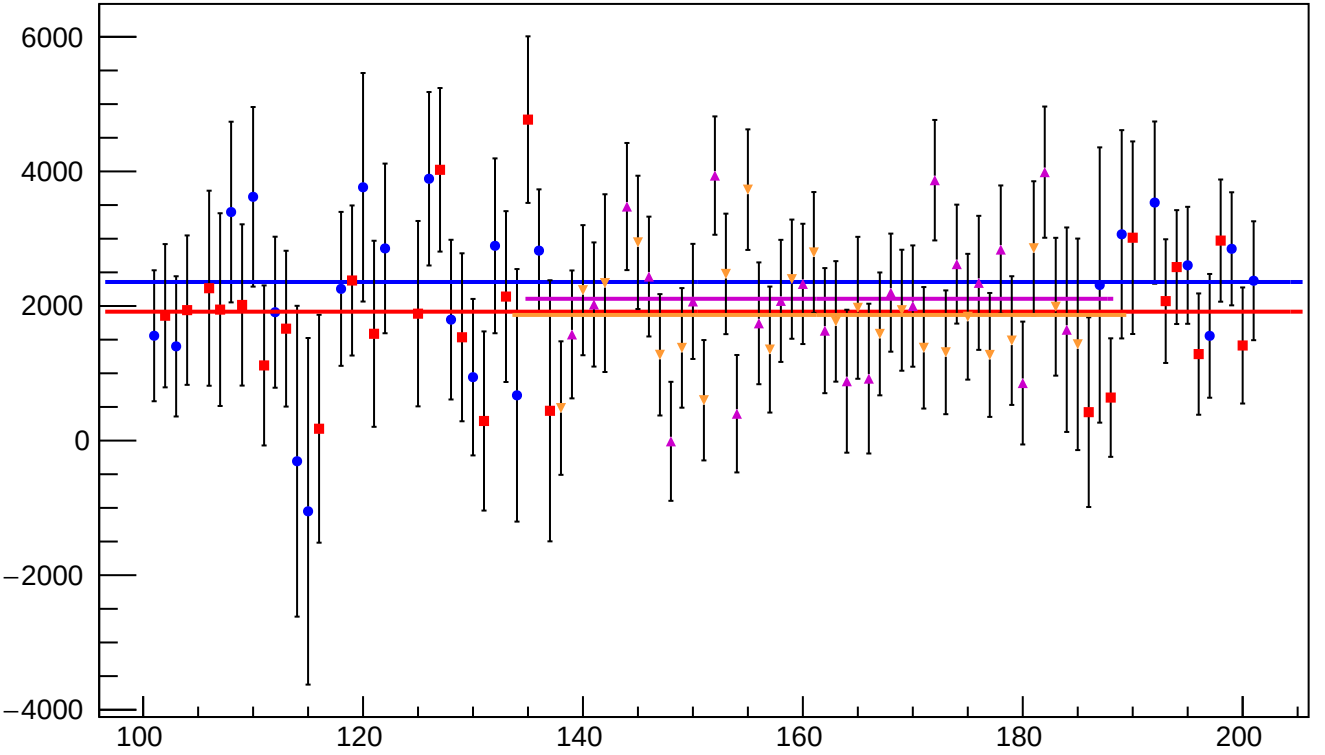
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2356.878+/-245.068 χ^2/NDF: 13.8/22

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

Right Out: 1915.712+/-228.917 χ^2/NDF: 19.0/24

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

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

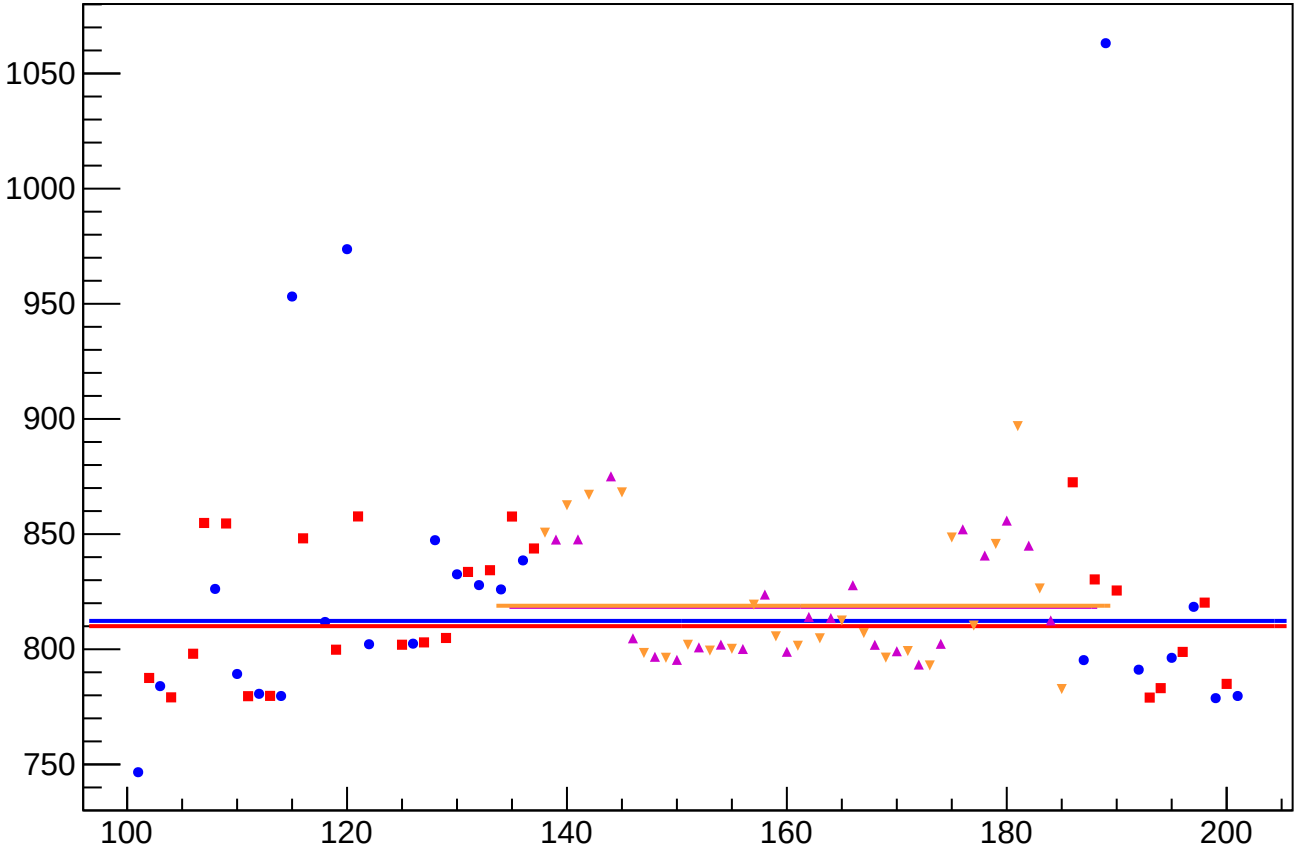
Right: 2121.281+/-167.287 χ^2/NDF: 34.6/47

In: 2203.999+/-152.570 χ^2/NDF:44.5/45

Out: 1887.756+/-148.356 χ^2/NDF:34.1/48

All: 2041.450+/-106.362 χ^2/NDF: 80.8/94

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 812.317+/-0.173 χ^2/NDF: 102077.1/22

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

Right Out: 810.037+/-0.162 χ^2/NDF: 30403.6/24

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

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

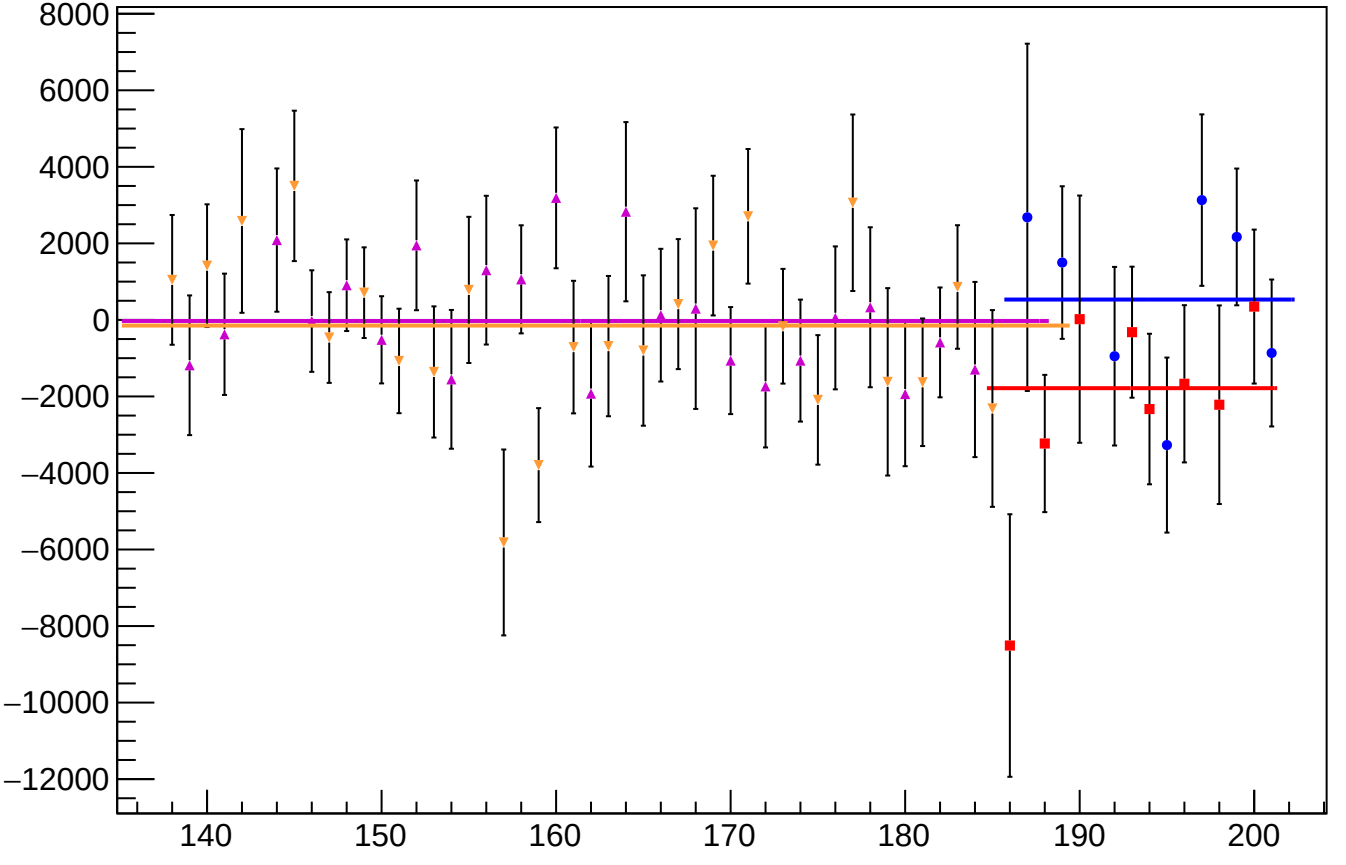
Right: 811.100+/-0.118 χ^2/NDF: 132573.2/47

In: 816.044+/-0.108 χ^2/NDF:132739.5/45

Out: 815.178+/-0.105 χ^2/NDF:73813.3/48

All: 815.599+/-0.075 χ^2/NDF: 206585.9/94

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 531.893+/-827.965 χ^2/NDF: 6.3/6

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

Right Out: -1784.120+/-761.630 χ^2/NDF: 6.8/7

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

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

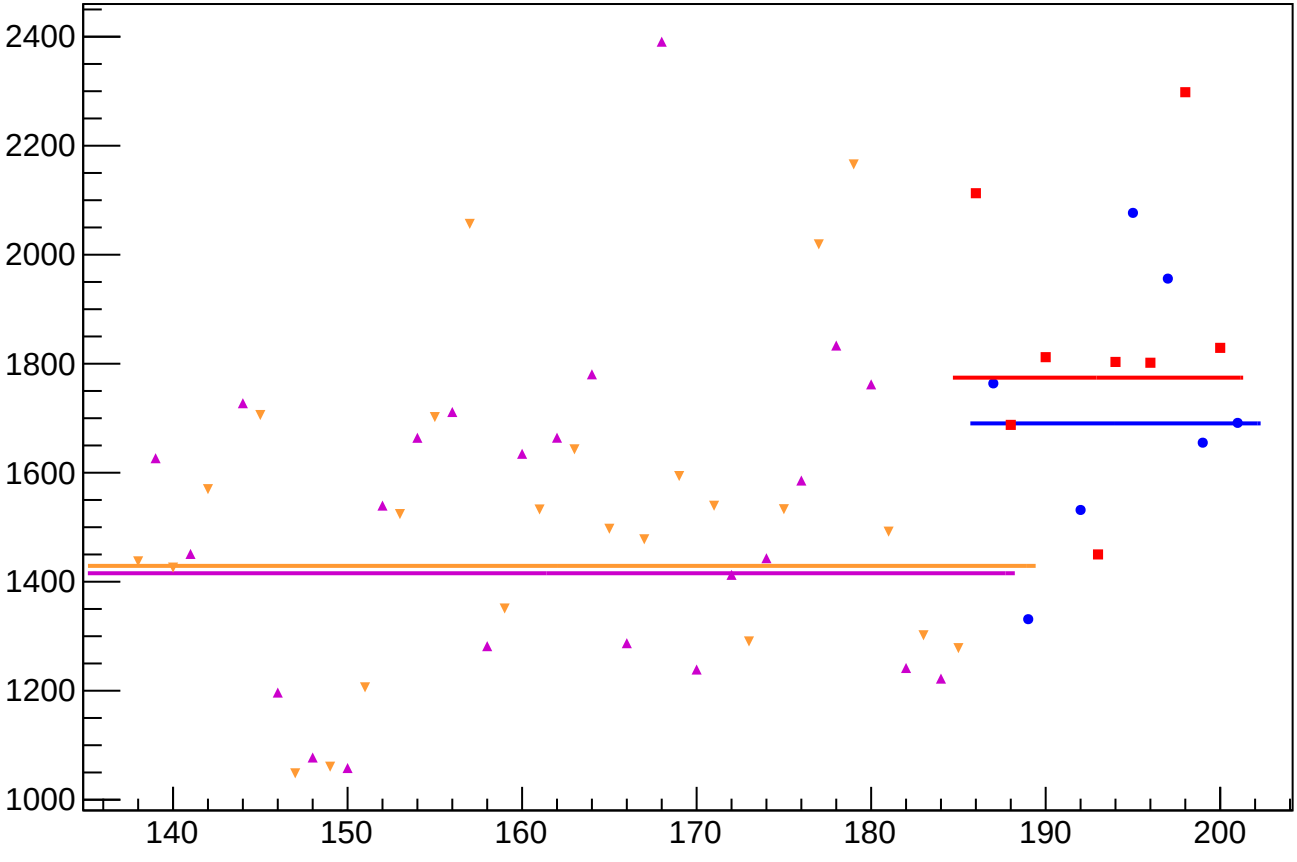
Right: -722.594+/-560.540 χ^2/NDF: 17.3/14

In: 54.752+/-317.853 χ^2/NDF:21.6/29

Out: -430.132+/-316.336 χ^2/NDF:39.9/31

All: -188.849+/-224.218 χ^2/NDF: 62.6/61

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1690.495+/-0.585 χ^2/NDF: 160670.8/6

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

Right Out: 1774.424+/-0.539 χ^2/NDF: 179913.4/7

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

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

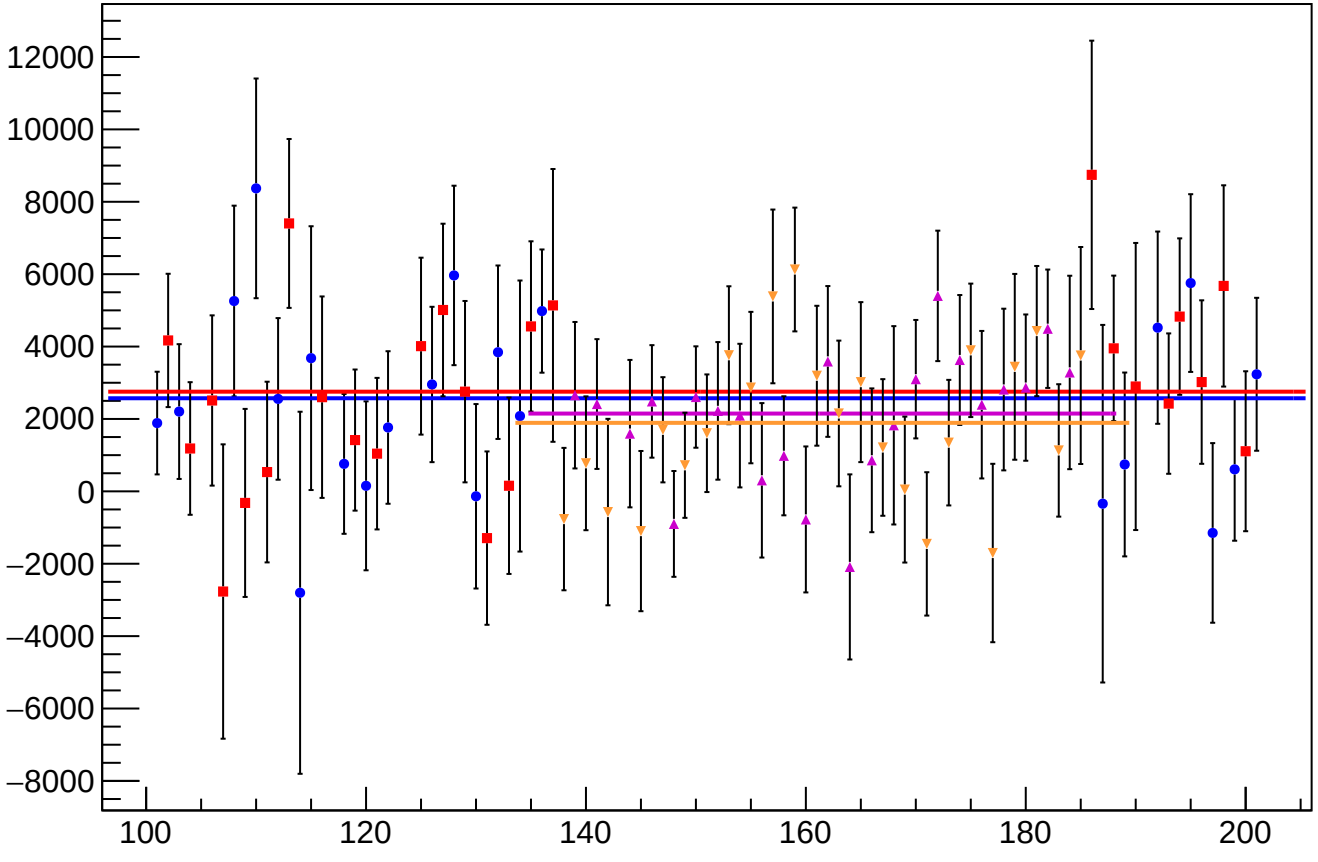
Right: 1735.956+/-0.396 χ^2/NDF: 351715.9/14

In: 1456.075+/-0.225 χ^2/NDF:1594309.0/29

Out: 1488.642+/-0.224 χ^2/NDF:1627152.0/31

All: 1472.436+/-0.159 χ^2/NDF: 3232009.5/61

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2571.568+/-482.077 χ^2/NDF: 20.1/22

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

Right Out: 2753.817+/-474.675 χ^2/NDF: 22.2/24

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

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

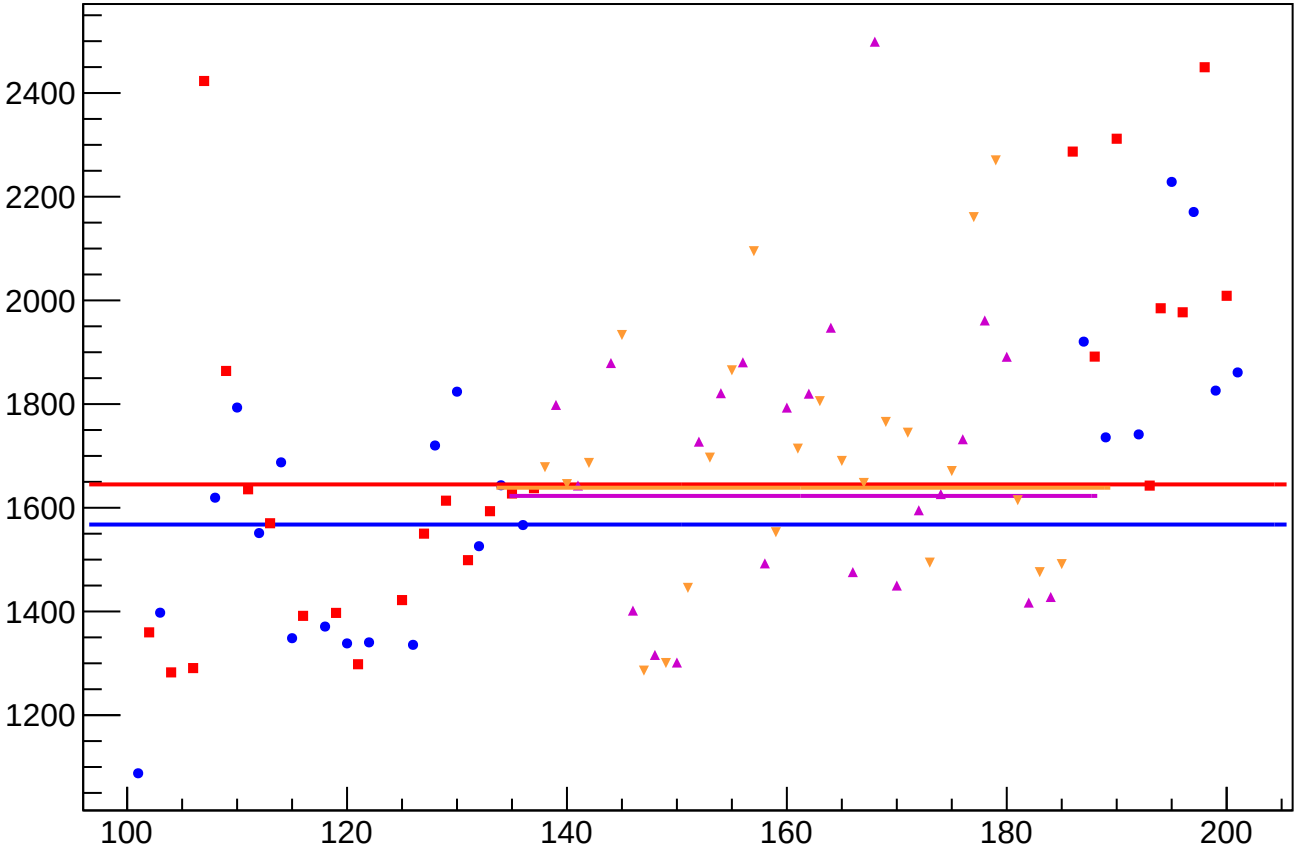
Right: 2664.102+/-338.232 χ^2/NDF: 42.4/47

In: 2316.967+/-304.007 χ^2/NDF:39.0/45

Out: 2244.700+/-303.532 χ^2/NDF:50.1/48

All: 2280.777+/-214.798 χ^2/NDF: 89.1/94

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1567.663+/-0.341 χ^2/NDF: 745260.3/22

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

Right Out: 1645.056+/-0.336 χ^2/NDF: 854718.4/24

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

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

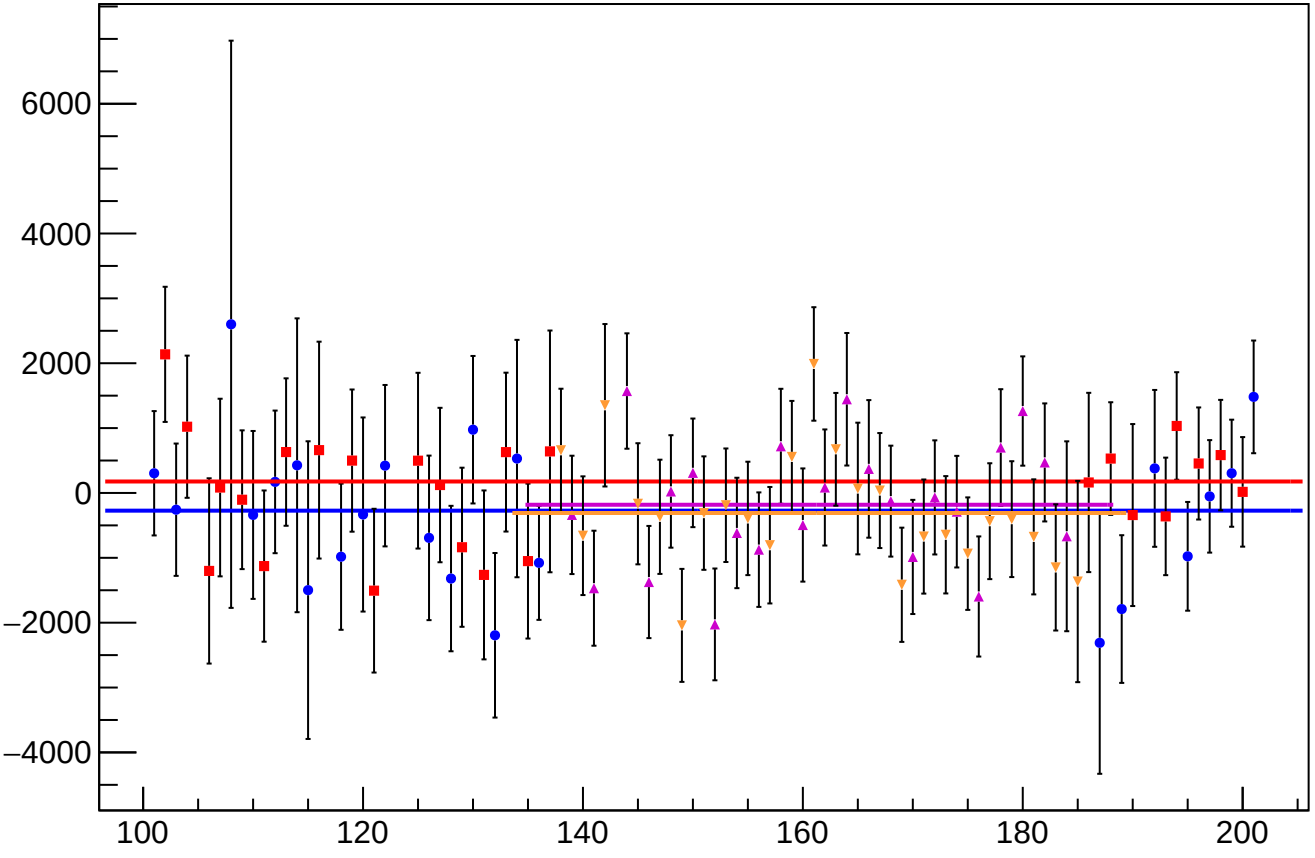
Right: 1606.958+/-0.239 χ^2/NDF: 1626151.4/47

In: 1600.919+/-0.215 χ^2/NDF:1541584.5/45

Out: 1641.287+/-0.215 χ^2/NDF:1526915.0/48

All: 1621.134+/-0.152 χ^2/NDF: 3086159.2/94

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -272.881+/-239.438 χ^2/NDF: 16.0/22

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

Right Out: 176.732+/-221.978 χ^2/NDF: 13.8/24

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

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

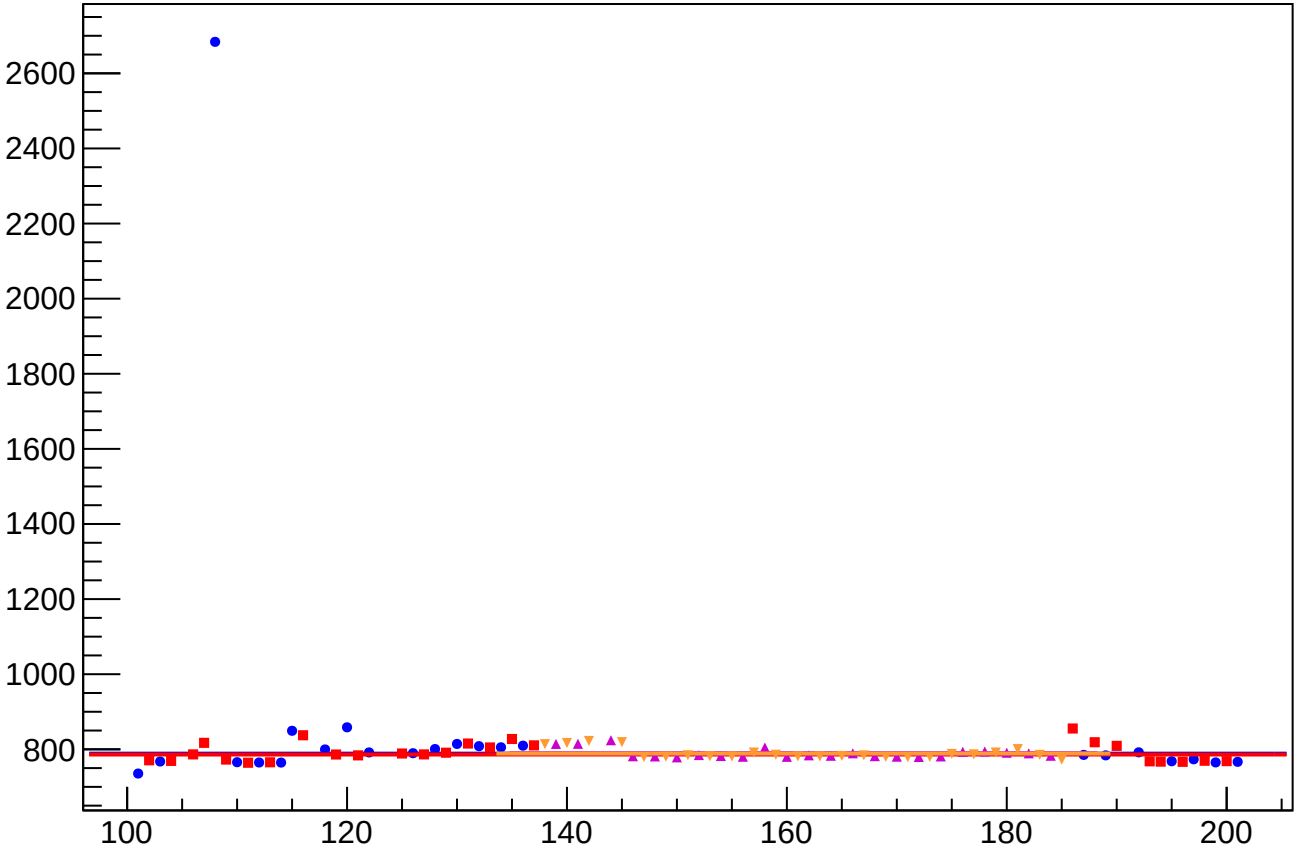
Right: -31.086+/-162.785 χ^2/NDF: 31.7/47

In: -216.635+/-147.835 χ^2/NDF:41.6/45

Out: -106.705+/-143.216 χ^2/NDF:37.2/48

All: -159.926+/-102.863 χ^2/NDF: 79.1/94

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 788.419+/-0.169 χ^2/NDF: 398354.2/22

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

Right Out: 786.156+/-0.157 χ^2/NDF: 22678.4/24

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

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

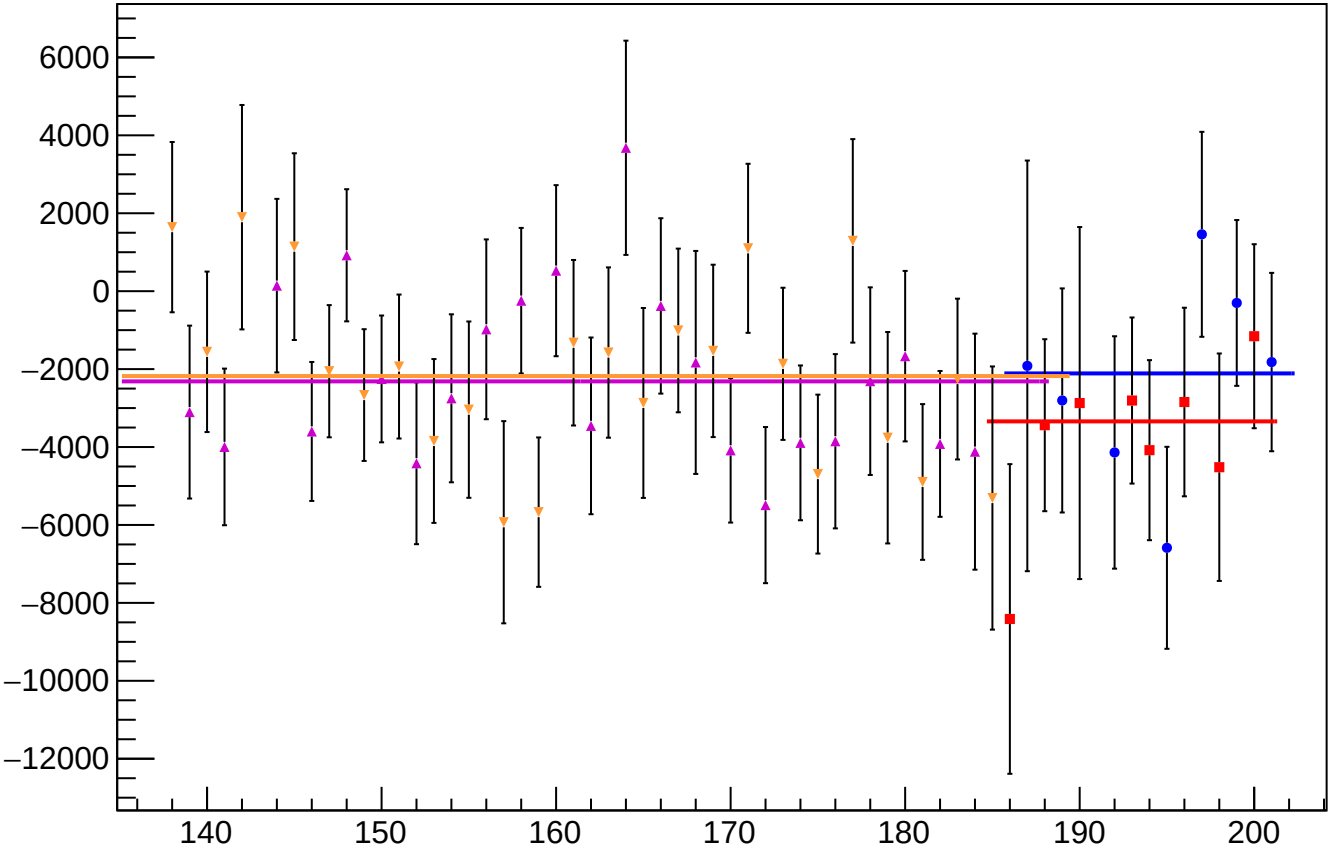
Right: 787.202+/-0.115 χ^2/NDF: 421128.6/47

In: 789.030+/-0.105 χ^2/NDF:407594.3/45

Out: 787.749+/-0.101 χ^2/NDF:32197.1/48

All: 788.369+/-0.073 χ^2/NDF: 439868.8/94

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -2110.641+/-1013.021 χ^2/NDF: 6.1/6

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

Right Out: -3341.887+/-915.749 χ^2/NDF: 2.9/7

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

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

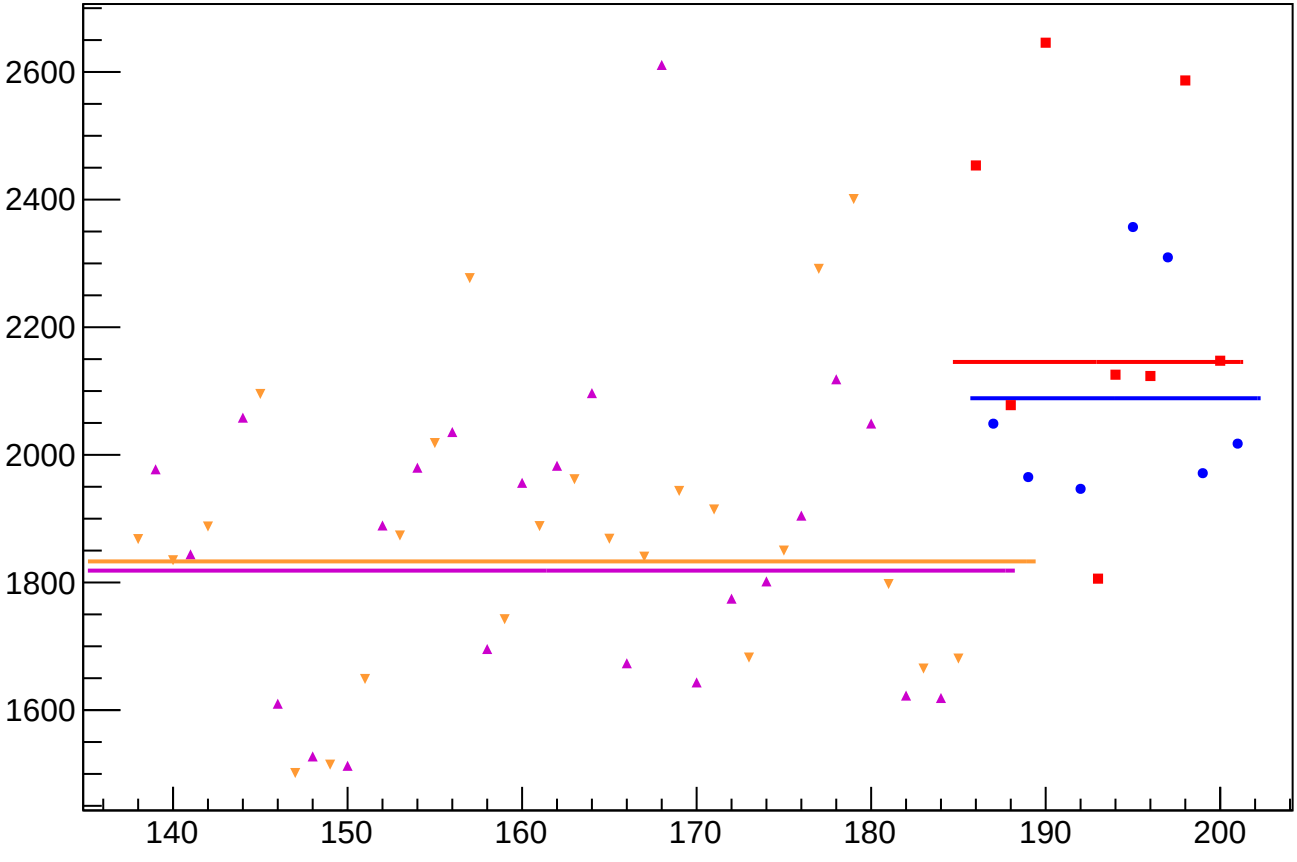
Right: -2788.200+/-679.325 χ^2/NDF: 9.8/14

In: -2283.080+/-401.259 χ^2/NDF:28.1/29

Out: -2396.406+/-396.347 χ^2/NDF:26.9/31

All: -2340.441+/-281.980 χ^2/NDF: 55.1/61

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 2088.725+/-0.716 χ^2/NDF: 51878.1/6

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

Right Out: 2145.598+/-0.648 χ^2/NDF: 135185.7/7

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

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

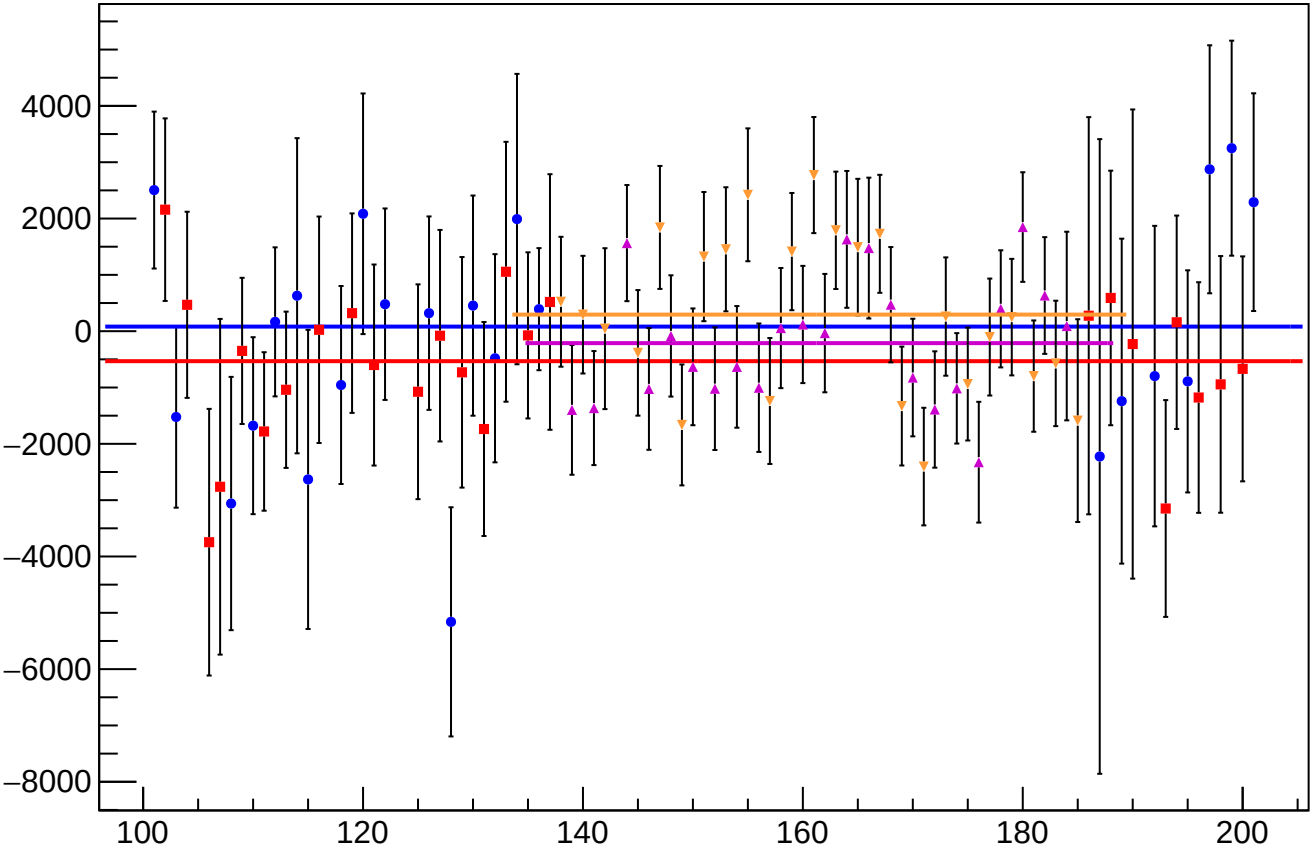
Right: 2120.022+/-0.480 χ^2/NDF: 190532.7/14

In: 1860.977+/-0.284 χ^2/NDF:708605.8/29

Out: 1891.580+/-0.280 χ^2/NDF:790012.2/31

All: 1876.467+/-0.199 χ^2/NDF: 1504506.6/61

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 81.541+/-387.237 χ^2/NDF: 23.4/22

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

Right Out: -532.326+/-377.477 χ^2/NDF: 10.5/24

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

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

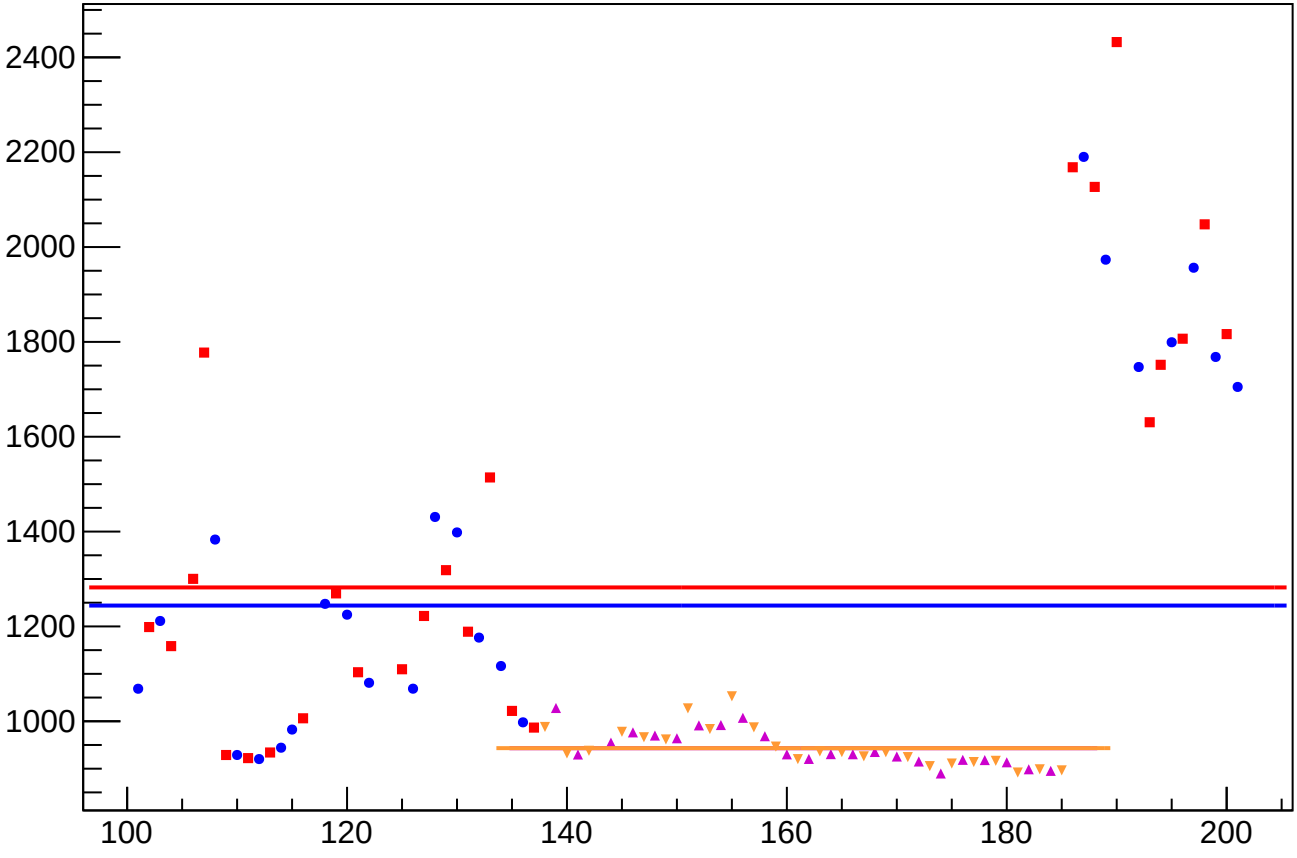
Right: -233.226+/-270.301 χ^2/NDF: 35.2/47

In: -138.119+/-194.351 χ^2/NDF:47.6/45

Out: 78.791+/-192.855 χ^2/NDF:52.4/48

All: -28.826+/-136.895 χ^2/NDF: 100.6/94

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1243.989+/-0.274 χ^2/NDF: 1350222.2/22

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

Right Out: 1282.221+/-0.267 χ^2/NDF: 1922045.2/24

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

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

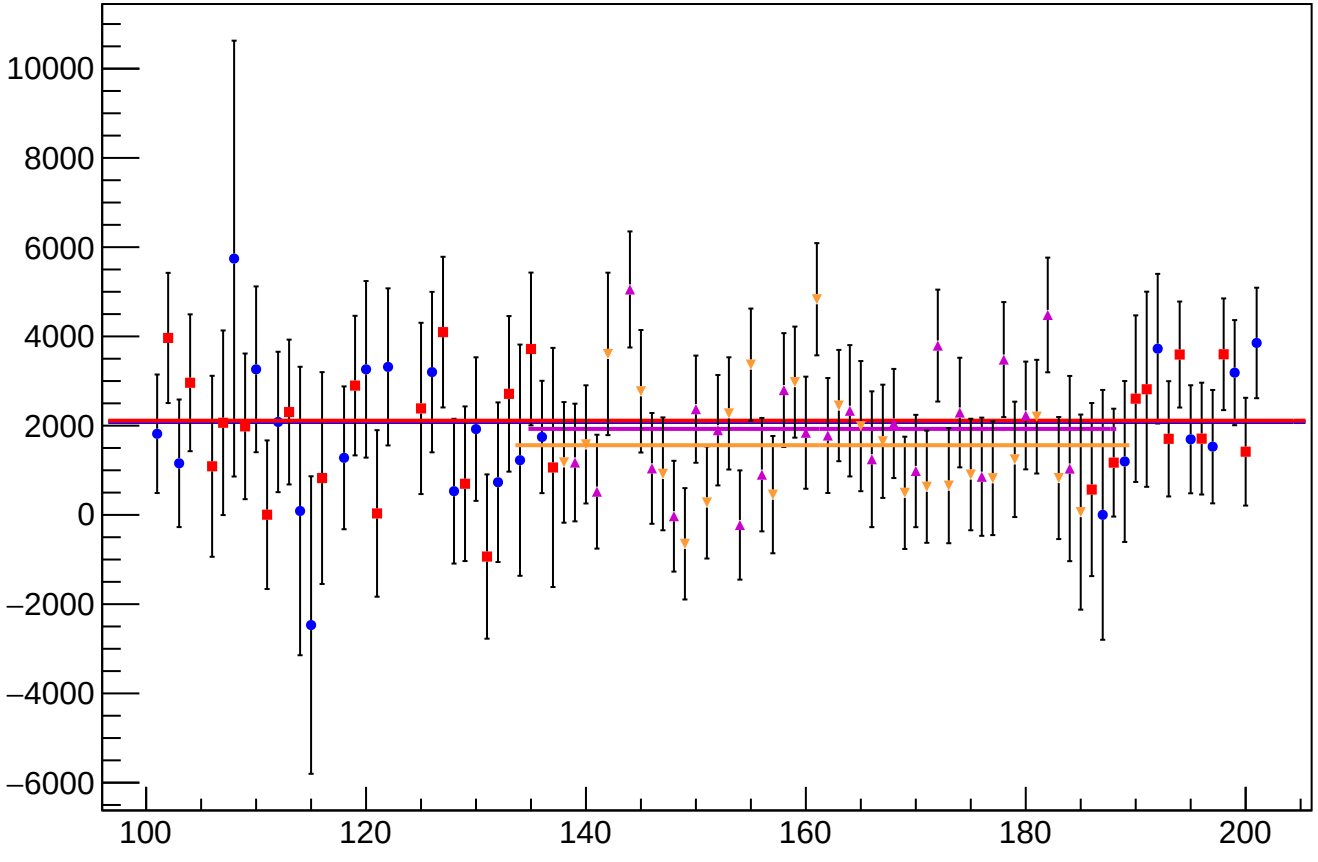
Right: 1263.593+/-0.191 χ^2/NDF: 3282264.1/47

In: 1018.920+/-0.137 χ^2/NDF:2303289.9/45

Out: 1031.787+/-0.136 χ^2/NDF:3173715.9/48

All: 1025.403+/-0.097 χ^2/NDF: 5481422.7/94

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2082.807+/-341.365 χ^2/NDF: 11.8/22

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

Right Out: 2111.321+/-314.052 χ^2/NDF: 16.5/25

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

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

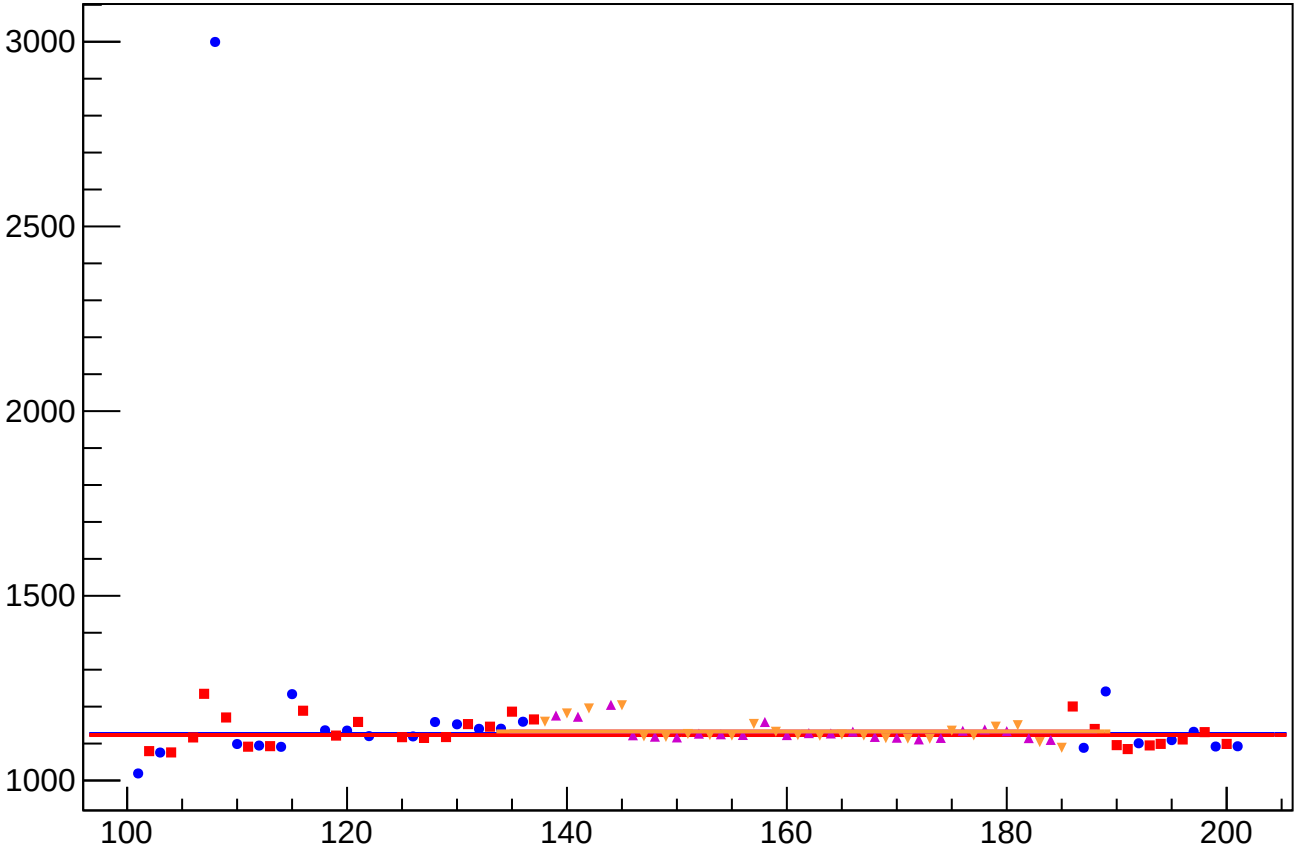
Right: 2098.250+/-231.122 χ^2/NDF: 28.3/48

In: 1986.826+/-211.606 χ^2/NDF:36.1/45

Out: 1794.791+/-204.419 χ^2/NDF:40.0/49

All: 1887.492+/-147.022 χ^2/NDF: 76.5/95

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1125.847+/-0.241 χ^2/NDF: 328902.5/22

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

Right Out: 1123.164+/-0.222 χ^2/NDF: 26437.8/25

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

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

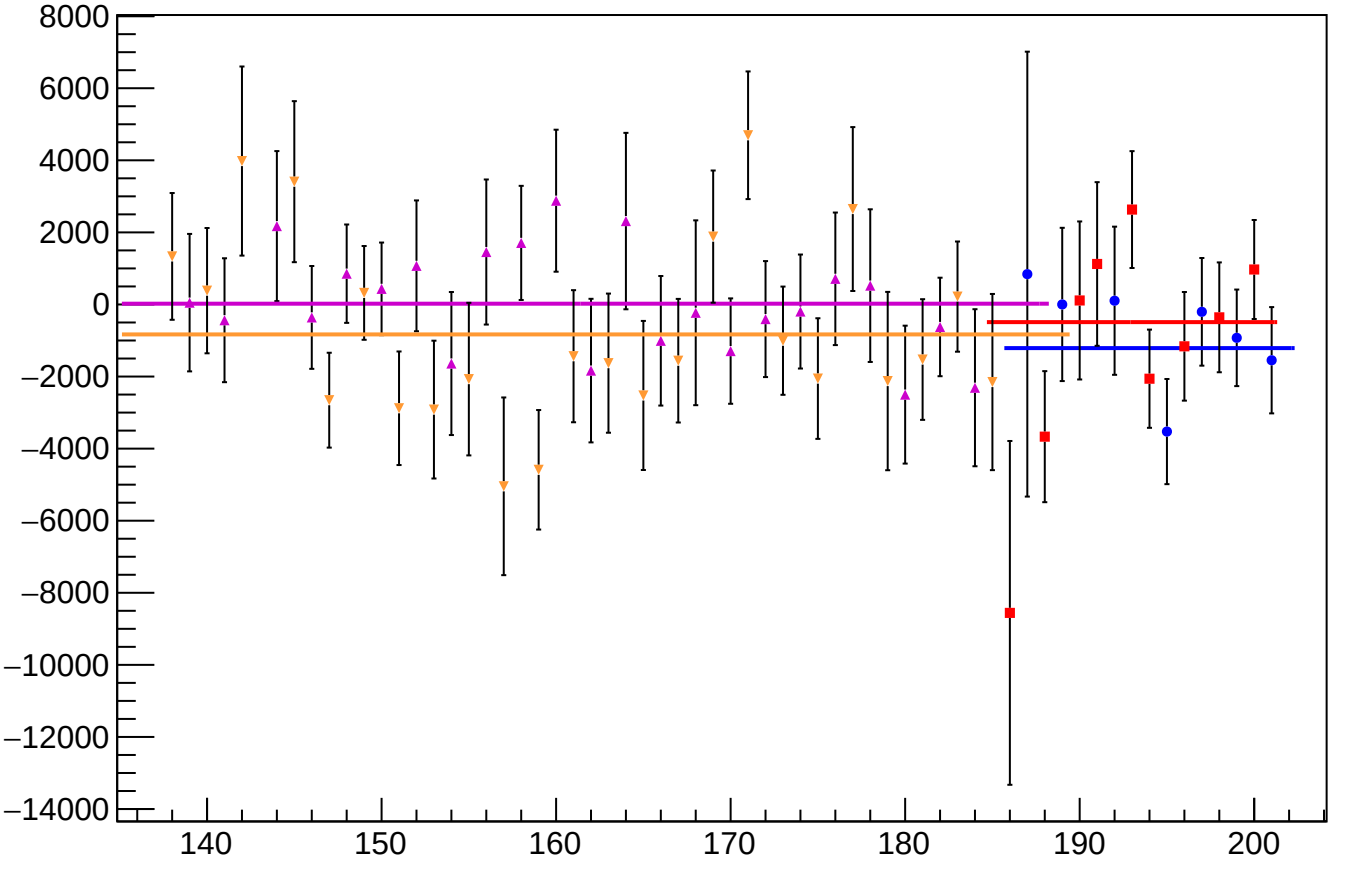
Right: 1124.394+/-0.163 χ^2/NDF: 355407.2/48

In: 1129.987+/-0.150 χ^2/NDF:343905.0/45

Out: 1128.765+/-0.145 χ^2/NDF:44328.3/49

All: 1129.355+/-0.104 χ^2/NDF: 388267.7/95

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1210.775+/-642.900 χ^2/NDF: 3.9/6

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

Right Out: -489.821+/-570.850 χ^2/NDF: 12.9/8

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

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

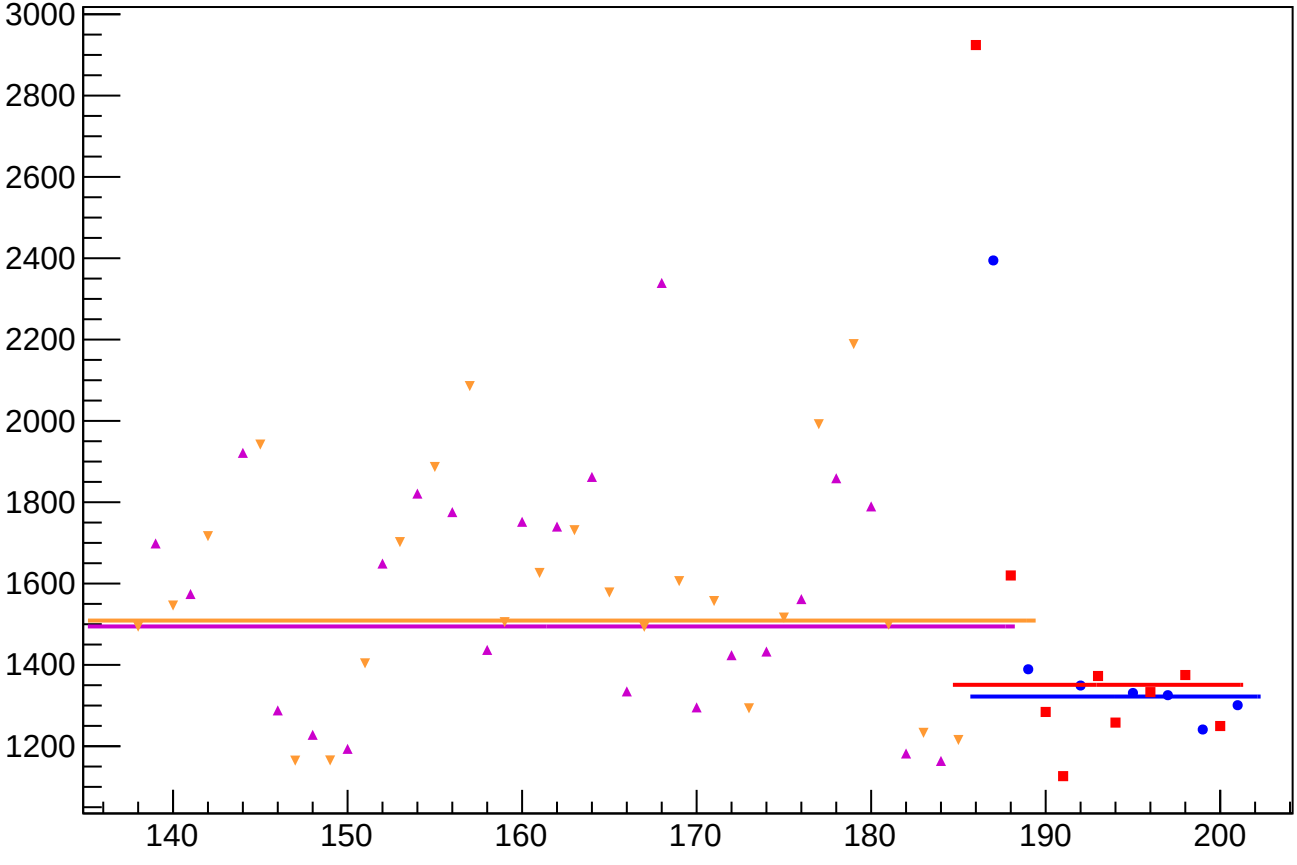
Right: -807.651+/-426.862 χ^2/NDF: 17.5/15

In: -275.797+/-315.748 χ^2/NDF:19.5/29

Out: -731.523+/-308.162 χ^2/NDF:53.2/32

All: -509.200+/-220.536 χ^2/NDF: 73.8/62

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1322.156+/-0.455 χ^2/NDF: 70535.0/6

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

Right Out: 1350.971+/-0.404 χ^2/NDF: 304115.2/8

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

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

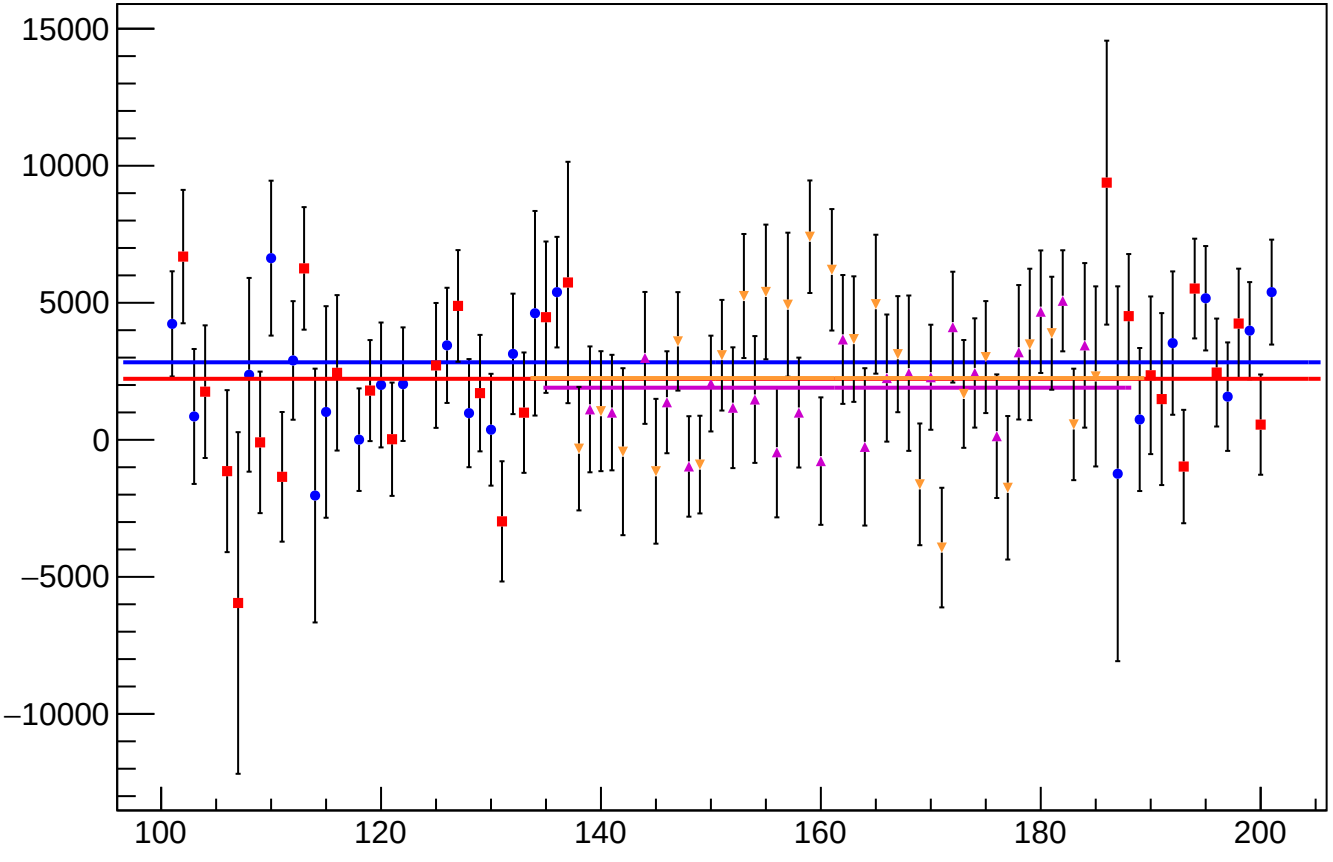
Right: 1338.268+/-0.302 χ^2/NDF: 376896.6/15

In: 1452.934+/-0.223 χ^2/NDF:1275882.4/29

Out: 1462.942+/-0.218 χ^2/NDF:1401383.6/32

All: 1458.060+/-0.156 χ^2/NDF: 2678295.1/62

asym_usl_mean vs Slug, Sign Corrected



Right In: 2829.016+/-478.590 χ^2/NDF: 16.4/22

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

Right Out: 2226.516+/-460.724 χ^2/NDF: 33.5/25

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

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

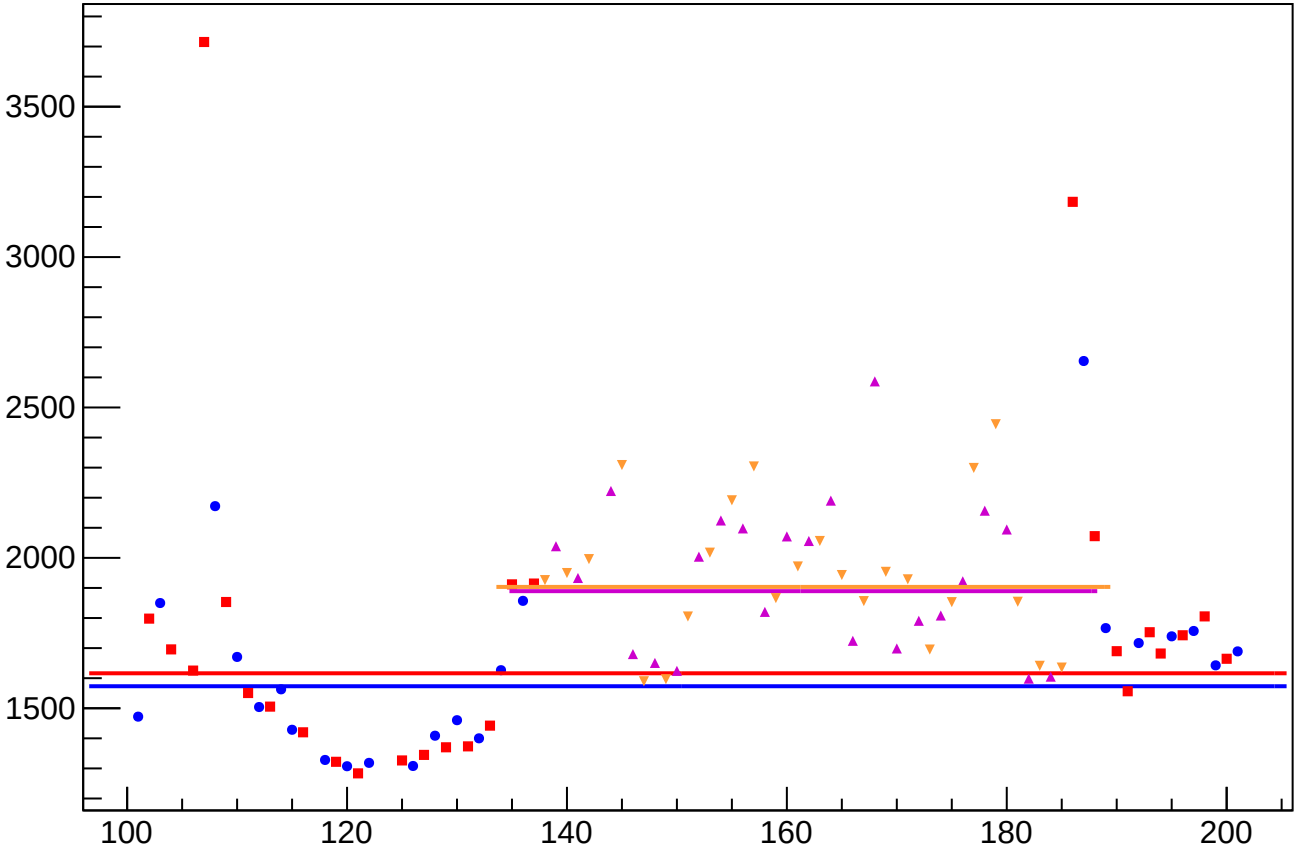
Right: 2516.310+/-331.917 χ^2/NDF: 50.7/48

In: 2340.852+/-329.330 χ^2/NDF:32.2/45

Out: 2240.377+/-324.238 χ^2/NDF:72.2/49

All: 2289.832+/-231.050 χ^2/NDF: 104.4/95

asym_usl_rms vs Slug, Sign Corrected



Right In: 1573.229+/-0.338 χ^2/NDF: 401373.0/22

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

Right Out: 1616.284+/-0.326 χ^2/NDF: 844601.6/25

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

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

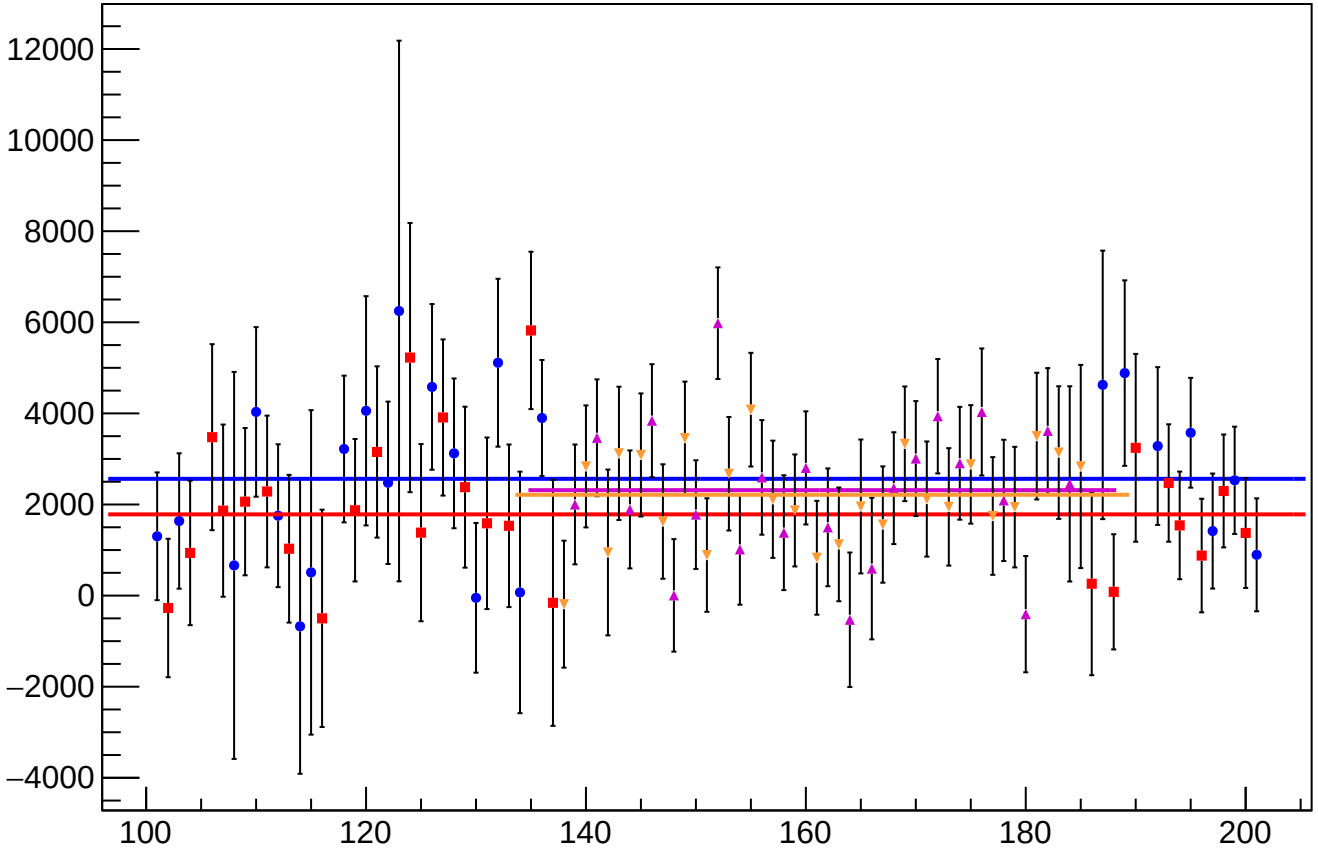
Right: 1595.575+/-0.235 χ^2/NDF: 1254375.4/48

In: 1739.649+/-0.233 χ^2/NDF:1369355.0/45

Out: 1761.227+/-0.229 χ^2/NDF:1698684.8/49

All: 1750.606+/-0.163 χ^2/NDF: 3072399.8/95

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2563.598+/-348.237 χ^2/NDF: 17.6/23

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

Right Out: 1783.159+/-318.511 χ^2/NDF: 17.7/25

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

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

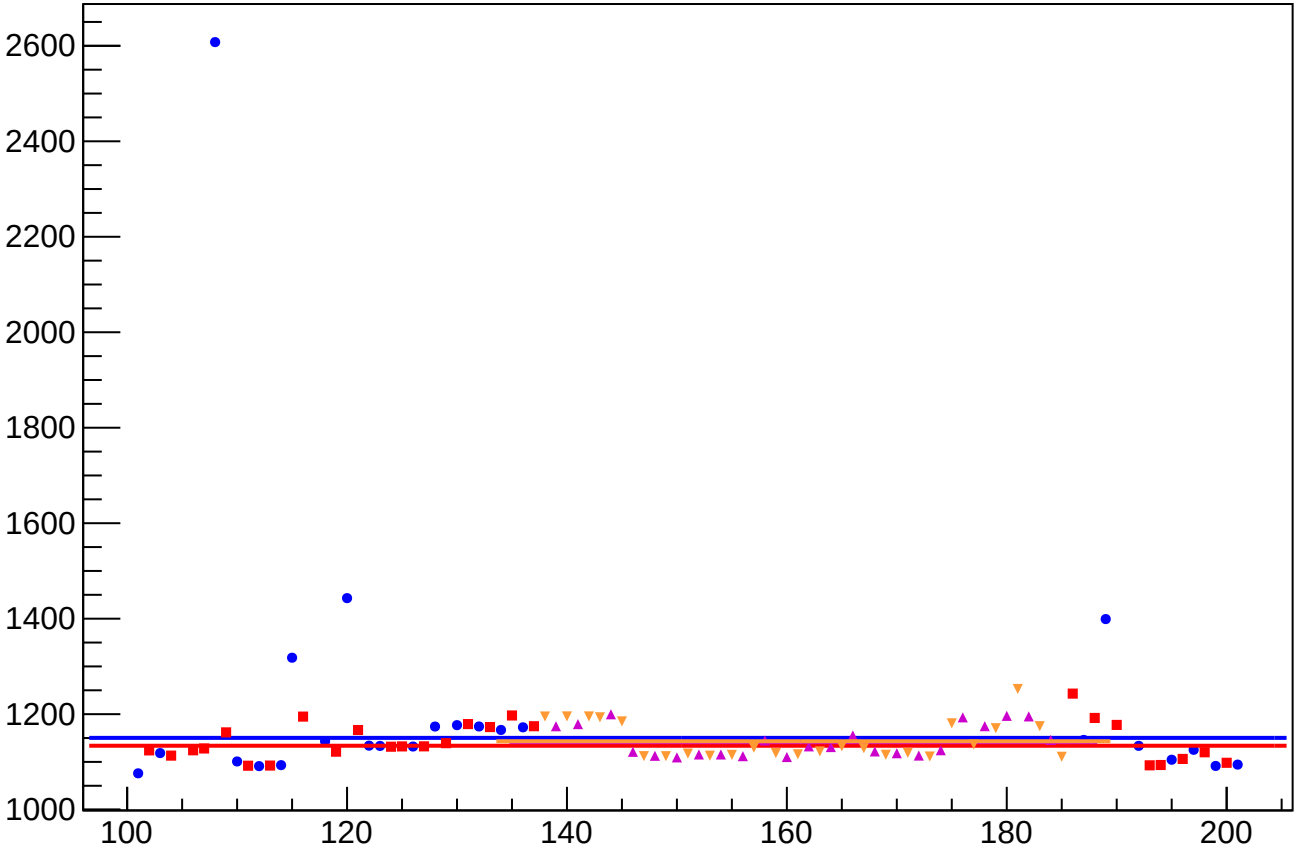
Right: 2138.653+/-235.029 χ^2/NDF: 38.0/49

In: 2409.004+/-214.298 χ^2/NDF:49.5/46

Out: 2035.847+/-204.581 χ^2/NDF:32.9/50

All: 2213.774+/-147.977 χ^2/NDF: 84.0/97

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1150.340+/-0.246 χ^2/NDF: 323509.1/23

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

Right Out: 1133.851+/-0.225 χ^2/NDF: 29384.1/25

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

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

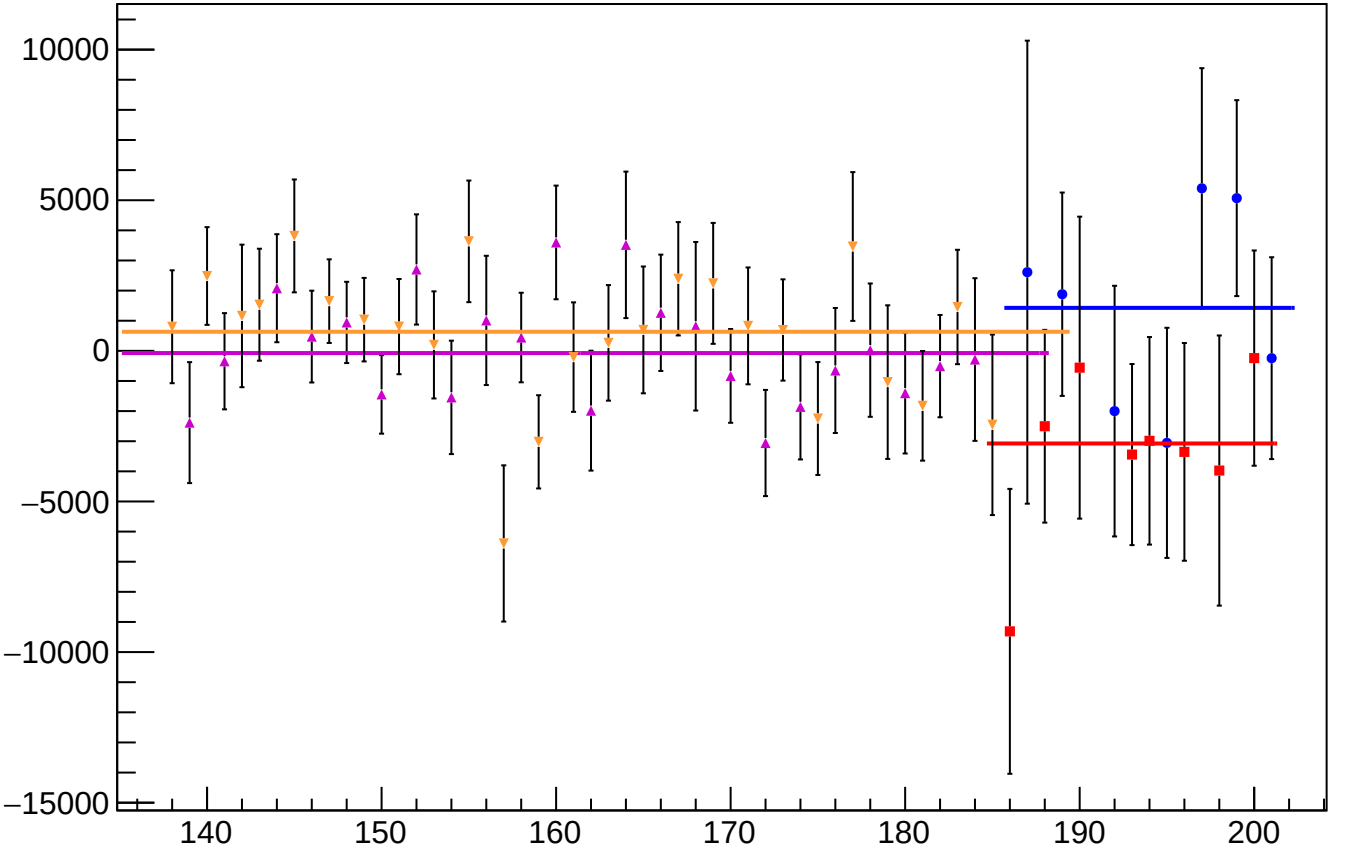
Right: 1141.362+/-0.166 χ^2/NDF: 355334.6/49

In: 1144.763+/-0.152 χ^2/NDF:352349.7/46

Out: 1139.372+/-0.145 χ^2/NDF:69900.3/50

All: 1141.942+/-0.105 χ^2/NDF: 422912.1/97

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 1427.061+/-1447.123 χ^2/NDF: 4.6/6

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

Right Out: -3075.095+/-1311.095 χ^2/NDF: 2.7/7

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

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

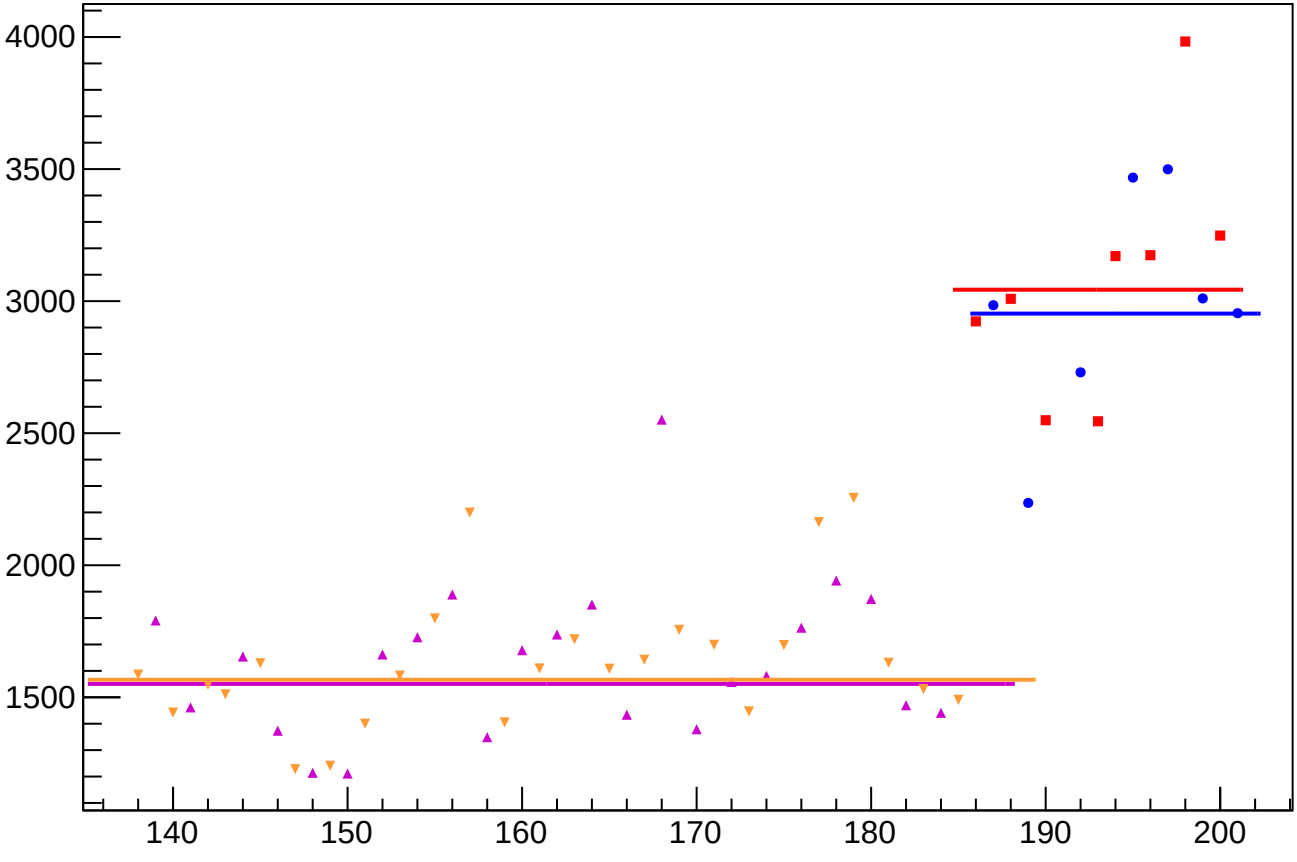
Right: -1045.513+/-971.625 χ^2/NDF: 12.6/14

In: 21.559+/-363.261 χ^2/NDF:25.7/29

Out: 357.508+/-357.815 χ^2/NDF:39.4/32

All: 192.071+/-254.917 χ^2/NDF: 65.5/62

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2952.800+/-1.023 χ^2/NDF: 170428.2/6

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

Right Out: 3043.269+/-0.927 χ^2/NDF: 175647.7/7

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

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

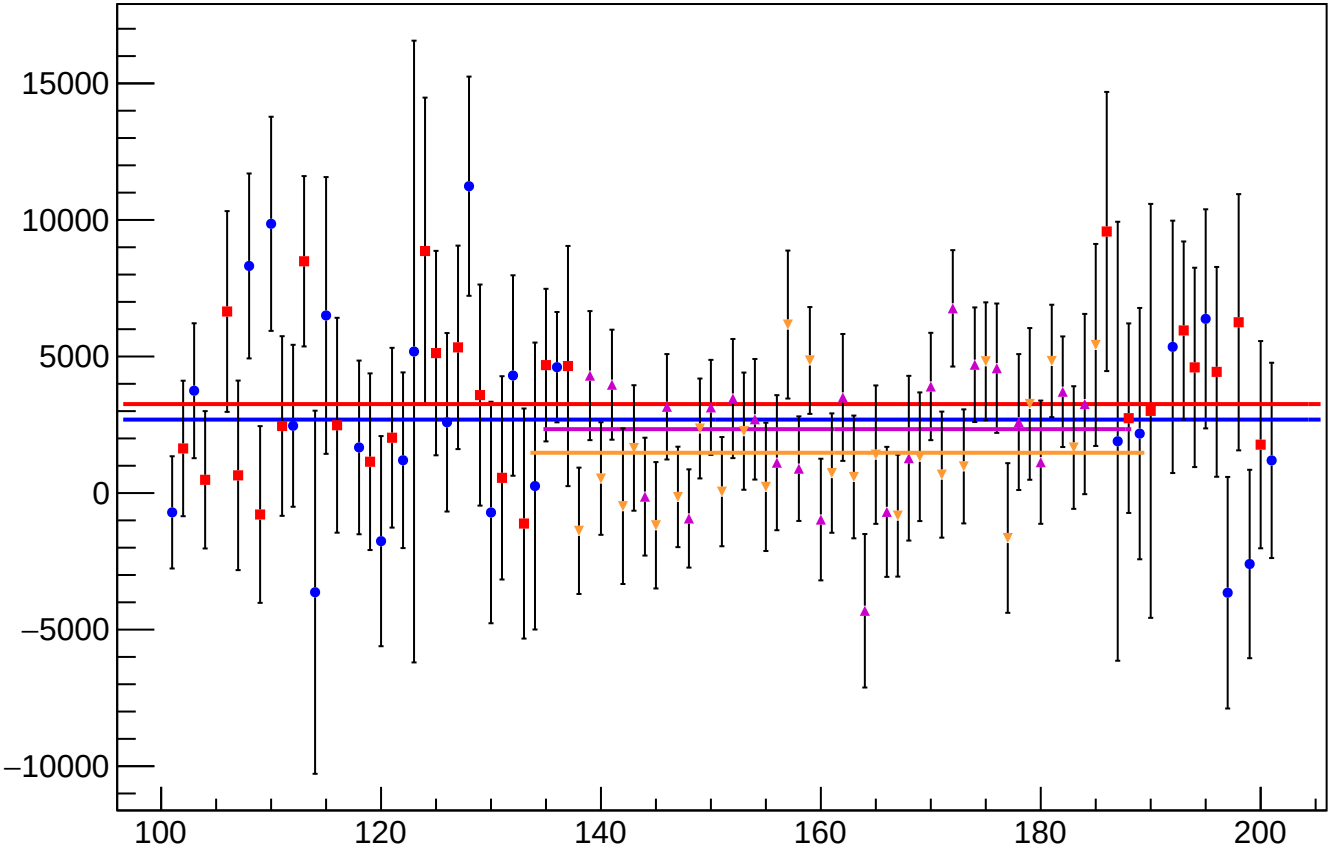
Right: 3002.485+/-0.687 χ^2/NDF: 350368.8/14

In: 1639.097+/-0.257 χ^2/NDF:2858138.7/29

Out: 1676.608+/-0.253 χ^2/NDF:3290600.3/32

All: 1658.136+/-0.180 χ^2/NDF: 6159563.6/62

asym_usr_mean vs Slug, Sign Corrected



Right In: 2689.905+/-714.110 χ^2/NDF: 24.7/23

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

Right Out: 3257.992+/-697.360 χ^2/NDF: 14.7/25

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

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

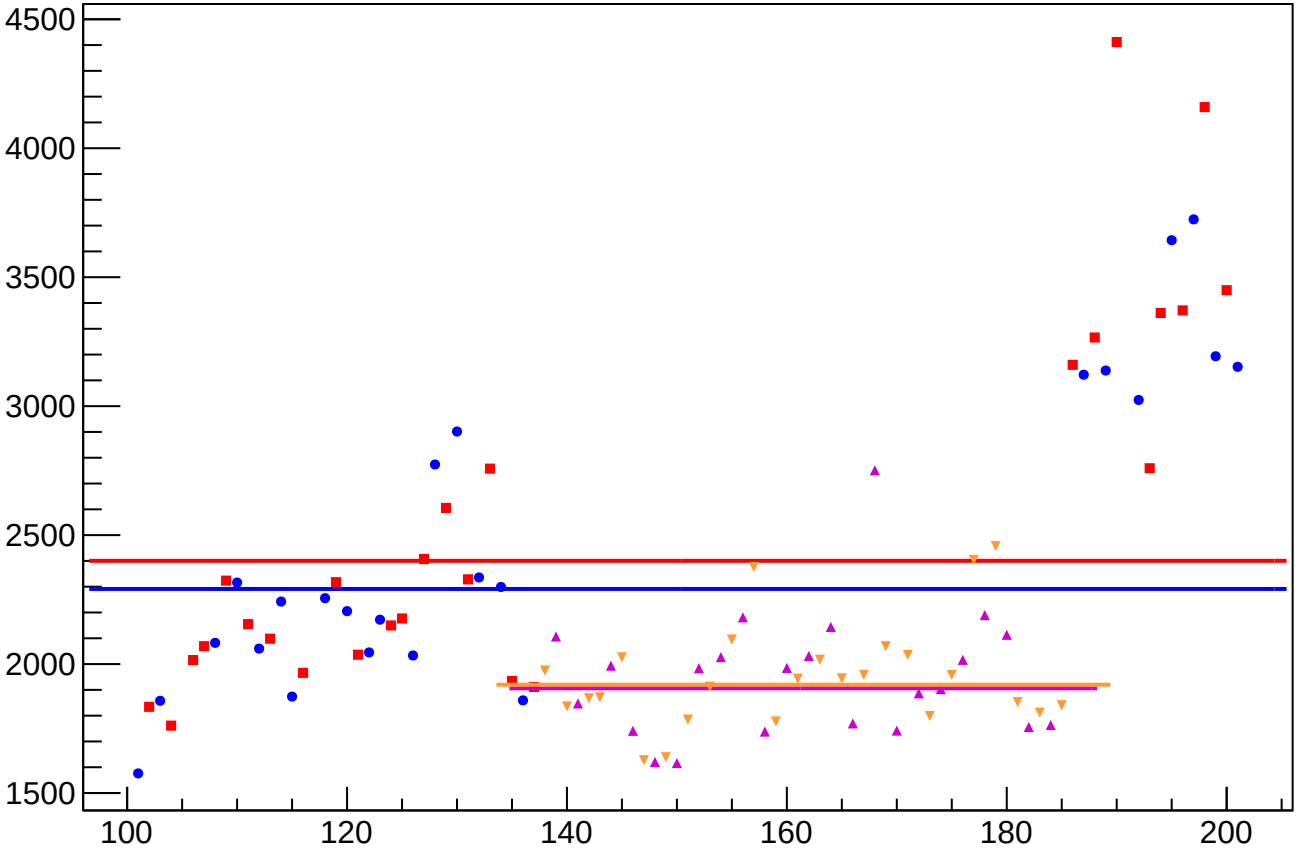
Right: 2980.689+/-498.924 χ^2/NDF: 39.7/49

In: 2441.740+/-385.193 χ^2/NDF:50.1/46

Out: 2001.845+/-378.909 χ^2/NDF:40.2/50

All: 2218.175+/-270.124 χ^2/NDF: 90.9/97

asym_usr_rms vs Slug, Sign Corrected



Right In: 2291.249+/-0.505 χ^2/NDF: 1377006.7/23

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

Right Out: 2400.380+/-0.493 χ^2/NDF: 1500868.5/25

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

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

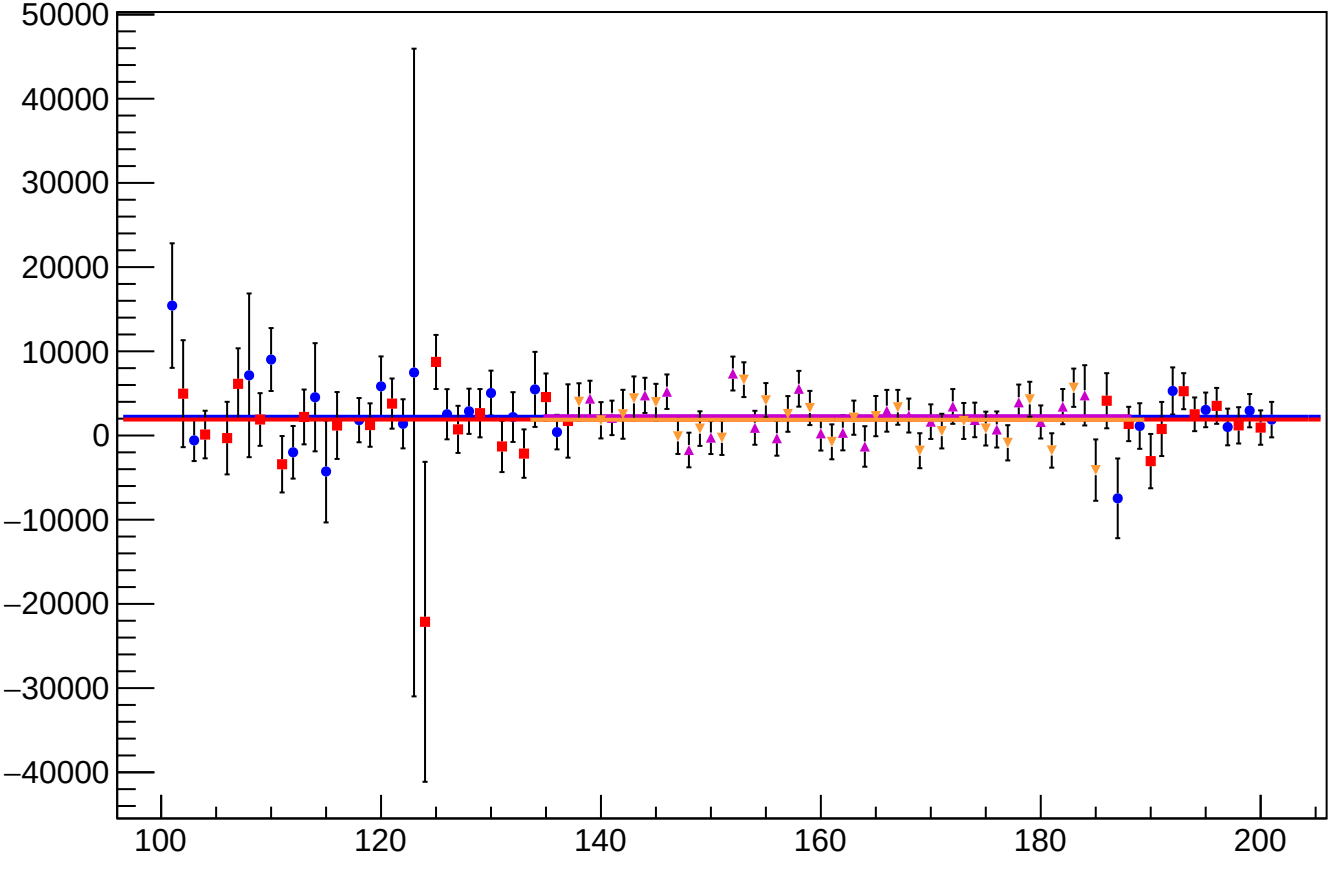
Right: 2347.109+/-0.353 χ^2/NDF: 2901783.3/49

In: 2018.121+/-0.272 χ^2/NDF:2240691.3/46

Out: 2061.879+/-0.268 χ^2/NDF:2535417.3/50

All: 2040.360+/-0.191 χ^2/NDF: 4789225.9/97

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2225.943+/-598.255 χ^2/NDF: 21.0/23

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

Right Out: 1897.009+/-550.536 χ^2/NDF: 21.8/26

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

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

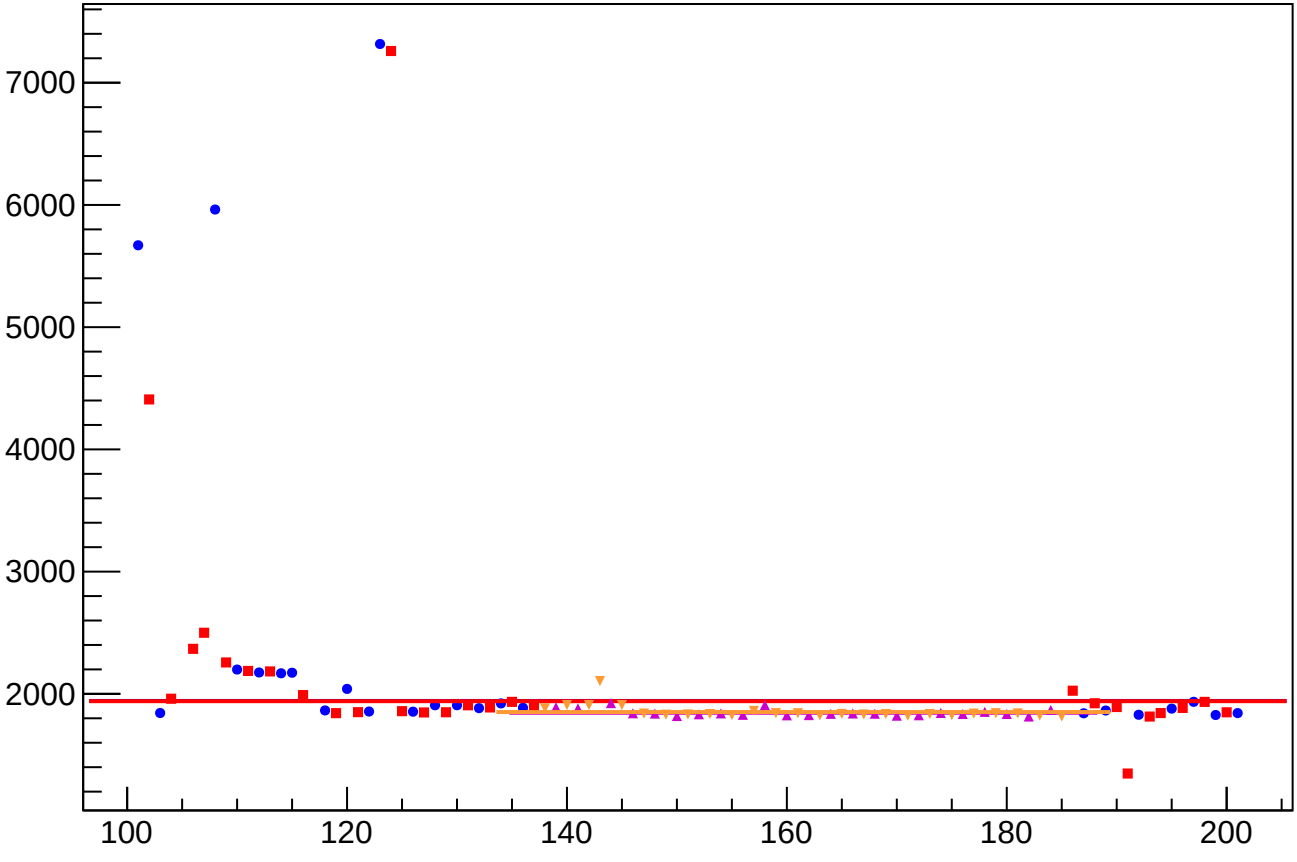
Right: 2047.836+/-405.109 χ^2/NDF: 42.9/50

In: 2265.029+/-354.981 χ^2/NDF:48.3/46

Out: 1883.597+/-340.464 χ^2/NDF:51.8/51

All: 2066.354+/-245.716 χ^2/NDF: 100.7/98

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1941.833+/-0.423 χ^2/NDF: 947157.5/23

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

Right Out: 1940.099+/-0.389 χ^2/NDF: 654983.3/26

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

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

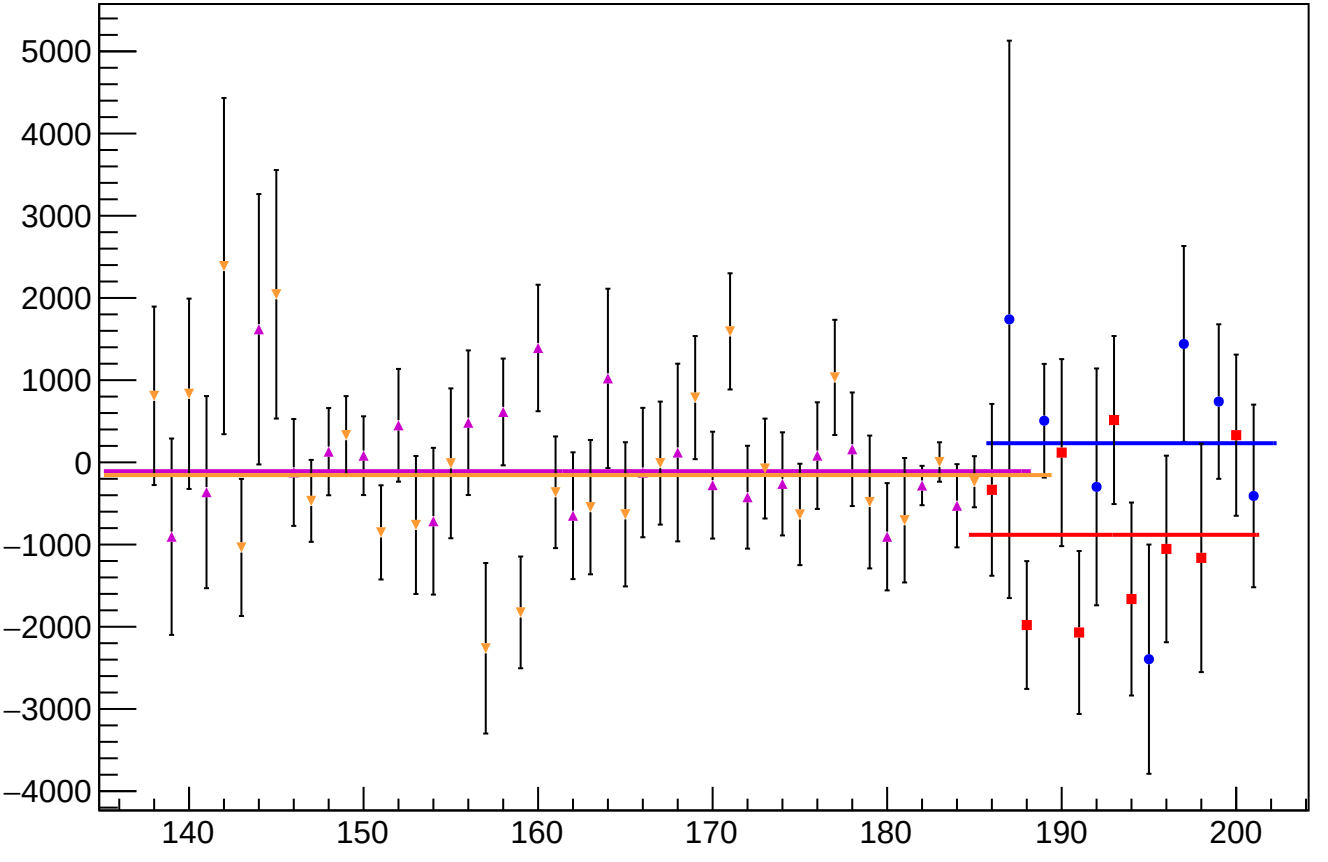
Right: 1940.894+/-0.286 χ^2/NDF: 1602149.9/50

In: 1879.359+/-0.251 χ^2/NDF:989137.9/46

Out: 1885.116+/-0.241 χ^2/NDF:713537.1/51

All: 1882.358+/-0.174 χ^2/NDF: 1702949.0/98

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 232.888+/-414.449 χ^2/NDF: 5.7/6

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

Right Out: -881.469+/-345.476 χ^2/NDF: 8.4/8

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

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

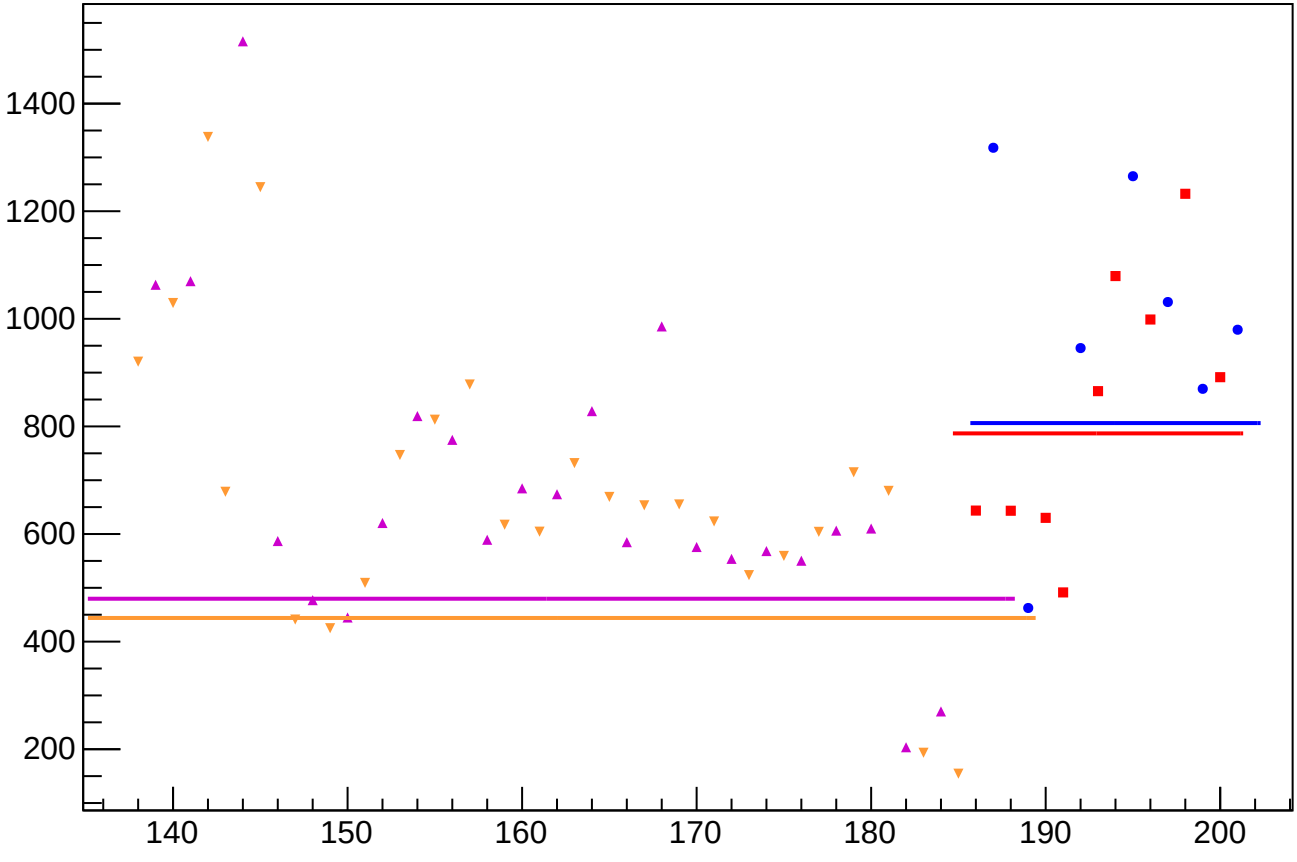
Right: -424.606+/-265.370 χ^2/NDF: 18.3/15

In: -77.934+/-121.933 χ^2/NDF:19.8/29

Out: -232.672+/-113.065 χ^2/NDF:45.3/33

All: -161.134+/-82.907 χ^2/NDF: 66.0/63

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 806.213+/-0.293 χ^2/NDF: 904358.9/6

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

Right Out: 787.031+/-0.244 χ^2/NDF: 755635.6/8

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

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

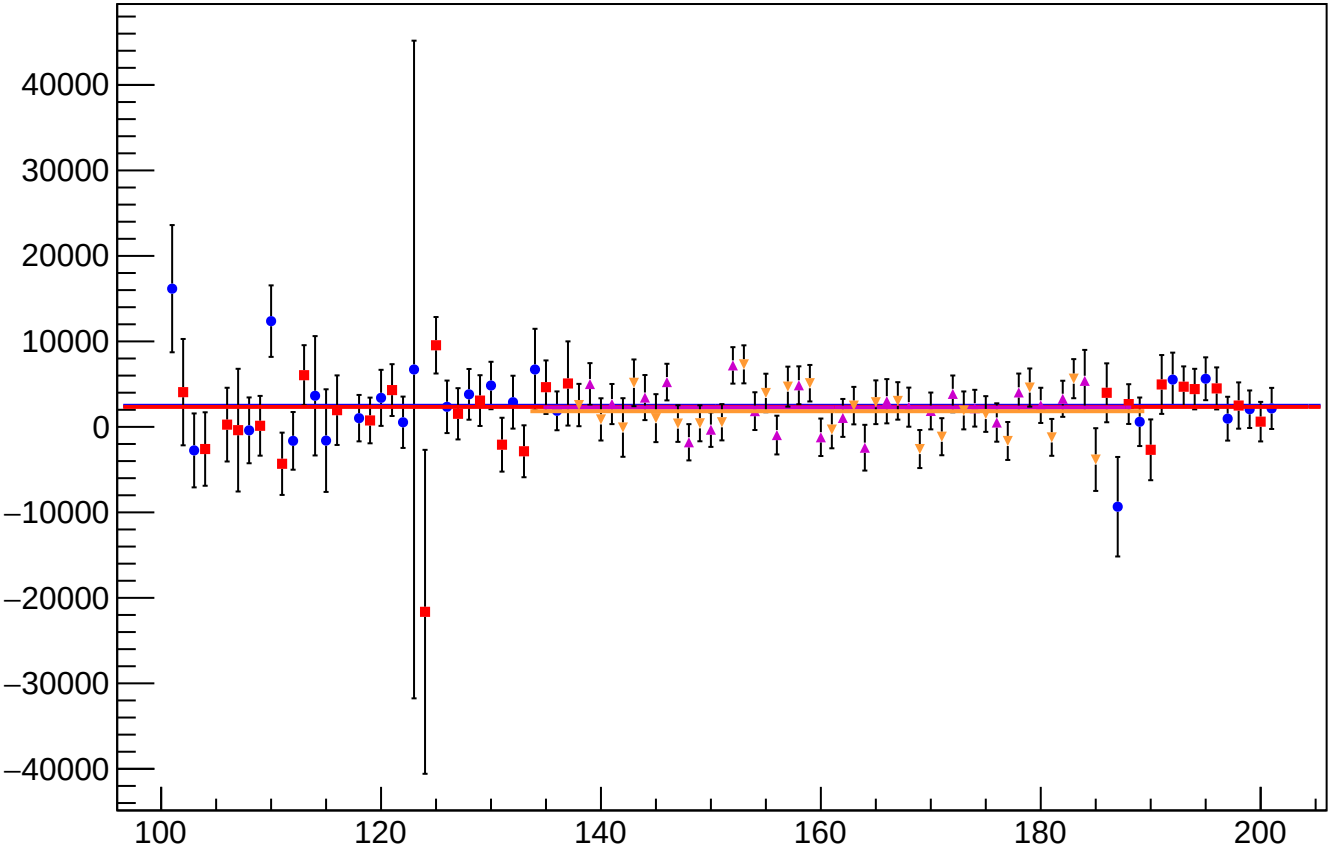
Right: 794.896+/-0.188 χ^2/NDF: 1662522.3/15

In: 507.983+/-0.086 χ^2/NDF:8772690.5/29

Out: 480.707+/-0.080 χ^2/NDF:11089764.7/33

All: 493.317+/-0.059 χ^2/NDF: 19916267.5/63

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2467.159+/-657.915 χ^2/NDF: 23.1/23

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

Right Out: 2337.462+/-614.456 χ^2/NDF: 25.6/26

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

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

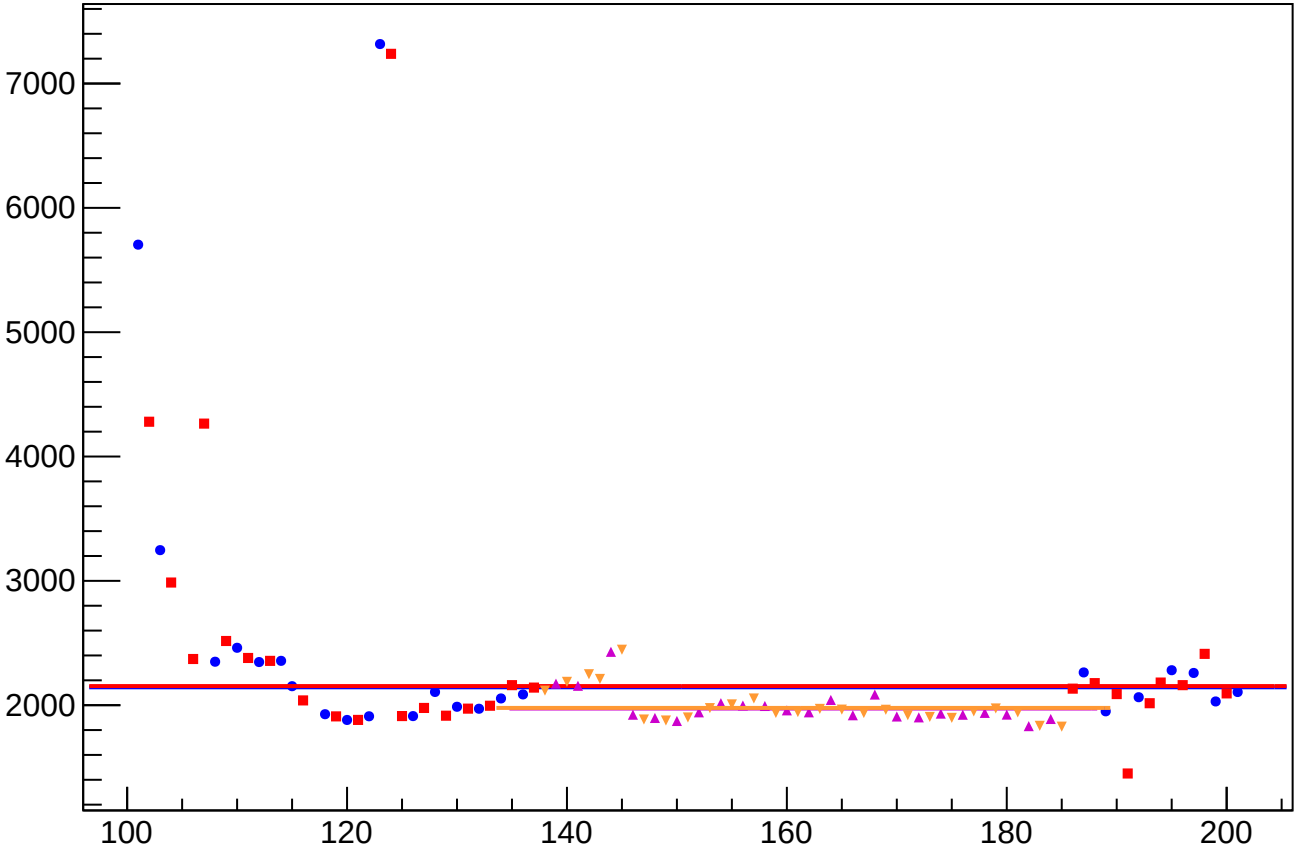
Right: 2397.886+/-449.064 χ^2/NDF: 48.6/50

In: 2330.574+/-383.687 χ^2/NDF:49.5/46

Out: 2017.180+/-370.171 χ^2/NDF:58.8/51

All: 2168.260+/-266.400 χ^2/NDF: 108.6/98

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2143.991+/-0.465 χ^2/NDF: 741753.1/23

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

Right Out: 2153.734+/-0.434 χ^2/NDF: 854884.3/26

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

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

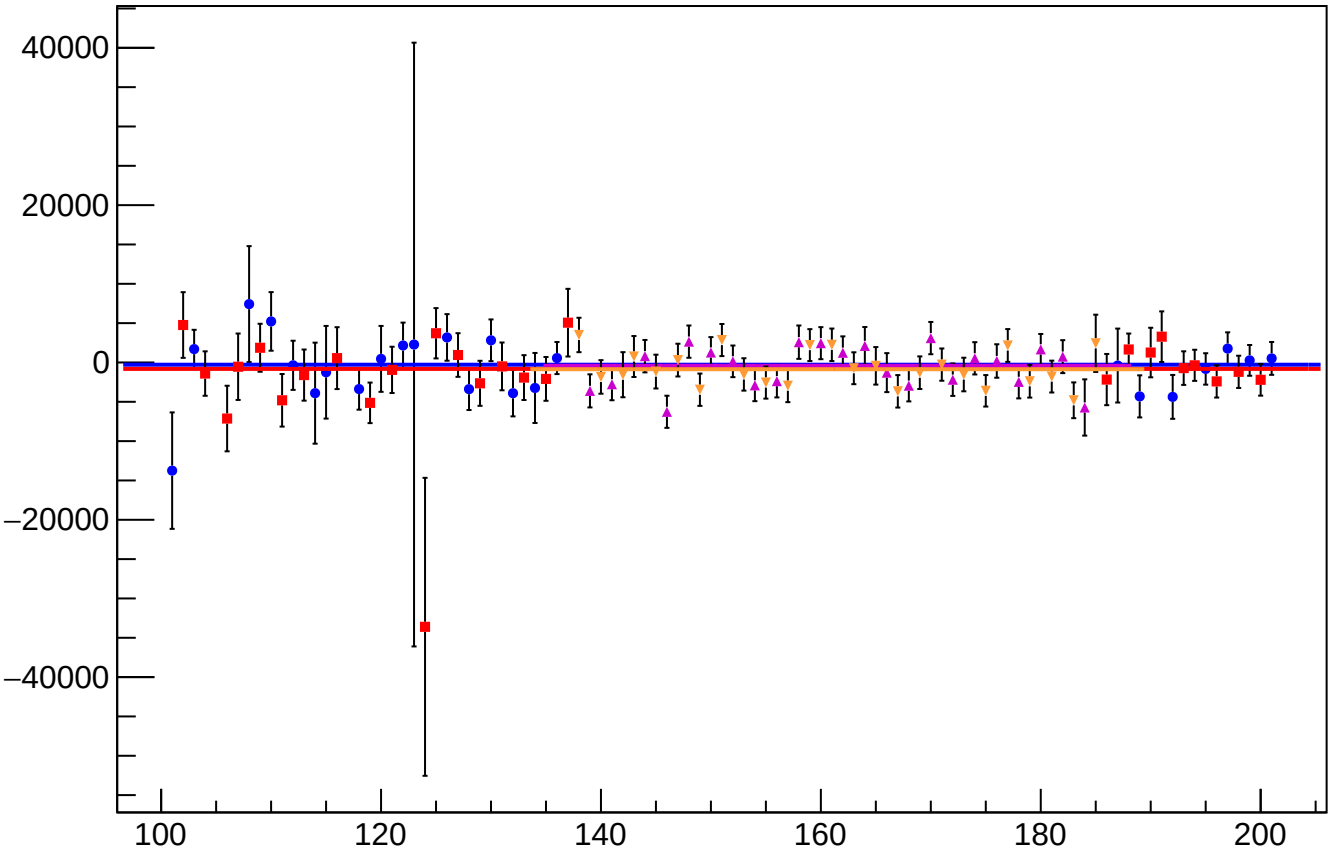
Right: 2149.195+/-0.318 χ^2/NDF: 1596871.7/50

In: 2031.298+/-0.271 χ^2/NDF:951154.5/46

Out: 2041.808+/-0.262 χ^2/NDF:1096749.4/51

All: 2036.741+/-0.188 χ^2/NDF: 2048681.1/98

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -286.509+/-592.694 χ^2/NDF: 21.7/23

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

Right Out: -818.373+/-540.863 χ^2/NDF: 22.3/26

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

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

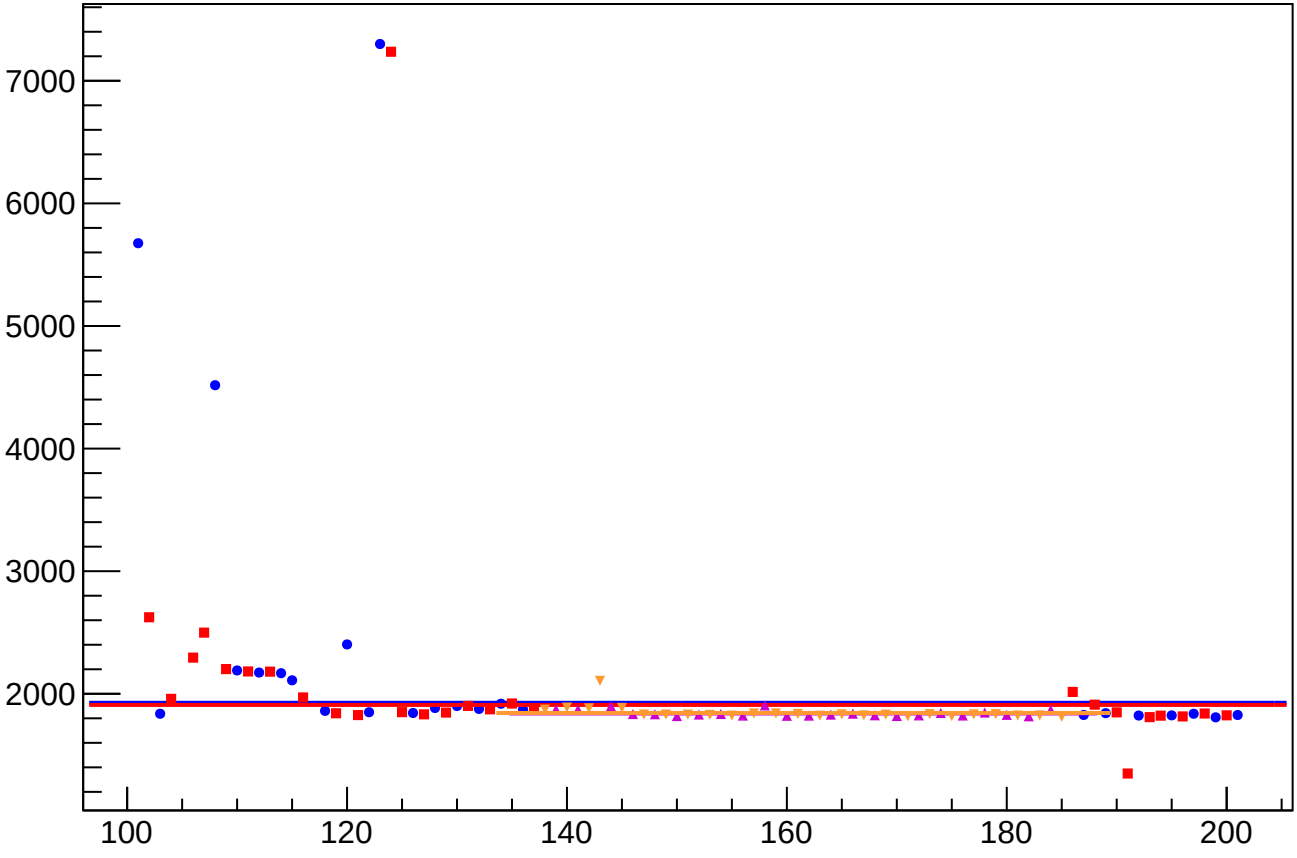
Right: -576.709+/-399.517 χ^2/NDF: 44.3/50

In: -377.587+/-353.062 χ^2/NDF:55.4/46

Out: -842.979+/-337.290 χ^2/NDF:49.1/51

All: -620.910+/-243.885 χ^2/NDF: 105.4/98

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1926.647+/-0.419 χ^2/NDF: 888122.5/23

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

Right Out: 1909.273+/-0.382 χ^2/NDF: 408235.5/26

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

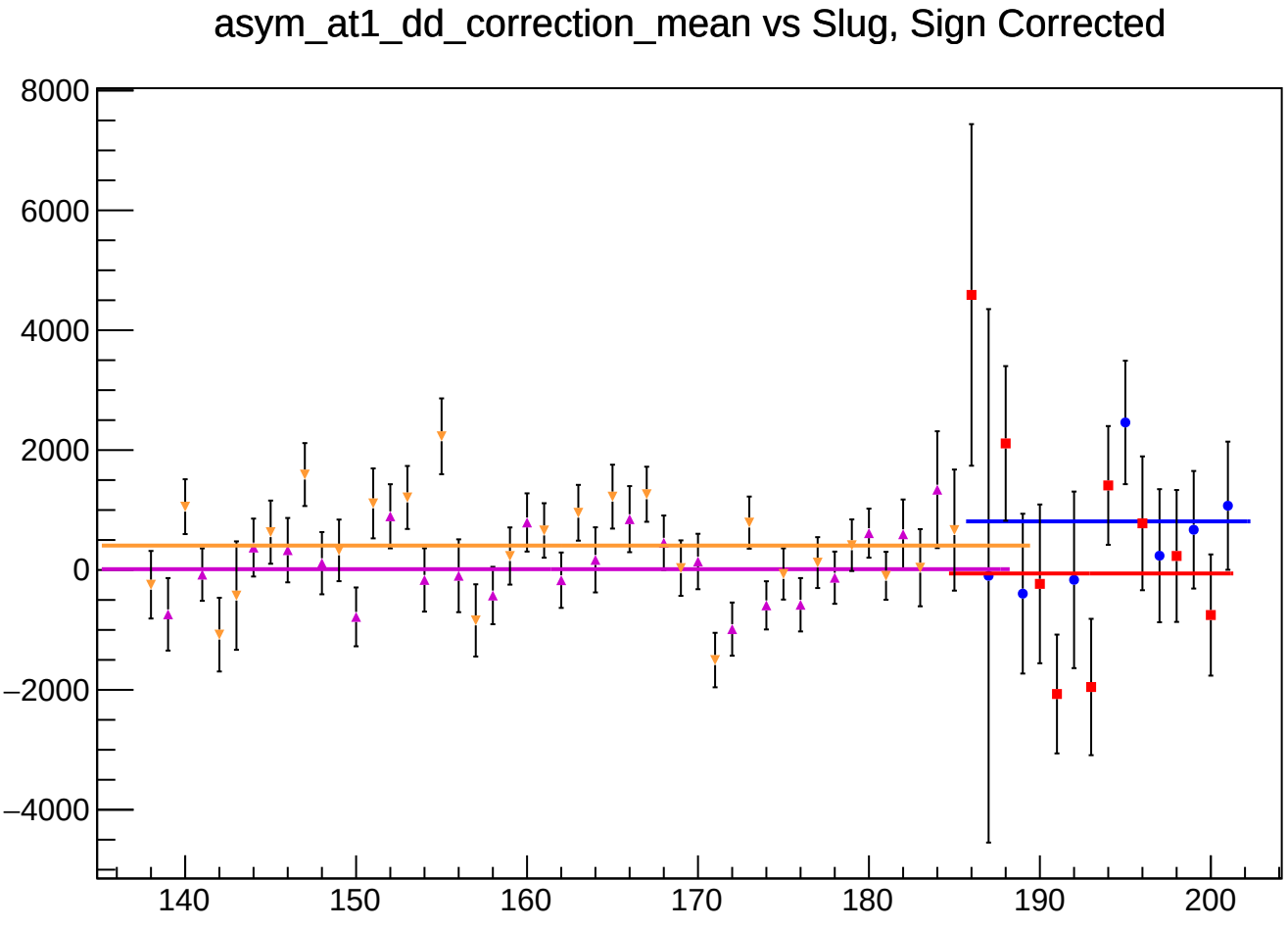
Left: 1841.521+/-0.218 χ^2/NDF: 31481.4/47

Right: 1917.167+/-0.283 χ^2/NDF: 1297295.6/50

In: 1870.379+/-0.250 χ^2/NDF:922480.5/46

Out: 1869.100+/-0.238 χ^2/NDF:451265.6/51

All: 1869.710+/-0.172 χ^2/NDF: 1373759.8/98



Right In: 810.797+/-459.129 χ^2/NDF: 4.2/6

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

Right Out: -58.540+/-386.017 χ^2/NDF: 15.7/8

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

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

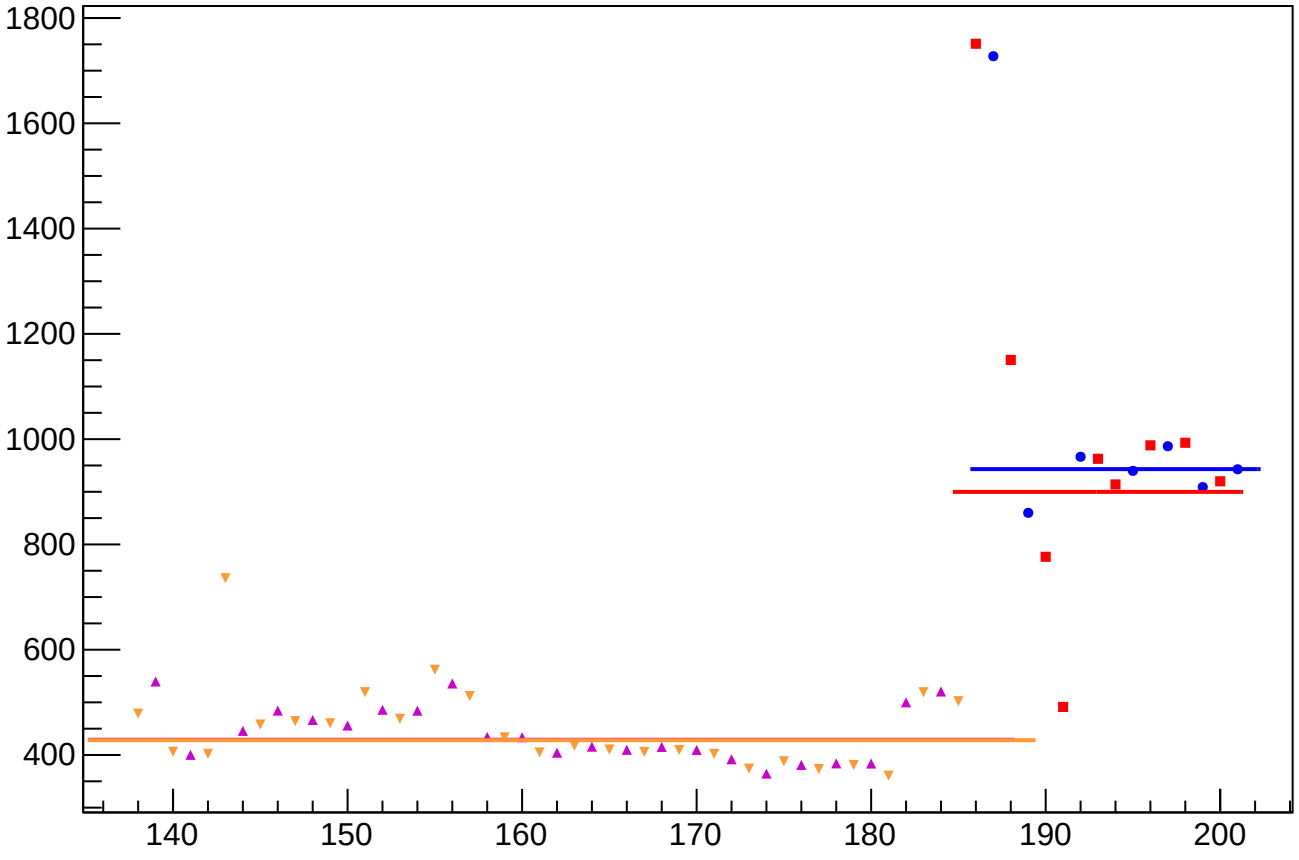
Right: 301.483+/-295.465 χ^2/NDF: 22.0/15

In: 51.541+/-100.421 χ^2/NDF:36.3/29

Out: 377.349+/-97.911 χ^2/NDF:79.2/33

All: 218.567+/-70.104 χ^2/NDF: 120.9/63

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 943.083+/-0.325 χ^2/NDF: 75938.9/6

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

Right Out: 899.845+/-0.273 χ^2/NDF: 645278.2/8

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

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

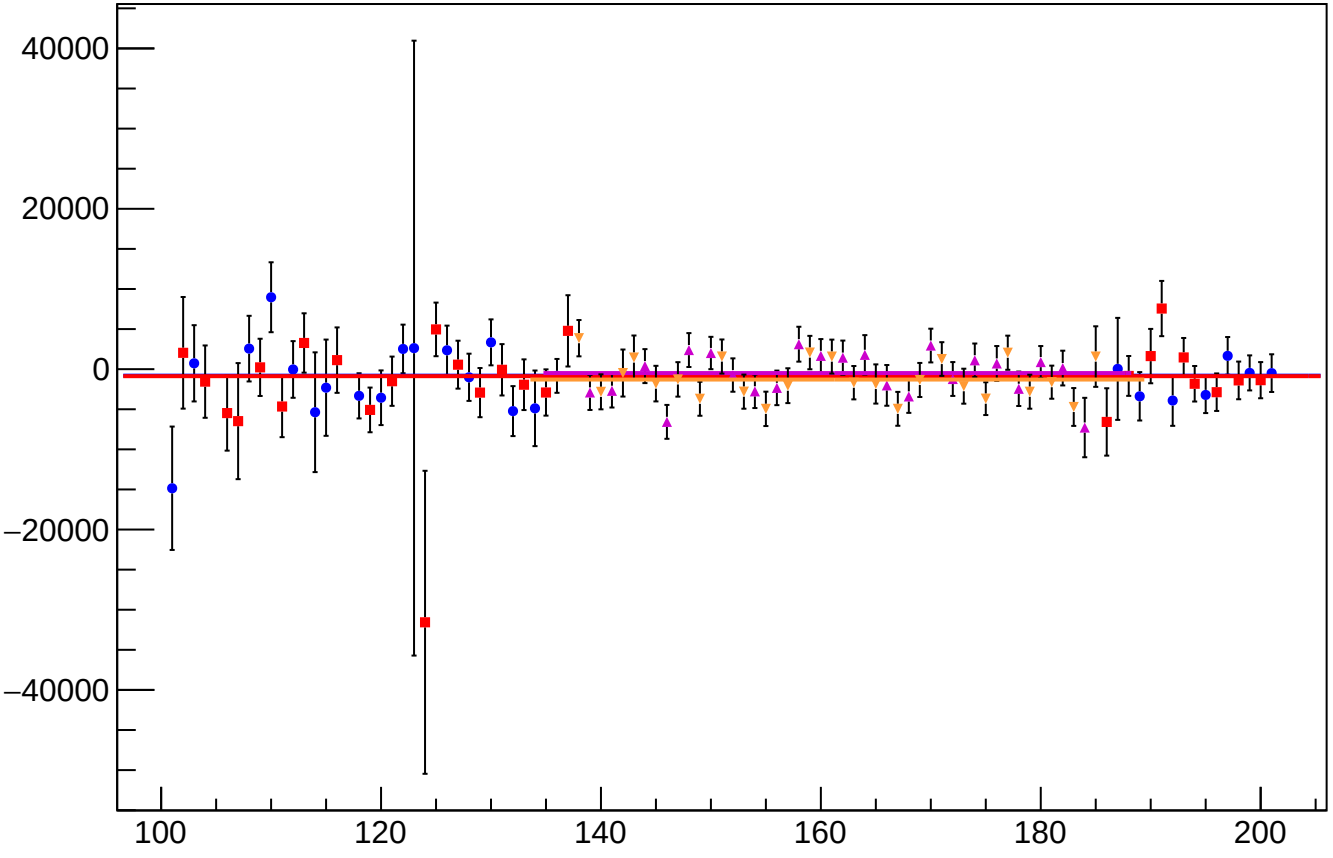
Right: 917.751+/-0.209 χ^2/NDF: 731608.5/15

In: 453.523+/-0.071 χ^2/NDF:2882846.9/29

Out: 458.405+/-0.069 χ^2/NDF:4145384.8/33

All: 456.026+/-0.050 χ^2/NDF: 7030655.2/63

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -808.593+/-653.928 χ^2/NDF: 22.2/23

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

Right Out: -874.103+/-614.035 χ^2/NDF: 25.6/26

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

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

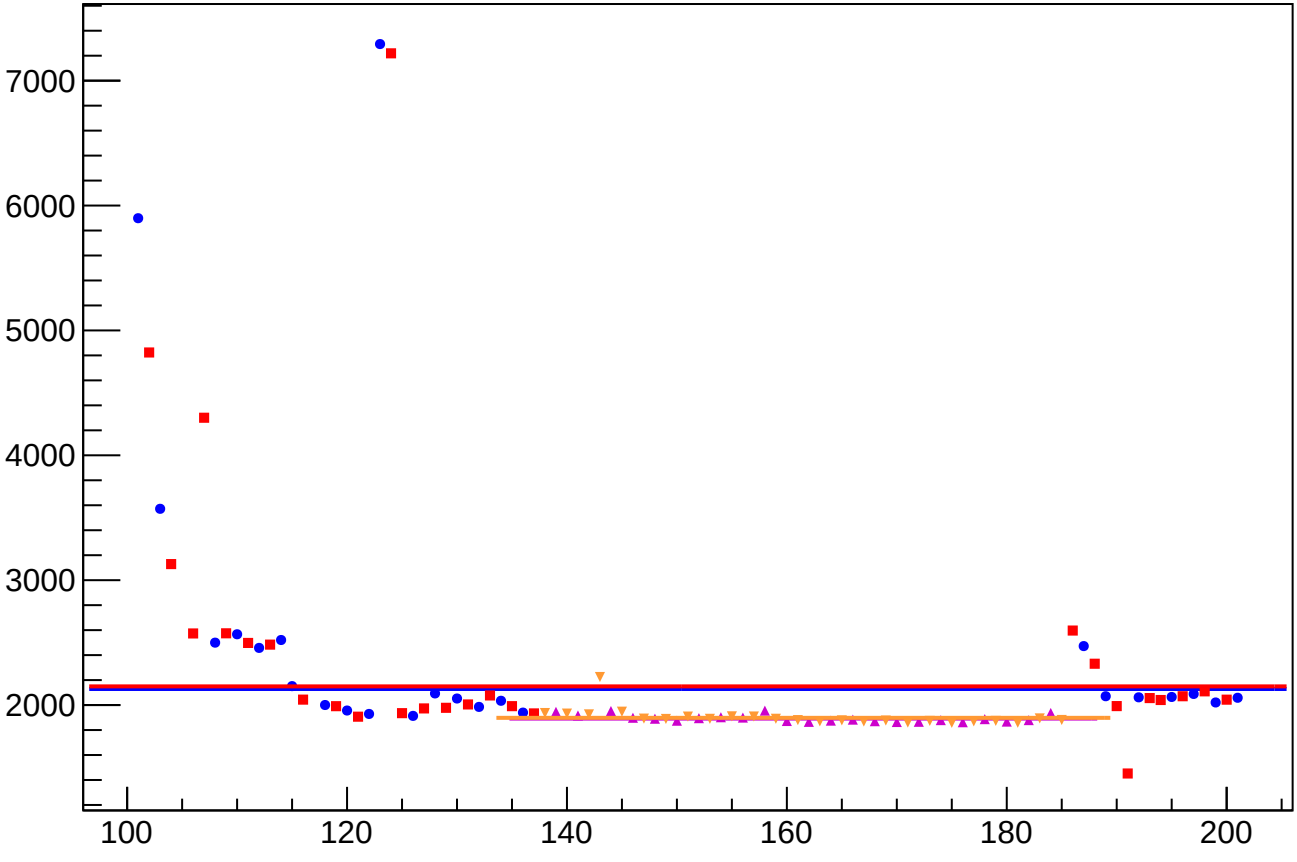
Right: -843.407+/-447.627 χ^2/NDF: 47.8/50

In: -590.185+/-371.833 χ^2/NDF:54.8/46

Out: -1149.869+/-359.875 χ^2/NDF:55.6/51

All: -879.171+/-258.594 χ^2/NDF: 111.5/98

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2128.816+/-0.462 χ^2/NDF: 827042.3/23

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

Right Out: 2149.590+/-0.434 χ^2/NDF: 980232.4/26

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

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

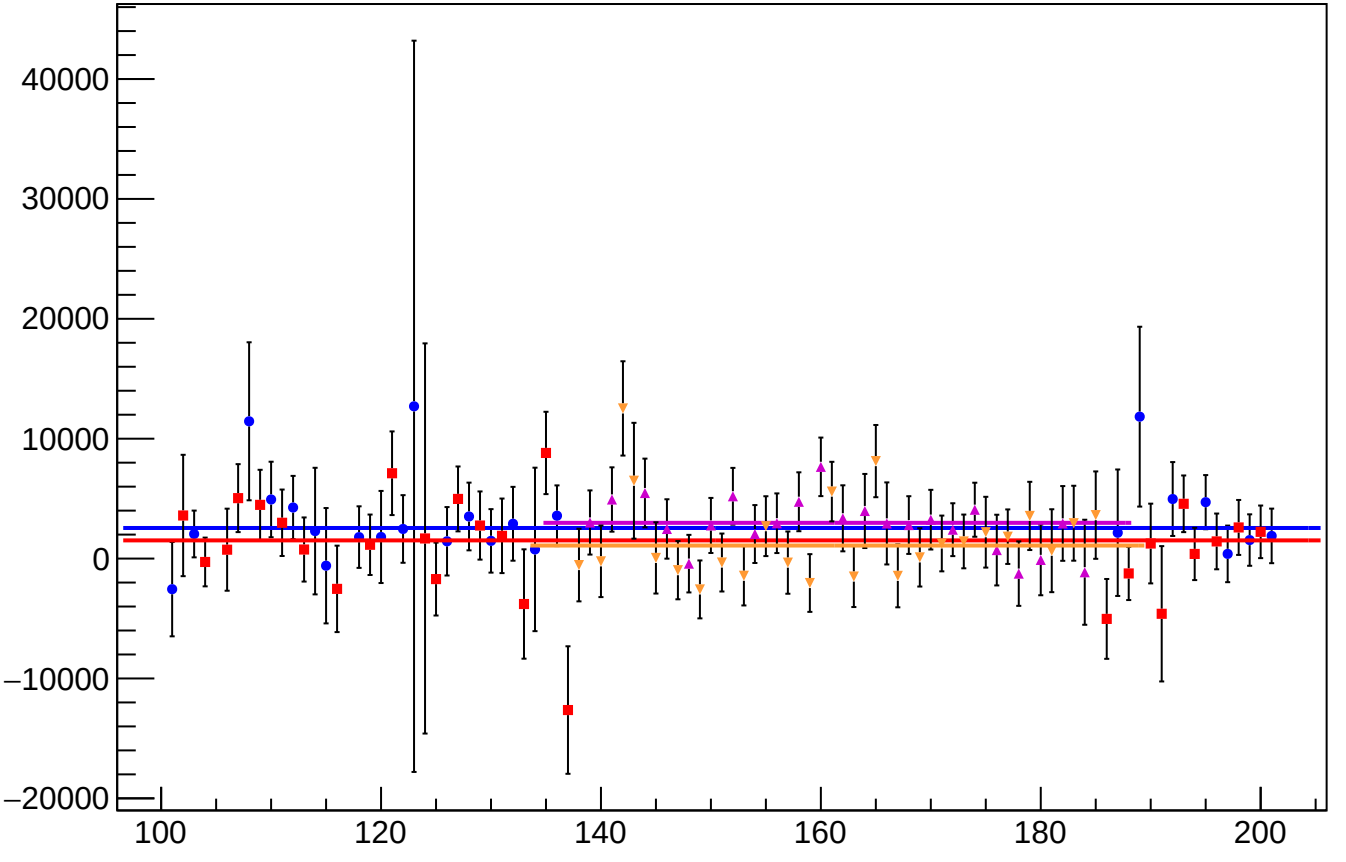
Right: 2139.856+/-0.317 χ^2/NDF: 1808347.3/50

In: 1968.380+/-0.263 χ^2/NDF:1012533.4/46

Out: 1984.202+/-0.254 χ^2/NDF:1236330.3/51

All: 1976.550+/-0.183 χ^2/NDF: 2250733.6/98

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2551.792+/-615.589 χ^2/NDF: 10.1/23

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

Right Out: 1517.101+/-556.799 χ^2/NDF: 32.6/26

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

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

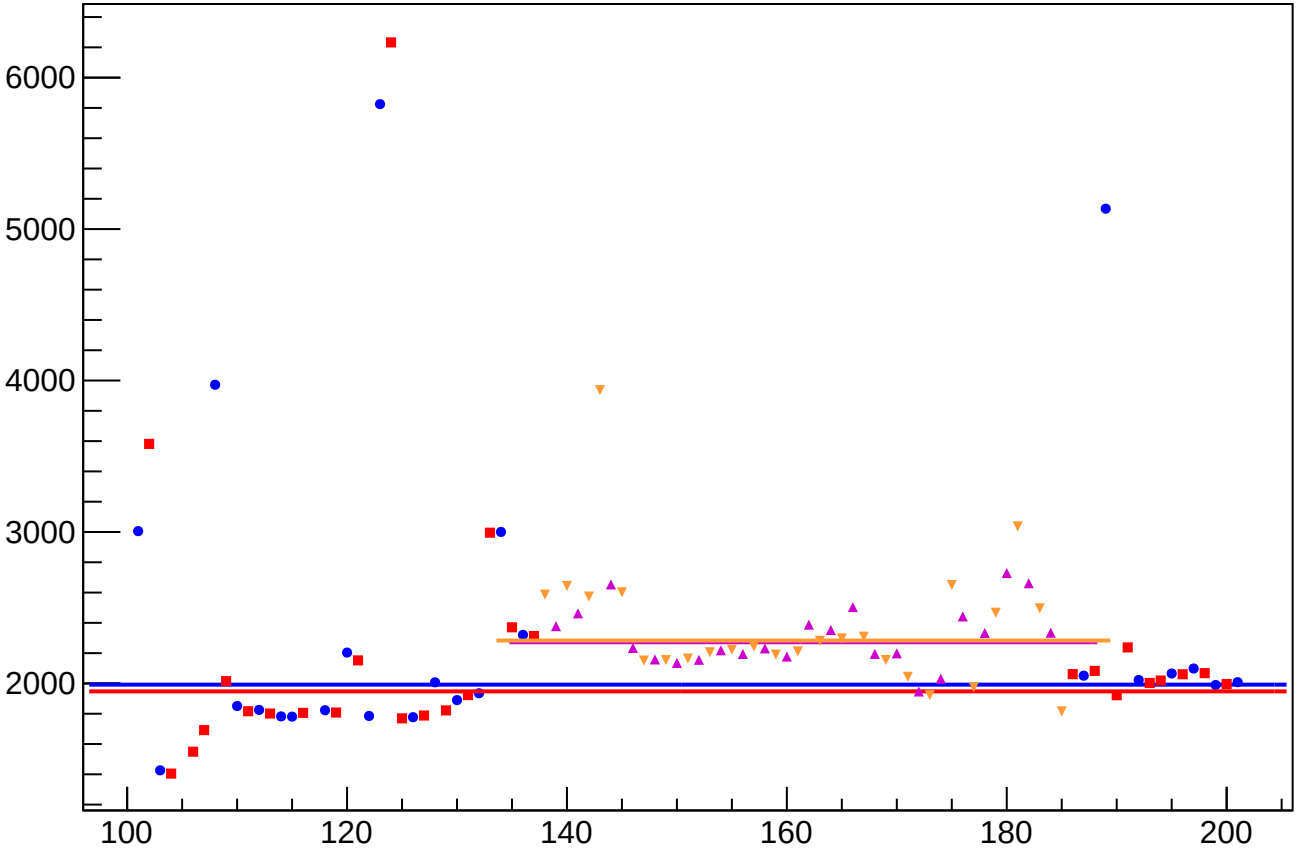
Right: 1982.692+/-412.941 χ^2/NDF: 44.2/50

In: 2792.065+/-408.522 χ^2/NDF:24.4/46

Out: 1296.319+/-388.004 χ^2/NDF:62.7/51

All: 2005.688+/-281.334 χ^2/NDF: 94.2/98

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1991.962+/-0.435 χ^2/NDF: 1008031.4/23

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

Right Out: 1947.648+/-0.394 χ^2/NDF: 753809.6/26

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

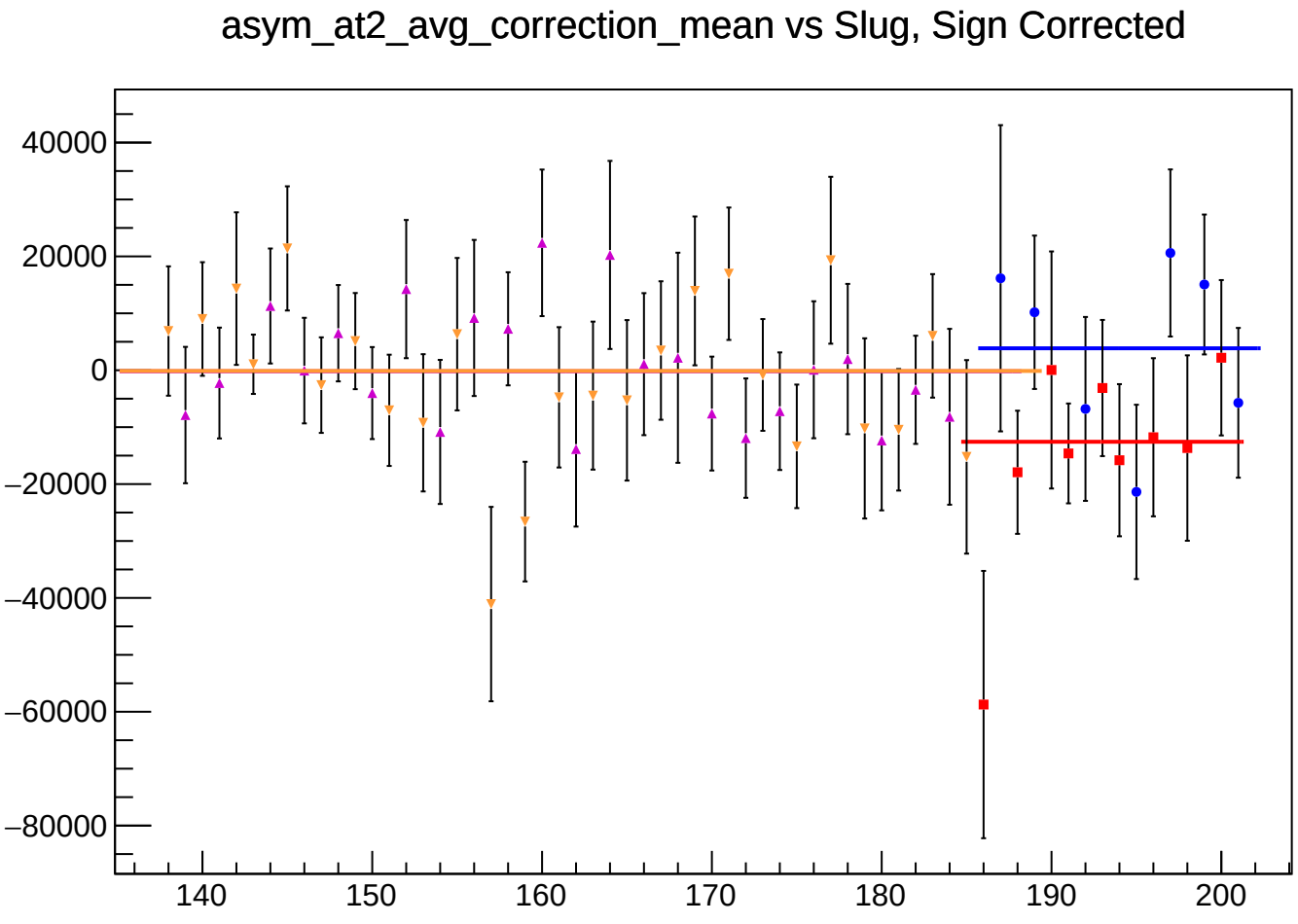
Left: 2277.628+/-0.272 χ^2/NDF: 878405.9/47

Right: 1967.586+/-0.292 χ^2/NDF: 1767542.1/50

In: 2148.640+/-0.289 χ^2/NDF:1483098.5/46

Out: 2120.242+/-0.274 χ^2/NDF:1761934.2/51

All: 2133.709+/-0.199 χ^2/NDF: 3250114.1/98



Right In: 3855.960+/-5587.748 χ^2/NDF: 6.2/6

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

Right Out: -12568.169+/-4361.164 χ^2/NDF: 6.4/8

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

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

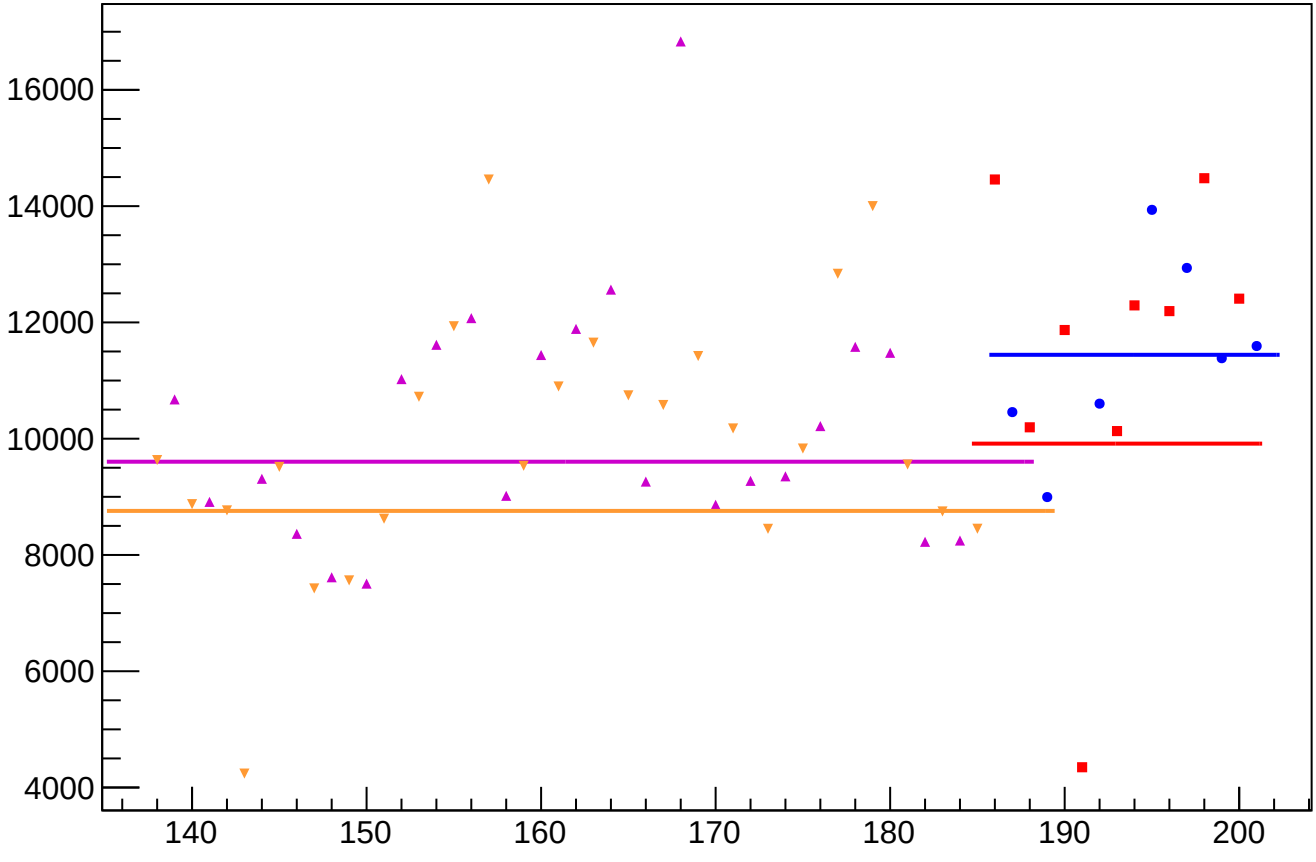
Right: -6350.689+/-3437.976 χ^2/NDF: 18.0/15

In: 413.714+/-2150.840 χ^2/NDF:21.7/29

Out: -2542.761+/-1922.601 χ^2/NDF:42.6/33

All: -1229.659+/-1433.409 χ^2/NDF: 65.4/63

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 11442.821+/-3.951 χ^2/NDF: 148153.8/6

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

Right Out: 9915.076+/-3.084 χ^2/NDF: 1241425.1/8

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

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

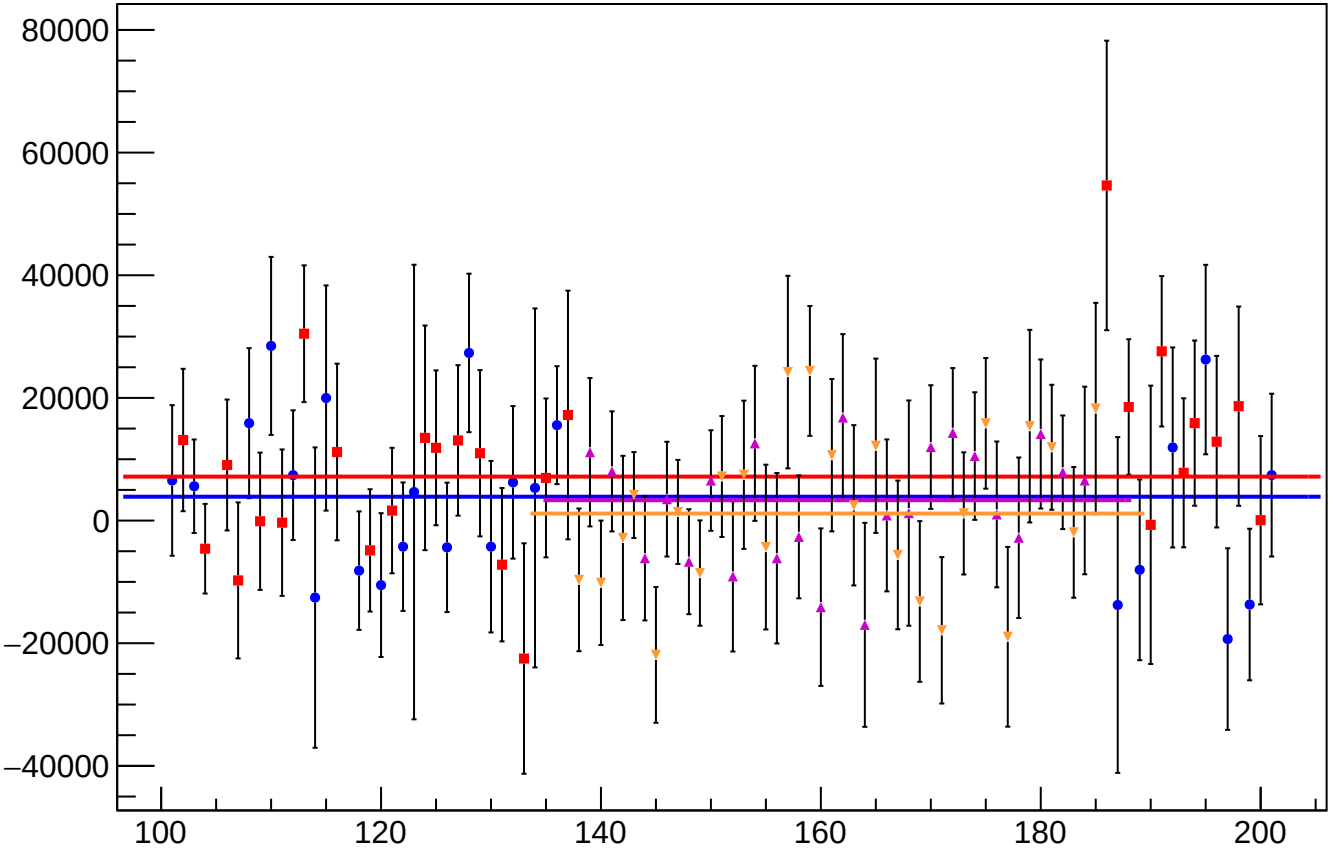
Right: 10493.415+/-2.431 χ^2/NDF: 1482488.3/15

In: 9876.470+/-1.521 χ^2/NDF:1428451.9/29

Out: 8982.726+/-1.359 χ^2/NDF:4133987.7/33

All: 9379.677+/-1.014 χ^2/NDF: 5754396.0/63

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3888.794+/-2618.167 χ^2/NDF: 22.6/23

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

Right Out: 7167.075+/-2406.988 χ^2/NDF: 25.6/26

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

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

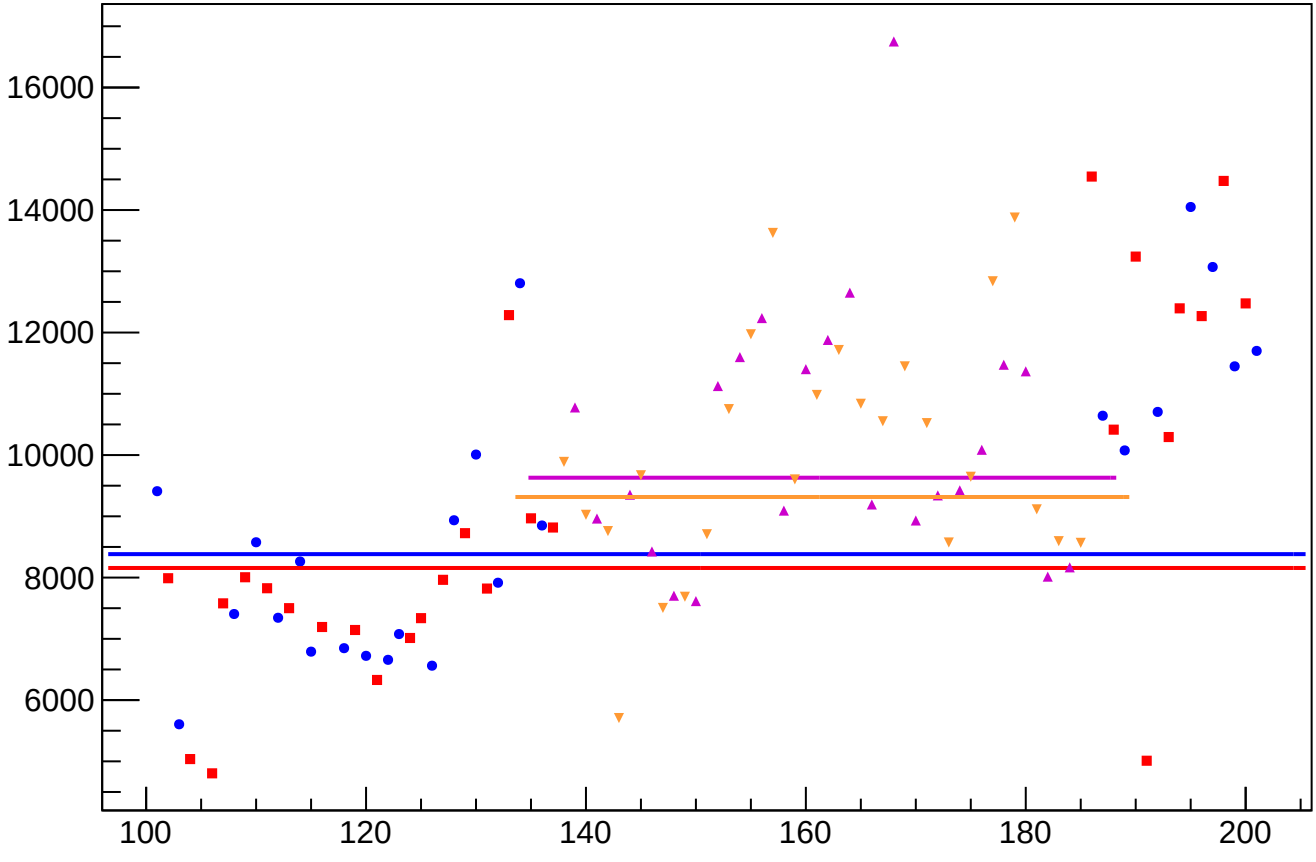
Right: 5665.459+/-1771.959 χ^2/NDF: 49.1/50

In: 3570.437+/-1743.137 χ^2/NDF:36.1/46

Out: 3929.758+/-1636.767 χ^2/NDF:56.9/51

All: 3761.395+/-1193.202 χ^2/NDF: 93.0/98

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 8382.704+/-1.851 χ^2/NDF: 1416143.6/23

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

Right Out: 8156.702+/-1.702 χ^2/NDF: 2192795.9/26

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

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

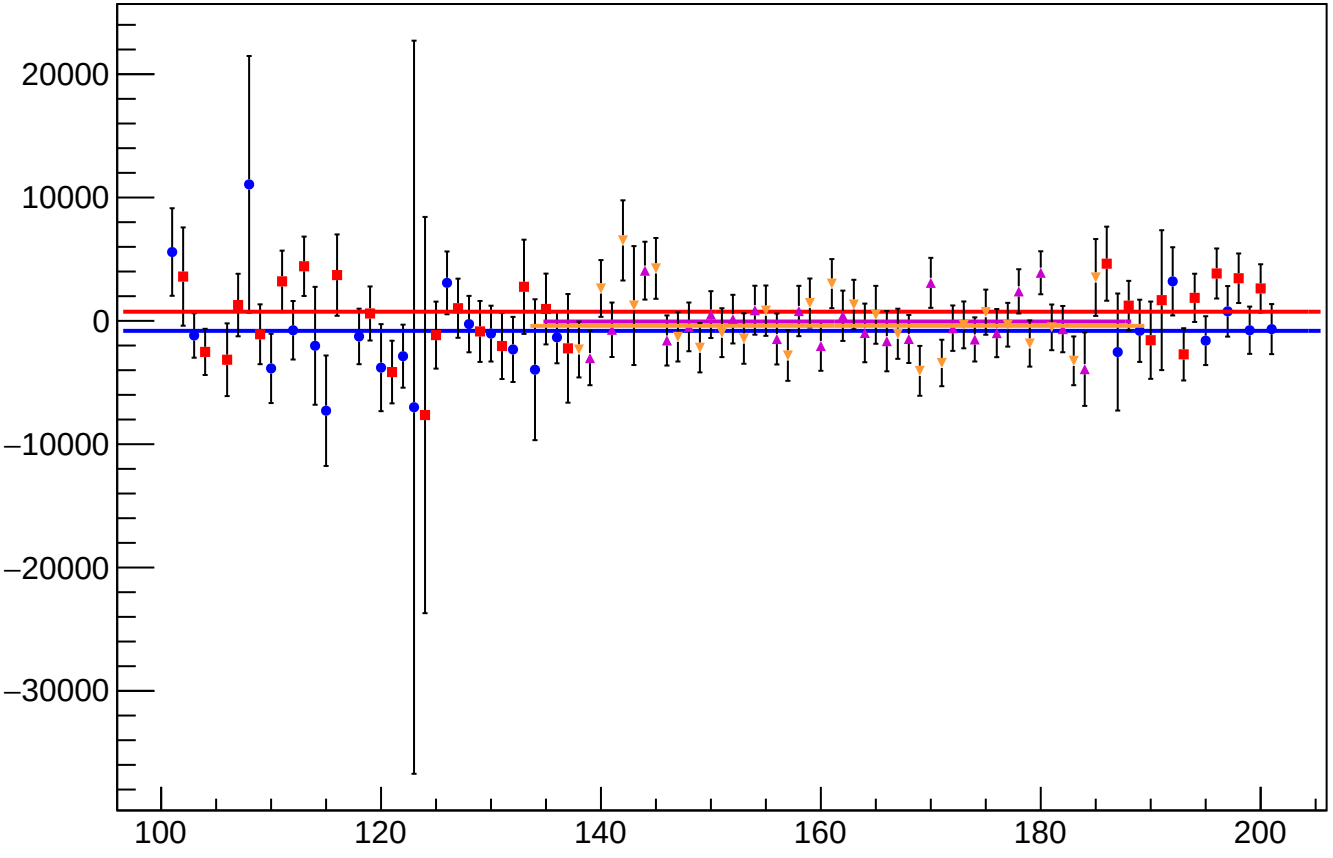
Right: 8260.213+/-1.253 χ^2/NDF: 3617016.8/50

In: 9077.290+/-1.233 χ^2/NDF:2743640.7/46

Out: 8779.550+/-1.157 χ^2/NDF:3945491.1/51

All: 8919.054+/-0.844 χ^2/NDF: 6720143.0/98

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -810.492+/-533.843 χ^2/NDF: 15.5/23

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

Right Out: 741.625+/-490.078 χ^2/NDF: 27.2/26

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

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

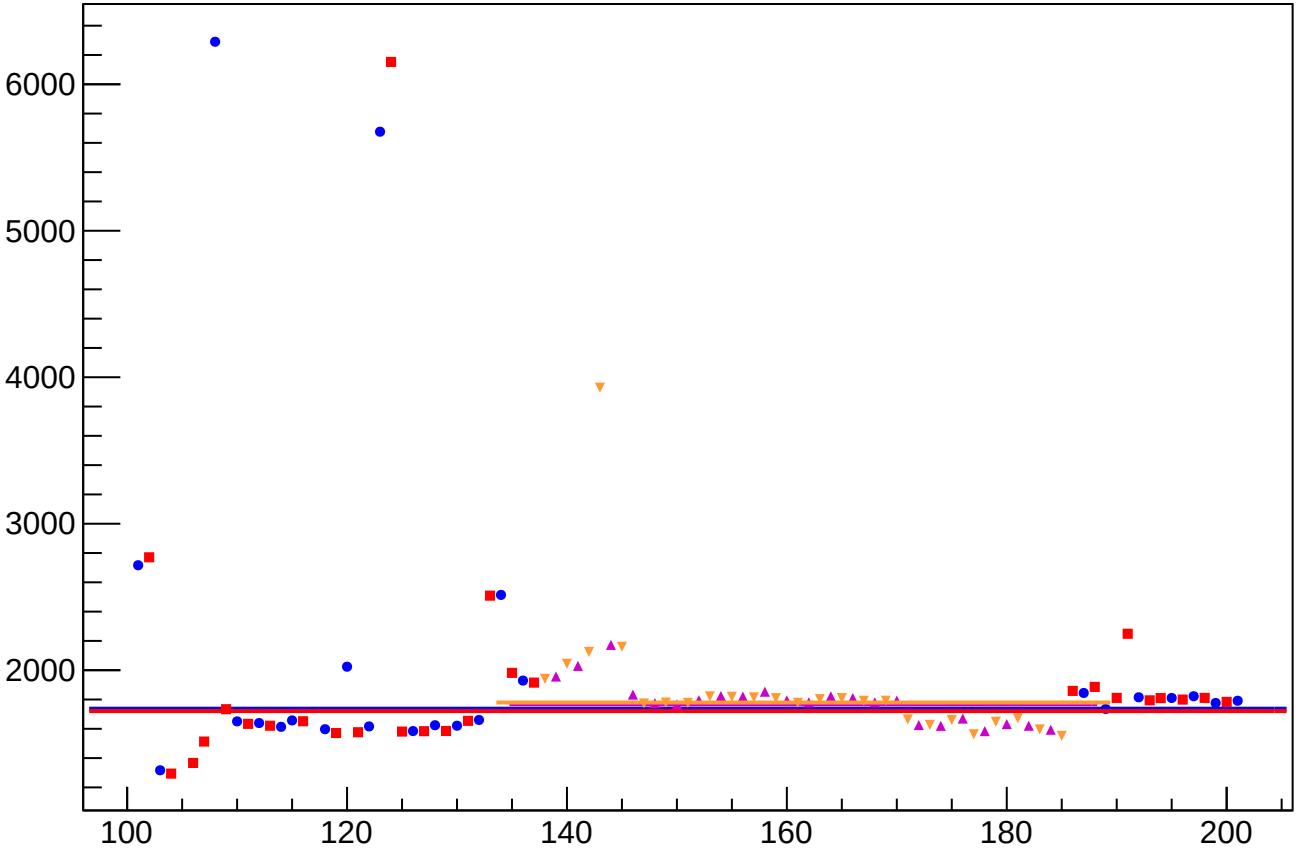
Right: 31.787+/-361.020 χ^2/NDF: 47.2/50

In: -345.124+/-331.331 χ^2/NDF:37.6/46

Out: 80.461+/-318.578 χ^2/NDF:59.2/51

All: -123.984+/-229.645 χ^2/NDF: 97.7/98

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1737.120+/-0.377 χ^2/NDF: 795397.5/23

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

Right Out: 1720.914+/-0.347 χ^2/NDF: 637086.2/26

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

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

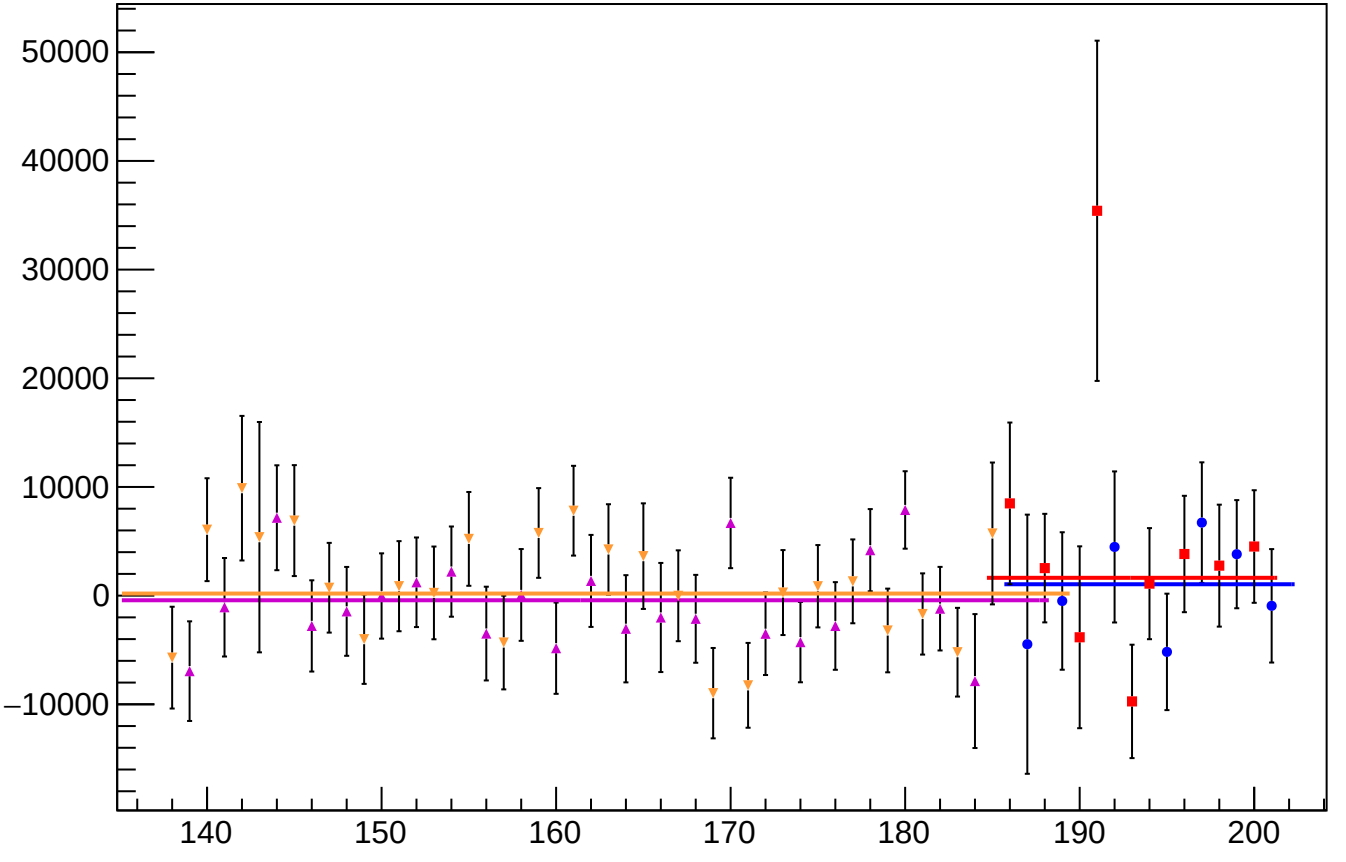
Right: 1728.326+/-0.255 χ^2/NDF: 1433483.9/50

In: 1755.683+/-0.234 χ^2/NDF:995914.7/46

Out: 1754.705+/-0.225 χ^2/NDF:1264477.8/51

All: 1755.175+/-0.162 χ^2/NDF: 2260401.5/98

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1047.832+/-2252.171 χ^2/NDF: 3.4/6

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

Right Out: 1640.537+/-1978.575 χ^2/NDF: 11.2/8

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

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

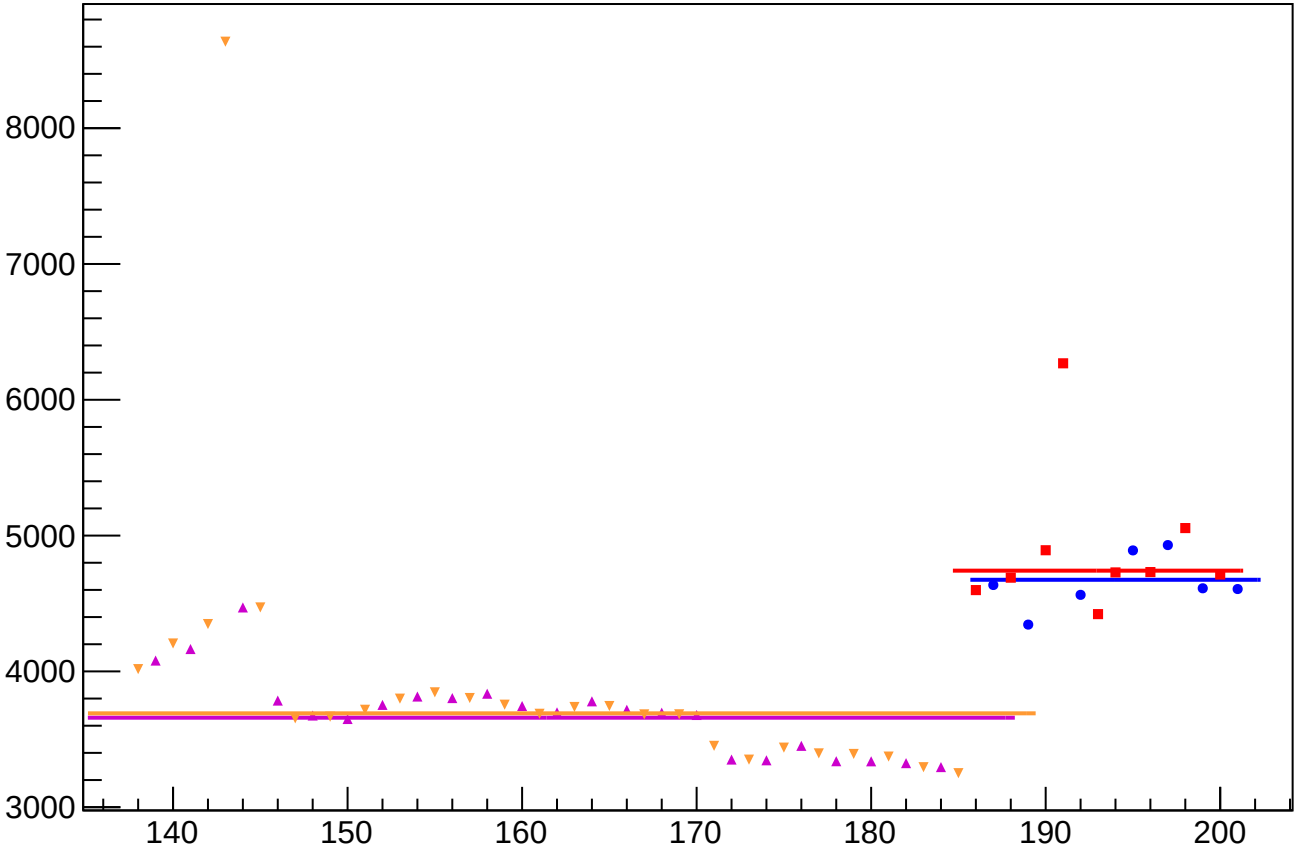
Right: 1382.354+/-1486.434 χ^2/NDF: 14.6/15

In: -232.765+/-815.502 χ^2/NDF:25.0/29

Out: 425.901+/-796.342 χ^2/NDF:42.3/33

All: 104.397+/-569.752 χ^2/NDF: 67.6/63

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4674.557+/-1.593 χ^2/NDF: 14134.6/6

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

Right Out: 4741.792+/-1.399 χ^2/NDF: 34490.2/8

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

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

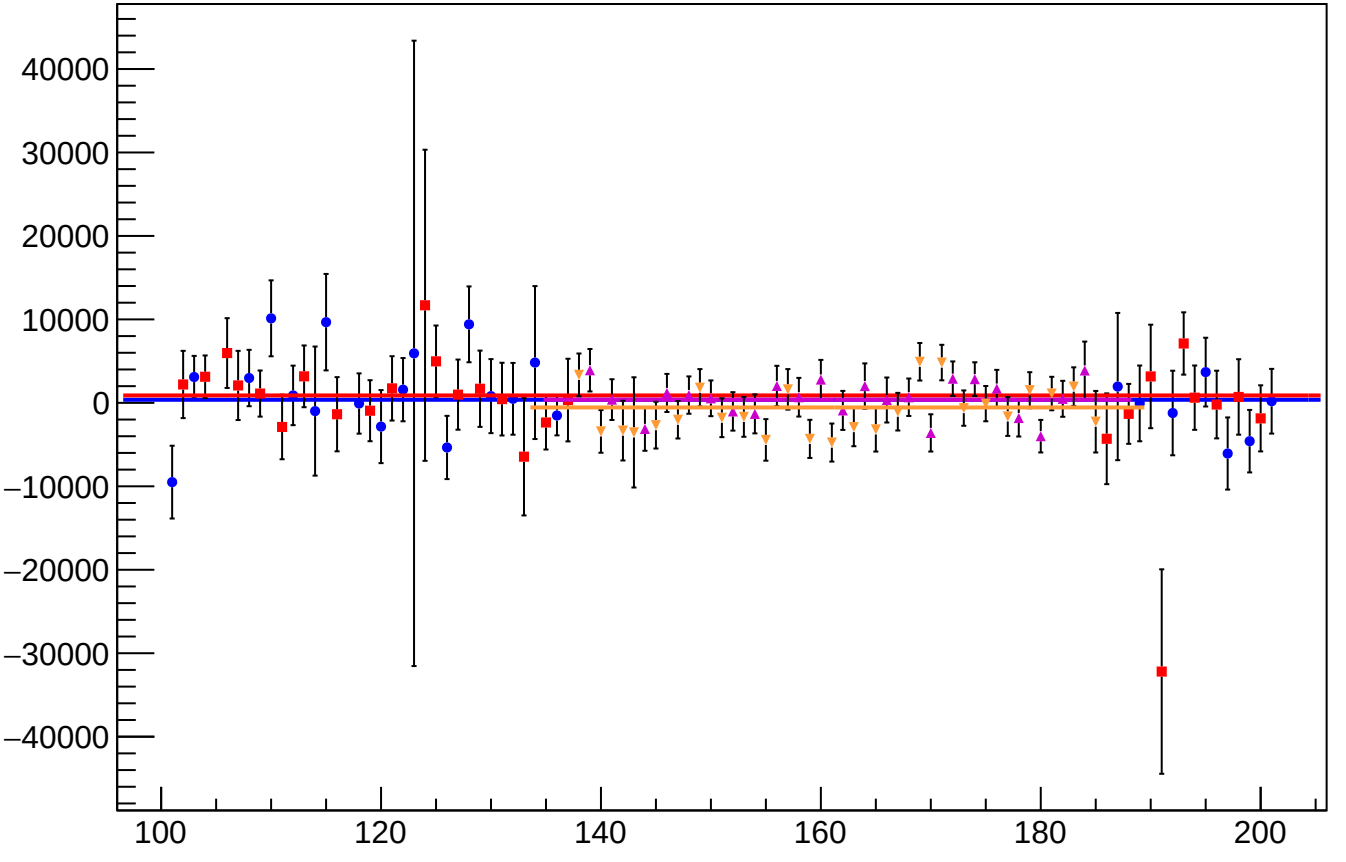
Right: 4712.505+/-1.051 χ^2/NDF: 49630.8/15

In: 3792.228+/-0.577 χ^2/NDF:565496.8/29

Out: 3861.367+/-0.563 χ^2/NDF:1146532.5/33

All: 3827.619+/-0.403 χ^2/NDF: 1719387.9/63

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 369.091+/-835.832 χ^2/NDF: 26.7/23

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

Right Out: 887.635+/-785.309 χ^2/NDF: 19.8/26

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

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

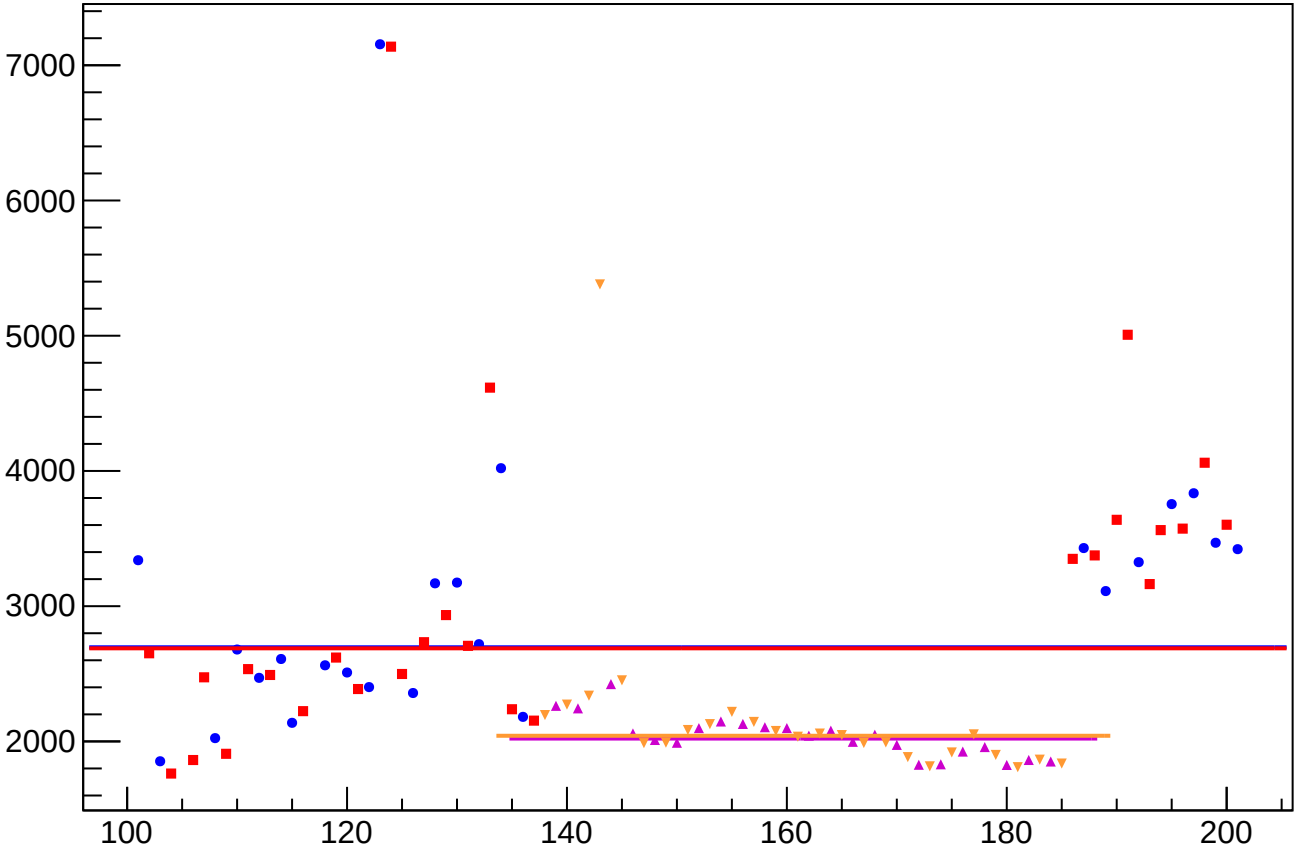
Right: 644.508+/-572.326 χ^2/NDF: 46.6/50

In: 366.956+/-418.257 χ^2/NDF:47.2/46

Out: -158.080+/-410.566 χ^2/NDF:56.2/51

All: 99.567+/-292.995 χ^2/NDF: 104.3/98

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2696.143+/-0.591 χ^2/NDF: 1102277.5/23

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

Right Out: 2688.378+/-0.555 χ^2/NDF: 1628905.1/26

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

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

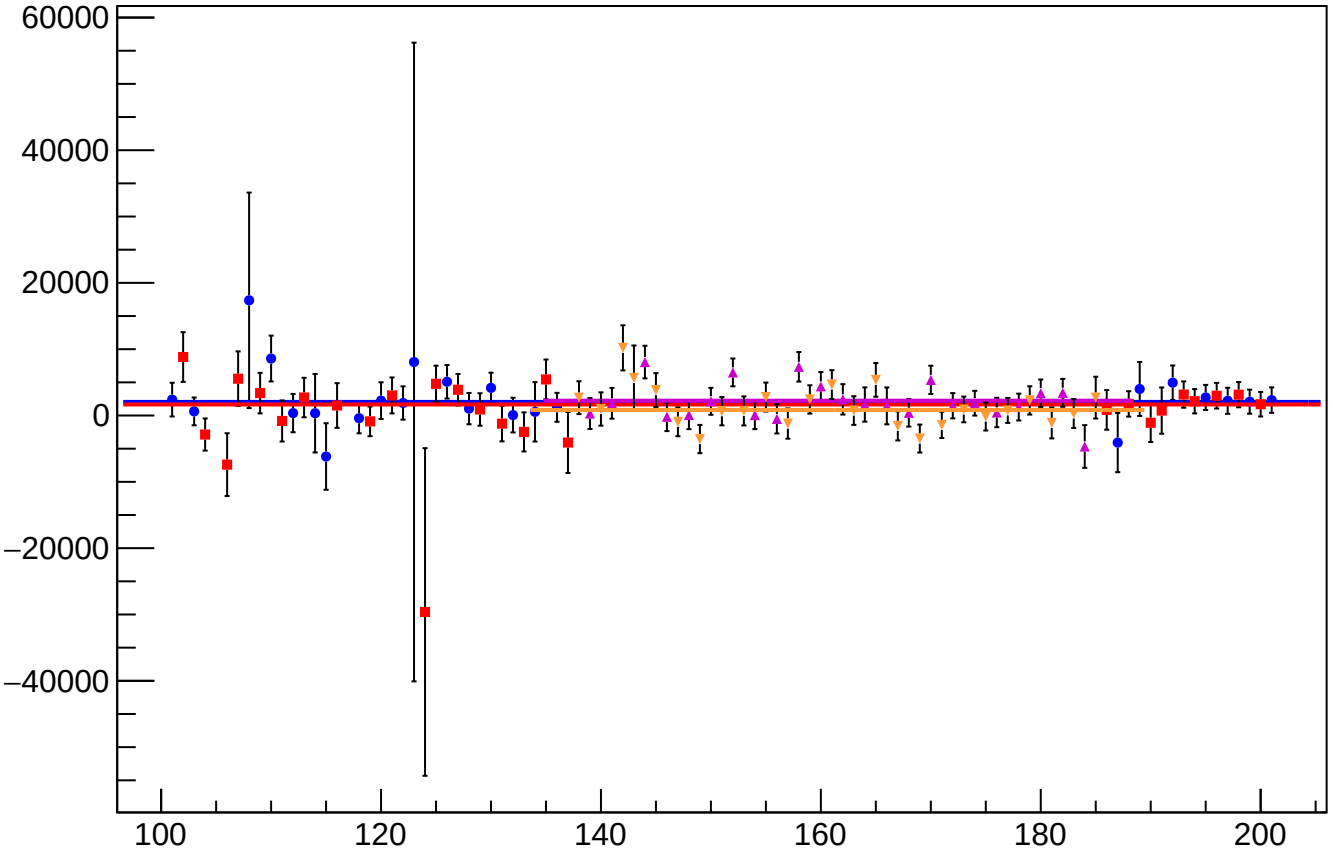
Right: 2692.019+/-0.405 χ^2/NDF: 2731274.2/50

In: 2190.110+/-0.296 χ^2/NDF:2258975.2/46

Out: 2218.515+/-0.290 χ^2/NDF:3321032.7/51

All: 2204.576+/-0.207 χ^2/NDF: 5584705.6/98

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2052.050+/-538.592 χ^2/NDF: 16.1/23

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

Right Out: 1662.499+/-502.451 χ^2/NDF: 27.3/26

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

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

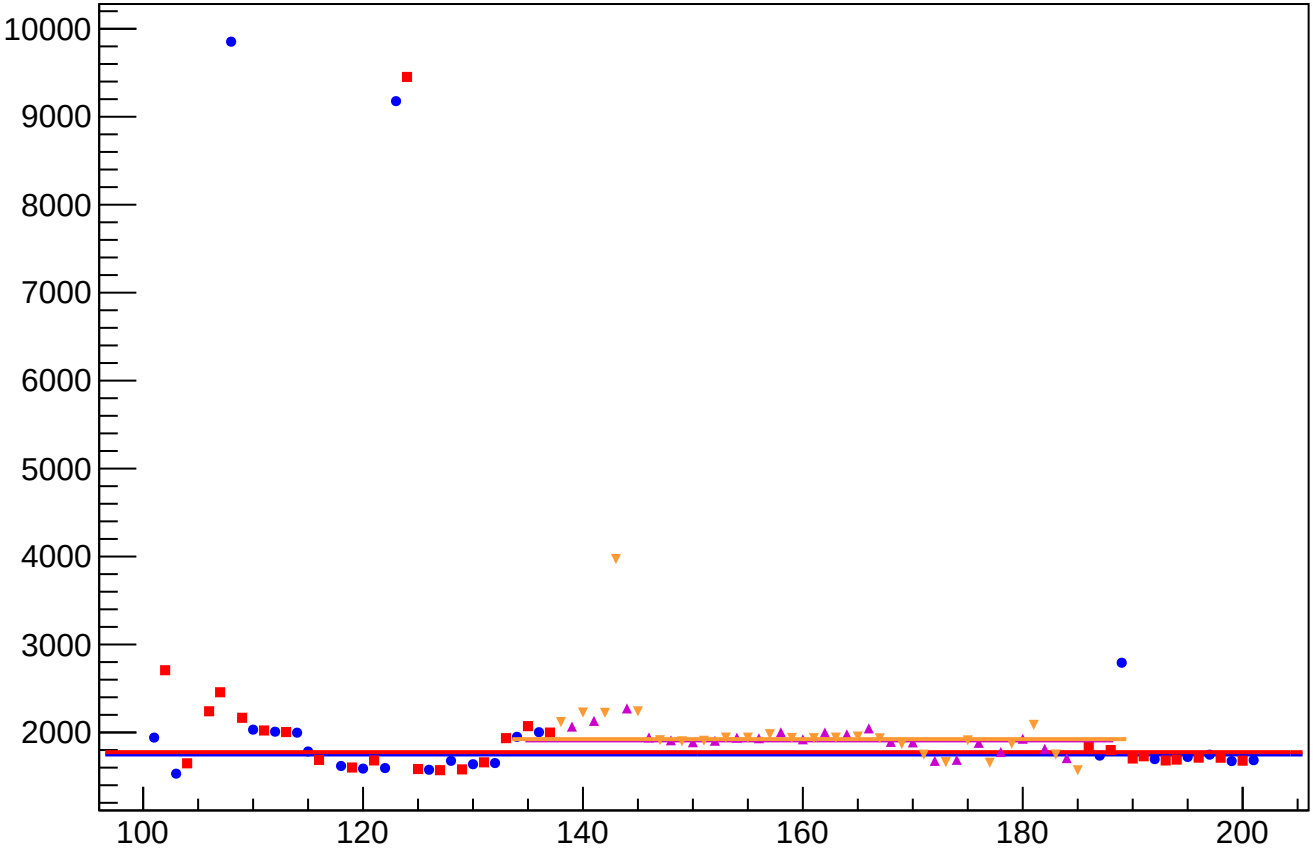
Right: 1843.767+/-367.399 χ^2/NDF: 43.6/50

In: 2158.657+/-348.781 χ^2/NDF:47.1/46

Out: 1208.725+/-337.062 χ^2/NDF:61.1/51

All: 1667.464+/-242.376 χ^2/NDF: 112.0/98

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1749.529+/-0.381 χ^2/NDF: 820910.8/23

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

Right Out: 1775.919+/-0.355 χ^2/NDF: 564160.1/26

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

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

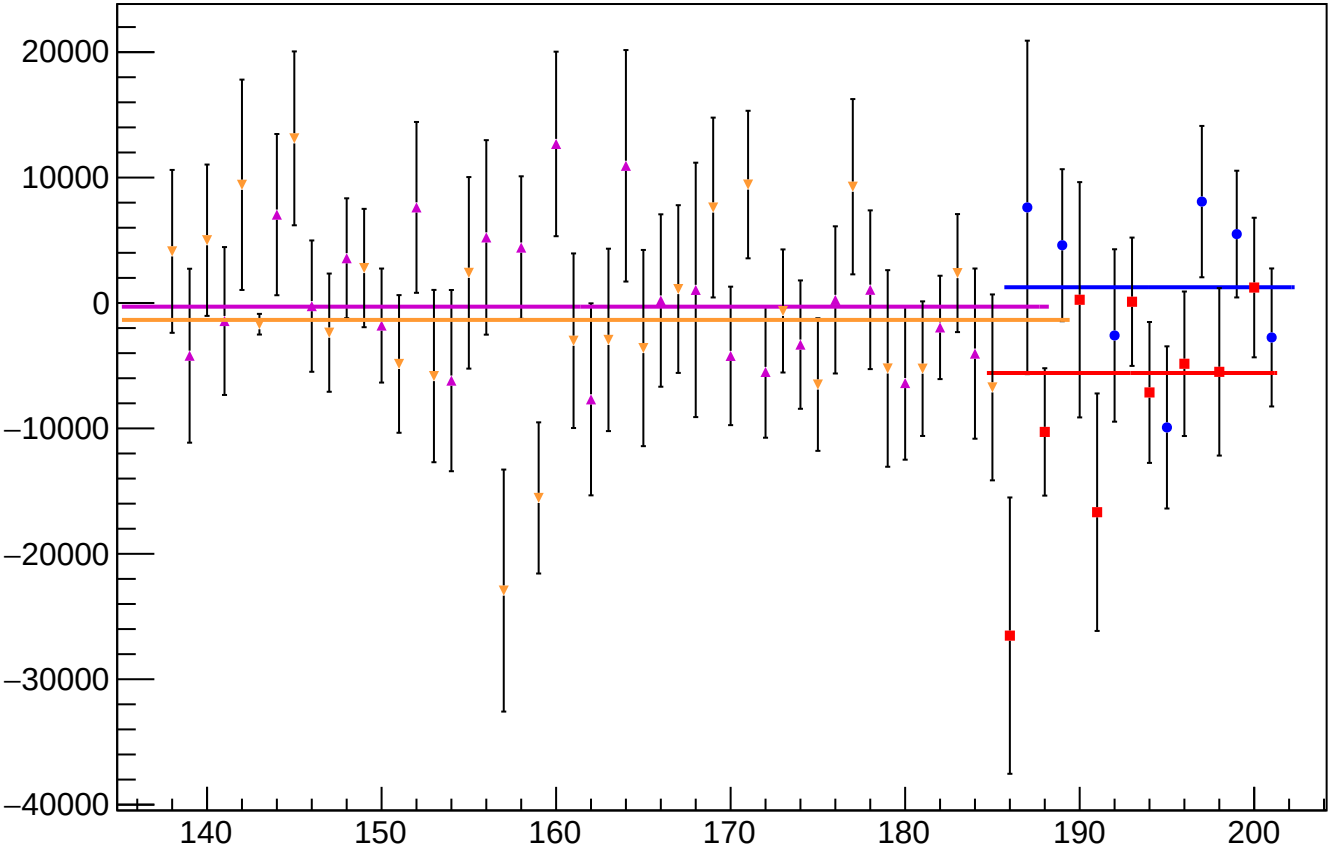
Right: 1763.647+/-0.260 χ^2/NDF: 1387639.7/50

In: 1842.505+/-0.247 χ^2/NDF:1088034.6/46

Out: 1857.359+/-0.238 χ^2/NDF:1243803.5/51

All: 1850.188+/-0.171 χ^2/NDF: 2333714.2/98

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 1254.872+/-2372.589 χ^2/NDF: 6.4/6

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

Right Out: -5582.034+/-2111.522 χ^2/NDF: 9.1/8

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

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

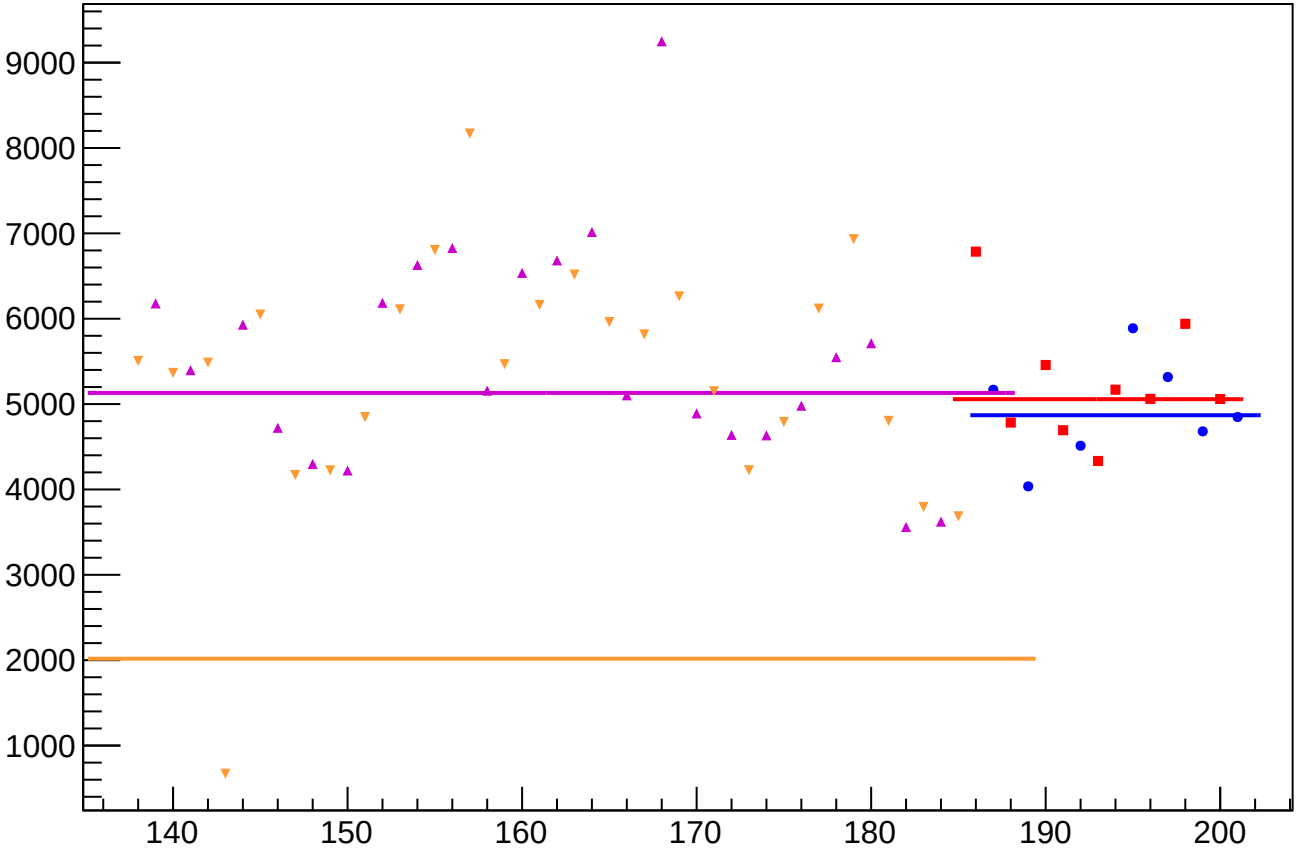
Right: -2560.284+/-1577.328 χ^2/NDF: 20.0/15

In: 43.437+/-1107.478 χ^2/NDF:21.2/29

Out: -1758.641+/-656.435 χ^2/NDF:43.6/33

All: -1290.123+/-564.692 χ^2/NDF: 66.8/63

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 4869.552+/-1.678 χ^2/NDF: 107705.1/6

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

Right Out: 5057.436+/-1.493 χ^2/NDF: 137414.4/8

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

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

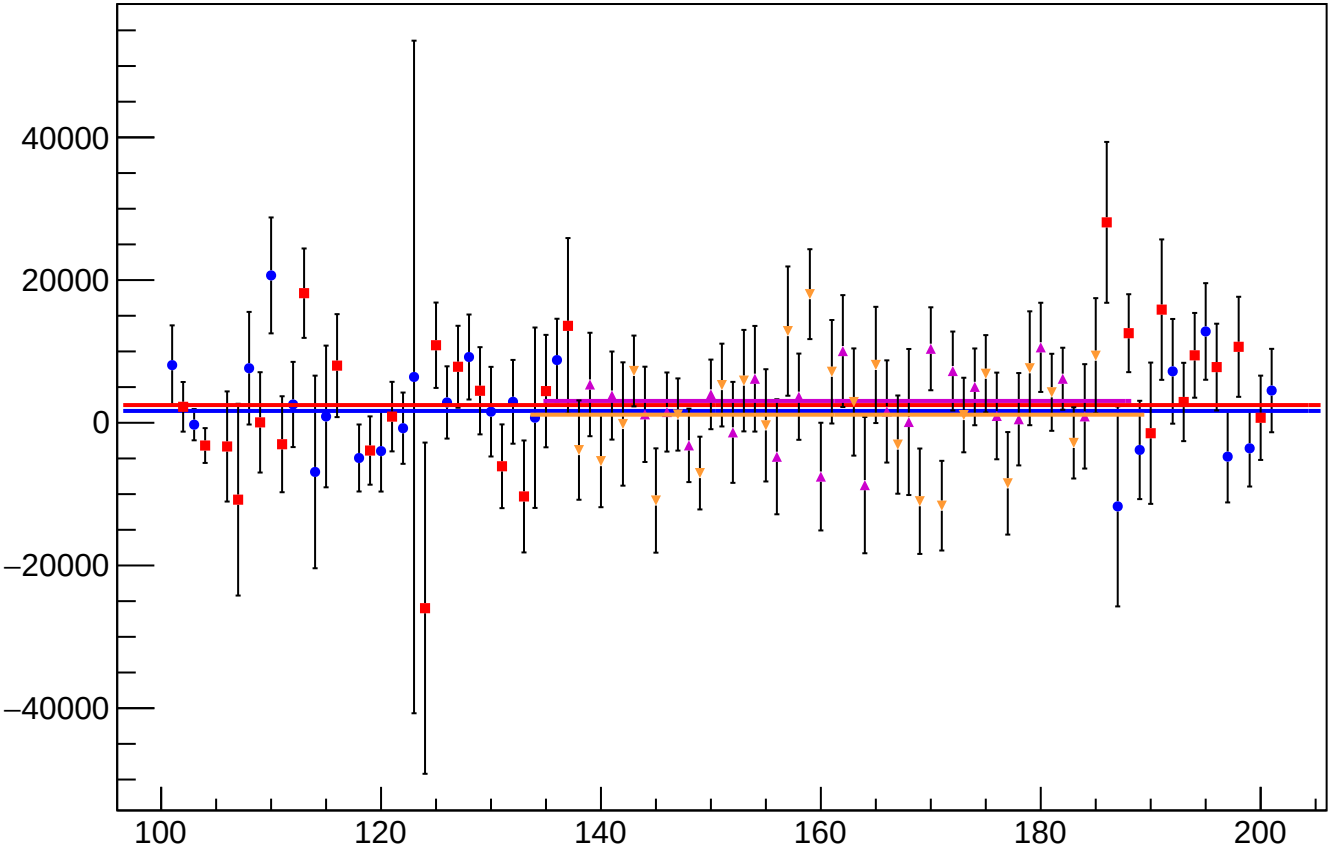
Right: 4974.396+/-1.115 χ^2/NDF: 252118.2/15

In: 5073.844+/-0.783 χ^2/NDF:1616477.3/29

Out: 2311.073+/-0.464 χ^2/NDF:23042552.3/33

All: 3029.359+/-0.399 χ^2/NDF: 33869654.0/6

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1659.974+/-1158.234 χ^2/NDF: 22.0/23

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

Right Out: 2481.565+/-1118.037 χ^2/NDF: 40.8/26

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

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

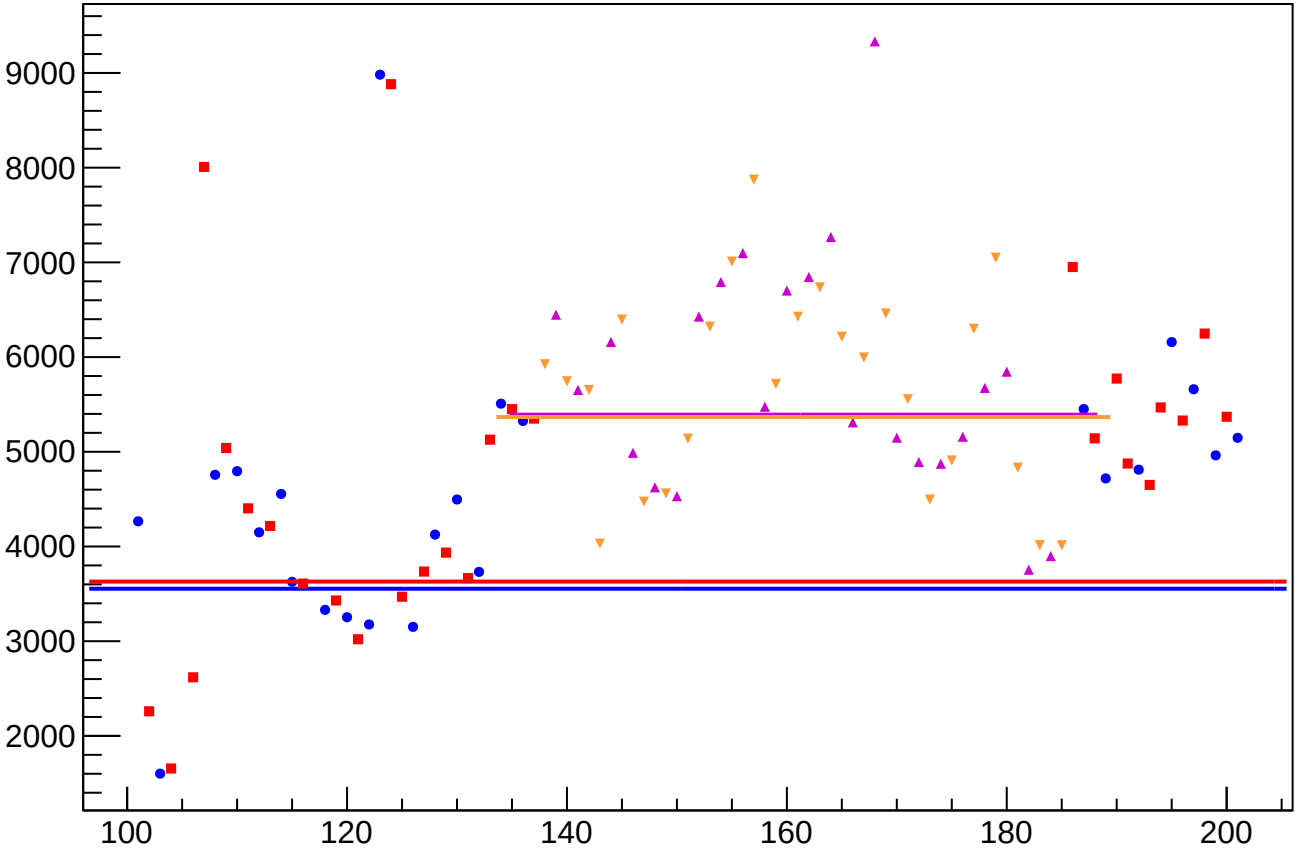
Right: 2085.274+/-804.407 χ^2/NDF: 63.0/50

In: 2273.176+/-868.642 χ^2/NDF:35.0/46

Out: 1897.844+/-842.108 χ^2/NDF:73.9/51

All: 2079.690+/-604.623 χ^2/NDF: 108.9/98

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3553.903+/-0.819 χ^2/NDF: 3061029.1/23

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

Right Out: 3629.396+/-0.782 χ^2/NDF: 3711641.4/26

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

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

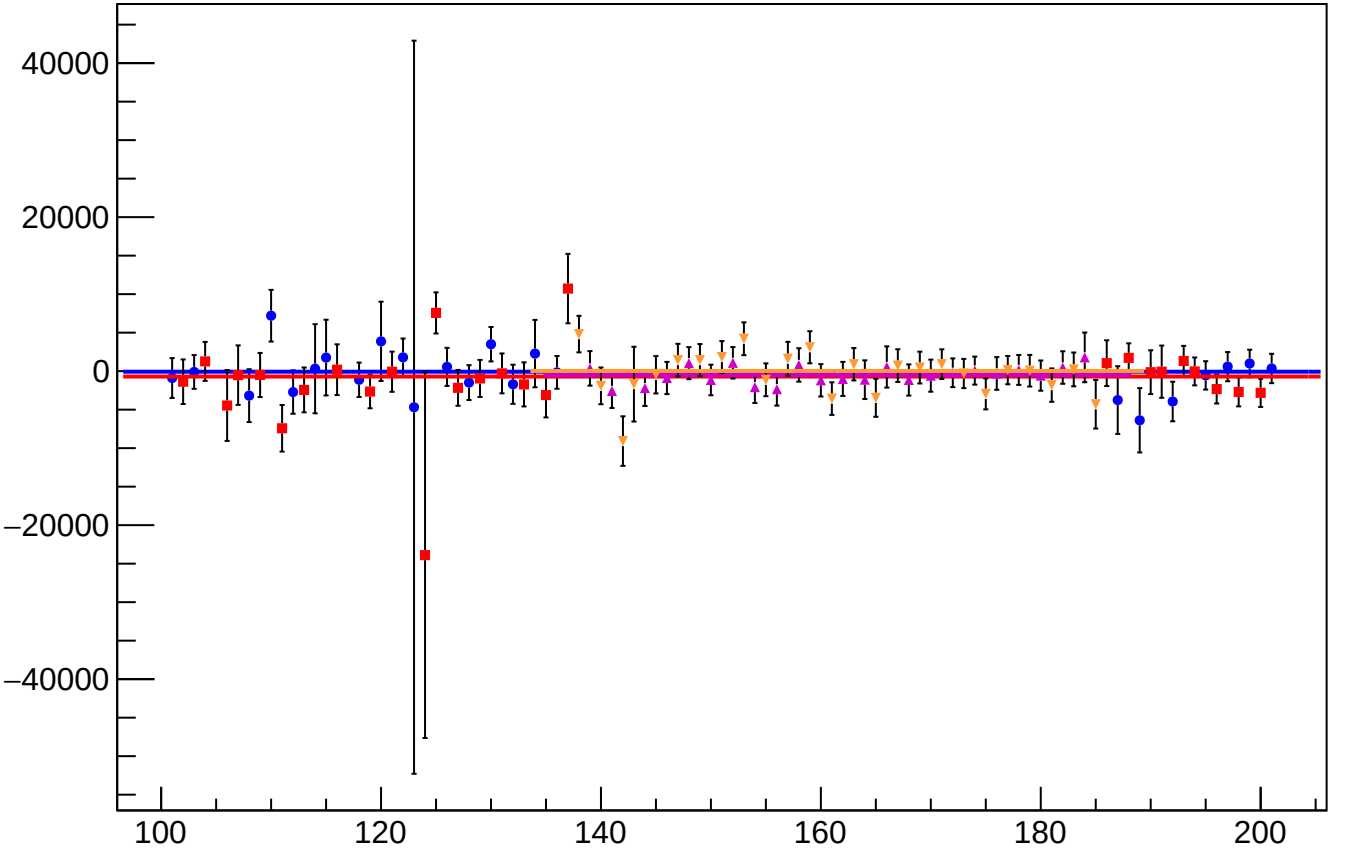
Right: 3593.399+/-0.566 χ^2/NDF: 6777115.8/50

In: 4358.141+/-0.614 χ^2/NDF:6585341.8/46

Out: 4371.791+/-0.592 χ^2/NDF:7035237.2/51

All: 4365.220+/-0.426 χ^2/NDF: 13620835.1/9

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -72.692+/-531.341 χ^2/NDF: 17.6/23

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

Right Out: -701.981+/-489.904 χ^2/NDF: 32.3/26

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

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

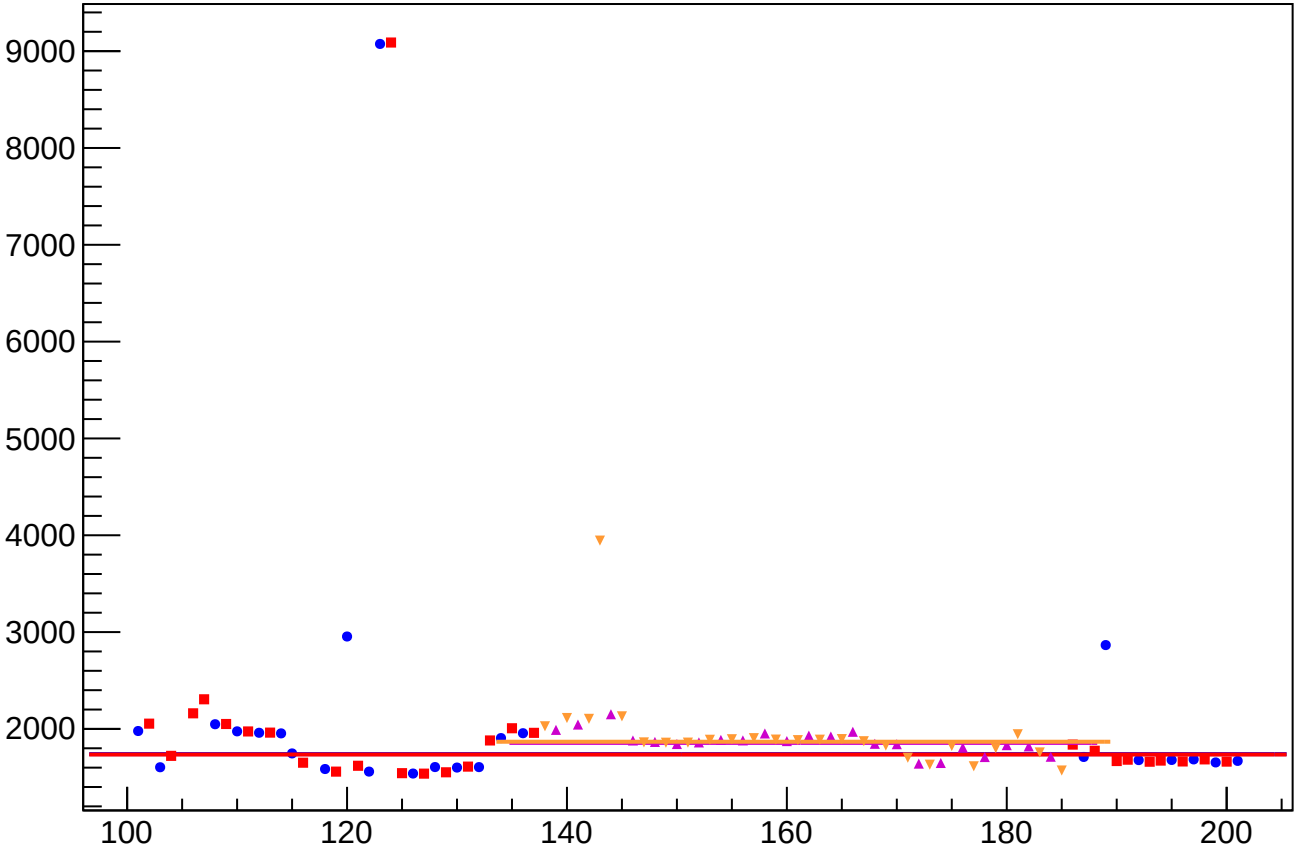
Right: -412.828+/-360.174 χ^2/NDF: 50.6/50

In: -332.765+/-340.888 χ^2/NDF:23.9/46

Out: -301.077+/-327.651 χ^2/NDF:65.2/51

All: -316.294+/-236.225 χ^2/NDF: 89.1/98

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1739.788+/-0.376 χ^2/NDF: 459174.2/23

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

Right Out: 1735.673+/-0.346 χ^2/NDF: 432695.7/26

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

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

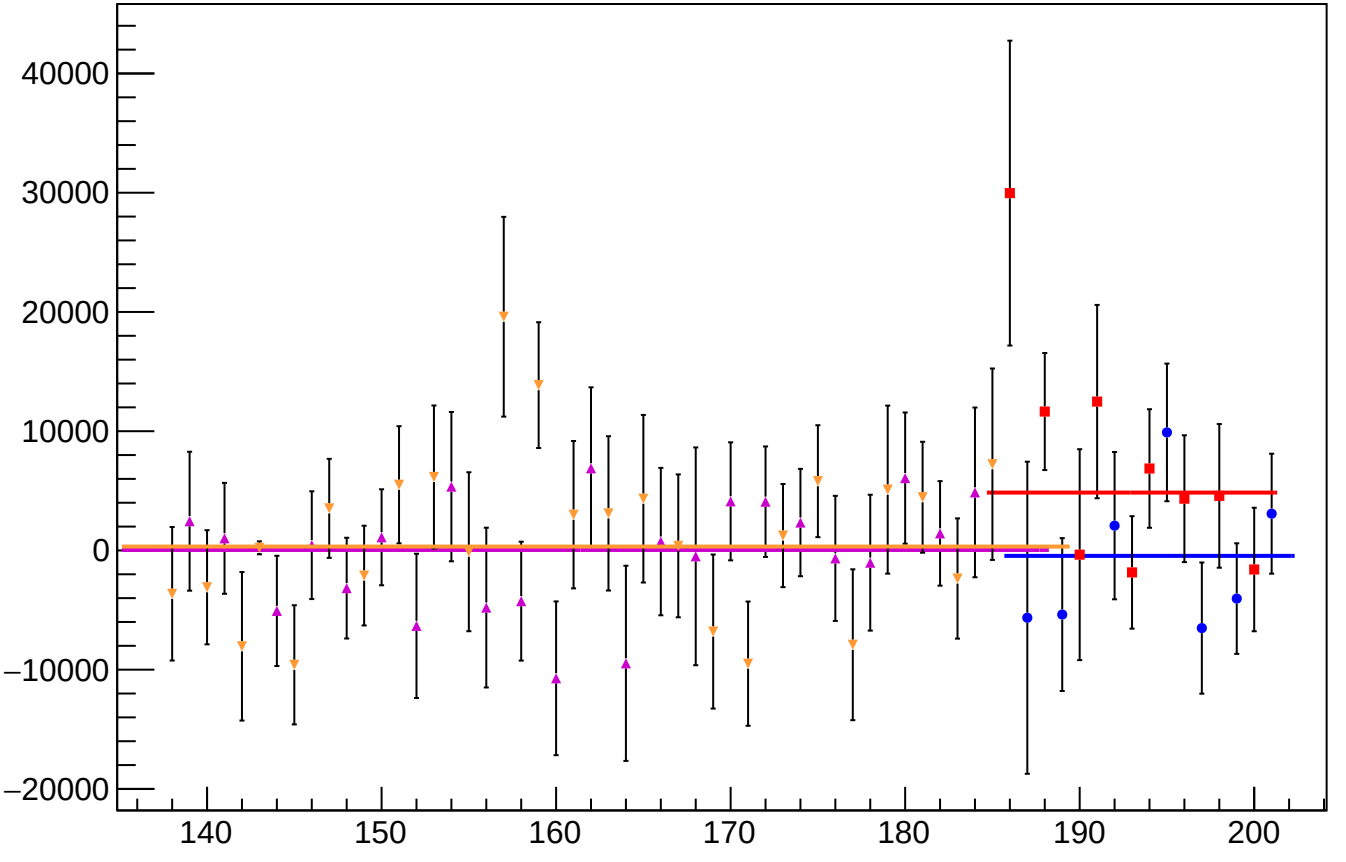
Right: 1737.562+/-0.255 χ^2/NDF: 891934.8/50

In: 1807.861+/-0.241 χ^2/NDF:651184.1/46

Out: 1808.502+/-0.232 χ^2/NDF:1058197.7/51

All: 1808.194+/-0.167 χ^2/NDF: 1709385.5/98

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -455.480+/-2205.877 χ^2/NDF: 6.4/6

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

Right Out: 4851.888+/-1956.434 χ^2/NDF: 10.8/8

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

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

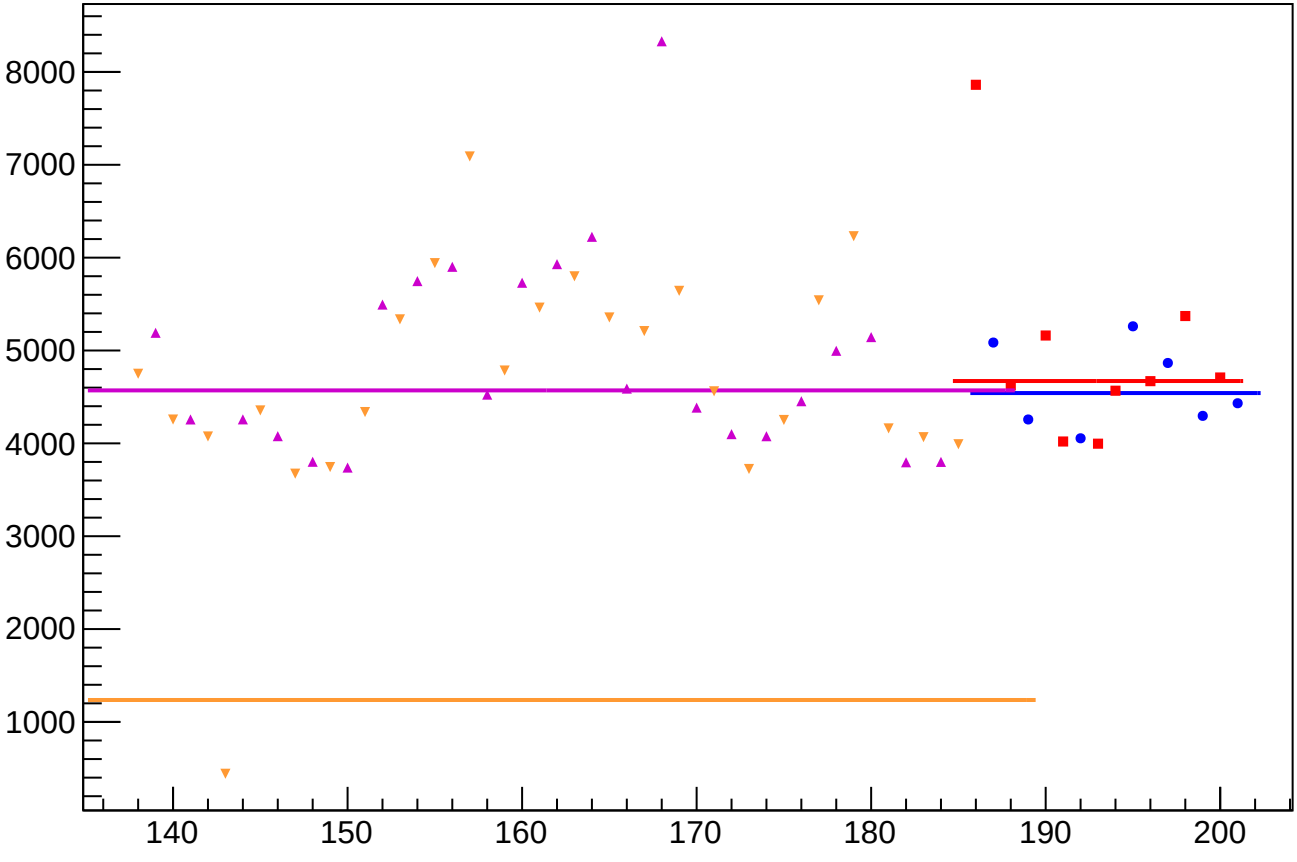
Right: 2515.131+/-1463.688 χ^2/NDF: 20.4/15

In: -59.962+/-991.361 χ^2/NDF:20.3/29

Out: 590.524+/-473.711 χ^2/NDF:48.3/33

All: 469.607+/-427.421 χ^2/NDF: 69.0/63

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4541.735+/-1.560 χ^2/NDF: 64361.2/6

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

Right Out: 4671.357+/-1.383 χ^2/NDF: 212690.7/8

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

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

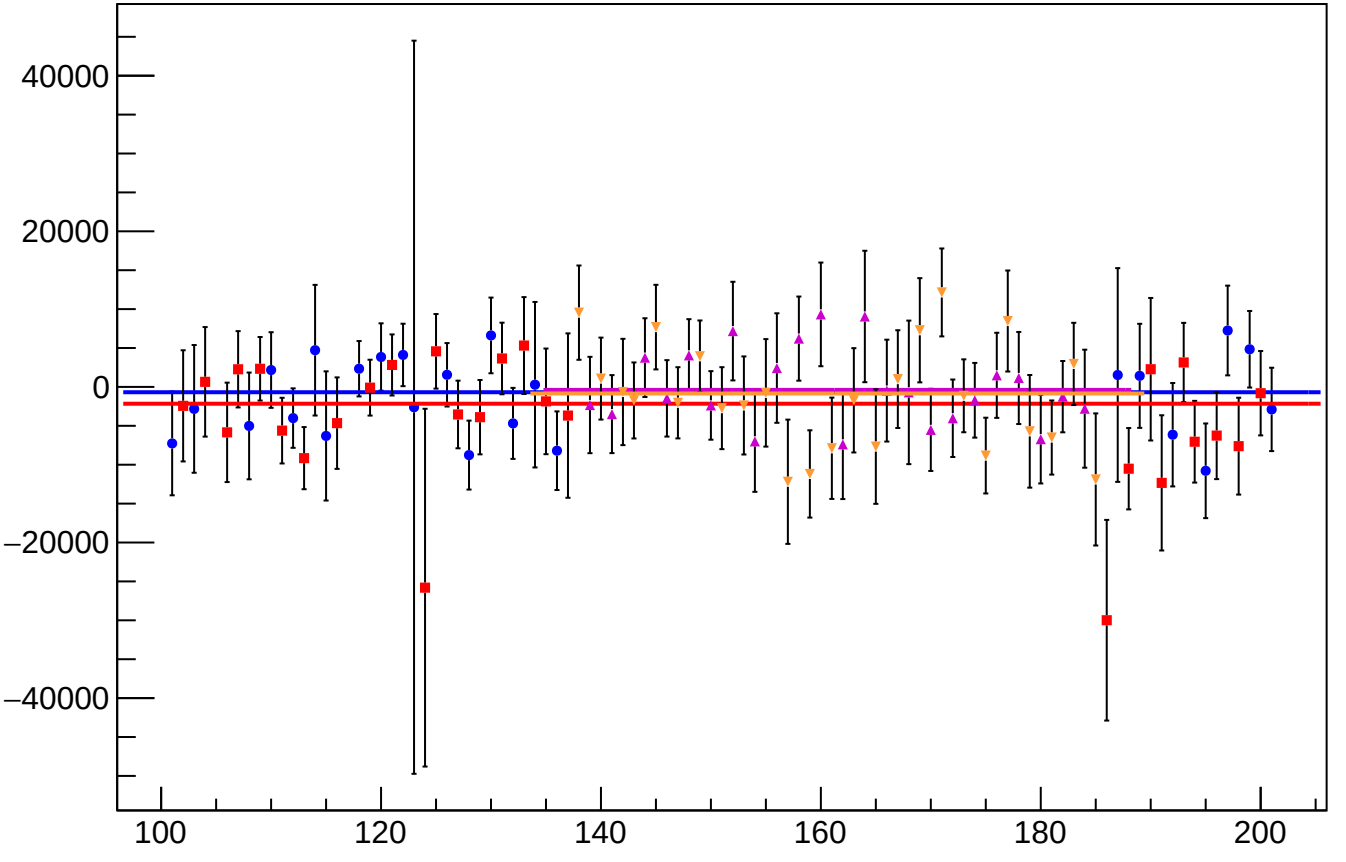
Right: 4614.286+/-1.035 χ^2/NDF: 280917.2/15

In: 4564.609+/-0.701 χ^2/NDF:1209842.3/29

Out: 1437.564+/-0.335 χ^2/NDF:29413041.8/33

All: 2018.839+/-0.302 χ^2/NDF: 46823056.2/6

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -683.994+/-1100.388 χ^2/NDF: 22.4/23

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

Right Out: -2160.184+/-1033.530 χ^2/NDF: 26.8/26

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

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

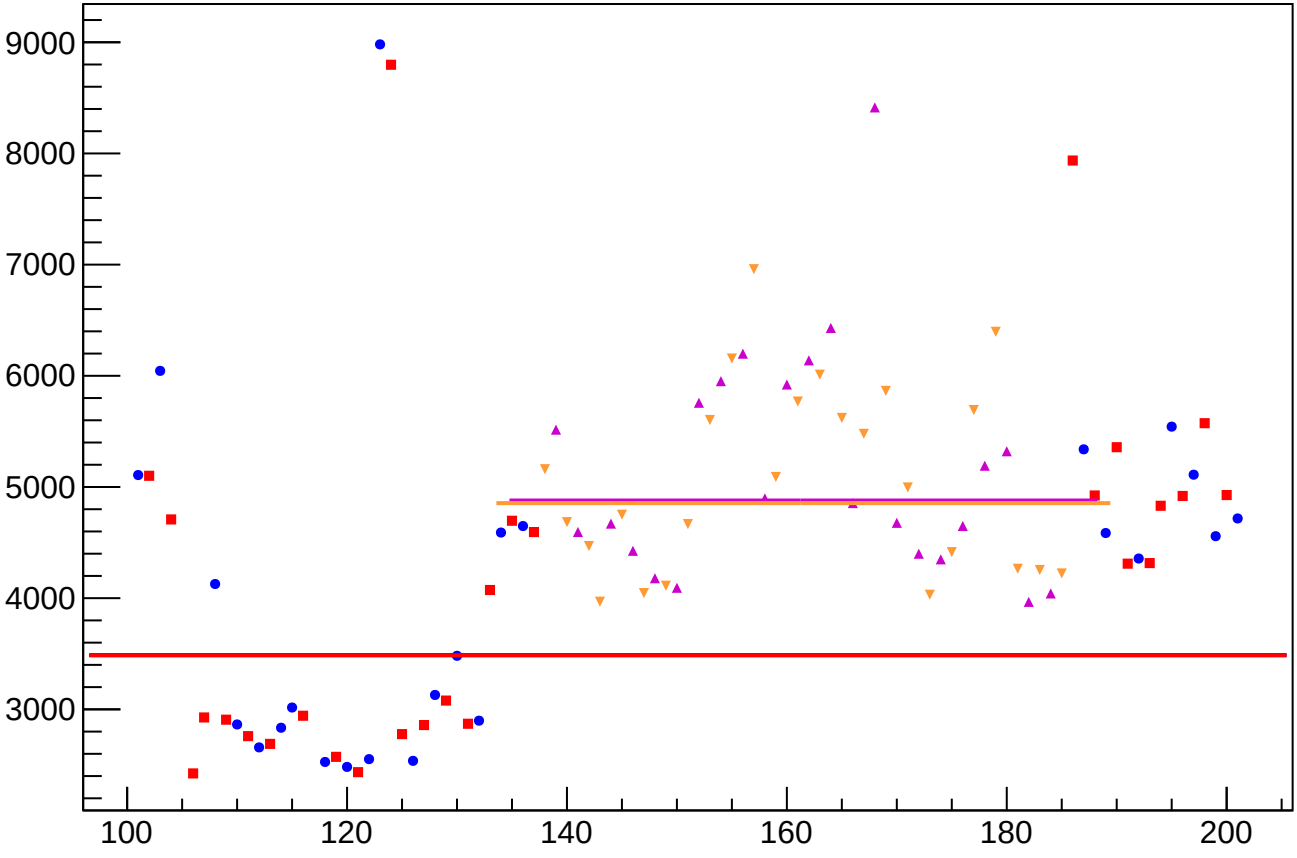
Right: -1468.294+/-753.344 χ^2/NDF: 50.2/50

In: -545.152+/-805.228 χ^2/NDF:36.4/46

Out: -1574.247+/-769.503 χ^2/NDF:57.6/51

All: -1083.033+/-556.322 χ^2/NDF: 94.8/98

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3487.766+/-0.778 χ^2/NDF: 1857916.6/23

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

Right Out: 3486.293+/-0.724 χ^2/NDF: 2271528.2/26

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

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

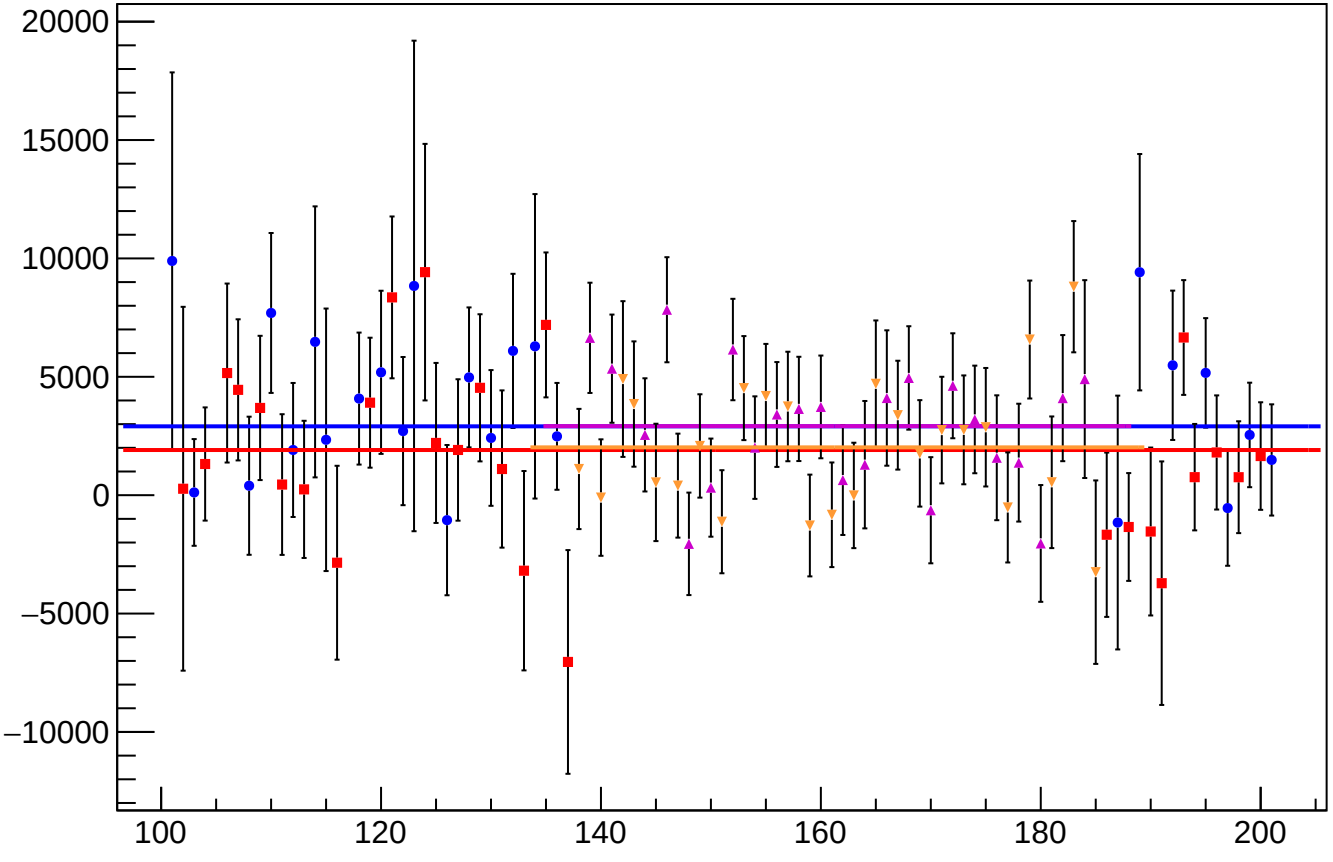
Right: 3486.976+/-0.530 χ^2/NDF: 4129446.7/50

In: 4133.672+/-0.569 χ^2/NDF:4306611.7/46

Out: 4089.850+/-0.541 χ^2/NDF:4743288.7/51

All: 4110.652+/-0.392 χ^2/NDF: 9053012.0/98

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2907.882+/-632.721 χ^2/NDF: 16.2/23

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

Right Out: 1907.410+/-583.682 χ^2/NDF: 28.3/26

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

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

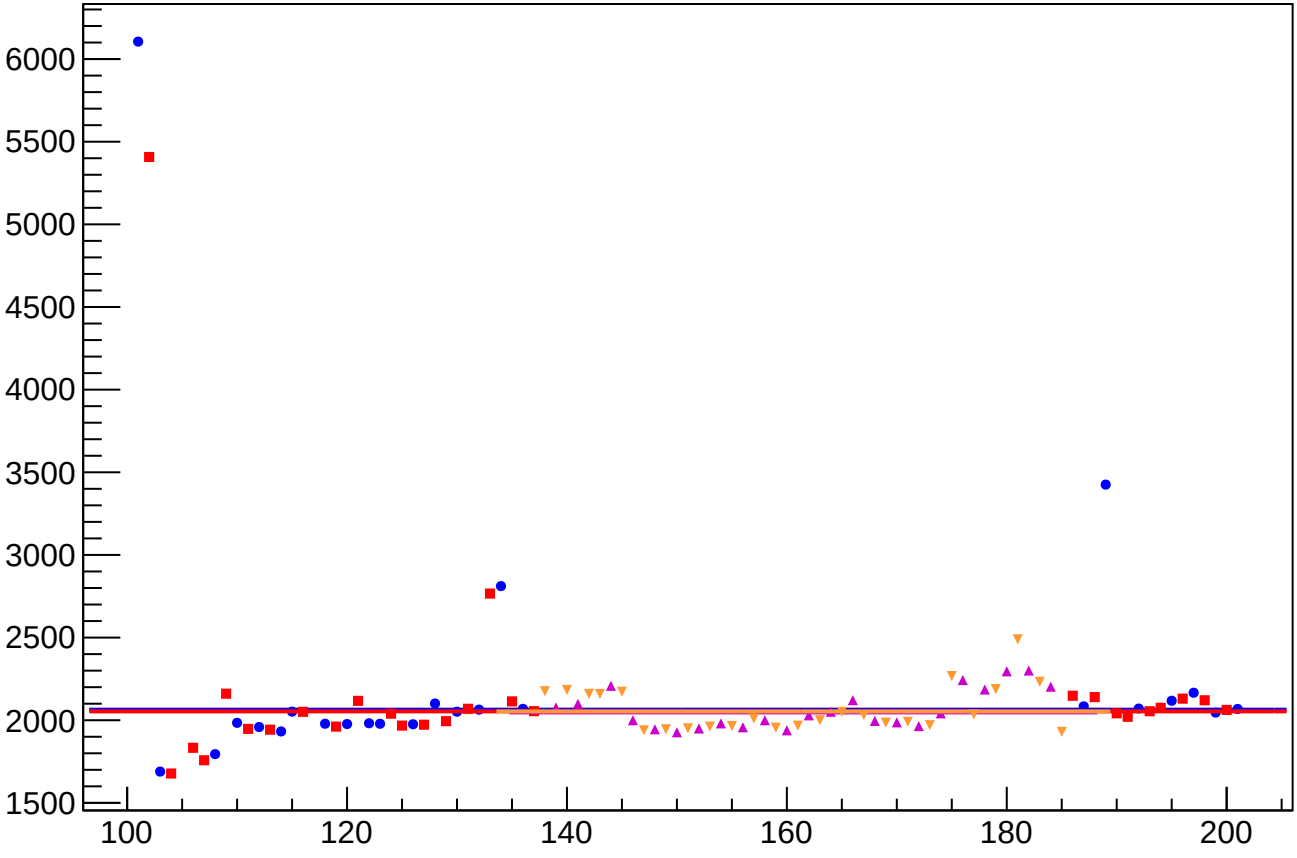
Right: 2367.377+/-429.016 χ^2/NDF: 45.8/50

In: 2913.010+/-387.136 χ^2/NDF:45.0/46

Out: 1974.024+/-371.354 χ^2/NDF:55.4/51

All: 2423.989+/-267.993 χ^2/NDF: 103.5/98

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2063.879+/-0.447 χ^2/NDF: 779533.0/23

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

Right Out: 2053.645+/-0.413 χ^2/NDF: 538154.5/26

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

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

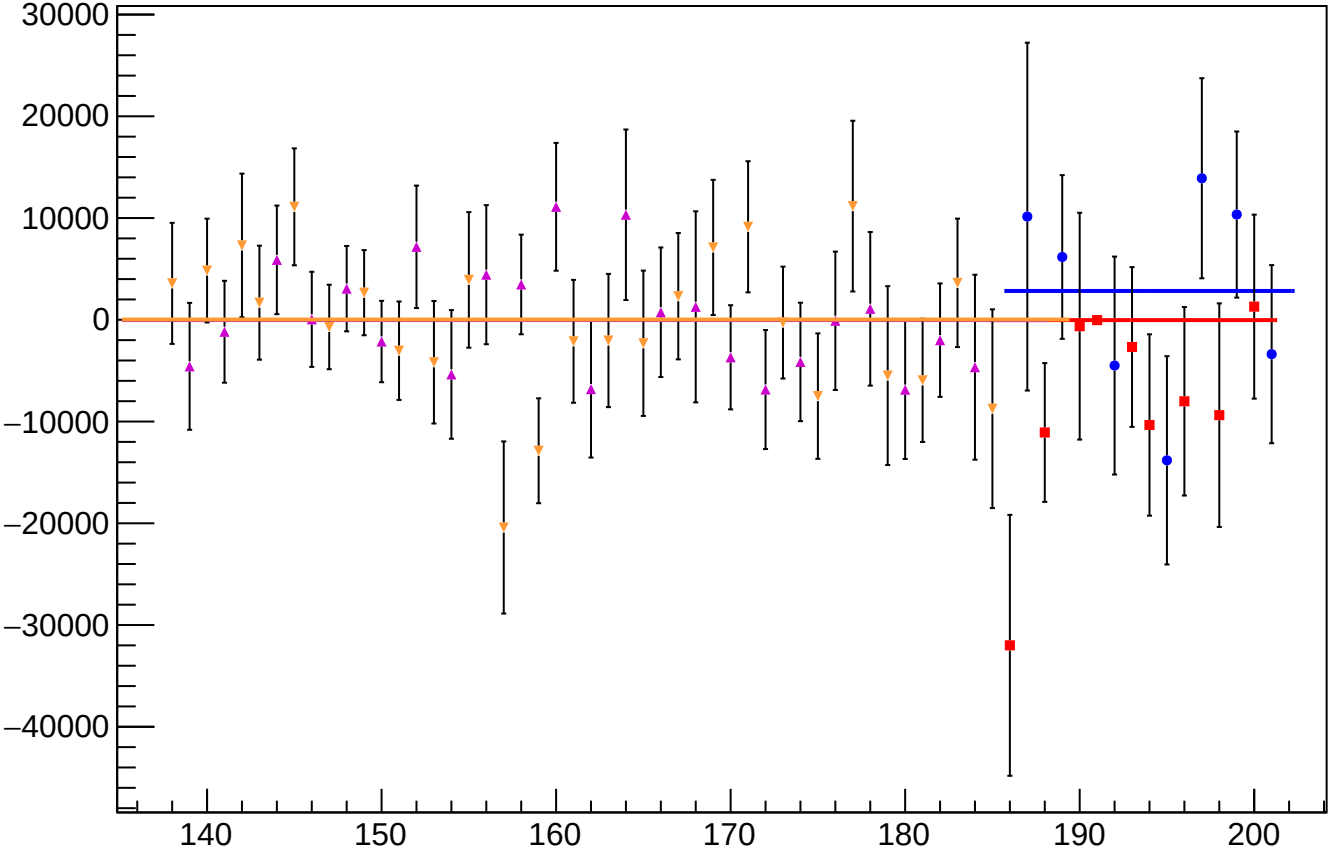
Right: 2058.349+/-0.303 χ^2/NDF: 1317970.2/50

In: 2053.492+/-0.274 χ^2/NDF:883395.6/46

Out: 2053.437+/-0.263 χ^2/NDF:675043.0/51

All: 2053.464+/-0.189 χ^2/NDF: 1558438.6/98

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 2834.002+/-3638.788 χ^2/NDF: 6.1/6

