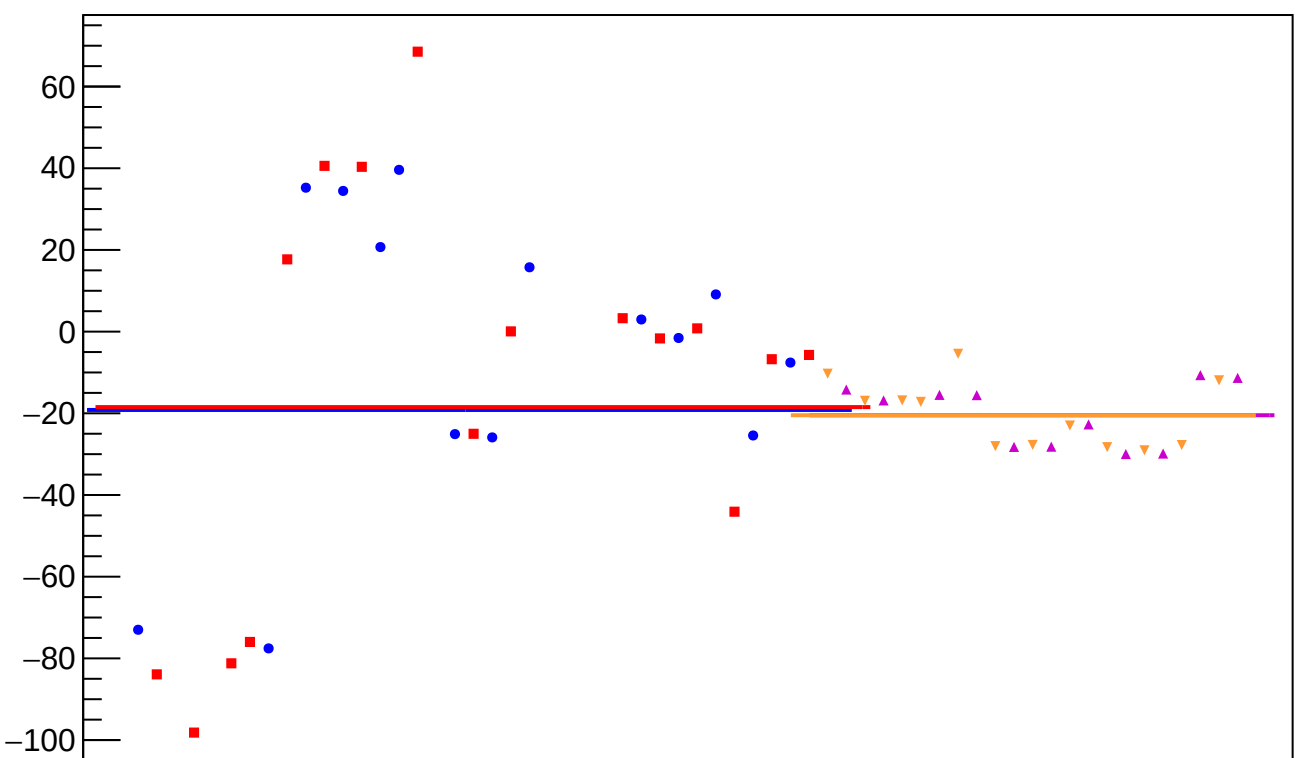
- sign 0.704+/-0.000 χ^2/NDF: 1034872597888586 5

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.930+/-0.000 χ^2/NDF: 130562508565939

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

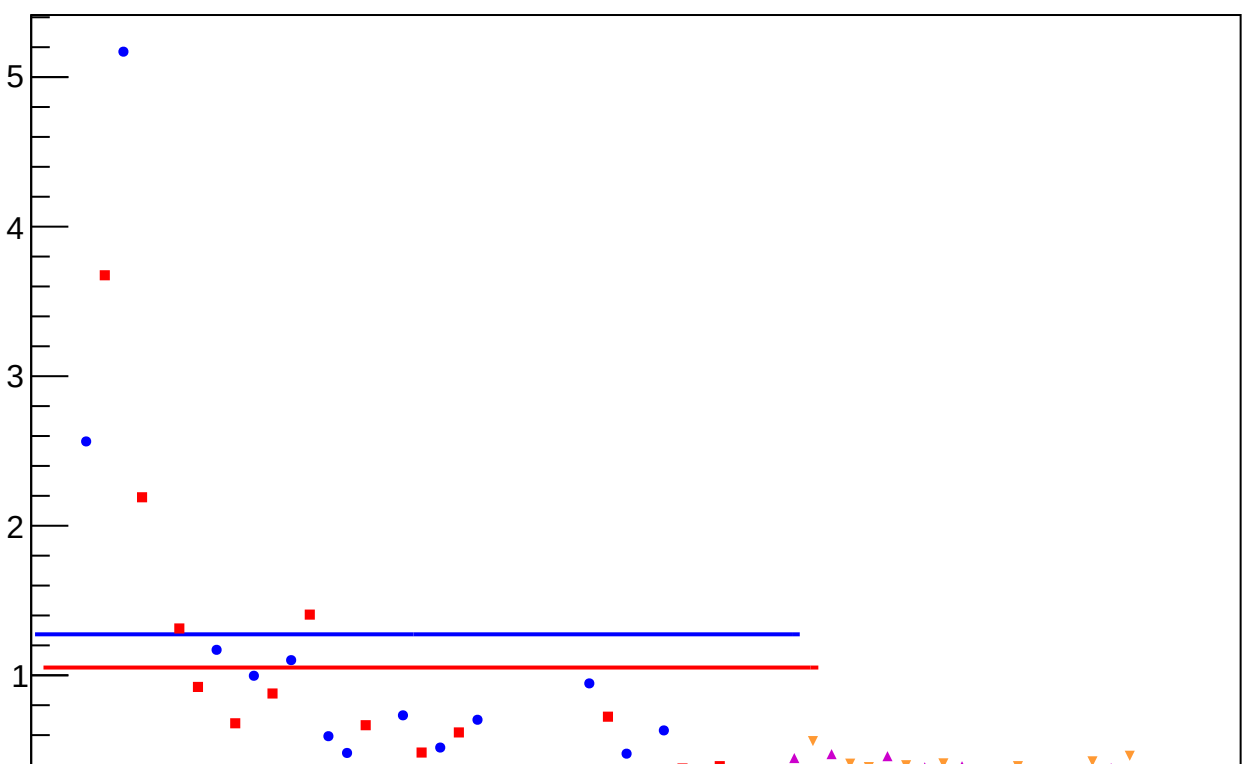
All: -19.782+/-0.000 χ^2/NDF: 284511592850

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -19.637+/-0.000 χ^2/NDF: 1539423306551337

Left In: -20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.384+/-0.000 χ^2/NDF:58223220290785982682601294397 44.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

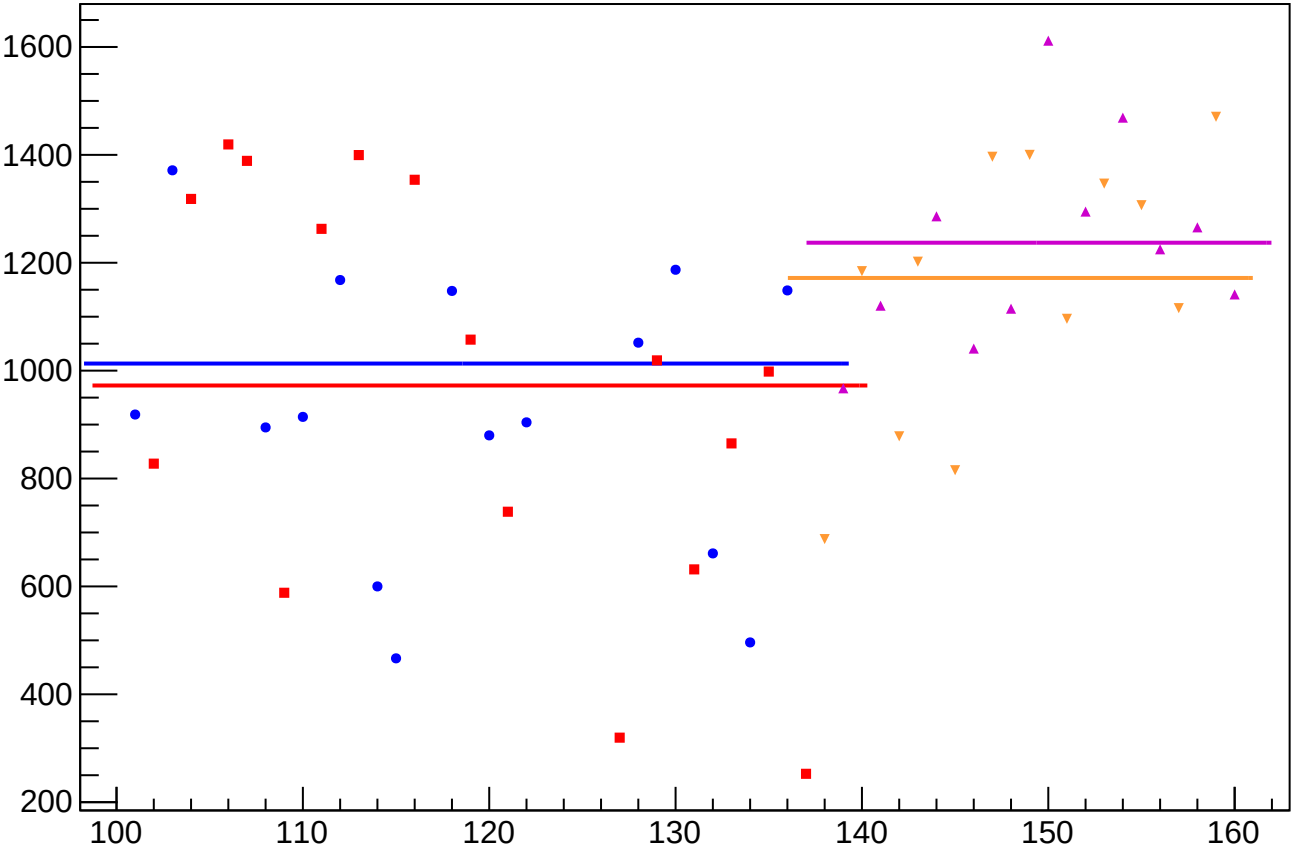
Left In: 0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

+ sign 0.754+/-0.000 χ^2/NDF: 1518228086882446 8

All: 0.704+/-0.000 χ^2/NDF: 2317786361226 1

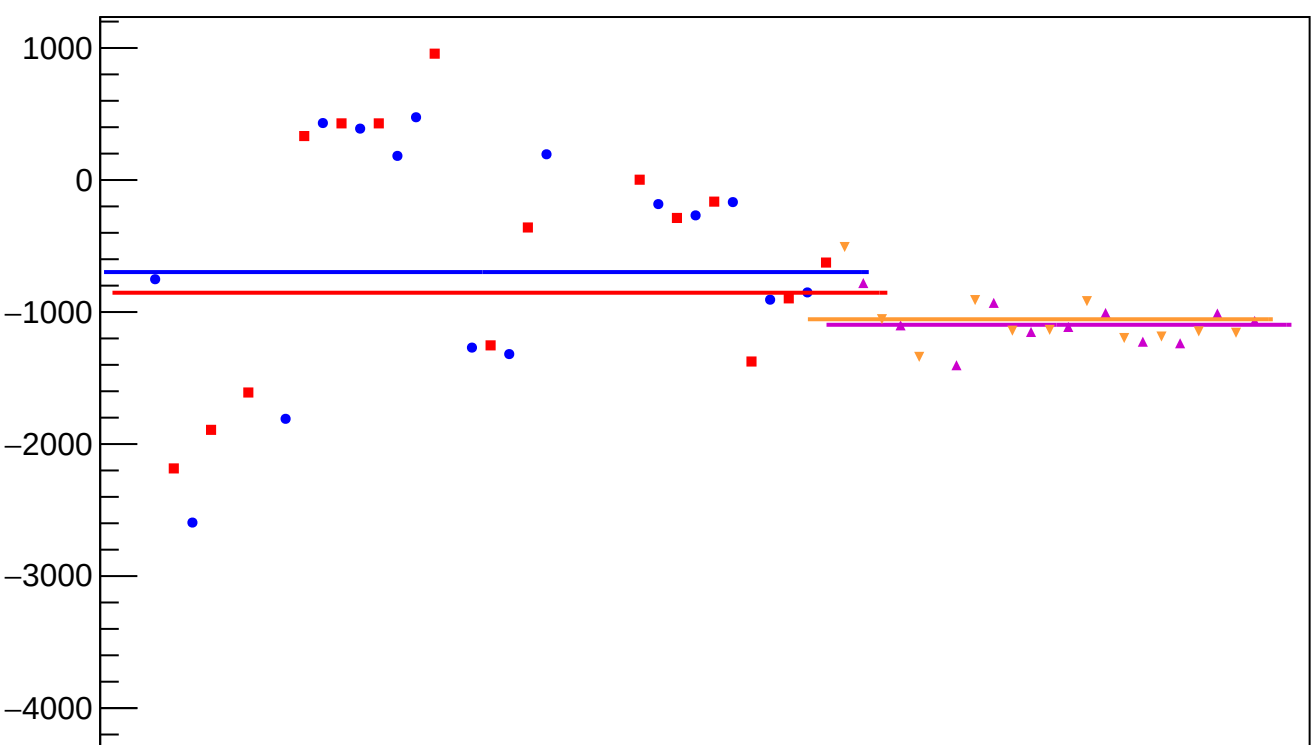
- sign 0.655+/-0.000 χ^2/NDF: 7919391626882888 1

dit_4eY_coil6_Ndata_mean vs Slug



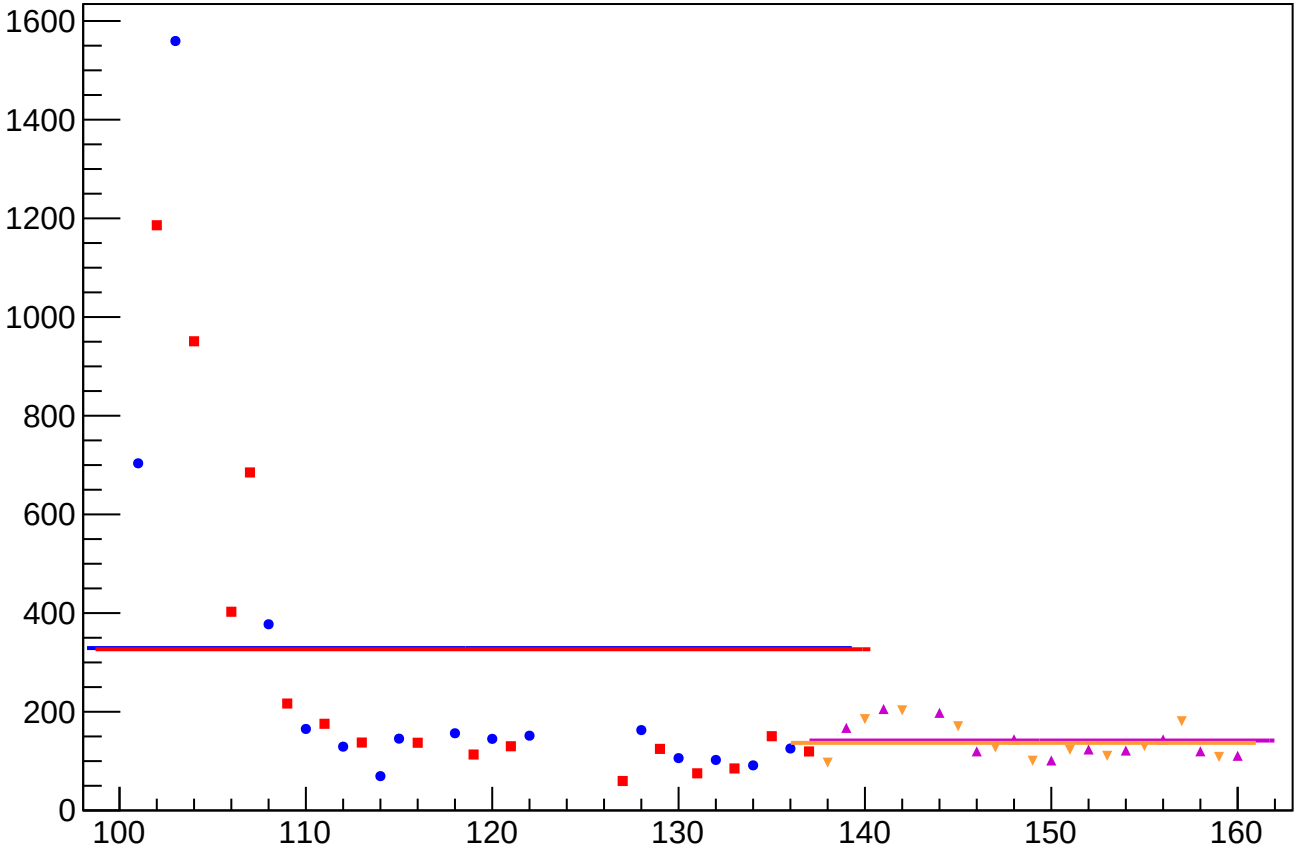
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -899.630+/-0.000 χ^2/NDF: 57326318903301
Left Out: -1054.675+/-0.000 χ^2/NDF:358934145617512898310280045358051491 84.0/10
All: -948.643+/-0.000 χ^2/NDF: 17048438468
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15
- sign -994.729+/-0.000 χ^2/NDF: 112460764695899
Left In: -1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579 27424.0/10

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 220.348+/-0.000 χ^2/NDF: 131437286987264

Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10

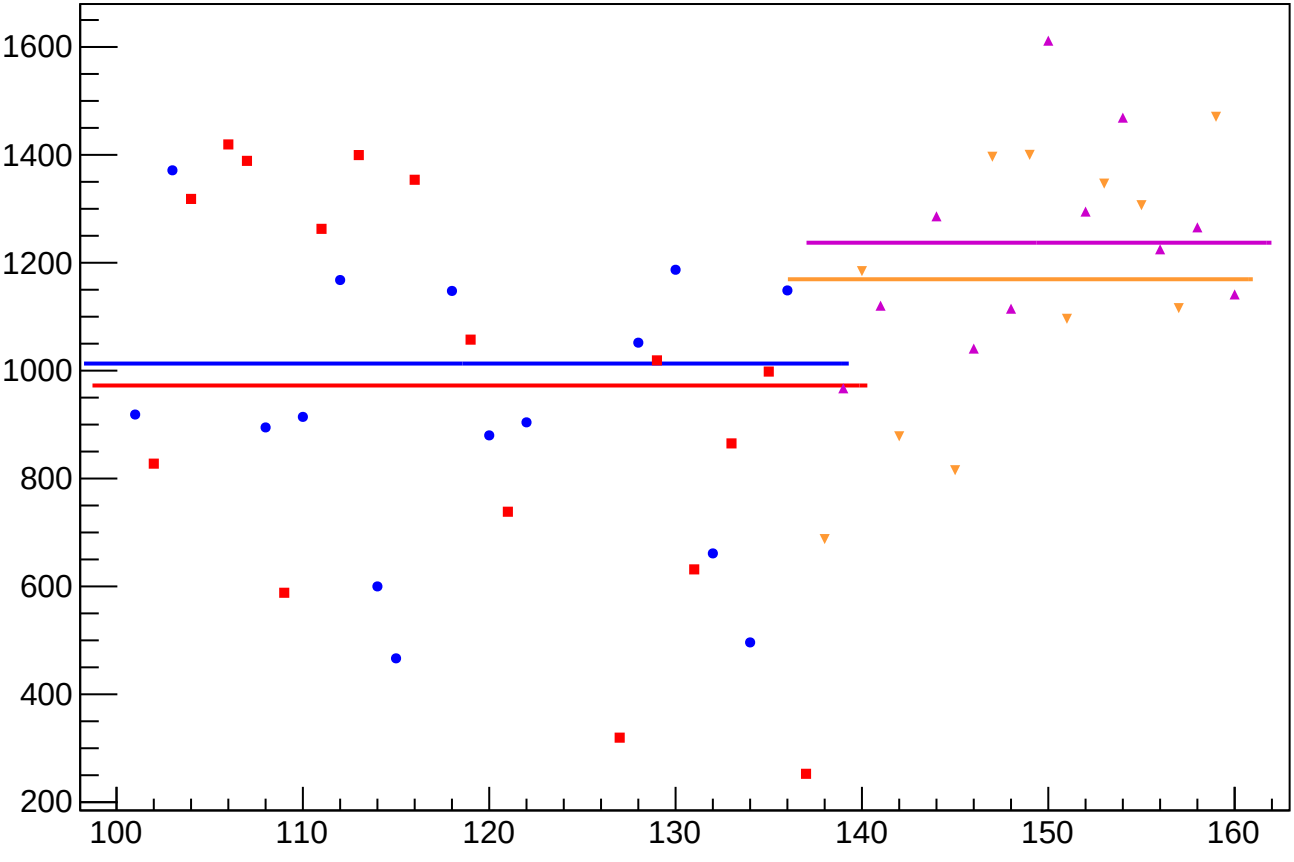
All: 219.782+/-0.000 χ^2/NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

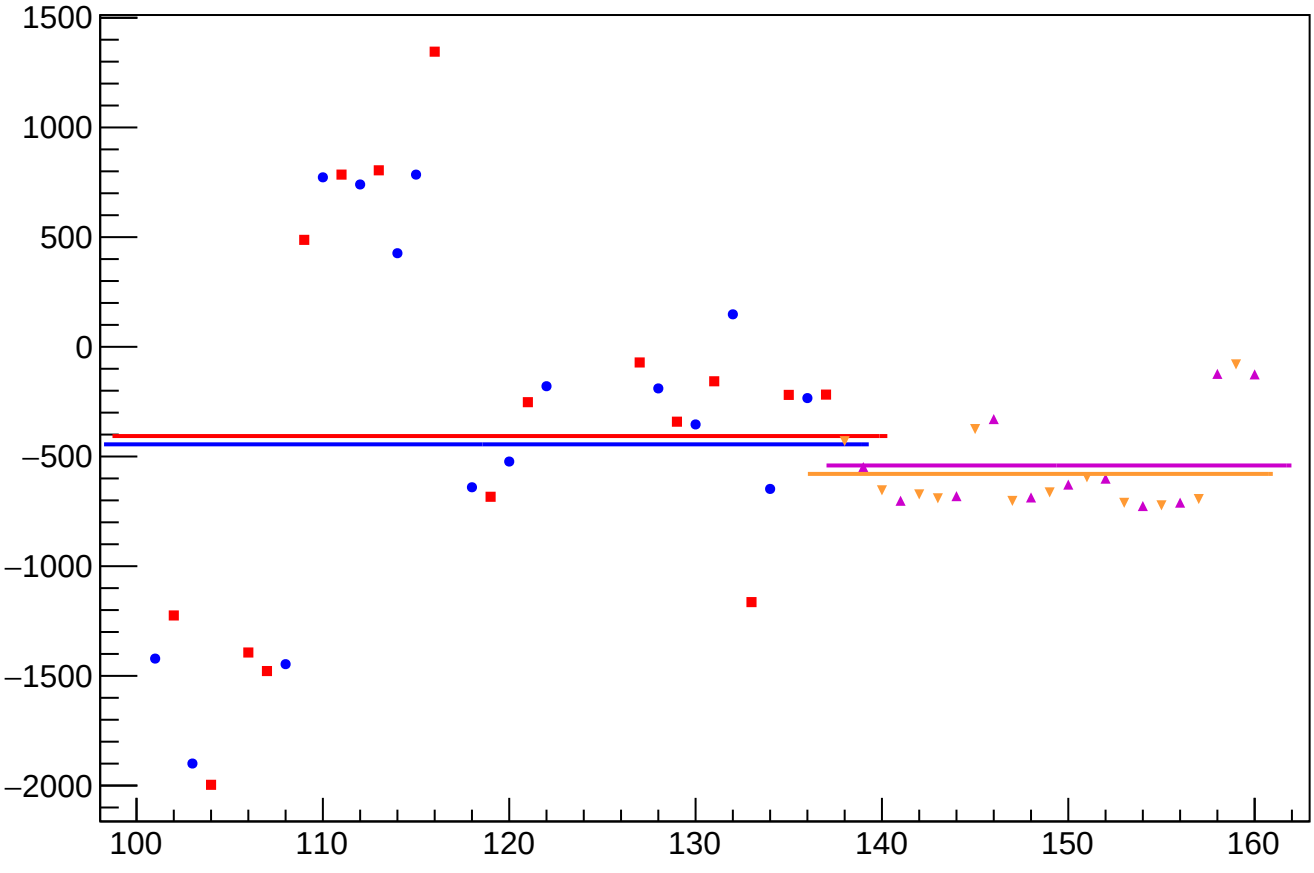
Left In: 141.688+/-0.000 χ^2/NDF:104488240805784919408142413060059955 2.0/10

dit_usl_coil6_Ndata_mean vs Slug



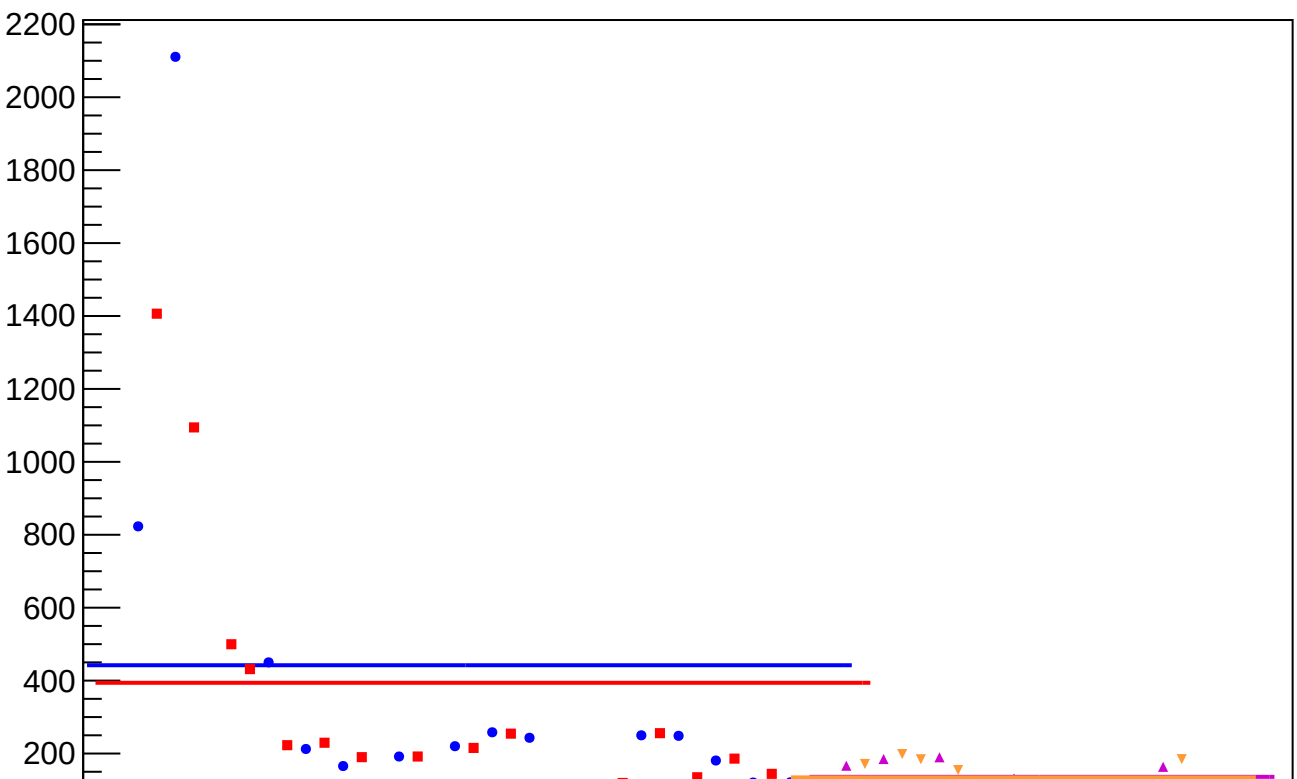
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1101.625+/-0.000 χ^2/NDF: 9305398859829 5
Left Out: 1169.420+/-0.000 χ^2/NDF:5235905852848421215297581793055395 0208.0/10
All: 1114.283+/-0.000 χ^2/NDF: 2298656455 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14
+ sign -523.316+/-0.000 χ^2/NDF: 43595864947593
Left Out: -579.272+/-0.000 χ^2/NDF:3258458152452886094159559740704266649 6.0/11
All: -503.795+/-0.000 χ^2/NDF: 10158993354
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15
- sign -484.617+/-0.000 χ^2/NDF: 57875992713105
Left In: -540.842+/-0.000 χ^2/NDF:4267019331749781791103036746636669747 2.0/10

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 262.286+/-0.000 χ^2/NDF: 241048188566854

Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11

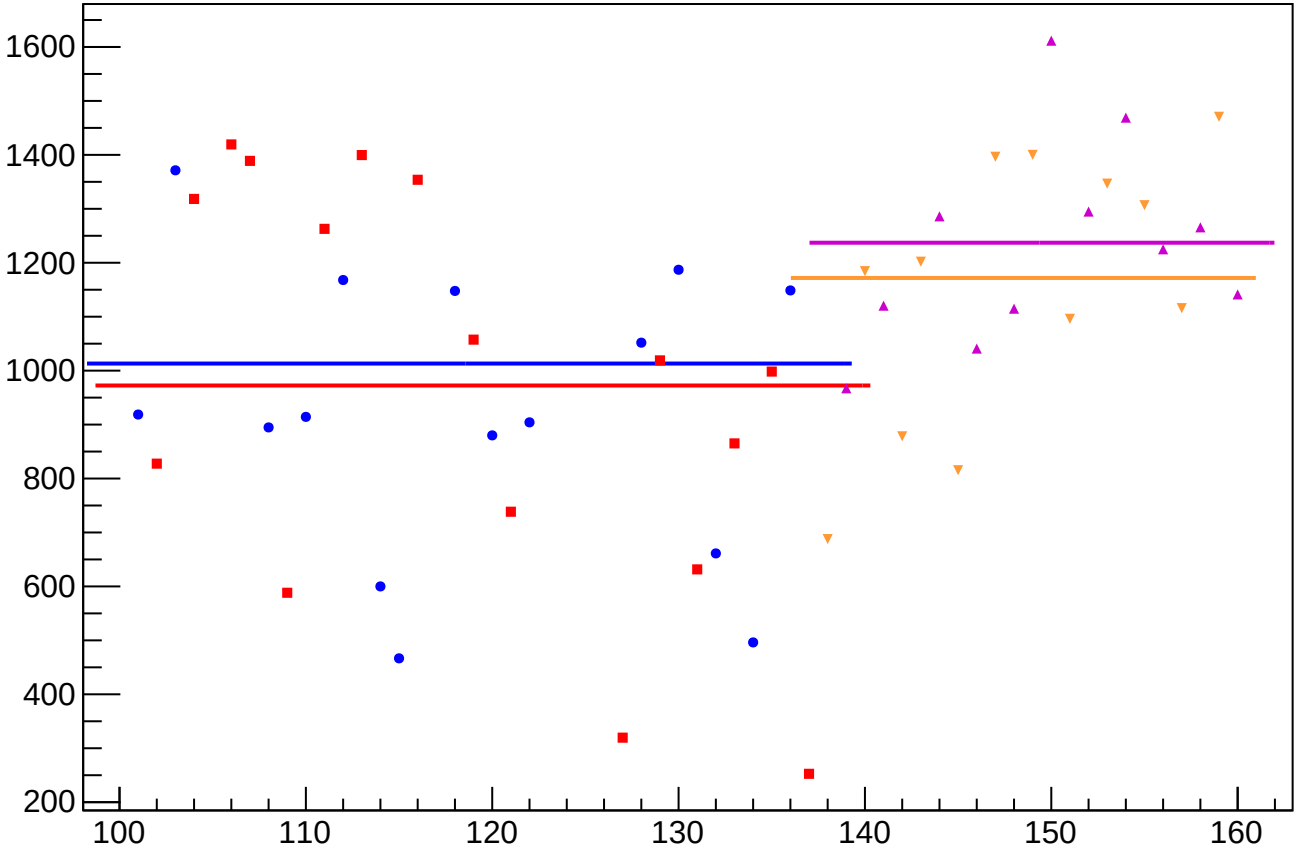
All: 253.162+/-0.000 χ^2/NDF: 37398353308

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

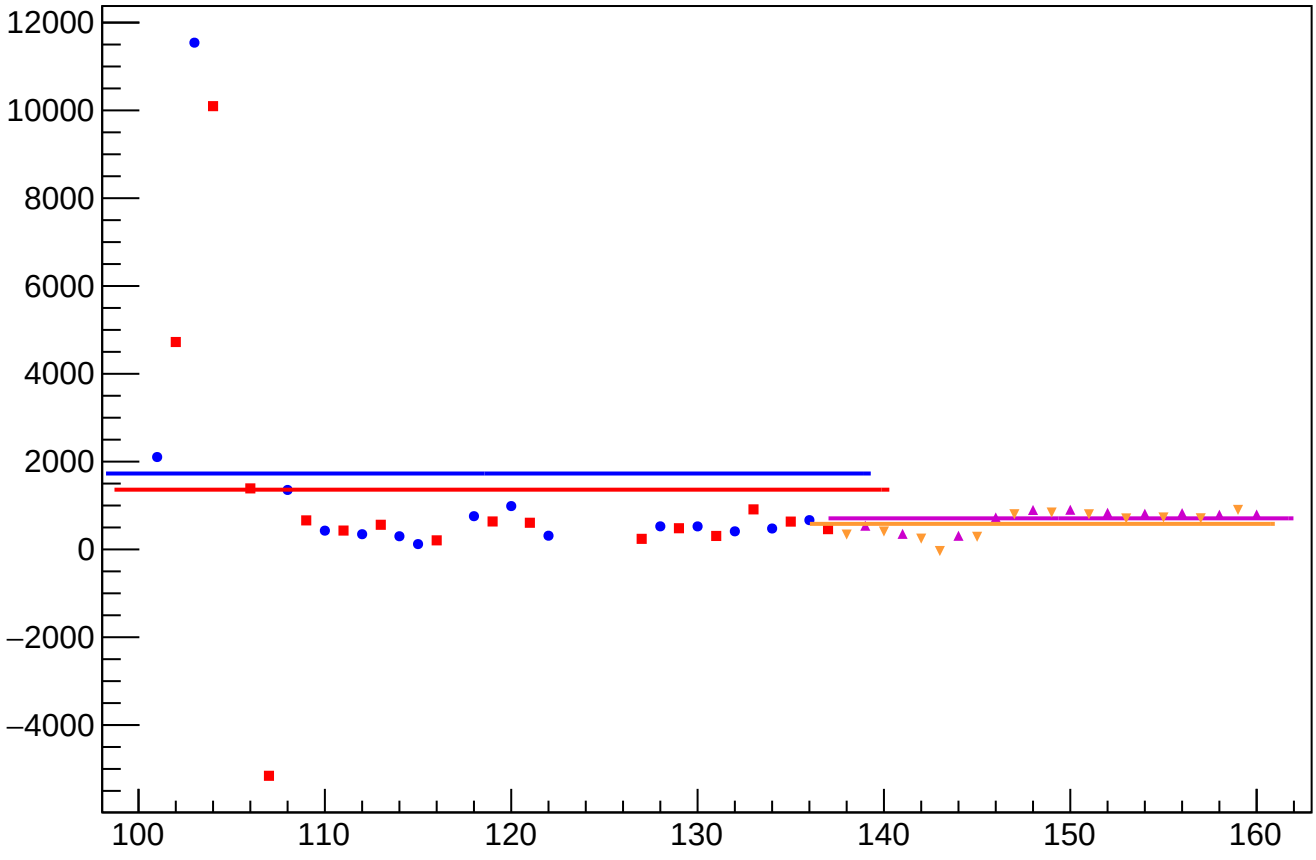
Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

dit_usr_coil6_Ndata_mean vs Slug



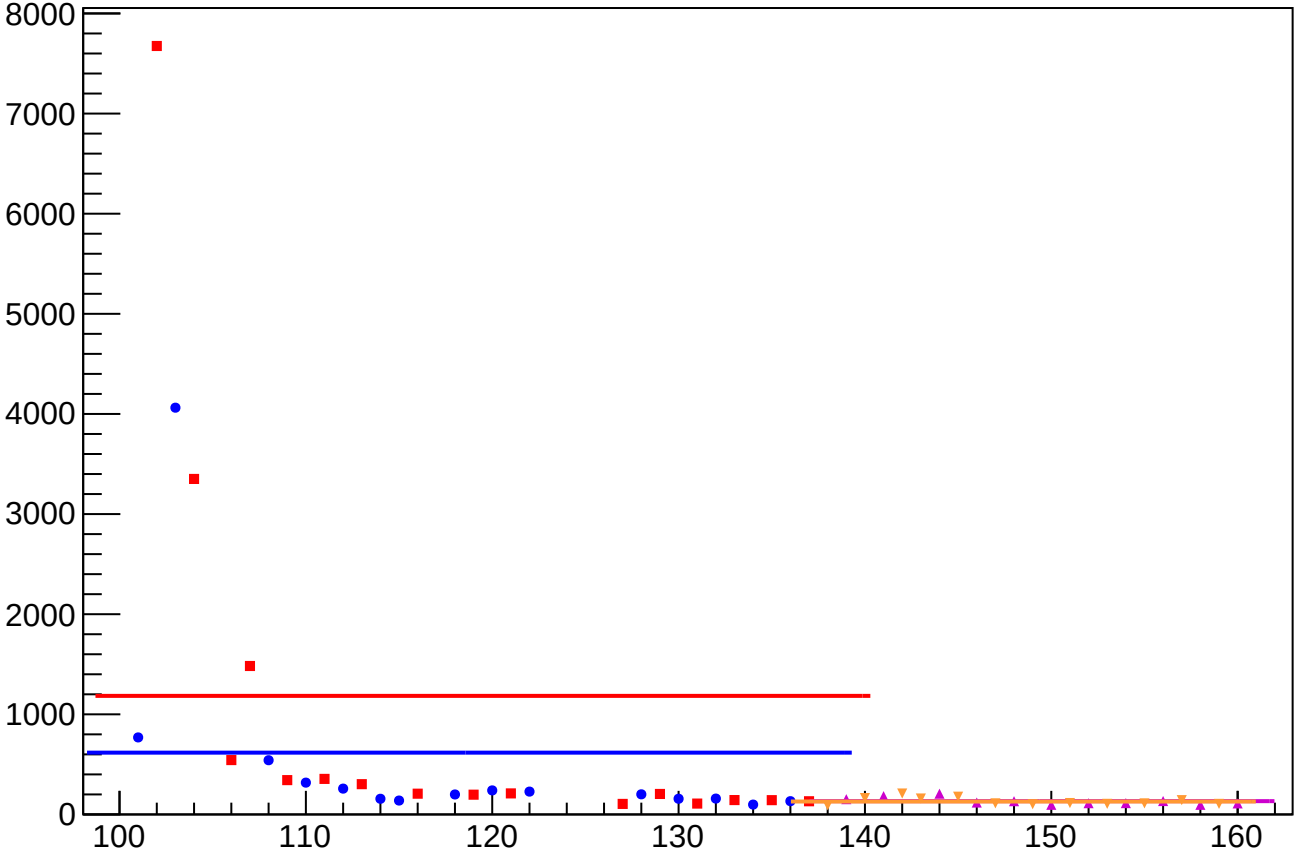
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atl1_coil6_mean vs Slug



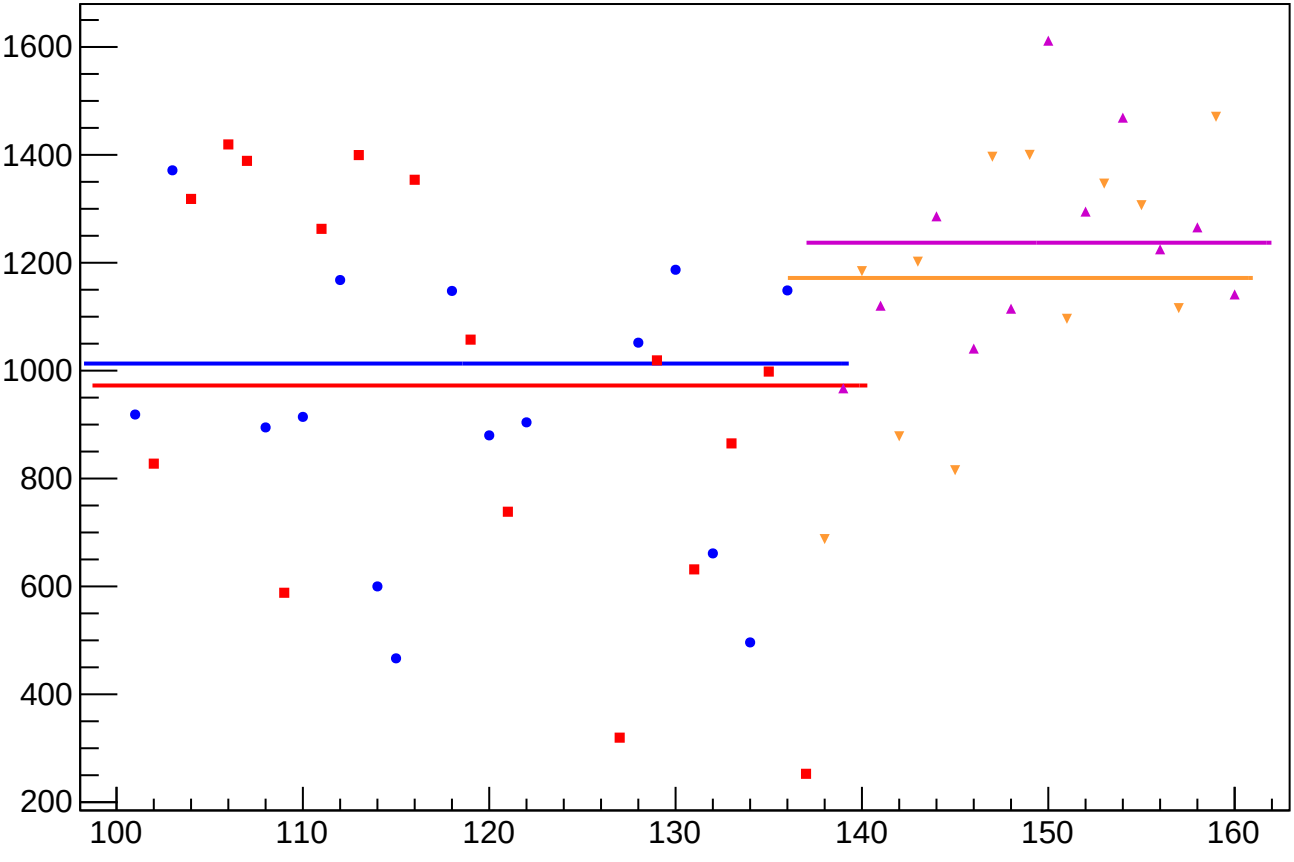
Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1058.360+/-0.000 χ^2/NDF: 69823808255157
Left Out: 582.152+/-0.000 χ^2/NDF:700837726478314861257329897688017141 76.0/11
All: 1019.669+/-0.000 χ^2/NDF: 1362193289 5
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 981.659+/-0.000 χ^2/NDF: 663491357929352
Left In: 707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

dit_atl1_coil6_err_mean vs Slug



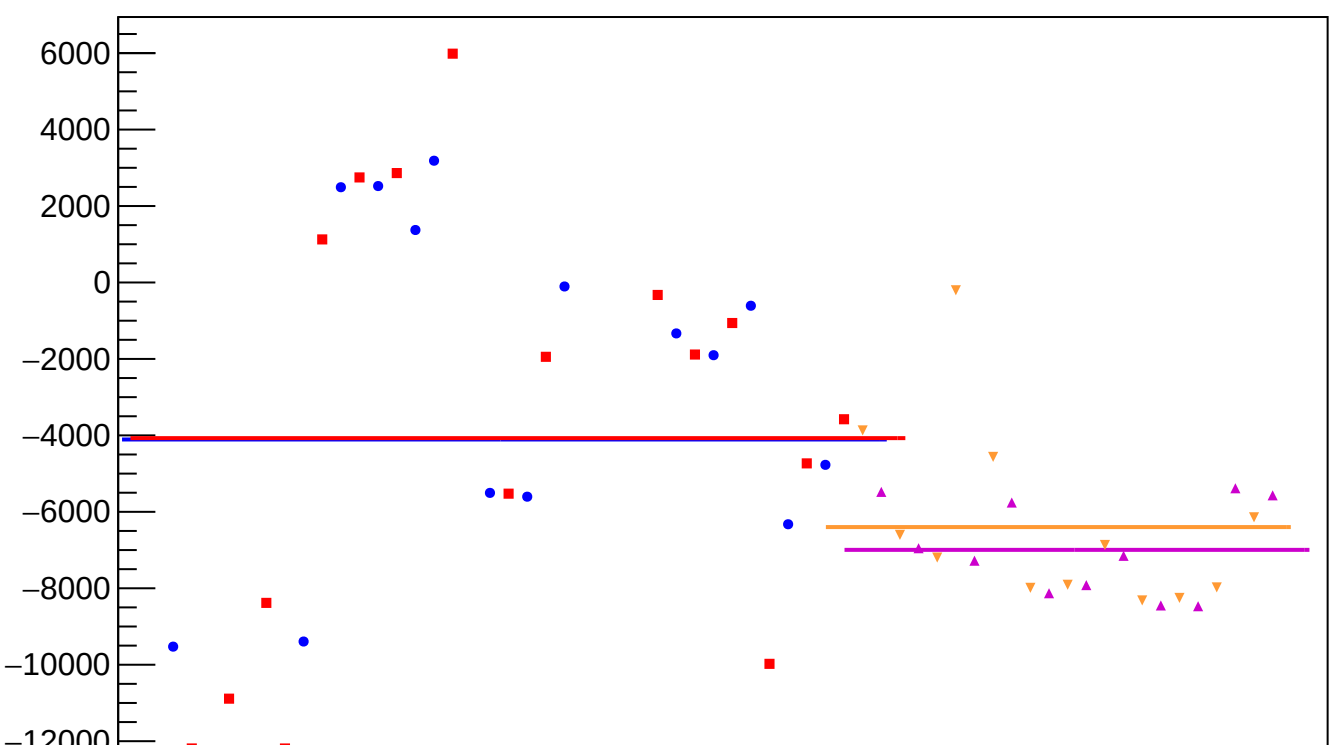
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 331.972+/-0.000 χ^2/NDF: 883734584018434
Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11
All: 453.895+/-0.000 χ^2/NDF: 45265690321 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 573.673+/-0.000 χ^2/NDF: 359677429953367
Left In: 132.869+/-0.000 χ^2/NDF:109183908566401411220146315571127910 4.0/10

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

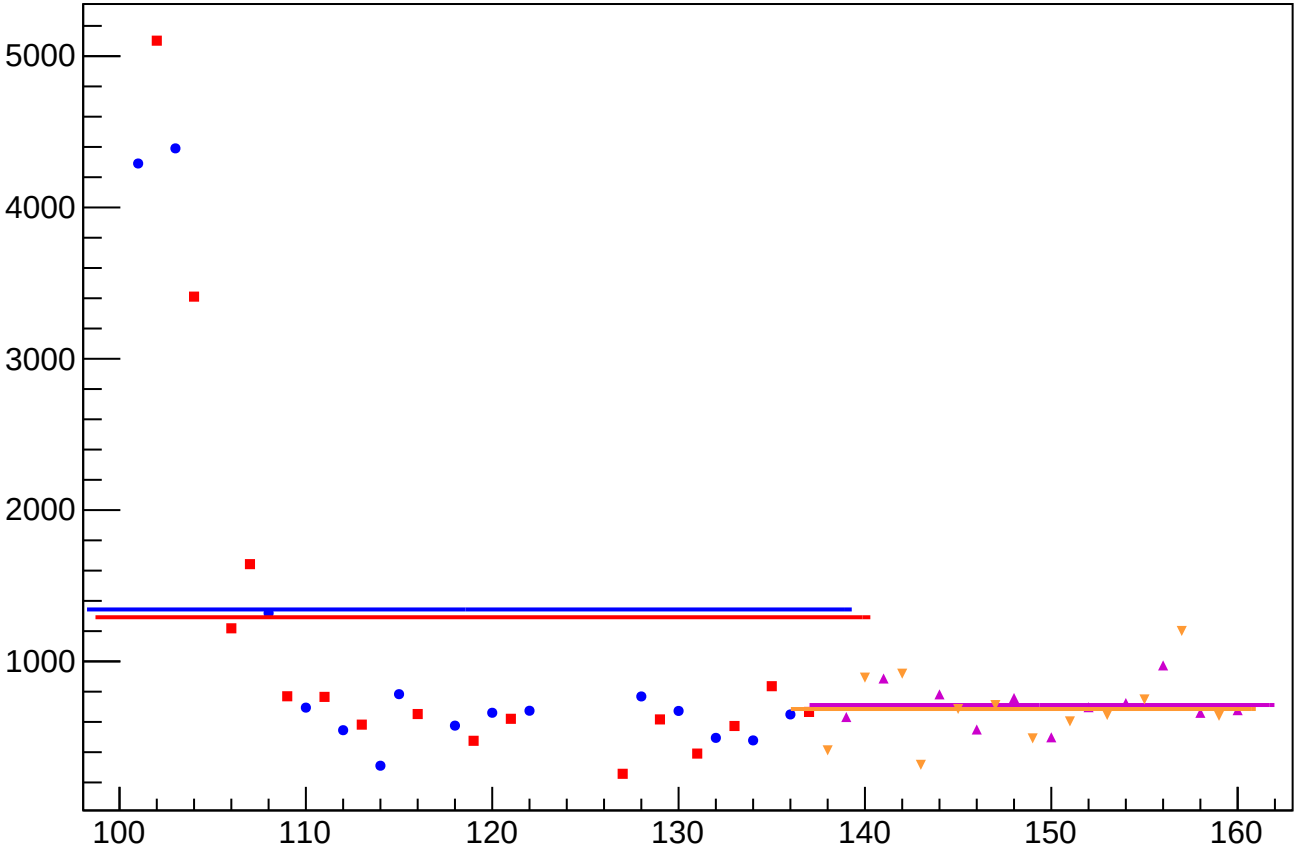
Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF: 2108050211497

All: -5609.905+/-0.000 χ^2/NDF: 4607018672

- sign -5769.523+/-0.000 χ^2/NDF: 2490788852952 8

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 958.532+/-0.000 χ^2/NDF: 152813586967555

Left Out: 685.307+/-0.000 χ^2/NDF:46333249080985813233742212153458294784.0/11

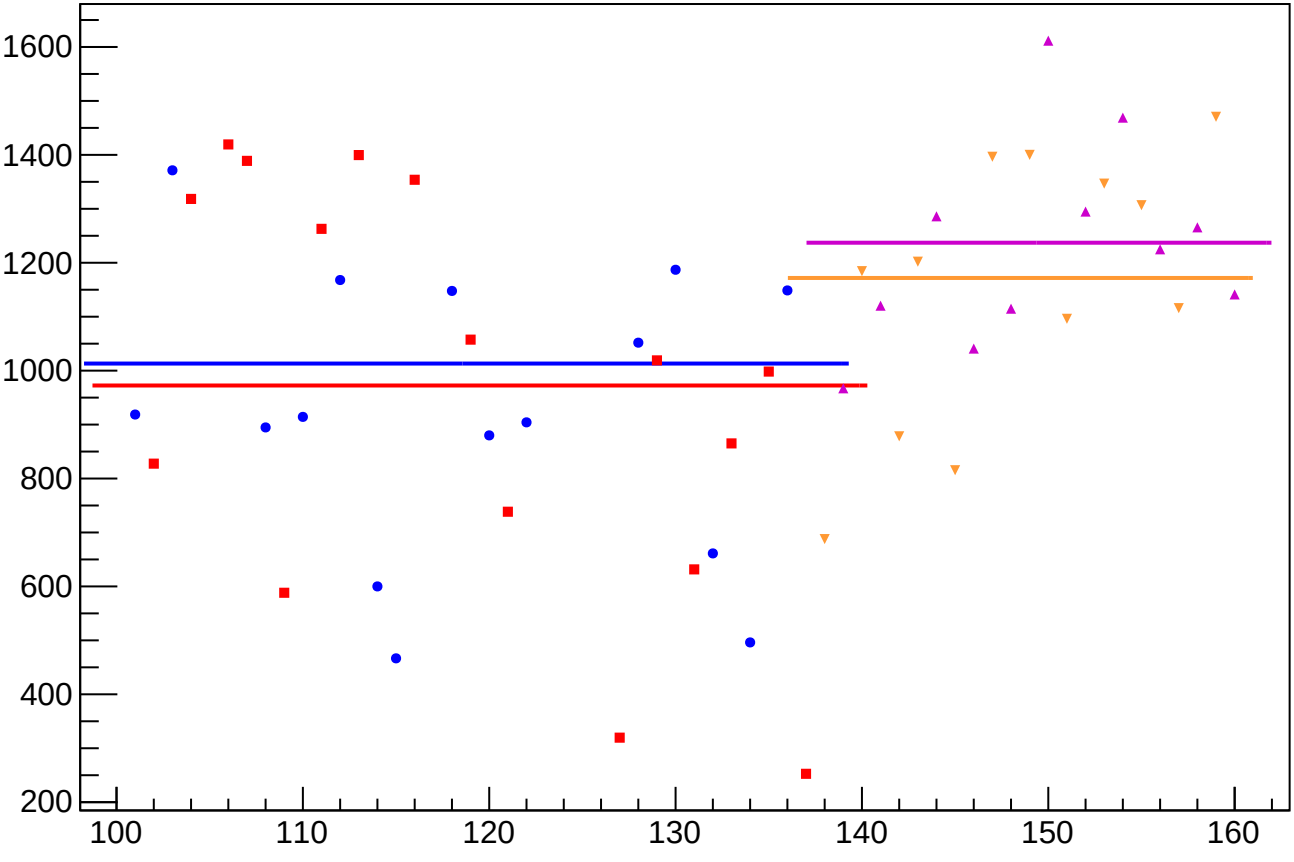
All: 956.706+/-0.000 χ^2/NDF: 299793196976

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

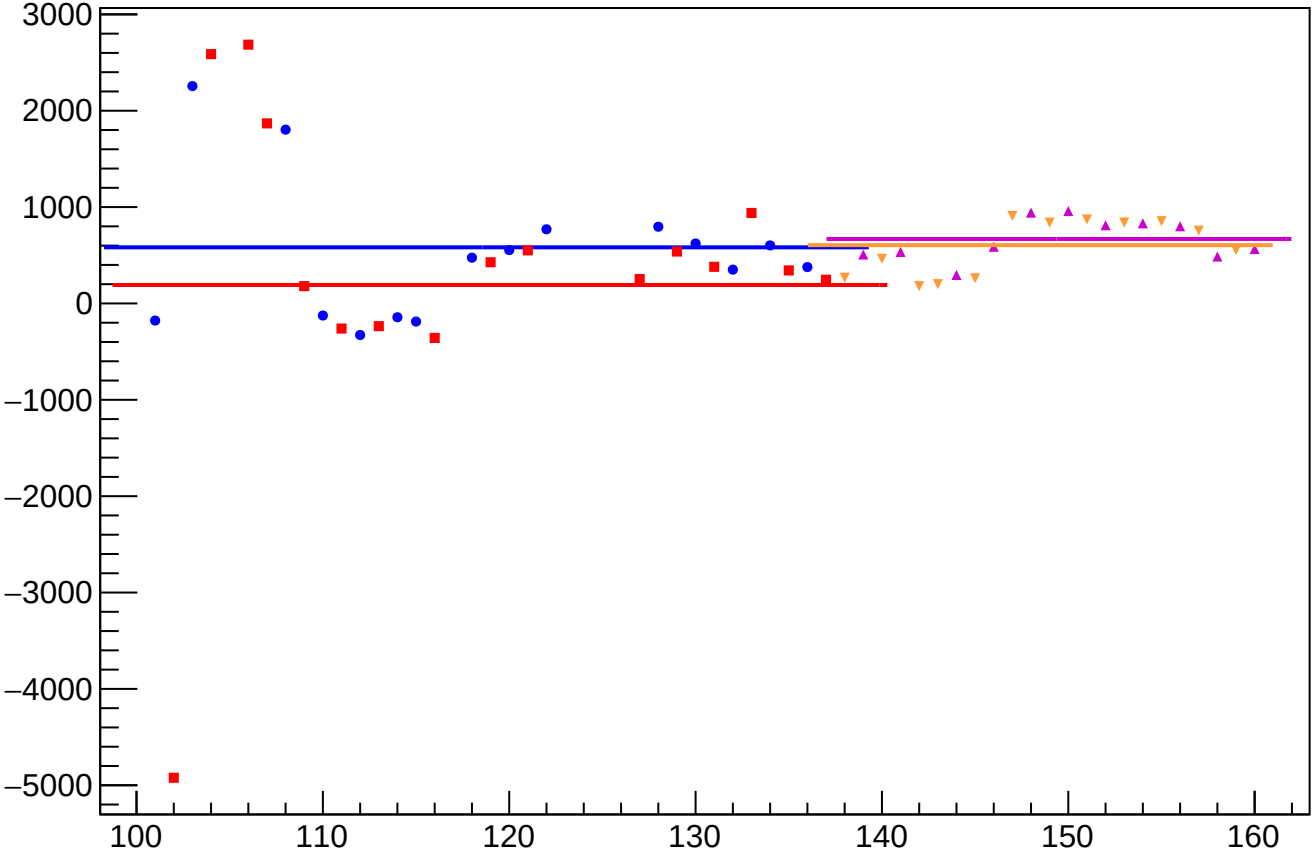
Left In: 711.726+/-0.000 χ^2/NDF:158734199795832073070684292470171238 40.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 595.655+/-0.000 χ^2/NDF: 406904373797989

Left Out: 605.074+/-0.000 χ^2/NDF:679125152454461967299371308827059159 04.0/11

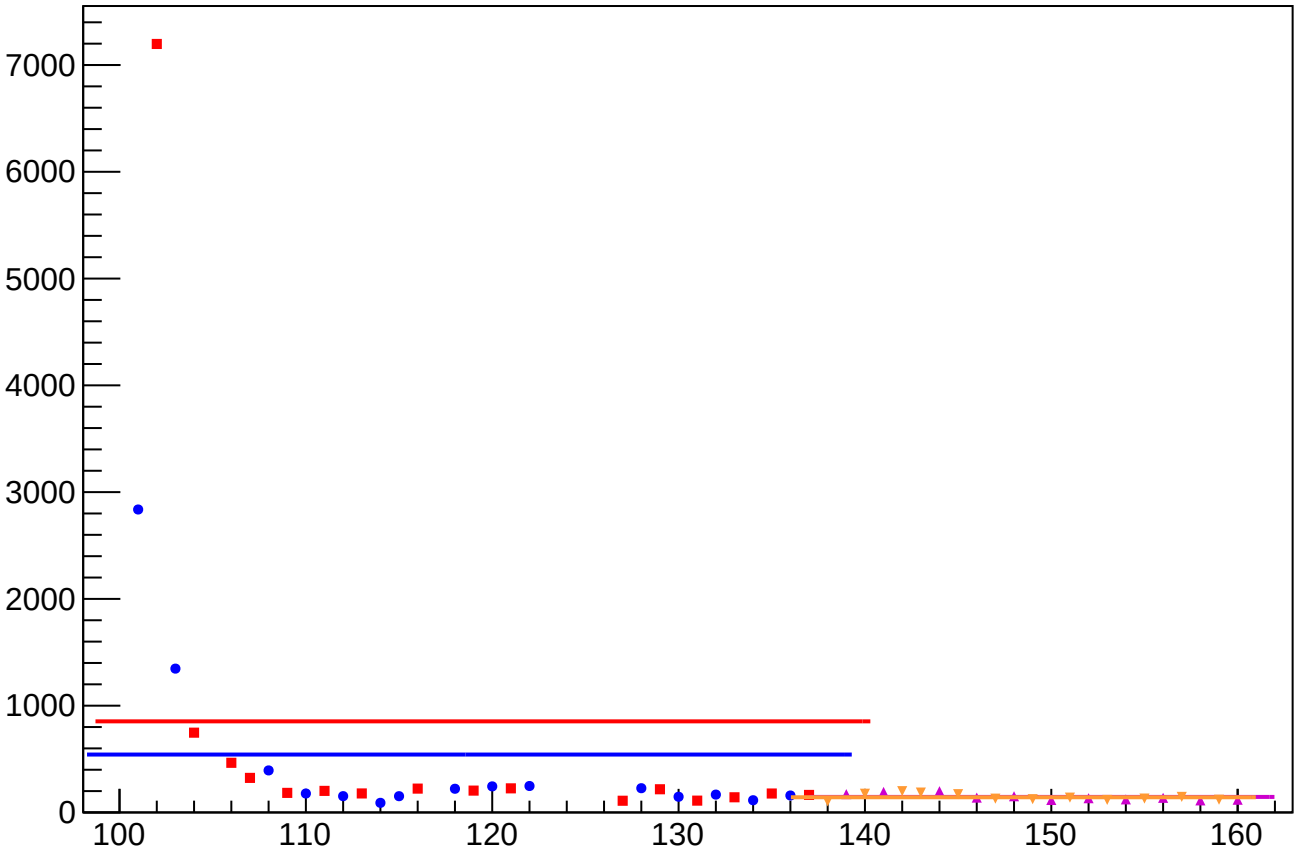
All: 531.737+/-0.000 χ^2/NDF: 27161550392 5

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 468.943+/-0.000 χ^2/NDF: 229659160910176

Left In: 669.155+/-0.000 χ^2/NDF:394811952405636172538422305226164797 44.0/10

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 308.422+/-0.000 χ^2/NDF: 475799684039922

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

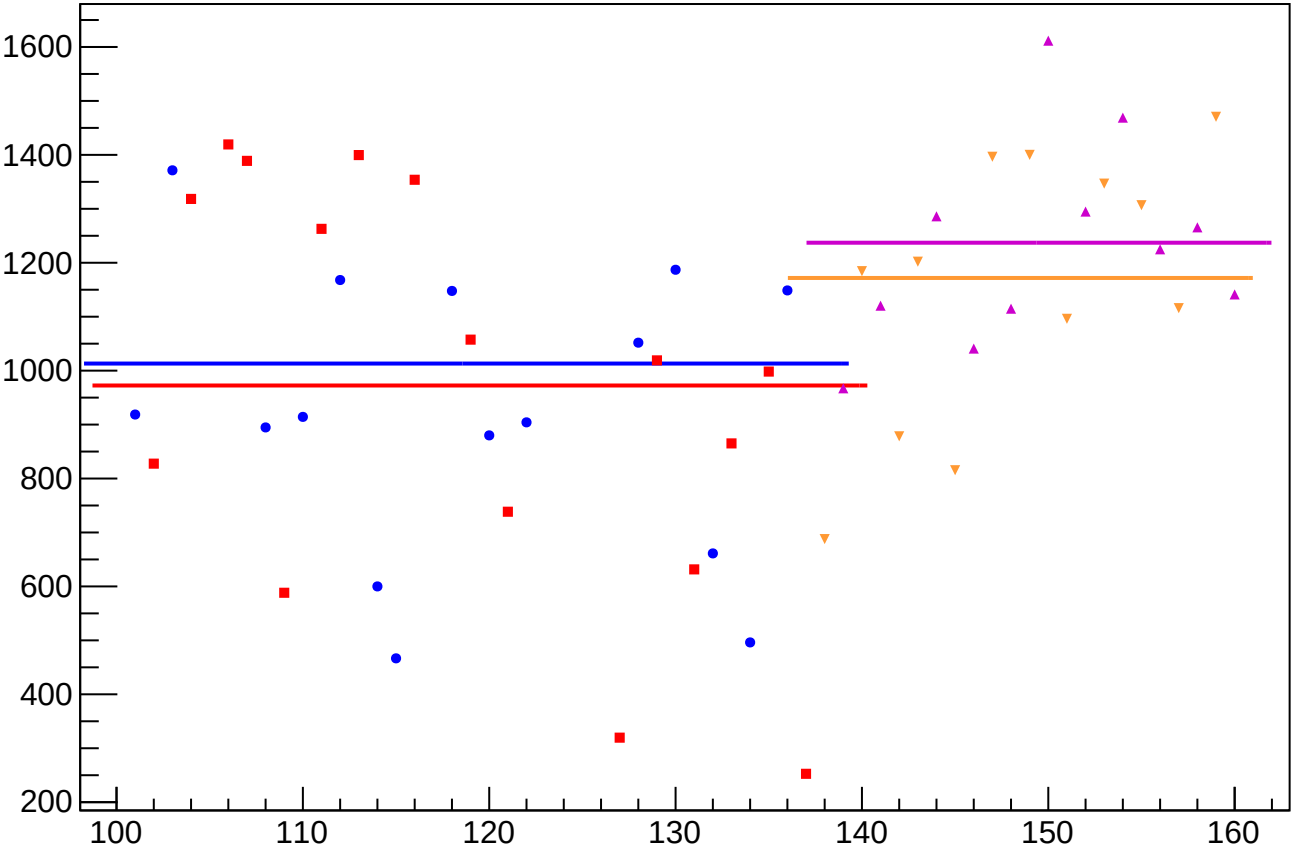
All: 375.901+/-0.000 χ^2/NDF: 325877888055

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 442.194+/-0.000 χ^2/NDF: 276887014570090

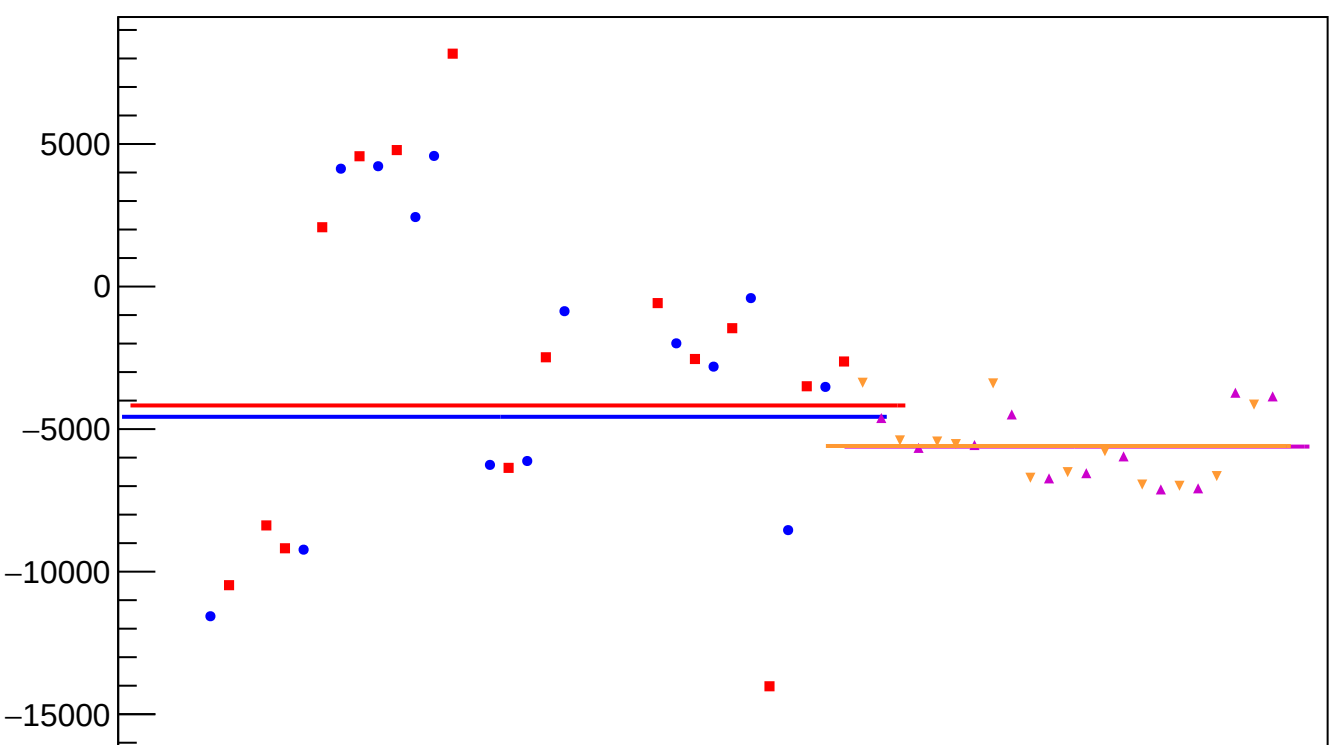
Left In: 145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



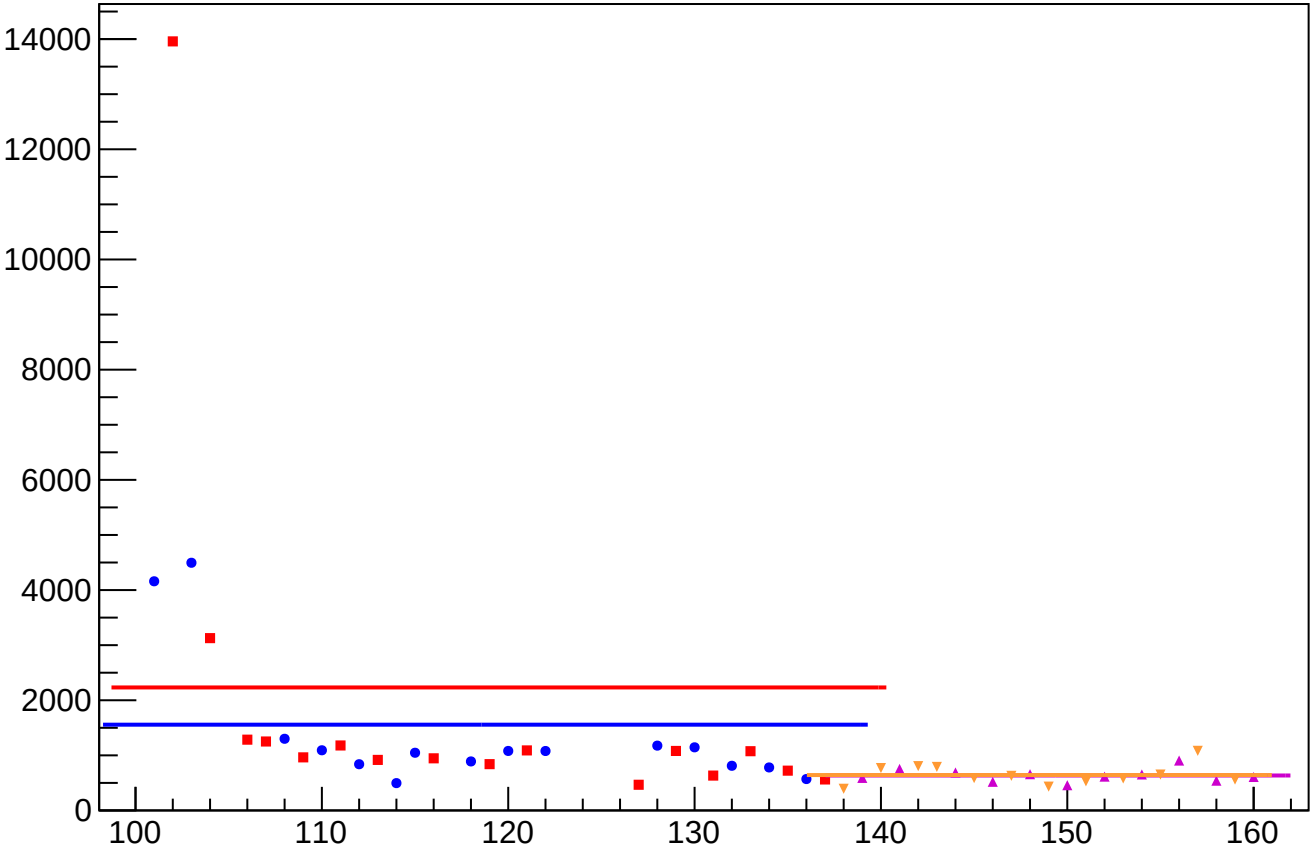
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr2_coil6_mean vs Slug



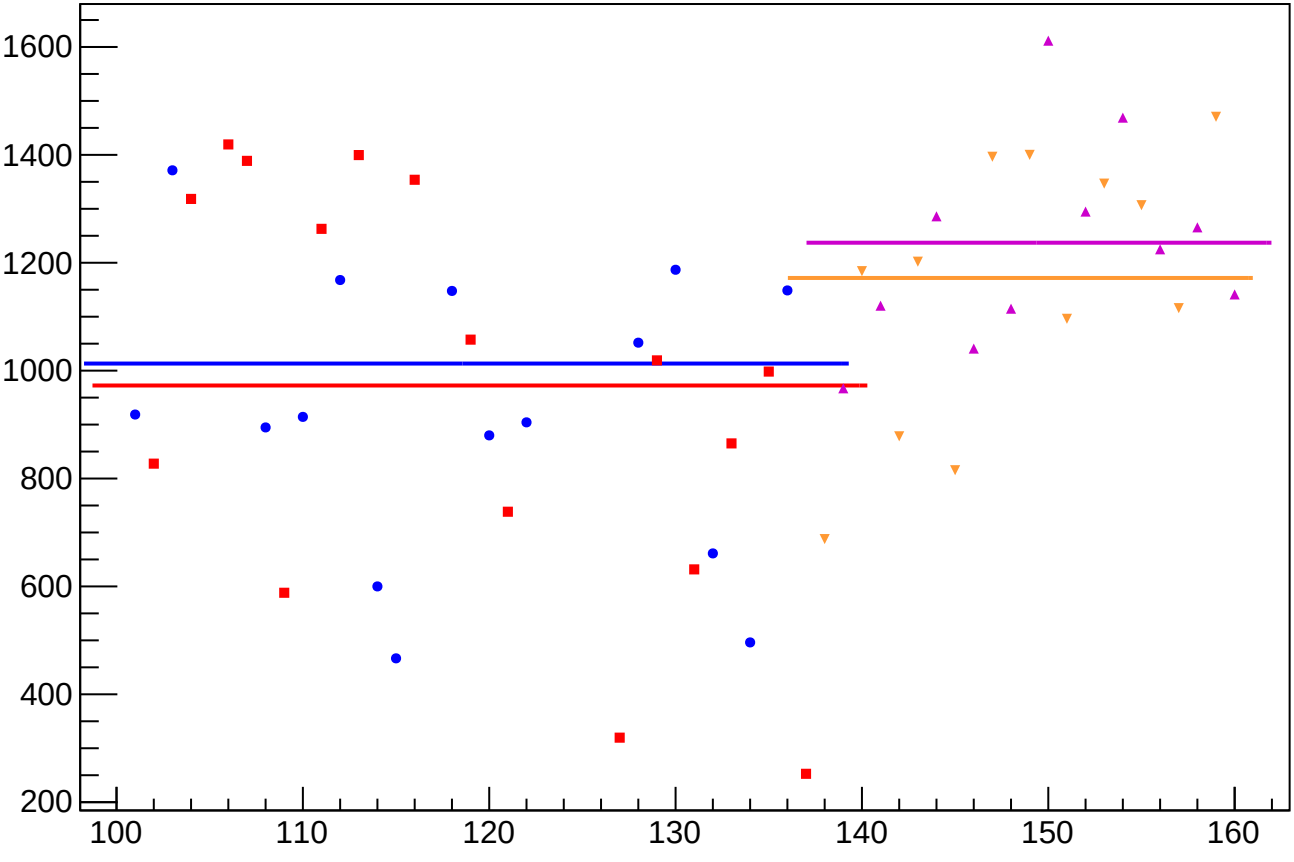
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5167.140+/-0.000 χ^2/NDF: 2609556026190
Left Out: -5592.357+/-0.000 χ^2/NDF:1502507998590915650067934753088681803776.0/11
All: -5087.057+/-0.000 χ^2/NDF: 5916065819
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -5008.384+/-0.000 χ^2/NDF: 3304522674427 4
Left In: -5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1022.208+/-0.000 χ^2/NDF: 14864291079277
Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11
All: 1164.597+/-0.000 χ^2/NDF: 1154109459 3
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
- sign 1304.479+/-0.000 χ^2/NDF: 99918451960380
Left In: 634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

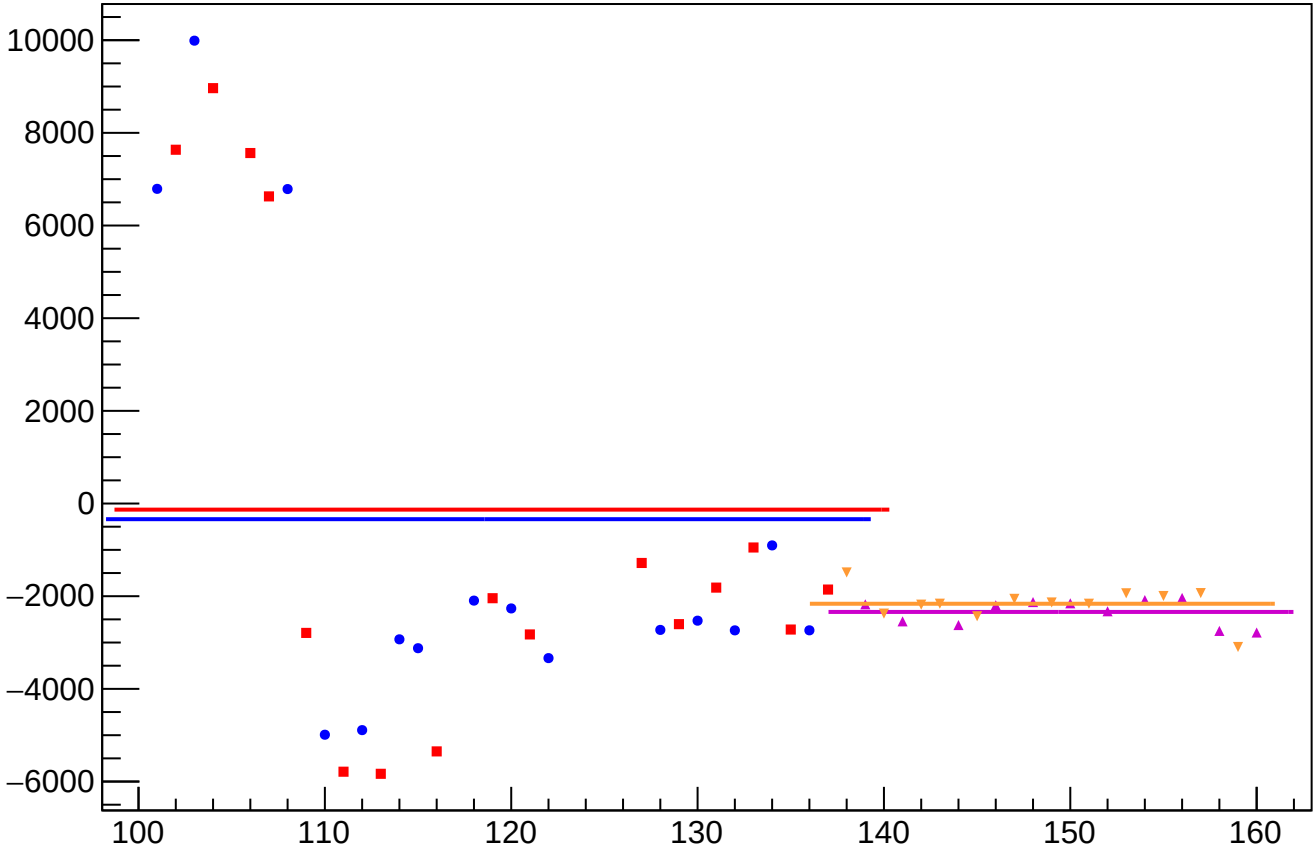
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

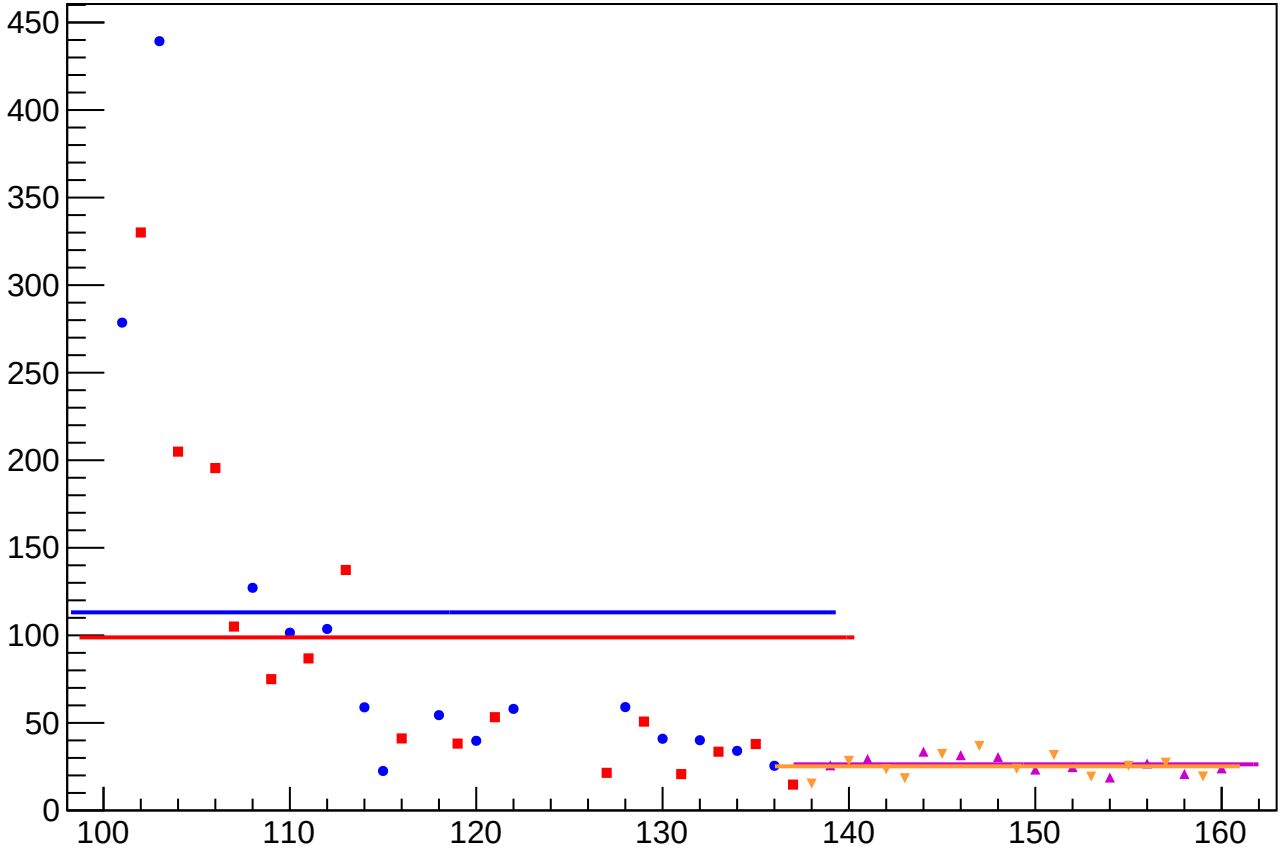
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
+ sign -1405.071+/-0.000 χ^2/NDF: 1654286779746
Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11
All: -1409.541+/-0.000 χ^2/NDF: 3496770485
Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15
- sign -1413.933+/-0.000 χ^2/NDF: 1842477513816 0
Left In: -2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 61.715+/-0.000 χ^2/NDF: 1295926094815427

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

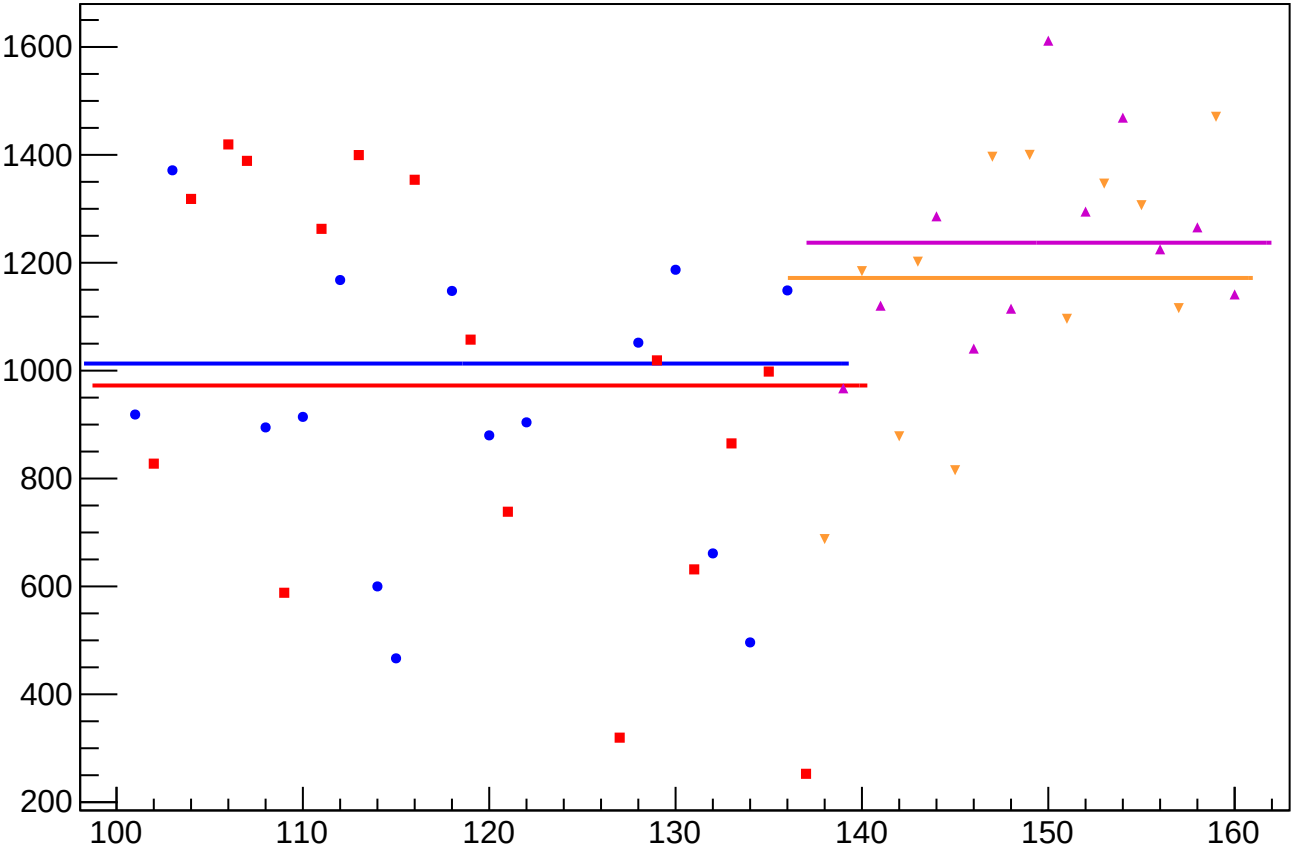
All: 59.198+/-0.000 χ^2/NDF: 205436551836 9

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

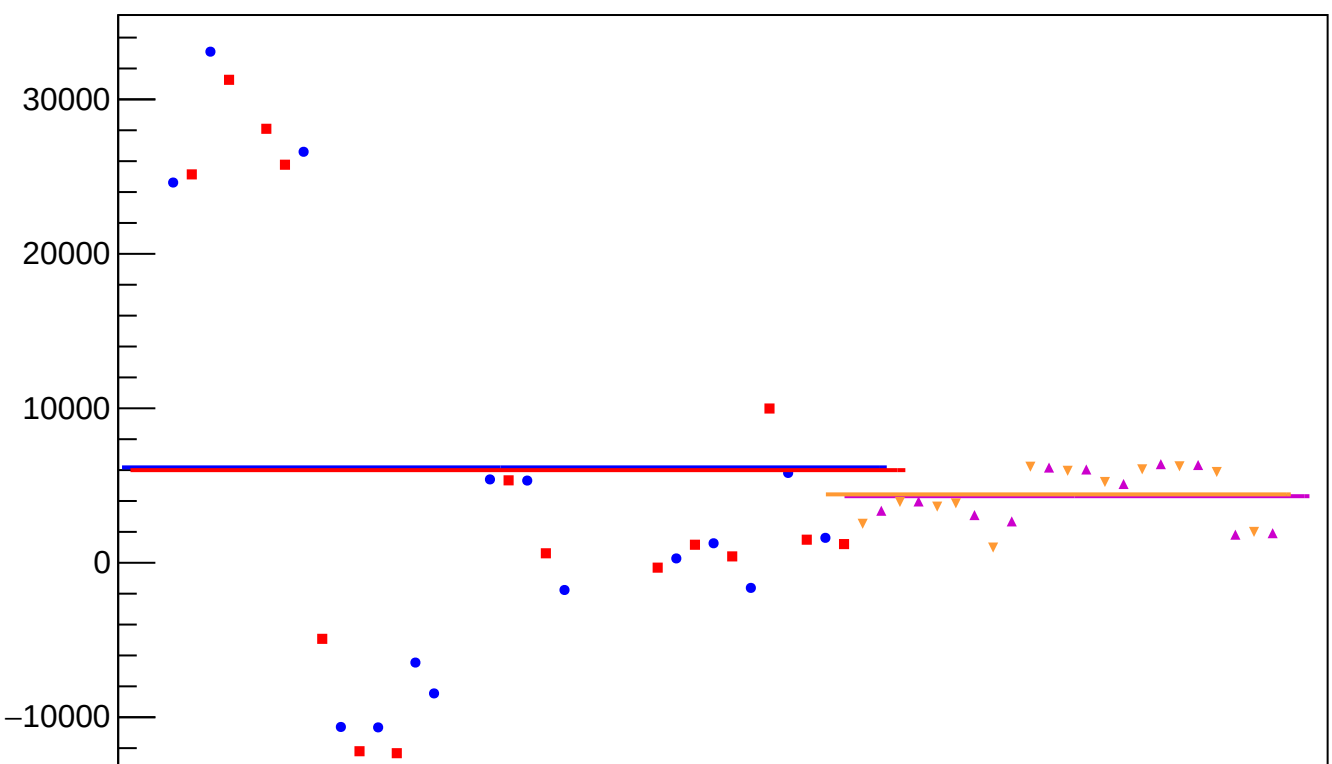
Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



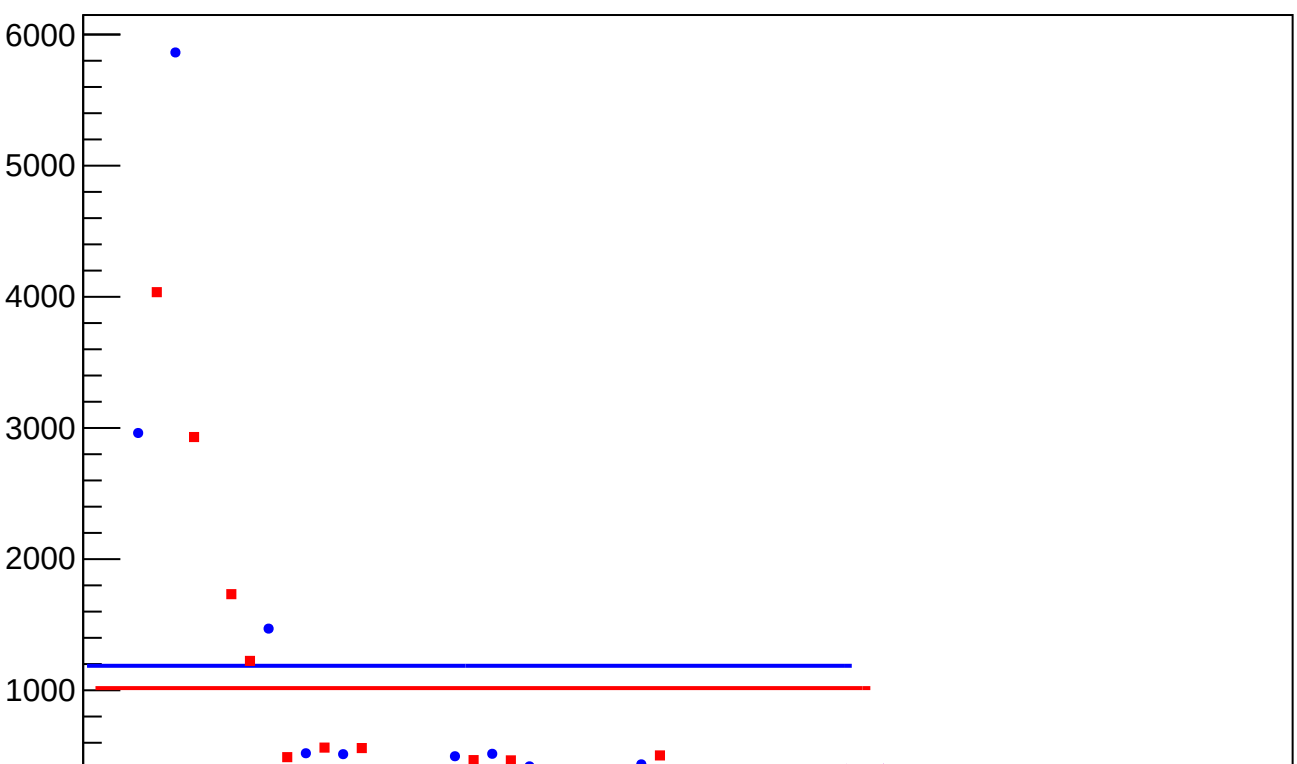
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5153.665+/-0.000 χ^2/NDF: 12131982747999
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
All: 5084.951+/-0.000 χ^2/NDF: 2621808005 2
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5017.446+/-0.000 χ^2/NDF: 14084634301440
Left In: 4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 643.246+/-0.000 χ^2/NDF: 212720083388662

Left Out: 257.255+/-0.000 χ^2/NDF:278125360146566915786368724948431667 2.0/11

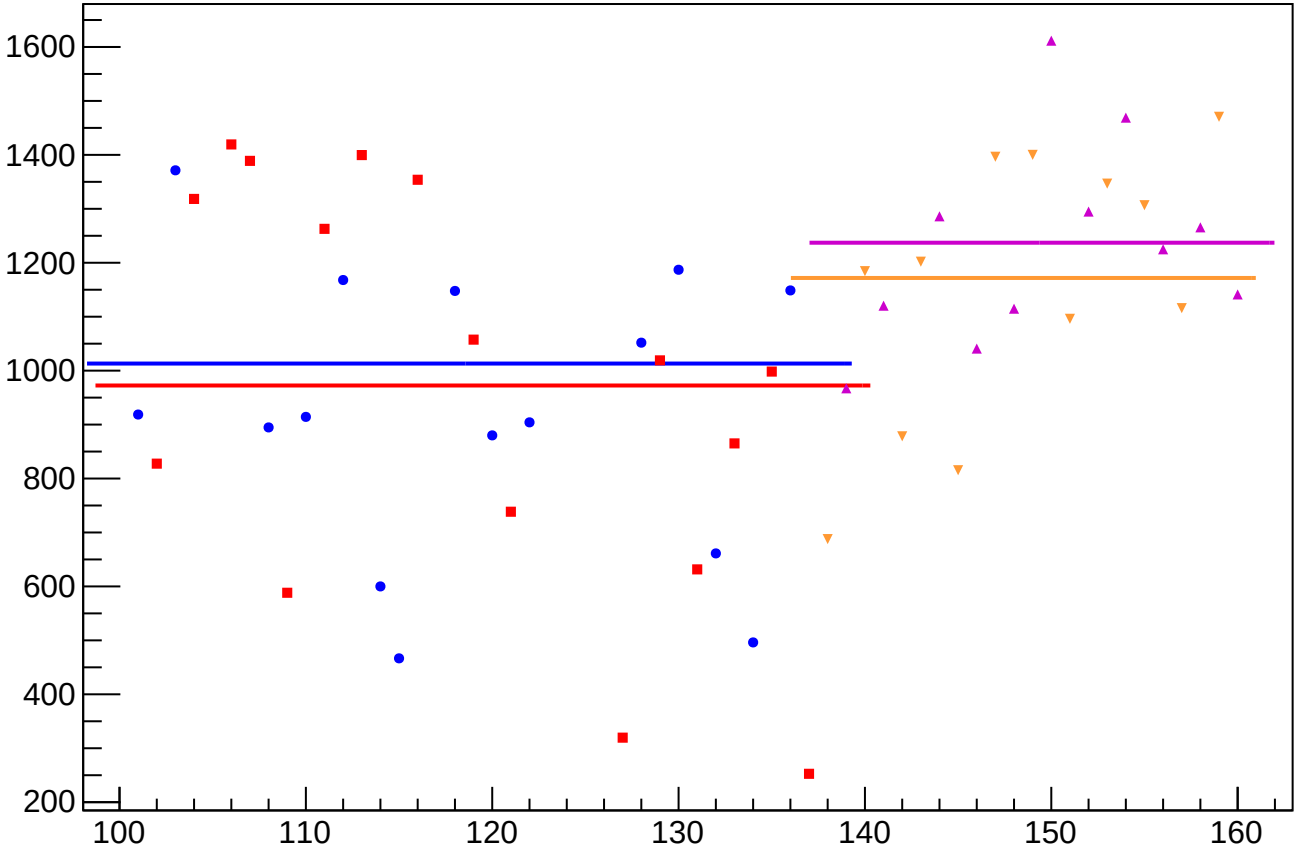
All: 612.442+/-0.000 χ^2/NDF: 328051716192

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

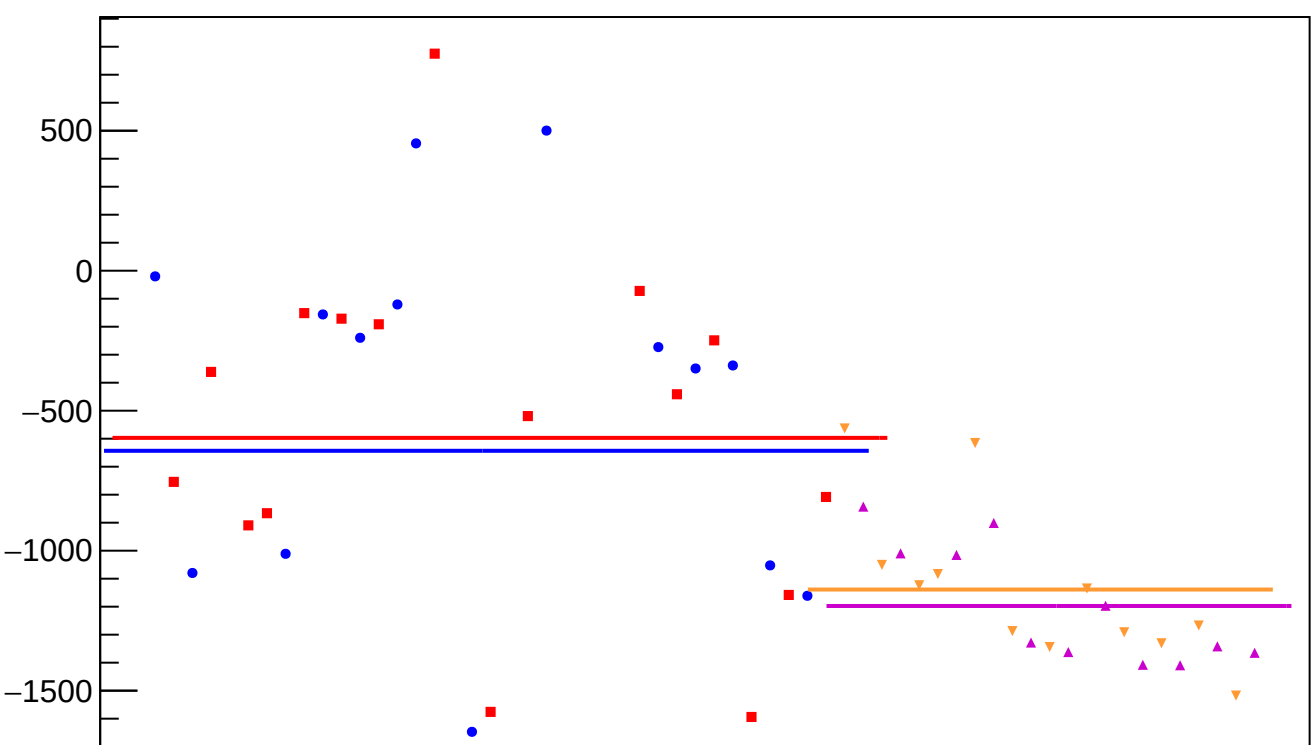
Left In: 268.493+/-0.000 χ^2/NDF:585573497570654782355660796638684774 4.0/10

dit_sam2_coil6_Ndata_mean vs Slug



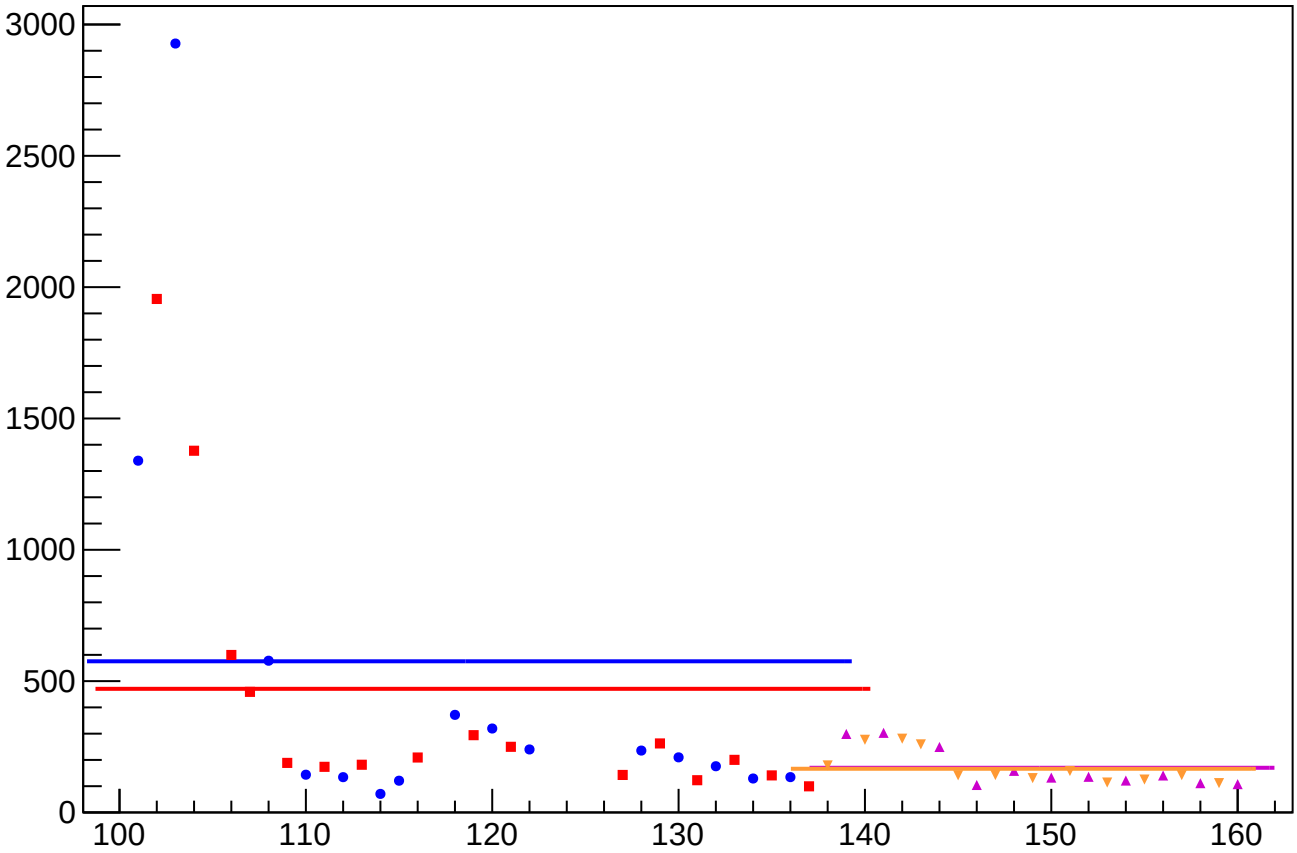
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14
+ sign -932.996+/-0.000 χ^2/NDF: 43692805722802
Left Out: -1138.759+/-0.000 χ^2/NDF:710061859534242542705907917181702635 52.0/11
All: -939.440+/-0.000 χ^2/NDF: 8260825249 9
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053 76512.0/15
- sign -945.770+/-0.000 χ^2/NDF: 38902582155876 0
Left In: -1197.503+/-0.000 χ^2/NDF:3862472221415609611027105702390666 36288.0/10

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

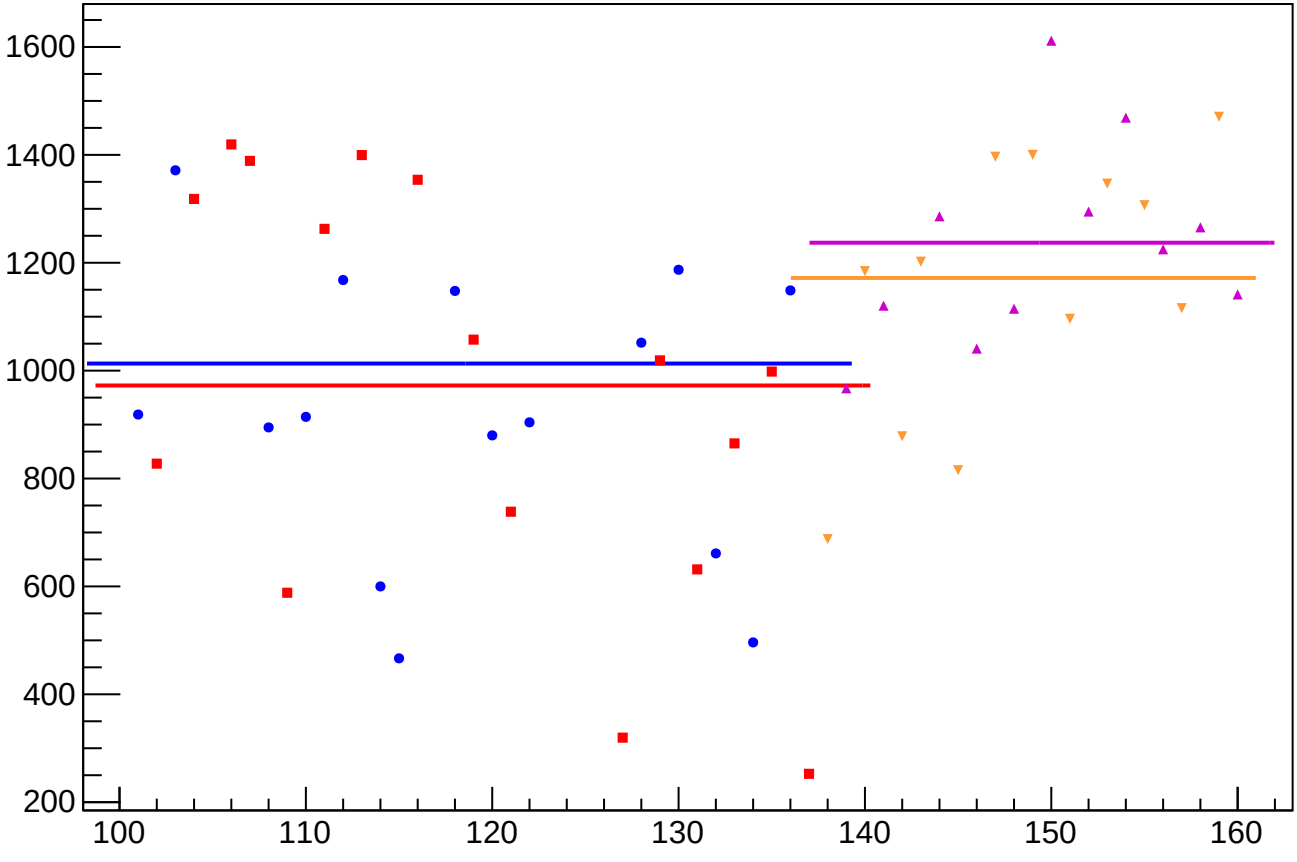
Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10

+ sign 336.257+/-0.000 χ^2/NDF: 499270475269907

All: 316.009+/-0.000 χ^2/NDF: 749713374727

- sign 296.118+/-0.000 χ^2/NDF: 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug



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

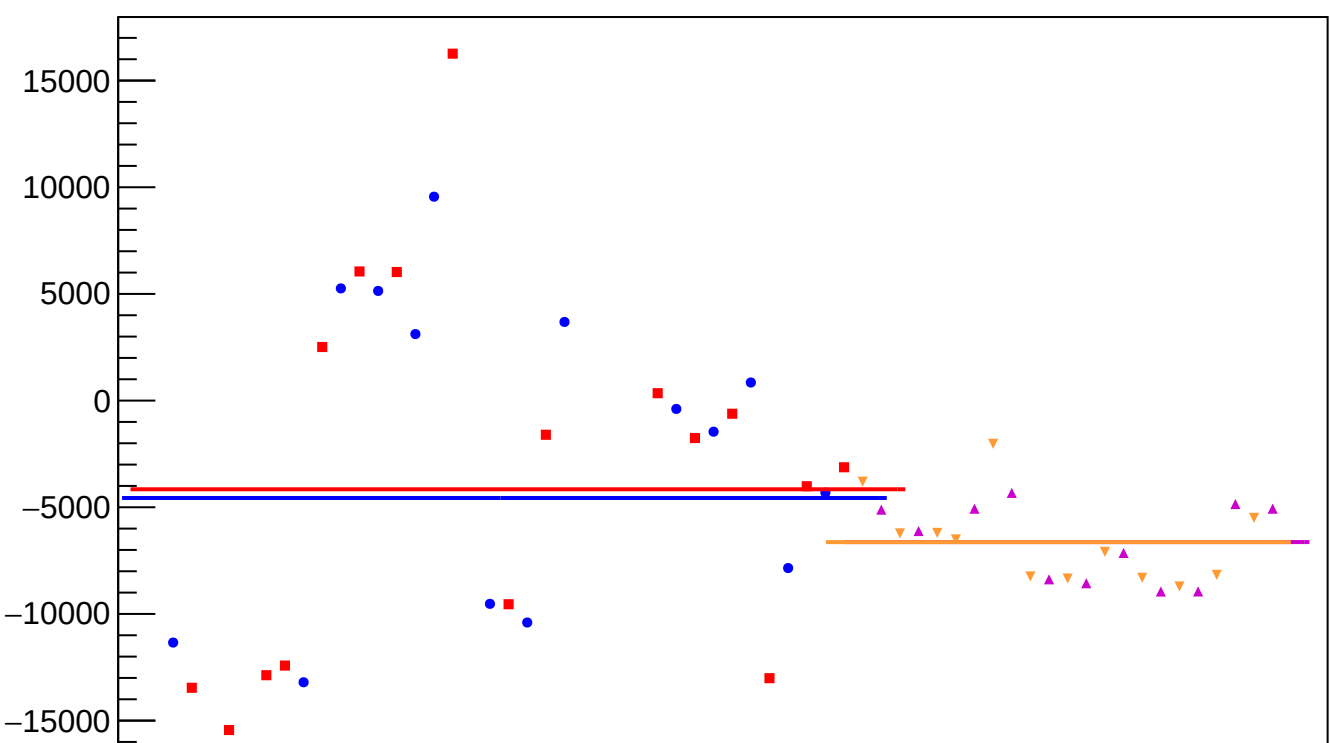
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -6634.457+/-0.000 χ^2/NDF:3640150880403299784339543756995645407232.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

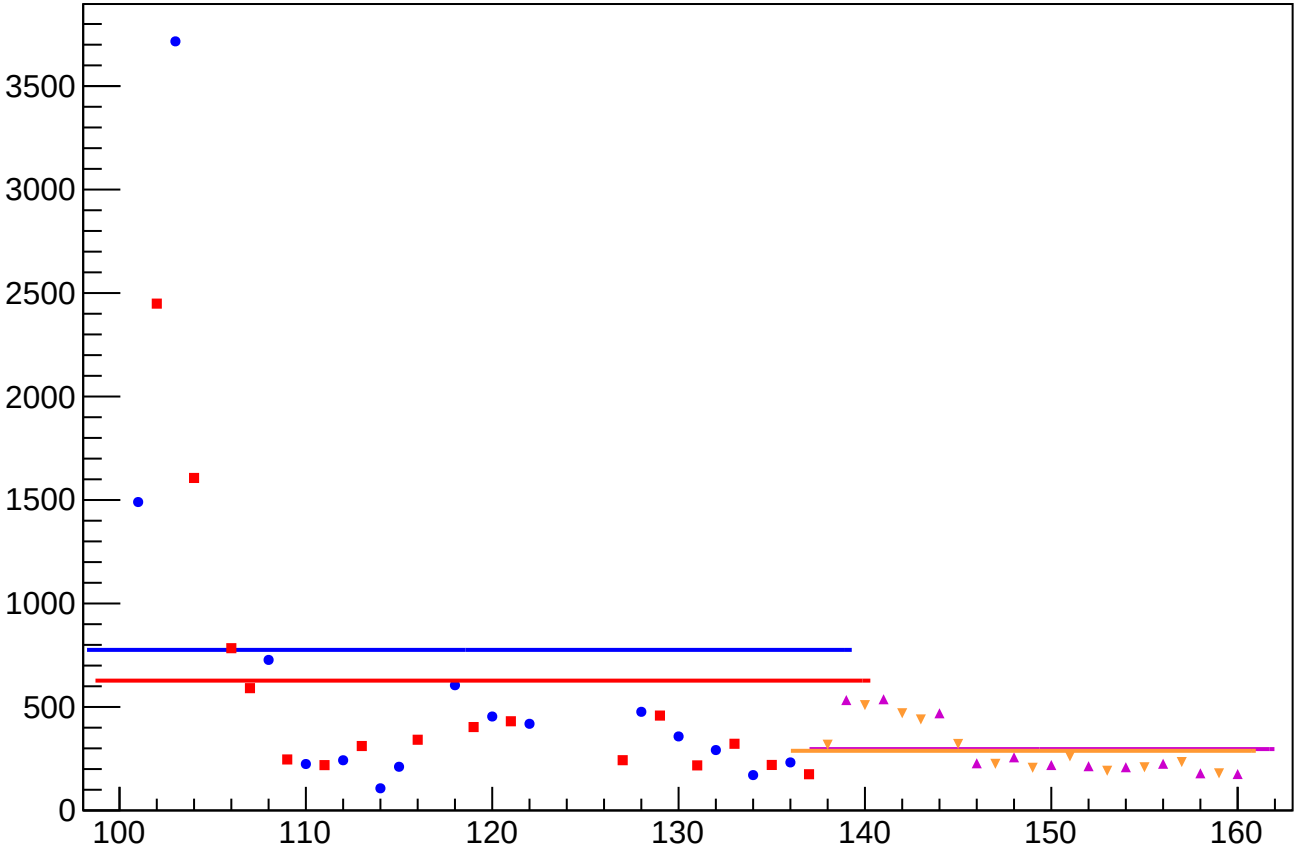
Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ sign -5775.333+/-0.000 χ^2/NDF: 4093261338391

All: -5683.850+/-0.000 χ^2/NDF: 9170111031

- sign -5593.977+/-0.000 χ^2/NDF: 5074256509623 8

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872522547 2.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

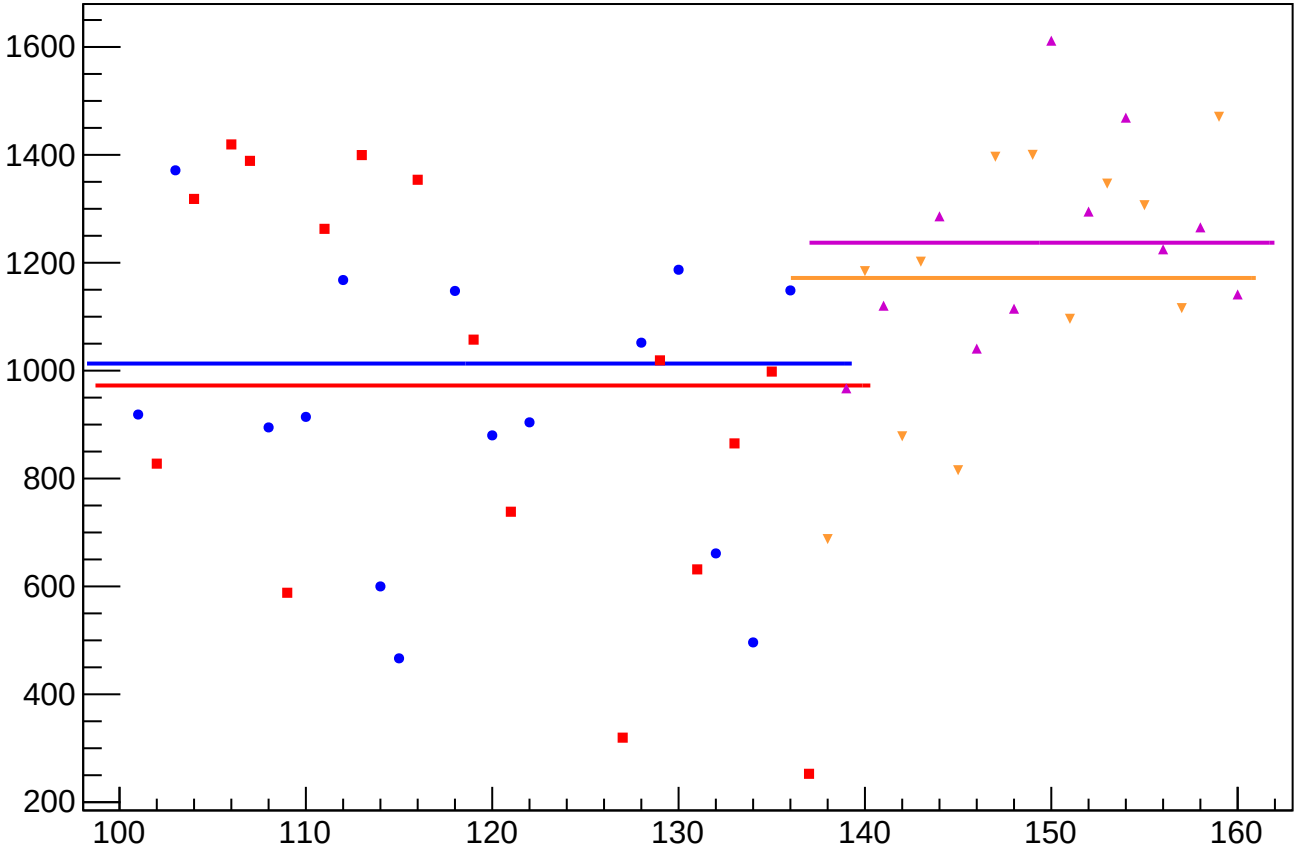
Left In: 296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

+ sign 490.690+/-0.000 χ^2/NDF: 74269533494512 1

All: 462.697+/-0.000 χ^2/NDF: 11020925146 8

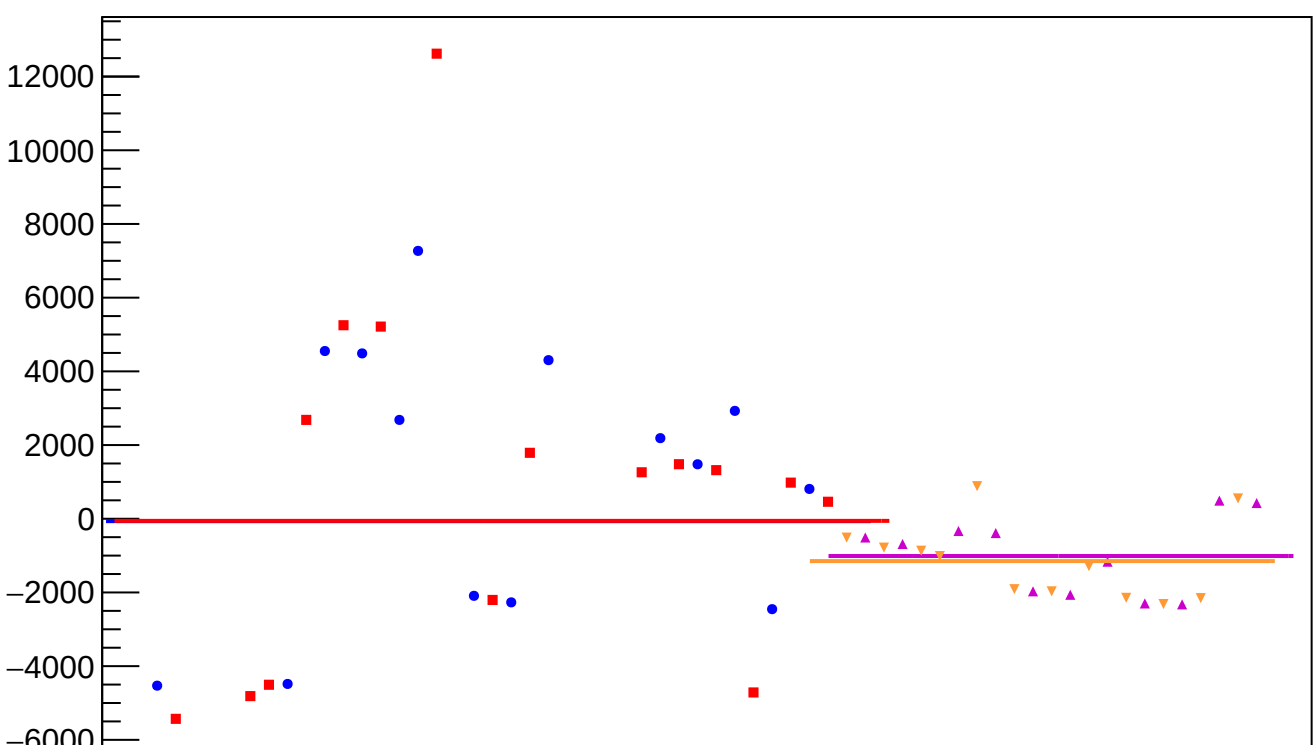
- sign 435.197+/-0.000 χ^2/NDF: 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



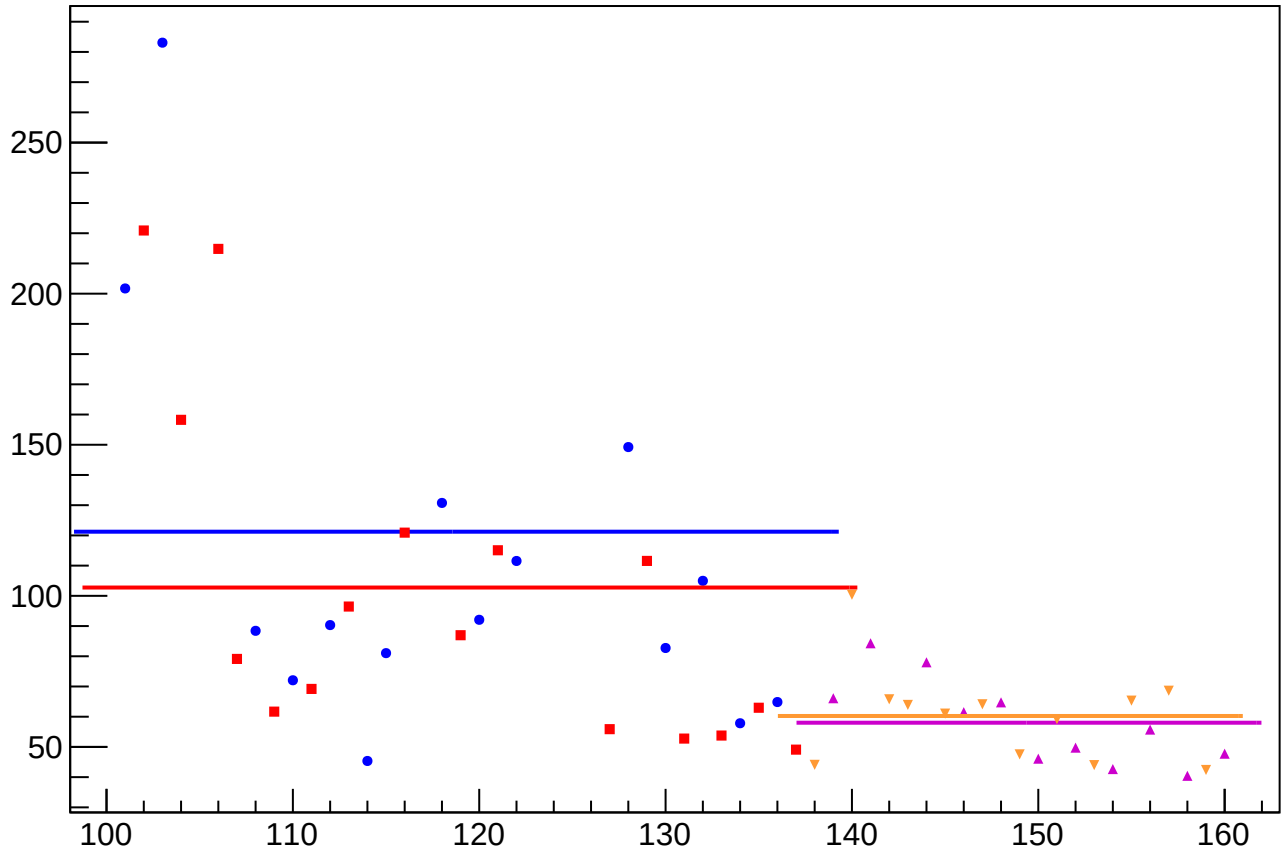
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -698.812+/-0.000 χ^2/NDF: 11037797160174
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
All: -654.674+/-0.000 χ^2/NDF: 2608129590 6
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15
- sign -611.312+/-0.000 χ^2/NDF: 150374623927280
Left In: -1011.284+/-0.000 χ^2/NDF:90390940842187417173900154315979567923 2.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF: 435992167216224

Left Out: 60.239+/-0.000 χ^2/NDF:2251025544910328695487978455003299 84.0/11

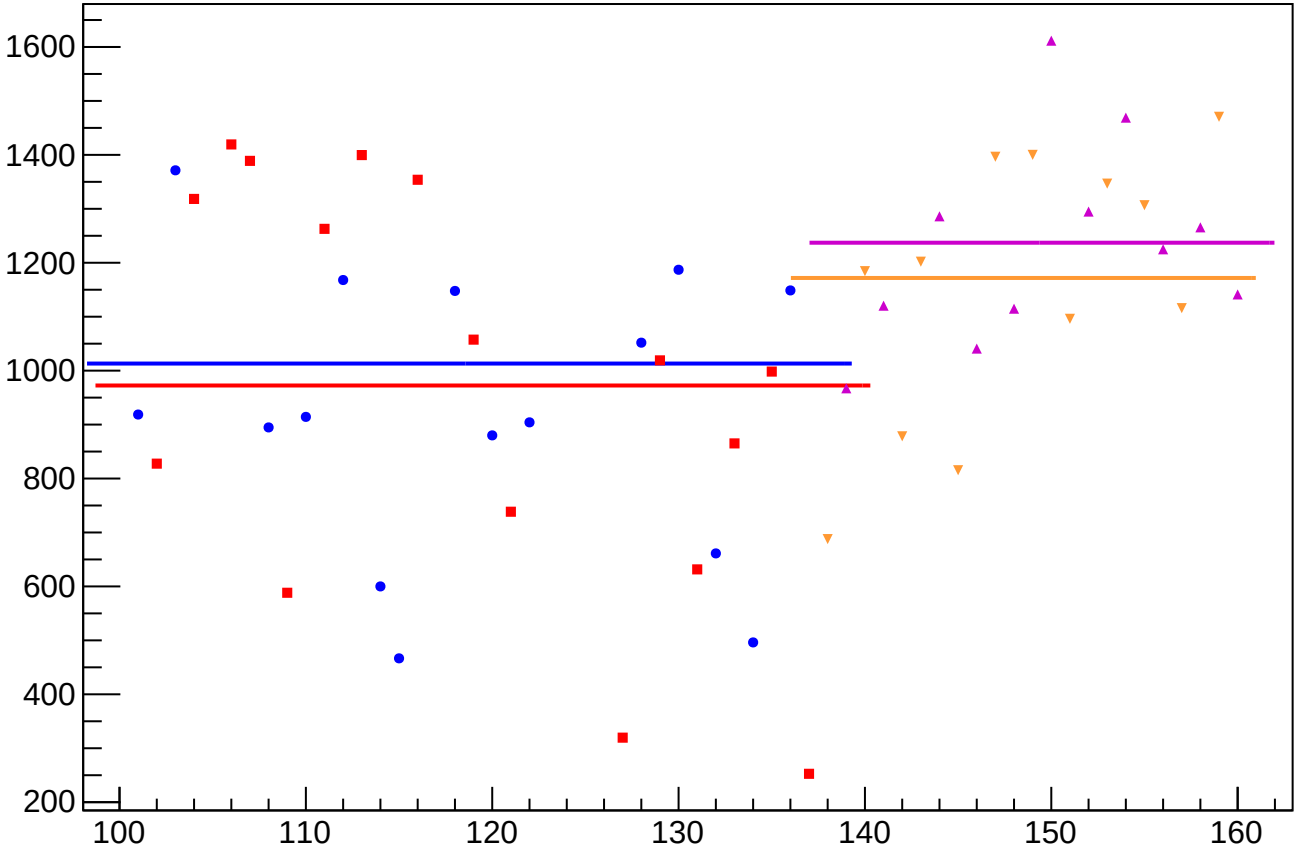
All: 81.126+/-0.000 χ^2/NDF: 734136660562

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

- sign 76.766+/-0.000 χ^2/NDF: 292042974501347 5

Left In: 58.011+/-0.000 χ^2/NDF:1774277017865404387576550272144506 88.0/10

dit_sam5_coil6_Ndata_mean vs Slug



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

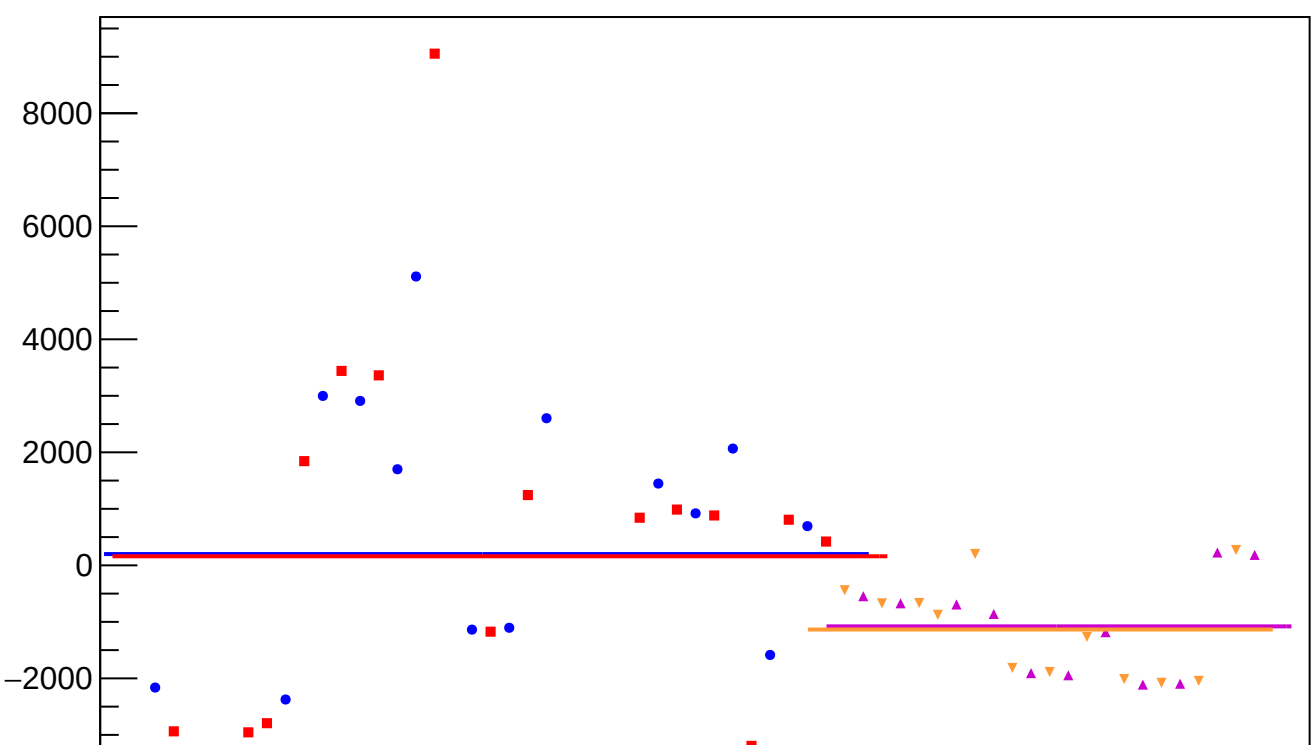
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

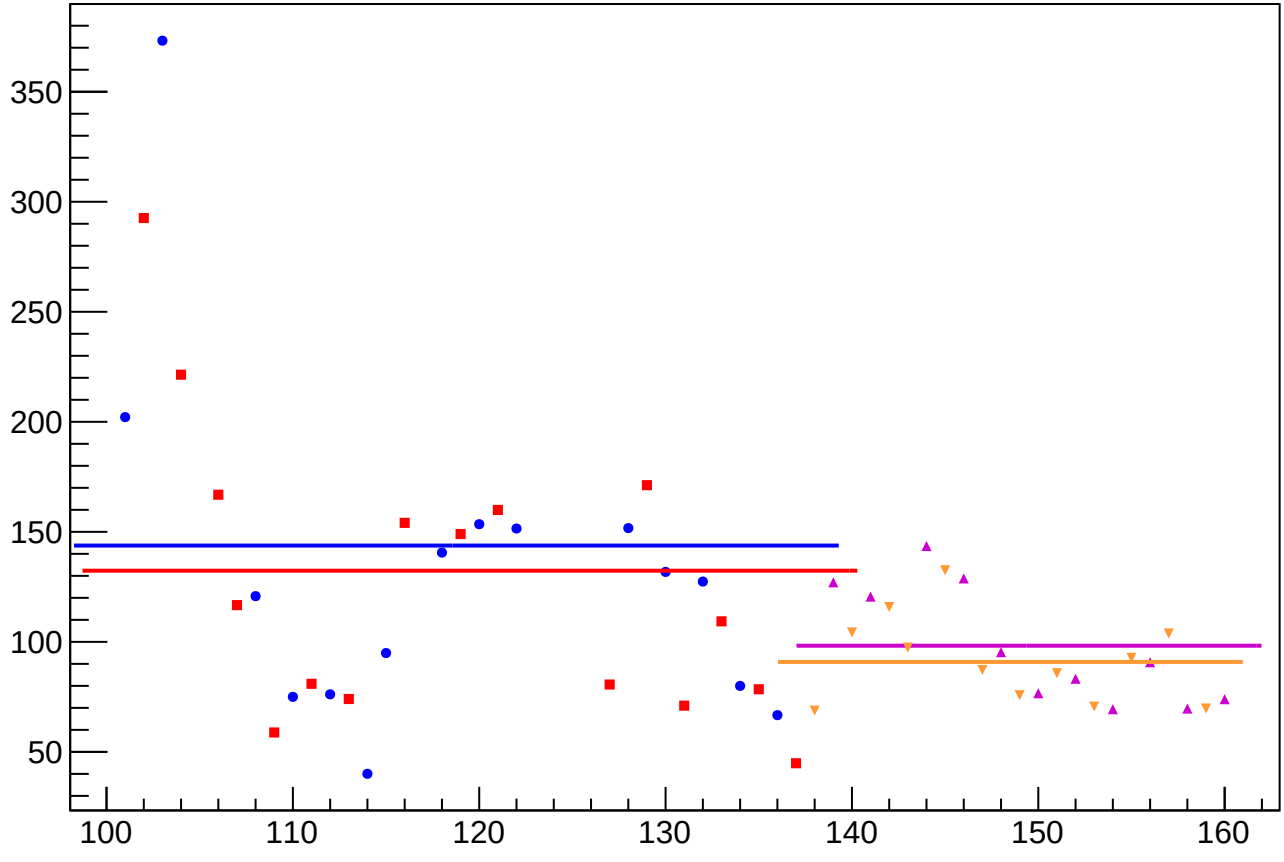
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -581.144+/-0.000 χ^2/NDF: 45992004244900
Left Out: -1135.455+/-0.000 χ^2/NDF:654697592596579349133010058178925166592.0/11
All: -570.315+/-0.000 χ^2/NDF: 1149056147 6
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign -559.678+/-0.000 χ^2/NDF: 68909977403524 0
Left In: -1079.555+/-0.000 χ^2/NDF:614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 112.840+/-0.000 χ^2/NDF: 590235067464096

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

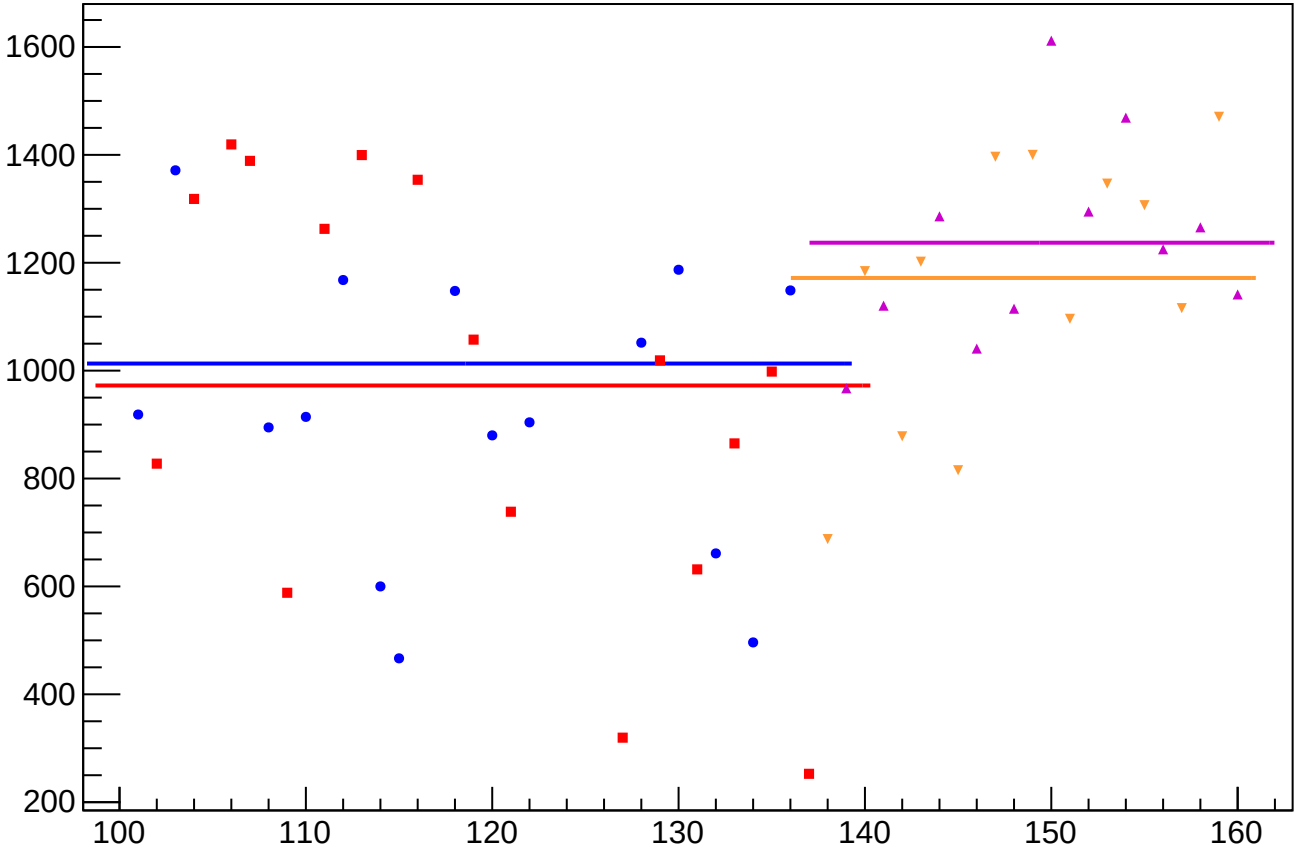
All: 112.691+/-0.000 χ^2/NDF: 10147510778 3

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 112.546+/-0.000 χ^2/NDF: 424509210993955

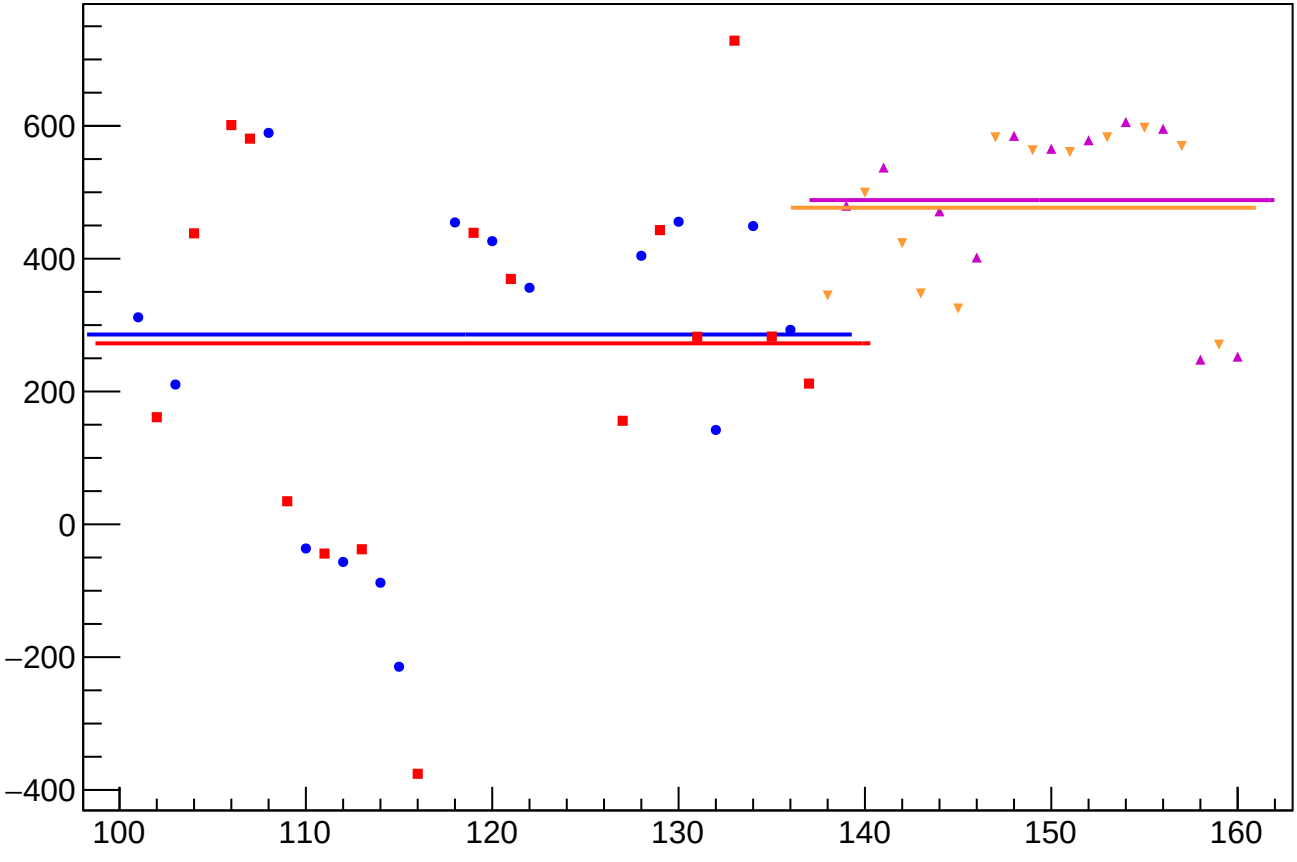
Left In: 98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left Out: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

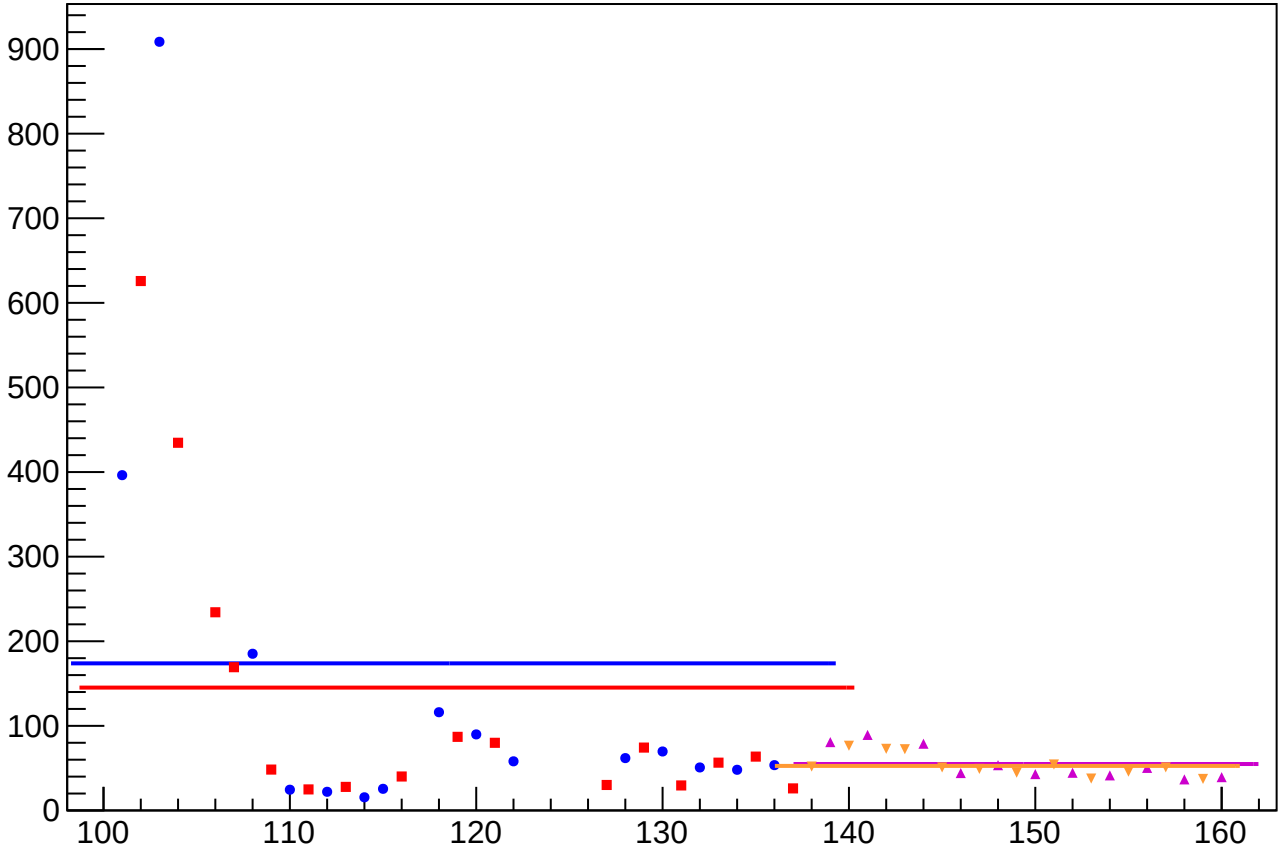
Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ sign 397.512+/-0.000 χ^2/NDF: 506405806110630

All: 397.652+/-0.000 χ^2/NDF: 12663659867 3

- sign 397.790+/-0.000 χ^2/NDF: 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF: 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF:1401594233858879766920661675414650 88.0/11

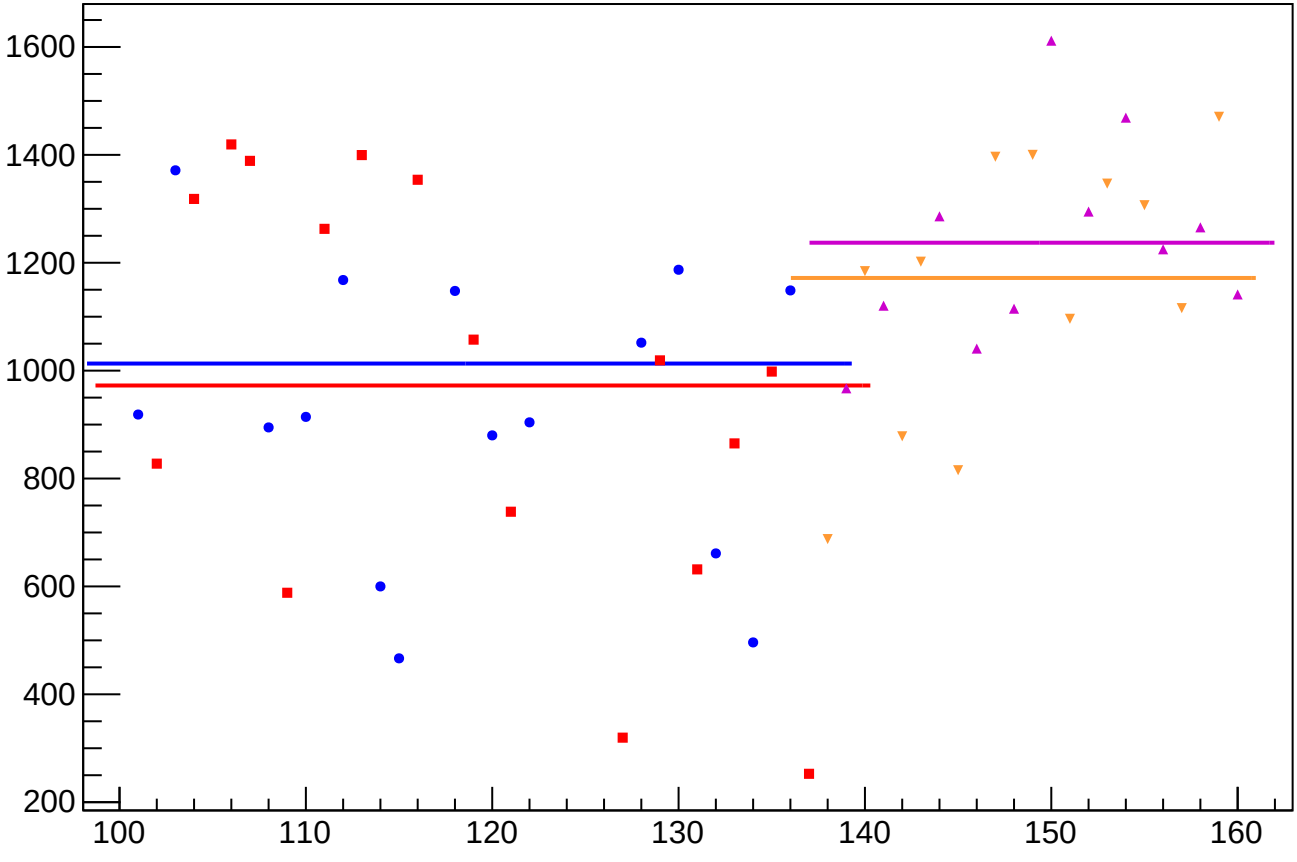
All: 97.830+/-0.000 χ^2/NDF: 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

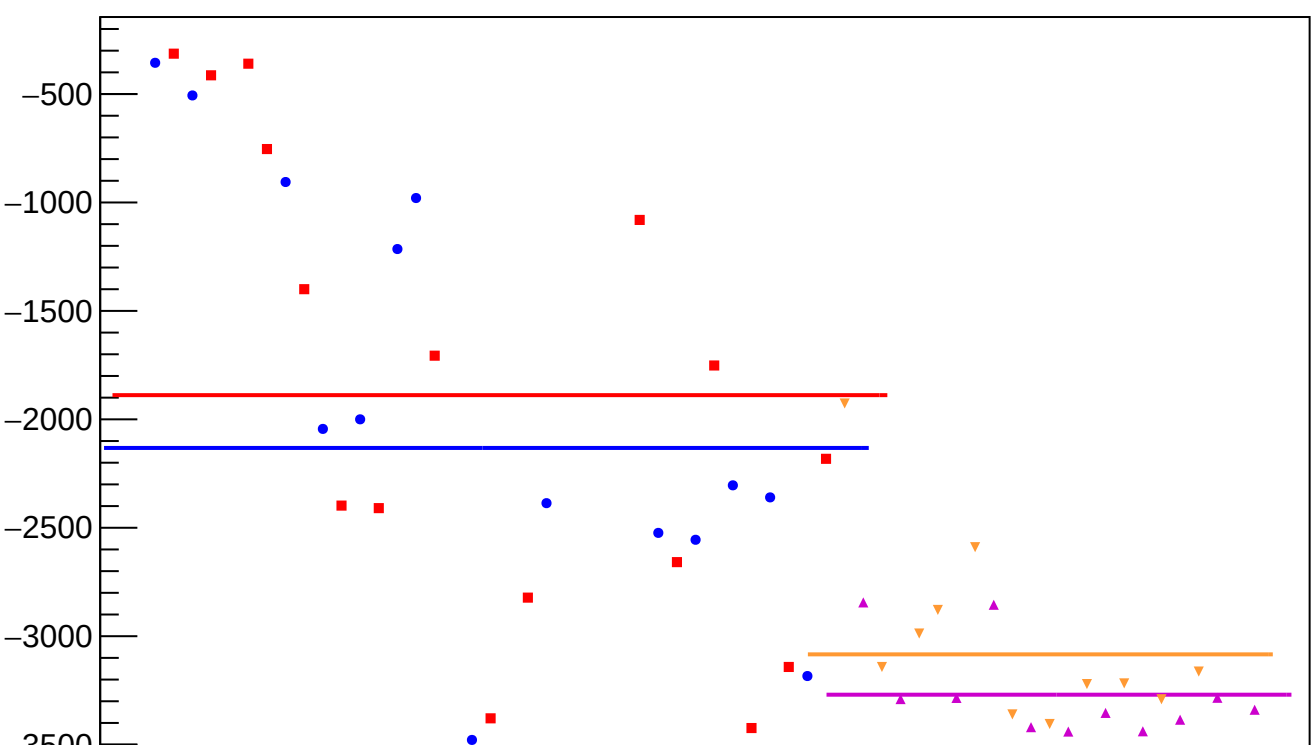
Left In: 54.891+/-0.000 χ^2/NDF:300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

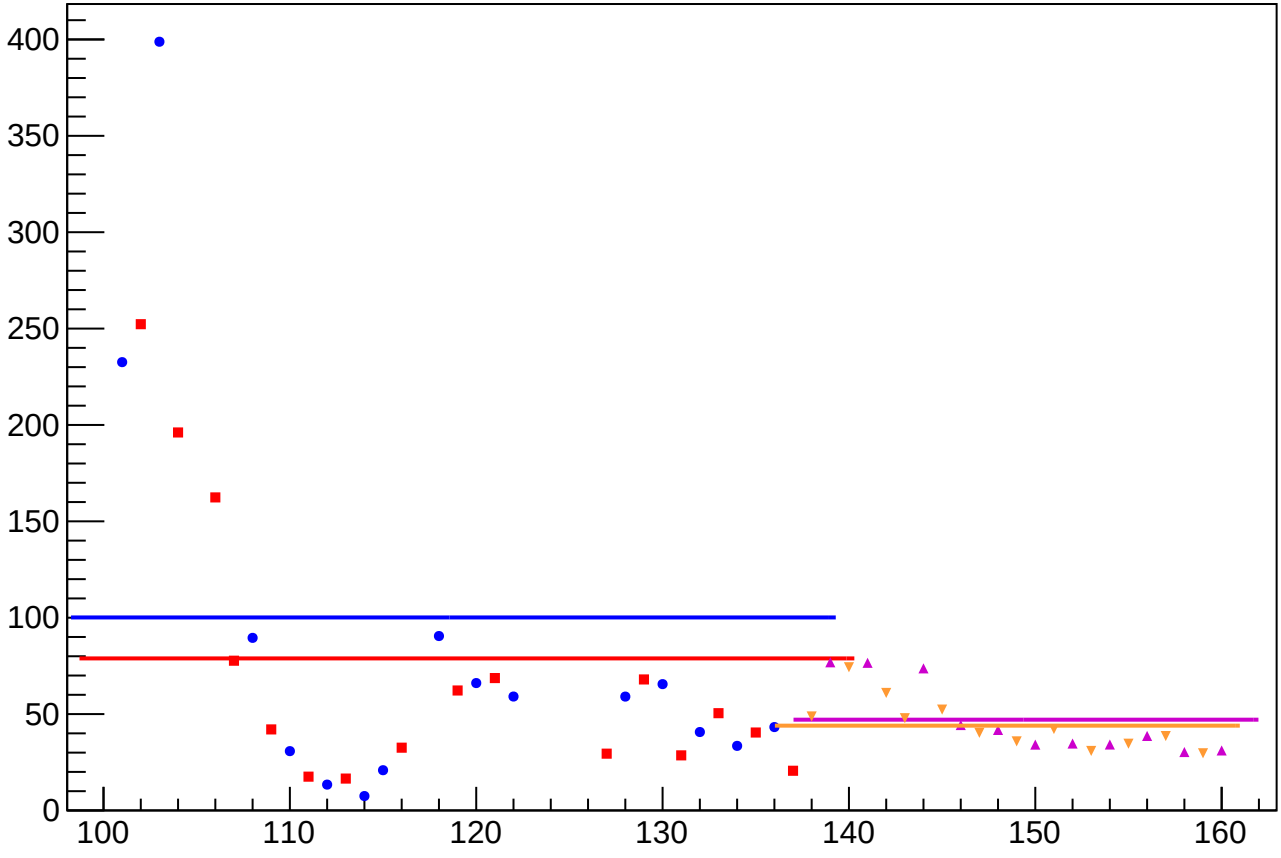
Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

+ sign -2688.506+/-0.000 χ^2/NDF: 1244586997830

All: -2689.595+/-0.000 χ^2/NDF: 2813784024

- sign -2690.665+/-0.000 χ^2/NDF: 1569193348626 8

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.306+/-0.000 χ^2/NDF: 9154119203552440

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

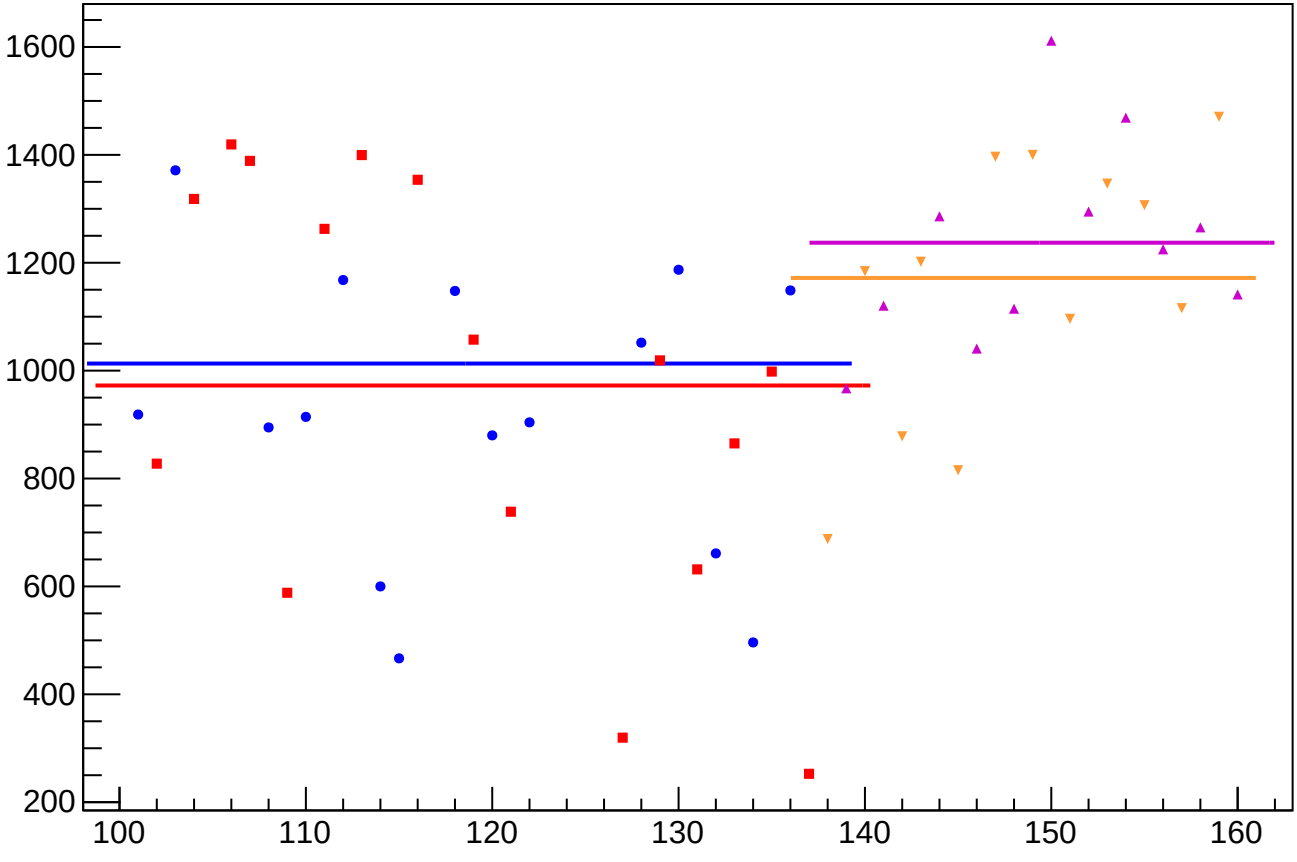
All: 63.832+/-0.000 χ^2/NDF: 1341063315555

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 60.419+/-0.000 χ^2/NDF: 4219125097072467

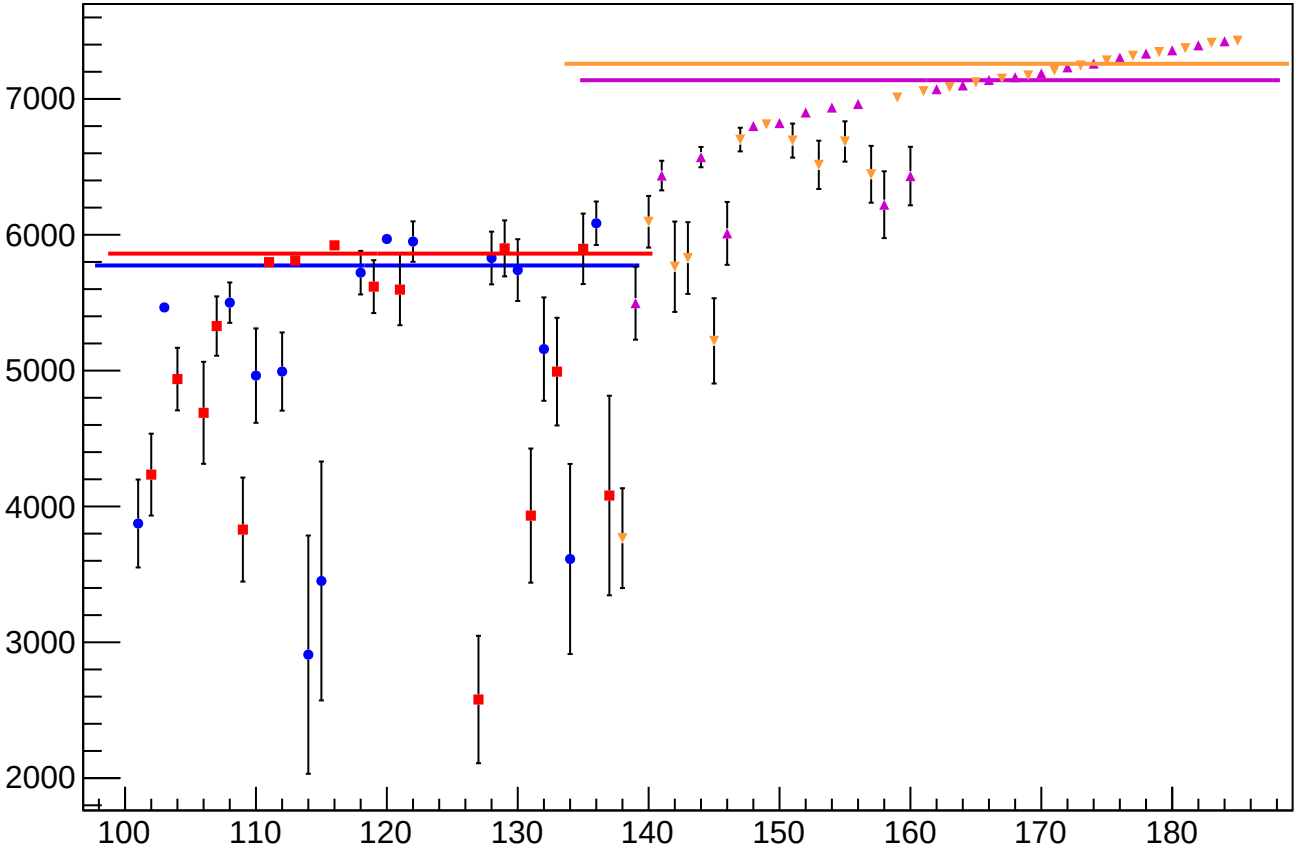
Left In: 47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028 00128.0/10

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_run_mean vs Slug



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

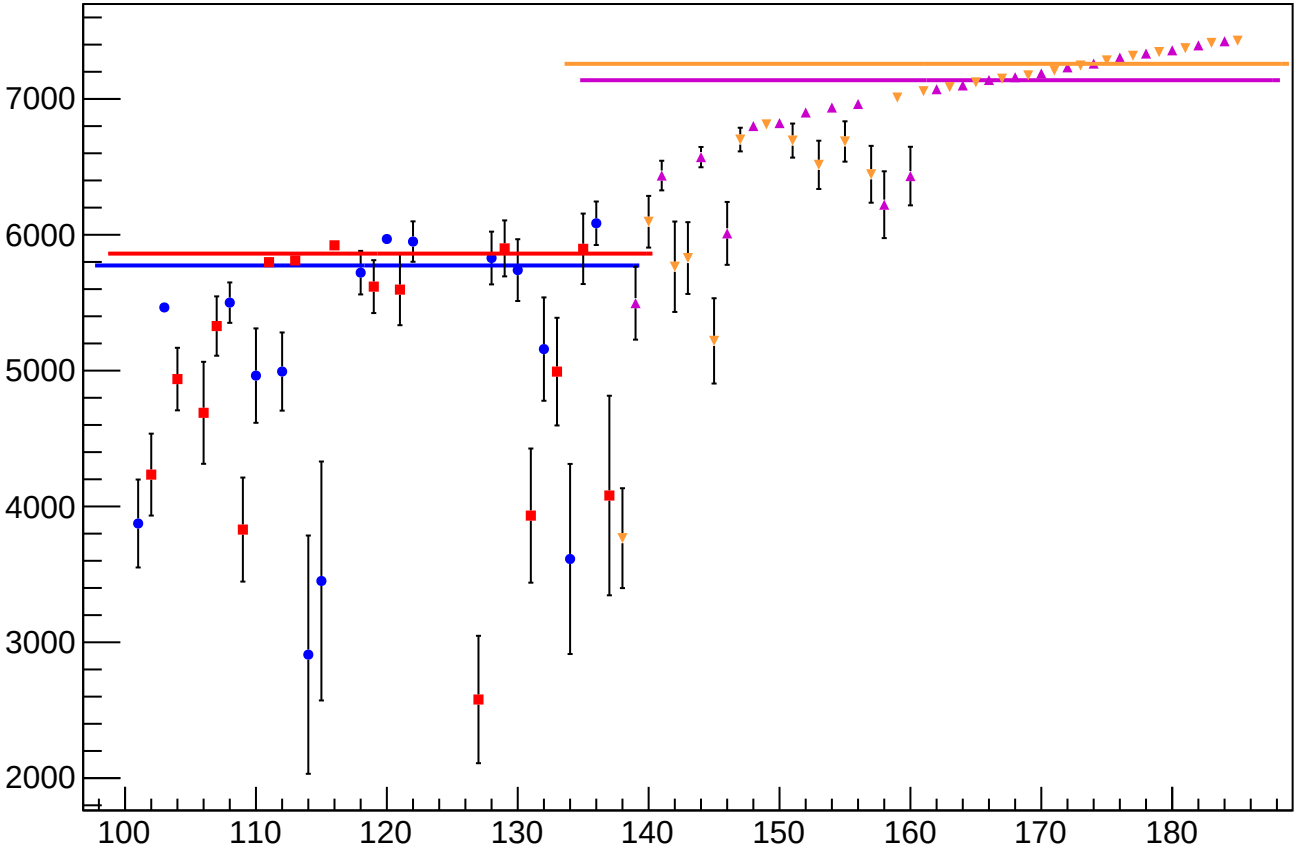
Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_run_rms vs Slug



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

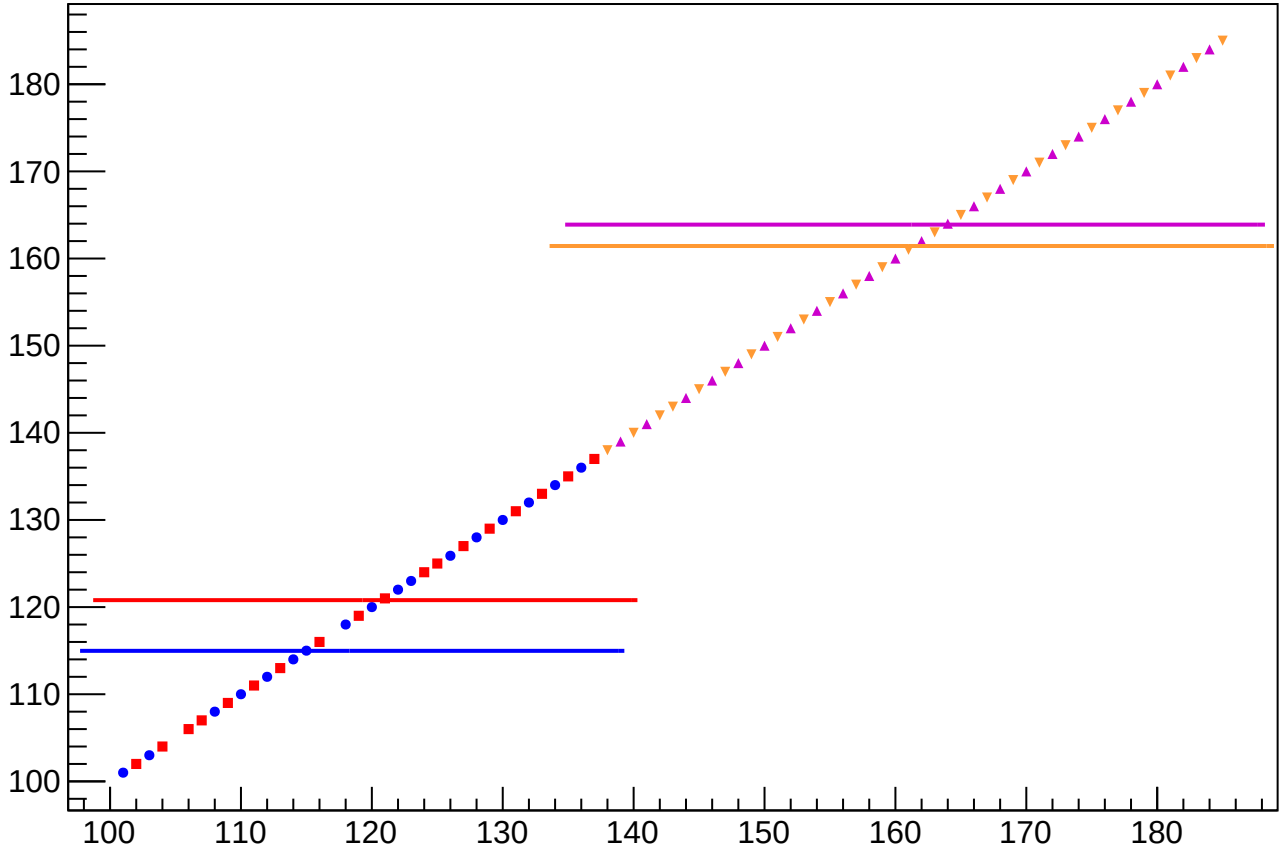
Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

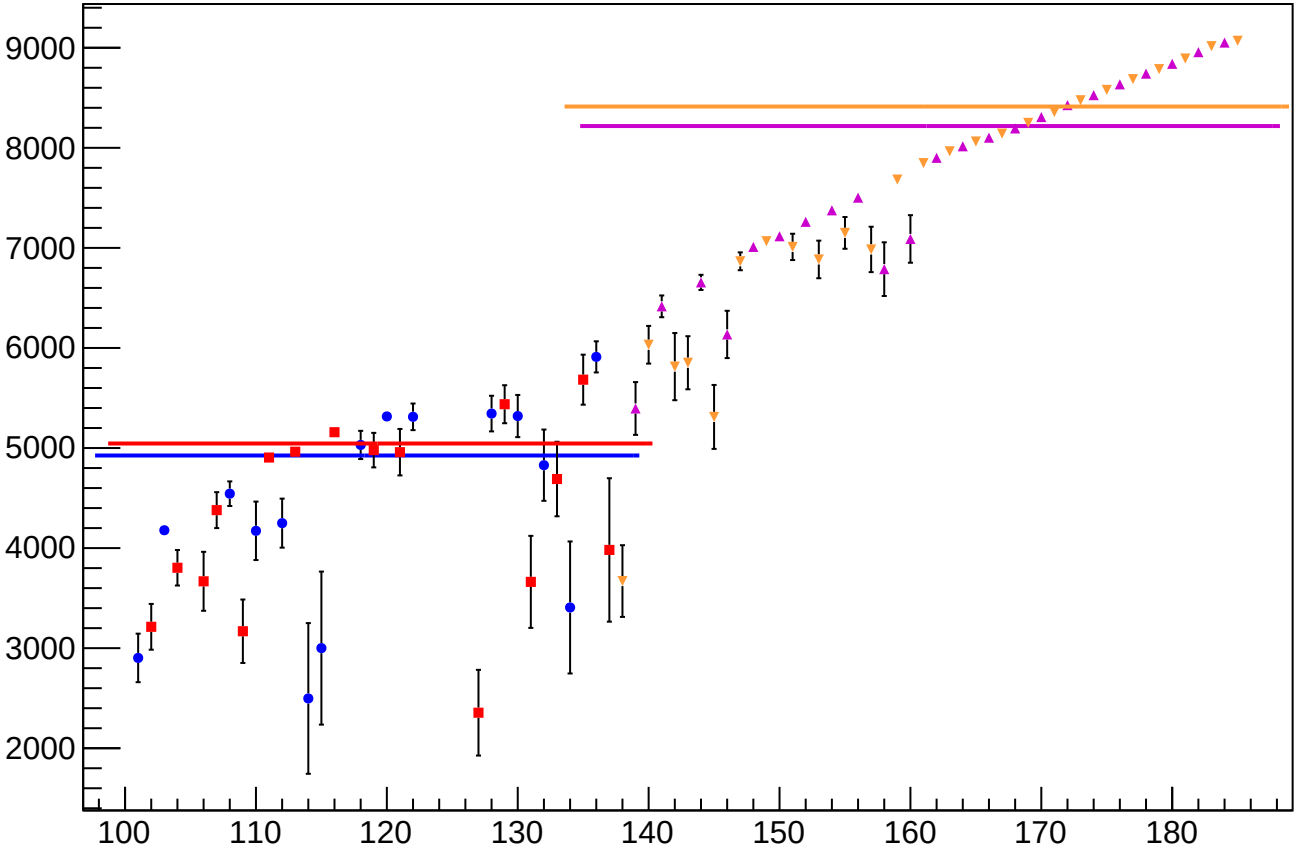
Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF: 15251603056837 1

All: 139.354+/-0.000 χ^2/NDF: 2993014265 27

- sign 145.590+/-0.000 χ^2/NDF: 129353472103461

dit_cyclenum_mean vs Slug



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

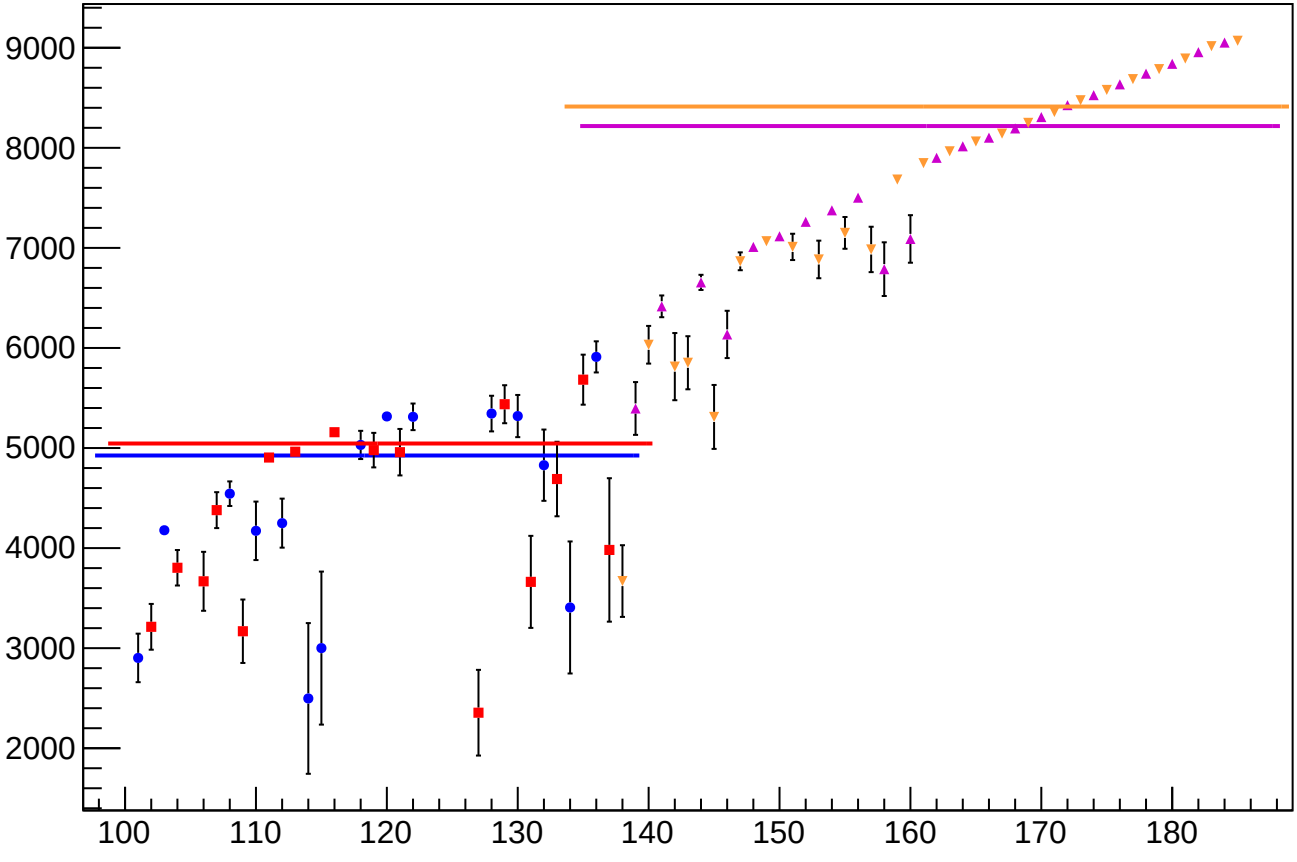
Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_cyclenum_rms vs Slug



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

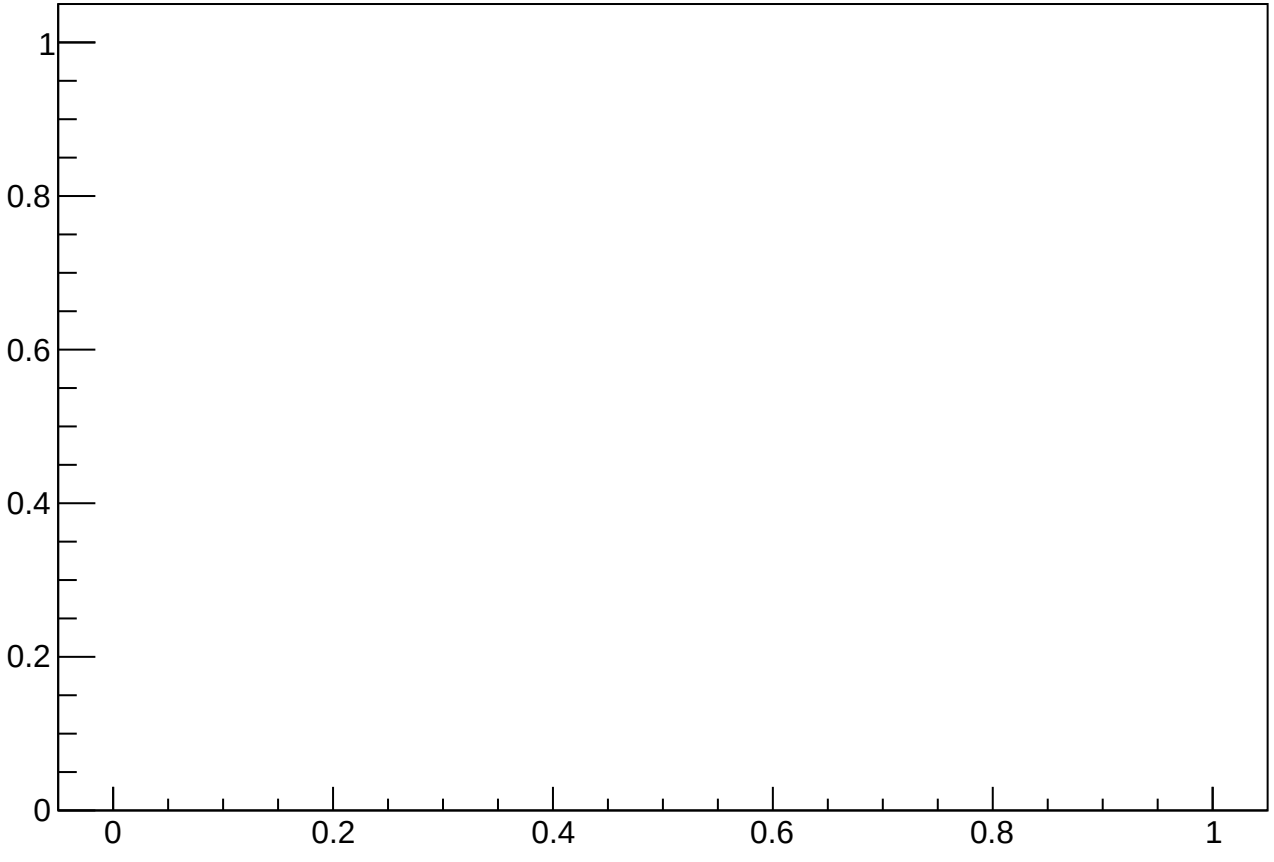
Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_scandata1_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

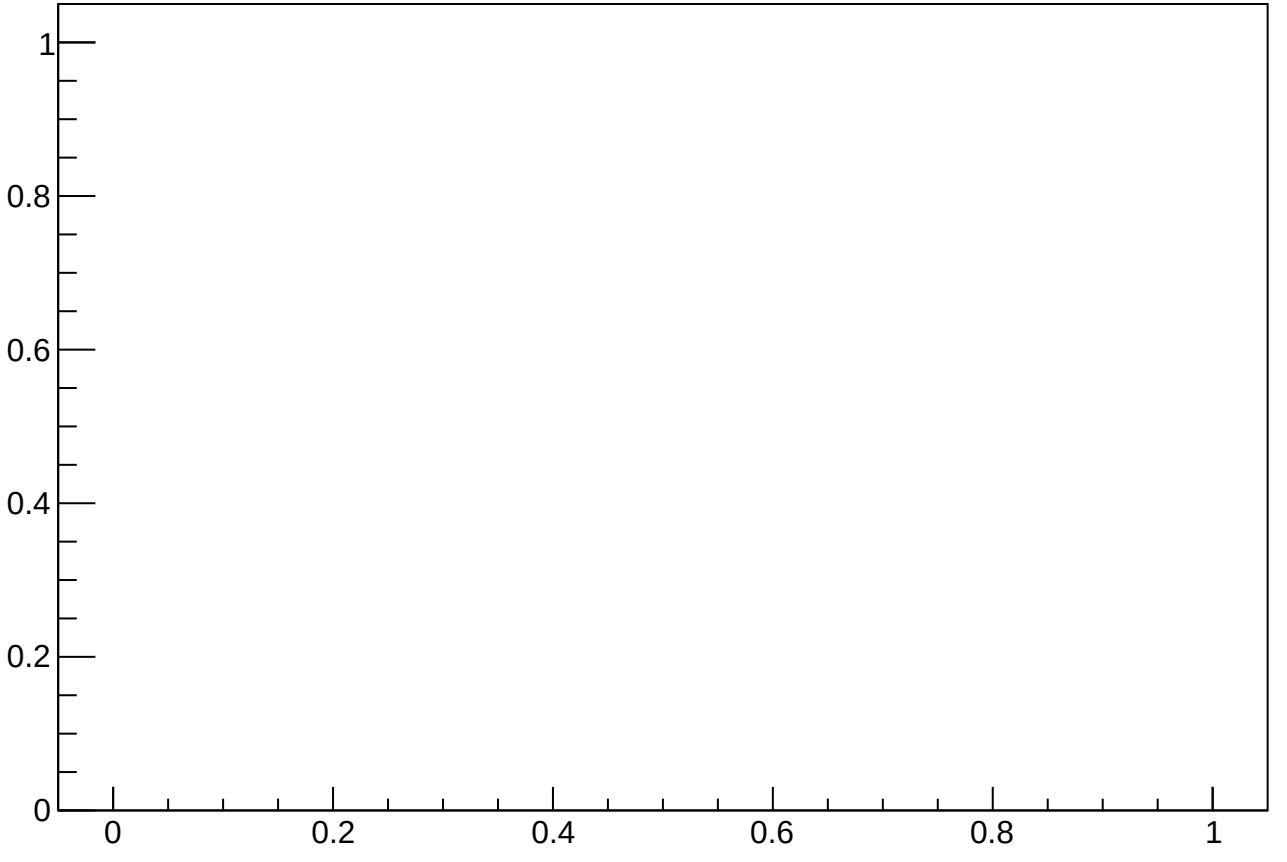
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

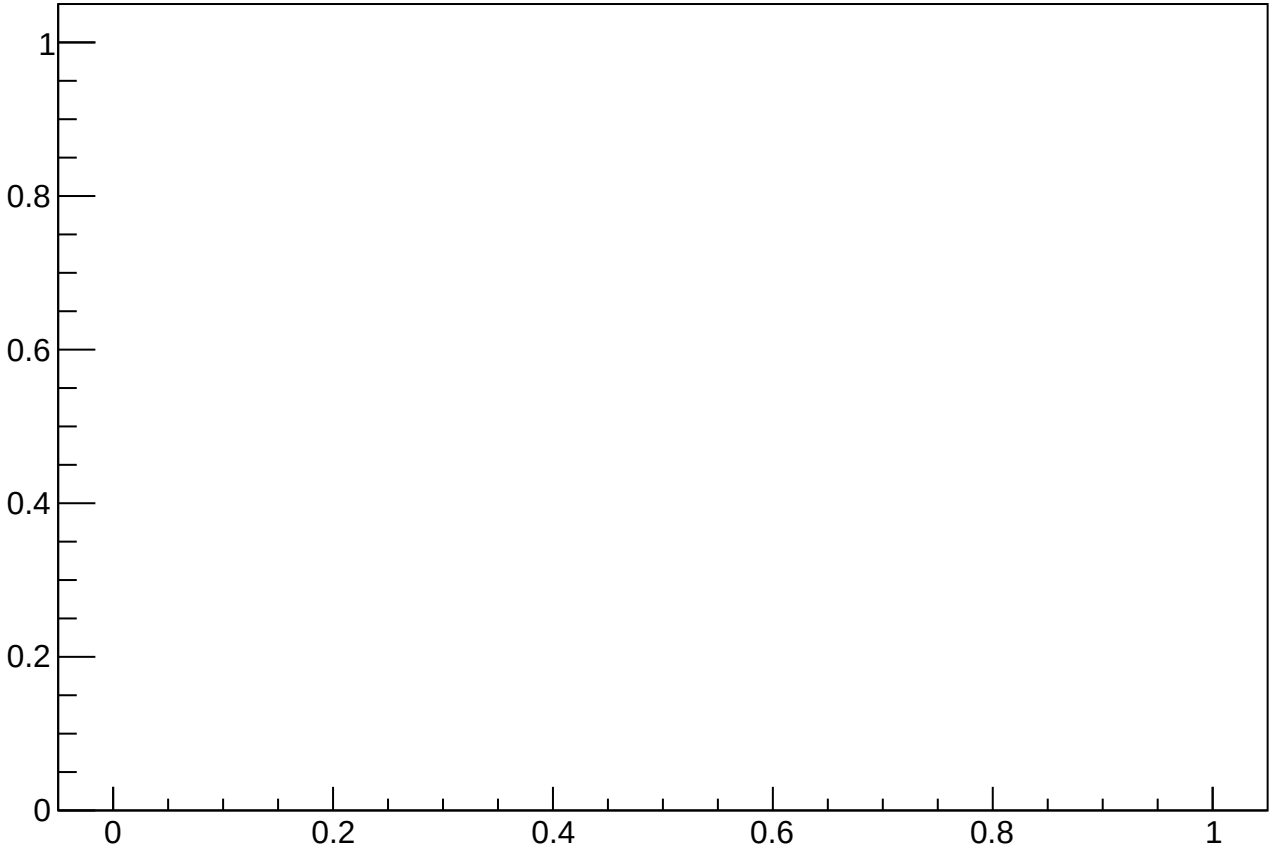
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