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

Right Out: -31.768+/-15.145 χ^2/NDF: 11.8/8

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

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

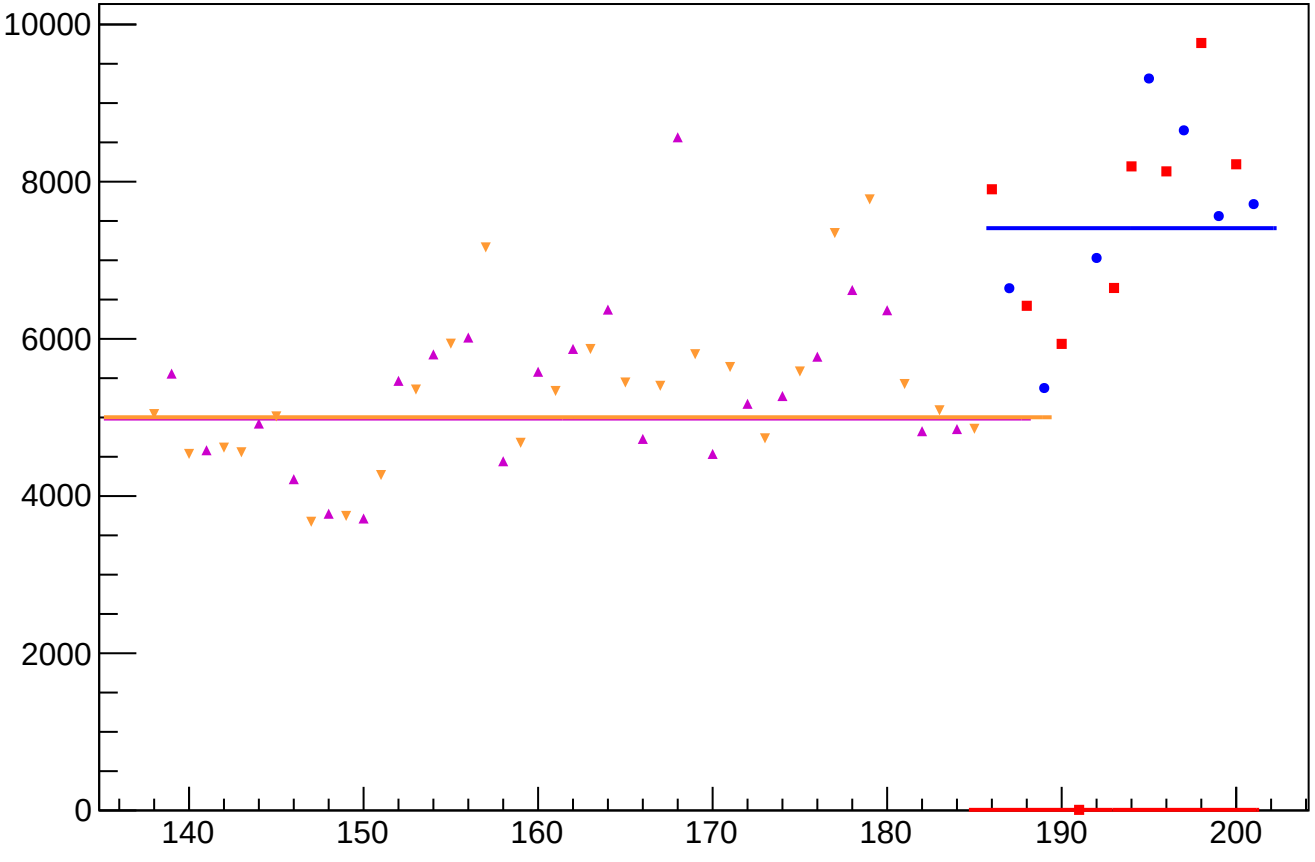
Right: -31.718+/-15.145 χ^2/NDF: 18.5/15

In: 261.470+/-1149.595 χ^2/NDF:21.9/29

Out: -31.758+/-15.144 χ^2/NDF:41.0/33

All: -31.708+/-15.142 χ^2/NDF: 62.9/63

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 7408.556+/-2.573 χ^2/NDF: 238741.1/6

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

Right Out: 7.672+/-0.011 χ^2/NDF: 10976981.7/8

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

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

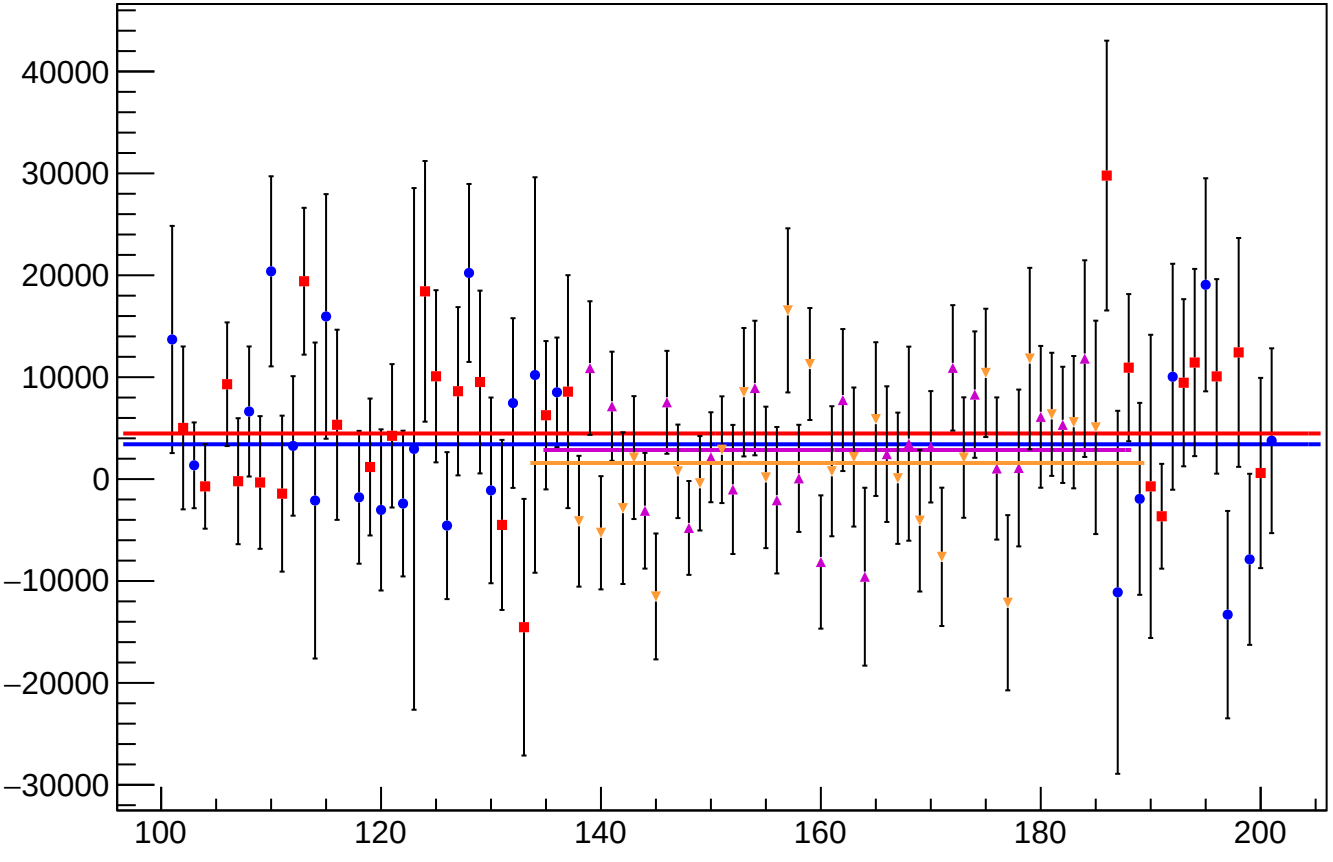
Right: 7.800+/-0.011 χ^2/NDF: 19488972.9/15

In: 5227.949+/-0.813 χ^2/NDF:2234223.5/29

Out: 8.475+/-0.011 χ^2/NDF:47080711.4/33

All: 9.380+/-0.011 χ^2/NDF: 90535926.0/63

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3416.865+/-1672.584 χ^2/NDF: 22.4/23

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

Right Out: 4476.675+/-1475.170 χ^2/NDF: 23.3/26

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

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

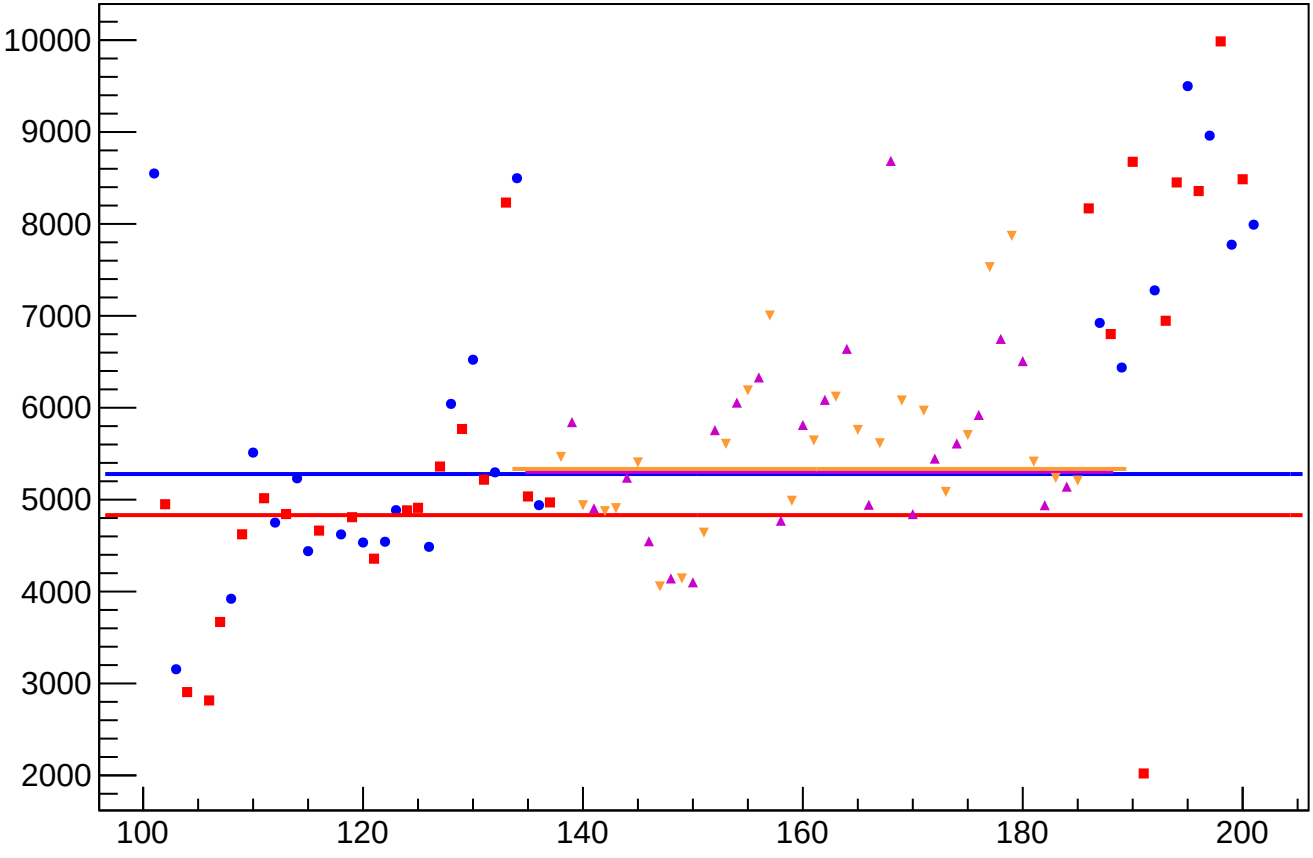
Right: 4012.976+/-1106.348 χ^2/NDF: 45.9/50

In: 3064.298+/-1018.560 χ^2/NDF:40.5/46

Out: 2808.986+/-960.757 χ^2/NDF:50.7/51

All: 2929.193+/-698.899 χ^2/NDF: 91.3/98

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 5278.694+/-1.183 χ^2/NDF: 2050273.2/23

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

Right Out: 4831.721+/-1.039 χ^2/NDF: 3400631.2/26

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

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

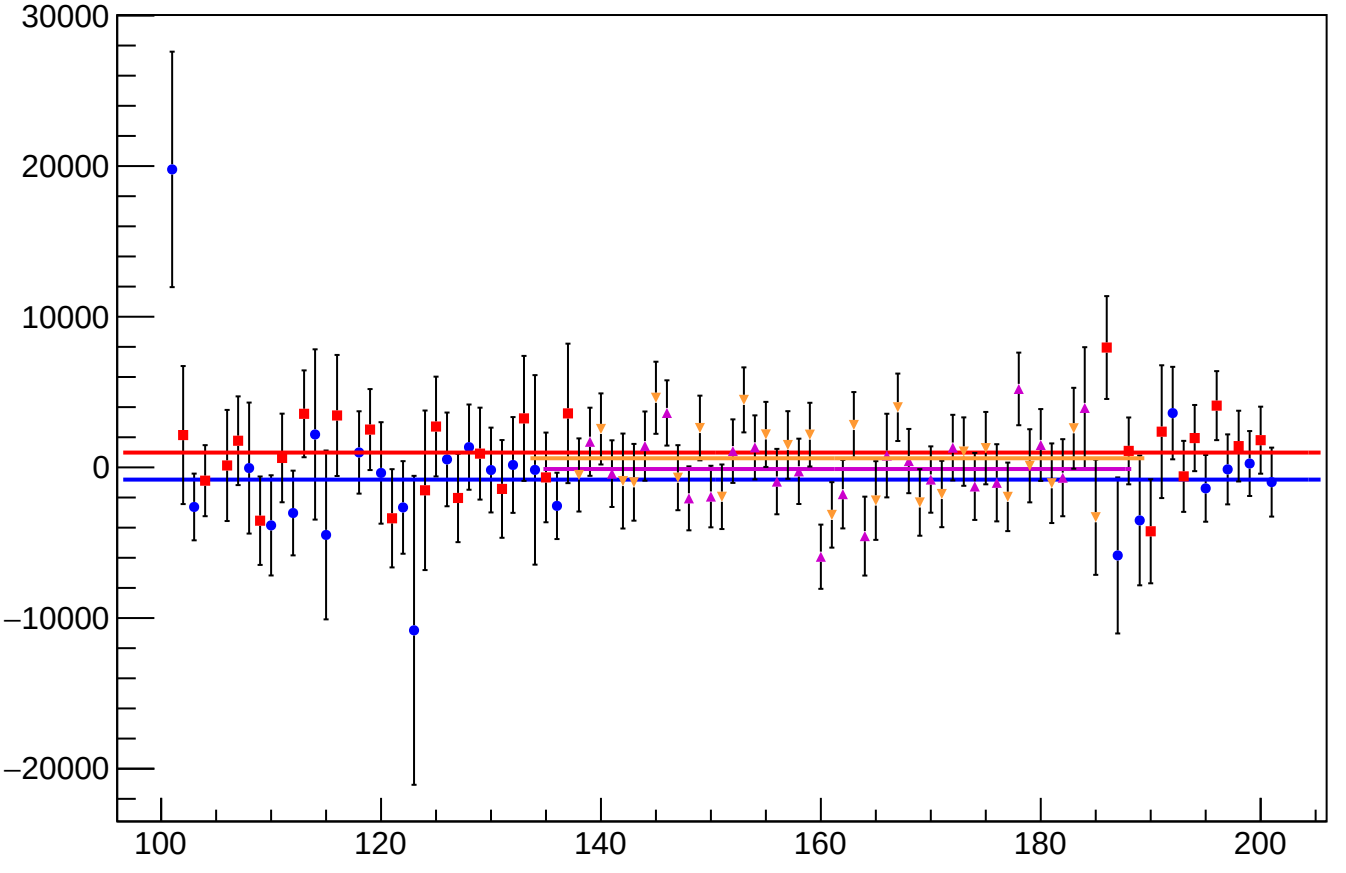
Right: 5026.353+/-0.780 χ^2/NDF: 5531539.3/50

In: 5294.188+/-0.720 χ^2/NDF:3010901.9/46

Out: 5120.033+/-0.678 χ^2/NDF:4400330.4/51

All: 5201.872+/-0.494 χ^2/NDF: 7442225.7/98

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -810.683+/-623.984 χ^2/NDF: 16.9/23

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

Right Out: 983.399+/-566.846 χ^2/NDF: 18.7/26

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

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

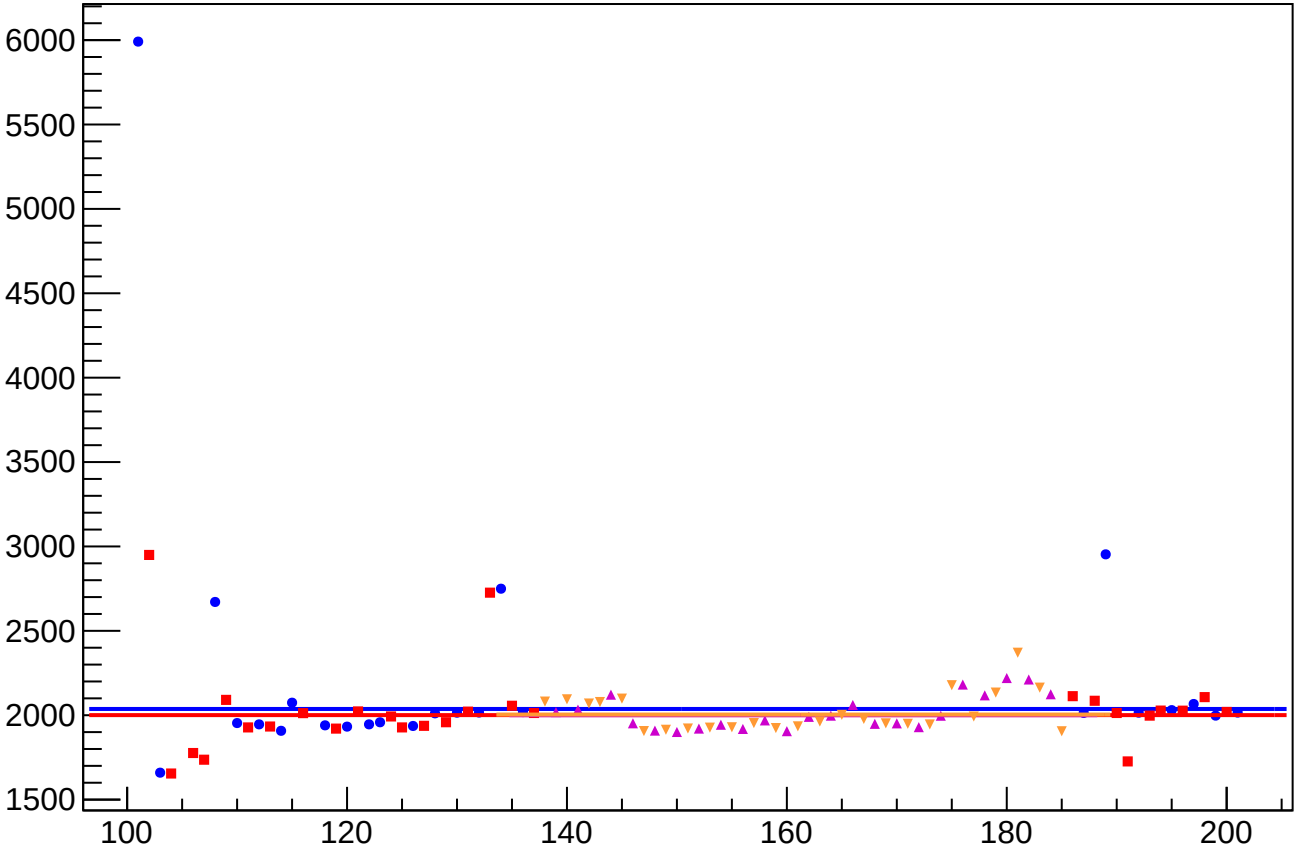
Right: 172.244+/-419.570 χ^2/NDF: 40.2/50

In: -368.020+/-379.407 χ^2/NDF:42.7/46

Out: 759.399+/-361.532 χ^2/NDF:44.2/51

All: 222.872+/-261.733 χ^2/NDF: 91.6/98

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2037.134+/-0.441 χ^2/NDF: 743611.2/23

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

Right Out: 2000.653+/-0.401 χ^2/NDF: 240883.6/26

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

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

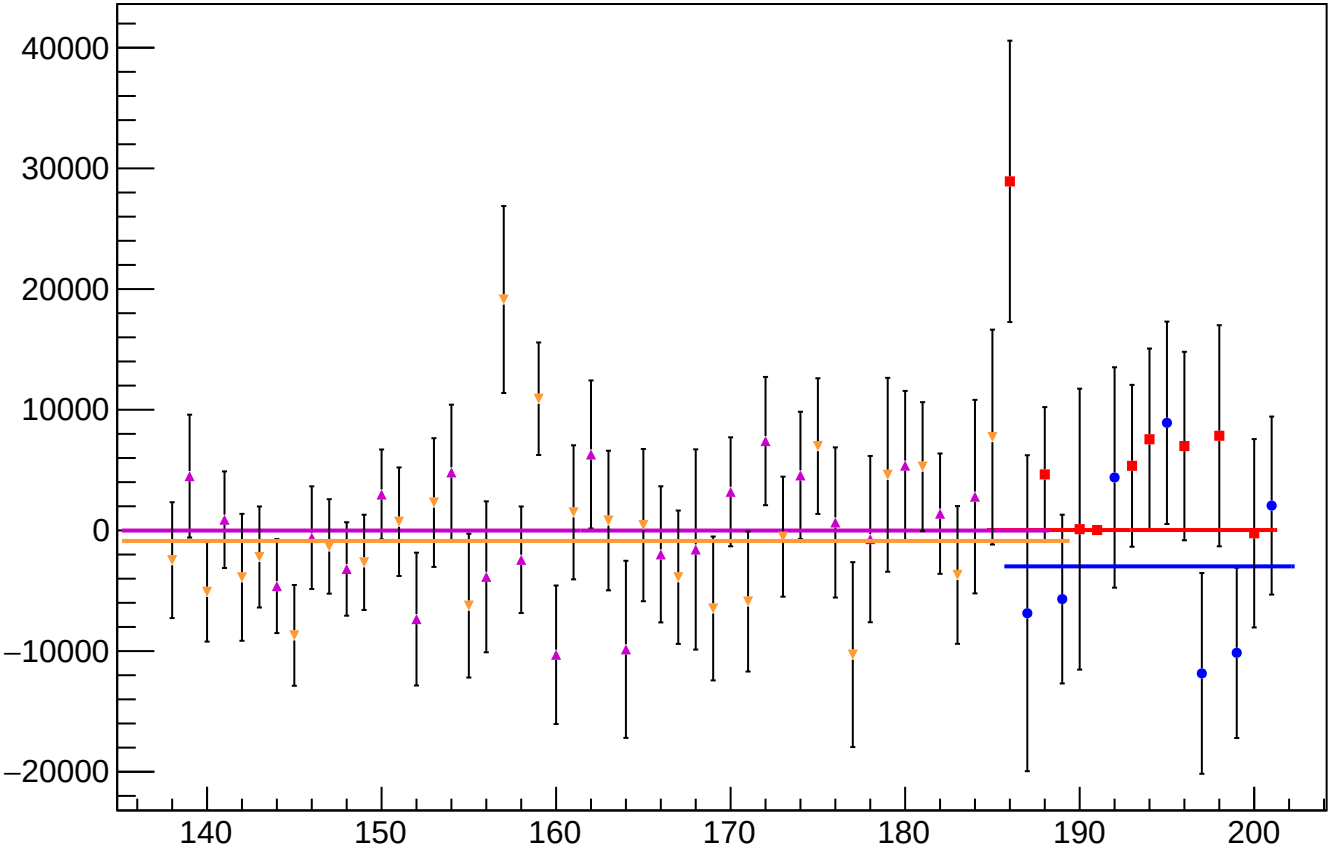
Right: 2017.137+/-0.297 χ^2/NDF: 988242.1/50

In: 2013.804+/-0.268 χ^2/NDF:827735.9/46

Out: 2002.630+/-0.256 χ^2/NDF:340906.4/51

All: 2007.946+/-0.185 χ^2/NDF: 1169551.6/98

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -2979.512+/-3080.271 χ^2/NDF: 5.5/6

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

Right Out: 31.220+/-14.261 χ^2/NDF: 10.0/8

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

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

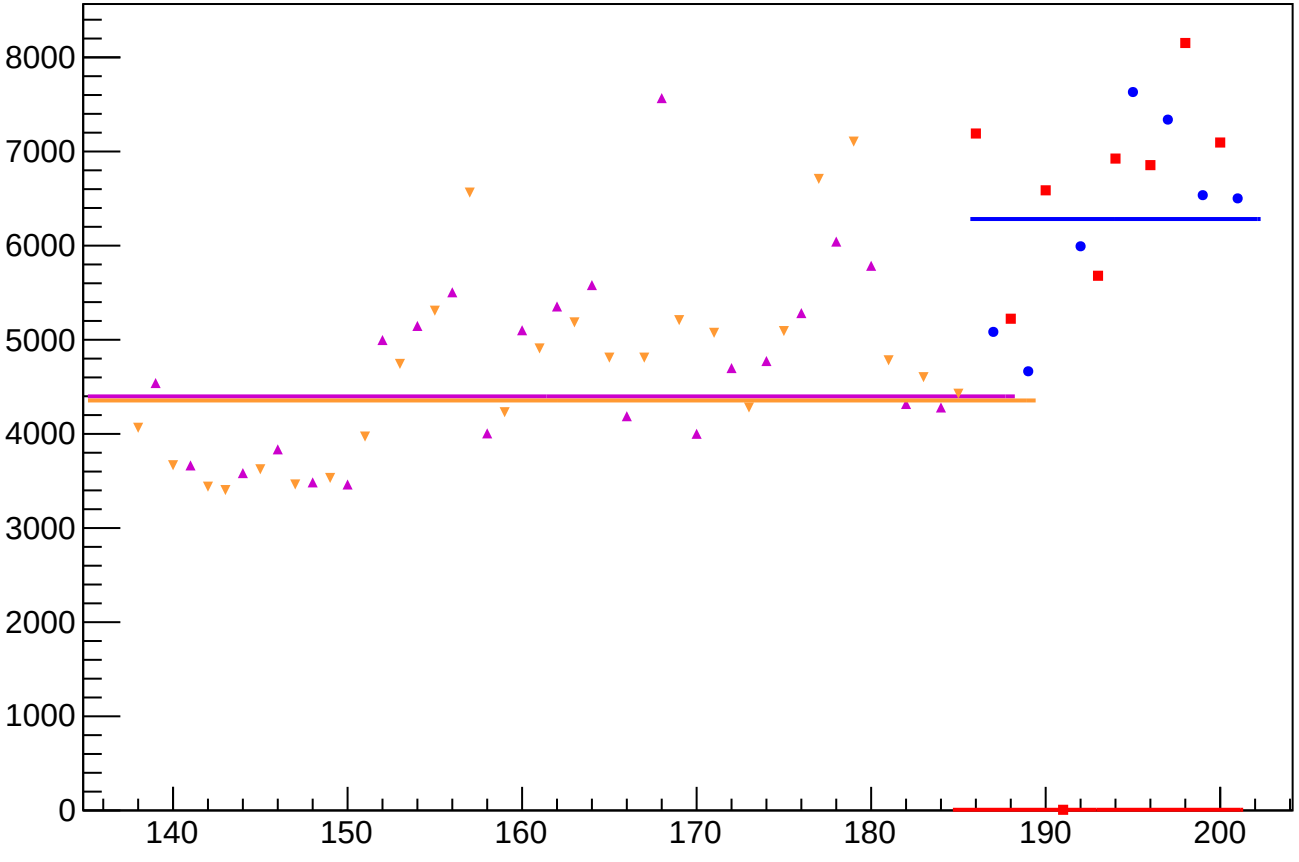
Right: 31.155+/-14.261 χ^2/NDF: 16.5/15

In: -330.722+/-1010.971 χ^2/NDF:23.5/29

Out: 31.051+/-14.259 χ^2/NDF:39.1/33

All: 30.979+/-14.258 χ^2/NDF: 62.7/63

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 6282.651+/-2.178 χ^2/NDF: 214141.3/6

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

Right Out: 7.241+/-0.010 χ^2/NDF: 11040436.1/8

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

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

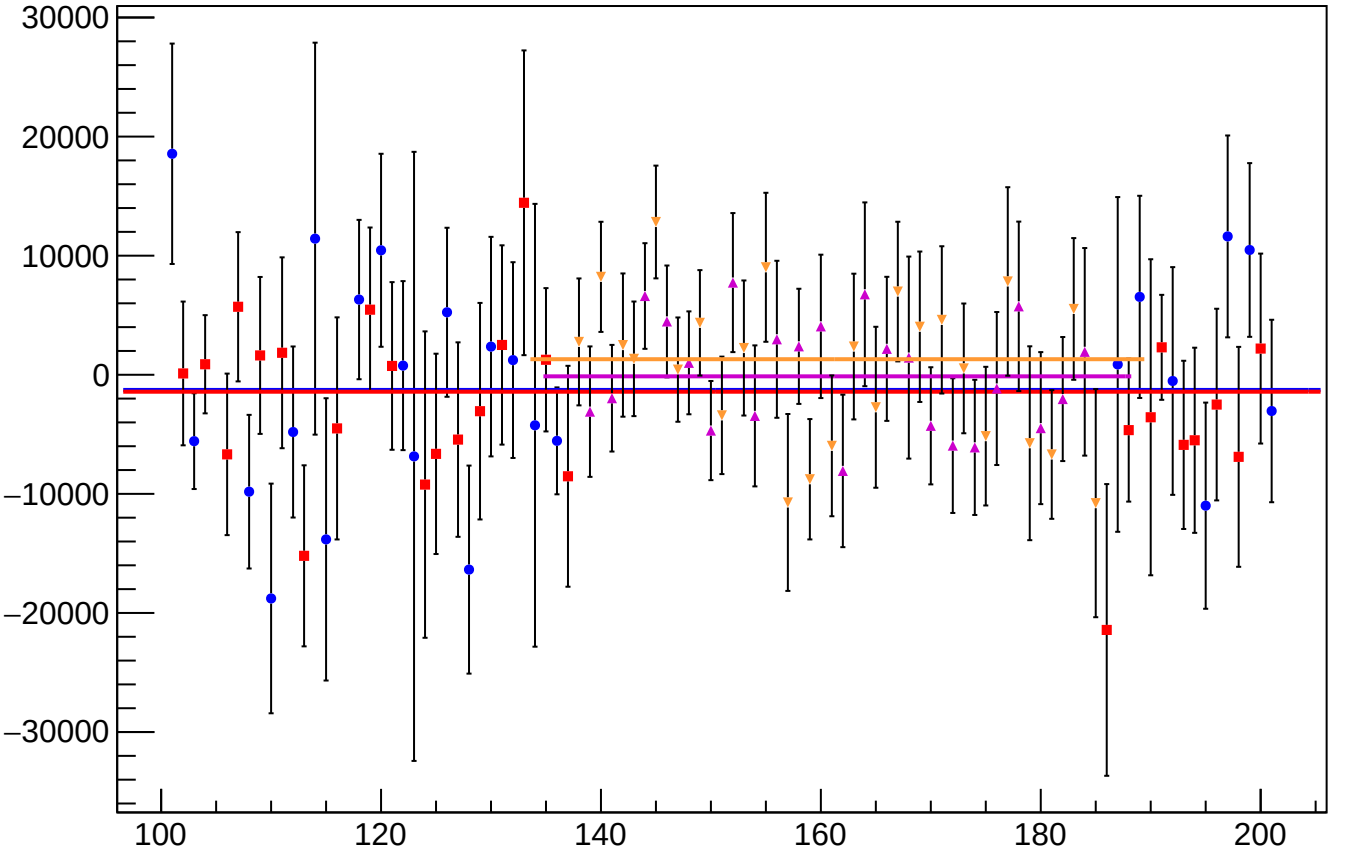
Right: 7.375+/-0.010 χ^2/NDF: 19555514.9/15

In: 4601.392+/-0.715 χ^2/NDF:2160686.2/29

Out: 8.053+/-0.010 χ^2/NDF:47114698.8/33

All: 8.966+/-0.010 χ^2/NDF: 90553776.6/63

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1273.334+/-1576.097 χ^2/NDF: 28.4/23

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

Right Out: -1422.765+/-1386.660 χ^2/NDF: 15.7/26

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

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

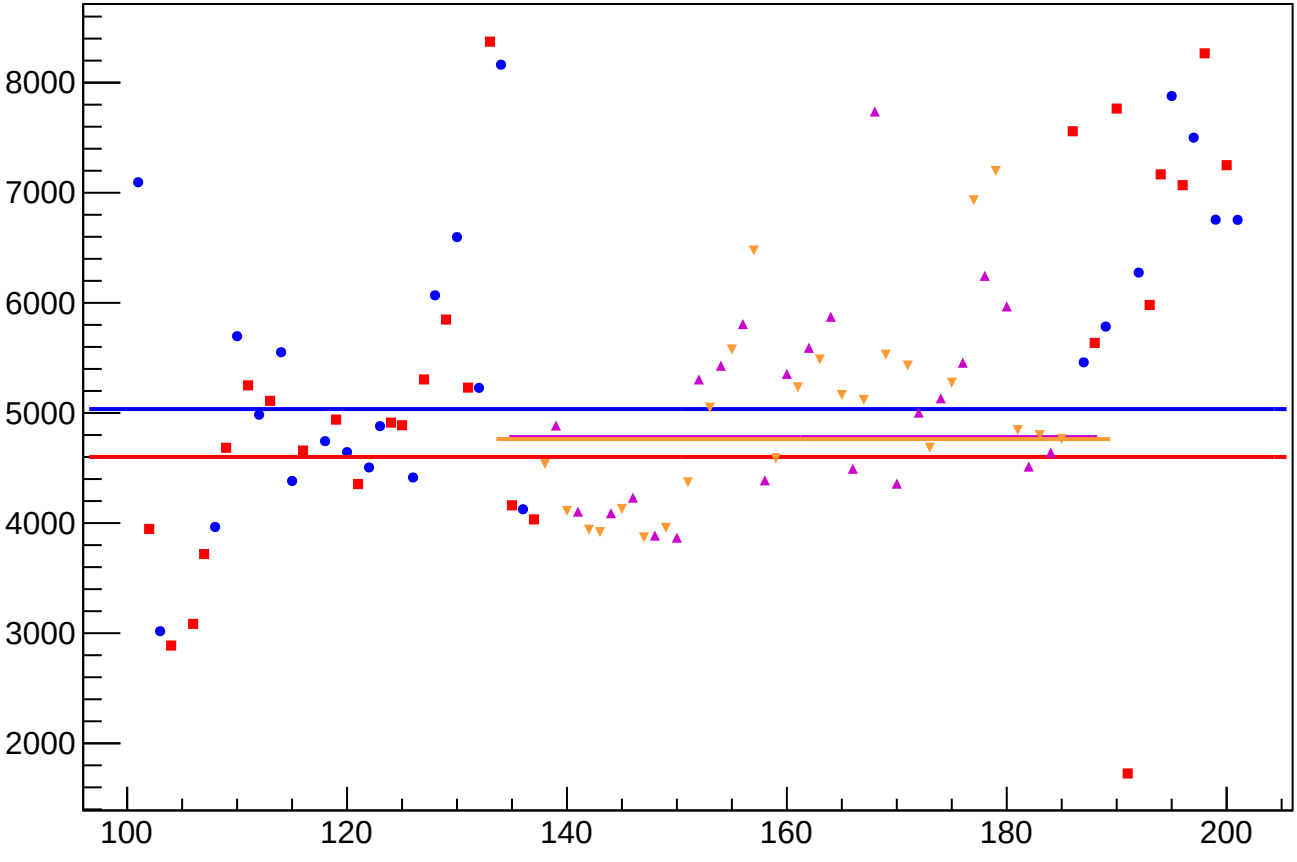
Right: -1357.565+/-1041.085 χ^2/NDF: 44.0/50

In: -531.429+/-932.821 χ^2/NDF:43.6/46

Out: 215.655+/-876.728 χ^2/NDF:46.1/51

All: -134.751+/-638.851 χ^2/NDF: 90.0/98

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5035.492+/-1.114 χ^2/NDF: 1583433.8/23

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

Right Out: 4600.575+/-0.977 χ^2/NDF: 2974542.0/26

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

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

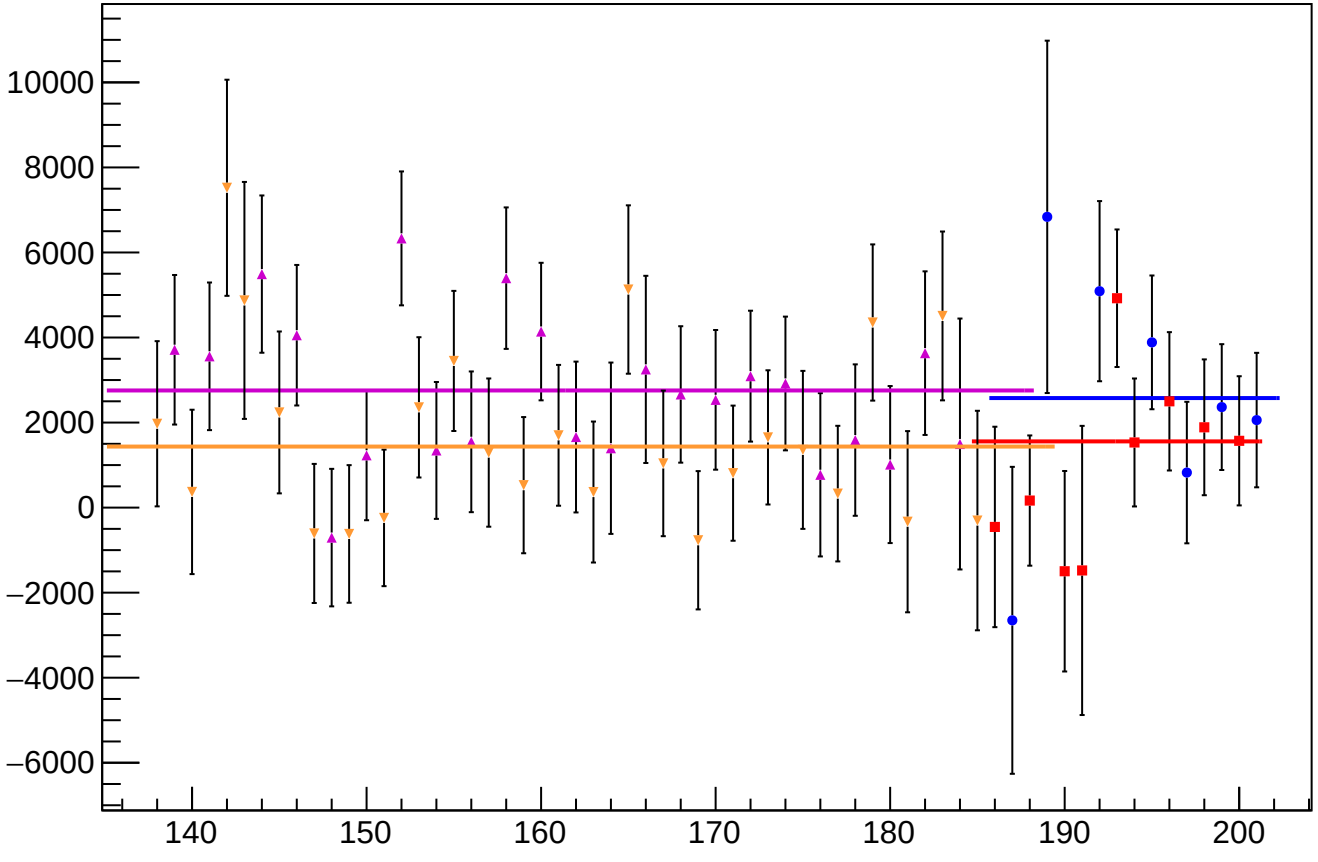
Right: 4789.536+/-0.735 χ^2/NDF: 4644100.6/50

In: 4870.258+/-0.660 χ^2/NDF:2568809.3/46

Out: 4697.891+/-0.619 χ^2/NDF:3932983.0/51

All: 4778.608+/-0.451 χ^2/NDF: 6538102.1/98

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2576.173+/-710.655 χ^2/NDF: 6.5/6

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

Right Out: 1557.159+/-587.191 χ^2/NDF: 8.7/8

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

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

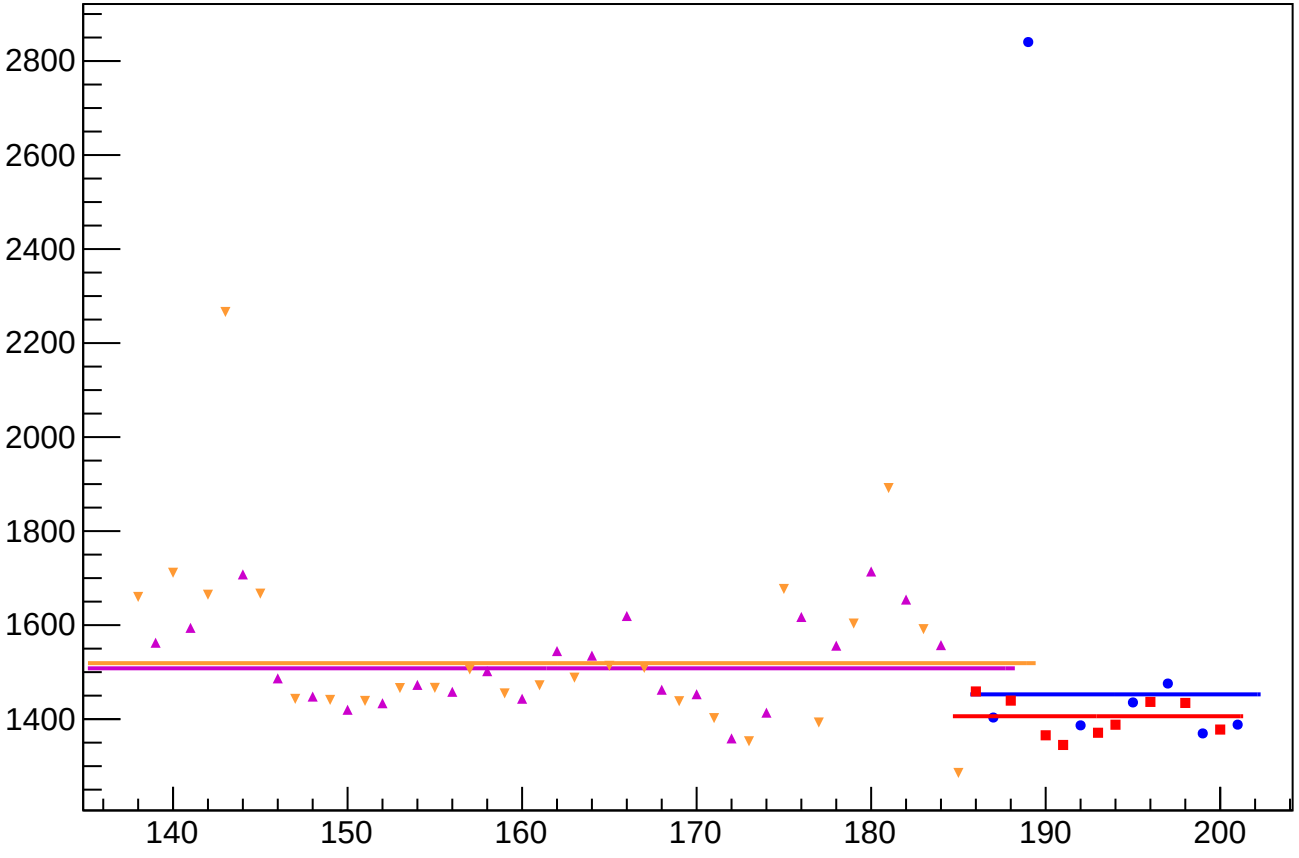
Right: 1970.597+/-452.662 χ^2/NDF: 16.5/15

In: 2718.123+/-322.330 χ^2/NDF:28.9/29

Out: 1468.495+/-305.780 χ^2/NDF:35.5/33

All: 2060.405+/-221.839 χ^2/NDF: 72.3/63

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1452.712+/-0.503 χ^2/NDF: 236889.6/6

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

Right Out: 1406.176+/-0.415 χ^2/NDF: 6437.5/8

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

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

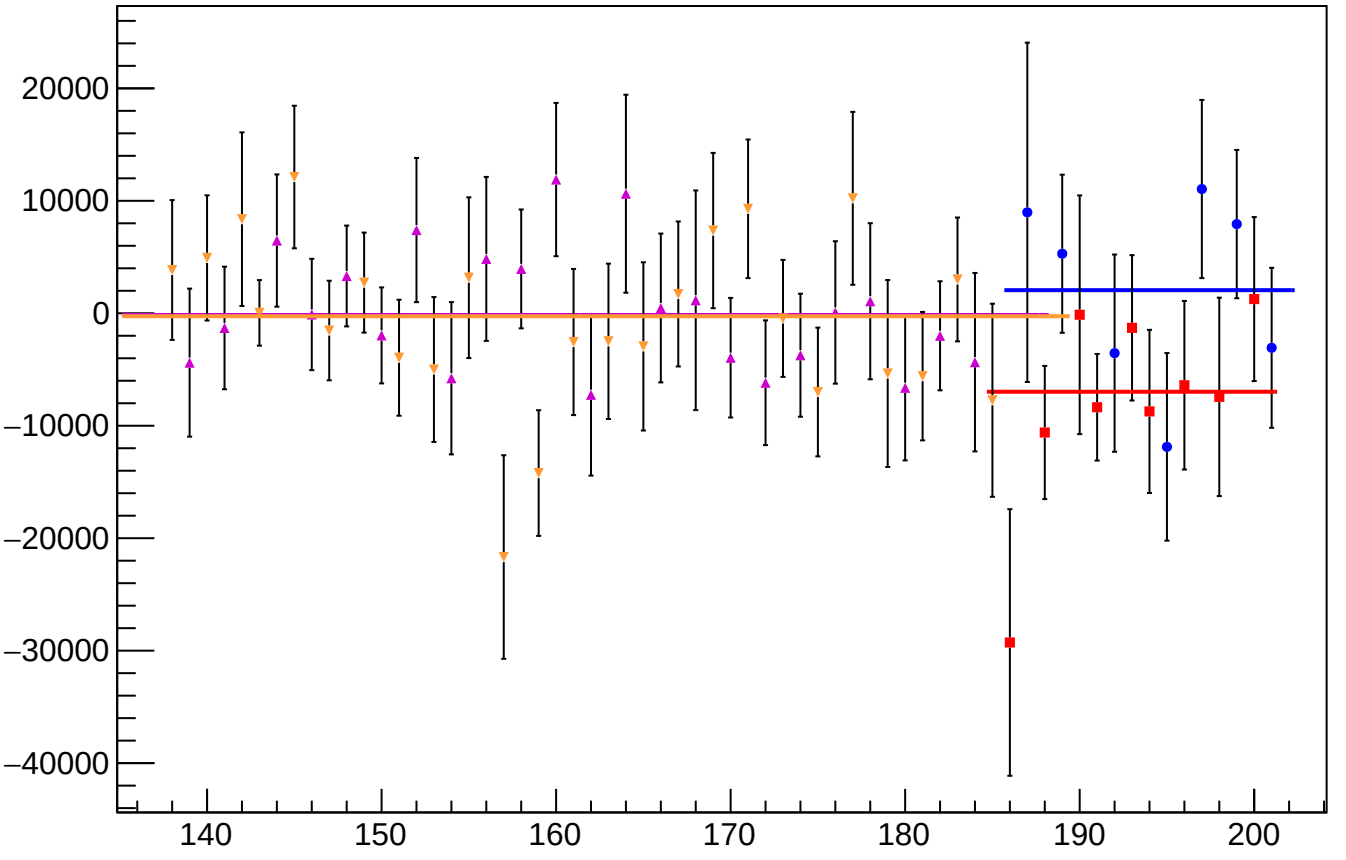
Right: 1425.057+/-0.320 χ^2/NDF: 248423.7/15

In: 1496.715+/-0.228 χ^2/NDF:378031.9/29

Out: 1488.472+/-0.216 χ^2/NDF:426178.4/33

All: 1492.376+/-0.157 χ^2/NDF: 804898.7/63

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 2055.356+/-3005.399 χ^2/NDF: 6.2/6

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

Right Out: -6978.576+/-2347.756 χ^2/NDF: 6.5/8

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

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

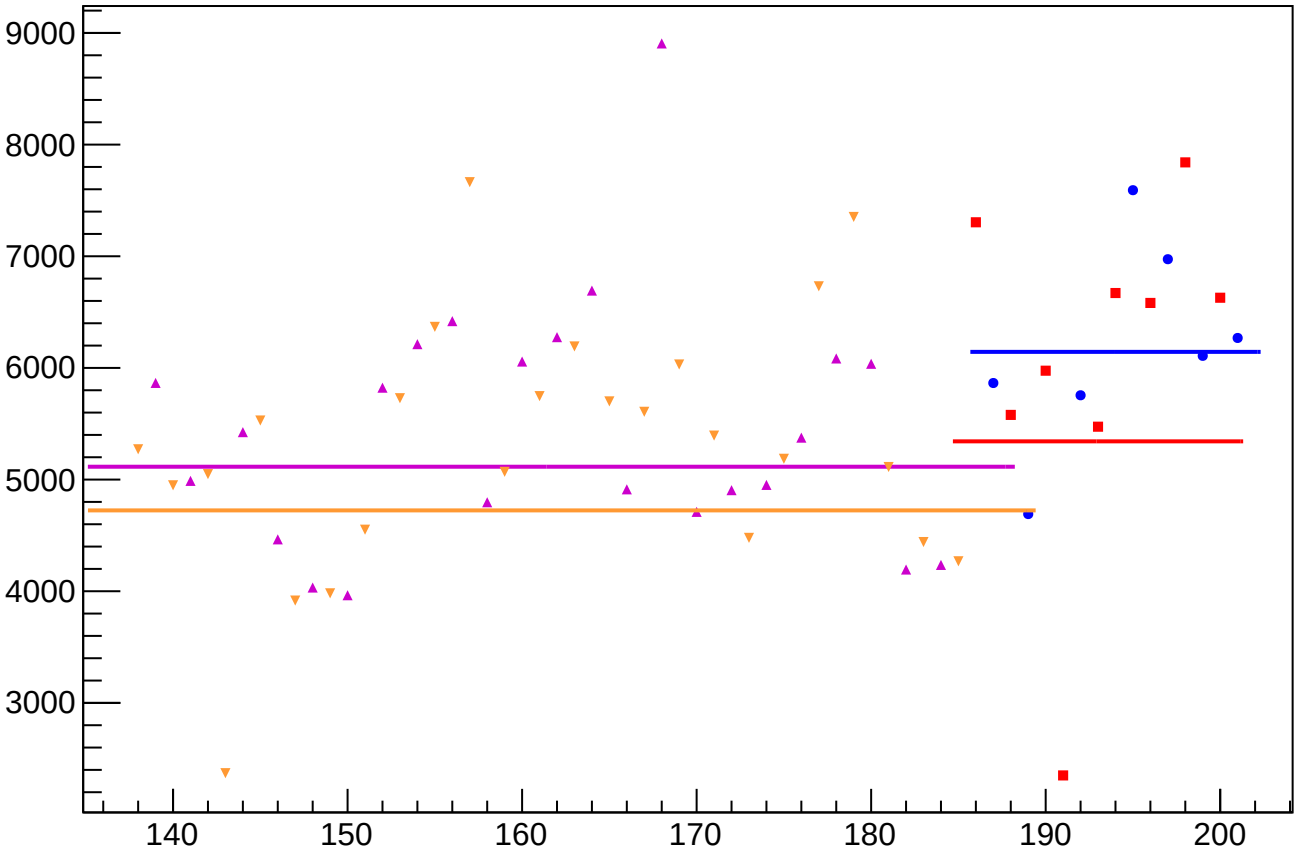
Right: -3554.940+/-1850.152 χ^2/NDF: 18.4/15

In: 170.547+/-1147.688 χ^2/NDF:21.5/29

Out: -1565.602+/-1033.569 χ^2/NDF:42.8/33

All: -788.112+/-768.030 χ^2/NDF: 65.6/63

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 6143.789+/-2.125 χ^2/NDF: 172912.1/6

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

Right Out: 5342.365+/-1.660 χ^2/NDF: 1206979.0/8

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

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

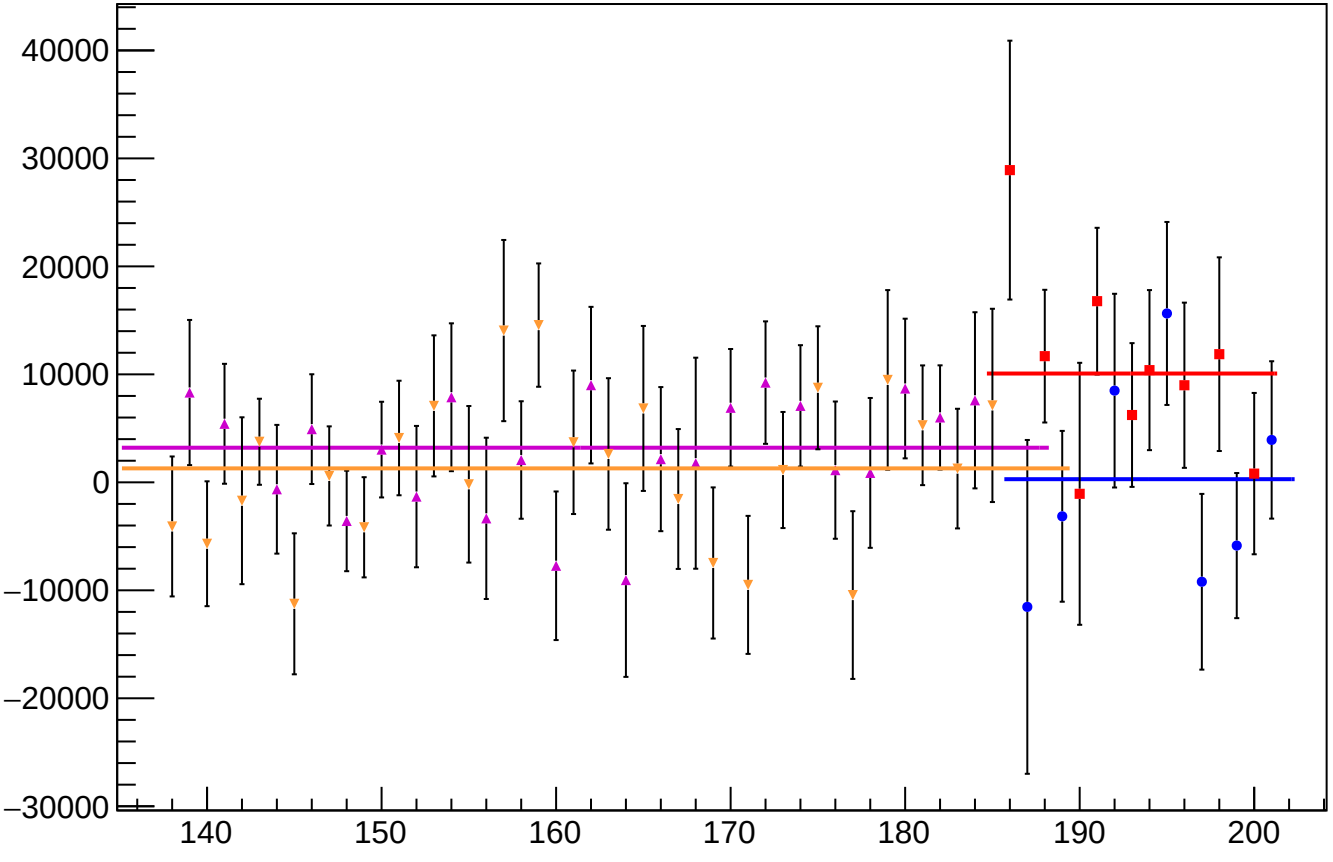
Right: 5646.085+/-1.308 χ^2/NDF: 1468211.1/15

In: 5265.146+/-0.812 χ^2/NDF:1504386.3/29

Out: 4843.866+/-0.731 χ^2/NDF:3856355.7/33

All: 5032.526+/-0.543 χ^2/NDF: 5509541.3/63

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 291.362+/-3121.957 χ^2/NDF: 7.3/6

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

Right Out: 10075.965+/-2580.951 χ^2/NDF: 6.3/8

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

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

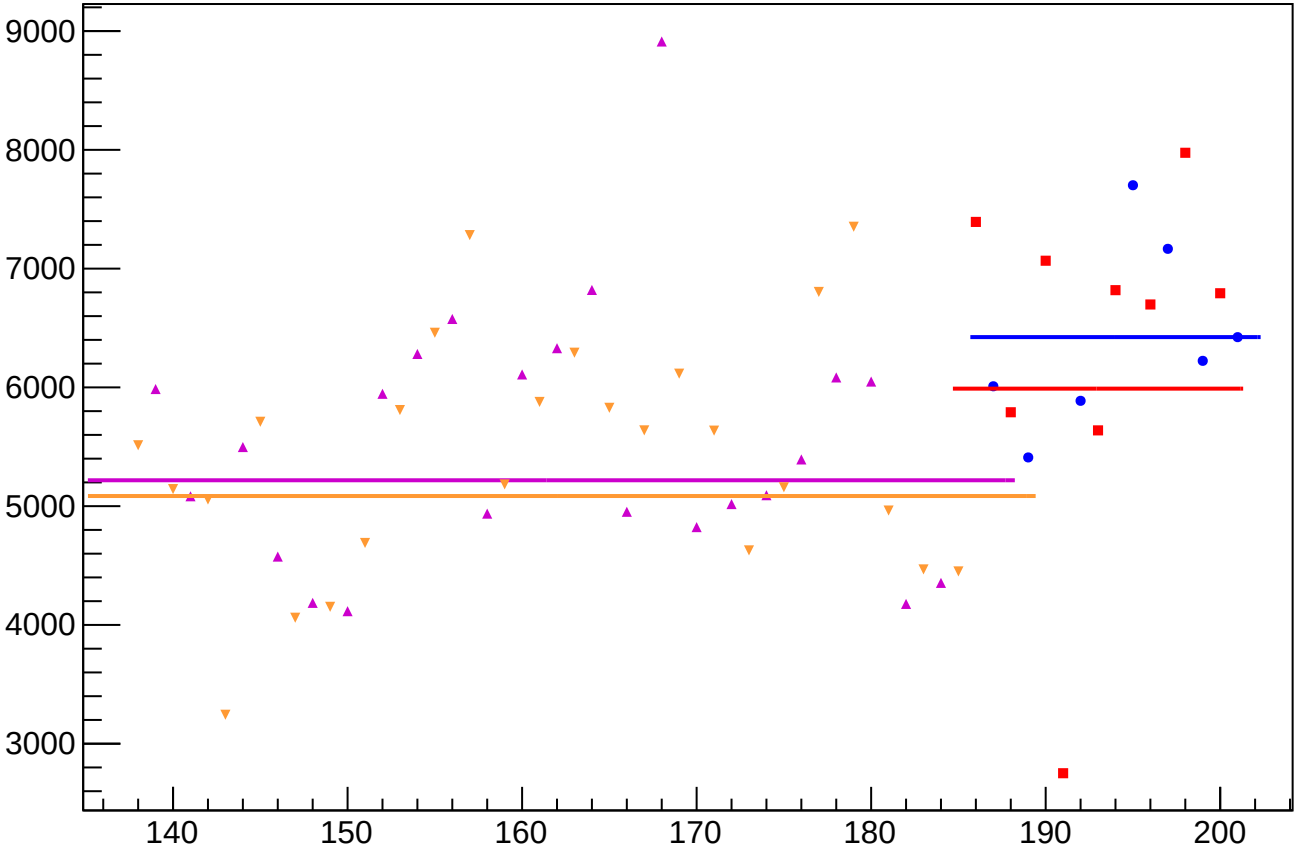
Right: 6103.601+/-1989.206 χ^2/NDF: 19.5/15

In: 2794.079+/-1172.878 χ^2/NDF:22.0/29

Out: 2887.330+/-1099.847 χ^2/NDF:43.6/33

All: 2843.698+/-802.286 χ^2/NDF: 65.5/63

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 6423.448+/-2.208 χ^2/NDF: 105390.7/6

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

Right Out: 5989.497+/-1.825 χ^2/NDF: 668657.2/8

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

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

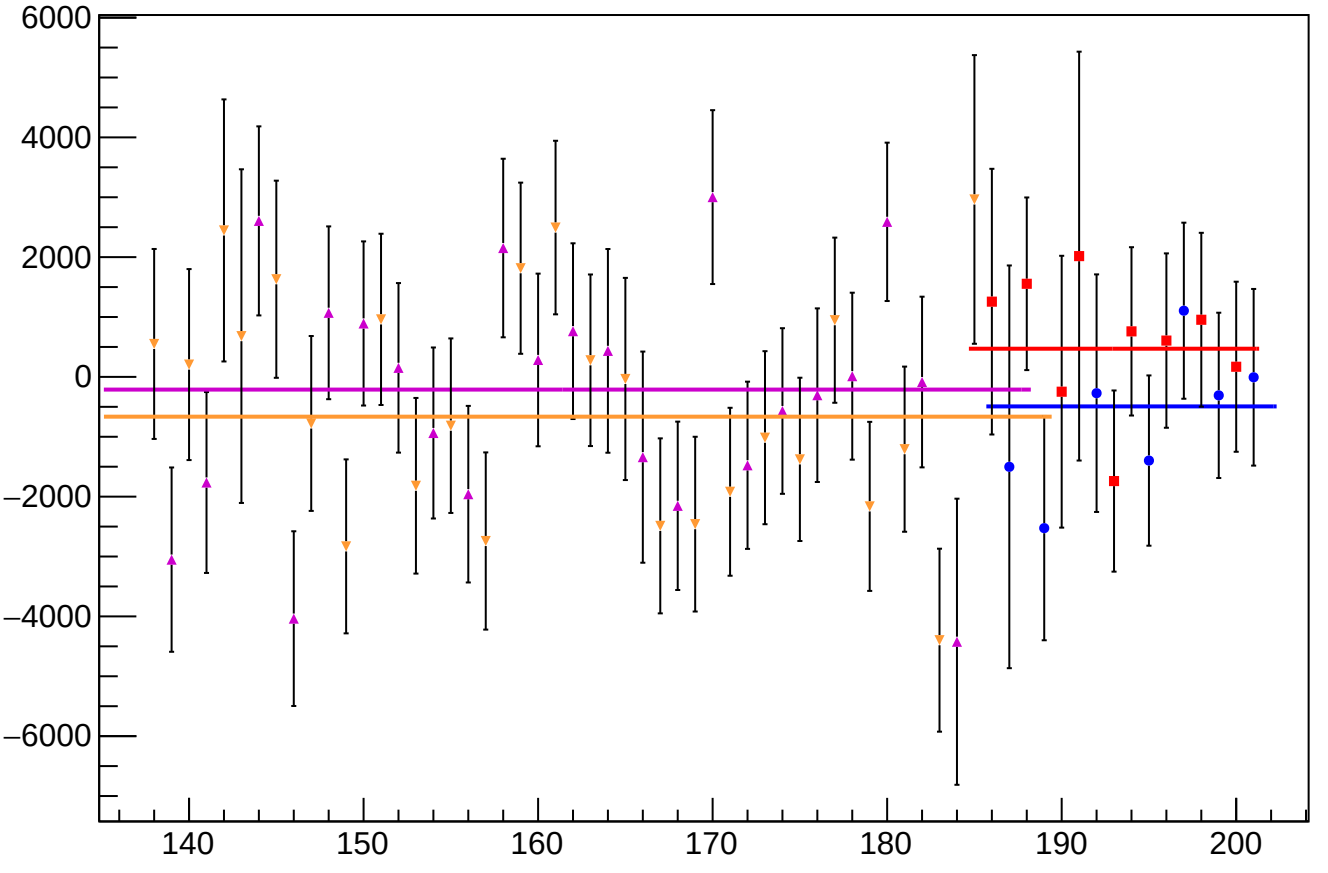
Right: 6165.673+/-1.407 χ^2/NDF: 797001.9/15

In: 5388.113+/-0.829 χ^2/NDF:1420490.7/29

Out: 5249.504+/-0.778 χ^2/NDF:2226246.1/33

All: 5314.359+/-0.567 χ^2/NDF: 3661599.6/63

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -493.058+/-623.875 χ^2/NDF: 3.0/6

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

Right Out: 470.519+/-546.441 χ^2/NDF: 3.3/8

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

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

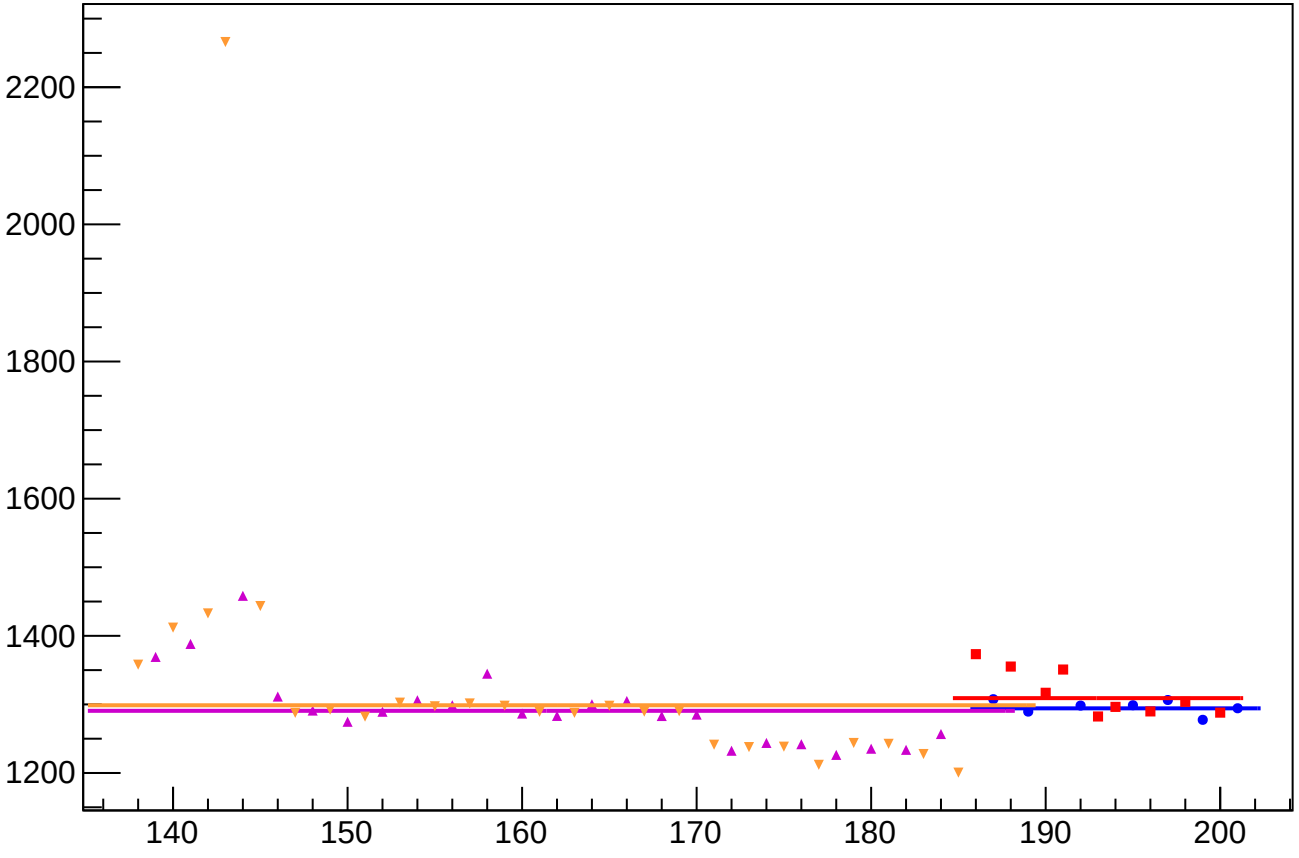
Right: 52.208+/-411.059 χ^2/NDF: 7.7/15

In: -267.307+/-276.608 χ^2/NDF:39.8/29

Out: -394.625+/-266.402 χ^2/NDF:41.2/33

All: -333.358+/-191.881 χ^2/NDF: 81.1/63

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1294.261+/-0.441 χ^2/NDF: 503.8/6

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

Right Out: 1309.140+/-0.386 χ^2/NDF: 5648.2/8

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

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

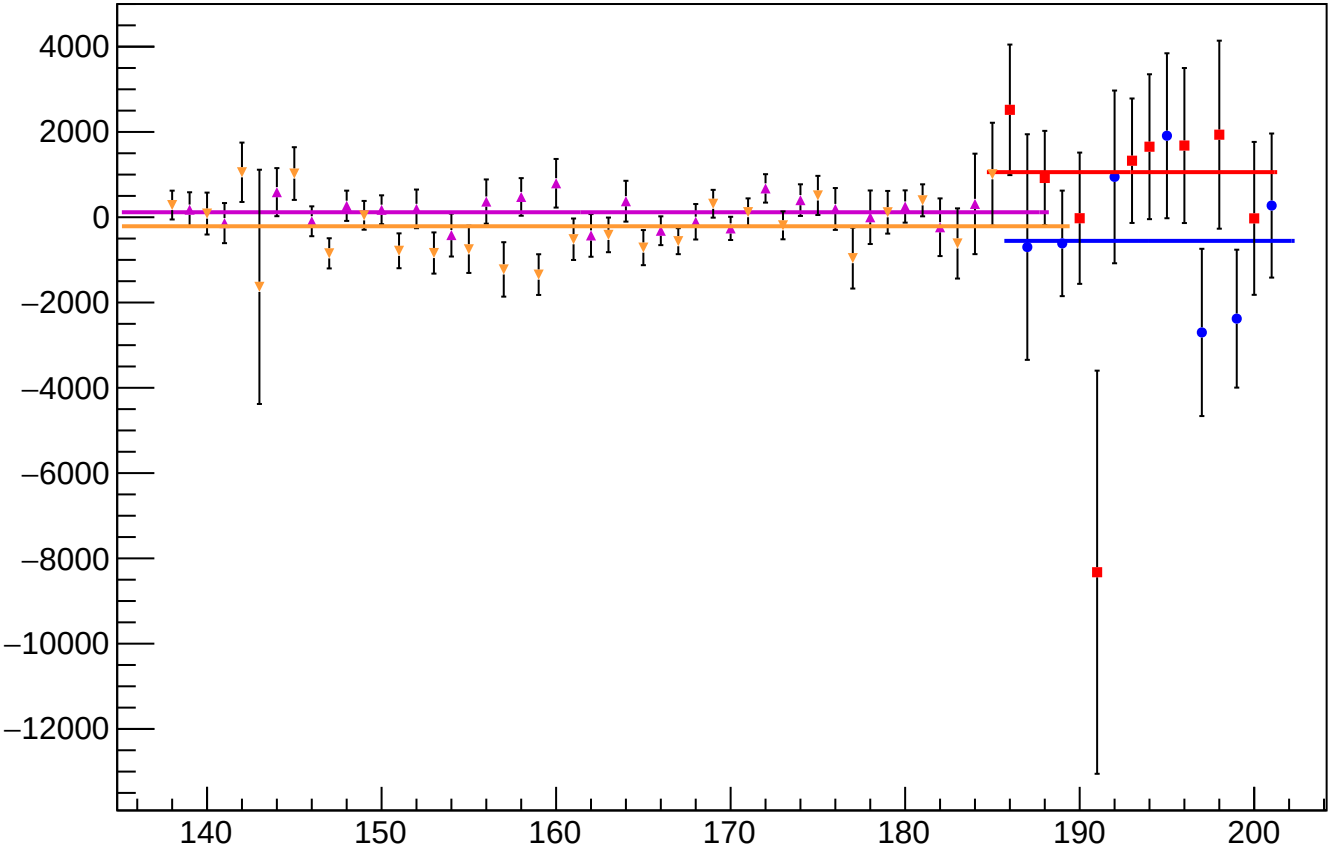
Right: 1302.681+/-0.291 χ^2/NDF: 6795.7/15

In: 1291.355+/-0.196 χ^2/NDF:59985.6/29

Out: 1301.214+/-0.188 χ^2/NDF:316544.8/33

All: 1296.470+/-0.136 χ^2/NDF: 377848.6/63

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -554.391+/-659.385 χ^2/NDF: 4.9/6

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

Right Out: 1057.619+/-546.457 χ^2/NDF: 6.2/8

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

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

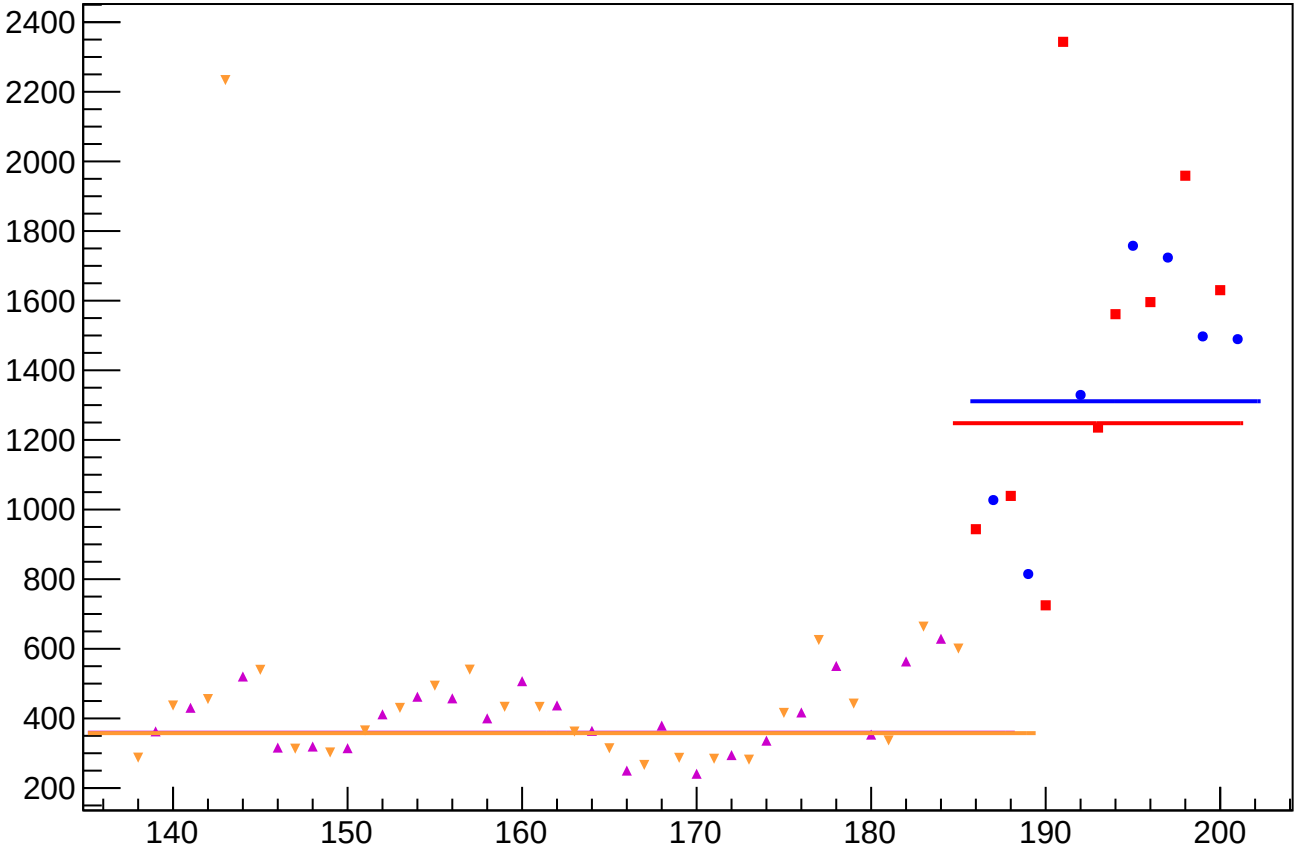
Right: 401.267+/-420.749 χ^2/NDF: 14.6/15

In: 105.306+/-87.435 χ^2/NDF:20.2/29

Out: -179.796+/-86.563 χ^2/NDF:53.1/33

All: -38.674+/-61.515 χ^2/NDF: 78.7/63

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1311.087+/-0.466 χ^2/NDF: 588998.9/6

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

Right Out: 1248.048+/-0.386 χ^2/NDF: 929255.7/8

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

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

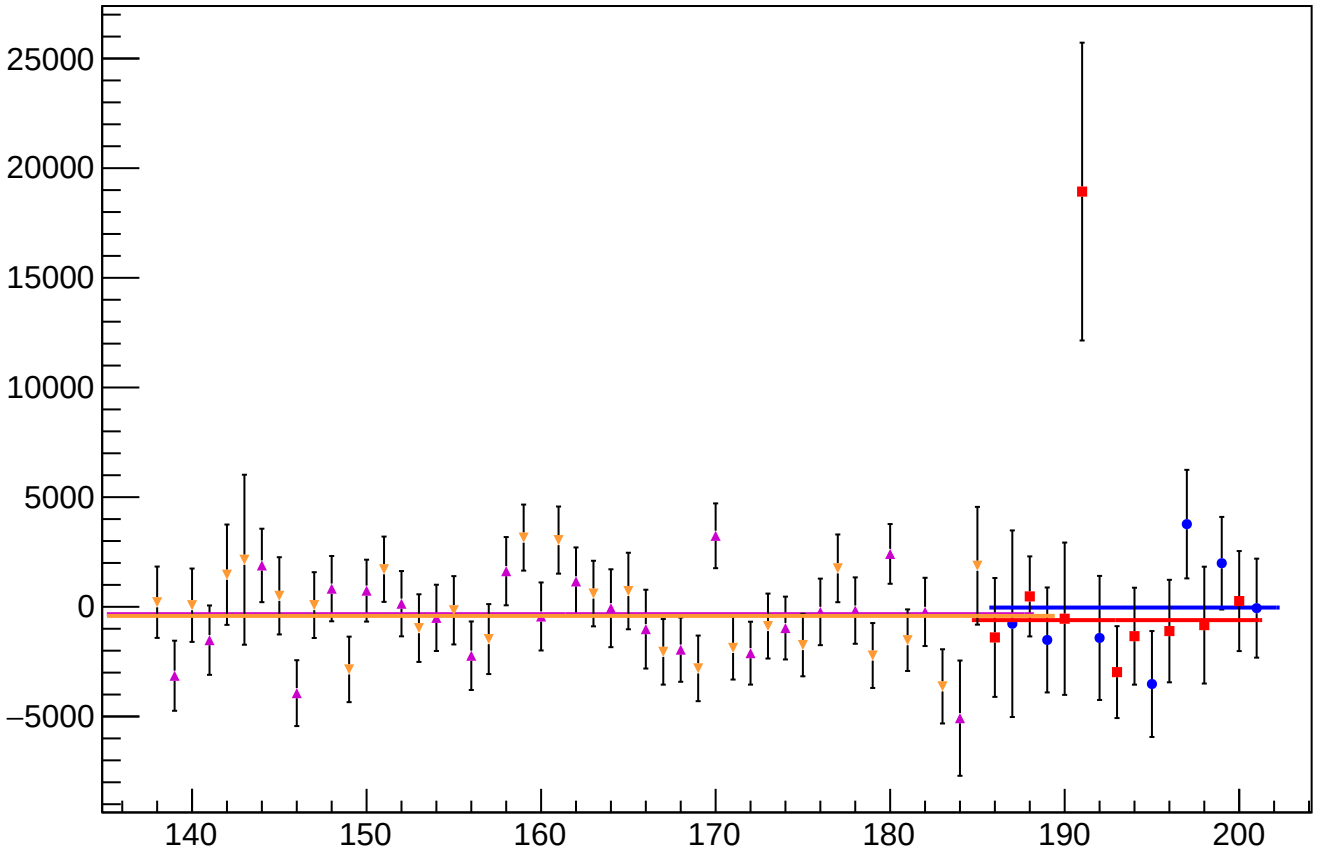
Right: 1273.715+/-0.298 χ^2/NDF: 1529091.5/15

In: 375.741+/-0.062 χ^2/NDF:6544238.3/29

Out: 380.089+/-0.061 χ^2/NDF:9146822.7/33

All: 377.937+/-0.043 χ^2/NDF: 15693559.3/63

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -33.510+/-948.885 χ^2/NDF: 6.0/6

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

Right Out: -606.498+/-819.203 χ^2/NDF: 10.3/8

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

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

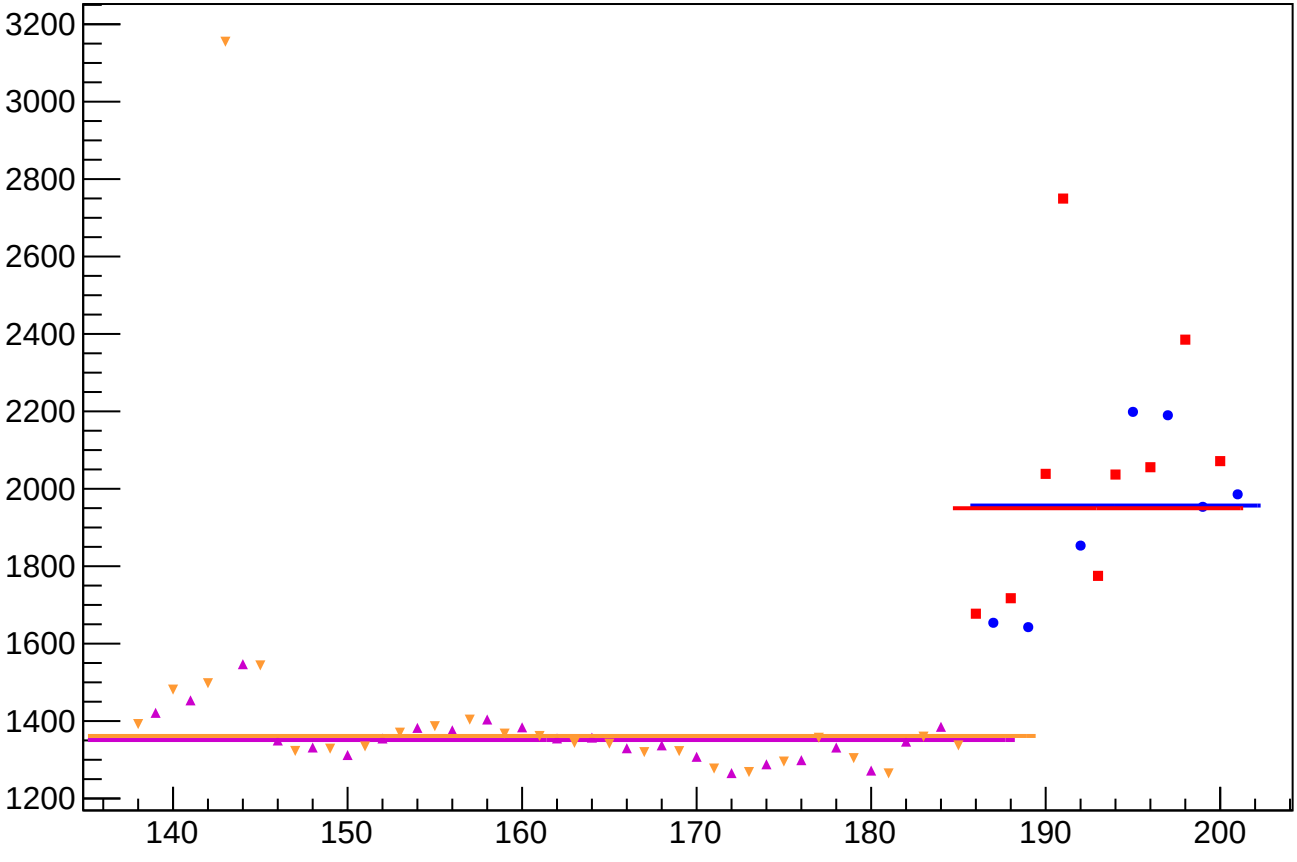
Right: -361.805+/-620.085 χ^2/NDF: 16.5/15

In: -305.654+/-305.790 χ^2/NDF:38.9/29

Out: -439.064+/-298.613 χ^2/NDF:43.2/33

All: -373.943+/-213.644 χ^2/NDF: 82.1/63

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1956.706+/-0.671 χ^2/NDF: 85467.2/6

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

Right Out: 1949.760+/-0.579 χ^2/NDF: 162013.4/8

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

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

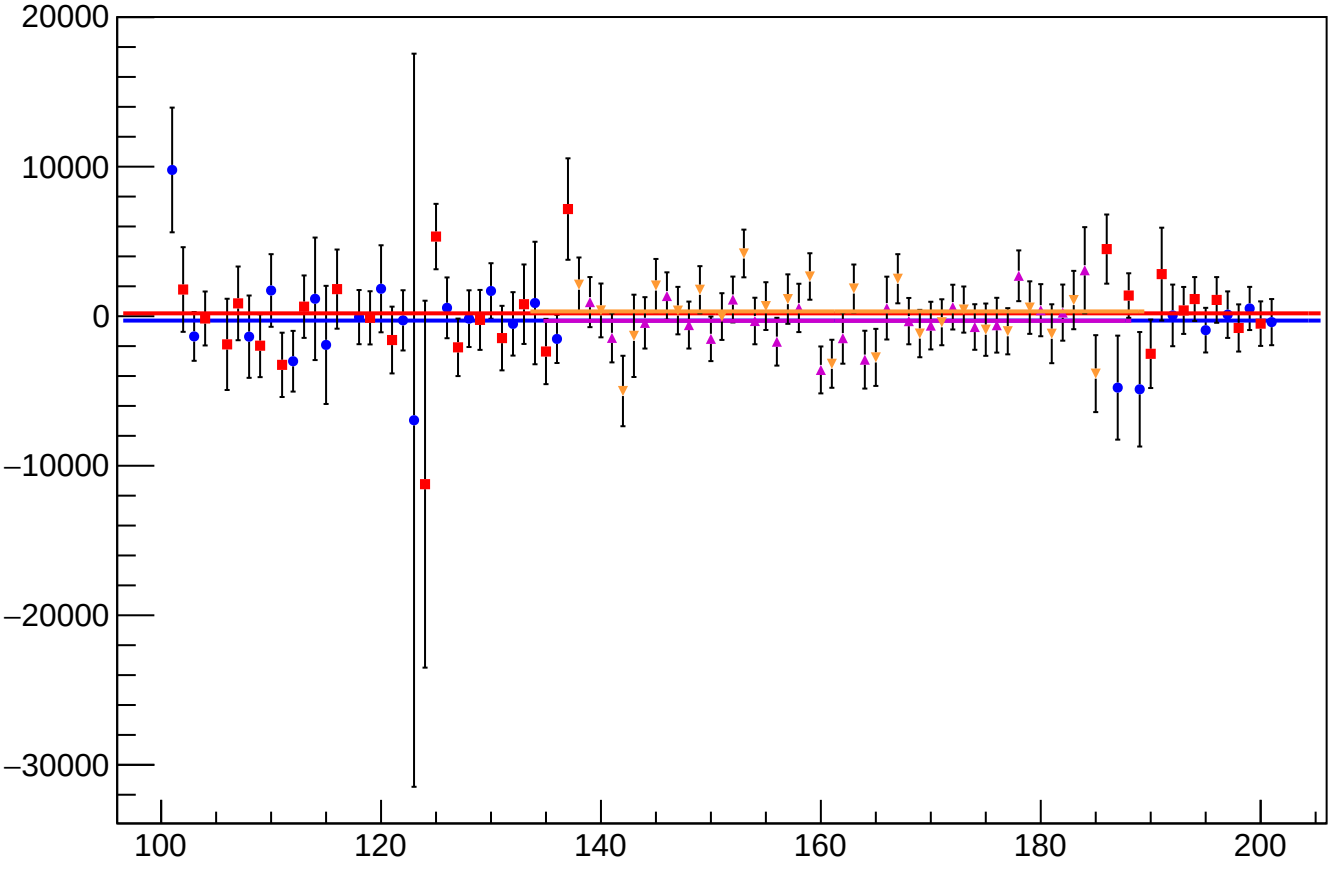
Right: 1952.726+/-0.438 χ^2/NDF: 247542.0/15

In: 1413.916+/-0.216 χ^2/NDF:884723.0/29

Out: 1439.673+/-0.211 χ^2/NDF:1564119.0/33

All: 1427.100+/-0.151 χ^2/NDF: 2456105.3/63

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -292.141+/-430.384 χ^2/NDF: 15.5/23

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

Right Out: 191.343+/-392.069 χ^2/NDF: 27.2/26

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

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

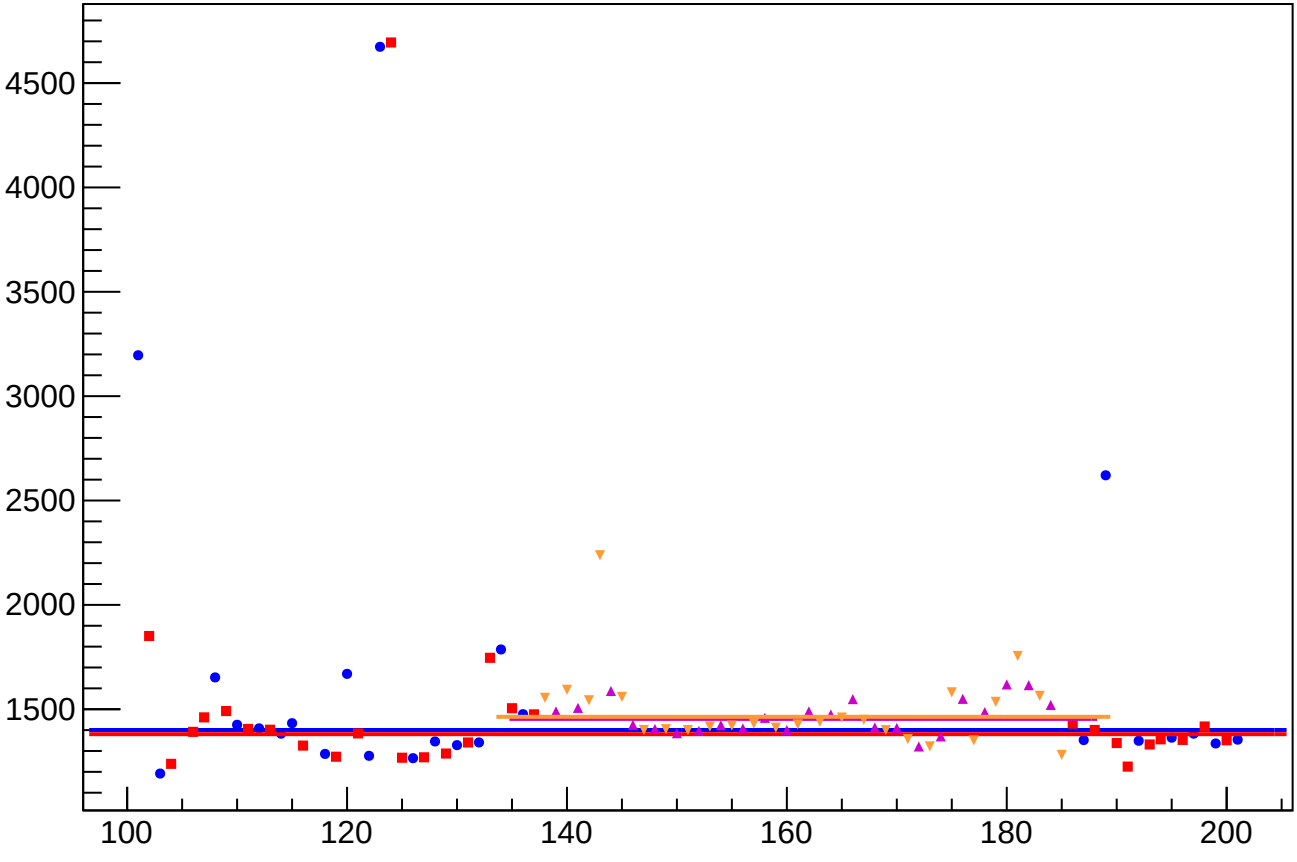
Right: -27.924+/-289.836 χ^2/NDF: 43.4/50

In: -303.436+/-270.743 χ^2/NDF:32.3/46

Out: 263.953+/-258.851 χ^2/NDF:59.8/51

All: -7.007+/-187.098 χ^2/NDF: 94.4/98

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.548+/-0.304 χ^2/NDF: 738479.9/23

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

Right Out: 1380.472+/-0.277 χ^2/NDF: 304985.1/26

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

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

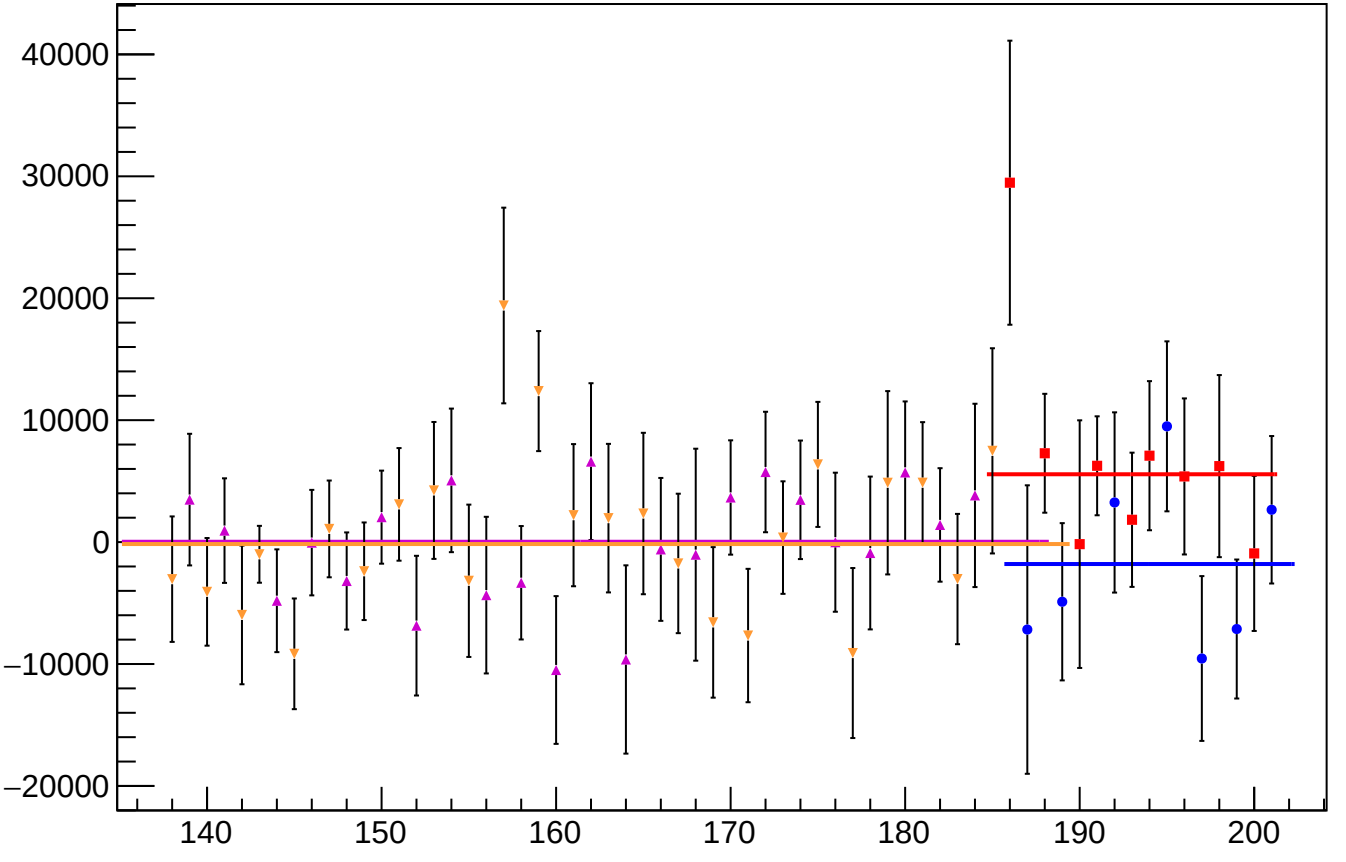
Right: 1389.573+/-0.205 χ^2/NDF: 1045843.8/50

In: 1432.704+/-0.191 χ^2/NDF:856180.6/46

Out: 1427.417+/-0.183 χ^2/NDF:666351.5/51

All: 1429.941+/-0.132 χ^2/NDF: 1522930.5/98

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: -1798.925+/-2581.218 χ^2/NDF: 6.3/6

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

Right Out: 5563.296+/-2013.413 χ^2/NDF: 6.3/8

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

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

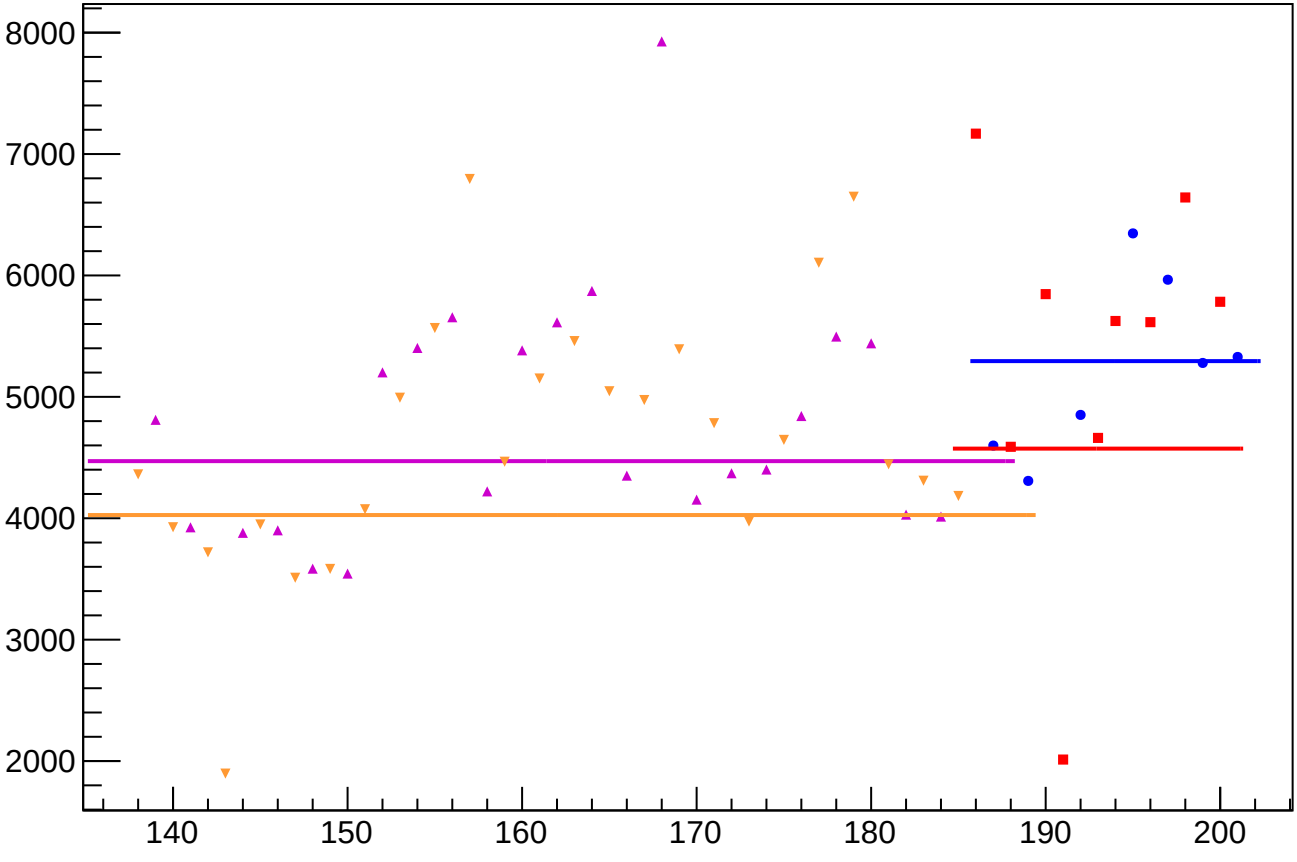
Right: 2778.324+/-1587.562 χ^2/NDF: 17.6/15

In: -247.418+/-1000.552 χ^2/NDF:22.0/29

Out: 953.040+/-887.940 χ^2/NDF:42.5/33

All: 424.142+/-664.129 χ^2/NDF: 65.3/63

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 5294.400+/-1.825 χ^2/NDF: 126225.3/6

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

Right Out: 4573.663+/-1.424 χ^2/NDF: 1265683.0/8

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

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

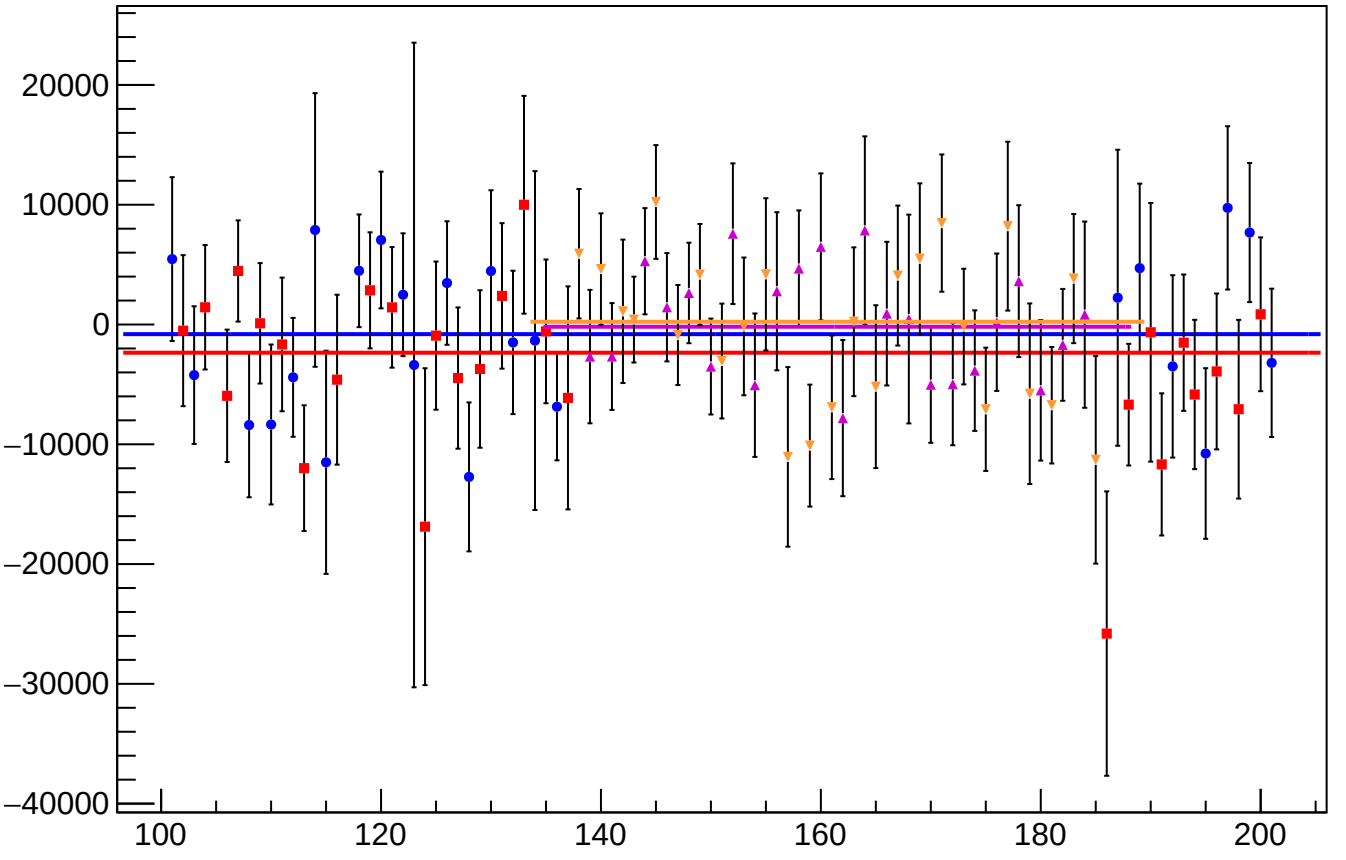
Right: 4846.302+/-1.123 χ^2/NDF: 1488854.3/15

In: 4594.287+/-0.707 χ^2/NDF:1431872.8/29

Out: 4132.876+/-0.628 χ^2/NDF:4455949.4/33

All: 4336.165+/-0.470 χ^2/NDF: 6125760.4/63

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -804.746+/-1306.518 χ^2/NDF: 24.3/23

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

Right Out: -2352.830+/-1171.594 χ^2/NDF: 21.4/26

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

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

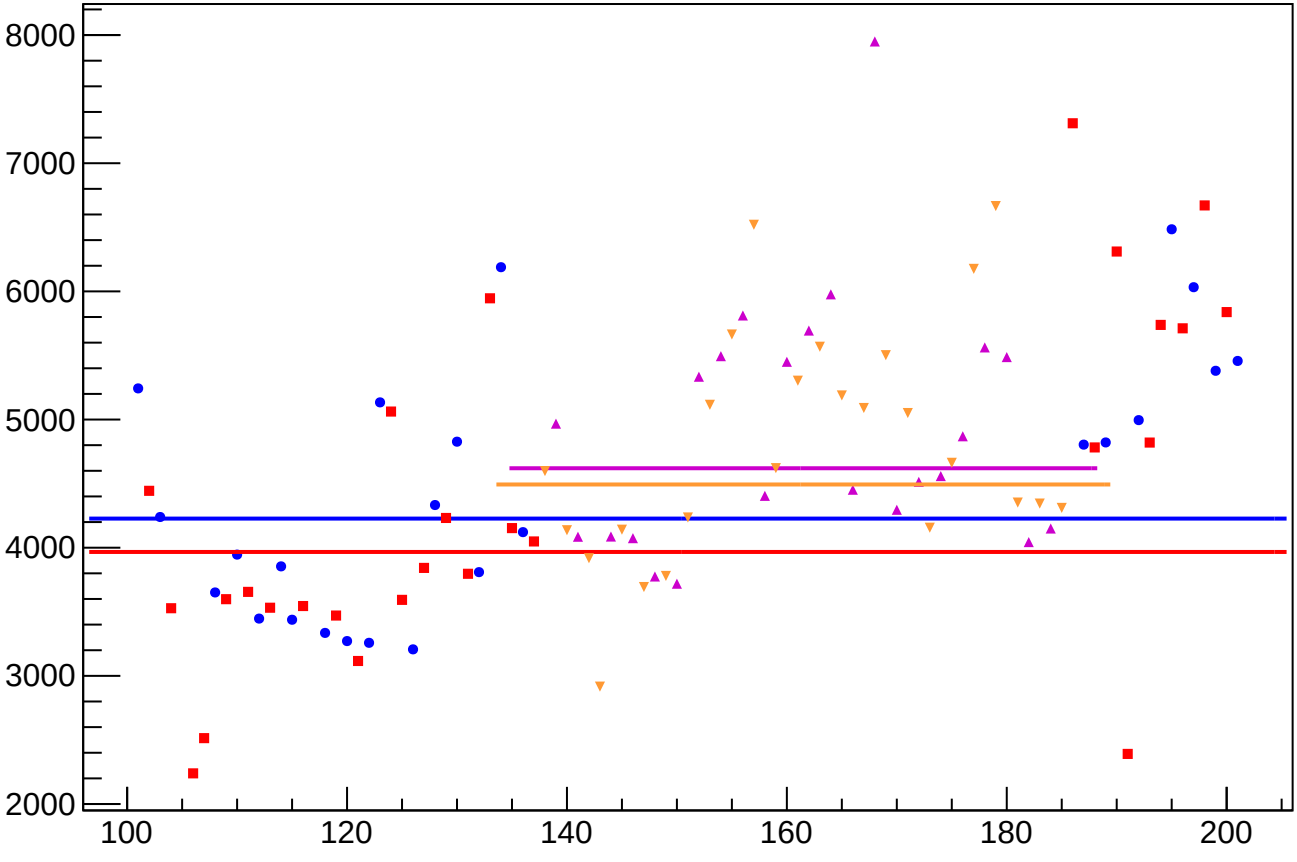
Right: -1662.826+/-872.256 χ^2/NDF: 46.5/50

In: -447.486+/-850.018 χ^2/NDF:38.7/46

Out: -948.869+/-791.501 χ^2/NDF:52.2/51

All: -716.028+/-579.259 χ^2/NDF: 91.0/98

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4227.166+/-0.924 χ^2/NDF: 1015580.3/23

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

Right Out: 3966.822+/-0.823 χ^2/NDF: 1983598.3/26

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

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

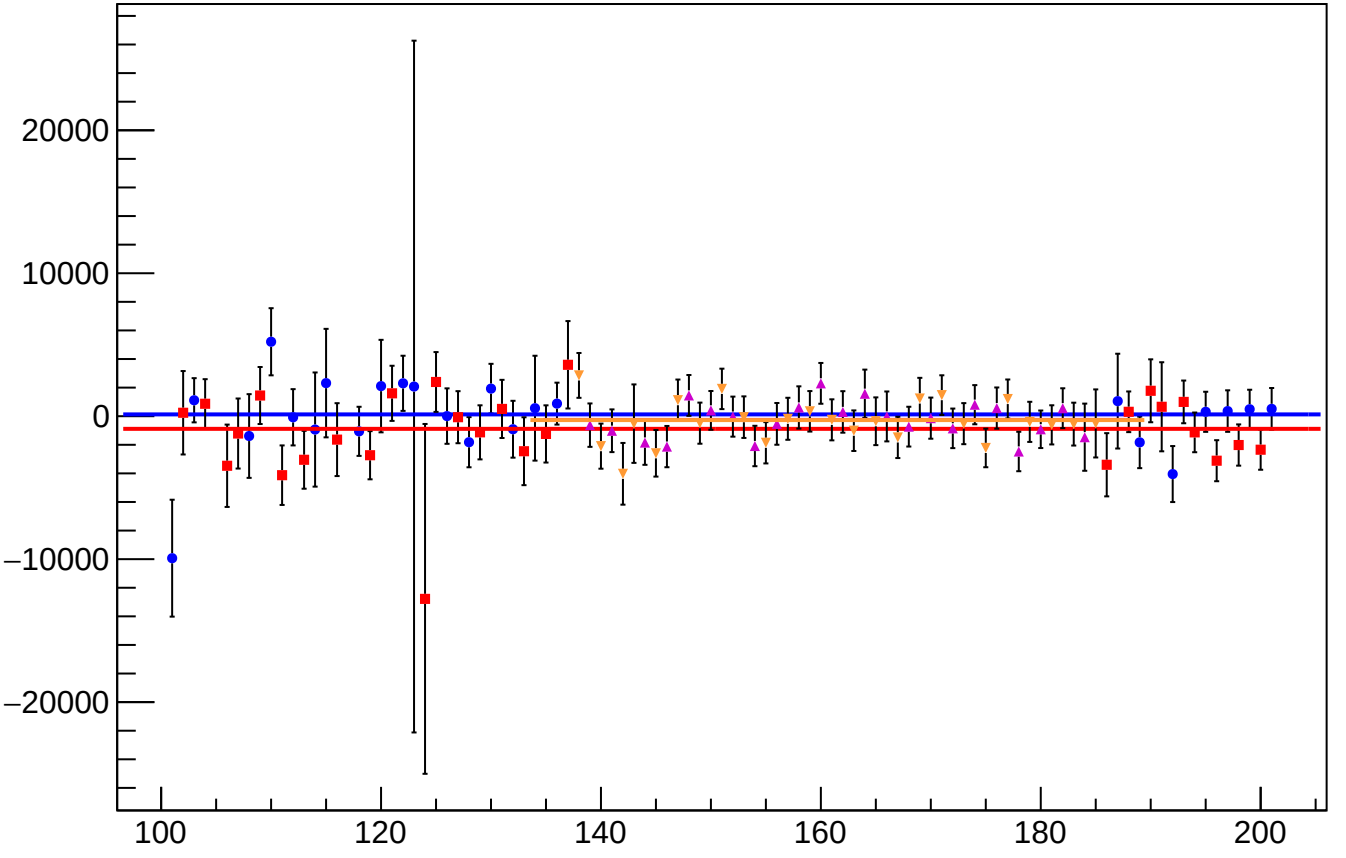
Right: 4082.014+/-0.615 χ^2/NDF: 3043456.2/50

In: 4453.691+/-0.601 χ^2/NDF:2121799.5/46

Out: 4251.294+/-0.558 χ^2/NDF:3513861.8/51

All: 4344.983+/-0.409 χ^2/NDF: 5696565.4/98

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 126.176+/-400.378 χ^2/NDF: 22.8/23

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

Right Out: -884.141+/-370.453 χ^2/NDF: 26.0/26

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

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

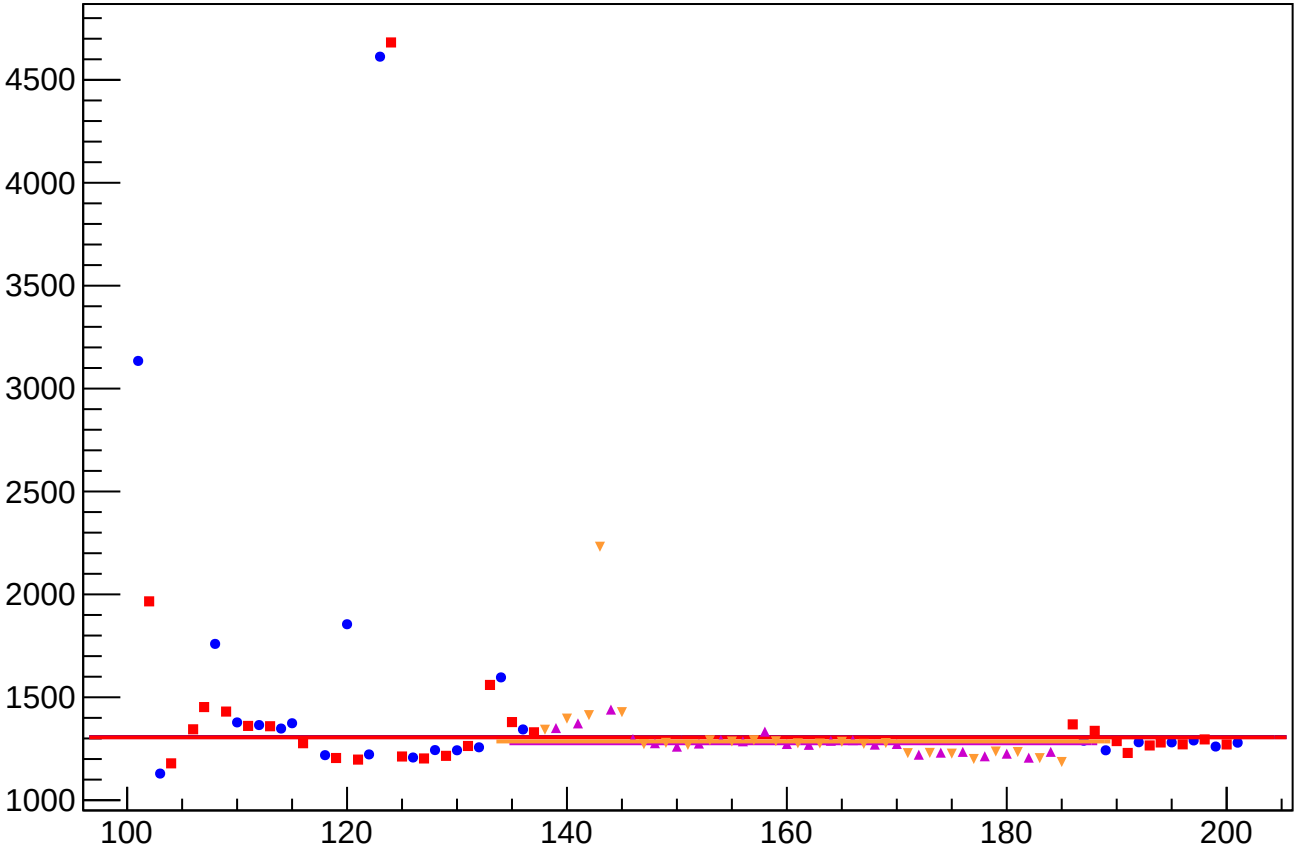
Right: -418.145+/-271.914 χ^2/NDF: 52.3/50

In: -116.937+/-242.767 χ^2/NDF:39.4/46

Out: -515.538+/-234.089 χ^2/NDF:49.9/51

All: -323.489+/-168.510 χ^2/NDF: 90.6/98

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1306.754+/-0.283 χ^2/NDF: 614508.2/23

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

Right Out: 1305.594+/-0.262 χ^2/NDF: 347576.8/26

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

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

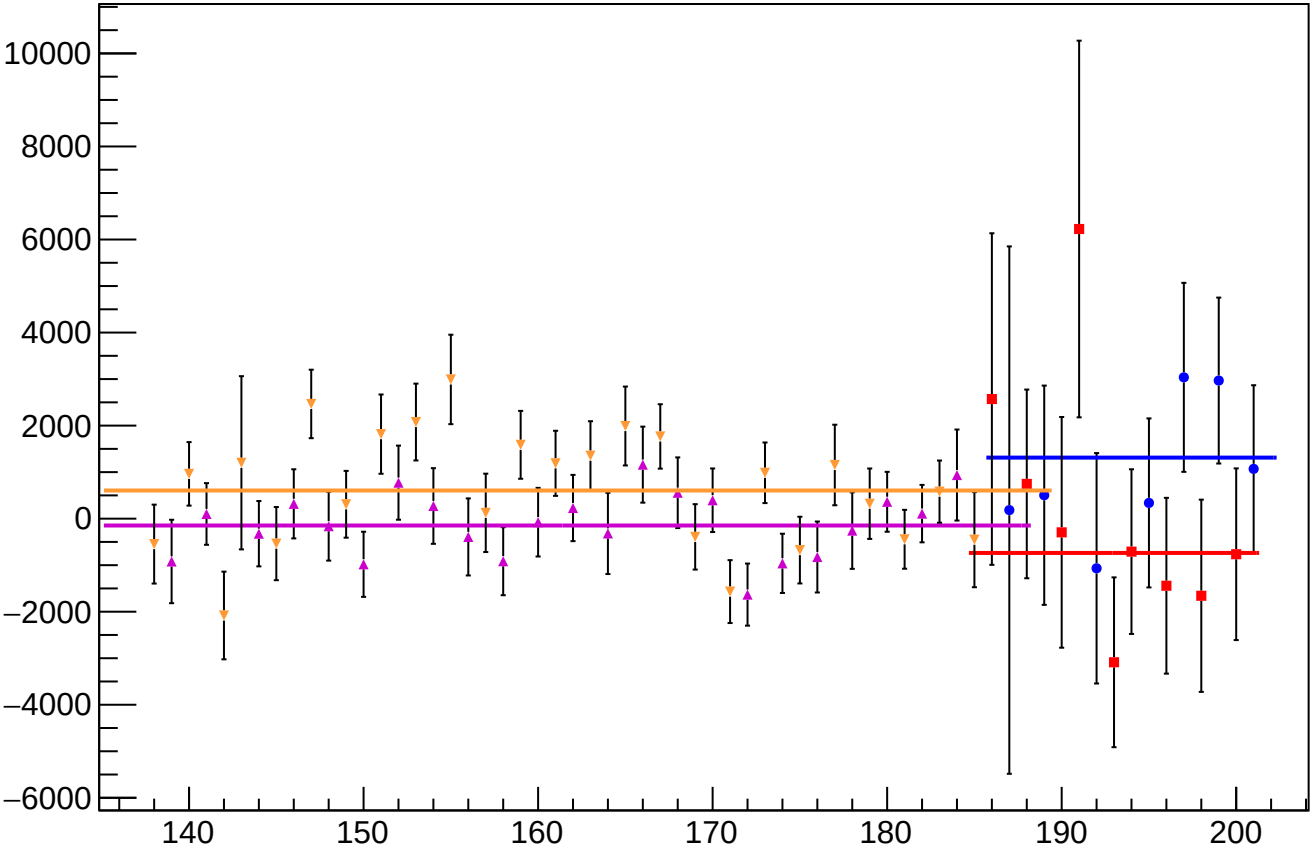
Right: 1306.129+/-0.192 χ^2/NDF: 962094.0/50

In: 1287.784+/-0.172 χ^2/NDF:681042.3/46

Out: 1293.568+/-0.166 χ^2/NDF:657143.1/51

All: 1290.781+/-0.119 χ^2/NDF: 1338773.8/98

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 1312.224+/-804.944 χ^2/NDF: 3.0/6

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

Right Out: -736.794+/-711.907 χ^2/NDF: 6.4/8

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

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

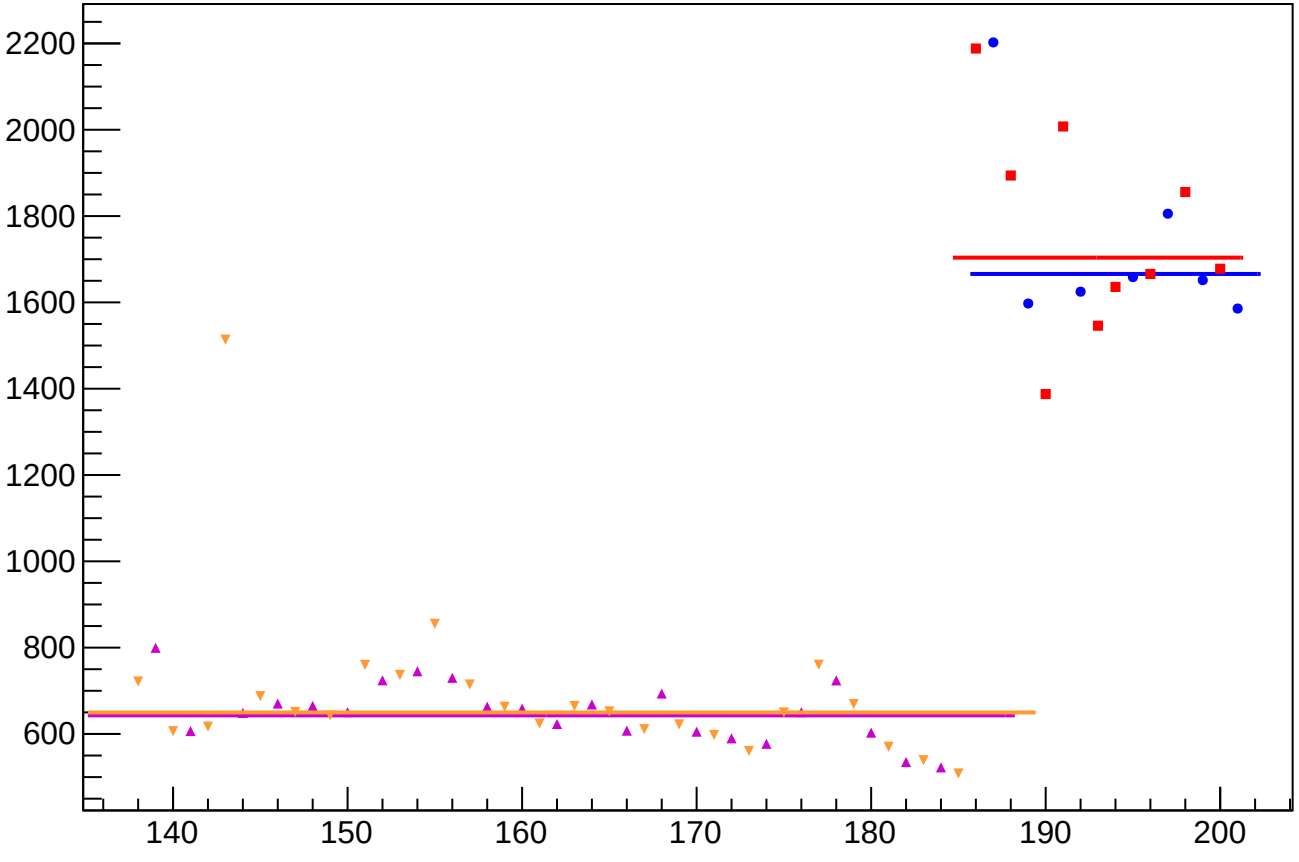
Right: 162.508+/-533.268 χ^2/NDF: 13.0/15

In: -95.484+/-151.305 χ^2/NDF:25.5/29

Out: 545.235+/-150.446 χ^2/NDF:69.8/33

All: 226.700+/-106.684 χ^2/NDF: 104.3/63

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1665.878+/-0.569 χ^2/NDF: 33735.0/6

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

Right Out: 1703.664+/-0.503 χ^2/NDF: 128268.9/8

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

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

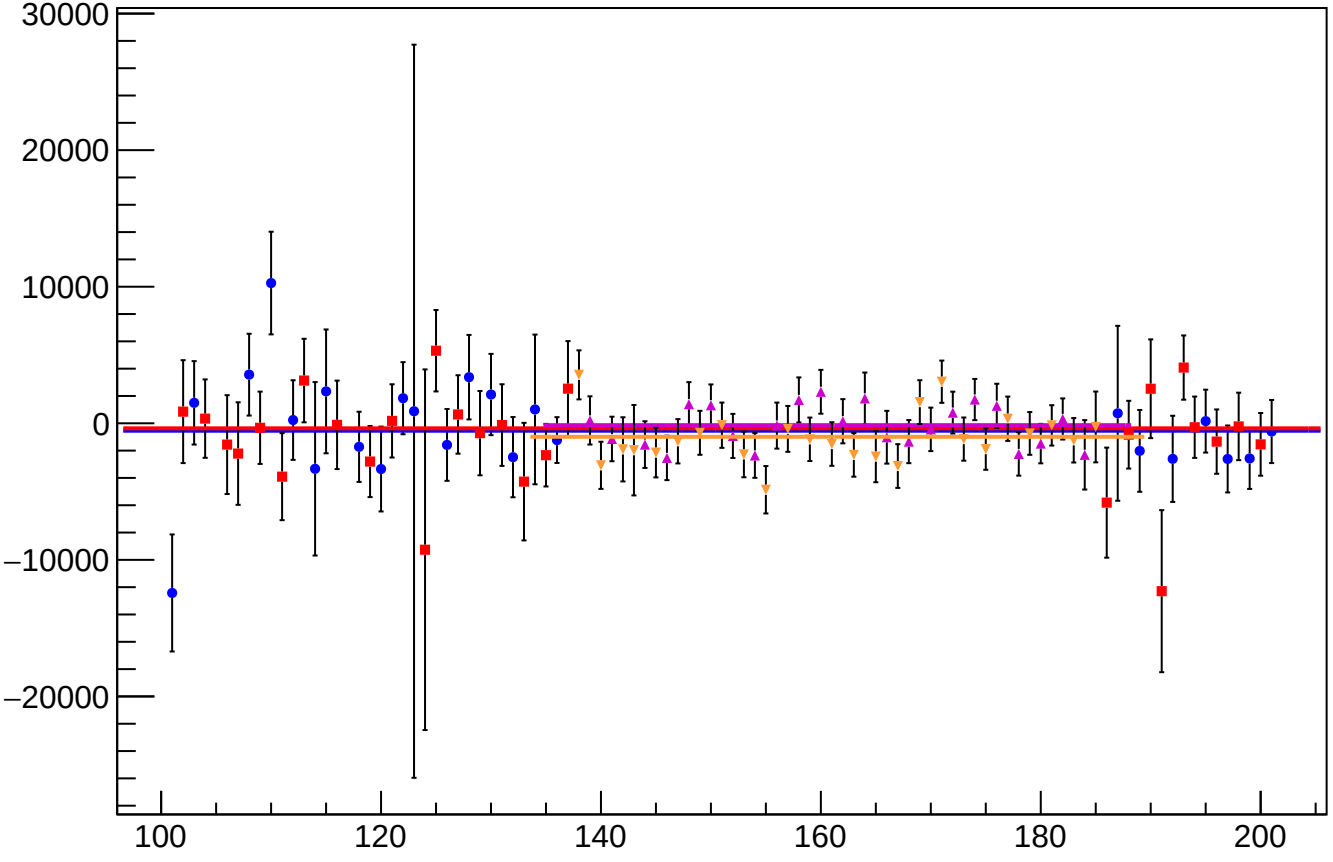
Right: 1687.080+/-0.377 χ^2/NDF: 164476.8/15

In: 679.149+/-0.107 χ^2/NDF:3473002.3/29

Out: 696.928+/-0.106 χ^2/NDF:5155643.0/33

All: 688.089+/-0.075 χ^2/NDF: 8642531.9/63

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -541.955+/-599.651 χ^2/NDF: 26.4/23

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

Right Out: -370.405+/-568.452 χ^2/NDF: 21.0/26

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

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

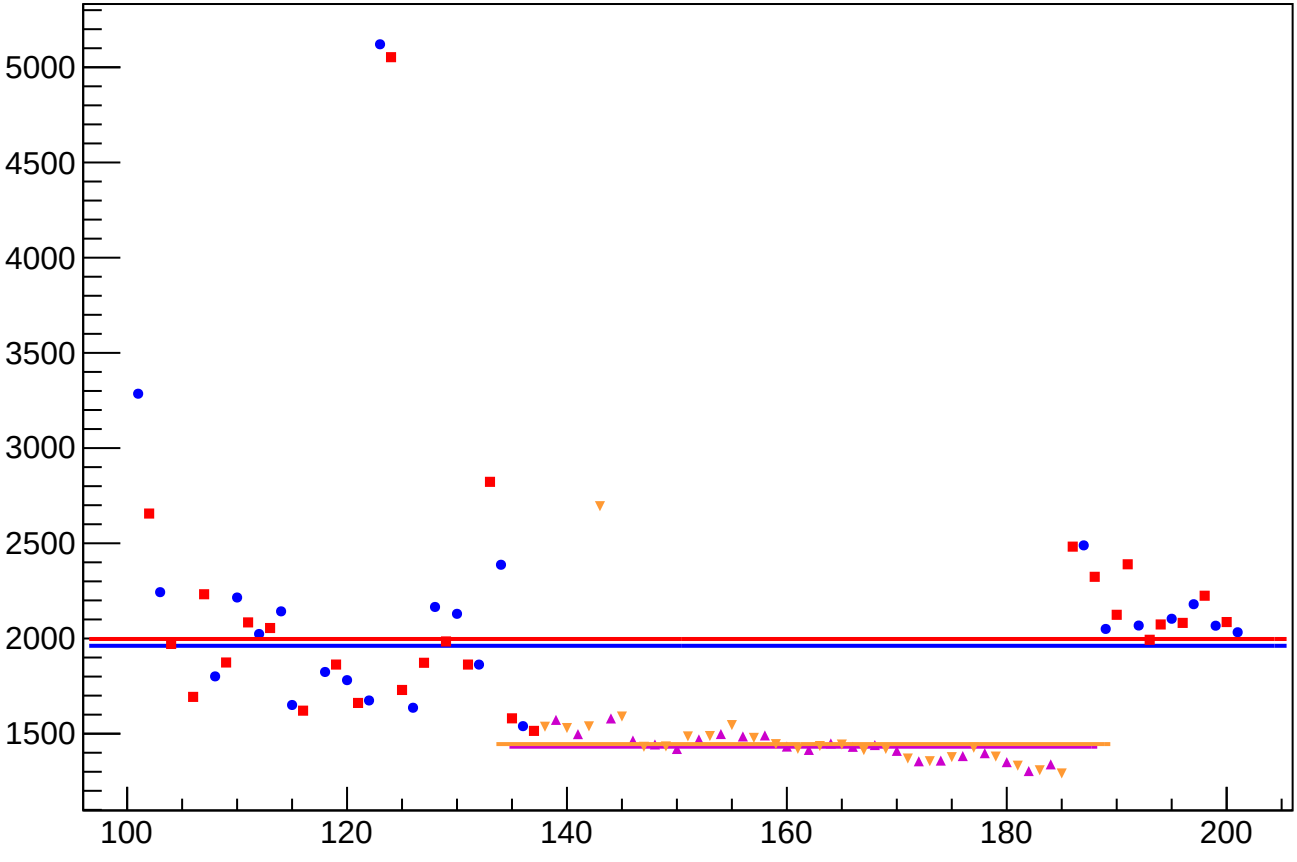
Right: -451.601+/-412.545 χ^2/NDF: 47.4/50

In: -237.096+/-297.251 χ^2/NDF:45.5/46

Out: -824.891+/-291.636 χ^2/NDF:50.4/51

All: -536.597+/-208.175 χ^2/NDF: 97.9/98

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1961.596+/-0.424 χ^2/NDF: 532399.1/23

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

Right Out: 1997.439+/-0.402 χ^2/NDF: 562494.9/26

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

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

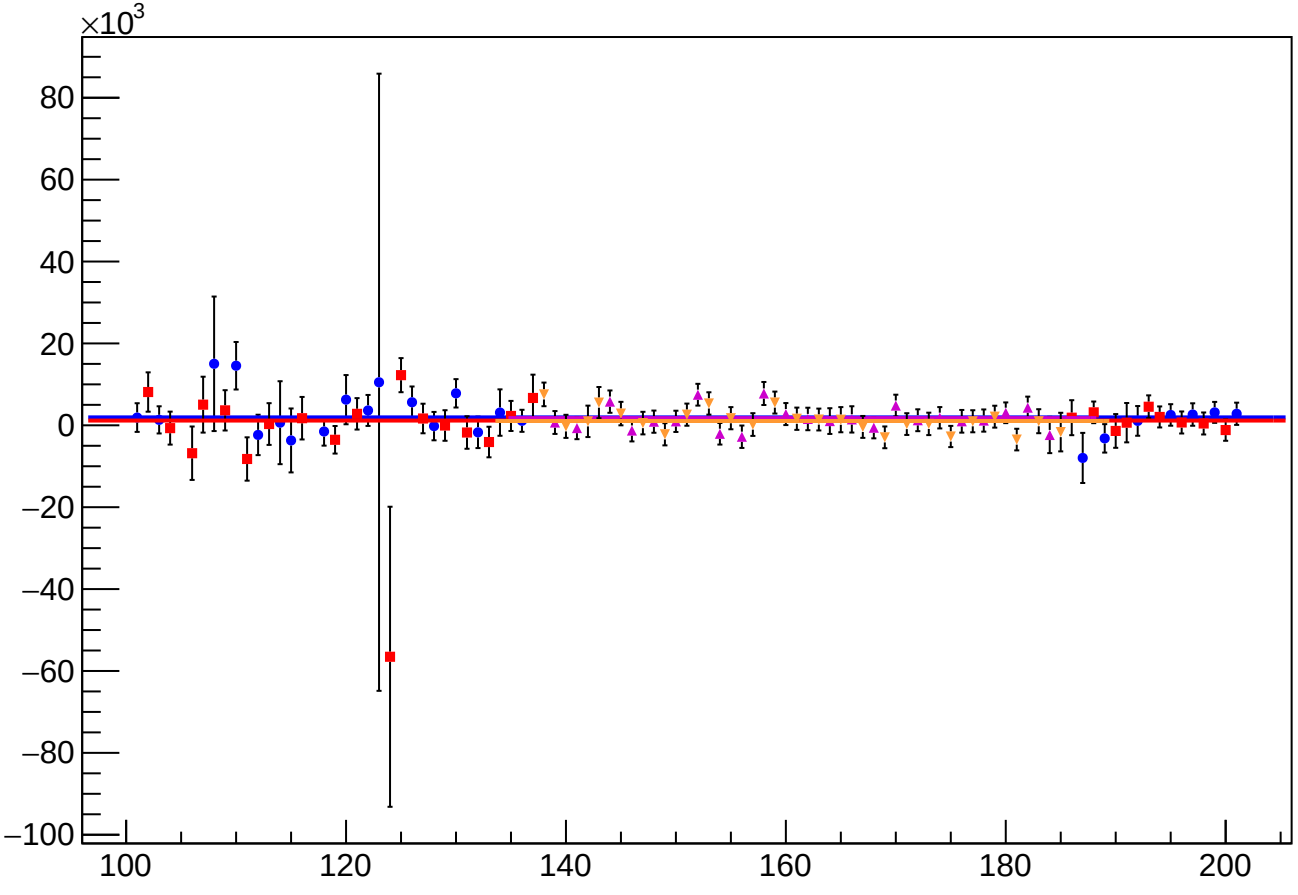
Right: 1980.474+/-0.292 χ^2/NDF: 1098657.5/50

In: 1561.881+/-0.210 χ^2/NDF:1788360.5/46

Out: 1590.715+/-0.206 χ^2/NDF:2327007.6/51

All: 1576.573+/-0.147 χ^2/NDF: 4124956.5/98

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1936.188+/-772.052 χ^2/NDF: 18.9/23

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

Right Out: 1161.162+/-723.667 χ^2/NDF: 26.4/26

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

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

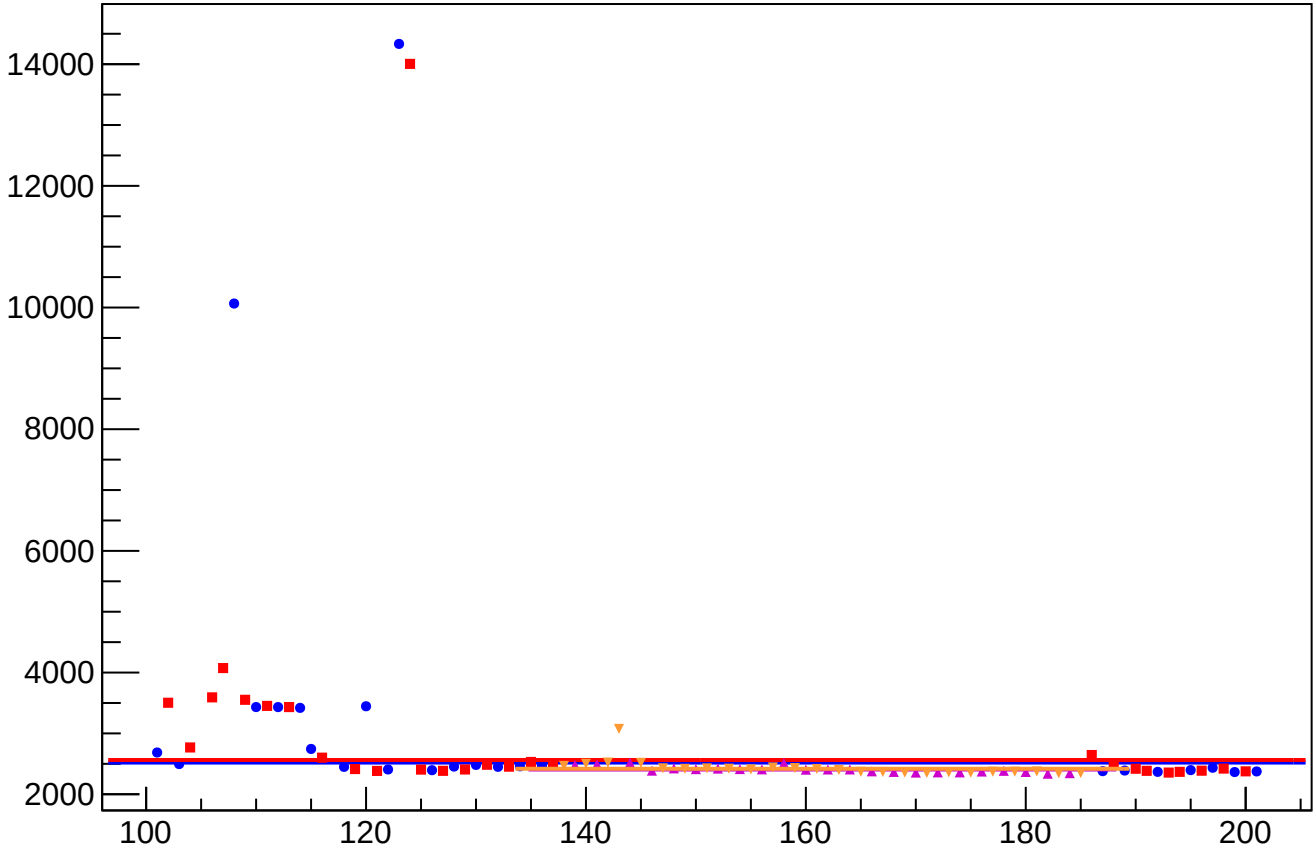
Right: 1523.630+/-527.987 χ^2/NDF: 45.9/50

In: 1824.178+/-460.980 χ^2/NDF:42.2/46

Out: 1096.727+/-445.950 χ^2/NDF:49.1/51

All: 1448.401+/-320.516 χ^2/NDF: 92.6/98

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2520.570+/-0.546 χ^2/NDF: 692606.9/23

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

Right Out: 2562.898+/-0.512 χ^2/NDF: 697060.4/26

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

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

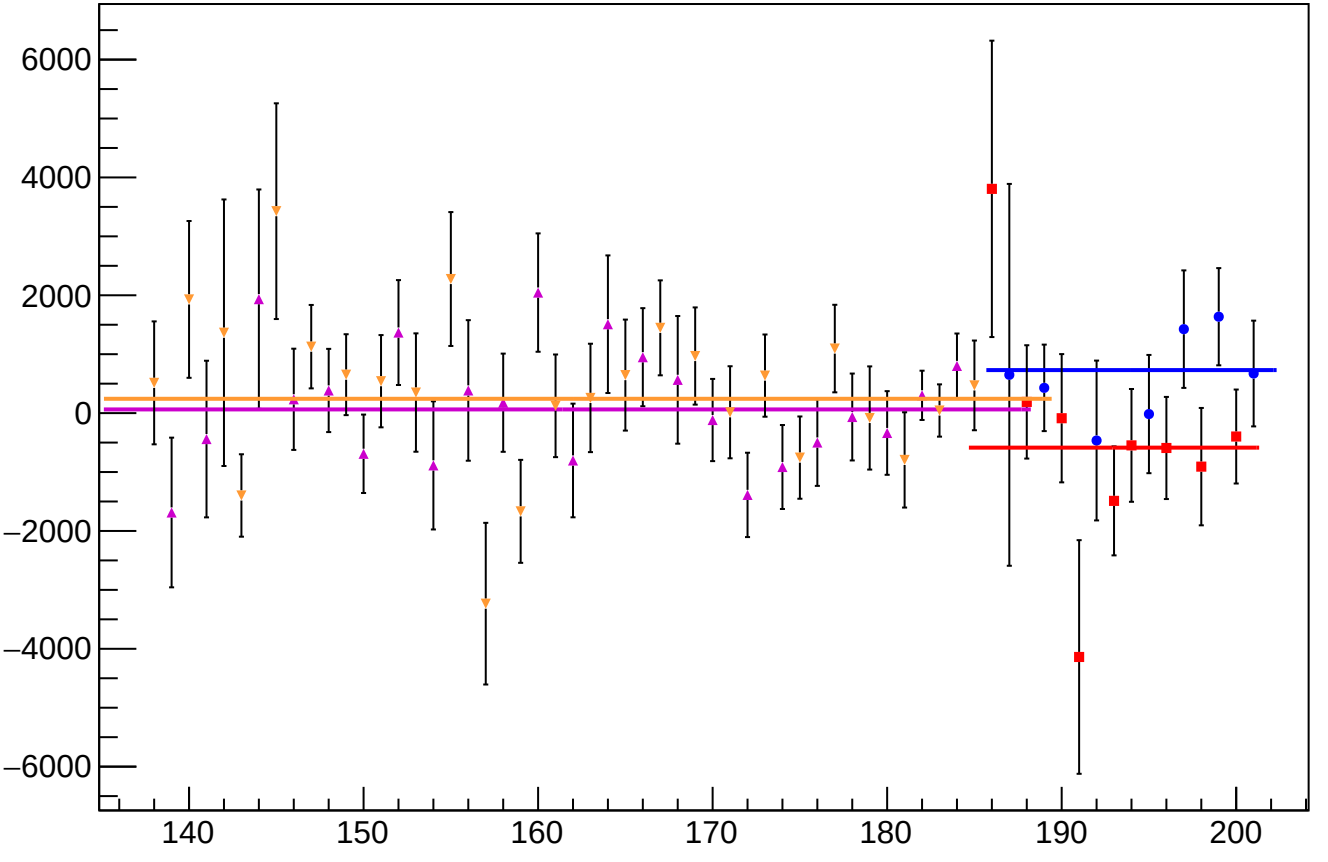
Right: 2543.101+/-0.373 χ^2/NDF: 1392867.4/50

In: 2447.130+/-0.326 χ^2/NDF:735974.4/46

Out: 2473.628+/-0.315 χ^2/NDF:820907.8/51

All: 2460.818+/-0.227 χ^2/NDF: 1560295.6/98

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 730.189+/-372.554 χ^2/NDF: 3.2/6

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

Right Out: -585.847+/-342.805 χ^2/NDF: 8.2/8

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

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

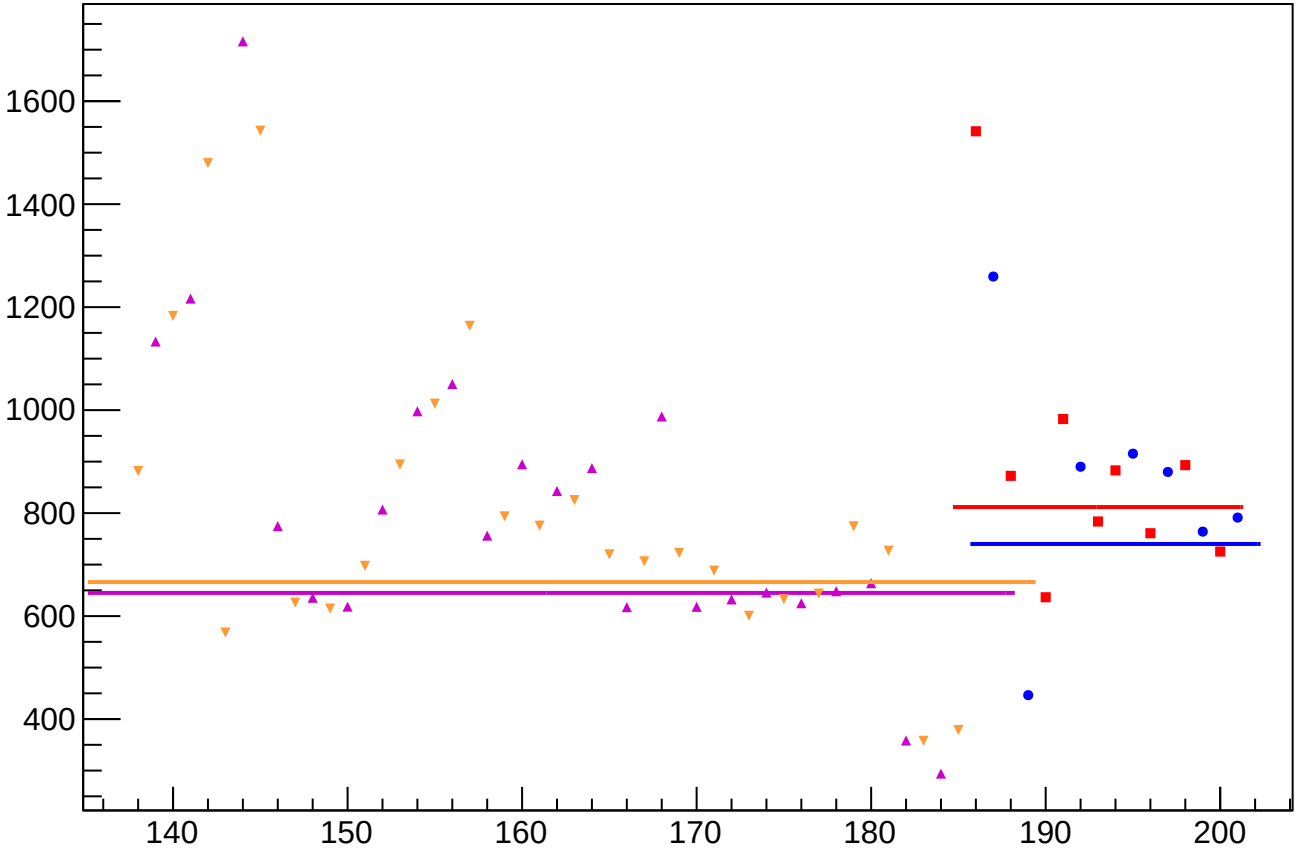
Right: 17.538+/-252.262 χ^2/NDF: 18.2/15

In: 171.128+/-150.230 χ^2/NDF:30.2/29

Out: 88.832+/-147.898 χ^2/NDF:49.0/33

All: 129.336+/-105.394 χ^2/NDF: 79.3/63

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 740.060+/-0.263 χ^2/NDF: 504434.1/6

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

Right Out: 811.759+/-0.242 χ^2/NDF: 299591.7/8

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

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

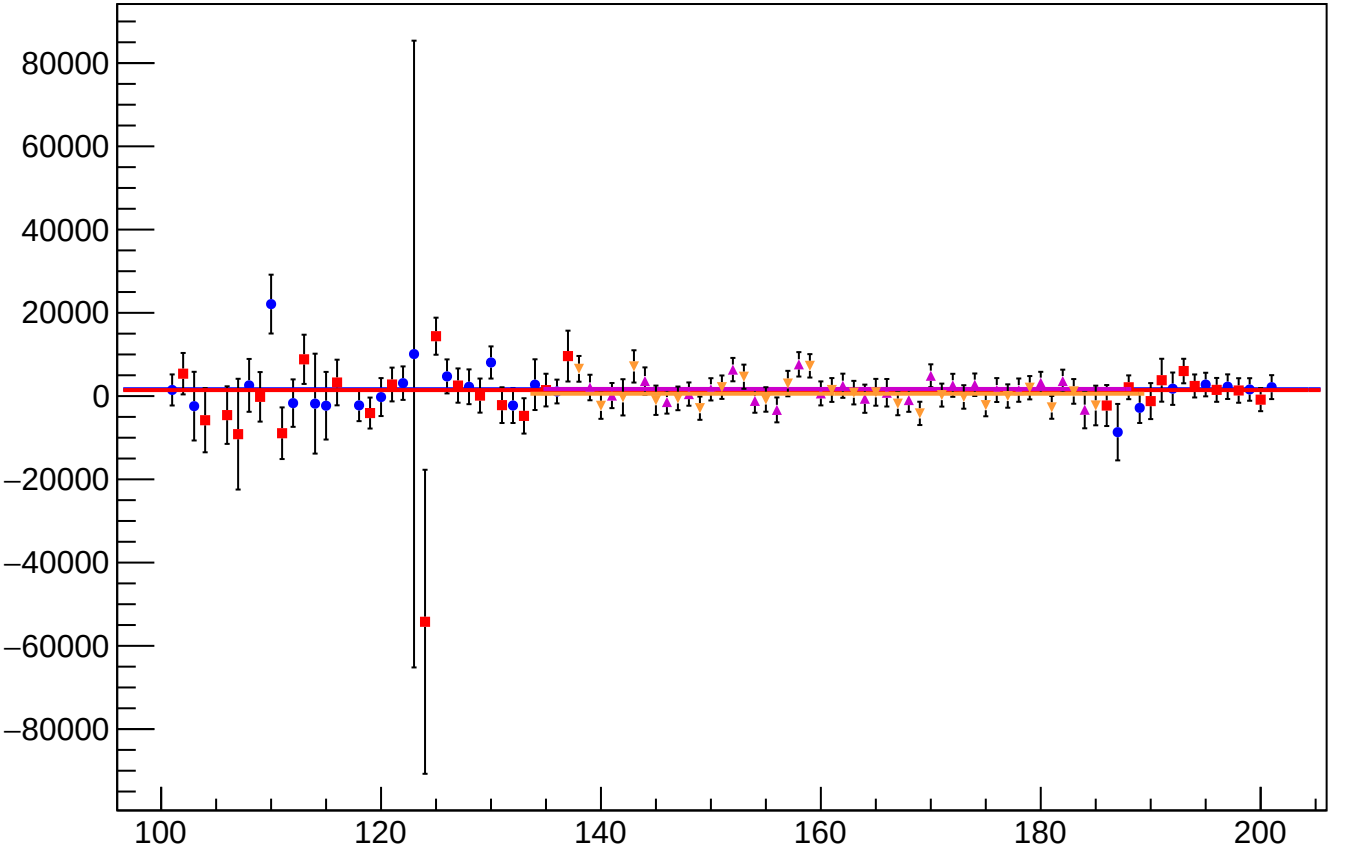
Right: 778.886+/-0.178 χ^2/NDF: 844139.6/15

In: 660.467+/-0.106 χ^2/NDF:4789740.9/29

Out: 693.239+/-0.105 χ^2/NDF:3783908.8/33

All: 677.109+/-0.075 χ^2/NDF: 8621982.7/63

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1648.978+/-840.962 χ^2/NDF: 19.0/23

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

Right Out: 1439.903+/-797.595 χ^2/NDF: 29.8/26

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

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

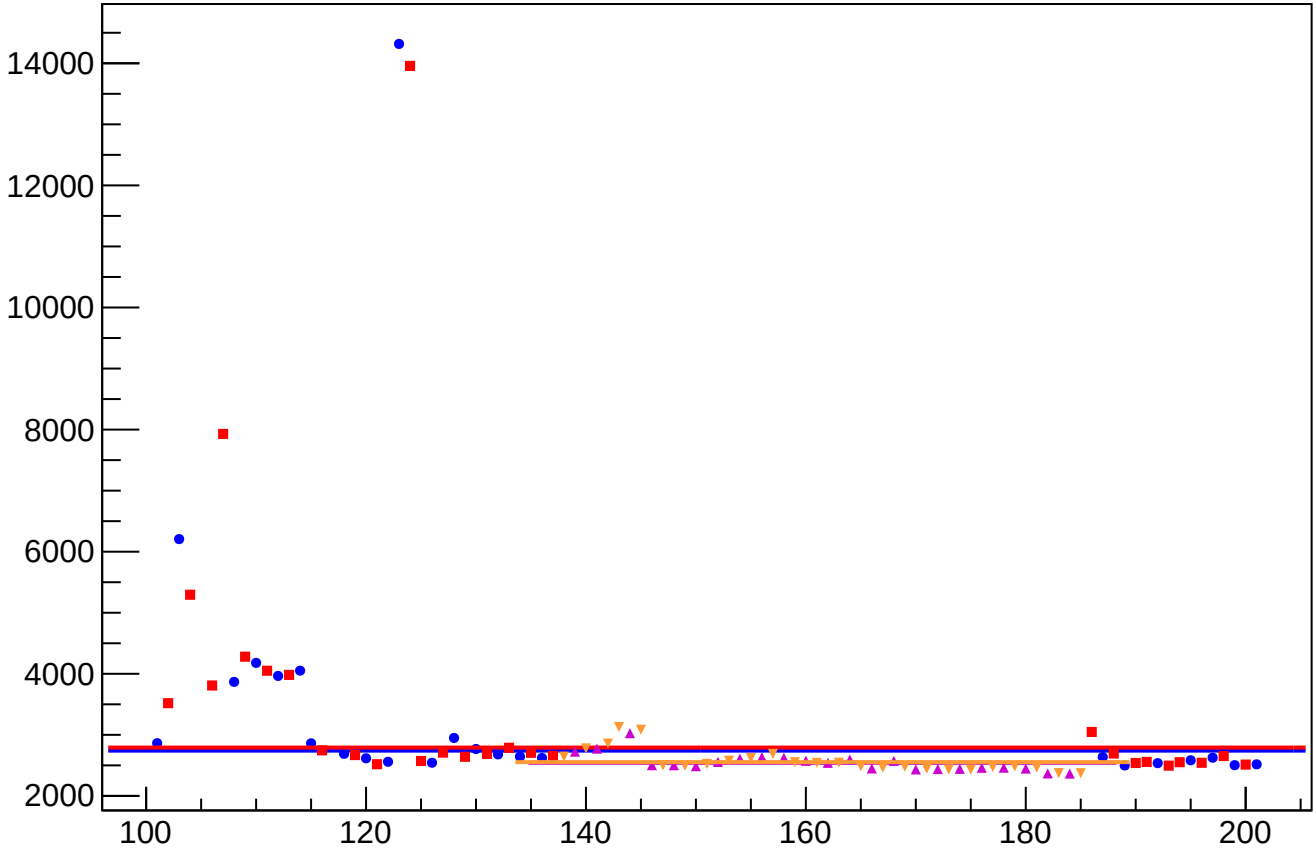
Right: 1538.911+/-578.709 χ^2/NDF: 48.8/50

In: 1691.242+/-492.596 χ^2/NDF:37.1/46

Out: 881.178+/-478.614 χ^2/NDF:55.7/51

All: 1274.551+/-343.268 χ^2/NDF: 94.2/98

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.550+/-0.595 χ^2/NDF: 736537.1/23

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

Right Out: 2791.722+/-0.564 χ^2/NDF: 1187227.9/26

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

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

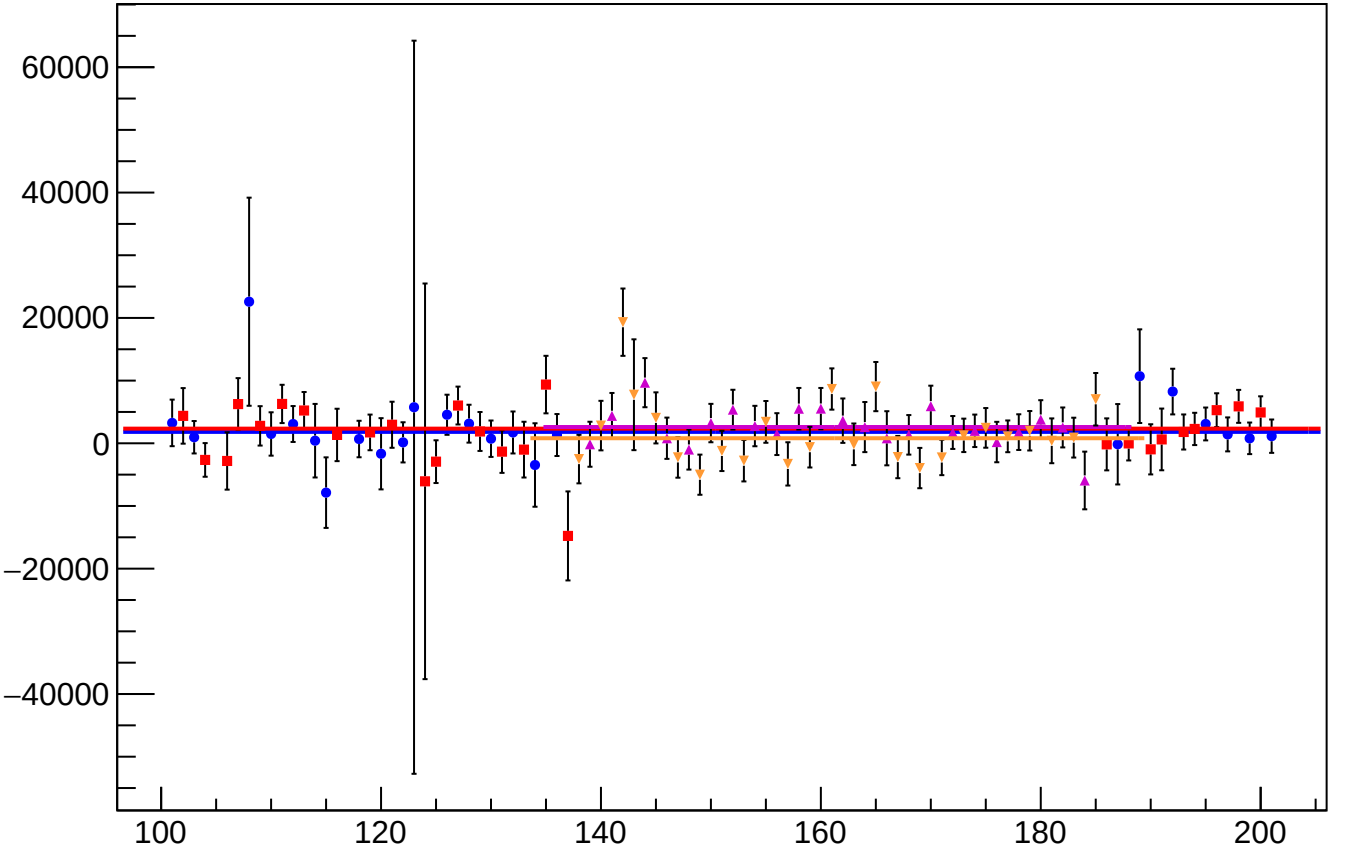
Right: 2767.963+/-0.409 χ^2/NDF: 1927512.6/50

In: 2610.434+/-0.348 χ^2/NDF:907786.2/46

Out: 2639.022+/-0.338 χ^2/NDF:1450214.8/51

All: 2625.140+/-0.243 χ^2/NDF: 2361466.2/98

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1820.508+/-713.637 χ^2/NDF: 12.7/23

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

Right Out: 2336.556+/-647.055 χ^2/NDF: 28.5/26

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

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

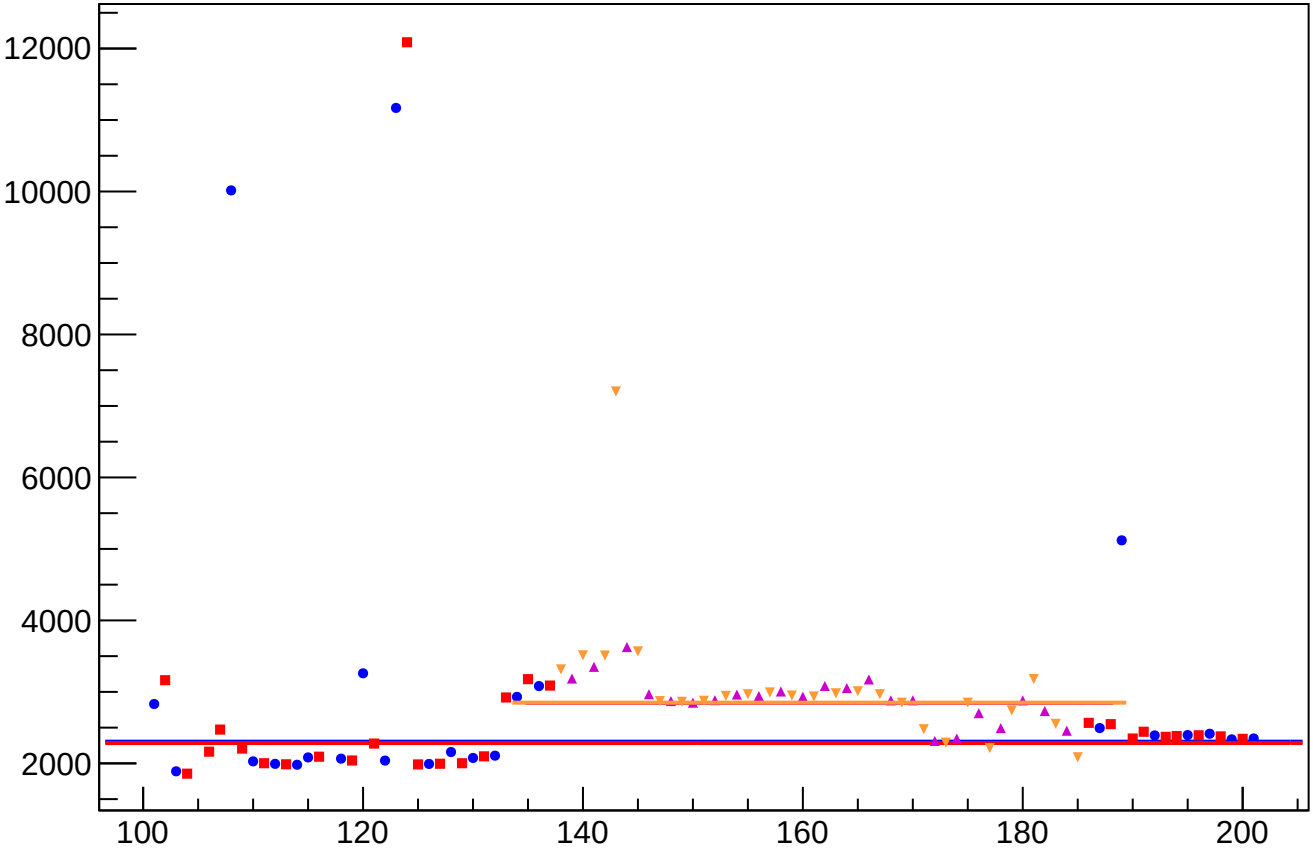
Right: 2103.723+/-479.352 χ^2/NDF: 41.4/50

In: 2224.556+/-493.740 χ^2/NDF:27.3/46

Out: 1607.073+/-467.934 χ^2/NDF:70.3/51

All: 1899.257+/-339.636 χ^2/NDF: 98.4/98

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2303.543+/-0.505 χ^2/NDF: 1160523.5/23

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

Right Out: 2284.232+/-0.457 χ^2/NDF: 627007.3/26

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

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

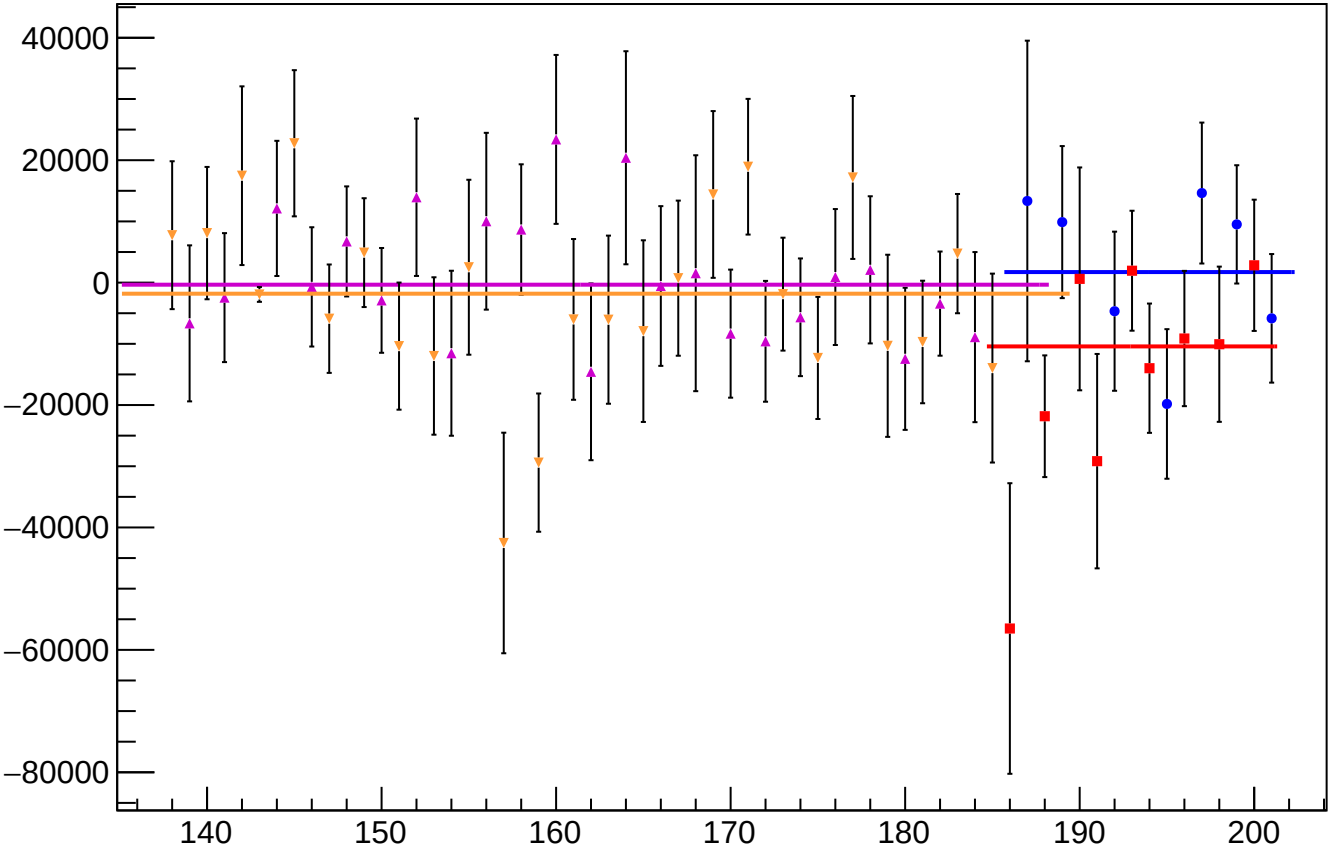
Right: 2292.941+/-0.339 χ^2/NDF: 1788334.9/50

In: 2585.702+/-0.349 χ^2/NDF:2144029.9/46

Out: 2553.640+/-0.331 χ^2/NDF:2389248.0/51

All: 2568.808+/-0.240 χ^2/NDF: 4537721.9/98

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 1724.331+/-4570.249 χ^2/NDF: 6.4/6

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

Right Out: -10422.838+/-4060.339 χ^2/NDF: 9.8/8

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

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

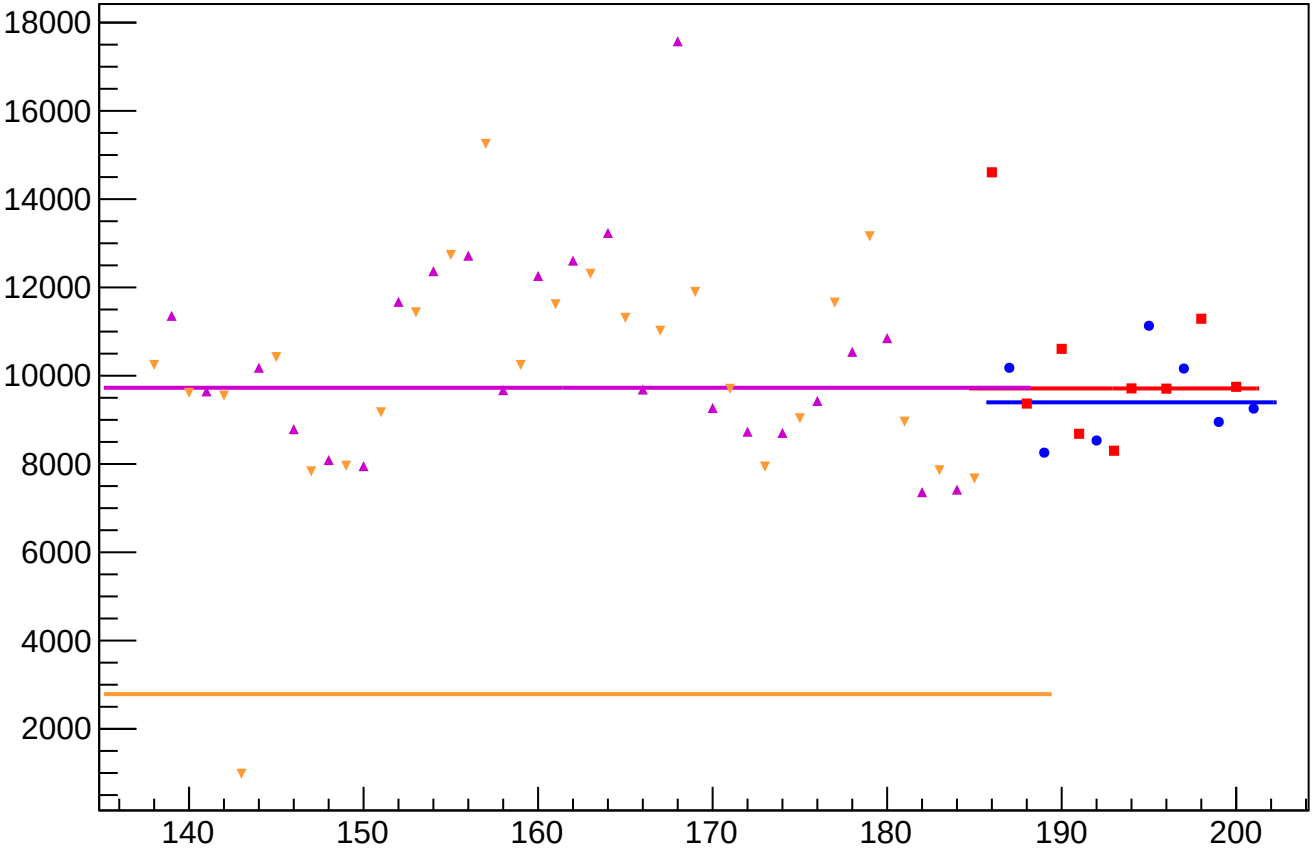
Right: -5064.433+/-3035.429 χ^2/NDF: 20.2/15

In: 96.901+/-2101.123 χ^2/NDF:20.8/29

Out: -2377.848+/-1042.061 χ^2/NDF:45.3/33

All: -1889.301+/-933.553 χ^2/NDF: 67.1/63

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 9397.010+/-3.232 χ^2/NDF: 81197.8/6

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

Right Out: 9711.762+/-2.871 χ^2/NDF: 171715.4/8

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

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

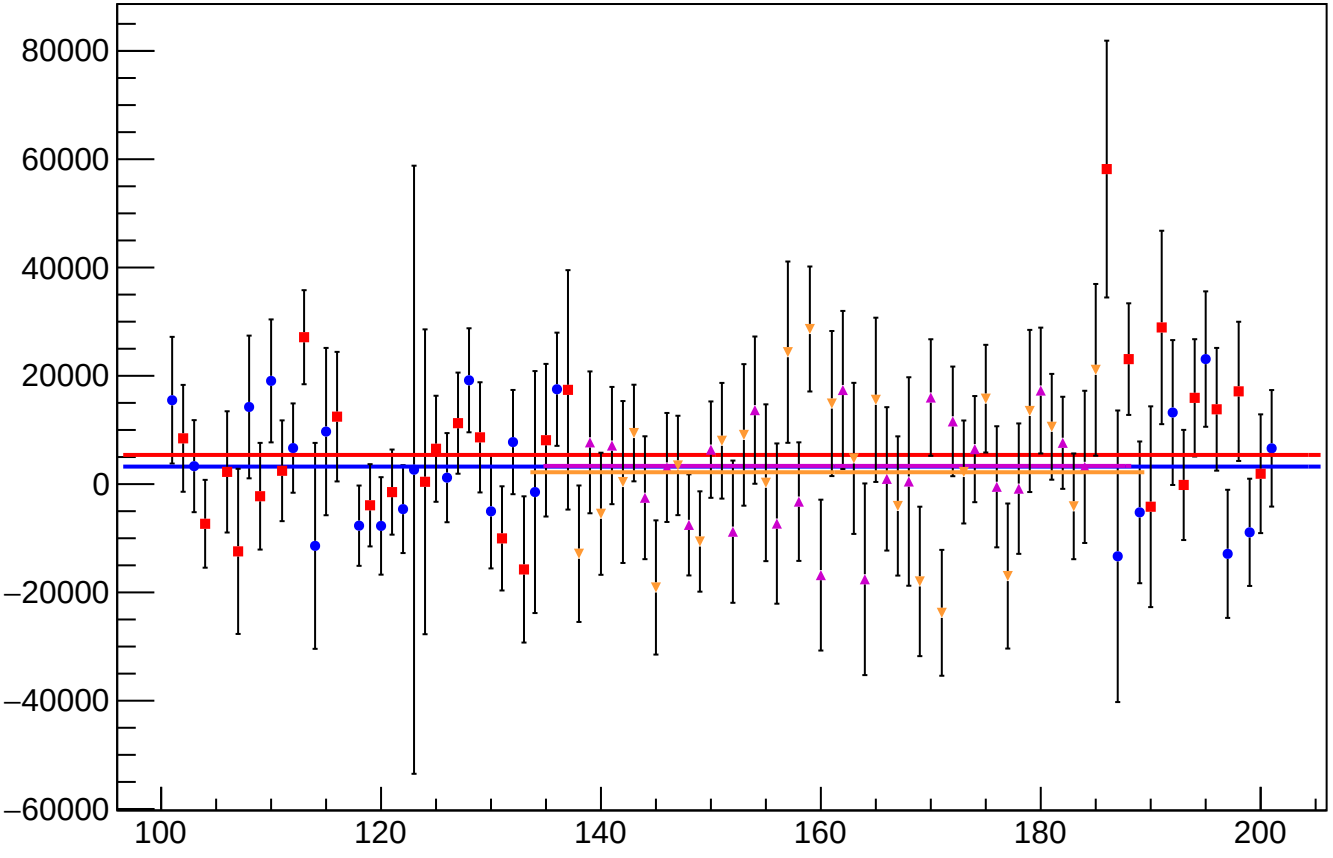
Right: 9572.917+/-2.146 χ^2/NDF: 258214.9/15

In: 9657.454+/-1.486 χ^2/NDF:1350840.3/29

Out: 3242.603+/-0.737 χ^2/NDF:28469664.8/33

All: 4508.976+/-0.660 χ^2/NDF: 44782601.3/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3235.244+/-2213.706 χ^2/NDF: 22.2/23

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

Right Out: 5389.150+/-2098.263 χ^2/NDF: 32.1/26

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

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

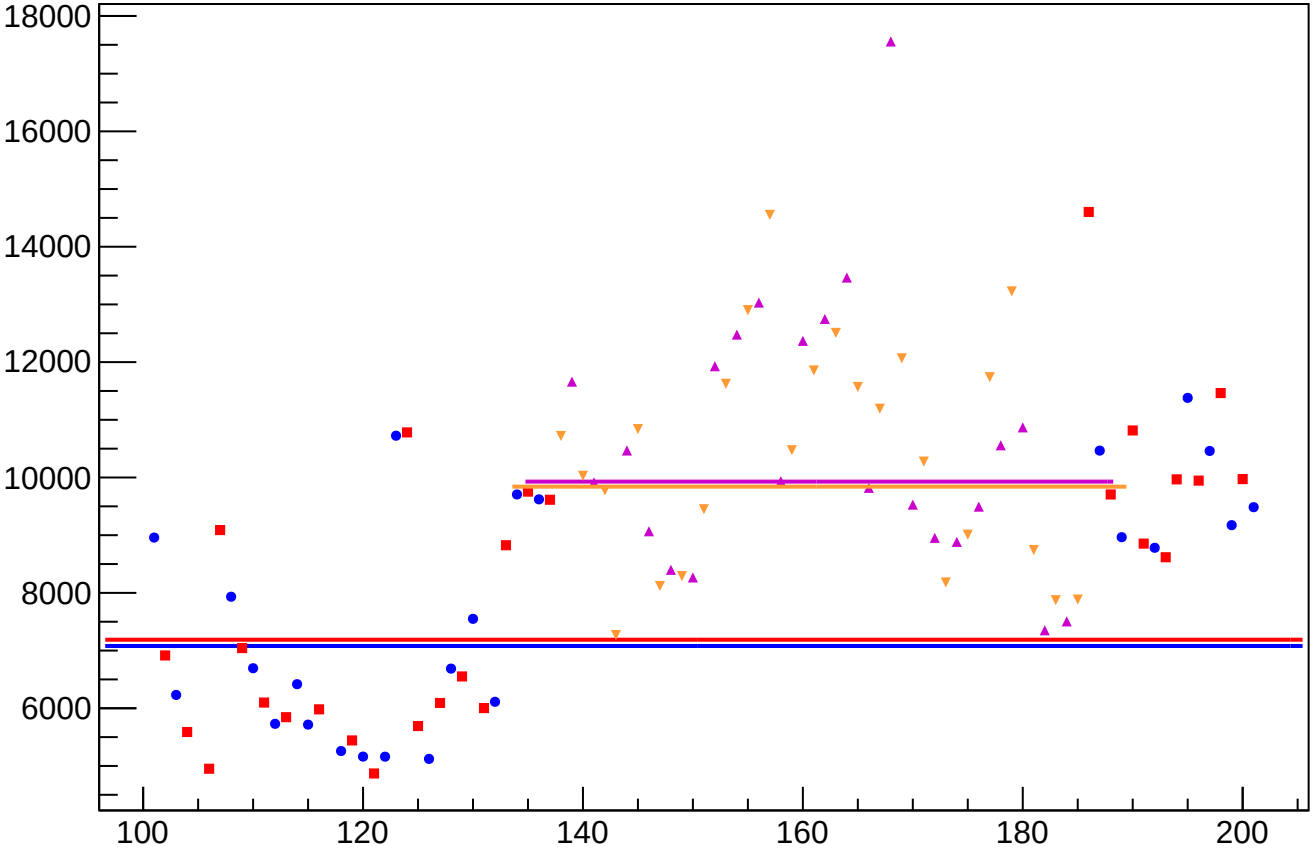
Right: 4369.822+/-1522.873 χ^2/NDF: 54.8/50

In: 3293.374+/-1631.500 χ^2/NDF:35.0/46

Out: 3968.929+/-1564.153 χ^2/NDF:64.3/51

All: 3645.382+/-1129.081 χ^2/NDF: 99.4/98

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7079.245+/-1.565 χ^2/NDF: 1466613.3/23

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

Right Out: 7188.360+/-1.484 χ^2/NDF: 1879509.5/26

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

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

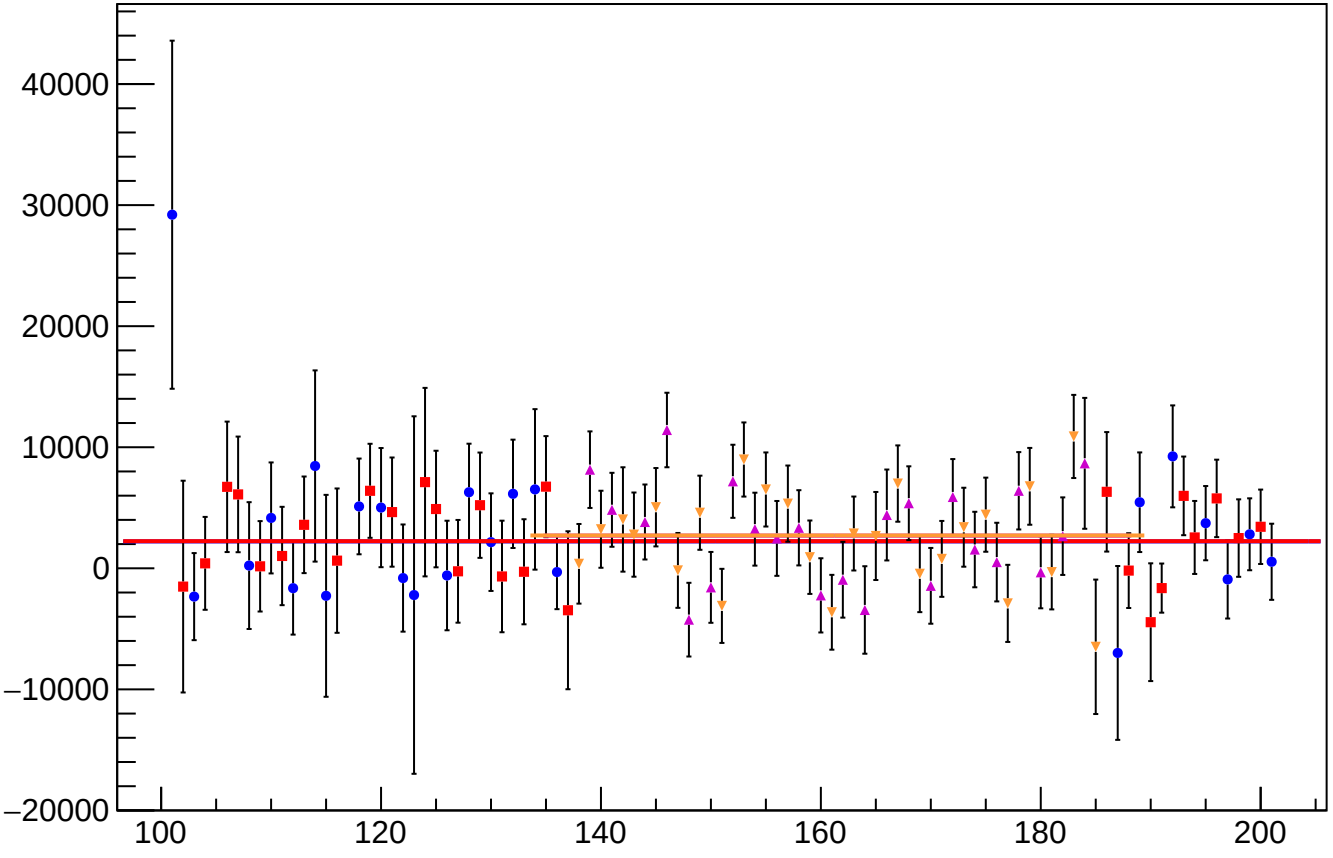
Right: 7136.723+/-1.077 χ^2/NDF: 3348682.4/50

In: 8380.945+/-1.154 χ^2/NDF:4201187.8/46

Out: 8366.989+/-1.106 χ^2/NDF:4484751.0/51

All: 8373.673+/-0.798 χ^2/NDF: 8686015.1/98

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2219.653+/-867.533 χ^2/NDF: 18.6/23

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

Right Out: 2241.037+/-748.642 χ^2/NDF: 17.5/26

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

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

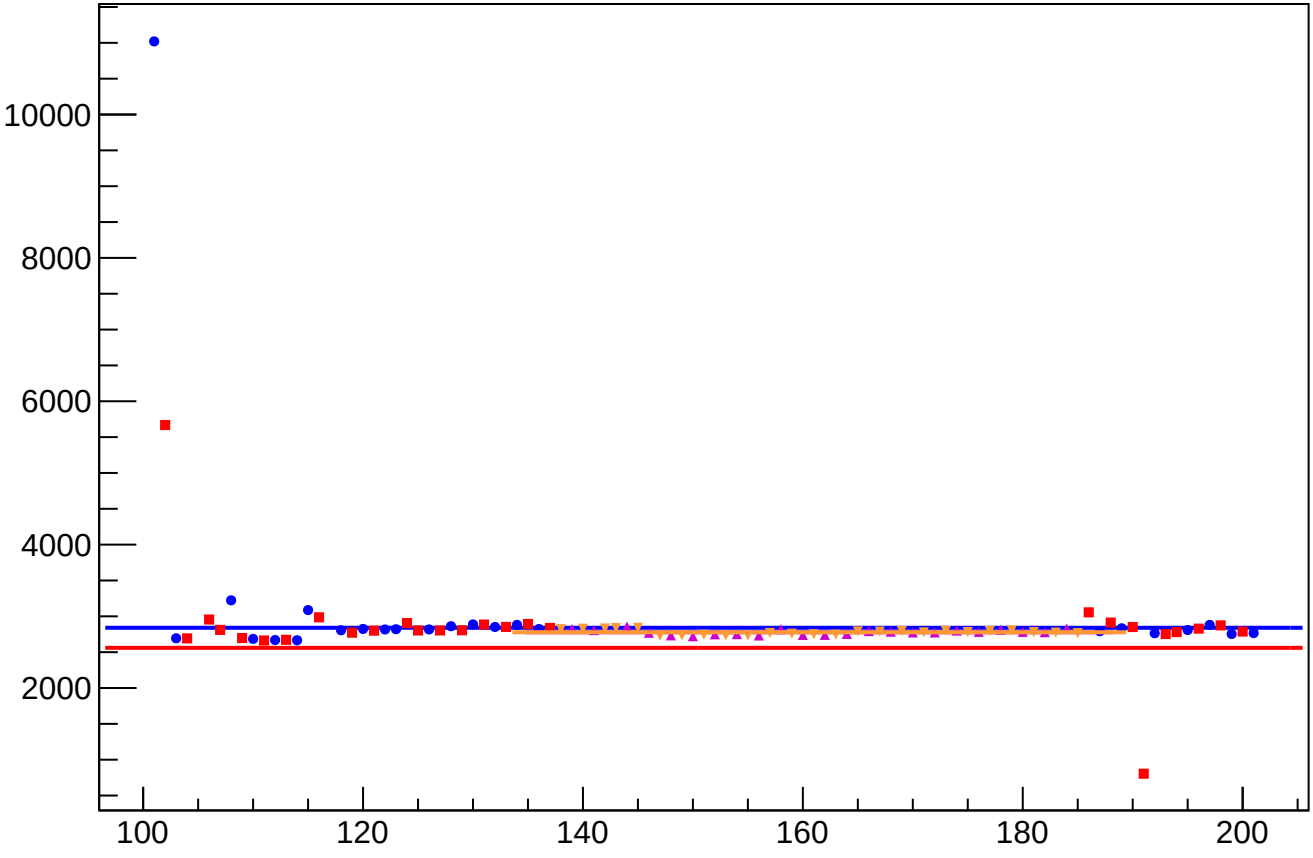
Right: 2231.910+/-566.780 χ^2/NDF: 36.2/50

In: 2521.652+/-526.550 χ^2/NDF:54.9/46

Out: 2510.307+/-490.312 χ^2/NDF:52.5/51

All: 2515.576+/-358.831 χ^2/NDF: 107.3/98

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2840.304+/-0.613 χ^2/NDF: 675271.0/23

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

Right Out: 2560.579+/-0.529 χ^2/NDF: 1968393.6/26

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

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

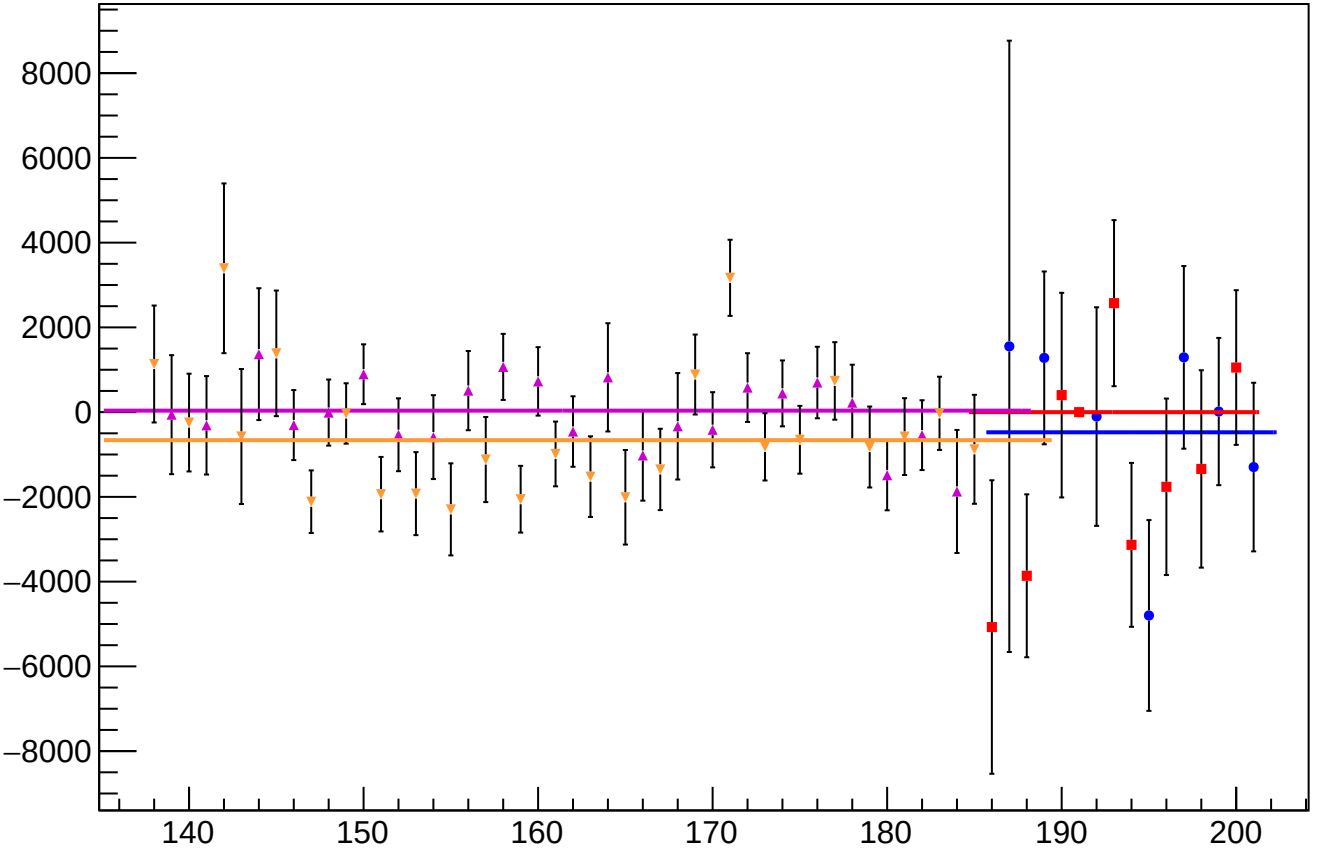
Right: 2679.974+/-0.401 χ^2/NDF: 2762844.3/50

In: 2800.545+/-0.372 χ^2/NDF:687410.6/46

Out: 2684.425+/-0.347 χ^2/NDF:2069491.5/51

All: 2738.352+/-0.254 χ^2/NDF: 2808997.0/98

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -476.033+/-843.260 χ^2/NDF: 5.5/6

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

Right Out: -0.276+/-4.105 χ^2/NDF: 11.9/8

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

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

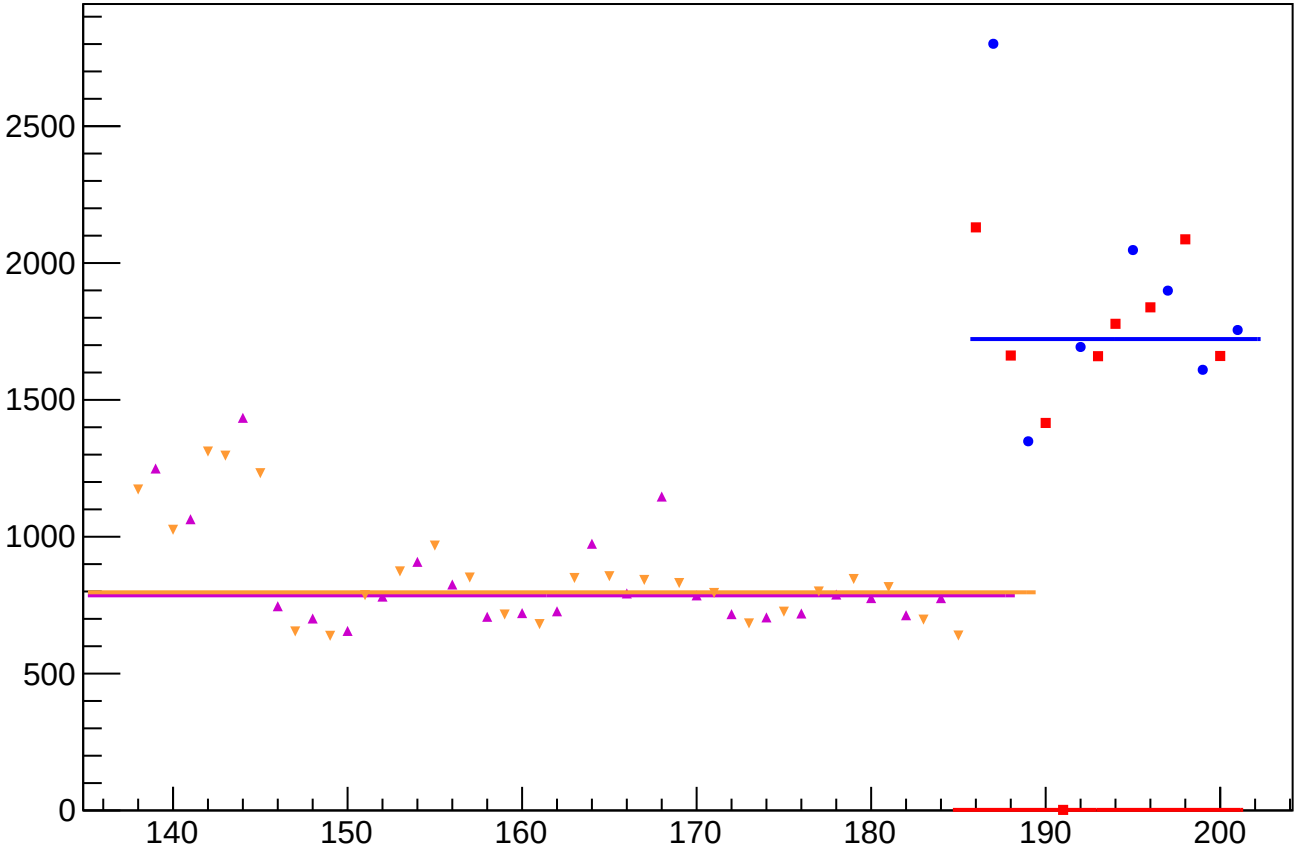
Right: -0.288+/-4.105 χ^2/NDF: 17.7/15

In: 10.521+/-185.867 χ^2/NDF:20.9/29

Out: -0.584+/-4.104 χ^2/NDF:72.7/33

All: -0.579+/-4.103 χ^2/NDF: 93.6/63

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1722.220+/-0.596 χ^2/NDF: 176187.1/6

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

Right Out: 2.089+/-0.003 χ^2/NDF: 10855647.6/8

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

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

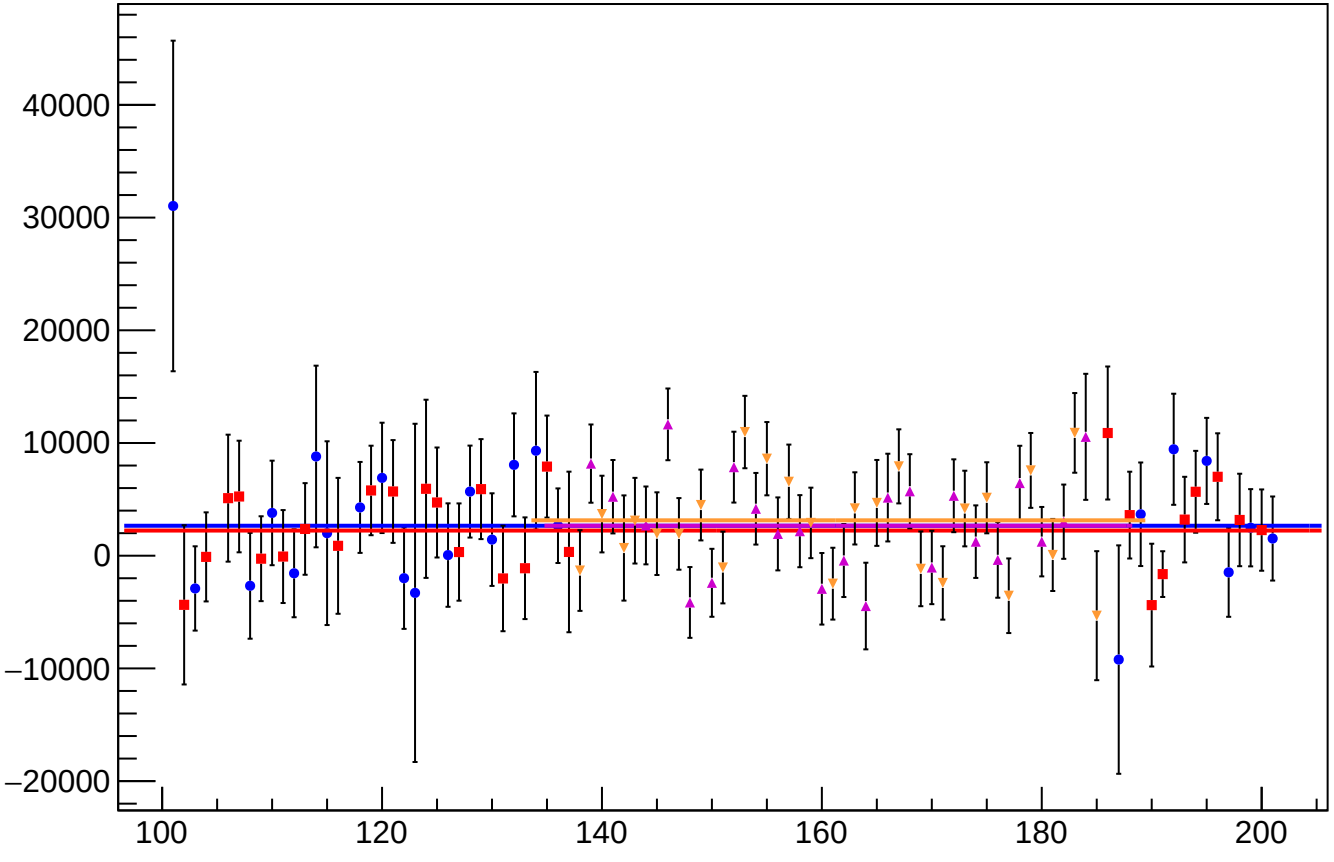
Right: 2.130+/-0.003 χ^2/NDF: 19353681.0/15

In: 831.415+/-0.131 χ^2/NDF:3648068.5/29

Out: 2.459+/-0.003 χ^2/NDF:46939399.4/33

All: 2.863+/-0.003 χ^2/NDF: 90350338.5/63

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2658.038+/-938.385 χ^2/NDF: 21.2/23

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

Right Out: 2232.201+/-807.779 χ^2/NDF: 18.3/26

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

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

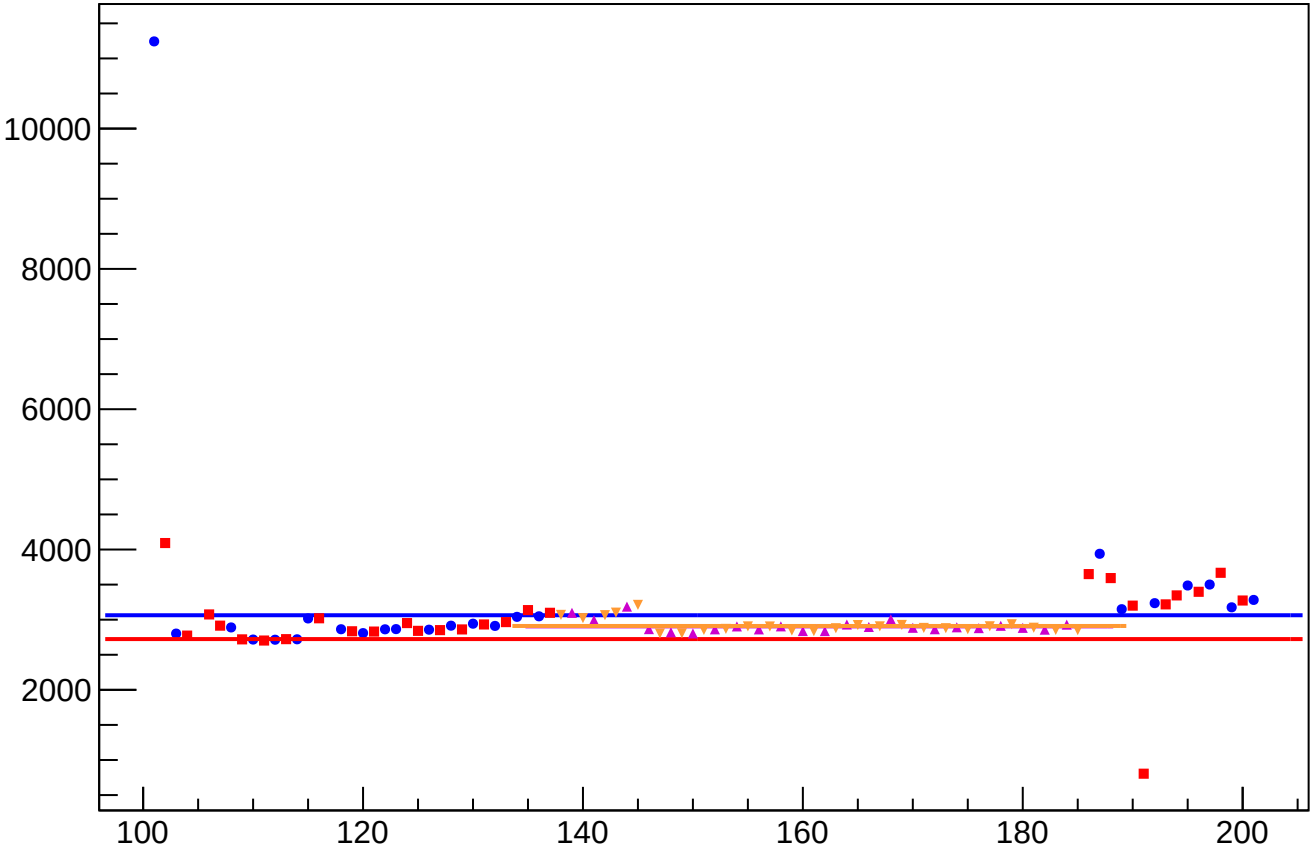
Right: 2413.446+/-612.199 χ^2/NDF: 39.7/50

In: 2659.196+/-557.524 χ^2/NDF:58.2/46

Out: 2762.977+/-520.314 χ^2/NDF:57.3/51

All: 2714.665+/-380.392 χ^2/NDF: 115.5/98

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3063.275+/-0.664 χ^2/NDF: 767049.1/23

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

Right Out: 2723.585+/-0.571 χ^2/NDF: 2393823.6/26

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

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

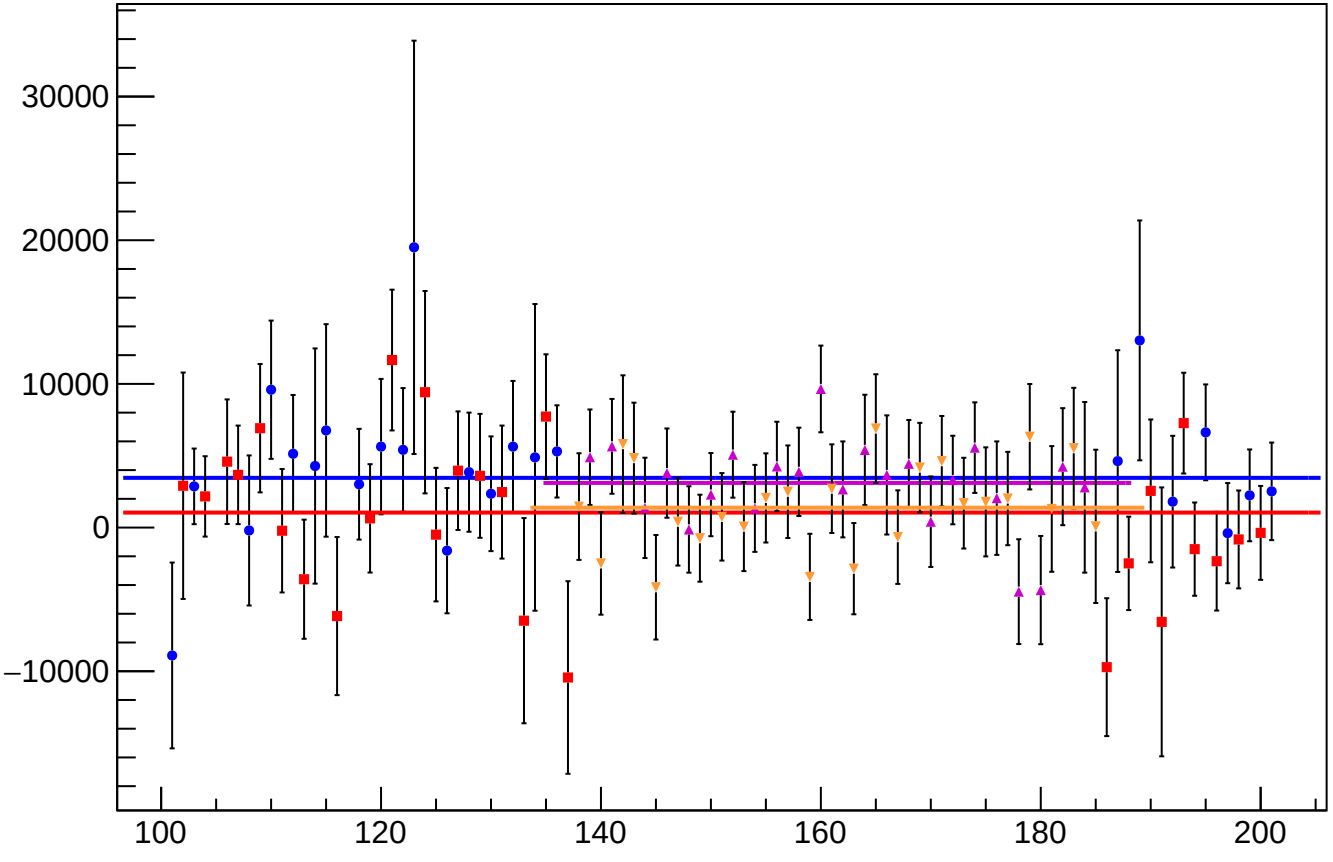
Right: 2868.164+/-0.433 χ^2/NDF: 3311406.3/50

In: 2960.546+/-0.394 χ^2/NDF:834518.8/46

Out: 2832.868+/-0.368 χ^2/NDF:2492467.5/51

All: 2892.304+/-0.269 χ^2/NDF: 3383048.2/98

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3460.601+/-885.574 χ^2/NDF: 13.7/23

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

Right Out: 1043.536+/-805.532 χ^2/NDF: 32.0/26

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

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

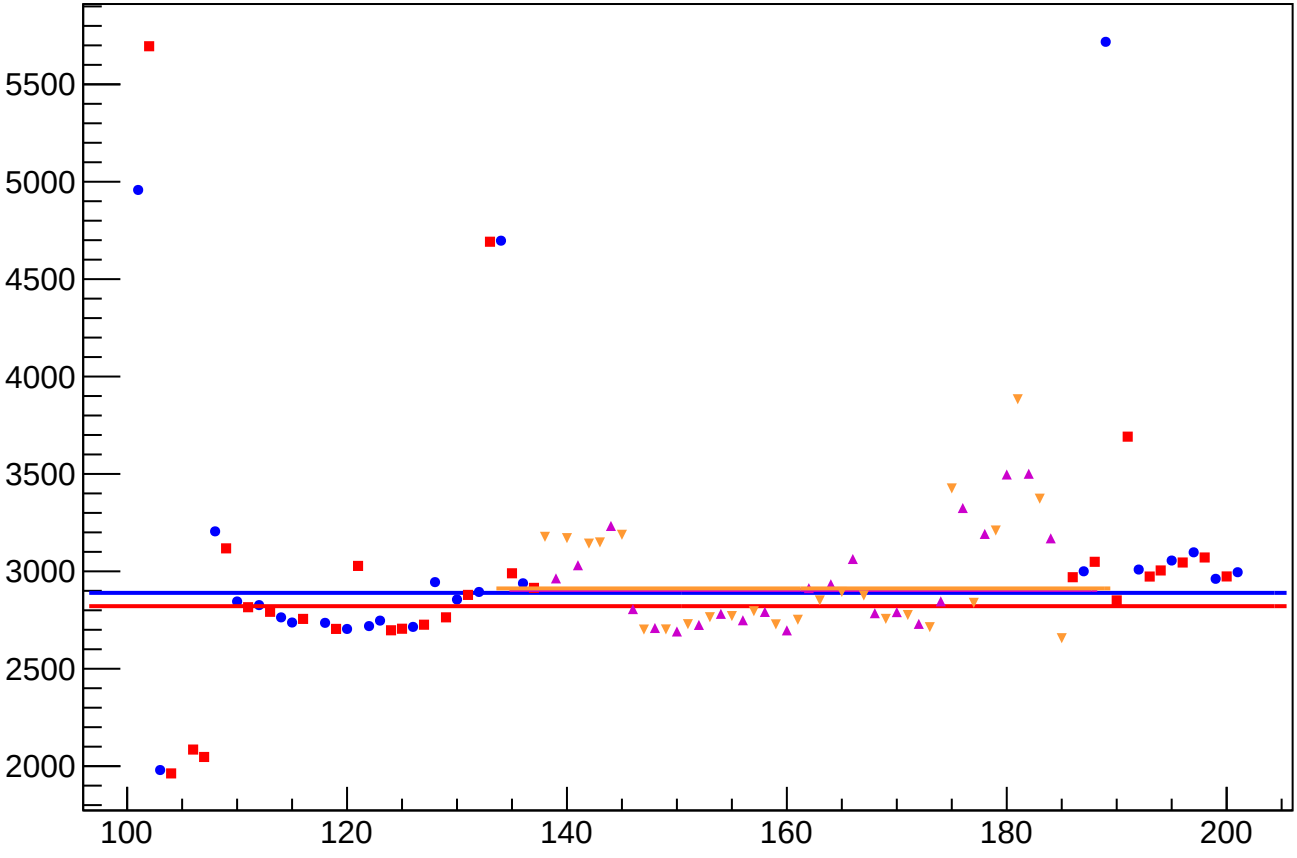
Right: 2137.922+/-595.890 χ^2/NDF: 49.8/50

In: 3241.866+/-547.067 χ^2/NDF:32.2/46

Out: 1242.527+/-521.677 χ^2/NDF:50.1/51

All: 2194.726+/-377.538 χ^2/NDF: 89.3/98

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2889.533+/-0.626 χ^2/NDF: 770291.2/23

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2821.218+/-0.569 χ^2/NDF: 836600.7/26

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

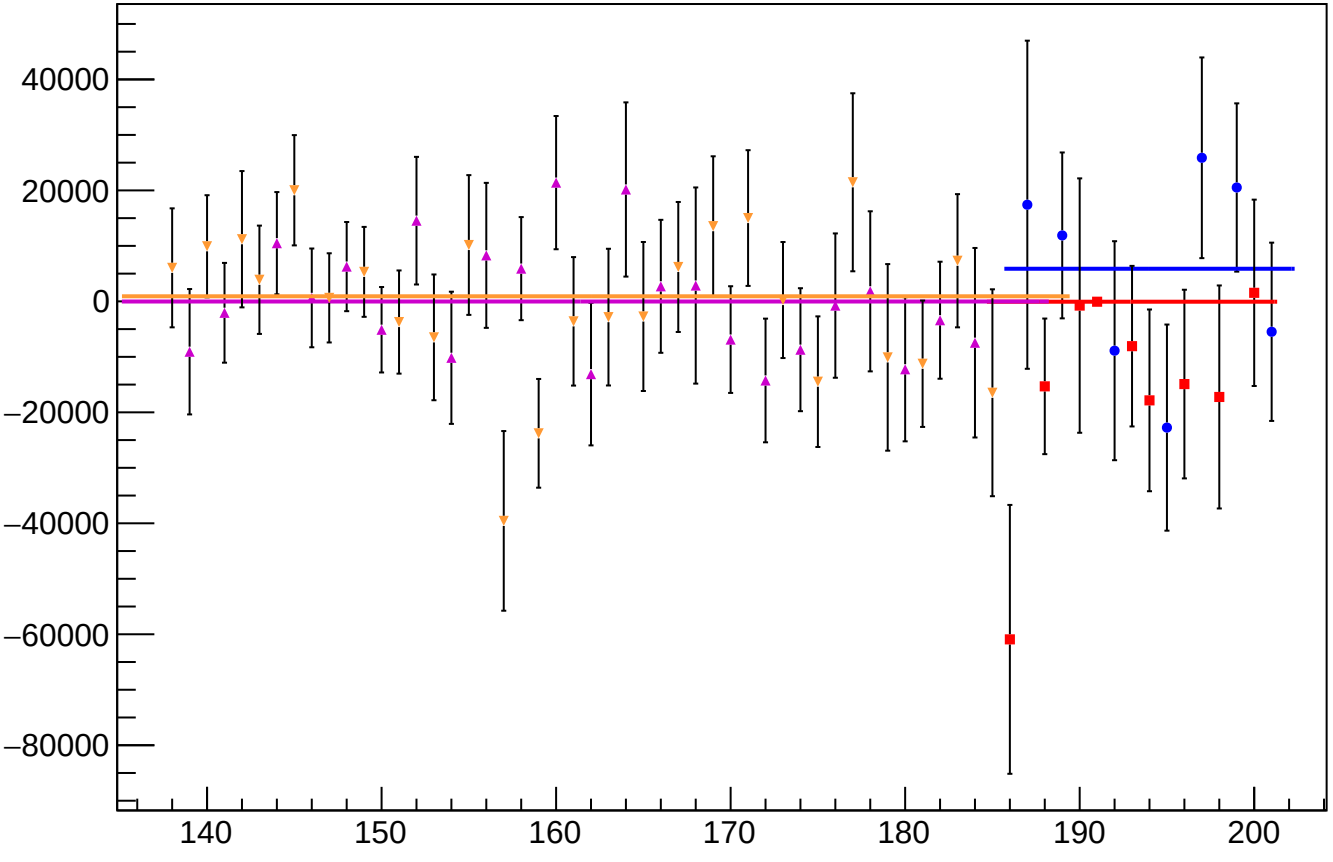
Right: 2852.143+/-0.421 χ^2/NDF: 1613406.0/50

In: 2898.771+/-0.387 χ^2/NDF:988222.0/46

Out: 2874.039+/-0.369 χ^2/NDF:1142329.1/51

All: 2885.817+/-0.267 χ^2/NDF: 2132692.1/98

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 5878.421+/-6686.965 χ^2/NDF: 5.9/6

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -63.014+/-29.129 χ^2/NDF: 10.9/8

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

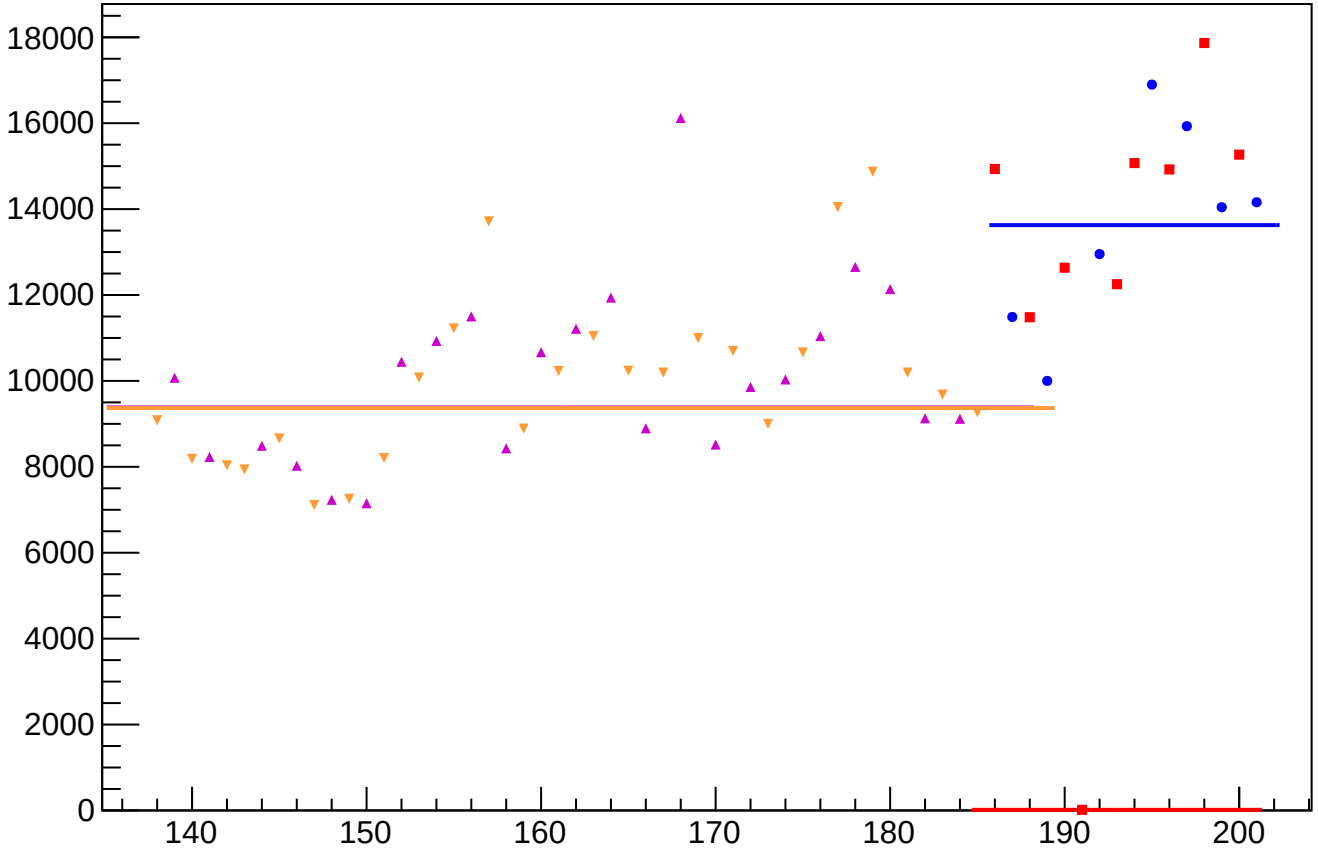
Right: -62.902+/-29.129 χ^2/NDF: 17.5/15

In: 589.379+/-2158.371 χ^2/NDF:22.7/29

Out: -62.849+/-29.126 χ^2/NDF:39.8/33

All: -62.730+/-29.124 χ^2/NDF: 62.6/63

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 13626.843+/-4.728 χ^2/NDF: 228637.9/6

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.770+/-0.021 χ^2/NDF: 11012890.5/8

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

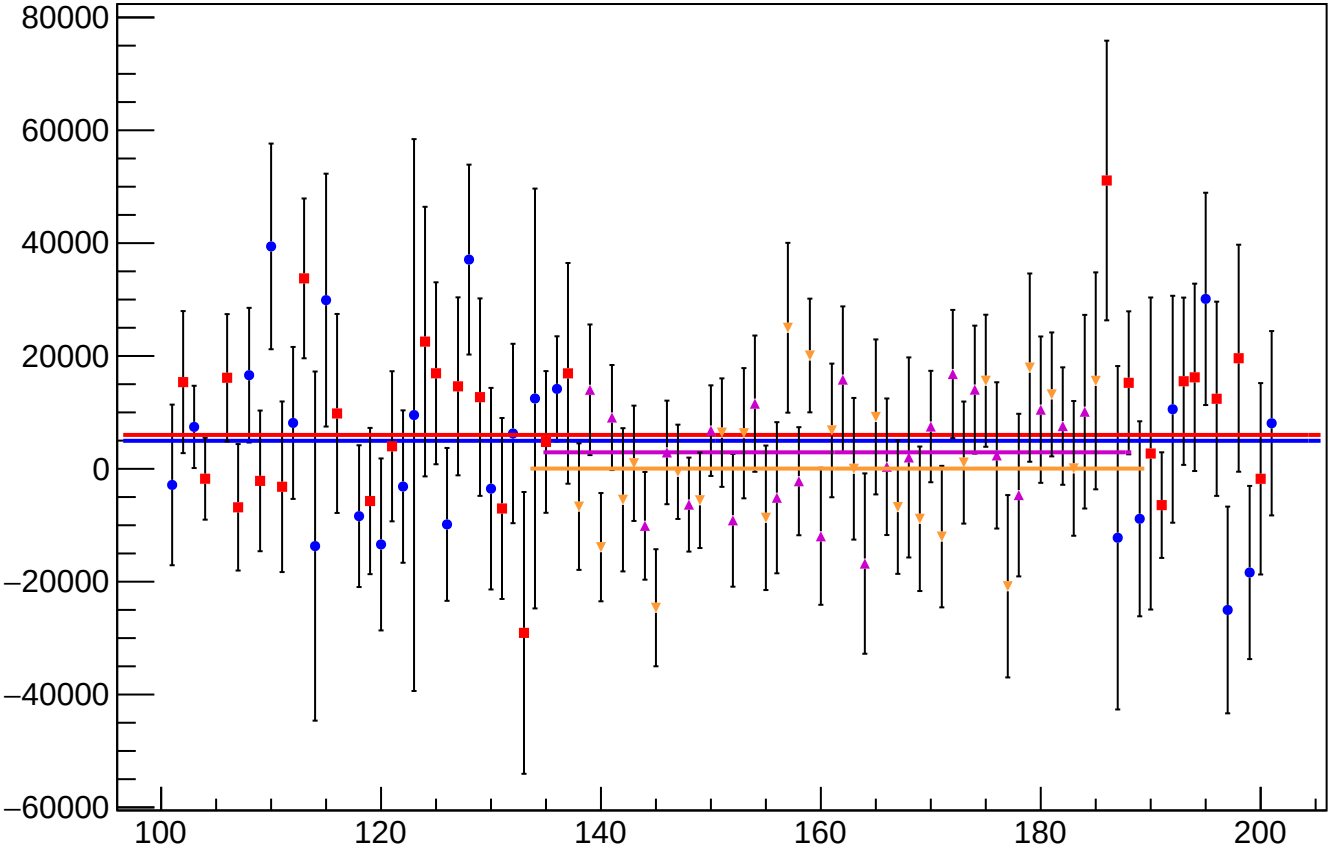
Right: 15.028+/-0.021 χ^2/NDF: 19528811.7/15

In: 9824.889+/-1.526 χ^2/NDF:2156001.9/29

Out: 16.353+/-0.021 χ^2/NDF:47106704.0/33

All: 18.139+/-0.021 χ^2/NDF: 90558621.0/63

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4968.854+/-3044.813 χ^2/NDF: 23.5/23

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 6010.309+/-2699.964 χ^2/NDF: 20.9/26

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

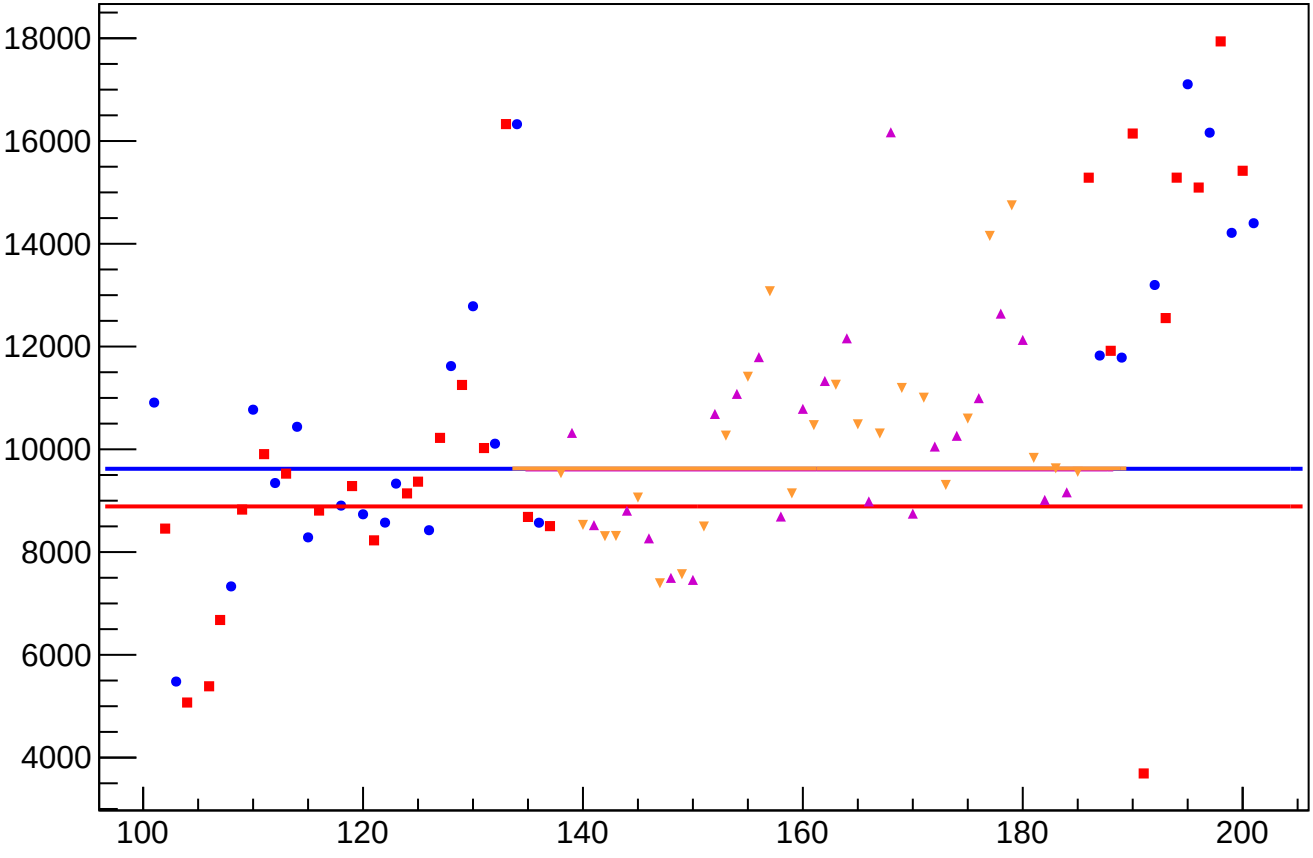
Right: 5551.874+/-2020.130 χ^2/NDF: 44.4/50

In: 3680.408+/-1850.674 χ^2/NDF:38.4/46

Out: 2540.935+/-1746.810 χ^2/NDF:49.6/51

All: 3077.801+/-1270.313 χ^2/NDF: 88.2/98

asym_atr2_rms vs Slug, Sign Corrected



Right In: 9620.984+/-2.153 χ^2/NDF: 2003238.2/23

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8888.267+/-1.909 χ^2/NDF: 3471574.1/26

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

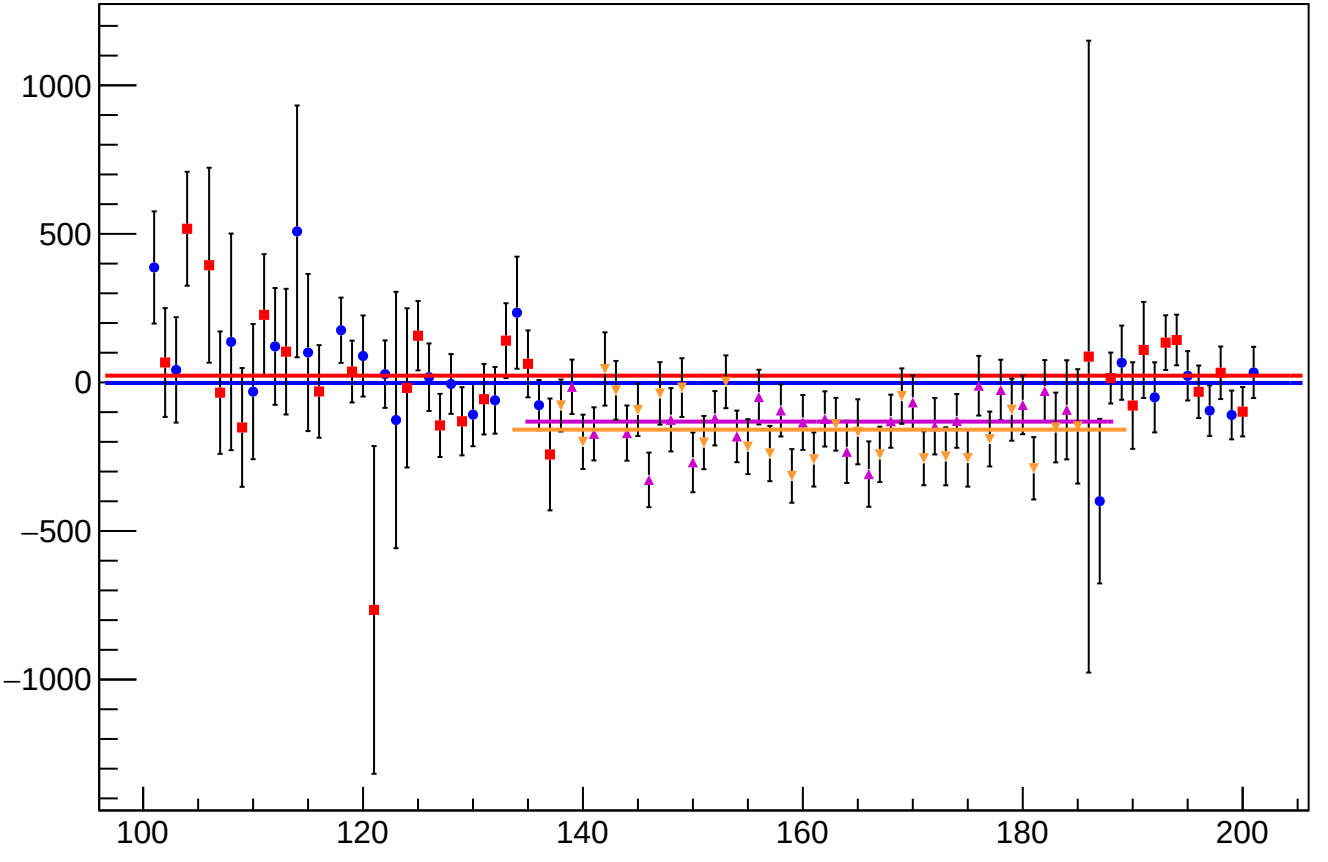
Right: 9210.787+/-1.428 χ^2/NDF: 5539651.5/50

In: 9612.515+/-1.309 χ^2/NDF:3088728.4/46

Out: 9318.250+/-1.235 χ^2/NDF:4563466.2/51

All: 9456.891+/-0.898 χ^2/NDF: 7678936.1/98

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: -1.807+/-25.170 χ^2/NDF: 19.0/23

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 22.738+/-24.468 χ^2/NDF: 28.0/26

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

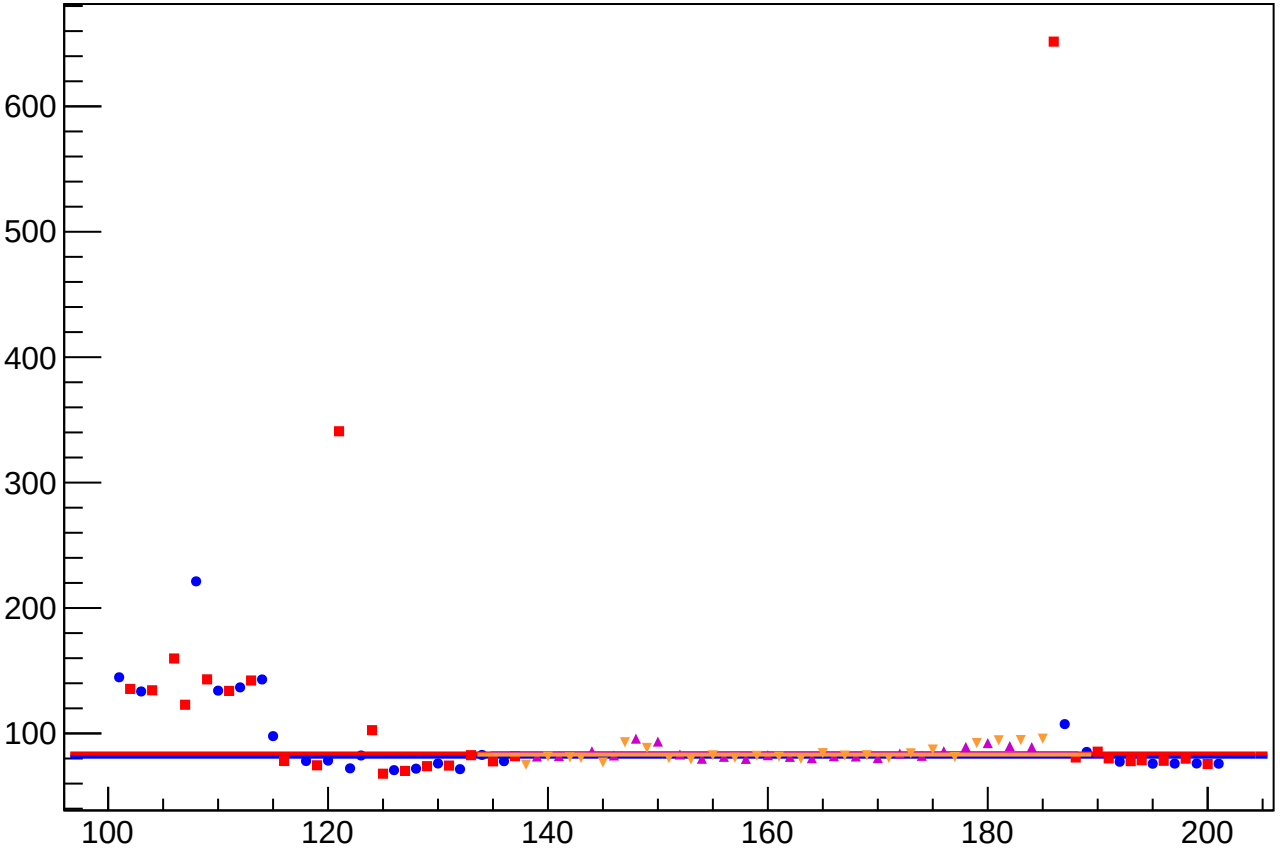
Right: 10.813+/-17.545 χ^2/NDF: 47.5/50

In: -81.305+/-15.695 χ^2/NDF:53.1/46

Out: -88.583+/-15.227 χ^2/NDF:87.5/51

All: -85.054+/-10.929 χ^2/NDF: 140.7/98

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.456+/-0.018 χ^2/NDF: 1139332.4/23

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 84.019+/-0.017 χ^2/NDF: 2114614.9/26

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

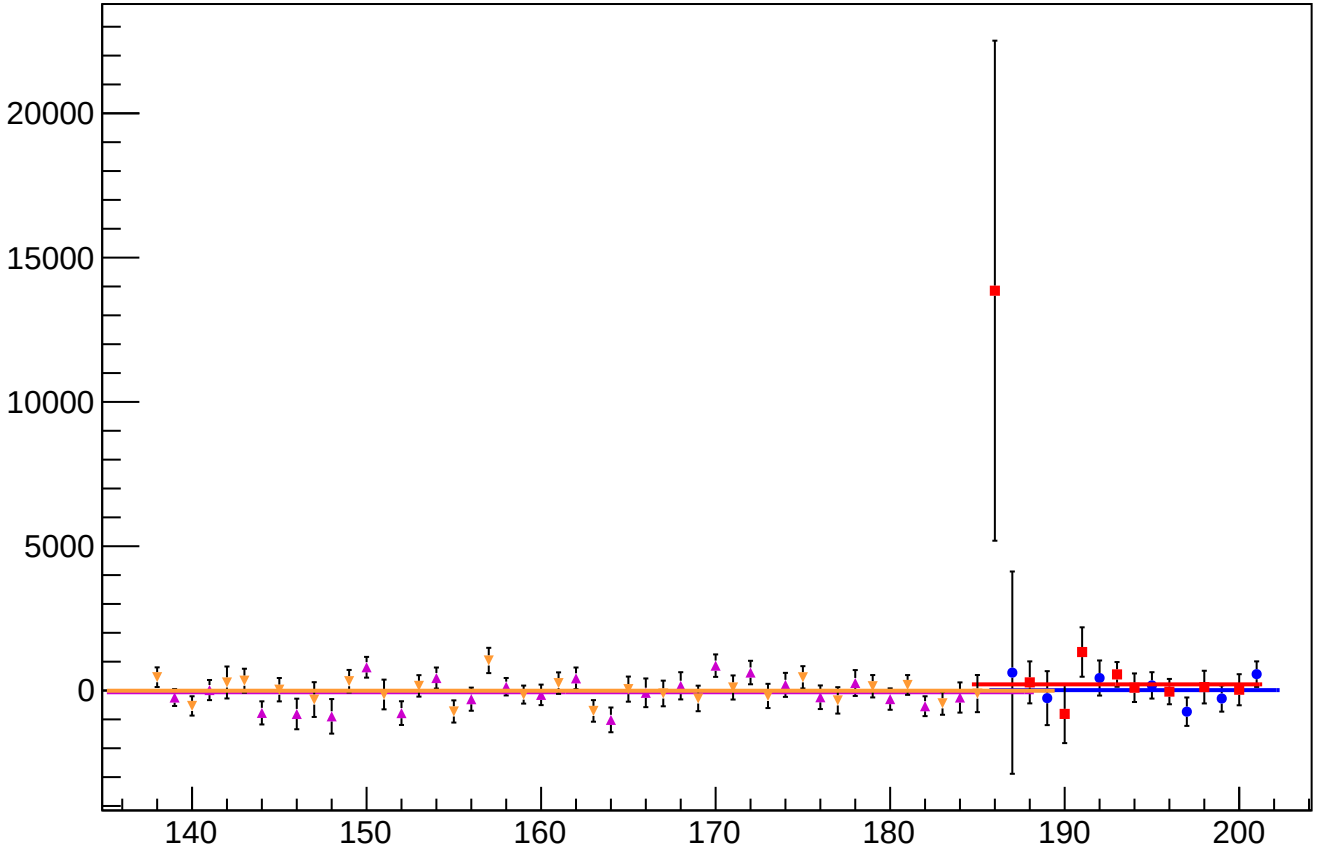
Right: 82.774+/-0.012 χ^2/NDF: 3264606.4/50

In: 83.077+/-0.011 χ^2/NDF:1249840.2/46

Out: 83.472+/-0.011 χ^2/NDF:2254986.1/51

All: 83.280+/-0.008 χ^2/NDF: 3505478.2/98

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 14.082+/-209.459 χ^2/NDF: 5.0/6

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 213.962+/-197.856 χ^2/NDF: 6.4/8

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

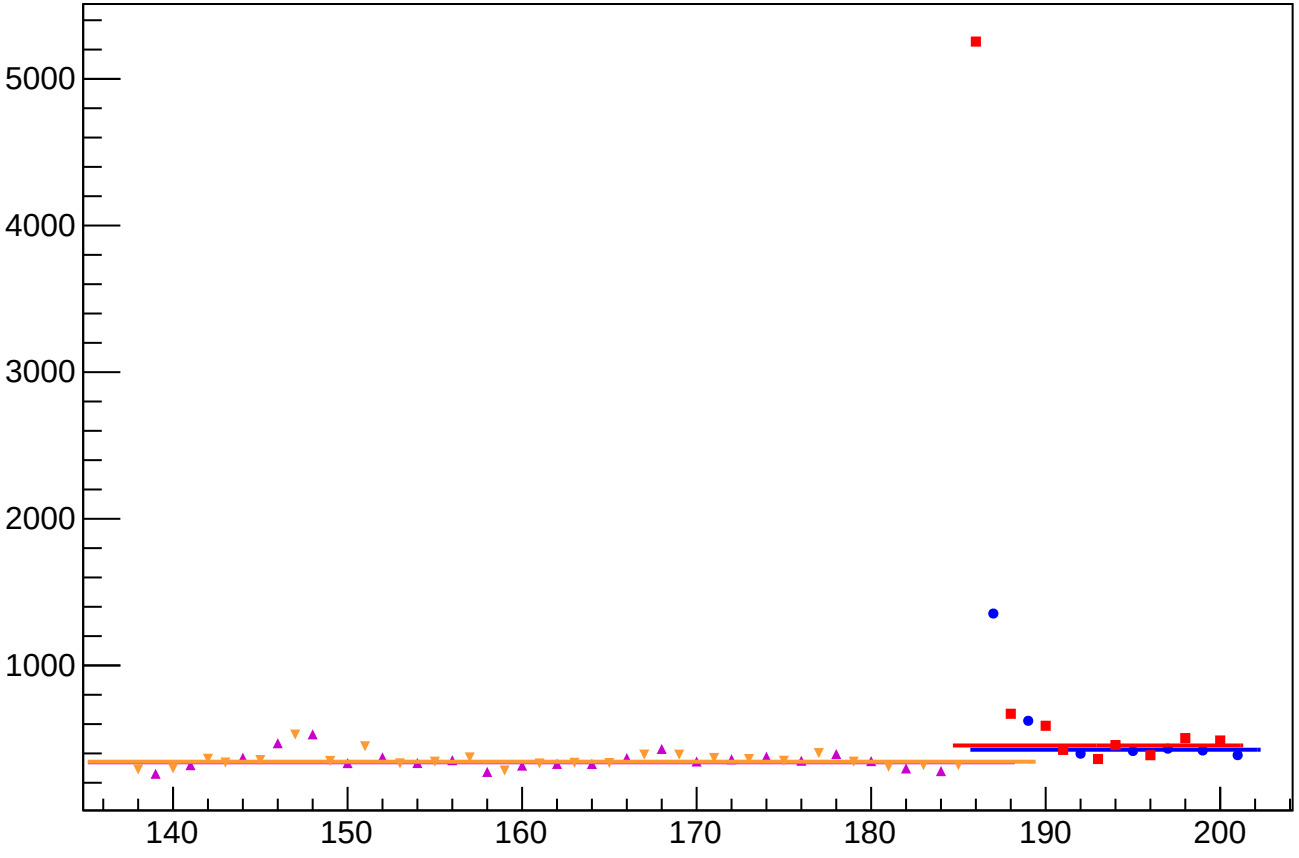
Right: 119.712+/-143.832 χ^2/NDF: 11.9/15

In: -50.121+/-76.395 χ^2/NDF:43.1/29

Out: 25.129+/-75.071 χ^2/NDF:31.9/33

All: -11.838+/-53.545 χ^2/NDF: 75.4/63

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 425.300+/-0.148 χ^2/NDF: 248887.9/6

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 454.232+/-0.140 χ^2/NDF: 991503.0/8

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

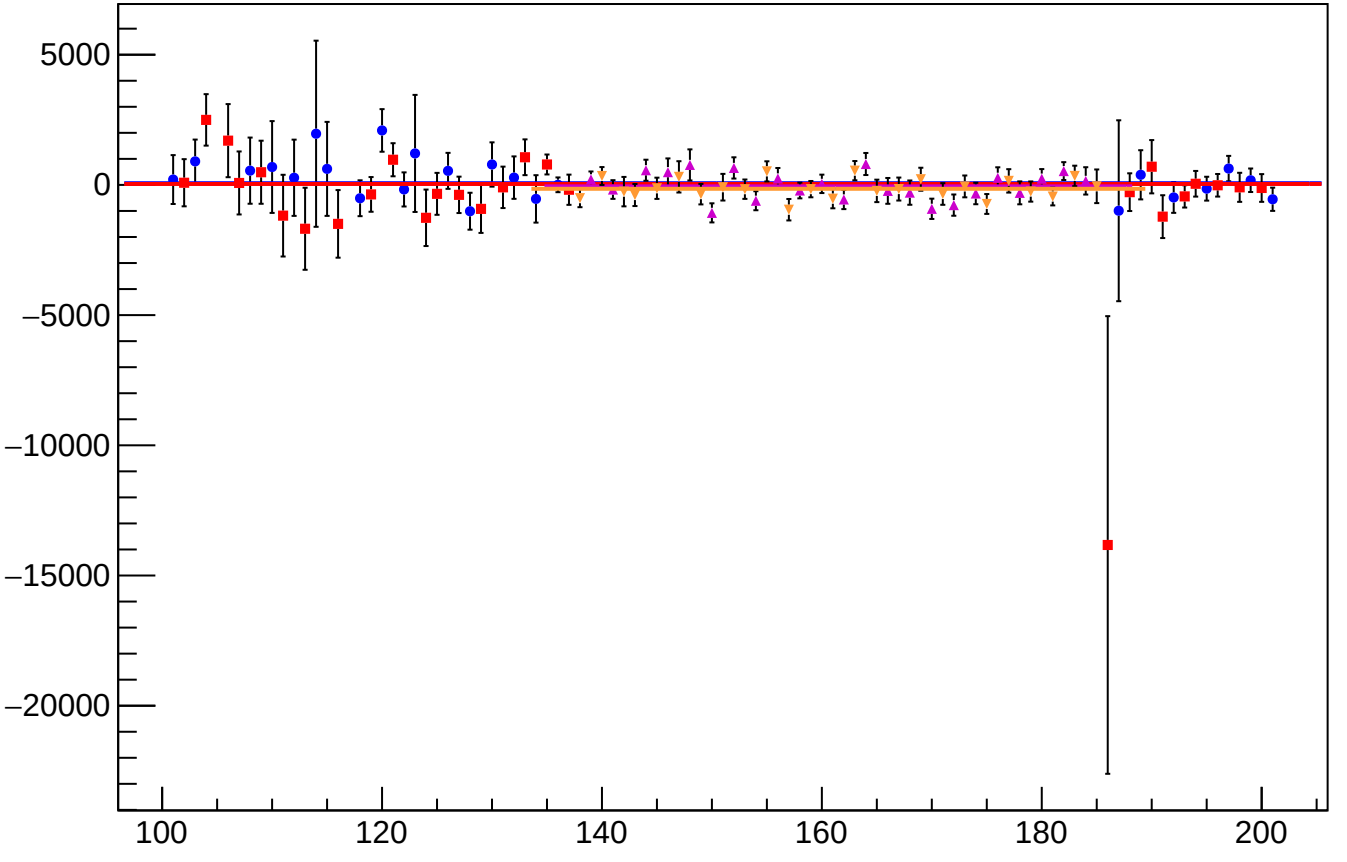
Right: 440.589+/-0.102 χ^2/NDF: 1260556.6/15

In: 351.177+/-0.054 χ^2/NDF:1337525.8/29

Out: 359.544+/-0.053 χ^2/NDF:2097686.4/33

All: 355.433+/-0.038 χ^2/NDF: 3447417.5/63

asym_sam1_mean vs Slug, Sign Corrected



Right In: 64.703+/-135.975 χ^2/NDF: 17.5/23

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 36.332+/-134.410 χ^2/NDF: 29.6/26

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

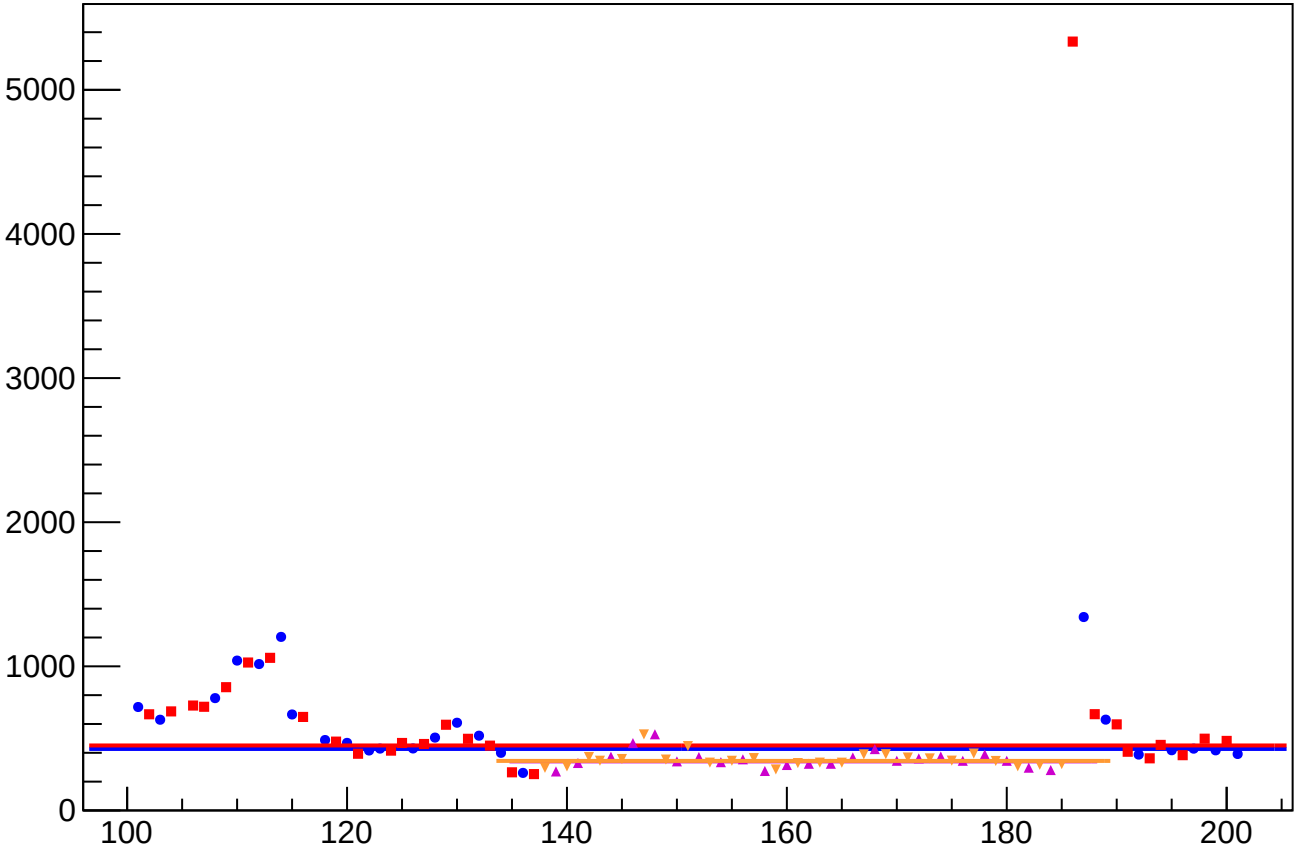
Right: 50.353+/-95.591 χ^2/NDF: 47.1/50

In: -24.016+/-70.317 χ^2/NDF:57.8/46

Out: -99.470+/-69.387 χ^2/NDF:53.0/51

All: -62.245+/-49.389 χ^2/NDF: 111.4/98

asym_sam1_rms vs Slug, Sign Corrected



Right In: 426.782+/-0.096 χ^2/NDF: 2266898.5/23

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 450.947+/-0.095 χ^2/NDF: 3028612.6/26

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

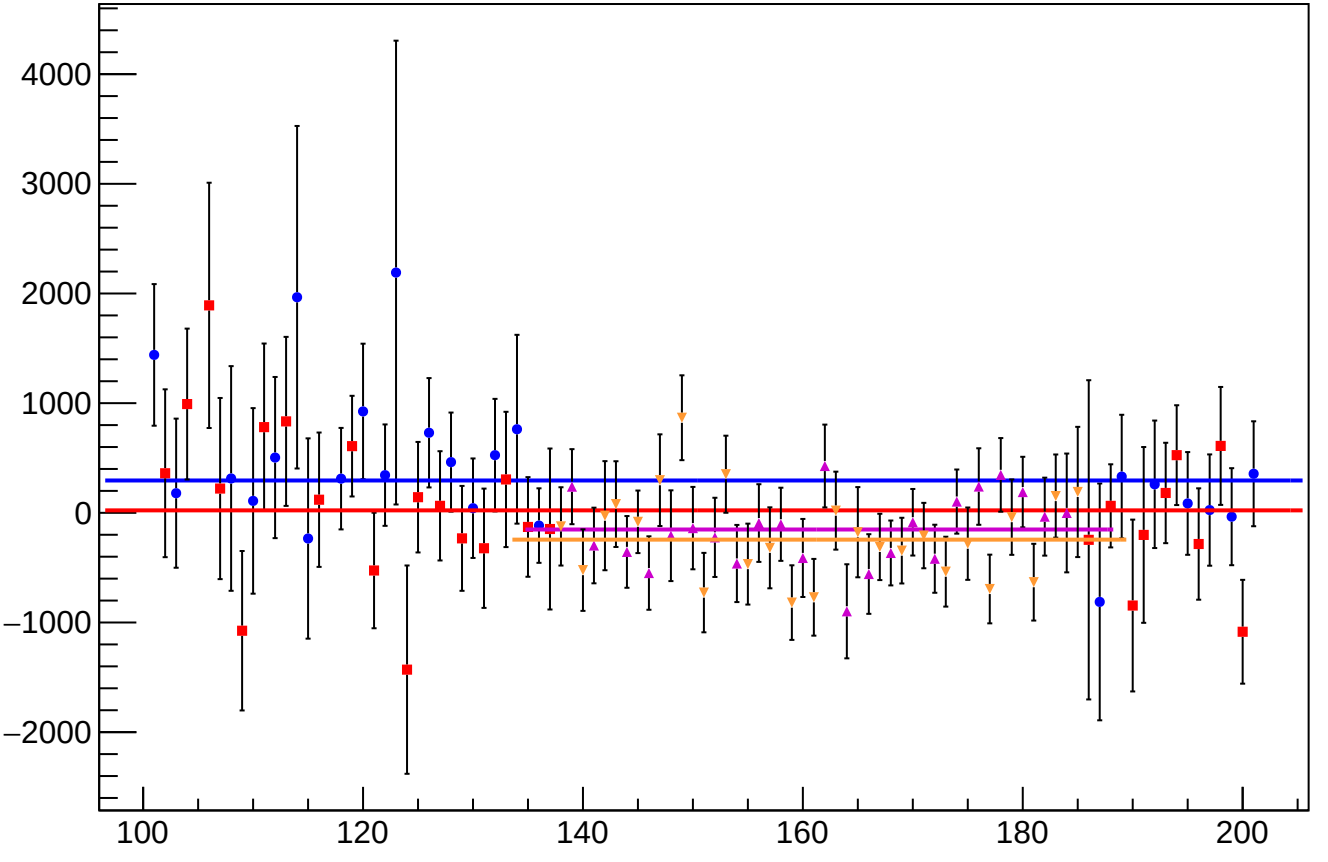
Right: 439.004+/-0.068 χ^2/NDF: 5327461.4/50

In: 363.588+/-0.050 χ^2/NDF:3593611.2/46

Out: 372.326+/-0.049 χ^2/NDF:4500770.0/51

All: 368.015+/-0.035 χ^2/NDF: 8110030.7/98

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 294.930+/-115.432 χ^2/NDF: 11.9/23

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 22.422+/-111.397 χ^2/NDF: 25.3/26

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

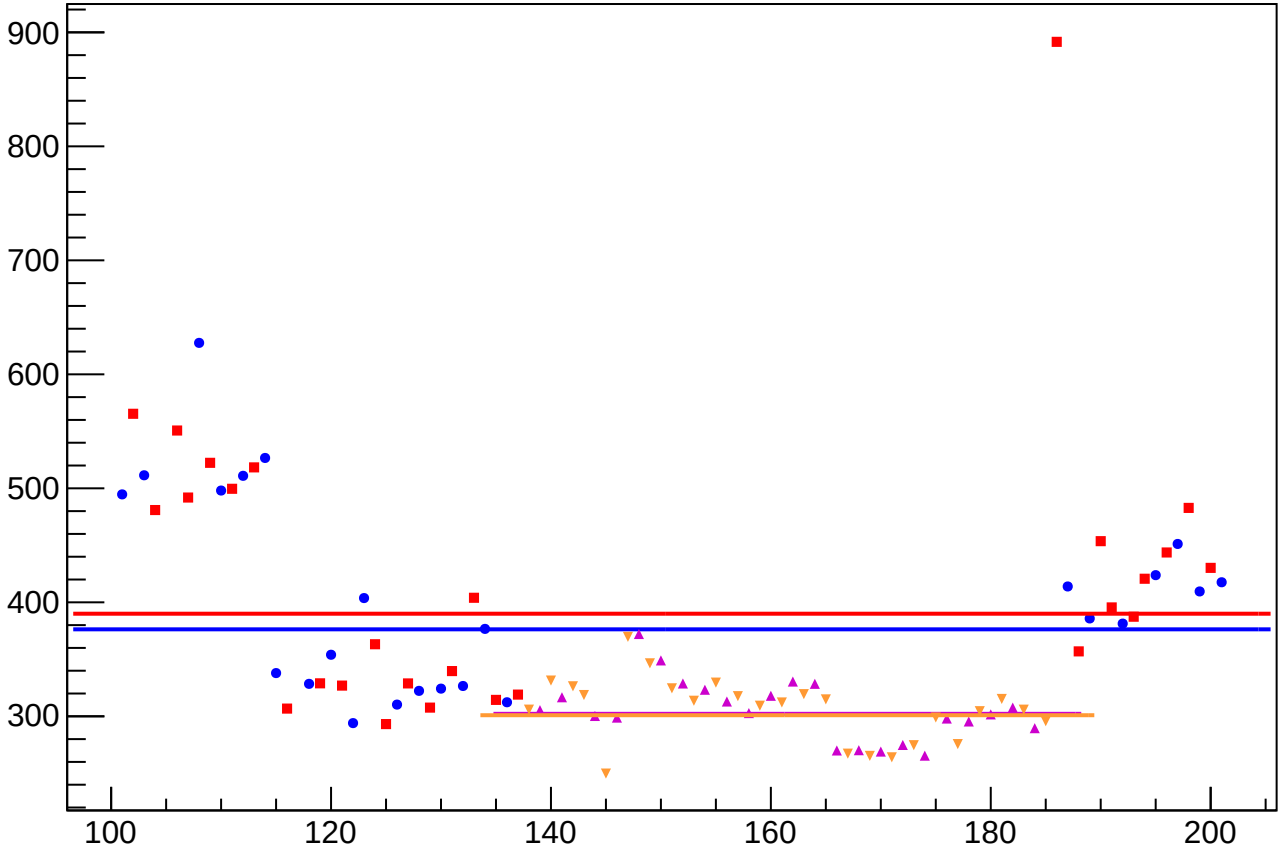
Right: 153.831+/-80.158 χ^2/NDF: 40.1/50

In: -26.062+/-61.280 χ^2/NDF:40.9/46

Out: -167.925+/-59.654 χ^2/NDF:58.3/51

All: -98.901+/-42.745 χ^2/NDF: 101.9/98

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 376.304+/-0.082 χ^2/NDF: 758039.0/23

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 390.005+/-0.079 χ^2/NDF: 1104735.2/26

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

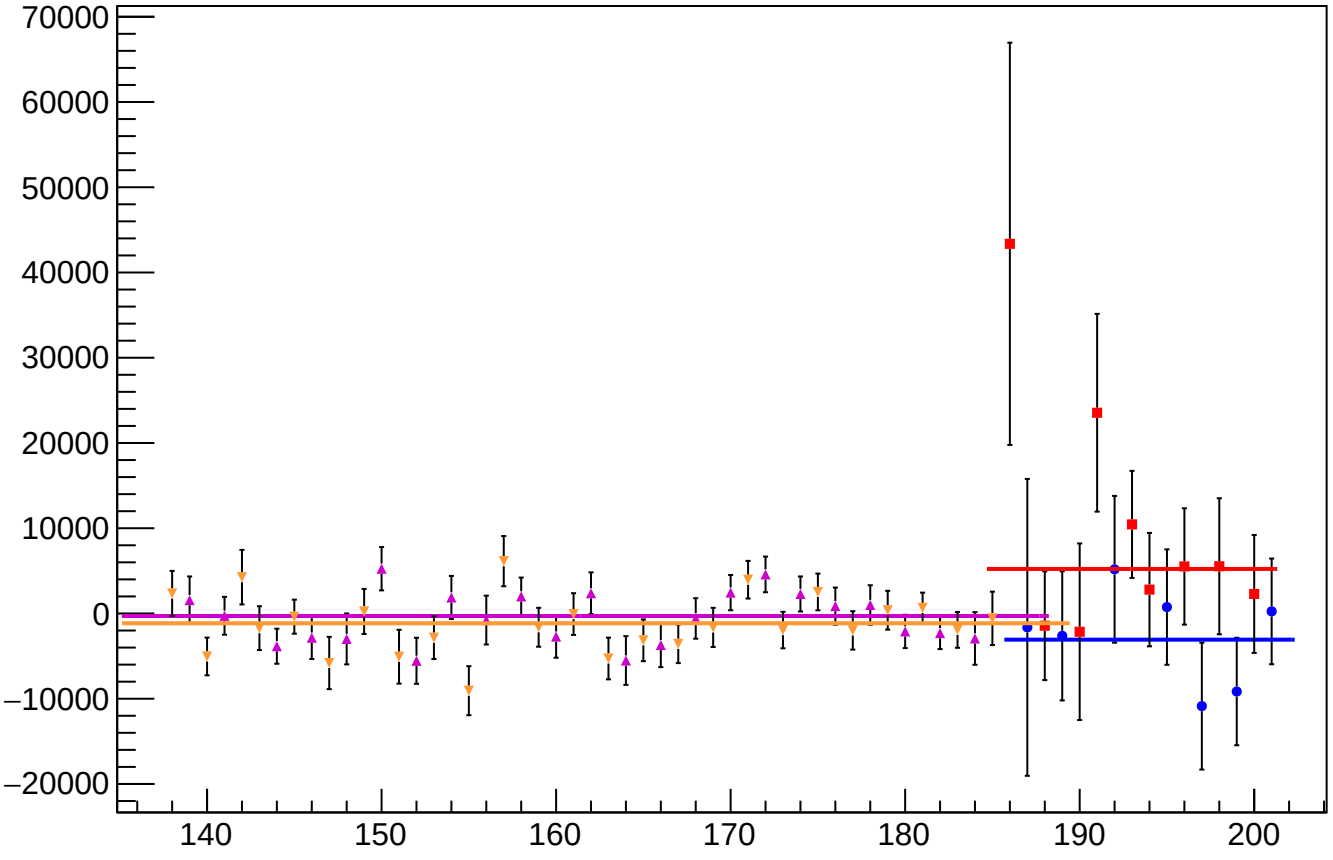
Right: 383.398+/-0.057 χ^2/NDF: 1877364.7/50

In: 323.070+/-0.043 χ^2/NDF:1597784.3/46

Out: 326.496+/-0.042 χ^2/NDF:2338376.6/51

All: 324.829+/-0.030 χ^2/NDF: 3939370.0/98

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -3070.546+/-2825.891 χ^2/NDF: 3.6/6

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 5225.654+/-2589.155 χ^2/NDF: 7.7/8

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

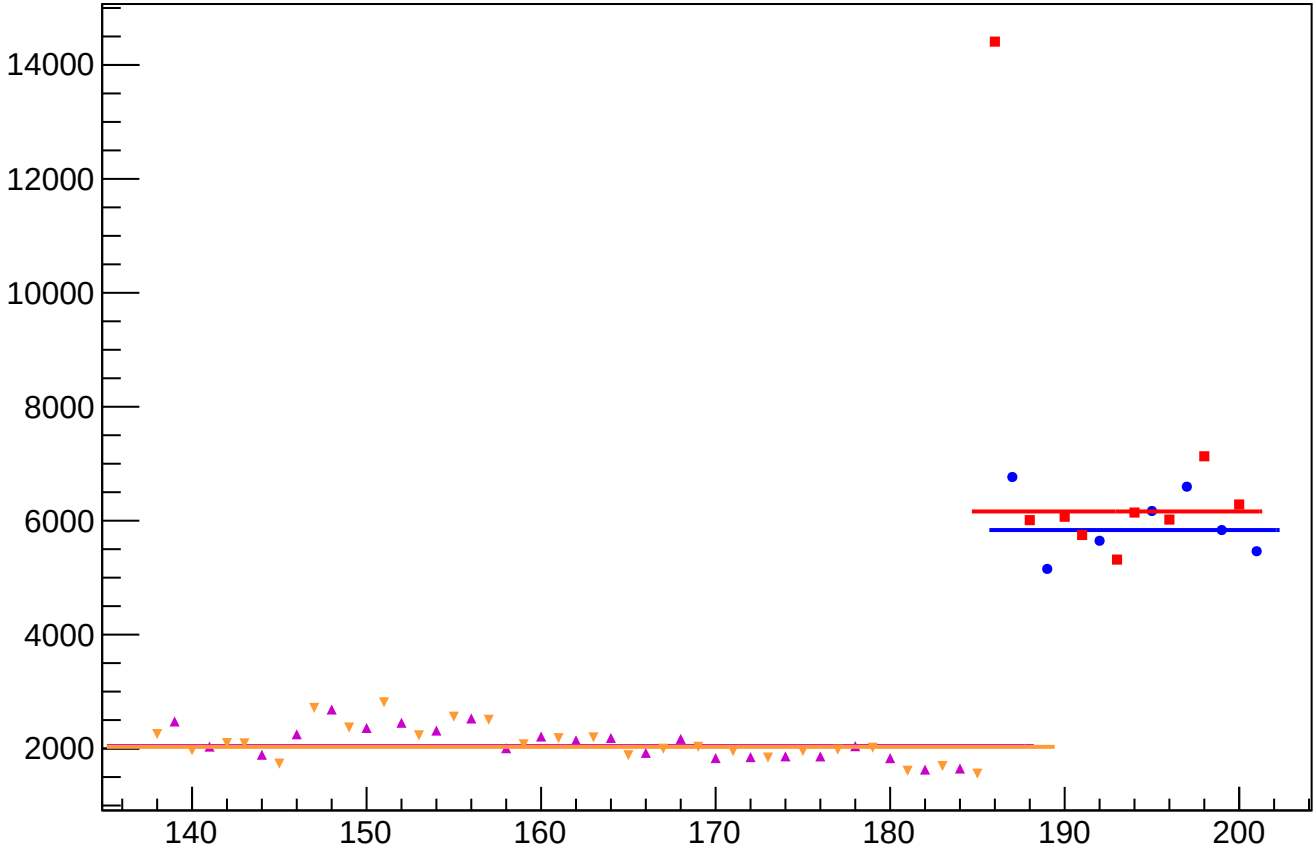
Right: 1439.557+/-1909.025 χ^2/NDF: 16.0/15

In: -380.290+/-484.207 χ^2/NDF:39.5/29

Out: -934.782+/-471.911 χ^2/NDF:54.8/33

All: -664.666+/-337.955 χ^2/NDF: 95.0/63

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5835.676+/-1.998 χ^2/NDF: 55872.8/6

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6161.960+/-1.831 χ^2/NDF: 315376.3/8

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

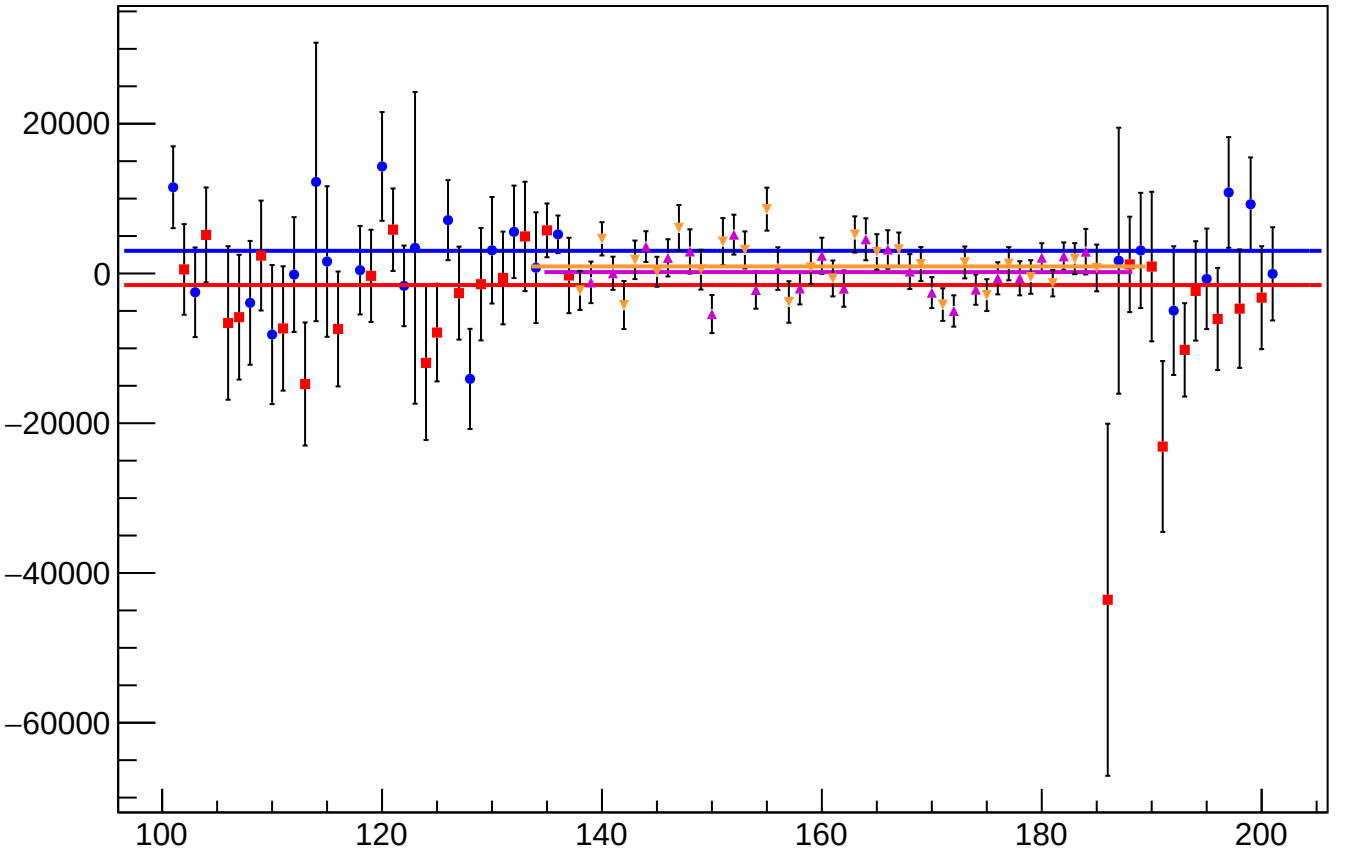
Right: 6013.056+/-1.350 χ^2/NDF: 385744.1/15

In: 2155.377+/-0.342 χ^2/NDF:4121247.3/29

Out: 2167.439+/-0.334 χ^2/NDF:5941876.4/33

All: 2161.563+/-0.239 χ^2/NDF: 10063760.3/6

asym_sam2_mean vs Slug, Sign Corrected



Right In: 3025.876+/-1283.211 χ^2/NDF: 20.9/23

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -1546.443+/-1302.130 χ^2/NDF: 24.1/26

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

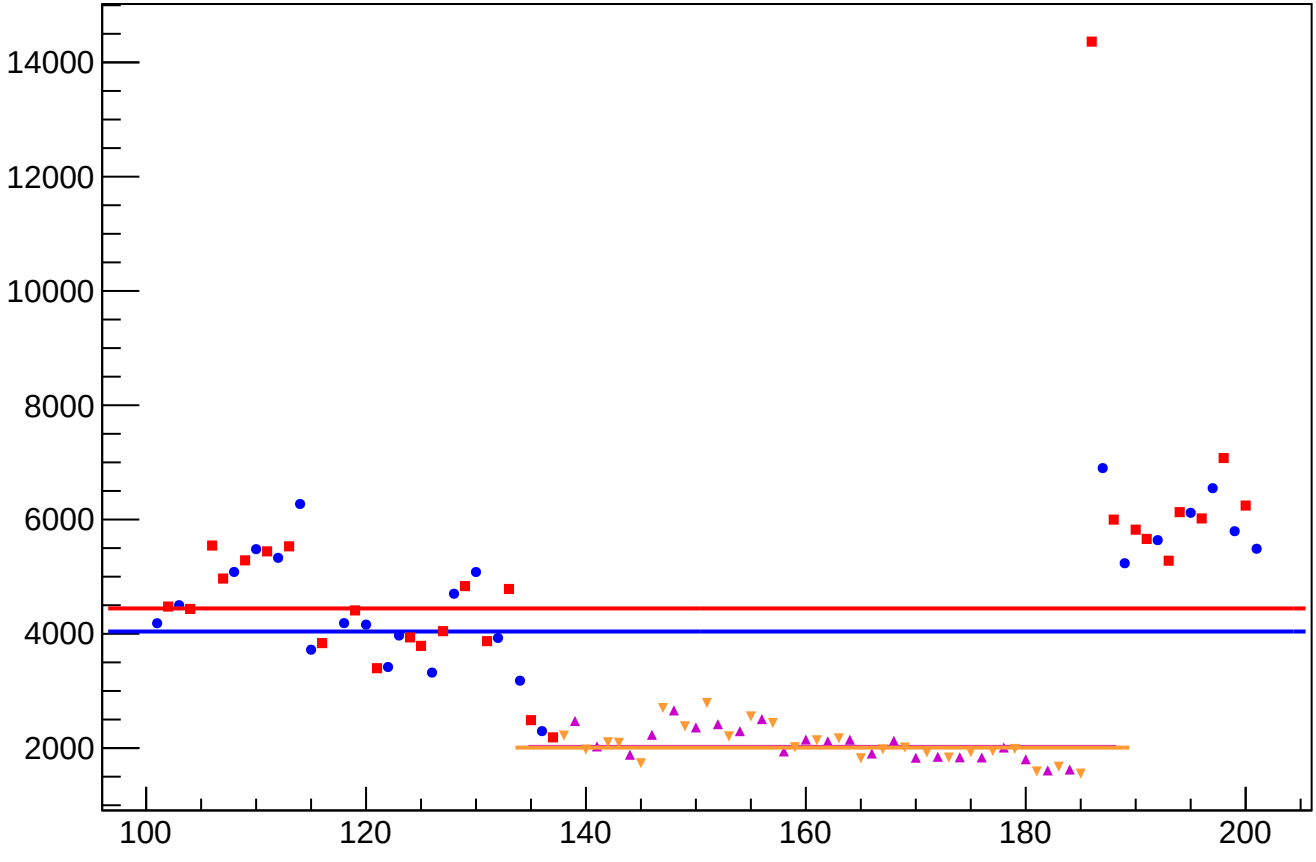
Right: 773.174+/-913.983 χ^2/NDF: 51.3/50

In: 537.228+/-454.586 χ^2/NDF:58.1/46

Out: 651.046+/-445.771 χ^2/NDF:65.7/51

All: 595.251+/-318.279 χ^2/NDF: 123.8/98

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4040.366+/-0.907 χ^2/NDF: 2155316.4/23

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4444.221+/-0.921 χ^2/NDF: 2424519.6/26

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

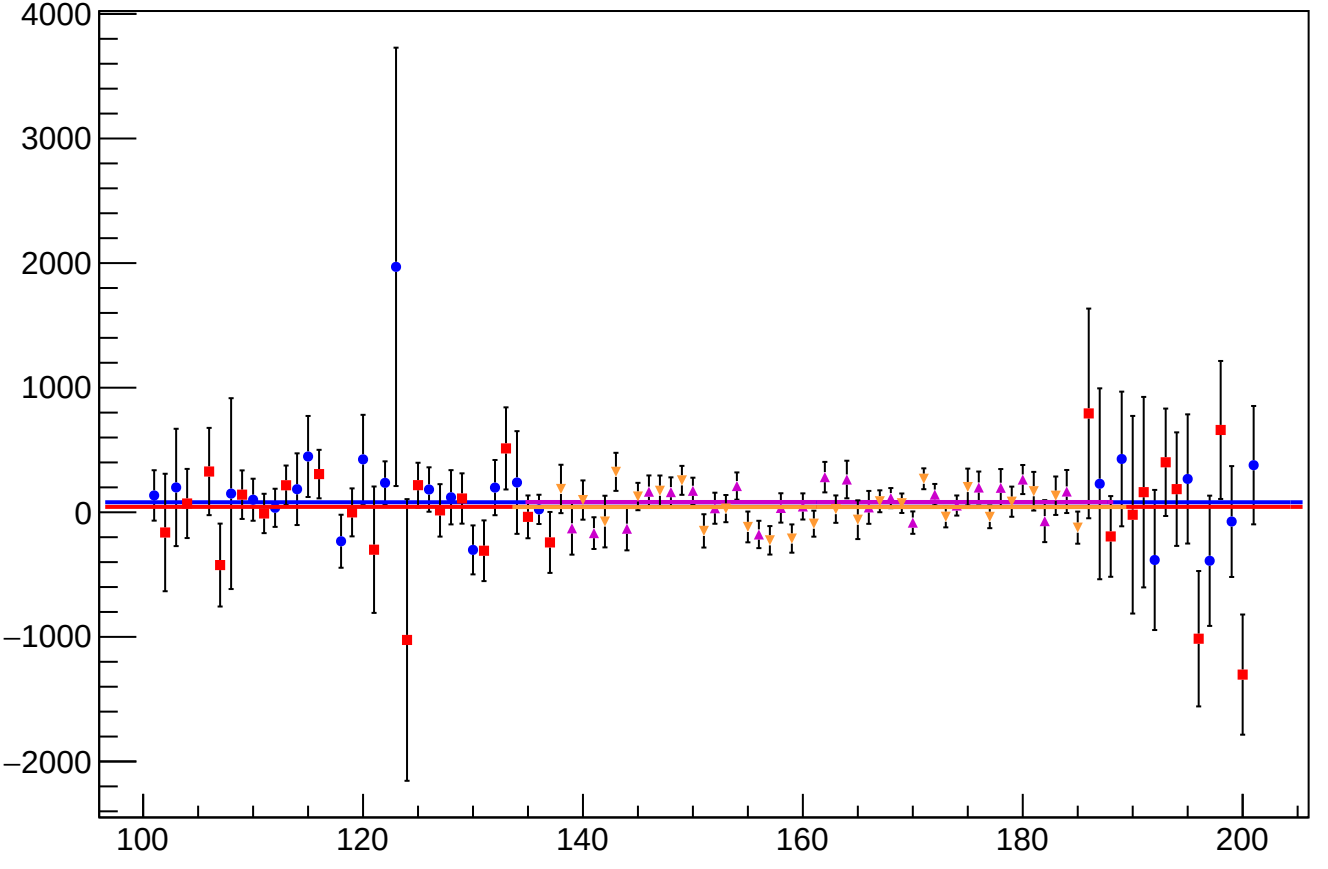
Right: 4239.338+/-0.646 χ^2/NDF: 4677436.9/50

In: 2274.328+/-0.321 χ^2/NDF:7063527.1/46

Out: 2294.310+/-0.315 χ^2/NDF:9309654.2/51

All: 2284.514+/-0.225 χ^2/NDF: 16375151.3/9

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 80.480+/-50.233 χ^2/NDF: 14.1/23

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 43.289+/-50.693 χ^2/NDF: 29.4/26

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

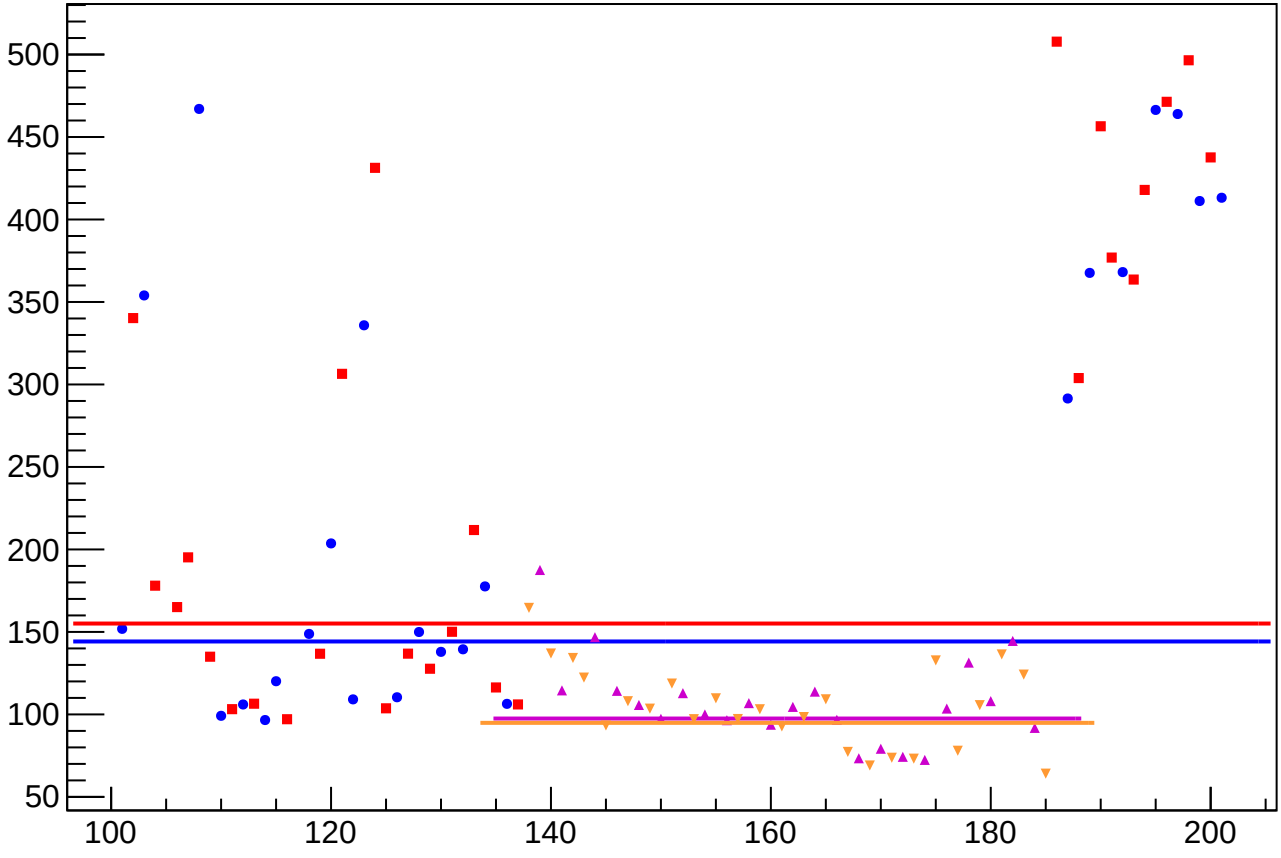
Right: 62.054+/-35.681 χ^2/NDF: 43.7/50

In: 82.226+/-21.768 χ^2/NDF:42.7/46

Out: 42.094+/-20.972 χ^2/NDF:68.5/51

All: 61.413+/-15.103 χ^2/NDF: 113.0/98

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 144.213+/-0.036 χ^2/NDF: 5162723.3/23

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 155.083+/-0.036 χ^2/NDF: 6217856.8/26

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

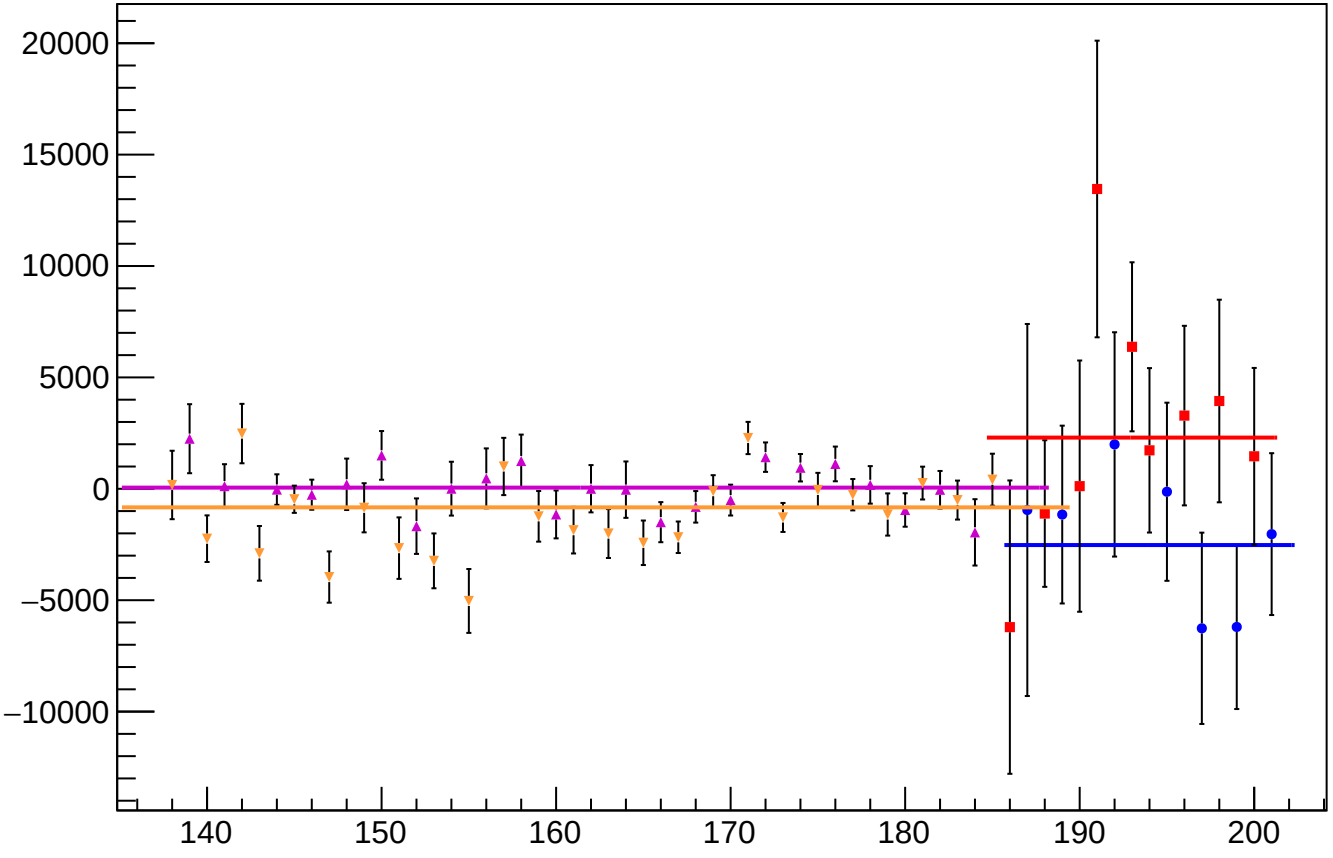
Right: 149.598+/-0.025 χ^2/NDF: 11426979.2/50

In: 106.271+/-0.015 χ^2/NDF:8128895.8/46

Out: 105.189+/-0.015 χ^2/NDF:10352264.5/51

All: 105.710+/-0.011 χ^2/NDF: 18483722.1/98

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -2524.513+/-1616.056 χ^2/NDF: 3.1/6

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 2298.733+/-1434.585 χ^2/NDF: 7.1/8

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

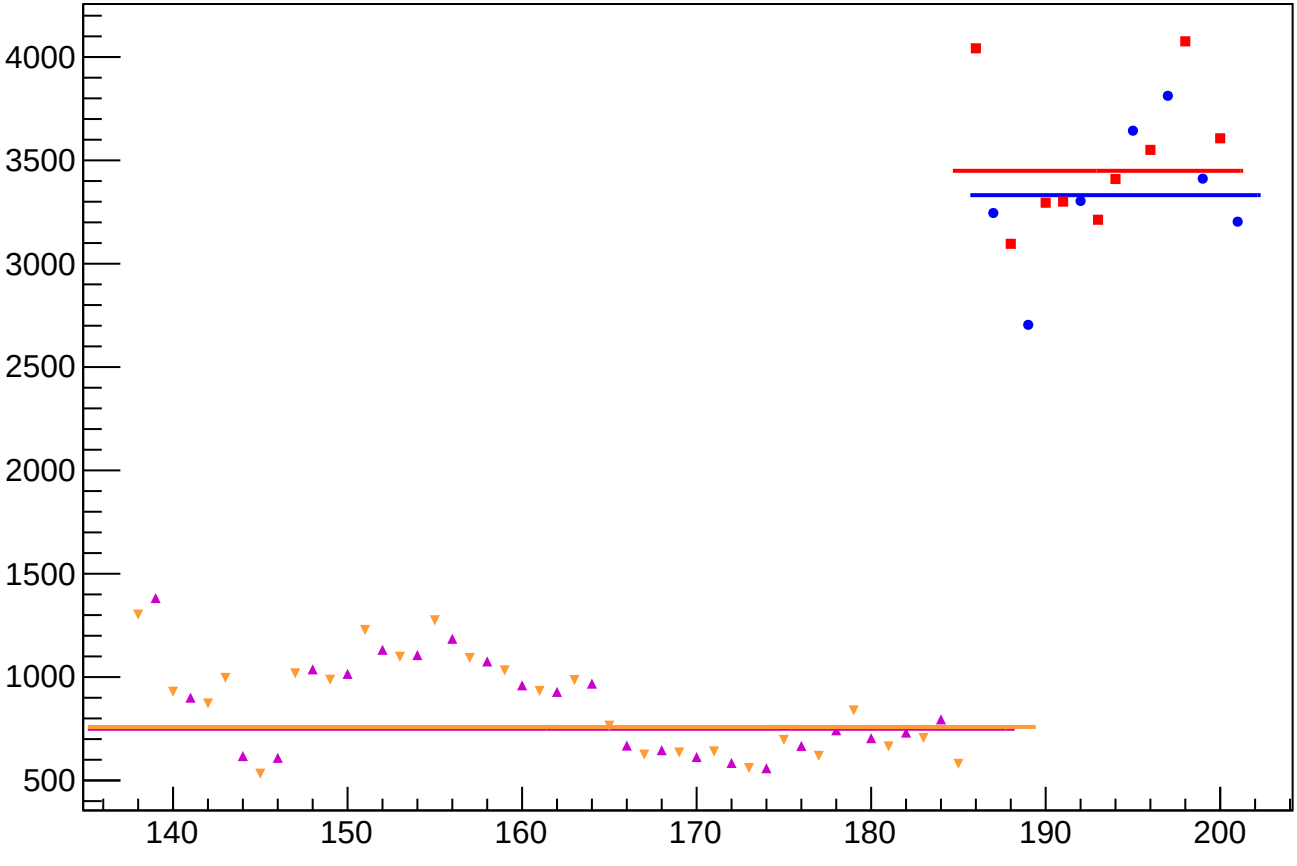
Right: 173.015+/-1072.851 χ^2/NDF: 15.2/15

In: 19.711+/-183.672 χ^2/NDF:30.9/29

Out: -781.923+/-182.466 χ^2/NDF:80.6/33

All: -383.747+/-129.447 χ^2/NDF: 121.1/63

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 3331.706+/-1.143 χ^2/NDF: 90378.4/6

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3449.520+/-1.014 χ^2/NDF: 92135.2/8

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

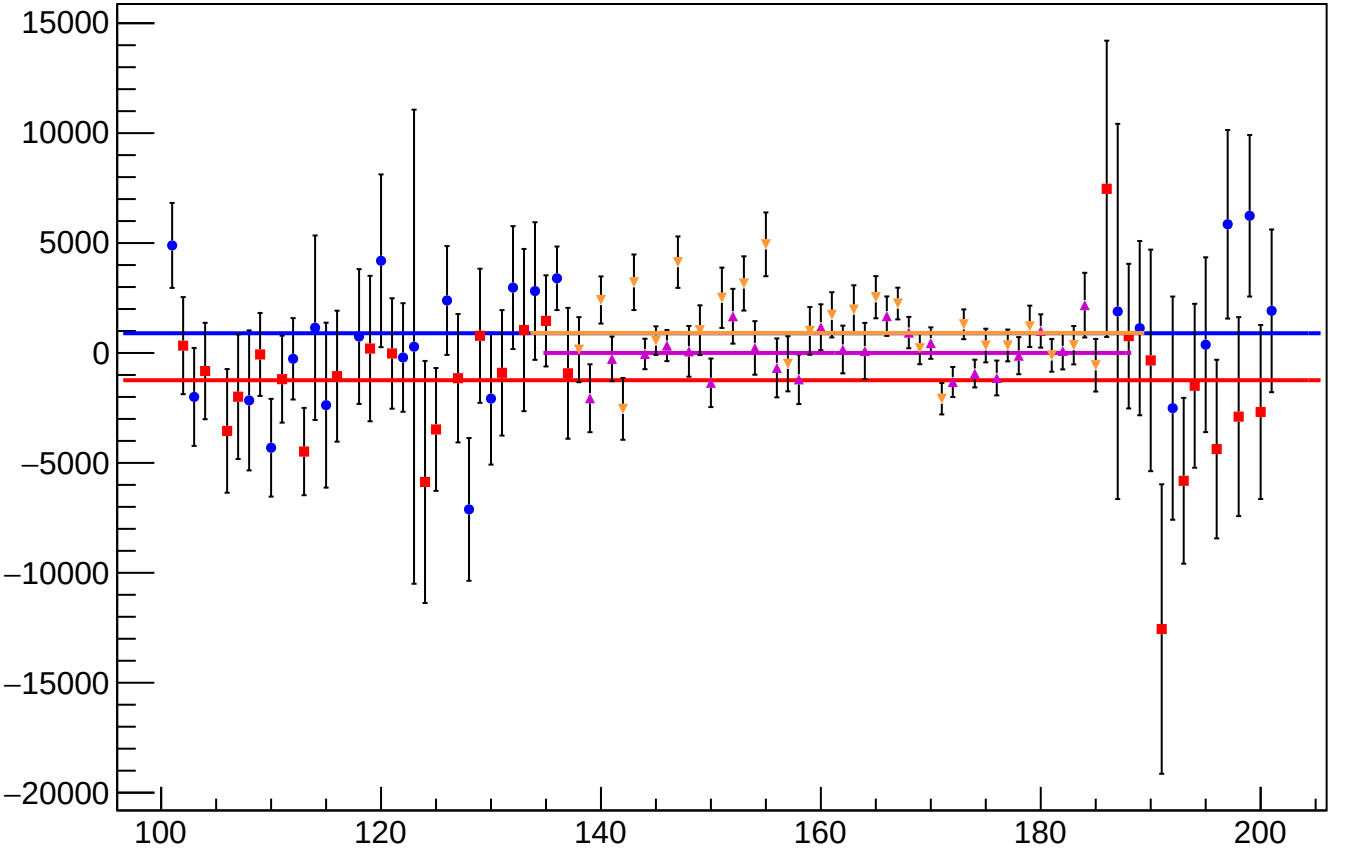
Right: 3397.597+/-0.759 χ^2/NDF: 188458.4/15

In: 783.344+/-0.130 χ^2/NDF:7315334.8/29

Out: 802.140+/-0.129 χ^2/NDF:9468828.9/33

All: 792.804+/-0.092 χ^2/NDF: 16794704.6/63

asym_sam3_mean vs Slug, Sign Corrected



Right In: 897.472+/-578.099 χ^2/NDF: 29.8/23

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1239.749+/-555.865 χ^2/NDF: 16.0/26

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

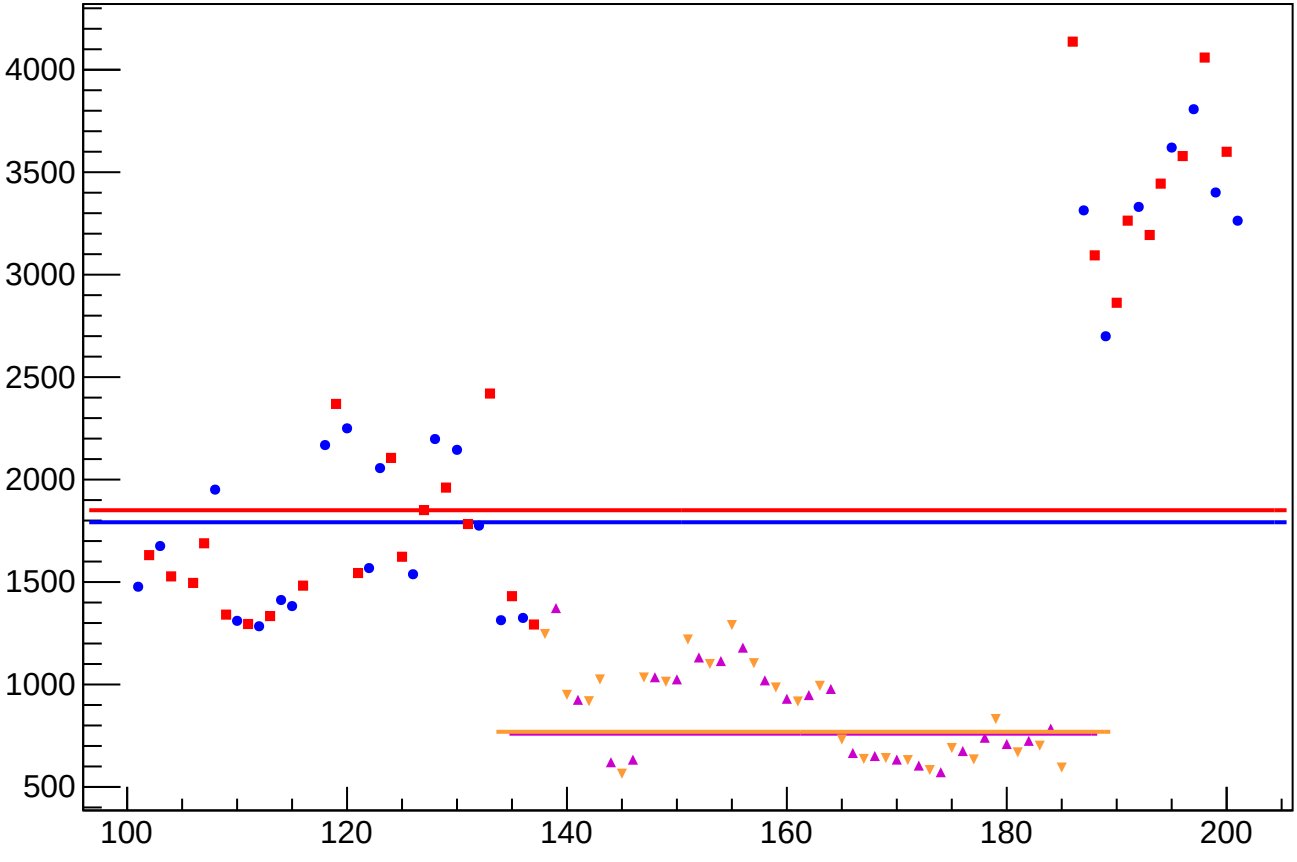
Right: -213.027+/-400.686 χ^2/NDF: 52.9/50

In: 87.471+/-178.156 χ^2/NDF:57.6/46

Out: 695.045+/-176.476 χ^2/NDF:94.4/51

All: 394.136+/-125.377 χ^2/NDF: 157.9/98

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1791.760+/-0.409 χ^2/NDF: 2675512.9/23

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1850.422+/-0.393 χ^2/NDF: 3408005.0/26

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

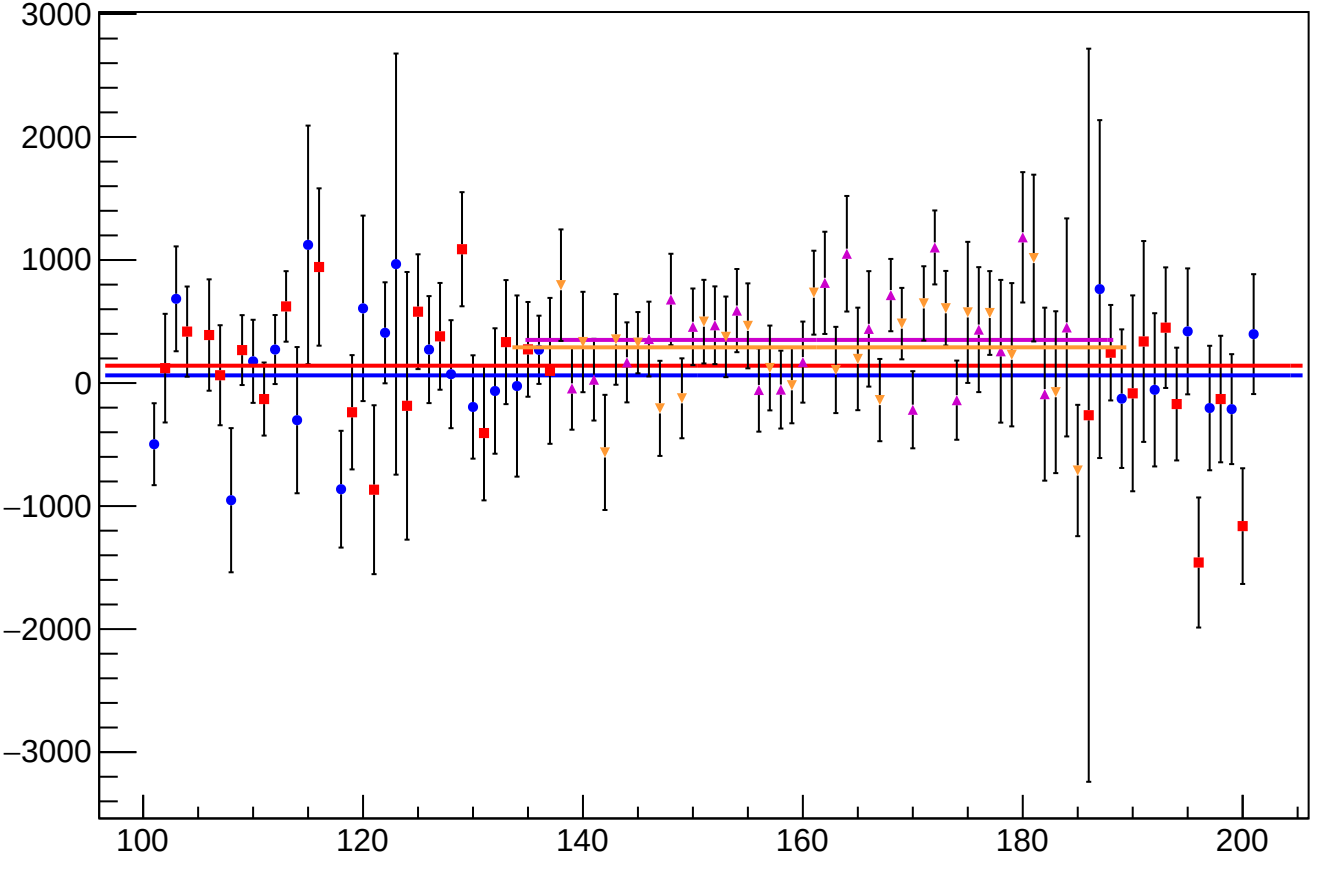
Right: 1822.241+/-0.283 χ^2/NDF: 6094218.6/50

In: 857.930+/-0.126 χ^2/NDF:10456551.4/46

Out: 878.187+/-0.125 χ^2/NDF:12487555.3/51

All: 868.155+/-0.089 χ^2/NDF: 22957157.1/98

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 62.299+/-93.934 χ^2/NDF: 18.8/23

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 141.027+/-87.194 χ^2/NDF: 34.1/26

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

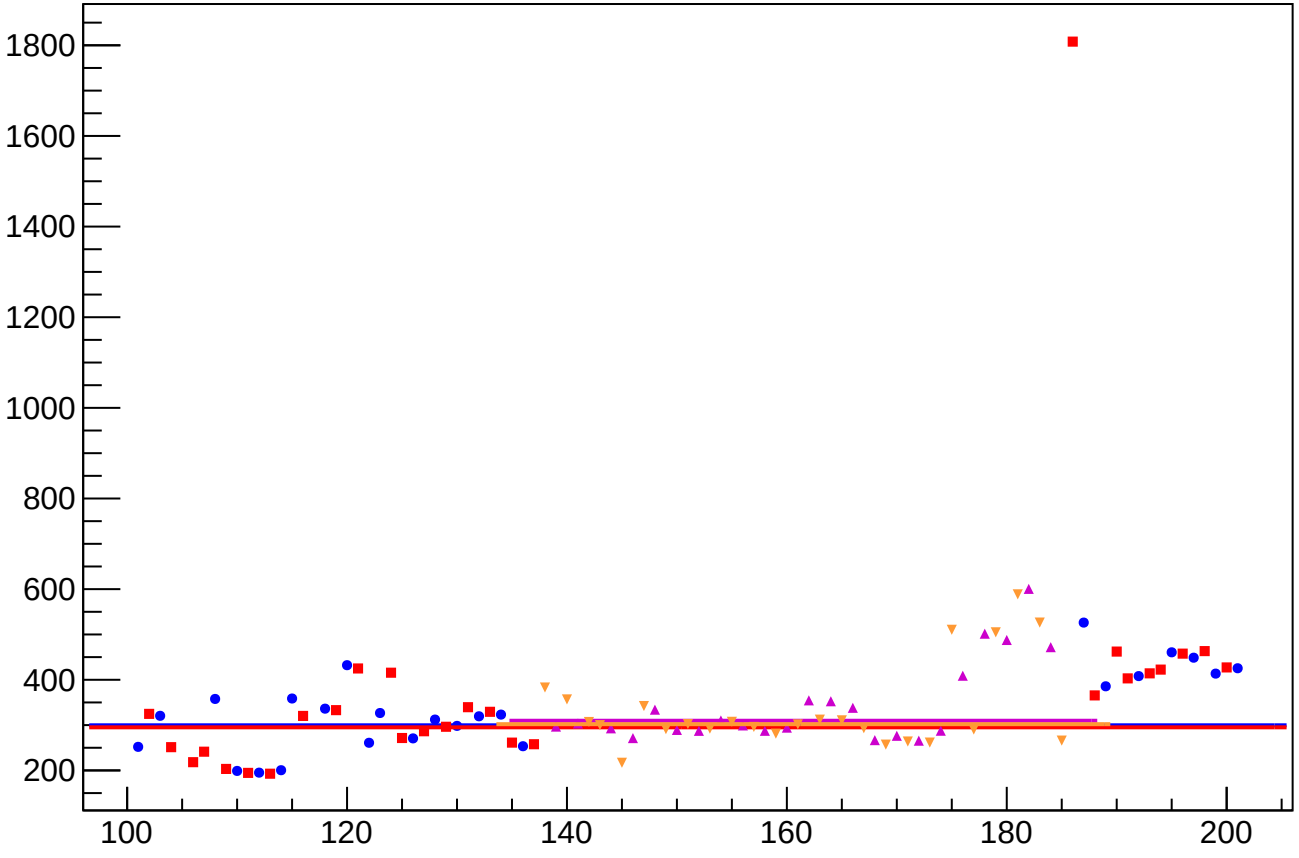
Right: 104.588+/-63.906 χ^2/NDF: 53.3/50

In: 236.656+/-59.042 χ^2/NDF:51.9/46

Out: 228.872+/-55.933 χ^2/NDF:58.2/51

All: 232.554+/-40.605 χ^2/NDF: 110.0/98

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 299.581+/-0.066 χ^2/NDF: 1544011.5/23

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 295.089+/-0.062 χ^2/NDF: 2526239.9/26

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

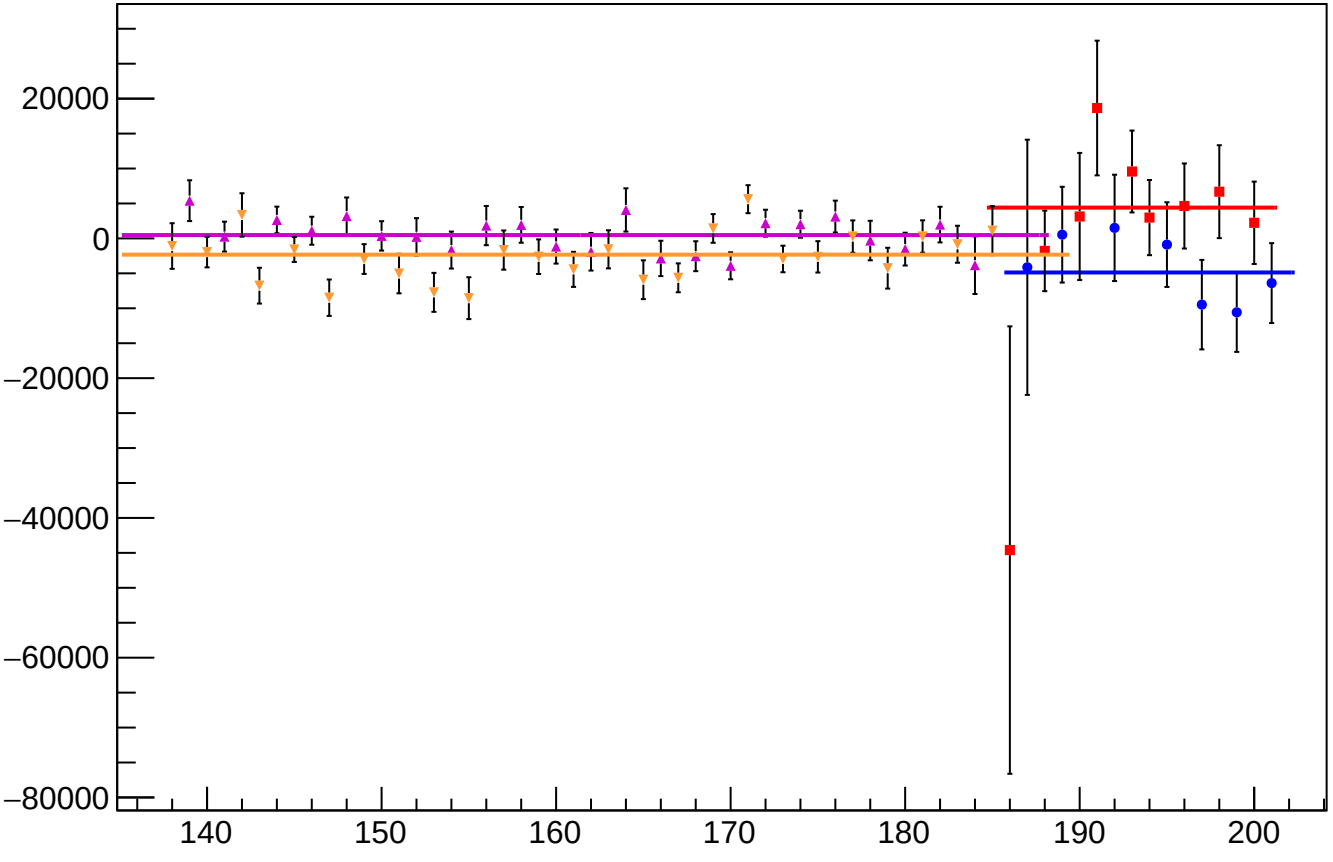
Right: 297.168+/-0.045 χ^2/NDF: 4072707.8/50

In: 305.648+/-0.042 χ^2/NDF:2738081.5/46

Out: 299.180+/-0.040 χ^2/NDF:4130953.8/51

All: 302.239+/-0.029 χ^2/NDF: 6881682.5/98

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -4875.236+/-2540.562 χ^2/NDF: 3.4/6

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 4407.566+/-2258.365 χ^2/NDF: 6.8/8

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

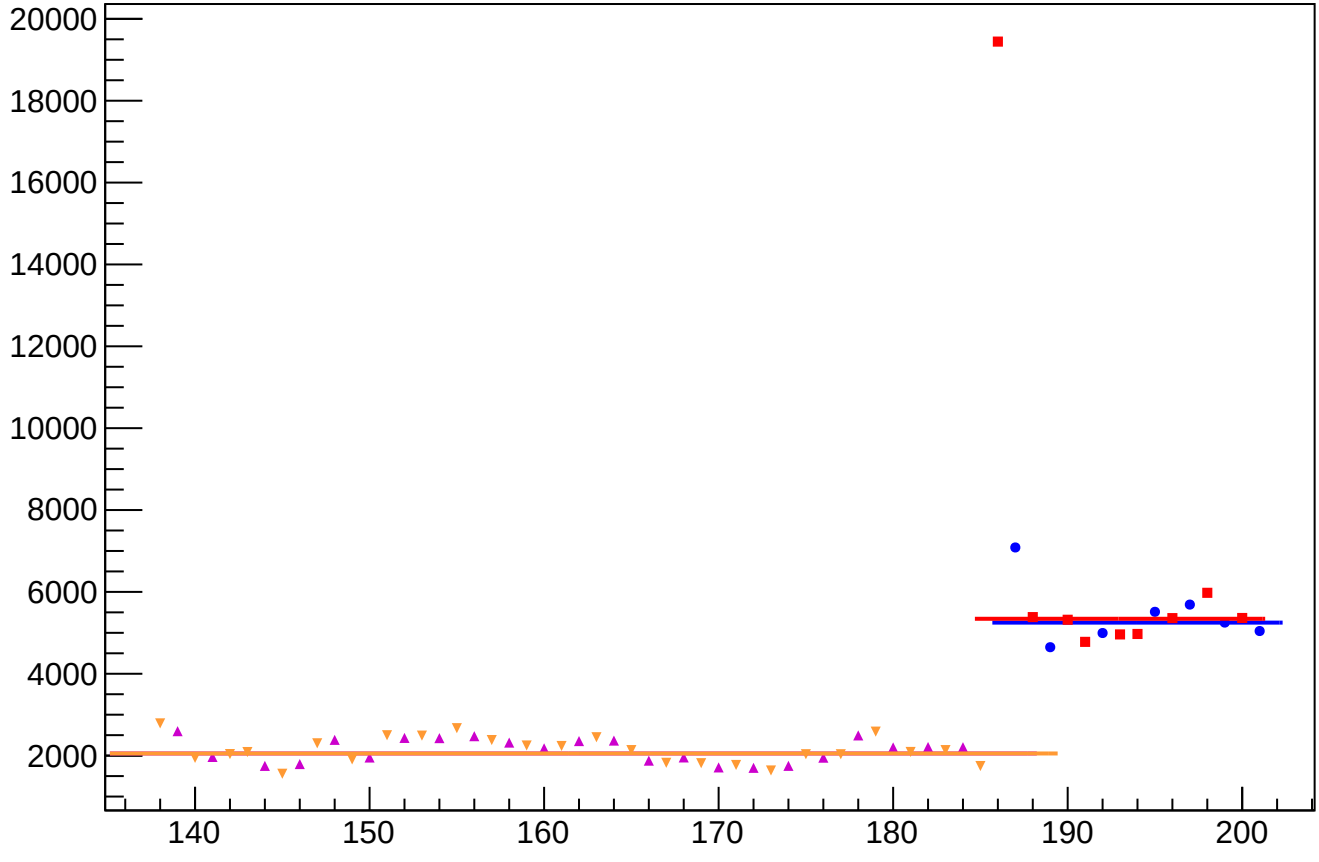
Right: 310.152+/-1687.894 χ^2/NDF: 17.6/15

In: 282.587+/-485.134 χ^2/NDF:30.7/29

Out: -2027.424+/-475.163 χ^2/NDF:65.1/33

All: -896.401+/-339.461 χ^2/NDF: 107.4/63

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 5249.657+/-1.796 χ^2/NDF: 53651.7/6

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5343.273+/-1.597 χ^2/NDF: 431313.3/8

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

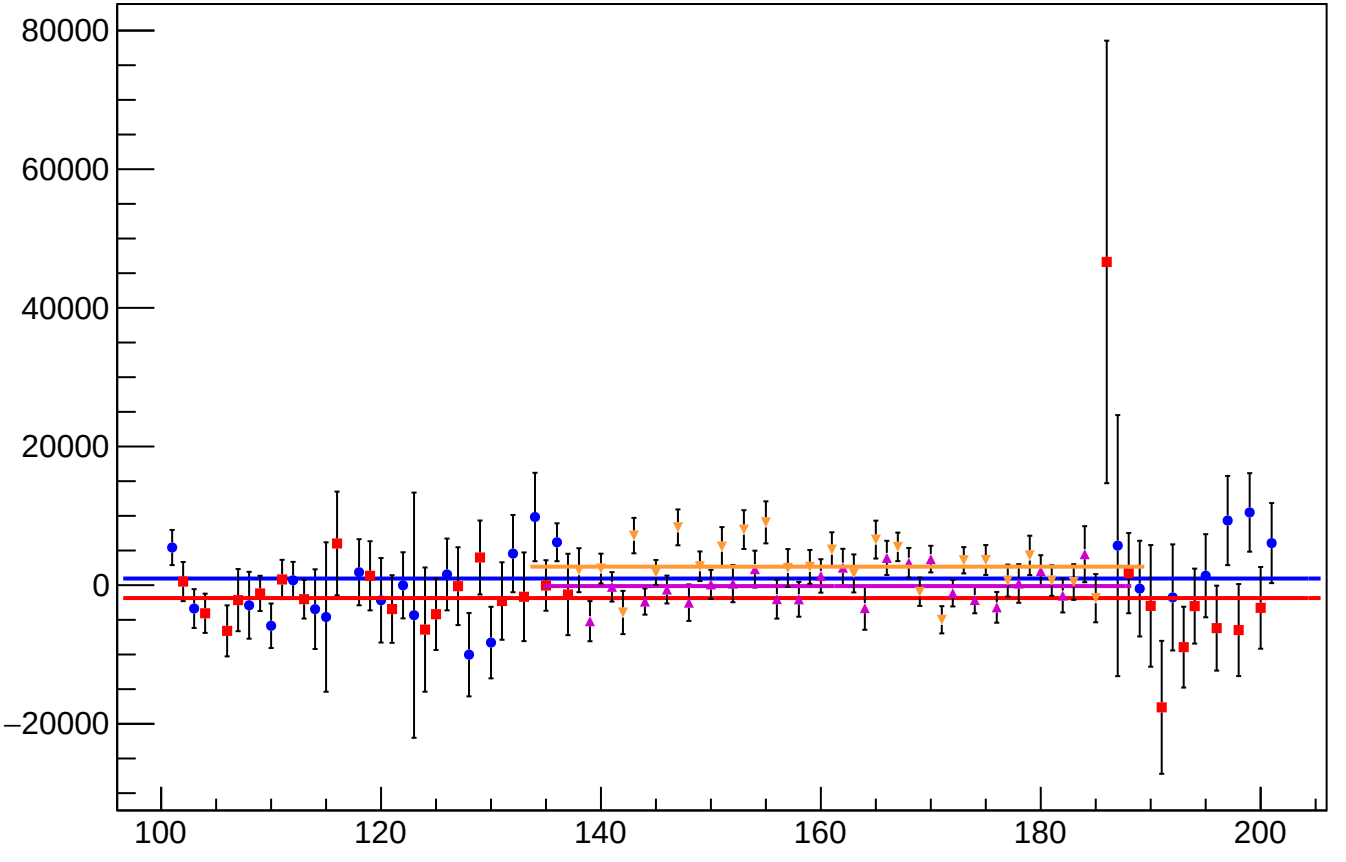
Right: 5301.951+/-1.194 χ^2/NDF: 486481.9/15

In: 2168.969+/-0.343 χ^2/NDF:3759616.7/29

Out: 2198.083+/-0.336 χ^2/NDF:5328155.1/33

All: 2183.828+/-0.240 χ^2/NDF: 9091448.2/63

asym_sam4_mean vs Slug, Sign Corrected



Right In: 958.089+/-924.767 χ^2/NDF: 30.1/23

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1859.204+/-858.656 χ^2/NDF: 15.6/26

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

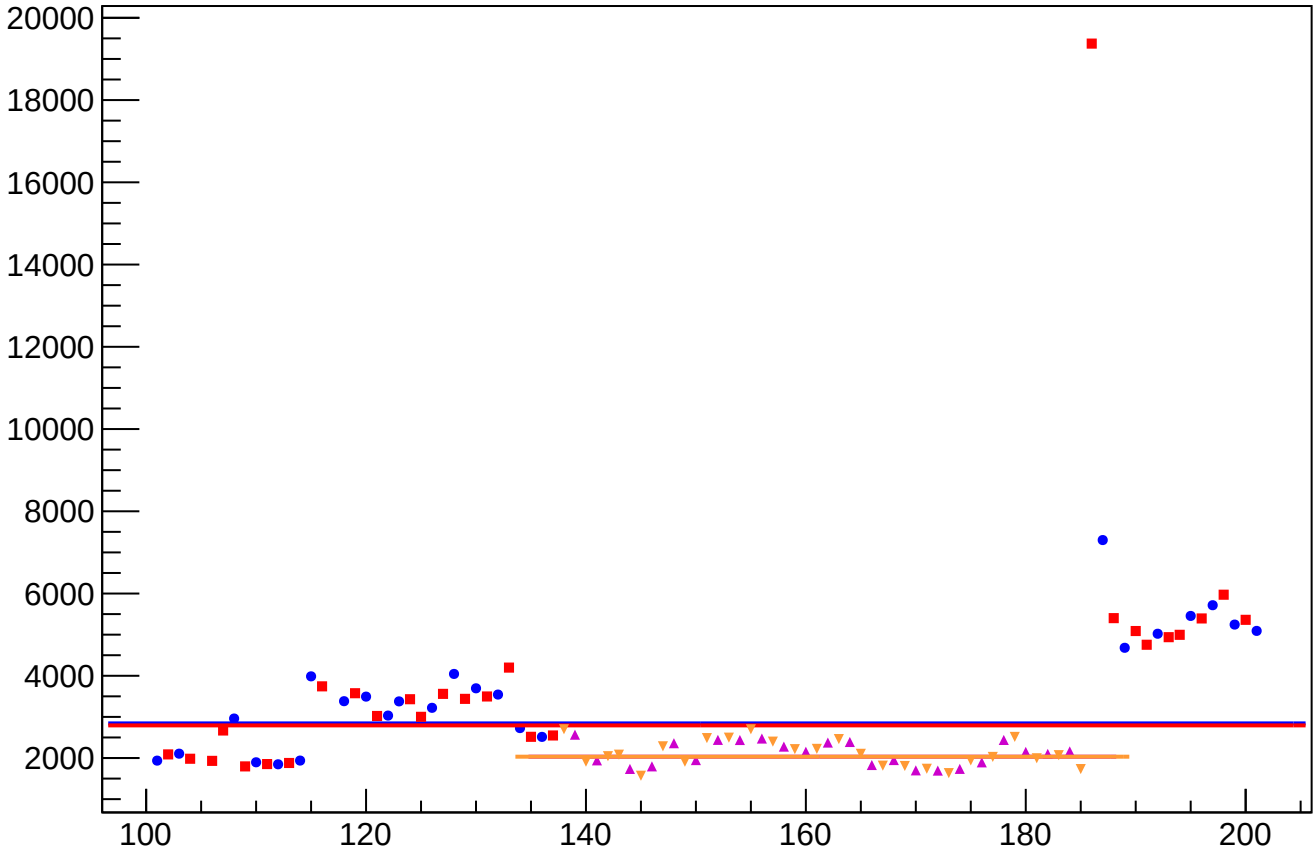
Right: -554.850+/-629.237 χ^2/NDF: 50.6/50

In: 106.530+/-432.804 χ^2/NDF:55.9/46

Out: 1586.088+/-419.619 χ^2/NDF:86.7/51

All: 869.189+/-301.269 χ^2/NDF: 148.6/98

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2841.937+/-0.654 χ^2/NDF: 3040816.5/23

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2793.770+/-0.607 χ^2/NDF: 4420459.3/26

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

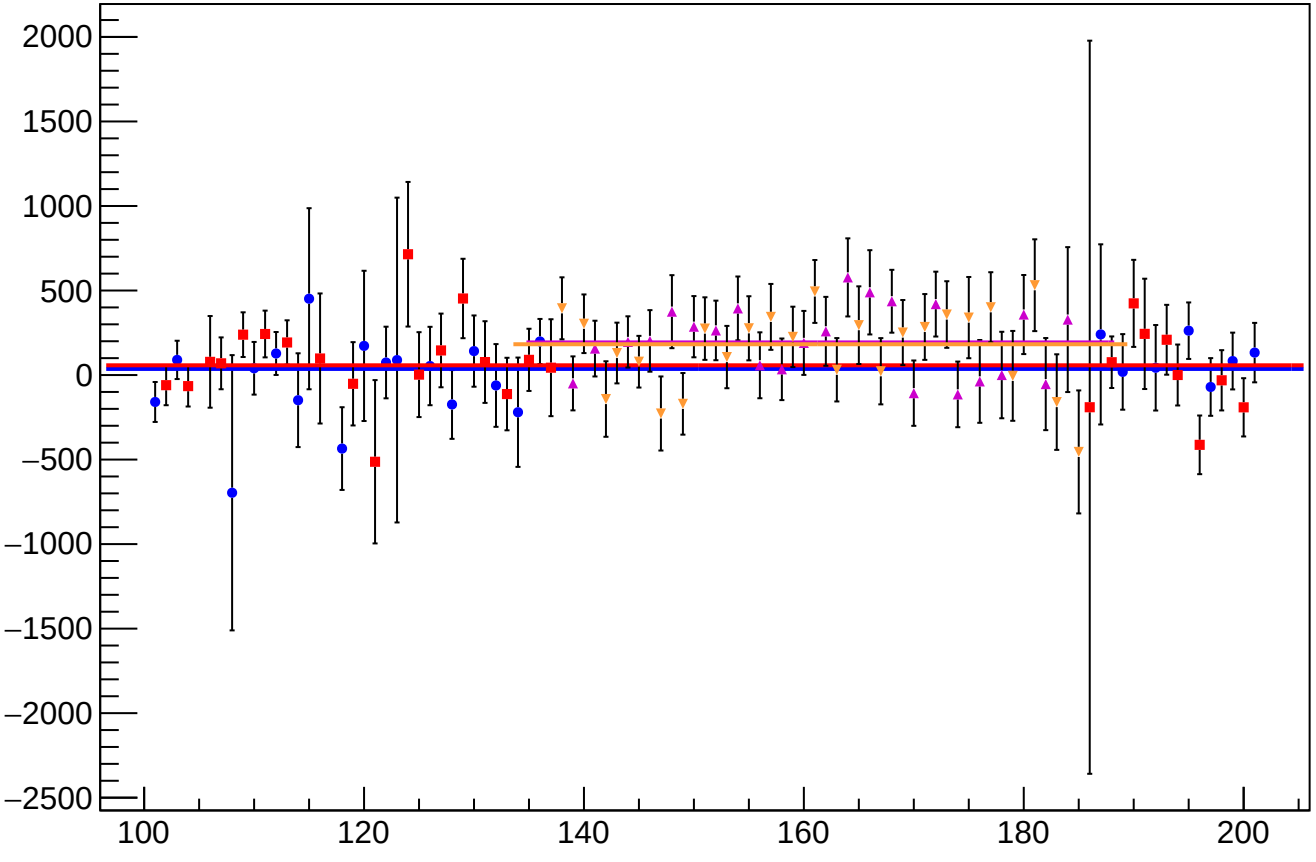
Right: 2816.070+/-0.445 χ^2/NDF: 7464189.5/50

In: 2209.166+/-0.306 χ^2/NDF:4893223.5/46

Out: 2214.309+/-0.297 χ^2/NDF:6441490.7/51

All: 2211.817+/-0.213 χ^2/NDF: 11334859.7/9

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 36.195+/-39.506 χ^2/NDF: 15.5/23

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 57.645+/-36.454 χ^2/NDF: 27.1/26

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

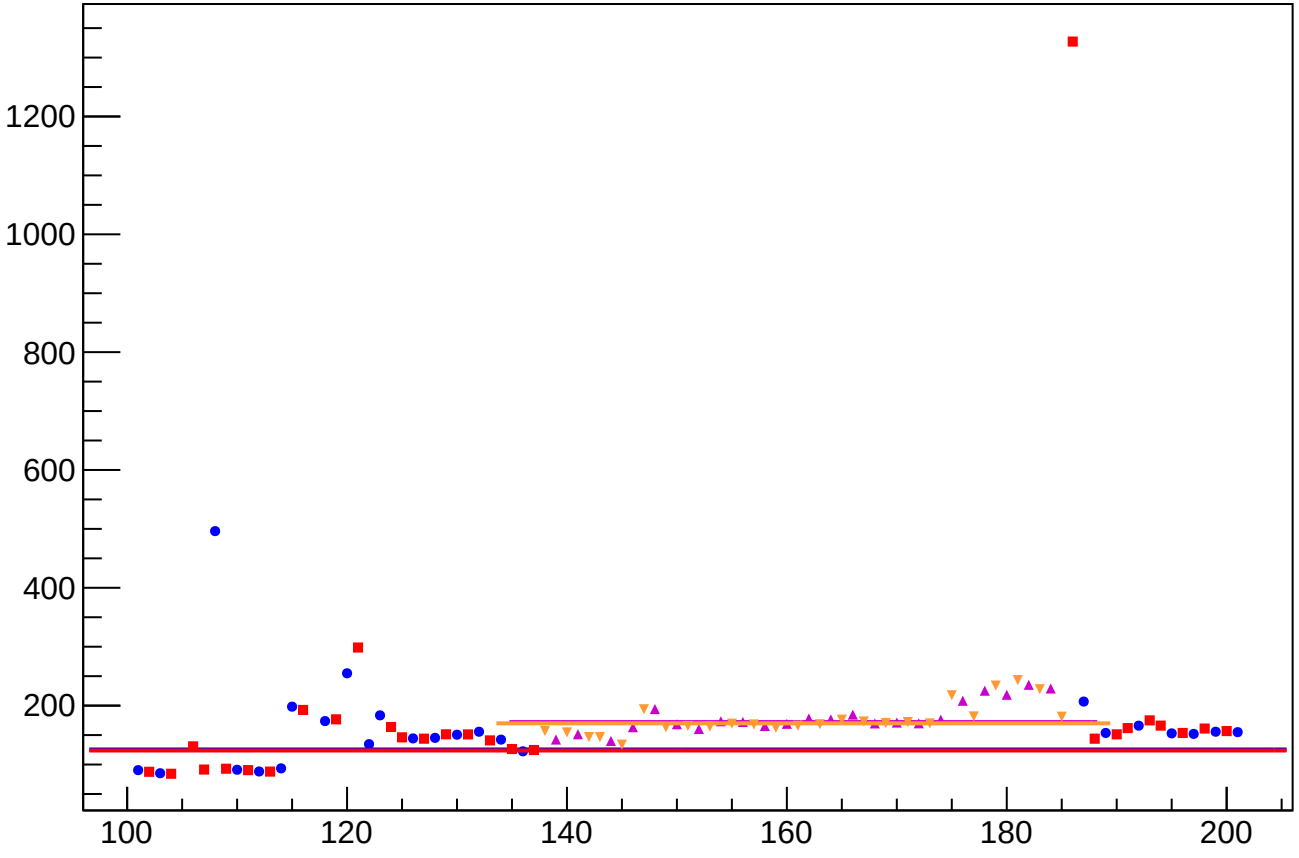
Right: 47.781+/-26.791 χ^2/NDF: 42.8/50

In: 110.960+/-28.576 χ^2/NDF:44.1/46

Out: 114.018+/-26.974 χ^2/NDF:59.4/51

All: 112.577+/-19.616 χ^2/NDF: 103.5/98

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 125.555+/-0.028 χ^2/NDF: 1884413.9/23

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 123.830+/-0.026 χ^2/NDF: 2552074.3/26

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

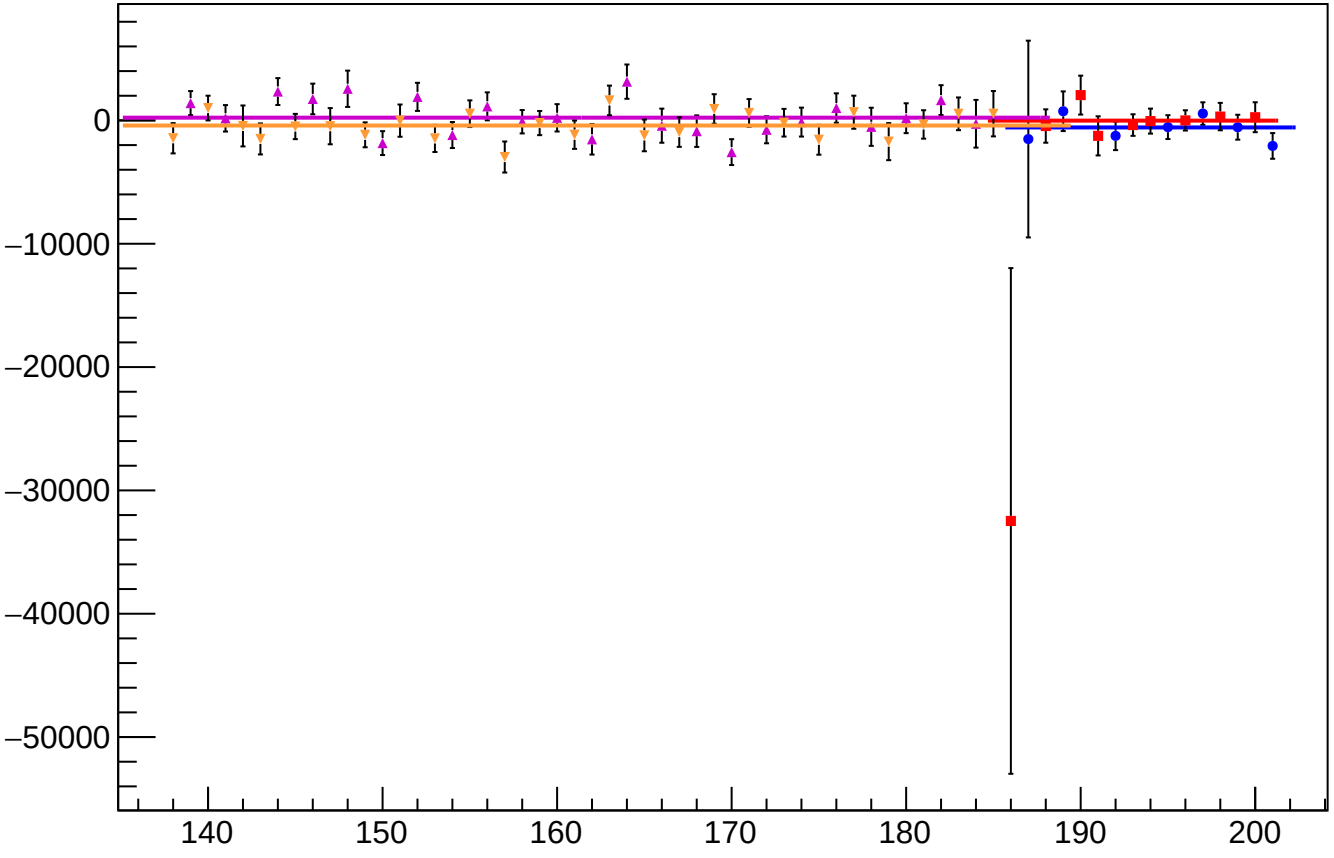
Right: 124.623+/-0.019 χ^2/NDF: 4438546.3/50

In: 147.730+/-0.020 χ^2/NDF:3795863.7/46

Out: 144.677+/-0.019 χ^2/NDF:4660890.6/51

All: 146.116+/-0.014 χ^2/NDF: 8468826.4/98

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -569.251+/-433.393 χ^2/NDF: 4.6/6

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -16.707+/-389.330 χ^2/NDF: 5.2/8

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

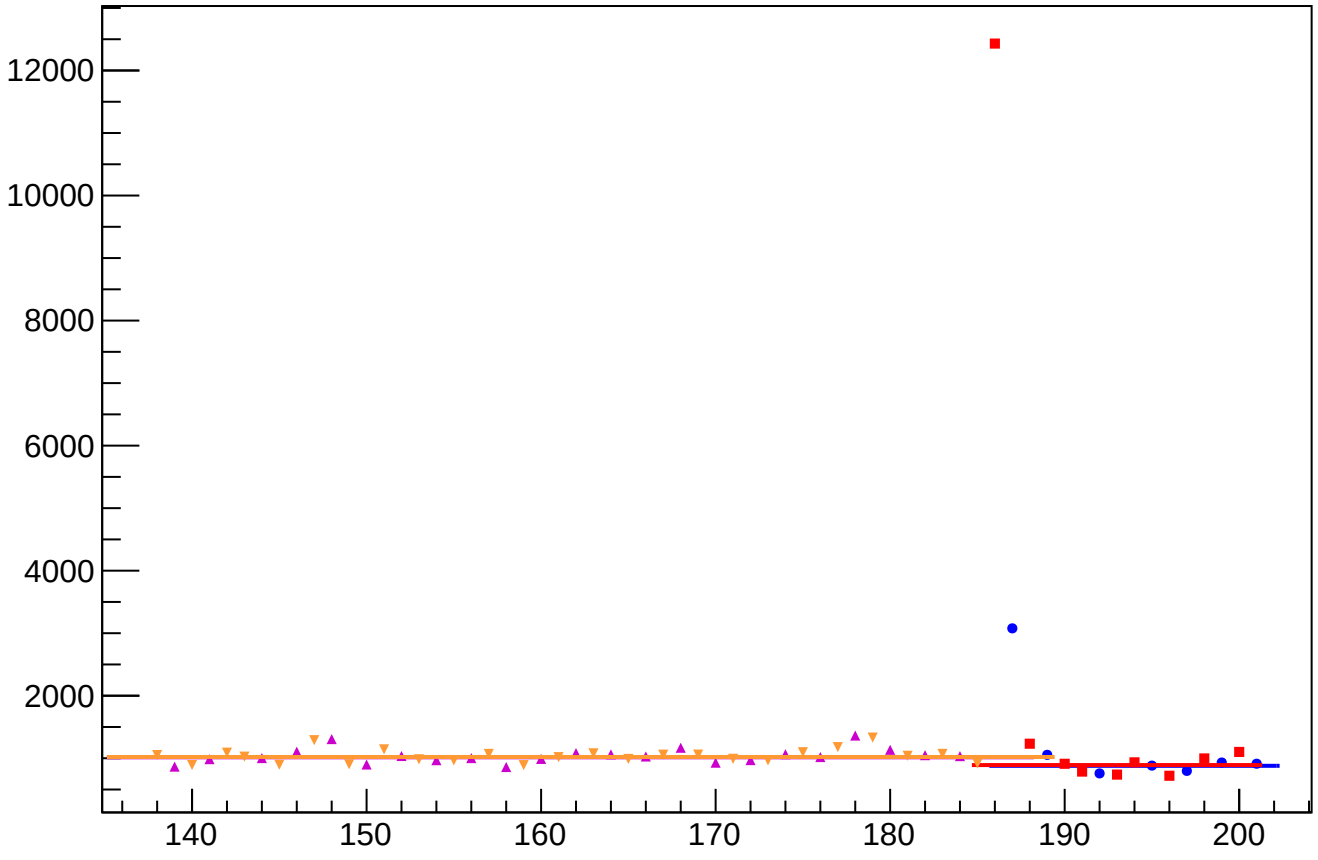
Right: -263.471+/-289.627 χ^2/NDF: 10.8/15

In: 32.844+/-212.468 χ^2/NDF:43.2/29

Out: -303.550+/-204.473 χ^2/NDF:25.0/33

All: -141.801+/-147.329 χ^2/NDF: 69.5/63

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 879.084+/-0.306 χ^2/NDF: 221155.5/6

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 890.793+/-0.275 χ^2/NDF: 999099.4/8

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

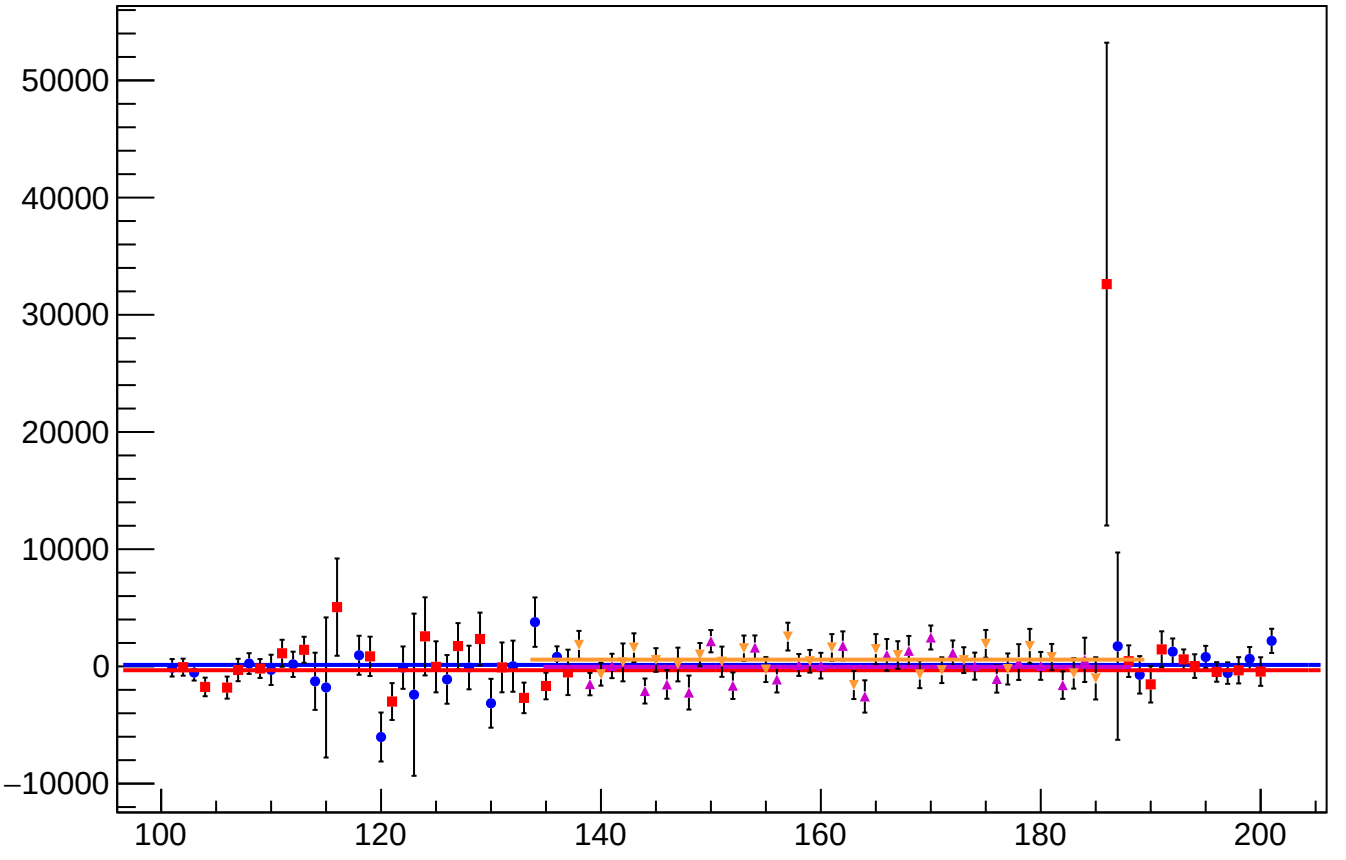
Right: 885.564+/-0.205 χ^2/NDF: 1221062.9/15

In: 982.334+/-0.150 χ^2/NDF:775447.6/29

Out: 984.469+/-0.145 χ^2/NDF:1528851.4/33

All: 983.442+/-0.104 χ^2/NDF: 2304403.9/63

asym_sam5_mean vs Slug, Sign Corrected



Right In: 128.143+/-252.769 χ^2/NDF: 23.7/23

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -326.769+/-230.072 χ^2/NDF: 29.1/26

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

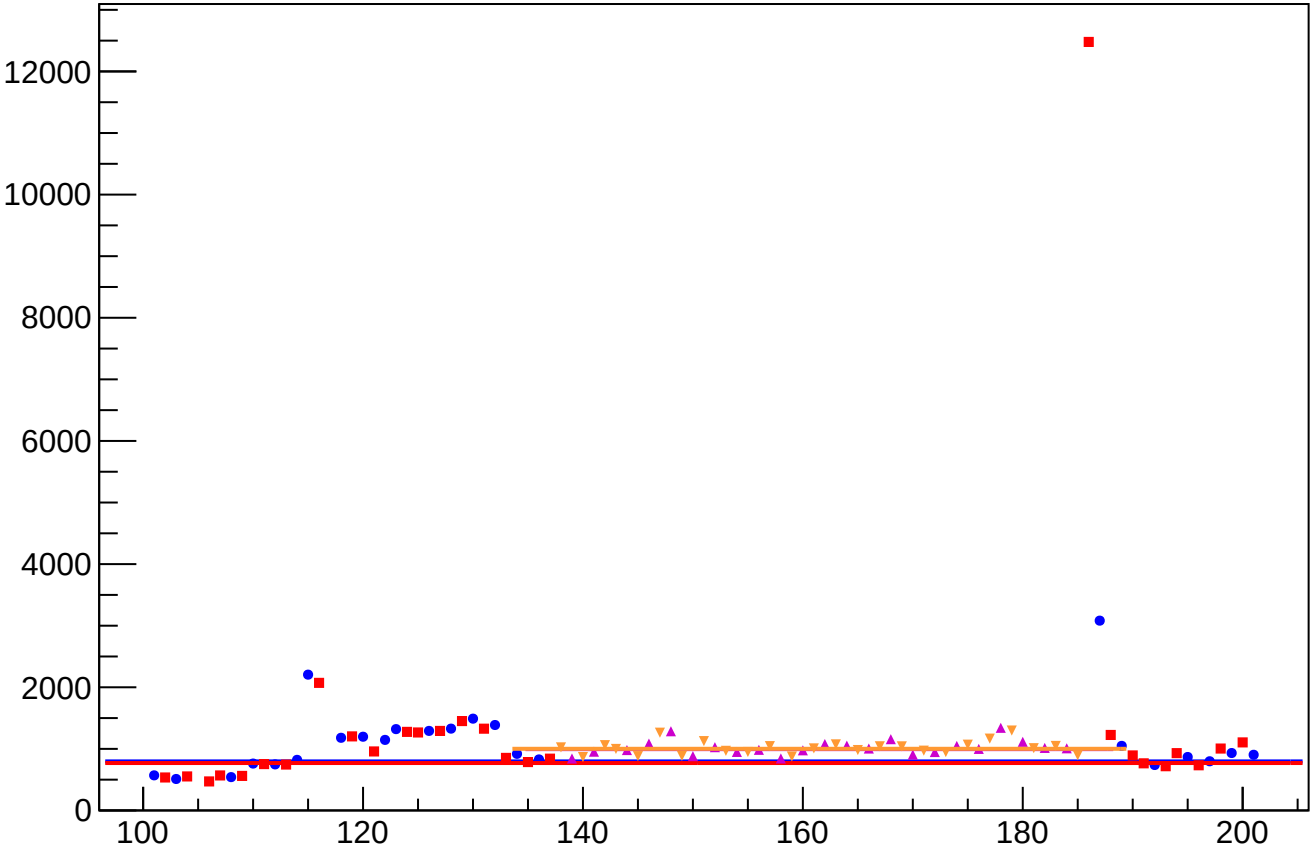
Right: -120.650+/-170.145 χ^2/NDF: 54.6/50

In: 38.200+/-173.769 χ^2/NDF:61.8/46

Out: 115.995+/-164.599 χ^2/NDF:55.1/51

All: 79.205+/-119.499 χ^2/NDF: 117.0/98

asym_sam5_rms vs Slug, Sign Corrected



Right In: 796.469+/-0.179 χ^2/NDF: 2031390.3/23

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 770.045+/-0.163 χ^2/NDF: 2956754.9/26

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

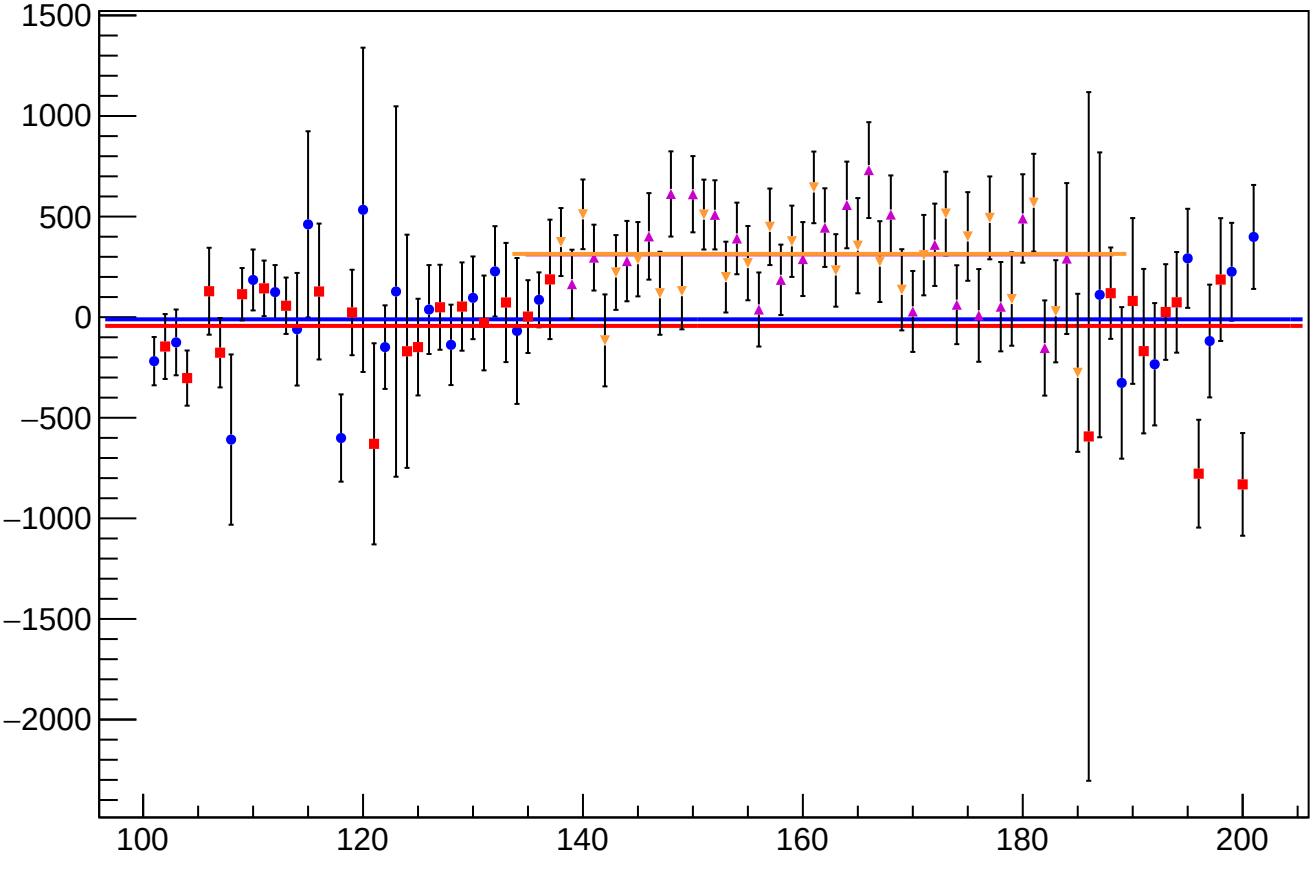
Right: 782.018+/-0.120 χ^2/NDF: 5000099.0/50

In: 901.485+/-0.123 χ^2/NDF:3110387.9/46

Out: 882.903+/-0.116 χ^2/NDF:4312859.9/51

All: 891.691+/-0.084 χ^2/NDF: 7435302.3/98

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -10.735+/-44.398 χ^2/NDF: 26.3/23

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -43.414+/-41.381 χ^2/NDF: 30.9/26

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

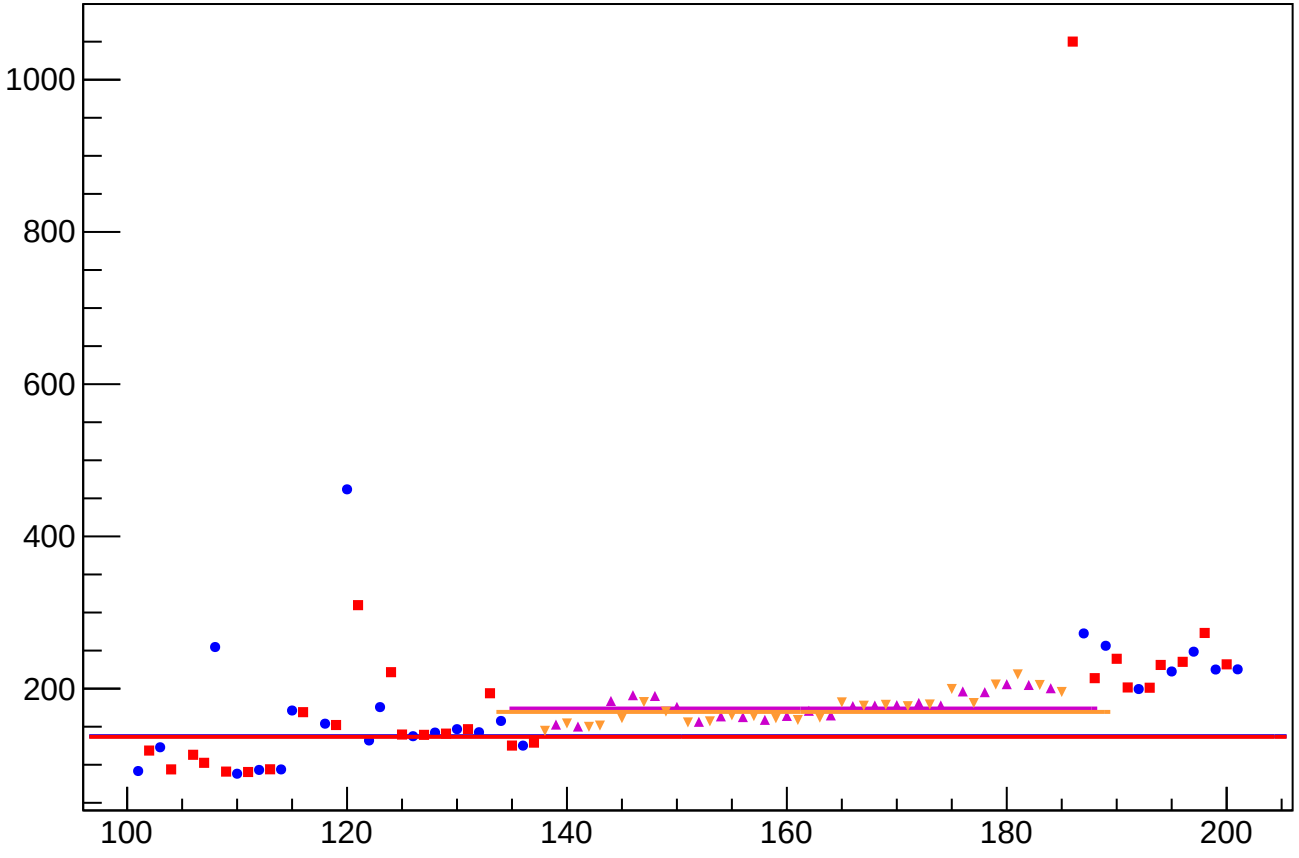
Right: -28.222+/-30.271 χ^2/NDF: 57.5/50

In: 160.998+/-30.374 χ^2/NDF:81.4/46

Out: 142.439+/-28.692 χ^2/NDF:91.1/51

All: 151.190+/-20.858 χ^2/NDF: 172.7/98

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 137.536+/-0.031 χ^2/NDF: 2715602.3/23

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 136.696+/-0.029 χ^2/NDF: 3733167.5/26

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

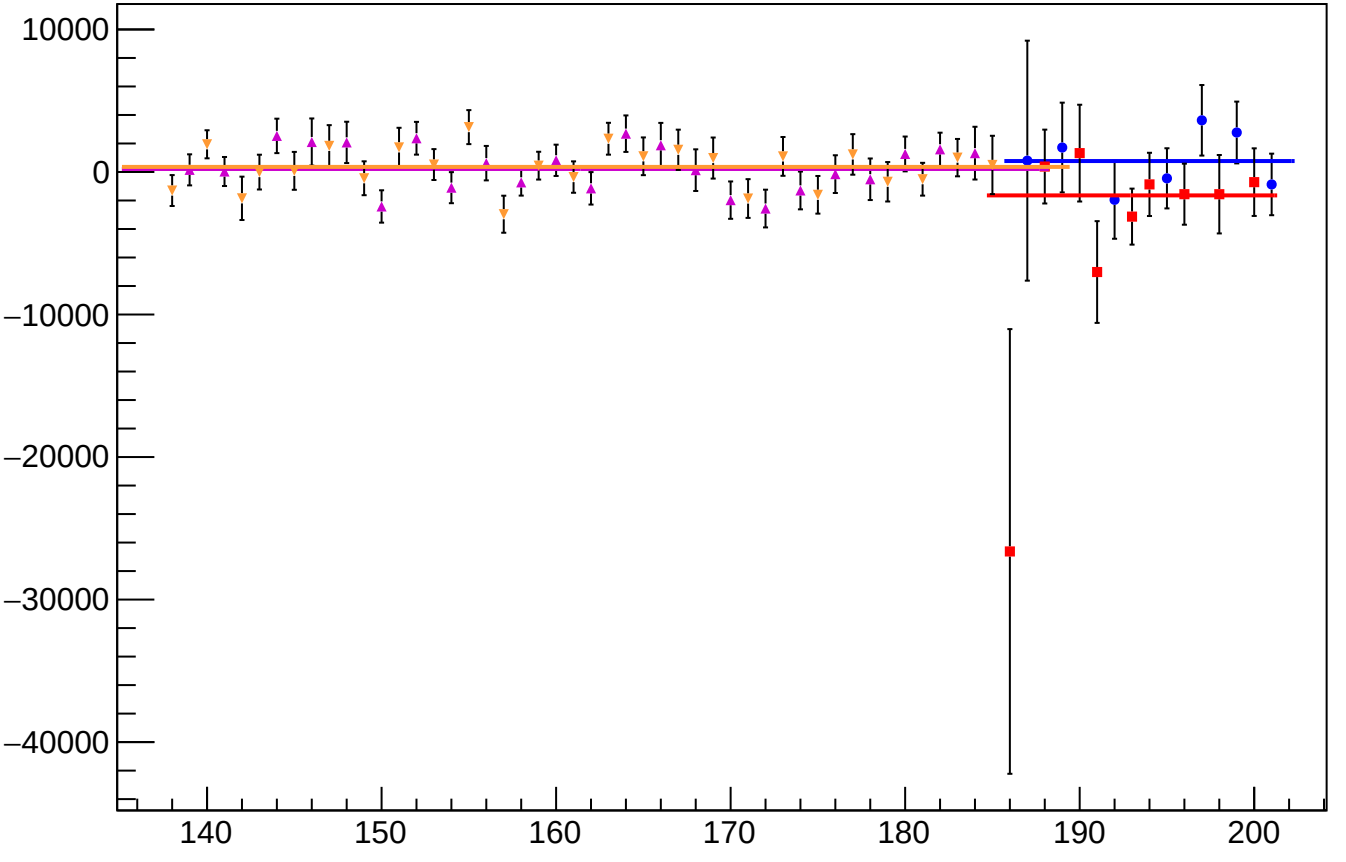
Right: 137.087+/-0.021 χ^2/NDF: 6449152.8/50

In: 156.852+/-0.021 χ^2/NDF:3718942.7/46

Out: 153.694+/-0.020 χ^2/NDF:4769513.3/51

All: 155.183+/-0.015 χ^2/NDF: 8499881.1/98

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 767.809+/-969.398 χ^2/NDF: 4.2/6

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -1642.380+/-874.229 χ^2/NDF: 7.1/8

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

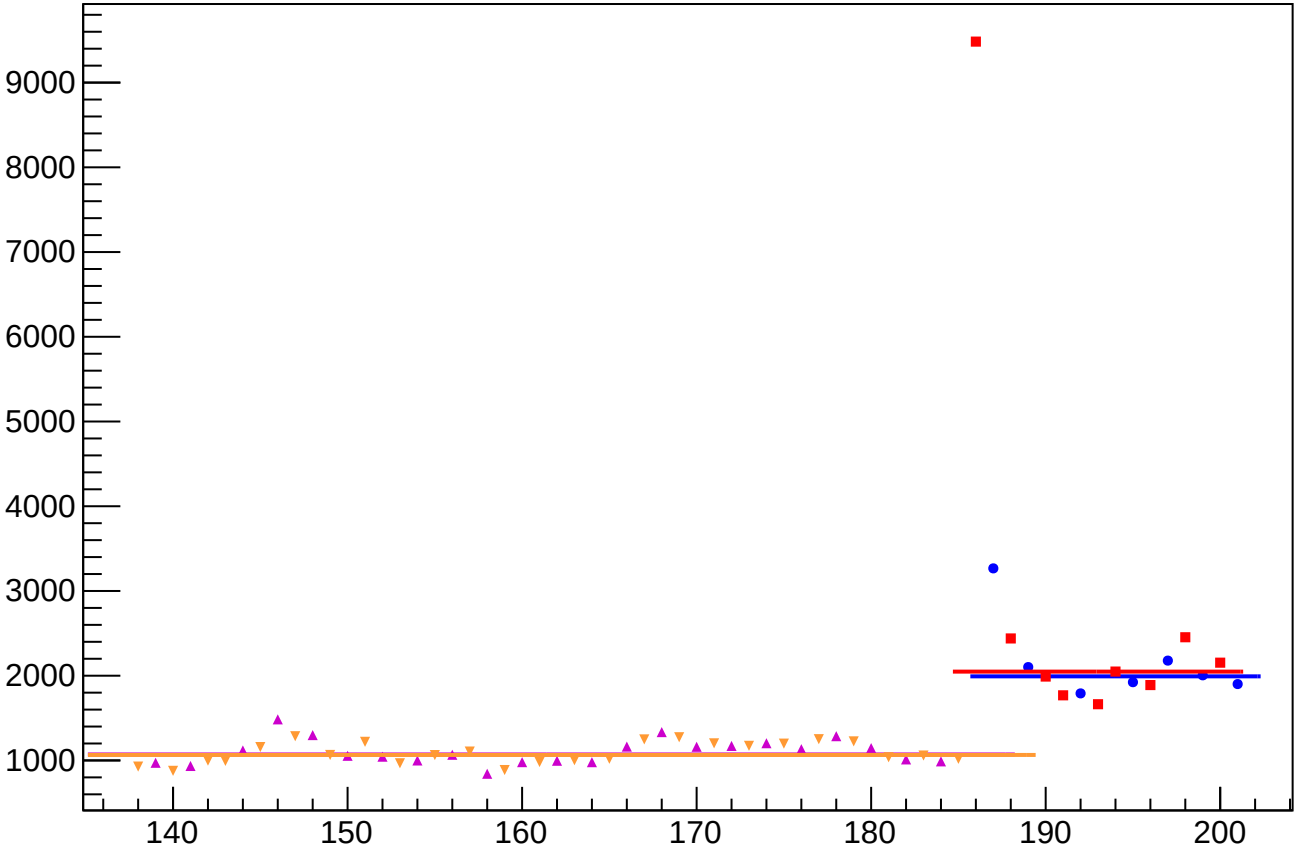
Right: -561.371+/-649.219 χ^2/NDF: 14.6/15

In: 248.608+/-248.764 χ^2/NDF:40.5/29

Out: 204.453+/-241.195 χ^2/NDF:45.2/33

All: 225.848+/-173.165 χ^2/NDF: 85.8/63

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 1992.413+/-0.685 χ^2/NDF: 76093.6/6

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 2048.303+/-0.618 χ^2/NDF: 647965.7/8

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

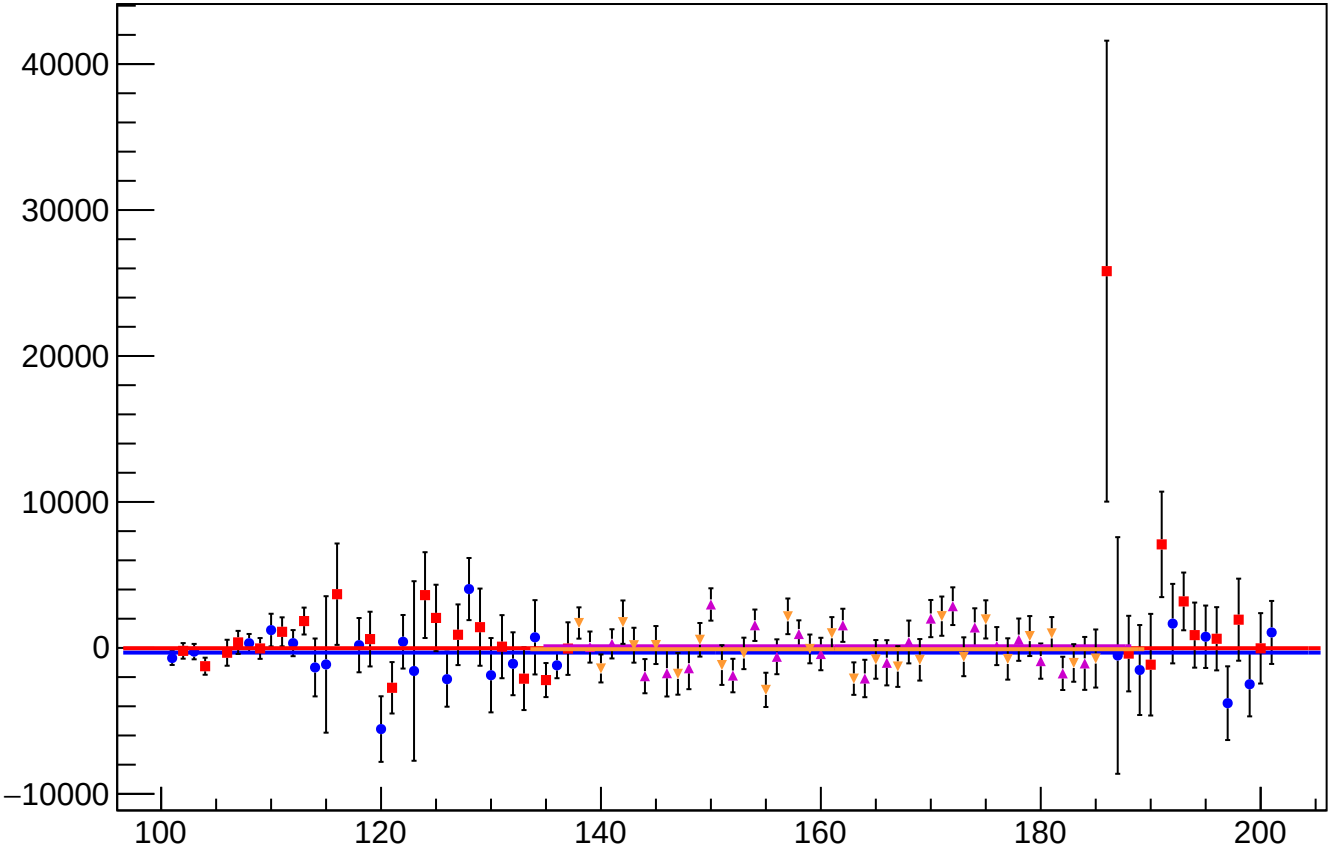
Right: 2023.235+/-0.459 χ^2/NDF: 727725.6/15

In: 1131.391+/-0.176 χ^2/NDF:2335534.6/29

Out: 1139.725+/-0.171 χ^2/NDF:3479813.6/33

All: 1135.687+/-0.122 χ^2/NDF: 5816505.3/63

asym_sam6_mean vs Slug, Sign Corrected



Right In: -320.900+/-242.205 χ^2/NDF: 21.1/23

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -21.372+/-238.517 χ^2/NDF: 31.3/26

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

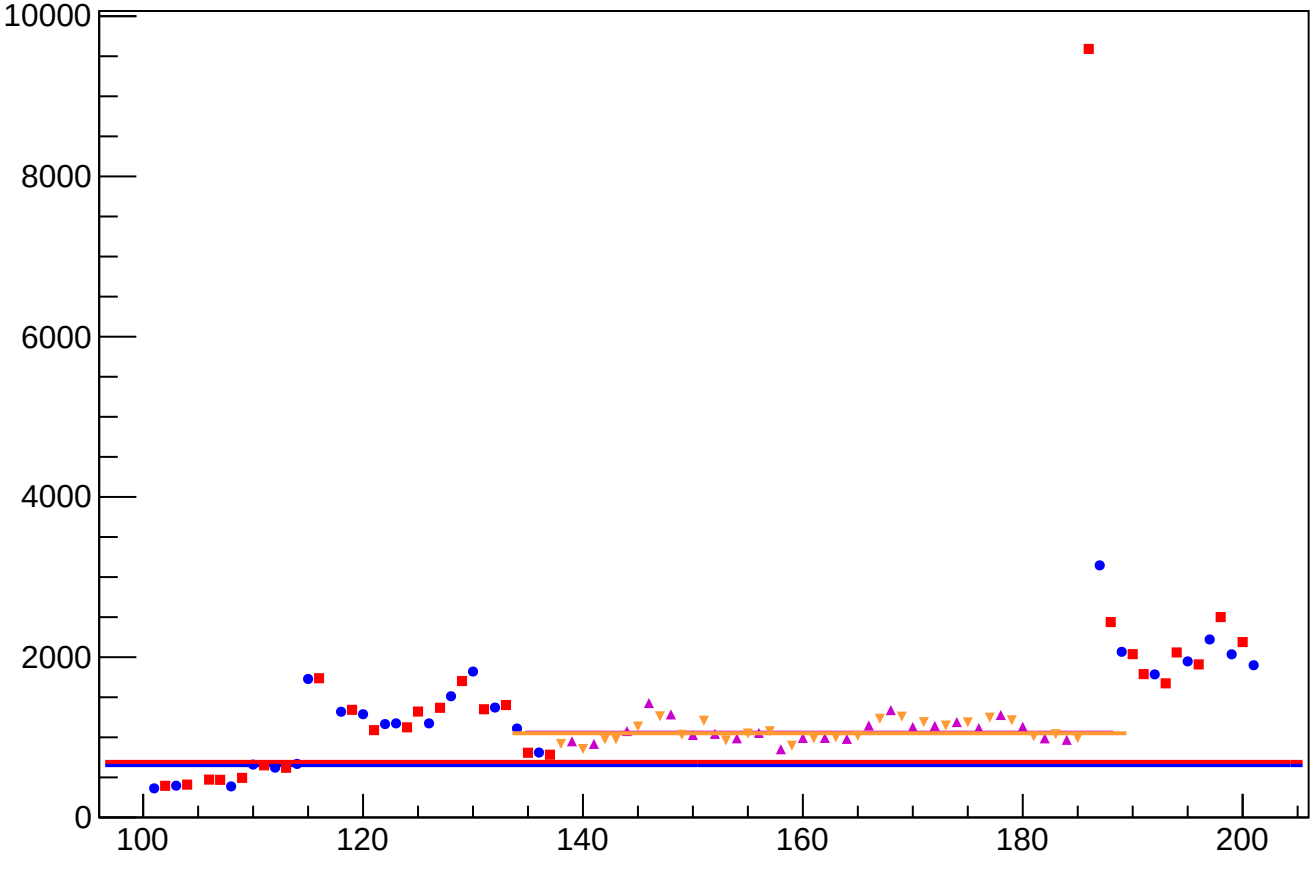
Right: -168.838+/-169.946 χ^2/NDF: 53.1/50

In: -115.554+/-175.397 χ^2/NDF:57.7/46

Out: -54.272+/-171.668 χ^2/NDF:62.3/51

All: -84.255+/-122.685 χ^2/NDF: 120.0/98

asym_sam6_rms vs Slug, Sign Corrected



Right In: 652.894+/-0.171 χ^2/NDF: 7432325.7/23

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 693.601+/-0.169 χ^2/NDF: 8694479.9/26

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

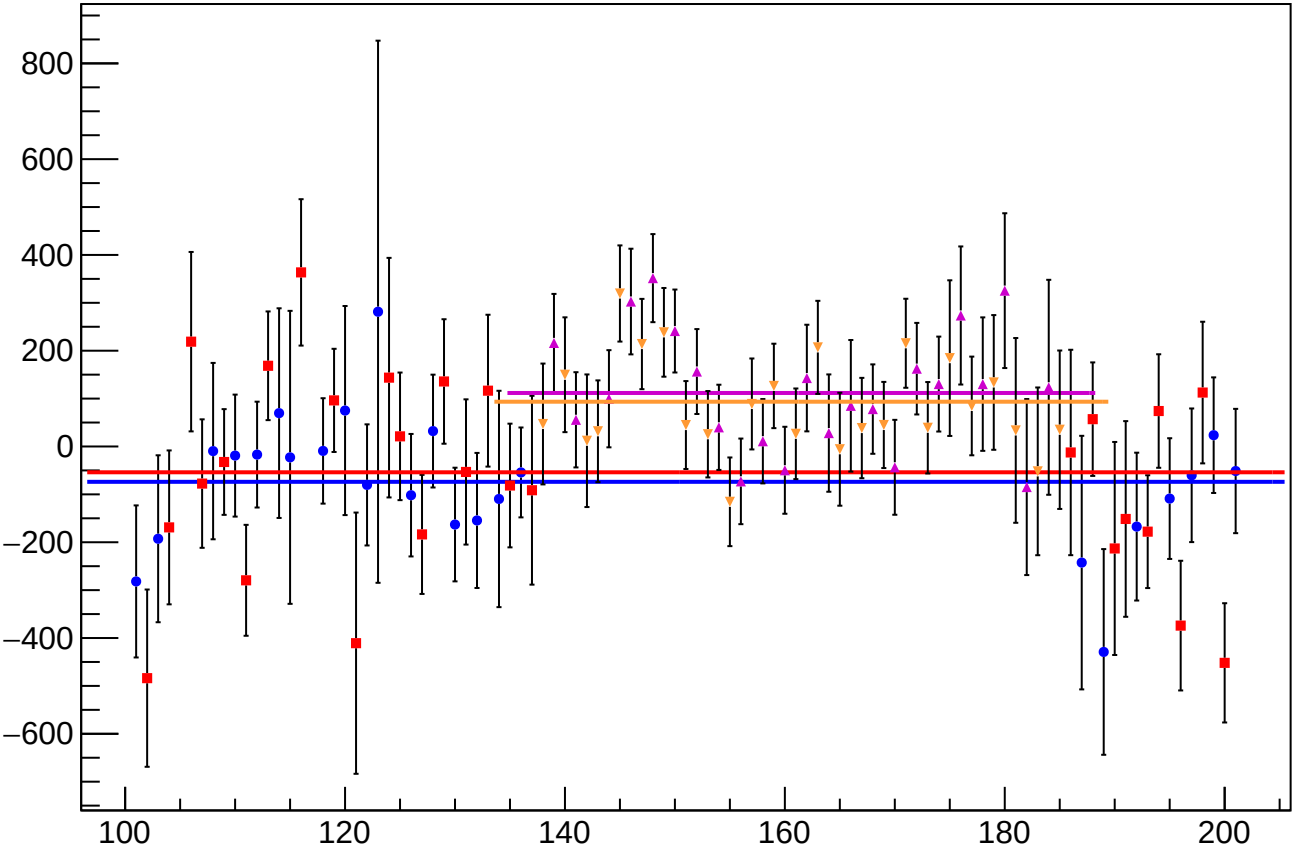
Right: 673.560+/-0.120 χ^2/NDF: 16155486.9/50

In: 845.627+/-0.124 χ^2/NDF:10627494.5/46

Out: 865.823+/-0.121 χ^2/NDF:11341342.4/51

All: 855.942+/-0.087 χ^2/NDF: 21982379.1/98

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -73.804+/-29.436 χ^2/NDF: 10.5/23

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -53.901+/-27.330 χ^2/NDF: 53.2/26

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

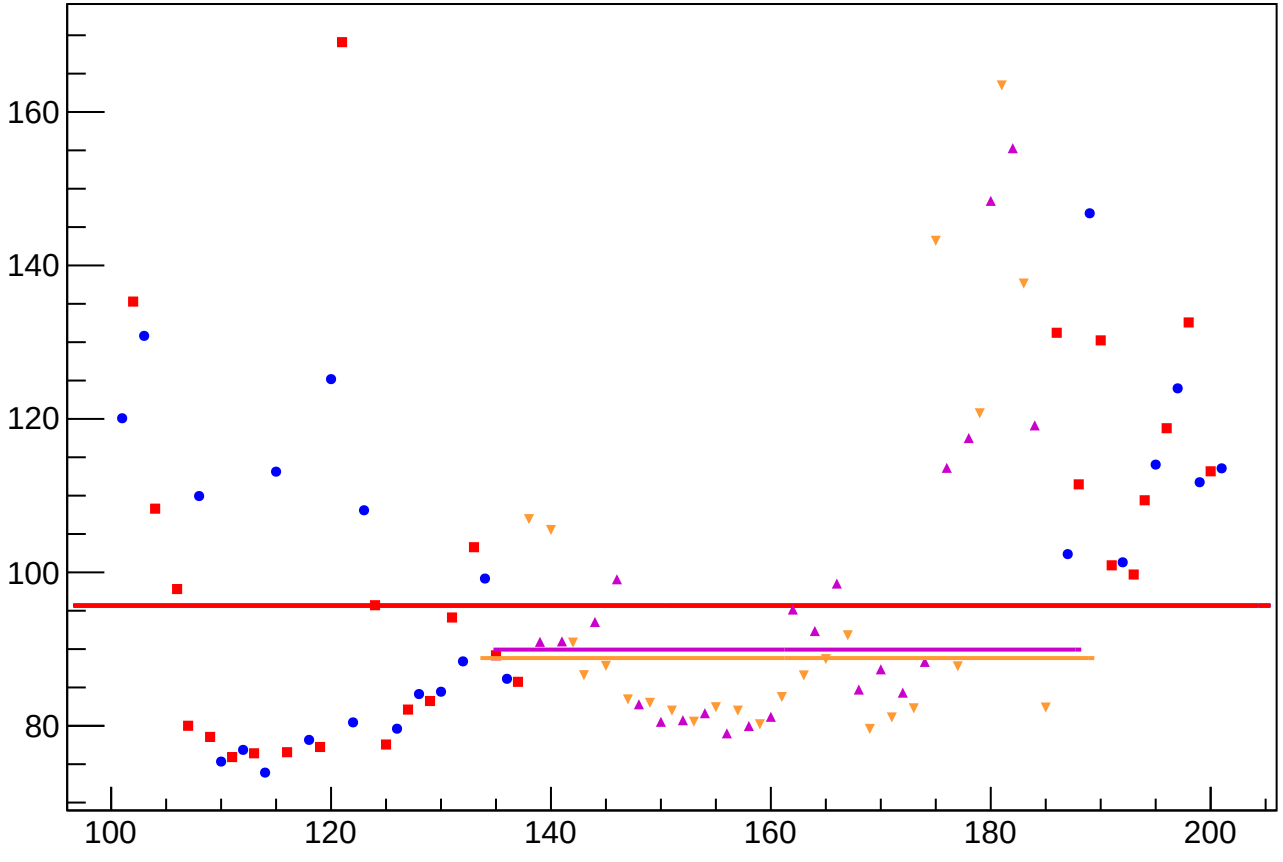
Right: -63.115+/-20.028 χ^2/NDF: 64.0/50

In: 45.350+/-17.607 χ^2/NDF:66.7/46

Out: 37.848+/-16.793 χ^2/NDF:94.1/51

All: 41.421+/-12.152 χ^2/NDF: 160.9/98

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 95.649+/-0.021 χ^2/NDF: 803477.8/23

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 95.726+/-0.019 χ^2/NDF: 1015566.9/26

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

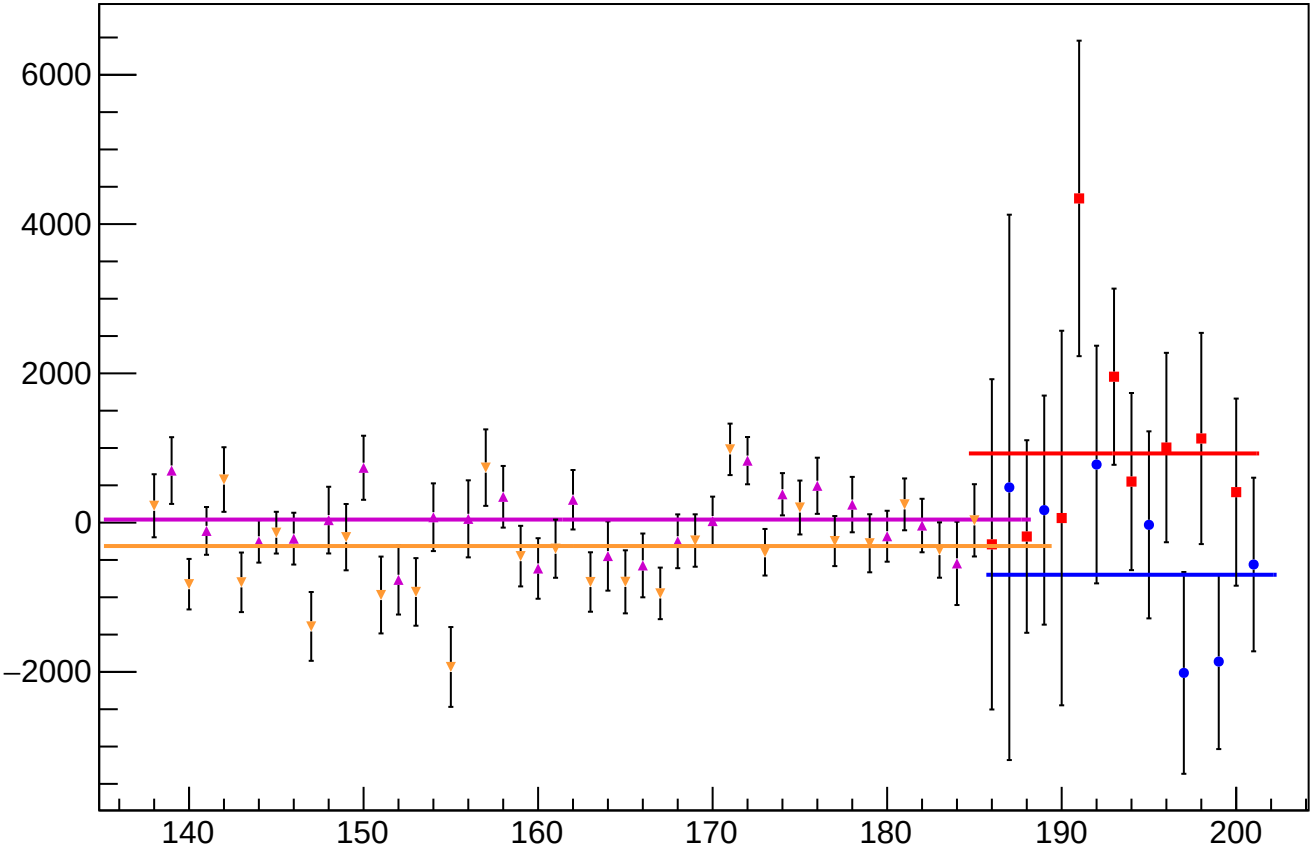
Right: 95.690+/-0.014 χ^2/NDF: 1819051.9/50

In: 91.979+/-0.012 χ^2/NDF:1726029.4/46

Out: 91.433+/-0.012 χ^2/NDF:2095476.6/51

All: 91.693+/-0.009 χ^2/NDF: 3822512.1/98

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -698.271+/-531.146 χ^2/NDF: 3.5/6

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 927.024+/-478.215 χ^2/NDF: 4.8/8

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

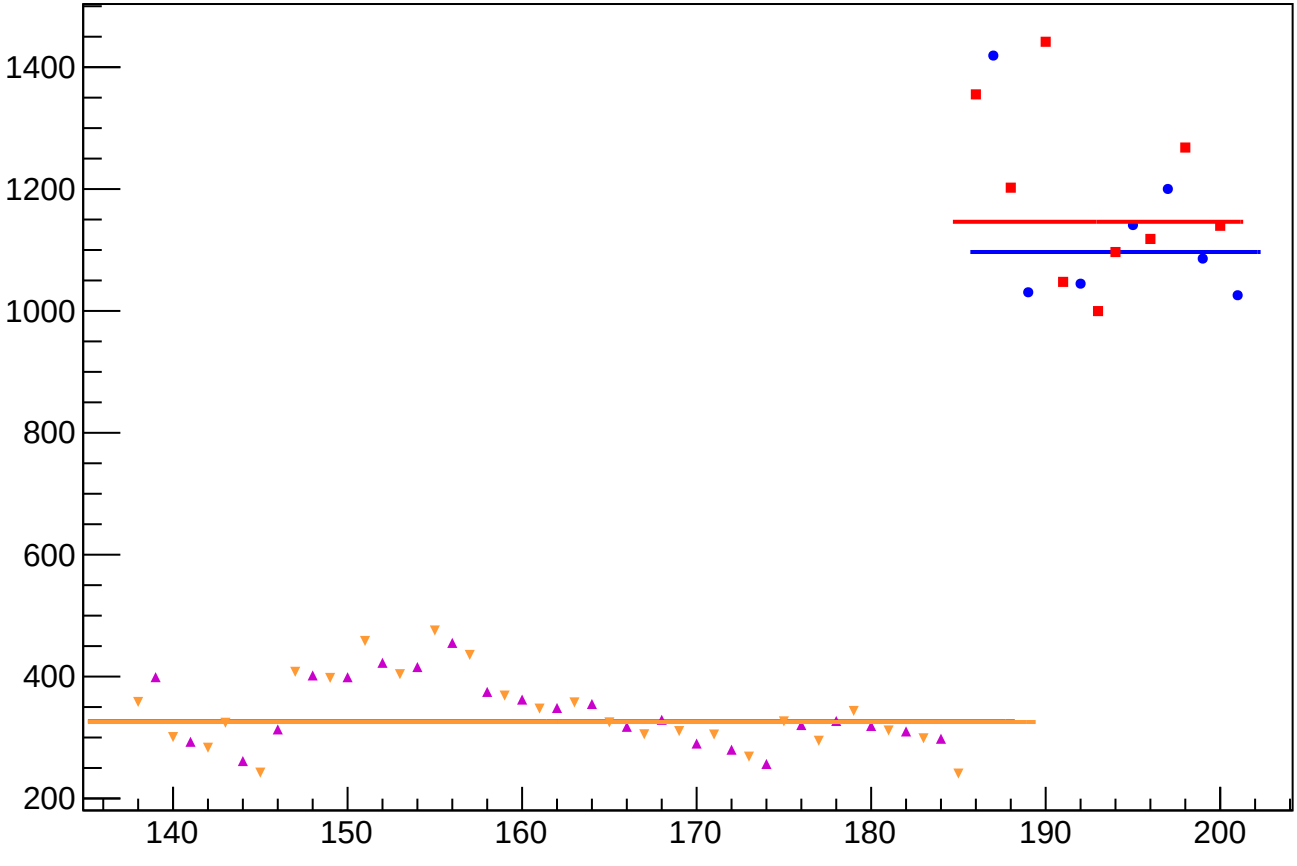
Right: 199.373+/-355.393 χ^2/NDF: 13.5/15

In: 25.294+/-78.003 χ^2/NDF:33.4/29

Out: -281.833+/-76.343 χ^2/NDF:69.5/33

All: -131.572+/-54.560 χ^2/NDF: 110.8/63

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 1096.720+/-0.376 χ^2/NDF: 43226.8/6

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1146.293+/-0.338 χ^2/NDF: 103898.2/8

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

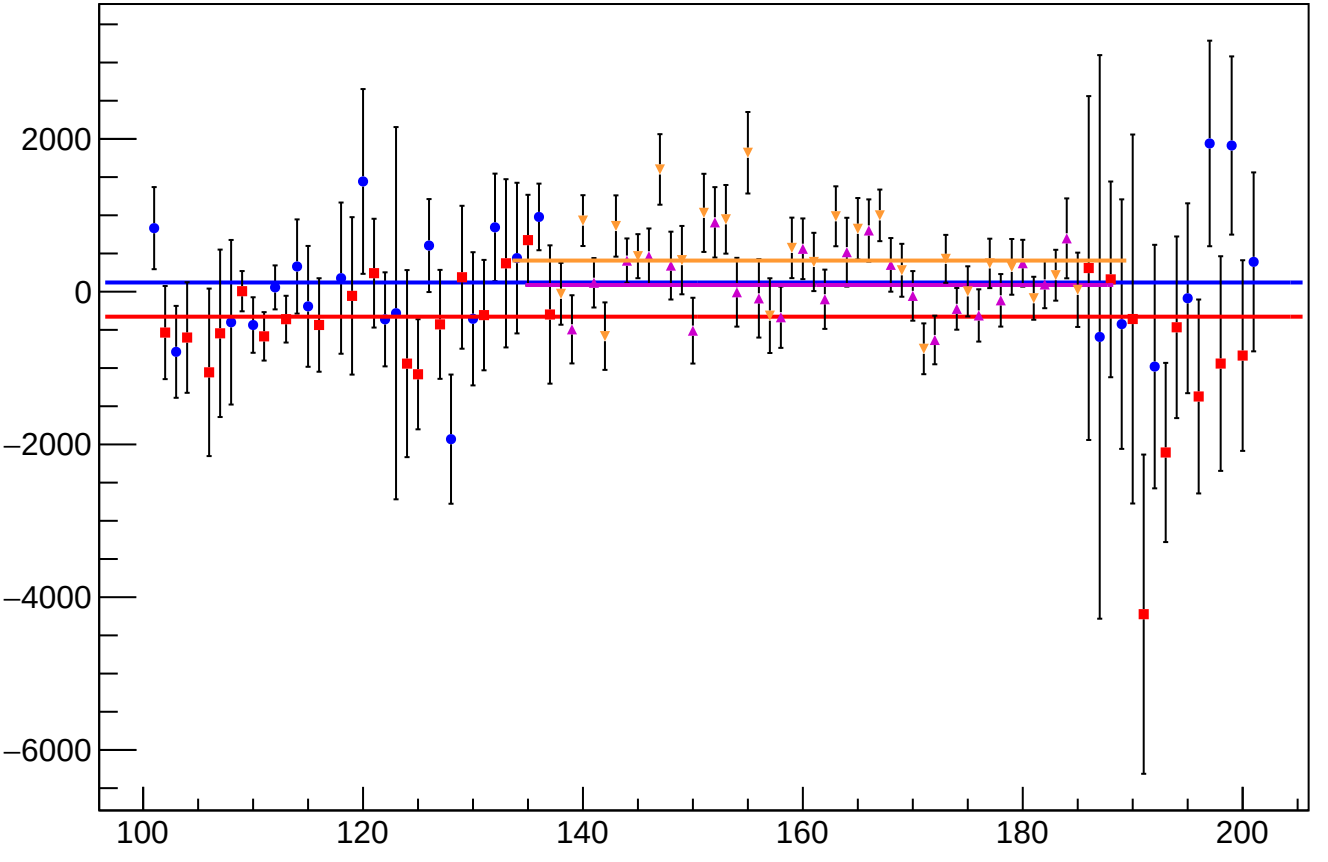
Right: 1124.099+/-0.251 χ^2/NDF: 156747.1/15

In: 343.127+/-0.055 χ^2/NDF:4999142.3/29

Out: 346.352+/-0.054 χ^2/NDF:6847511.7/33

All: 344.774+/-0.039 χ^2/NDF: 11848399.4/63

asym_sam7_mean vs Slug, Sign Corrected



Right In: 120.298+/-137.776 χ^2/NDF: 25.5/23

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -327.365+/-125.222 χ^2/NDF: 15.7/26

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

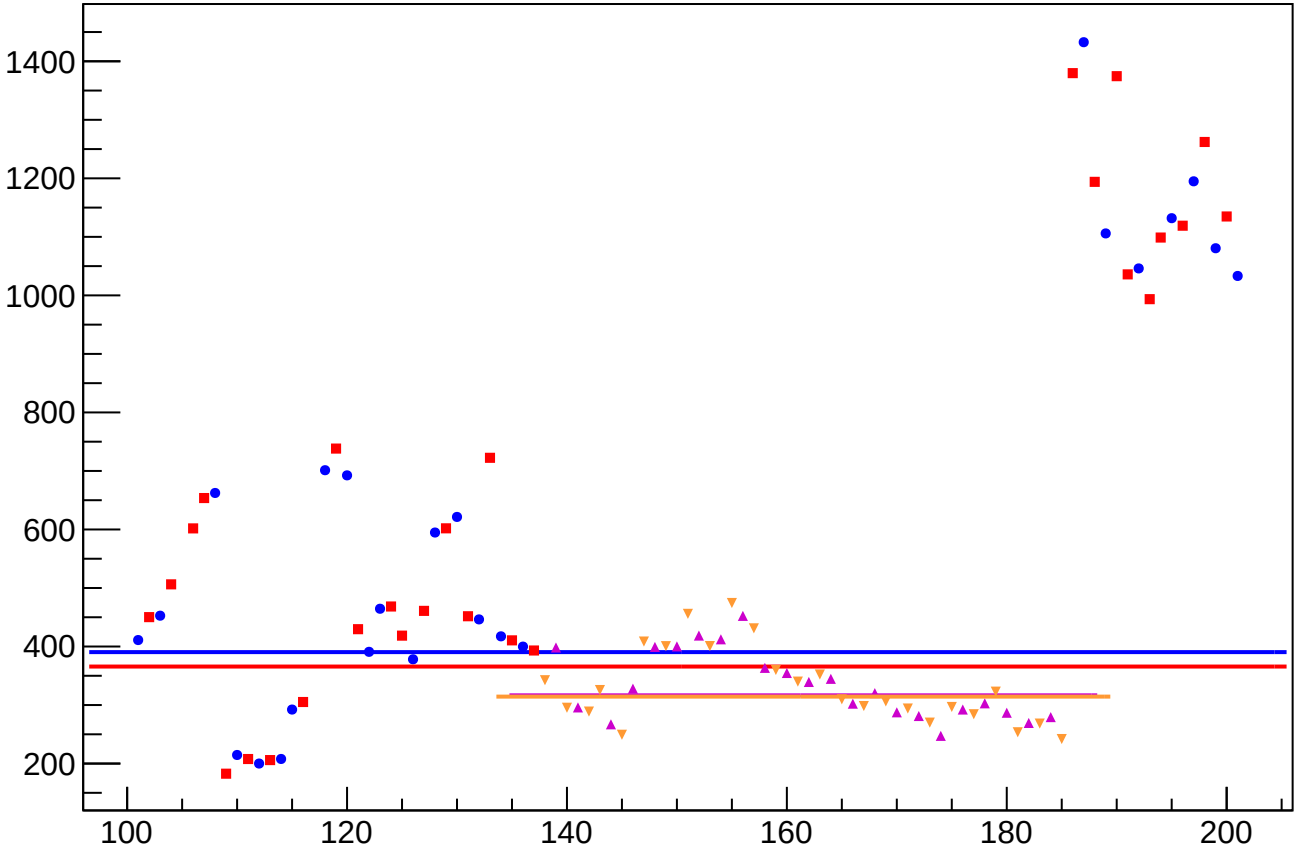
Right: -124.853+/-92.666 χ^2/NDF: 47.0/50

In: 95.360+/-66.930 χ^2/NDF:53.0/46

Out: 214.419+/-64.172 χ^2/NDF:94.1/51

All: 157.393+/-46.321 χ^2/NDF: 148.8/98

asym_sam7_rms vs Slug, Sign Corrected



Right In: 390.436+/-0.097 χ^2/NDF: 5906878.0/23

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 365.772+/-0.089 χ^2/NDF: 8494042.8/26

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

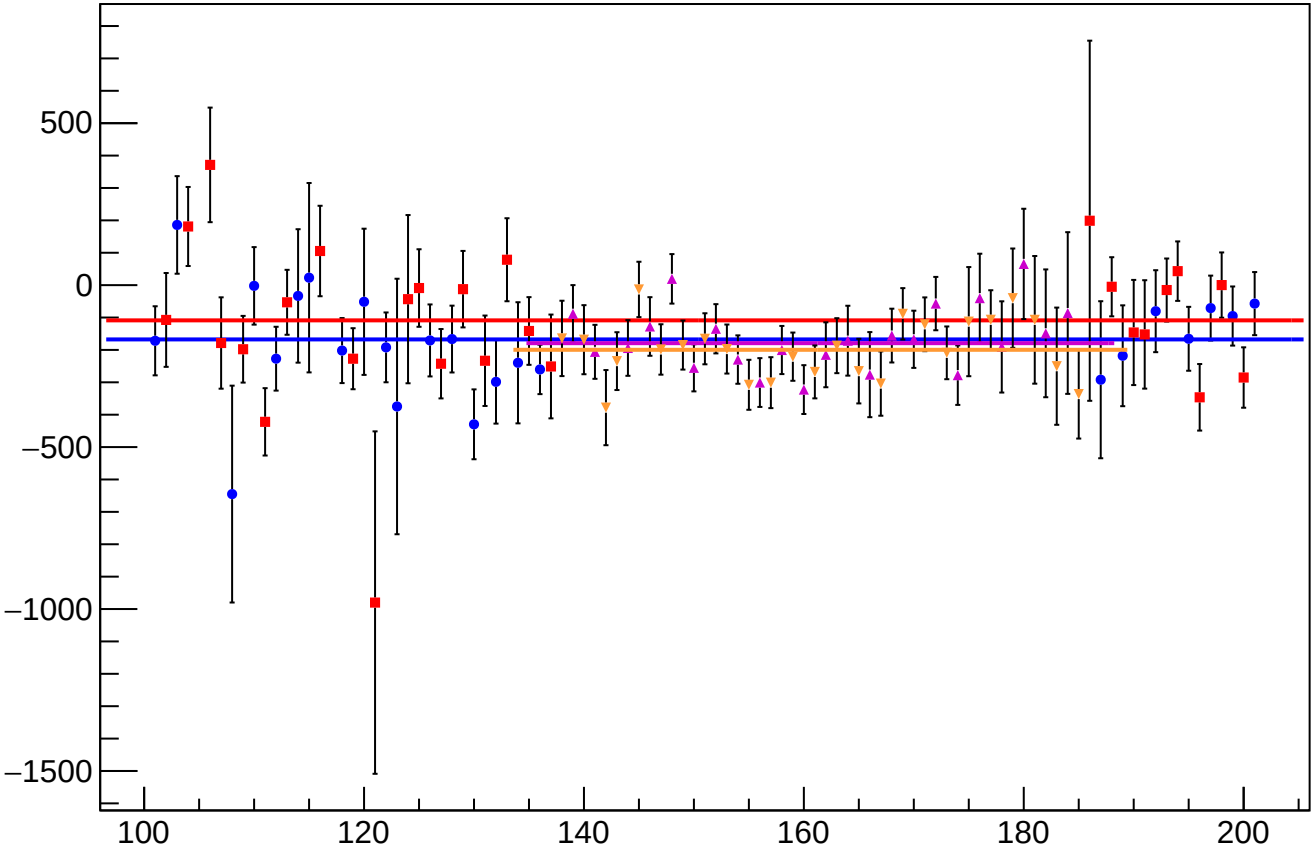
Right: 376.930+/-0.066 χ^2/NDF: 14436018.0/50

In: 334.037+/-0.047 χ^2/NDF:7275189.4/46

Out: 327.895+/-0.045 χ^2/NDF:9854453.0/51

All: 330.837+/-0.033 χ^2/NDF: 17138417.9/98

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -167.585+/-24.764 χ^2/NDF: 23.6/23

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -108.753+/-23.146 χ^2/NDF: 52.3/26

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

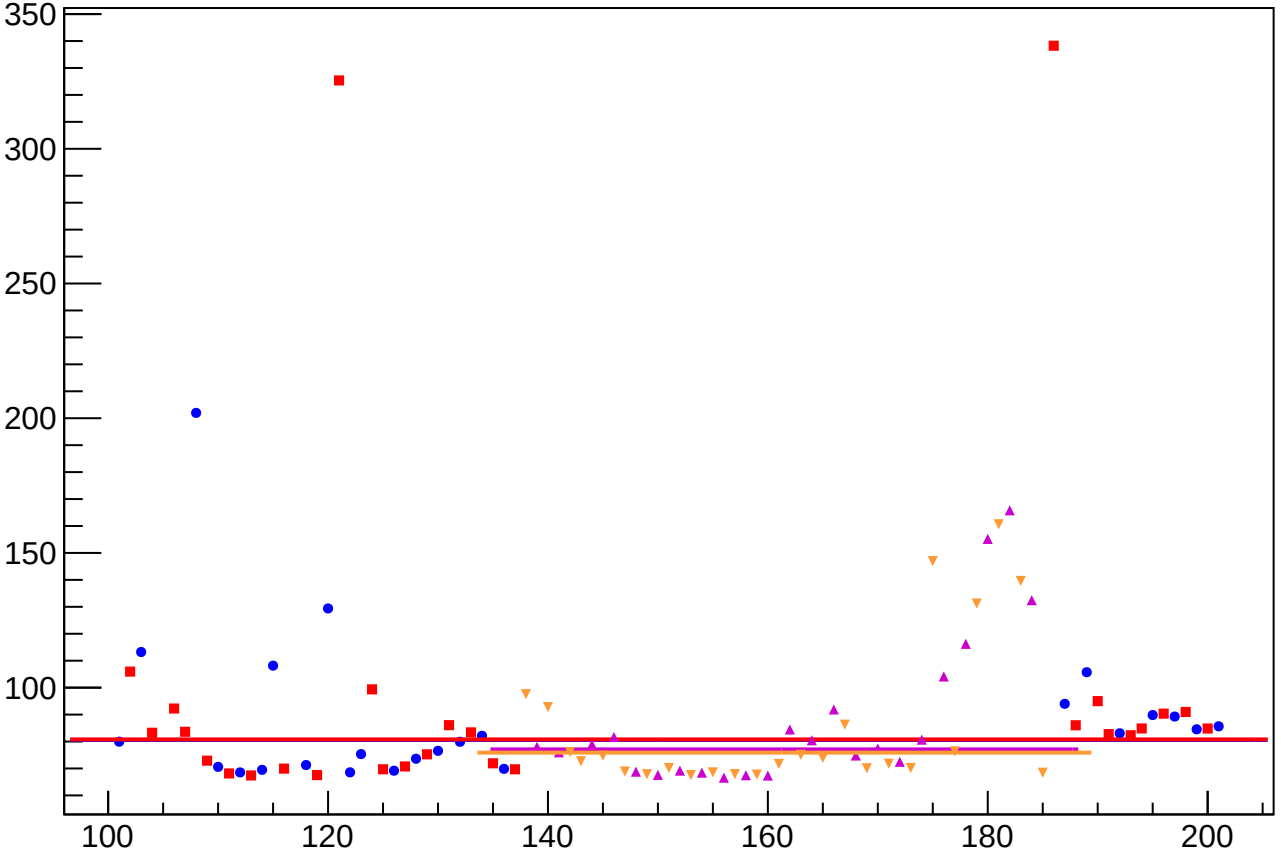
Right: -136.185+/-16.910 χ^2/NDF: 79.0/50

In: -174.835+/-15.130 χ^2/NDF:47.6/46

Out: -164.324+/-14.428 χ^2/NDF:81.9/51

All: -169.330+/-10.442 χ^2/NDF: 129.8/98

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 80.604+/-0.018 χ^2/NDF: 733910.3/23

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 80.768+/-0.016 χ^2/NDF: 1201185.2/26

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

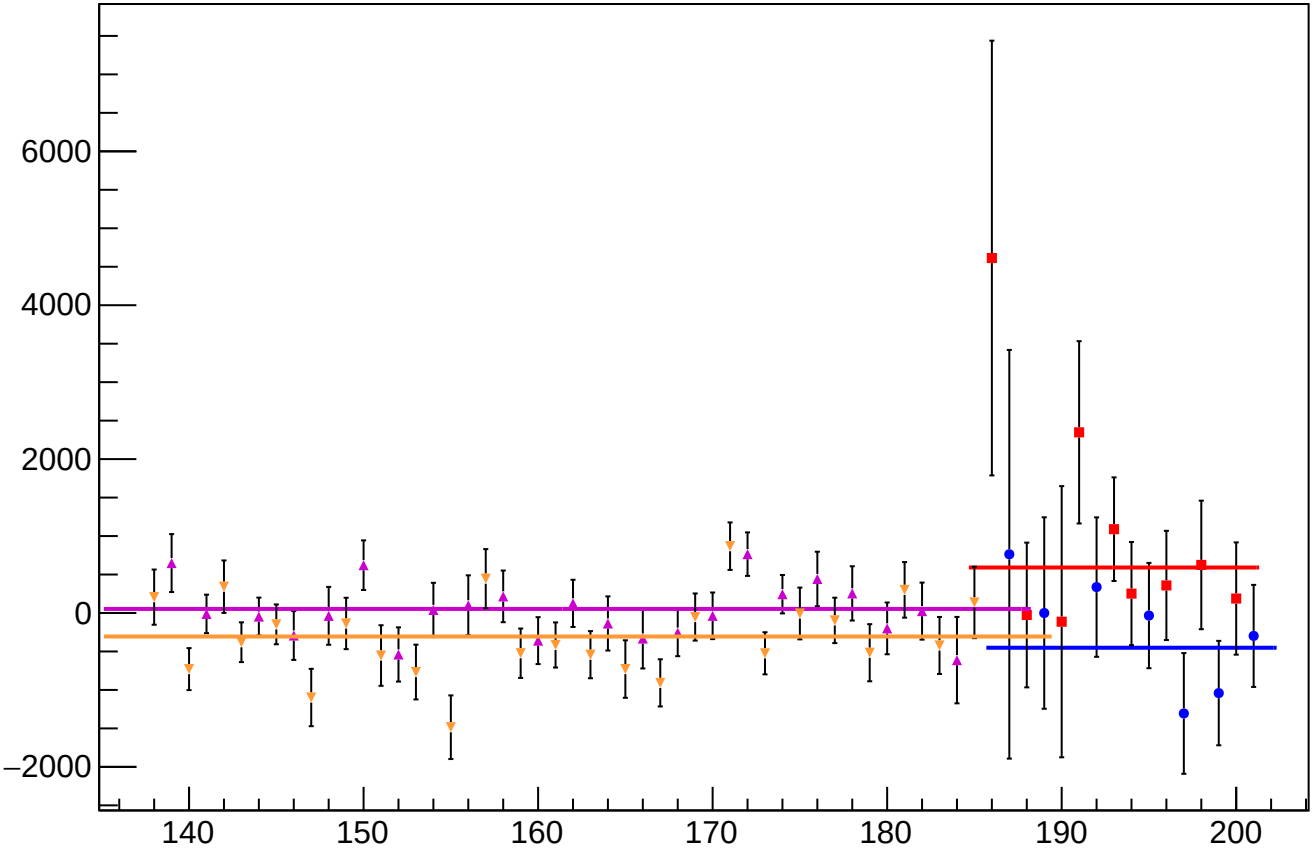
Right: 80.692+/-0.012 χ^2/NDF: 1935142.7/50

In: 78.395+/-0.011 χ^2/NDF:2182274.7/46

Out: 77.781+/-0.010 χ^2/NDF:2808157.5/51

All: 78.074+/-0.007 χ^2/NDF: 4992155.4/98

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -451.581+/-312.934 χ^2/NDF: 3.5/6

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 591.307+/-288.481 χ^2/NDF: 6.0/8

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

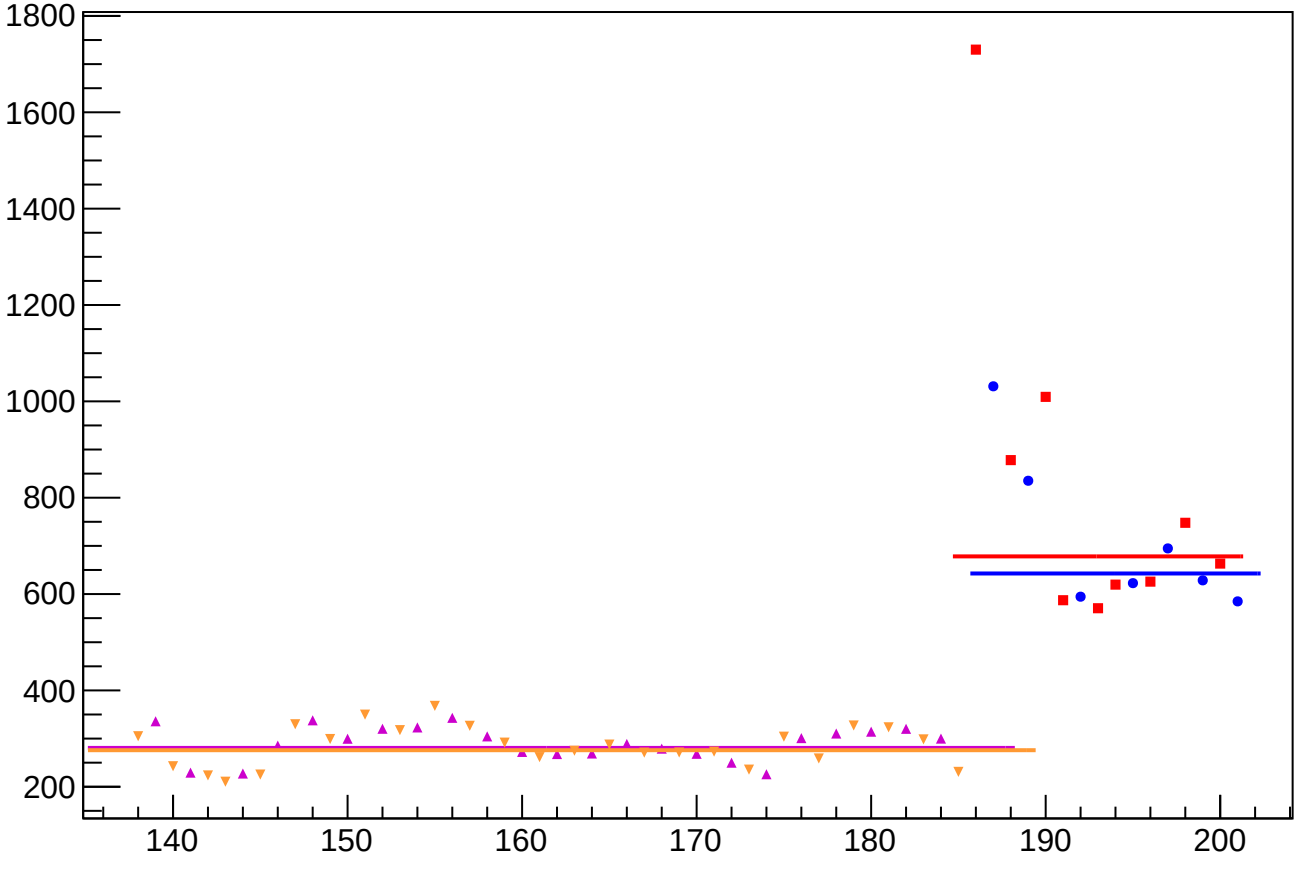
Right: 112.197+/-212.106 χ^2/NDF: 15.5/15

In: 30.312+/-66.019 χ^2/NDF:30.8/29

Out: -261.906+/-63.713 χ^2/NDF:70.1/33

All: -120.988+/-45.846 χ^2/NDF: 111.1/63

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 642.712+/-0.221 χ^2/NDF: 122972.7/6

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 678.182+/-0.204 χ^2/NDF: 541972.7/8

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

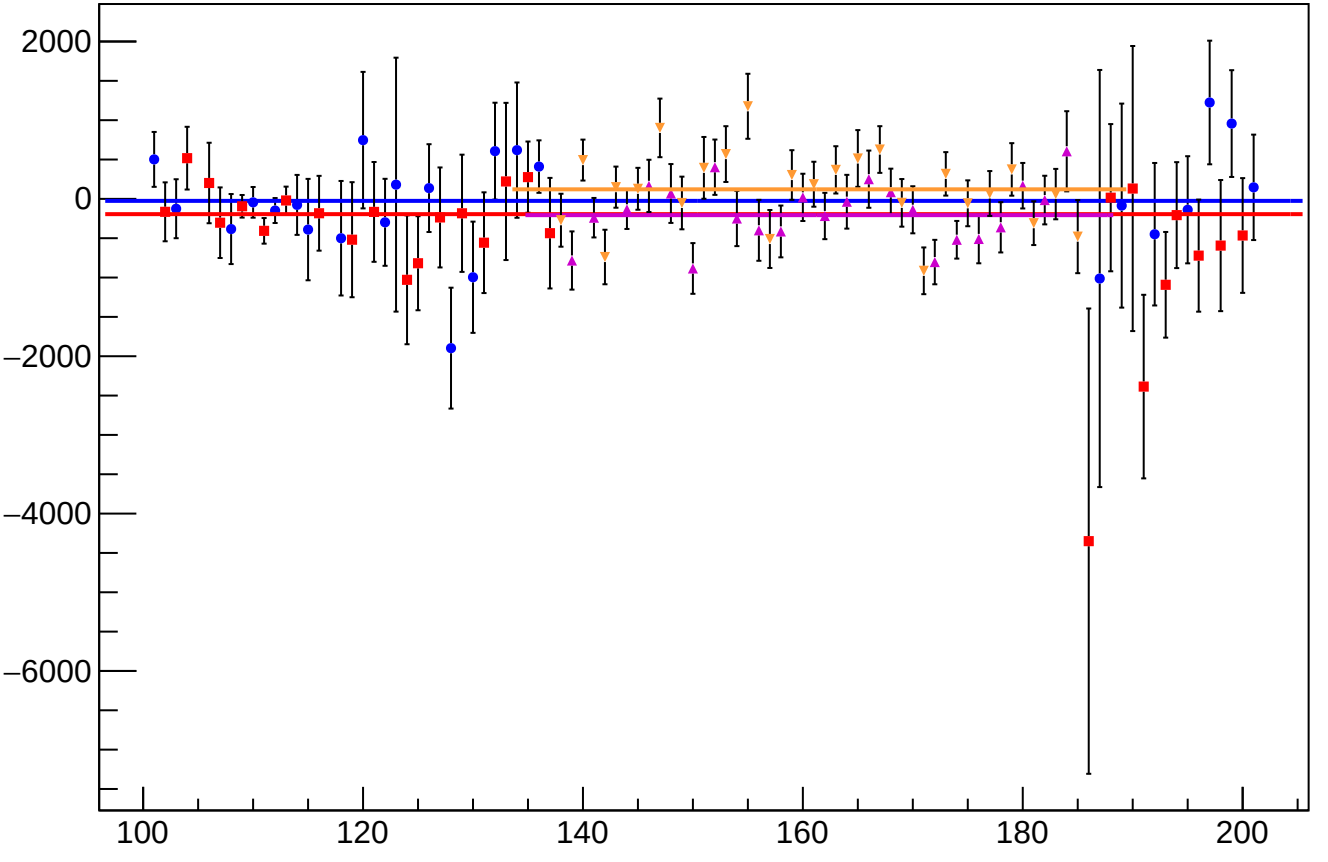
Right: 661.887+/-0.150 χ^2/NDF: 678836.3/15

In: 296.744+/-0.047 χ^2/NDF:3268786.0/29

Out: 295.524+/-0.045 χ^2/NDF:4994535.7/33

All: 296.112+/-0.032 χ^2/NDF: 8263675.4/63

asym_sam8_mean vs Slug, Sign Corrected



Right In: -25.496+/-86.834 χ^2/NDF: 21.7/23

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -194.228+/-74.441 χ^2/NDF: 19.3/26

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

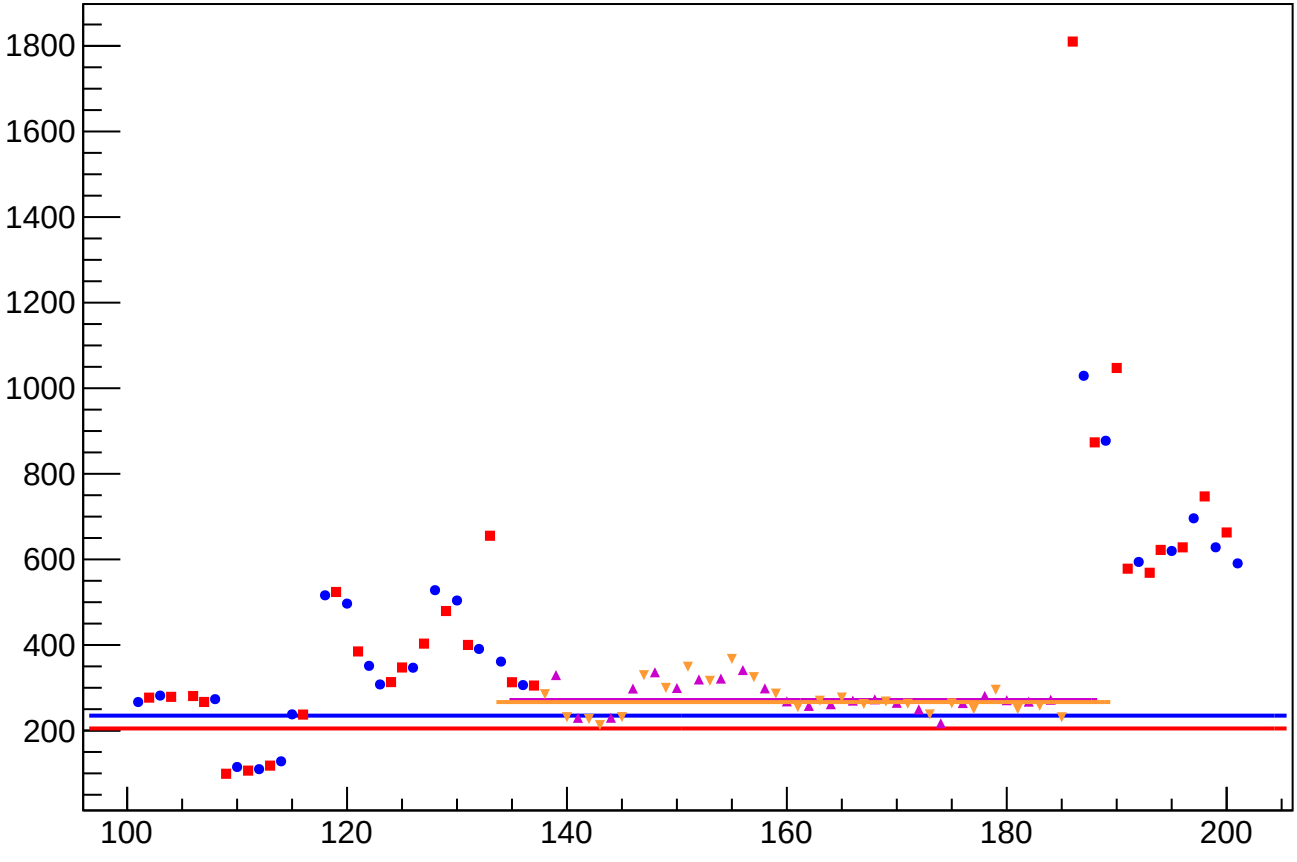
Right: -122.753+/-56.516 χ^2/NDF: 43.2/50

In: -141.534+/-52.162 χ^2/NDF:52.3/46

Out: -10.230+/-48.050 χ^2/NDF:78.8/51

All: -70.503+/-35.341 χ^2/NDF: 134.6/98

asym_sam8_rms vs Slug, Sign Corrected



Right In: 234.915+/-0.061 χ^2/NDF: 7267805.2/23

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 204.924+/-0.053 χ^2/NDF: 10389412.1/26

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

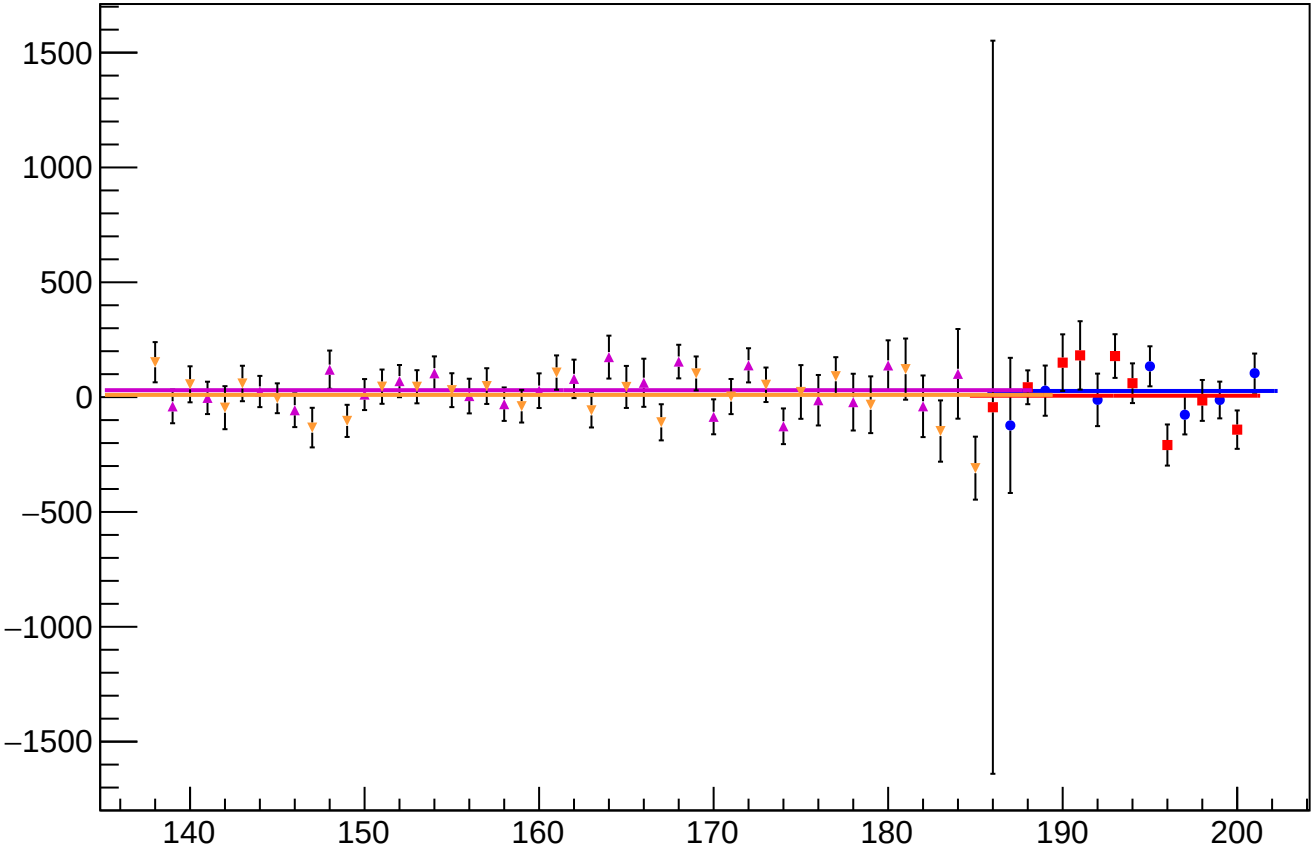
Right: 217.628+/-0.040 χ^2/NDF: 17794729.7/50

In: 258.267+/-0.037 χ^2/NDF:8025009.5/46

Out: 240.913+/-0.034 χ^2/NDF:11829999.2/51

All: 248.879+/-0.025 χ^2/NDF: 19974752.0/98

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 26.830+/-36.931 χ^2/NDF: 4.4/6

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 6.171+/-32.724 χ^2/NDF: 15.6/8

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

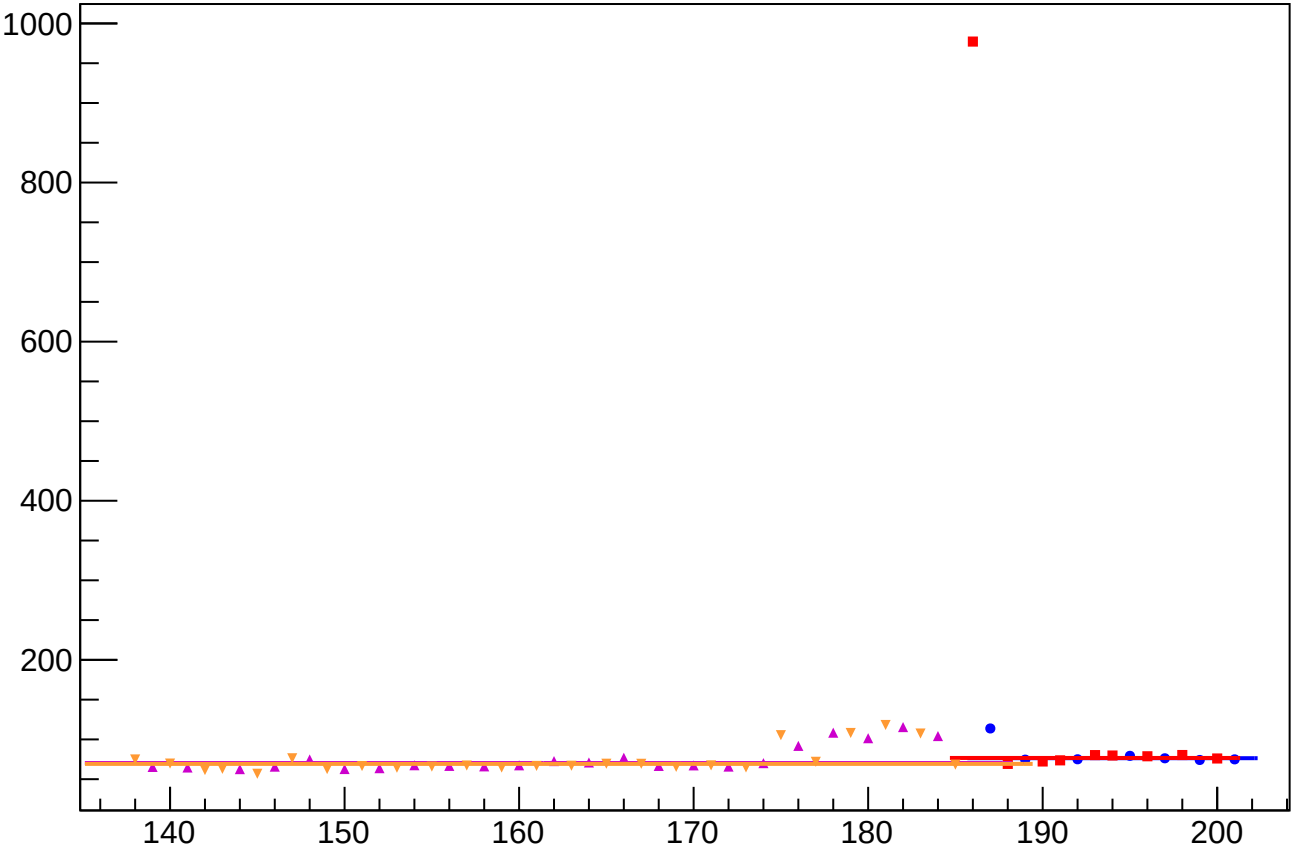
Right: 15.257+/-24.492 χ^2/NDF: 20.2/15

In: 29.639+/-15.466 χ^2/NDF:26.3/29

Out: 9.037+/-14.707 χ^2/NDF:41.6/33

All: 18.820+/-10.657 χ^2/NDF: 68.8/63

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 76.388+/-0.026 χ^2/NDF: 37551.6/6

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 76.686+/-0.023 χ^2/NDF: 670605.4/8

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

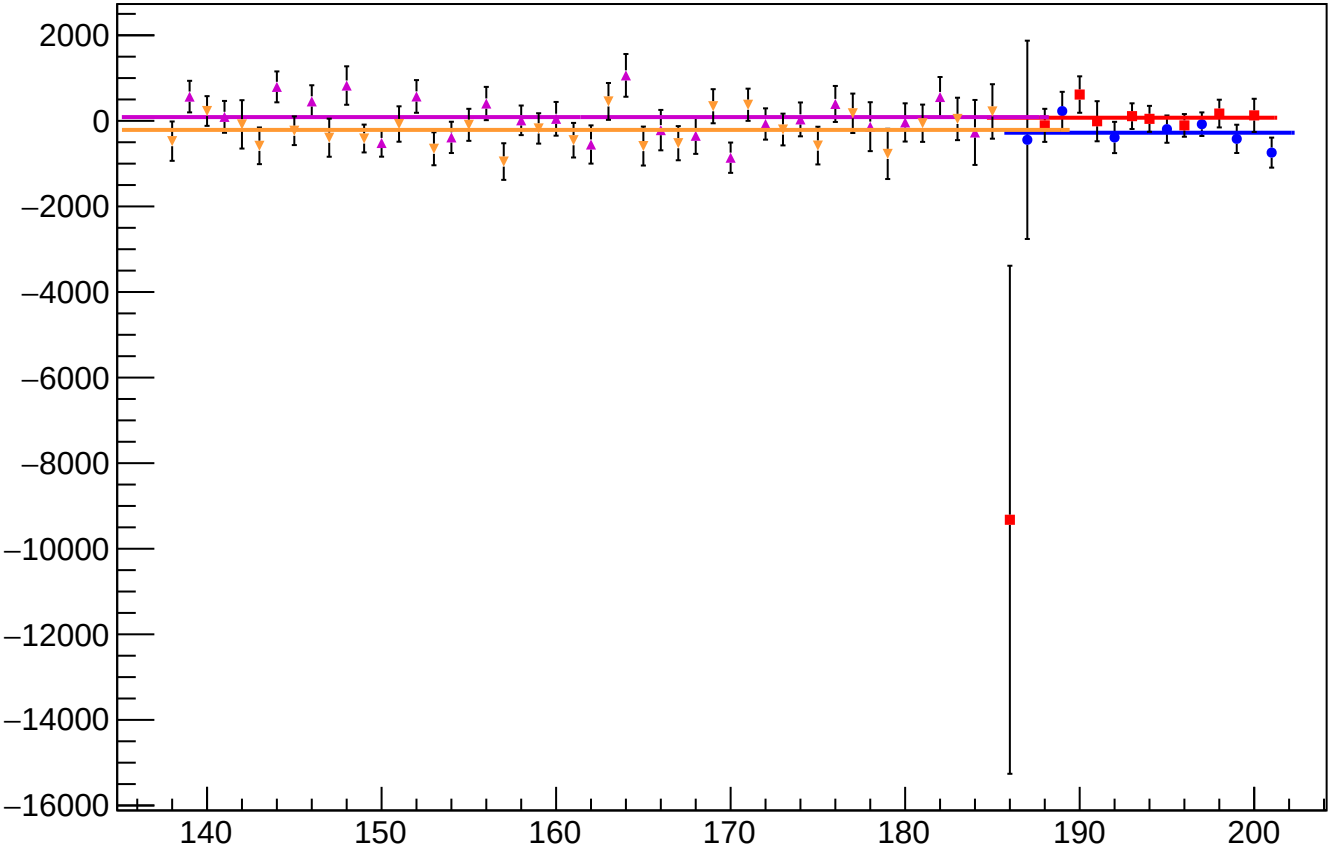
Right: 76.555+/-0.017 χ^2/NDF: 708230.2/15

In: 71.386+/-0.011 χ^2/NDF:944140.1/29

Out: 70.739+/-0.010 χ^2/NDF:1759301.1/33

All: 71.046+/-0.008 χ^2/NDF: 2705278.8/63

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -277.537+/-137.487 χ^2/NDF: 3.9/6

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 73.230+/-120.200 χ^2/NDF: 5.0/8

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

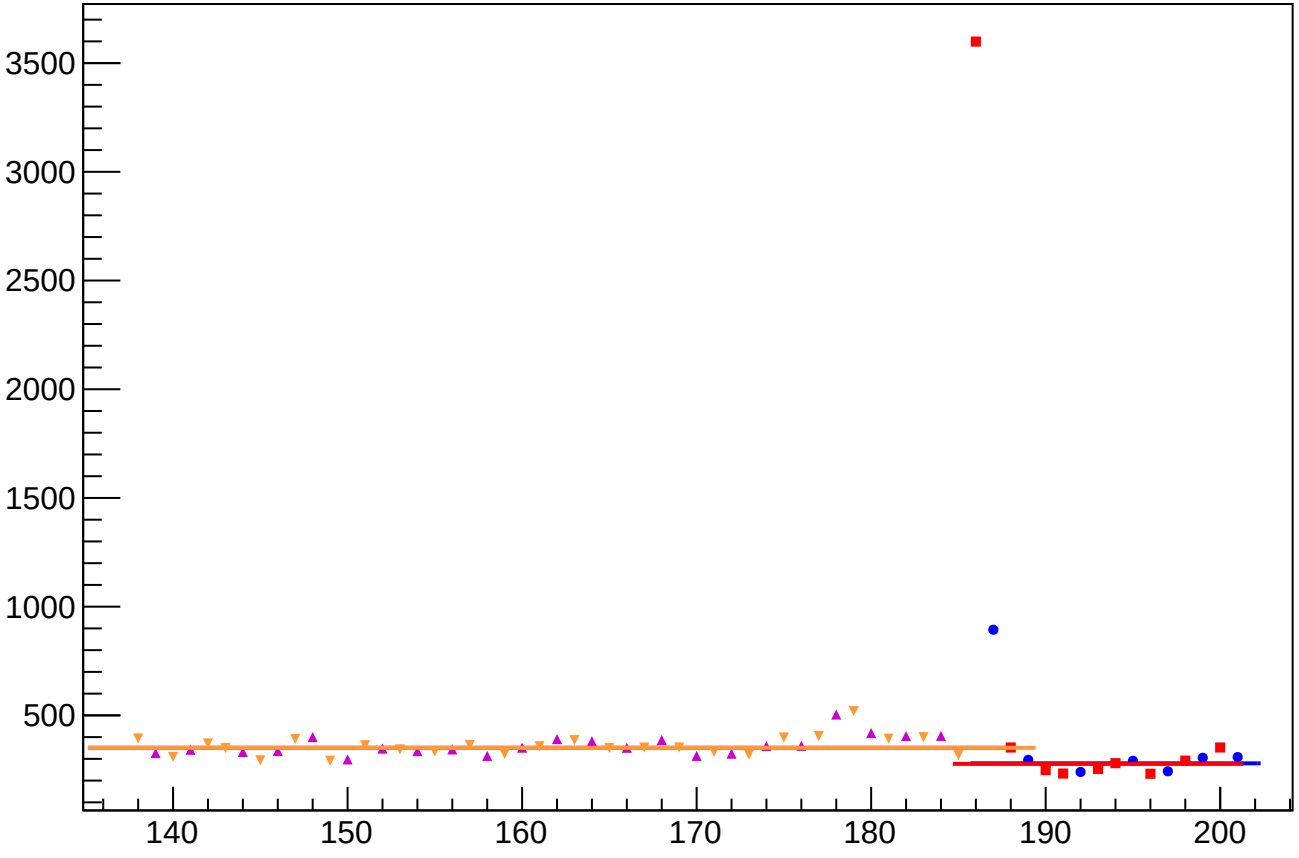
Right: -78.728+/-90.493 χ^2/NDF: 12.5/15

In: -11.847+/-71.872 χ^2/NDF:42.5/29

Out: -119.919+/-68.176 χ^2/NDF:28.2/33

All: -68.733+/-49.463 χ^2/NDF: 71.8/63

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 279.369+/-0.097 χ^2/NDF: 230515.5/6

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 277.049+/-0.085 χ^2/NDF: 880261.3/8

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

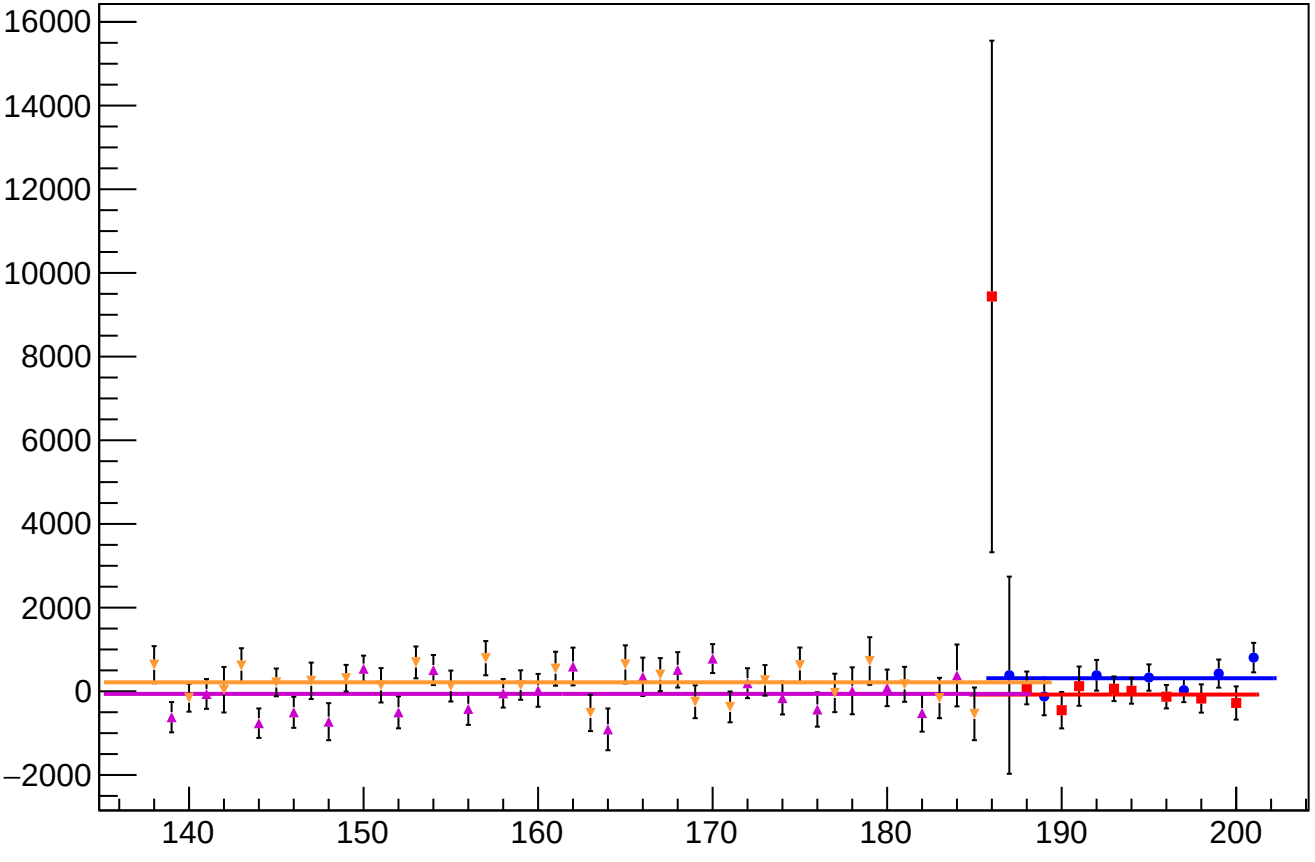
Right: 278.054+/-0.064 χ^2/NDF: 1111099.6/15

In: 331.385+/-0.051 χ^2/NDF:1049315.0/29

Out: 327.061+/-0.048 χ^2/NDF:1896976.8/33

All: 329.109+/-0.035 χ^2/NDF: 2950102.1/63

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 312.277+/-138.953 χ^2/NDF: 4.0/6

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -77.405+/-122.733 χ^2/NDF: 4.2/8

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

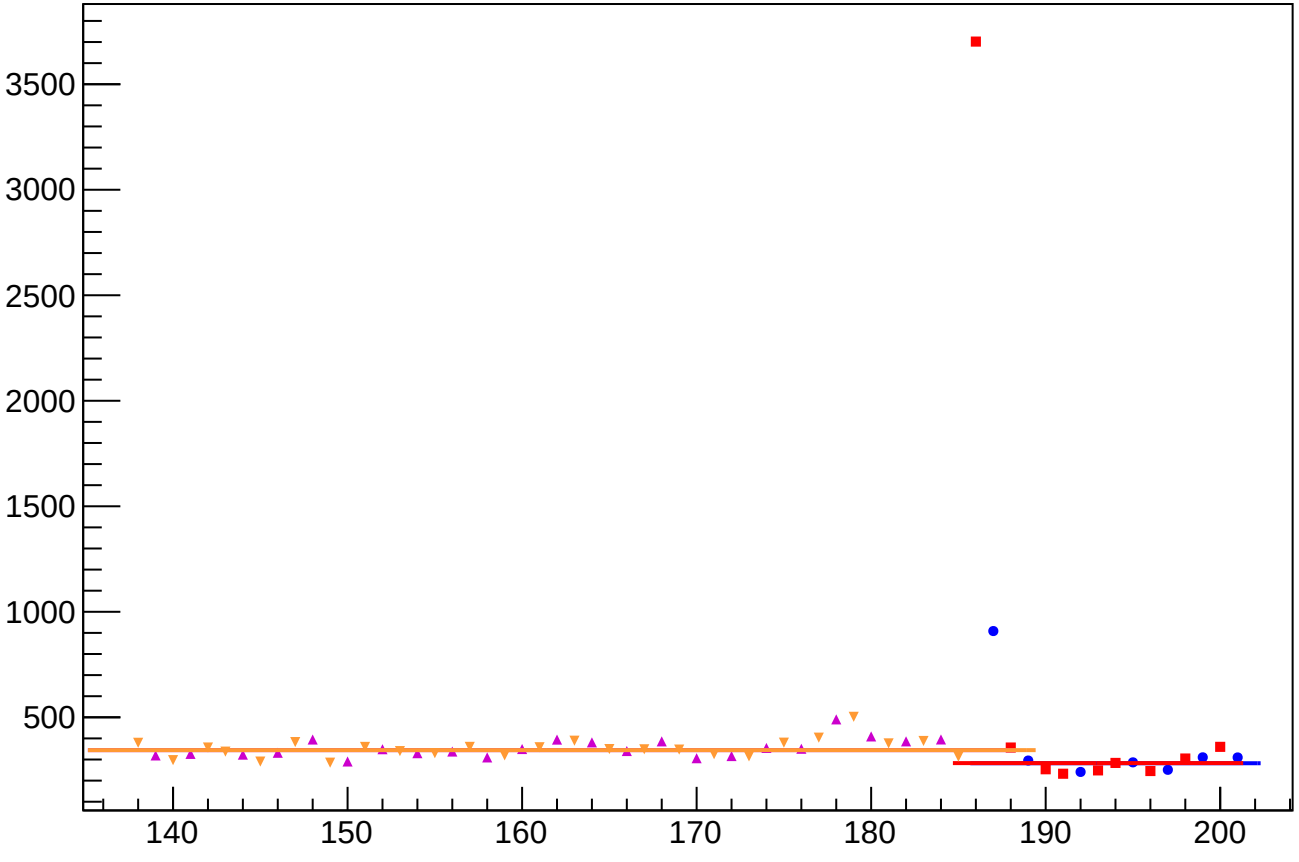
Right: 93.373+/-91.988 χ^2/NDF: 12.6/15

In: 36.344+/-71.155 χ^2/NDF:44.3/29

Out: 126.072+/-67.741 χ^2/NDF:27.7/33

All: 83.413+/-49.063 χ^2/NDF: 72.9/63

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 282.370+/-0.098 χ^2/NDF: 218276.0/6

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 282.989+/-0.087 χ^2/NDF: 876116.2/8

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

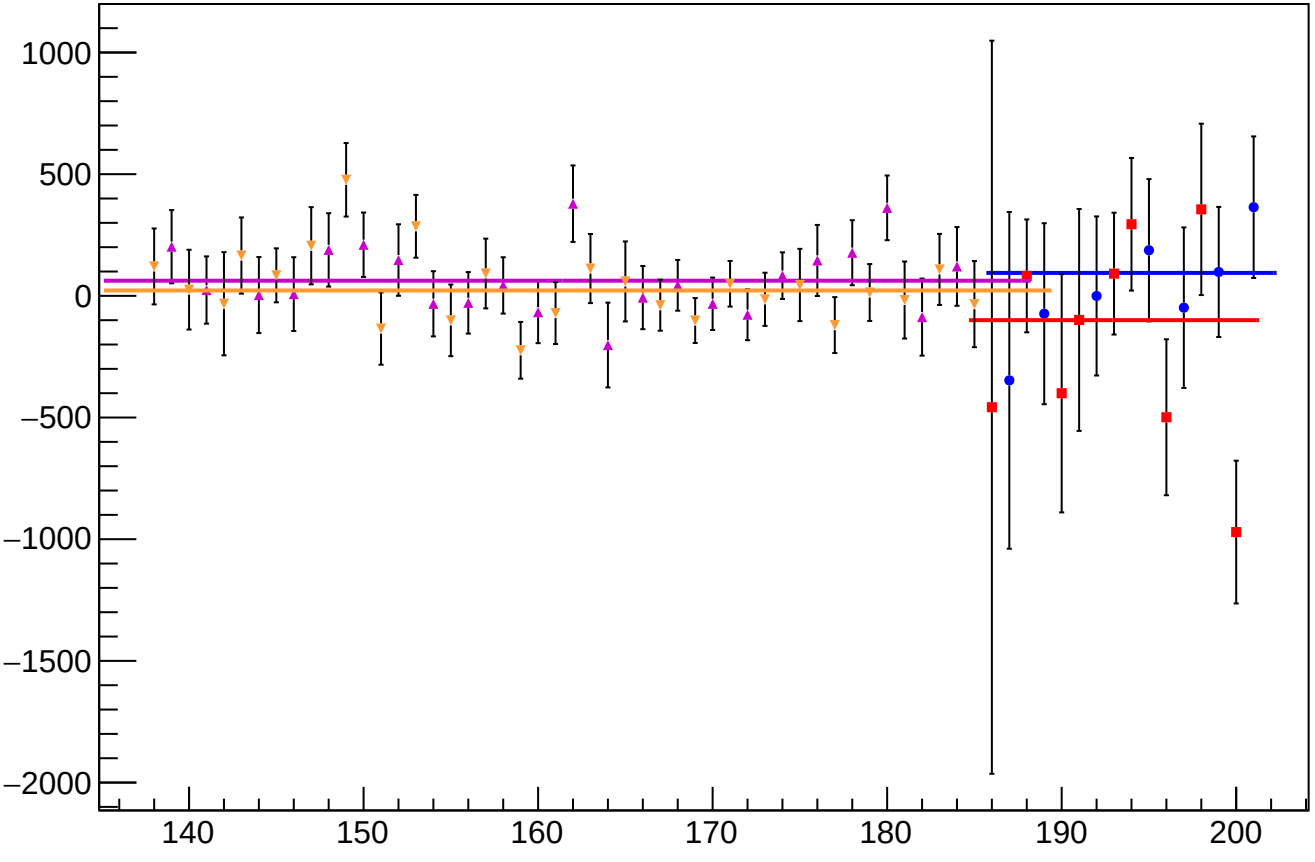
Right: 282.718+/-0.065 χ^2/NDF: 1094414.4/15

In: 328.190+/-0.050 χ^2/NDF:946432.7/29

Out: 325.719+/-0.048 χ^2/NDF:1713130.4/33

All: 326.894+/-0.035 χ^2/NDF: 2660827.5/63

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 94.338+/-123.672 χ^2/NDF: 1.8/6

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: -99.867+/-107.298 χ^2/NDF: 15.8/8

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

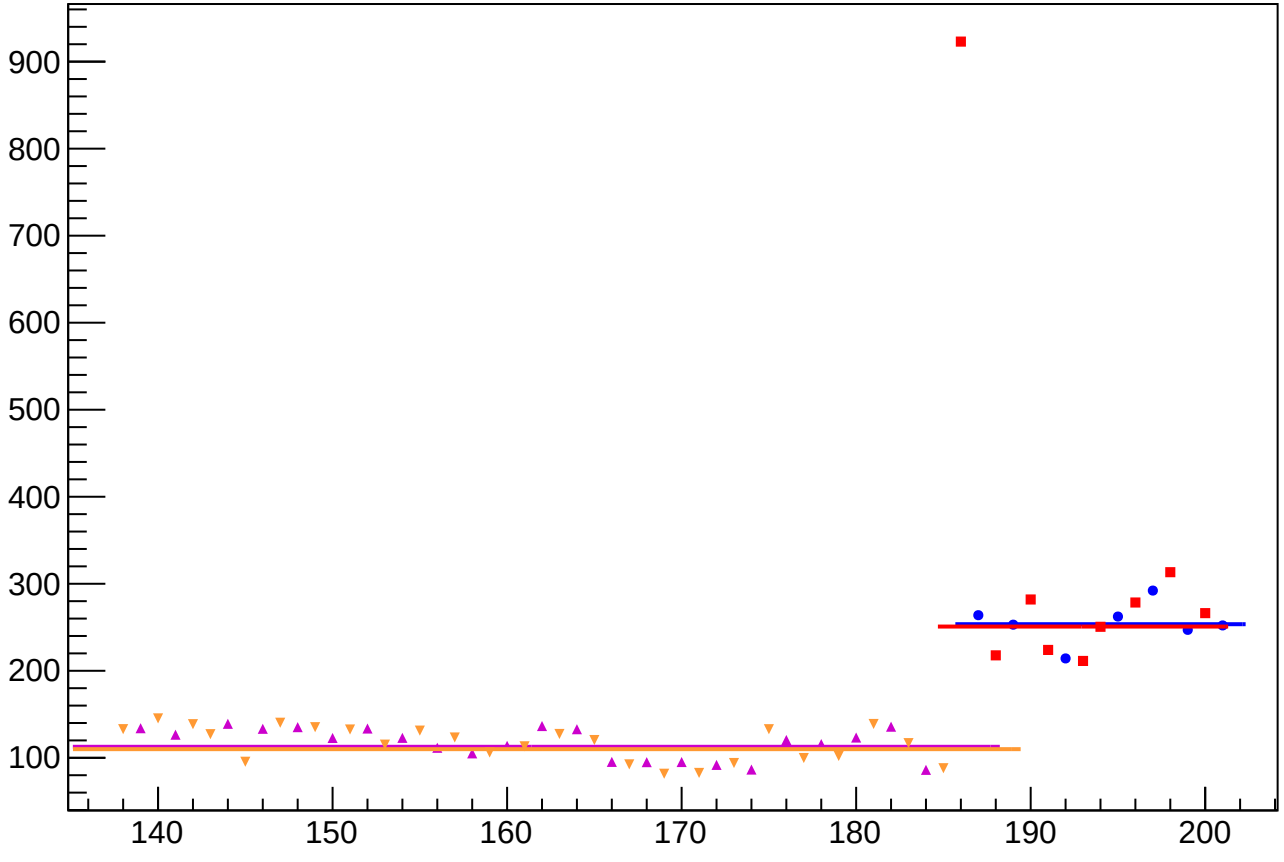
Right: -16.464+/-81.046 χ^2/NDF: 19.0/15

In: 63.808+/-26.750 χ^2/NDF:23.9/29

Out: 15.256+/-25.529 χ^2/NDF:45.0/33

All: 38.399+/-18.468 χ^2/NDF: 70.7/63

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 253.535+/-0.087 χ^2/NDF: 59880.8/6

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 250.832+/-0.076 χ^2/NDF: 587192.1/8

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

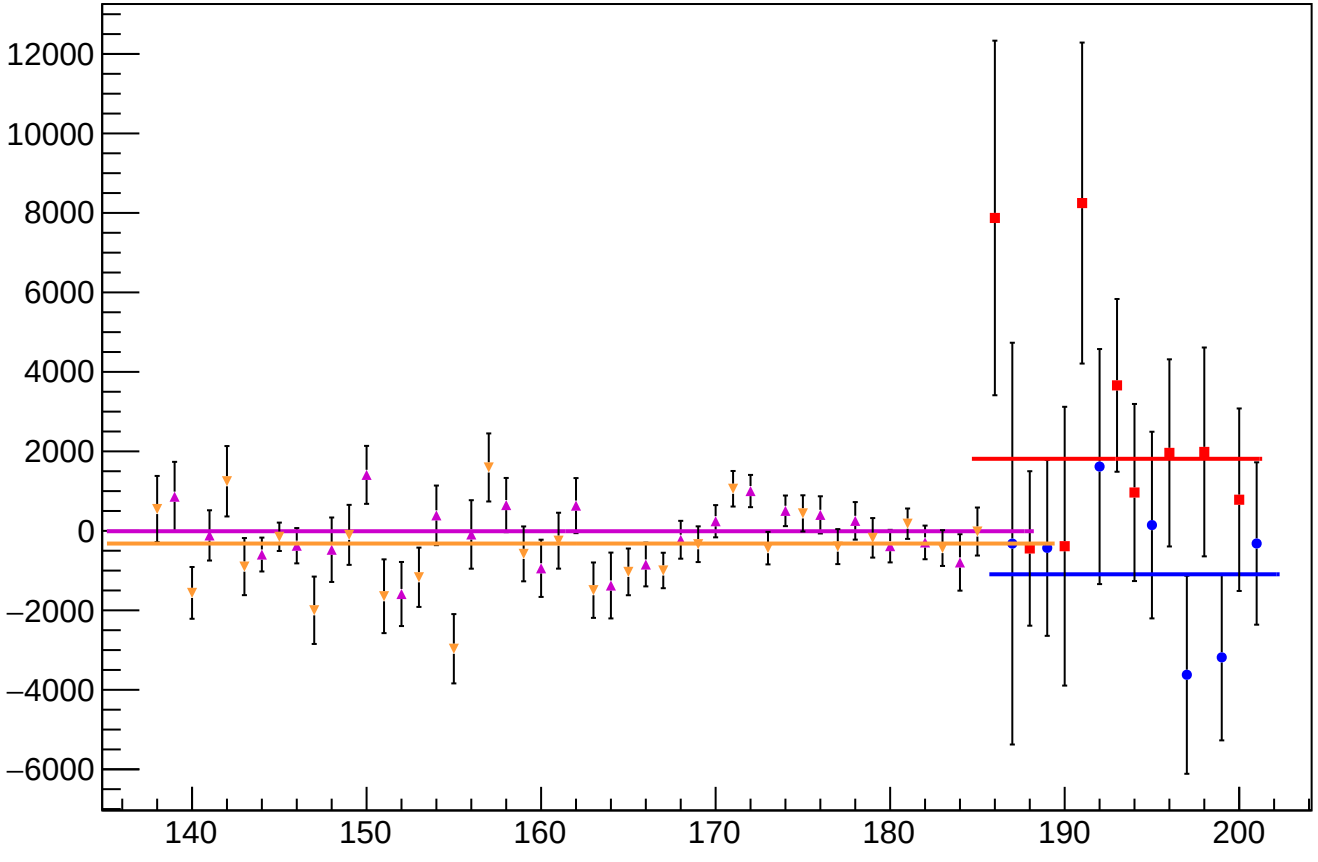
Right: 251.993+/-0.057 χ^2/NDF: 647618.0/15

In: 119.248+/-0.019 χ^2/NDF:3369492.1/29

Out: 117.928+/-0.018 χ^2/NDF:4980437.9/33

All: 118.557+/-0.013 χ^2/NDF: 8352478.7/63

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -1093.011+/-924.990 χ^2/NDF: 3.4/6

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 1812.944+/-849.553 χ^2/NDF: 7.2/8

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

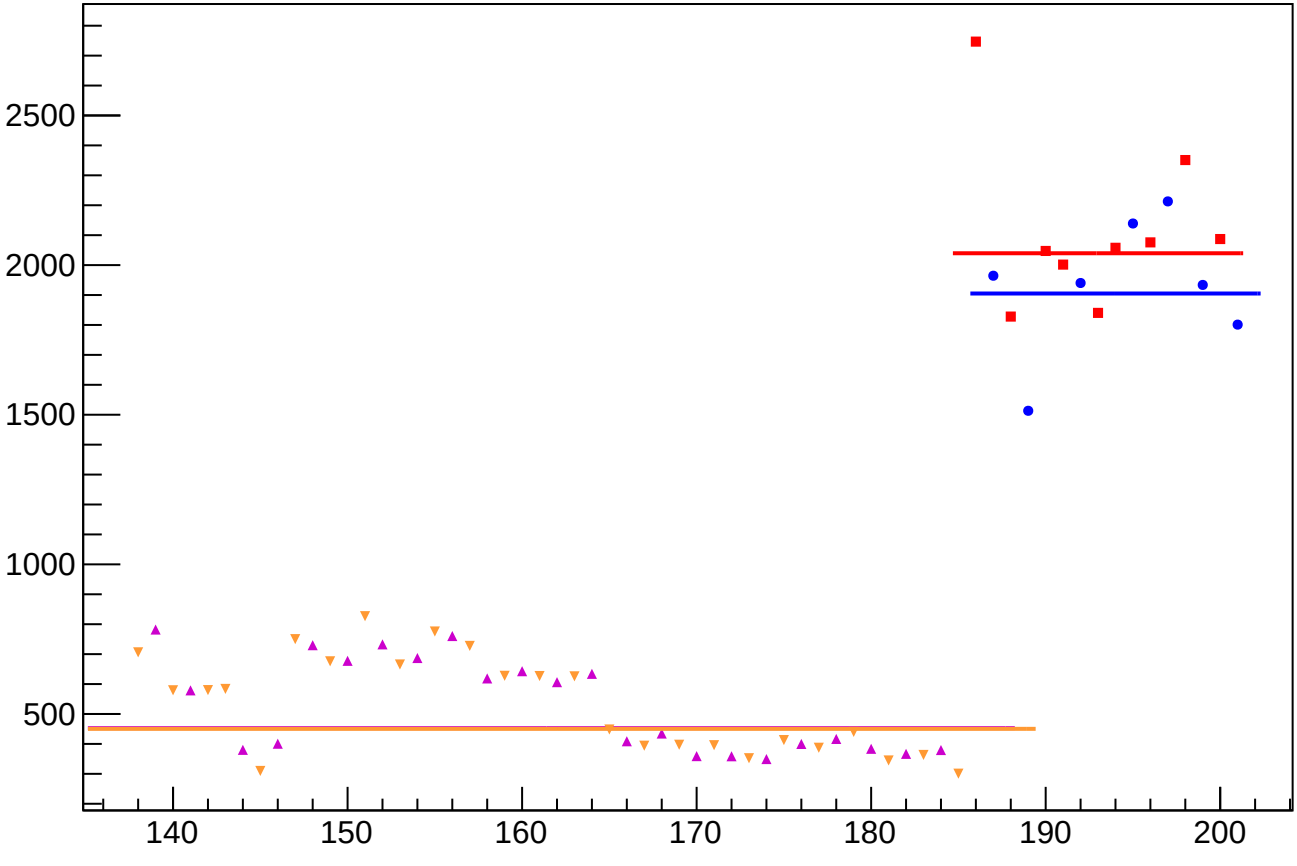
Right: 483.277+/-625.697 χ^2/NDF: 16.0/15

In: -25.212+/-111.521 χ^2/NDF:37.2/29

Out: -284.040+/-109.387 χ^2/NDF:64.9/33

All: -157.125+/-78.092 χ^2/NDF: 104.9/63

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1905.079+/-0.654 χ^2/NDF: 119185.9/6

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 2039.605+/-0.601 χ^2/NDF: 120534.6/8

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

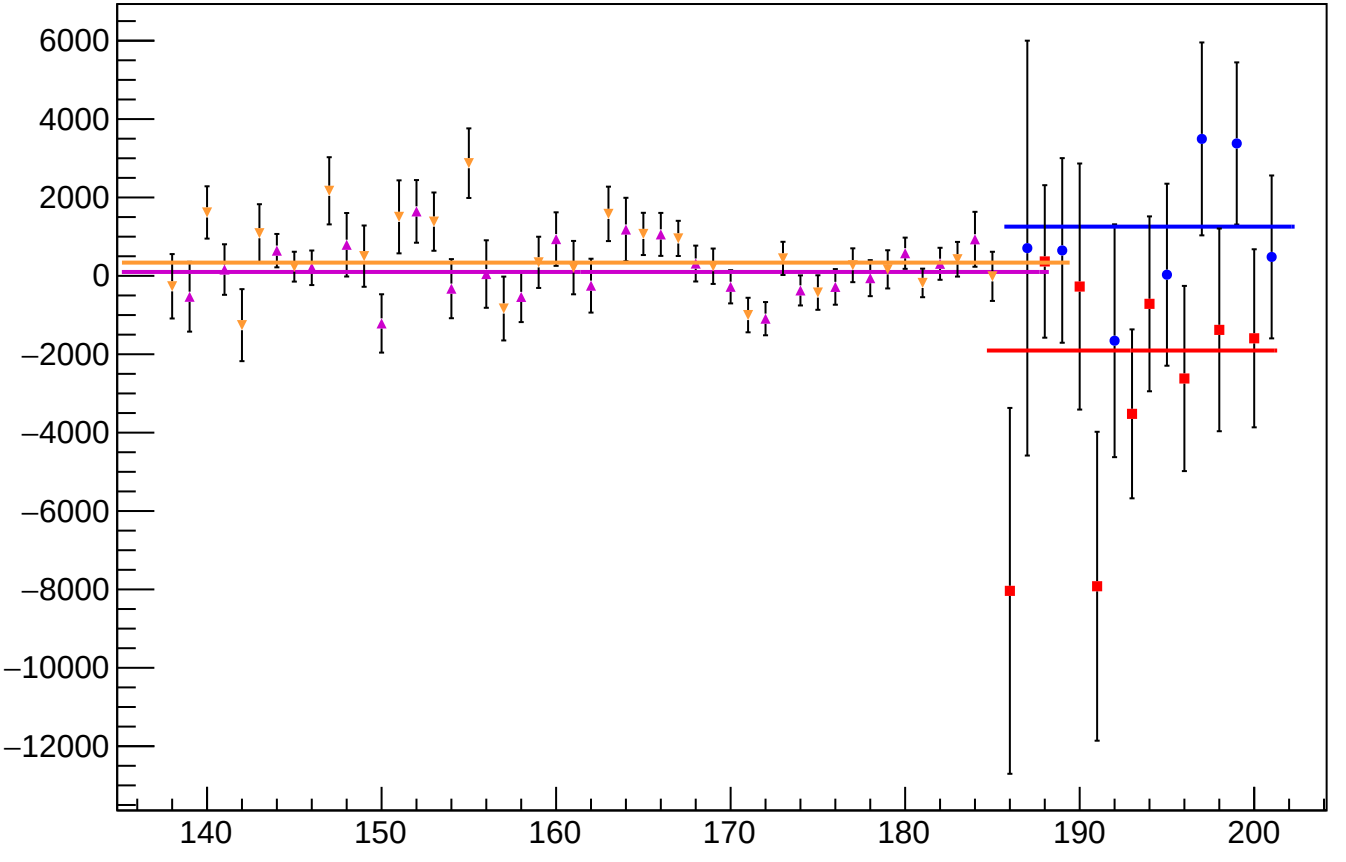
Right: 1978.050+/-0.442 χ^2/NDF: 262666.8/15

In: 473.806+/-0.079 χ^2/NDF:7564364.3/29

Out: 476.711+/-0.077 χ^2/NDF:10099817.4/33

All: 475.286+/-0.055 χ^2/NDF: 17664873.3/63

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1255.964+/-934.440 χ^2/NDF: 3.3/6

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -1904.909+/-840.752 χ^2/NDF: 6.7/8

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

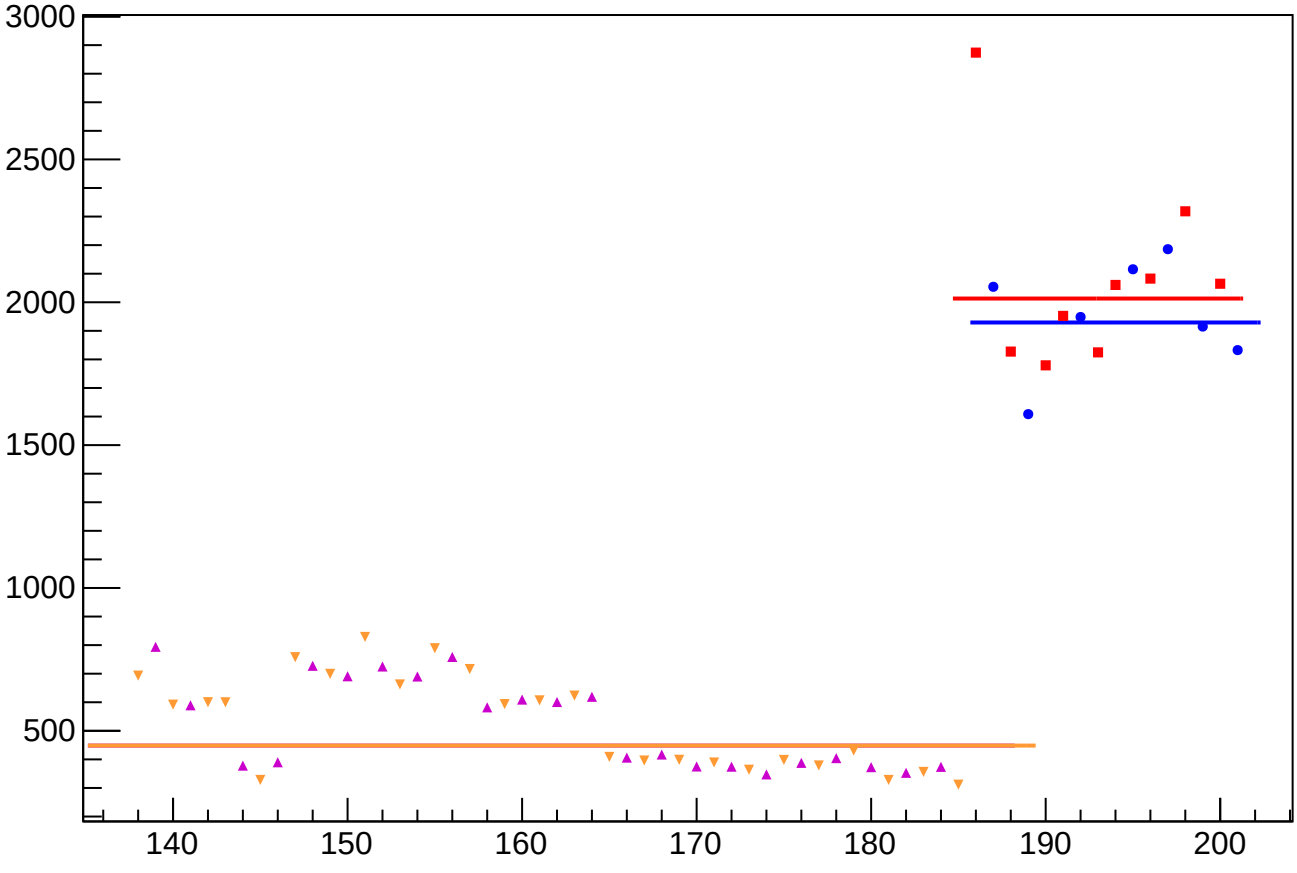
Right: -490.828+/-625.007 χ^2/NDF: 16.3/15

In: 115.703+/-110.690 χ^2/NDF:36.9/29

Out: 300.315+/-108.905 χ^2/NDF:62.3/33

All: 209.509+/-77.631 χ^2/NDF: 100.6/63

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1929.234+/-0.661 χ^2/NDF: 77325.1/6

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 2013.057+/-0.595 χ^2/NDF: 144680.8/8

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

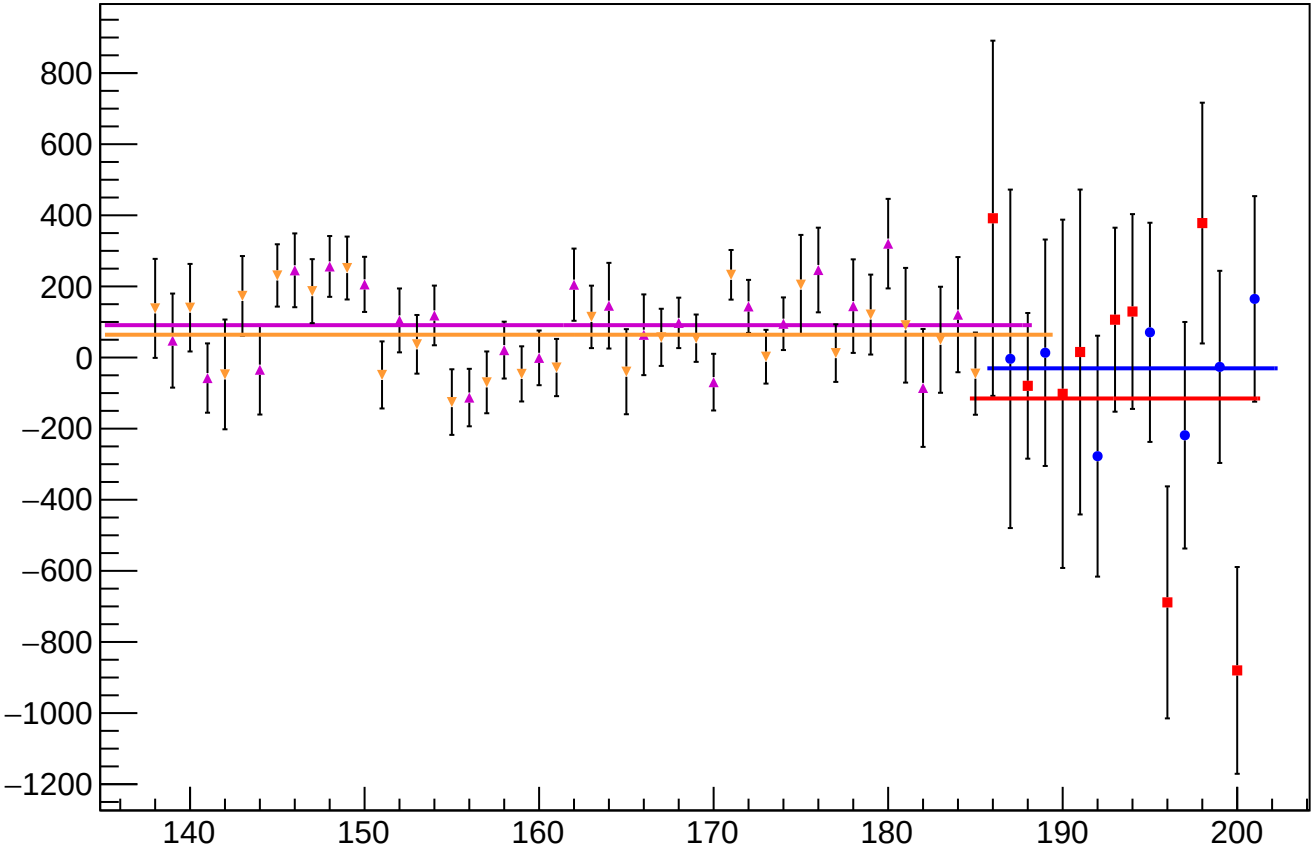
Right: 1975.557+/-0.442 χ^2/NDF: 230899.7/15

In: 469.019+/-0.078 χ^2/NDF:7594111.4/29

Out: 474.650+/-0.077 χ^2/NDF:10032460.6/33

All: 471.880+/-0.055 χ^2/NDF: 17629201.5/63

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -30.355+/-120.353 χ^2/NDF: 1.5/6

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: -115.181+/-102.600 χ^2/NDF: 14.8/8

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

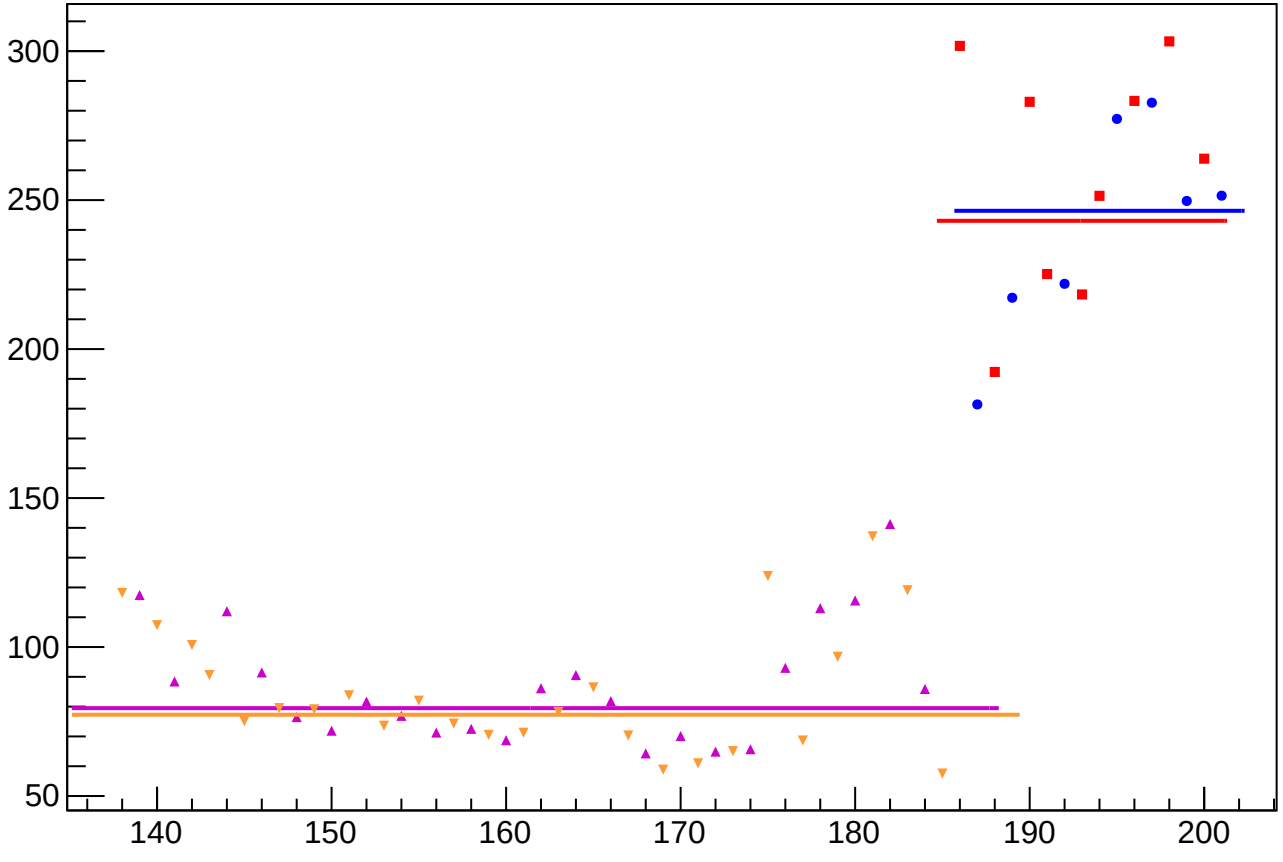
Right: -79.480+/-78.079 χ^2/NDF: 16.6/15

In: 87.881+/-19.381 χ^2/NDF:35.1/29

Out: 58.360+/-18.423 χ^2/NDF:51.5/33

All: 72.373+/-13.353 χ^2/NDF: 87.9/63

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 246.410+/-0.085 χ^2/NDF: 111432.0/6

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 243.051+/-0.073 χ^2/NDF: 290671.8/8

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

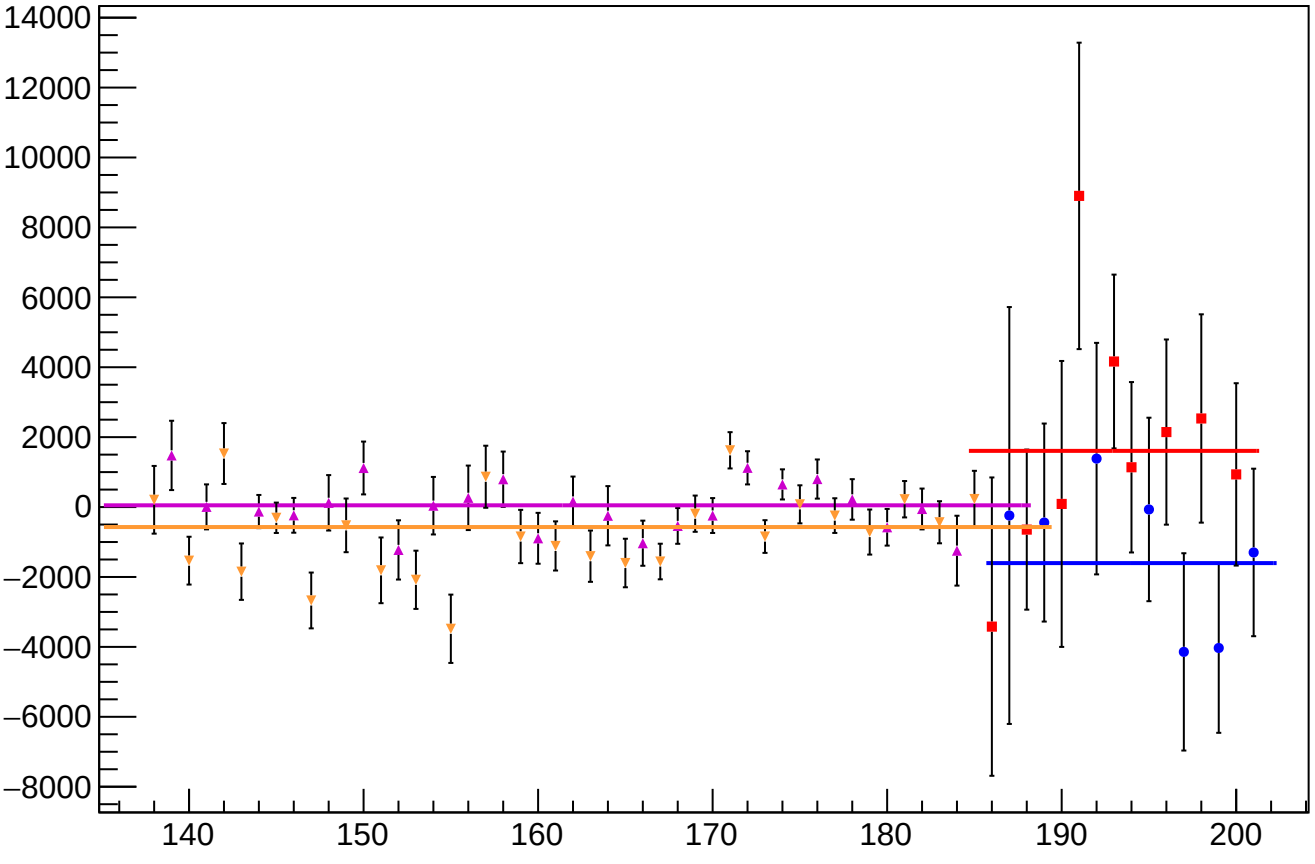
Right: 244.465+/-0.055 χ^2/NDF: 403005.8/15

In: 83.820+/-0.014 χ^2/NDF:5192459.4/29

Out: 82.625+/-0.013 χ^2/NDF:6896770.5/33

All: 83.192+/-0.009 χ^2/NDF: 12093227.0/63

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -1602.871+/-1079.183 χ^2/NDF: 3.2/6

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 1607.488+/-957.910 χ^2/NDF: 6.6/8

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

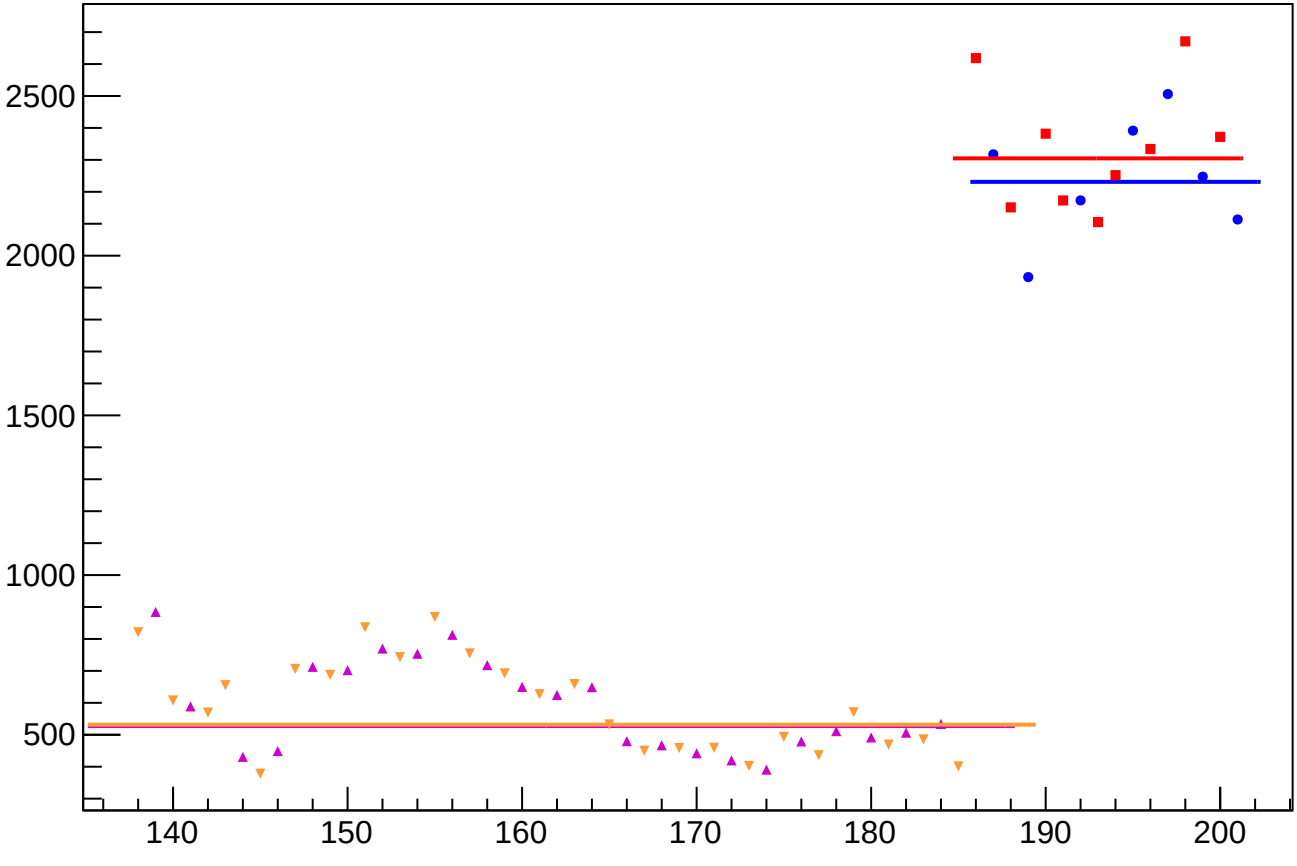
Right: 192.753+/-716.400 χ^2/NDF: 14.7/15

In: 26.724+/-128.271 χ^2/NDF:31.7/29

Out: -533.349+/-127.026 χ^2/NDF:78.4/33

All: -256.043+/-90.258 χ^2/NDF: 119.7/63

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 2231.162+/-0.763 χ^2/NDF: 54559.7/6

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2304.637+/-0.677 χ^2/NDF: 67951.9/8

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

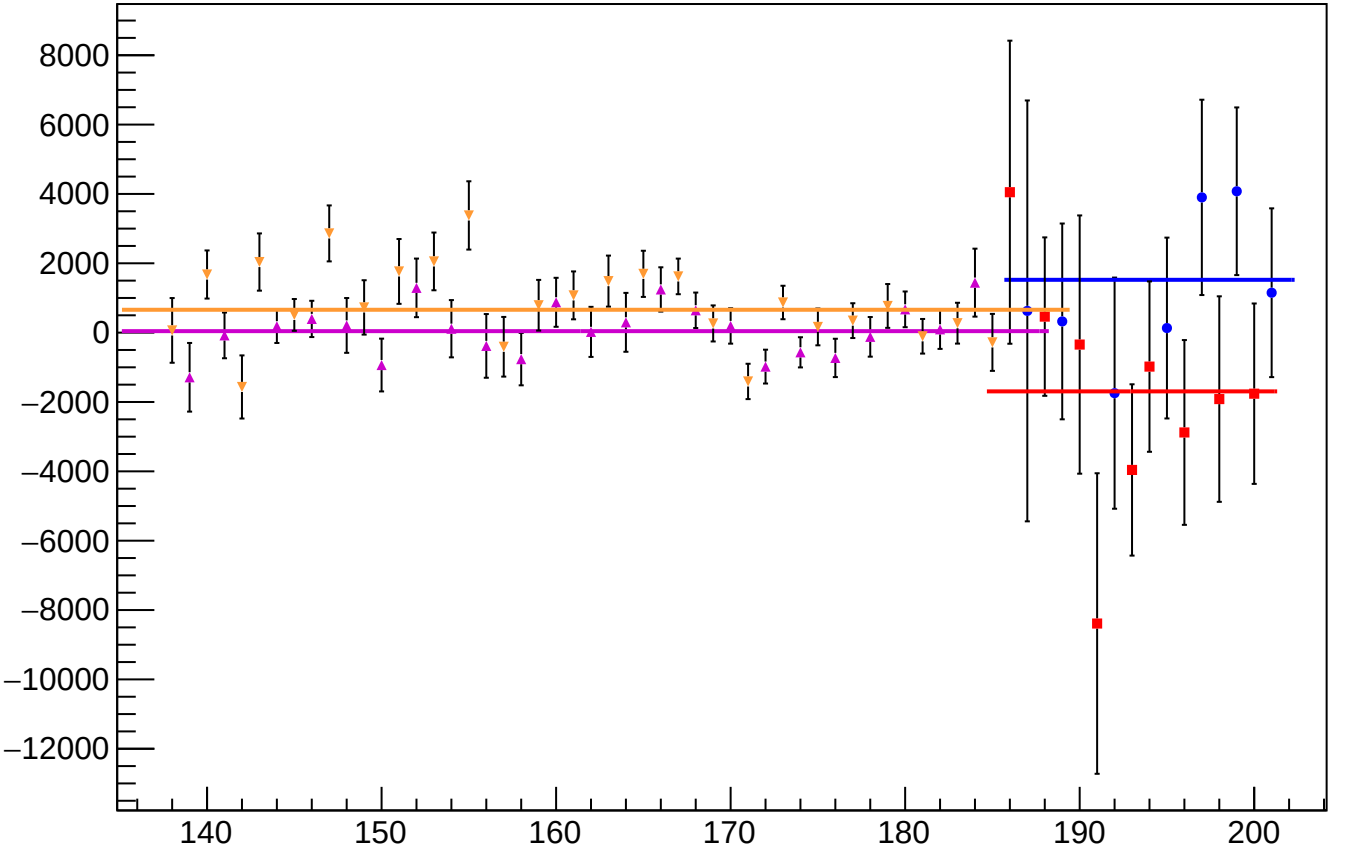
Right: 2272.258+/-0.507 χ^2/NDF: 127697.1/15

In: 551.255+/-0.091 χ^2/NDF:6783689.7/29

Out: 562.820+/-0.090 χ^2/NDF:8837424.8/33

All: 557.094+/-0.064 χ^2/NDF: 15629322.7/63

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1523.402+/-1081.066 χ^2/NDF: 3.3/6

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -1694.063+/-952.894 χ^2/NDF: 6.3/8

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

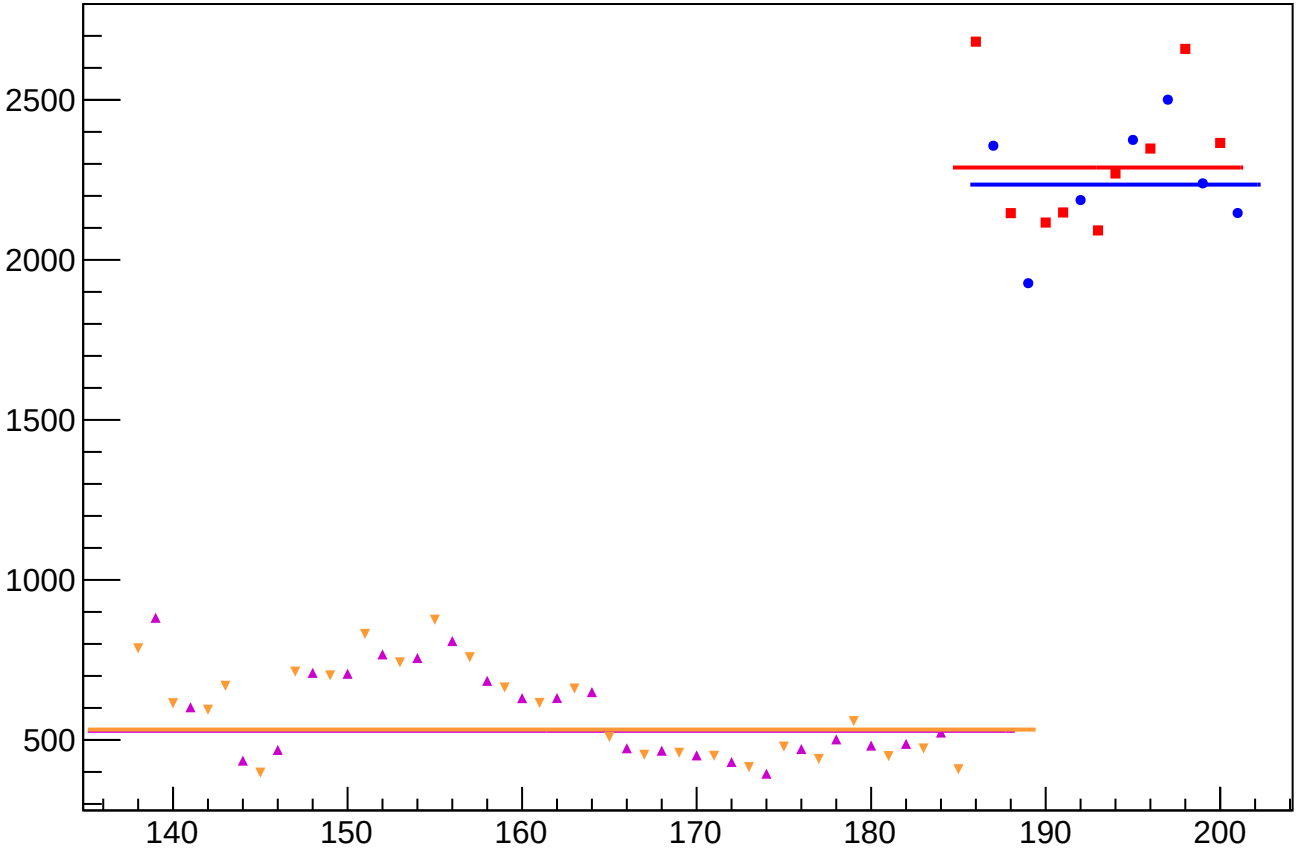
Right: -287.280+/-714.840 χ^2/NDF: 14.6/15

In: 64.135+/-128.618 χ^2/NDF:31.2/29

Out: 617.703+/-127.021 χ^2/NDF:74.7/33

All: 344.377+/-90.377 χ^2/NDF: 115.2/63

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2235.258+/-0.764 χ^2/NDF: 51177.8/6

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2288.683+/-0.674 χ^2/NDF: 77164.8/8

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

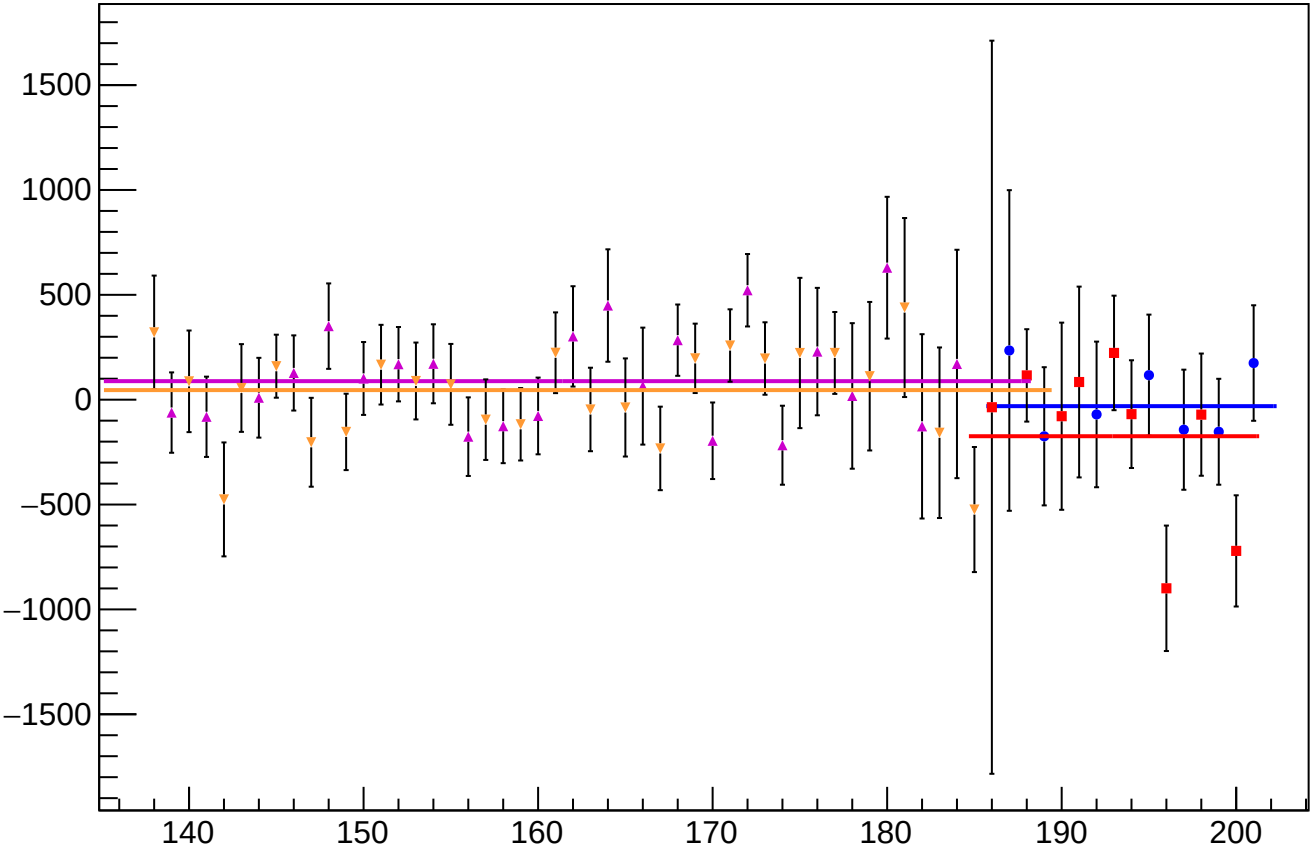
Right: 2265.323+/-0.505 χ^2/NDF: 131091.5/15

In: 552.623+/-0.091 χ^2/NDF:6677920.6/29

Out: 563.600+/-0.090 χ^2/NDF:8693634.1/33

All: 558.180+/-0.064 χ^2/NDF: 15378928.8/63

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -30.843+/-117.628 χ^2/NDF: 1.5/6

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: -174.218+/-101.778 χ^2/NDF: 14.6/8

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

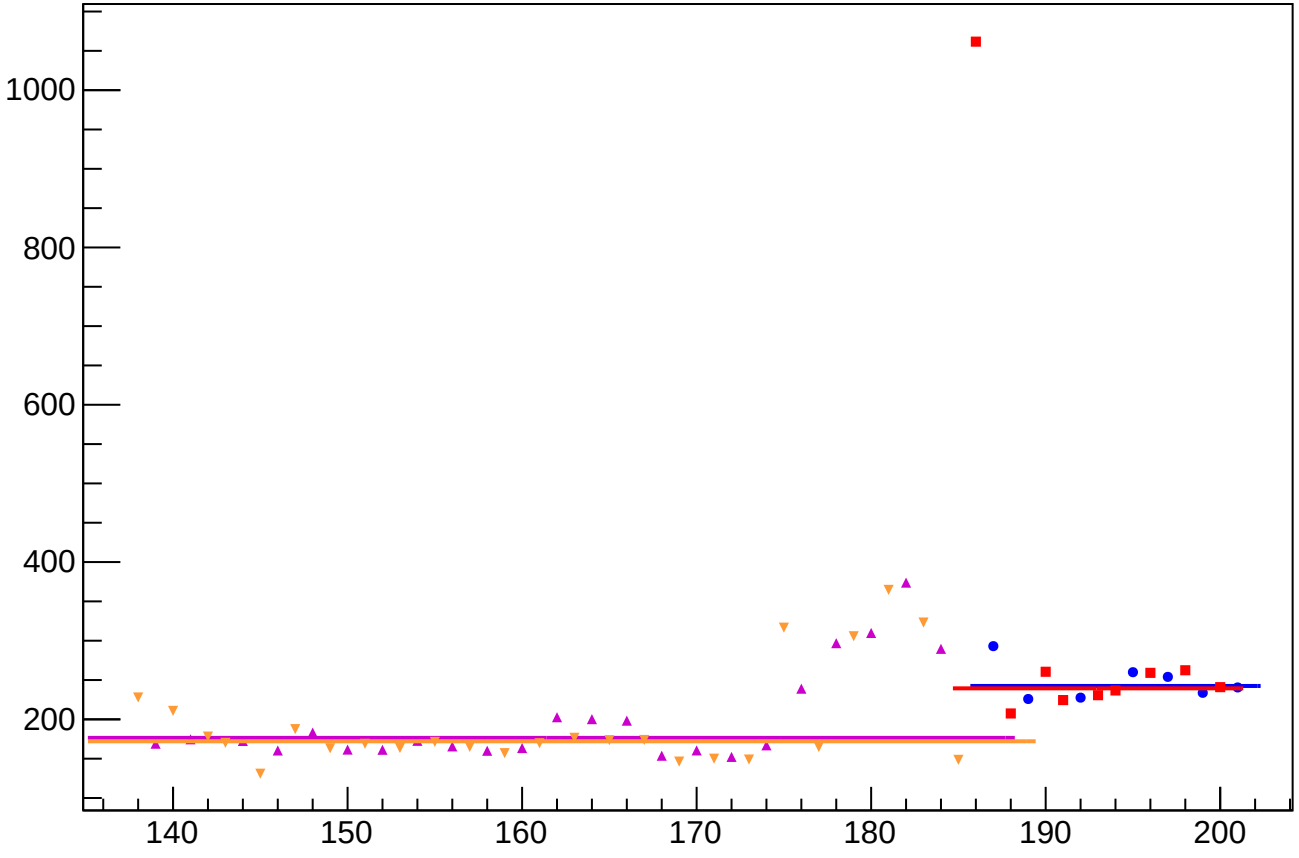
Right: -112.834+/-76.966 χ^2/NDF: 17.0/15

In: 74.005+/-40.815 χ^2/NDF:28.8/29

Out: 13.966+/-38.649 χ^2/NDF:40.6/33

All: 42.351+/-28.063 χ^2/NDF: 70.5/63

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 242.458+/-0.083 χ^2/NDF: 30550.0/6

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 239.425+/-0.072 χ^2/NDF: 514768.7/8

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

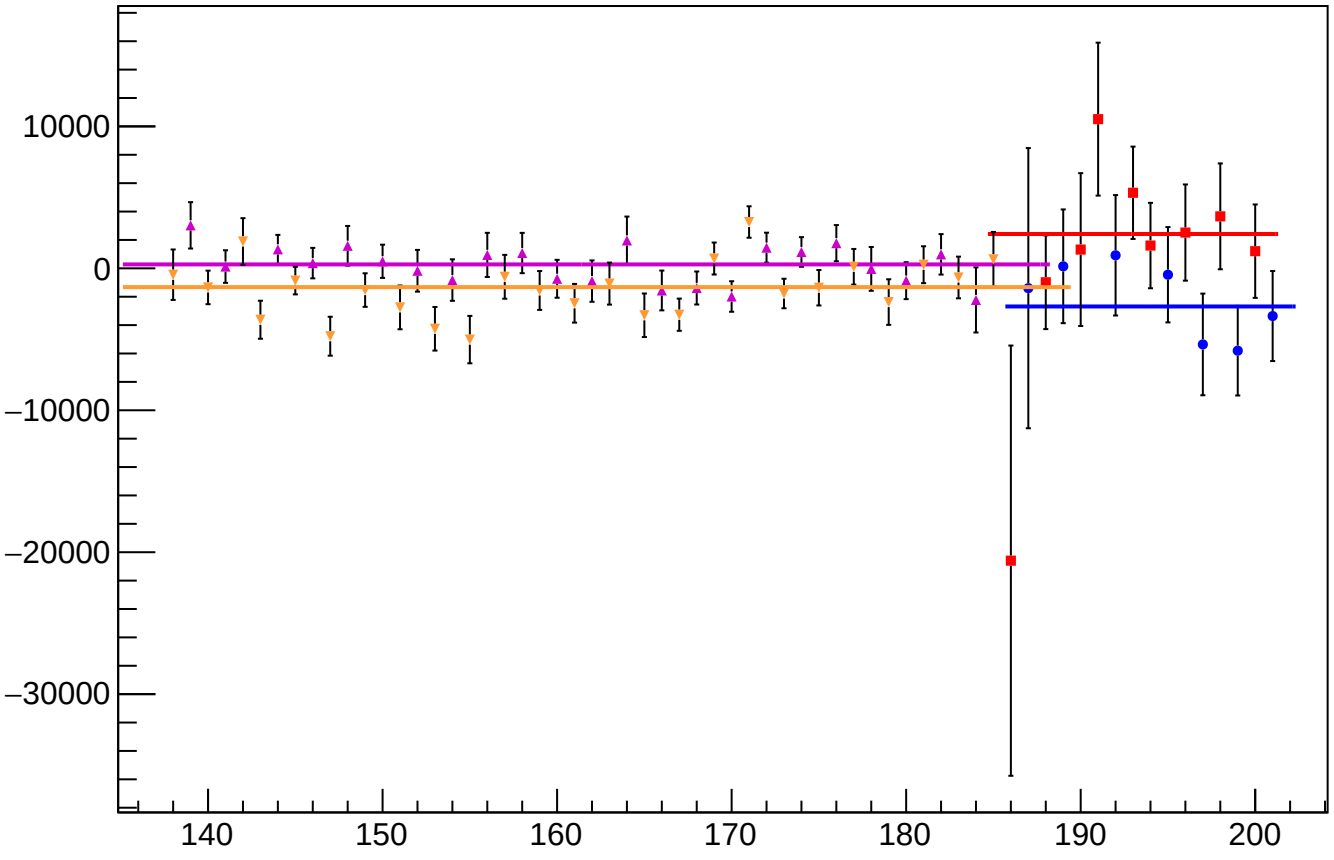
Right: 240.723+/-0.054 χ^2/NDF: 546079.0/15

In: 184.375+/-0.029 χ^2/NDF:1945545.3/29

Out: 181.806+/-0.027 χ^2/NDF:3016272.0/33

All: 183.020+/-0.020 χ^2/NDF: 4965995.2/63

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -2686.720+/-1421.922 χ^2/NDF: 3.3/6

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 2418.862+/-1268.513 χ^2/NDF: 6.8/8

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

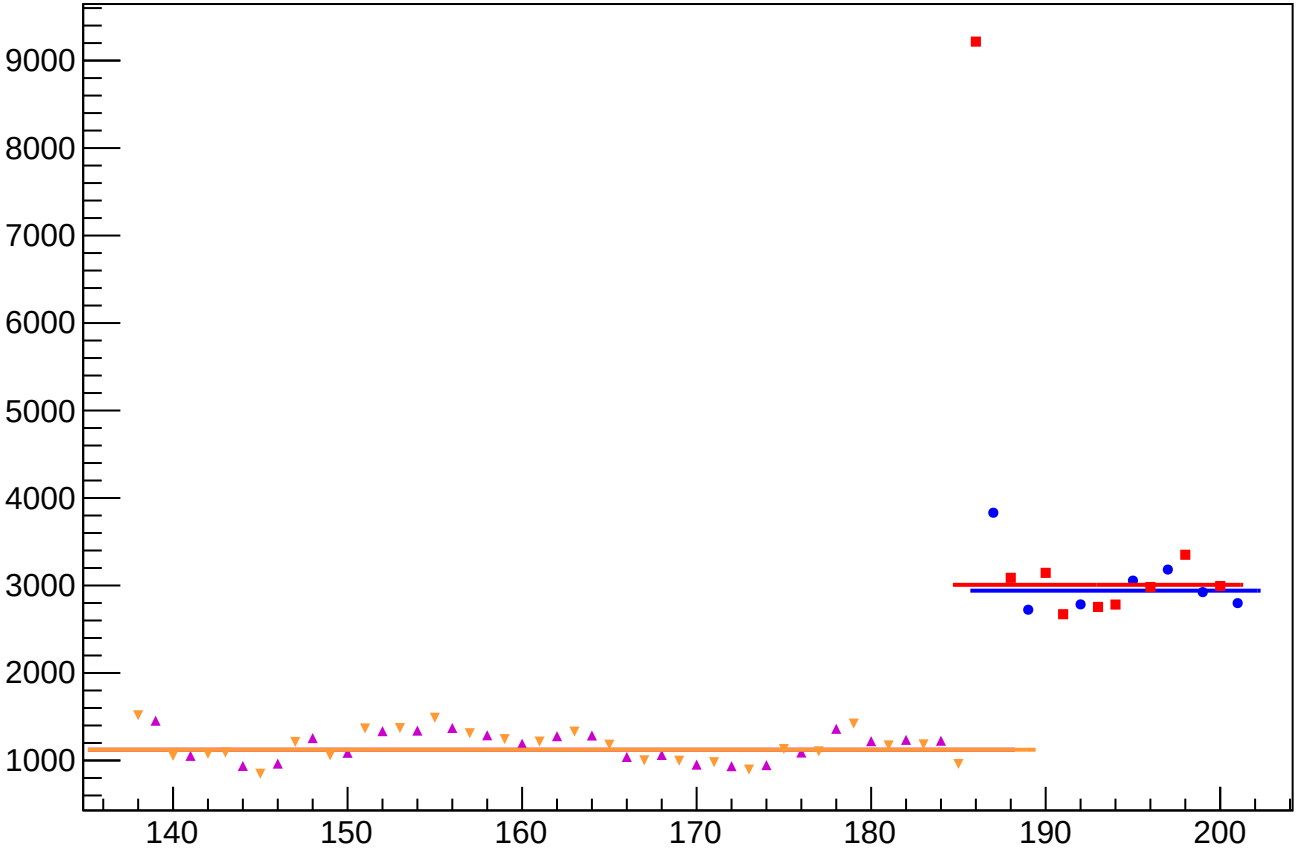
Right: 156.249+/-946.582 χ^2/NDF: 17.2/15