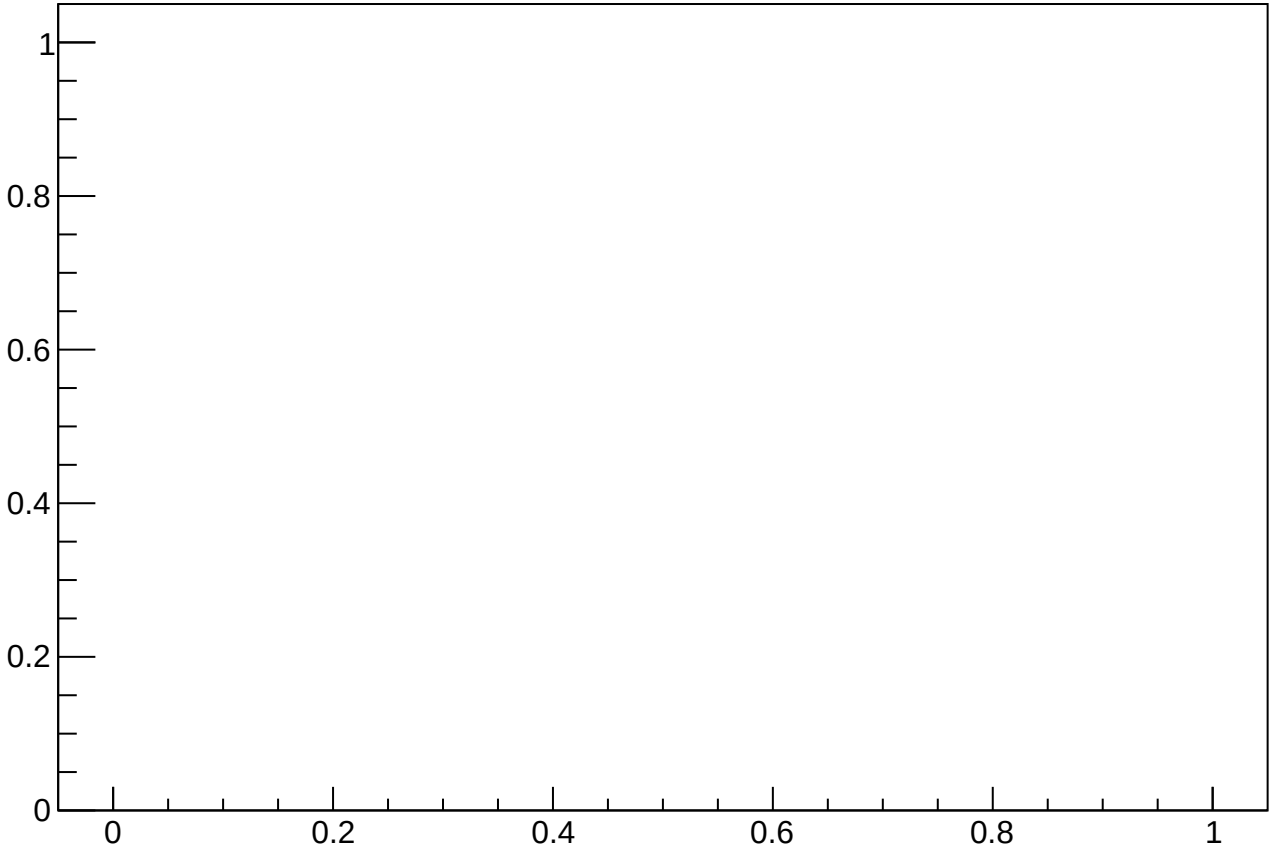
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

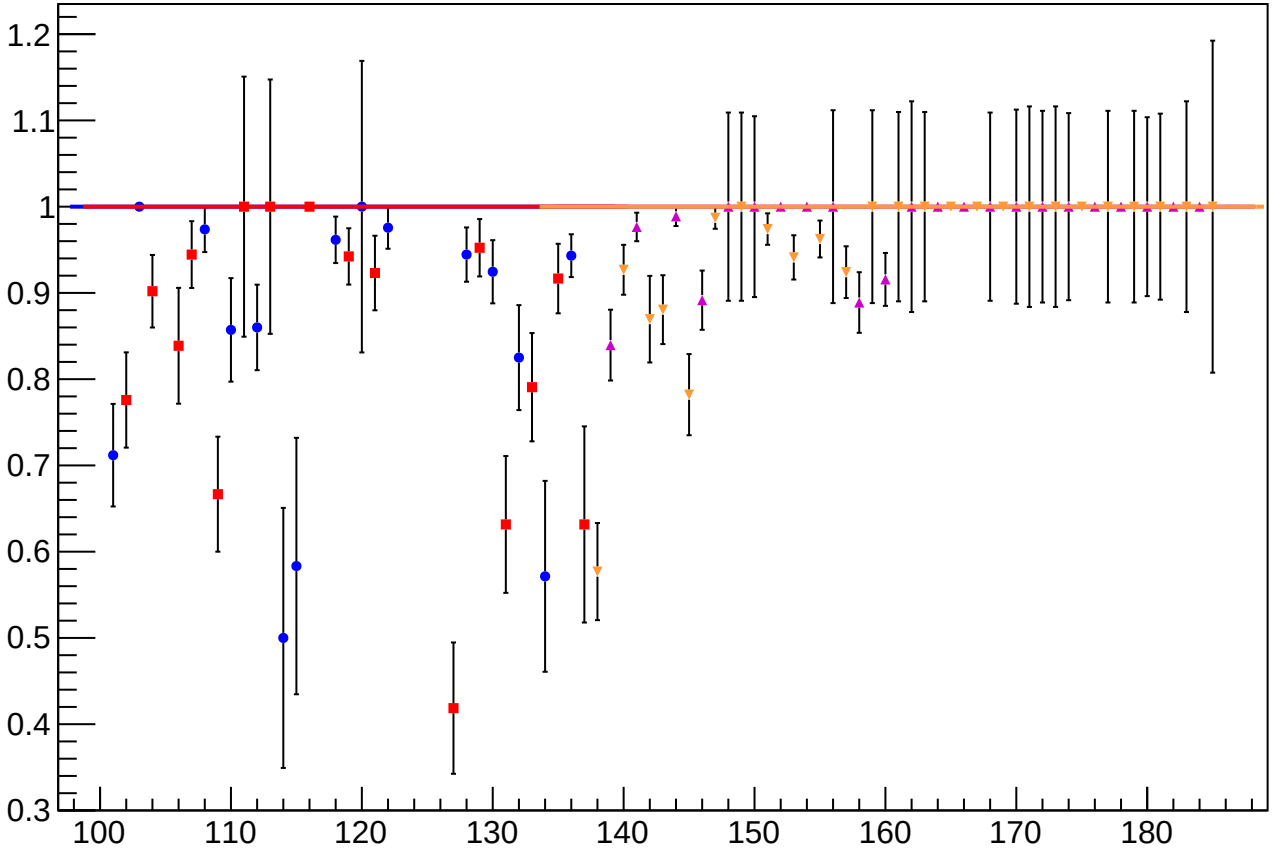
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug



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

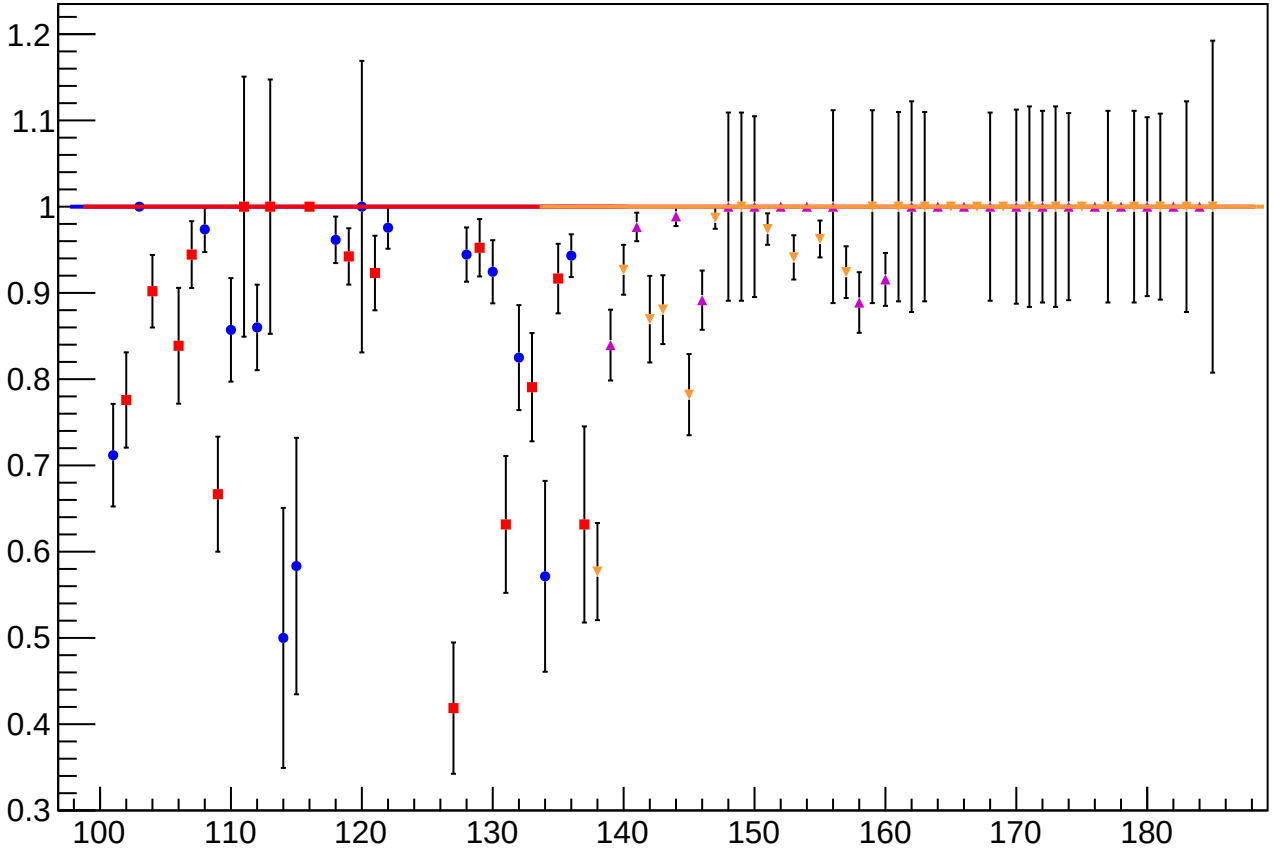
Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_flag_rms vs Slug



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

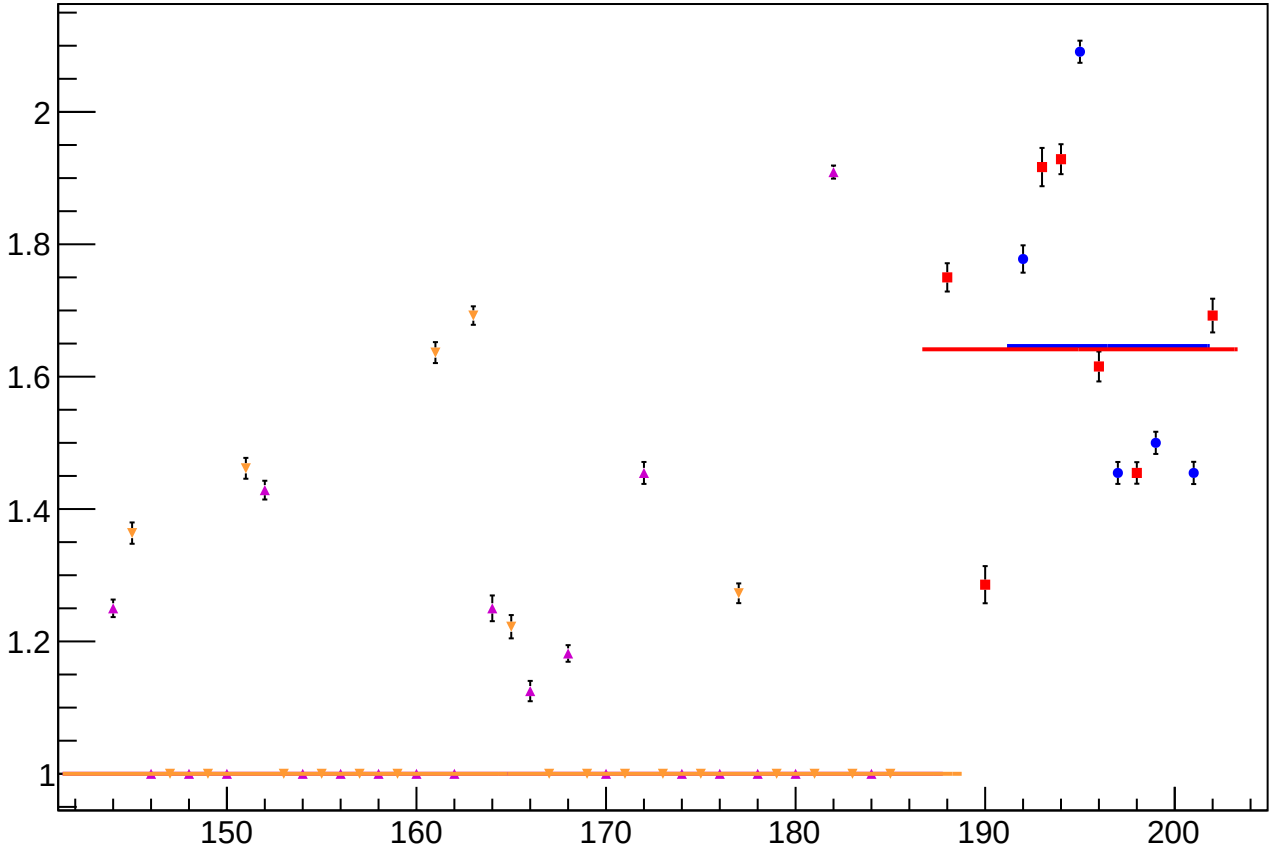
Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_segment_slope vs Slug



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

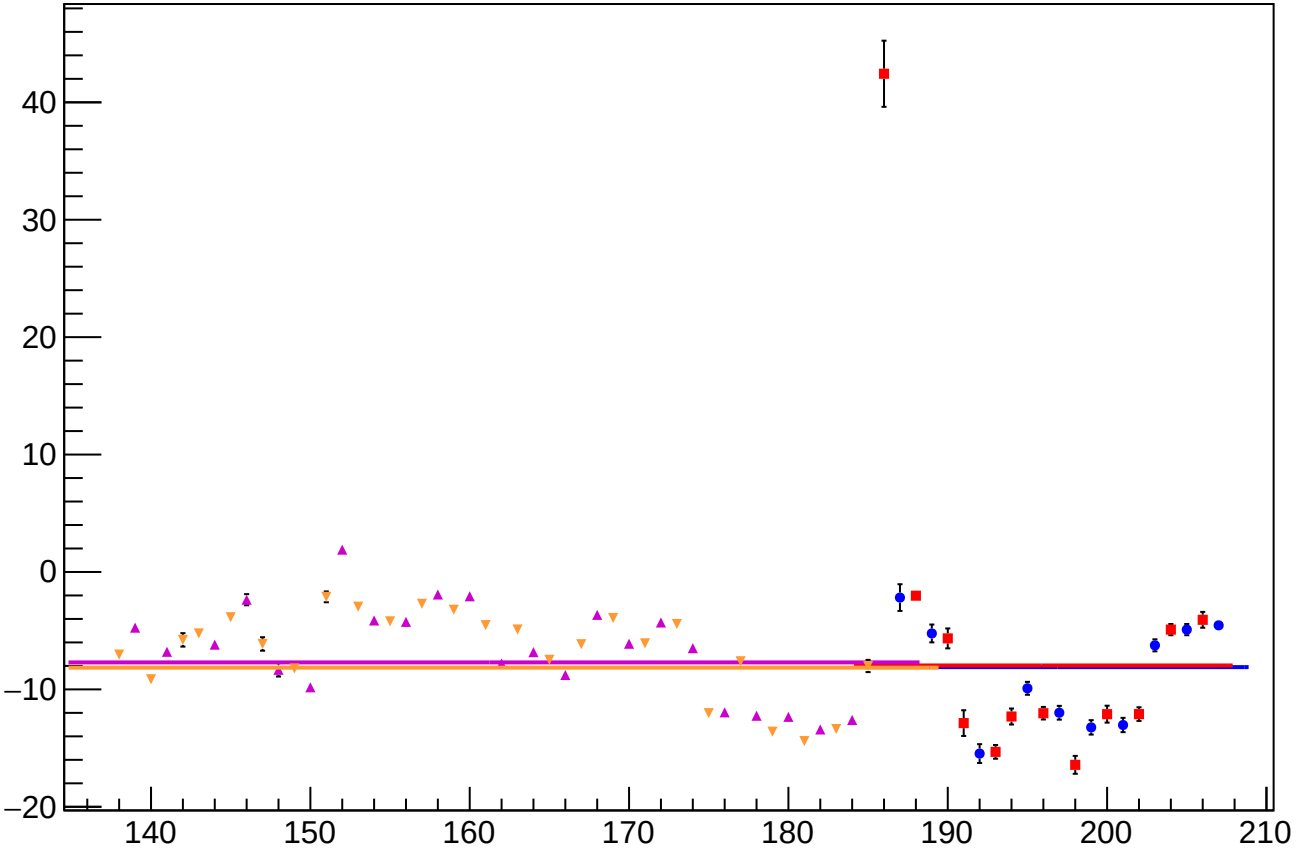
Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

+ sign 1.000+/-0.000 χ^2/NDF: 26665.7/25

All: 1.000+/-0.000 χ^2/NDF: 33445.8/53

- sign 1.000+/-0.000 χ^2/NDF: 18371.6/27

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -8.103+/-0.180 χ^2/NDF: 462.5/9

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -7.963+/-0.174 χ^2/NDF: 1198.4/11

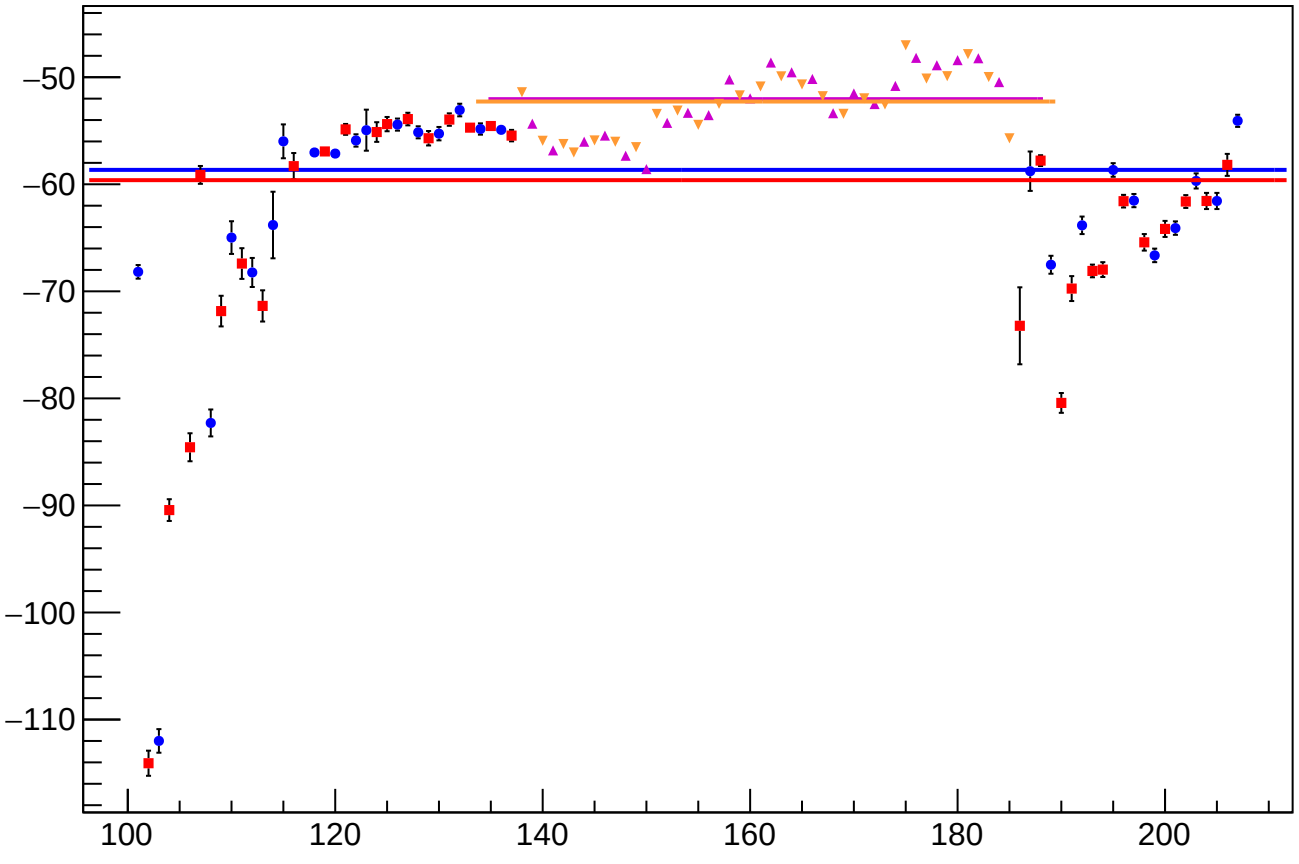
Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

+ sign -8.143+/-0.063 χ^2/NDF: 4075.6/34

All: -7.941+/-0.045 χ^2/NDF: 9033.8/69

- sign -7.736+/-0.064 χ^2/NDF: 4937.6/34

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.655+/-0.119 χ^2/NDF: 4005.1/26

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.616+/-0.118 χ^2/NDF: 5616.7/29

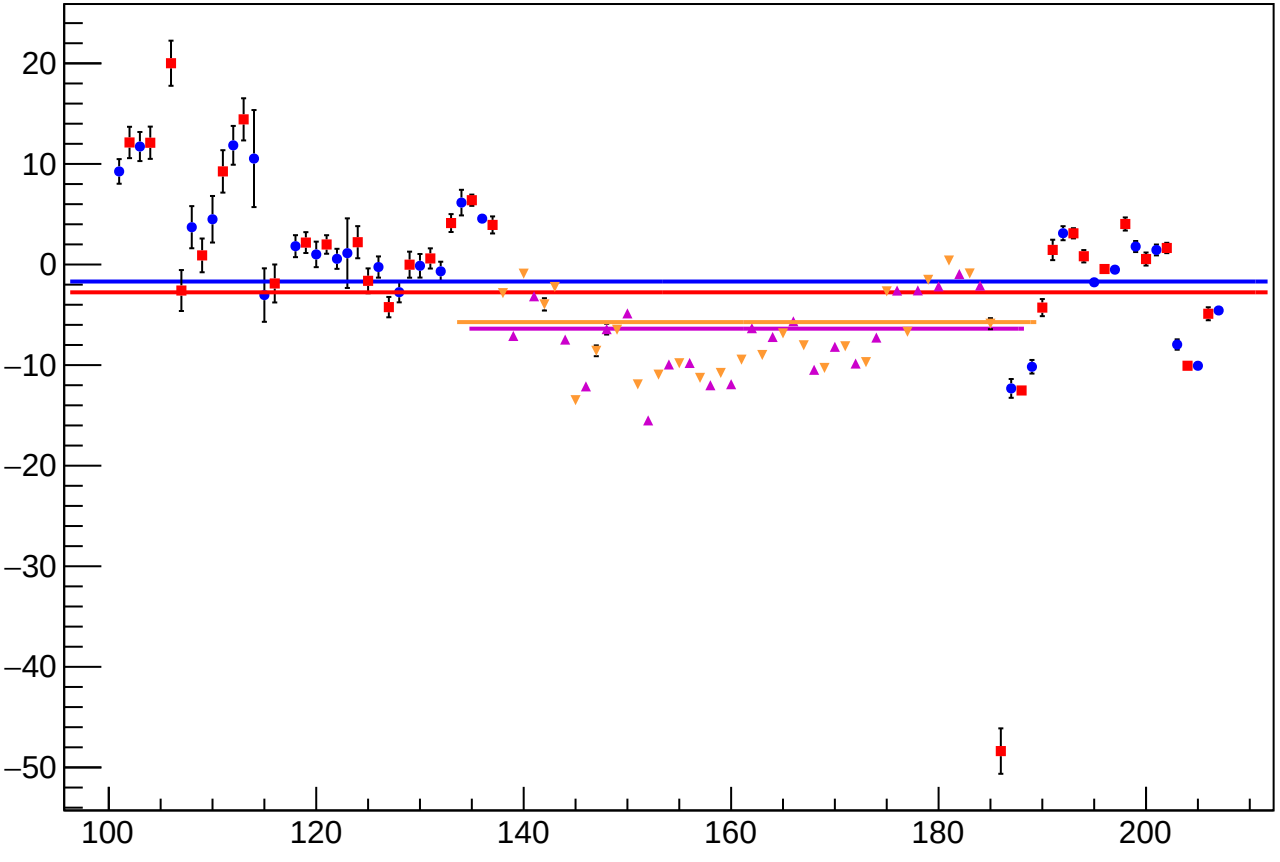
Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

+ sign -53.395+/-0.050 χ^2/NDF: 8969.7/51

All: -53.434+/-0.036 χ^2/NDF: 21103.5/104

- sign -53.475+/-0.051 χ^2/NDF: 12132.6/52

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -1.691+/-0.140 χ^2/NDF: 1447.1/26

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.765+/-0.133 χ^2/NDF: 3192.5/29

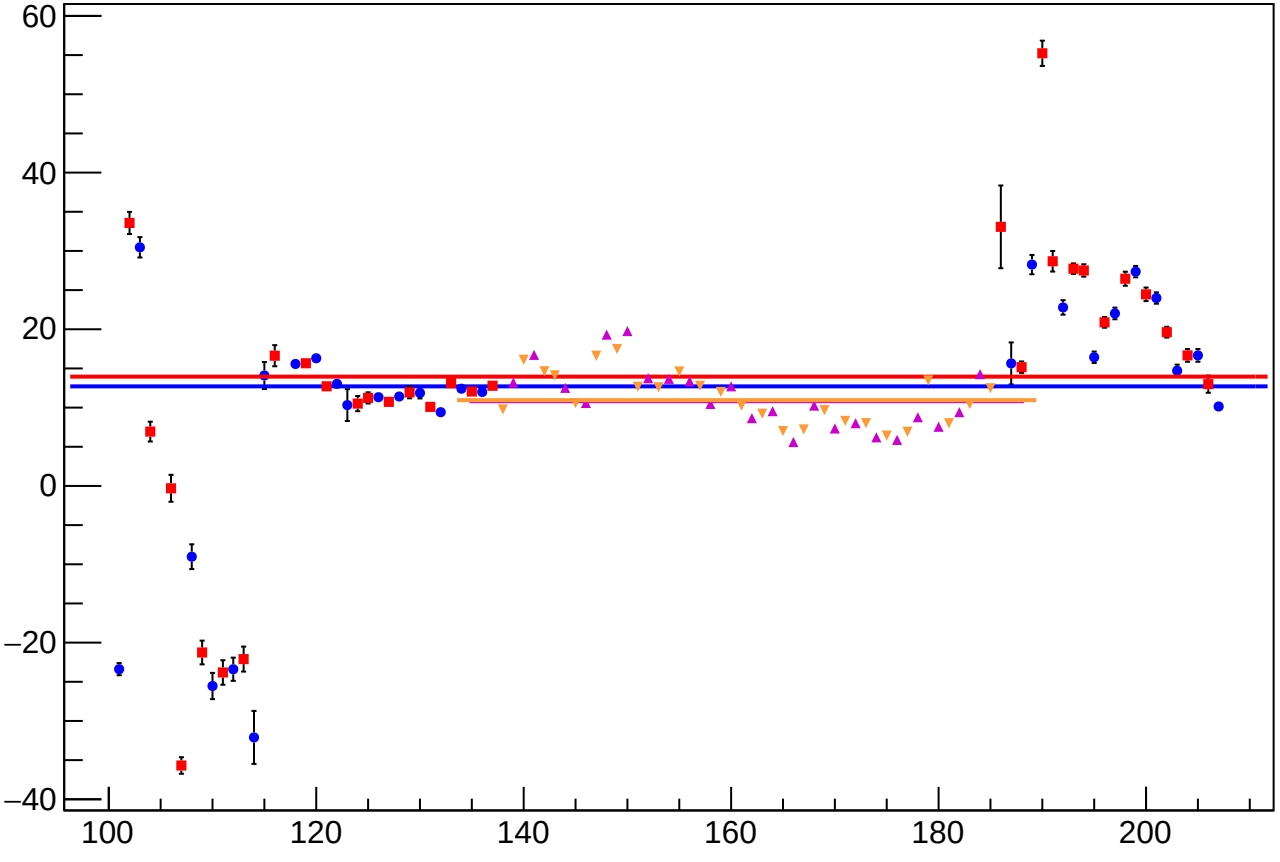
Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

+ sign -4.957+/-0.061 χ^2/NDF: 6111.7/51

All: -5.293+/-0.043 χ^2/NDF: 13343.0/104

- sign -5.628+/-0.061 χ^2/NDF: 7170.5/52

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.711+/-0.134 χ^2/NDF: 5106.4/26

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 13.953+/-0.135 χ^2/NDF: 6319.8/29

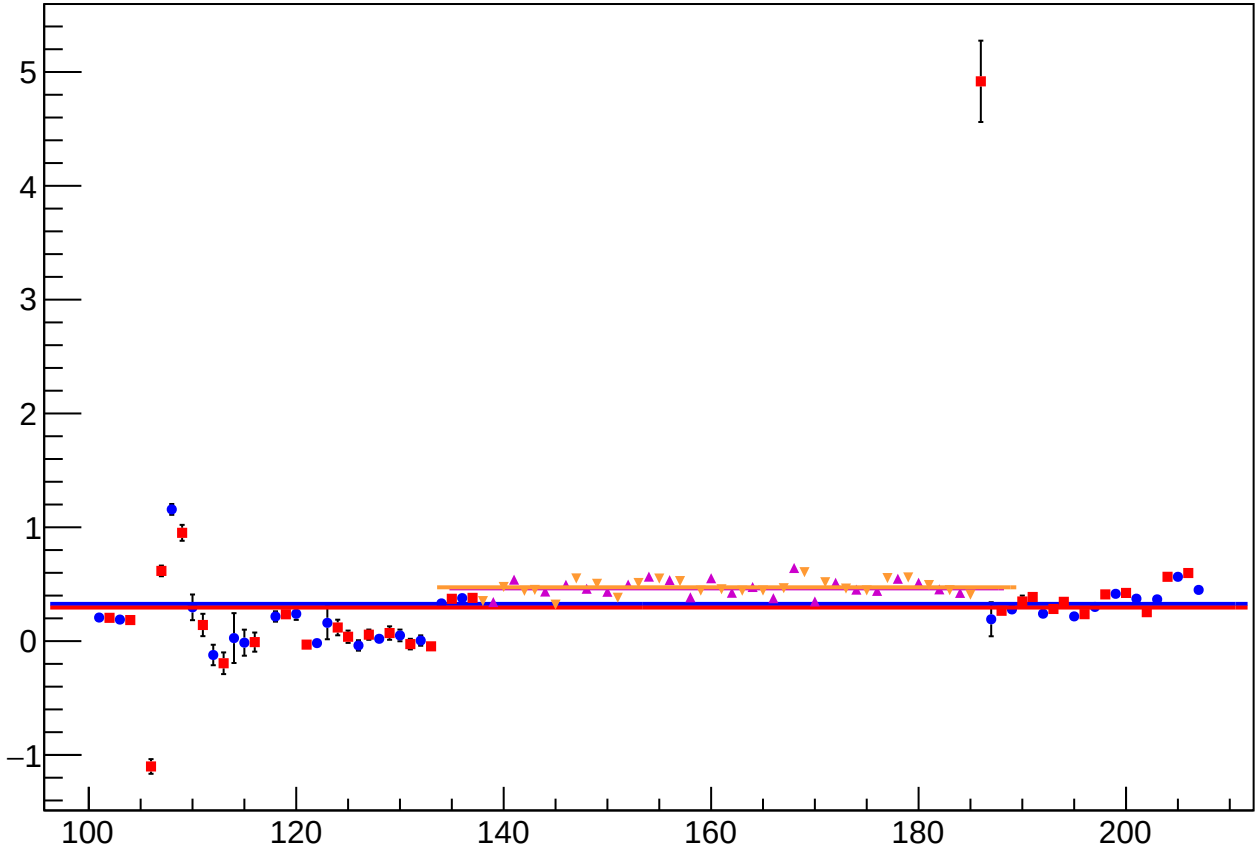
Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

+ sign 11.258+/-0.056 χ^2/NDF: 7870.1/51

All: 11.317+/-0.040 χ^2/NDF: 18212.8/104

- sign 11.378+/-0.057 χ^2/NDF: 10340.4/52

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.327+/-0.006 χ^2/NDF: 789.7/26

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.295+/-0.006 χ^2/NDF: 1330.3/29

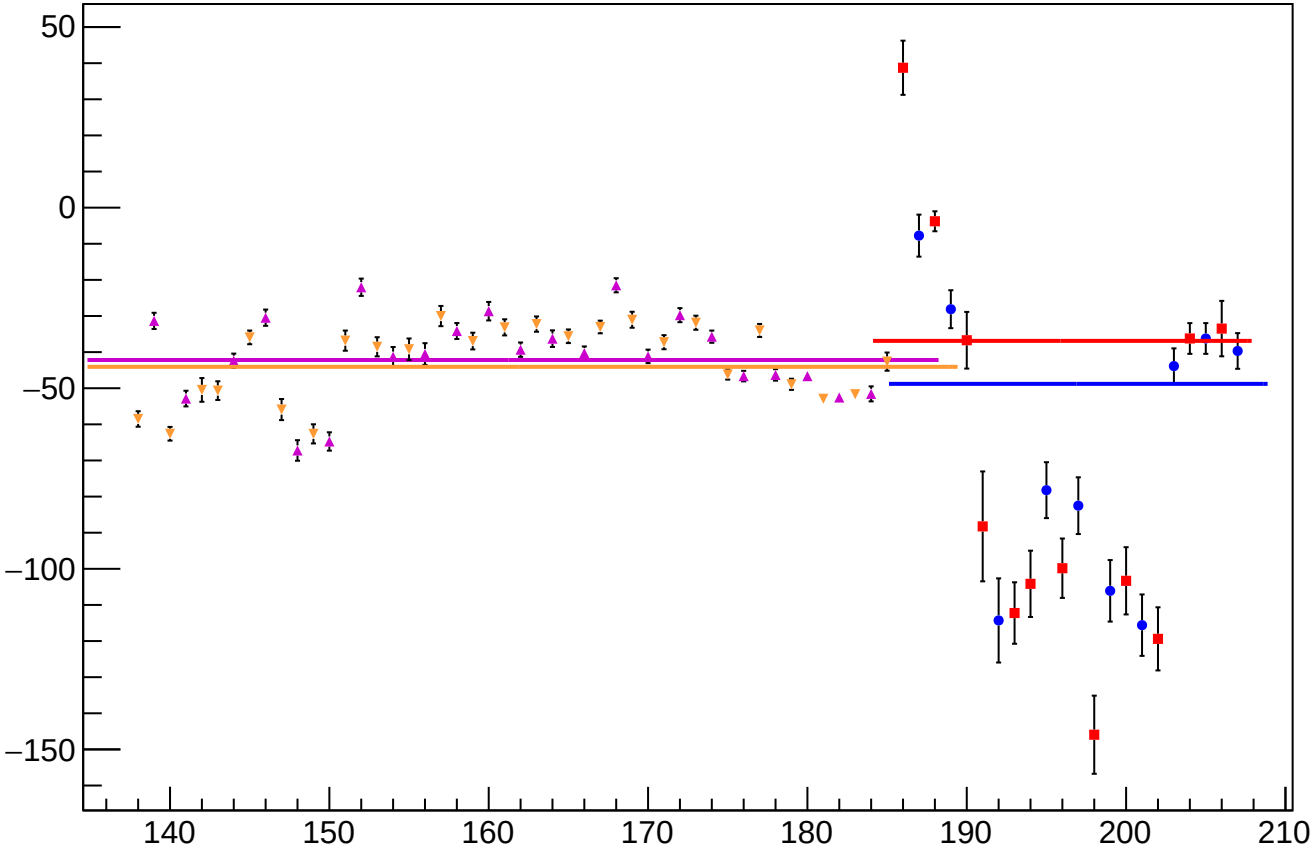
Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

+ sign 0.446+/-0.003 χ^2/NDF: 1811.0/51

All: 0.439+/-0.002 χ^2/NDF: 4582.6/104

- sign 0.433+/-0.003 χ^2/NDF: 2756.9/52

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -48.788+/-1.920 χ^2/NDF: 249.9/9

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -36.885+/-1.782 χ^2/NDF: 689.1/11

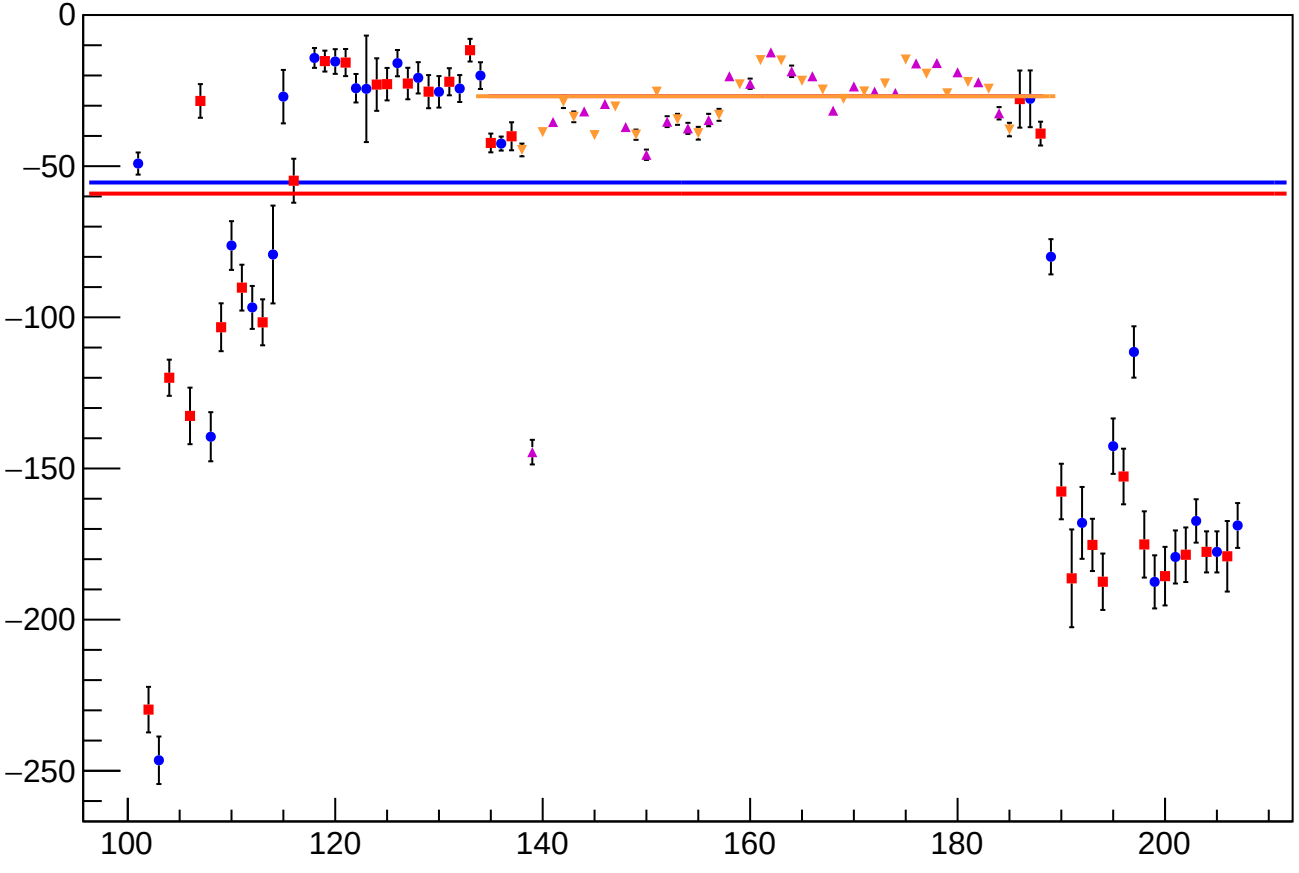
Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

+ sign -44.260+/-0.382 χ^2/NDF: 888.5/34

All: -43.117+/-0.272 χ^2/NDF: 2255.4/69

- sign -41.934+/-0.388 χ^2/NDF: 1348.6/34

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -55.400+/-1.036 χ^2/NDF: 2834.6/26

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -59.078+/-1.073 χ^2/NDF: 3019.9/29

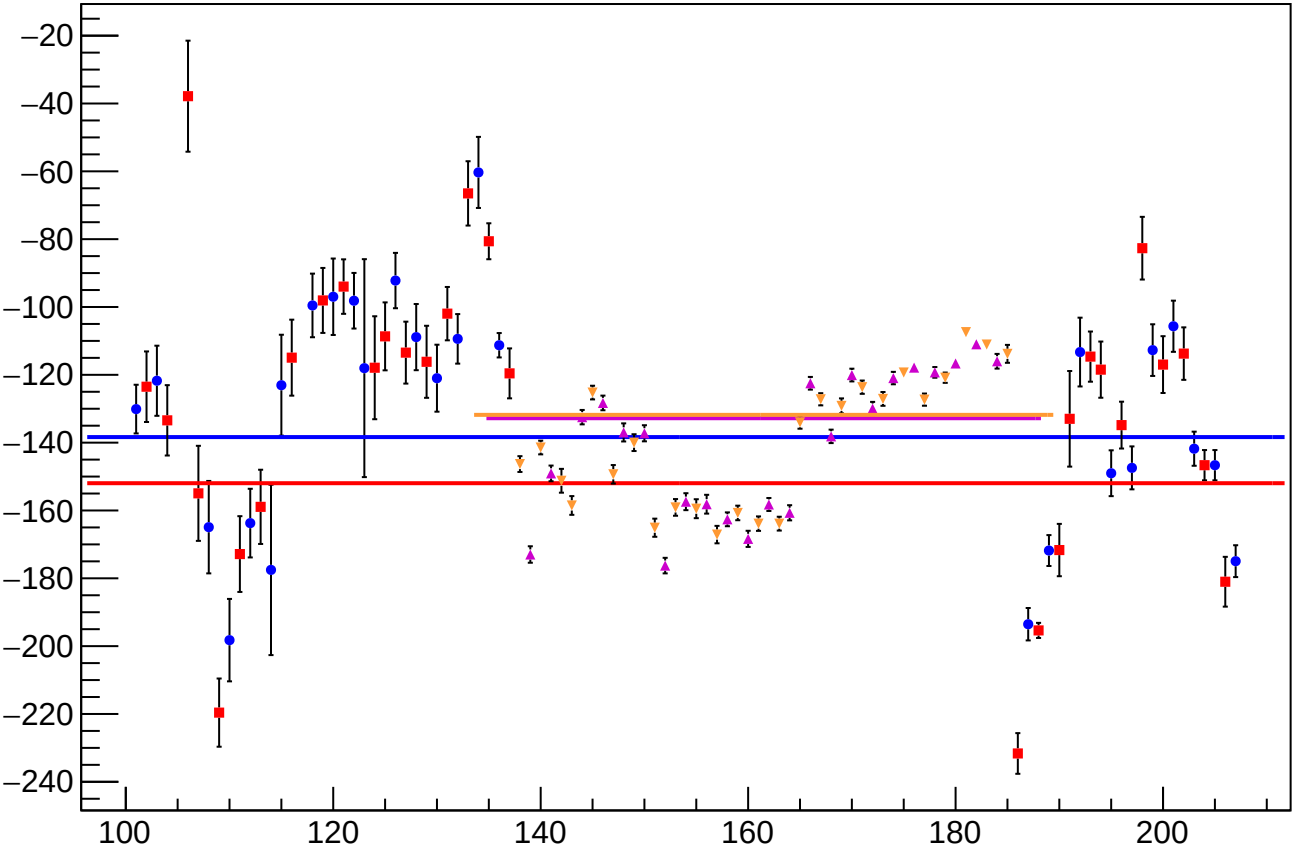
Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

+ sign -29.311+/-0.303 χ^2/NDF: 4157.8/51

All: -29.425+/-0.217 χ^2/NDF: 9487.6/104

- sign -29.545+/-0.311 χ^2/NDF: 5329.6/52

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -138.356+/-1.347 χ^2/NDF: 561.5/26

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -151.956+/-1.269 χ^2/NDF: 1305.1/29

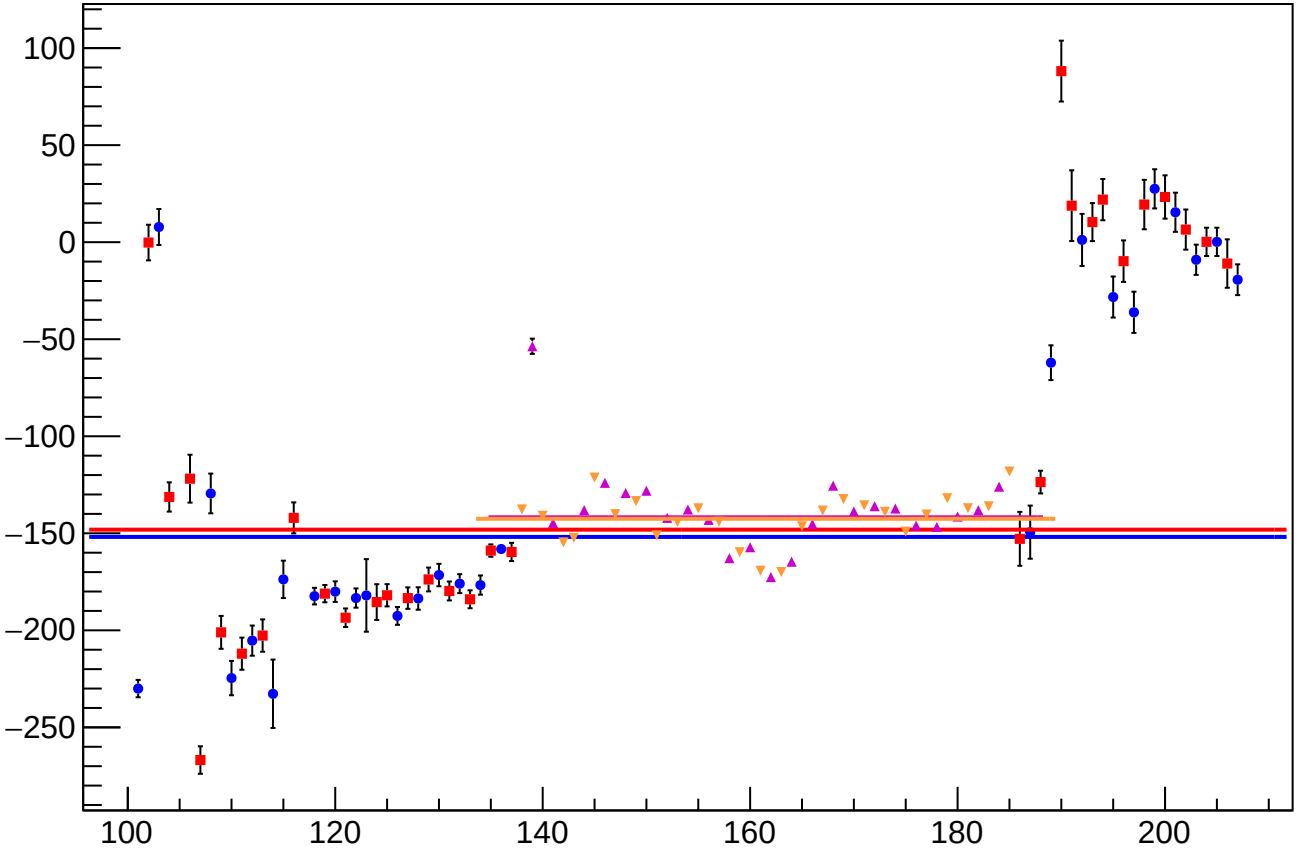
Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

+ sign -132.317+/-0.376 χ^2/NDF: 3000.3/51

All: -133.405+/-0.267 χ^2/NDF: 7045.5/104

- sign -134.513+/-0.380 χ^2/NDF: 4028.3/52

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -151.863+/-1.167 χ^2/NDF: 3172.4/26

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -148.120+/-1.230 χ^2/NDF: 3246.4/29

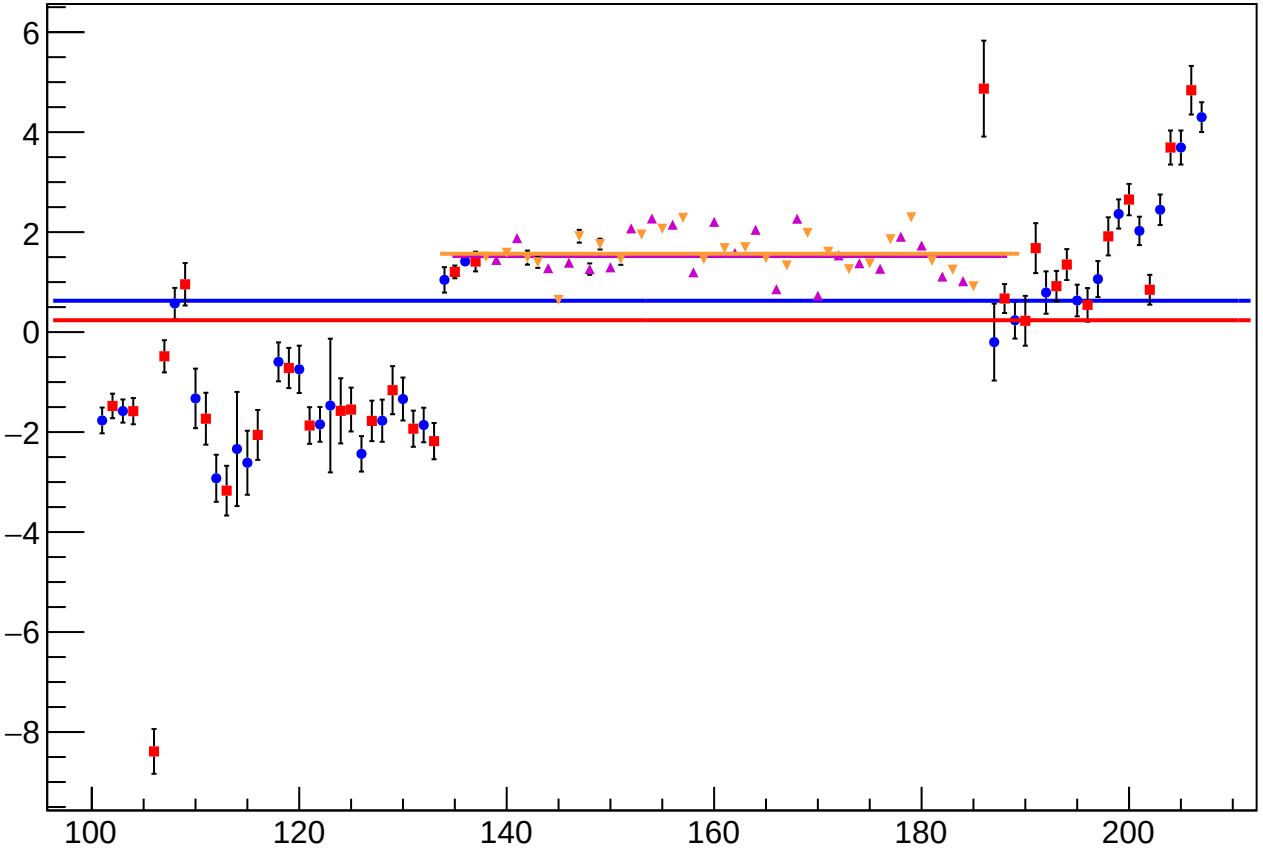
Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

+ sign -143.308+/-0.339 χ^2/NDF: 4375.3/51

All: -142.805+/-0.243 χ^2/NDF: 9255.1/104

- sign -142.277+/-0.348 χ^2/NDF: 4875.3/52

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.627+/-0.057 χ^2/NDF: 927.9/26

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: 0.237+/-0.059 χ^2/NDF: 1155.9/29

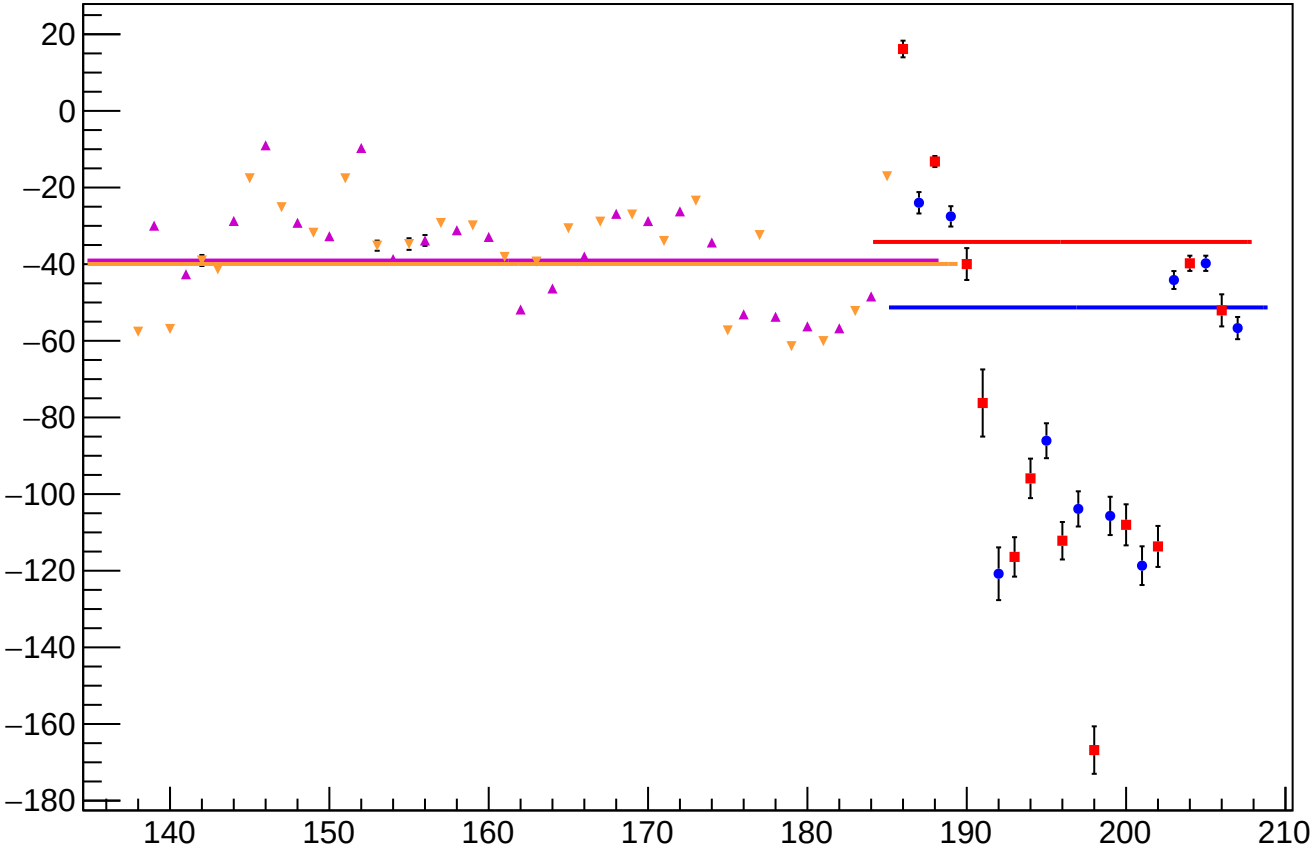
Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

+ sign 1.497+/-0.016 χ^2/NDF: 1722.5/51

All: 1.463+/-0.011 χ^2/NDF: 4069.7/104

- sign 1.429+/-0.016 χ^2/NDF: 2337.8/52

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -51.292+/-0.990 χ^2/NDF: 810.0/9

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -34.197+/-0.881 χ^2/NDF: 2322.0/11

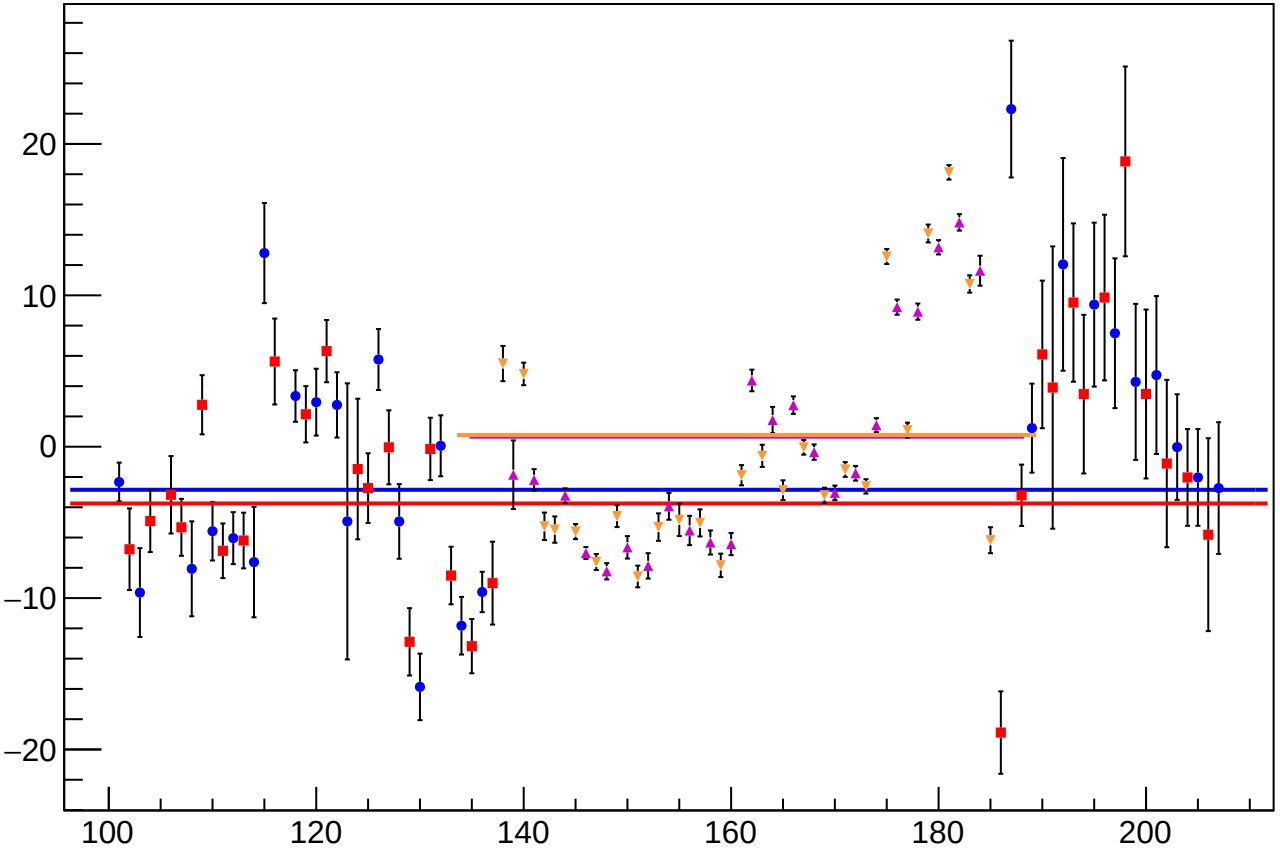
Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

+ sign -40.208+/-0.152 χ^2/NDF: 10744.6/34

All: -39.563+/-0.107 χ^2/NDF: 21709.4/69

- sign -38.916+/-0.152 χ^2/NDF: 10928.5/34

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.845+/-0.464 χ^2/NDF: 220.3/26

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.750+/-0.464 χ^2/NDF: 189.0/29

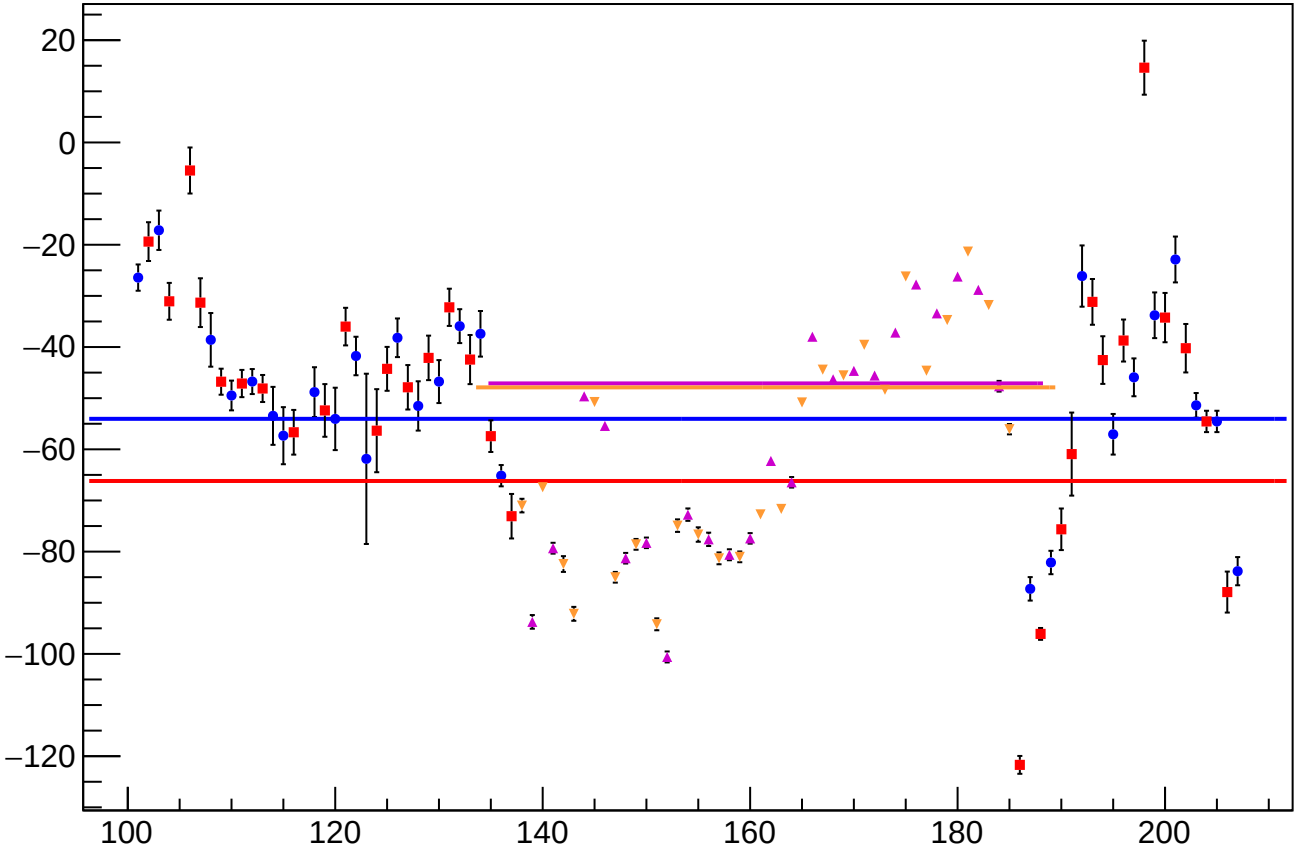
Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

+ sign 0.528+/-0.120 χ^2/NDF: 4229.9/51

All: 0.448+/-0.085 χ^2/NDF: 7845.0/104

- sign 0.368+/-0.120 χ^2/NDF: 3614.1/52

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -54.037+/-0.637 χ^2/NDF: 907.4/26

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -66.190+/-0.576 χ^2/NDF: 3099.4/29

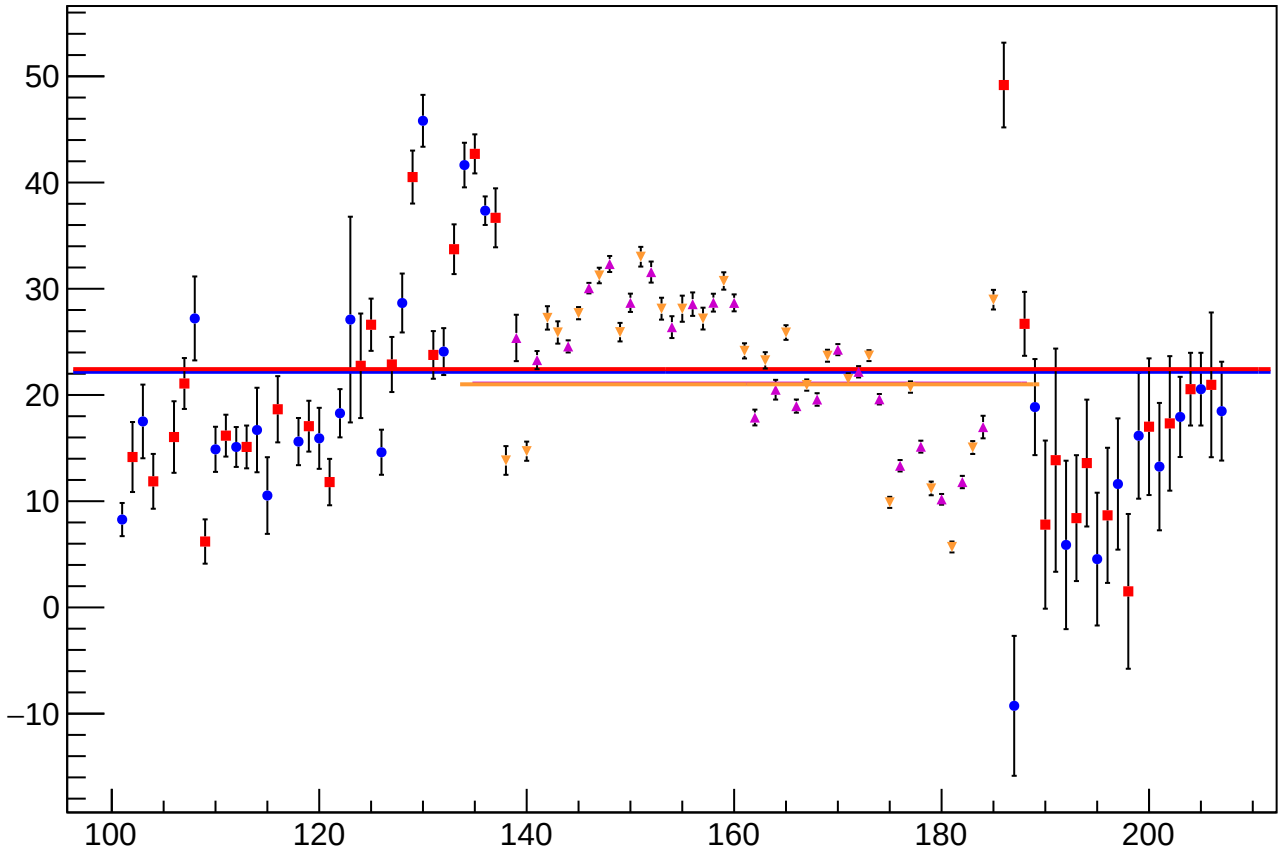
Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

+ sign -48.232+/-0.150 χ^2/NDF: 17702.7/51

All: -48.314+/-0.106 χ^2/NDF: 37480.0/104

- sign -48.395+/-0.149 χ^2/NDF: 19776.7/52

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.182+/-0.525 χ^2/NDF: 507.6/26

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.434+/-0.534 χ^2/NDF: 441.5/29

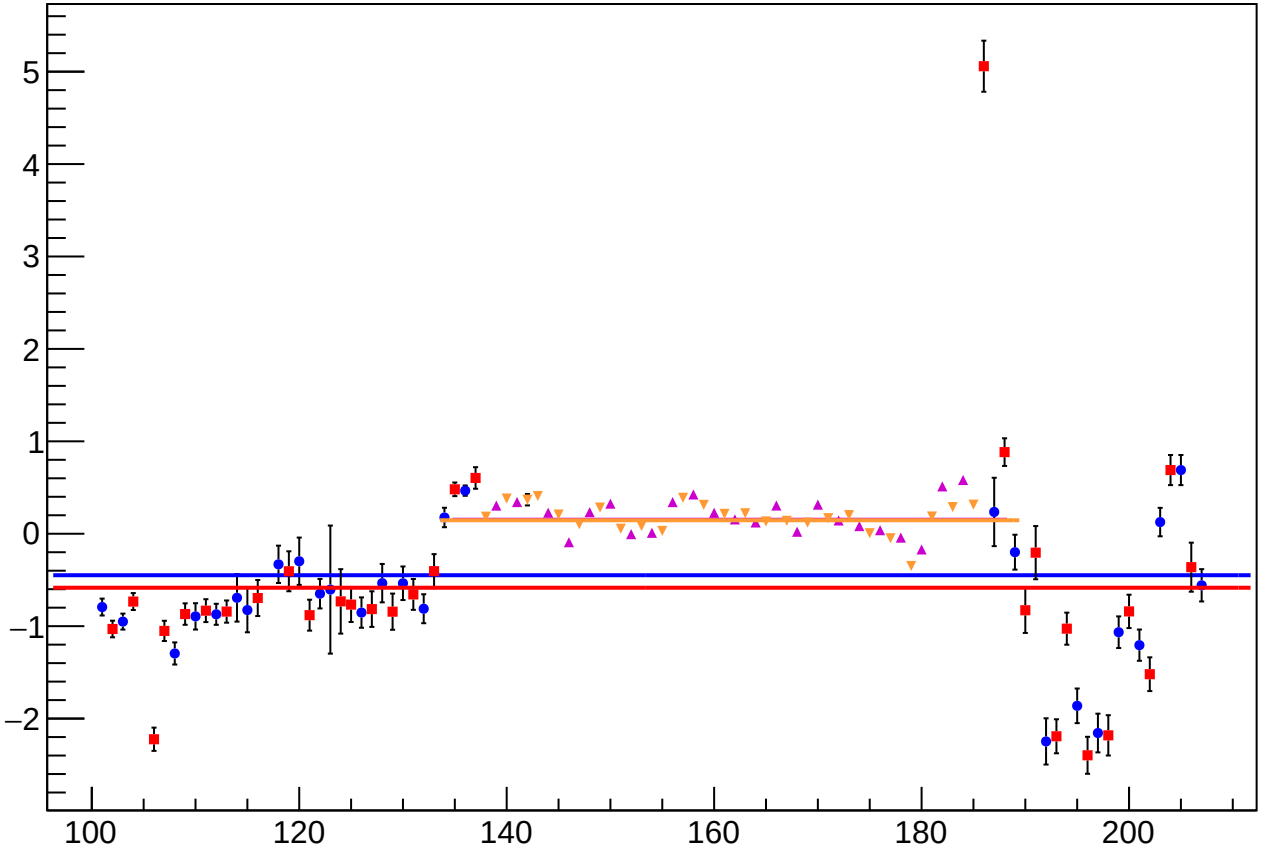
Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

+ sign 21.082+/-0.134 χ^2/NDF: 3301.8/51

All: 21.119+/-0.095 χ^2/NDF: 5926.3/104

- sign 21.156+/-0.135 χ^2/NDF: 2624.3/52

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.449+/-0.027 χ^2/NDF: 719.3/26

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.584+/-0.027 χ^2/NDF: 1376.2/29

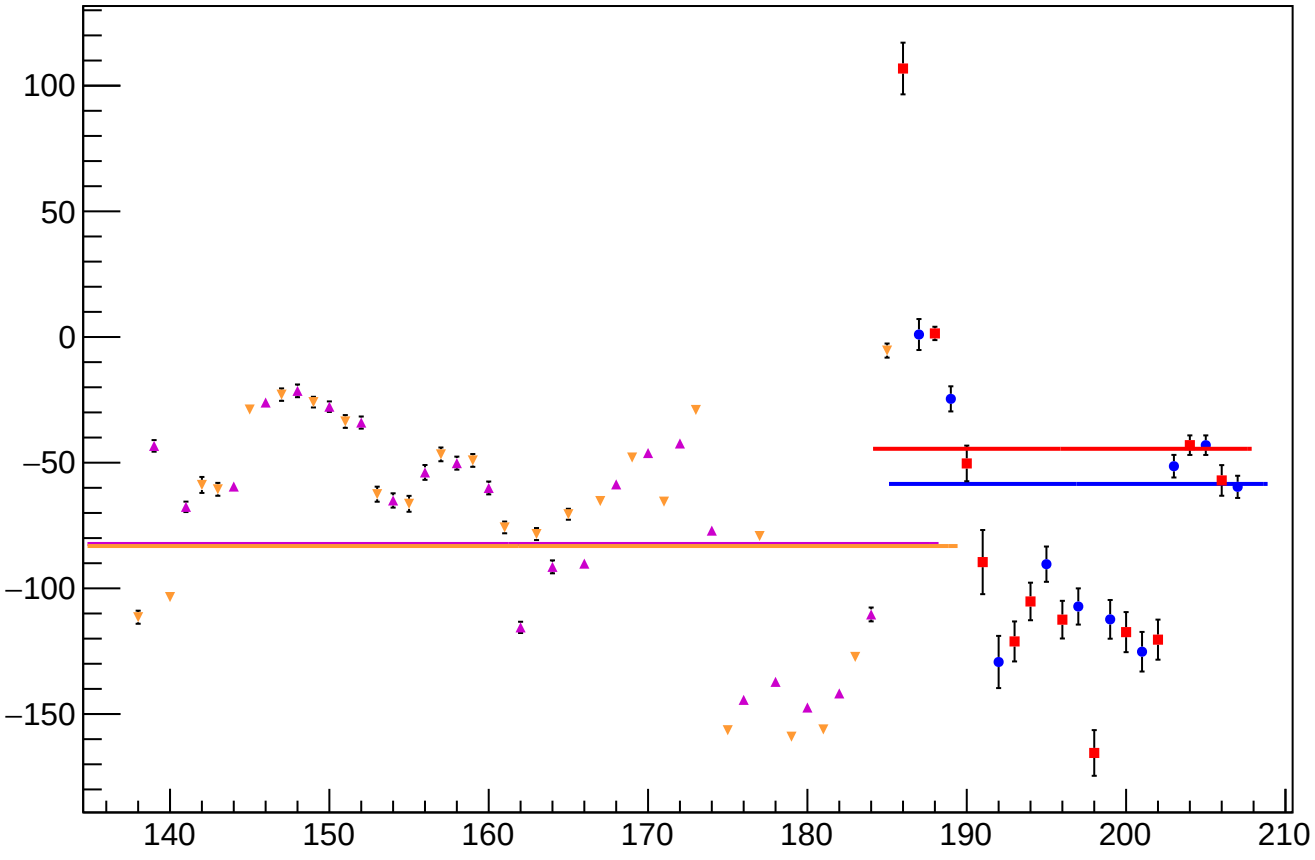
Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

+ sign 0.114+/-0.006 χ^2/NDF: 1795.0/51

All: 0.113+/-0.004 χ^2/NDF: 4762.4/104

- sign 0.112+/-0.006 χ^2/NDF: 2967.3/52

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -58.452+/-1.782 χ^2/NDF: 390.9/9

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -44.474+/-1.654 χ^2/NDF: 1126.3/11

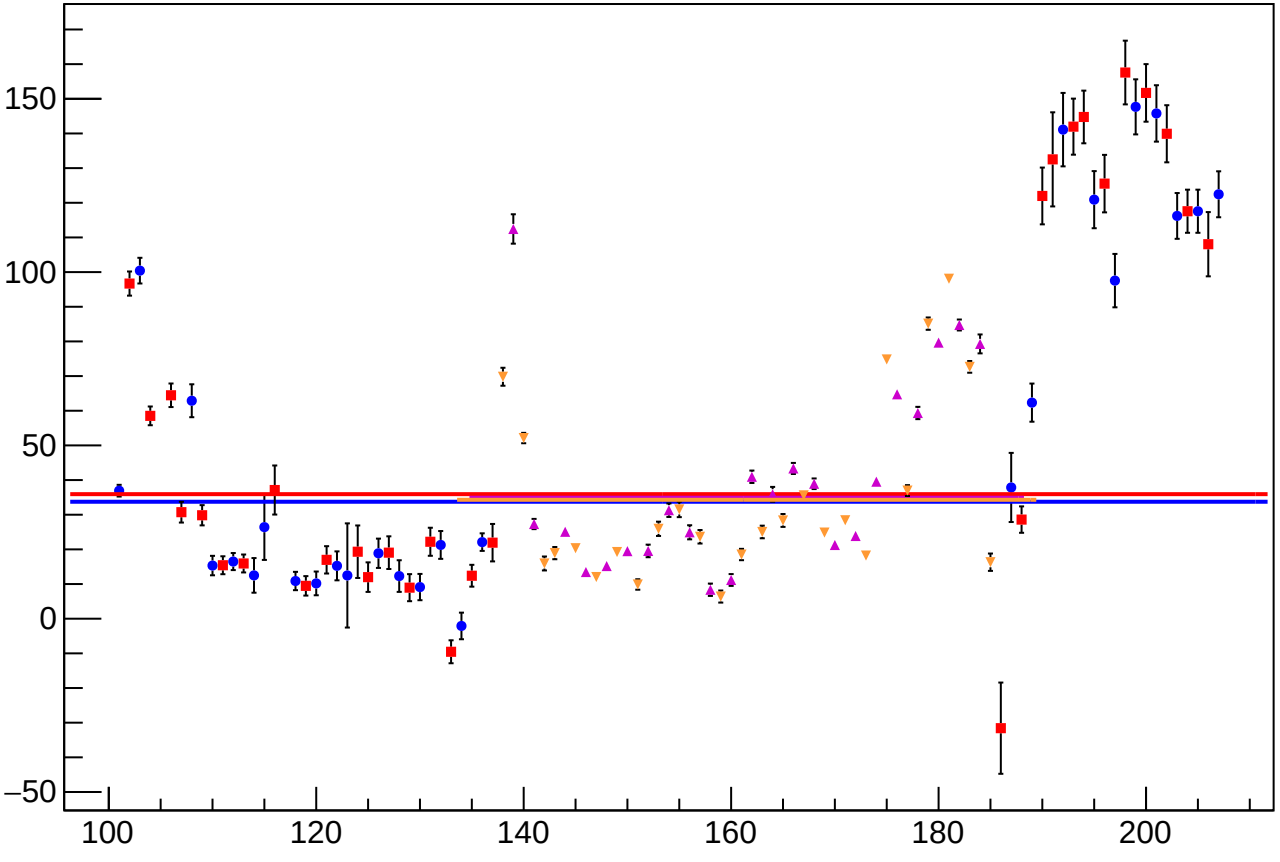
Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

+ sign -81.937+/-0.397 χ^2/NDF: 14368.0/34

All: -81.037+/-0.282 χ^2/NDF: 26953.2/69

- sign -80.119+/-0.401 χ^2/NDF: 12574.8/34

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 33.742+/-0.757 χ^2/NDF: 2036.1/26

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 35.934+/-0.759 χ^2/NDF: 2492.2/29

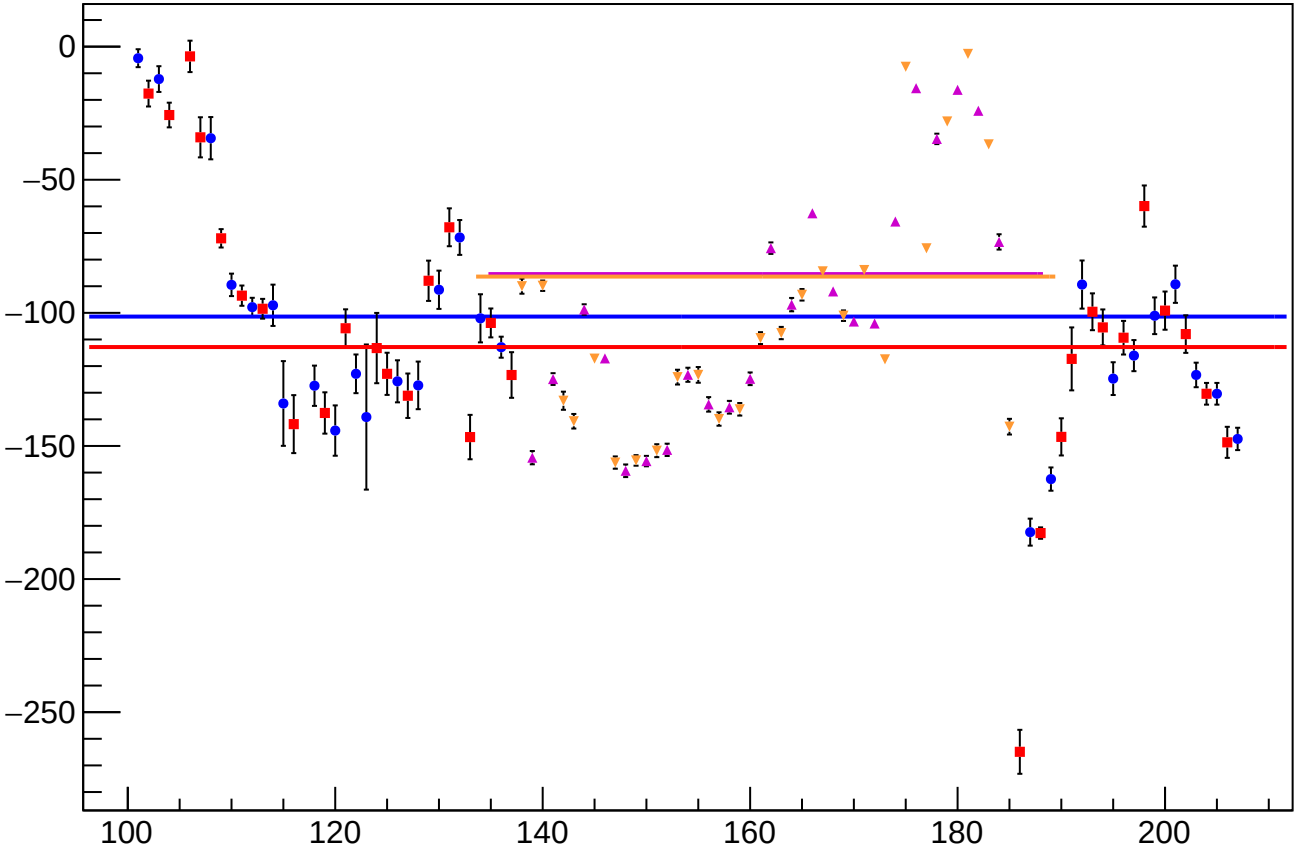
Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

+ sign 34.220+/-0.295 χ^2/NDF: 8200.3/51

All: 34.630+/-0.211 χ^2/NDF: 15452.6/104

- sign 35.057+/-0.301 χ^2/NDF: 7248.3/52

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -101.400+/-1.075 χ^2/NDF: 2016.0/26

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -112.847+/-0.993 χ^2/NDF: 3004.1/29

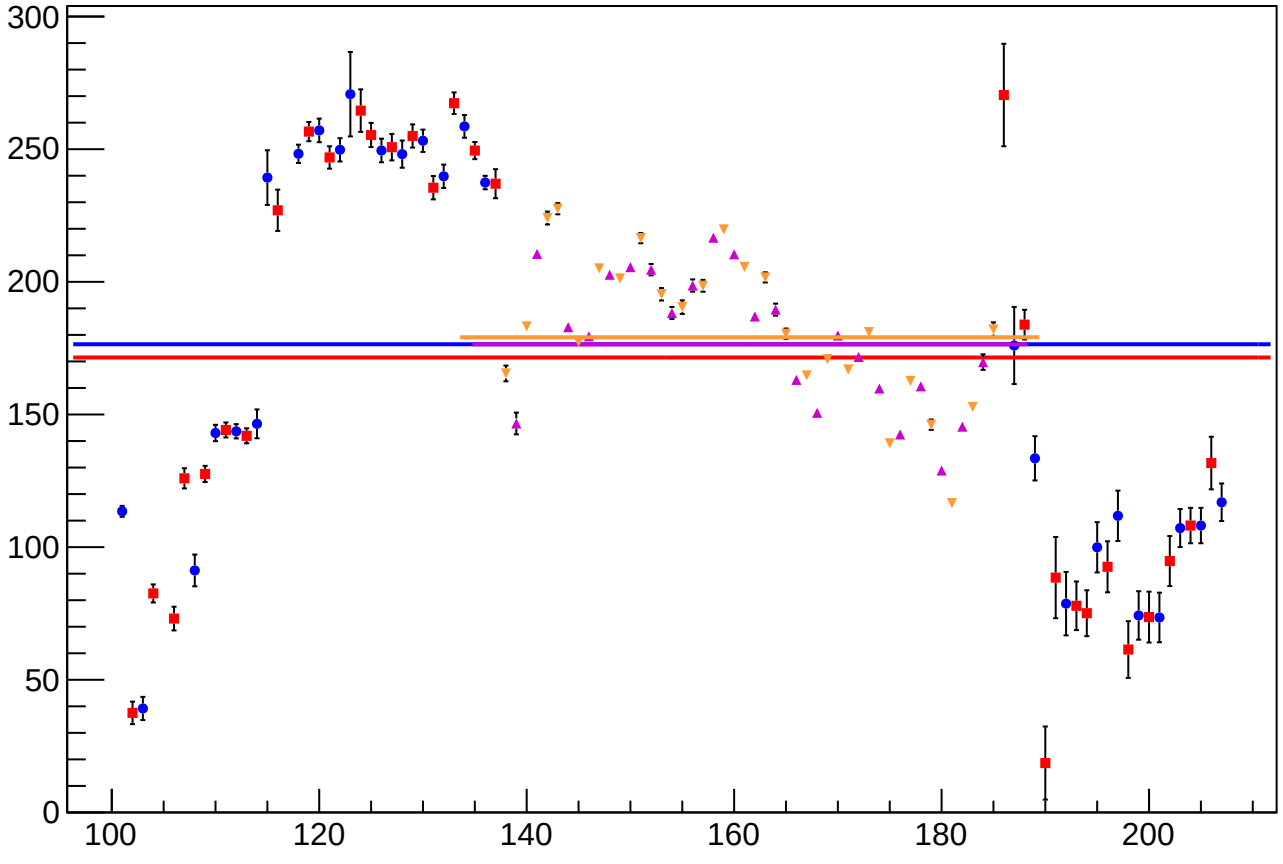
Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

+ sign -88.279+/-0.382 χ^2/NDF: 16621.8/51

All: -88.883+/-0.270 χ^2/NDF: 33279.0/104

- sign -89.484+/-0.381 χ^2/NDF: 16652.3/52

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 176.470+/-0.867 χ^2/NDF: 6194.3/26

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 171.485+/-0.874 χ^2/NDF: 7087.4/29

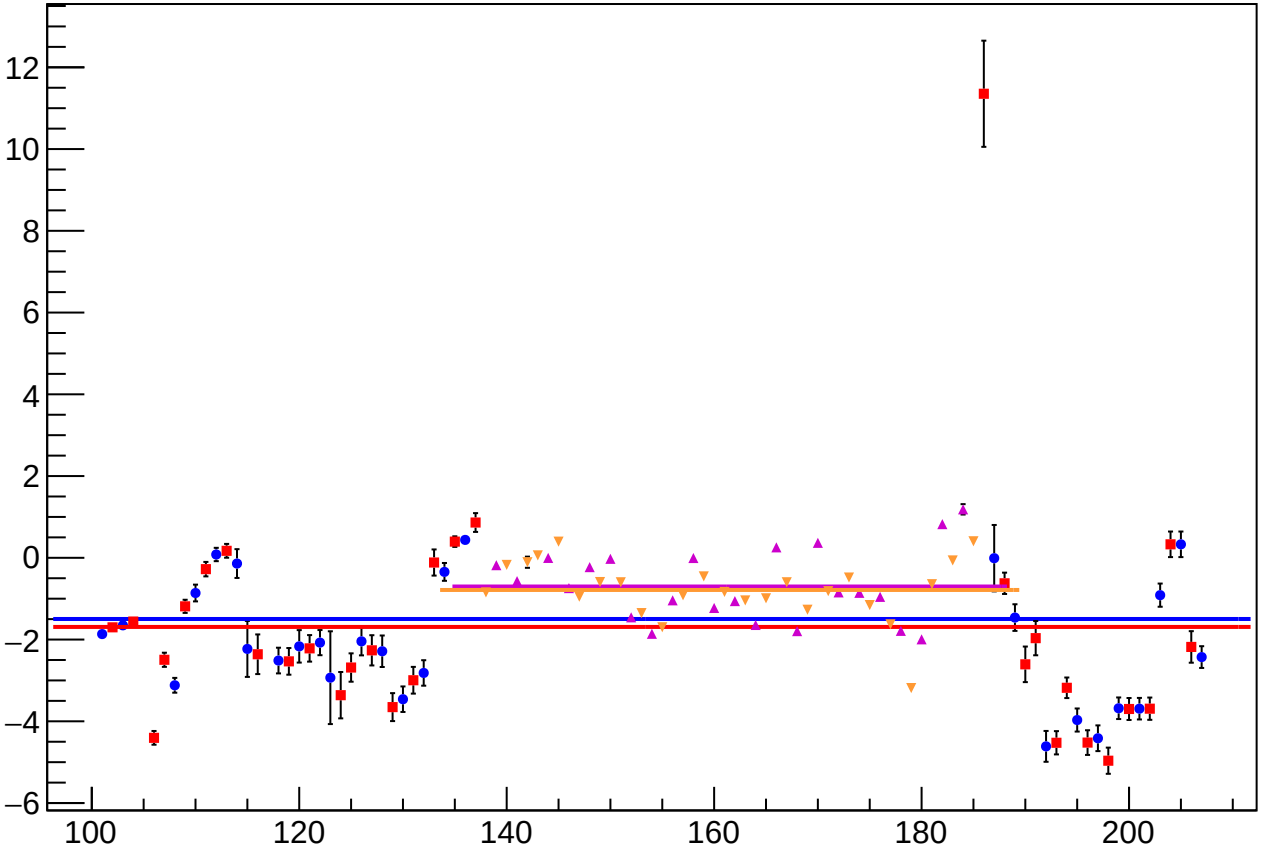
Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

+ sign 178.716+/-0.334 χ^2/NDF: 12079.7/51

All: 177.232+/-0.239 χ^2/NDF: 23676.6/104

- sign 175.696+/-0.340 χ^2/NDF: 11556.9/52

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.497+/-0.043 χ^2/NDF: 1084.5/26

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.691+/-0.041 χ^2/NDF: 1567.9/29

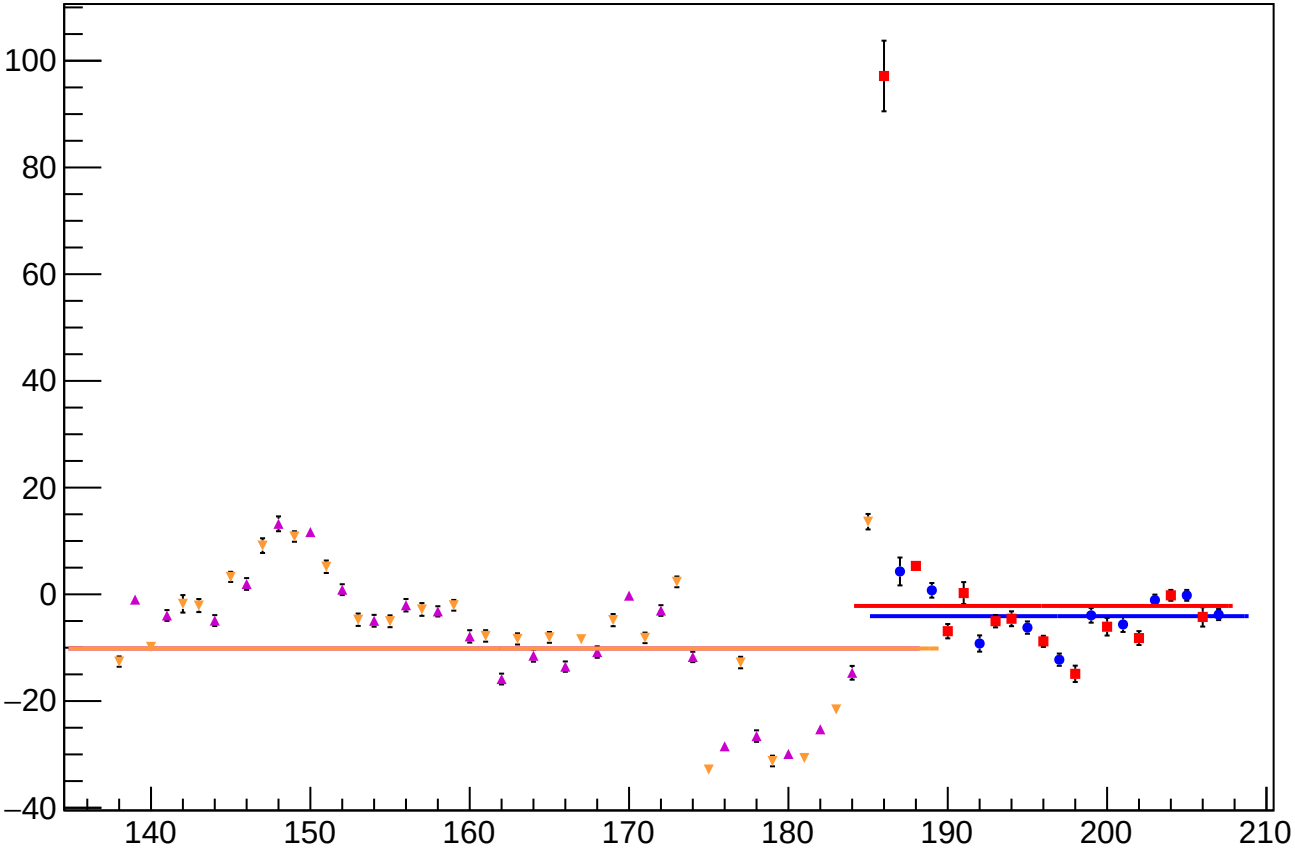
Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

+ sign -0.879+/-0.016 χ^2/NDF: 3081.5/51

All: -0.861+/-0.011 χ^2/NDF: 7568.4/104

- sign -0.844+/-0.016 χ^2/NDF: 4484.4/52

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -4.092+/-0.392 χ^2/NDF: 112.5/9

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -2.174+/-0.352 χ^2/NDF: 526.6/11

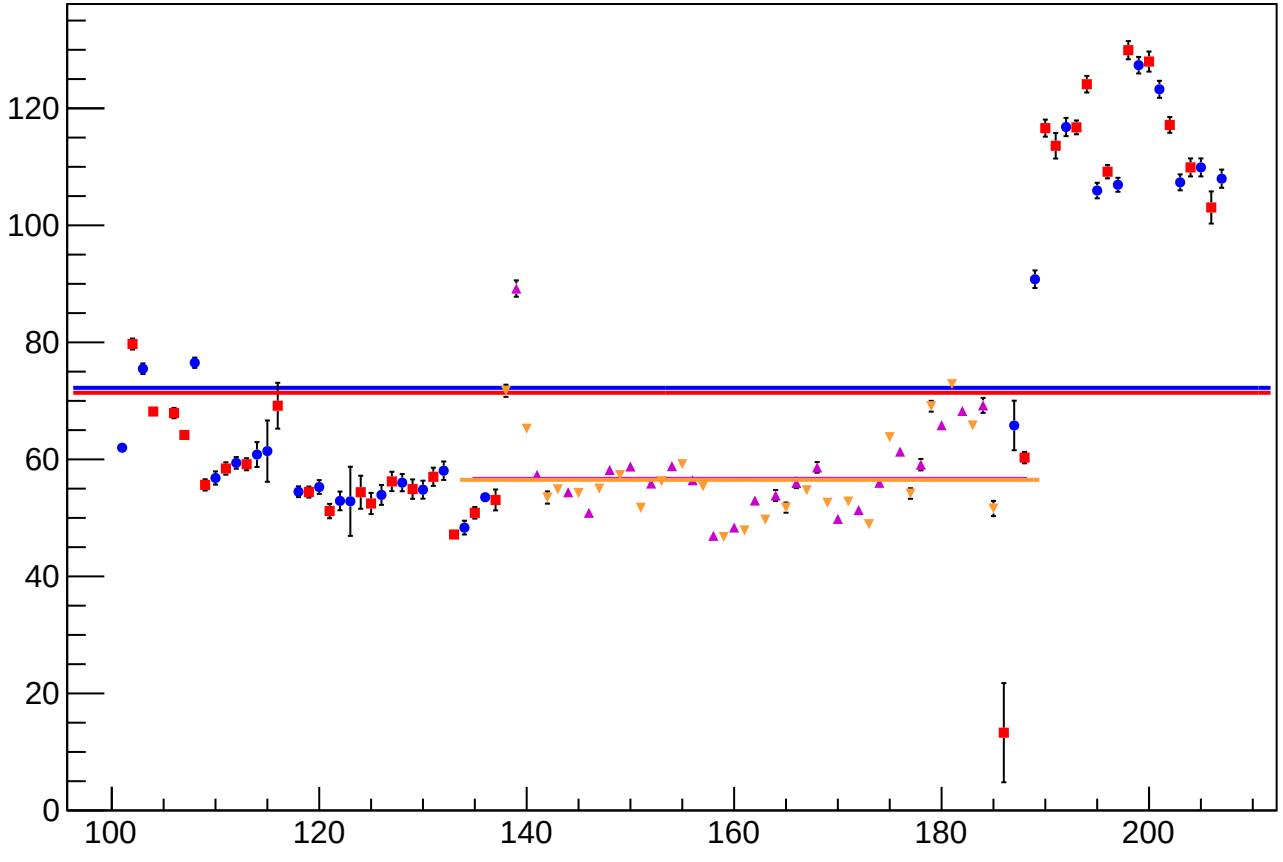
Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

+ sign -8.881+/-0.179 χ^2/NDF: 4429.4/34

All: -8.506+/-0.126 χ^2/NDF: 8840.9/69

- sign -8.144+/-0.176 χ^2/NDF: 4403.0/34

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 72.230+/-0.229 χ^2/NDF: 9916.8/26

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 71.382+/-0.215 χ^2/NDF: 13506.4/29

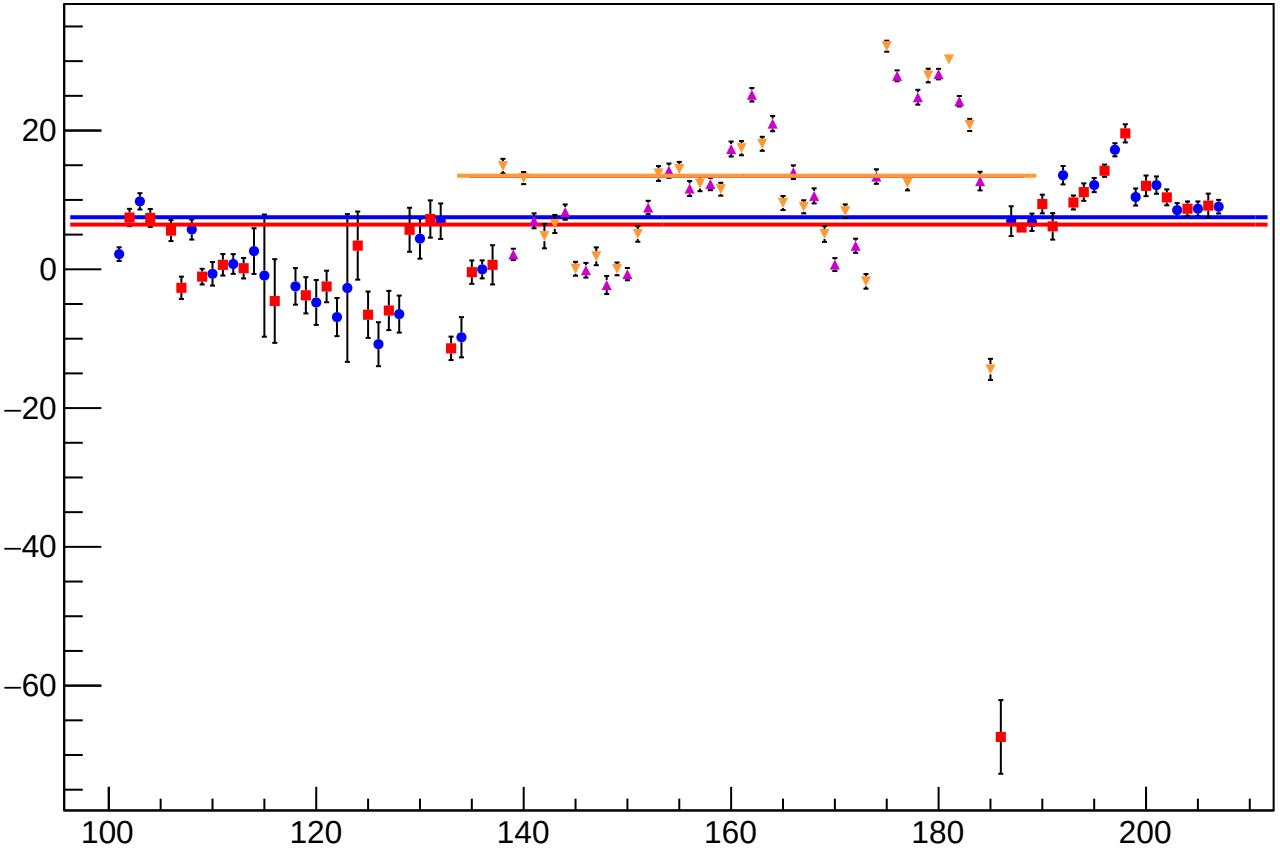
Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

+ sign 61.646+/-0.131 χ^2/NDF: 15063.4/51

All: 61.883+/-0.092 χ^2/NDF: 33211.0/104

- sign 62.121+/-0.131 χ^2/NDF: 18140.9/52

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 7.506+/-0.283 χ^2/NDF: 442.3/26

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 6.444+/-0.251 χ^2/NDF: 744.4/29

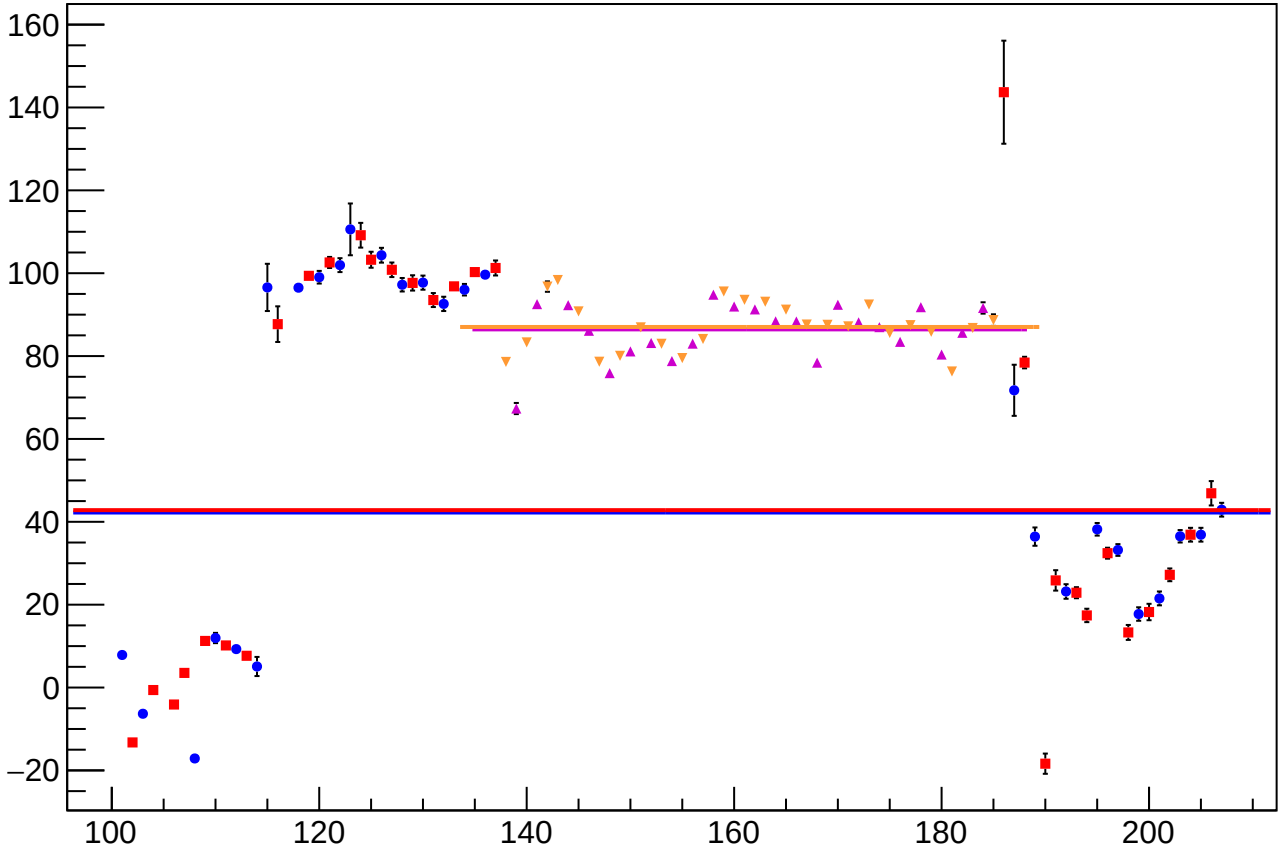
Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

+ sign 11.472+/-0.164 χ^2/NDF: 3468.7/51

All: 11.060+/-0.114 χ^2/NDF: 7069.2/104

- sign 10.680+/-0.158 χ^2/NDF: 3588.4/52

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 42.246+/-0.265 χ^2/NDF: 25775.3/26

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 42.813+/-0.253 χ^2/NDF: 30477.9/29

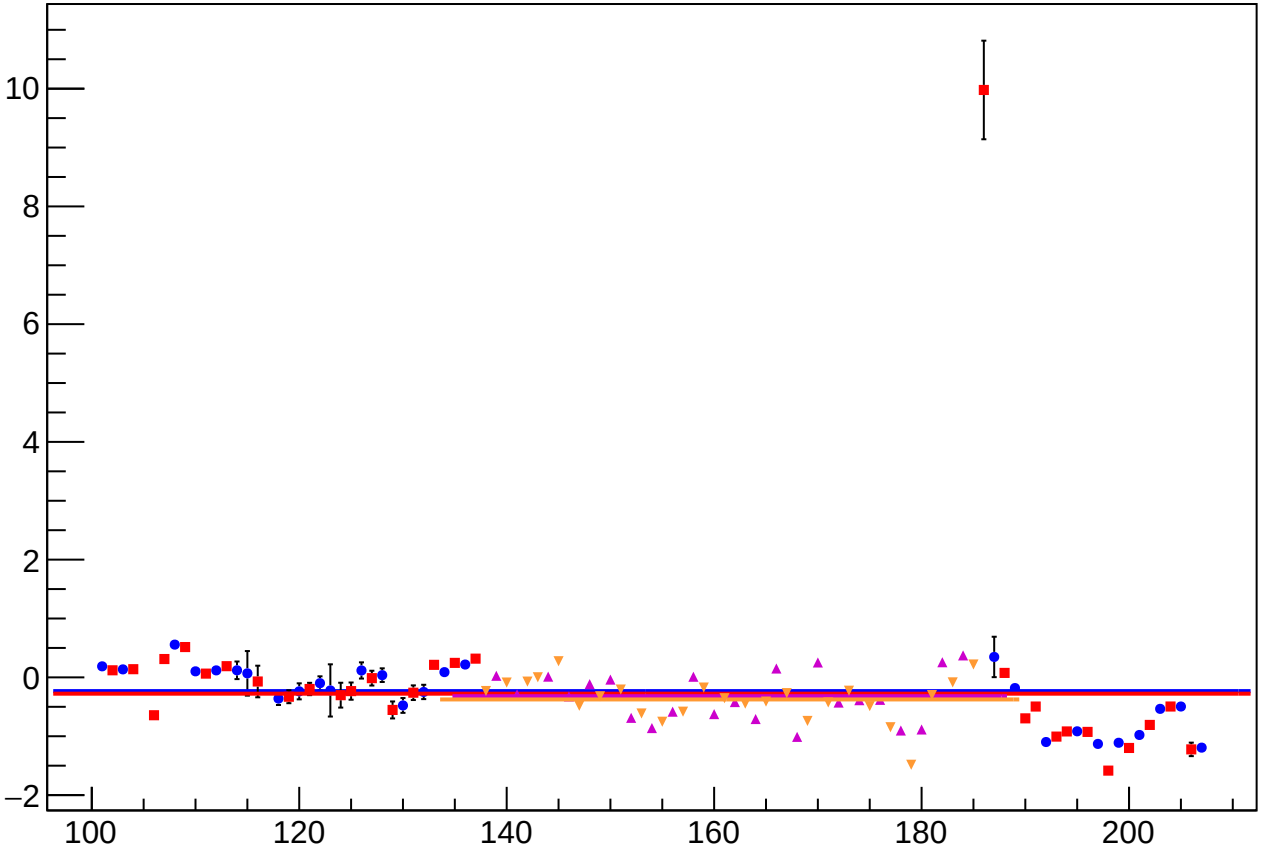
Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

+ sign 72.932+/-0.149 χ^2/NDF: 46420.0/51

All: 72.140+/-0.105 χ^2/NDF: 97449.9/104

- sign 71.346+/-0.149 χ^2/NDF: 50973.0/52

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.233+/-0.011 χ^2/NDF: 2939.1/26

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.277+/-0.010 χ^2/NDF: 3405.5/29

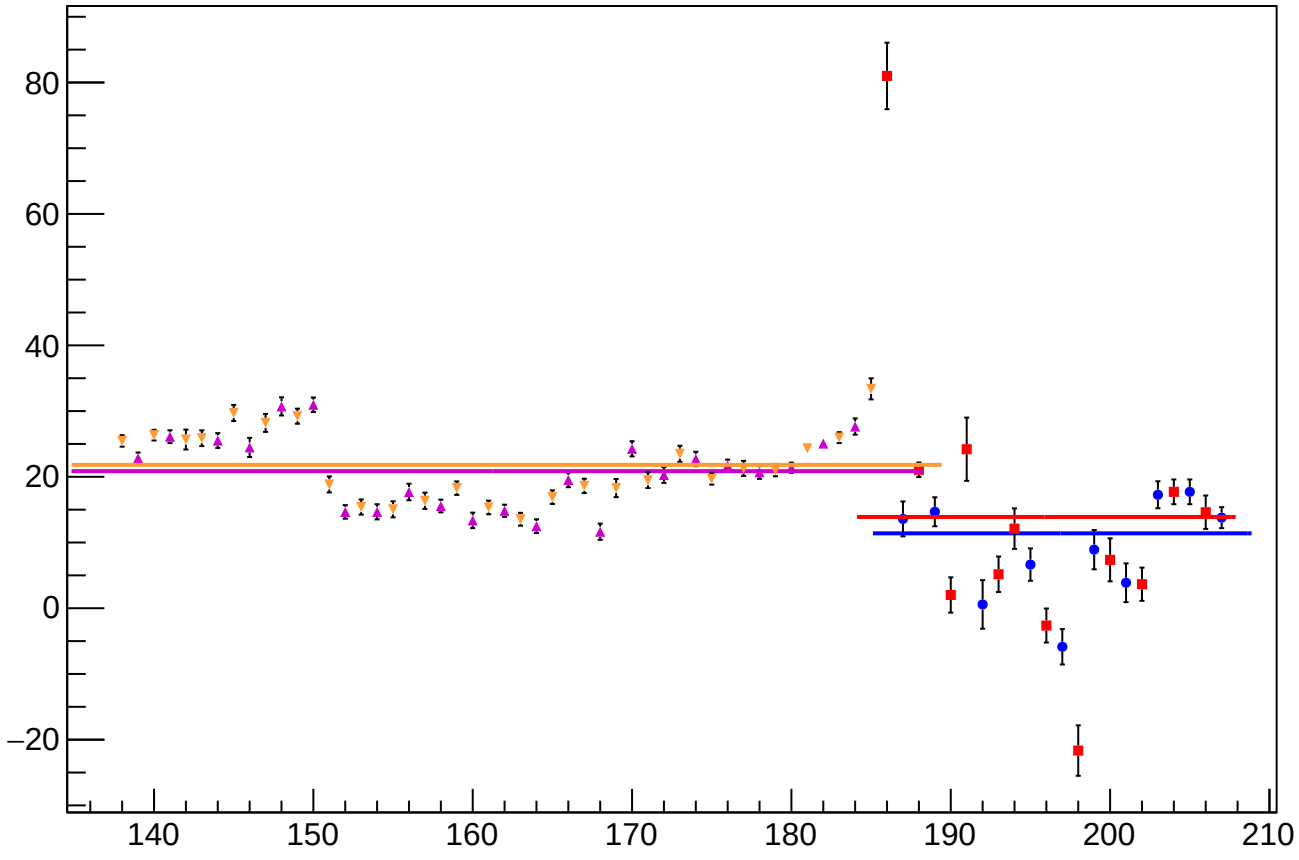
Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

+ sign -0.324+/-0.007 χ^2/NDF: 4704.6/51

All: -0.314+/-0.005 χ^2/NDF: 10451.2/104

- sign -0.303+/-0.006 χ^2/NDF: 5741.3/52

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 11.397+/-0.733 χ^2/NDF: 85.2/9

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 13.890+/-0.677 χ^2/NDF: 403.6/11

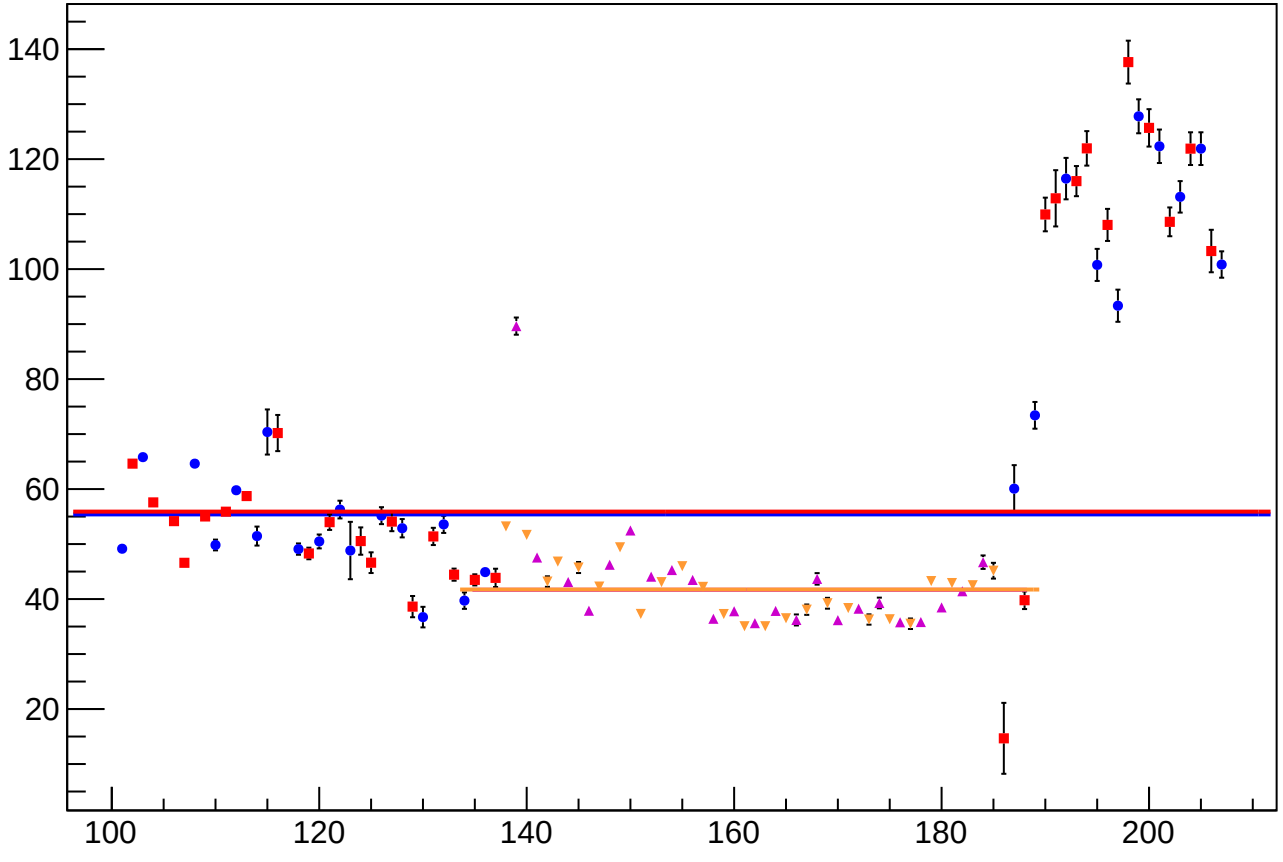
Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

+ sign 21.025+/-0.202 χ^2/NDF: 794.7/34

All: 20.628+/-0.144 χ^2/NDF: 1878.0/69

- sign 20.218+/-0.205 χ^2/NDF: 1075.5/34

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 55.395+/-0.205 χ^2/NDF: 4357.4/26

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 55.901+/-0.220 χ^2/NDF: 4720.6/29

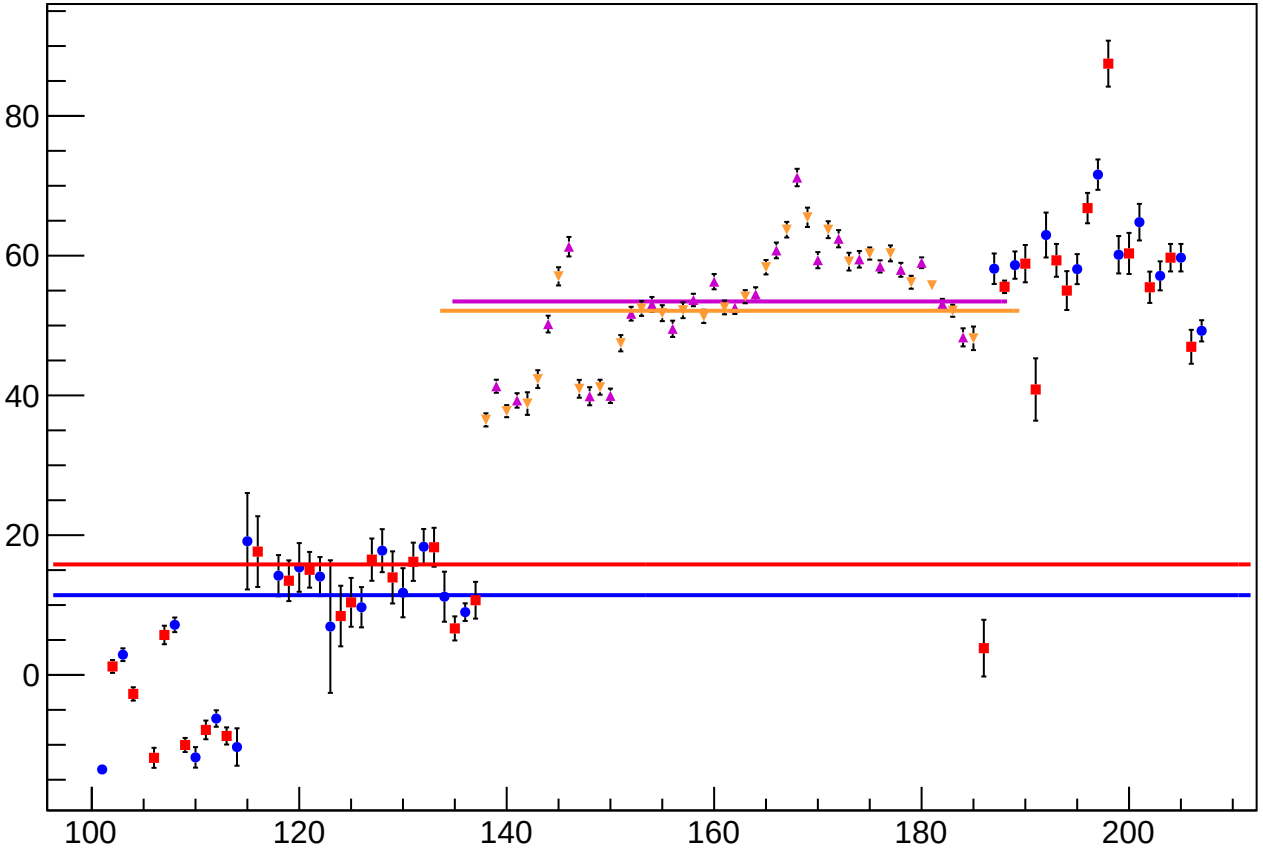
Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

+ sign 47.137+/-0.129 χ^2/NDF: 8055.6/51

All: 47.137+/-0.094 χ^2/NDF: 17071.3/104

- sign 47.137+/-0.136 χ^2/NDF: 9015.7/52

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 11.414+/-0.320 χ^2/NDF: 7266.6/26

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 15.814+/-0.320 χ^2/NDF: 7521.2/29

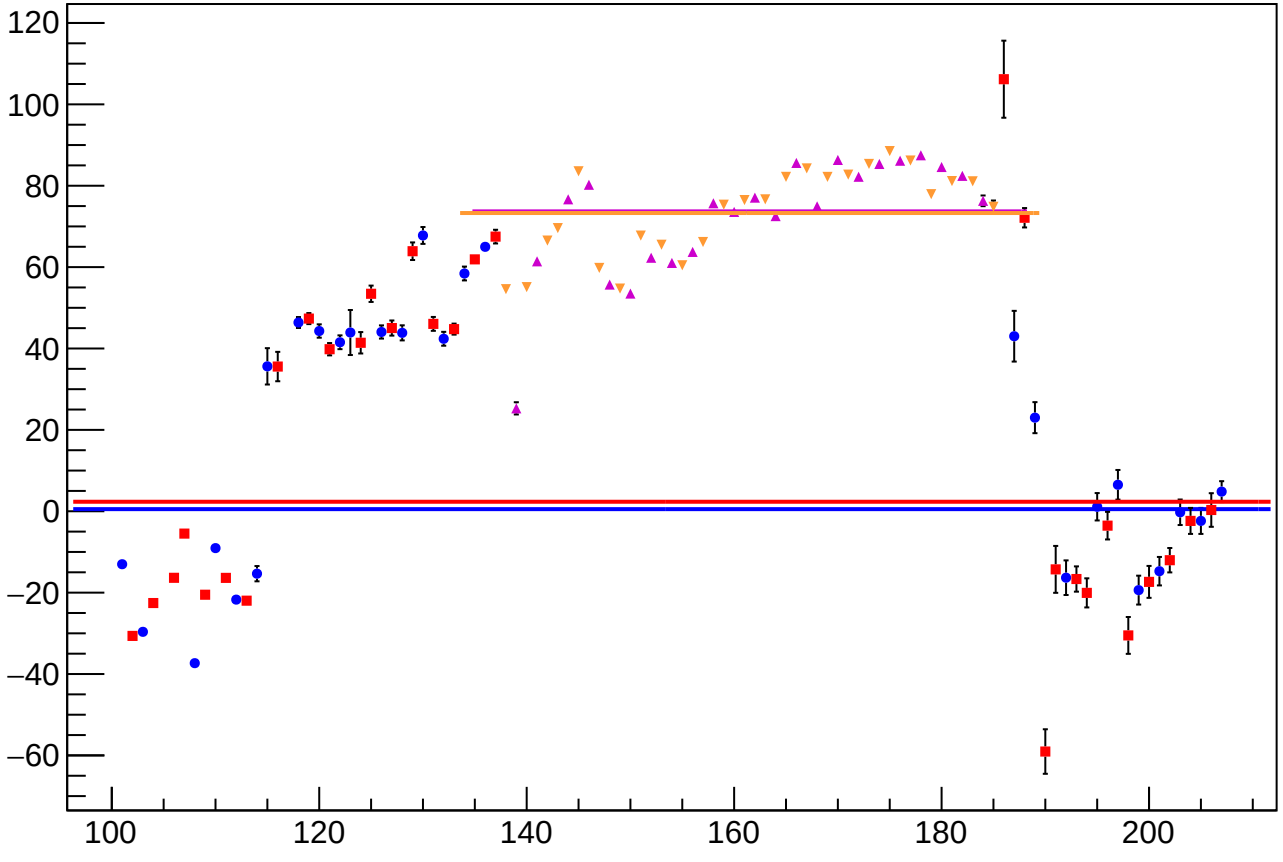
Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

+ sign 39.832+/-0.176 χ^2/NDF: 20002.0/51

All: 40.793+/-0.125 χ^2/NDF: 38302.5/104

- sign 41.778+/-0.178 χ^2/NDF: 18240.1/52

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.522+/-0.241 χ^2/NDF: 18577.6/26

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.338+/-0.259 χ^2/NDF: 16675.8/29

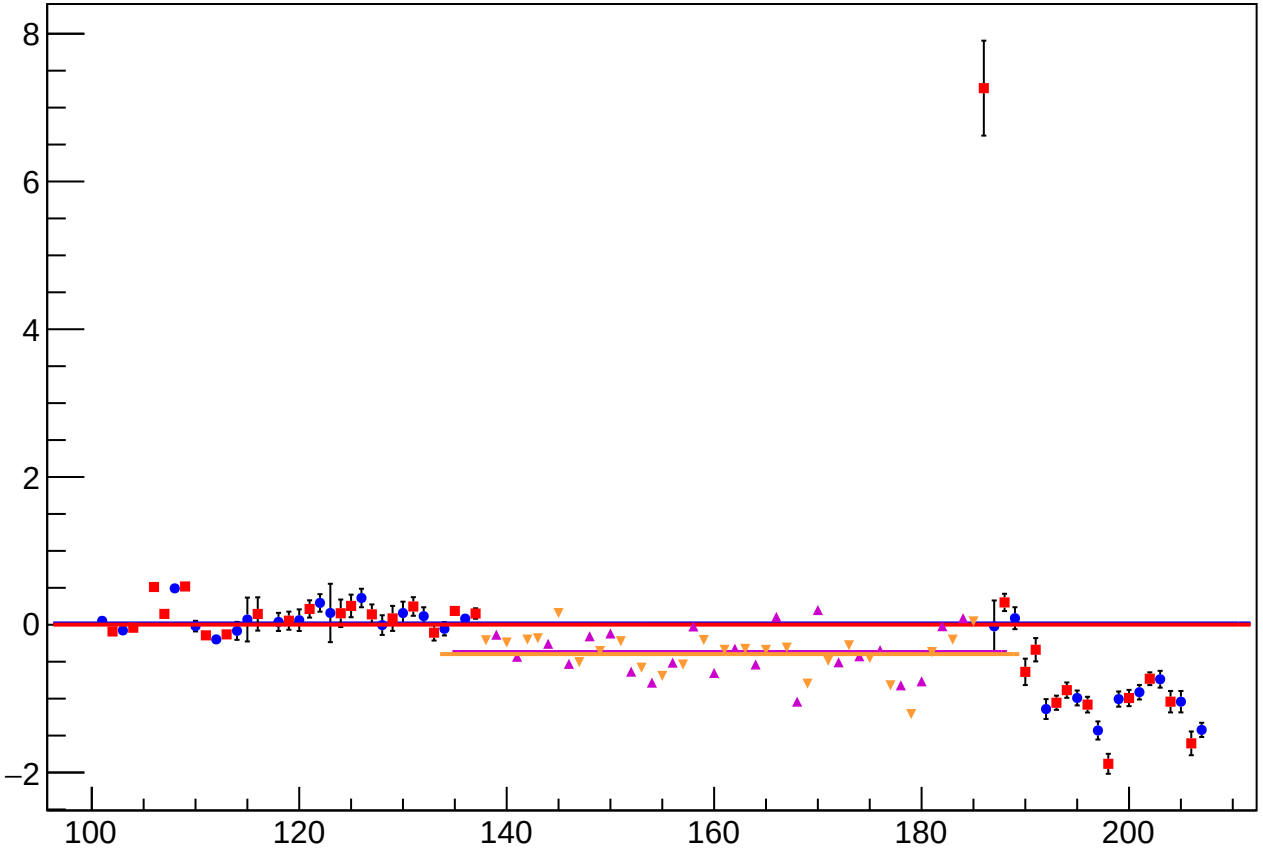
Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

+ sign 45.844+/-0.148 χ^2/NDF: 78640.5/51

All: 46.926+/-0.107 χ^2/NDF: 147902.2/104

- sign 48.119+/-0.155 χ^2/NDF: 69149.1/52

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.018+/-0.011 χ^2/NDF: 1286.1/26

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.002+/-0.011 χ^2/NDF: 1392.3/29

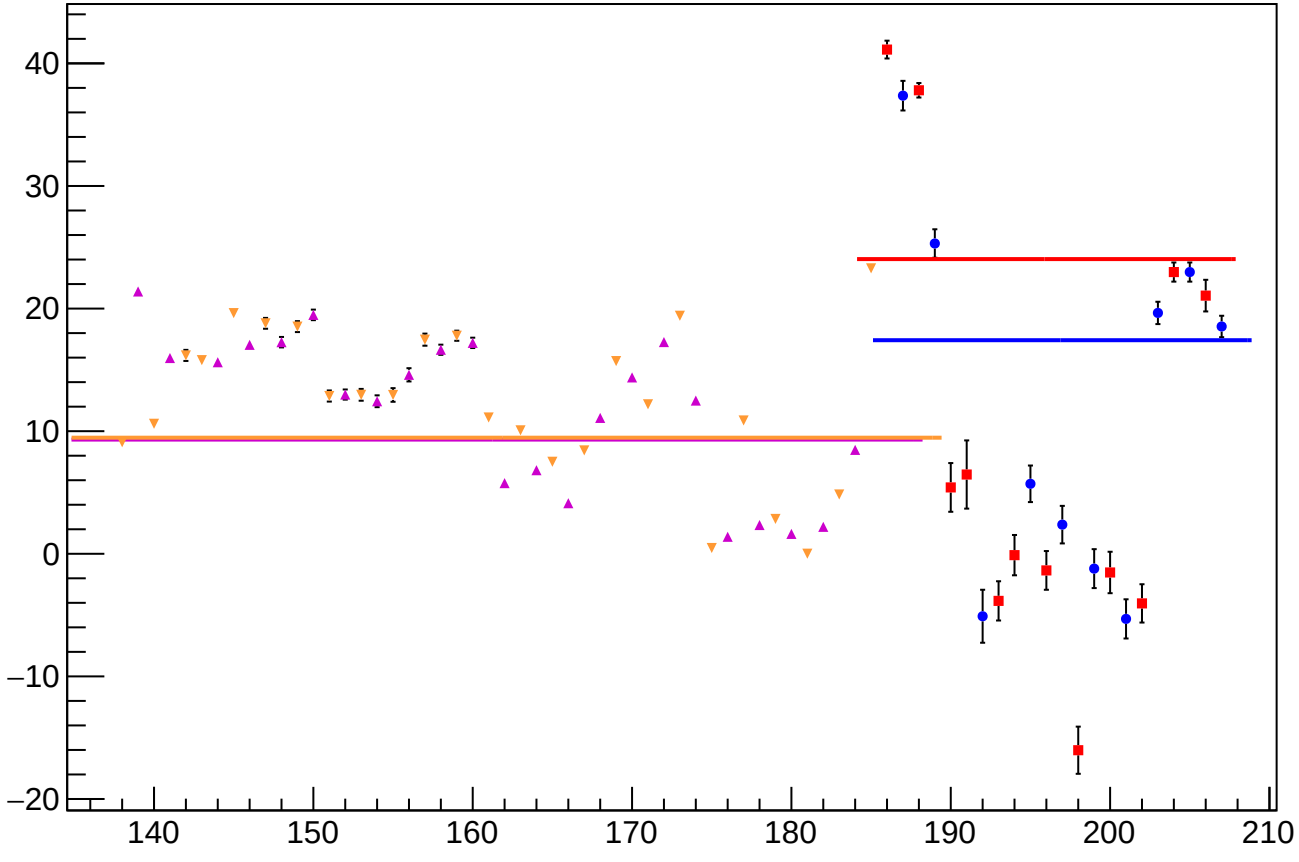
Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

+ sign -0.233+/-0.007 χ^2/NDF: 3158.8/51

All: -0.227+/-0.005 χ^2/NDF: 6611.5/104

- sign -0.220+/-0.007 χ^2/NDF: 3450.9/52

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 17.420+/-0.366 χ^2/NDF: 983.7/9

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 24.037+/-0.323 χ^2/NDF: 2993.8/11

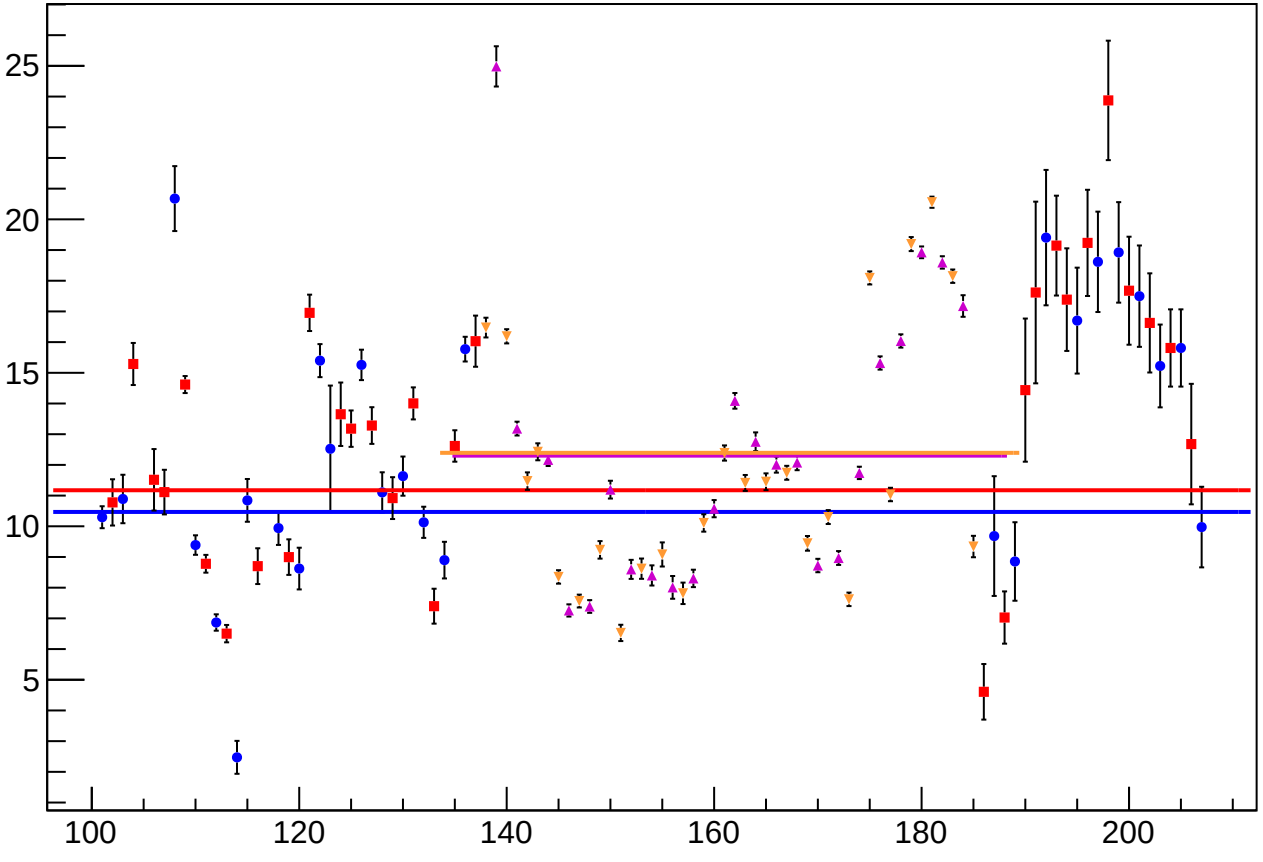
Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

+ sign 9.687+/-0.061 χ^2/NDF: 14020.4/34

All: 9.767+/-0.043 χ^2/NDF: 30024.2/69

- sign 9.850+/-0.062 χ^2/NDF: 16000.3/34

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.467+/-0.115 χ^2/NDF: 1013.2/26

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.174+/-0.112 χ^2/NDF: 1027.9/29

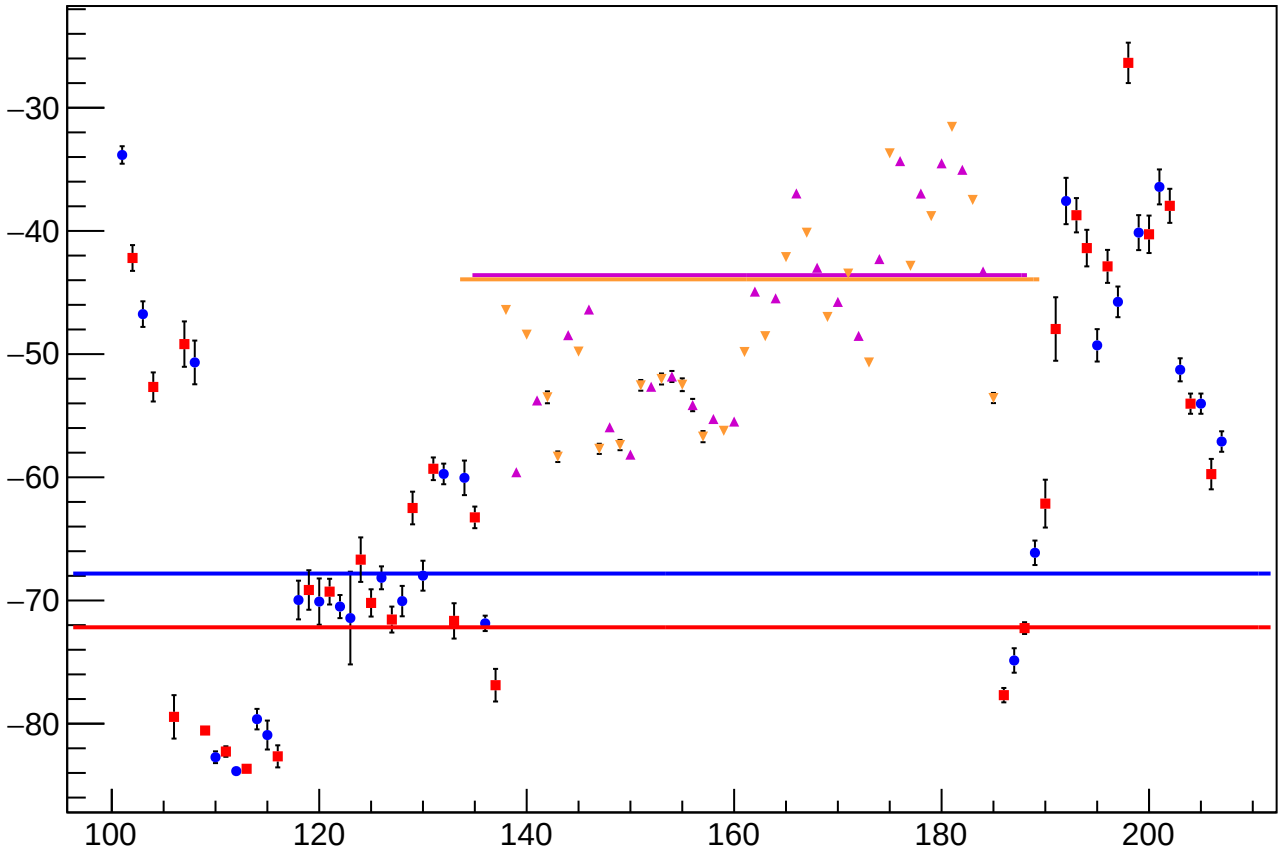
Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

+ sign 12.091+/-0.046 χ^2/NDF: 8773.6/51

All: 12.099+/-0.033 χ^2/NDF: 15546.7/104

- sign 12.108+/-0.046 χ^2/NDF: 6773.0/52

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -67.814+/-0.171 χ^2/NDF: 8514.4/26

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -72.176+/-0.152 χ^2/NDF: 7822.2/29

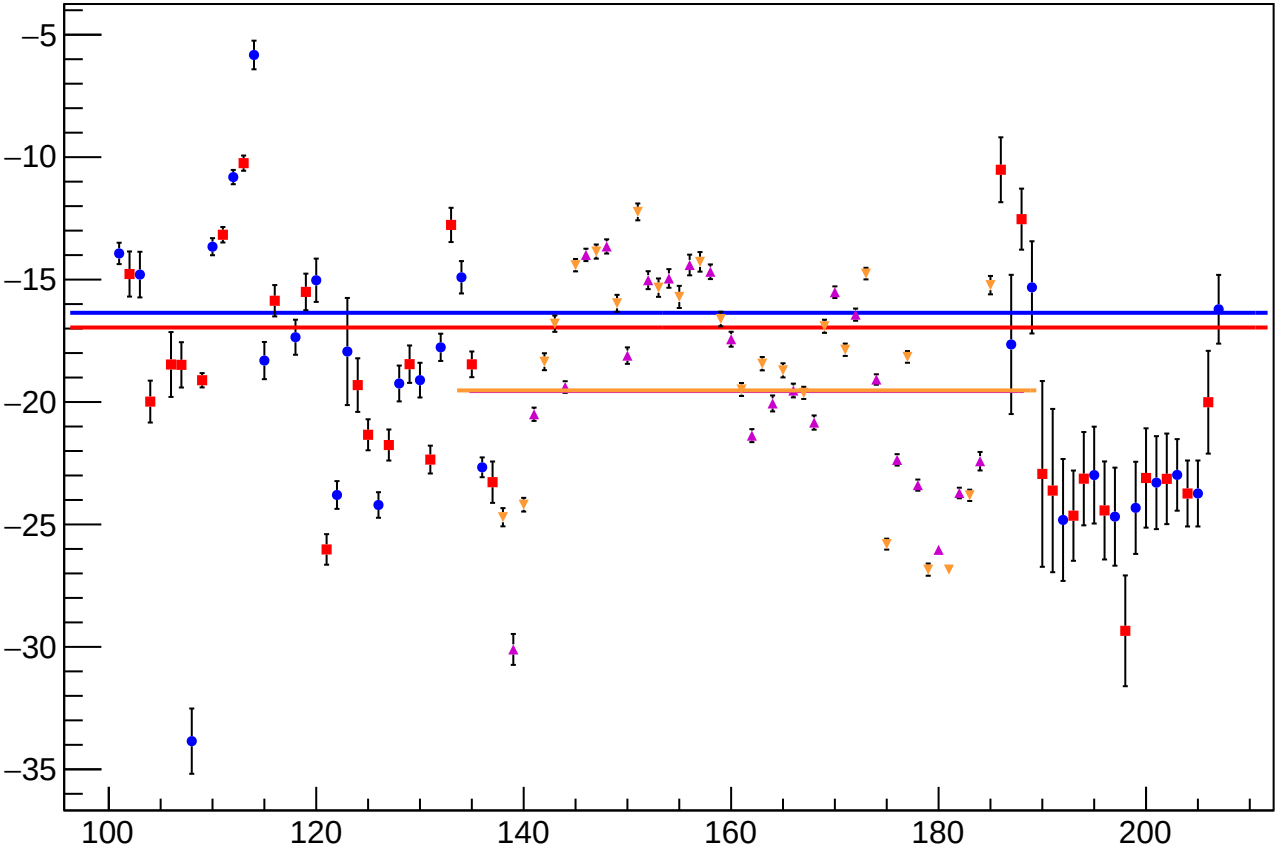
Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

+ sign -46.706+/-0.058 χ^2/NDF: 43326.1/51

All: -47.244+/-0.041 χ^2/NDF: 97000.1/104

- sign -47.781+/-0.058 χ^2/NDF: 53503.9/52

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.356+/-0.129 χ^2/NDF: 1767.9/26

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.957+/-0.125 χ^2/NDF: 1370.3/29

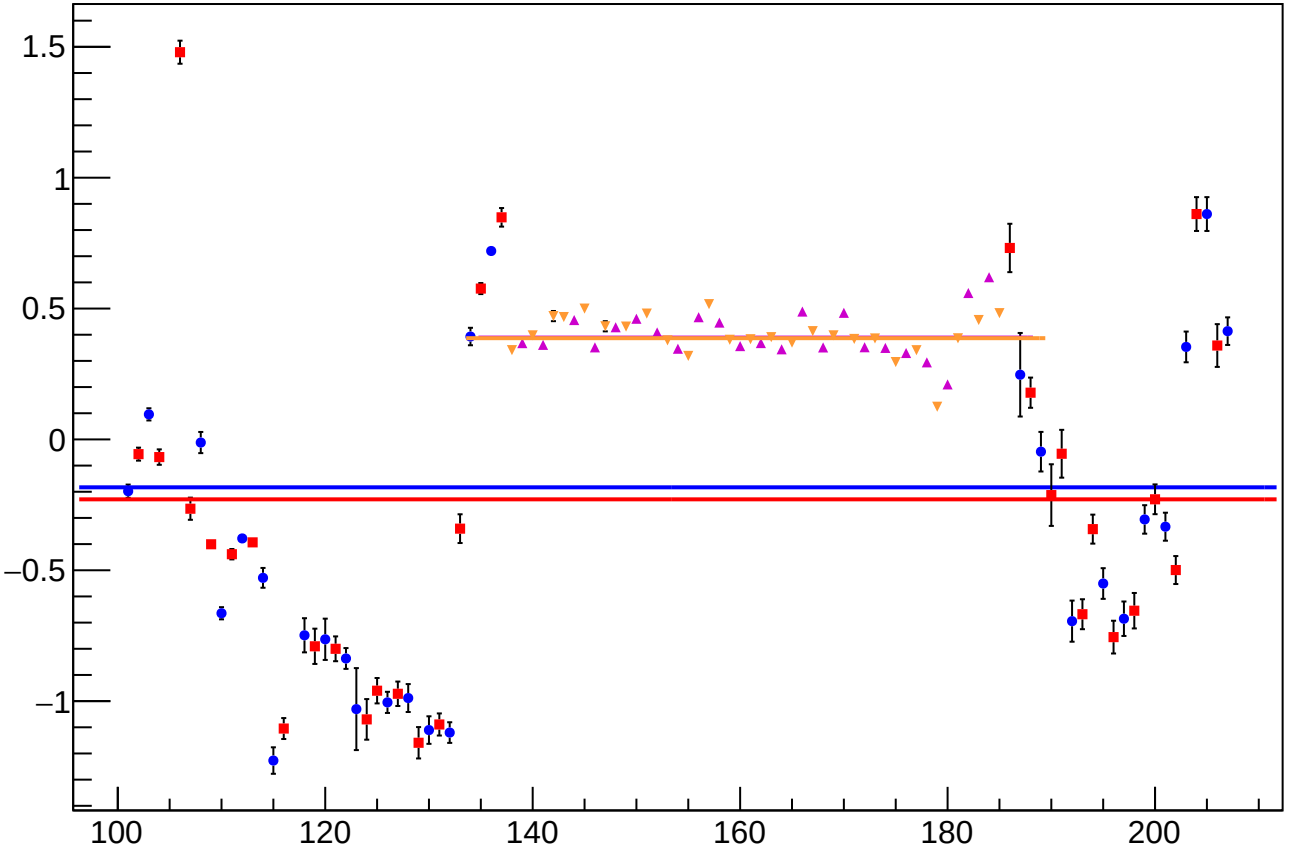
Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

+ sign -19.023+/-0.051 χ^2/NDF: 8771.9/51

All: -19.061+/-0.036 χ^2/NDF: 14861.4/104

- sign -19.101+/-0.052 χ^2/NDF: 6088.4/52

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.183+/-0.007 χ^2/NDF: 6978.4/26

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.229+/-0.007 χ^2/NDF: 6903.7/29

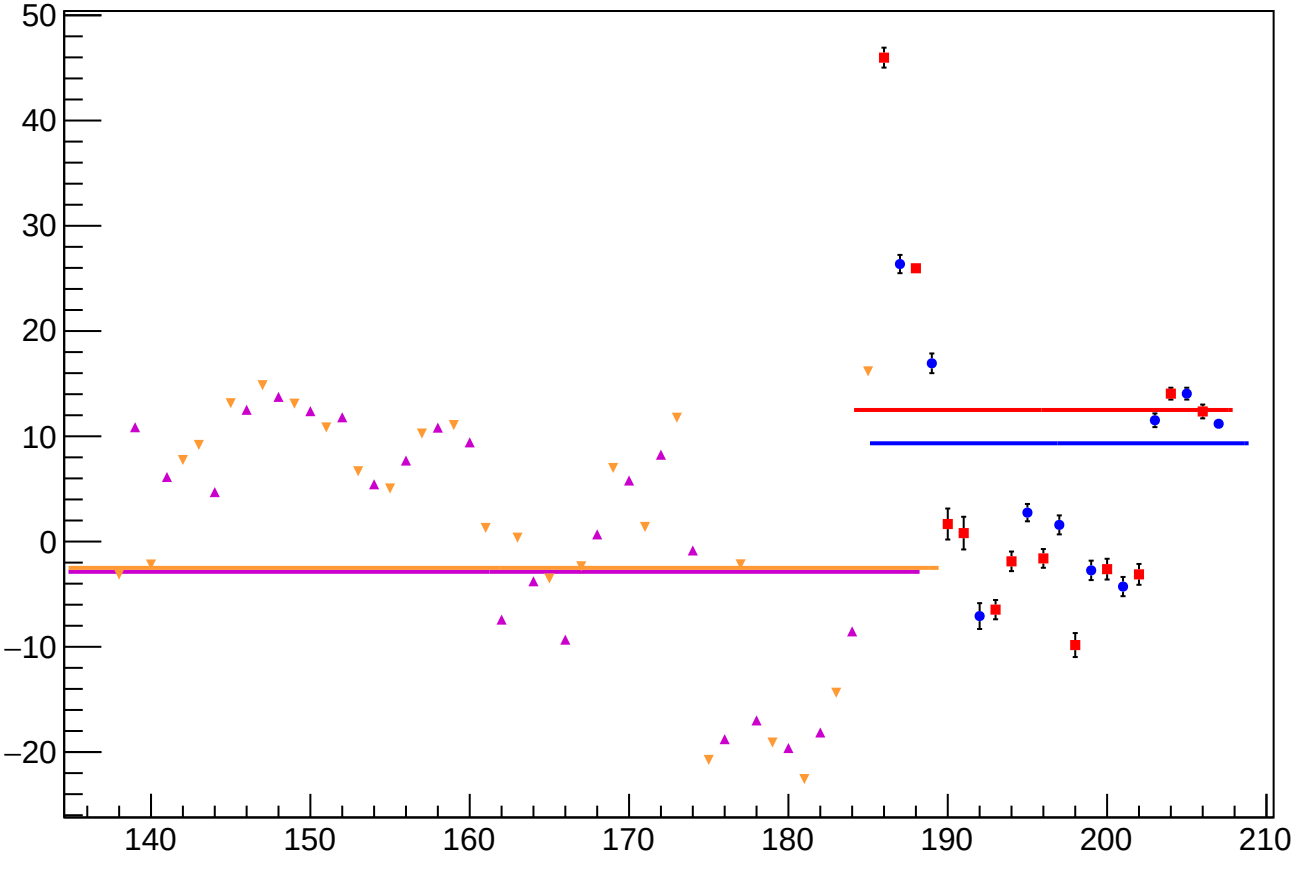
Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

+ sign 0.320+/-0.002 χ^2/NDF: 13728.6/51

All: 0.314+/-0.002 χ^2/NDF: 29245.8/104

- sign 0.308+/-0.002 χ^2/NDF: 15504.8/52

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 9.336+/-0.231 χ^2/NDF: 1258.6/9

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 12.502+/-0.227 χ^2/NDF: 4142.6/11

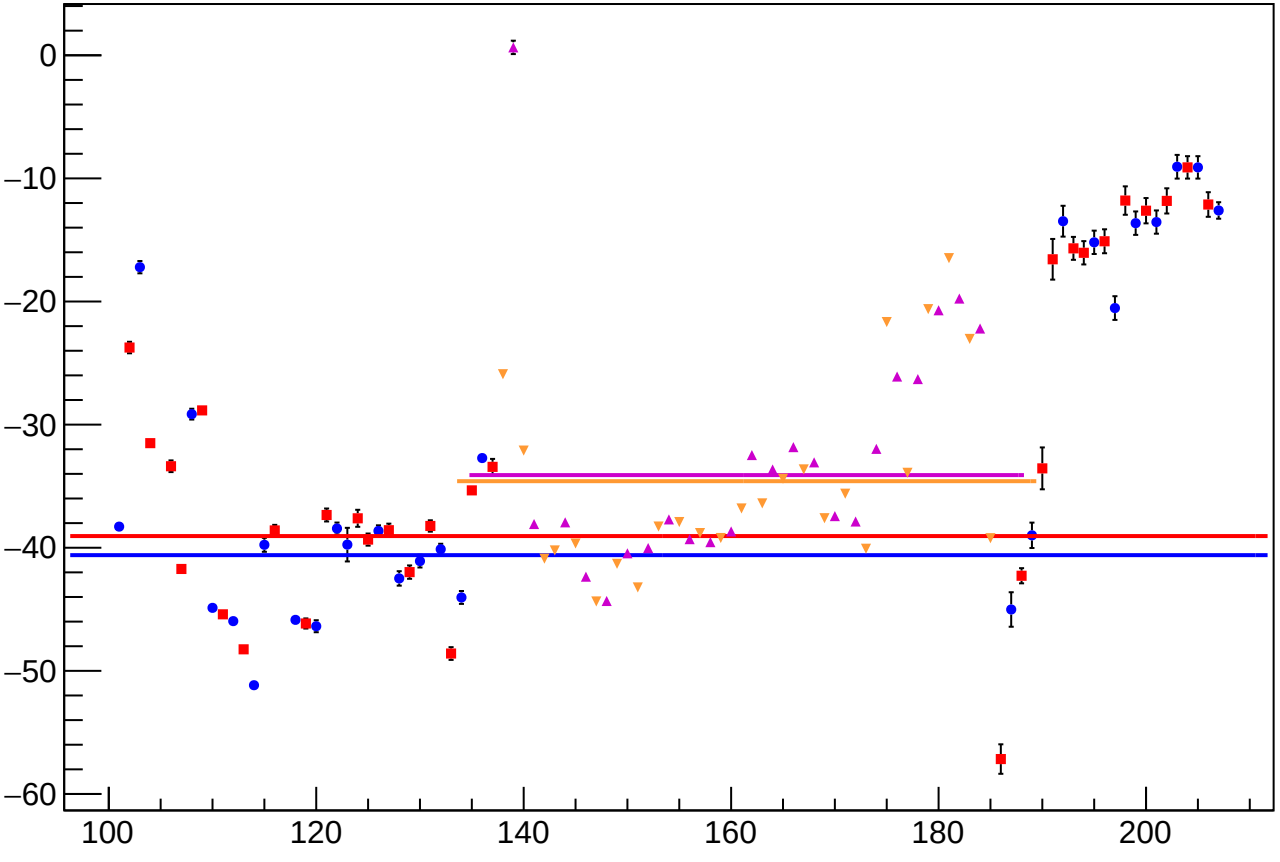
Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

+ sign -1.909+/-0.052 χ^2/NDF: 59679.3/34

All: -1.971+/-0.037 χ^2/NDF: 114529.8/69

- sign -2.037+/-0.053 χ^2/NDF: 54847.6/34

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -40.601+/-0.075 χ^2/NDF: 14254.4/26

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.052+/-0.071 χ^2/NDF: 17114.6/29

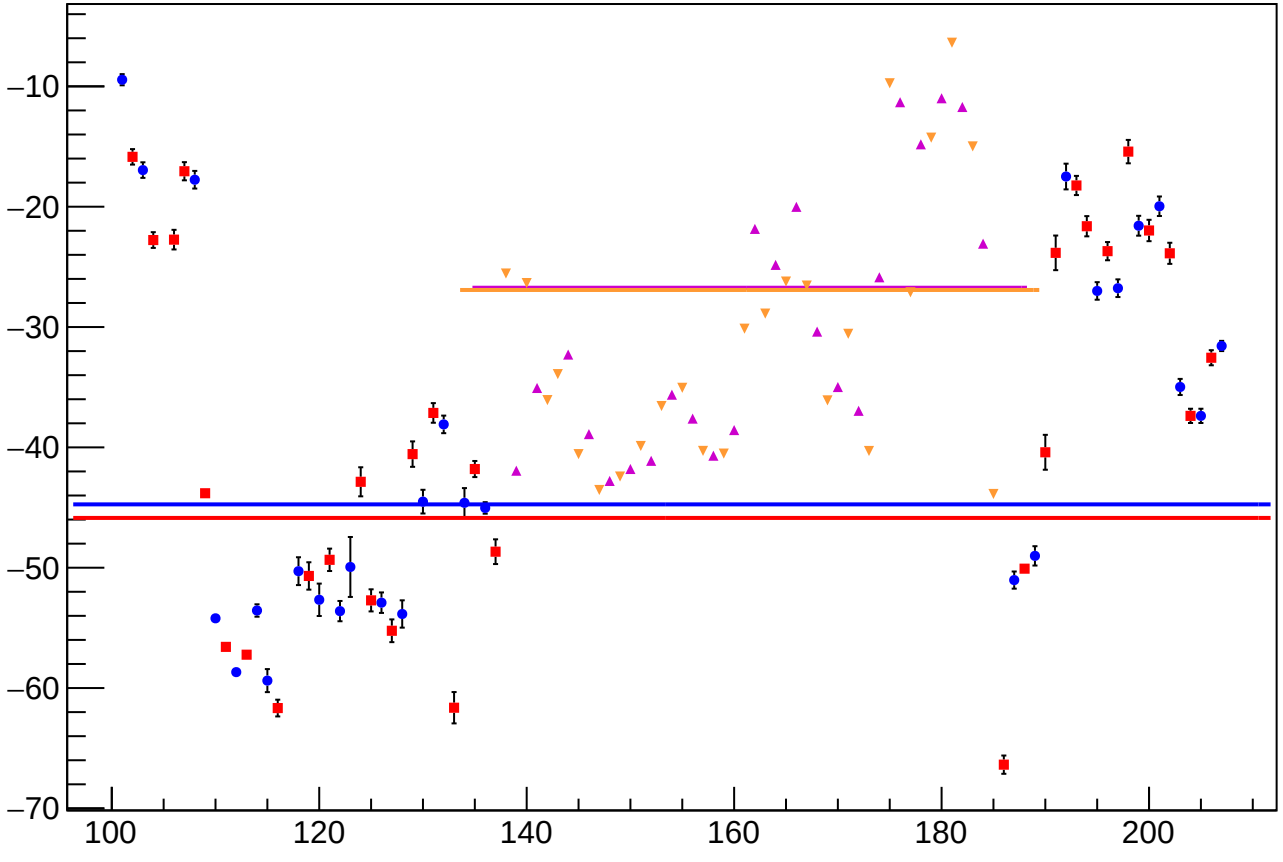
Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

+ sign -36.017+/-0.037 χ^2/NDF: 53516.1/51

All: -35.752+/-0.026 χ^2/NDF: 103658.7/104

- sign -35.478+/-0.037 χ^2/NDF: 50035.9/52

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -44.736+/-0.108 χ^2/NDF: 20687.4/26

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -45.863+/-0.095 χ^2/NDF: 18594.3/29

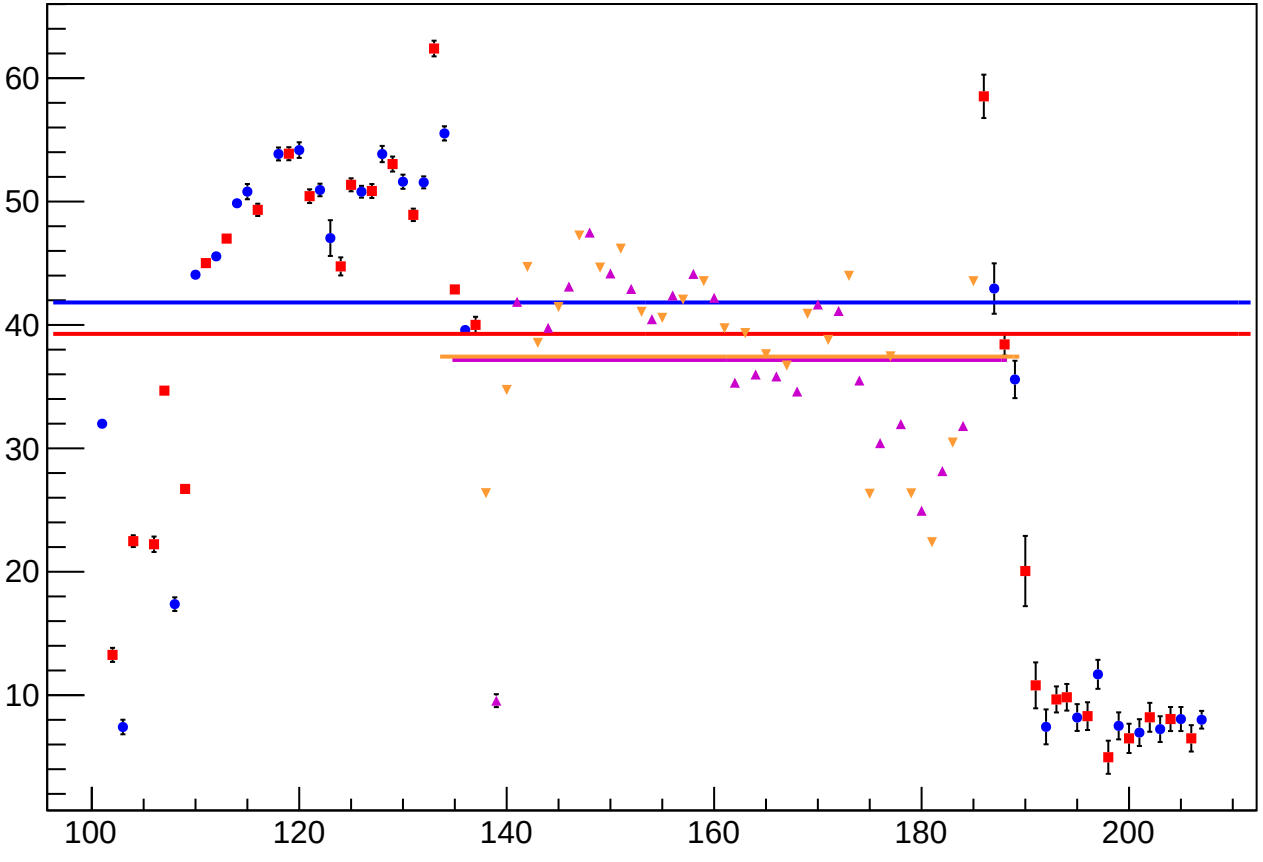
Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

+ sign -30.432+/-0.048 χ^2/NDF: 91885.7/51

All: -30.981+/-0.034 χ^2/NDF: 183961.4/104

- sign -31.520+/-0.047 χ^2/NDF: 91814.5/52

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 41.822+/-0.084 χ^2/NDF: 19910.5/26

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 39.277+/-0.078 χ^2/NDF: 24017.2/29

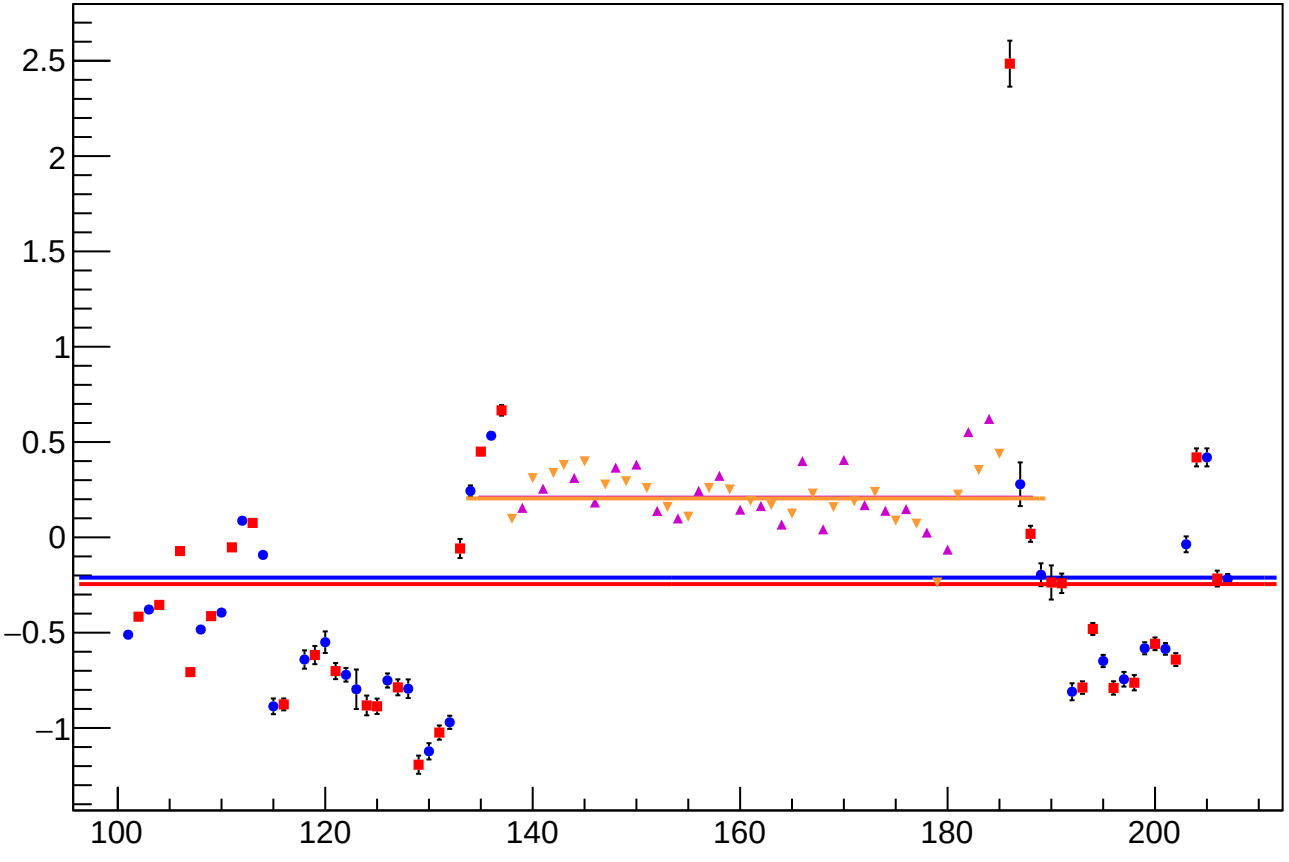
Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

+ sign 38.491+/-0.041 χ^2/NDF: 43496.6/51

All: 38.130+/-0.029 χ^2/NDF: 85619.9/104

- sign 37.762+/-0.042 χ^2/NDF: 41968.3/52

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.211+/-0.004 χ^2/NDF: 8484.1/26

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.245+/-0.004 χ^2/NDF: 9215.7/29

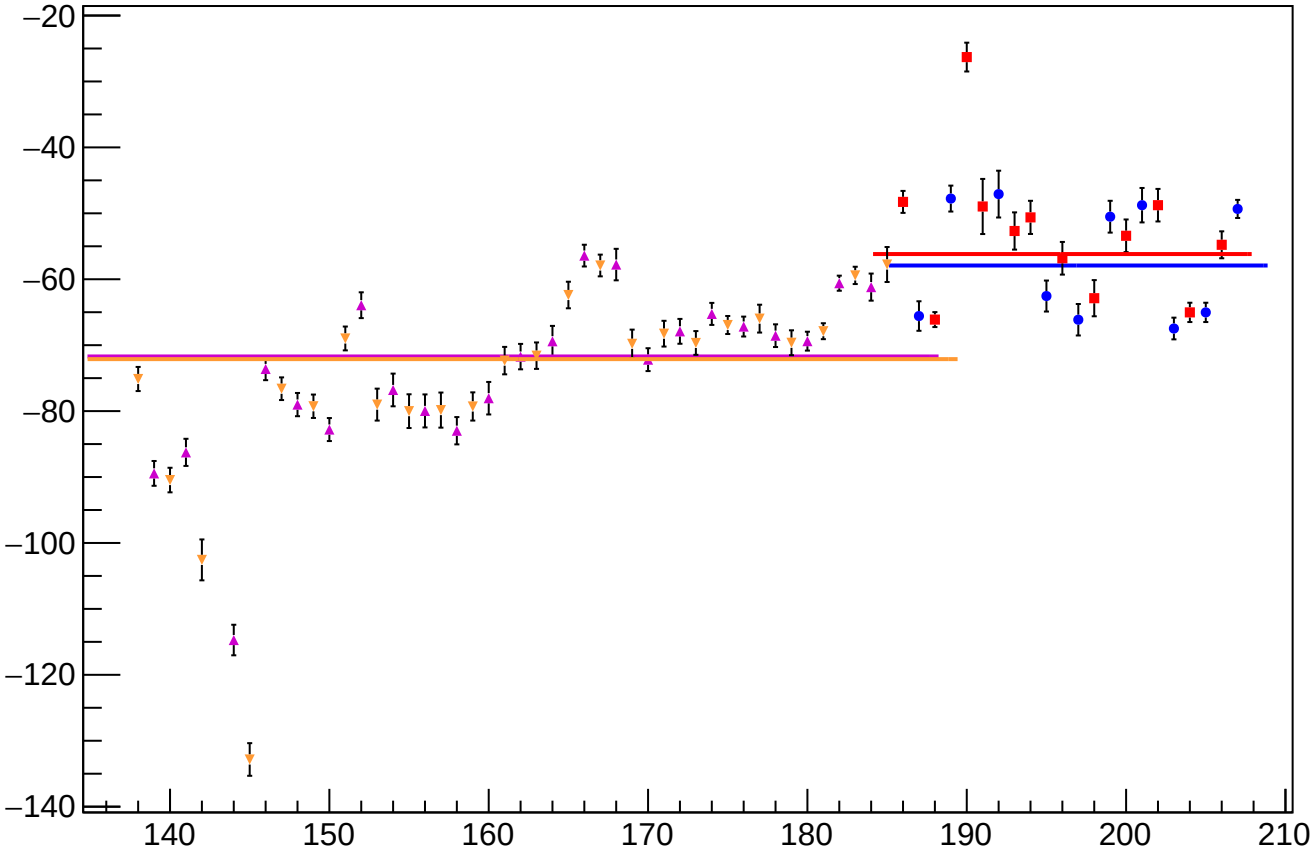
Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

+ sign 0.125+/-0.002 χ^2/NDF: 19231.6/51

All: 0.113+/-0.001 χ^2/NDF: 43234.5/104

- sign 0.102+/-0.002 χ^2/NDF: 23936.0/52

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -57.916+/-0.623 χ^2/NDF: 181.4/9

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -56.177+/-0.576 χ^2/NDF: 348.8/11

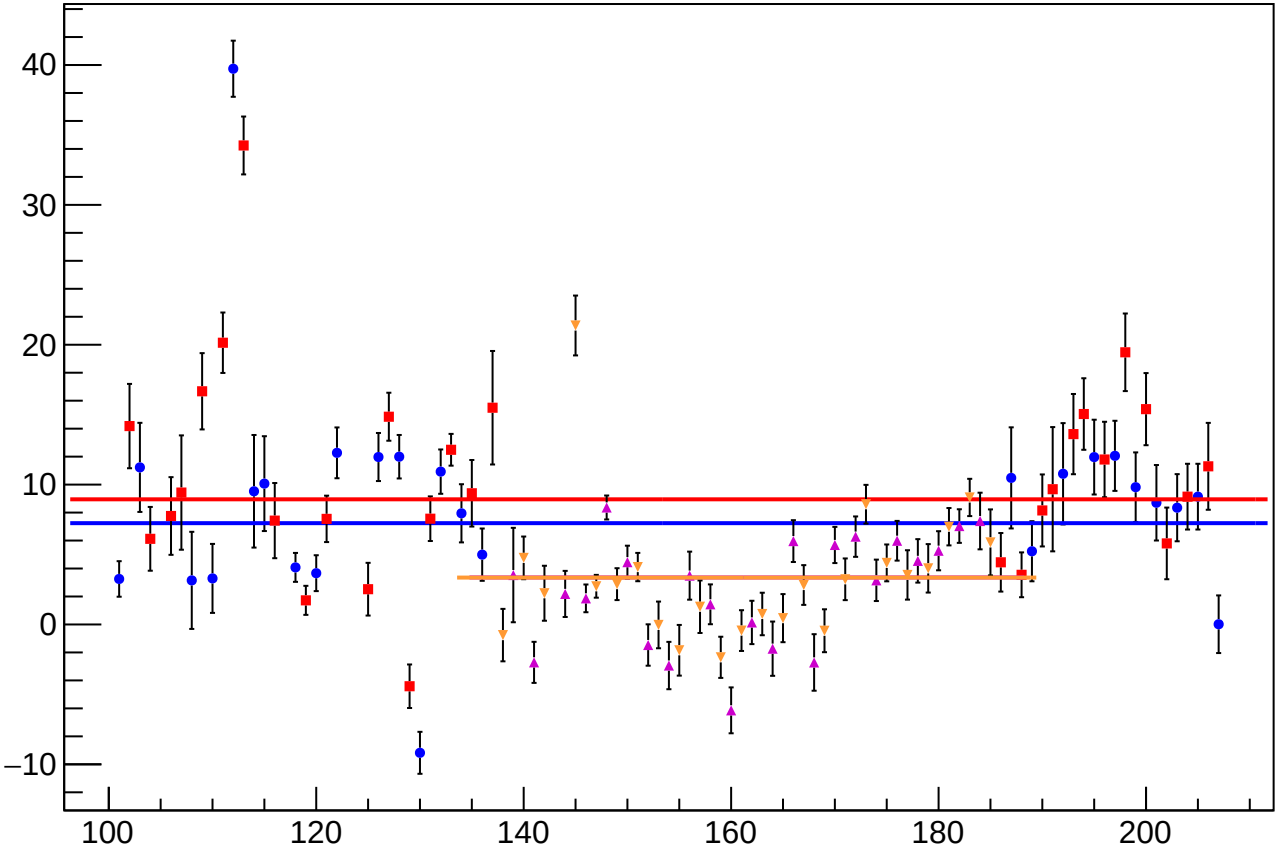
Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

+ sign -68.222+/-0.326 χ^2/NDF: 1683.9/33

All: -67.592+/-0.227 χ^2/NDF: 3431.3/68

- sign -66.995+/-0.317 χ^2/NDF: 1740.2/34

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.243+/-0.381 χ^2/NDF: 471.0/25

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.948+/-0.381 χ^2/NDF: 397.2/28

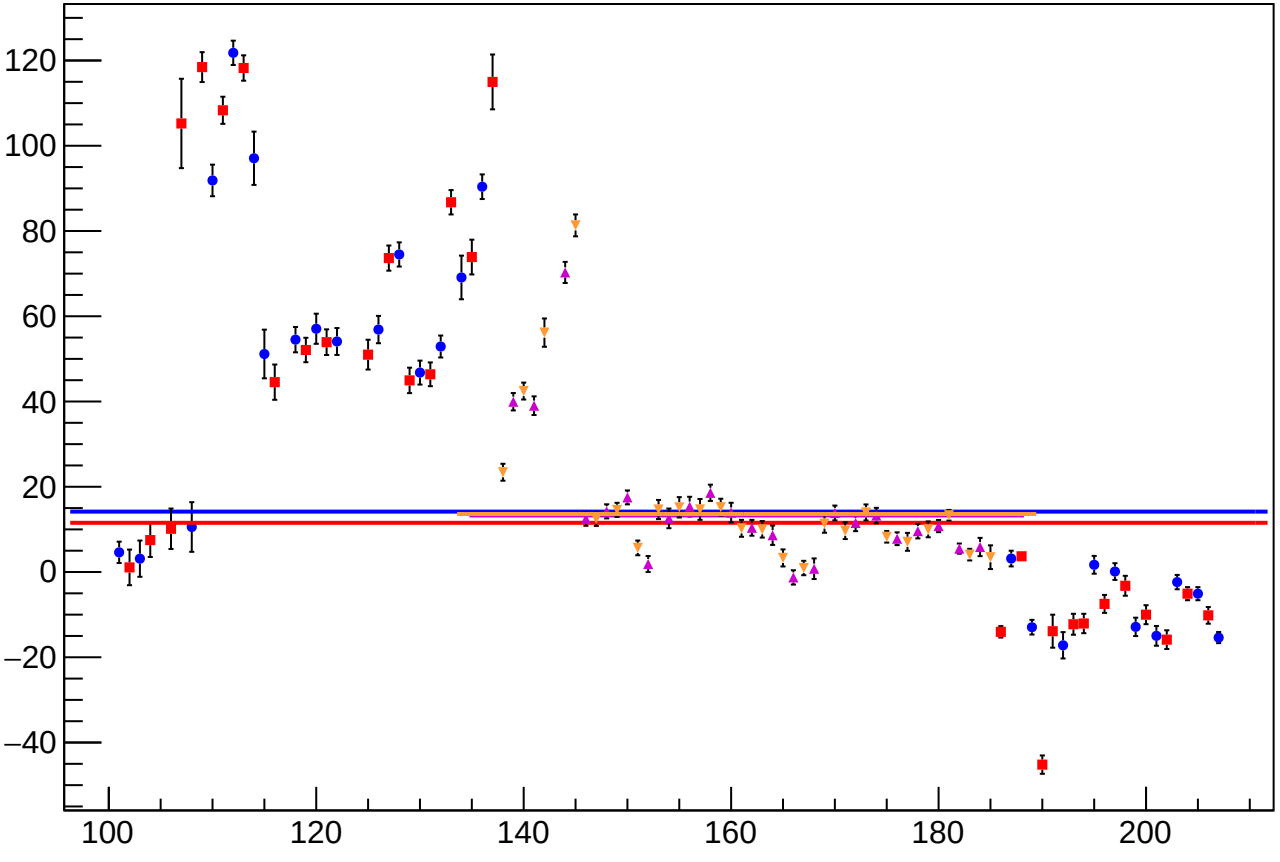
Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

+ sign 4.807+/-0.233 χ^2/NDF: 704.0/49

All: 5.141+/-0.165 χ^2/NDF: 1403.5/101

- sign 5.478+/-0.234 χ^2/NDF: 695.3/51

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 14.170+/-0.475 χ^2/NDF: 5947.0/25

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 11.546+/-0.435 χ^2/NDF: 7715.7/28

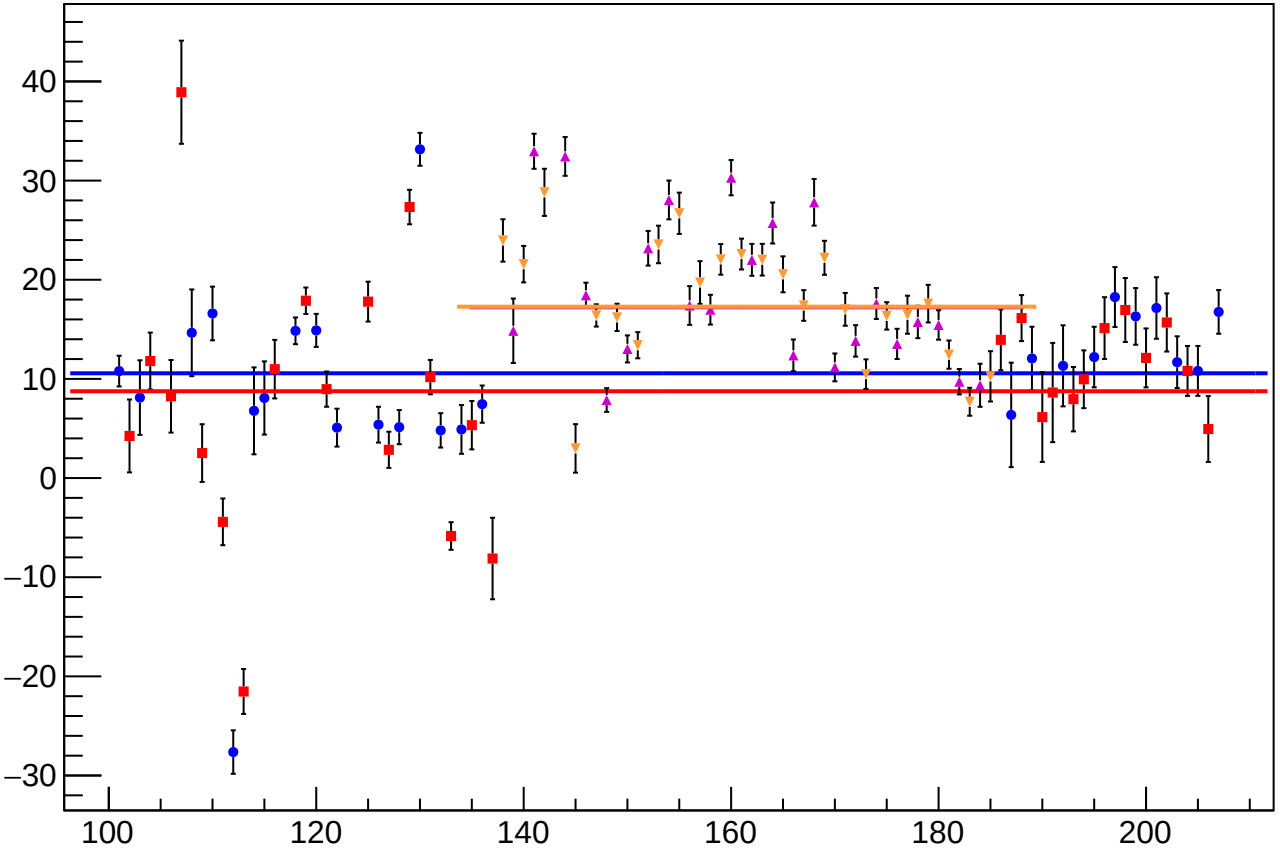
Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

+ sign 13.829+/-0.297 χ^2/NDF: 7251.2/49

All: 13.149+/-0.206 χ^2/NDF: 16062.7/101

- sign 12.522+/-0.286 χ^2/NDF: 8801.5/51

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.567+/-0.442 χ^2/NDF: 582.6/25

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.754+/-0.446 χ^2/NDF: 605.5/28

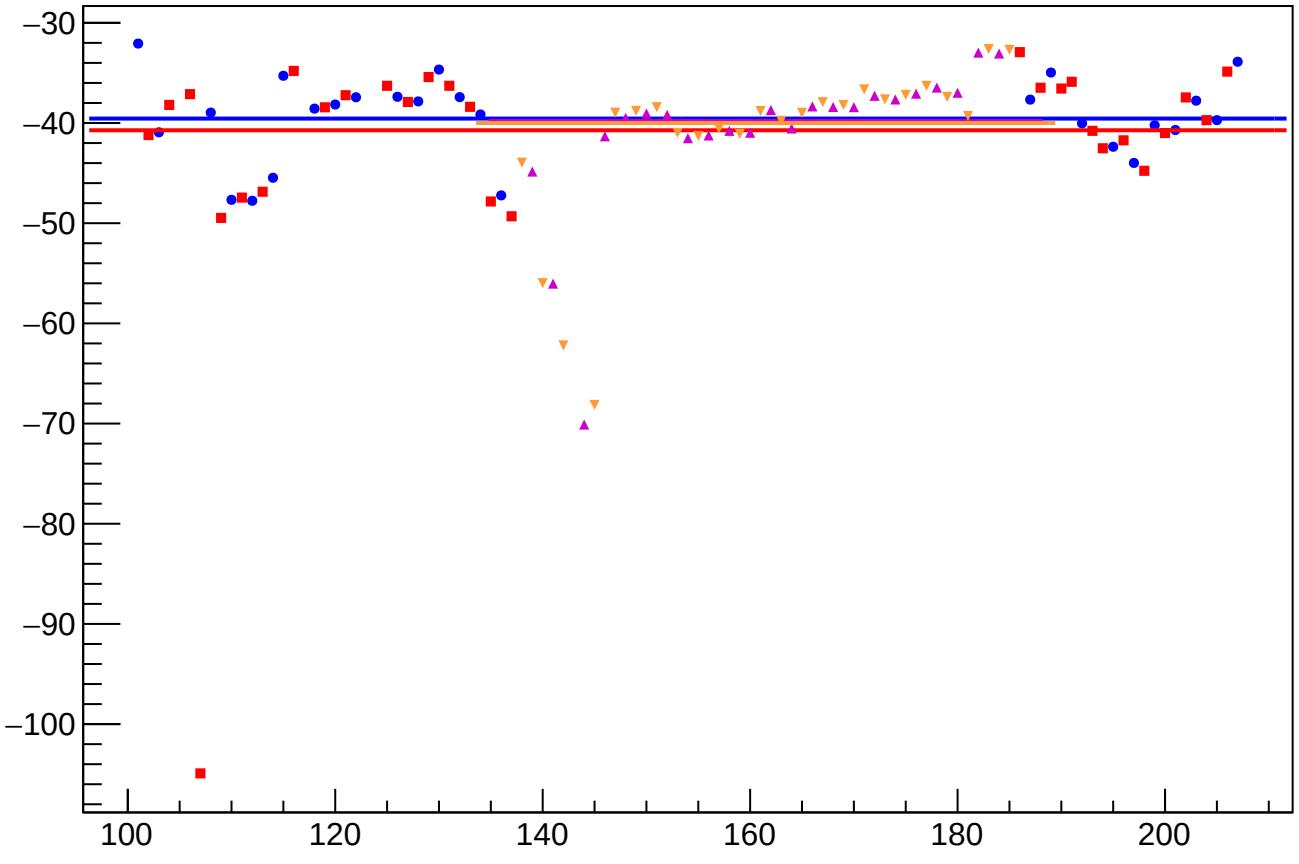
Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

+ sign 14.812+/-0.268 χ^2/NDF: 972.8/49

All: 14.474+/-0.190 χ^2/NDF: 2252.3/101

- sign 14.132+/-0.270 χ^2/NDF: 1276.3/51

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.557+/-0.022 χ^2/NDF: 35981.6/25

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.723+/-0.022 χ^2/NDF: 105225.7/28

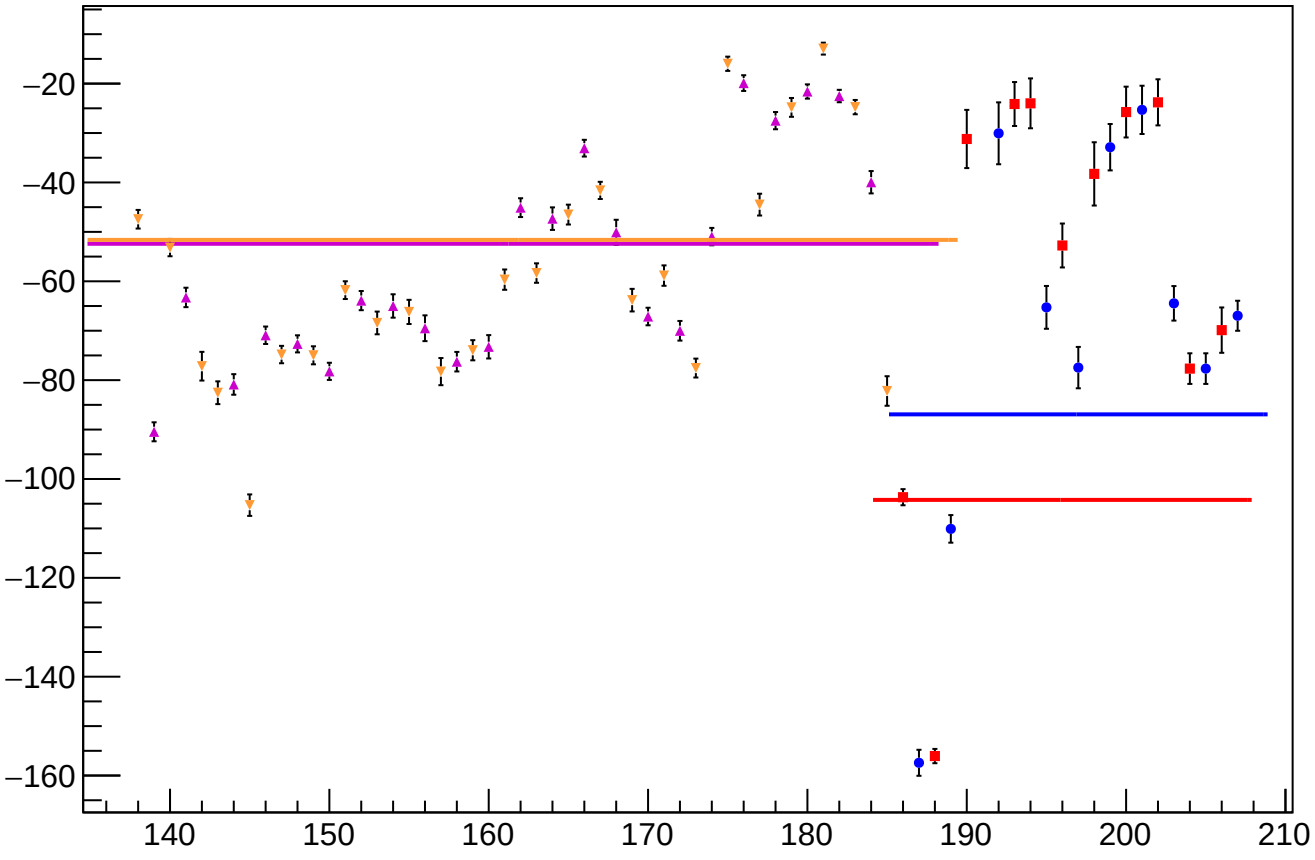
Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

+ sign -39.855+/-0.013 χ^2/NDF: 208396.1/49

All: -39.990+/-0.009 χ^2/NDF: 460780.8/101

- sign -40.120+/-0.013 χ^2/NDF: 252168.2/51

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -86.923+/-1.125 χ^2/NDF: 1284.5/9

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -104.230+/-0.883 χ^2/NDF: 2917.2/10

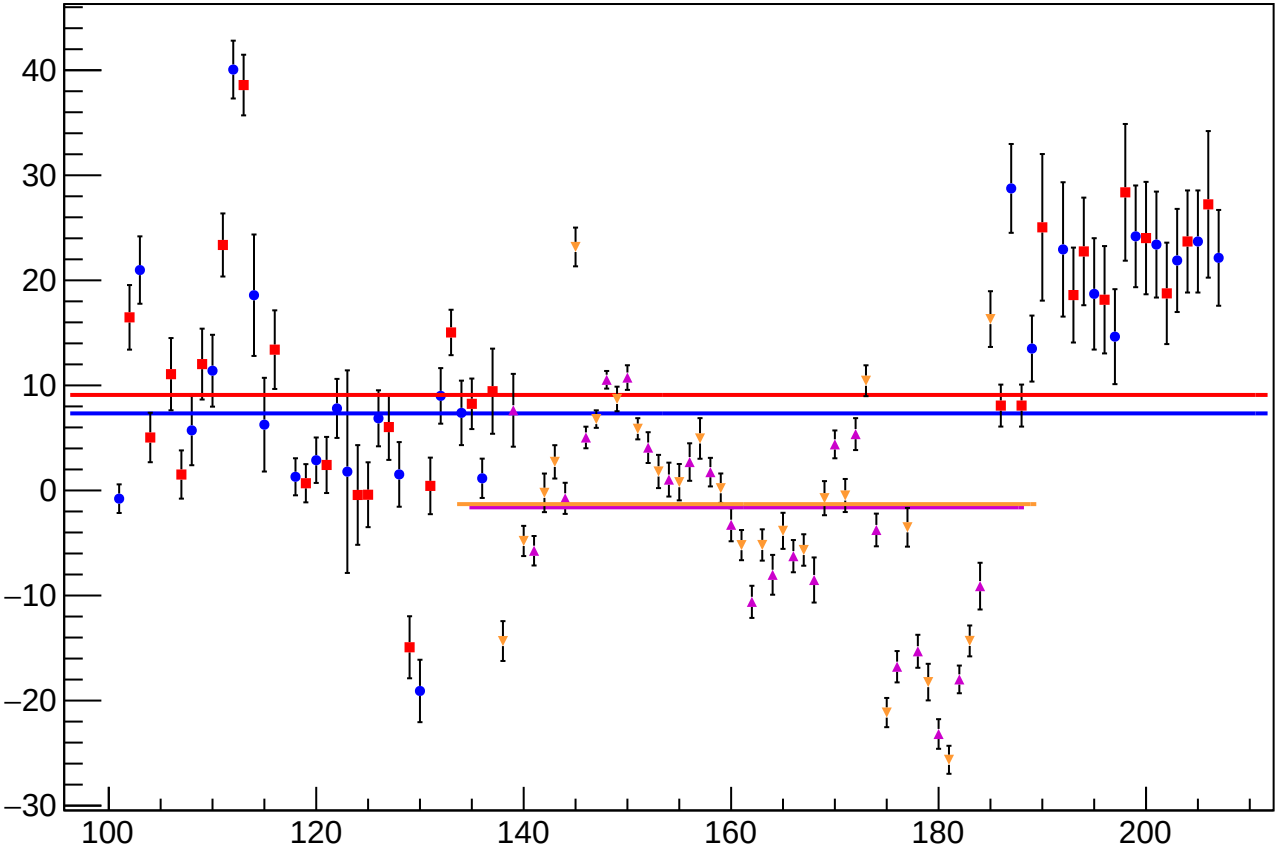
Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

+ sign -55.298+/-0.363 χ^2/NDF: 6300.0/34

All: -58.098+/-0.254 χ^2/NDF: 15602.7/68

- sign -60.771+/-0.355 χ^2/NDF: 9186.3/33

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 7.335+/-0.571 χ^2/NDF: 406.5/26

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 9.092+/-0.563 χ^2/NDF: 332.1/28

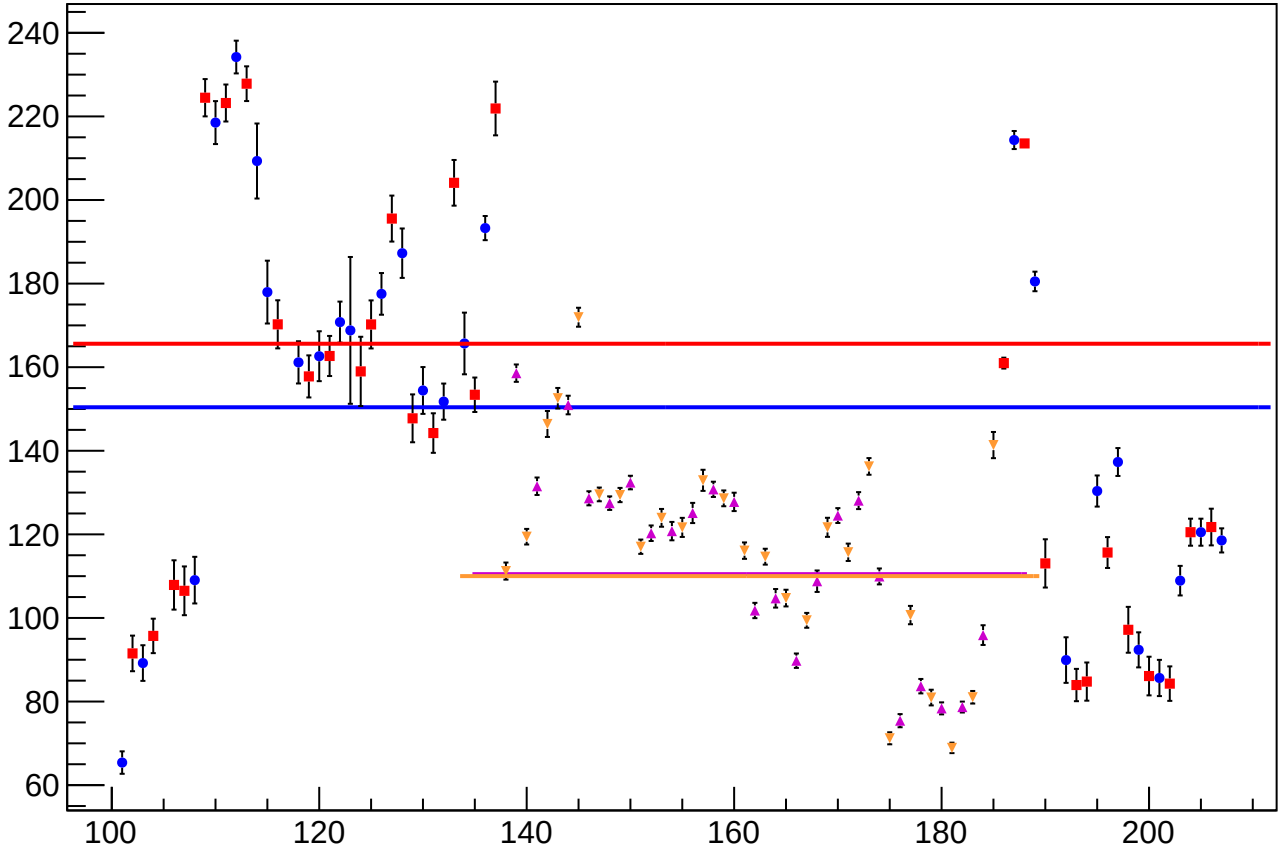
Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

+ sign 0.497+/-0.260 χ^2/NDF: 1903.6/51

All: 0.623+/-0.185 χ^2/NDF: 3615.2/103

- sign 0.753+/-0.264 χ^2/NDF: 1711.1/51

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 150.410+/-0.754 χ^2/NDF: 4241.0/26

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 165.610+/-0.626 χ^2/NDF: 5432.6/28

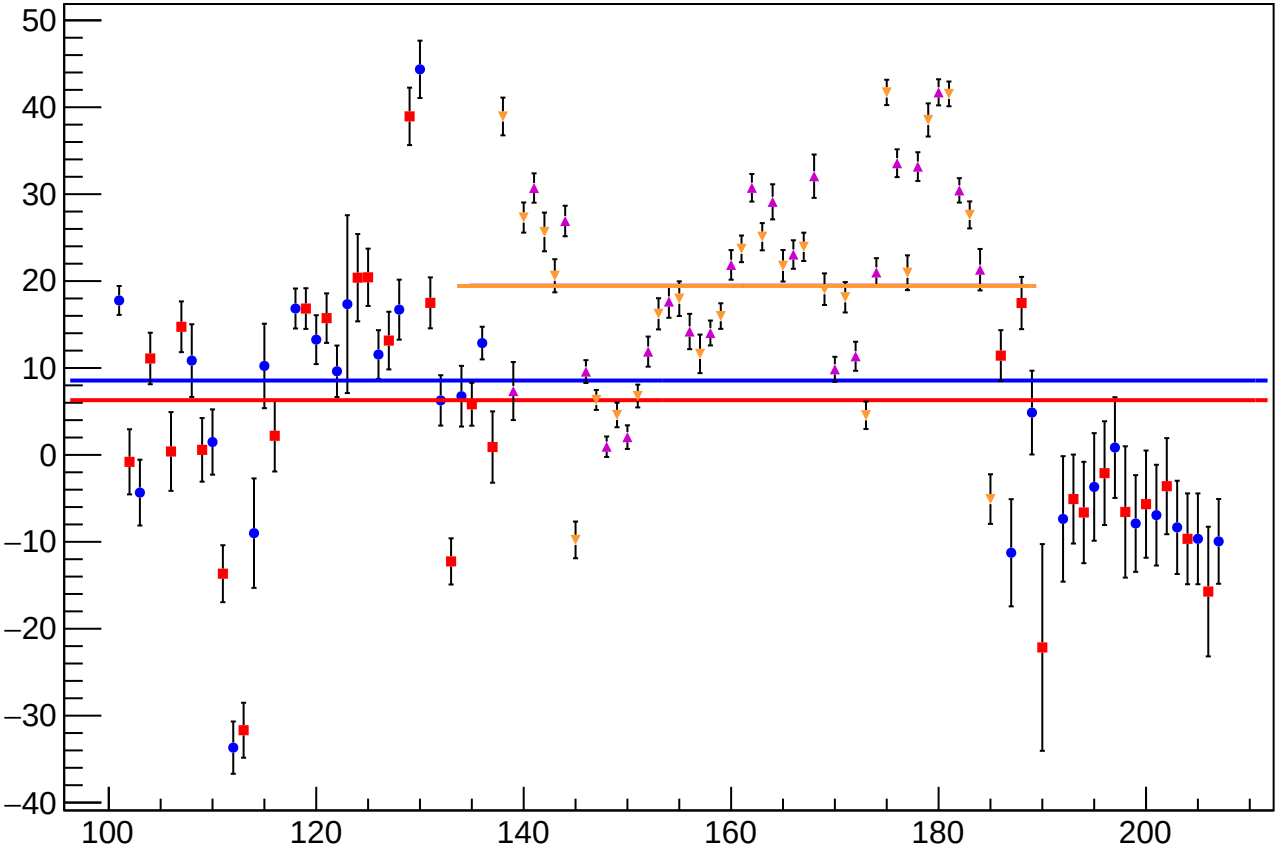
Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

+ sign 118.297+/-0.341 χ^2/NDF: 11062.5/51

All: 122.084+/-0.236 χ^2/NDF: 26180.3/103

- sign 125.578+/-0.328 χ^2/NDF: 14881.0/51

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 8.558+/-0.662 χ^2/NDF: 472.5/26

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 6.296+/-0.668 χ^2/NDF: 487.7/28

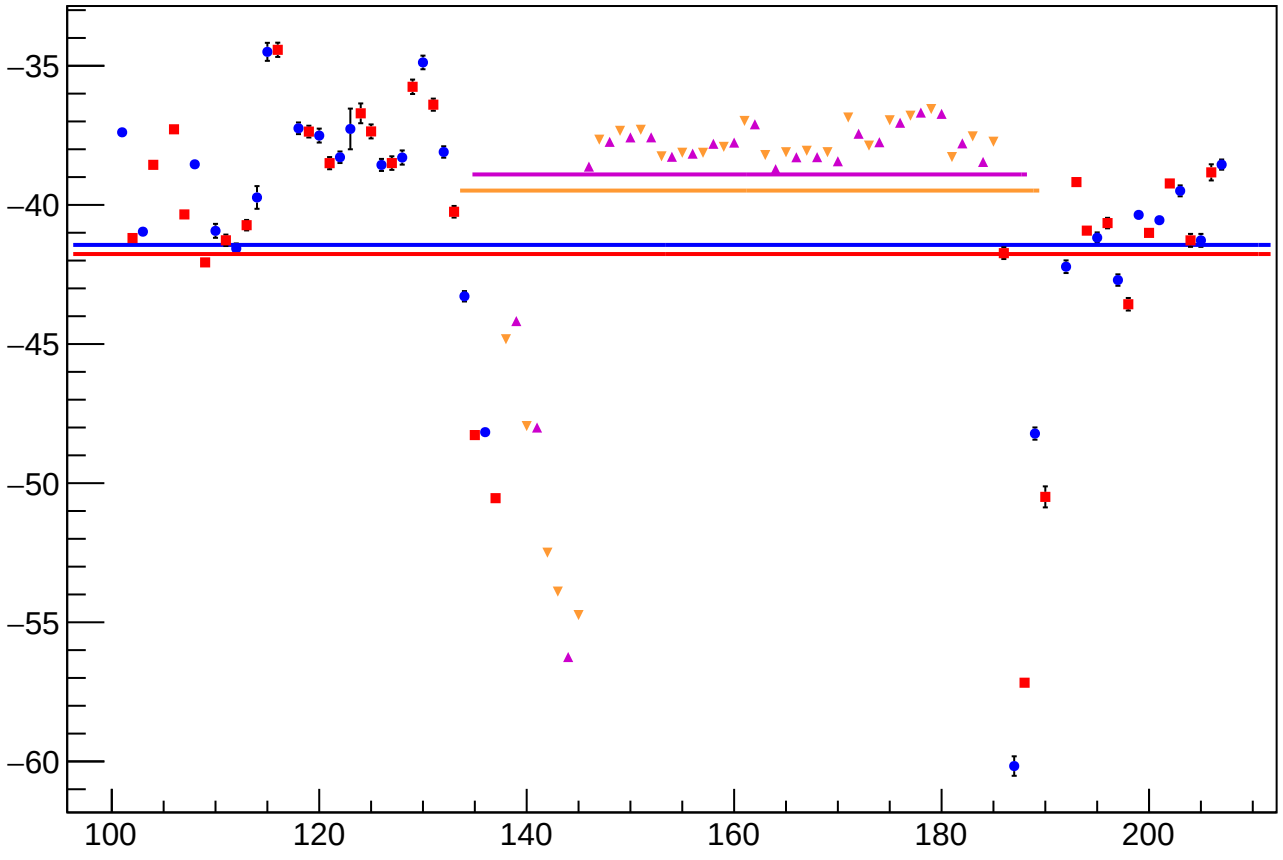
Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

+ sign 17.209+/-0.299 χ^2/NDF: 2139.8/51

All: 16.979+/-0.213 χ^2/NDF: 4125.2/103

- sign 16.741+/-0.304 χ^2/NDF: 1984.2/51

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.438+/-0.033 χ^2/NDF: 16874.5/26

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.765+/-0.032 χ^2/NDF: 22807.0/28

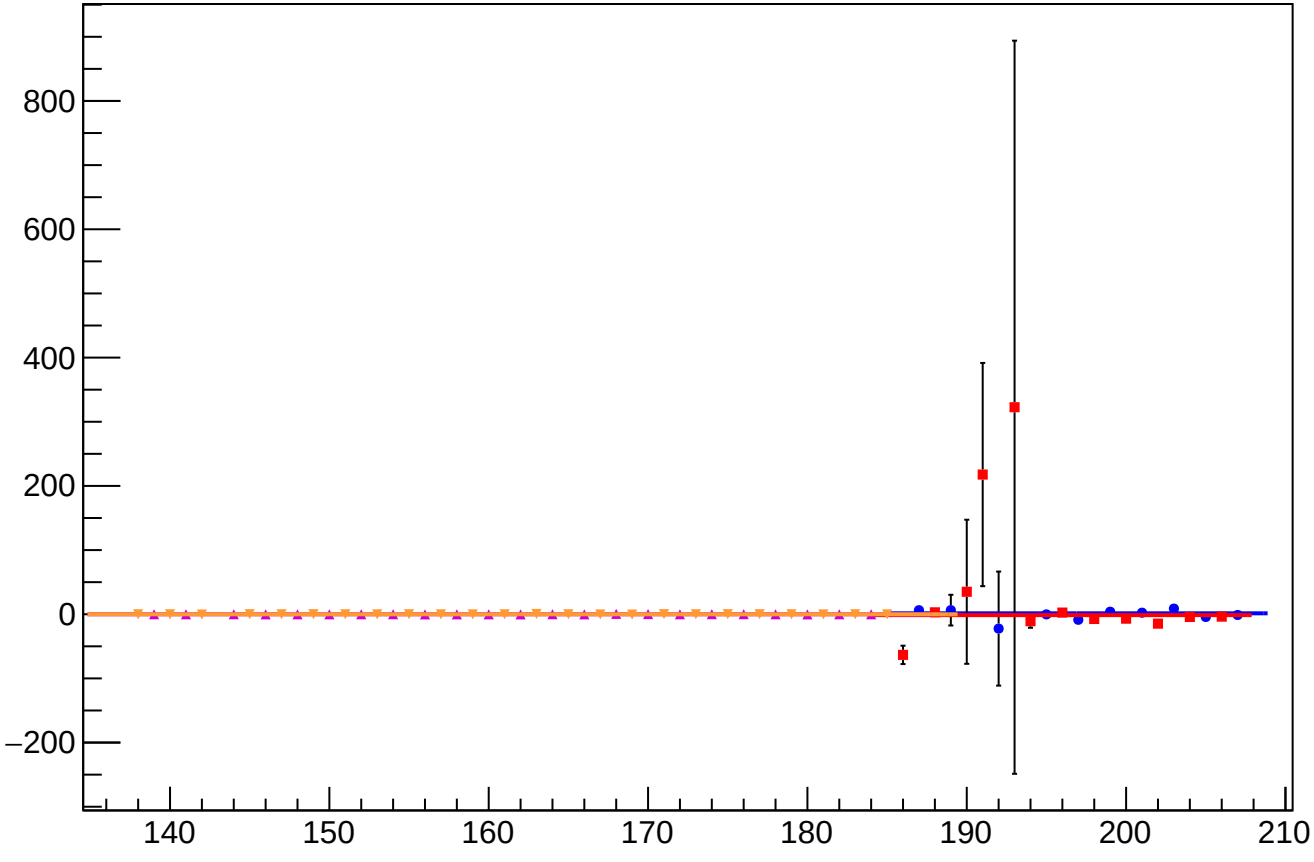
Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

+ sign -39.850+/-0.014 χ^2/NDF: 108621.0/51

All: -39.653+/-0.010 χ^2/NDF: 192411.9/103

- sign -39.456+/-0.014 χ^2/NDF: 83407.6/51

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 1.441+/-1.554 χ^2/NDF: 12.6/9

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: -1.385+/-1.446 χ^2/NDF: 34.3/11

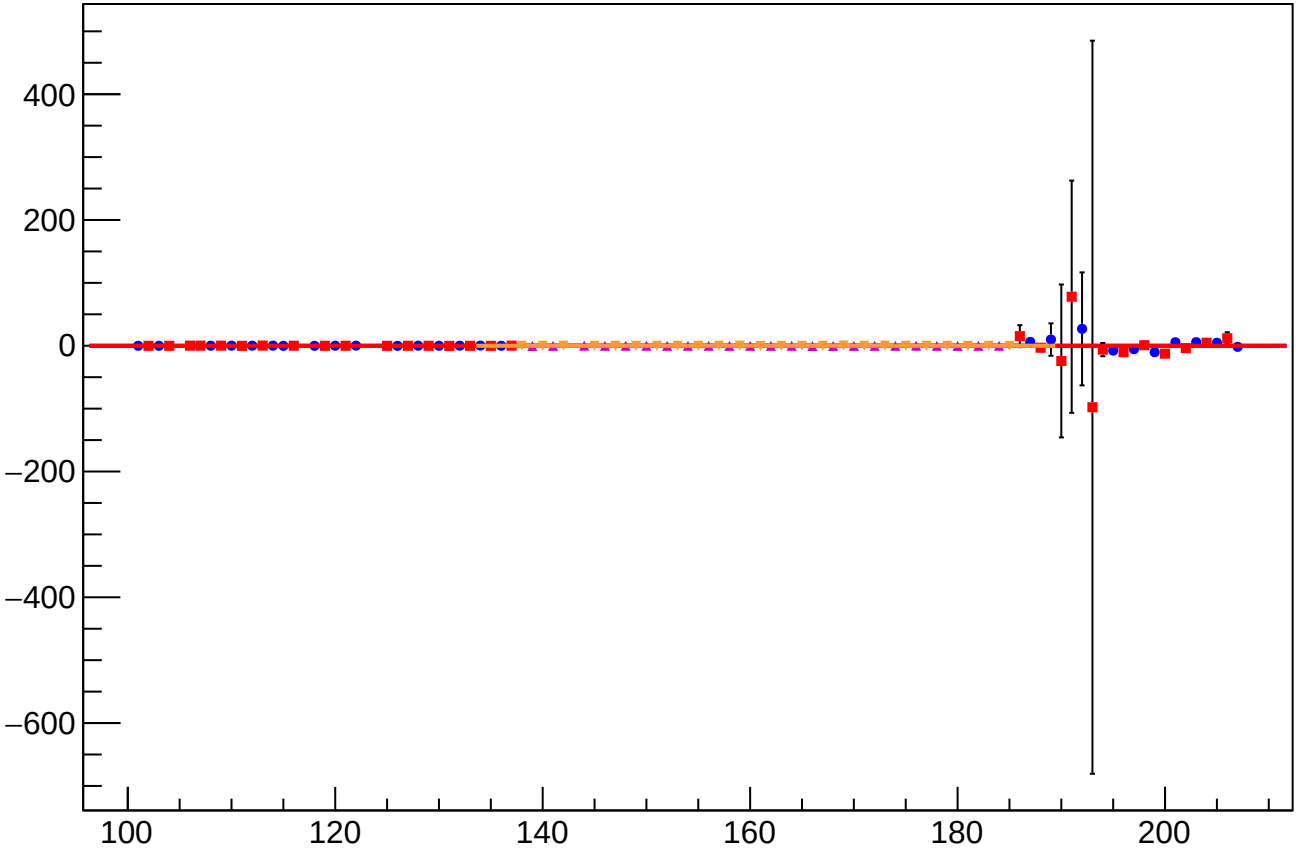
Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

+ sign -0.089+/-0.022 χ^2/NDF: 53.6/33

All: -0.057+/-0.016 χ^2/NDF: 125.1/68

- sign -0.026+/-0.022 χ^2/NDF: 67.4/34

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001+/-0.028 χ^2/NDF: 22.4/25

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 33.0/28

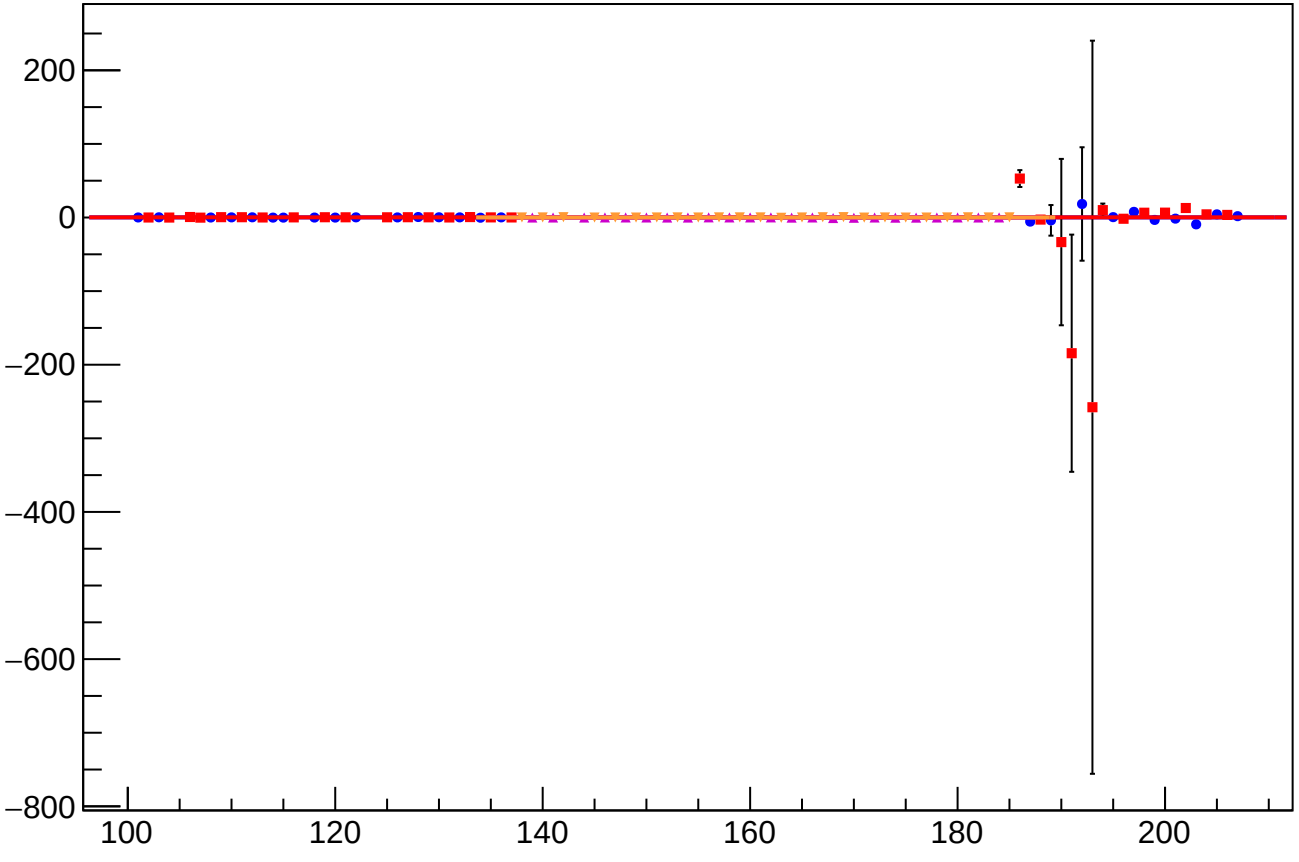
Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

+ sign -0.058+/-0.015 χ^2/NDF: 54.4/49

All: -0.056+/-0.011 χ^2/NDF: 119.7/101

- sign -0.054+/-0.015 χ^2/NDF: 65.2/51

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.169+/-0.052 χ^2/NDF: 29.1/25

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.241+/-0.054 χ^2/NDF: 54.4/28

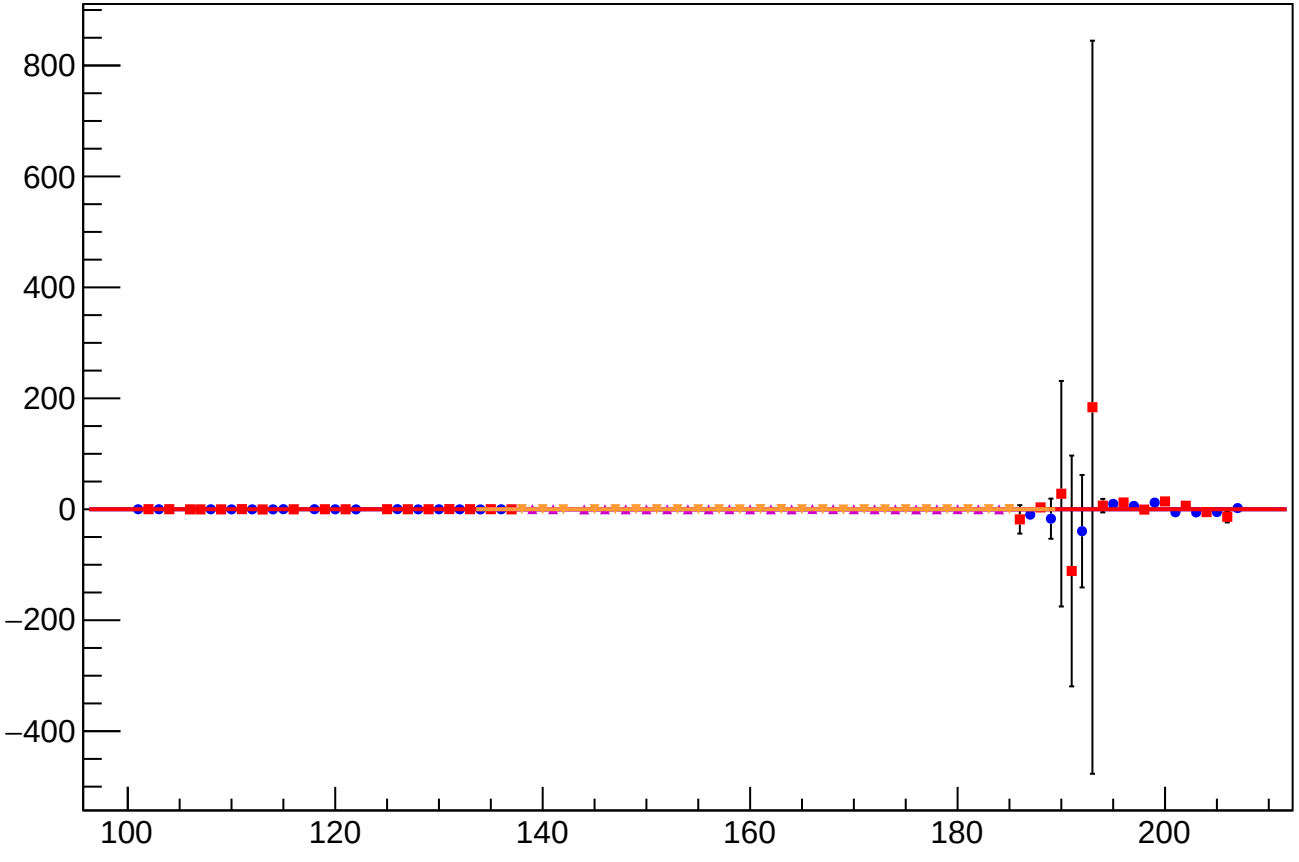
Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

+ sign 0.095+/-0.020 χ^2/NDF: 70.1/49

All: 0.073+/-0.014 χ^2/NDF: 175.7/101

- sign 0.052+/-0.020 χ^2/NDF: 103.3/51

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 23.9/25

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 32.0/28

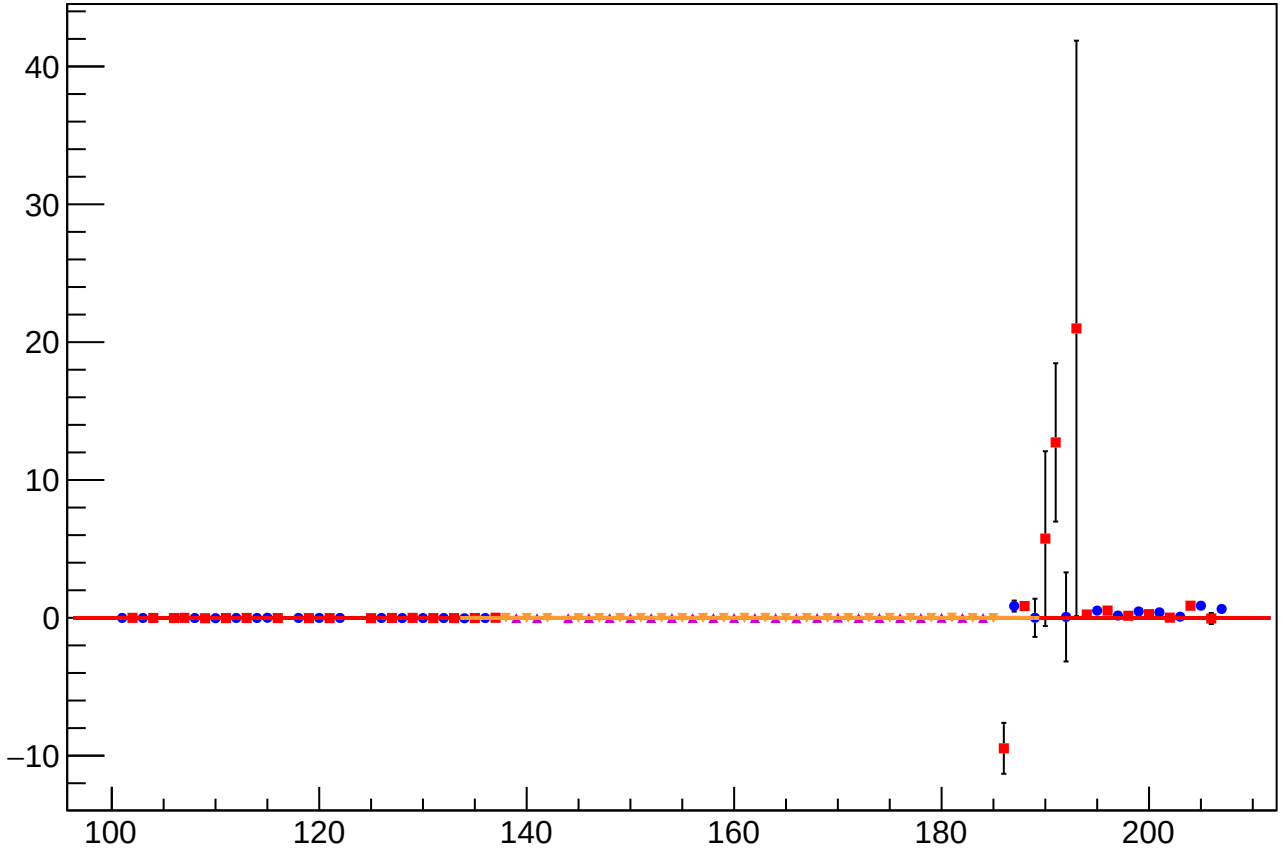
Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

+ sign 0.074+/-0.017 χ^2/NDF: 62.7/49

All: 0.072+/-0.012 χ^2/NDF: 126.5/101

- sign 0.069+/-0.017 χ^2/NDF: 63.8/51

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 49.7/25

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 88.6/28

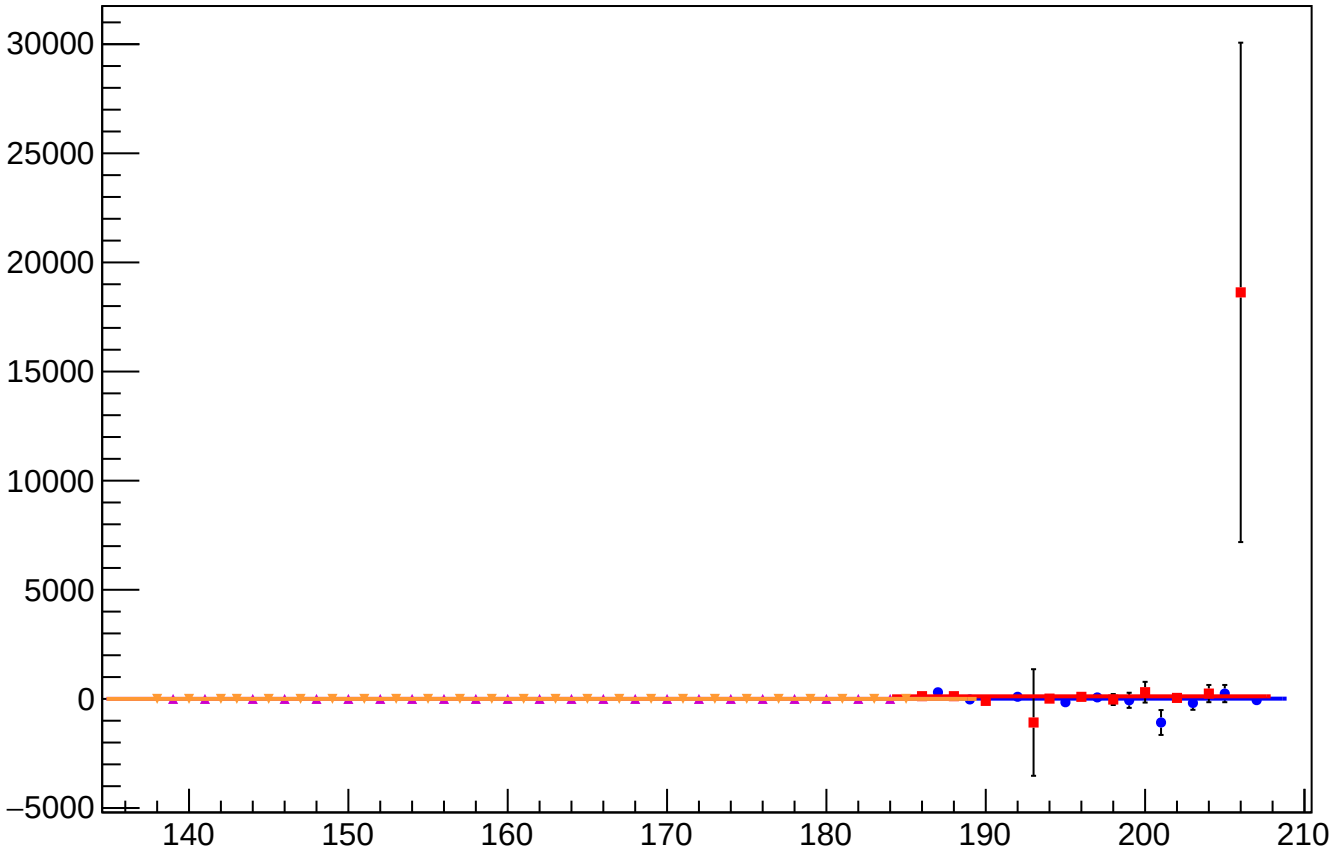
Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

+ sign -0.009+/-0.001 χ^2/NDF: 83.6/49

All: -0.009+/-0.001 χ^2/NDF: 215.3/101

- sign -0.009+/-0.001 χ^2/NDF: 131.5/51

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 11.599+/-28.092 χ^2/NDF: 20.4/9

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 117.884+/-16.353 χ^2/NDF: 6.2/10

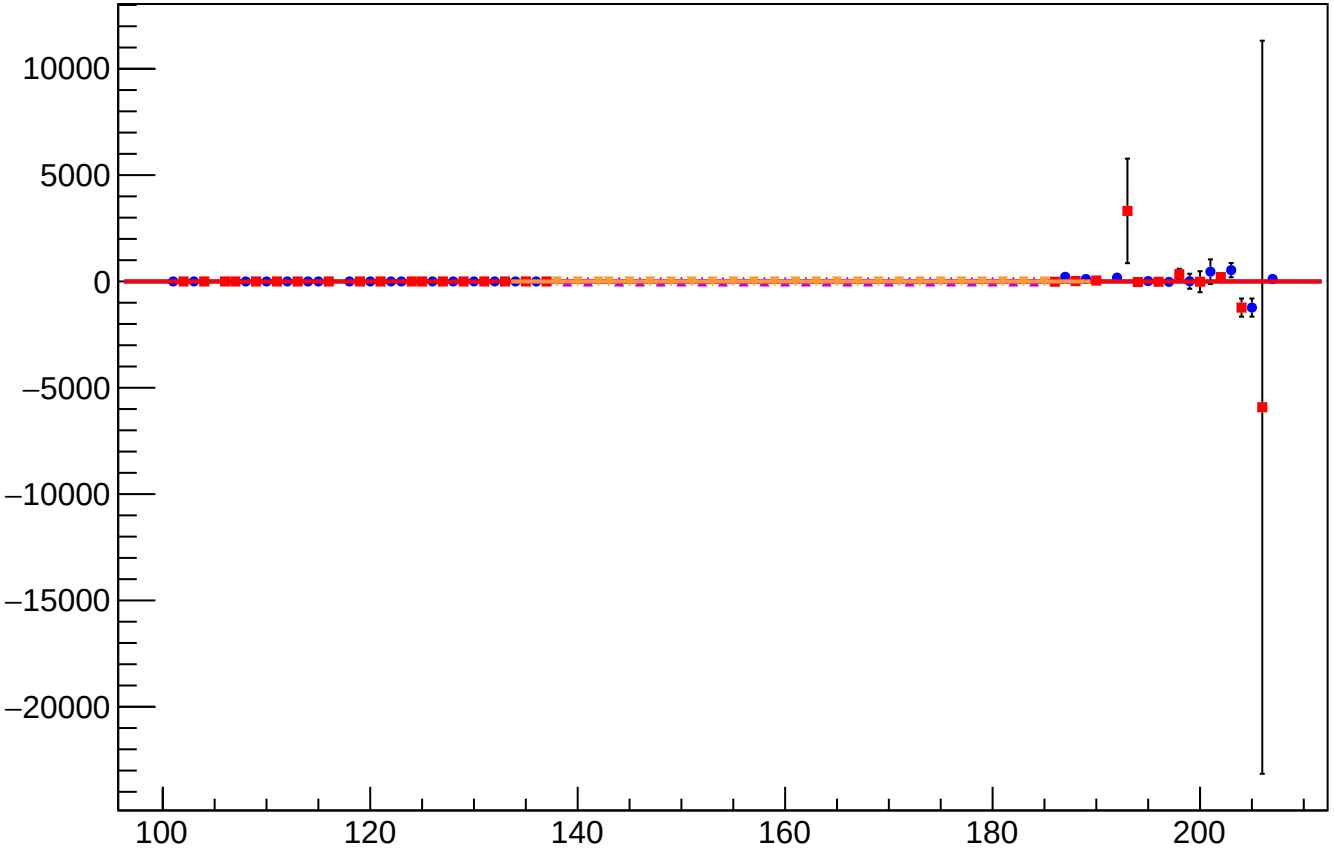
Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

+ sign 0.013+/-0.027 χ^2/NDF: 49.7/34

All: 0.009+/-0.019 χ^2/NDF: 136.1/68

- sign 0.005+/-0.028 χ^2/NDF: 86.3/33

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF: 47.3/26

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 32.7/28

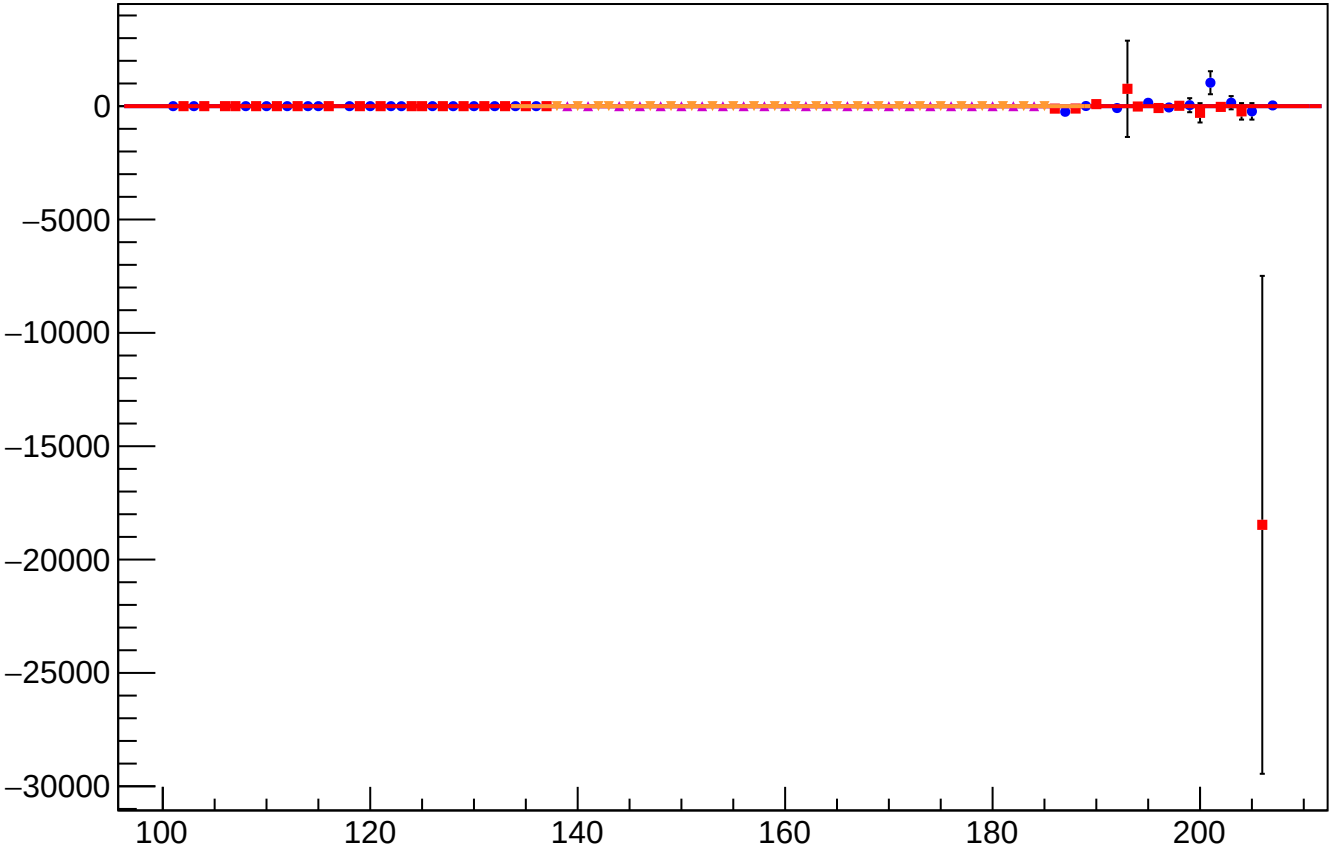
Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

+ sign -0.049+/-0.018 χ^2/NDF: 73.3/51

All: -0.066+/-0.013 χ^2/NDF: 158.1/103

- sign -0.085+/-0.019 χ^2/NDF: 83.0/51

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130+/-0.067 χ^2/NDF: 44.4/26

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 73.5/28

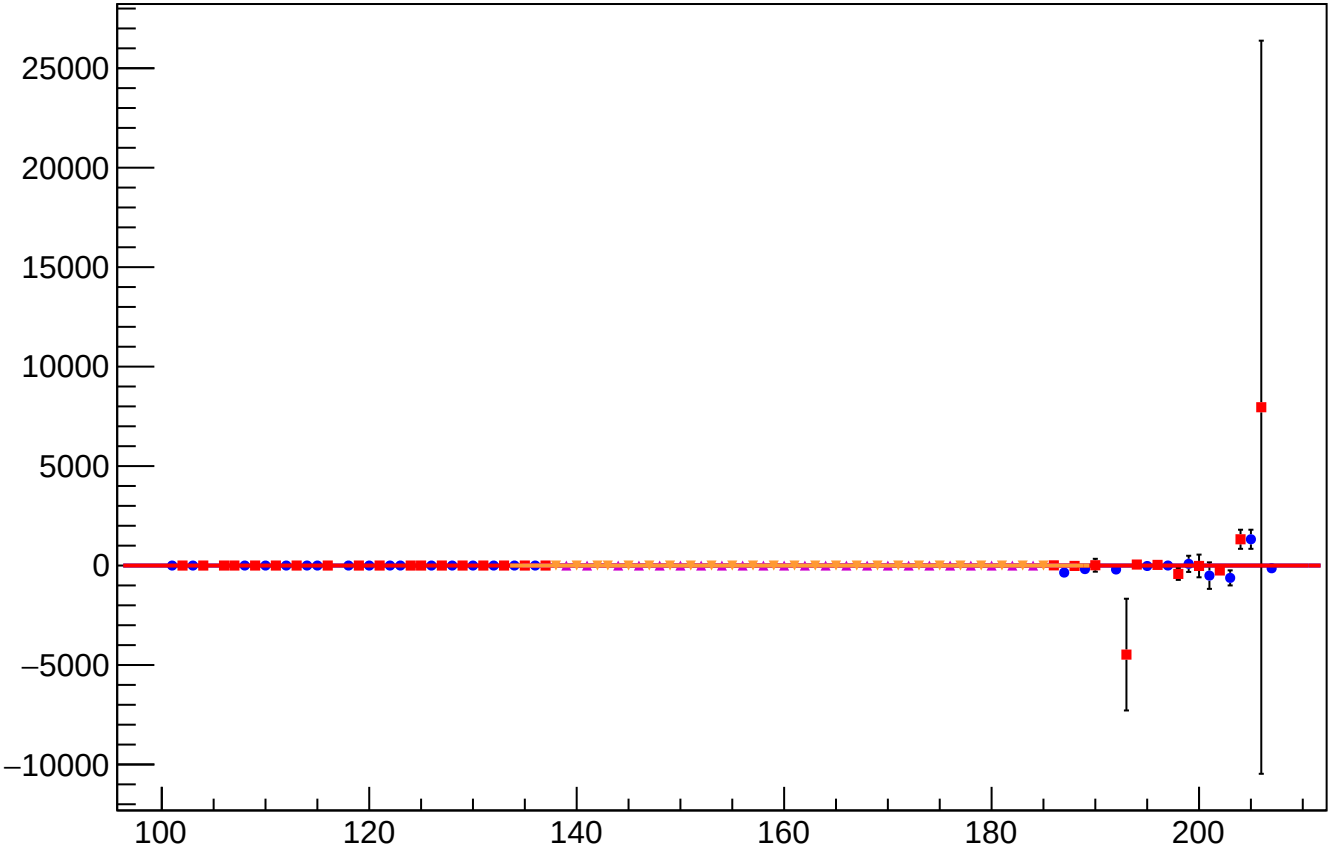
Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

+ sign -0.031+/-0.025 χ^2/NDF: 74.0/51

All: -0.042+/-0.018 χ^2/NDF: 179.0/103

- sign -0.053+/-0.026 χ^2/NDF: 104.6/51

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 46.0/26

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 31.5/28

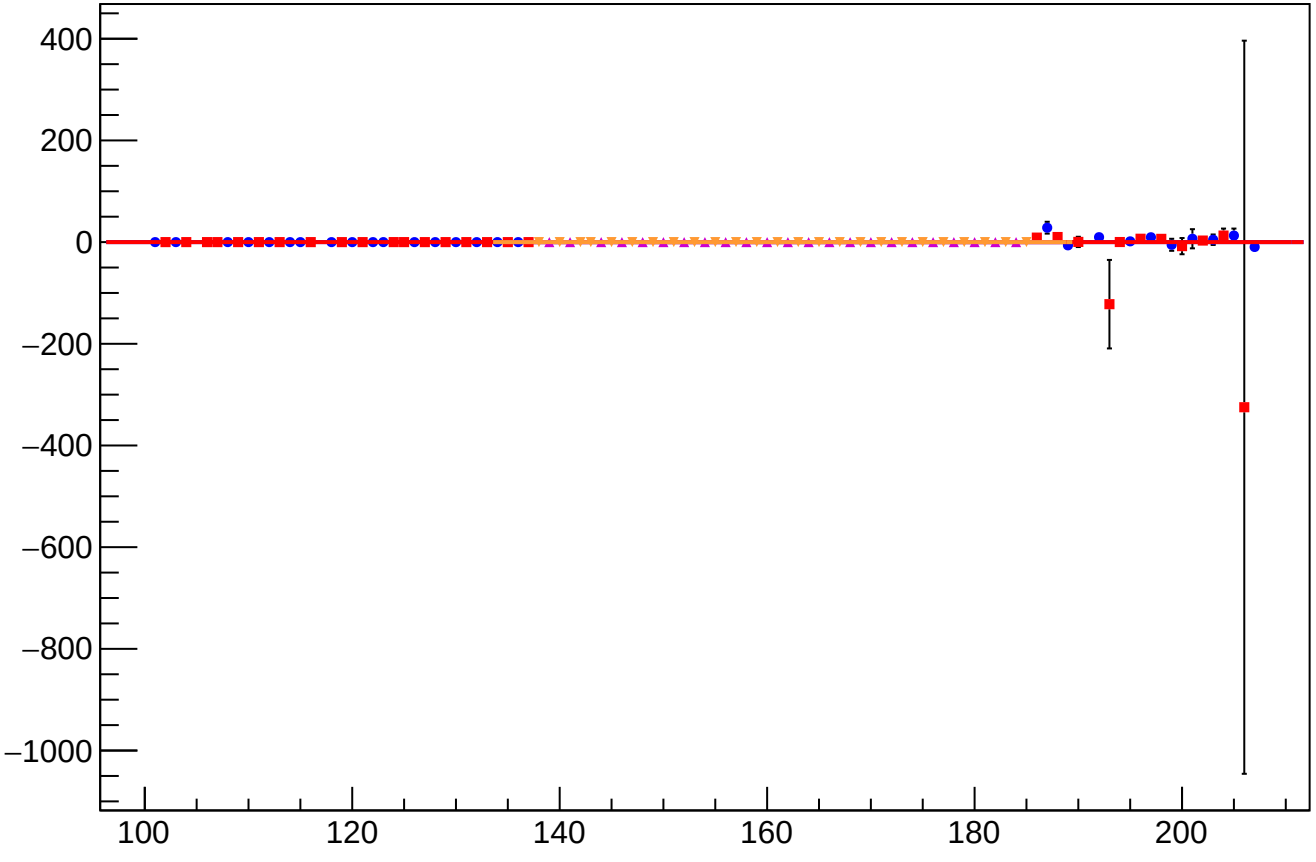
Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

+ sign 0.052+/-0.021 χ^2/NDF: 71.8/51

All: 0.069+/-0.015 χ^2/NDF: 158.7/103

- sign 0.088+/-0.022 χ^2/NDF: 85.5/51

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 59.4/26

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 46.2/28

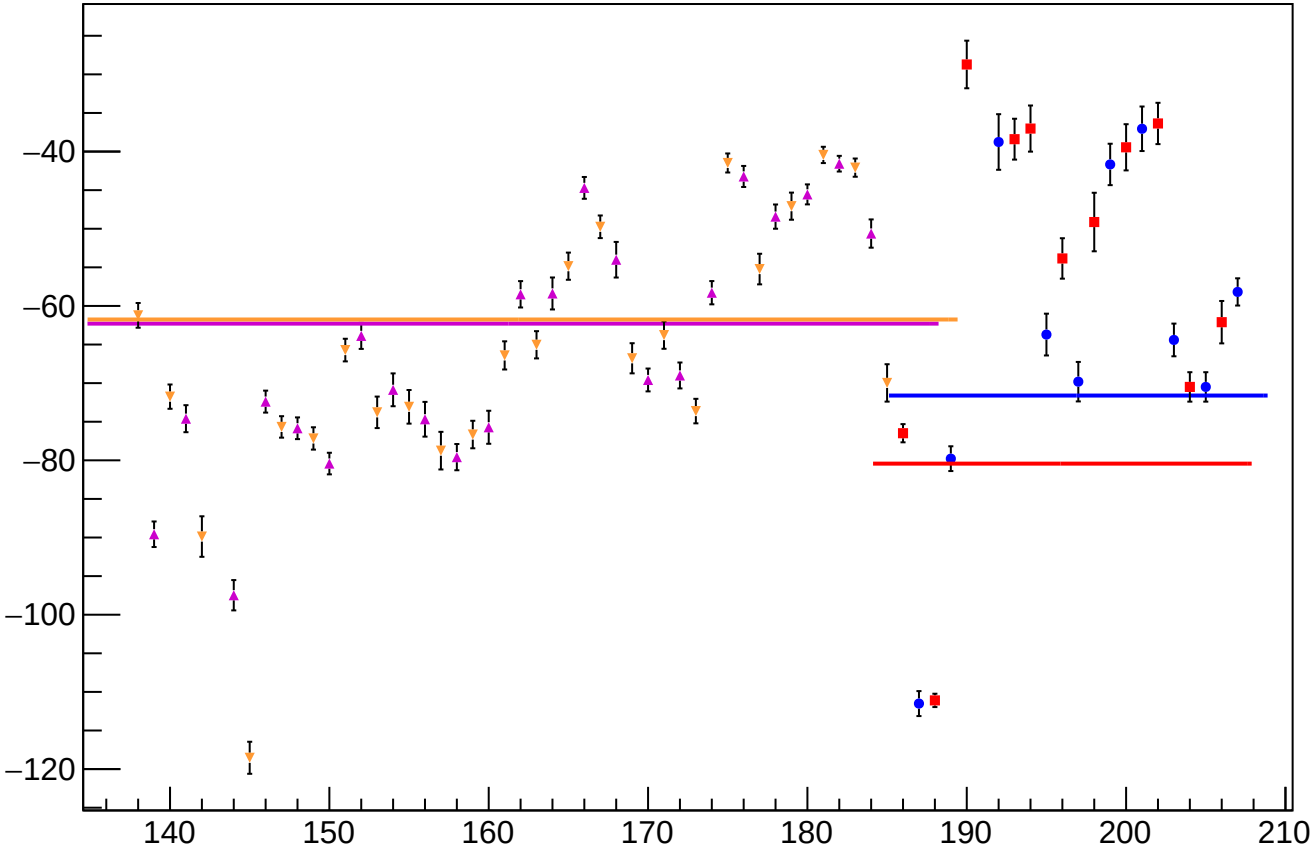
Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

+ sign 0.007+/-0.001 χ^2/NDF: 93.4/51

All: 0.007+/-0.001 χ^2/NDF: 162.7/103

- sign 0.008+/-0.001 χ^2/NDF: 68.8/51

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -71.609+/-0.672 χ^2/NDF: 1064.7/9

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -80.428+/-0.551 χ^2/NDF: 2717.7/10

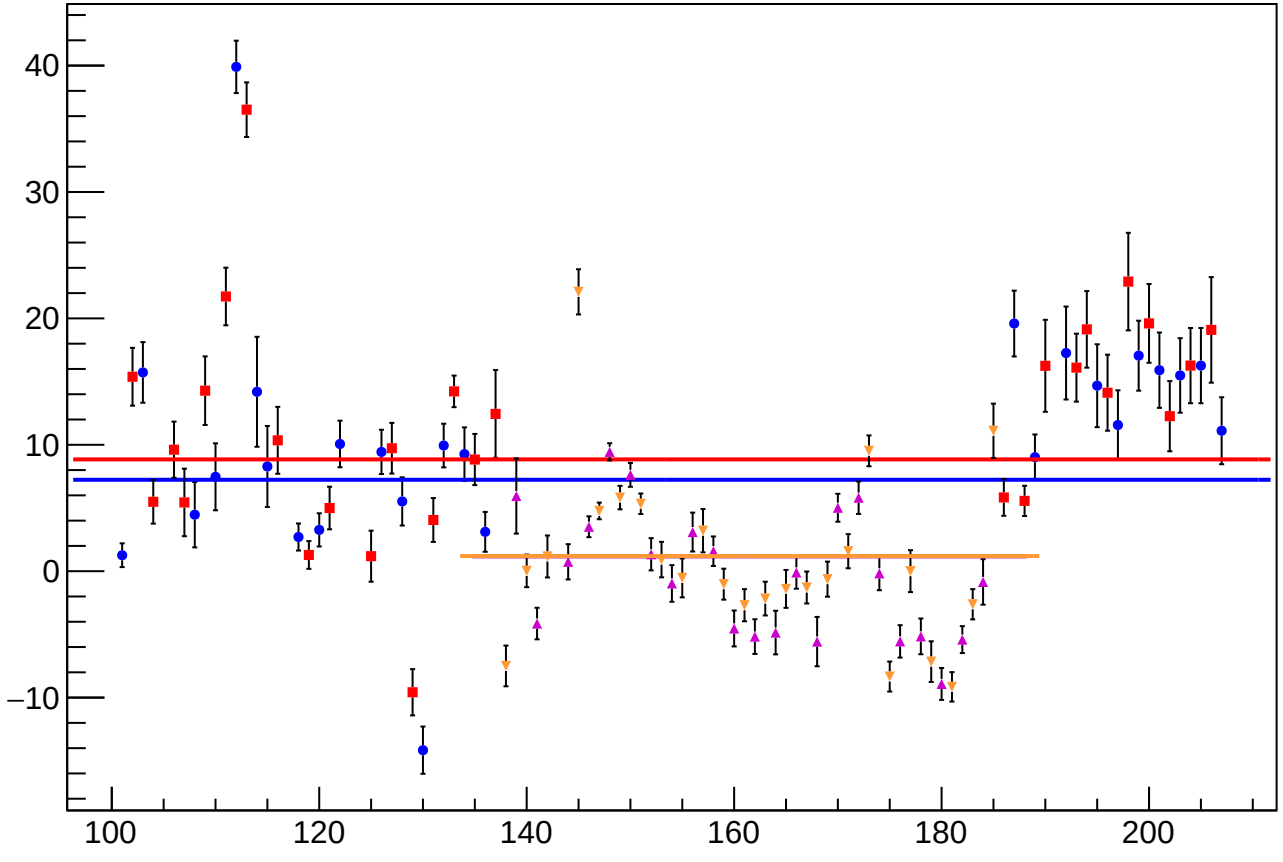
Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

+ sign -63.707+/-0.299 χ^2/NDF: 3746.5/33

All: -65.493+/-0.206 χ^2/NDF: 9593.1/67

- sign -67.104+/-0.284 χ^2/NDF: 5778.8/33

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 7.233+/-0.379 χ^2/NDF: 556.7/25

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.845+/-0.381 χ^2/NDF: 486.8/27

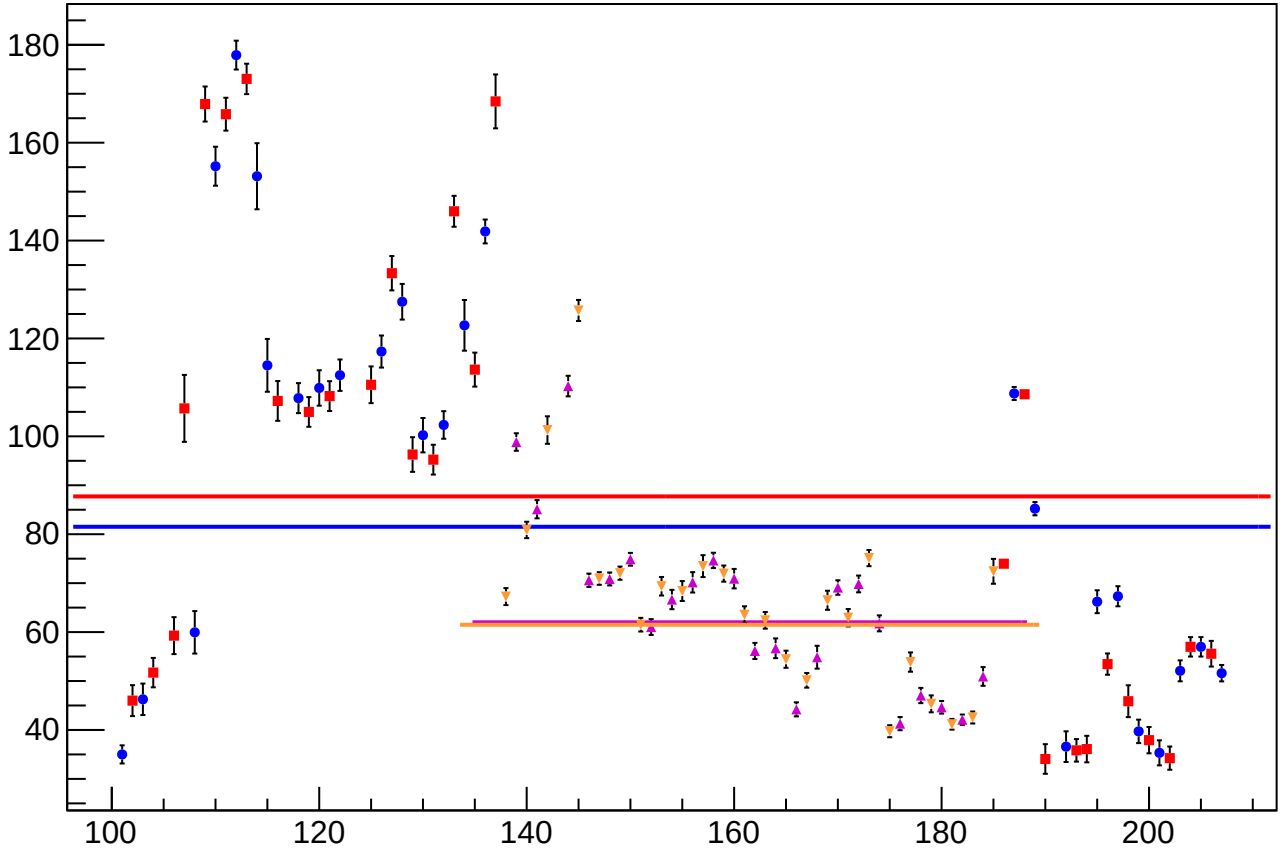
Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

+ sign 3.049+/-0.210 χ^2/NDF: 1258.2/49

All: 3.296+/-0.149 χ^2/NDF: 2494.9/100

- sign 3.546+/-0.212 χ^2/NDF: 1233.9/50

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 81.521+/-0.481 χ^2/NDF: 5612.9/25

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 87.724+/-0.406 χ^2/NDF: 7062.6/27

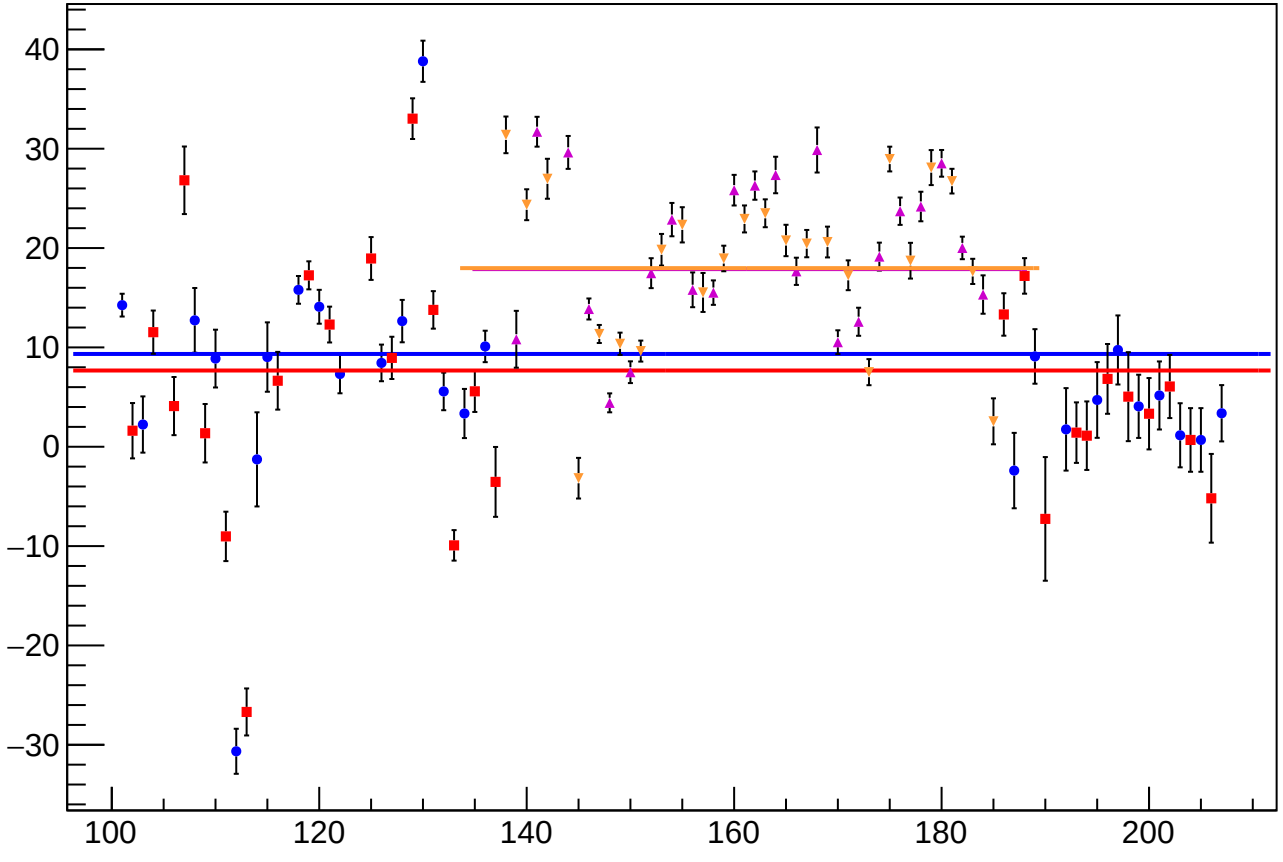
Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

+ sign 67.966+/-0.273 χ^2/NDF: 9396.5/49

All: 70.217+/-0.187 χ^2/NDF: 21527.1/100

- sign 72.186+/-0.256 χ^2/NDF: 12003.5/50

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 9.340+/-0.445 χ^2/NDF: 624.0/25

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.674+/-0.455 χ^2/NDF: 752.7/27

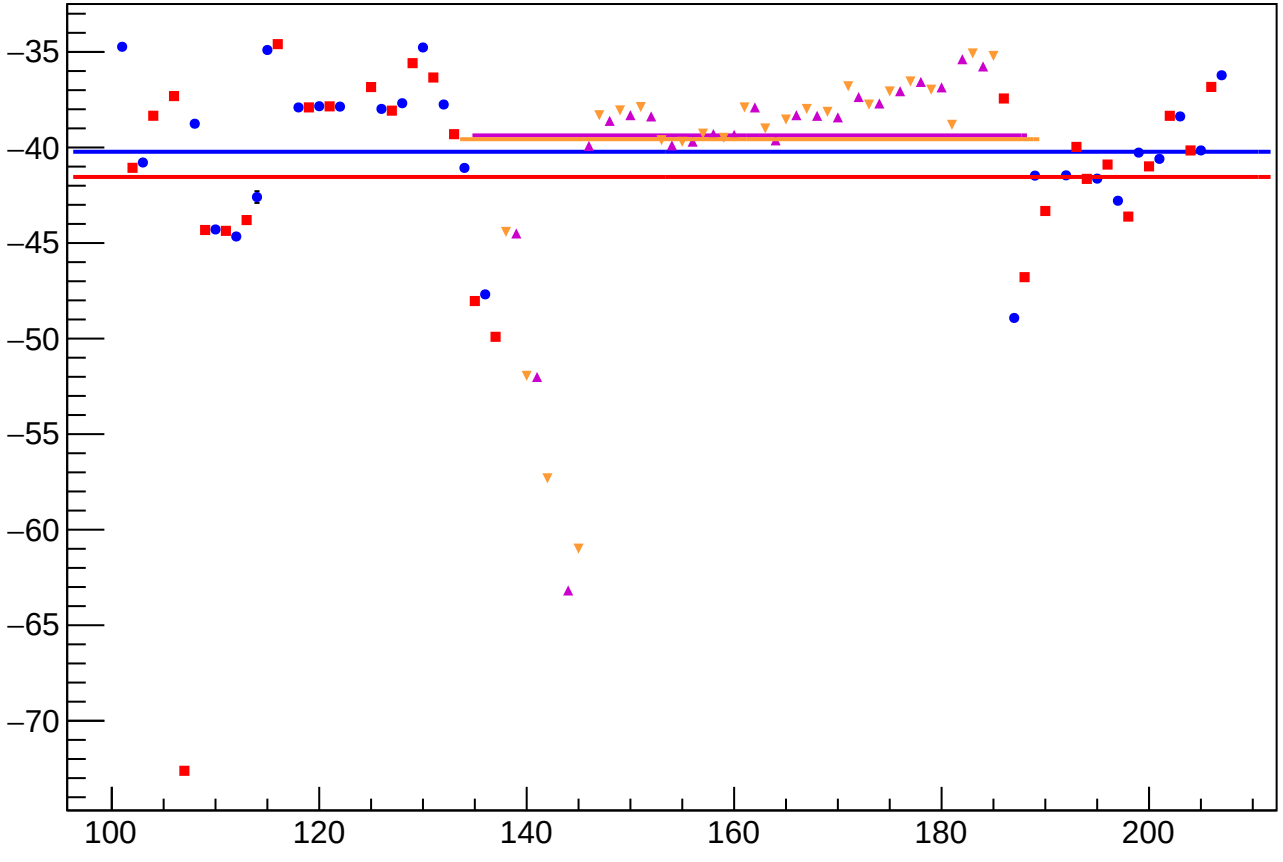
Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

+ sign 15.396+/-0.243 χ^2/NDF: 1562.7/49

All: 15.156+/-0.173 χ^2/NDF: 3404.6/100

- sign 14.911+/-0.246 χ^2/NDF: 1840.0/50

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.223+/-0.022 χ^2/NDF: 29268.9/25

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.542+/-0.022 χ^2/NDF: 66926.0/27

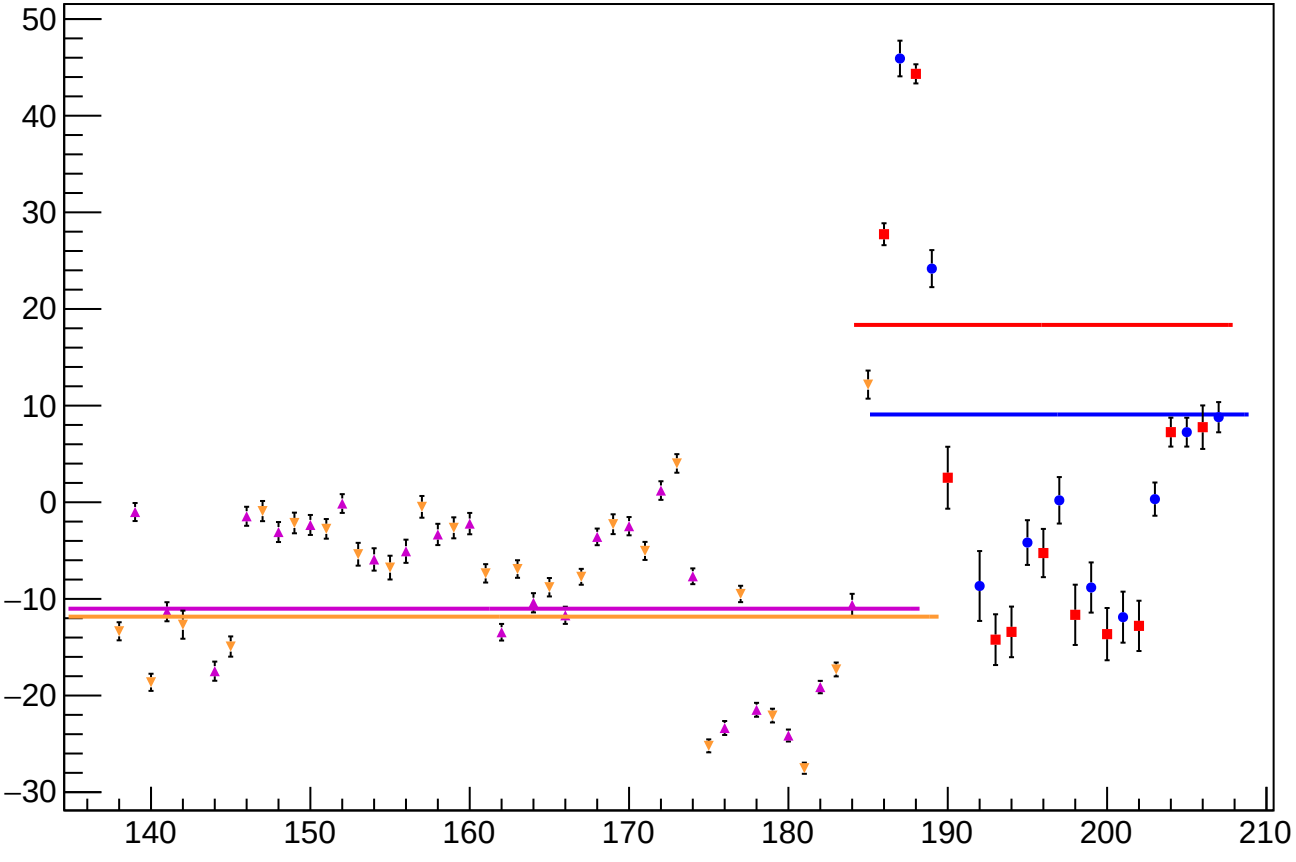
Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

+ sign -39.746+/-0.012 χ^2/NDF: 171043.7/49

All: -39.854+/-0.008 χ^2/NDF: 363106.6/100

- sign -39.960+/-0.012 χ^2/NDF: 191894.5/50

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 9.083+/-0.634 χ^2/NDF: 669.3/9

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 18.351+/-0.544 χ^2/NDF: 1624.5/10

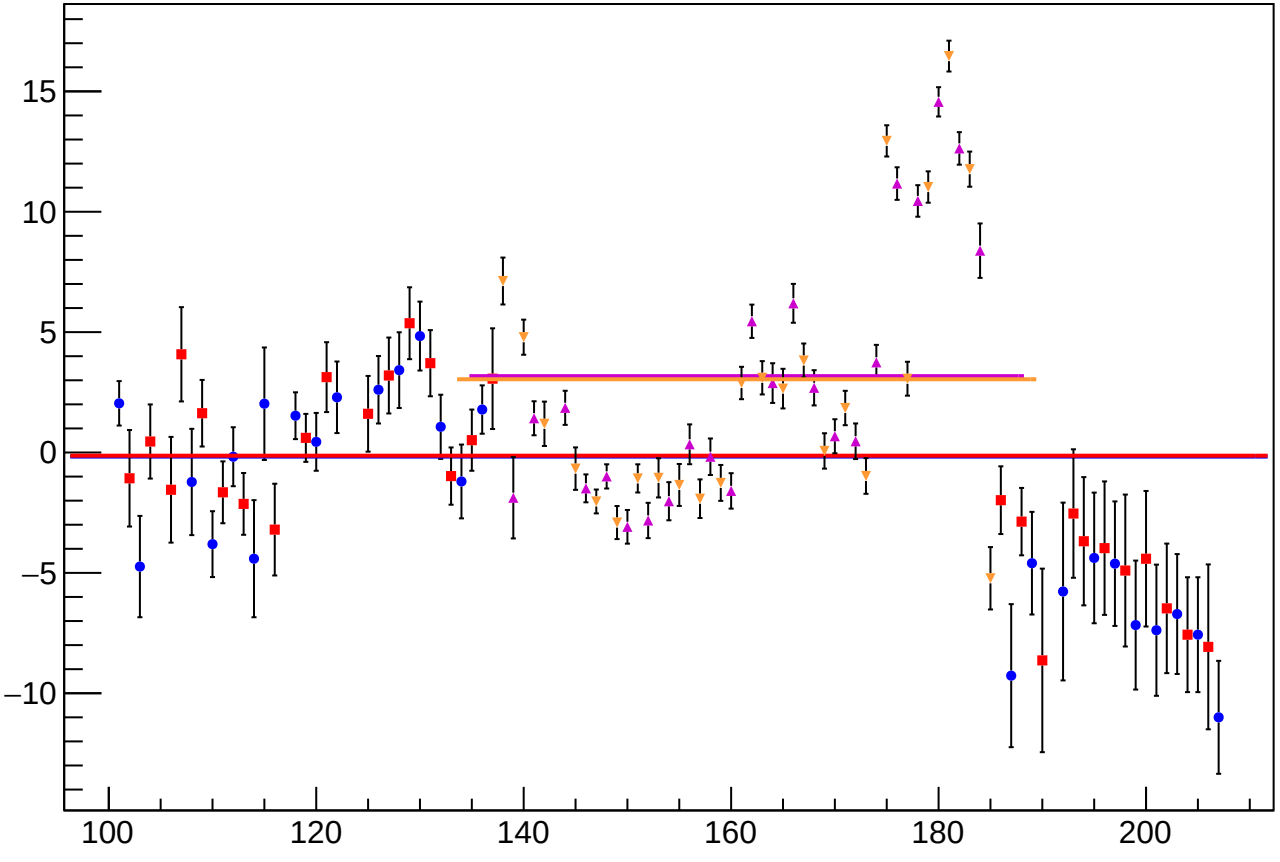
Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

+ sign -10.165+/-0.179 χ^2/NDF: 4413.9/33

All: -9.023+/-0.126 χ^2/NDF: 10839.7/67

- sign -7.908+/-0.177 χ^2/NDF: 6345.4/33

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: -0.169+/-0.313 χ^2/NDF: 127.2/25

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: -0.132+/-0.315 χ^2/NDF: 89.5/27

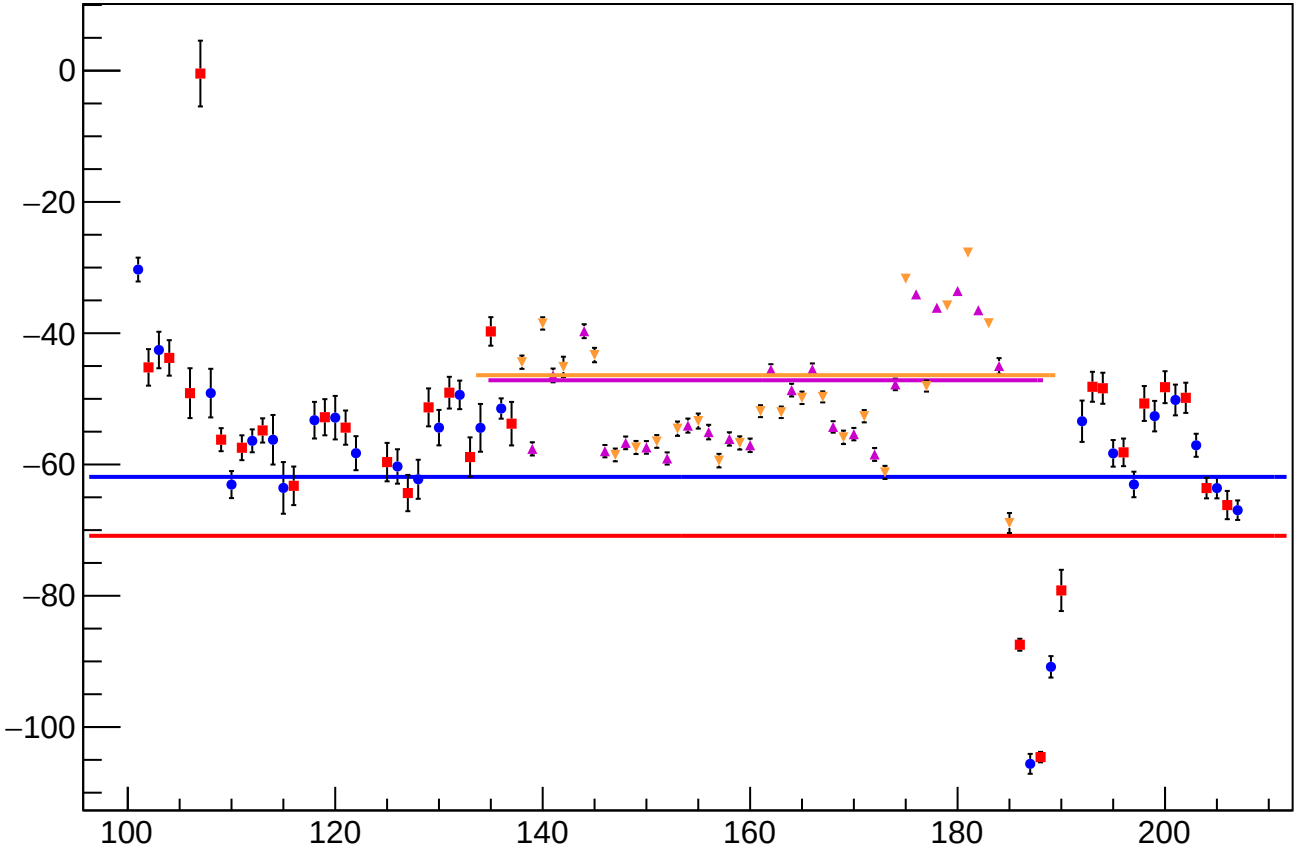
Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

+ sign 2.456+/-0.134 χ^2/NDF: 1666.0/49

All: 2.509+/-0.095 χ^2/NDF: 3143.7/100

- sign 2.563+/-0.135 χ^2/NDF: 1477.4/50

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -61.889+/-0.421 χ^2/NDF: 1700.8/25

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -70.867+/-0.372 χ^2/NDF: 3700.3/27

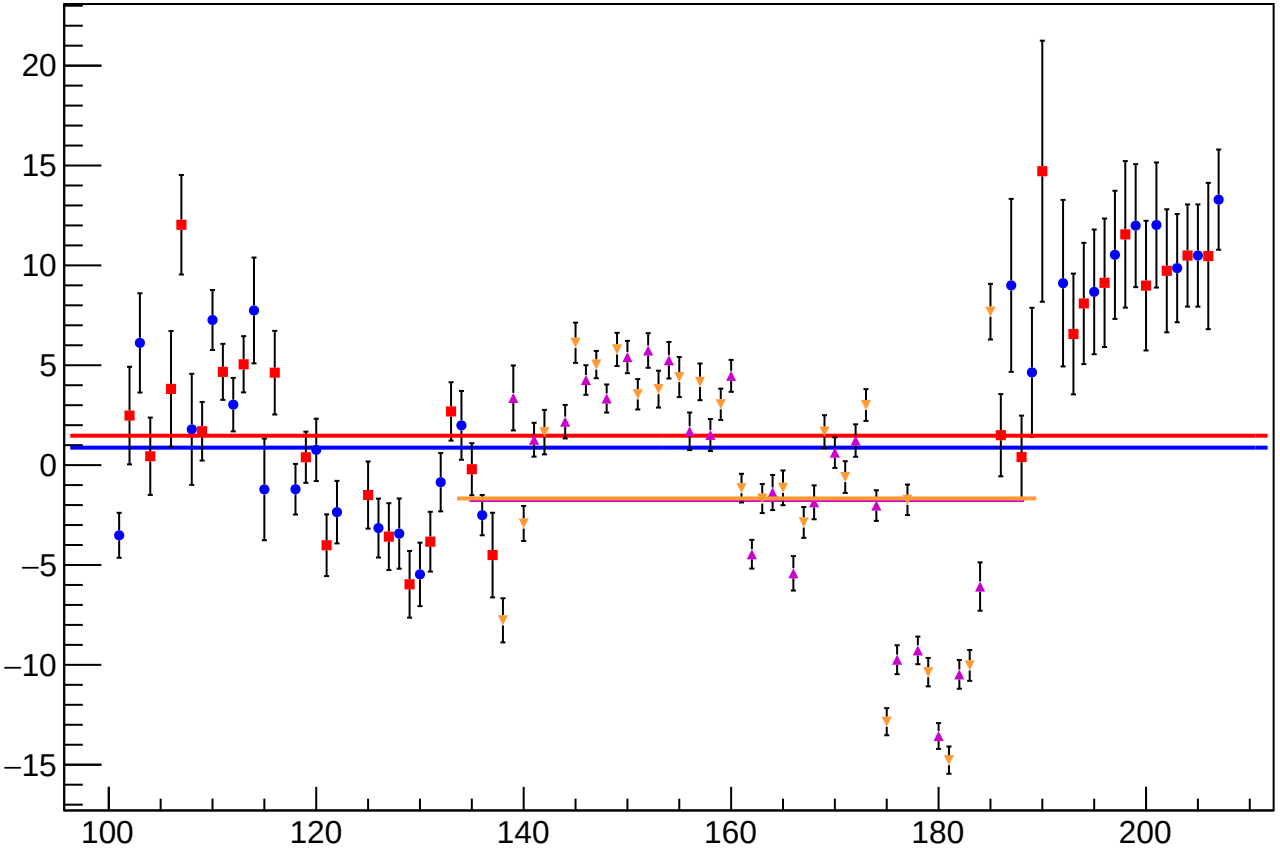
Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

+ sign -48.939+/-0.171 χ^2/NDF: 6121.7/49

All: -50.465+/-0.119 χ^2/NDF: 15743.3/100

- sign -51.922+/-0.167 χ^2/NDF: 9465.2/50

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.874+/-0.357 χ^2/NDF: 196.7/25

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 1.473+/-0.364 χ^2/NDF: 157.4/27

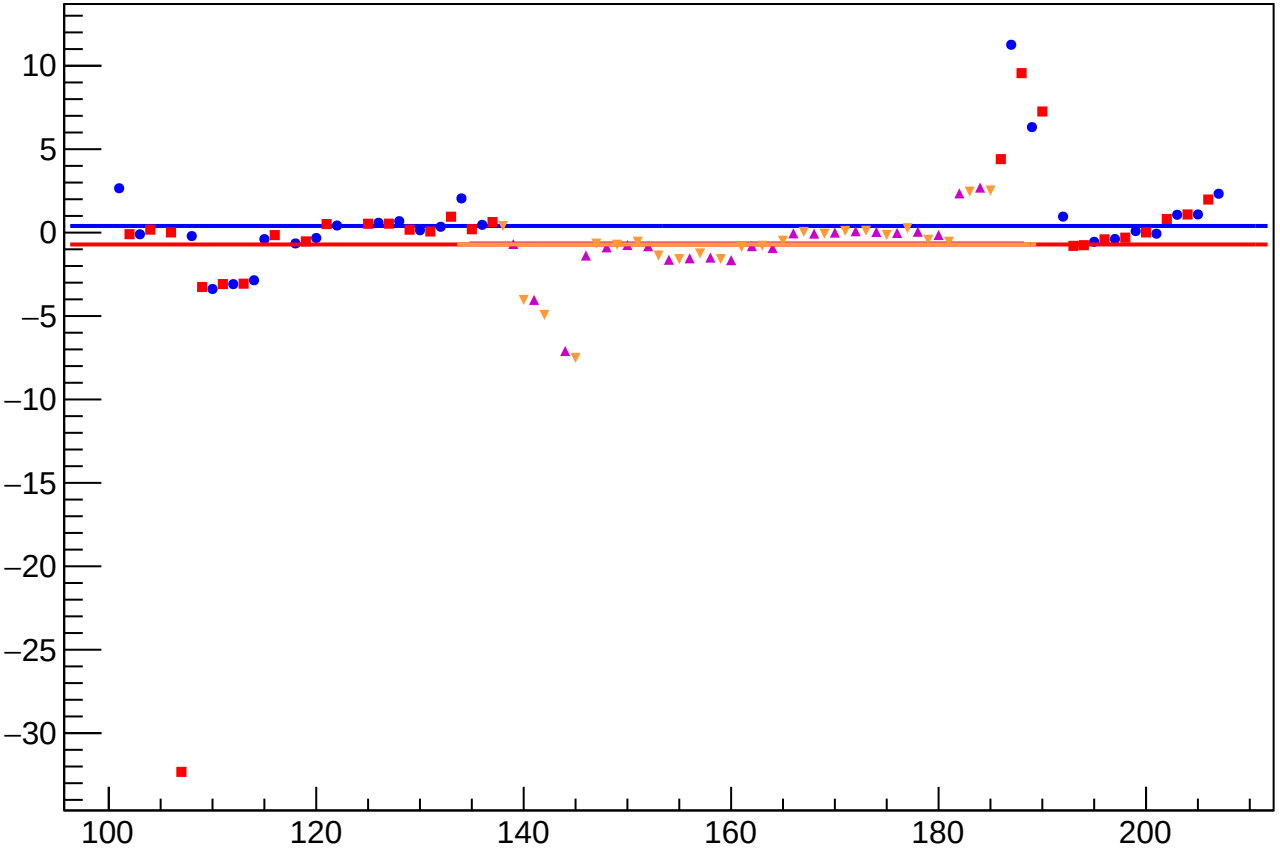
Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

+ sign -1.212+/-0.151 χ^2/NDF: 1717.7/49

All: -1.195+/-0.108 χ^2/NDF: 3193.7/100

- sign -1.178+/-0.153 χ^2/NDF: 1476.0/50

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.398+/-0.018 χ^2/NDF: 9986.9/25

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.711+/-0.018 χ^2/NDF: 93184.4/27

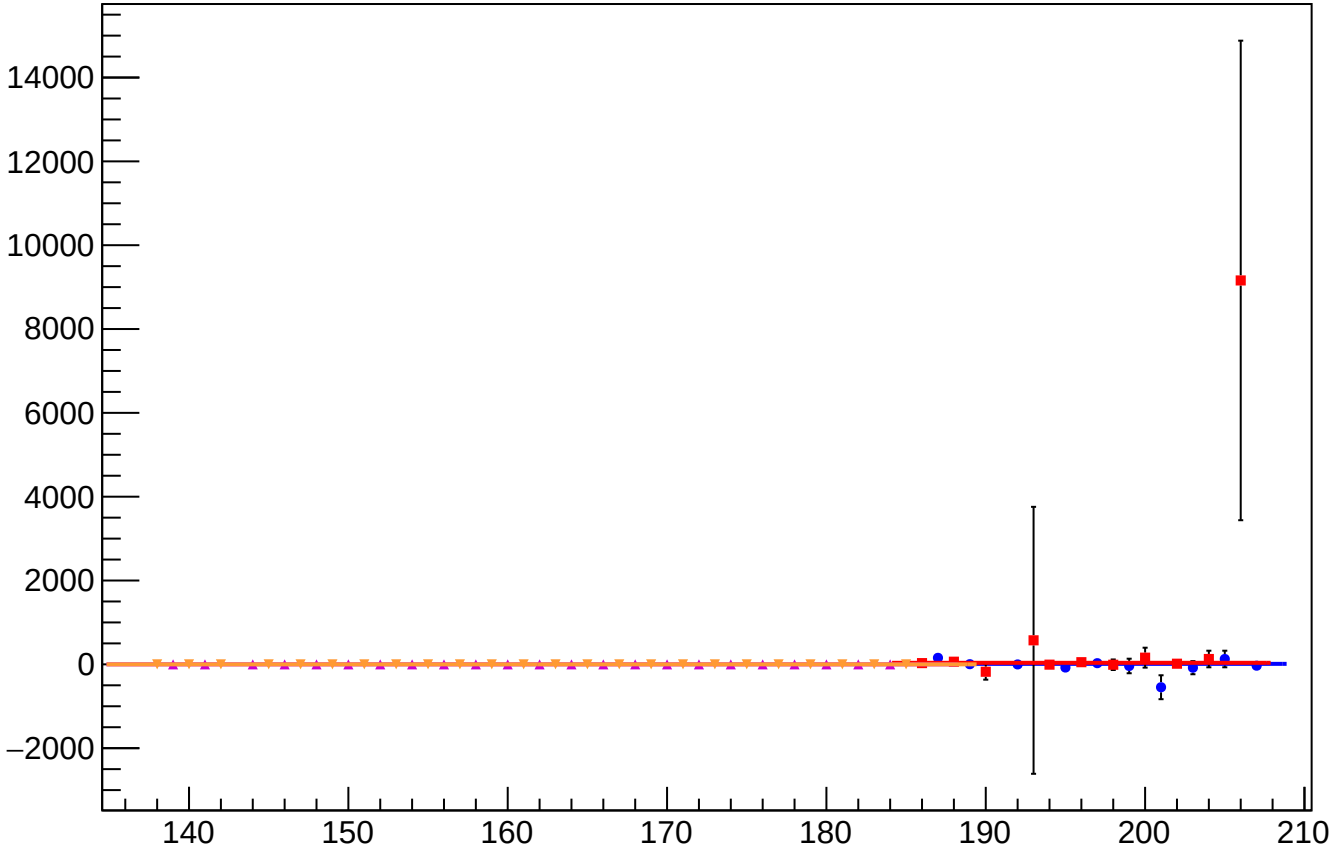
Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

+ sign -0.537+/-0.007 χ^2/NDF: 66872.2/49

All: -0.599+/-0.005 χ^2/NDF: 204385.7/100

- sign -0.660+/-0.007 χ^2/NDF: 137360.6/50

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 11.769+/-16.613 χ^2/NDF: 19.2/9

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 36.601+/-9.820 χ^2/NDF: 7.2/10

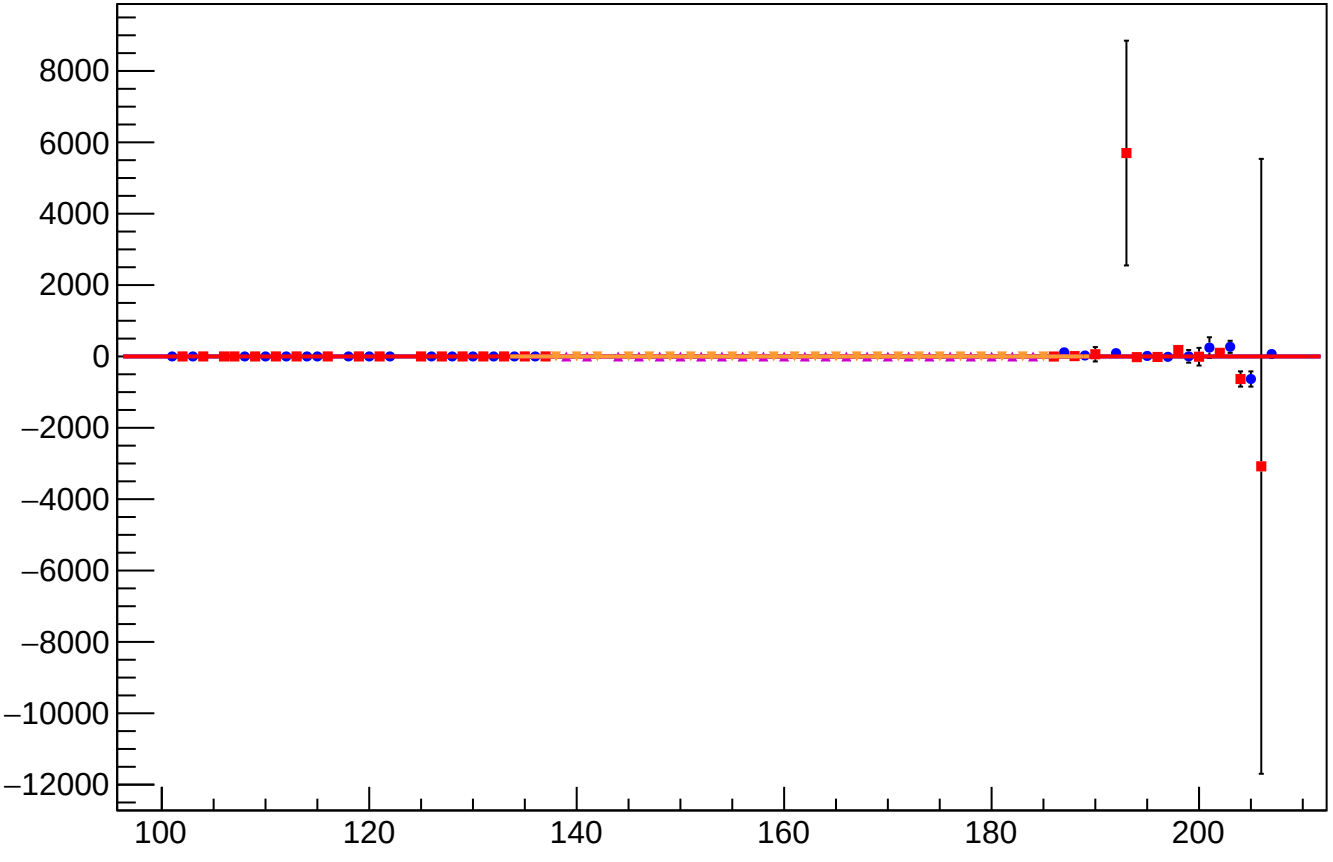
Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

+ sign -0.038+/-0.018 χ^2/NDF: 55.3/33

All: -0.024+/-0.013 χ^2/NDF: 113.0/67

- sign -0.009+/-0.018 χ^2/NDF: 56.4/33

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 30.4/25

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 26.4/27

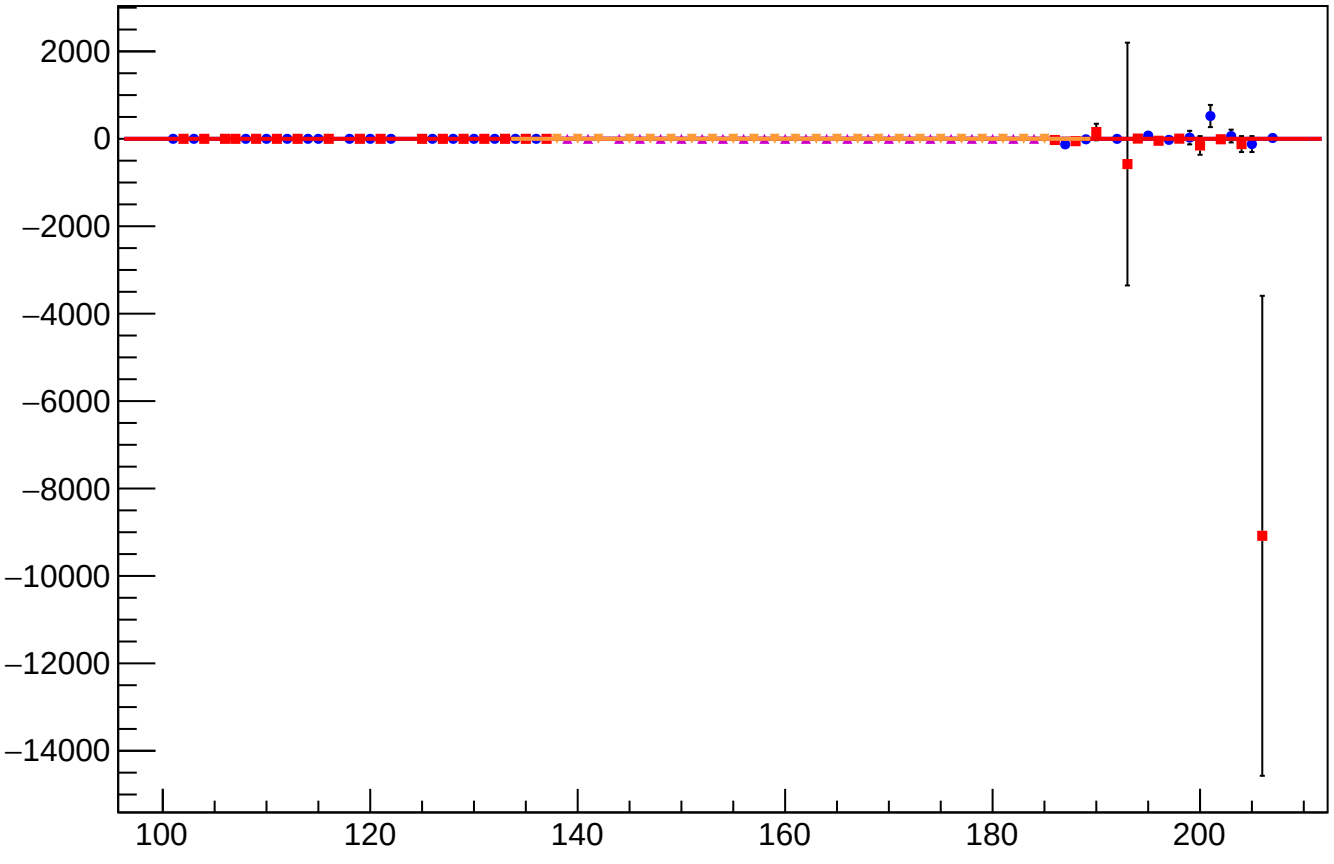
Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

+ sign -0.057+/-0.012 χ^2/NDF: 63.1/49

All: -0.064+/-0.009 χ^2/NDF: 131.5/100

- sign -0.072+/-0.012 χ^2/NDF: 67.6/50

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 30.0/25

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 32.0/27

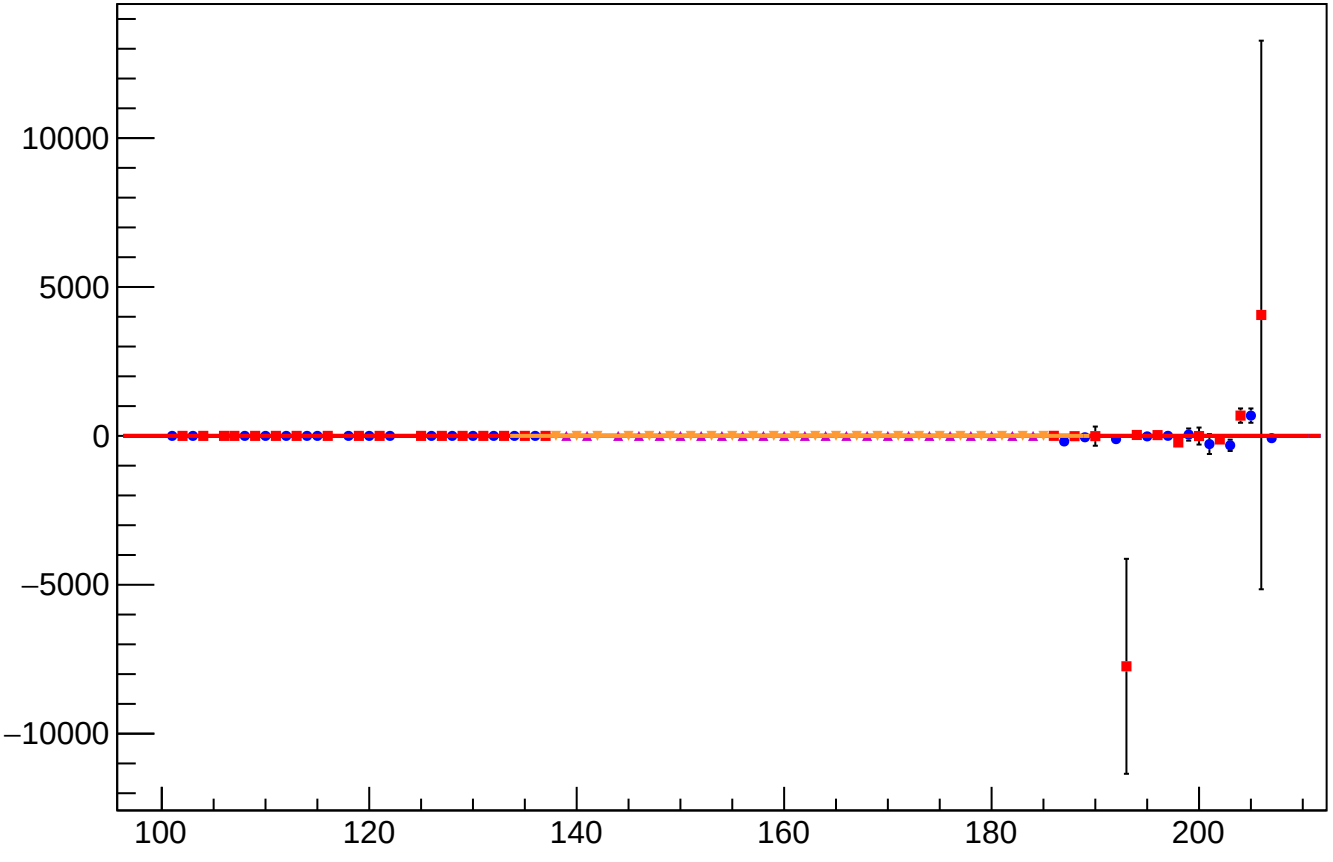
Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

+ sign 0.033+/-0.017 χ^2/NDF: 62.5/49

All: 0.014+/-0.012 χ^2/NDF: 134.9/100

- sign -0.005+/-0.017 χ^2/NDF: 69.8/50

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 30.9/25

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 26.3/27

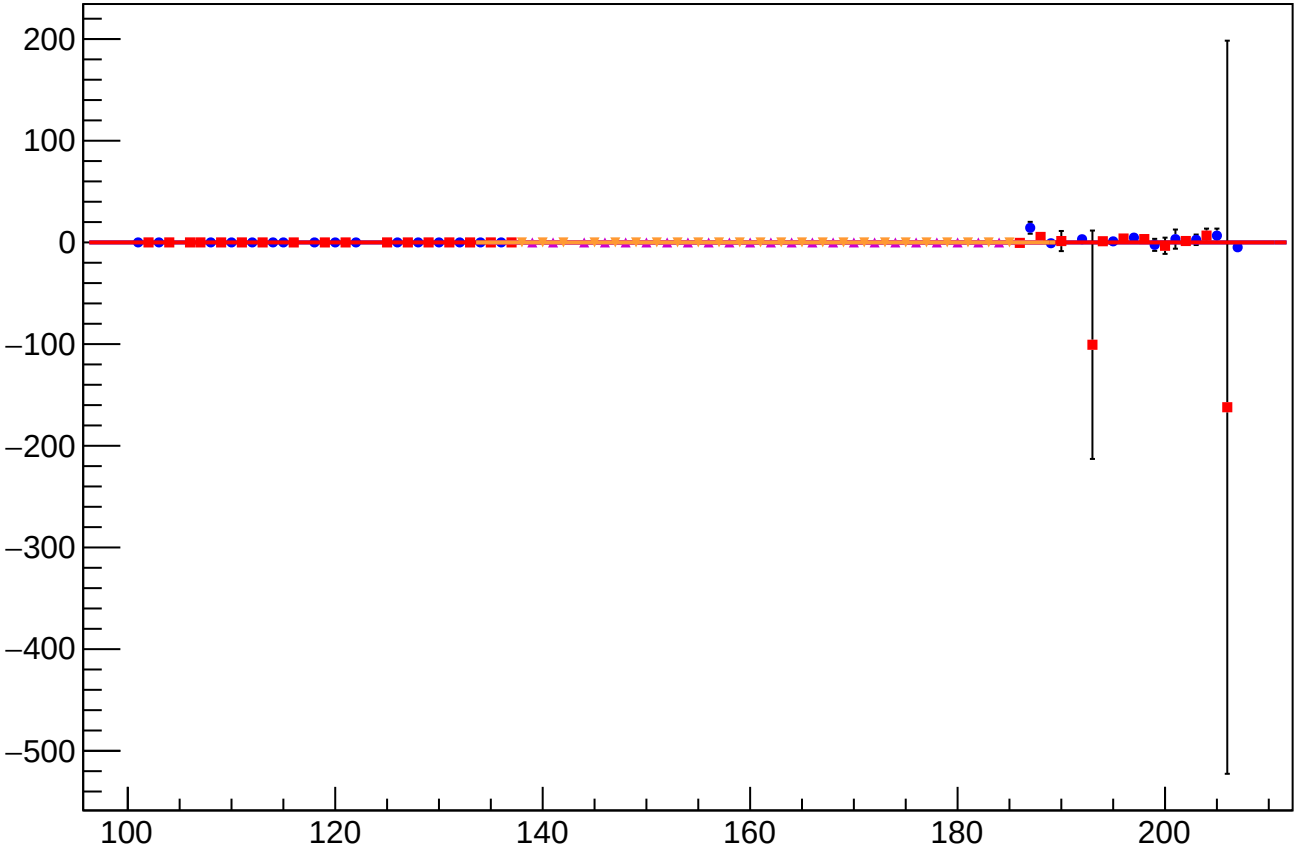
Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

+ sign 0.065+/-0.014 χ^2/NDF: 65.1/49

All: 0.073+/-0.010 χ^2/NDF: 137.3/100

- sign 0.081+/-0.014 χ^2/NDF: 71.6/50

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 41.5/25

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 36.5/27

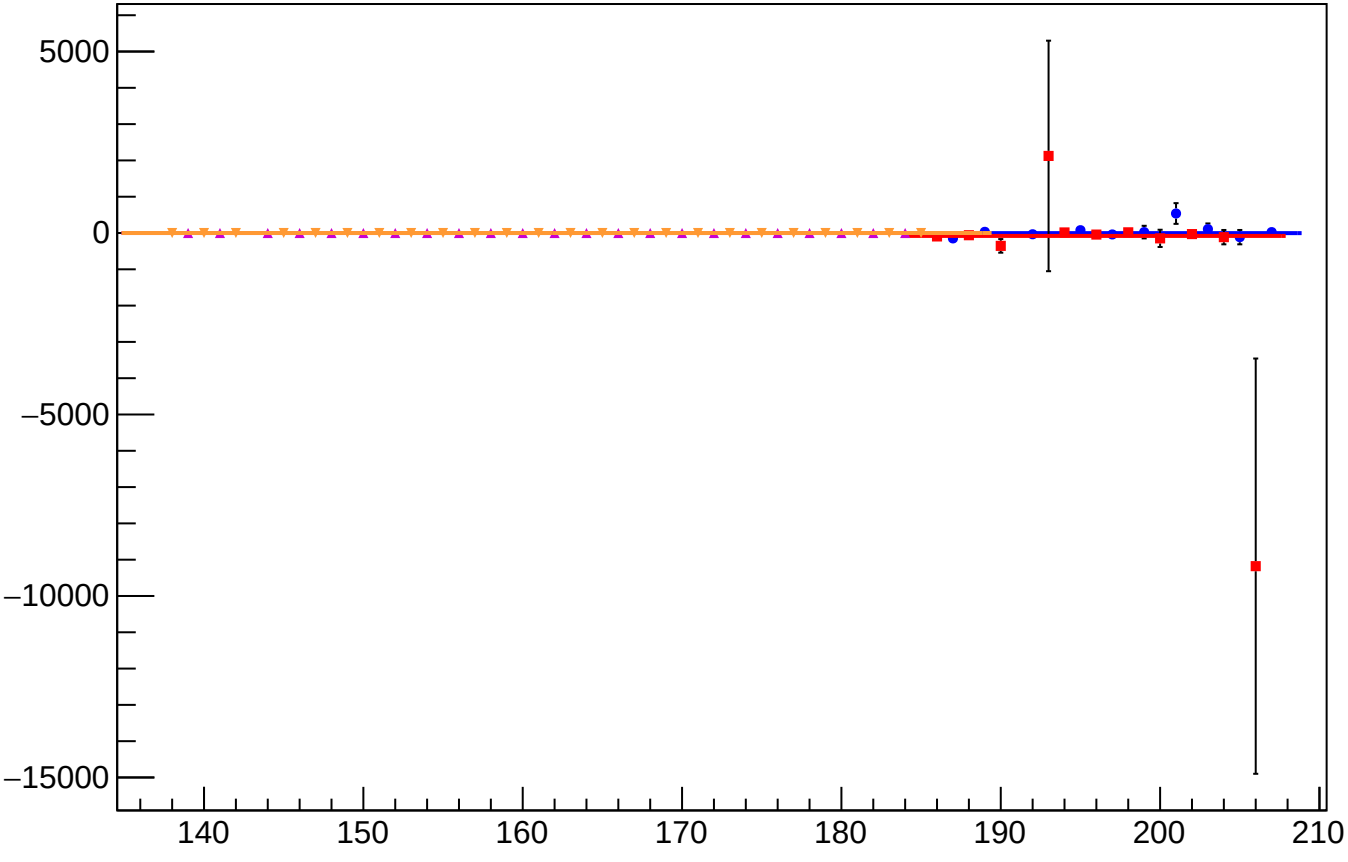
Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

+ sign -0.001+/-0.001 χ^2/NDF: 78.4/49

All: -0.001+/-0.000 χ^2/NDF: 144.5/100

- sign -0.001+/-0.001 χ^2/NDF: 66.1/50

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -3.134+/-16.605 χ^2/NDF: 20.3/9

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -79.935+/-9.823 χ^2/NDF: 12.0/10

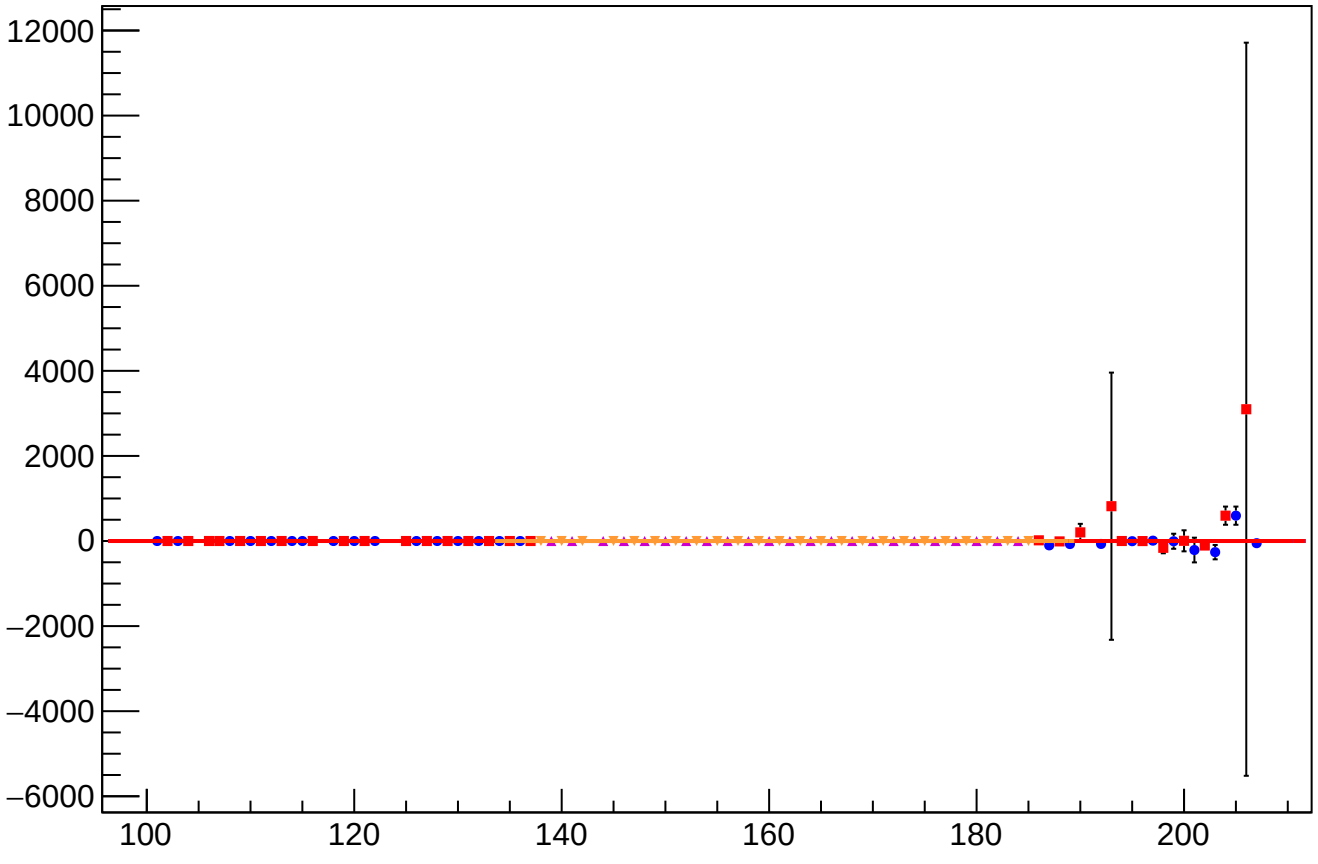
Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

+ sign -0.052+/-0.018 χ^2/NDF: 57.6/33

All: -0.031+/-0.013 χ^2/NDF: 171.8/67

- sign -0.010+/-0.018 χ^2/NDF: 111.5/33

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010+/-0.023 χ^2/NDF: 44.4/25

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 41.8/27

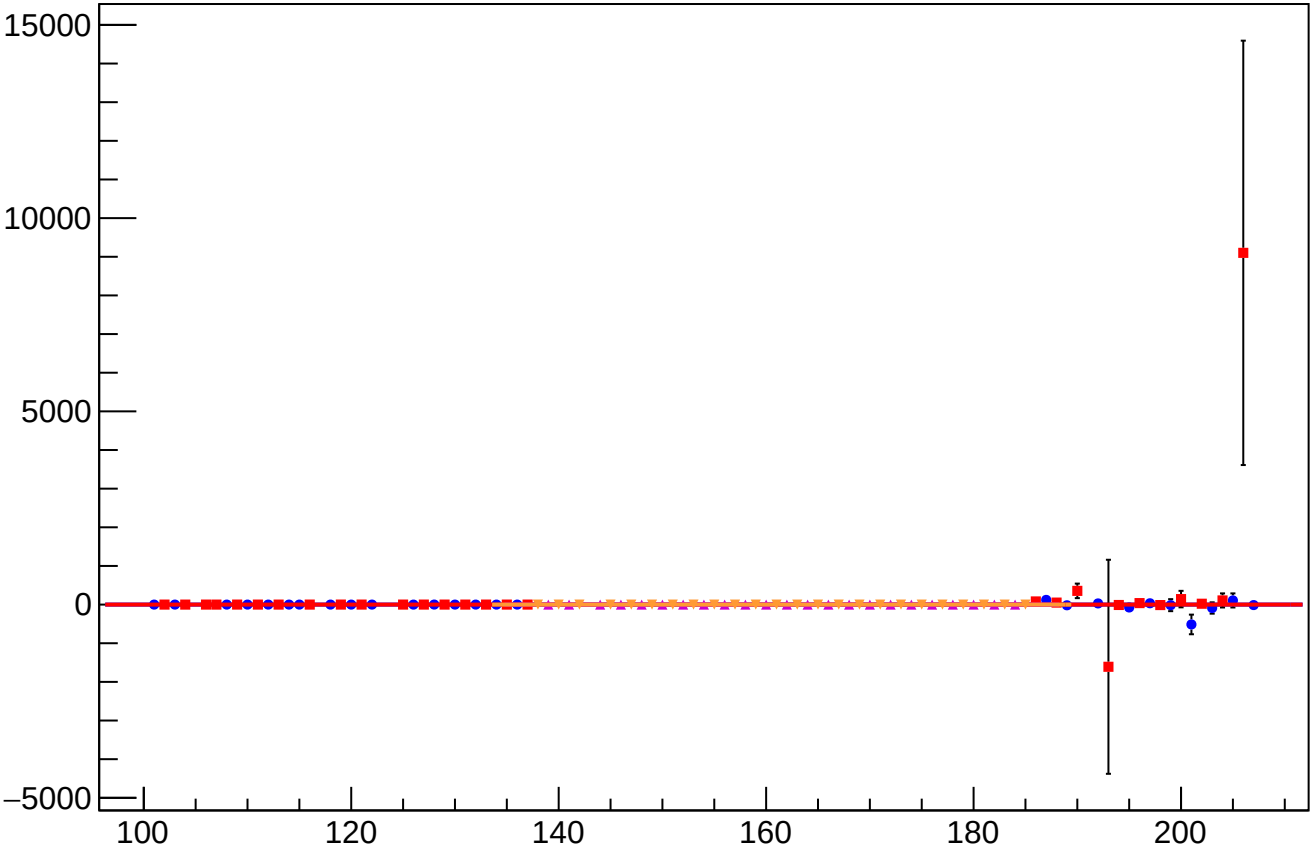
Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

+ sign -0.005+/-0.012 χ^2/NDF: 74.5/49

All: 0.004+/-0.009 χ^2/NDF: 169.2/100

- sign 0.013+/-0.012 χ^2/NDF: 93.8/50

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 48.8/25

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 100.2/27

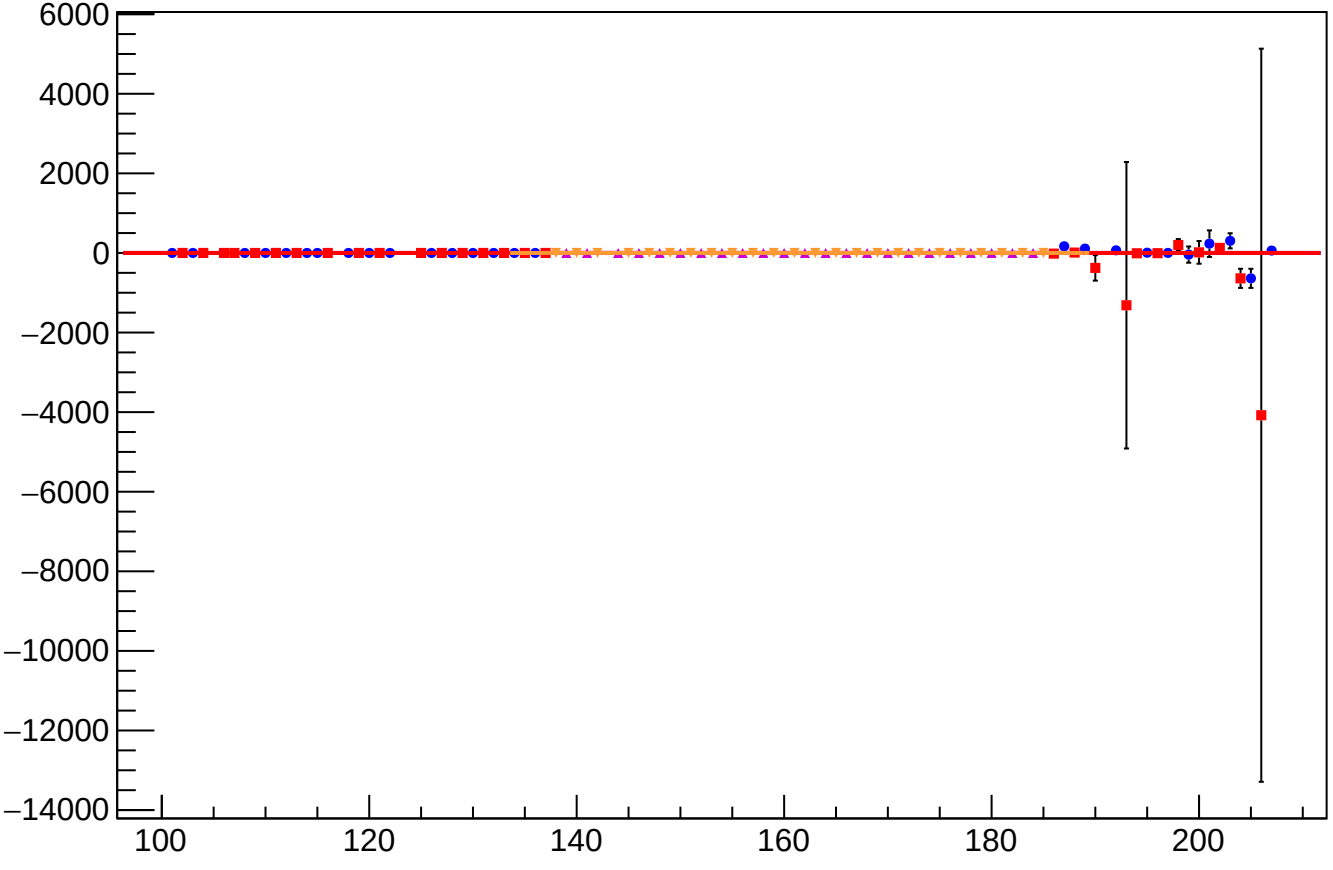
Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

+ sign 0.063+/-0.017 χ^2/NDF: 89.2/49

All: 0.055+/-0.012 χ^2/NDF: 238.2/100

- sign 0.046+/-0.017 χ^2/NDF: 148.4/50

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 43.5/25

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 39.5/27

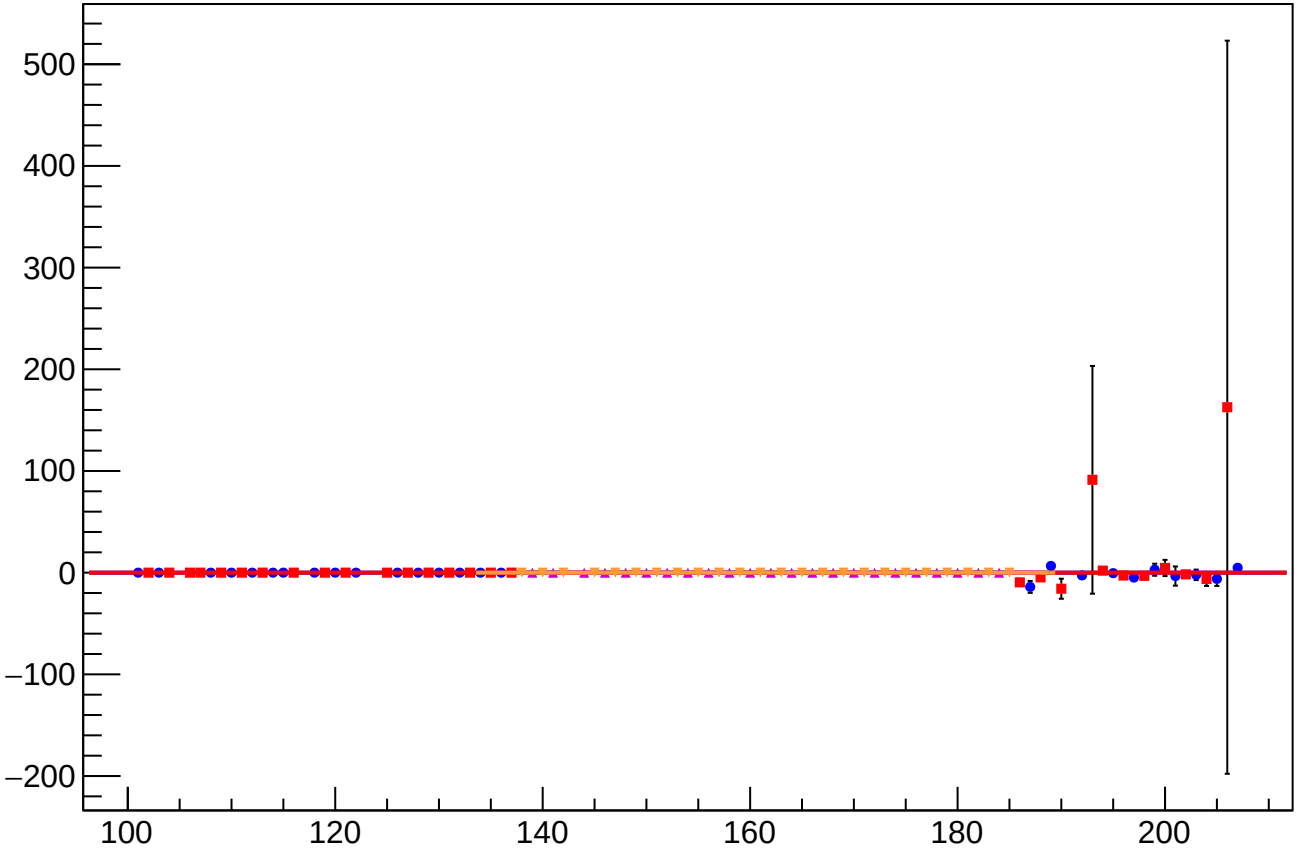
Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

+ sign 0.012+/-0.014 χ^2/NDF: 77.9/49

All: 0.003+/-0.010 χ^2/NDF: 172.0/100

- sign -0.007+/-0.014 χ^2/NDF: 93.2/50

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 53.8/25

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 70.3/27

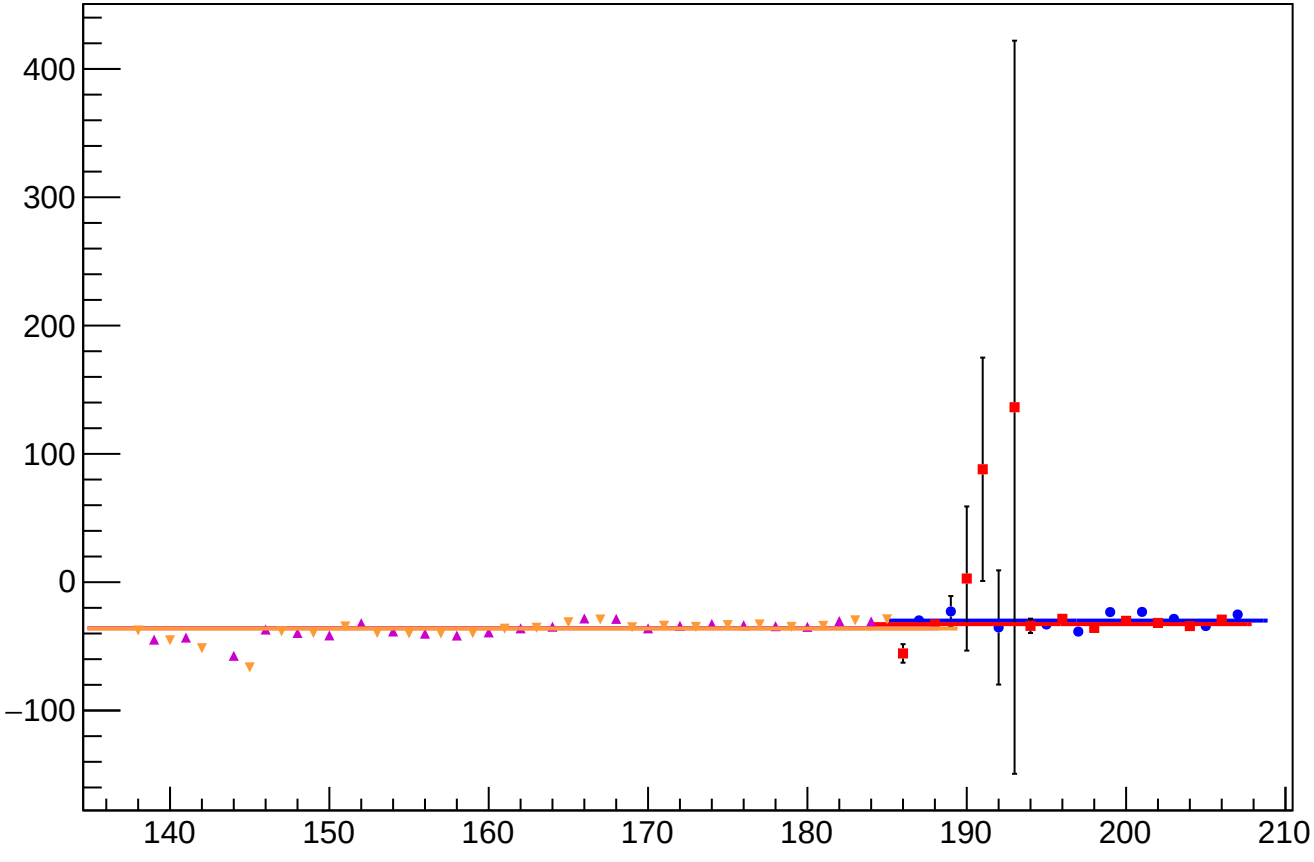
Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 87.5/49

All: -0.008+/-0.000 χ^2/NDF: 199.9/100

- sign -0.008+/-0.001 χ^2/NDF: 112.1/50

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.943+/-0.871 χ^2/NDF: 28.7/9

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -32.690+/-0.825 χ^2/NDF: 17.9/11

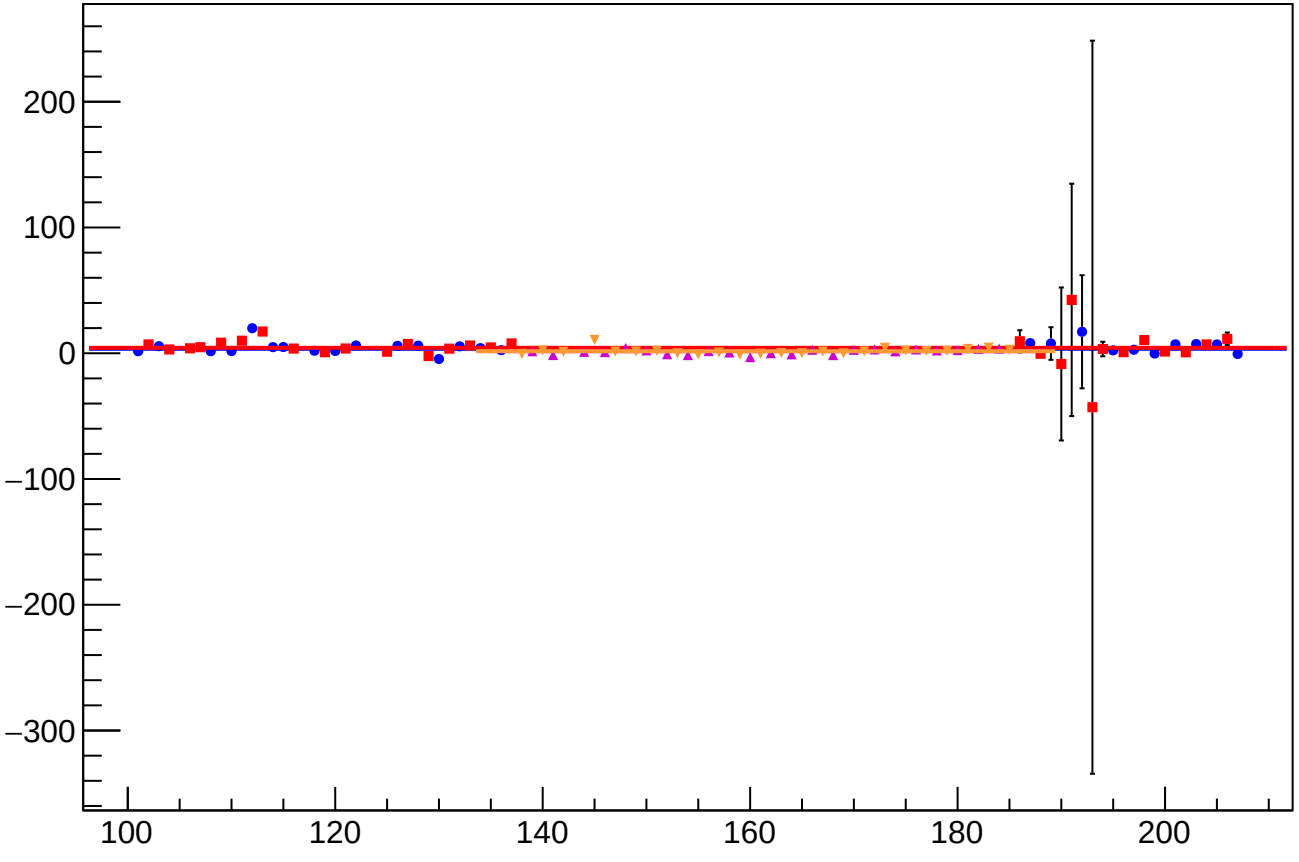
Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

+ sign -35.824+/-0.187 χ^2/NDF: 1194.9/33

All: -35.765+/-0.132 χ^2/NDF: 2114.2/68

- sign -35.708+/-0.186 χ^2/NDF: 919.1/34

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.555+/-0.214 χ^2/NDF: 455.3/25

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.302+/-0.221 χ^2/NDF: 366.8/28

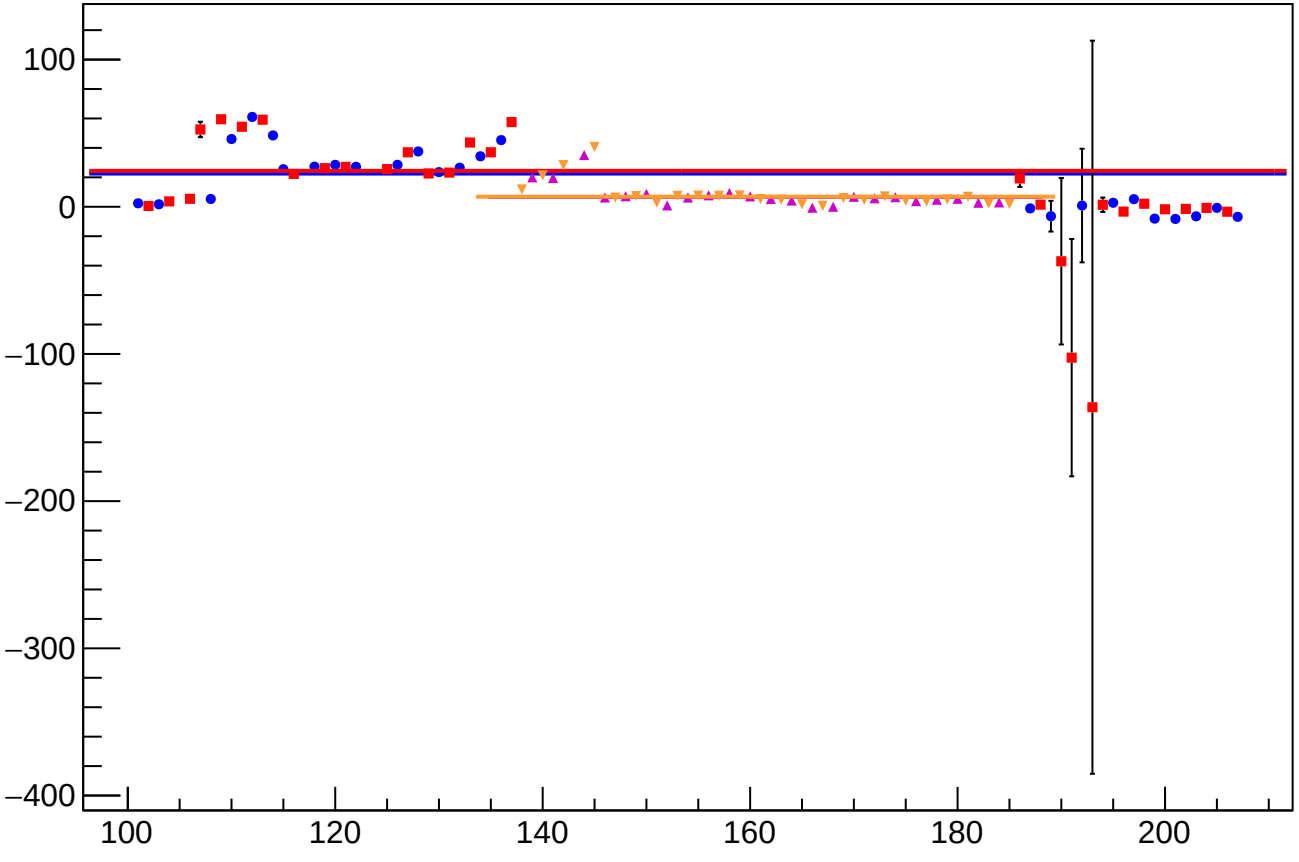
Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

+ sign 2.255+/-0.121 χ^2/NDF: 676.8/49

All: 2.364+/-0.087 χ^2/NDF: 1308.6/101

- sign 2.477+/-0.124 χ^2/NDF: 630.2/51

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 22.565+/-0.368 χ^2/NDF: 2799.5/25

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 24.394+/-0.363 χ^2/NDF: 3189.8/28

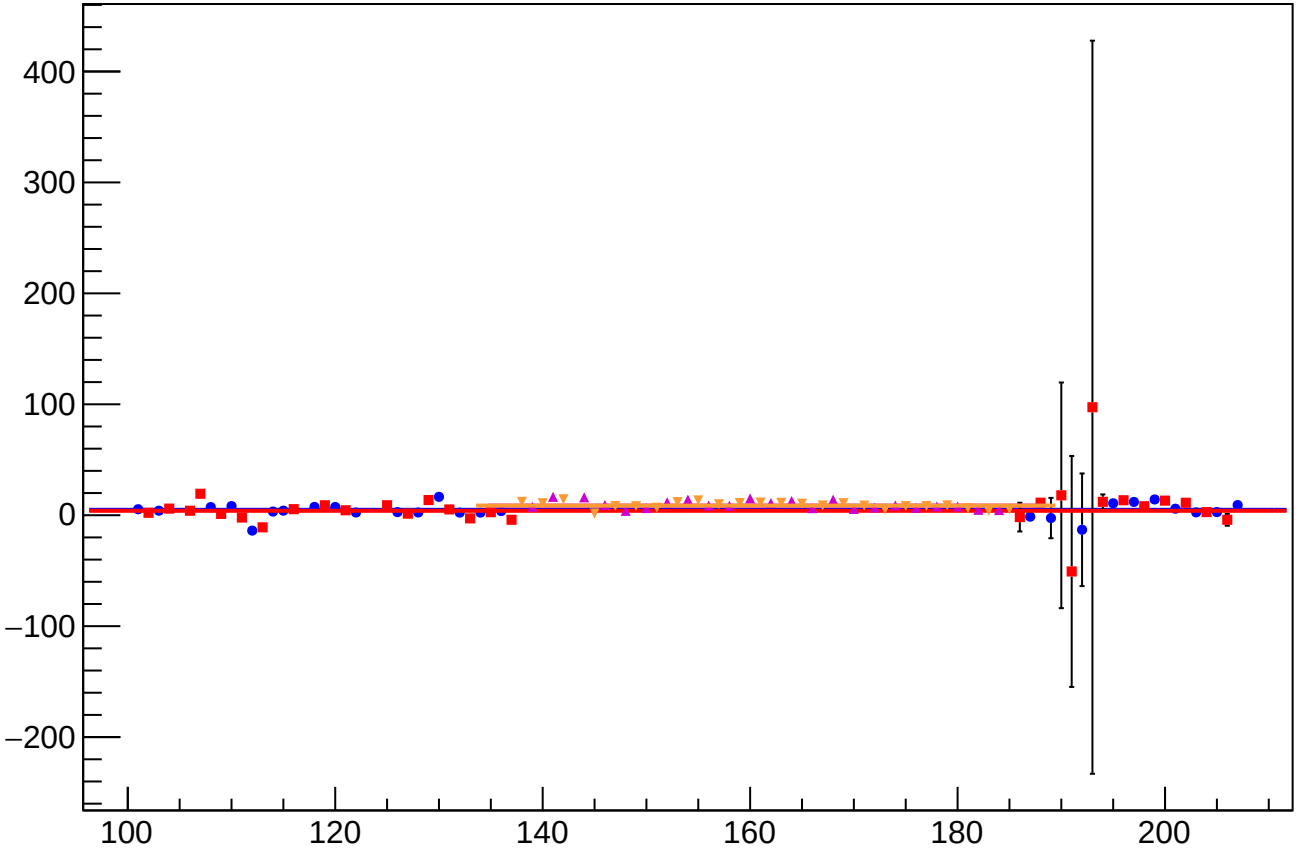
Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

+ sign 10.198+/-0.170 χ^2/NDF: 5532.2/49

All: 10.322+/-0.119 χ^2/NDF: 11676.6/101

- sign 10.445+/-0.168 χ^2/NDF: 6143.3/51

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.876+/-0.247 χ^2/NDF: 571.2/25

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.999+/-0.254 χ^2/NDF: 594.5/28

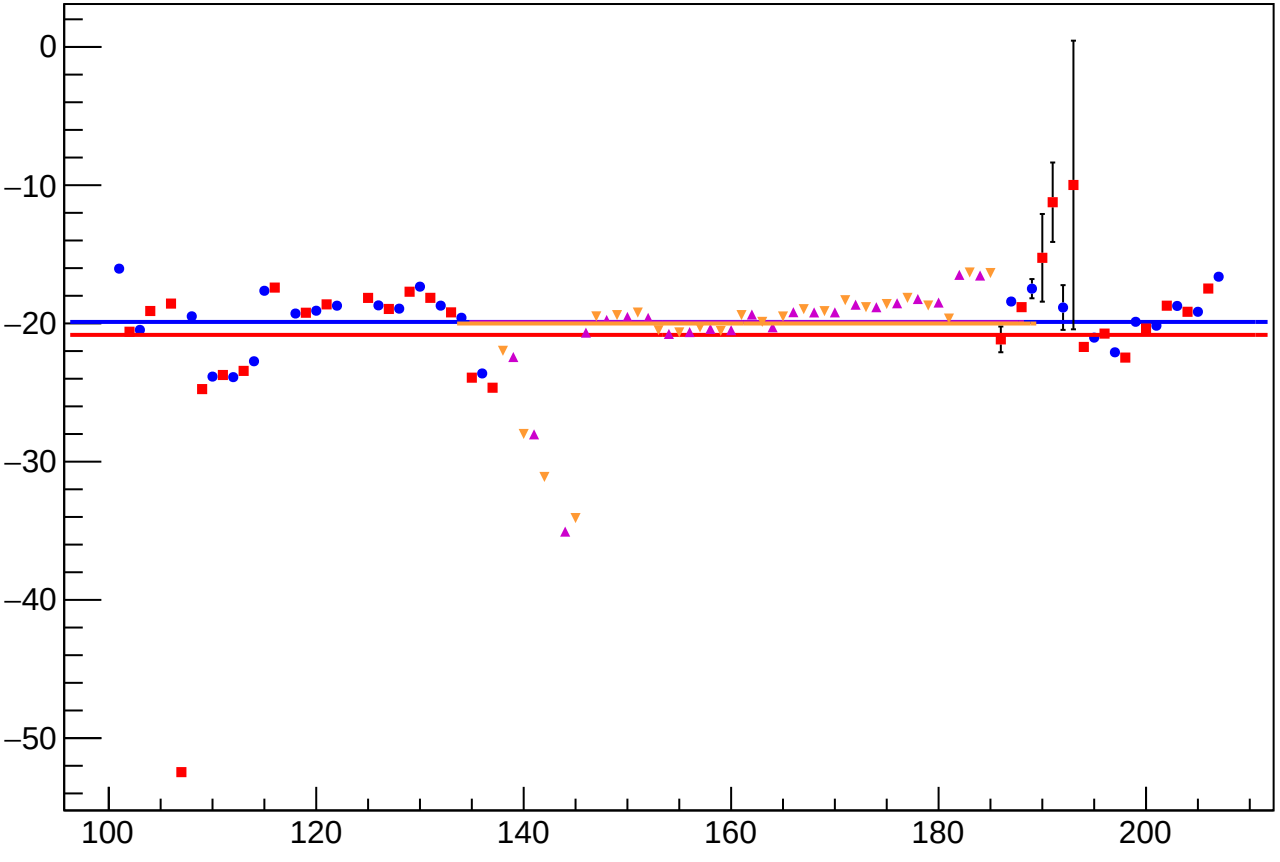
Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

+ sign 7.478+/-0.139 χ^2/NDF: 975.5/49

All: 7.353+/-0.099 χ^2/NDF: 2241.7/101

- sign 7.225+/-0.141 χ^2/NDF: 1264.6/51

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.892+/-0.015 χ^2/NDF: 27201.1/25

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.829+/-0.015 χ^2/NDF: 93926.5/28

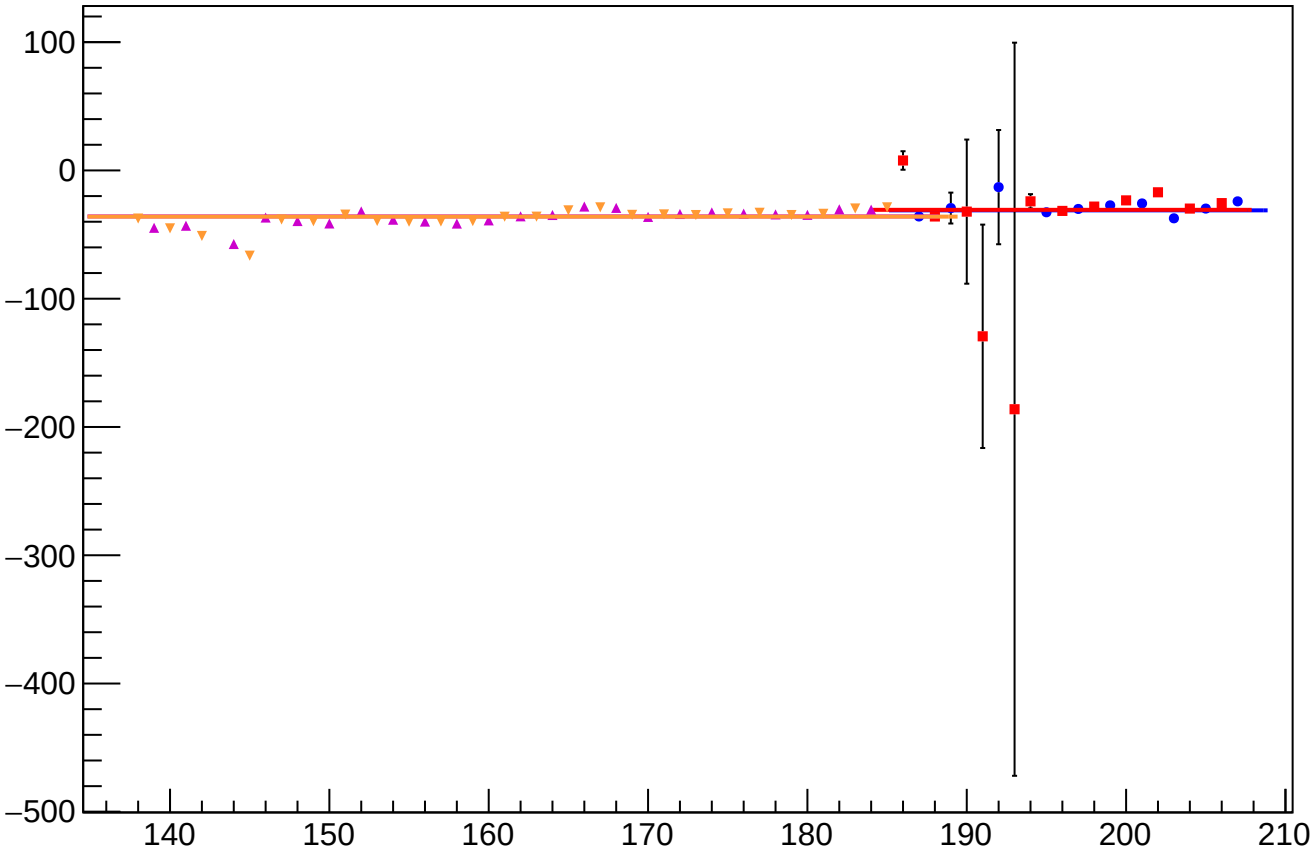
Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

+ sign -19.981+/-0.007 χ^2/NDF: 198895.8/49

All: -20.045+/-0.005 χ^2/NDF: 441438.6/101

- sign -20.109+/-0.007 χ^2/NDF: 242372.7/51

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -31.124+/-0.873 χ^2/NDF: 27.2/9

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -30.724+/-0.827 χ^2/NDF: 76.4/11

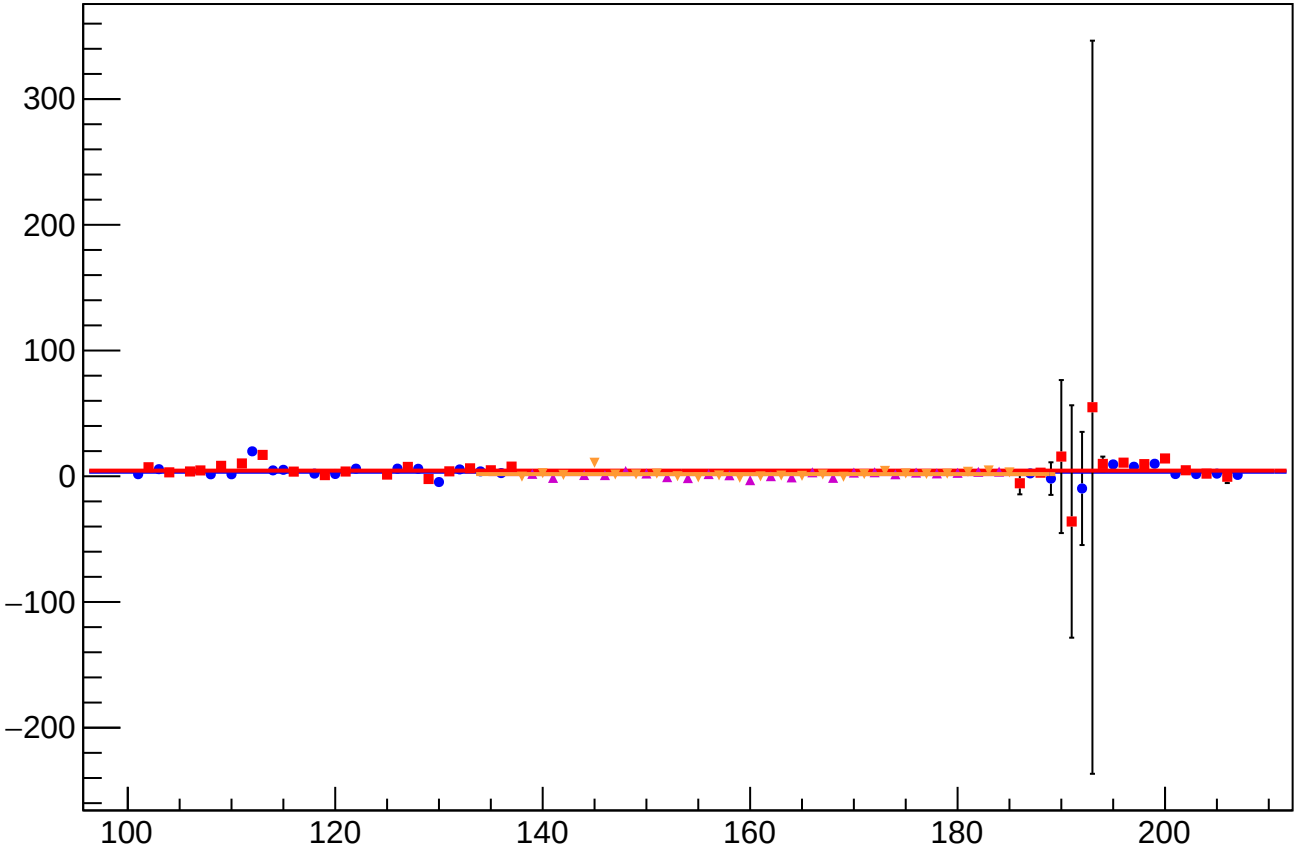
Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

+ sign -35.793+/-0.187 χ^2/NDF: 1182.6/33

All: -35.694+/-0.132 χ^2/NDF: 2171.9/68

- sign -35.597+/-0.186 χ^2/NDF: 988.8/34

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.572+/-0.213 χ^2/NDF: 454.1/25

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.483+/-0.221 χ^2/NDF: 362.5/28

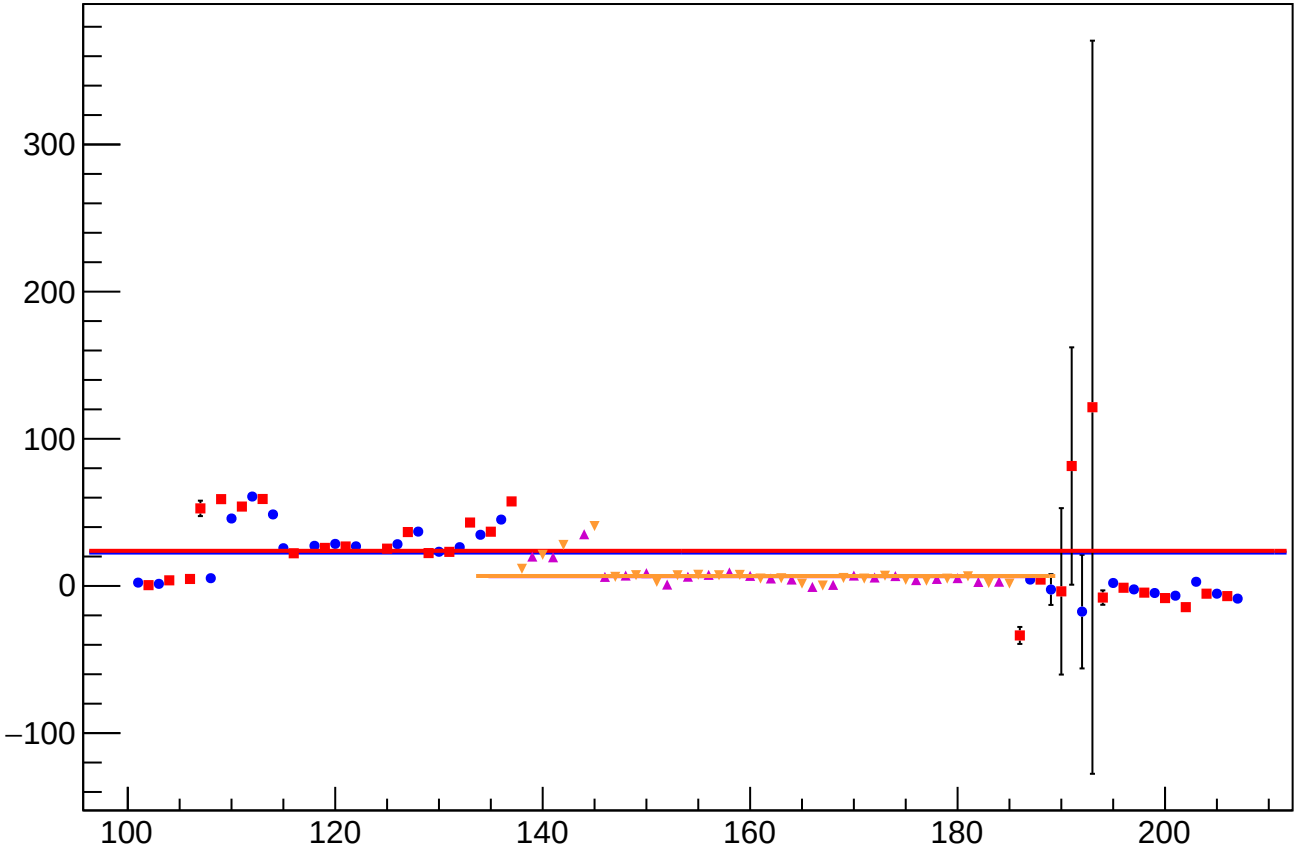
Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

+ sign 2.320+/-0.121 χ^2/NDF: 673.3/49

All: 2.448+/-0.087 χ^2/NDF: 1310.3/101

- sign 2.579+/-0.124 χ^2/NDF: 634.8/51

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 22.675+/-0.368 χ^2/NDF: 2706.0/25

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 23.879+/-0.363 χ^2/NDF: 3365.7/28

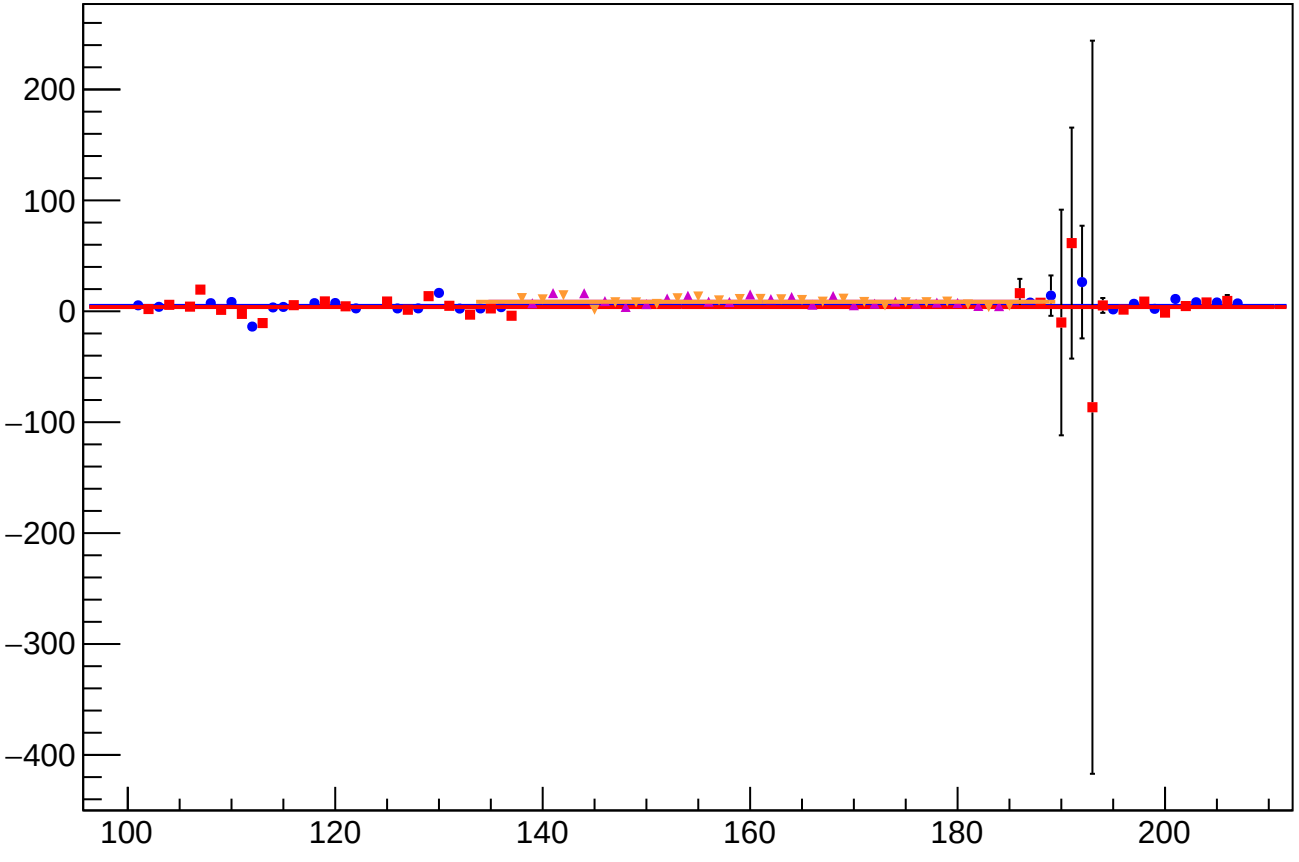
Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

+ sign 10.148+/-0.170 χ^2/NDF: 5477.7/49

All: 10.238+/-0.119 χ^2/NDF: 11684.5/101

- sign 10.327+/-0.168 χ^2/NDF: 6206.2/51

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.854+/-0.247 χ^2/NDF: 556.8/25

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.811+/-0.254 χ^2/NDF: 572.2/28

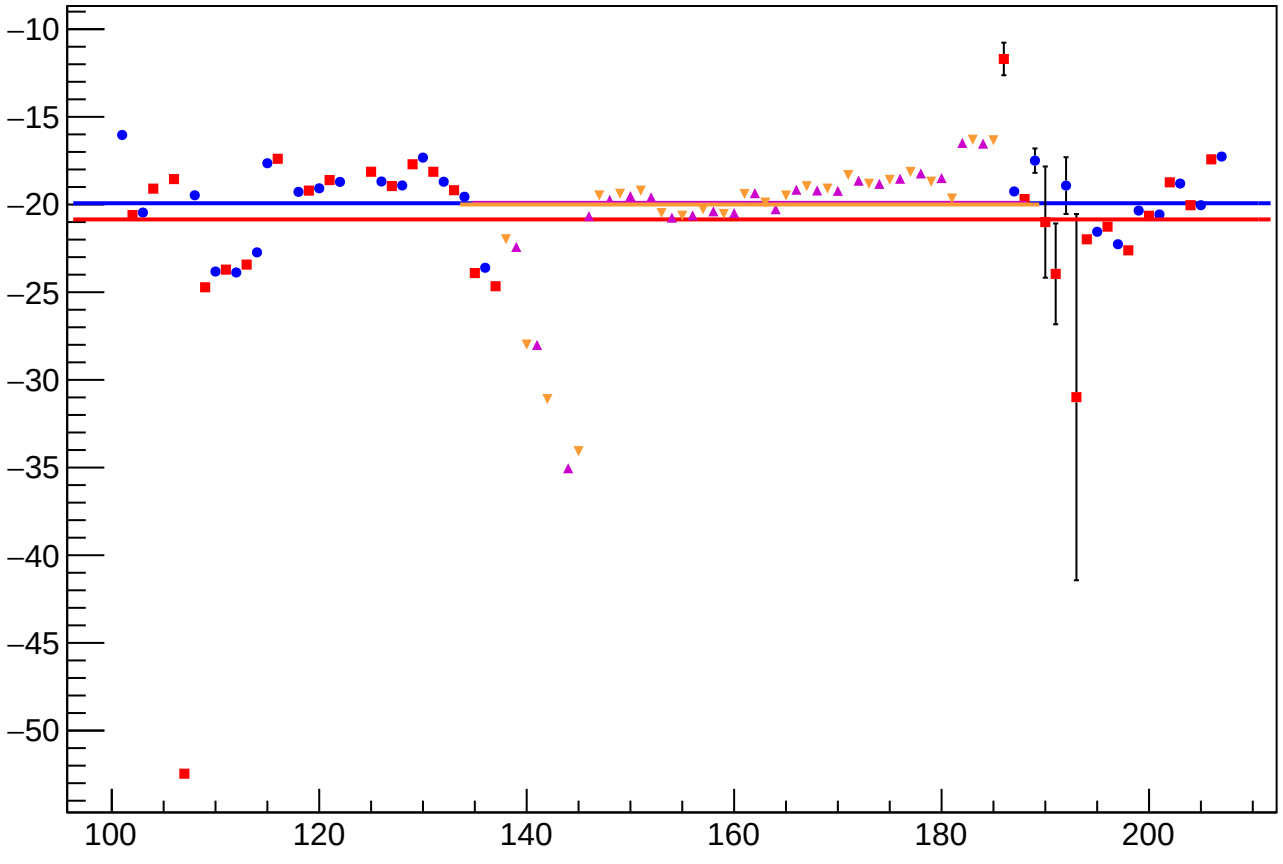
Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

+ sign 7.398+/-0.139 χ^2/NDF: 958.4/49

All: 7.254+/-0.099 χ^2/NDF: 2218.8/101

- sign 7.107+/-0.141 χ^2/NDF: 1258.3/51

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.926+/-0.015 χ^2/NDF: 27156.3/25

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.849+/-0.015 χ^2/NDF: 93950.4/28

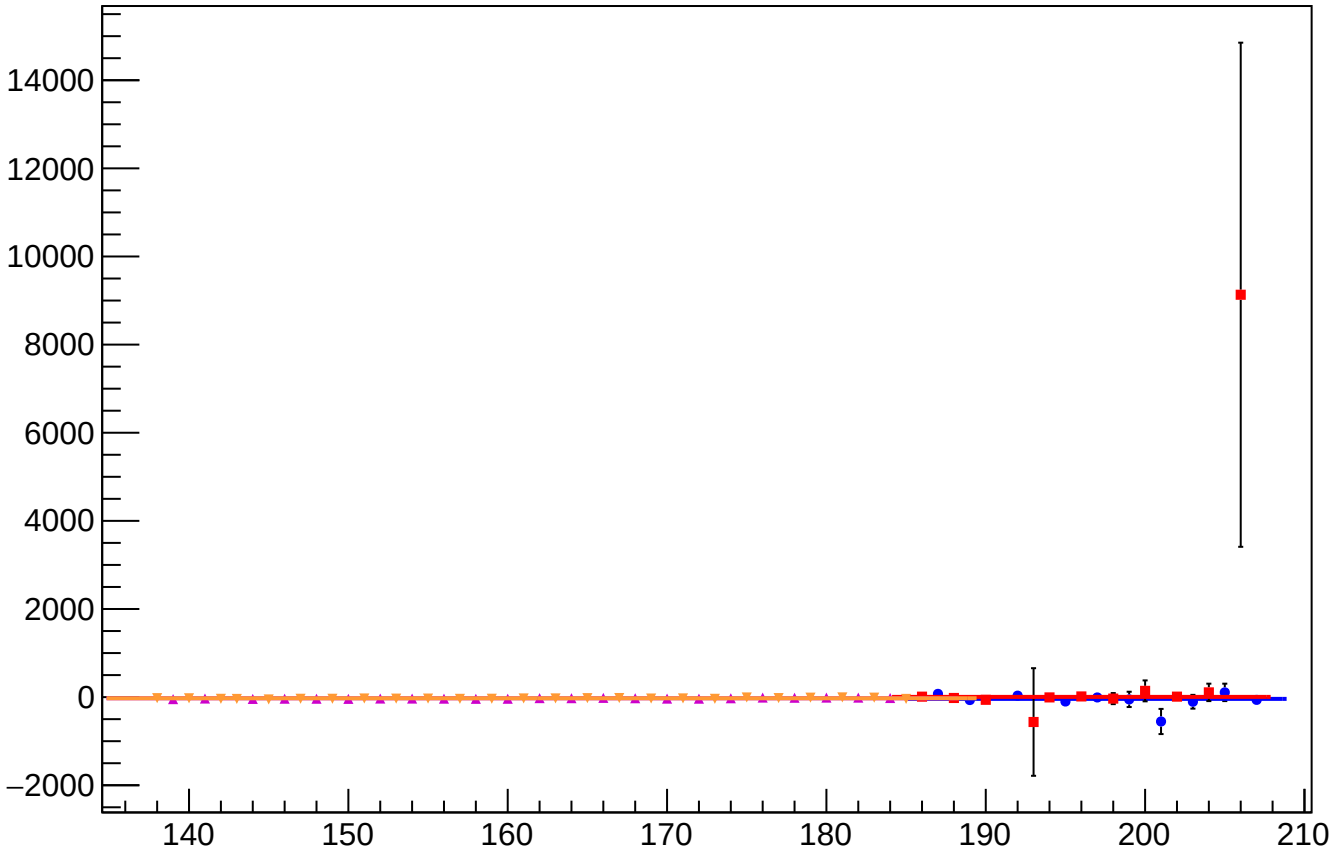
Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

+ sign -19.983+/-0.007 χ^2/NDF: 199009.3/49

All: -20.045+/-0.005 χ^2/NDF: 441611.1/101

- sign -20.107+/-0.007 χ^2/NDF: 242440.6/51

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -39.941+/-14.081 χ^2/NDF: 16.3/9

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 5.208+/-8.205 χ^2/NDF: 5.8/10

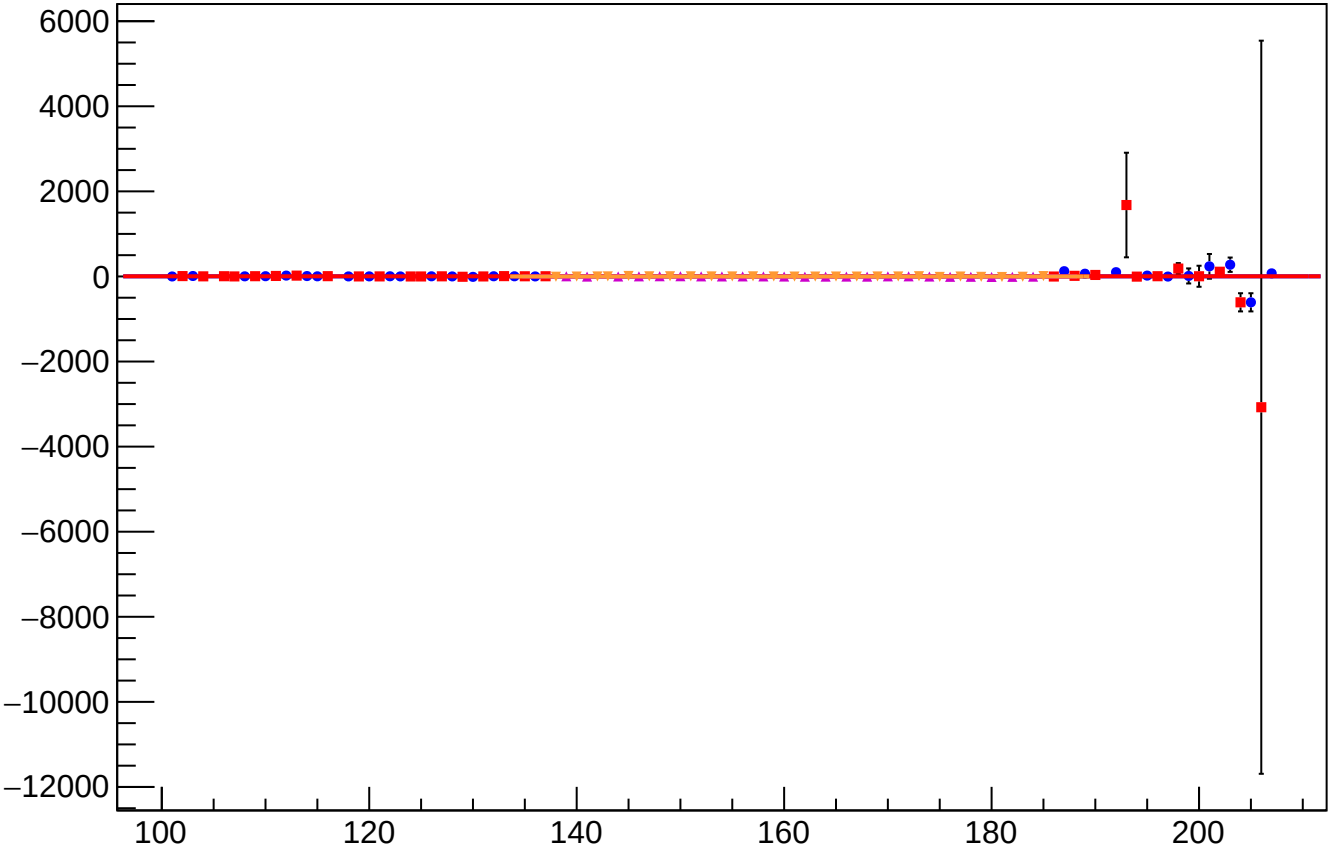
Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

+ sign -25.807+/-0.192 χ^2/NDF: 4145.1/34

All: -25.995+/-0.137 χ^2/NDF: 7545.3/68

- sign -26.186+/-0.194 χ^2/NDF: 3398.2/33

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.463+/-0.311 χ^2/NDF: 322.0/26

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.725+/-0.327 χ^2/NDF: 284.7/28

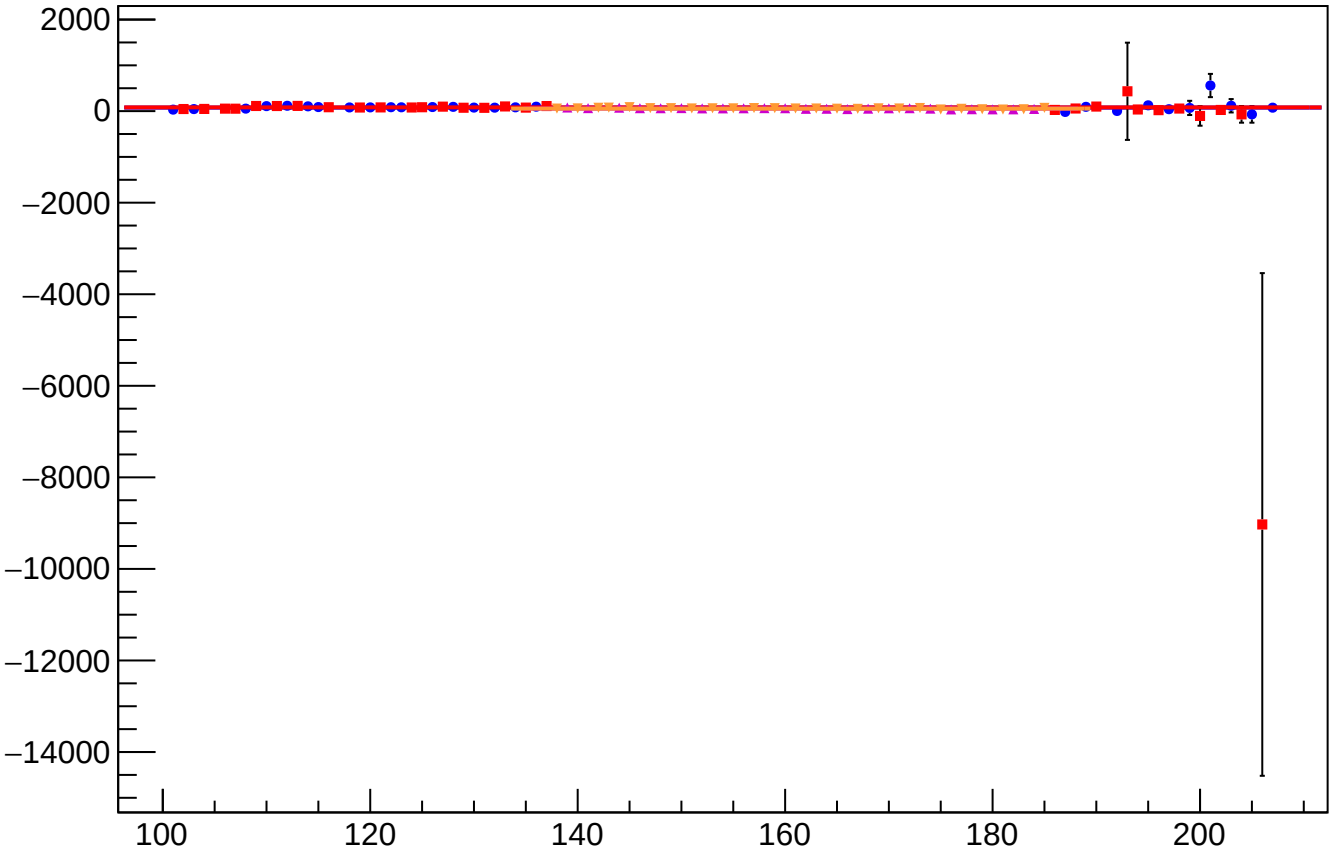
Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

+ sign -0.109+/-0.133 χ^2/NDF: 1719.8/51

All: -0.079+/-0.095 χ^2/NDF: 3237.6/103

- sign -0.047+/-0.136 χ^2/NDF: 1517.7/51

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.553+/-0.573 χ^2/NDF: 2270.4/26

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.674+/-0.590 χ^2/NDF: 1613.3/28

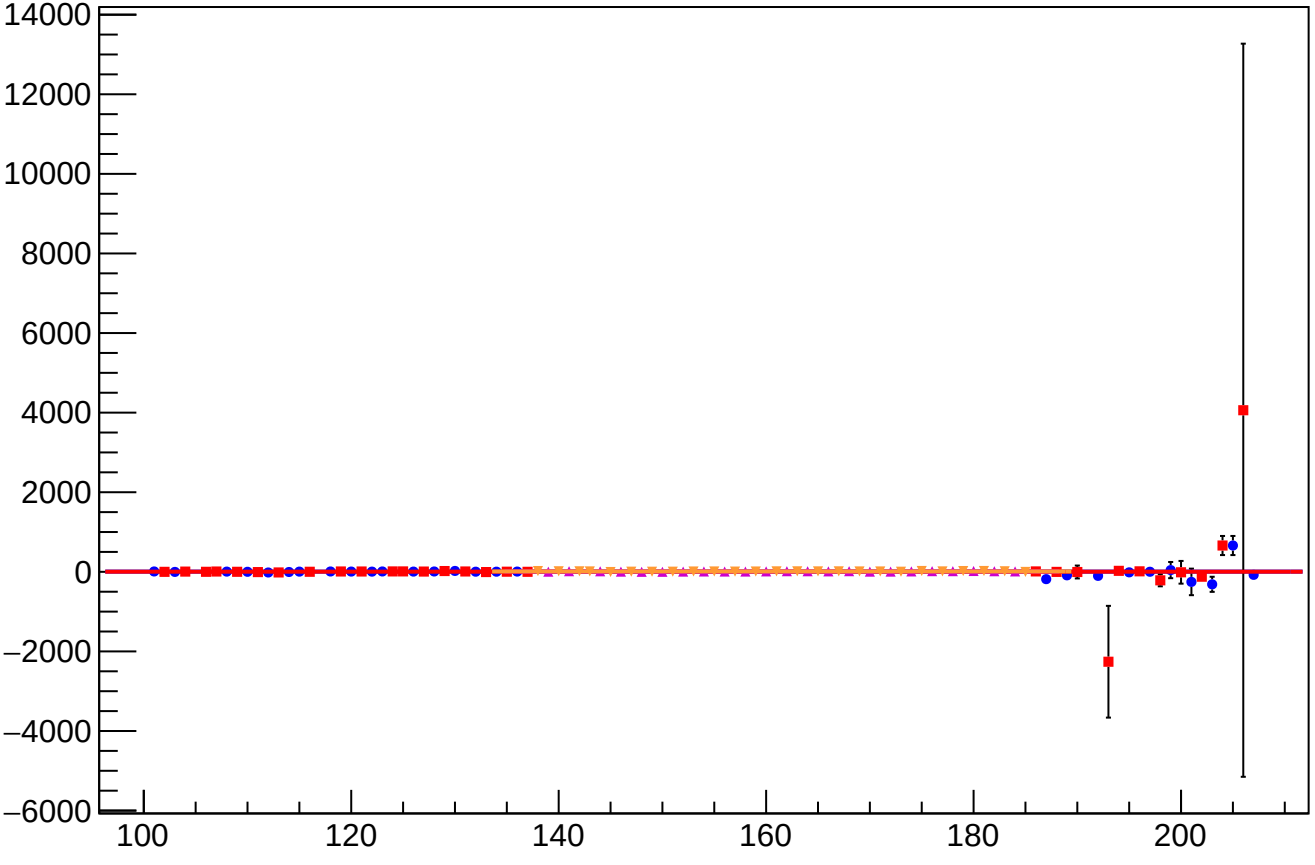
Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

+ sign 57.175+/-0.182 χ^2/NDF: 8068.8/51

All: 57.472+/-0.129 χ^2/NDF: 15325.8/103

- sign 57.773+/-0.183 χ^2/NDF: 7251.6/51

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.424+/-0.357 χ^2/NDF: 413.1/26

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.580+/-0.375 χ^2/NDF: 438.9/28

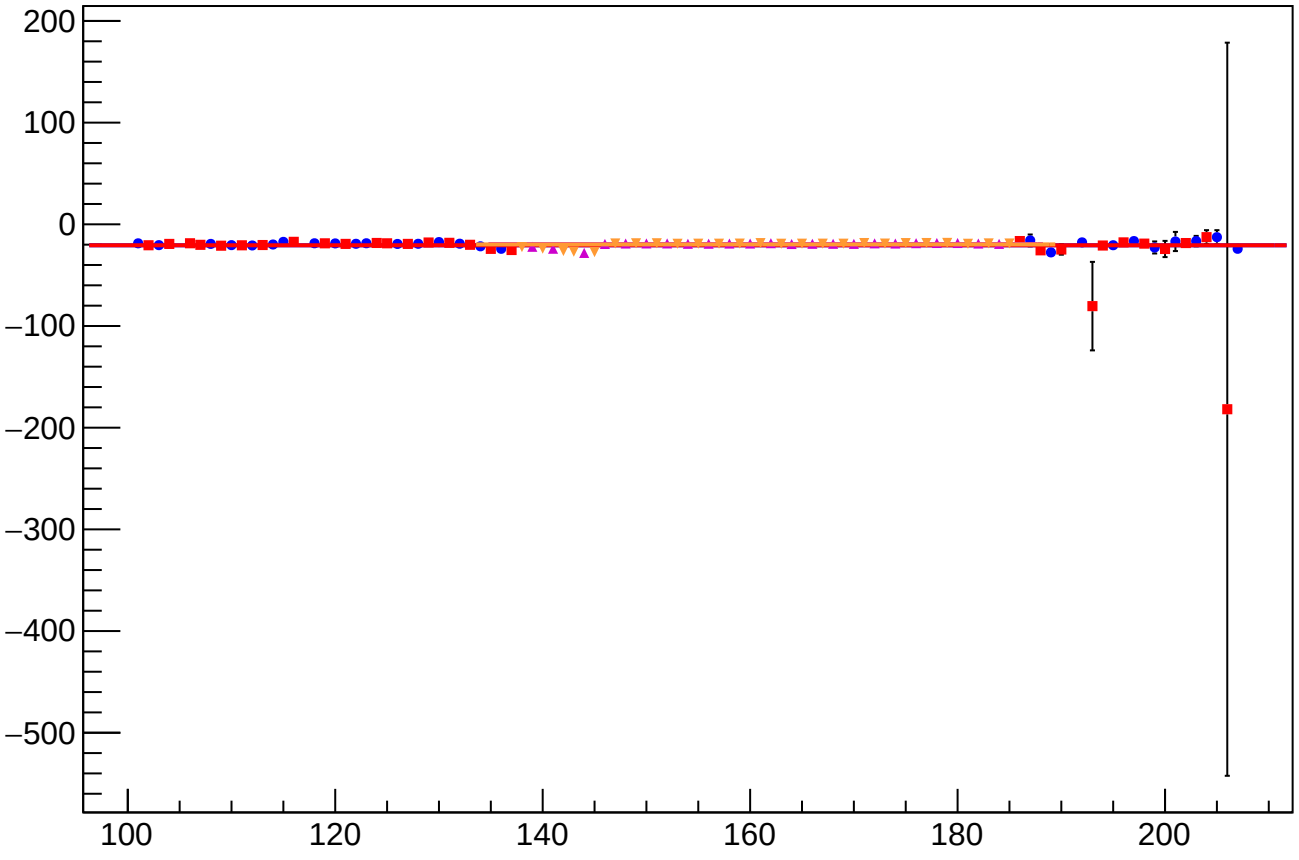
Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

+ sign 8.965+/-0.152 χ^2/NDF: 1982.3/51

All: 8.840+/-0.109 χ^2/NDF: 3813.6/103

- sign 8.708+/-0.156 χ^2/NDF: 1829.9/51

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.631+/-0.019 χ^2/NDF: 12515.4/26

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11975.1/28

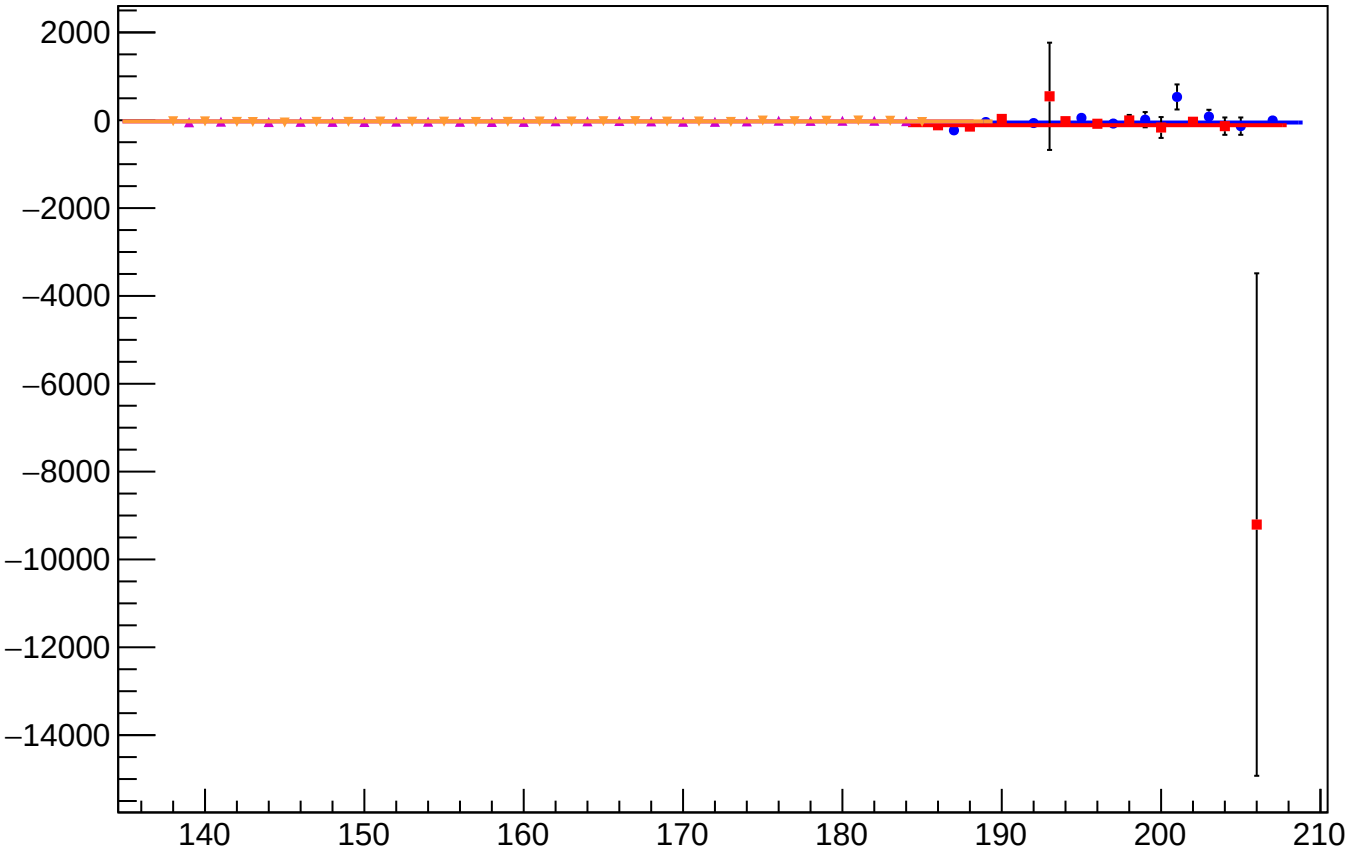
Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

+ sign -19.867+/-0.007 χ^2/NDF: 102845.7/51

All: -19.740+/-0.005 χ^2/NDF: 172481.1/103

- sign -19.612+/-0.007 χ^2/NDF: 69029.5/51

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -51.656+/-14.091 χ^2/NDF: 27.2/9

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -112.745+/-8.210 χ^2/NDF: 13.1/10