In: 173.145+/-265.779 χ^2/NDF:29.5/29

Out: -1166.760+/-260.291 χ^2/NDF:68.7/33

All: -510.784+/-185.963 χ^2/NDF: 111.2/63

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 2940.978+/-1.005 χ^2/NDF: 40457.5/6

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 3007.779+/-0.897 χ^2/NDF: 386350.4/8

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

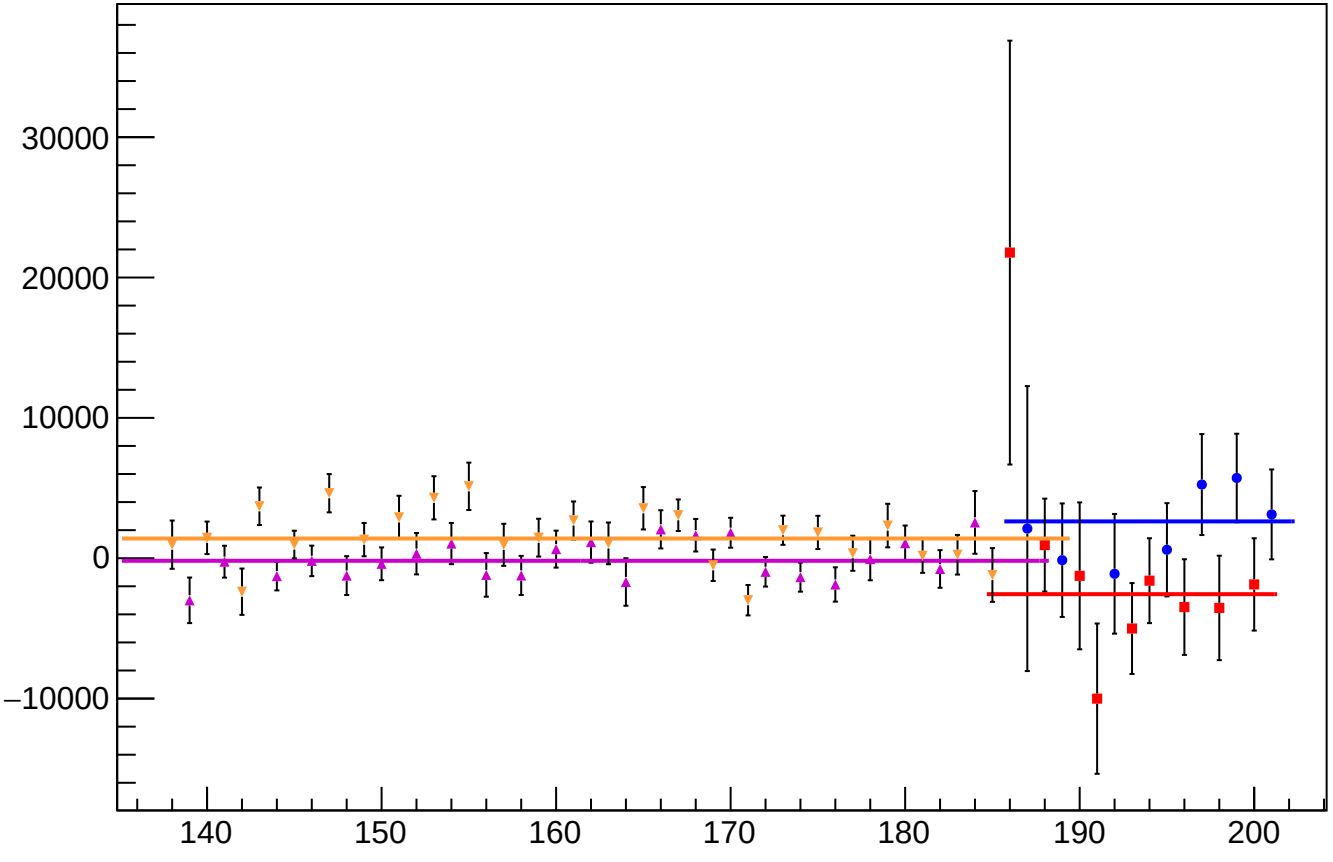
Right: 2978.175+/-0.669 χ^2/NDF: 429265.9/15

In: 1186.658+/-0.188 χ^2/NDF:3884807.2/29

Out: 1202.378+/-0.184 χ^2/NDF:5458048.0/33

All: 1194.682+/-0.131 χ^2/NDF: 9346427.0/63

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 2624.074+/-1425.811 χ^2/NDF: 3.1/6

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -2561.105+/-1267.375 χ^2/NDF: 6.6/8

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

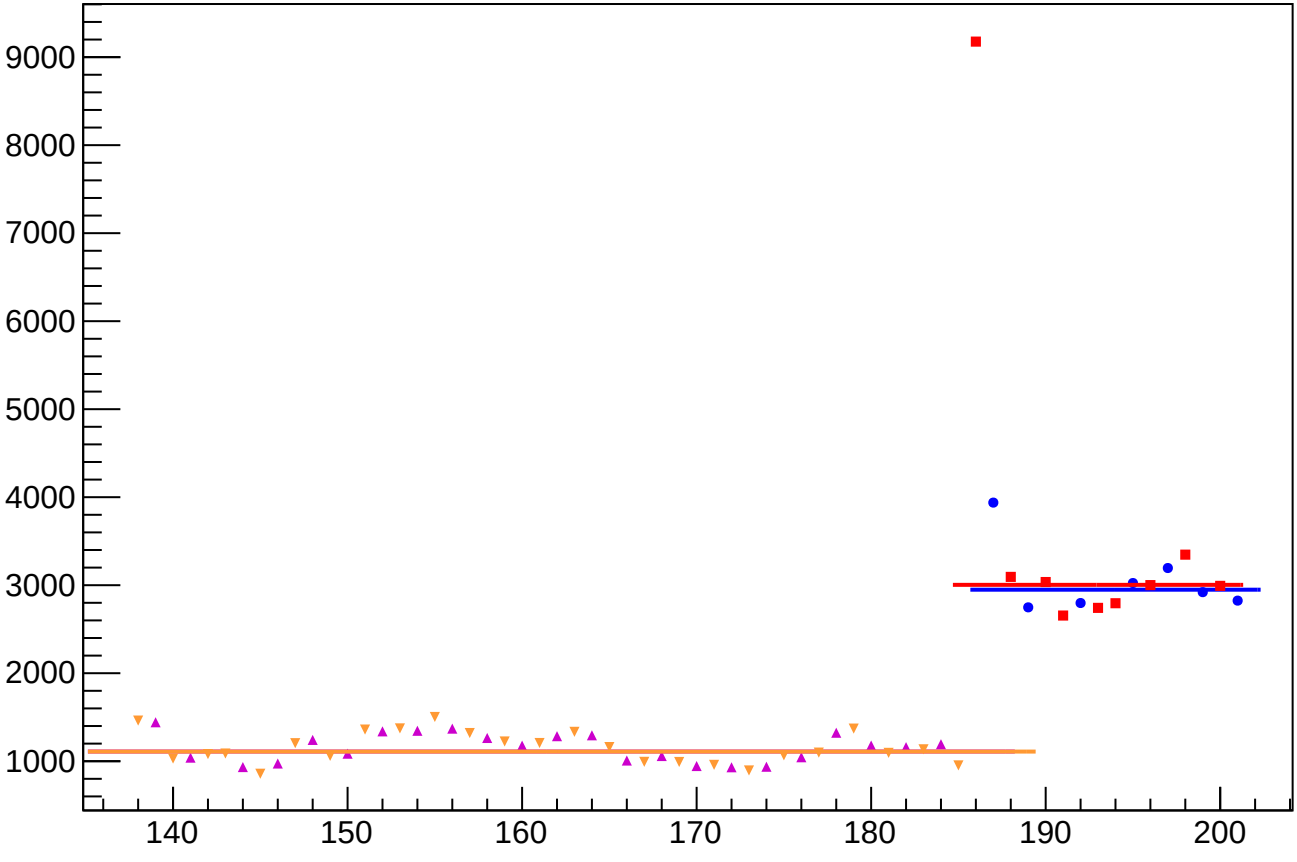
Right: -272.500+/-947.252 χ^2/NDF: 17.1/15

In: -87.713+/-263.027 χ^2/NDF:30.6/29

Out: 1241.609+/-257.061 χ^2/NDF:69.1/33

All: 592.196+/-183.842 χ^2/NDF: 112.7/63

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2948.898+/-1.008 χ^2/NDF: 40026.2/6

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 3004.017+/-0.896 χ^2/NDF: 383883.1/8

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

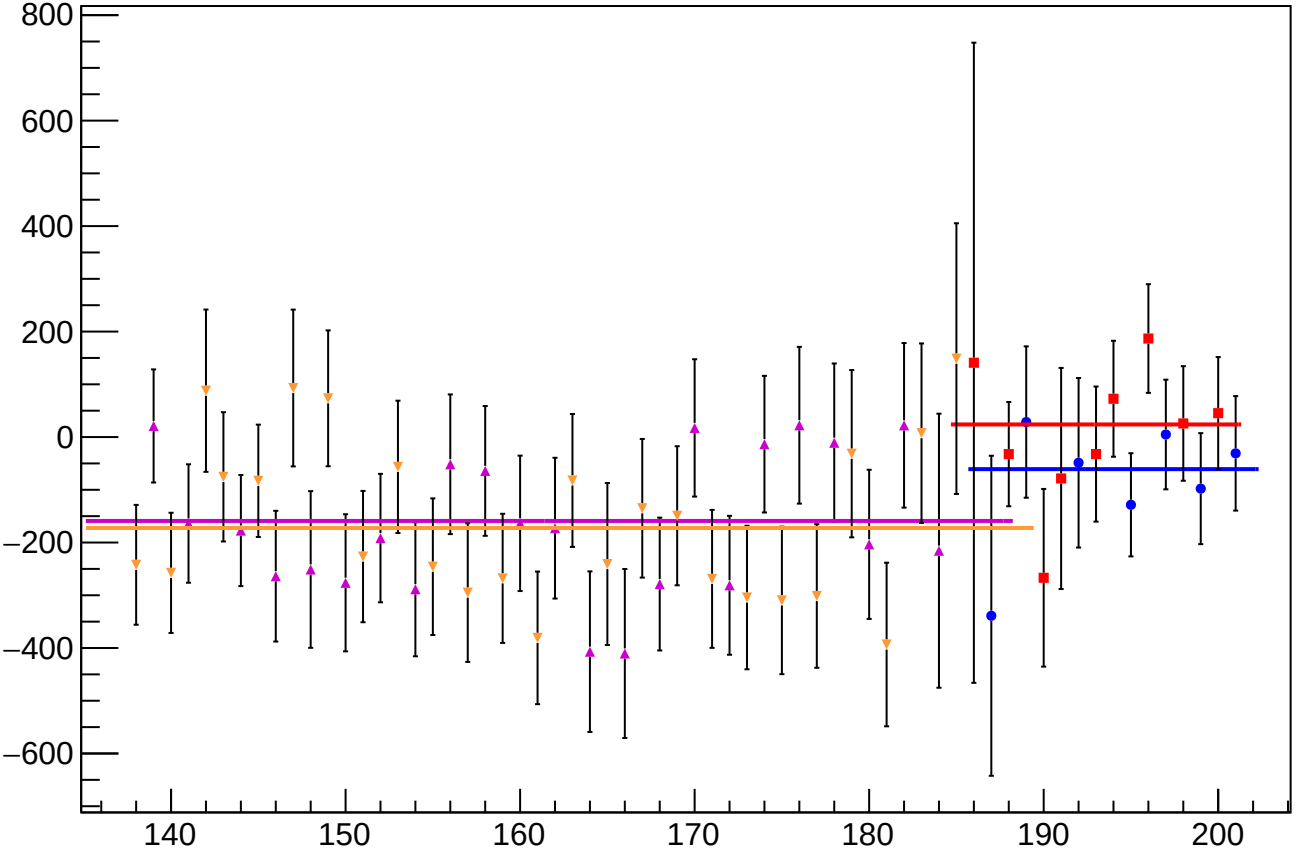
Right: 2979.689+/-0.670 χ^2/NDF: 425578.9/15

In: 1172.737+/-0.186 χ^2/NDF:3926235.3/29

Out: 1187.511+/-0.182 χ^2/NDF:5481716.3/33

All: 1180.293+/-0.130 χ^2/NDF: 9411179.2/63

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -60.854+/-46.109 χ^2/NDF: 2.3/6

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: 23.901+/-41.733 χ^2/NDF: 6.5/8

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

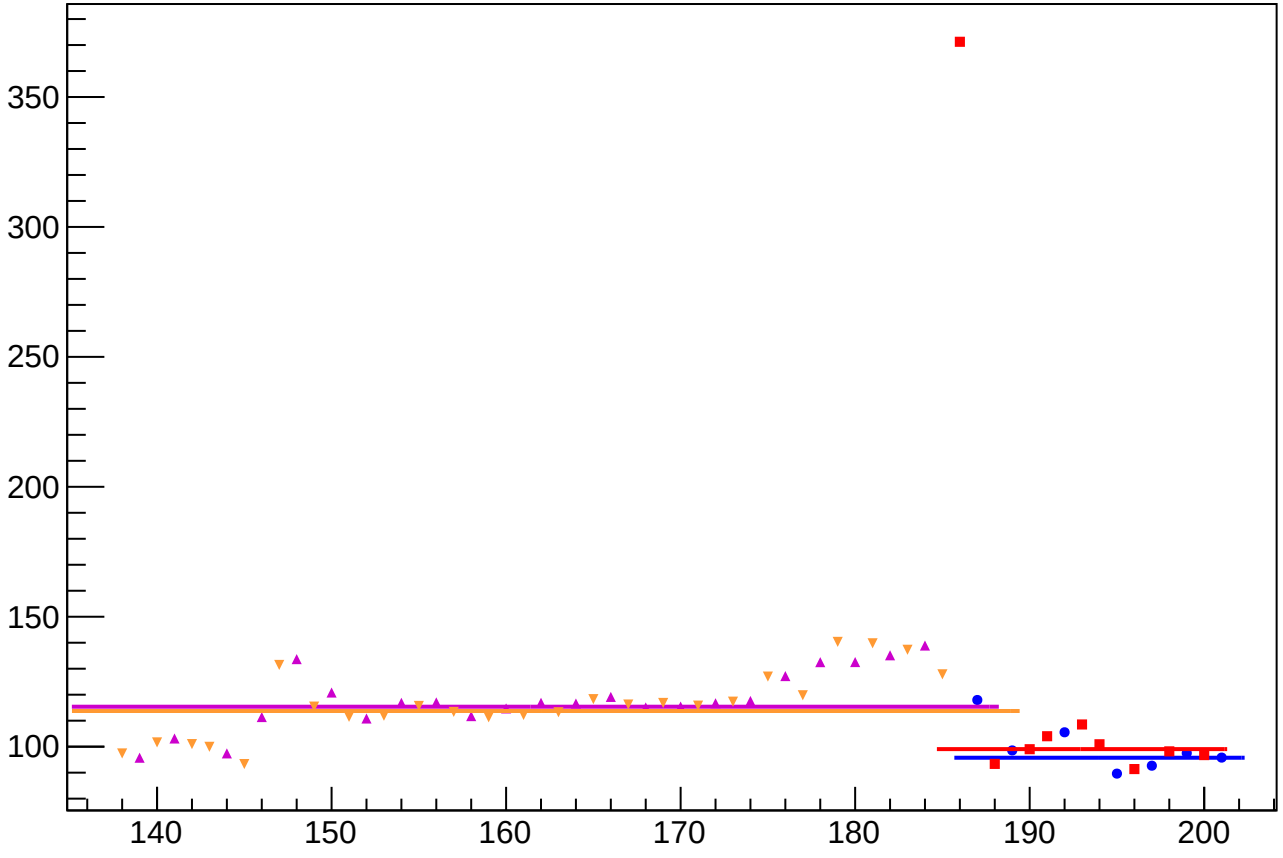
Right: -14.264+/-30.941 χ^2/NDF: 10.7/15

In: -133.132+/-23.687 χ^2/NDF:26.7/29

Out: -115.327+/-22.496 χ^2/NDF:49.4/33

All: -123.771+/-16.312 χ^2/NDF: 76.4/63

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.742+/-0.033 χ^2/NDF: 29042.4/6

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 99.061+/-0.030 χ^2/NDF: 433710.2/8

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

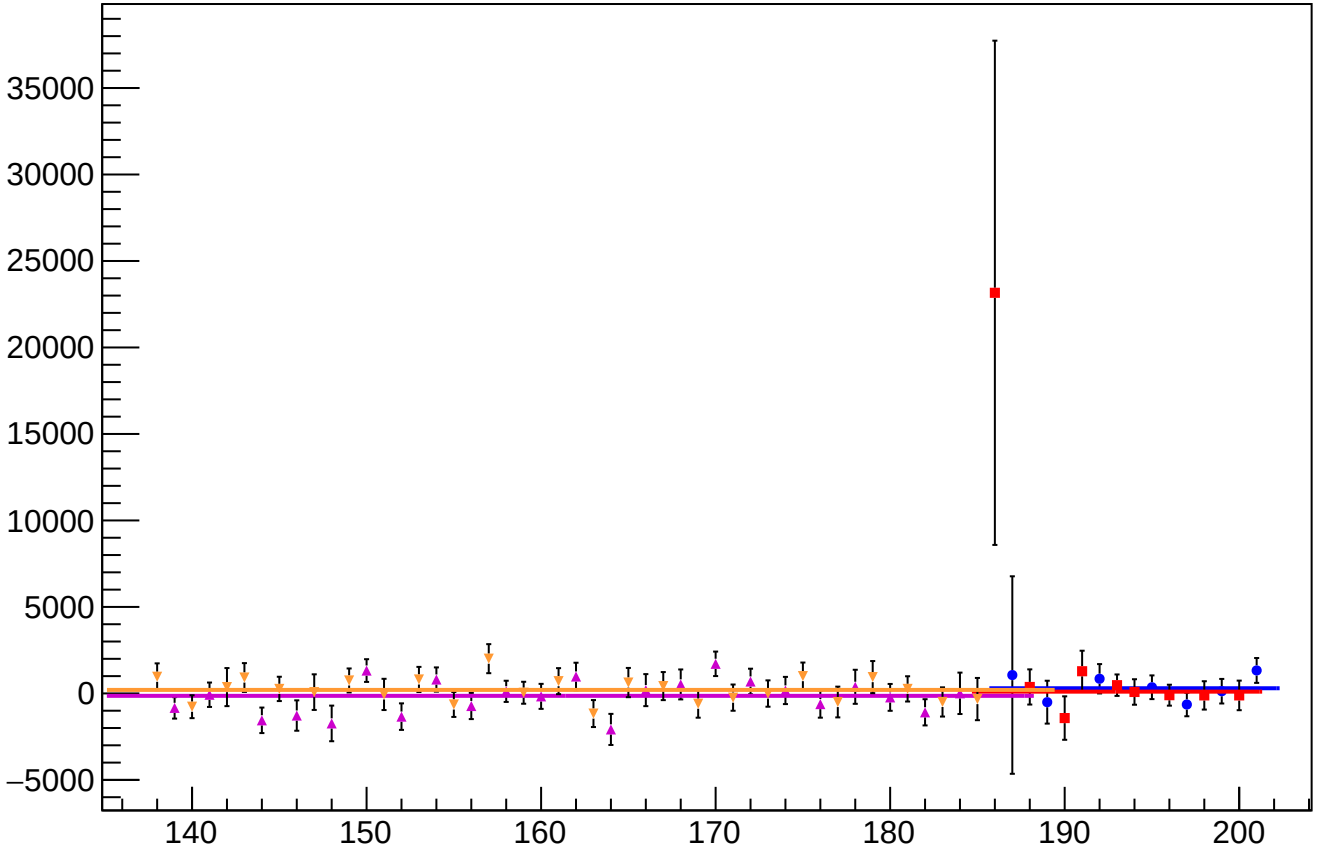
Right: 97.566+/-0.022 χ^2/NDF: 468450.0/15

In: 110.195+/-0.017 χ^2/NDF:605044.9/29

Out: 109.465+/-0.016 χ^2/NDF:1001099.7/33

All: 109.811+/-0.012 χ^2/NDF: 1607142.5/63

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 298.656+/-311.770 χ^2/NDF: 4.9/6

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 102.311+/-284.599 χ^2/NDF: 5.7/8

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

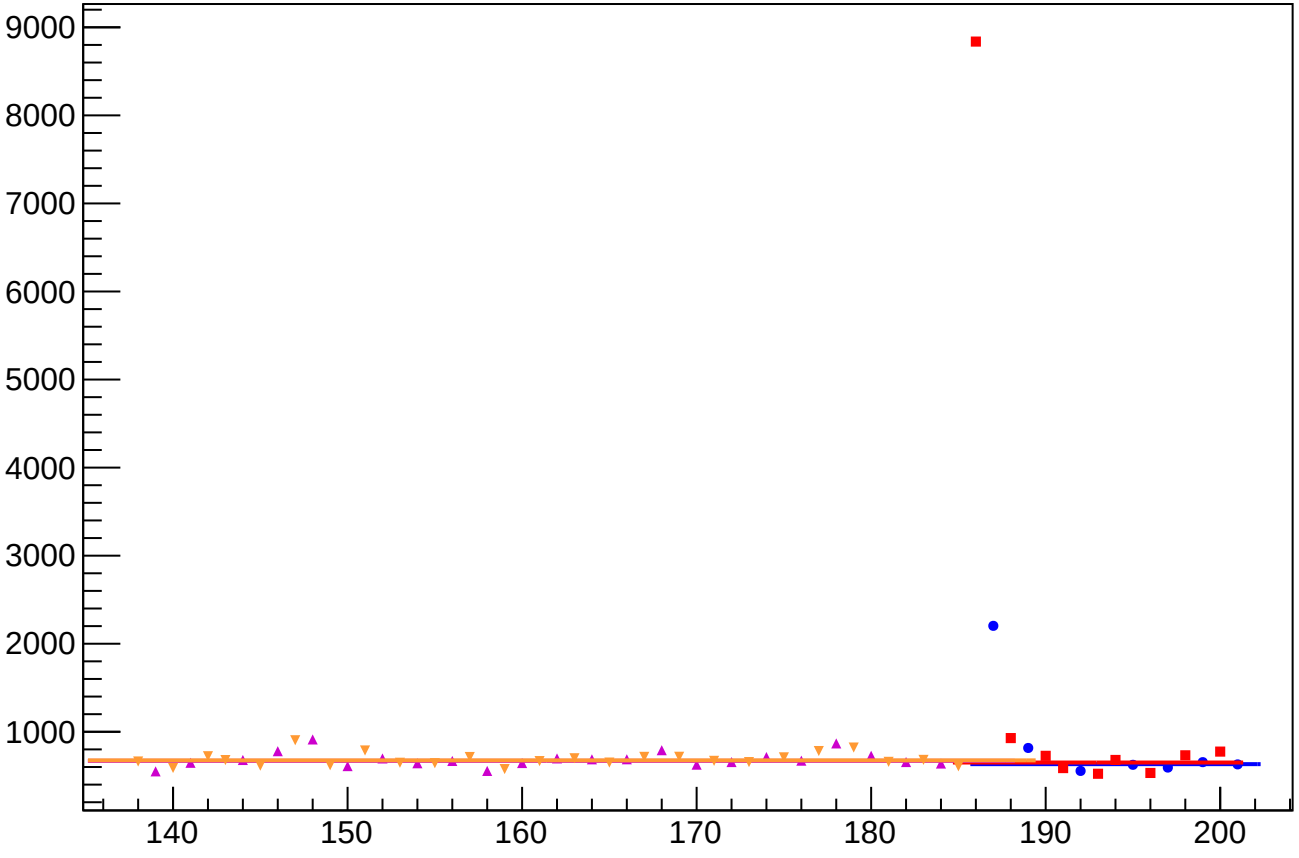
Right: 191.556+/-210.193 χ^2/NDF: 10.8/15

In: -47.658+/-143.069 χ^2/NDF:43.3/29

Out: 178.635+/-138.826 χ^2/NDF:25.5/33

All: 68.893+/-99.631 χ^2/NDF: 70.1/63

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 632.540+/-0.220 χ^2/NDF: 220701.9/6

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 650.992+/-0.201 χ^2/NDF: 1019743.9/8

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

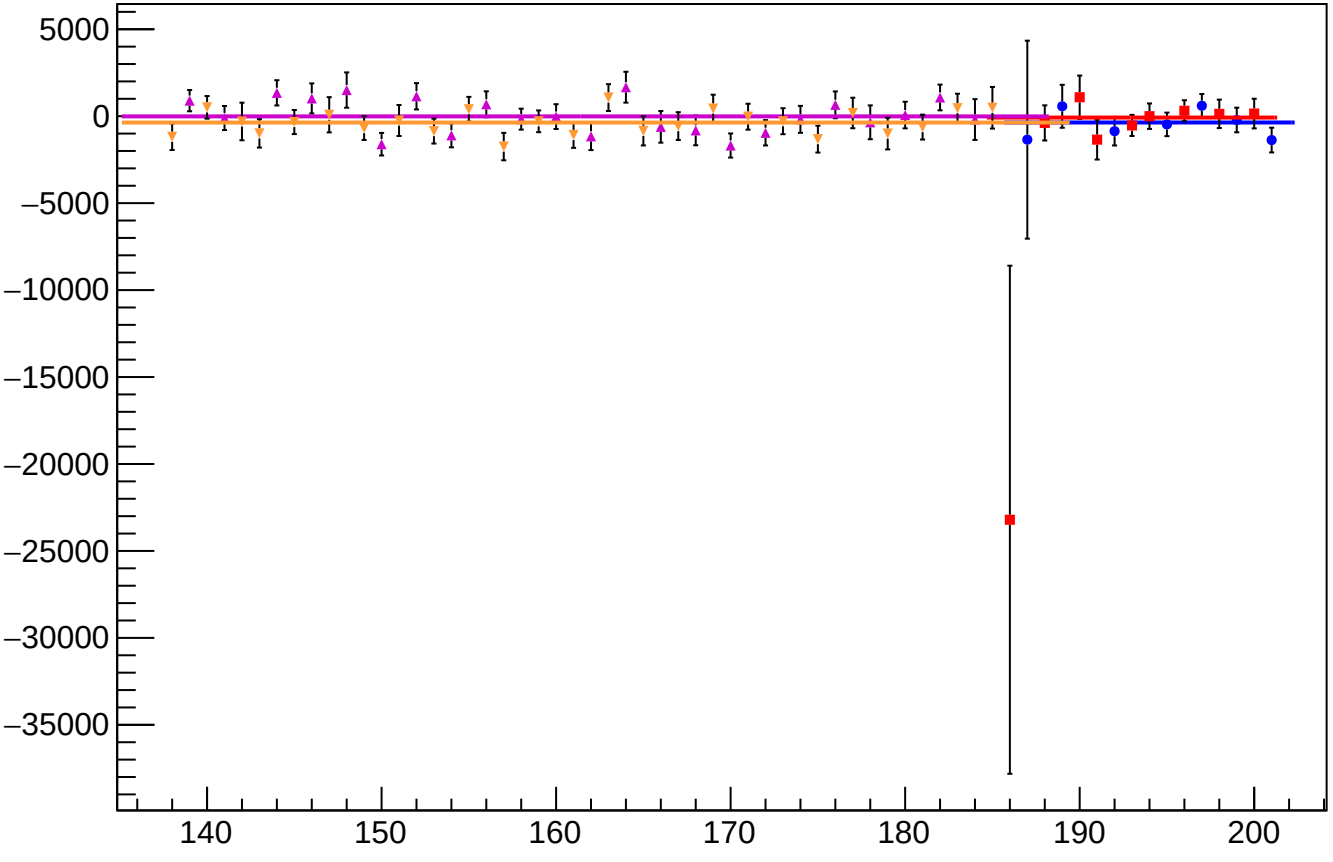
Right: 642.605+/-0.149 χ^2/NDF: 1244267.3/15

In: 662.062+/-0.101 χ^2/NDF:707505.3/29

Out: 669.542+/-0.098 χ^2/NDF:1389607.6/33

All: 665.915+/-0.070 χ^2/NDF: 2099928.7/63

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -362.053+/-308.379 χ^2/NDF: 5.1/6

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -78.649+/-281.841 χ^2/NDF: 5.8/8

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

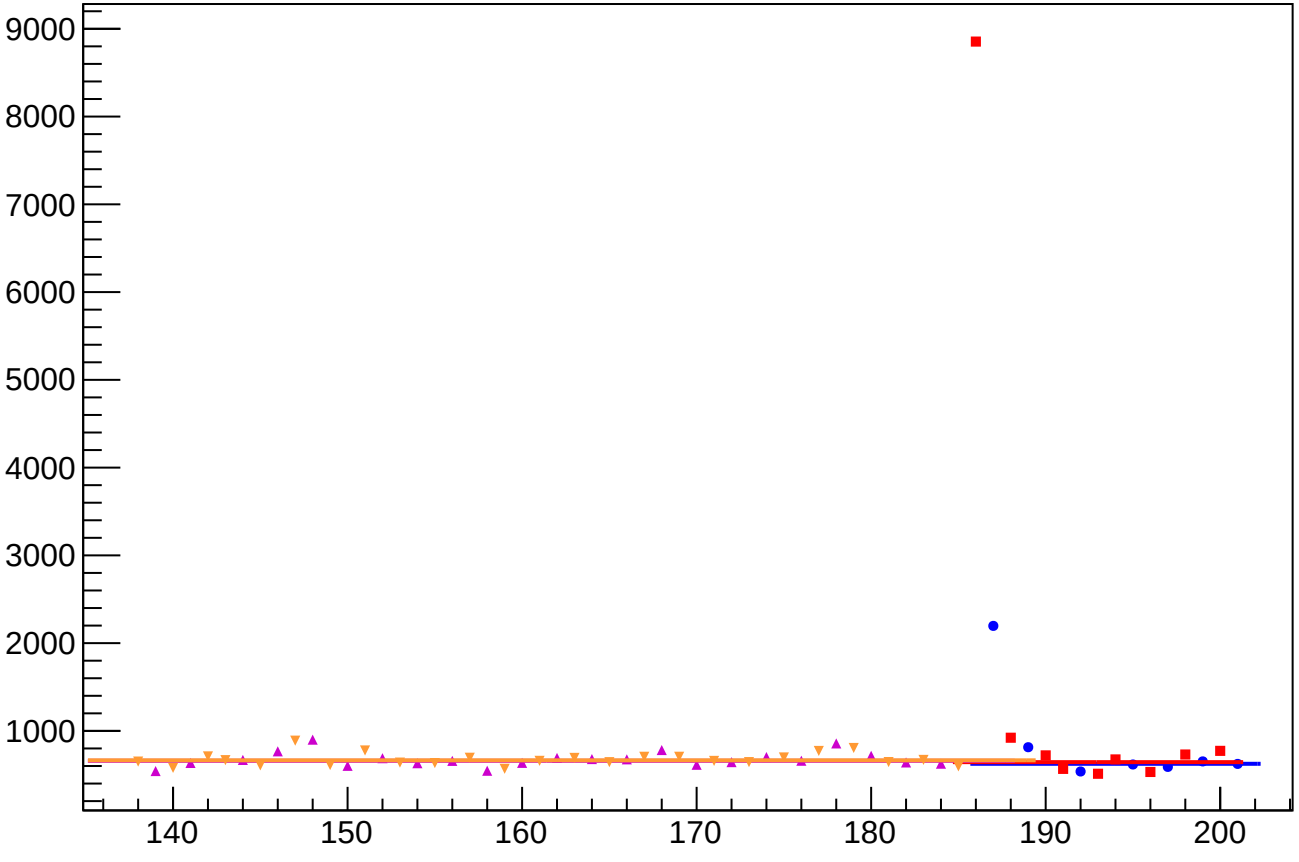
Right: -207.634+/-208.042 χ^2/NDF: 11.4/15

In: -84.549+/-140.968 χ^2/NDF:44.9/29

Out: -297.948+/-136.689 χ^2/NDF:25.4/33

All: -194.537+/-98.131 χ^2/NDF: 71.5/63

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 625.163+/-0.218 χ^2/NDF: 230670.1/6

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 644.055+/-0.199 χ^2/NDF: 1035851.2/8

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

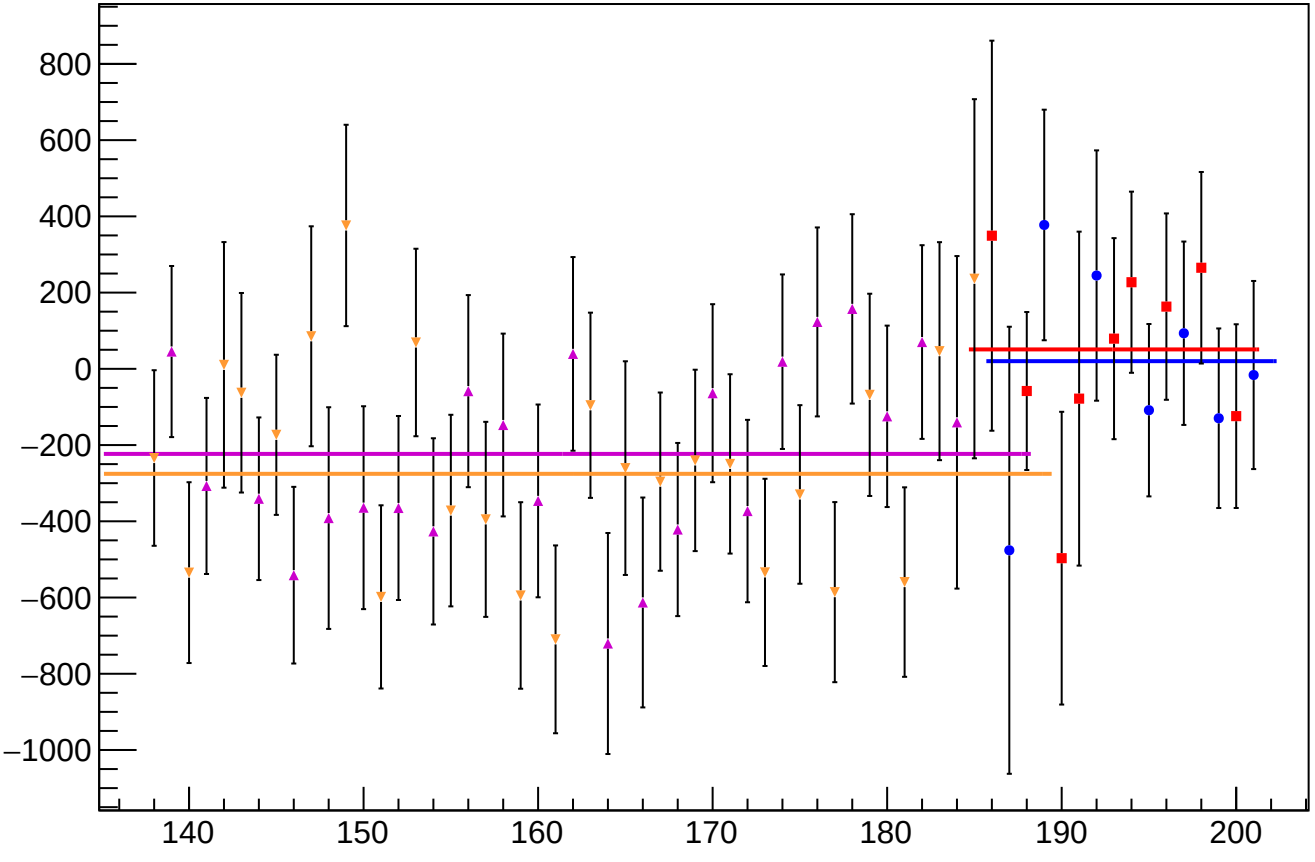
Right: 635.457+/-0.147 χ^2/NDF: 1270611.3/15

In: 652.111+/-0.100 χ^2/NDF:722722.6/29

Out: 659.782+/-0.097 χ^2/NDF:1400957.7/33

All: 656.065+/-0.069 χ^2/NDF: 2126732.1/63

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 20.131+/-102.924 χ^2/NDF: 3.4/6

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 50.937+/-90.923 χ^2/NDF: 4.8/8

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

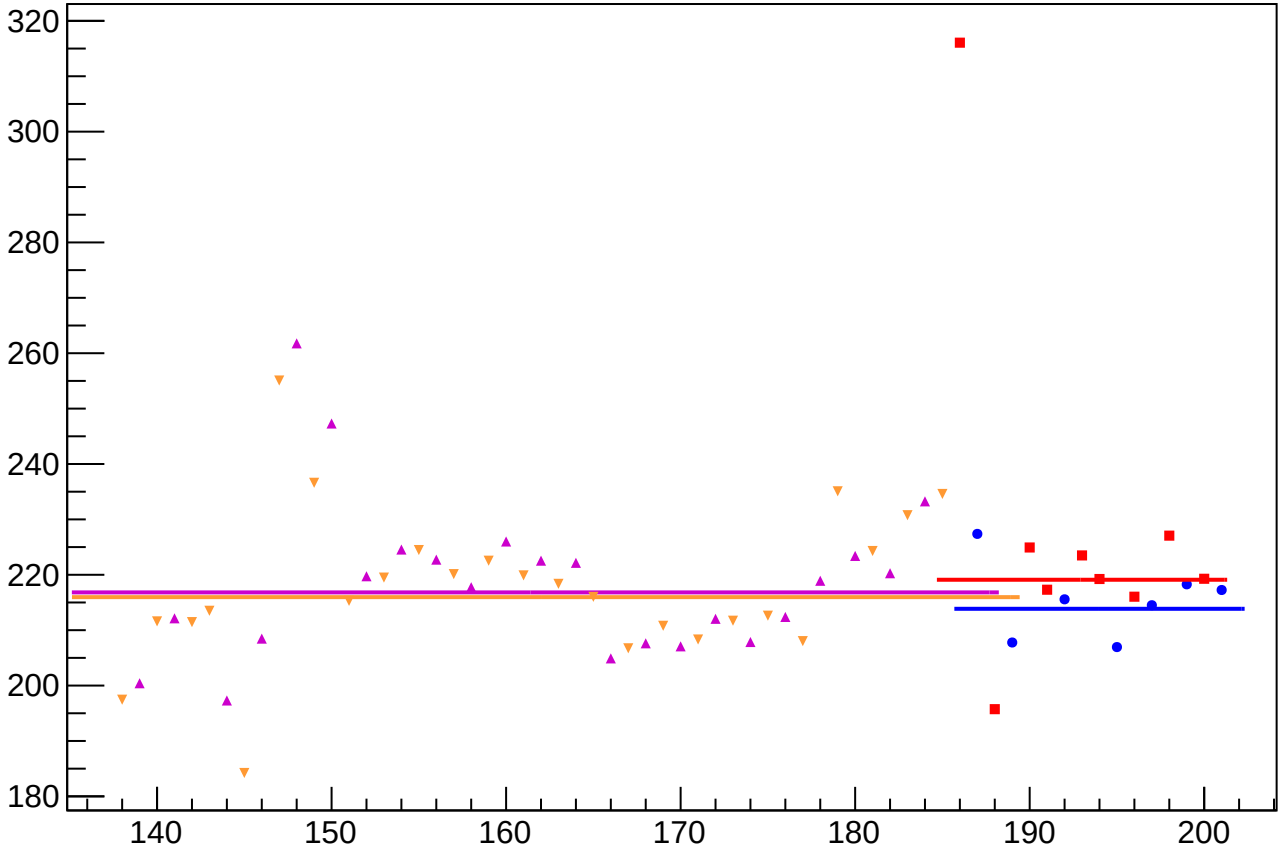
Right: 37.434+/-68.142 χ^2/NDF: 8.2/15

In: -174.106+/-46.229 χ^2/NDF:28.6/29

Out: -198.408+/-44.174 χ^2/NDF:42.0/33

All: -186.809+/-31.937 χ^2/NDF: 70.7/63

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 213.860+/-0.073 χ^2/NDF: 4891.3/6

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 219.103+/-0.064 χ^2/NDF: 100603.0/8

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

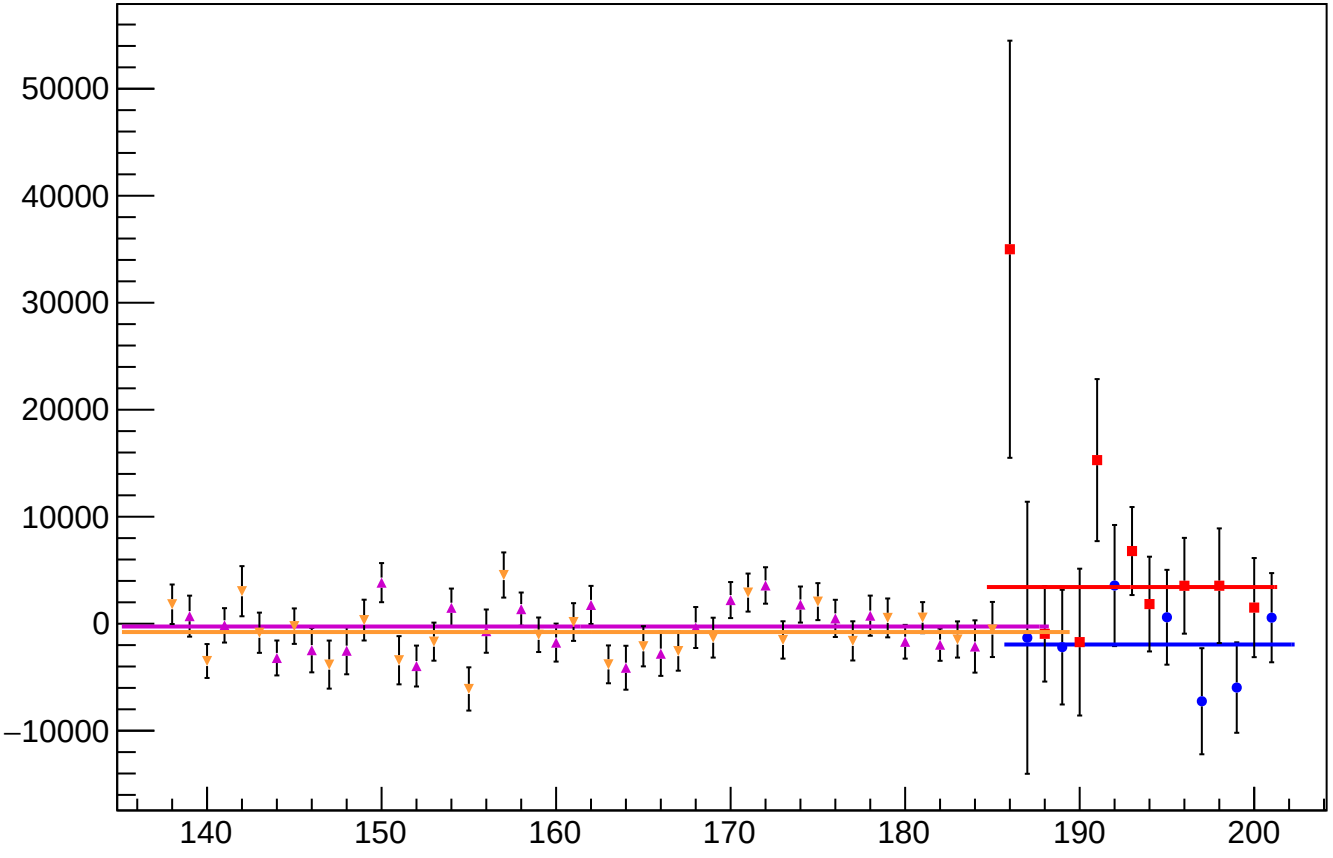
Right: 216.805+/-0.048 χ^2/NDF: 108410.1/15

In: 216.224+/-0.033 χ^2/NDF:138731.8/29

Out: 216.704+/-0.031 χ^2/NDF:247160.7/33

All: 216.475+/-0.023 χ^2/NDF: 386005.6/63

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1942.816+/-1898.801 χ^2/NDF: 3.7/6

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 3426.750+/-1733.130 χ^2/NDF: 7.6/8

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

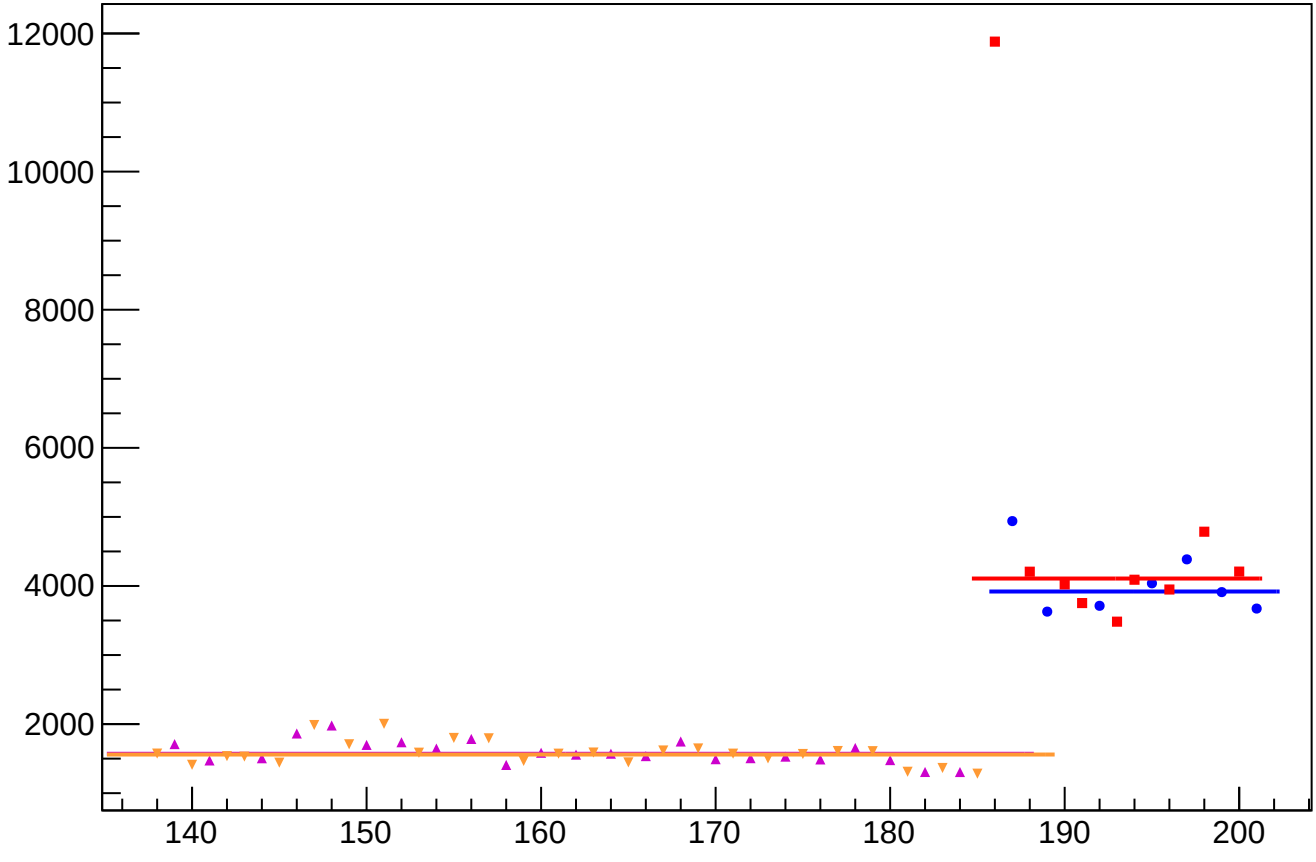
Right: 986.393+/-1280.079 χ^2/NDF: 15.6/15

In: -325.308+/-369.029 χ^2/NDF:39.9/29

Out: -598.678+/-359.006 χ^2/NDF:51.7/33

All: -465.756+/-257.326 χ^2/NDF: 91.9/63

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3919.932+/-1.343 χ^2/NDF: 47546.0/6

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 4107.783+/-1.226 χ^2/NDF: 405386.3/8

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

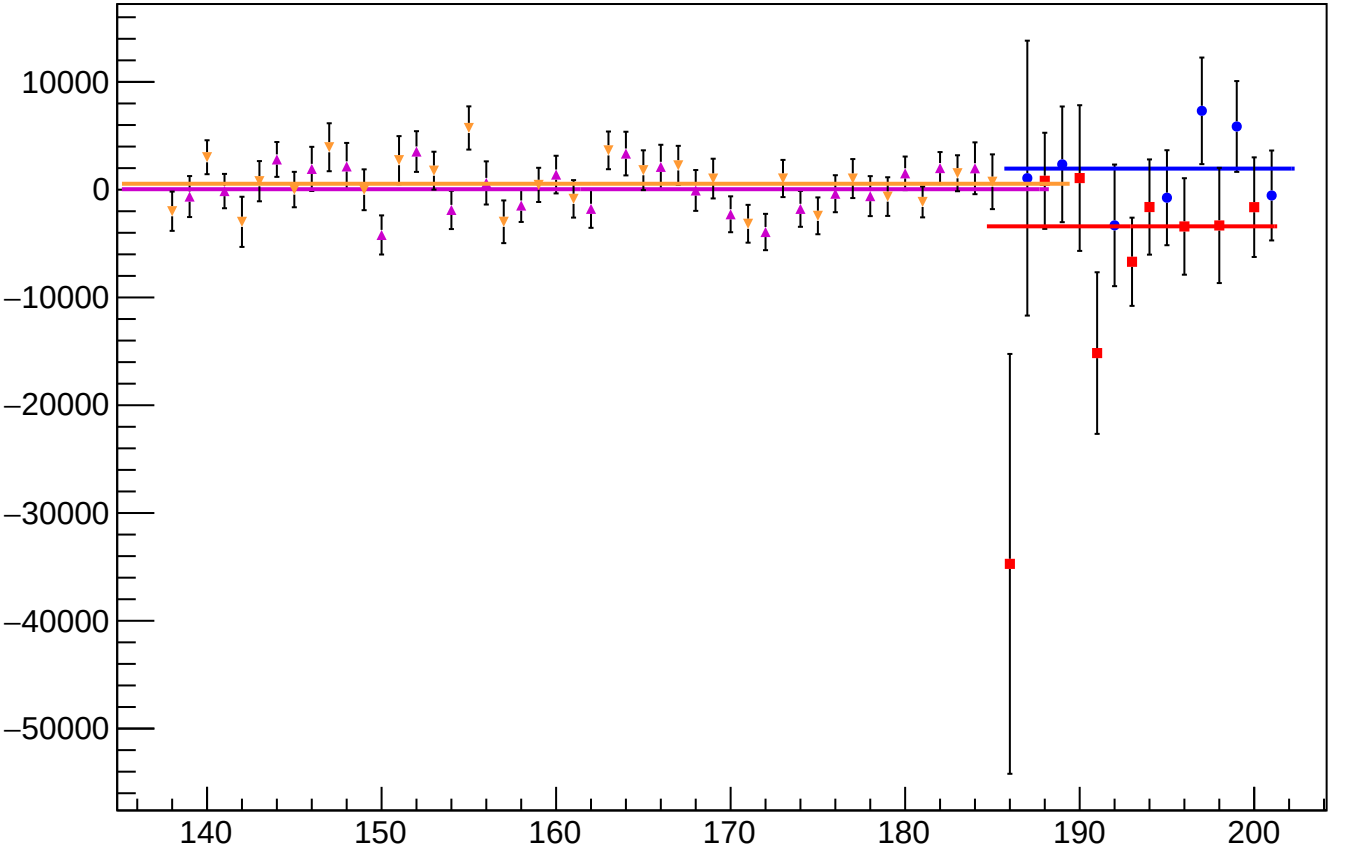
Right: 4022.409+/-0.905 χ^2/NDF: 463610.7/15

In: 1659.078+/-0.261 χ^2/NDF:3323692.5/29

Out: 1668.846+/-0.254 χ^2/NDF:4922782.3/33

All: 1664.097+/-0.182 χ^2/NDF: 8247194.8/63

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1955.827+/-1894.997 χ^2/NDF: 3.6/6

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -3400.718+/-1726.862 χ^2/NDF: 7.3/8

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

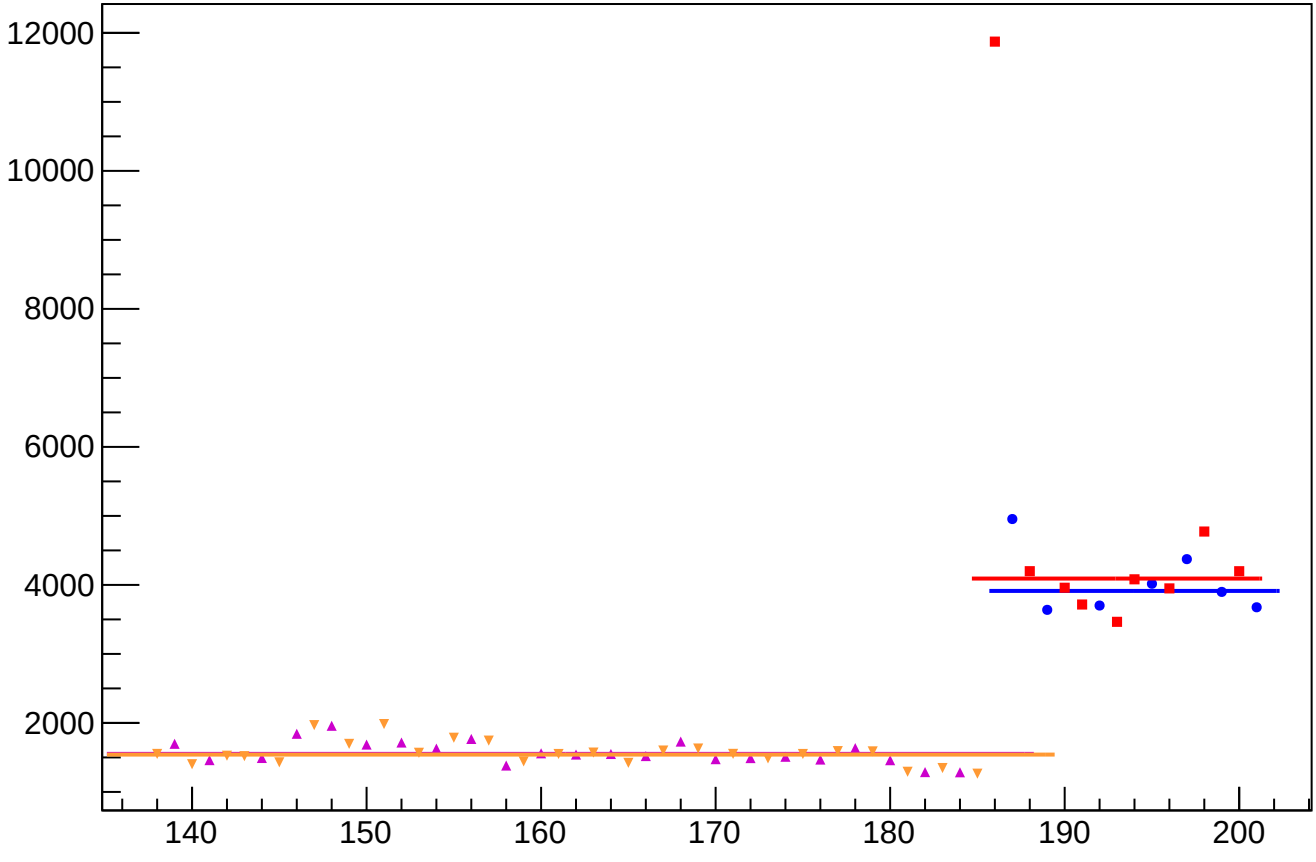
Right: -970.574+/-1276.386 χ^2/NDF: 15.4/15

In: 114.805+/-364.811 χ^2/NDF:38.2/29

Out: 383.635+/-354.460 χ^2/NDF:47.9/33

All: 253.088+/-254.222 χ^2/NDF: 86.3/63

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3912.932+/-1.340 χ^2/NDF: 46342.9/6

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 4092.107+/-1.221 χ^2/NDF: 408700.0/8

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

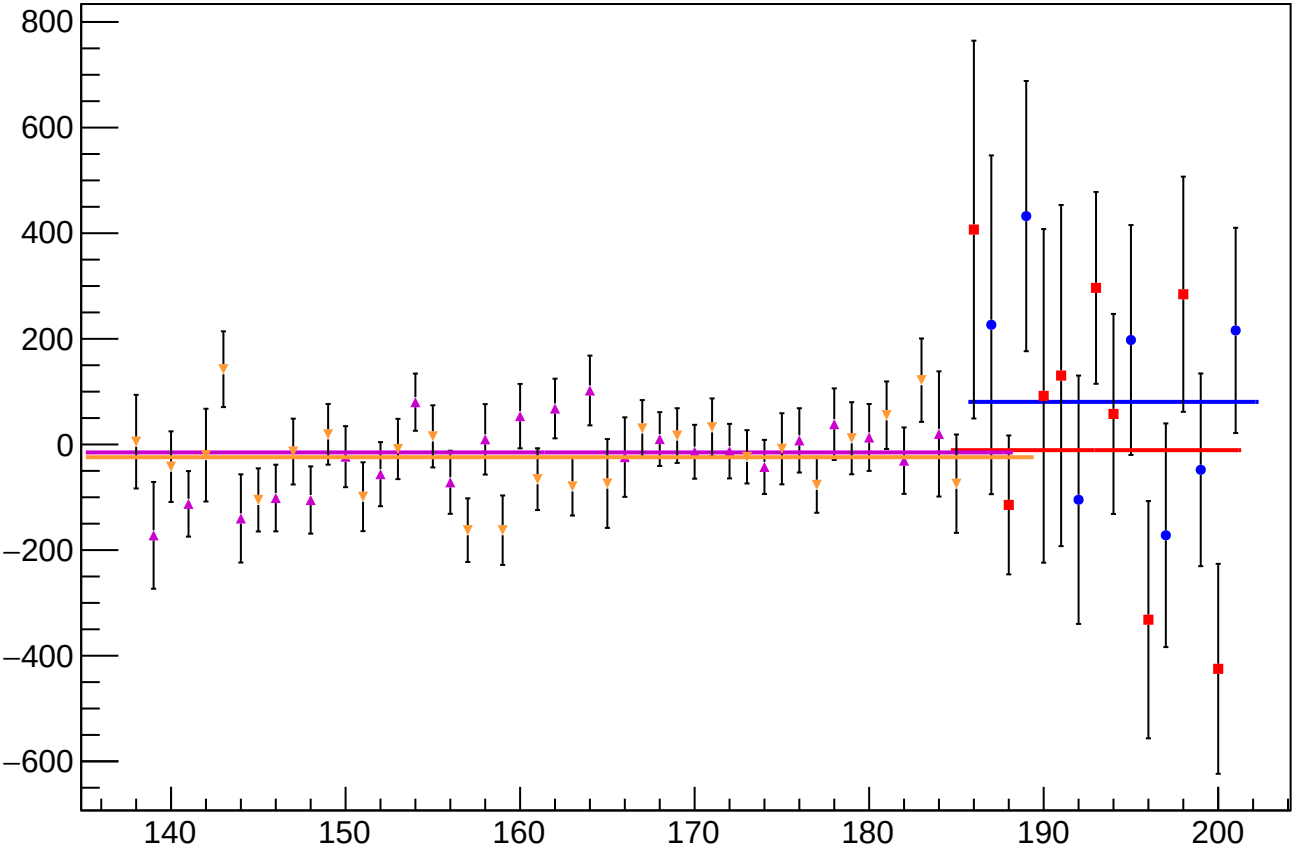
Right: 4010.820+/-0.903 χ^2/NDF: 464811.1/15

In: 1638.999+/-0.258 χ^2/NDF:3376023.4/29

Out: 1648.628+/-0.251 χ^2/NDF:4971264.5/33

All: 1643.952+/-0.180 χ^2/NDF: 8348004.5/63

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 80.652+/-83.618 χ^2/NDF: 5.4/6

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: -10.784+/-69.214 χ^2/NDF: 13.4/8

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

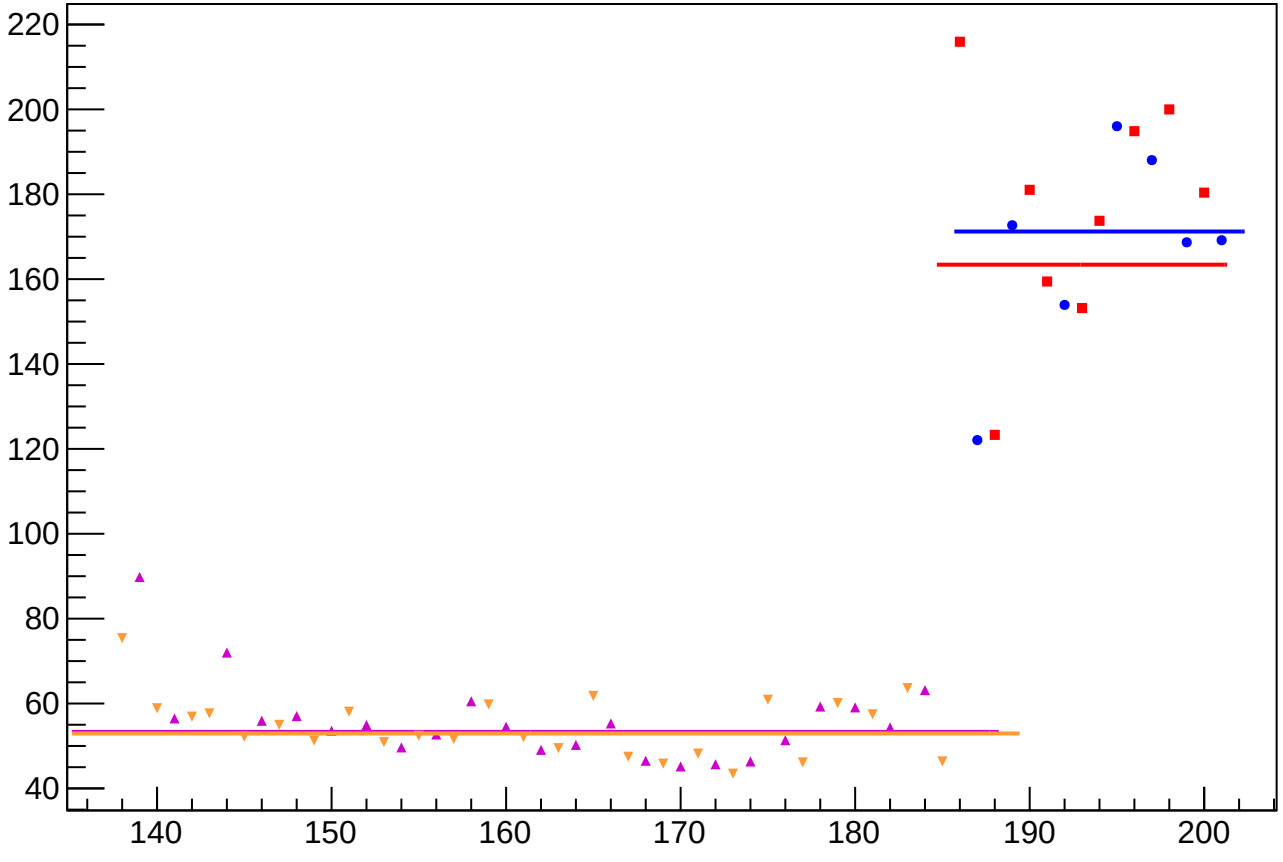
Right: 26.392+/-53.318 χ^2/NDF: 19.5/15

In: -12.826+/-12.770 χ^2/NDF:30.5/29

Out: -23.703+/-12.325 χ^2/NDF:44.1/33

All: -18.457+/-8.868 χ^2/NDF: 75.0/63

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 171.222+/-0.059 χ^2/NDF: 97066.3/6

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 163.411+/-0.049 χ^2/NDF: 355714.0/8

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

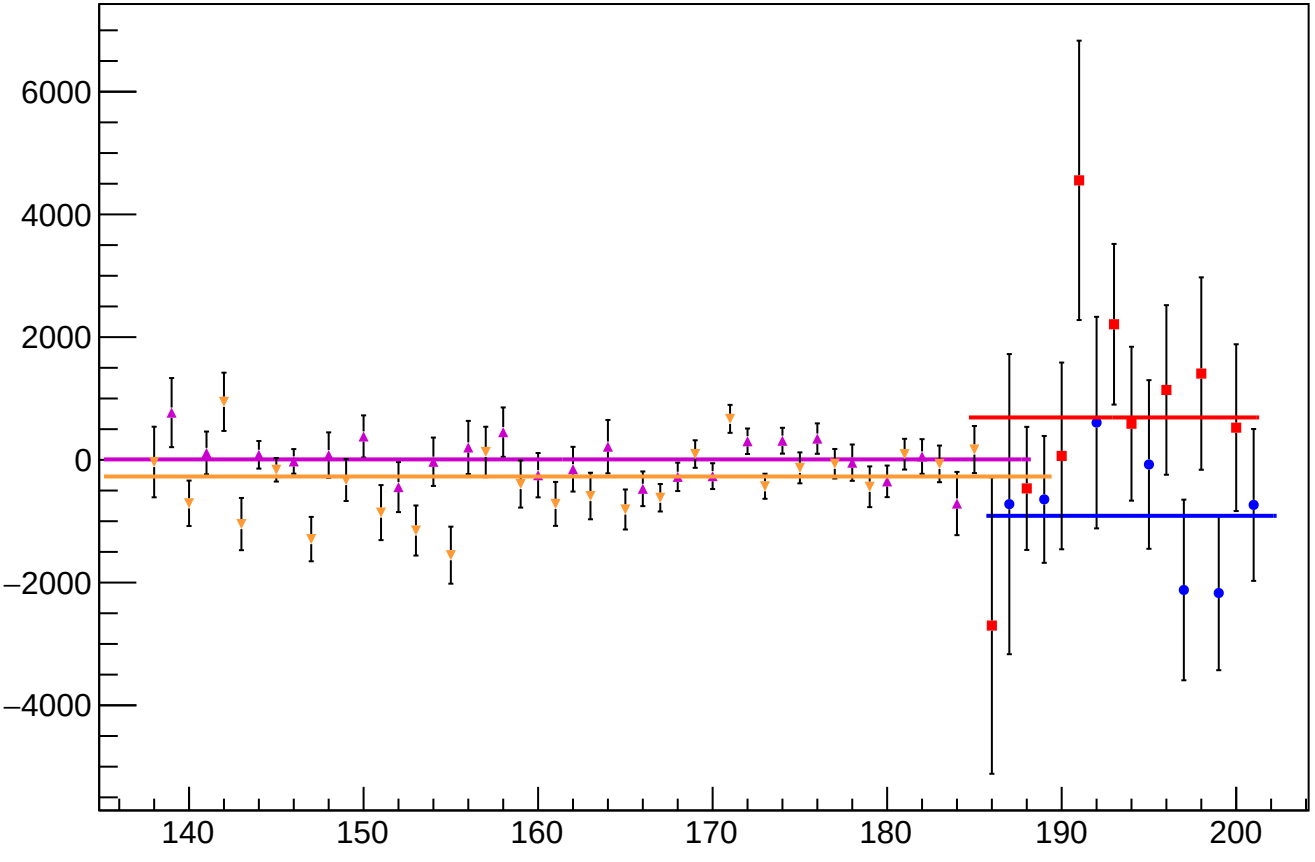
Right: 166.587+/-0.038 χ^2/NDF: 463137.0/15

In: 56.062+/-0.009 χ^2/NDF:4625312.5/29

Out: 56.445+/-0.009 χ^2/NDF:5802072.4/33

All: 56.260+/-0.006 χ^2/NDF: 10428315.8/63

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -912.046+/-518.817 χ^2/NDF: 2.9/6

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 691.224+/-472.340 χ^2/NDF: 8.0/8

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

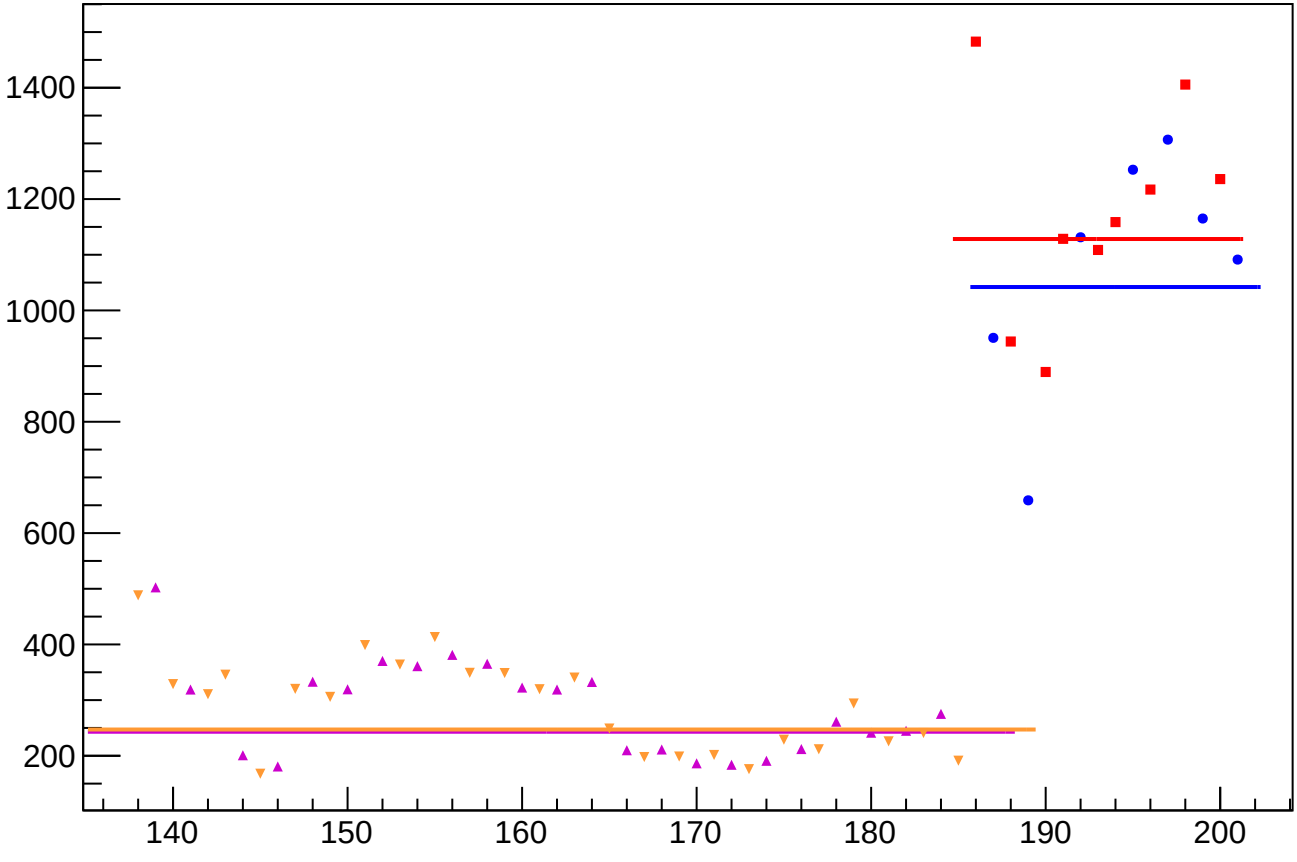
Right: -35.396+/-349.273 χ^2/NDF: 16.2/15

In: -4.733+/-59.924 χ^2/NDF:28.9/29

Out: -255.813+/-59.800 χ^2/NDF:79.8/33

All: -130.534+/-42.329 χ^2/NDF: 117.4/63

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 1042.031+/-0.367 χ^2/NDF: 416855.5/6

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1128.275+/-0.334 χ^2/NDF: 244847.0/8

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

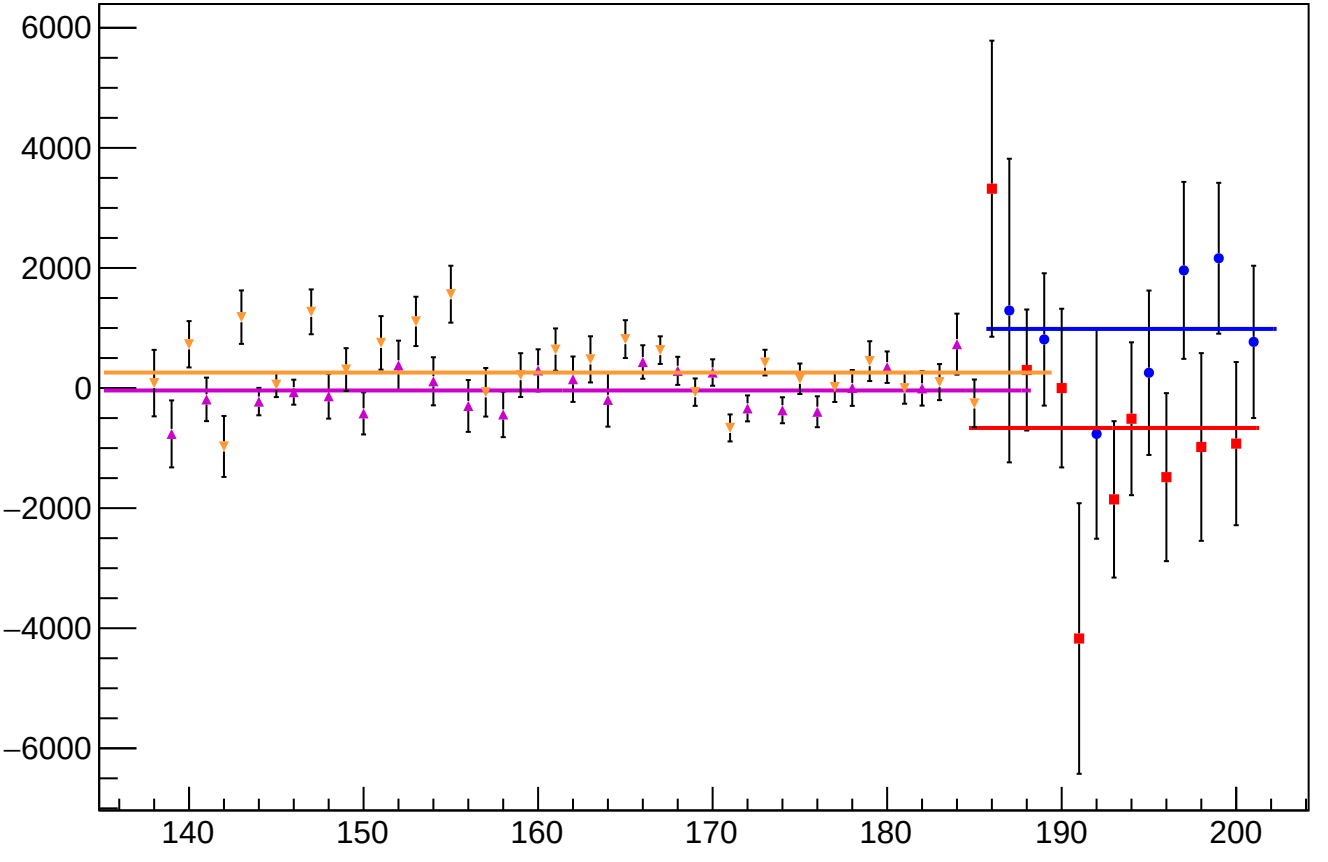
Right: 1089.188+/-0.247 χ^2/NDF: 691921.3/15

In: 253.846+/-0.042 χ^2/NDF:7666377.9/29

Out: 261.288+/-0.042 χ^2/NDF:9946138.6/33

All: 257.575+/-0.030 χ^2/NDF: 17627974.4/63

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 984.927+/-530.201 χ^2/NDF: 2.7/6

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -664.585+/-466.913 χ^2/NDF: 7.5/8

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

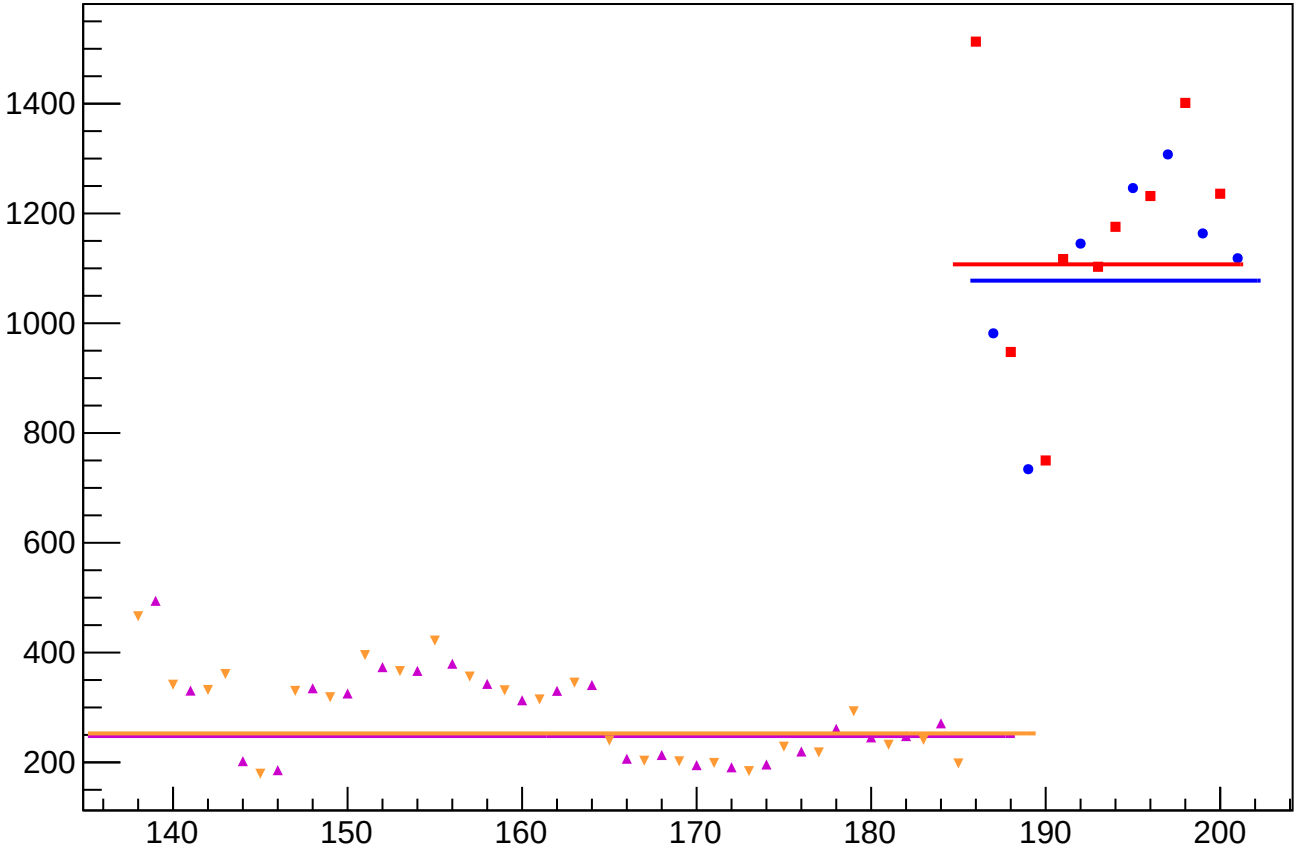
Right: 55.895+/-350.408 χ^2/NDF: 15.6/15

In: -26.410+/-61.086 χ^2/NDF:31.4/29

Out: 242.316+/-60.961 χ^2/NDF:76.3/33

All: 108.227+/-43.150 χ^2/NDF: 117.4/63

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 1077.601+/-0.375 χ^2/NDF: 290687.4/6

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 1107.298+/-0.330 χ^2/NDF: 360944.7/8

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

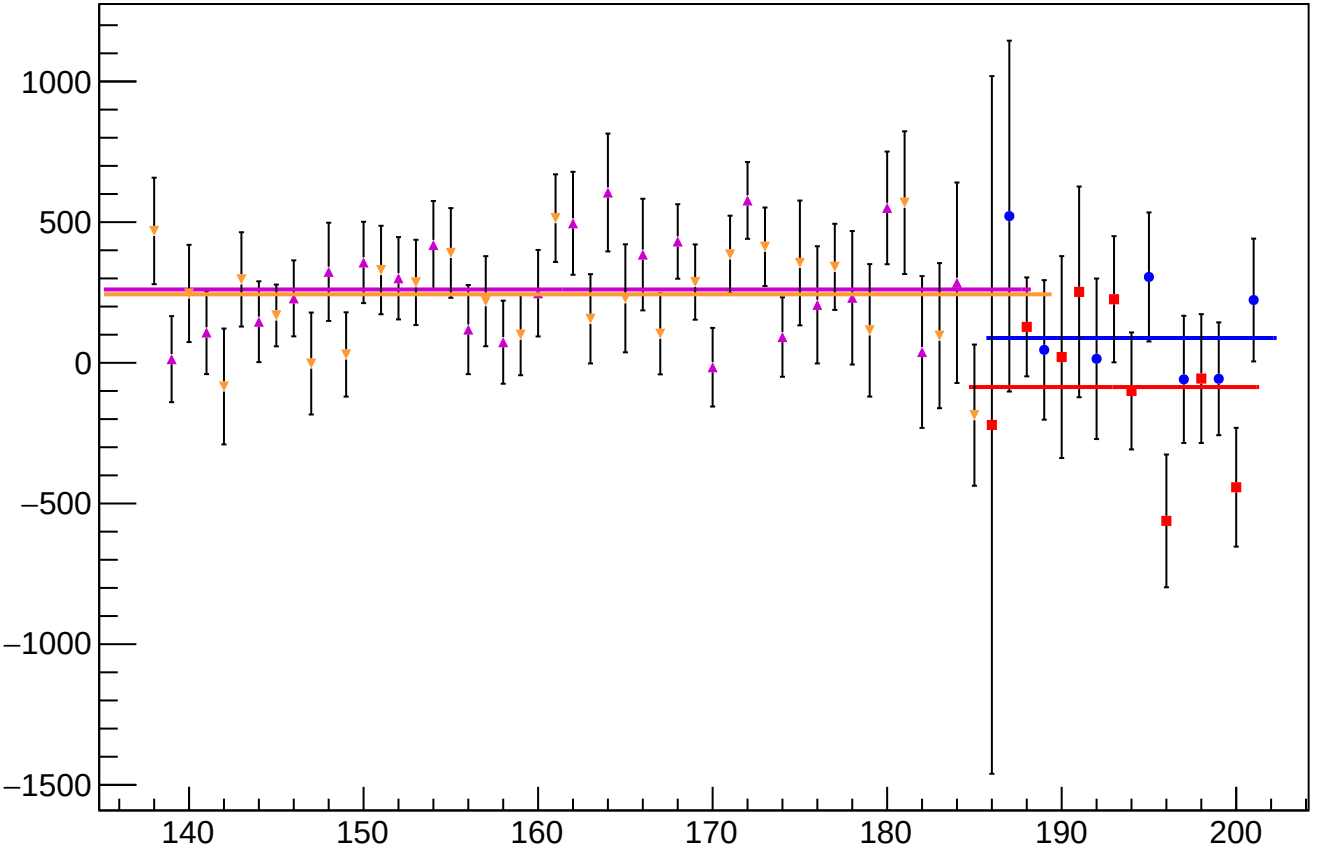
Right: 1094.327+/-0.248 χ^2/NDF: 655166.0/15

In: 258.932+/-0.043 χ^2/NDF:7497865.6/29

Out: 267.288+/-0.043 χ^2/NDF:9595315.7/33

All: 263.119+/-0.031 χ^2/NDF: 17111933.9/63

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 88.222+/-93.014 χ^2/NDF: 2.8/6

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: -86.050+/-81.541 χ^2/NDF: 11.3/8

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

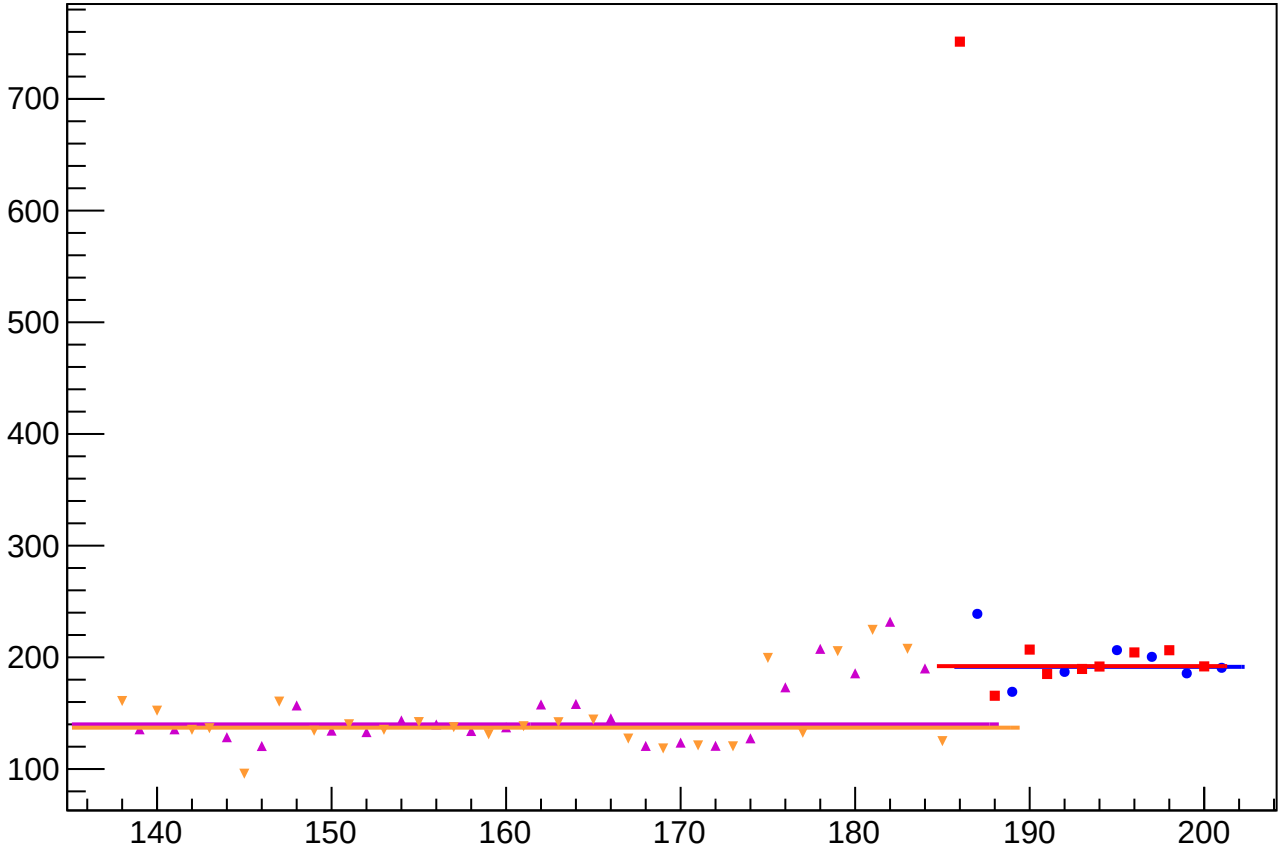
Right: -10.319+/-61.316 χ^2/NDF: 16.1/15

In: 240.427+/-31.924 χ^2/NDF:34.3/29

Out: 197.702+/-30.381 χ^2/NDF:48.7/33

All: 218.007+/-22.008 χ^2/NDF: 84.0/63

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 191.492+/-0.066 χ^2/NDF: 41704.2/6

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 192.121+/-0.058 χ^2/NDF: 469739.2/8

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

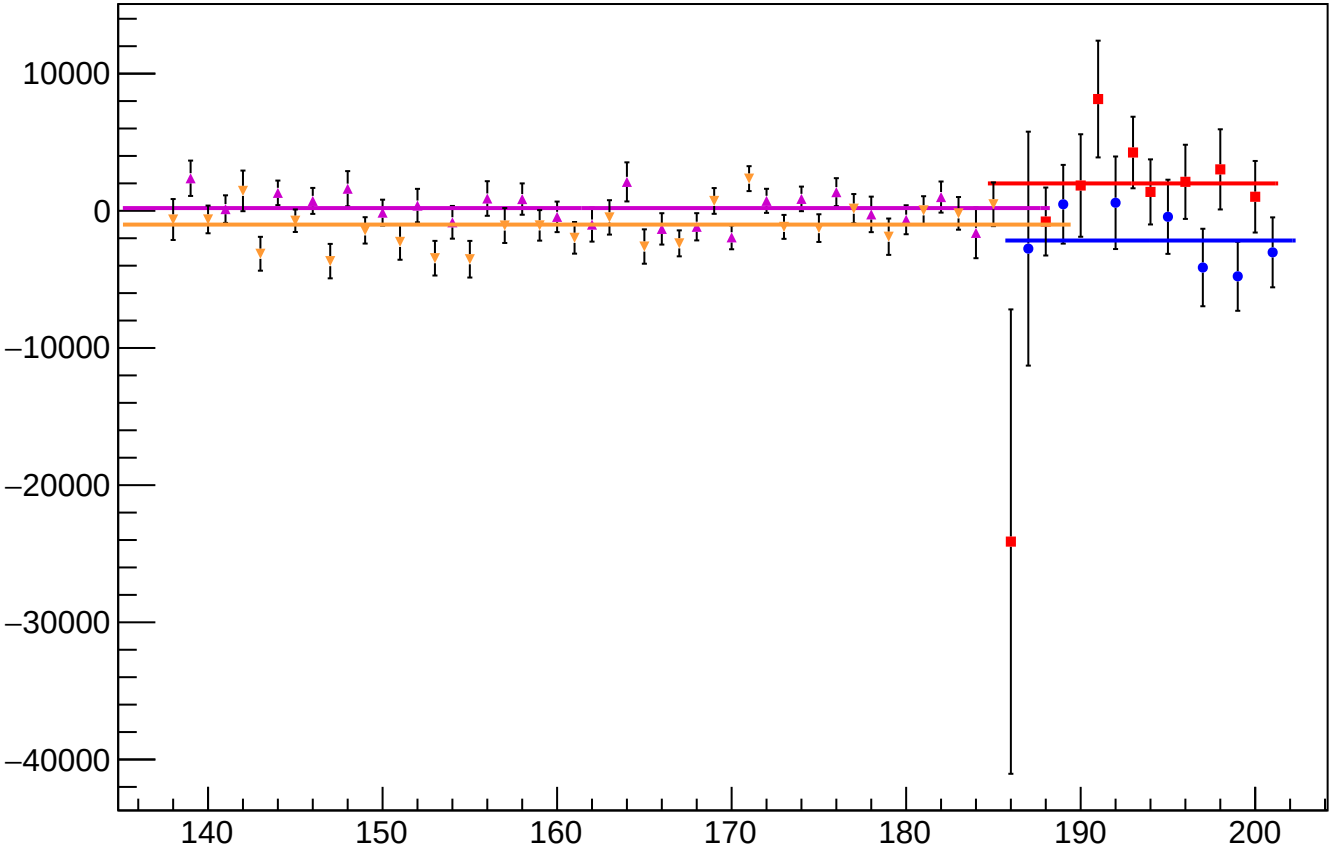
Right: 191.848+/-0.043 χ^2/NDF: 511495.0/15

In: 146.035+/-0.023 χ^2/NDF:1421292.8/29

Out: 144.683+/-0.021 χ^2/NDF:2456153.7/33

All: 145.326+/-0.016 χ^2/NDF: 3879331.3/63

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -2166.054+/-1120.023 χ^2/NDF: 3.6/6

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 1995.690+/-990.715 χ^2/NDF: 6.8/8

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

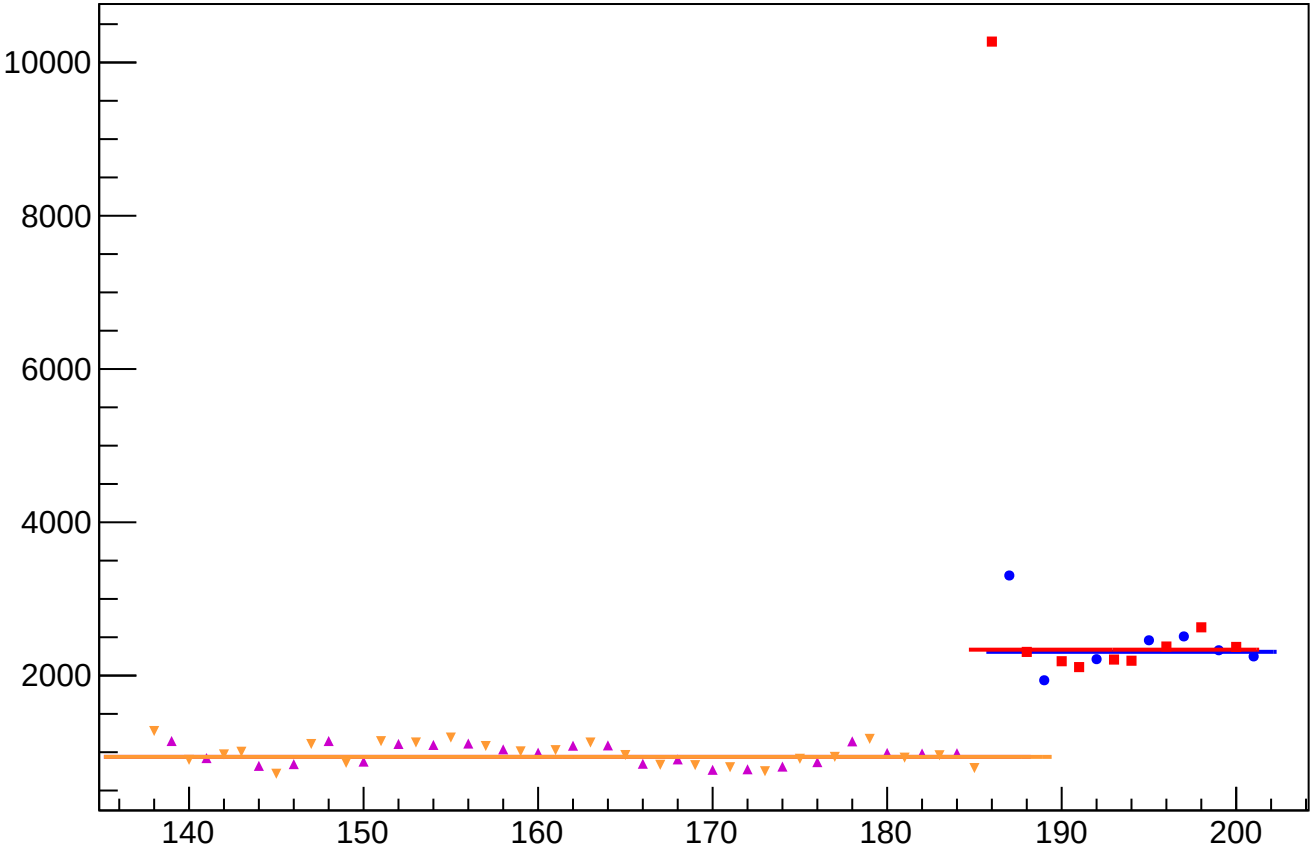
Right: 168.822+/-742.067 χ^2/NDF: 18.2/15

In: 106.142+/-221.533 χ^2/NDF:32.5/29

Out: -860.451+/-216.988 χ^2/NDF:60.2/33

All: -387.171+/-155.015 χ^2/NDF: 102.4/63

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.868+/-0.792 χ^2/NDF: 79932.8/6

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2337.931+/-0.701 χ^2/NDF: 481702.9/8

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

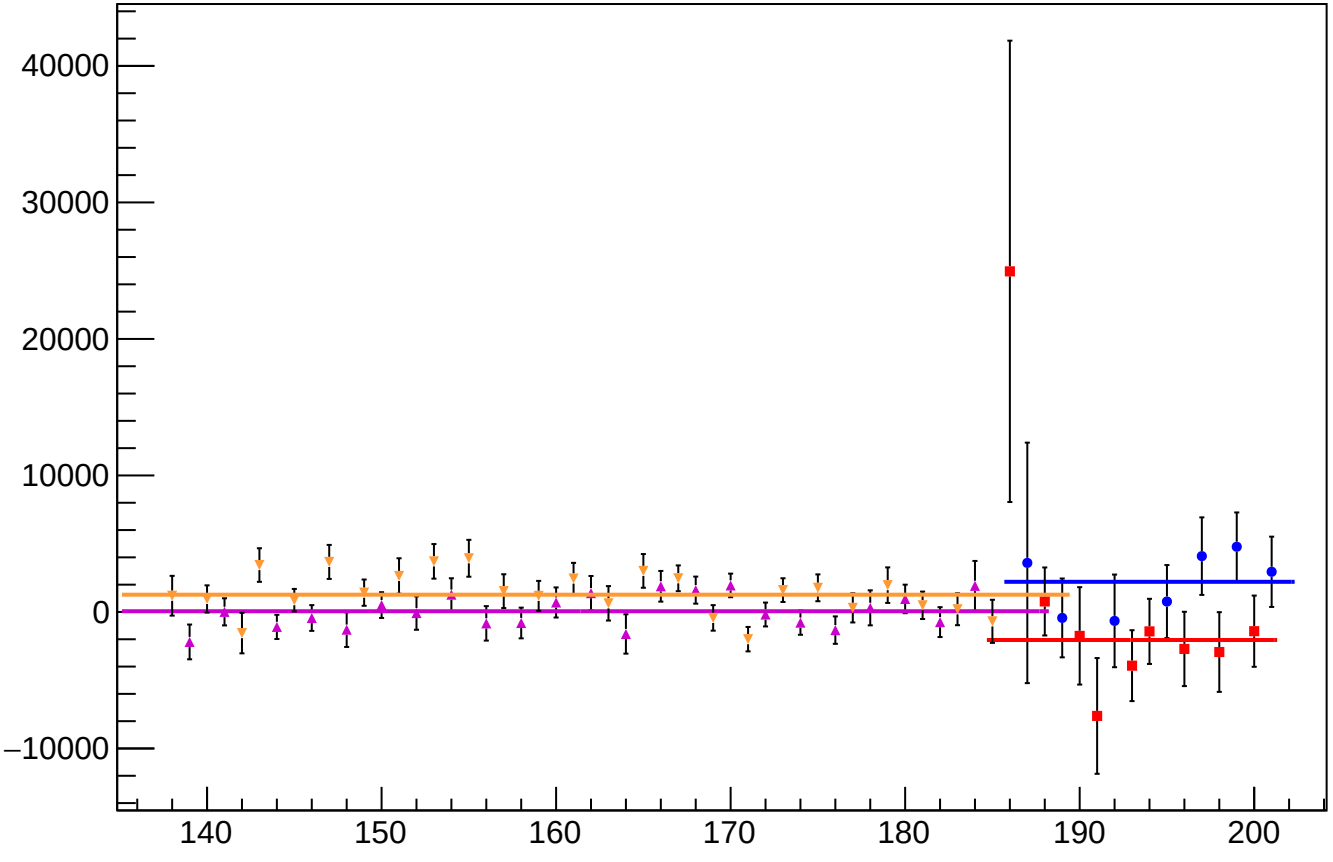
Right: 2325.613+/-0.525 χ^2/NDF: 562340.1/15

In: 992.396+/-0.157 χ^2/NDF:3571340.1/29

Out: 1006.096+/-0.153 χ^2/NDF:5106600.9/33

All: 999.388+/-0.110 χ^2/NDF: 8681844.9/63

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 2209.119+/-1123.115 χ^2/NDF: 3.4/6

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -2054.186+/-989.078 χ^2/NDF: 6.4/8

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

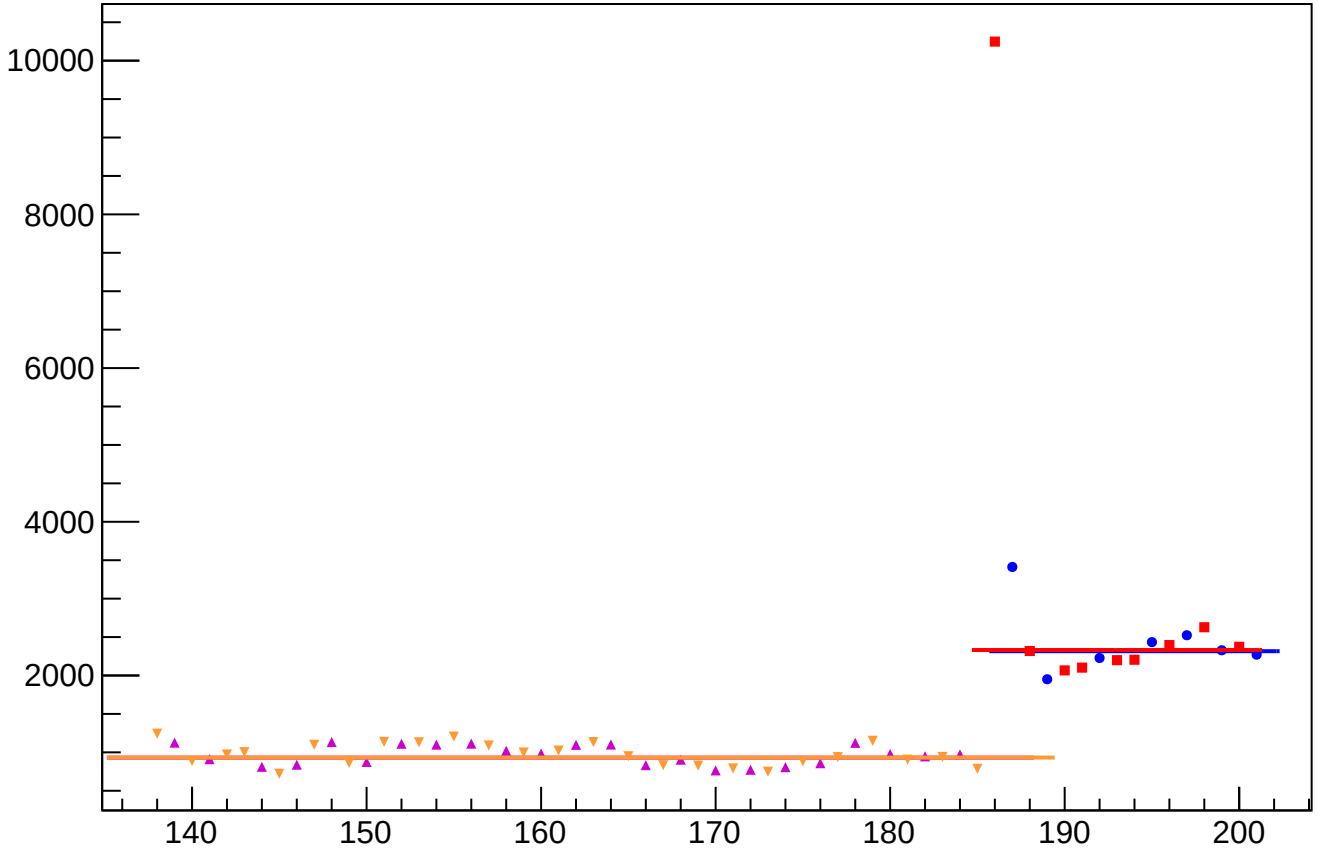
Right: -191.992+/-742.272 χ^2/NDF: 17.9/15

In: 136.652+/-220.023 χ^2/NDF:33.4/29

Out: 1107.619+/-215.334 χ^2/NDF:62.6/33

All: 632.593+/-153.895 χ^2/NDF: 106.0/63

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2316.121+/-0.794 χ^2/NDF: 79562.2/6

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2331.415+/-0.699 χ^2/NDF: 488961.7/8

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

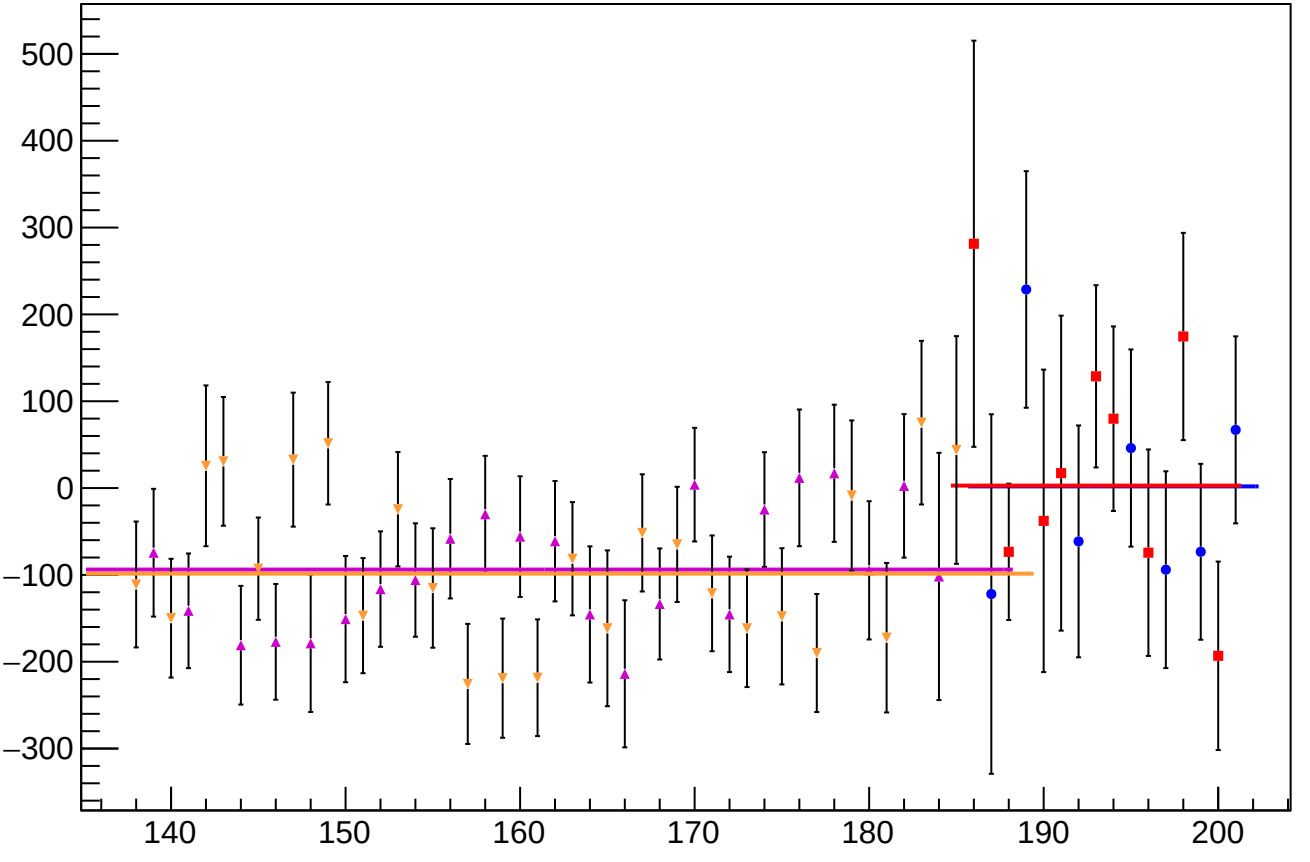
Right: 2324.735+/-0.525 χ^2/NDF: 568732.8/15

In: 984.019+/-0.156 χ^2/NDF:3627401.9/29

Out: 998.492+/-0.152 χ^2/NDF:5130707.3/33

All: 991.411+/-0.109 χ^2/NDF: 8762529.7/63

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 1.922+/-46.007 χ^2/NDF: 5.1/6

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 2.835+/-39.250 χ^2/NDF: 10.1/8

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

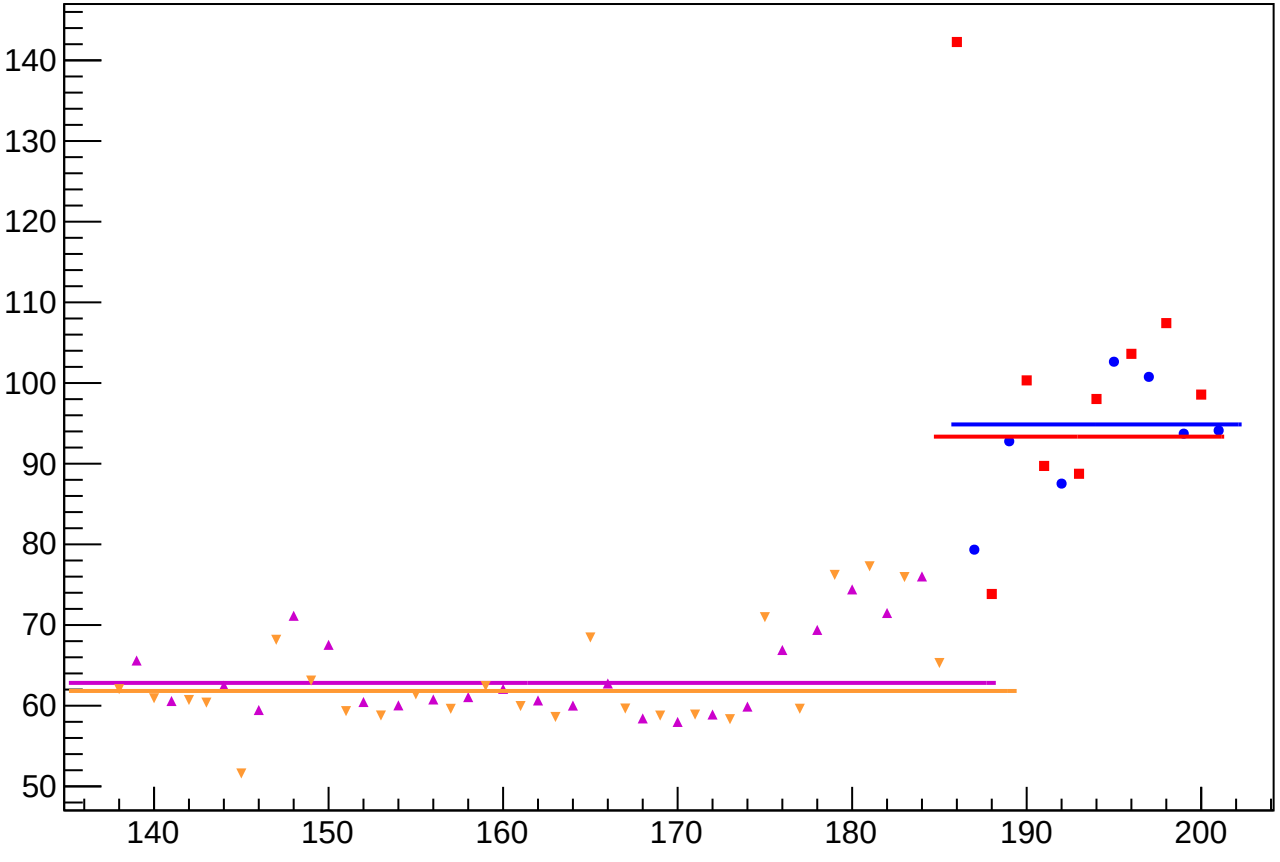
Right: 2.450+/-29.860 χ^2/NDF: 15.3/15

In: -84.649+/-14.295 χ^2/NDF:28.3/29

Out: -86.345+/-13.622 χ^2/NDF:51.3/33

All: -85.538+/-9.861 χ^2/NDF: 79.6/63

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 94.866+/-0.033 χ^2/NDF: 32895.5/6

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 93.353+/-0.028 χ^2/NDF: 270019.8/8

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

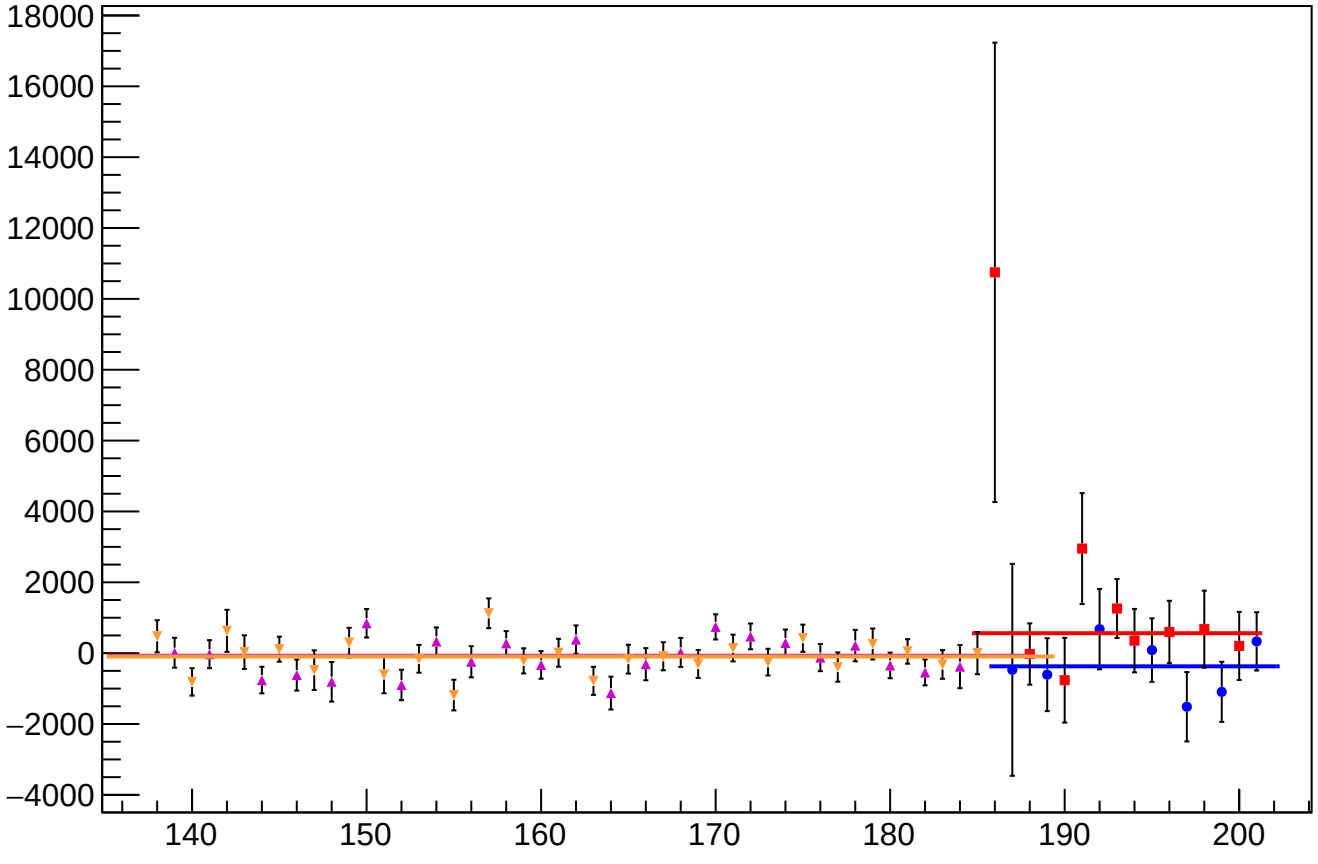
Right: 93.991+/-0.021 χ^2/NDF: 304167.4/15

In: 65.920+/-0.010 χ^2/NDF:1096198.0/29

Out: 65.624+/-0.010 χ^2/NDF:1718484.5/33

All: 65.765+/-0.007 χ^2/NDF: 2815131.6/63

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -371.912+/-378.325 χ^2/NDF: 4.0/6

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 563.422+/-345.498 χ^2/NDF: 7.4/8

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

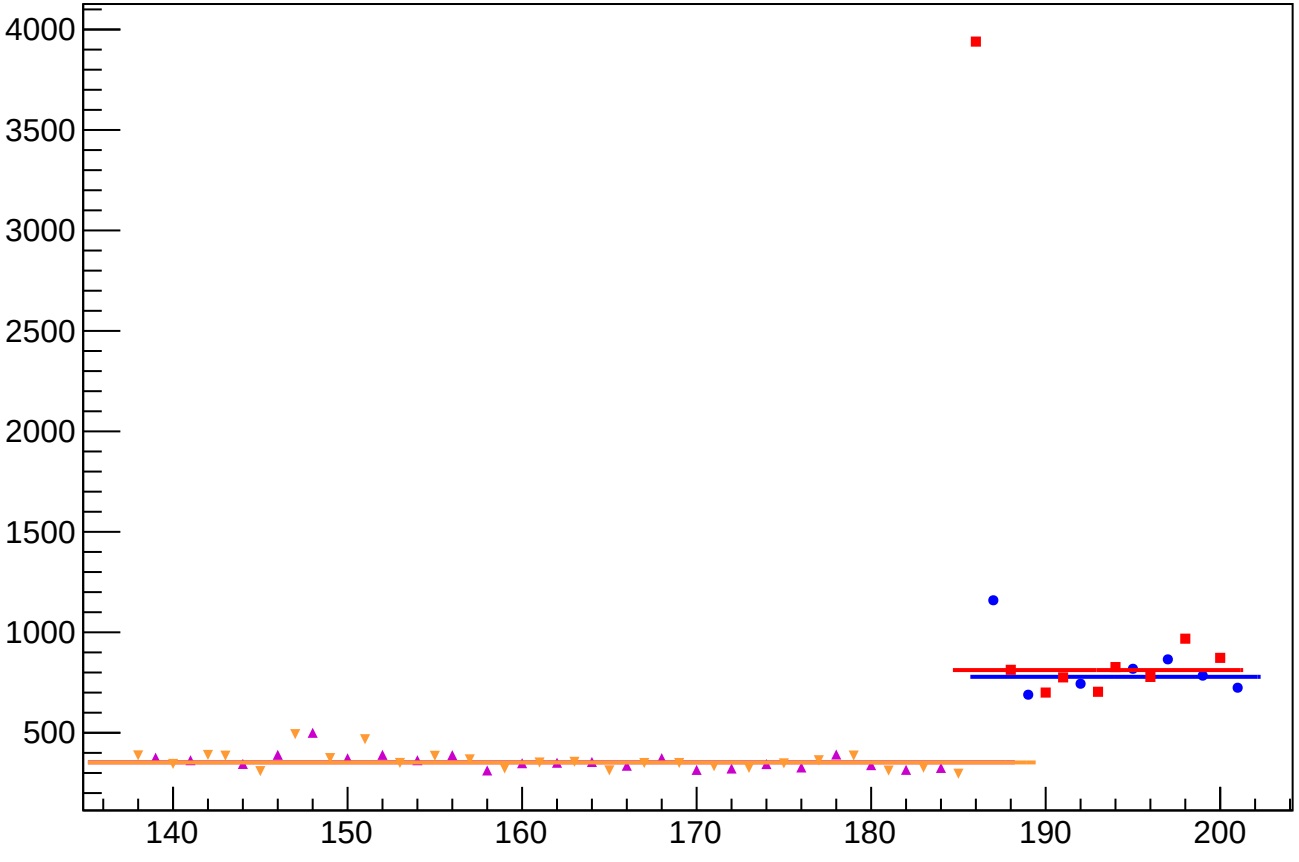
Right: 138.087+/-255.121 χ^2/NDF: 14.7/15

In: -88.123+/-82.609 χ^2/NDF:40.9/29

Out: -59.109+/-80.566 χ^2/NDF:42.4/33

All: -73.253+/-57.678 χ^2/NDF: 83.4/63

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 778.521+/-0.268 χ^2/NDF: 77768.3/6

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 812.089+/-0.244 χ^2/NDF: 570683.9/8

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

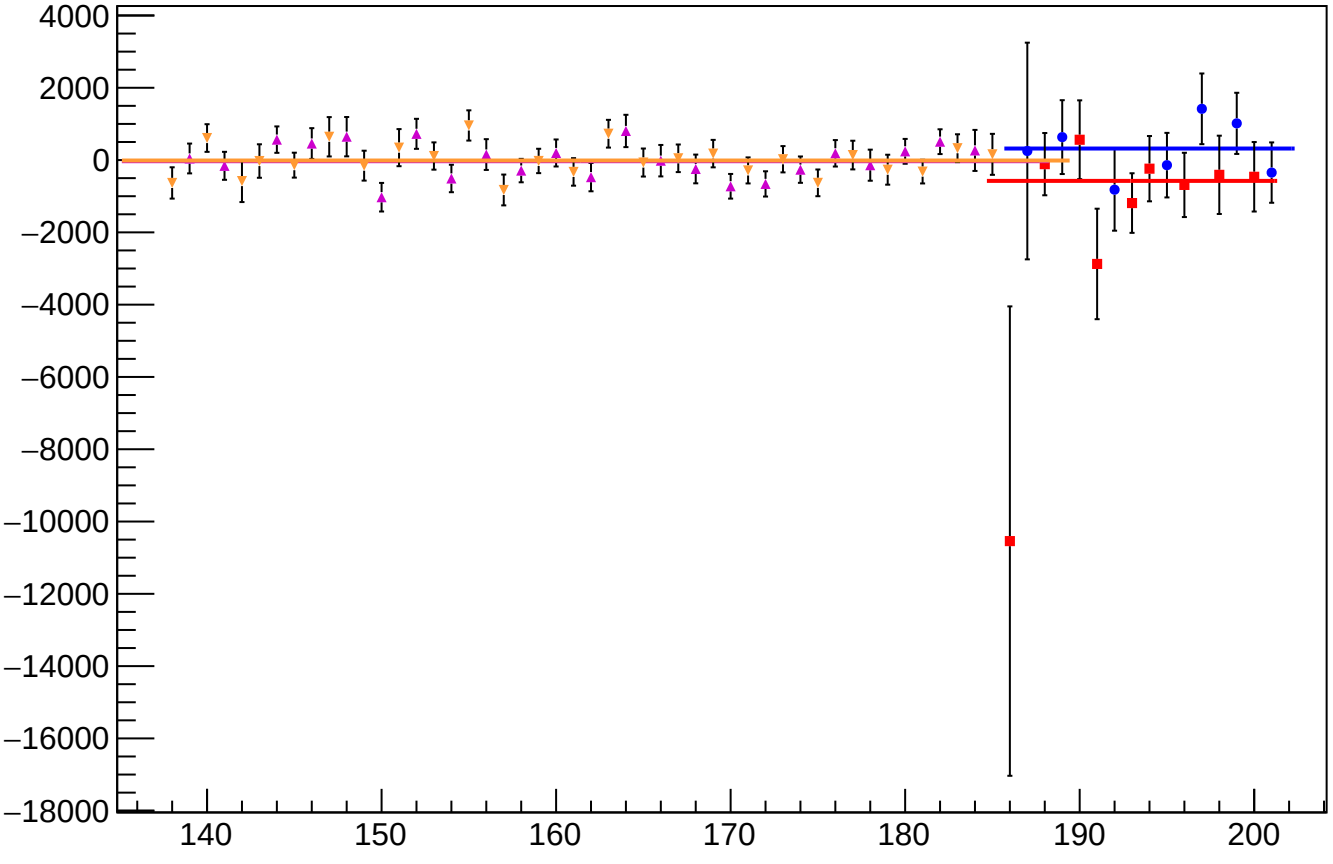
Right: 796.824+/-0.180 χ^2/NDF: 657037.7/15

In: 373.476+/-0.058 χ^2/NDF:2806788.5/29

Out: 377.399+/-0.057 χ^2/NDF:4337159.9/33

All: 375.486+/-0.041 χ^2/NDF: 7146259.4/63

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 319.137+/-378.529 χ^2/NDF: 3.9/6

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -576.136+/-342.221 χ^2/NDF: 6.7/8

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

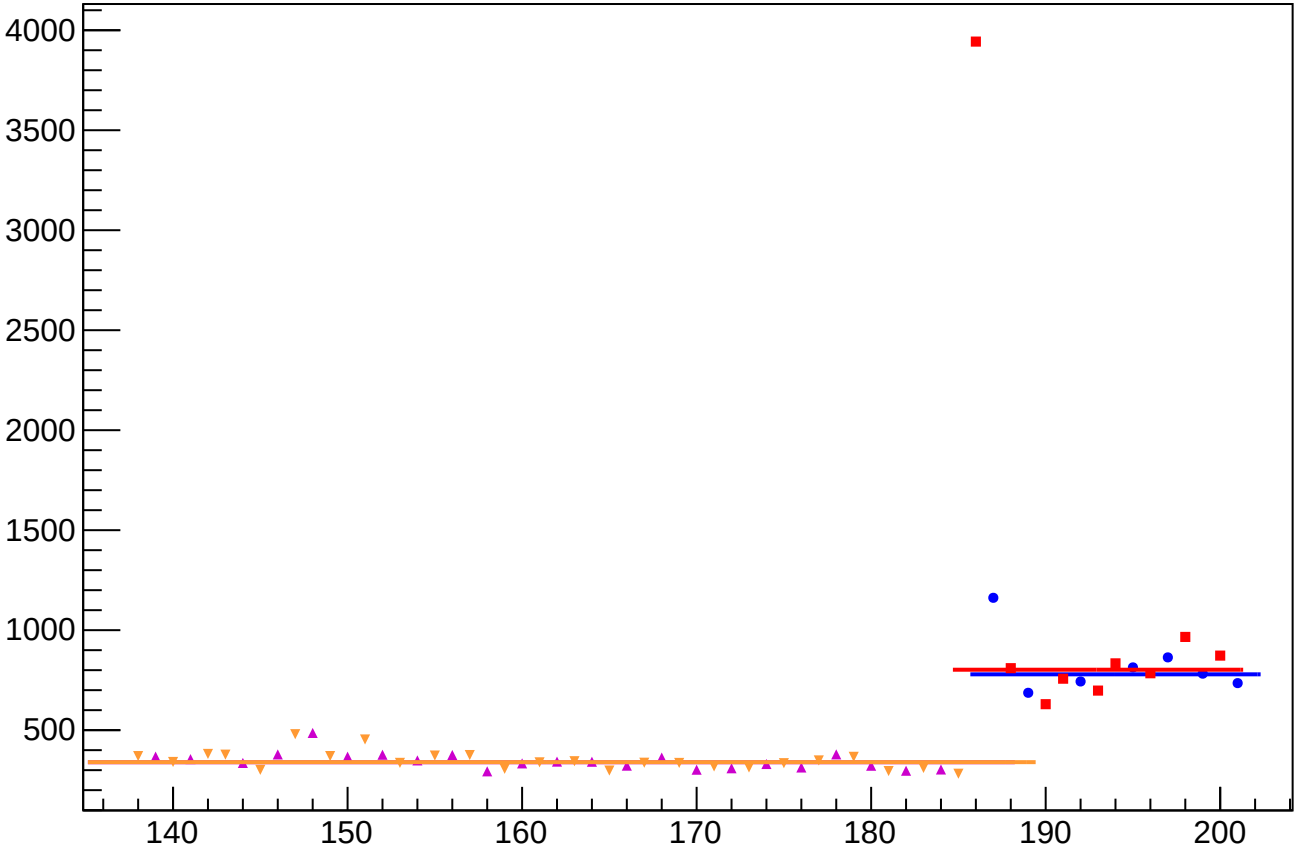
Right: -173.485+/-253.855 χ^2/NDF: 13.8/15

In: -16.004+/-79.652 χ^2/NDF:39.5/29

Out: -41.737+/-77.885 χ^2/NDF:36.7/33

All: -29.159+/-55.687 χ^2/NDF: 76.3/63

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 779.183+/-0.268 χ^2/NDF: 74521.4/6

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 802.236+/-0.242 χ^2/NDF: 611839.3/8

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

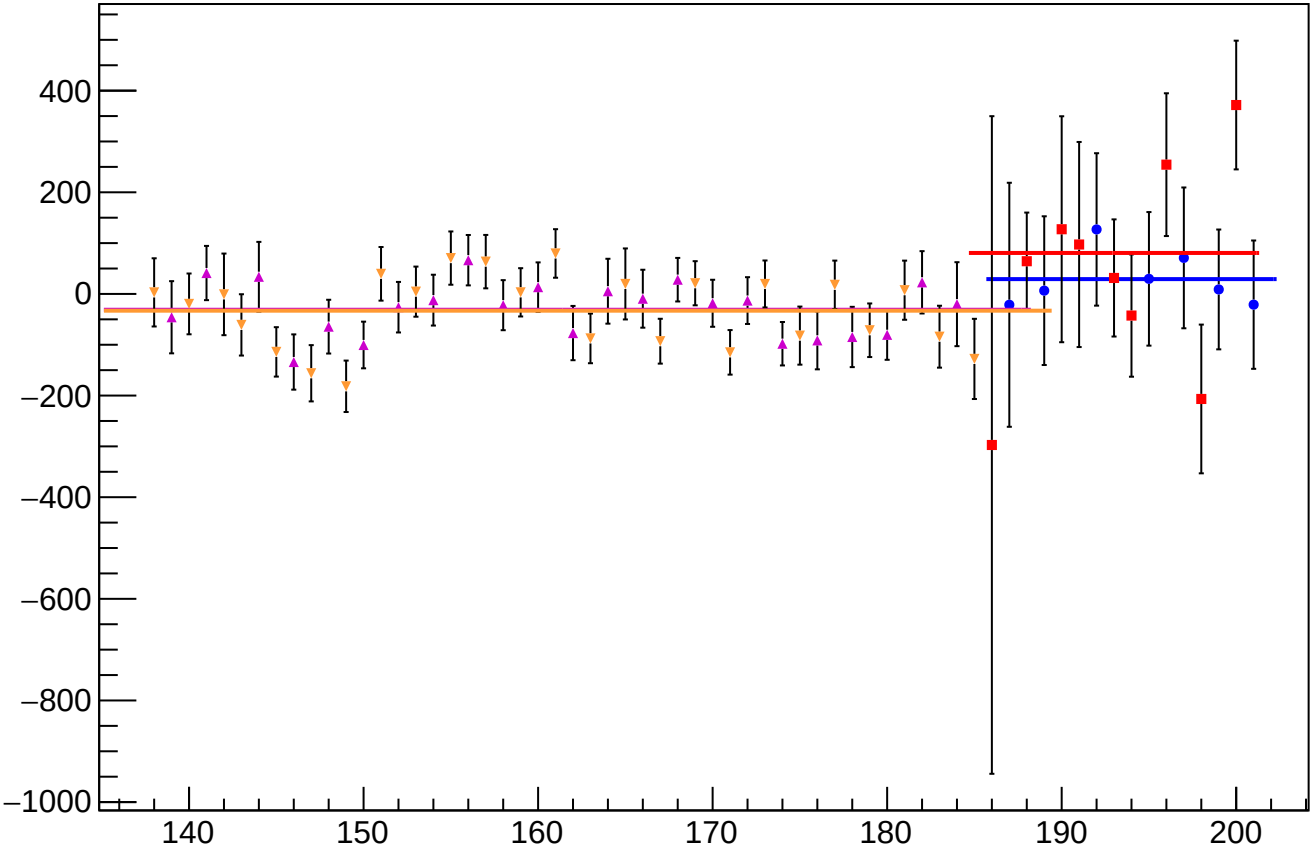
Right: 791.868+/-0.180 χ^2/NDF: 690442.3/15

In: 359.036+/-0.056 χ^2/NDF:3030462.8/29

Out: 363.959+/-0.055 χ^2/NDF:4536677.5/33

All: 361.553+/-0.039 χ^2/NDF: 7571046.1/63

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 29.163+/-53.212 χ^2/NDF: 0.8/6

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 80.635+/-46.607 χ^2/NDF: 12.3/8

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

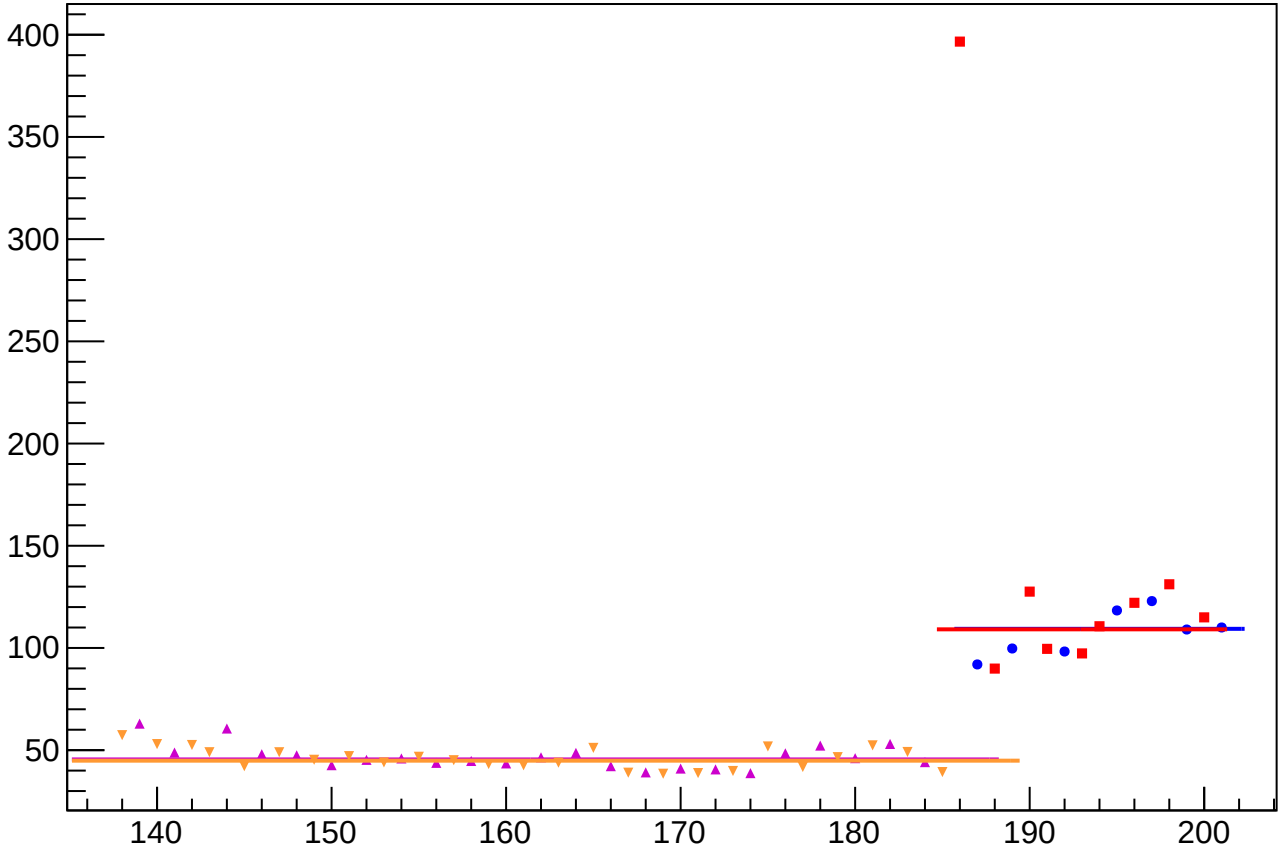
Right: 58.290+/-35.060 χ^2/NDF: 13.6/15

In: -28.691+/-10.732 χ^2/NDF:25.4/29

Out: -27.400+/-10.315 χ^2/NDF:66.0/33

All: -28.020+/-7.437 χ^2/NDF: 91.4/63

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 109.357+/-0.038 χ^2/NDF: 58742.1/6

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 109.109+/-0.033 χ^2/NDF: 581626.0/8

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

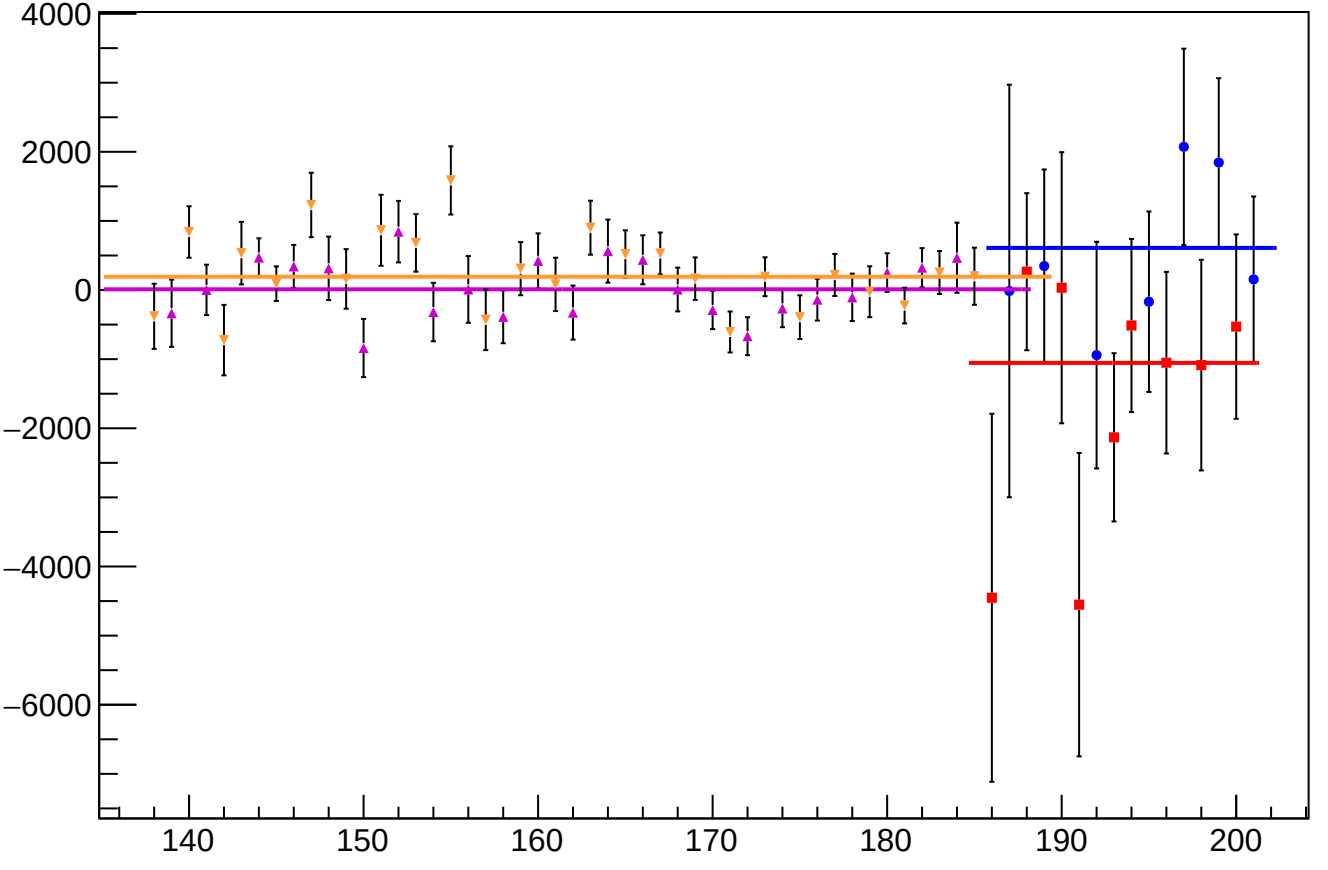
Right: 109.217+/-0.025 χ^2/NDF: 640392.7/15

In: 48.064+/-0.008 χ^2/NDF:3281855.4/29

Out: 48.009+/-0.007 χ^2/NDF:4611452.6/33

All: 48.036+/-0.005 χ^2/NDF: 7893335.3/63

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 609.552+/-538.665 χ^2/NDF: 3.6/6

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -1053.908+/-484.062 χ^2/NDF: 7.0/8

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

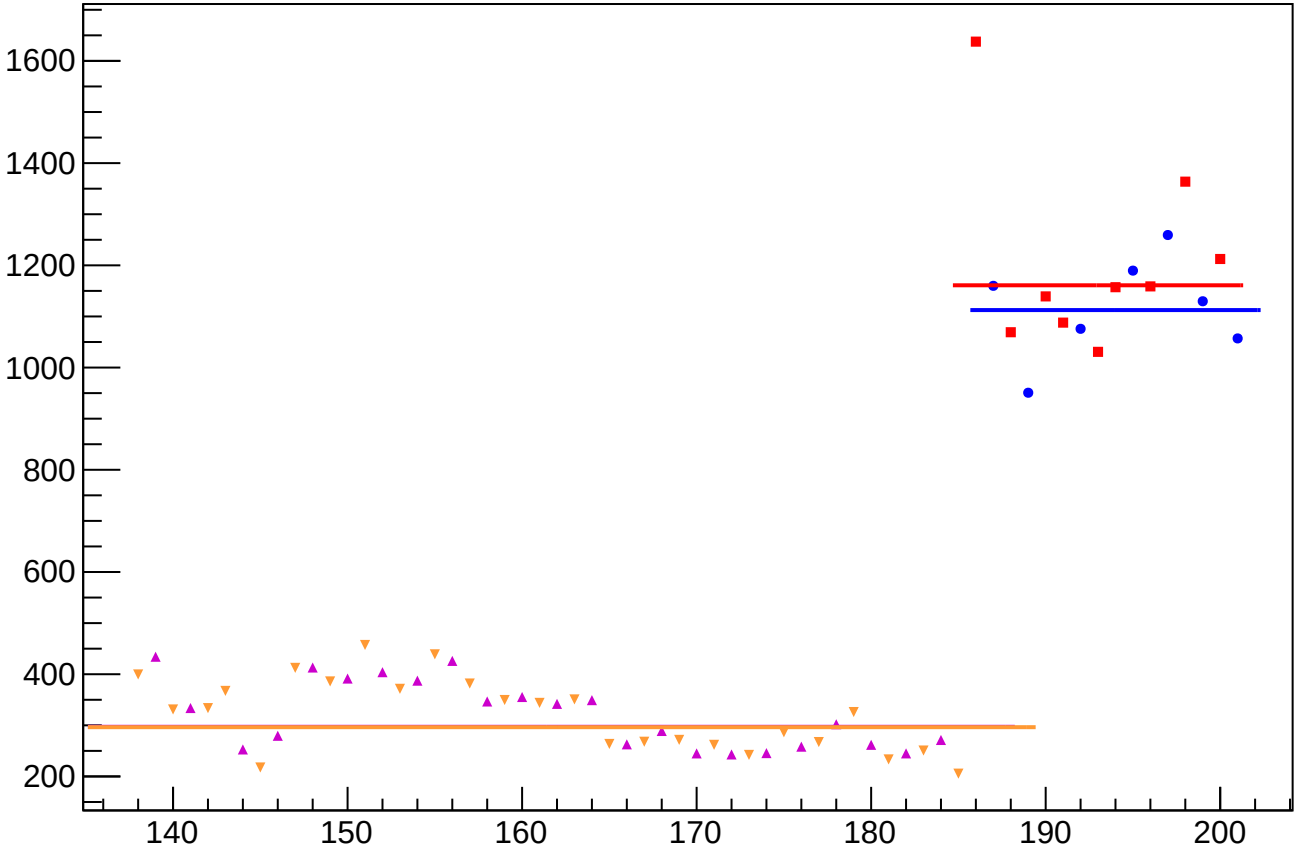
Right: -310.738+/-360.045 χ^2/NDF: 15.8/15

In: 21.396+/-71.658 χ^2/NDF:35.0/29

Out: 166.710+/-70.217 χ^2/NDF:59.3/33

All: 95.528+/-50.153 χ^2/NDF: 96.4/63

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 1112.479+/-0.381 χ^2/NDF: 61354.5/6

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1160.973+/-0.342 χ^2/NDF: 140962.7/8

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

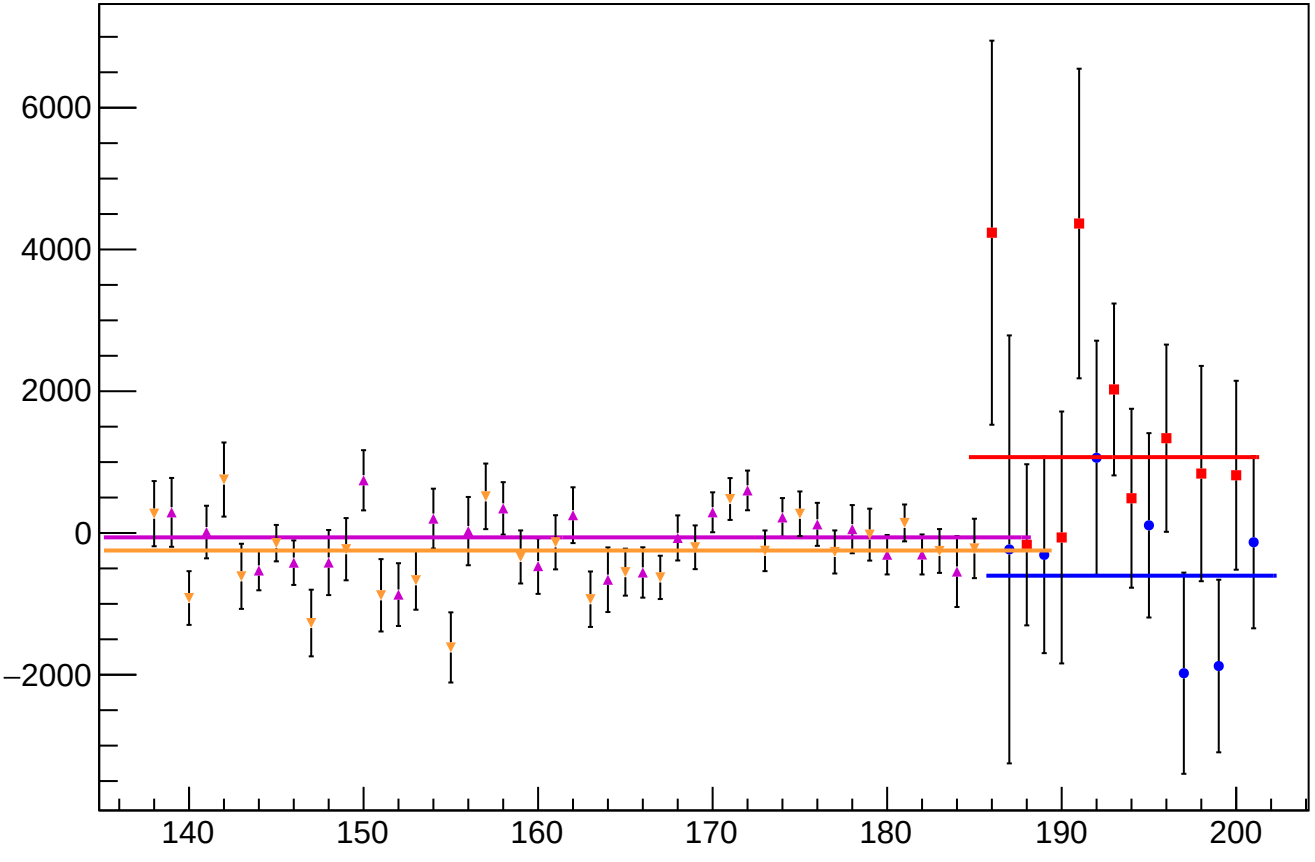
Right: 1139.308+/-0.255 χ^2/NDF: 211284.9/15

In: 311.566+/-0.051 χ^2/NDF:5883197.5/29

Out: 314.576+/-0.050 χ^2/NDF:8022620.8/33

All: 313.101+/-0.035 χ^2/NDF: 13907618.9/63

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -602.526+/-539.377 χ^2/NDF: 3.6/6

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 1070.222+/-481.453 χ^2/NDF: 6.2/8

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

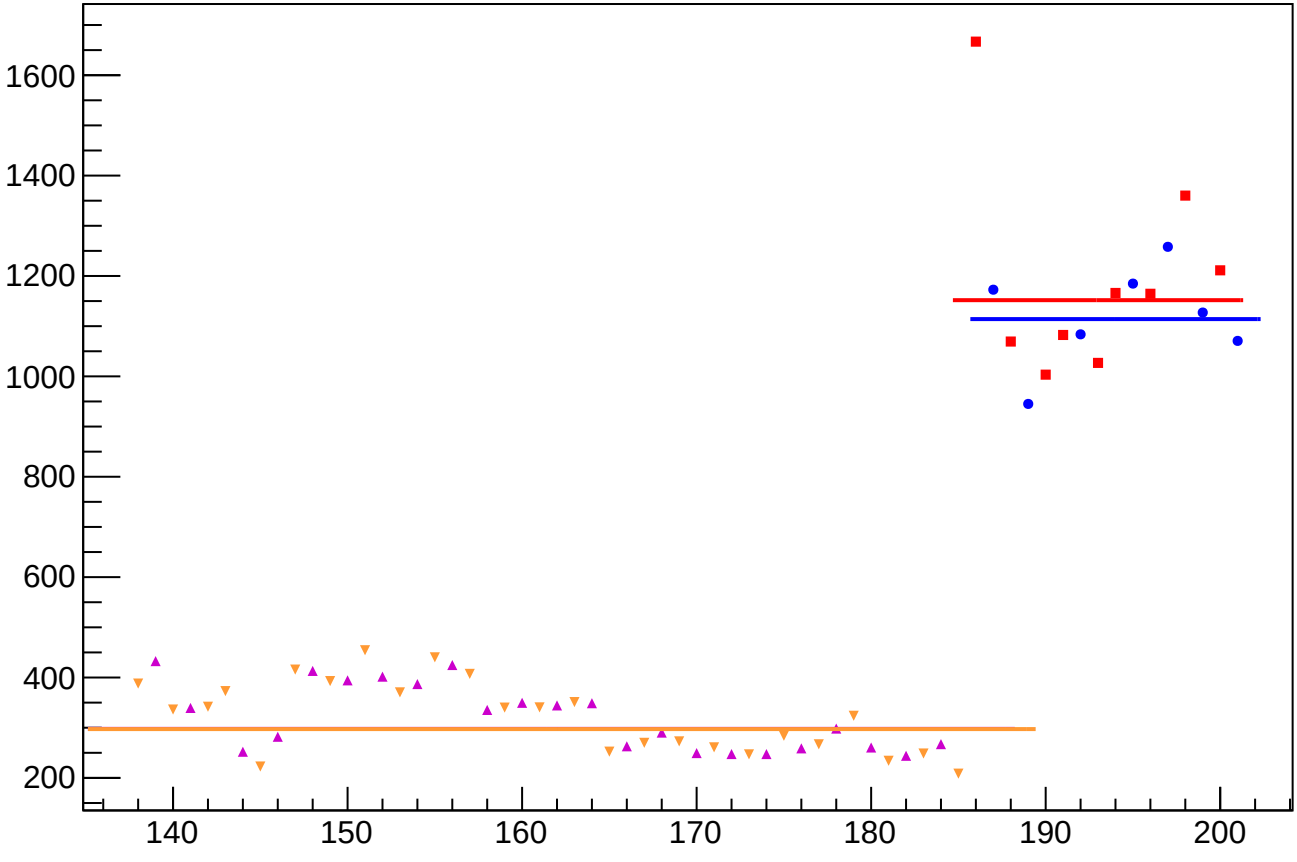
Right: 328.459+/-359.178 χ^2/NDF: 15.1/15

In: -71.299+/-71.832 χ^2/NDF:34.9/29

Out: -218.900+/-70.451 χ^2/NDF:57.1/33

All: -146.531+/-50.298 χ^2/NDF: 94.1/63

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 1114.097+/-0.381 χ^2/NDF: 60458.9/6

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1151.794+/-0.340 χ^2/NDF: 162067.2/8

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

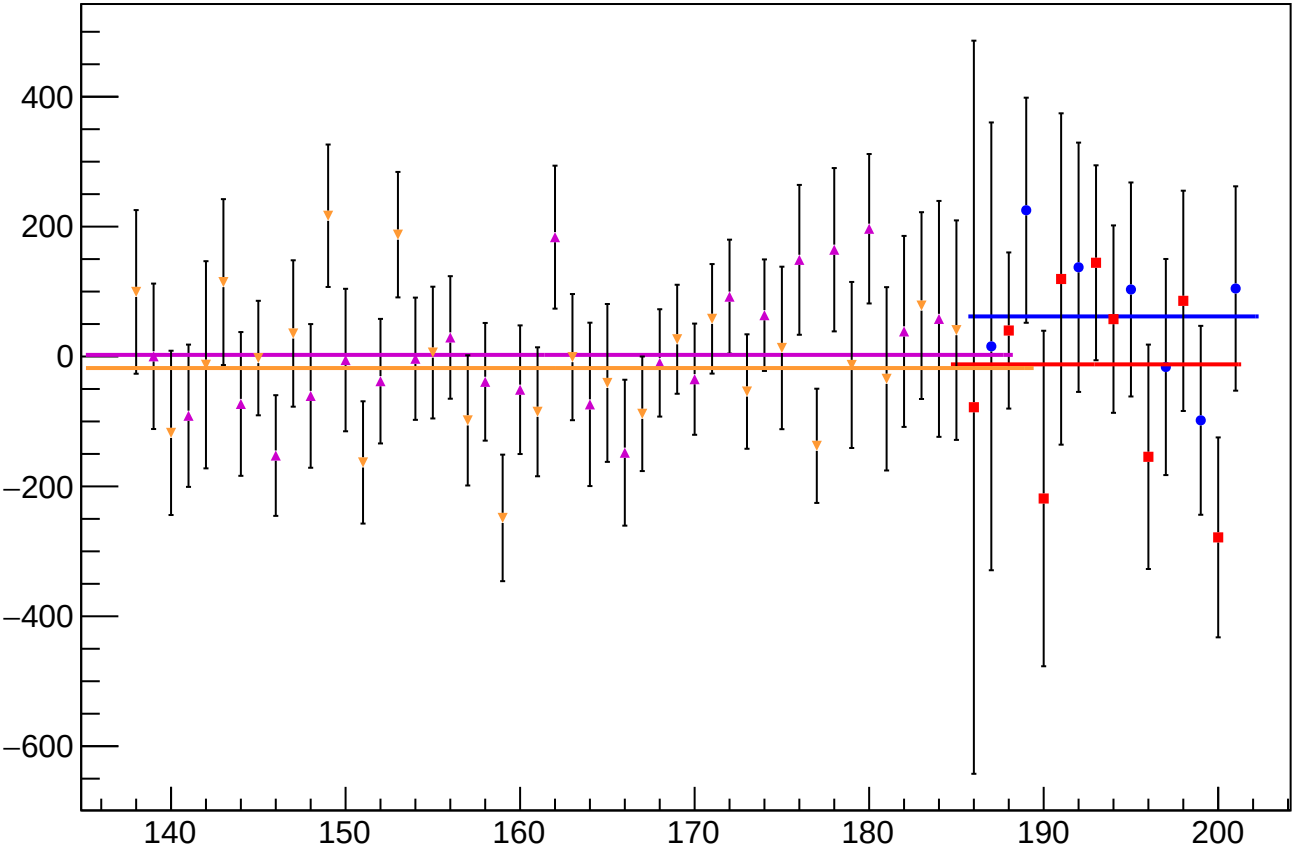
Right: 1135.078+/-0.254 χ^2/NDF: 227963.3/15

In: 312.176+/-0.051 χ^2/NDF:5835759.4/29

Out: 315.570+/-0.050 χ^2/NDF:7955450.7/33

All: 313.906+/-0.036 χ^2/NDF: 13793486.8/63

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 61.729+/-66.011 χ^2/NDF: 2.6/6

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: -12.082+/-57.203 χ^2/NDF: 6.4/8

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

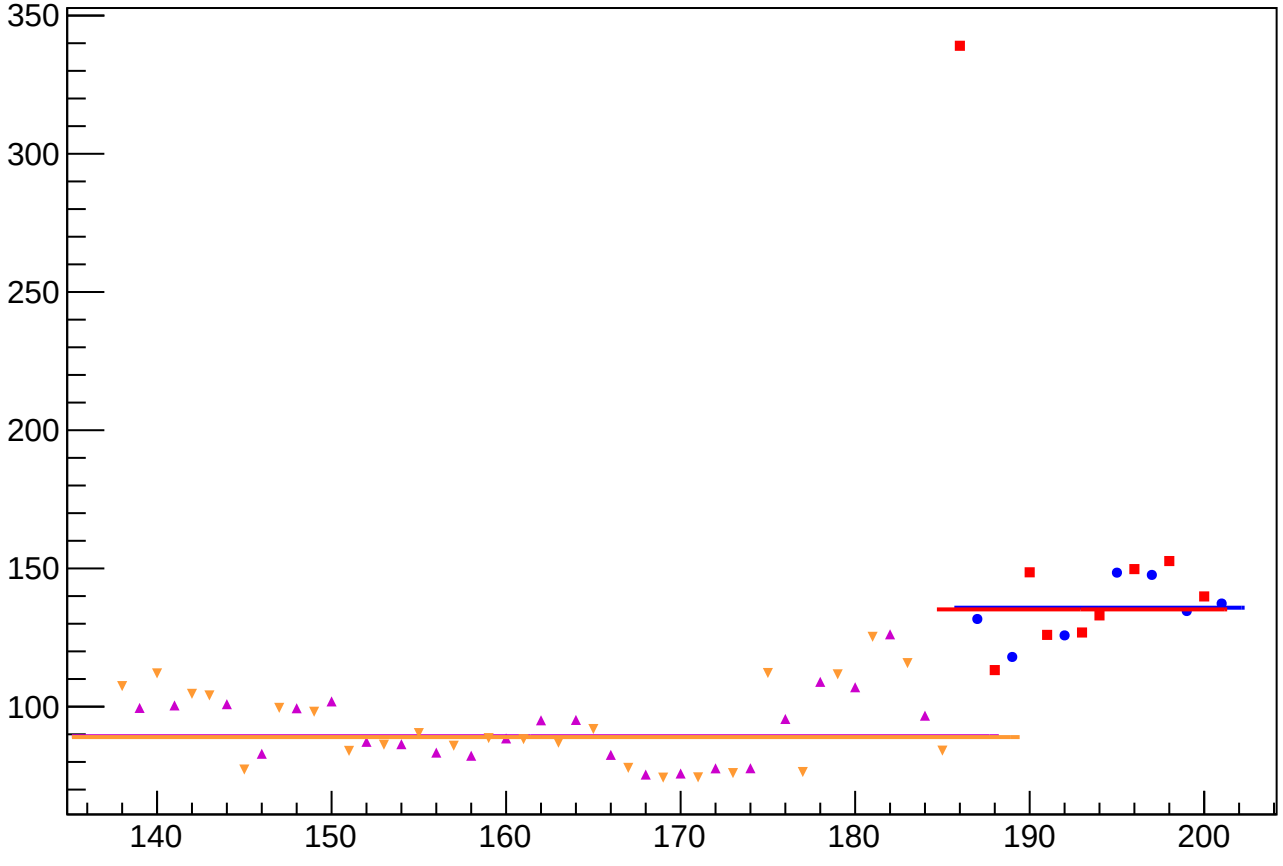
Right: 19.574+/-43.230 χ^2/NDF: 9.8/15

In: 8.225+/-20.514 χ^2/NDF:21.3/29

Out: -17.082+/-19.814 χ^2/NDF:32.0/33

All: -4.868+/-14.251 χ^2/NDF: 54.1/63

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 135.799+/-0.047 χ^2/NDF: 49199.8/6

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 135.183+/-0.040 χ^2/NDF: 379718.6/8

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

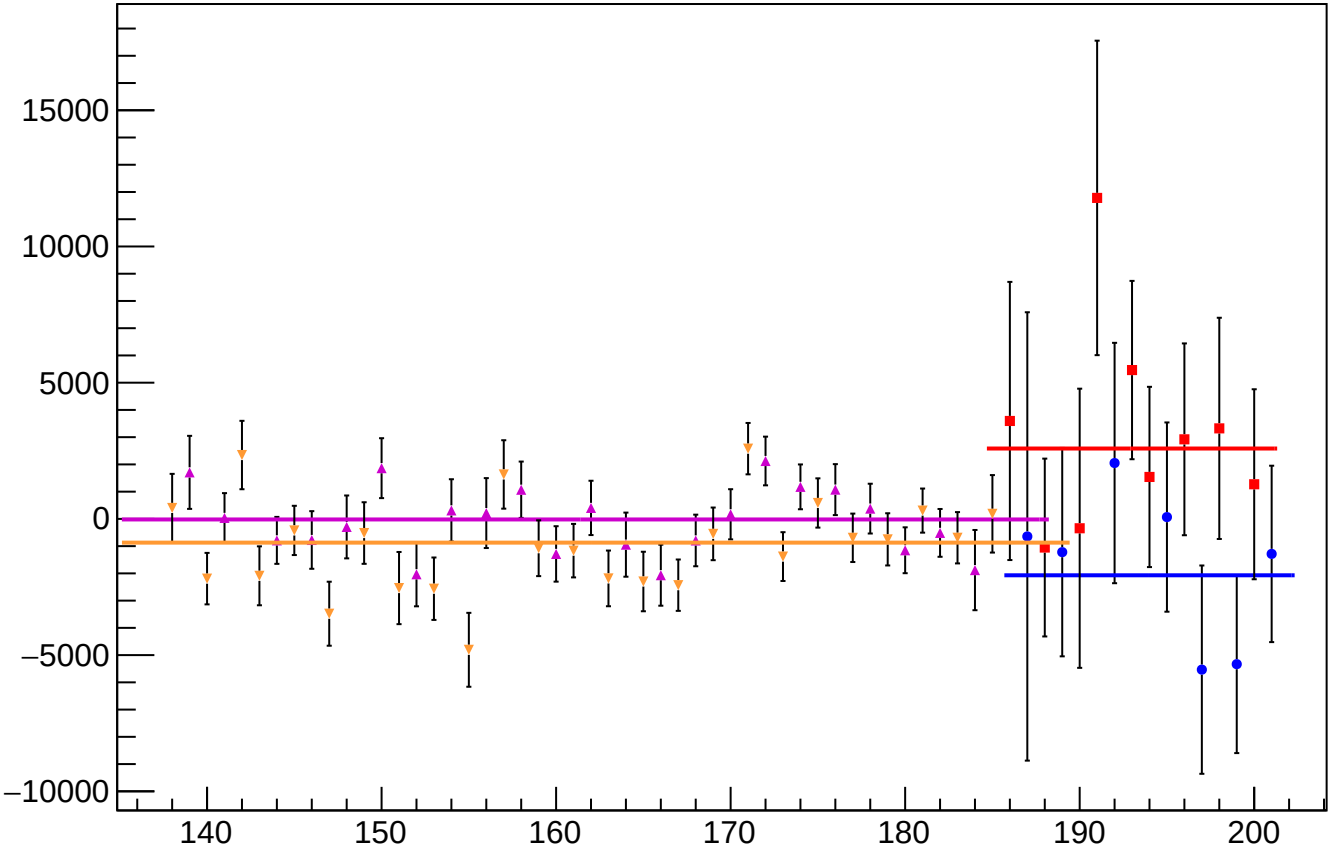
Right: 135.447+/-0.031 χ^2/NDF: 429017.7/15

In: 93.810+/-0.015 χ^2/NDF:1505360.0/29

Out: 94.533+/-0.014 χ^2/NDF:2334915.8/33

All: 94.184+/-0.010 χ^2/NDF: 3841560.6/63

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -2070.180+/-1450.995 χ^2/NDF: 3.2/6

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 2583.284+/-1281.838 χ^2/NDF: 5.2/8

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

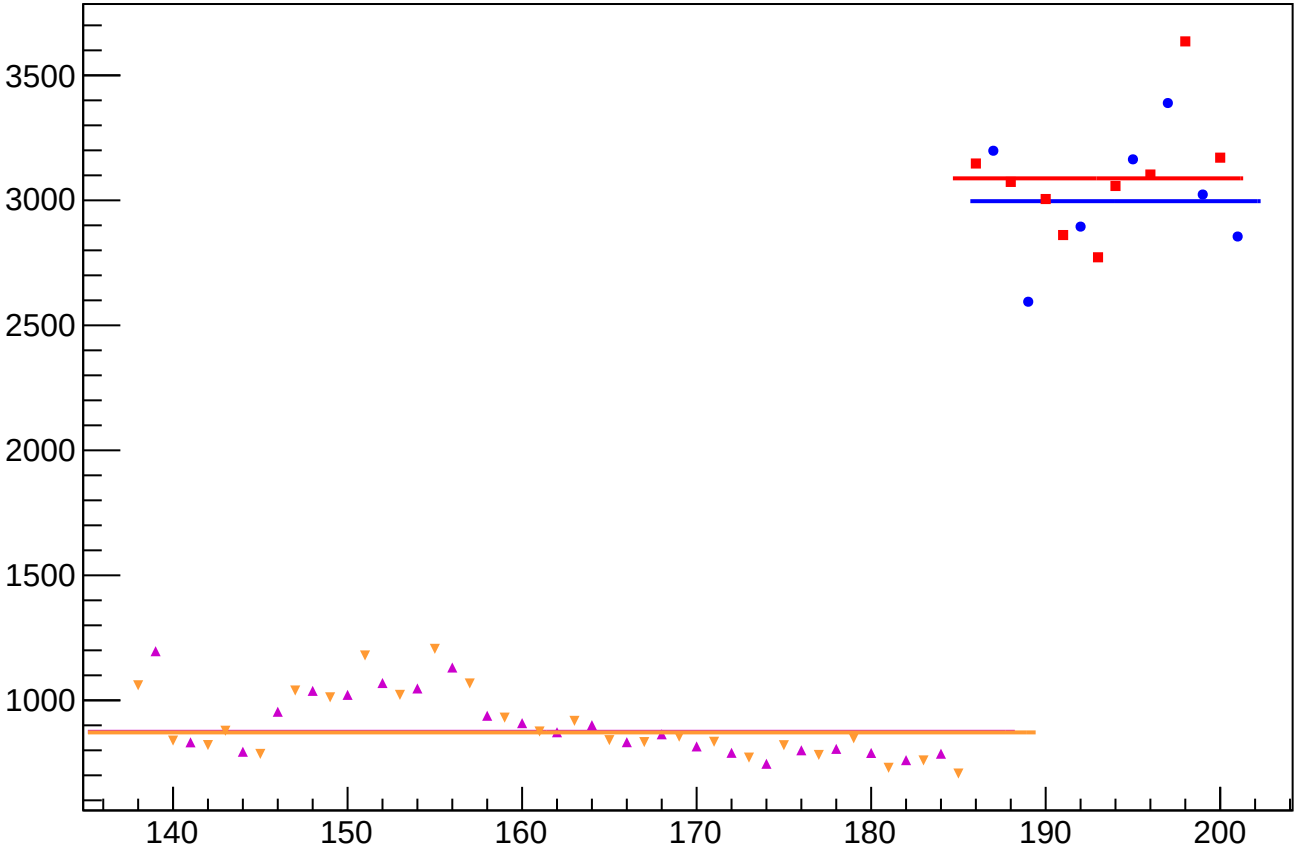
Right: 543.493+/-960.662 χ^2/NDF: 14.2/15

In: -62.694+/-208.006 χ^2/NDF:34.8/29

Out: -784.105+/-203.377 χ^2/NDF:69.9/33

All: -431.516+/-145.418 χ^2/NDF: 110.9/63

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 2996.689+/-1.026 χ^2/NDF: 54062.4/6

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3087.970+/-0.906 χ^2/NDF: 60279.3/8

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

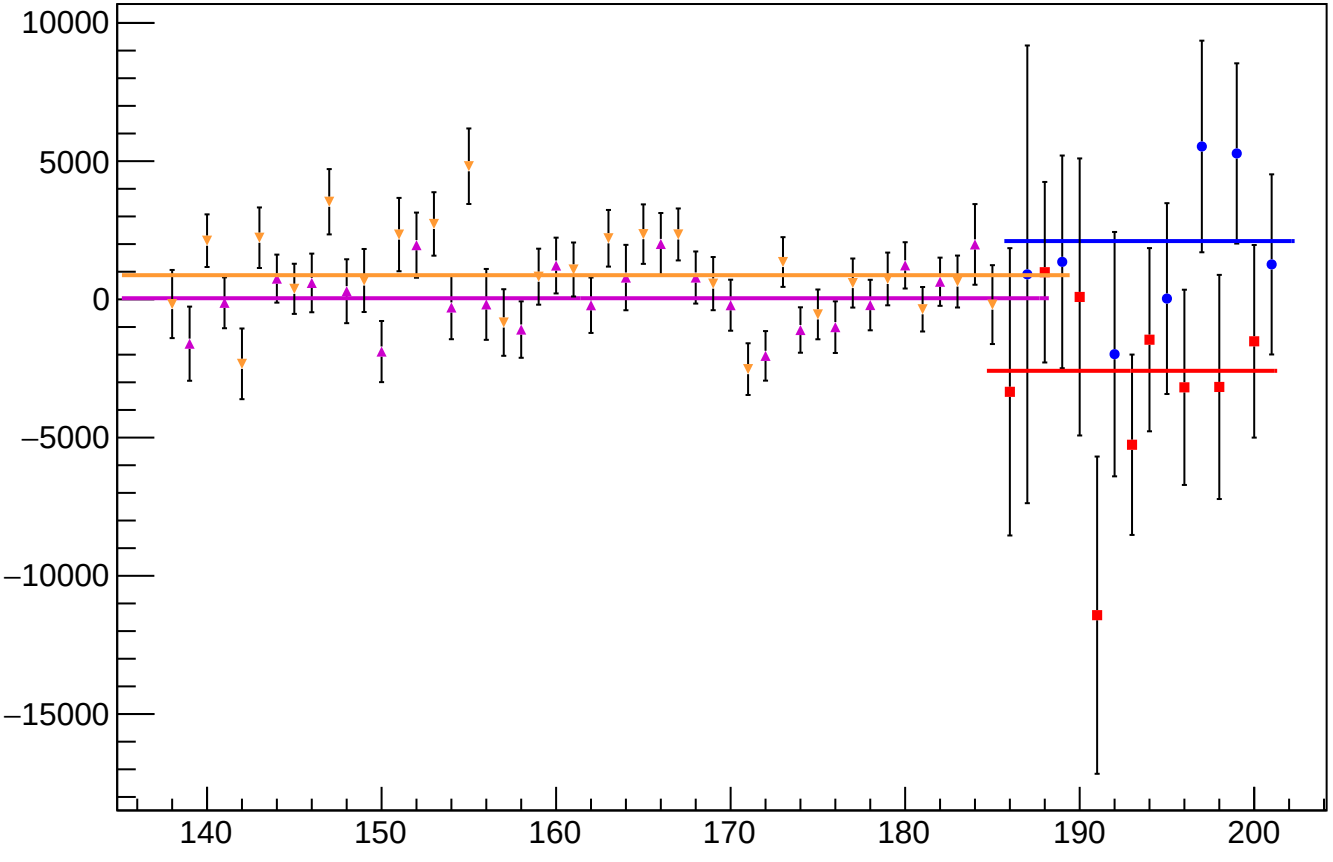
Right: 3047.958+/-0.679 χ^2/NDF: 118787.3/15

In: 917.676+/-0.147 χ^2/NDF:4824662.7/29

Out: 927.481+/-0.144 χ^2/NDF:6530964.1/33

All: 922.689+/-0.103 χ^2/NDF: 11357898.6/63

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 2109.107+/-1452.752 χ^2/NDF: 3.1/6

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -2584.267+/-1280.951 χ^2/NDF: 4.8/8

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

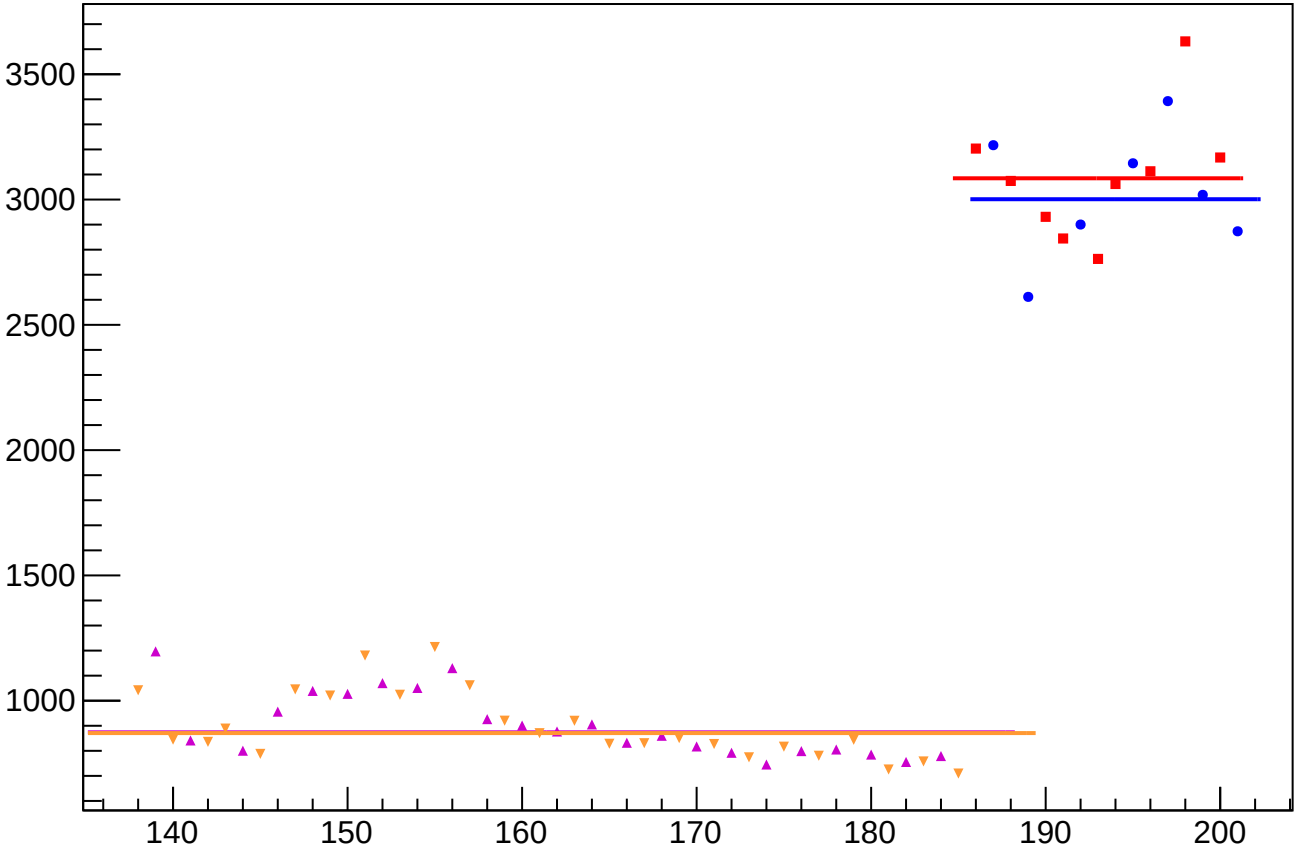
Right: -531.376+/-960.797 χ^2/NDF: 13.8/15

In: 83.925+/-208.042 χ^2/NDF:33.2/29

Out: 788.225+/-202.975 χ^2/NDF:67.0/33

All: 444.756+/-145.283 χ^2/NDF: 106.1/63

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 3001.311+/-1.027 χ^2/NDF: 50445.6/6

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 3084.849+/-0.906 χ^2/NDF: 63576.4/8

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

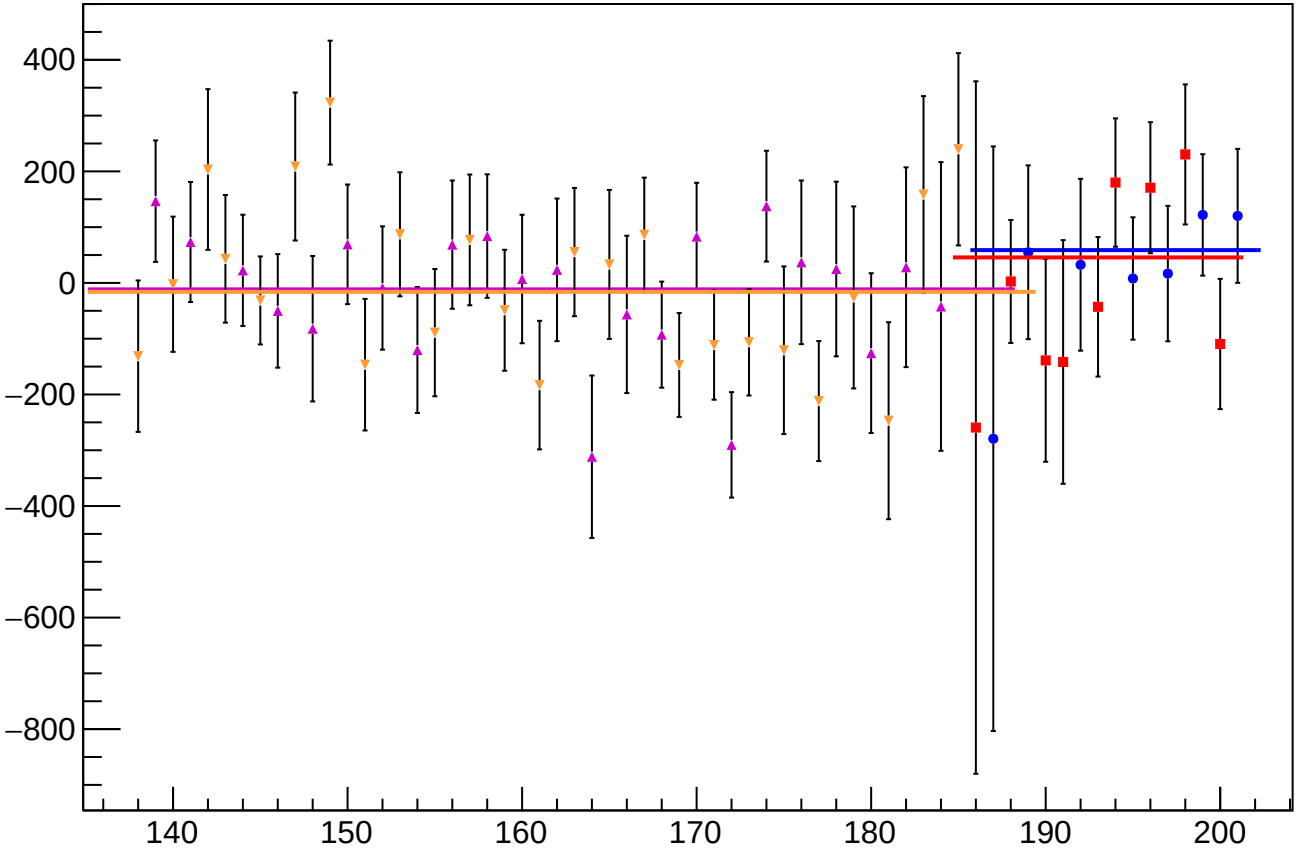
Right: 3048.309+/-0.679 χ^2/NDF: 117742.7/15

In: 917.531+/-0.147 χ^2/NDF:4834763.4/29

Out: 926.443+/-0.144 χ^2/NDF:6540099.8/33

All: 922.097+/-0.103 χ^2/NDF: 11376743.5/63

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 58.832+/-50.531 χ^2/NDF: 1.4/6

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: 45.742+/-45.419 χ^2/NDF: 9.1/8

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

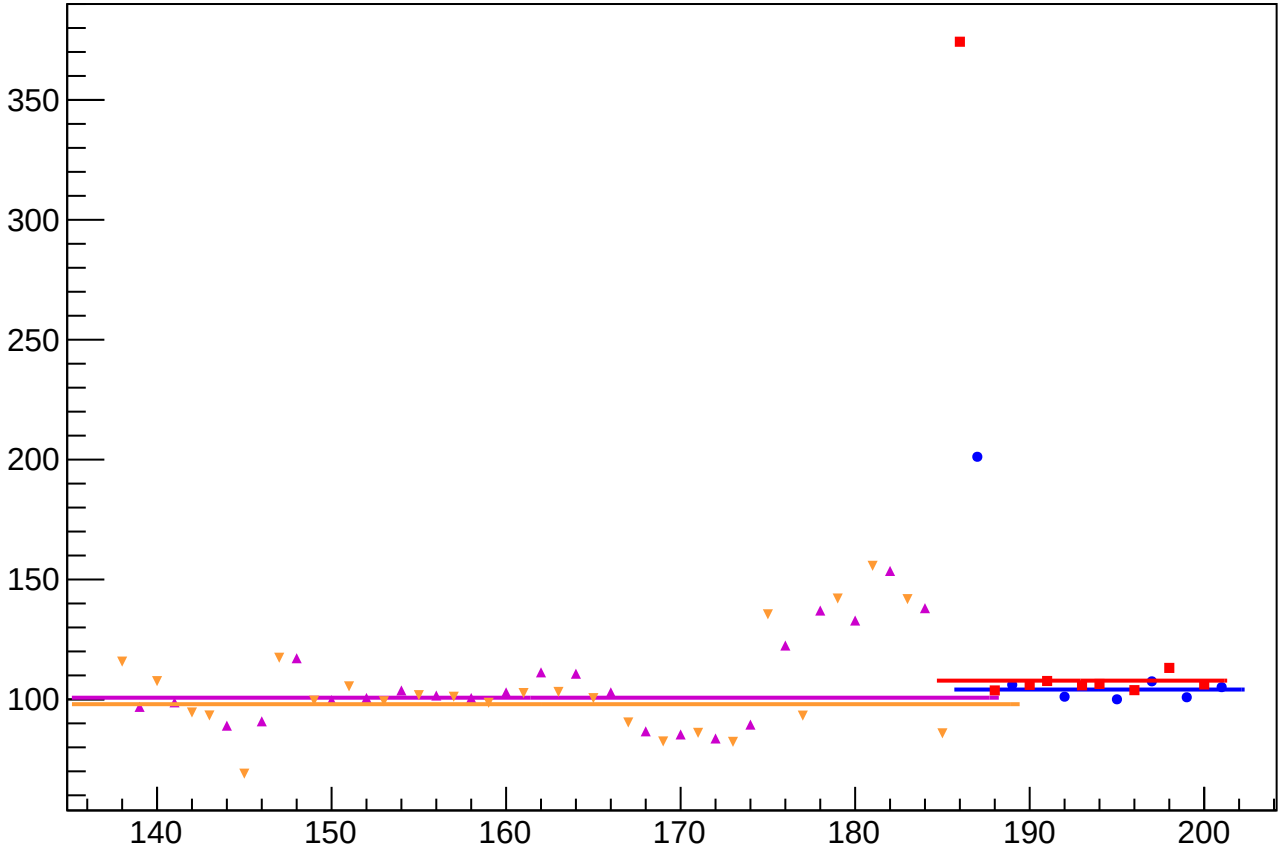
Right: 51.591+/-33.779 χ^2/NDF: 10.5/15

In: 1.752+/-21.981 χ^2/NDF:26.9/29

Out: -3.034+/-20.786 χ^2/NDF:45.5/33

All: -0.774+/-15.103 χ^2/NDF: 72.4/63

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 104.110+/-0.036 χ^2/NDF: 75926.7/6

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 107.824+/-0.032 χ^2/NDF: 378370.5/8

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

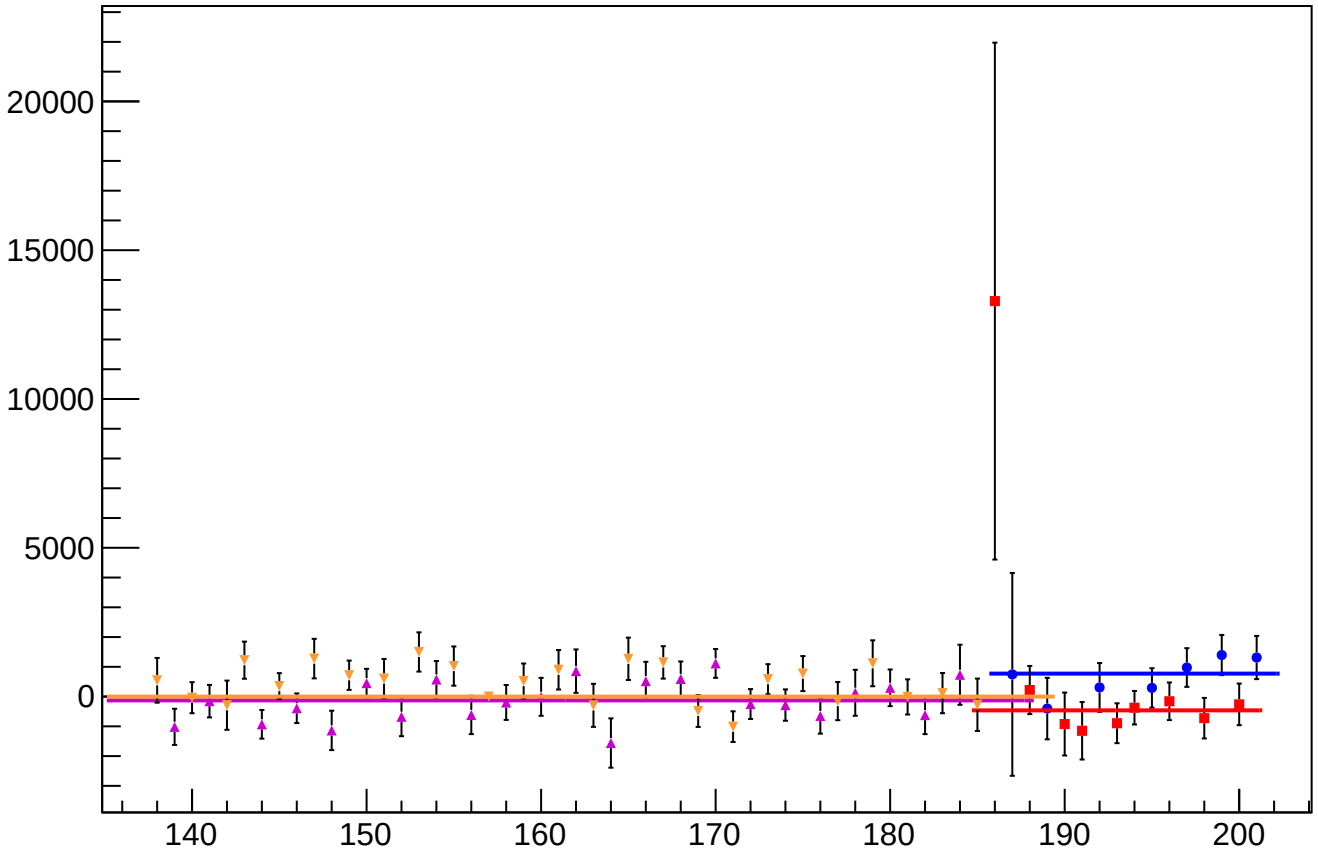
Right: 106.164+/-0.024 χ^2/NDF: 460272.8/15

In: 101.348+/-0.016 χ^2/NDF:843217.3/29

Out: 100.058+/-0.015 χ^2/NDF:1607339.4/33

All: 100.667+/-0.011 χ^2/NDF: 2454191.7/63

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 771.635+/-298.208 χ^2/NDF: 3.6/6

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -462.612+/-253.181 χ^2/NDF: 4.8/8

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

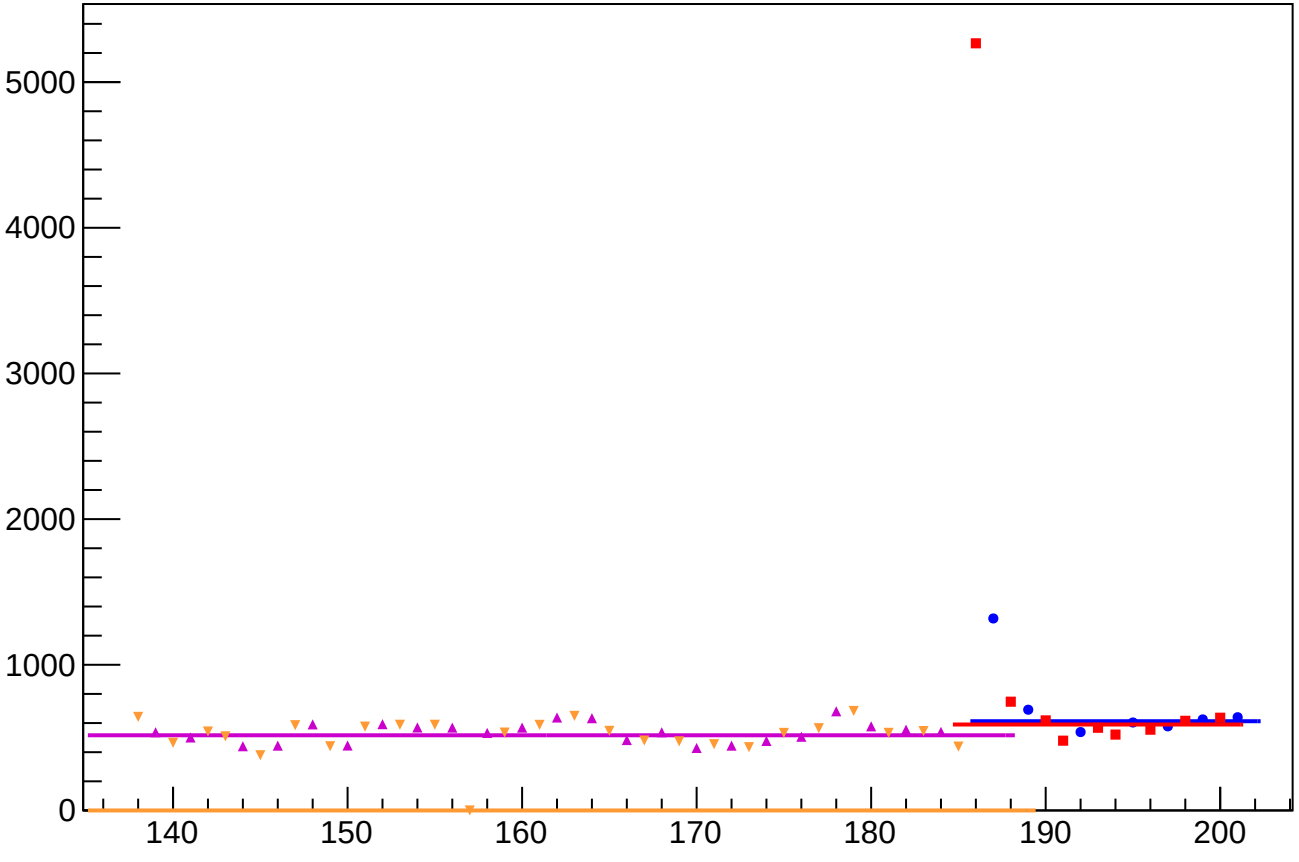
Right: 54.390+/-193.003 χ^2/NDF: 18.4/15

In: 4.138+/-114.690 χ^2/NDF:39.8/29

Out: -0.000+/-0.000 χ^2/NDF:48.0/33

All: -0.000+/-0.000 χ^2/NDF: 87.8/63

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 612.621+/-0.211 χ^2/NDF: 123534.2/6

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 590.049+/-0.179 χ^2/NDF: 733130.0/8

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

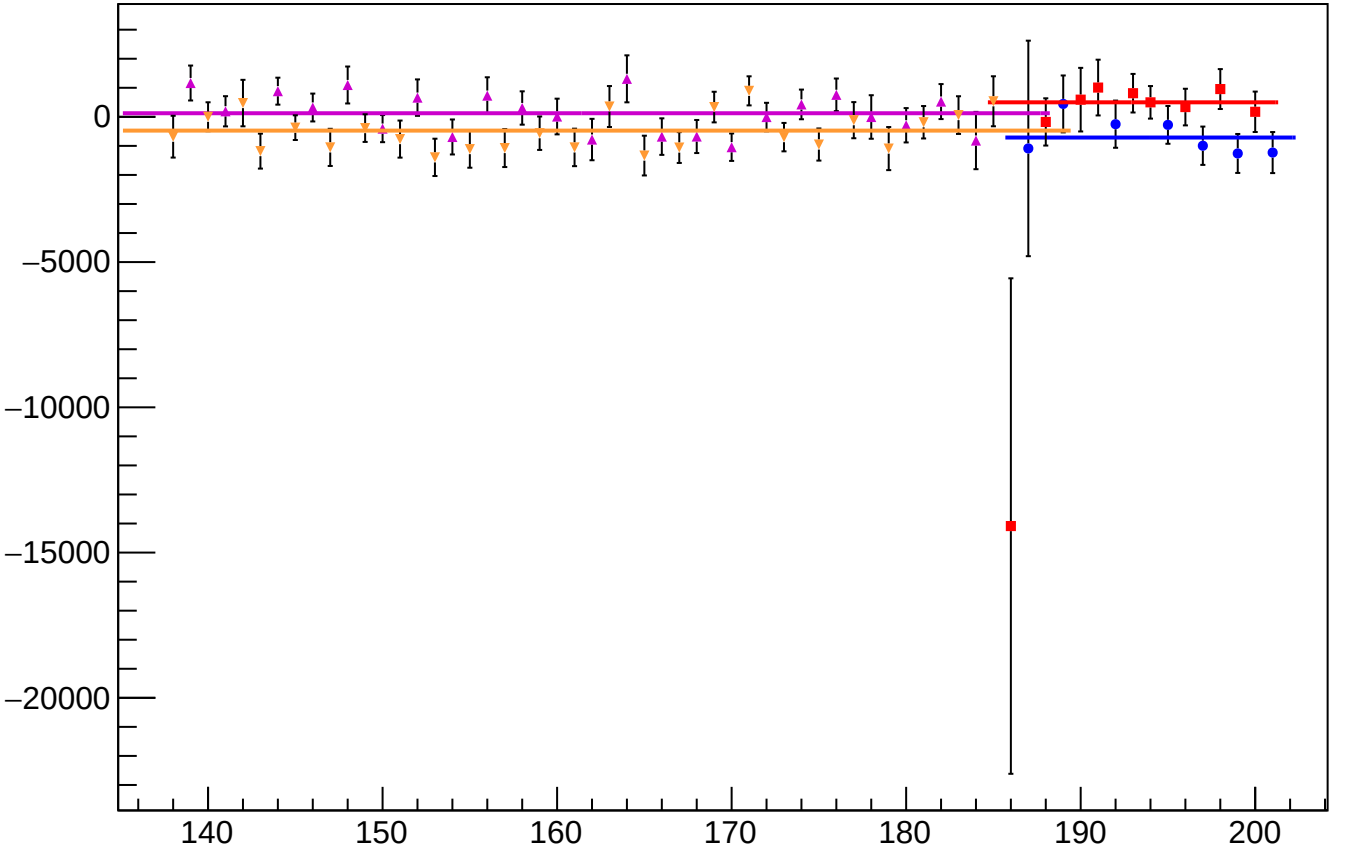
Right: 599.504+/-0.136 χ^2/NDF: 863323.0/15

In: 530.394+/-0.081 χ^2/NDF:873736.5/29

Out: 0.000+/-0.000 χ^2/NDF:46570043.5/33

All: 0.000+/-0.000 χ^2/NDF: 90217289.1/63

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -712.409+/-294.582 χ^2/NDF: 3.6/6

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 499.612+/-253.199 χ^2/NDF: 4.9/8

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

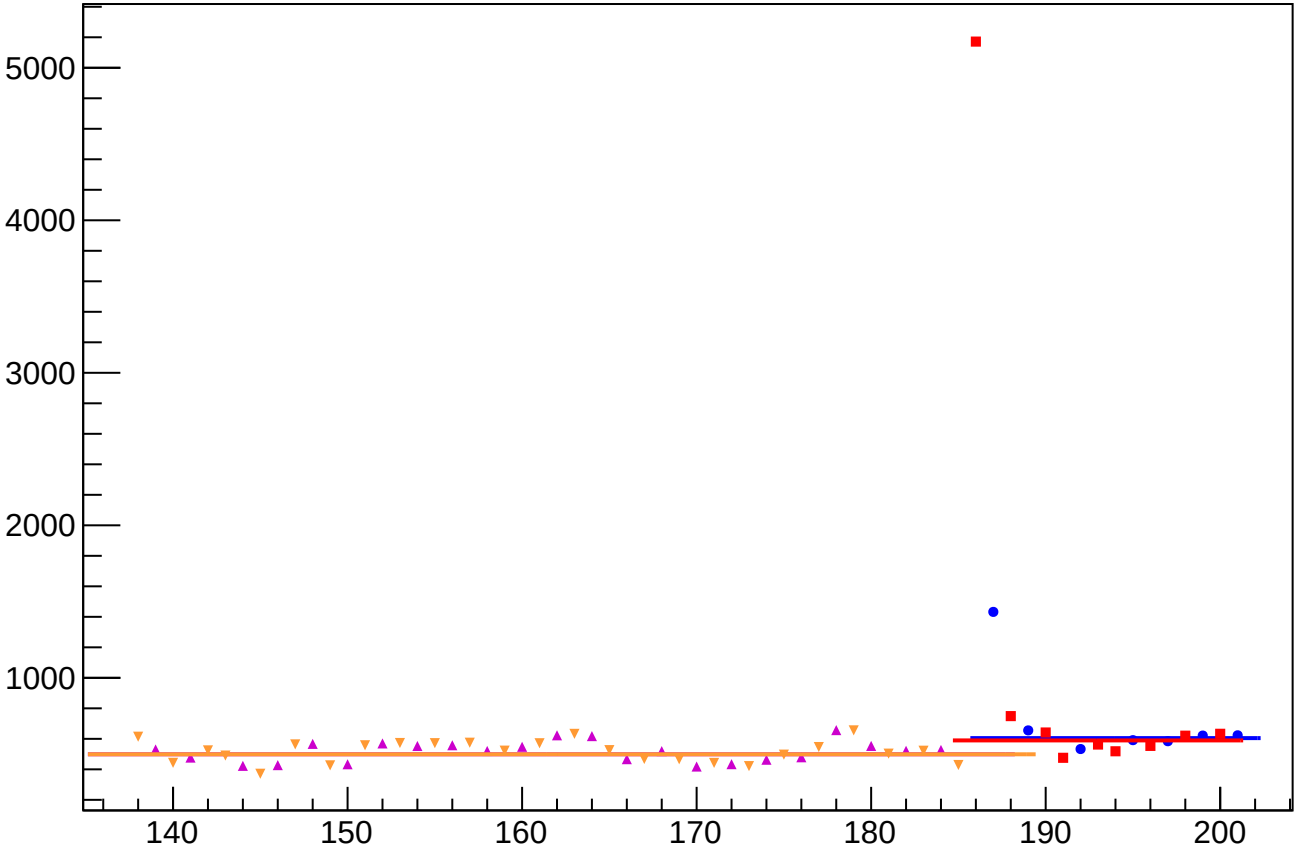
Right: -15.353+/-192.017 χ^2/NDF: 18.2/15

In: 4.612+/-111.304 χ^2/NDF:40.7/29

Out: -300.221+/-106.938 χ^2/NDF:44.9/33

All: -153.901+/-77.114 χ^2/NDF: 89.5/63

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 604.750+/-0.208 χ^2/NDF: 125774.5/6

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 589.707+/-0.179 χ^2/NDF: 740869.4/8

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

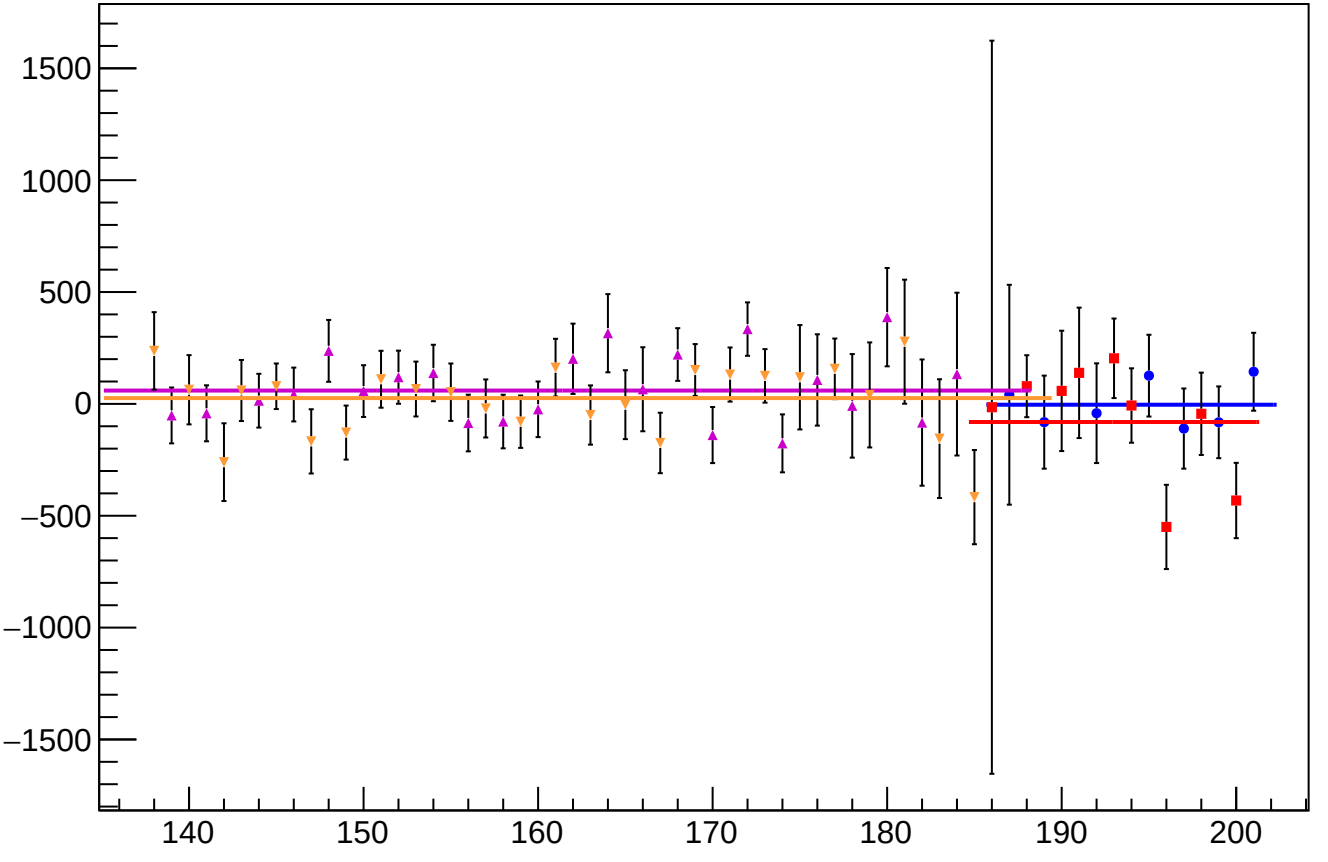
Right: 596.098+/-0.136 χ^2/NDF: 869643.4/15

In: 513.956+/-0.079 χ^2/NDF:919741.1/29

Out: 514.903+/-0.076 χ^2/NDF:1687984.7/33

All: 514.448+/-0.055 χ^2/NDF: 2607801.1/63

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.730+/-74.473 χ^2/NDF: 2.0/6

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: -80.918+/-64.699 χ^2/NDF: 15.5/8

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

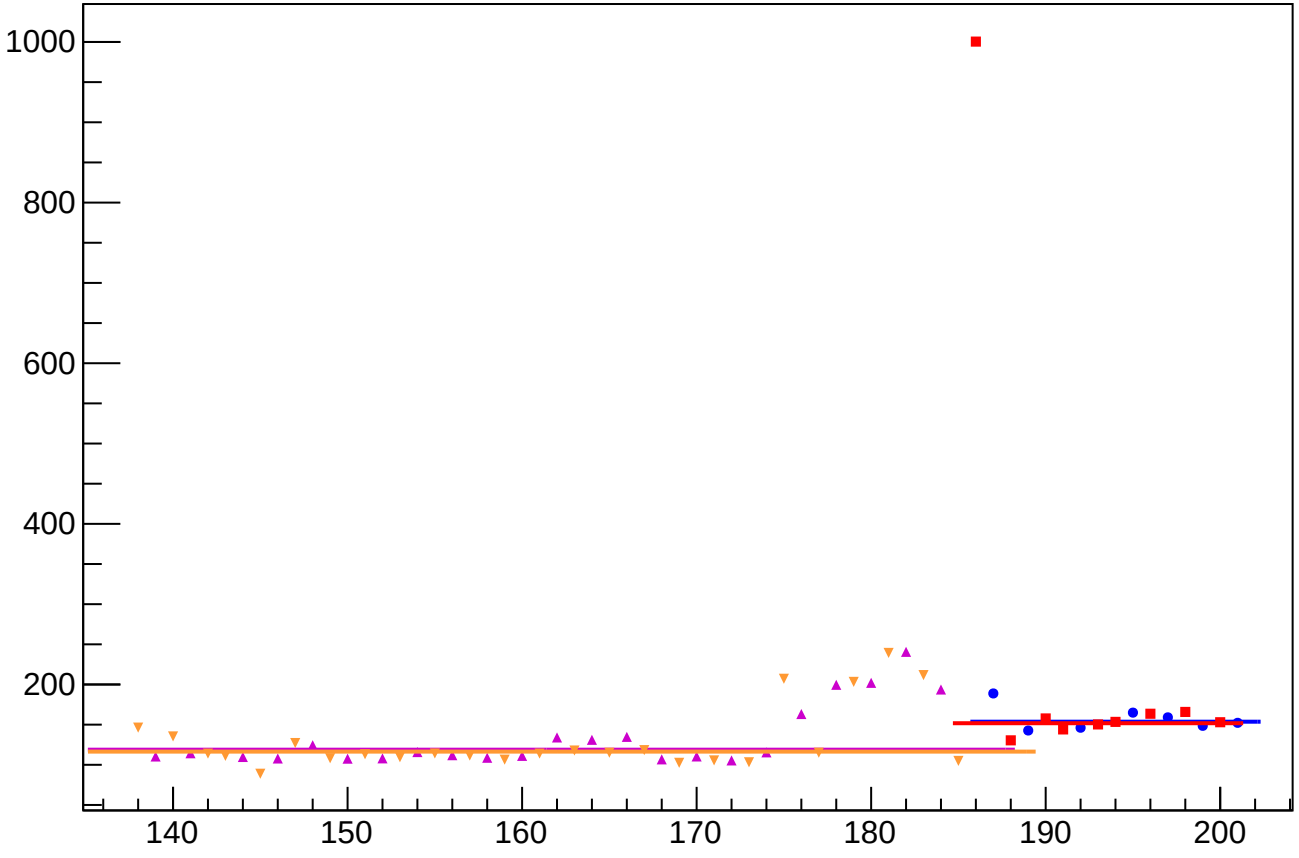
Right: -47.718+/-48.842 χ^2/NDF: 18.1/15

In: 51.173+/-27.172 χ^2/NDF:28.3/29

Out: 8.961+/-25.790 χ^2/NDF:40.5/33

All: 28.966+/-18.706 χ^2/NDF: 70.0/63

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 153.676+/-0.053 χ^2/NDF: 29700.8/6

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 151.776+/-0.046 χ^2/NDF: 606294.6/8

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

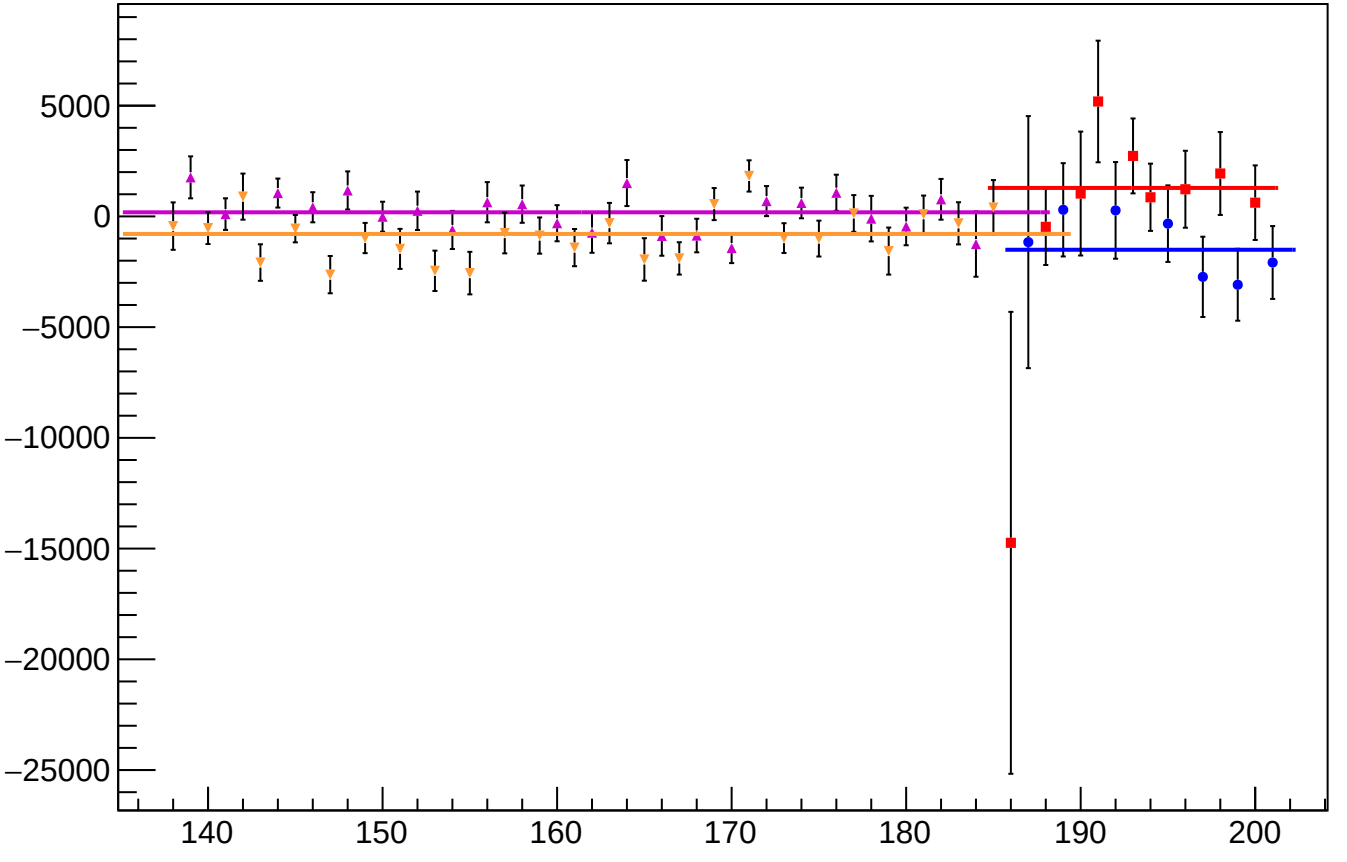
Right: 152.593+/-0.035 χ^2/NDF: 636737.2/15

In: 123.462+/-0.019 χ^2/NDF:1698623.6/29

Out: 122.044+/-0.018 χ^2/NDF:2698103.4/33

All: 122.716+/-0.013 χ^2/NDF: 4399591.3/63

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -1505.956+/-734.454 χ^2/NDF: 3.4/6

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 1285.805+/-651.084 χ^2/NDF: 6.5/8

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

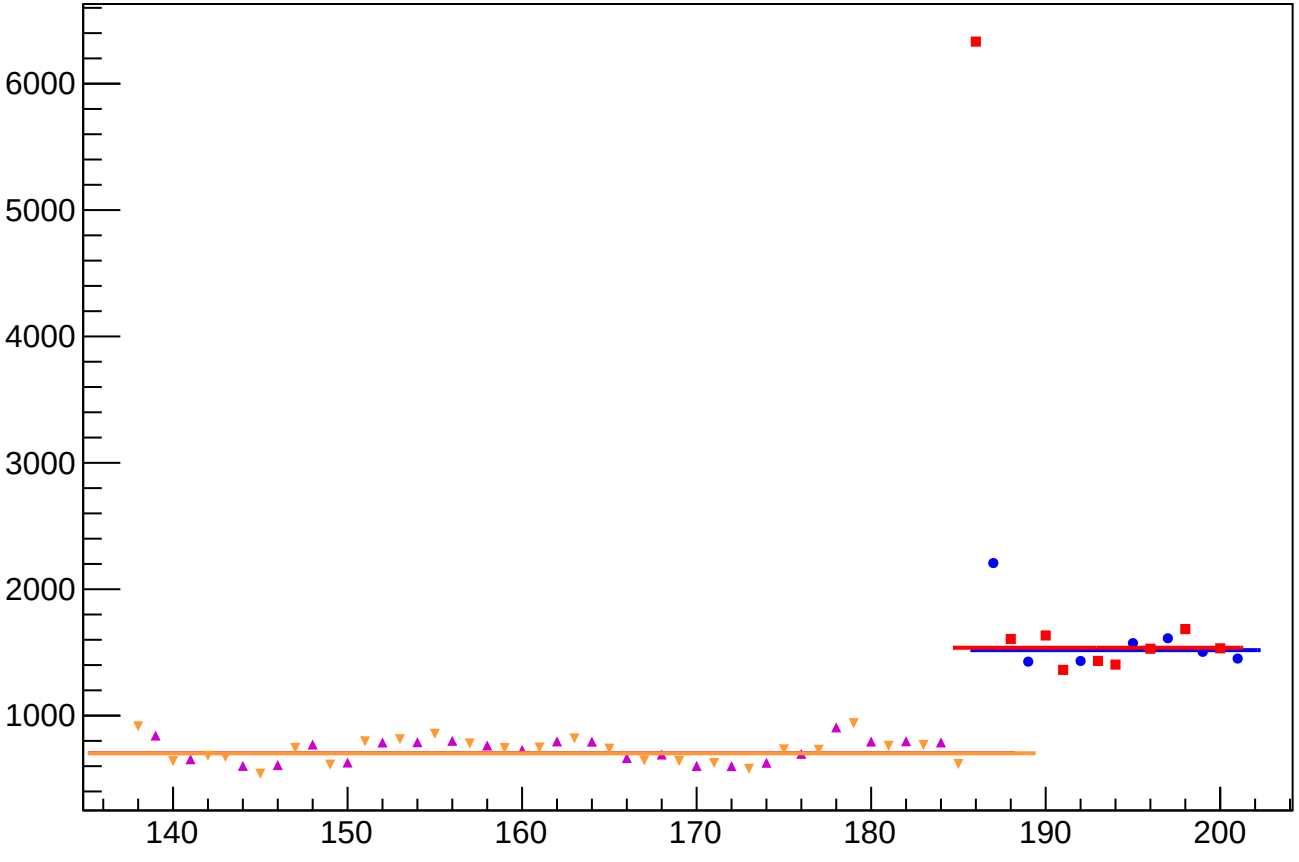
Right: 57.303+/-487.207 χ^2/NDF: 18.0/15

In: 99.985+/-164.857 χ^2/NDF:31.9/29

Out: -665.185+/-160.828 χ^2/NDF:59.7/33

All: -292.066+/-115.121 χ^2/NDF: 102.6/63

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1518.115+/-0.519 χ^2/NDF: 47001.2/6

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1537.139+/-0.460 χ^2/NDF: 472271.1/8

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

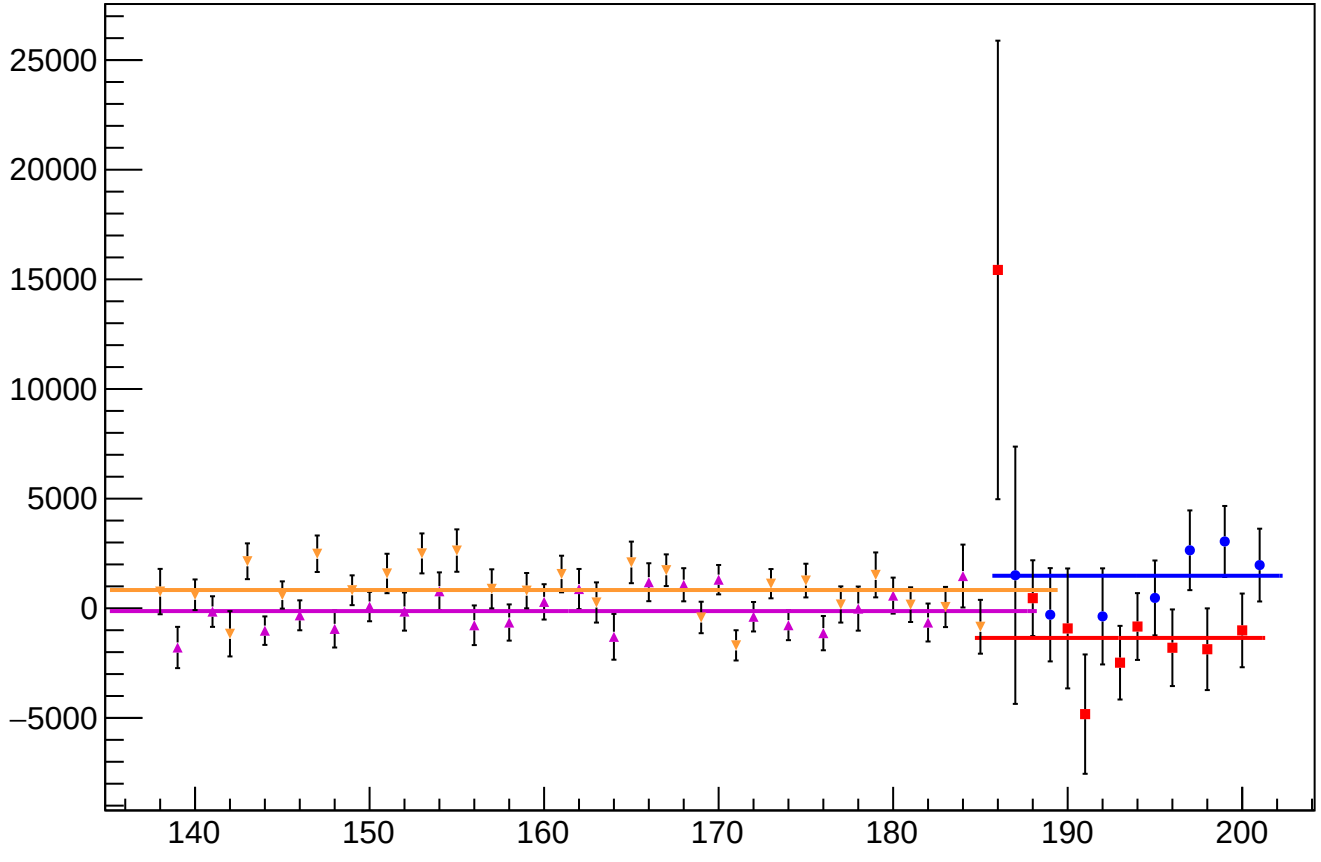
Right: 1528.767+/-0.345 χ^2/NDF: 520023.7/15

In: 744.742+/-0.117 χ^2/NDF:2915805.1/29

Out: 753.100+/-0.114 χ^2/NDF:4252502.9/33

All: 749.024+/-0.081 χ^2/NDF: 7170941.7/63

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 1483.023+/-735.476 χ^2/NDF: 3.2/6

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -1351.836+/-649.794 χ^2/NDF: 6.1/8

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

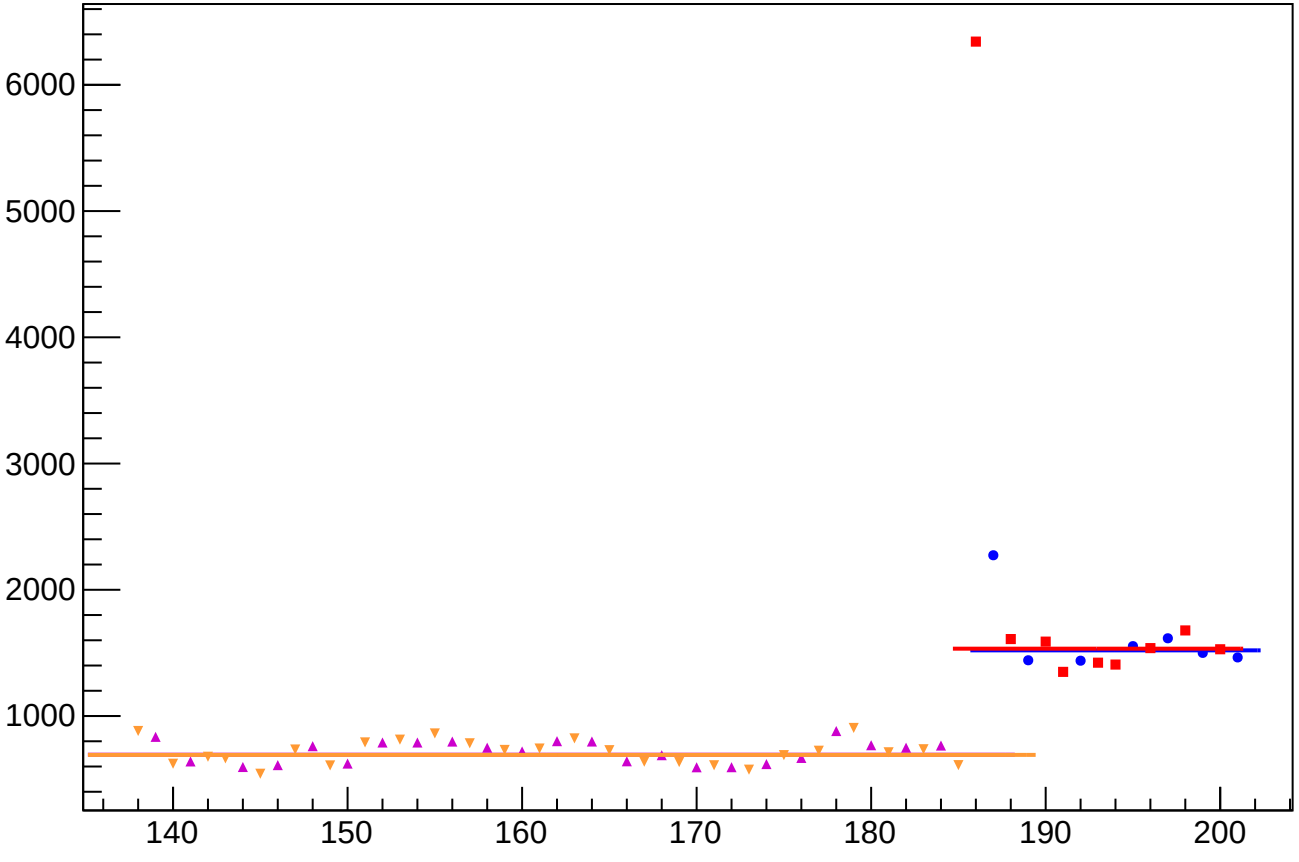
Right: -109.082+/-486.963 χ^2/NDF: 17.6/15

In: -49.246+/-162.730 χ^2/NDF:33.0/29

Out: 702.598+/-158.492 χ^2/NDF:60.5/33

All: 336.593+/-113.540 χ^2/NDF: 104.5/63

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 1520.142+/-0.520 χ^2/NDF: 47393.5/6

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1533.487+/-0.459 χ^2/NDF: 471399.4/8

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

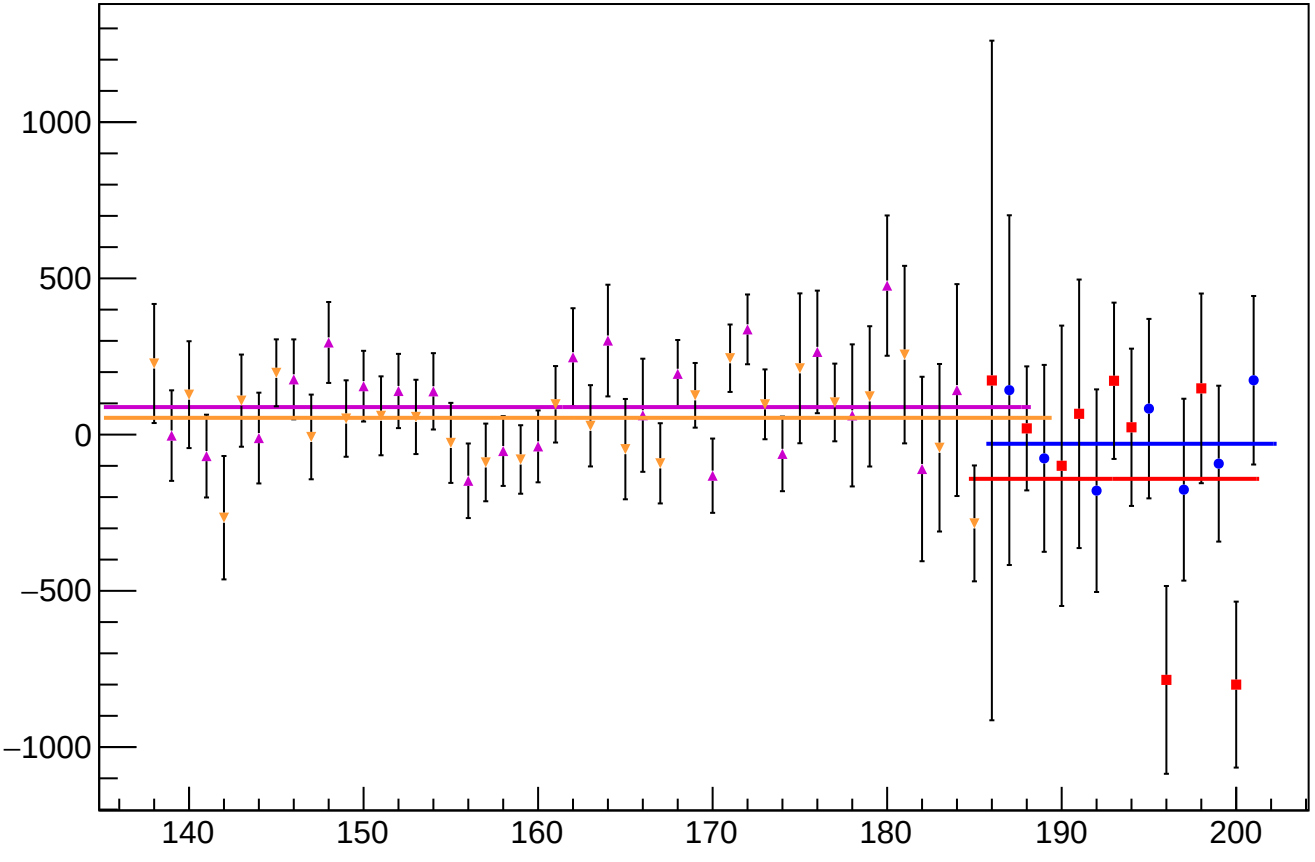
Right: 1527.637+/-0.344 χ^2/NDF: 519162.7/15

In: 734.078+/-0.115 χ^2/NDF:2970274.9/29

Out: 742.129+/-0.112 χ^2/NDF:4283049.5/33

All: 738.210+/-0.080 χ^2/NDF: 7255836.6/63

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -29.319+/-113.496 χ^2/NDF: 1.4/6

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: -141.533+/-97.822 χ^2/NDF: 14.6/8

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

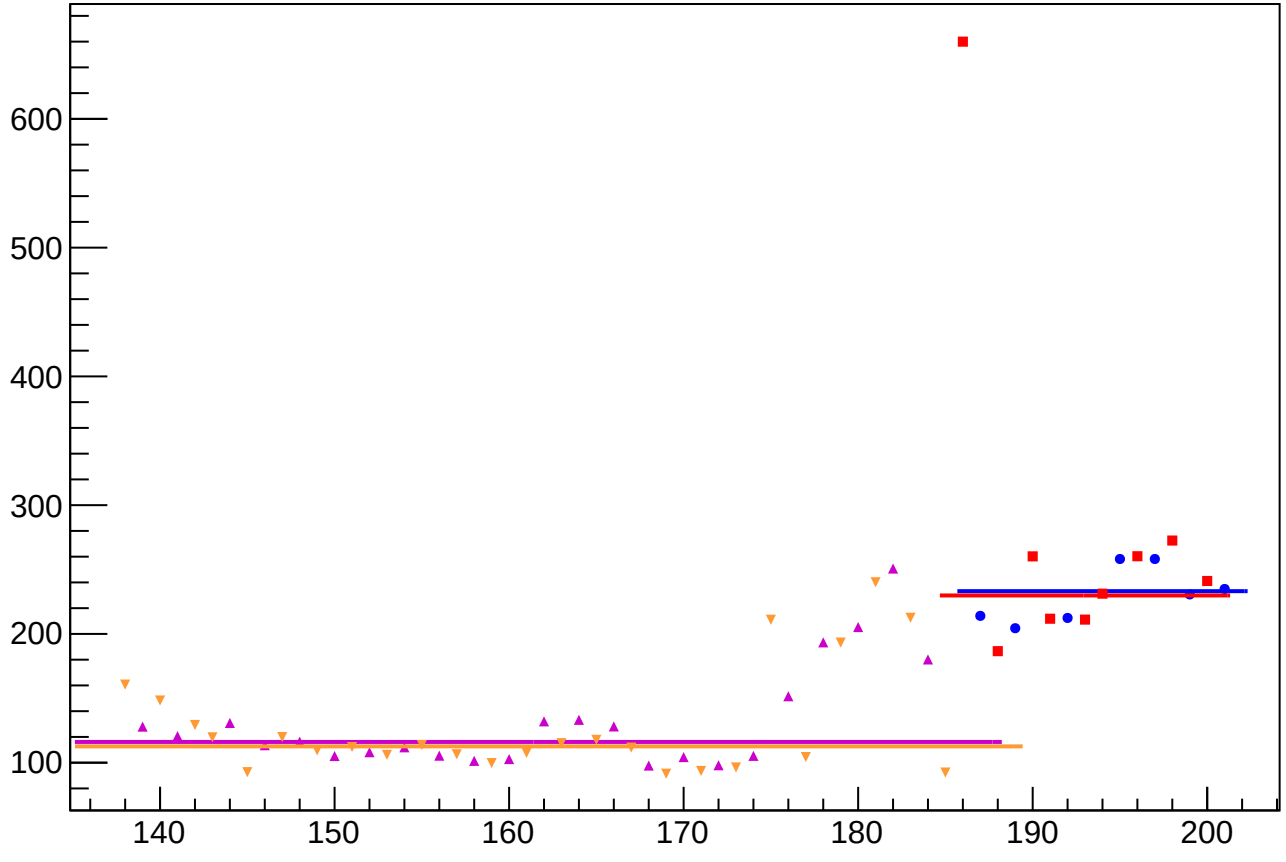
Right: -93.704+/-74.098 χ^2/NDF: 16.6/15

In: 80.999+/-27.882 χ^2/NDF:32.8/29

Out: 39.438+/-26.440 χ^2/NDF:37.6/33

All: 59.116+/-19.185 χ^2/NDF: 71.5/63

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 233.209+/-0.080 χ^2/NDF: 59235.4/6

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 229.875+/-0.069 χ^2/NDF: 495483.9/8

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

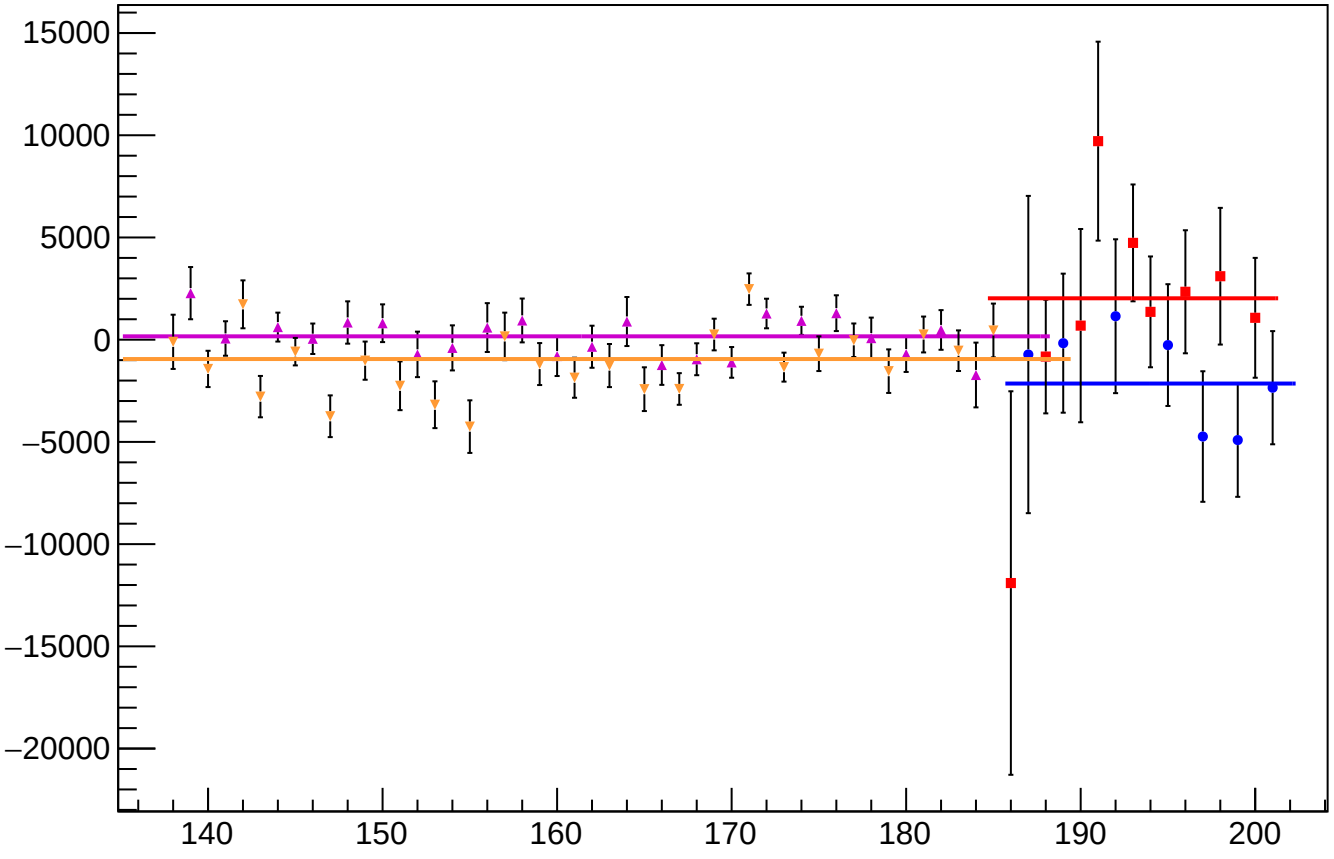
Right: 231.296+/-0.052 χ^2/NDF: 555709.9/15

In: 123.175+/-0.020 χ^2/NDF:3498714.0/29

Out: 121.230+/-0.019 χ^2/NDF:5008391.6/33

All: 122.151+/-0.014 χ^2/NDF: 8512227.5/63

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -2145.080+/-1245.554 χ^2/NDF: 3.2/6

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 2024.632+/-1116.233 χ^2/NDF: 7.0/8

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

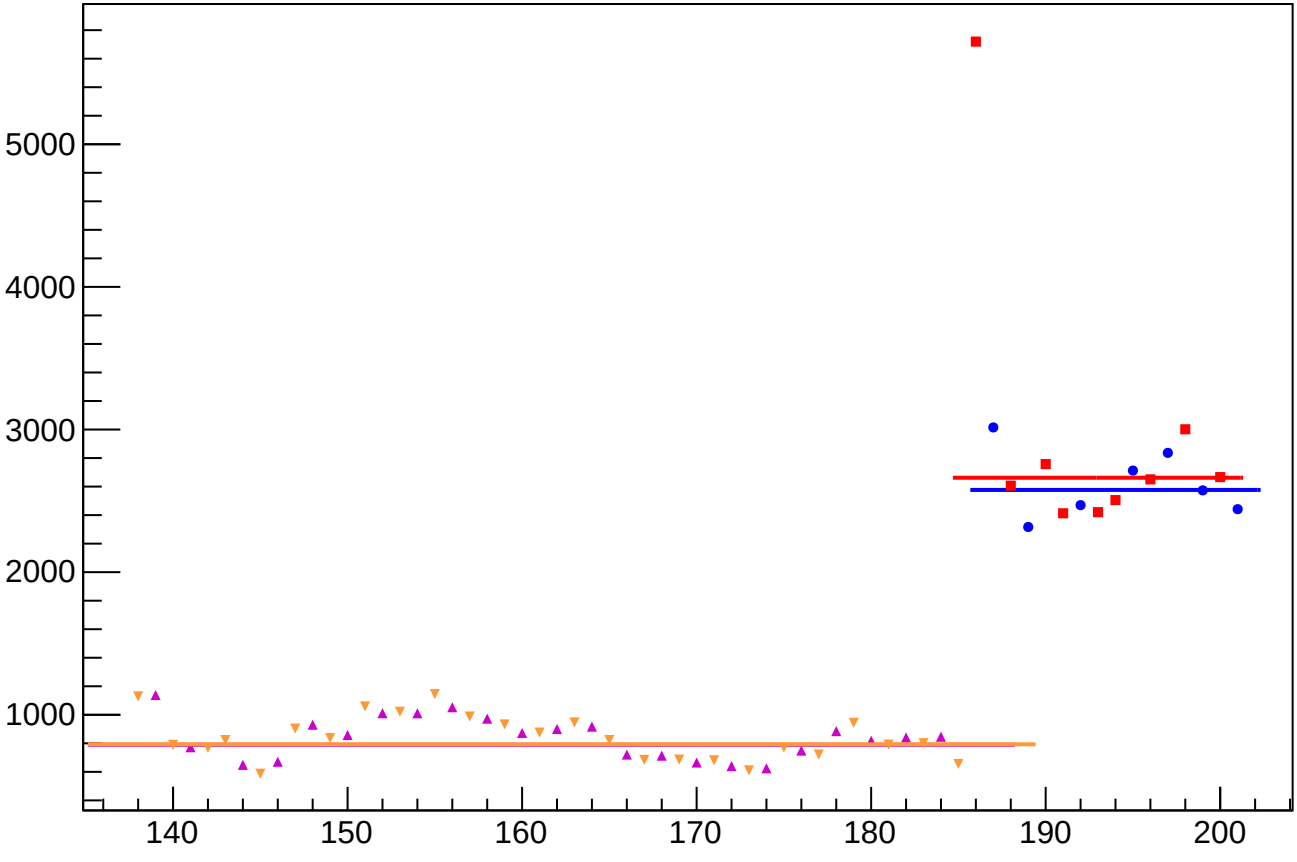
Right: 167.410+/-831.269 χ^2/NDF: 16.4/15

In: 111.076+/-188.920 χ^2/NDF:28.6/29

Out: -863.891+/-186.030 χ^2/NDF:77.2/33

All: -383.922+/-132.553 χ^2/NDF: 119.3/63

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2576.649+/-0.881 χ^2/NDF: 41821.3/6

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2662.052+/-0.789 χ^2/NDF: 261025.9/8

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

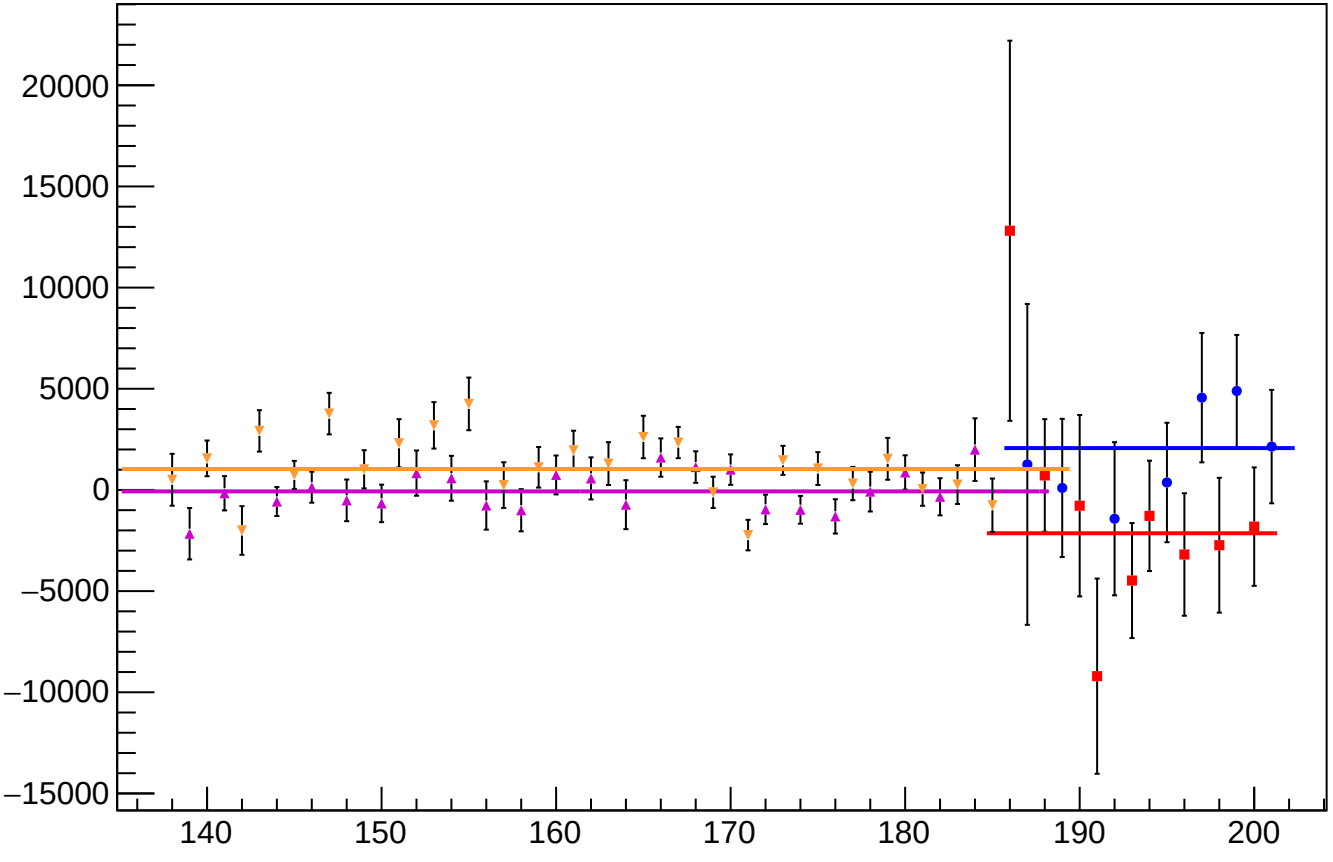
Right: 2624.013+/-0.588 χ^2/NDF: 308061.8/15

In: 830.808+/-0.134 χ^2/NDF:5083591.1/29

Out: 845.063+/-0.132 χ^2/NDF:6870660.0/33

All: 838.046+/-0.094 χ^2/NDF: 11960032.3/63

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 2068.429+/-1248.424 χ^2/NDF: 3.2/6

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -2140.923+/-1112.711 χ^2/NDF: 6.8/8

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

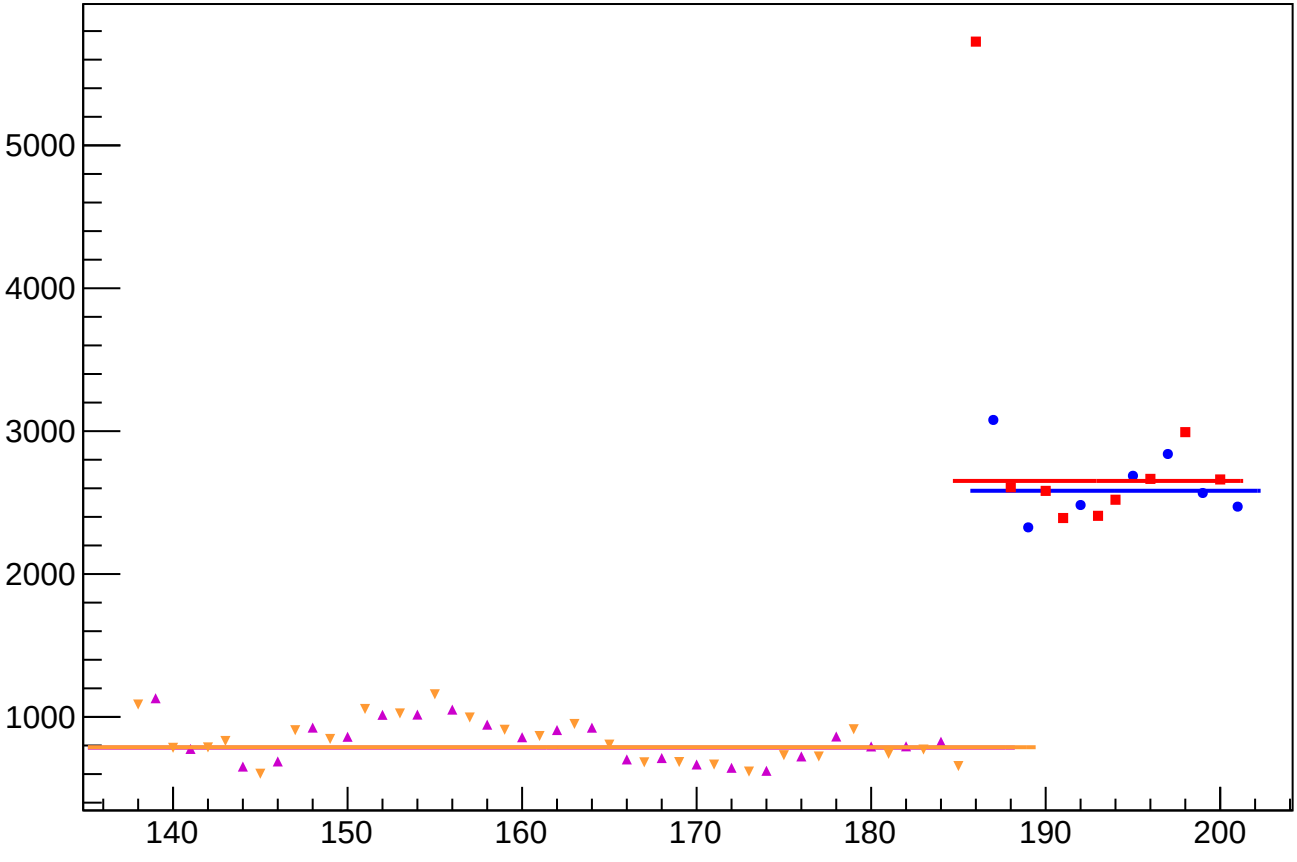
Right: -277.396+/-830.658 χ^2/NDF: 16.3/15

In: -22.345+/-187.987 χ^2/NDF:29.4/29

Out: 948.132+/-184.647 χ^2/NDF:76.0/33

All: 471.591+/-131.730 χ^2/NDF: 119.1/63

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2582.765+/-0.883 χ^2/NDF: 39151.9/6

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2651.674+/-0.787 χ^2/NDF: 261554.1/8

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

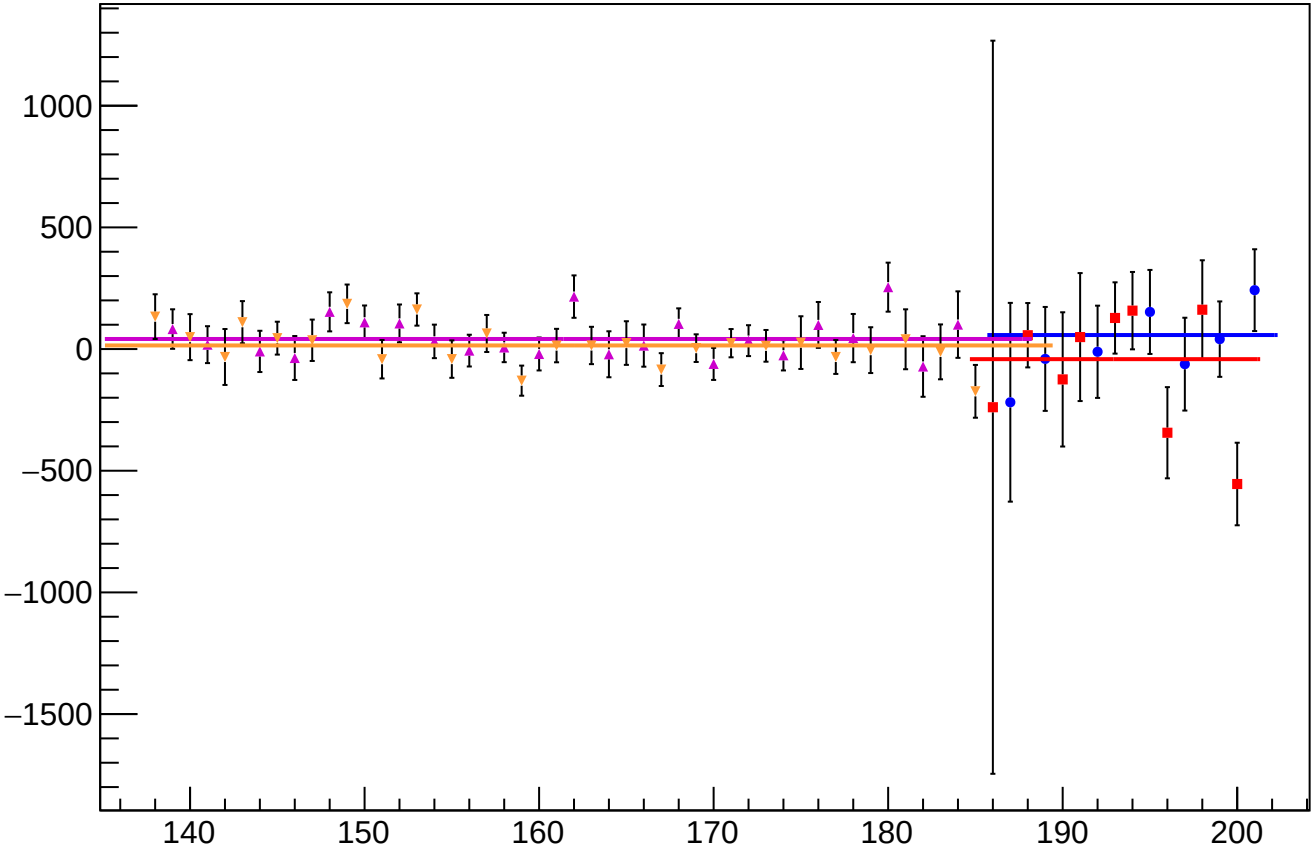
Right: 2621.167+/-0.587 χ^2/NDF: 304101.8/15

In: 825.938+/-0.133 χ^2/NDF:5068605.4/29

Out: 839.302+/-0.131 χ^2/NDF:6831699.4/33

All: 832.740+/-0.093 χ^2/NDF: 11905449.6/63

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 57.644+/-71.827 χ^2/NDF: 2.7/6

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: -41.466+/-62.159 χ^2/NDF: 16.4/8