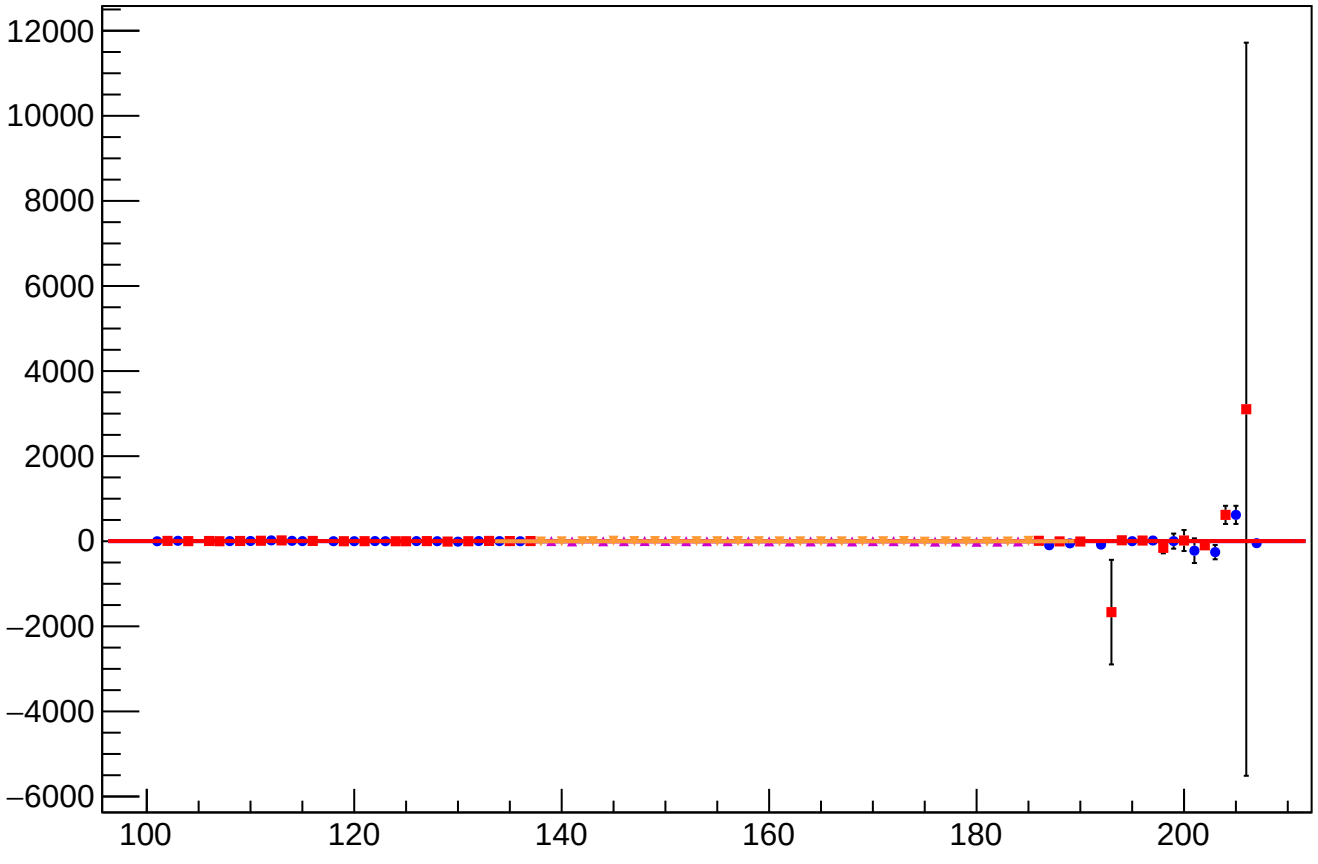
Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

+ sign -25.819+/-0.192 χ^2/NDF: 4125.2/34

All: -26.032+/-0.137 χ^2/NDF: 7596.4/68

- sign -26.248+/-0.194 χ^2/NDF: 3468.8/33

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.433+/-0.311 χ^2/NDF: 314.7/26

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.861+/-0.327 χ^2/NDF: 283.9/28

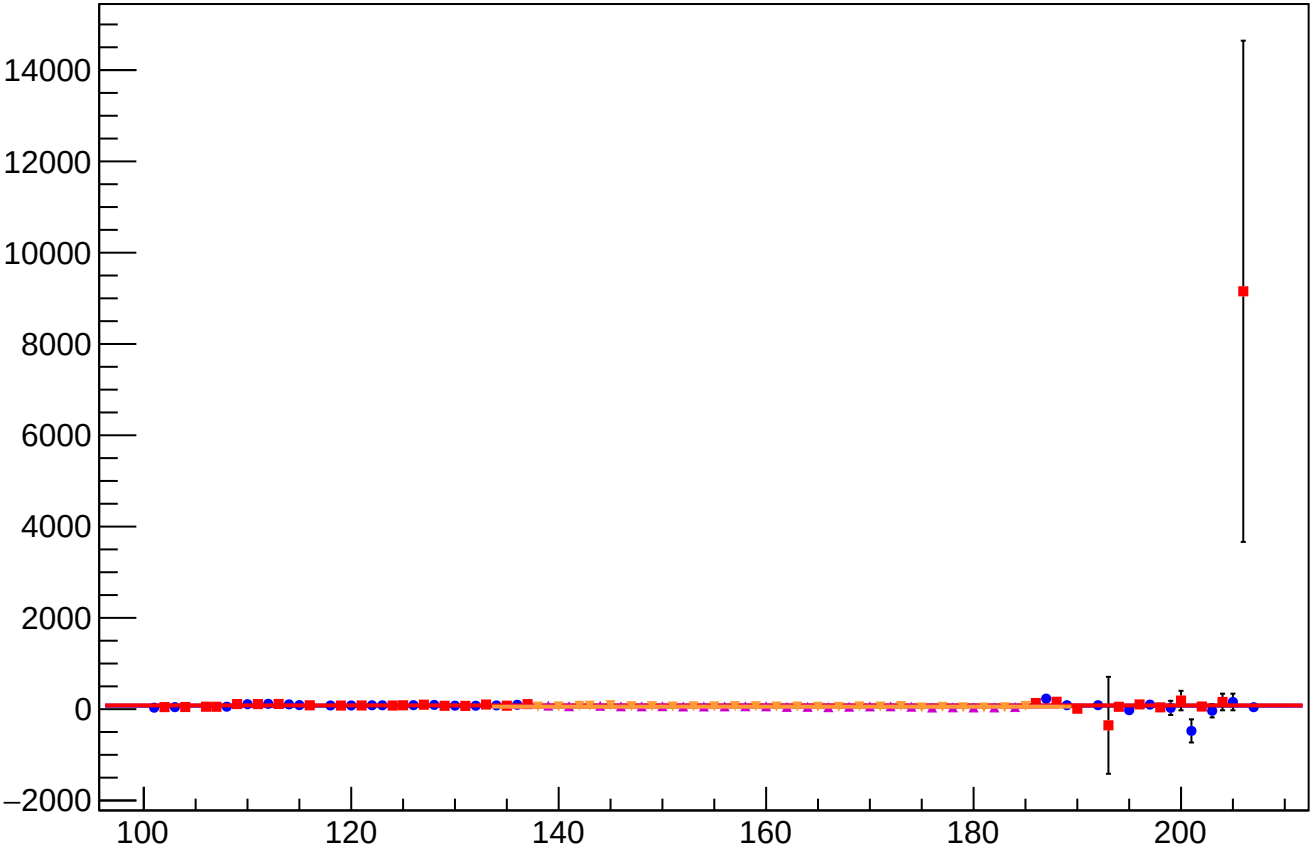
Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

+ sign -0.069+/-0.133 χ^2/NDF: 1697.2/51

All: -0.019+/-0.095 χ^2/NDF: 3258.6/103

- sign 0.034+/-0.137 χ^2/NDF: 1561.1/51

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.719+/-0.573 χ^2/NDF: 2294.4/26

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.667+/-0.591 χ^2/NDF: 1625.5/28

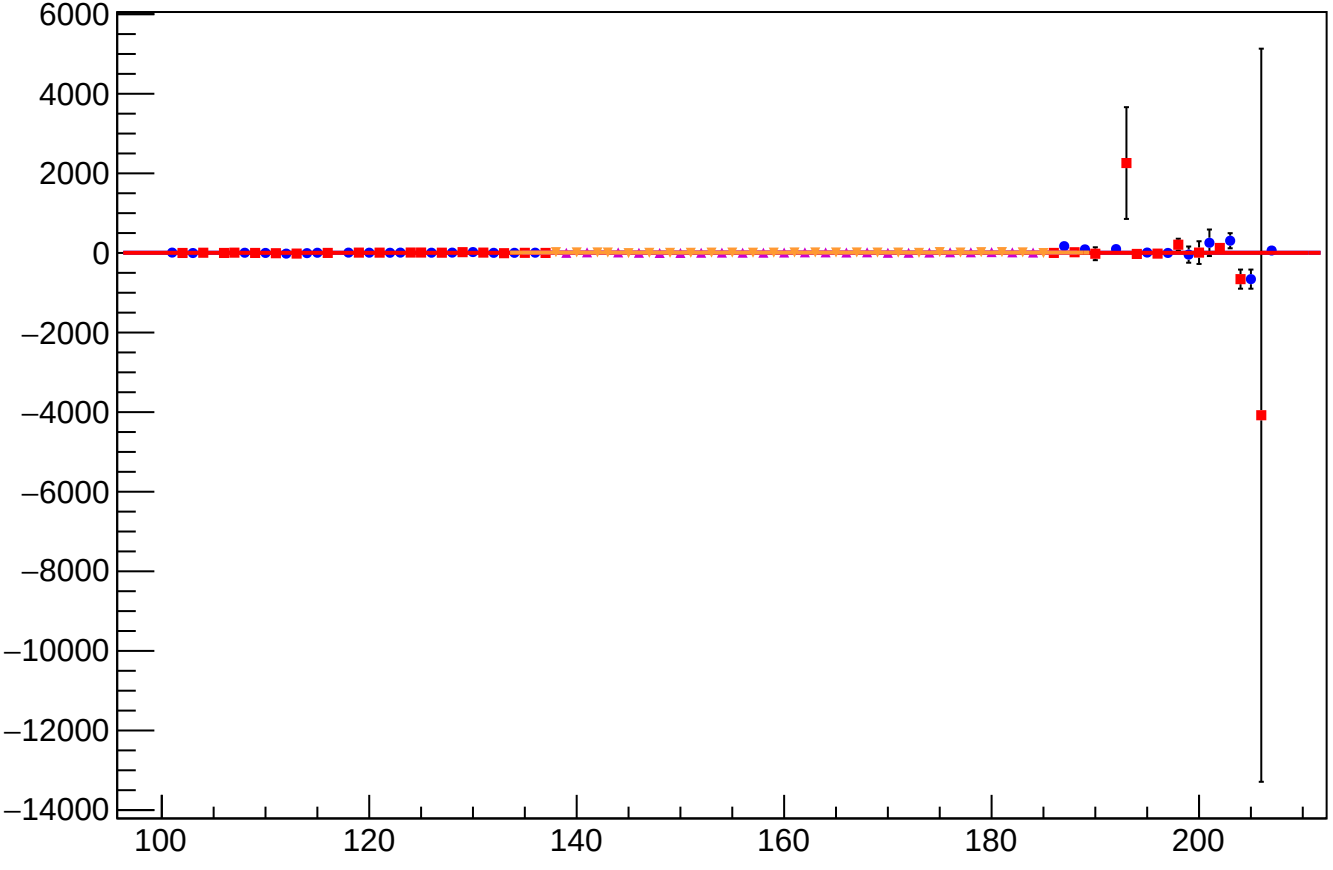
Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

+ sign 57.199+/-0.182 χ^2/NDF: 8087.4/51

All: 57.544+/-0.129 χ^2/NDF: 15452.3/103

- sign 57.894+/-0.183 χ^2/NDF: 7357.7/51

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.454+/-0.357 χ^2/NDF: 407.4/26

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.425+/-0.376 χ^2/NDF: 438.4/28

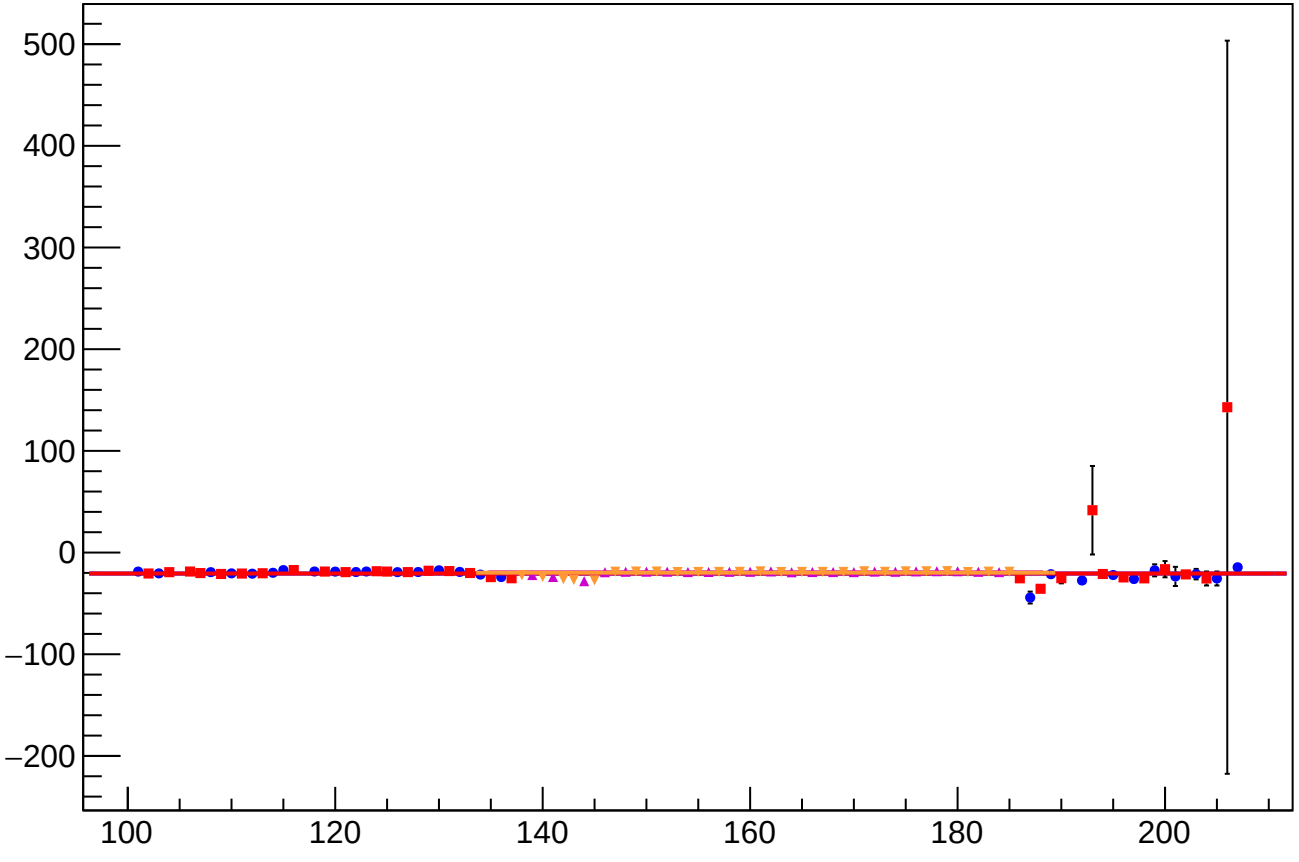
Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

+ sign 8.922+/-0.152 χ^2/NDF: 1962.7/51

All: 8.777+/-0.109 χ^2/NDF: 3832.7/103

- sign 8.626+/-0.156 χ^2/NDF: 1868.1/51

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633+/-0.019 χ^2/NDF: 12576.5/26

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11962.9/28

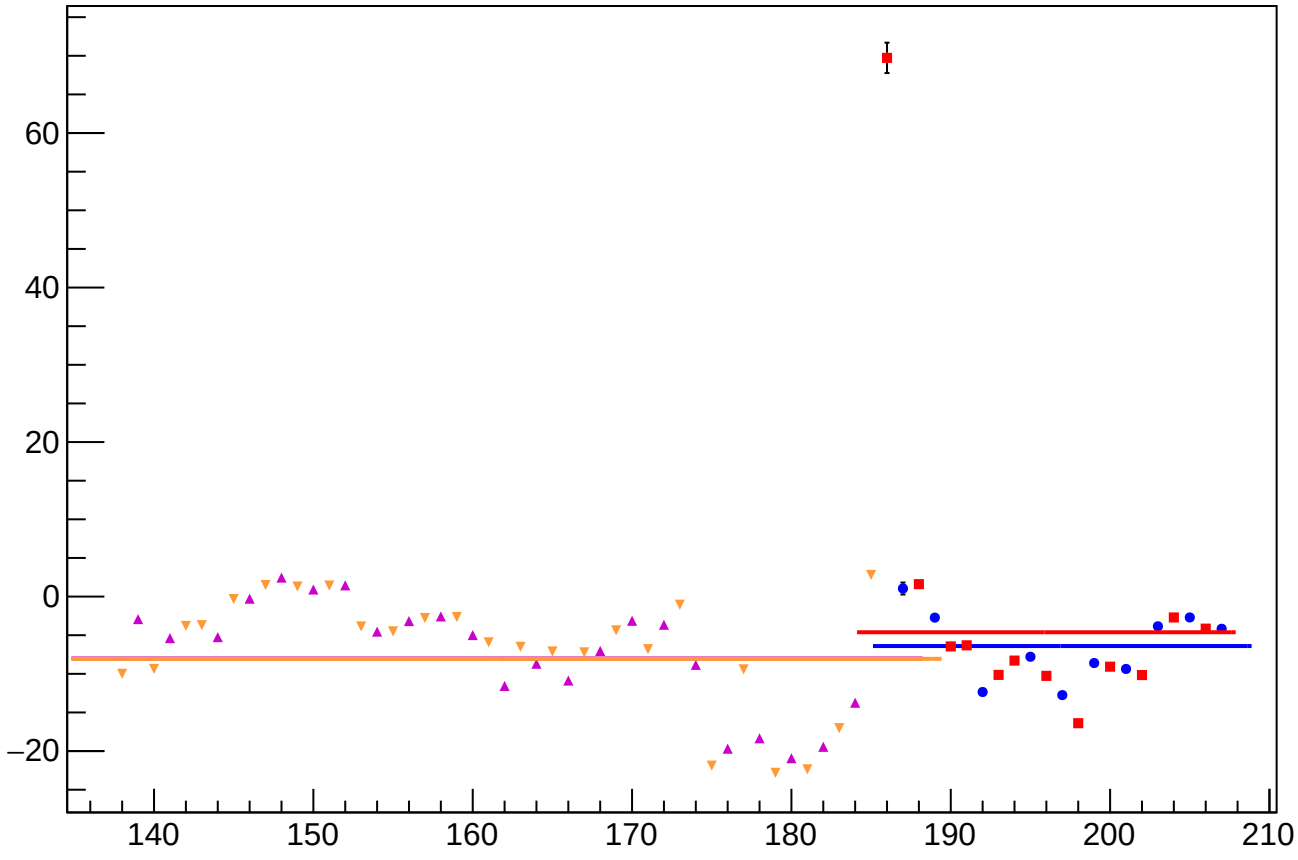
Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

+ sign -19.874+/-0.007 χ^2/NDF: 102760.1/51

All: -19.748+/-0.005 χ^2/NDF: 172314.0/103

- sign -19.621+/-0.007 χ^2/NDF: 68958.8/51

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -6.403+/-0.129 χ^2/NDF: 919.8/9

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -4.619+/-0.109 χ^2/NDF: 4014.3/11

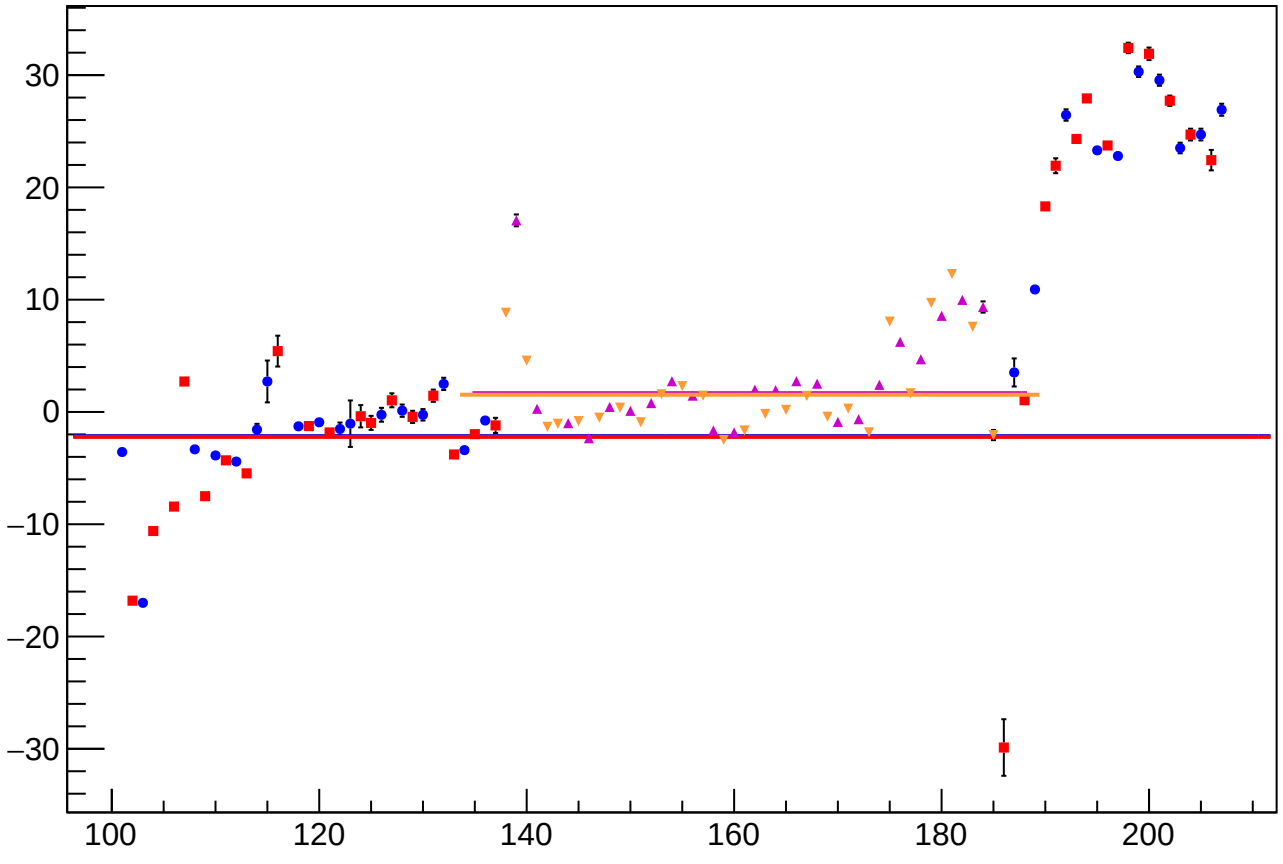
Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

+ sign -7.676+/-0.062 χ^2/NDF: 13579.4/34

All: -7.324+/-0.043 χ^2/NDF: 28963.4/69

- sign -6.994+/-0.060 χ^2/NDF: 15321.0/34

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -2.154+/-0.052 χ^2/NDF: 42087.1/26

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -2.218+/-0.055 χ^2/NDF: 51760.7/29

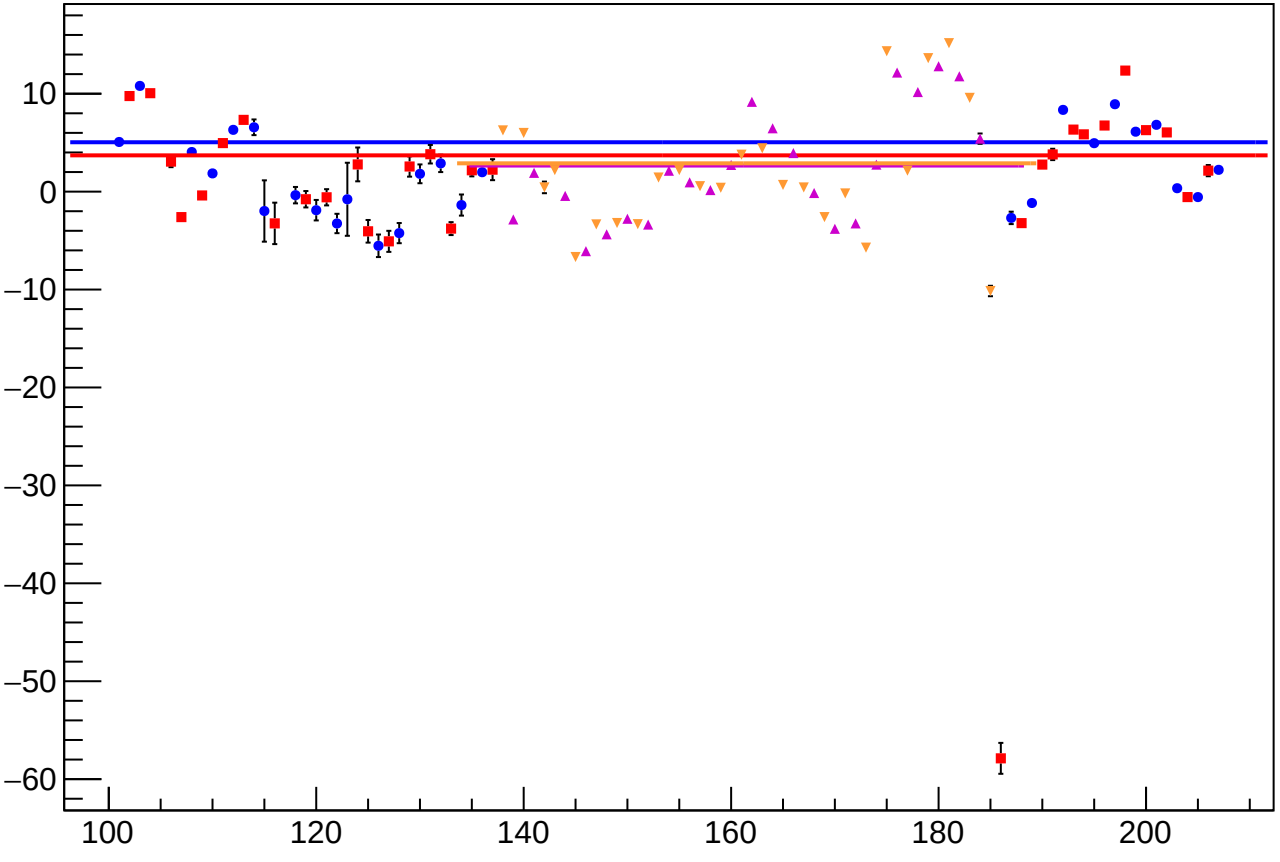
Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

+ sign -0.412+/-0.037 χ^2/NDF: 49323.4/51

All: -0.377+/-0.027 χ^2/NDF: 107652.1/104

- sign -0.338+/-0.039 χ^2/NDF: 58326.8/52

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.043+/-0.071 χ^2/NDF: 2729.5/26

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.705+/-0.068 χ^2/NDF: 7489.2/29

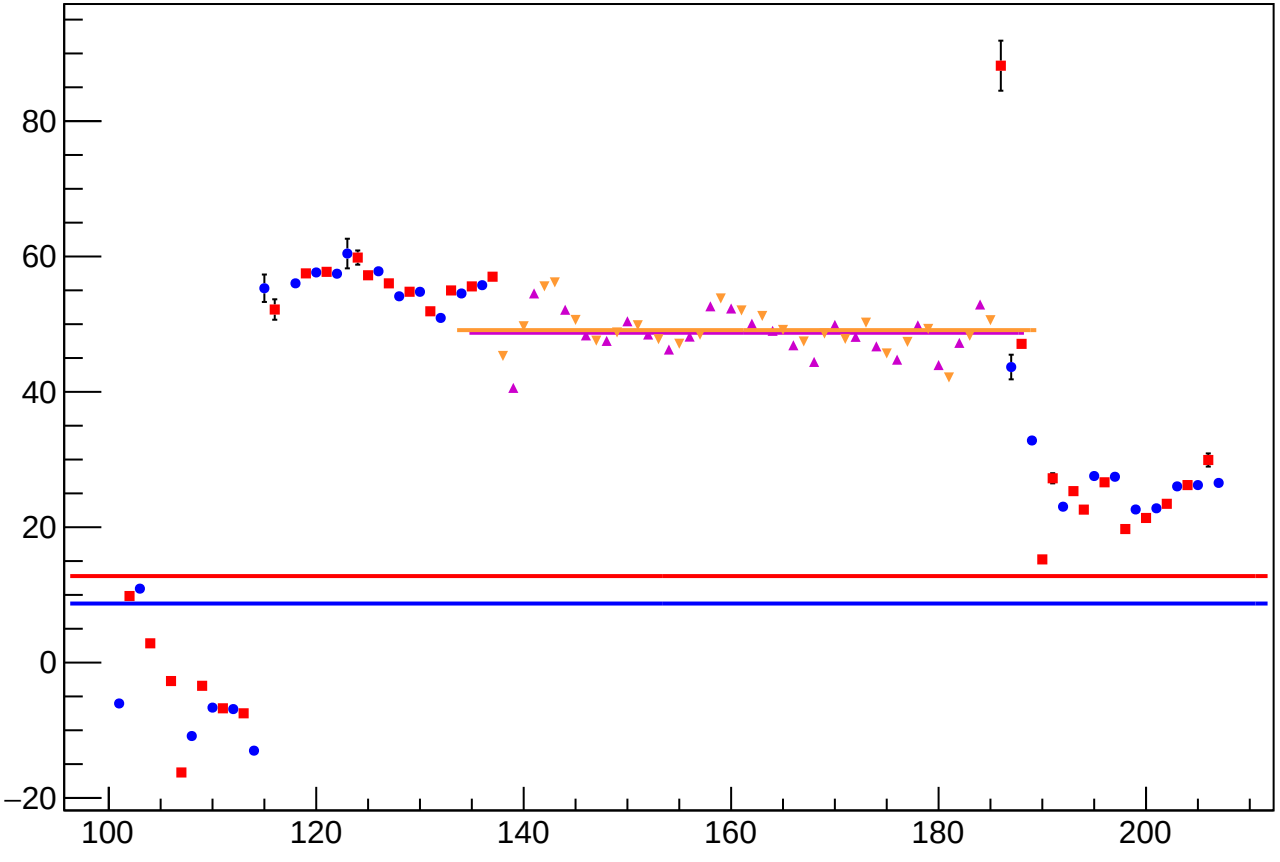
Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

+ sign 3.954+/-0.050 χ^2/NDF: 12080.3/51

All: 3.573+/-0.035 χ^2/NDF: 27103.8/104

- sign 3.208+/-0.049 χ^2/NDF: 14910.4/52

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 8.725+/-0.061 χ^2/NDF: 134686.1/26

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.782+/-0.065 χ^2/NDF: 135075.8/29

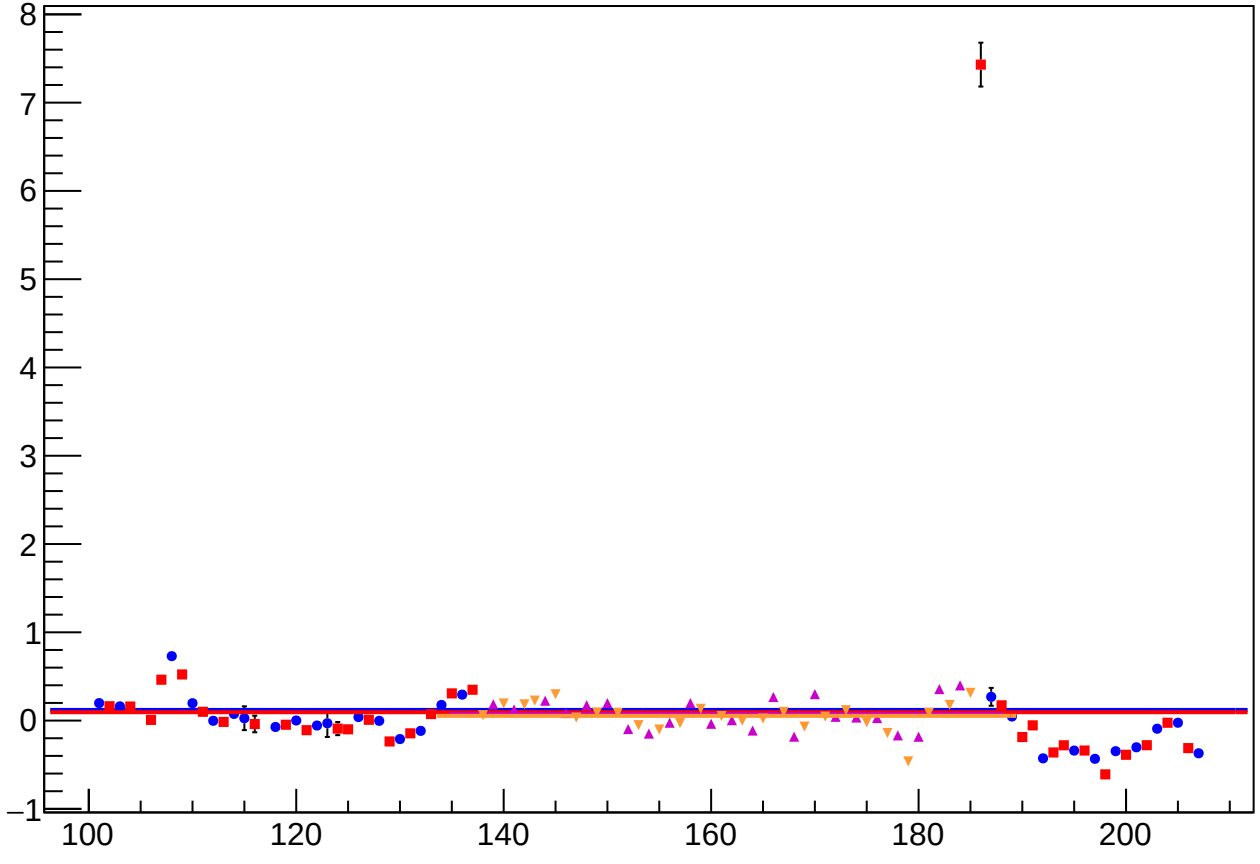
Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

+ sign 28.582+/-0.043 χ^2/NDF: 353514.0/51

All: 29.800+/-0.031 χ^2/NDF: 648962.9/104

- sign 31.134+/-0.045 χ^2/NDF: 293798.8/52

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.121+/-0.002 χ^2/NDF: 10832.1/26

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.095+/-0.002 χ^2/NDF: 10931.1/29

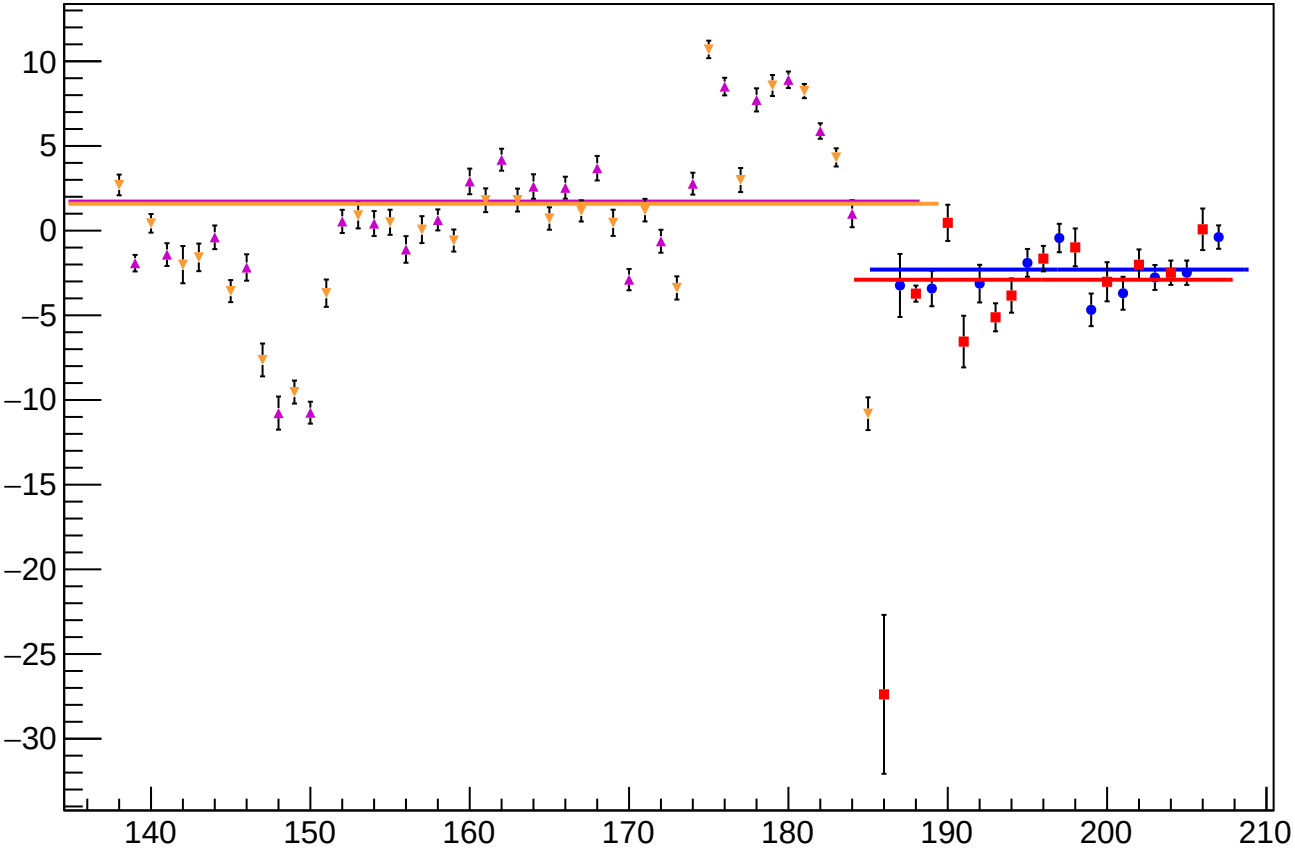
Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

+ sign 0.091+/-0.002 χ^2/NDF: 13521.3/51

All: 0.088+/-0.001 χ^2/NDF: 27767.9/104

- sign 0.085+/-0.002 χ^2/NDF: 14241.1/52

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.299+/-0.278 χ^2/NDF: 23.4/9

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -2.899+/-0.255 χ^2/NDF: 66.7/11

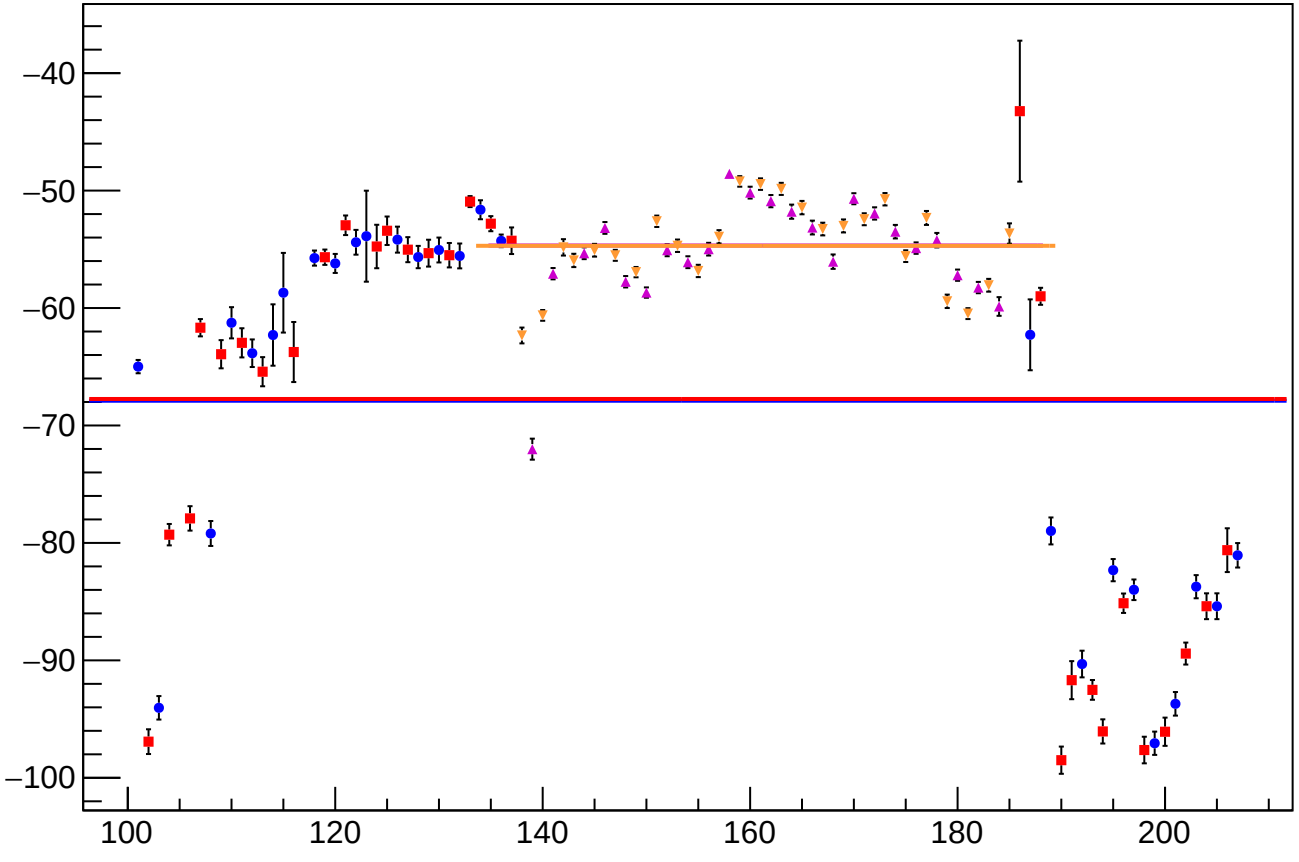
Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

+ sign 0.867+/-0.120 χ^2/NDF: 1639.9/34

All: 0.792+/-0.084 χ^2/NDF: 3276.6/69

- sign 0.718+/-0.119 χ^2/NDF: 1635.9/34

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -67.892+/-0.186 χ^2/NDF: 6513.2/26

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -67.744+/-0.175 χ^2/NDF: 9578.5/29

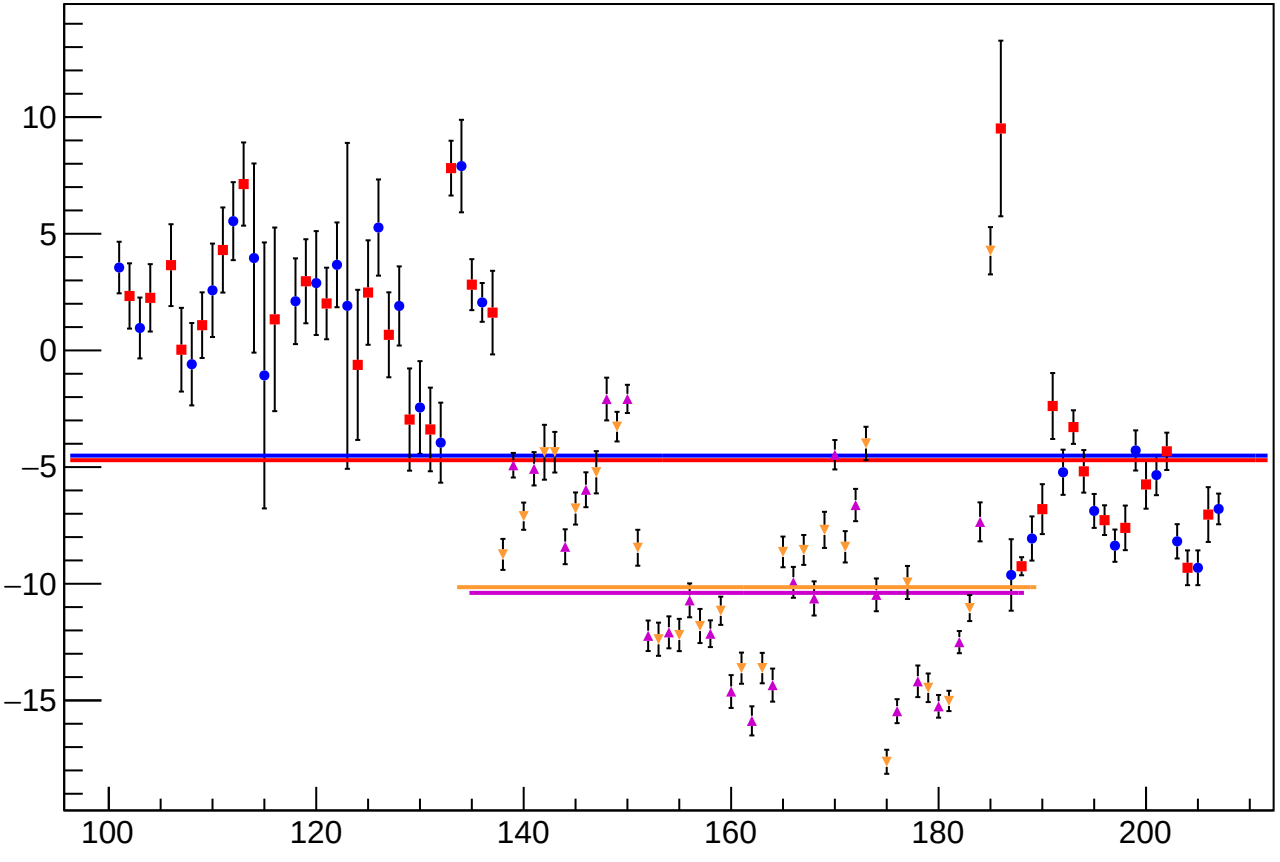
Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

+ sign -57.938+/-0.092 χ^2/NDF: 11440.4/51

All: -58.146+/-0.065 χ^2/NDF: 26182.4/104

- sign -58.357+/-0.093 χ^2/NDF: 14731.8/52

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -4.508+/-0.216 χ^2/NDF: 460.9/26

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.704+/-0.195 χ^2/NDF: 630.0/29

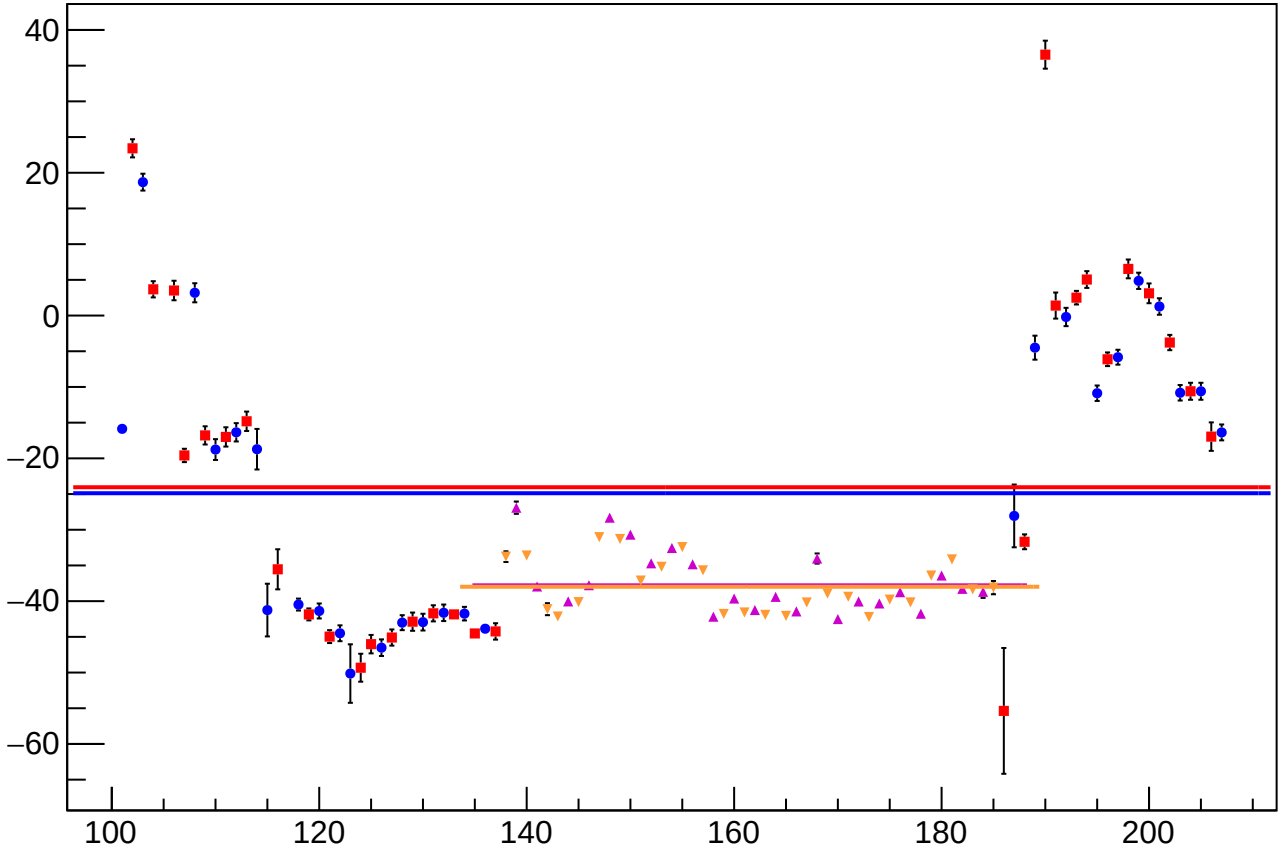
Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

+ sign -8.599+/-0.113 χ^2/NDF: 2004.8/51

All: -8.583+/-0.079 χ^2/NDF: 4238.7/104

- sign -8.569+/-0.110 χ^2/NDF: 2233.8/52

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -24.884+/-0.212 χ^2/NDF: 8226.1/26

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -24.047+/-0.204 χ^2/NDF: 11415.8/29

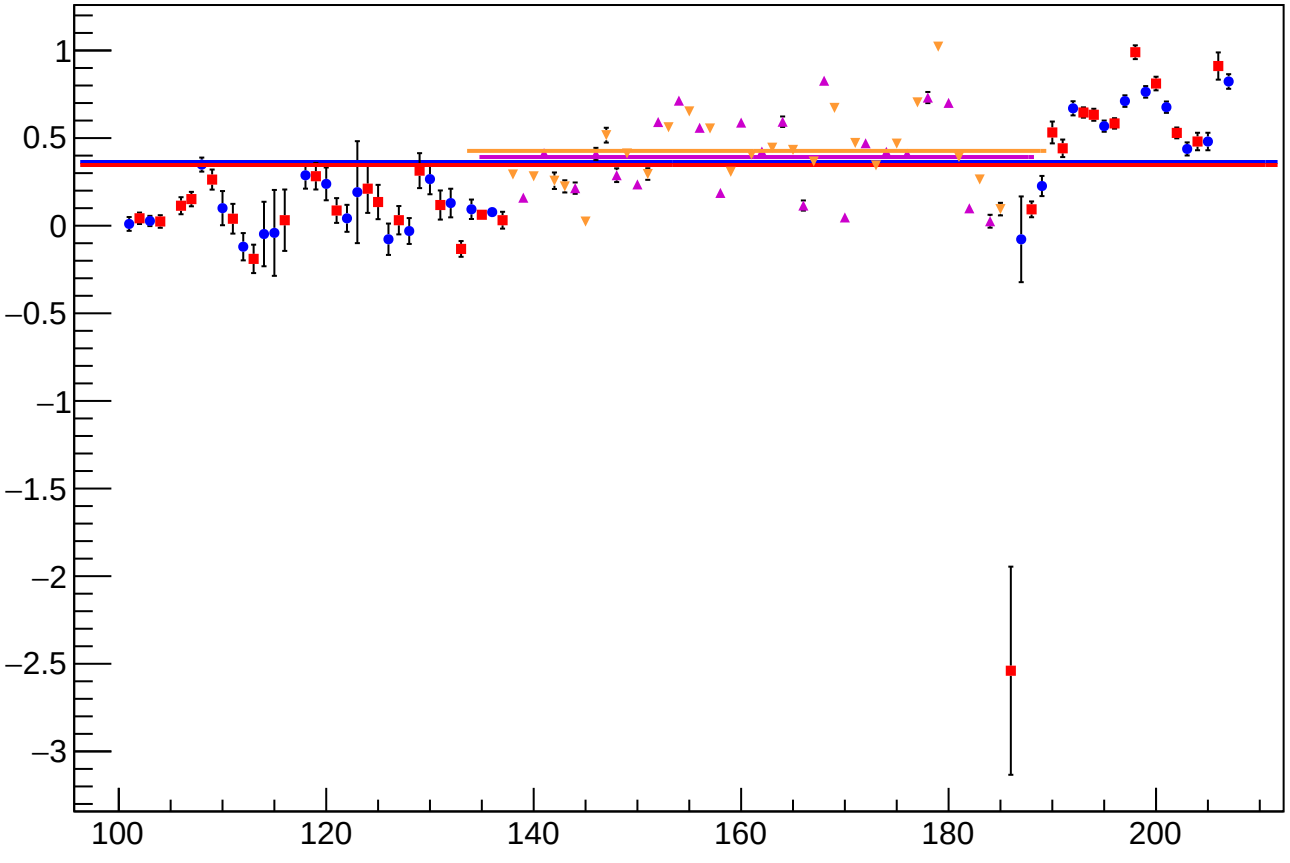
Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

+ sign -34.853+/-0.104 χ^2/NDF: 12058.1/51

All: -34.513+/-0.074 χ^2/NDF: 27918.2/104

- sign -34.168+/-0.105 χ^2/NDF: 15838.6/52

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.363+/-0.009 χ^2/NDF: 1129.4/26

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.346+/-0.008 χ^2/NDF: 1401.0/29

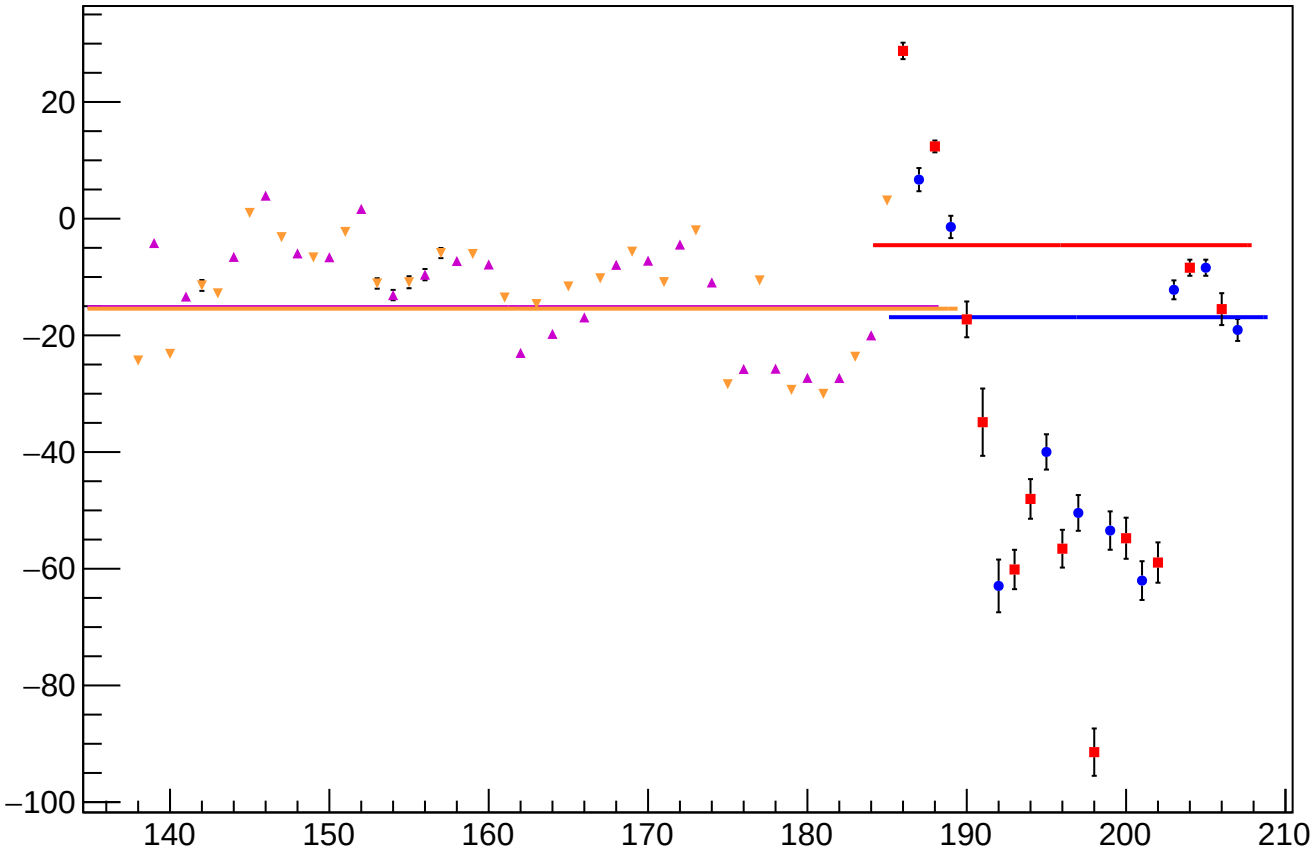
Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

+ sign 0.410+/-0.005 χ^2/NDF: 2459.7/51

All: 0.394+/-0.003 χ^2/NDF: 5739.9/104

- sign 0.379+/-0.005 χ^2/NDF: 3257.1/52

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -16.884+/-0.680 χ^2/NDF: 844.2/9

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: -4.545+/-0.601 χ^2/NDF: 2510.4/11

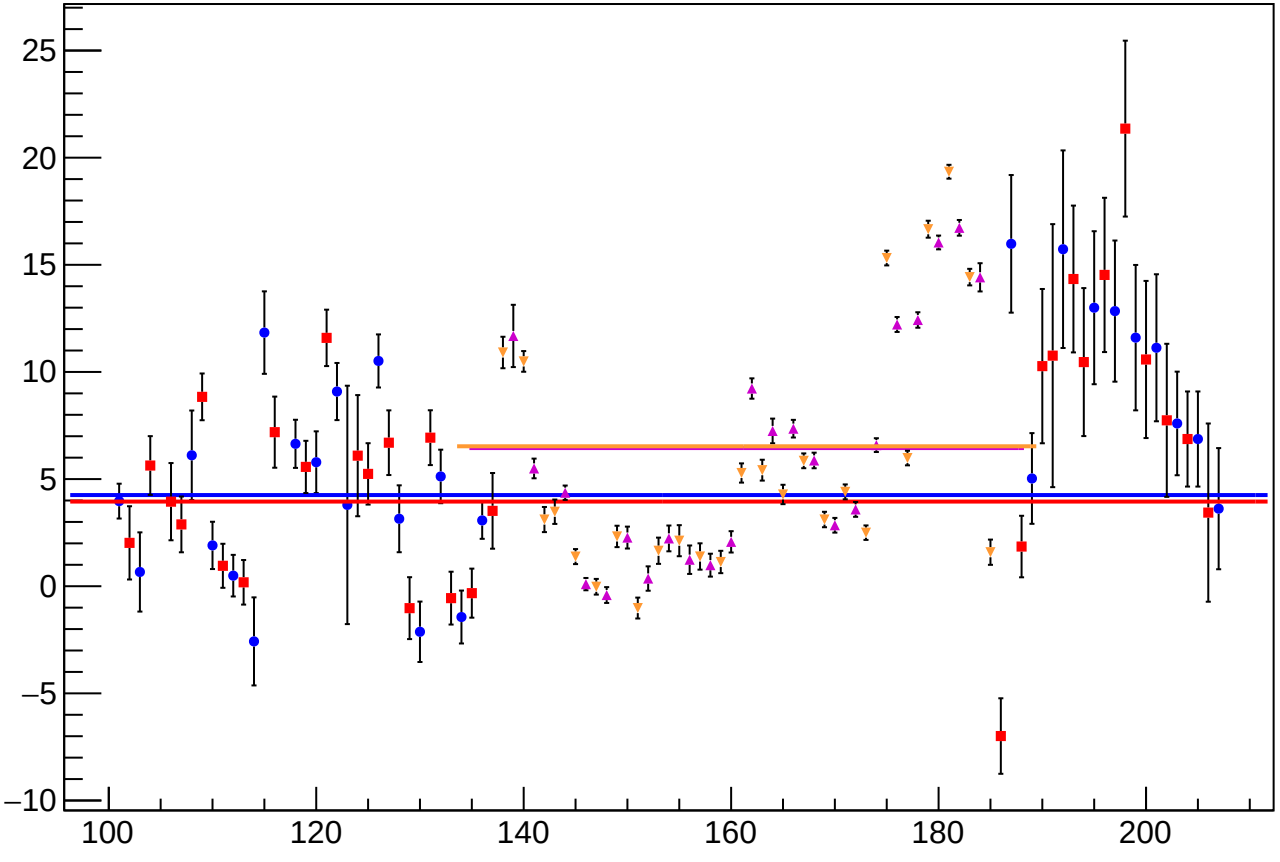
Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

+ sign -15.461+/-0.104 χ^2/NDF: 11348.3/34

All: -15.147+/-0.074 χ^2/NDF: 22923.2/69

- sign -14.830+/-0.105 χ^2/NDF: 11556.7/34

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.255+/-0.292 χ^2/NDF: 184.2/26

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.951+/-0.293 χ^2/NDF: 224.3/29

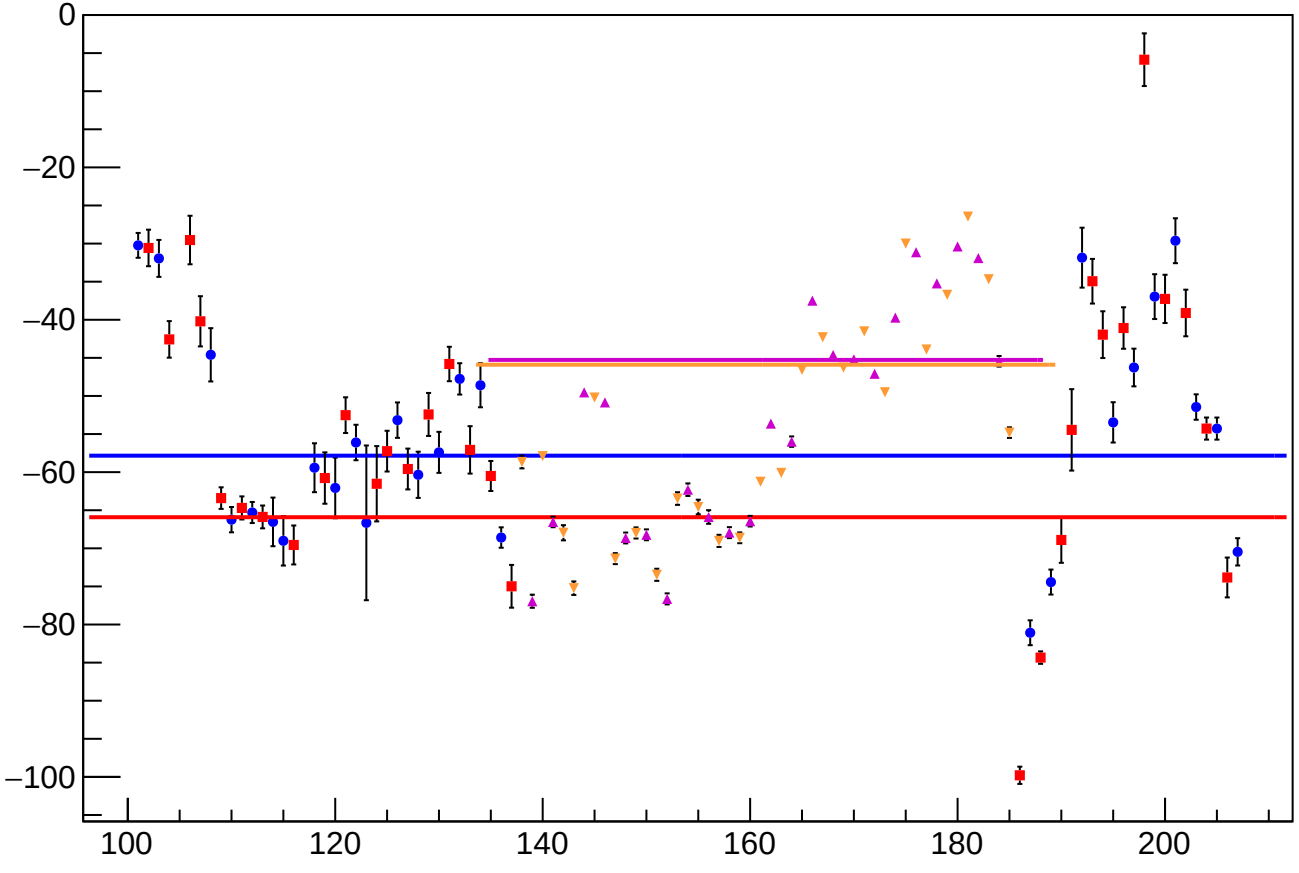
Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

+ sign 6.351+/-0.082 χ^2/NDF: 5209.6/51

All: 6.301+/-0.058 χ^2/NDF: 9457.0/104

- sign 6.251+/-0.082 χ^2/NDF: 4246.6/52

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -57.838+/-0.412 χ^2/NDF: 1179.9/26

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -65.916+/-0.374 χ^2/NDF: 2887.5/29

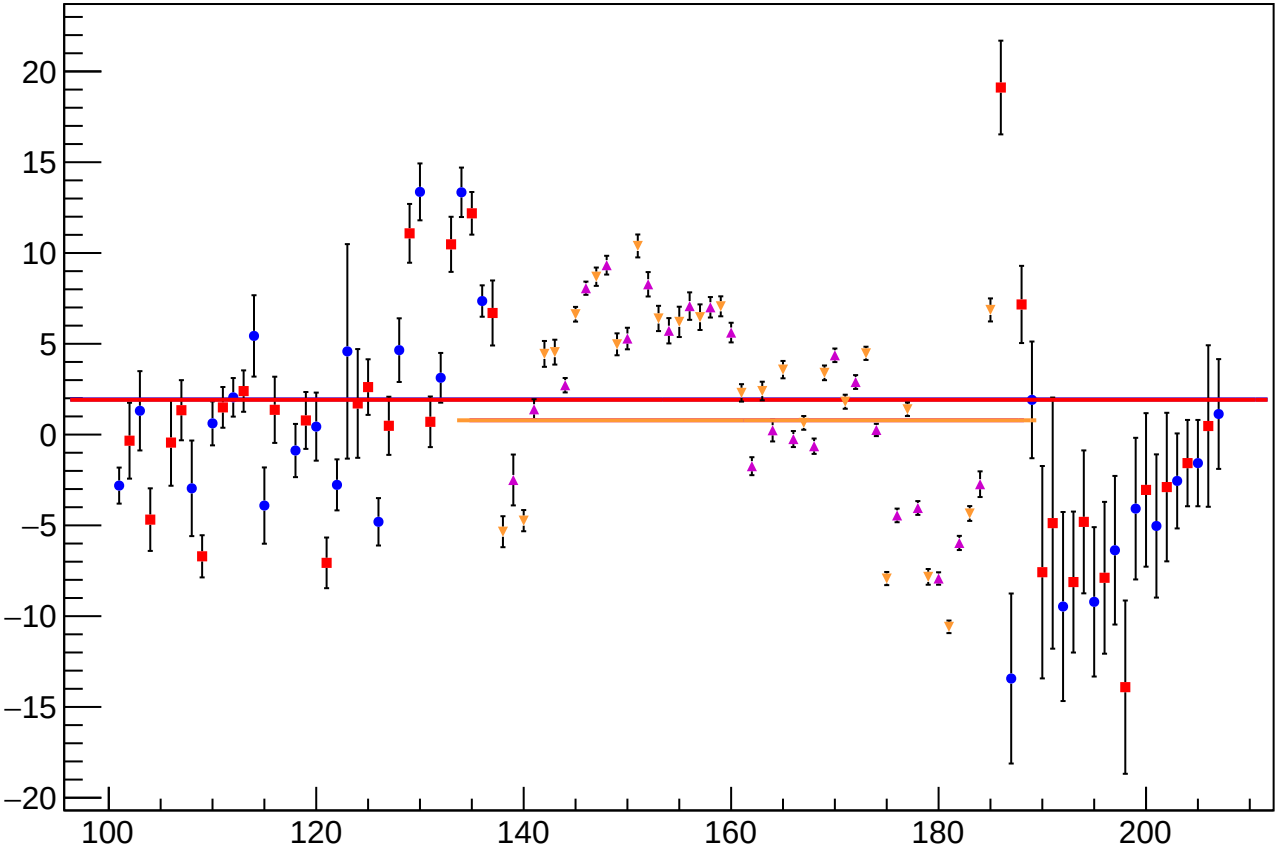
Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

+ sign -46.644+/-0.103 χ^2/NDF: 19102.4/51

All: -46.736+/-0.073 χ^2/NDF: 40591.0/104

- sign -46.827+/-0.103 χ^2/NDF: 21487.0/52

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 1.937+/-0.329 χ^2/NDF: 283.7/26

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 1.916+/-0.335 χ^2/NDF: 348.9/29

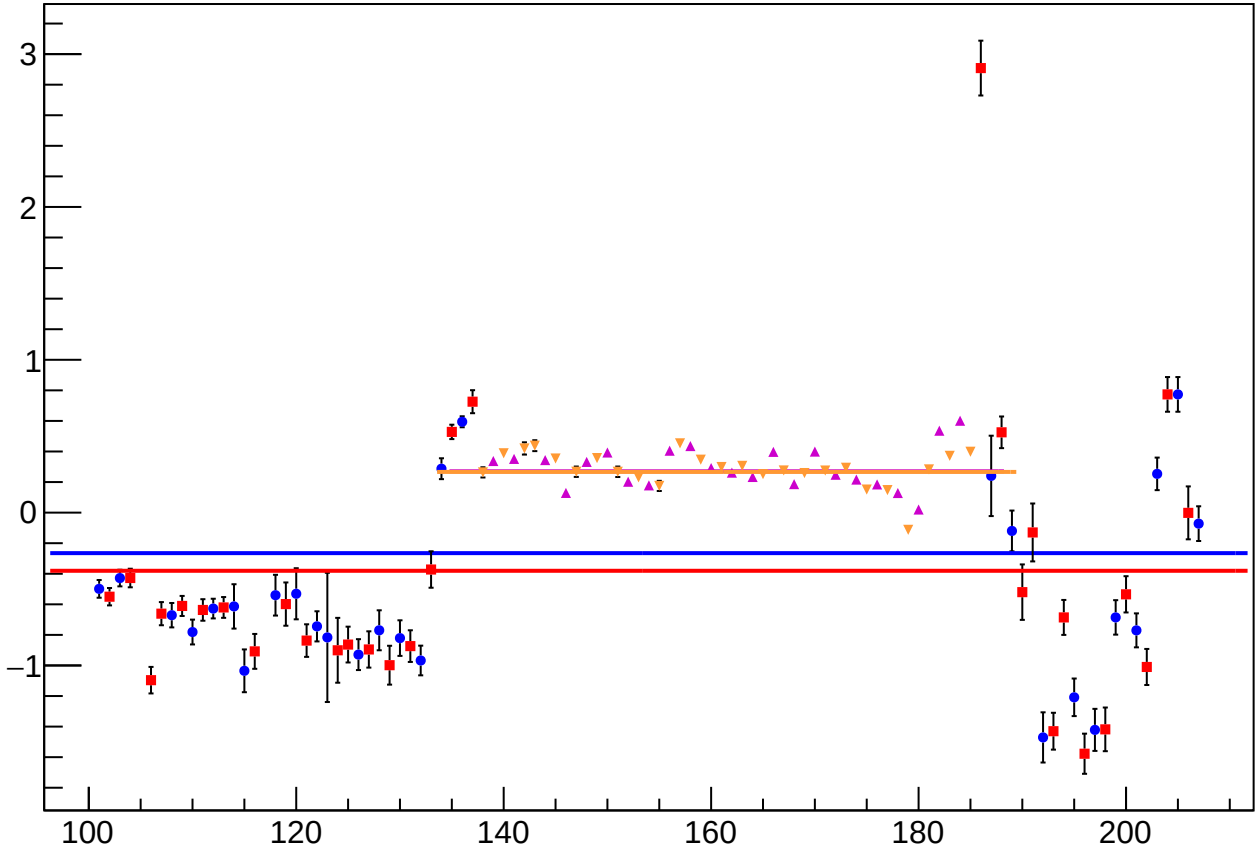
Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

+ sign 0.876+/-0.092 χ^2/NDF: 4041.7/51

All: 0.877+/-0.065 χ^2/NDF: 7098.7/104

- sign 0.877+/-0.092 χ^2/NDF: 3057.0/52

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.265+/-0.017 χ^2/NDF: 1294.3/26

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.381+/-0.017 χ^2/NDF: 1619.6/29

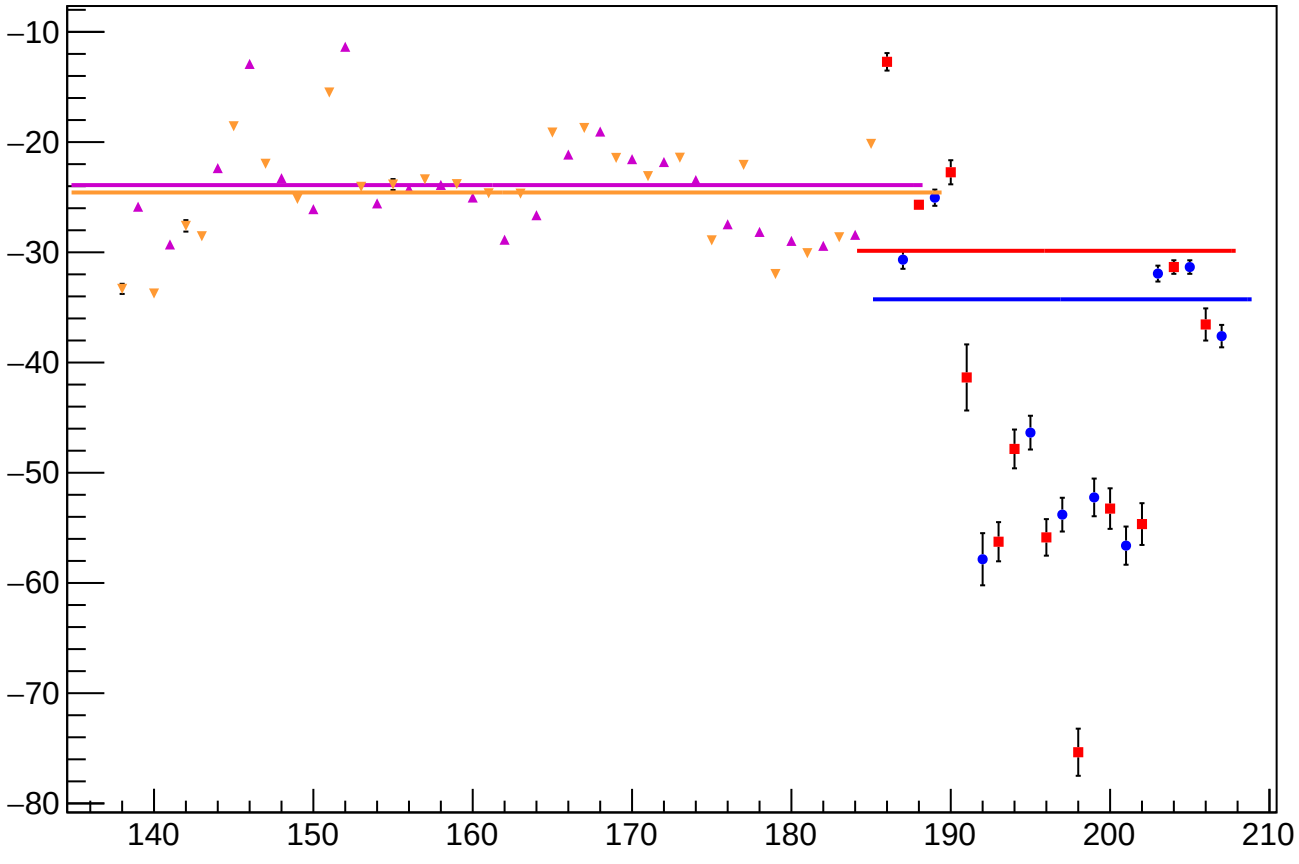
Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

+ sign 0.234+/-0.004 χ^2/NDF: 2903.4/51

All: 0.232+/-0.003 χ^2/NDF: 6870.0/104

- sign 0.229+/-0.004 χ^2/NDF: 3966.1/52

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -34.264+/-0.308 χ^2/NDF: 821.3/9

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -29.863+/-0.279 χ^2/NDF: 2000.9/11

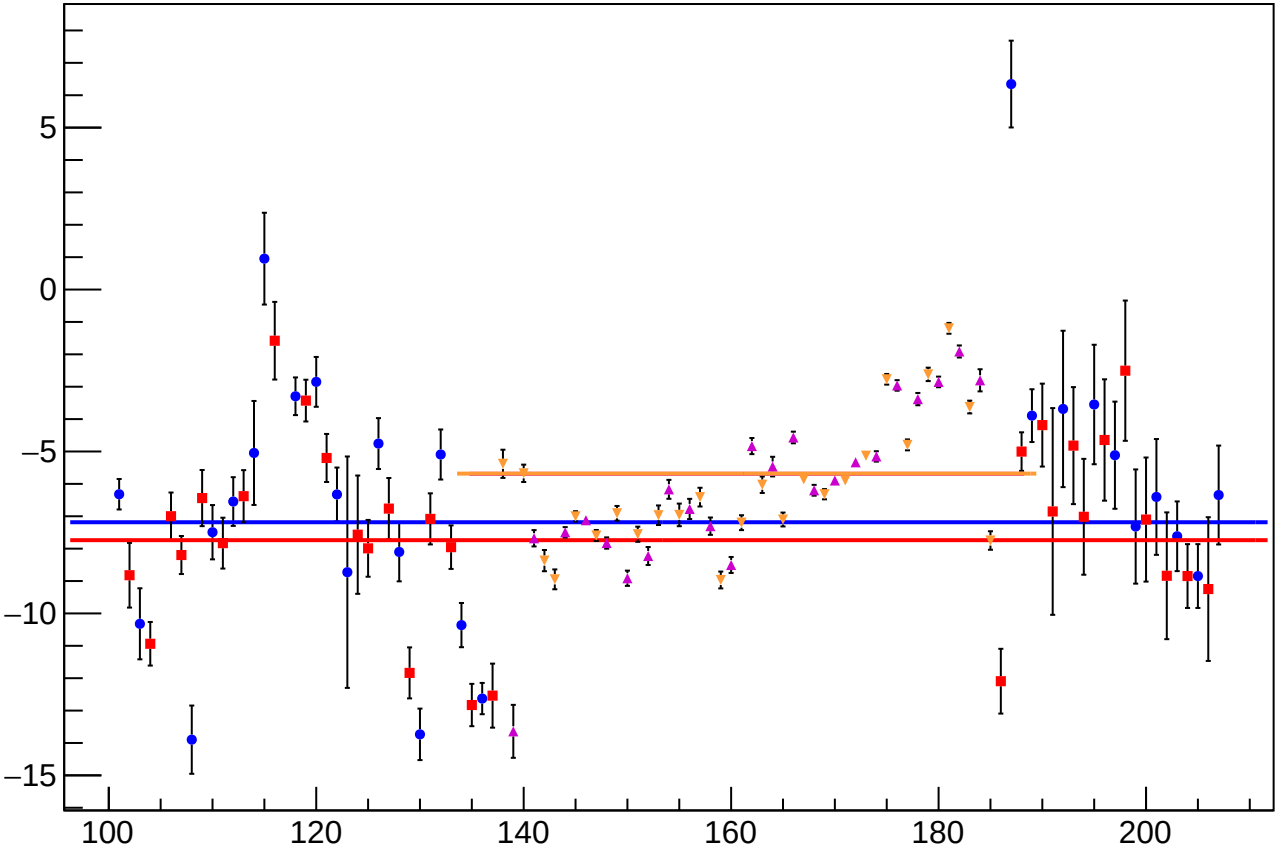
Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

+ sign -24.830+/-0.050 χ^2/NDF: 10395.8/34

All: -24.460+/-0.035 χ^2/NDF: 22104.6/69

- sign -24.093+/-0.050 χ^2/NDF: 11601.2/34

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.185+/-0.169 χ^2/NDF: 529.1/26

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.738+/-0.166 χ^2/NDF: 288.0/29

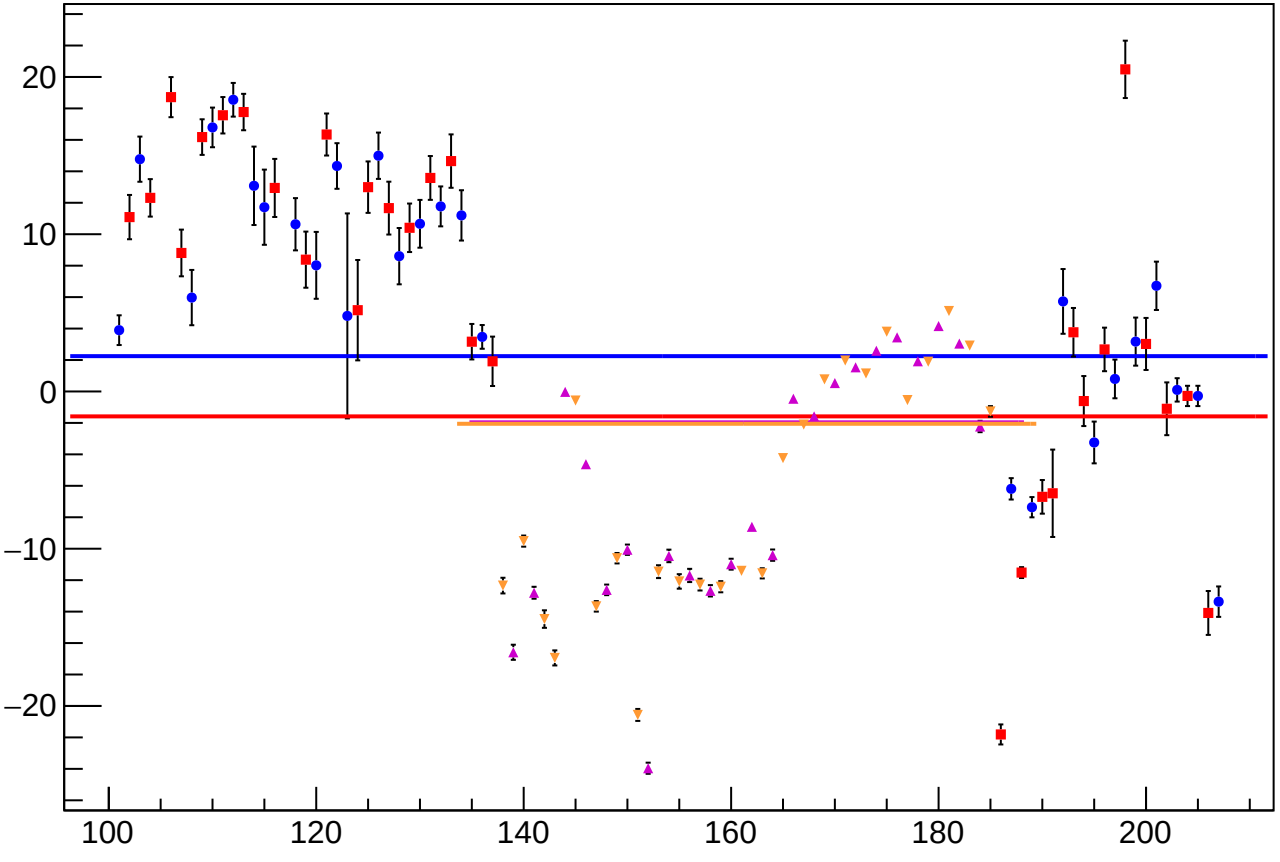
Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

+ sign -5.766+/-0.040 χ^2/NDF: 2834.4/51

All: -5.786+/-0.028 χ^2/NDF: 5594.9/104

- sign -5.806+/-0.039 χ^2/NDF: 2760.1/52

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 2.246+/-0.218 χ^2/NDF: 1484.7/26

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.585+/-0.196 χ^2/NDF: 4148.2/29

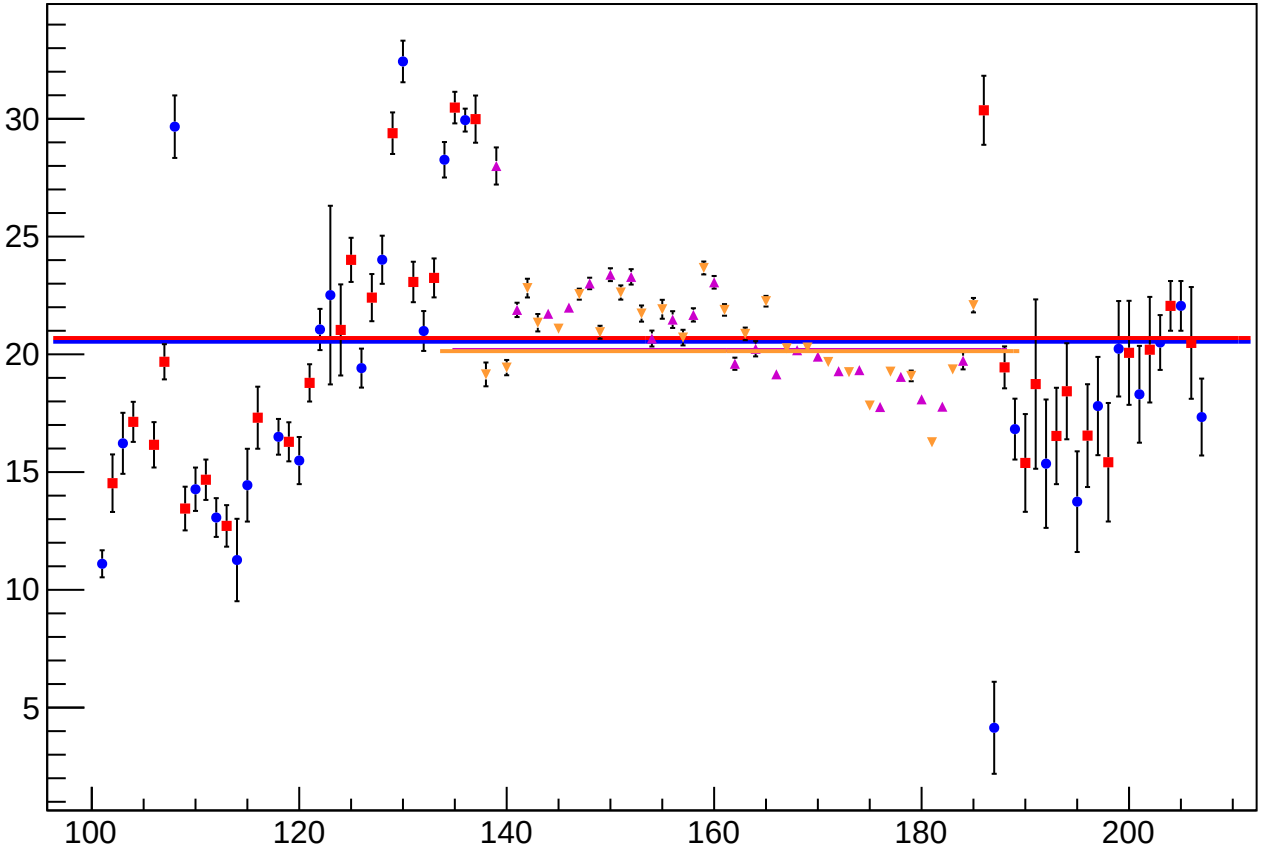
Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

+ sign -1.829+/-0.050 χ^2/NDF: 17895.1/51

All: -1.885+/-0.035 χ^2/NDF: 37542.1/104

- sign -1.939+/-0.049 χ^2/NDF: 19644.6/52

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.536+/-0.193 χ^2/NDF: 1330.9/26

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.692+/-0.194 χ^2/NDF: 795.9/29

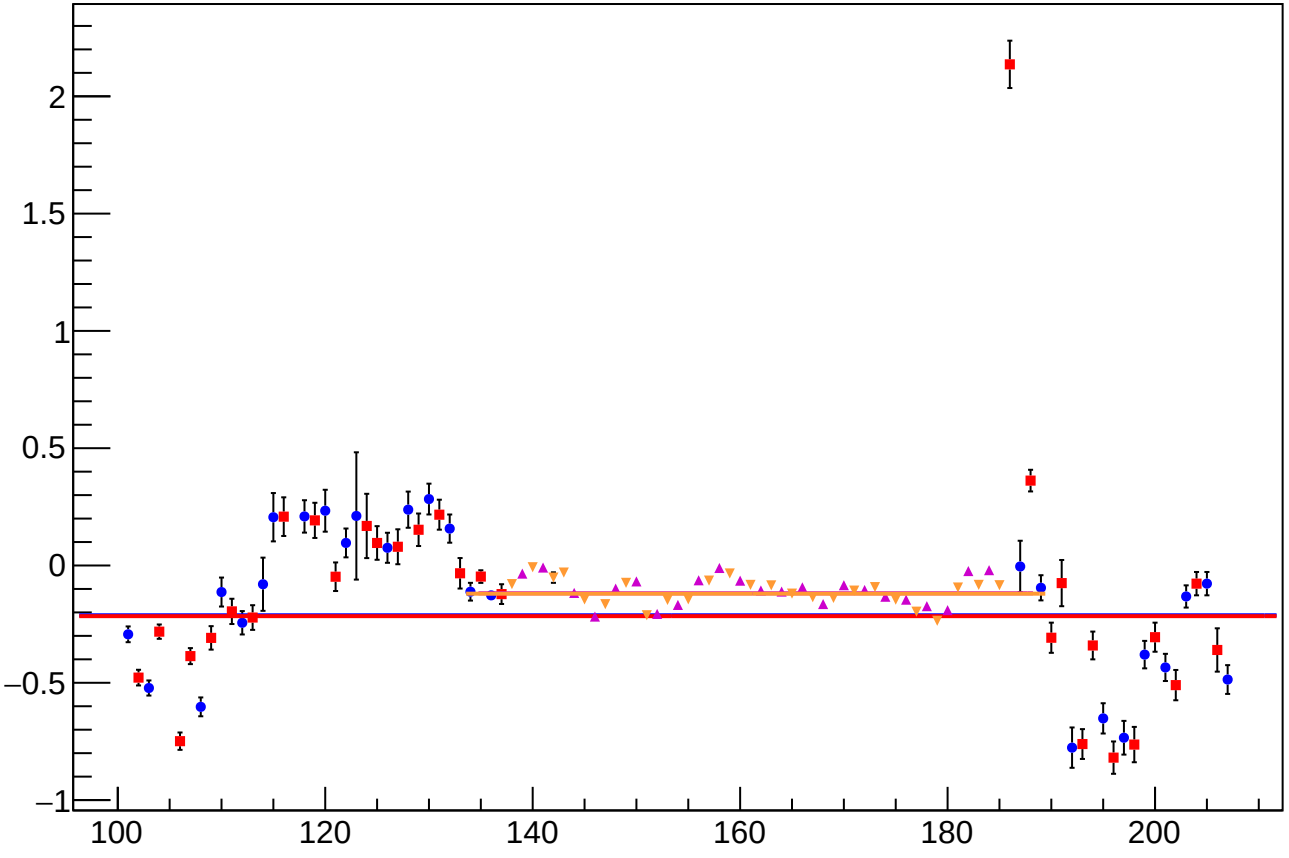
Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

+ sign 20.157+/-0.045 χ^2/NDF: 2749.2/51

All: 20.184+/-0.032 χ^2/NDF: 5022.9/104

- sign 20.211+/-0.044 χ^2/NDF: 2273.0/52

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.212+/-0.010 χ^2/NDF: 680.9/26

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.216+/-0.009 χ^2/NDF: 1479.1/29

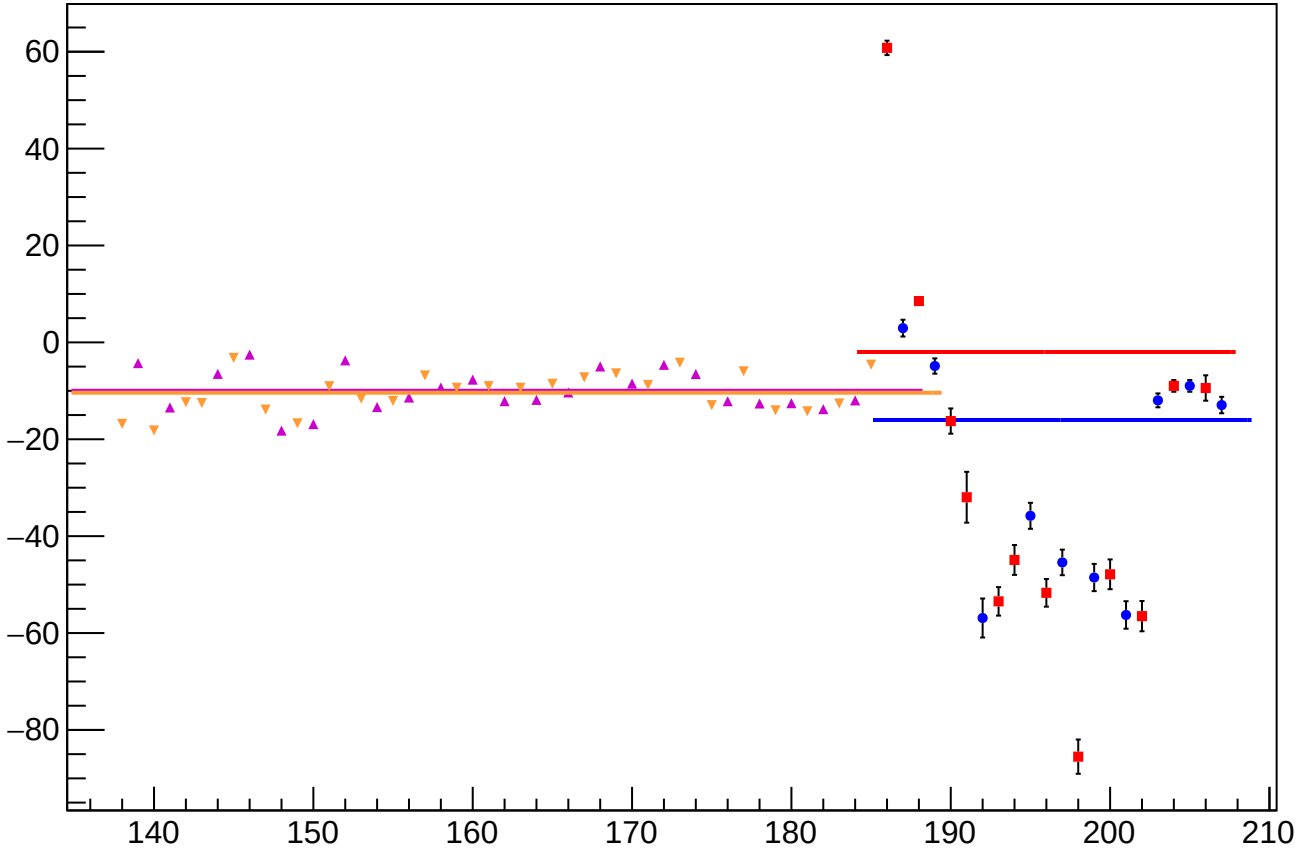
Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

+ sign -0.124+/-0.002 χ^2/NDF: 1299.8/51

All: -0.124+/-0.001 χ^2/NDF: 3607.8/104

- sign -0.123+/-0.002 χ^2/NDF: 2307.8/52

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -16.020+/-0.594 χ^2/NDF: 830.9/9

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: -1.984+/-0.539 χ^2/NDF: 3923.8/11

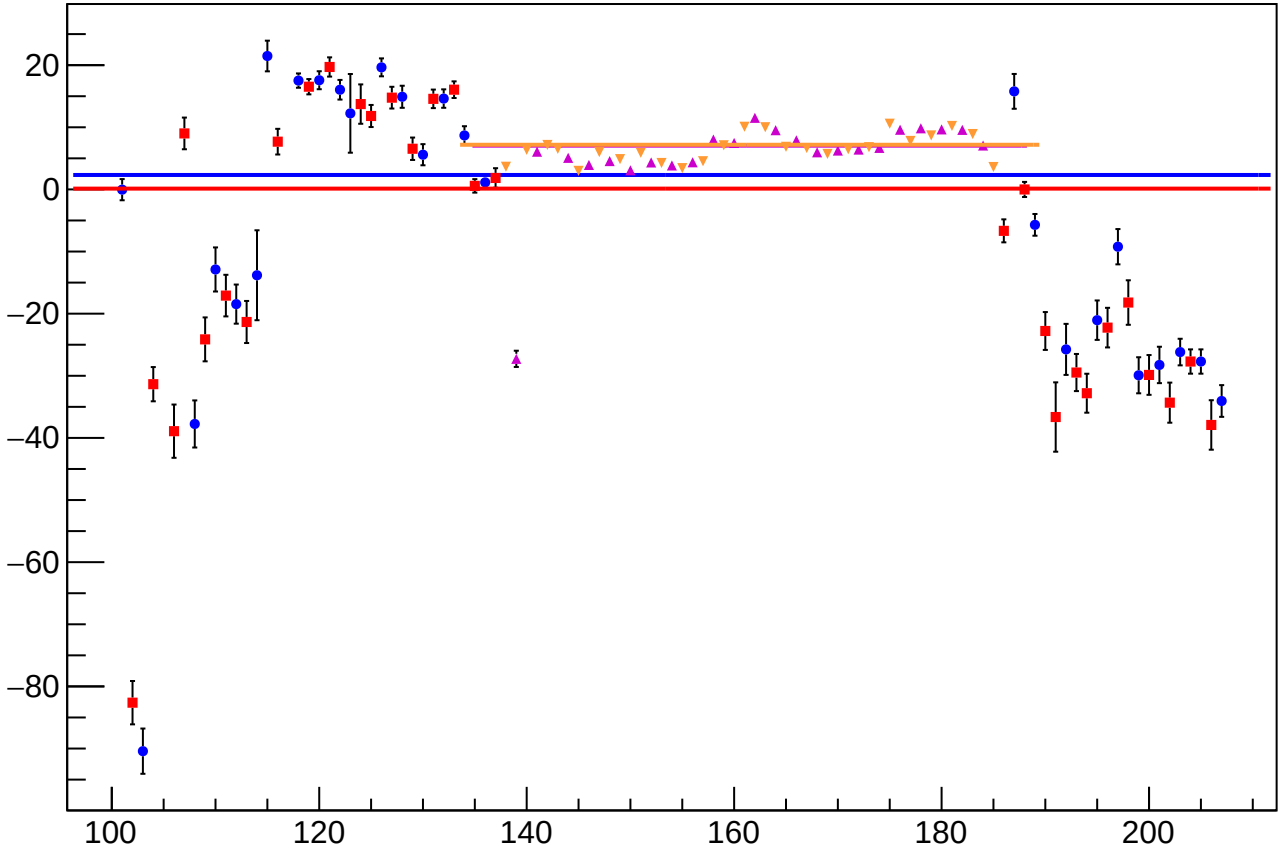
Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

+ sign -10.513+/-0.087 χ^2/NDF: 3031.3/34

All: -10.149+/-0.062 χ^2/NDF: 8999.6/69

- sign -9.777+/-0.088 χ^2/NDF: 5932.8/34

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 2.325+/-0.359 χ^2/NDF: 2549.5/26

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 0.128+/-0.370 χ^2/NDF: 2525.9/29

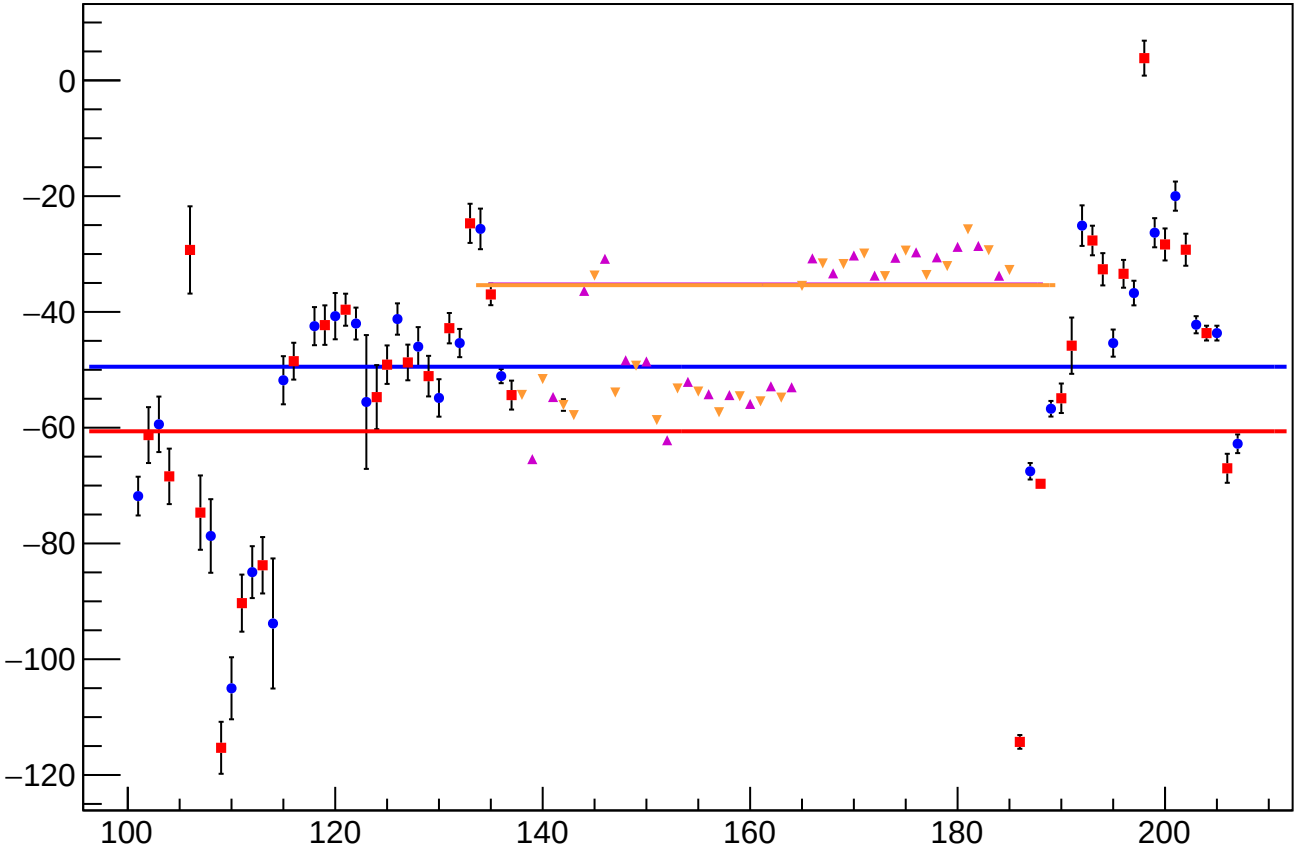
Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

+ sign 6.991+/-0.072 χ^2/NDF: 3642.2/51

All: 6.885+/-0.051 χ^2/NDF: 8113.3/104

- sign 6.777+/-0.073 χ^2/NDF: 4466.8/52

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -49.471+/-0.441 χ^2/NDF: 947.9/26

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -60.623+/-0.403 χ^2/NDF: 4219.8/29

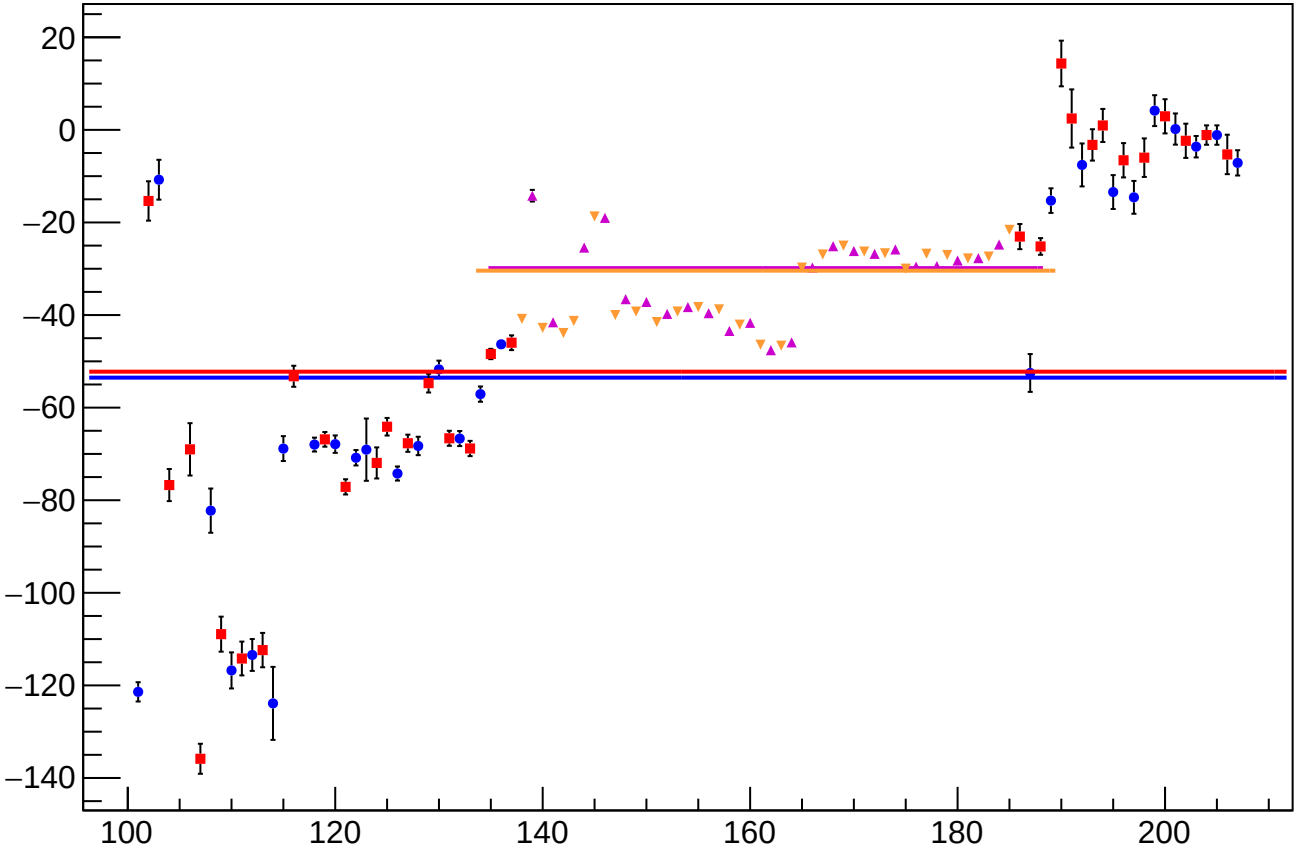
Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

+ sign -35.929+/-0.087 χ^2/NDF: 14556.1/51

All: -36.193+/-0.062 χ^2/NDF: 34337.0/104

- sign -36.459+/-0.088 χ^2/NDF: 19762.6/52

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -53.521+/-0.403 χ^2/NDF: 5010.6/26

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -52.232+/-0.425 χ^2/NDF: 4666.1/29

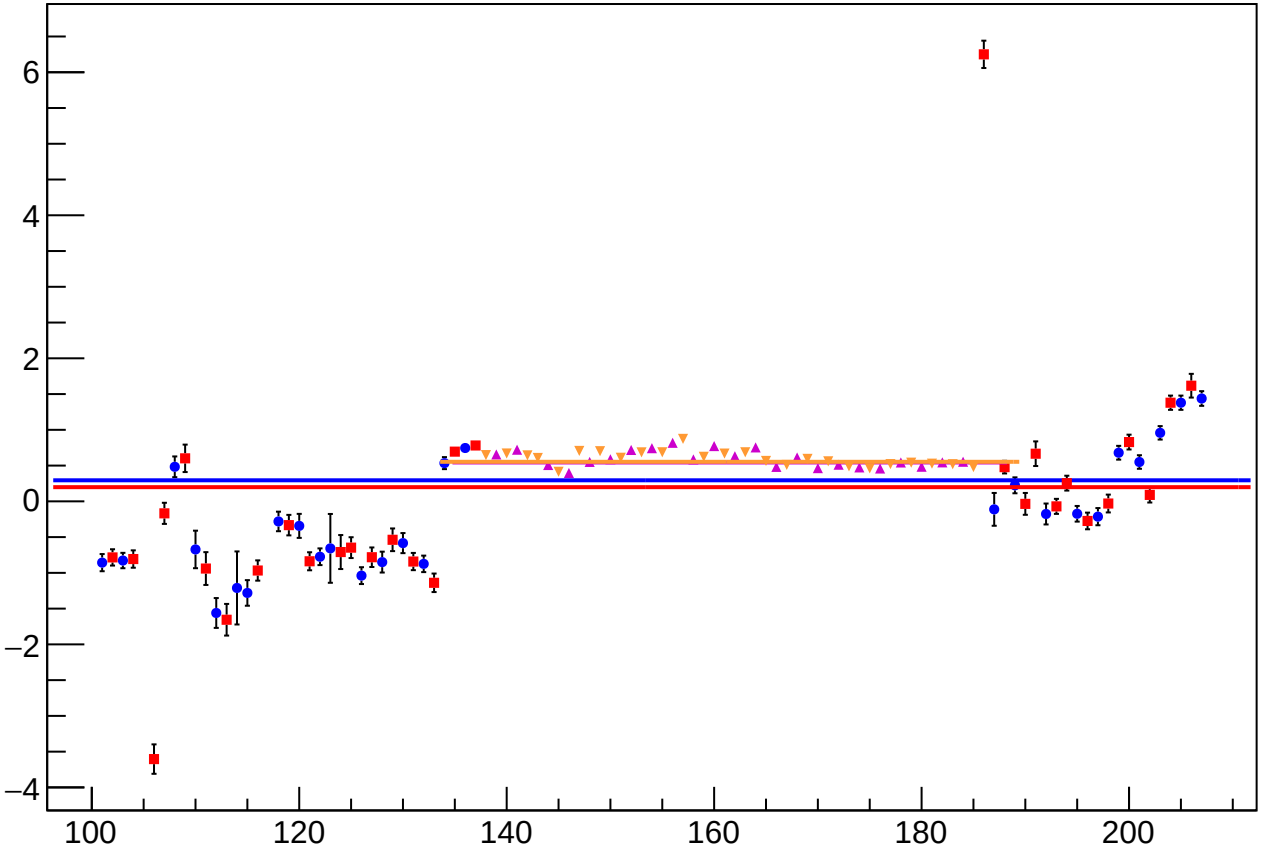
Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

+ sign -31.327+/-0.080 χ^2/NDF: 16307.2/51

All: -31.002+/-0.057 χ^2/NDF: 30818.5/104

- sign -30.669+/-0.081 χ^2/NDF: 14477.8/52

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.294+/-0.020 χ^2/NDF: 1392.6/26

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.198+/-0.021 χ^2/NDF: 2540.5/29

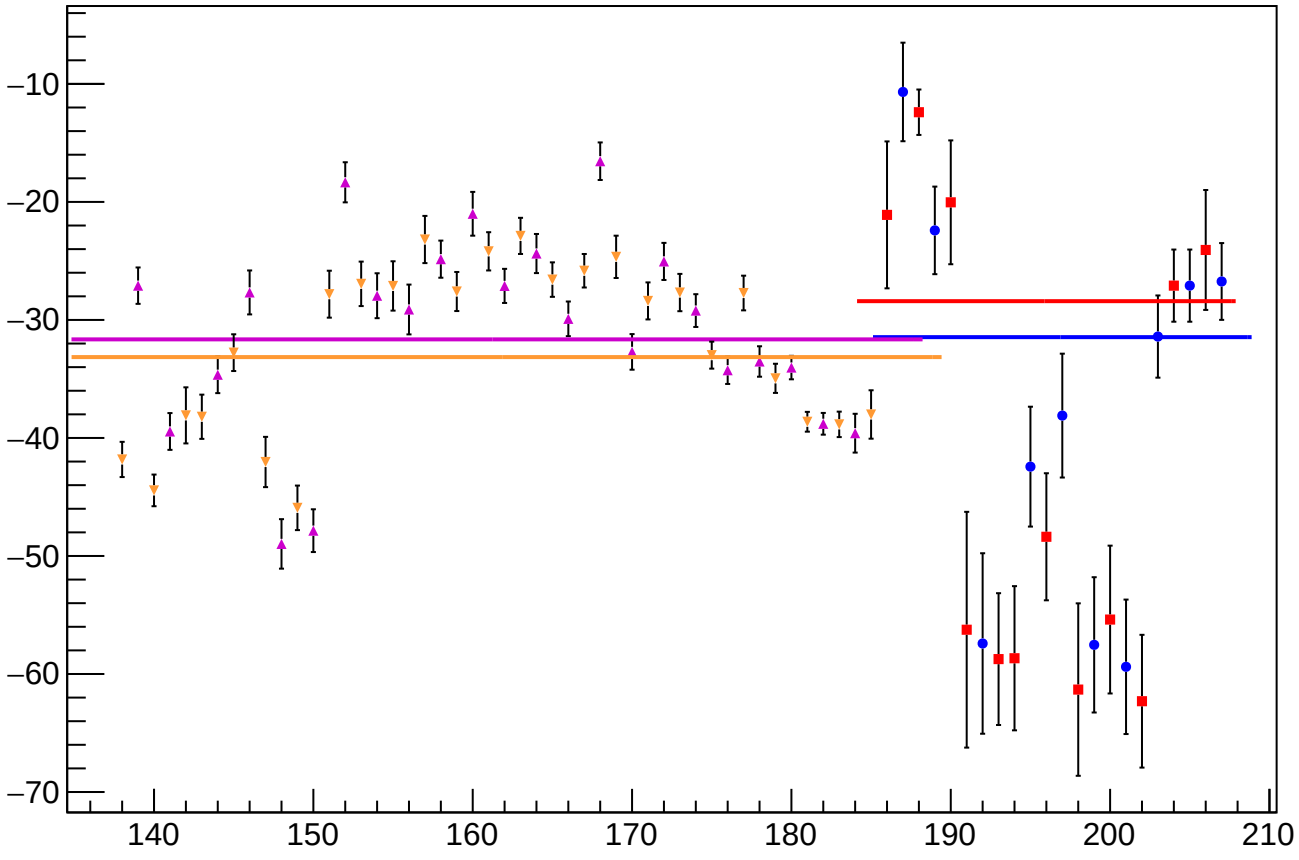
Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

+ sign 0.544+/-0.004 χ^2/NDF: 2101.2/51

All: 0.538+/-0.003 χ^2/NDF: 5574.1/104

- sign 0.533+/-0.004 χ^2/NDF: 3467.9/52

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -31.457+/-1.328 χ^2/NDF: 97.4/9

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -28.409+/-1.233 χ^2/NDF: 224.8/11

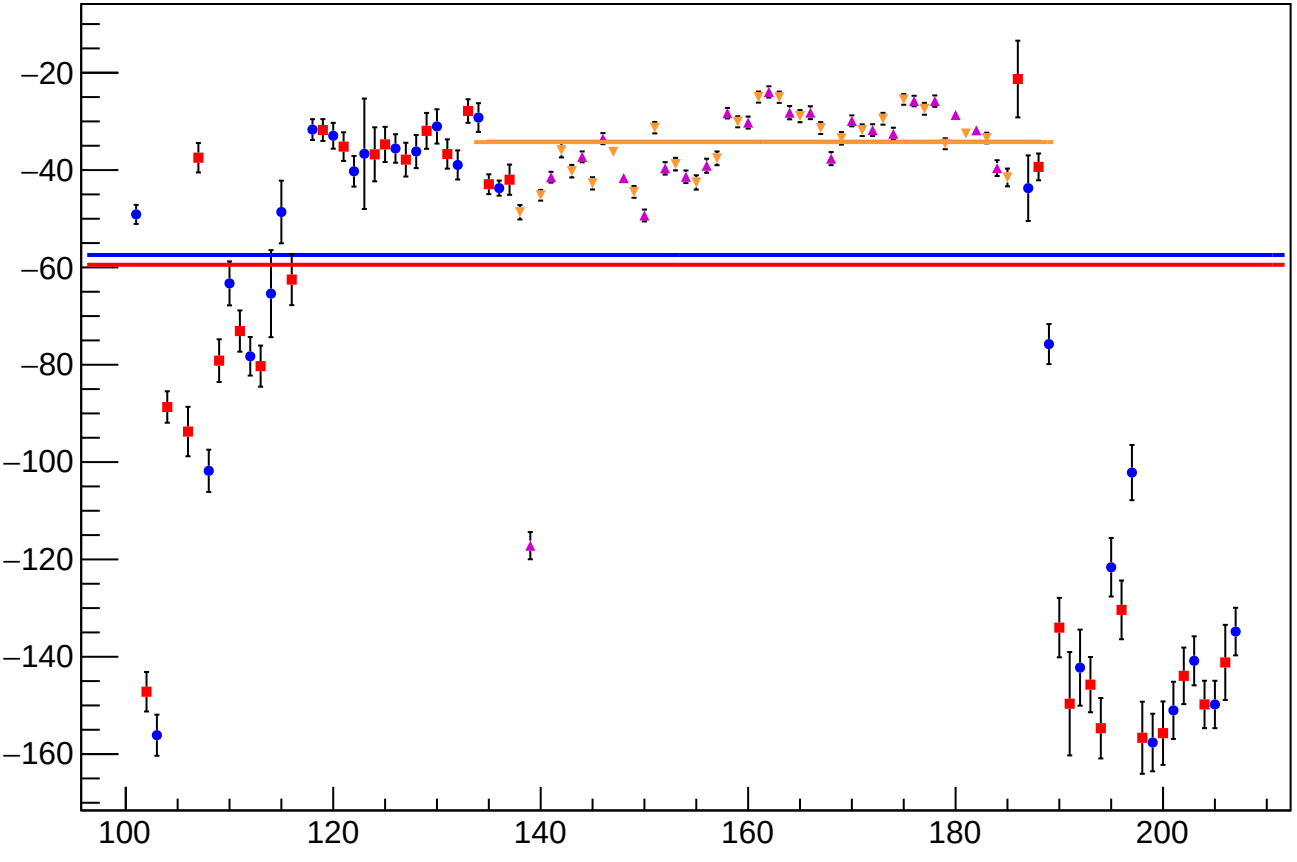
Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

+ sign -33.066+/-0.293 χ^2/NDF: 598.9/34

All: -32.275+/-0.209 χ^2/NDF: 1391.8/69

- sign -31.458+/-0.298 χ^2/NDF: 778.2/34

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -57.442+/-0.666 χ^2/NDF: 3064.6/26

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -59.454+/-0.689 χ^2/NDF: 3366.8/29

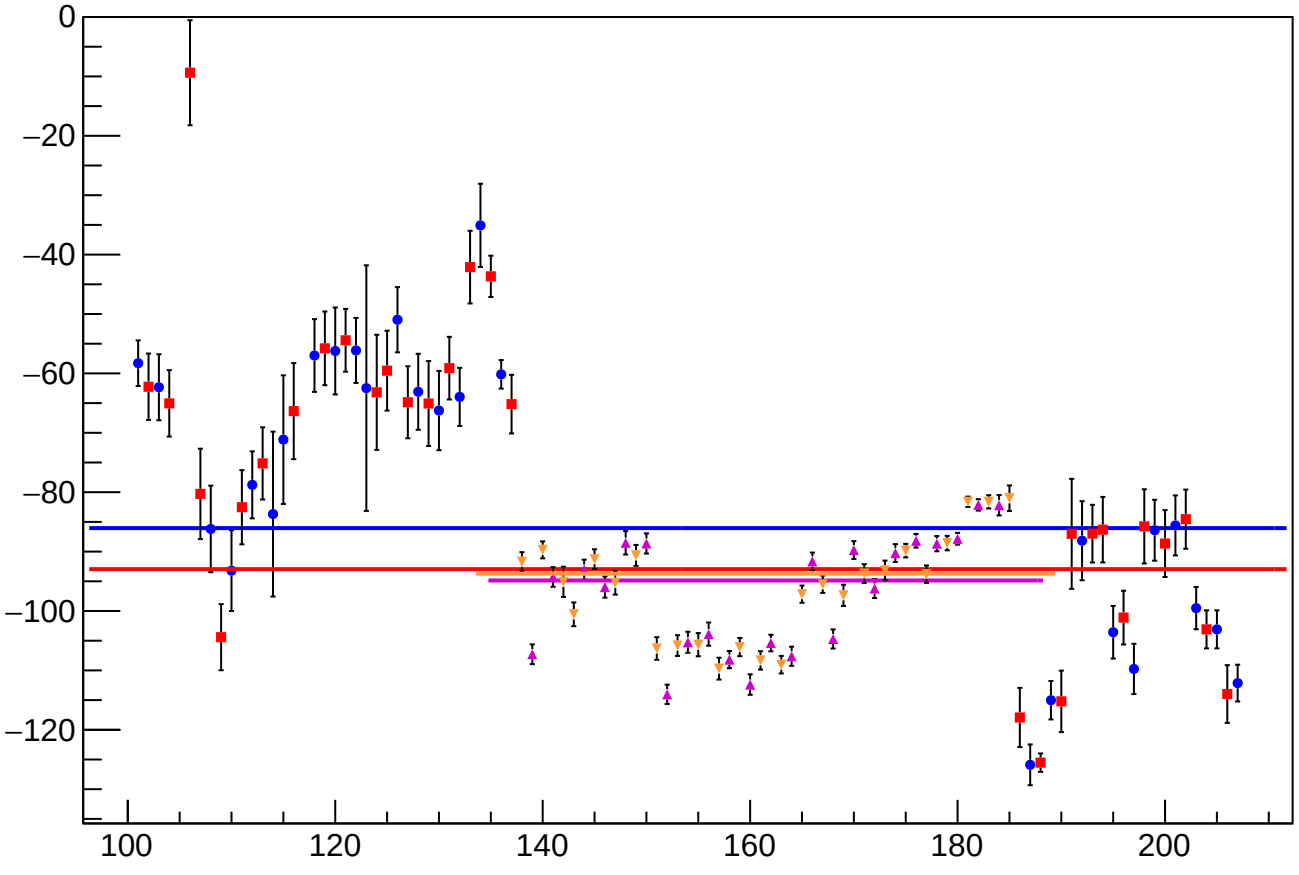
Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

+ sign -36.959+/-0.228 χ^2/NDF: 4827.3/51

All: -37.045+/-0.164 χ^2/NDF: 10929.6/104

- sign -37.135+/-0.235 χ^2/NDF: 6102.0/52

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -86.043+/-0.894 χ^2/NDF: 773.5/26

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -92.953+/-0.849 χ^2/NDF: 1201.5/29

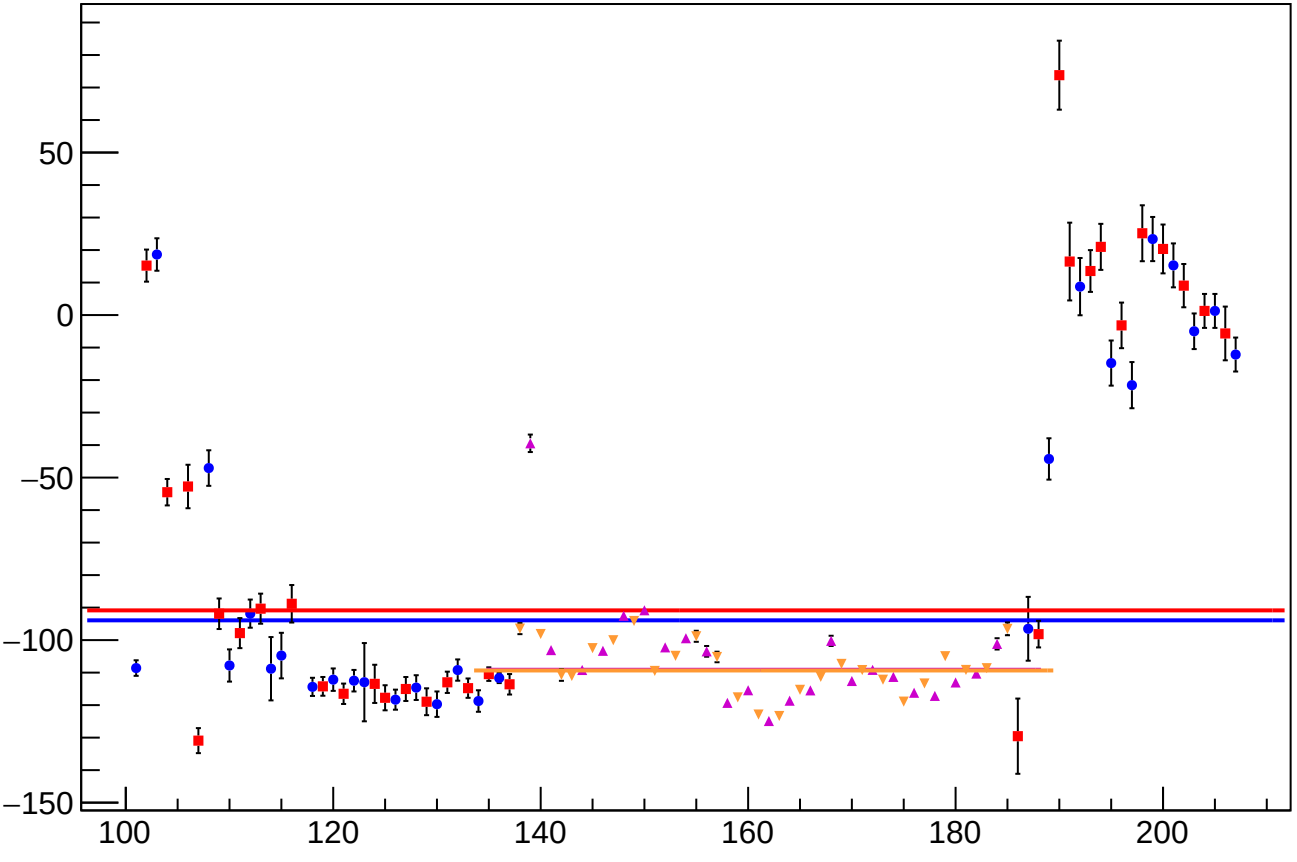
Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

+ sign -92.932+/-0.286 χ^2/NDF: 1717.8/51

All: -93.778+/-0.203 χ^2/NDF: 3926.9/104

- sign -94.639+/-0.289 χ^2/NDF: 2191.5/52

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -93.918+/-0.754 χ^2/NDF: 2921.0/26

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -90.854+/-0.791 χ^2/NDF: 3268.9/29

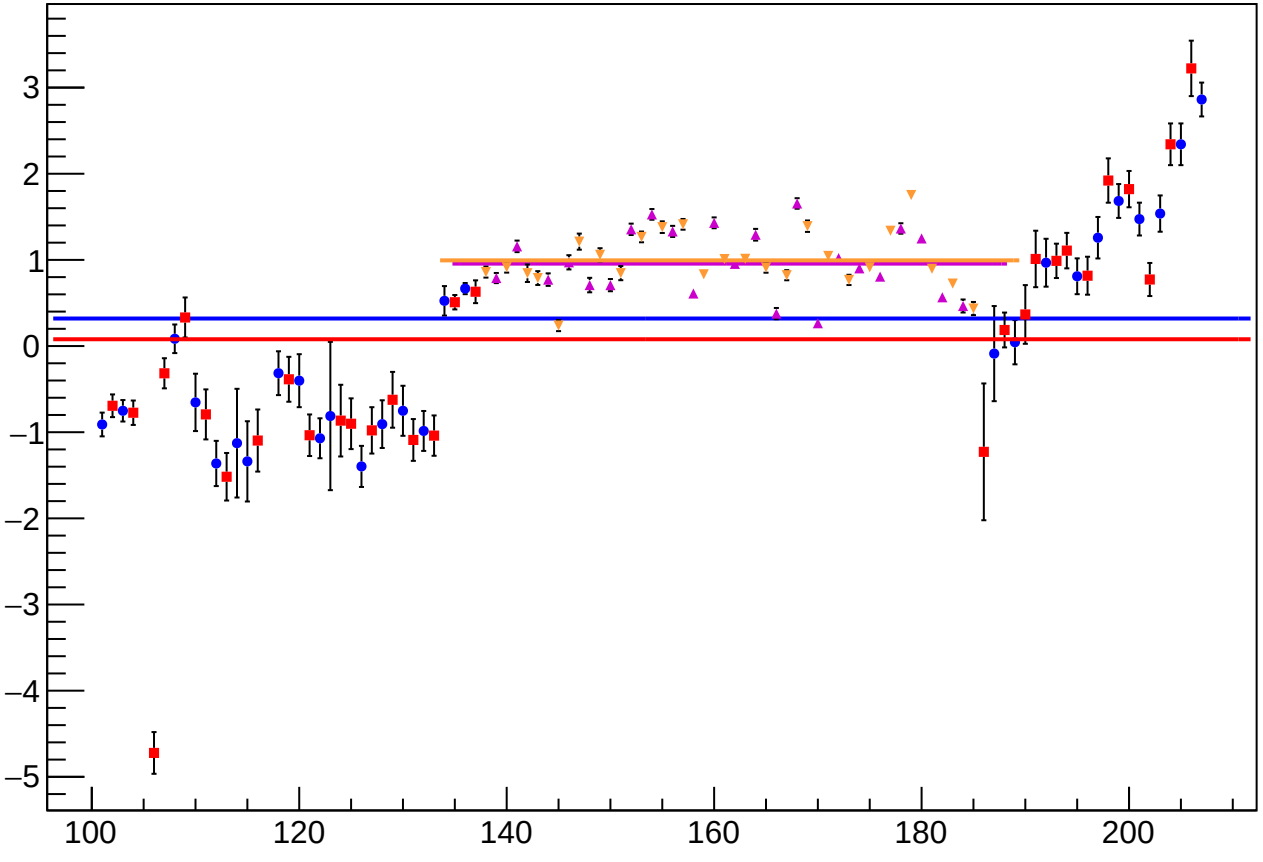
Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

+ sign -107.565+/-0.256 χ^2/NDF: 4117.1/51

All: -107.340+/-0.183 χ^2/NDF: 9441.1/104

- sign -107.102+/-0.263 χ^2/NDF: 5322.4/52

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.320+/-0.036 χ^2/NDF: 803.0/26

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: 0.079+/-0.037 χ^2/NDF: 1058.0/29

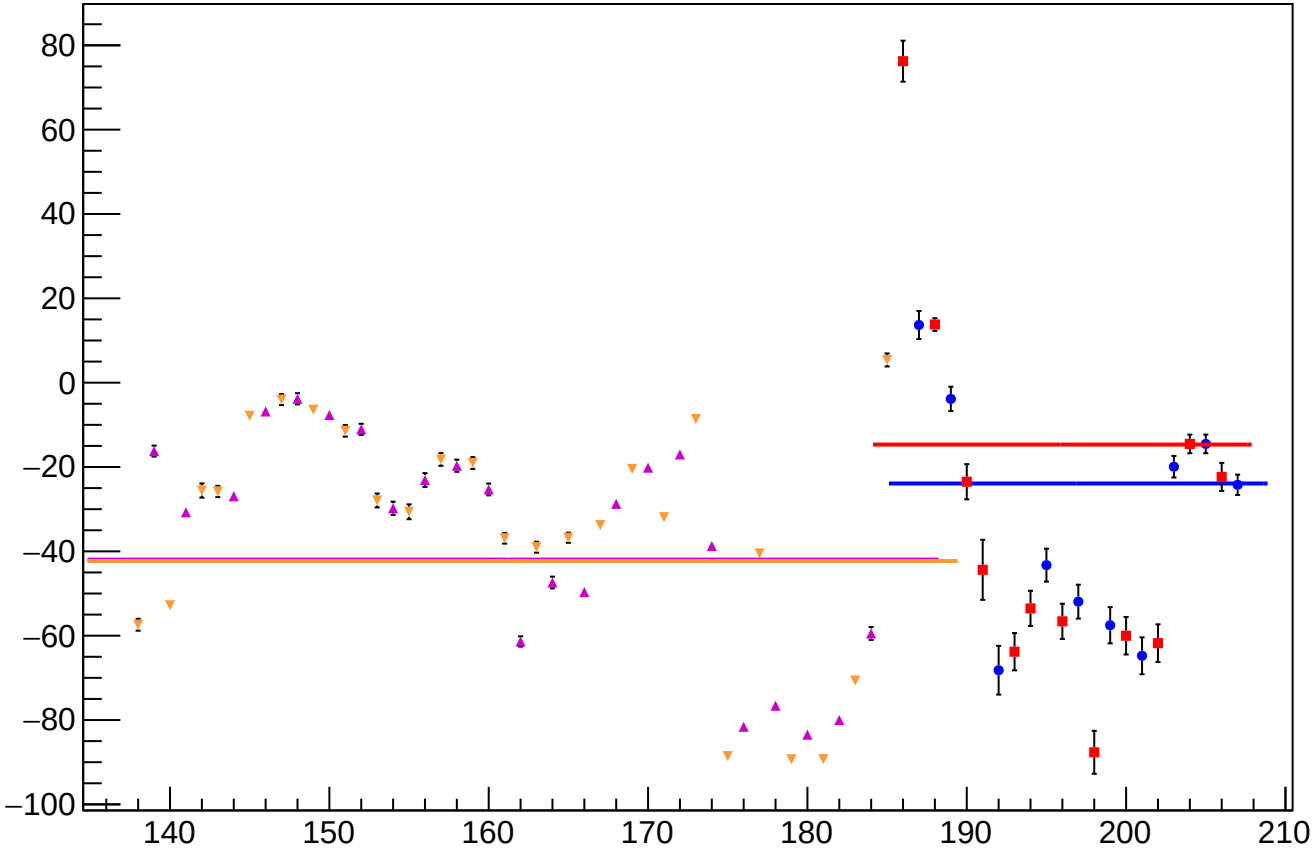
Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

+ sign 0.924+/-0.012 χ^2/NDF: 1745.7/51

All: 0.896+/-0.008 χ^2/NDF: 4210.4/104

- sign 0.867+/-0.012 χ^2/NDF: 2452.9/52

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -23.908+/-0.997 χ^2/NDF: 477.3/9

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -14.677+/-0.928 χ^2/NDF: 1463.6/11

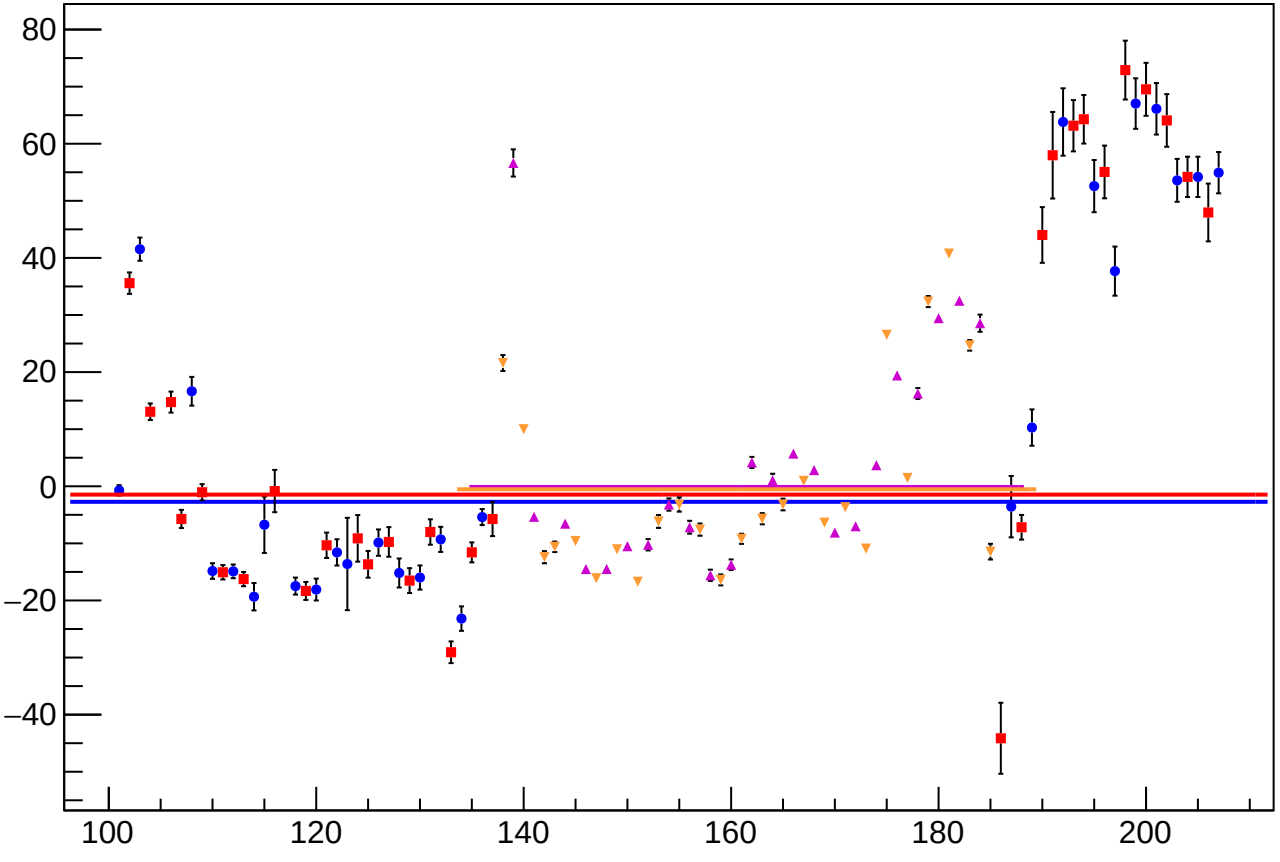
Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

+ sign -41.423+/-0.217 χ^2/NDF: 19068.9/34

All: -40.932+/-0.154 χ^2/NDF: 36081.5/69

- sign -40.429+/-0.220 χ^2/NDF: 17002.3/34

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -2.719+/-0.406 χ^2/NDF: 2722.6/26

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -1.457+/-0.405 χ^2/NDF: 3090.6/29

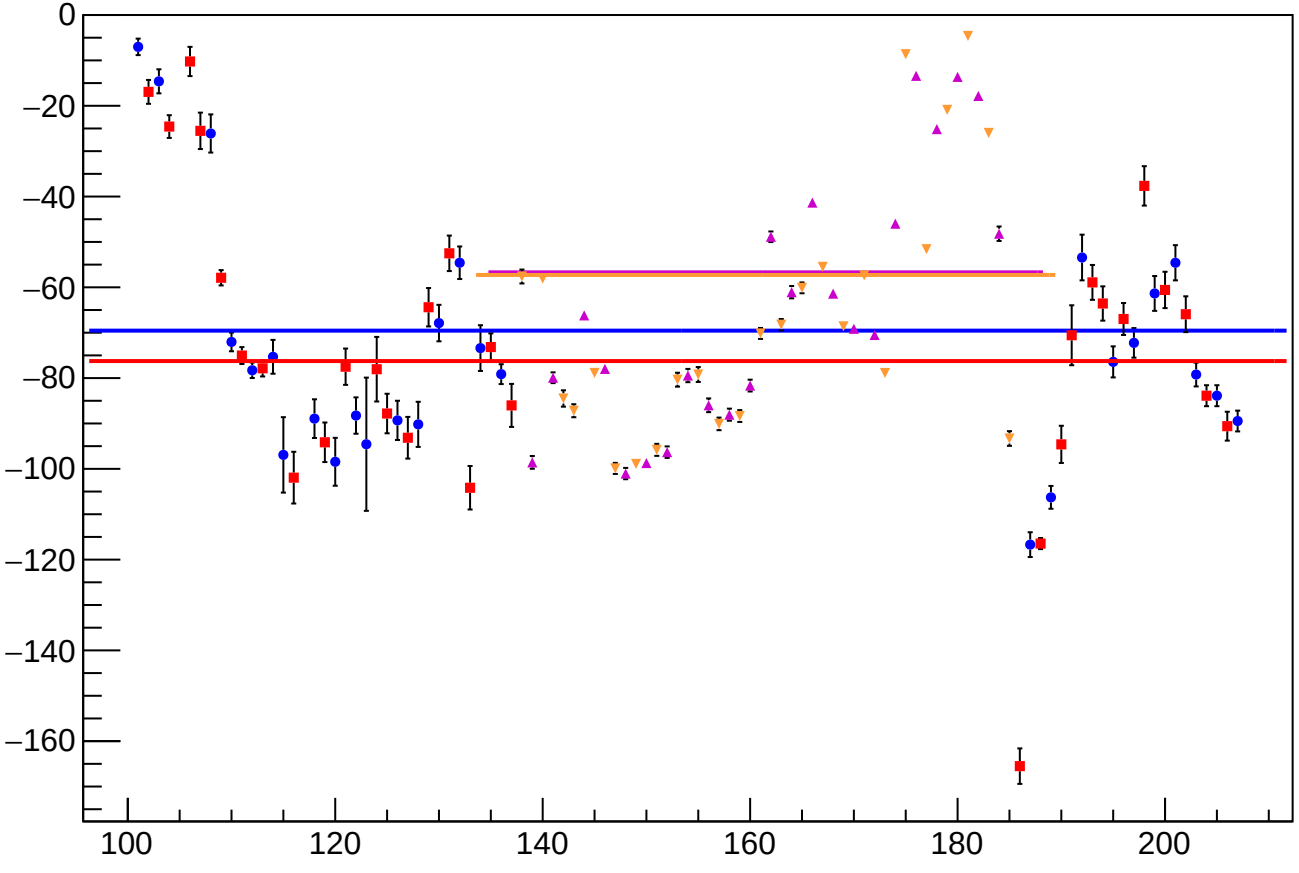
Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

+ sign -0.870+/-0.160 χ^2/NDF: 11455.1/51

All: -0.611+/-0.114 χ^2/NDF: 21485.1/104

- sign -0.342+/-0.163 χ^2/NDF: 10024.7/52

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -69.545+/-0.580 χ^2/NDF: 2586.9/26

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -76.250+/-0.534 χ^2/NDF: 3578.0/29

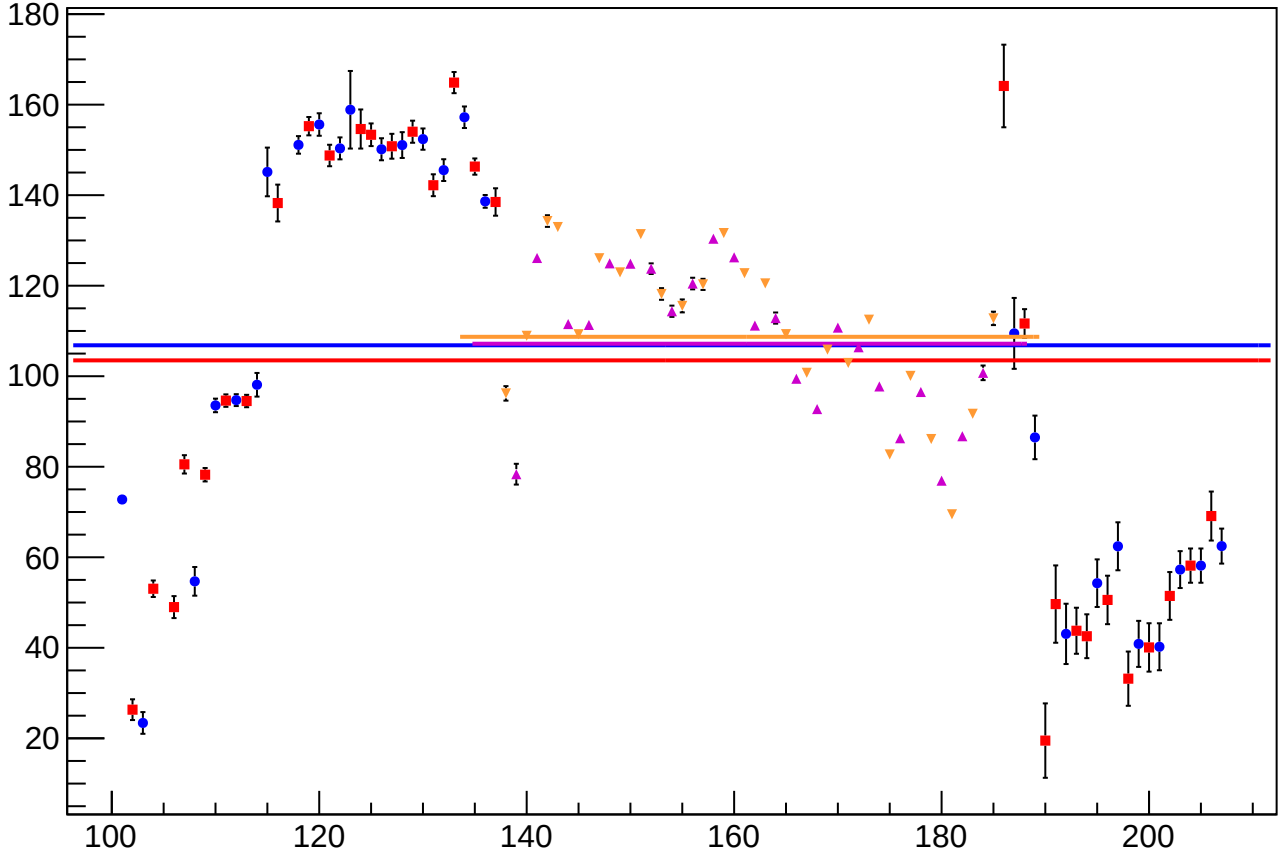
Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

+ sign -58.865+/-0.209 χ^2/NDF: 21488.0/51

All: -59.269+/-0.147 χ^2/NDF: 42755.8/104

- sign -59.671+/-0.208 χ^2/NDF: 21260.3/52

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 106.834+/-0.464 χ^2/NDF: 7113.1/26

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 103.500+/-0.464 χ^2/NDF: 8051.0/29

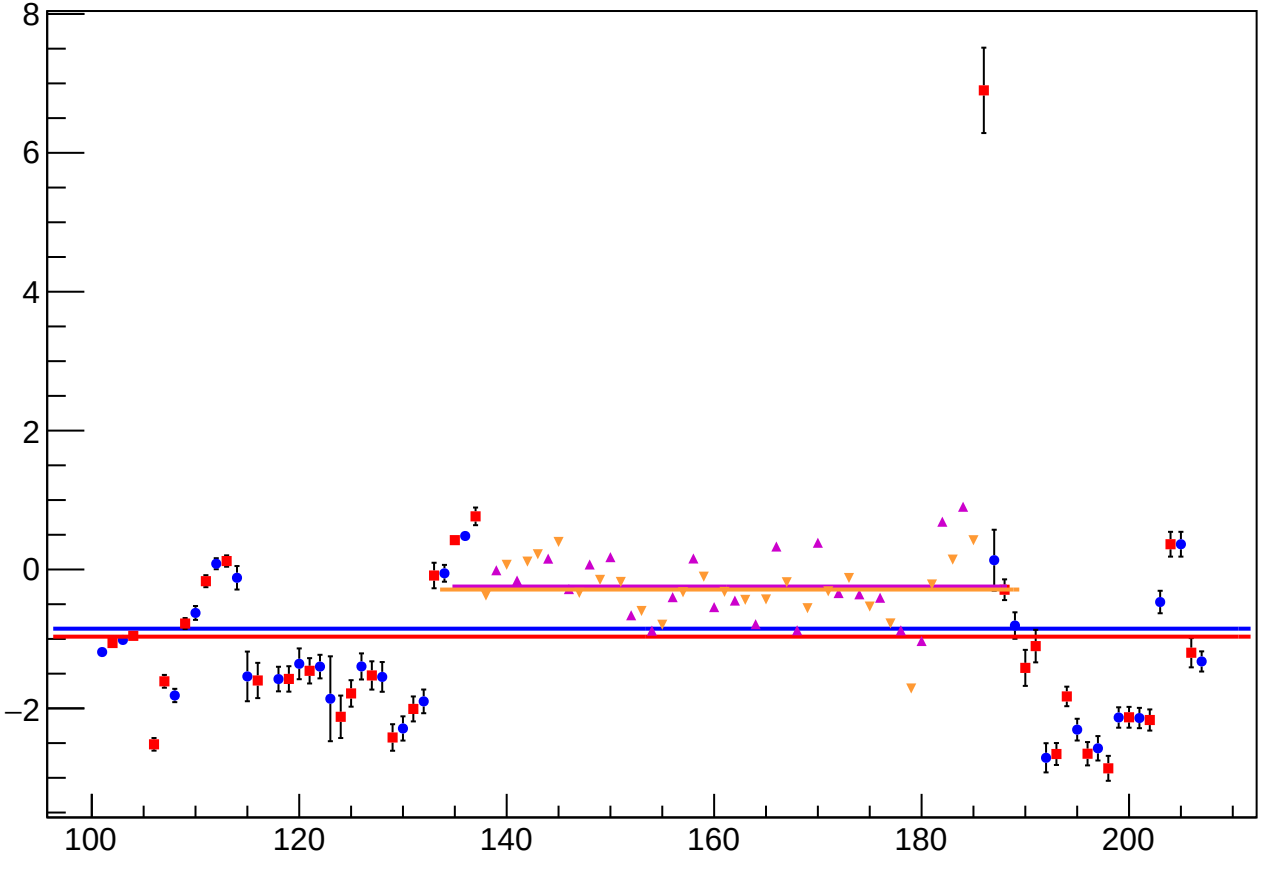
Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

+ sign 108.420+/-0.182 χ^2/NDF: 14423.9/51

All: 107.523+/-0.130 χ^2/NDF: 28169.6/104

- sign 106.595+/-0.185 χ^2/NDF: 13696.3/52

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.852+/-0.023 χ^2/NDF: 1512.2/26

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.967+/-0.022 χ^2/NDF: 2079.4/29

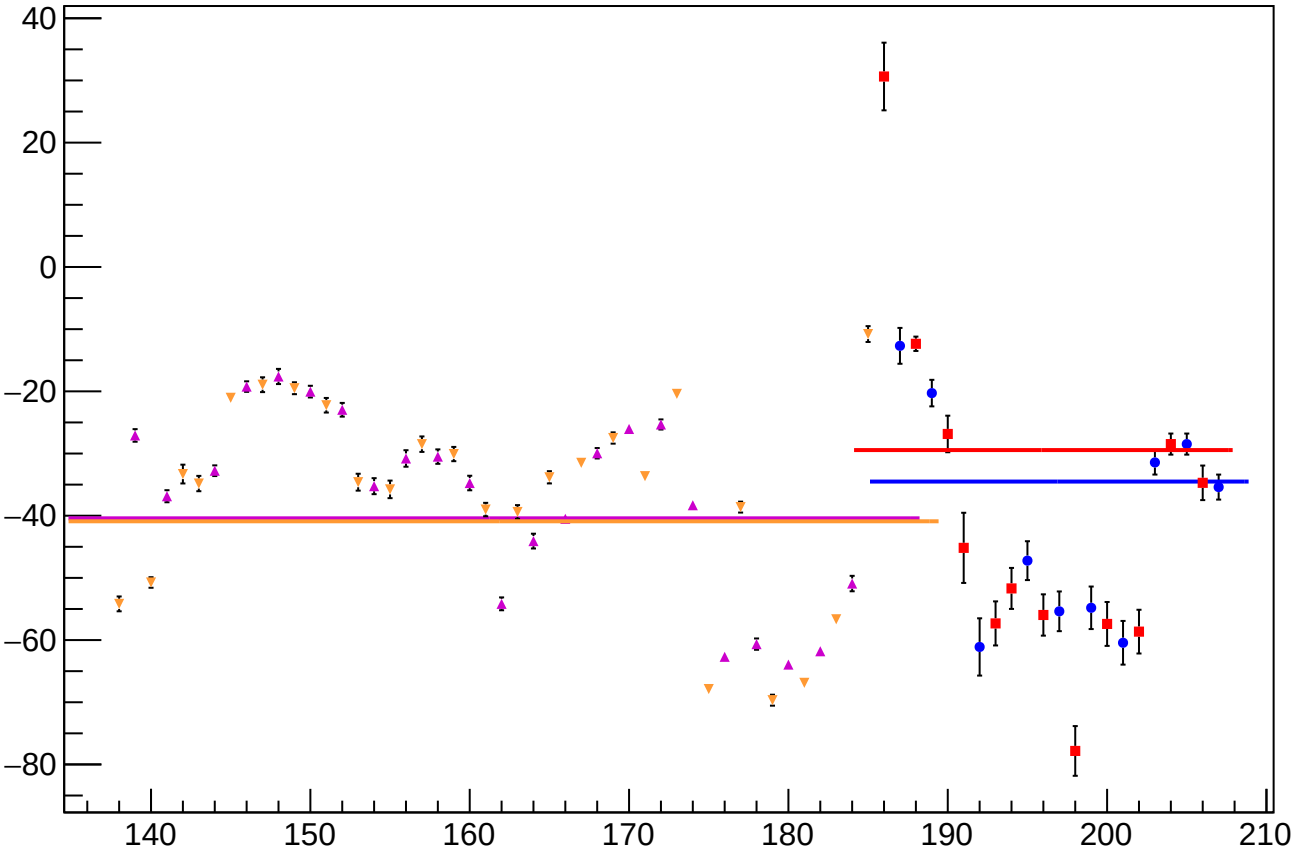
Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

+ sign -0.363+/-0.008 χ^2/NDF: 4059.8/51

All: -0.358+/-0.006 χ^2/NDF: 9852.7/104

- sign -0.352+/-0.009 χ^2/NDF: 5792.1/52

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -34.509+/-0.788 χ^2/NDF: 299.4/9

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -29.444+/-0.727 χ^2/NDF: 802.7/11

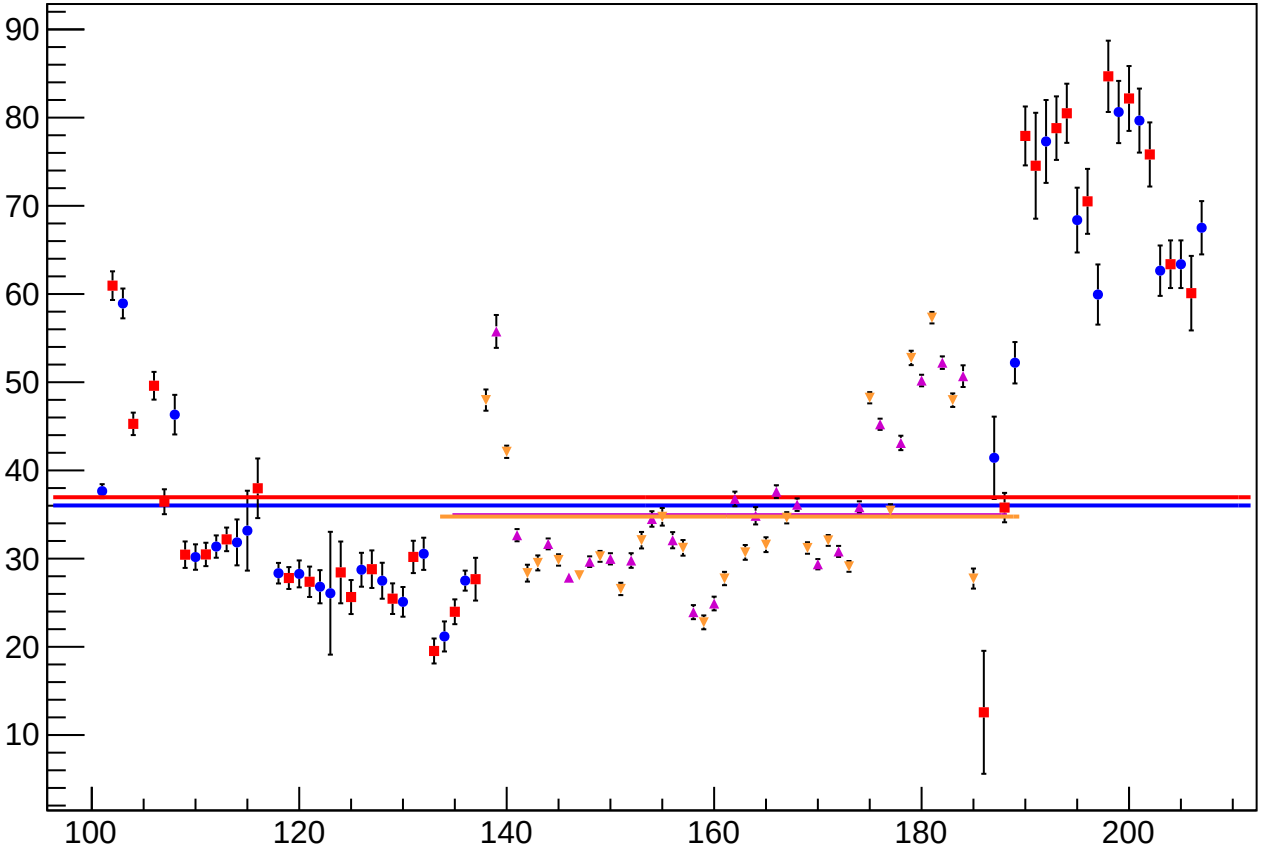
Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

+ sign -40.558+/-0.181 χ^2/NDF: 9476.4/34

All: -40.146+/-0.129 χ^2/NDF: 17533.4/69

- sign -39.727+/-0.183 χ^2/NDF: 8046.6/34

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 36.026+/-0.350 χ^2/NDF: 1407.8/26

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 36.959+/-0.352 χ^2/NDF: 1950.1/29

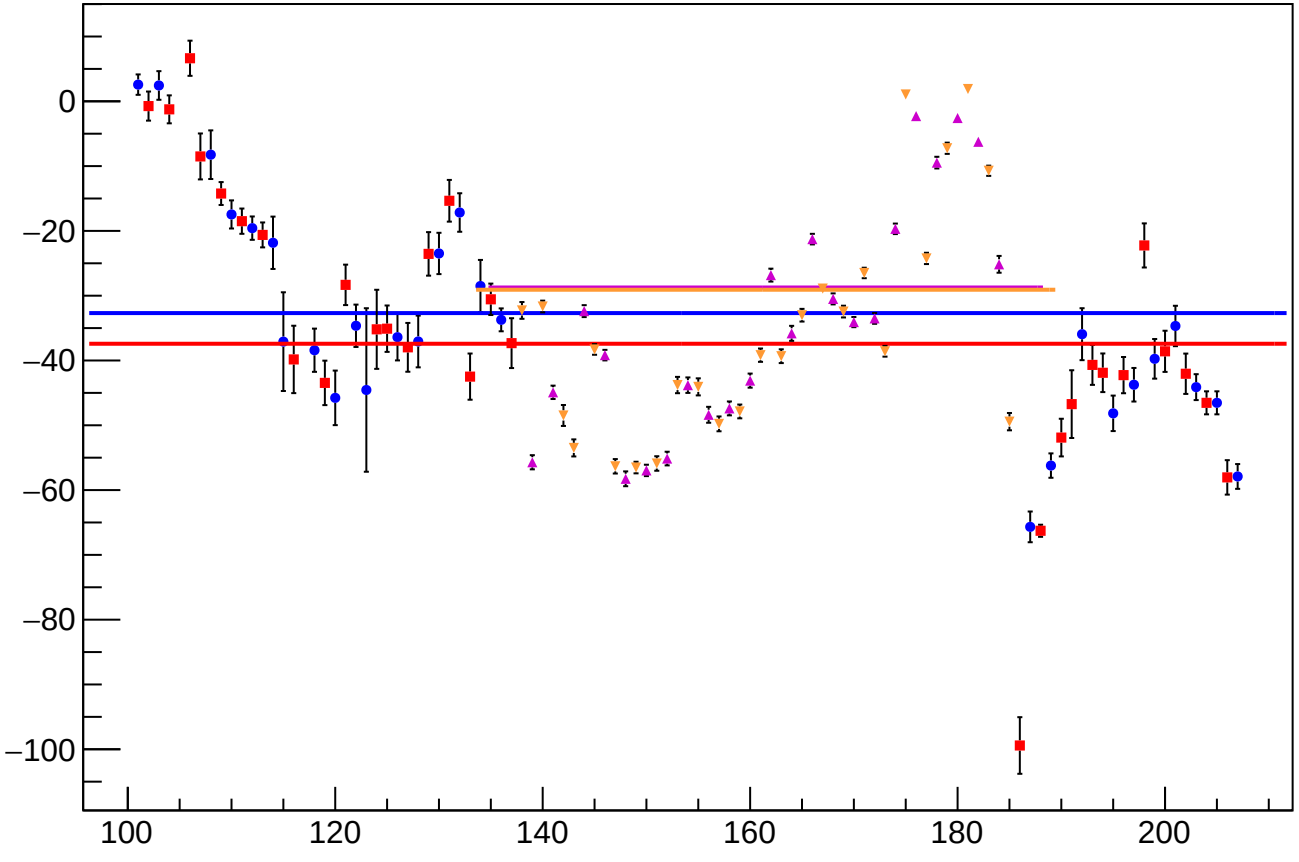
Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

+ sign 34.958+/-0.136 χ^2/NDF: 5096.1/51

All: 35.098+/-0.097 χ^2/NDF: 9764.9/104

- sign 35.244+/-0.139 χ^2/NDF: 4666.6/52

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -32.684+/-0.493 χ^2/NDF: 1634.0/26

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -37.417+/-0.455 χ^2/NDF: 2606.4/29

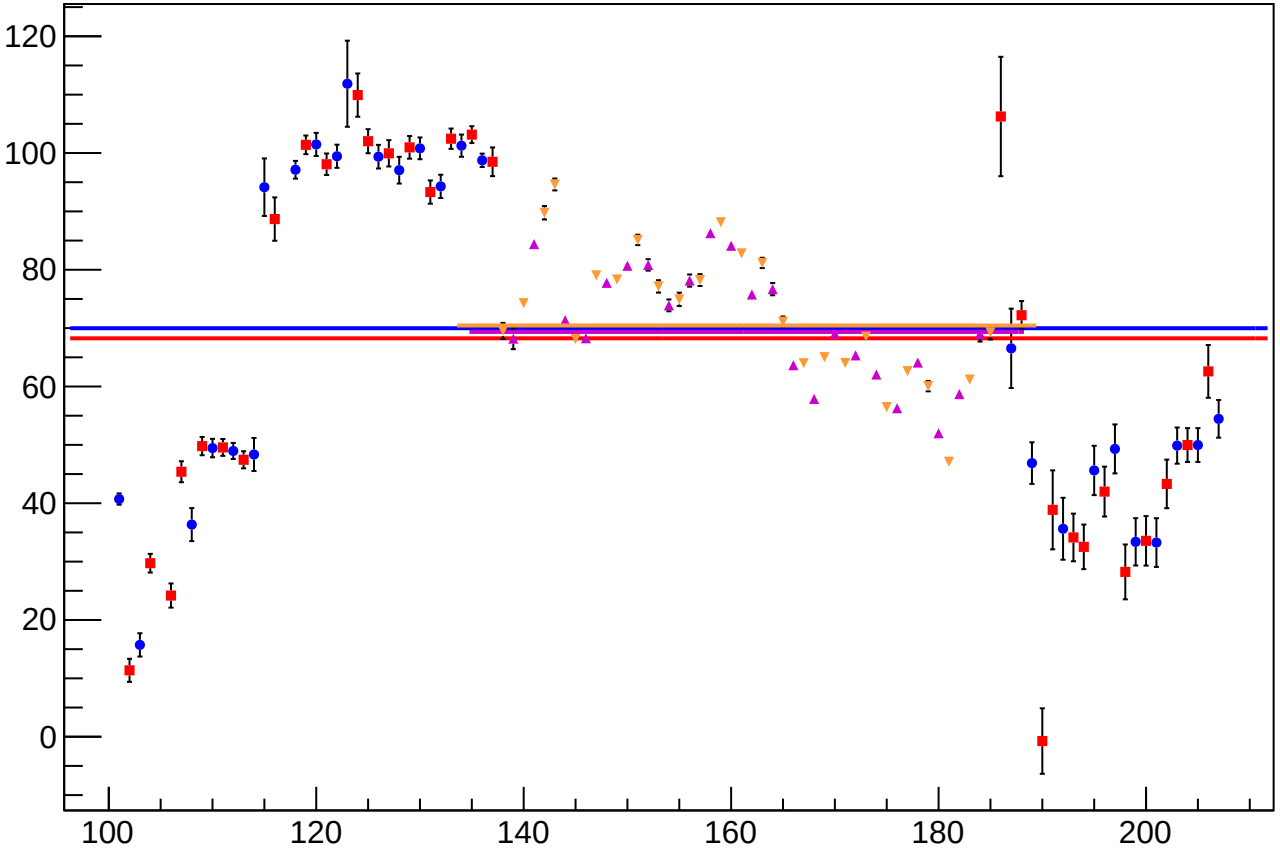
Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

+ sign -29.535+/-0.175 χ^2/NDF: 11740.1/51

All: -29.774+/-0.124 χ^2/NDF: 23816.3/104

- sign -30.012+/-0.174 χ^2/NDF: 12072.4/52

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 69.984+/-0.402 χ^2/NDF: 5197.5/26

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 68.254+/-0.407 χ^2/NDF: 6012.1/29

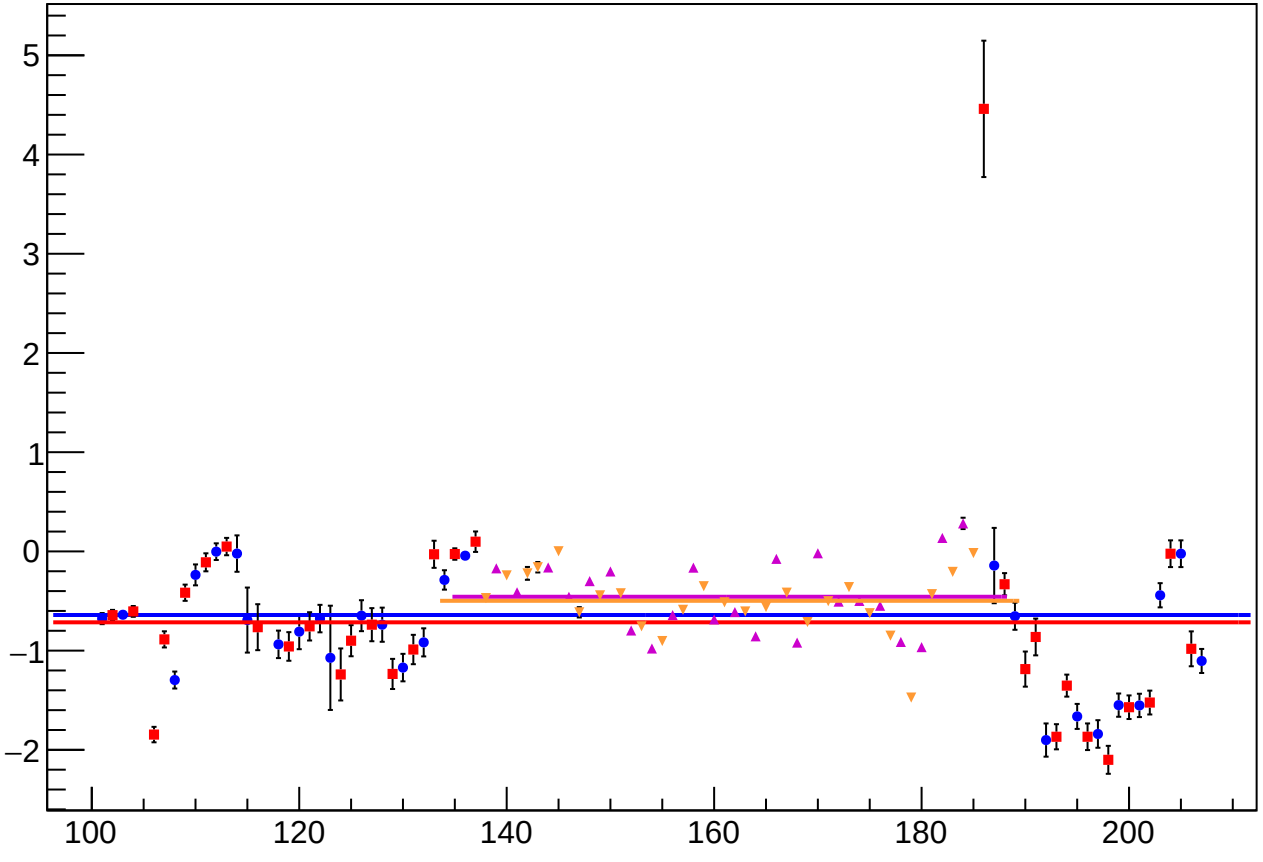
Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

+ sign 70.381+/-0.154 χ^2/NDF: 9683.3/51

All: 69.795+/-0.110 χ^2/NDF: 19061.9/104

- sign 69.188+/-0.157 χ^2/NDF: 9349.1/52

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.641+/-0.020 χ^2/NDF: 700.9/26

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.715+/-0.019 χ^2/NDF: 1096.4/29

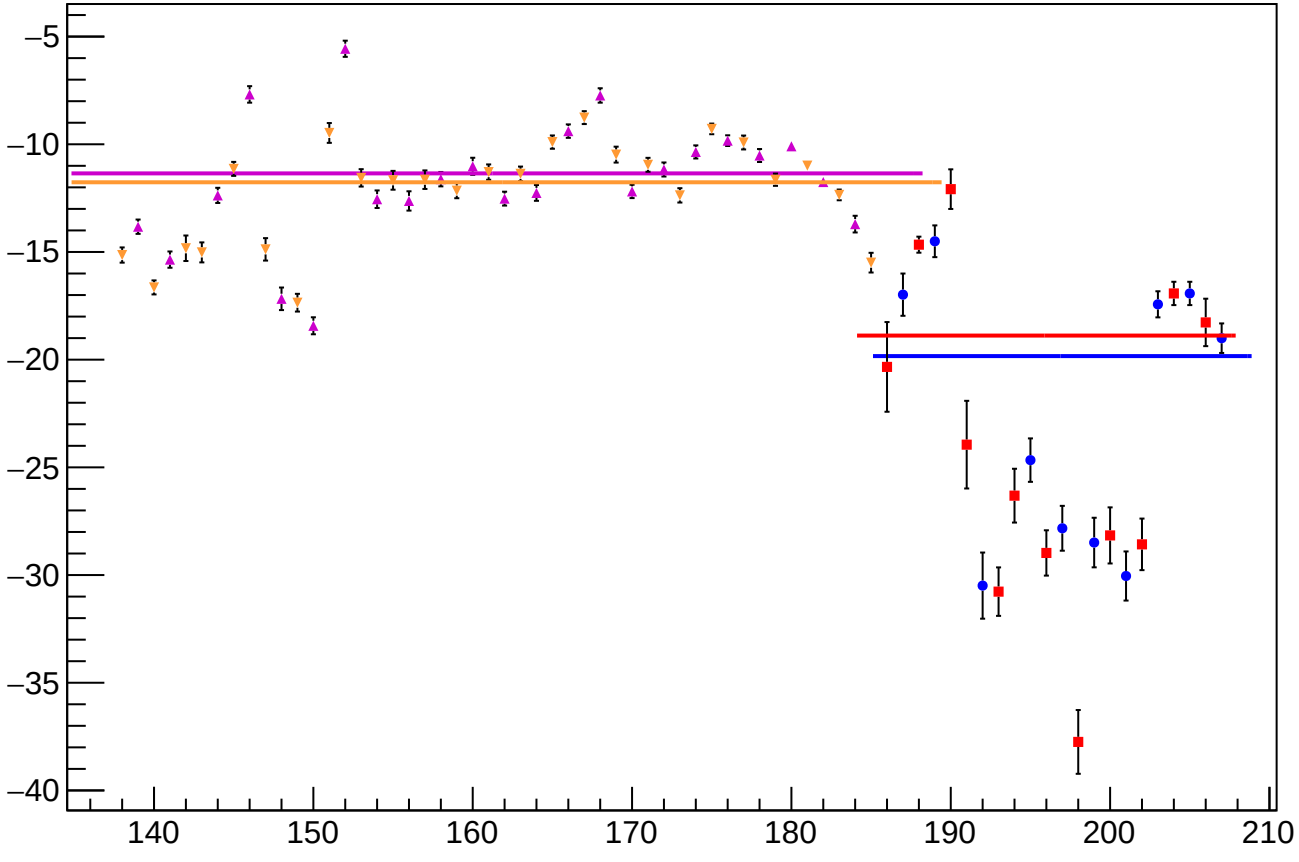
Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

+ sign -0.516+/-0.007 χ^2/NDF: 2187.2/51

All: -0.505+/-0.005 χ^2/NDF: 5422.4/104

- sign -0.493+/-0.007 χ^2/NDF: 3229.9/52

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -19.834+/-0.258 χ^2/NDF: 373.6/9

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -18.881+/-0.241 χ^2/NDF: 721.1/11

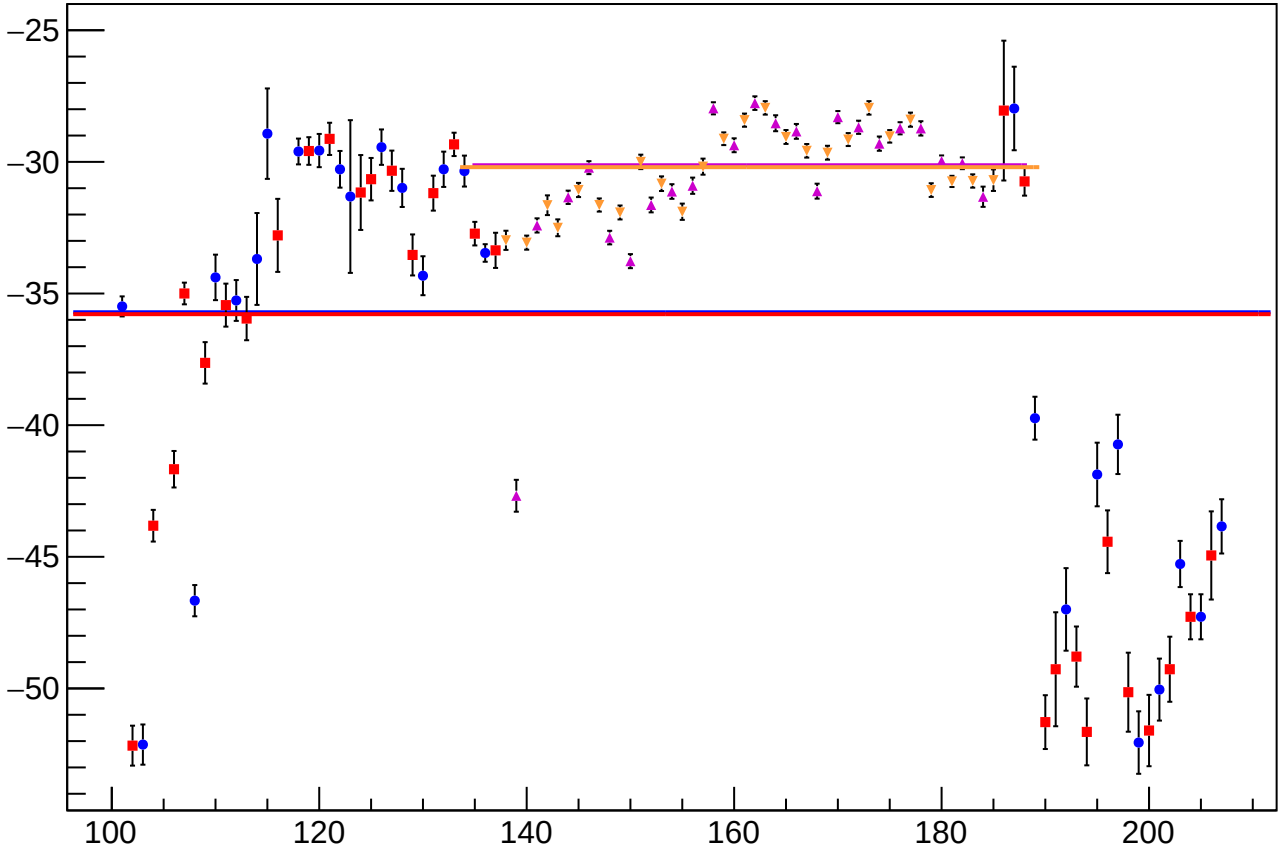
Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

+ sign -12.270+/-0.065 χ^2/NDF: 2315.1/34

All: -12.088+/-0.046 χ^2/NDF: 5236.4/69

- sign -11.902+/-0.065 χ^2/NDF: 2905.2/34

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -35.712+/-0.138 χ^2/NDF: 2311.2/26

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -35.784+/-0.136 χ^2/NDF: 2678.0/29

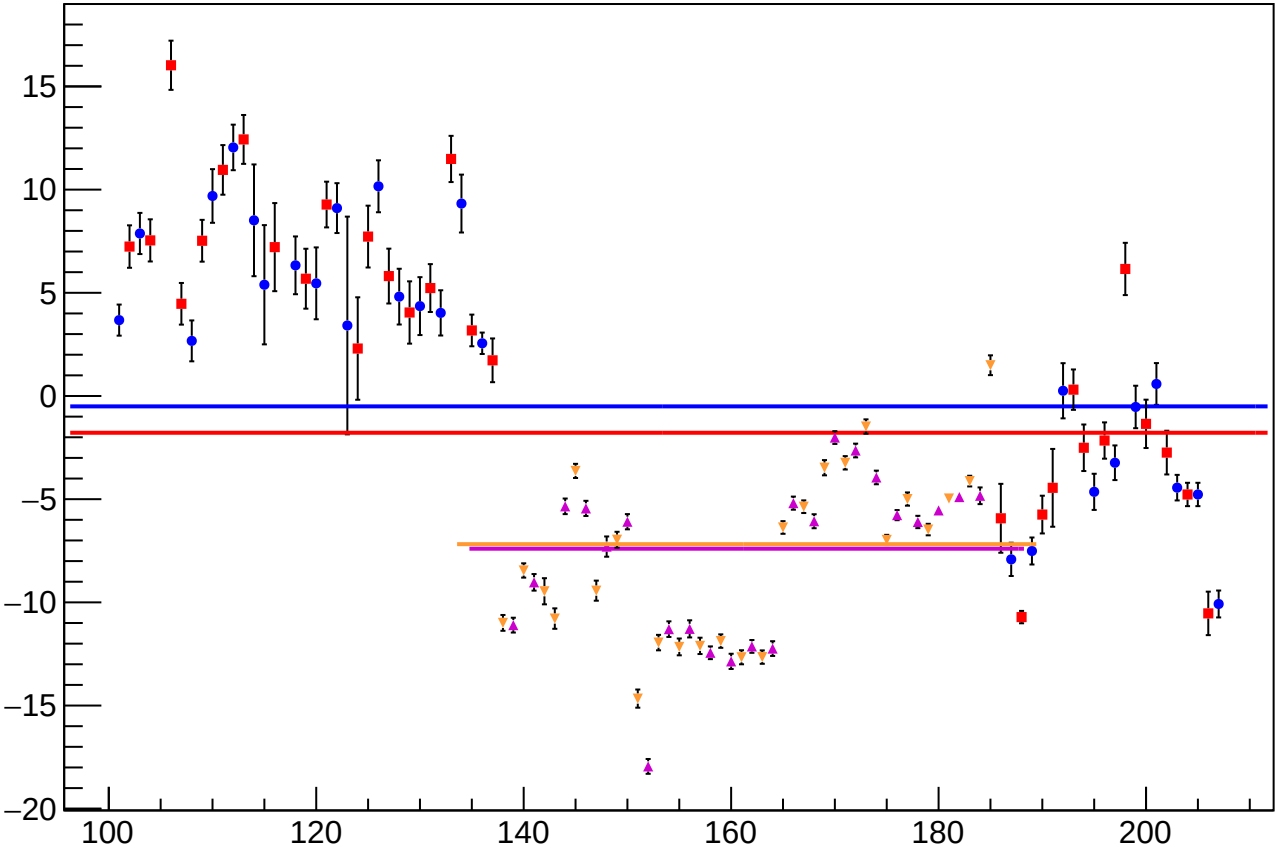
Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

+ sign -30.936+/-0.050 χ^2/NDF: 4428.5/51

All: -30.934+/-0.036 χ^2/NDF: 9880.5/104

- sign -30.932+/-0.051 χ^2/NDF: 5452.0/52

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -0.503+/-0.180 χ^2/NDF: 1163.9/26

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.781+/-0.168 χ^2/NDF: 2280.7/29

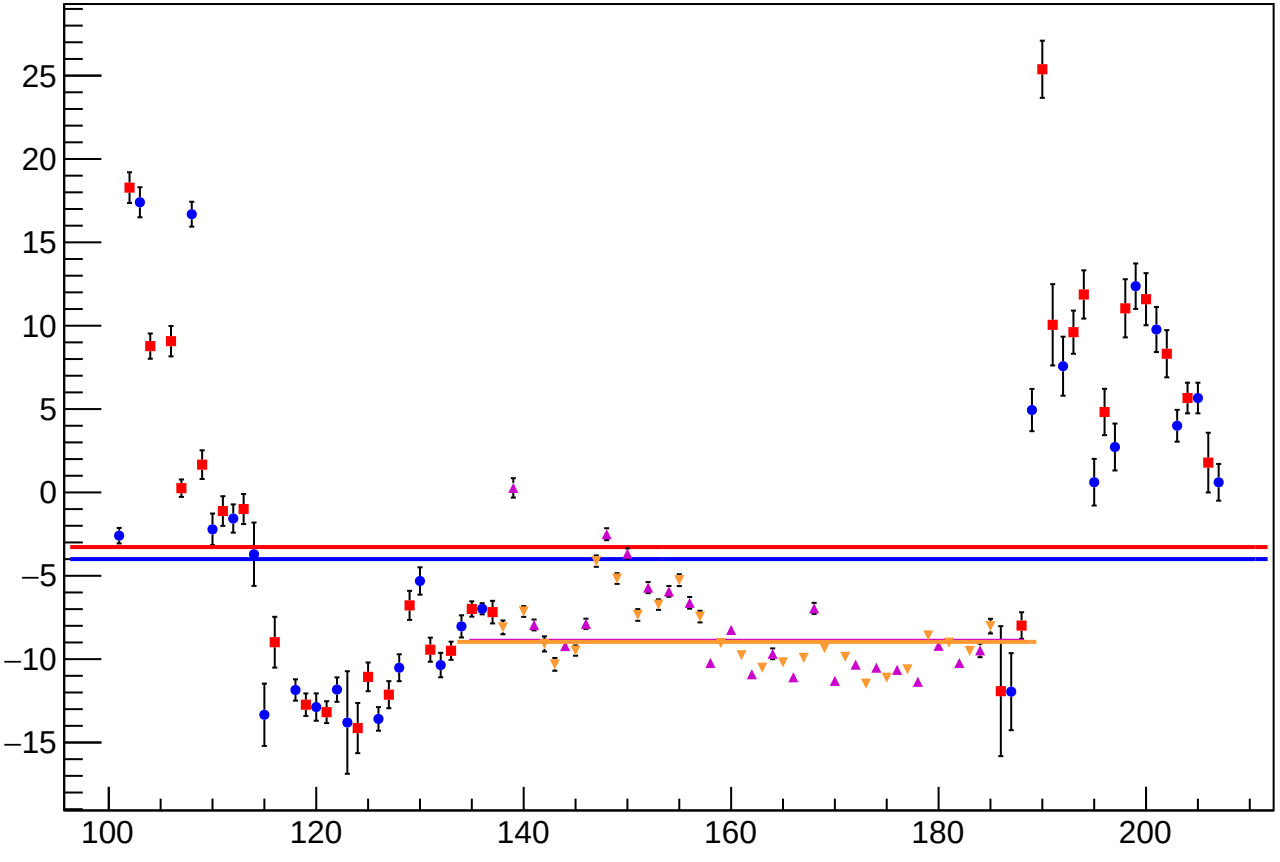
Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

+ sign -6.367+/-0.063 χ^2/NDF: 5390.4/51

All: -6.491+/-0.044 χ^2/NDF: 11779.4/104

- sign -6.616+/-0.063 χ^2/NDF: 6381.1/52

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -3.999+/-0.156 χ^2/NDF: 2792.8/26

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -3.277+/-0.158 χ^2/NDF: 3005.1/29

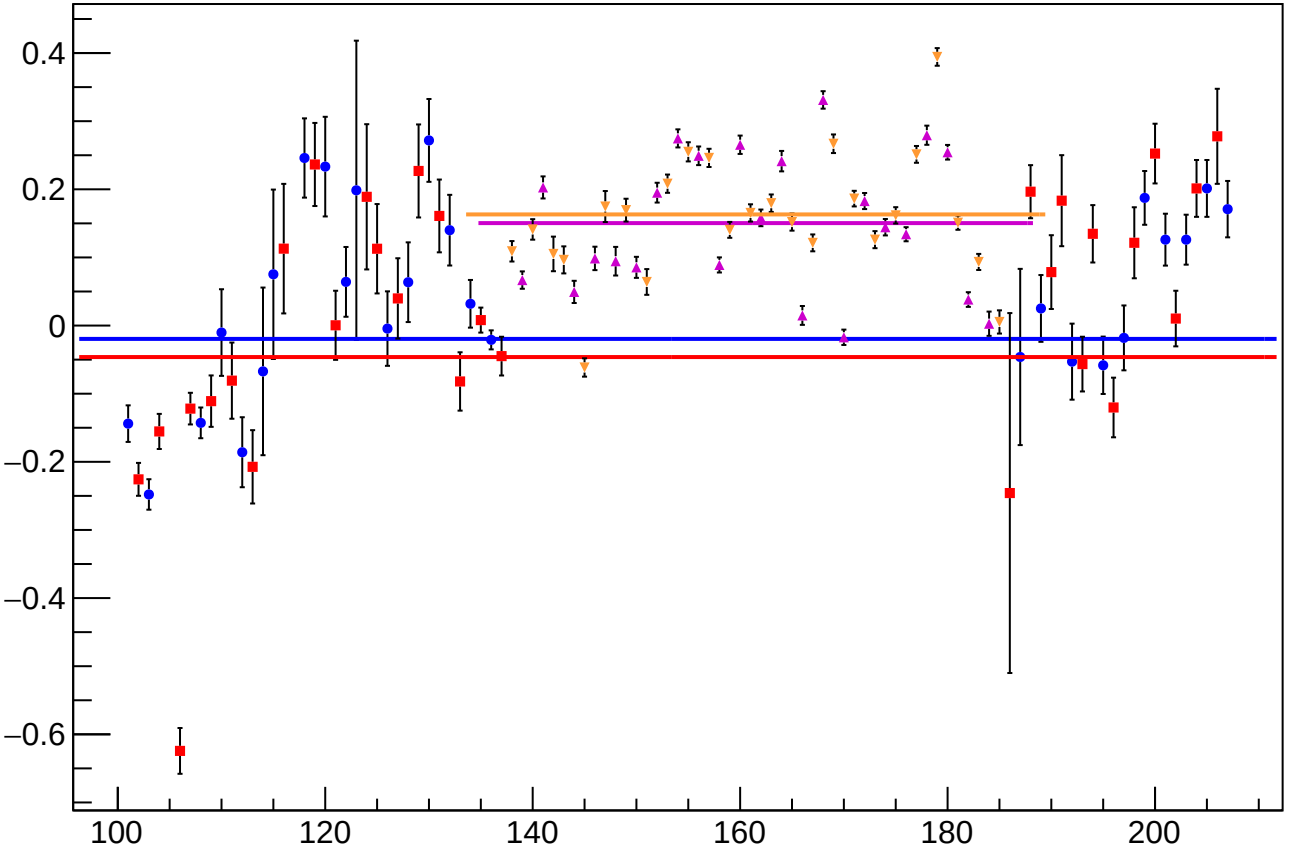
Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

+ sign -8.322+/-0.056 χ^2/NDF: 4549.2/51

All: -8.243+/-0.040 χ^2/NDF: 10237.1/104

- sign -8.161+/-0.057 χ^2/NDF: 5684.0/52

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.020+/-0.007 χ^2/NDF: 349.2/26

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.046+/-0.007 χ^2/NDF: 663.8/29

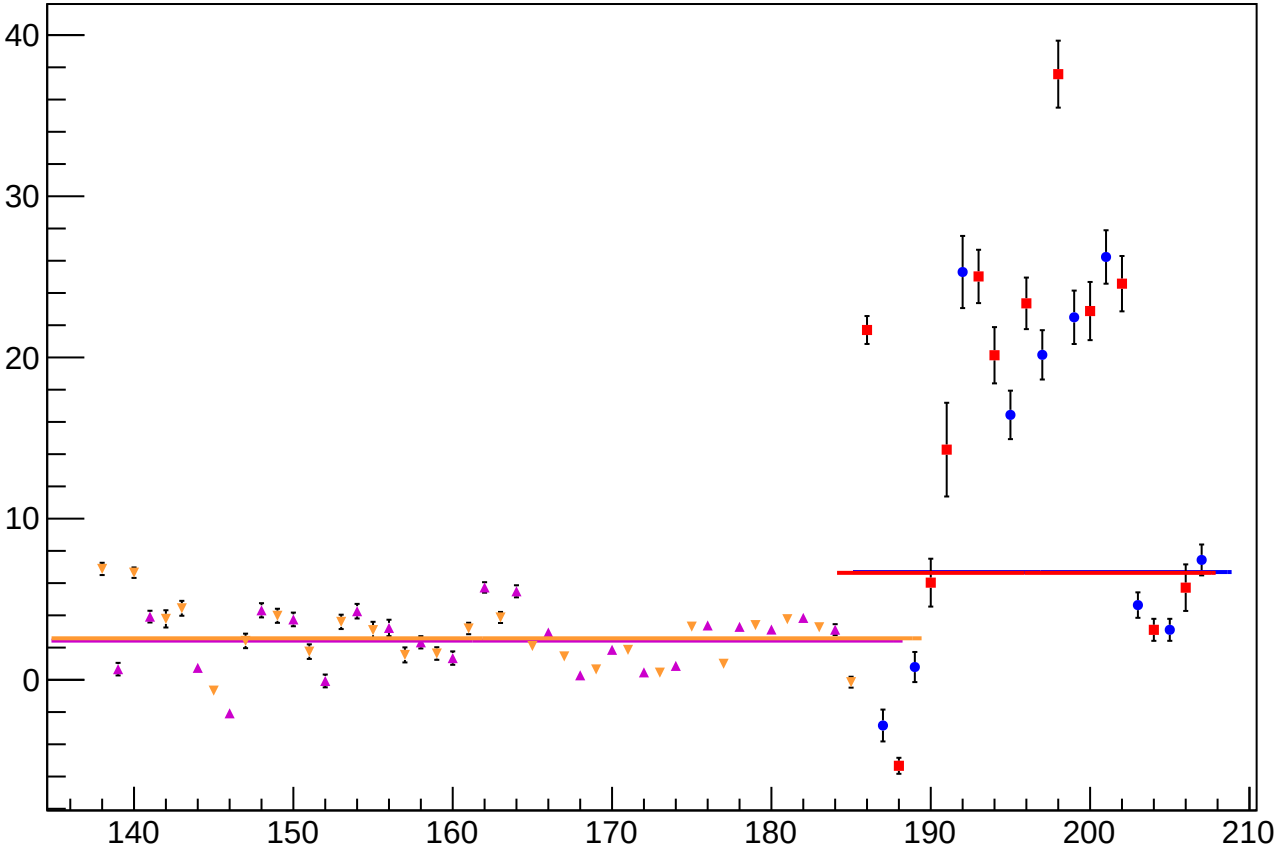
Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

+ sign 0.140+/-0.003 χ^2/NDF: 1922.4/51

All: 0.133+/-0.002 χ^2/NDF: 4548.6/104

- sign 0.125+/-0.003 χ^2/NDF: 2609.5/52

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 6.687+/-0.337 χ^2/NDF: 586.2/9

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 6.637+/-0.308 χ^2/NDF: 1623.0/11