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

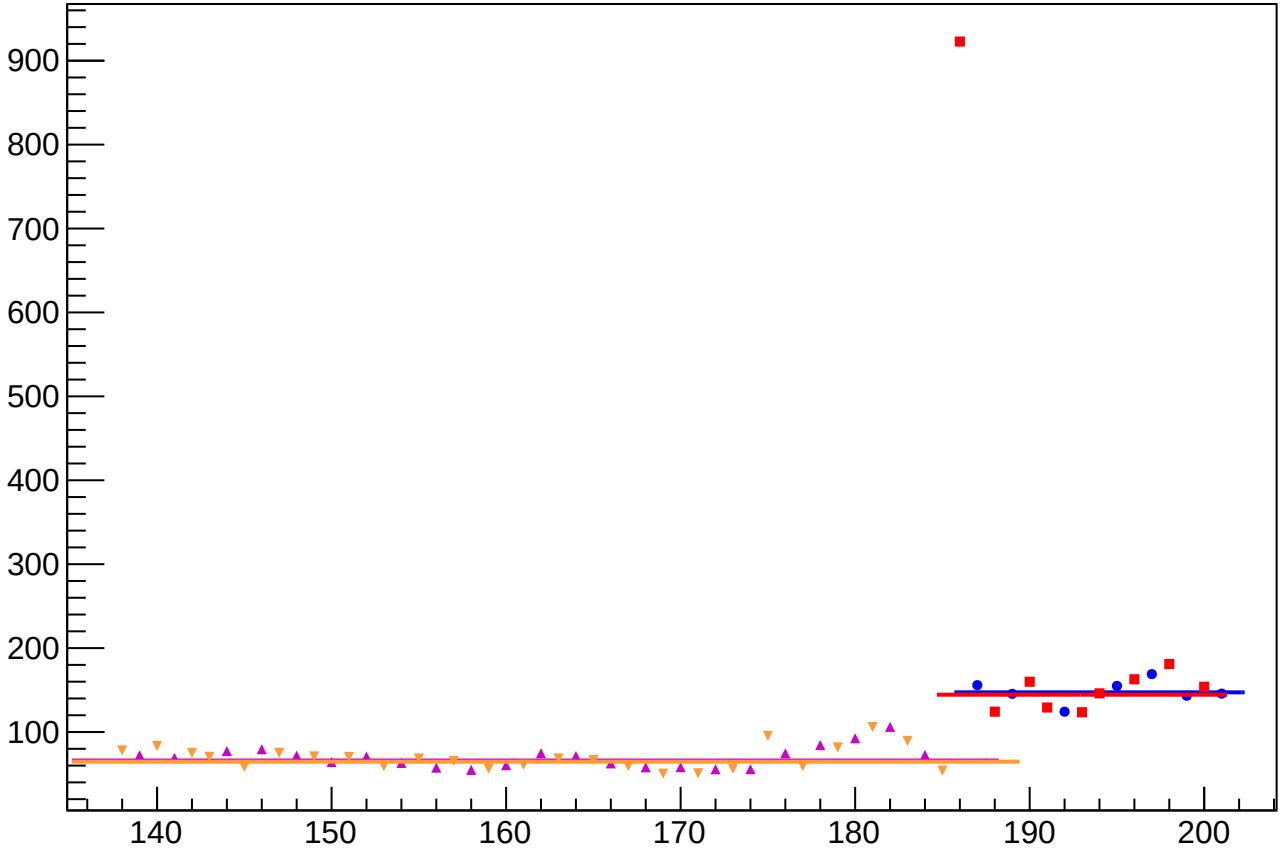
Right: 0.975+/-47.002 χ^2/NDF: 20.2/15

In: 42.207+/-15.738 χ^2/NDF:24.4/29

Out: 11.569+/-15.066 χ^2/NDF:43.1/33

All: 26.220+/-10.883 χ^2/NDF: 69.5/63

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 147.288+/-0.051 χ^2/NDF: 61980.3/6

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 144.461+/-0.044 χ^2/NDF: 724816.3/8

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

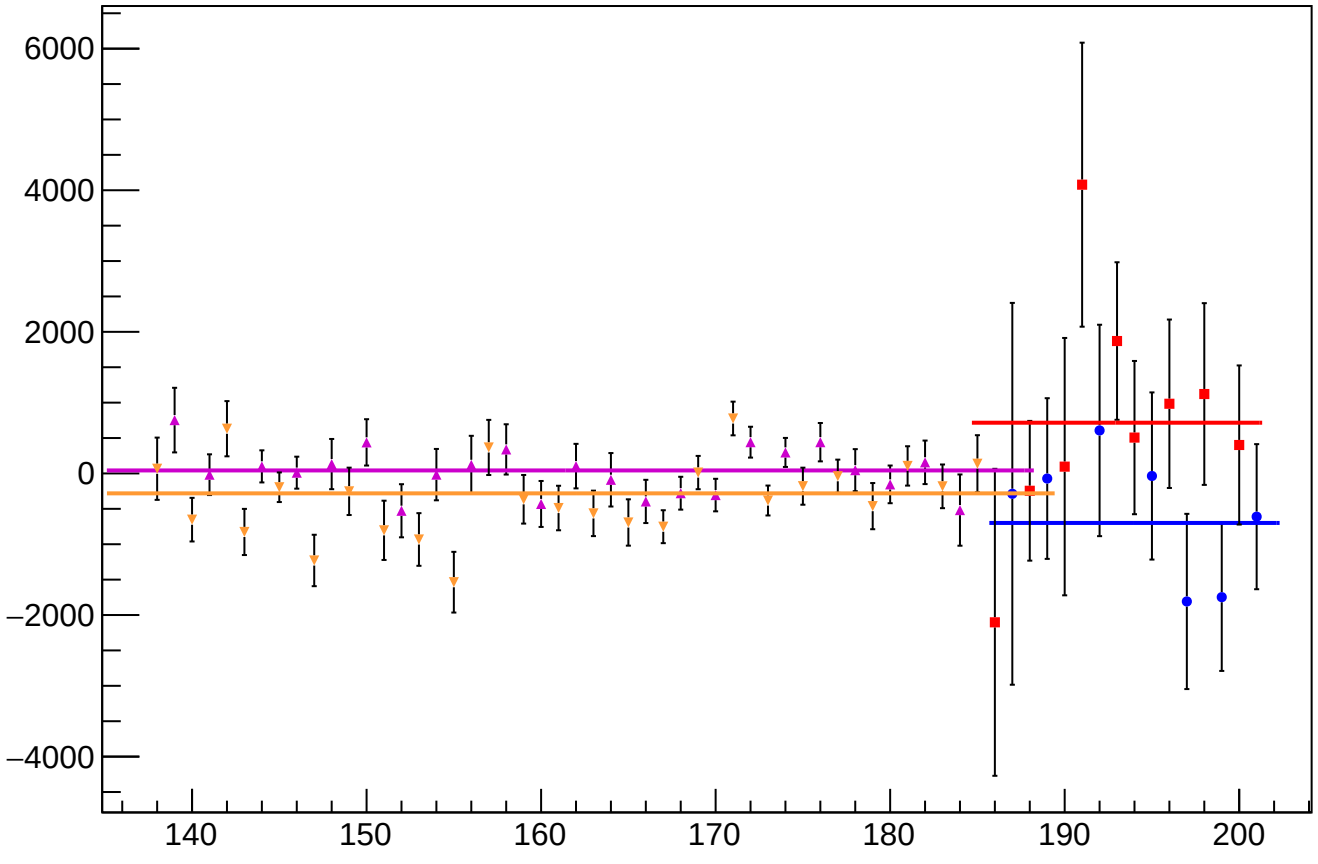
Right: 145.672+/-0.033 χ^2/NDF: 788567.3/15

In: 69.918+/-0.011 χ^2/NDF:3368046.9/29

Out: 69.367+/-0.011 χ^2/NDF:4976382.6/33

All: 69.630+/-0.008 χ^2/NDF: 8345709.0/63

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: -699.319+/-465.936 χ^2/NDF: 3.2/6

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 716.384+/-424.182 χ^2/NDF: 6.9/8

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

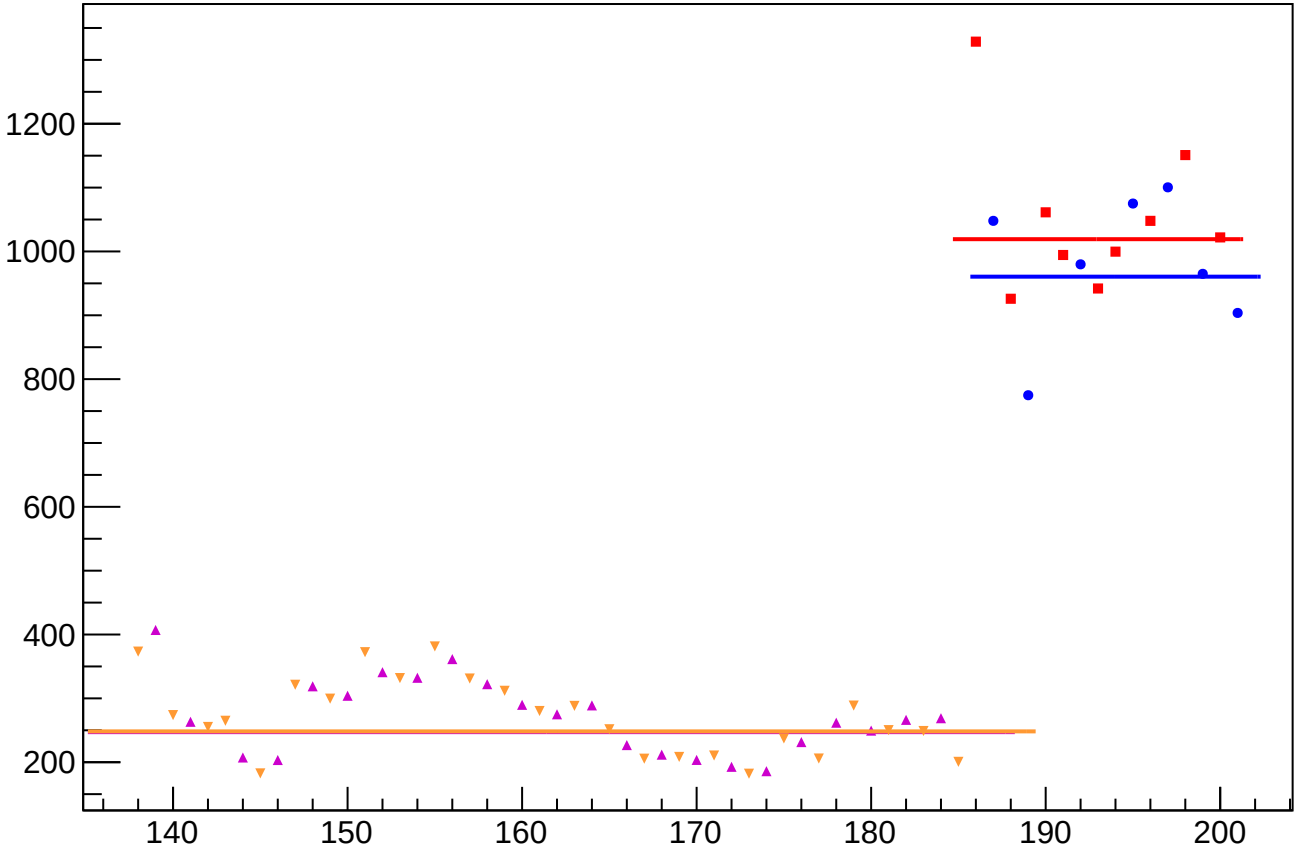
Right: 74.794+/-313.667 χ^2/NDF: 15.2/15

In: 30.157+/-59.786 χ^2/NDF:30.4/29

Out: -262.132+/-58.956 χ^2/NDF:78.8/33

All: -118.030+/-41.978 χ^2/NDF: 121.3/63

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 960.501+/-0.329 χ^2/NDF: 106542.2/6

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 1019.208+/-0.300 χ^2/NDF: 92516.3/8

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

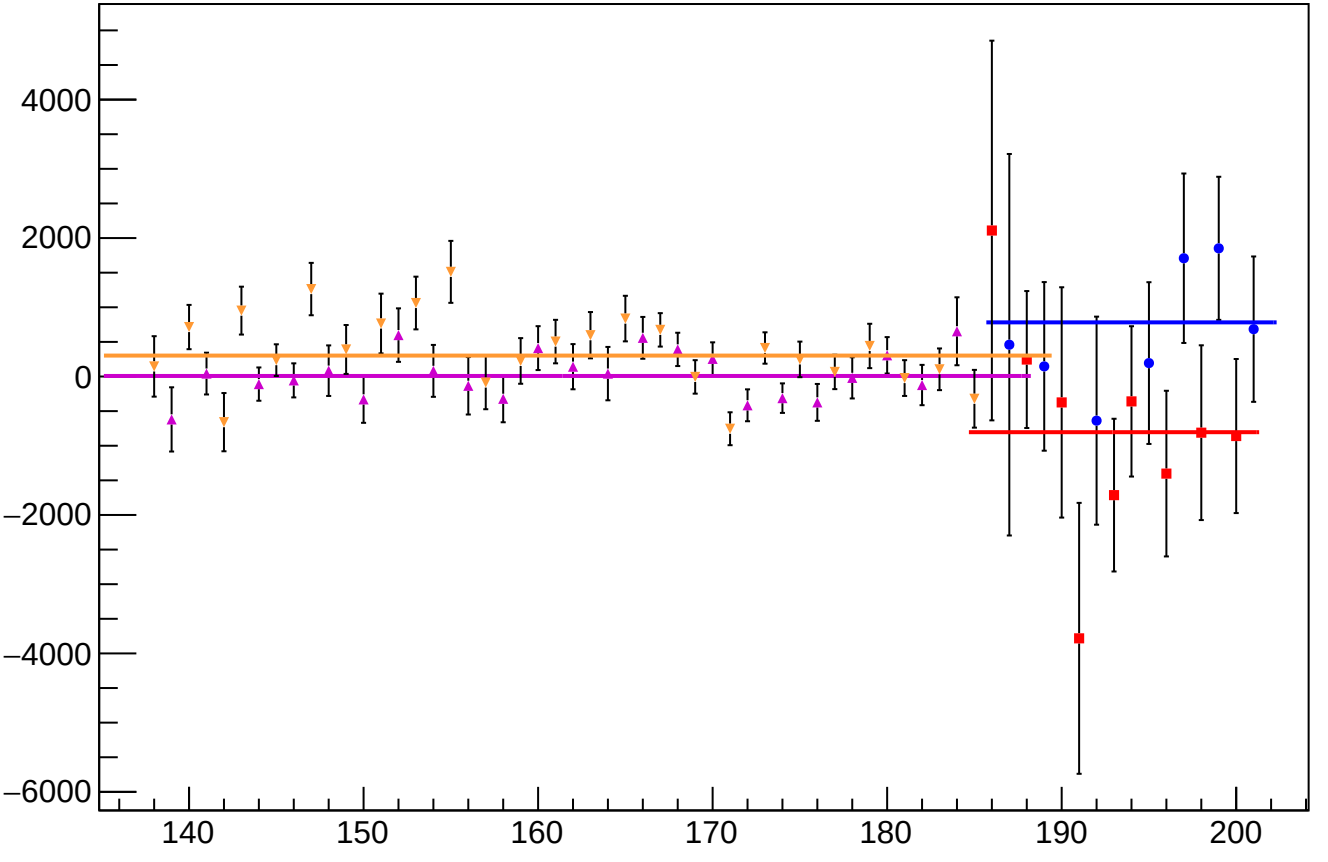
Right: 992.603+/-0.222 χ^2/NDF: 216420.0/15

In: 258.851+/-0.042 χ^2/NDF:6257237.7/29

Out: 263.189+/-0.042 χ^2/NDF:8258538.5/33

All: 261.050+/-0.030 χ^2/NDF: 14521114.1/63

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 782.116+/-471.810 χ^2/NDF: 3.1/6

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -804.204+/-423.302 χ^2/NDF: 5.7/8

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

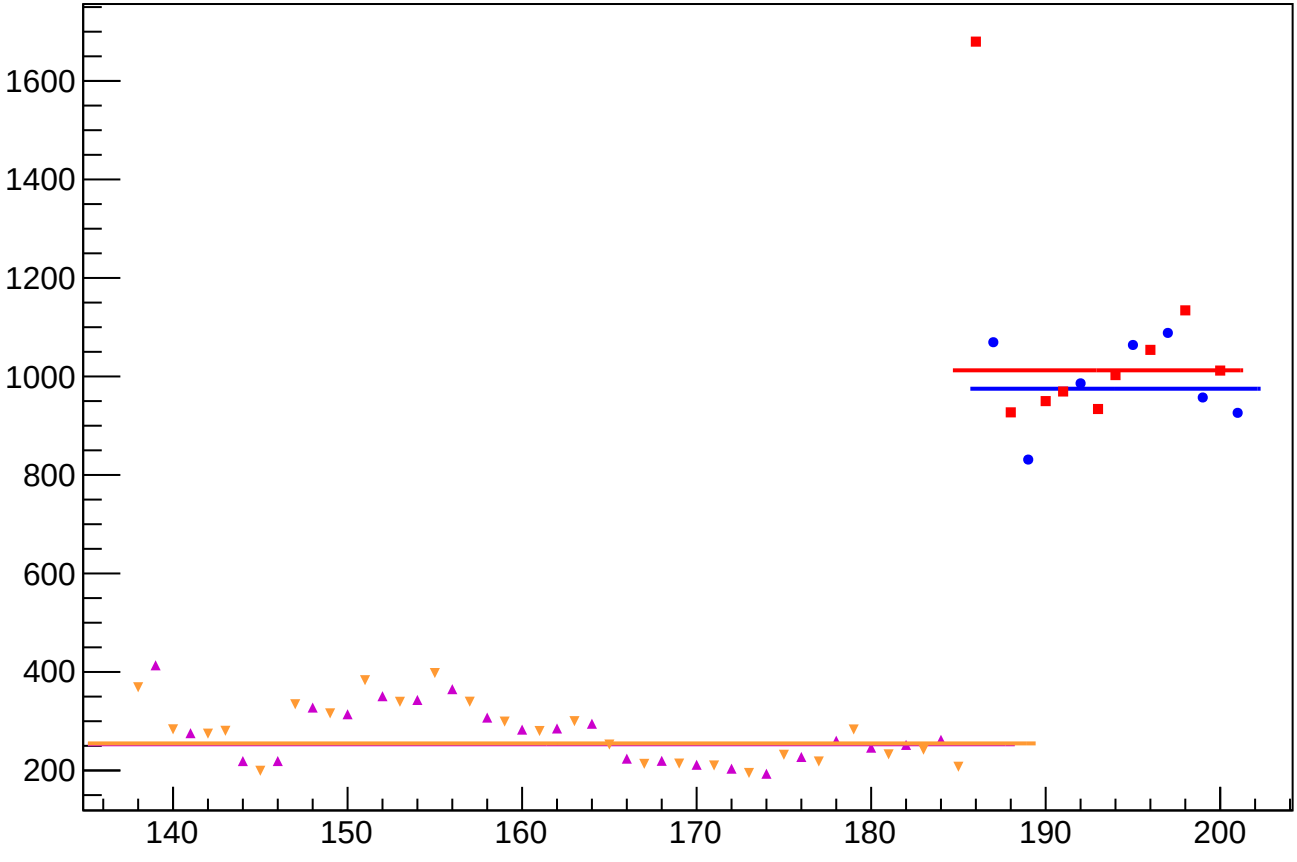
Right: -96.758+/-315.078 χ^2/NDF: 15.1/15

In: 20.943+/-61.204 χ^2/NDF:32.0/29

Out: 279.914+/-60.367 χ^2/NDF:76.3/33

All: 152.211+/-42.979 χ^2/NDF: 117.4/63

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 975.092+/-0.334 χ^2/NDF: 64018.6/6

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 1012.450+/-0.299 χ^2/NDF: 168432.0/8

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

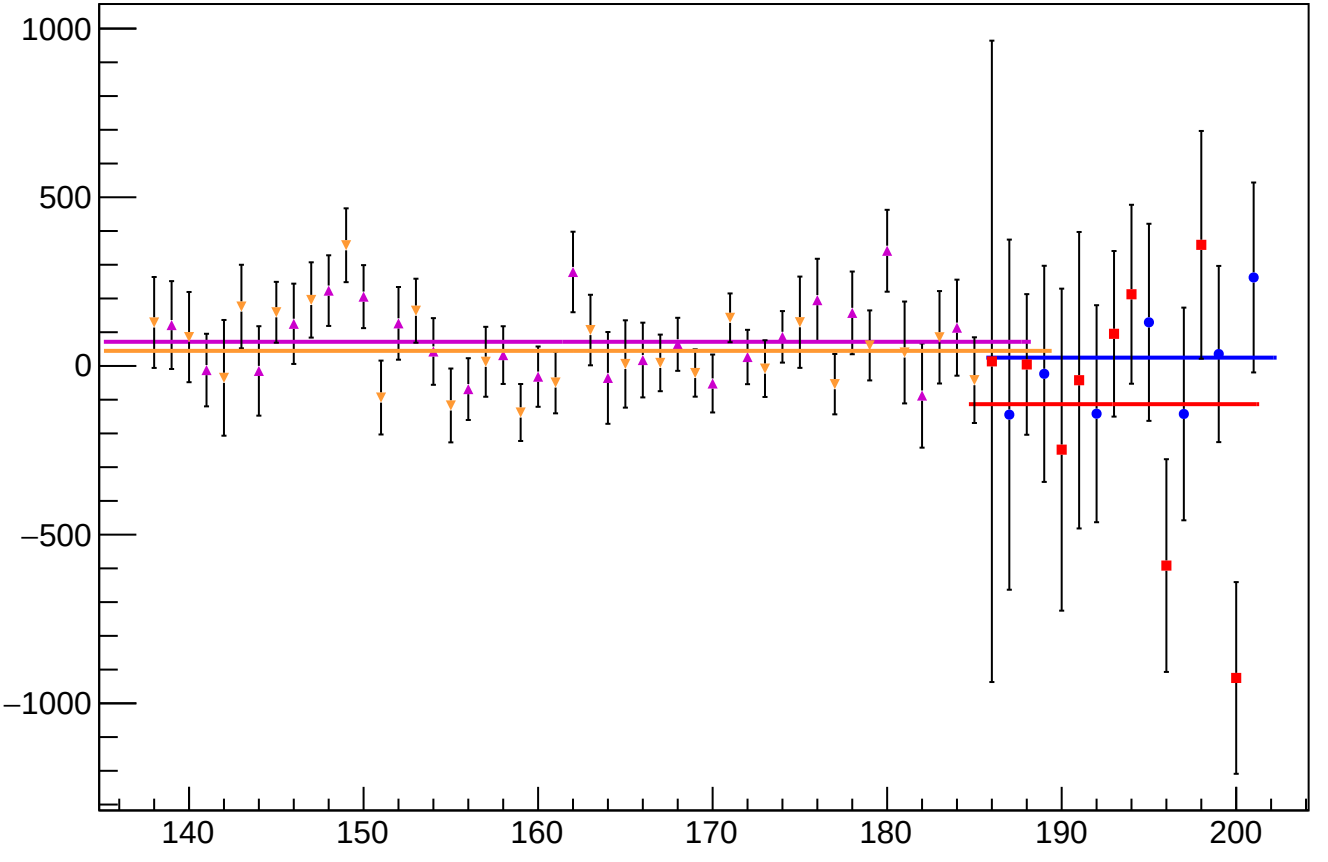
Right: 995.790+/-0.223 χ^2/NDF: 239397.9/15

In: 265.318+/-0.043 χ^2/NDF:6034235.0/29

Out: 270.343+/-0.043 χ^2/NDF:7984742.2/33

All: 267.866+/-0.030 χ^2/NDF: 14025811.1/63

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 24.672+/-117.688 χ^2/NDF: 1.5/6

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: -113.269+/-102.198 χ^2/NDF: 15.1/8

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

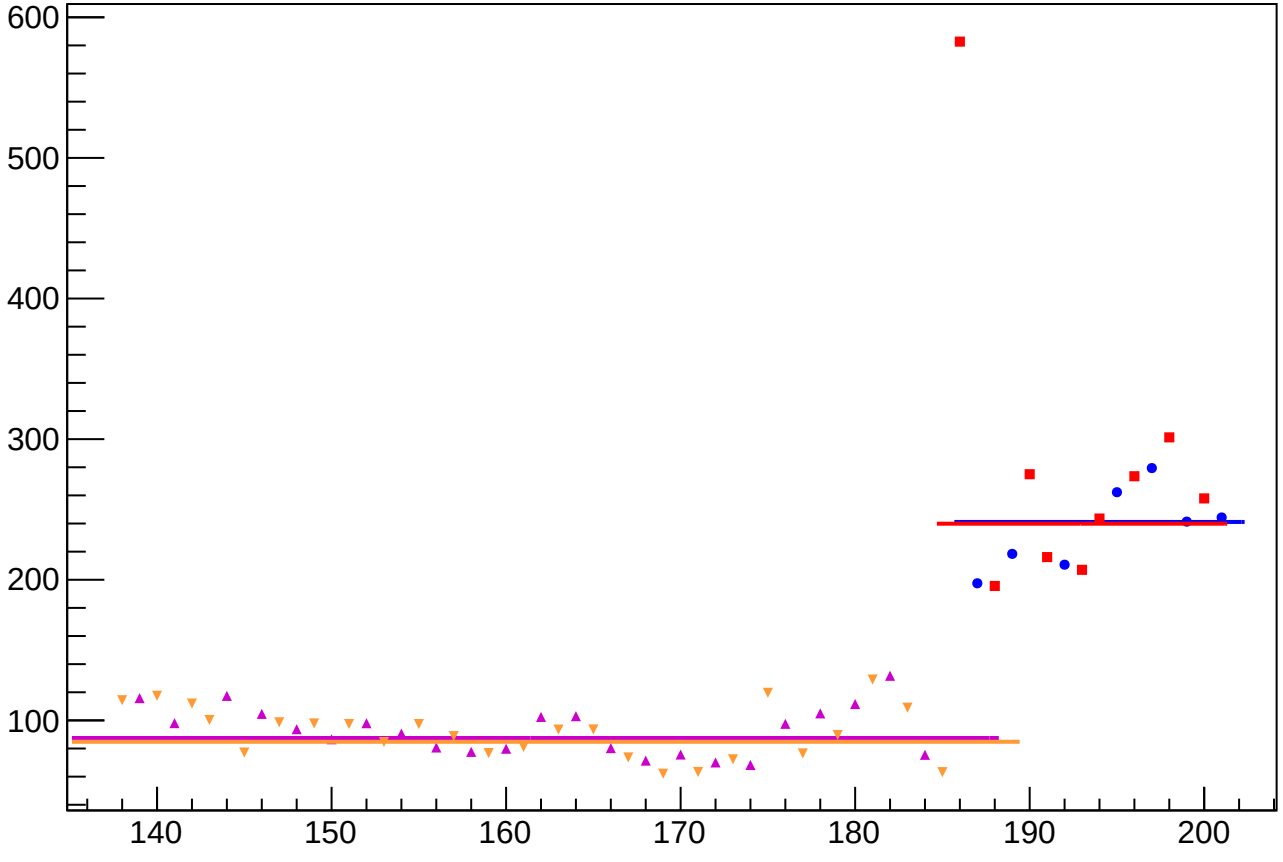
Right: -53.968+/-77.164 χ^2/NDF: 17.4/15

In: 70.108+/-21.120 χ^2/NDF:25.3/29

Out: 38.657+/-20.062 χ^2/NDF:47.9/33

All: 53.575+/-14.546 χ^2/NDF: 74.4/63

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 241.123+/-0.083 χ^2/NDF: 82318.1/6

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 239.878+/-0.072 χ^2/NDF: 500389.7/8

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

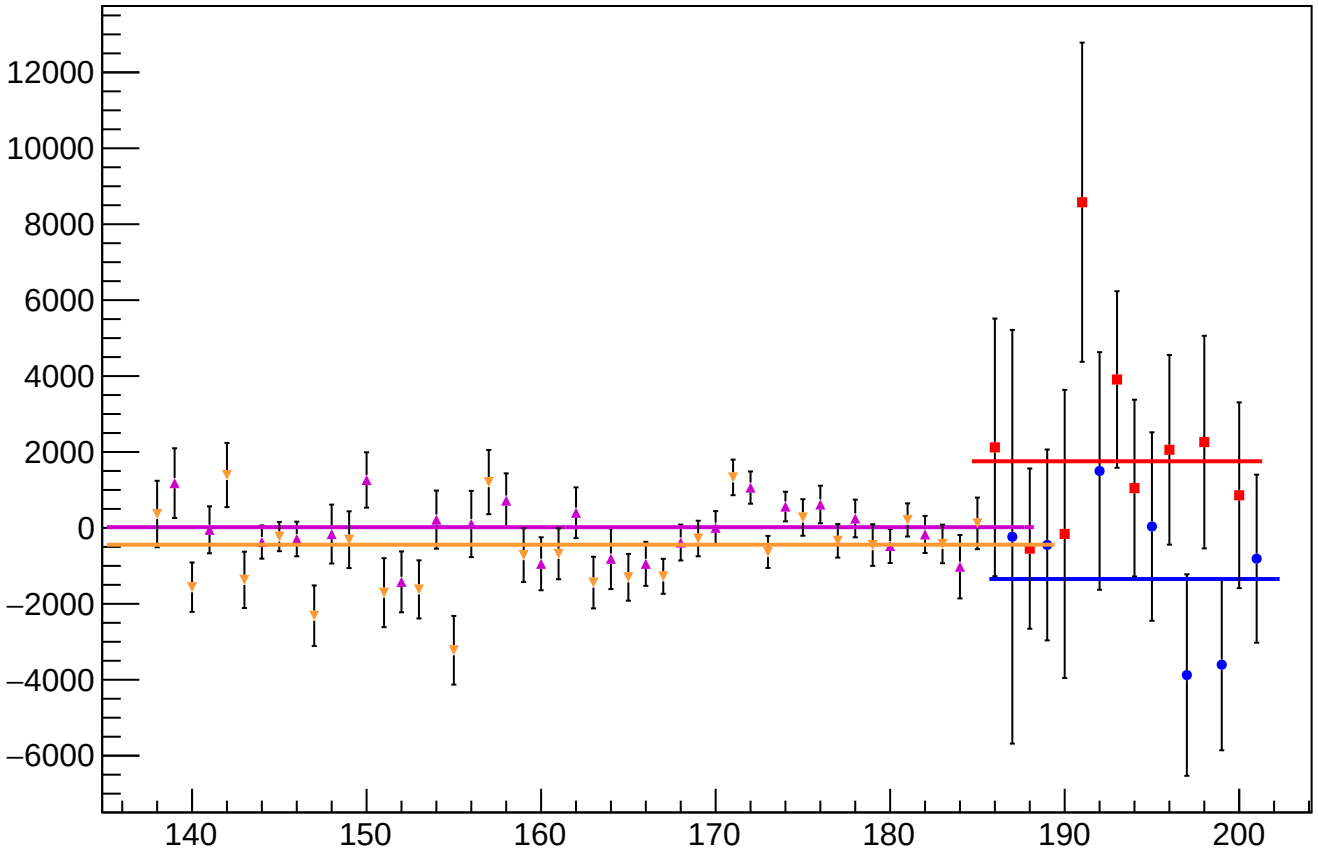
Right: 240.413+/-0.055 χ^2/NDF: 582835.3/15

In: 92.425+/-0.015 χ^2/NDF:4437809.7/29

Out: 90.769+/-0.014 χ^2/NDF:6311427.1/33

All: 91.555+/-0.010 χ^2/NDF: 10755706.4/63

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: -1345.996+/-1000.397 χ^2/NDF: 3.3/6

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 1755.106+/-890.357 χ^2/NDF: 5.2/8

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

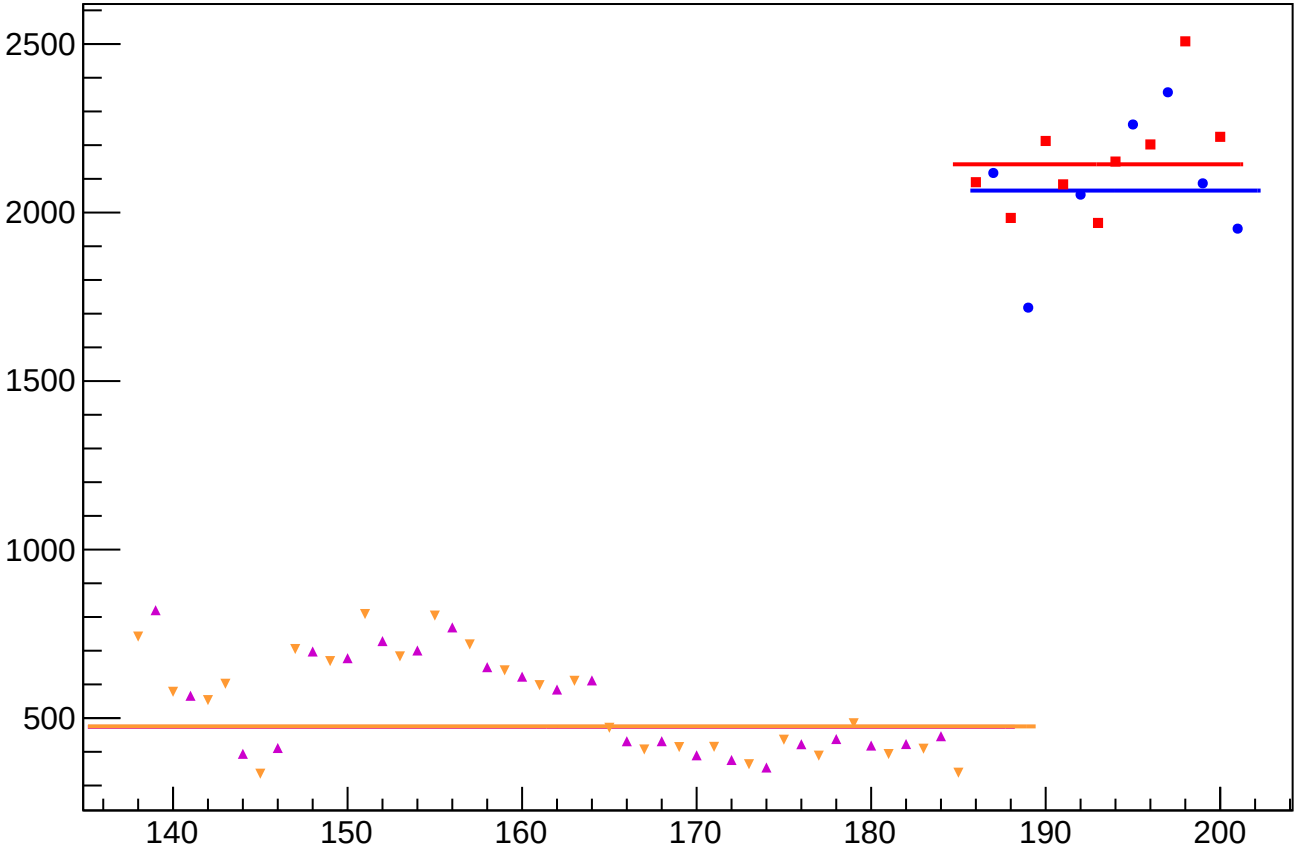
Right: 384.428+/-665.093 χ^2/NDF: 13.9/15

In: 0.954+/-116.032 χ^2/NDF:34.6/29

Out: -405.965+/-114.467 χ^2/NDF:72.2/33

All: -205.268+/-81.488 χ^2/NDF: 113.0/63

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 2065.221+/-0.707 χ^2/NDF: 80394.9/6

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2143.179+/-0.630 χ^2/NDF: 61430.3/8

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

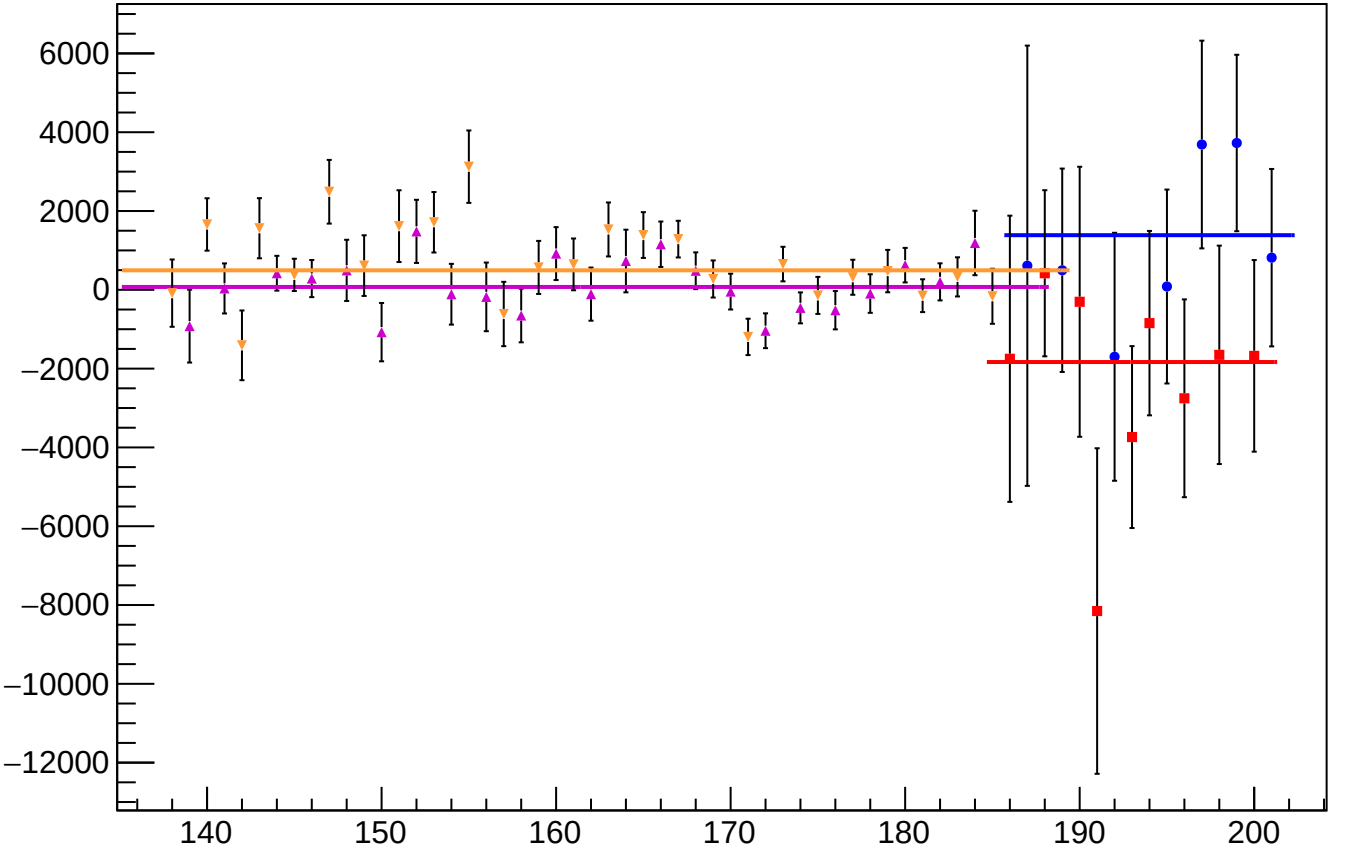
Right: 2108.722+/-0.470 χ^2/NDF: 148602.4/15

In: 495.354+/-0.082 χ^2/NDF:7247079.8/29

Out: 502.981+/-0.081 χ^2/NDF:9472470.8/33

All: 499.219+/-0.058 χ^2/NDF: 16723930.3/63

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 1386.556+/-1005.582 χ^2/NDF: 3.3/6

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1832.557+/-886.387 χ^2/NDF: 4.7/8

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

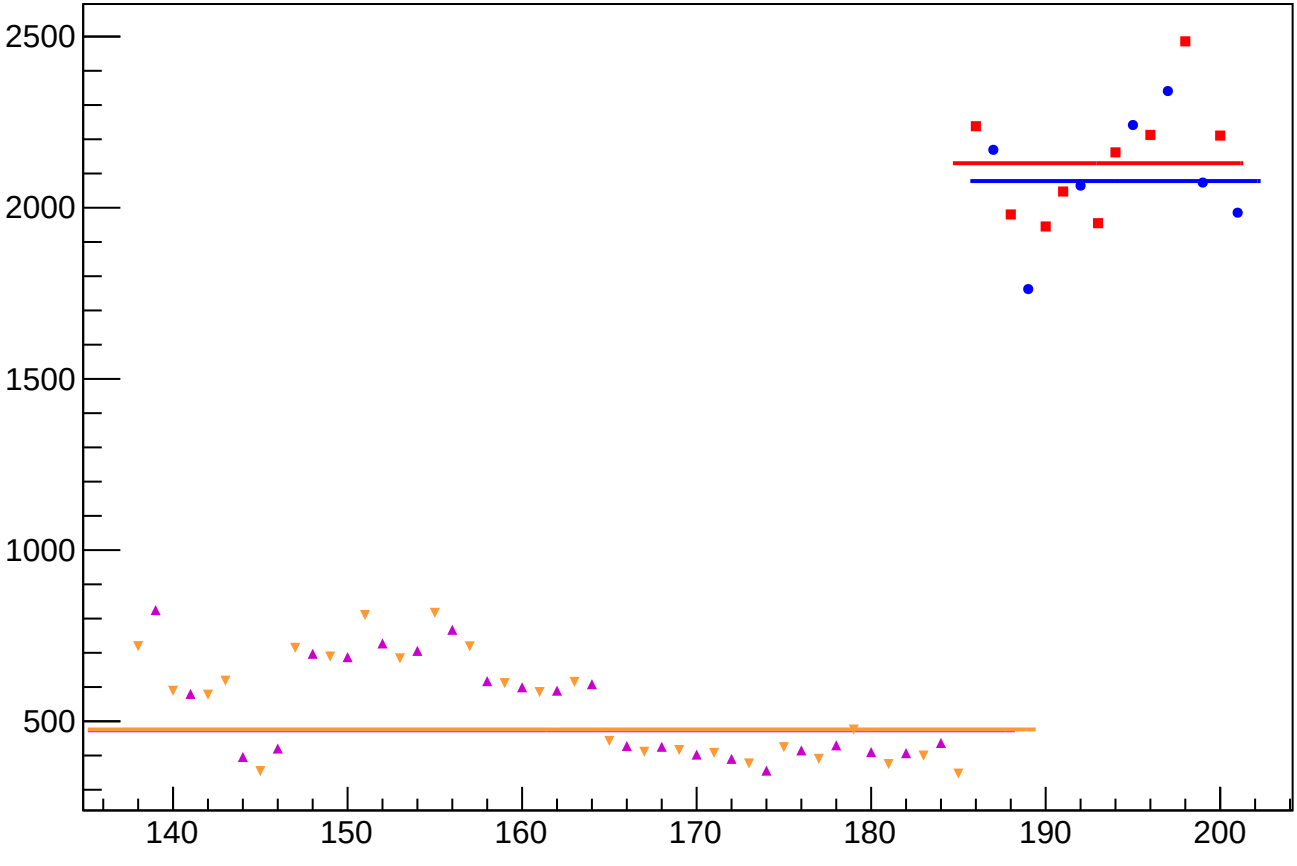
Right: -425.004+/-664.939 χ^2/NDF: 13.7/15

In: 90.155+/-116.145 χ^2/NDF:34.0/29

Out: 456.380+/-114.553 χ^2/NDF:68.6/33

All: 275.795+/-81.558 χ^2/NDF: 107.7/63

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 2077.919+/-0.711 χ^2/NDF: 62570.8/6

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2130.033+/-0.627 χ^2/NDF: 67723.0/8

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

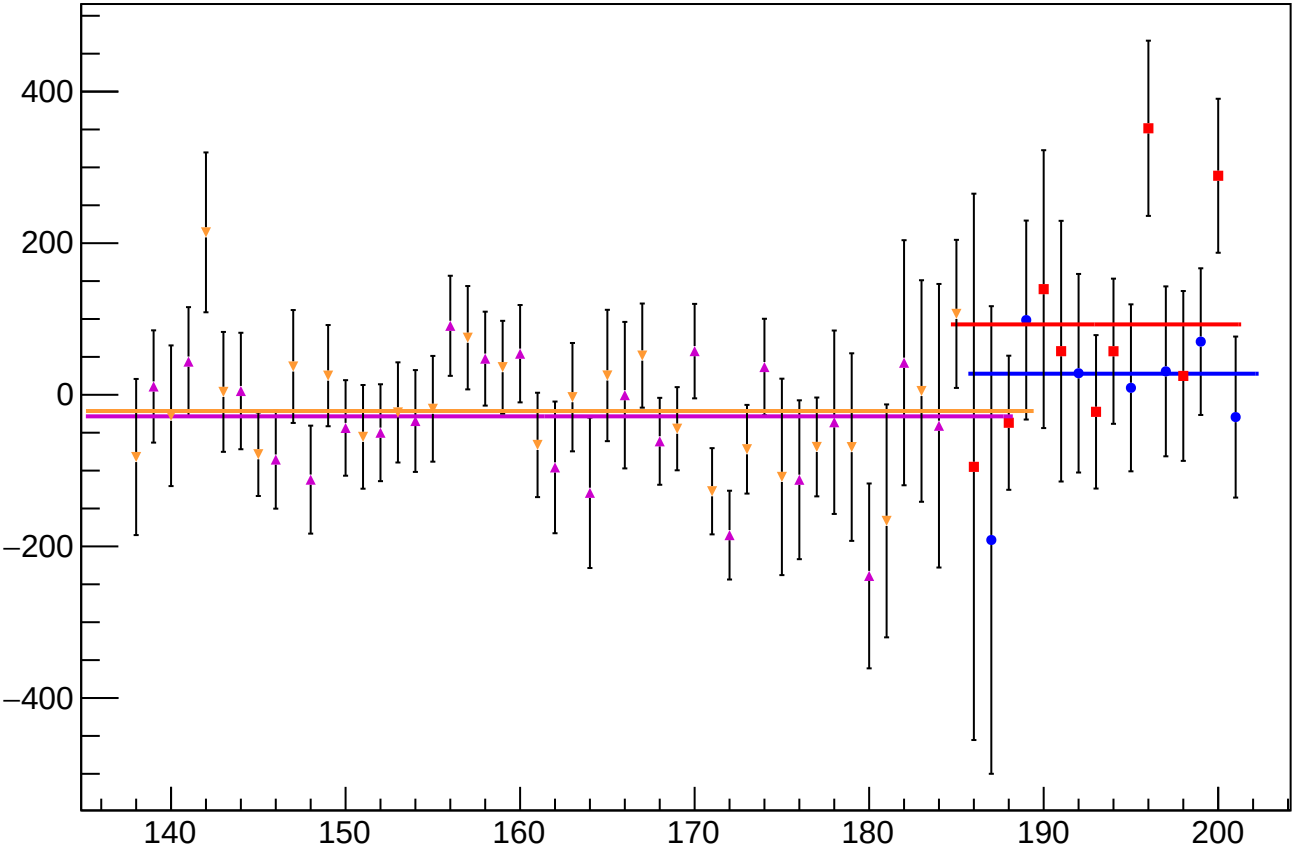
Right: 2107.246+/-0.470 χ^2/NDF: 133316.6/15

In: 495.223+/-0.082 χ^2/NDF:7197705.7/29

Out: 503.681+/-0.081 χ^2/NDF:9376980.3/33

All: 499.510+/-0.058 χ^2/NDF: 16580063.0/63

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 27.824+/-45.437 χ^2/NDF: 1.3/6

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: 92.866+/-39.008 χ^2/NDF: 13.1/8

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

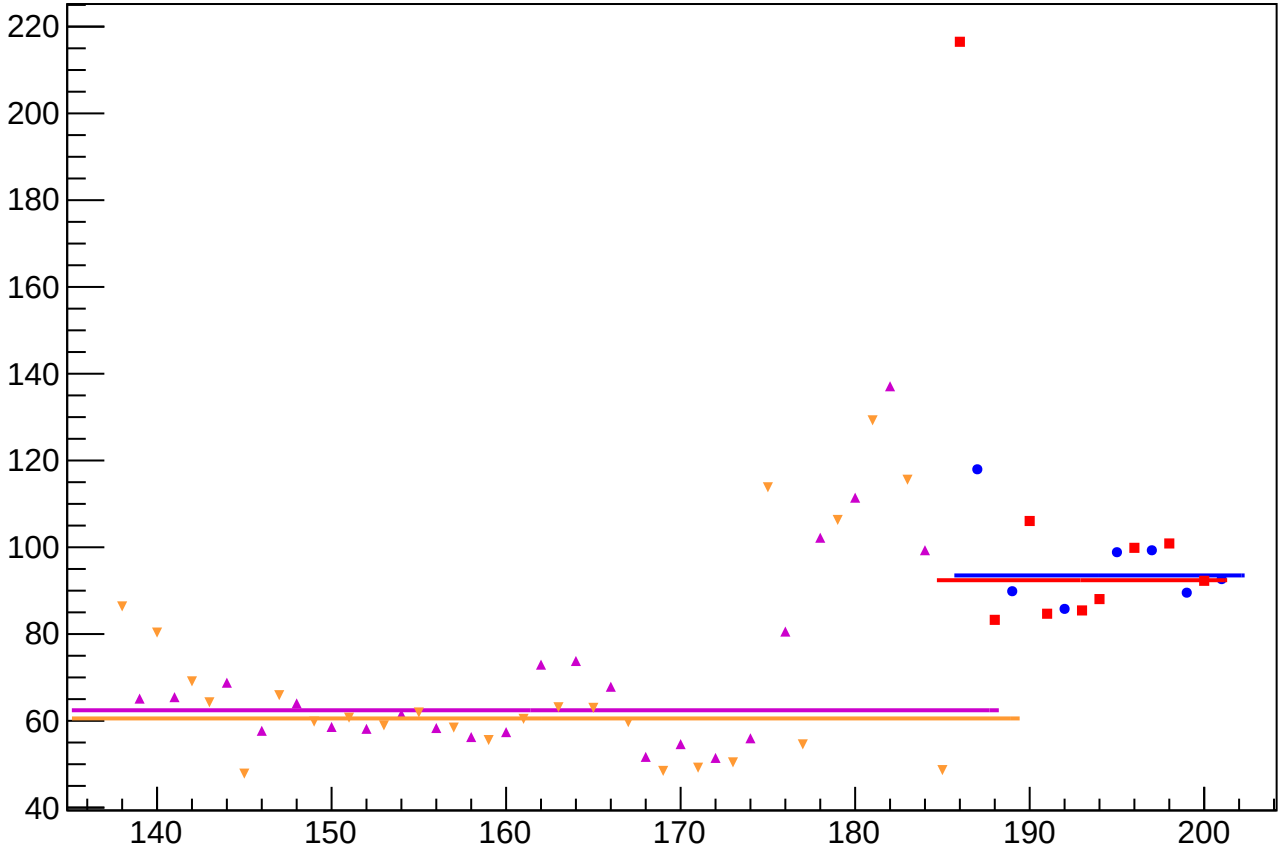
Right: 65.269+/-29.597 χ^2/NDF: 15.6/15

In: -22.575+/-14.664 χ^2/NDF:28.9/29

Out: -7.019+/-13.837 χ^2/NDF:41.4/33

All: -14.346+/-10.064 χ^2/NDF: 70.9/63

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 93.509+/-0.032 χ^2/NDF: 34626.1/6

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 92.408+/-0.028 χ^2/NDF: 307020.4/8

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

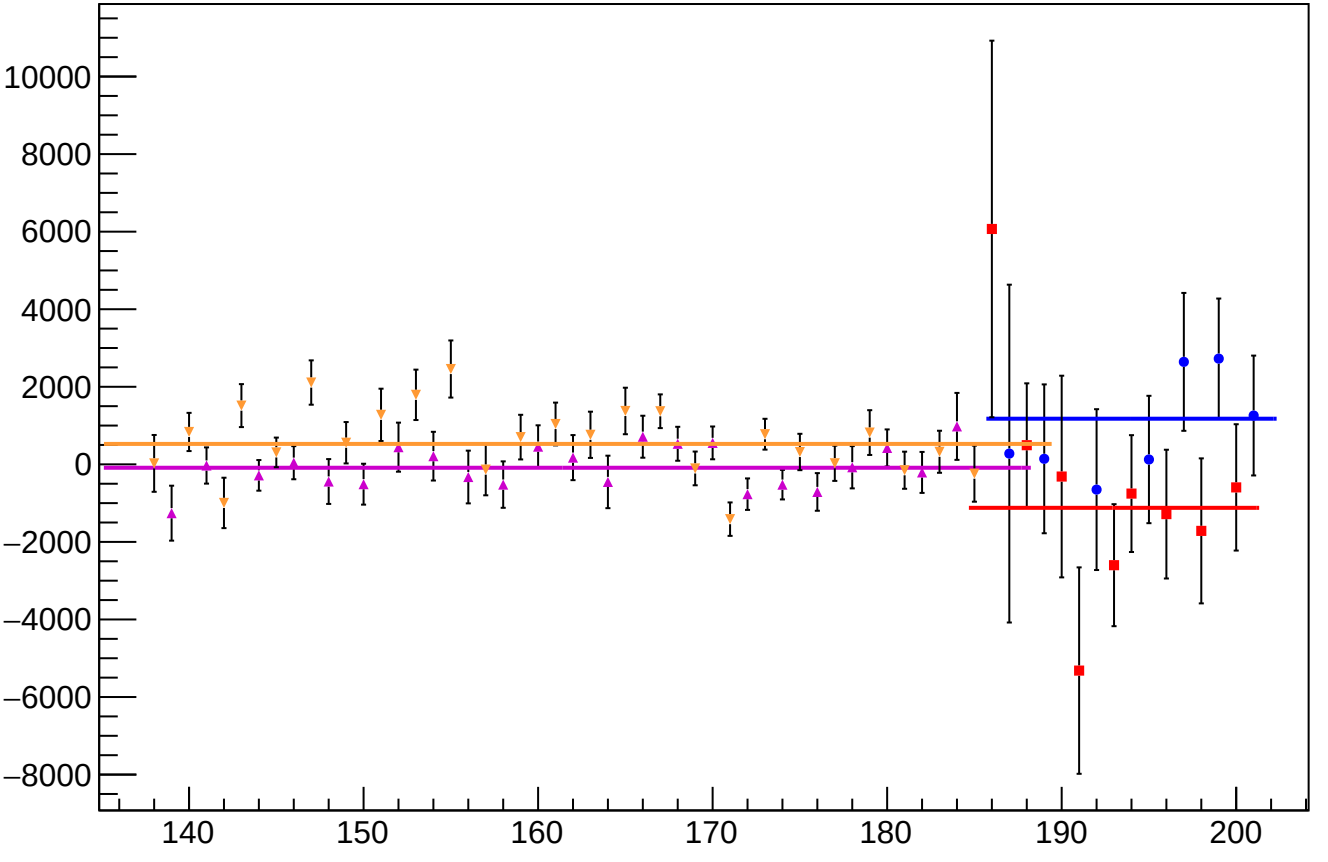
Right: 92.875+/-0.021 χ^2/NDF: 342323.1/15

In: 65.671+/-0.010 χ^2/NDF:2318401.8/29

Out: 64.559+/-0.010 χ^2/NDF:3424803.8/33

All: 65.083+/-0.007 χ^2/NDF: 5749288.3/63

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 1176.819+/-693.496 χ^2/NDF: 3.2/6

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -1121.155+/-620.766 χ^2/NDF: 7.0/8

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

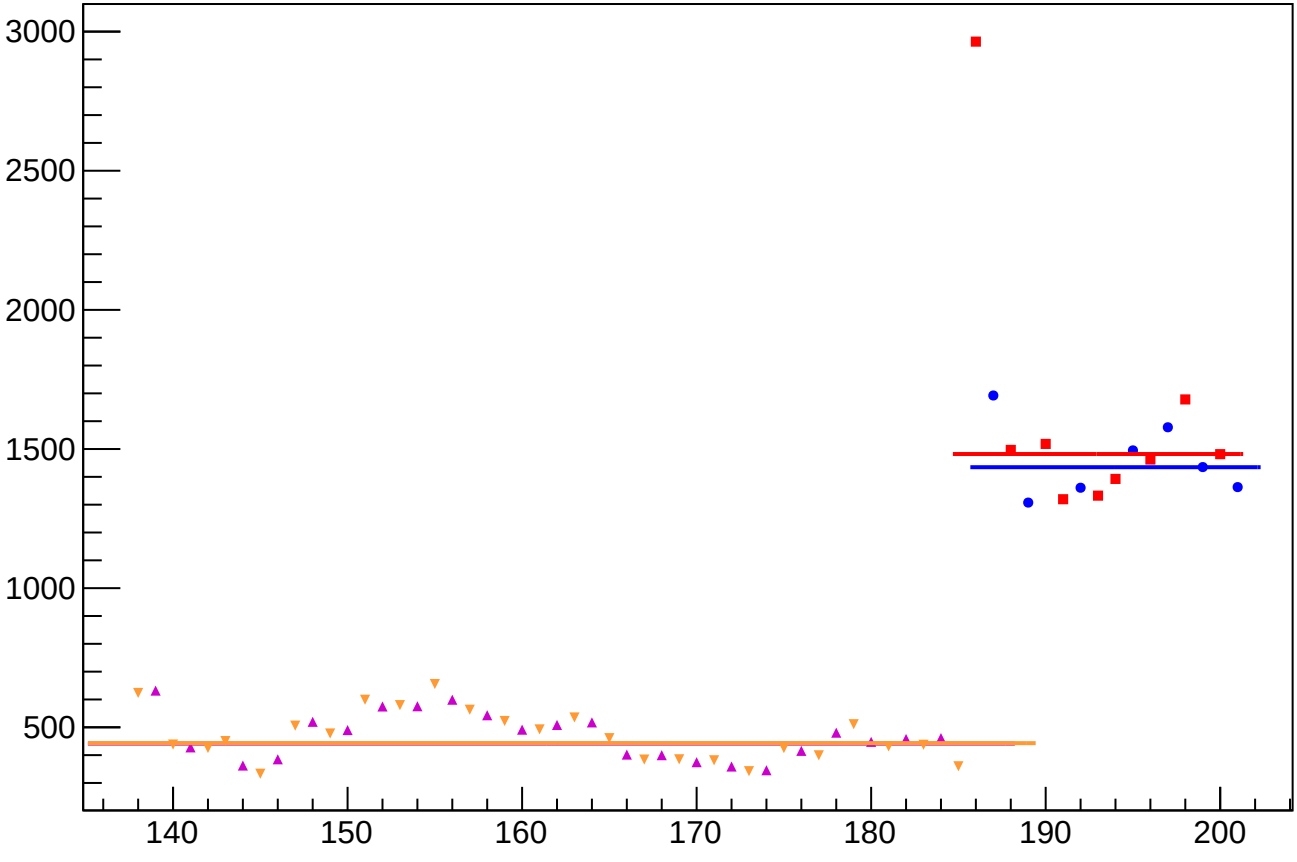
Right: -98.946+/-462.531 χ^2/NDF: 16.3/15

In: -58.664+/-105.597 χ^2/NDF:28.6/29

Out: 480.519+/-103.927 χ^2/NDF:78.8/33

All: 215.225+/-74.071 χ^2/NDF: 120.6/63

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1434.643+/-0.490 χ^2/NDF: 38326.8/6

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1482.040+/-0.439 χ^2/NDF: 241750.6/8

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

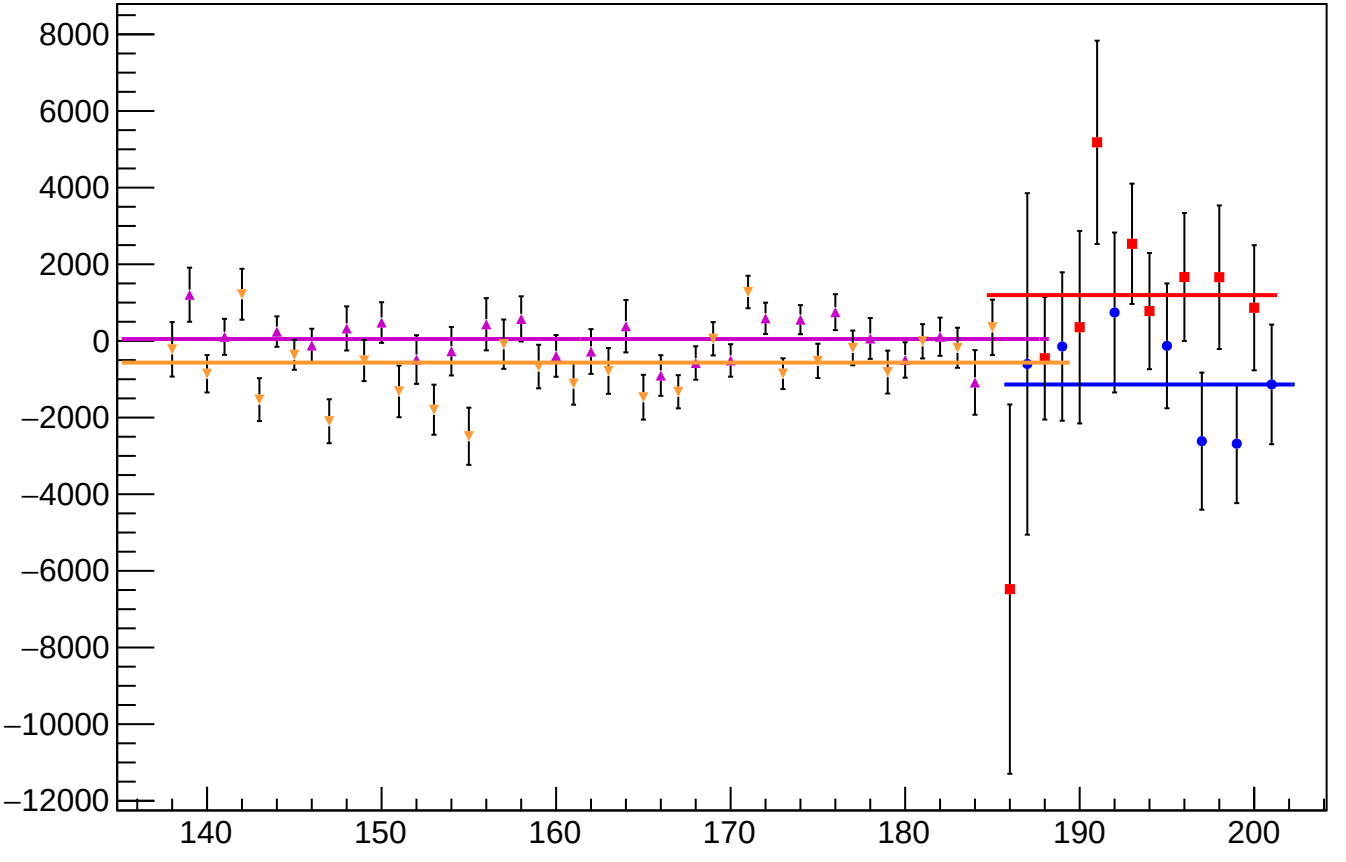
Right: 1460.956+/-0.327 χ^2/NDF: 285263.9/15

In: 464.389+/-0.075 χ^2/NDF:5081921.3/29

Out: 472.153+/-0.073 χ^2/NDF:6859256.2/33

All: 468.333+/-0.052 χ^2/NDF: 11946670.1/63

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -1136.839+/-696.369 χ^2/NDF: 3.1/6

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 1195.054+/-620.943 χ^2/NDF: 7.0/8

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

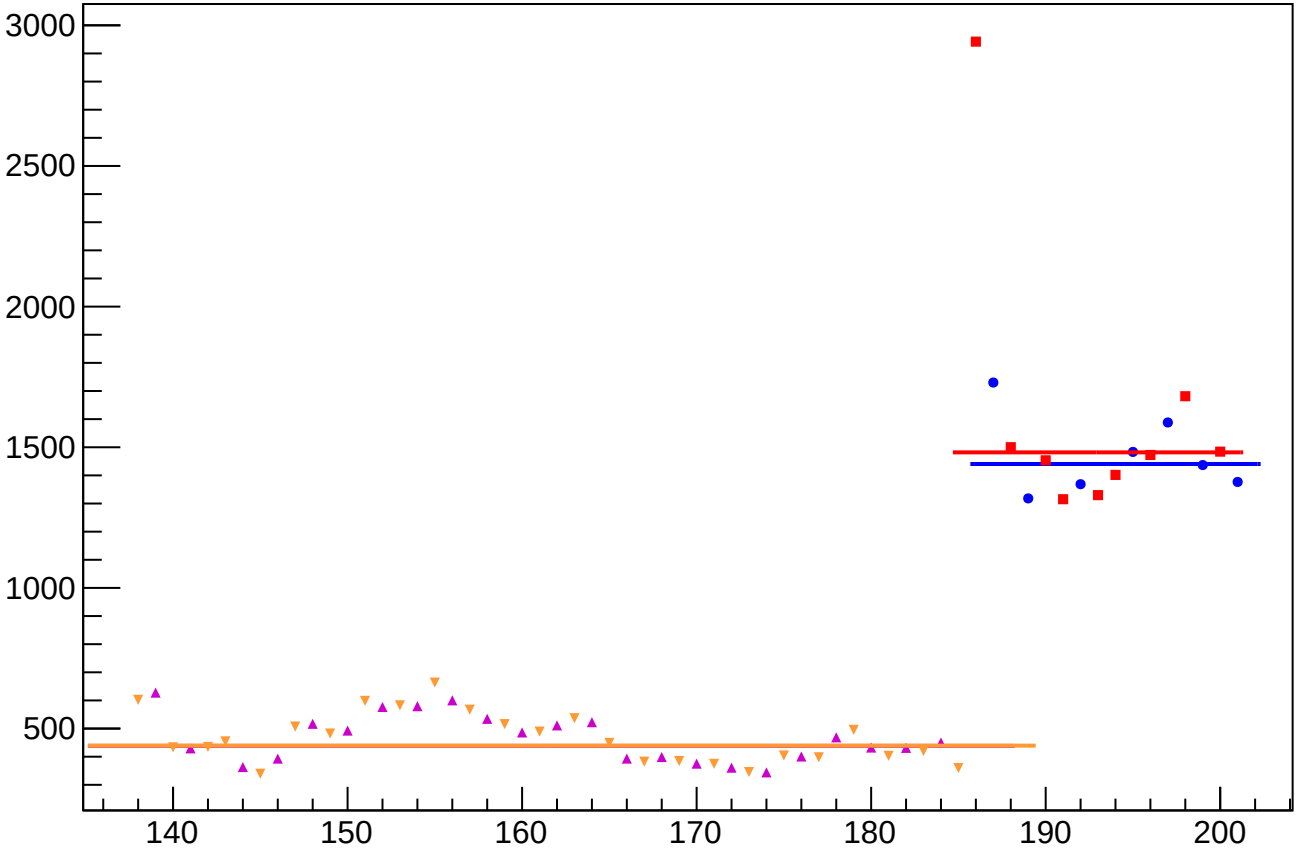
Right: 162.191+/-463.454 χ^2/NDF: 16.3/15

In: 23.394+/-105.004 χ^2/NDF:29.2/29

Out: -517.089+/-103.013 χ^2/NDF:77.7/33

All: -252.020+/-73.535 χ^2/NDF: 120.5/63

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1440.514+/-0.492 χ^2/NDF: 37139.8/6

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1481.876+/-0.439 χ^2/NDF: 239156.0/8

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

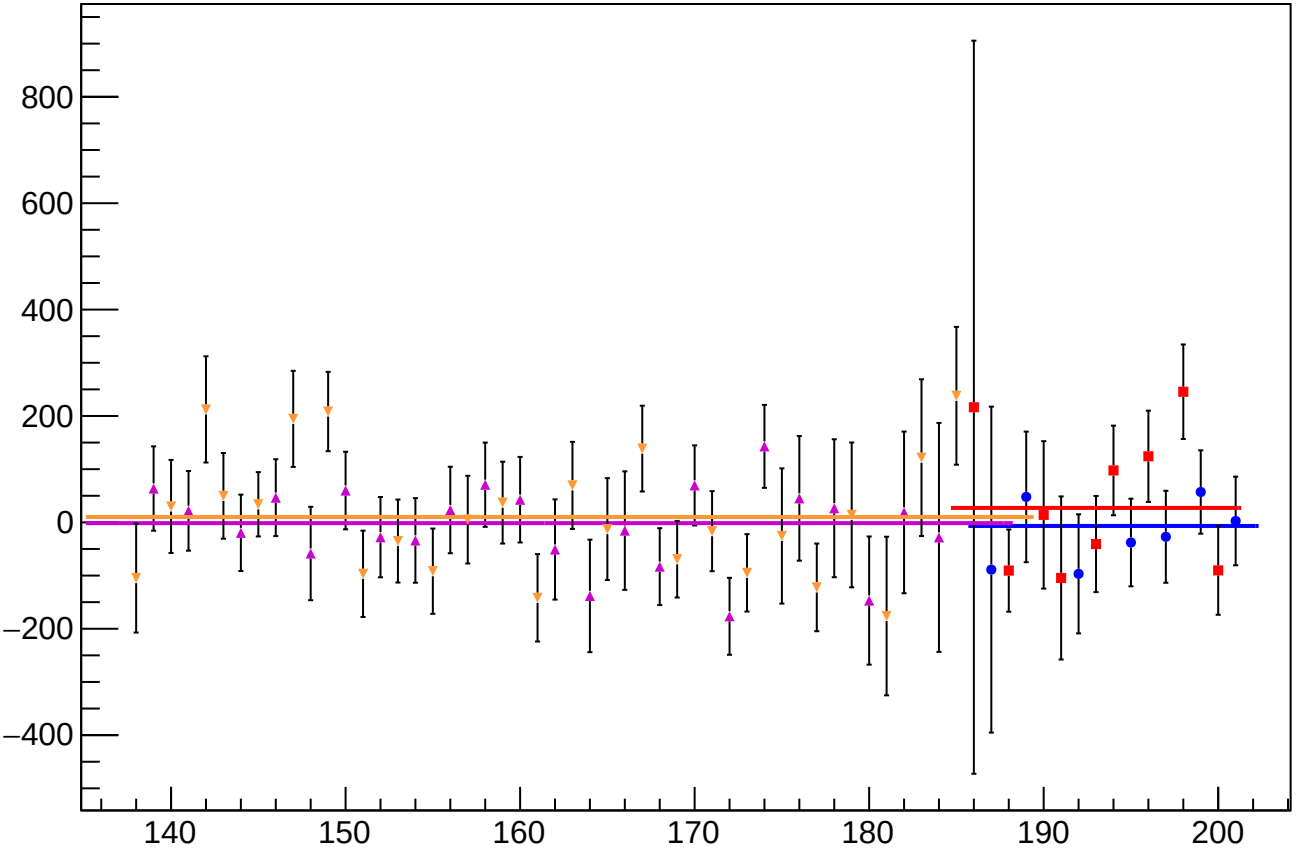
Right: 1463.556+/-0.328 χ^2/NDF: 280226.4/15

In: 461.150+/-0.074 χ^2/NDF:5109680.6/29

Out: 468.007+/-0.073 χ^2/NDF:6886092.9/33

All: 464.644+/-0.052 χ^2/NDF: 12000119.6/63

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -6.723+/-36.632 χ^2/NDF: 1.8/6

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: 27.200+/-32.733 χ^2/NDF: 13.7/8

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

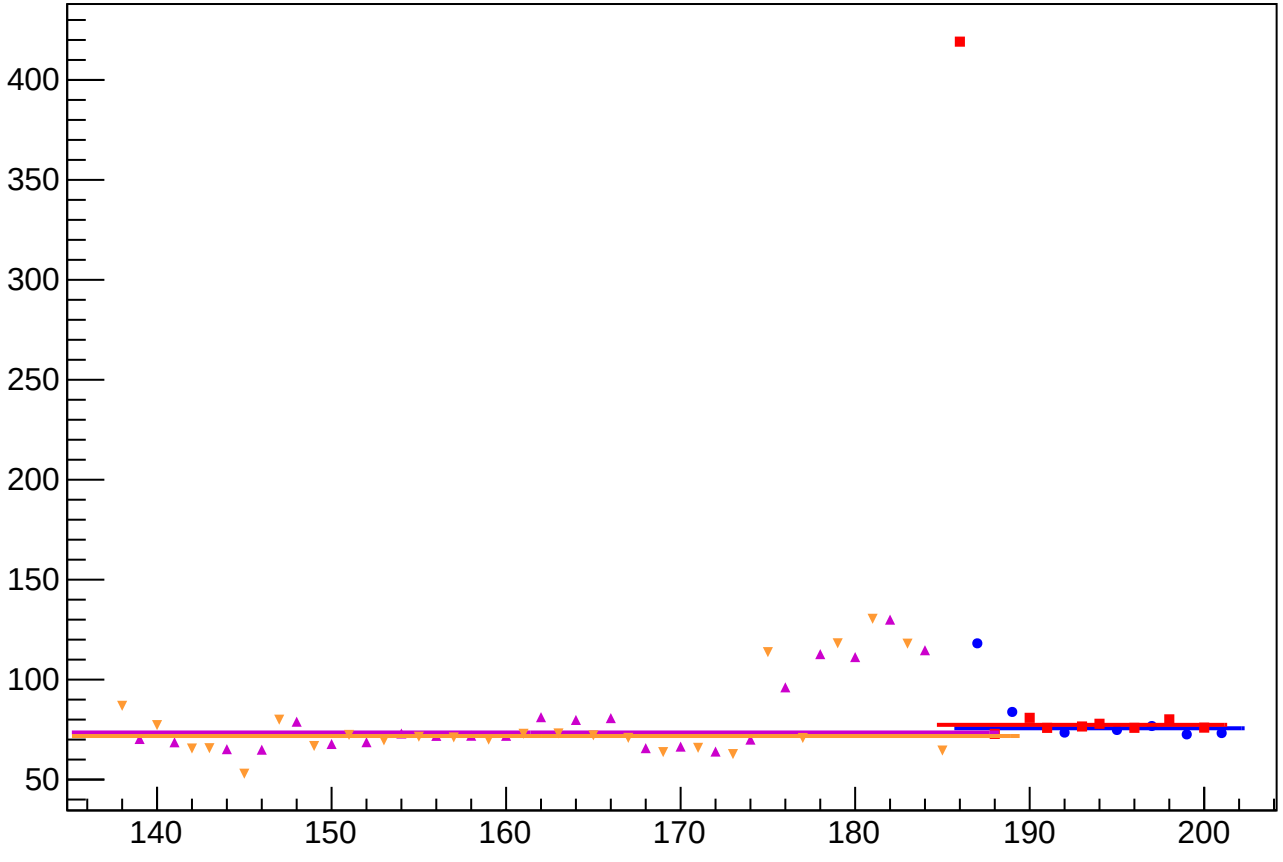
Right: 12.140+/-24.409 χ^2/NDF: 16.0/15

In: -2.456+/-16.101 χ^2/NDF:20.8/29

Out: 13.785+/-15.231 χ^2/NDF:52.6/33

All: 6.115+/-11.065 χ^2/NDF: 74.0/63

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 75.655+/-0.026 χ^2/NDF: 53410.8/6

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.376+/-0.023 χ^2/NDF: 503672.1/8

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

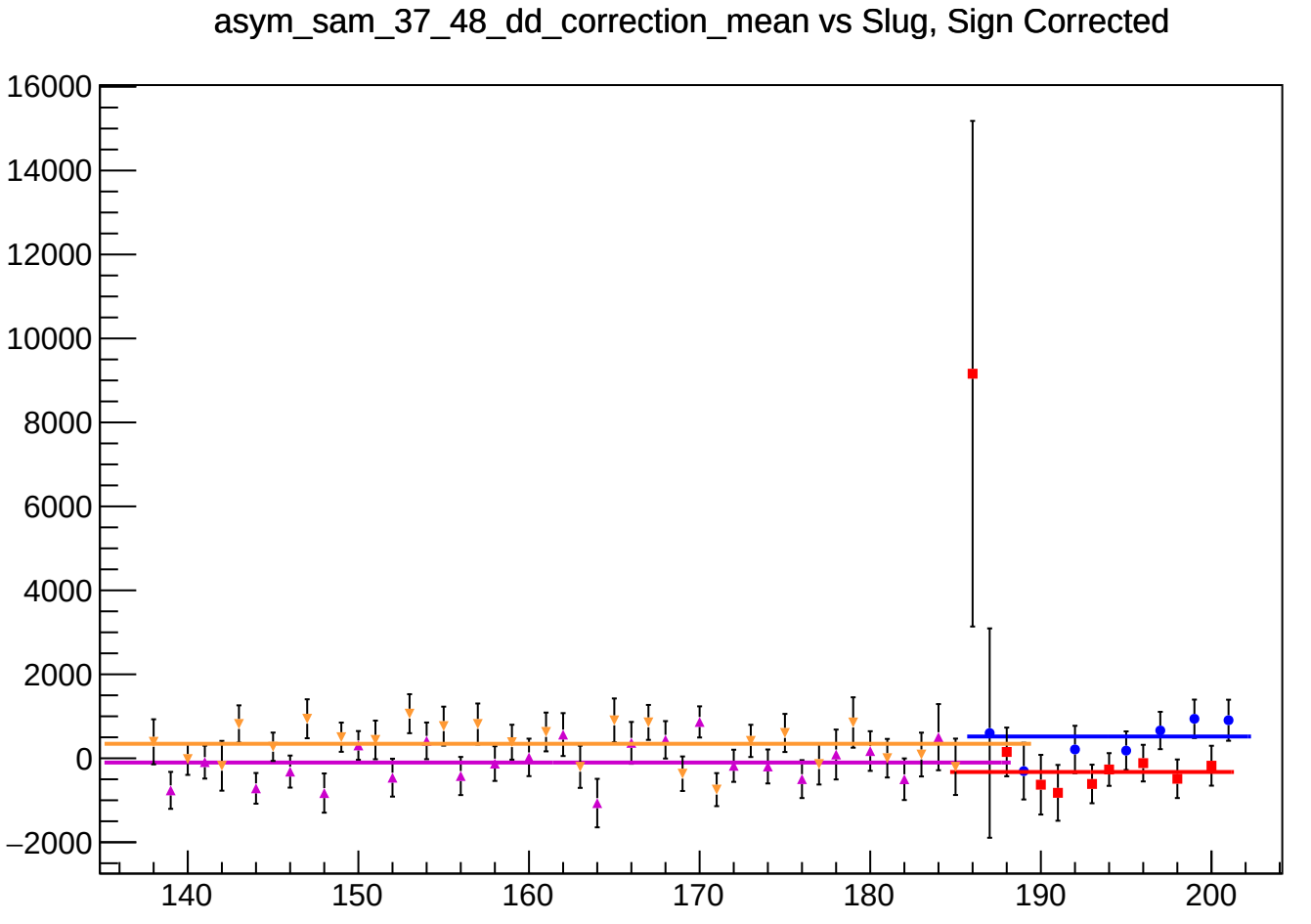
Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

Right: 76.612+/-0.017 χ^2/NDF: 559537.0/15

In: 73.963+/-0.011 χ^2/NDF:1068052.4/29

Out: 72.995+/-0.011 χ^2/NDF:1875119.7/33

All: 73.453+/-0.008 χ^2/NDF: 2946987.5/63



Right In: 518.835+/-203.012 χ^2/NDF: 3.9/6

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -326.356+/-174.095 χ^2/NDF: 4.8/8

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

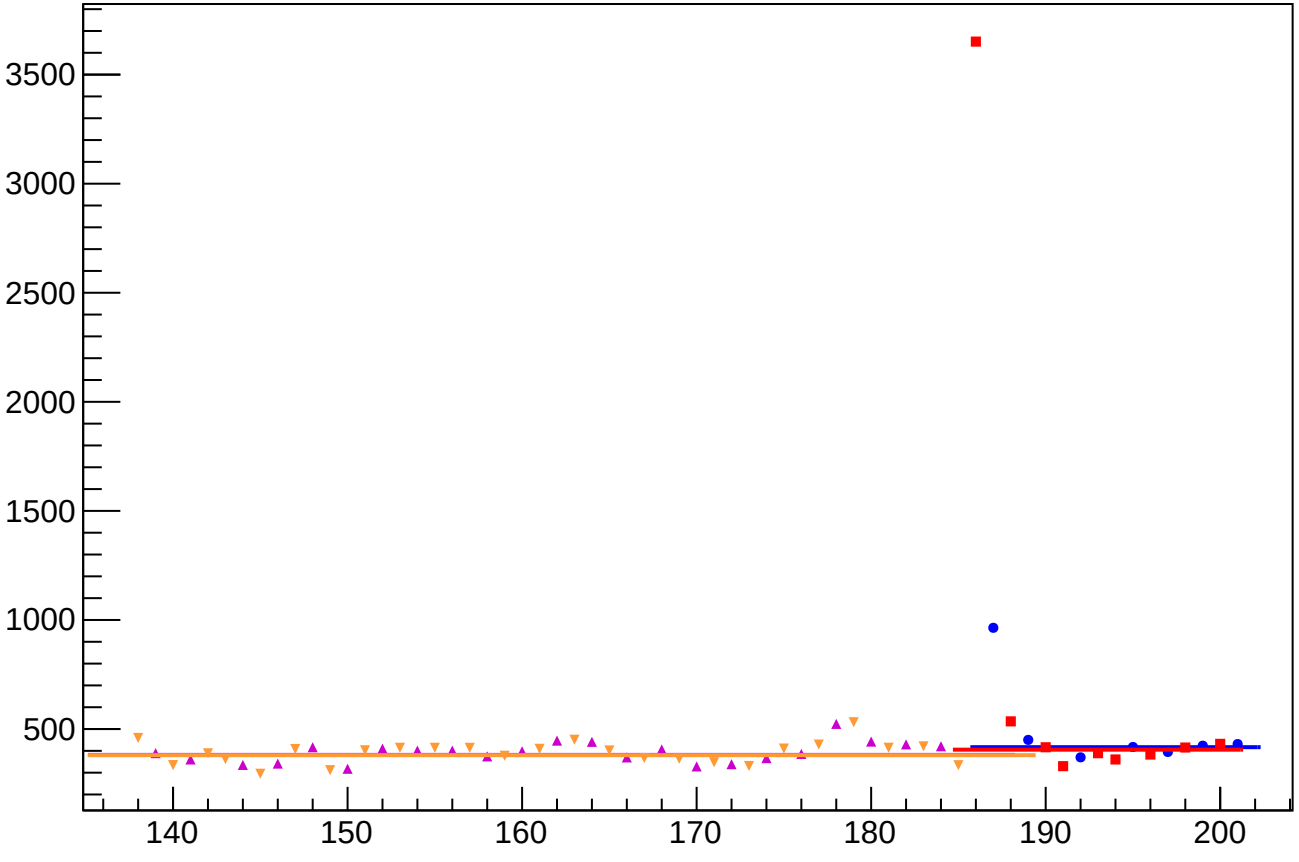
Right: 31.808+/-132.156 χ^2/NDF: 18.7/15

In: 3.439+/-83.547 χ^2/NDF:39.7/29

Out: 204.059+/-79.849 χ^2/NDF:43.9/33

All: 108.288+/-57.725 χ^2/NDF: 86.6/63

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 416.852+/-0.144 χ^2/NDF: 121841.7/6

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 405.452+/-0.123 χ^2/NDF: 749145.9/8

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

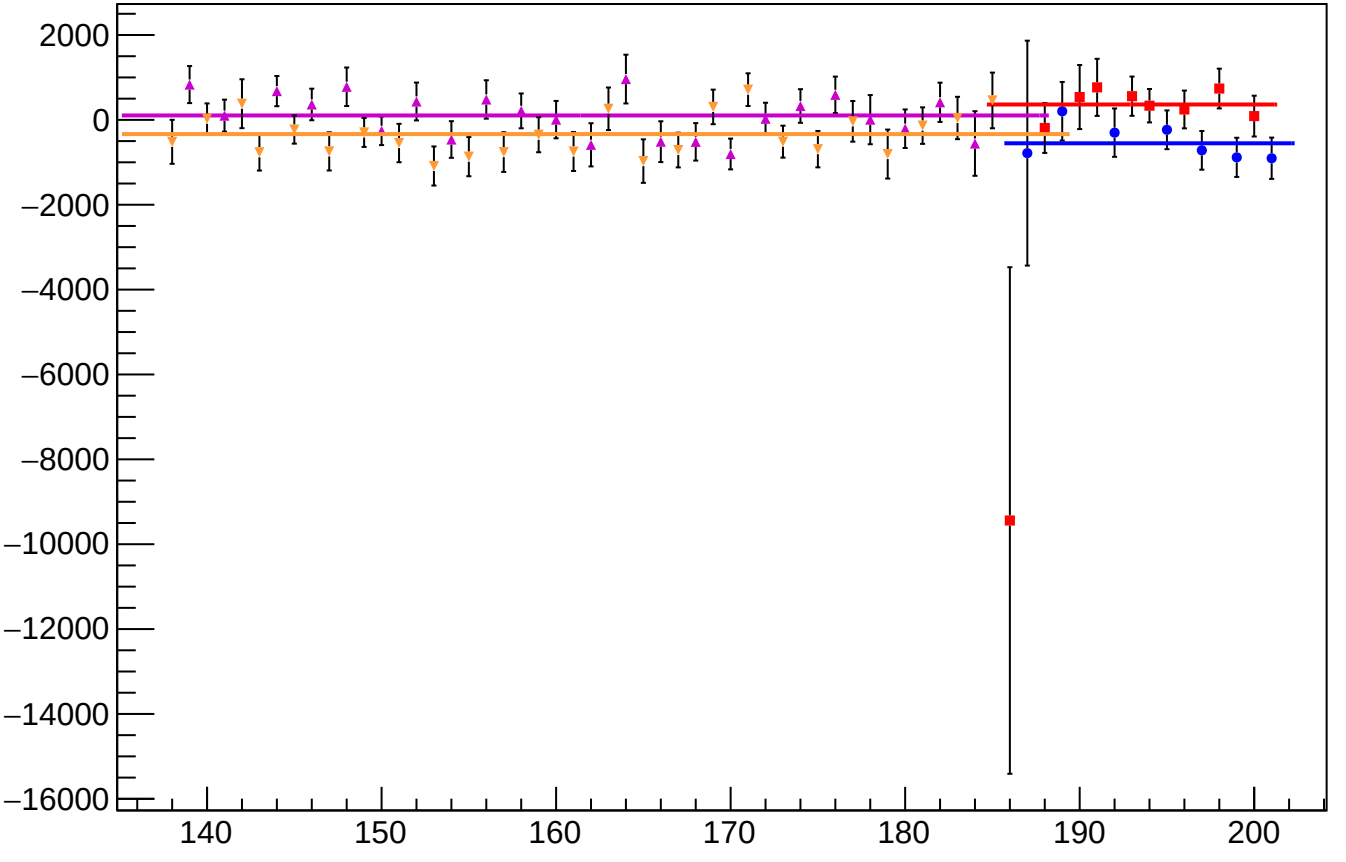
Right: 410.283+/-0.093 χ^2/NDF: 874622.2/15

In: 387.466+/-0.059 χ^2/NDF:633314.4/29

Out: 385.517+/-0.056 χ^2/NDF:1398975.2/33

All: 386.447+/-0.041 χ^2/NDF: 2032858.5/63

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -551.878+/-204.851 χ^2/NDF: 3.1/6

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 362.305+/-176.948 χ^2/NDF: 5.2/8

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

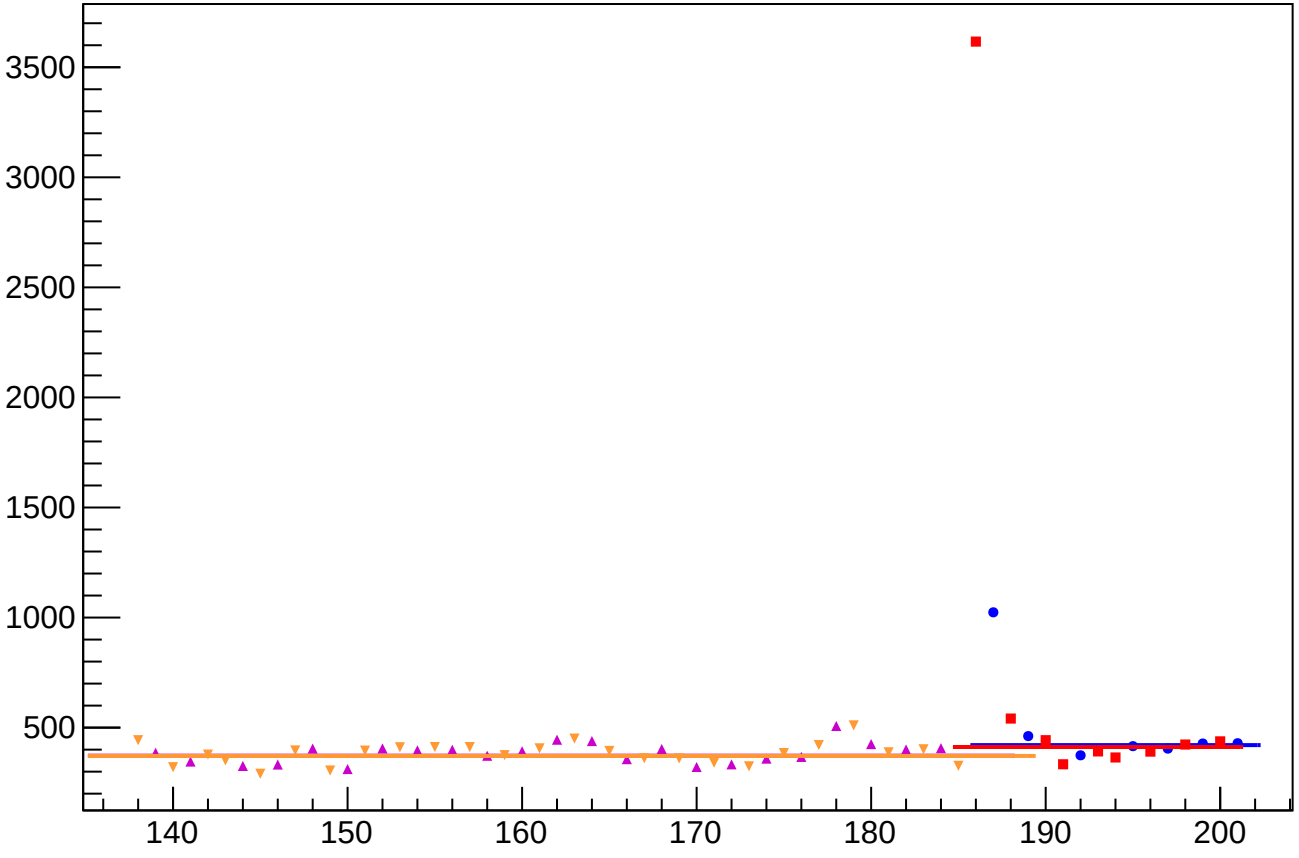
Right: -28.331+/-133.909 χ^2/NDF: 19.7/15

In: -1.254+/-82.101 χ^2/NDF:41.3/29

Out: -197.669+/-78.583 χ^2/NDF:46.0/33

All: -103.760+/-56.769 χ^2/NDF: 90.3/63

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 420.539+/-0.145 χ^2/NDF: 127664.6/6

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 411.977+/-0.125 χ^2/NDF: 747885.8/8

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

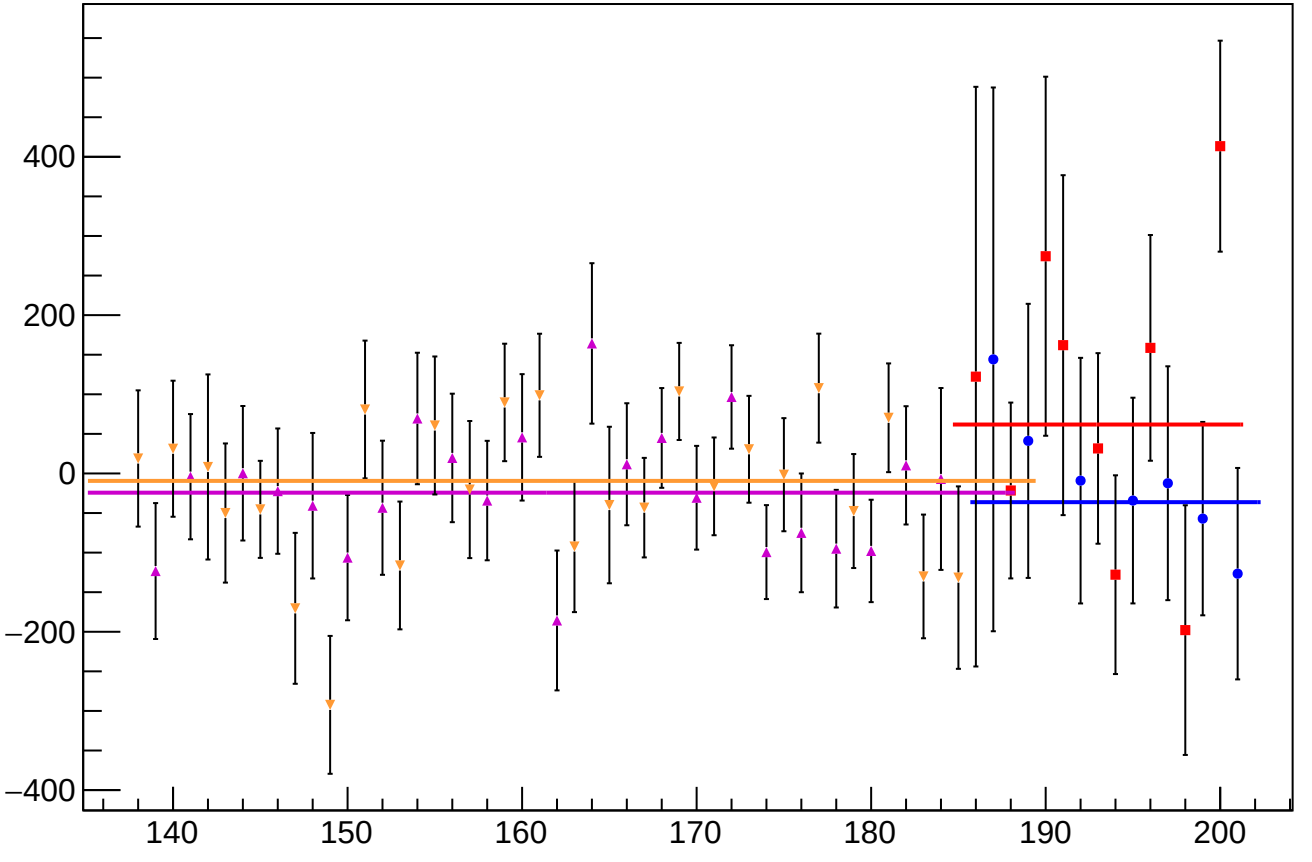
Right: 415.636+/-0.095 χ^2/NDF: 877550.9/15

In: 380.279+/-0.058 χ^2/NDF:684096.2/29

Out: 379.383+/-0.056 χ^2/NDF:1436542.4/33

All: 379.811+/-0.040 χ^2/NDF: 2120762.8/63

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -36.271+/-56.656 χ^2/NDF: 1.0/6

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 61.810+/-49.518 χ^2/NDF: 14.2/8

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

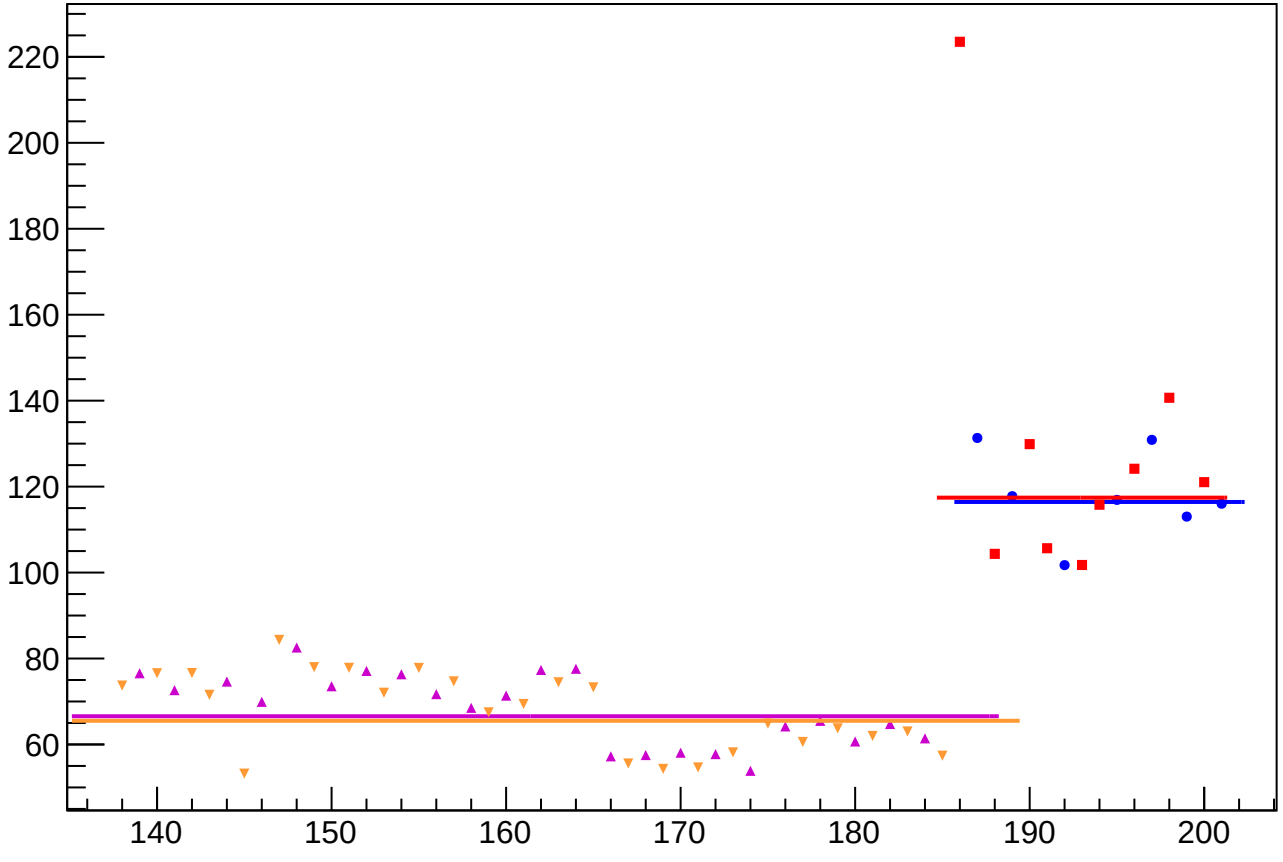
Right: 19.333+/-37.284 χ^2/NDF: 16.9/15

In: -25.182+/-15.428 χ^2/NDF:22.2/29

Out: -3.065+/-14.767 χ^2/NDF:50.8/33

All: -13.640+/-10.668 χ^2/NDF: 74.0/63

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 116.429+/-0.040 χ^2/NDF: 42586.2/6

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 117.433+/-0.035 χ^2/NDF: 291254.1/8

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

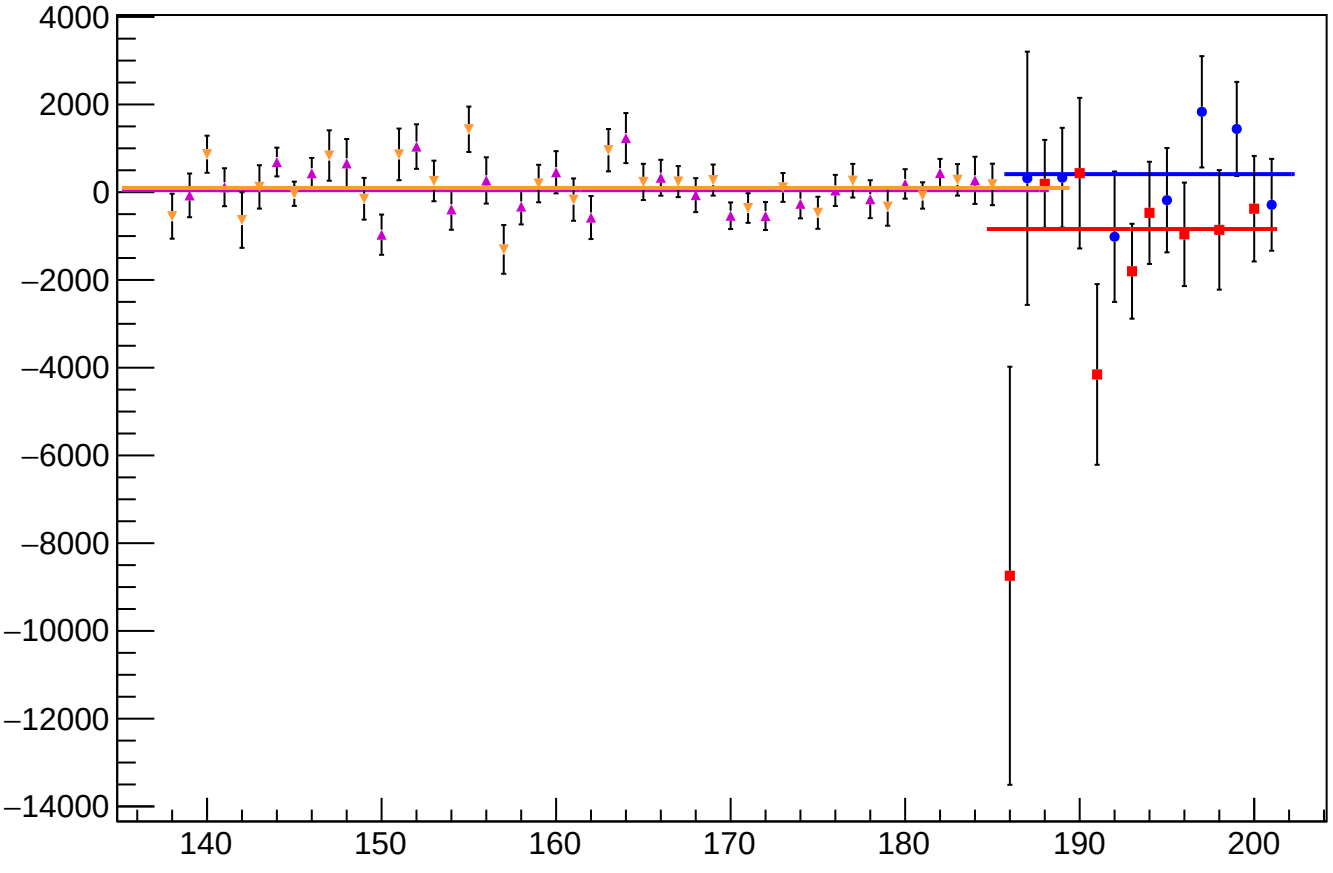
Right: 116.998+/-0.026 χ^2/NDF: 334196.2/15

In: 70.261+/-0.011 χ^2/NDF:1998315.0/29

Out: 70.129+/-0.010 χ^2/NDF:2961508.9/33

All: 70.192+/-0.008 χ^2/NDF: 4959900.2/63

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 411.930+/-473.705 χ^2/NDF: 3.8/6

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -839.447+/-440.362 χ^2/NDF: 8.0/8

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

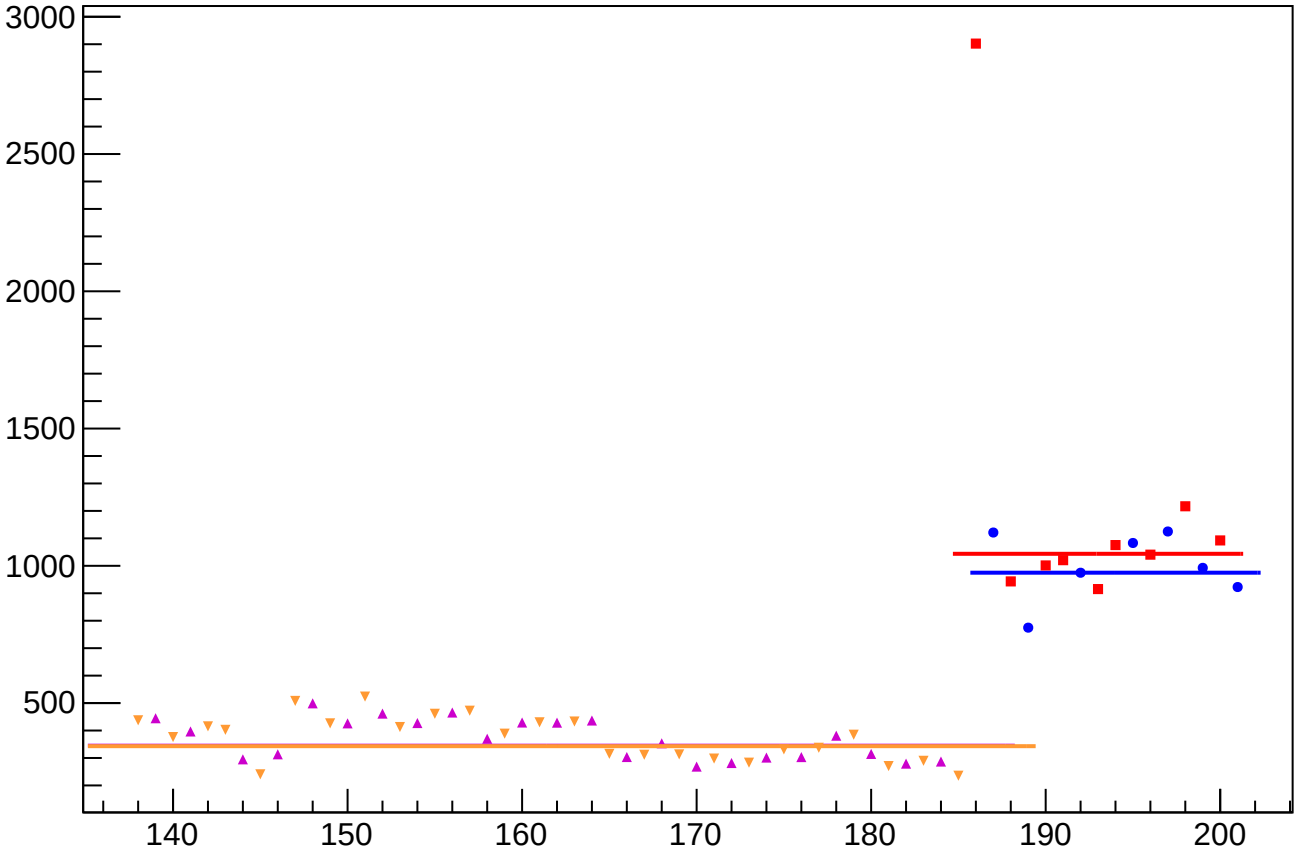
Right: -259.346+/-322.527 χ^2/NDF: 15.5/15

In: 57.759+/-82.574 χ^2/NDF:38.6/29

Out: 65.847+/-80.840 χ^2/NDF:45.7/33

All: 61.889+/-57.766 χ^2/NDF: 84.3/63

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 974.945+/-0.335 χ^2/NDF: 117300.5/6

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1043.762+/-0.311 χ^2/NDF: 391191.9/8

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

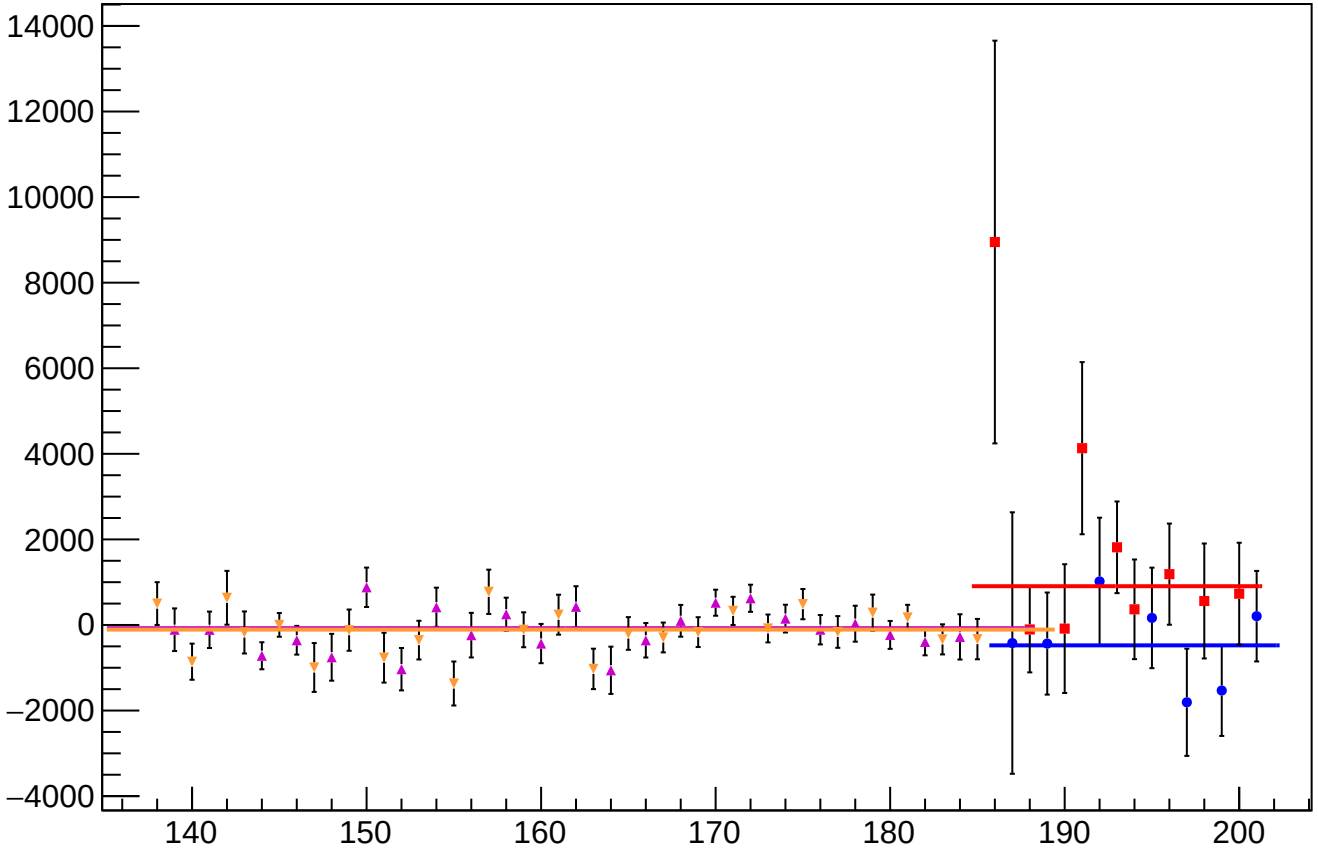
Right: 1011.860+/-0.228 χ^2/NDF: 531134.9/15

In: 363.965+/-0.058 χ^2/NDF:4813218.6/29

Out: 366.611+/-0.057 χ^2/NDF:6950371.2/33

All: 365.316+/-0.041 χ^2/NDF: 11764638.9/63

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -476.402+/-476.516 χ^2/NDF: 3.8/6

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 905.877+/-433.889 χ^2/NDF: 8.0/8

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

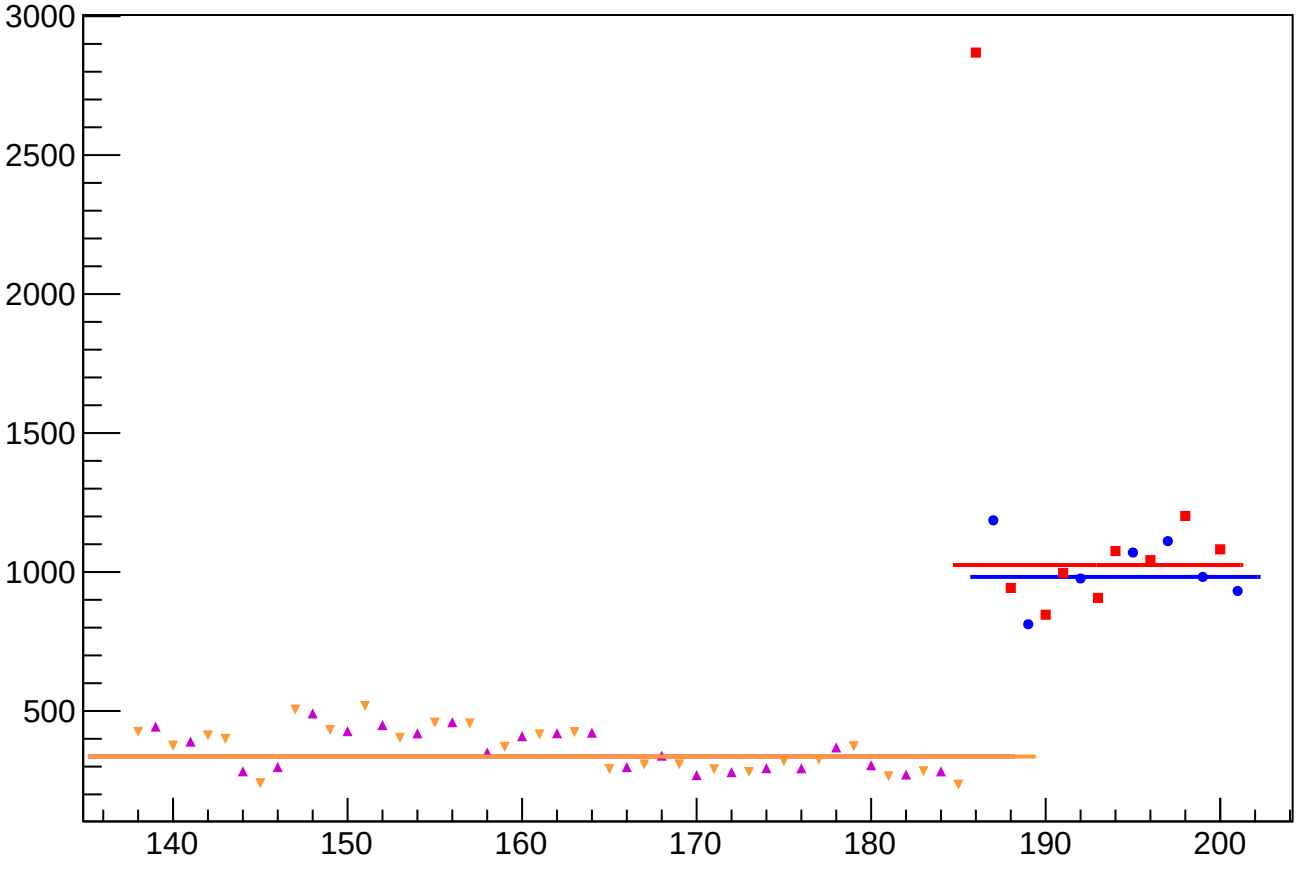
Right: 279.316+/-320.820 χ^2/NDF: 16.5/15

In: -86.517+/-80.764 χ^2/NDF:37.2/29

Out: -74.233+/-79.225 χ^2/NDF:44.2/33

All: -80.257+/-56.557 χ^2/NDF: 81.4/63

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 982.436+/-0.337 χ^2/NDF: 86519.9/6

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 1025.156+/-0.307 χ^2/NDF: 416613.5/8

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

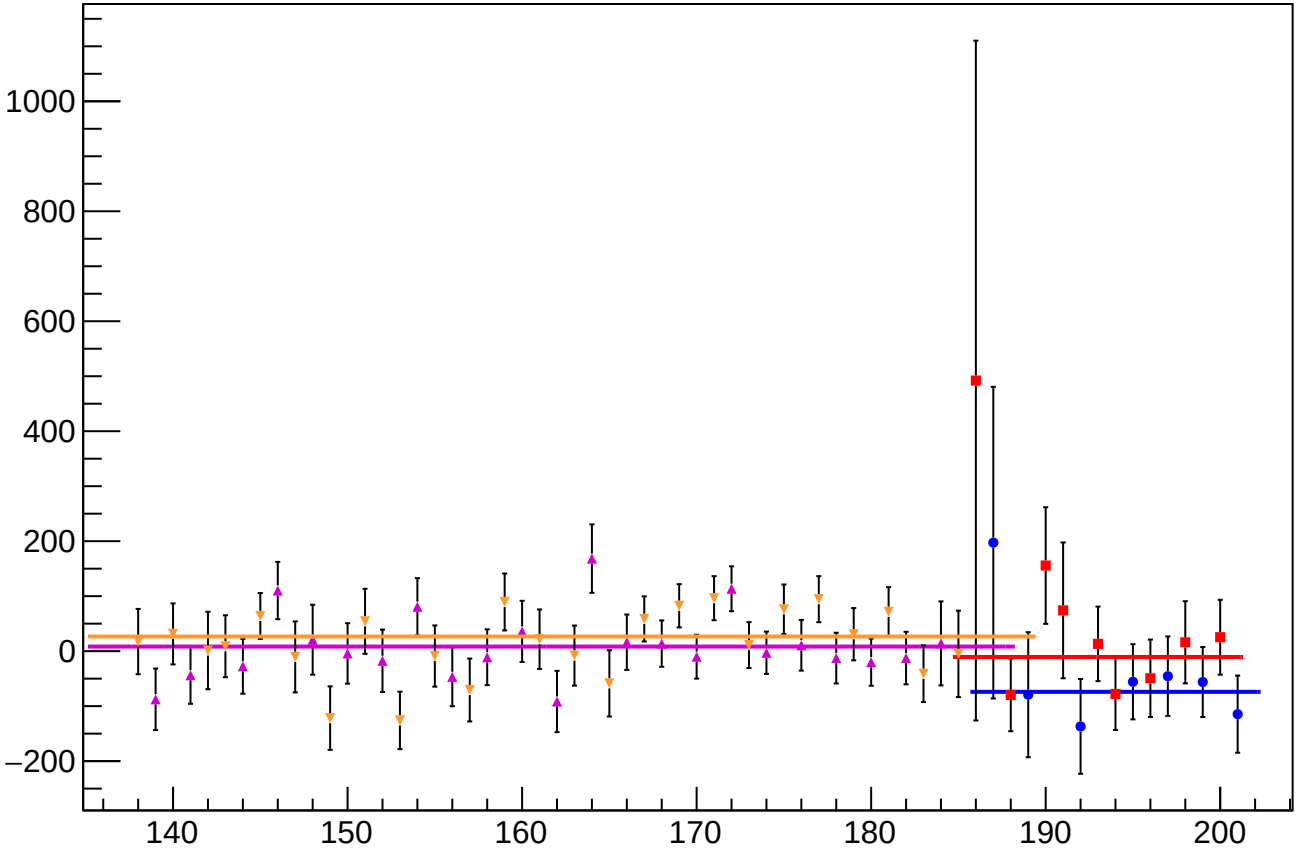
Right: 1005.792+/-0.227 χ^2/NDF: 511921.8/15

In: 354.954+/-0.057 χ^2/NDF:4926663.7/29

Out: 359.200+/-0.056 χ^2/NDF:6950356.0/33

All: 357.118+/-0.040 χ^2/NDF: 11879836.2/63

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.979+/-30.437 χ^2/NDF: 2.1/6

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: -10.592+/-26.409 χ^2/NDF: 6.6/8

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

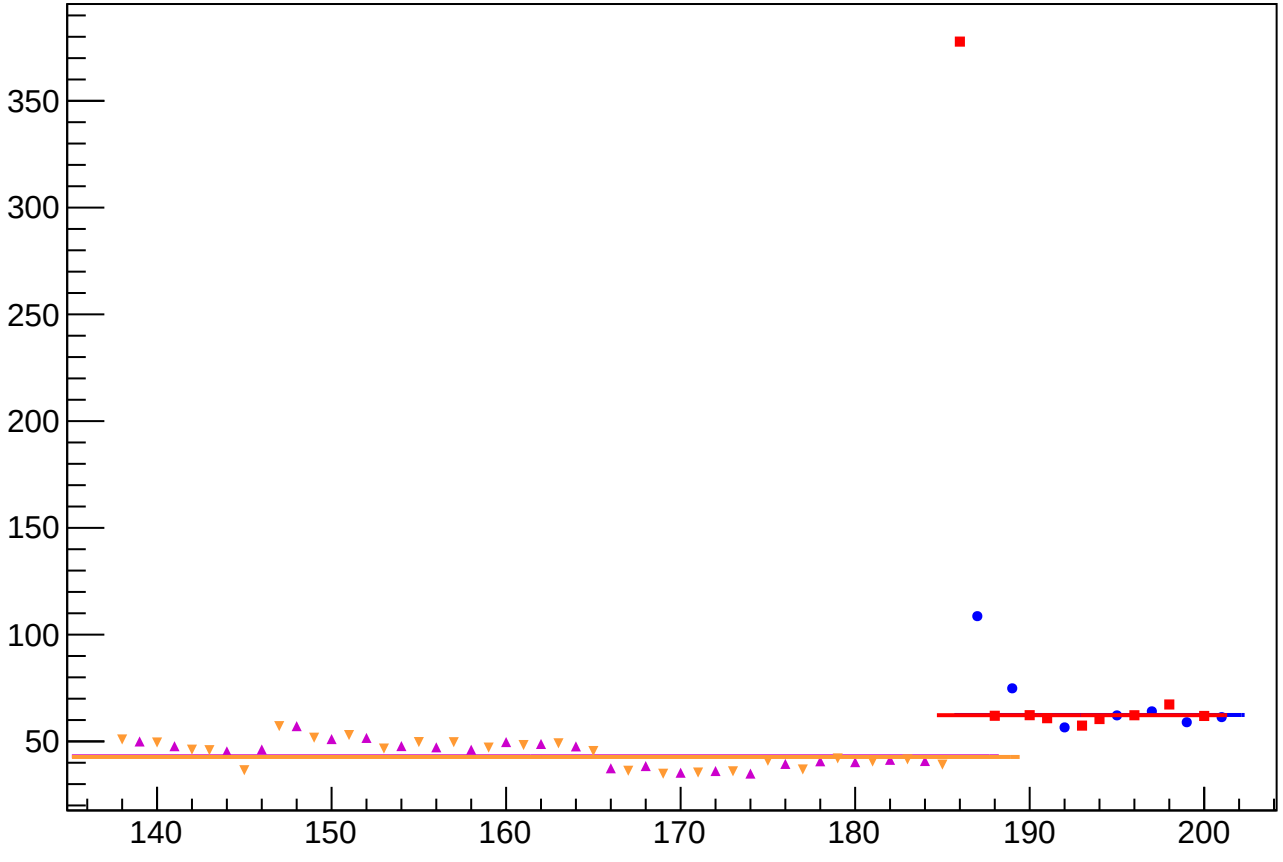
Right: -37.816+/-19.947 χ^2/NDF: 11.1/15

In: -0.221+/-9.808 χ^2/NDF:38.3/29

Out: 21.891+/-9.426 χ^2/NDF:44.8/33

All: 11.274+/-6.796 χ^2/NDF: 85.7/63

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 62.373+/-0.022 χ^2/NDF: 93848.8/6

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 62.276+/-0.019 χ^2/NDF: 542157.8/8

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

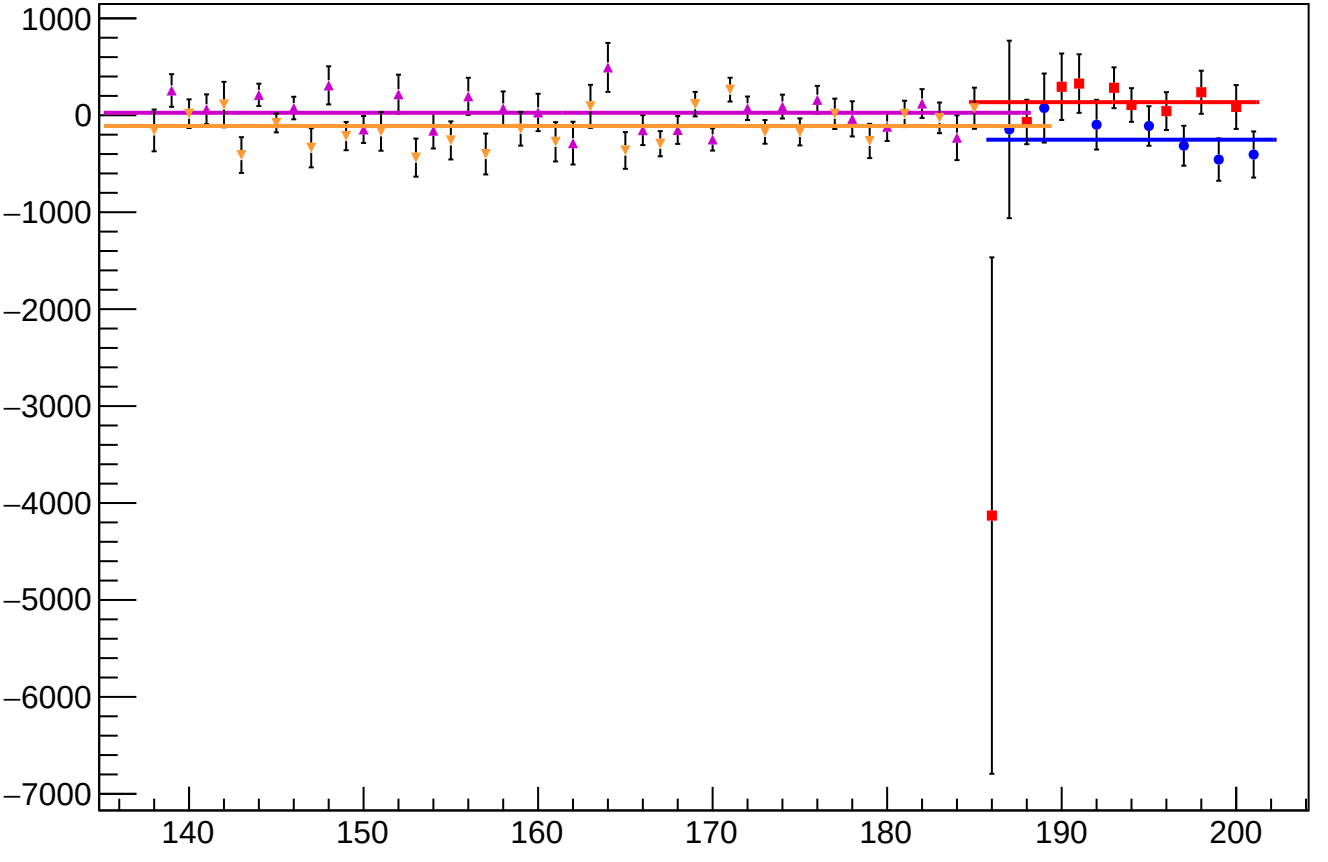
Right: 62.318+/-0.014 χ^2/NDF: 636018.2/15

In: 45.031+/-0.007 χ^2/NDF:1460954.2/29

Out: 45.208+/-0.007 χ^2/NDF:2271124.3/33

All: 45.123+/-0.005 χ^2/NDF: 3732416.3/63

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -251.842+/-95.125 χ^2/NDF: 3.1/6

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 135.400+/-78.953 χ^2/NDF: 5.0/8

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

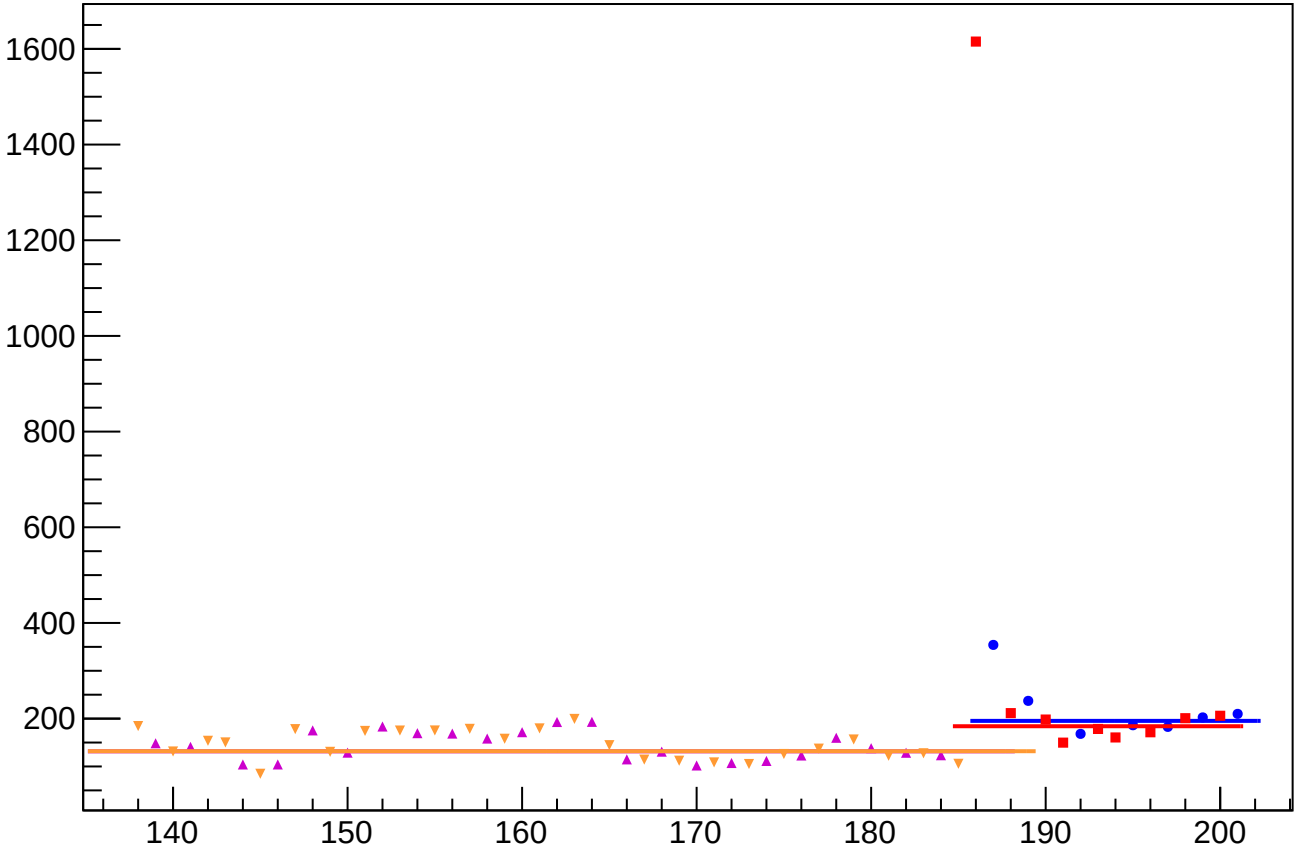
Right: -22.554+/-60.753 χ^2/NDF: 17.9/15

In: -2.559+/-30.415 χ^2/NDF:39.8/29

Out: -76.193+/-29.431 χ^2/NDF:46.3/33

All: -40.586+/-21.150 χ^2/NDF: 89.1/63

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 195.296+/-0.067 χ^2/NDF: 131494.5/6

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 184.080+/-0.056 χ^2/NDF: 711569.4/8

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

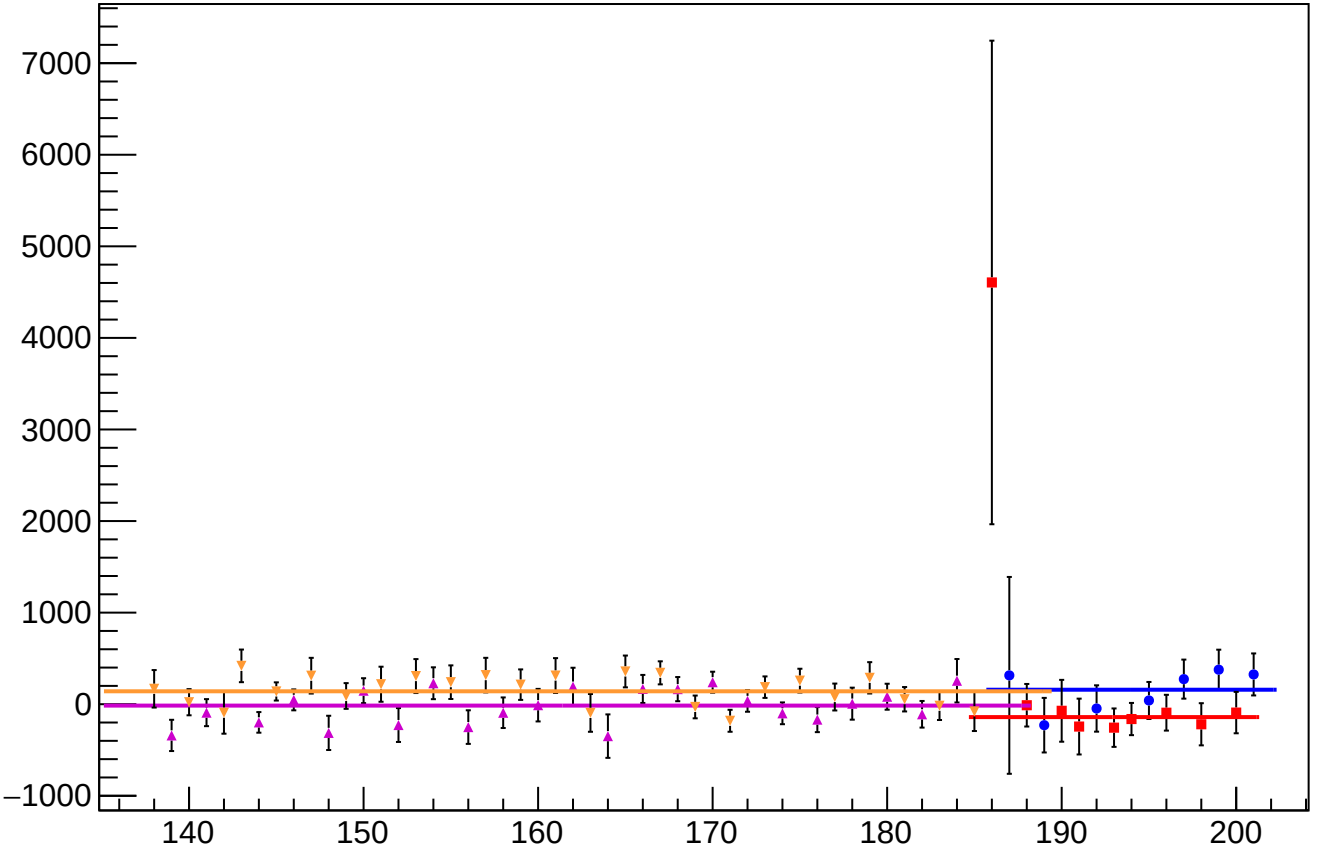
Right: 188.655+/-0.043 χ^2/NDF: 859528.2/15

In: 138.138+/-0.022 χ^2/NDF:2339512.3/29

Out: 139.129+/-0.021 χ^2/NDF:3270870.7/33

All: 138.650+/-0.015 χ^2/NDF: 5611478.7/63

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 158.158+/-93.578 χ^2/NDF: 4.5/6

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -140.756+/-79.582 χ^2/NDF: 4.2/8

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

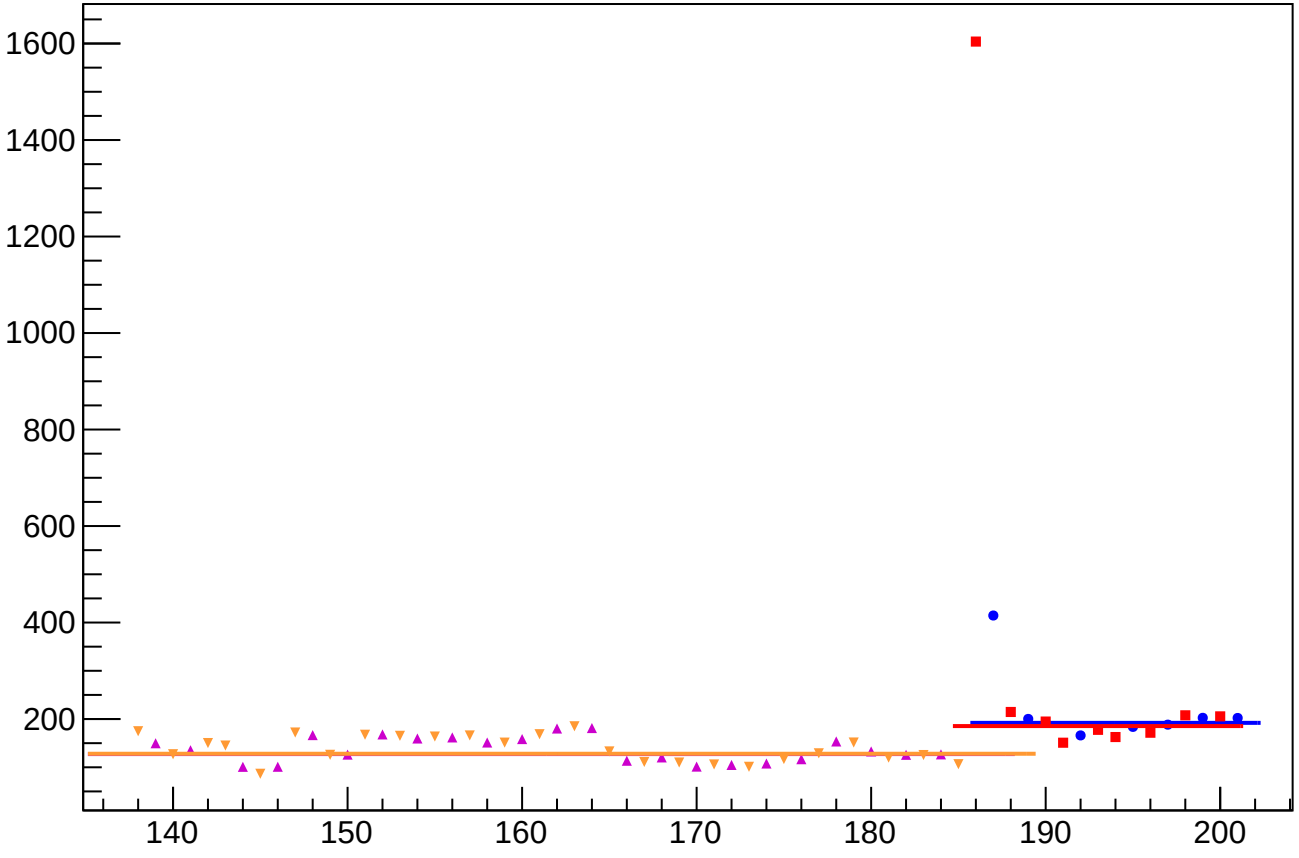
Right: -15.304+/-60.624 χ^2/NDF: 14.7/15

In: 1.977+/-29.456 χ^2/NDF:39.0/29

Out: 104.642+/-28.590 χ^2/NDF:42.3/33

All: 54.840+/-20.515 χ^2/NDF: 87.5/63

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 192.103+/-0.066 χ^2/NDF: 120805.0/6

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 185.418+/-0.056 χ^2/NDF: 716862.7/8

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

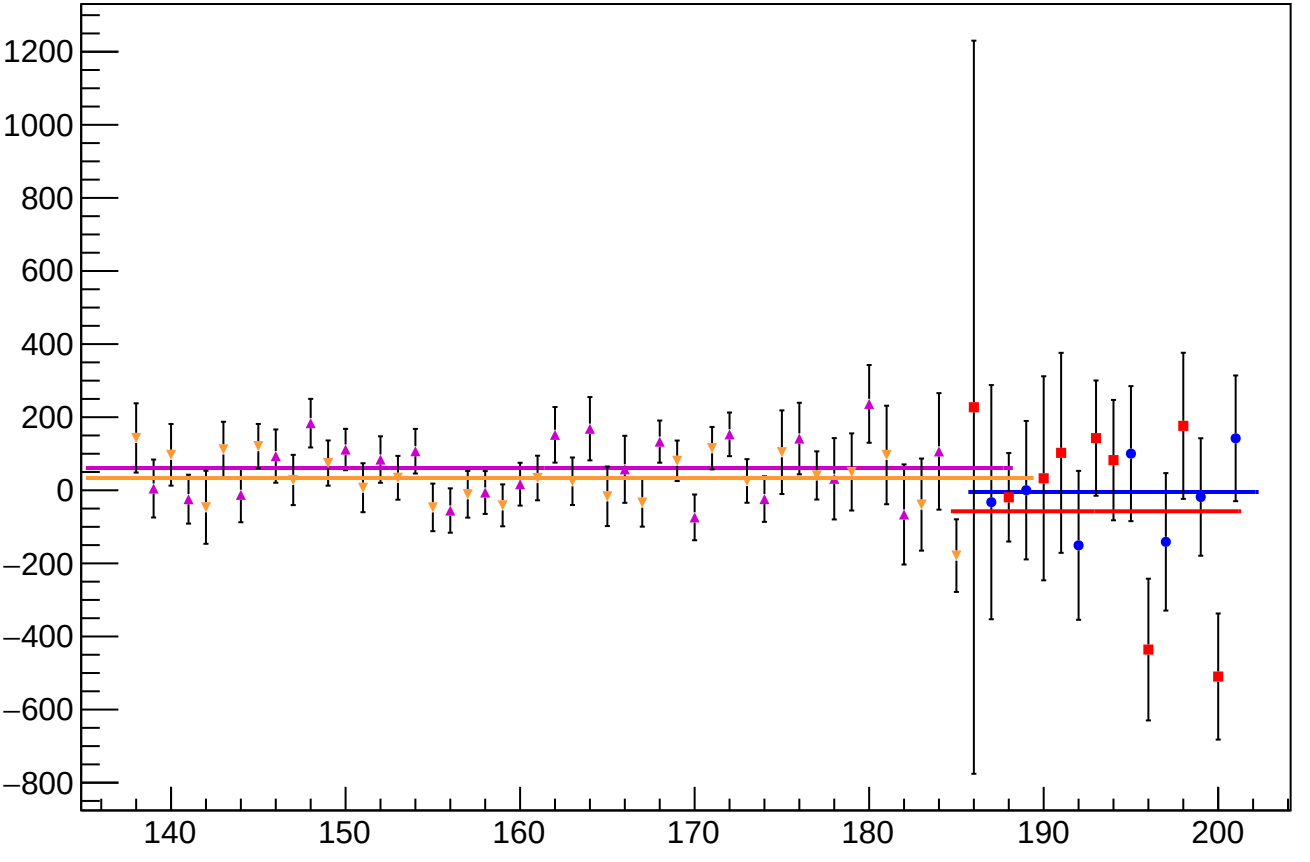
Right: 188.224+/-0.043 χ^2/NDF: 843591.6/15

In: 133.792+/-0.021 χ^2/NDF:2212670.9/29

Out: 135.462+/-0.020 χ^2/NDF:3152002.8/33

All: 134.652+/-0.015 χ^2/NDF: 5367984.6/63

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -4.642+/-72.204 χ^2/NDF: 2.1/6

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: -57.449+/-62.292 χ^2/NDF: 15.0/8

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

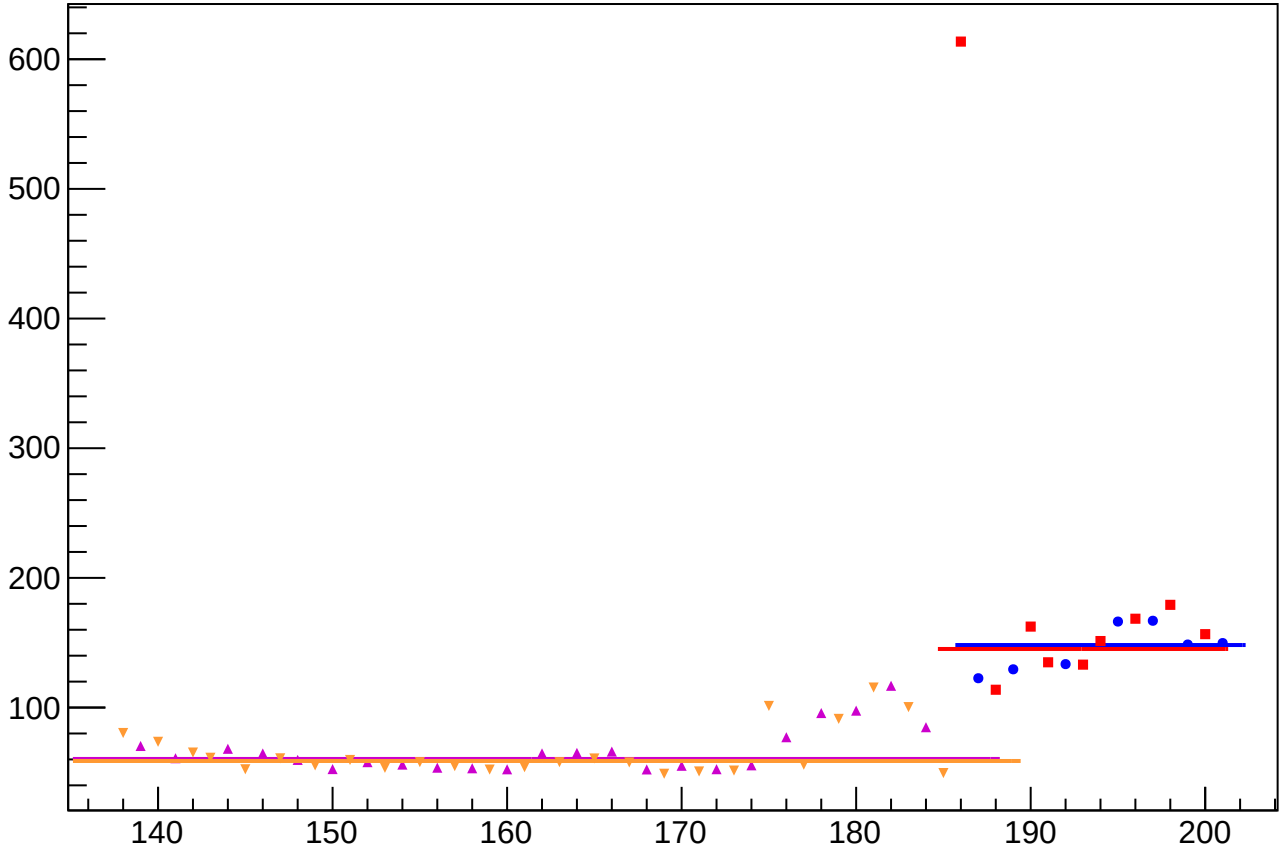
Right: -34.917+/-47.165 χ^2/NDF: 17.4/15

In: 58.332+/-14.535 χ^2/NDF:34.5/29

Out: 29.042+/-13.842 χ^2/NDF:36.7/33

All: 42.972+/-10.024 χ^2/NDF: 73.3/63

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 148.217+/-0.051 χ^2/NDF: 81970.1/6

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 145.177+/-0.044 χ^2/NDF: 691793.1/8

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

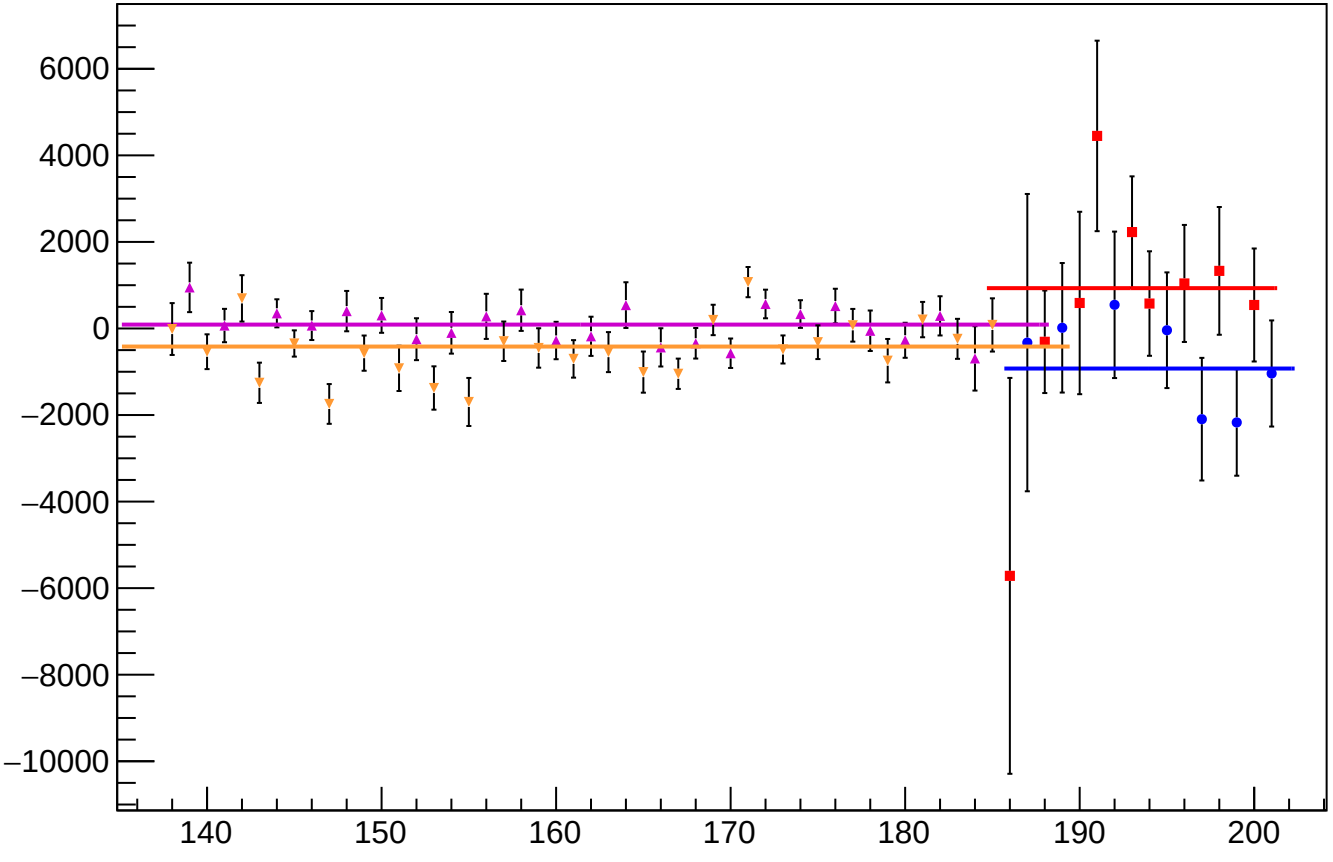
Right: 146.474+/-0.033 χ^2/NDF: 775796.4/15

In: 63.916+/-0.010 χ^2/NDF:4141103.7/29

Out: 63.058+/-0.010 χ^2/NDF:5808629.7/33

All: 63.466+/-0.007 χ^2/NDF: 9953381.5/63

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -925.667+/-553.569 χ^2/NDF: 3.3/6

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 931.819+/-495.444 χ^2/NDF: 7.1/8

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

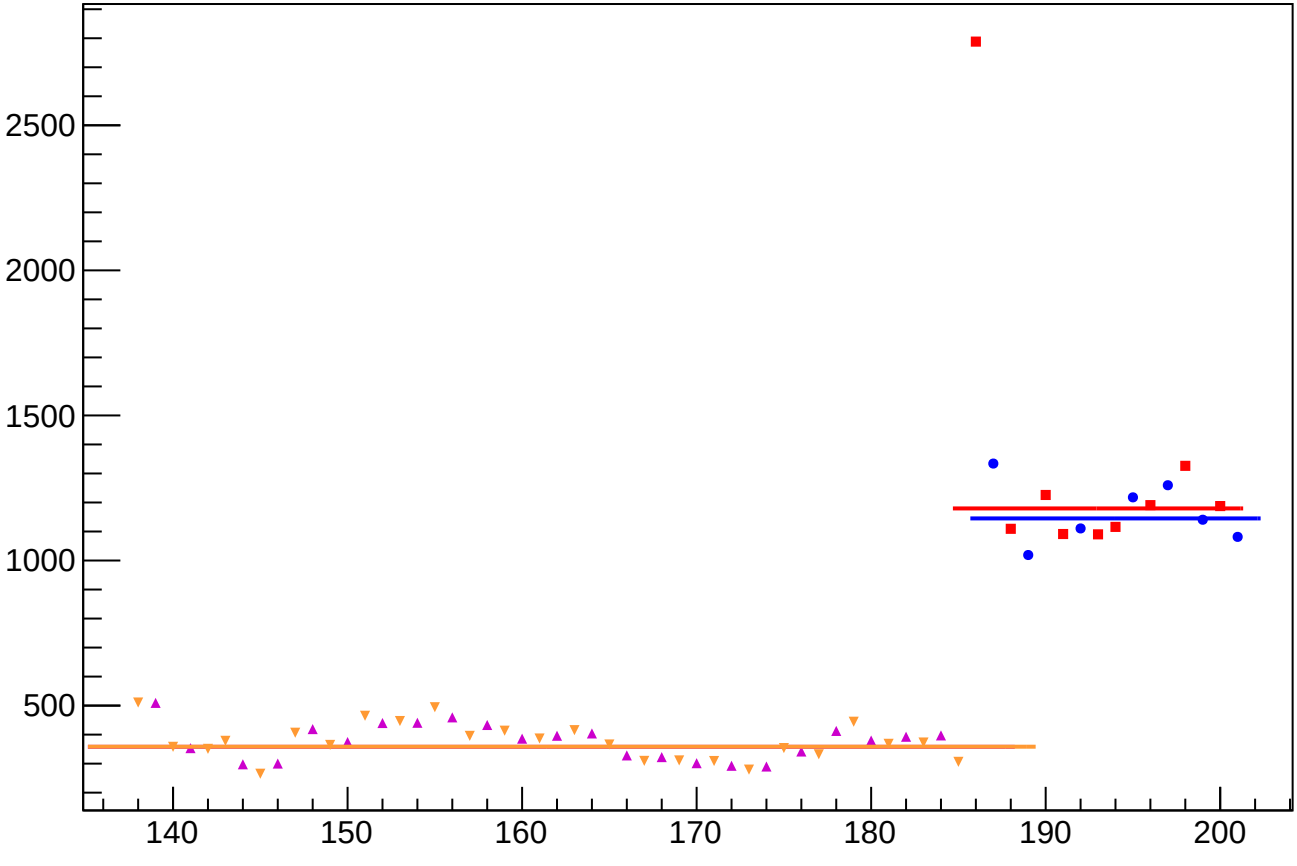
Right: 105.682+/-369.177 χ^2/NDF: 16.6/15

In: 65.342+/-85.403 χ^2/NDF:26.0/29

Out: -379.255+/-83.747 χ^2/NDF:72.8/33

All: -161.311+/-59.795 χ^2/NDF: 112.6/63

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1145.107+/-0.391 χ^2/NDF: 45441.8/6

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1179.521+/-0.350 χ^2/NDF: 293867.8/8

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

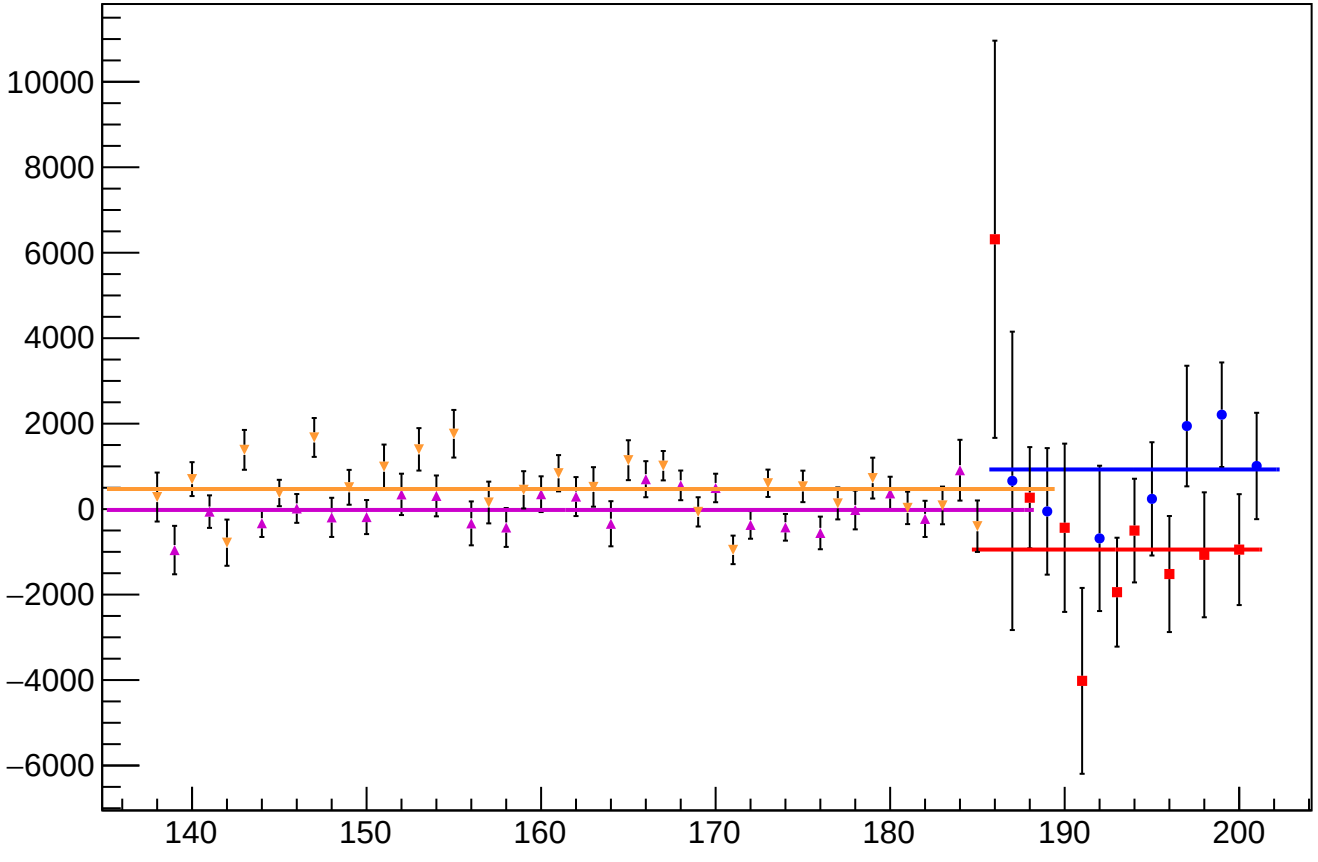
Right: 1164.215+/-0.261 χ^2/NDF: 343601.5/15

In: 376.541+/-0.060 χ^2/NDF:4887992.4/29

Out: 381.812+/-0.059 χ^2/NDF:6643008.3/33

All: 379.228+/-0.042 χ^2/NDF: 11534884.5/63

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 928.083+/-553.073 χ^2/NDF: 3.2/6

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -945.995+/-492.208 χ^2/NDF: 6.5/8

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

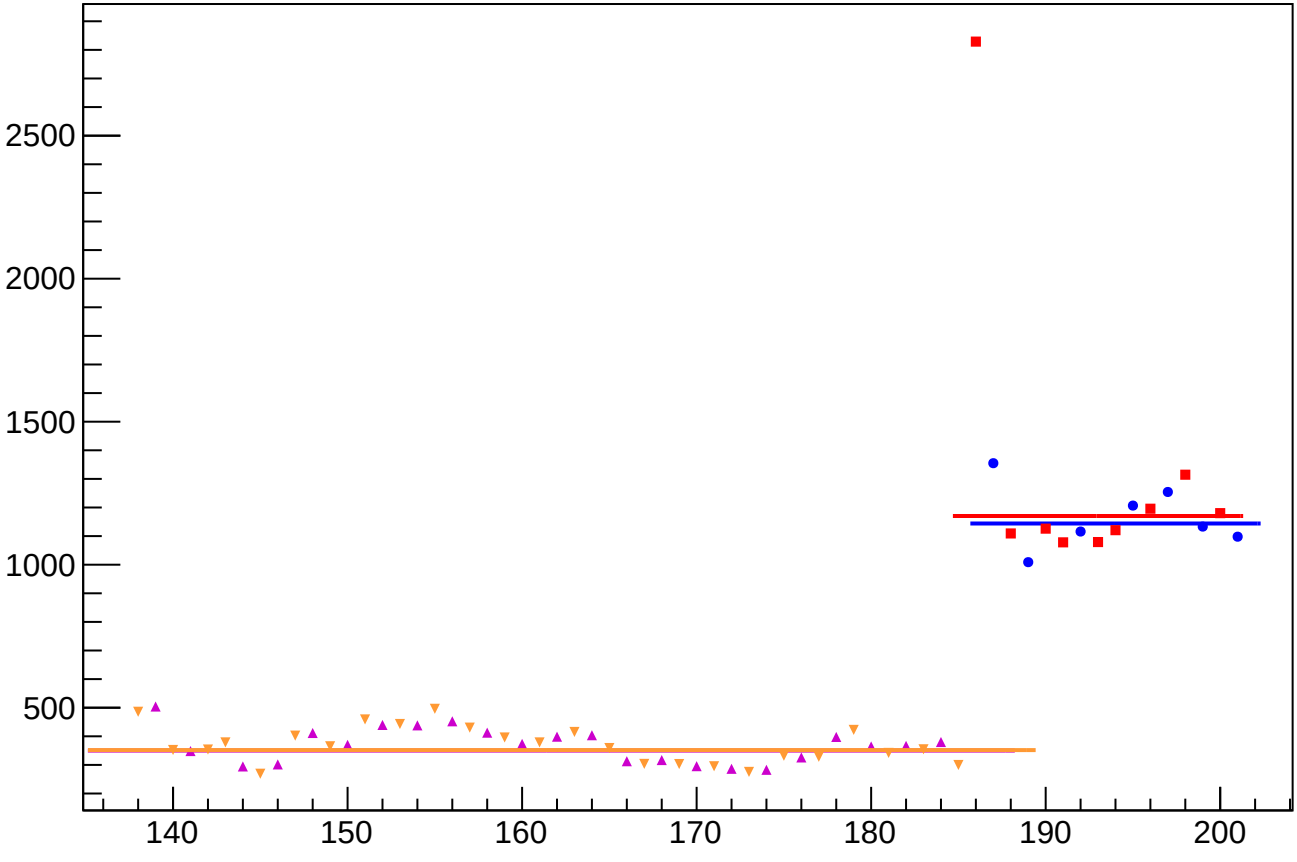
Right: -117.712+/-367.687 χ^2/NDF: 16.1/15

In: 2.373+/-83.704 χ^2/NDF:29.8/29

Out: 431.190+/-82.304 χ^2/NDF:73.2/33

All: 220.396+/-58.687 χ^2/NDF: 116.3/63

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1144.050+/-0.391 χ^2/NDF: 44083.7/6

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1170.263+/-0.348 χ^2/NDF: 298511.6/8

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

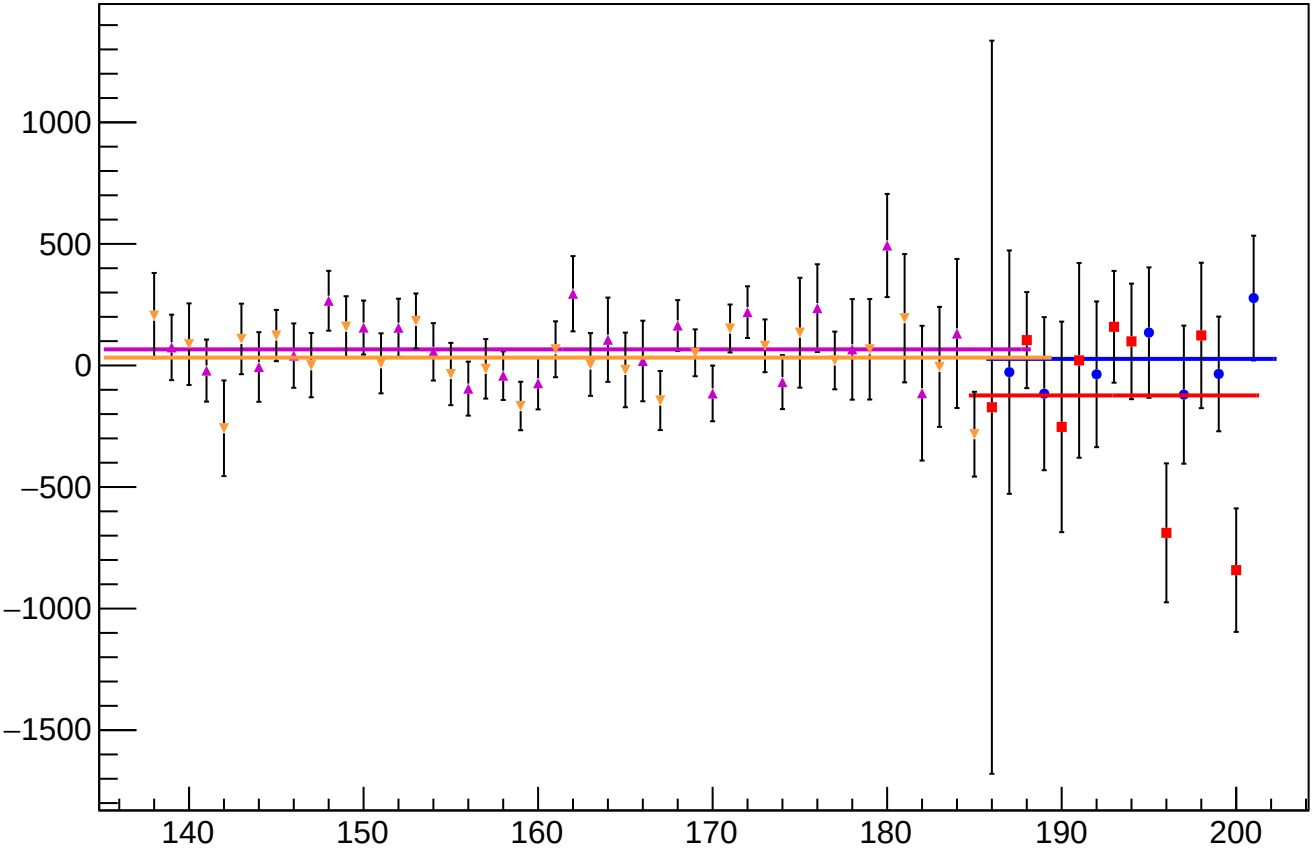
Right: 1158.678+/-0.260 χ^2/NDF: 345102.2/15

In: 368.224+/-0.059 χ^2/NDF:4961224.3/29

Out: 374.662+/-0.058 χ^2/NDF:6691054.1/33

All: 371.497+/-0.041 χ^2/NDF: 11658295.2/63

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 27.067+/-108.678 χ^2/NDF: 1.7/6

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: -123.222+/-93.998 χ^2/NDF: 16.5/8

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

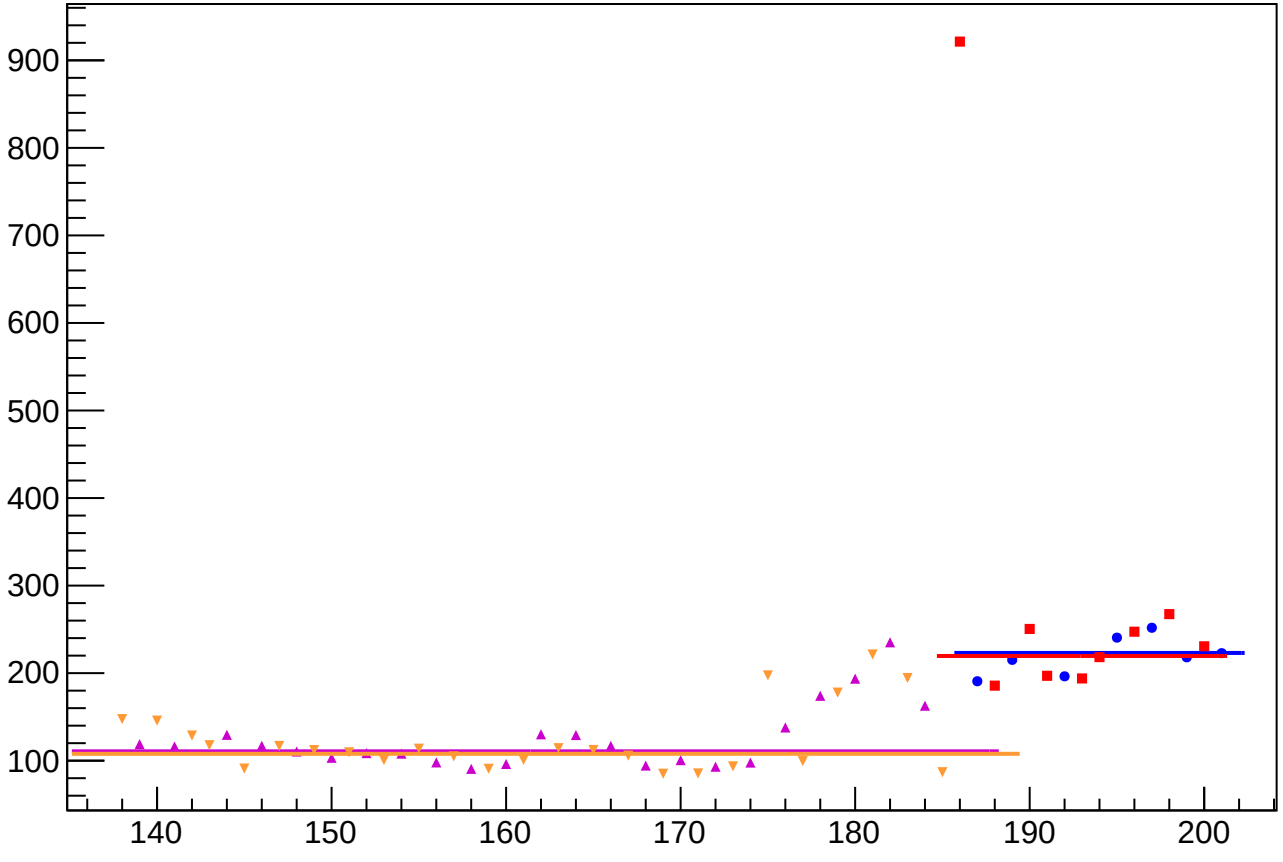
Right: -58.906+/-71.094 χ^2/NDF: 19.3/15

In: 63.904+/-26.614 χ^2/NDF:26.1/29

Out: 21.022+/-25.345 χ^2/NDF:38.6/33

All: 41.416+/-18.354 χ^2/NDF: 66.0/63

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 223.075+/-0.077 χ^2/NDF: 55401.5/6

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 219.610+/-0.066 χ^2/NDF: 607408.2/8

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

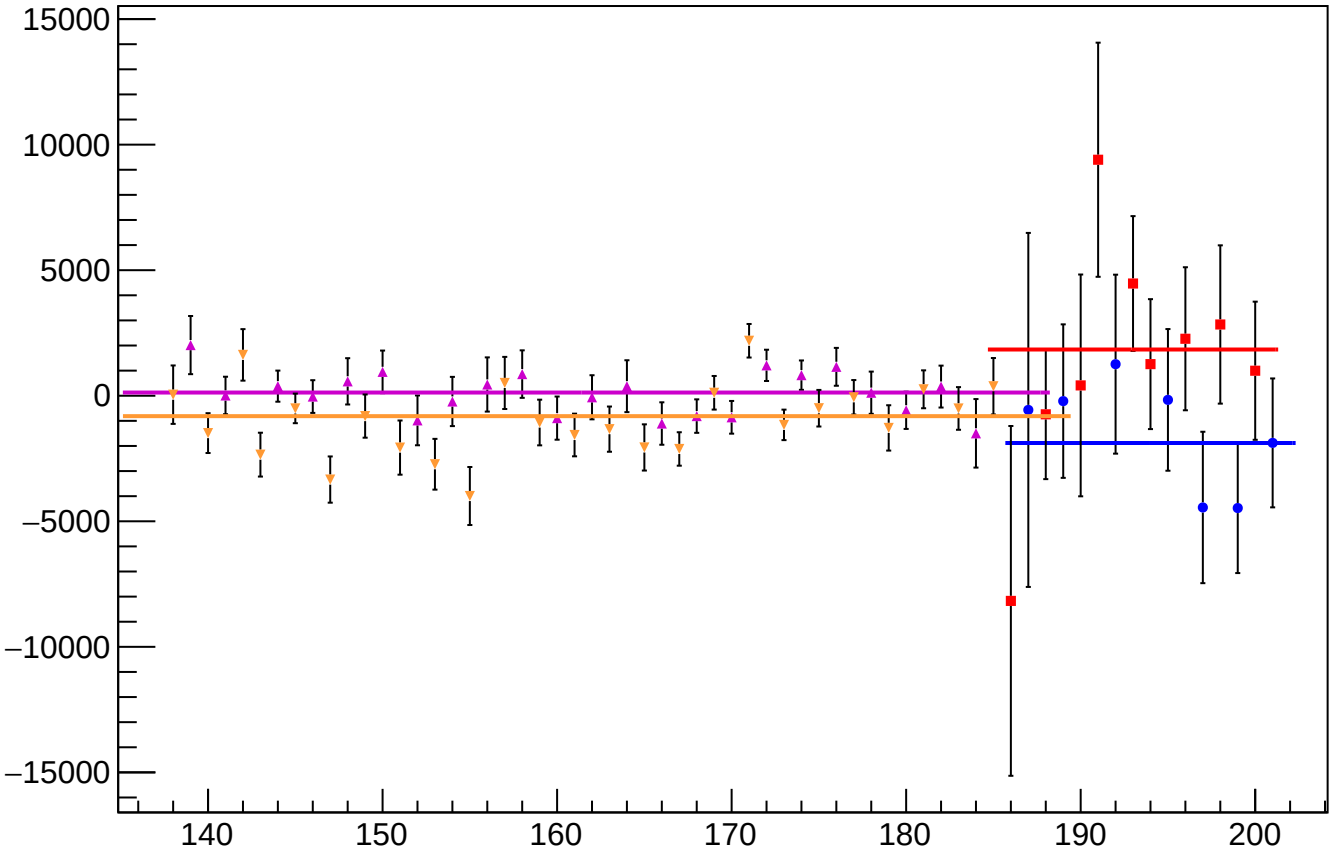
Right: 221.093+/-0.050 χ^2/NDF: 663972.4/15

In: 117.431+/-0.019 χ^2/NDF:3472461.6/29

Out: 115.977+/-0.018 χ^2/NDF:5062784.7/33

All: 116.669+/-0.013 χ^2/NDF: 8538374.2/63

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -1881.946+/-1160.640 χ^2/NDF: 3.2/6

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 1841.168+/-1046.983 χ^2/NDF: 7.0/8

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

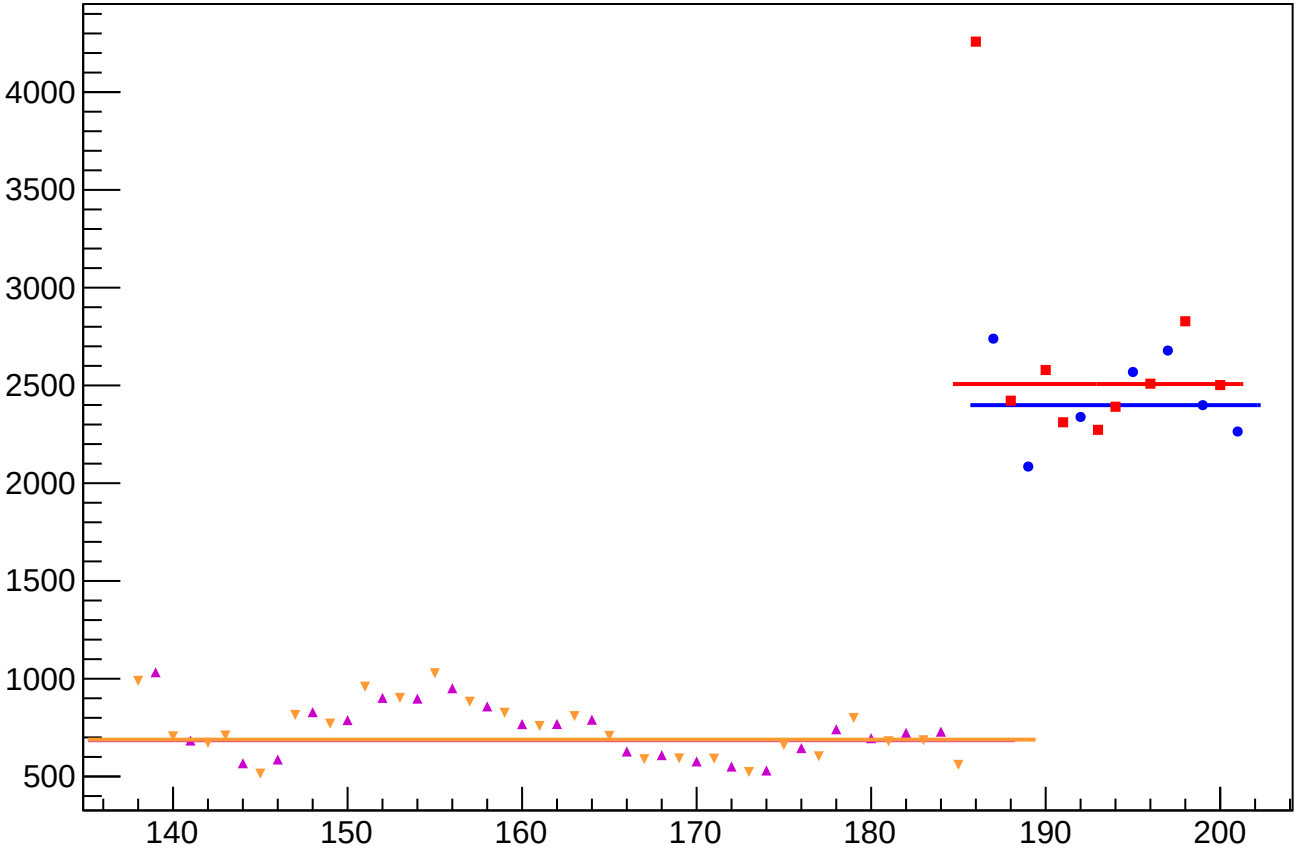
Right: 170.784+/-777.414 χ^2/NDF: 15.9/15

In: 87.001+/-164.627 χ^2/NDF:28.9/29

Out: -749.387+/-162.123 χ^2/NDF:79.5/33

All: -337.603+/-115.513 χ^2/NDF: 121.5/63

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2399.143+/-0.821 χ^2/NDF: 56251.4/6

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2507.091+/-0.740 χ^2/NDF: 172632.6/8

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

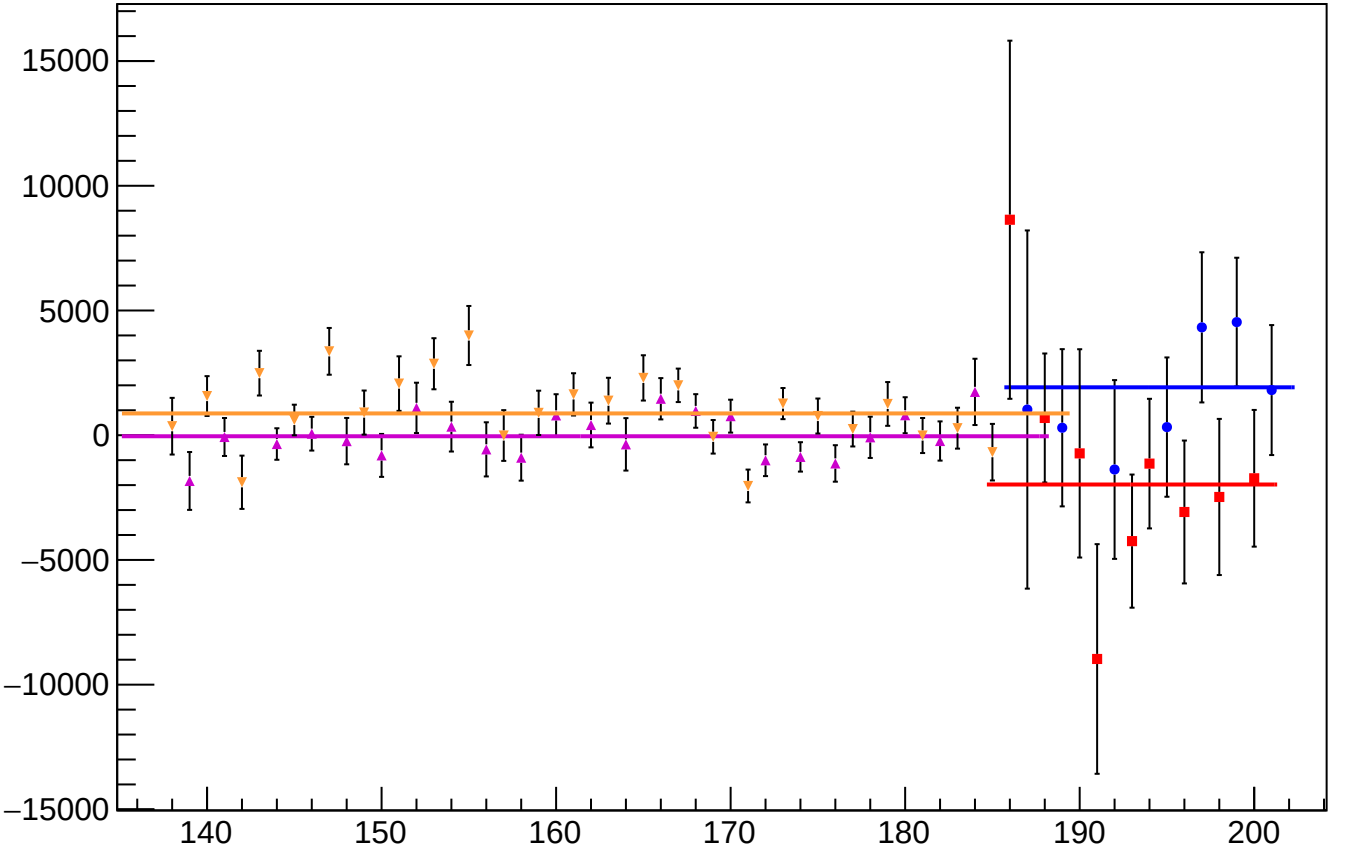
Right: 2458.660+/-0.550 χ^2/NDF: 238422.7/15

In: 720.206+/-0.116 χ^2/NDF:5483528.6/29

Out: 732.118+/-0.115 χ^2/NDF:7349780.9/33

All: 726.253+/-0.082 χ^2/NDF: 12838625.9/63

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1920.319+/-1167.169 χ^2/NDF: 3.1/6

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -1976.016+/-1042.945 χ^2/NDF: 6.7/8

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

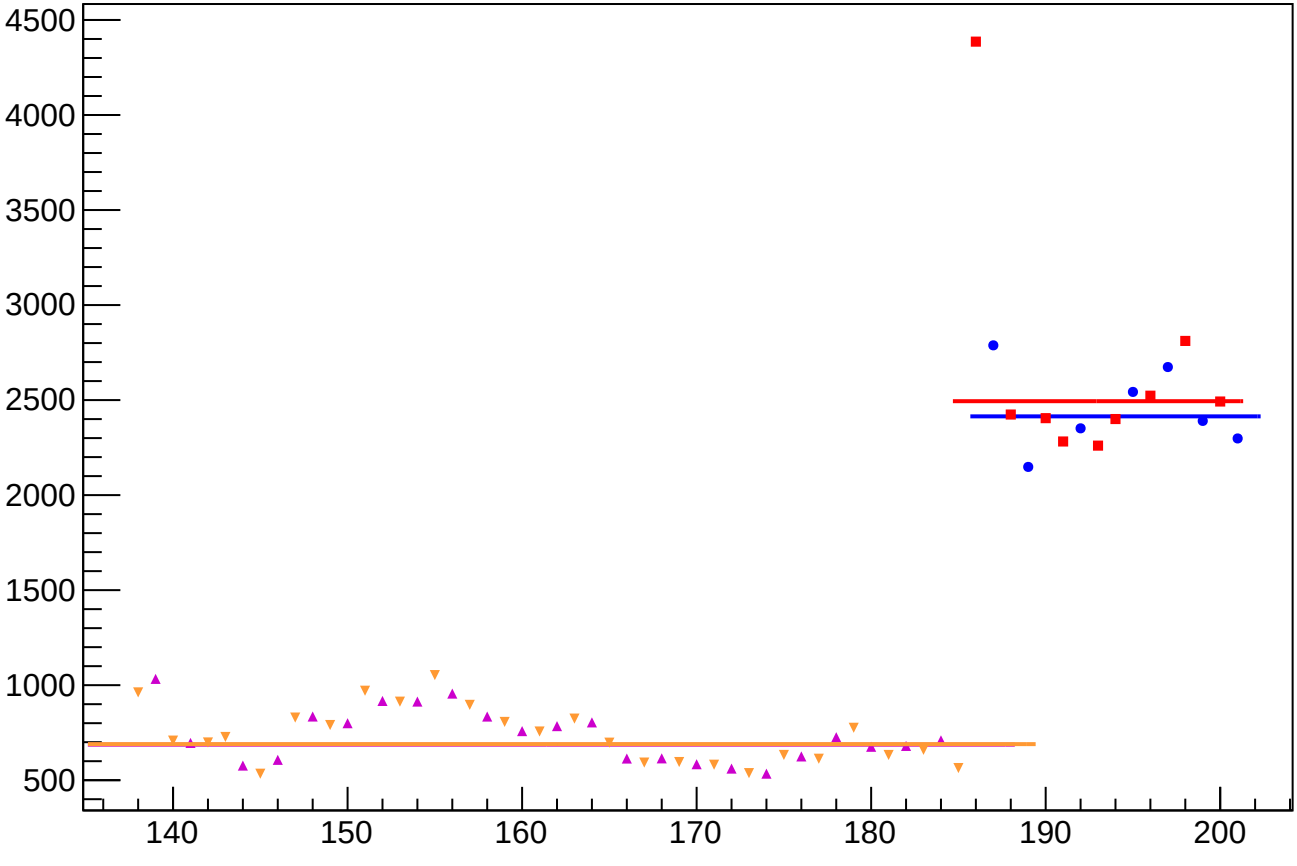
Right: -246.160+/-777.697 χ^2/NDF: 16.0/15

In: -2.290+/-165.052 χ^2/NDF:30.0/29

Out: 804.469+/-162.268 χ^2/NDF:78.1/33

All: 407.951+/-115.713 χ^2/NDF: 120.2/63

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2414.369+/-0.825 χ^2/NDF: 43540.4/6

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2494.199+/-0.737 χ^2/NDF: 184225.3/8

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

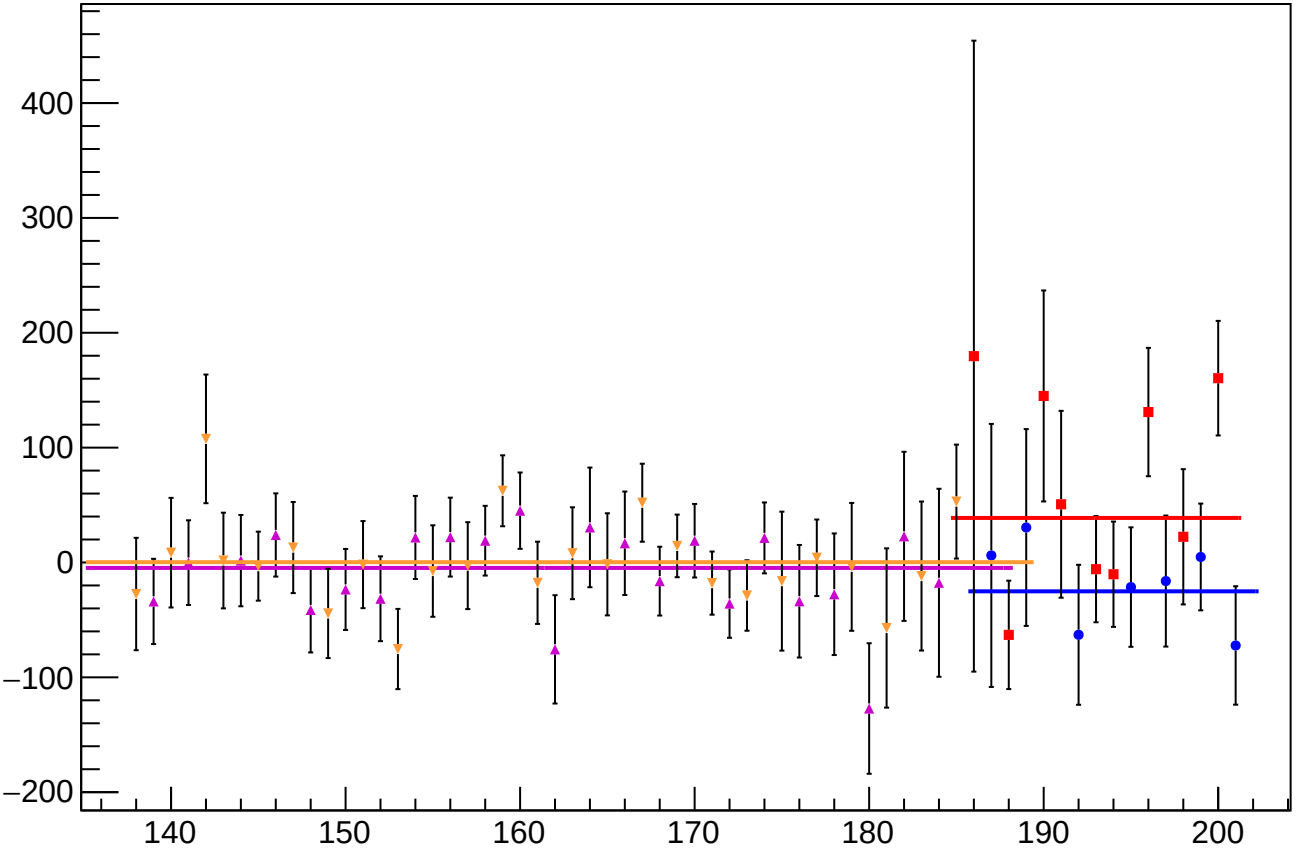
Right: 2458.757+/-0.550 χ^2/NDF: 232968.1/15

In: 721.488+/-0.117 χ^2/NDF:5452854.6/29

Out: 733.447+/-0.115 χ^2/NDF:7284629.5/33

All: 727.569+/-0.082 χ^2/NDF: 12742823.1/63

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -25.115+/-22.372 χ^2/NDF: 2.2/6

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: 38.794+/-19.294 χ^2/NDF: 17.1/8

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

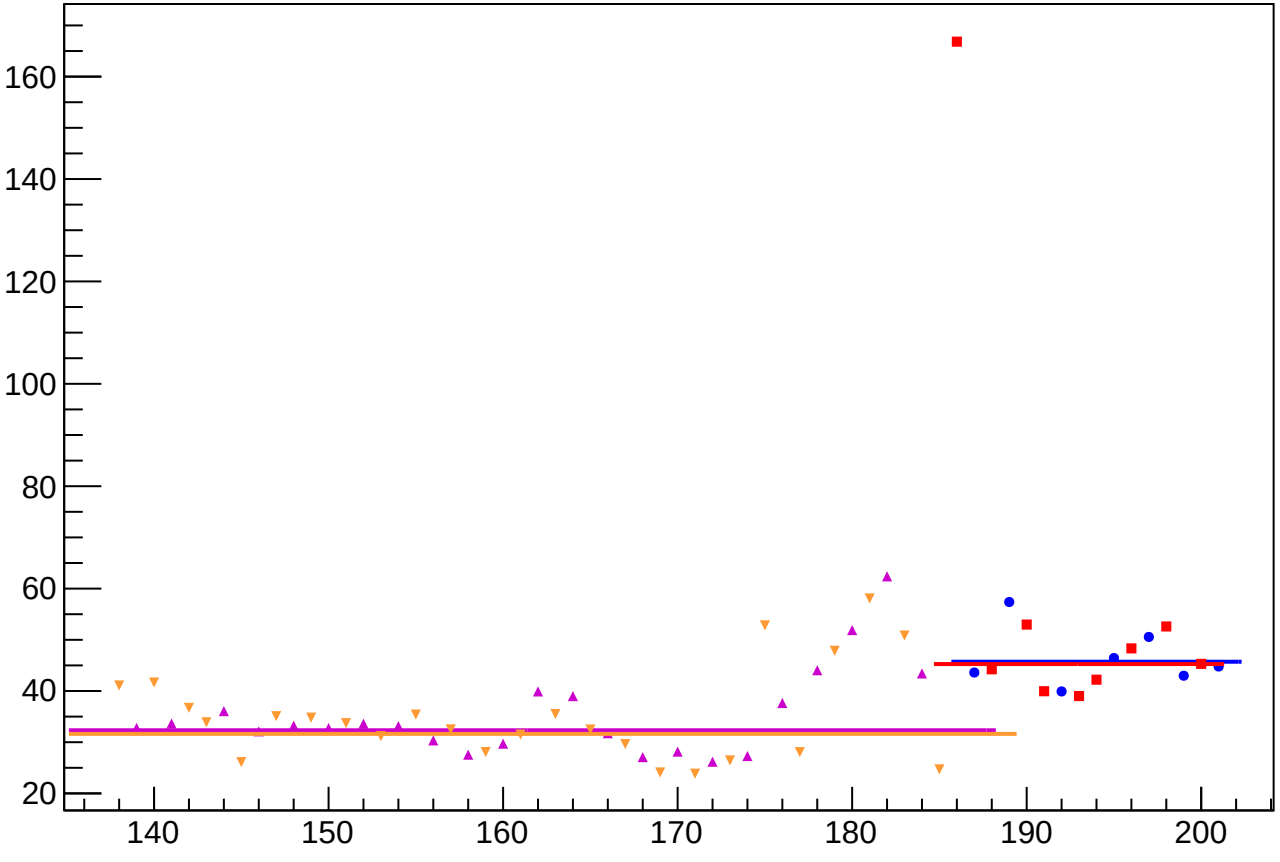
Right: 11.535+/-14.611 χ^2/NDF: 23.9/15

In: -7.042+/-7.513 χ^2/NDF:20.8/29

Out: 5.537+/-7.144 χ^2/NDF:40.9/33

All: -0.436+/-5.177 χ^2/NDF: 63.2/63

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 45.718+/-0.016 χ^2/NDF: 78272.0/6

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 45.265+/-0.014 χ^2/NDF: 497770.8/8

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

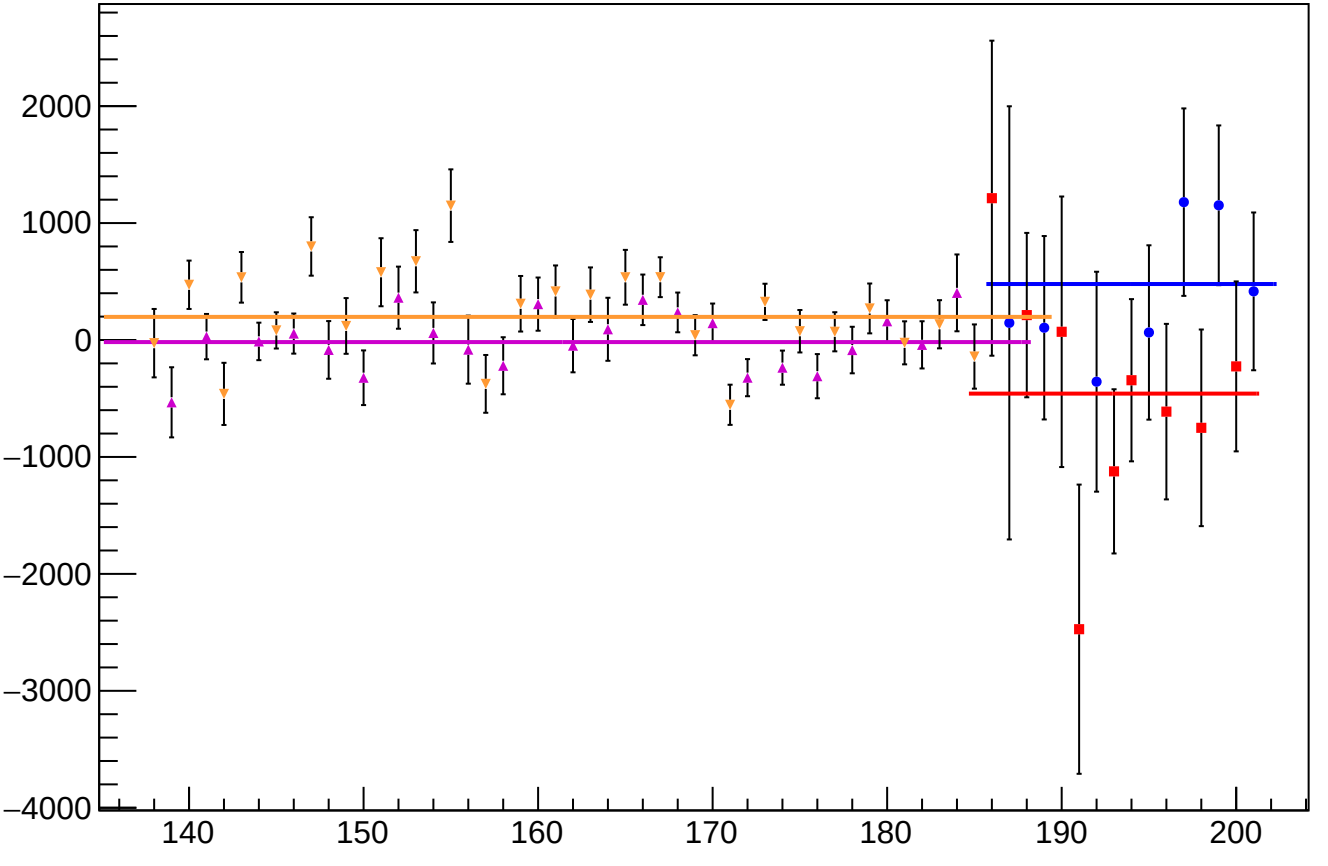
Right: 45.459+/-0.010 χ^2/NDF: 576513.5/15

In: 33.841+/-0.005 χ^2/NDF:1855162.6/29

Out: 33.494+/-0.005 χ^2/NDF:3033831.3/33

All: 33.659+/-0.004 χ^2/NDF: 4891227.9/63

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 478.750+/-305.070 χ^2/NDF: 3.1/6

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -458.415+/-275.574 χ^2/NDF: 6.5/8

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

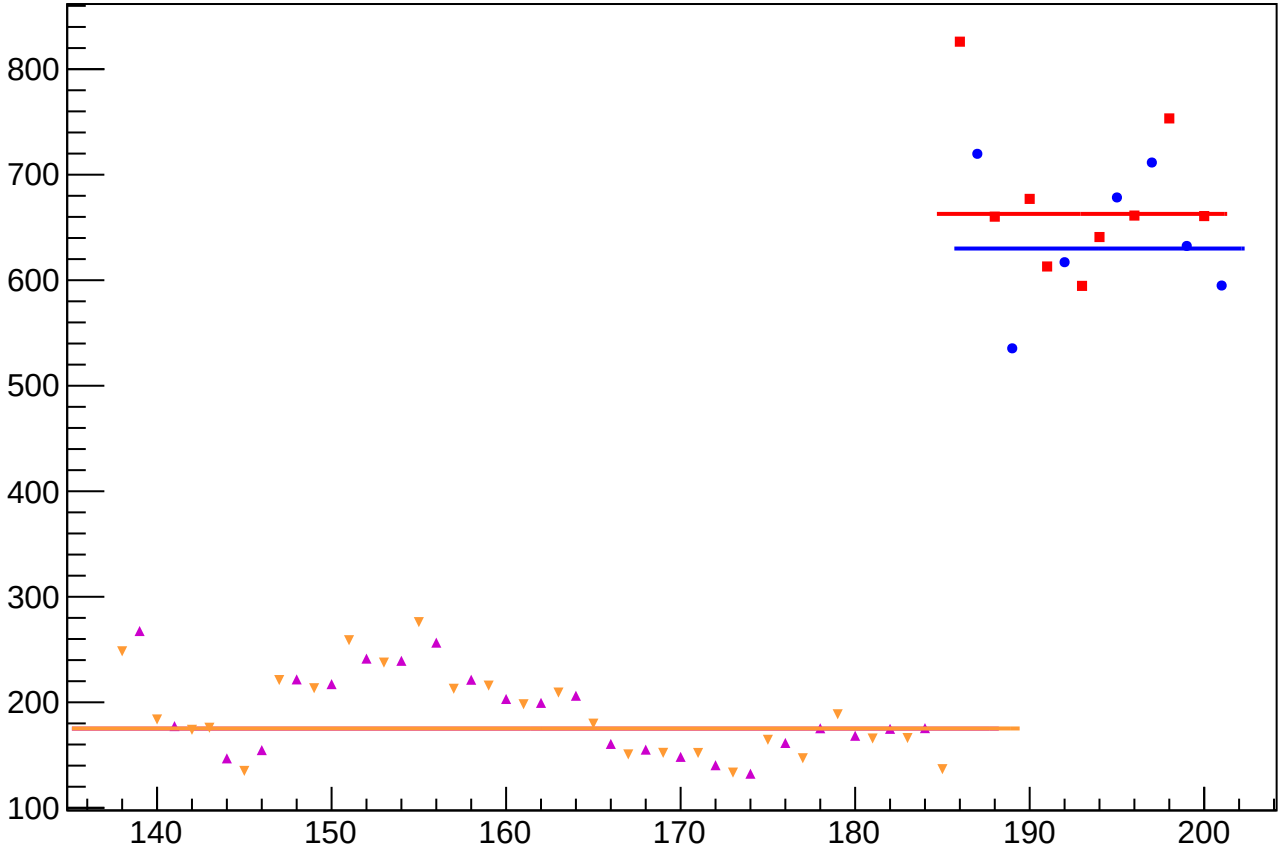
Right: -37.316+/-204.495 χ^2/NDF: 14.8/15

In: -8.256+/-42.167 χ^2/NDF:32.8/29

Out: 182.905+/-41.358 χ^2/NDF:81.9/33

All: 89.177+/-29.526 χ^2/NDF: 125.2/63

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 630.021+/-0.216 χ^2/NDF: 68695.8/6

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 662.843+/-0.195 χ^2/NDF: 77010.1/8

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

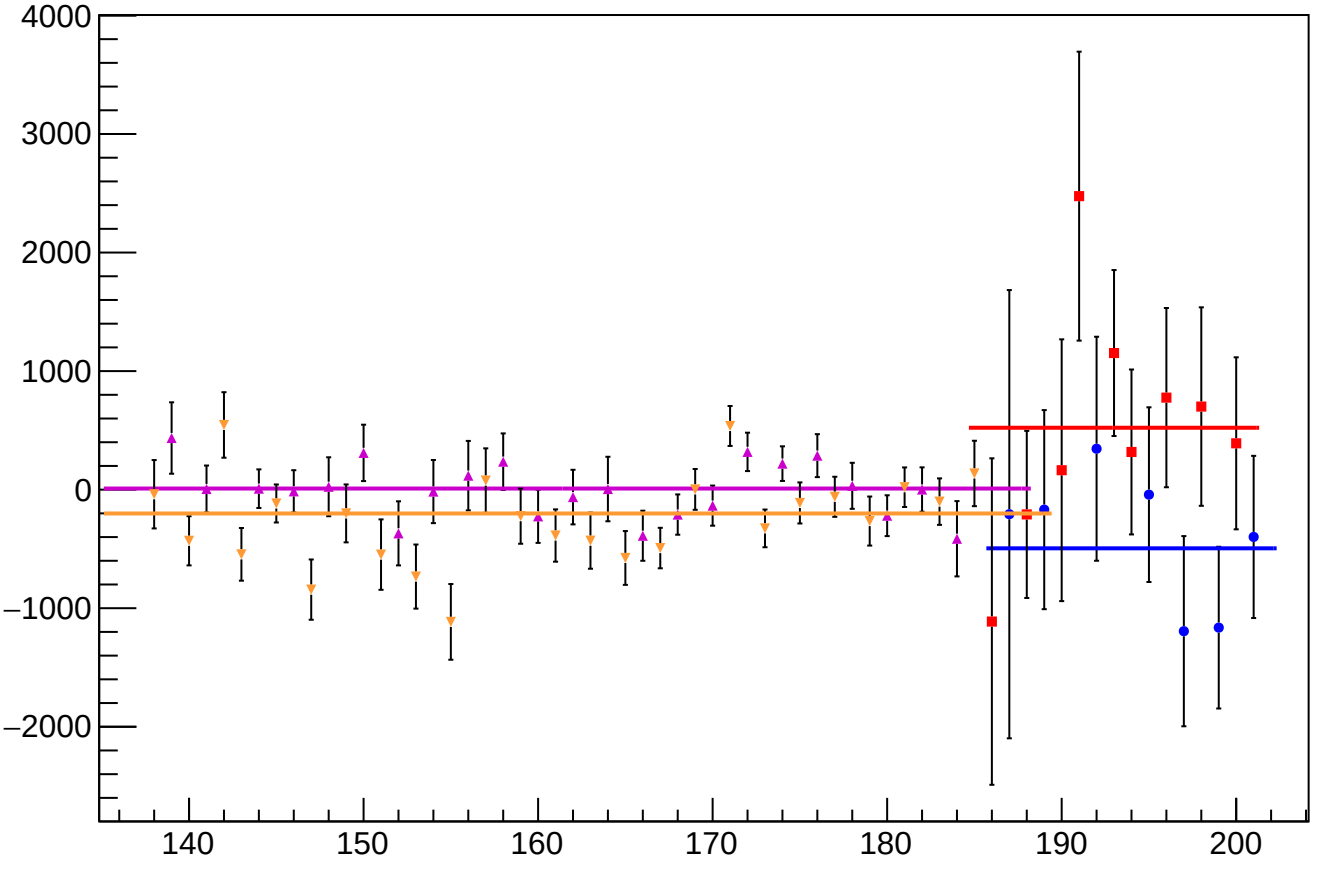
Right: 648.095+/-0.145 χ^2/NDF: 158454.4/15

In: 183.743+/-0.030 χ^2/NDF:5771795.8/29

Out: 186.190+/-0.029 χ^2/NDF:7616639.8/33

All: 184.990+/-0.021 χ^2/NDF: 13391869.0/63

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -494.898+/-308.593 χ^2/NDF: 3.1/6

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 522.232+/-275.055 χ^2/NDF: 6.2/8

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

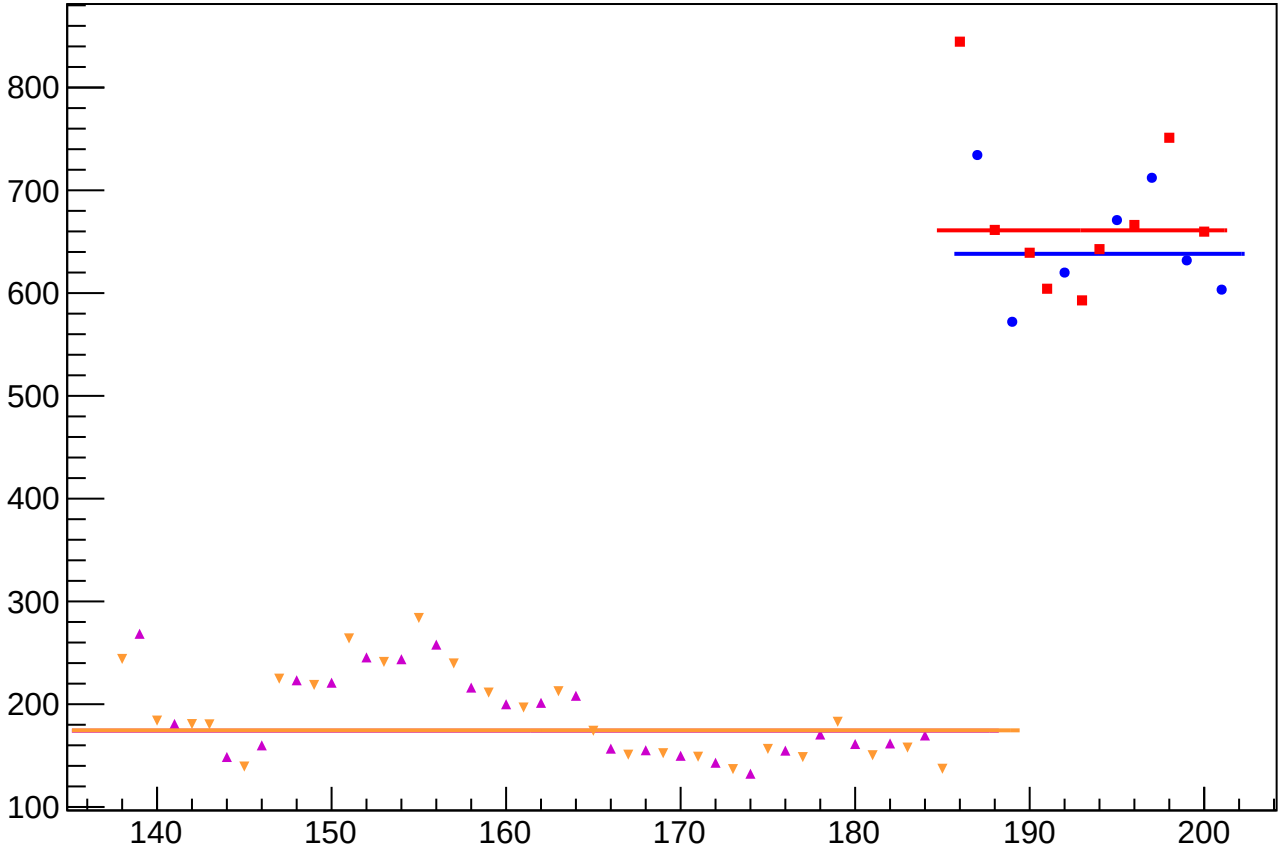
Right: 71.922+/-205.331 χ^2/NDF: 15.4/15

In: 0.024+/-42.041 χ^2/NDF:31.1/29

Out: -184.651+/-41.269 χ^2/NDF:78.5/33

All: -94.025+/-29.451 χ^2/NDF: 119.4/63

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 638.200+/-0.218 χ^2/NDF: 44671.3/6

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 661.049+/-0.194 χ^2/NDF: 84262.5/8

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

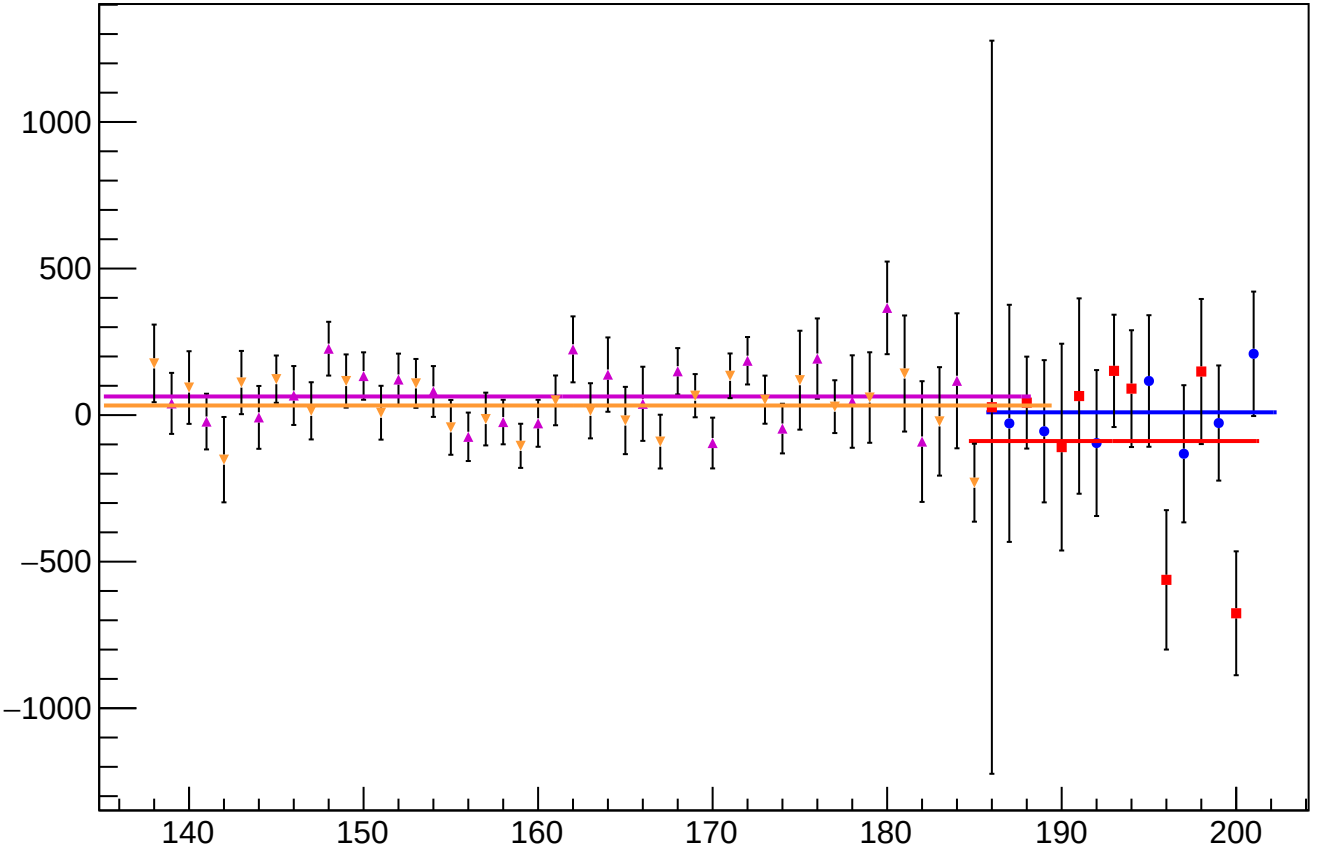
Right: 650.933+/-0.145 χ^2/NDF: 135044.1/15

In: 182.828+/-0.030 χ^2/NDF:5846637.1/29

Out: 185.518+/-0.029 χ^2/NDF:7732711.0/33

All: 184.198+/-0.021 χ^2/NDF: 13583517.3/63

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 9.500+/-89.278 χ^2/NDF: 1.8/6

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: -88.553+/-77.343 χ^2/NDF: 15.9/8

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

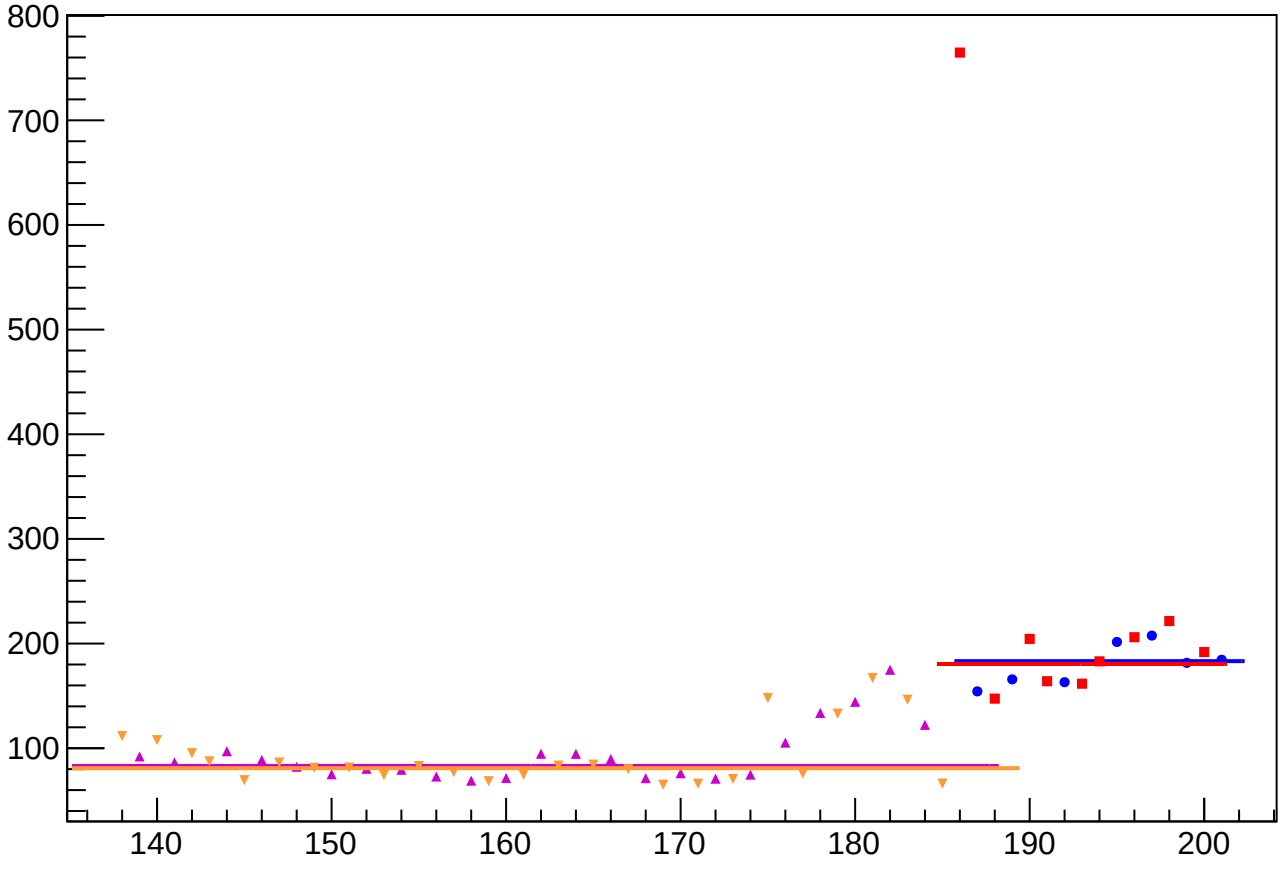
Right: -46.514+/-58.457 χ^2/NDF: 18.4/15

In: 60.840+/-20.048 χ^2/NDF:29.3/29

Out: 25.397+/-19.095 χ^2/NDF:37.7/33

All: 42.256+/-13.827 χ^2/NDF: 68.7/63

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 183.212+/-0.063 χ^2/NDF: 68895.3/6

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 180.494+/-0.055 χ^2/NDF: 643280.4/8

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

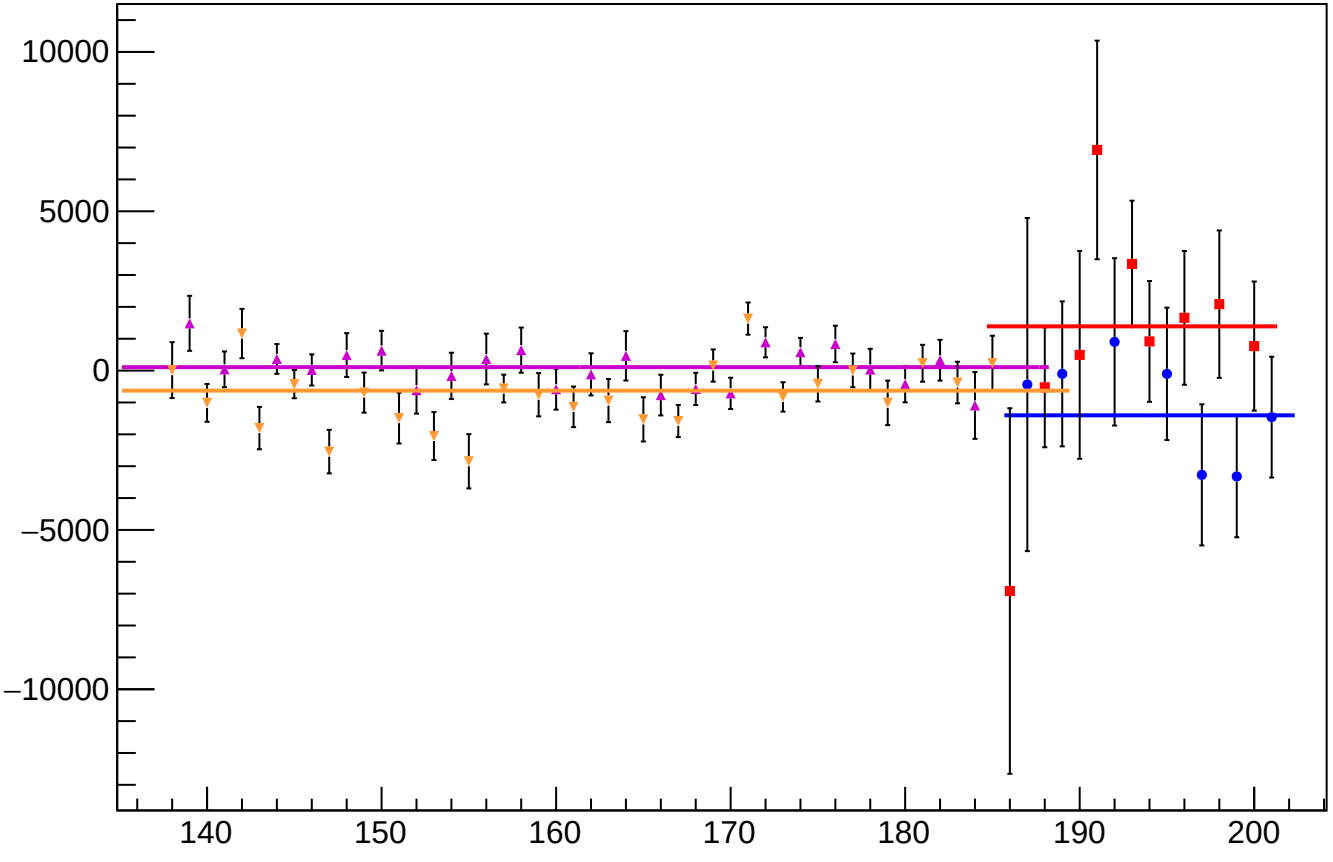
Right: 181.659+/-0.041 χ^2/NDF: 713235.0/15

In: 88.120+/-0.014 χ^2/NDF:3863473.1/29

Out: 86.996+/-0.014 χ^2/NDF:5516648.7/33

All: 87.531+/-0.010 χ^2/NDF: 9383422.2/63

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -1403.688+/-856.568 χ^2/NDF: 3.2/6

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 1388.592+/-771.194 χ^2/NDF: 7.0/8

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

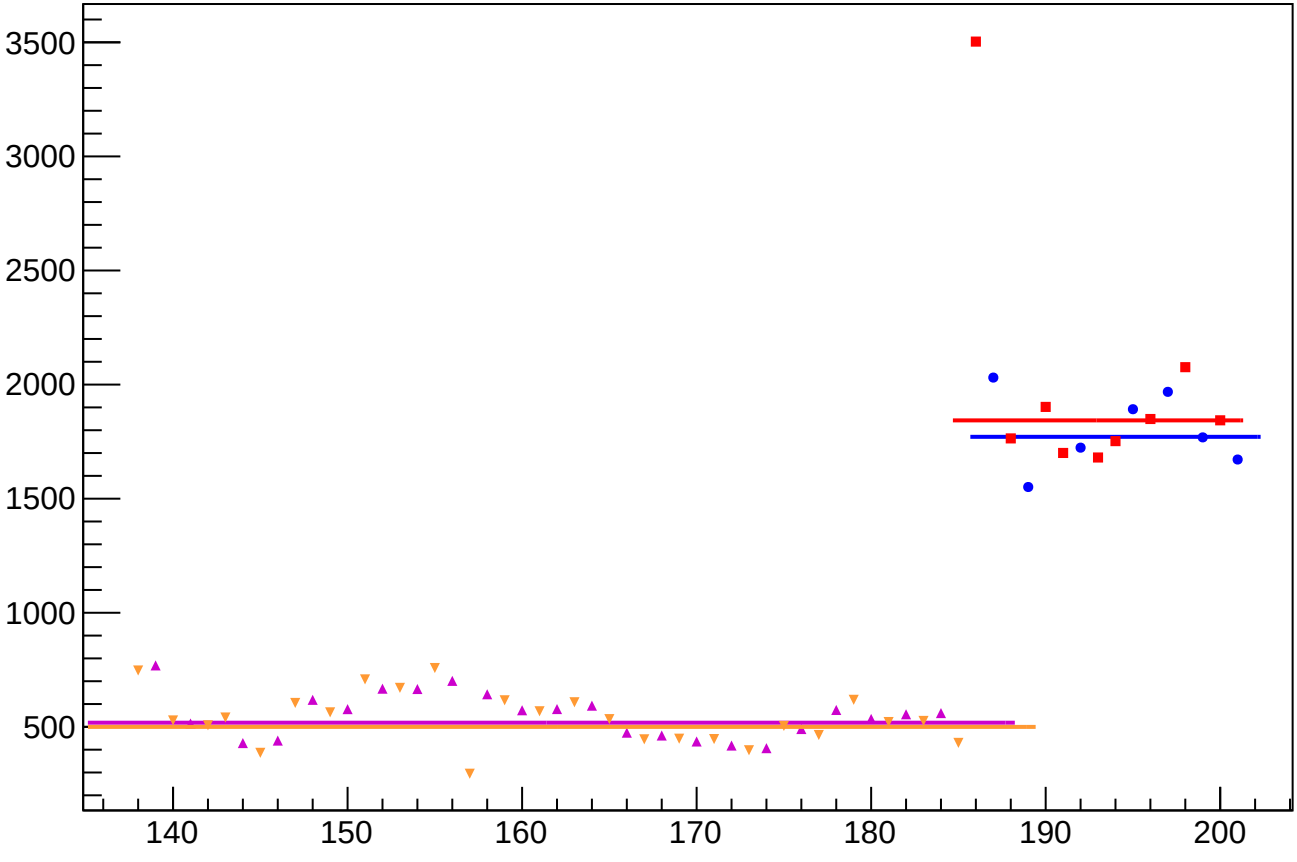
Right: 138.502+/-573.130 χ^2/NDF: 16.2/15

In: 77.022+/-124.201 χ^2/NDF:27.7/29

Out: -580.836+/-119.159 χ^2/NDF:76.9/33

All: -265.529+/-85.985 χ^2/NDF: 119.2/63

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 1771.077+/-0.606 χ^2/NDF: 52413.0/6

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1843.124+/-0.545 χ^2/NDF: 213517.9/8

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

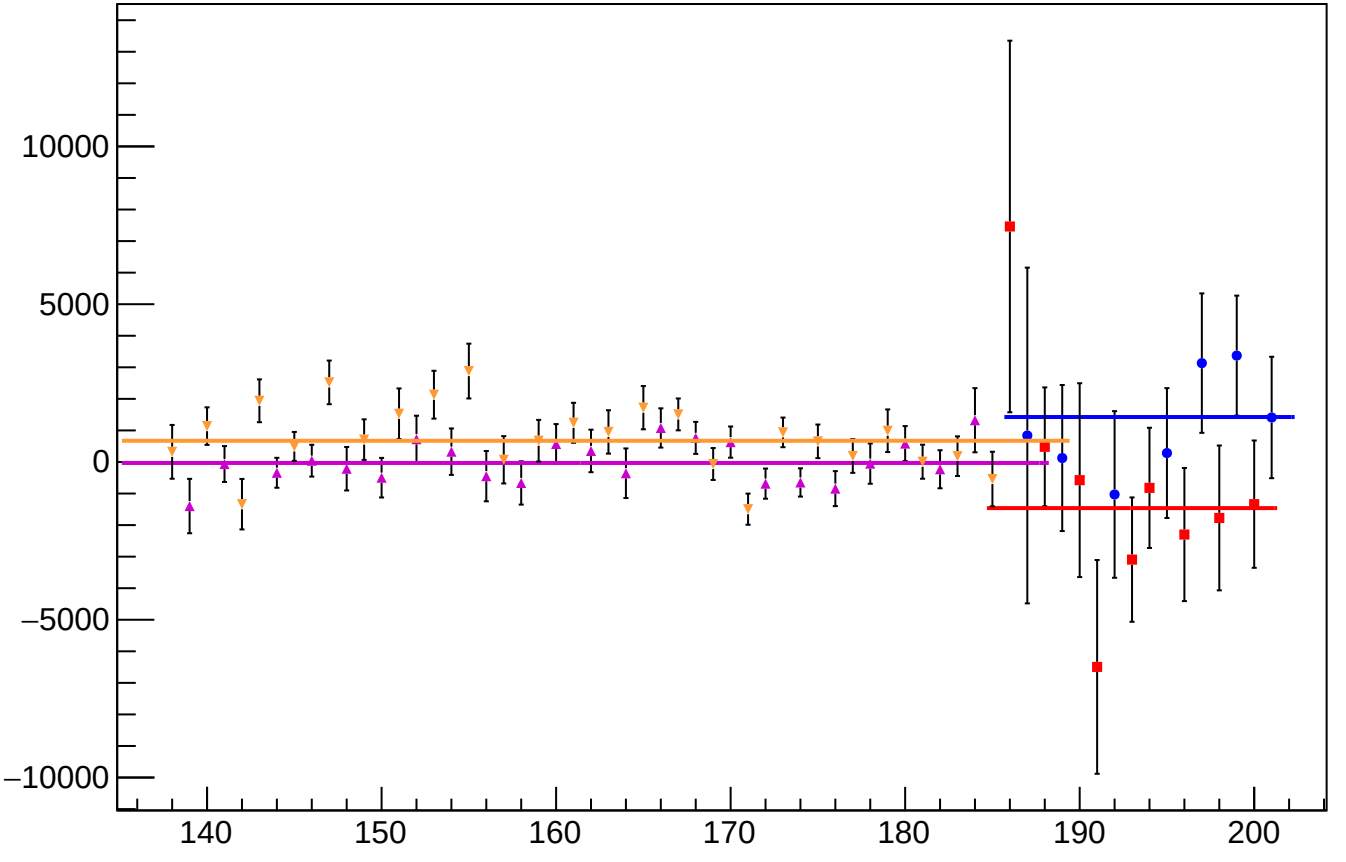
Right: 1810.869+/-0.405 χ^2/NDF: 273745.5/15

In: 544.584+/-0.088 χ^2/NDF:5312961.2/29

Out: 531.884+/-0.084 χ^2/NDF:7763318.8/33

All: 537.971+/-0.061 χ^2/NDF: 13087170.2/63

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 1424.706+/-859.575 χ^2/NDF: 3.1/6

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -1461.565+/-767.539 χ^2/NDF: 6.6/8

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

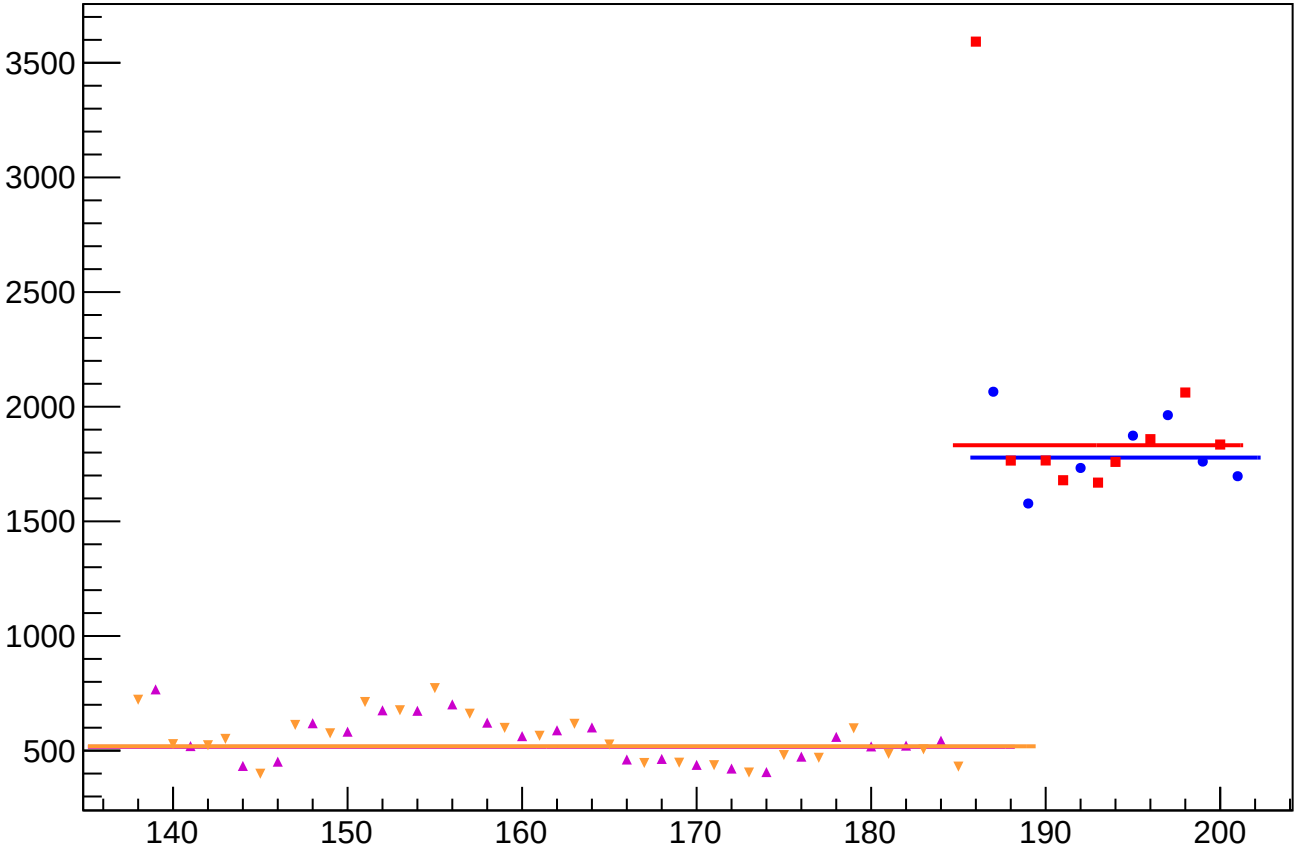
Right: -181.169+/-572.516 χ^2/NDF: 16.0/15

In: -0.796+/-123.928 χ^2/NDF:29.8/29

Out: 618.703+/-121.862 χ^2/NDF:76.9/33

All: 314.159+/-86.891 χ^2/NDF: 119.4/63

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1778.140+/-0.608 χ^2/NDF: 43489.5/6

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1831.973+/-0.543 χ^2/NDF: 223276.6/8

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

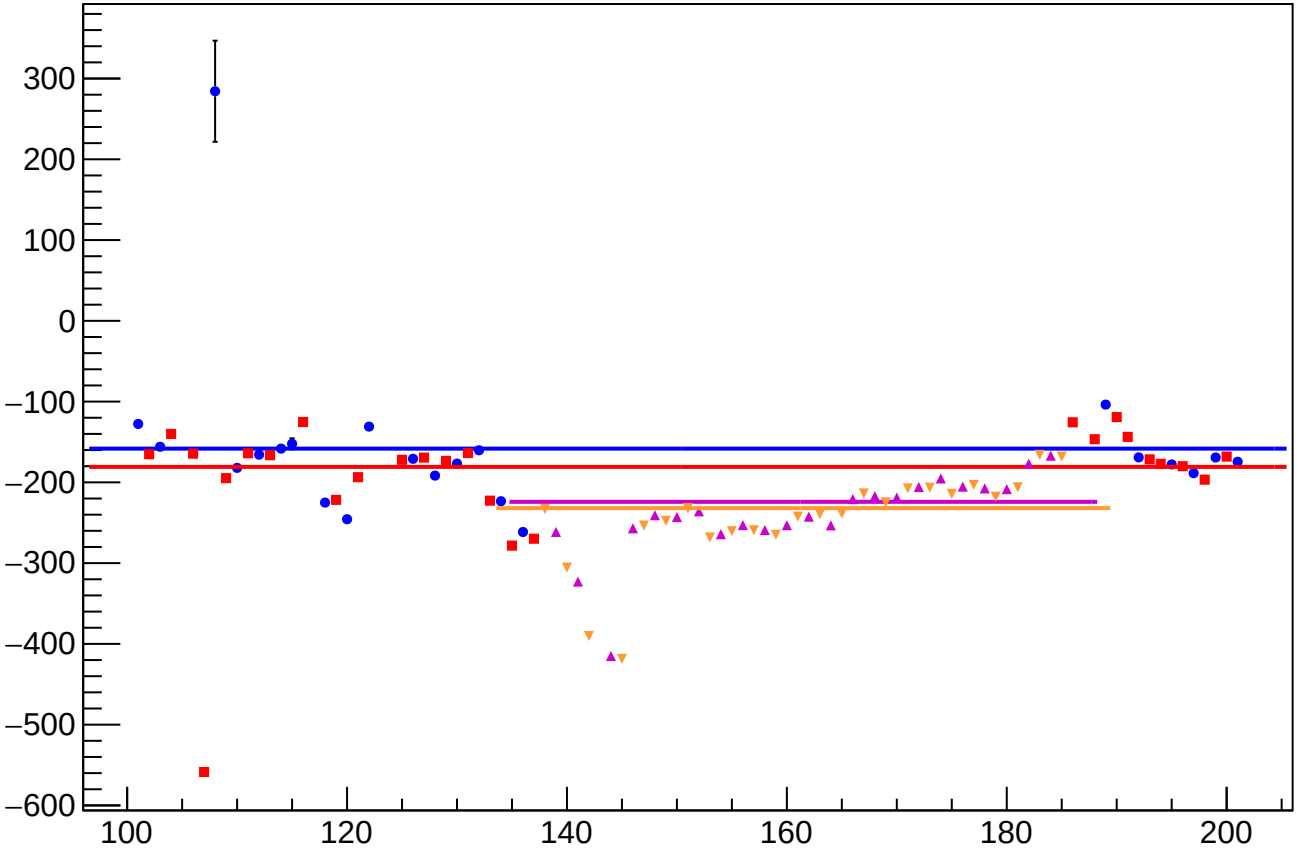
Right: 1808.092+/-0.405 χ^2/NDF: 271130.6/15

In: 542.817+/-0.088 χ^2/NDF:5297963.5/29

Out: 552.034+/-0.086 χ^2/NDF:7101412.9/33

All: 547.503+/-0.061 χ^2/NDF: 12405001.3/63

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 127093.7/21

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -180.845+/-0.090 χ^2/NDF: 166098.3/25

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

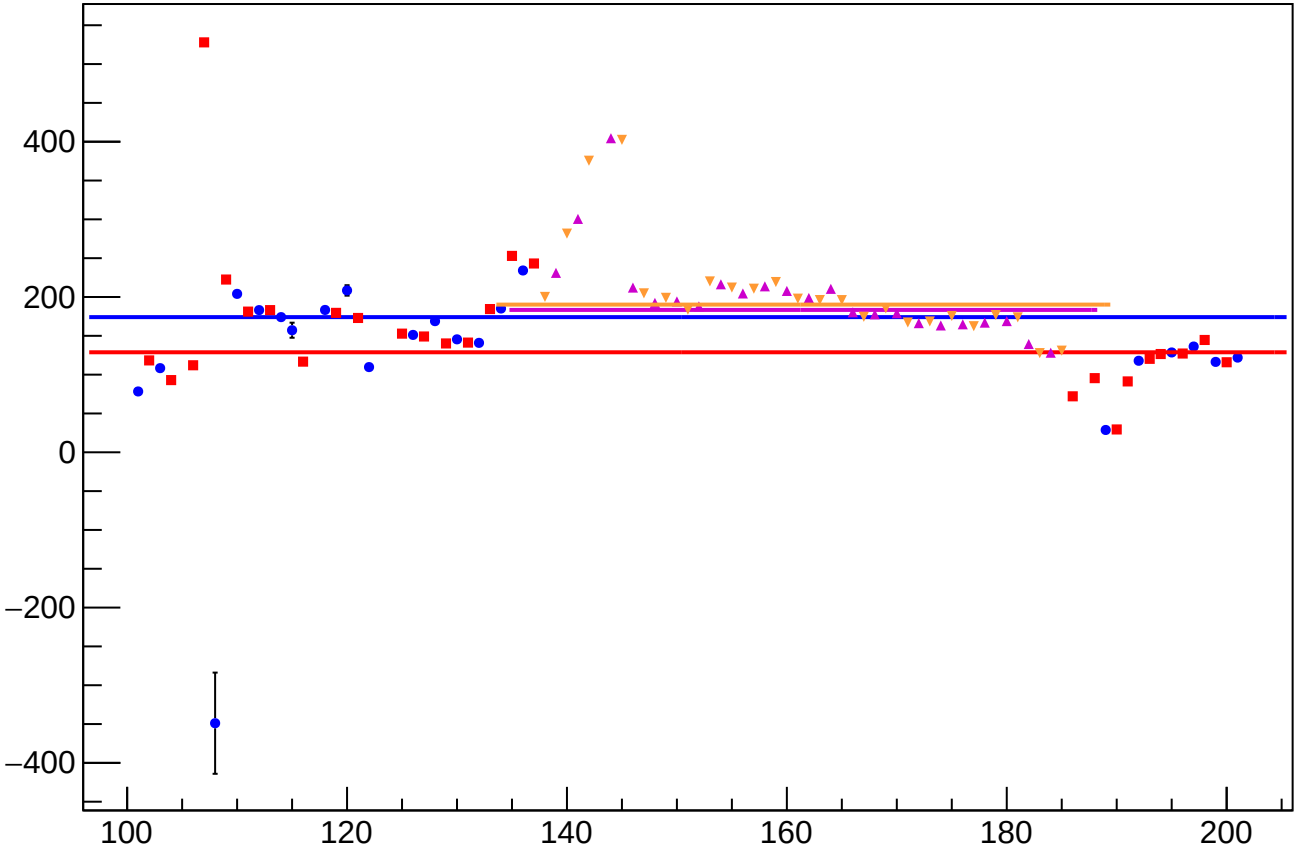
Right: -158.222+/-0.000 χ^2/NDF: 356380.1/47

In: -158.222+/-0.000 χ^2/NDF:729764.4/44

Out: -201.737+/-0.069 χ^2/NDF:408252.6/49

All: -158.222+/-0.000 χ^2/NDF: 1533687.9/94

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 160537.8/21

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 128.805+/-0.091 χ^2/NDF: 161973.0/25

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

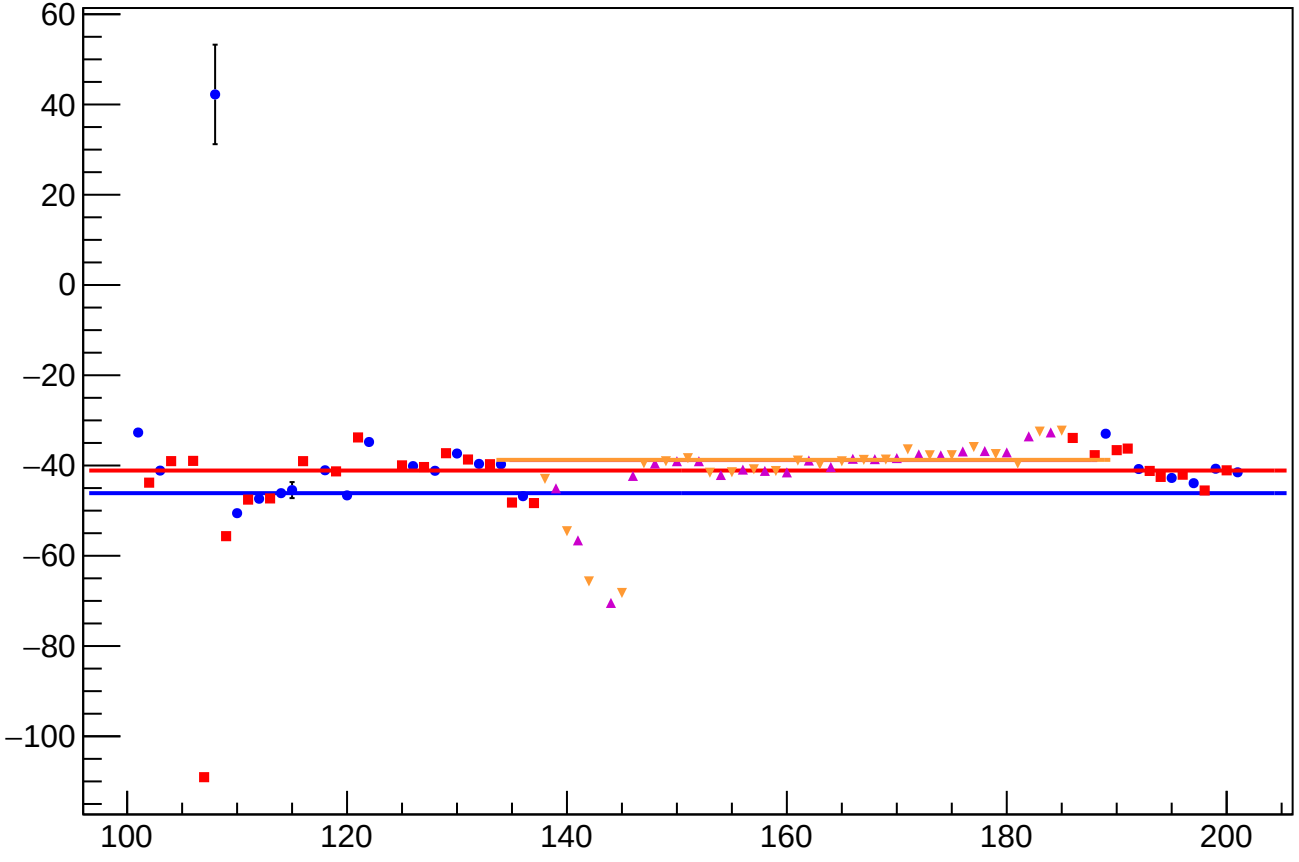
Right: 174.085+/-0.000 χ^2/NDF: 572432.9/47

In: 174.085+/-0.000 χ^2/NDF:324765.4/44

Out: 153.976+/-0.070 χ^2/NDF:449989.7/49

All: 174.085+/-0.000 χ^2/NDF: 858287.7/94

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 463146.3/21

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -41.113+/-0.011 χ^2/NDF: 305591.4/25

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

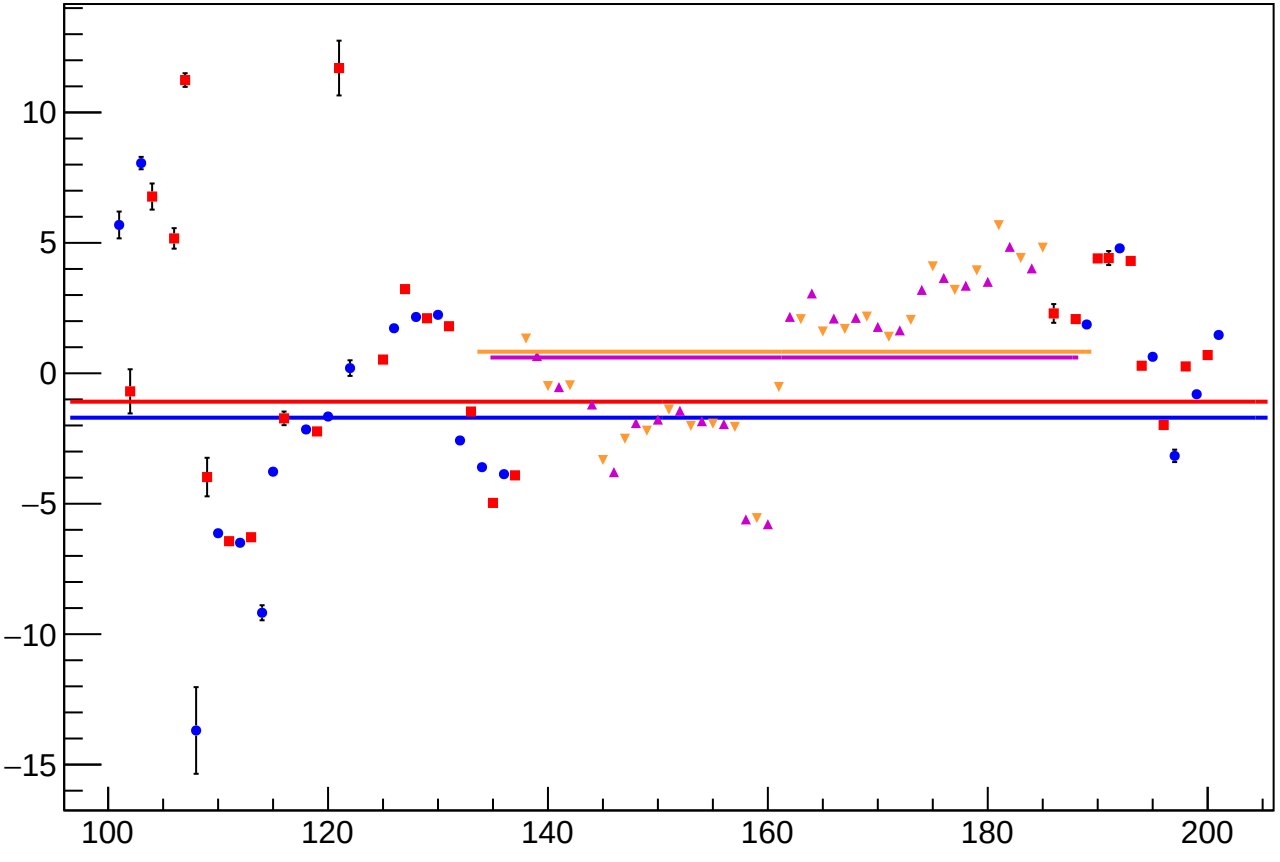
Right: -46.126+/-0.000 χ^2/NDF: 966710.0/47

In: -46.126+/-0.000 χ^2/NDF:2040874.4/44

Out: -39.252+/-0.005 χ^2/NDF:740939.9/49

All: -46.126+/-0.000 χ^2/NDF: 4522261.3/94

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -1.701+/-0.017 χ^2/NDF: 31707.5/21

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.088+/-0.019 χ^2/NDF: 35881.9/25

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

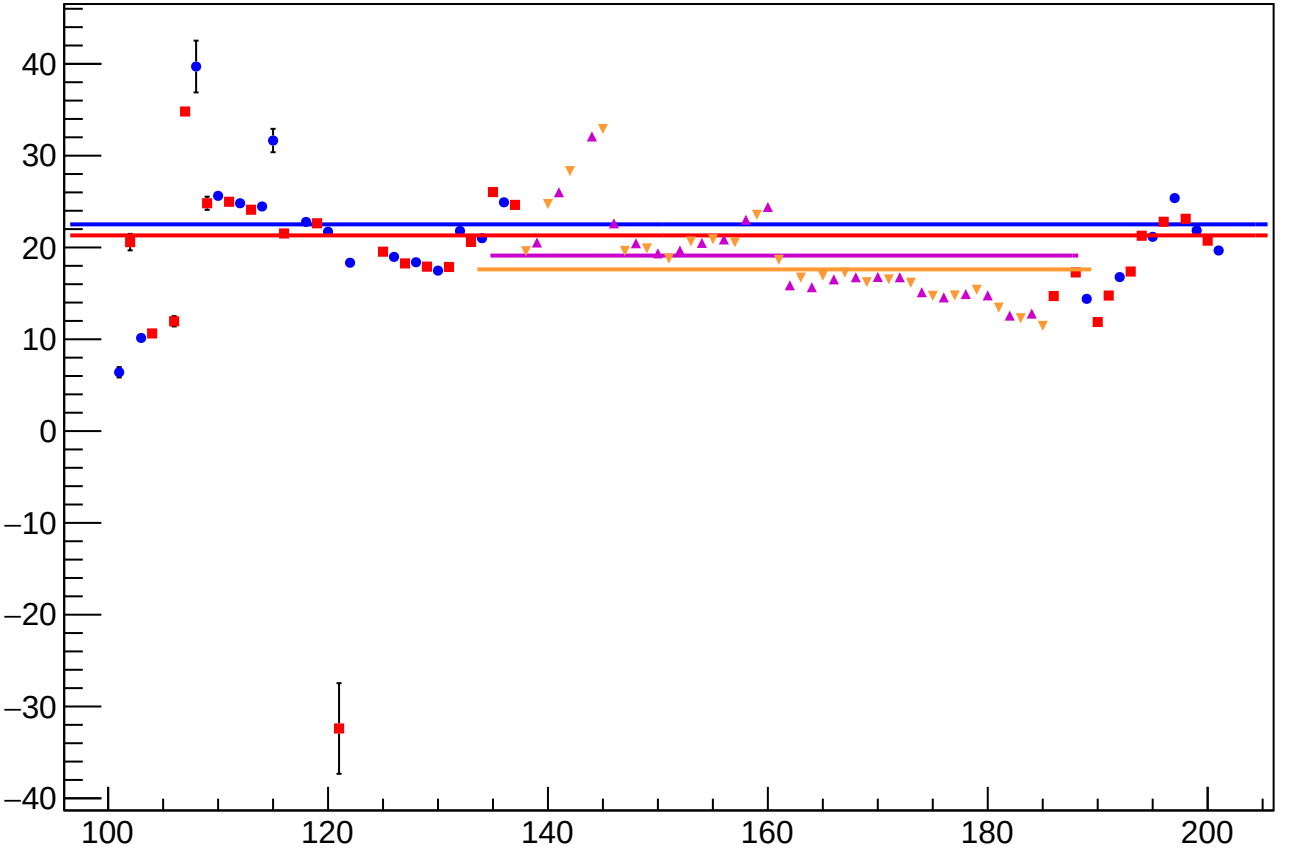
Right: -1.435+/-0.013 χ^2/NDF: 68159.6/47

In: 0.417+/-0.005 χ^2/NDF:380040.0/44

Out: 0.653+/-0.006 χ^2/NDF:300114.7/49

All: 0.513+/-0.004 χ^2/NDF: 681119.9/94

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.518+/-0.018 χ^2/NDF: 25868.5/21

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.315+/-0.019 χ^2/NDF: 28477.5/25

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

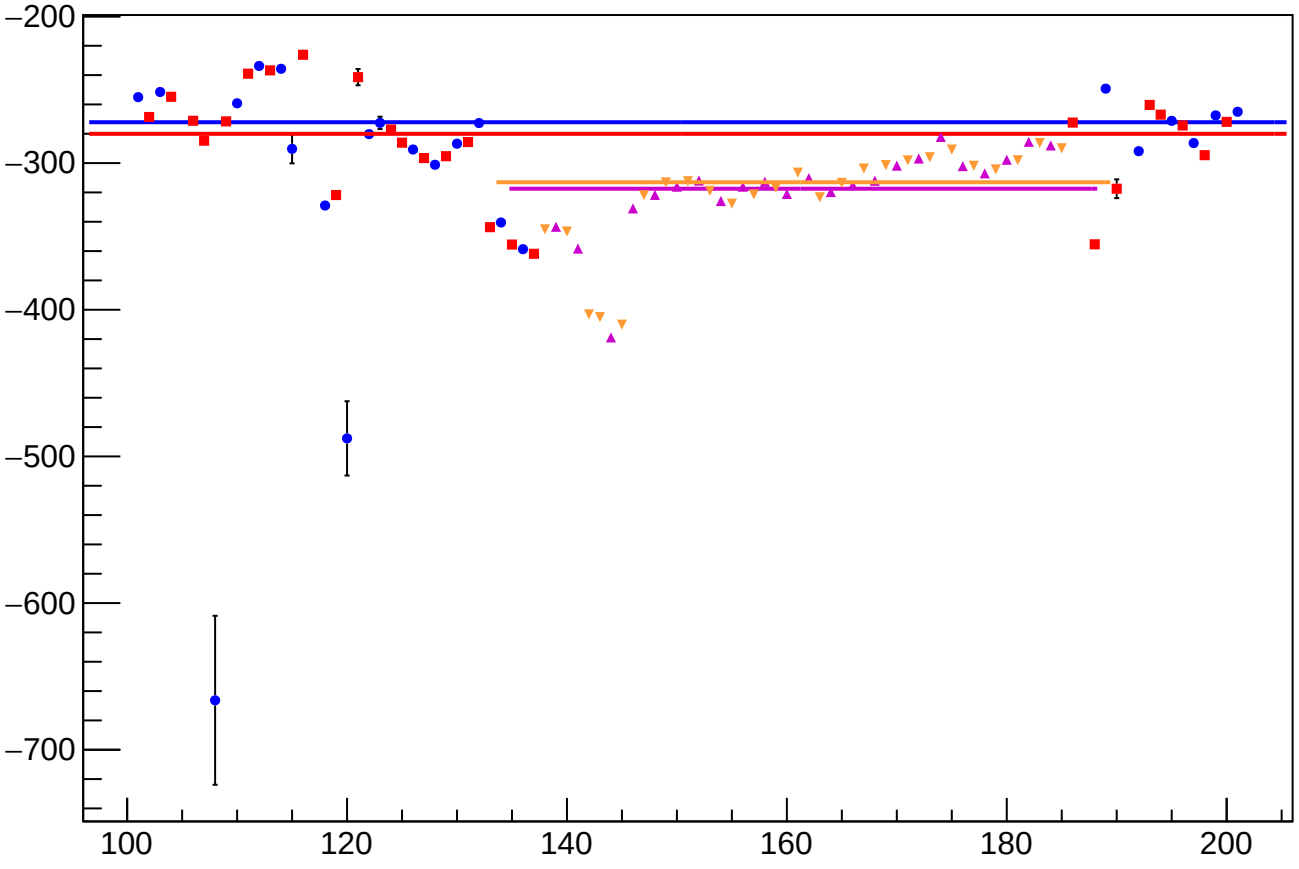
Right: 21.953+/-0.013 χ^2/NDF: 56443.5/47

In: 19.575+/-0.007 χ^2/NDF:286148.6/44

Out: 18.064+/-0.007 χ^2/NDF:239823.0/49

All: 18.829+/-0.005 χ^2/NDF: 551872.6/94

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -272.127+/-0.112 χ^2/NDF: 60729.5/22

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -280.045+/-0.098 χ^2/NDF: 66048.9/25

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

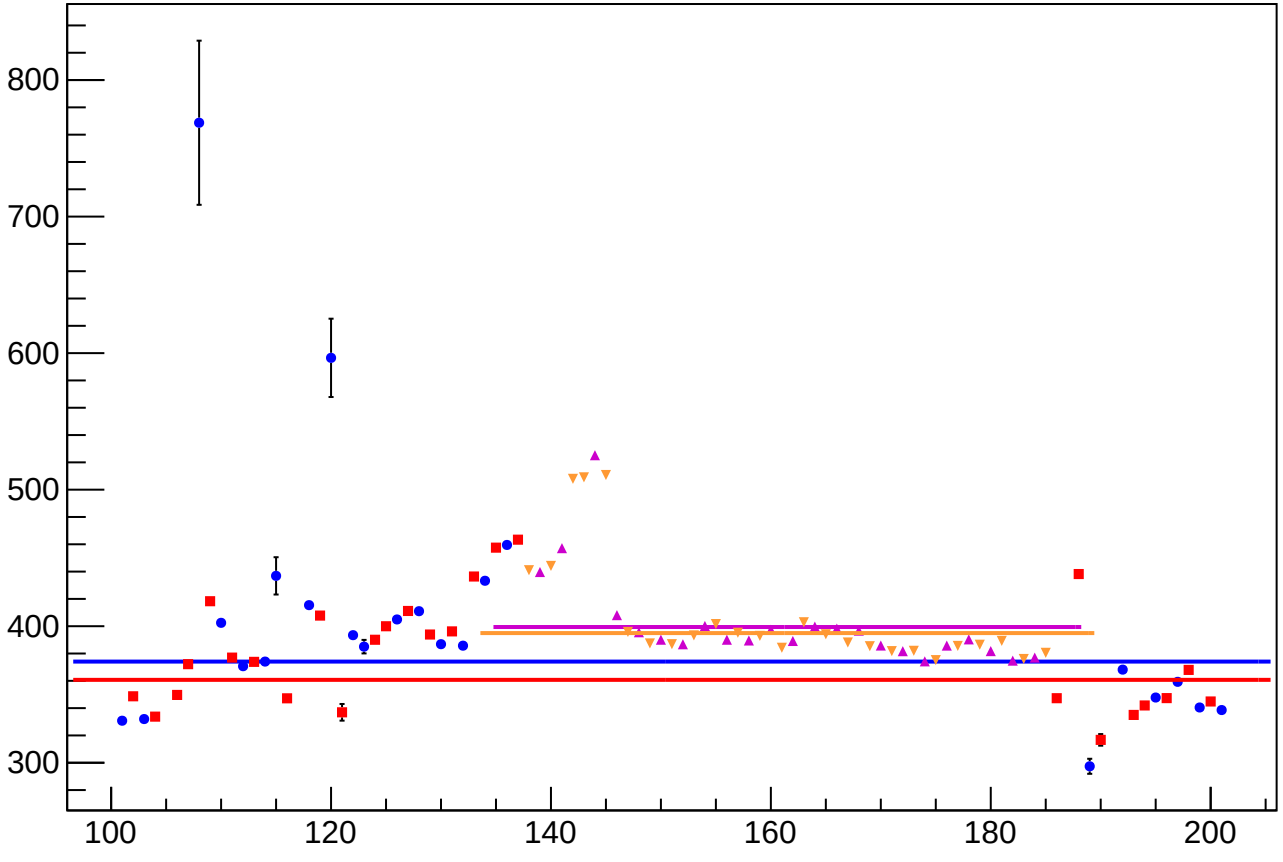
Right: -276.630+/-0.074 χ^2/NDF: 129597.0/48

In: -298.540+/-0.073 χ^2/NDF:218485.0/45

Out: -296.908+/-0.068 χ^2/NDF:178479.4/50

All: -297.676+/-0.050 χ^2/NDF: 397231.5/96

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 88047.4/22

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 360.712+/-0.098 χ^2/NDF: 96706.6/25

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

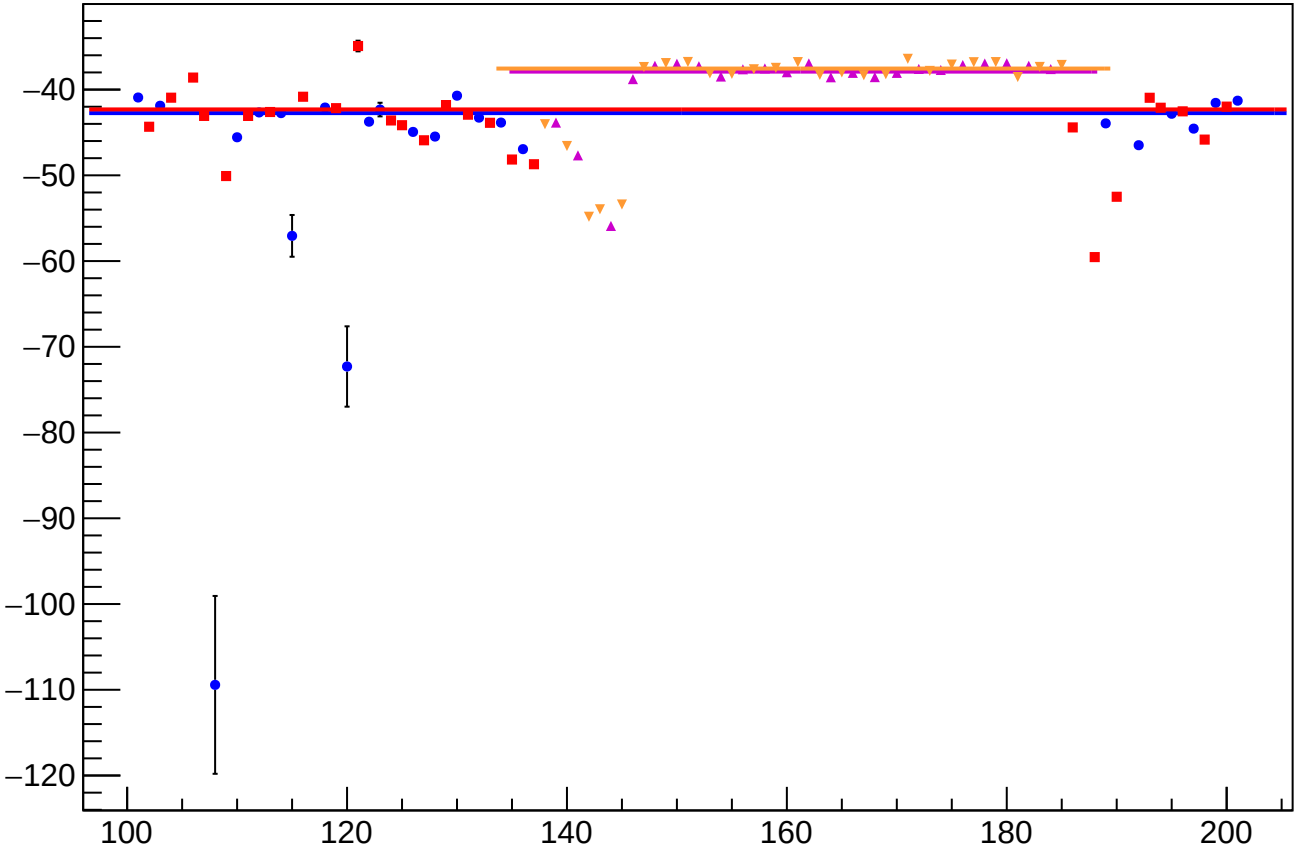
Right: 374.094+/-0.000 χ^2/NDF: 203584.7/48

In: 374.094+/-0.000 χ^2/NDF:233561.5/45

Out: 378.107+/-0.068 χ^2/NDF:227443.6/50

All: 374.094+/-0.000 χ^2/NDF: 464445.6/96

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 19089.0/22

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.313+/-0.012 χ^2/NDF: 24983.5/25

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

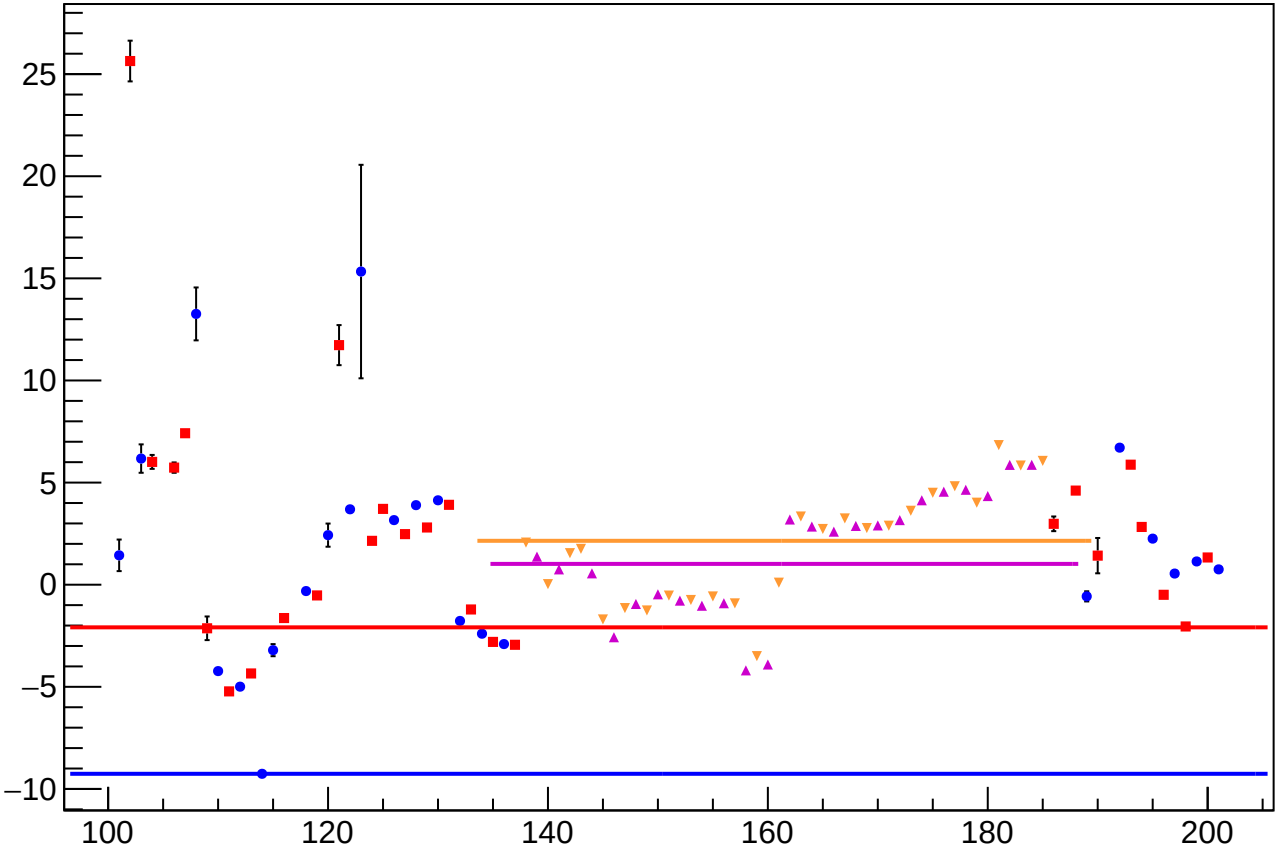
Right: -42.744+/-0.000 χ^2/NDF: 45454.1/48

In: -42.744+/-0.000 χ^2/NDF:1537943.2/45

Out: -38.018+/-0.004 χ^2/NDF:444600.4/50

All: -42.744+/-0.000 χ^2/NDF: 3666988.0/96

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 470017.4/22

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.088+/-0.008 χ^2/NDF: 69728.8/25

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

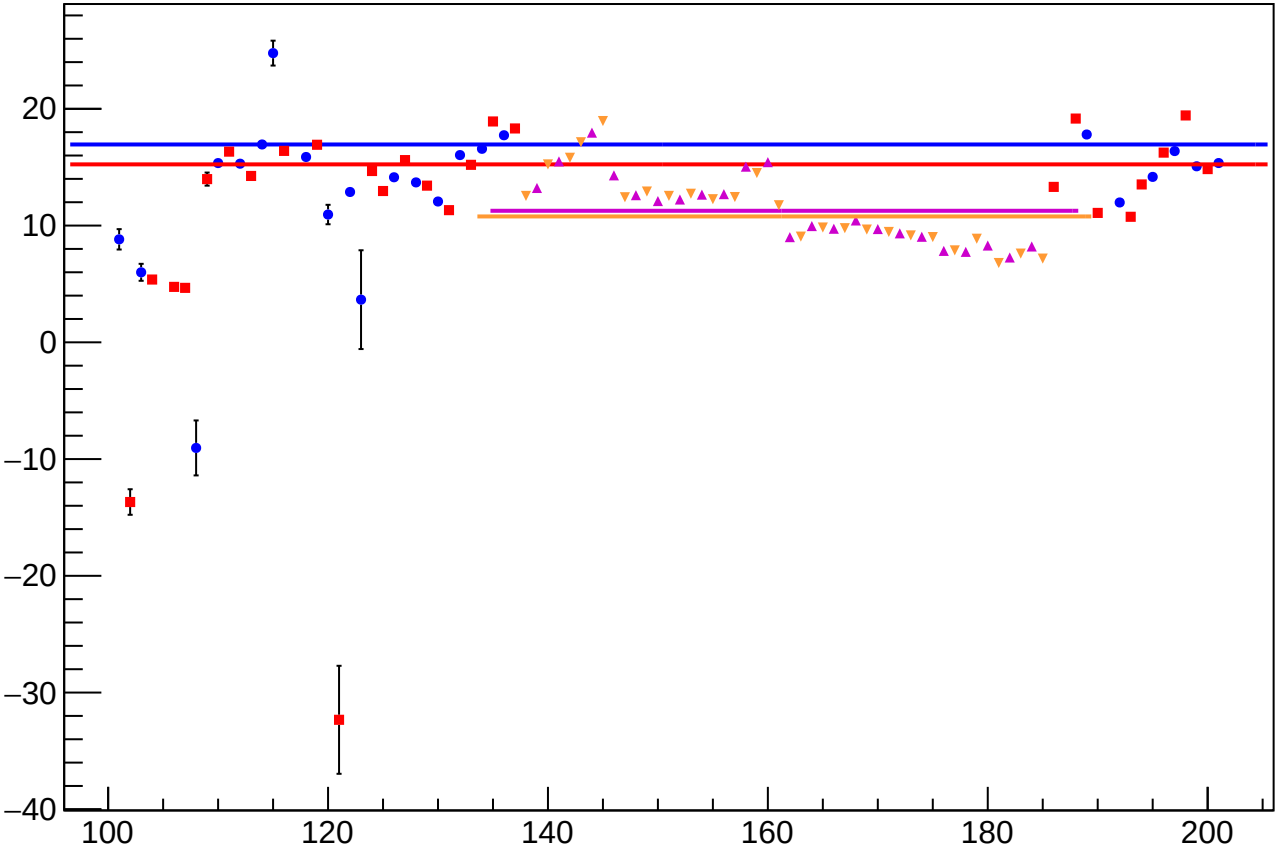
Right: -9.259+/-0.000 χ^2/NDF: 1442388.0/48

In: -9.259+/-0.000 χ^2/NDF:3968087.2/45

Out: 0.897+/-0.004 χ^2/NDF:582478.4/50

All: -9.259+/-0.000 χ^2/NDF: 10674055.4/96

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 13600.7/22

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.242+/-0.015 χ^2/NDF: 33905.4/25

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

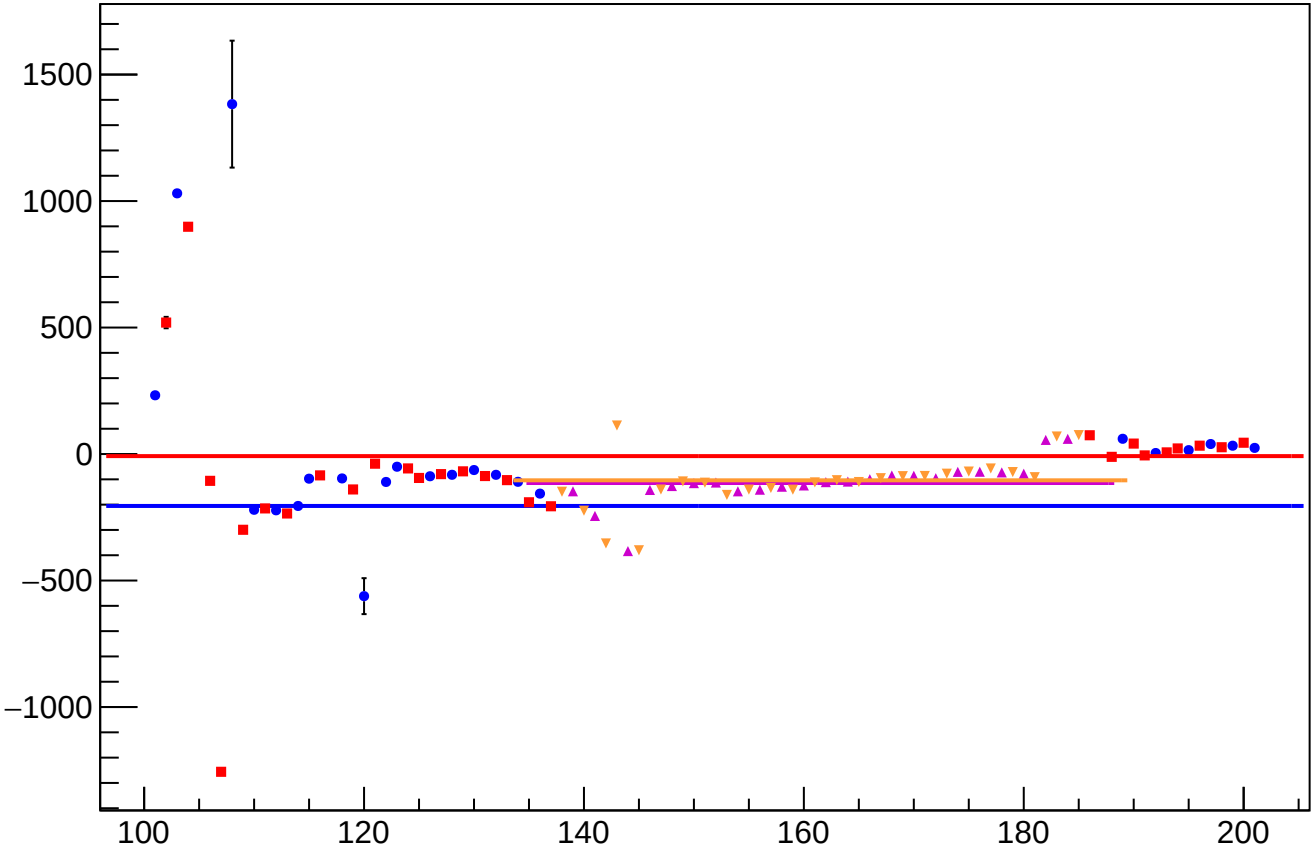
Right: 16.947+/-0.000 χ^2/NDF: 60528.7/48

In: 16.947+/-0.000 χ^2/NDF:636702.0/45

Out: 11.523+/-0.006 χ^2/NDF:237686.4/50

All: 16.947+/-0.000 χ^2/NDF: 1667986.2/96

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 1834808.1/22

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -8.160+/-0.205 χ^2/NDF: 183234.3/26

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

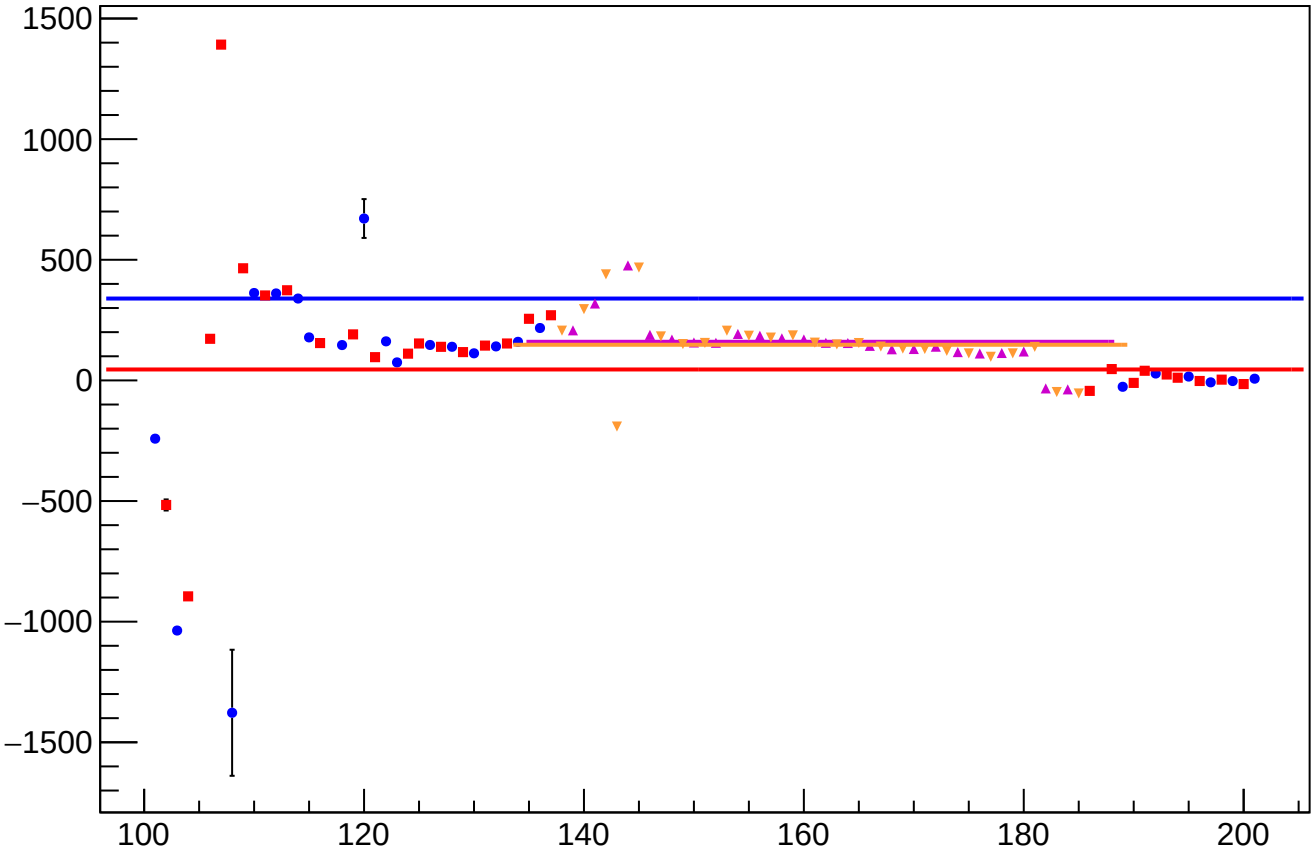
Right: -205.160+/-0.000 χ^2/NDF: 2942015.4/49

In: -205.160+/-0.000 χ^2/NDF:2074527.4/45

Out: -59.195+/-0.140 χ^2/NDF:394245.6/51

All: -205.160+/-0.000 χ^2/NDF: 3555856.5/97

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 2285948.0/22

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 45.324+/-0.200 χ^2/NDF: 276917.4/26

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

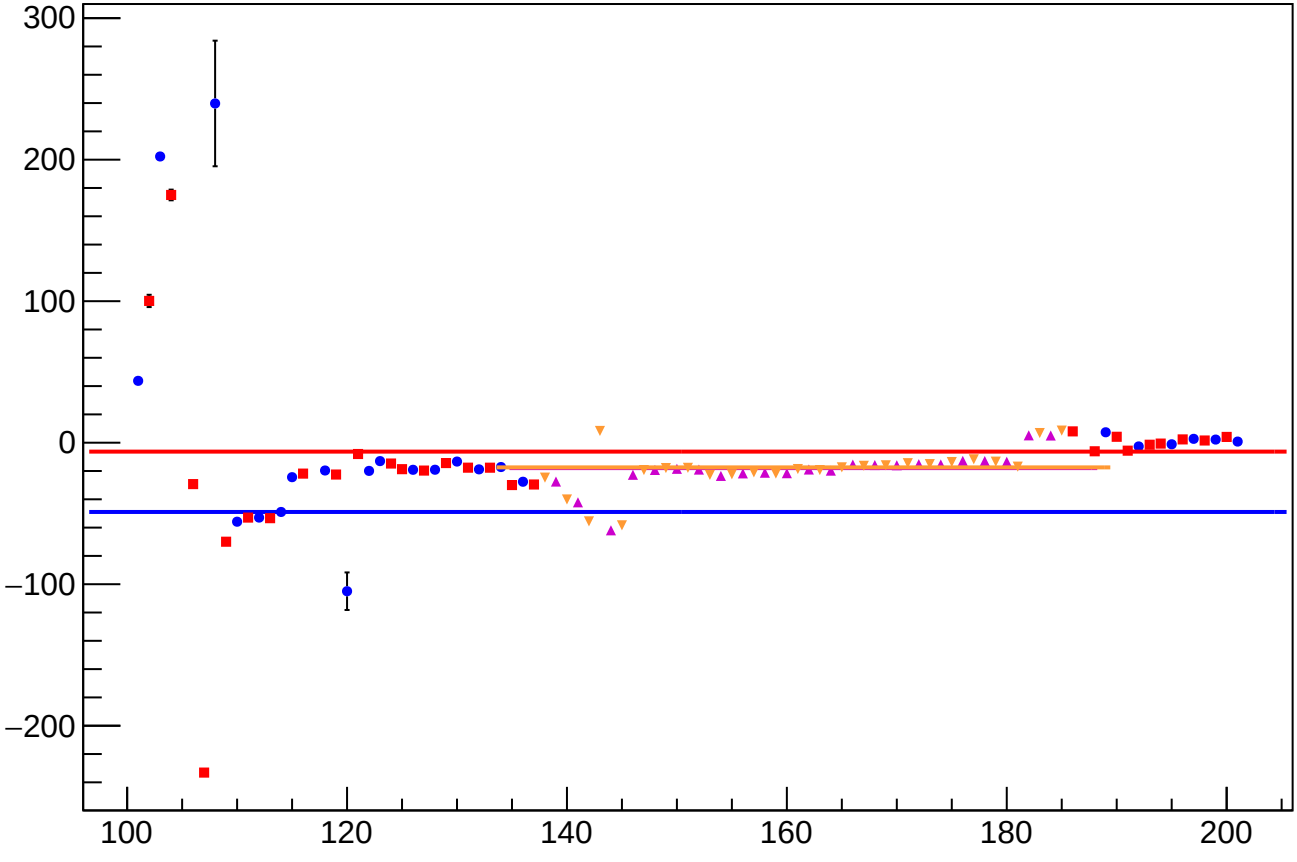
Right: 339.325+/-0.000 χ^2/NDF: 4715390.2/49

In: 339.325+/-0.000 χ^2/NDF:2978866.0/45

Out: 97.641+/-0.140 χ^2/NDF:544672.1/51

All: 339.325+/-0.000 χ^2/NDF: 6496214.6/97

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 7783660.3/22

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -6.299+/-0.027 χ^2/NDF: 400586.7/26

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

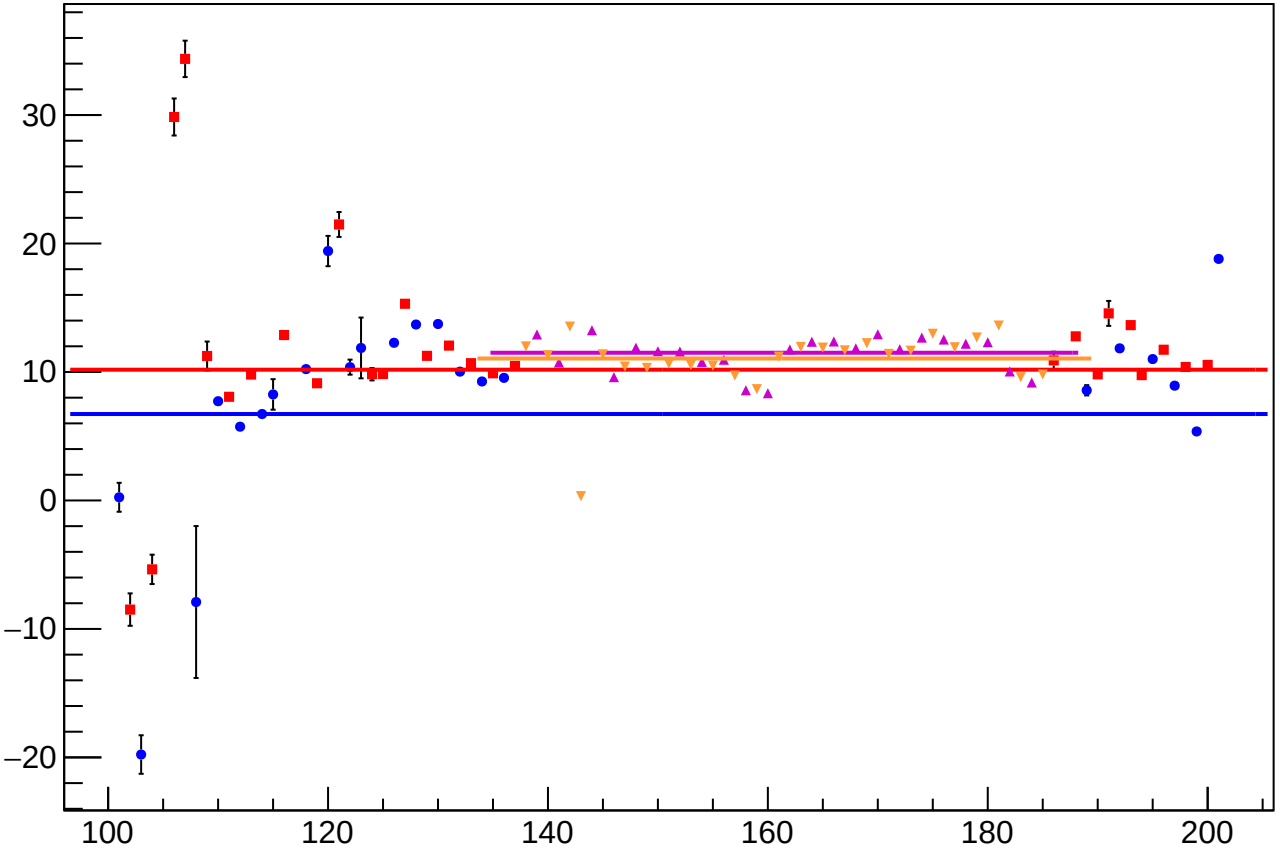
Right: -48.945+/-0.000 χ^2/NDF: 10753381.6/49

In: -48.945+/-0.000 χ^2/NDF:14422394.3/45

Out: -16.064+/-0.009 χ^2/NDF:1268394.5/51

All: -48.945+/-0.000 χ^2/NDF: 28009599.1/97

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 17613.1/22

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.178+/-0.033 χ^2/NDF: 6114.7/26

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

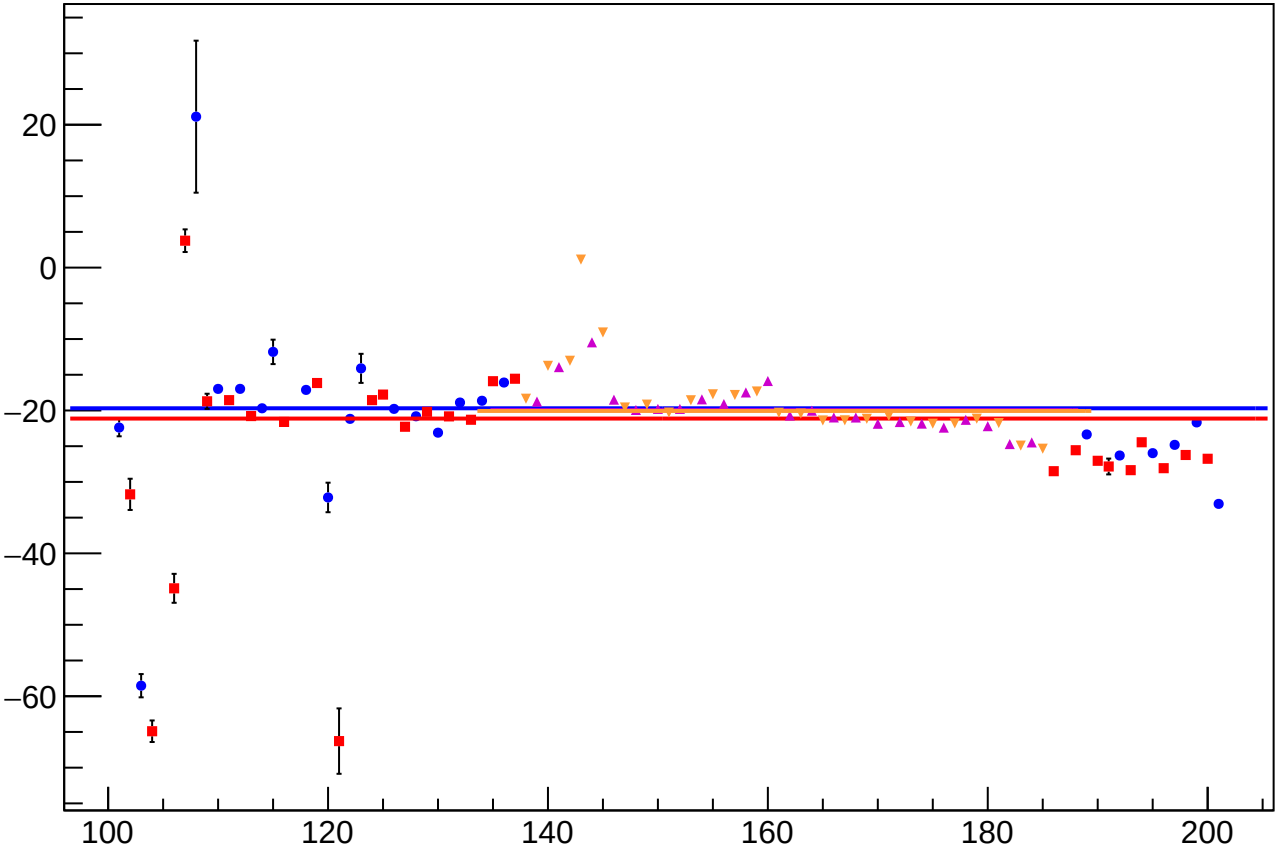
Right: 6.728+/-0.000 χ^2/NDF: 34614.0/49

In: 6.728+/-0.000 χ^2/NDF:242668.6/45

Out: 10.944+/-0.011 χ^2/NDF:38343.0/51

All: 6.728+/-0.000 χ^2/NDF: 415742.6/97

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 13960.7/22

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -21.131+/-0.043 χ^2/NDF: 7892.7/26

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

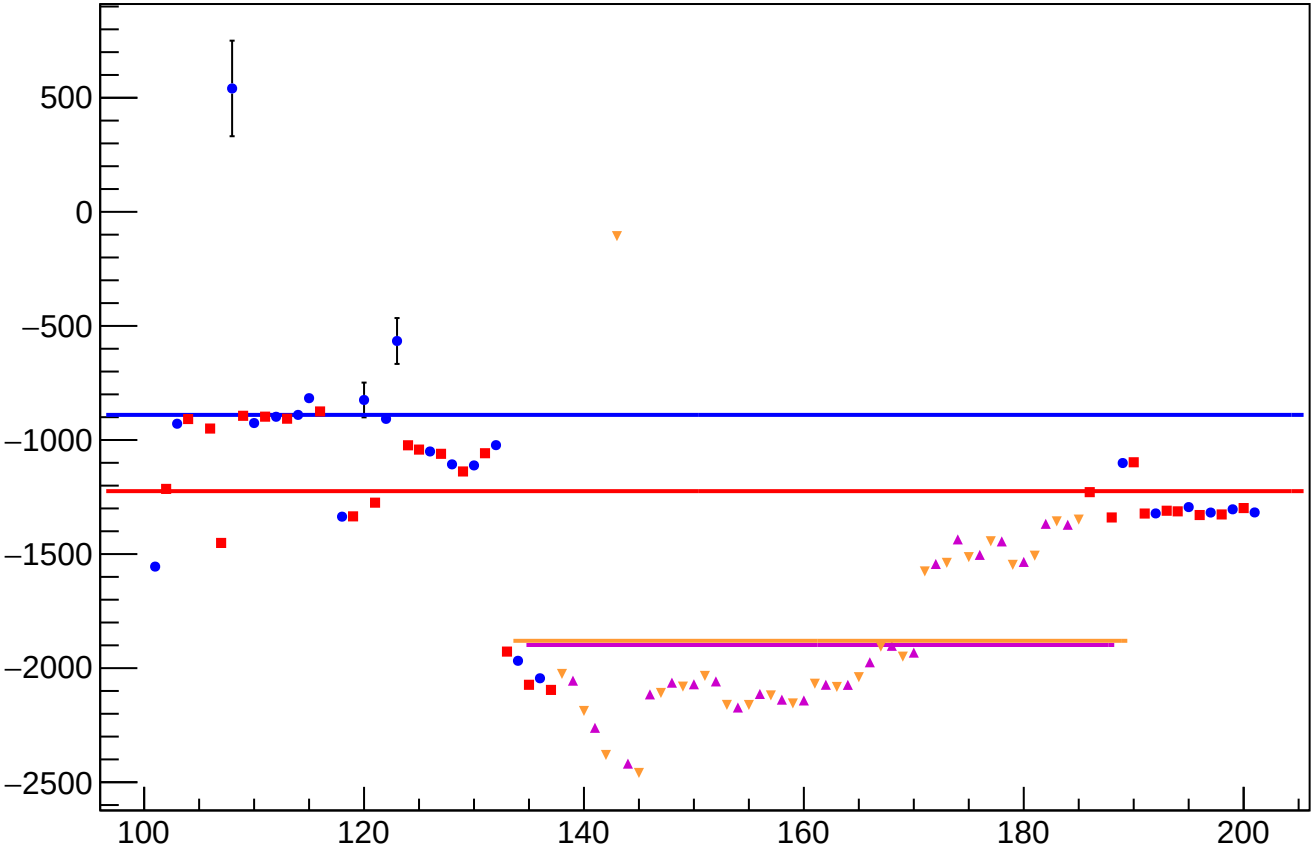
Right: -19.693+/-0.000 χ^2/NDF: 22972.7/49

In: -19.693+/-0.000 χ^2/NDF:36919.3/45

Out: -20.165+/-0.013 χ^2/NDF:79916.5/51

All: -19.693+/-0.000 χ^2/NDF: 118119.1/97

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 1842176.5/22

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1224.165+/-0.202 χ^2/NDF: 984026.2/26

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

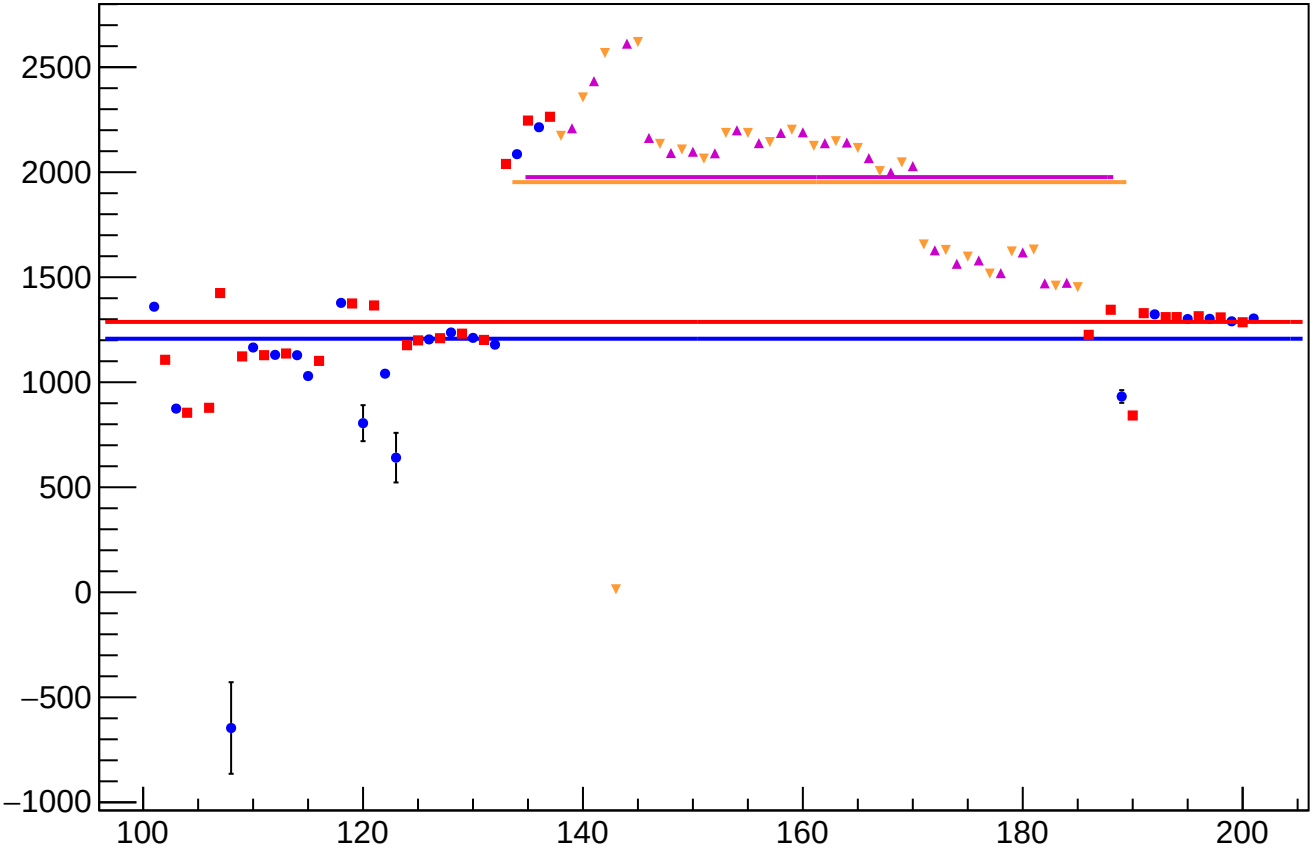
Right: -889.928+/-0.000 χ^2/NDF: 5560987.1/49

In: -889.928+/-0.000 χ^2/NDF:10228979.0/45

Out: -1386.162+/-0.175 χ^2/NDF:4458810.9/51

All: -889.928+/-0.000 χ^2/NDF: 22692804.2/9

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1207.148+/-0.208 χ^2/NDF: 586464.2/22

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1287.247+/-0.201 χ^2/NDF: 533993.3/26

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

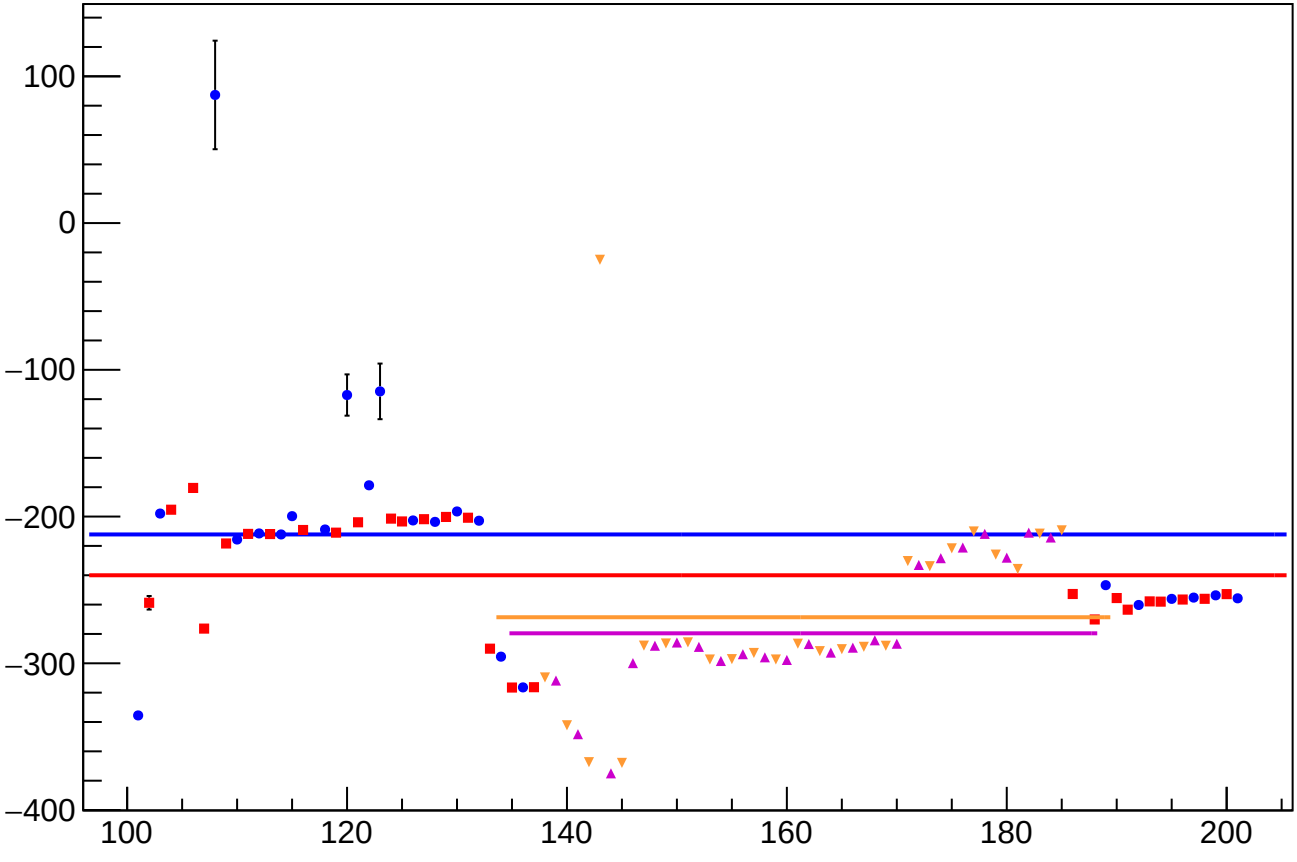
Right: 1248.574+/-0.145 χ^2/NDF: 1196992.2/49

In: 1394.326+/-0.181 χ^2/NDF:4534153.8/45

Out: 1449.703+/-0.175 χ^2/NDF:4025313.5/51

All: 1422.982+/-0.126 χ^2/NDF: 8607836.2/97

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1900783.2/22

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -240.009+/-0.026 χ^2/NDF: 966143.3/26

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

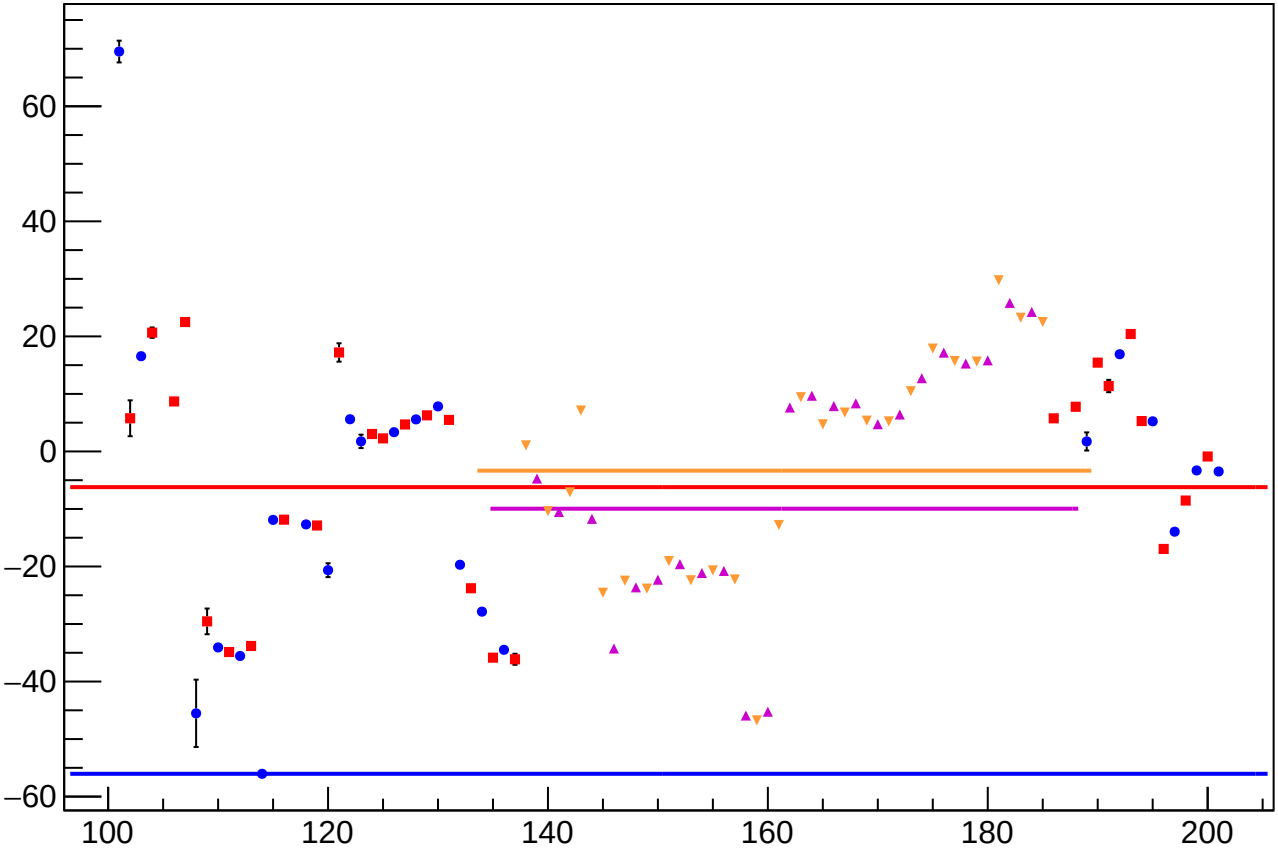
Right: -212.190+/-0.000 χ^2/NDF: 4044453.2/49

In: -212.190+/-0.000 χ^2/NDF:13870611.0/45

Out: -256.458+/-0.017 χ^2/NDF:8723747.4/51

All: -212.190+/-0.000 χ^2/NDF: 29612308.2/9

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1748901.0/22

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.204+/-0.039 χ^2/NDF: 188961.8/26

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

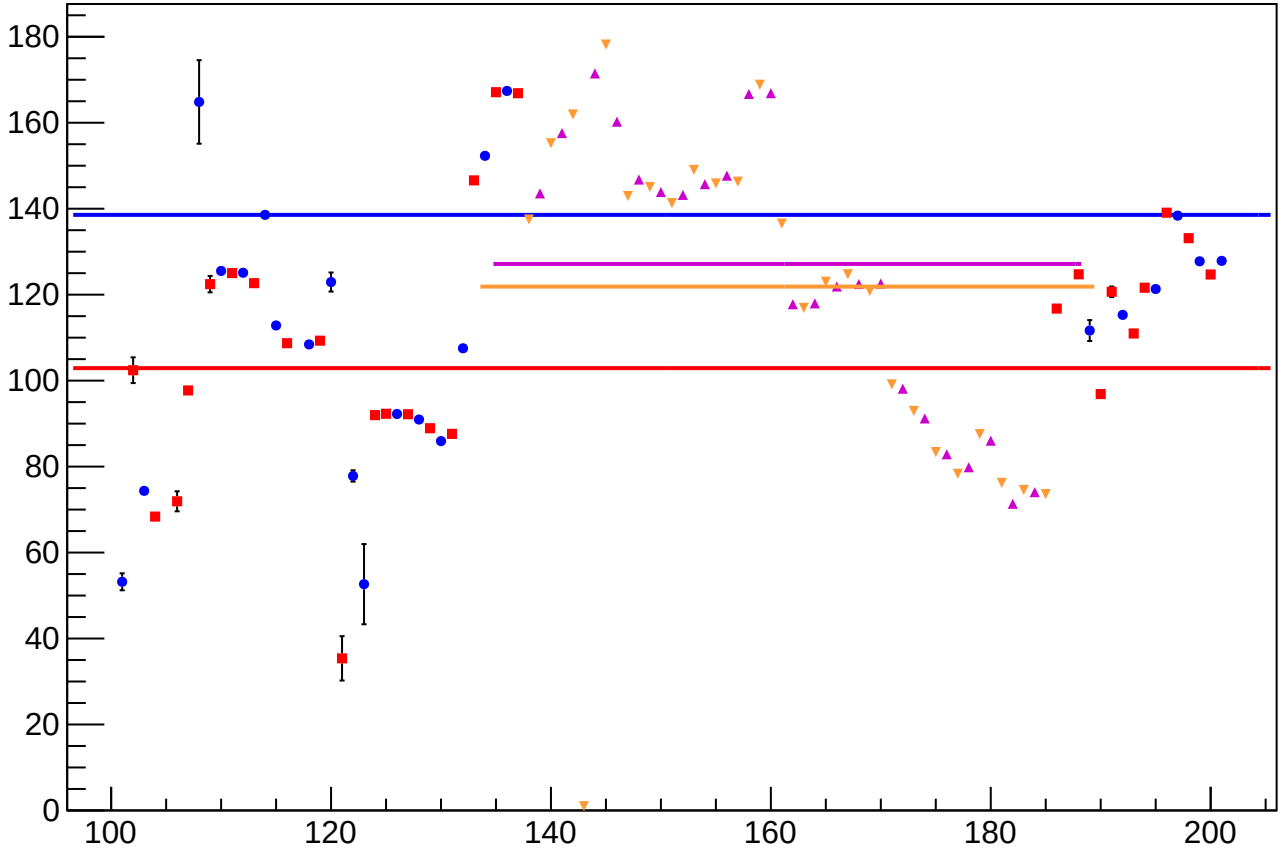
Right: -56.037+/-0.000 χ^2/NDF: 3561521.1/49

In: -56.037+/-0.000 χ^2/NDF:9663098.2/45

Out: -3.823+/-0.016 χ^2/NDF:1593166.2/51

All: -56.037+/-0.000 χ^2/NDF: 21863284.2/97

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 913760.6/22

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 102.905+/-0.032 χ^2/NDF: 358115.4/26

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

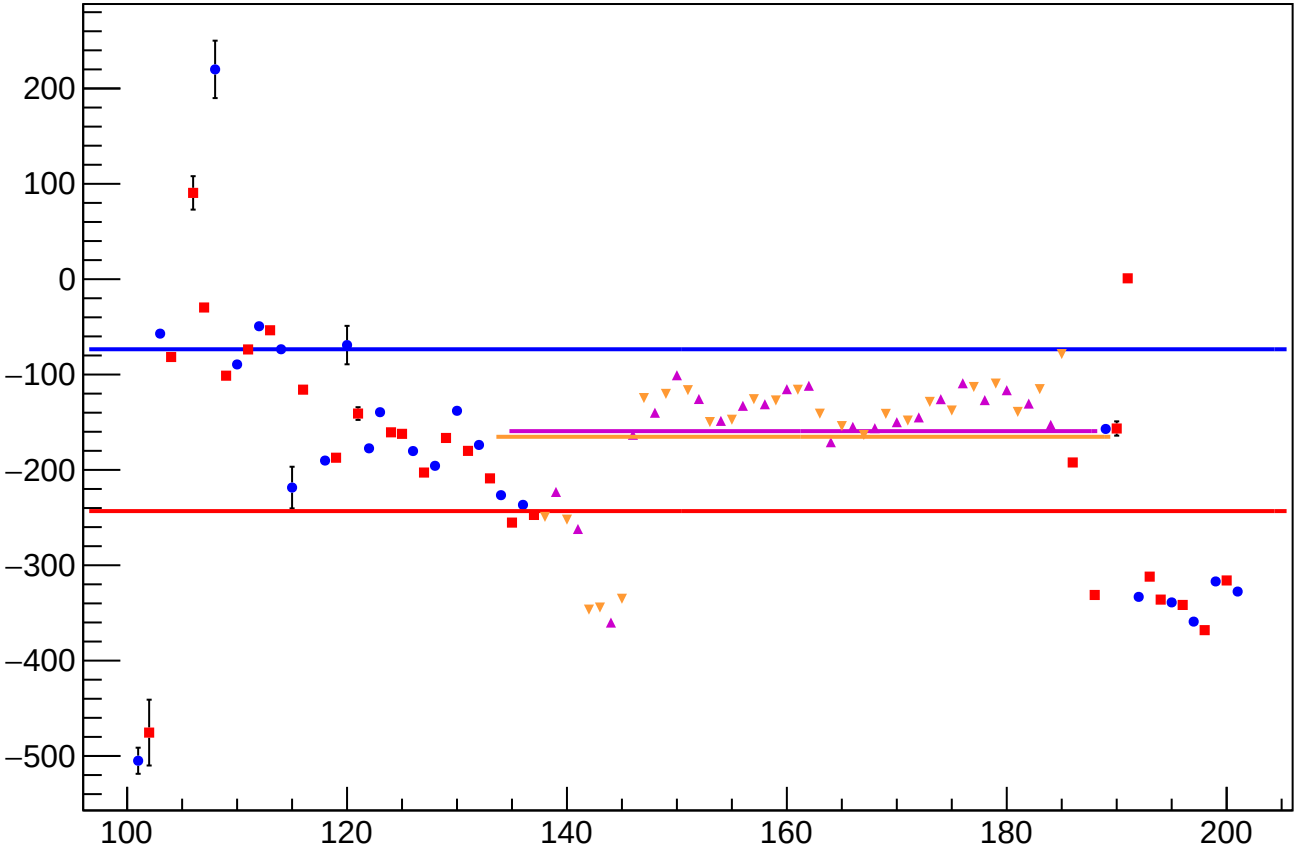
Right: 138.565+/-0.000 χ^2/NDF: 2539890.9/49

In: 138.565+/-0.000 χ^2/NDF:2444209.8/45

Out: 114.844+/-0.019 χ^2/NDF:2201323.7/51

All: 138.565+/-0.000 χ^2/NDF: 6159461.3/97

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 443201.9/22

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -243.198+/-0.230 χ^2/NDF: 213438.8/26

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

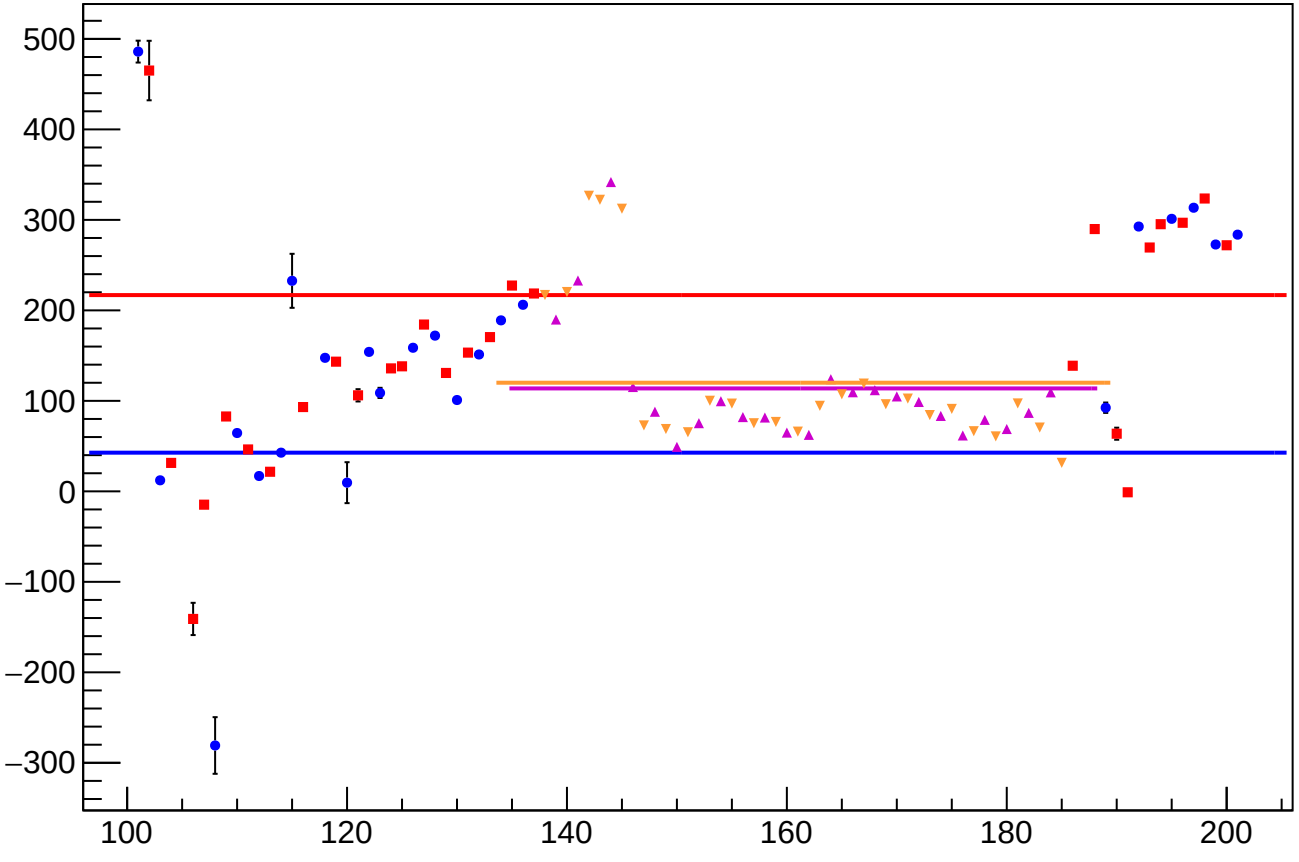
Right: -73.485+/-0.000 χ^2/NDF: 1200389.4/49

In: -73.485+/-0.000 χ^2/NDF:645993.2/45

Out: -204.507+/-0.163 χ^2/NDF:354652.6/51

All: -73.485+/-0.000 χ^2/NDF: 1644396.9/97

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 419039.9/22

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 216.888+/-0.235 χ^2/NDF: 170919.0/26

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

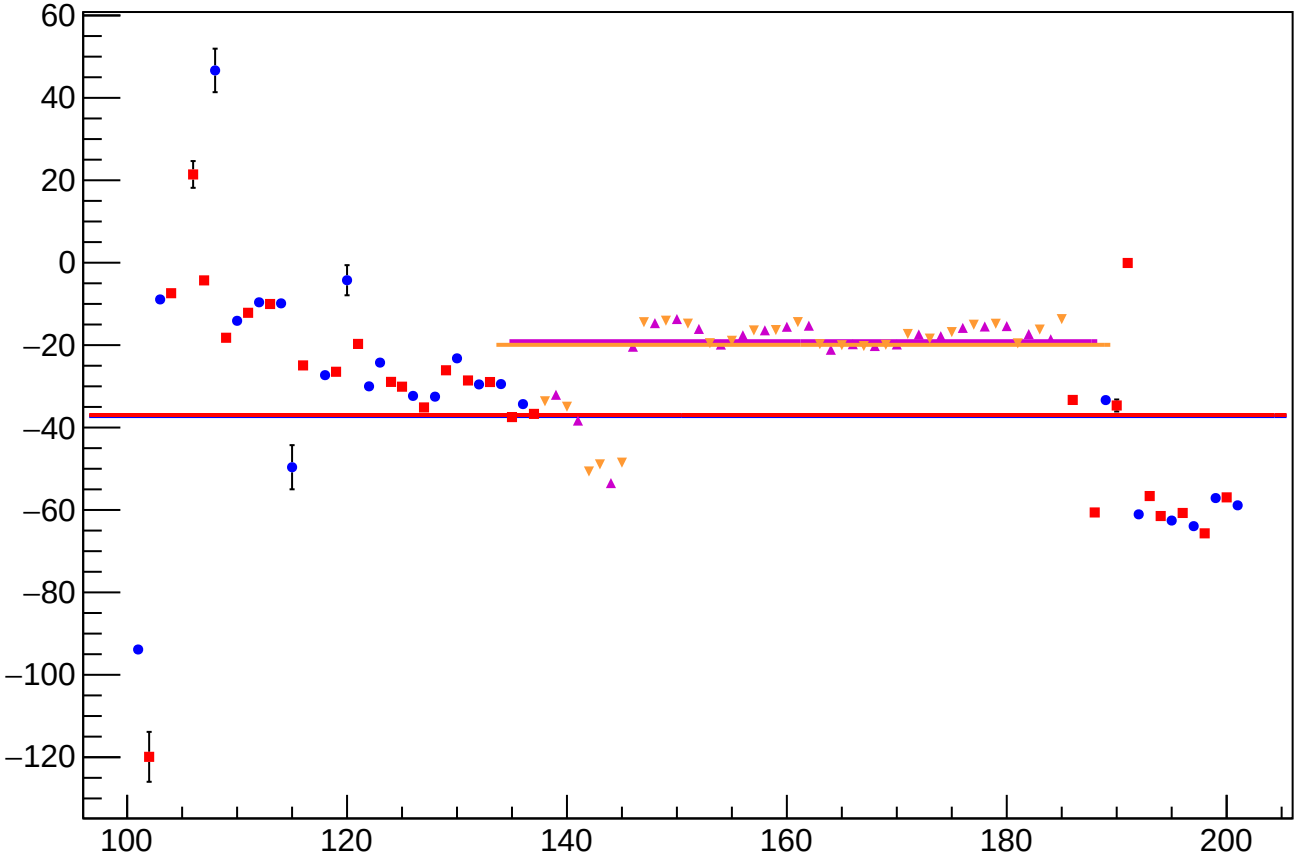
Right: 42.743+/-0.000 χ^2/NDF: 1136880.5/49

In: 42.743+/-0.000 χ^2/NDF:583989.4/45

Out: 168.778+/-0.167 χ^2/NDF:352864.1/51

All: 42.743+/-0.000 χ^2/NDF: 1506187.9/97

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -37.216+/-0.029 χ^2/NDF: 260090.4/22

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -36.954+/-0.027 χ^2/NDF: 651878.7/26

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

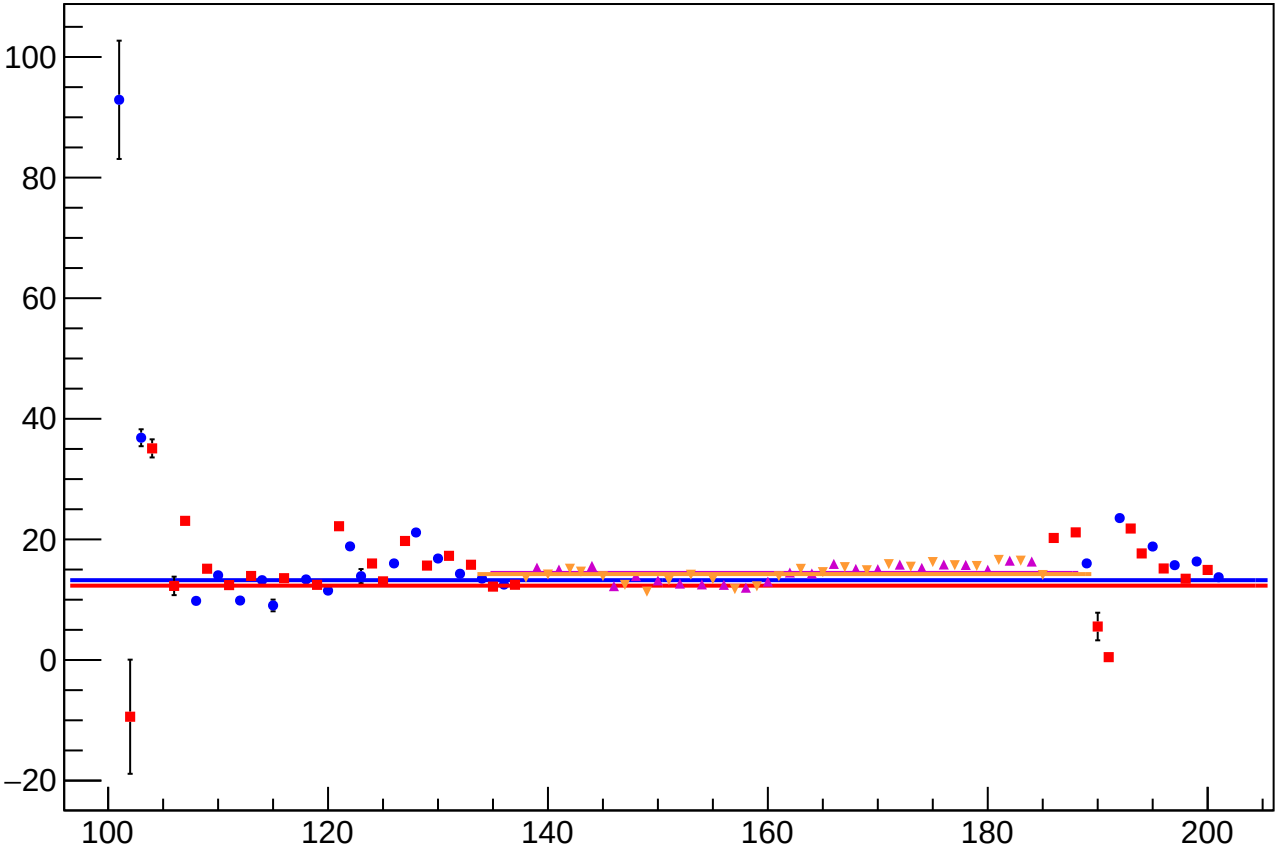
Right: -37.072+/-0.020 χ^2/NDF: 912012.6/49

In: -22.391+/-0.013 χ^2/NDF:787169.3/45

Out: -22.896+/-0.011 χ^2/NDF:1363274.2/51

All: -22.674+/-0.008 χ^2/NDF: 2151344.6/97

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 8005.6/22

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.331+/-0.039 χ^2/NDF: 24710.7/26

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

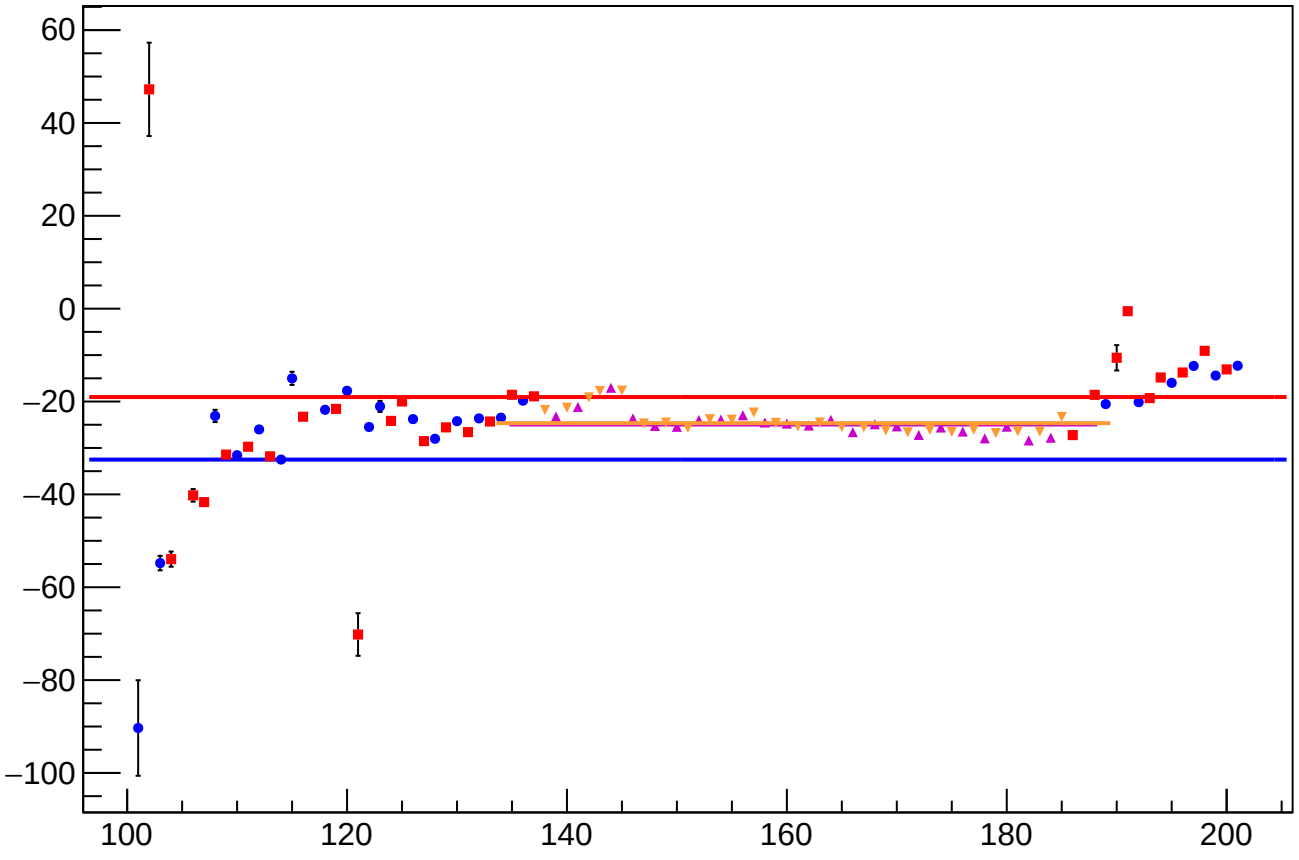
Right: 13.238+/-0.000 χ^2/NDF: 33267.5/49

In: 13.238+/-0.000 χ^2/NDF:31627.4/45

Out: 14.077+/-0.011 χ^2/NDF:39319.1/51

All: 13.238+/-0.000 χ^2/NDF: 76326.5/97

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 92595.9/22

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -19.033+/-0.039 χ^2/NDF: 65741.3/26

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

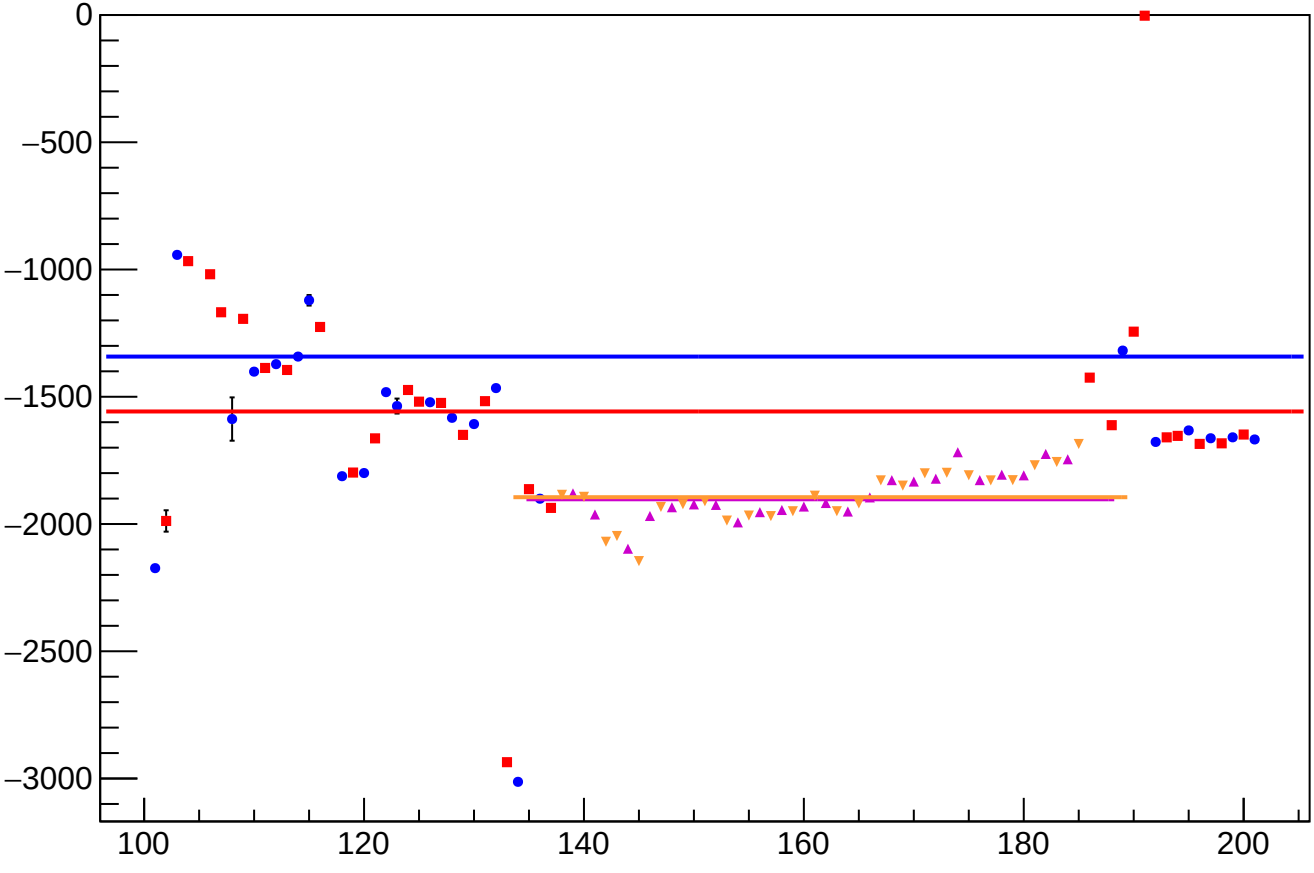
Right: -32.504+/-0.000 χ^2/NDF: 277672.7/49

In: -32.504+/-0.000 χ^2/NDF:354546.8/45

Out: -23.931+/-0.014 χ^2/NDF:106898.4/51

All: -32.504+/-0.000 χ^2/NDF: 838011.6/97

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 868902.8/22

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1557.793+/-0.239 χ^2/NDF: 1987465.7/26

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

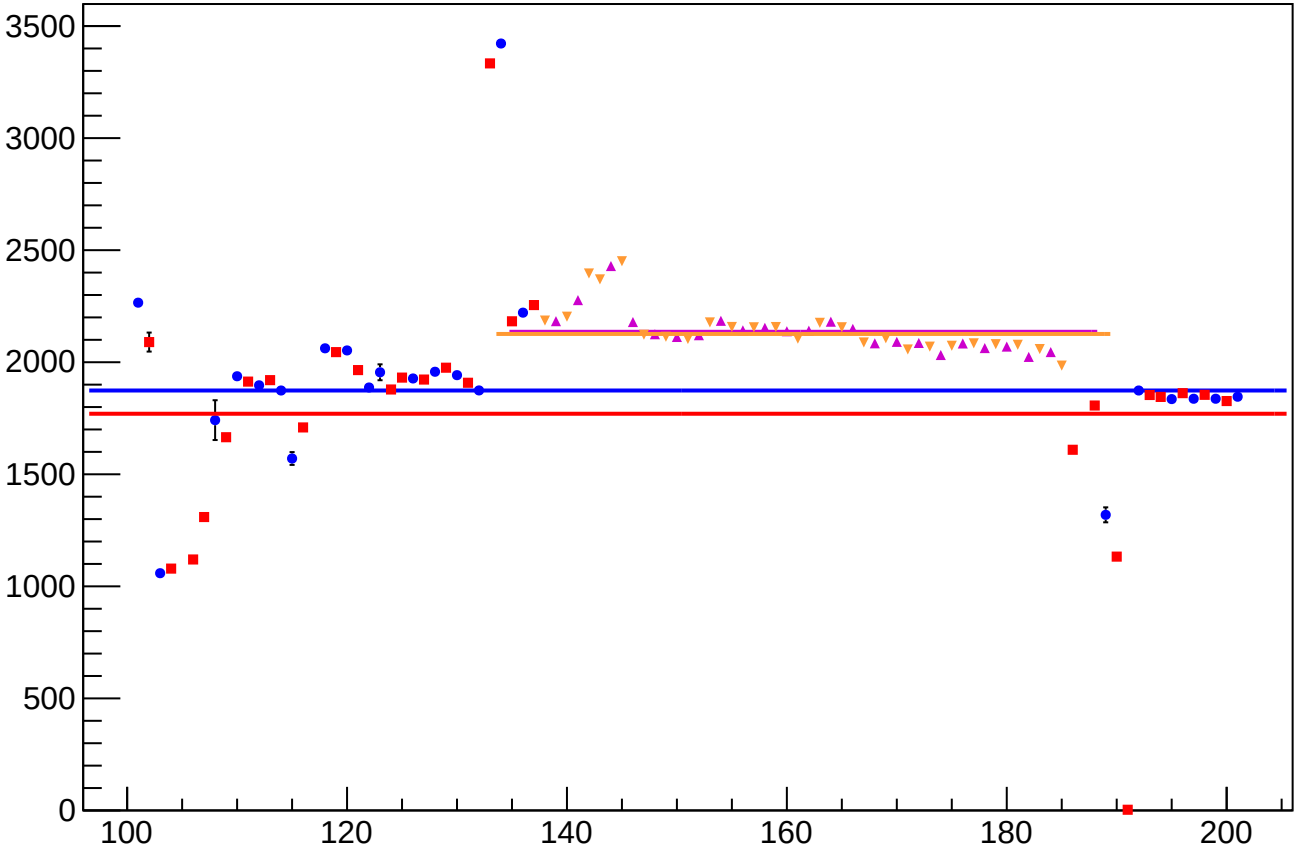
Right: -1342.107+/-0.000 χ^2/NDF: 3673605.5/49

In: -1342.107+/-0.000 χ^2/NDF:4708198.1/45

Out: -1679.226+/-0.191 χ^2/NDF:2773442.9/51

All: -1342.107+/-0.000 χ^2/NDF: 10603585.0/

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 206371.3/22

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1770.120+/-0.237 χ^2/NDF: 3348772.7/26

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

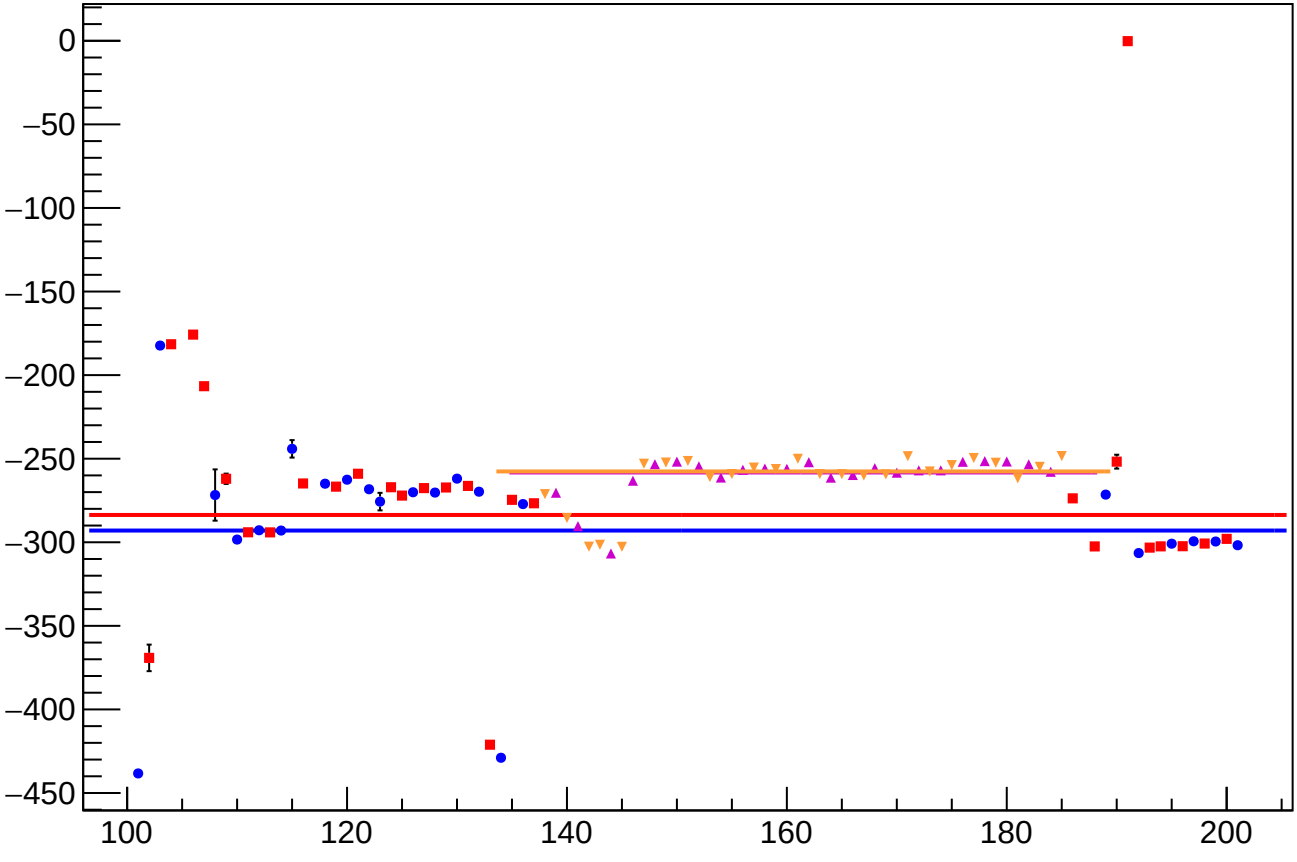
Right: 1873.852+/-0.000 χ^2/NDF: 3747485.3/49

In: 1873.852+/-0.000 χ^2/NDF:1082849.2/45

Out: 1897.301+/-0.190 χ^2/NDF:4206433.7/51

All: 1873.852+/-0.000 χ^2/NDF: 5304574.7/97

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1062560.5/22

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -283.662+/-0.032 χ^2/NDF: 1987417.9/26

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

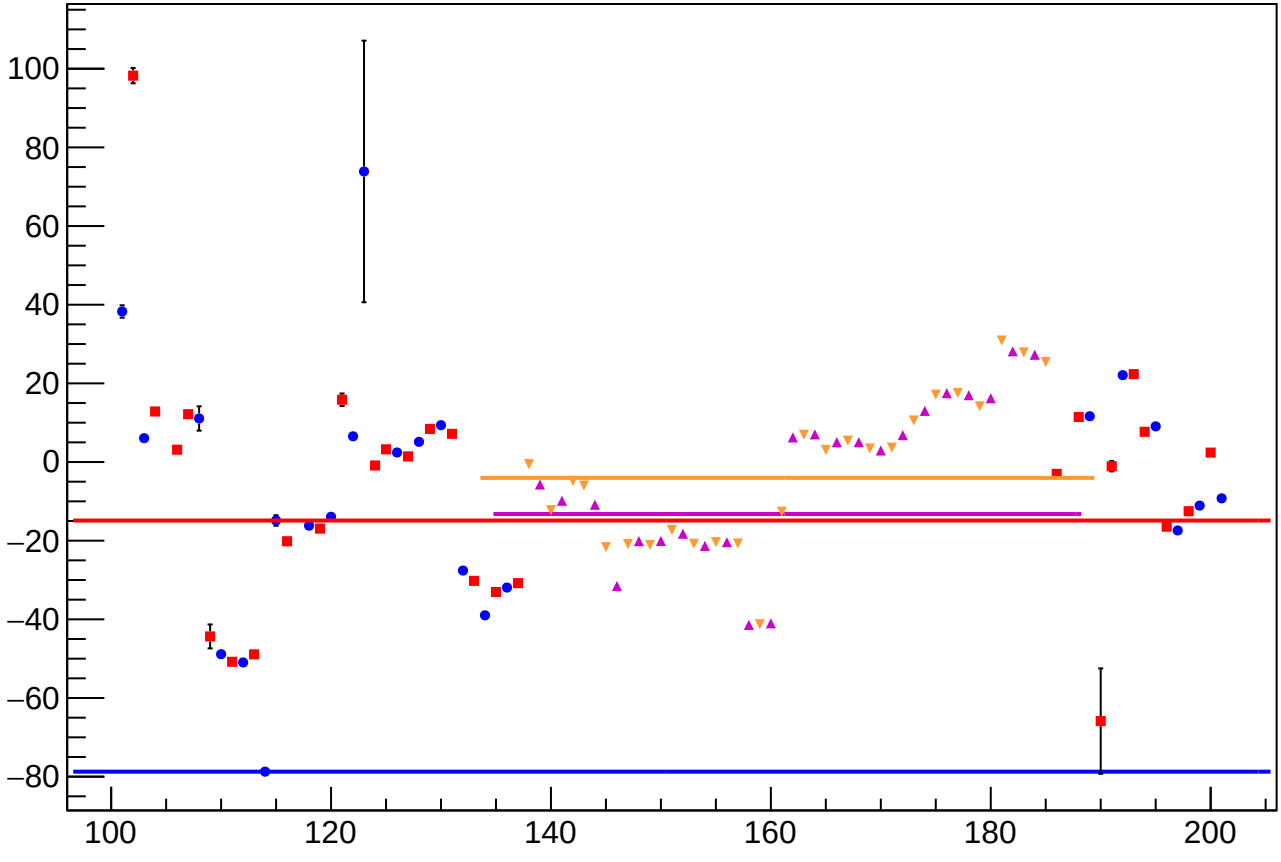
Right: -292.986+/-0.000 χ^2/NDF: 3135838.0/49

In: -292.986+/-0.000 χ^2/NDF:5277395.3/45

Out: -264.927+/-0.017 χ^2/NDF:2696024.4/51

All: -292.986+/-0.000 χ^2/NDF: 10747600.6/9

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1670282.0/22

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -14.875+/-0.063 χ^2/NDF: 101806.2/26

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

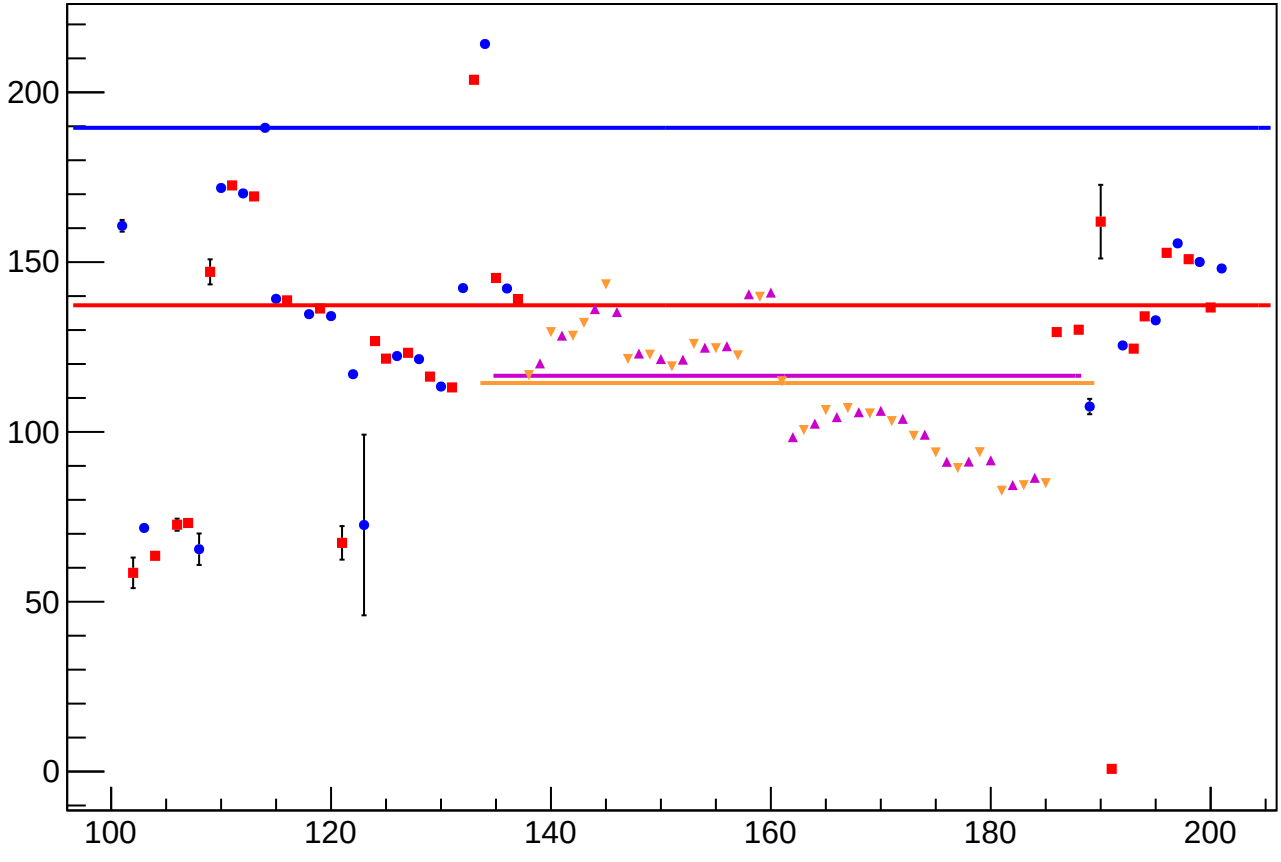
Right: -78.728+/-0.000 χ^2/NDF: 2795022.5/49

In: -78.728+/-0.000 χ^2/NDF:18023090.4/45

Out: -4.774+/-0.016 χ^2/NDF:1498892.3/51

All: -78.728+/-0.000 χ^2/NDF: 39658143.8/97

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 1046720.8/22

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.294+/-0.054 χ^2/NDF: 130658.4/26

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

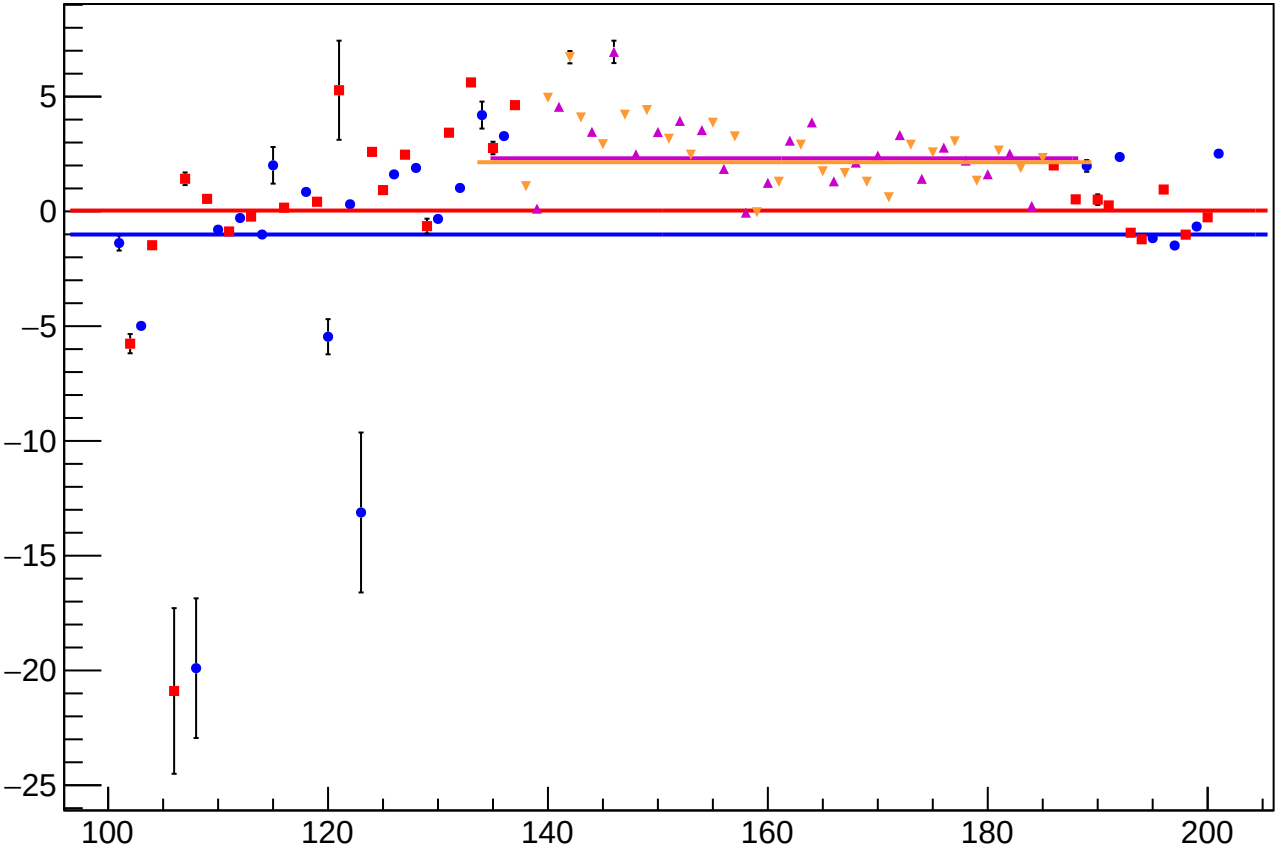
Right: 189.551+/-0.000 χ^2/NDF: 2102015.4/49

In: 189.551+/-0.000 χ^2/NDF:11066661.9/45

Out: 117.764+/-0.021 χ^2/NDF:716951.9/51

All: 189.551+/-0.000 χ^2/NDF: 23643083.7/97

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 8398.0/22

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.037+/-0.013 χ^2/NDF: 5985.9/26

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

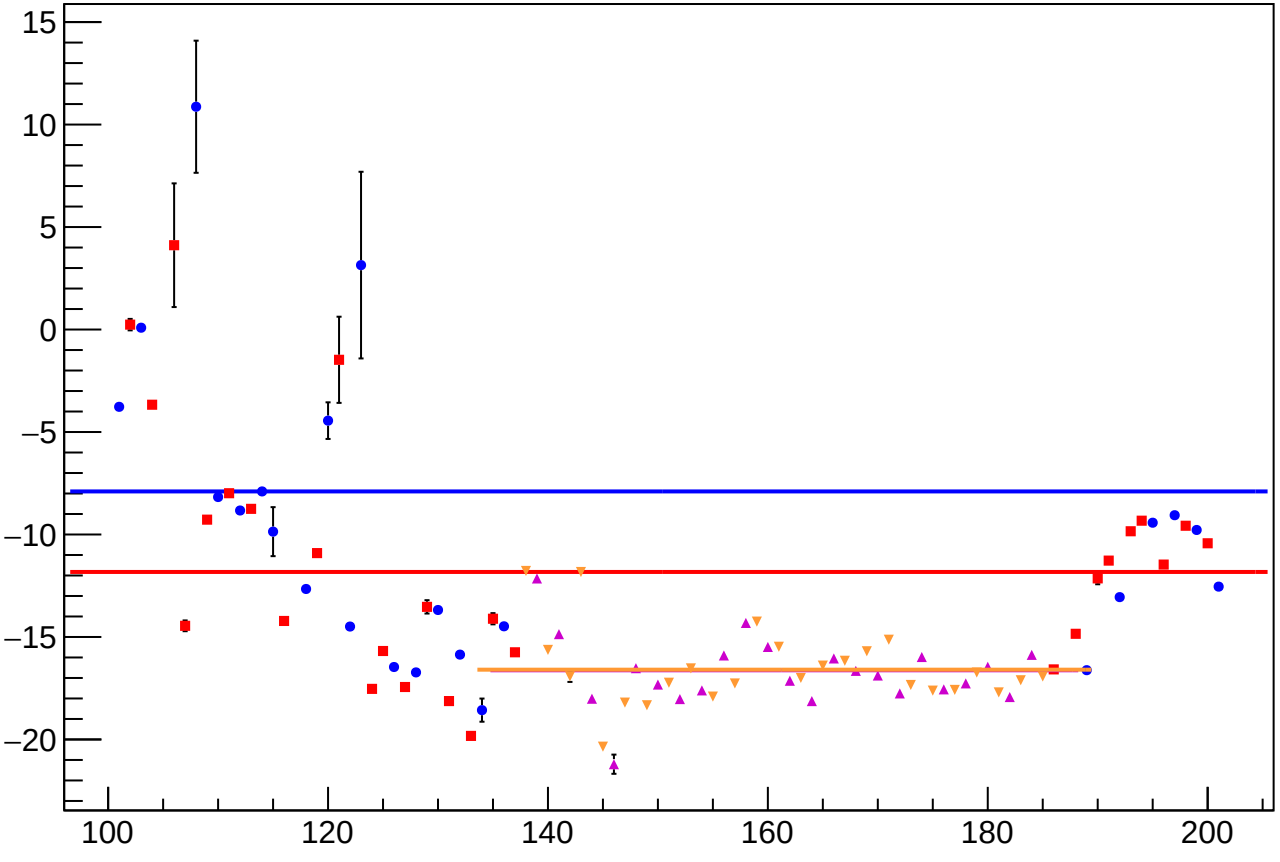
Right: -1.007+/-0.000 χ^2/NDF: 20520.2/49

In: -1.007+/-0.000 χ^2/NDF:71568.2/45

Out: 0.991+/-0.010 χ^2/NDF:23869.8/51

All: -1.007+/-0.000 χ^2/NDF: 136496.9/97

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 48810.3/22

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -11.827+/-0.015 χ^2/NDF: 37607.6/26

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

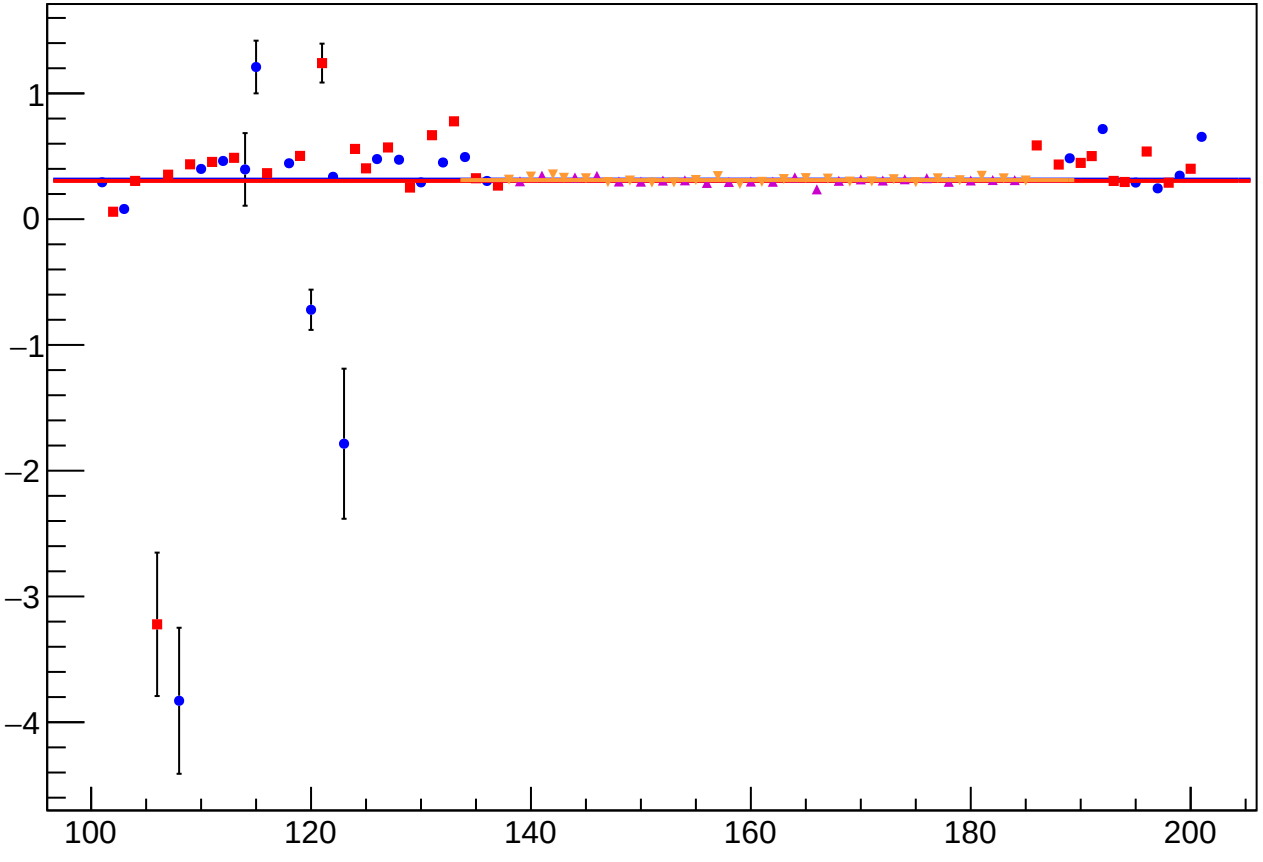
Right: -7.899+/-0.000 χ^2/NDF: 153005.9/49

In: -7.899+/-0.000 χ^2/NDF:407907.6/45

Out: -14.348+/-0.010 χ^2/NDF:97880.0/51

All: -7.899+/-0.000 χ^2/NDF: 886381.4/97

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 3684.5/22

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.304+/-0.001 χ^2/NDF: 7606.1/26

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

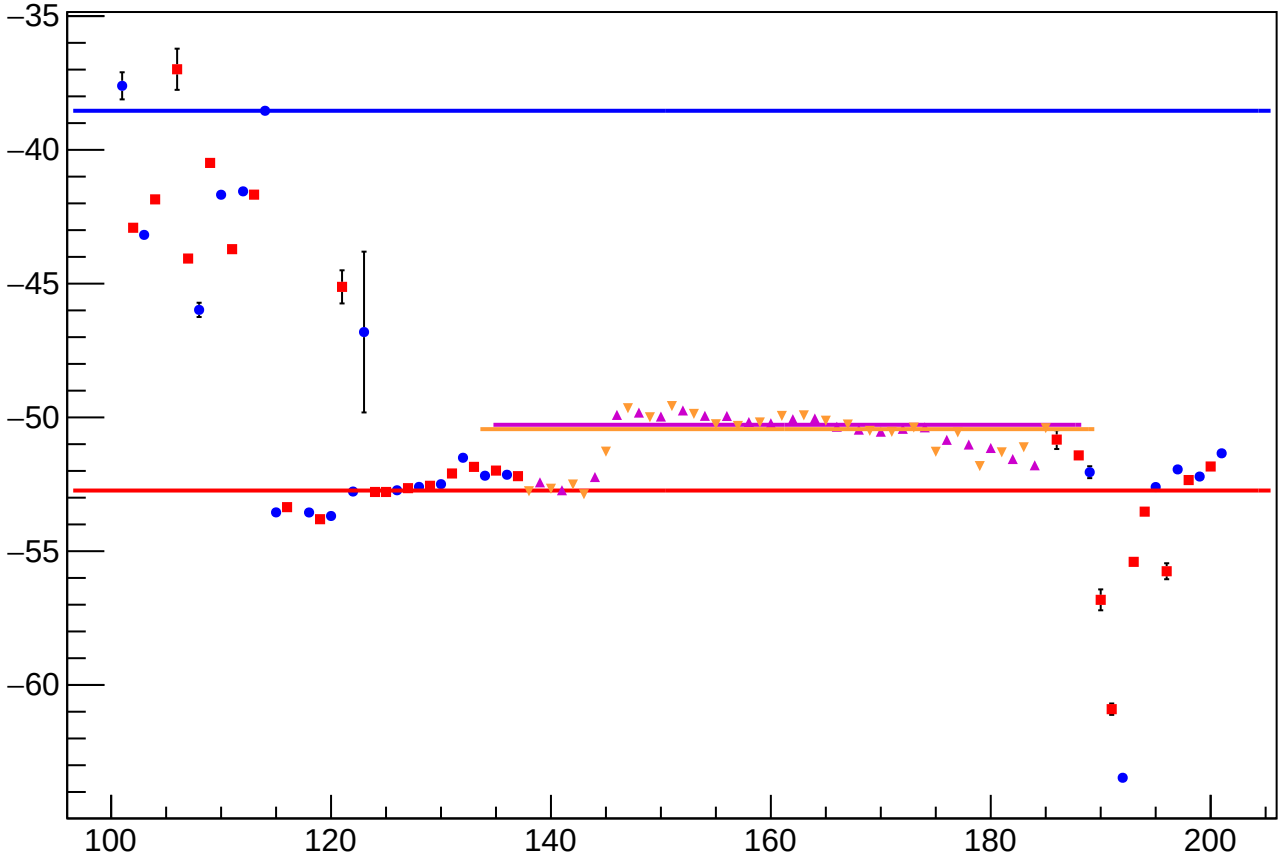
Right: 0.309+/-0.001 χ^2/NDF: 11359.2/49

In: 0.310+/-0.000 χ^2/NDF:6781.1/45

Out: 0.310+/-0.000 χ^2/NDF:12641.7/51

All: 0.310+/-0.000 χ^2/NDF: 19422.9/97

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 15219313.3/22

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.733+/-0.002 χ^2/NDF: 84995.5/26

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

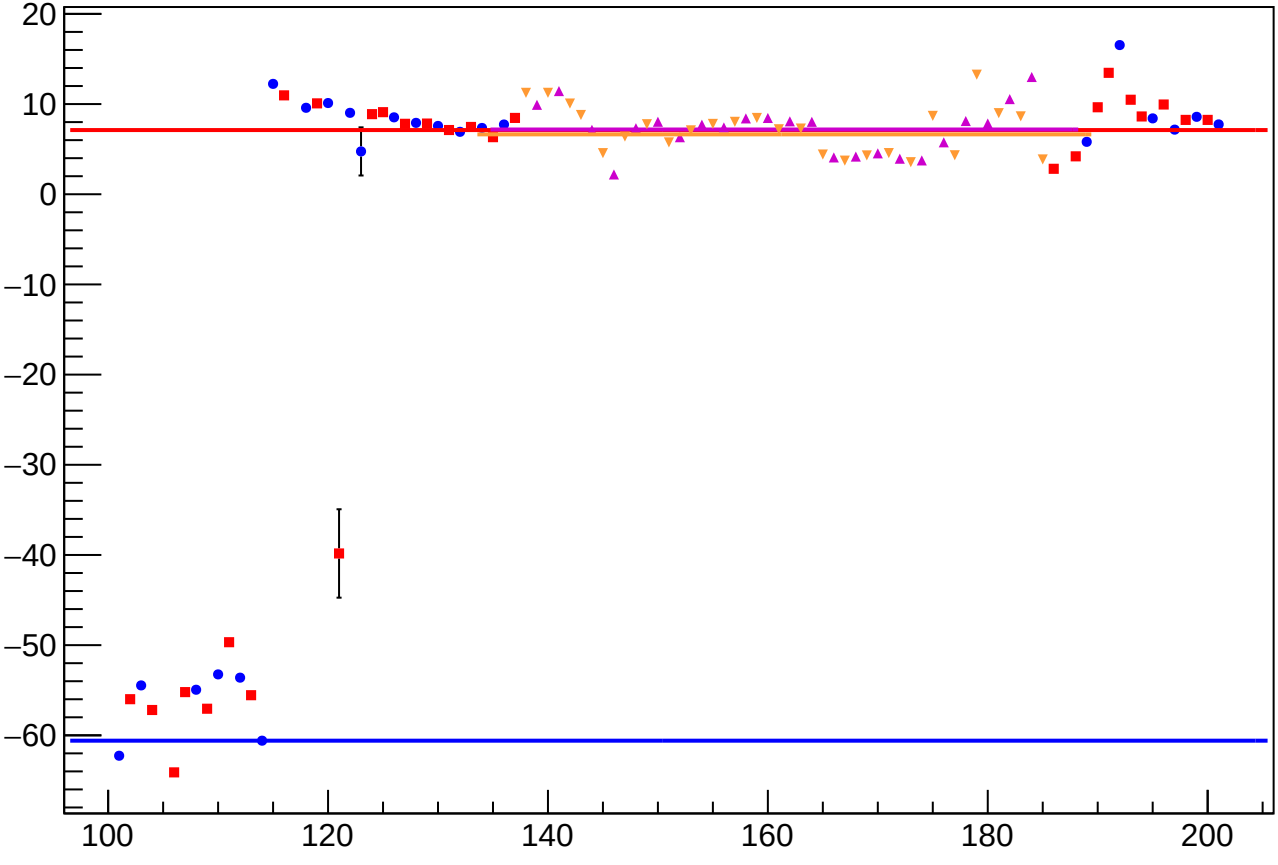
Right: -38.539+/-0.000 χ^2/NDF: 72841893.5/49

In: -38.539+/-0.000 χ^2/NDF:103378374.3/45

Out: -51.238+/-0.001 χ^2/NDF:1364167.4/51

All: -38.539+/-0.000 χ^2/NDF: 236880181.0/9

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 32626339.2/22

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 7.117+/-0.010 χ^2/NDF: 1165982.8/26

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

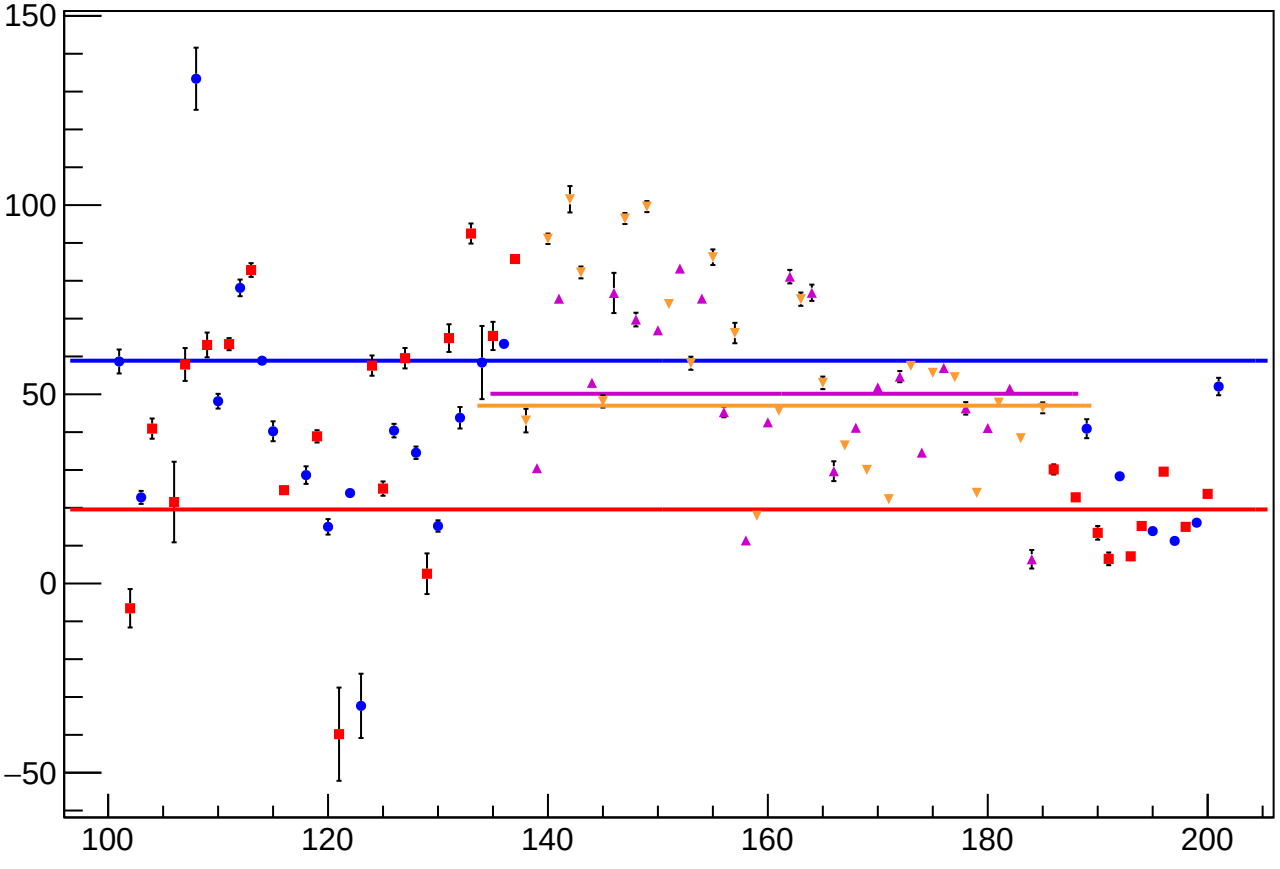
Right: -60.594+/-0.000 χ^2/NDF: 82597037.9/49

In: -60.594+/-0.000 χ^2/NDF:416697201.2/45

Out: 6.701+/-0.003 χ^2/NDF:1508557.7/51

All: -60.594+/-0.000 χ^2/NDF: 801073490.3/9

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 30590.3/22

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.567+/-0.152 χ^2/NDF: 10831.1/26

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

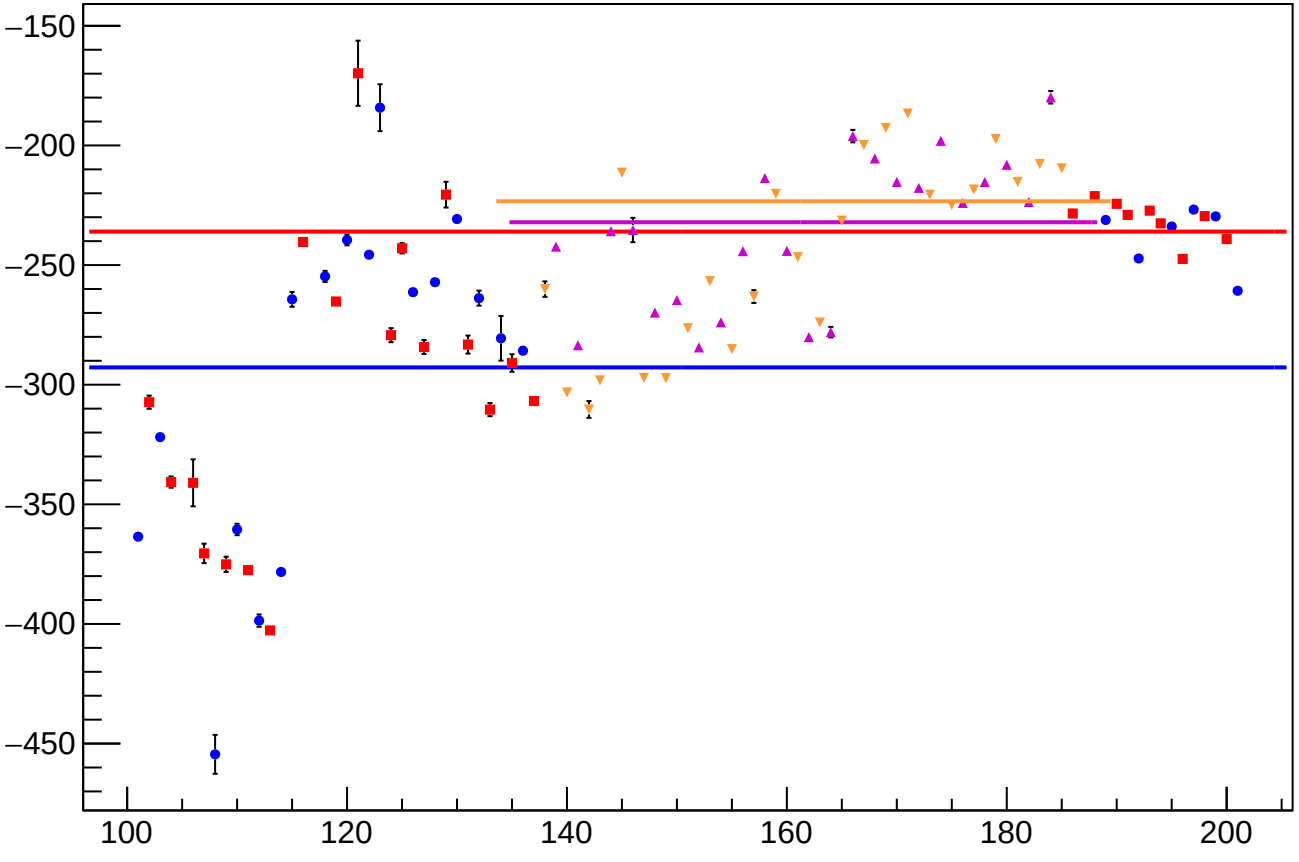
Right: 58.880+/-0.000 χ^2/NDF: 108599.2/49

In: 58.880+/-0.000 χ^2/NDF:38963.9/45

Out: 28.683+/-0.124 χ^2/NDF:30903.2/51

All: 58.880+/-0.000 χ^2/NDF: 129233.1/97

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -292.780+/-0.174 χ^2/NDF: 156438.6/22

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -236.016+/-0.137 χ^2/NDF: 28562.5/26

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

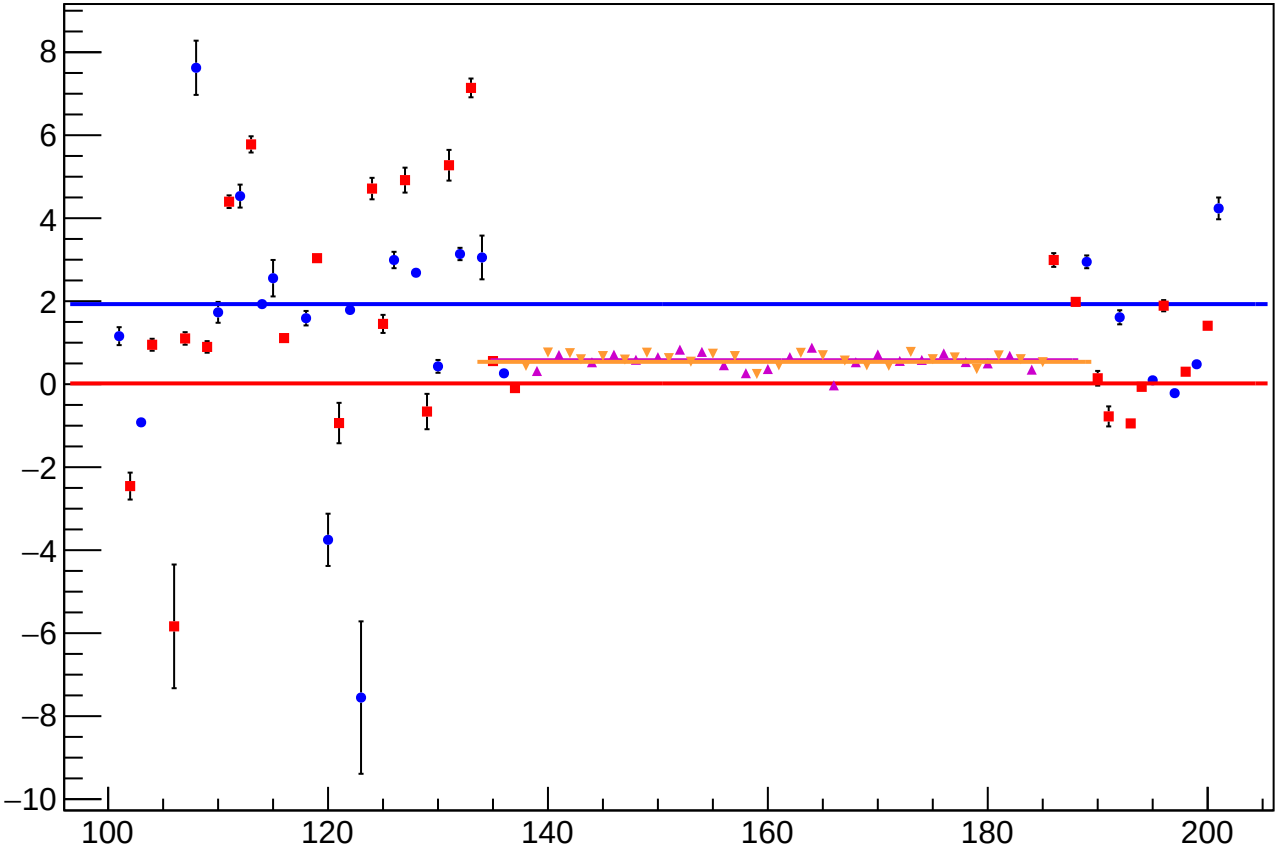
Right: -257.689+/-0.108 χ^2/NDF: 250500.5/49

In: -269.022+/-0.136 χ^2/NDF:221316.6/45

Out: -232.365+/-0.116 χ^2/NDF:53320.5/51

All: -247.741+/-0.088 χ^2/NDF: 316792.6/97

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 64306.2/22

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.019+/-0.004 χ^2/NDF: 11537.9/26

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

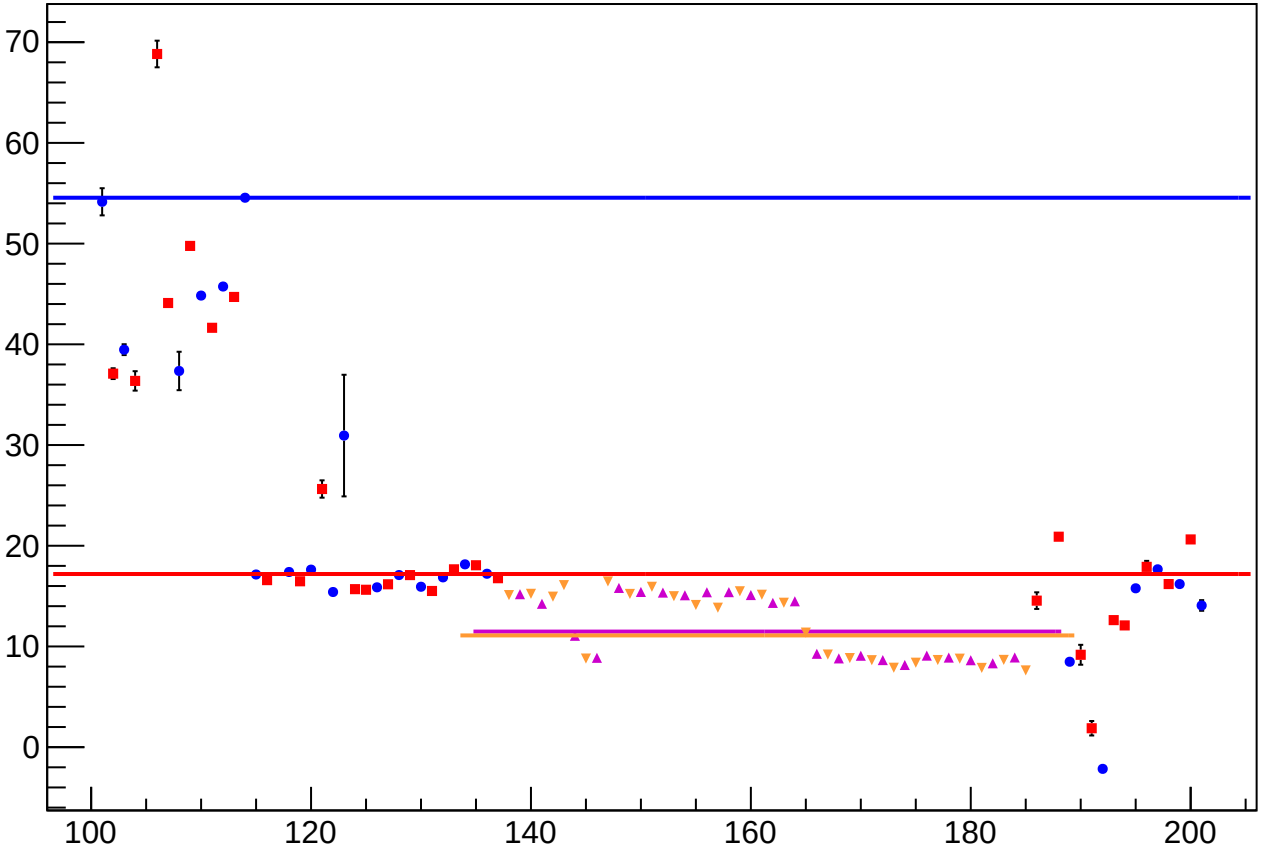
Right: 1.930+/-0.000 χ^2/NDF: 274176.4/49

In: 1.930+/-0.000 χ^2/NDF:949036.9/45

Out: 0.470+/-0.002 χ^2/NDF:35070.3/51

All: 1.930+/-0.000 χ^2/NDF: 1860983.7/97

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 9963938.7/22

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.193+/-0.018 χ^2/NDF: 62660.2/26

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

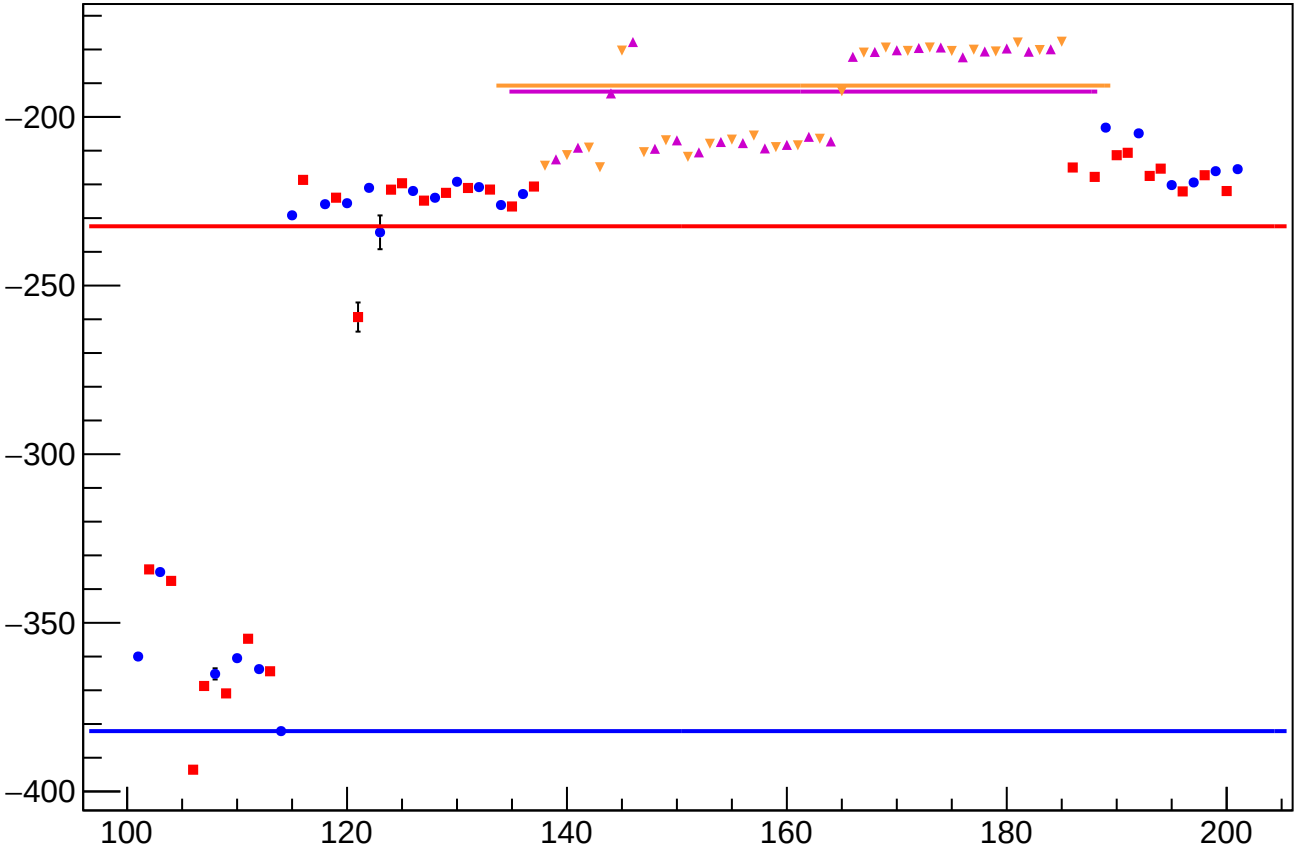
Right: 54.556+/-0.000 χ^2/NDF: 14337445.2/49

In: 54.556+/-0.000 χ^2/NDF:78290674.6/45

Out: 11.592+/-0.005 χ^2/NDF:549671.1/51

All: 54.556+/-0.000 χ^2/NDF: 148870979.8/97

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 19831038.5/22

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -232.421+/-0.046 χ^2/NDF: 660217.0/26

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

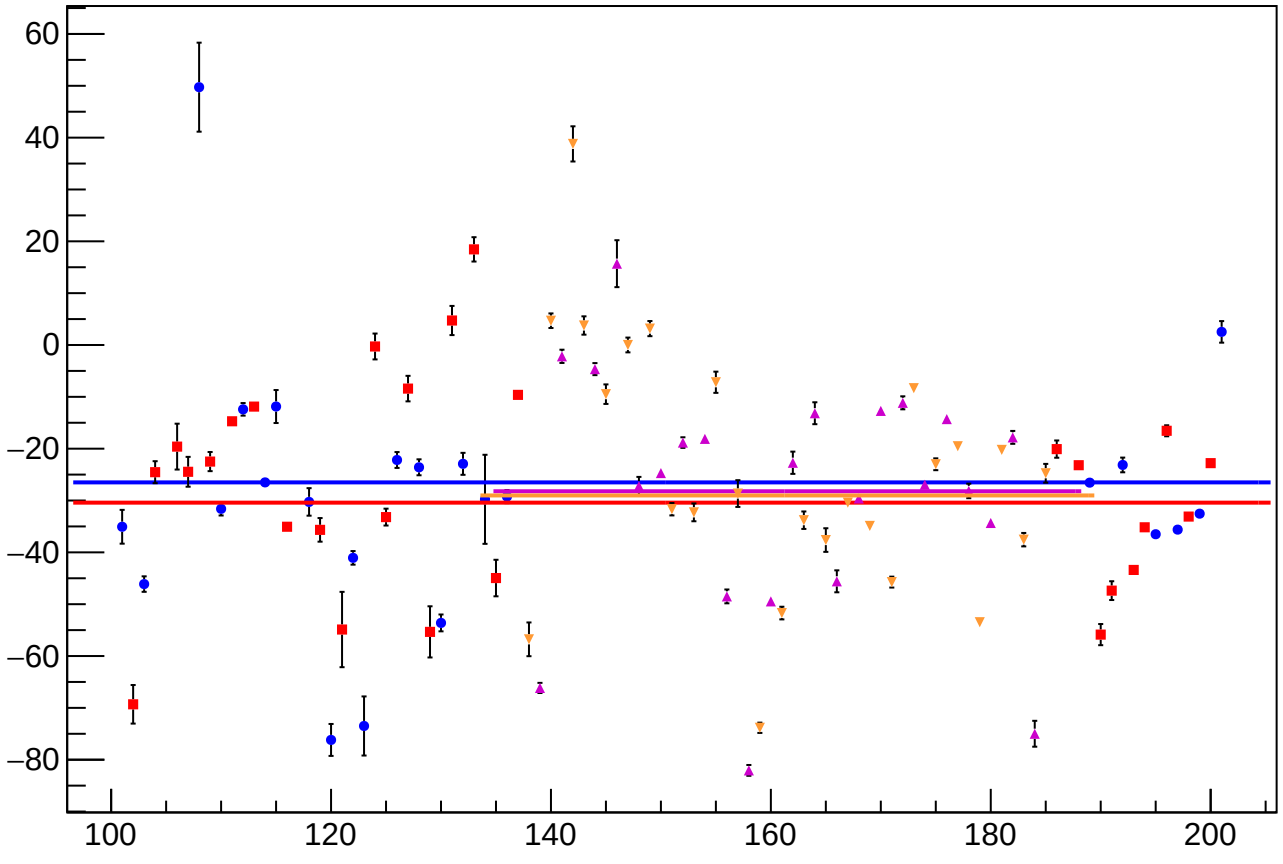
Right: -382.108+/-0.000 χ^2/NDF: 31310665.8/49

In: -382.108+/-0.000 χ^2/NDF:298445194.7/45

Out: -193.068+/-0.011 χ^2/NDF:3055168.0/51

All: -382.108+/-0.000 χ^2/NDF: 605863652.4/

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 2060.6/22

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -30.412+/-0.160 χ^2/NDF: 4739.5/26

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

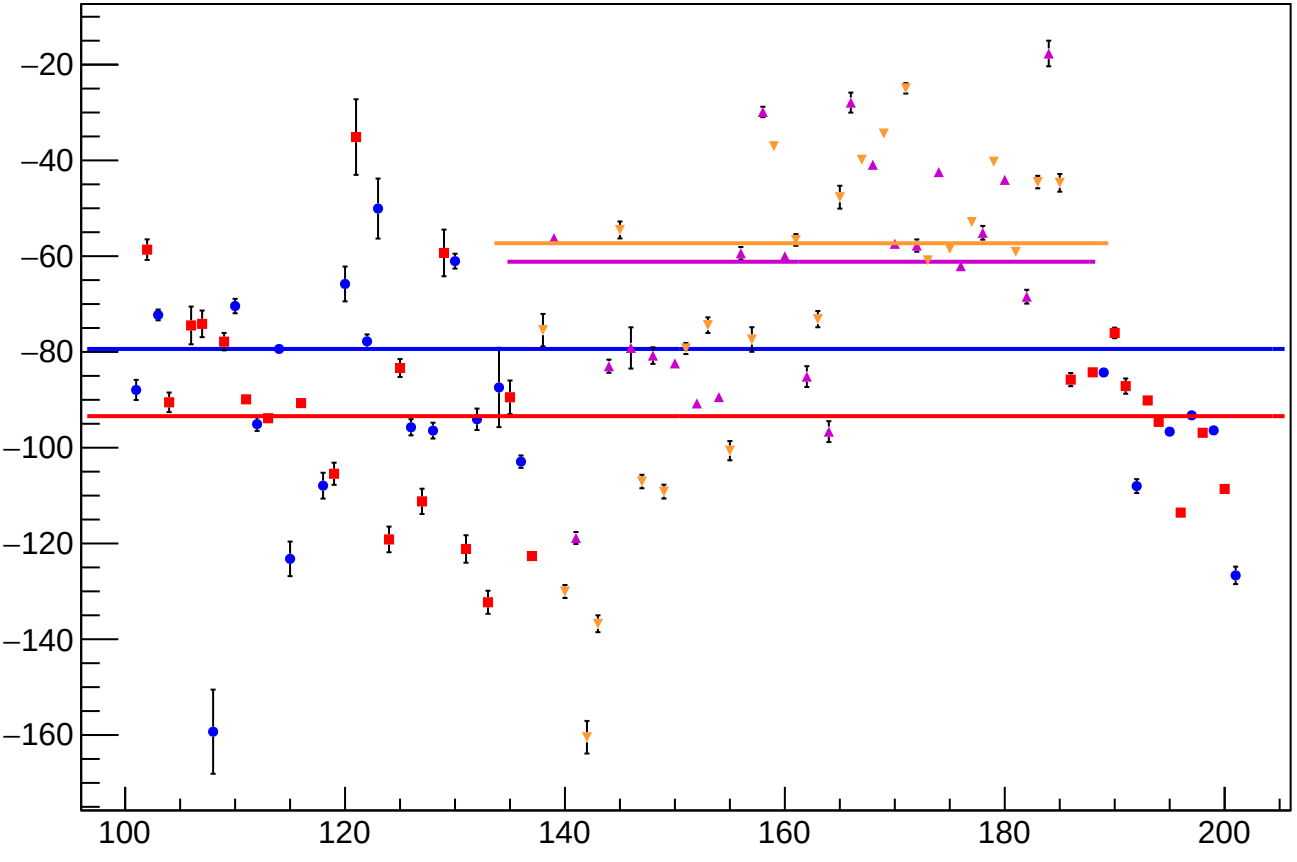
Right: -26.504+/-0.000 χ^2/NDF: 7398.6/49

In: -26.504+/-0.000 χ^2/NDF:9910.7/45

Out: -29.972+/-0.132 χ^2/NDF:11873.9/51

All: -26.504+/-0.000 χ^2/NDF: 22474.3/97

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 5394.7/22

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -93.412+/-0.137 χ^2/NDF: 4167.7/26

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

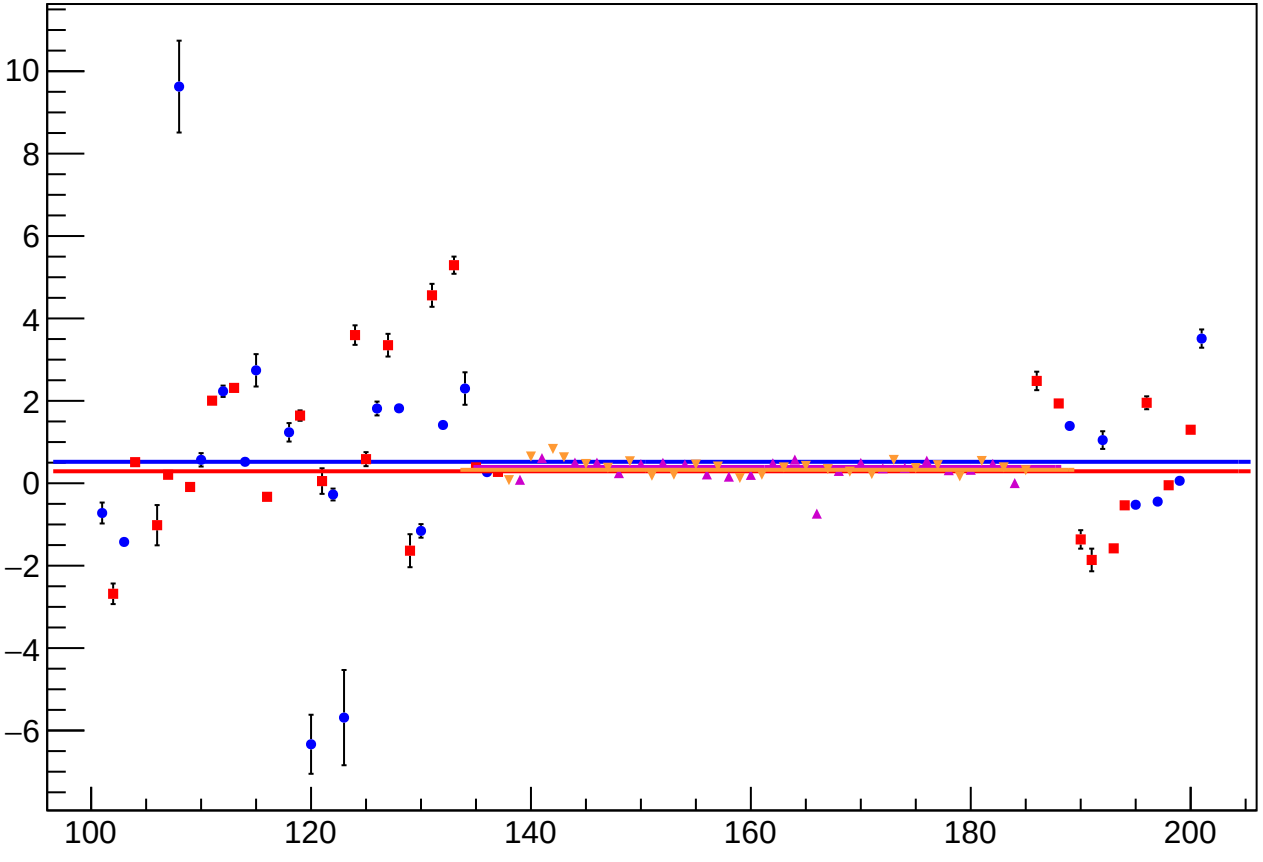
Right: -79.376+/-0.000 χ^2/NDF: 20033.8/49

In: -79.376+/-0.000 χ^2/NDF:21342.3/45

Out: -83.889+/-0.118 χ^2/NDF:35514.1/51

All: -79.376+/-0.000 χ^2/NDF: 58326.7/97

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 4168.9/22

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.291+/-0.010 χ^2/NDF: 6205.2/26

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

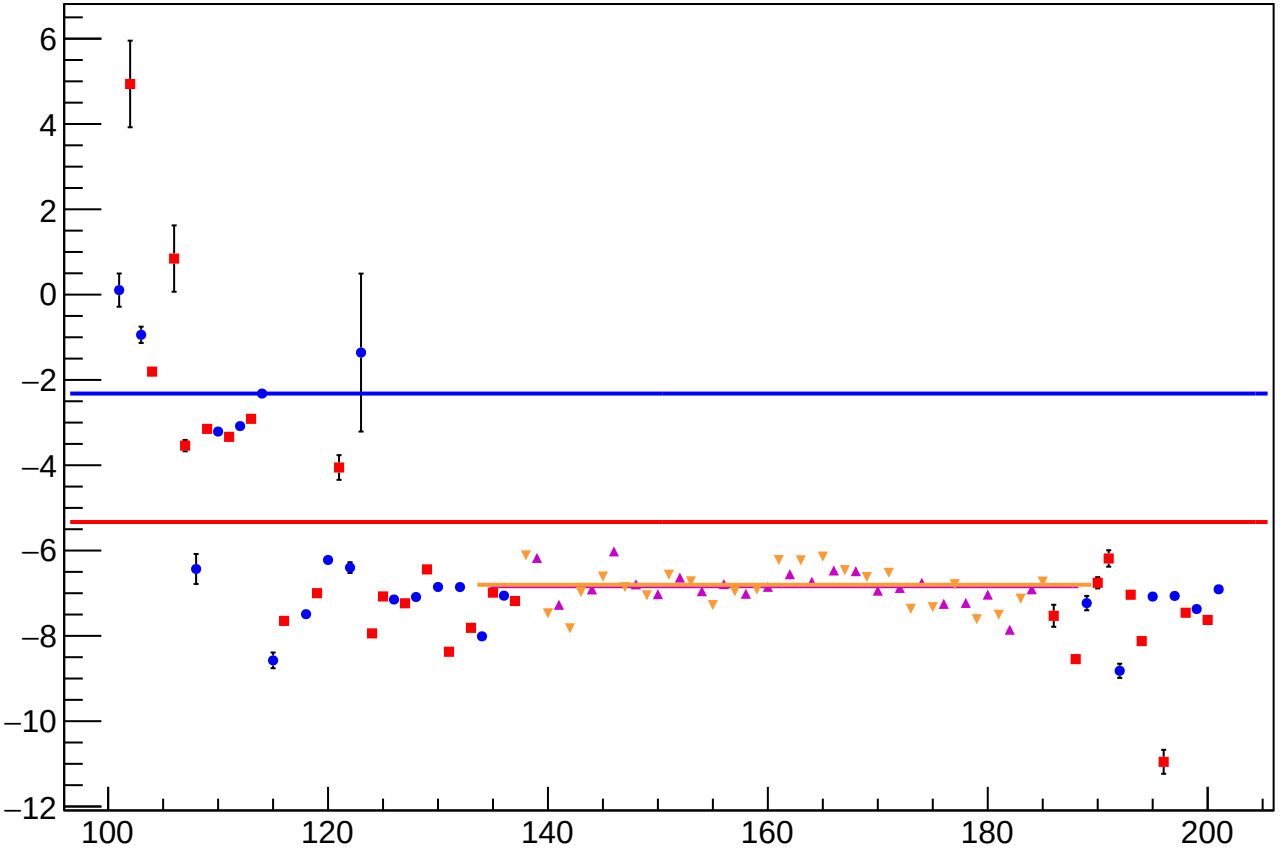
Right: 0.521+/-0.000 χ^2/NDF: 10904.1/49

In: 0.521+/-0.000 χ^2/NDF:23077.8/45

Out: 0.325+/-0.002 χ^2/NDF:16636.8/51

All: 0.521+/-0.000 χ^2/NDF: 54985.4/97

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 299218.1/22

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.331+/-0.009 χ^2/NDF: 58025.1/26

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

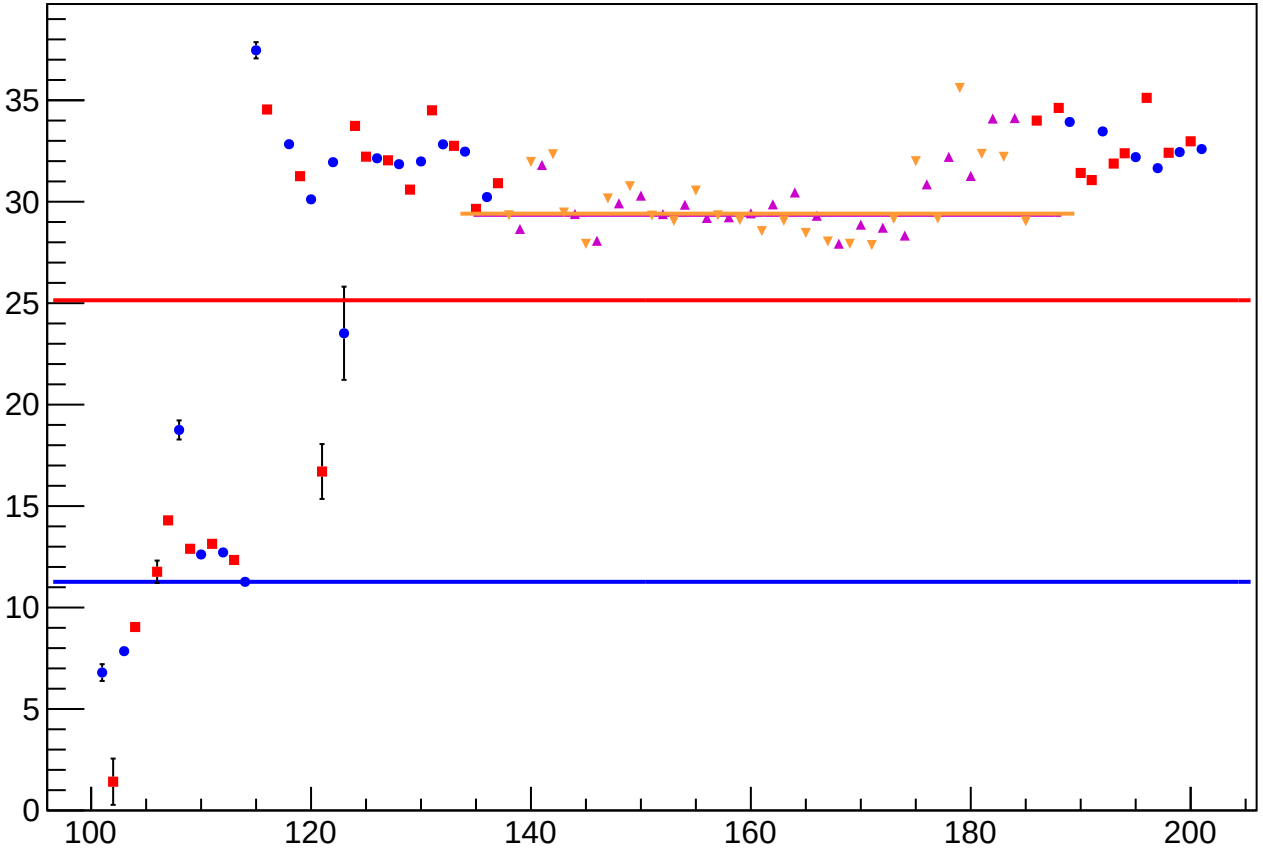
Right: -2.320+/-0.000 χ^2/NDF: 460424.9/49

In: -2.320+/-0.000 χ^2/NDF:3820543.2/45

Out: -6.705+/-0.002 χ^2/NDF:95954.8/51

All: -2.320+/-0.000 χ^2/NDF: 7244575.9/97

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 1564646.1/22

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 25.142+/-0.014 χ^2/NDF: 464147.2/26

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

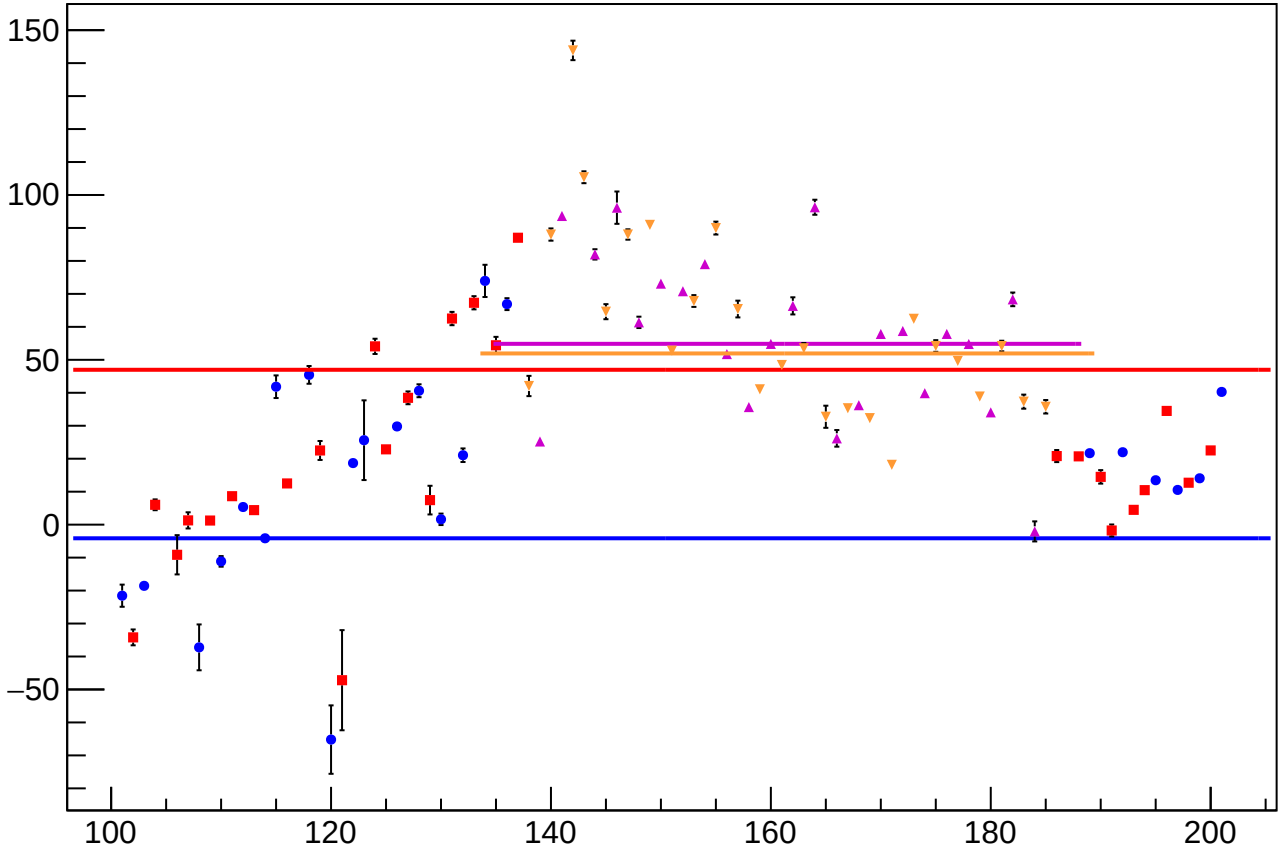
Right: 11.268+/-0.000 χ^2/NDF: 2956038.0/49

In: 11.268+/-0.000 χ^2/NDF:6843579.9/45

Out: 28.370+/-0.007 χ^2/NDF:574881.1/51

All: 11.268+/-0.000 χ^2/NDF: 13194596.7/97

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 8922.2/22

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 46.977+/-0.150 χ^2/NDF: 62219.2/26

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

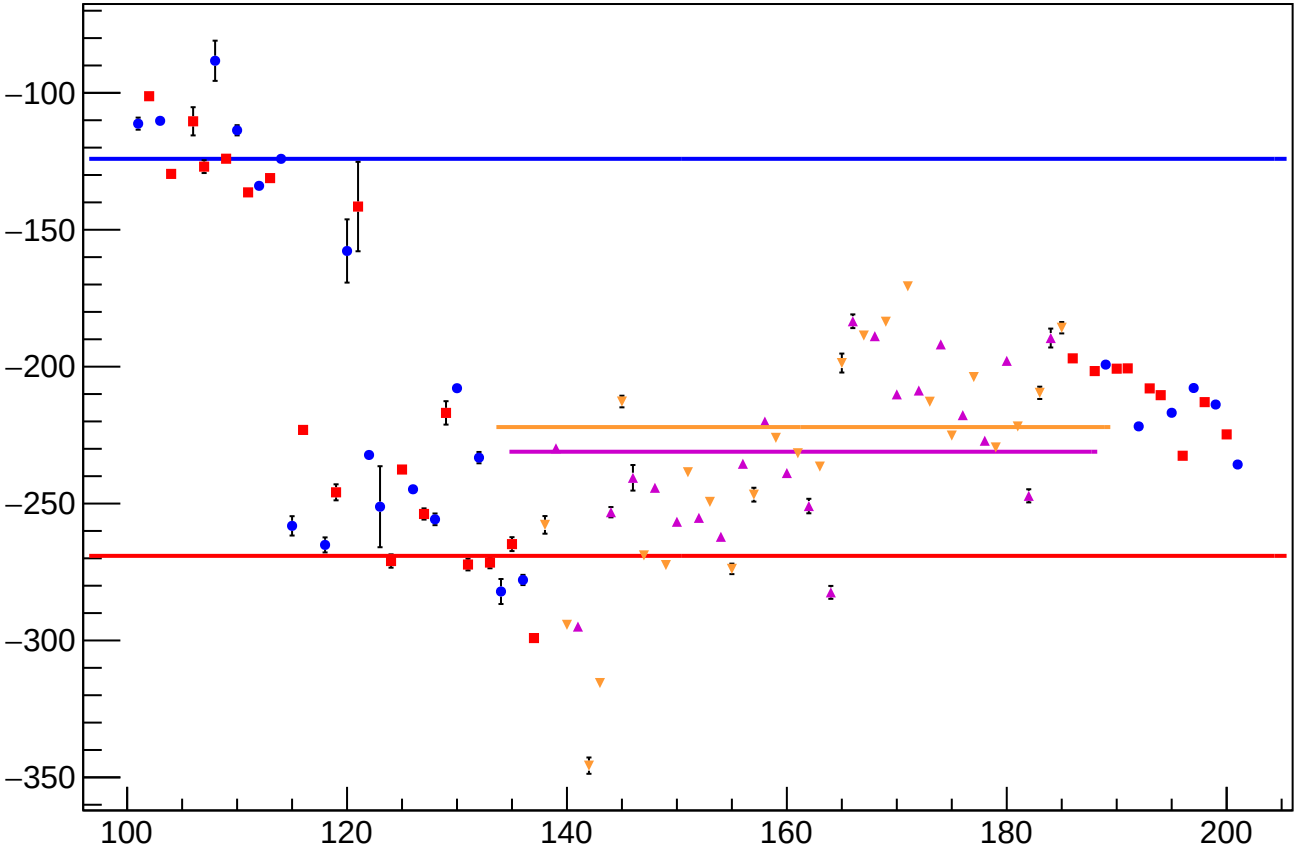
Right: -4.139+/-0.000 χ^2/NDF: 187417.7/49

In: -4.139+/-0.000 χ^2/NDF:72202.5/45

Out: 48.108+/-0.132 χ^2/NDF:68694.0/51

All: -4.139+/-0.000 χ^2/NDF: 298329.5/97

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 135069.4/22

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -269.099+/-0.103 χ^2/NDF: 217322.6/26

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

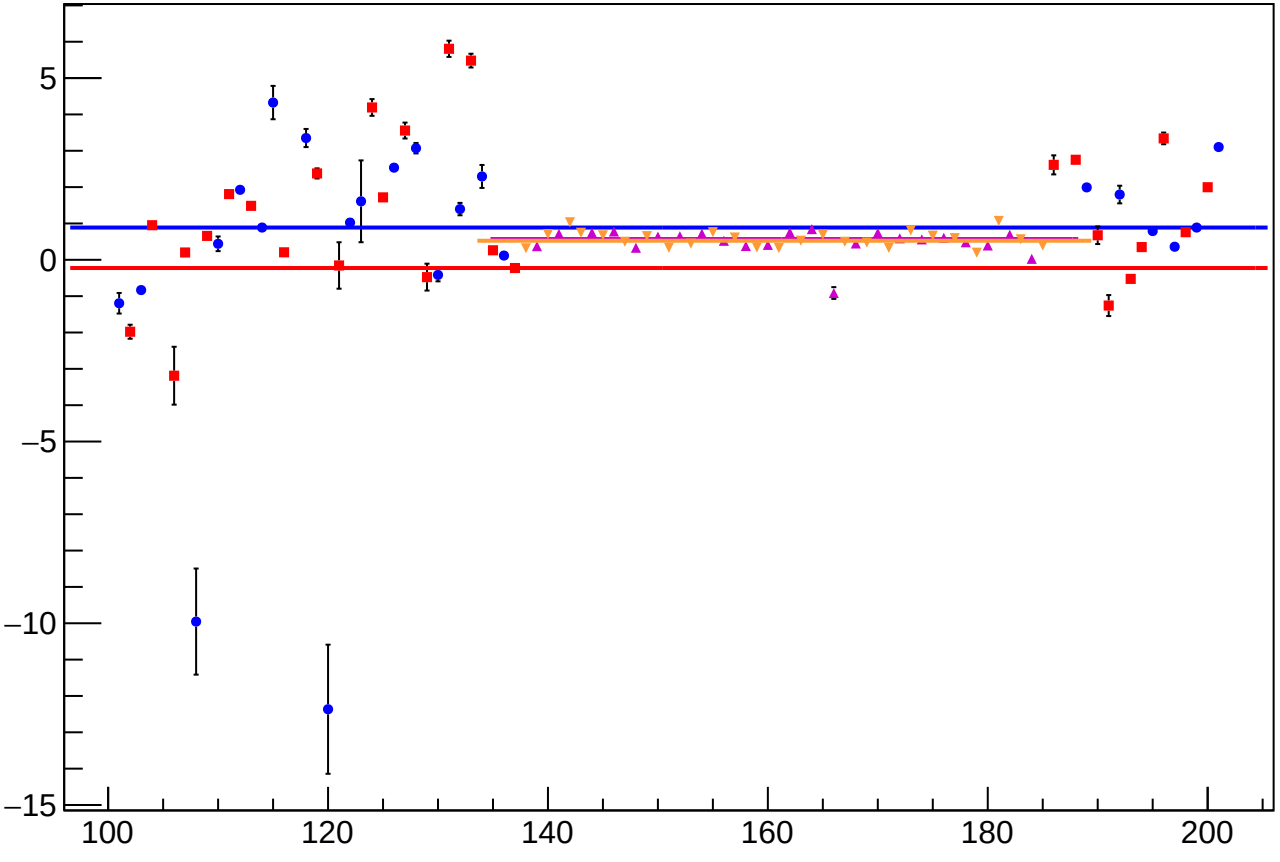
Right: -124.095+/-0.000 χ^2/NDF: 2337808.5/49

In: -124.095+/-0.000 χ^2/NDF:330948.4/45

Out: -263.216+/-0.096 χ^2/NDF:259262.5/51

All: -124.095+/-0.000 χ^2/NDF: 2679053.9/97

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 9085.8/22

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 7821.7/26

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

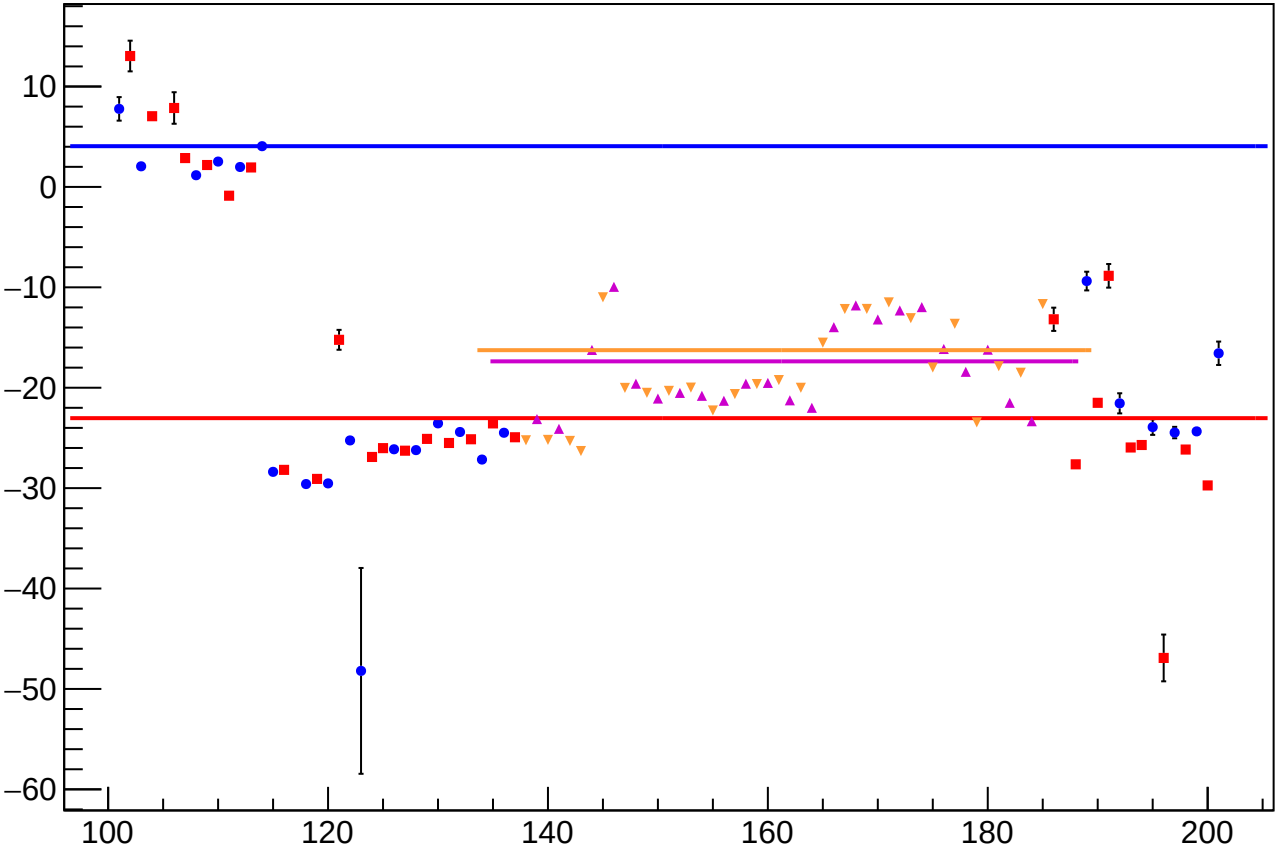
Right: 0.888+/-0.000 χ^2/NDF: 422222596.2/49

In: 0.888+/-0.000 χ^2/NDF:40115.3/45

Out: -0.225+/-0.000 χ^2/NDF:155550.9/51

All: 0.888+/-0.000 χ^2/NDF: 422295173.0/97

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1256072.5/22

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -23.030+/-0.026 χ^2/NDF: 117293.8/26

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

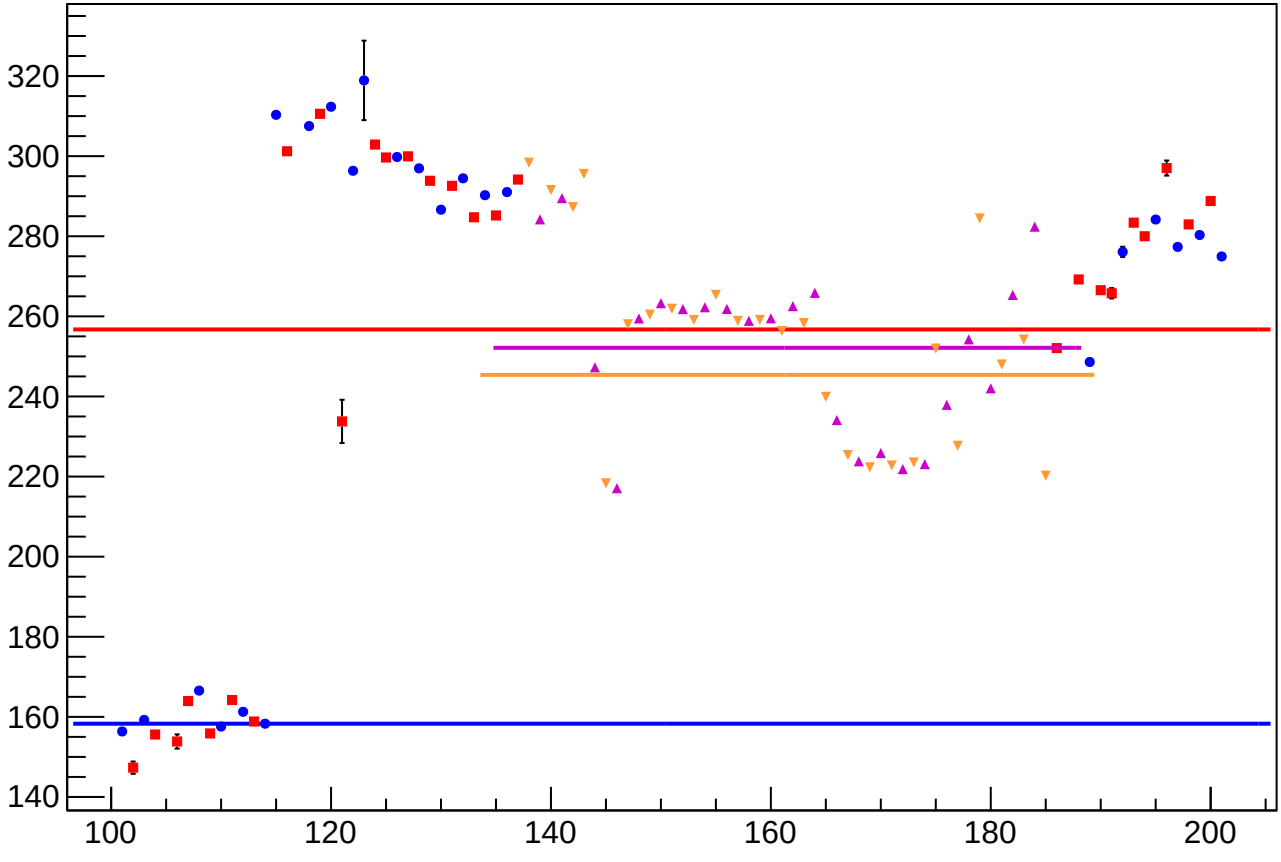
Right: 4.057+/-0.000 χ^2/NDF: 2467121.3/49

In: 4.057+/-0.000 χ^2/NDF:6655825.7/45

Out: -17.140+/-0.009 χ^2/NDF:365253.4/51

All: 4.057+/-0.000 χ^2/NDF: 12171284.6/97

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2598292.9/22

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 256.732+/-0.061 χ^2/NDF: 970013.1/26

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

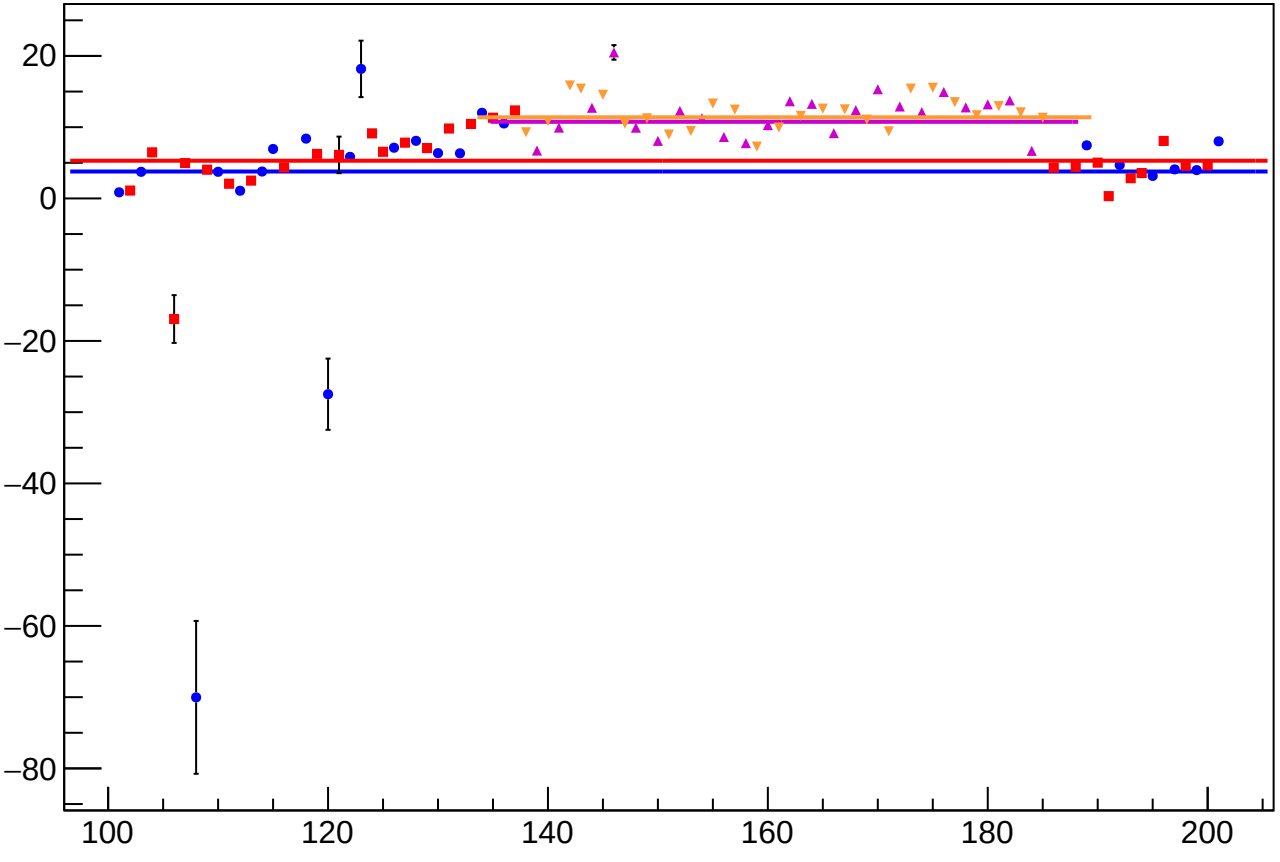
Right: 158.293+/-0.000 χ^2/NDF: 6189270.2/49

In: 158.293+/-0.000 χ^2/NDF:13921345.4/45

Out: 247.301+/-0.025 χ^2/NDF:1722508.9/51

All: 158.293+/-0.000 χ^2/NDF: 28366487.4/97

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 7433.8/22

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.291+/-0.021 χ^2/NDF: 20271.5/26

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

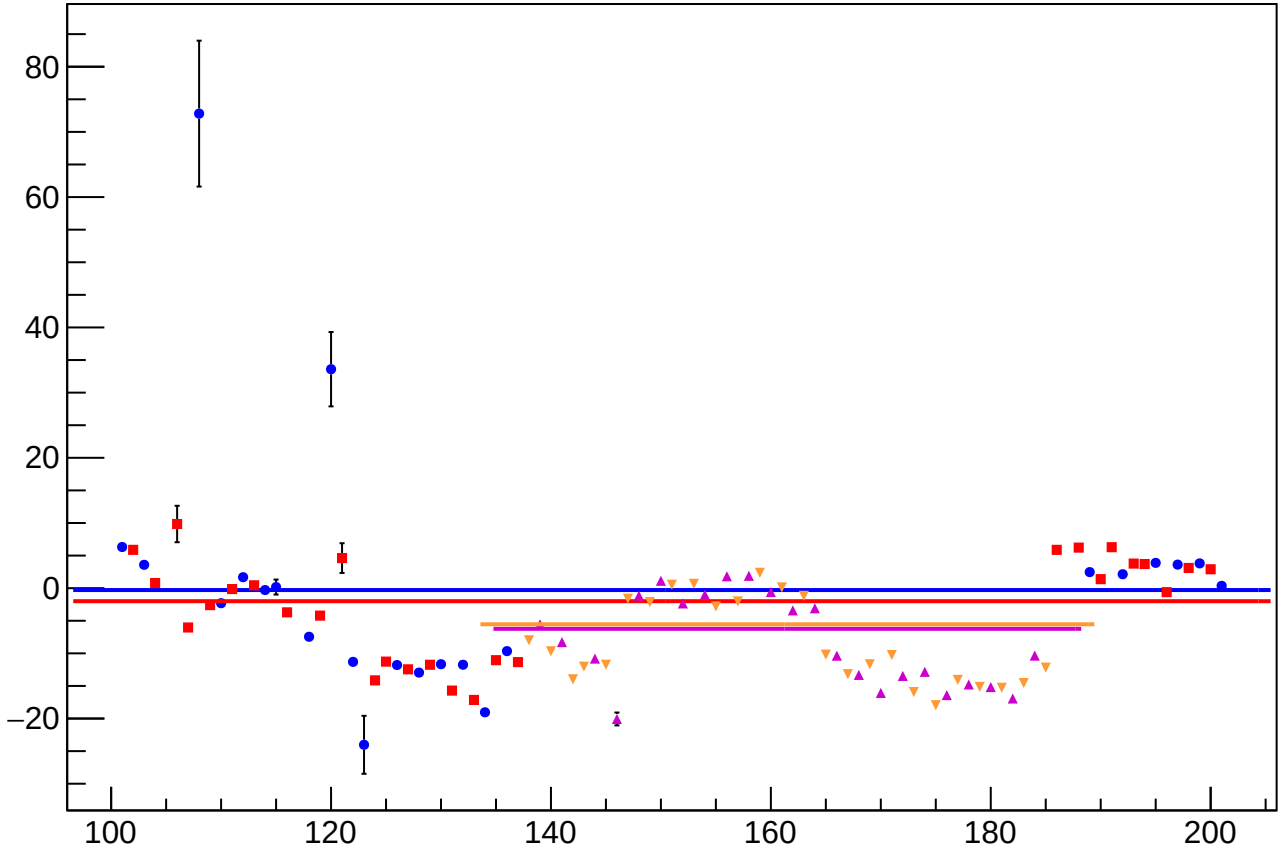
Right: 3.778+/-0.000 χ^2/NDF: 32916.6/49

In: 3.778+/-0.000 χ^2/NDF:80718.8/45

Out: 7.283+/-0.017 χ^2/NDF:52231.1/51

All: 3.778+/-0.000 χ^2/NDF: 174493.7/97

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 50779.9/22

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -1.998+/-0.021 χ^2/NDF: 113759.6/26

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

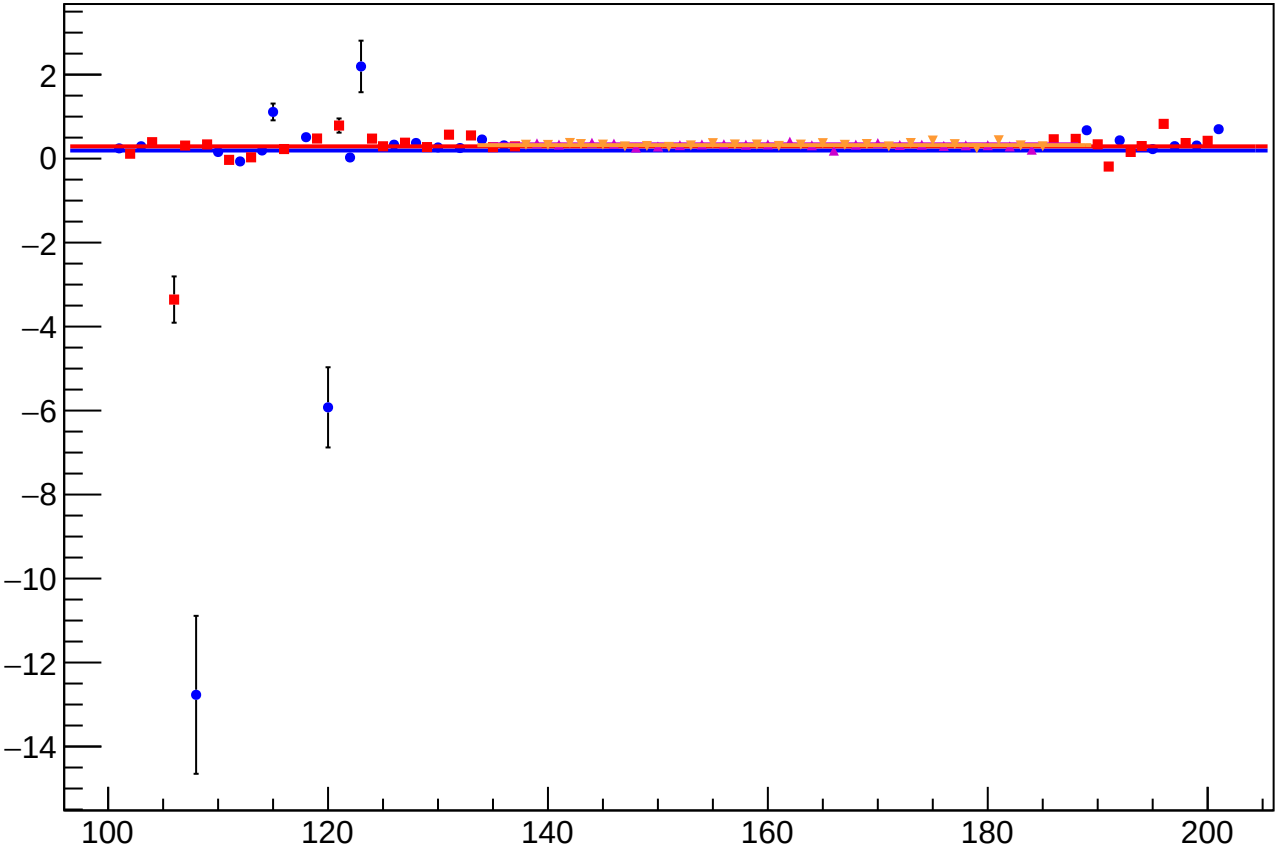
Right: -0.287+/-0.000 χ^2/NDF: 171089.2/49

In: -0.287+/-0.000 χ^2/NDF:152497.7/45

Out: -3.168+/-0.017 χ^2/NDF:166466.0/51

All: -0.287+/-0.000 χ^2/NDF: 346689.2/97

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 11293.1/22

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.292+/-0.001 χ^2/NDF: 7670.2/26

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

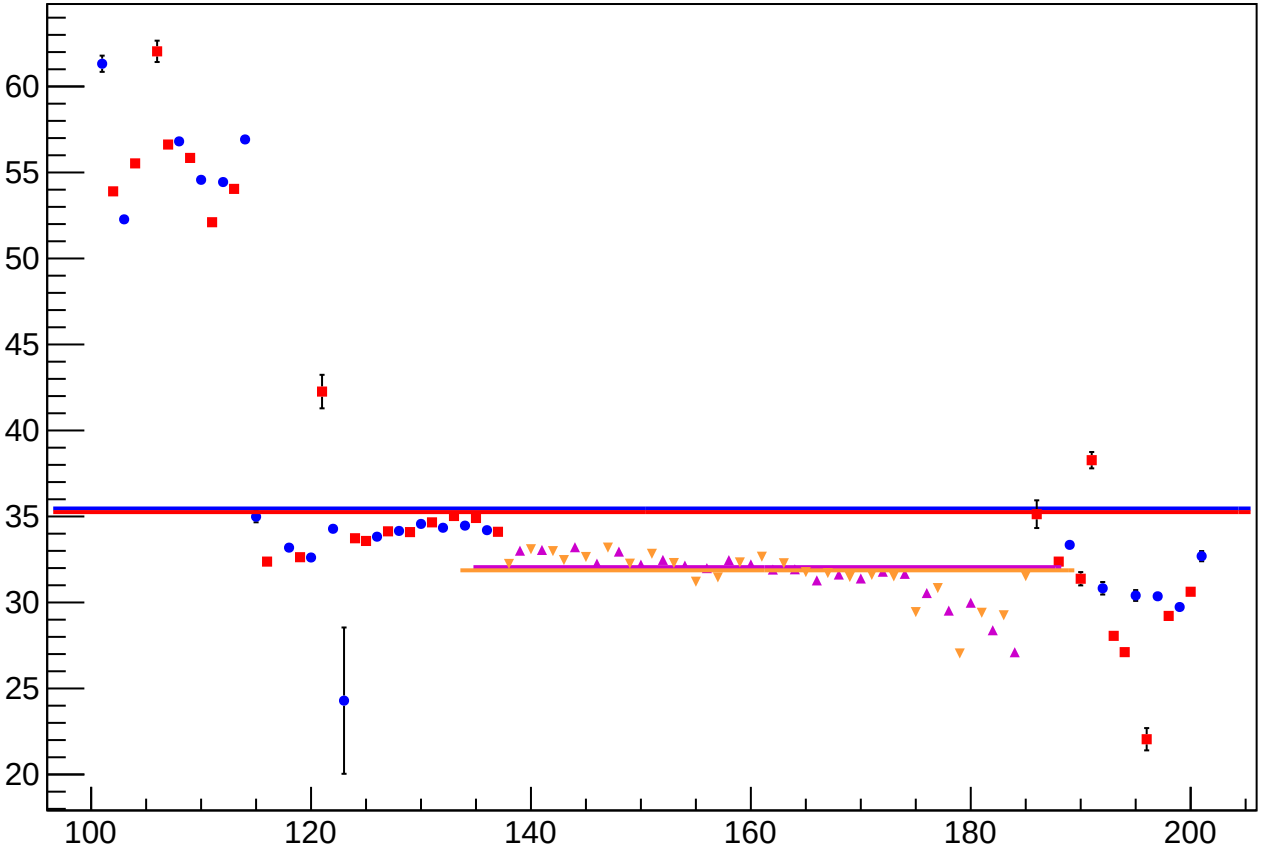
Right: 0.193+/-0.000 χ^2/NDF: 24010.0/49

In: 0.193+/-0.000 χ^2/NDF:92062.2/45

Out: 0.317+/-0.000 χ^2/NDF:11410.8/51

All: 0.193+/-0.000 χ^2/NDF: 171370.1/97

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.464+/-0.011 χ^2/NDF: 227278.2/22

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.254+/-0.011 χ^2/NDF: 278506.3/26

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

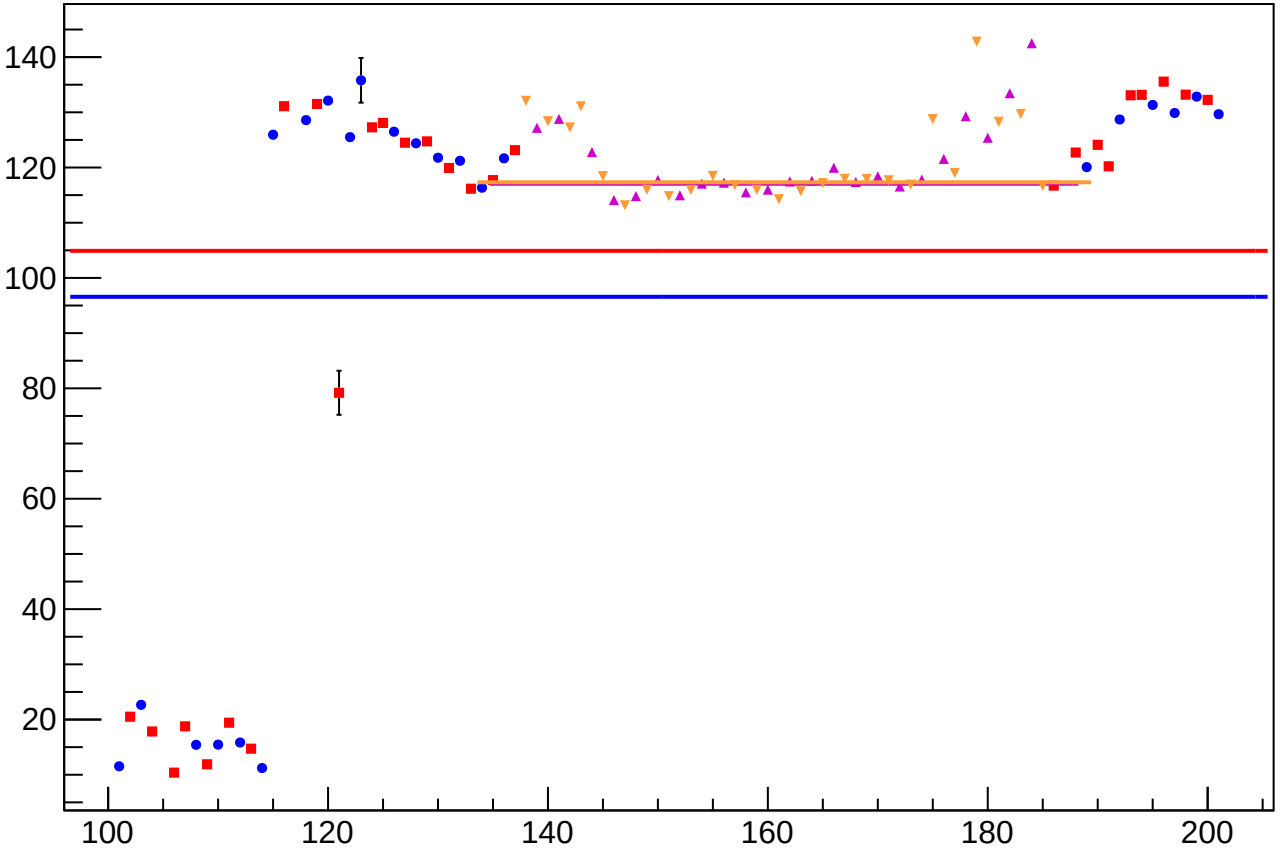
Right: 35.352+/-0.008 χ^2/NDF: 505972.5/49

In: 32.346+/-0.003 χ^2/NDF:345306.6/45

Out: 32.142+/-0.003 χ^2/NDF:435845.2/51

All: 32.235+/-0.002 χ^2/NDF: 783268.6/97

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 96.578+/-0.028 χ^2/NDF: 2843787.7/22

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 104.908+/-0.025 χ^2/NDF: 3429734.3/26

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

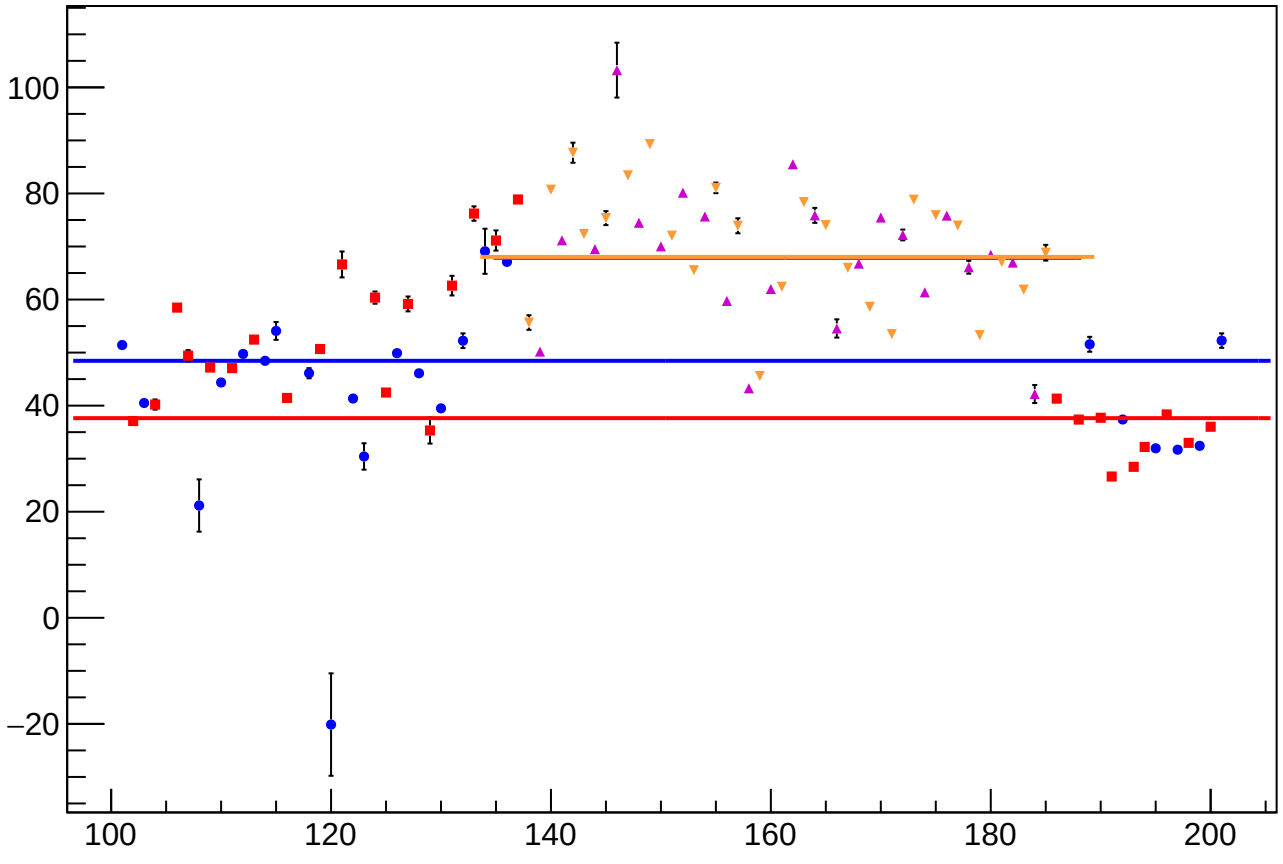
Right: 101.282+/-0.019 χ^2/NDF: 6323238.9/49

In: 115.224+/-0.008 χ^2/NDF:3391339.4/45

Out: 116.182+/-0.007 χ^2/NDF:3832752.5/51

All: 115.759+/-0.006 χ^2/NDF: 7231333.3/97

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 13031.6/22

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 37.639+/-0.080 χ^2/NDF: 14008.4/26

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

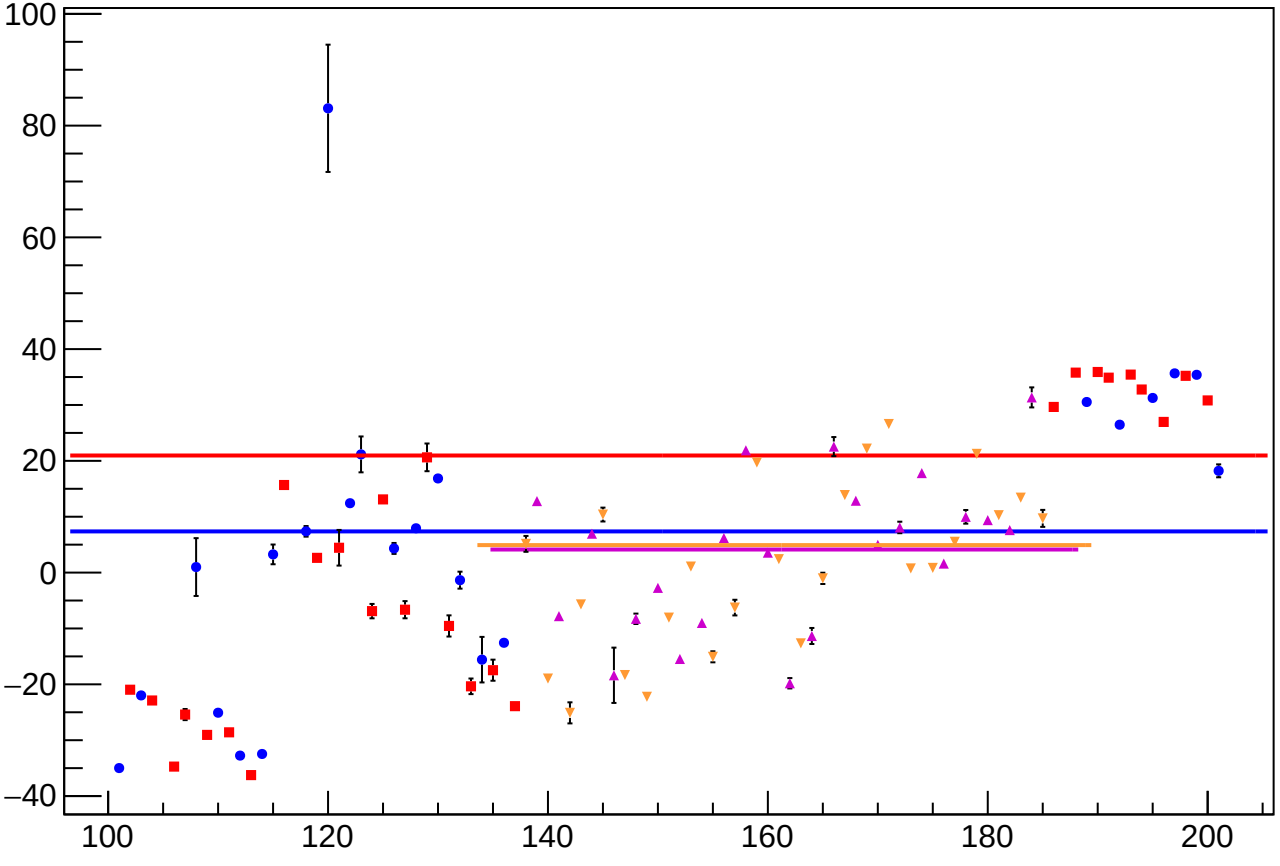
Right: 48.450+/-0.000 χ^2/NDF: 45347.6/49

In: 48.450+/-0.000 χ^2/NDF:42407.0/45

Out: 45.769+/-0.068 χ^2/NDF:59401.3/51

All: 48.450+/-0.000 χ^2/NDF: 103344.9/97

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.370+/-0.104 χ^2/NDF: 73542.5/22

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 20.958+/-0.072 χ^2/NDF: 105354.9/26

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

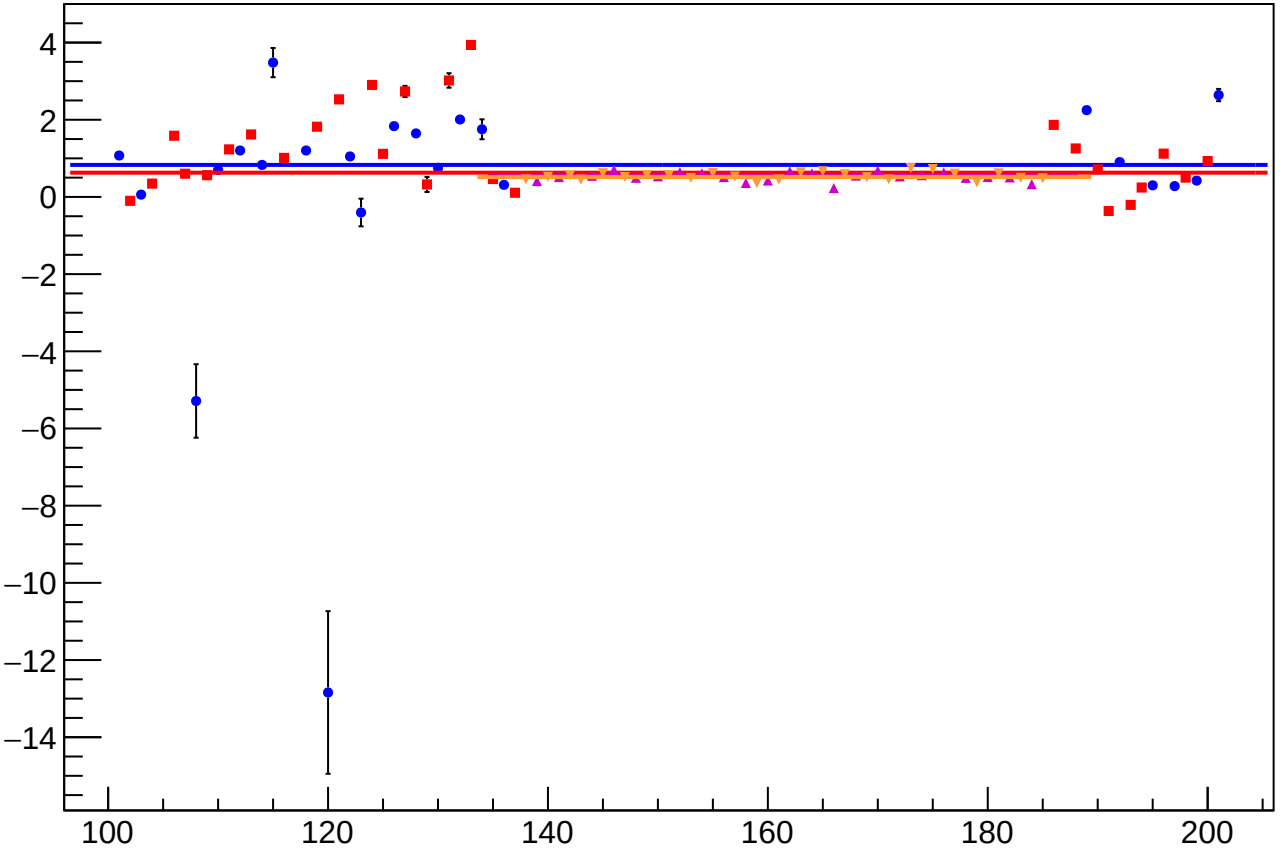
Right: 16.600+/-0.059 χ^2/NDF: 190445.5/49

In: 6.065+/-0.081 χ^2/NDF:80093.6/45

Out: 17.321+/-0.063 χ^2/NDF:127111.3/51

All: 13.051+/-0.050 χ^2/NDF: 219327.4/97

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 16083.6/22

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.629+/-0.006 χ^2/NDF: 9324.1/26

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

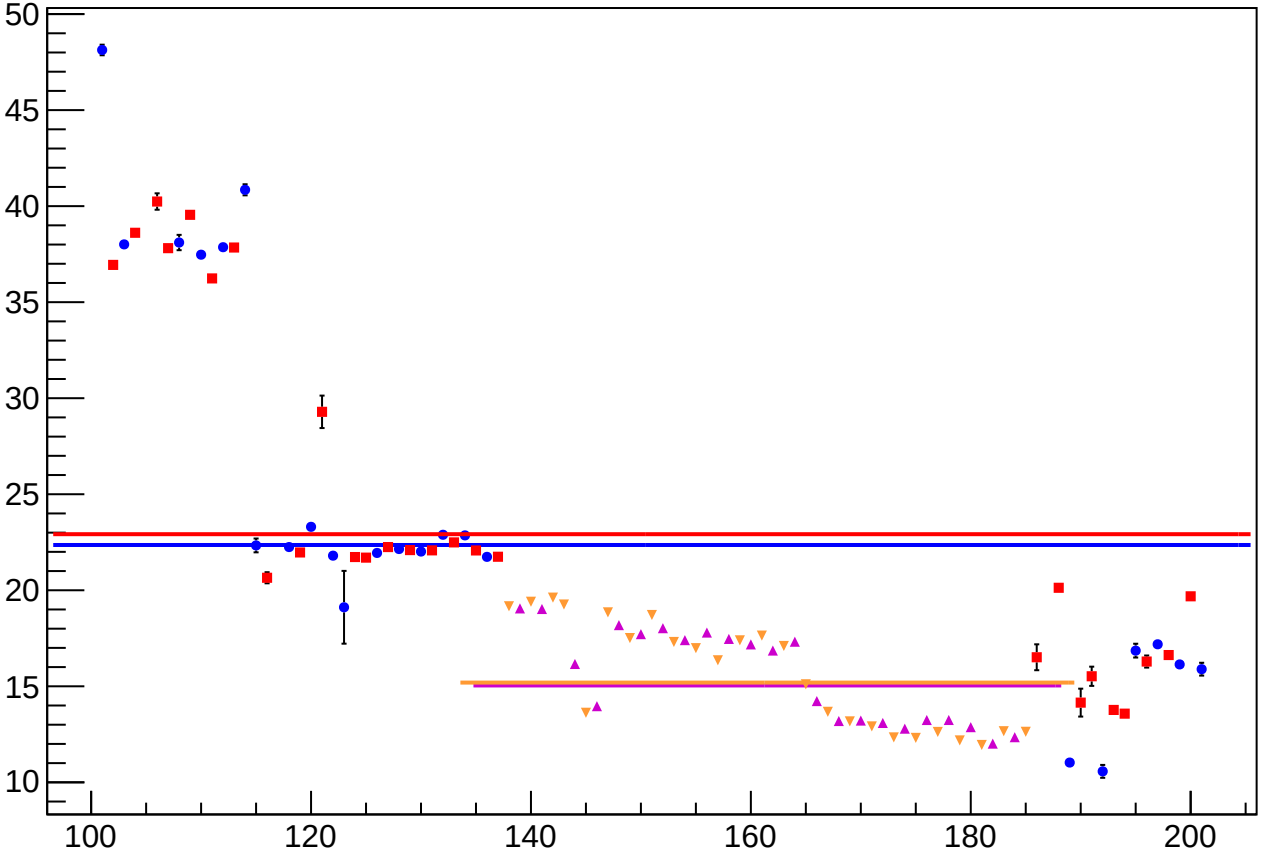
Right: 0.830+/-0.000 χ^2/NDF: 26728.9/49

In: 0.830+/-0.000 χ^2/NDF:143087.9/45

Out: 0.517+/-0.001 χ^2/NDF:24953.1/51

All: 0.830+/-0.000 χ^2/NDF: 277145.2/97

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.358+/-0.009 χ^2/NDF: 128521.6/22

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.920+/-0.009 χ^2/NDF: 171681.7/26

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

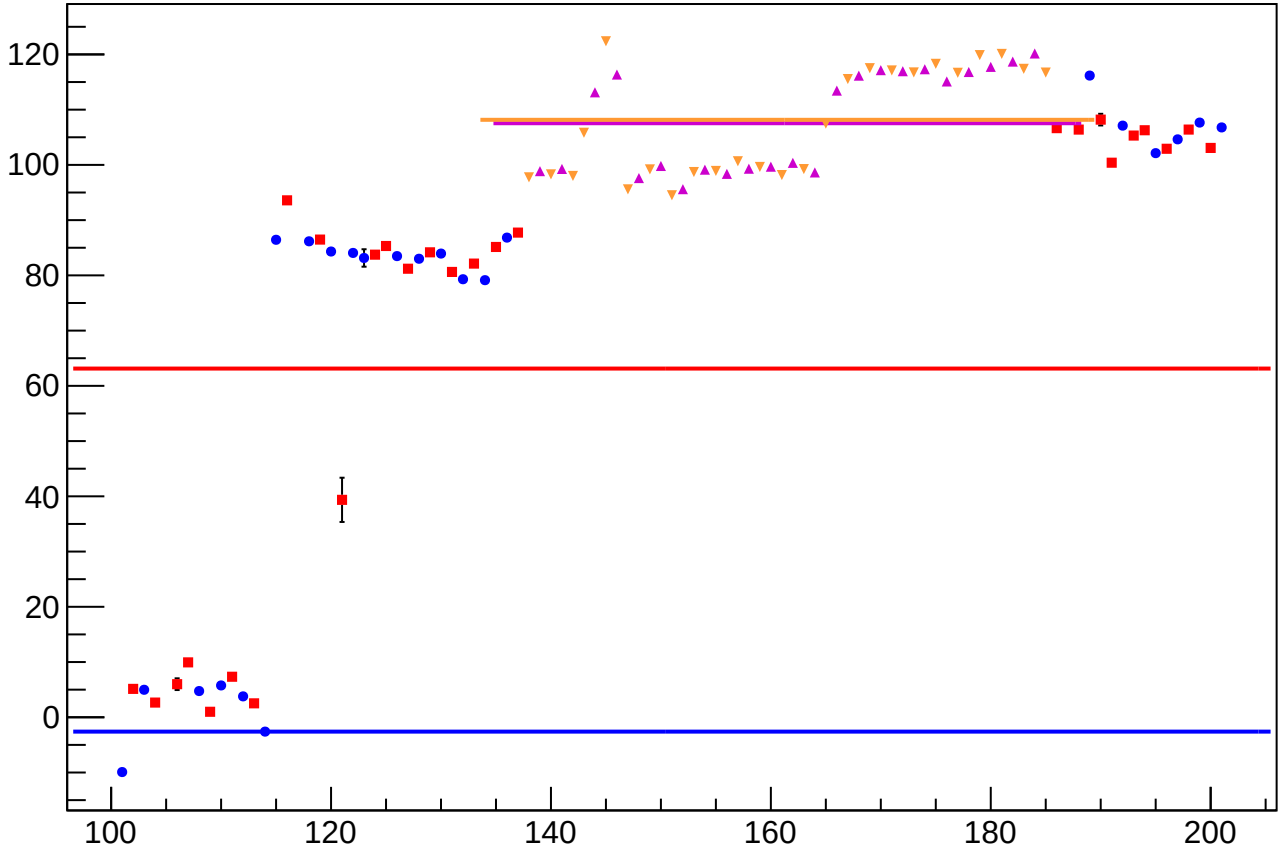
Right: 22.646+/-0.006 χ^2/NDF: 302107.8/49

In: 16.510+/-0.004 χ^2/NDF:916851.3/45

Out: 16.615+/-0.004 χ^2/NDF:1191433.3/51

All: 16.566+/-0.003 χ^2/NDF: 2108627.6/97

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 8547518.2/22

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 63.129+/-0.030 χ^2/NDF: 1729891.7/26

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

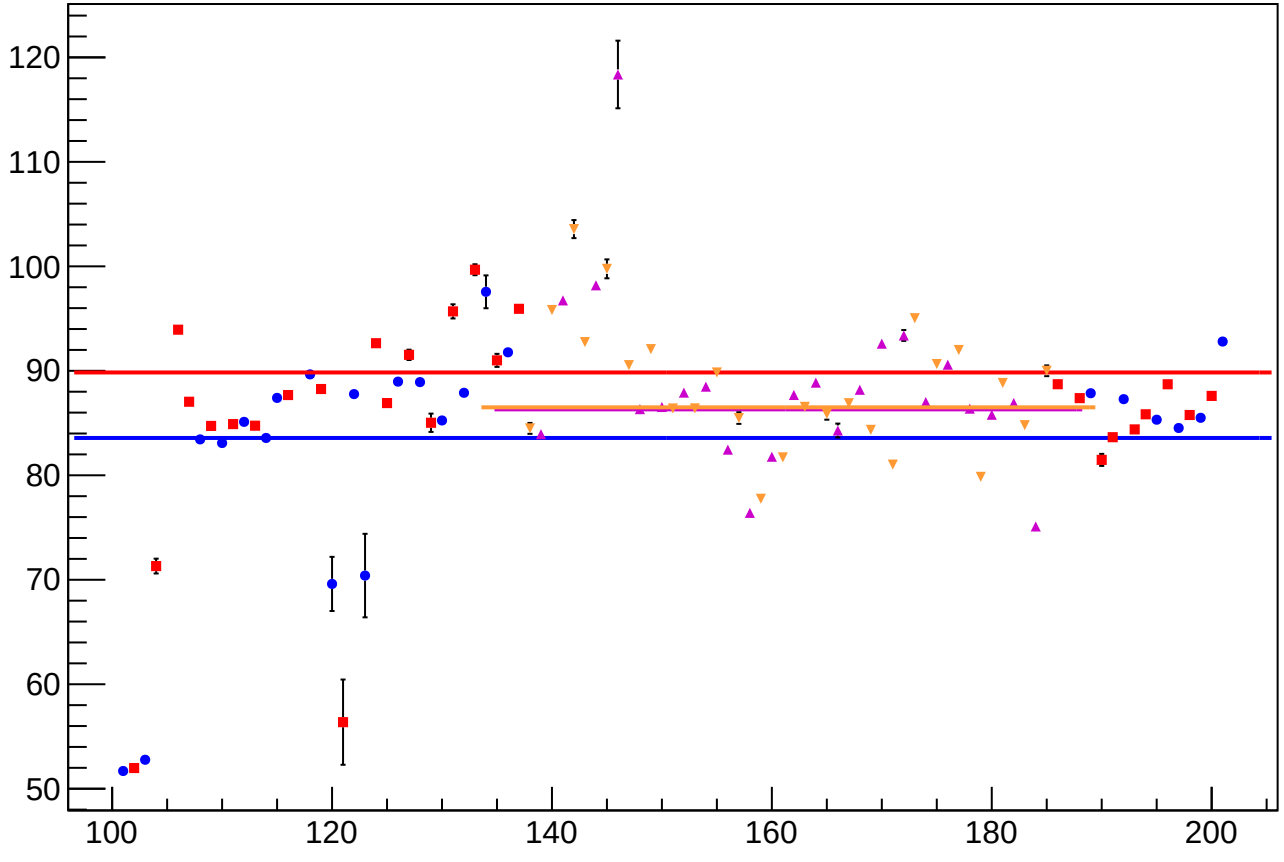
Right: -2.596+/-0.000 χ^2/NDF: 15031568.0/49

In: -2.596+/-0.000 χ^2/NDF:149103514.2/45

Out: 104.245+/-0.009 χ^2/NDF:4844566.4/51

All: -2.596+/-0.000 χ^2/NDF: 298375546.4/97

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 51193.3/22

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 89.842+/-0.020 χ^2/NDF: 77903.6/26

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

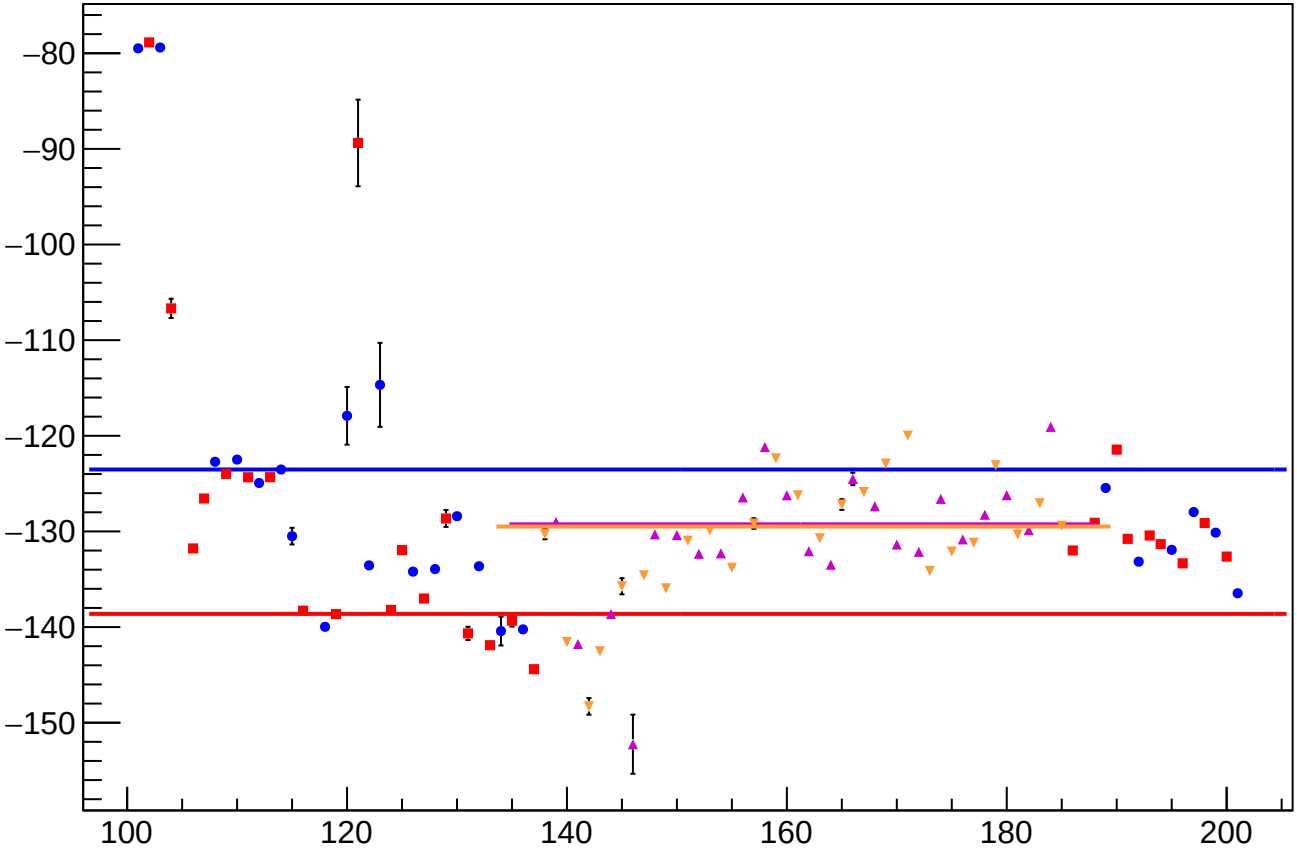
Right: 83.573+/-0.000 χ^2/NDF: 225062.0/49

In: 83.573+/-0.000 χ^2/NDF:62691.9/45

Out: 89.501+/-0.019 χ^2/NDF:89241.2/51

All: 83.573+/-0.000 χ^2/NDF: 247507.8/97

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 180760.5/22

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.620+/-0.016 χ^2/NDF: 300159.7/26

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

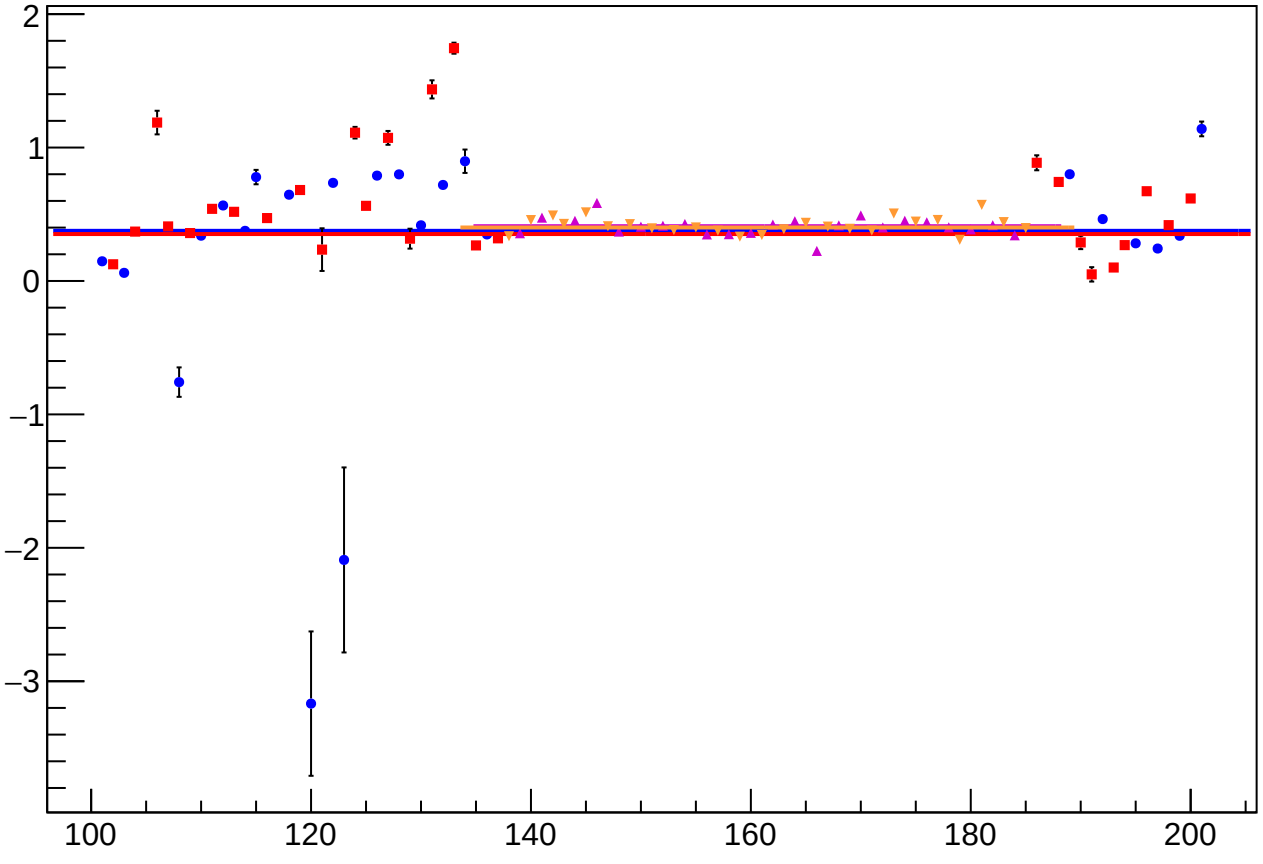
Right: -123.524+/-0.000 χ^2/NDF: 1340913.2/49

In: -123.524+/-0.000 χ^2/NDF:199681.6/45

Out: -137.979+/-0.016 χ^2/NDF:333033.6/51

All: -123.524+/-0.000 χ^2/NDF: 1380769.3/97

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 4511.8/22

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.352+/-0.001 χ^2/NDF: 6828.1/26

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

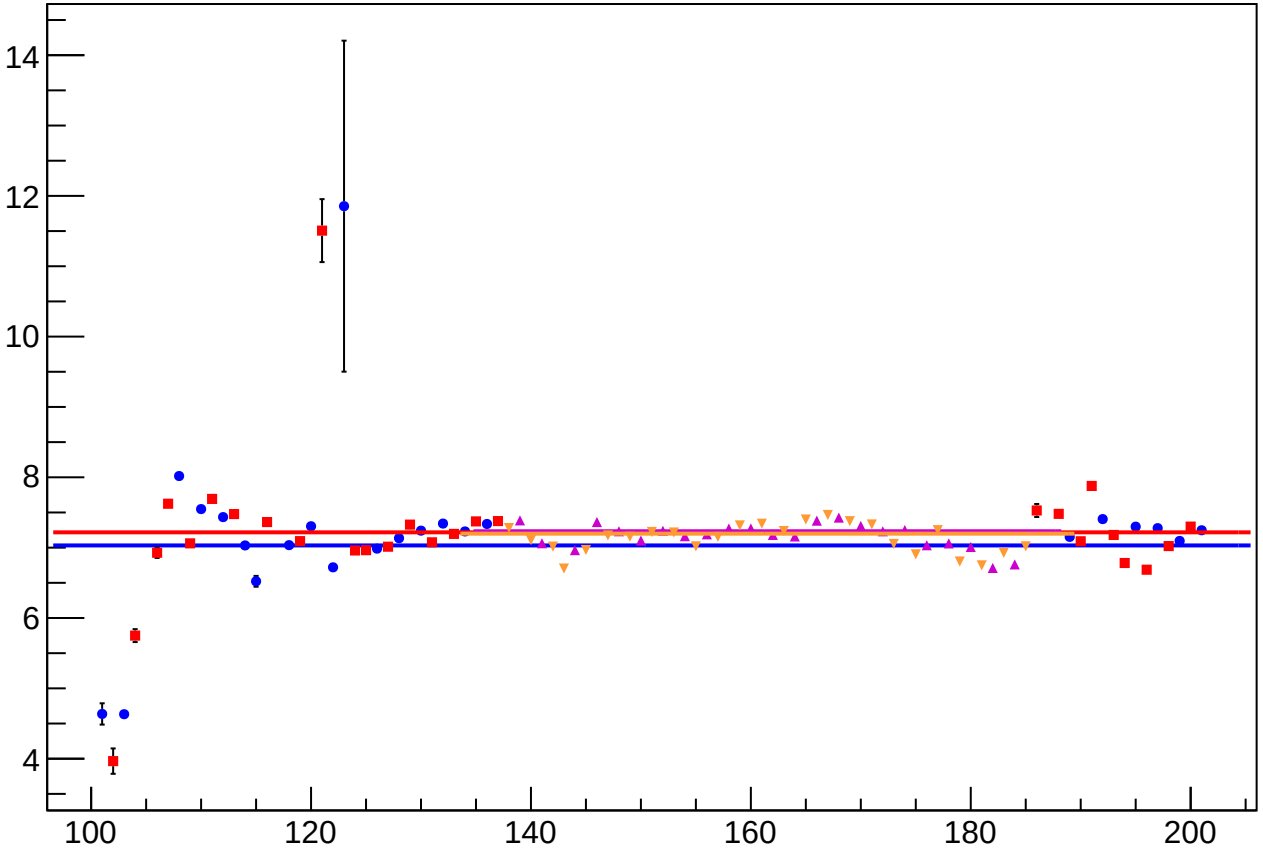
Right: 0.376+/-0.000 χ^2/NDF: 11617.7/49

In: 0.376+/-0.000 χ^2/NDF:18882.8/45

Out: 0.396+/-0.000 χ^2/NDF:16890.7/51

All: 0.376+/-0.000 χ^2/NDF: 37529.2/97

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 20792.7/22

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.218+/-0.002 χ^2/NDF: 10770.7/26

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

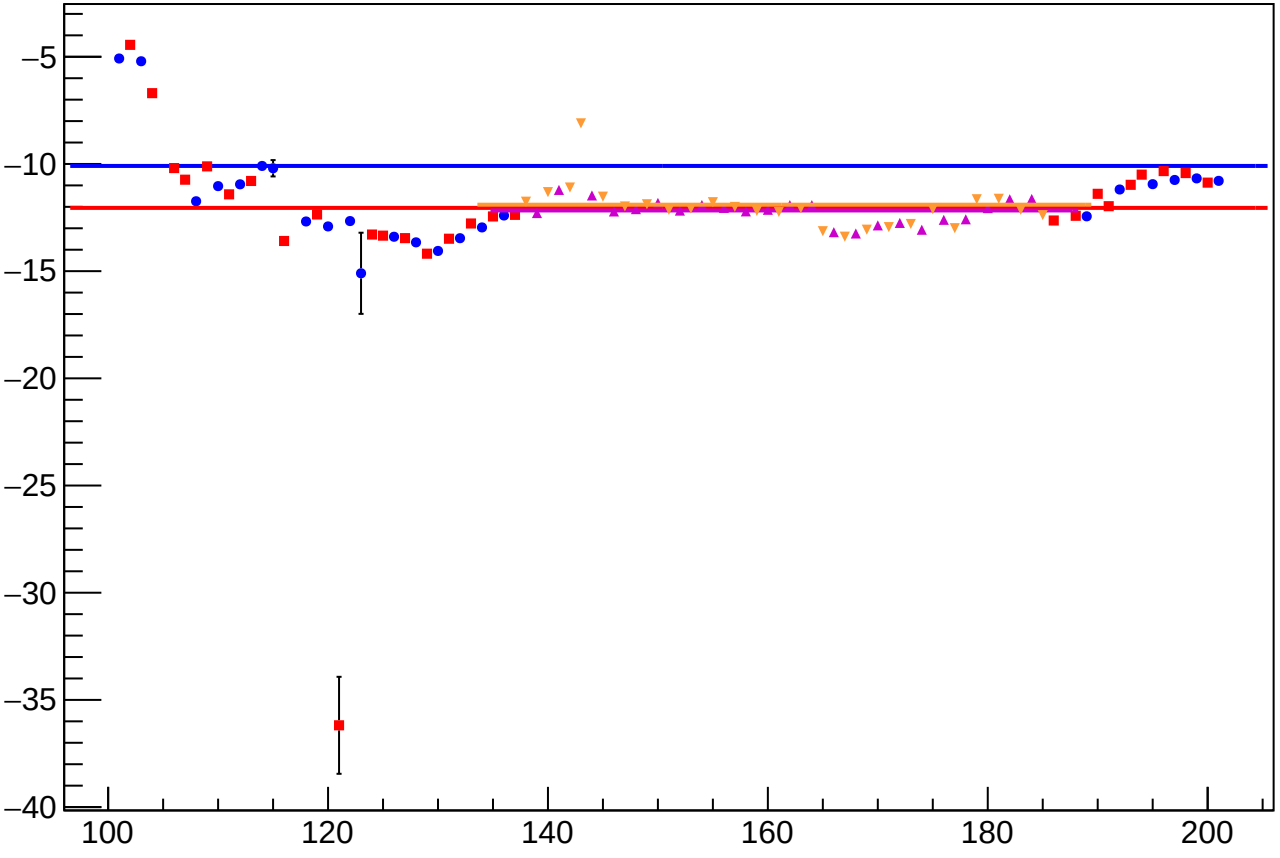
Right: 7.032+/-0.000 χ^2/NDF: 38516.2/49

In: 7.032+/-0.000 χ^2/NDF:102639.0/45

Out: 7.201+/-0.001 χ^2/NDF:48286.8/51

All: 7.032+/-0.000 χ^2/NDF: 192167.2/97

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 555411.3/22

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.049+/-0.003 χ^2/NDF: 164349.9/26

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

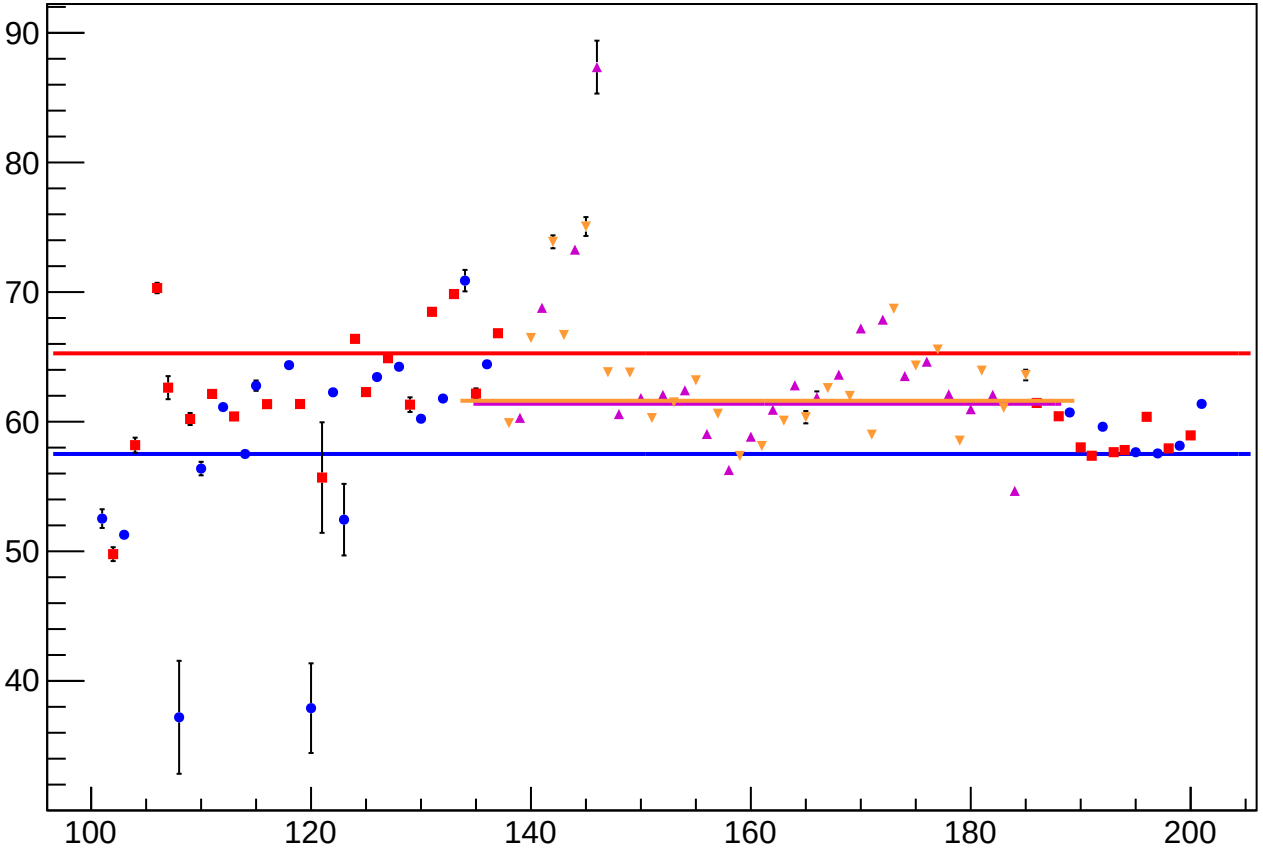
Right: -10.092+/-0.000 χ^2/NDF: 1102517.5/49

In: -10.092+/-0.000 χ^2/NDF:2087827.0/45

Out: -11.933+/-0.001 χ^2/NDF:664946.0/51

All: -10.092+/-0.000 χ^2/NDF: 4276896.9/97

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 9929.3/22

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.272+/-0.012 χ^2/NDF: 74243.4/26

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

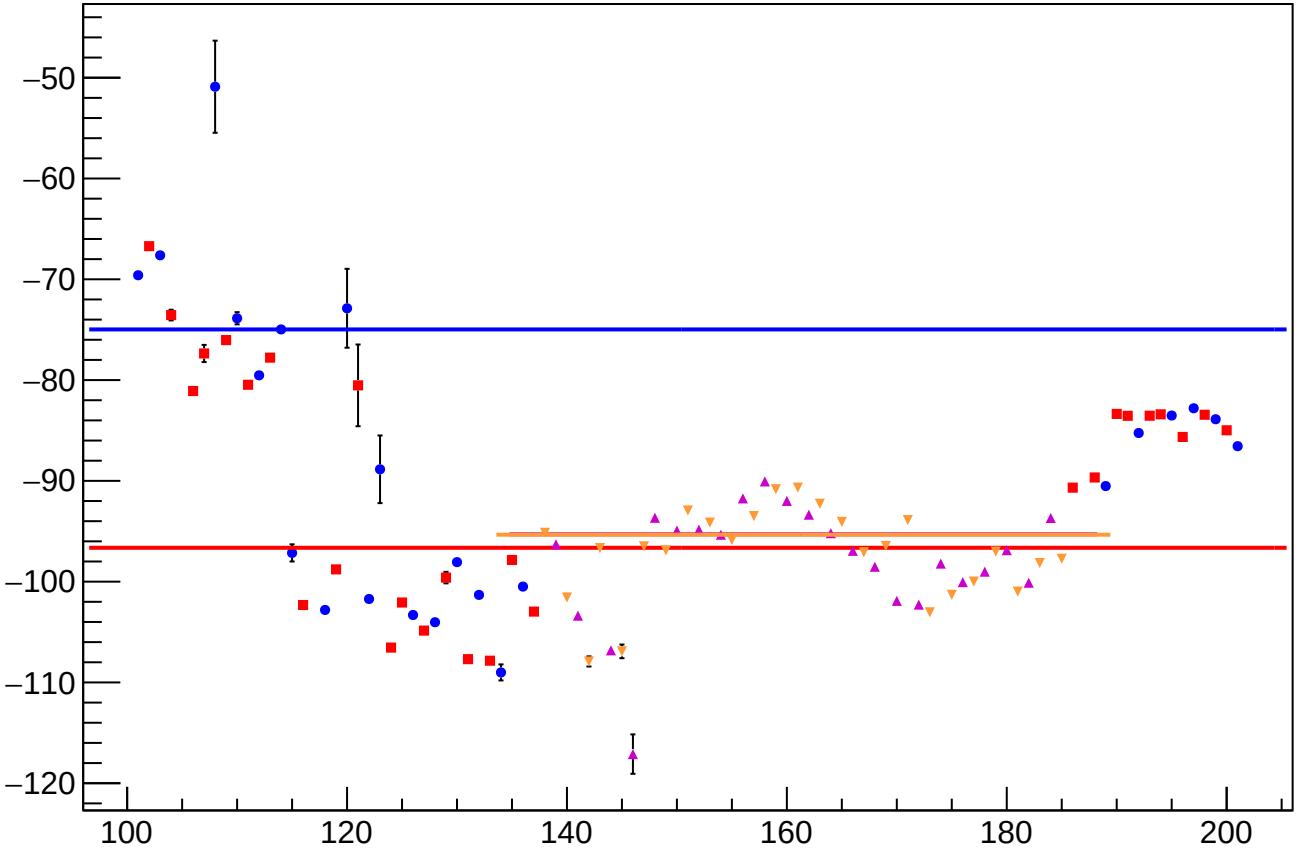
Right: 57.510+/-0.000 χ^2/NDF: 508133.8/49

In: 57.510+/-0.000 χ^2/NDF:32982.0/45

Out: 64.958+/-0.011 χ^2/NDF:90084.5/51

All: 57.510+/-0.000 χ^2/NDF: 550084.3/97

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 213321.5/22

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -96.639+/-0.015 χ^2/NDF: 378346.3/26

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

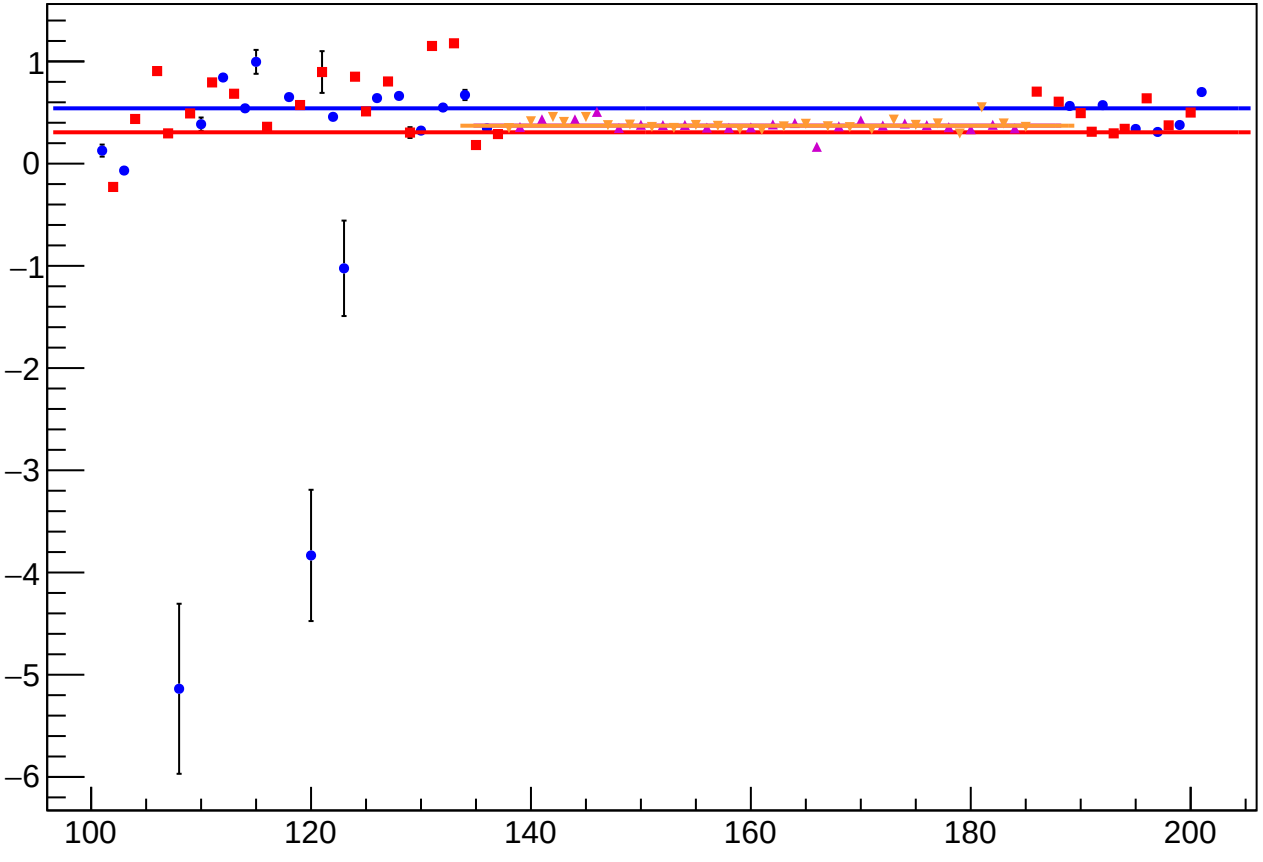
Right: -74.974+/-0.000 χ^2/NDF: 2789301.4/49

In: -74.974+/-0.000 χ^2/NDF:599545.1/45

Out: -96.477+/-0.014 χ^2/NDF:388715.9/51

All: -74.974+/-0.000 χ^2/NDF: 3461873.6/97

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 30984.8/22

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.307+/-0.001 χ^2/NDF: 11980.9/26

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

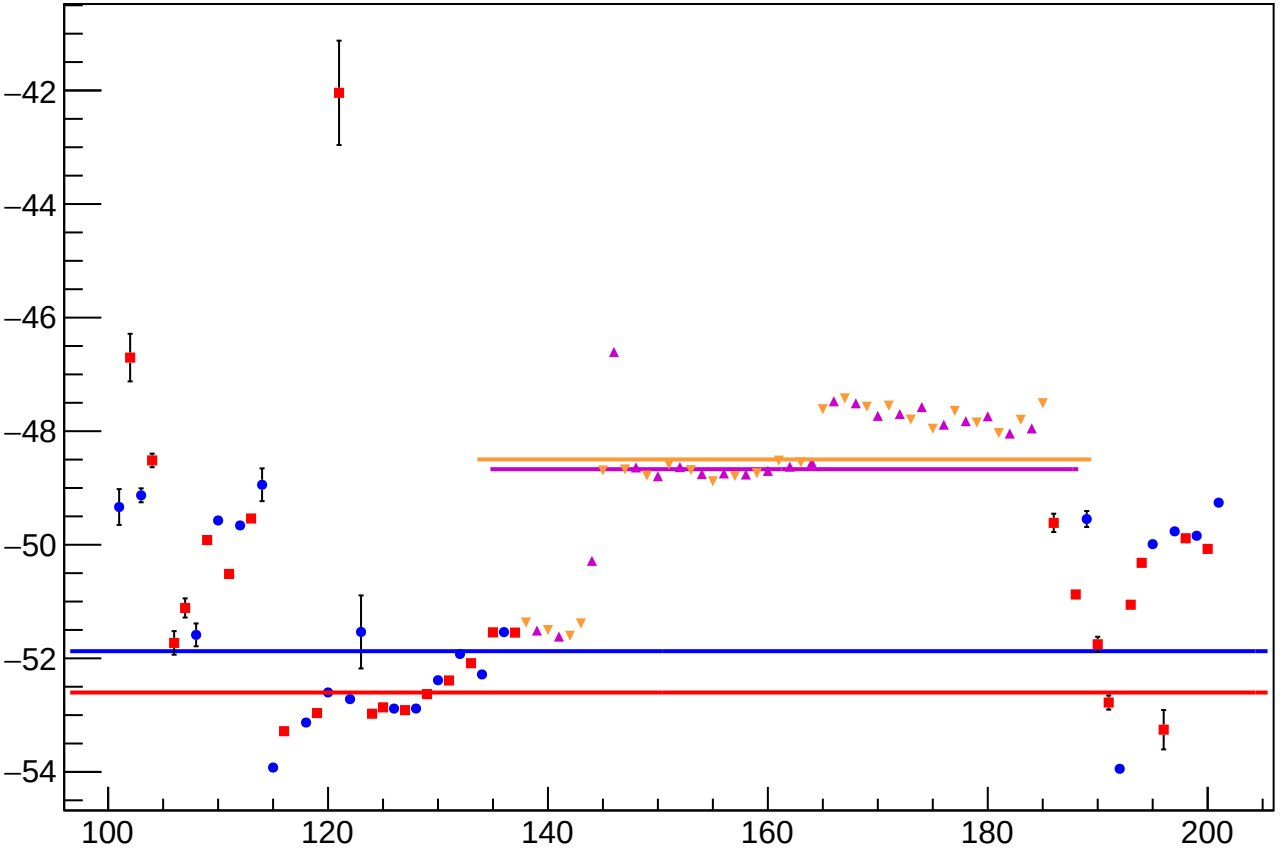
Right: 0.541+/-0.000 χ^2/NDF: 130692.0/49

In: 0.541+/-0.000 χ^2/NDF:336121.3/45

Out: 0.360+/-0.000 χ^2/NDF:24237.8/51

All: 0.541+/-0.000 χ^2/NDF: 653939.7/97

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.874+/-0.002 χ^2/NDF: 84759.7/22

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.602+/-0.003 χ^2/NDF: 87974.9/26

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

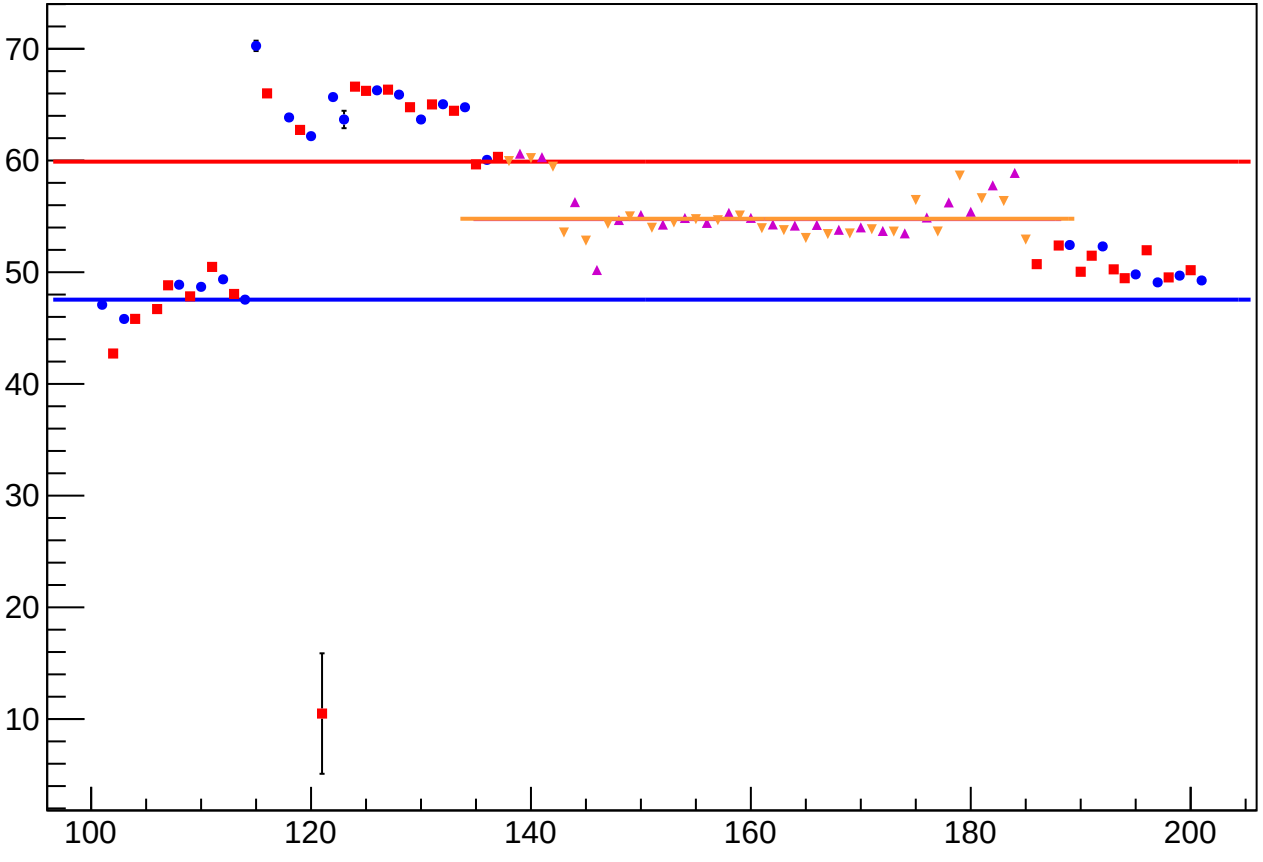
Right: -52.192+/-0.002 χ^2/NDF: 219802.0/49

In: -49.153+/-0.001 χ^2/NDF:2664806.9/45

Out: -49.121+/-0.001 χ^2/NDF:3043271.5/51

All: -49.139+/-0.001 χ^2/NDF: 5708684.7/97

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3612956.1/22

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 59.898+/-0.006 χ^2/NDF: 1085691.4/26

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

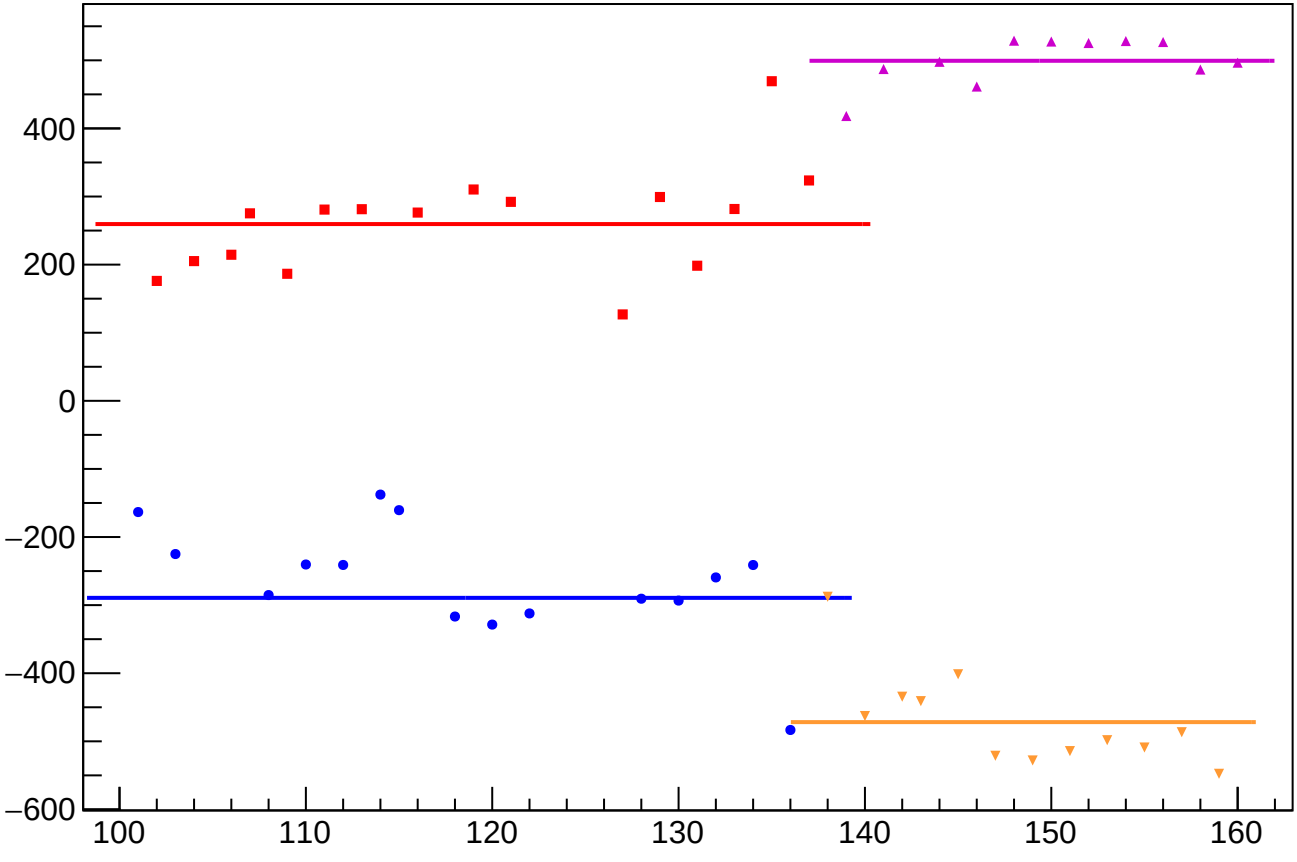
Right: 47.545+/-0.000 χ^2/NDF: 8314192.3/49