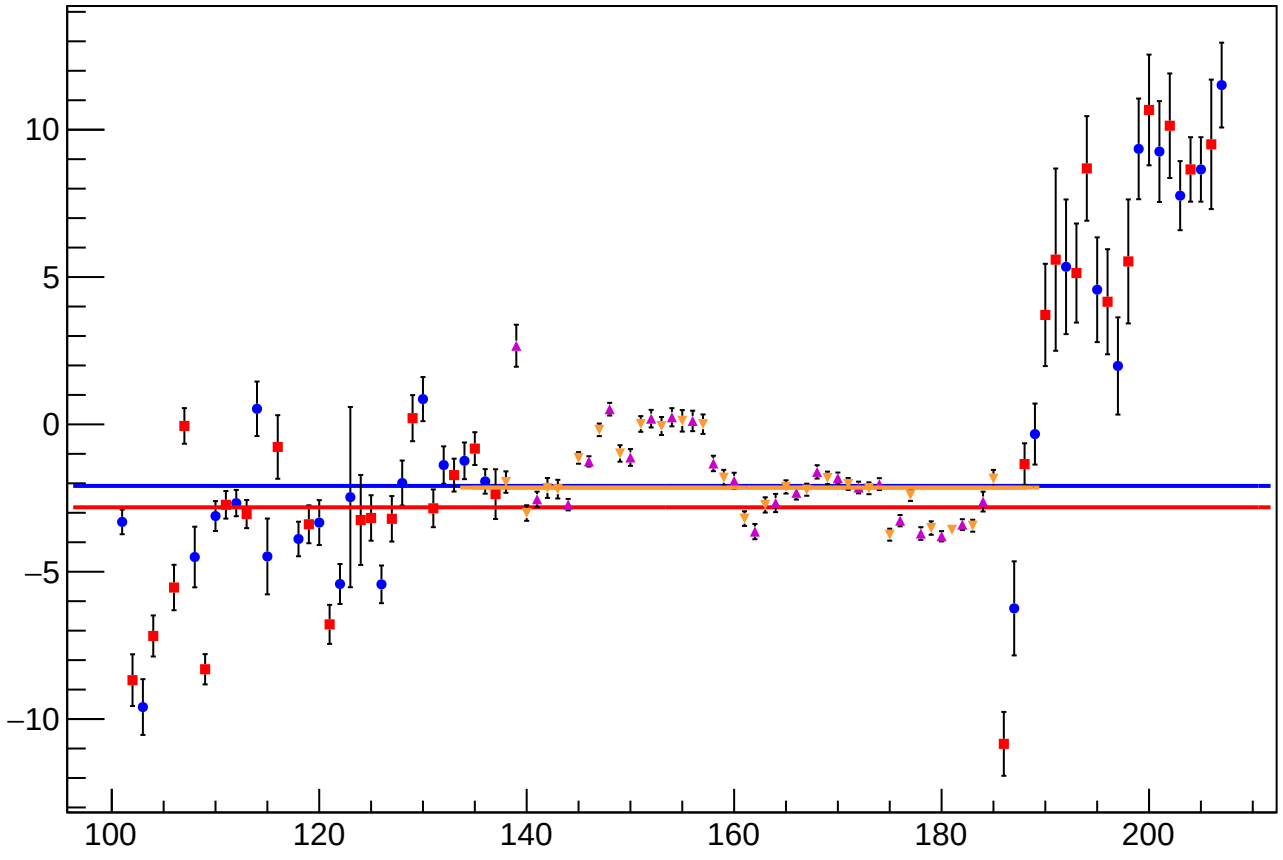
Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

+ sign 2.695+/-0.057 χ^2/NDF: 1598.8/34

All: 2.639+/-0.041 χ^2/NDF: 4286.4/69

- sign 2.583+/-0.058 χ^2/NDF: 2685.7/34

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.088+/-0.146 χ^2/NDF: 561.9/26

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -2.814+/-0.144 χ^2/NDF: 726.9/29

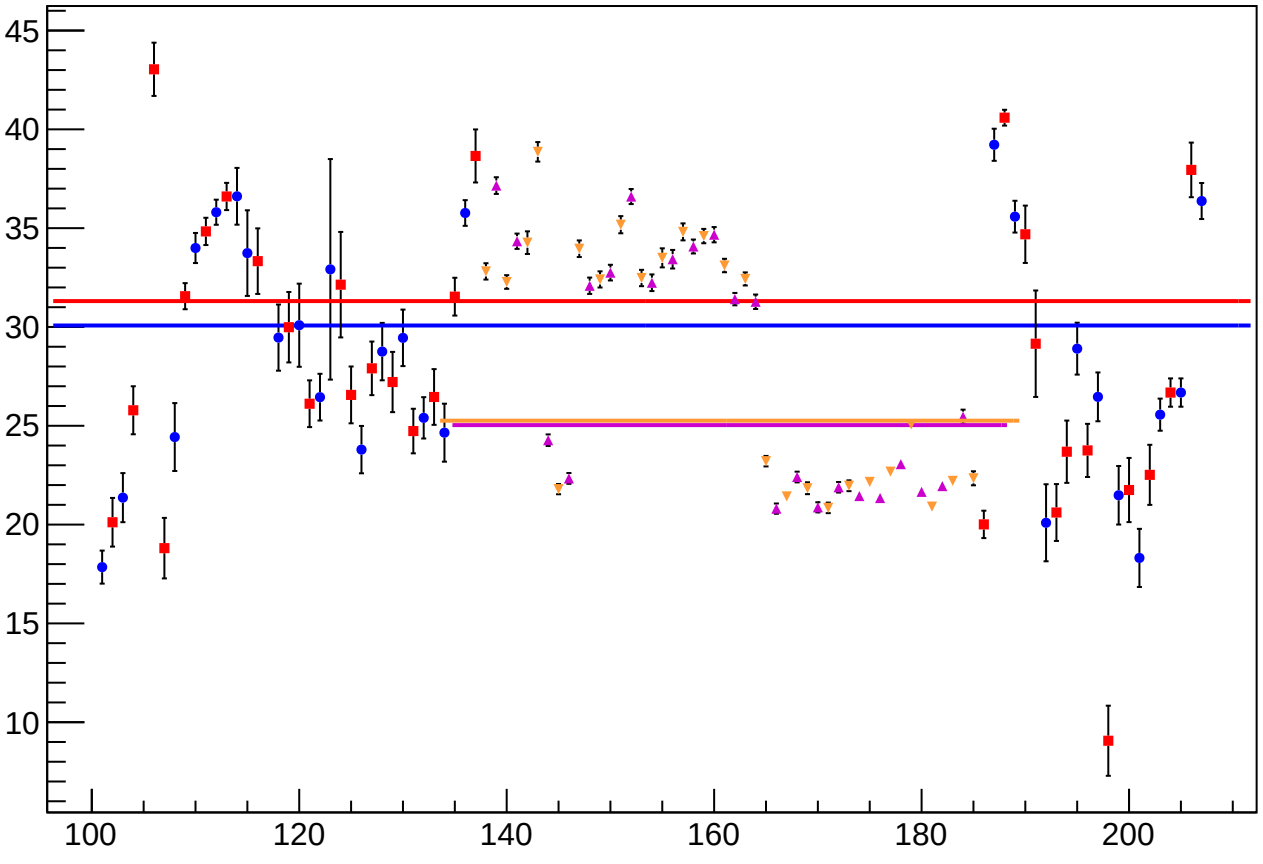
Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

+ sign -2.139+/-0.045 χ^2/NDF: 1134.6/51

All: -2.172+/-0.032 χ^2/NDF: 2575.8/104

- sign -2.205+/-0.046 χ^2/NDF: 1440.2/52

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.074+/-0.203 χ^2/NDF: 962.3/26

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.310+/-0.187 χ^2/NDF: 1662.7/29

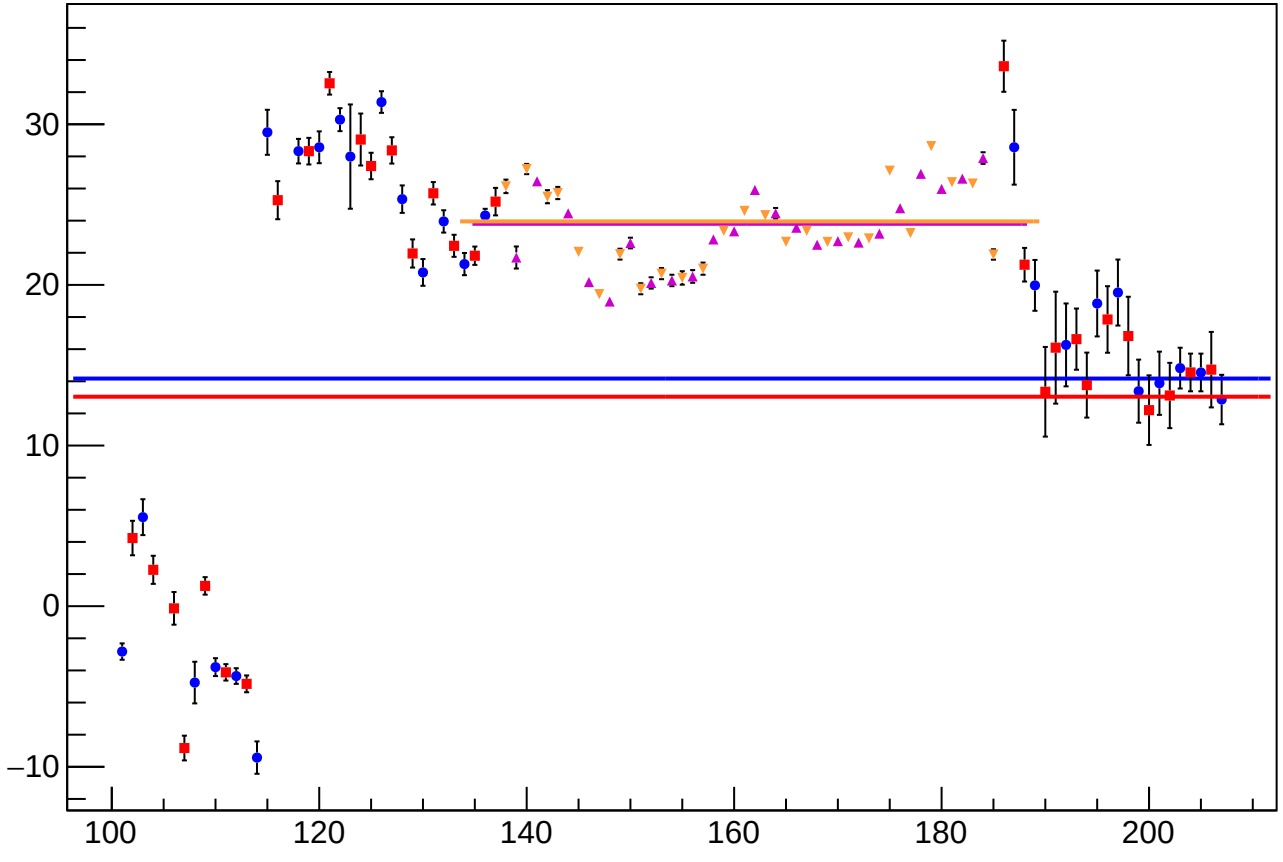
Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

+ sign 25.631+/-0.057 χ^2/NDF: 9615.8/51

All: 25.621+/-0.040 χ^2/NDF: 19995.8/104

- sign 25.611+/-0.057 χ^2/NDF: 10379.9/52

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.170+/-0.164 χ^2/NDF: 7459.2/26

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 13.040+/-0.165 χ^2/NDF: 7218.3/29

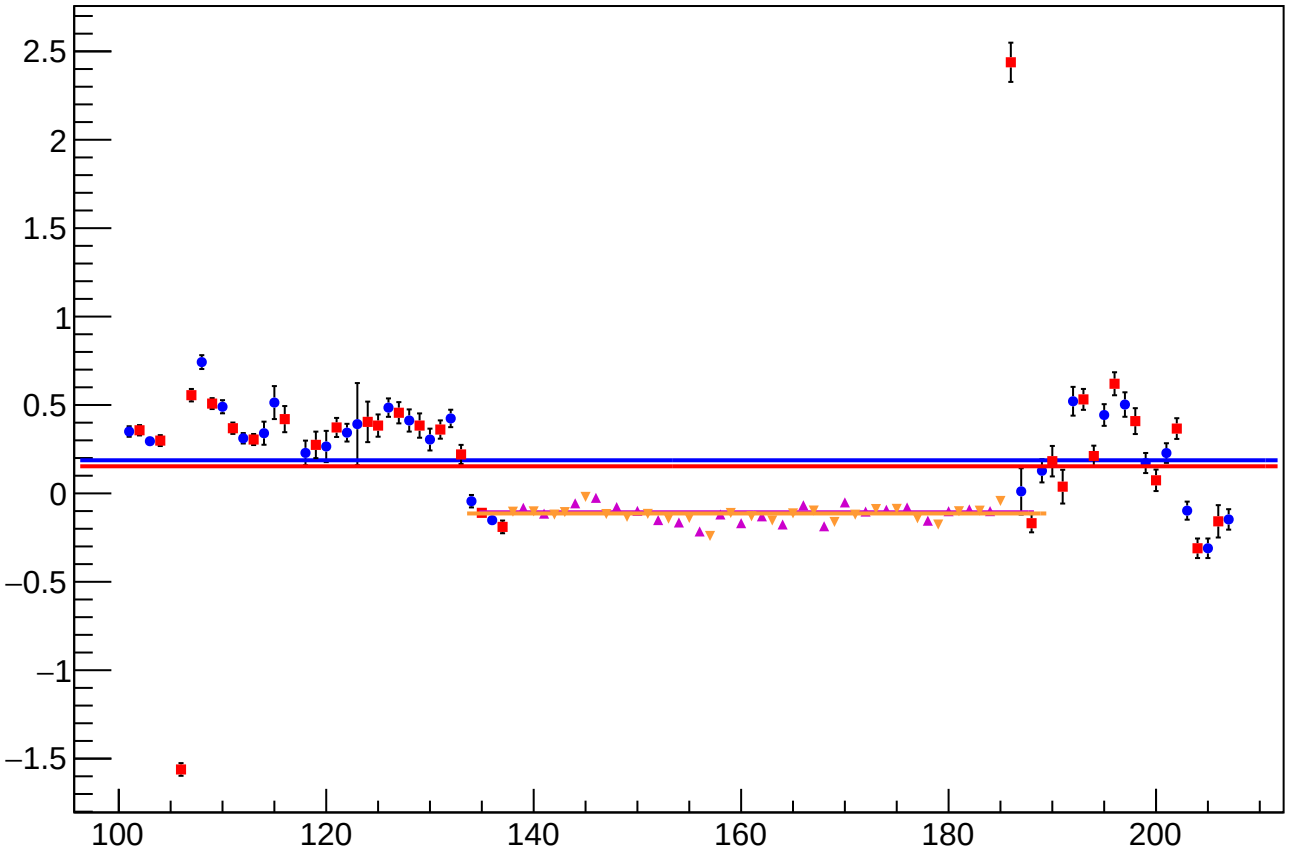
Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

+ sign 23.018+/-0.051 χ^2/NDF: 12605.0/51

All: 22.892+/-0.036 χ^2/NDF: 25458.6/104

- sign 22.763+/-0.051 χ^2/NDF: 12841.0/52

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.187+/-0.008 χ^2/NDF: 1053.4/26

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.153+/-0.008 χ^2/NDF: 3678.3/29

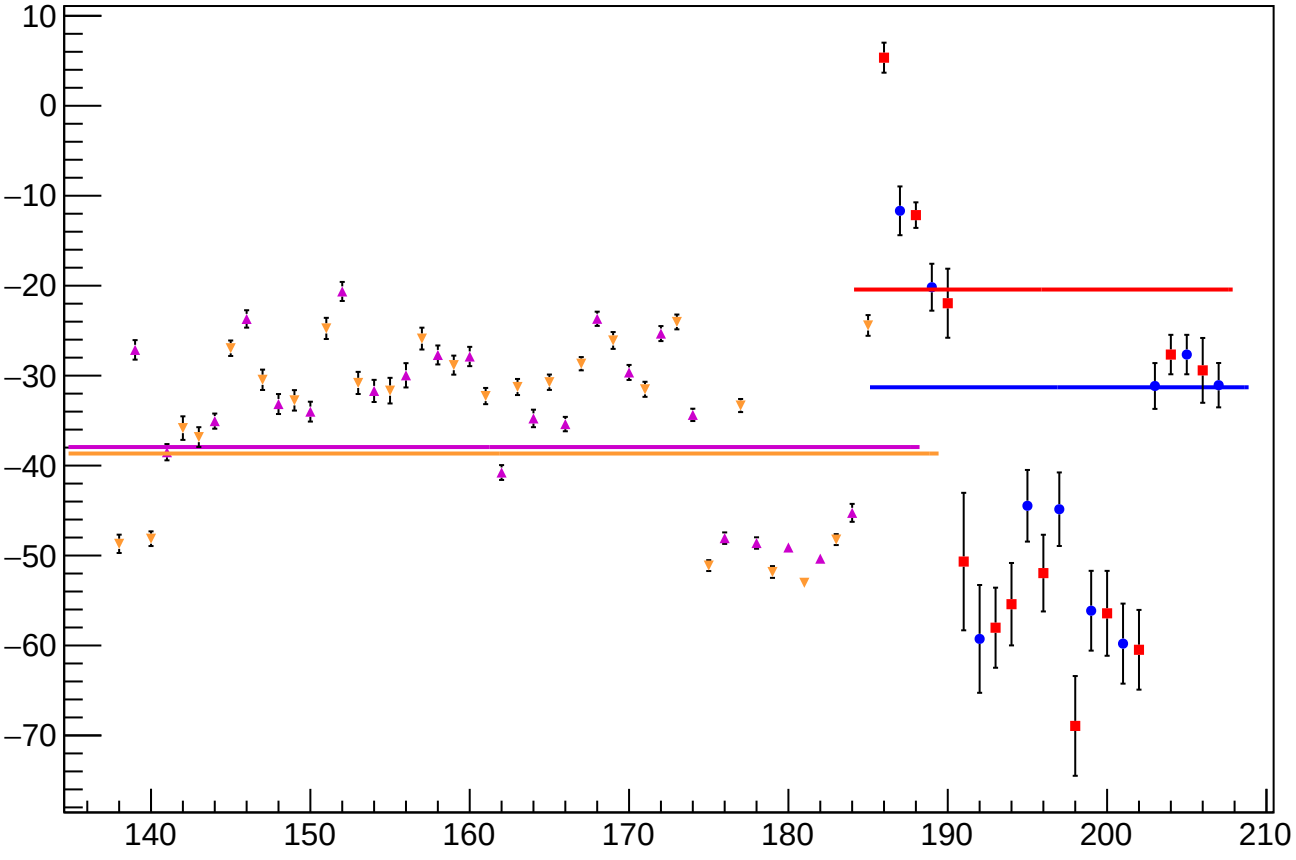
Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

+ sign -0.091+/-0.002 χ^2/NDF: 2513.1/51

All: -0.088+/-0.002 χ^2/NDF: 7415.5/104

- sign -0.086+/-0.002 χ^2/NDF: 4900.1/52

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -31.295+/-0.970 χ^2/NDF: 189.4/9

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -20.429+/-0.815 χ^2/NDF: 705.9/11

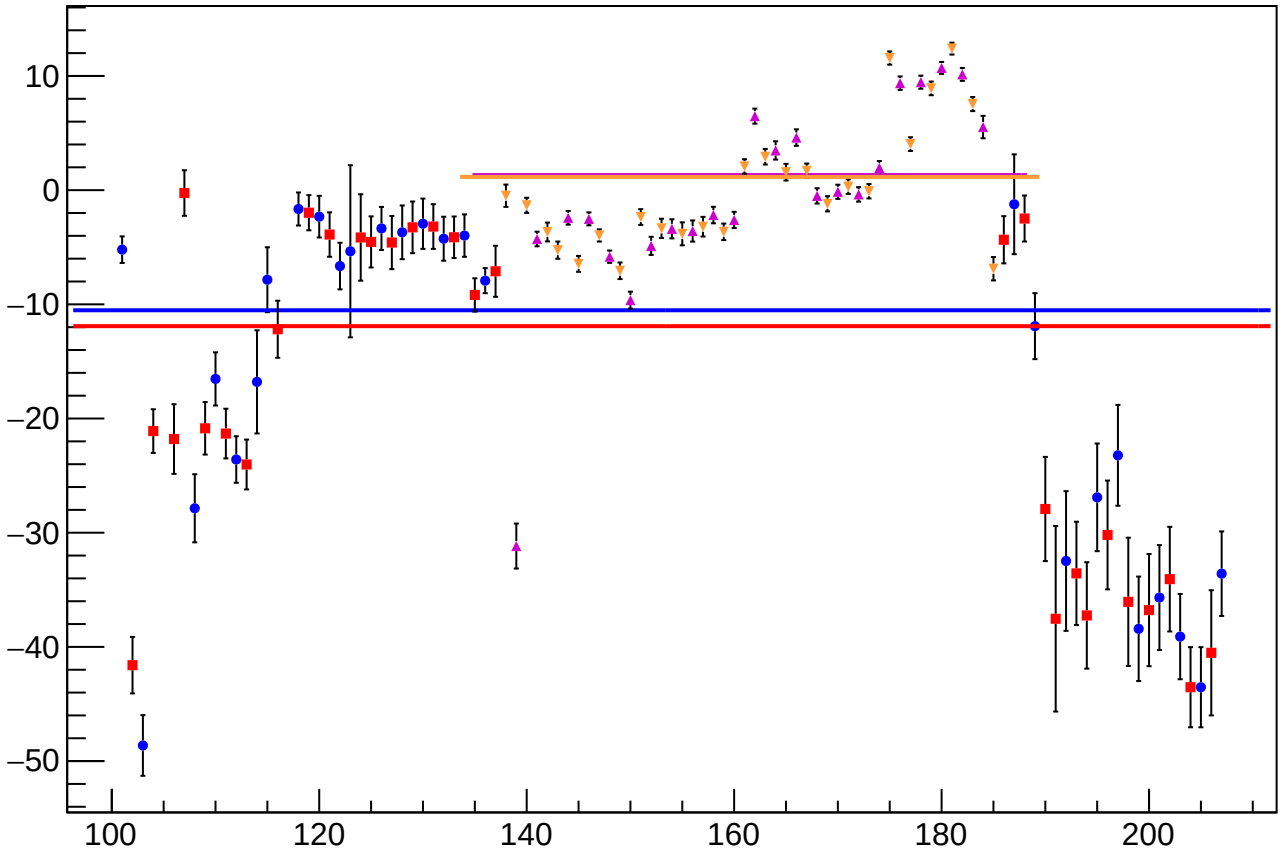
Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

+ sign -38.442+/-0.167 χ^2/NDF: 4319.2/34

All: -37.823+/-0.119 χ^2/NDF: 8628.1/69

- sign -37.188+/-0.169 χ^2/NDF: 4281.0/34

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -10.519+/-0.434 χ^2/NDF: 727.2/26

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -11.911+/-0.445 χ^2/NDF: 721.5/29

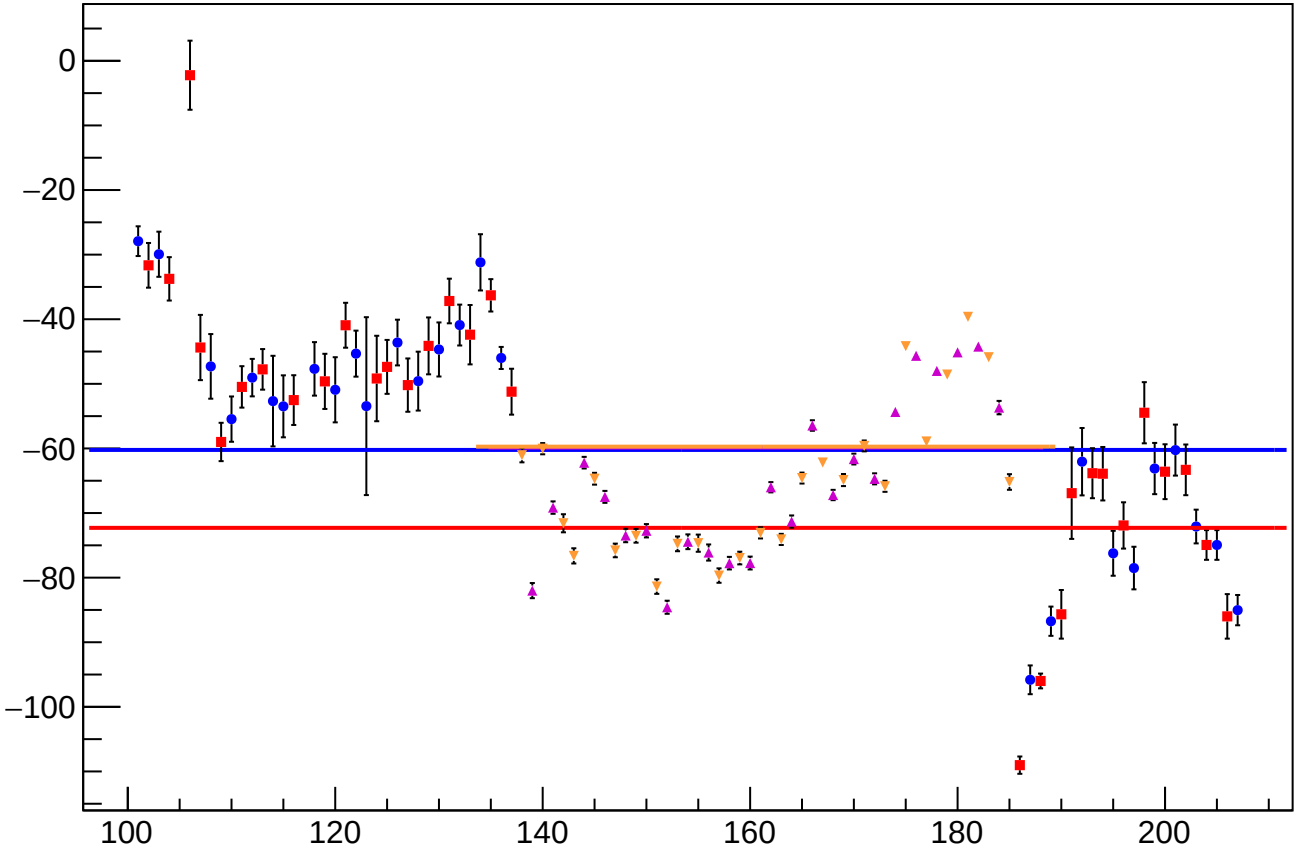
Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

+ sign 0.116+/-0.130 χ^2/NDF: 3171.7/51

All: 0.125+/-0.093 χ^2/NDF: 6778.9/104

- sign 0.135+/-0.133 χ^2/NDF: 3607.2/52

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -60.231+/-0.610 χ^2/NDF: 1140.2/26

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.294+/-0.544 χ^2/NDF: 2484.0/29

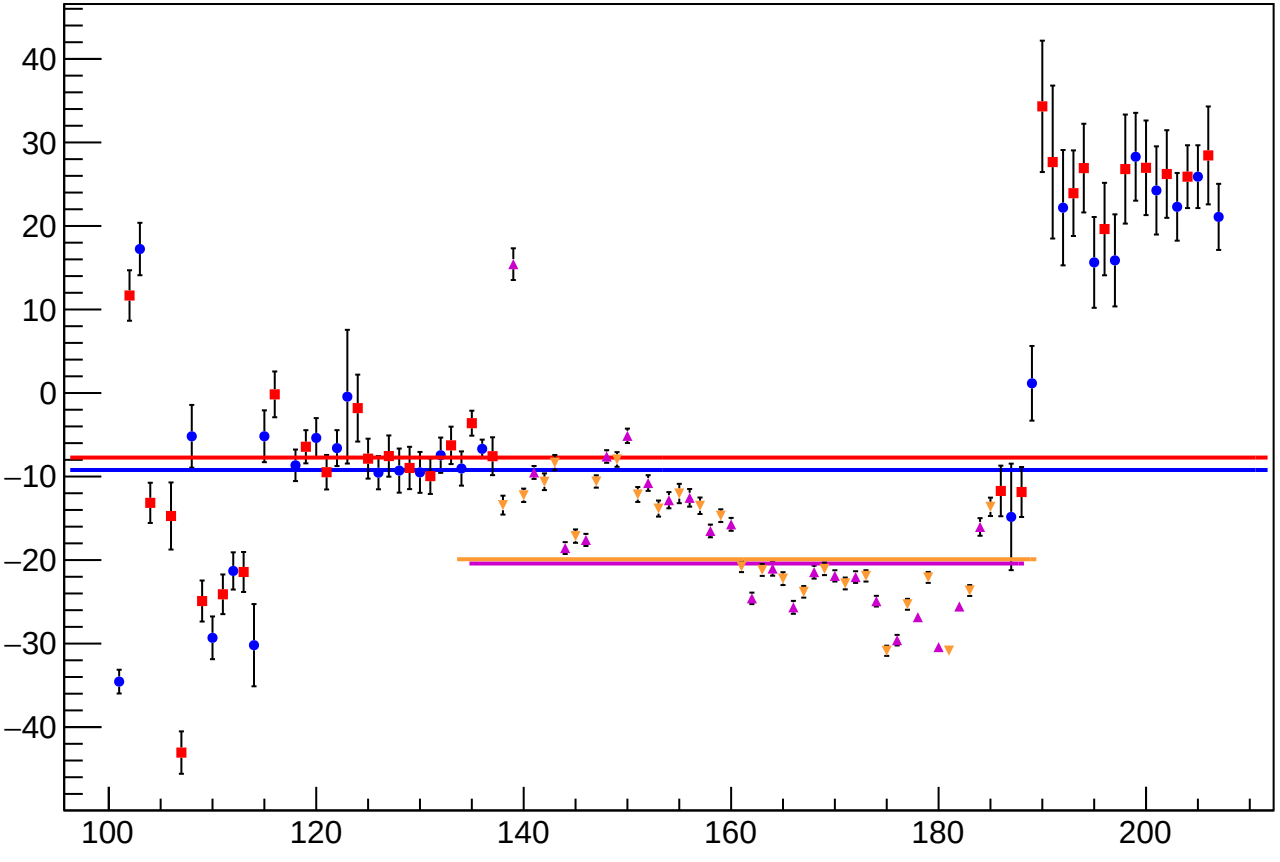
Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

+ sign -59.761+/-0.164 χ^2/NDF: 6930.6/51

All: -60.379+/-0.116 χ^2/NDF: 15192.1/104

- sign -61.001+/-0.165 χ^2/NDF: 8233.0/52

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -9.216+/-0.492 χ^2/NDF: 878.0/26

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -7.727+/-0.513 χ^2/NDF: 770.1/29

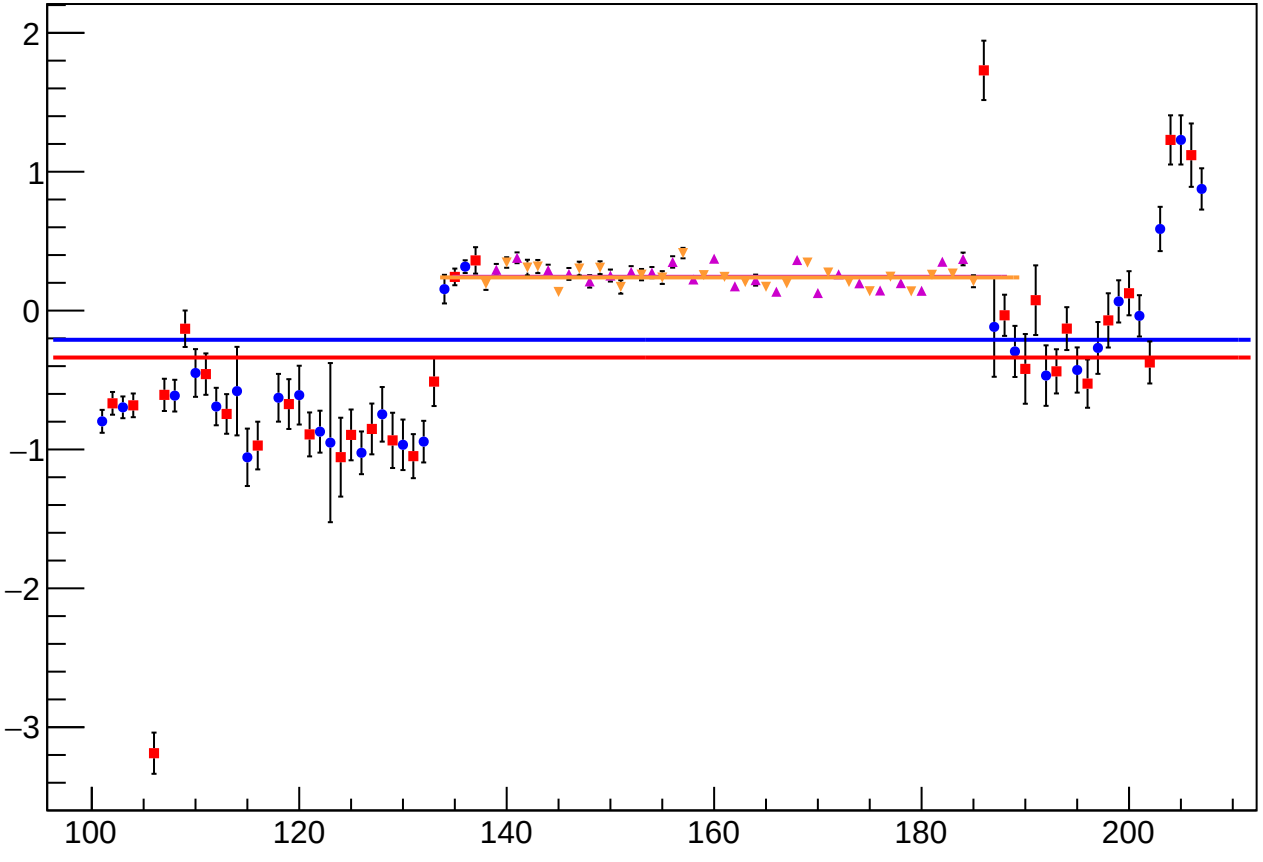
Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

+ sign -18.958+/-0.146 χ^2/NDF: 3212.9/51

All: -19.143+/-0.104 χ^2/NDF: 6891.4/104

- sign -19.336+/-0.149 χ^2/NDF: 3675.2/52

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.210+/-0.025 χ^2/NDF: 537.6/26

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.338+/-0.025 χ^2/NDF: 882.0/29

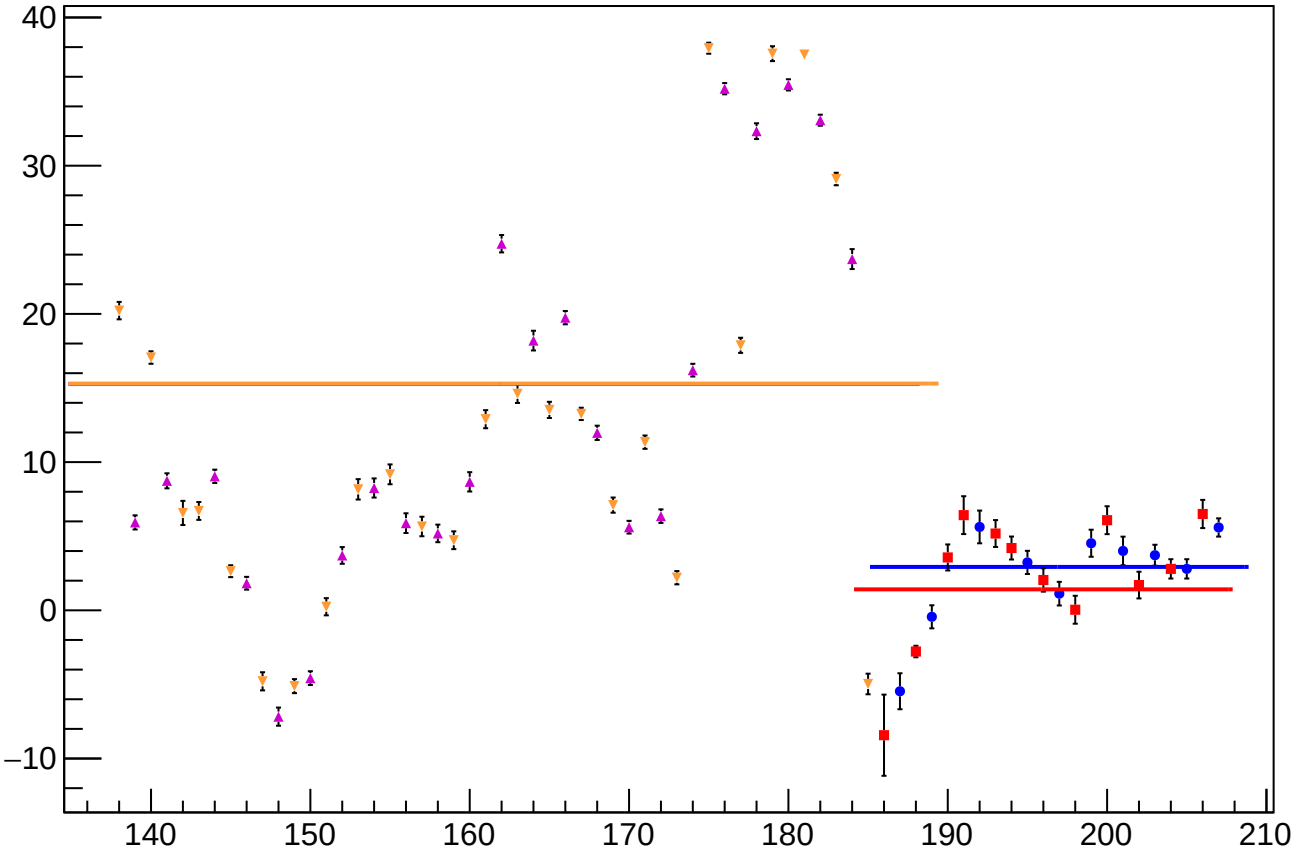
Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

+ sign 0.205+/-0.007 χ^2/NDF: 938.8/51

All: 0.202+/-0.005 χ^2/NDF: 2458.5/104

- sign 0.200+/-0.007 χ^2/NDF: 1519.4/52

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 2.928+/-0.253 χ^2/NDF: 102.0/9

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 1.415+/-0.223 χ^2/NDF: 241.3/11

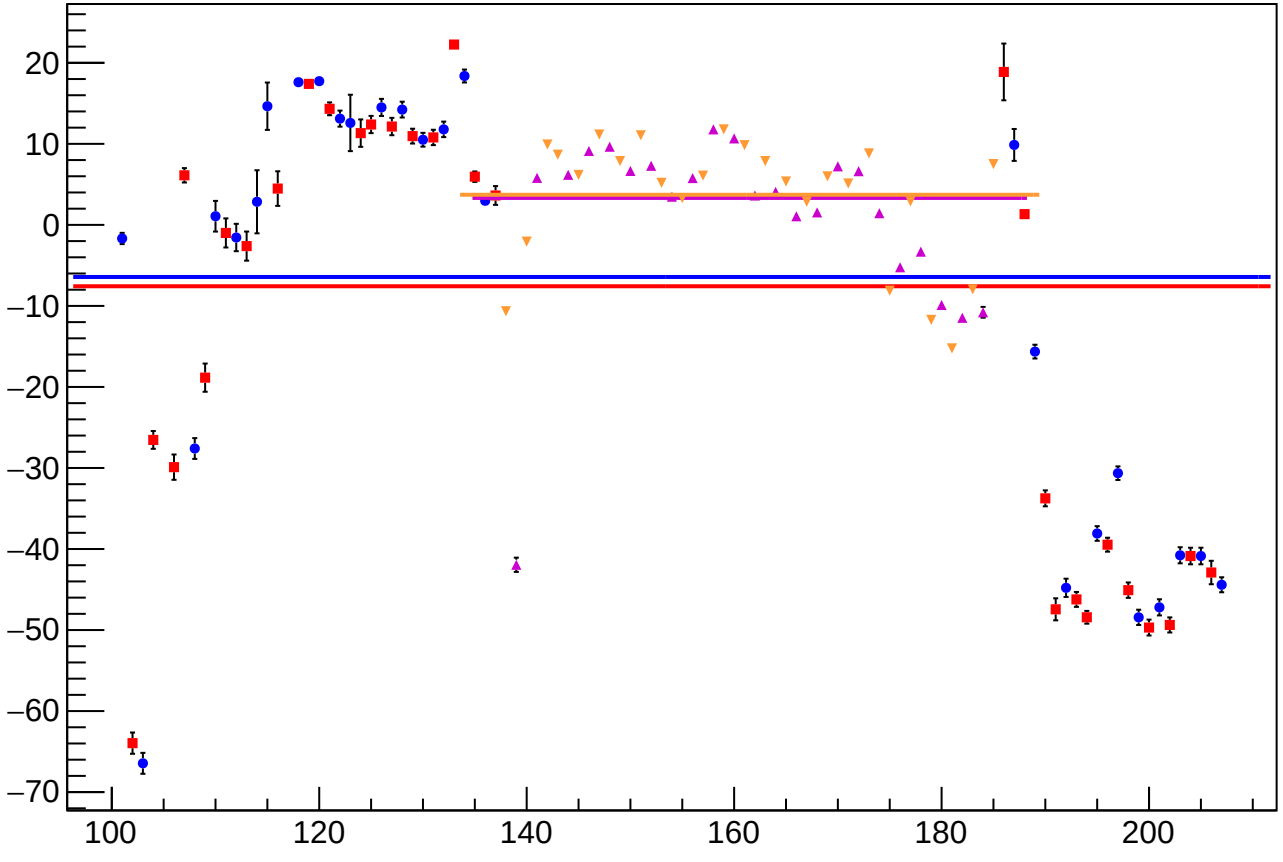
Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

+ sign 13.606+/-0.094 χ^2/NDF: 21302.3/34

All: 13.234+/-0.066 χ^2/NDF: 41169.7/69

- sign 12.868+/-0.093 χ^2/NDF: 19836.0/34

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.428+/-0.177 χ^2/NDF: 20976.0/26

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -7.574+/-0.168 χ^2/NDF: 26810.5/29

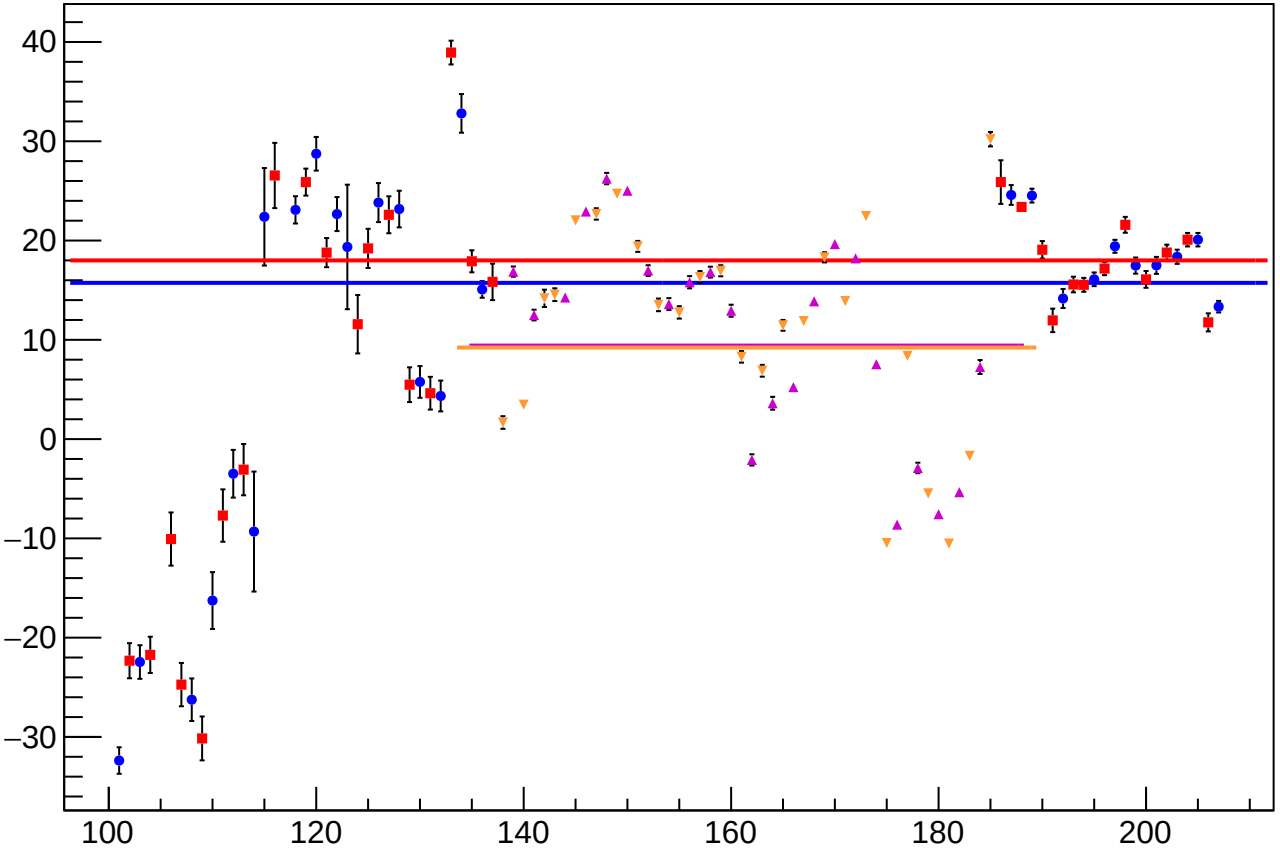
Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

+ sign 2.032+/-0.072 χ^2/NDF: 32919.6/51

All: 1.654+/-0.051 χ^2/NDF: 72038.2/104

- sign 1.268+/-0.073 χ^2/NDF: 39063.0/52

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 15.738+/-0.203 χ^2/NDF: 3059.0/26

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 17.999+/-0.177 χ^2/NDF: 3036.6/29

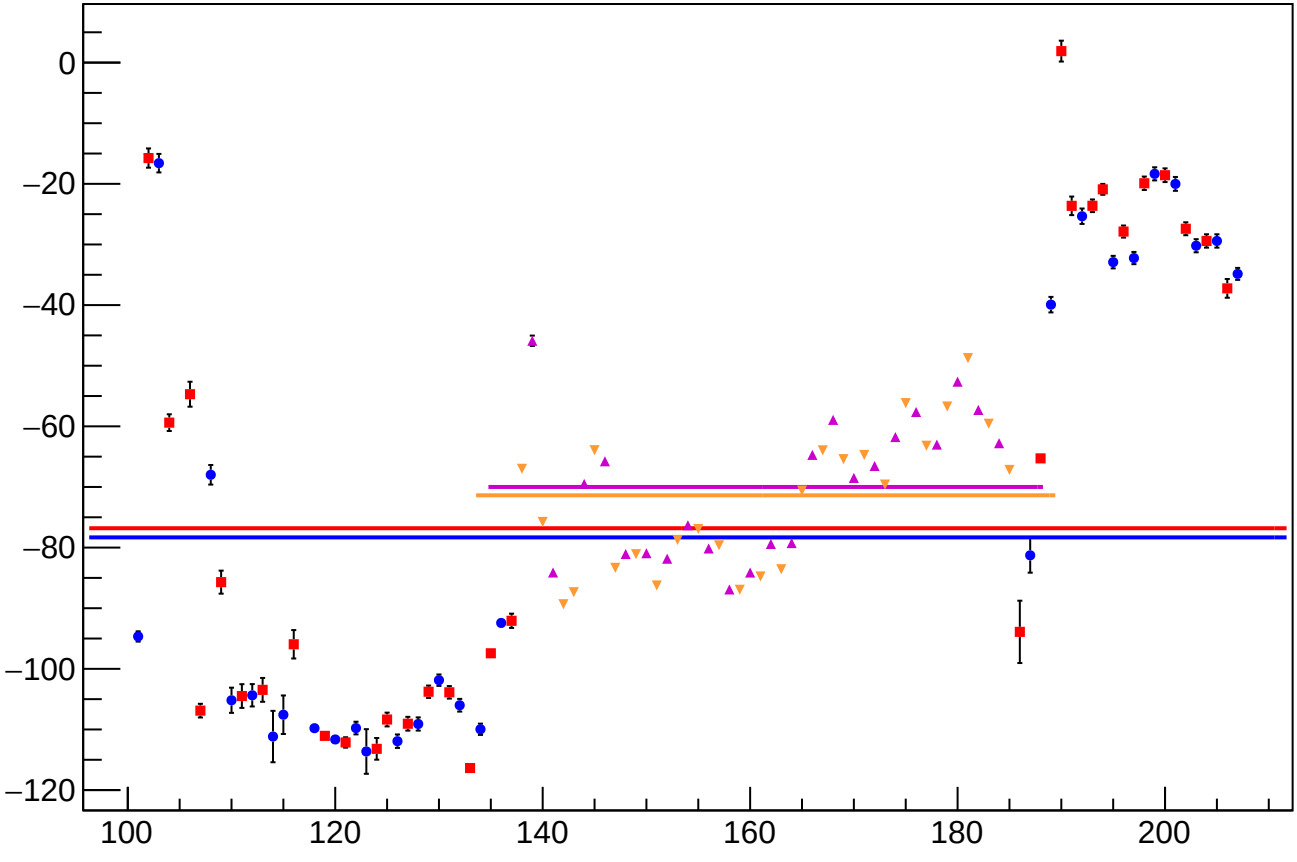
Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

+ sign 10.515+/-0.090 χ^2/NDF: 17502.0/51

All: 11.046+/-0.063 χ^2/NDF: 34443.4/104

- sign 11.553+/-0.088 χ^2/NDF: 16874.0/52

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -78.317+/-0.205 χ^2/NDF: 30883.8/26

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -76.807+/-0.198 χ^2/NDF: 38973.4/29

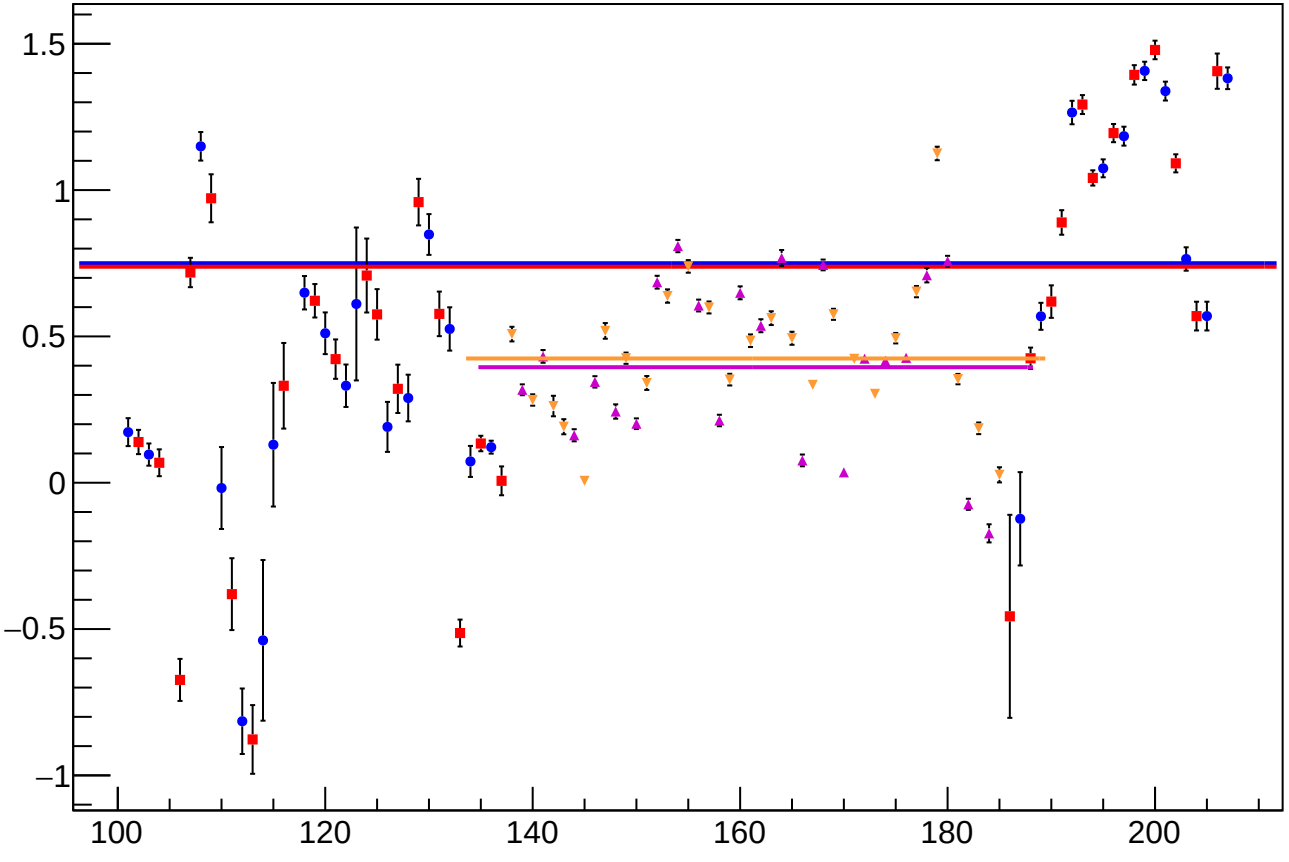
Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

+ sign -72.491+/-0.082 χ^2/NDF: 48073.6/51

All: -71.853+/-0.058 χ^2/NDF: 101335.7/104

- sign -71.199+/-0.083 χ^2/NDF: 53139.4/52

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.750+/-0.009 χ^2/NDF: 3454.5/26

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.738+/-0.008 χ^2/NDF: 4594.5/29

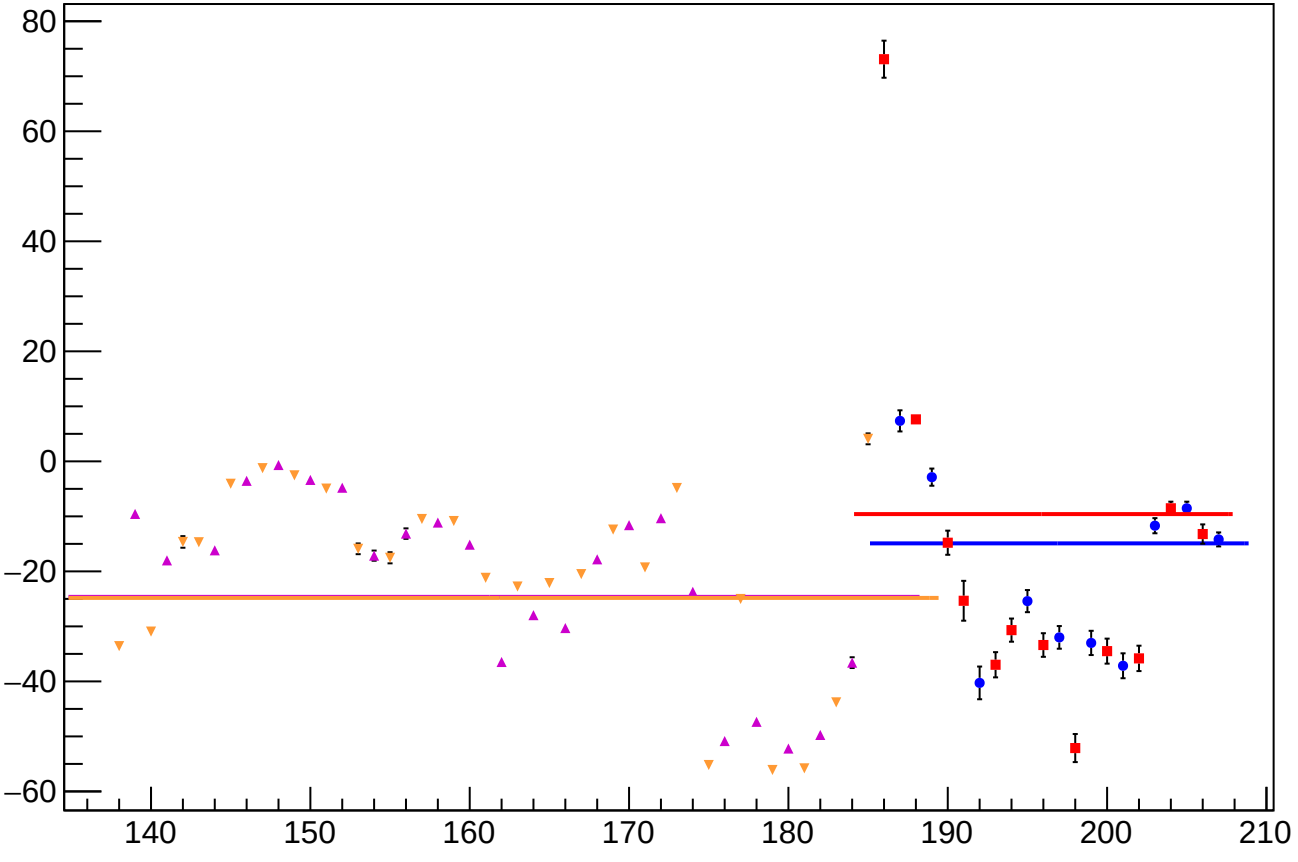
Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

+ sign 0.481+/-0.004 χ^2/NDF: 7410.0/51

All: 0.471+/-0.003 χ^2/NDF: 17429.9/104

- sign 0.462+/-0.004 χ^2/NDF: 10007.4/52

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -14.909+/-0.533 χ^2/NDF: 560.7/9

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -9.587+/-0.493 χ^2/NDF: 1987.7/11

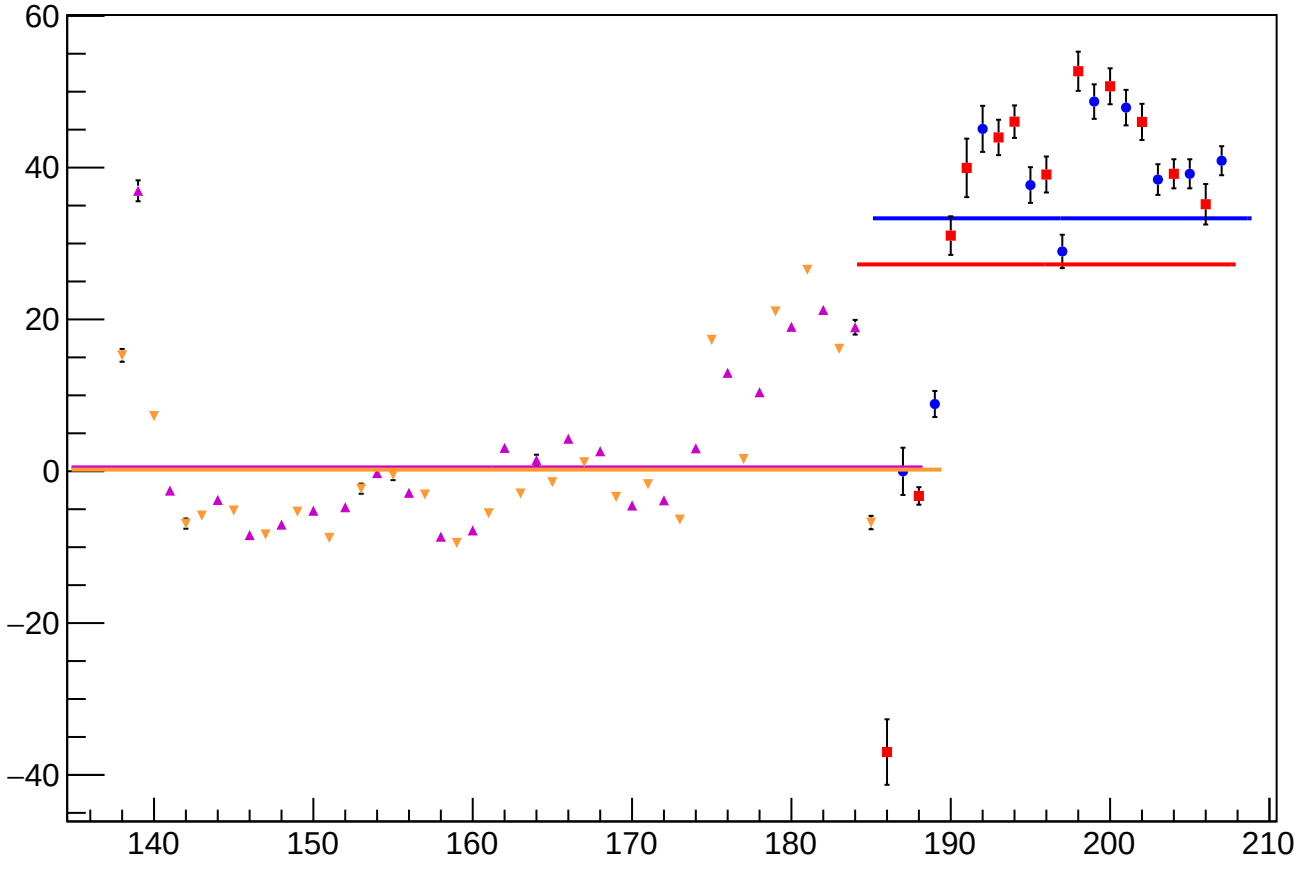
Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

+ sign -24.187+/-0.135 χ^2/NDF: 19159.0/34

All: -23.837+/-0.096 χ^2/NDF: 36969.5/69

- sign -23.480+/-0.136 χ^2/NDF: 17797.0/34

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 33.319+/-0.689 χ^2/NDF: 456.5/9

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 27.247+/-0.629 χ^2/NDF: 1393.7/11

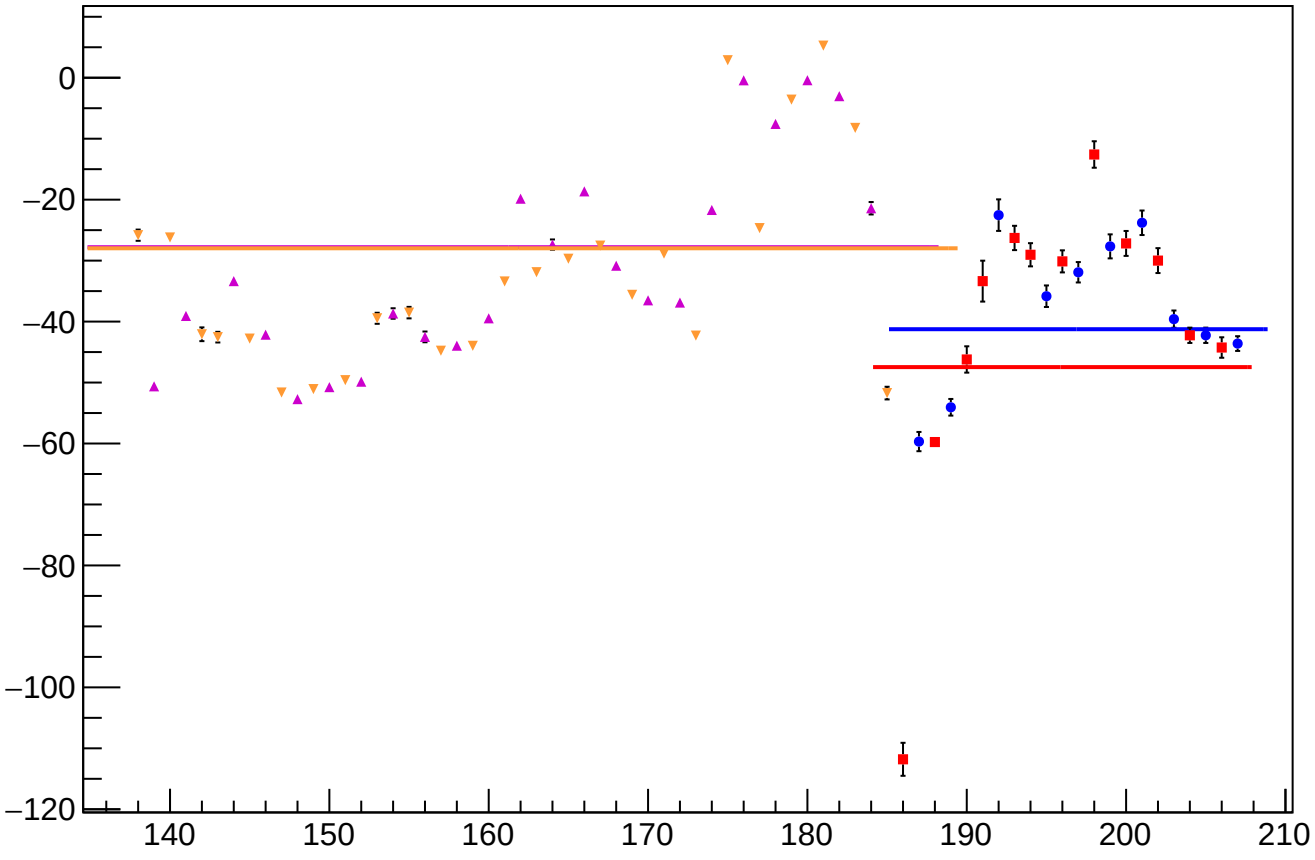
Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

+ sign 1.023+/-0.107 χ^2/NDF: 10961.9/34

All: 1.171+/-0.077 χ^2/NDF: 20737.7/69

- sign 1.325+/-0.110 χ^2/NDF: 9772.0/34

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -41.250+/-0.495 χ^2/NDF: 446.0/9

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -47.466+/-0.433 χ^2/NDF: 1692.8/11

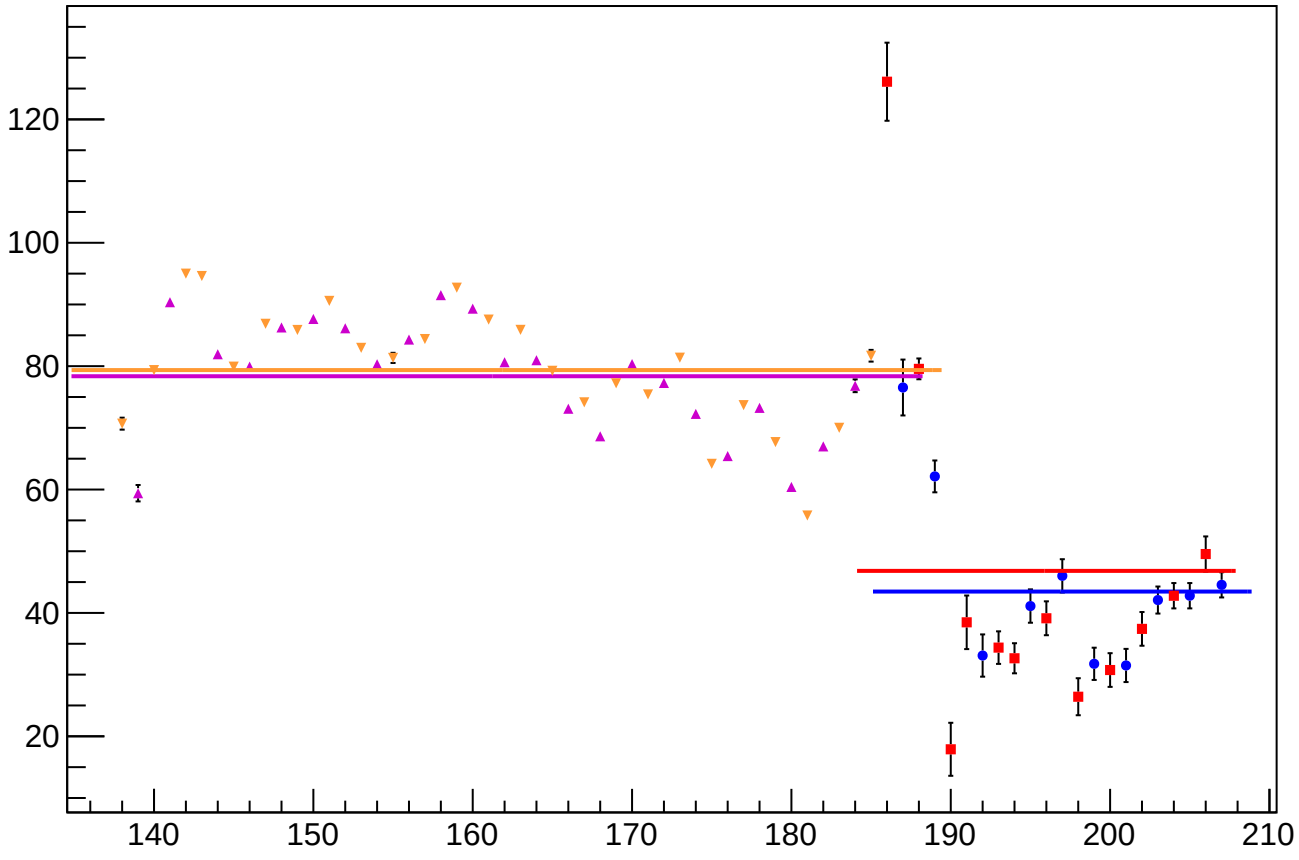
Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

+ sign -28.963+/-0.135 χ^2/NDF: 18191.8/34

All: -29.333+/-0.095 χ^2/NDF: 36957.6/69

- sign -29.702+/-0.135 χ^2/NDF: 18750.8/34

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 43.463+/-0.809 χ^2/NDF: 157.2/9

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 46.815+/-0.775 χ^2/NDF: 744.3/11

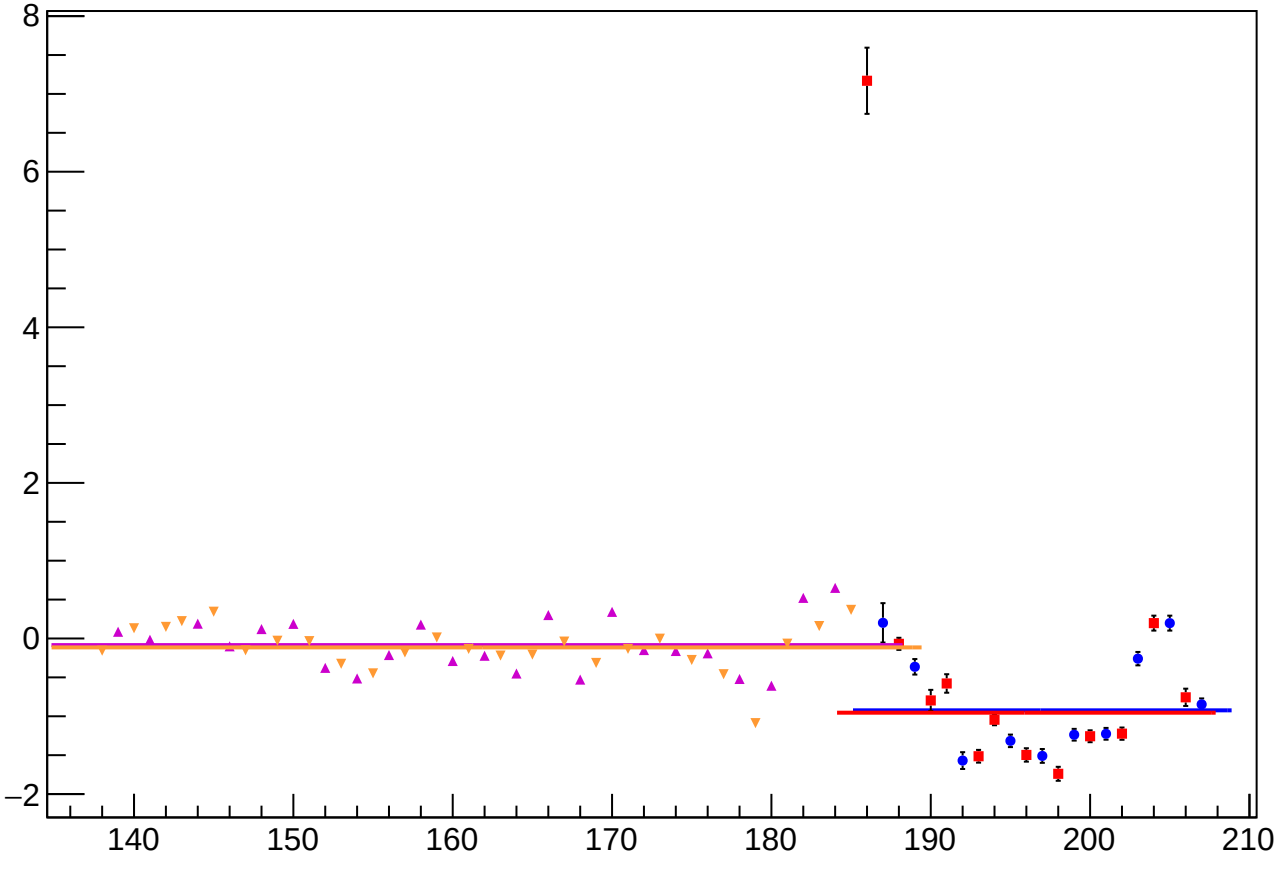
Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

+ sign 78.546+/-0.122 χ^2/NDF: 8048.4/34

All: 78.058+/-0.087 χ^2/NDF: 15177.5/69

- sign 77.549+/-0.125 χ^2/NDF: 7096.4/34

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.924+/-0.028 χ^2/NDF: 383.4/9

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.954+/-0.027 χ^2/NDF: 843.5/11

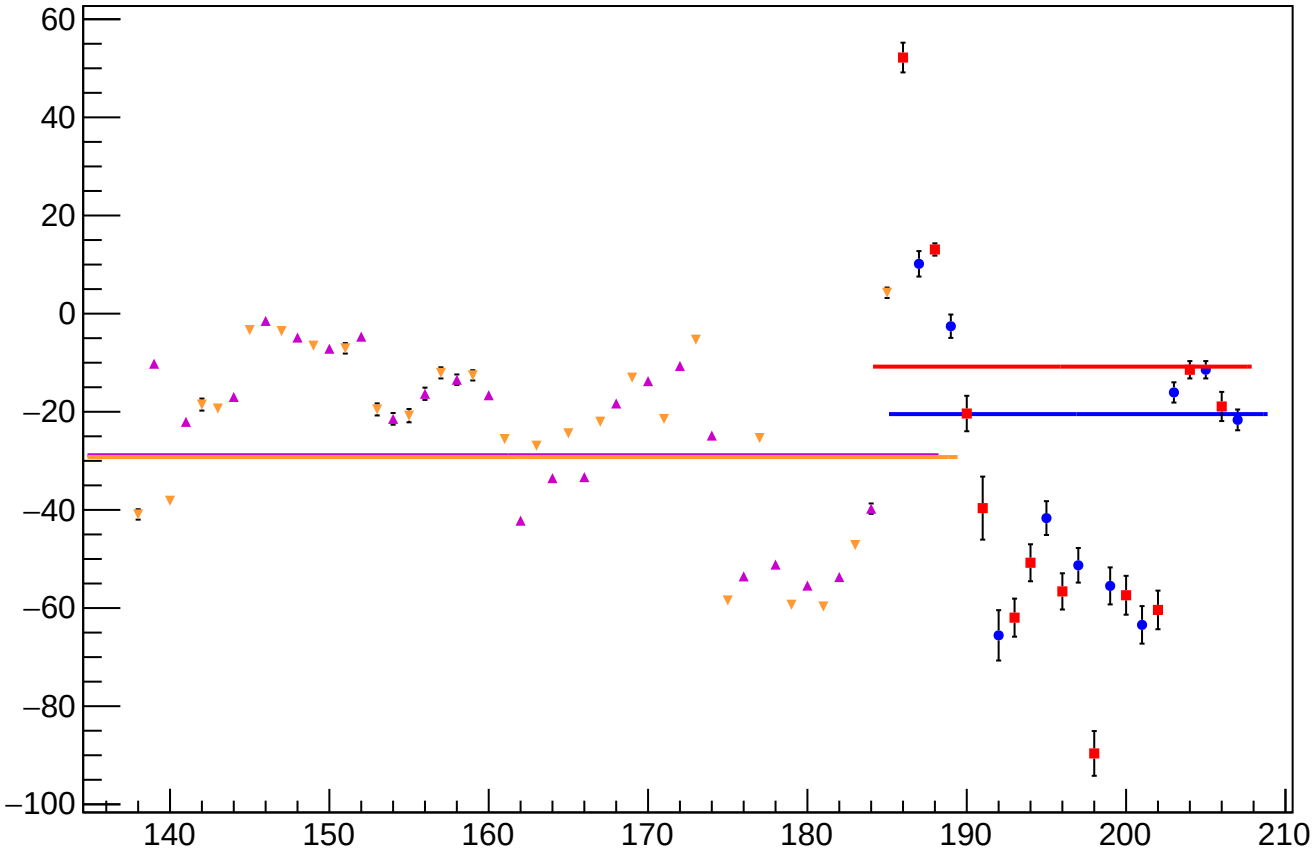
Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

+ sign -0.146+/-0.006 χ^2/NDF: 3455.0/34

All: -0.135+/-0.004 χ^2/NDF: 8479.6/69

- sign -0.124+/-0.006 χ^2/NDF: 5017.0/34

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -20.474+/-0.833 χ^2/NDF: 630.4/9

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -10.796+/-0.775 χ^2/NDF: 1866.5/11

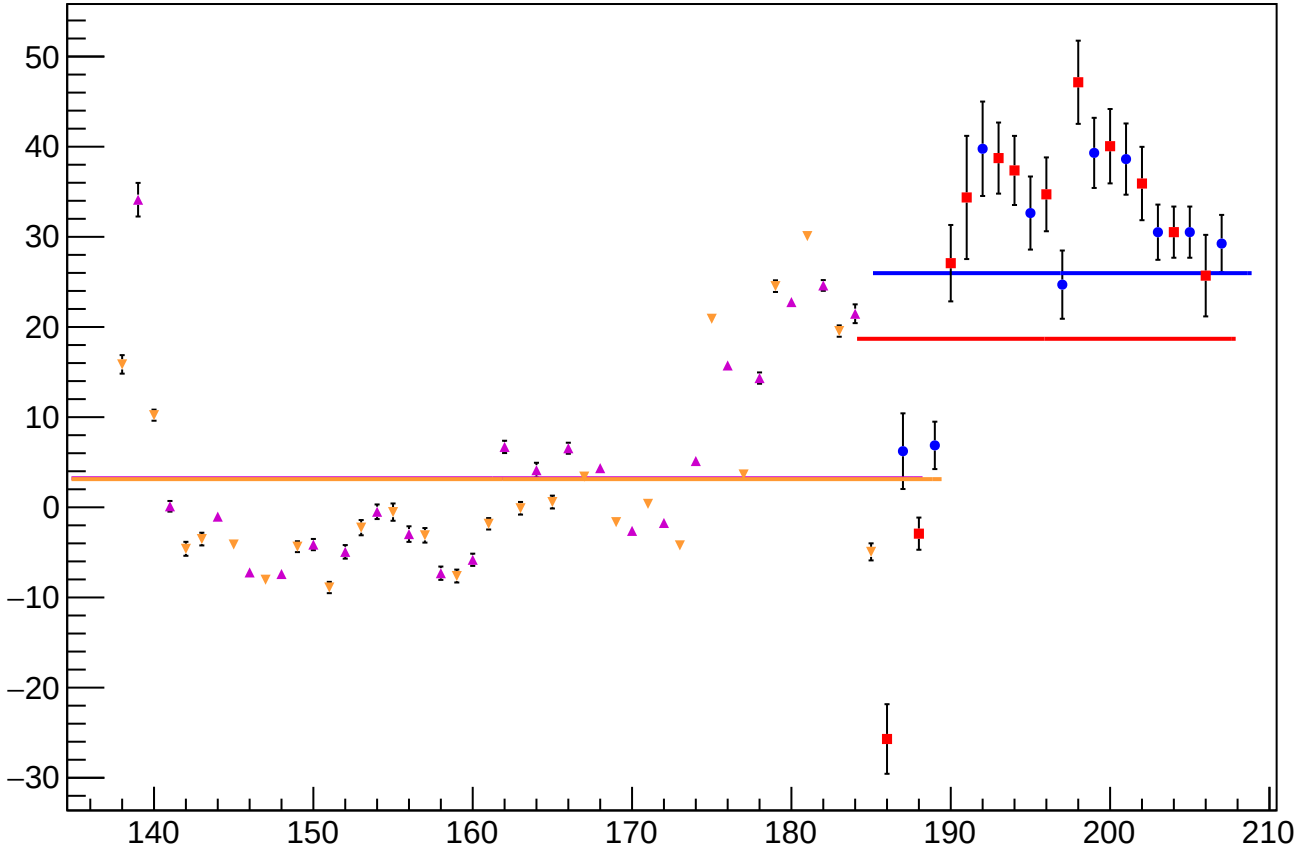
Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

+ sign -28.927+/-0.154 χ^2/NDF: 17617.1/34

All: -28.530+/-0.110 χ^2/NDF: 33572.2/69

- sign -28.126+/-0.156 χ^2/NDF: 15941.8/34

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 25.974+/-1.099 χ^2/NDF: 112.5/9

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 18.692+/-1.005 χ^2/NDF: 455.5/11

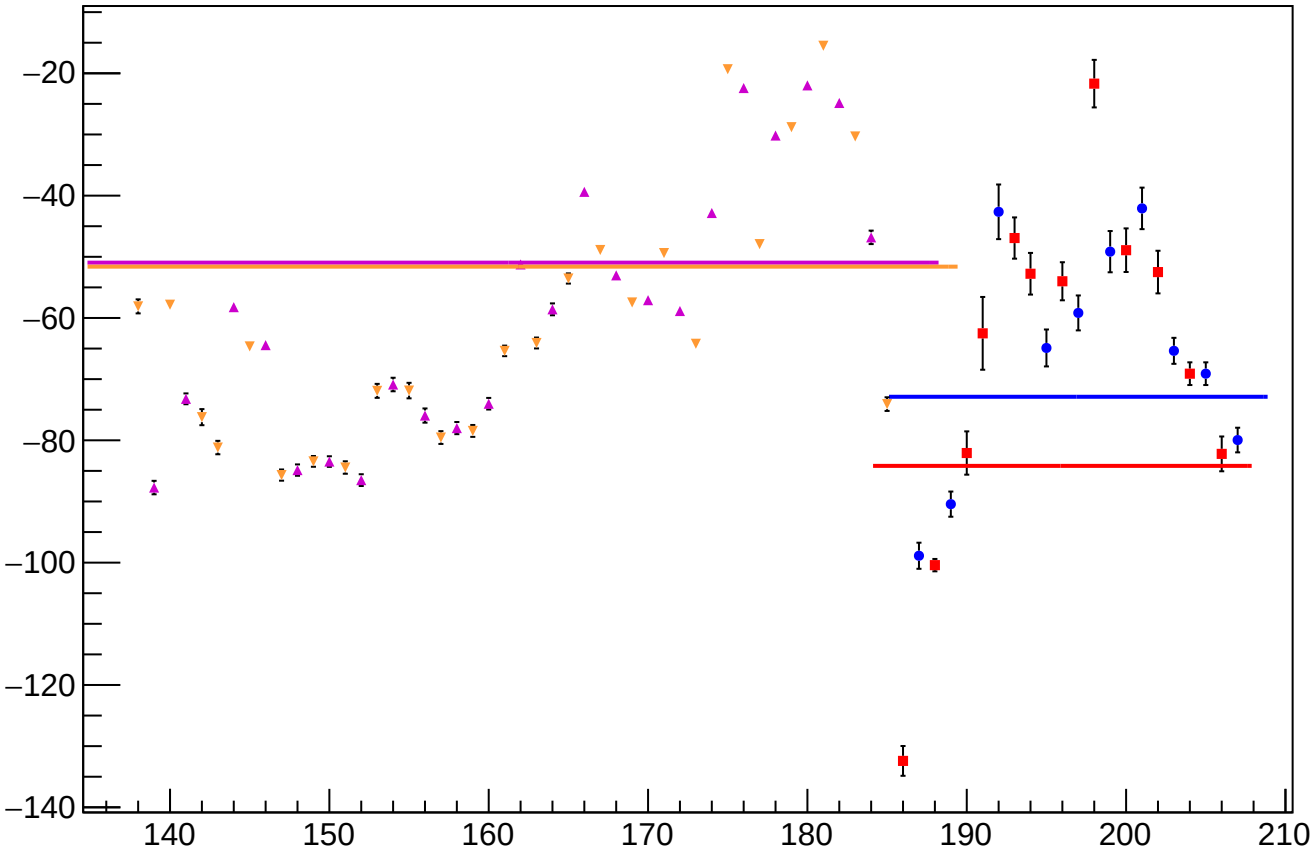
Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

+ sign 3.416+/-0.124 χ^2/NDF: 8588.5/34

All: 3.440+/-0.088 χ^2/NDF: 15551.0/69

- sign 3.465+/-0.126 χ^2/NDF: 6962.4/34

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -72.882+/-0.774 χ^2/NDF: 457.7/9

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -84.180+/-0.678 χ^2/NDF: 1470.5/11

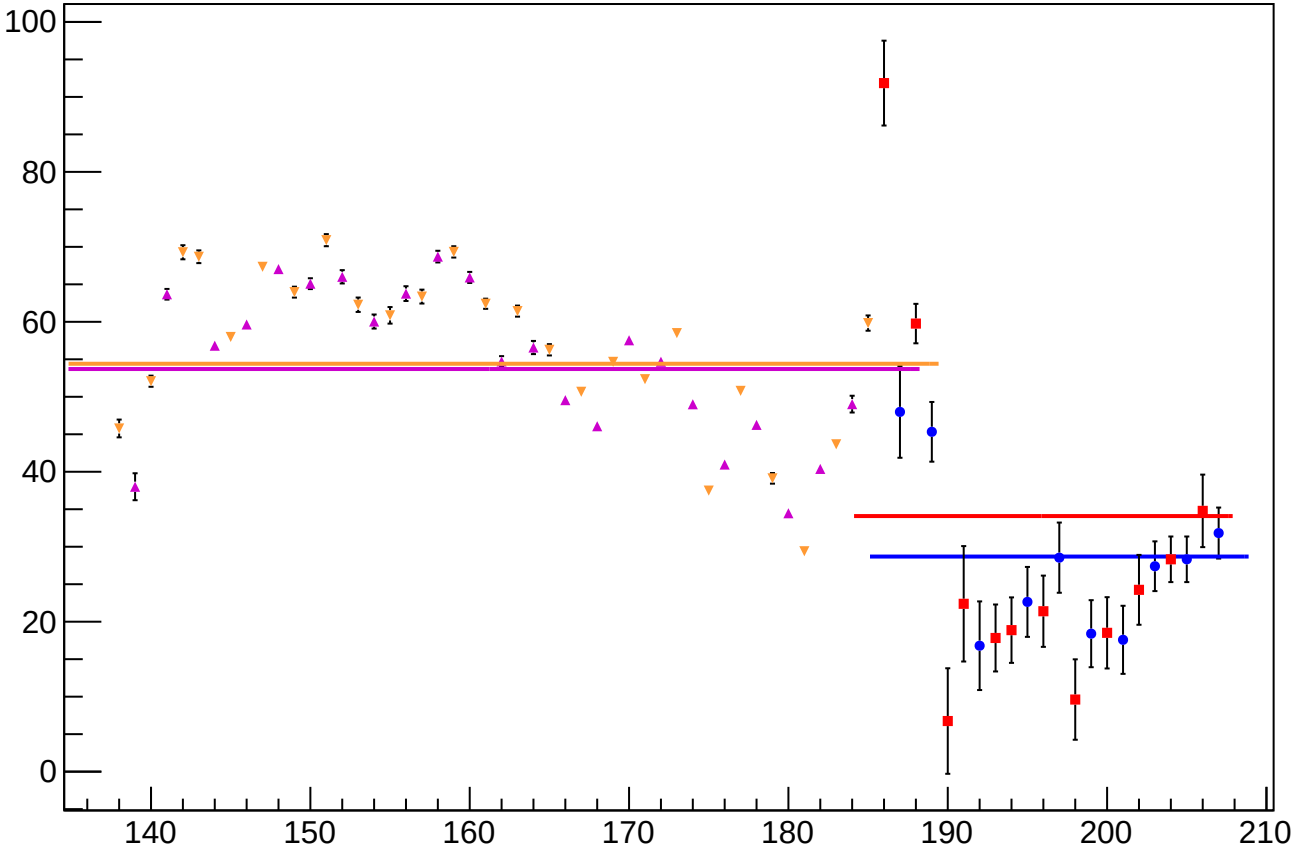
Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

+ sign -52.463+/-0.155 χ^2/NDF: 20568.5/34

All: -52.578+/-0.110 χ^2/NDF: 41786.7/69

- sign -52.694+/-0.155 χ^2/NDF: 21217.2/34

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 28.690+/-1.298 χ^2/NDF: 45.4/9

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 34.090+/-1.255 χ^2/NDF: 288.9/11

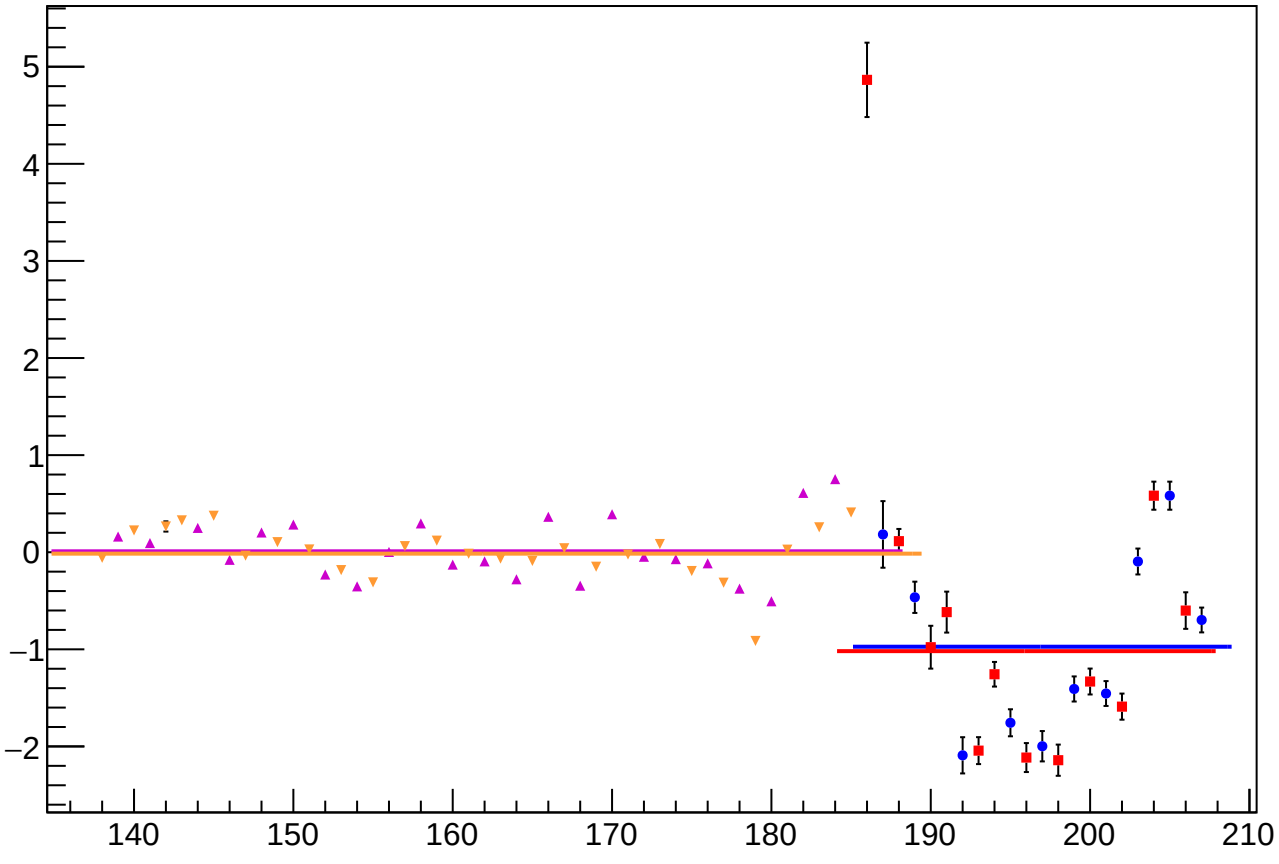
Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

+ sign 54.109+/-0.140 χ^2/NDF: 6634.1/34

All: 53.786+/-0.099 χ^2/NDF: 11778.6/69

- sign 53.453+/-0.142 χ^2/NDF: 5133.7/34

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.973+/-0.047 χ^2/NDF: 321.2/9

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -1.019+/-0.045 χ^2/NDF: 632.8/11

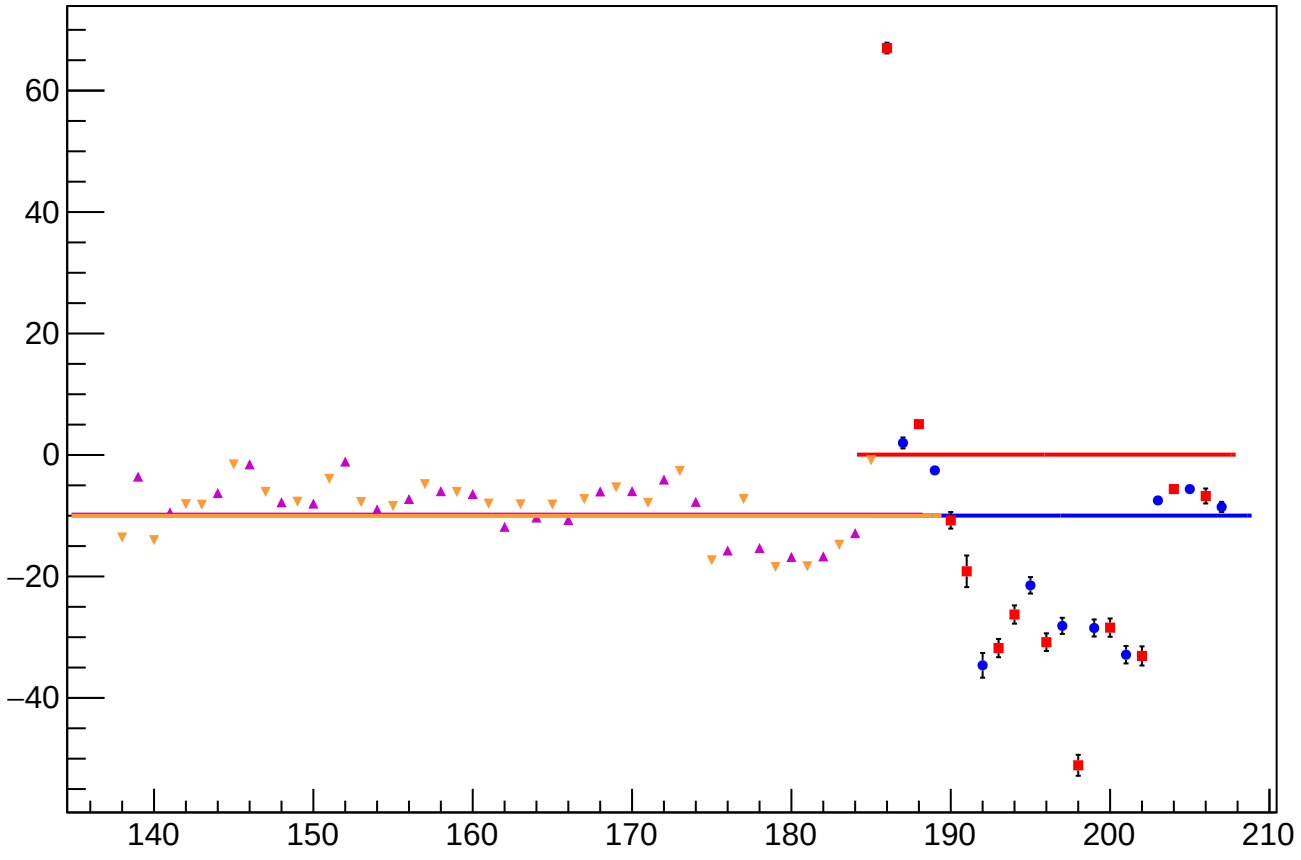
Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

+ sign -0.032+/-0.006 χ^2/NDF: 2376.9/34

All: -0.022+/-0.005 χ^2/NDF: 5759.5/69

- sign -0.012+/-0.006 χ^2/NDF: 3377.5/34

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -9.978+/-0.305 χ^2/NDF: 1151.2/9

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 0.063+/-0.281 χ^2/NDF: 8961.2/11

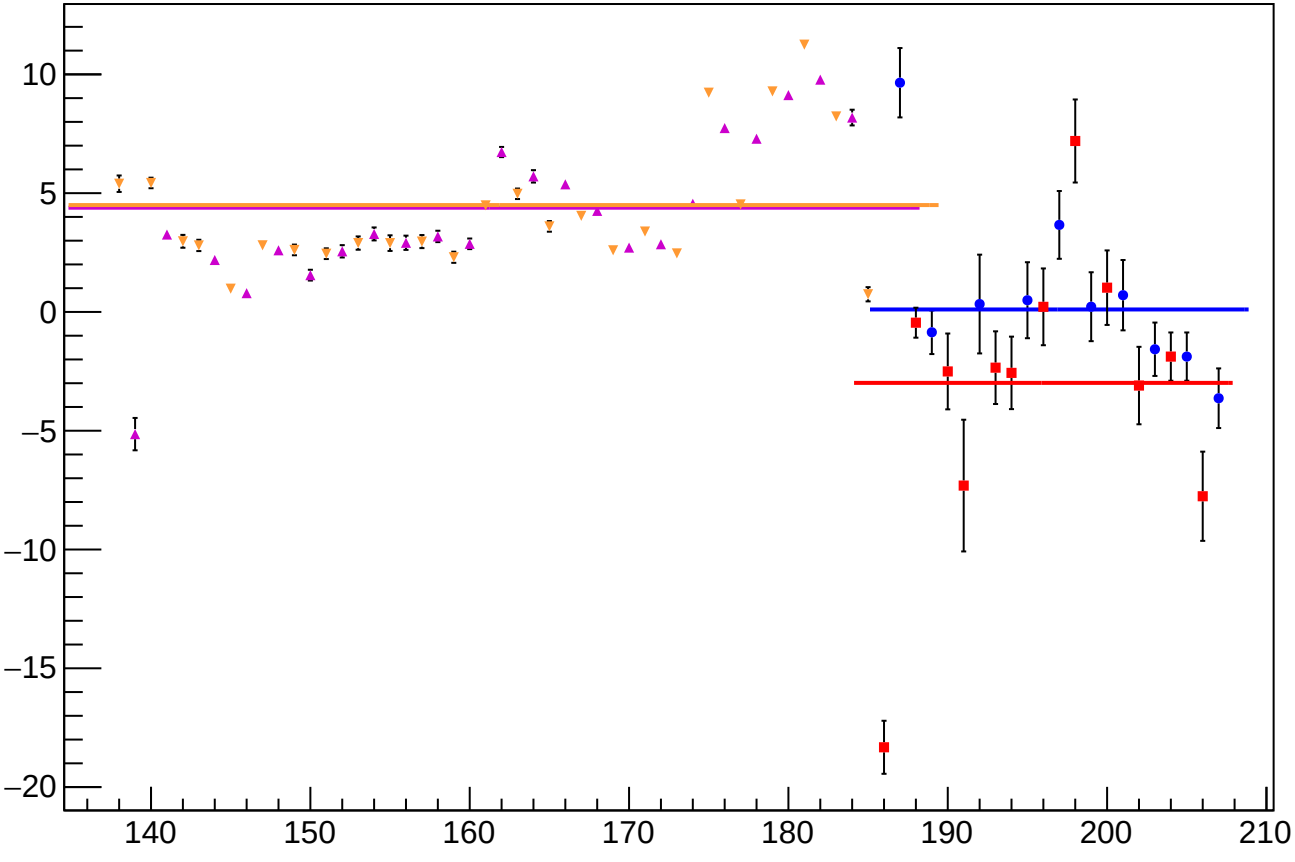
Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

+ sign -10.028+/-0.050 χ^2/NDF: 13681.4/34

All: -9.767+/-0.035 χ^2/NDF: 33367.3/69

- sign -9.502+/-0.050 χ^2/NDF: 19630.9/34

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.104+/-0.405 χ^2/NDF: 65.2/9

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -2.986+/-0.367 χ^2/NDF: 259.8/11

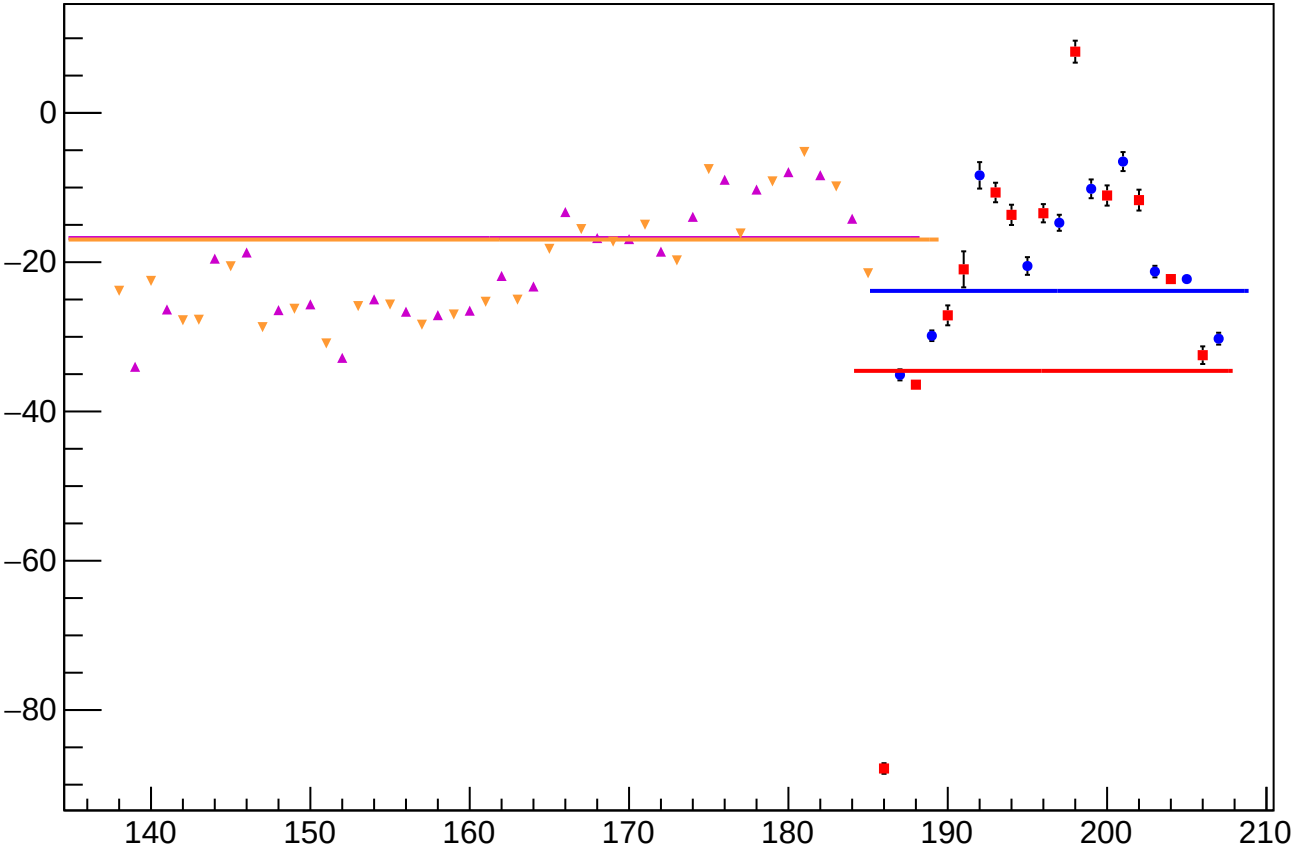
Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

+ sign 4.455+/-0.041 χ^2/NDF: 4991.1/34

All: 4.376+/-0.029 χ^2/NDF: 9924.5/69

- sign 4.296+/-0.041 χ^2/NDF: 4925.9/34

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.846+/-0.283 χ^2/NDF: 843.5/9

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -34.561+/-0.244 χ^2/NDF: 8333.4/11

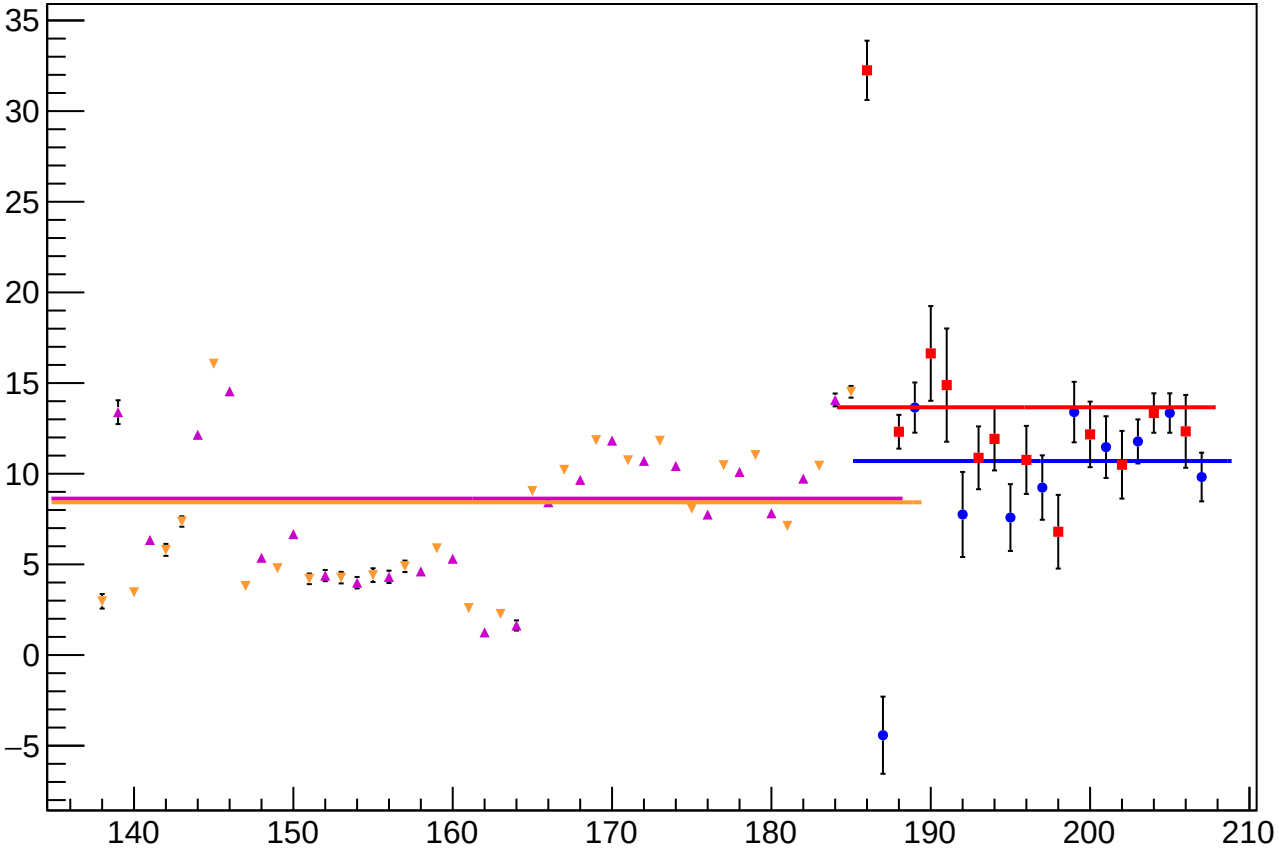
Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

+ sign -17.183+/-0.050 χ^2/NDF: 23317.6/34

All: -17.350+/-0.036 χ^2/NDF: 55794.1/69

- sign -17.517+/-0.050 χ^2/NDF: 32454.4/34

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 10.701+/-0.481 χ^2/NDF: 70.1/9

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 13.665+/-0.464 χ^2/NDF: 154.2/11

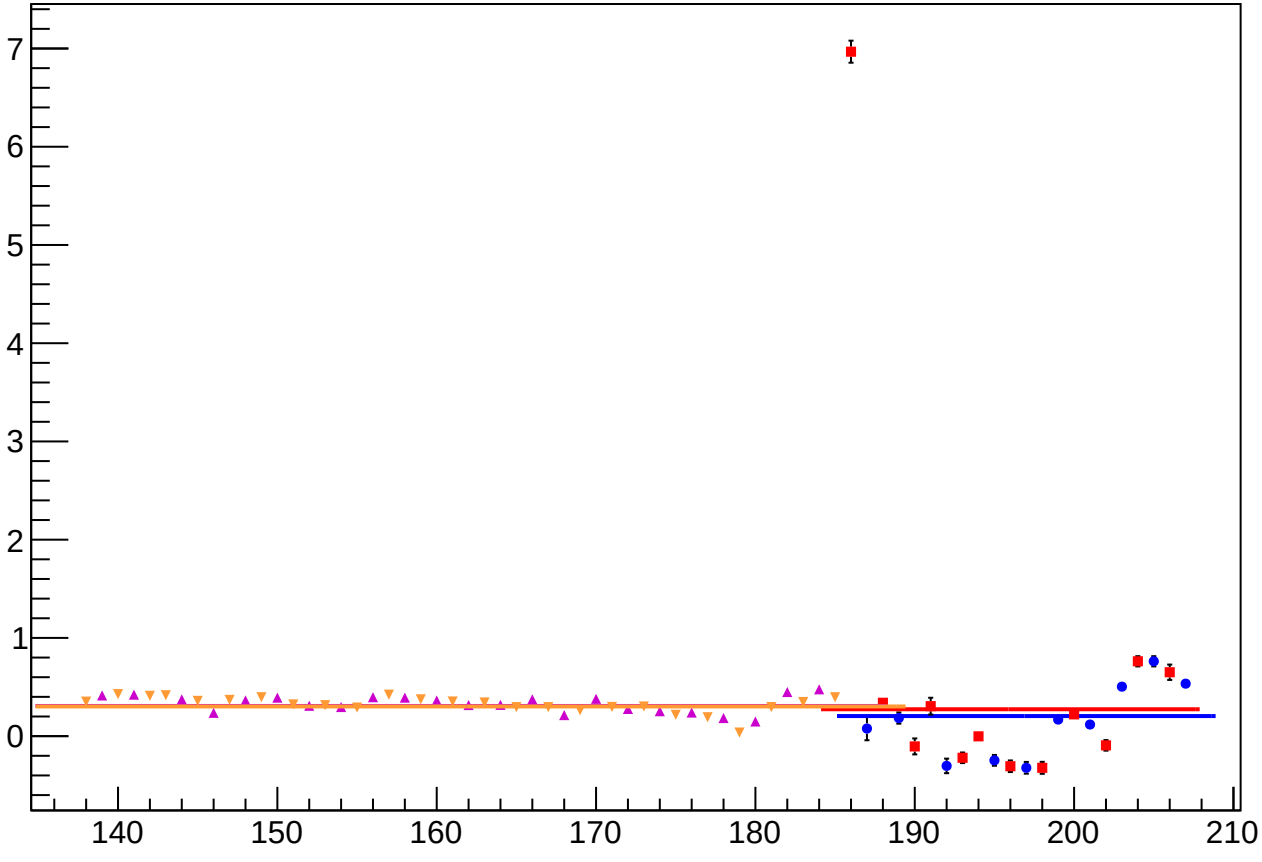
Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

+ sign 8.444+/-0.045 χ^2/NDF: 6570.9/34

All: 8.559+/-0.032 χ^2/NDF: 12386.7/69

- sign 8.675+/-0.046 χ^2/NDF: 5803.0/34

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.204+/-0.018 χ^2/NDF: 389.9/9

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.274+/-0.017 χ^2/NDF: 4049.3/11

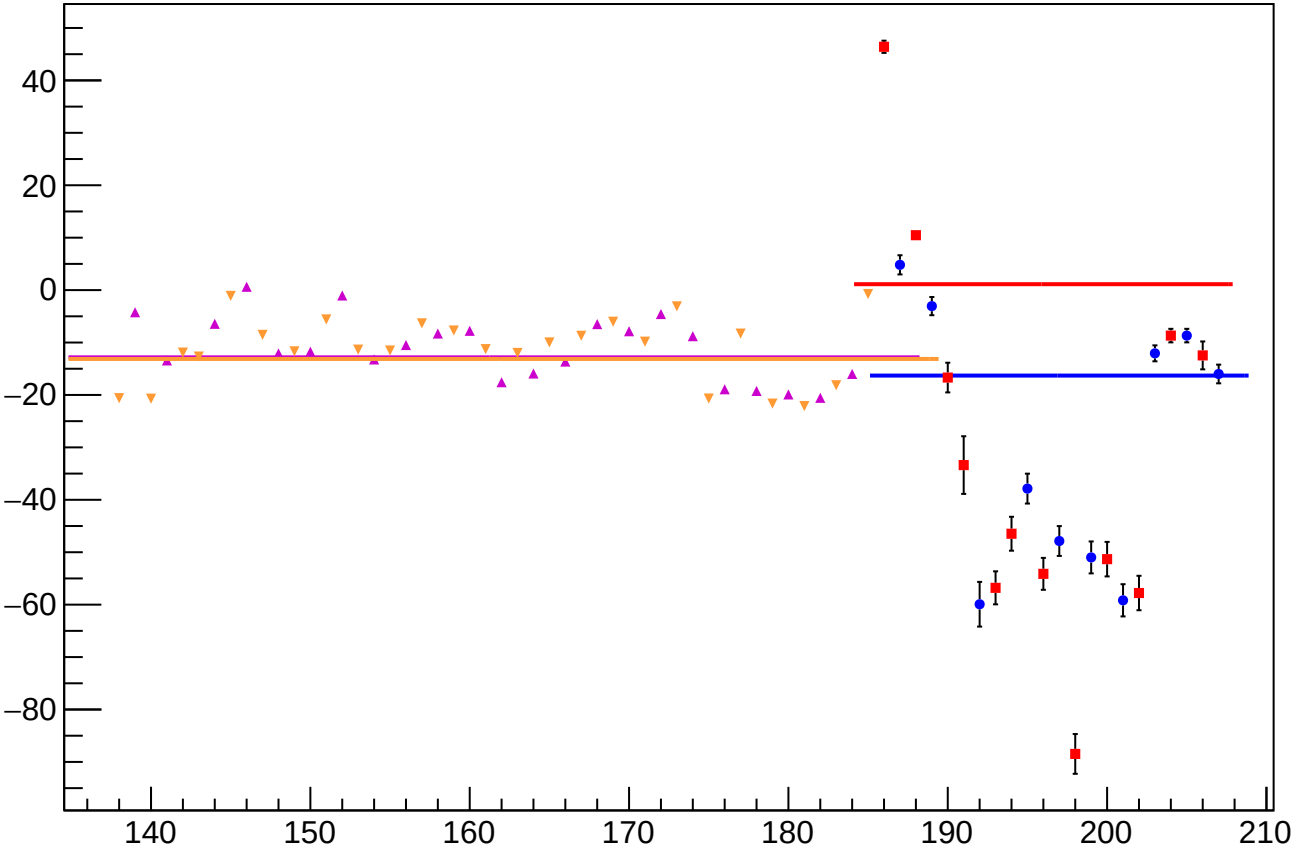
Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

+ sign 0.301+/-0.002 χ^2/NDF: 2010.0/34

All: 0.304+/-0.001 χ^2/NDF: 7783.6/69

- sign 0.307+/-0.002 χ^2/NDF: 5769.9/34

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -16.304+/-0.633 χ^2/NDF: 843.4/9

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 1.127+/-0.547 χ^2/NDF: 3787.5/11

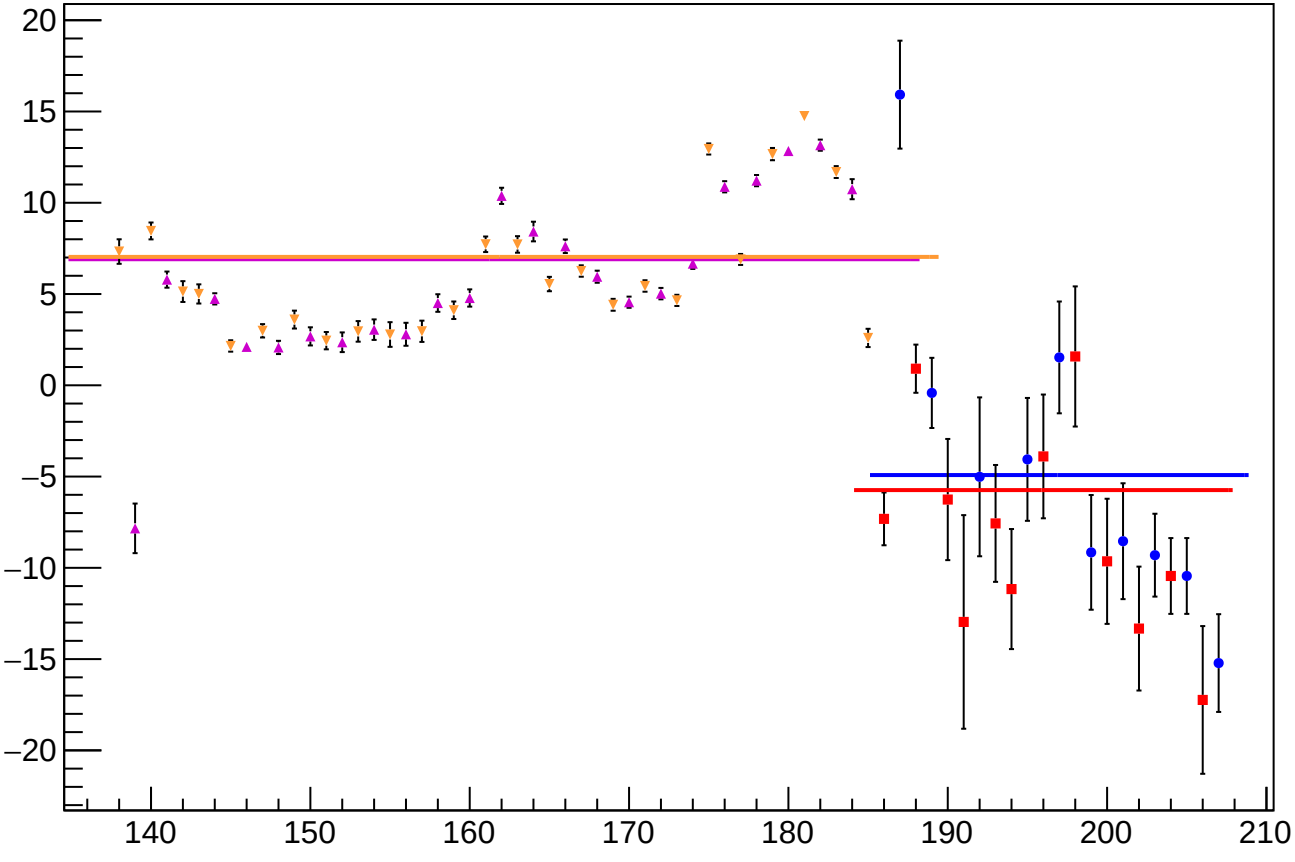
Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

+ sign -13.201+/-0.093 χ^2/NDF: 6842.4/34

All: -12.811+/-0.066 χ^2/NDF: 16138.5/69

- sign -12.417+/-0.093 χ^2/NDF: 9260.6/34

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -4.917+/-0.846 χ^2/NDF: 88.4/9

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -5.741+/-0.710 χ^2/NDF: 54.6/11

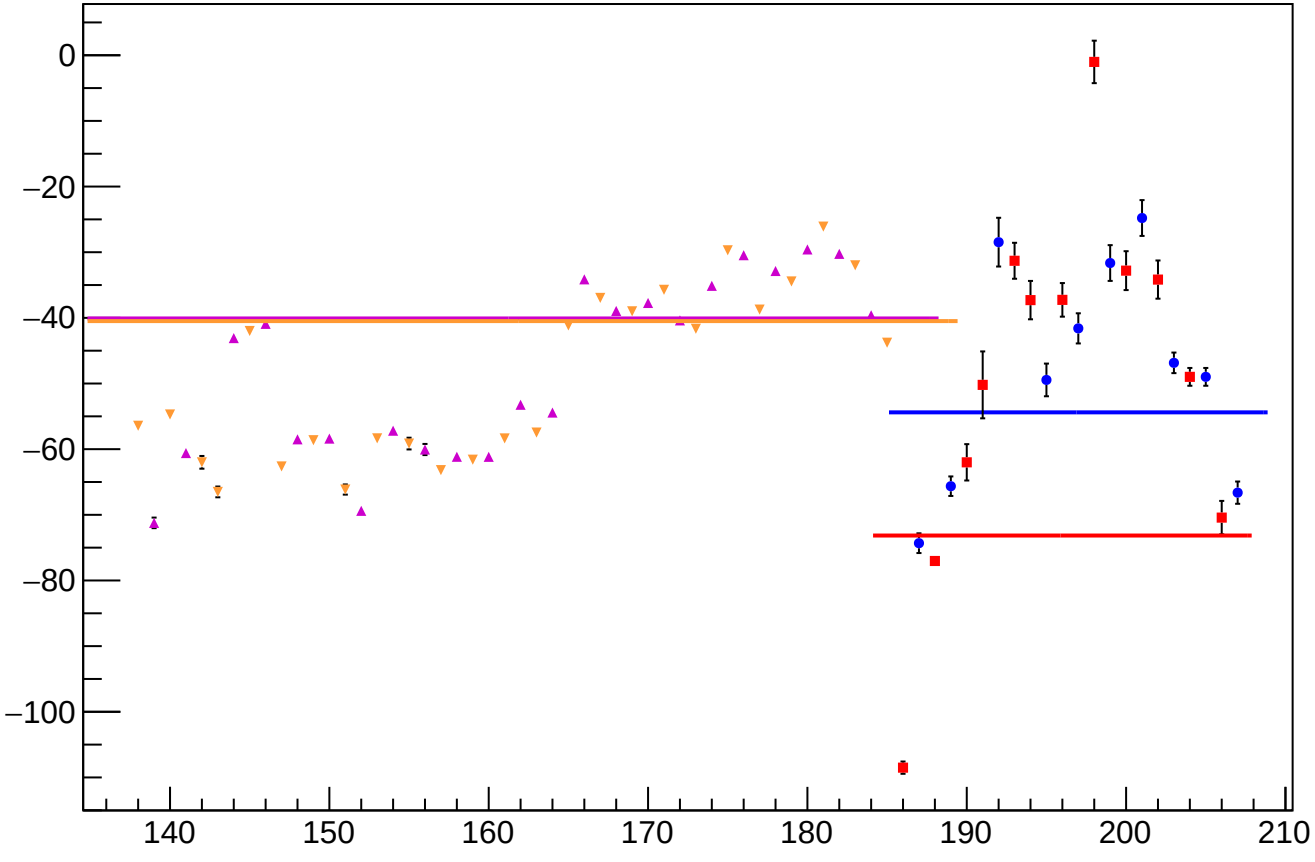
Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

+ sign 6.935+/-0.077 χ^2/NDF: 2944.0/34

All: 6.846+/-0.054 χ^2/NDF: 5757.5/69

- sign 6.757+/-0.077 χ^2/NDF: 2810.8/34

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -54.393+/-0.589 χ^2/NDF: 595.3/9

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -73.154+/-0.471 χ^2/NDF: 3252.8/11

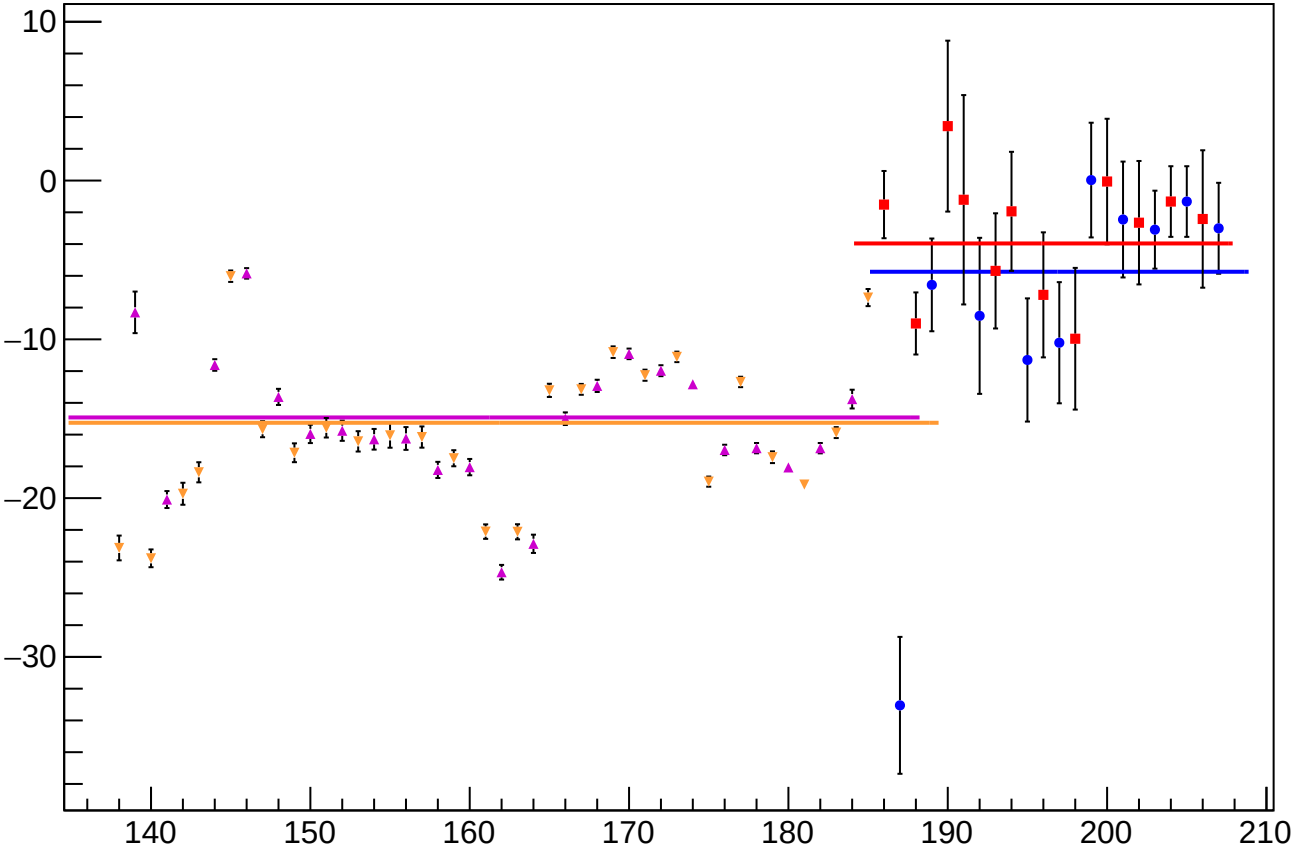
Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

+ sign -40.844+/-0.094 χ^2/NDF: 16573.9/34

All: -41.118+/-0.066 χ^2/NDF: 38684.3/69

- sign -41.391+/-0.093 χ^2/NDF: 22093.3/34

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -5.744+/-1.005 χ^2/NDF: 53.3/9

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -3.961+/-0.917 χ^2/NDF: 15.7/11

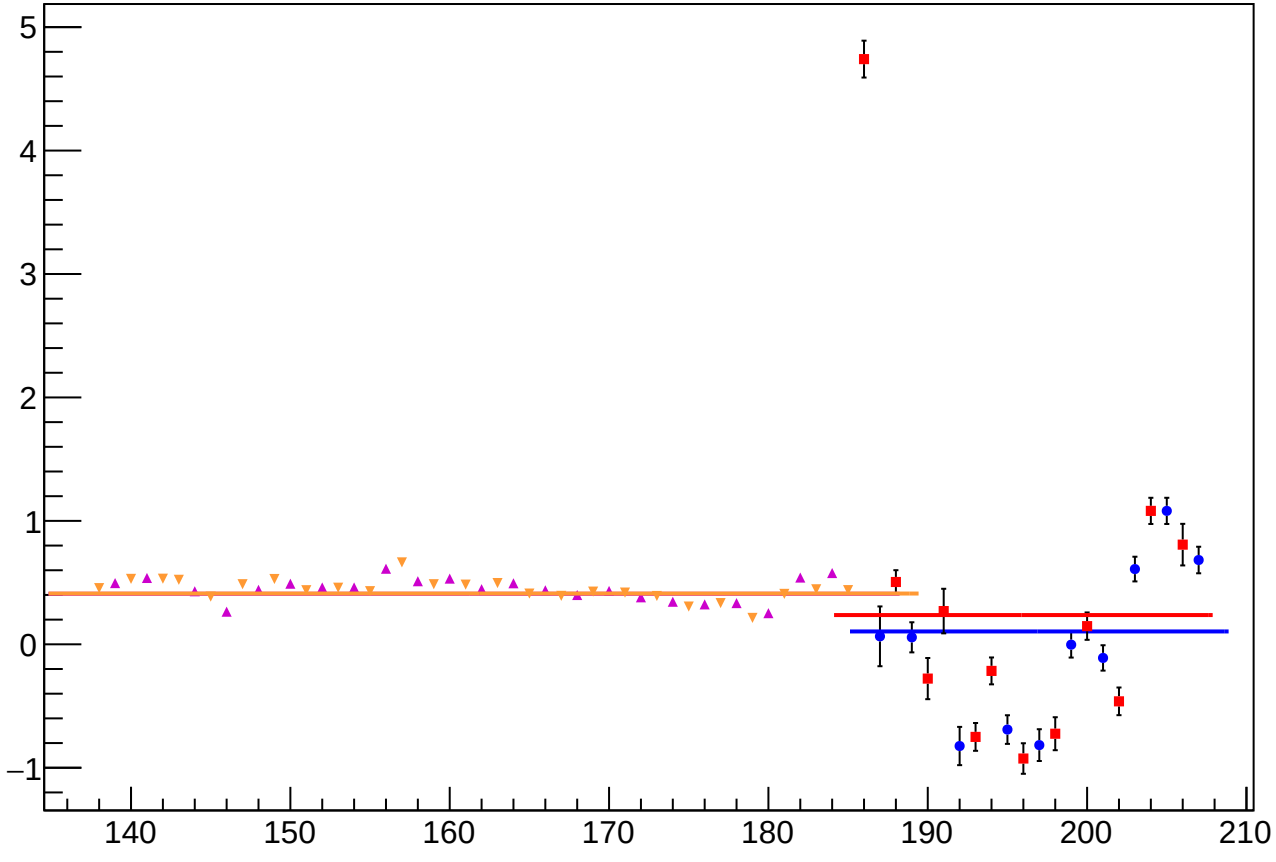
Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

+ sign -15.185+/-0.086 χ^2/NDF: 2736.6/34

All: -15.005+/-0.061 χ^2/NDF: 5110.5/69

- sign -14.822+/-0.086 χ^2/NDF: 2365.0/34

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.104+/-0.037 χ^2/NDF: 278.7/9

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.237+/-0.036 χ^2/NDF: 1274.9/11

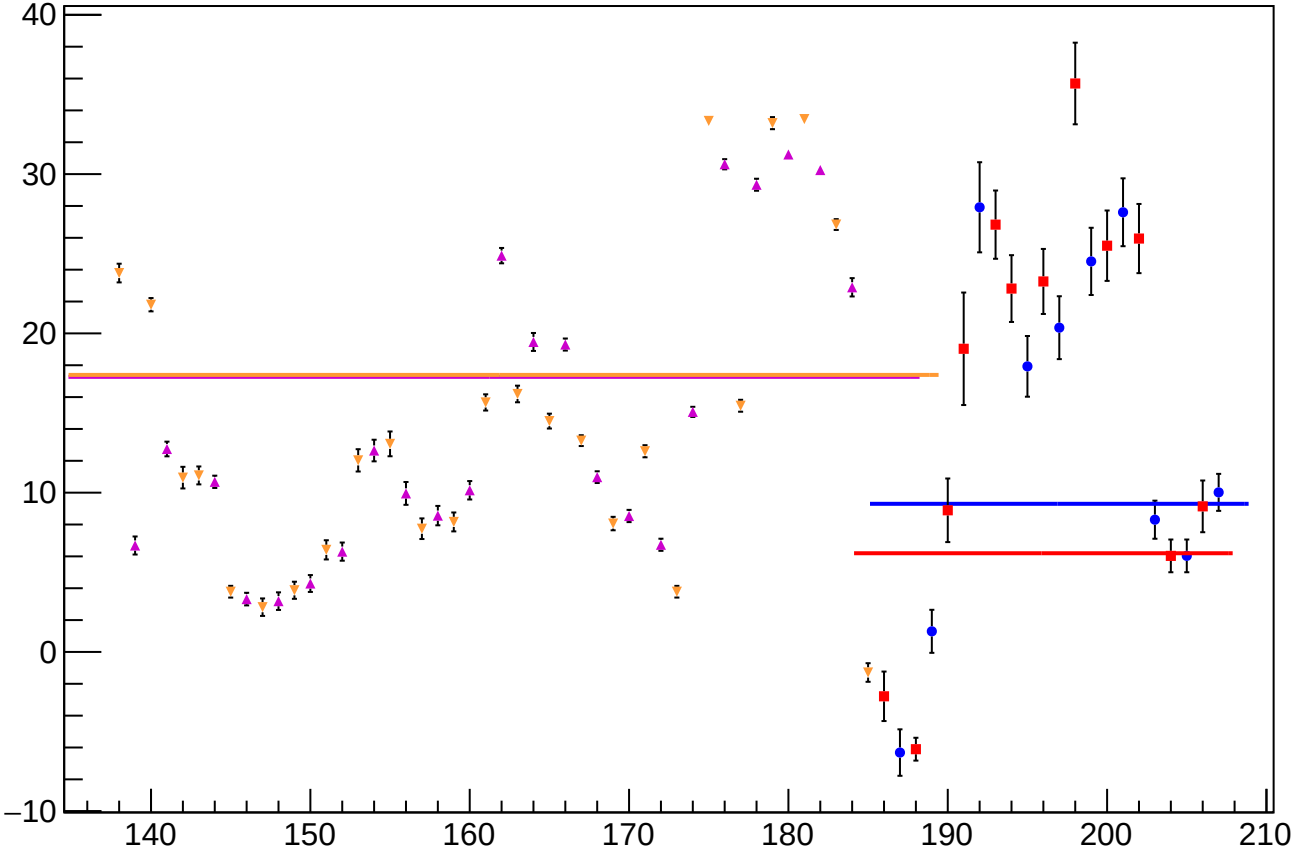
Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

+ sign 0.408+/-0.004 χ^2/NDF: 774.9/34

All: 0.408+/-0.003 χ^2/NDF: 2634.9/69

- sign 0.407+/-0.004 χ^2/NDF: 1860.0/34

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 9.300+/-0.471 χ^2/NDF: 381.9/9

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 6.197+/-0.436 χ^2/NDF: 863.2/11

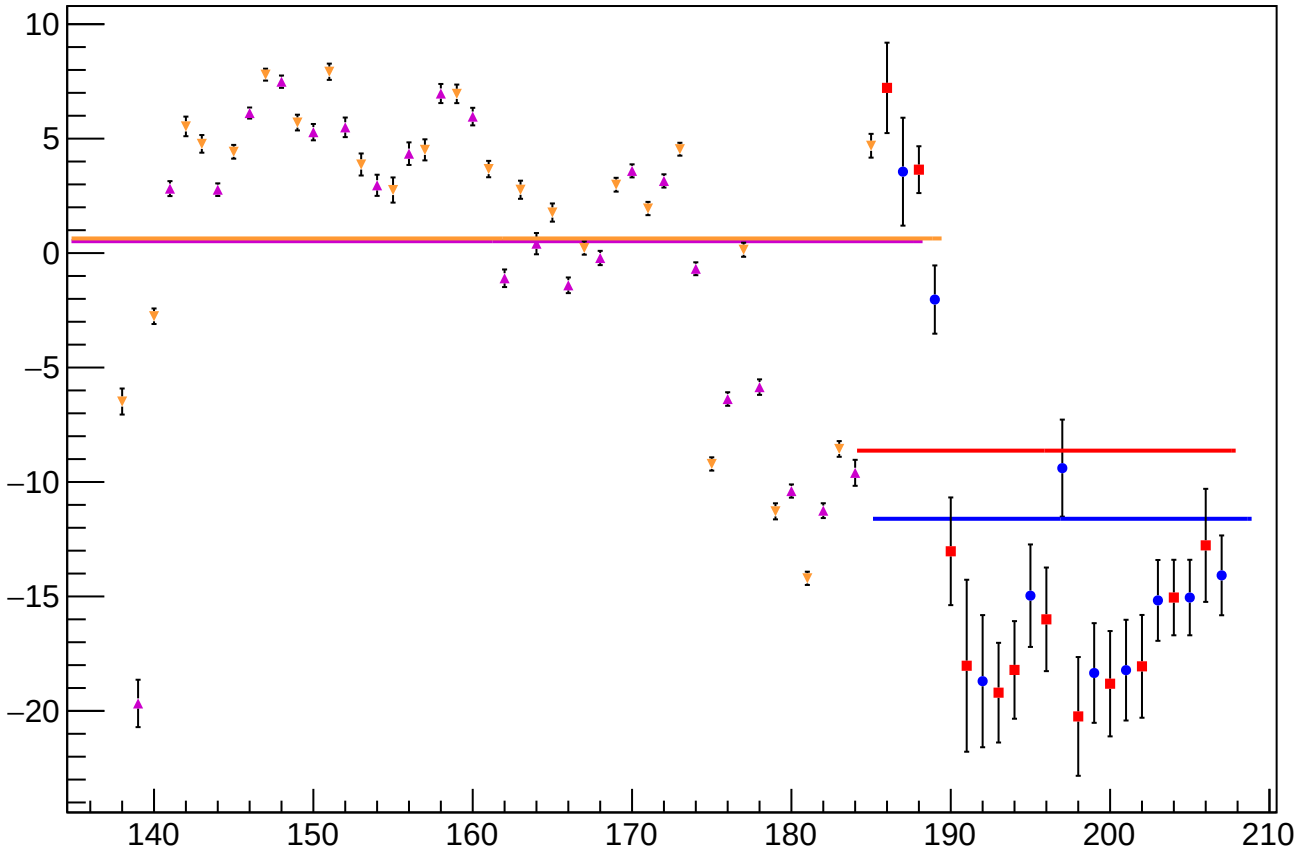
Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

+ sign 17.125+/-0.086 χ^2/NDF: 16973.1/34

All: 16.980+/-0.061 χ^2/NDF: 31355.2/69

- sign 16.832+/-0.087 χ^2/NDF: 14376.3/34

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -11.607+/-0.619 χ^2/NDF: 121.1/9

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -8.630+/-0.563 χ^2/NDF: 347.7/11

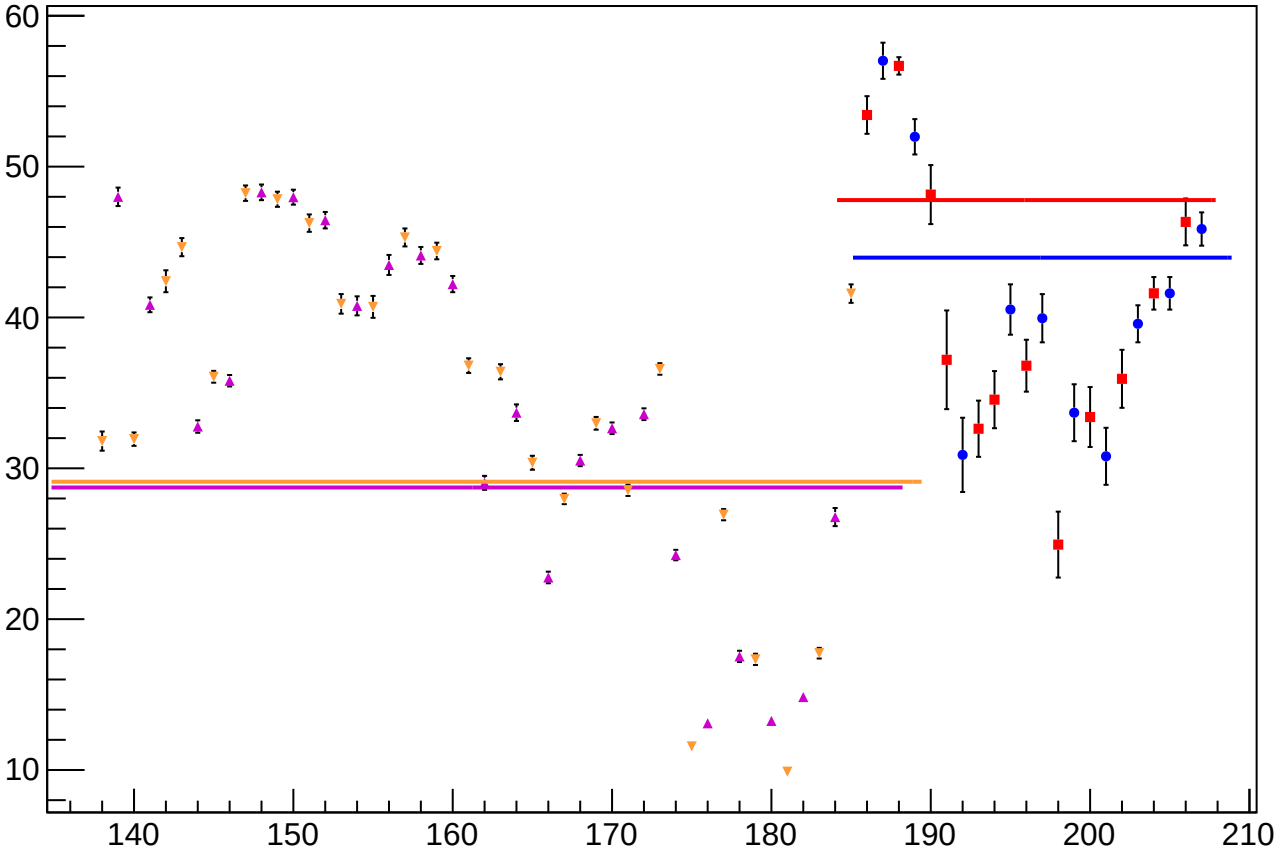
Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

+ sign 0.487+/-0.069 χ^2/NDF: 9022.1/34

All: 0.433+/-0.049 χ^2/NDF: 16408.0/69

- sign 0.377+/-0.070 χ^2/NDF: 7384.7/34

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 43.966+/-0.437 χ^2/NDF: 302.8/9

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 47.782+/-0.381 χ^2/NDF: 656.4/11

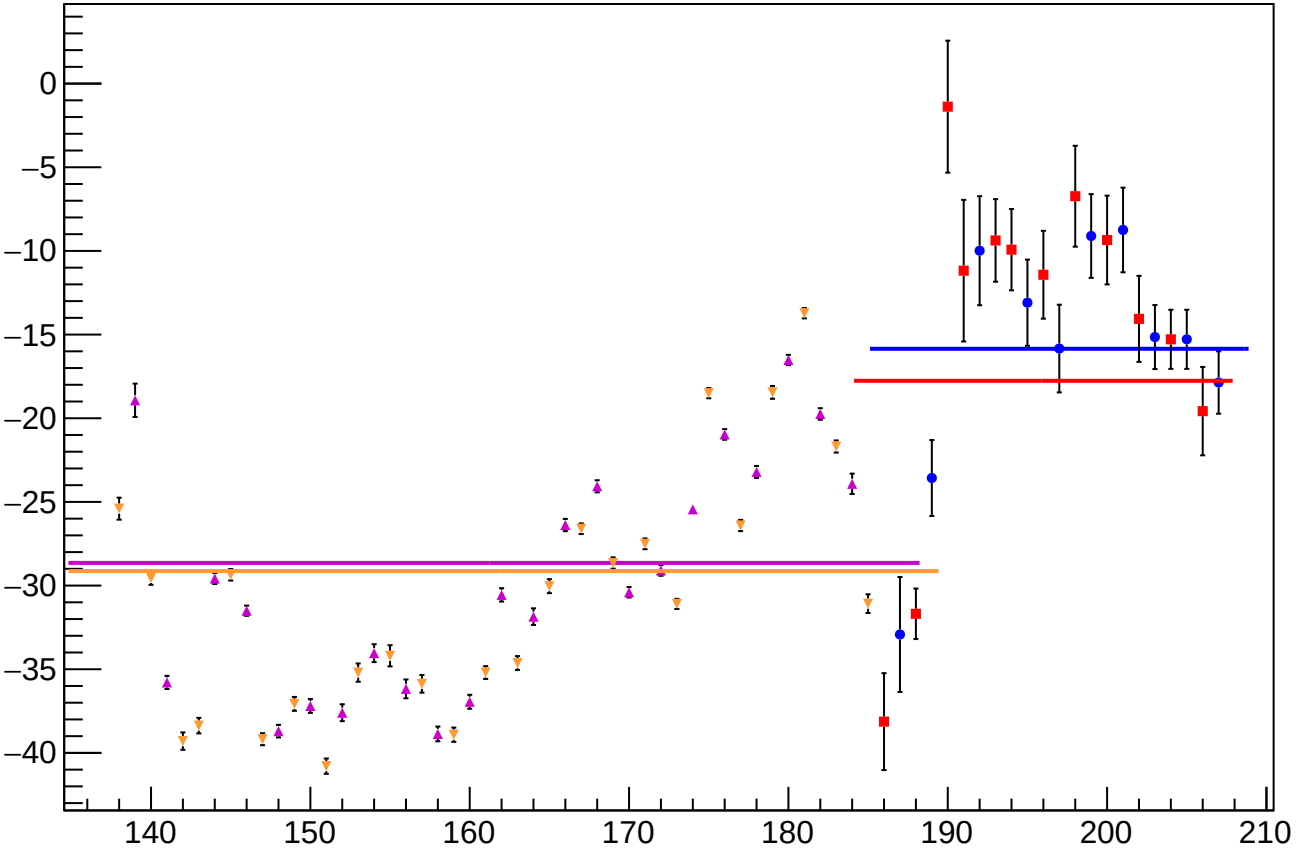
Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

+ sign 29.689+/-0.086 χ^2/NDF: 20260.7/34

All: 29.699+/-0.061 χ^2/NDF: 40329.0/69

- sign 29.710+/-0.086 χ^2/NDF: 20068.3/34

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -15.848+/-0.732 χ^2/NDF: 57.2/9

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -17.760+/-0.703 χ^2/NDF: 210.1/11

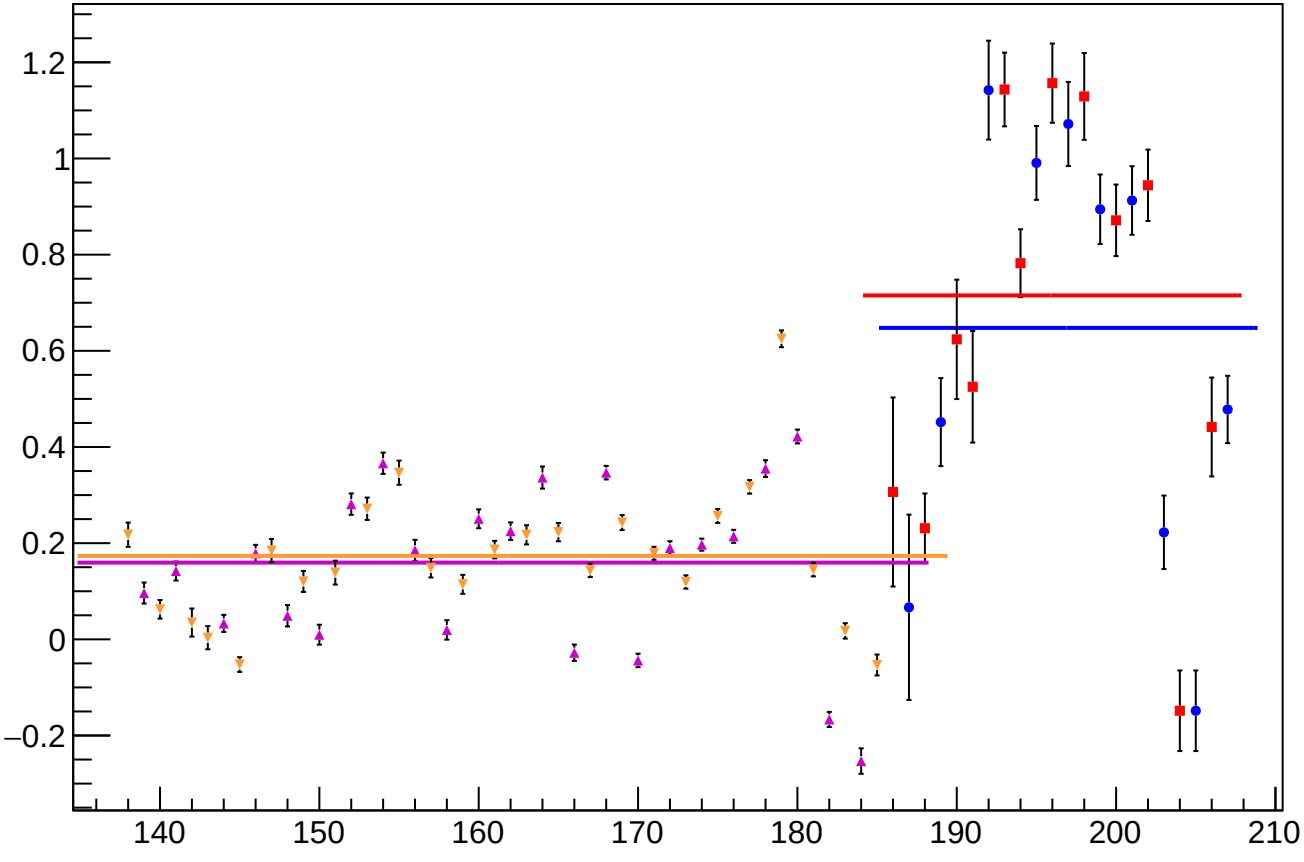
Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

+ sign -28.983+/-0.078 χ^2/NDF: 9381.0/34

All: -28.749+/-0.055 χ^2/NDF: 16539.8/69

- sign -28.507+/-0.079 χ^2/NDF: 7140.4/34

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.648+/-0.026 χ^2/NDF: 232.7/9

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.715+/-0.025 χ^2/NDF: 261.4/11

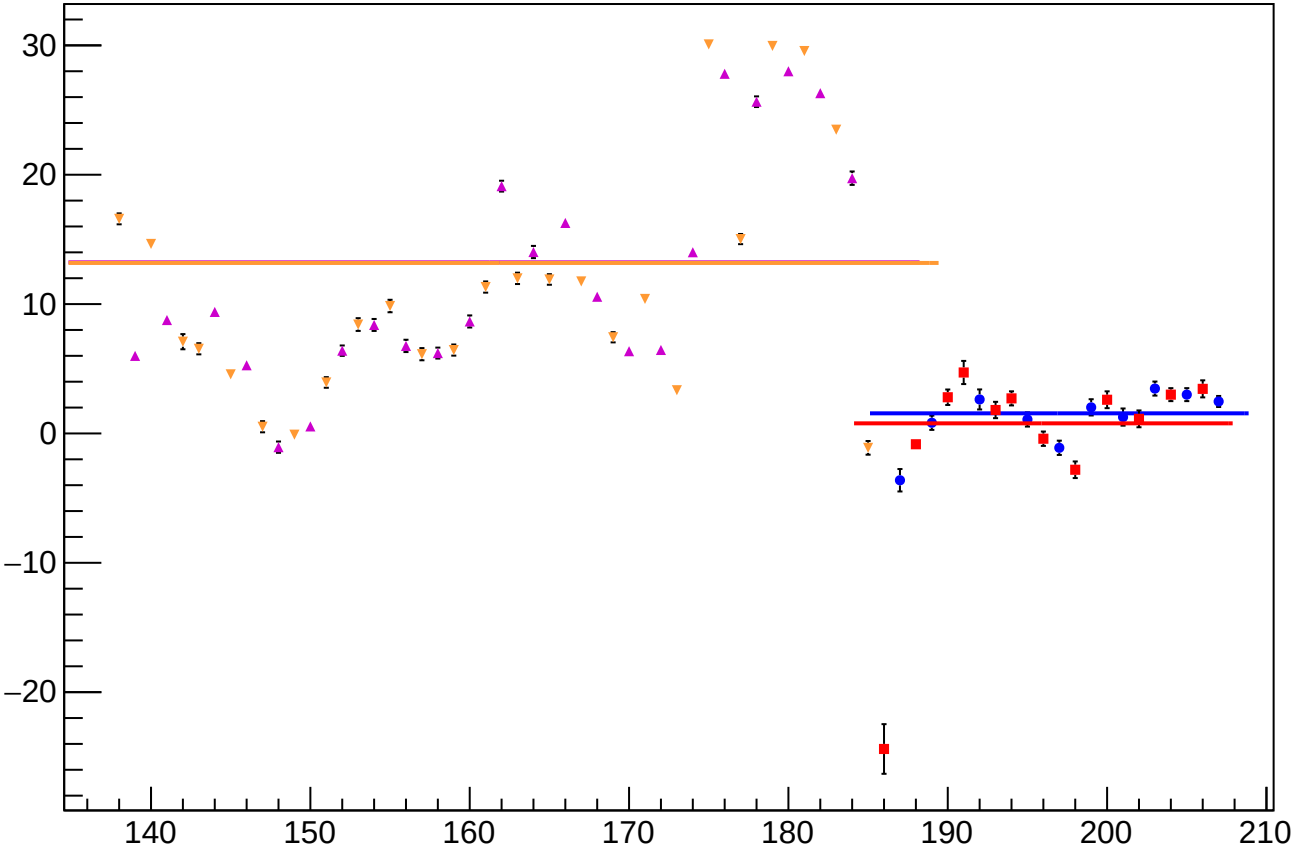
Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

+ sign 0.182+/-0.004 χ^2/NDF: 2020.9/34

All: 0.177+/-0.003 χ^2/NDF: 4833.6/69

- sign 0.171+/-0.004 χ^2/NDF: 2807.9/34

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.555+/-0.181 χ^2/NDF: 89.4/9

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.781+/-0.159 χ^2/NDF: 330.6/11

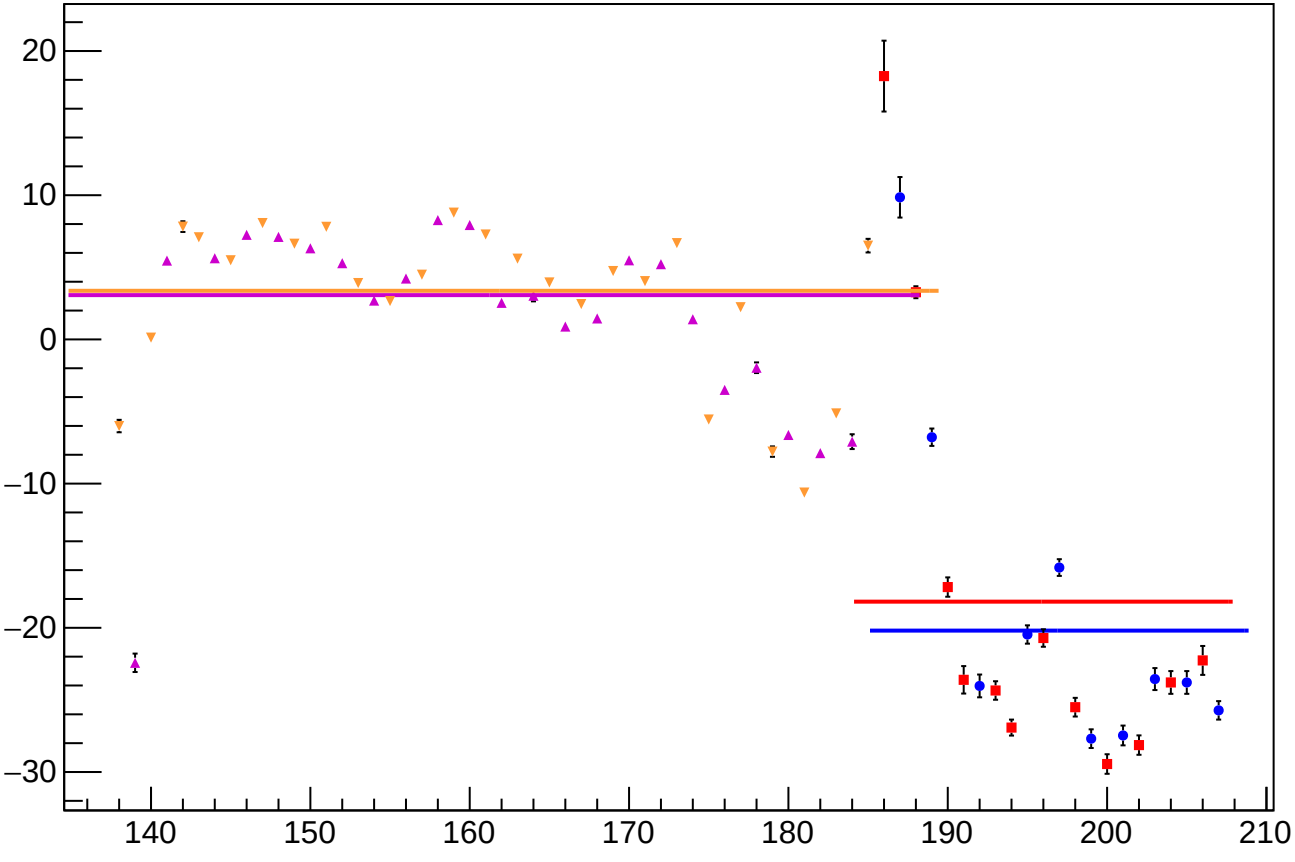
Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

+ sign 11.461+/-0.070 χ^2/NDF: 20648.0/34

All: 11.172+/-0.049 χ^2/NDF: 40100.4/69

- sign 10.887+/-0.069 χ^2/NDF: 19418.2/34

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -20.194+/-0.220 χ^2/NDF: 1394.3/9

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -18.186+/-0.192 χ^2/NDF: 3983.0/11

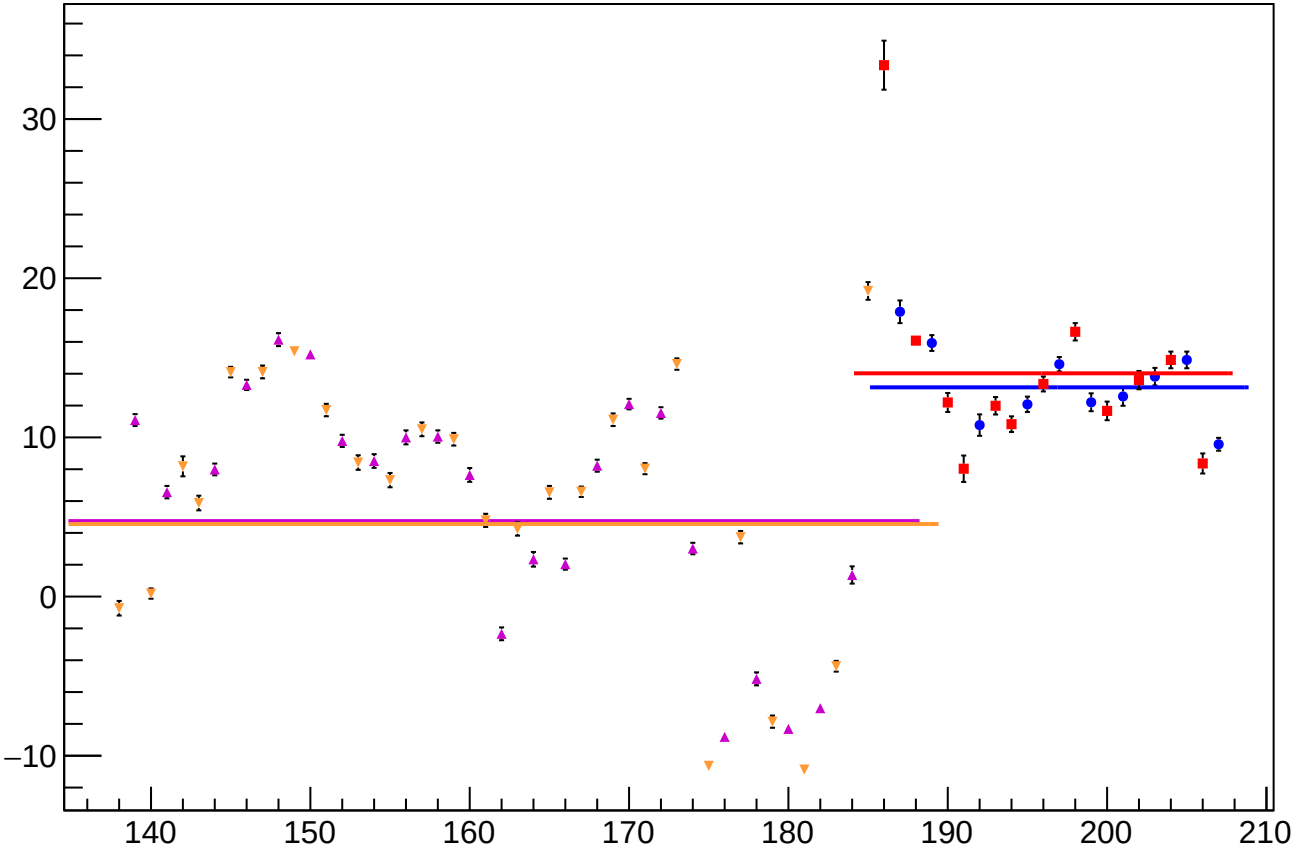
Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

+ sign 1.819+/-0.057 χ^2/NDF: 20128.8/34

All: 1.495+/-0.040 χ^2/NDF: 42586.8/69

- sign 1.160+/-0.058 χ^2/NDF: 22391.4/34

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 13.145+/-0.166 χ^2/NDF: 197.3/9

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.026+/-0.140 χ^2/NDF: 481.2/11

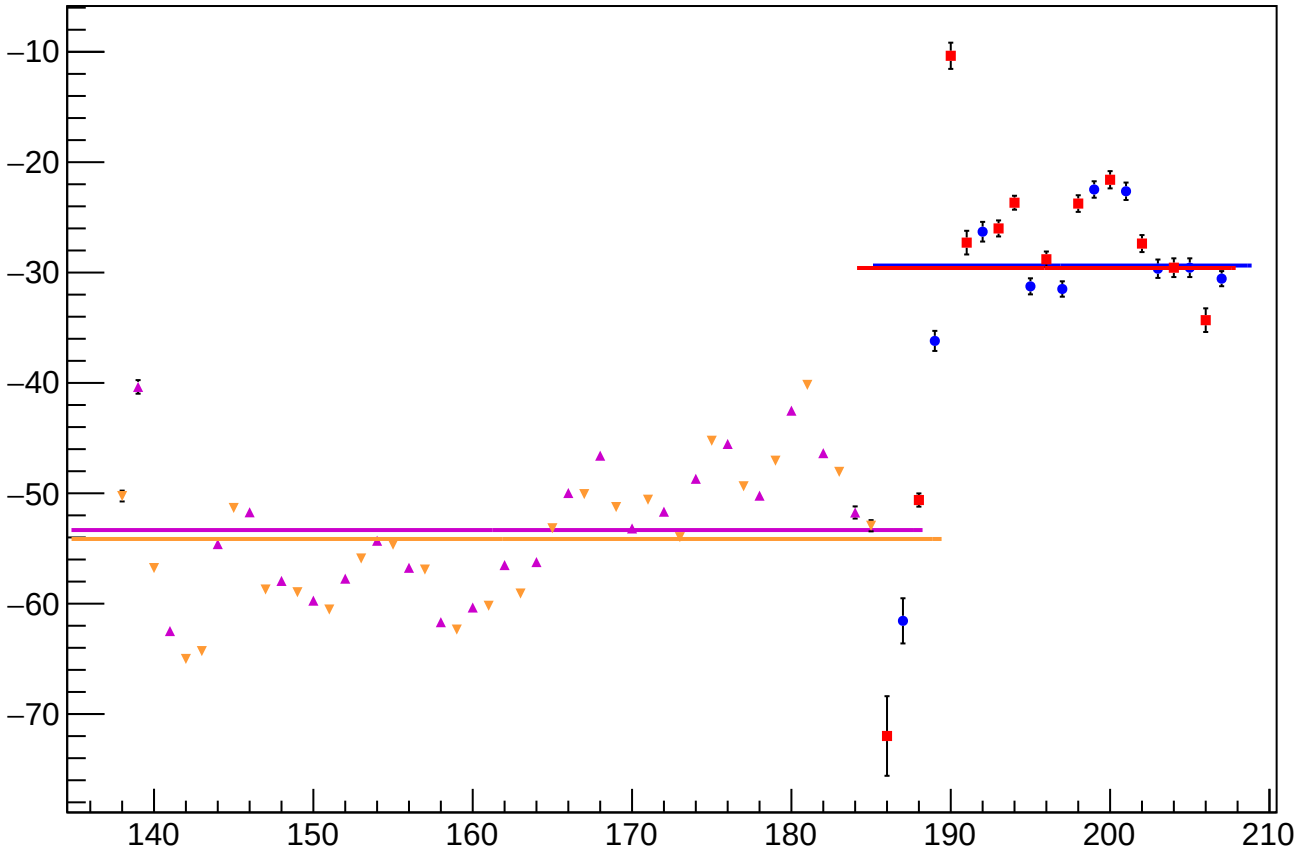
Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

+ sign 6.036+/-0.069 χ^2/NDF: 16011.2/34

All: 6.468+/-0.048 χ^2/NDF: 31388.4/69

- sign 6.879+/-0.067 χ^2/NDF: 15300.0/34

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -29.365+/-0.258 χ^2/NDF: 493.2/9

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -29.586+/-0.234 χ^2/NDF: 1942.3/11

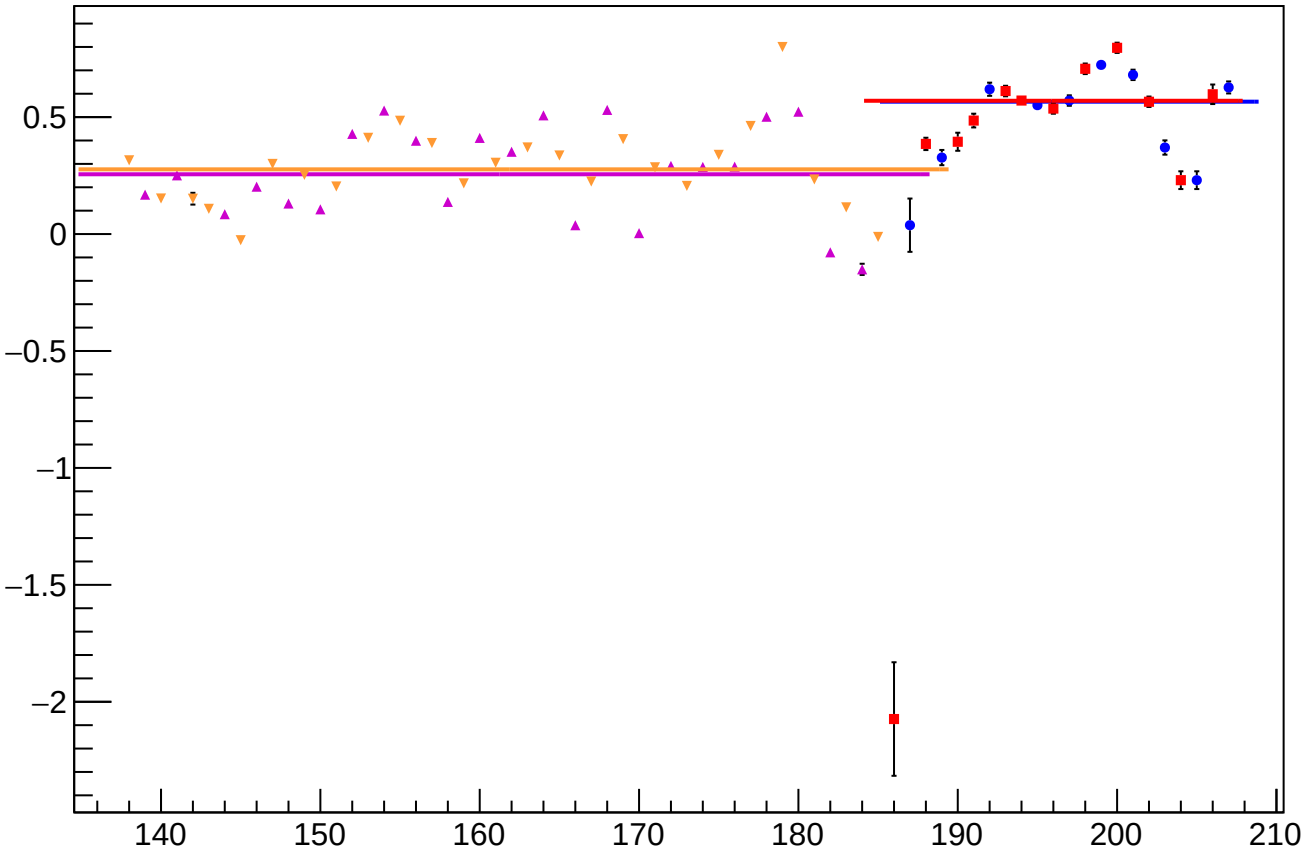
Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

+ sign -52.593+/-0.064 χ^2/NDF: 17439.1/34

All: -52.042+/-0.046 χ^2/NDF: 35935.6/69

- sign -51.473+/-0.066 χ^2/NDF: 18348.0/34

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.566+/-0.008 χ^2/NDF: 284.3/9

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.570+/-0.008 χ^2/NDF: 425.8/11

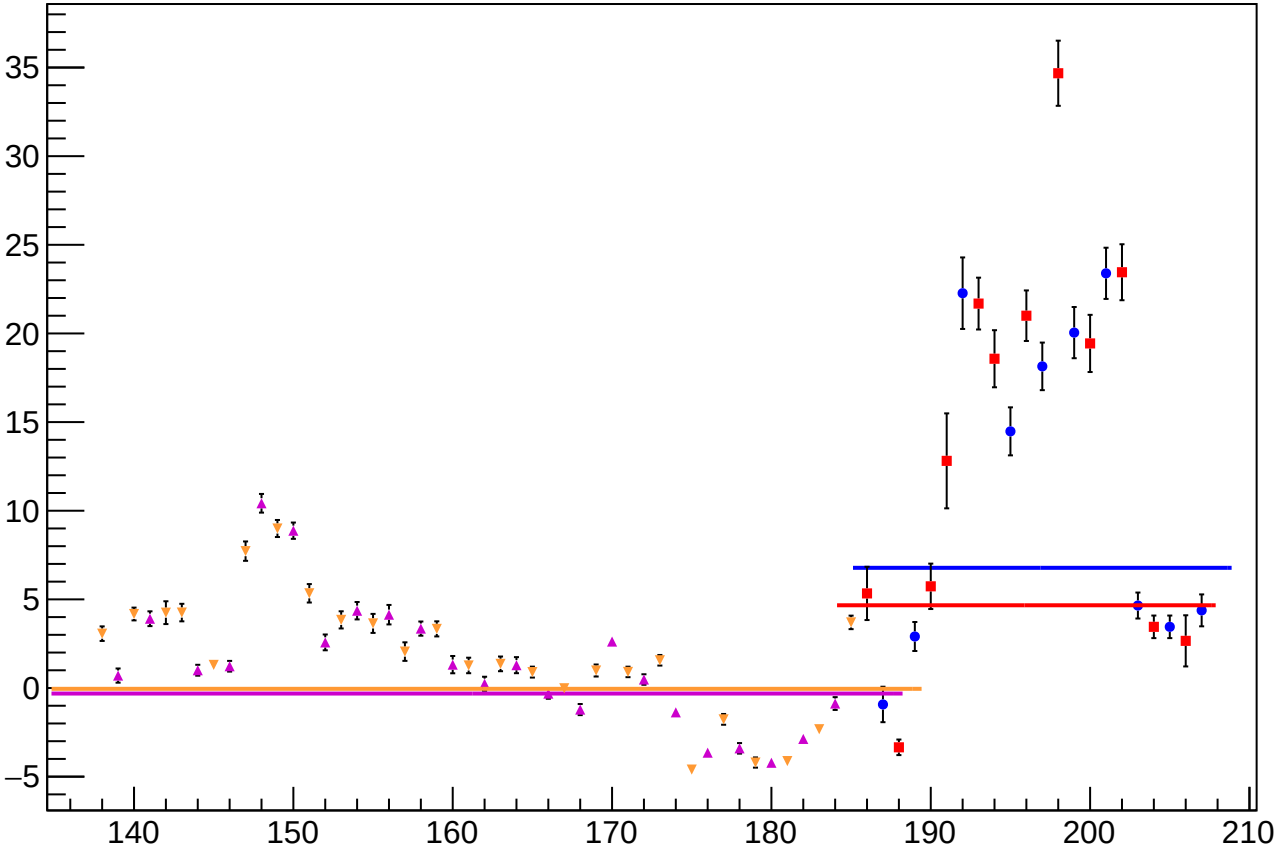
Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

+ sign 0.310+/-0.003 χ^2/NDF: 3919.9/34

All: 0.305+/-0.002 χ^2/NDF: 9484.4/69

- sign 0.301+/-0.003 χ^2/NDF: 5559.4/34

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 6.780+/-0.311 χ^2/NDF: 504.4/9

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 4.667+/-0.292 χ^2/NDF: 1182.6/11

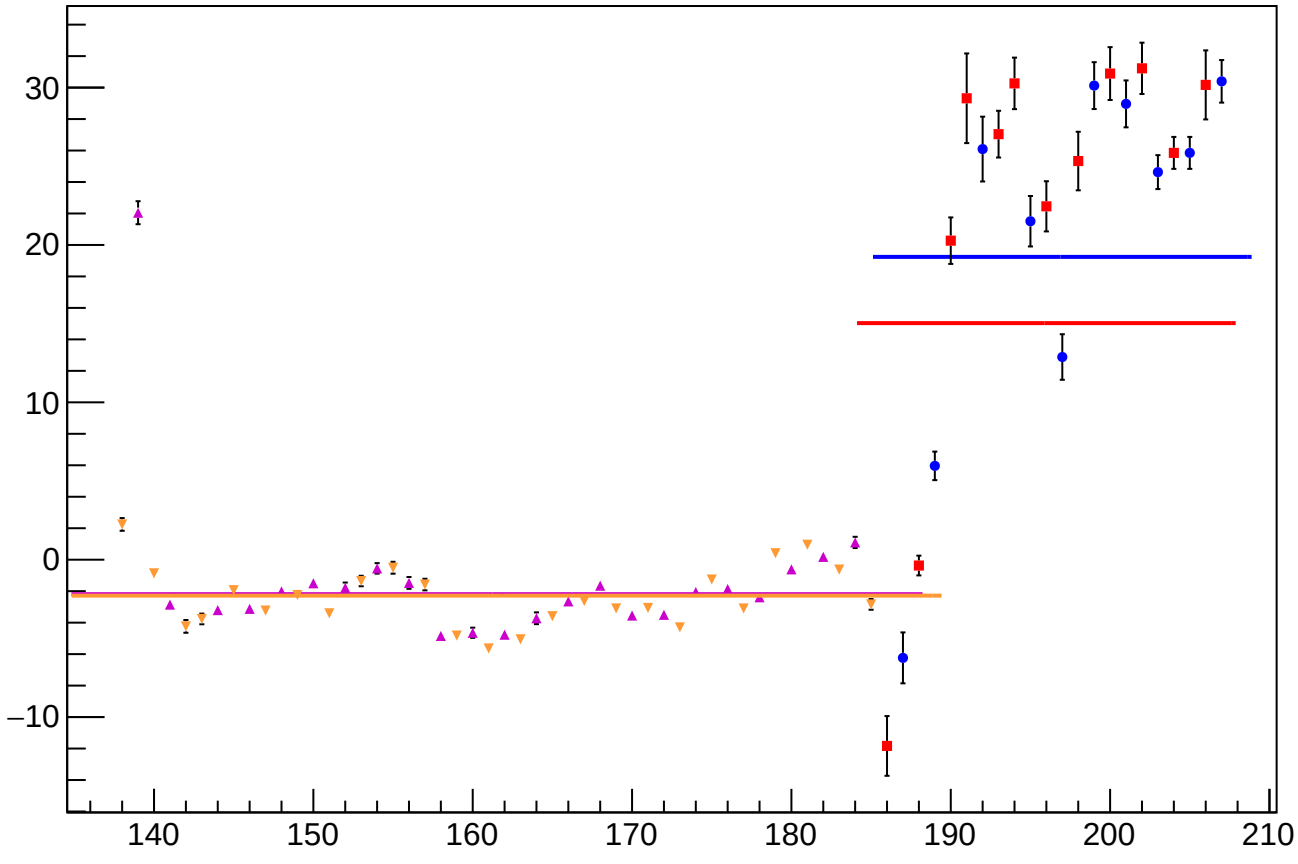
Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

+ sign 0.250+/-0.065 χ^2/NDF: 3595.3/34

All: 0.095+/-0.046 χ^2/NDF: 7318.9/69

- sign -0.062+/-0.065 χ^2/NDF: 3712.0/34

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 19.242+/-0.409 χ^2/NDF: 726.2/9

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 15.033+/-0.383 χ^2/NDF: 1393.4/11

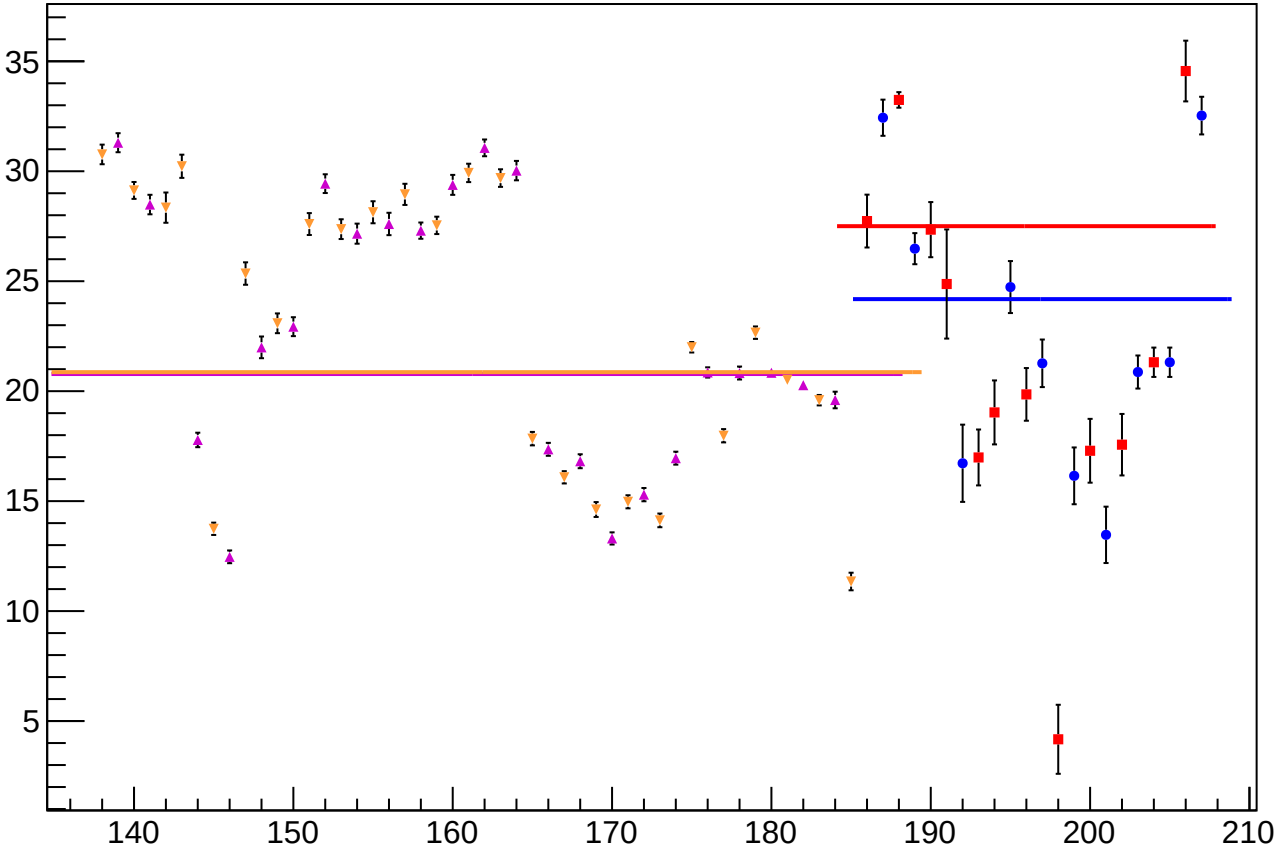
Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

+ sign -1.911+/-0.054 χ^2/NDF: 4580.1/34

All: -1.877+/-0.038 χ^2/NDF: 9739.8/69

- sign -1.843+/-0.054 χ^2/NDF: 5158.9/34

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 24.185+/-0.289 χ^2/NDF: 378.4/9

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 27.503+/-0.255 χ^2/NDF: 840.6/11

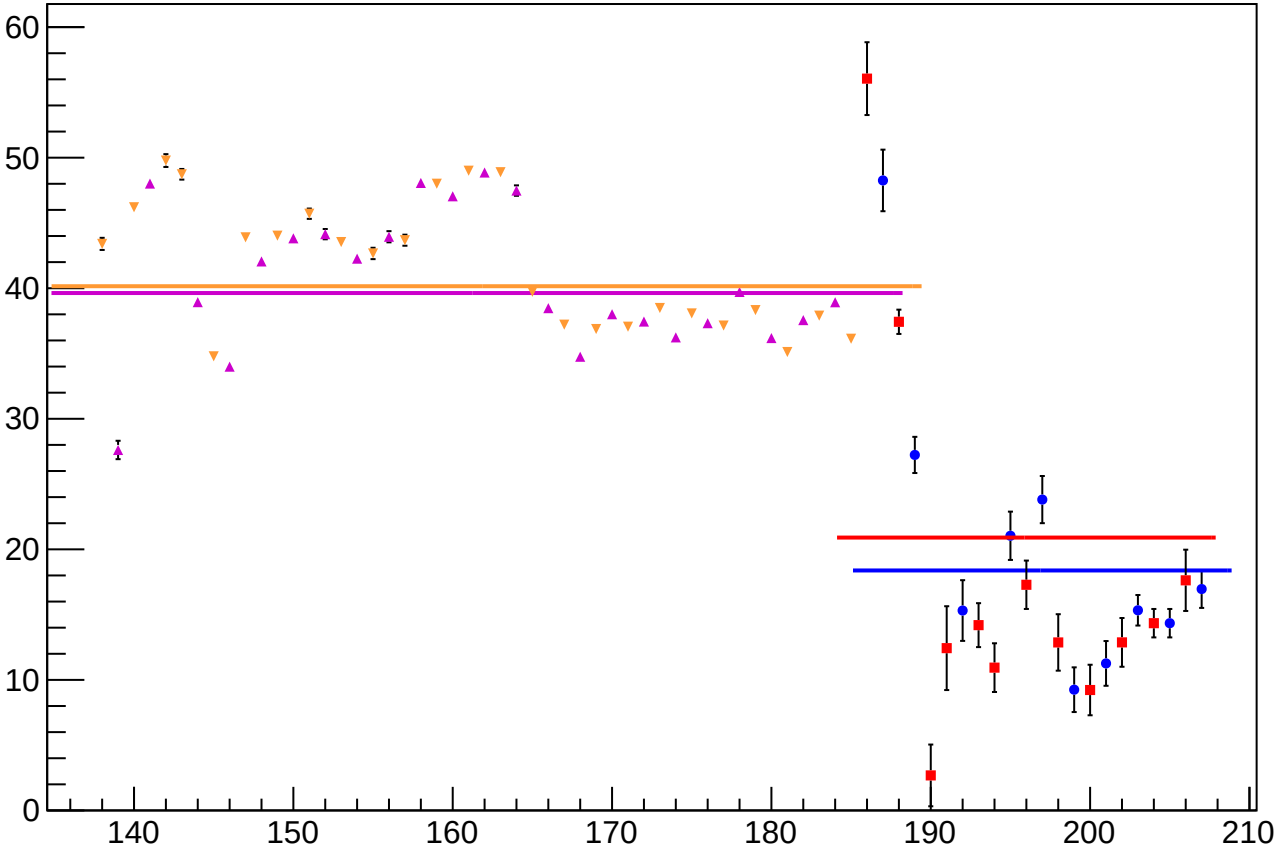
Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

+ sign 21.033+/-0.065 χ^2/NDF: 7112.0/34

All: 21.126+/-0.046 χ^2/NDF: 14596.4/69

- sign 21.218+/-0.065 χ^2/NDF: 7480.4/34

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 18.382+/-0.487 χ^2/NDF: 281.4/9

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 20.902+/-0.483 χ^2/NDF: 696.1/11

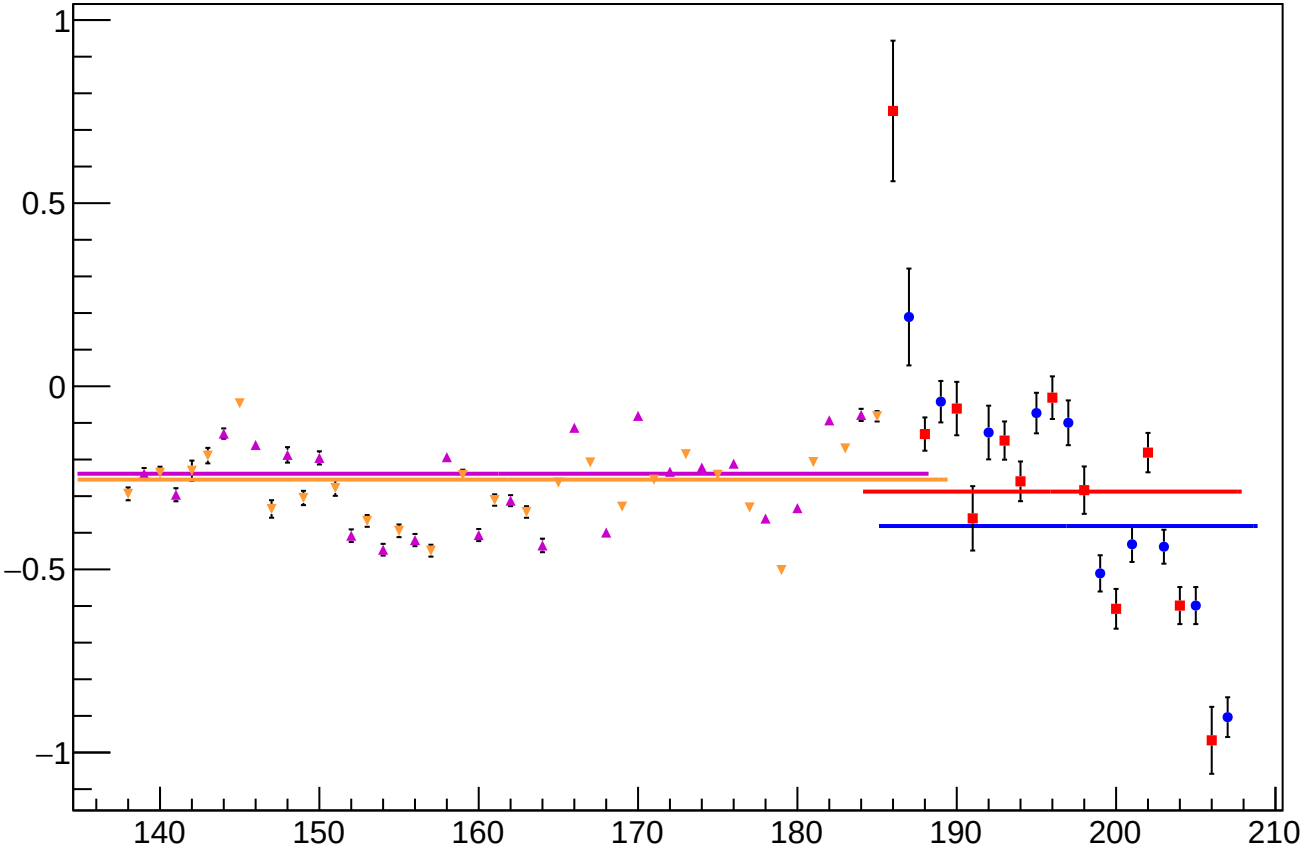
Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

+ sign 39.823+/-0.060 χ^2/NDF: 8112.2/34

All: 39.583+/-0.043 χ^2/NDF: 15663.4/69

- sign 39.336+/-0.061 χ^2/NDF: 7518.7/34

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.382+/-0.018 χ^2/NDF: 239.1/9

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.288+/-0.018 χ^2/NDF: 210.1/11

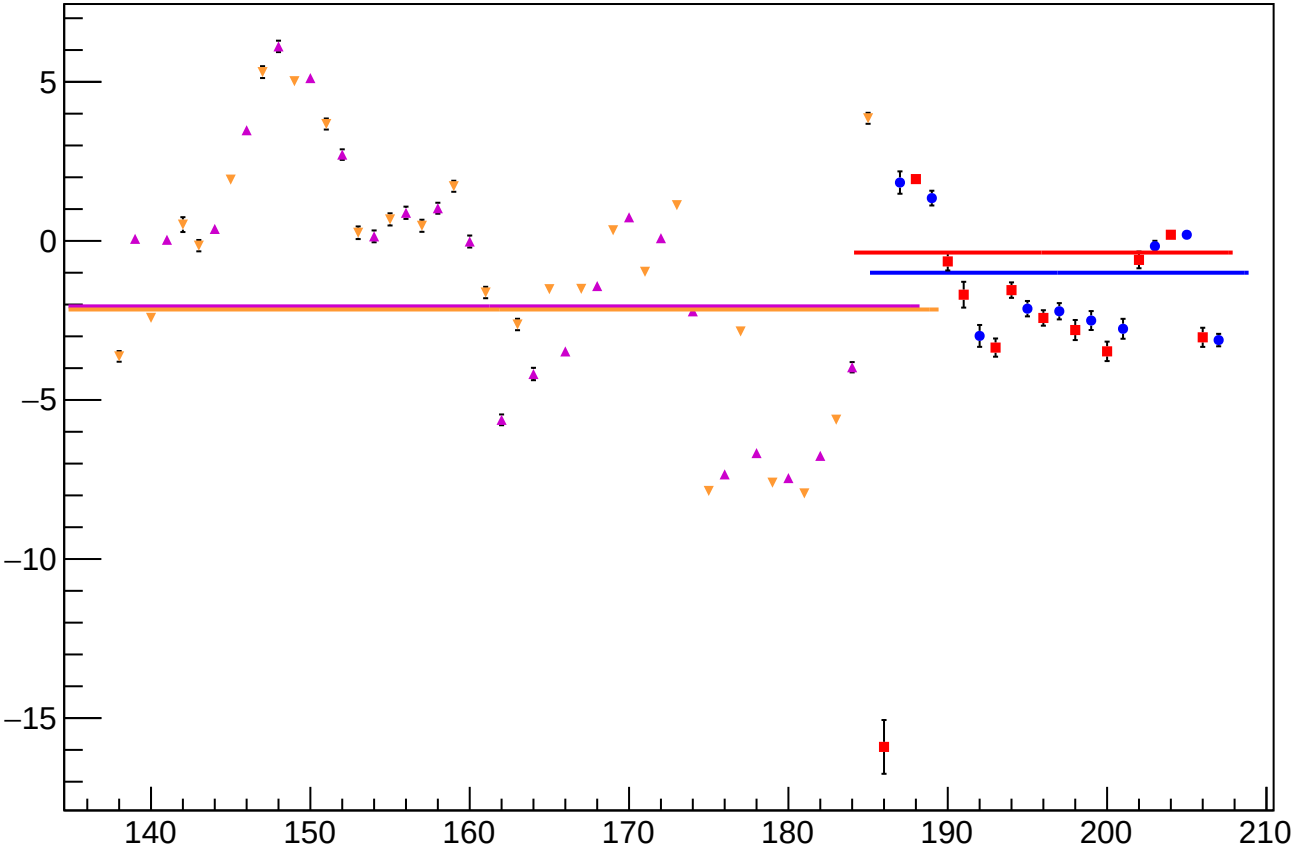
Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

+ sign -0.258+/-0.003 χ^2/NDF: 1706.7/34

All: -0.249+/-0.002 χ^2/NDF: 3695.6/69

- sign -0.240+/-0.003 χ^2/NDF: 1967.7/34

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -1.000+/-0.072 χ^2/NDF: 501.6/9

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -0.366+/-0.065 χ^2/NDF: 1251.9/11

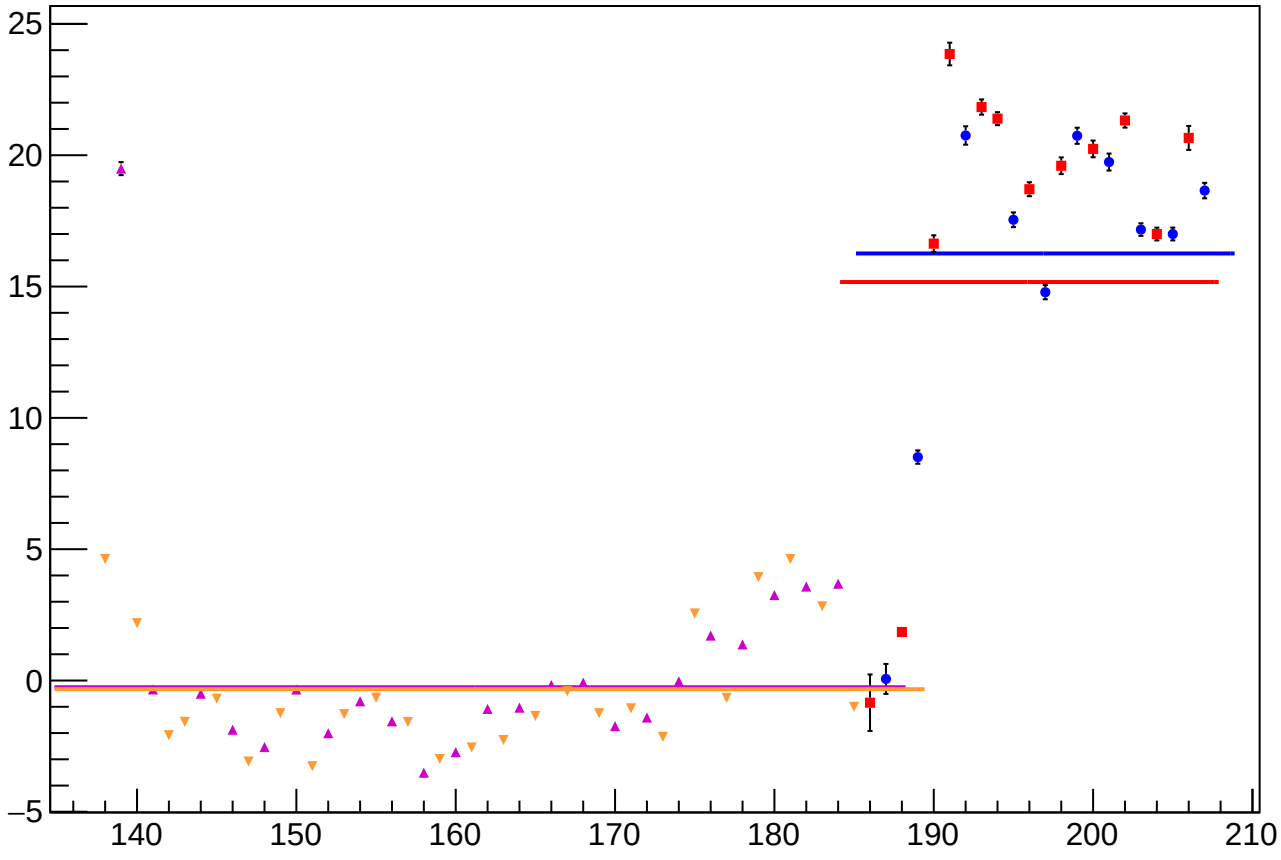
Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

+ sign -2.027+/-0.024 χ^2/NDF: 25229.7/34

All: -1.926+/-0.017 χ^2/NDF: 50443.6/69

- sign -1.826+/-0.024 χ^2/NDF: 25179.2/34

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 16.260+/-0.092 χ^2/NDF: 2367.1/9

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 15.172+/-0.081 χ^2/NDF: 9955.5/11

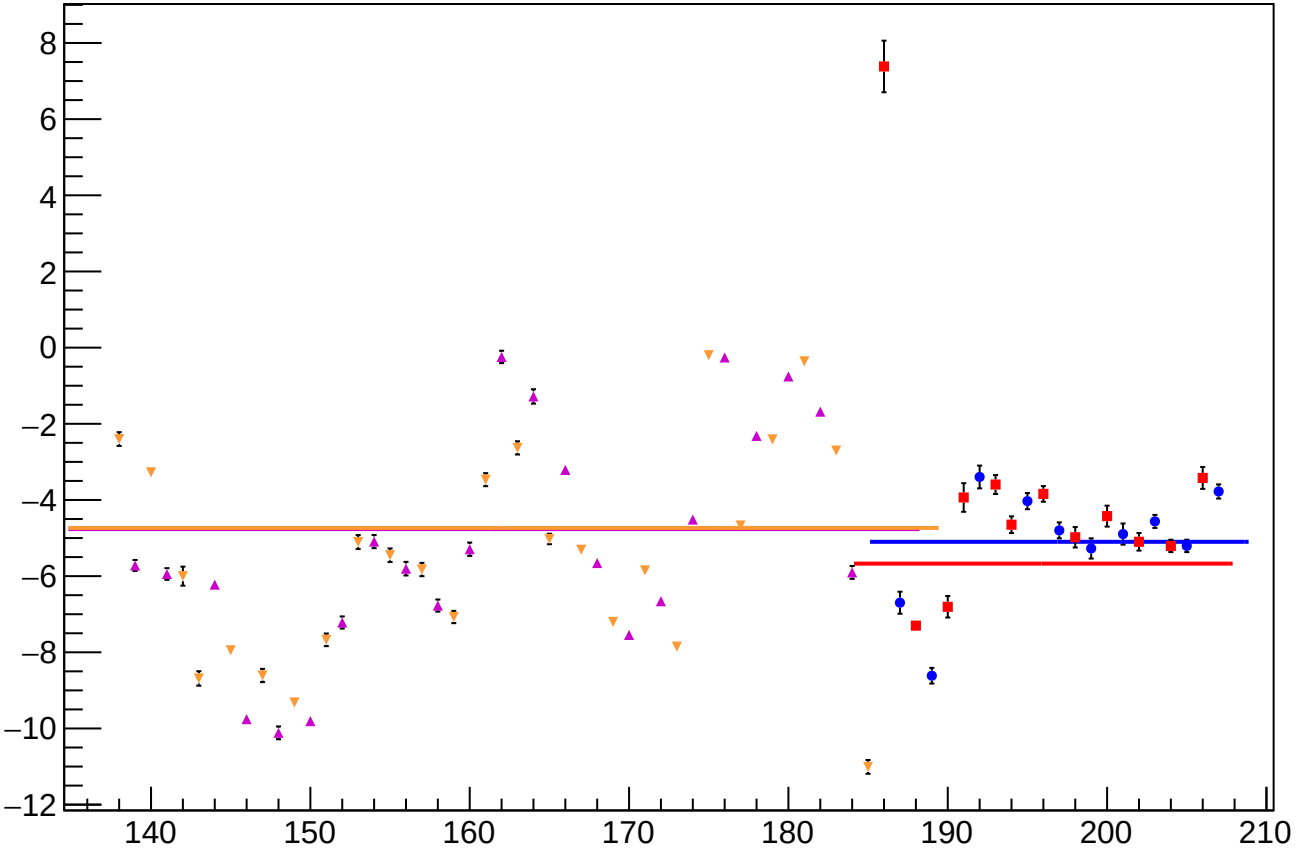
Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

+ sign 0.469+/-0.020 χ^2/NDF: 46125.3/34

All: 0.585+/-0.014 χ^2/NDF: 104160.4/69

- sign 0.701+/-0.020 χ^2/NDF: 57969.0/34

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -5.098+/-0.068 χ^2/NDF: 442.1/9

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -5.671+/-0.057 χ^2/NDF: 1017.9/11

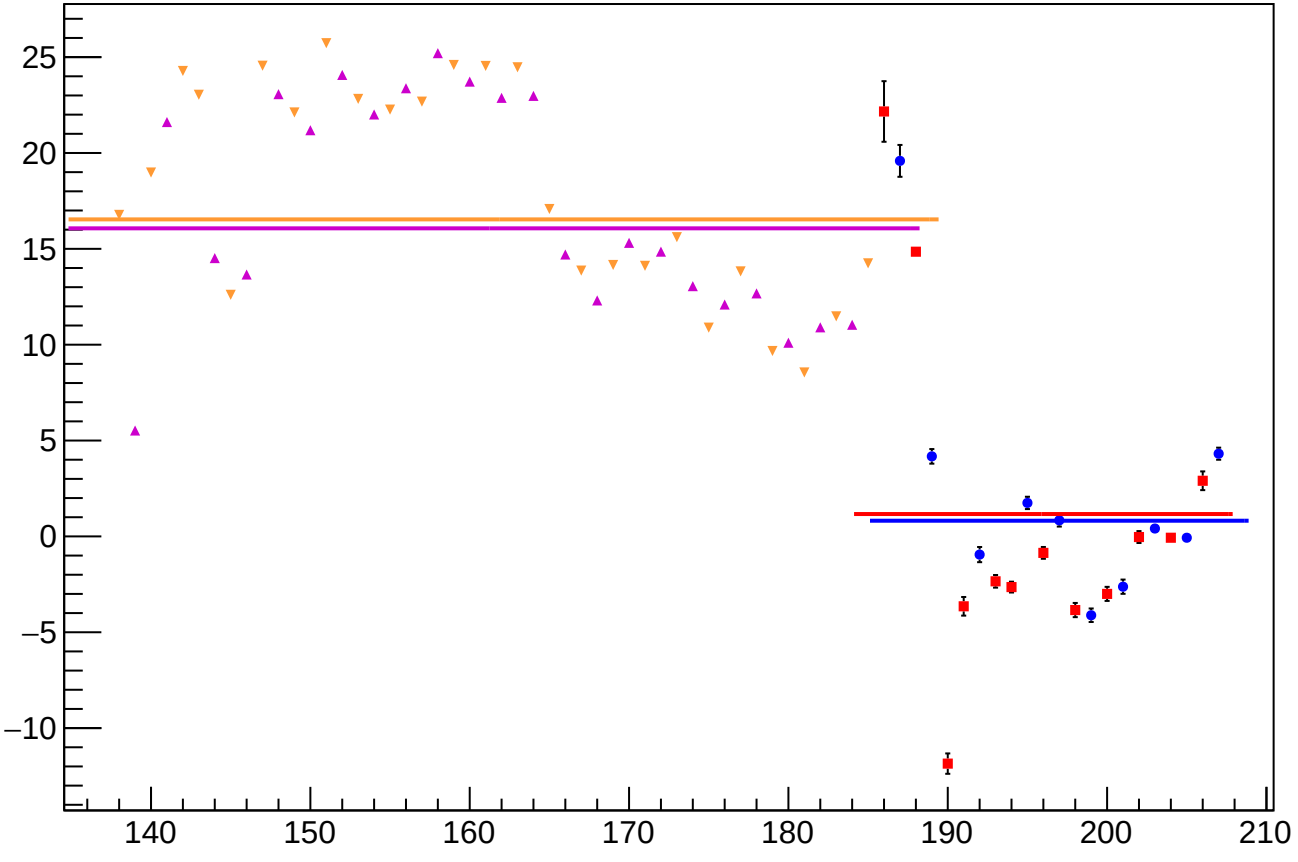
Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

+ sign -4.781+/-0.024 χ^2/NDF: 13656.2/34

All: -4.851+/-0.017 χ^2/NDF: 29061.6/69

- sign -4.919+/-0.024 χ^2/NDF: 15388.7/34

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.818+/-0.106 χ^2/NDF: 1034.0/9

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 1.167+/-0.099 χ^2/NDF: 4996.5/11

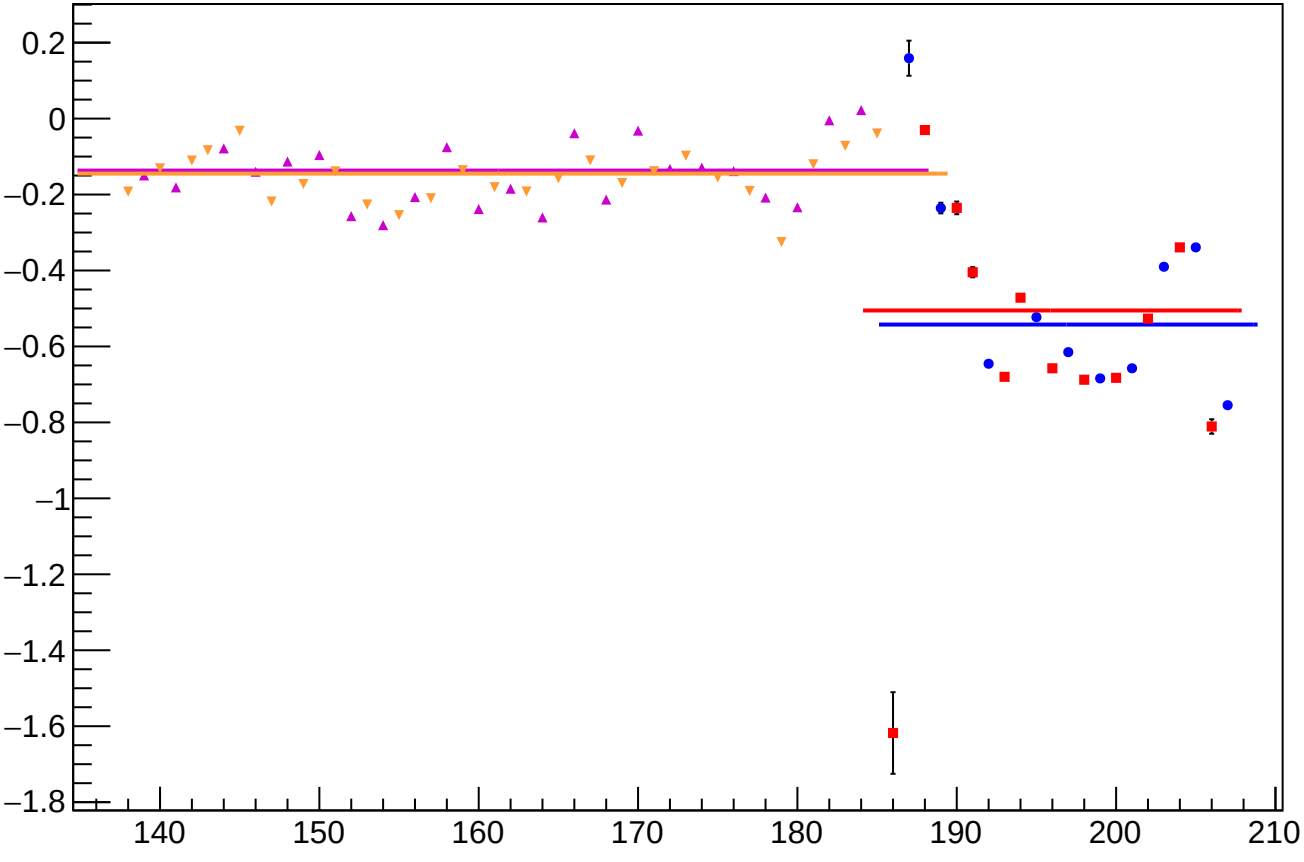
Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

+ sign 15.823+/-0.023 χ^2/NDF: 75438.3/34

All: 15.550+/-0.016 χ^2/NDF: 145013.5/69

- sign 15.273+/-0.023 χ^2/NDF: 69282.6/34

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.542+/-0.004 χ^2/NDF: 2029.4/9

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.505+/-0.003 χ^2/NDF: 4100.4/11

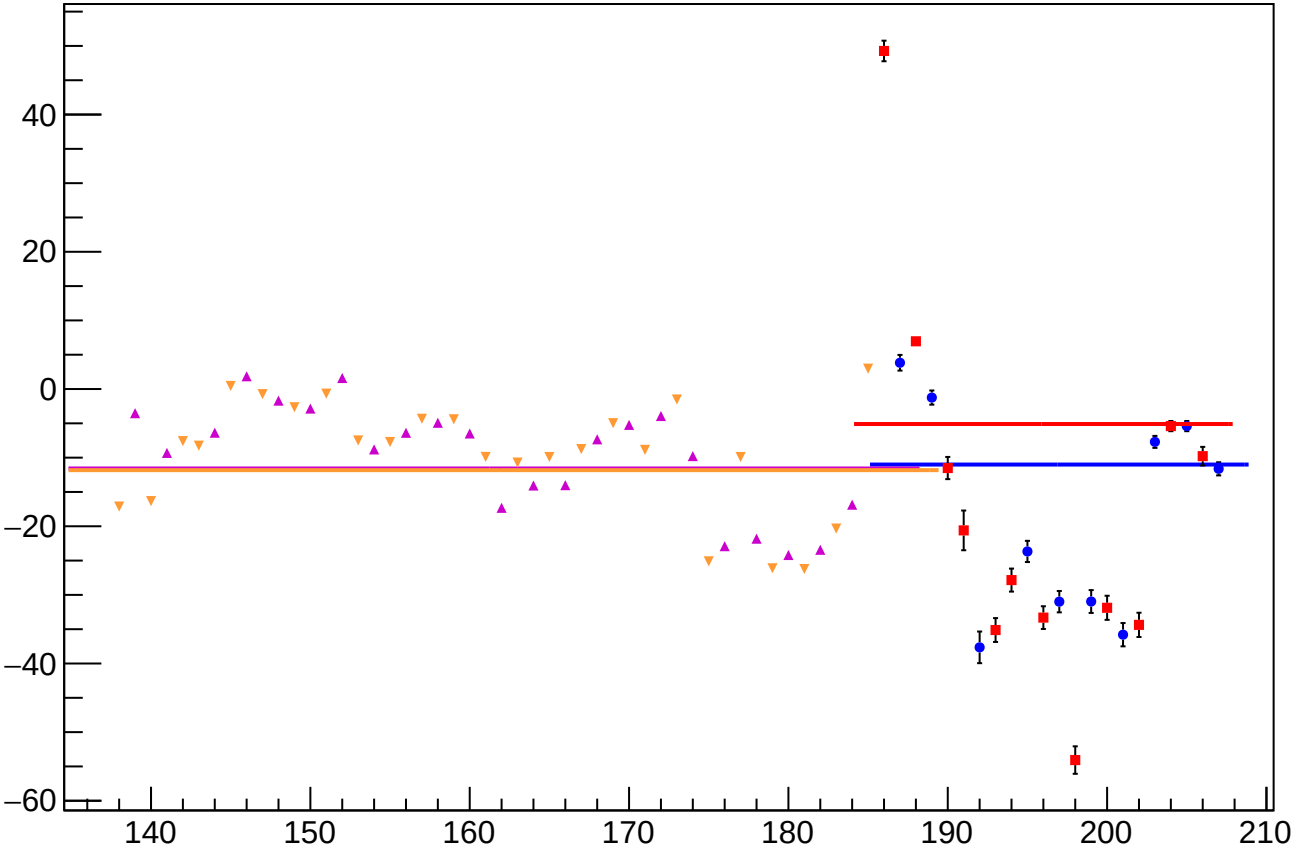
Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

+ sign -0.176+/-0.001 χ^2/NDF: 16898.3/34

All: -0.174+/-0.001 χ^2/NDF: 37899.4/69

- sign -0.172+/-0.001 χ^2/NDF: 20994.2/34

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -11.006+/-0.362 χ^2/NDF: 1051.4/9

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: -5.099+/-0.339 χ^2/NDF: 3752.5/11

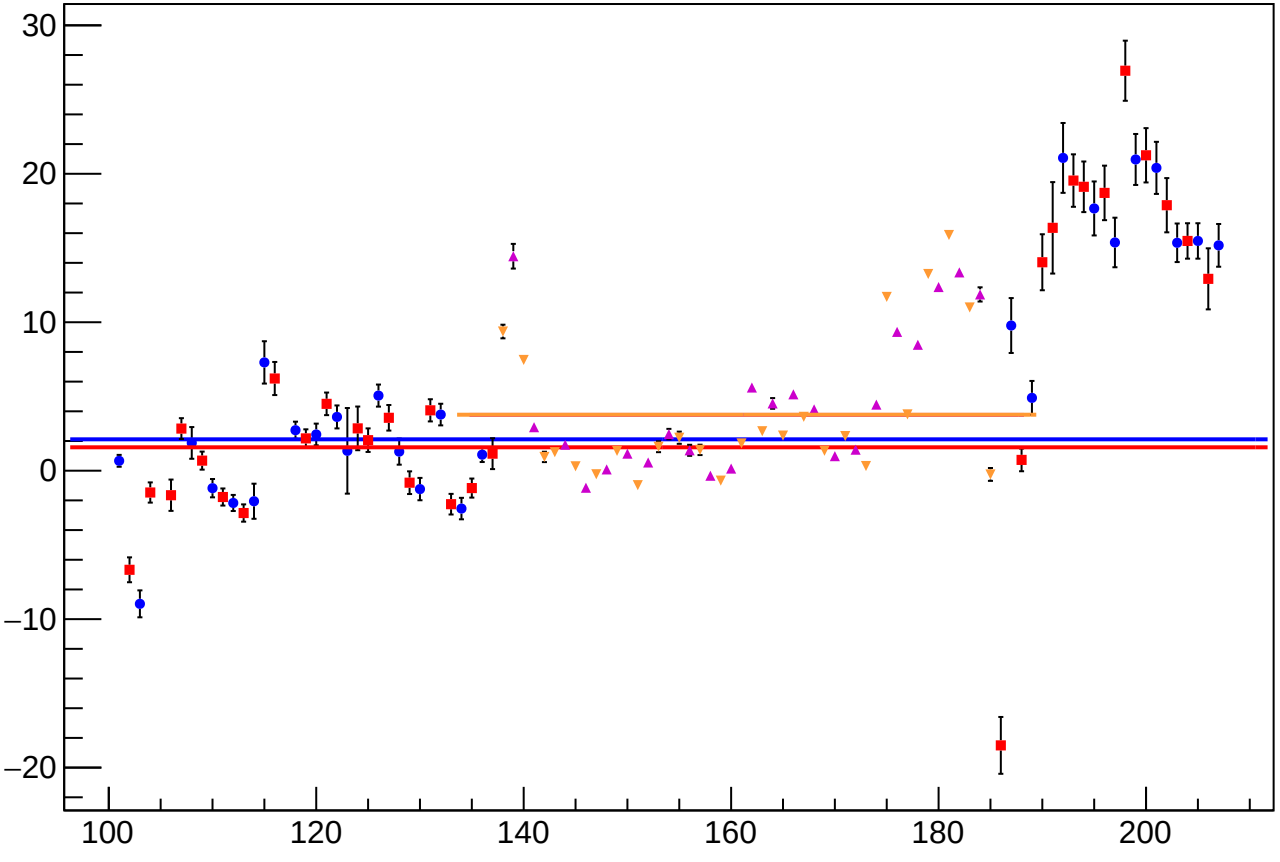
Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

+ sign -11.793+/-0.069 χ^2/NDF: 18333.6/34

All: -11.551+/-0.049 χ^2/NDF: 36705.2/69

- sign -11.306+/-0.070 χ^2/NDF: 18346.9/34

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 2.113+/-0.159 χ^2/NDF: 1136.8/26

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 1.575+/-0.163 χ^2/NDF: 1325.3/29

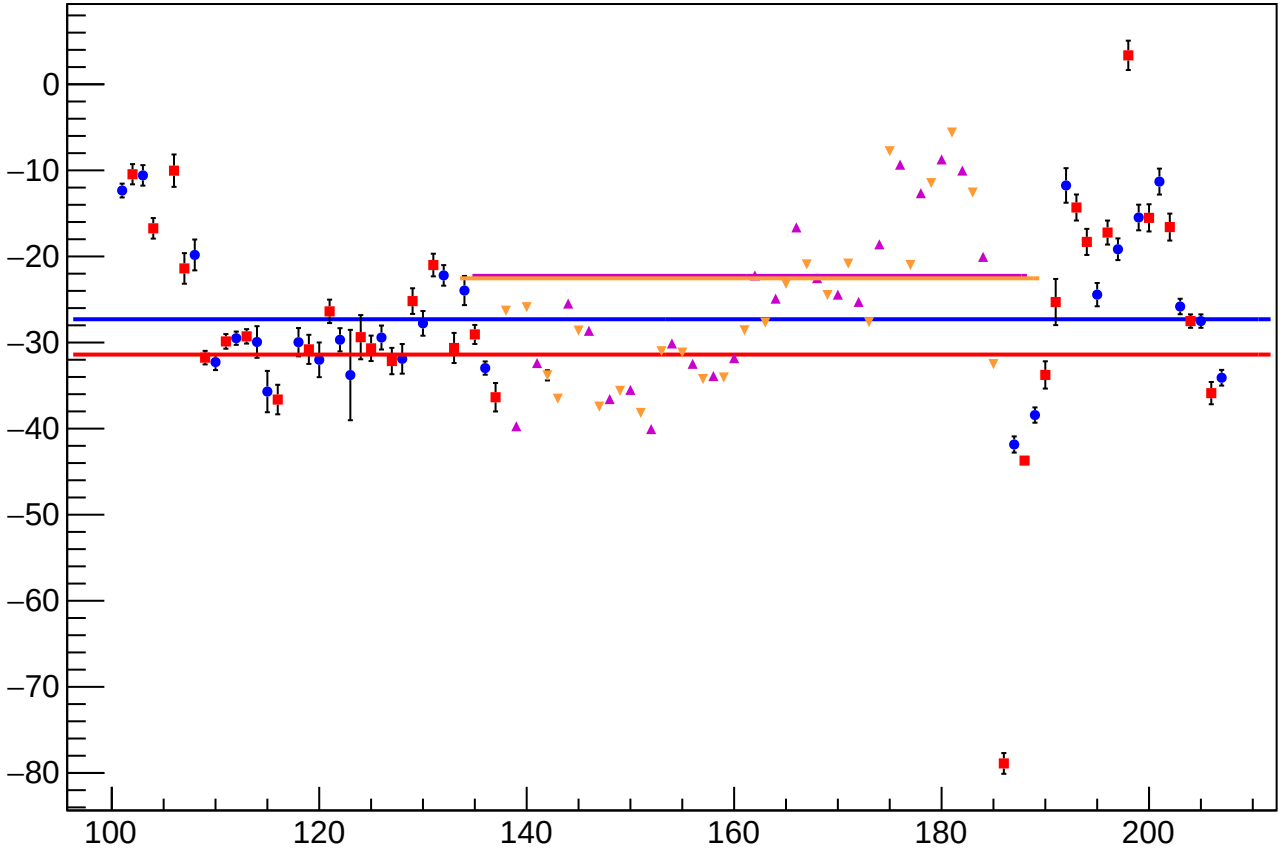
Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

+ sign 3.590+/-0.053 χ^2/NDF: 8653.5/51

All: 3.556+/-0.037 χ^2/NDF: 15795.3/104

- sign 3.521+/-0.053 χ^2/NDF: 7140.9/52

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -27.295+/-0.224 χ^2/NDF: 1447.2/26

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -31.397+/-0.210 χ^2/NDF: 4073.1/29

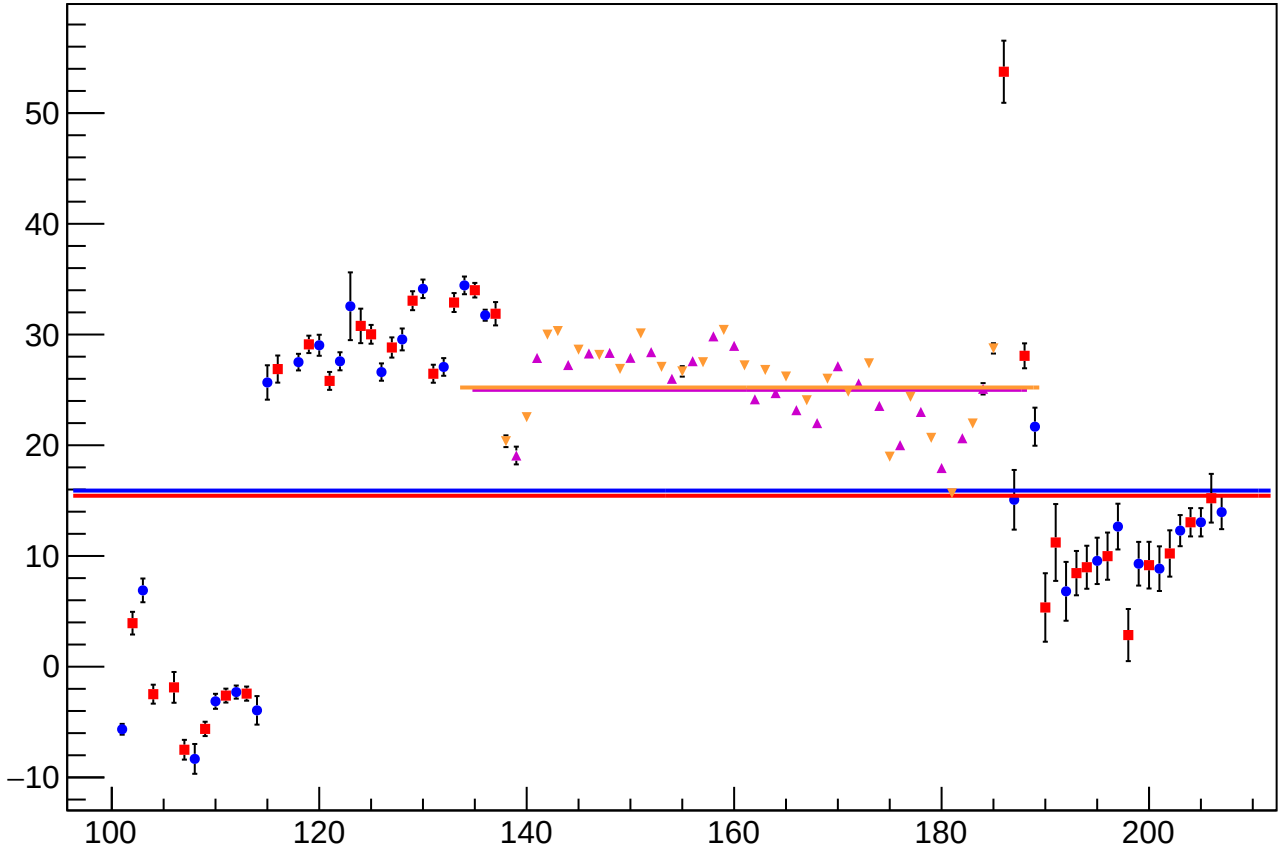
Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

+ sign -22.972+/-0.068 χ^2/NDF: 21608.8/51

All: -23.085+/-0.048 χ^2/NDF: 45217.6/104

- sign -23.199+/-0.068 χ^2/NDF: 23603.1/52

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 15.907+/-0.181 χ^2/NDF: 7686.0/26

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.440+/-0.186 χ^2/NDF: 7669.5/29

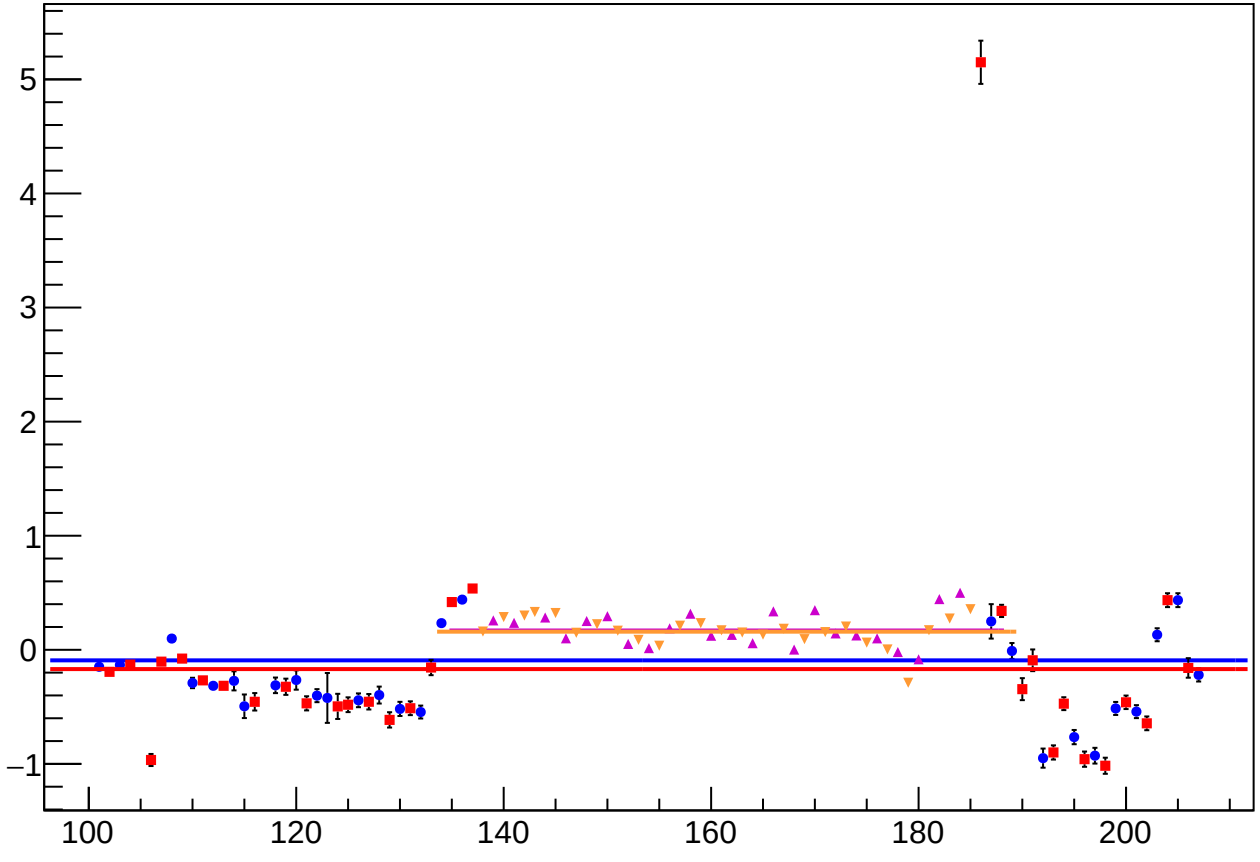
Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

+ sign 24.217+/-0.059 χ^2/NDF: 13786.1/51

All: 24.110+/-0.042 χ^2/NDF: 26571.3/104

- sign 24.000+/-0.060 χ^2/NDF: 12778.7/52

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.092+/-0.009 χ^2/NDF: 1631.0/26

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.169+/-0.009 χ^2/NDF: 2695.6/29

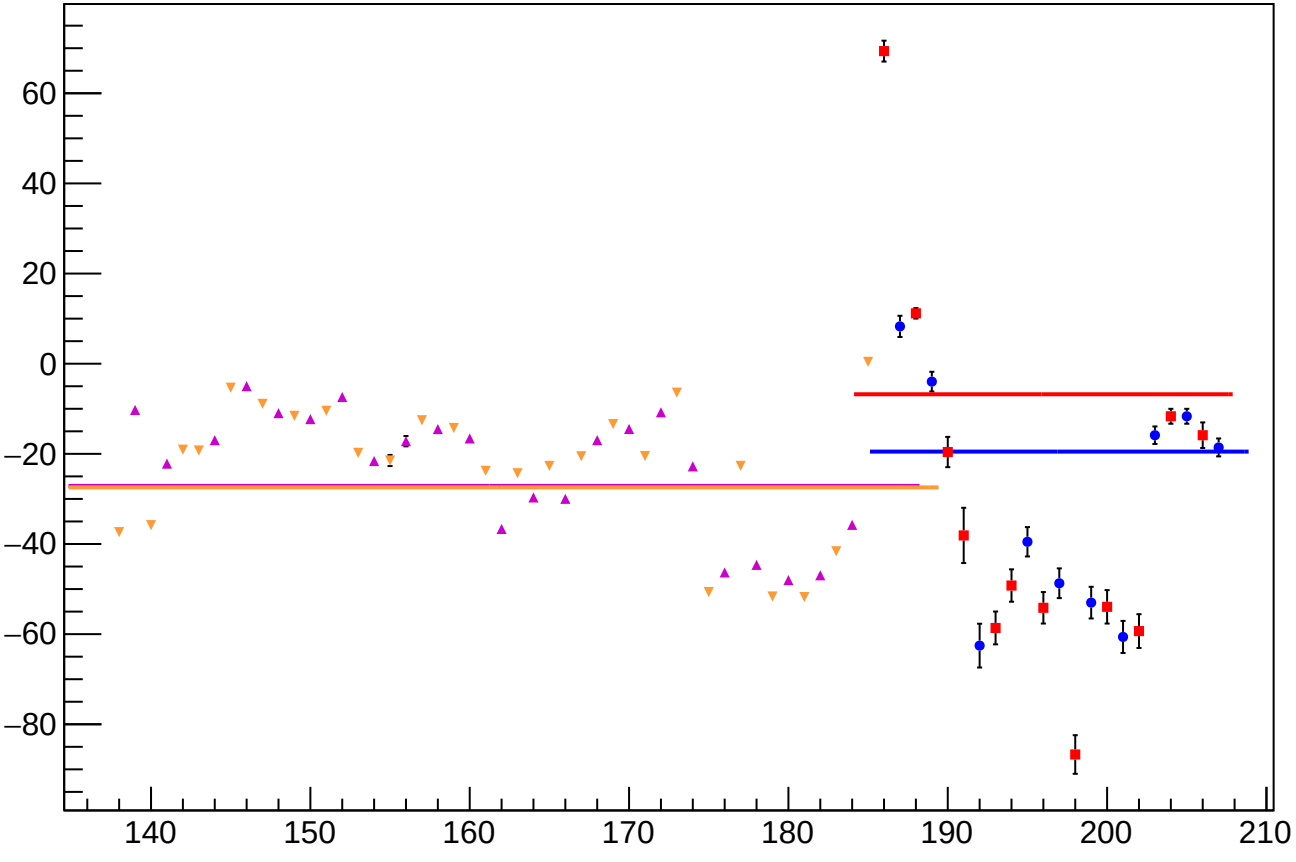
Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

+ sign 0.137+/-0.003 χ^2/NDF: 4164.9/51

All: 0.138+/-0.002 χ^2/NDF: 10521.2/104

- sign 0.138+/-0.003 χ^2/NDF: 6356.1/52

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -19.501+/-0.775 χ^2/NDF: 636.0/9

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: -6.780+/-0.713 χ^2/NDF: 2611.1/11

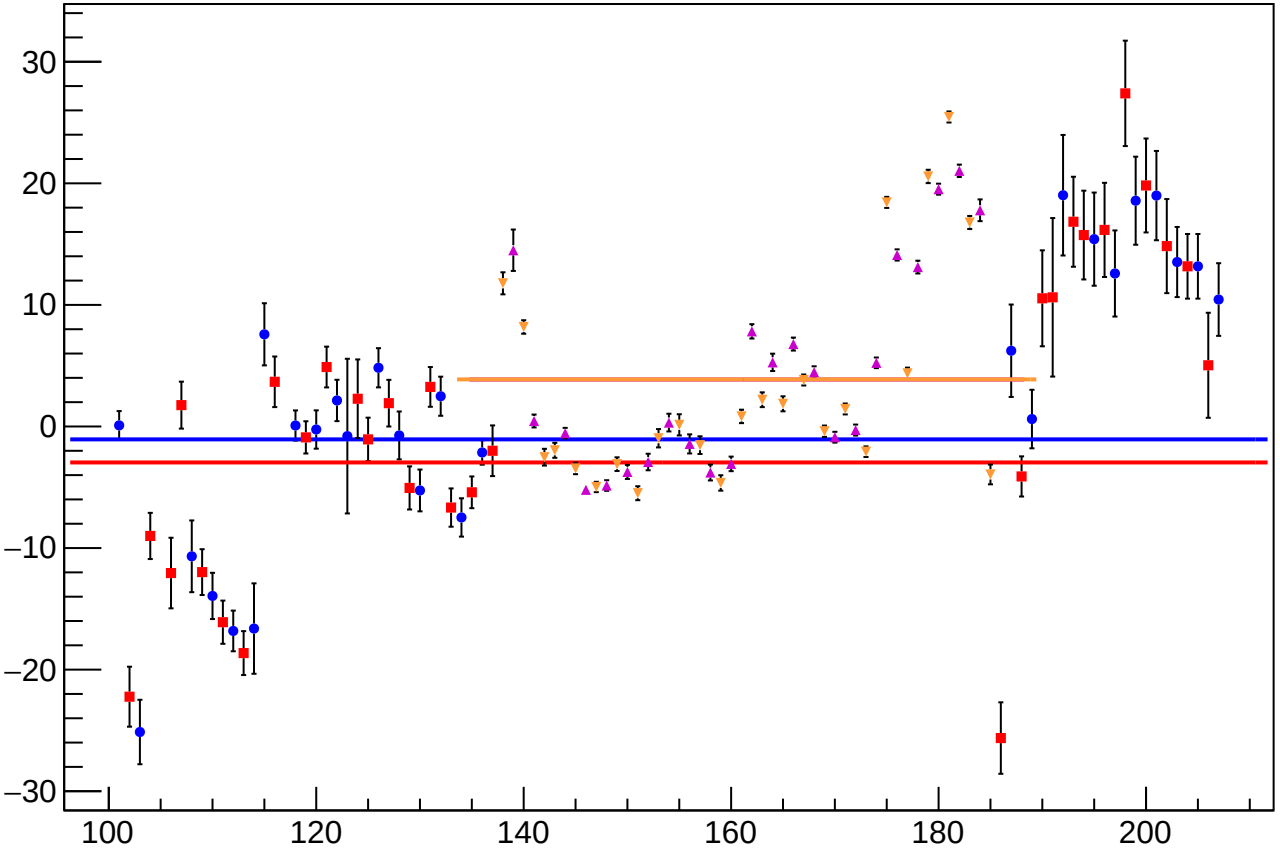
Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

+ sign -27.206+/-0.135 χ^2/NDF: 15558.5/34

All: -26.793+/-0.096 χ^2/NDF: 30415.5/69

- sign -26.373+/-0.136 χ^2/NDF: 14838.2/34

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -1.061+/-0.379 χ^2/NDF: 486.3/26

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -2.959+/-0.388 χ^2/NDF: 610.3/29

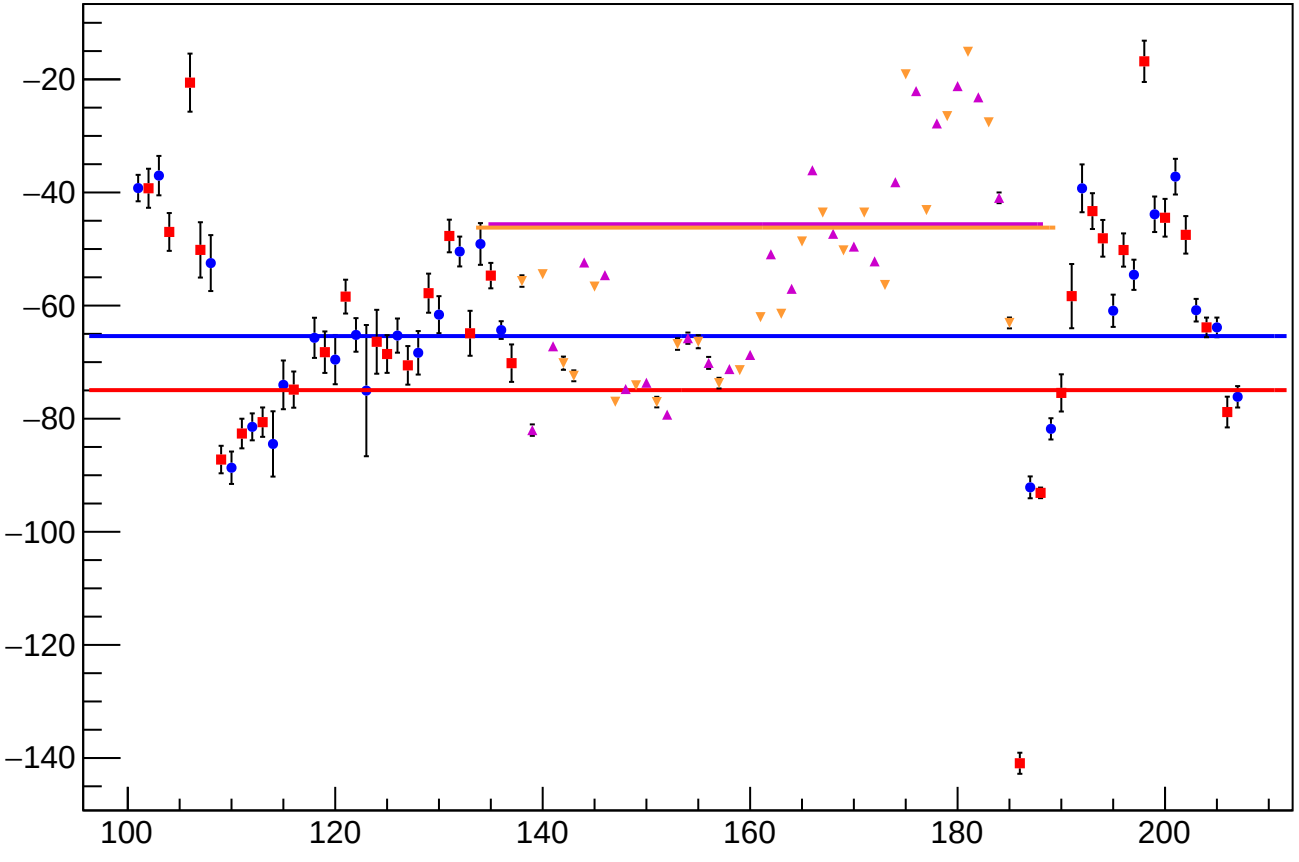
Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

+ sign 3.492+/-0.105 χ^2/NDF: 7549.0/51

All: 3.420+/-0.075 χ^2/NDF: 13884.6/104

- sign 3.346+/-0.107 χ^2/NDF: 6334.6/52

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -65.393+/-0.515 χ^2/NDF: 870.2/26

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -74.949+/-0.480 χ^2/NDF: 2925.3/29

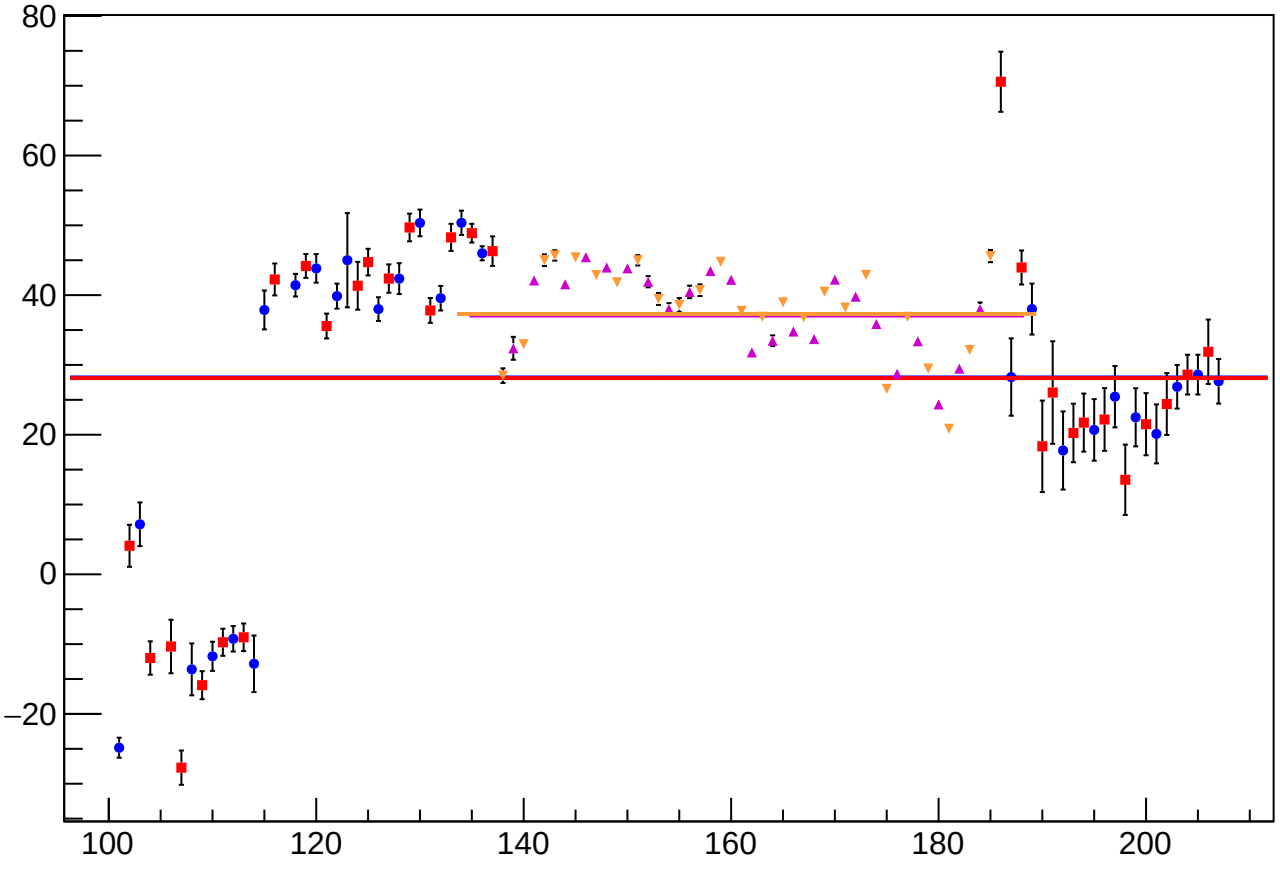
Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

+ sign -47.500+/-0.133 χ^2/NDF: 22144.9/51

All: -47.696+/-0.094 χ^2/NDF: 46268.3/104

- sign -47.894+/-0.134 χ^2/NDF: 24119.1/52

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.206+/-0.428 χ^2/NDF: 3350.3/26

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.114+/-0.443 χ^2/NDF: 3190.3/29

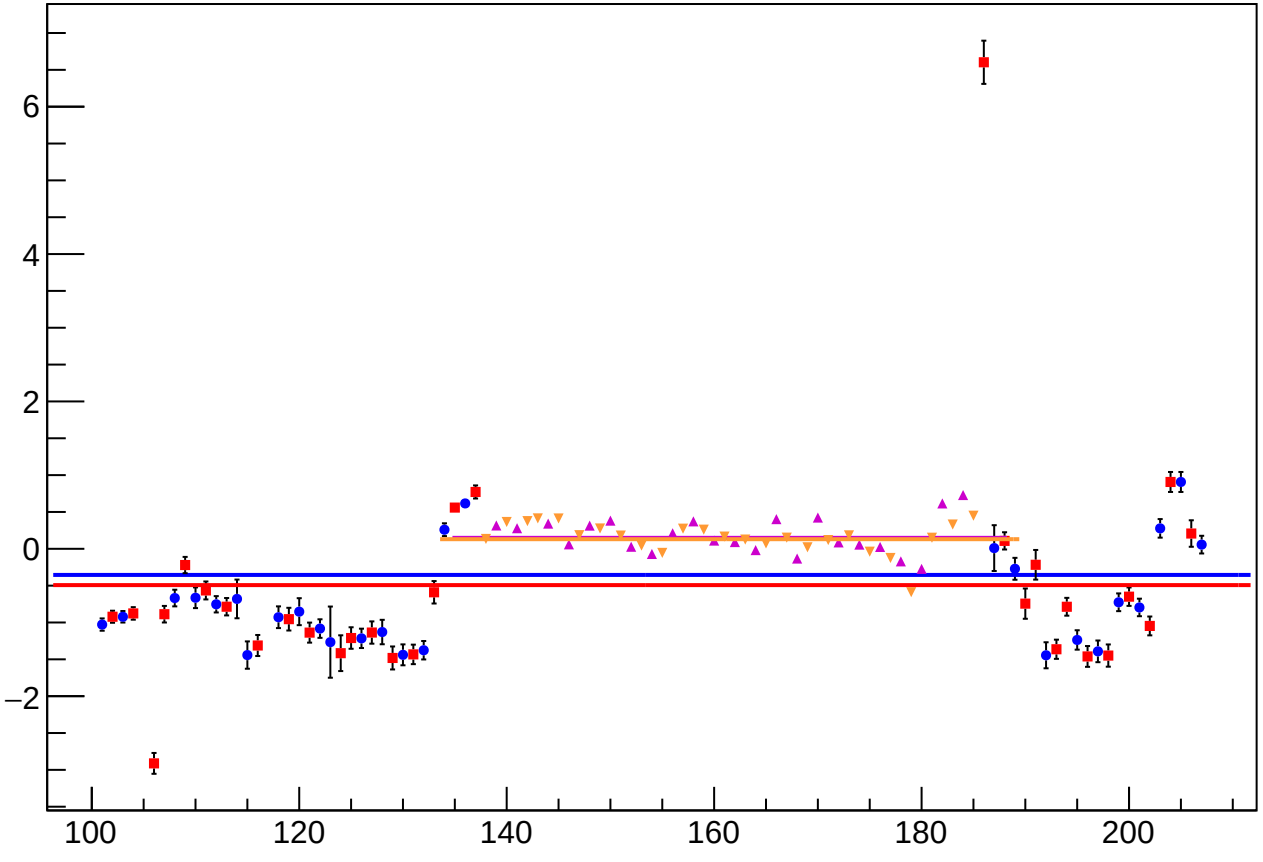
Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

+ sign 36.602+/-0.118 χ^2/NDF: 6880.7/51

All: 36.513+/-0.084 χ^2/NDF: 12857.0/104

- sign 36.421+/-0.120 χ^2/NDF: 5975.2/52

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.354+/-0.022 χ^2/NDF: 1295.4/26

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.493+/-0.022 χ^2/NDF: 2058.8/29

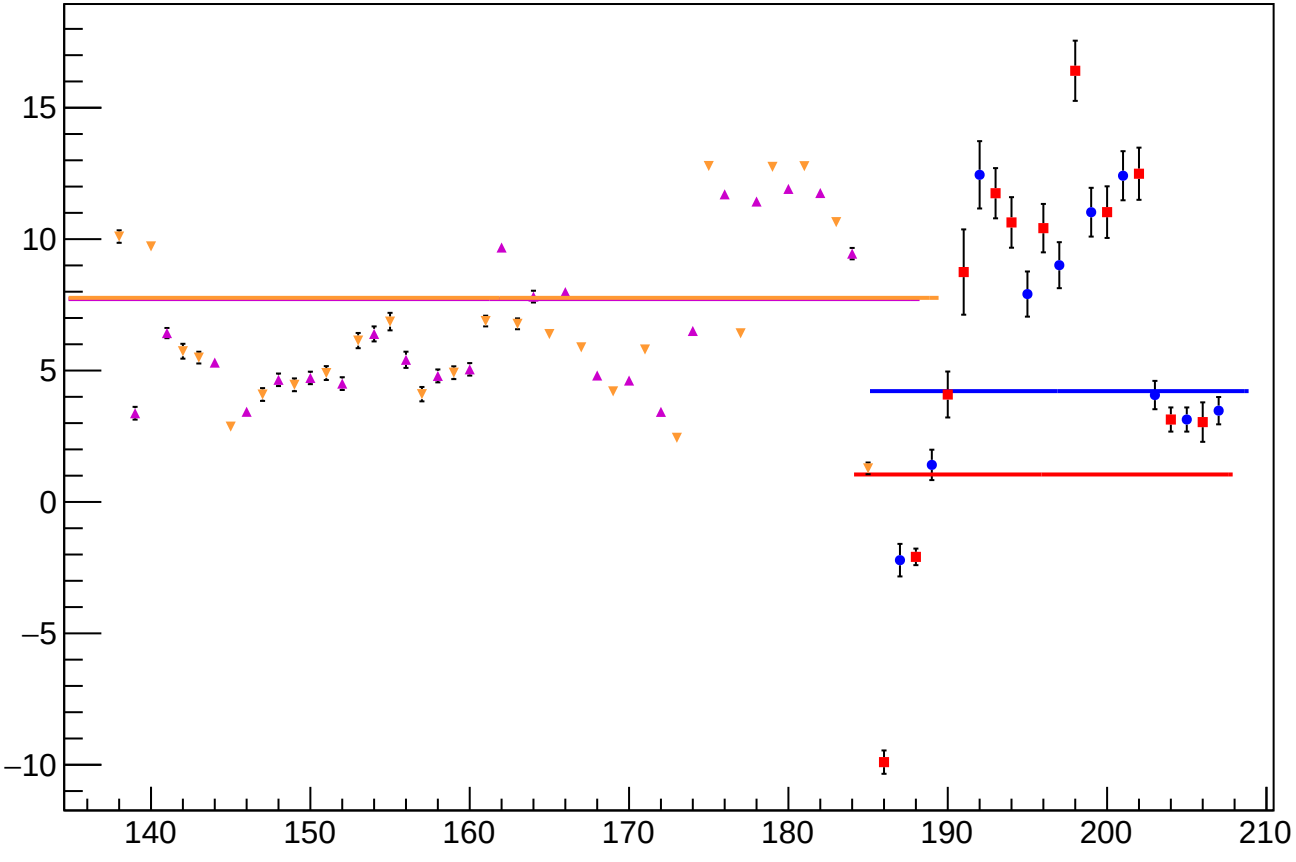
Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

+ sign 0.100+/-0.005 χ^2/NDF: 3184.5/51

All: 0.104+/-0.004 χ^2/NDF: 7856.3/104

- sign 0.108+/-0.006 χ^2/NDF: 4670.6/52

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 4.217+/-0.208 χ^2/NDF: 359.7/9

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: 1.045+/-0.184 χ^2/NDF: 1513.0/11

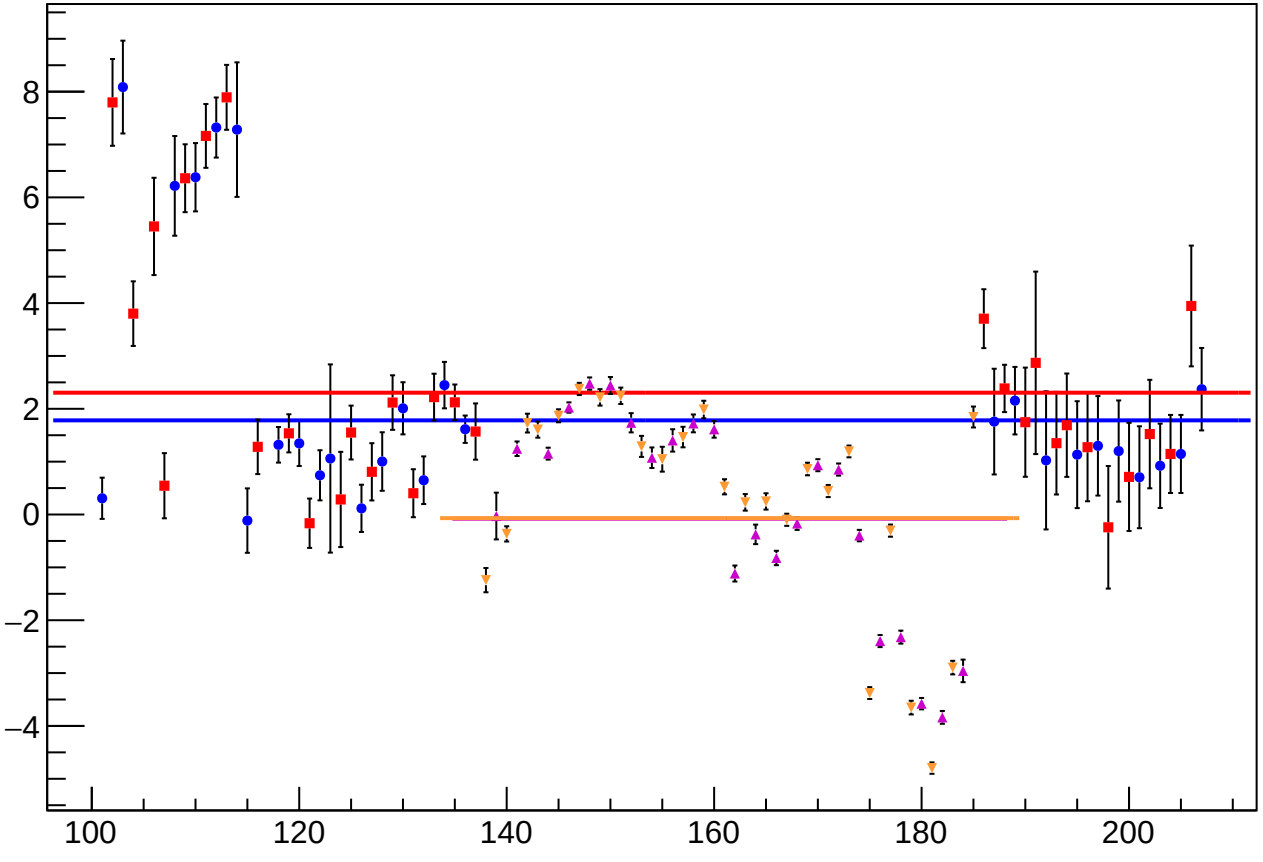
Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

+ sign 7.672+/-0.034 χ^2/NDF: 12346.1/34

All: 7.581+/-0.024 χ^2/NDF: 23633.6/69

- sign 7.488+/-0.034 χ^2/NDF: 11273.0/34

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.781+/-0.107 χ^2/NDF: 300.5/26

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.305+/-0.109 χ^2/NDF: 350.9/29

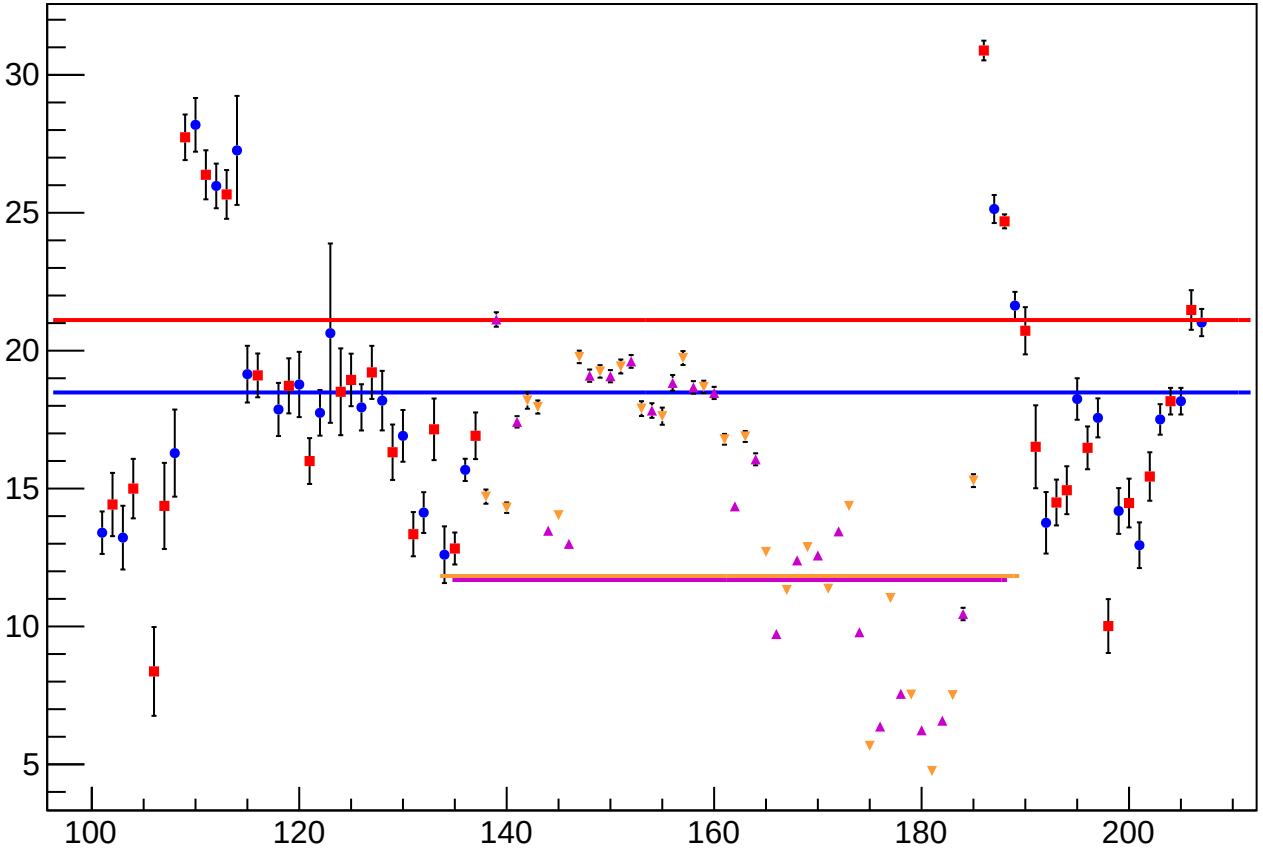
Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

+ sign 0.049+/-0.027 χ^2/NDF: 6614.8/51

All: 0.059+/-0.019 χ^2/NDF: 12403.4/104

- sign 0.070+/-0.027 χ^2/NDF: 5788.3/52

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.485+/-0.142 χ^2/NDF: 724.0/26

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.111+/-0.129 χ^2/NDF: 2064.7/29

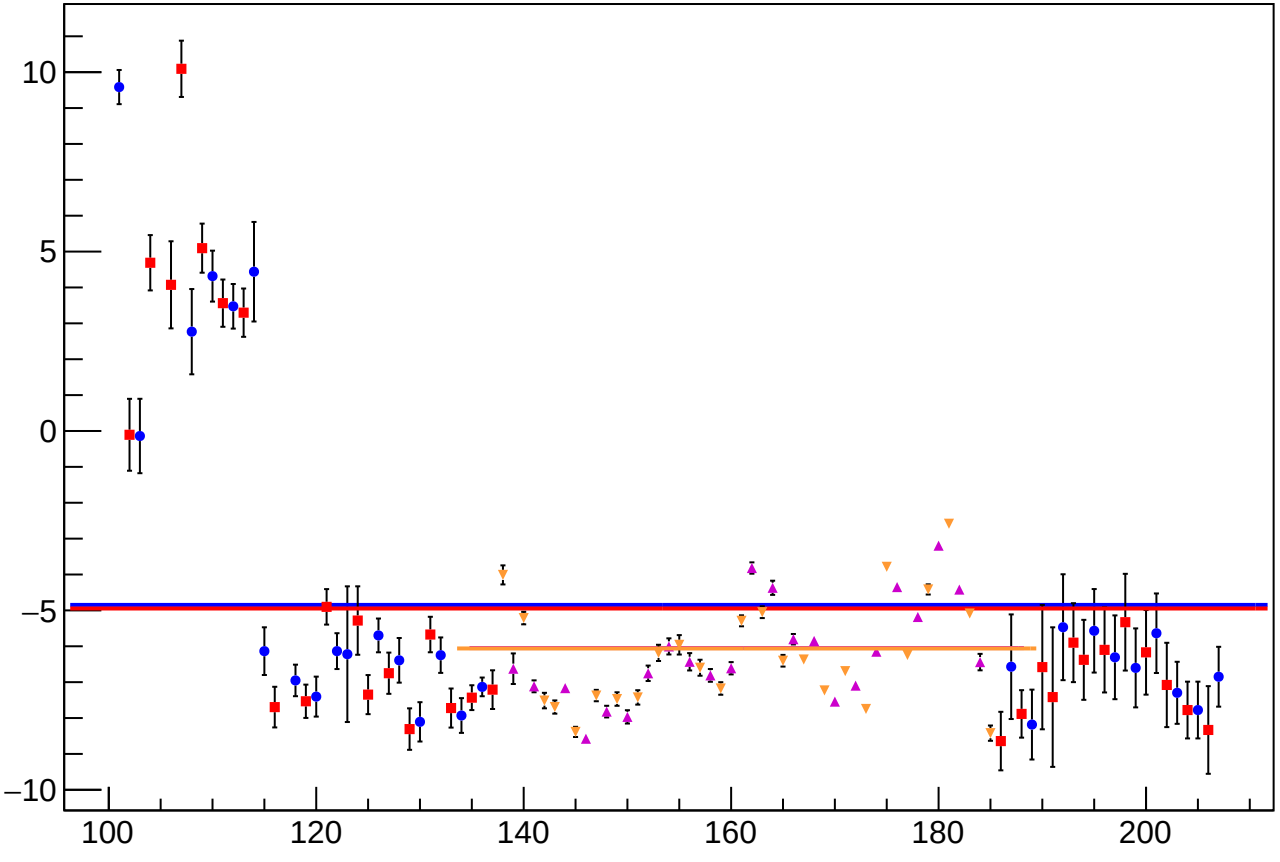
Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

+ sign 12.203+/-0.034 χ^2/NDF: 21817.3/51

All: 12.268+/-0.024 χ^2/NDF: 45800.8/104

- sign 12.333+/-0.034 χ^2/NDF: 23976.1/52

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.847+/-0.120 χ^2/NDF: 1642.1/26

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.947+/-0.125 χ^2/NDF: 1420.9/29

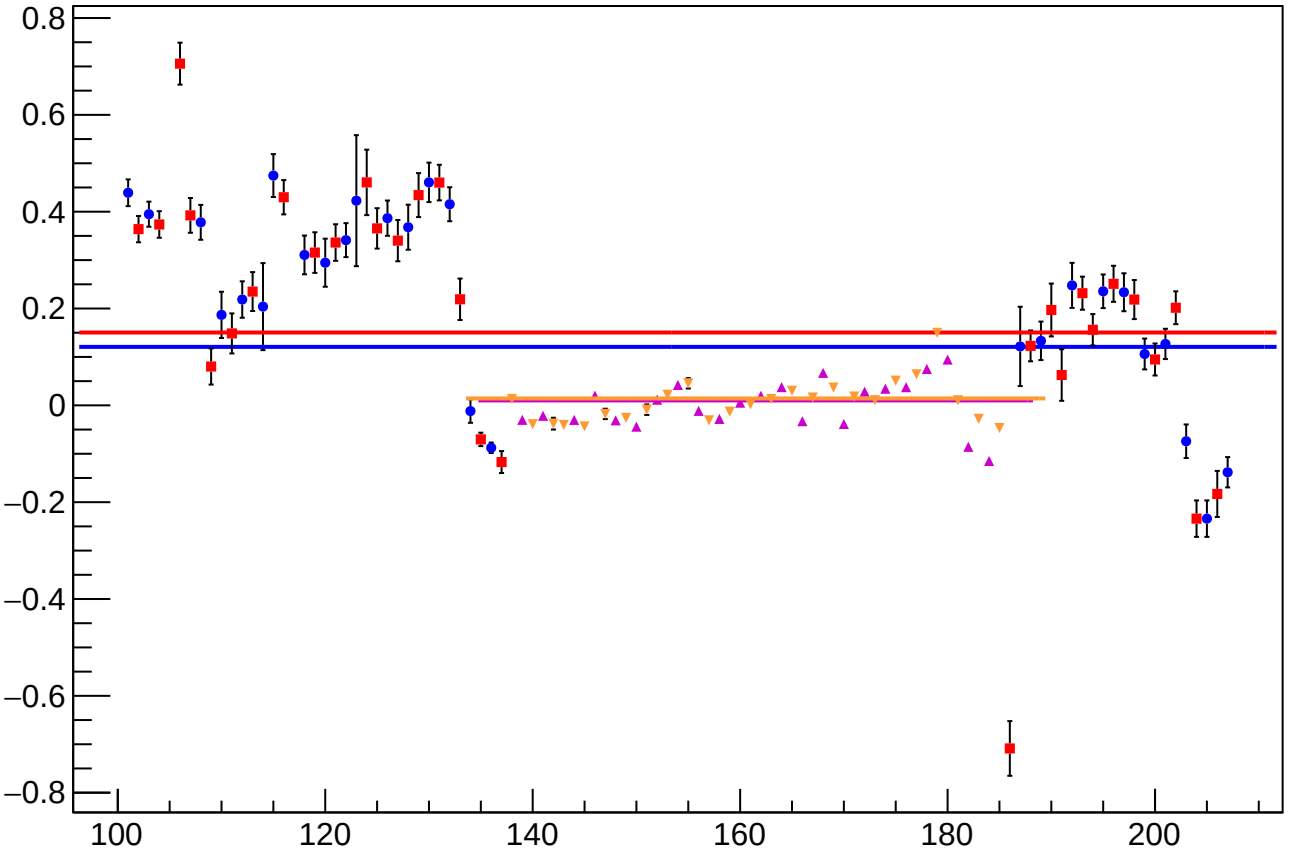
Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

+ sign -5.984+/-0.030 χ^2/NDF: 4386.8/51

All: -5.984+/-0.021 χ^2/NDF: 8184.3/104

- sign -5.983+/-0.031 χ^2/NDF: 3797.6/52

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.121+/-0.006 χ^2/NDF: 1286.2/26

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.150+/-0.006 χ^2/NDF: 1429.7/29

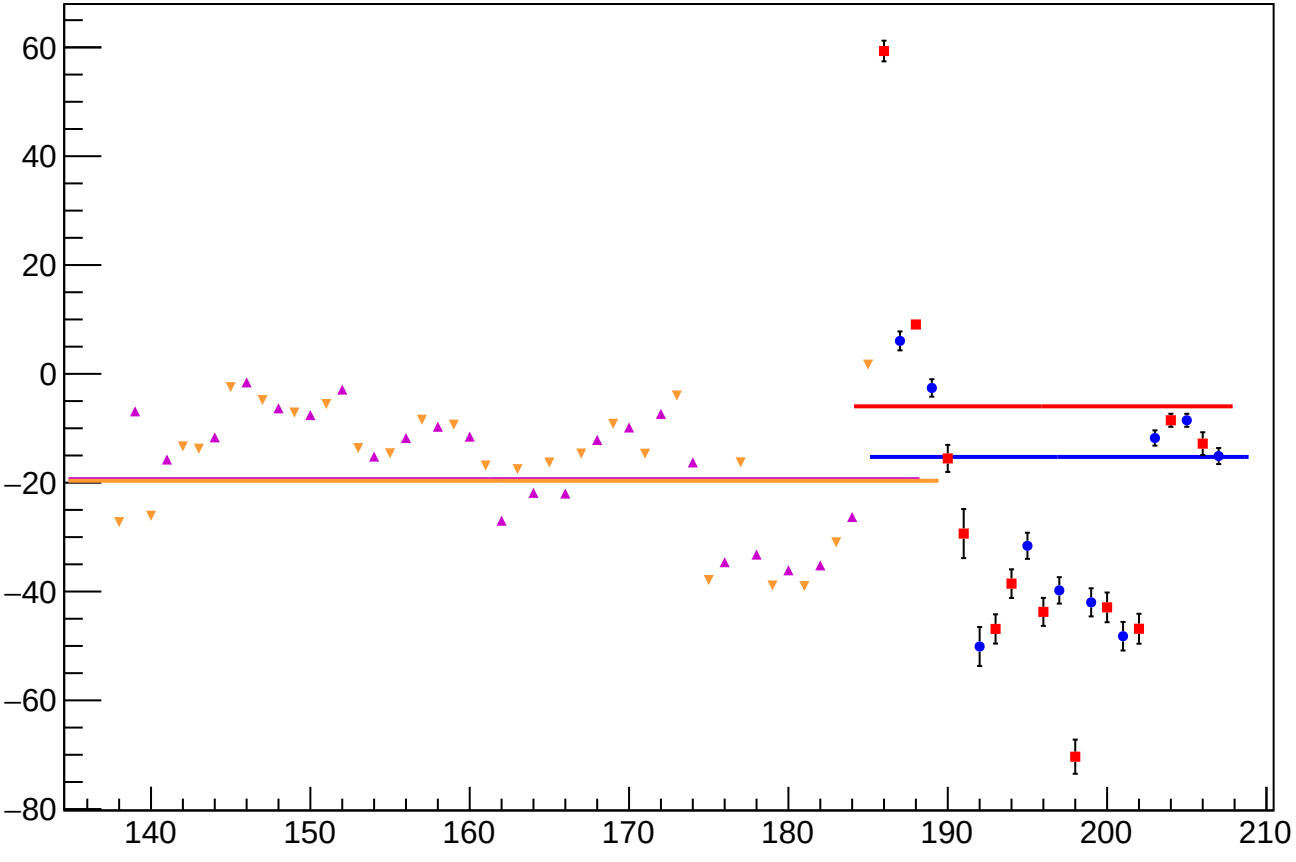
Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

+ sign 0.020+/-0.001 χ^2/NDF: 2531.6/51

All: 0.019+/-0.001 χ^2/NDF: 5677.9/104

- sign 0.017+/-0.001 χ^2/NDF: 3144.8/52

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -15.262+/-0.568 χ^2/NDF: 757.4/9

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: -5.965+/-0.527 χ^2/NDF: 2975.4/11

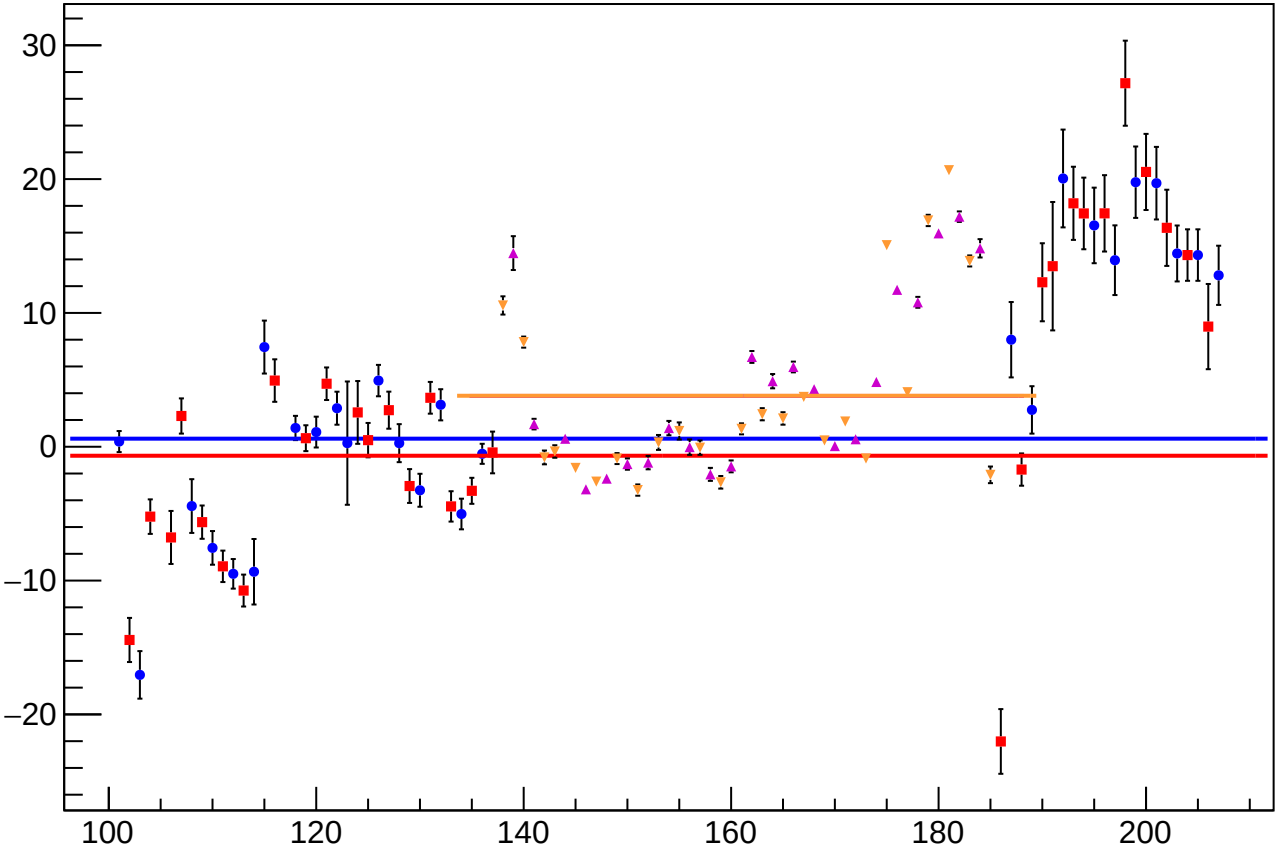
Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

+ sign -19.502+/-0.102 χ^2/NDF: 16545.6/34

All: -19.178+/-0.072 χ^2/NDF: 32580.5/69

- sign -18.847+/-0.103 χ^2/NDF: 16014.4/34

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: 0.604+/-0.271 χ^2/NDF: 639.3/26

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -0.671+/-0.277 χ^2/NDF: 790.1/29

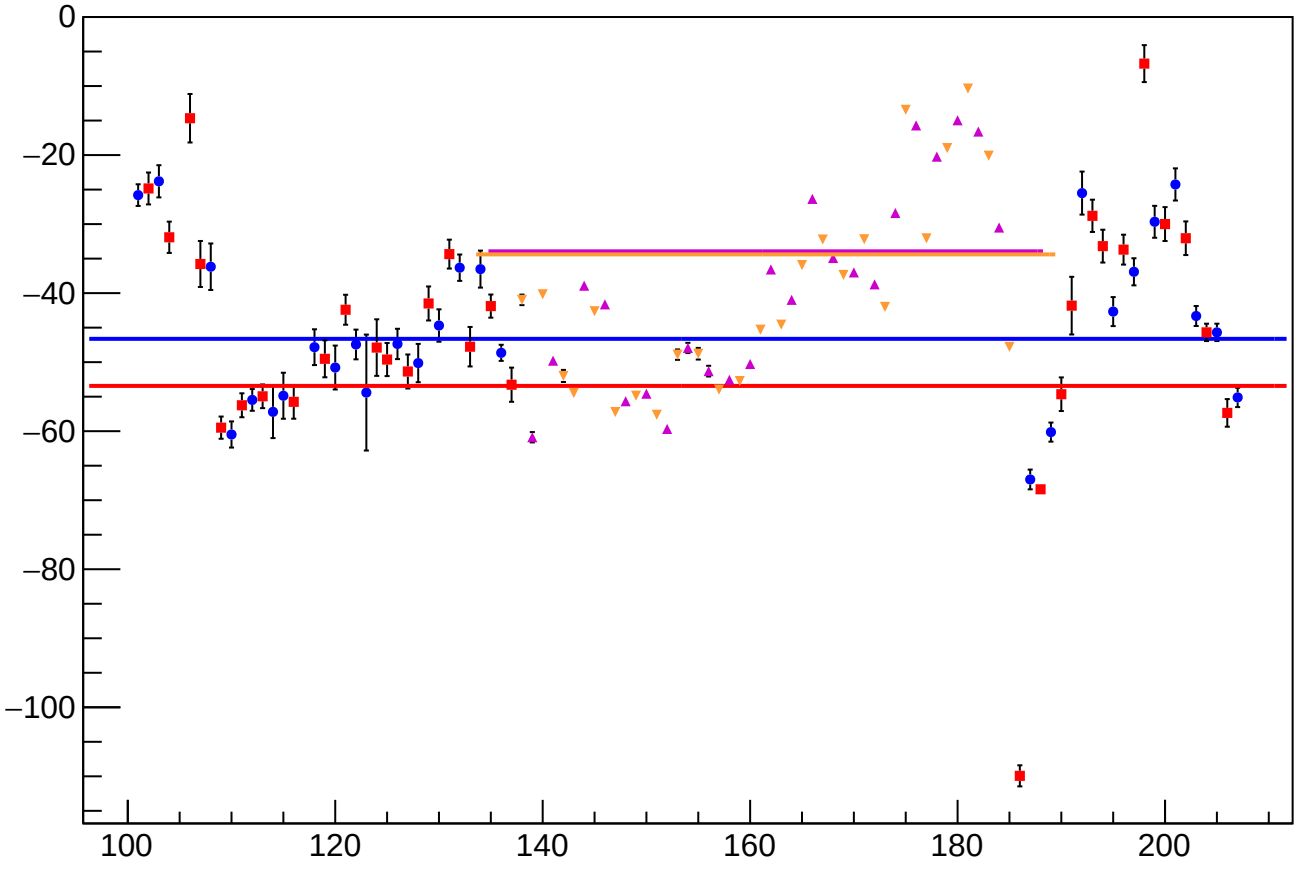
Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

+ sign 3.539+/-0.079 χ^2/NDF: 7886.1/51

All: 3.483+/-0.056 χ^2/NDF: 14450.3/104

- sign 3.424+/-0.080 χ^2/NDF: 6563.2/52

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -46.622+/-0.371 χ^2/NDF: 992.2/26

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -53.439+/-0.347 χ^2/NDF: 3238.4/29

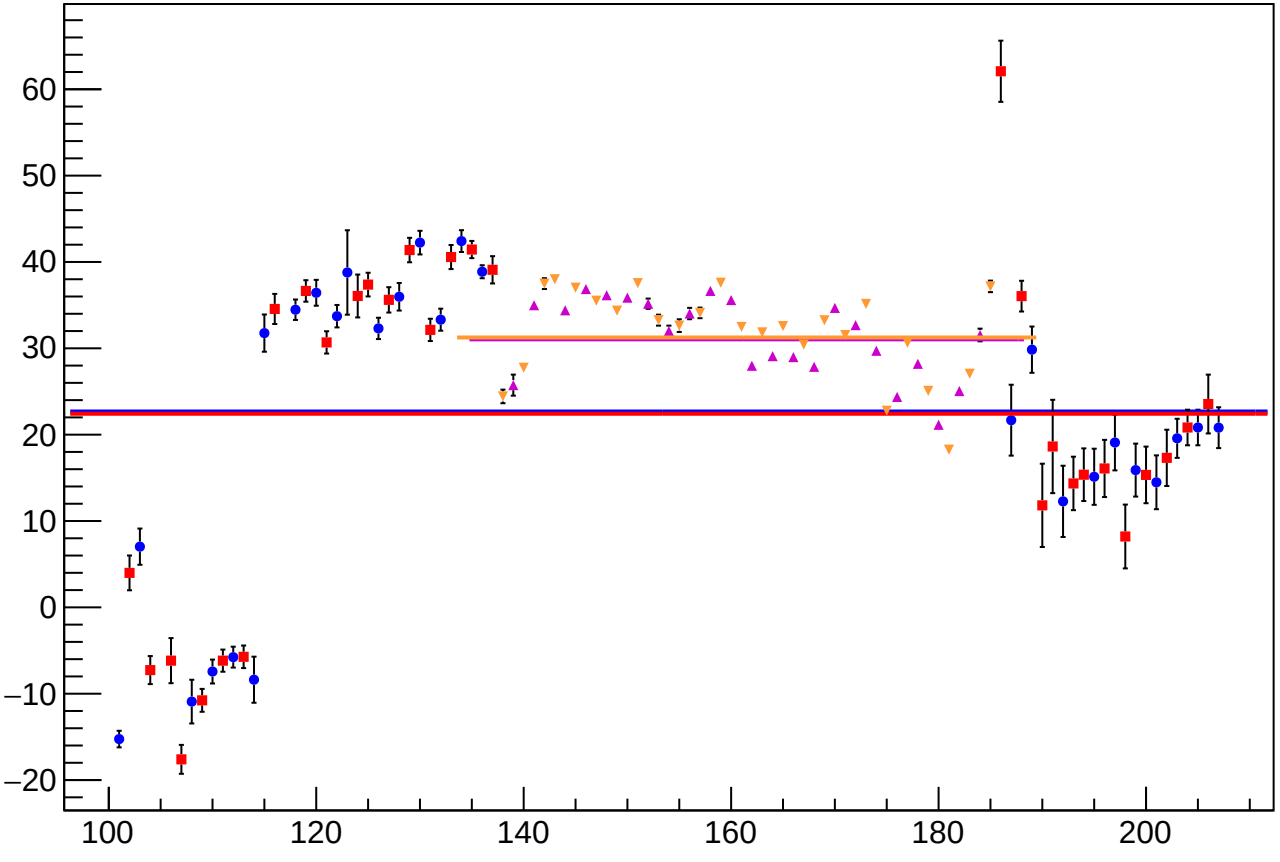
Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

+ sign -35.281+/-0.100 χ^2/NDF: 22030.8/51

All: -35.427+/-0.071 χ^2/NDF: 46013.9/104

- sign -35.573+/-0.100 χ^2/NDF: 23978.8/52

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.682+/-0.306 χ^2/NDF: 4382.7/26

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.422+/-0.316 χ^2/NDF: 4254.9/29

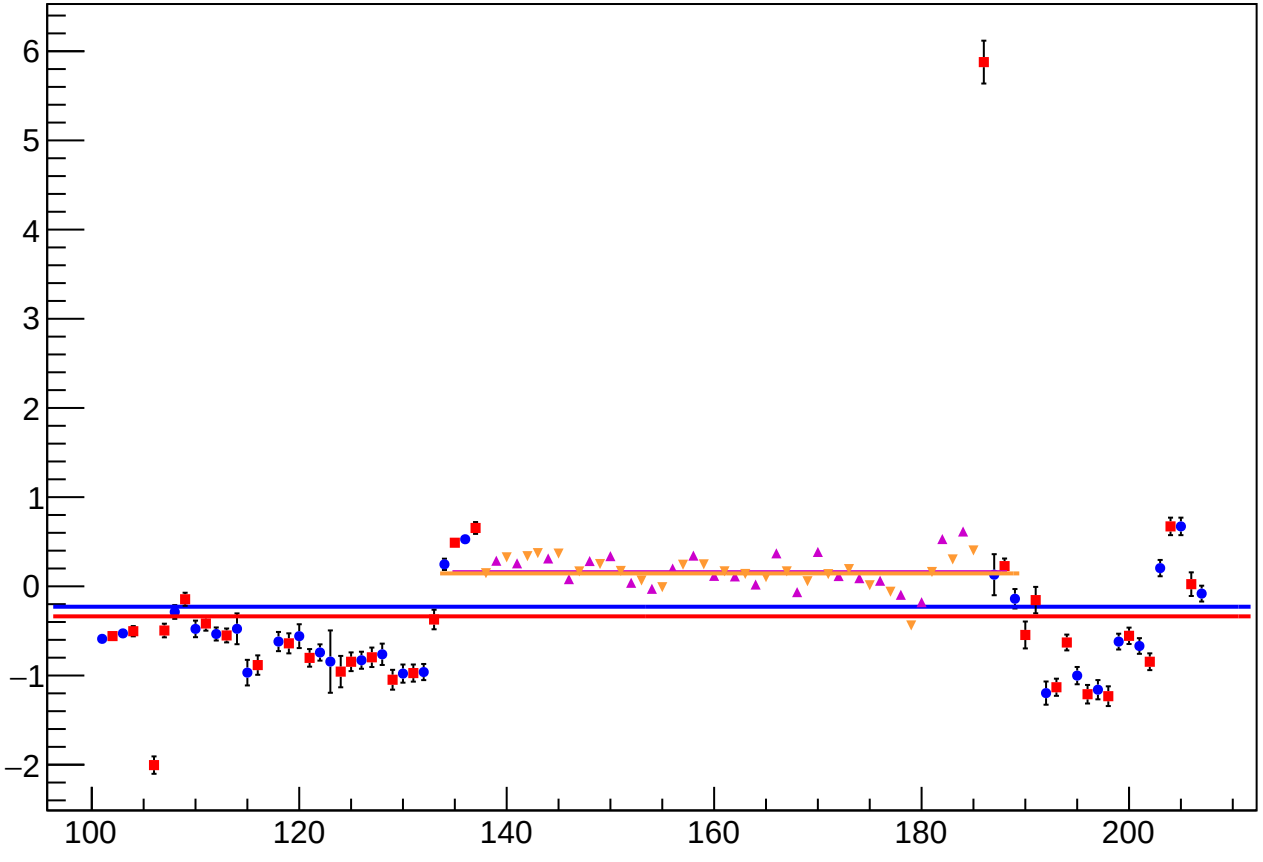
Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

+ sign 30.534+/-0.089 χ^2/NDF: 8406.4/51

All: 30.440+/-0.063 χ^2/NDF: 15834.8/104

- sign 30.343+/-0.090 χ^2/NDF: 7426.0/52

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.229+/-0.016 χ^2/NDF: 1355.0/26

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.337+/-0.016 χ^2/NDF: 2258.1/29

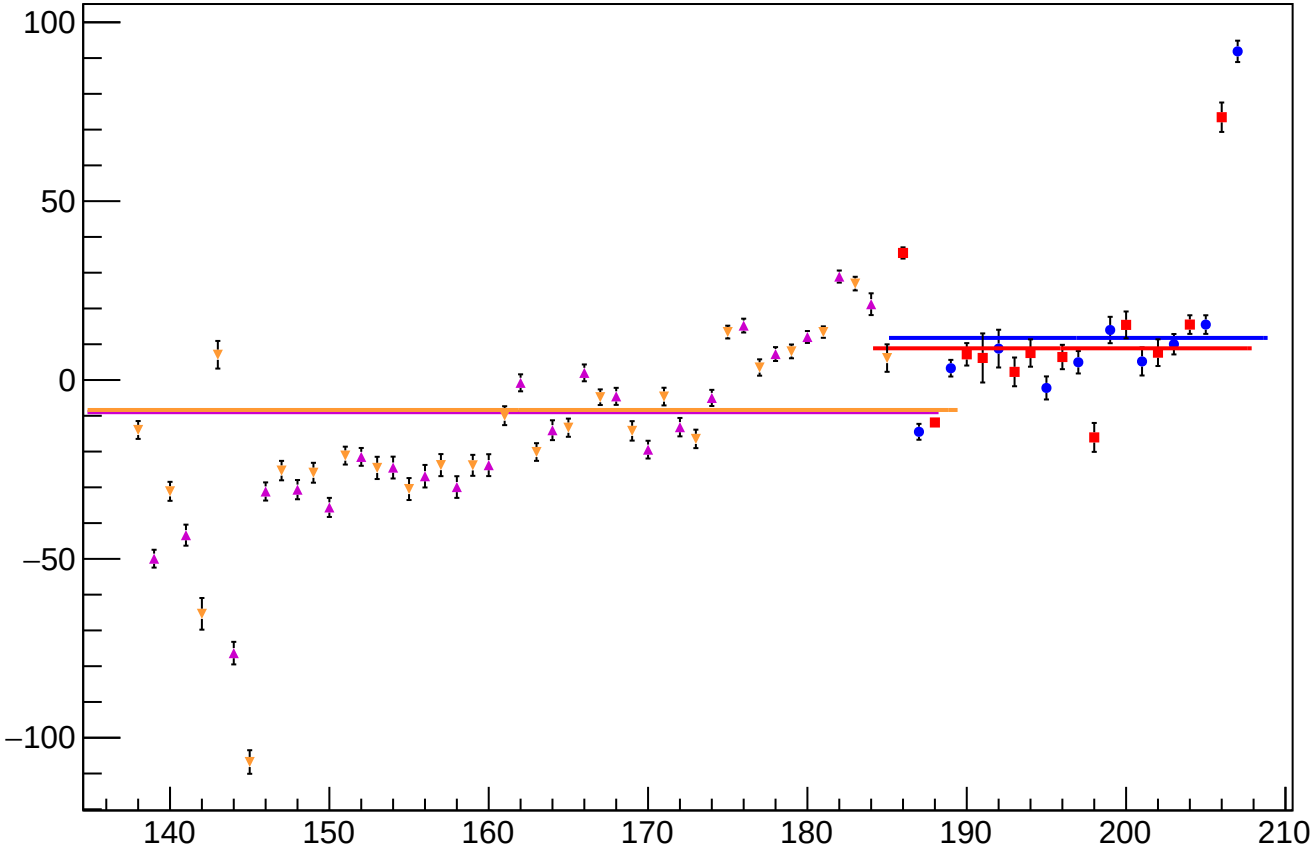
Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

+ sign 0.119+/-0.004 χ^2/NDF: 3465.5/51

All: 0.122+/-0.003 χ^2/NDF: 8673.2/104

- sign 0.125+/-0.004 χ^2/NDF: 5206.8/52

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 11.770+/-0.936 χ^2/NDF: 900.9/9

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 8.863+/-0.744 χ^2/NDF: 866.2/11

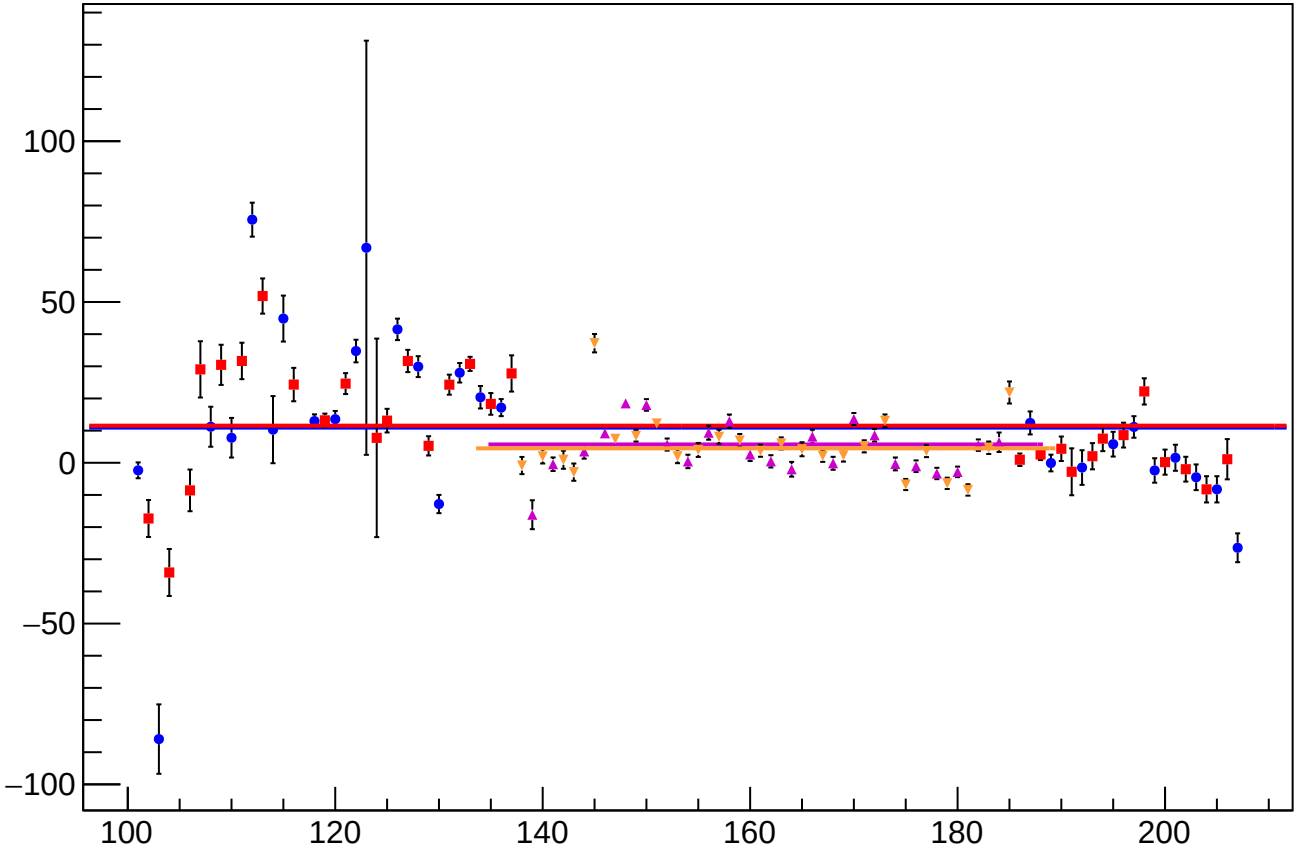
Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

+ sign -3.897+/-0.441 χ^2/NDF: 3485.3/34

All: -3.614+/-0.303 χ^2/NDF: 7055.0/69

- sign -3.360+/-0.418 χ^2/NDF: 3568.9/34

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 10.945+/-0.688 χ^2/NDF: 712.3/26

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 11.542+/-0.646 χ^2/NDF: 445.8/29

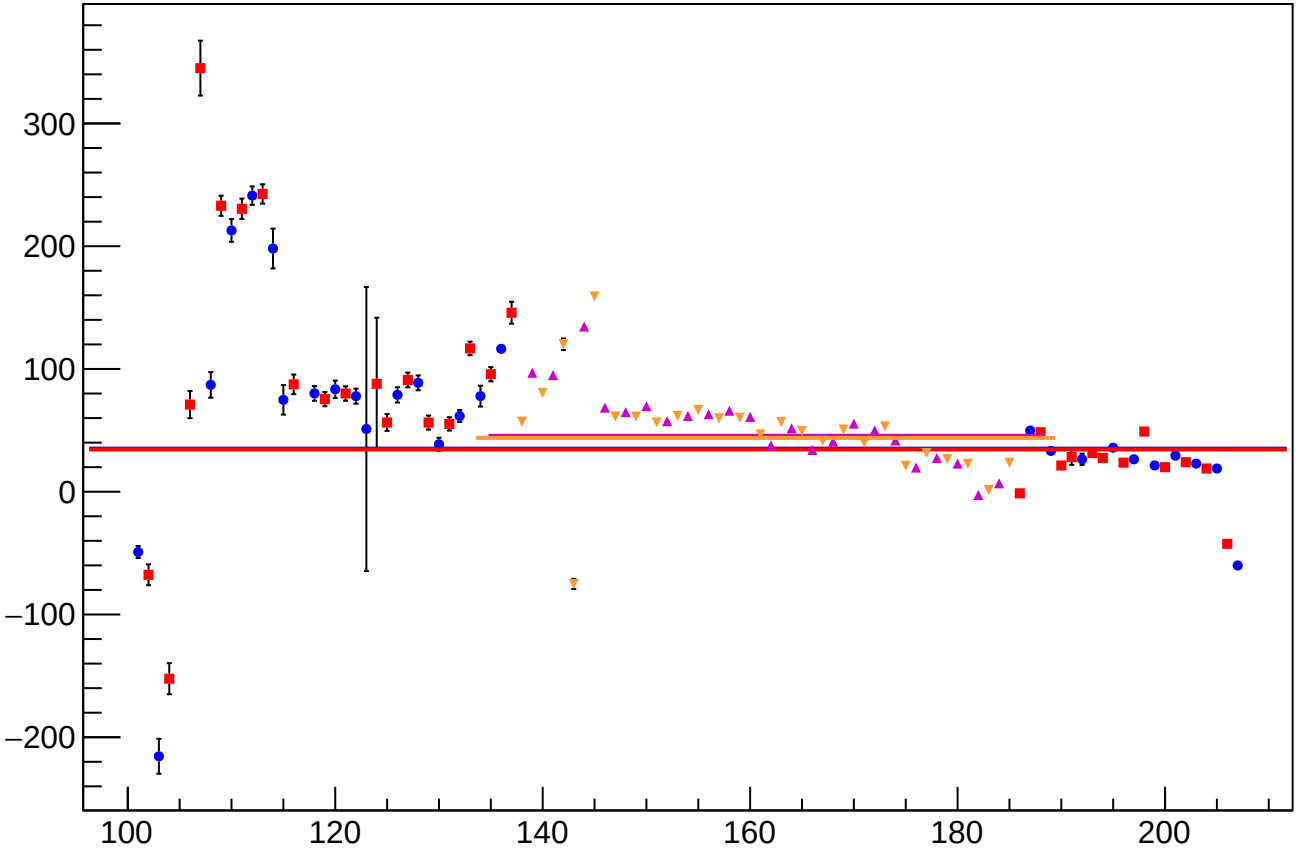
Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

+ sign 6.079+/-0.341 χ^2/NDF: 1150.7/51

All: 6.706+/-0.242 χ^2/NDF: 1991.3/104

- sign 7.336+/-0.342 χ^2/NDF: 833.8/52

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 35.105+/-0.742 χ^2/NDF: 3870.6/26

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 34.403+/-0.591 χ^2/NDF: 4679.7/29

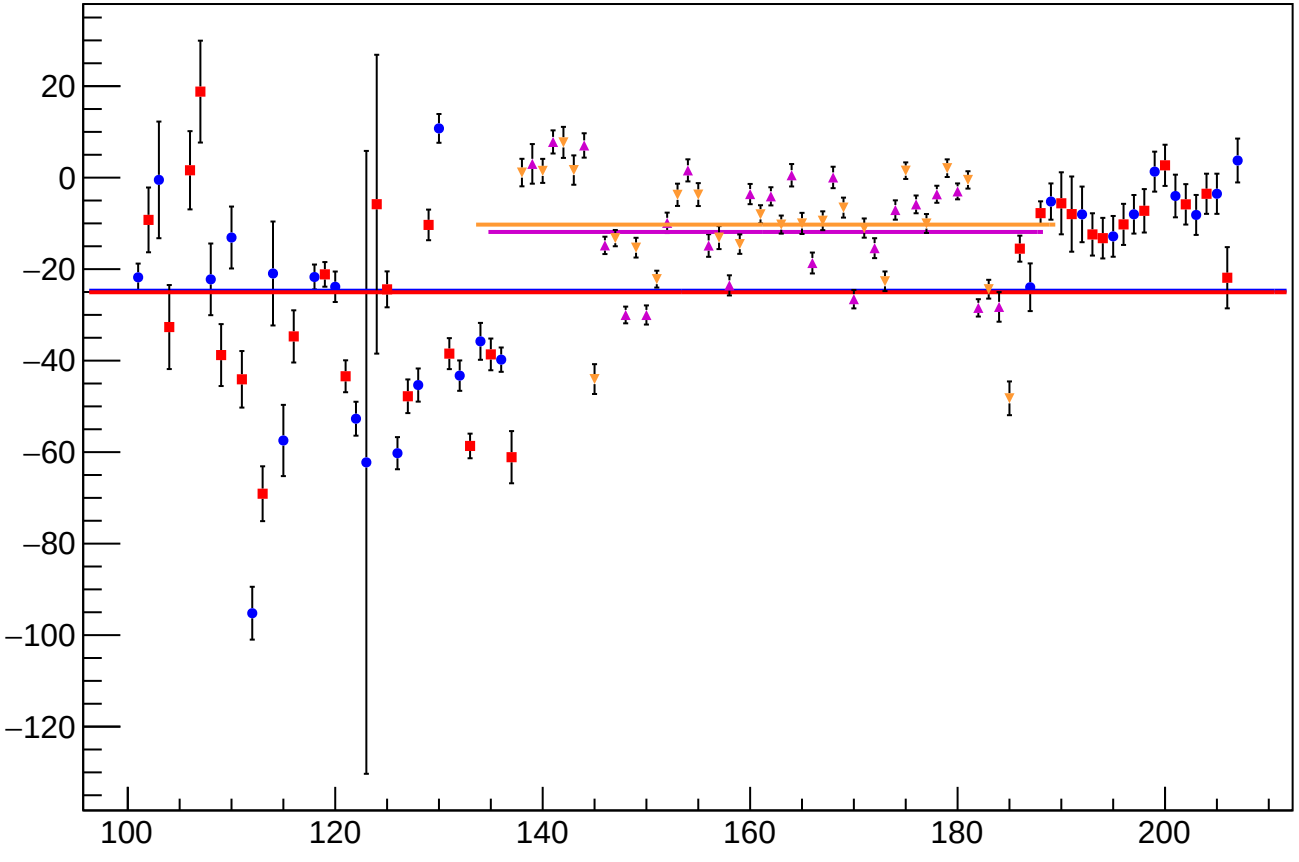
Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

+ sign 41.118+/-0.414 χ^2/NDF: 7647.0/51

All: 40.989+/-0.281 χ^2/NDF: 15686.0/104

- sign 40.880+/-0.383 χ^2/NDF: 8038.8/52

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -24.715+/-0.806 χ^2/NDF: 748.5/26

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -25.051+/-0.785 χ^2/NDF: 605.3/29

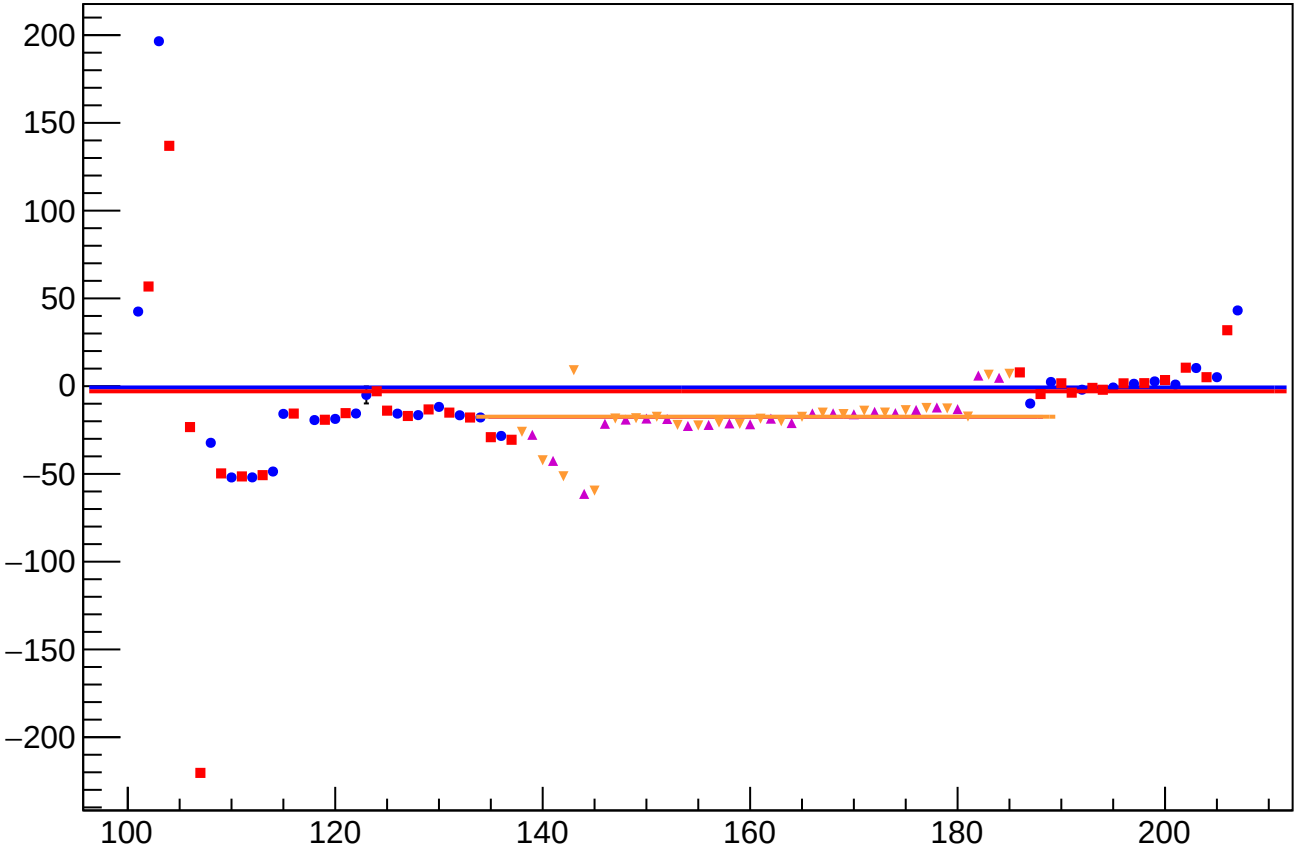
Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

+ sign -13.641+/-0.390 χ^2/NDF: 1548.5/51

All: -14.407+/-0.277 χ^2/NDF: 3041.1/104

- sign -15.189+/-0.393 χ^2/NDF: 1484.8/52

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -0.743+/-0.038 χ^2/NDF: 661975.5/26

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -2.945+/-0.036 χ^2/NDF: 618948.3/29

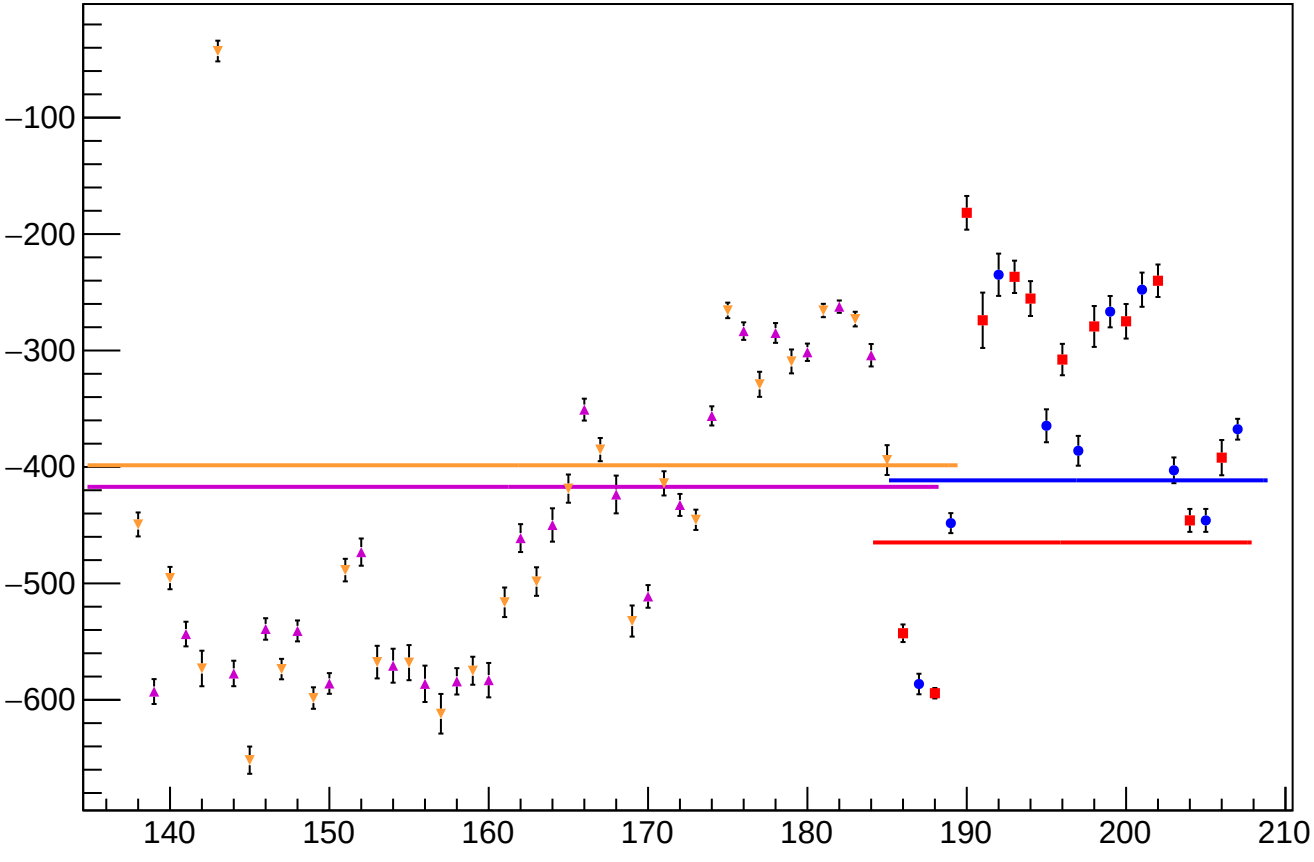
Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

+ sign -13.718+/-0.018 χ^2/NDF: 1129733.7/51

All: -13.862+/-0.013 χ^2/NDF: 2132937.5/104

- sign -14.005+/-0.018 χ^2/NDF: 1003076.1/52

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -411.501+/-3.497 χ^2/NDF: 798.2/9

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -464.844+/-2.929 χ^2/NDF: 2550.1/11

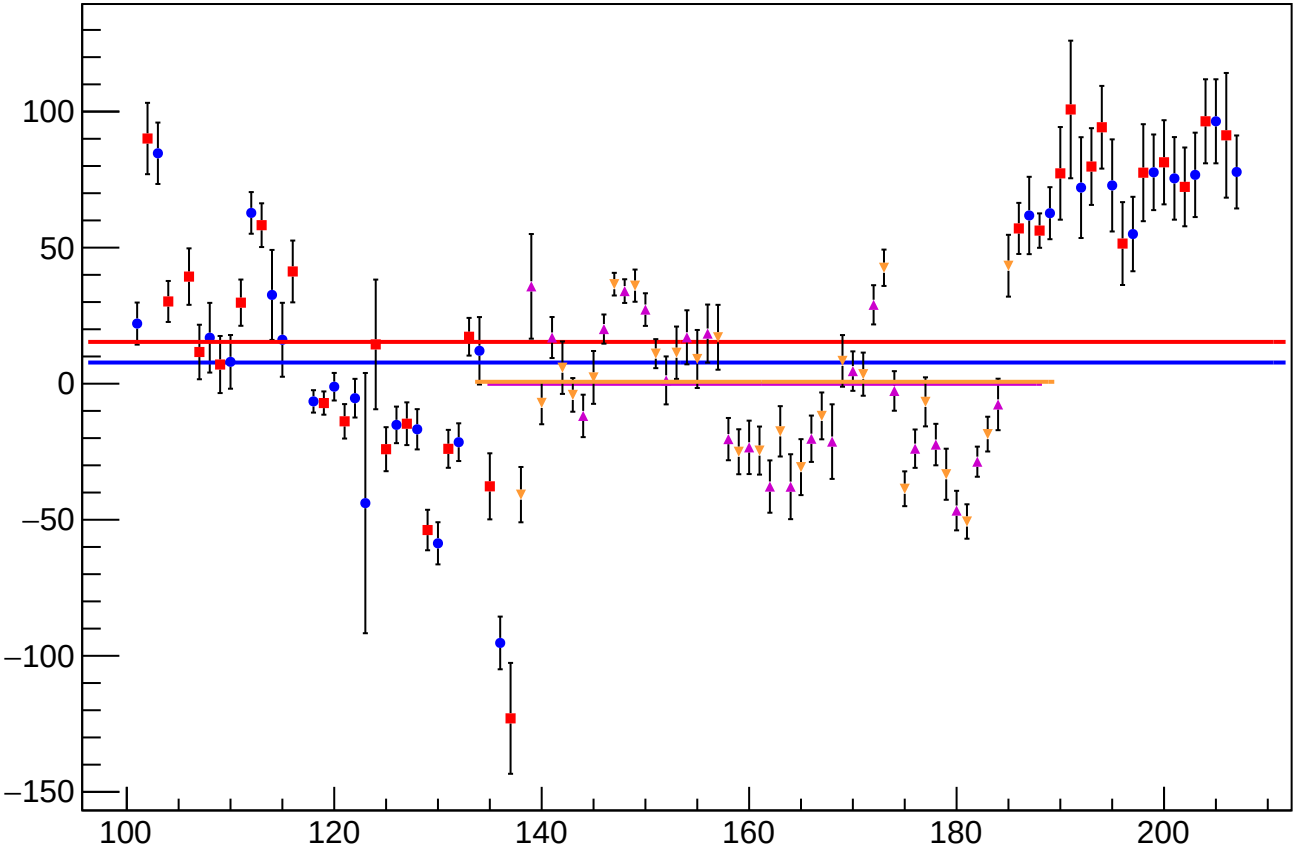
Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

+ sign -401.654+/-1.711 χ^2/NDF: 6468.2/34

All: -417.496+/-1.188 χ^2/NDF: 13323.9/69

- sign -432.232+/-1.650 χ^2/NDF: 6690.2/34

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 7.777+/-1.737 χ^2/NDF: 563.1/26

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 15.357+/-1.706 χ^2/NDF: 573.9/29

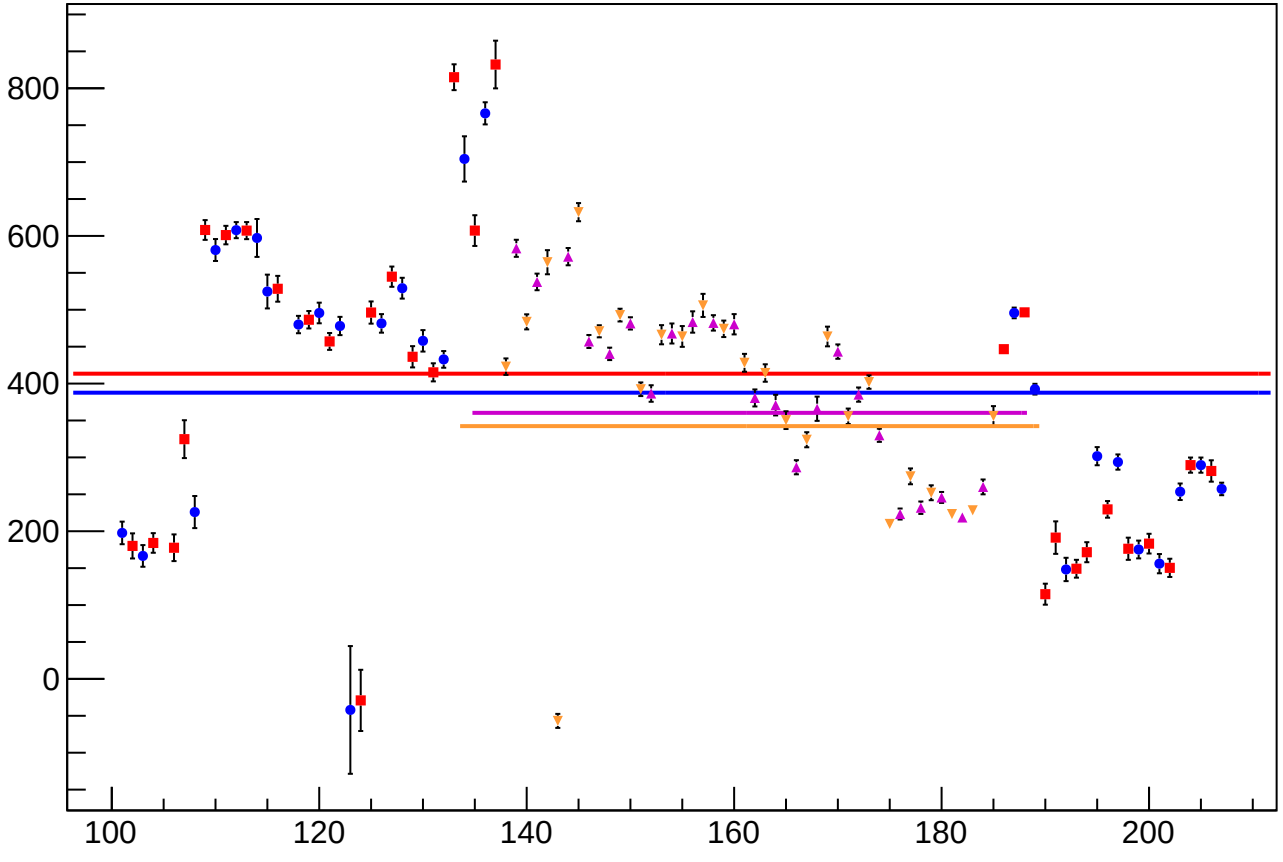
Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

+ sign 3.745+/-1.140 χ^2/NDF: 922.4/51

All: 5.360+/-0.811 χ^2/NDF: 1808.7/104

- sign 7.021+/-1.155 χ^2/NDF: 882.2/52

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 387.656+/-2.371 χ^2/NDF: 3936.8/26

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 413.409+/-2.034 χ^2/NDF: 5893.3/29

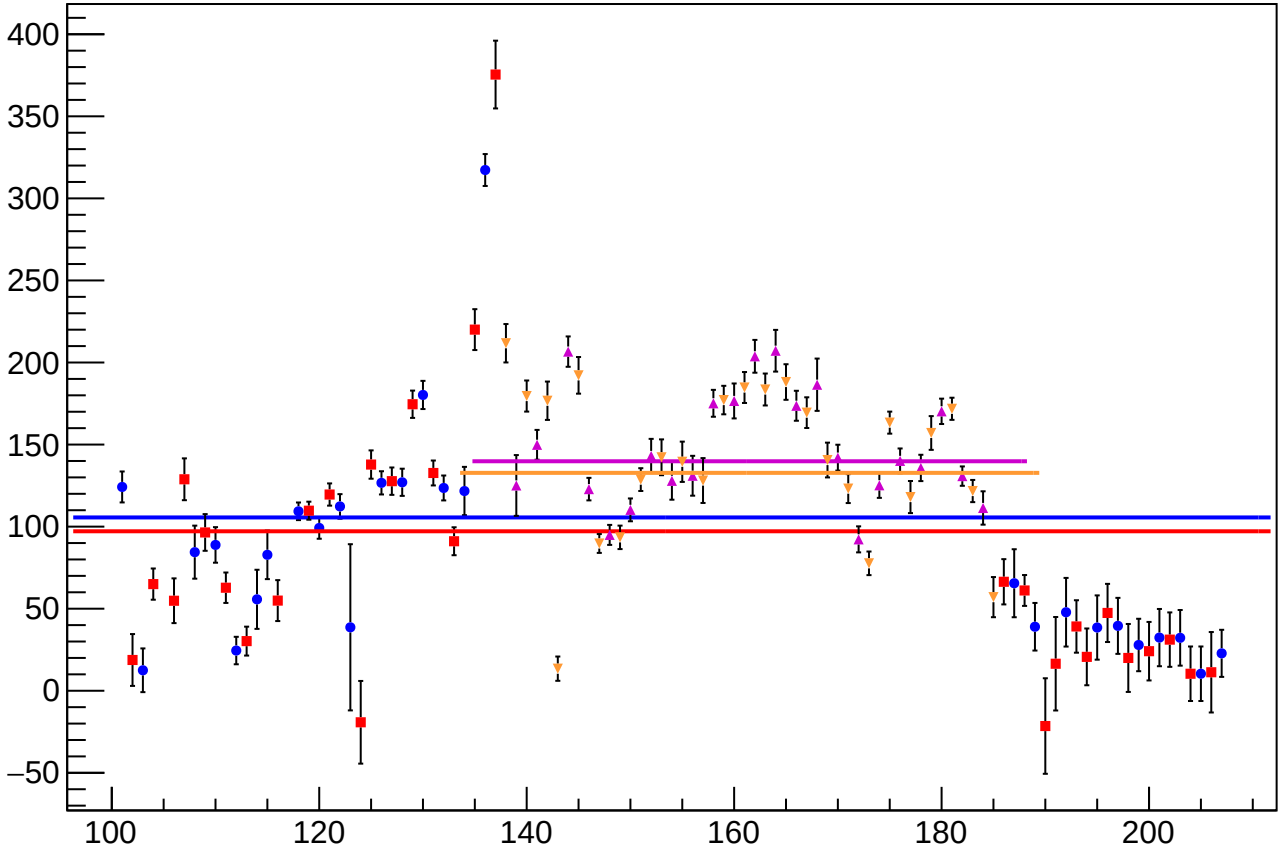
Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

+ sign 360.862+/-1.515 χ^2/NDF: 9334.4/51

All: 374.402+/-1.038 χ^2/NDF: 19174.6/104

- sign 386.372+/-1.425 χ^2/NDF: 9689.8/52

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 105.601+/-2.030 χ^2/NDF: 922.2/26

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 97.168+/-2.008 χ^2/NDF: 767.1/29

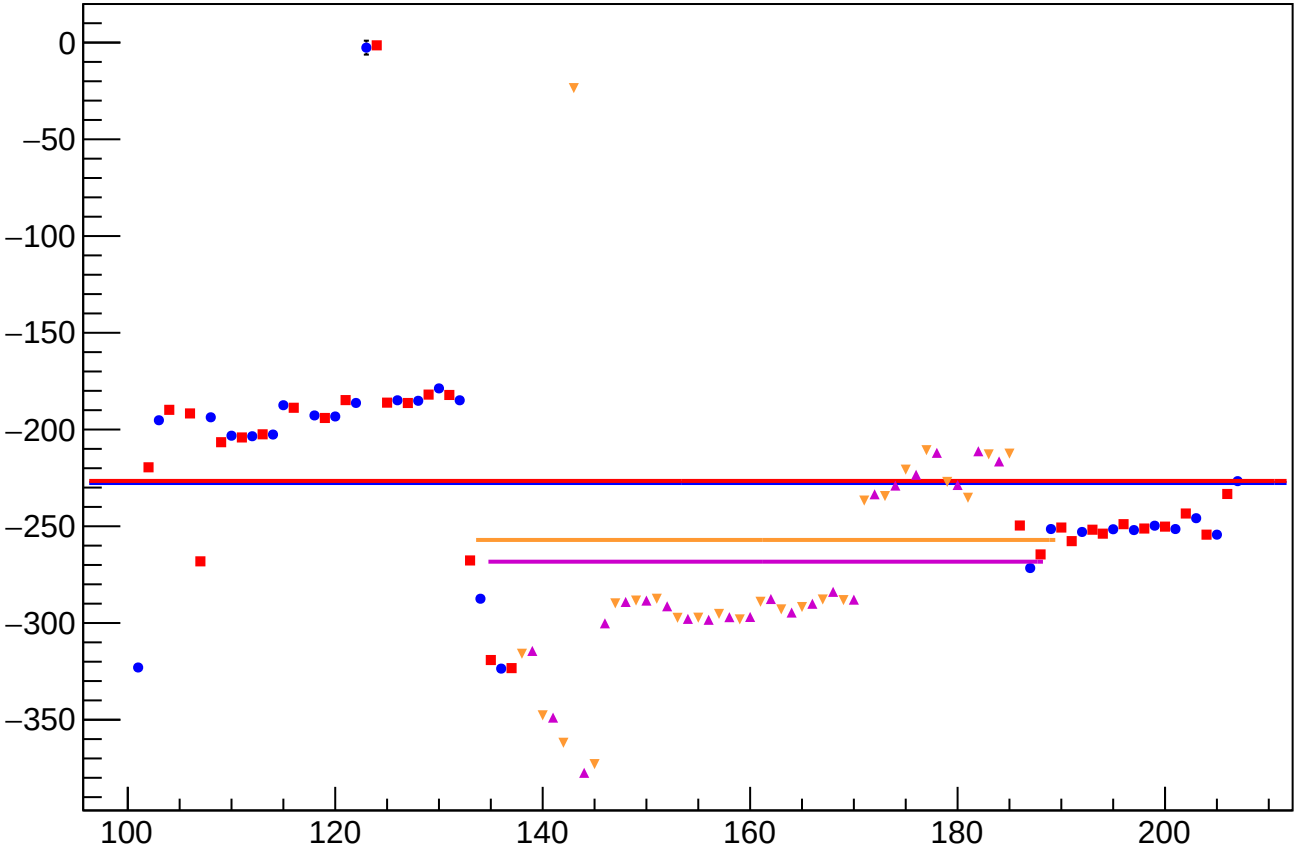
Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

+ sign 121.295+/-1.319 χ^2/NDF: 1775.1/51

All: 121.118+/-0.939 χ^2/NDF: 3115.6/104

- sign 120.938+/-1.336 χ^2/NDF: 1340.4/52

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -227.645+/-0.110 χ^2/NDF: 167960.5/26

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -226.561+/-0.104 χ^2/NDF: 147299.1/29

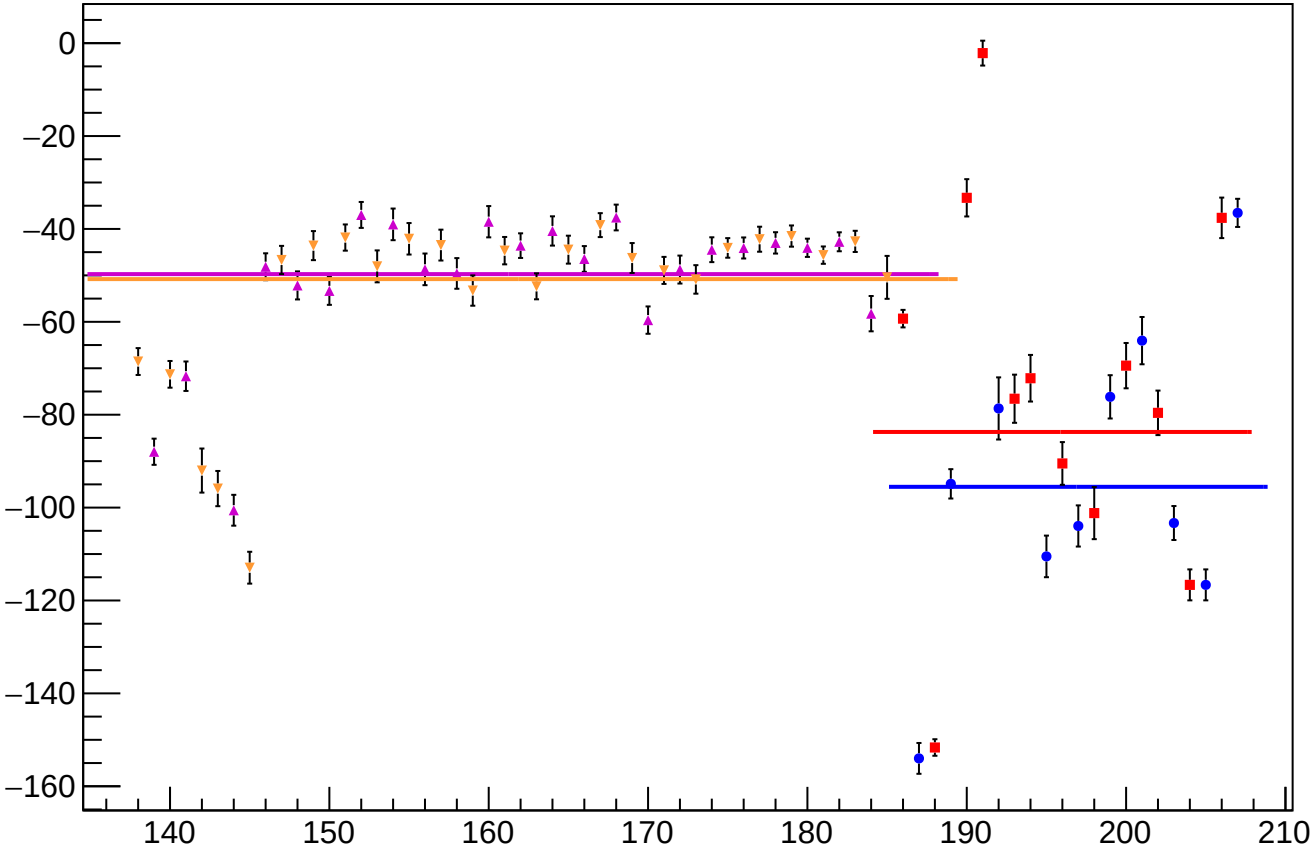
Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

+ sign -246.515+/-0.066 χ^2/NDF: 879584.8/51

All: -249.313+/-0.046 χ^2/NDF: 1393226.9/10

- sign -252.040+/-0.065 χ^2/NDF: 510082.3/52

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -95.526+/-1.220 χ^2/NDF: 810.7/9

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.713+/-0.920 χ^2/NDF: 2945.9/11

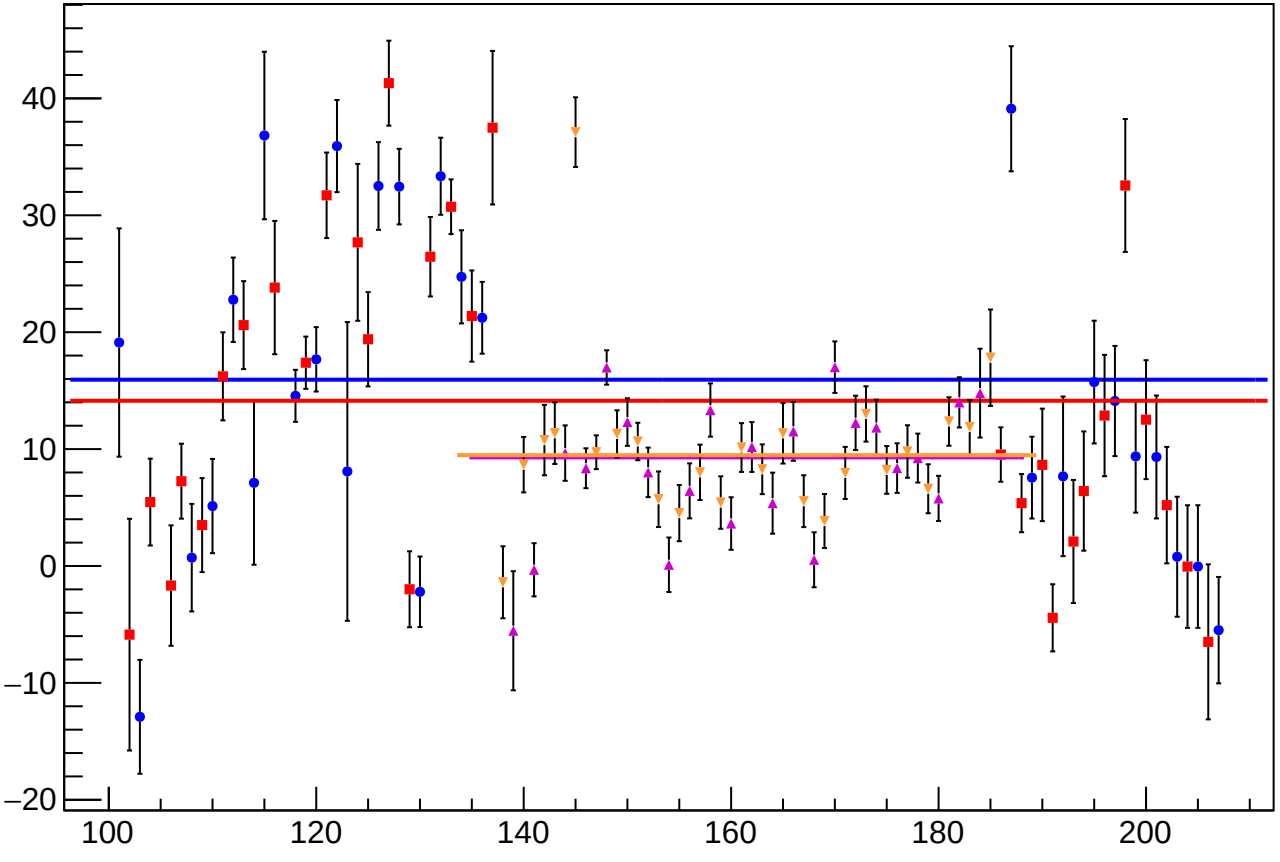
Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

+ sign -58.908+/-0.519 χ^2/NDF: 2664.4/34

All: -59.185+/-0.357 χ^2/NDF: 7187.2/69

- sign -59.432+/-0.491 χ^2/NDF: 4522.3/34

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 15.937+/-0.781 χ^2/NDF: 281.0/26

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.134+/-0.685 χ^2/NDF: 325.4/29

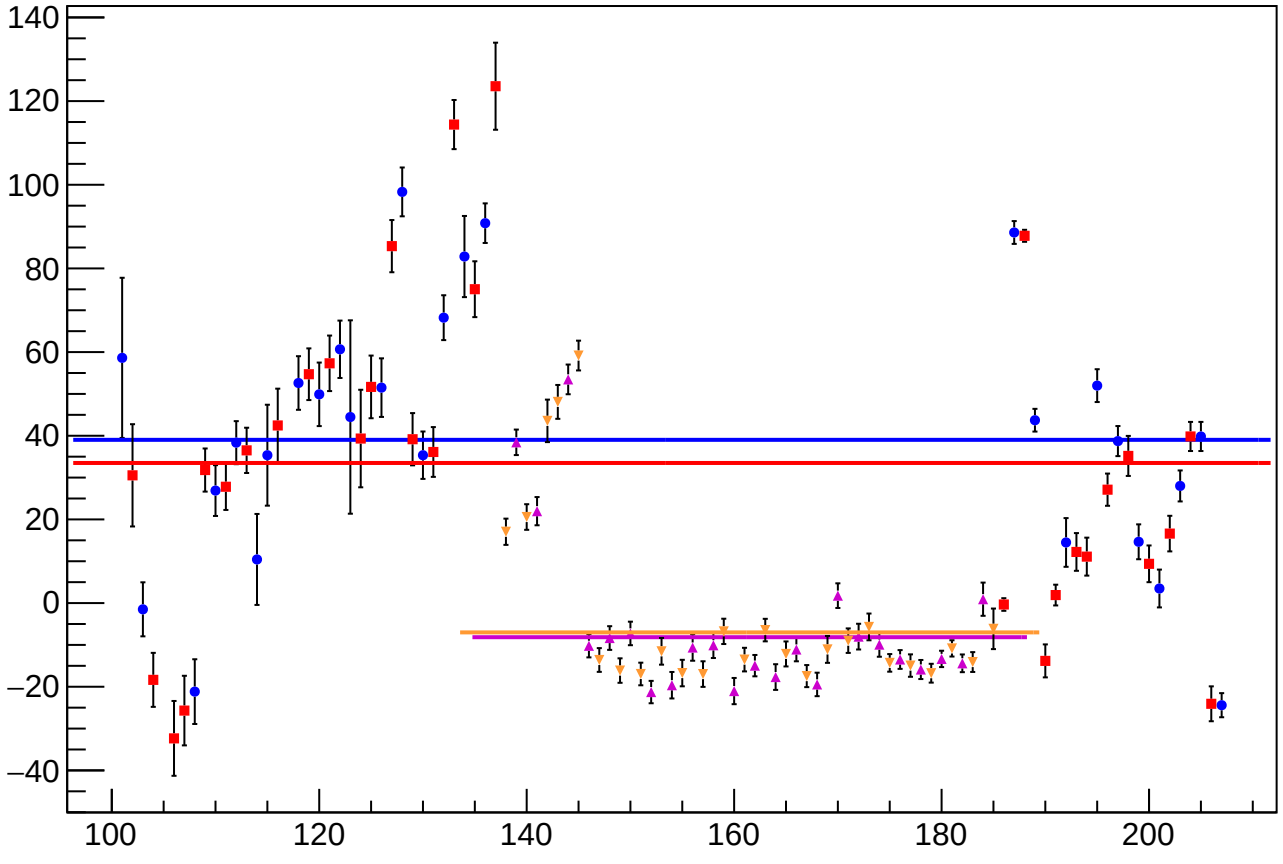
Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

+ sign 11.076+/-0.388 χ^2/NDF: 465.5/51

All: 10.934+/-0.272 χ^2/NDF: 951.3/104

- sign 10.797+/-0.382 χ^2/NDF: 485.5/52

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 39.024+/-0.919 χ^2/NDF: 1356.7/26

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 33.493+/-0.708 χ^2/NDF: 3103.1/29

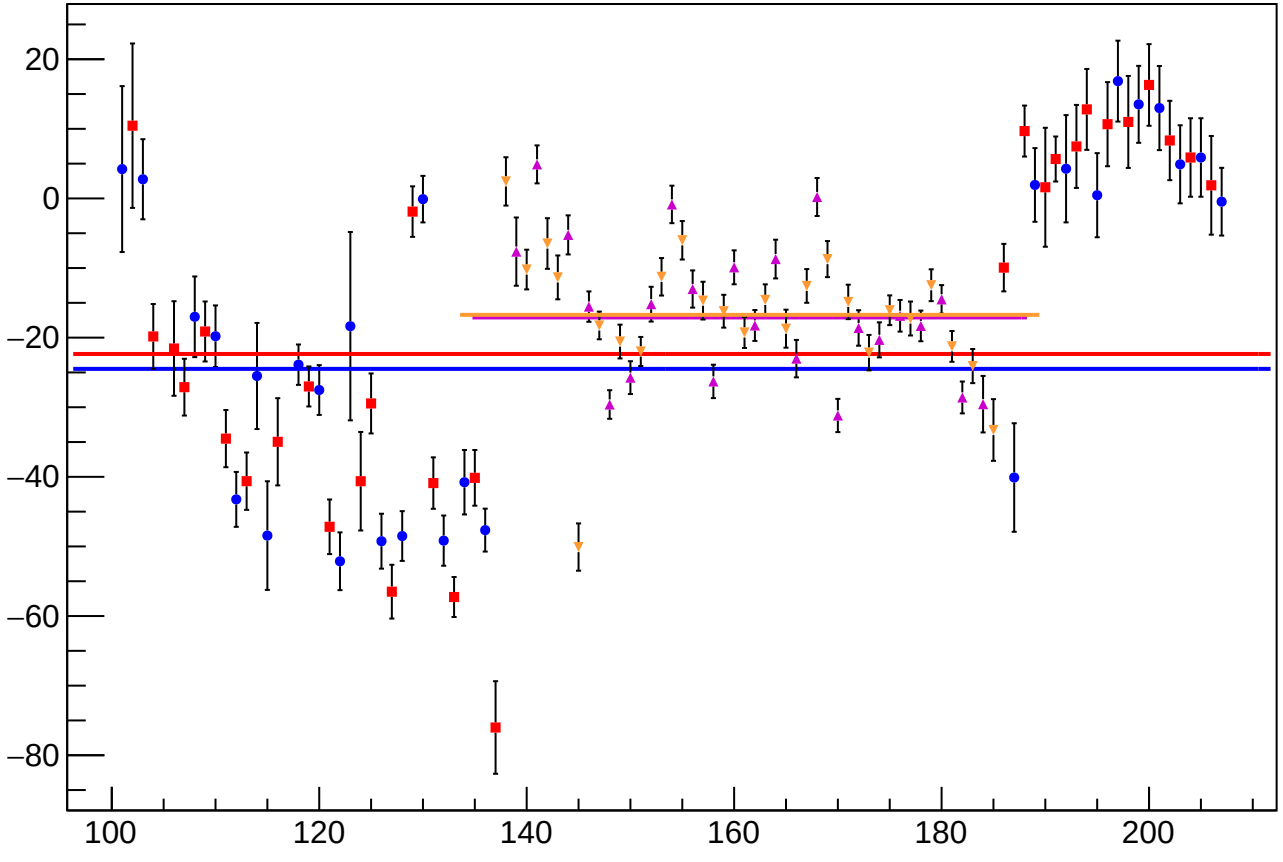
Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

+ sign 5.840+/-0.486 χ^2/NDF: 4063.9/51

All: 7.273+/-0.329 χ^2/NDF: 10015.1/104

- sign 8.491+/-0.448 χ^2/NDF: 5935.0/52

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -24.487+/-0.902 χ^2/NDF: 638.8/26

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -22.347+/-0.815 χ^2/NDF: 861.0/29

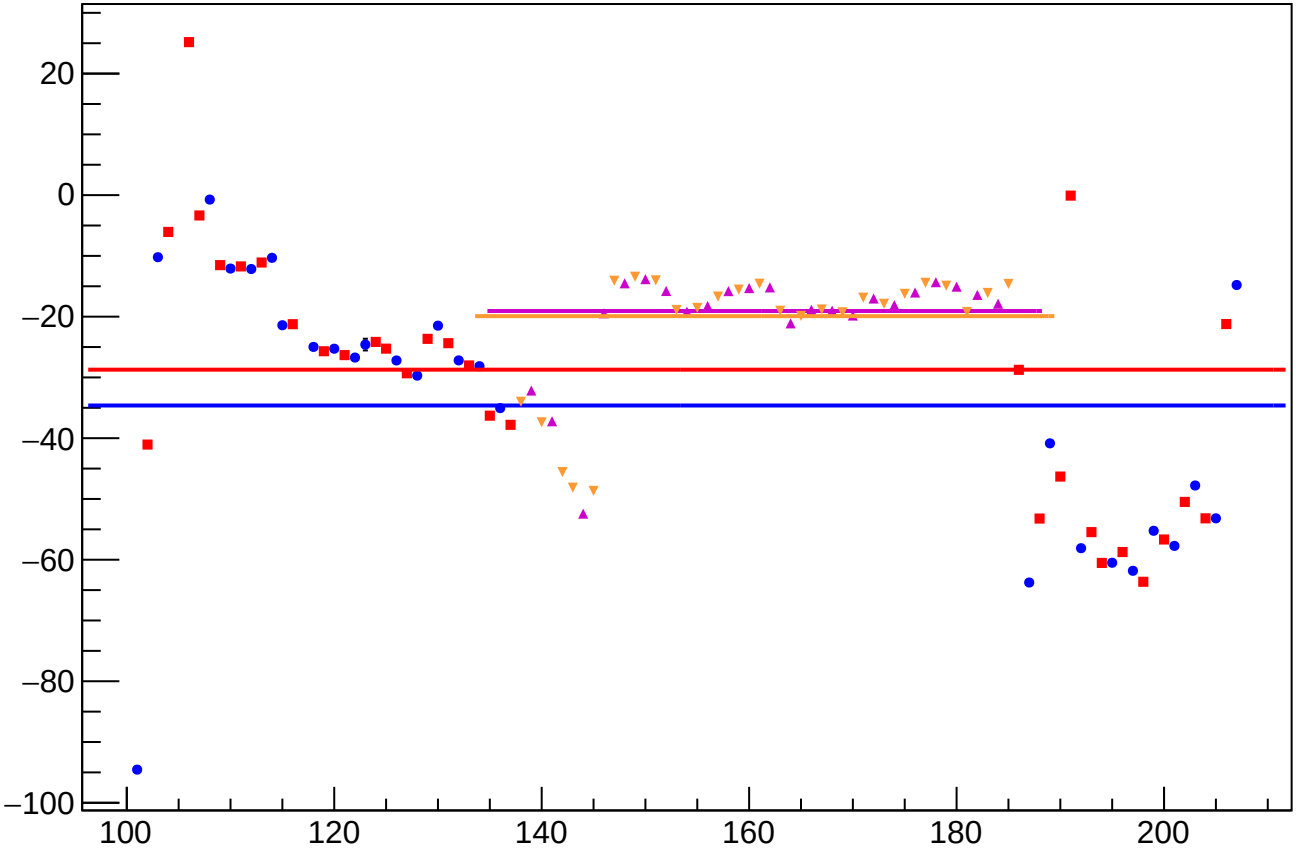
Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

+ sign -18.594+/-0.442 χ^2/NDF: 918.3/51

All: -18.607+/-0.312 χ^2/NDF: 2136.7/104

- sign -18.619+/-0.439 χ^2/NDF: 1218.4/52

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -34.620+/-0.043 χ^2/NDF: 210472.2/26

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -28.724+/-0.037 χ^2/NDF: 407528.0/29

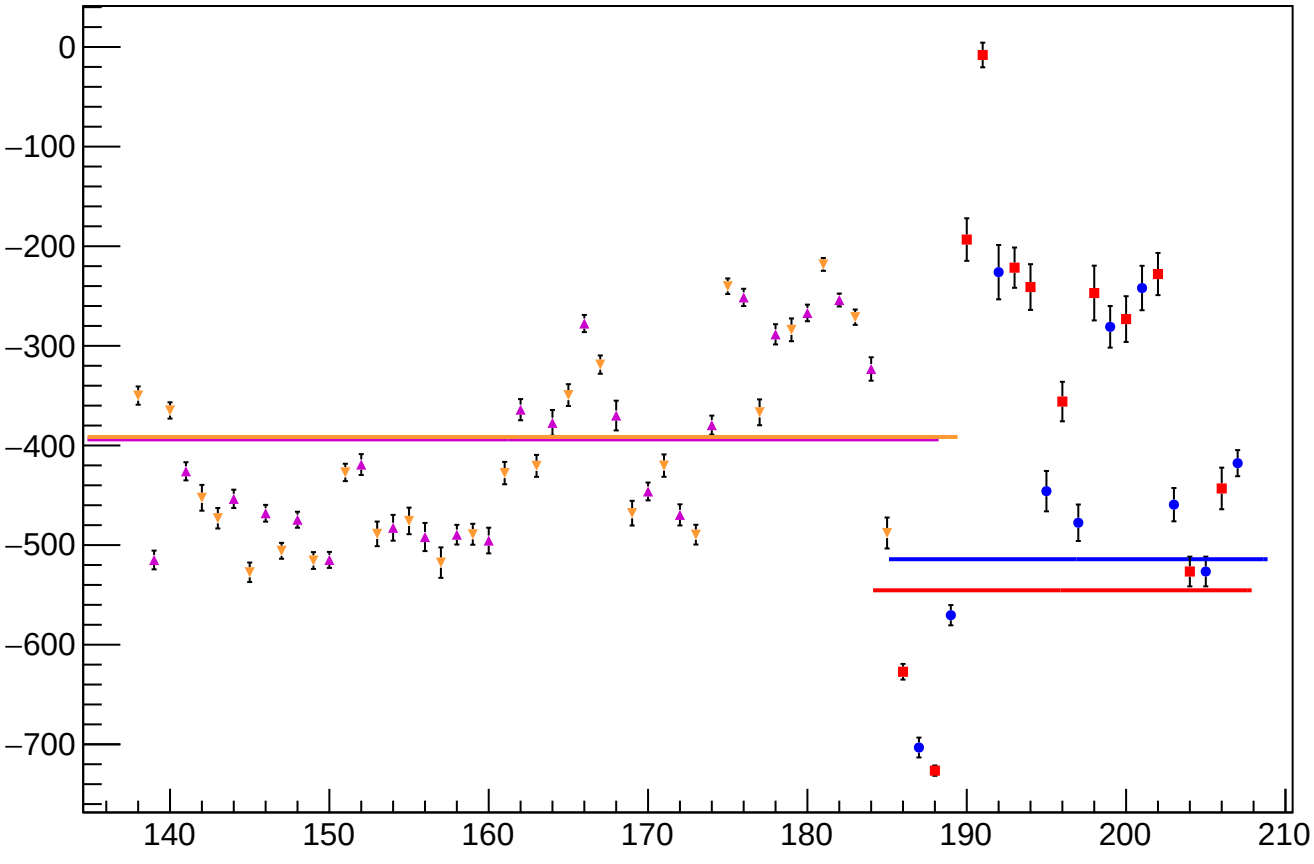
Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

+ sign -23.229+/-0.021 χ^2/NDF: 441054.5/51

All: -22.501+/-0.014 χ^2/NDF: 991444.5/104

- sign -21.814+/-0.020 χ^2/NDF: 547945.3/52

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -514.187+/-4.730 χ^2/NDF: 856.8/9

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -545.395+/-3.507 χ^2/NDF: 4522.1/11

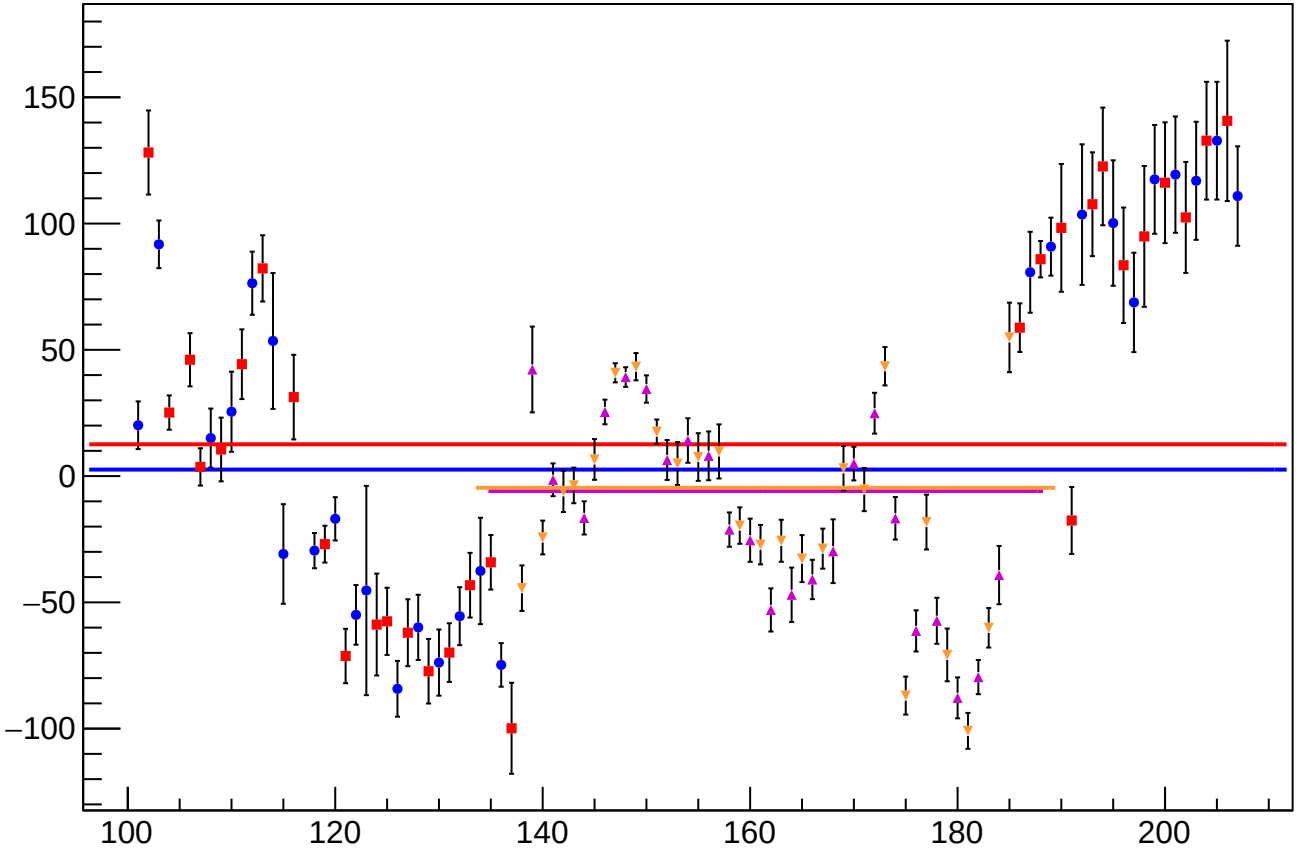
Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

+ sign -409.658+/-1.821 χ^2/NDF: 4138.8/34

All: -420.850+/-1.256 χ^2/NDF: 12422.9/69

- sign -431.026+/-1.736 χ^2/NDF: 8211.9/34

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 2.578+/-2.528 χ^2/NDF: 679.7/26

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 12.582+/-2.250 χ^2/NDF: 720.2/29

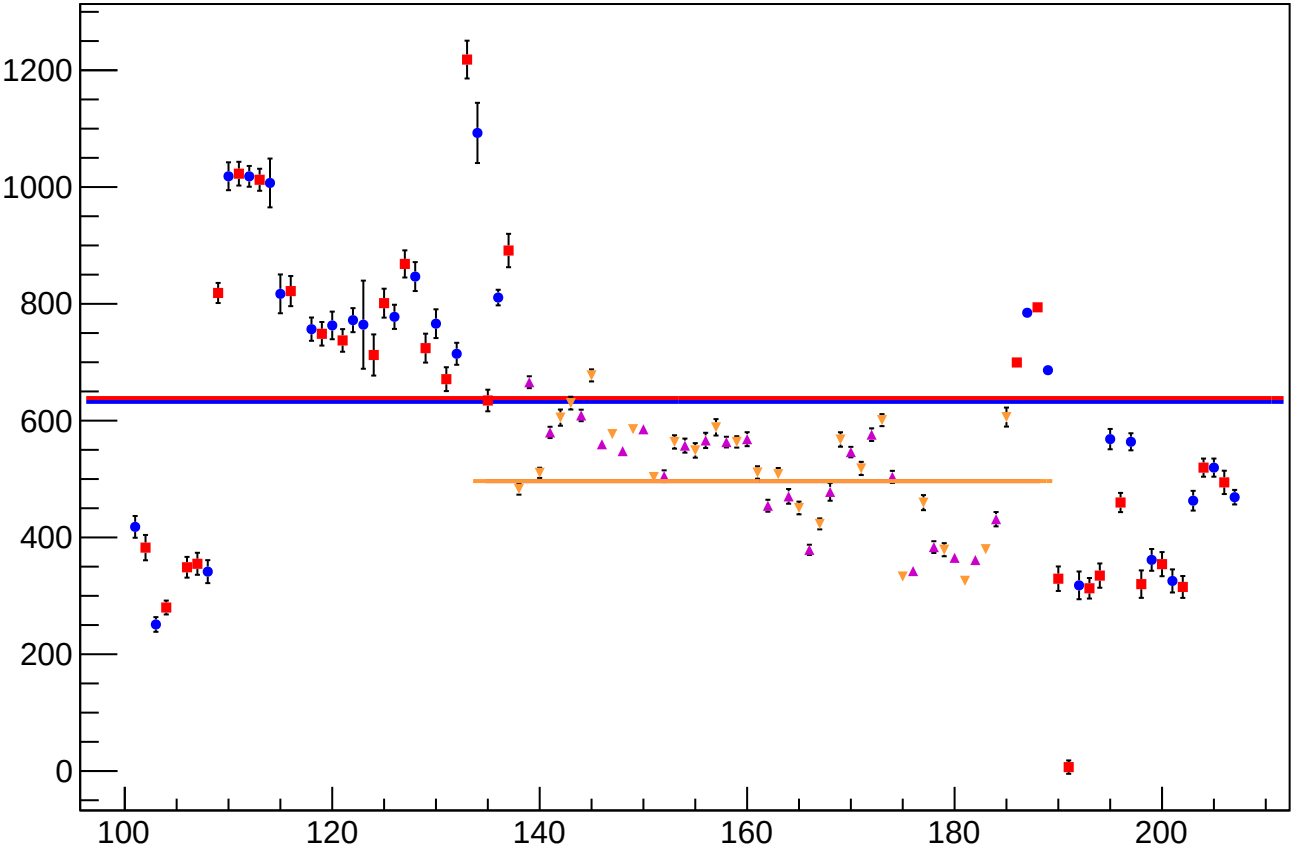
Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

+ sign -2.817+/-1.269 χ^2/NDF: 1457.2/51

All: -1.469+/-0.893 χ^2/NDF: 2883.7/104

- sign -0.150+/-1.256 χ^2/NDF: 1424.3/52

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 632.165+/-3.202 χ^2/NDF: 4035.0/26

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 638.681+/-2.501 χ^2/NDF: 9276.5/29

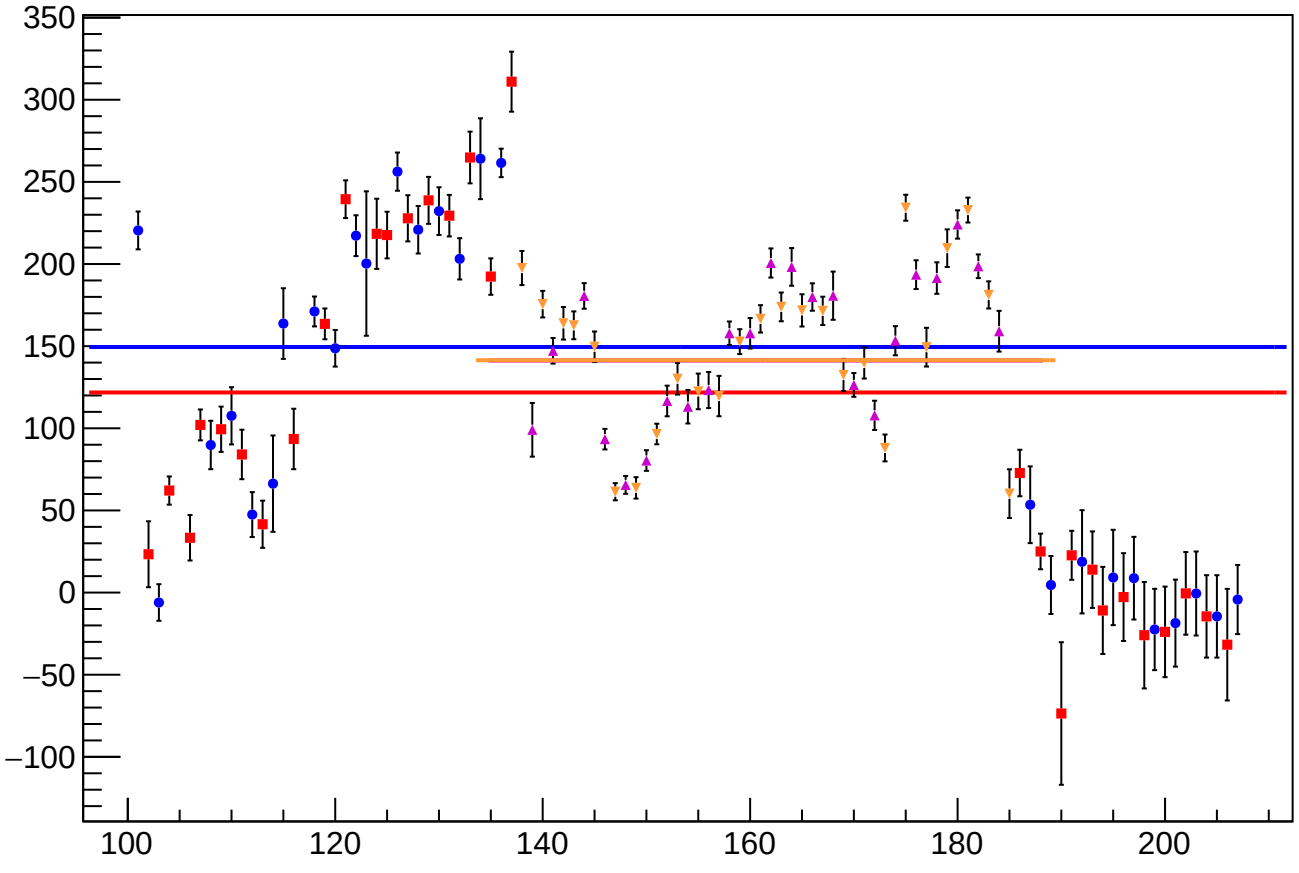
Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

+ sign 533.803+/-1.679 χ^2/NDF: 7925.0/51

All: 543.278+/-1.141 χ^2/NDF: 21542.3/104

- sign 551.408+/-1.555 χ^2/NDF: 13558.0/52

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 149.496+/-2.952 χ^2/NDF: 1078.8/26

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 121.810+/-2.701 χ^2/NDF: 1124.1/29

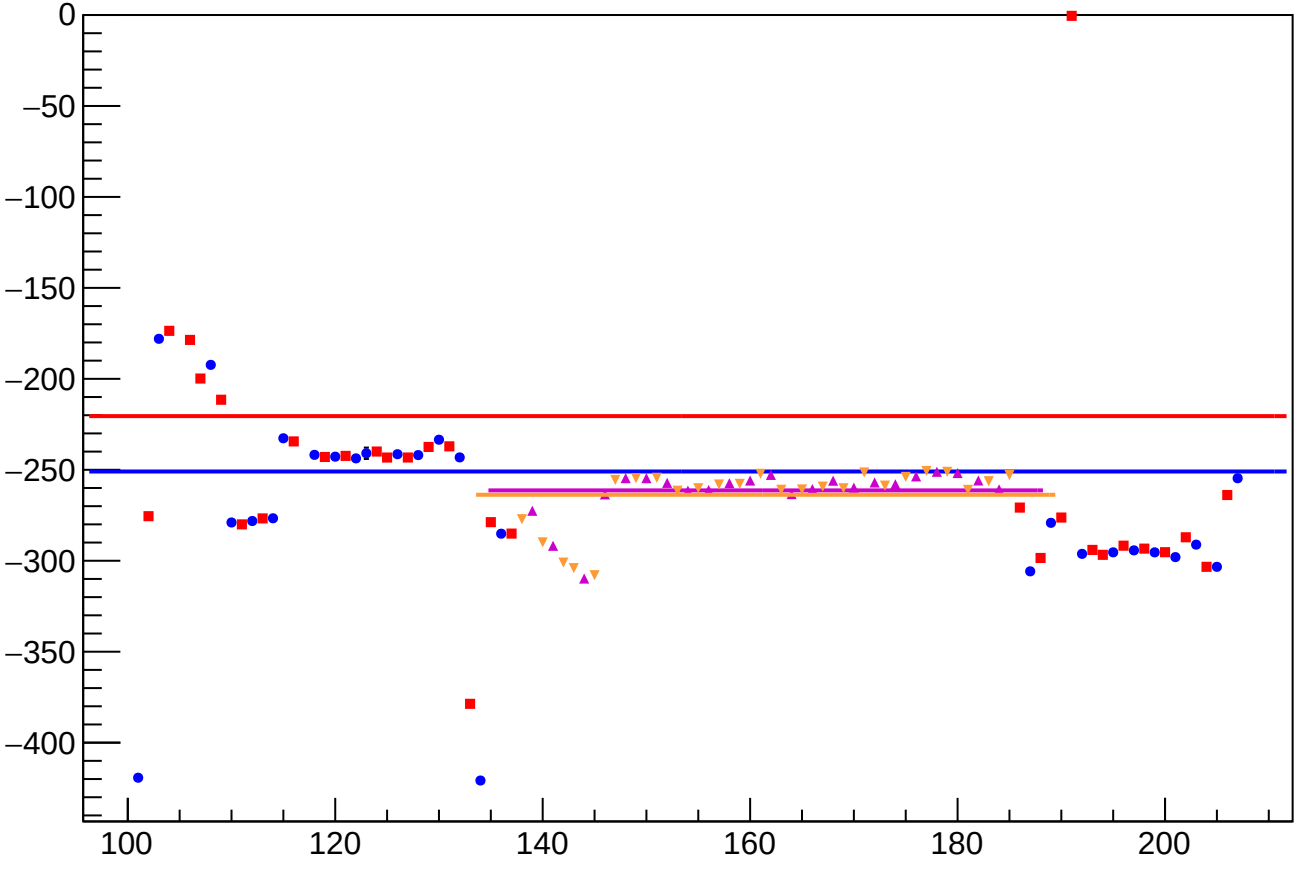
Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

+ sign 143.446+/-1.476 χ^2/NDF: 2042.2/51

All: 139.459+/-1.040 χ^2/NDF: 3961.5/104

- sign 135.529+/-1.465 χ^2/NDF: 1904.9/52

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -250.939+/-0.139 χ^2/NDF: 195235.2/26

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -220.497+/-0.124 χ^2/NDF: 466287.8/29

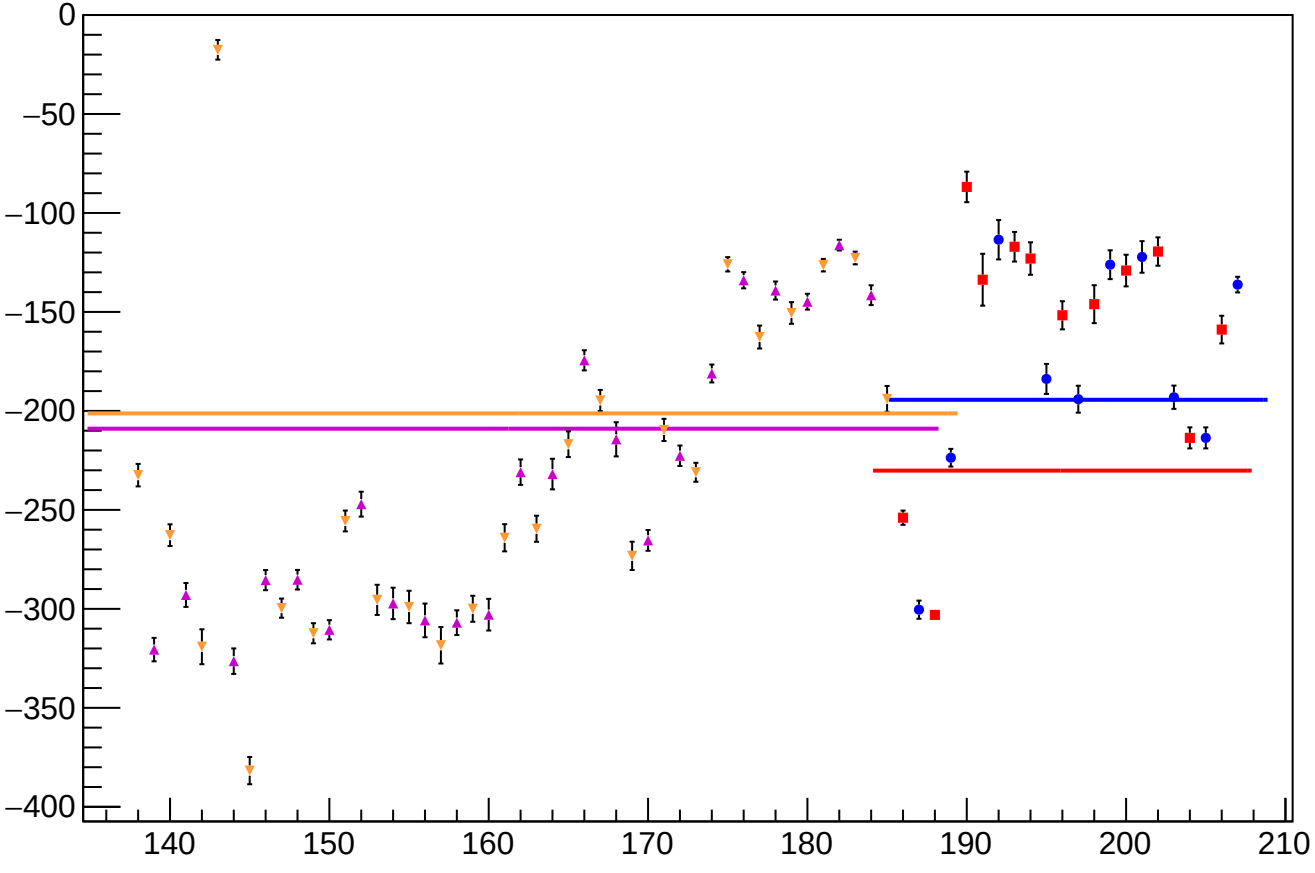
Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

+ sign -260.451+/-0.070 χ^2/NDF: 239486.7/51

All: -254.552+/-0.049 χ^2/NDF: 818471.1/104

- sign -248.990+/-0.068 χ^2/NDF: 565282.8/52

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -194.382+/-1.798 χ^2/NDF: 1043.0/9

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -230.151+/-1.521 χ^2/NDF: 2497.3/11

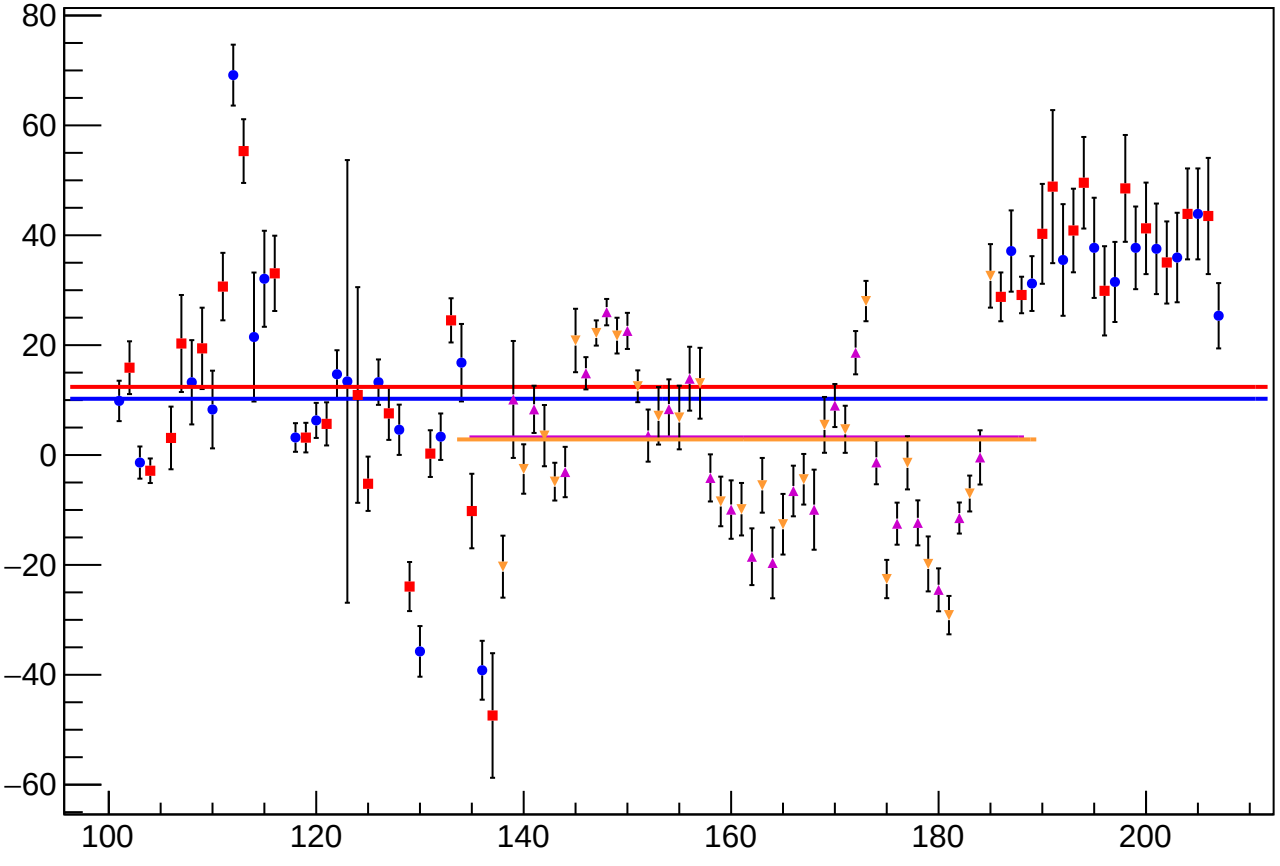
Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

+ sign -199.473+/-0.917 χ^2/NDF: 7163.9/34

All: -208.111+/-0.635 χ^2/NDF: 14826.0/69

- sign -216.064+/-0.880 χ^2/NDF: 7491.5/34

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 10.238+/-0.984 χ^2/NDF: 448.0/26

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 12.403+/-0.936 χ^2/NDF: 426.7/29

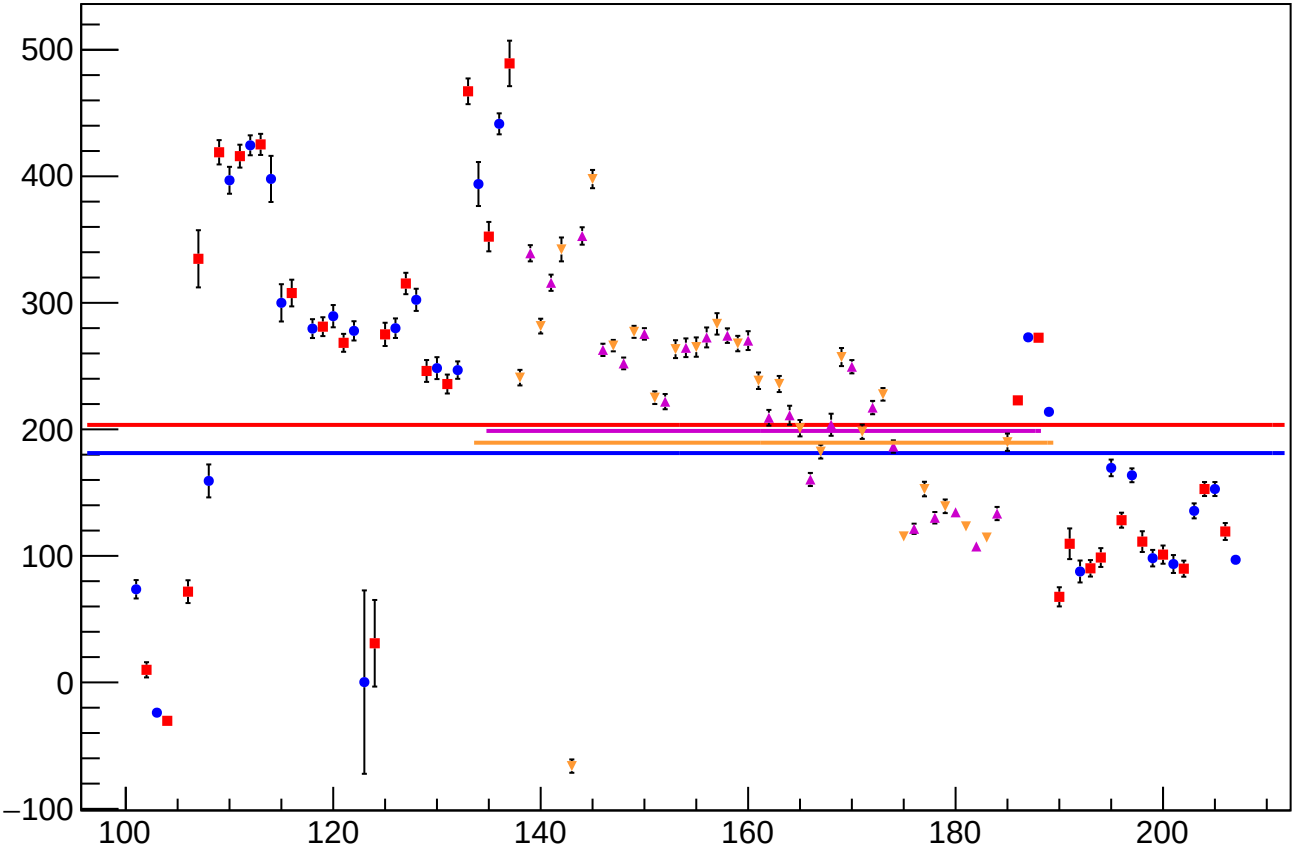
Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

+ sign 5.890+/-0.632 χ^2/NDF: 901.8/51

All: 6.638+/-0.447 χ^2/NDF: 1707.8/104

- sign 7.385+/-0.631 χ^2/NDF: 803.2/52

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 181.255+/-1.248 χ^2/NDF: 8559.0/26

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 203.522+/-1.071 χ^2/NDF: 11480.0/29

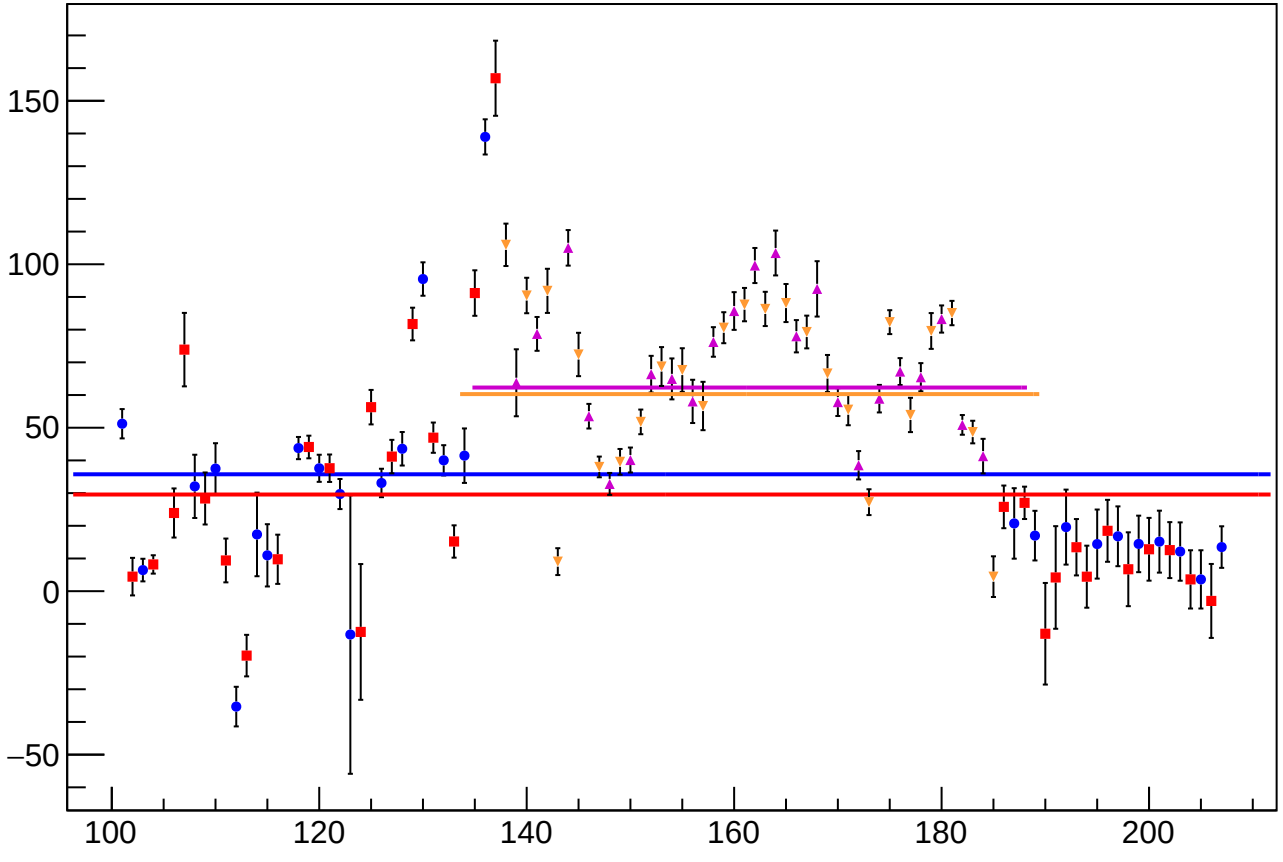
Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

+ sign 185.980+/-0.812 χ^2/NDF: 15233.6/51

All: 194.075+/-0.555 χ^2/NDF: 31499.7/104

- sign 201.158+/-0.760 χ^2/NDF: 16079.8/52

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 35.757+/-1.154 χ^2/NDF: 808.7/26

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 29.570+/-1.121 χ^2/NDF: 608.8/29

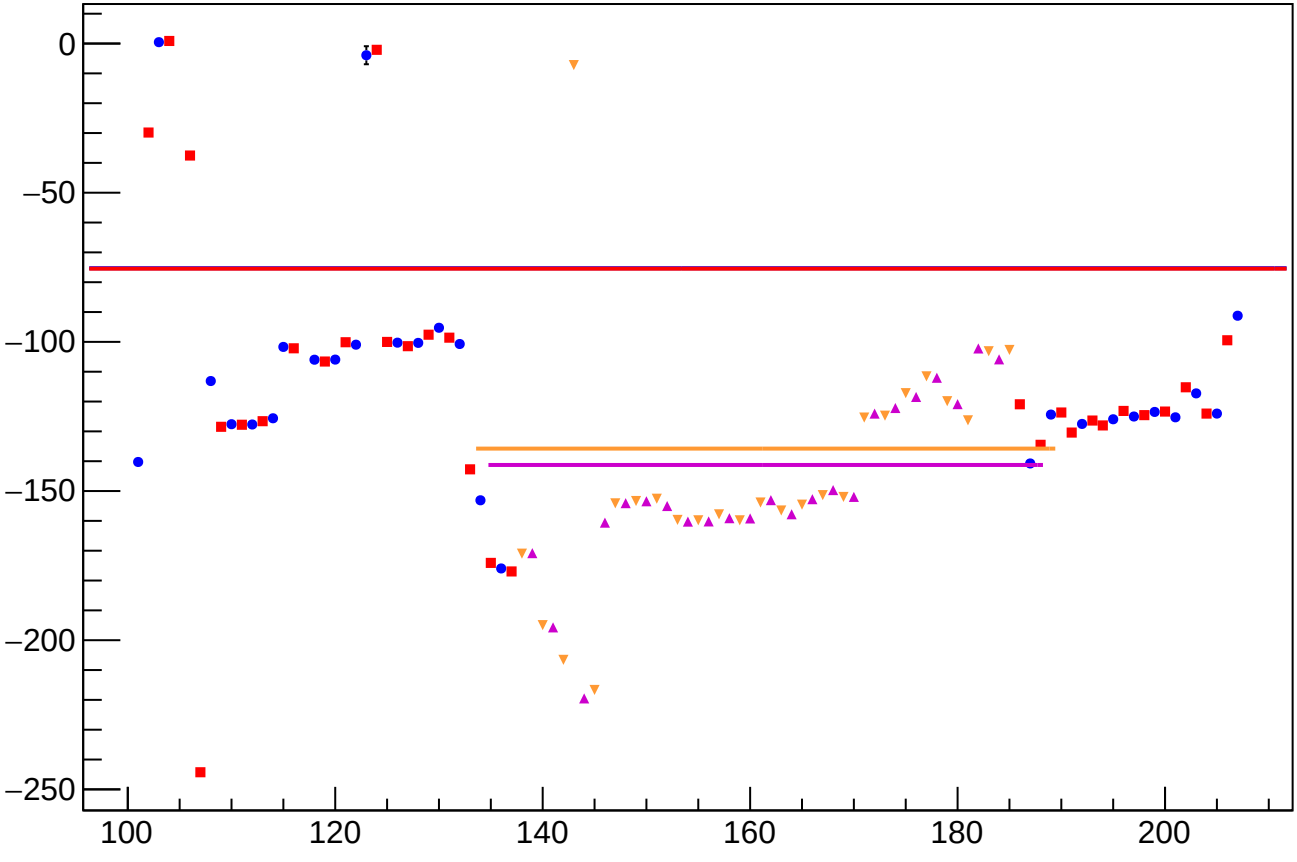
Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

+ sign 50.437+/-0.731 χ^2/NDF: 1794.1/51

All: 49.350+/-0.518 χ^2/NDF: 3305.8/104

- sign 48.253+/-0.734 χ^2/NDF: 1507.3/52

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -75.312+/-0.052 χ^2/NDF: 1398061.8/26

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -75.461+/-0.050 χ^2/NDF: 1400579.7/29

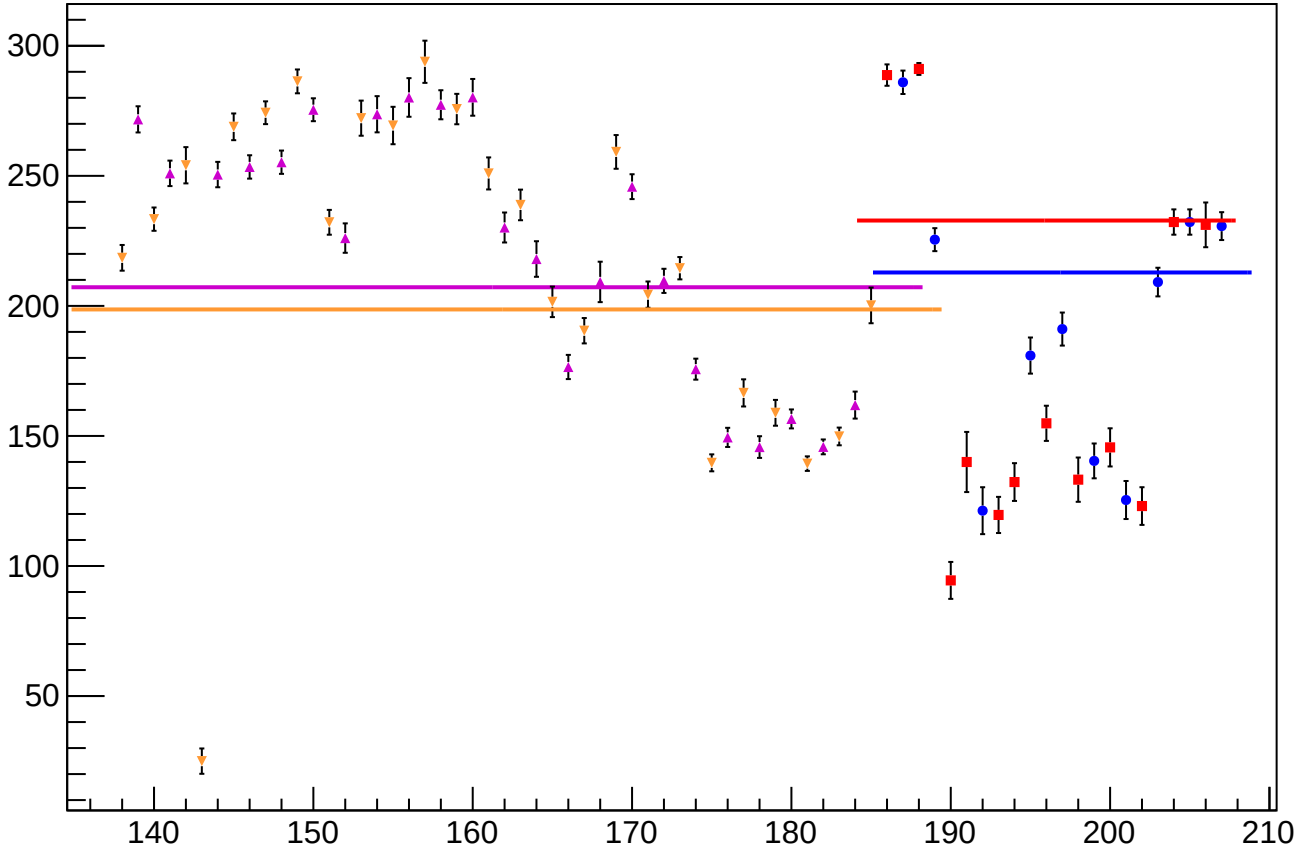
Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