In: 47.545+/-0.000 χ^2/NDF:11368515.6/45

Out: 55.658+/-0.003 χ^2/NDF:1900419.5/51

All: 47.545+/-0.000 χ^2/NDF: 22418602.6/97

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

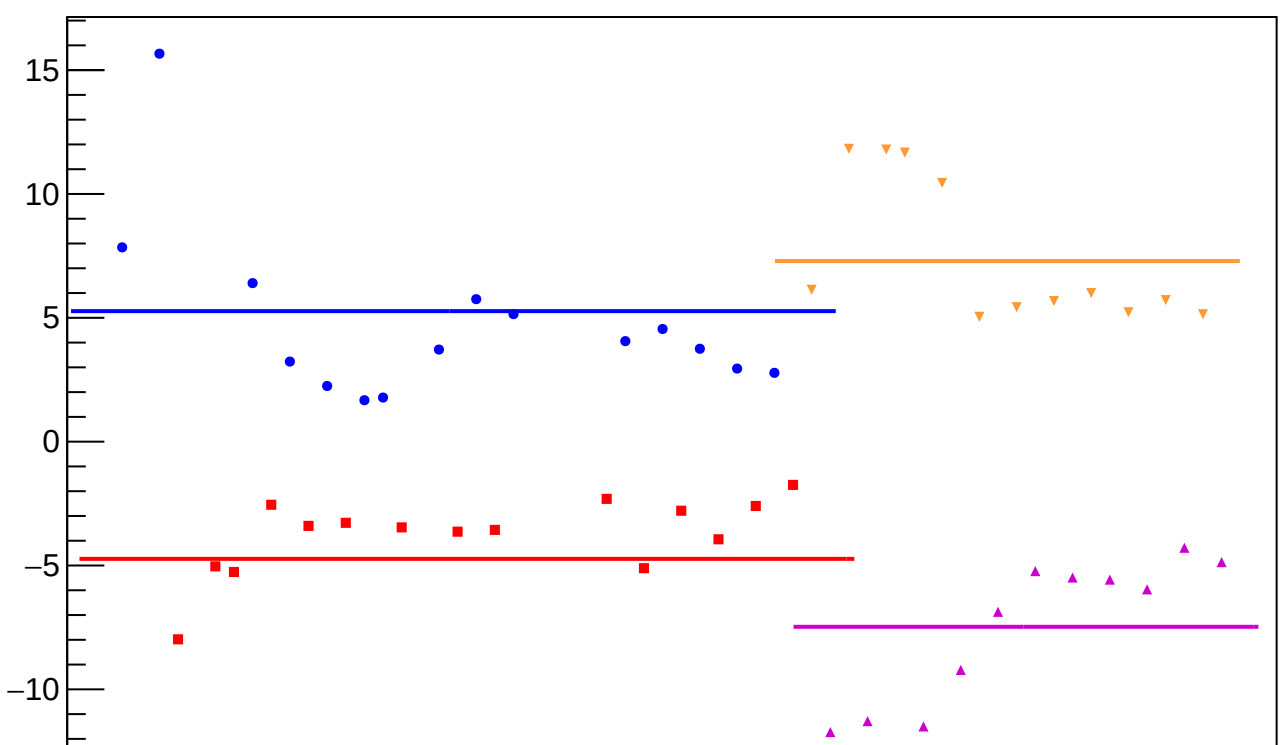
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

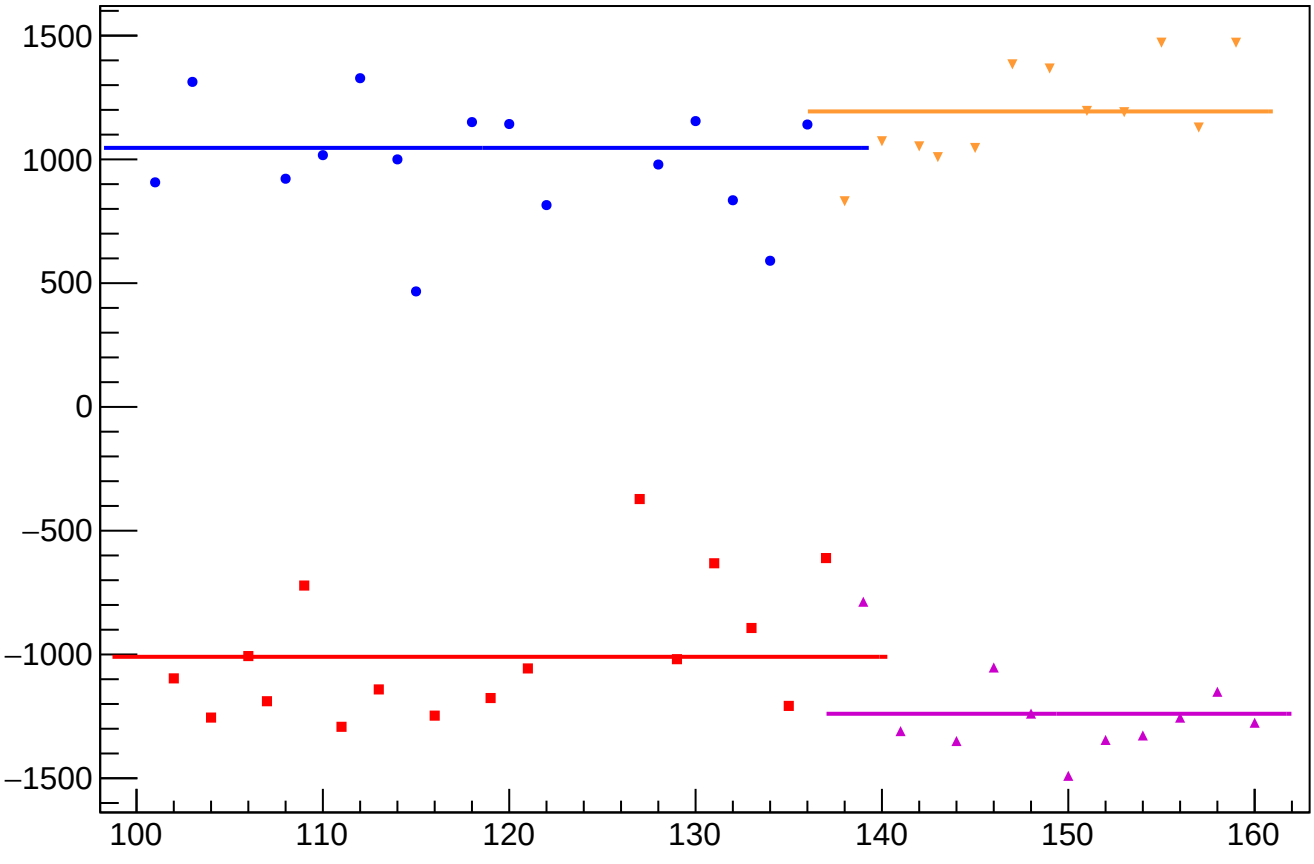
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

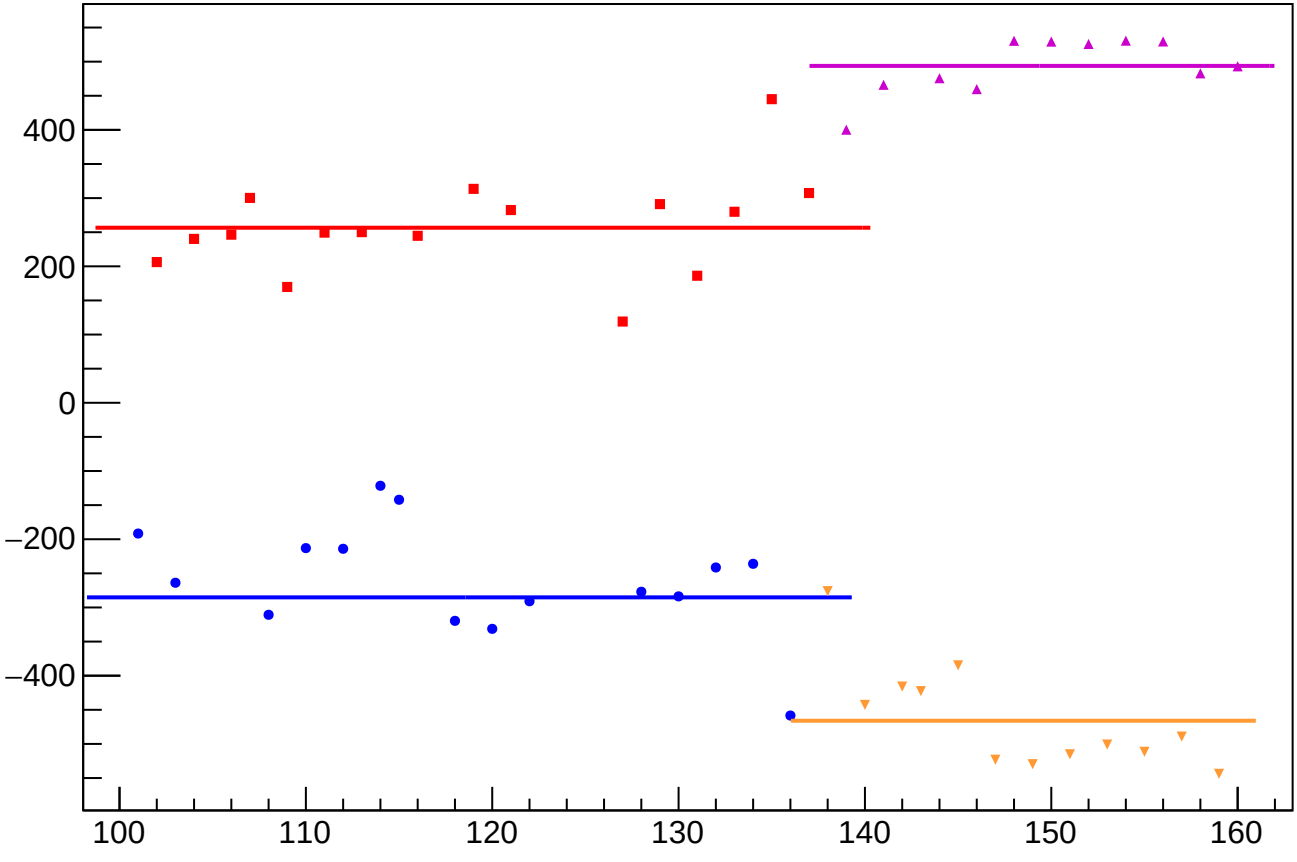
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



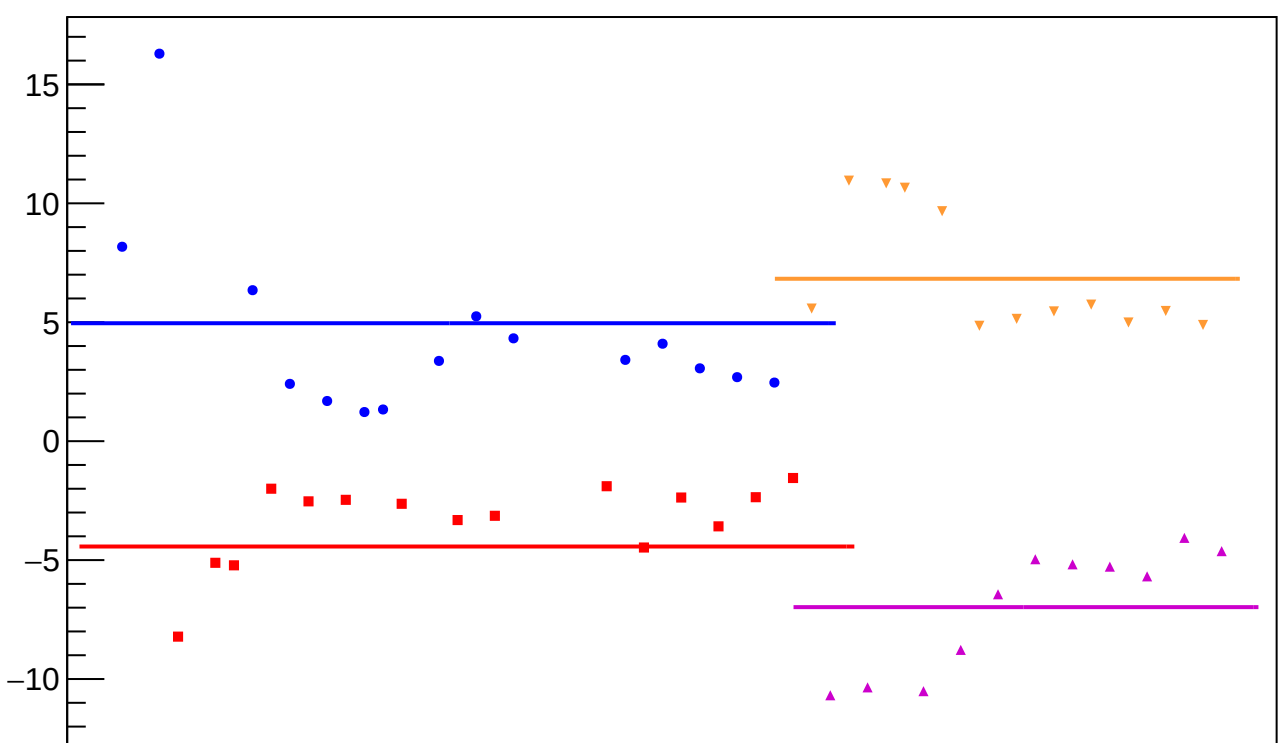
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

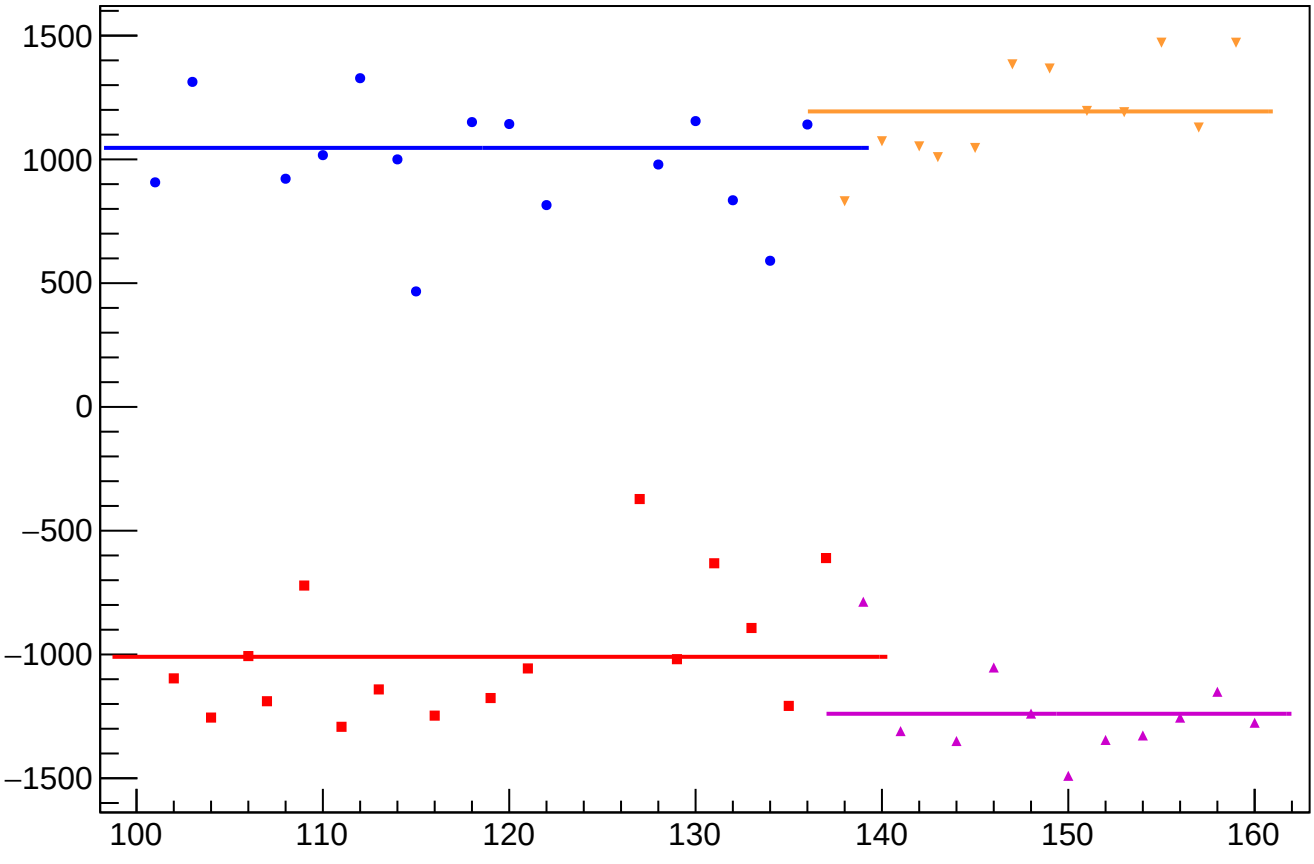
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

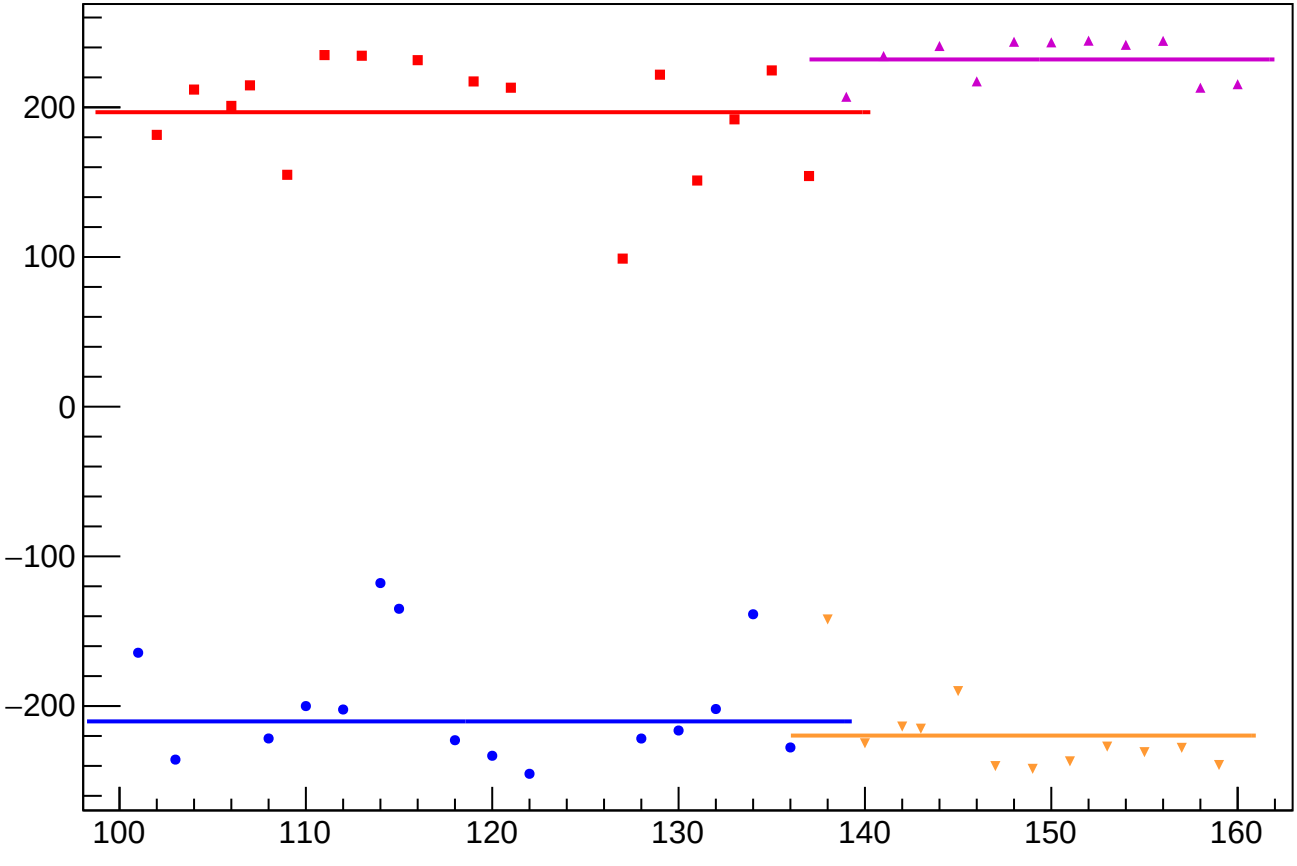
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

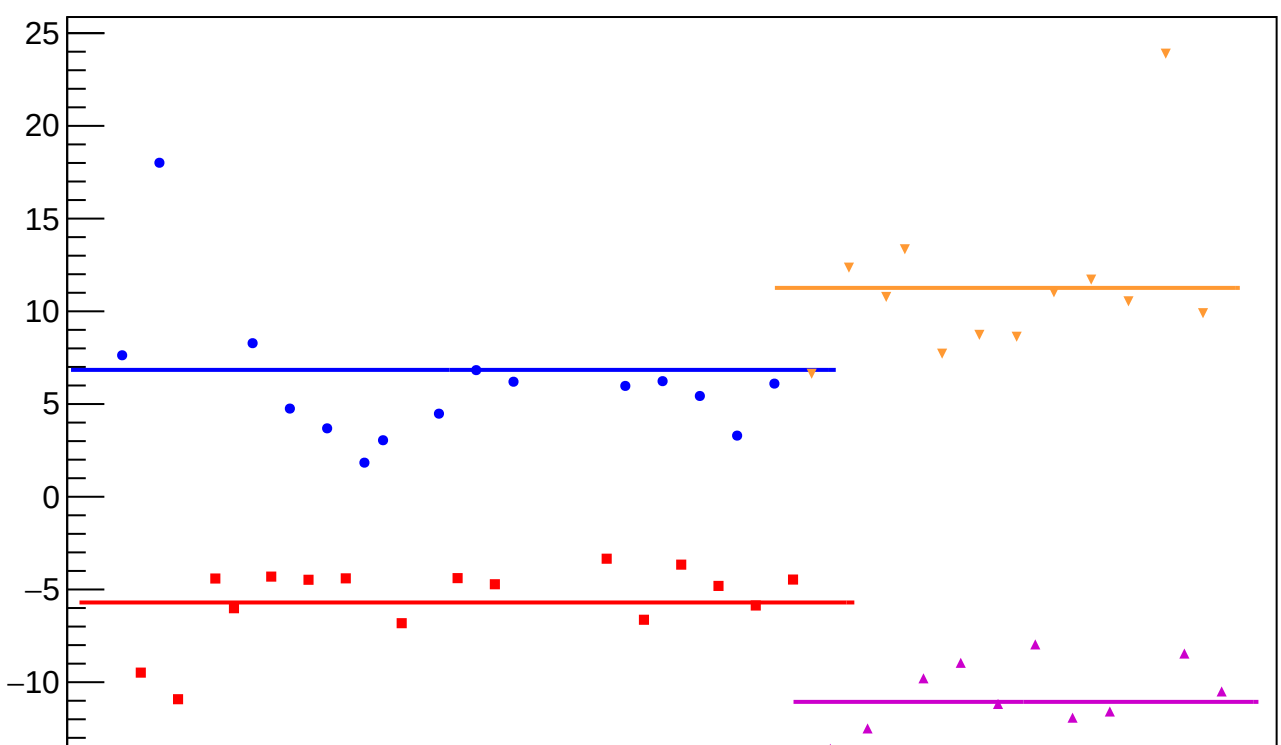
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

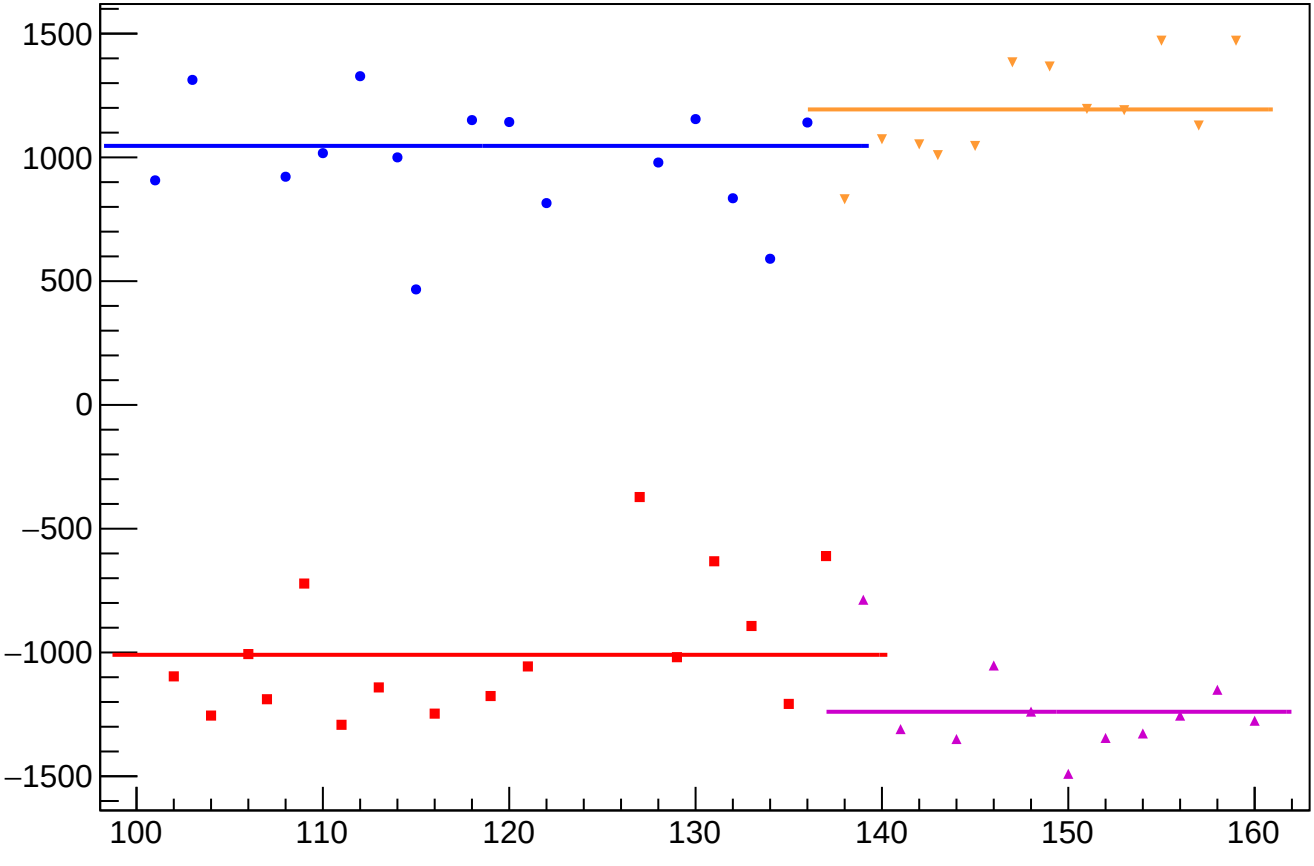
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

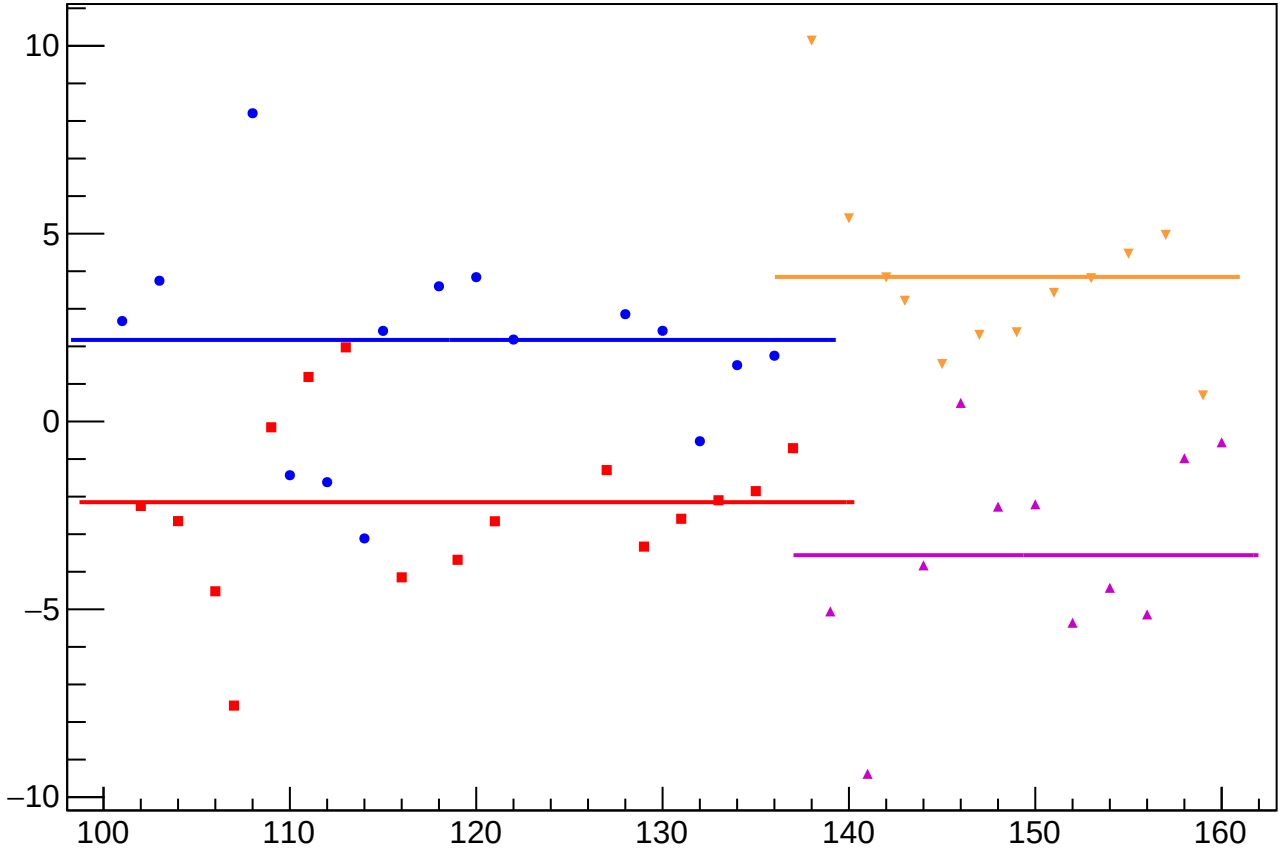
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

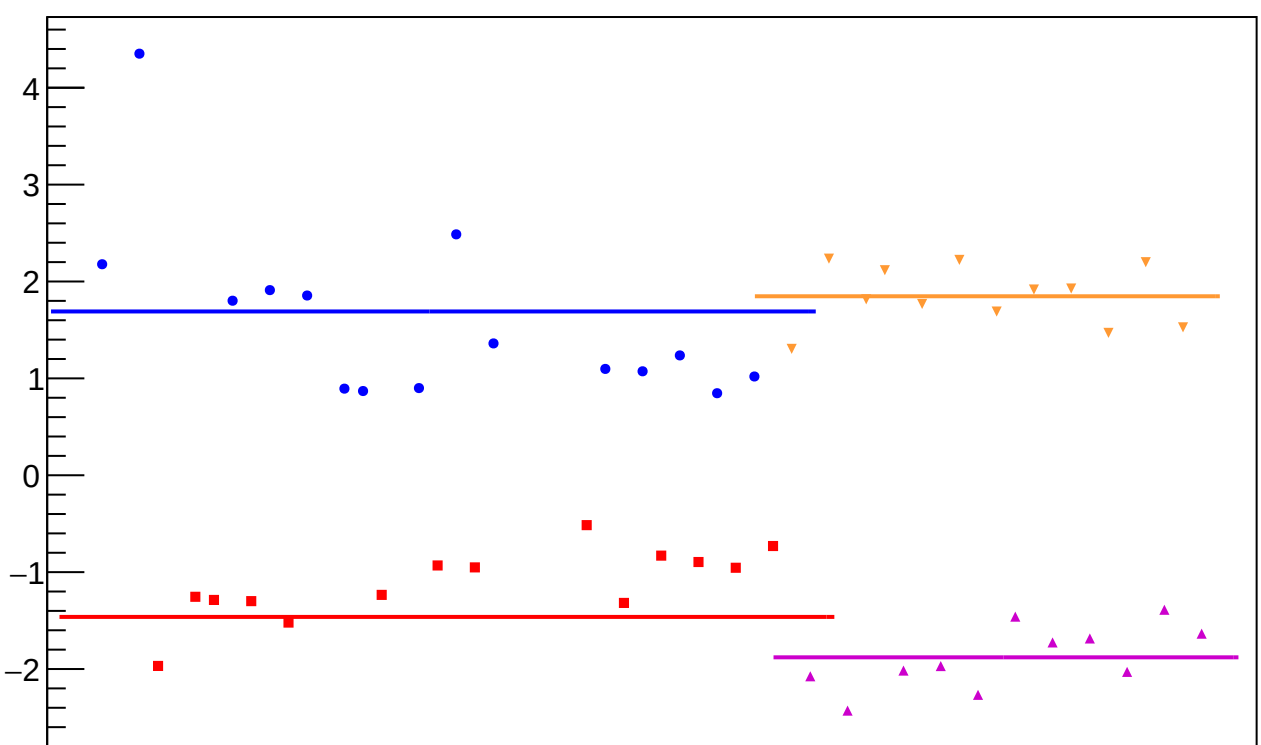
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

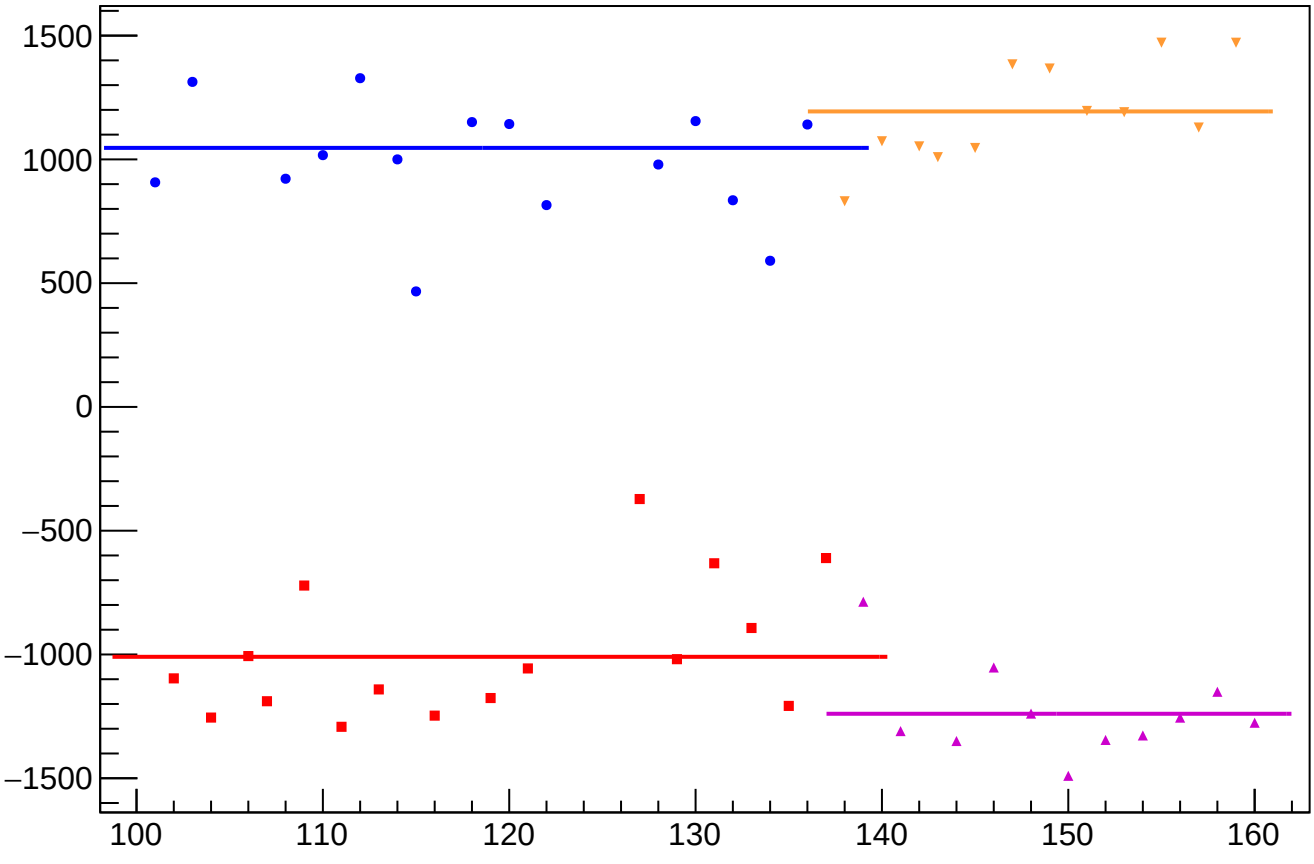
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

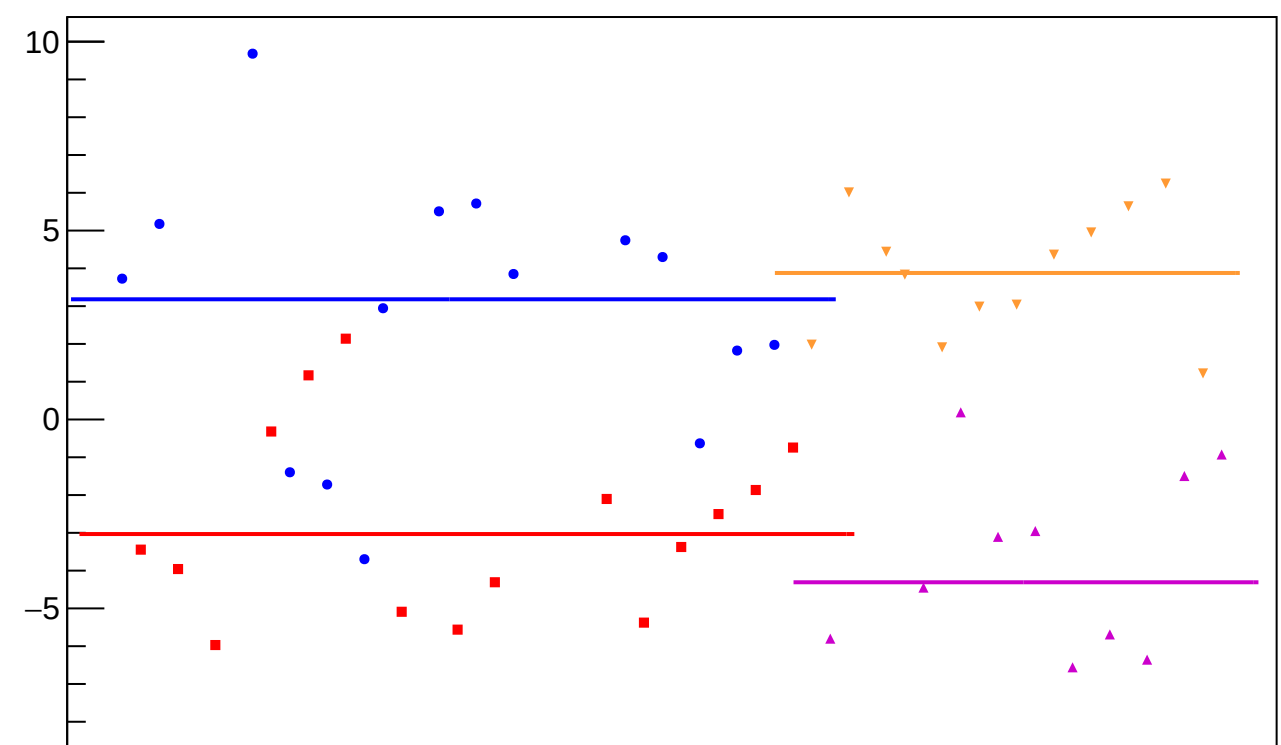
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

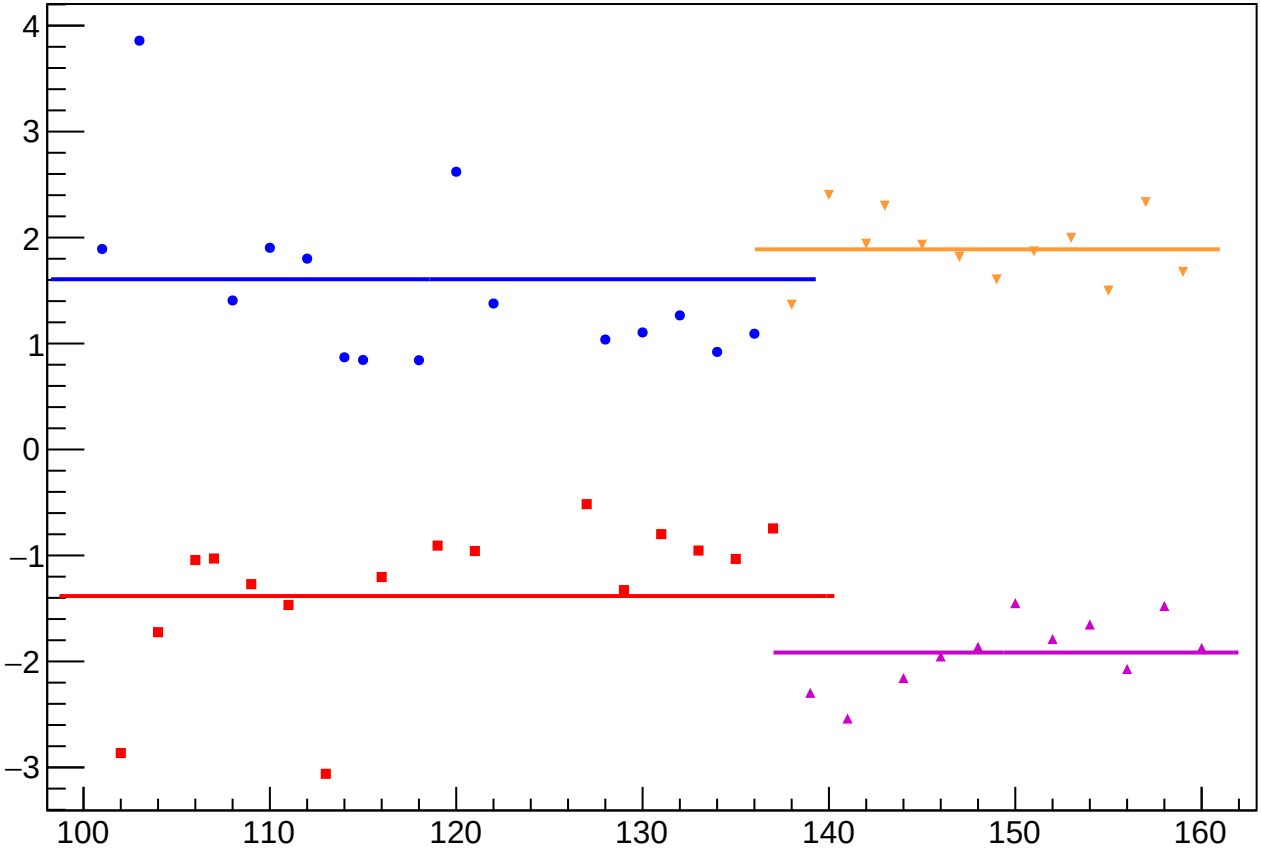
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

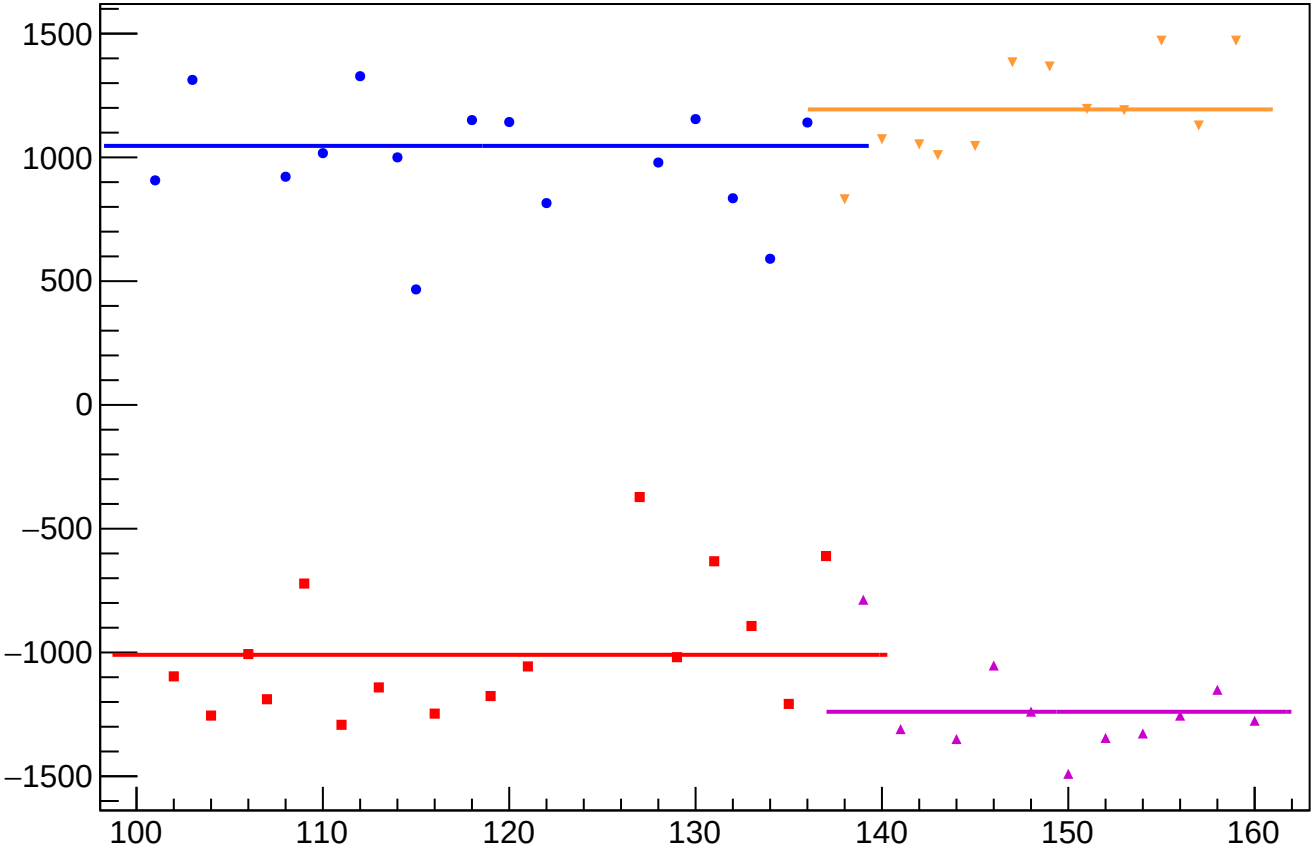
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

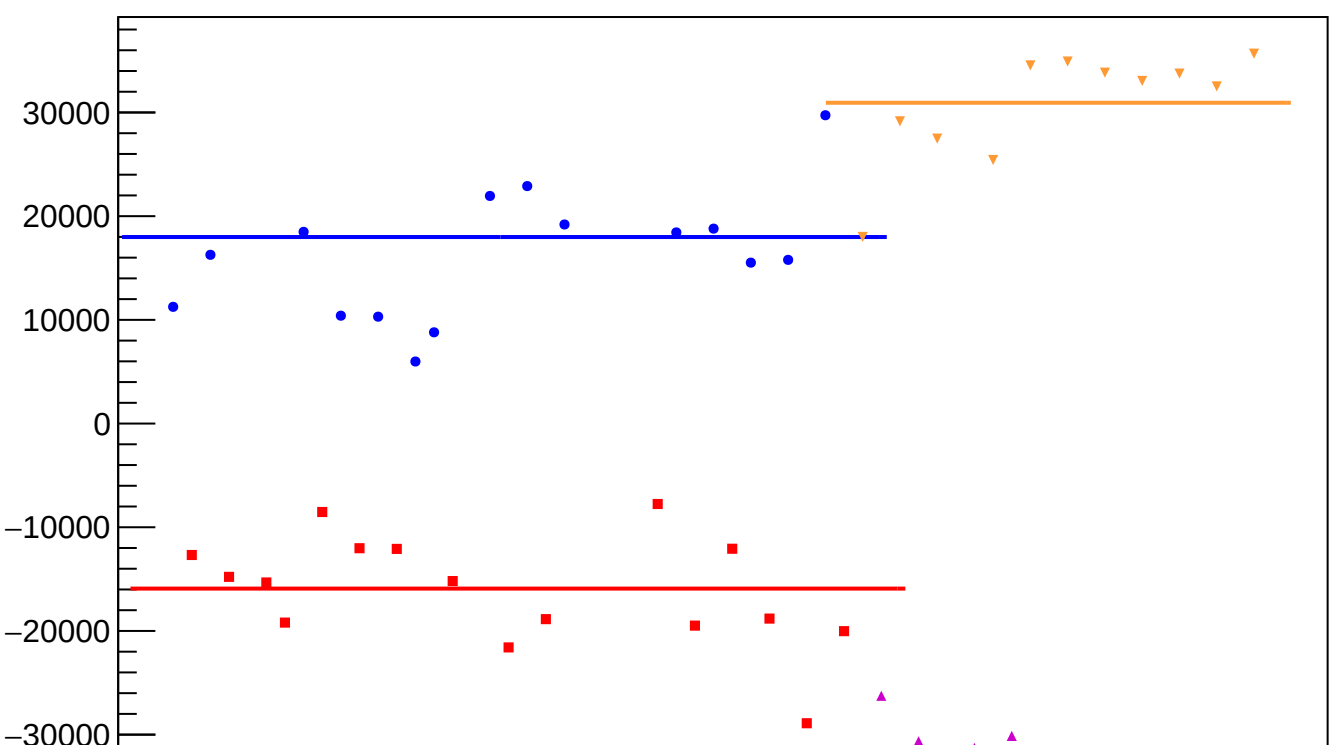
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



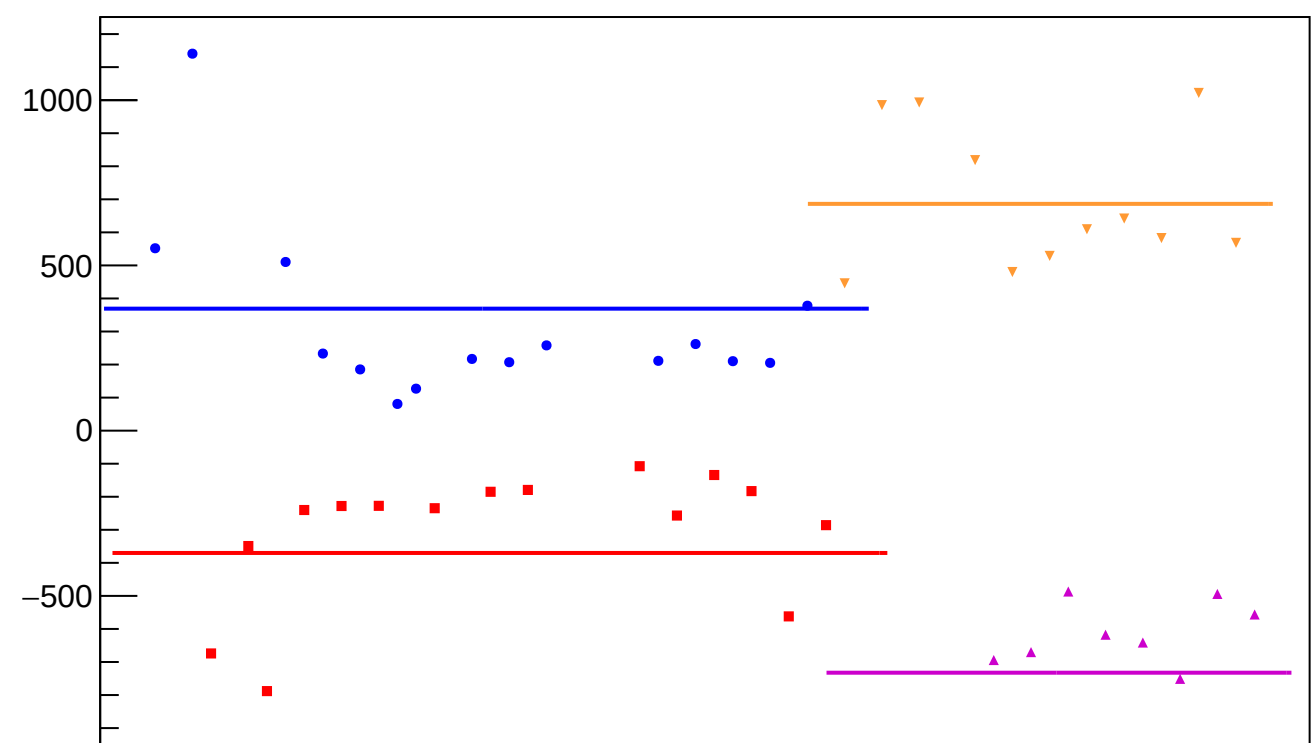
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



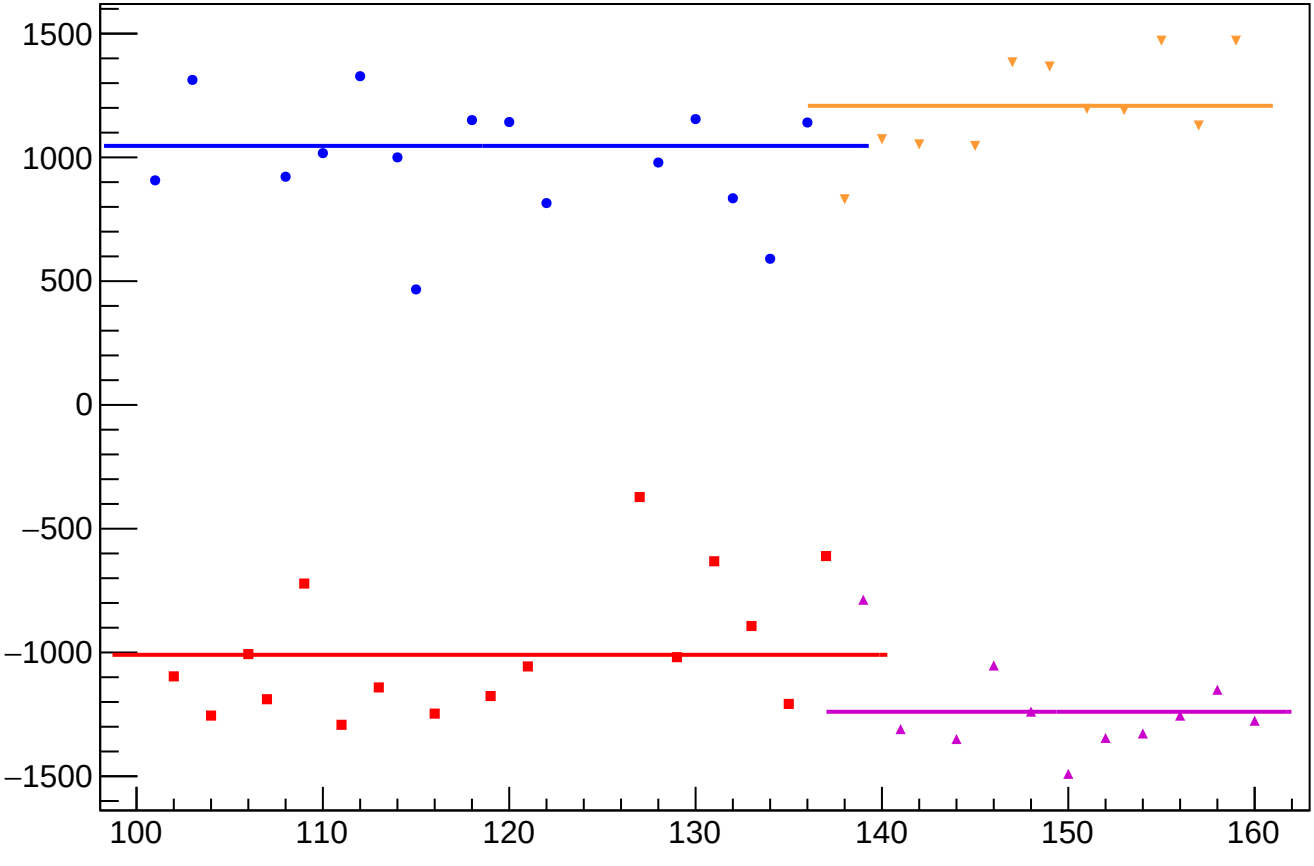
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

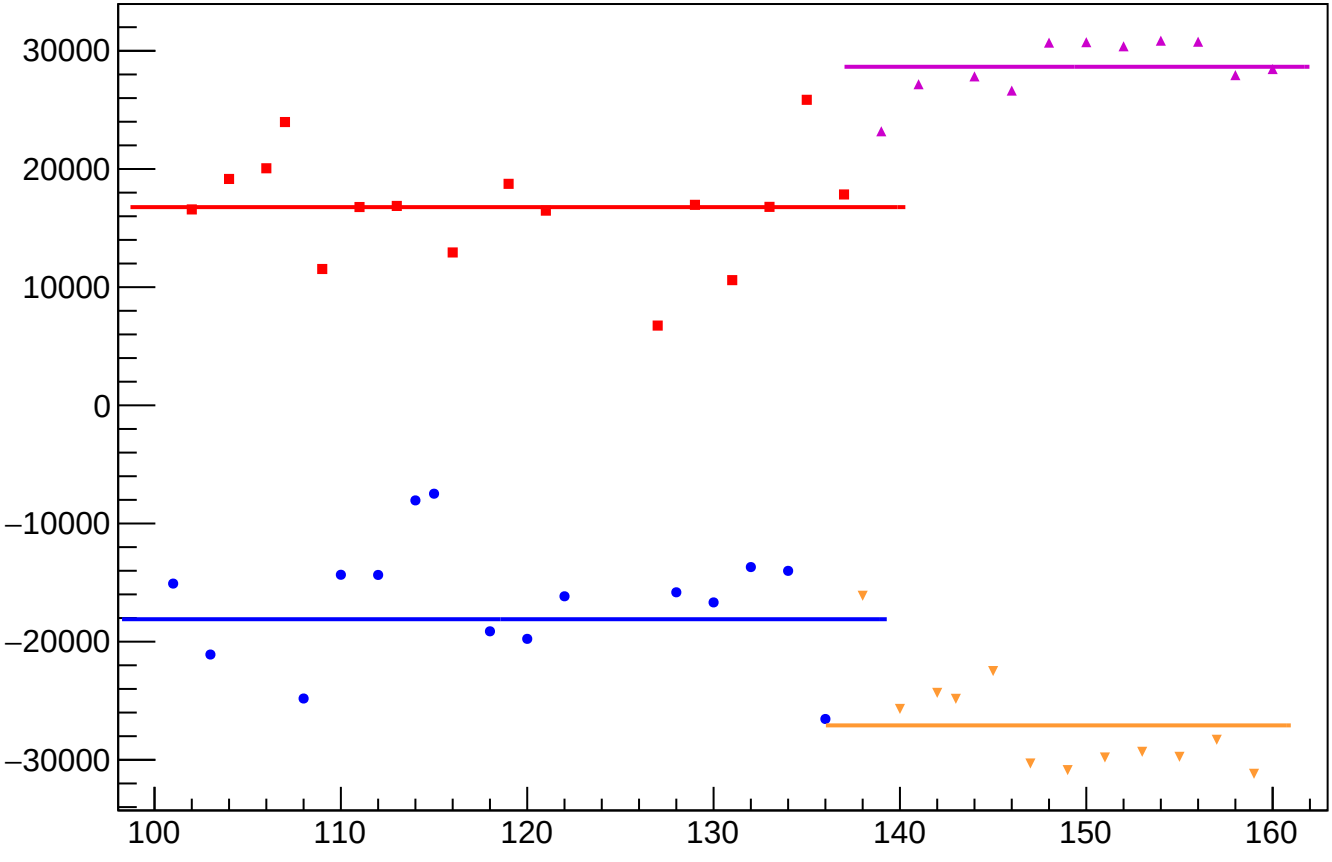
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

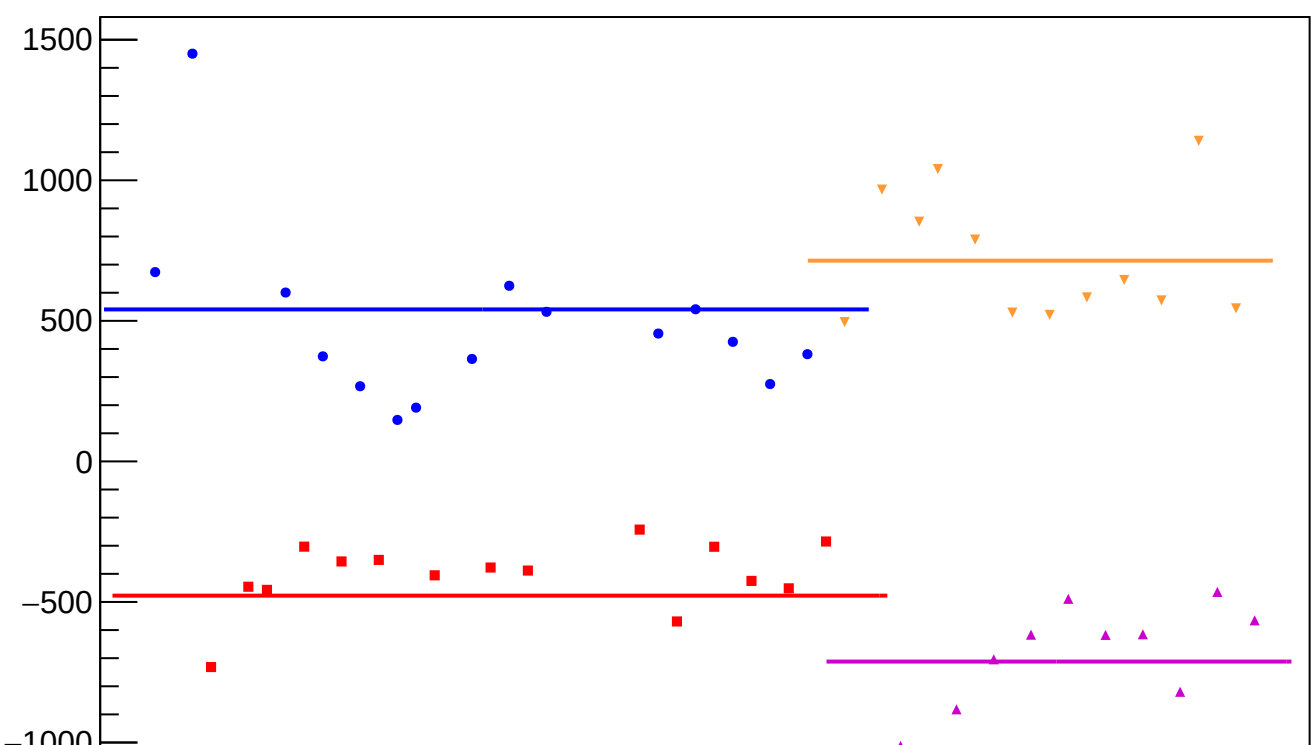
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

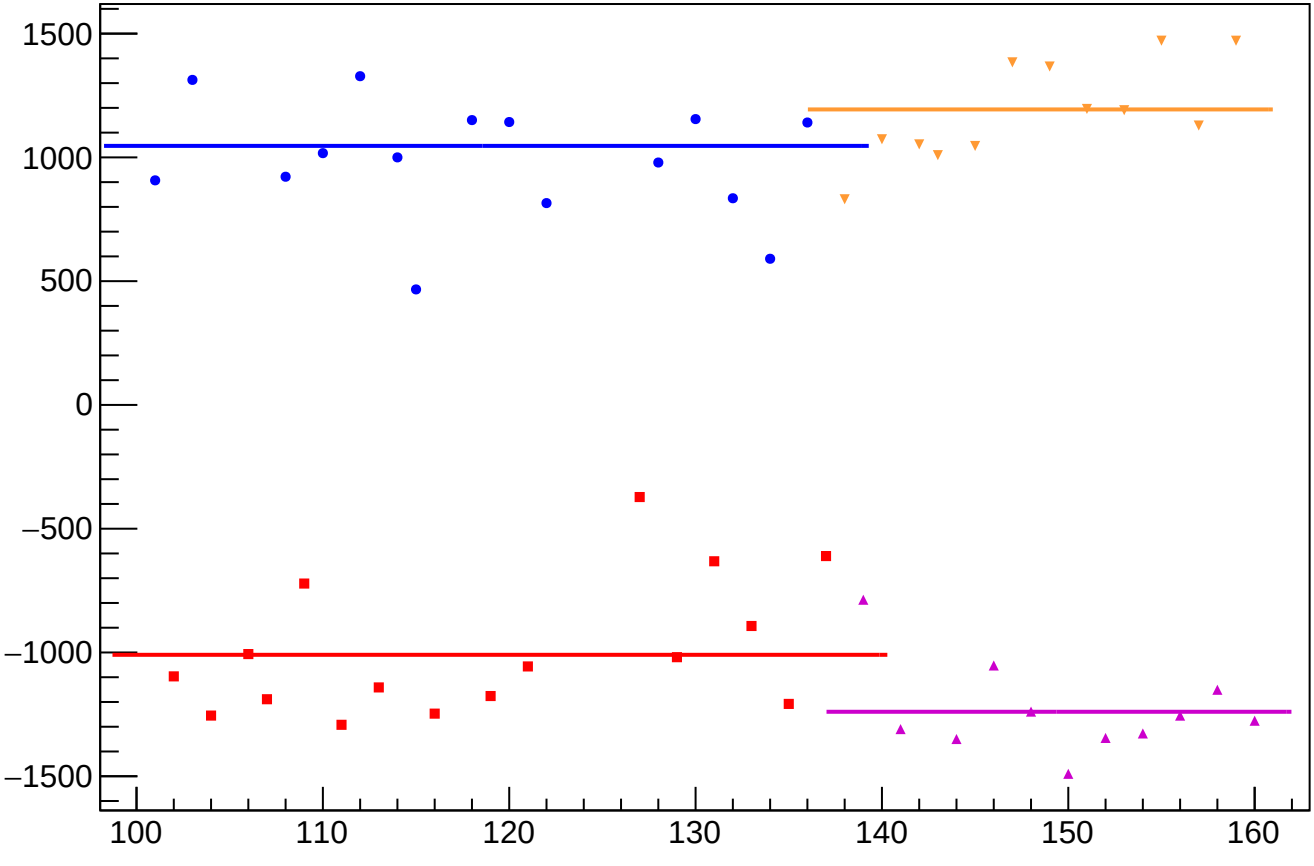
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

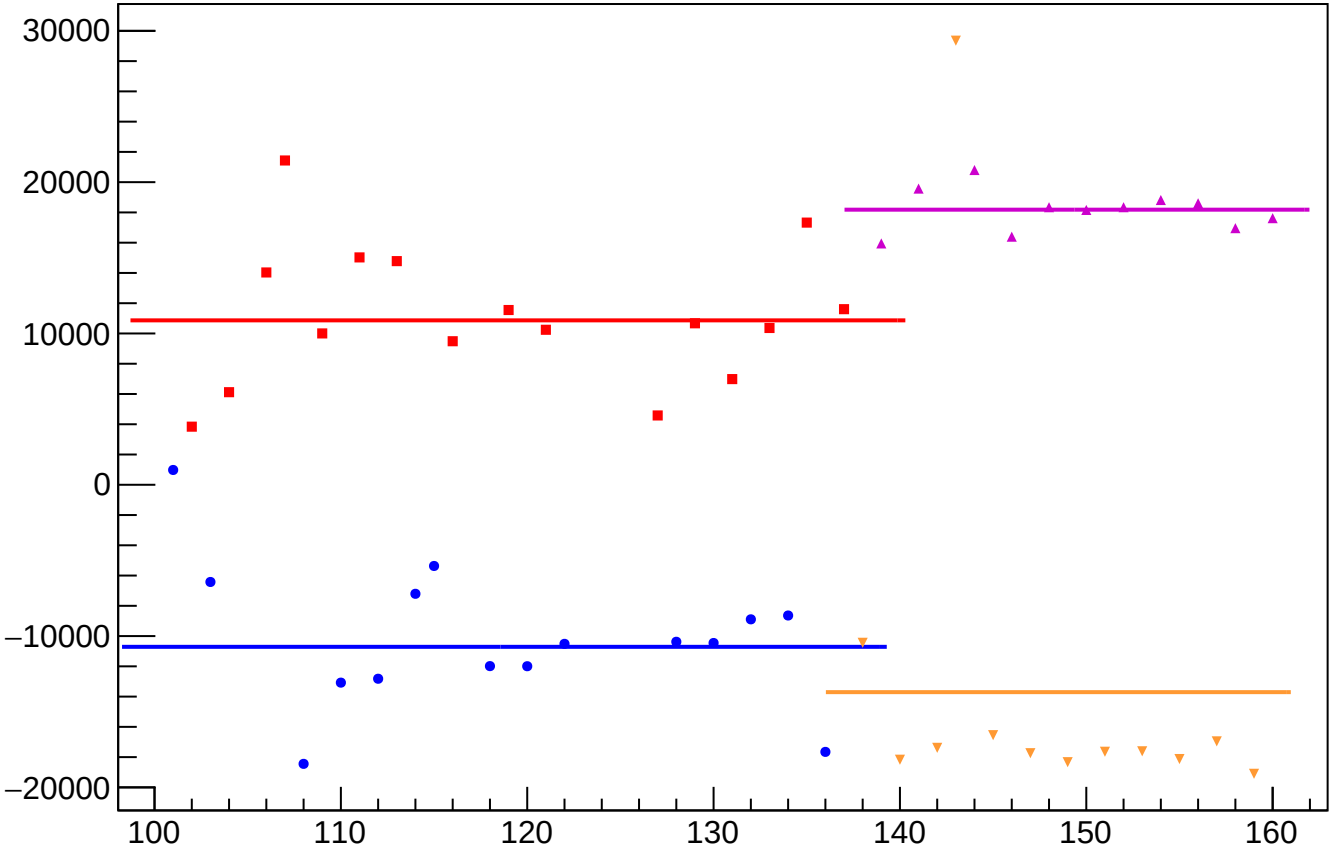
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

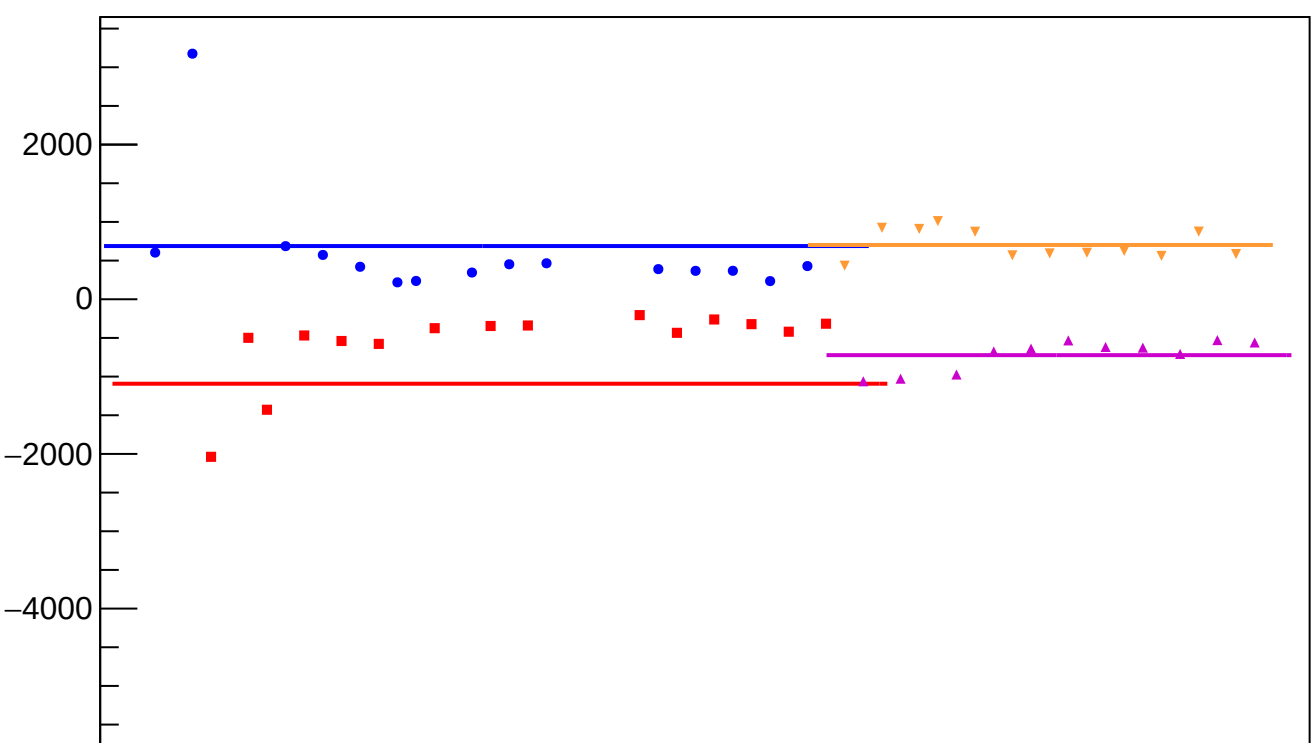
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

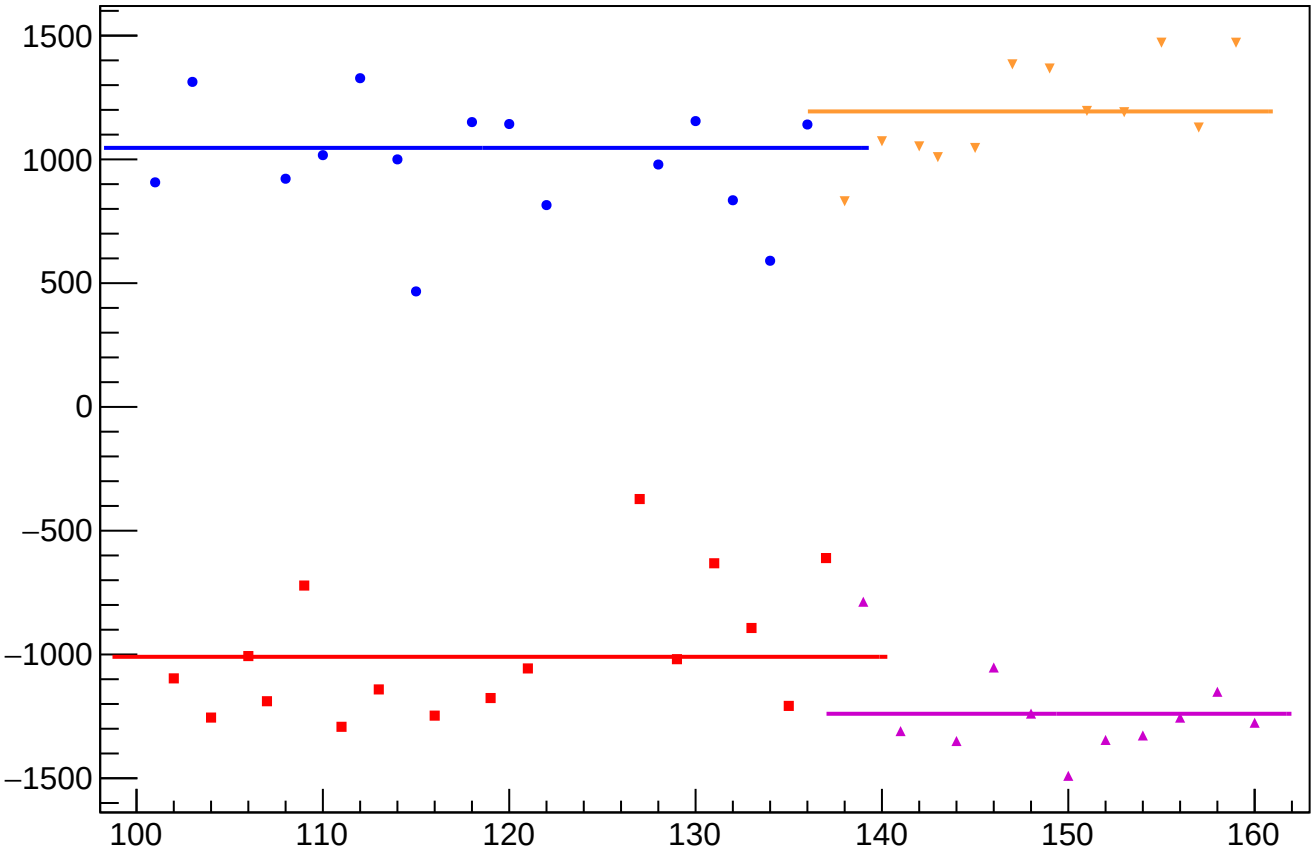
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

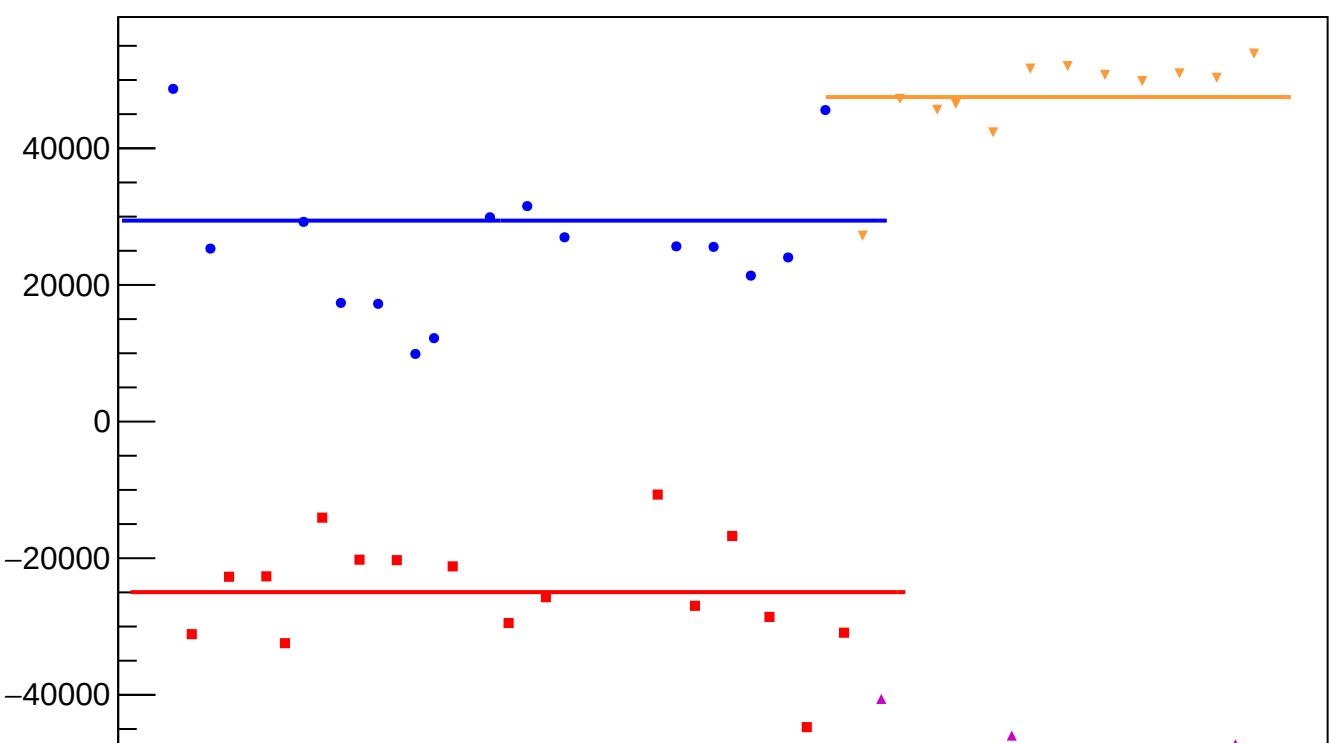
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

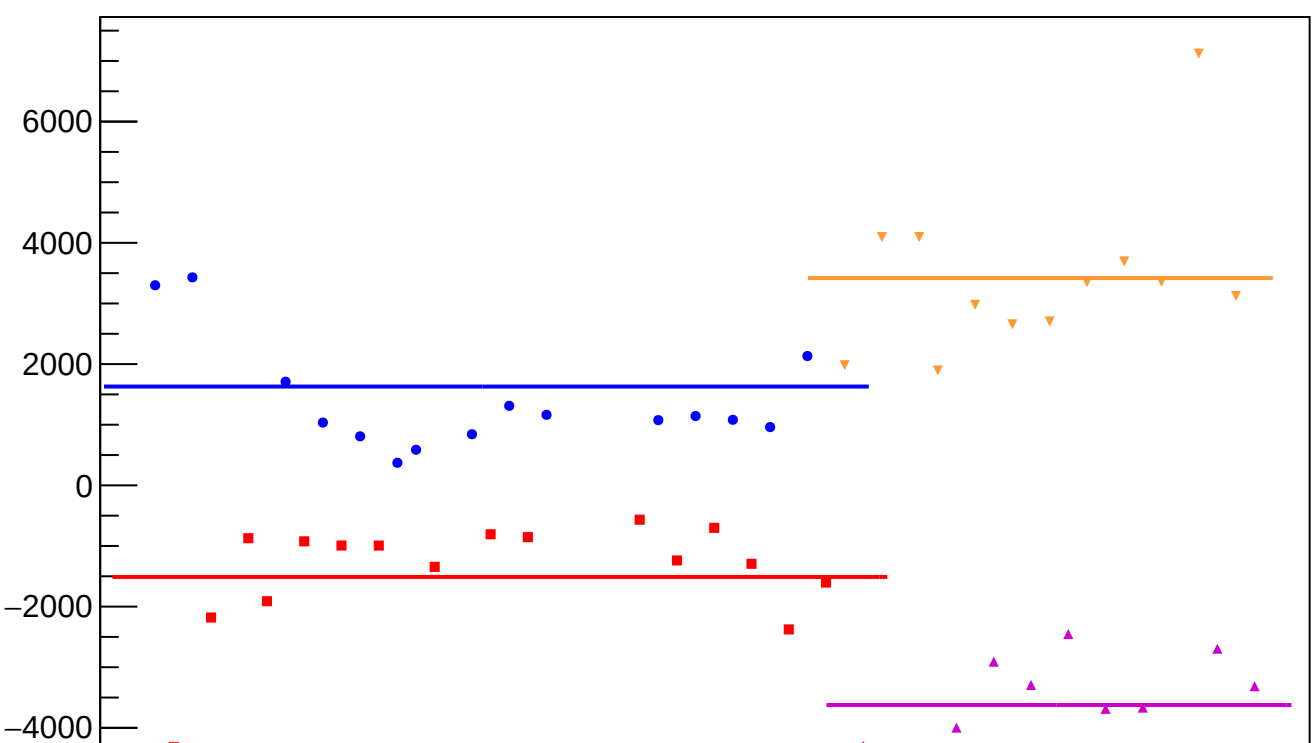
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

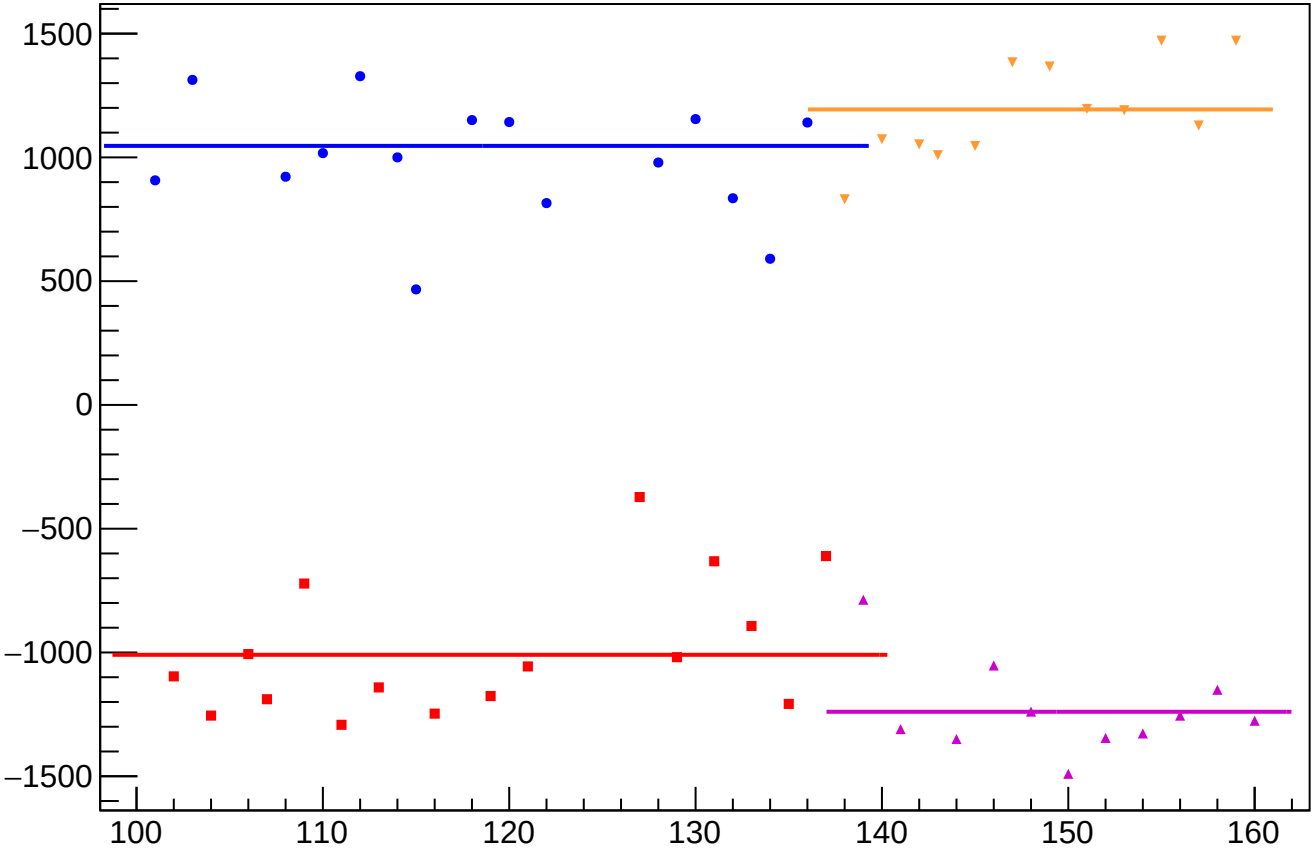
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

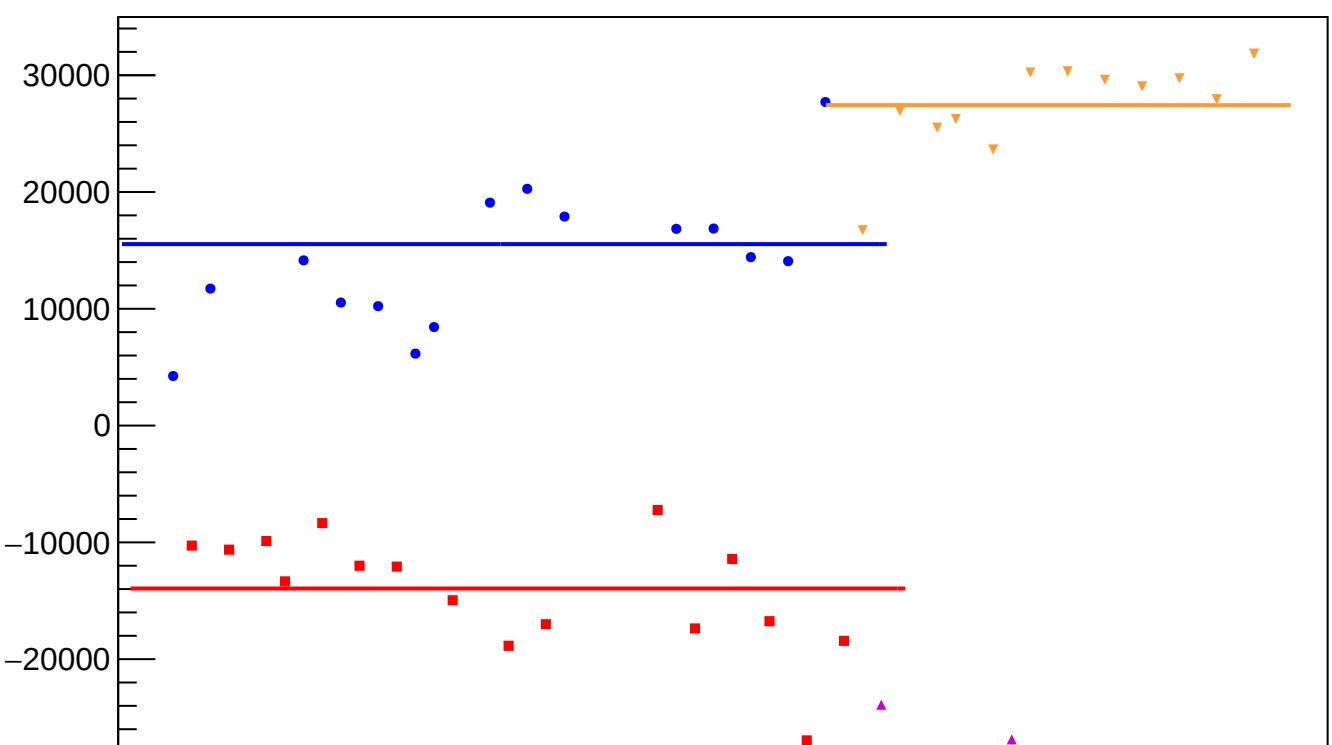
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



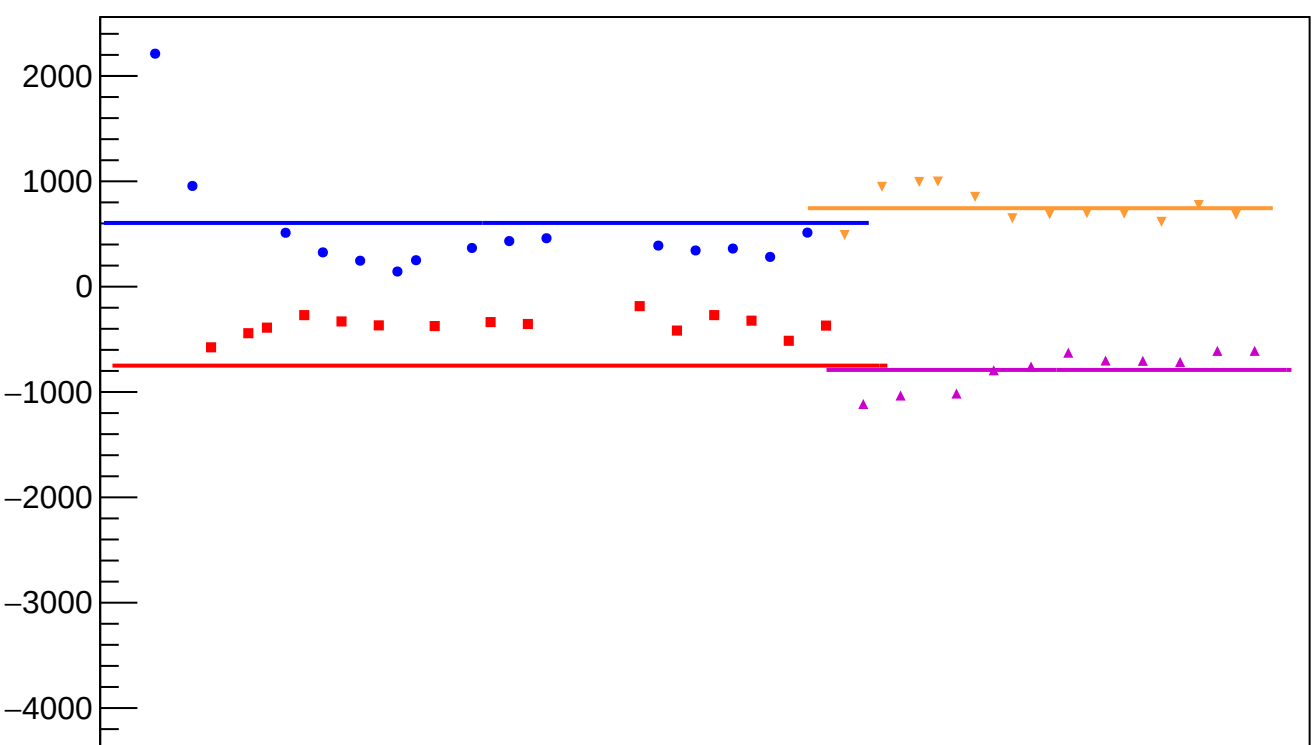
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



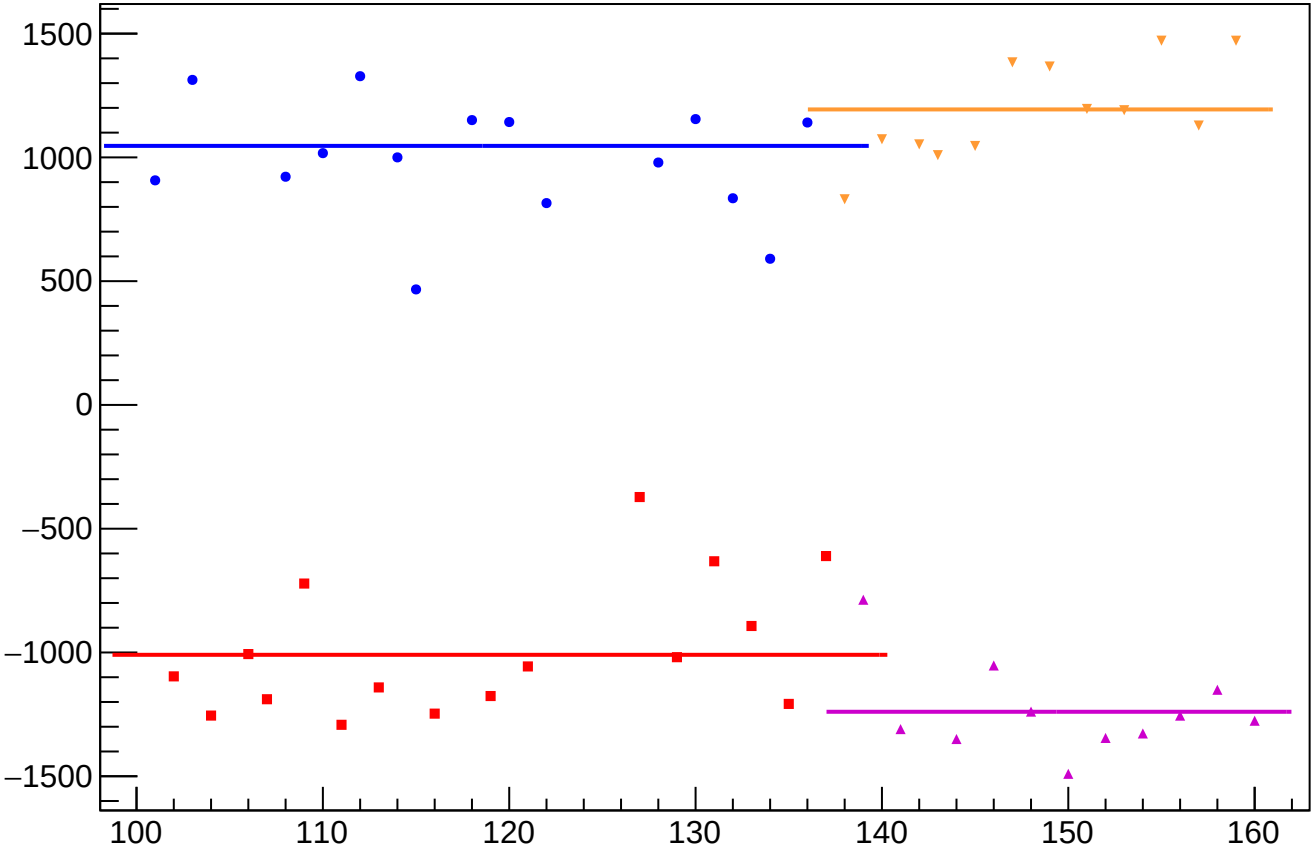
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



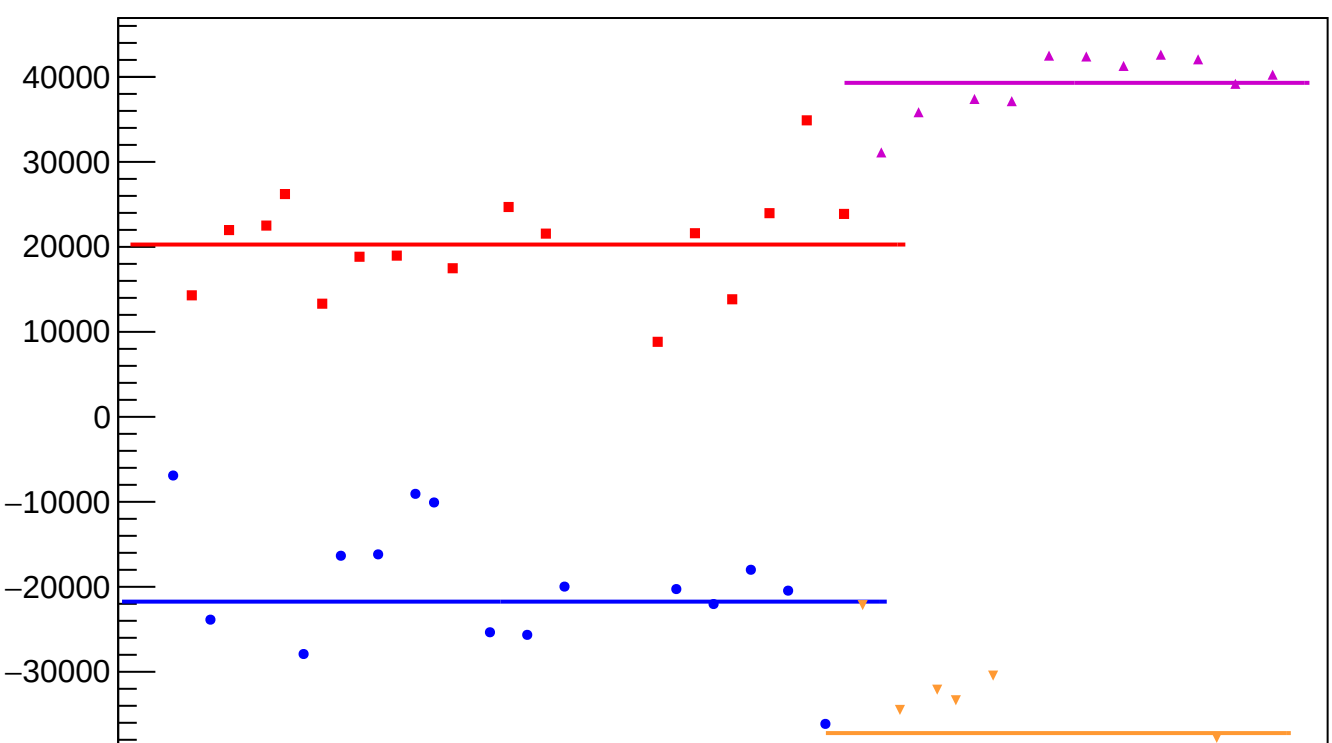
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



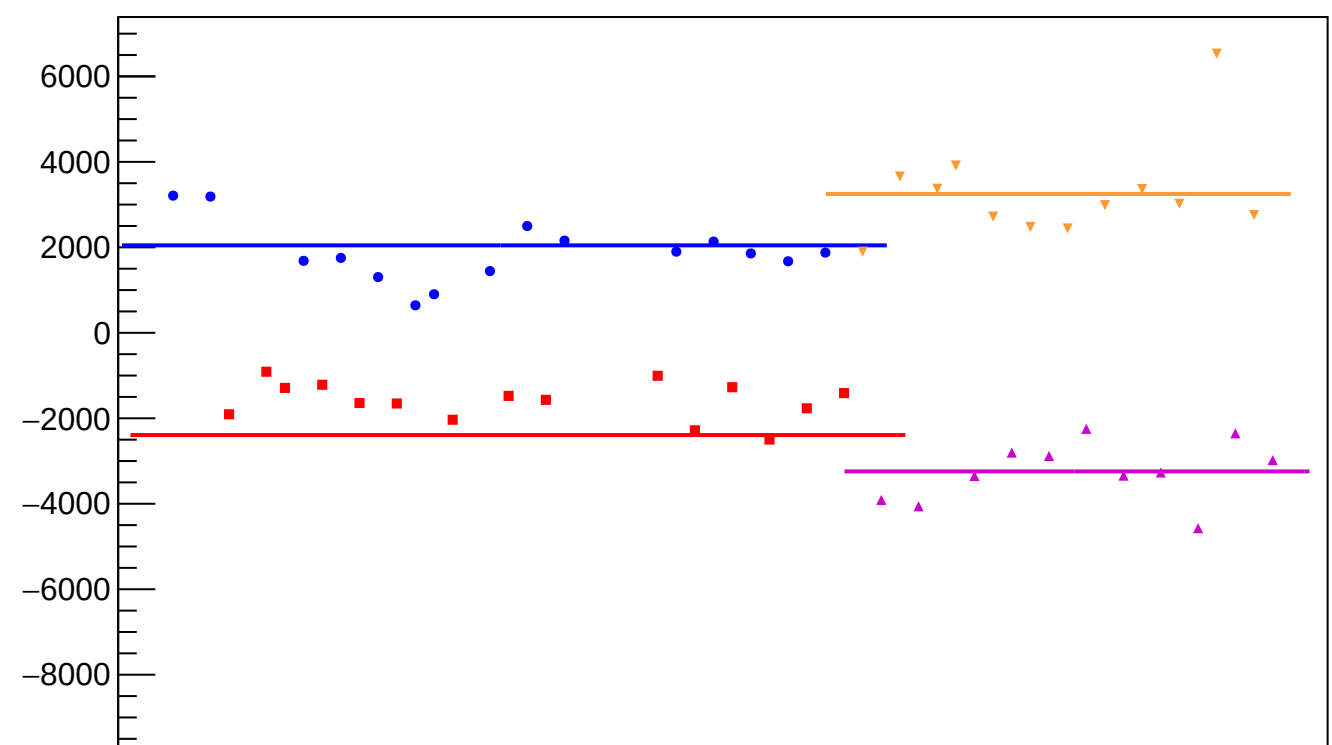
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



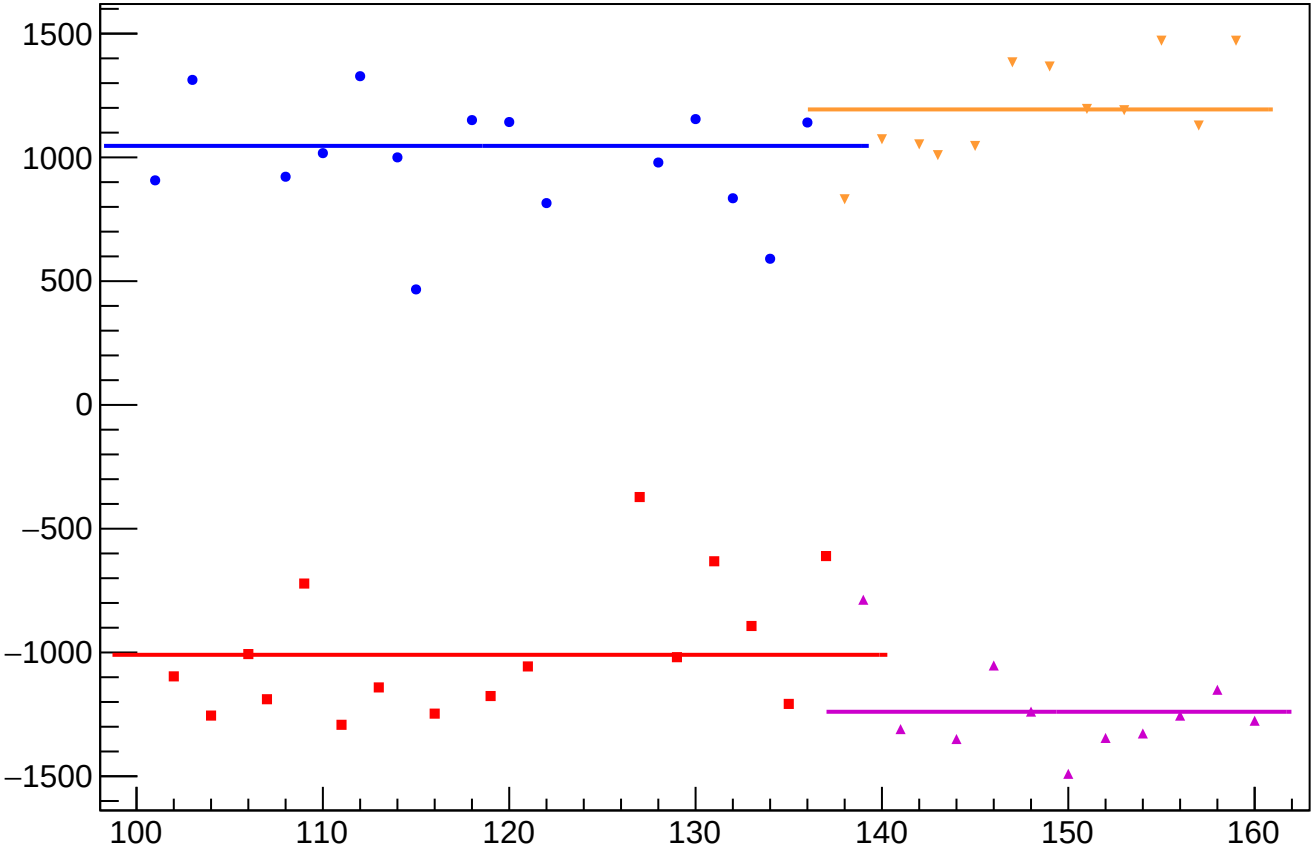
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

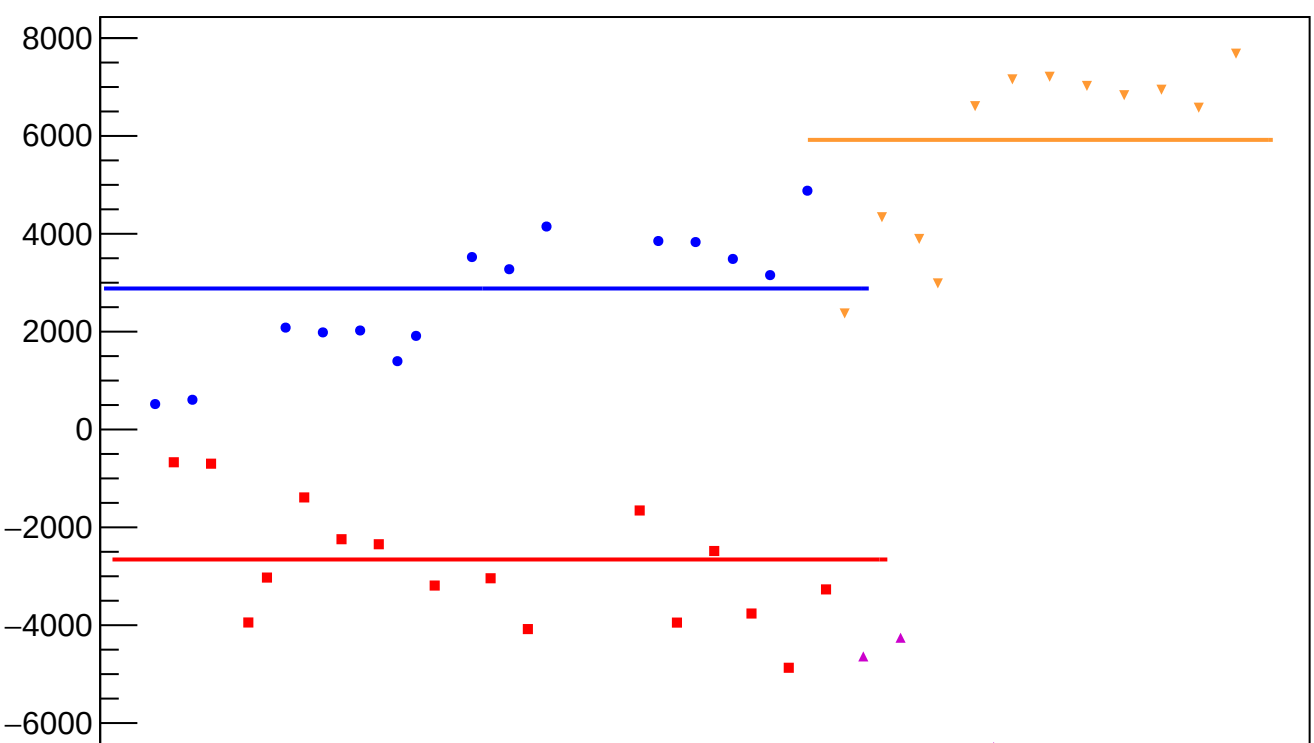
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

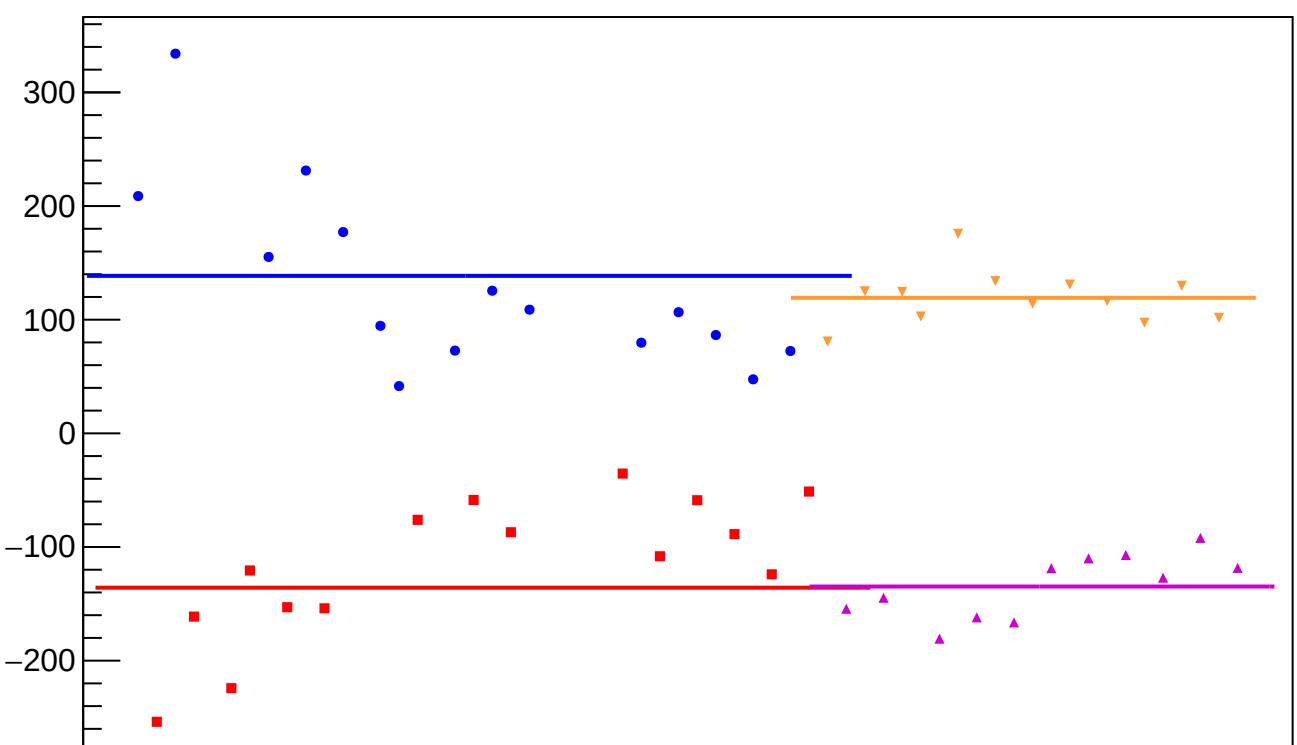
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

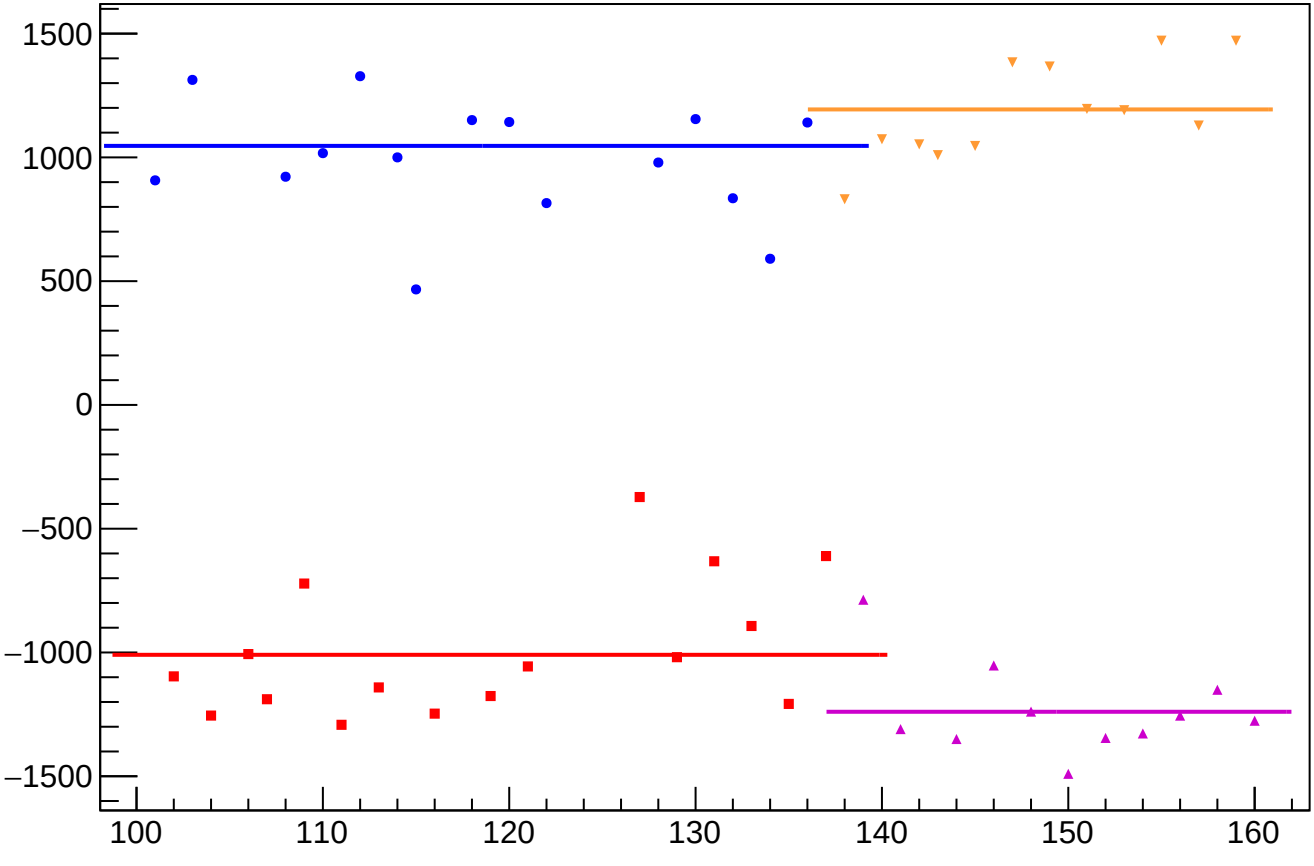
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

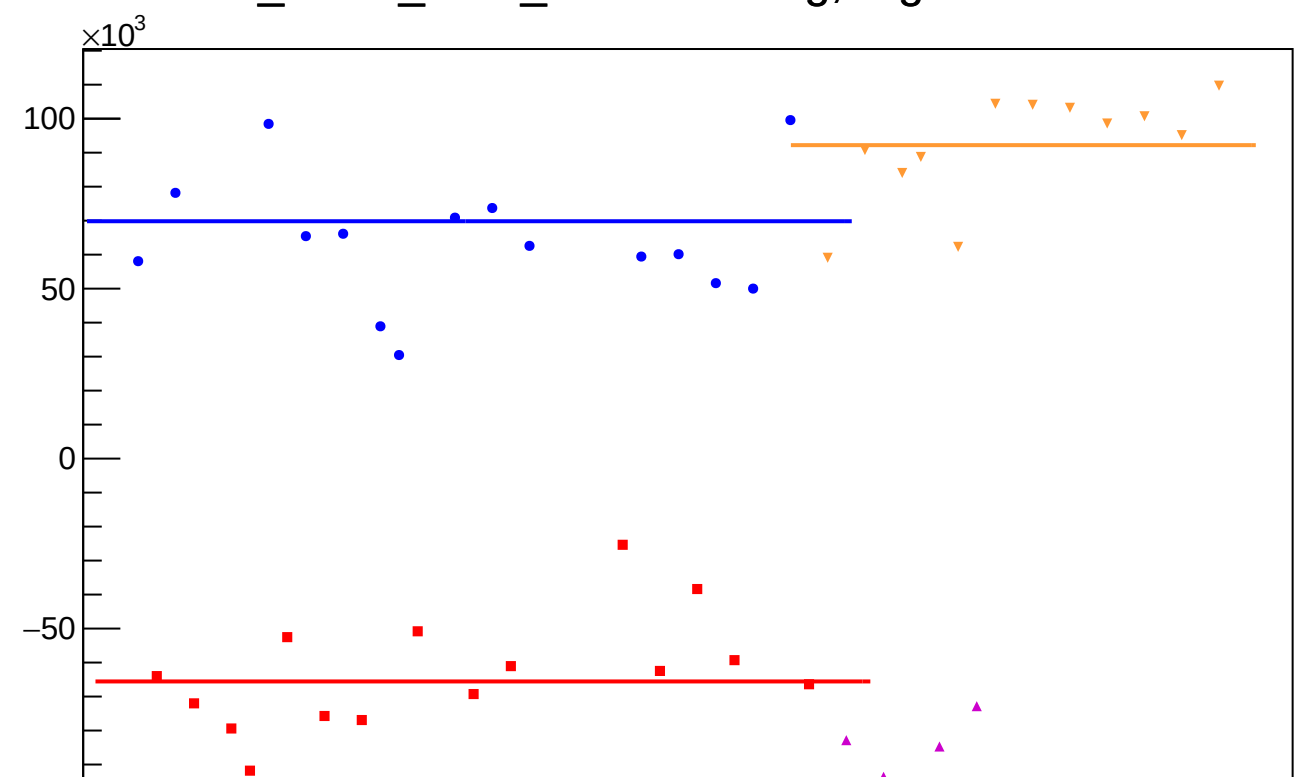
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

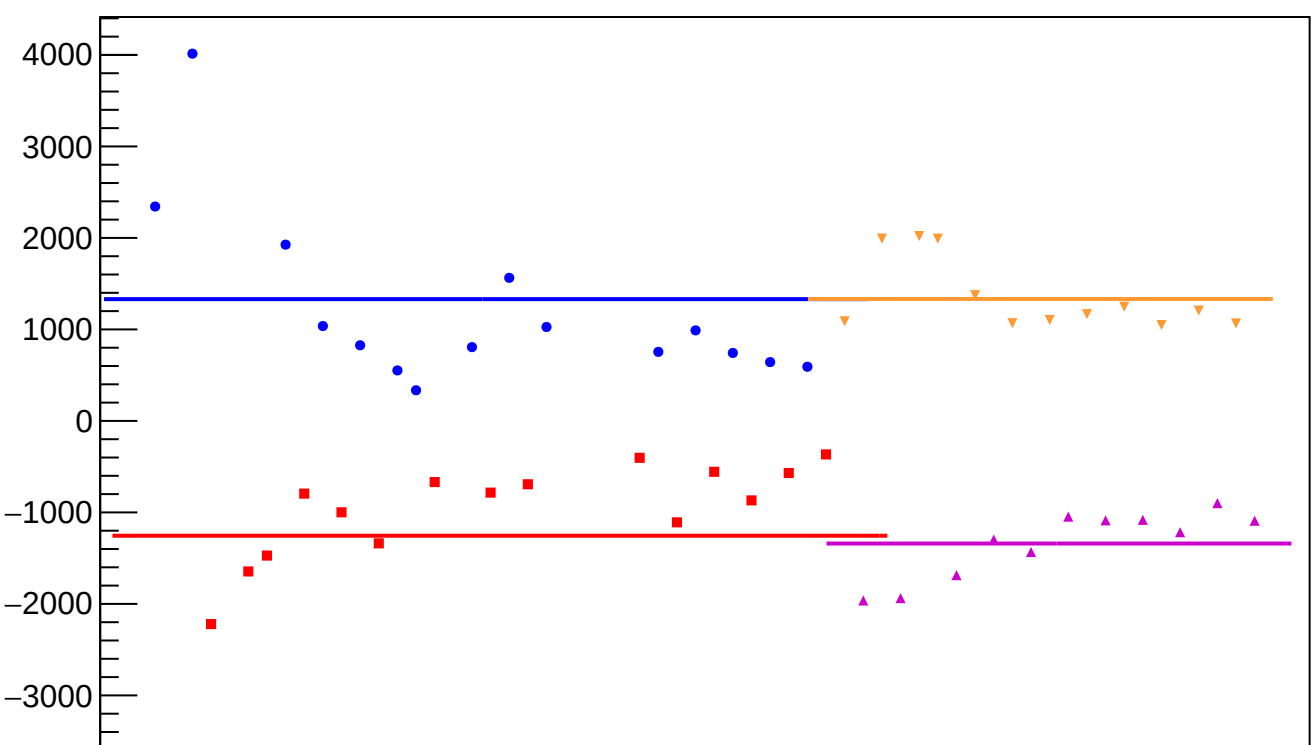
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

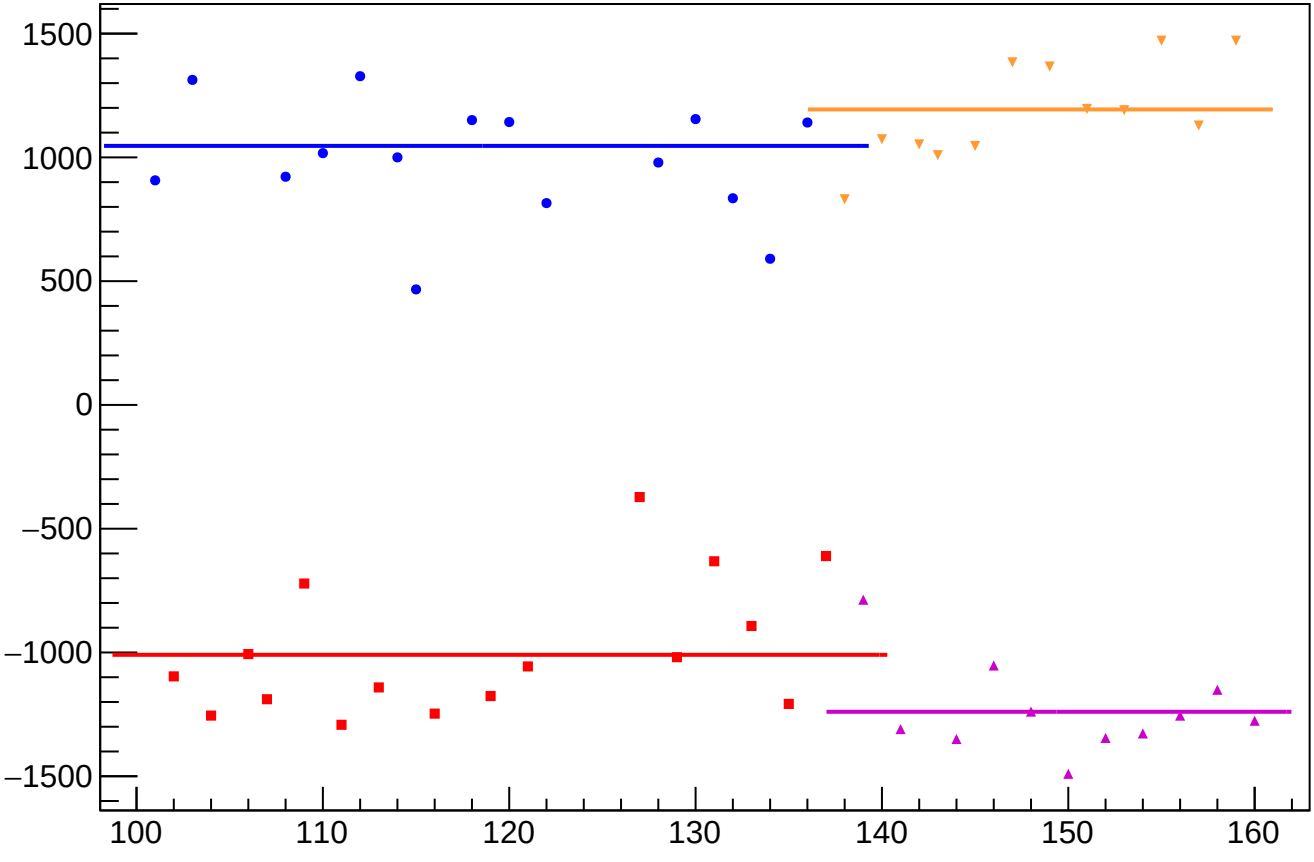
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



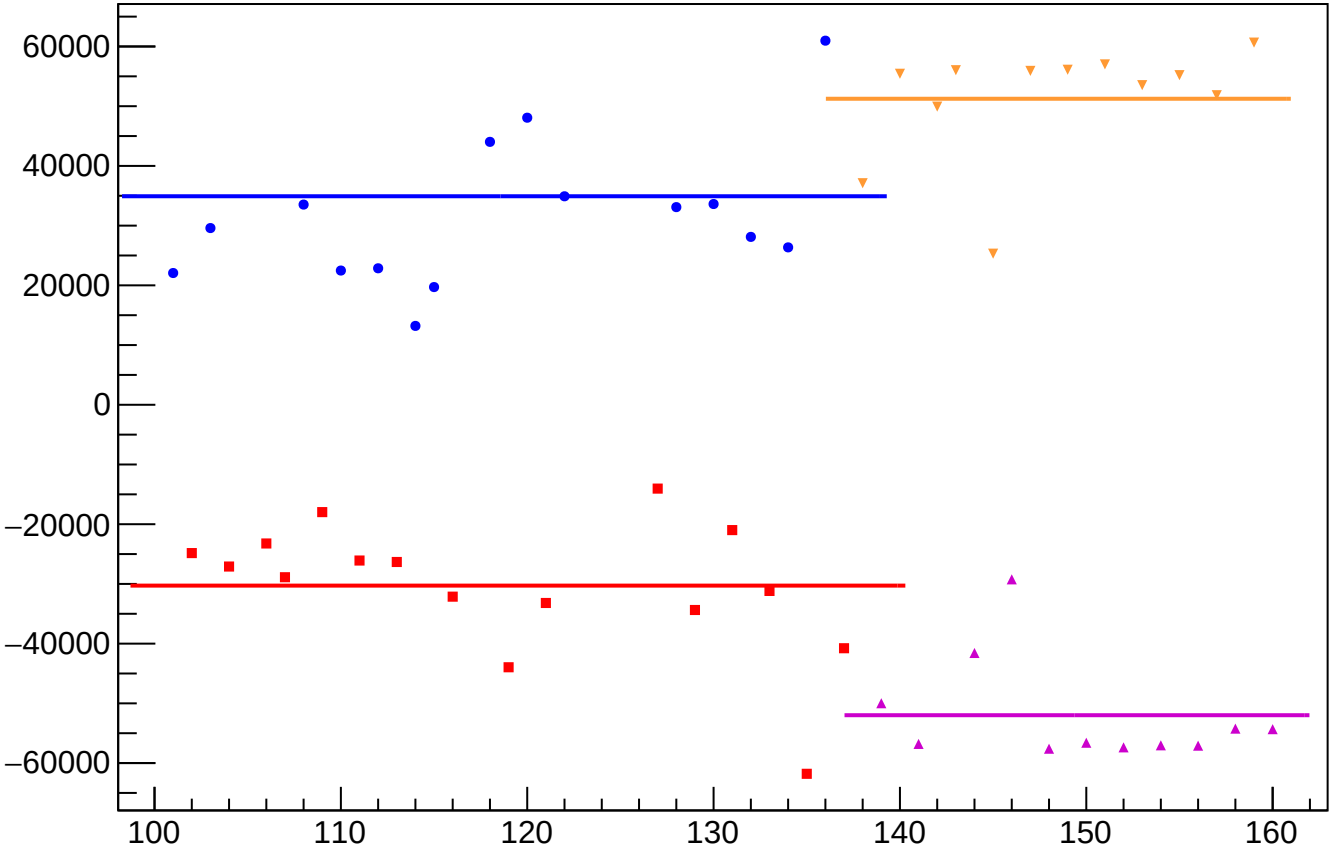
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

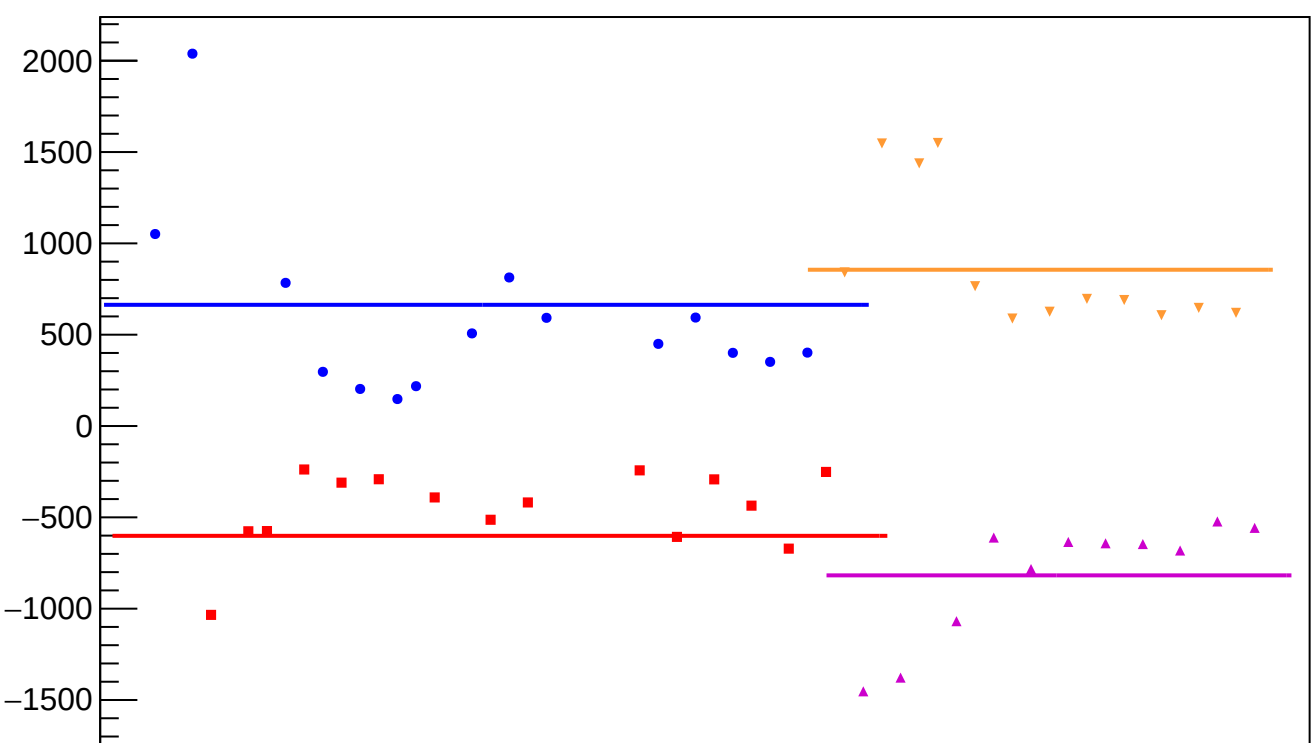
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

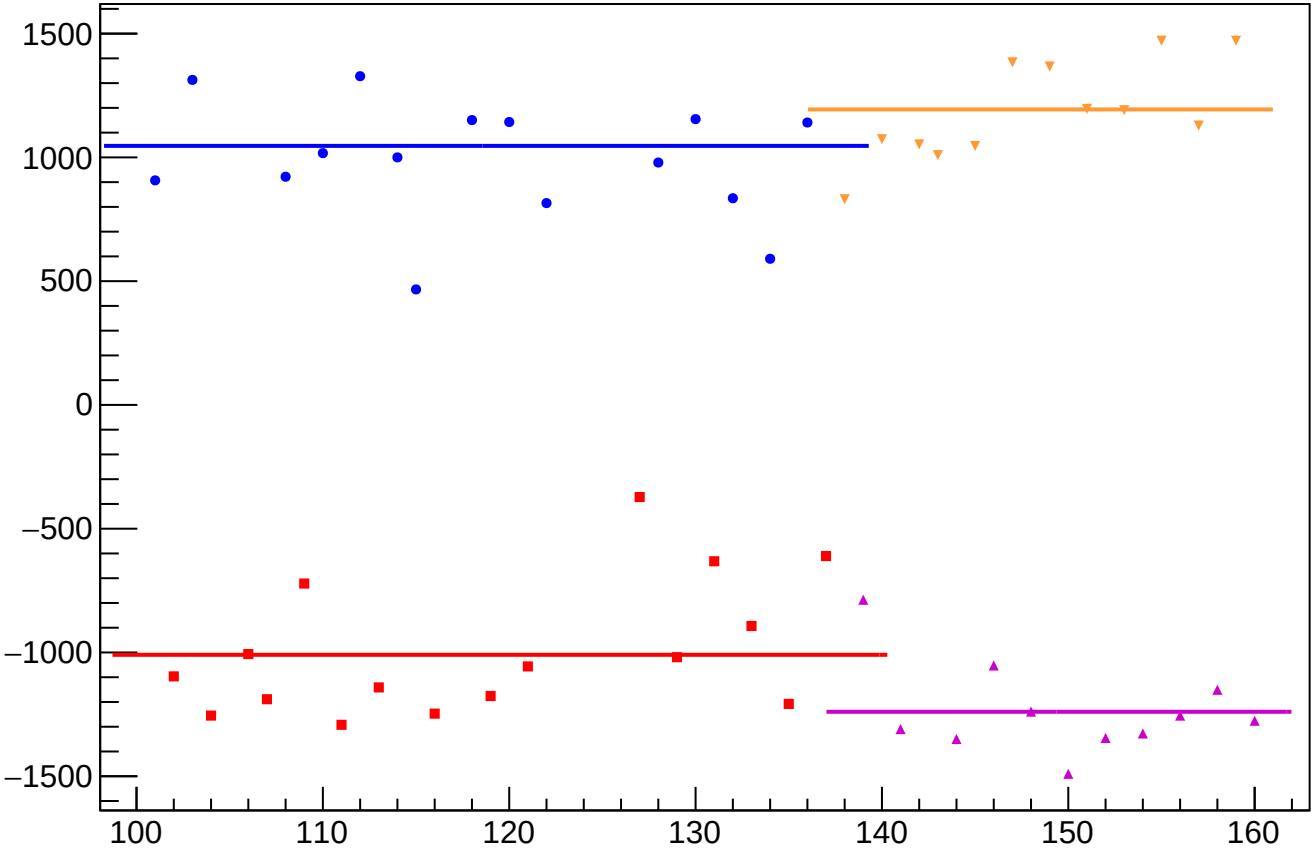
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



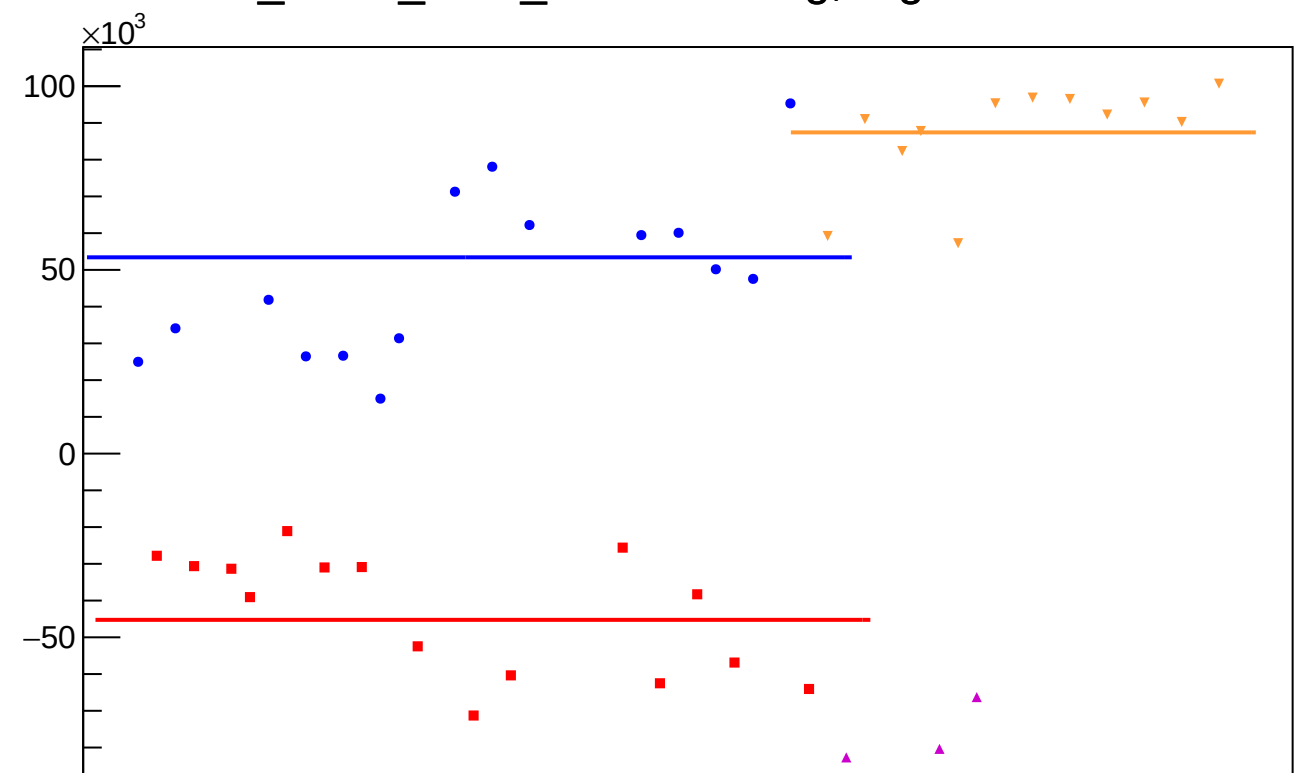
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

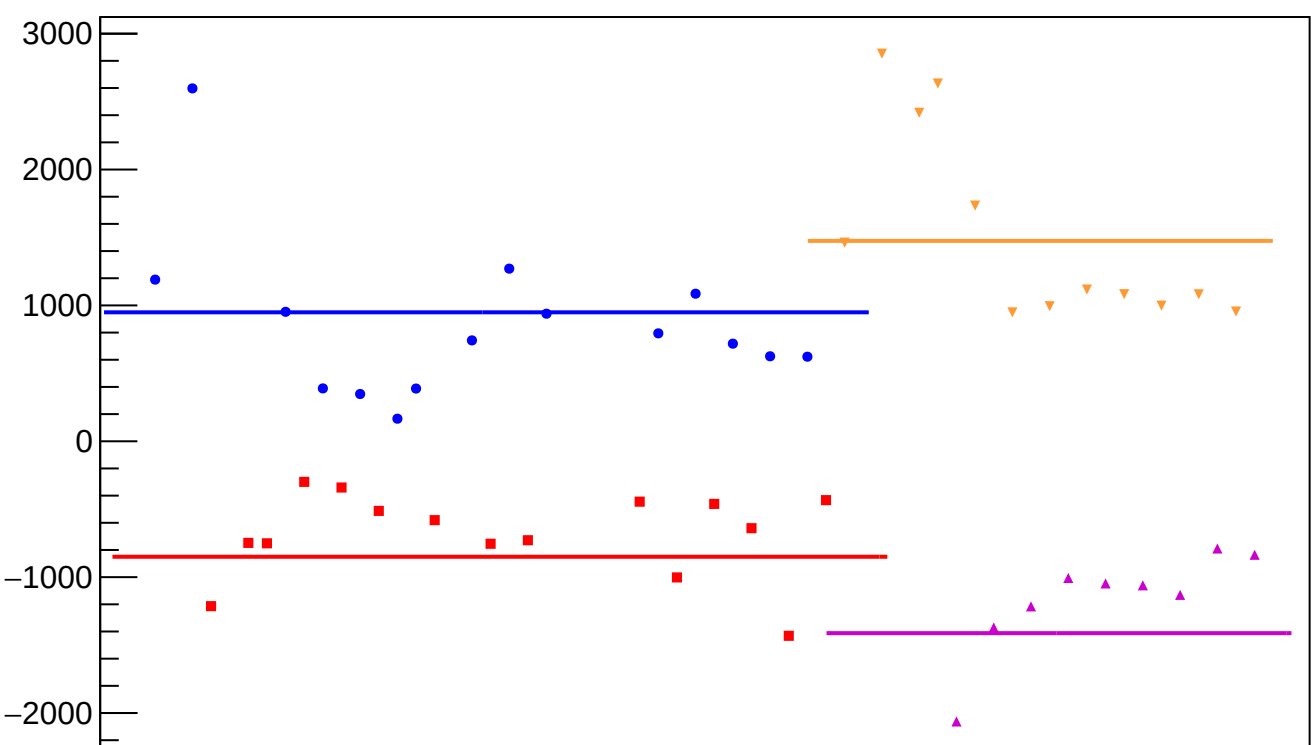
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

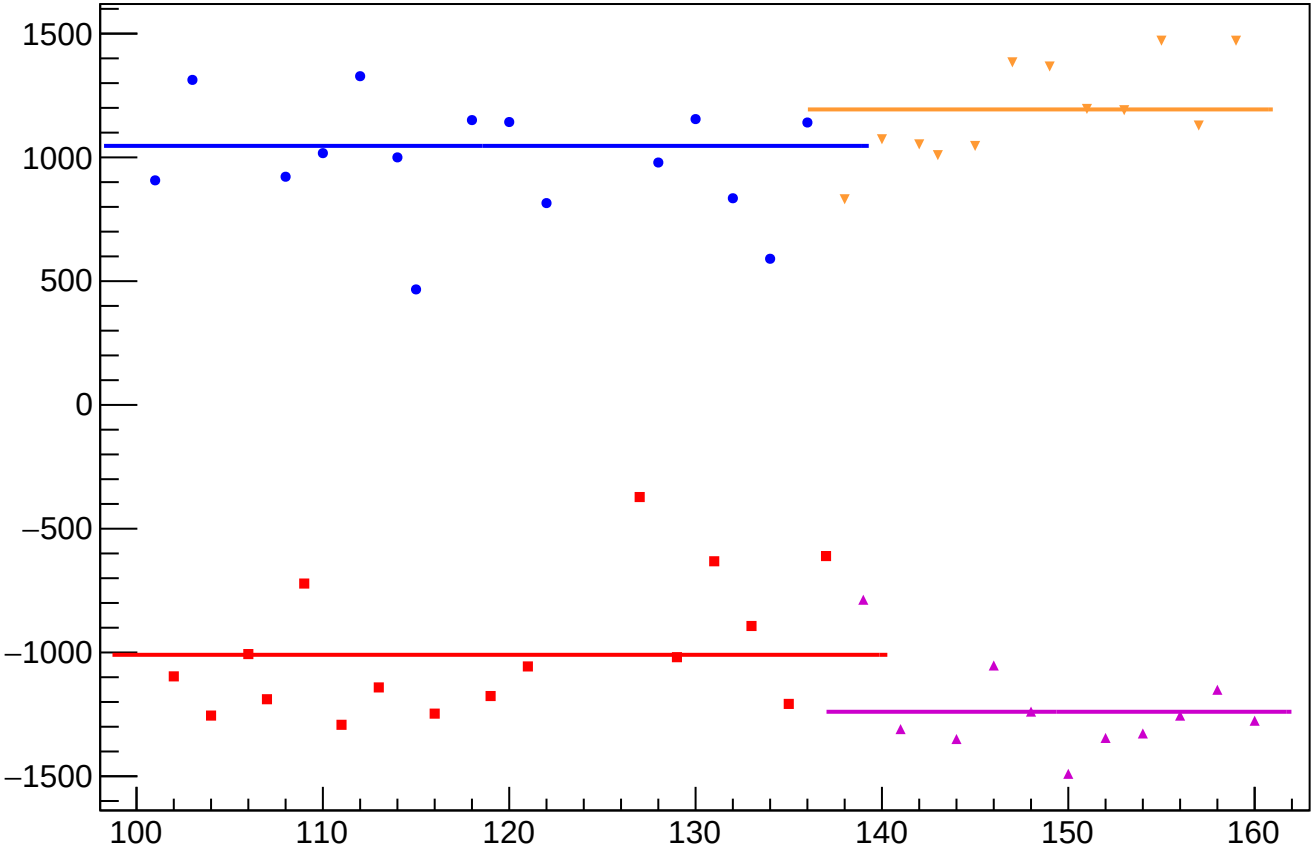
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

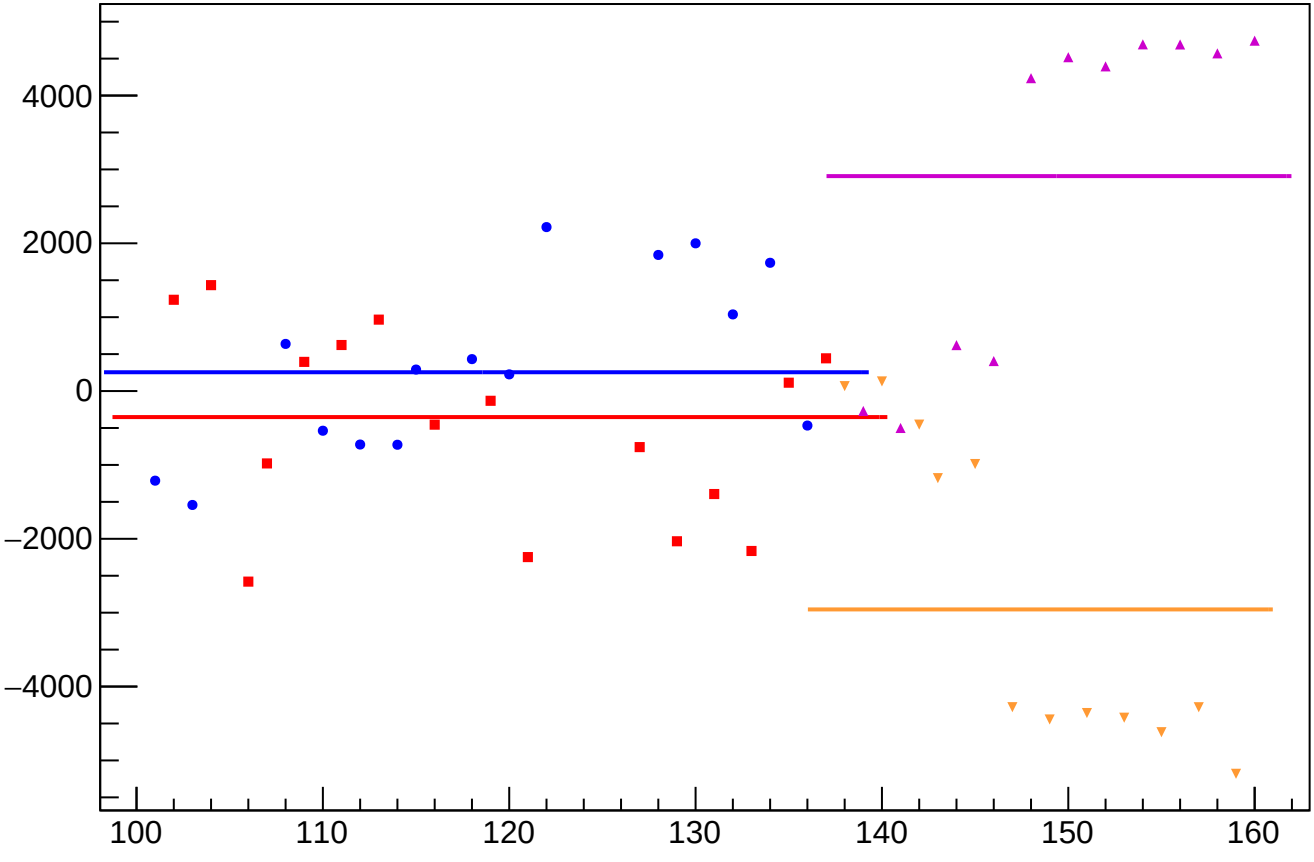
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

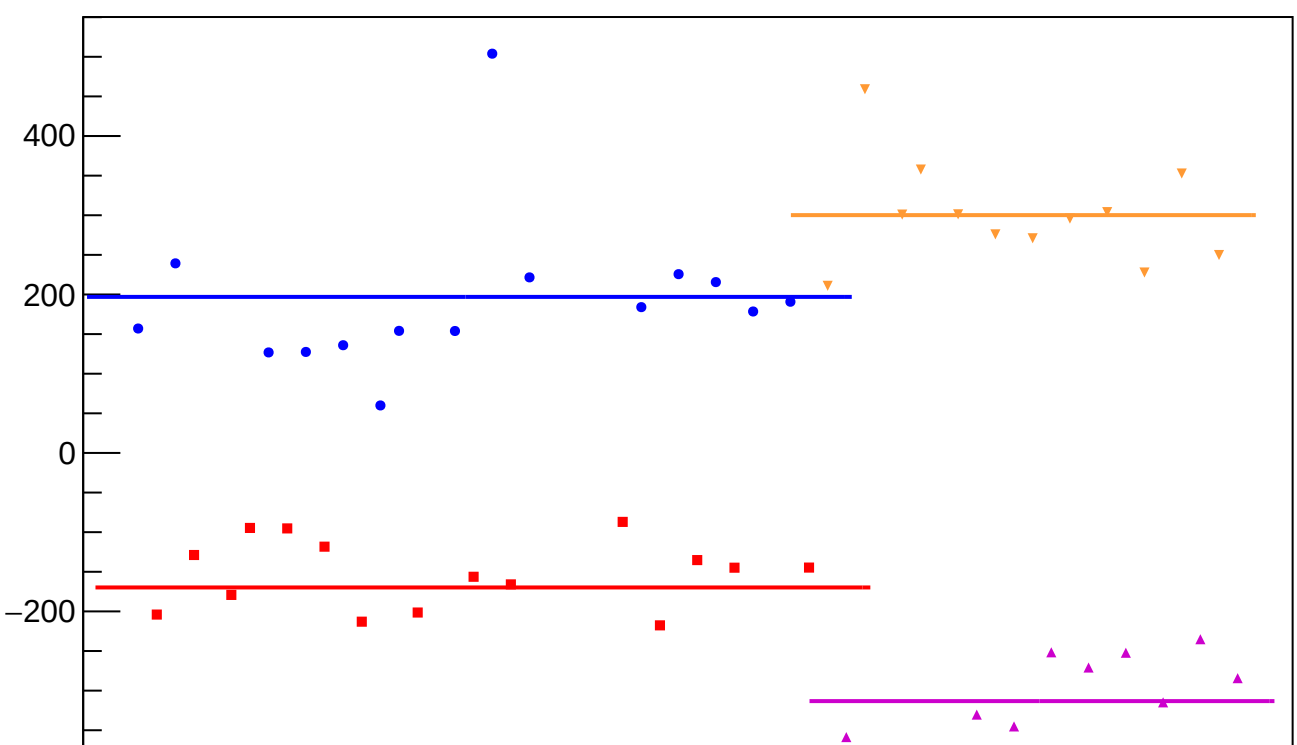
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

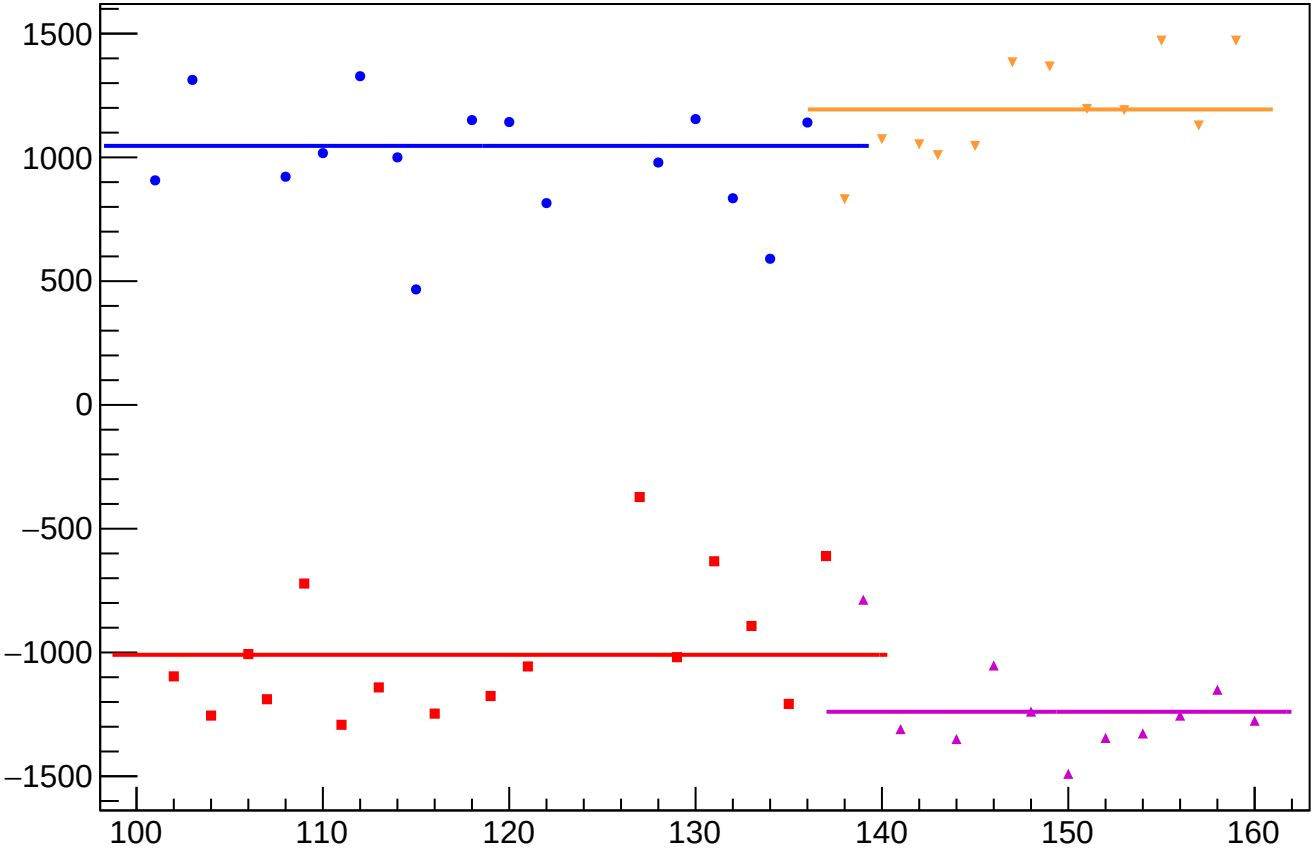
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

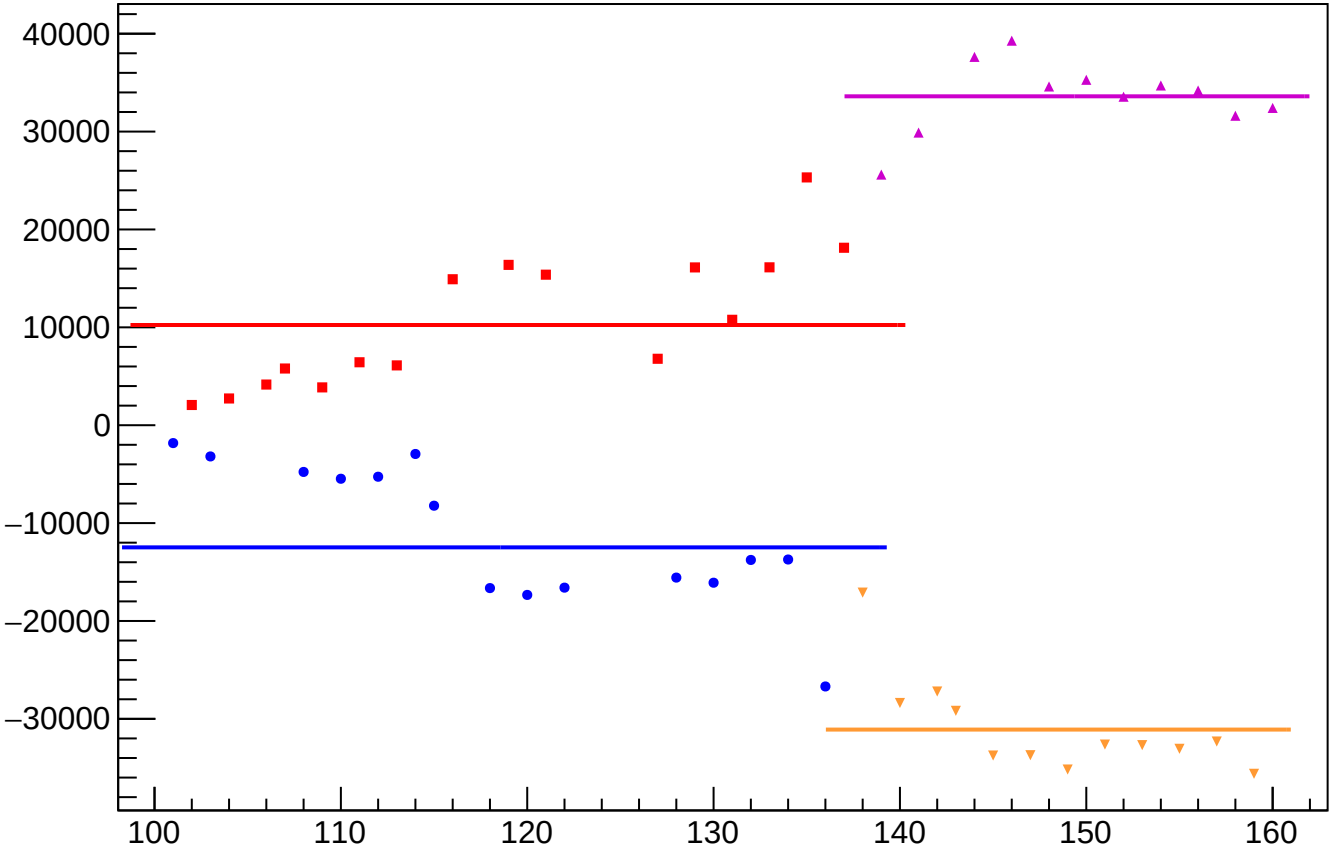
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

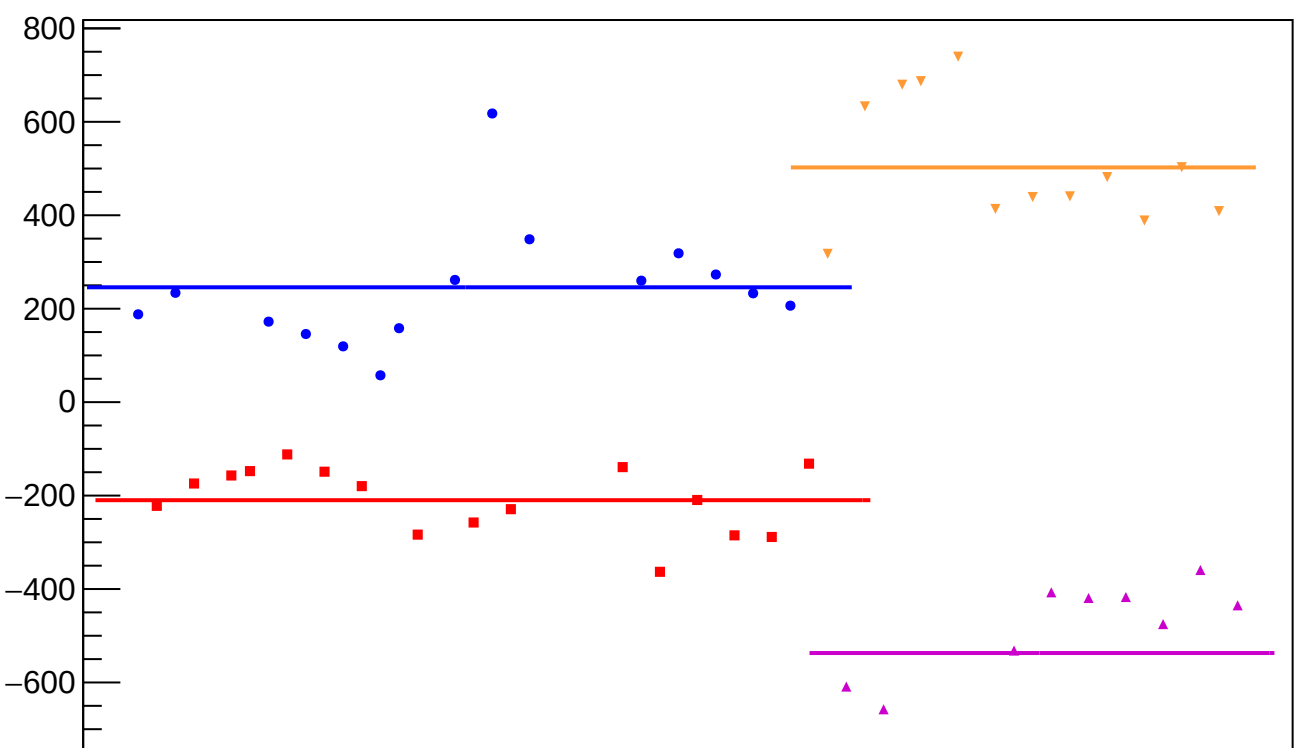
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

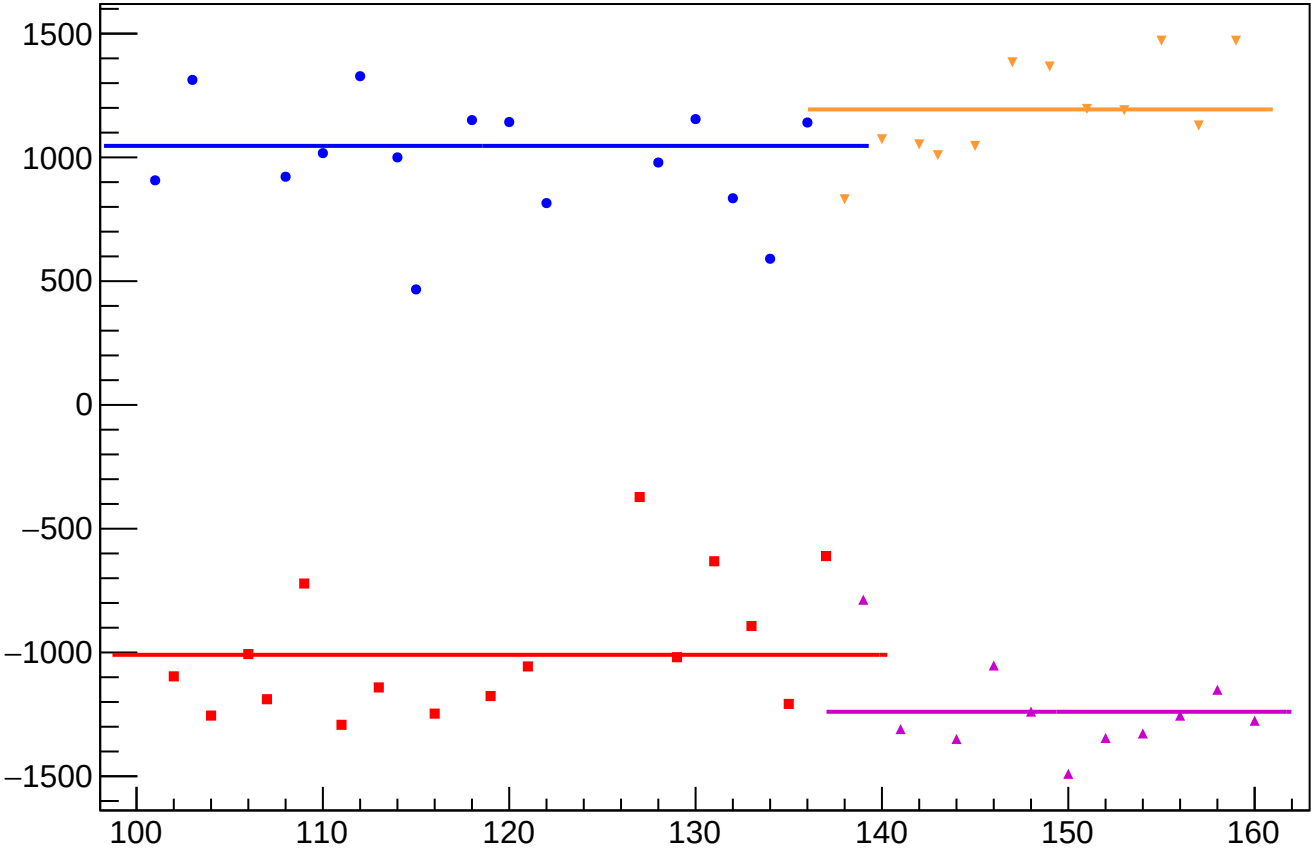
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

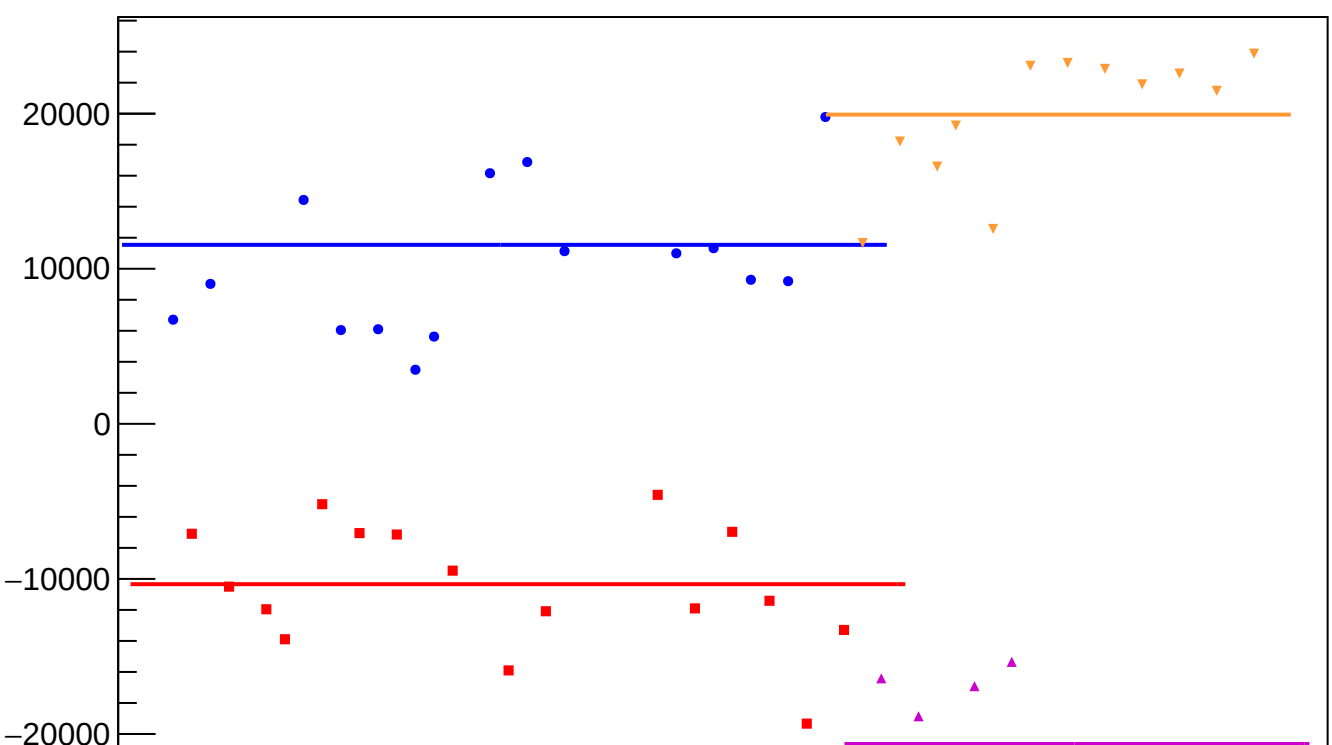
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

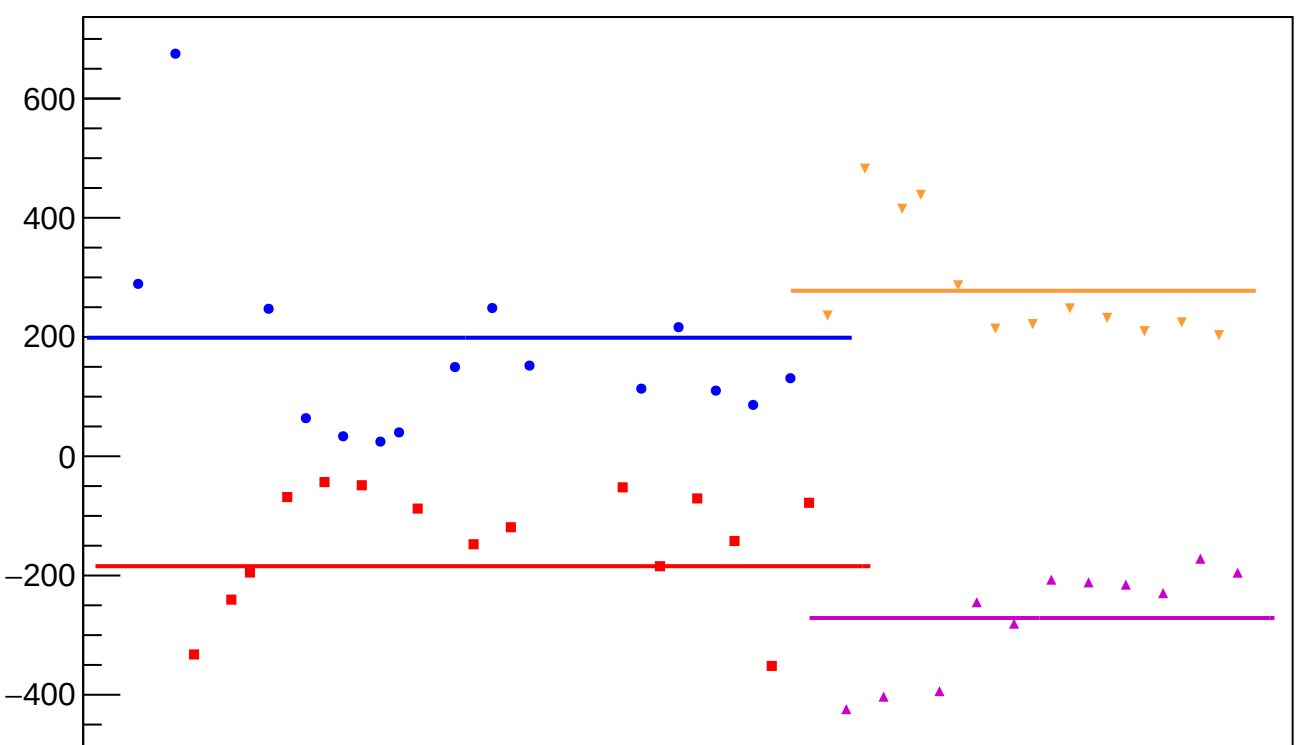
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

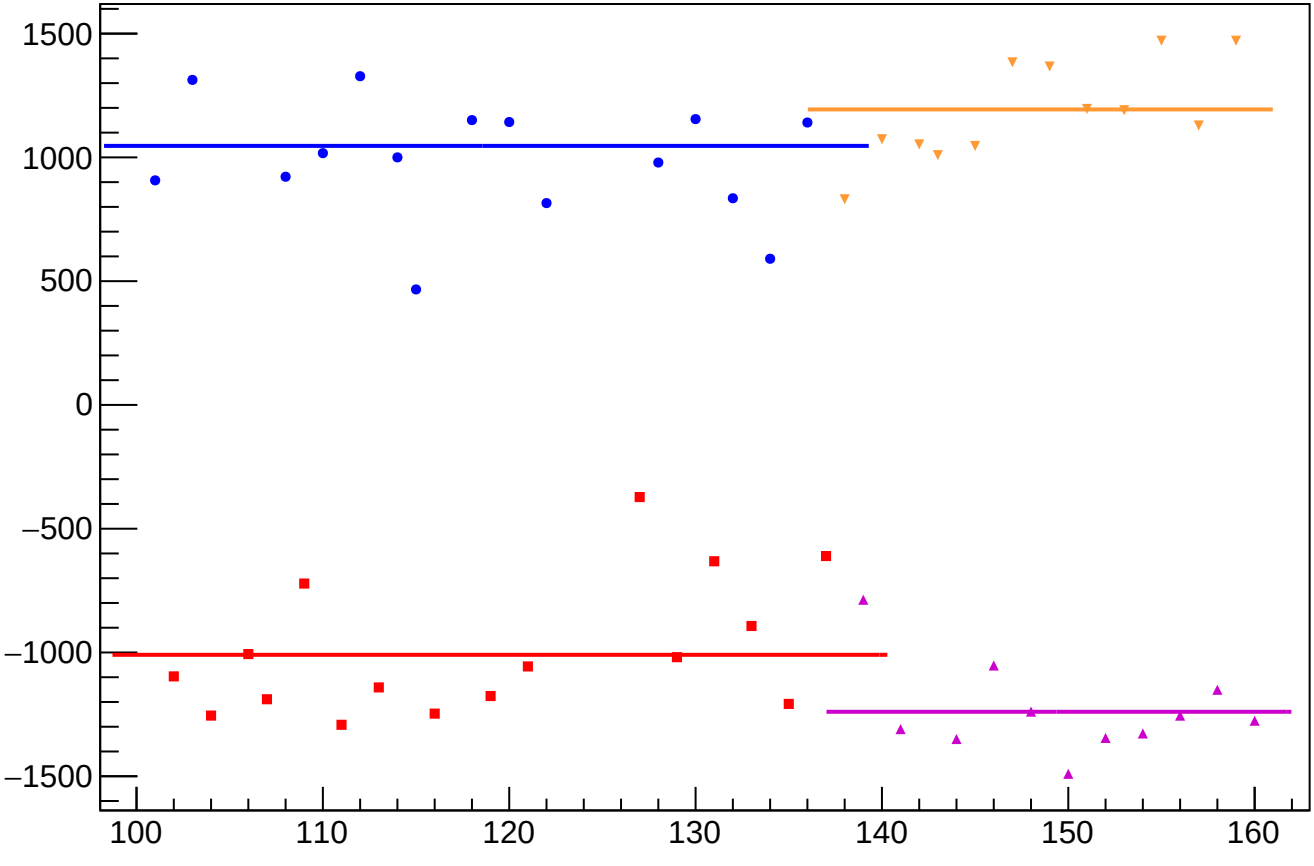
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



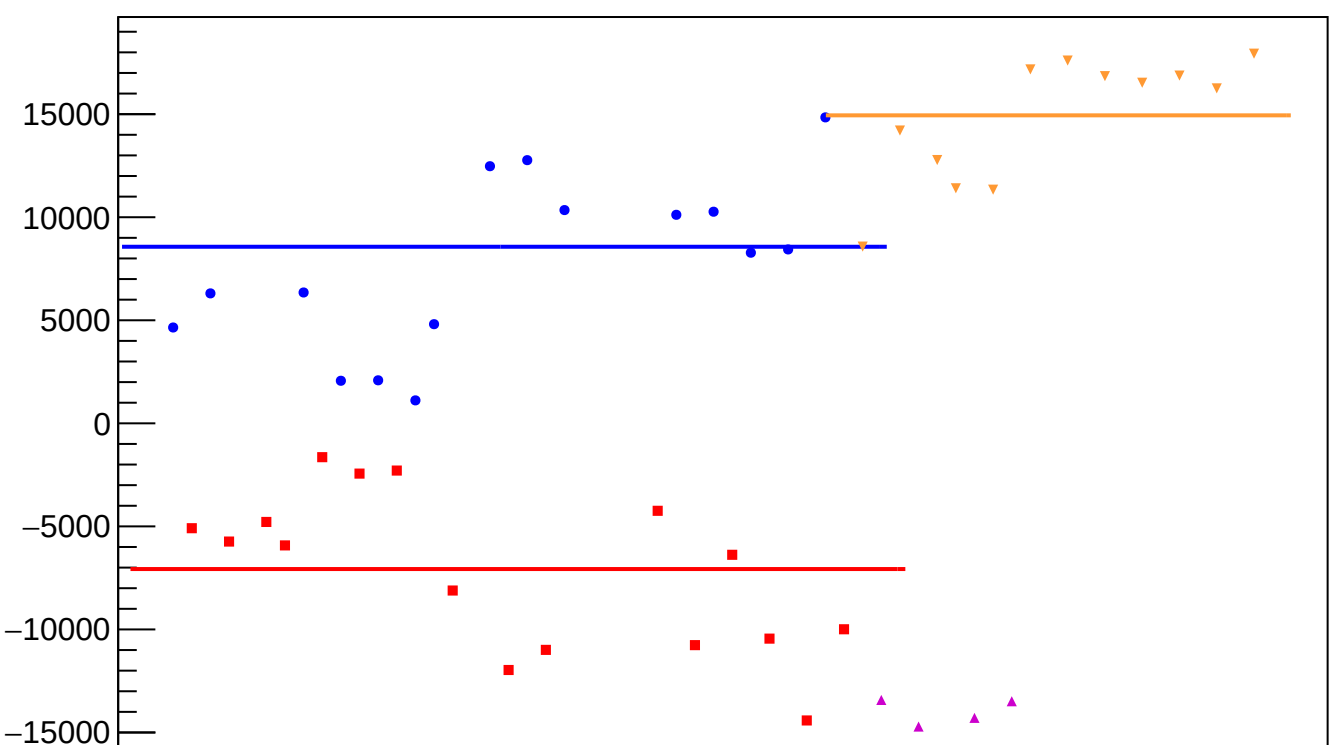
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



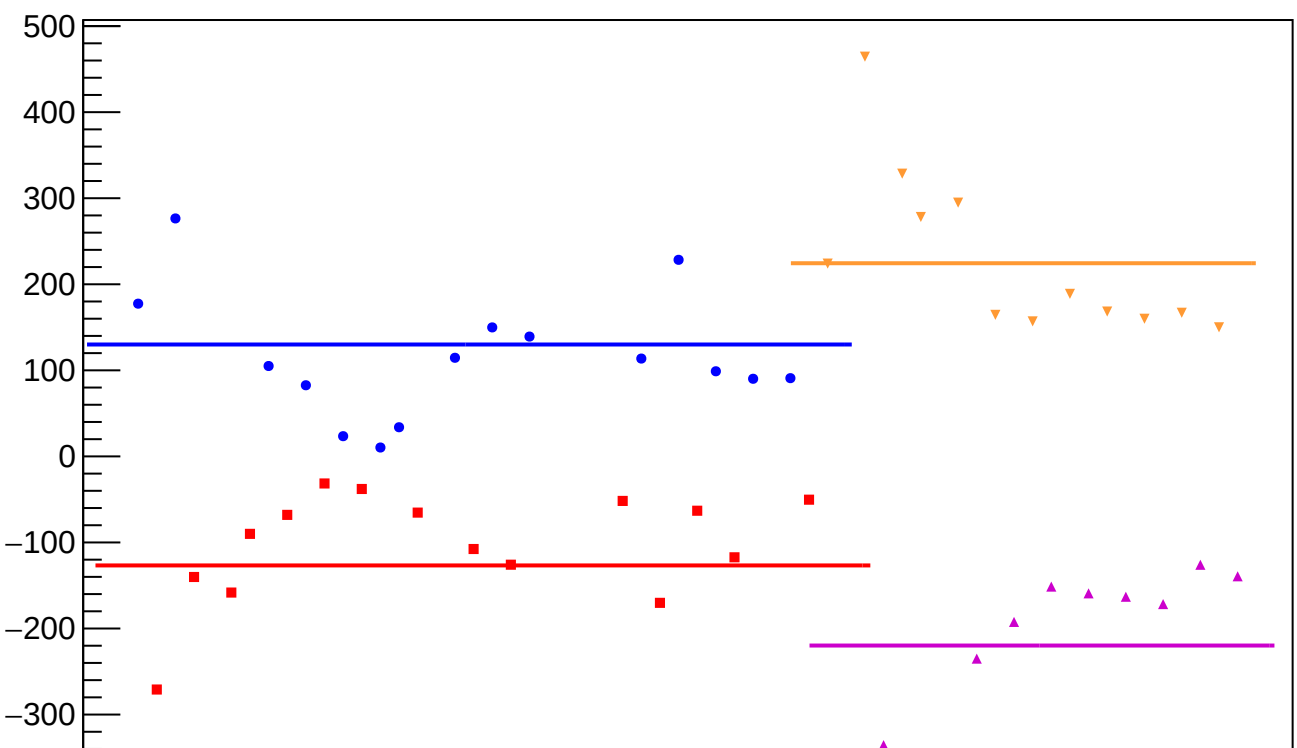
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



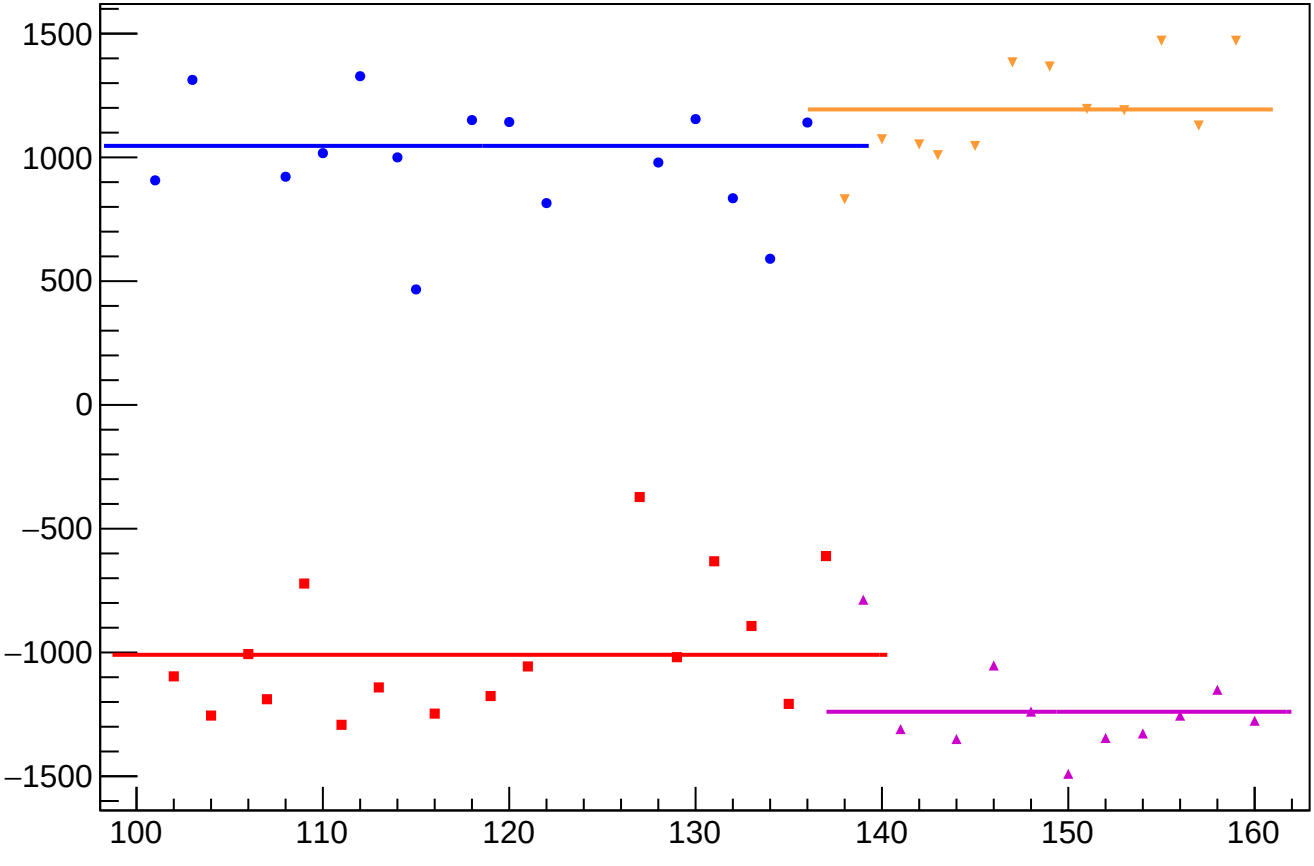
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



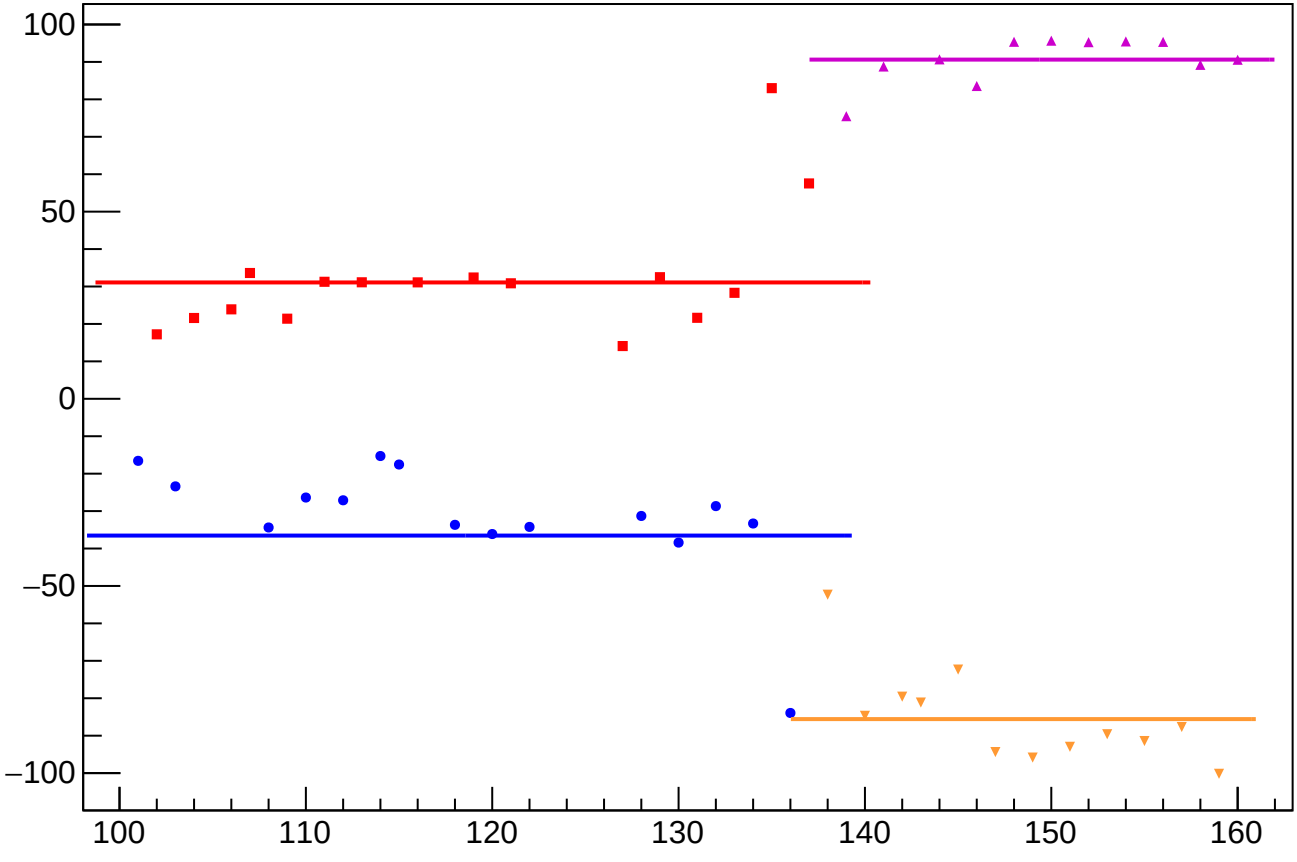
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



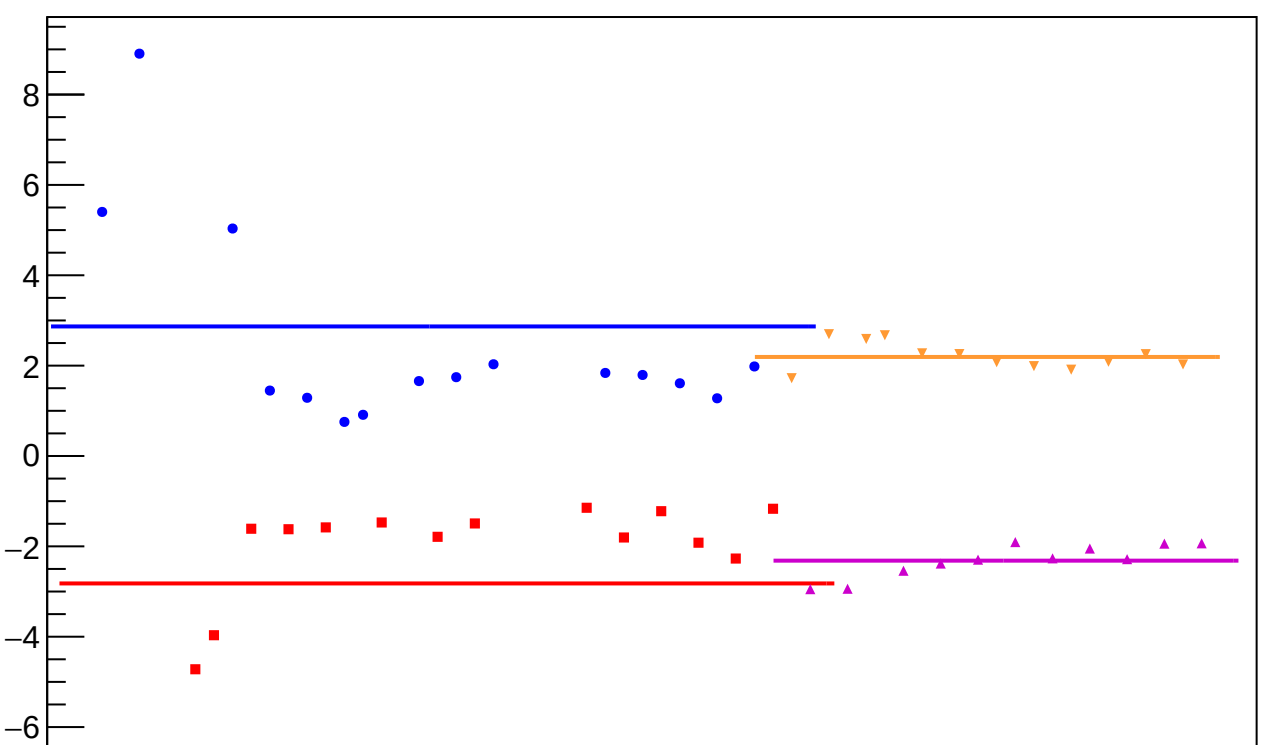
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

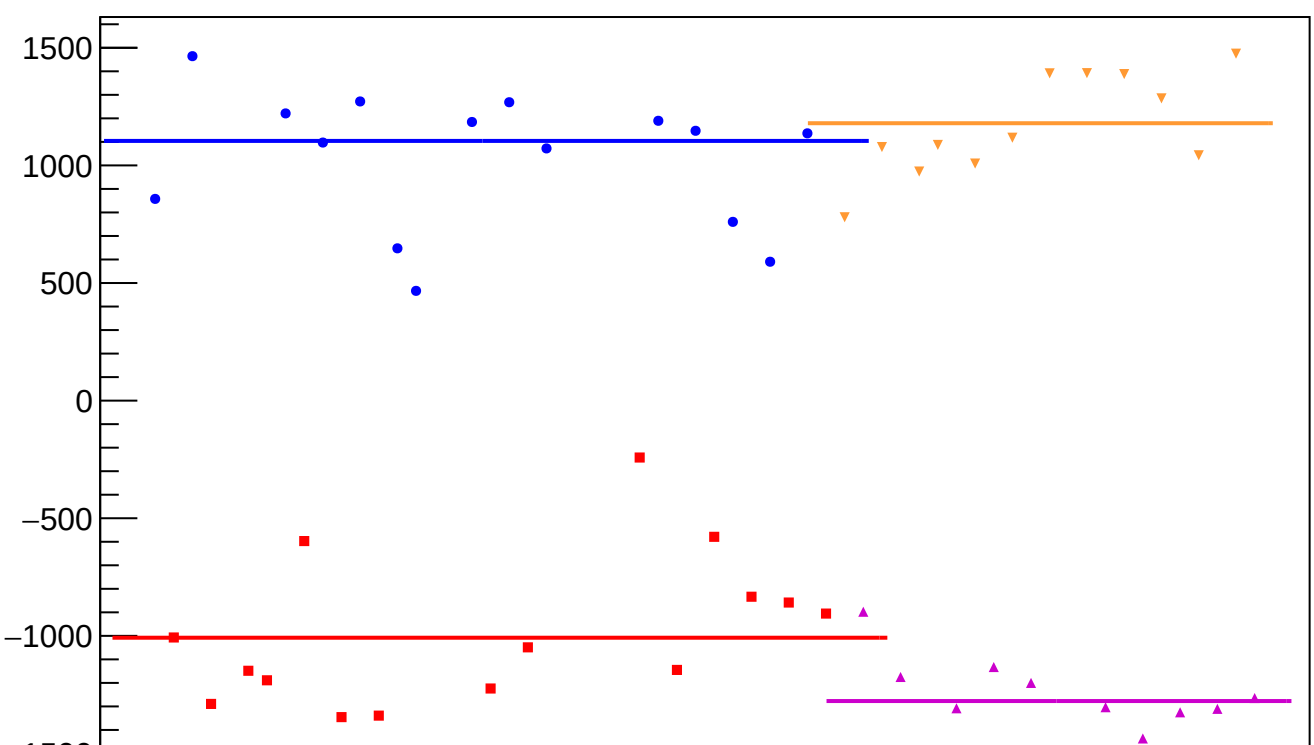
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

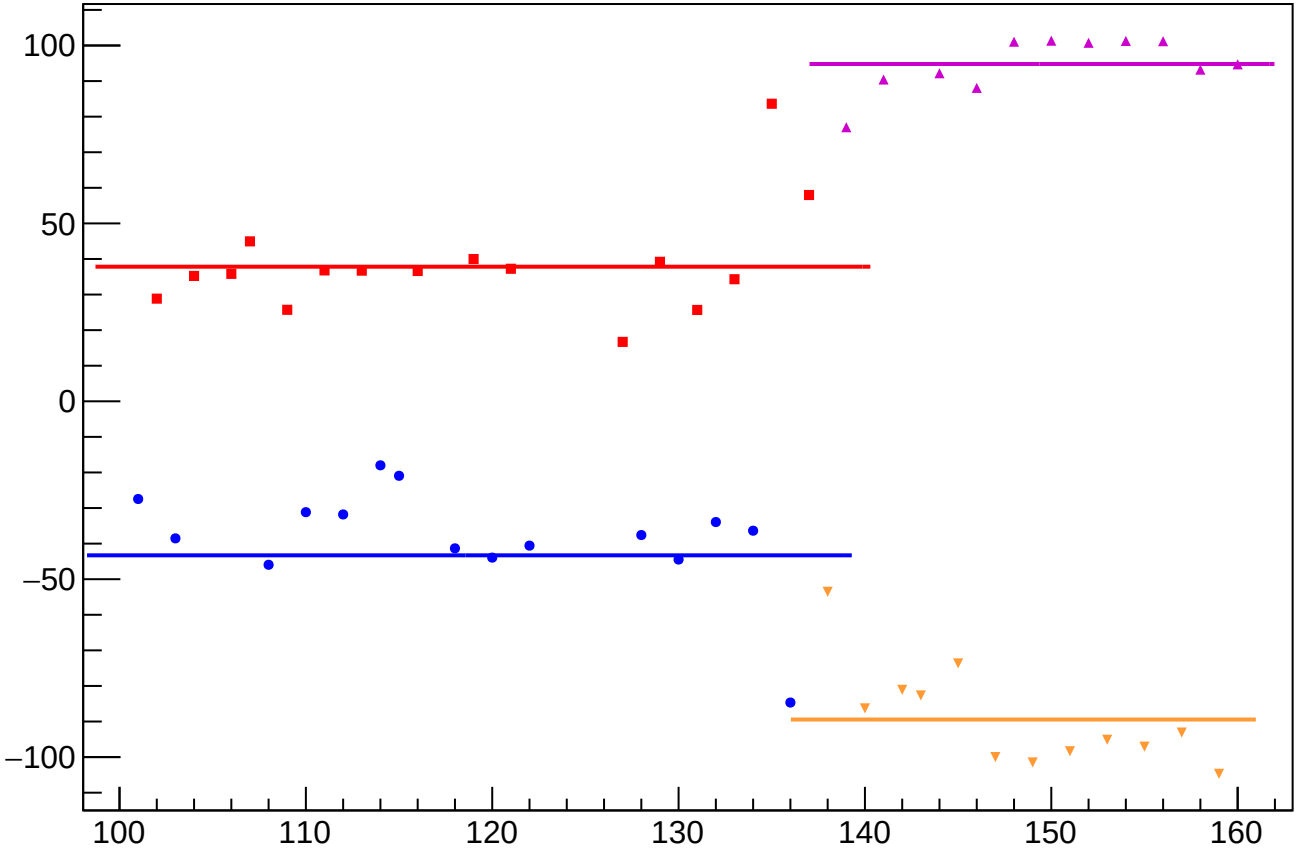
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

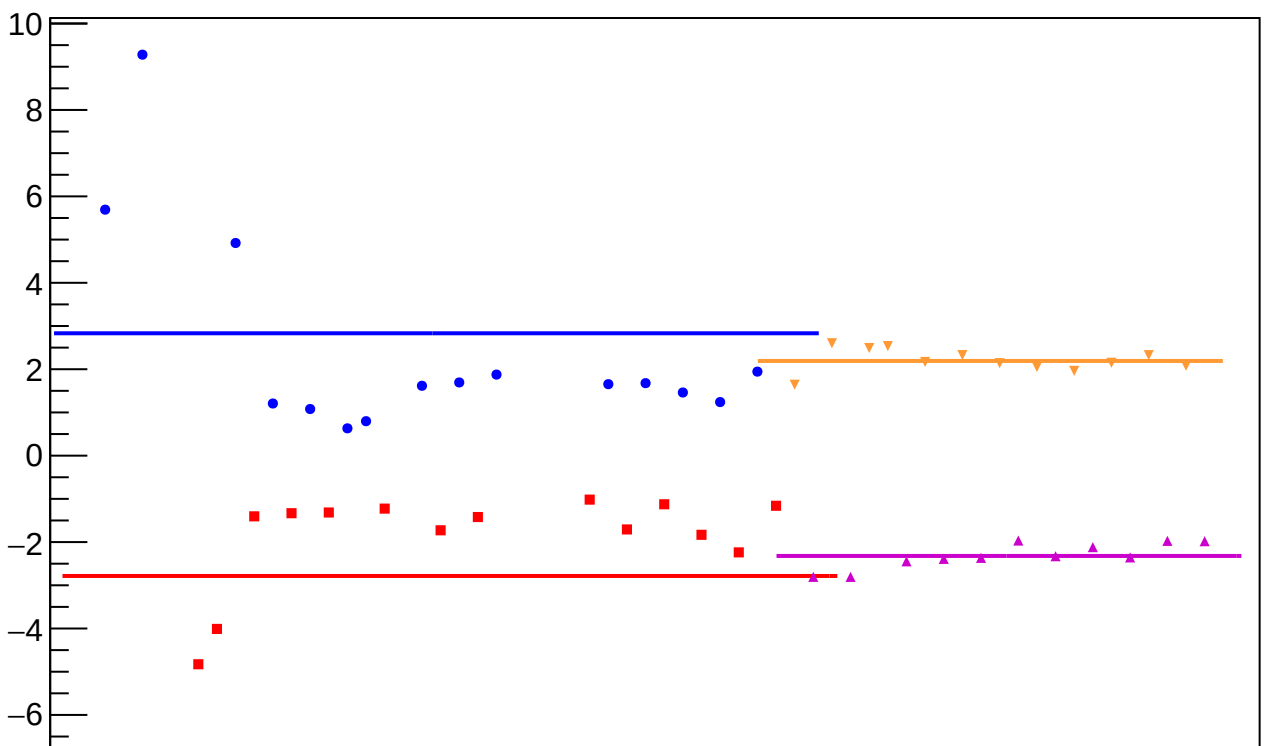
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

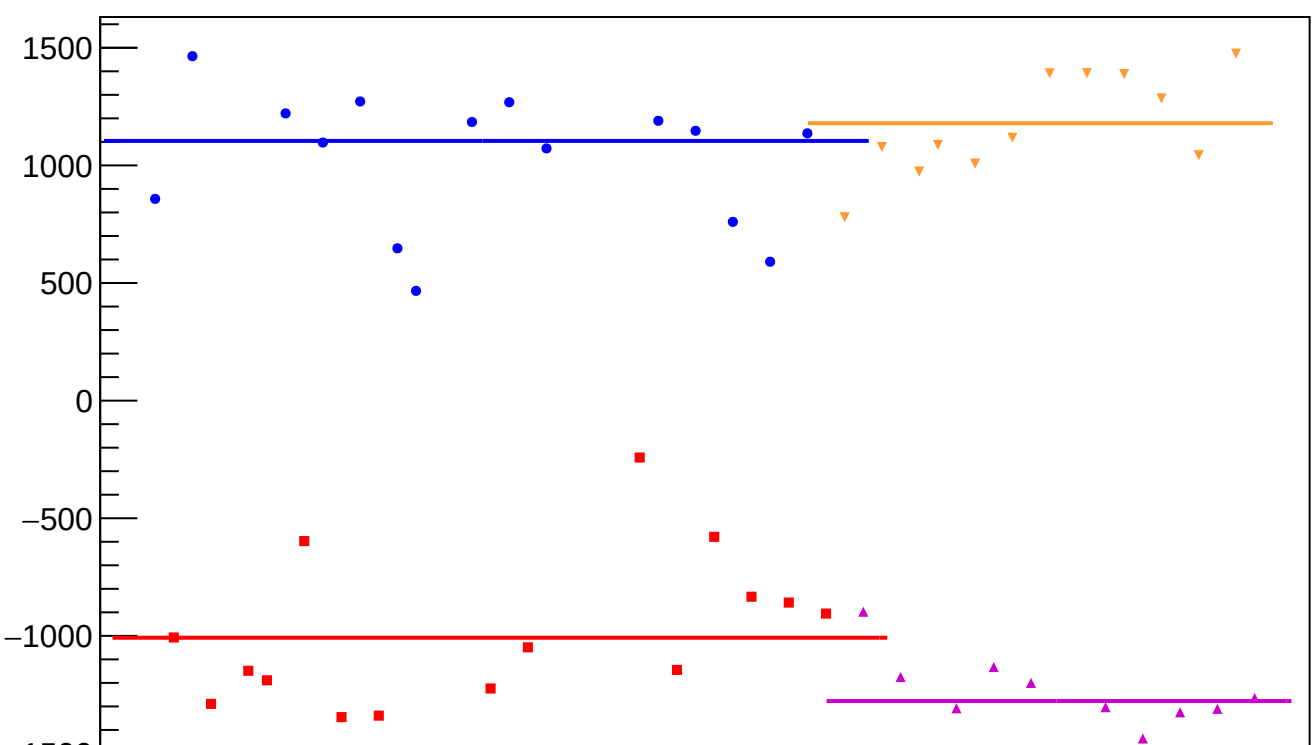
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

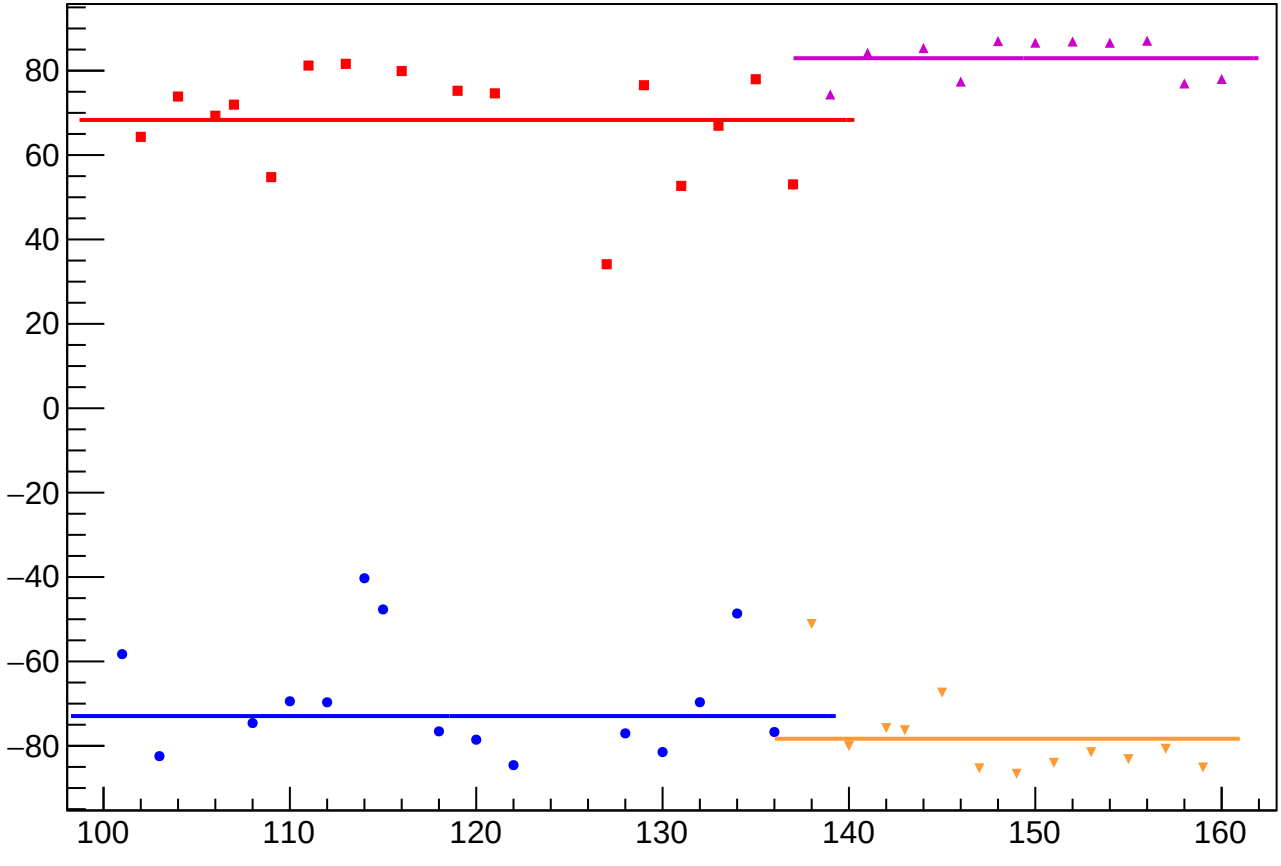
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

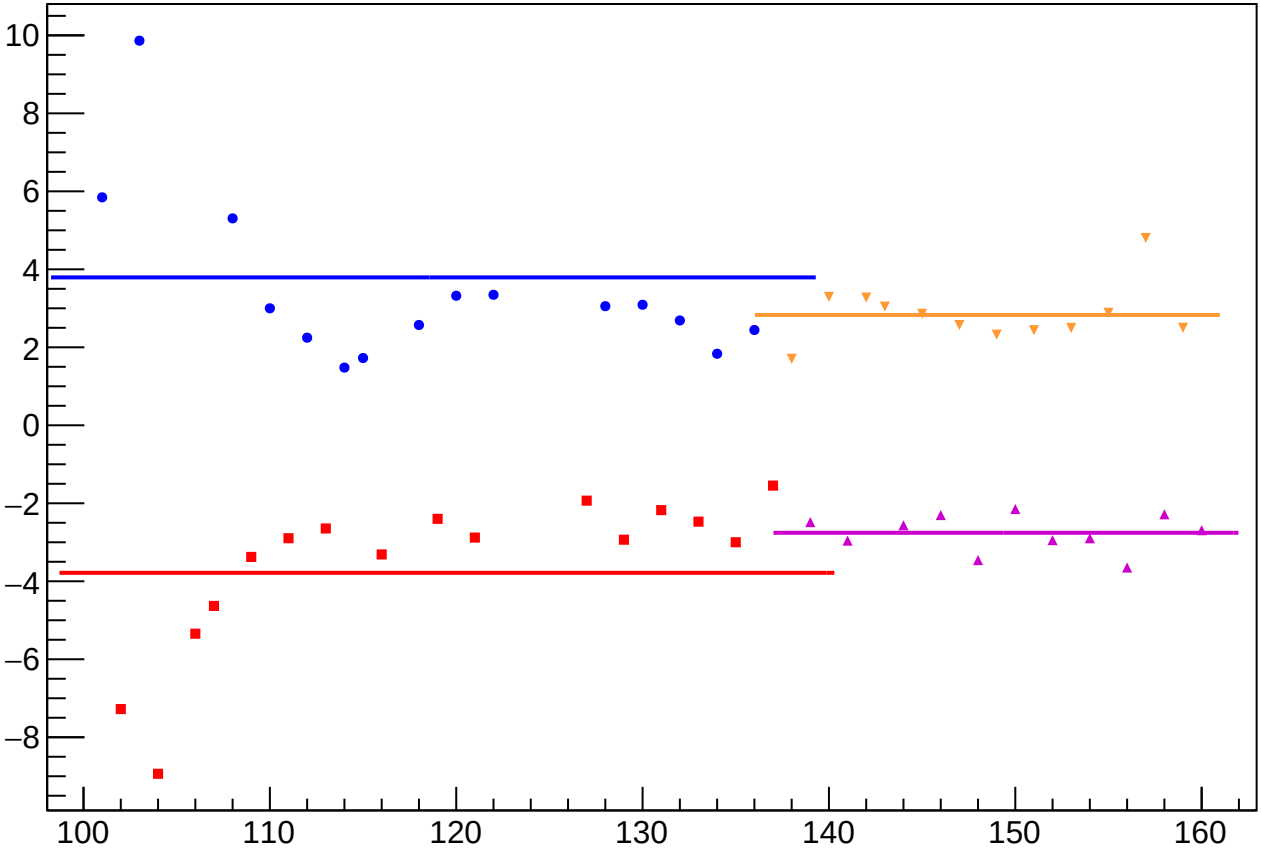
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

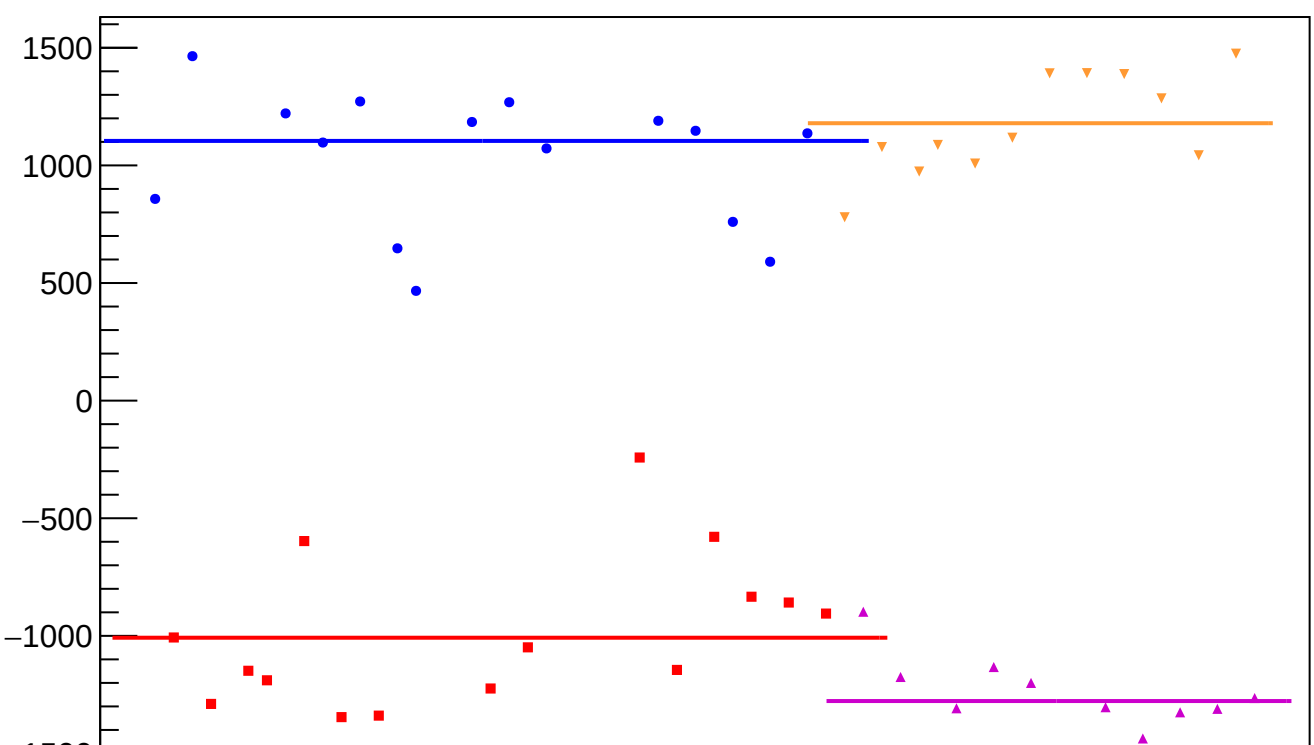
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

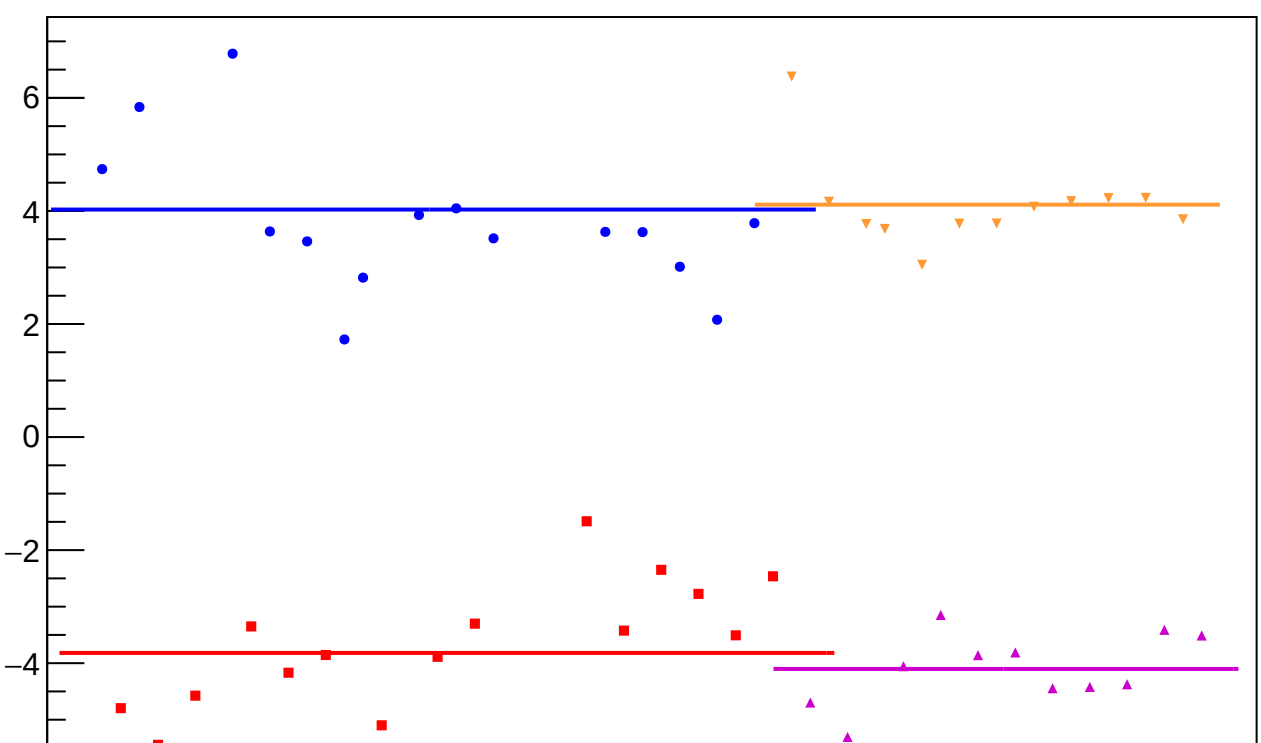
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

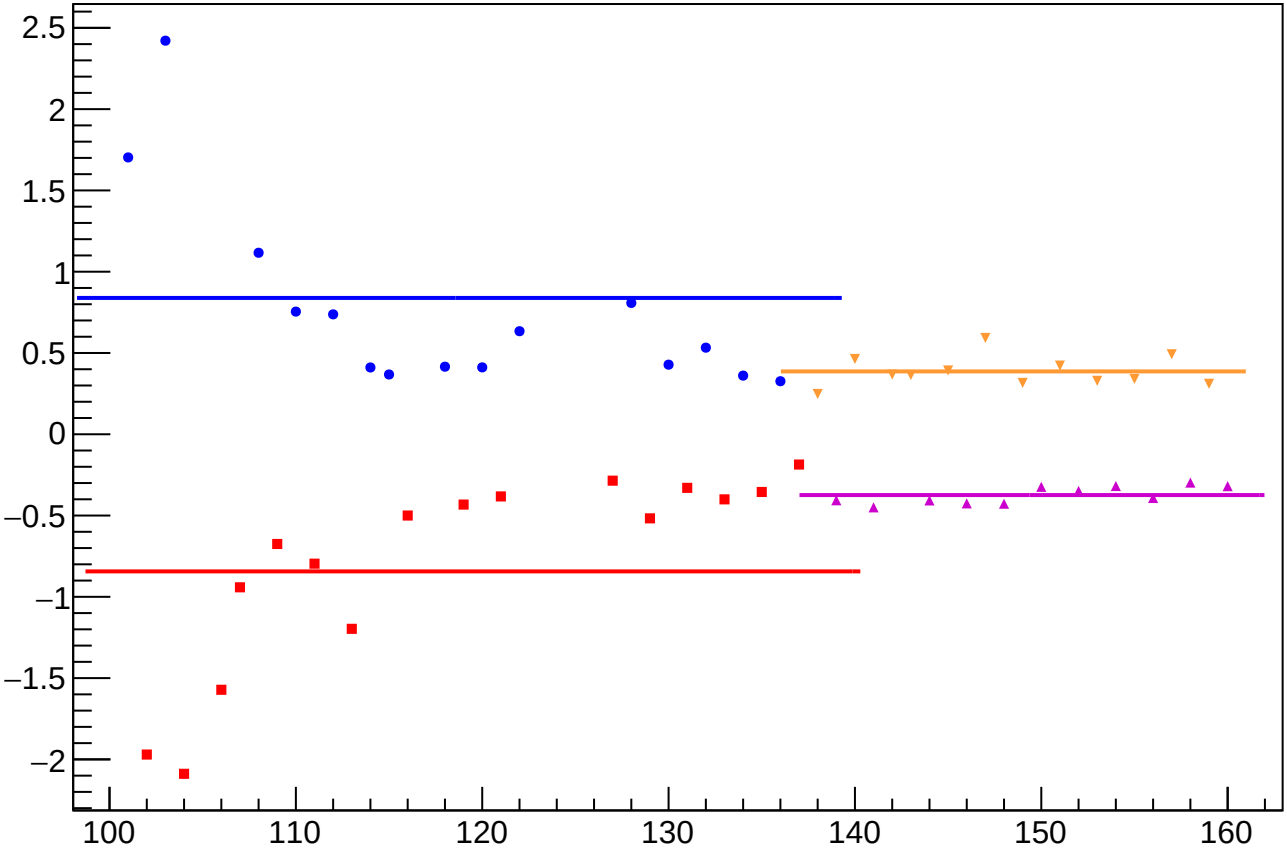
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

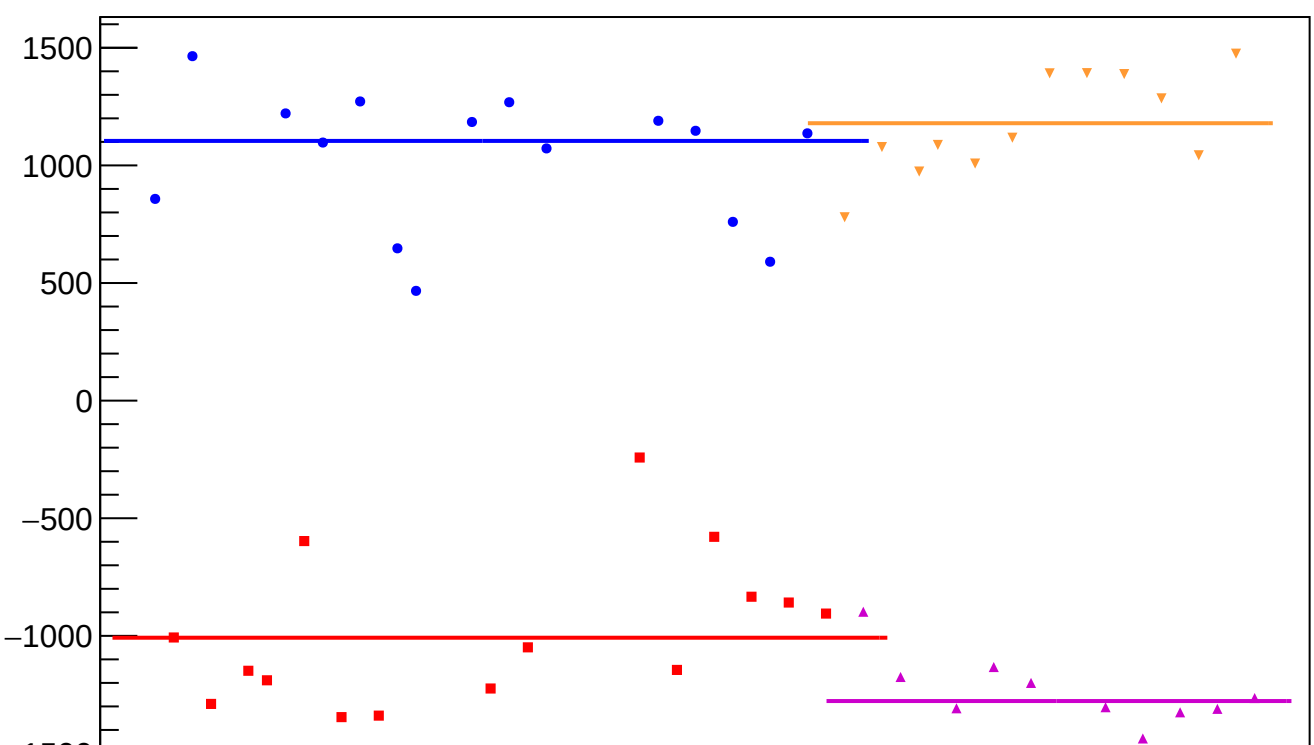
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

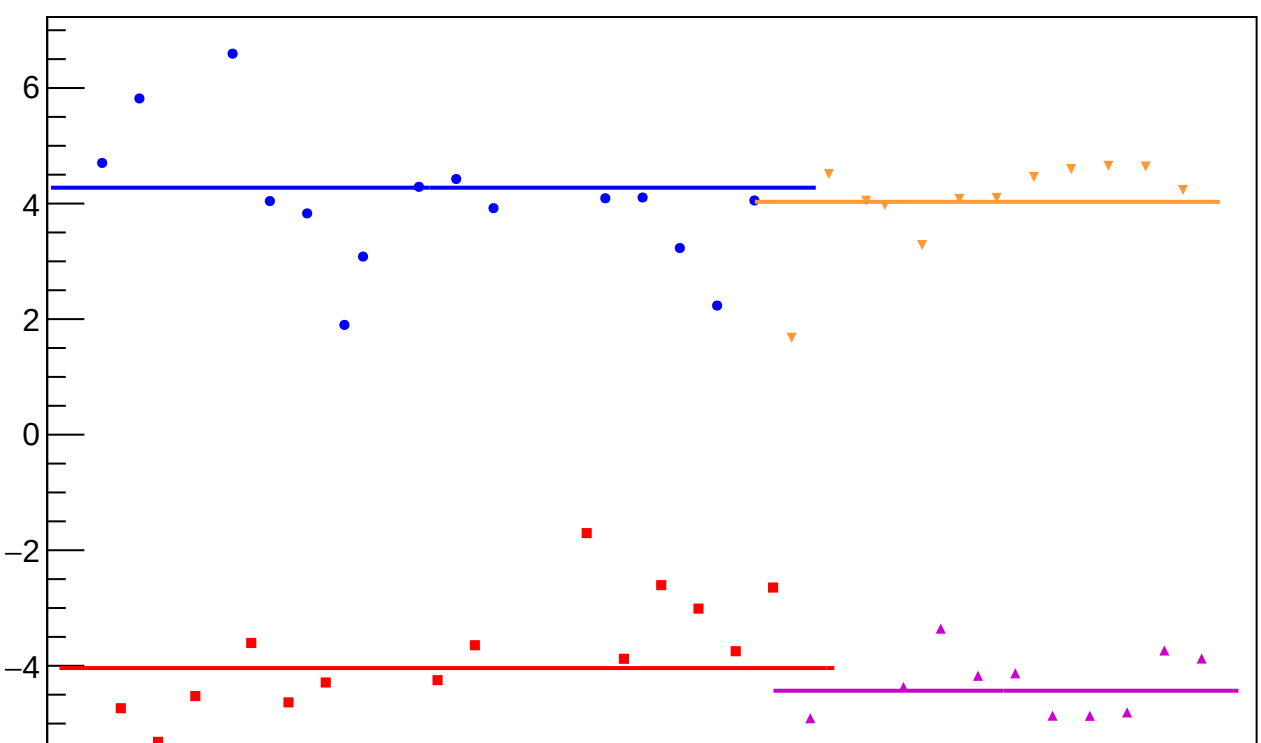
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

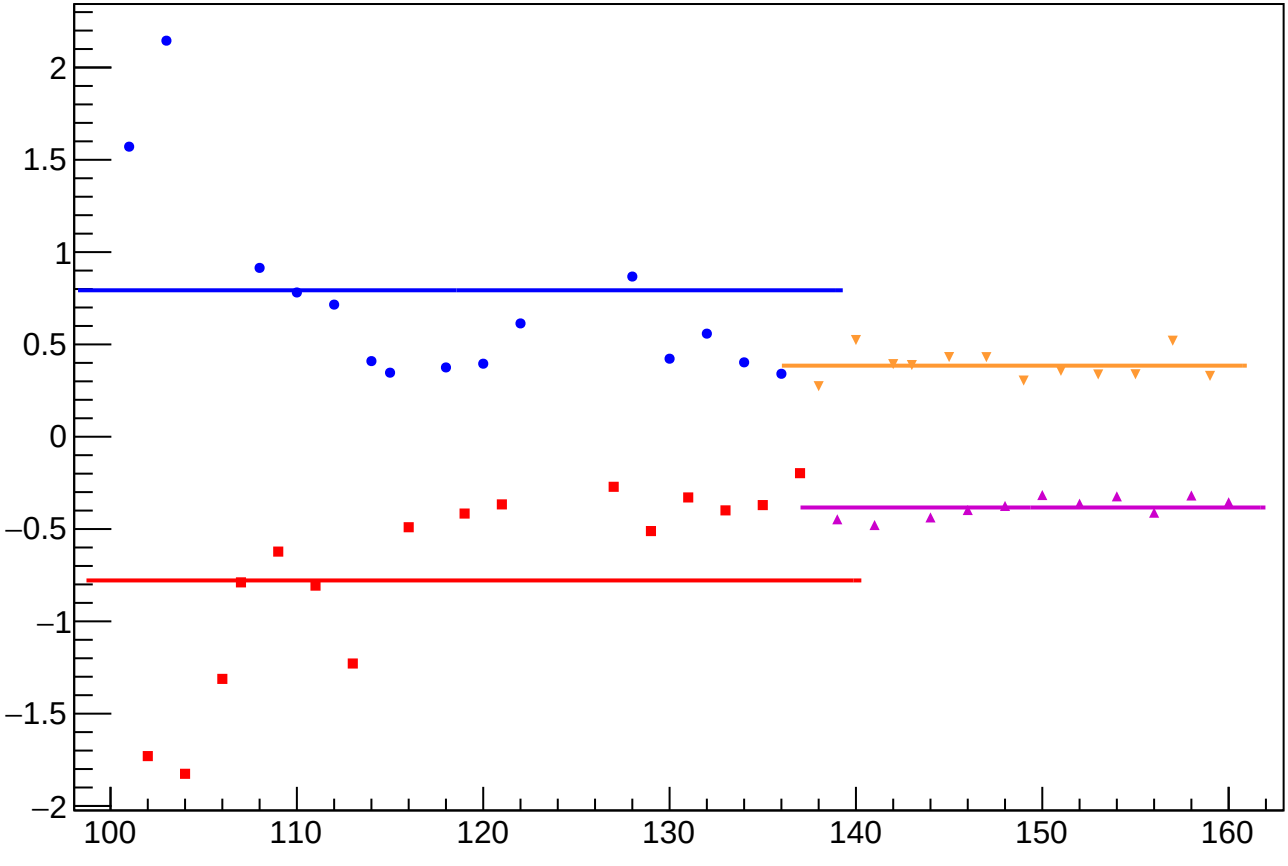
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

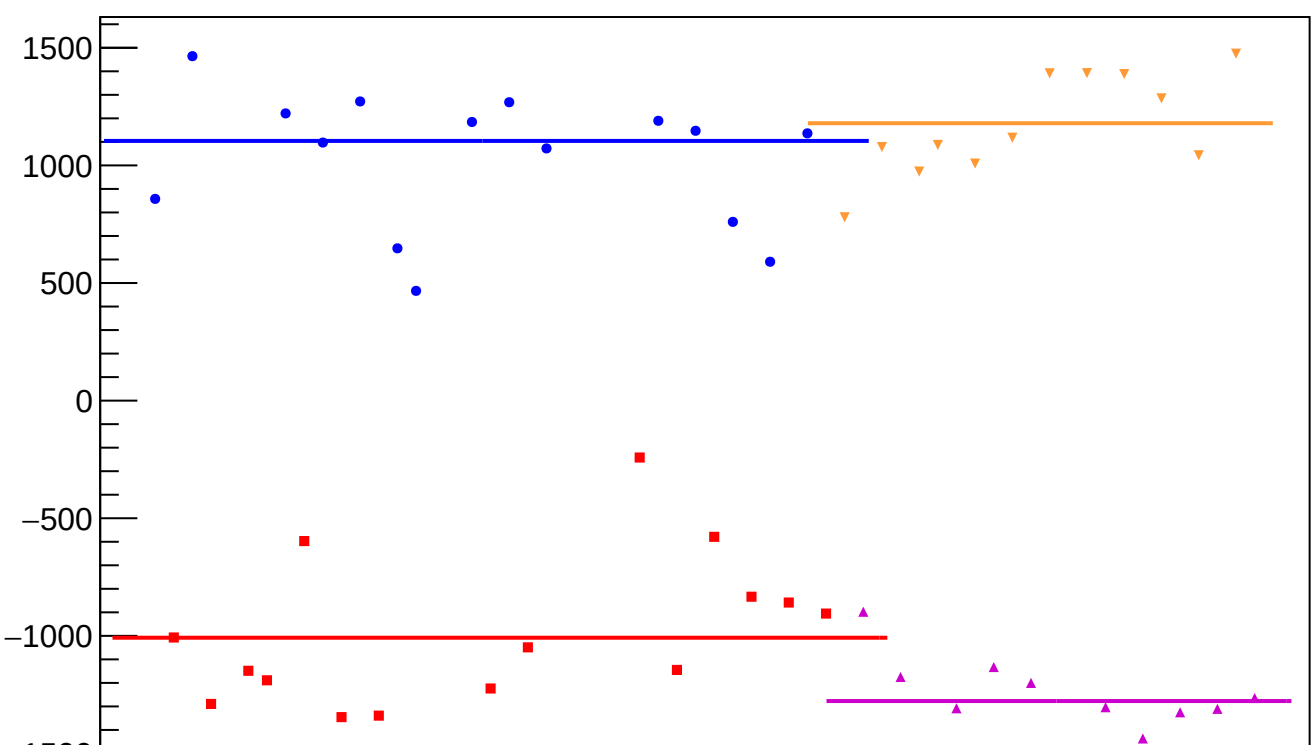
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

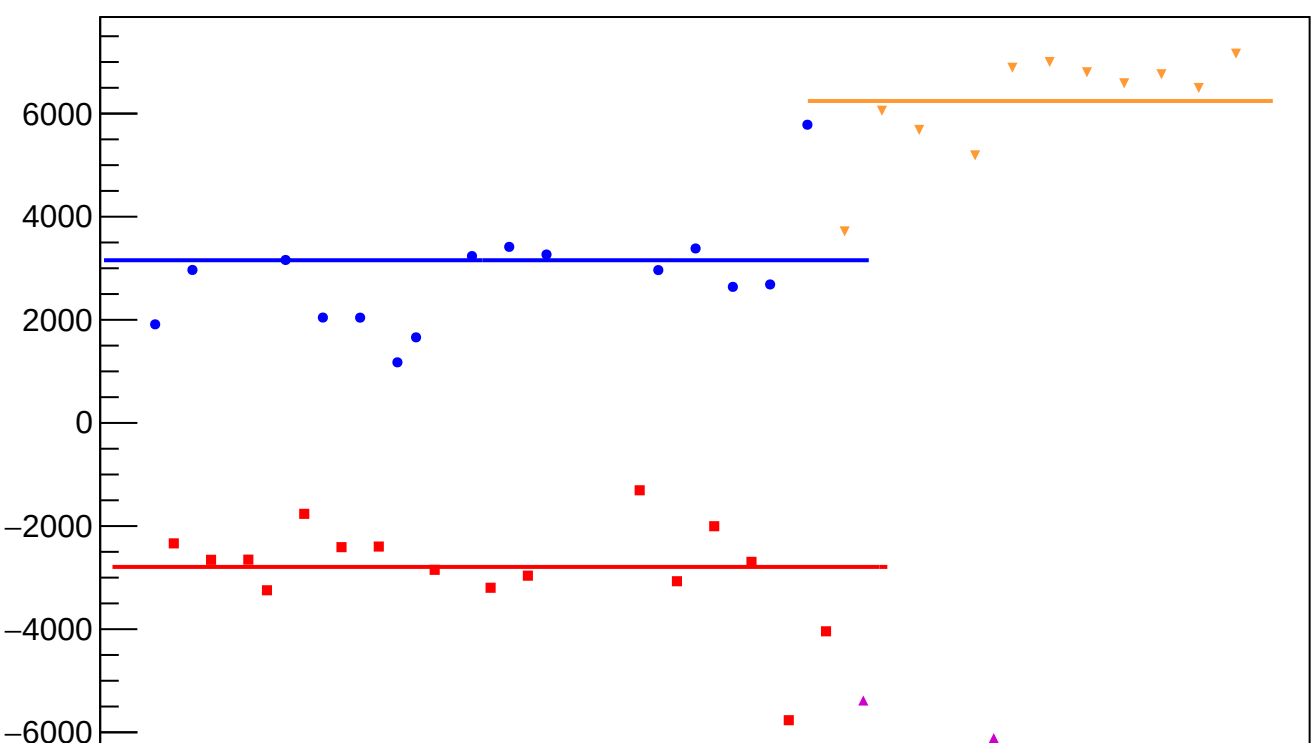
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

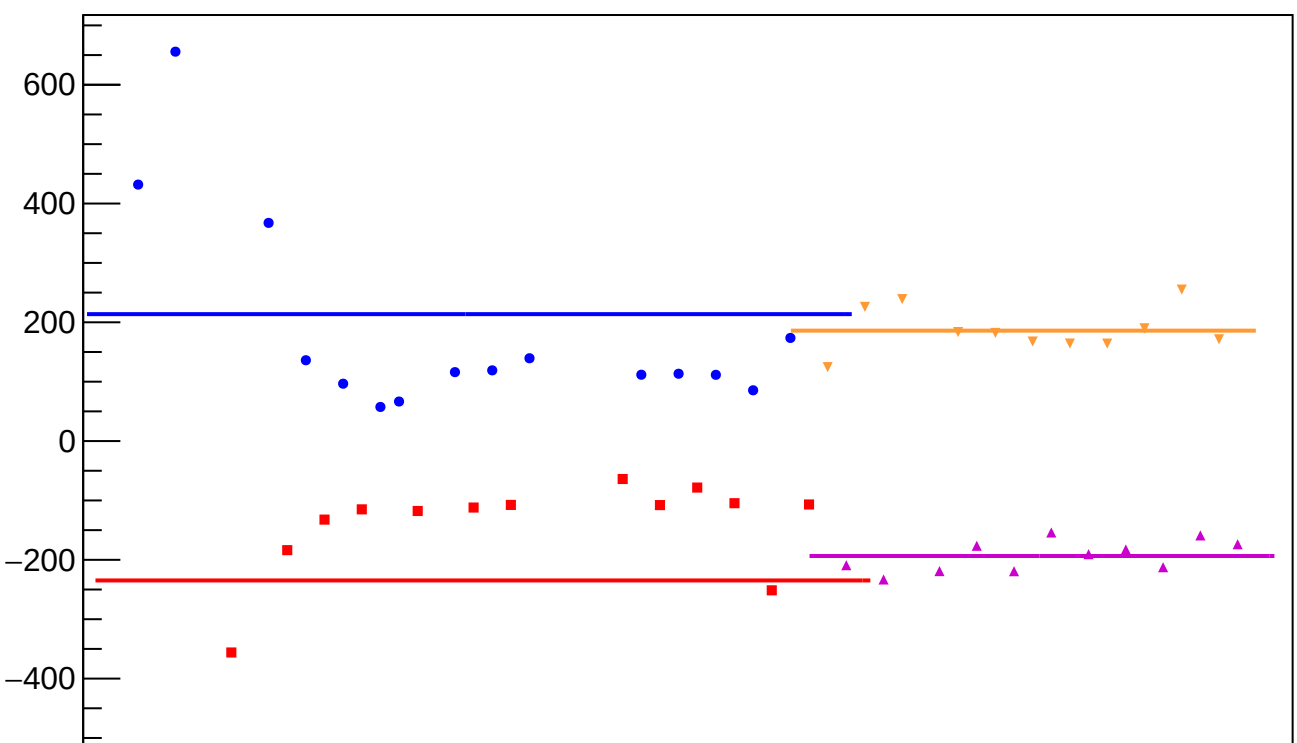
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

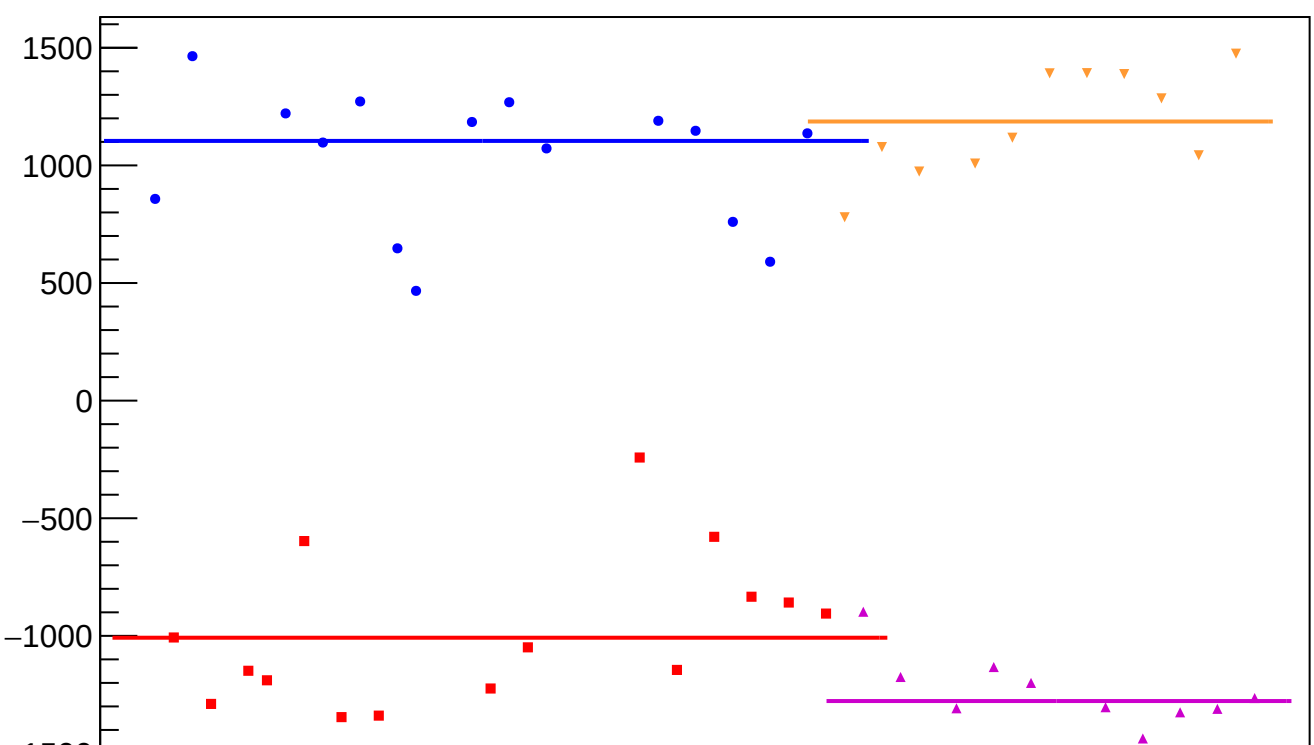
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

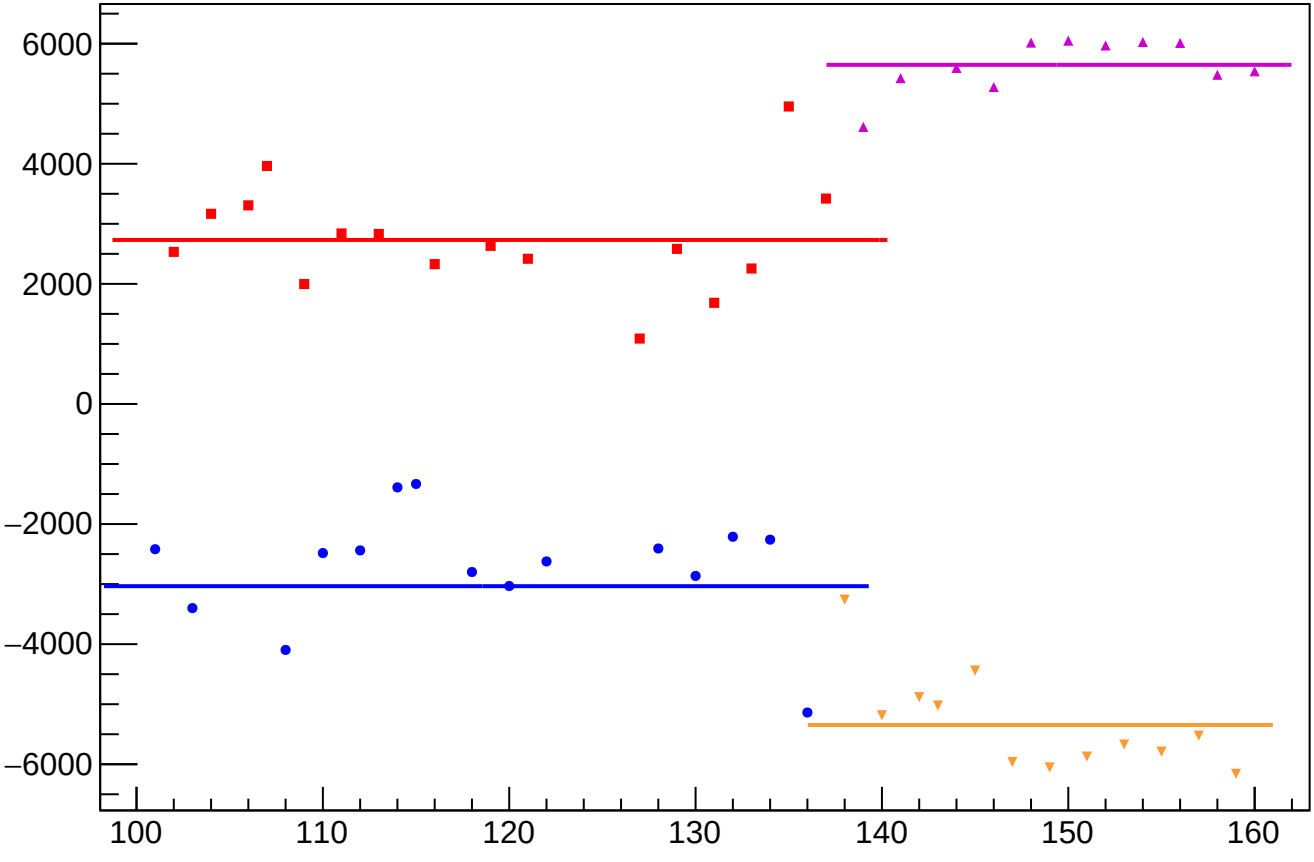
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

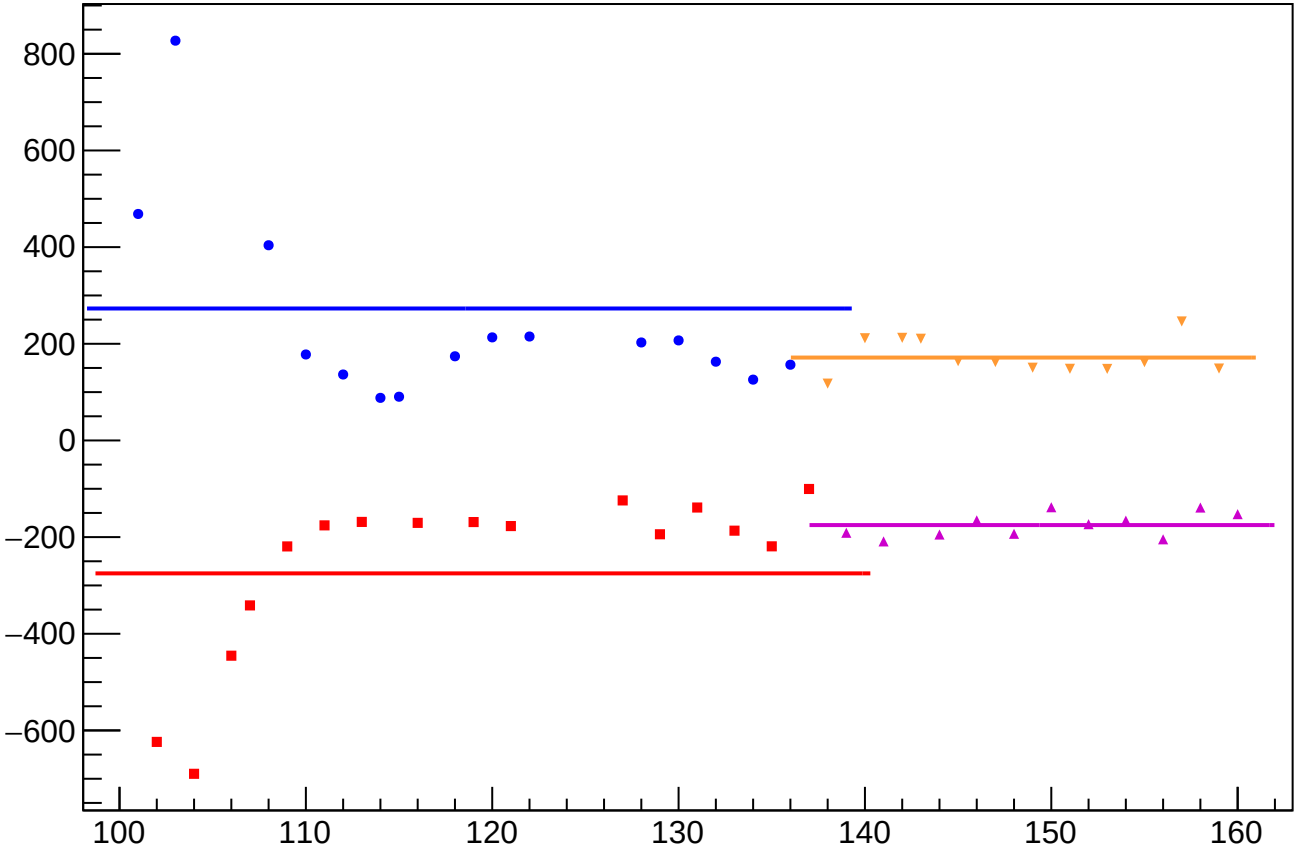
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

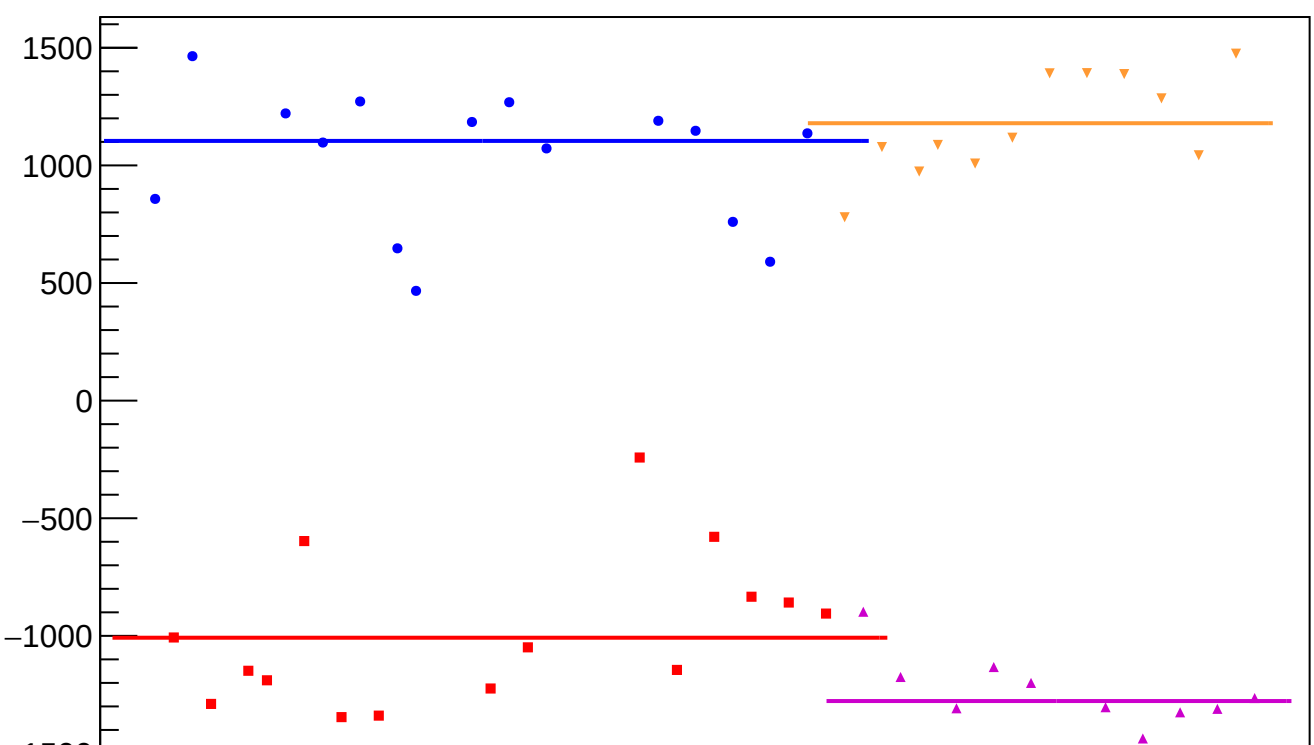
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