+ sign -110.192+/-0.034 χ^2/NDF: 2915202.0/51

All: -111.116+/-0.024 χ^2/NDF: 5612808.7/10

- sign -112.022+/-0.034 χ^2/NDF: 2696138.7/52

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 212.849+/-1.797 χ^2/NDF: 696.0/9

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 232.824+/-1.494 χ^2/NDF: 2380.7/11

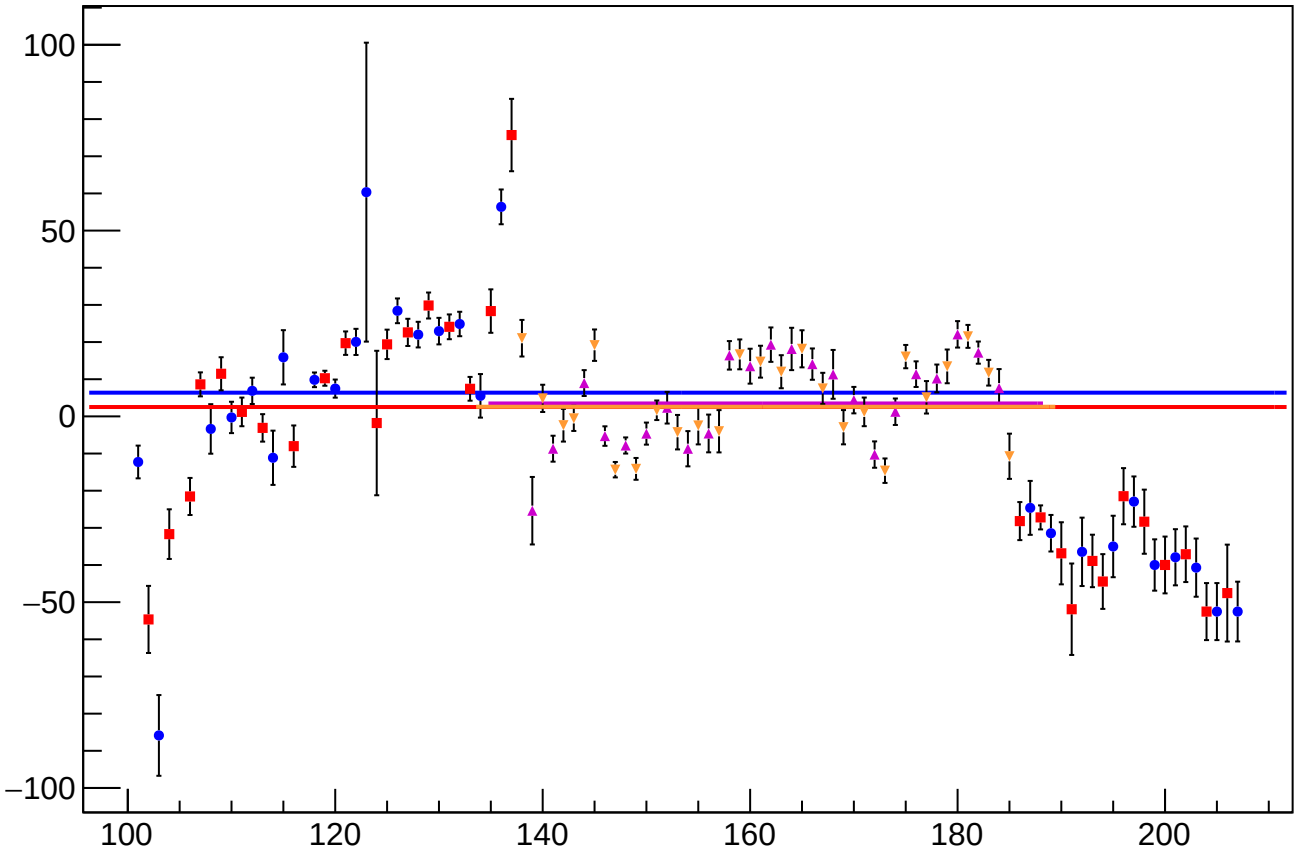
Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

+ sign 201.823+/-0.851 χ^2/NDF: 4891.1/34

All: 208.607+/-0.592 χ^2/NDF: 10231.6/69

- sign 214.951+/-0.823 χ^2/NDF: 5217.6/34

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 6.380+/-0.852 χ^2/NDF: 724.9/26

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 2.518+/-0.824 χ^2/NDF: 762.3/29

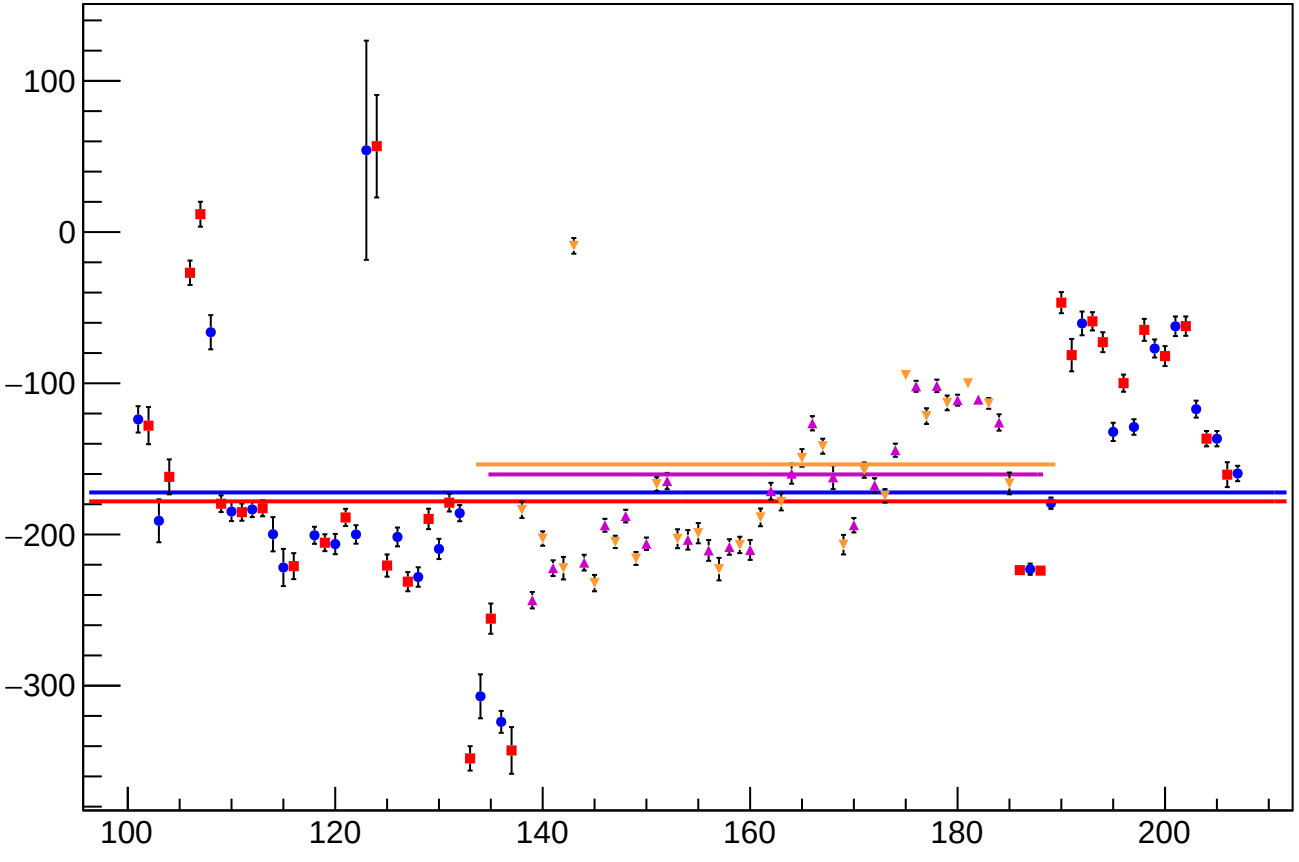
Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

+ sign 4.233+/-0.560 χ^2/NDF: 1010.5/51

All: 3.635+/-0.397 χ^2/NDF: 1970.4/104

- sign 3.029+/-0.563 χ^2/NDF: 957.7/52

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -172.198+/-1.193 χ^2/NDF: 2093.8/26

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -178.098+/-1.019 χ^2/NDF: 4661.9/29

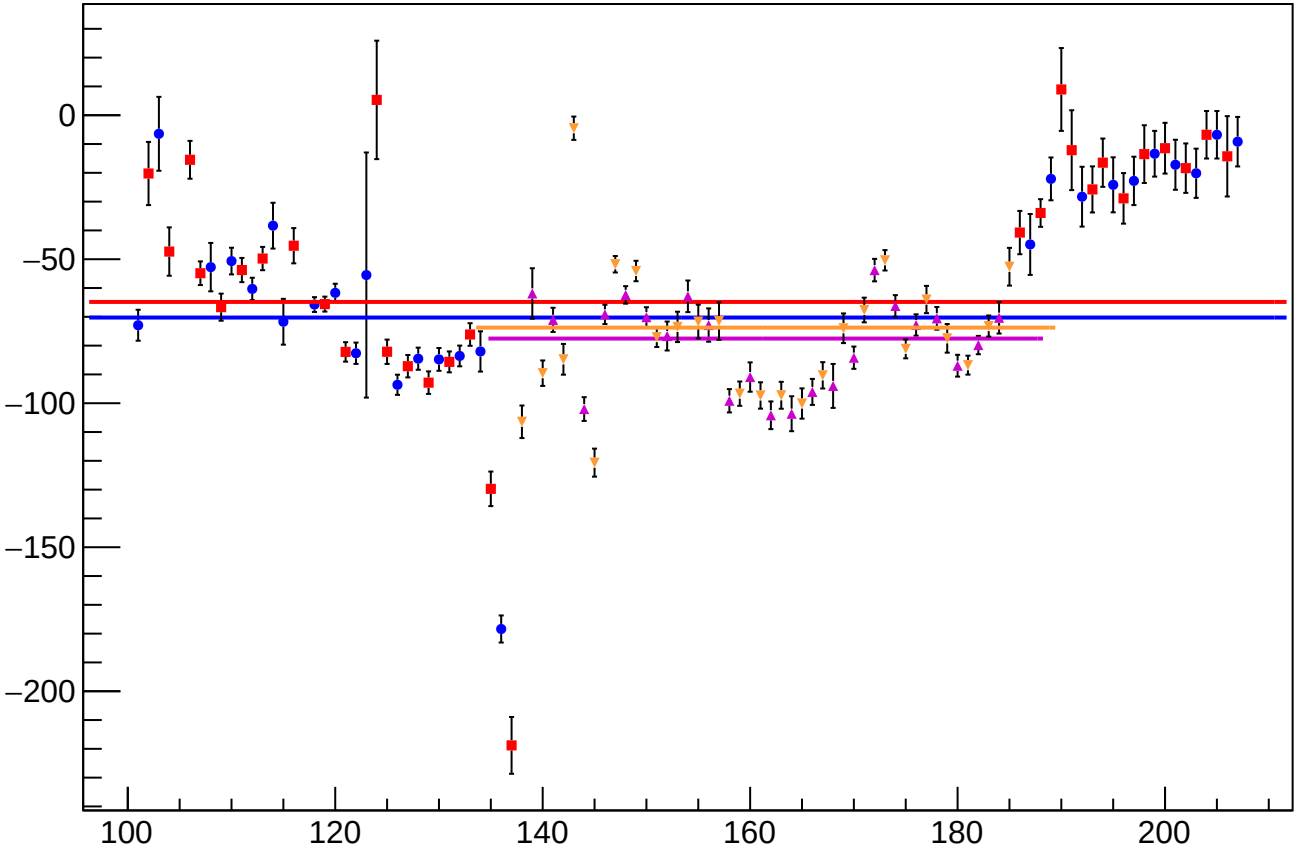
Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

+ sign -161.028+/-0.753 χ^2/NDF: 5170.2/51

All: -165.198+/-0.516 χ^2/NDF: 12097.5/104

- sign -168.889+/-0.708 χ^2/NDF: 6869.5/52

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -70.251+/-0.994 χ^2/NDF: 1061.3/26

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -64.826+/-0.967 χ^2/NDF: 976.4/29

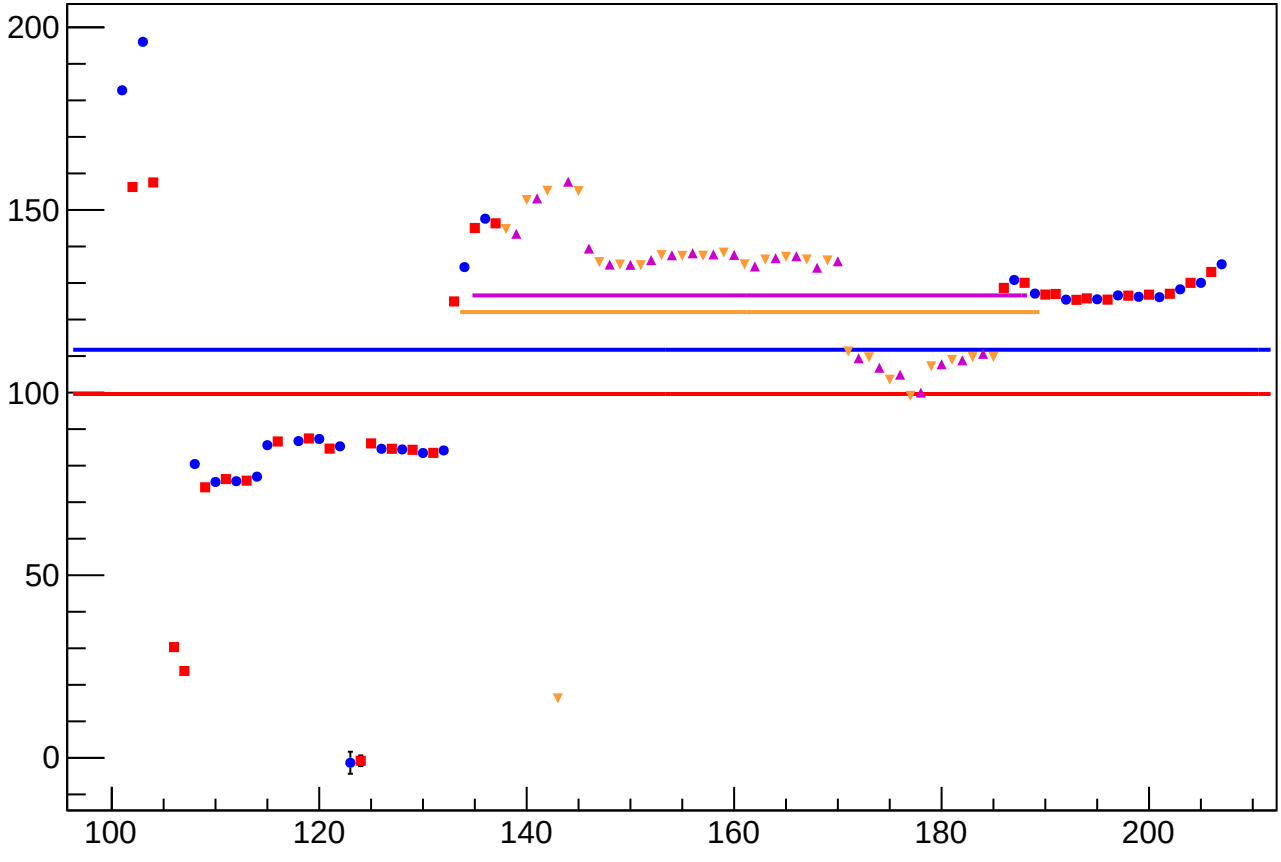
Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

+ sign -72.257+/-0.648 χ^2/NDF: 1796.7/51

All: -72.022+/-0.459 χ^2/NDF: 3120.6/104

- sign -71.784+/-0.651 χ^2/NDF: 1323.7/52

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 111.730+/-0.057 χ^2/NDF: 316415.6/26

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 99.621+/-0.051 χ^2/NDF: 569044.1/29

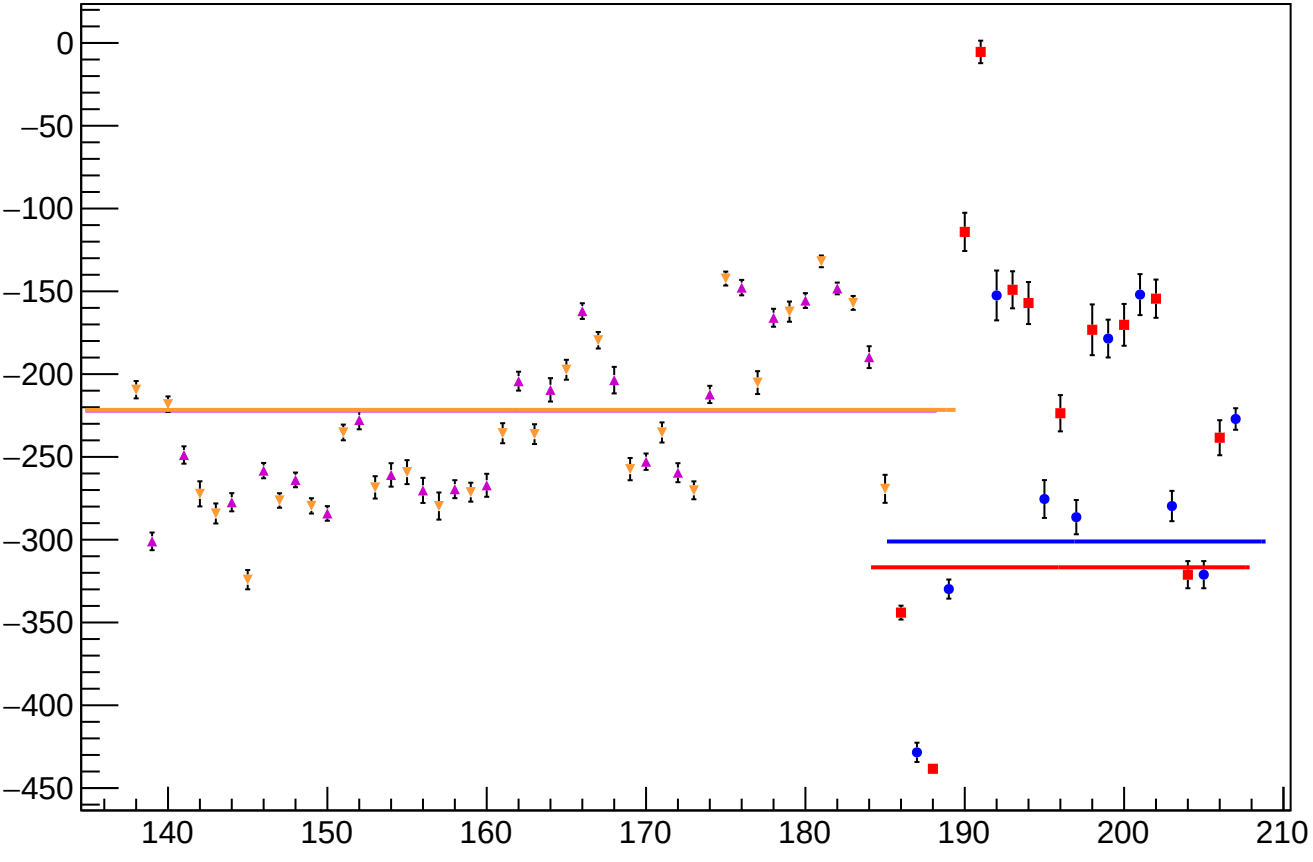
Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

+ sign 118.566+/-0.033 χ^2/NDF: 776364.1/51

All: 117.324+/-0.023 χ^2/NDF: 1681654.4/104

- sign 116.151+/-0.032 χ^2/NDF: 902522.1/52

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -301.075+/-2.622 χ^2/NDF: 1007.2/9

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -316.667+/-1.967 χ^2/NDF: 4980.8/11

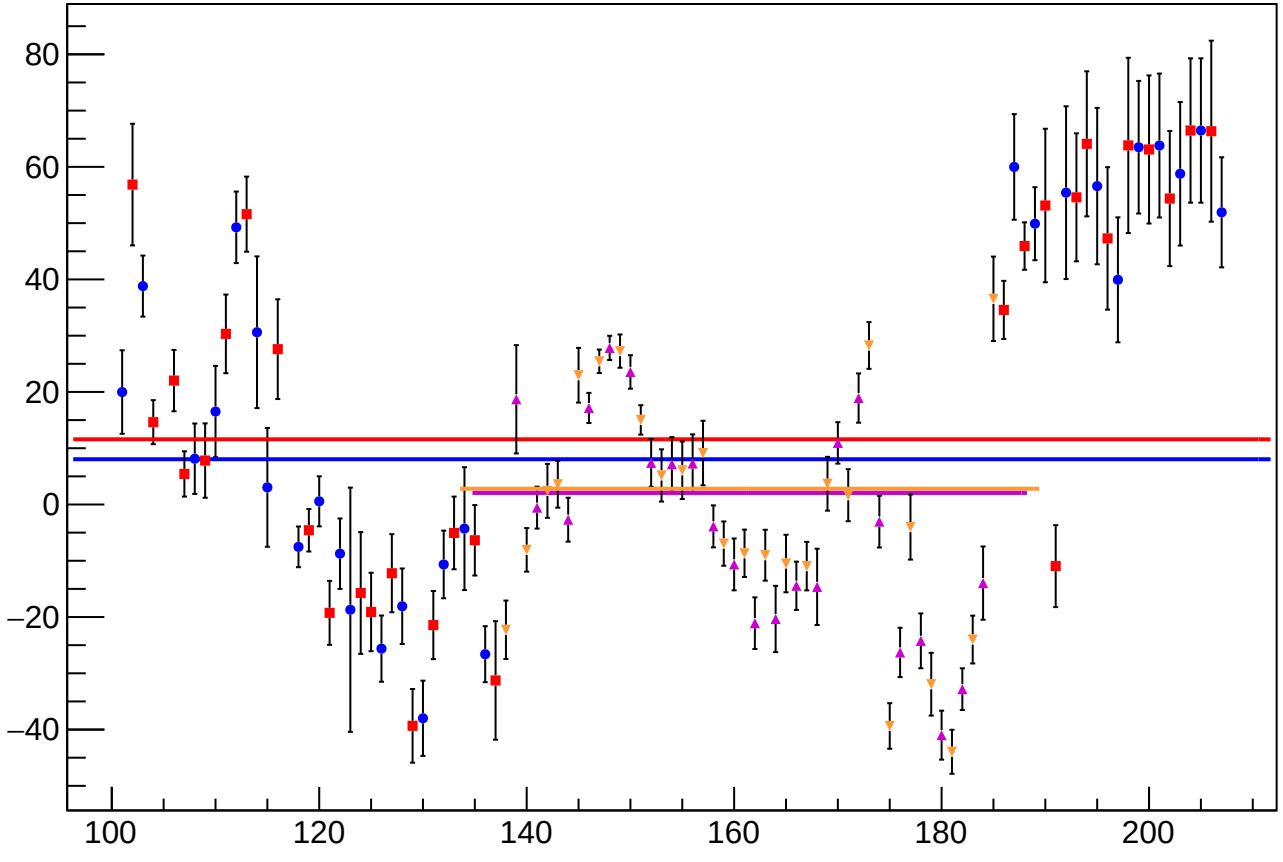
Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

+ sign -233.266+/-1.004 χ^2/NDF: 4356.9/34

All: -239.131+/-0.694 χ^2/NDF: 13359.9/69

- sign -244.477+/-0.959 χ^2/NDF: 8937.9/34

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 8.041+/-1.380 χ^2/NDF: 465.9/26

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 11.583+/-1.219 χ^2/NDF: 490.9/29

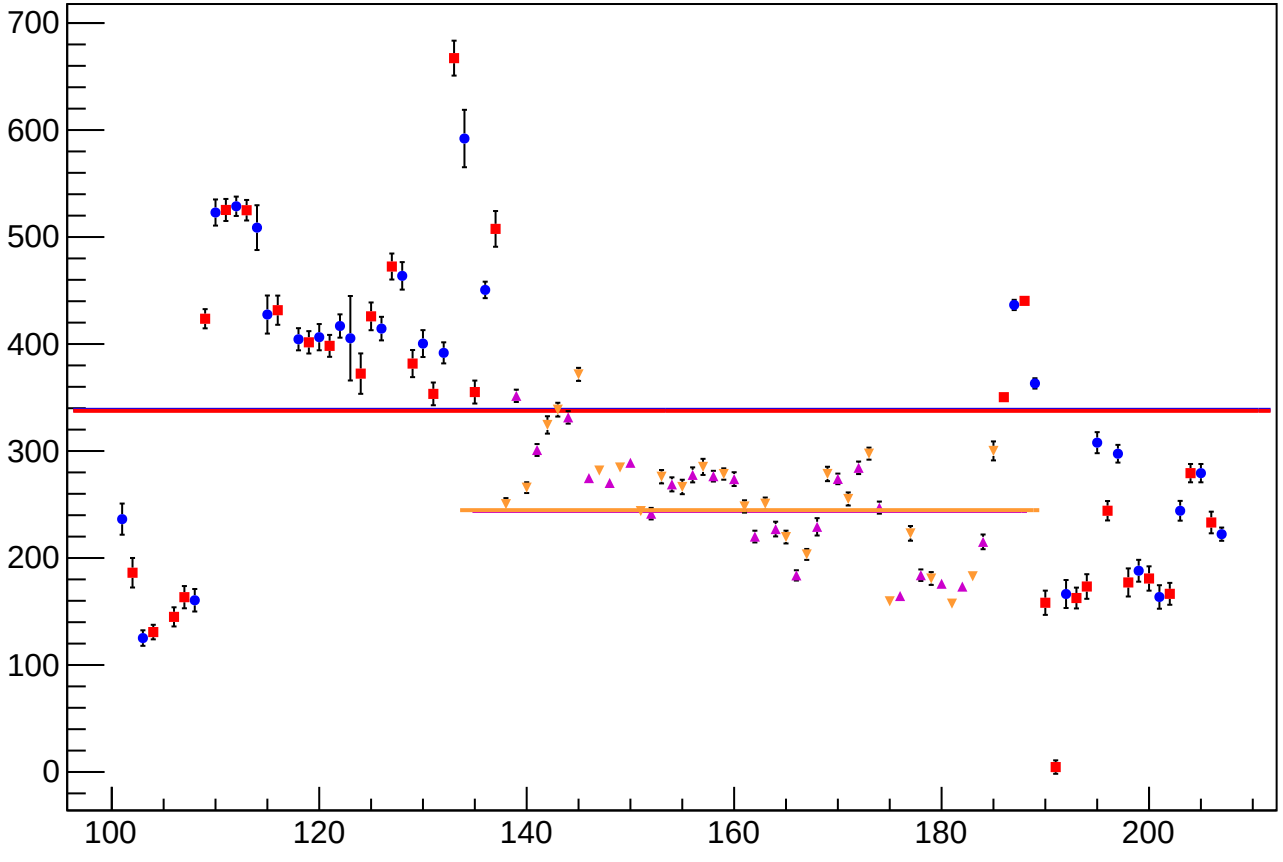
Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

+ sign 4.142+/-0.698 χ^2/NDF: 1162.2/51

All: 4.620+/-0.490 χ^2/NDF: 2288.3/104

- sign 5.084+/-0.688 χ^2/NDF: 1125.2/52

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 338.504+/-1.774 χ^2/NDF: 4209.9/26

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 337.553+/-1.389 χ^2/NDF: 9656.9/29

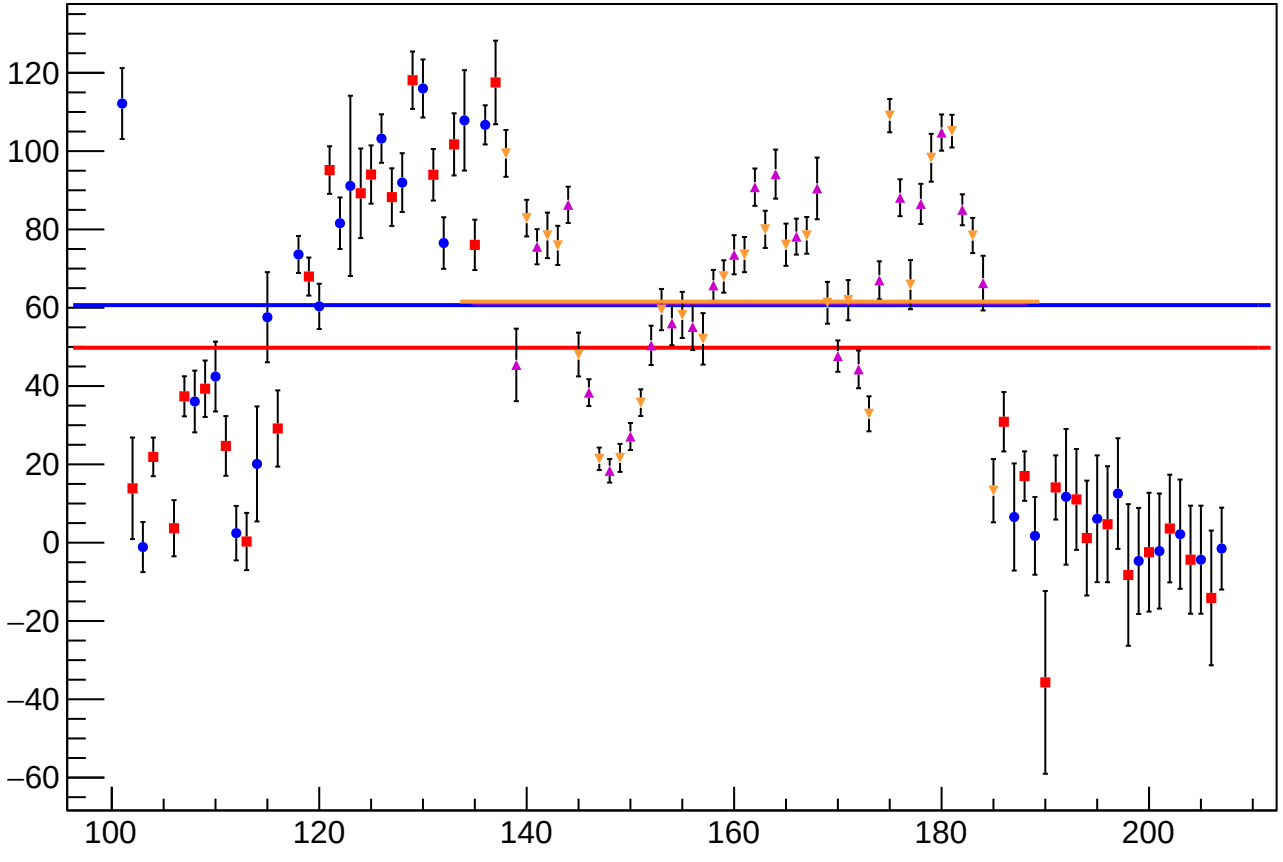
Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

+ sign 270.228+/-0.925 χ^2/NDF: 8809.9/51

All: 275.284+/-0.629 χ^2/NDF: 23629.1/104

- sign 279.625+/-0.857 χ^2/NDF: 14763.8/52

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 60.670+/-1.609 χ^2/NDF: 659.7/26

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 49.787+/-1.458 χ^2/NDF: 683.6/29

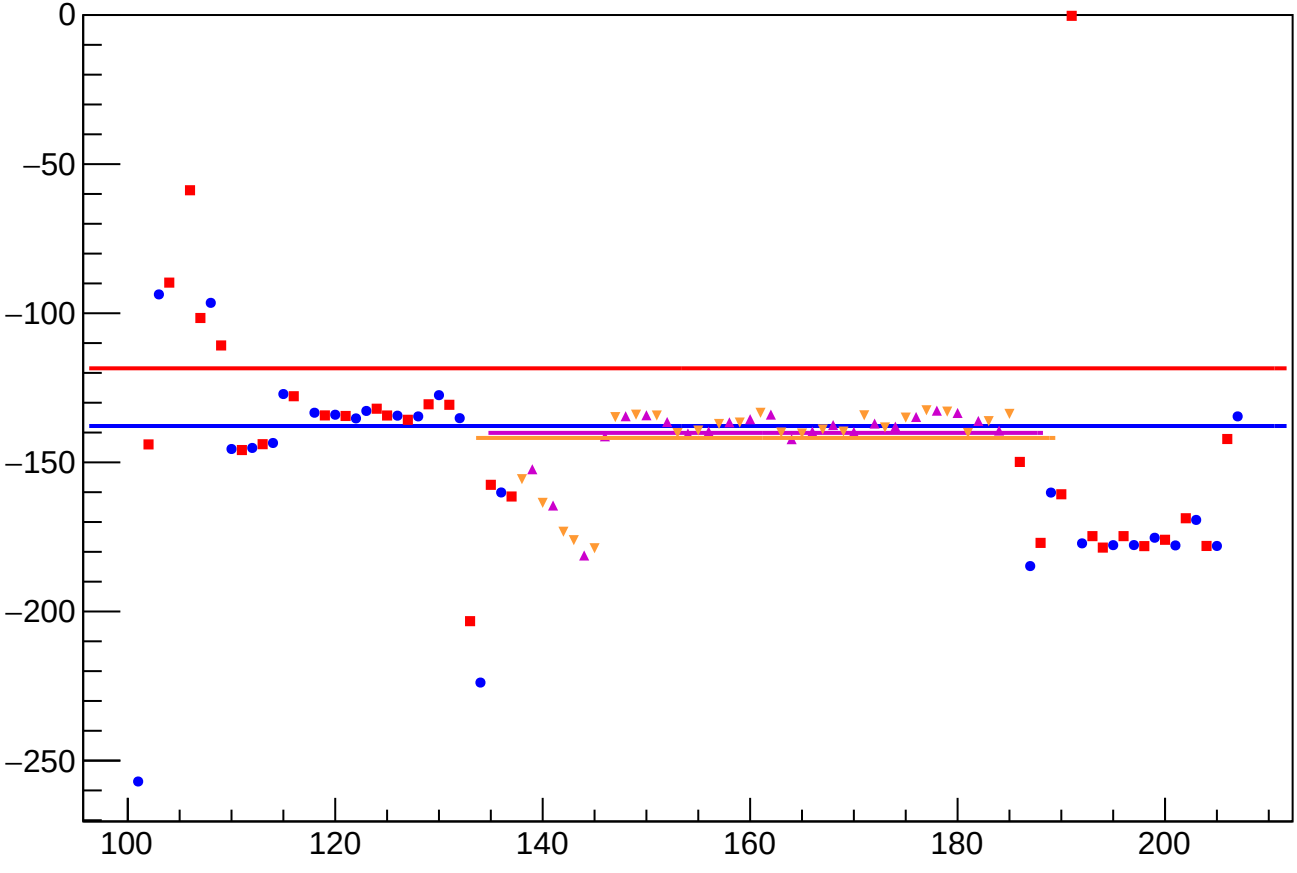
Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

+ sign 61.345+/-0.811 χ^2/NDF: 1530.2/51

All: 59.559+/-0.570 χ^2/NDF: 2969.6/104

- sign 57.816+/-0.801 χ^2/NDF: 1429.8/52

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -137.807+/-0.077 χ^2/NDF: 232650.8/26

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -118.465+/-0.068 χ^2/NDF: 586577.5/29

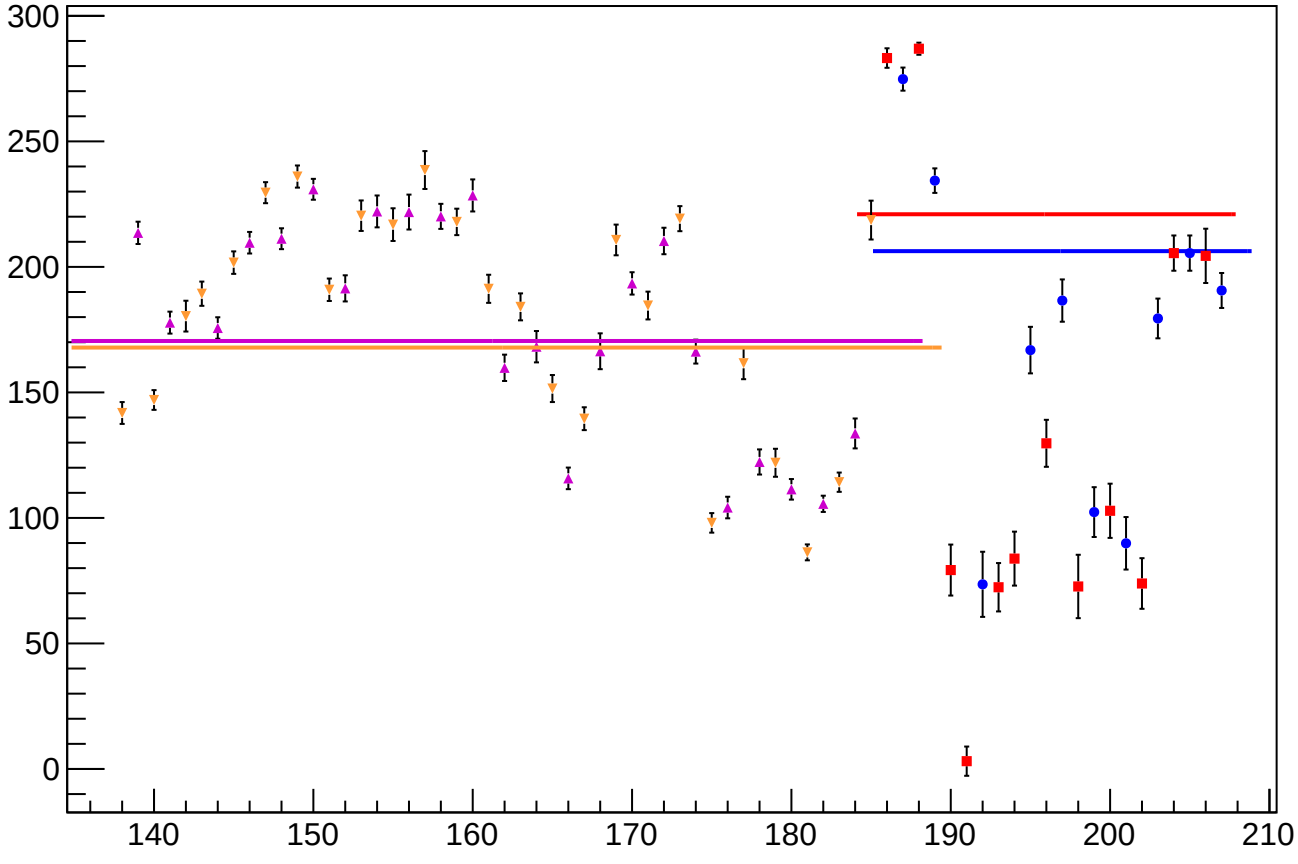
Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

+ sign -140.798+/-0.039 χ^2/NDF: 312398.8/51

All: -137.059+/-0.027 χ^2/NDF: 1035922.1/10

- sign -133.565+/-0.037 χ^2/NDF: 705494.9/52

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 206.276+/-2.254 χ^2/NDF: 633.1/9

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 220.972+/-1.662 χ^2/NDF: 3571.7/11

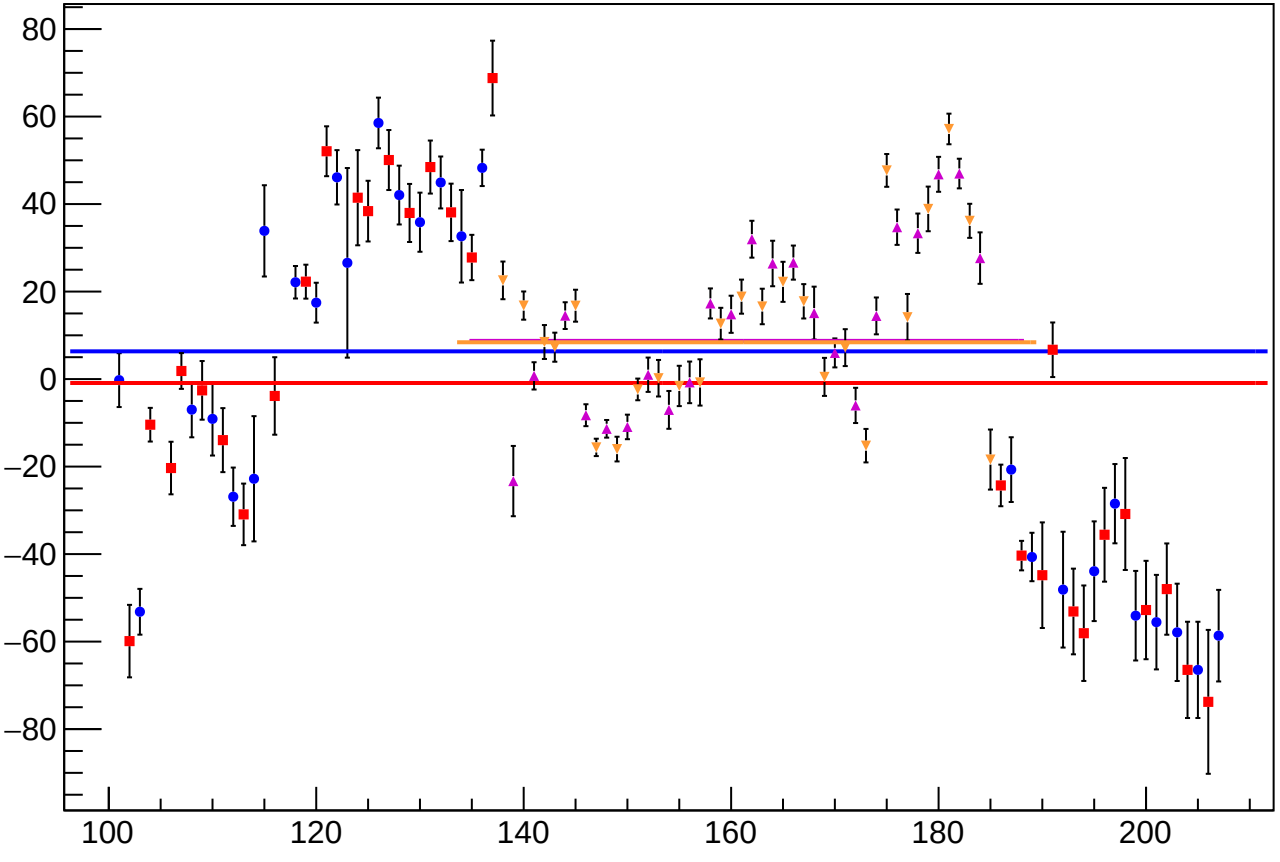
Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

+ sign 173.907+/-0.894 χ^2/NDF: 3343.3/34

All: 179.055+/-0.616 χ^2/NDF: 9695.2/69

- sign 183.727+/-0.851 χ^2/NDF: 6288.5/34

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 6.339+/-1.317 χ^2/NDF: 839.2/26

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: -0.896+/-1.160 χ^2/NDF: 891.4/29

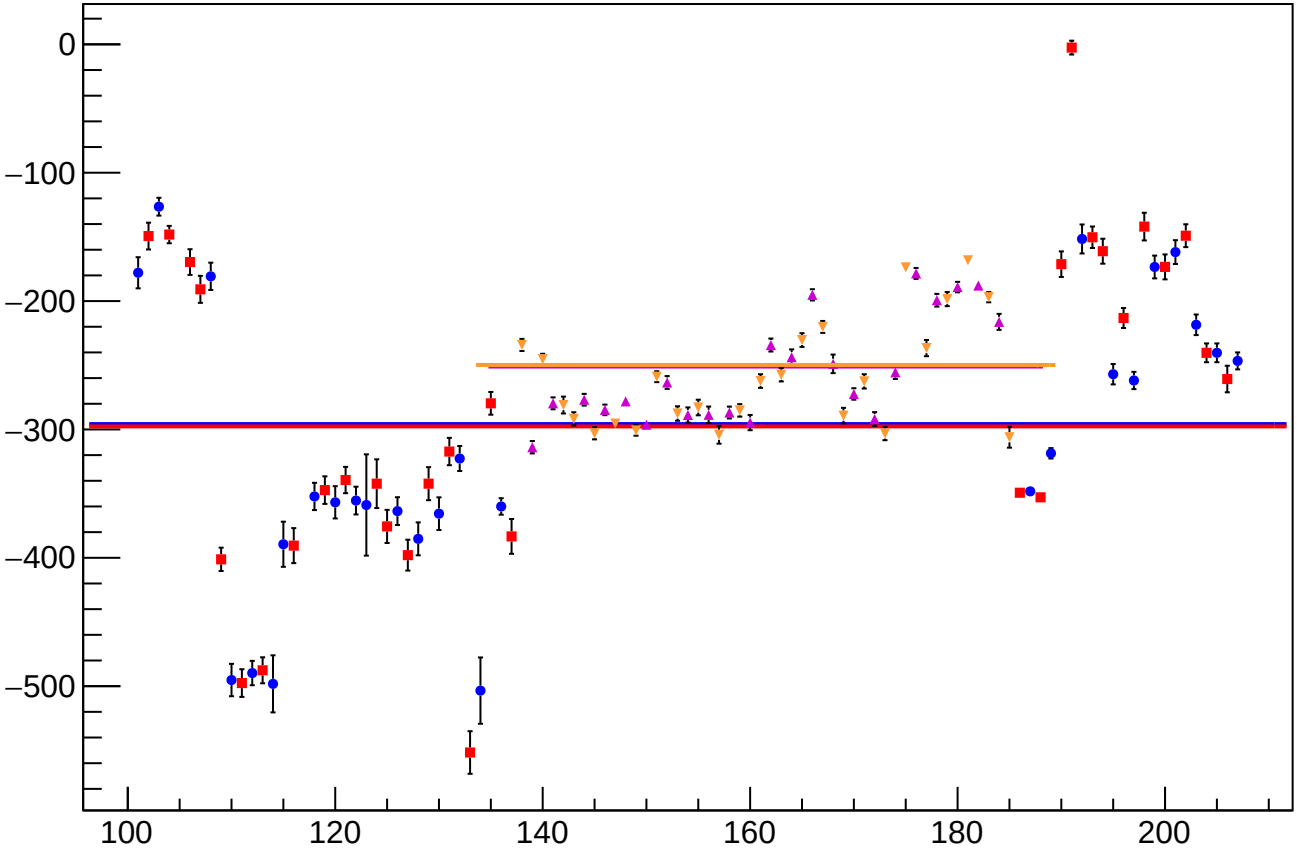
Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

+ sign 7.926+/-0.639 χ^2/NDF: 1591.7/51

All: 6.883+/-0.450 χ^2/NDF: 3166.8/104

- sign 5.857+/-0.634 χ^2/NDF: 1569.8/52

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -295.828+/-1.585 χ^2/NDF: 3000.7/26

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -297.645+/-1.219 χ^2/NDF: 7869.7/29

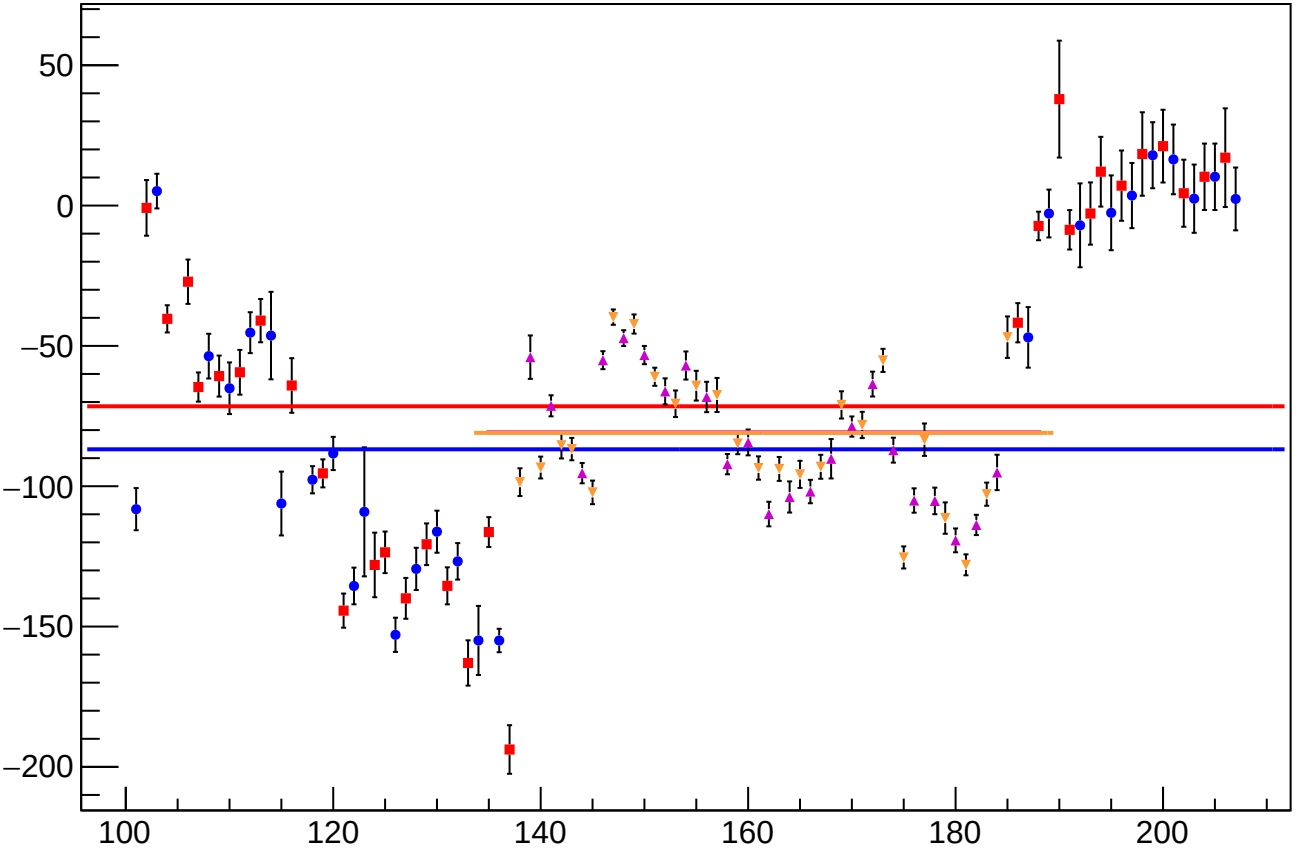
Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

+ sign -262.413+/-0.831 χ^2/NDF: 5846.2/51

All: -266.223+/-0.563 χ^2/NDF: 16598.1/104

- sign -269.472+/-0.767 χ^2/NDF: 10712.9/52

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -86.847+/-1.535 χ^2/NDF: 1429.7/26

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -71.525+/-1.393 χ^2/NDF: 1620.7/29

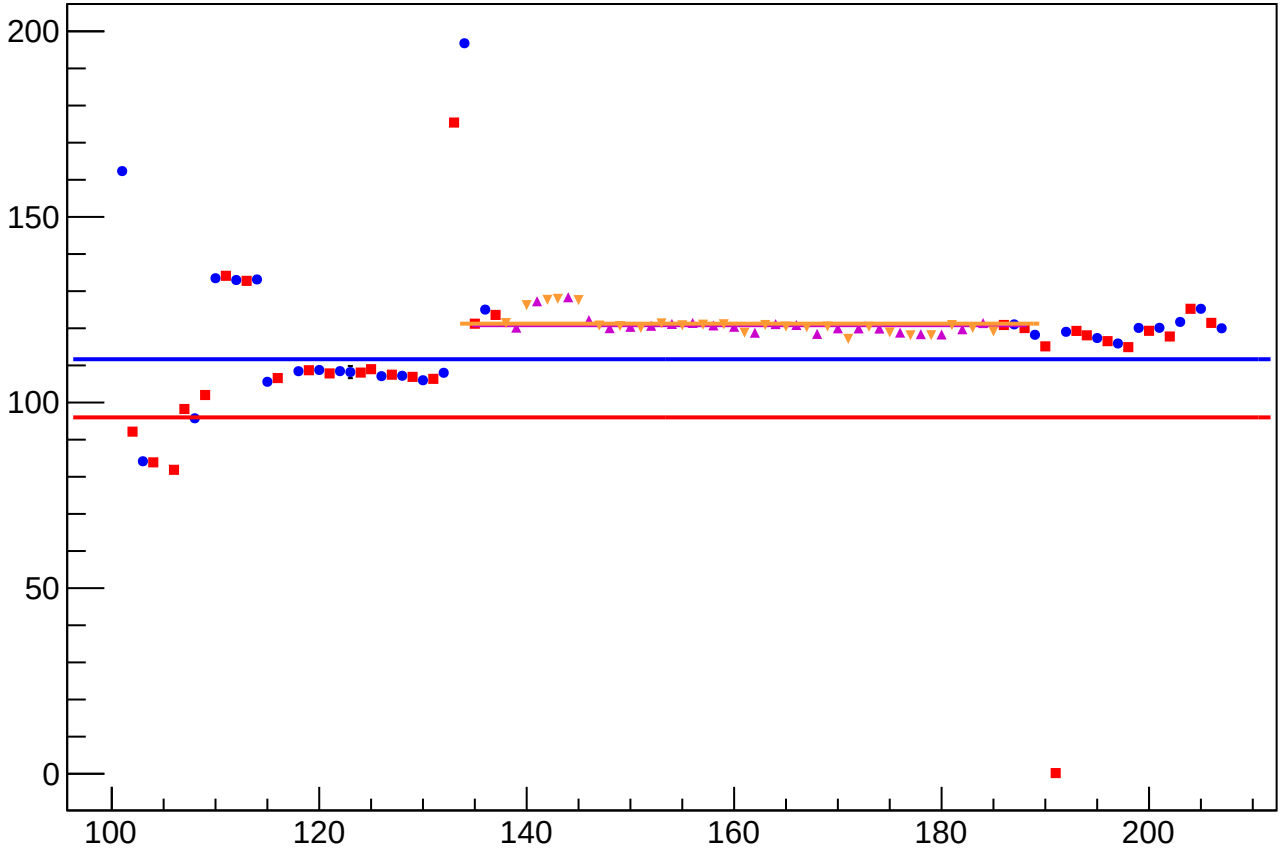
Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

+ sign -82.348+/-0.741 χ^2/NDF: 2352.1/51

All: -80.266+/-0.523 χ^2/NDF: 4715.8/104

- sign -78.202+/-0.738 χ^2/NDF: 2348.0/52

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 111.665+/-0.072 χ^2/NDF: 78548.0/26

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 96.000+/-0.063 χ^2/NDF: 344121.3/29

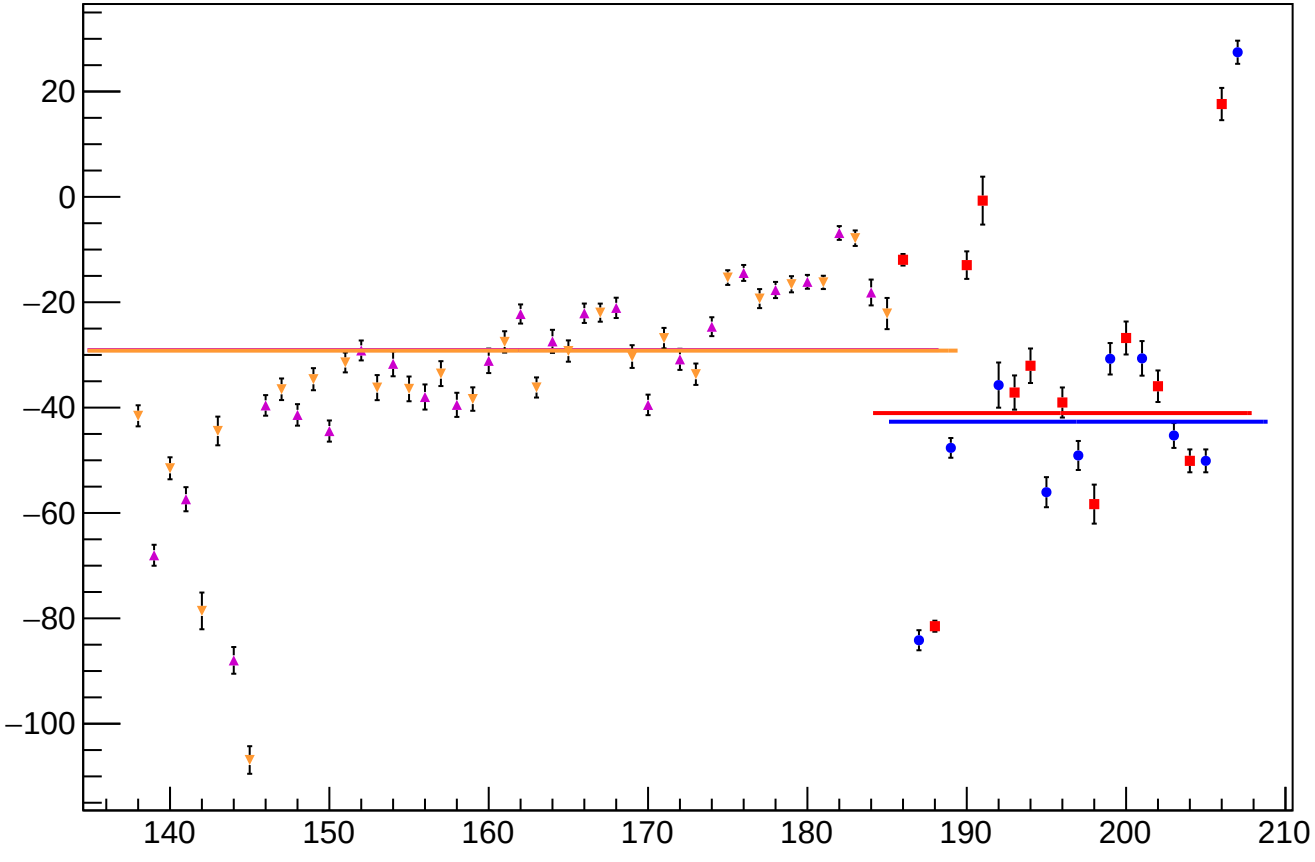
Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

+ sign 118.945+/-0.035 χ^2/NDF: 97012.6/51

All: 116.165+/-0.024 χ^2/NDF: 567066.8/104

- sign 113.541+/-0.034 χ^2/NDF: 457828.3/52

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -42.676+/-0.773 χ^2/NDF: 1572.1/9

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -41.037+/-0.593 χ^2/NDF: 2822.1/11

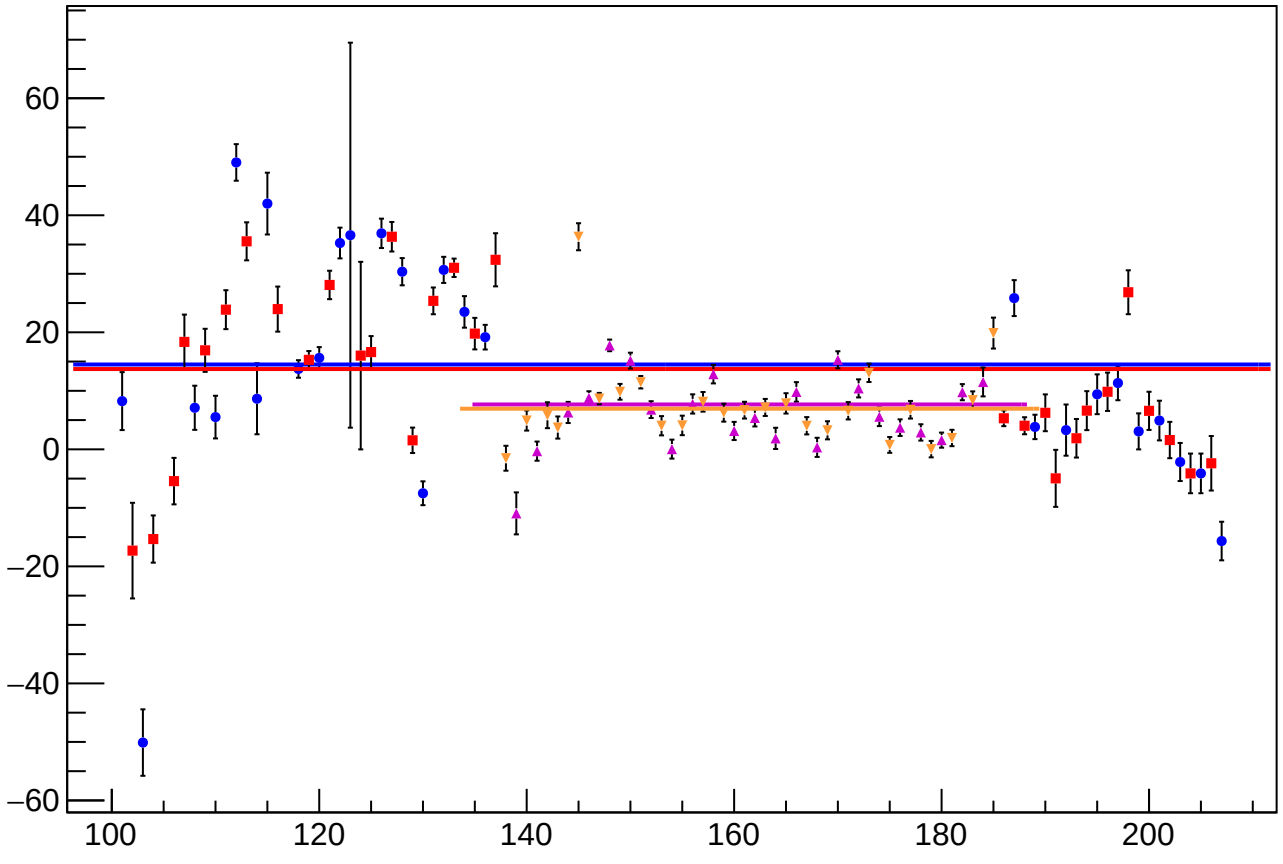
Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

+ sign -31.910+/-0.348 χ^2/NDF: 3695.5/34

All: -32.348+/-0.239 χ^2/NDF: 8675.8/69

- sign -32.739+/-0.328 χ^2/NDF: 4977.3/34

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 14.496+/-0.537 χ^2/NDF: 877.6/26

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 13.720+/-0.485 χ^2/NDF: 665.3/29

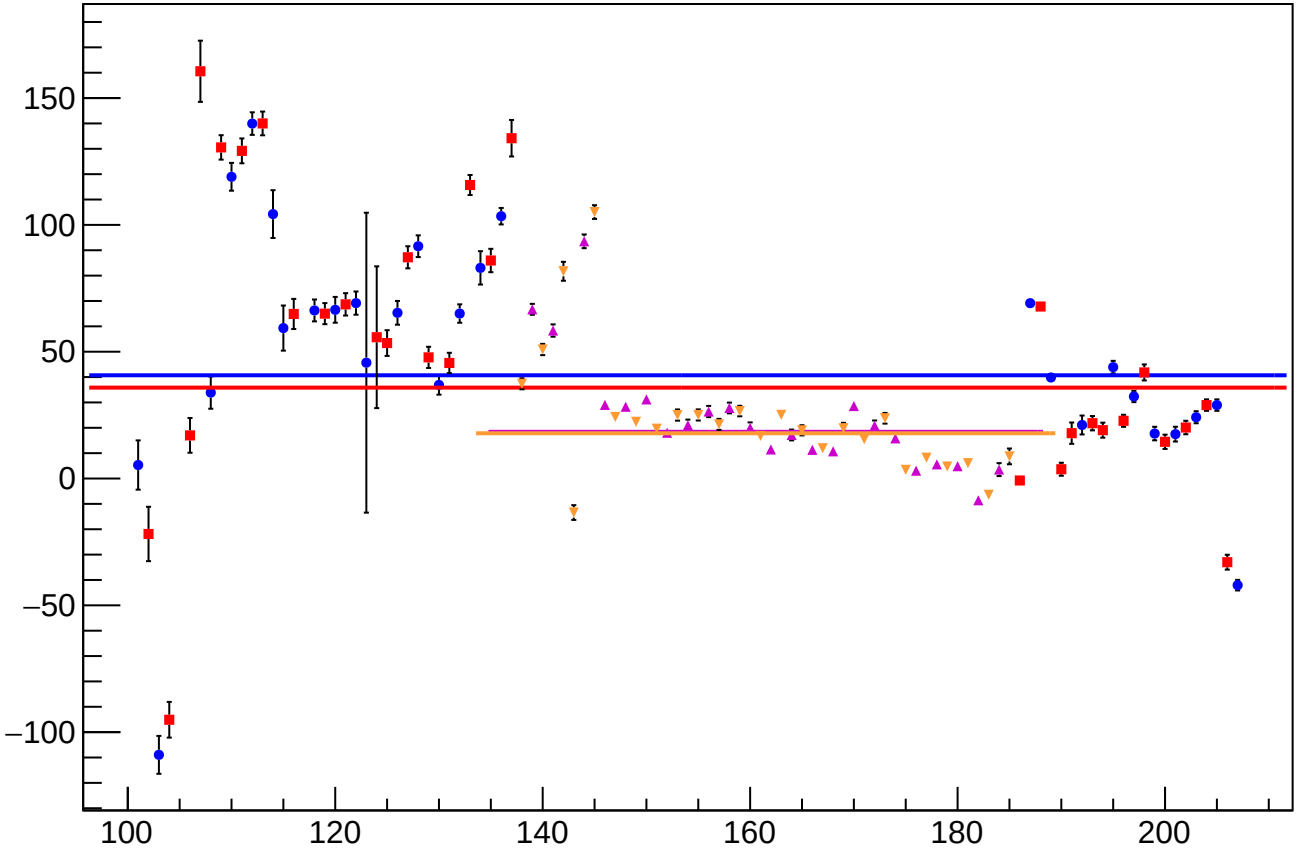
Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

+ sign 8.774+/-0.264 χ^2/NDF: 1350.2/51

All: 9.112+/-0.186 χ^2/NDF: 2469.9/104

- sign 9.445+/-0.263 χ^2/NDF: 1116.5/52

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 40.705+/-0.602 χ^2/NDF: 4050.0/26

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 35.840+/-0.463 χ^2/NDF: 6835.2/29

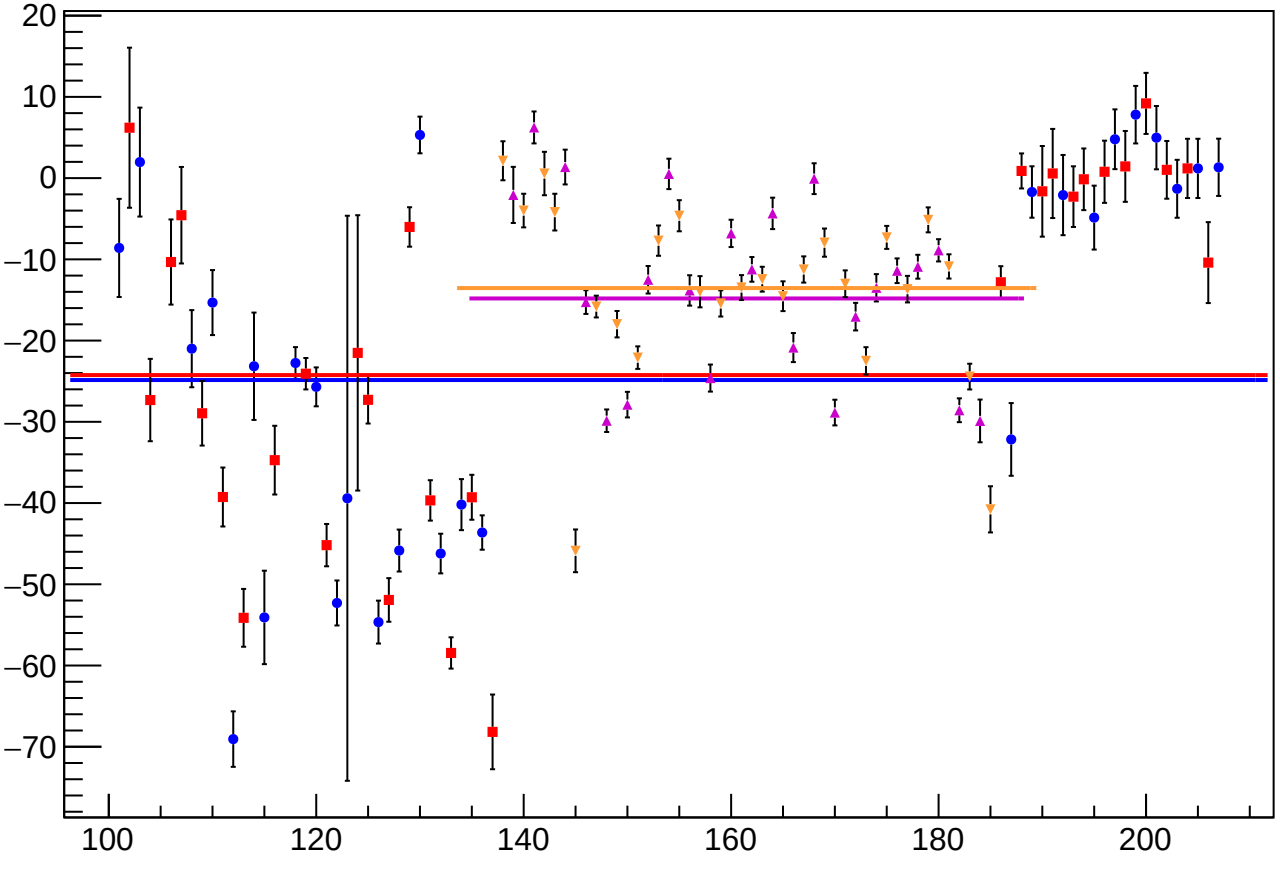
Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

+ sign 24.549+/-0.326 χ^2/NDF: 7469.4/51

All: 25.164+/-0.220 χ^2/NDF: 17606.4/104

- sign 25.680+/-0.299 χ^2/NDF: 10130.4/52

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -24.857+/-0.626 χ^2/NDF: 1335.4/26

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -24.247+/-0.587 χ^2/NDF: 1370.9/29

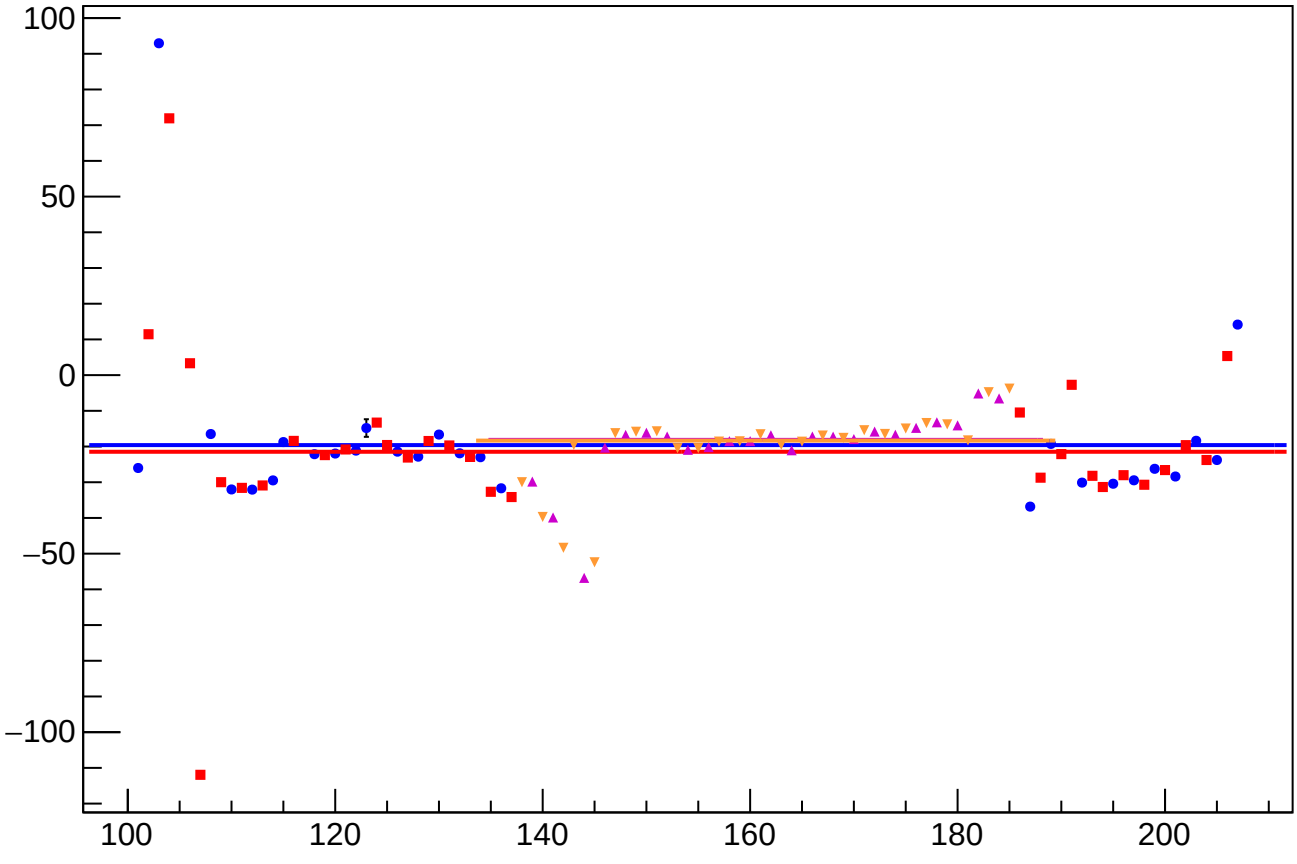
Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

+ sign -16.171+/-0.302 χ^2/NDF: 2161.1/51

All: -16.746+/-0.214 χ^2/NDF: 4567.3/104

- sign -17.323+/-0.303 χ^2/NDF: 2398.8/52

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -19.597+/-0.030 χ^2/NDF: 579532.3/26

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -21.464+/-0.028 χ^2/NDF: 504330.0/29

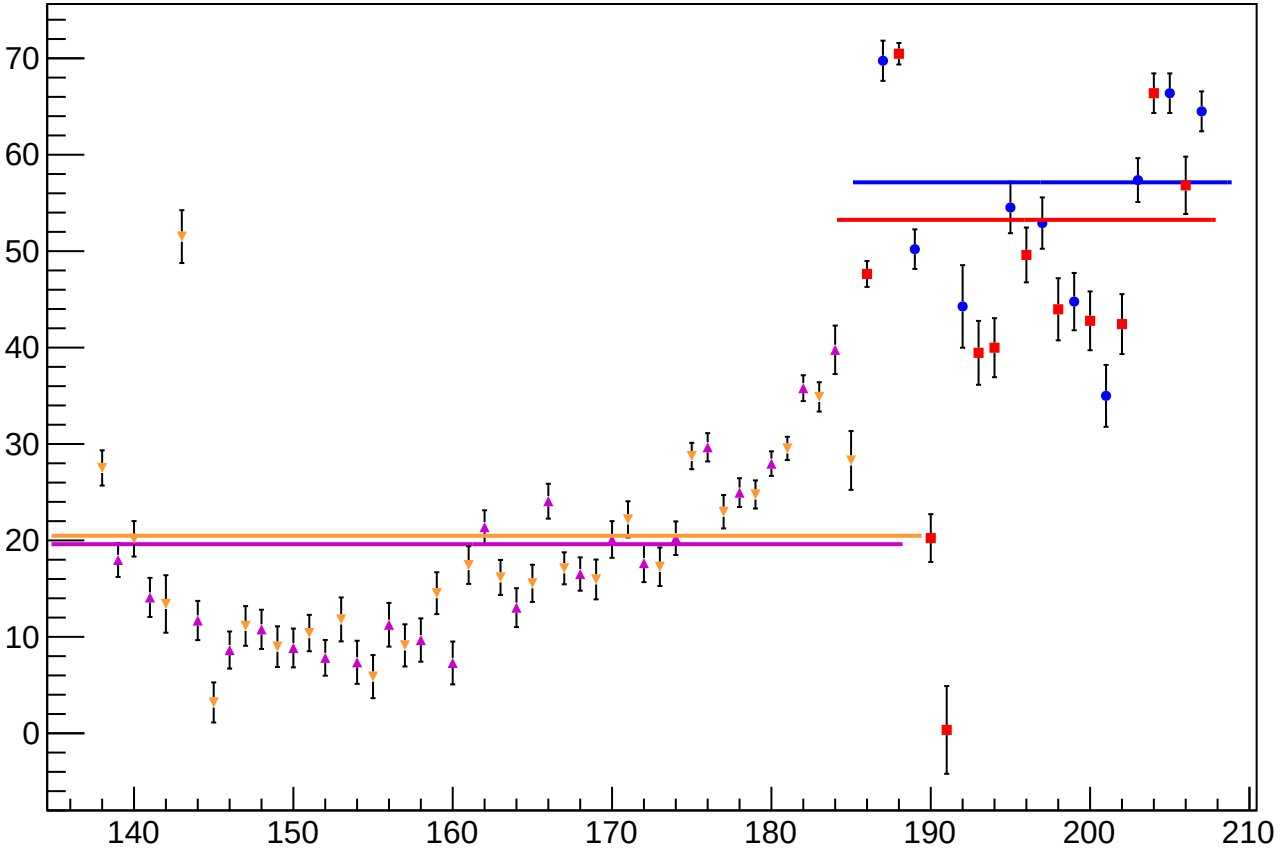
Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

+ sign -18.609+/-0.014 χ^2/NDF: 864683.6/51

All: -18.774+/-0.010 χ^2/NDF: 1625348.9/104

- sign -18.937+/-0.014 χ^2/NDF: 760390.3/52

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 57.137+/-0.772 χ^2/NDF: 158.4/9

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 53.248+/-0.627 χ^2/NDF: 679.3/11

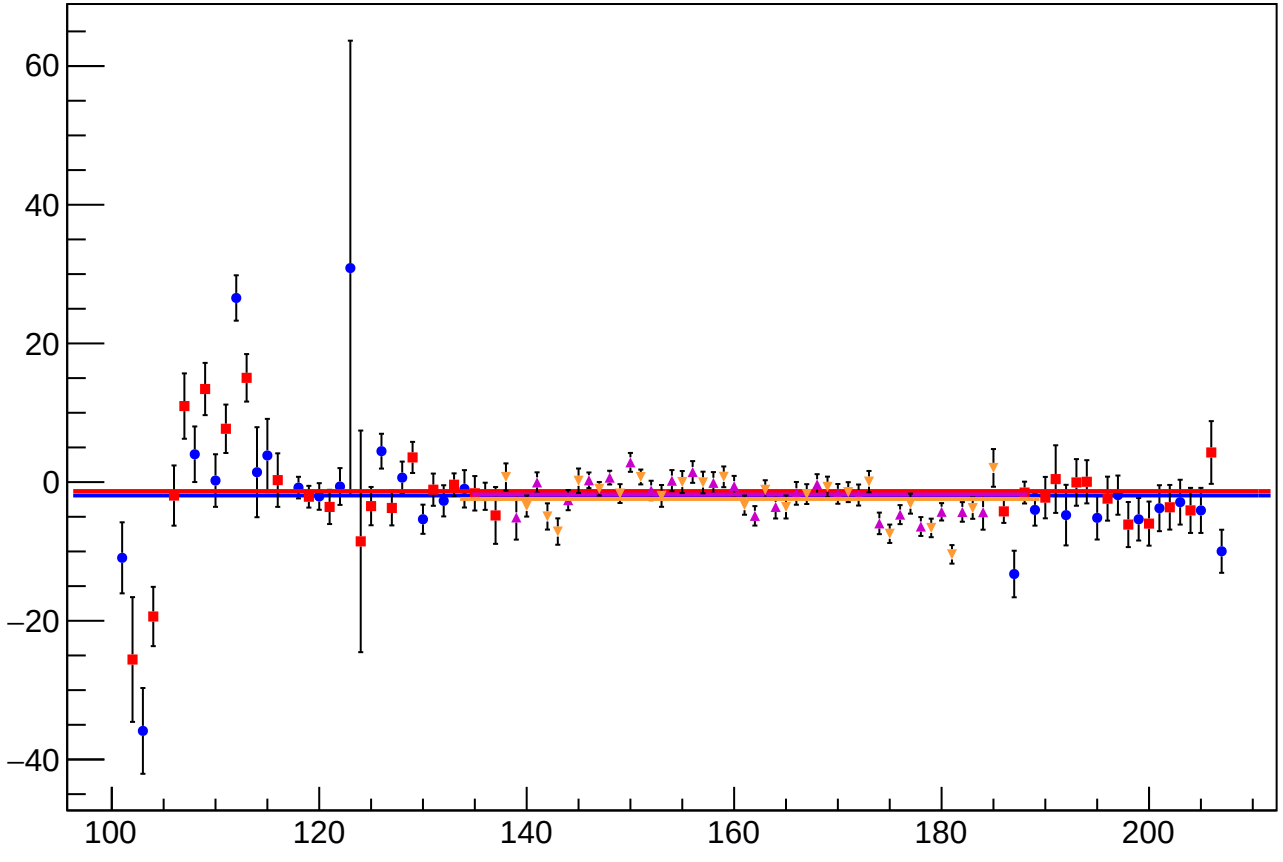
Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

+ sign 27.445+/-0.336 χ^2/NDF: 2601.4/34

All: 28.044+/-0.233 χ^2/NDF: 5968.3/69

- sign 28.600+/-0.324 χ^2/NDF: 3360.8/34

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.926+/-0.542 χ^2/NDF: 147.8/26

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -1.292+/-0.503 χ^2/NDF: 96.4/29

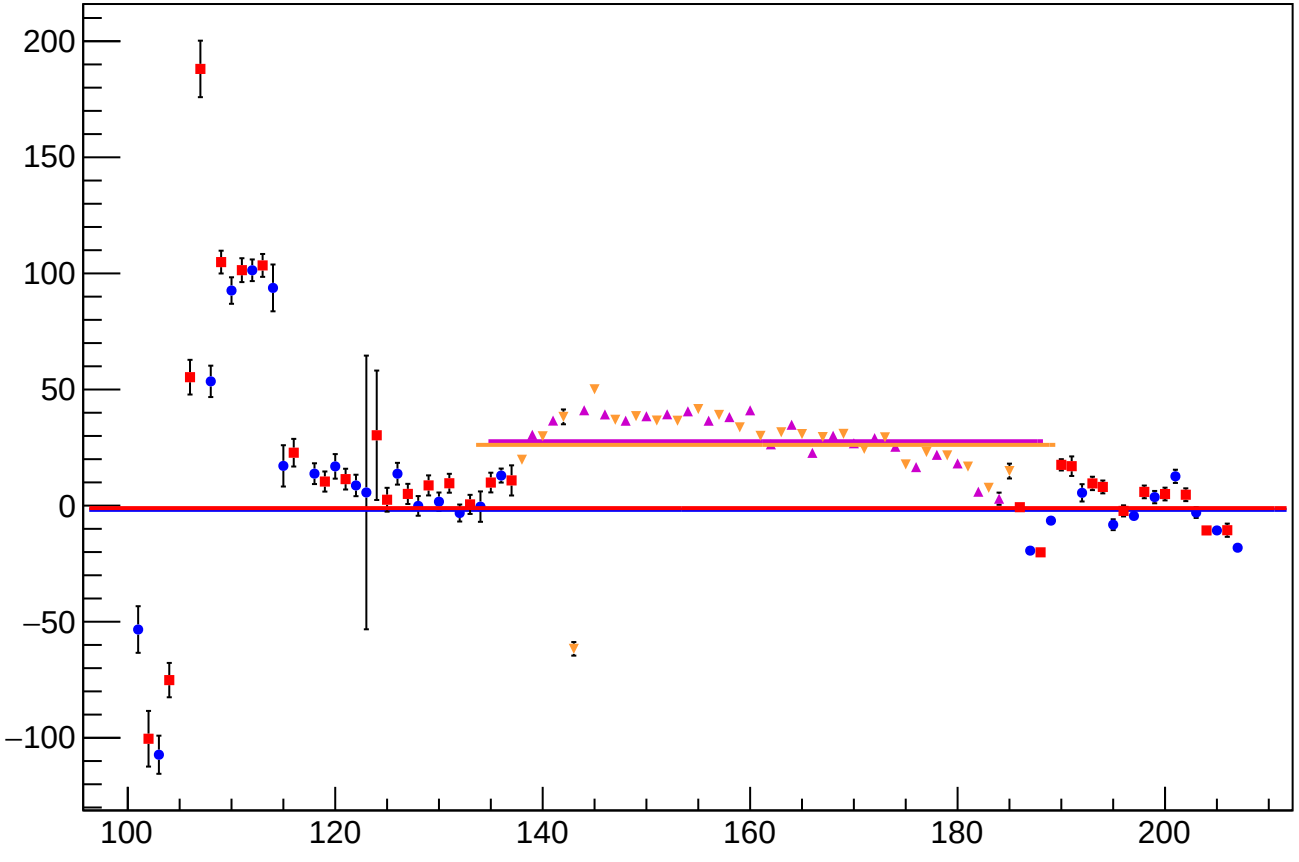
Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

+ sign -2.315+/-0.258 χ^2/NDF: 252.2/51

All: -1.988+/-0.182 χ^2/NDF: 422.6/104

- sign -1.659+/-0.258 χ^2/NDF: 167.1/52

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: -1.828+/-0.607 χ^2/NDF: 1423.2/26

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -1.075+/-0.492 χ^2/NDF: 2433.4/29

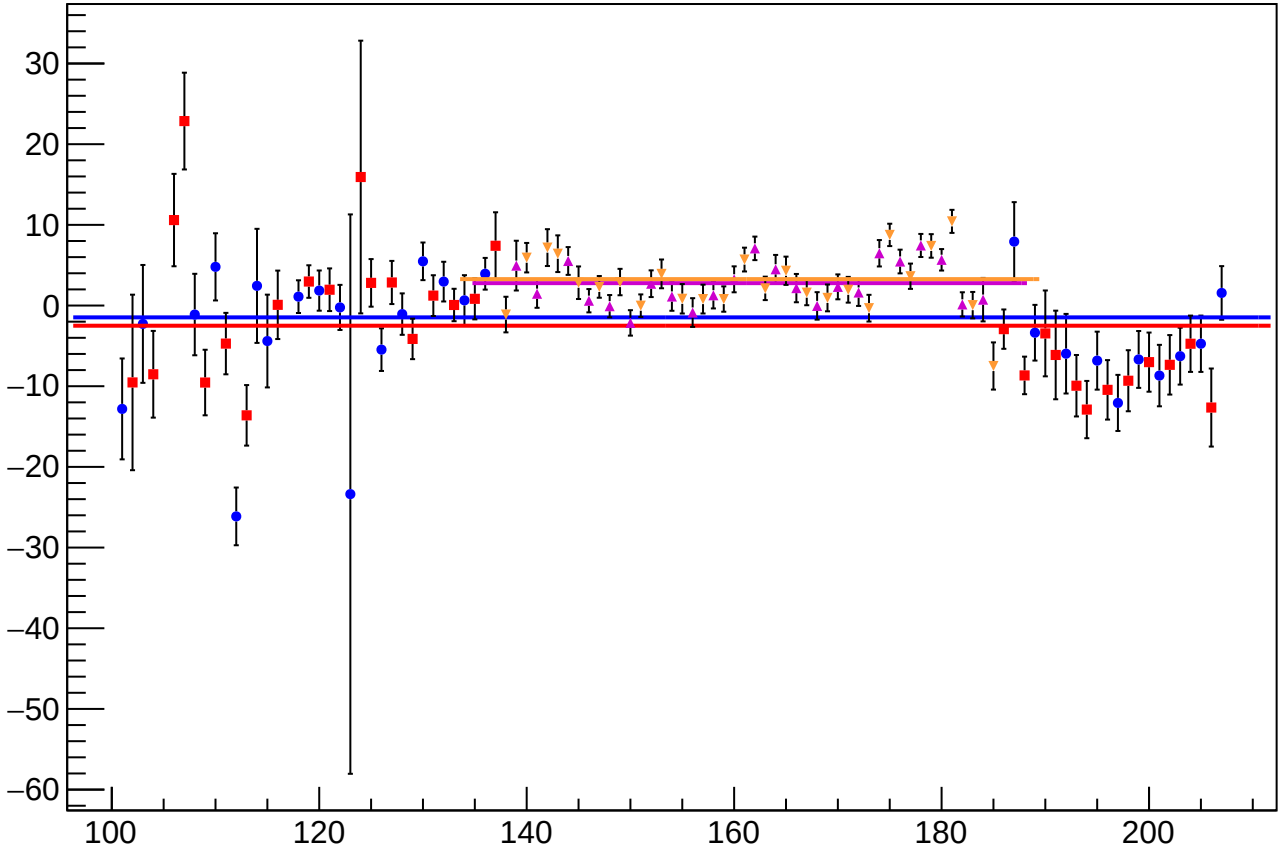
Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

+ sign 18.500+/-0.318 χ^2/NDF: 4544.1/51

All: 17.750+/-0.218 χ^2/NDF: 9953.0/104

- sign 17.084+/-0.299 χ^2/NDF: 5398.4/52

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -1.466+/-0.628 χ^2/NDF: 105.8/26

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -2.501+/-0.601 χ^2/NDF: 103.4/29

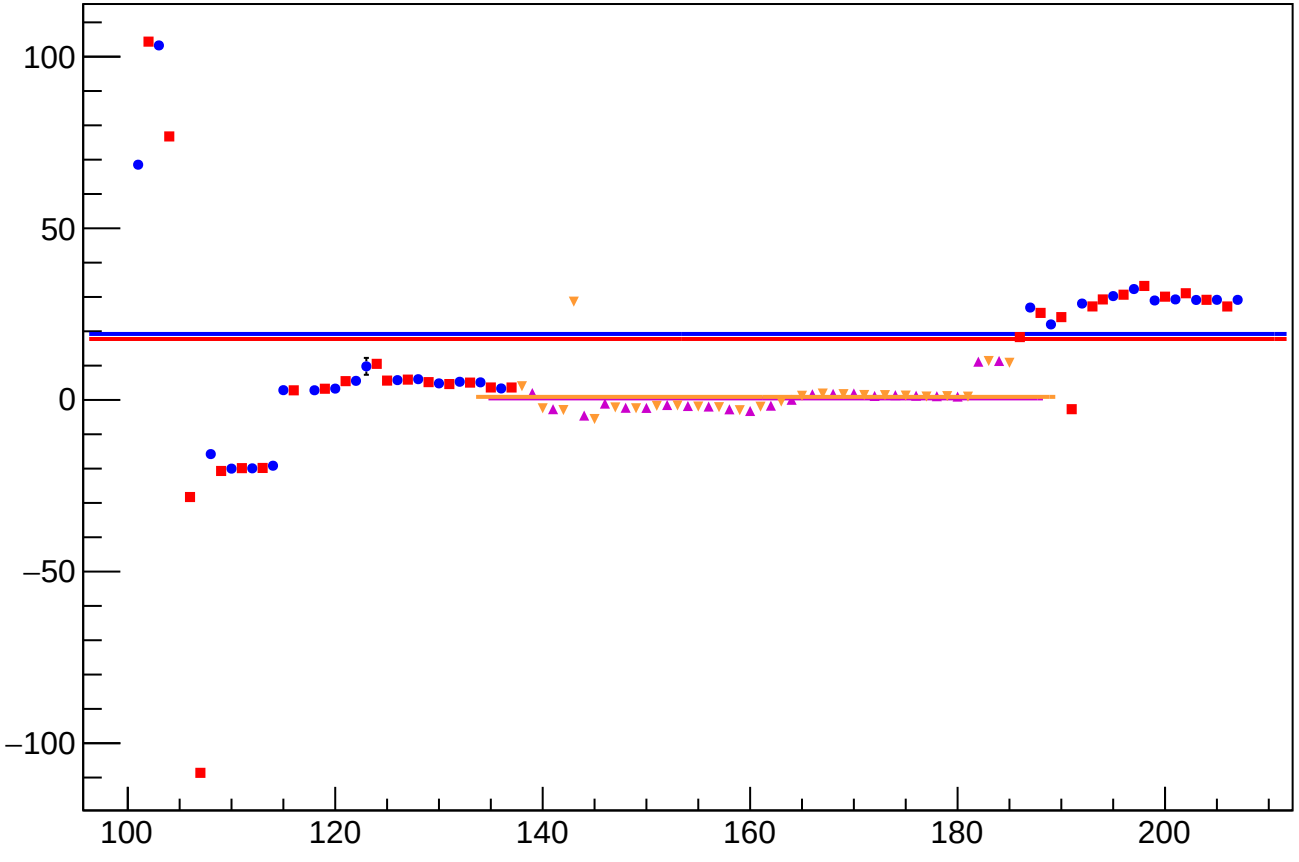
Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

+ sign 2.239+/-0.293 χ^2/NDF: 252.2/51

All: 1.871+/-0.208 χ^2/NDF: 483.7/104

- sign 1.497+/-0.296 χ^2/NDF: 228.3/52

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 19.228+/-0.030 χ^2/NDF: 488045.1/26

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 17.759+/-0.028 χ^2/NDF: 716801.4/29

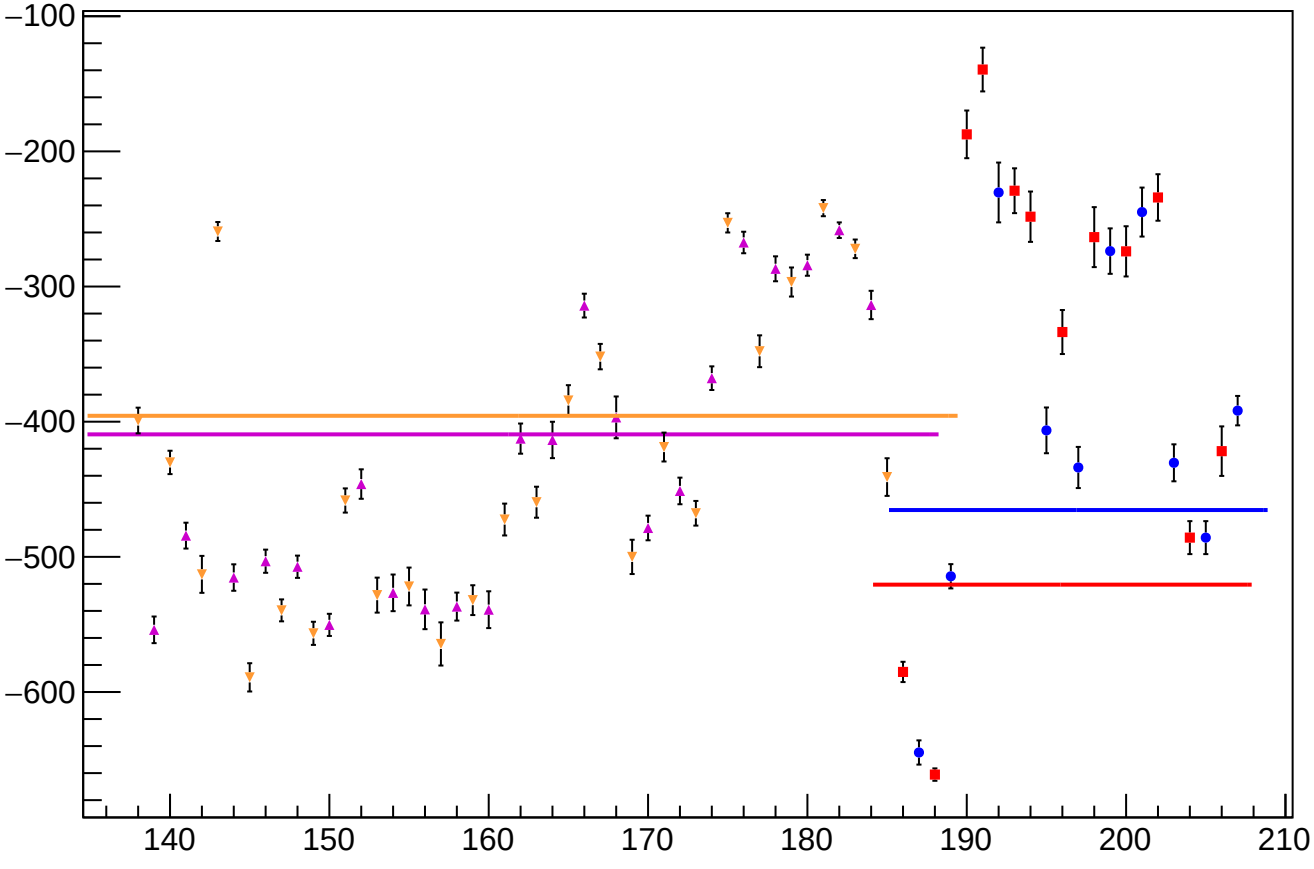
Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

+ sign 4.664+/-0.014 χ^2/NDF: 894549.1/51

All: 4.516+/-0.010 χ^2/NDF: 1949864.3/104

- sign 4.368+/-0.014 χ^2/NDF: 1055076.4/52

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -465.364+/-4.023 χ^2/NDF: 892.1/9

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -520.562+/-3.154 χ^2/NDF: 3200.4/11

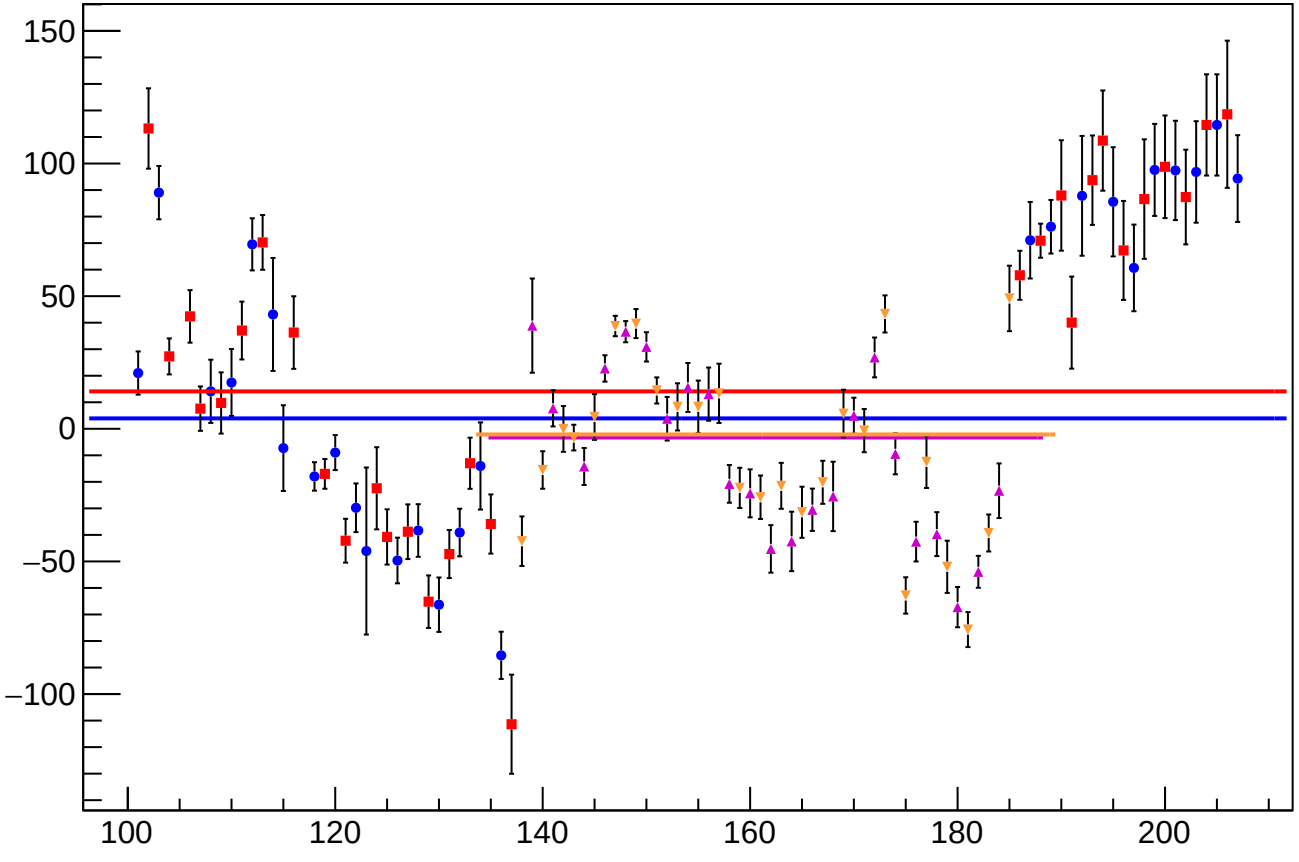
Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

+ sign -408.451+/-1.725 χ^2/NDF: 4841.3/34

All: -425.030+/-1.200 χ^2/NDF: 12210.5/69

- sign -440.606+/-1.672 χ^2/NDF: 7190.0/34

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 3.921+/-2.107 χ^2/NDF: 647.9/26

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 14.092+/-1.972 χ^2/NDF: 671.2/29

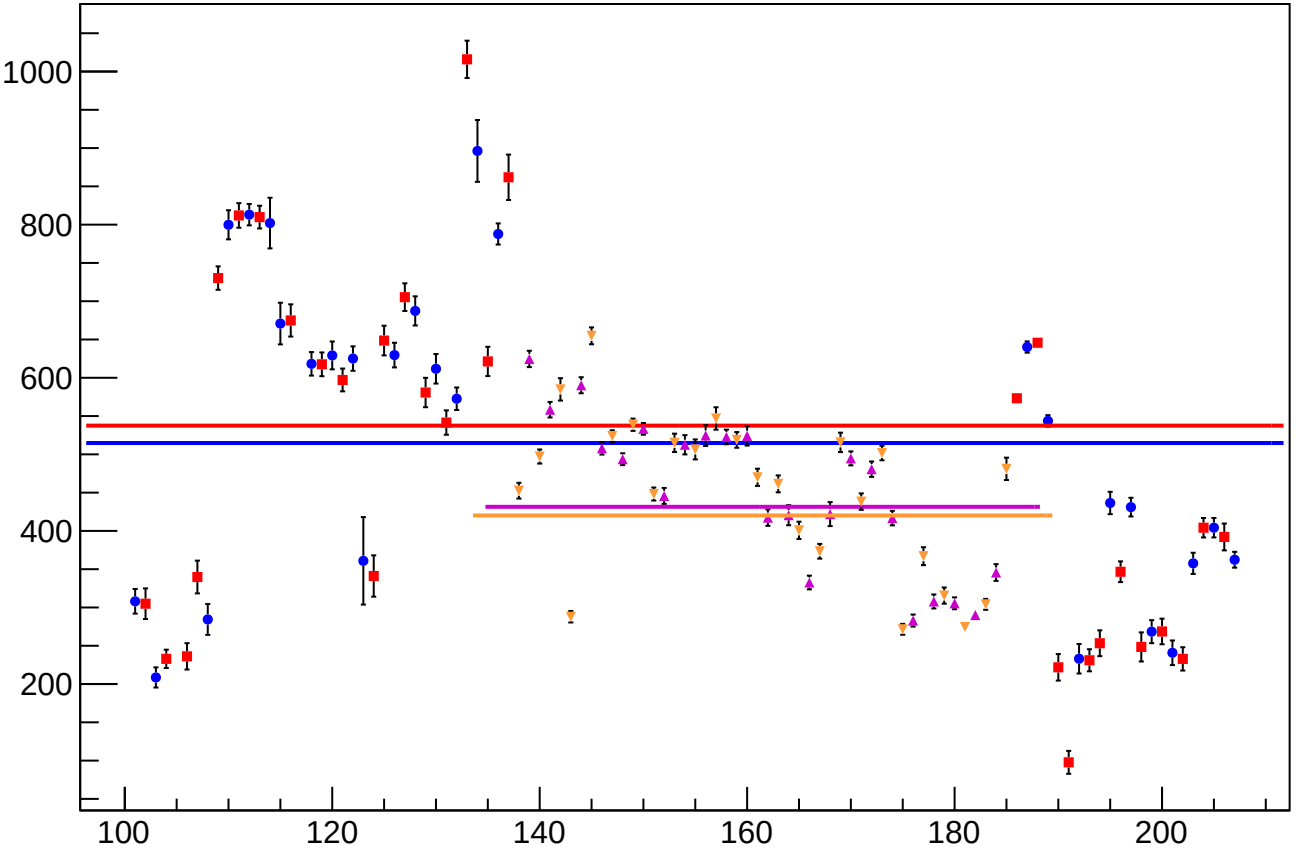
Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

+ sign -0.214+/-1.186 χ^2/NDF: 1216.3/51

All: 1.455+/-0.844 χ^2/NDF: 2394.8/104

- sign 3.170+/-1.202 χ^2/NDF: 1174.5/52

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 514.811+/-2.744 χ^2/NDF: 3995.1/26

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 537.515+/-2.231 χ^2/NDF: 6840.8/29

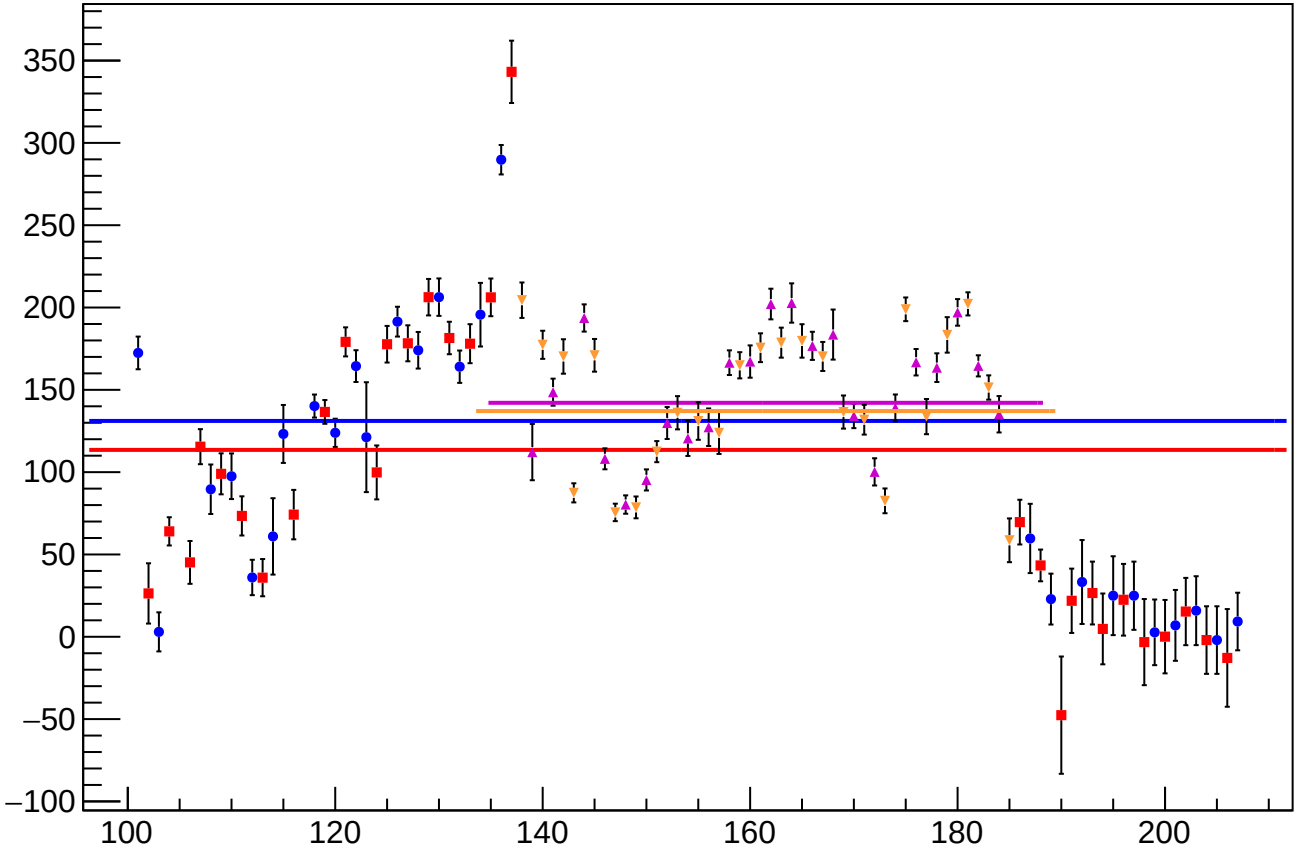
Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

+ sign 451.187+/-1.571 χ^2/NDF: 8035.7/51

All: 465.328+/-1.075 χ^2/NDF: 19198.6/104

- sign 477.783+/-1.474 χ^2/NDF: 11010.5/52

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 131.116+/-2.465 χ^2/NDF: 1006.4/26

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 113.525+/-2.349 χ^2/NDF: 933.2/29

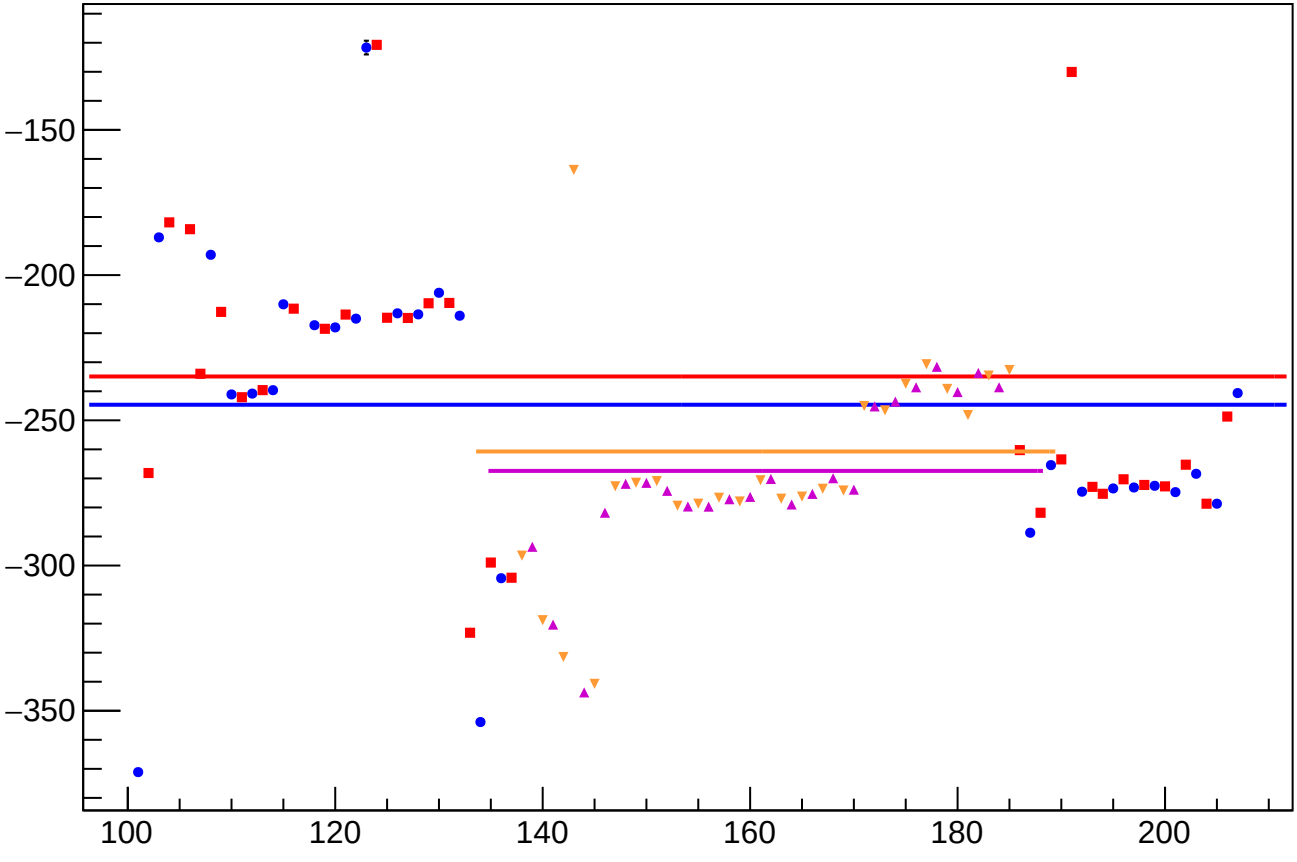
Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

+ sign 135.234+/-1.378 χ^2/NDF: 1749.3/51

All: 133.634+/-0.982 χ^2/NDF: 3244.7/104

- sign 131.988+/-1.398 χ^2/NDF: 1492.7/52

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -244.634+/-0.124 χ^2/NDF: 163983.1/26

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -234.902+/-0.115 χ^2/NDF: 167481.4/29

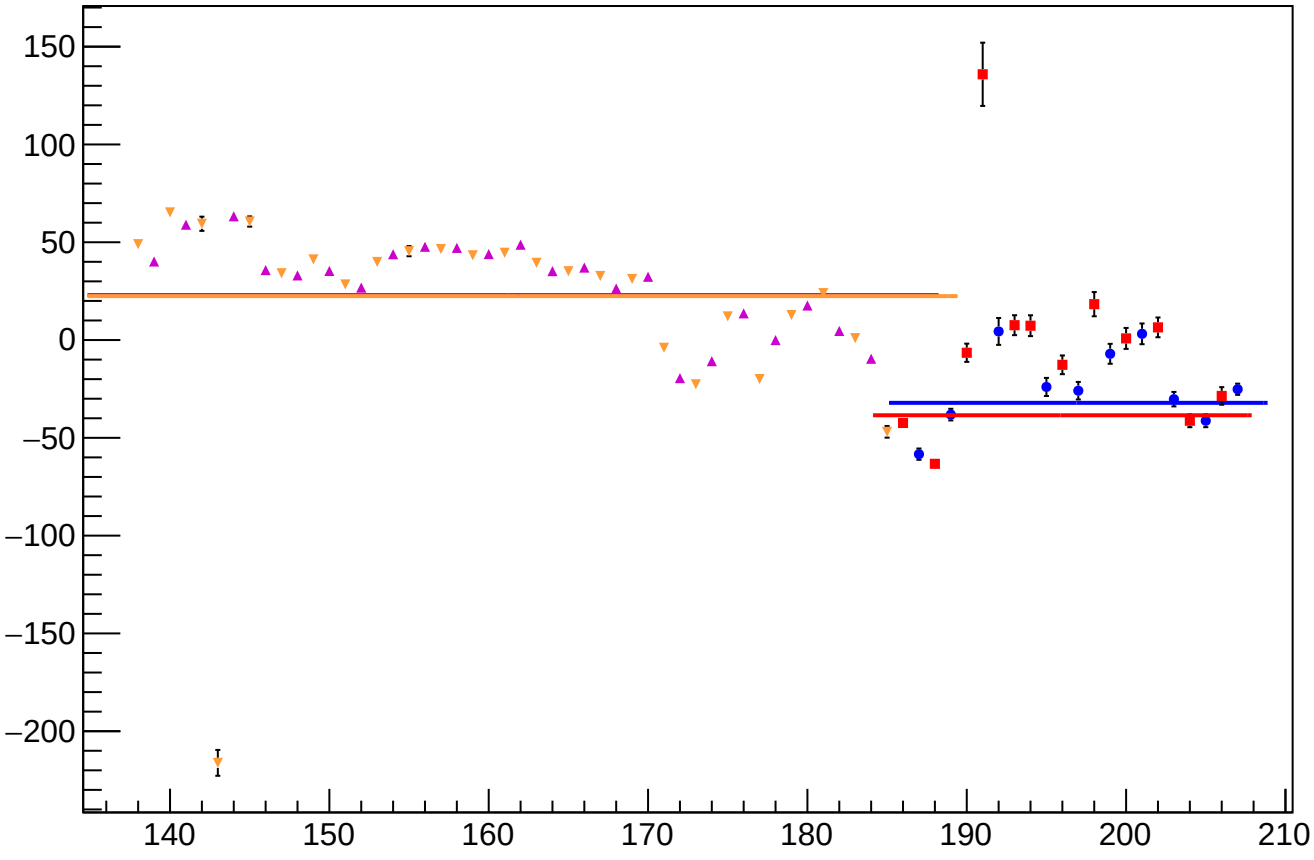
Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

+ sign -256.062+/-0.067 χ^2/NDF: 395981.4/51

All: -256.331+/-0.047 χ^2/NDF: 715554.3/104

- sign -256.597+/-0.066 χ^2/NDF: 319540.7/52

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -32.110+/-1.186 χ^2/NDF: 202.3/9

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -38.462+/-0.933 χ^2/NDF: 828.6/11

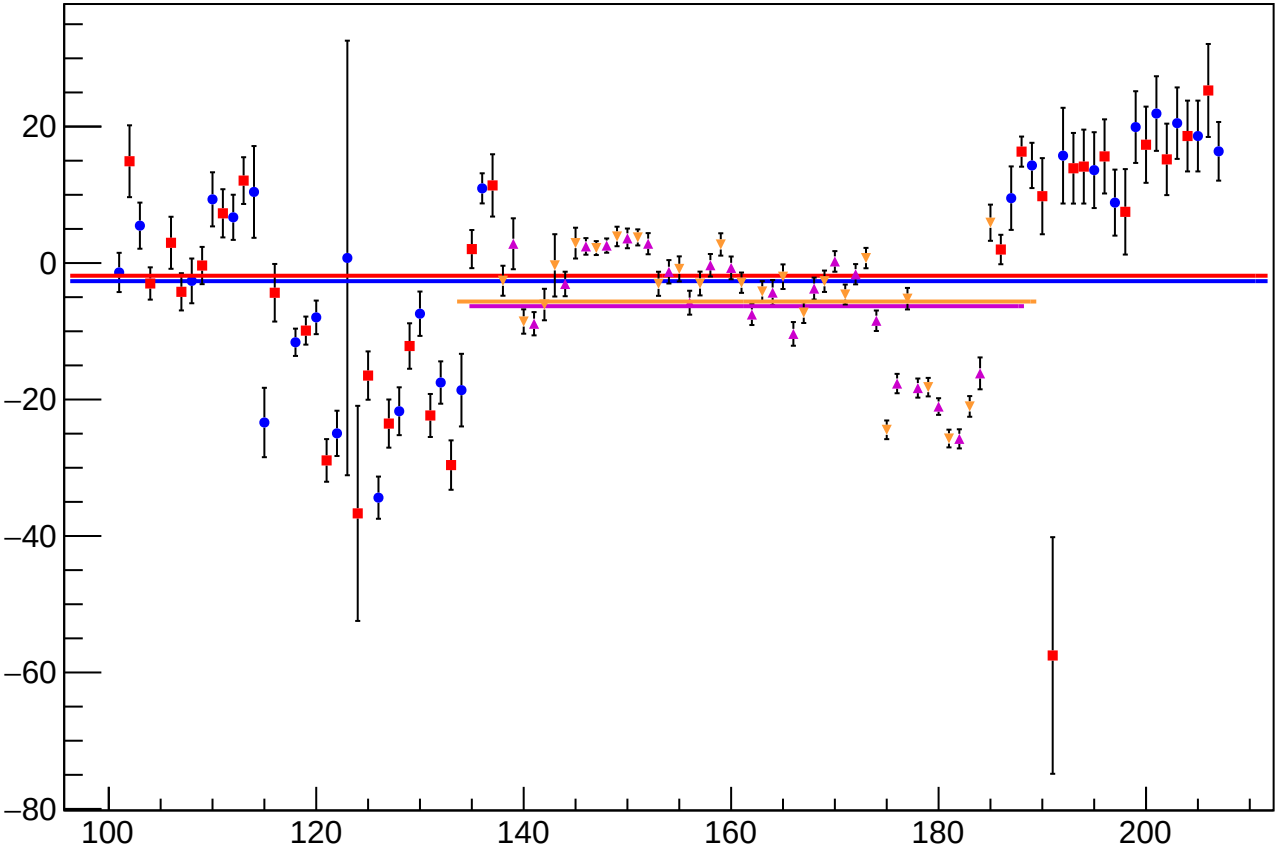
Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

+ sign 16.899+/-0.378 χ^2/NDF: 7040.3/34

All: 15.146+/-0.264 χ^2/NDF: 14396.7/69

- sign 13.489+/-0.367 χ^2/NDF: 7314.5/34

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -2.654+/-0.693 χ^2/NDF: 469.1/26

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -1.859+/-0.641 χ^2/NDF: 477.6/29

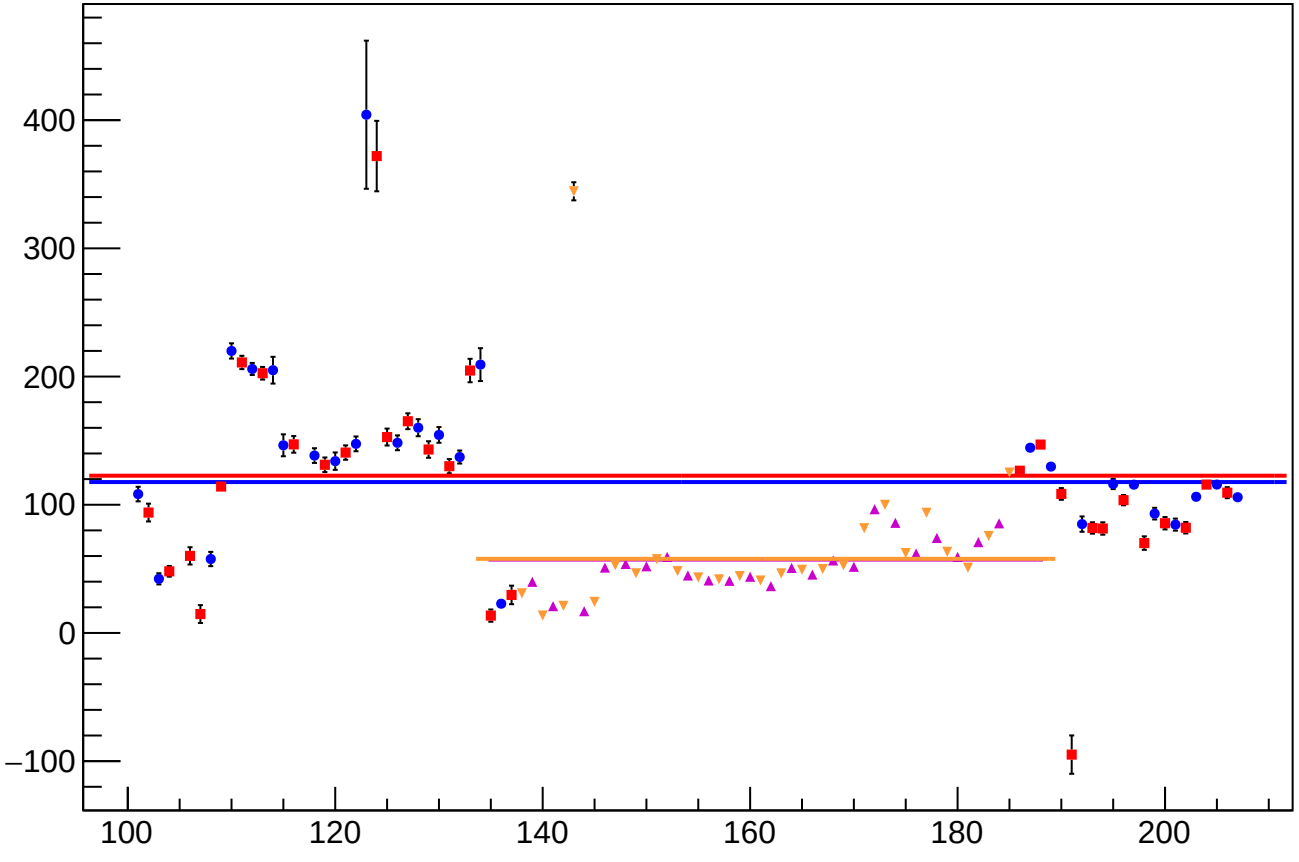
Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

+ sign -5.126+/-0.287 χ^2/NDF: 1376.0/51

All: -5.279+/-0.203 χ^2/NDF: 2677.3/104

- sign -5.432+/-0.286 χ^2/NDF: 1300.7/52

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.700+/-0.849 χ^2/NDF: 2449.4/26

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 122.658+/-0.681 χ^2/NDF: 3212.7/29

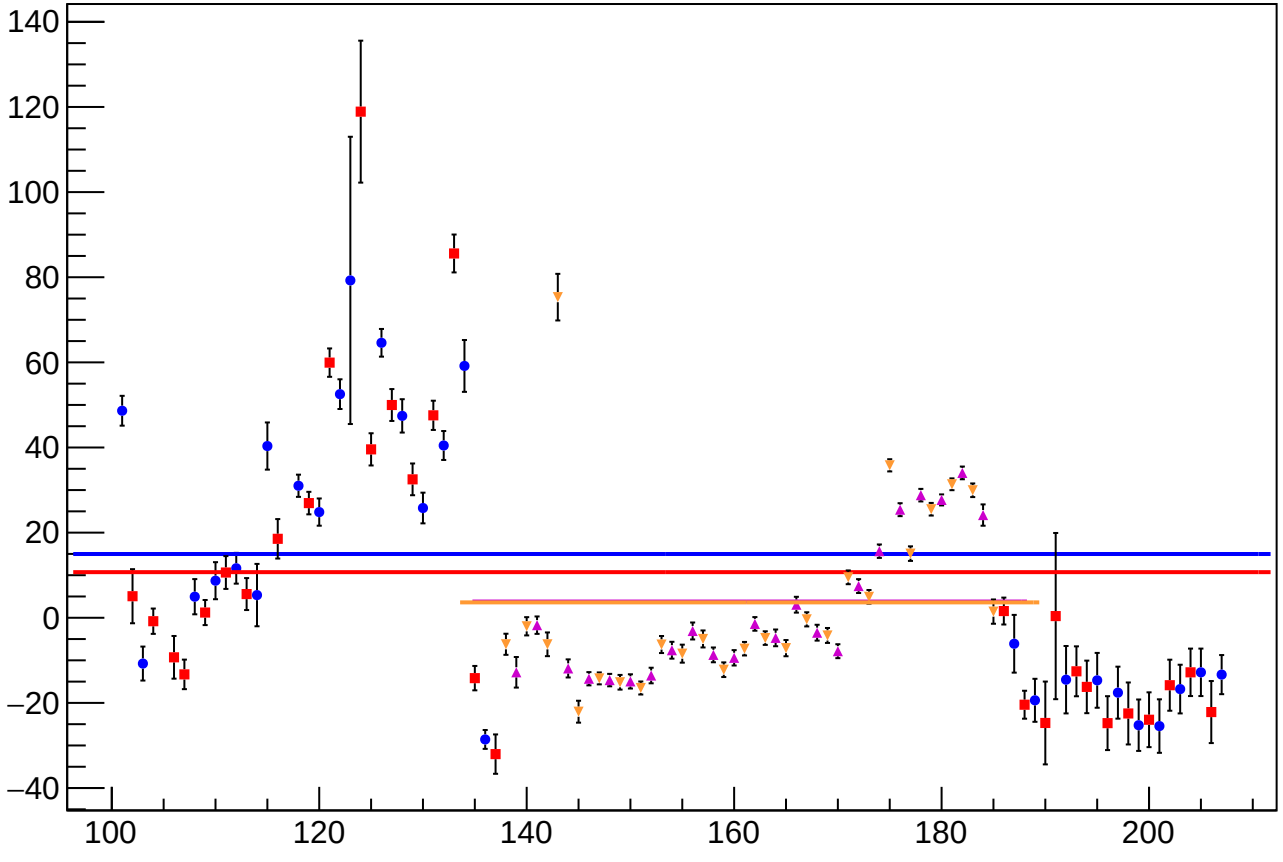
Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

+ sign 68.608+/-0.360 χ^2/NDF: 10860.6/51

All: 71.376+/-0.249 χ^2/NDF: 22928.7/104

- sign 73.893+/-0.344 χ^2/NDF: 11955.5/52

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 14.979+/-0.802 χ^2/NDF: 1437.2/26

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 10.717+/-0.762 χ^2/NDF: 1439.4/29

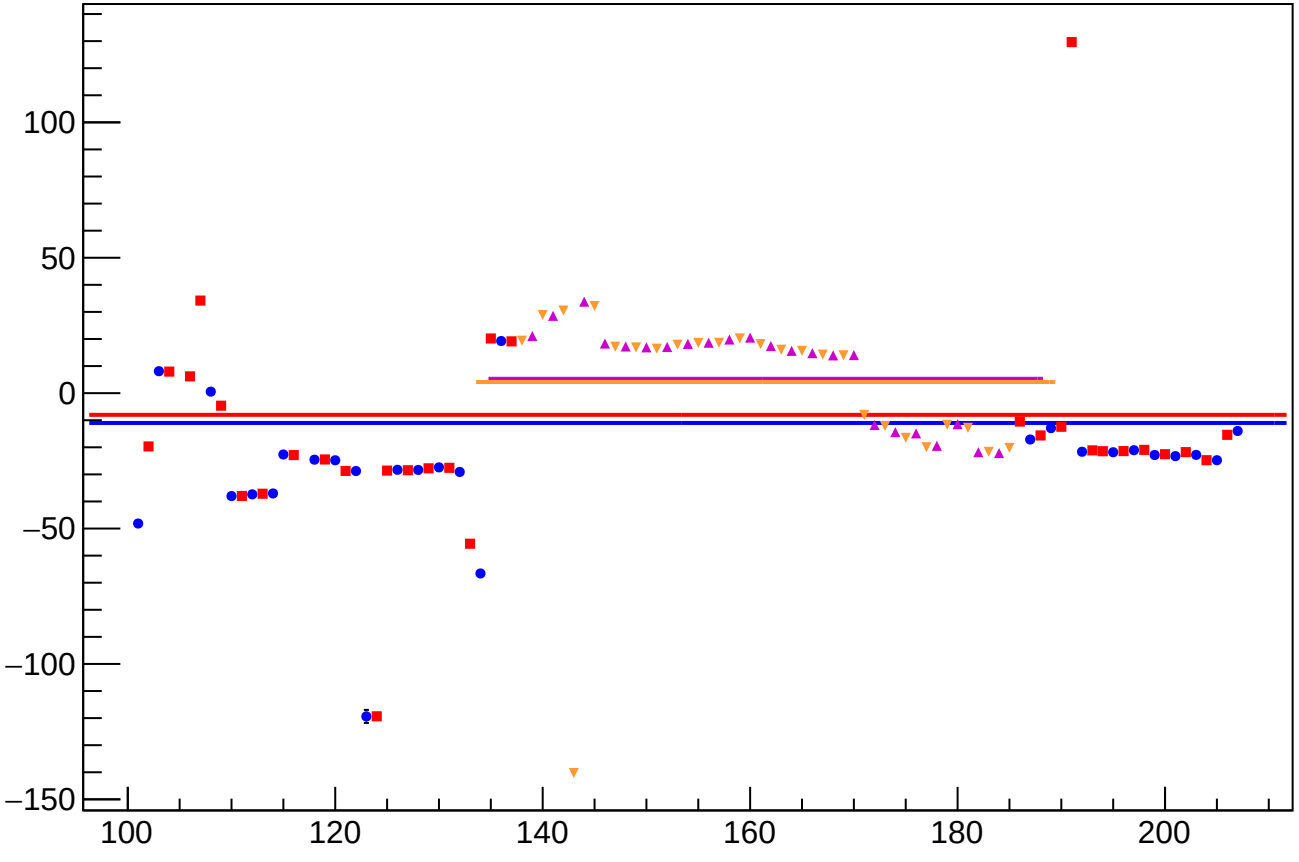
Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

+ sign 5.493+/-0.326 χ^2/NDF: 4106.1/51

All: 5.284+/-0.231 χ^2/NDF: 7816.9/104

- sign 5.076+/-0.326 χ^2/NDF: 3709.9/52

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -11.007+/-0.038 χ^2/NDF: 298686.0/26

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -8.011+/-0.037 χ^2/NDF: 383033.0/29

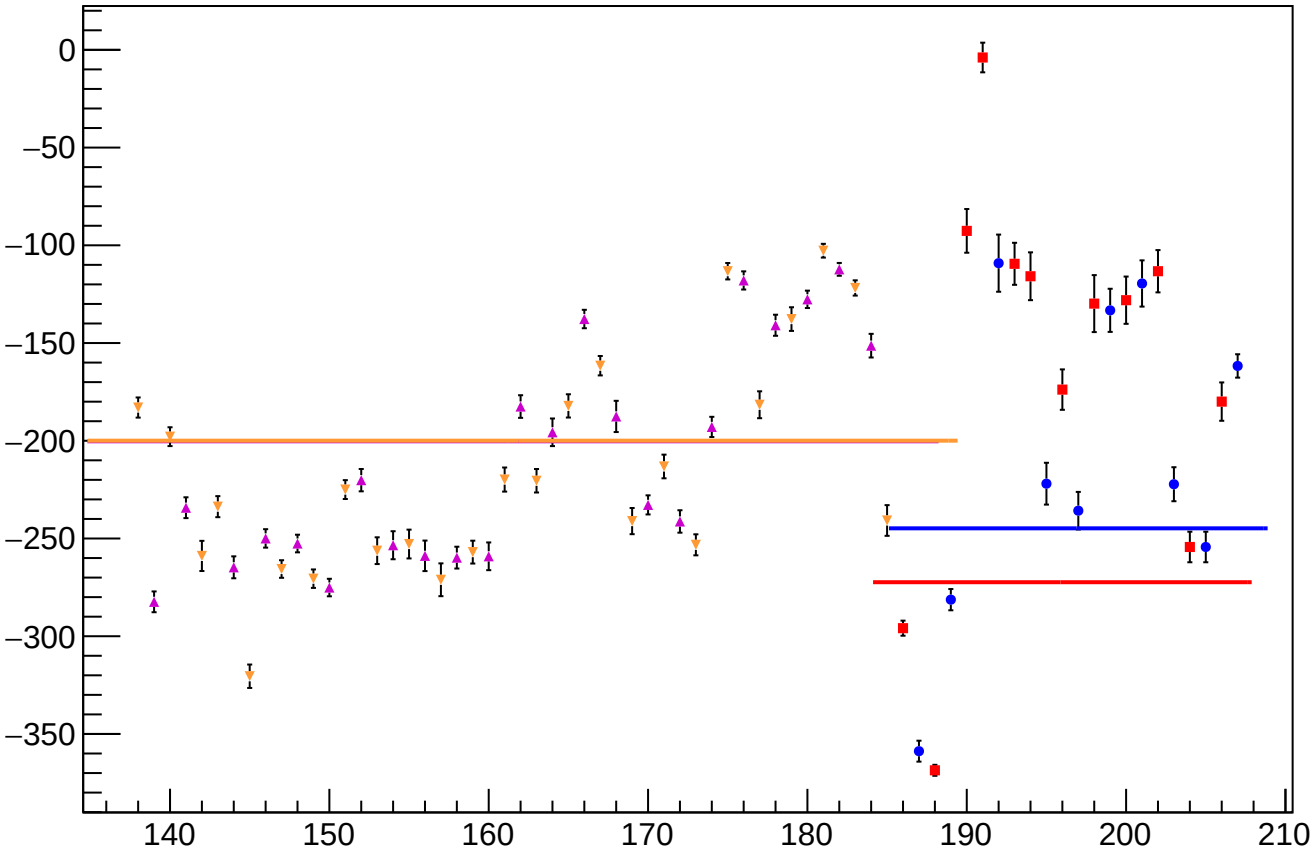
Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

+ sign 1.735+/-0.015 χ^2/NDF: 1773607.3/51

All: 2.414+/-0.011 χ^2/NDF: 3360875.6/104

- sign 3.085+/-0.015 χ^2/NDF: 1583203.7/52

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -244.799+/-2.456 χ^2/NDF: 1005.3/9

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -272.365+/-1.855 χ^2/NDF: 3750.9/11

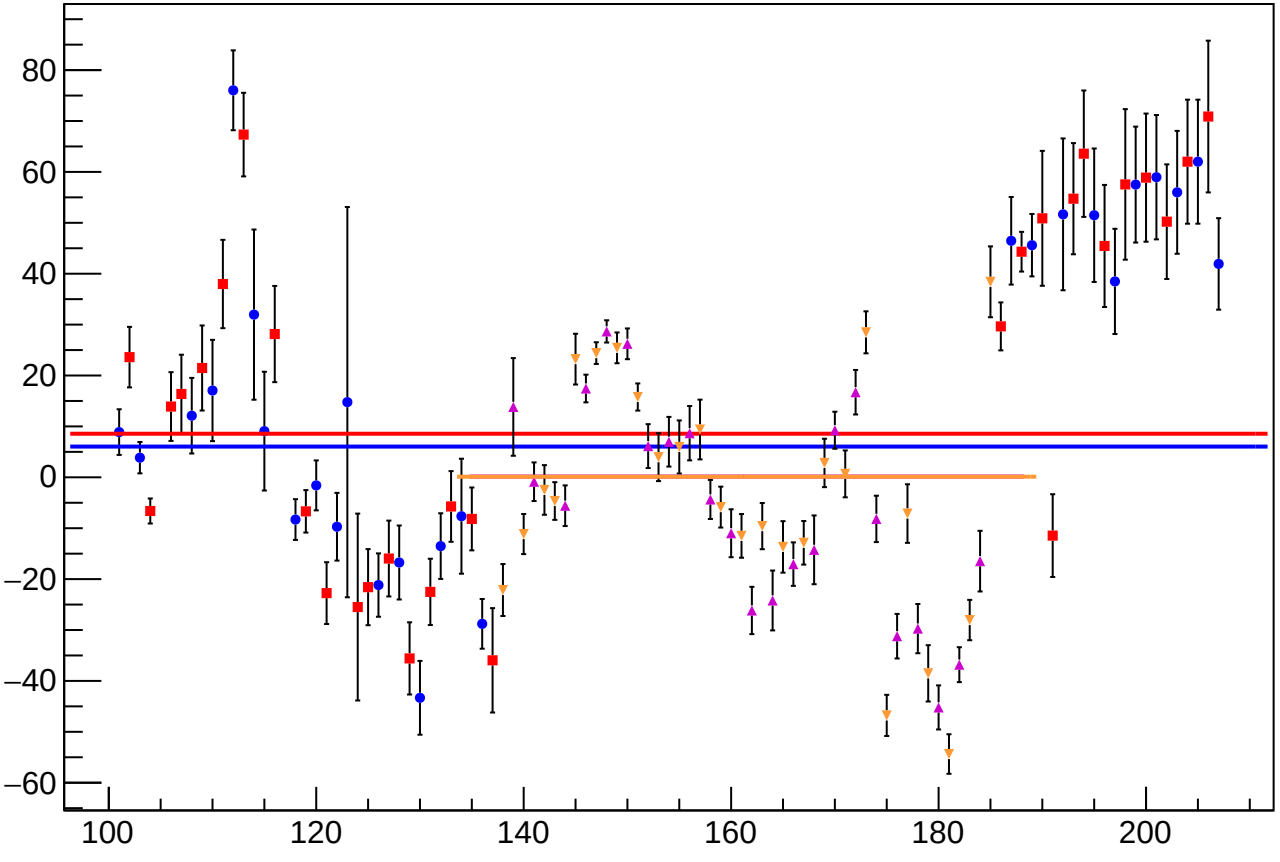
Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

+ sign -207.242+/-0.990 χ^2/NDF: 4505.0/34

All: -213.341+/-0.682 χ^2/NDF: 12462.9/69

- sign -218.864+/-0.942 χ^2/NDF: 7885.5/34

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 6.037+/-1.318 χ^2/NDF: 430.9/26

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 8.562+/-1.201 χ^2/NDF: 522.7/29

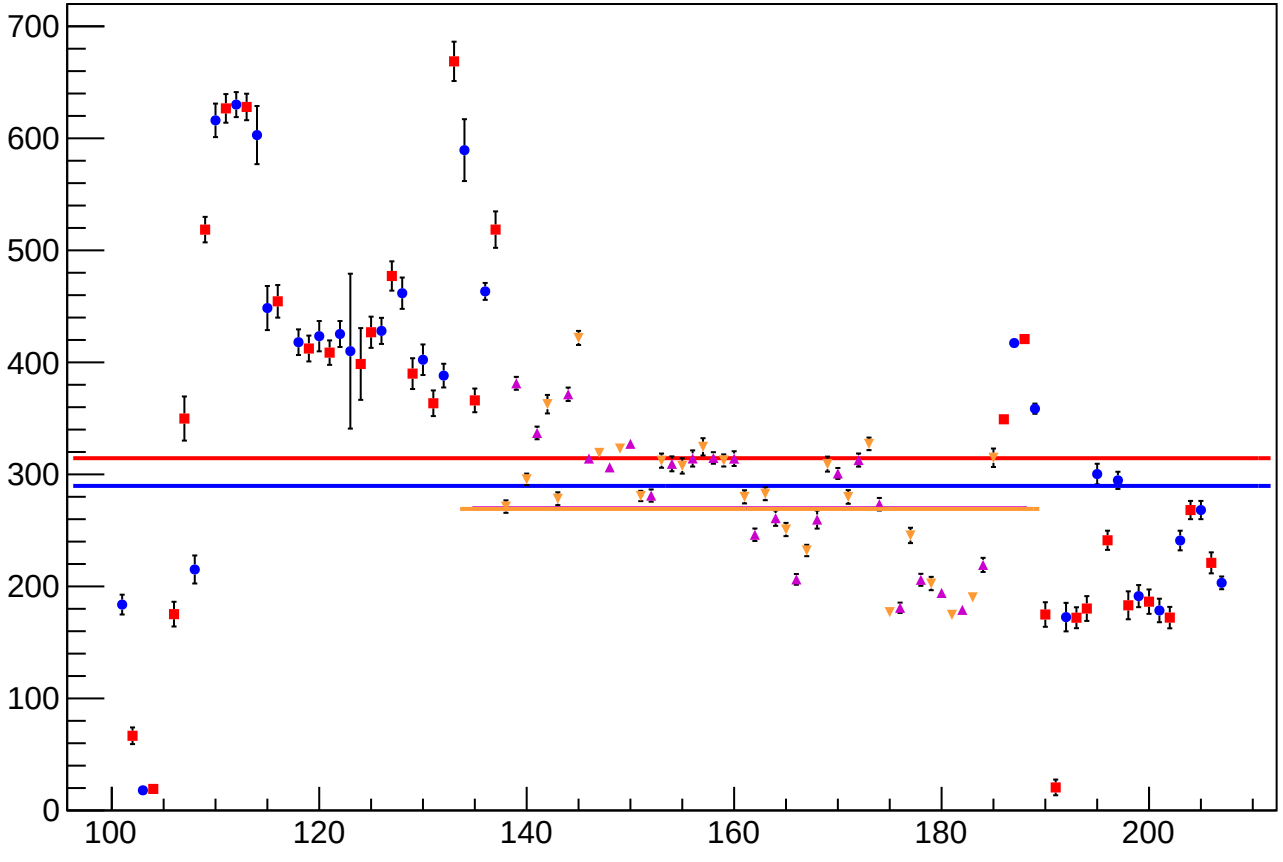
Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

+ sign 1.740+/-0.690 χ^2/NDF: 1275.6/51

All: 2.323+/-0.487 χ^2/NDF: 2552.4/104

- sign 2.898+/-0.686 χ^2/NDF: 1275.4/52

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 289.716+/-1.630 χ^2/NDF: 9388.0/26

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 314.458+/-1.313 χ^2/NDF: 13920.5/29

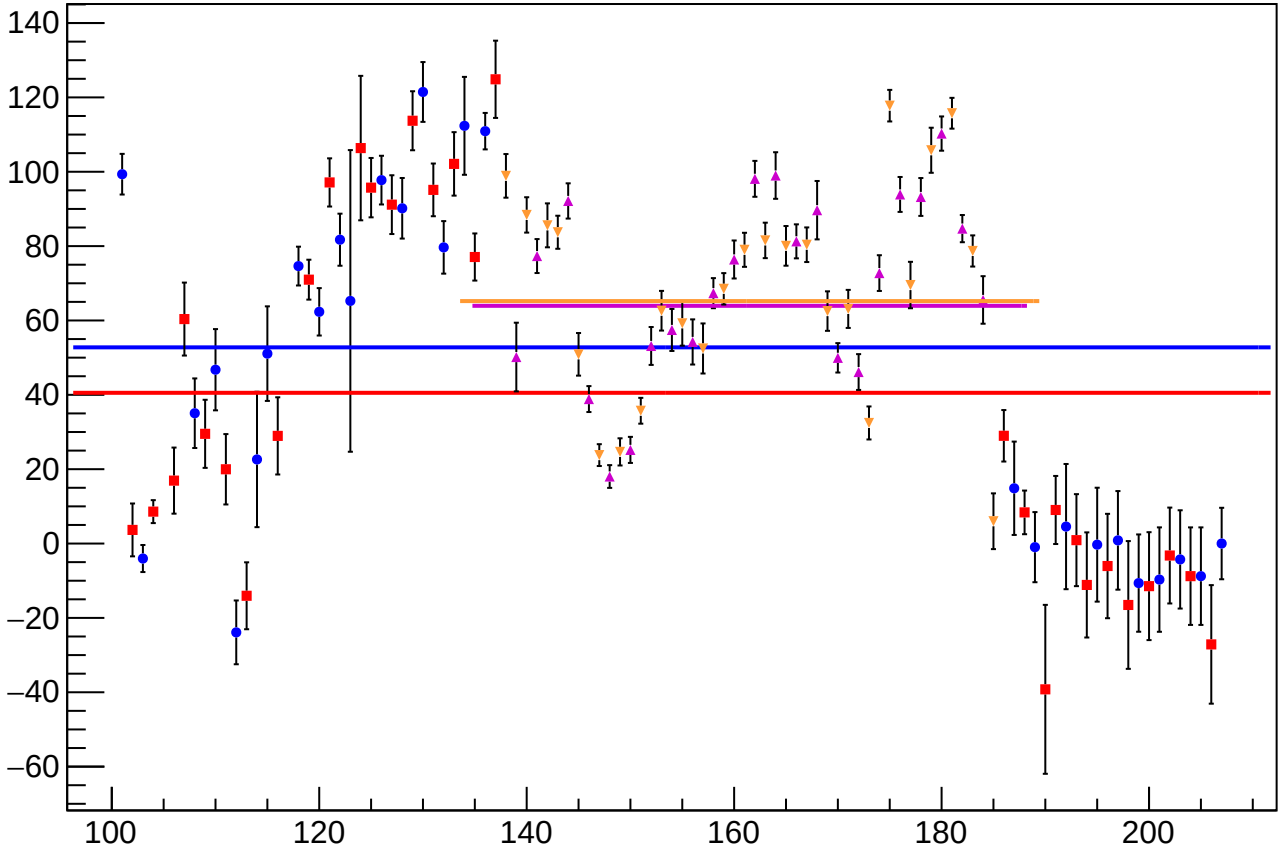
Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

+ sign 275.453+/-0.901 χ^2/NDF: 12646.7/51

All: 282.165+/-0.613 χ^2/NDF: 30592.2/104

- sign 287.963+/-0.837 χ^2/NDF: 17842.0/52

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 52.770+/-1.544 χ^2/NDF: 947.6/26

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 40.545+/-1.453 χ^2/NDF: 852.7/29

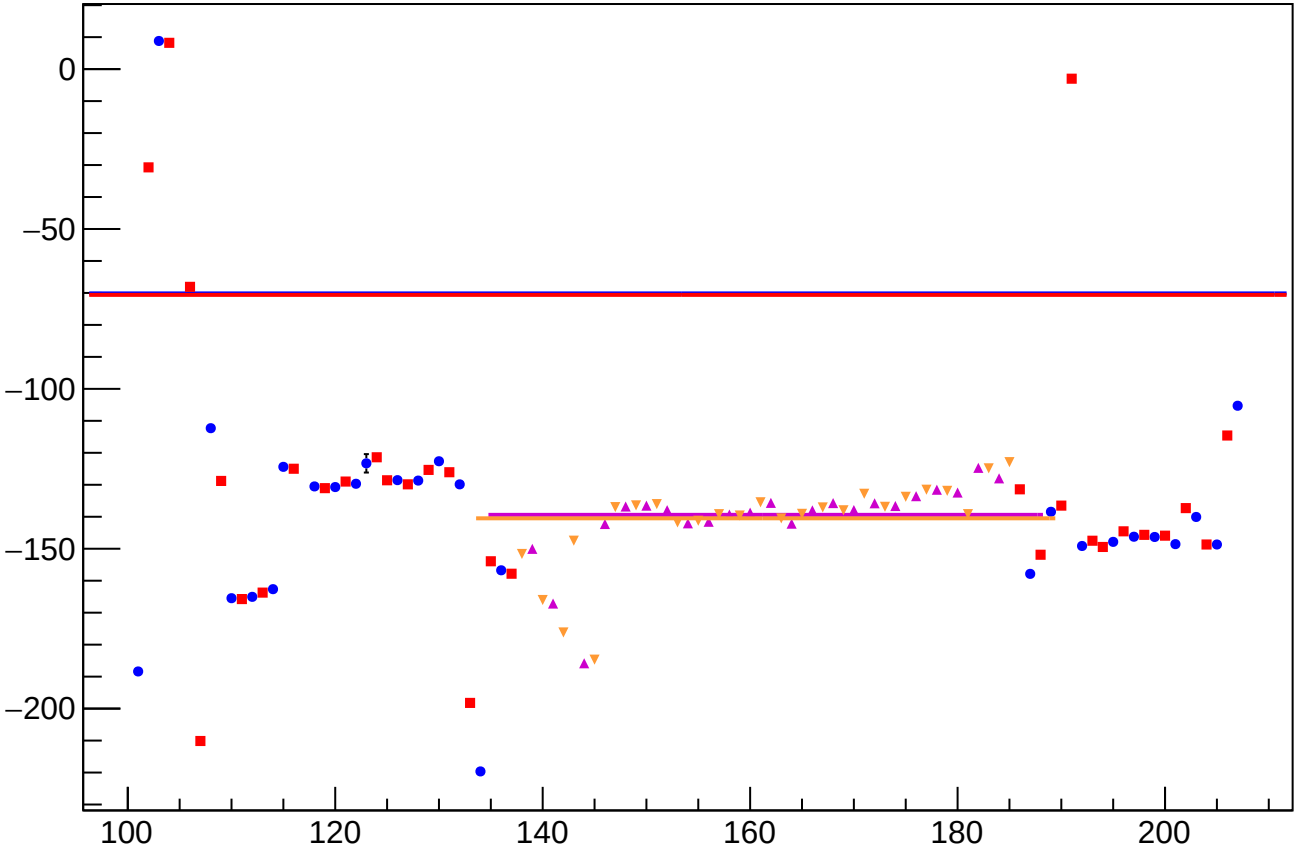
Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

+ sign 61.859+/-0.802 χ^2/NDF: 2000.8/51

All: 59.344+/-0.567 χ^2/NDF: 3856.9/104

- sign 56.831+/-0.801 χ^2/NDF: 1836.5/52

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -70.151+/-0.063 χ^2/NDF: 1530862.0/26

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -70.603+/-0.061 χ^2/NDF: 1379297.7/29

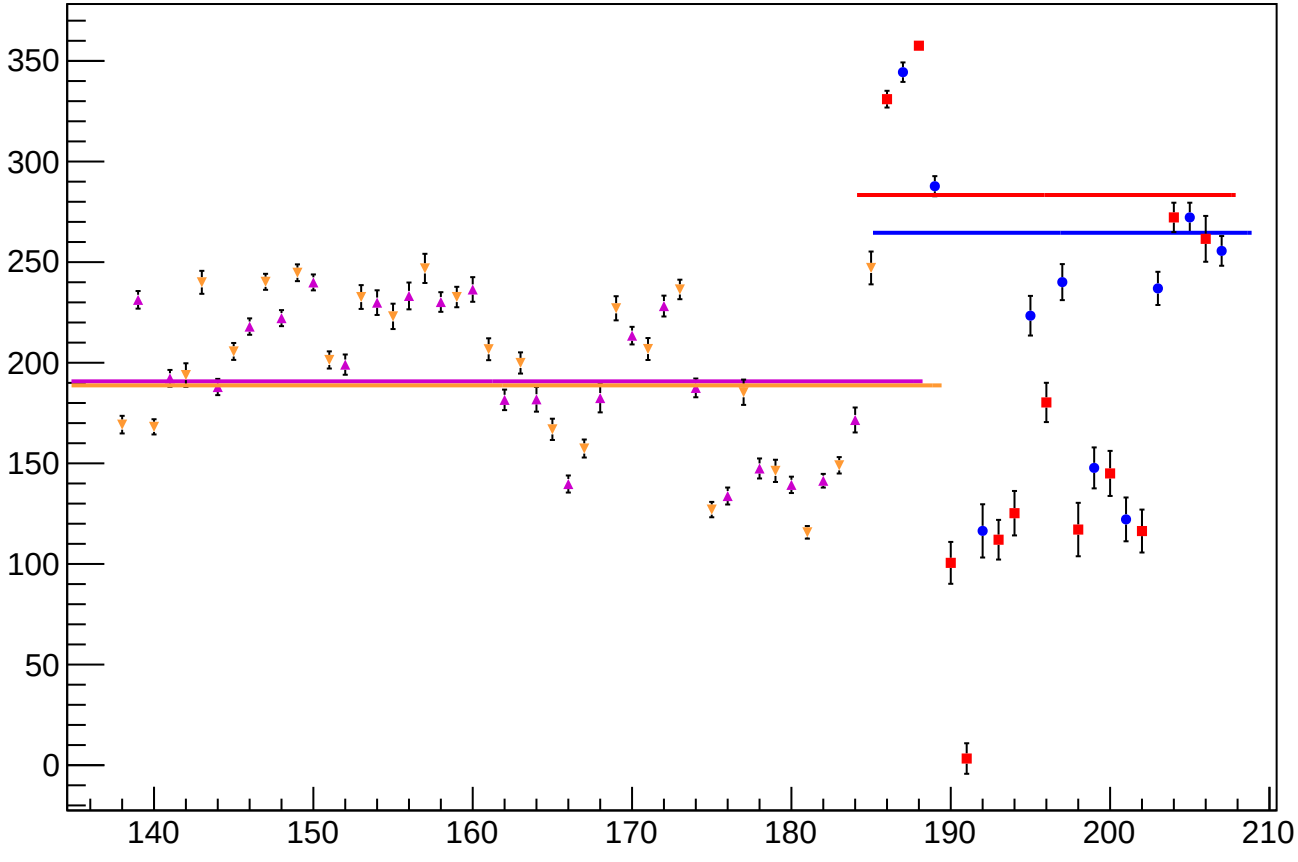
Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

+ sign -117.012+/-0.036 χ^2/NDF: 2434977.2/51

All: -116.260+/-0.026 χ^2/NDF: 4695488.5/10

- sign -115.520+/-0.036 χ^2/NDF: 2259669.1/52

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 264.590+/-2.350 χ^2/NDF: 760.5/9

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 283.364+/-1.763 χ^2/NDF: 3857.6/11

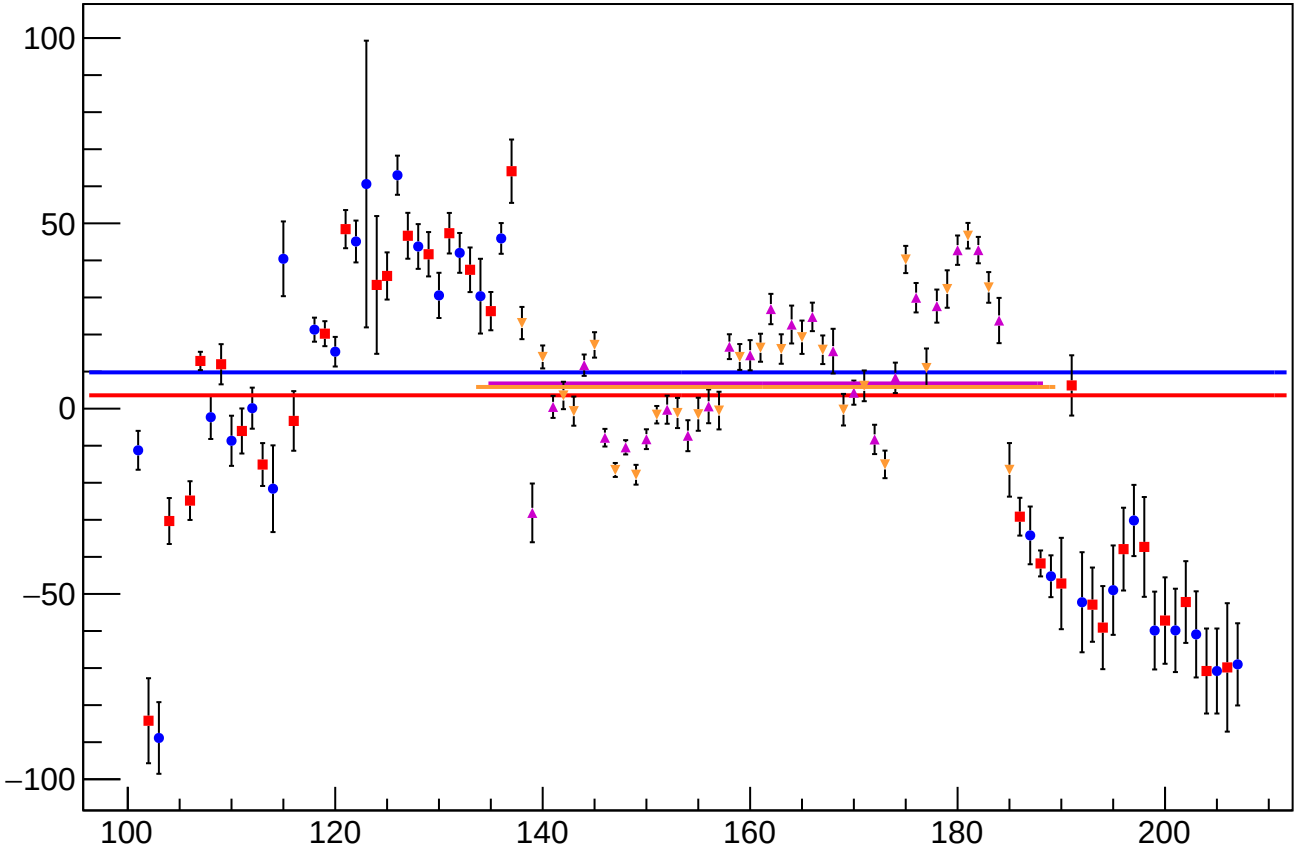
Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

+ sign 199.560+/-0.887 χ^2/NDF: 3622.4/34

All: 206.200+/-0.614 χ^2/NDF: 11126.2/69

- sign 212.303+/-0.851 χ^2/NDF: 7396.3/34

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 9.788+/-1.249 χ^2/NDF: 875.7/26

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 3.597+/-1.078 χ^2/NDF: 955.4/29

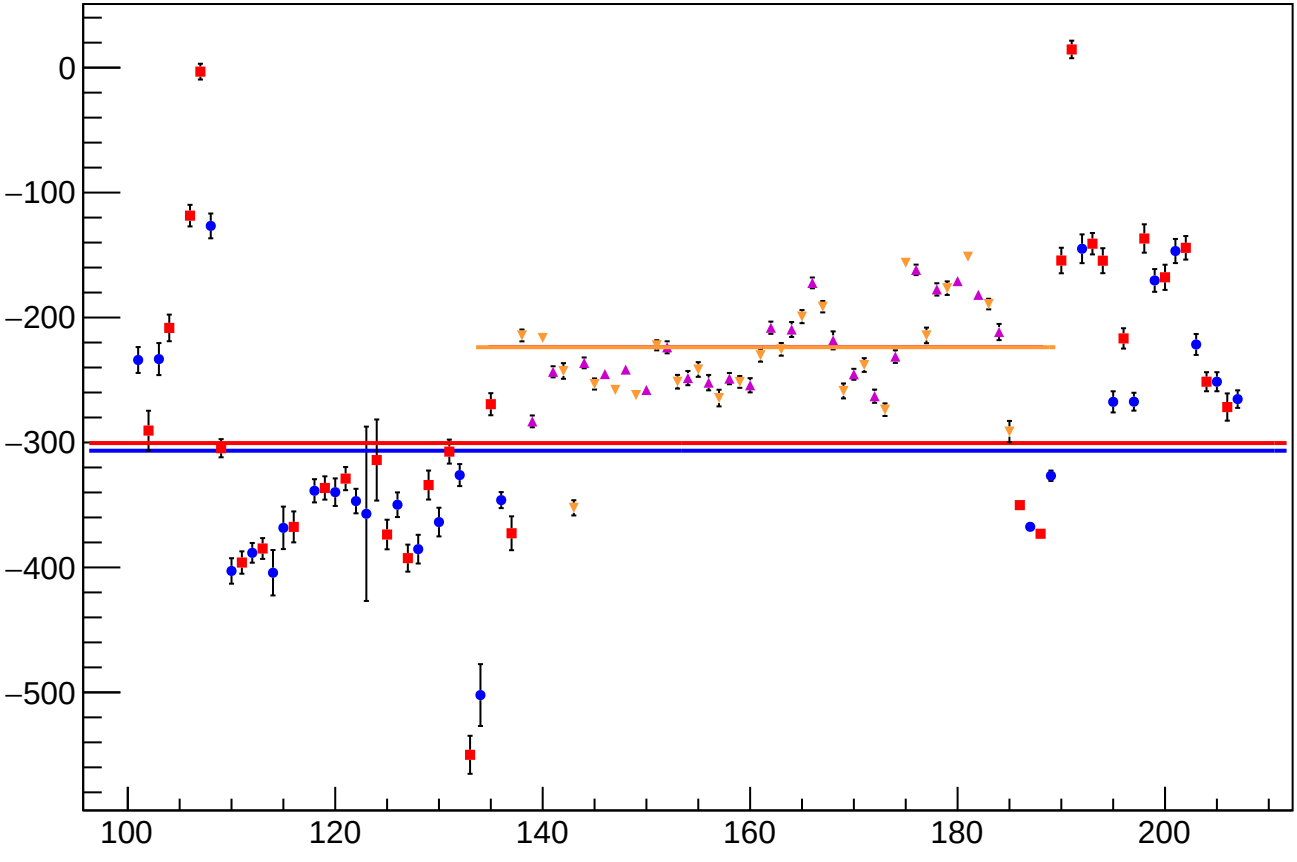
Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

+ sign 6.822+/-0.620 χ^2/NDF: 1533.8/51

All: 6.291+/-0.434 χ^2/NDF: 3022.5/104

- sign 5.783+/-0.607 χ^2/NDF: 1487.2/52

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -306.590+/-1.603 χ^2/NDF: 2078.1/26

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -300.462+/-1.245 χ^2/NDF: 8546.4/29

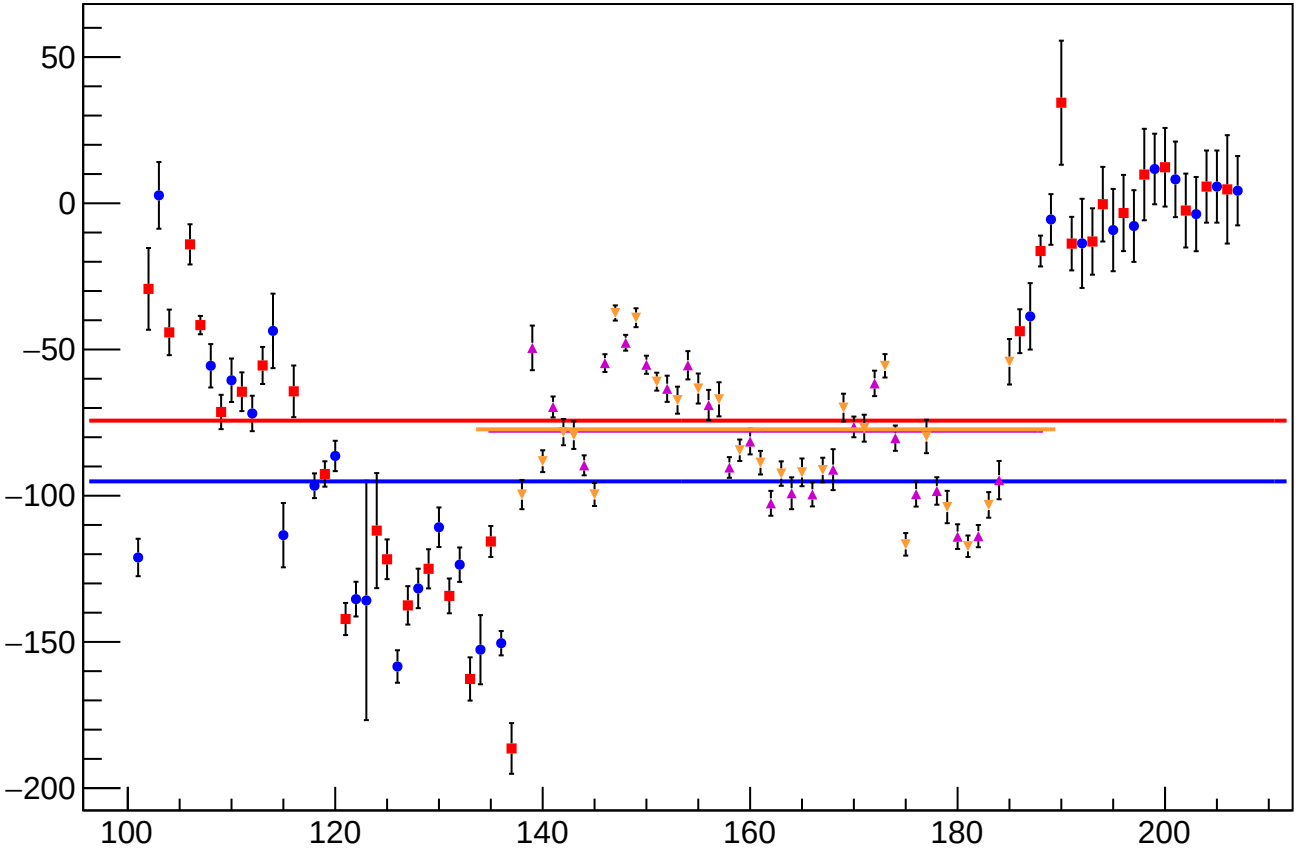
Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

+ sign -245.548+/-0.822 χ^2/NDF: 6067.2/51

All: -249.255+/-0.559 χ^2/NDF: 18321.1/104

- sign -252.447+/-0.763 χ^2/NDF: 12216.1/52

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -95.103+/-1.456 χ^2/NDF: 1191.0/26

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -74.324+/-1.293 χ^2/NDF: 1530.6/29

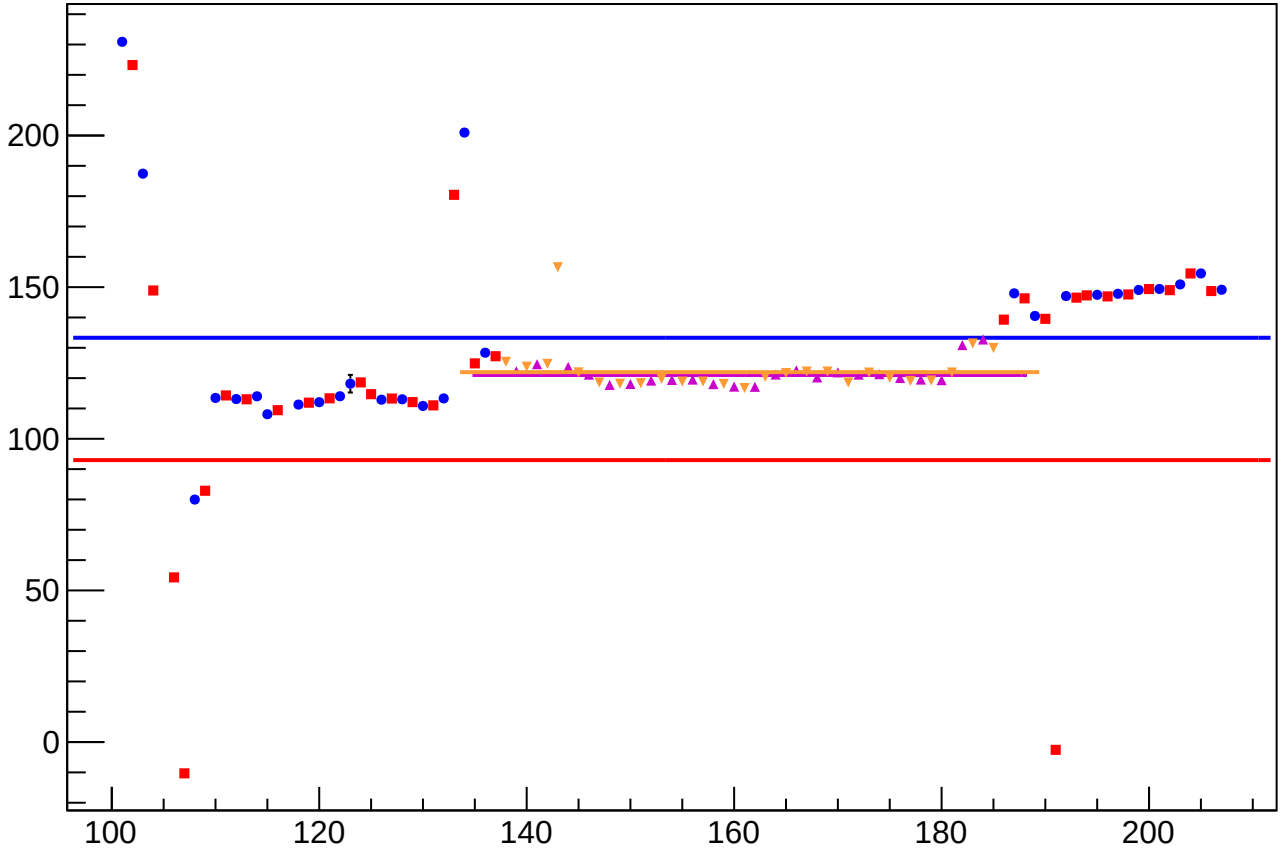
Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

+ sign -81.653+/-0.720 χ^2/NDF: 2148.6/51

All: -79.156+/-0.505 χ^2/NDF: 4332.3/104

- sign -76.740+/-0.708 χ^2/NDF: 2160.0/52

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 133.314+/-0.075 χ^2/NDF: 204826.5/26

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 92.972+/-0.063 χ^2/NDF: 1103652.2/29

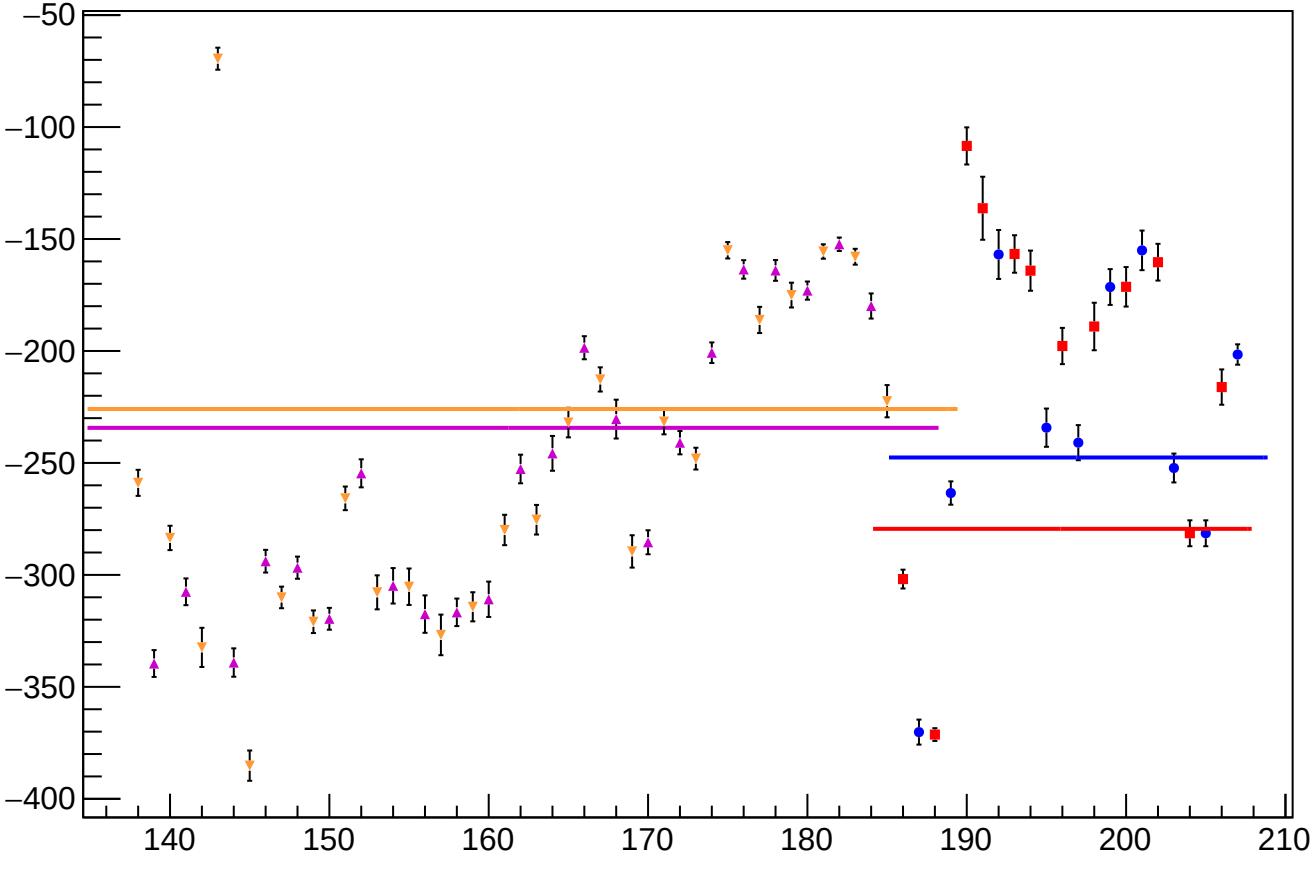
Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

+ sign 124.442+/-0.035 χ^2/NDF: 250212.9/51

All: 118.492+/-0.024 χ^2/NDF: 1561003.8/104

- sign 113.037+/-0.033 χ^2/NDF: 1255184.8/52

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -247.566+/-2.050 χ^2/NDF: 900.7/9

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -279.430+/-1.758 χ^2/NDF: 2574.8/11

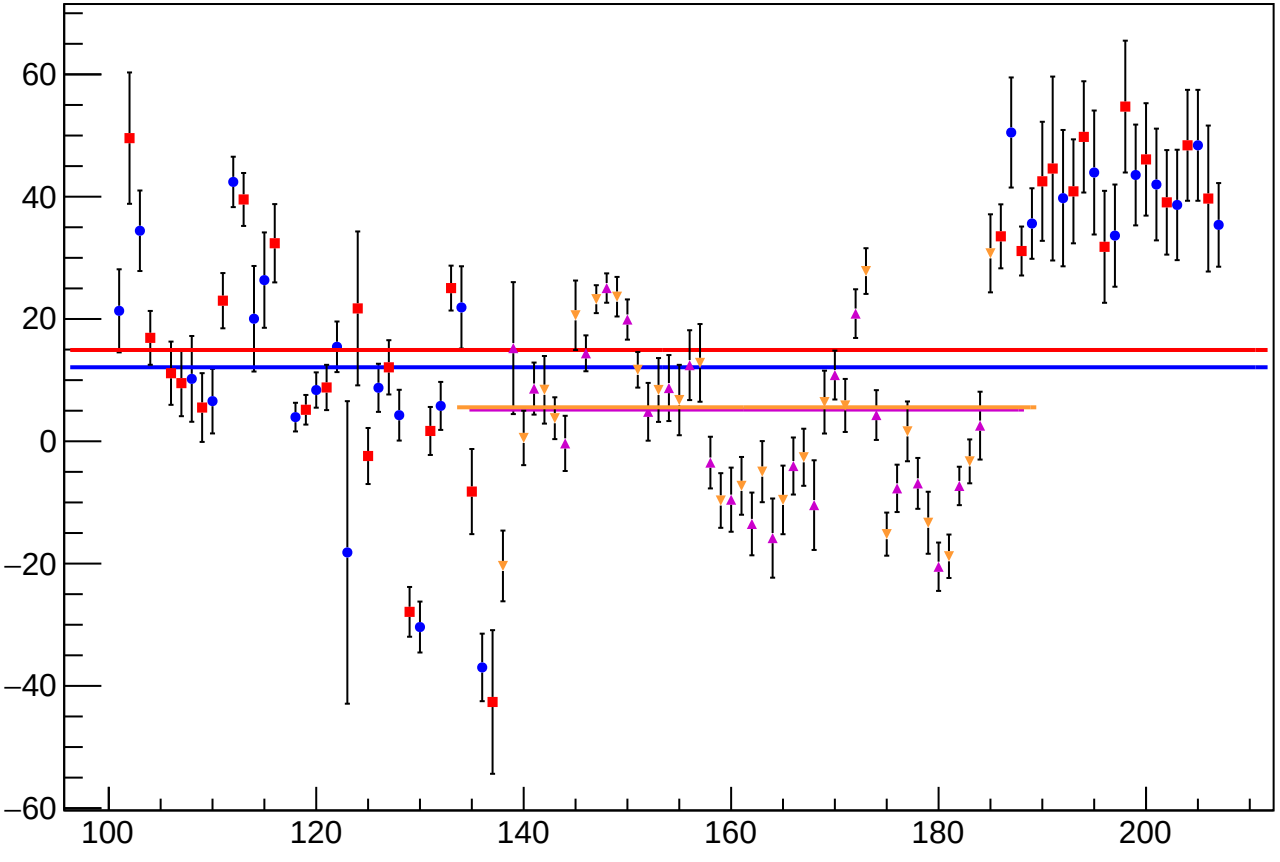
Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

+ sign -230.635+/-0.958 χ^2/NDF: 5657.2/34

All: -239.062+/-0.669 χ^2/NDF: 12447.1/69

- sign -247.091+/-0.935 χ^2/NDF: 6638.8/34

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 12.106+/-1.001 χ^2/NDF: 399.8/26

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 14.931+/-0.966 χ^2/NDF: 376.0/29

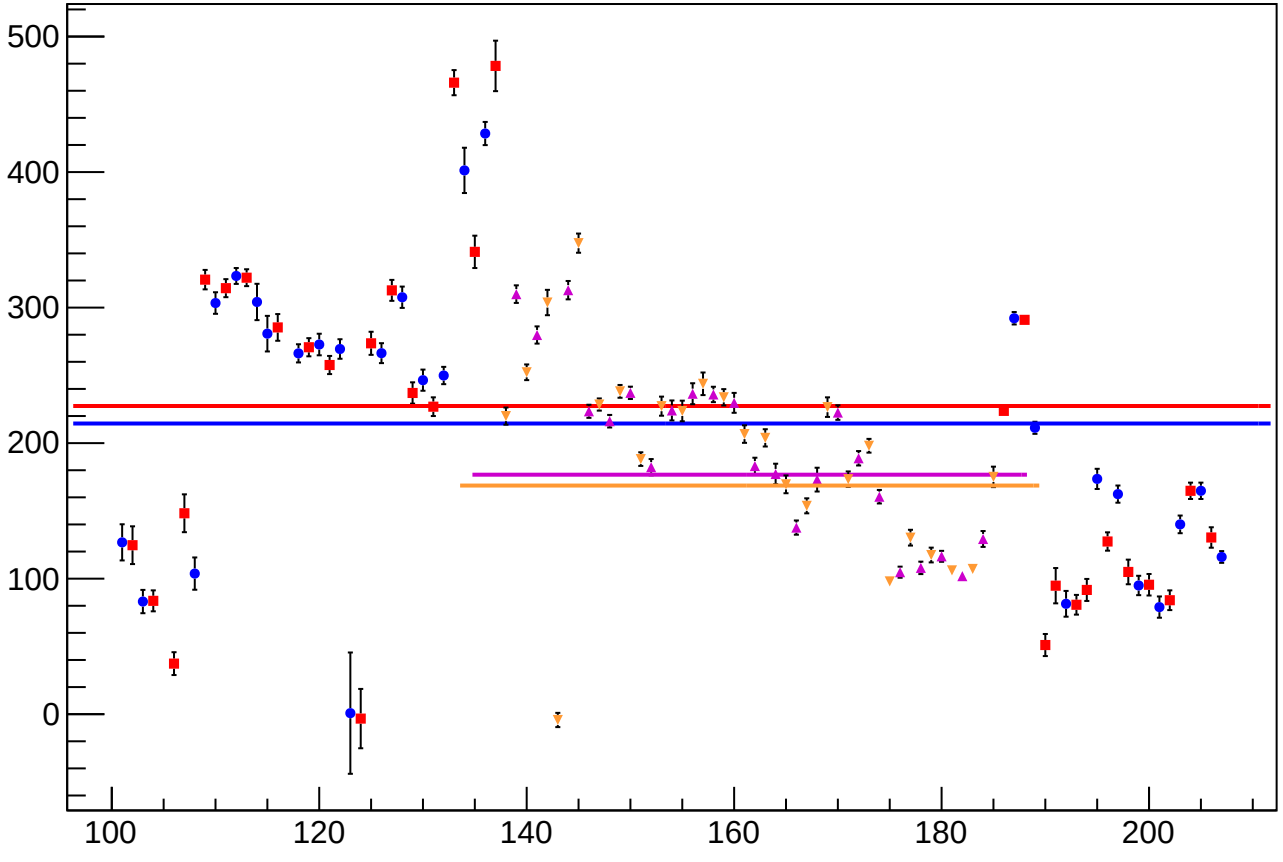
Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

+ sign 8.235+/-0.640 χ^2/NDF: 738.5/51

All: 8.876+/-0.454 χ^2/NDF: 1416.1/104

- sign 9.529+/-0.645 χ^2/NDF: 675.5/52

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 214.475+/-1.380 χ^2/NDF: 3959.4/26

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 227.399+/-1.194 χ^2/NDF: 6164.9/29

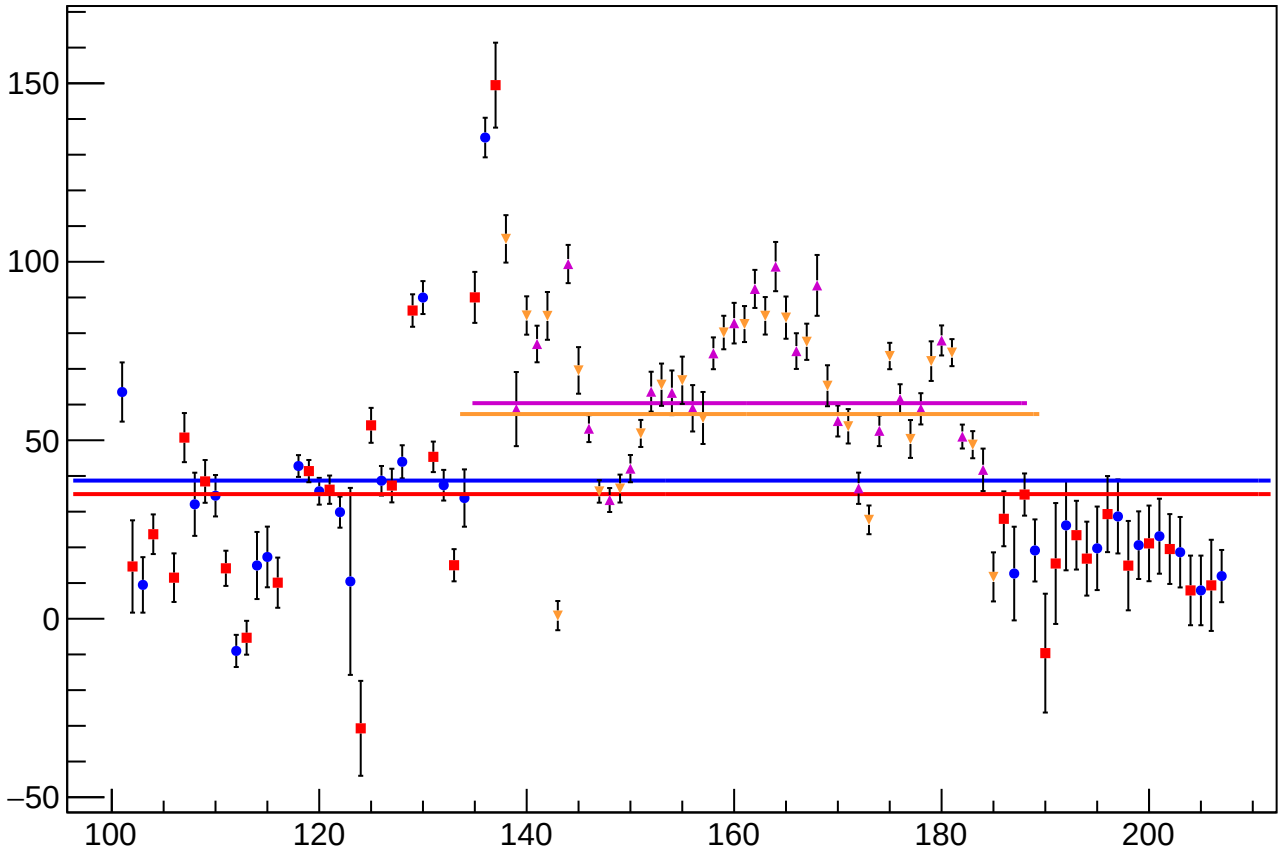
Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

+ sign 186.211+/-0.854 χ^2/NDF: 8876.7/51

All: 193.479+/-0.588 χ^2/NDF: 19386.8/104

- sign 200.020+/-0.810 χ^2/NDF: 10372.4/52

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 38.706+/-1.166 χ^2/NDF: 629.4/26

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 34.917+/-1.135 χ^2/NDF: 508.7/29

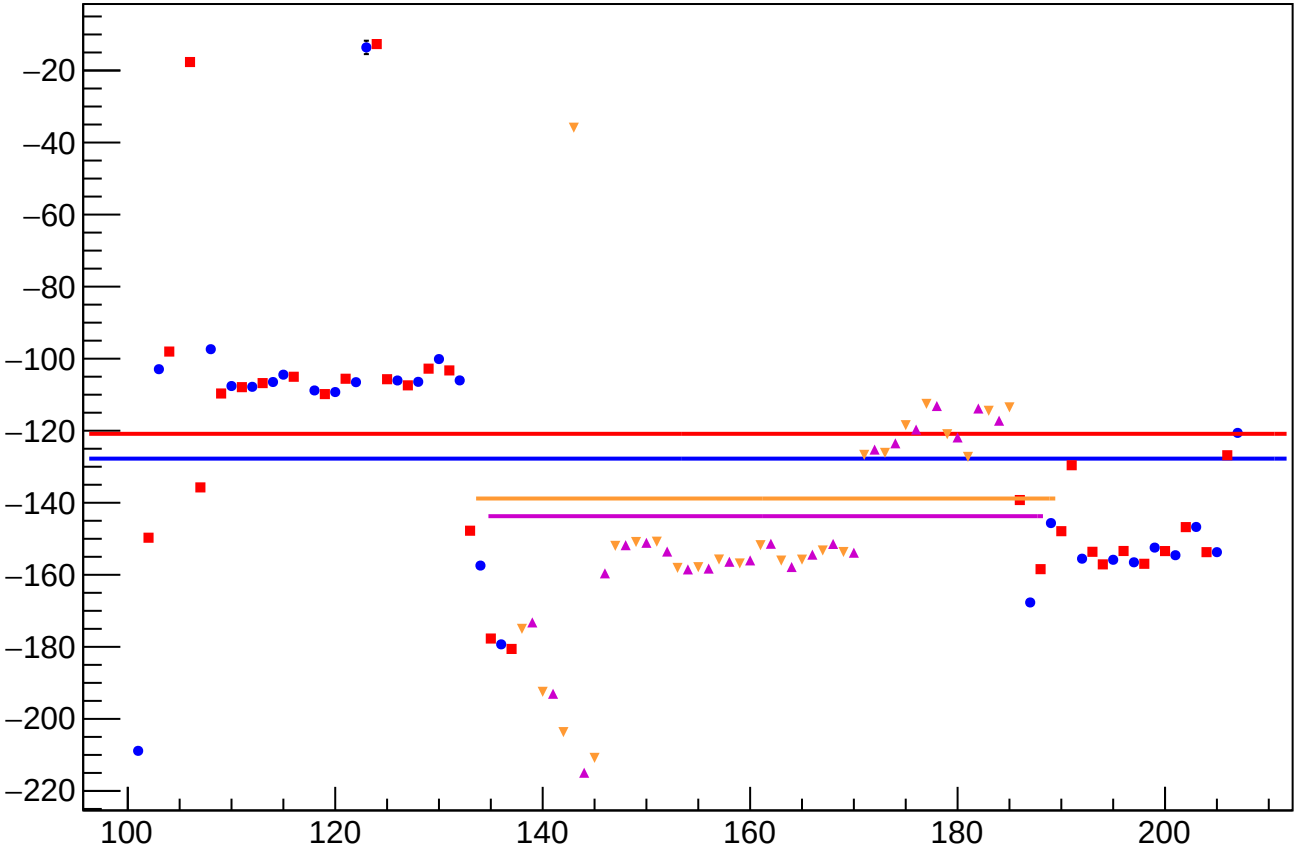
Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

+ sign 49.846+/-0.739 χ^2/NDF: 1423.6/51

All: 49.633+/-0.525 χ^2/NDF: 2560.7/104

- sign 49.416+/-0.745 χ^2/NDF: 1136.9/52

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -127.748+/-0.064 χ^2/NDF: 206205.2/26

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -120.861+/-0.059 χ^2/NDF: 454633.3/29

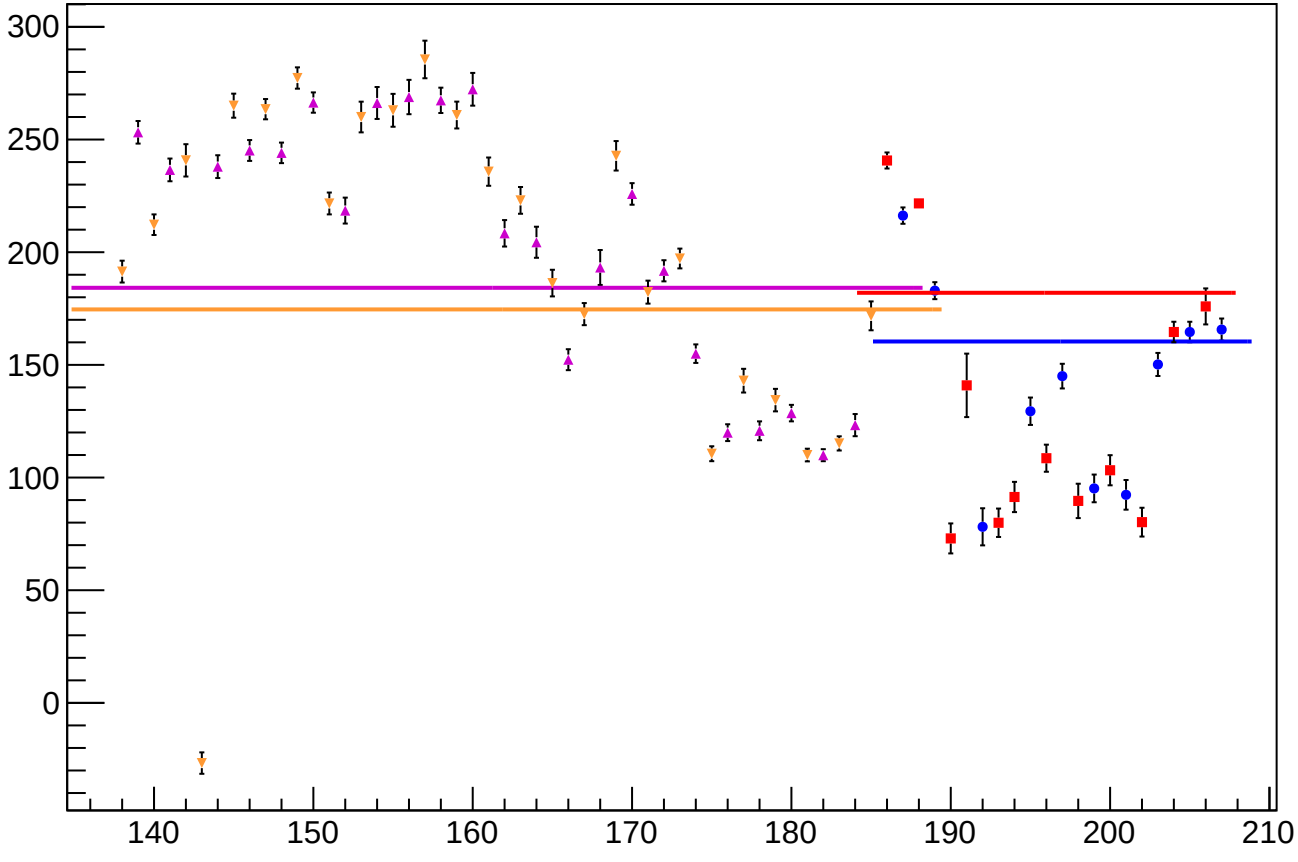
Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

+ sign -135.087+/-0.037 χ^2/NDF: 751886.3/51

All: -135.128+/-0.026 χ^2/NDF: 1560368.2/10

- sign -135.168+/-0.036 χ^2/NDF: 808479.5/52

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 160.380+/-1.583 χ^2/NDF: 631.6/9

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 181.992+/-1.294 χ^2/NDF: 2149.7/11

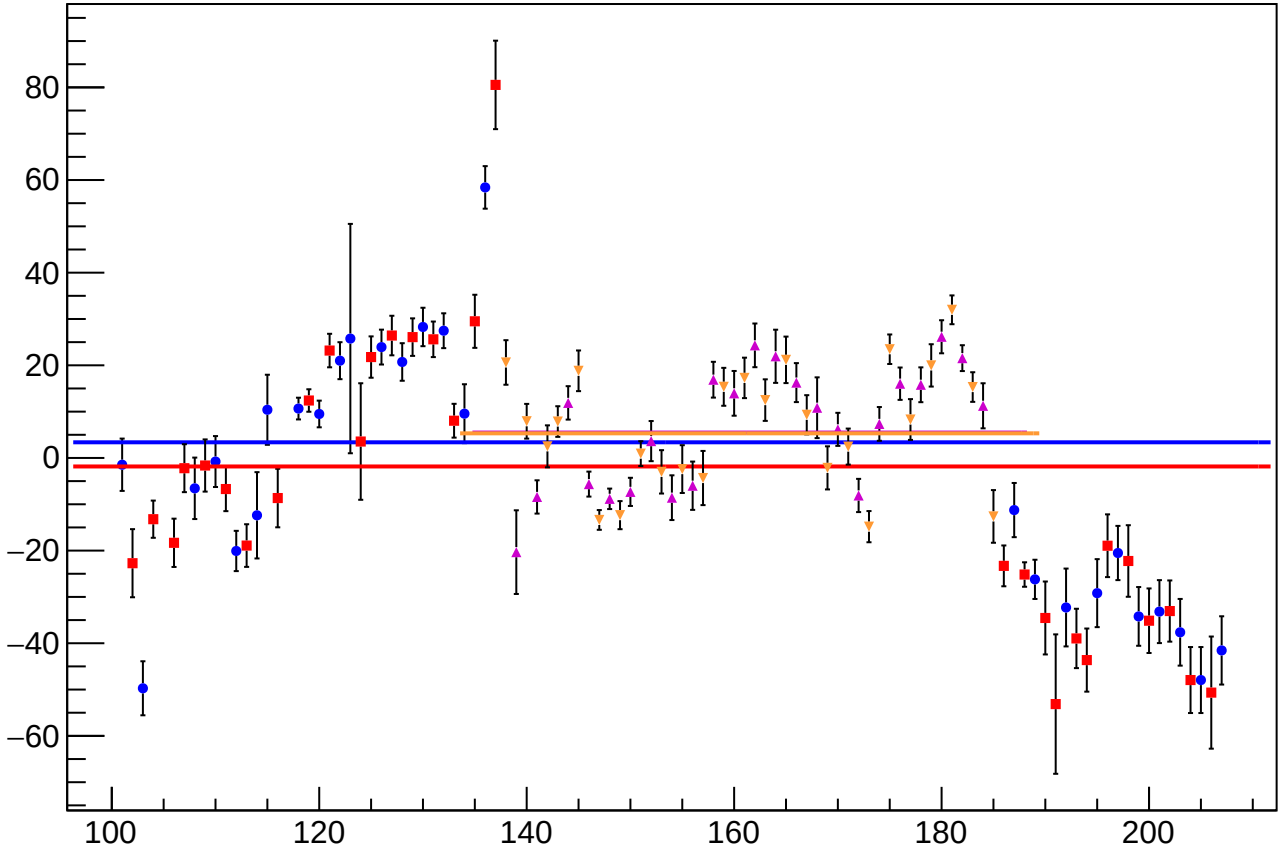
Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

+ sign 170.733+/-0.826 χ^2/NDF: 6241.7/34

All: 177.390+/-0.569 χ^2/NDF: 12153.7/69

- sign 183.391+/-0.785 χ^2/NDF: 5788.6/34

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 3.378+/-0.933 χ^2/NDF: 718.5/26

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: -1.838+/-0.886 χ^2/NDF: 725.2/29

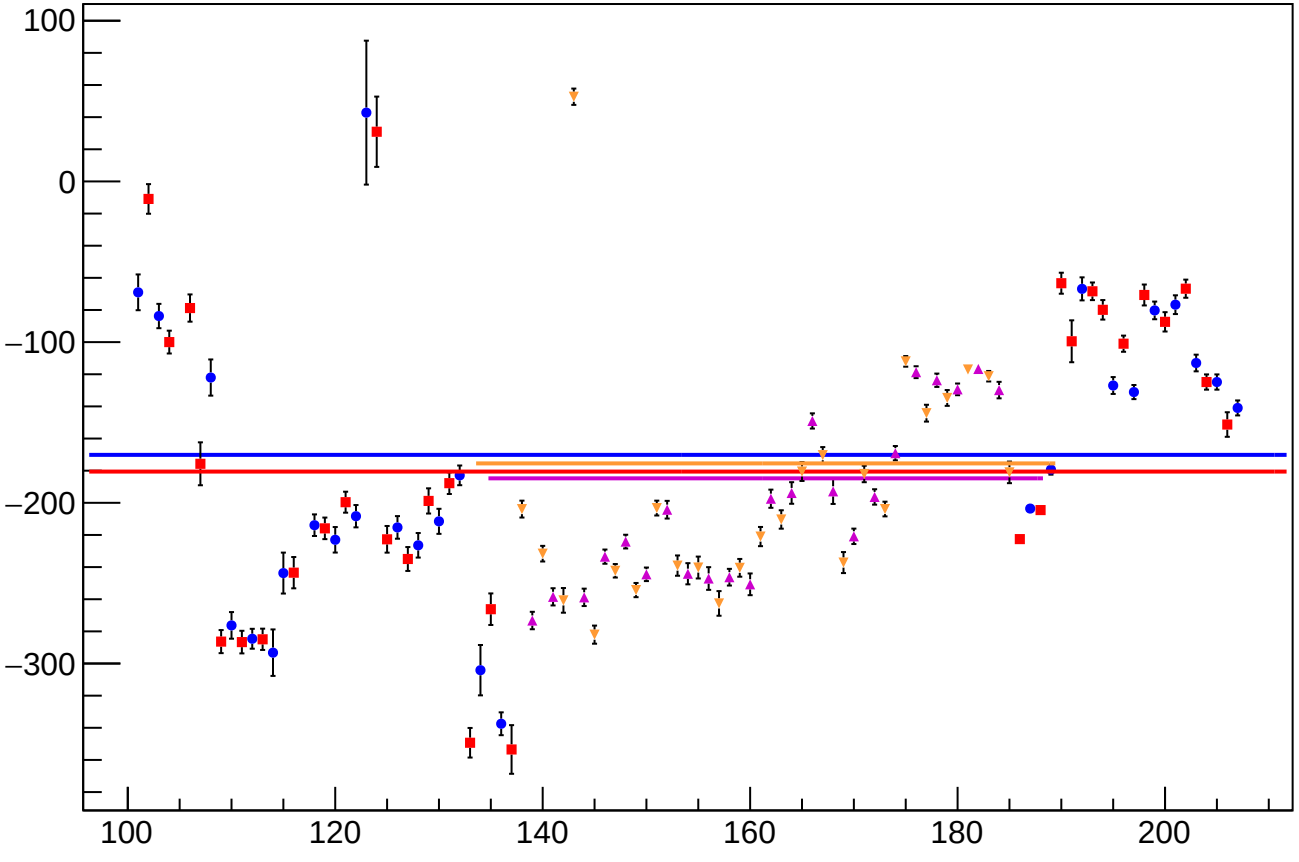
Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

+ sign 4.554+/-0.585 χ^2/NDF: 1066.2/51

All: 3.422+/-0.414 χ^2/NDF: 2096.5/104

- sign 2.290+/-0.585 χ^2/NDF: 1022.8/52

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -170.158+/-1.148 χ^2/NDF: 3001.2/26

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -180.558+/-0.949 χ^2/NDF: 4966.5/29

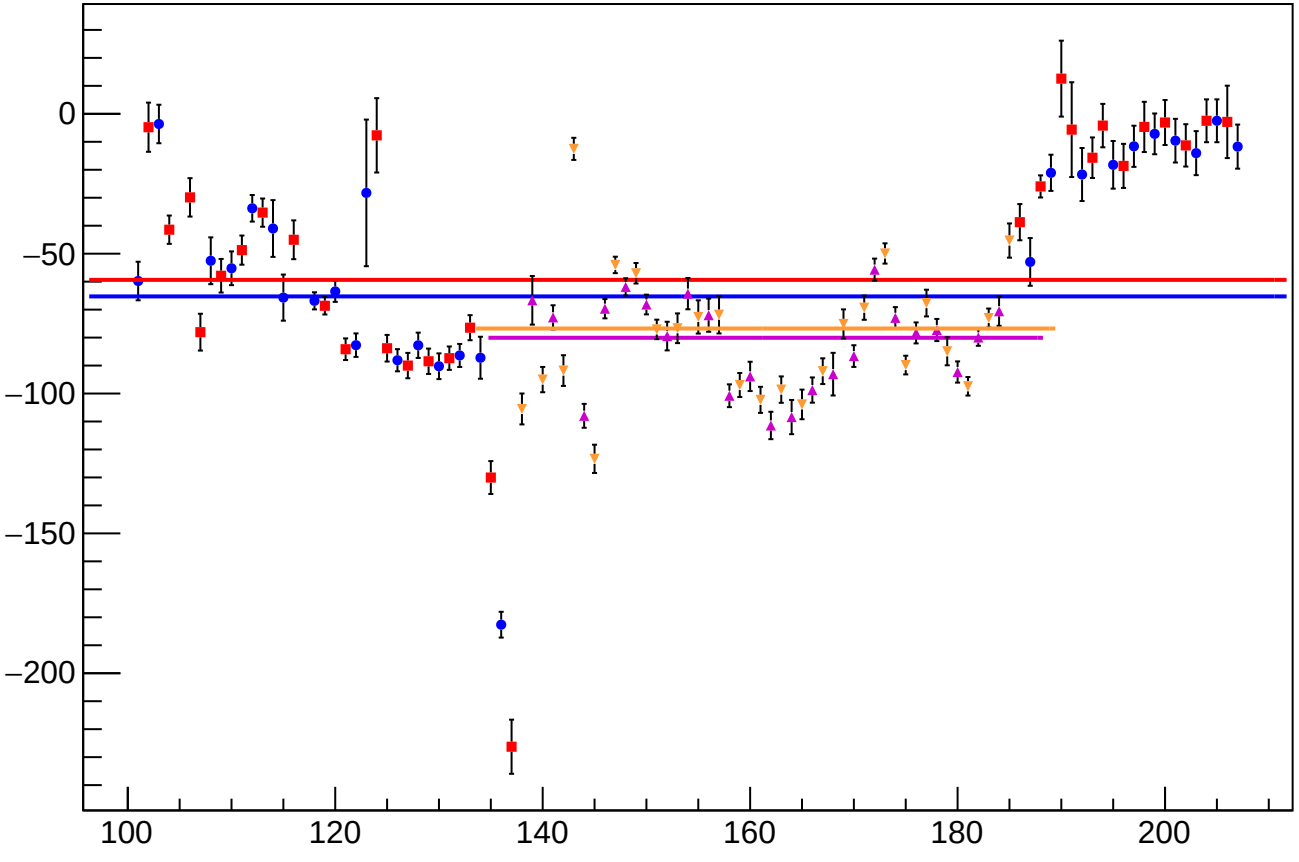
Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

+ sign -173.248+/-0.743 χ^2/NDF: 8117.4/51

All: -178.299+/-0.503 χ^2/NDF: 16261.3/104

- sign -182.582+/-0.684 χ^2/NDF: 8058.4/52

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -65.276+/-1.092 χ^2/NDF: 1338.8/26

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -59.364+/-1.054 χ^2/NDF: 1222.2/29

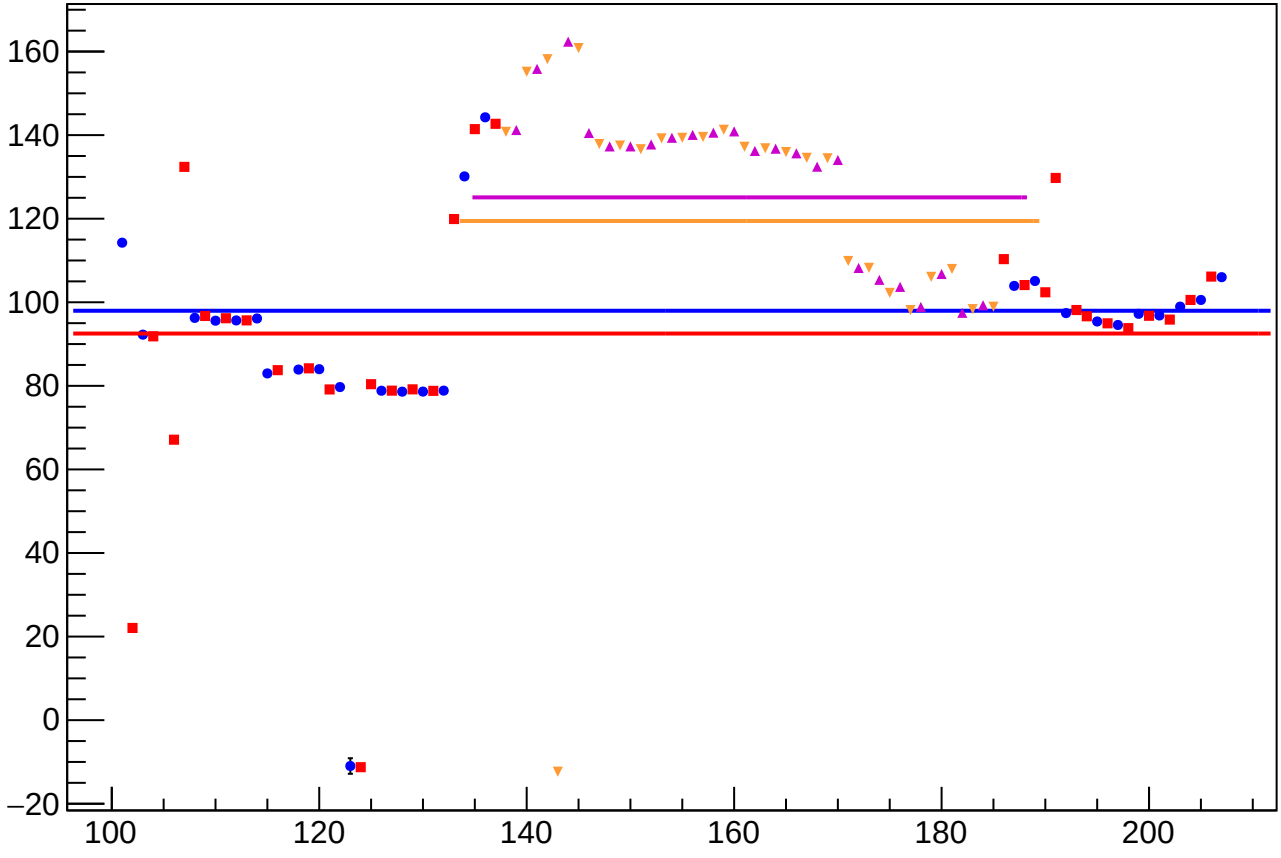
Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

+ sign -72.353+/-0.676 χ^2/NDF: 2153.6/51

All: -71.923+/-0.479 χ^2/NDF: 3889.5/104

- sign -71.489+/-0.678 χ^2/NDF: 1735.1/52

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.970+/-0.056 χ^2/NDF: 96401.0/26

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 92.518+/-0.052 χ^2/NDF: 242149.4/29

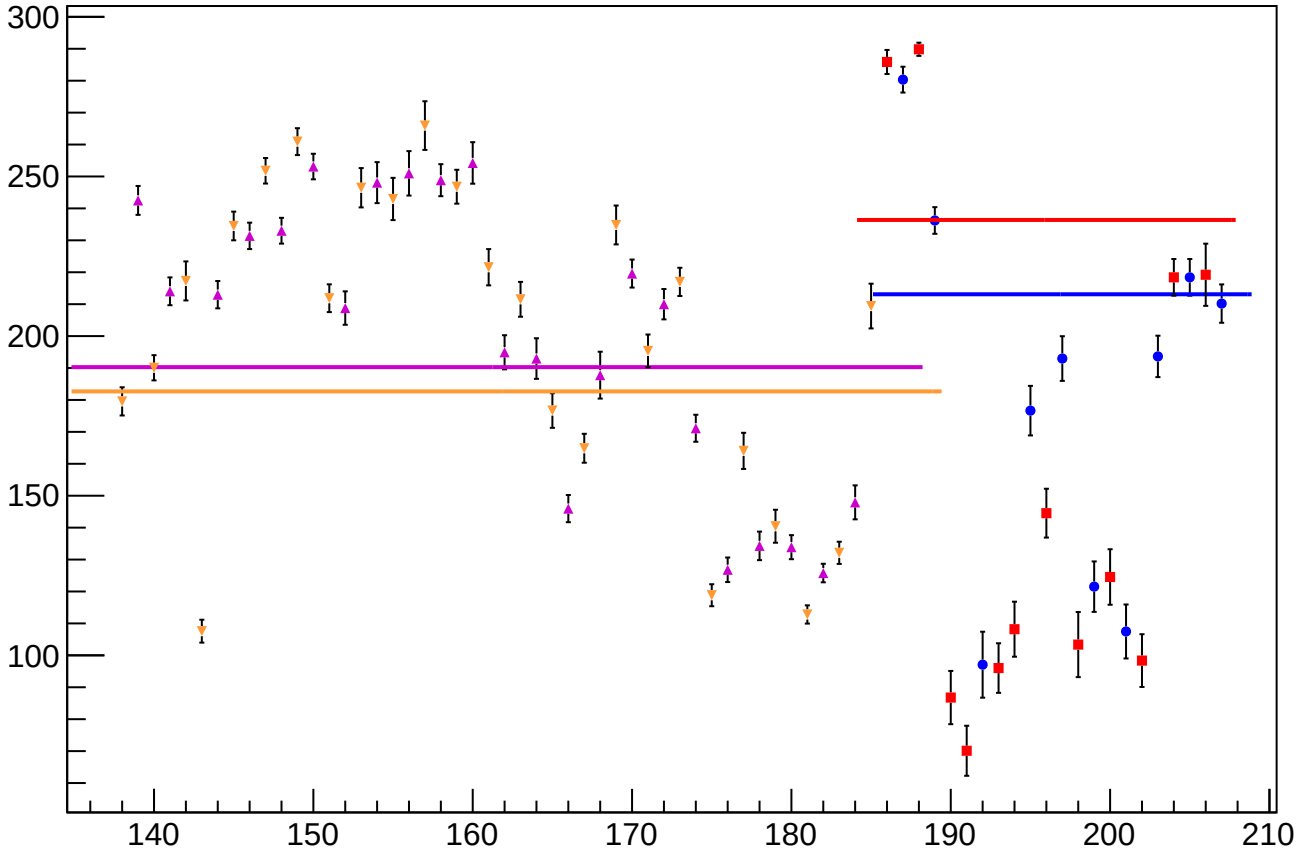
Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

+ sign 112.032+/-0.033 χ^2/NDF: 852977.2/51

All: 112.256+/-0.023 χ^2/NDF: 1561692.9/104

- sign 112.469+/-0.032 χ^2/NDF: 708625.3/52

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 213.098+/-1.901 χ^2/NDF: 763.8/9

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 236.382+/-1.474 χ^2/NDF: 2932.7/11

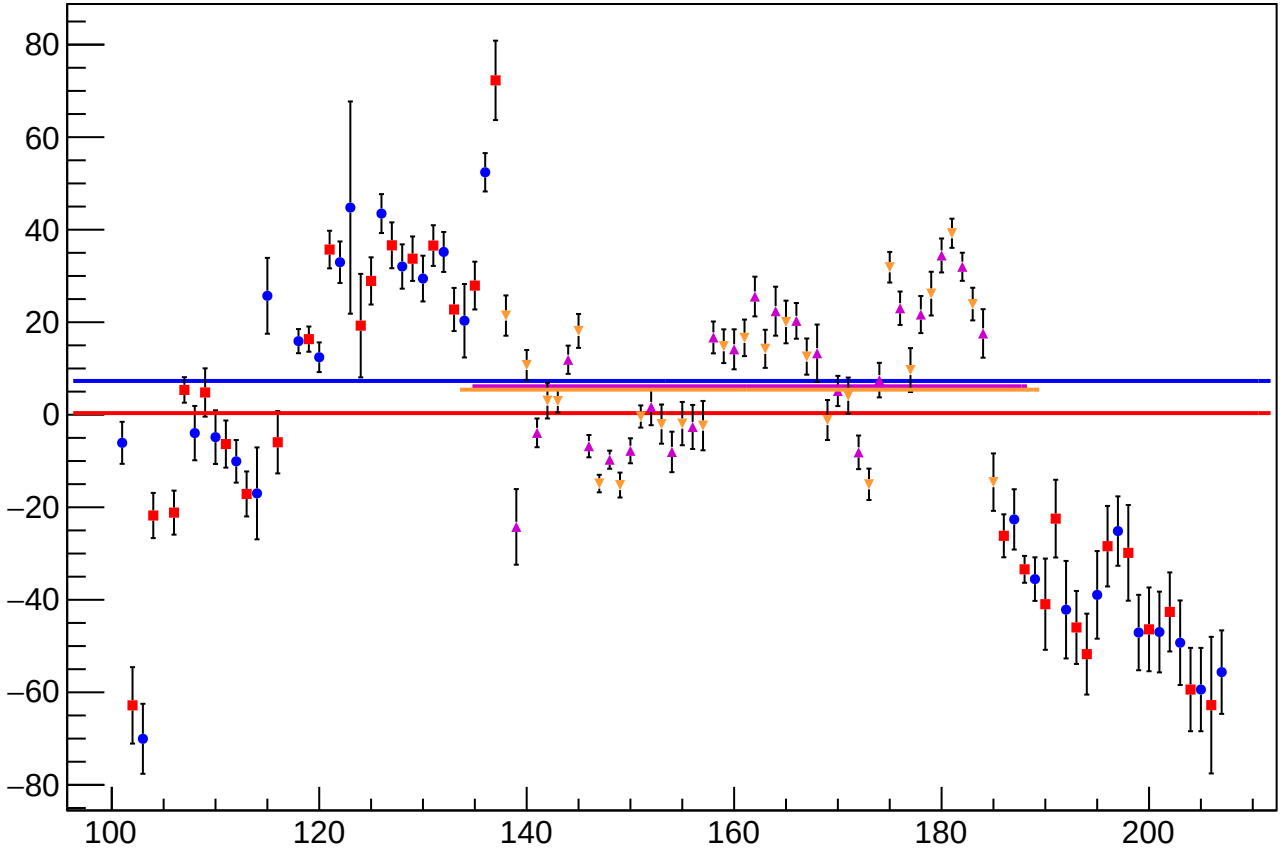
Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

+ sign 188.429+/-0.827 χ^2/NDF: 4202.1/34

All: 196.387+/-0.574 χ^2/NDF: 10458.2/69

- sign 203.791+/-0.798 χ^2/NDF: 6077.4/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 7.306+/-1.036 χ^2/NDF: 872.0/26

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 0.356+/-0.941 χ^2/NDF: 951.1/29

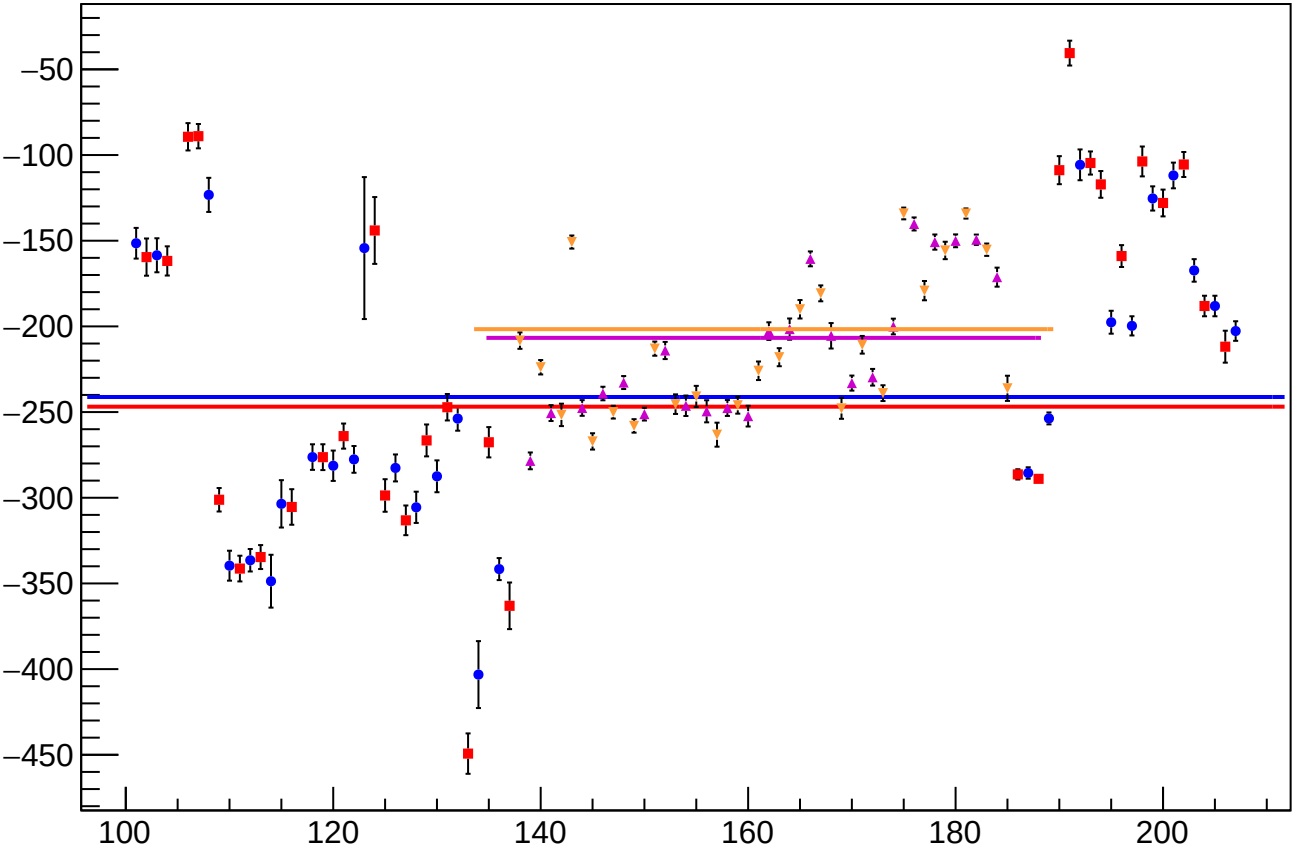
Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

+ sign 6.006+/-0.576 χ^2/NDF: 1399.4/51

All: 4.991+/-0.407 χ^2/NDF: 2791.0/104

- sign 3.973+/-0.577 χ^2/NDF: 1385.3/52

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -241.202+/-1.322 χ^2/NDF: 2536.3/26

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -246.849+/-1.053 χ^2/NDF: 5778.0/29

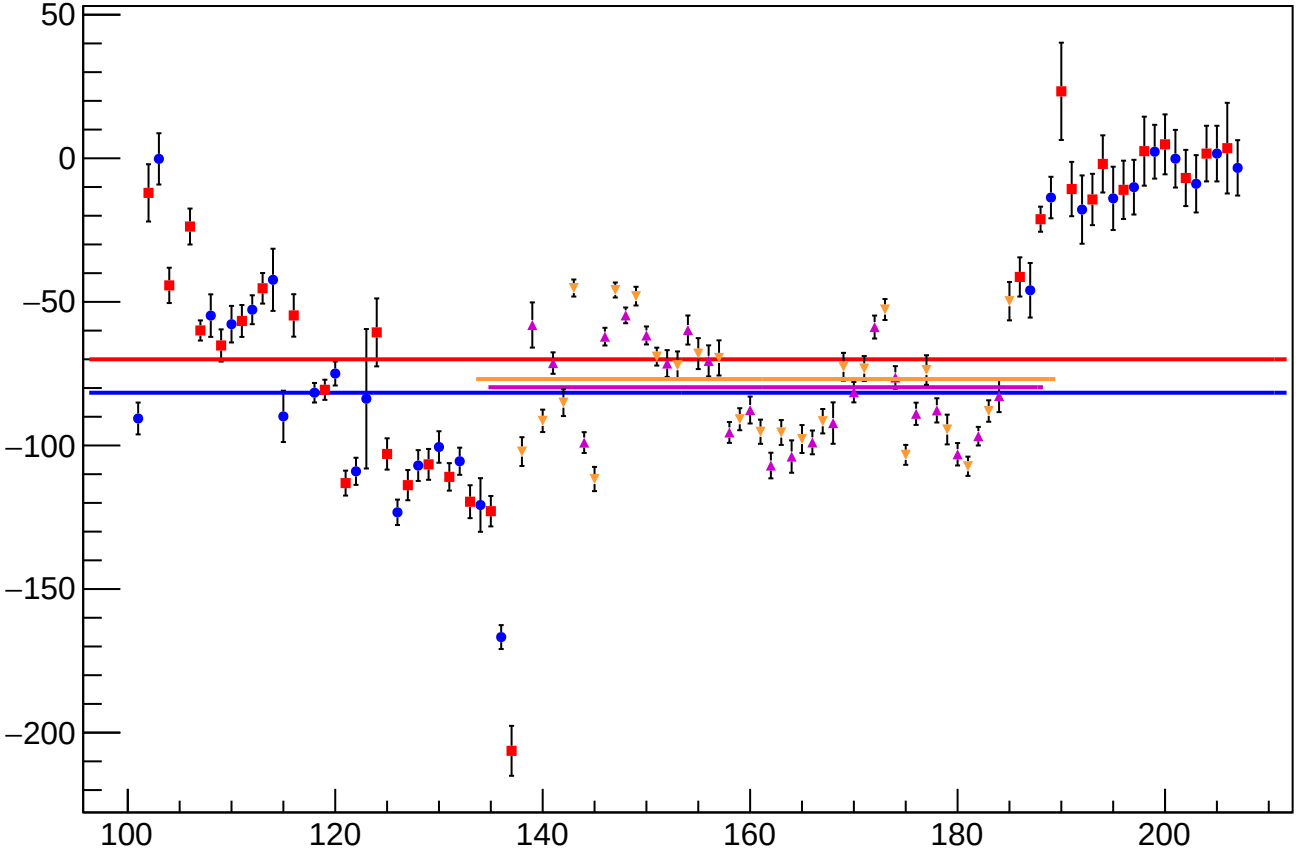
Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

+ sign -214.570+/-0.757 χ^2/NDF: 5601.7/51

All: -219.960+/-0.515 χ^2/NDF: 14413.4/104

- sign -224.626+/-0.704 χ^2/NDF: 8716.9/52

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -81.638+/-1.212 χ^2/NDF: 1343.6/26

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -69.995+/-1.124 χ^2/NDF: 1437.7/29

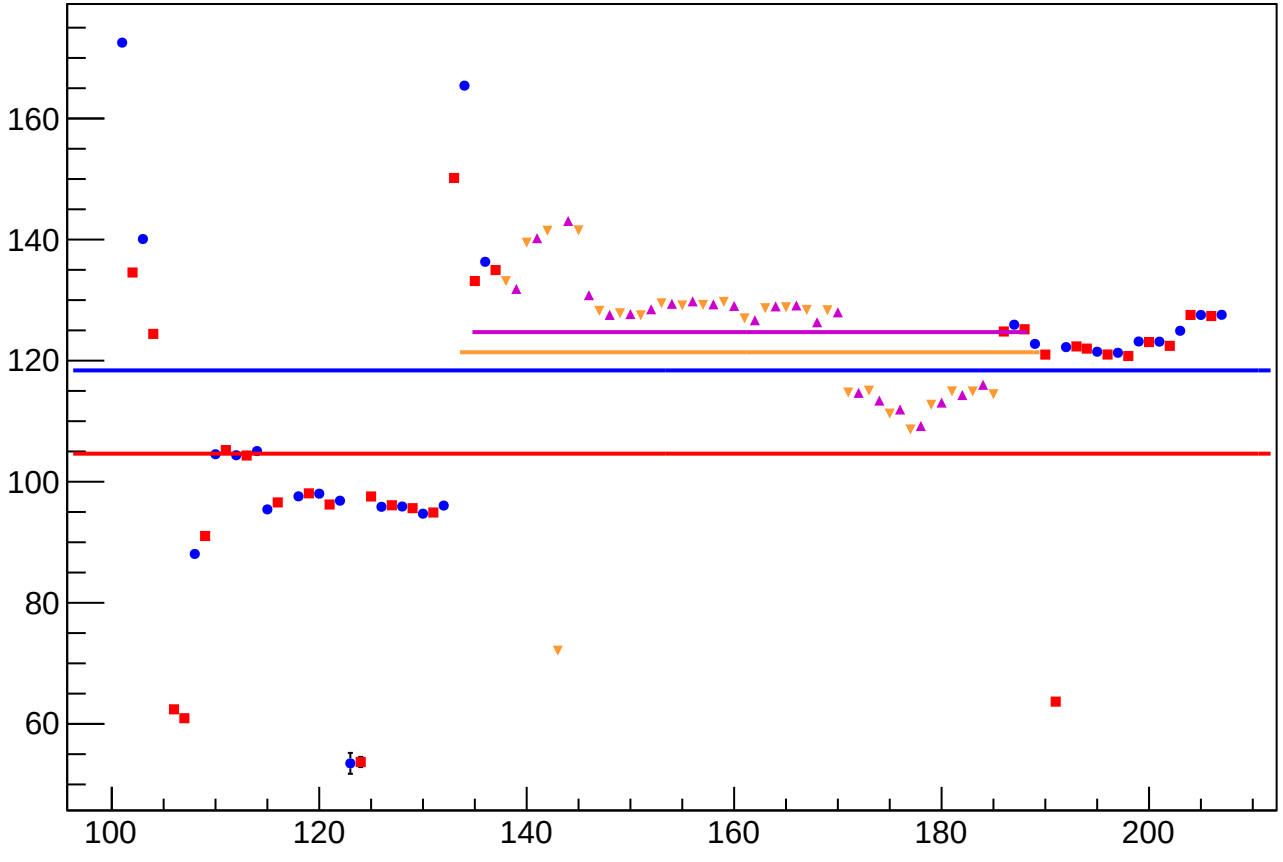
Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

+ sign -78.322+/-0.669 χ^2/NDF: 2113.2/51

All: -77.288+/-0.474 χ^2/NDF: 4018.9/104

- sign -76.246+/-0.671 χ^2/NDF: 1901.0/52

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 118.388+/-0.063 χ^2/NDF: 110192.1/26

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 104.638+/-0.055 χ^2/NDF: 237381.7/29

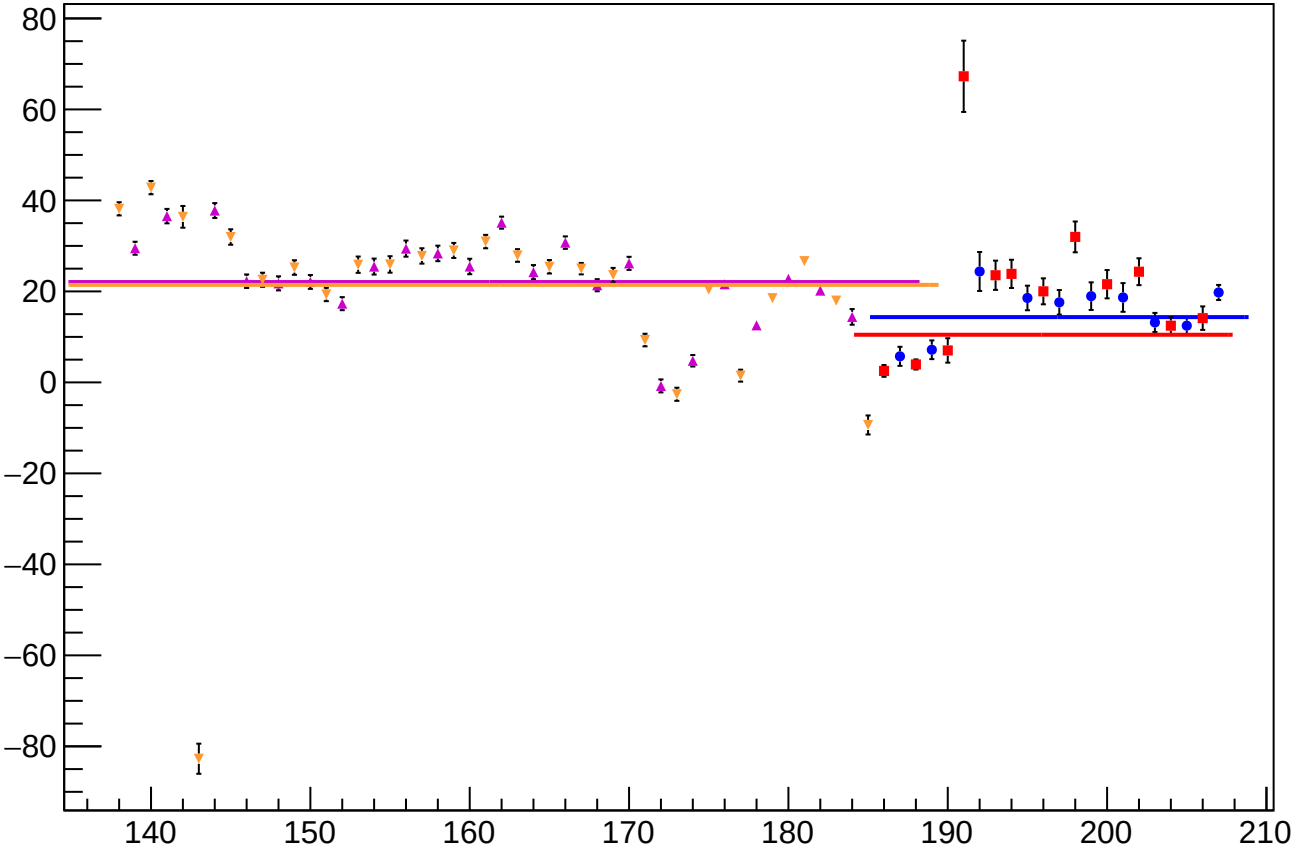
Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

+ sign 120.586+/-0.033 χ^2/NDF: 276699.5/51

All: 119.272+/-0.023 χ^2/NDF: 656905.5/104

- sign 118.025+/-0.032 χ^2/NDF: 377069.9/52

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 14.348+/-0.730 χ^2/NDF: 54.5/9

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 10.471+/-0.617 χ^2/NDF: 250.9/11

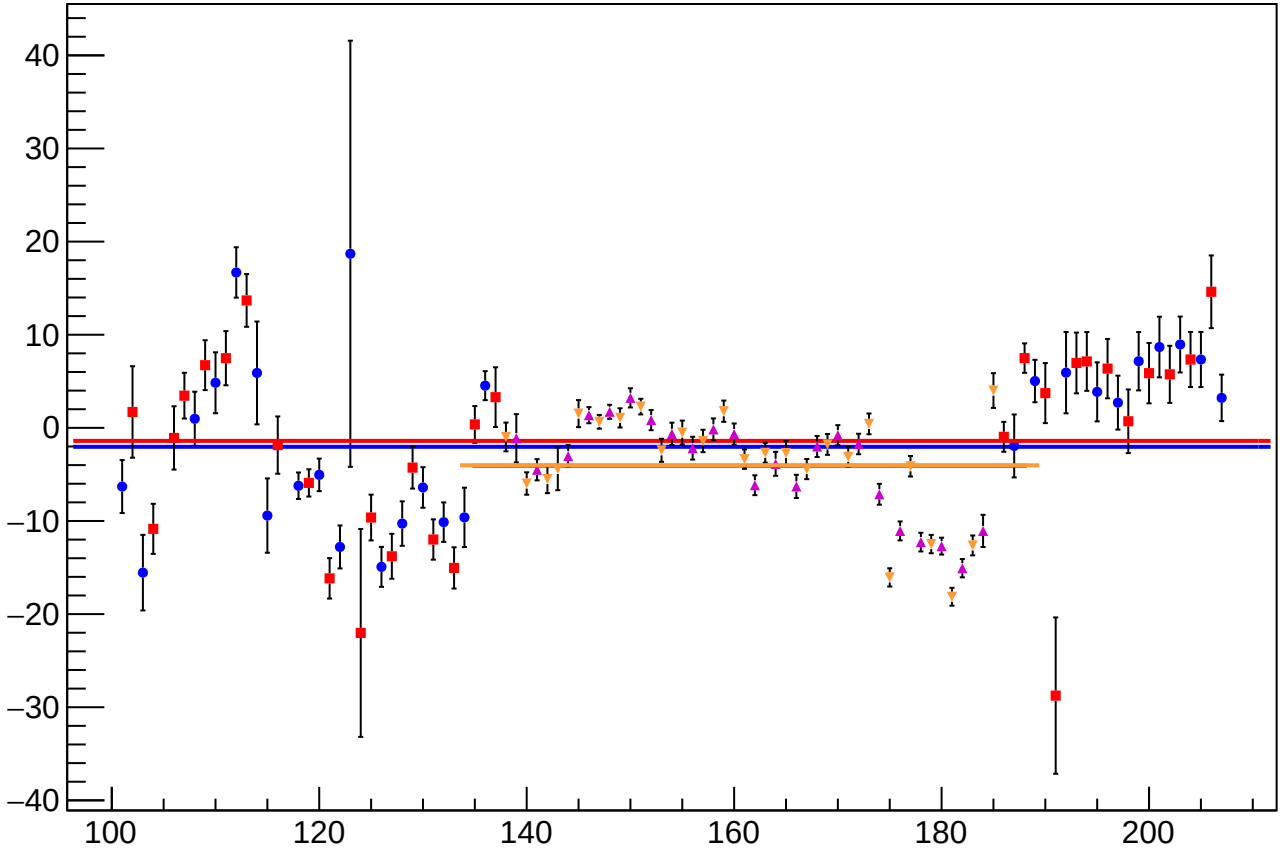
Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

+ sign 20.512+/-0.264 χ^2/NDF: 2542.7/34

All: 20.265+/-0.184 χ^2/NDF: 4027.0/69

- sign 20.029+/-0.258 χ^2/NDF: 1482.7/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -2.035+/-0.493 χ^2/NDF: 262.9/26

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -1.400+/-0.468 χ^2/NDF: 327.9/29

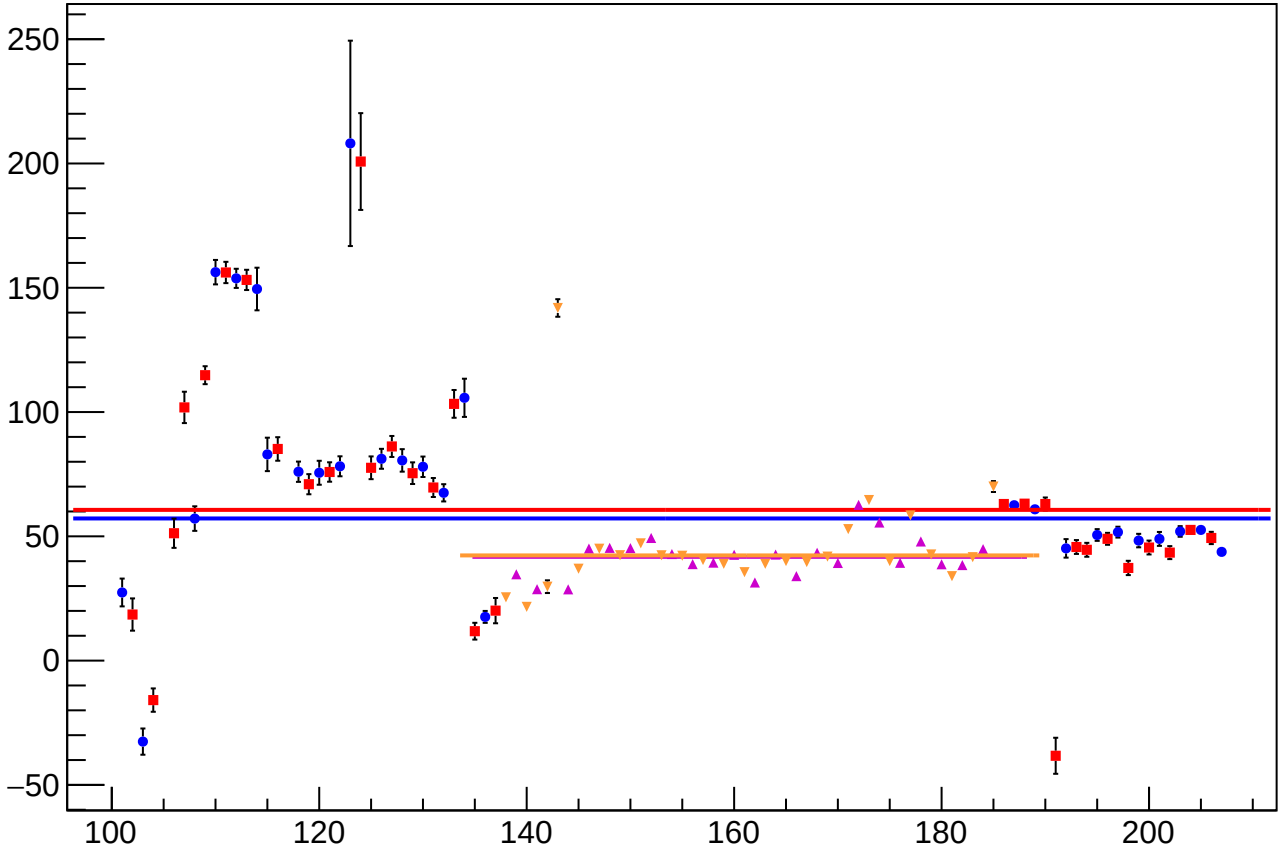
Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

+ sign -3.678+/-0.203 χ^2/NDF: 1007.9/51

All: -3.619+/-0.144 χ^2/NDF: 1942.4/104

- sign -3.559+/-0.205 χ^2/NDF: 934.3/52

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 57.188+/-0.566 χ^2/NDF: 2110.9/26

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 60.643+/-0.474 χ^2/NDF: 2550.6/29

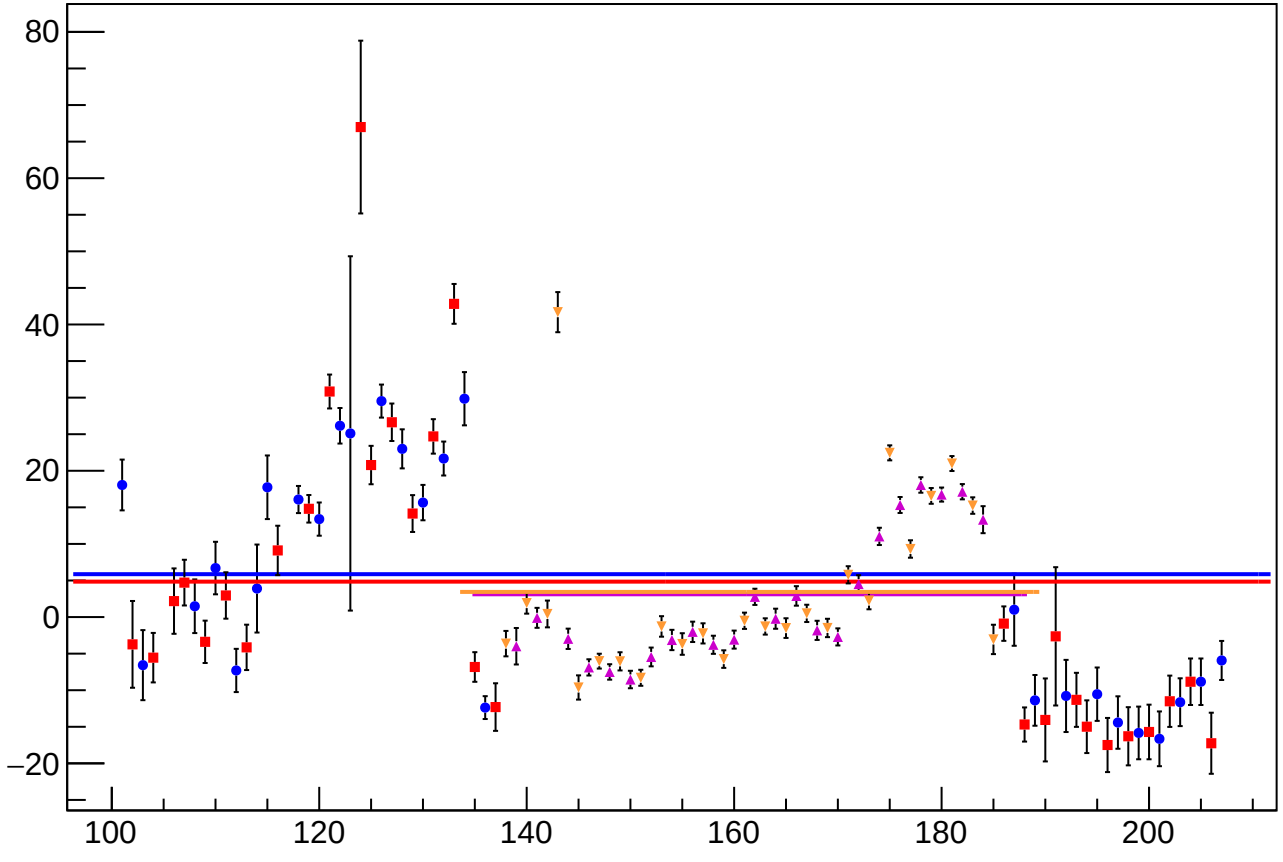
Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

+ sign 45.279+/-0.252 χ^2/NDF: 4518.9/51

All: 46.026+/-0.175 χ^2/NDF: 8916.2/104

- sign 46.718+/-0.243 χ^2/NDF: 4380.5/52

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 5.863+/-0.567 χ^2/NDF: 784.7/26

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 4.844+/-0.553 χ^2/NDF: 961.6/29

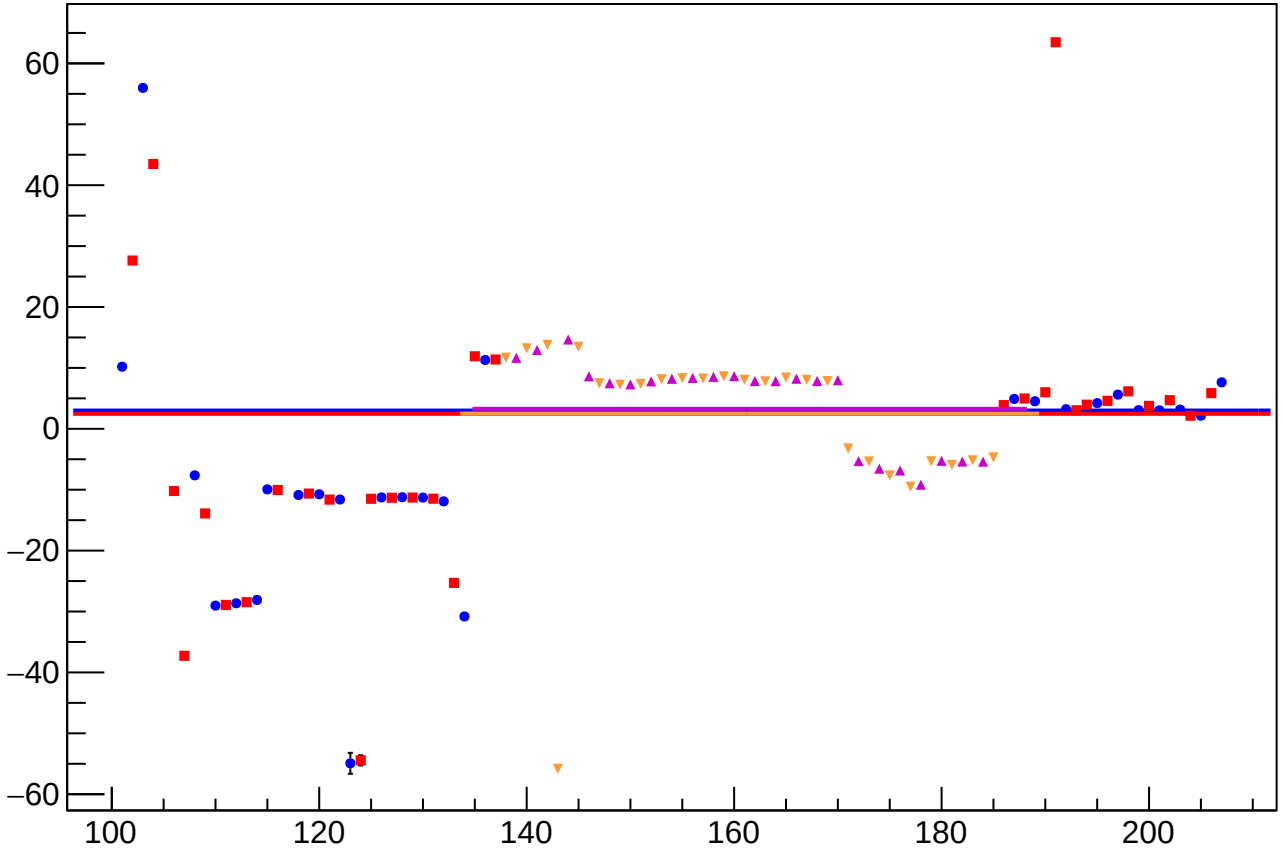
Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

+ sign 3.840+/-0.231 χ^2/NDF: 2447.6/51

All: 3.632+/-0.164 χ^2/NDF: 4691.9/104

- sign 3.420+/-0.233 χ^2/NDF: 2242.7/52

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 3.000+/-0.027 χ^2/NDF: 363311.4/26

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

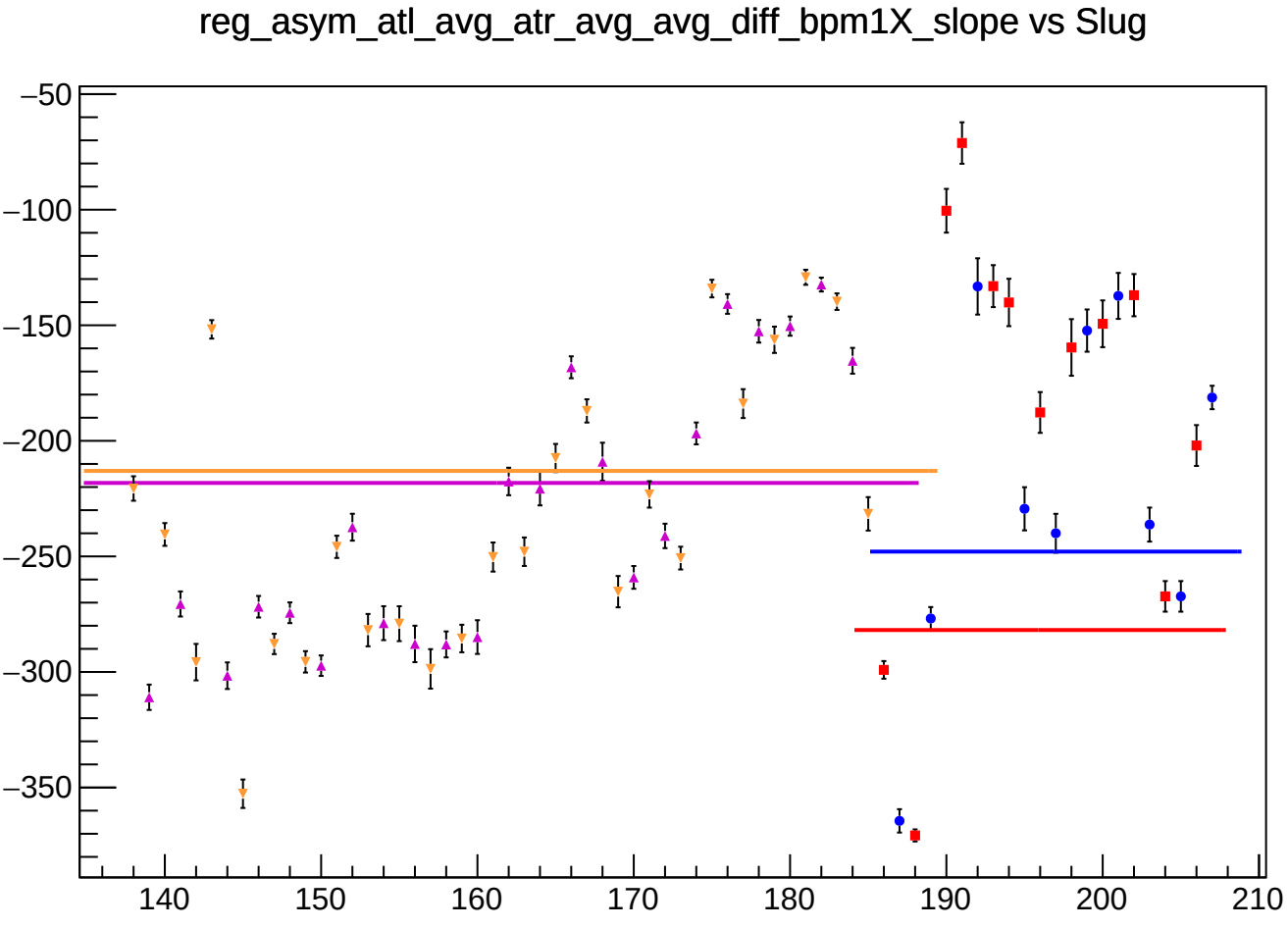
Right Out: 2.462+/-0.026 χ^2/NDF: 426412.2/29

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

+ sign 2.575+/-0.011 χ^2/NDF: 951745.6/51

All: 2.861+/-0.008 χ^2/NDF: 1790030.7/104

- sign 3.146+/-0.011 χ^2/NDF: 836841.4/52



Right In: -247.920+/-2.160 χ^2/NDF: 1074.5/9

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -281.855+/-1.721 χ^2/NDF: 3280.1/11

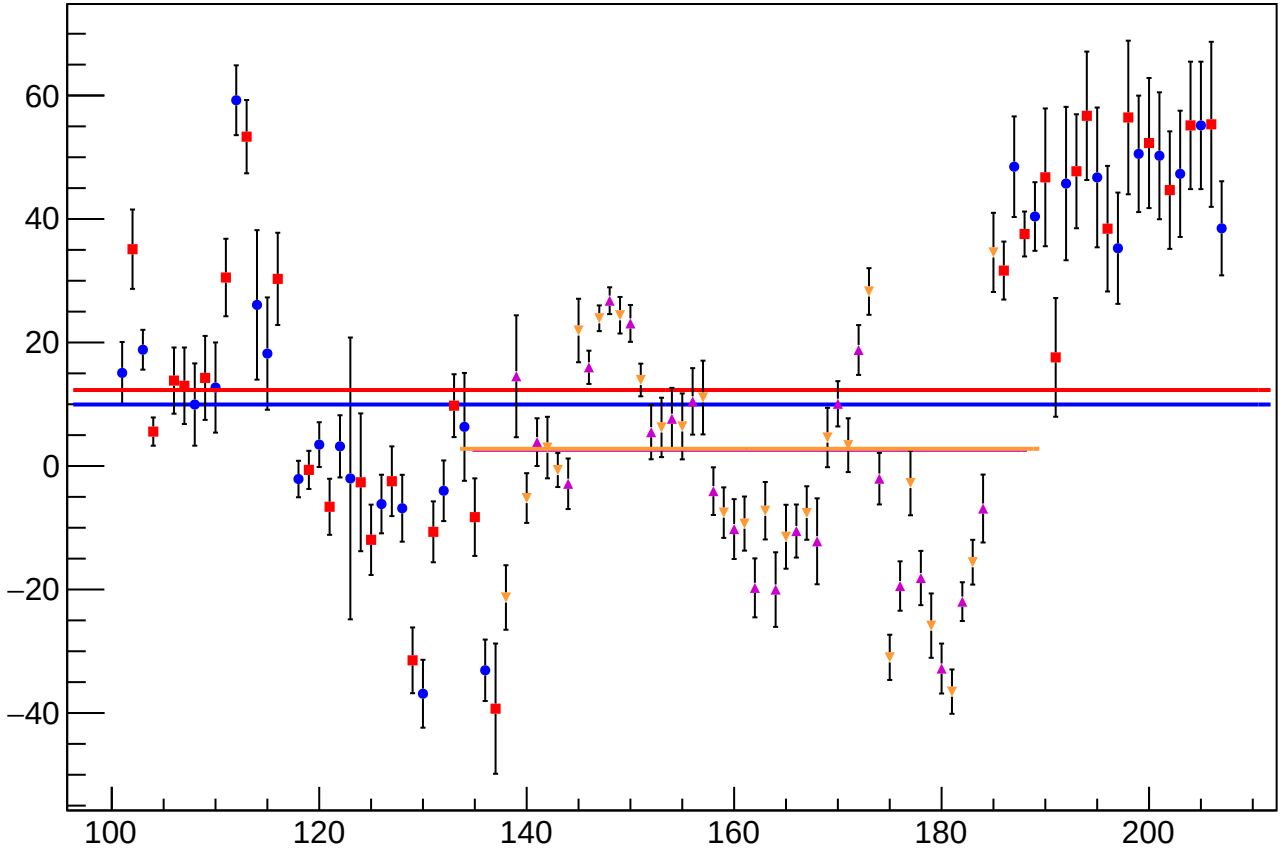
Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

+ sign -219.543+/-0.934 χ^2/NDF: 5113.0/34

All: -227.924+/-0.650 χ^2/NDF: 13038.1/69

- sign -235.786+/-0.904 χ^2/NDF: 7768.9/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 9.958+/-1.120 χ^2/NDF: 445.7/26

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 12.304+/-1.024 χ^2/NDF: 450.1/29

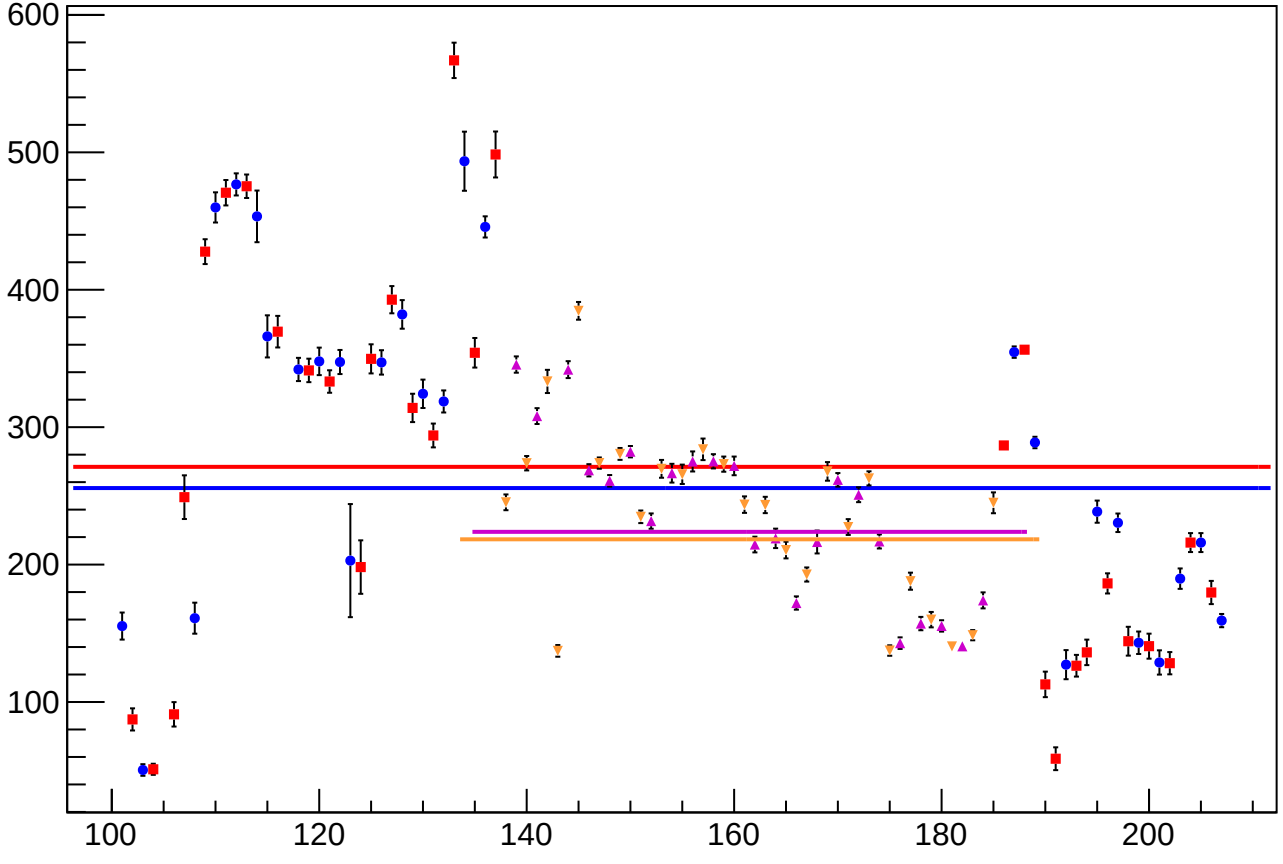
Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

+ sign 5.129+/-0.640 χ^2/NDF: 1055.4/51

All: 5.768+/-0.453 χ^2/NDF: 2039.6/104

- sign 6.408+/-0.640 χ^2/NDF: 982.2/52

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 255.691+/-1.444 χ^2/NDF: 6885.5/26

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 271.128+/-1.188 χ^2/NDF: 10607.5/29

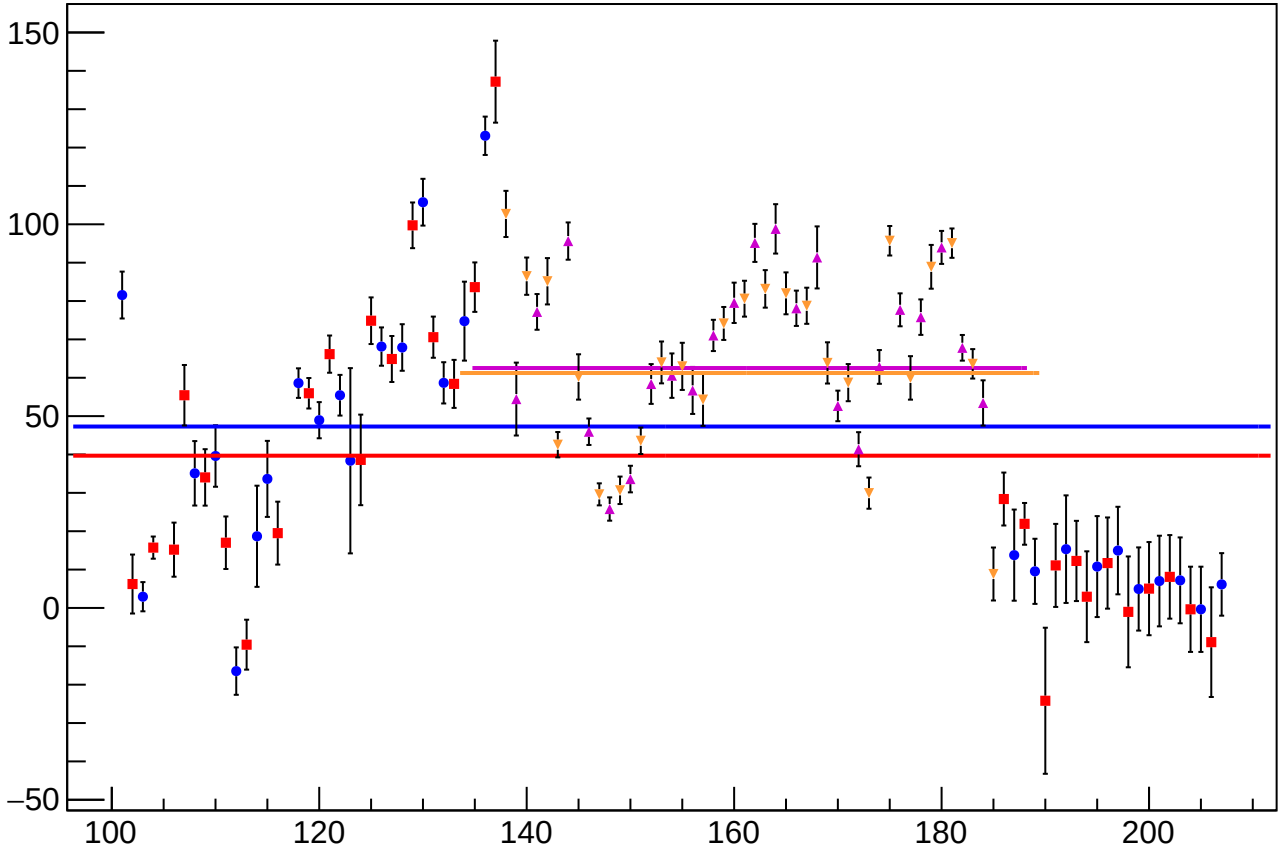
Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

+ sign 231.097+/-0.843 χ^2/NDF: 11022.4/51

All: 238.368+/-0.576 χ^2/NDF: 26098.4/104

- sign 244.762+/-0.790 χ^2/NDF: 14936.1/52

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 47.289+/-1.311 χ^2/NDF: 789.4/26

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 39.688+/-1.228 χ^2/NDF: 652.6/29

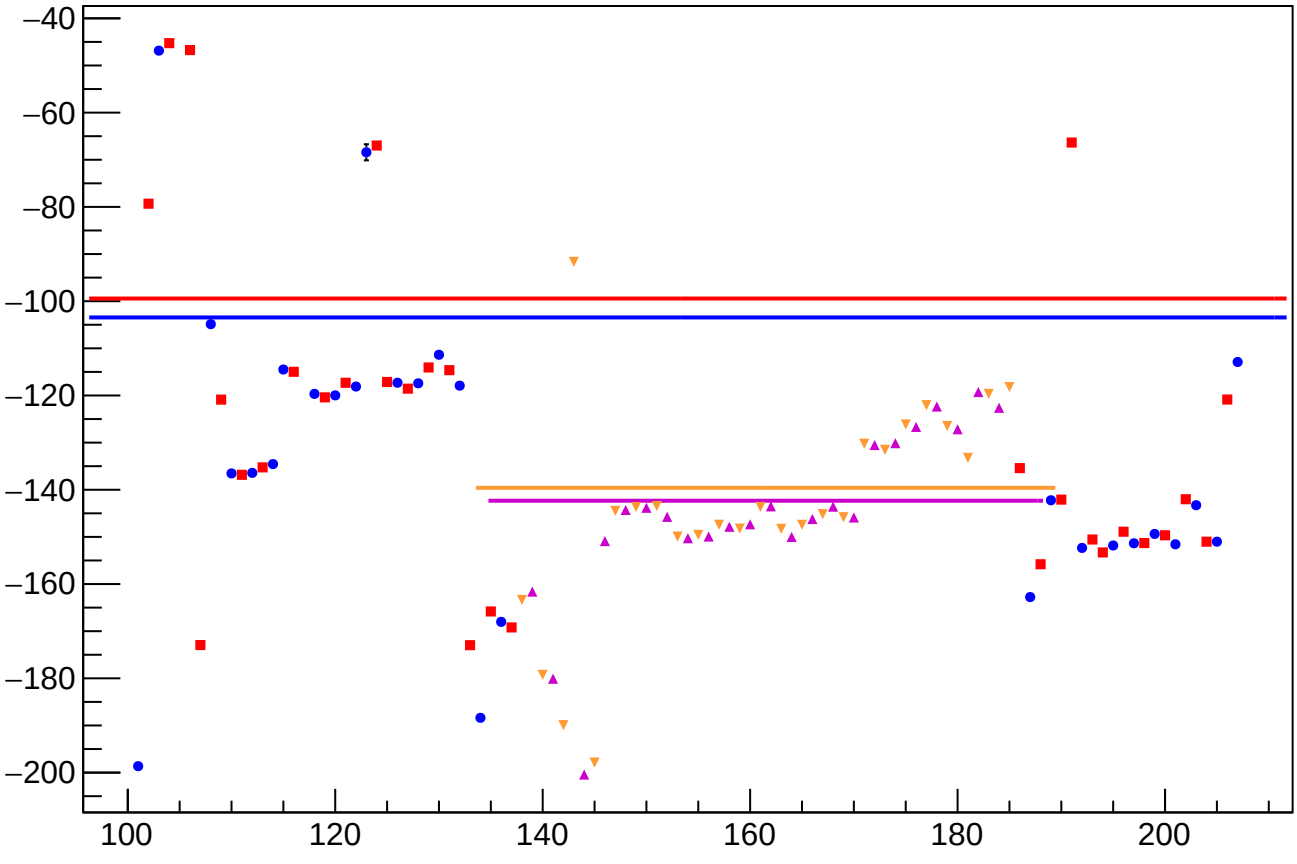
Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

+ sign 56.753+/-0.743 χ^2/NDF: 1585.1/51

All: 55.430+/-0.527 χ^2/NDF: 2982.3/104

- sign 54.095+/-0.747 χ^2/NDF: 1390.8/52

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -103.447+/-0.059 χ^2/NDF: 690820.2/26

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -99.433+/-0.056 χ^2/NDF: 726903.2/29

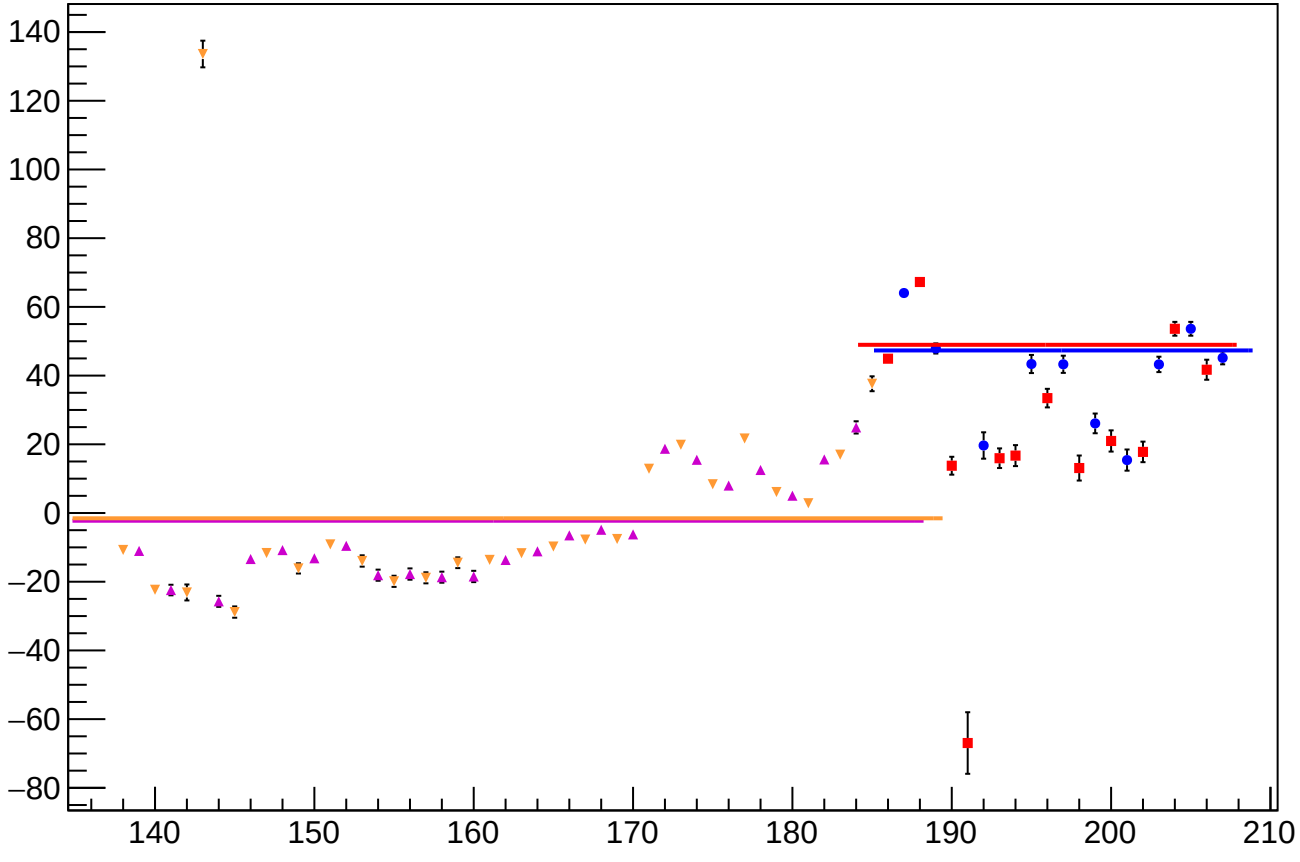
Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

+ sign -127.030+/-0.035 χ^2/NDF: 1178974.3/51

All: -126.445+/-0.024 χ^2/NDF: 2417170.6/10

- sign -125.872+/-0.034 χ^2/NDF: 1237638.1/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 47.321+/-0.659 χ^2/NDF: 377.4/9

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 48.961+/-0.489 χ^2/NDF: 1506.7/11

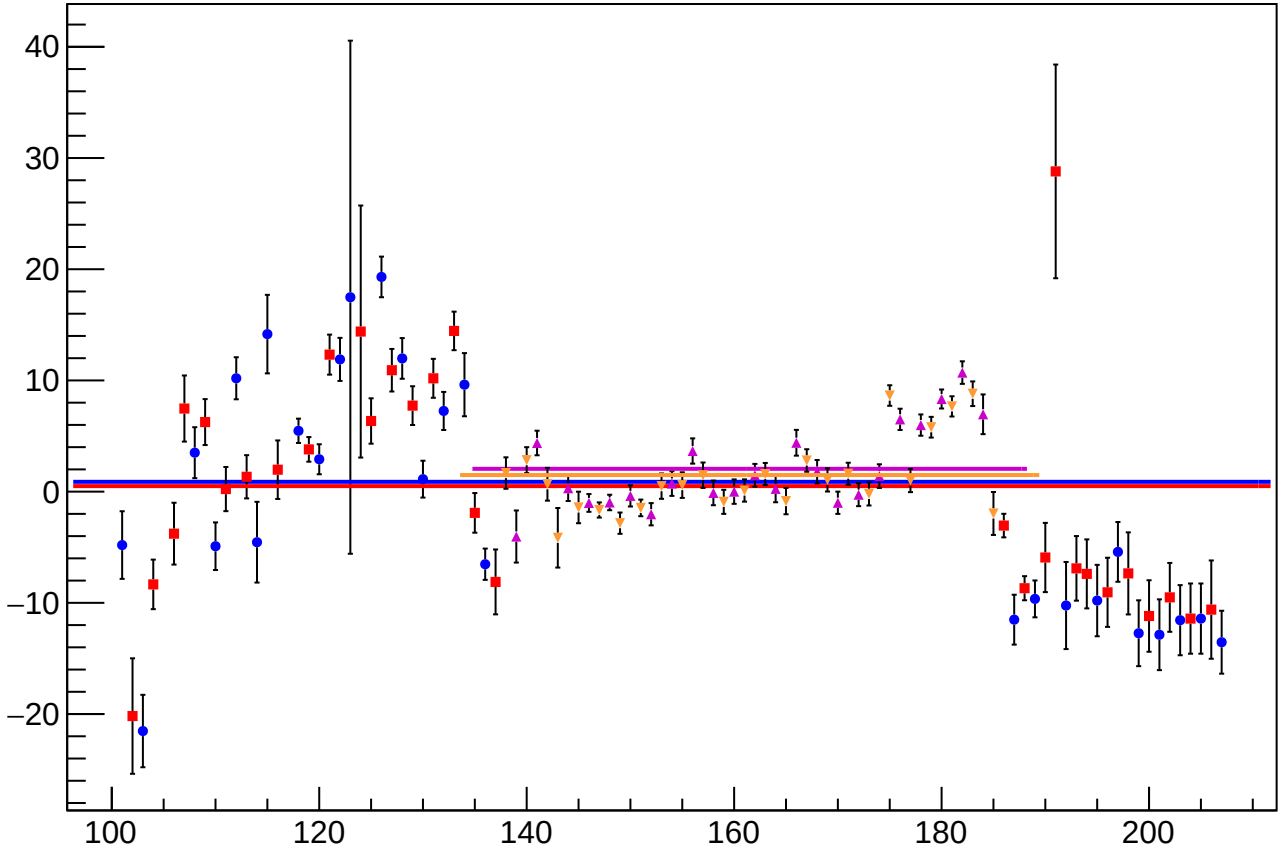
Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

+ sign 5.377+/-0.248 χ^2/NDF: 9222.1/34

All: 7.647+/-0.171 χ^2/NDF: 21869.7/69

- sign 9.702+/-0.236 χ^2/NDF: 12488.0/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 0.883+/-0.407 χ^2/NDF: 534.7/26

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 0.496+/-0.377 χ^2/NDF: 429.6/29

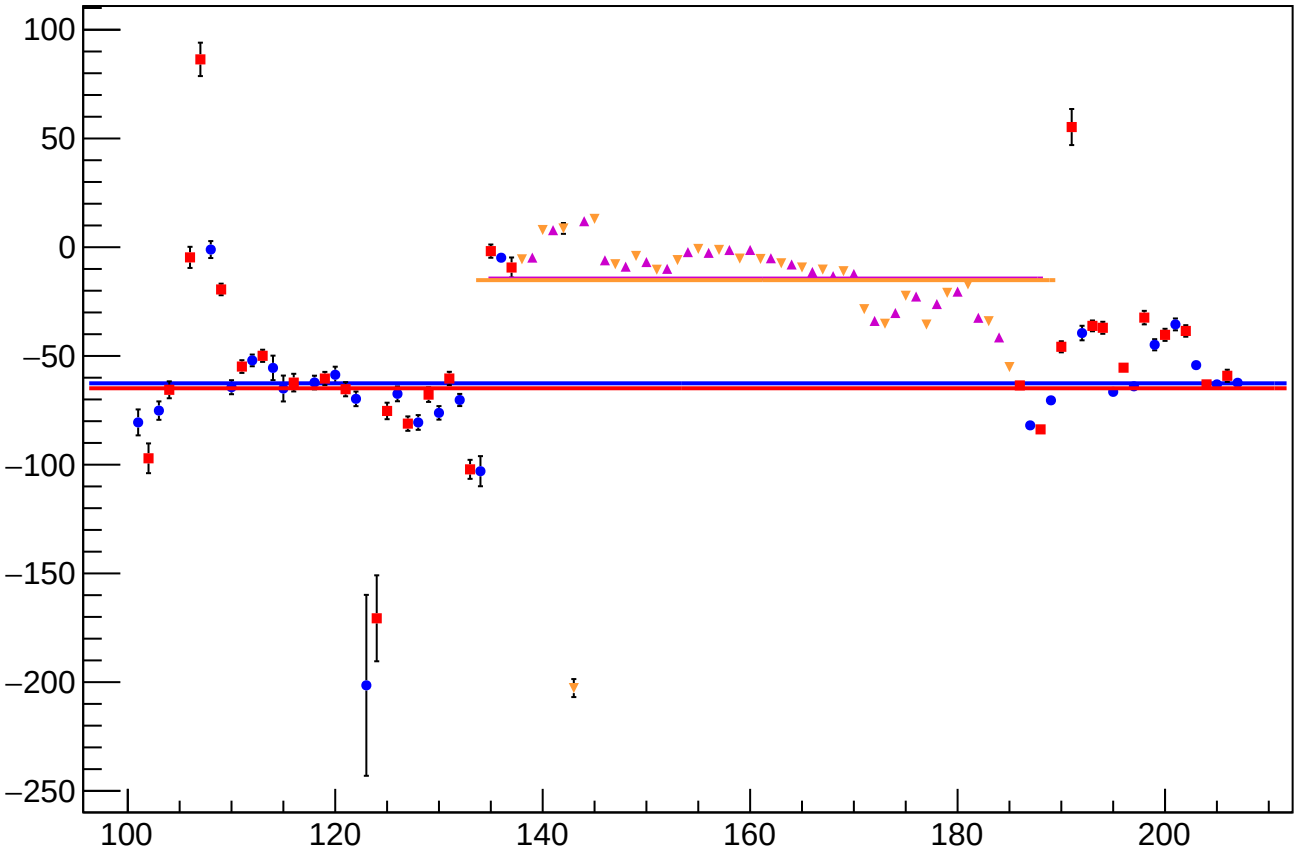
Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

+ sign 1.363+/-0.187 χ^2/NDF: 794.8/51

All: 1.517+/-0.132 χ^2/NDF: 1514.0/104

- sign 1.670+/-0.187 χ^2/NDF: 717.8/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -62.584+/-0.482 χ^2/NDF: 1640.1/26

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -64.869+/-0.367 χ^2/NDF: 3341.1/29

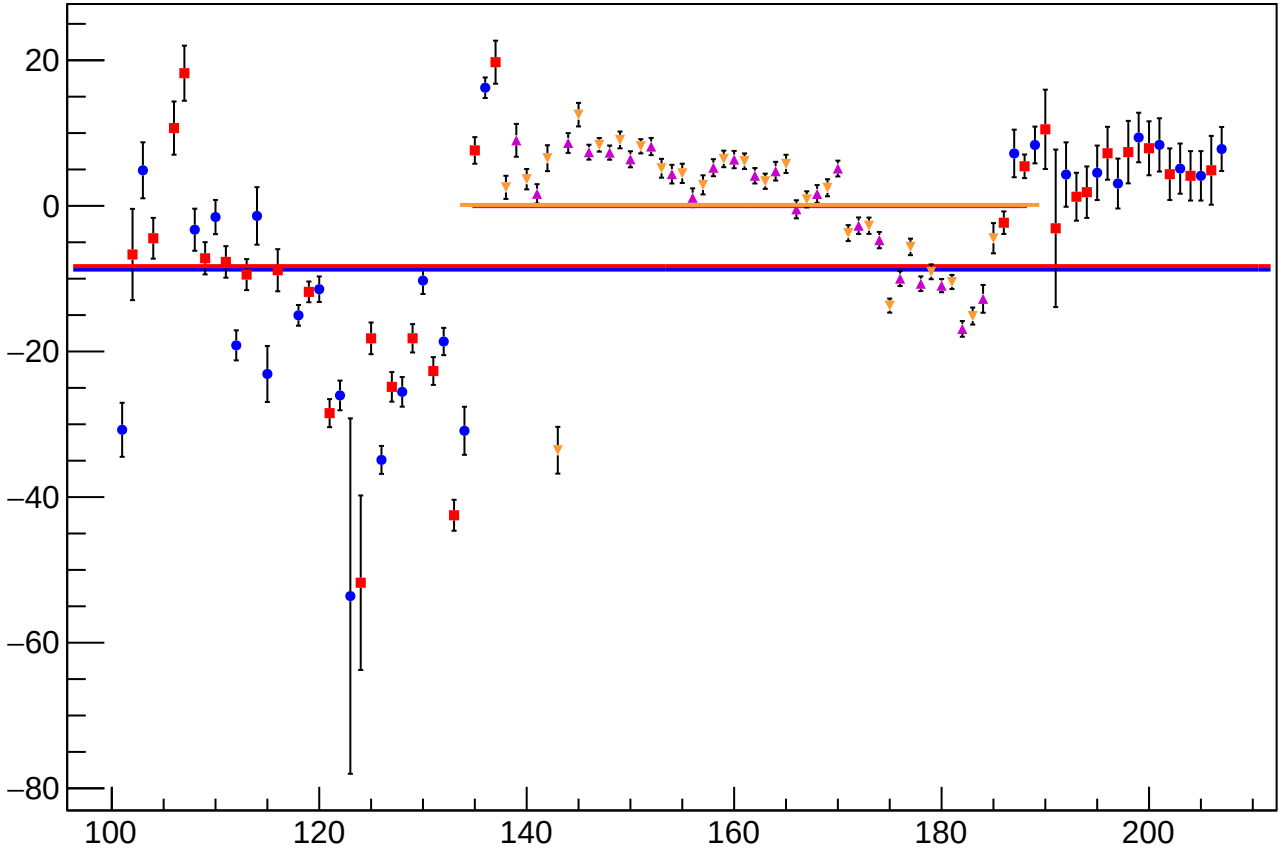
Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

+ sign -26.286+/-0.233 χ^2/NDF: 13517.8/51

All: -29.334+/-0.159 χ^2/NDF: 31557.9/104

- sign -31.956+/-0.217 χ^2/NDF: 17722.9/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -8.752+/-0.474 χ^2/NDF: 1055.3/26

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -8.277+/-0.453 χ^2/NDF: 1001.5/29

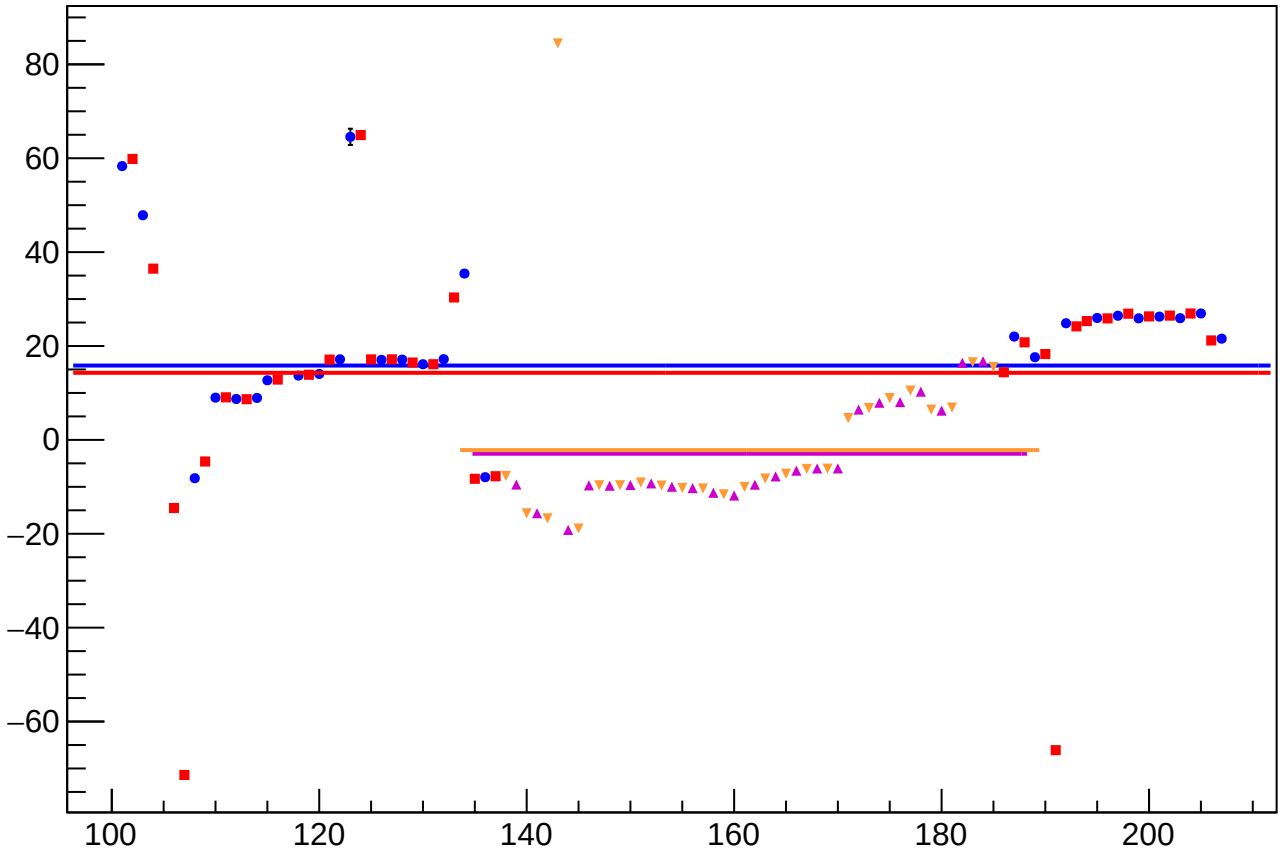
Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

+ sign -1.663+/-0.213 χ^2/NDF: 2483.0/51

All: -1.766+/-0.151 χ^2/NDF: 4769.9/104

- sign -1.870+/-0.214 χ^2/NDF: 2286.5/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 15.838+/-0.024 χ^2/NDF: 469241.1/26

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 14.289+/-0.023 χ^2/NDF: 740902.4/29

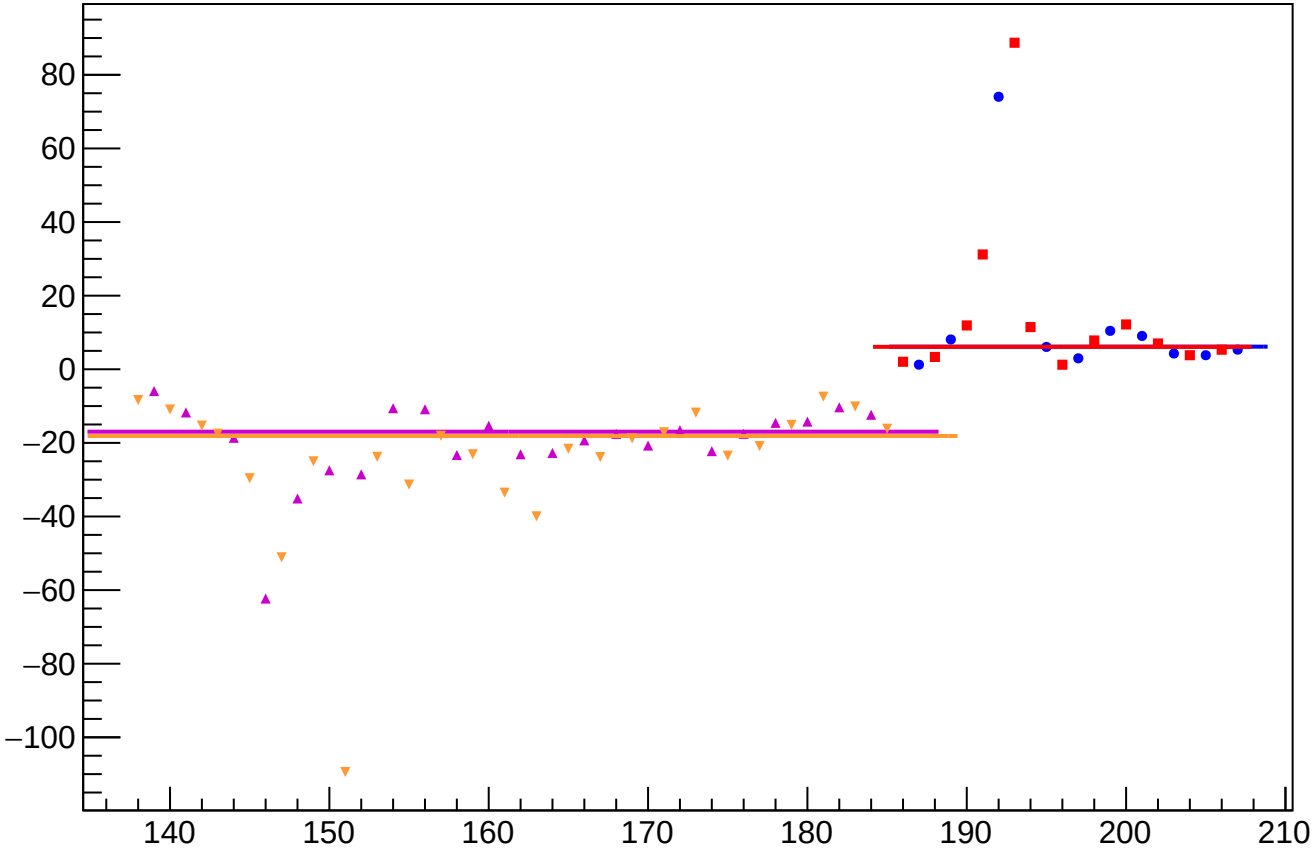
Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

+ sign 0.947+/-0.010 χ^2/NDF: 1988041.4/51

All: 0.582+/-0.007 χ^2/NDF: 3957828.4/104

- sign 0.220+/-0.010 χ^2/NDF: 1967095.4/52

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 6.148+/-0.065 χ^2/NDF: 12171.4/9

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 6.092+/-0.061 χ^2/NDF: 25748.3/11

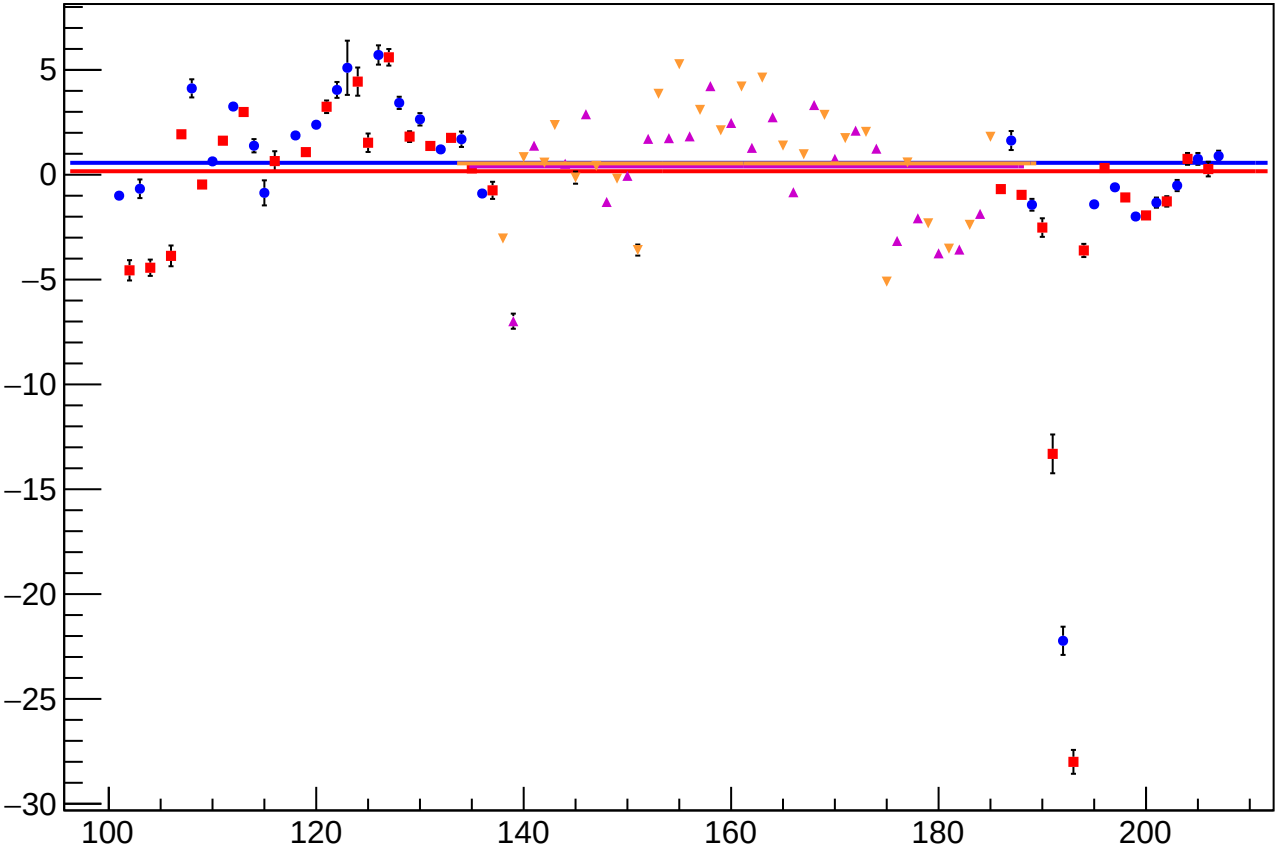
Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

+ sign -11.756+/-0.033 χ^2/NDF: 202601.6/34

All: -11.130+/-0.023 χ^2/NDF: 376119.6/69

- sign -10.547+/-0.032 χ^2/NDF: 172842.5/34

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 0.569+/-0.049 χ^2/NDF: 2494.9/26

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.167+/-0.046 χ^2/NDF: 4255.3/29

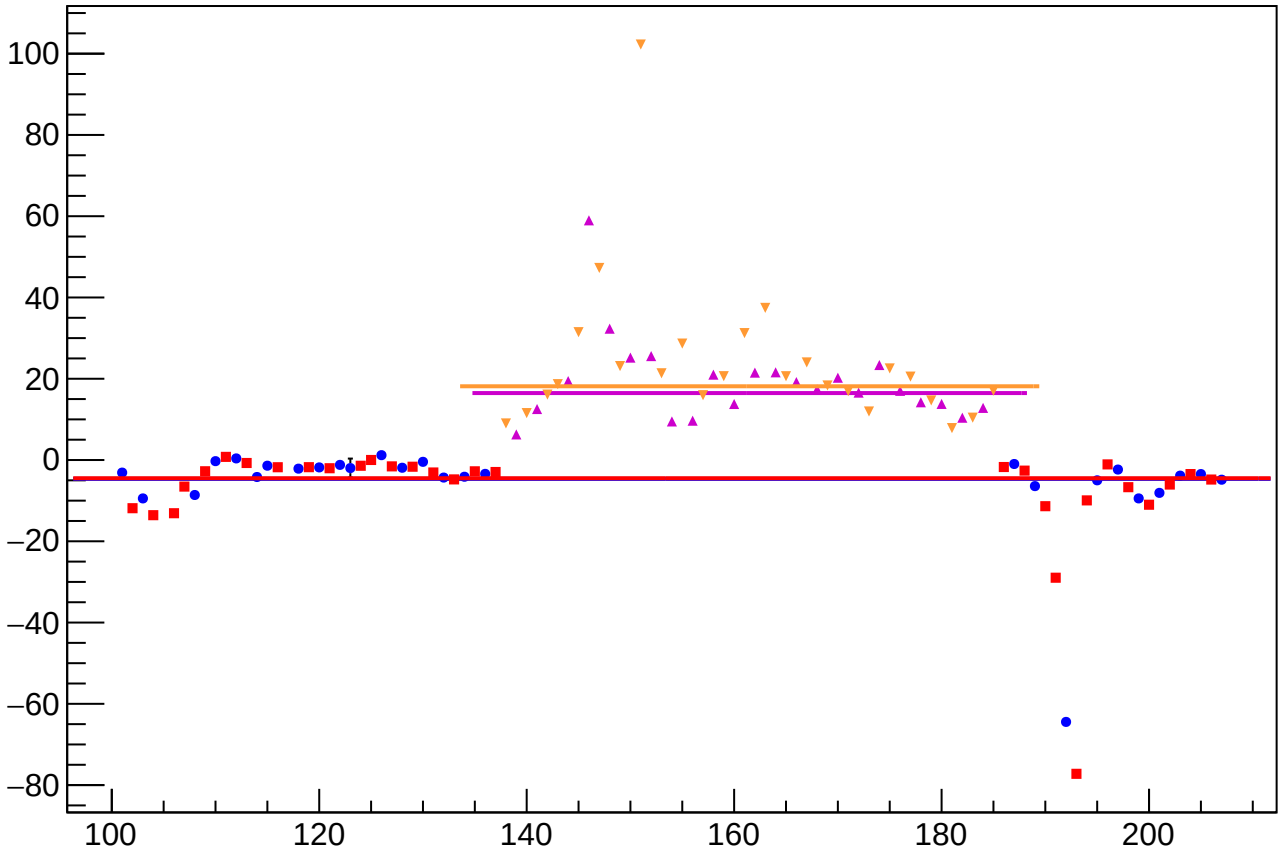
Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

+ sign 0.551+/-0.027 χ^2/NDF: 9562.7/51

All: 0.433+/-0.019 χ^2/NDF: 20157.8/104

- sign 0.328+/-0.026 χ^2/NDF: 10559.0/52

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -4.642+/-0.052 χ^2/NDF: 13380.8/26

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.487+/-0.047 χ^2/NDF: 27618.8/29

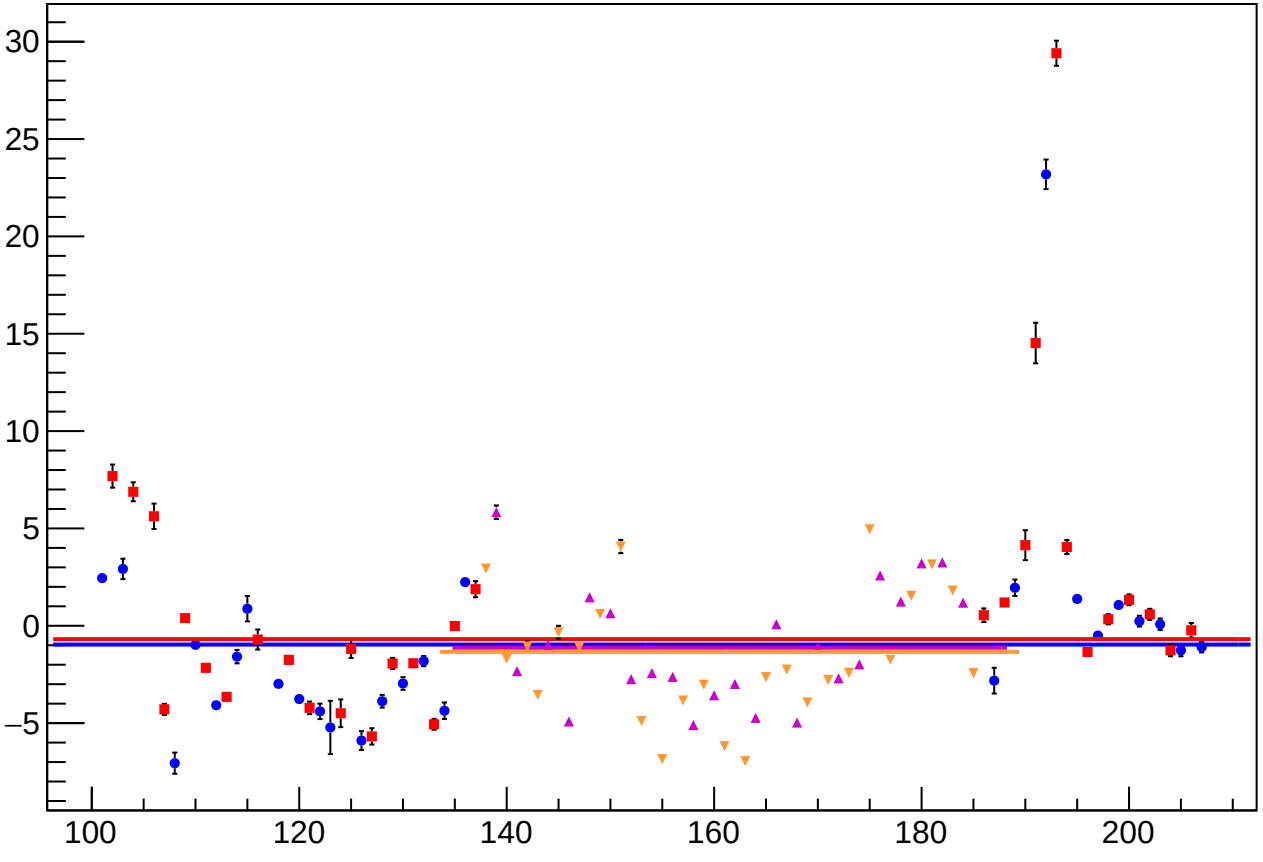
Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

+ sign 9.882+/-0.031 χ^2/NDF: 214164.1/51

All: 8.987+/-0.021 χ^2/NDF: 407206.2/104

- sign 8.202+/-0.029 χ^2/NDF: 191500.9/52

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -0.965+/-0.056 χ^2/NDF: 2735.8/26

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.689+/-0.054 χ^2/NDF: 4460.1/29

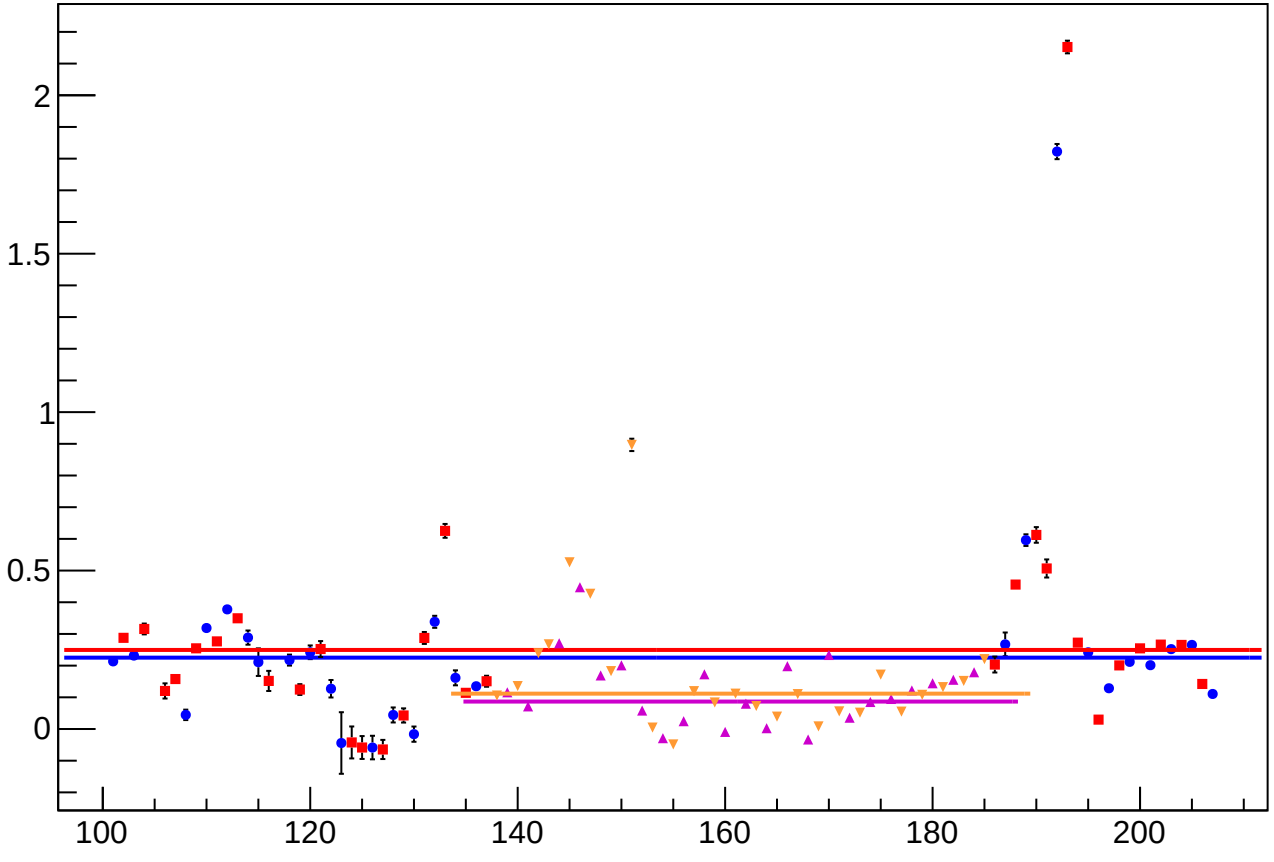
Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

+ sign -1.230+/-0.030 χ^2/NDF: 10687.7/51

All: -1.111+/-0.021 χ^2/NDF: 22003.4/104

- sign -1.003+/-0.029 χ^2/NDF: 11286.3/52

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.225+/-0.002 χ^2/NDF: 5879.3/26

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.249+/-0.002 χ^2/NDF: 11698.8/29

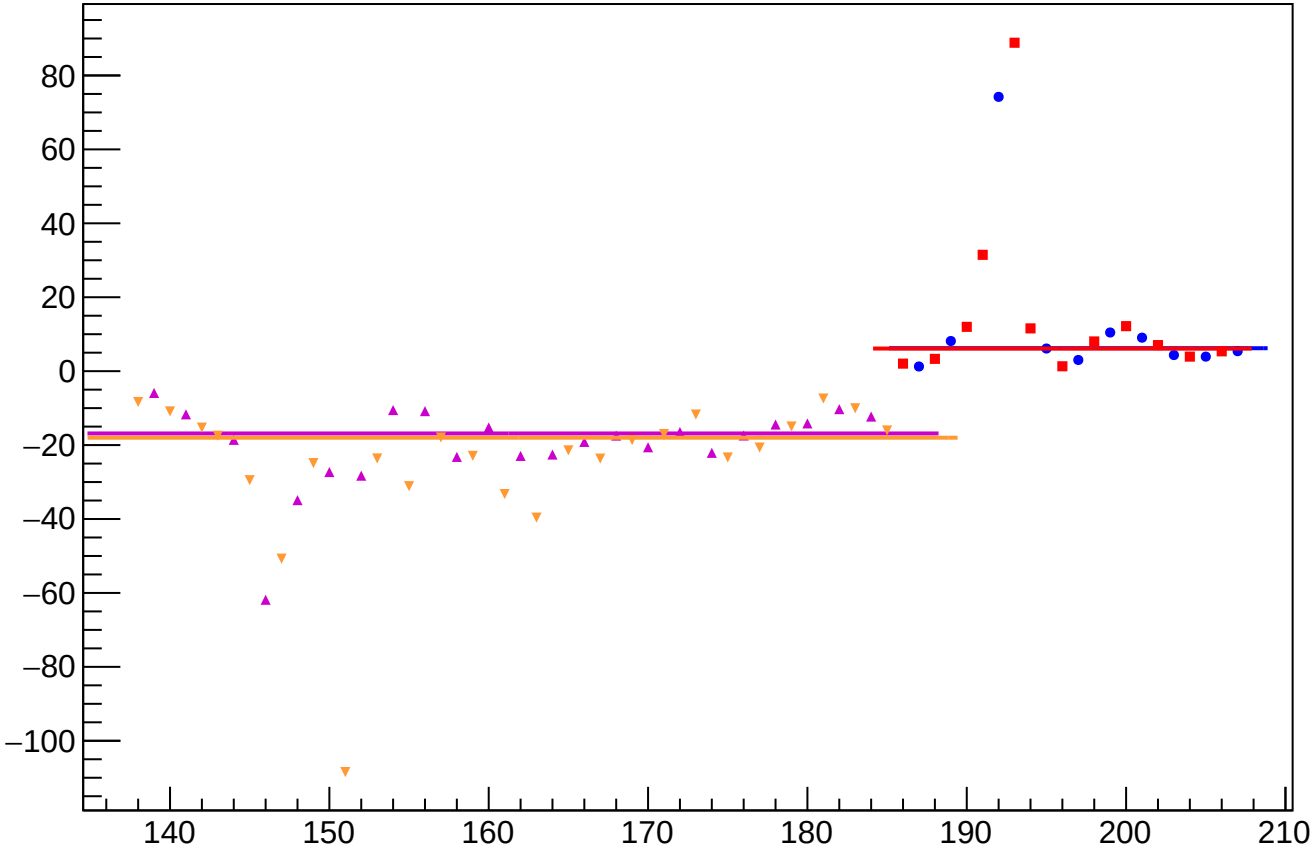
Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

+ sign 0.145+/-0.001 χ^2/NDF: 11803.7/51

All: 0.138+/-0.001 χ^2/NDF: 30479.8/104

- sign 0.131+/-0.001 χ^2/NDF: 18624.4/52

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 6.208+/-0.065 χ^2/NDF: 12284.5/9

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.119+/-0.061 χ^2/NDF: 26089.4/11

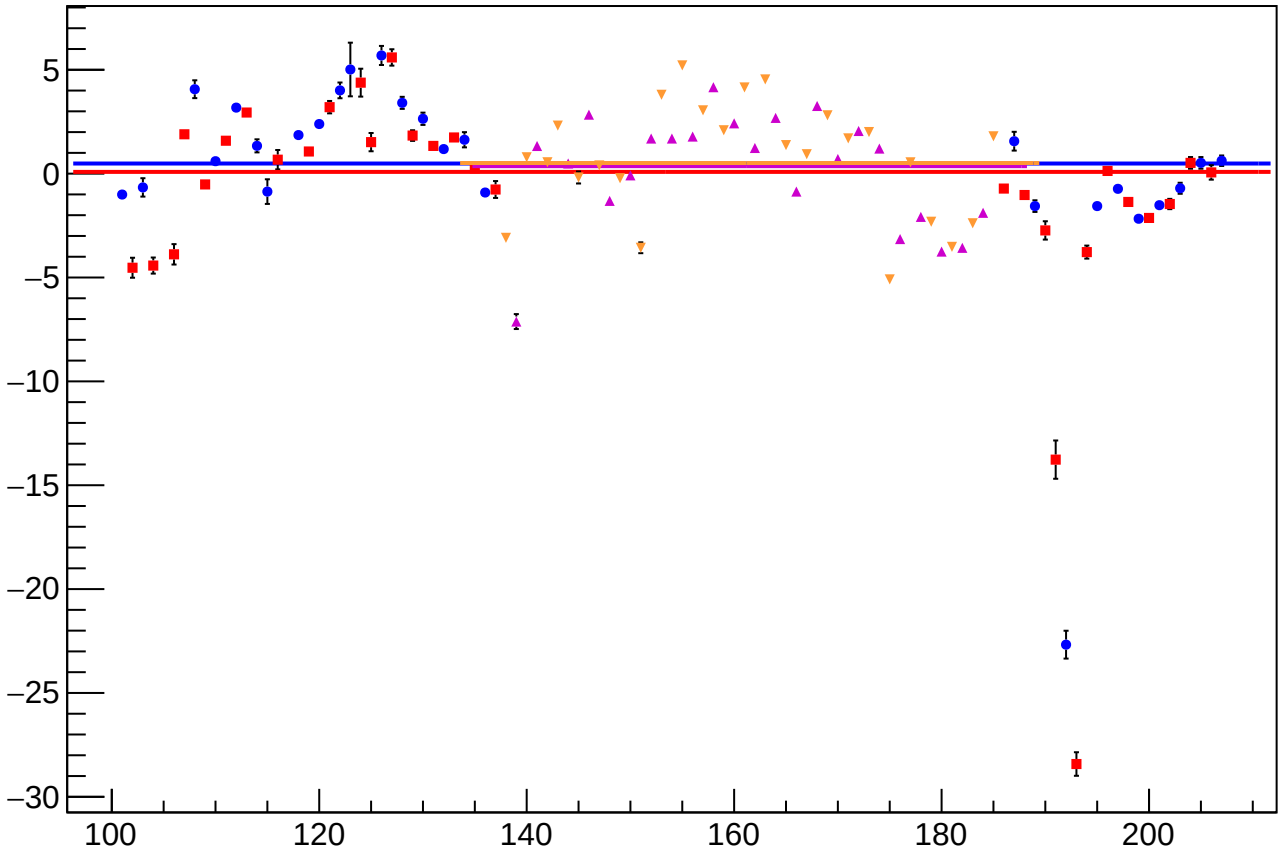
Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

+ sign -11.669+/-0.033 χ^2/NDF: 203139.6/34

All: -11.041+/-0.023 χ^2/NDF: 377742.6/69

- sign -10.456+/-0.032 χ^2/NDF: 173913.6/34

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.487+/-0.048 χ^2/NDF: 2607.6/26

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.085+/-0.046 χ^2/NDF: 4421.3/29

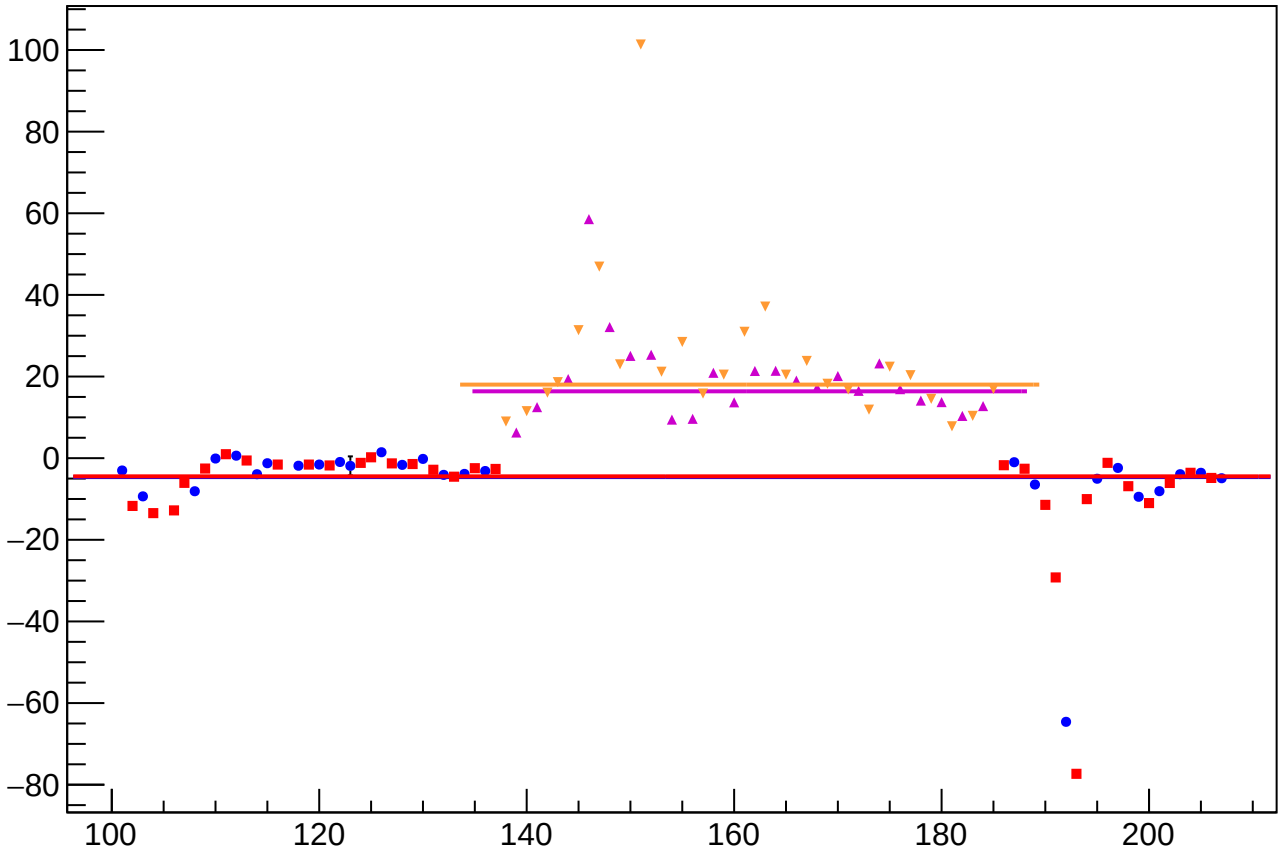
Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

+ sign 0.504+/-0.027 χ^2/NDF: 9660.8/51

All: 0.384+/-0.018 χ^2/NDF: 20418.3/104

- sign 0.277+/-0.025 χ^2/NDF: 10719.7/52

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -4.631+/-0.052 χ^2/NDF: 13617.9/26

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -4.452+/-0.046 χ^2/NDF: 28083.8/29

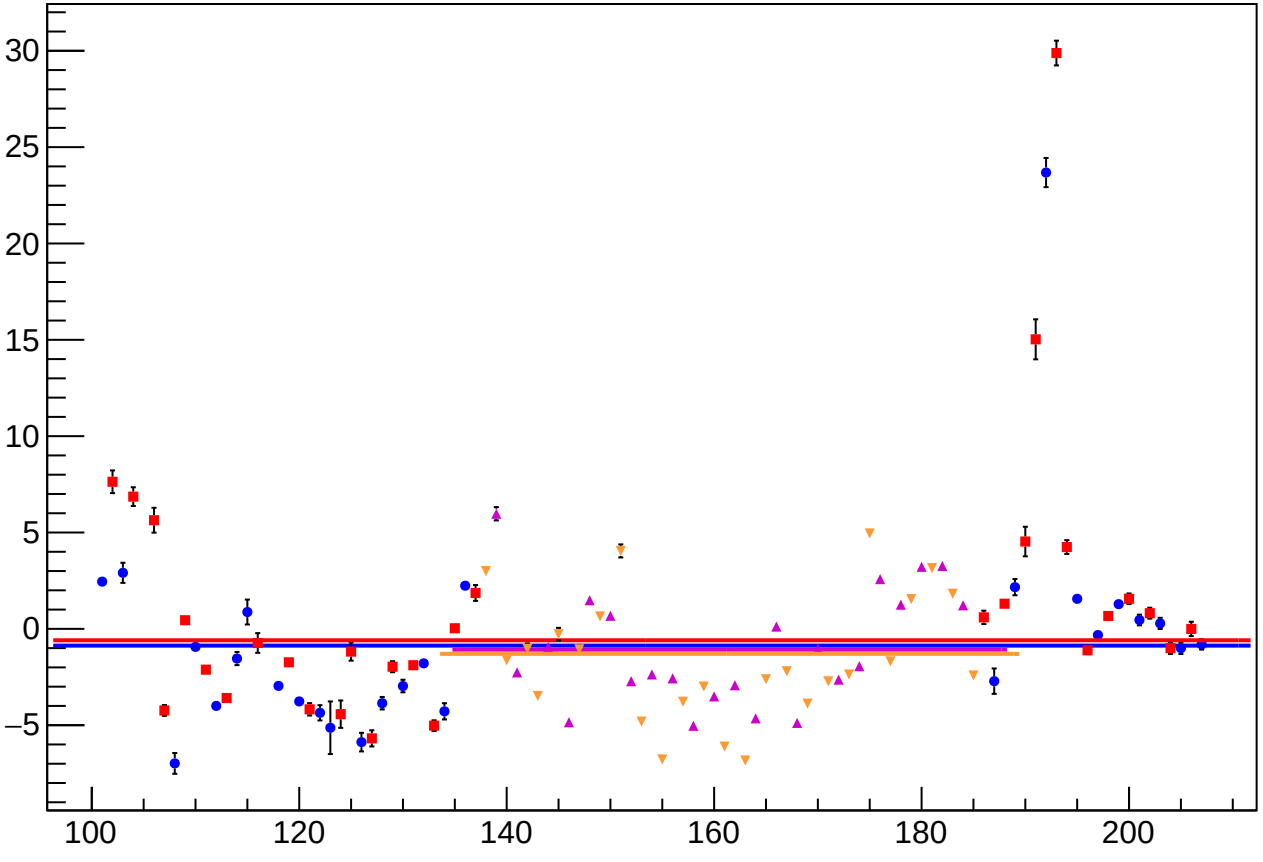
Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

+ sign 9.830+/-0.031 χ^2/NDF: 214215.4/51

All: 8.934+/-0.021 χ^2/NDF: 407834.1/104

- sign 8.147+/-0.029 χ^2/NDF: 192053.3/52

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.870+/-0.056 χ^2/NDF: 2827.1/26

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.593+/-0.054 χ^2/NDF: 4616.2/29

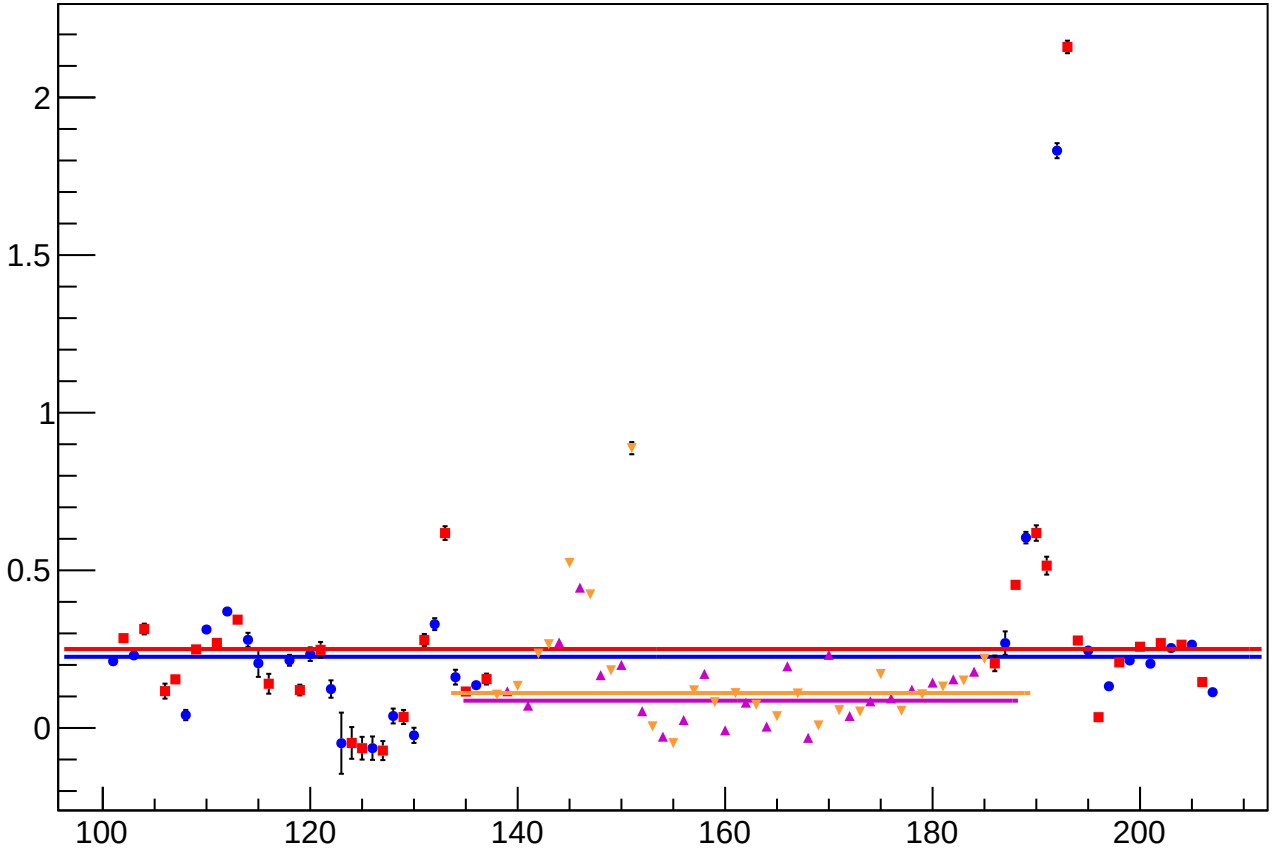
Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

+ sign -1.174+/-0.030 χ^2/NDF: 10771.7/51

All: -1.052+/-0.021 χ^2/NDF: 22242.1/104

- sign -0.942+/-0.029 χ^2/NDF: 11439.3/52

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.226+/-0.002 χ^2/NDF: 5962.4/26

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.250+/-0.002 χ^2/NDF: 11833.8/29

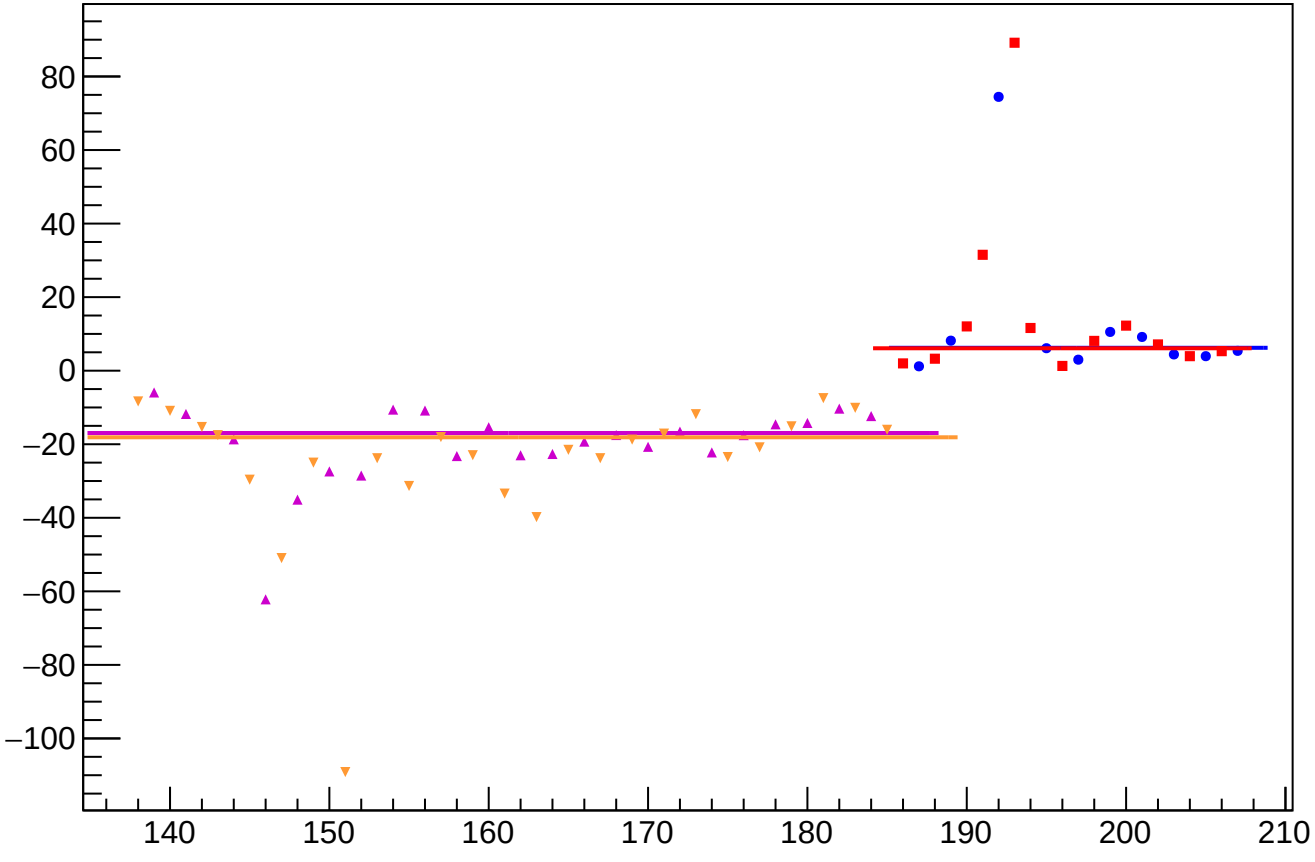
Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

+ sign 0.144+/-0.001 χ^2/NDF: 11927.1/51

All: 0.138+/-0.001 χ^2/NDF: 30777.5/104

- sign 0.132+/-0.001 χ^2/NDF: 18802.4/52

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 6.225+/-0.065 χ^2/NDF: 12302.6/9

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 6.093+/-0.061 χ^2/NDF: 26126.2/11

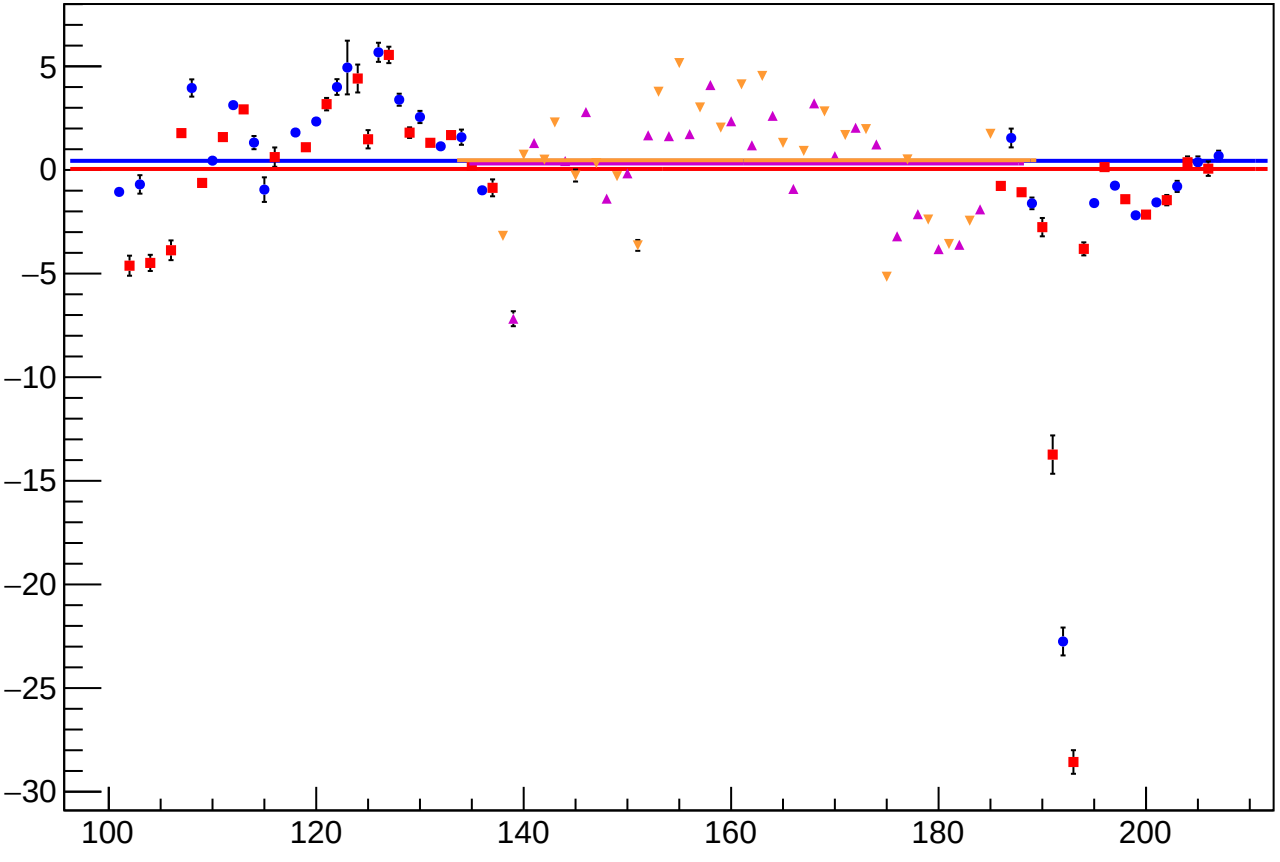
Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

+ sign -11.772+/-0.033 χ^2/NDF: 203027.4/34

All: -11.123+/-0.023 χ^2/NDF: 377694.7/69

- sign -10.521+/-0.032 χ^2/NDF: 173939.5/34

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.440+/-0.049 χ^2/NDF: 2590.8/26

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.048+/-0.046 χ^2/NDF: 4414.5/29

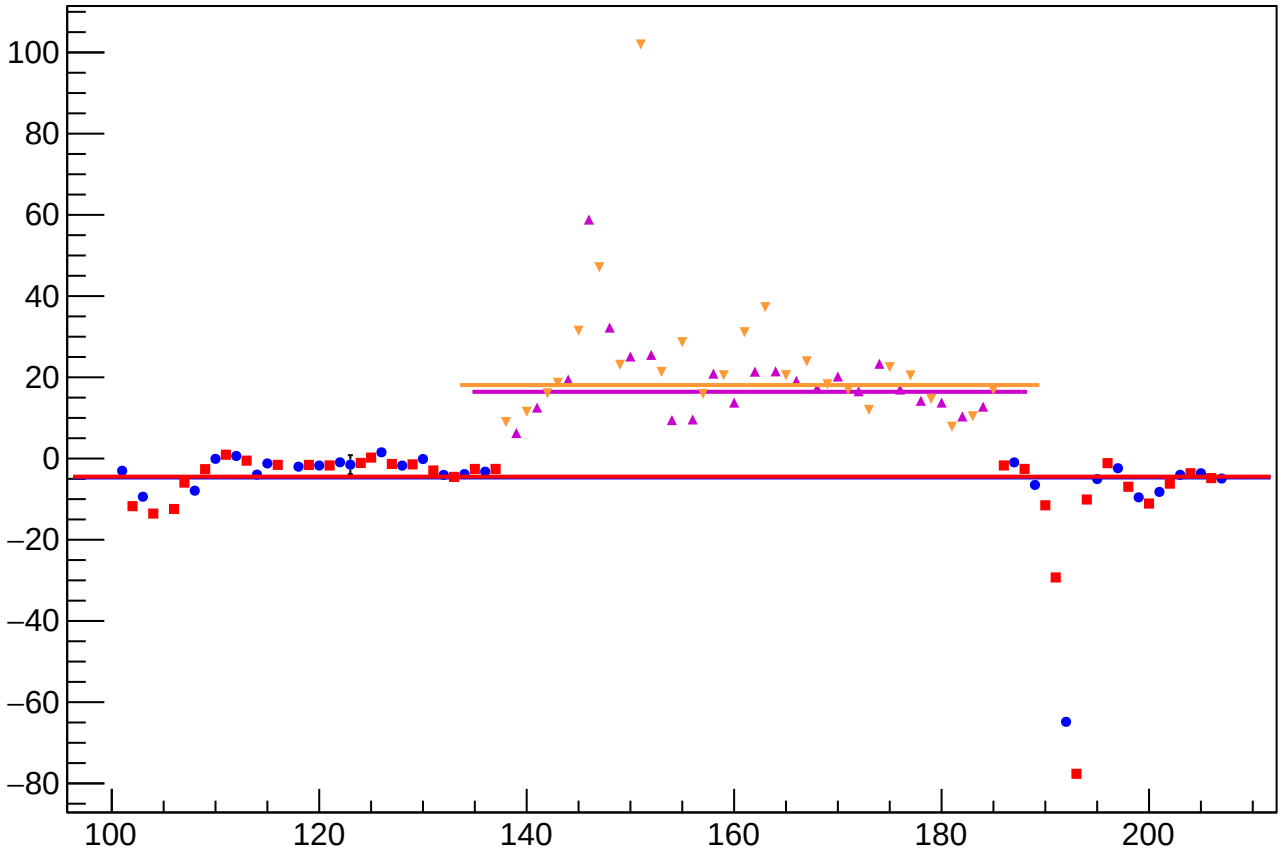
Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

+ sign 0.460+/-0.027 χ^2/NDF: 9667.8/51

All: 0.340+/-0.019 χ^2/NDF: 20378.0/104

- sign 0.232+/-0.025 χ^2/NDF: 10672.4/52

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -4.666+/-0.052 χ^2/NDF: 13639.1/26

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -4.462+/-0.046 χ^2/NDF: 28101.8/29

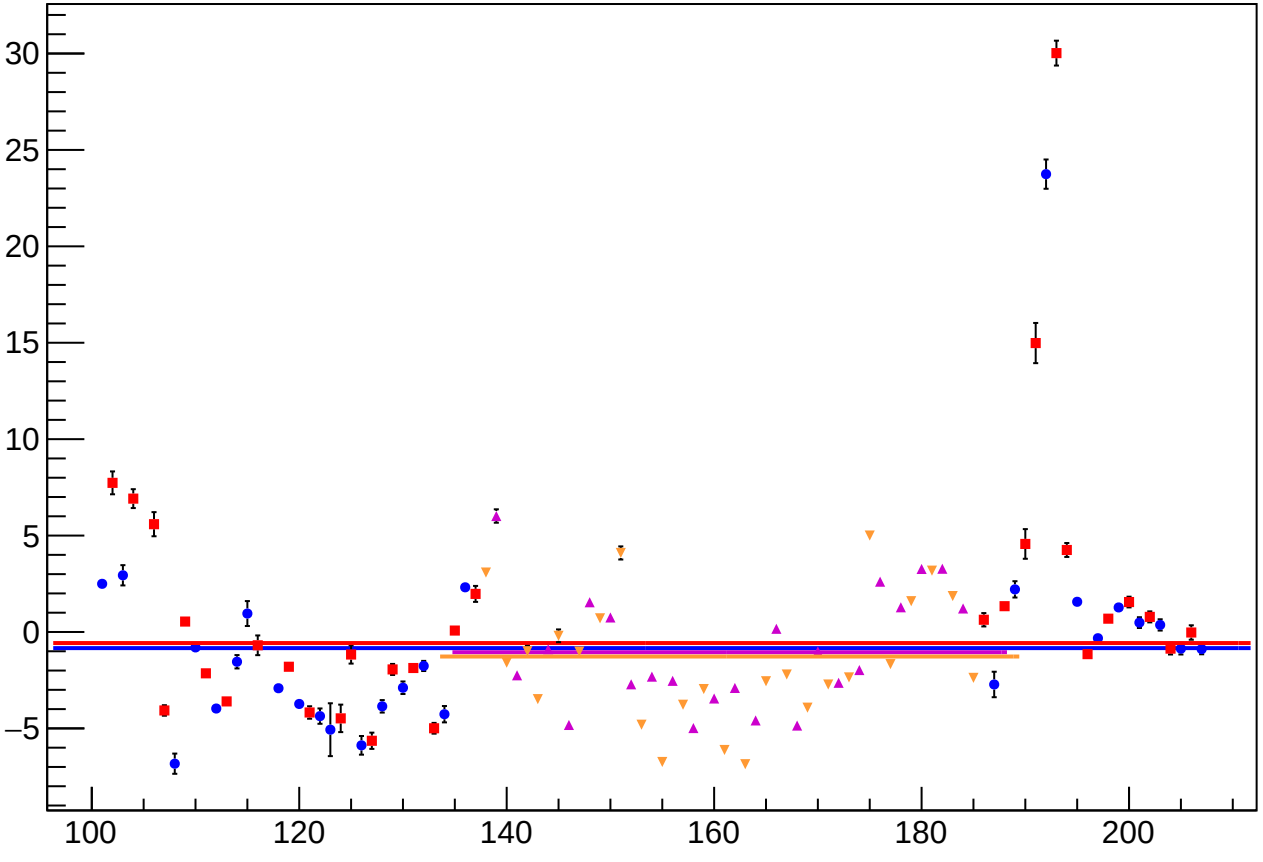
Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

+ sign 9.891+/-0.031 χ^2/NDF: 214101.5/51

All: 8.972+/-0.021 χ^2/NDF: 407804.4/104

- sign 8.168+/-0.029 χ^2/NDF: 192077.2/52

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.837+/-0.056 χ^2/NDF: 2815.8/26

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.574+/-0.054 χ^2/NDF: 4613.7/29

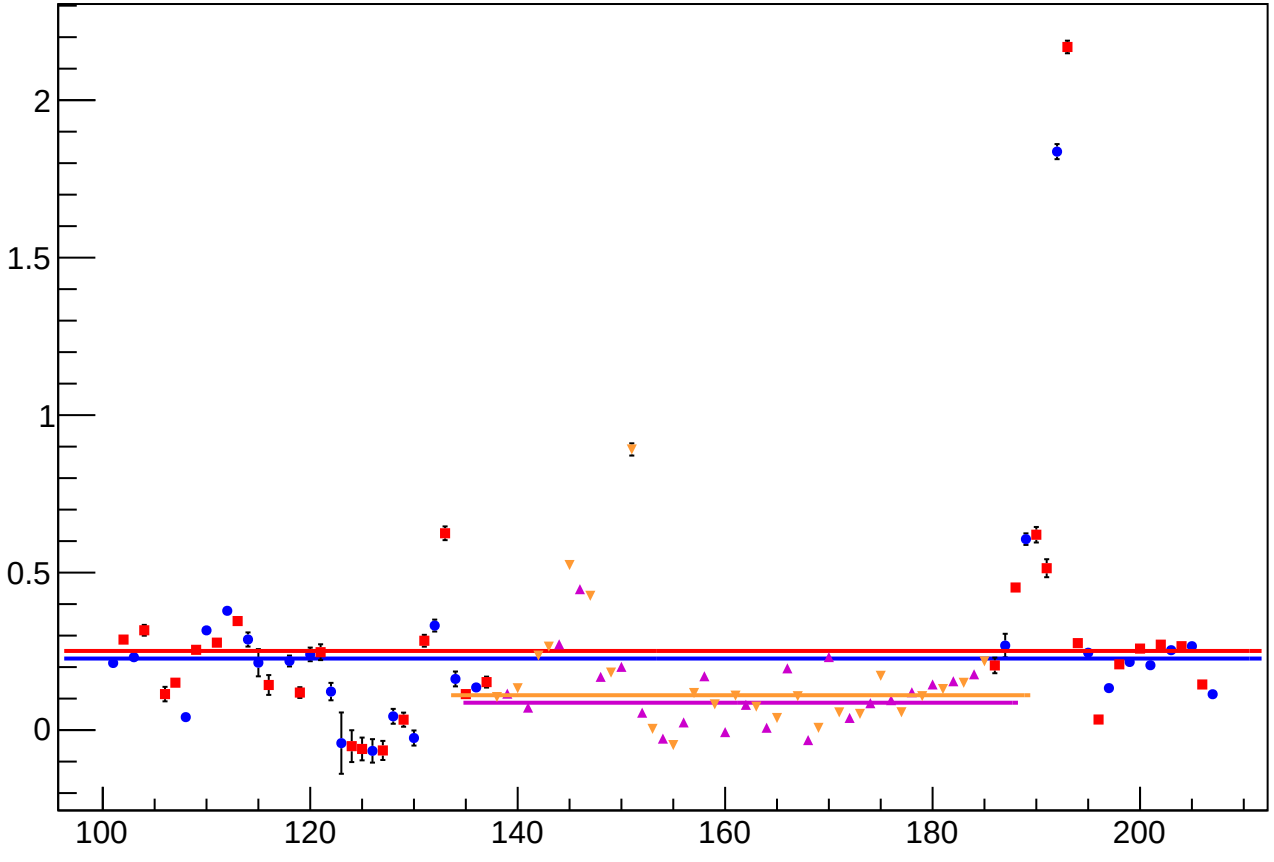
Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

+ sign -1.147+/-0.030 χ^2/NDF: 10789.4/51

All: -1.025+/-0.021 χ^2/NDF: 22203.0/104

- sign -0.915+/-0.029 χ^2/NDF: 11382.5/52

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.227+/-0.003 χ^2/NDF: 5977.3/26

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.251+/-0.002 χ^2/NDF: 11850.9/29

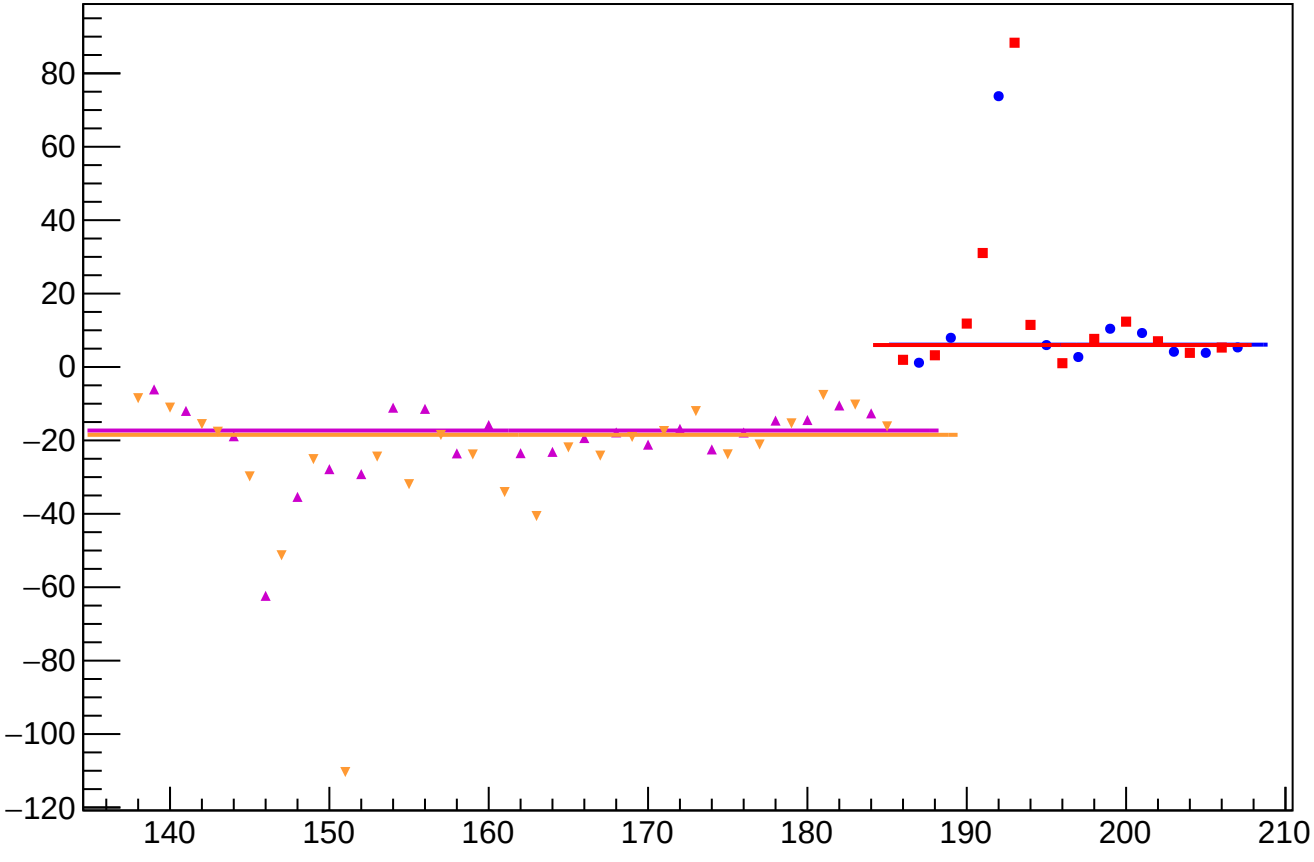
Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

+ sign 0.145+/-0.001 χ^2/NDF: 11945.6/51

All: 0.138+/-0.001 χ^2/NDF: 30777.3/104

- sign 0.132+/-0.001 χ^2/NDF: 18786.0/52

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 6.088+/-0.066 χ^2/NDF: 12106.2/9

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 5.986+/-0.061 χ^2/NDF: 25650.2/11

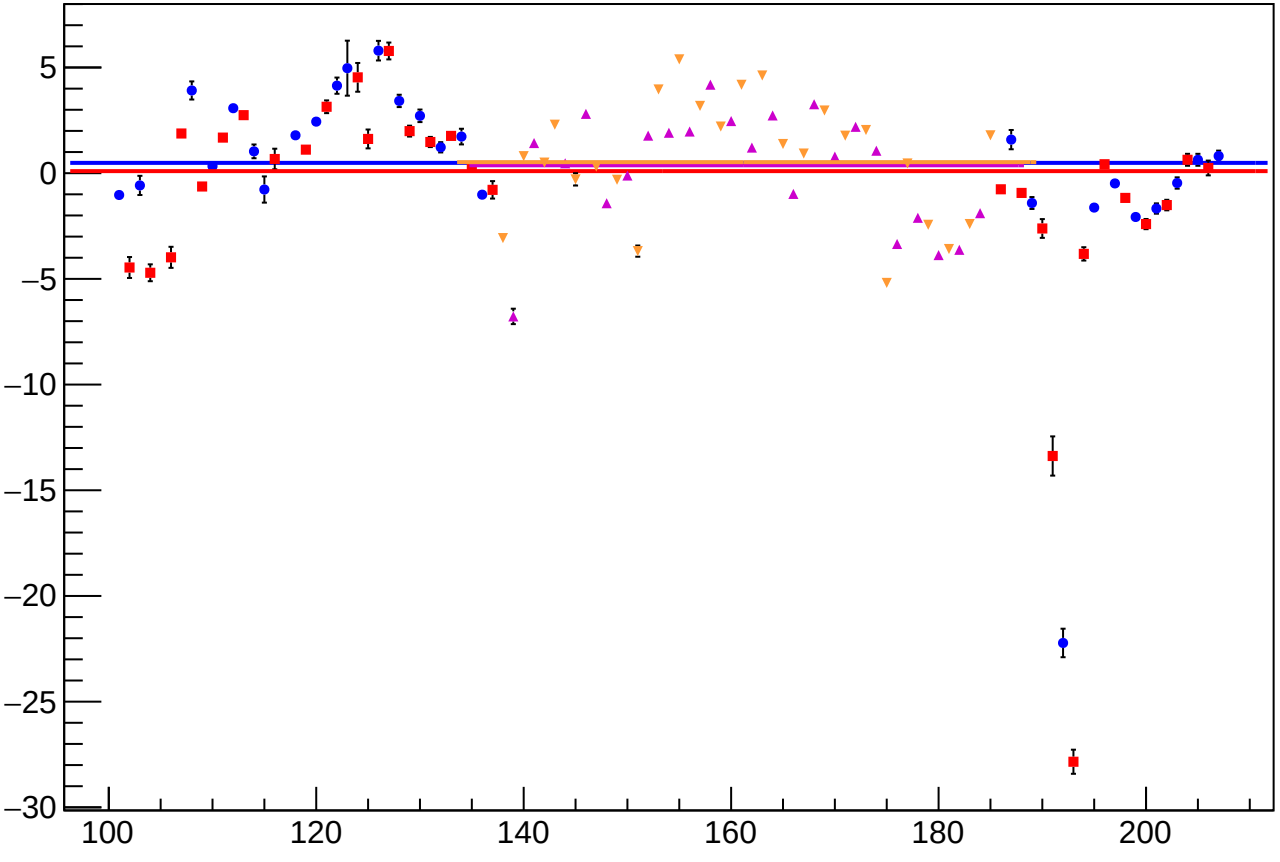
Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

+ sign -11.901+/-0.034 χ^2/NDF: 202236.4/34

All: -11.236+/-0.024 χ^2/NDF: 375940.4/69

- sign -10.620+/-0.033 χ^2/NDF: 172968.8/34

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.488+/-0.049 χ^2/NDF: 2485.8/26

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.097+/-0.047 χ^2/NDF: 4263.6/29

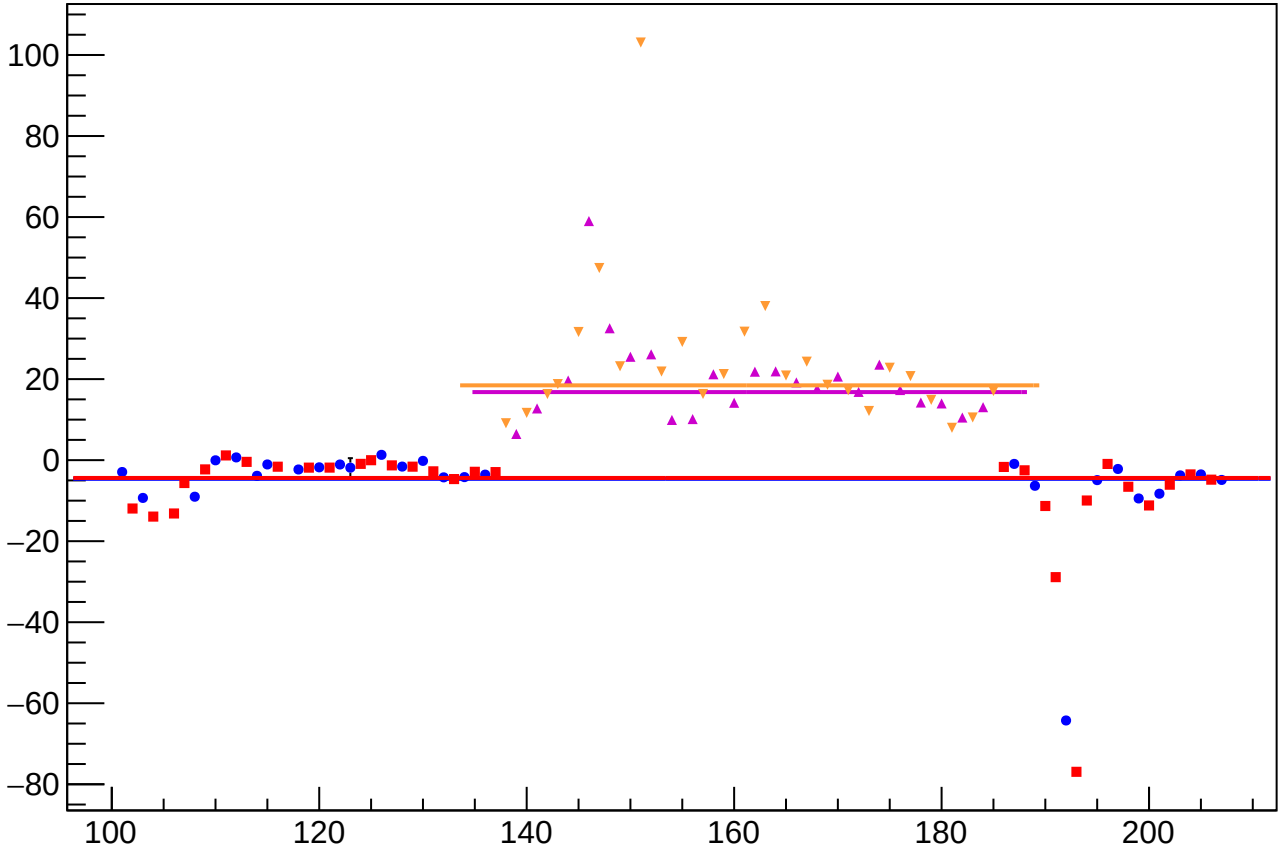
Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

+ sign 0.511+/-0.027 χ^2/NDF: 9524.4/51

All: 0.394+/-0.019 χ^2/NDF: 20110.6/104

- sign 0.288+/-0.026 χ^2/NDF: 10551.4/52

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -4.608+/-0.052 χ^2/NDF: 13360.6/26

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -4.395+/-0.047 χ^2/NDF: 27602.1/29

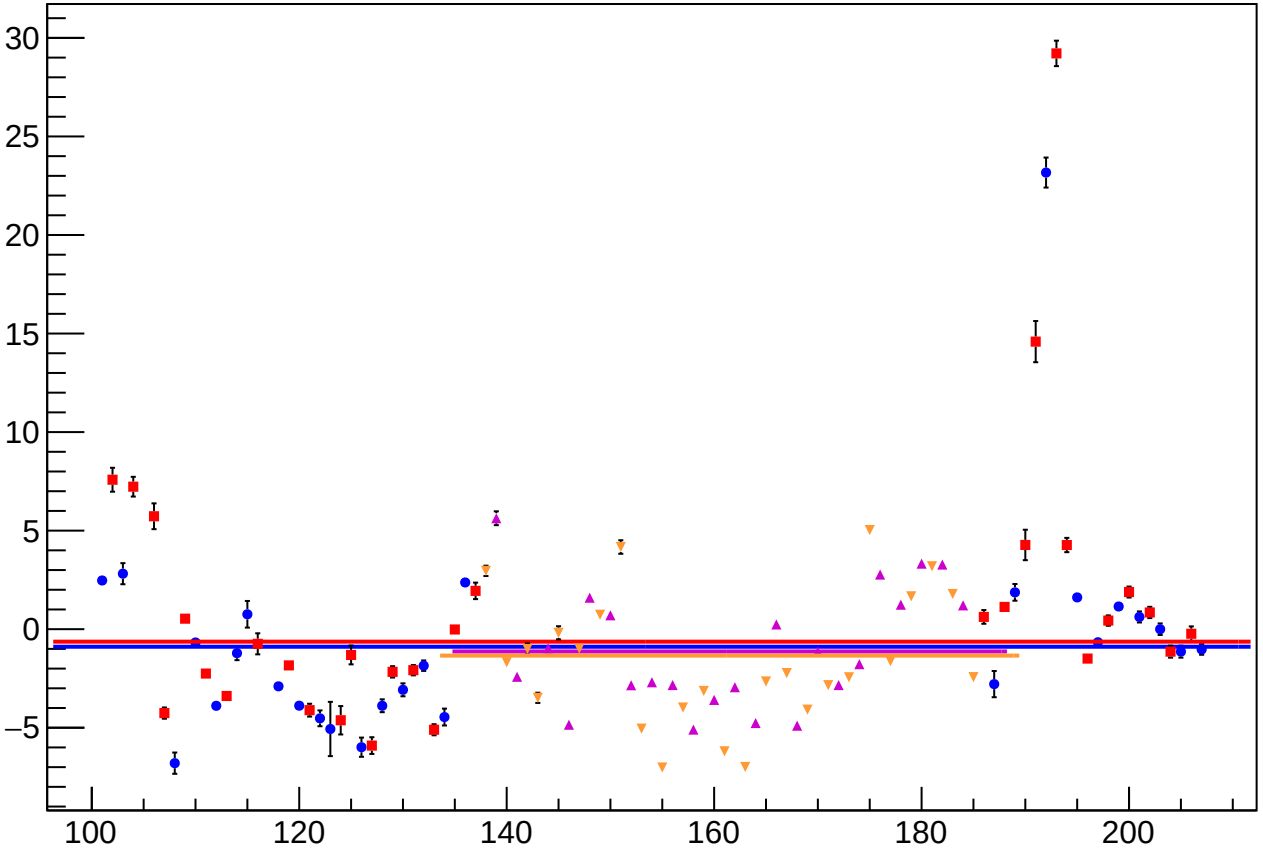
Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

+ sign 9.981+/-0.032 χ^2/NDF: 213319.1/51

All: 9.055+/-0.022 χ^2/NDF: 405524.0/104

- sign 8.246+/-0.030 χ^2/NDF: 190611.0/52

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.891+/-0.057 χ^2/NDF: 2722.9/26

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.633+/-0.055 χ^2/NDF: 4464.8/29

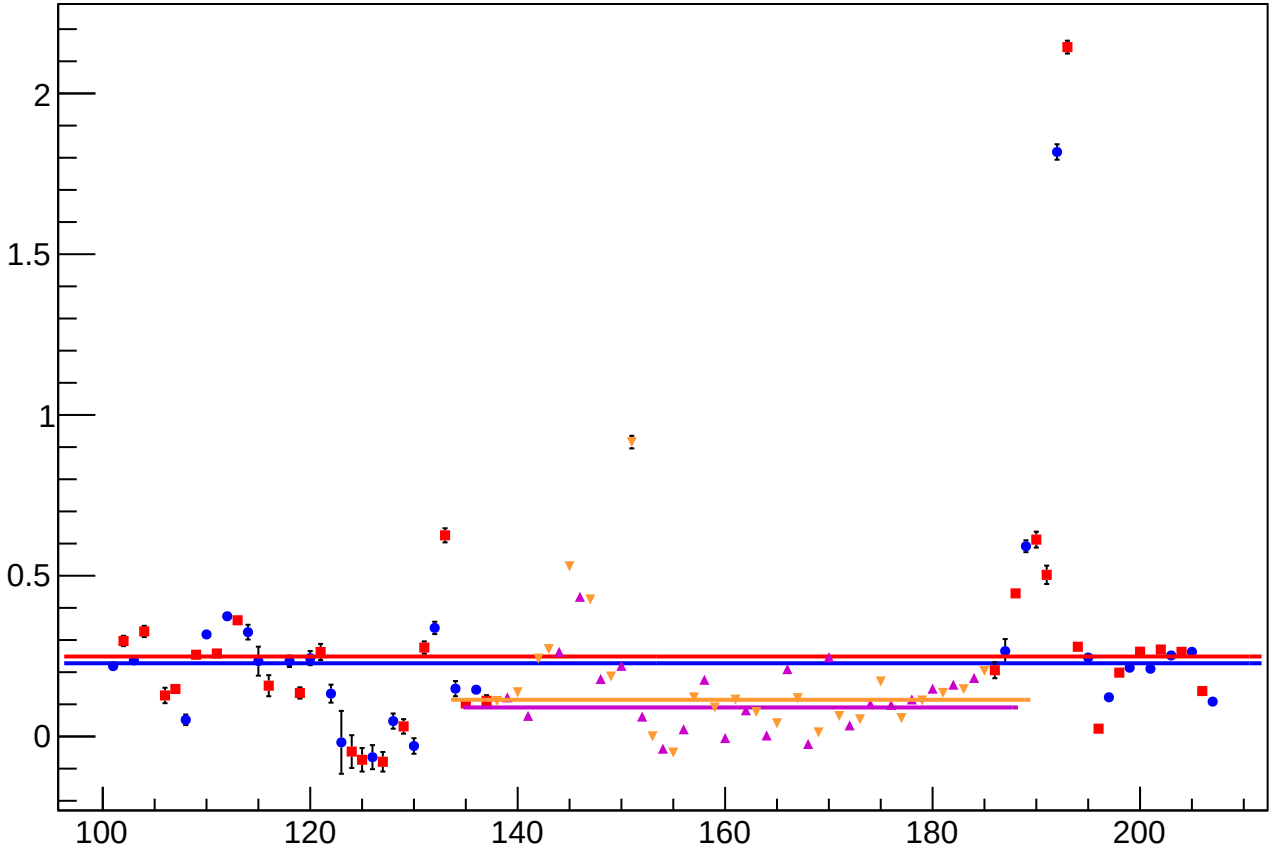
Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

+ sign -1.210+/-0.031 χ^2/NDF: 10652.9/51

All: -1.093+/-0.021 χ^2/NDF: 21947.2/104

- sign -0.988+/-0.029 χ^2/NDF: 11267.3/52

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.228+/-0.003 χ^2/NDF: 5807.6/26

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.249+/-0.002 χ^2/NDF: 11699.4/29

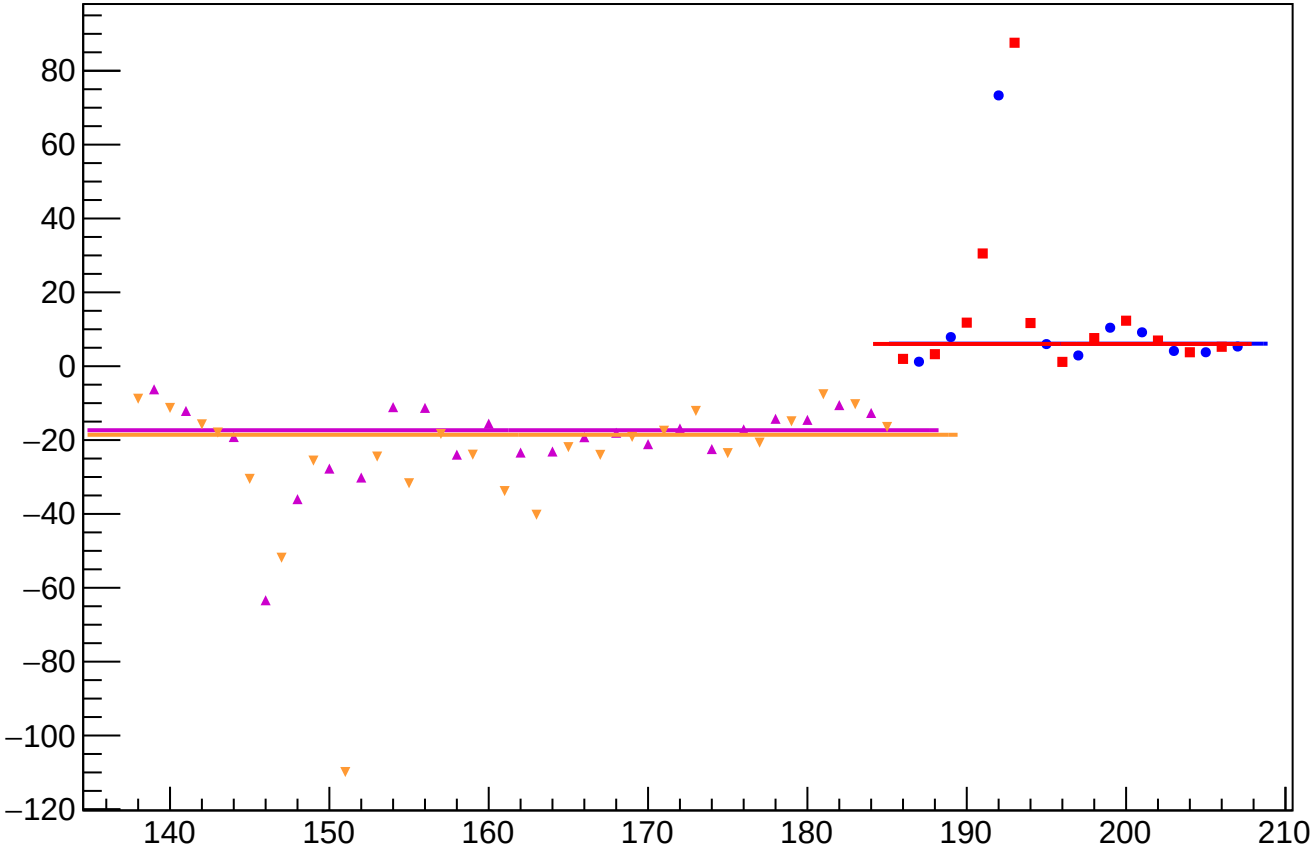
Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

+ sign 0.148+/-0.001 χ^2/NDF: 11614.8/51

All: 0.141+/-0.001 χ^2/NDF: 30048.6/104

- sign 0.135+/-0.001 χ^2/NDF: 18386.0/52

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 6.101+/-0.066 χ^2/NDF: 11776.0/9

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 6.031+/-0.062 χ^2/NDF: 25007.5/11

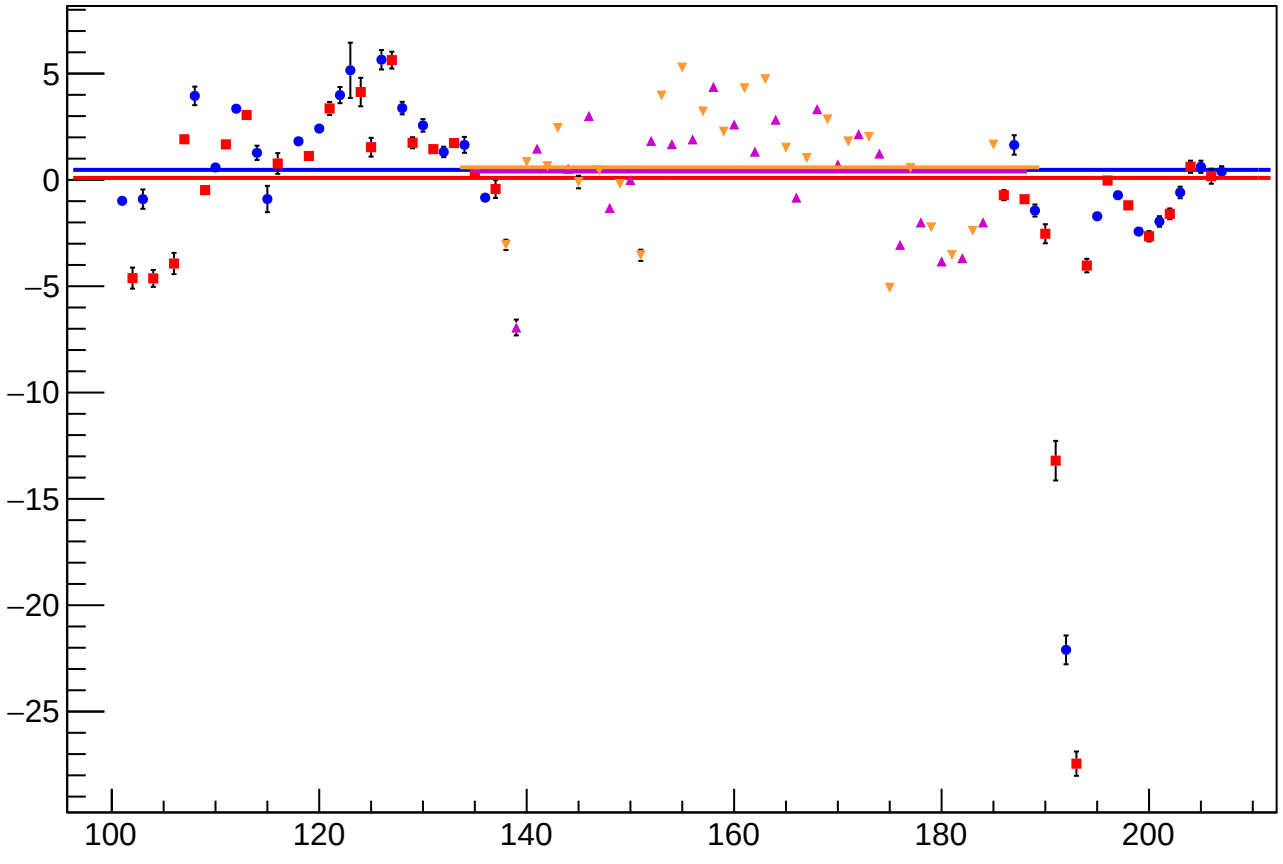
Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

+ sign -11.977+/-0.034 χ^2/NDF: 198983.1/34

All: -11.293+/-0.024 χ^2/NDF: 370616.0/69

- sign -10.660+/-0.033 χ^2/NDF: 170870.8/34

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.472+/-0.050 χ^2/NDF: 2536.4/26

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.093+/-0.047 χ^2/NDF: 4211.7/29

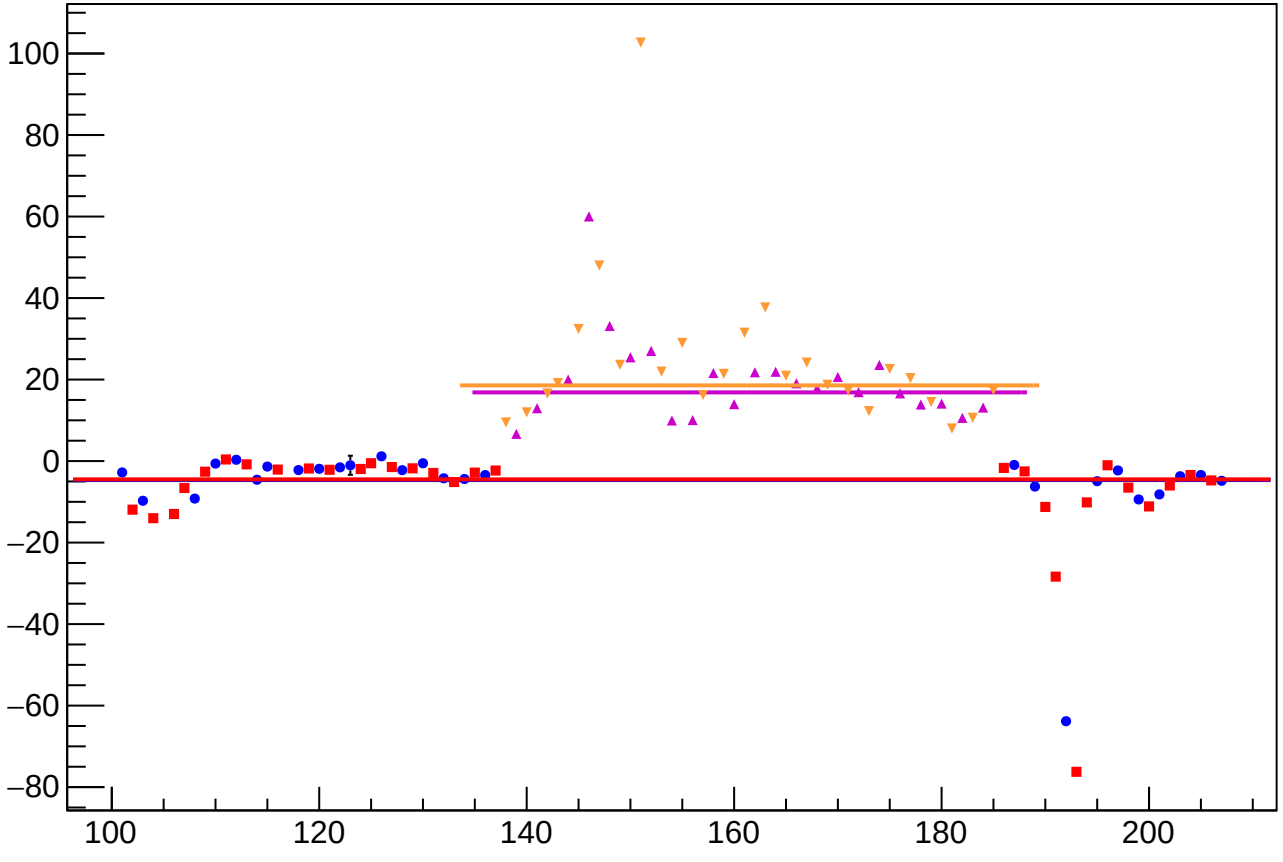
Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

+ sign 0.554+/-0.028 χ^2/NDF: 9320.6/51

All: 0.422+/-0.019 χ^2/NDF: 19716.3/104

- sign 0.302+/-0.026 χ^2/NDF: 10352.2/52

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -4.659+/-0.053 χ^2/NDF: 12848.9/26

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.488+/-0.047 χ^2/NDF: 26714.9/29

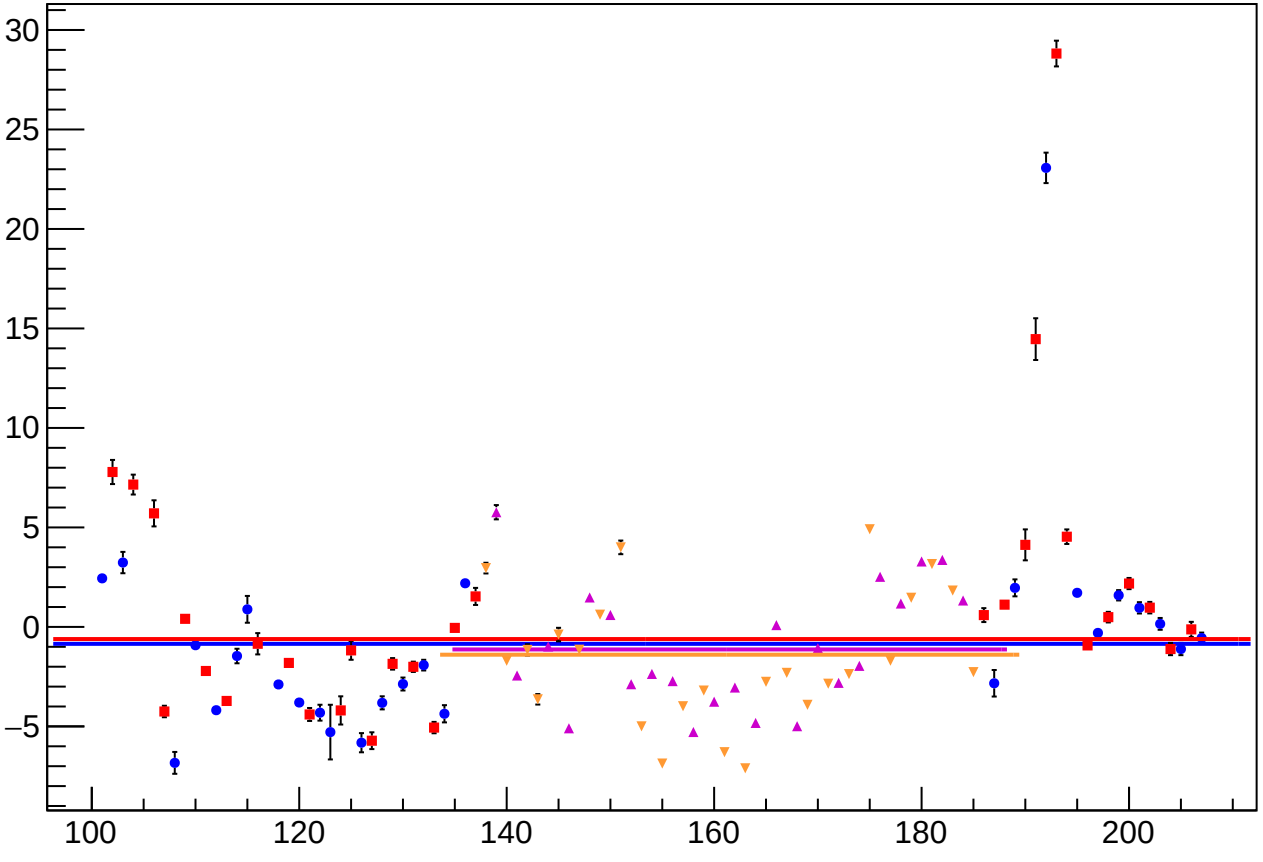
Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

+ sign 10.061+/-0.032 χ^2/NDF: 210514.9/51

All: 9.121+/-0.022 χ^2/NDF: 400901.3/104

- sign 8.299+/-0.030 χ^2/NDF: 188776.2/52

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.851+/-0.058 χ^2/NDF: 2728.0/26

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.610+/-0.055 χ^2/NDF: 4397.6/29

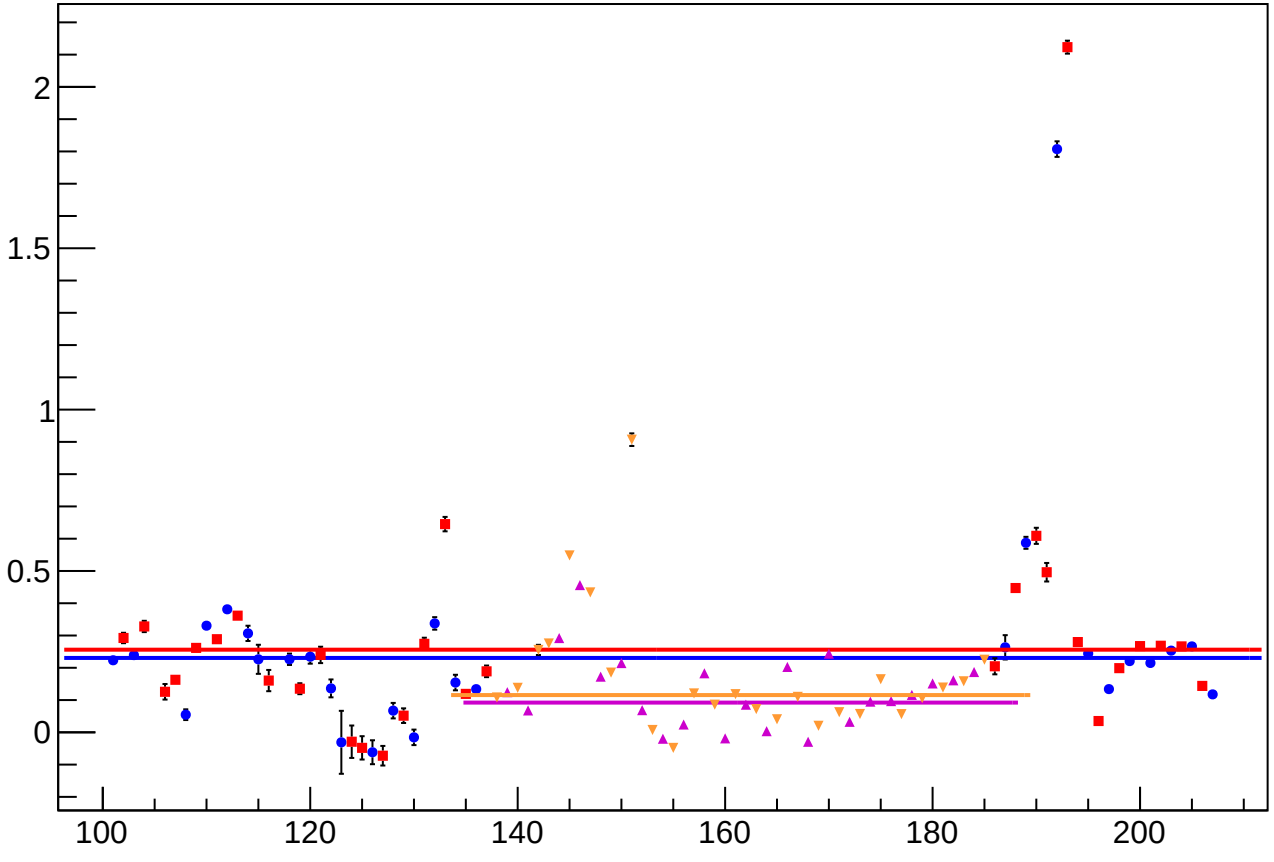
Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

+ sign -1.238+/-0.031 χ^2/NDF: 10422.8/51

All: -1.104+/-0.021 χ^2/NDF: 21557.0/104

- sign -0.983+/-0.030 χ^2/NDF: 11099.1/52

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.231+/-0.003 χ^2/NDF: 5616.6/26

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.256+/-0.002 χ^2/NDF: 11176.8/29

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

+ sign 0.149+/-0.001 χ^2/NDF: 11468.5/51

All: 0.143+/-0.001 χ^2/NDF: 29443.8/104

- sign 0.138+/-0.001 χ^2/NDF: 17938.1/52