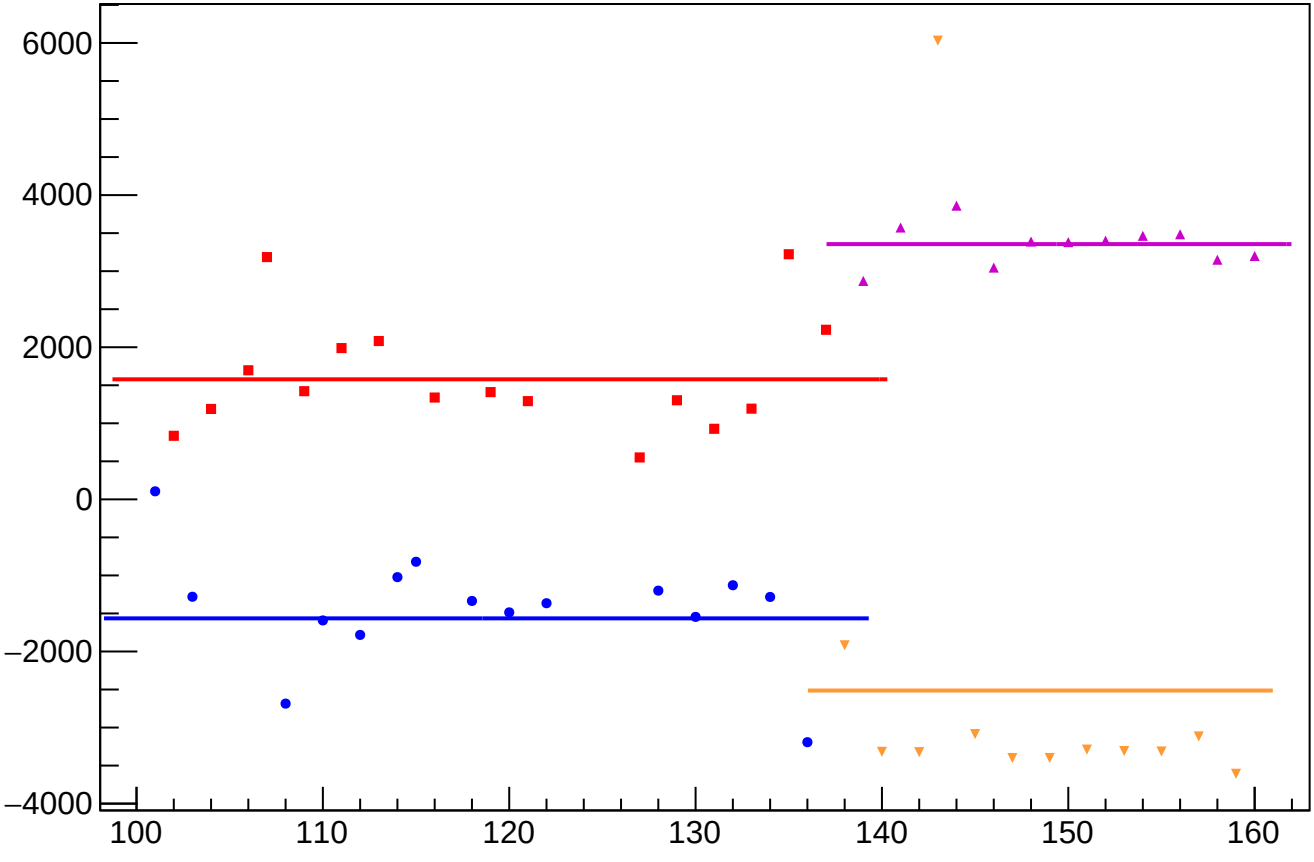
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

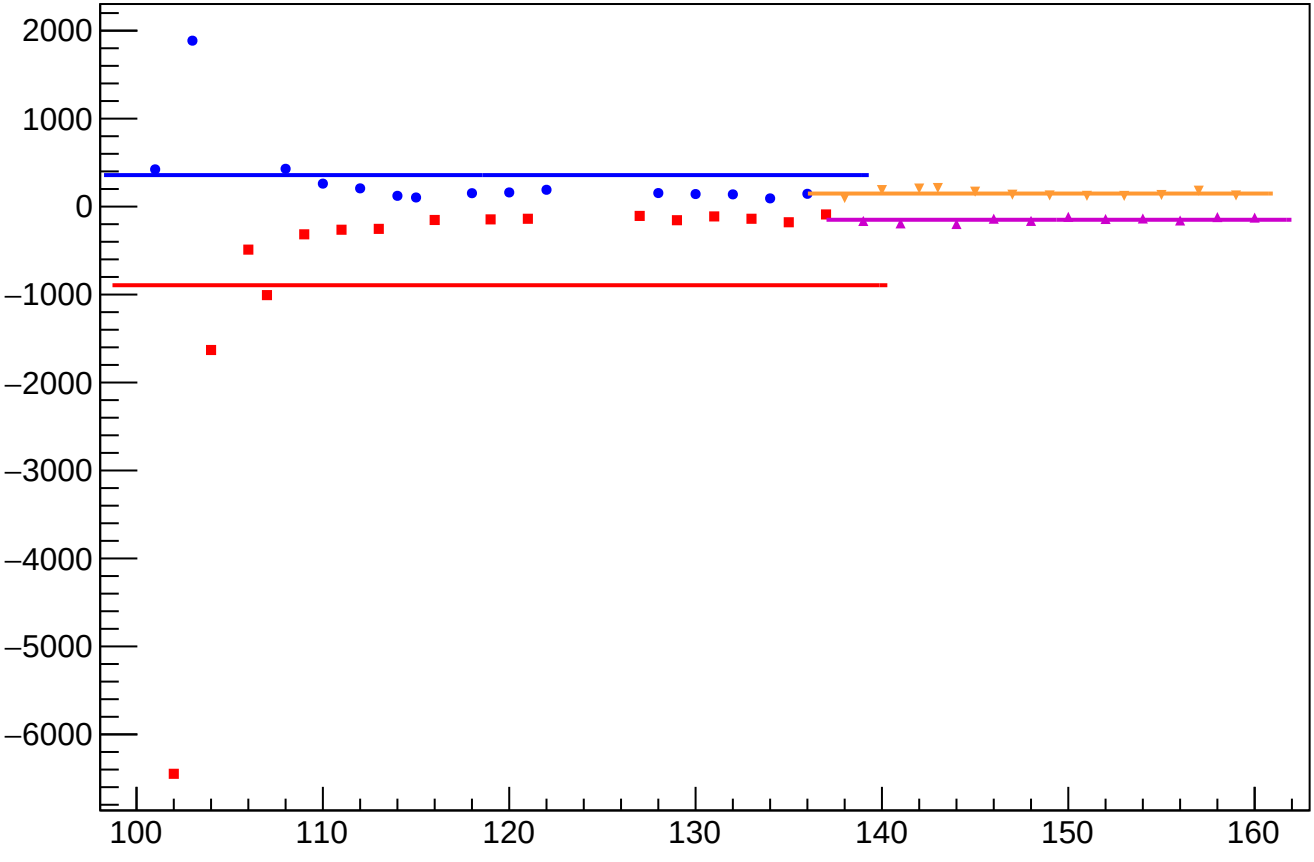
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



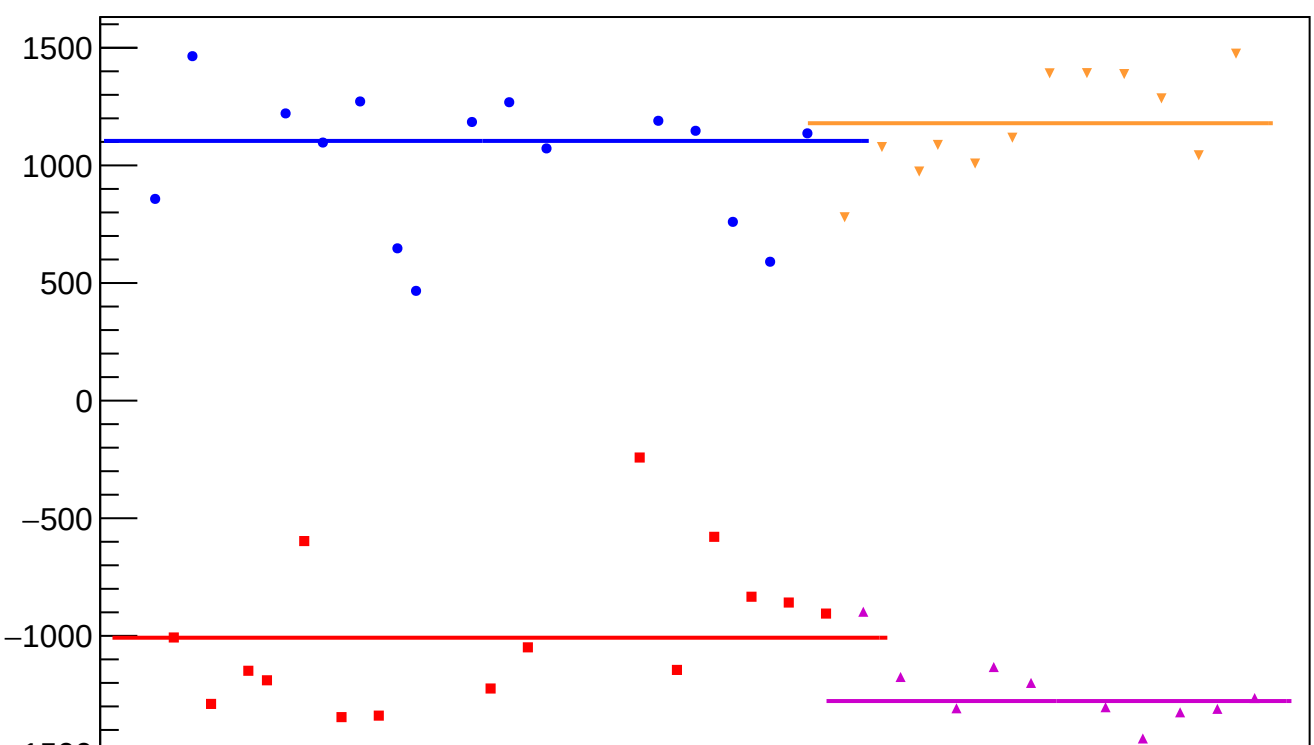
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

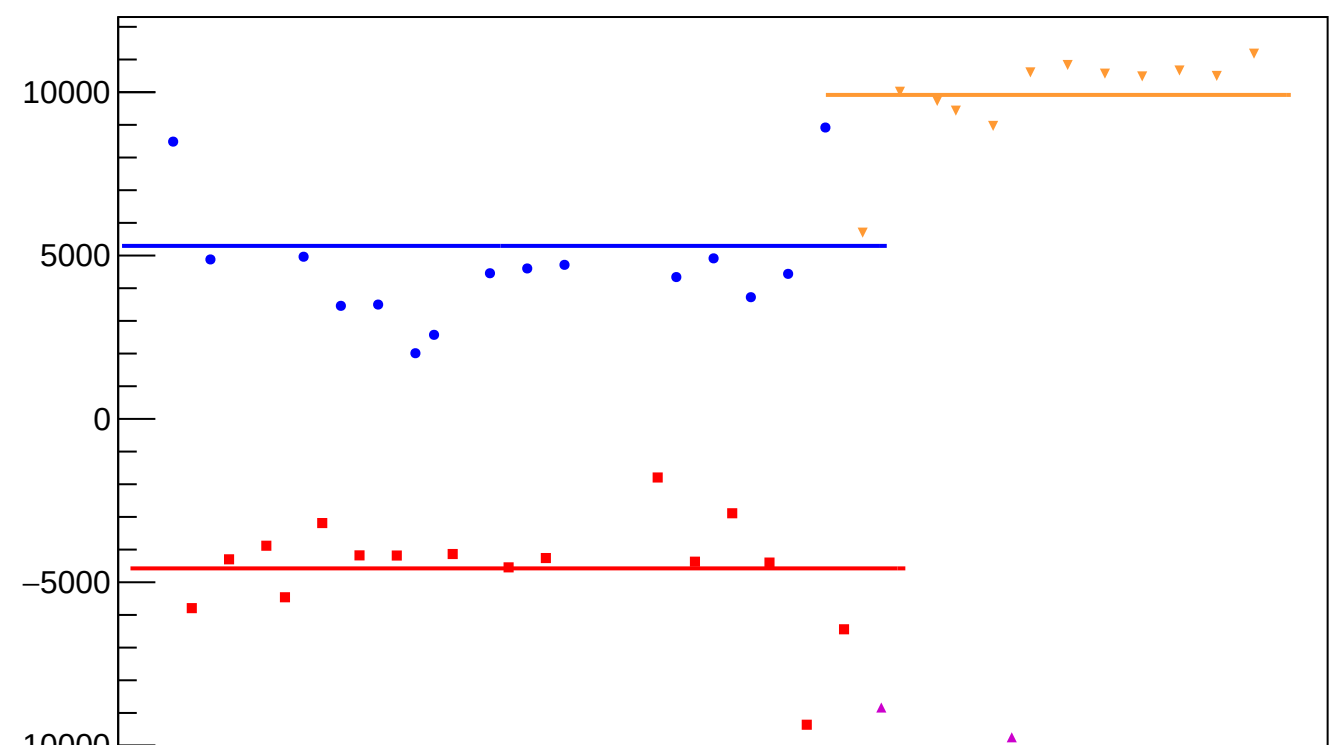
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

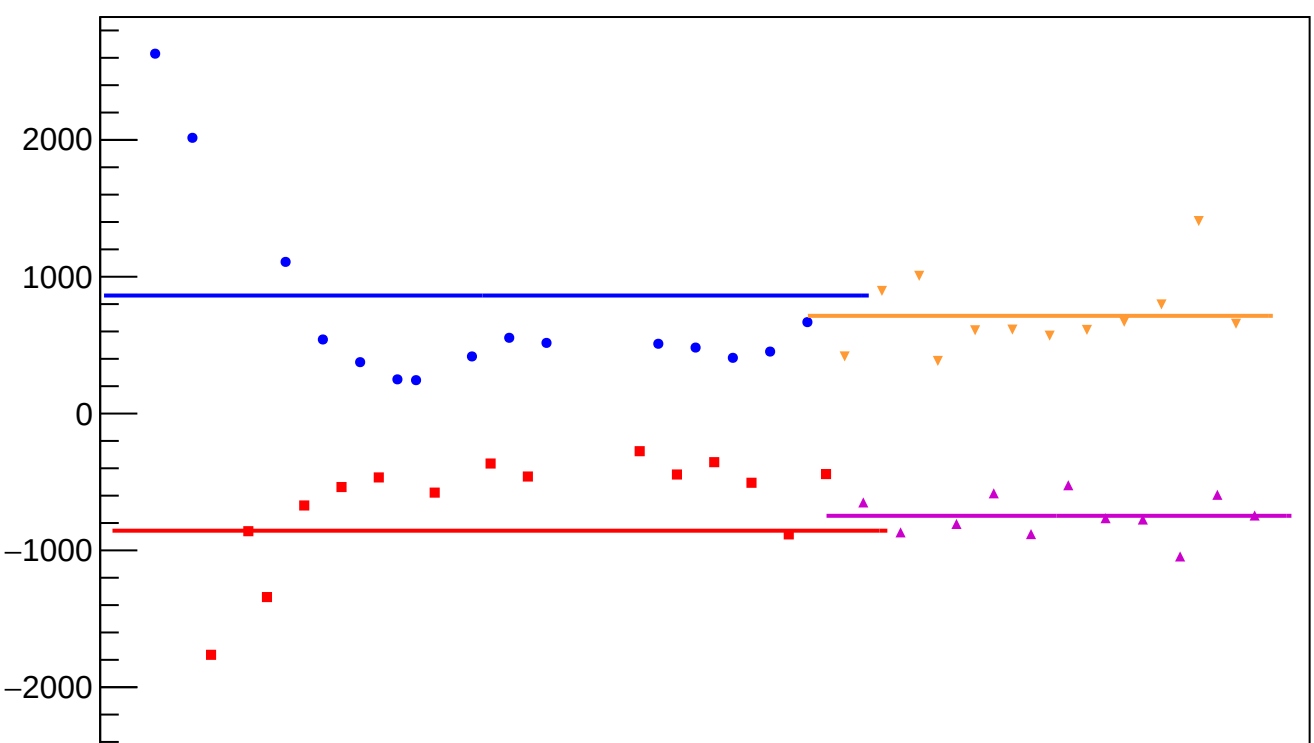
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

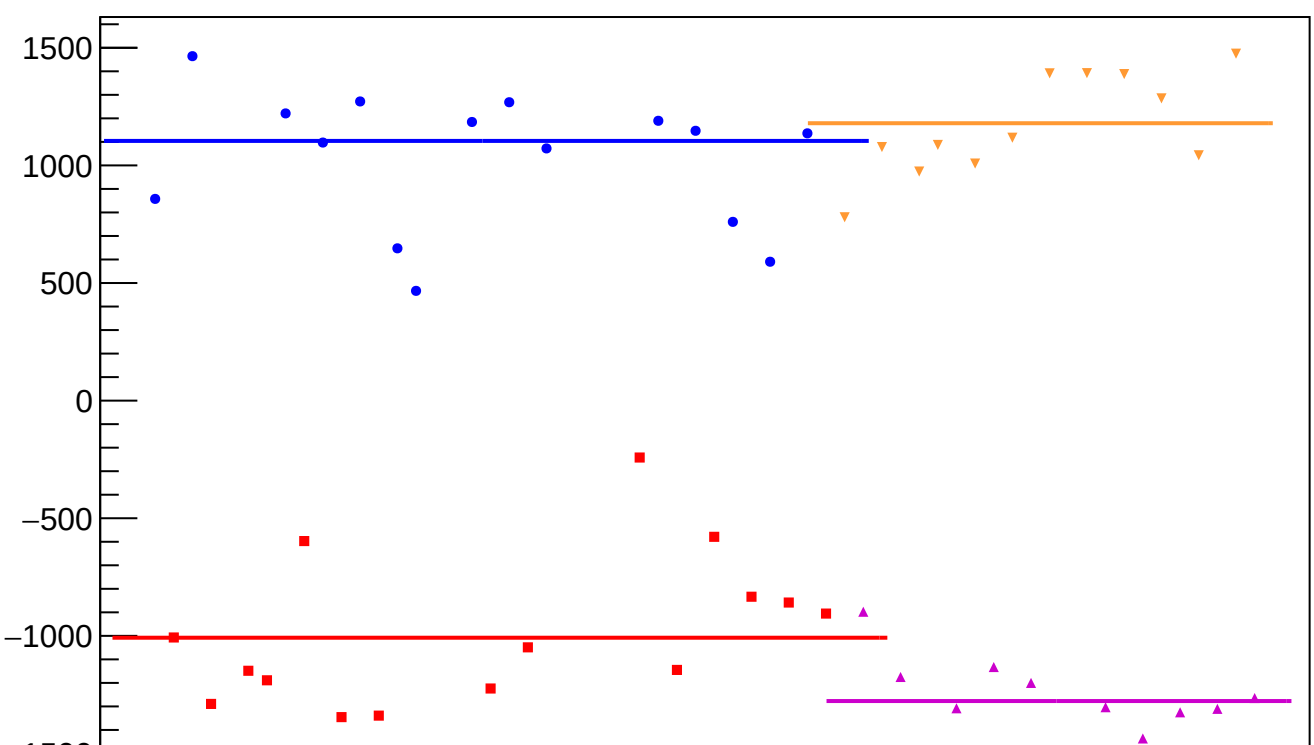
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

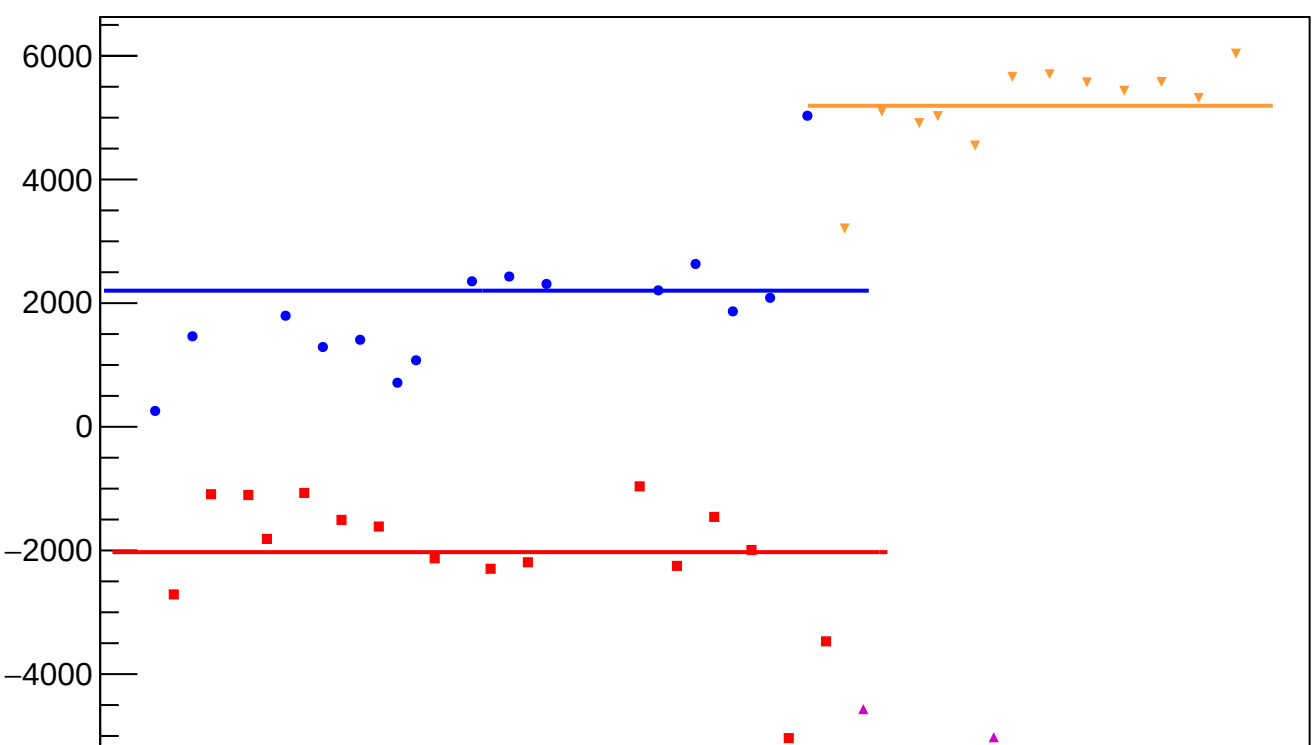
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

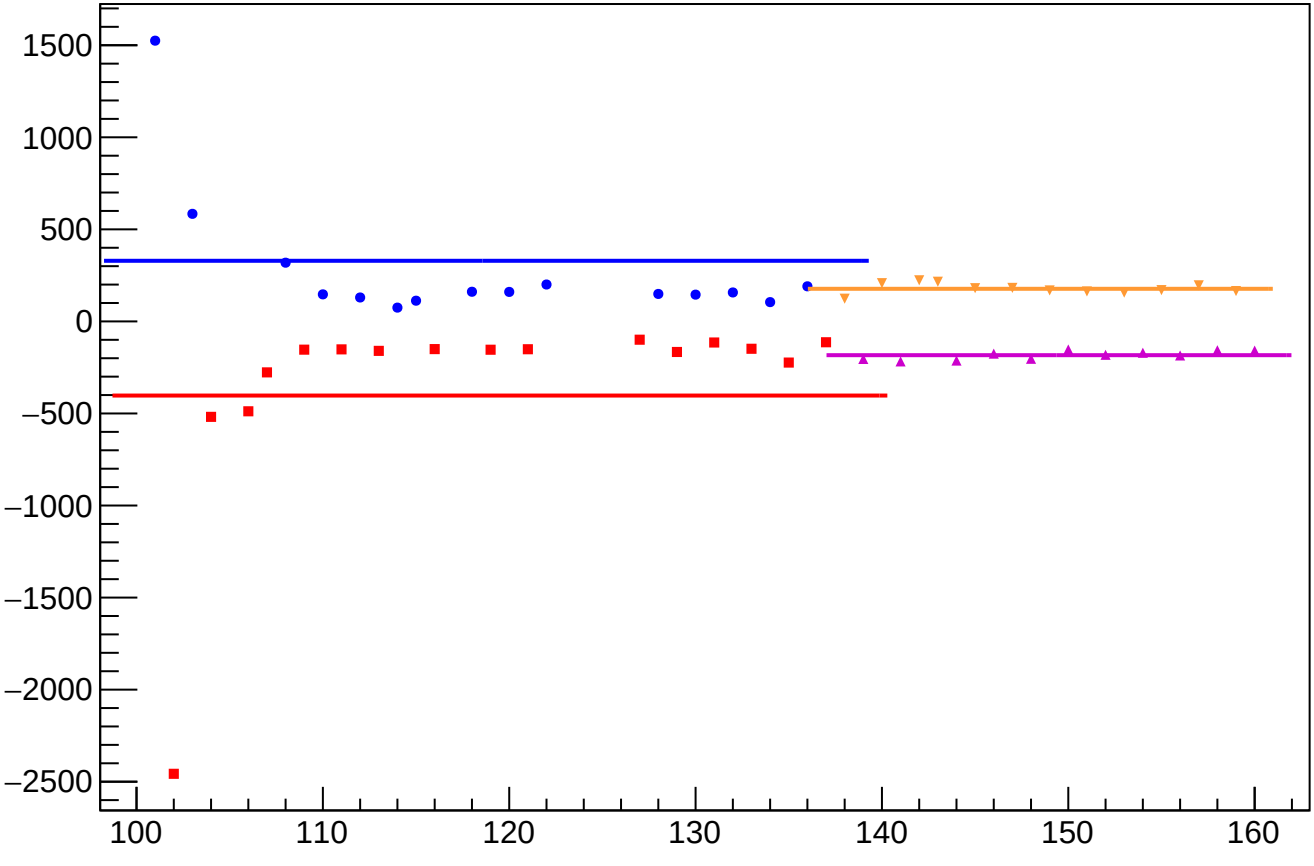
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

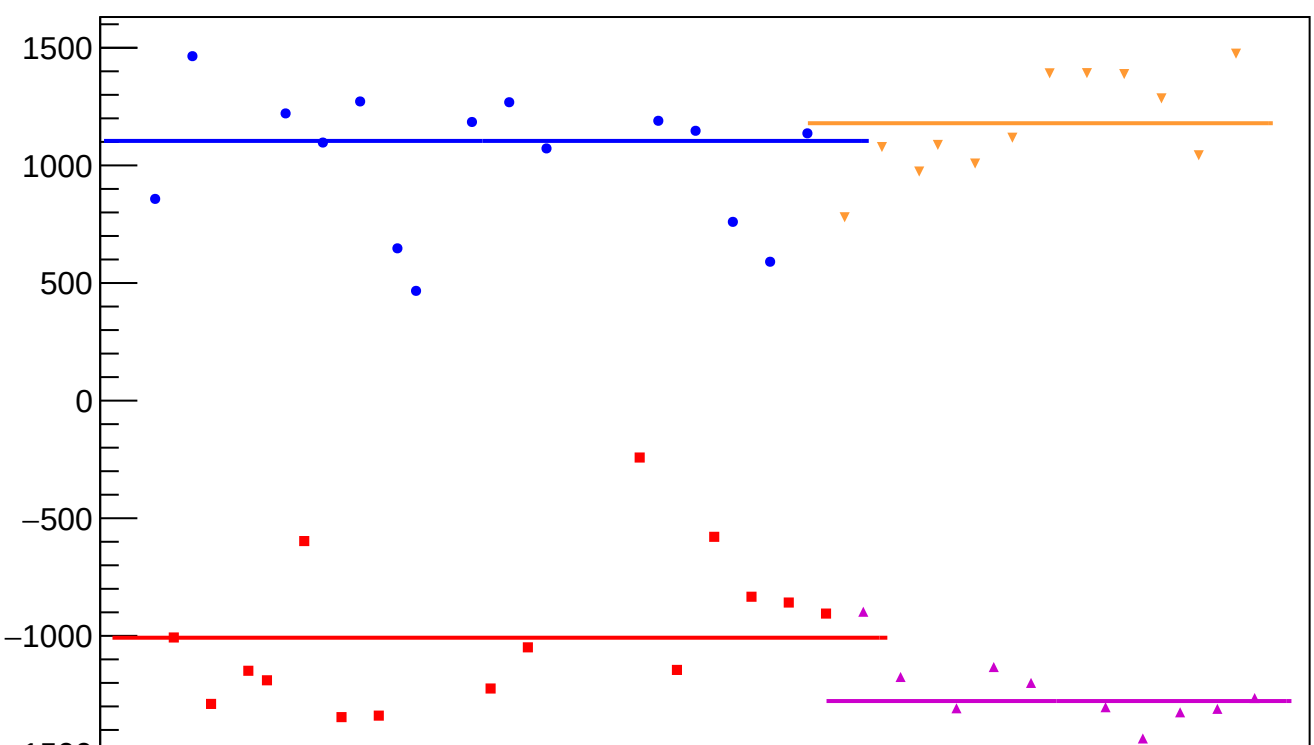
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

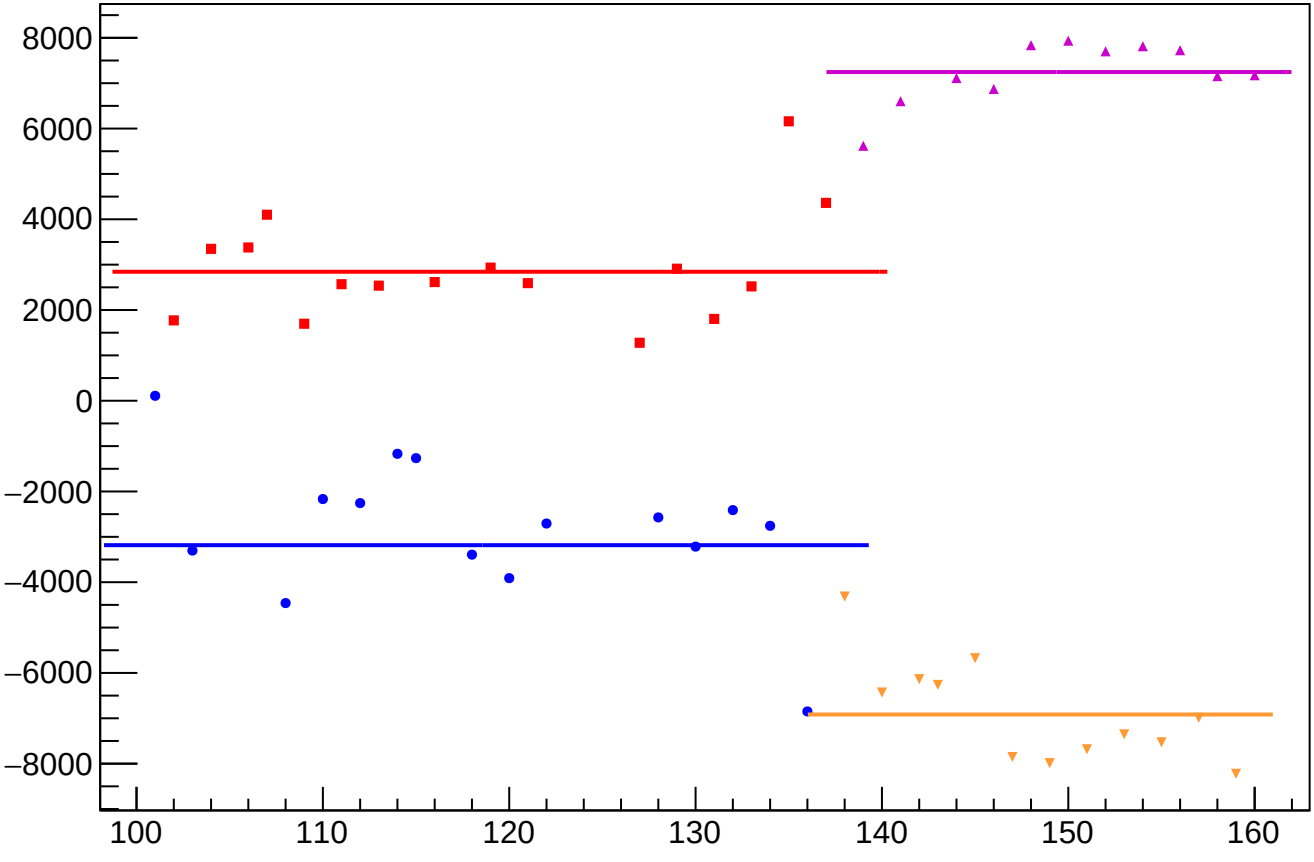
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

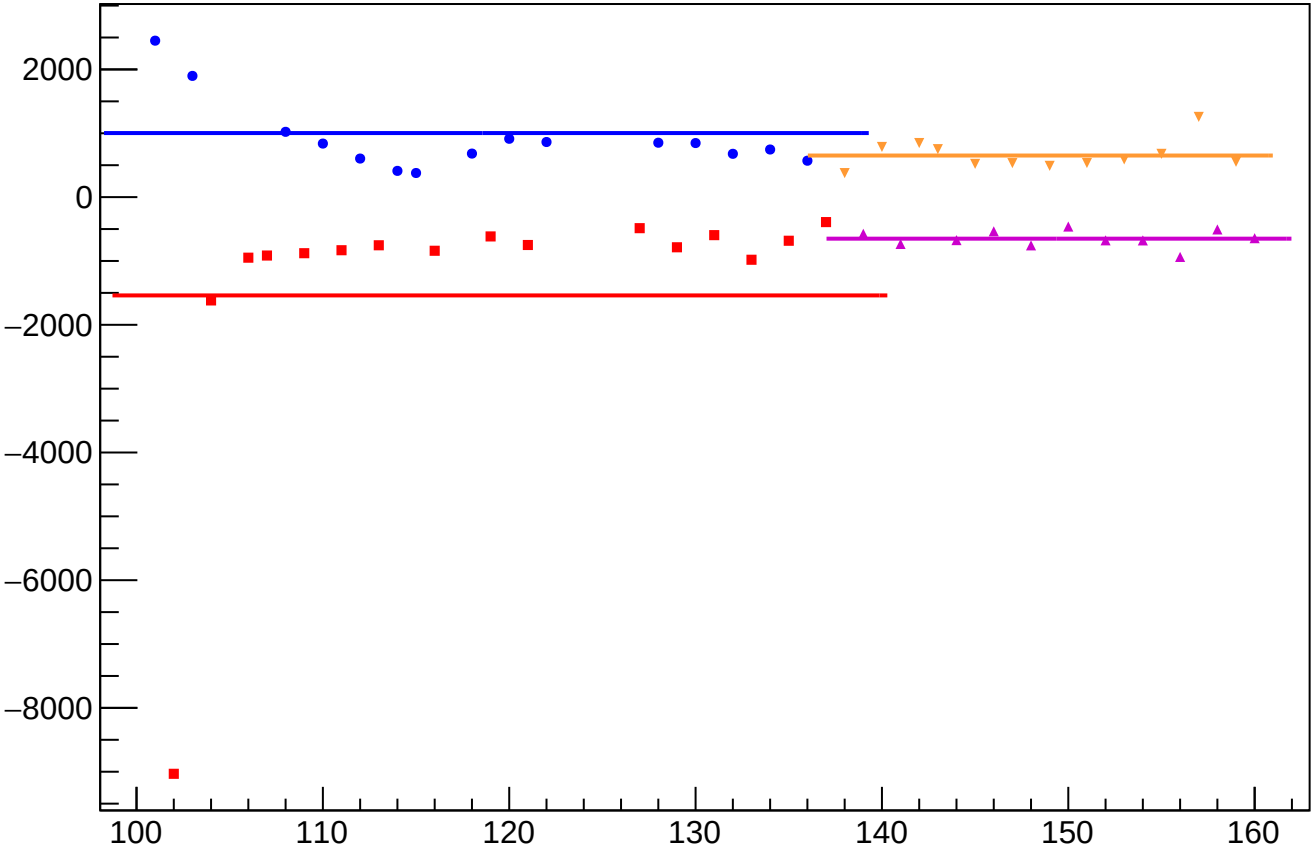
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

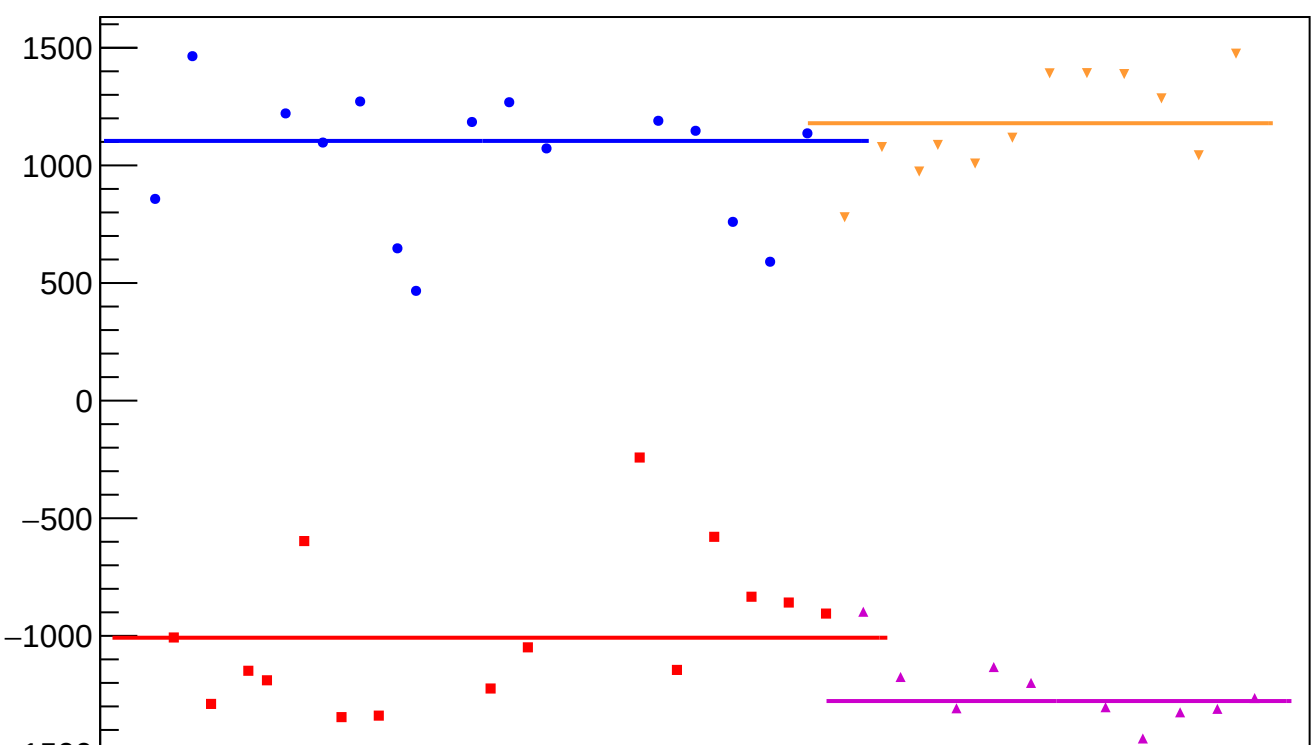
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

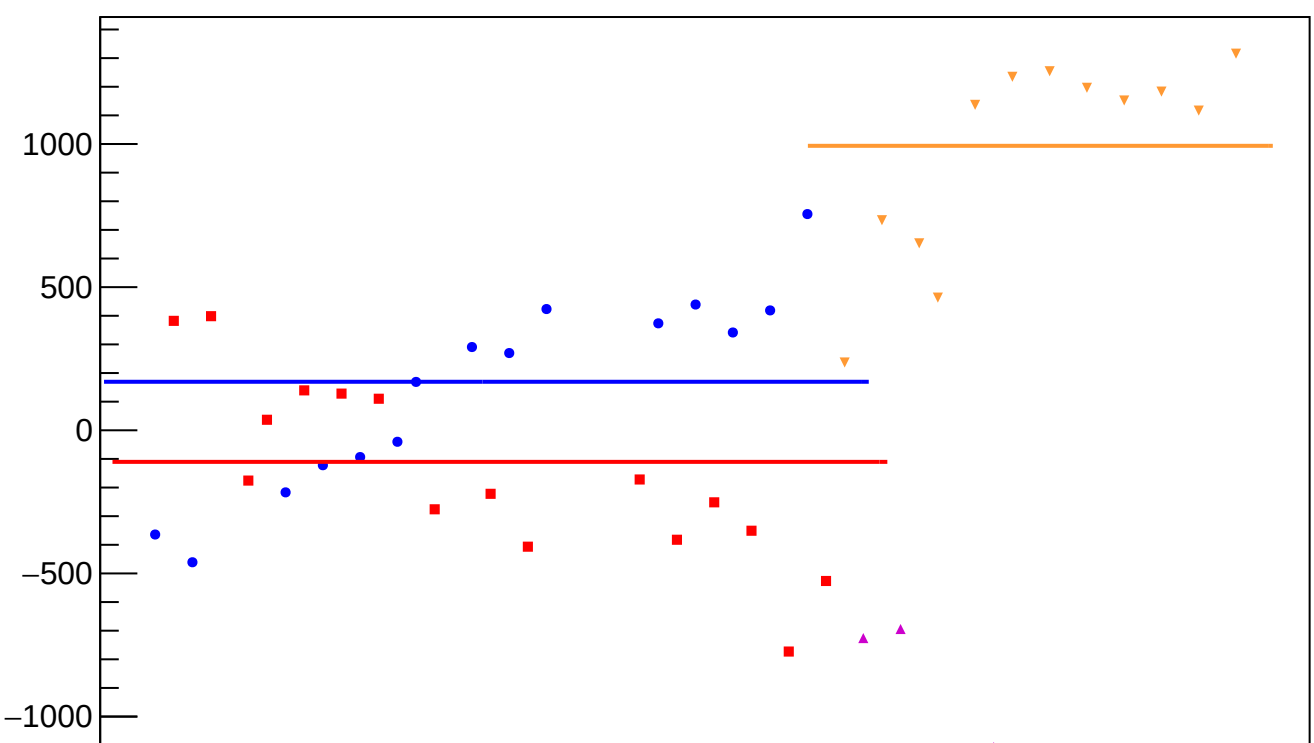
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

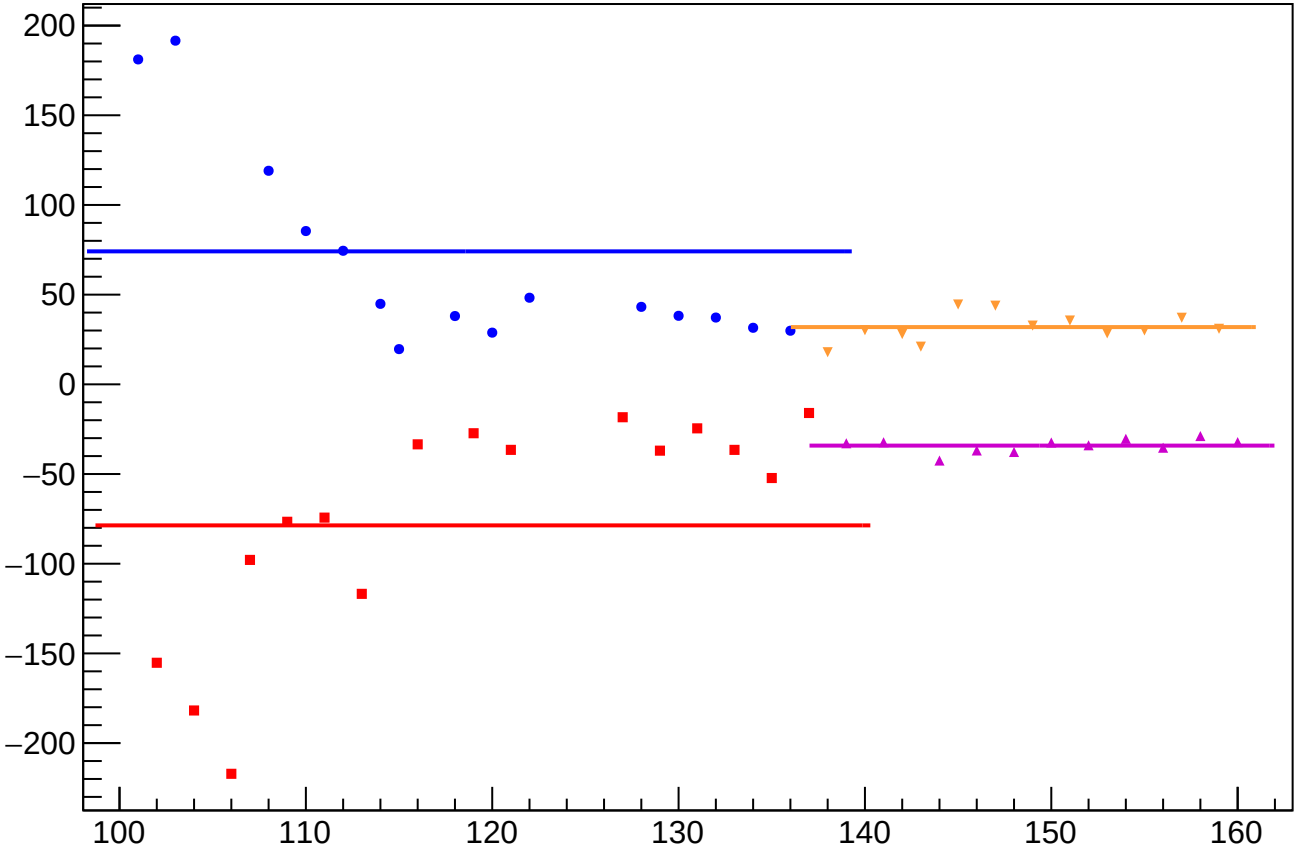
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

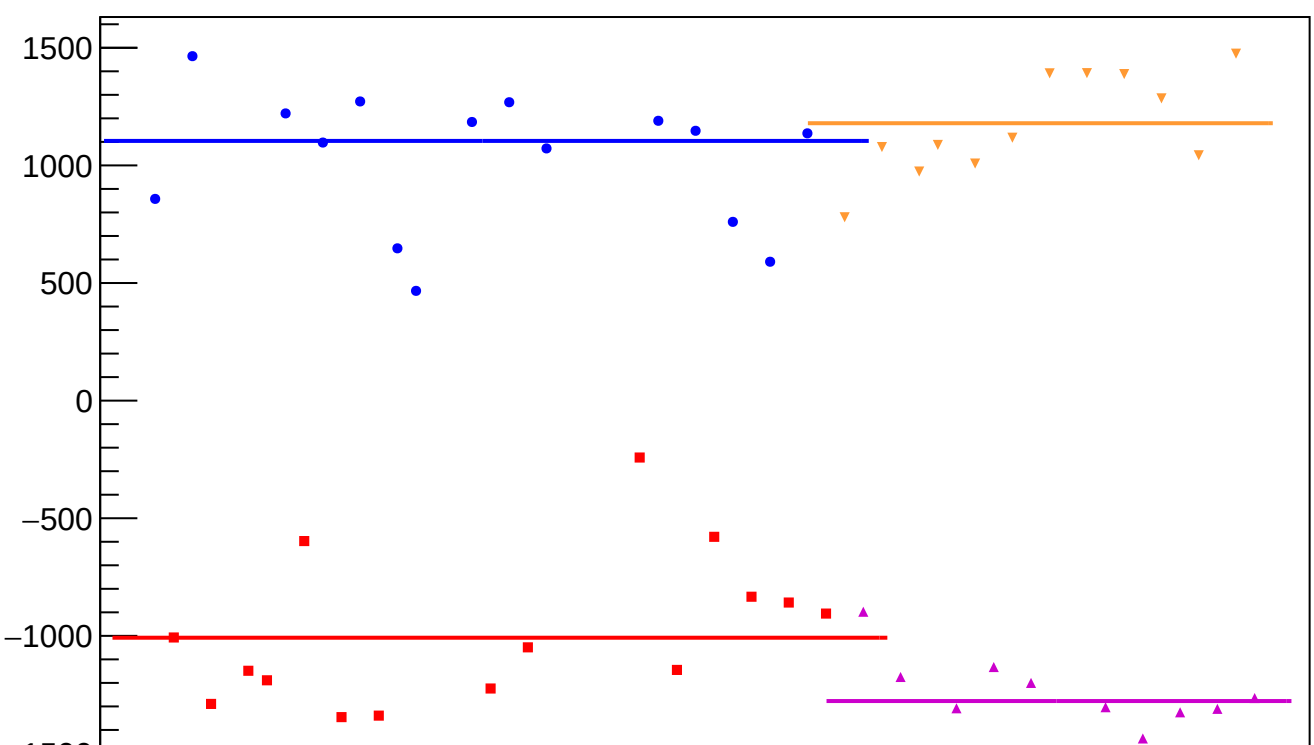
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

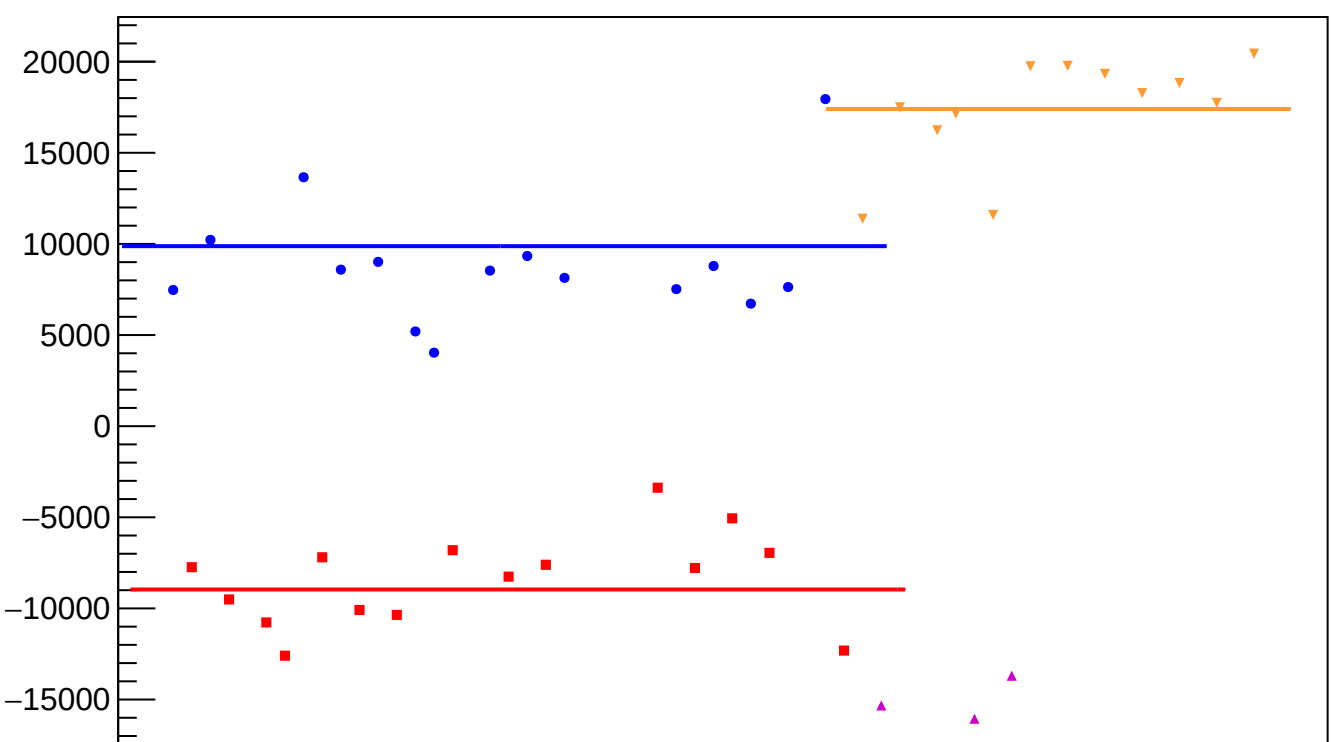
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

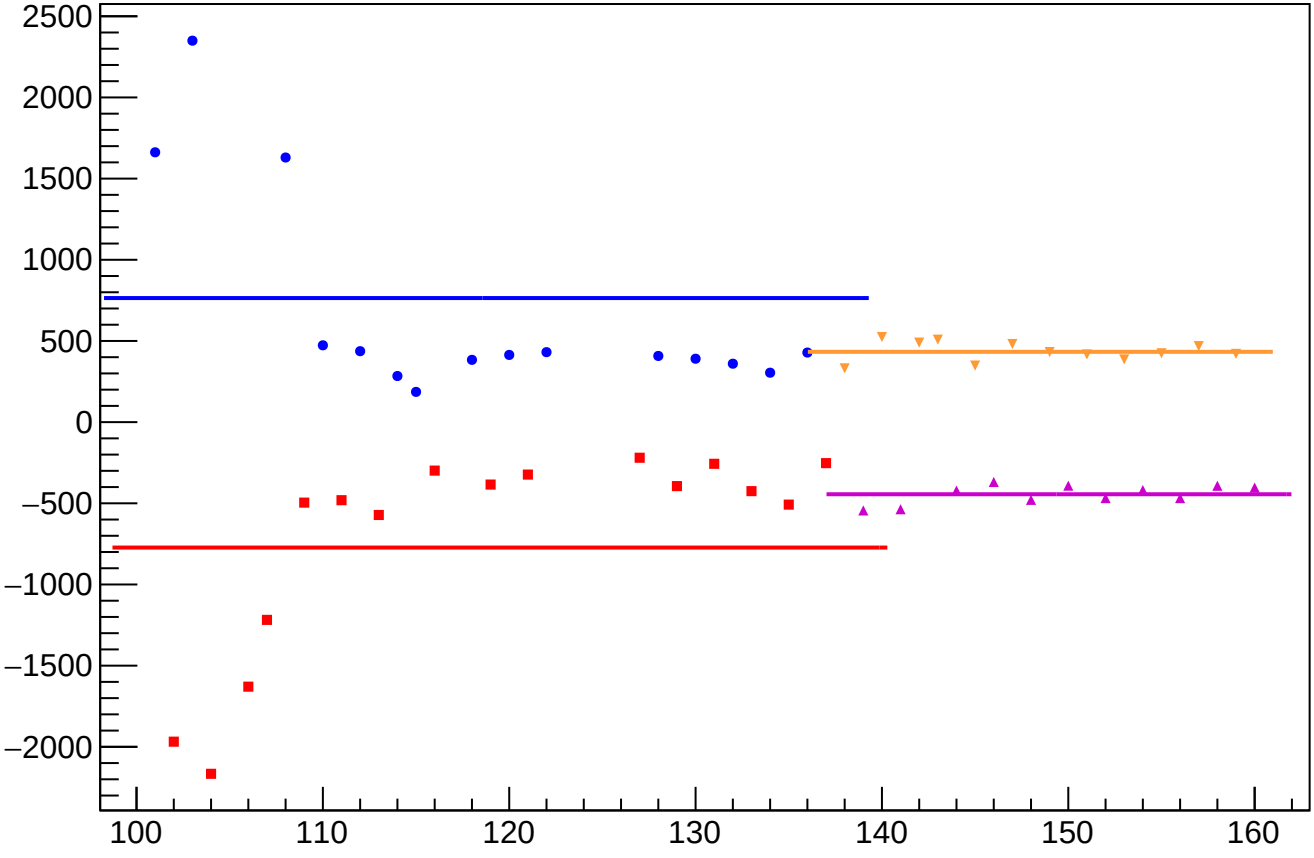
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

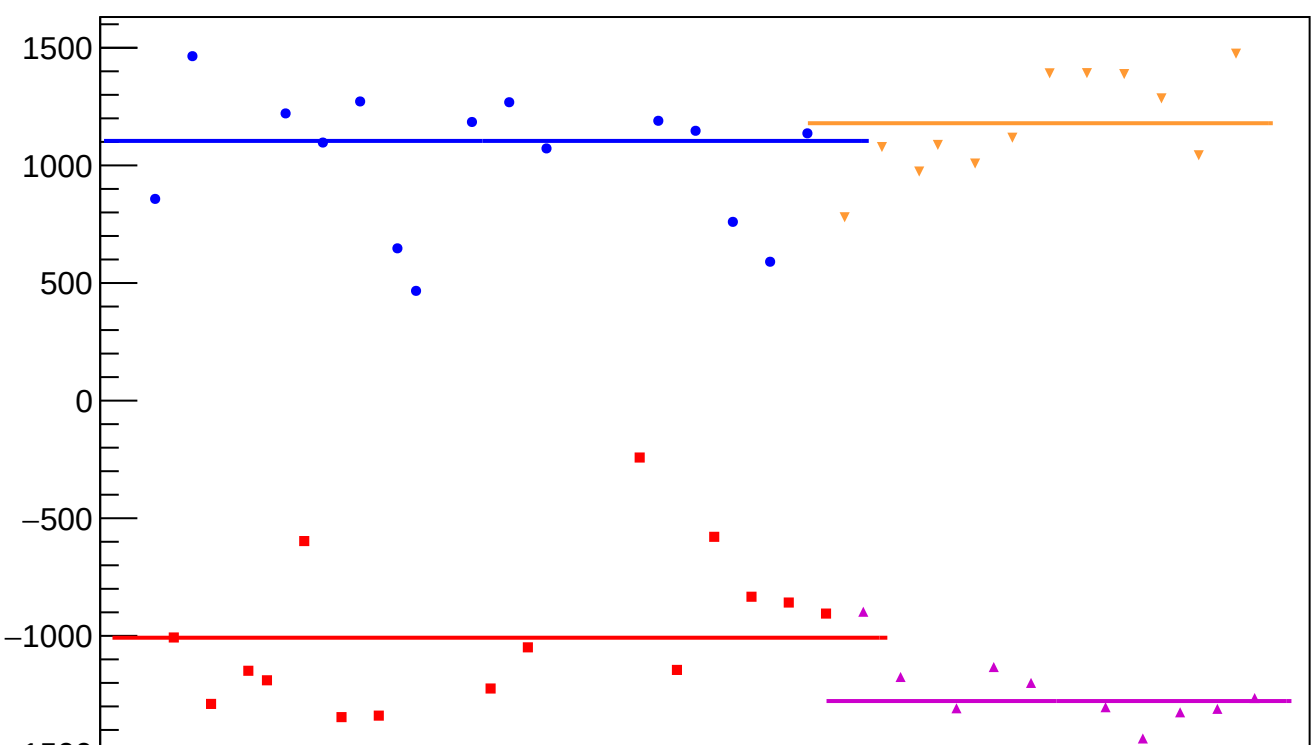
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

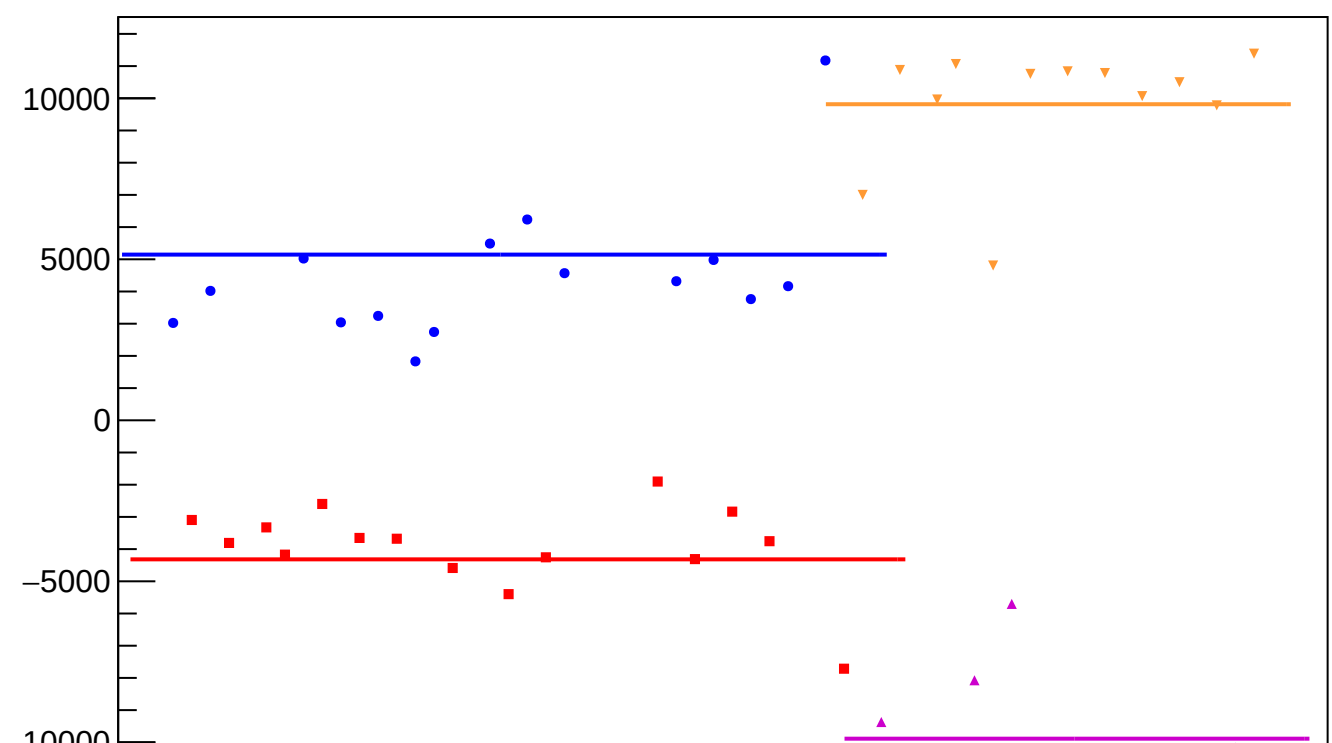
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

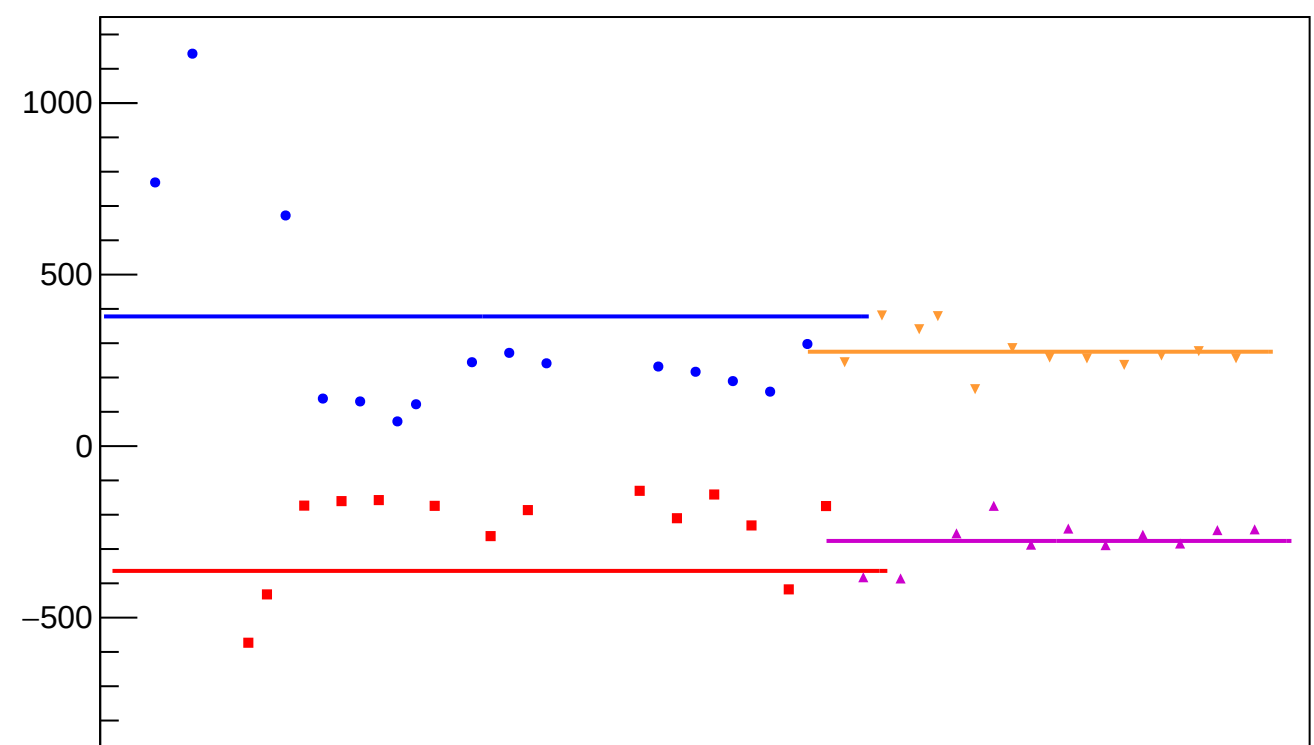
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

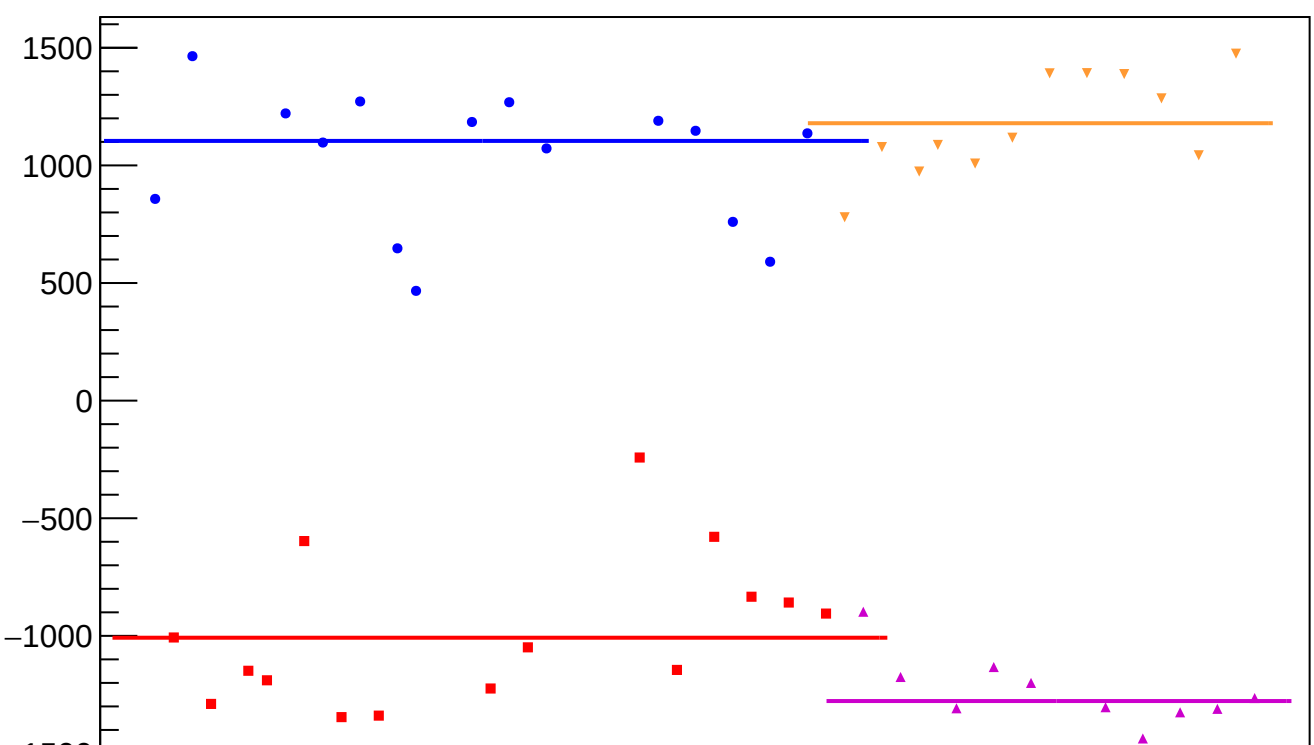
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

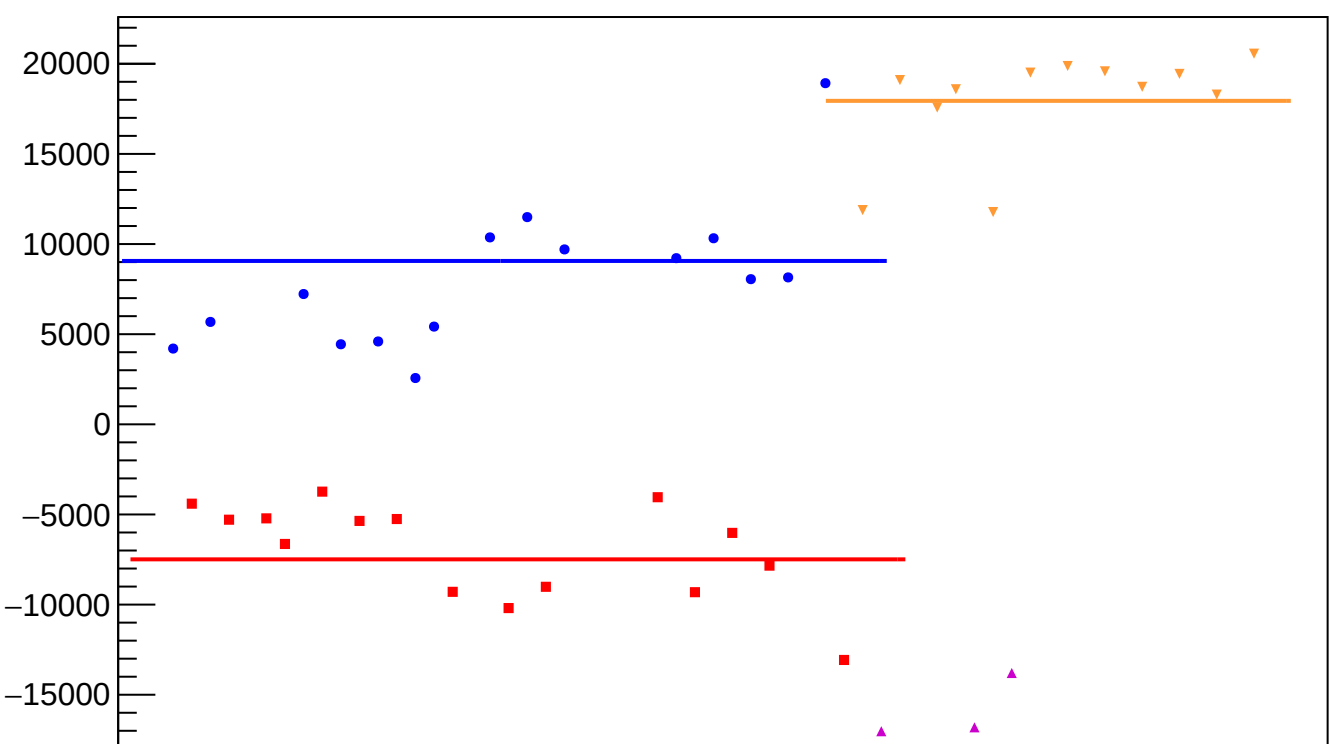
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

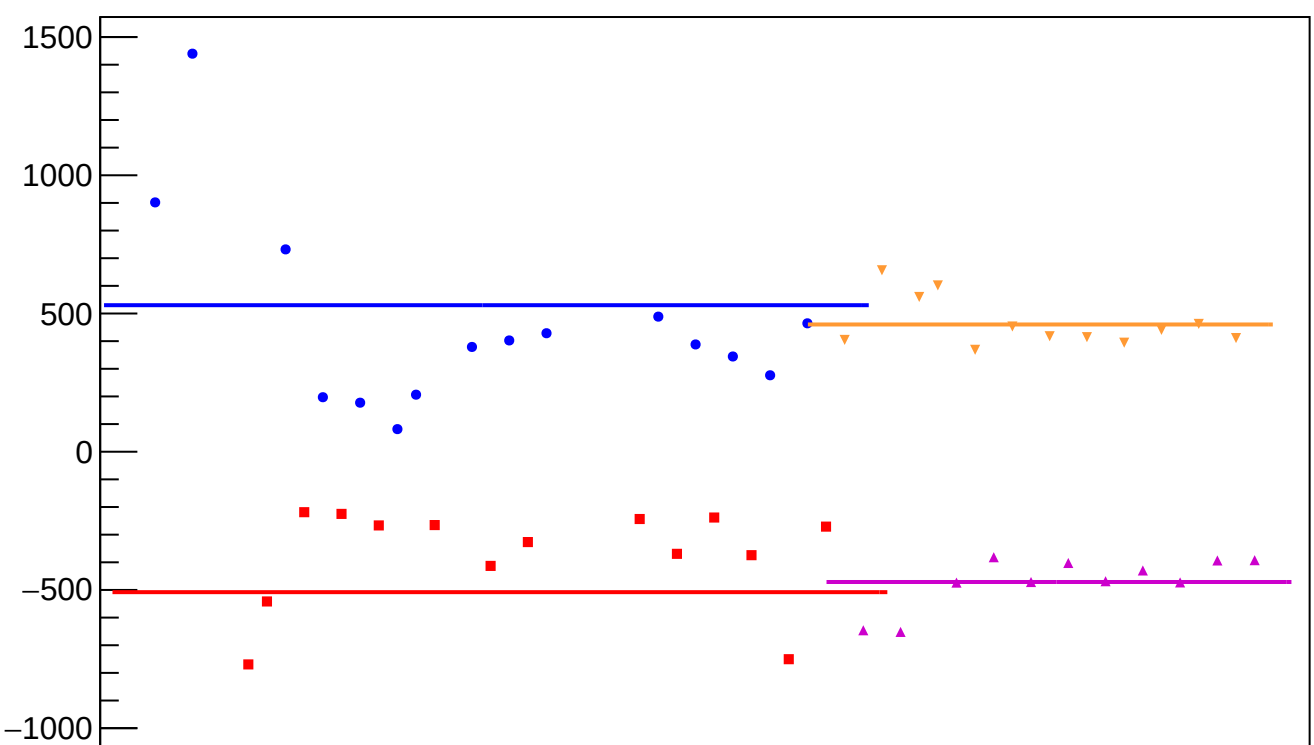
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

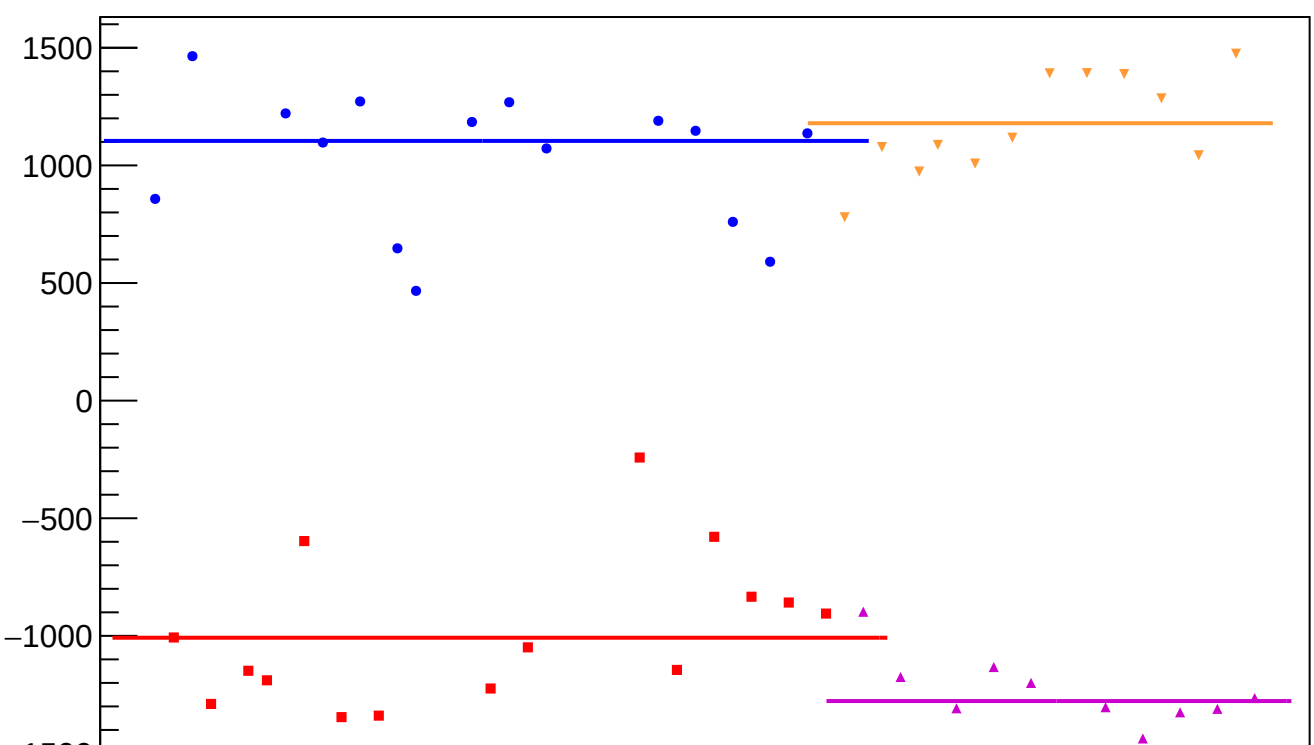
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

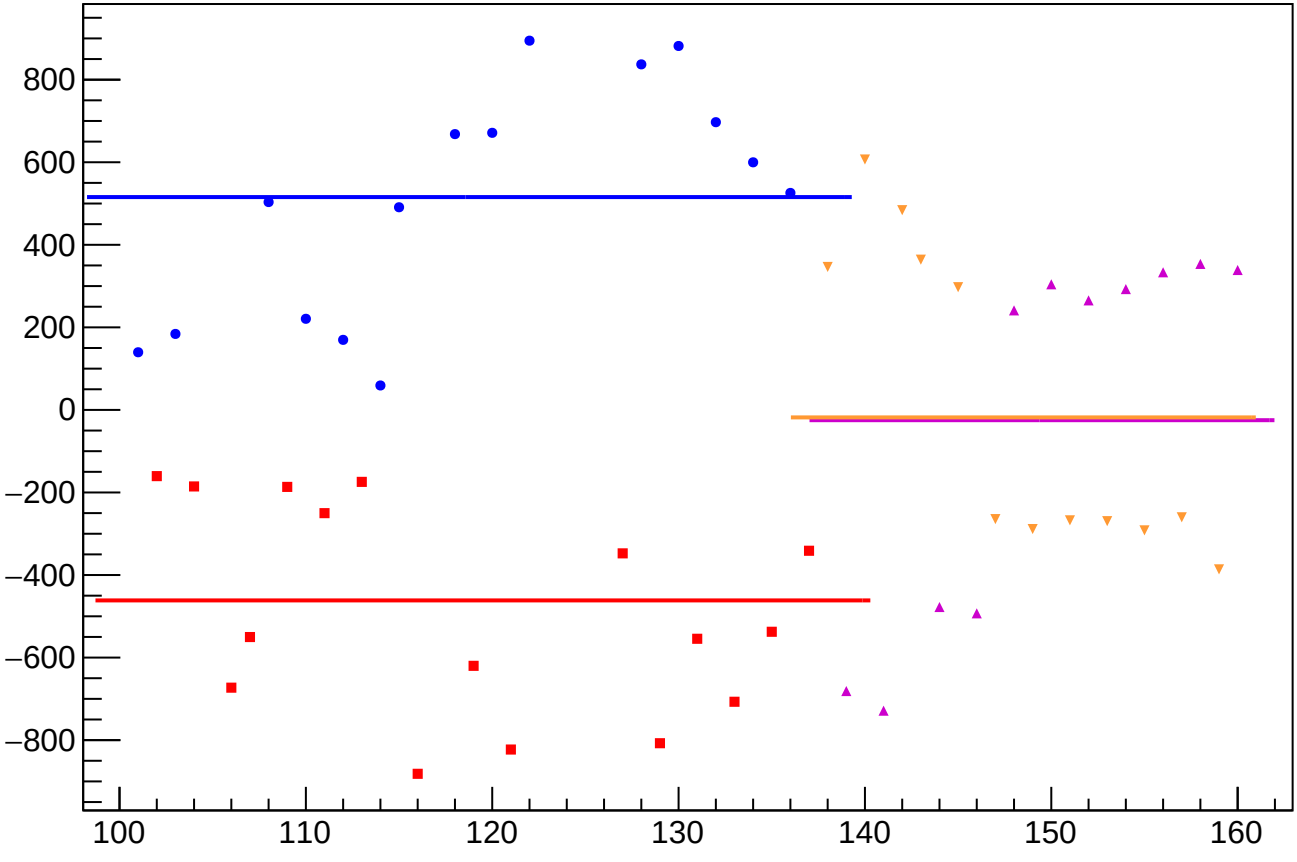
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

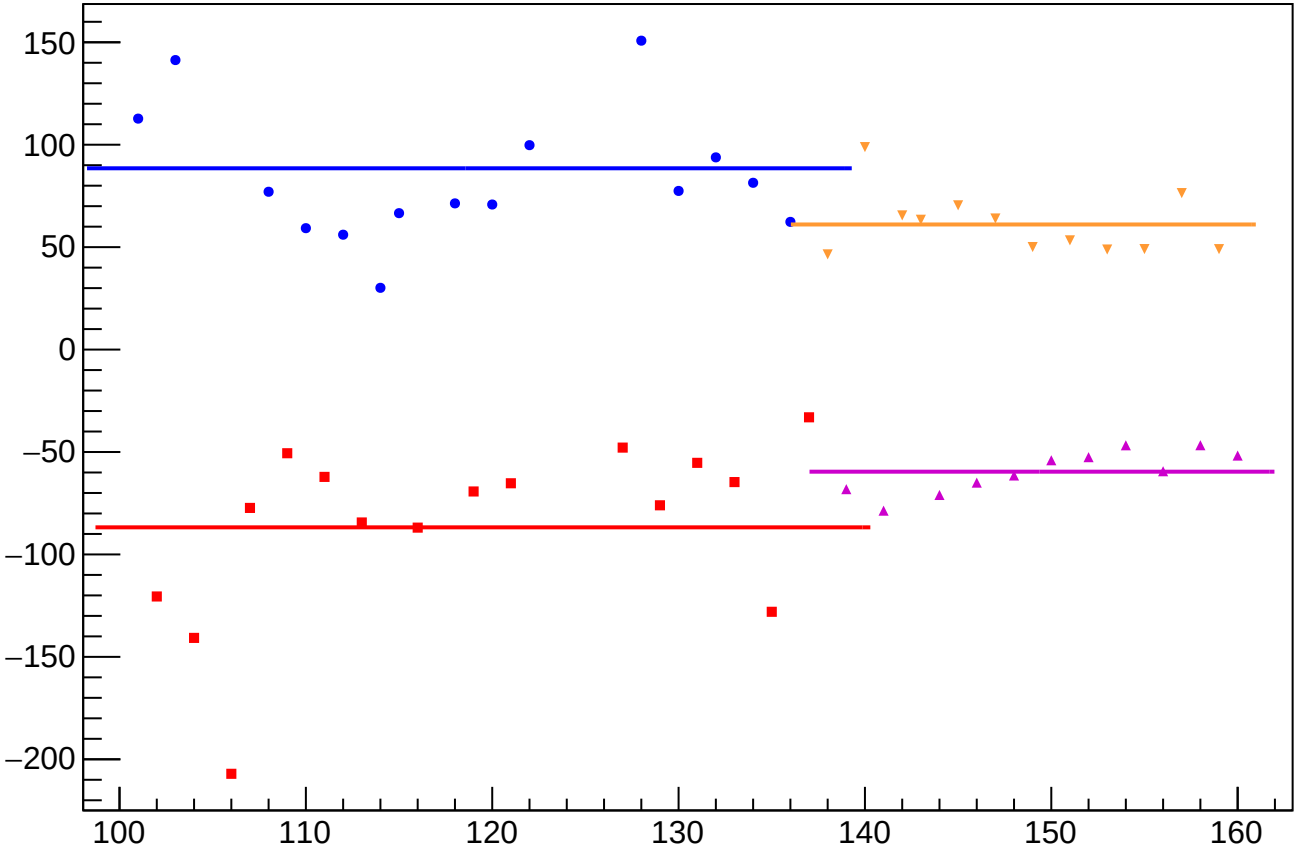
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

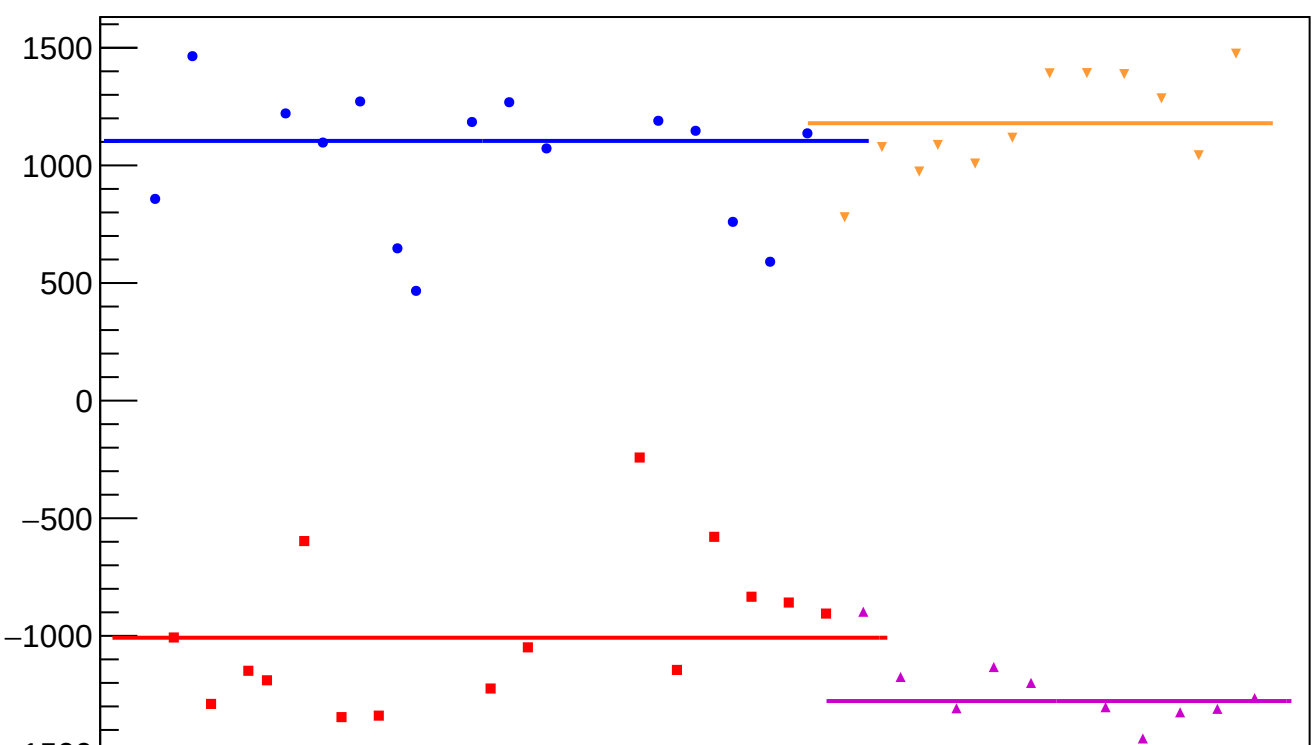
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

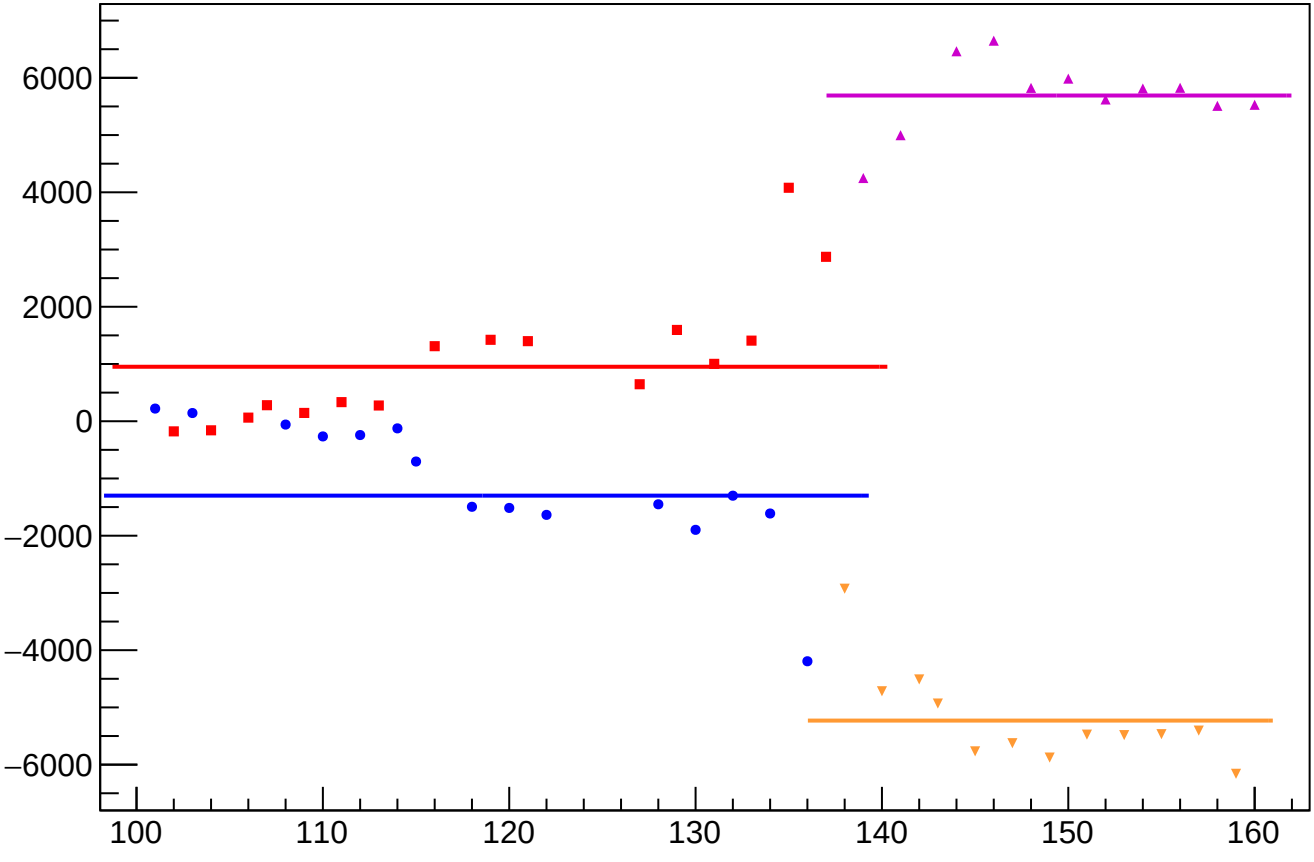
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

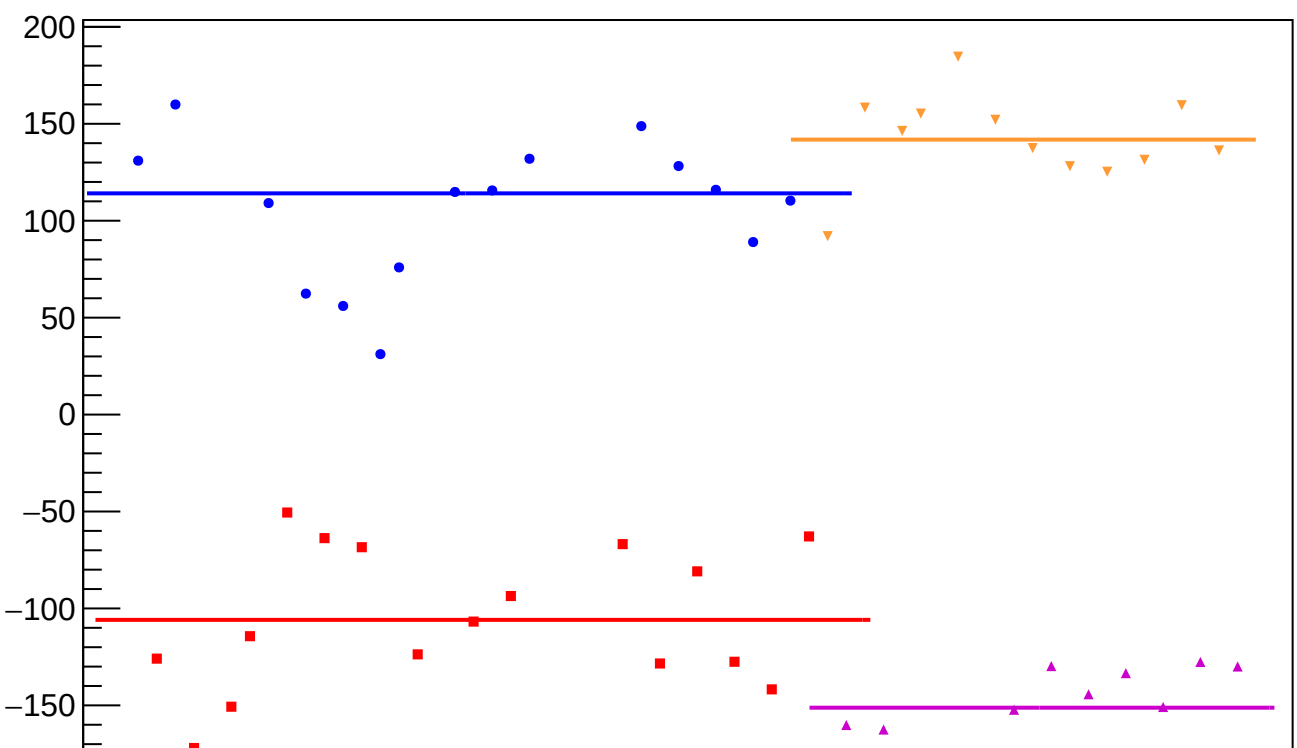
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

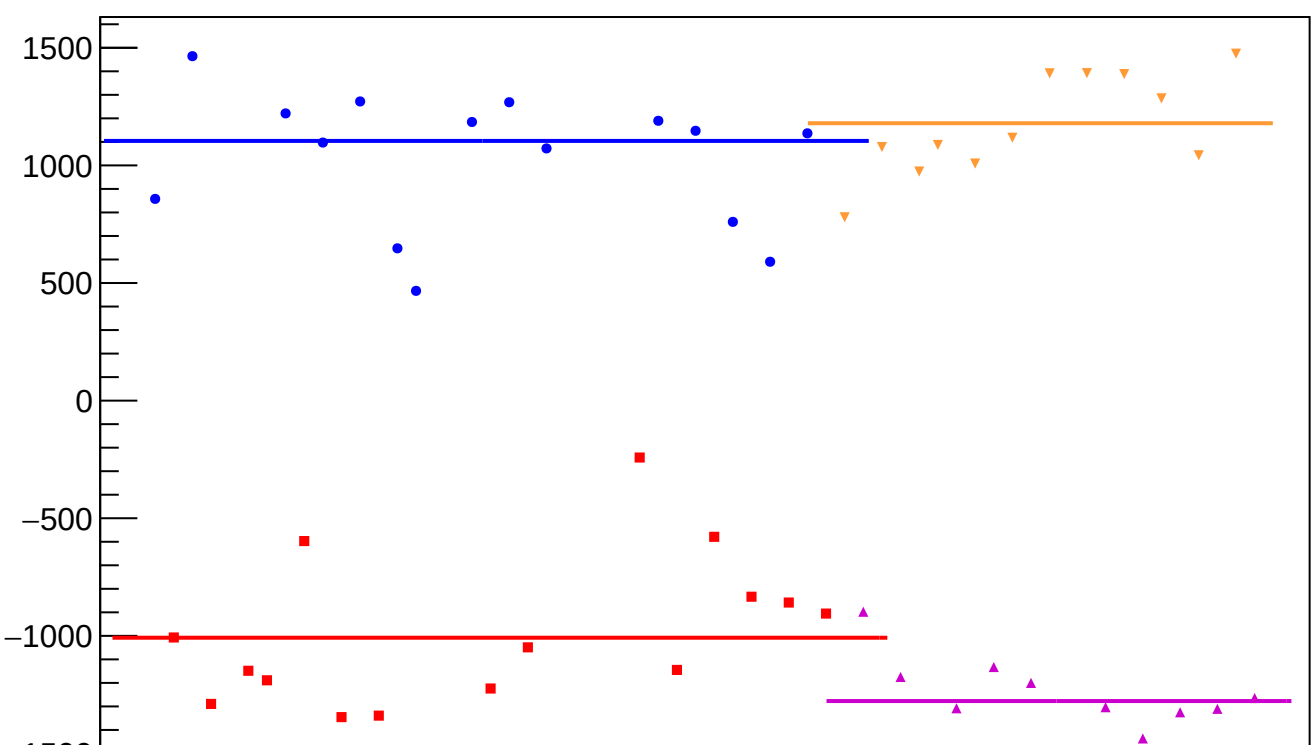
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

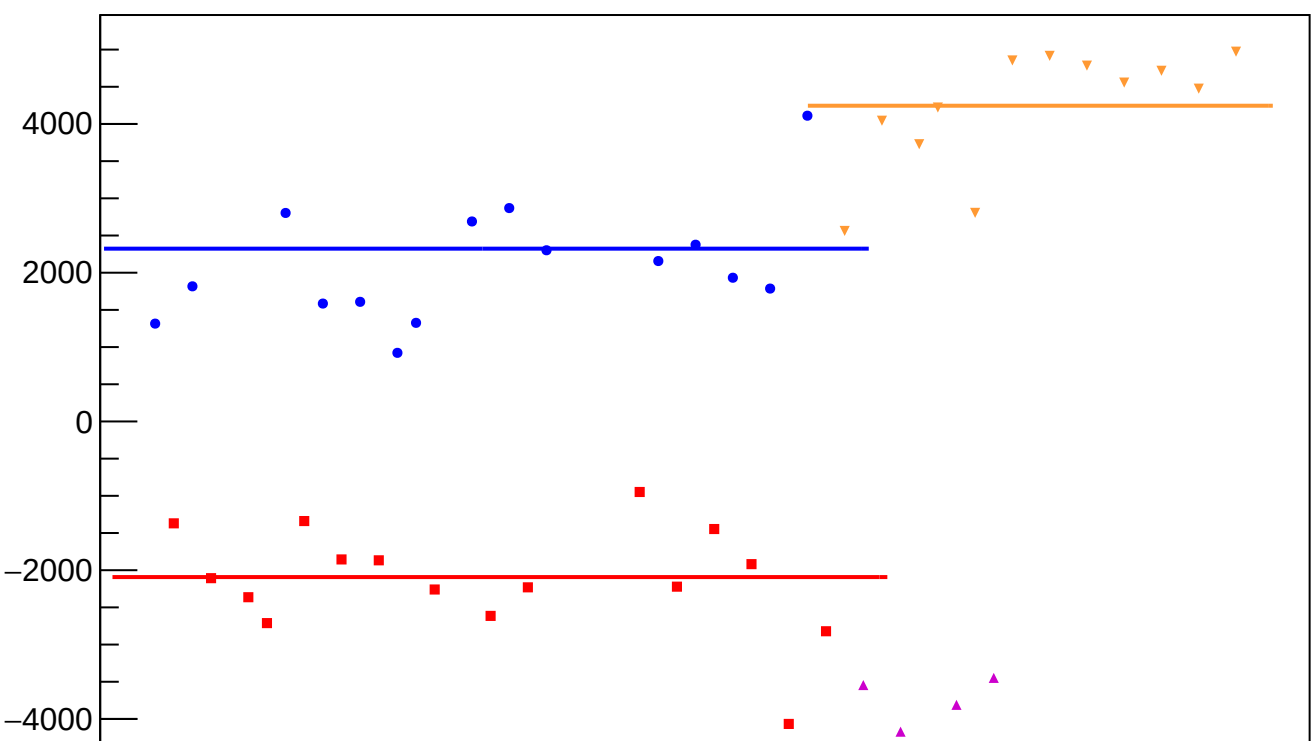
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

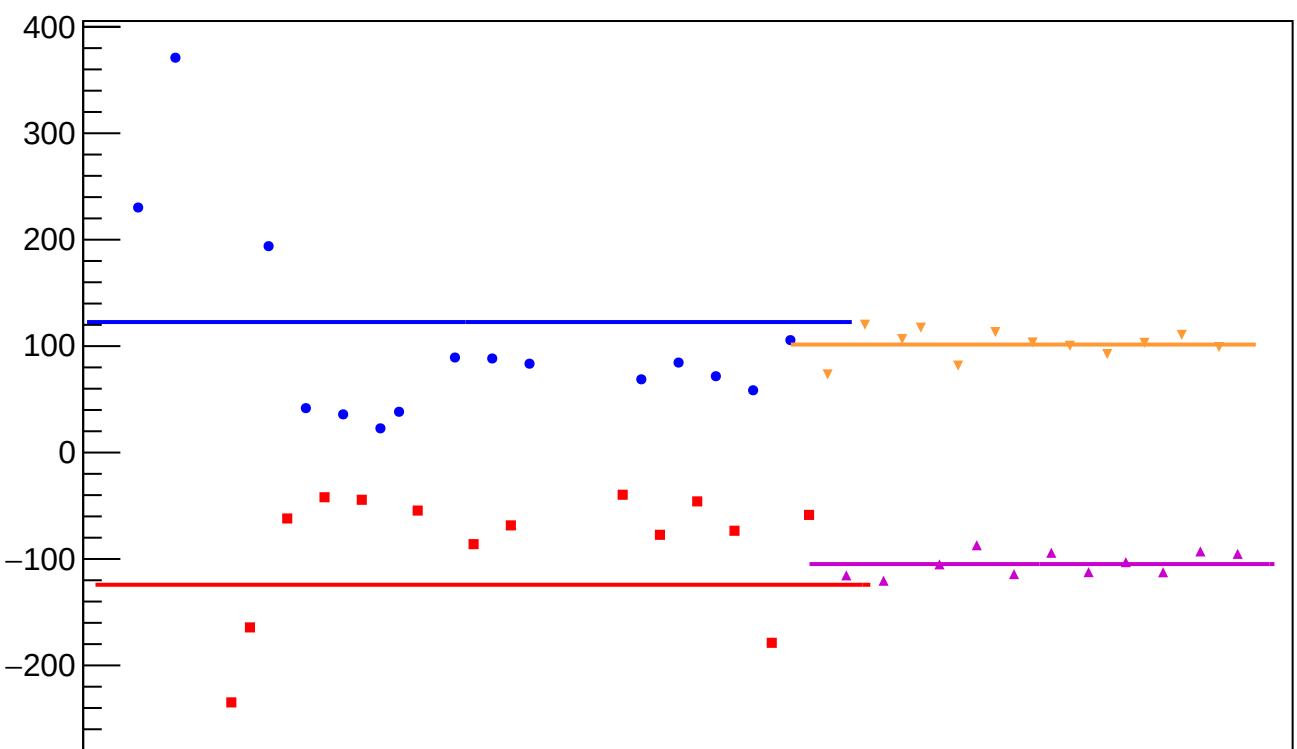
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

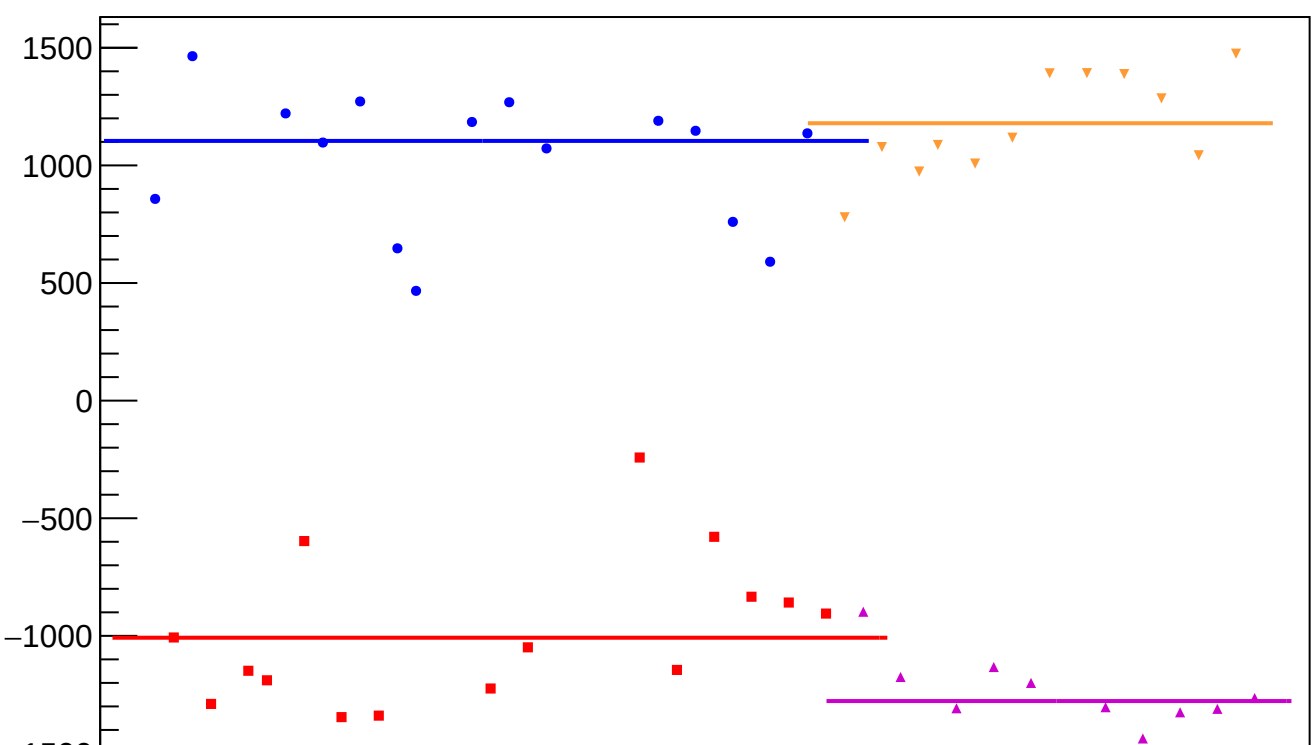
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

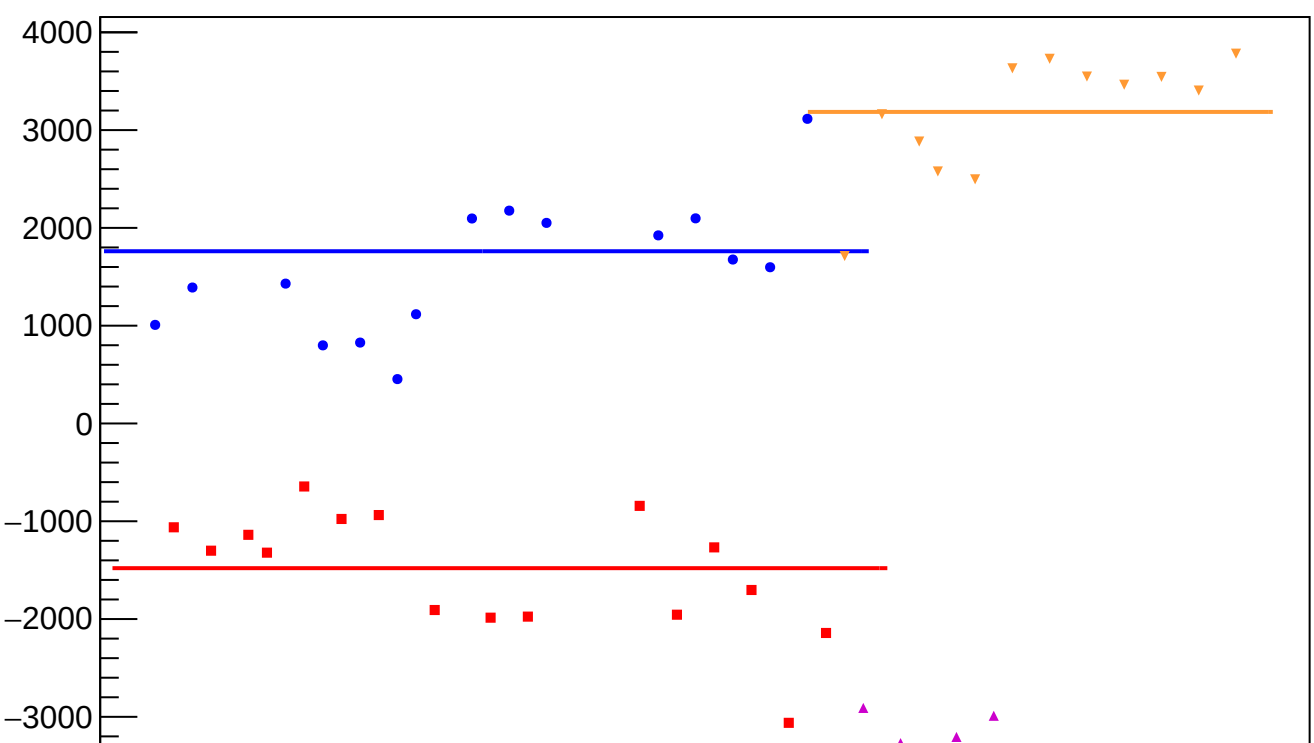
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

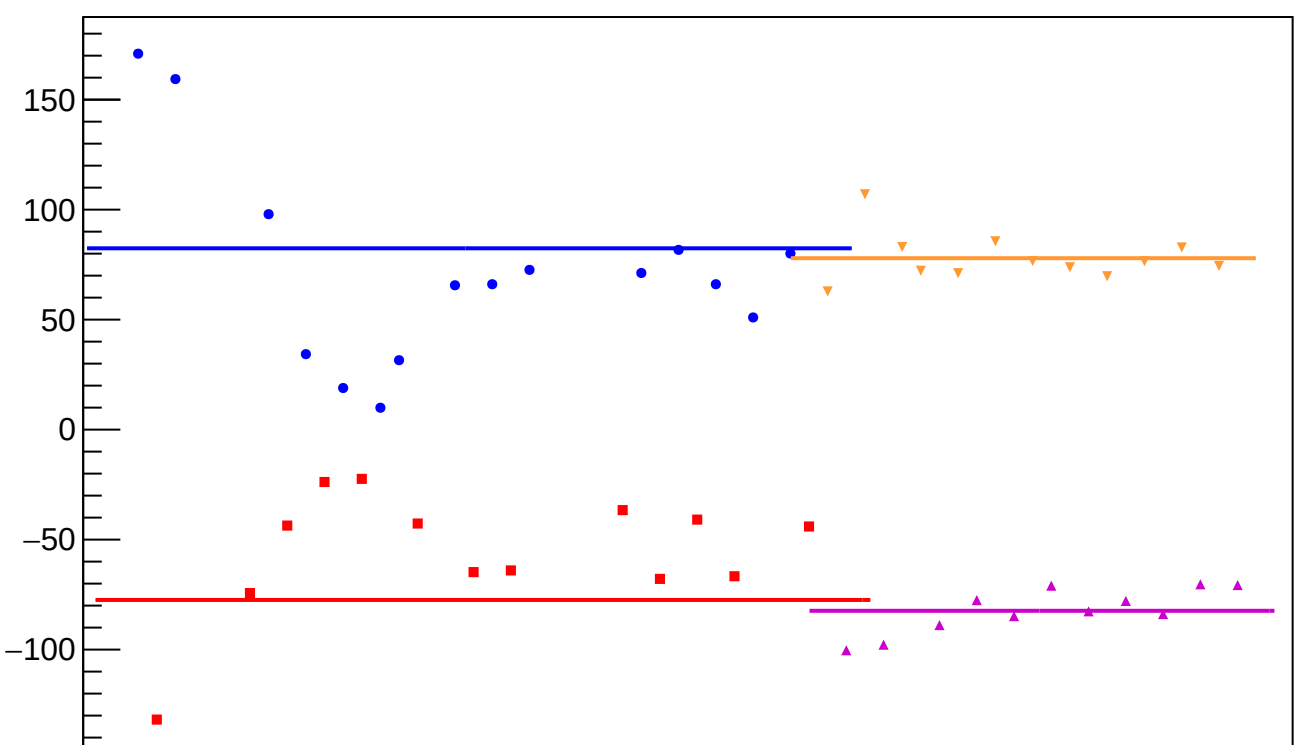
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

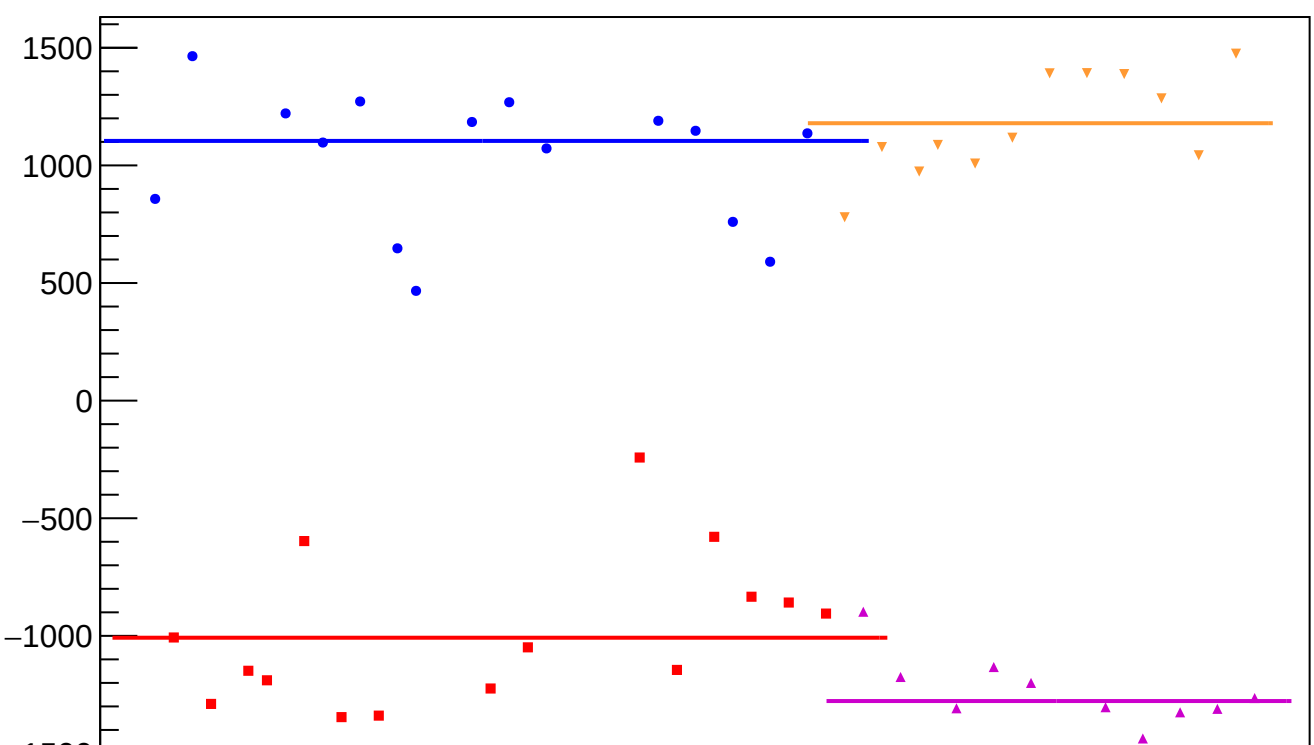
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

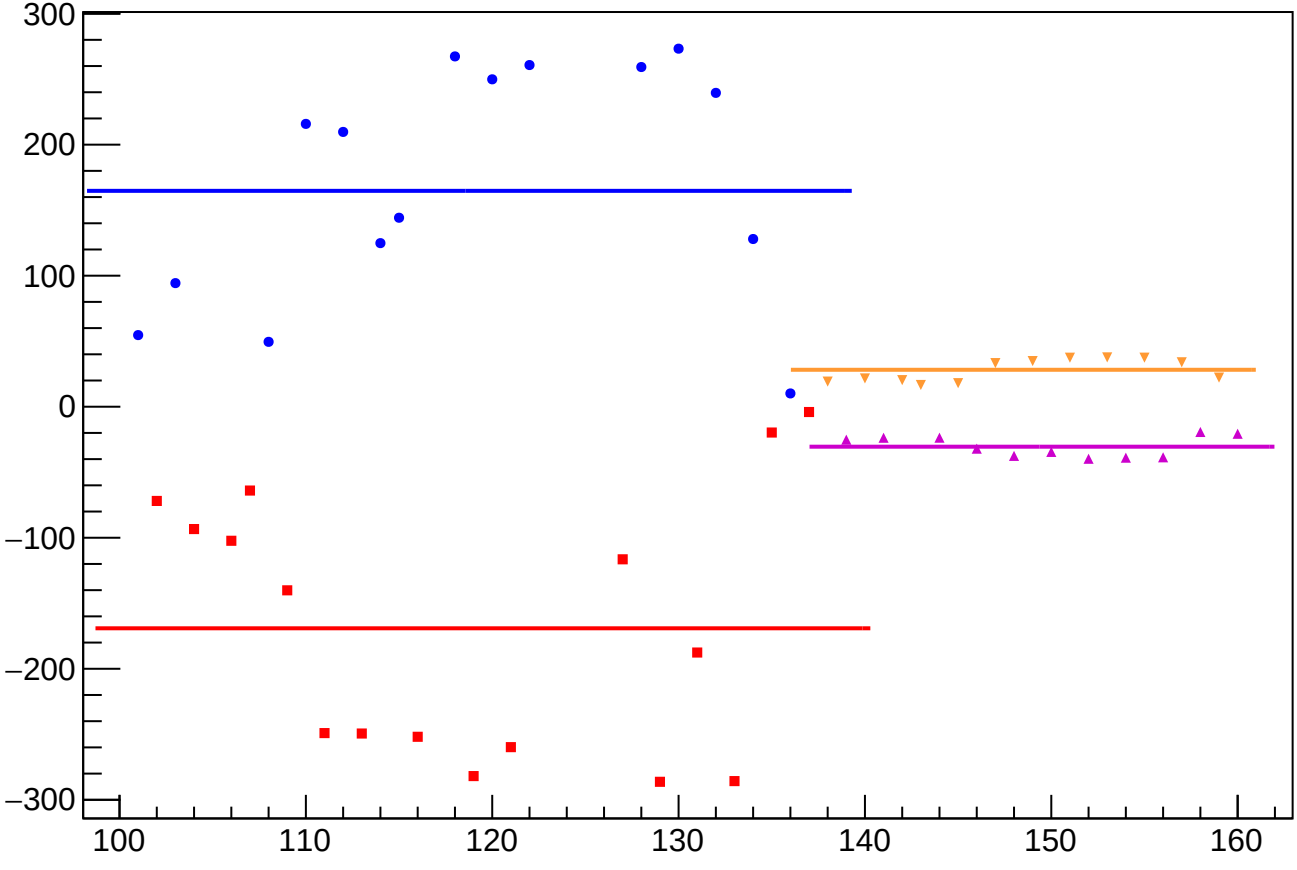
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

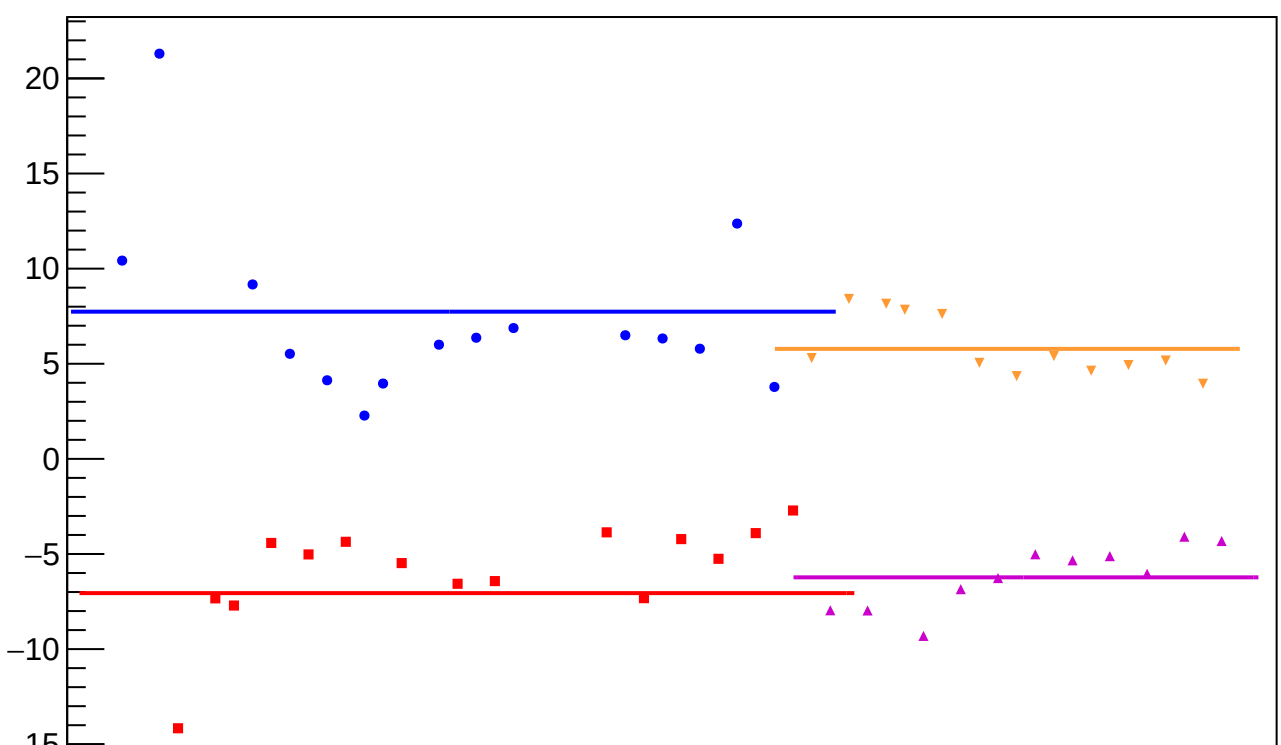
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

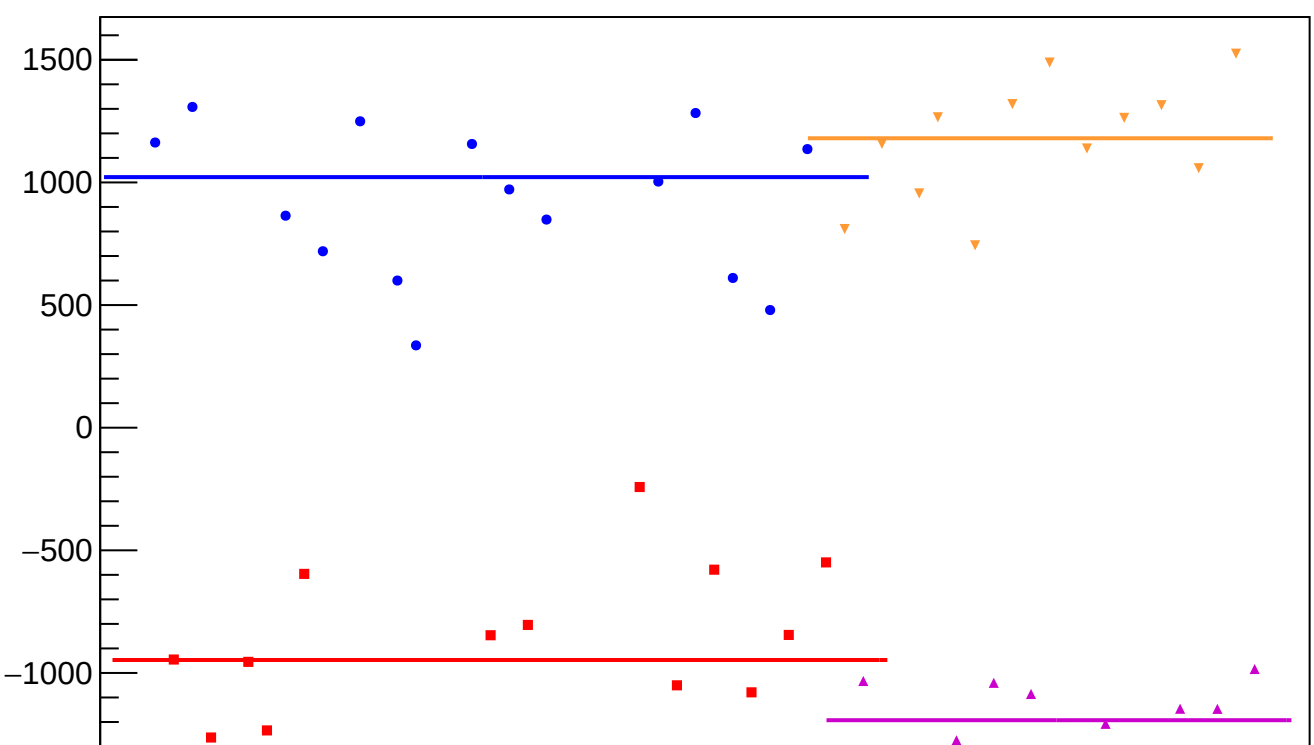
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

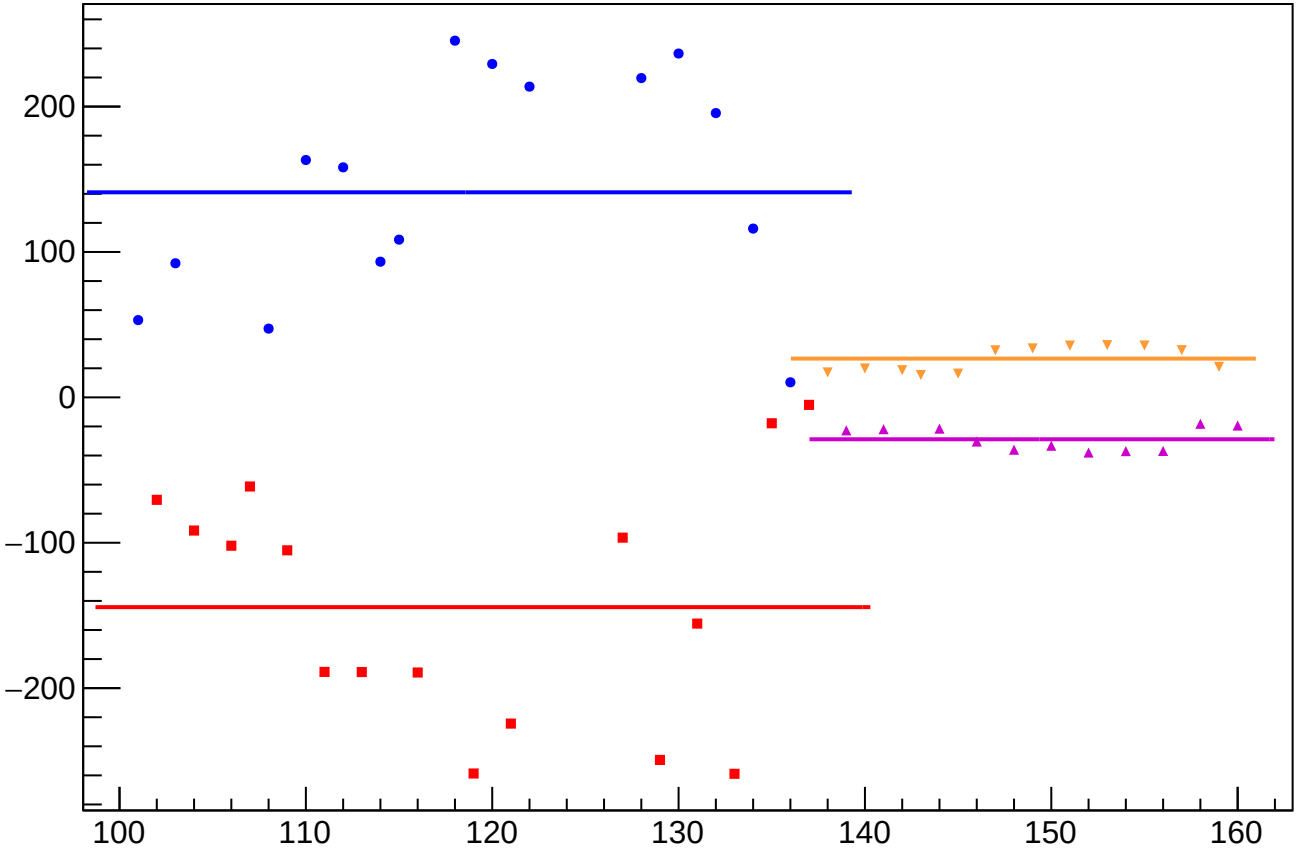
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

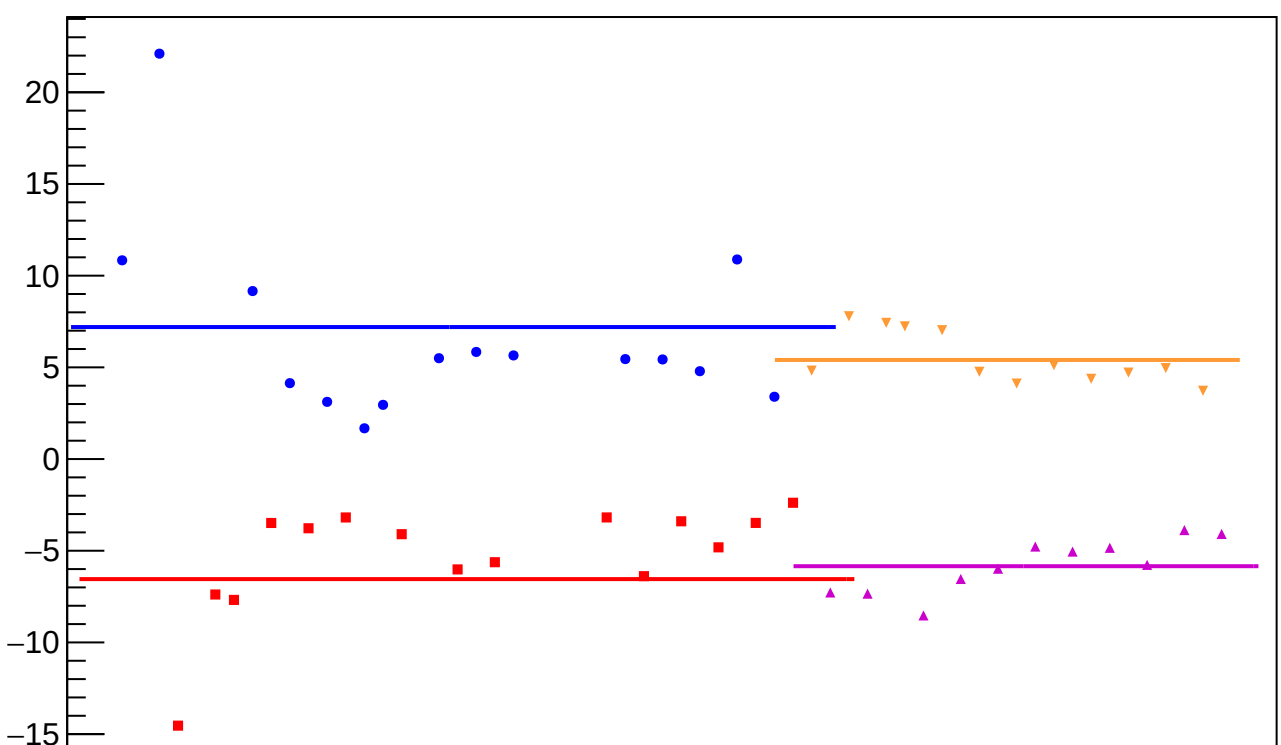
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

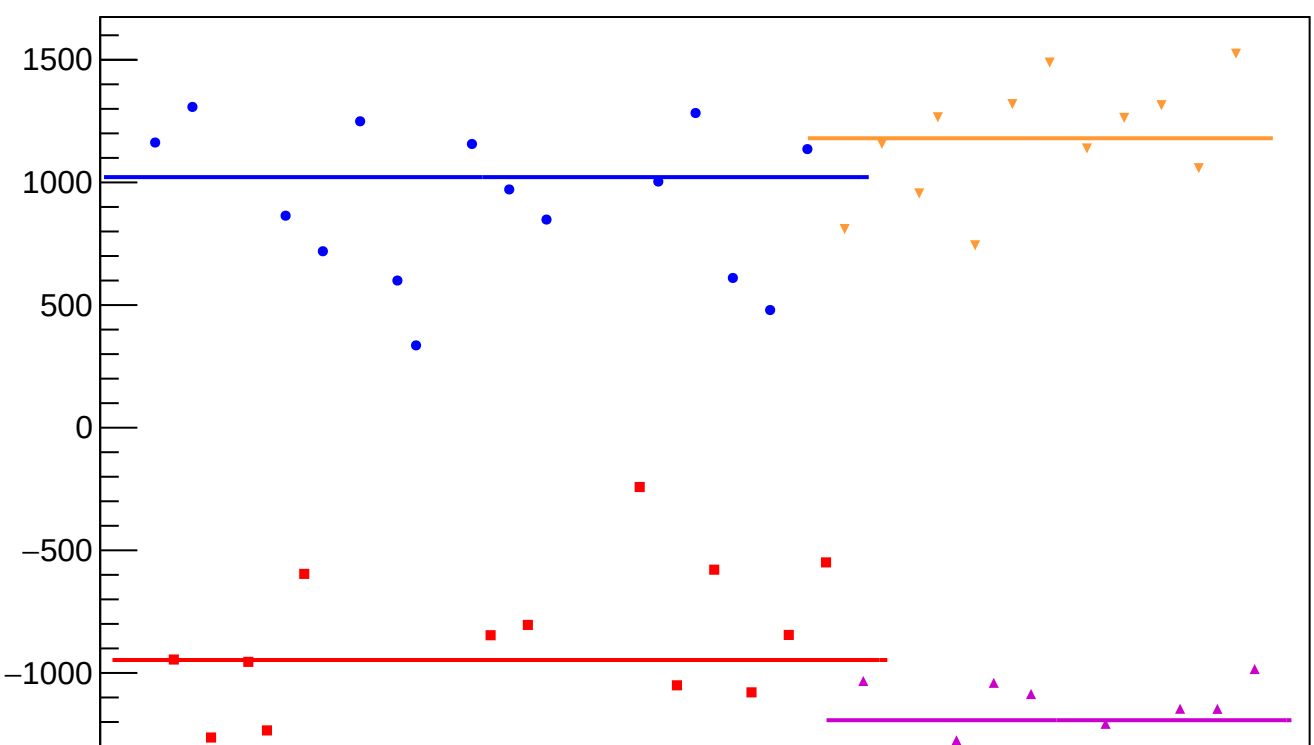
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

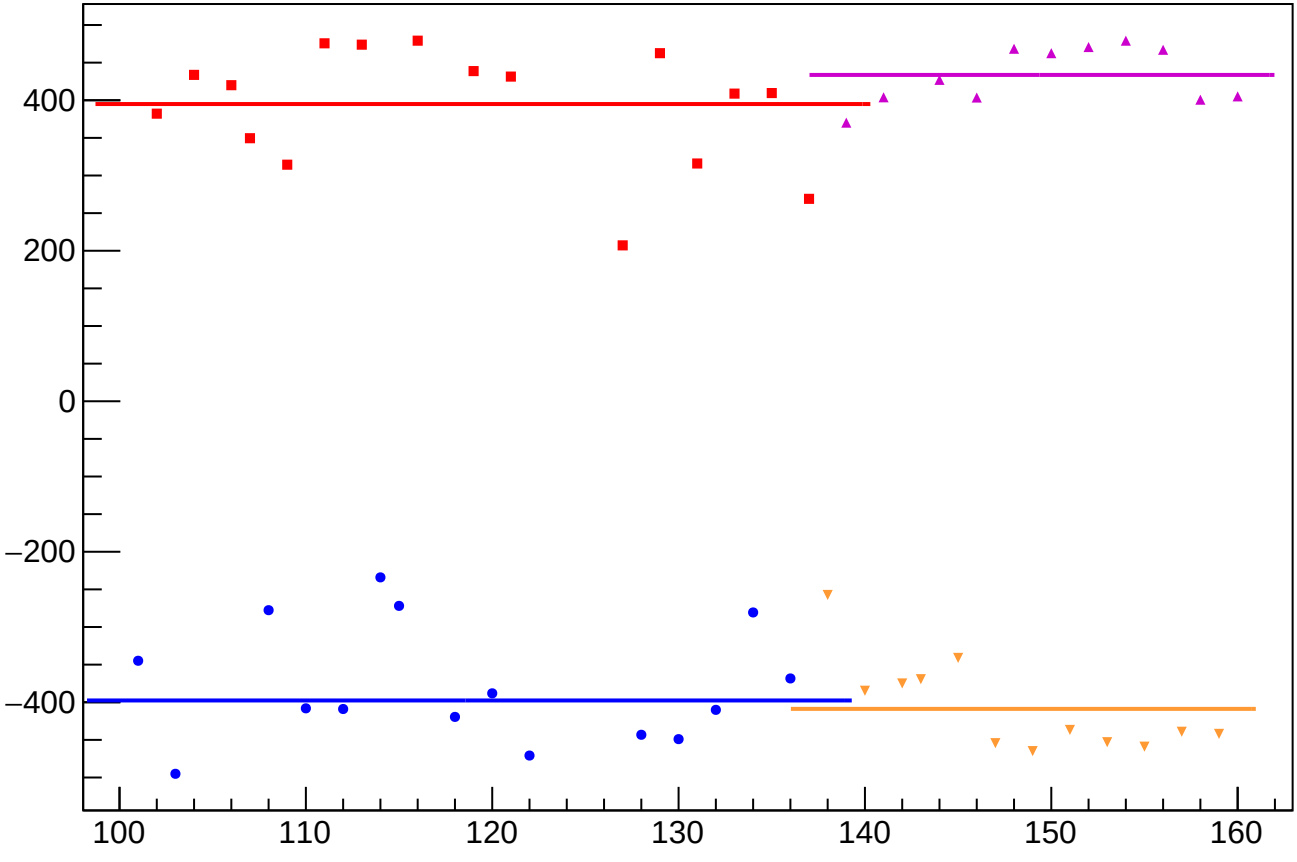
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

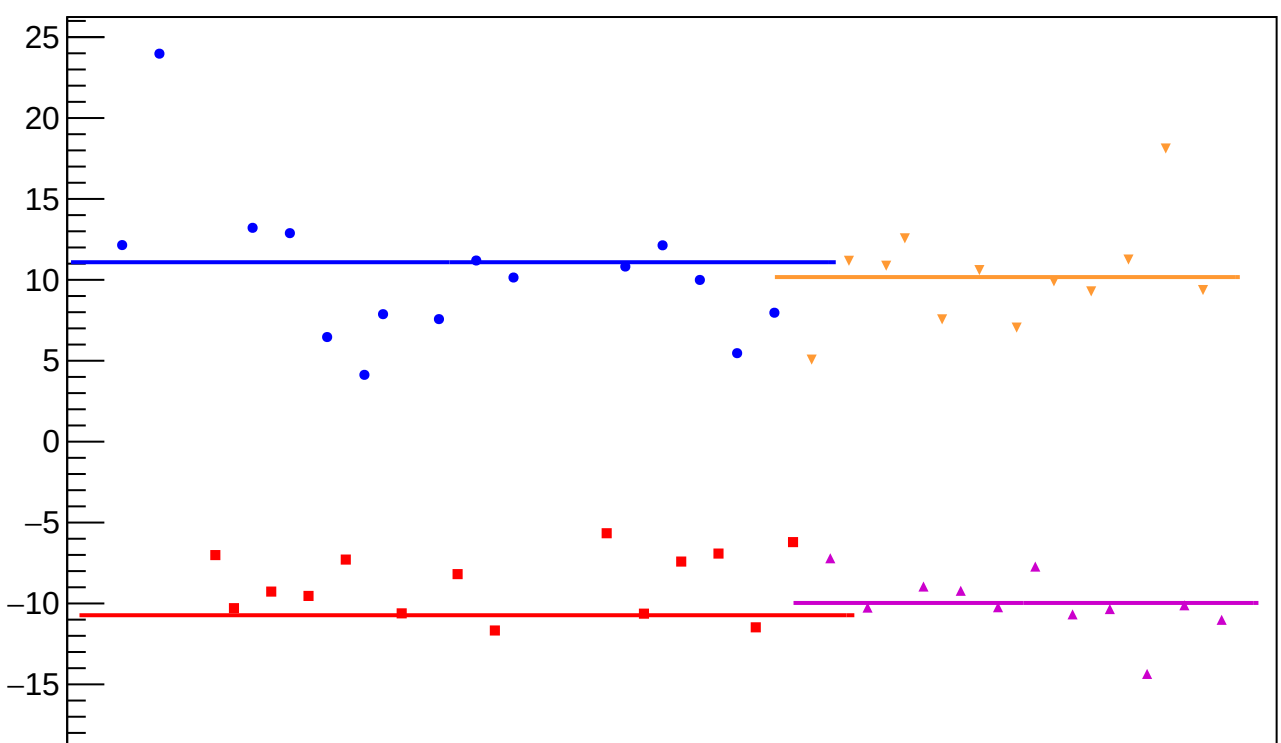
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

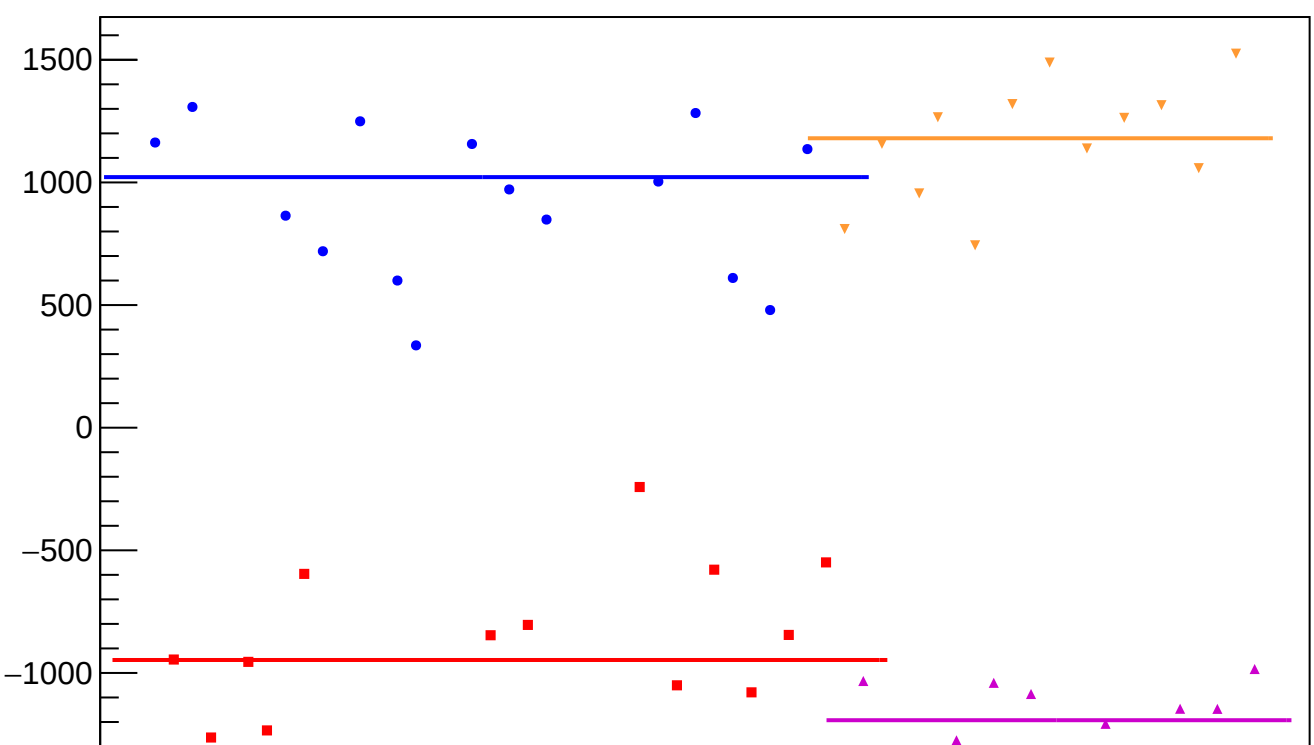
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

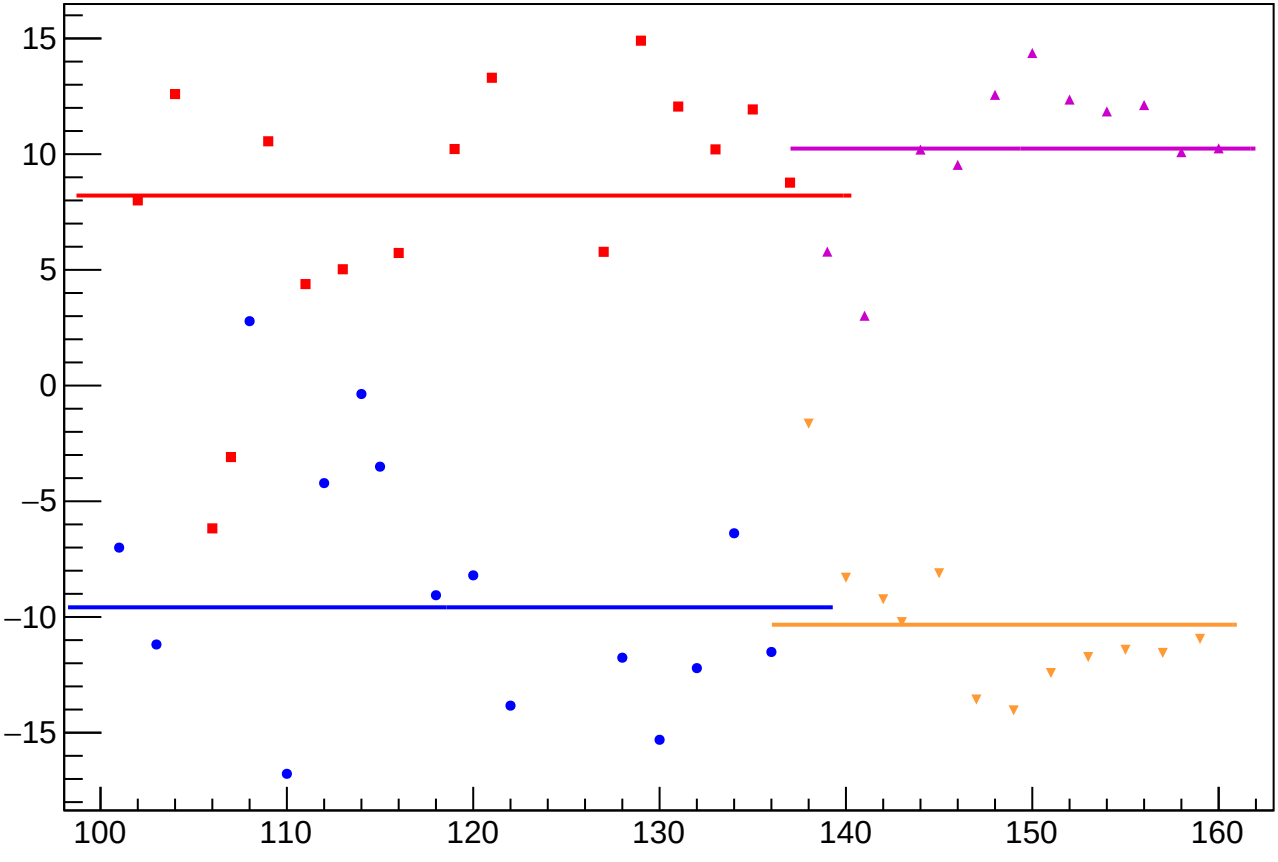
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

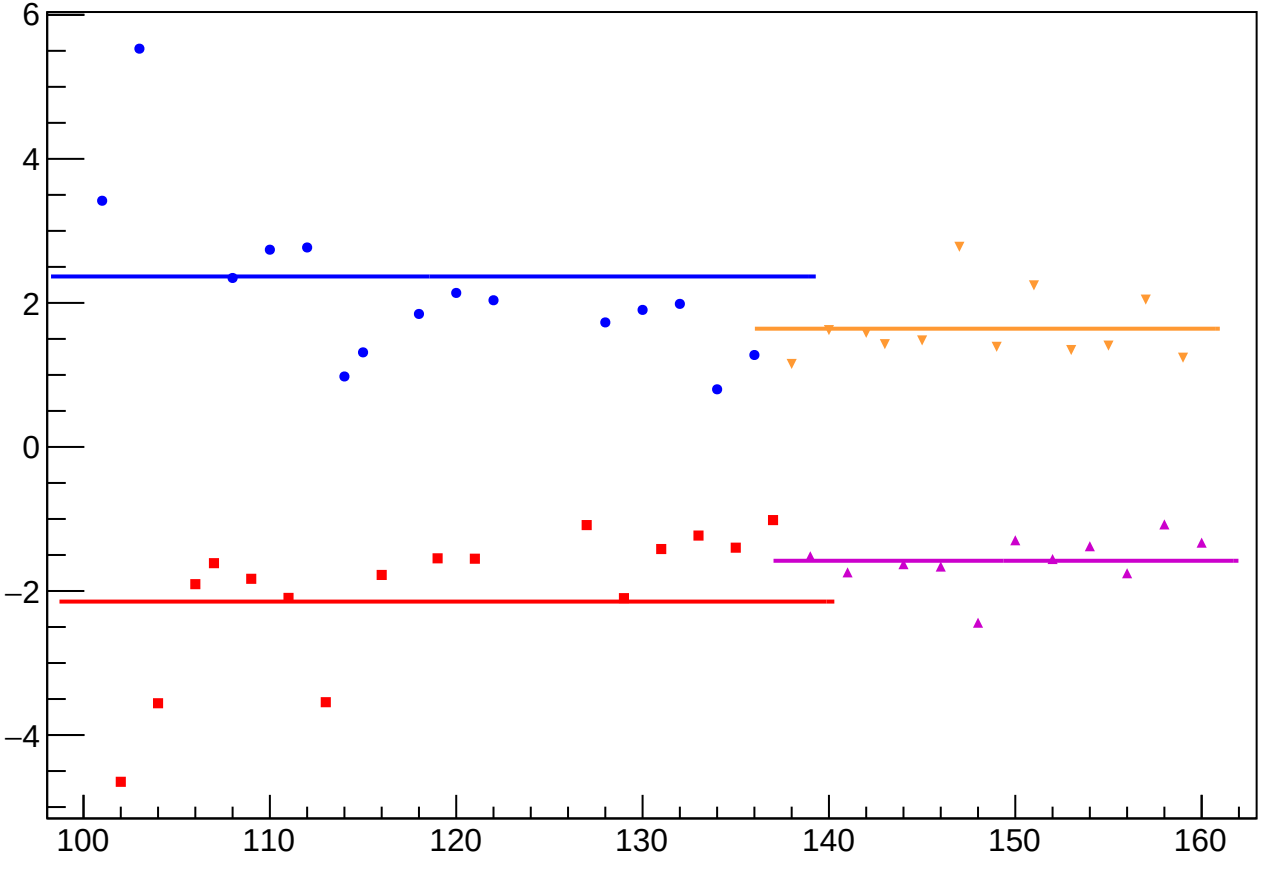
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

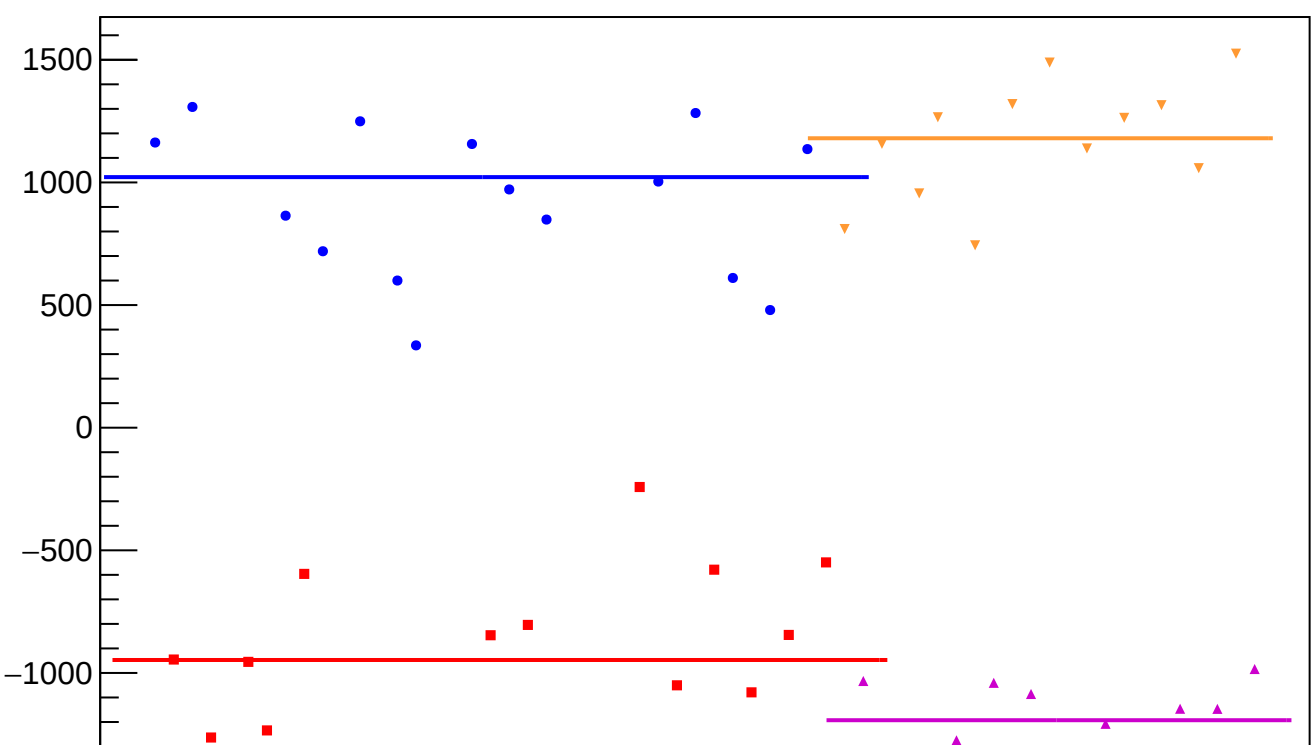
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

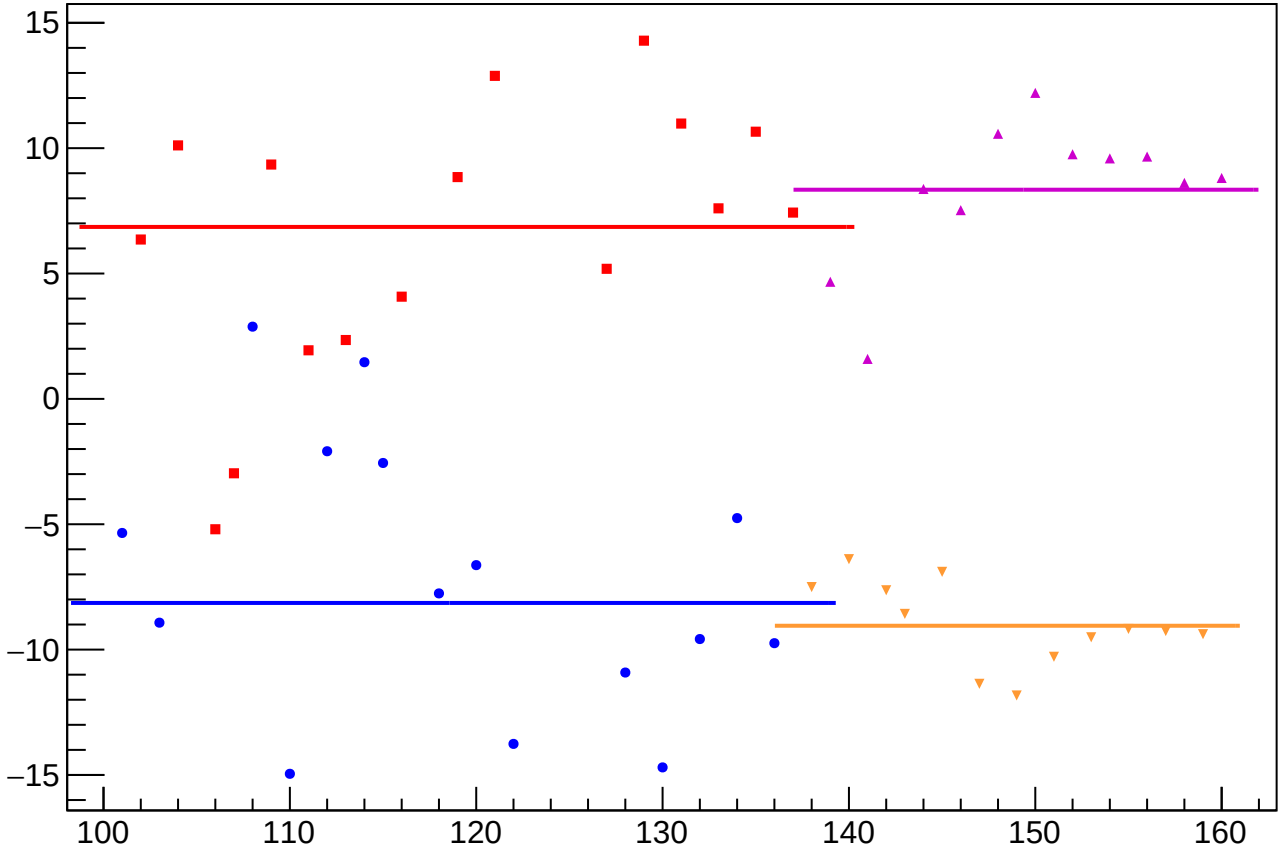
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

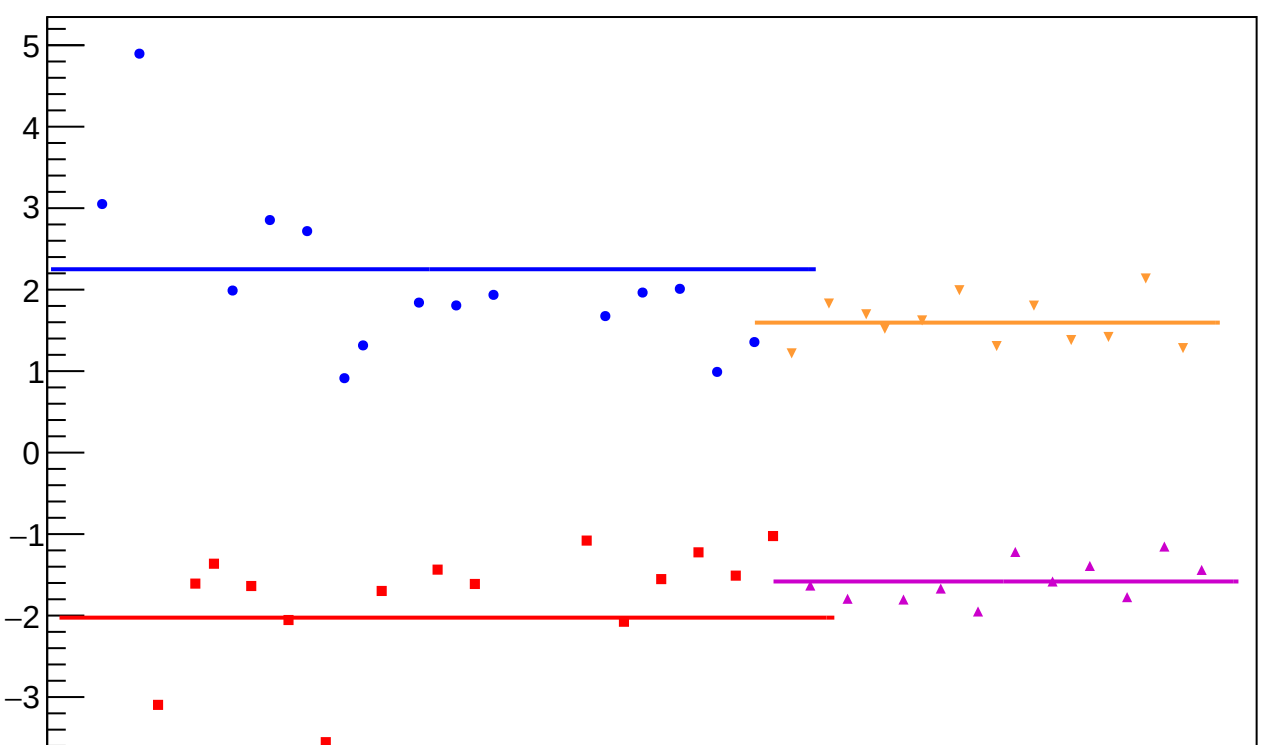
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

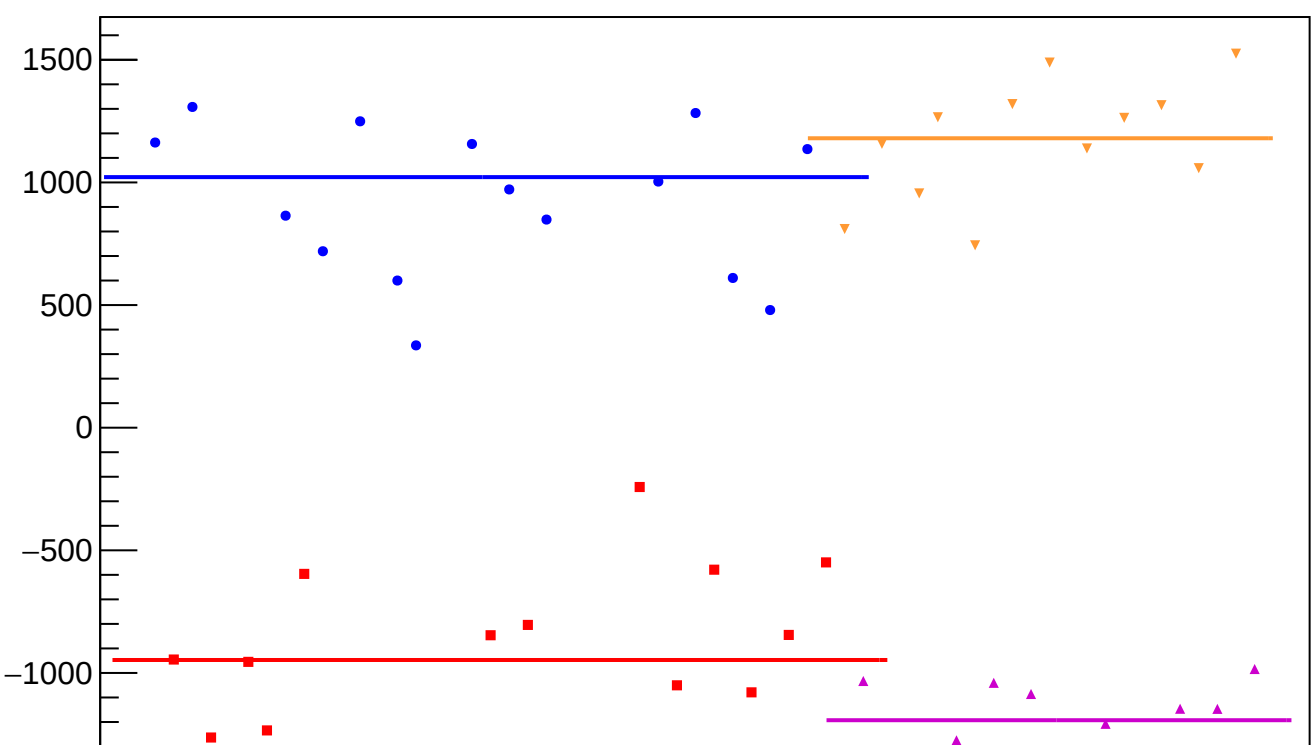
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

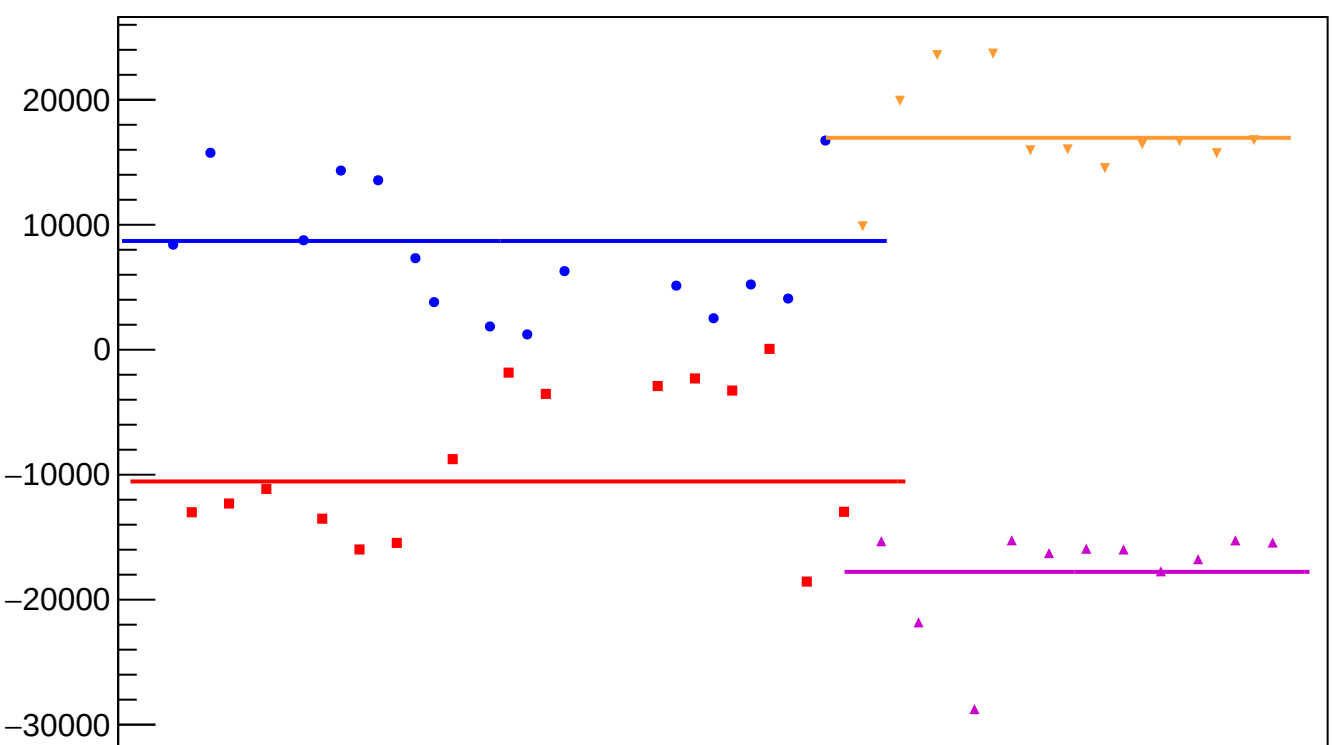
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

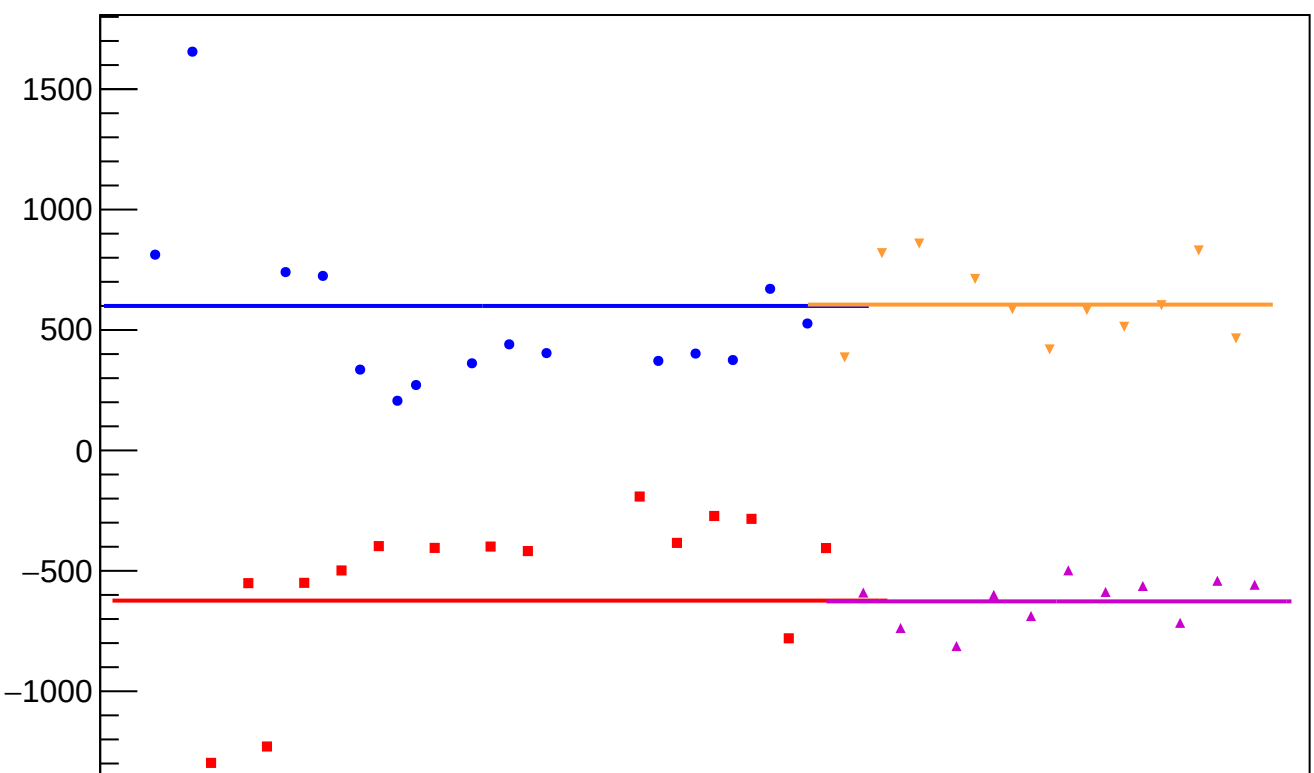
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

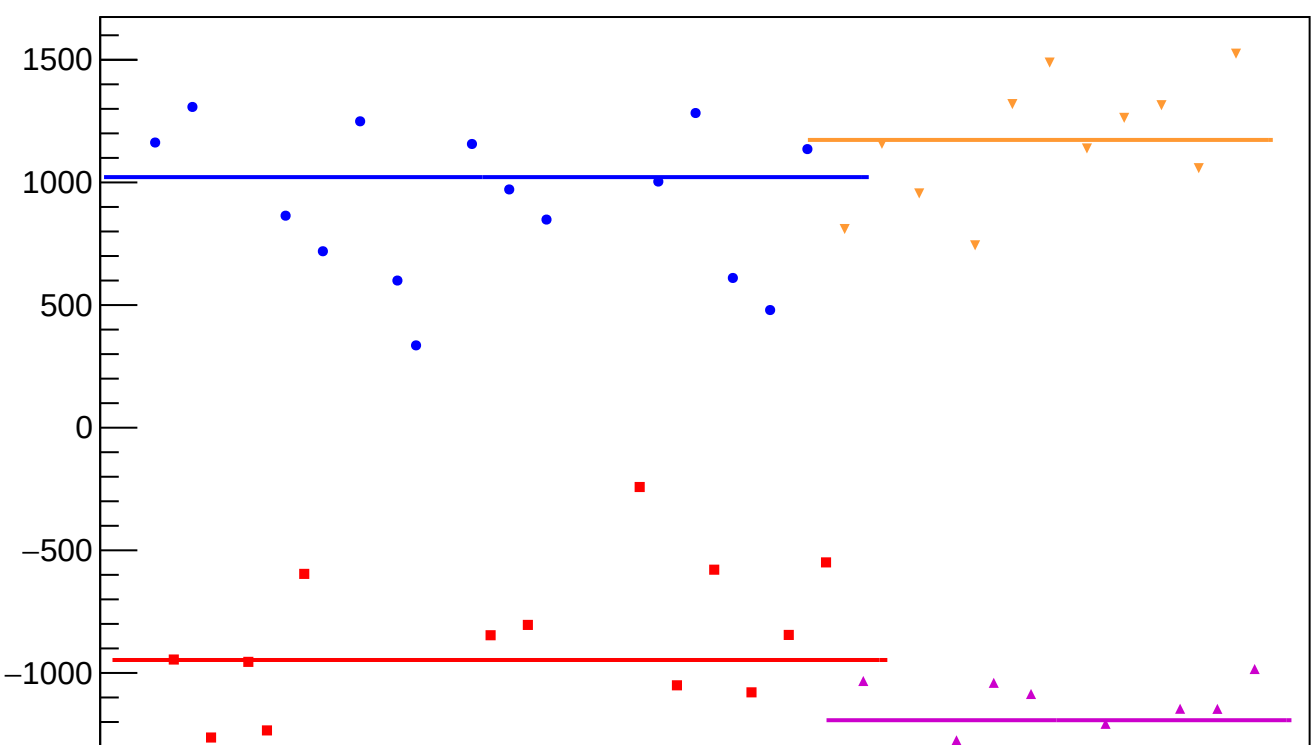
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

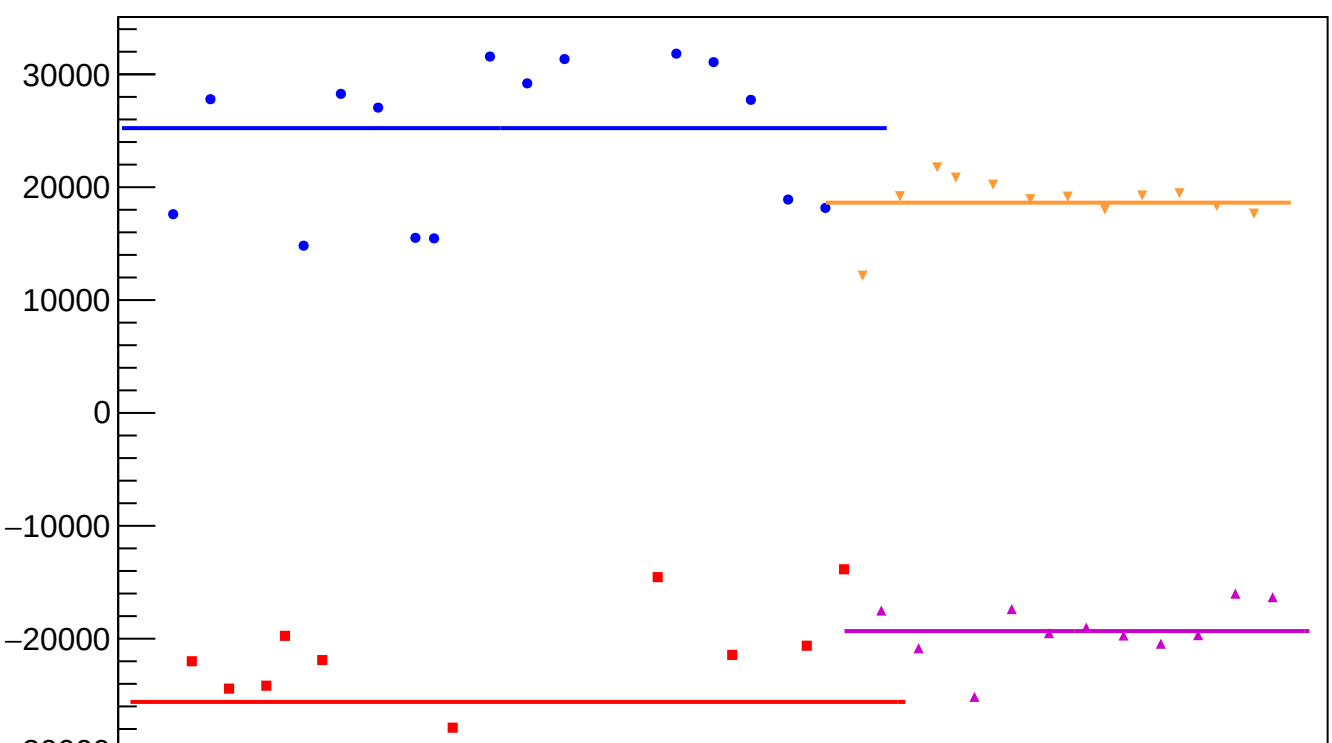
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

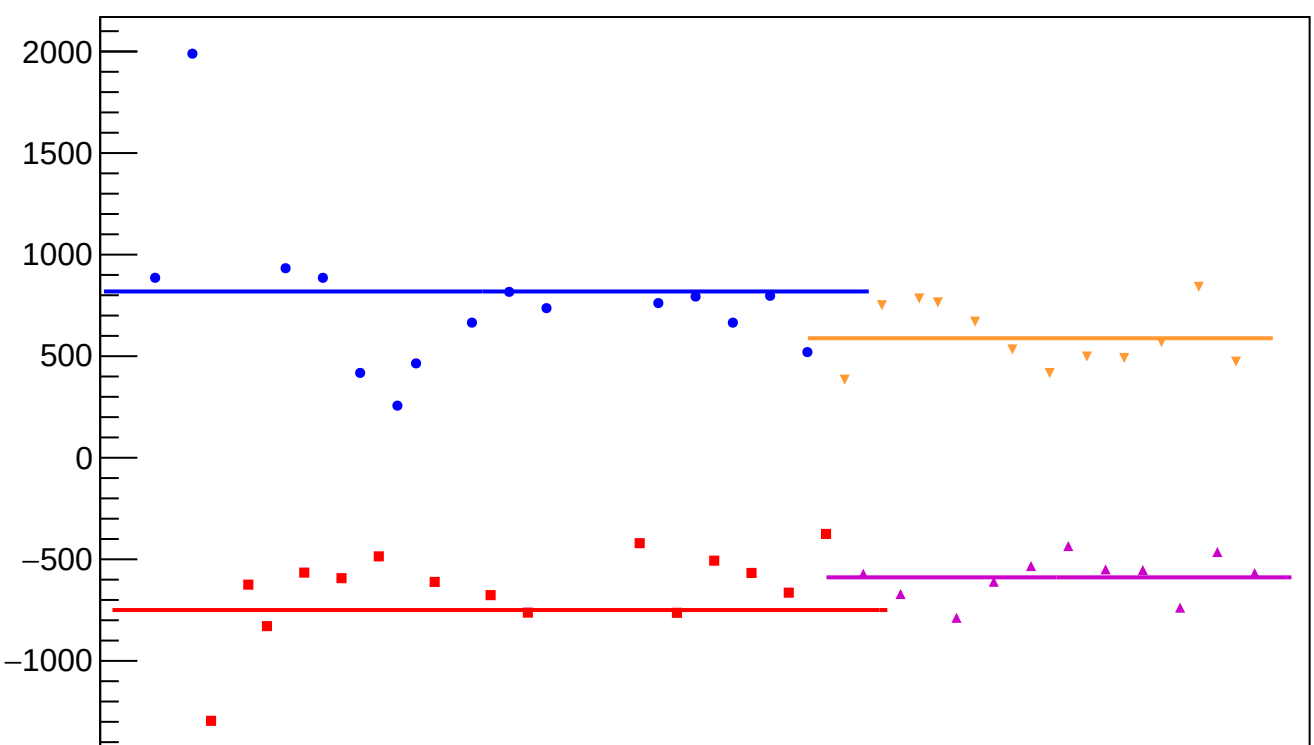
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

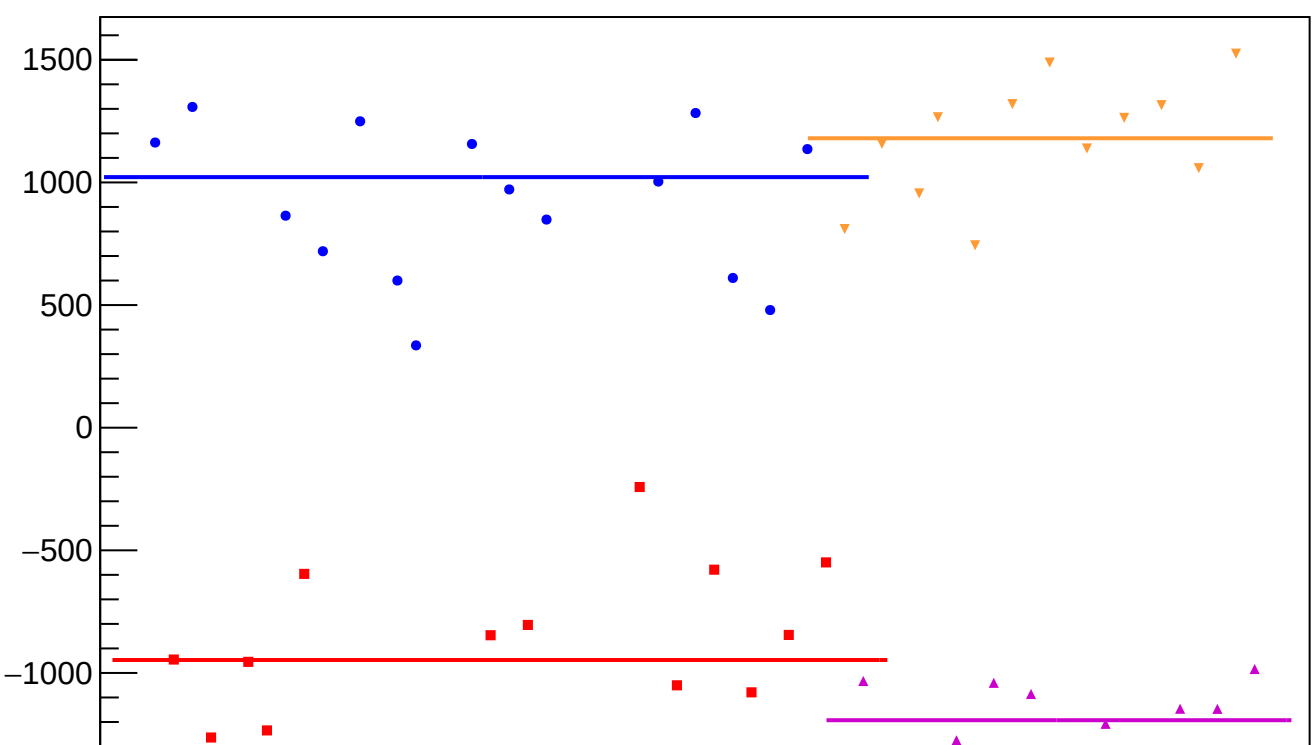
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

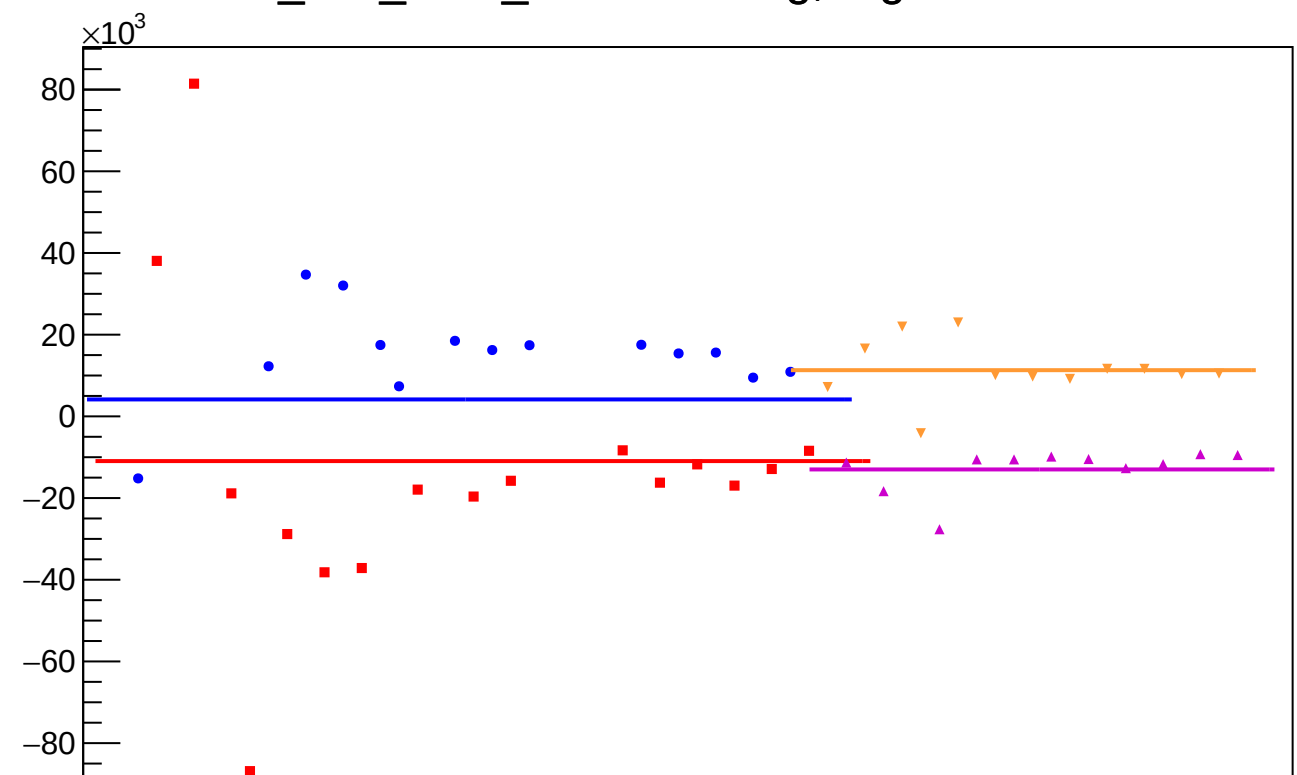
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

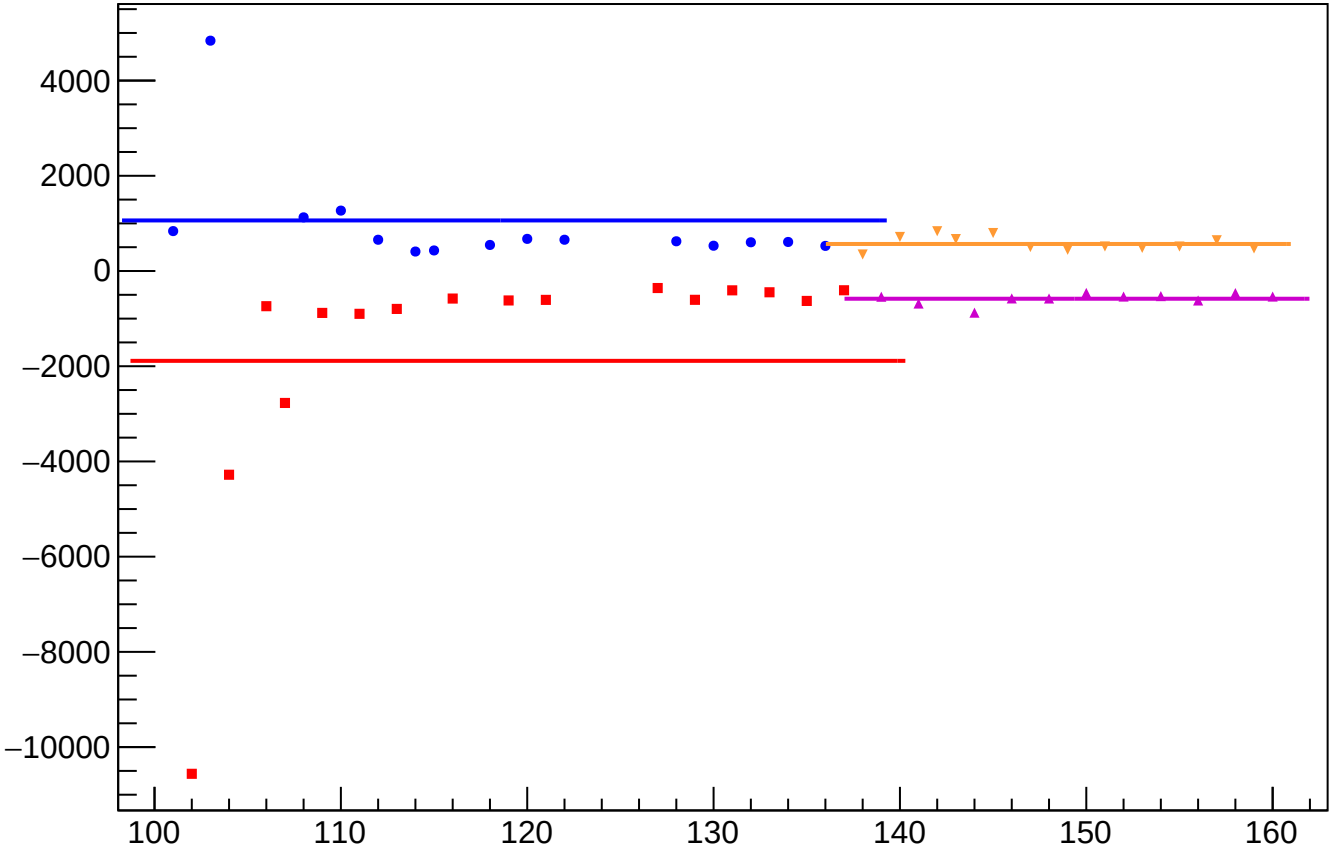
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

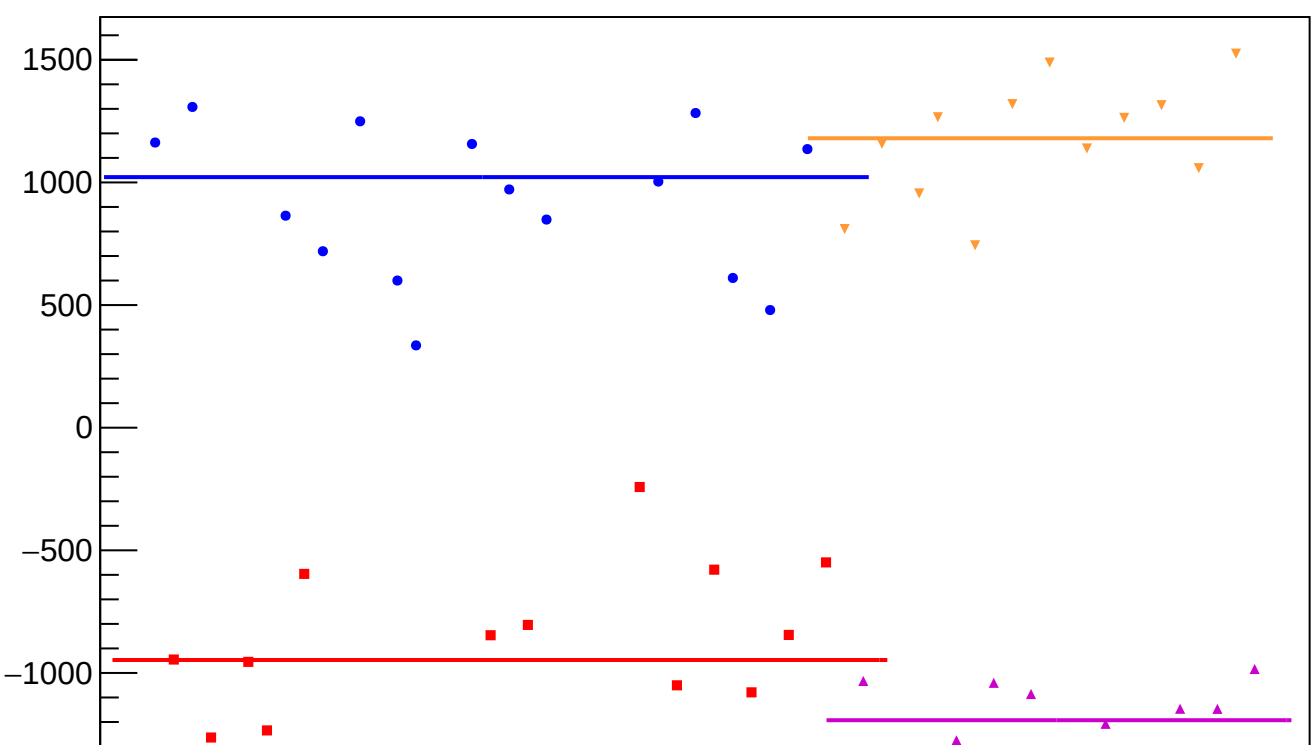
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

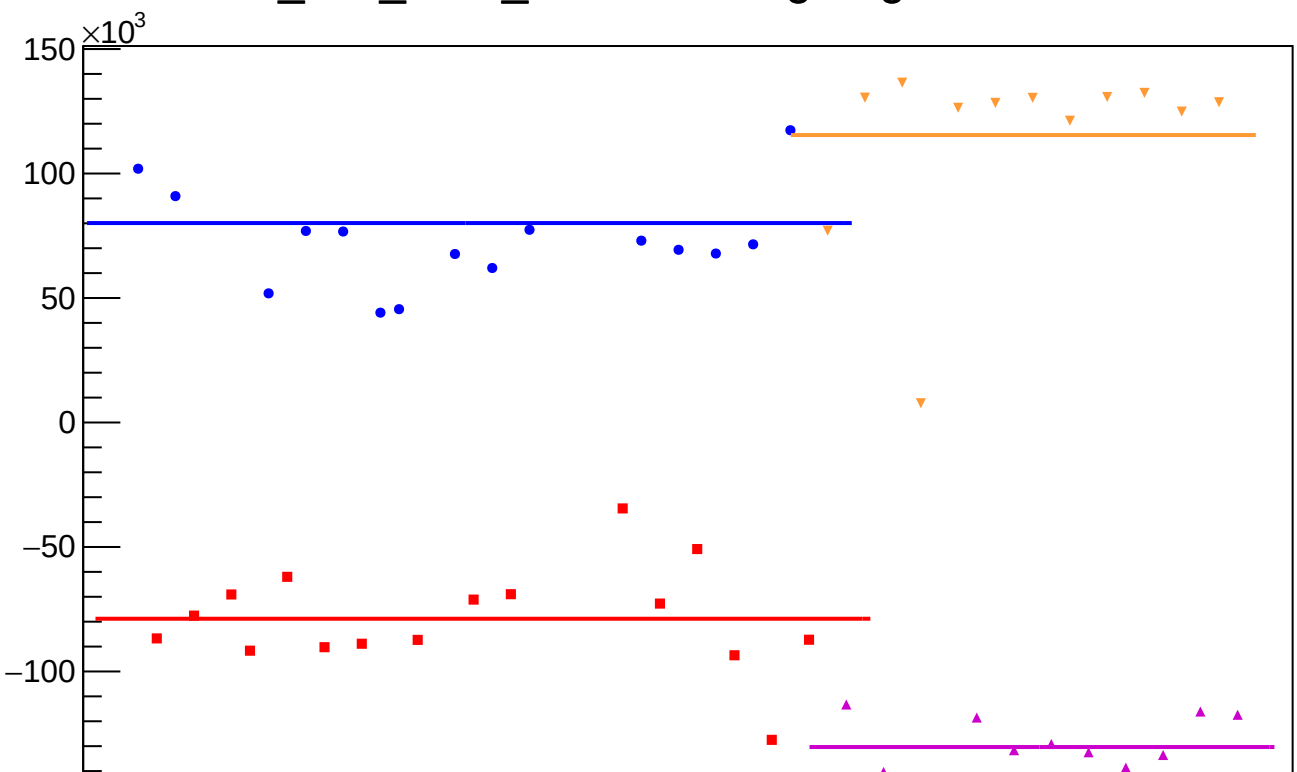
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

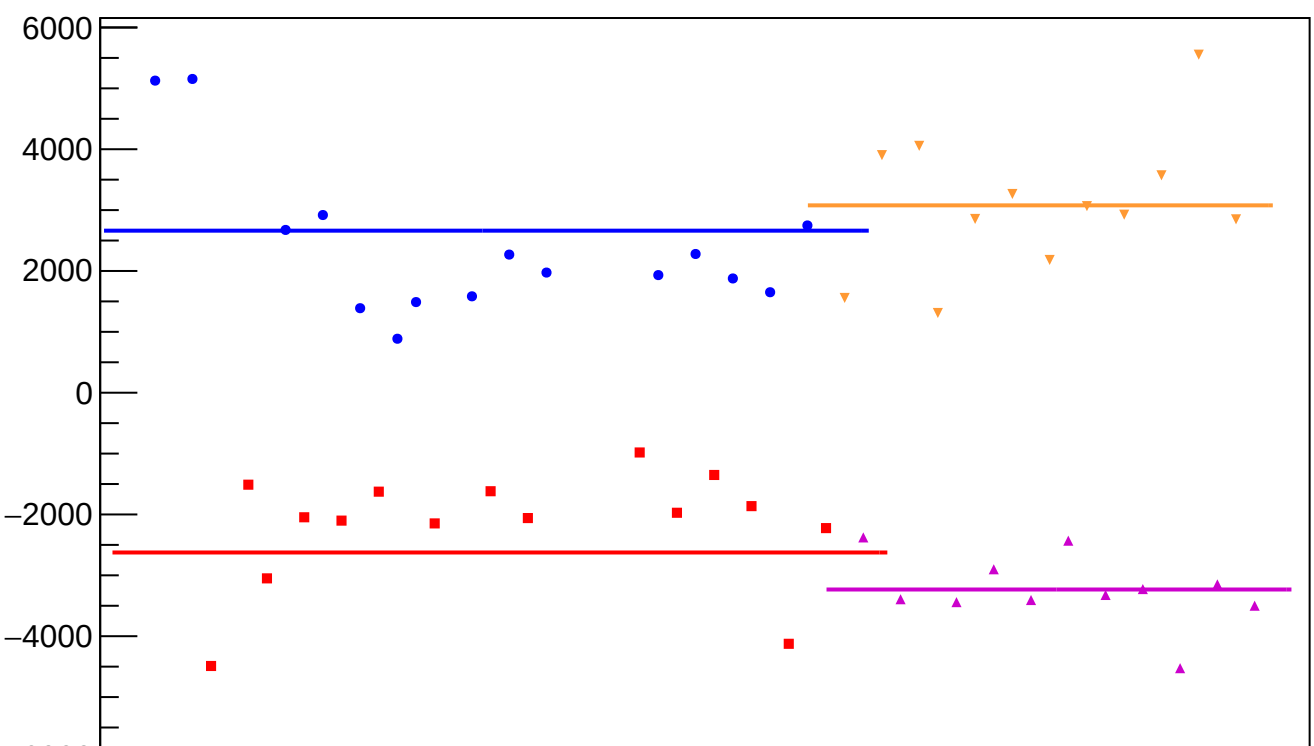
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

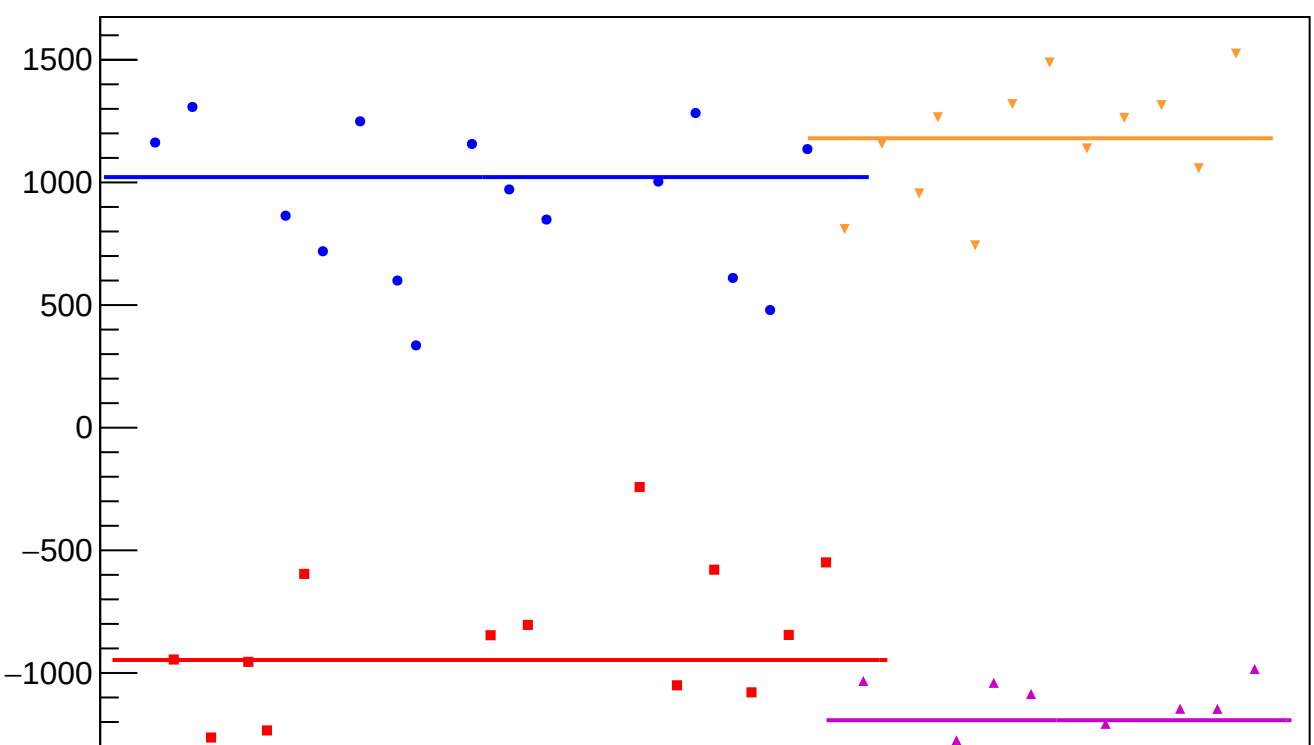
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

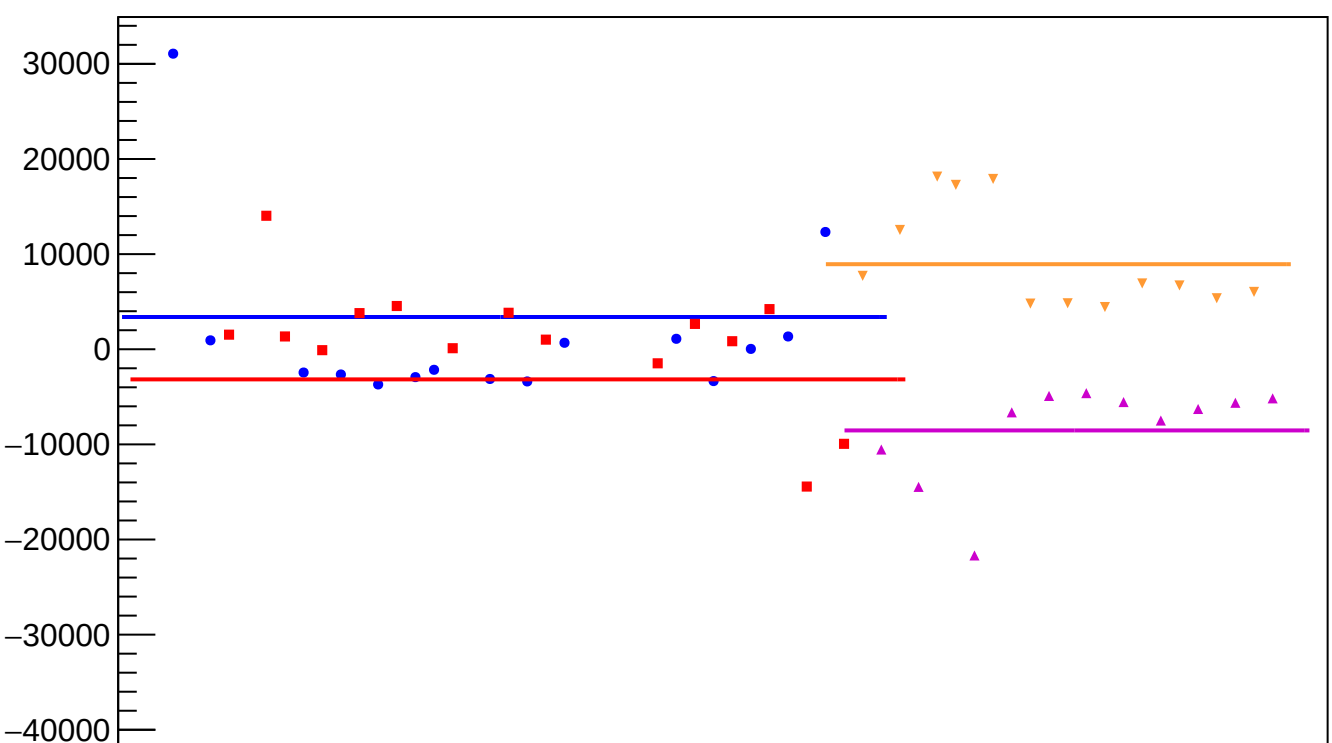
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

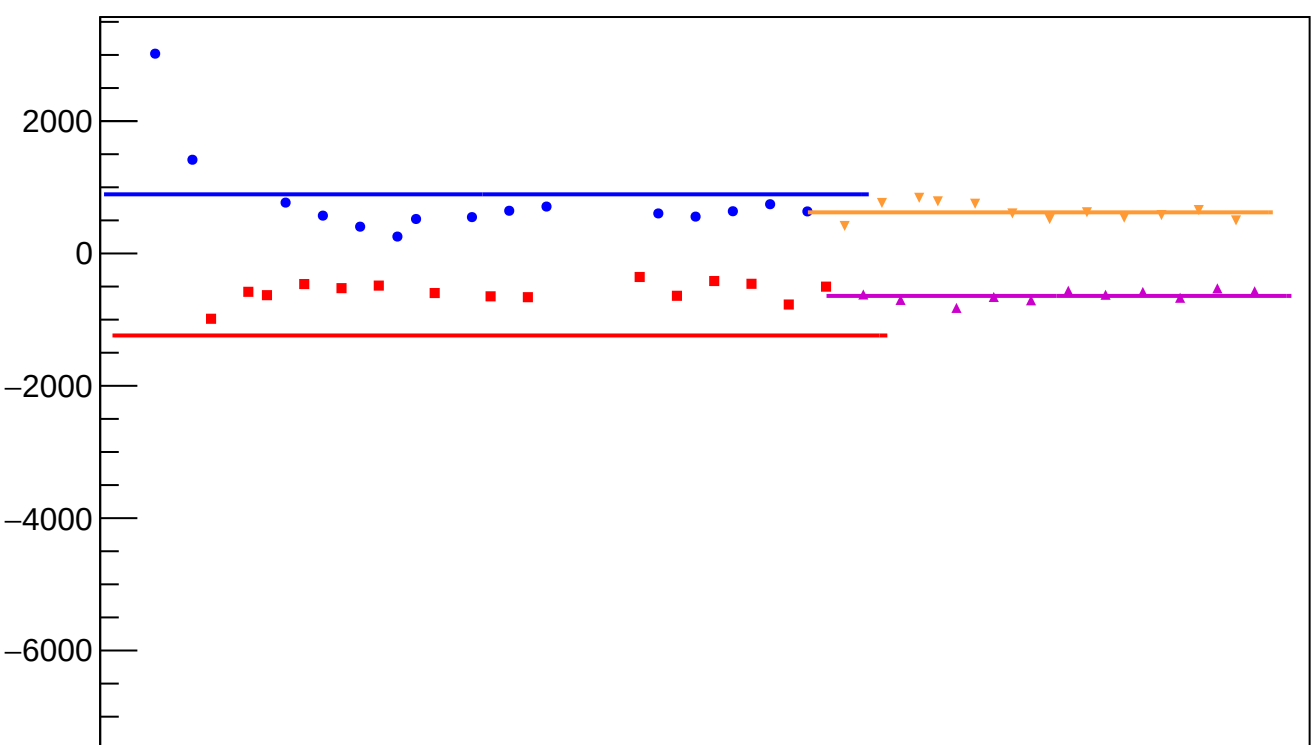
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

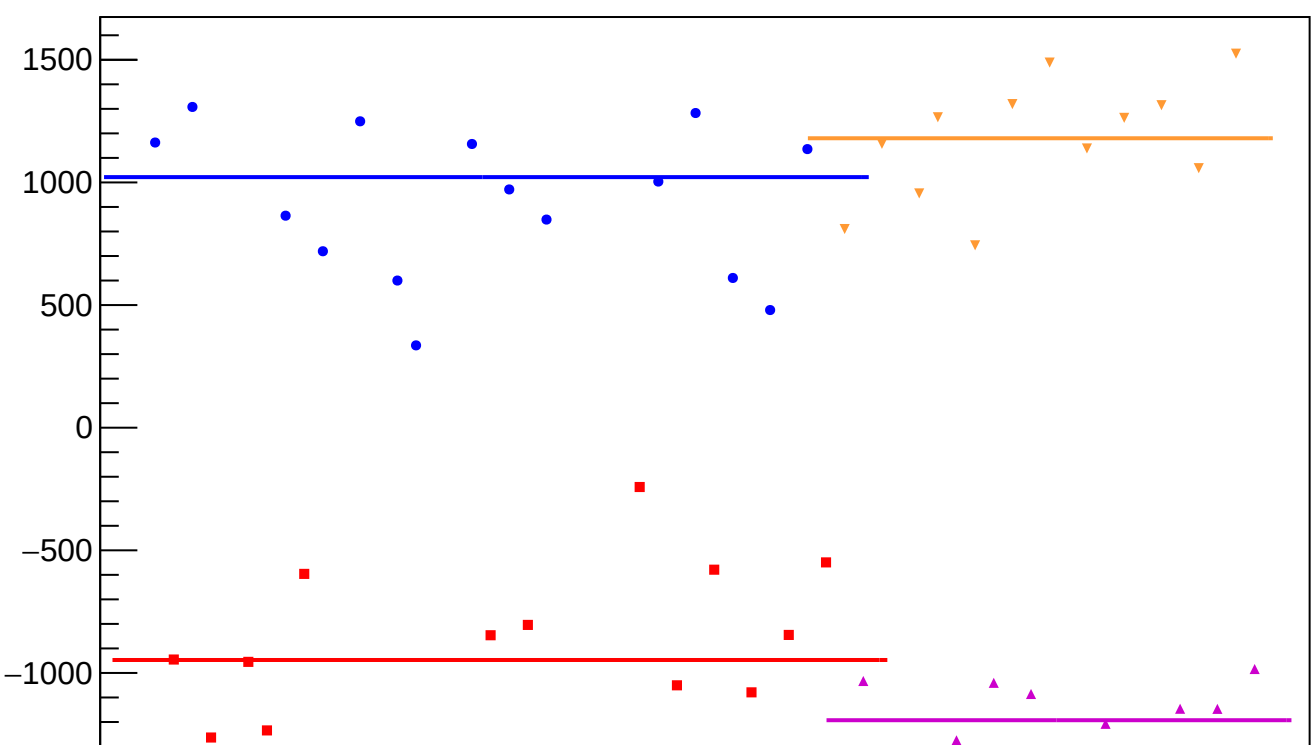
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

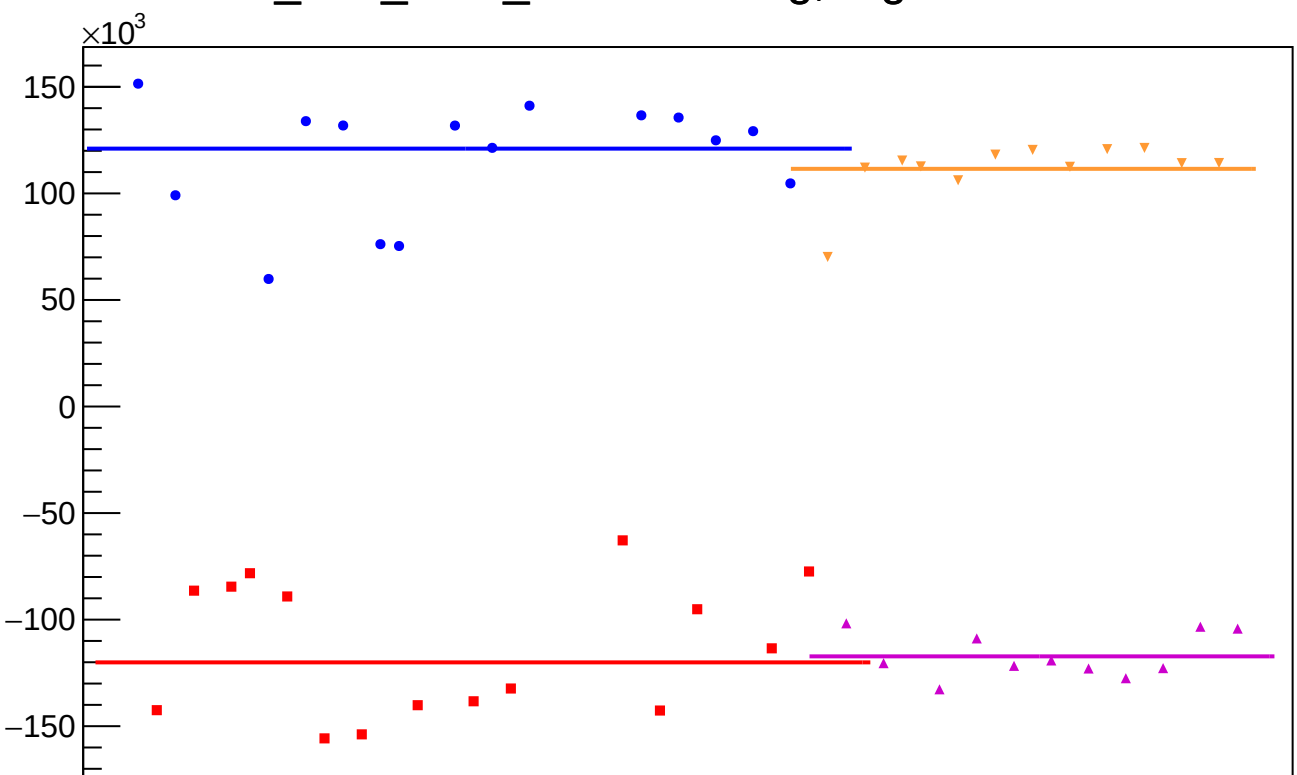
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

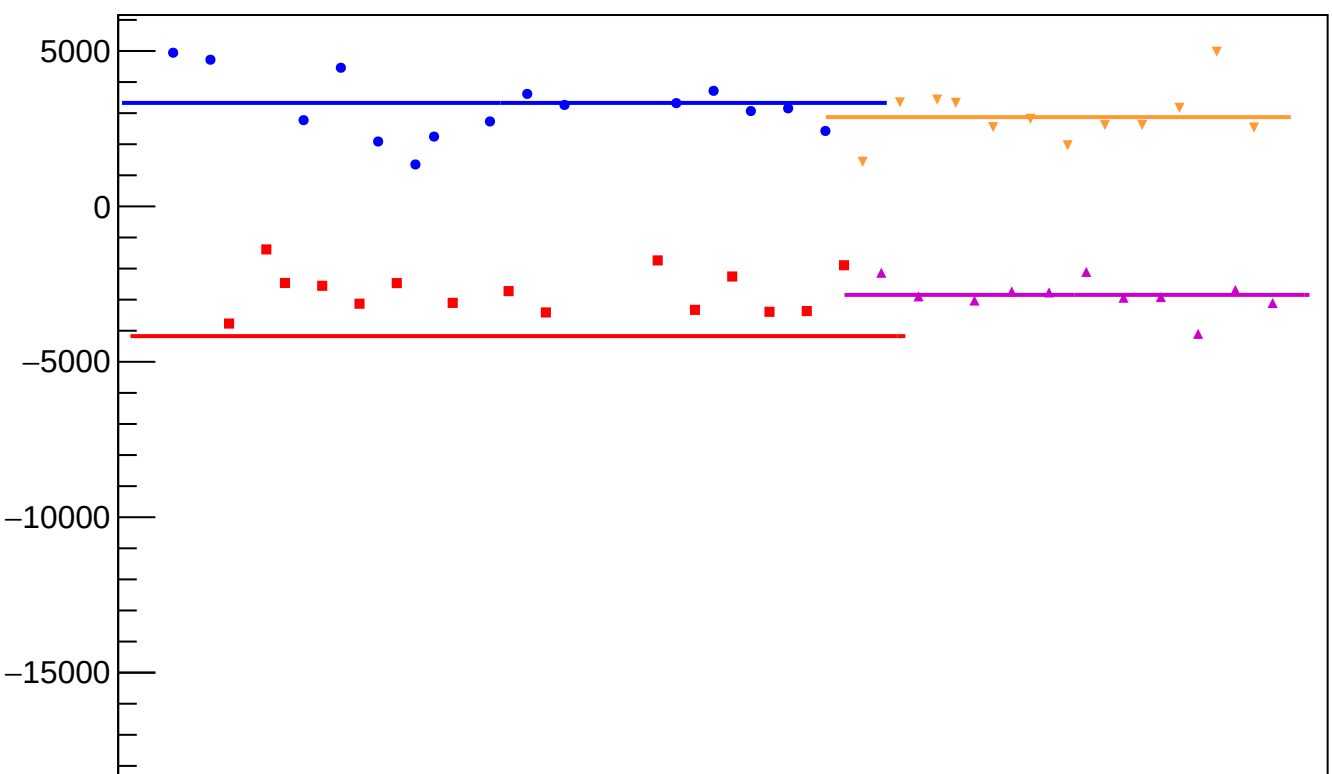
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

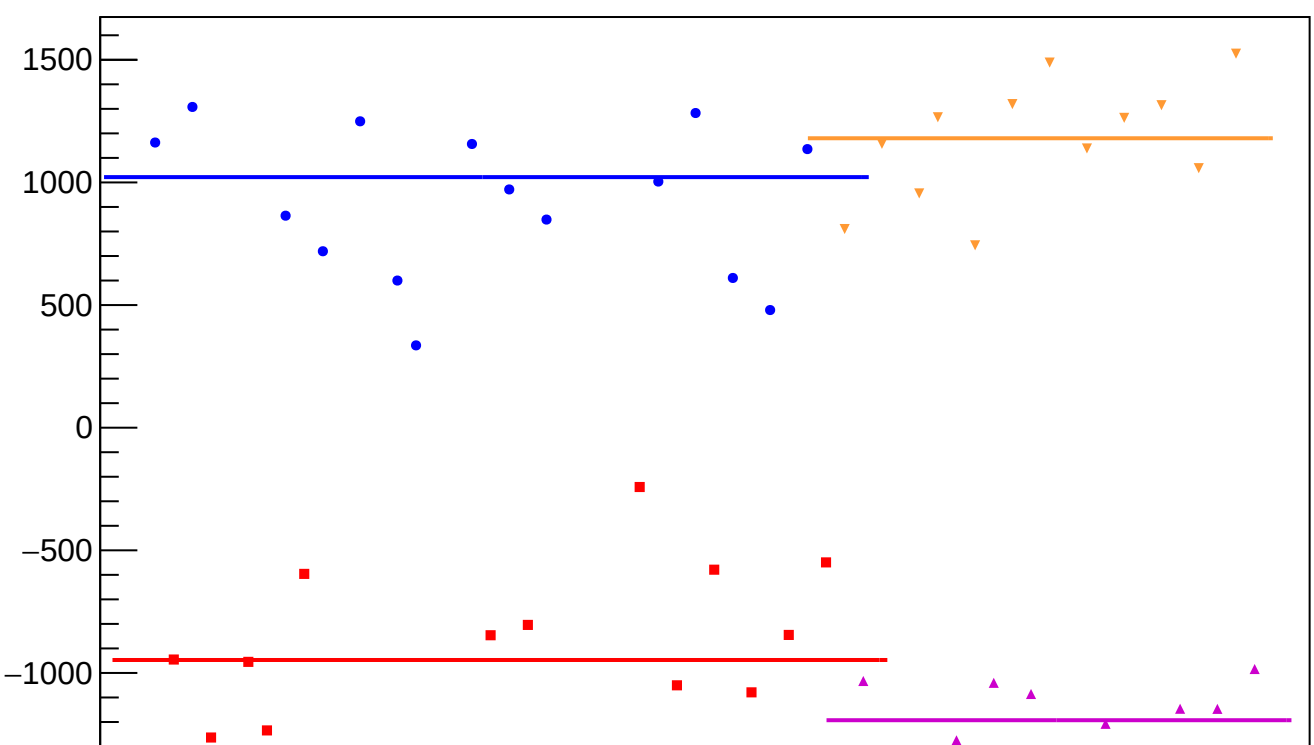
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

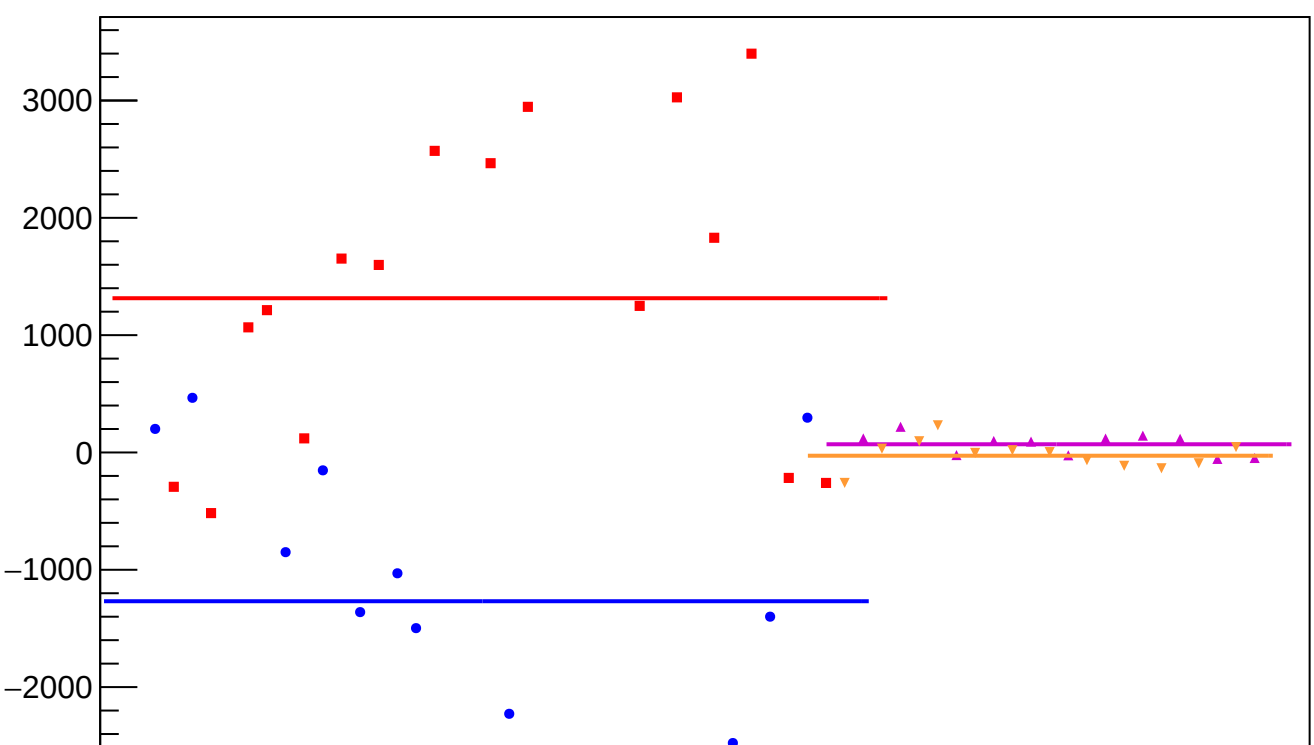
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

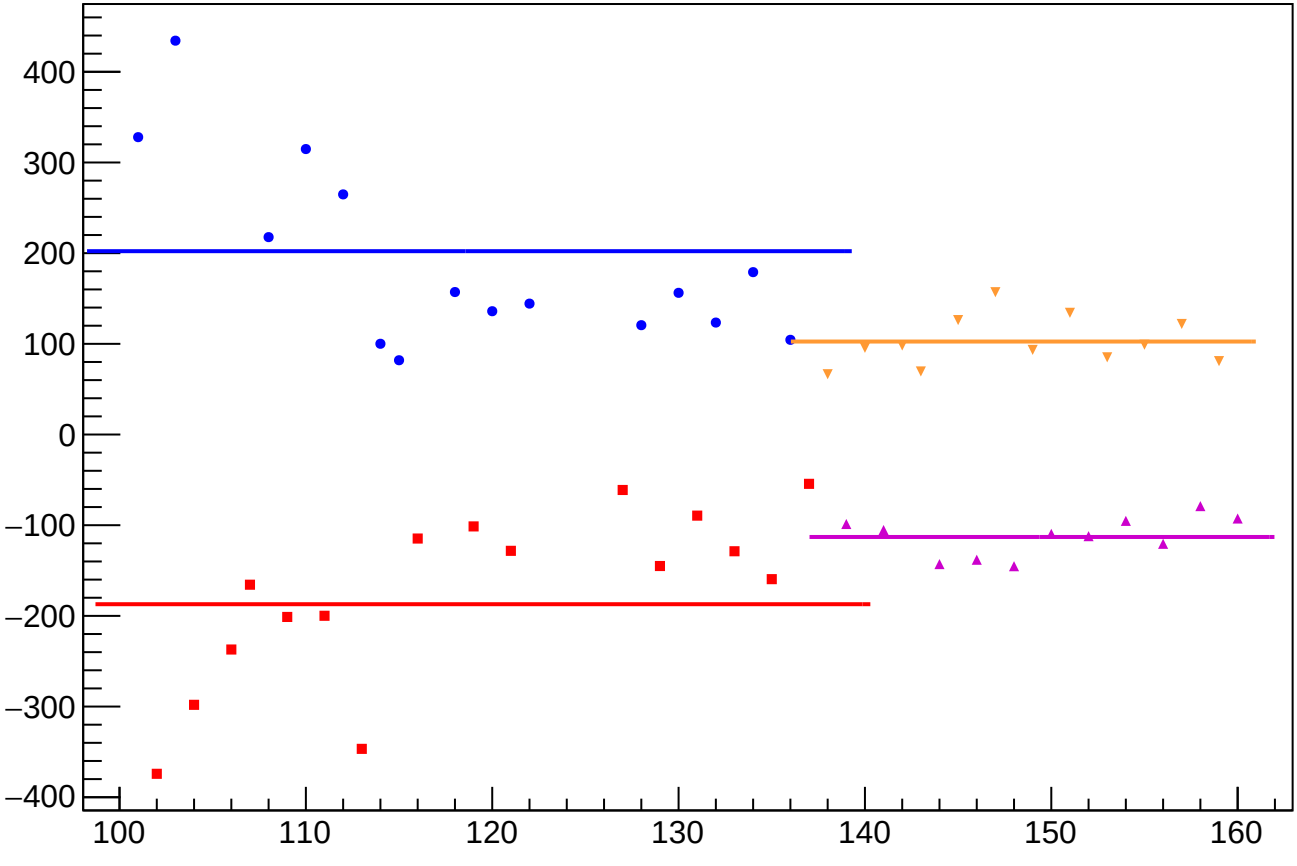
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

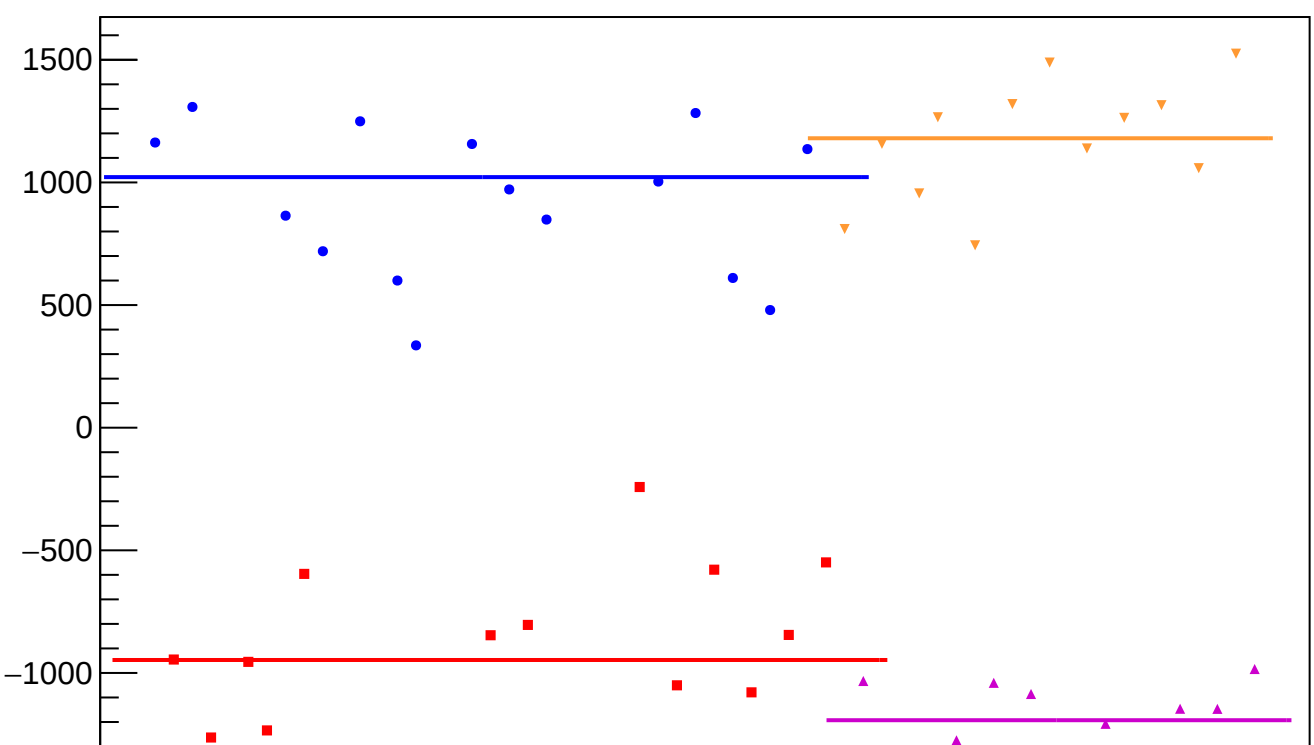
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

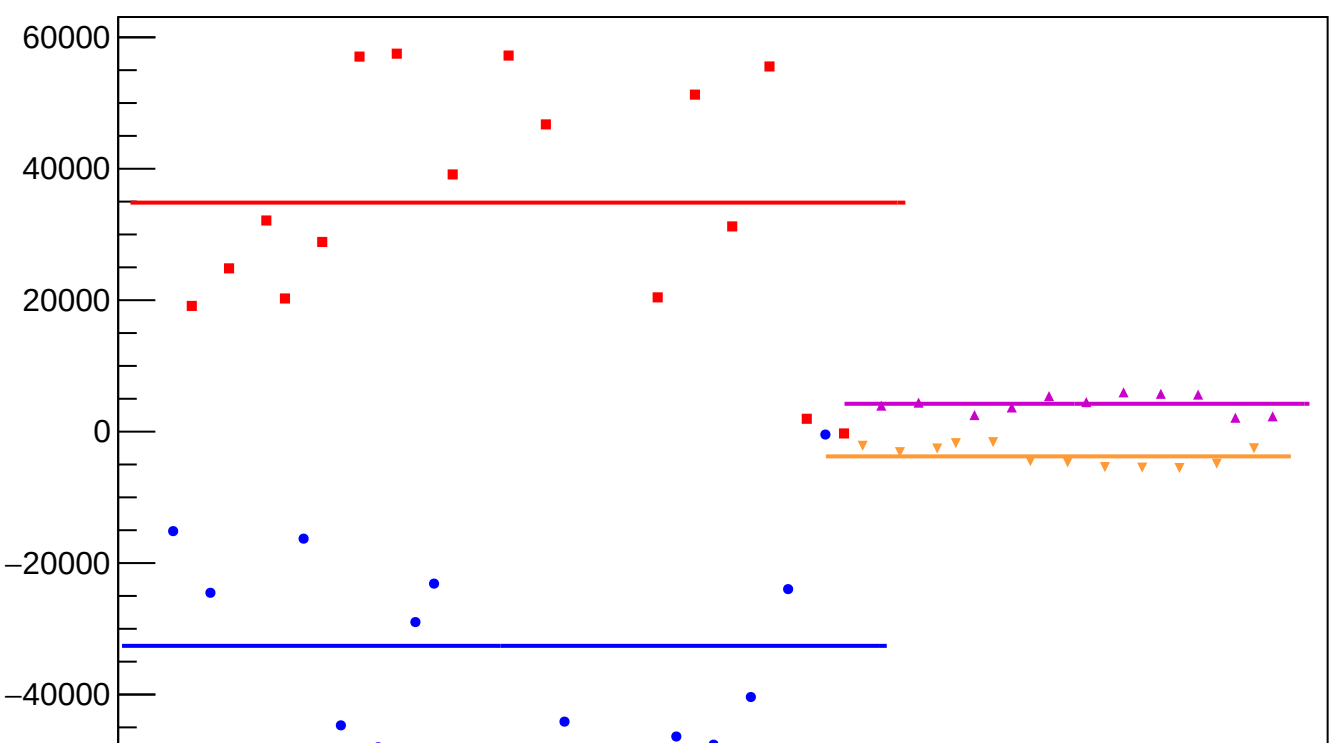
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

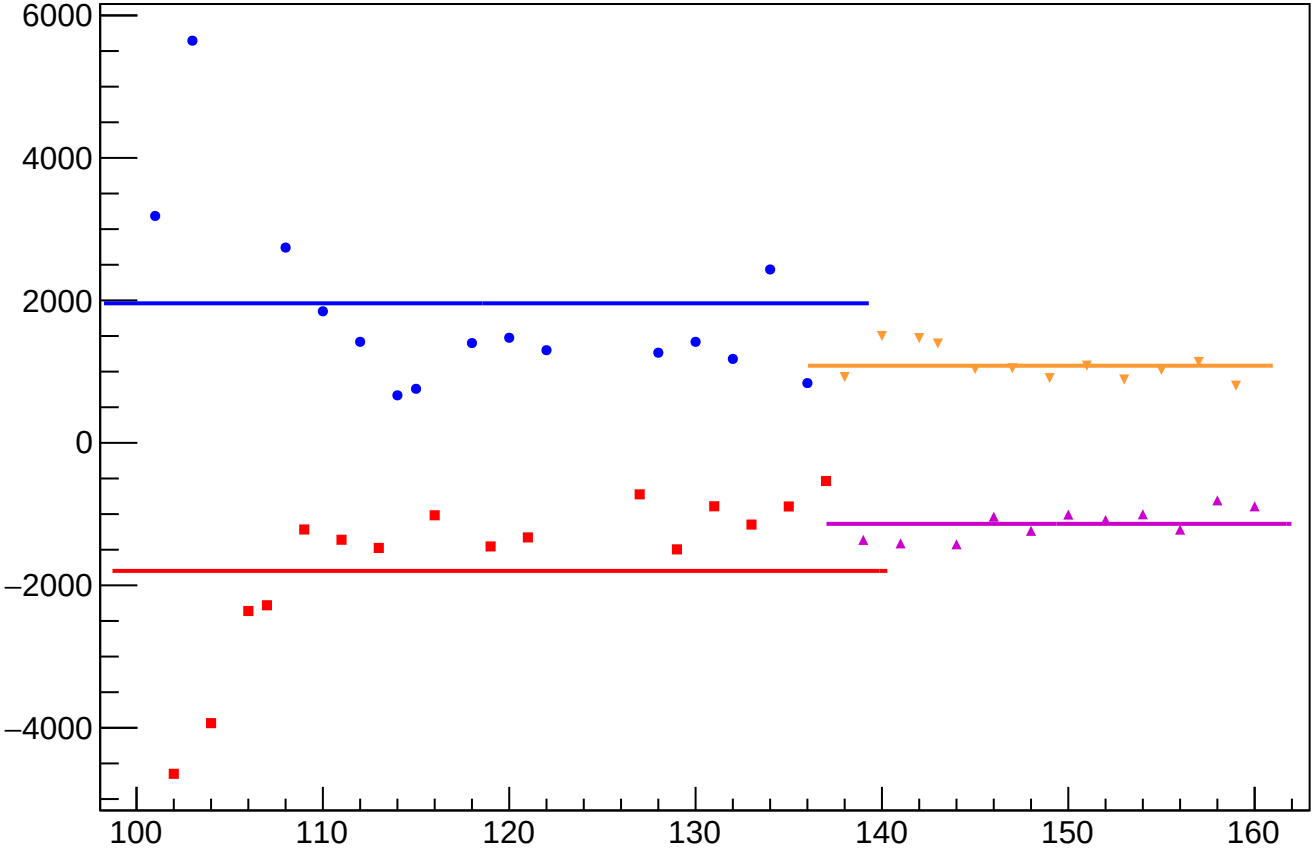
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

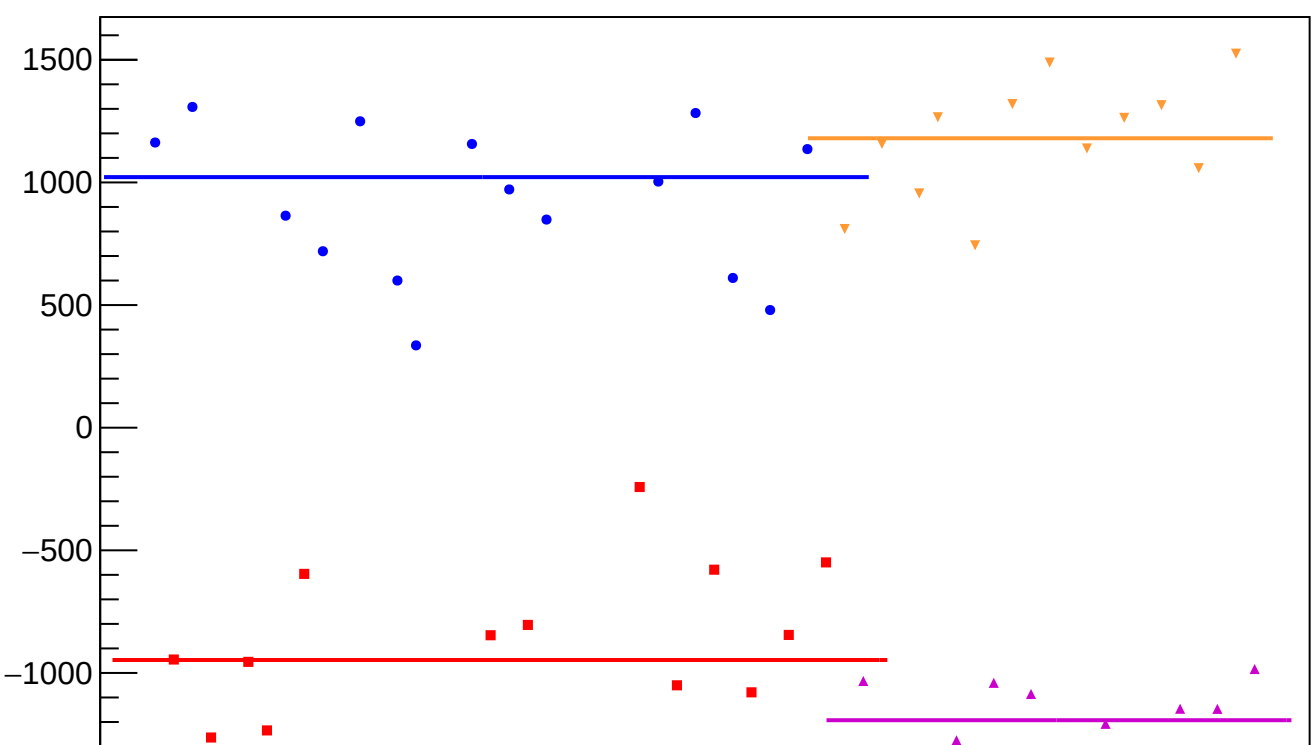
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

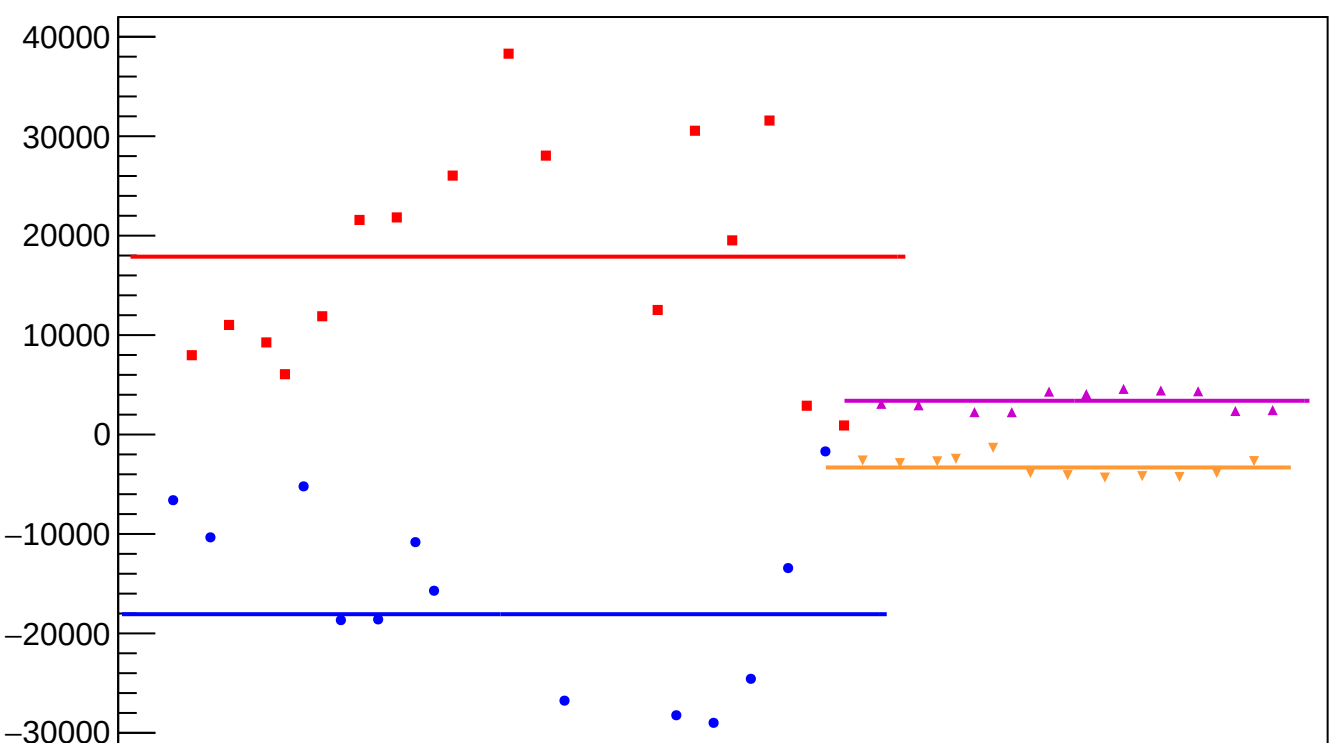
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

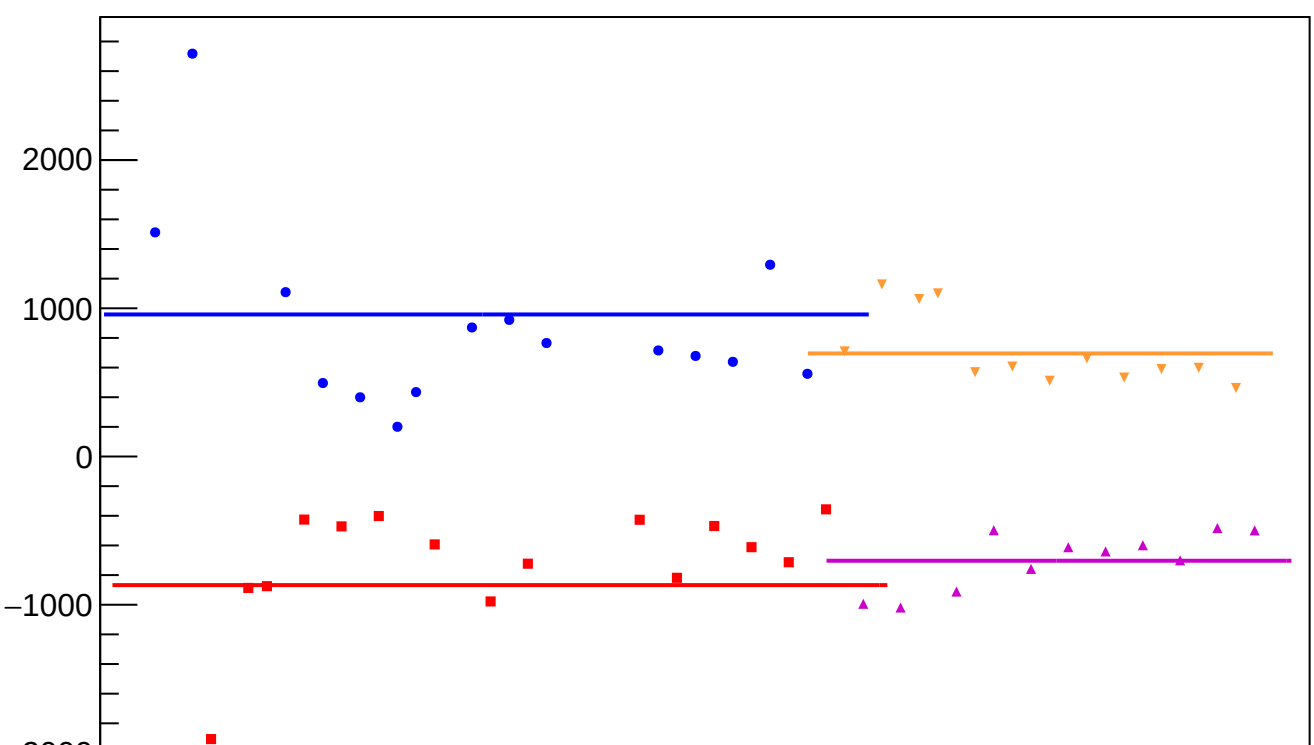
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

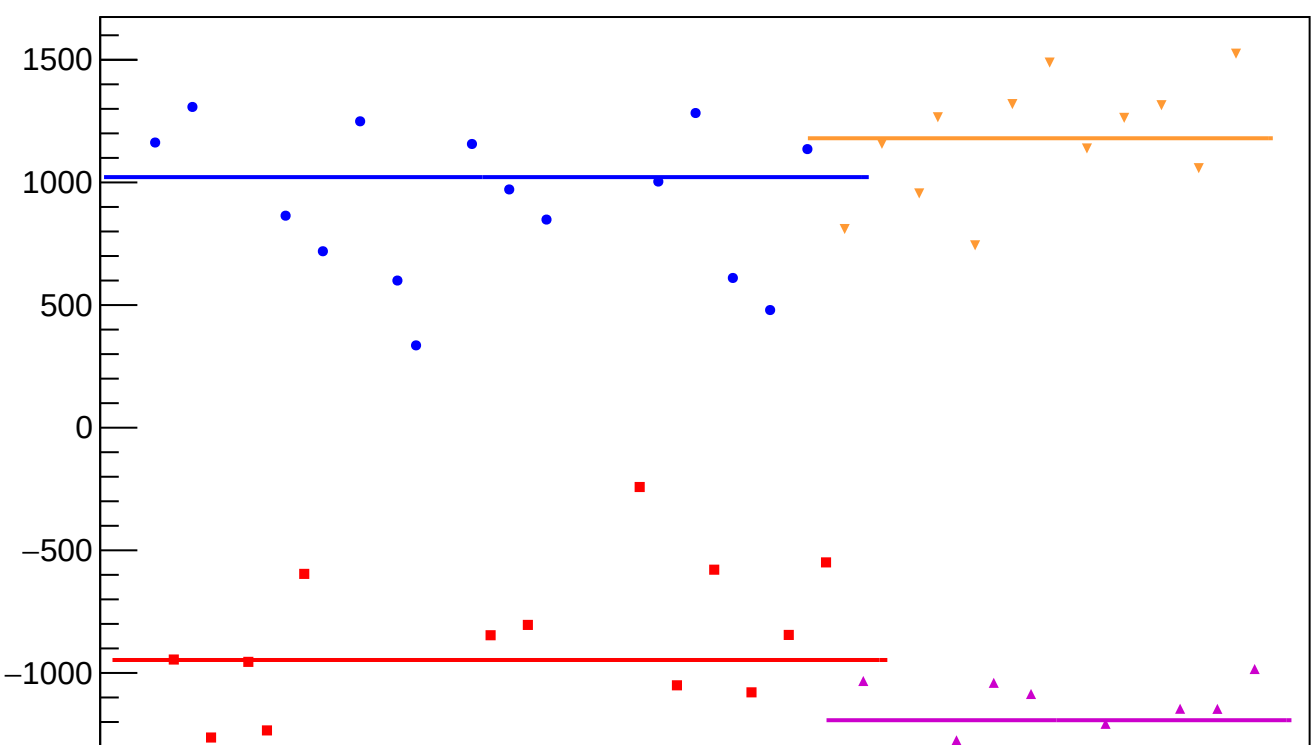
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

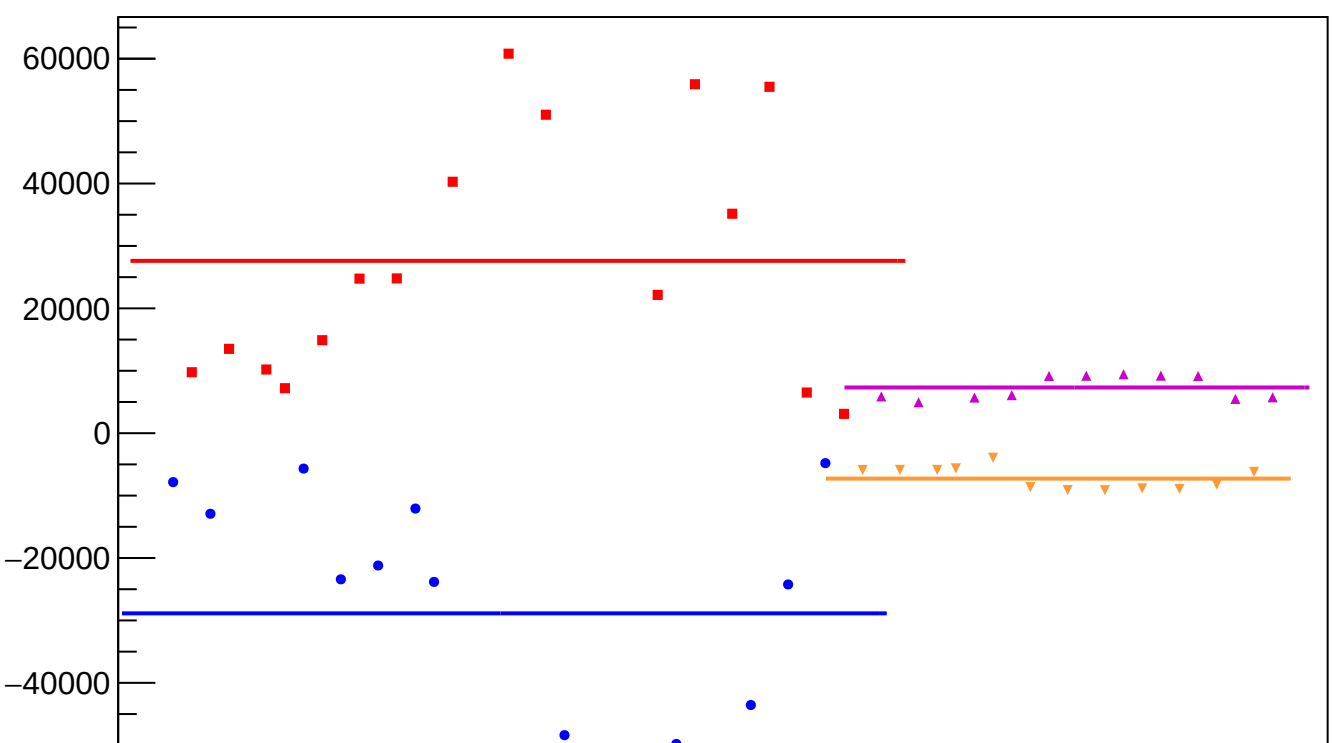
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

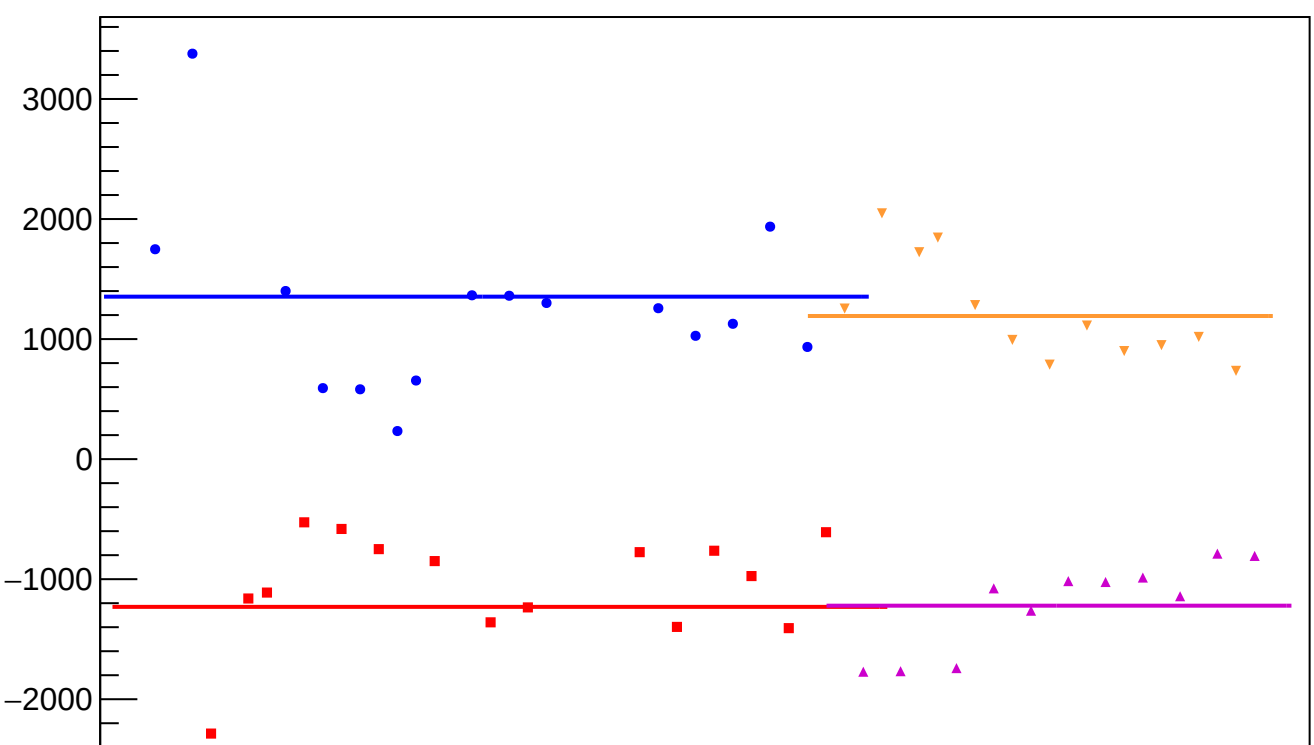
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

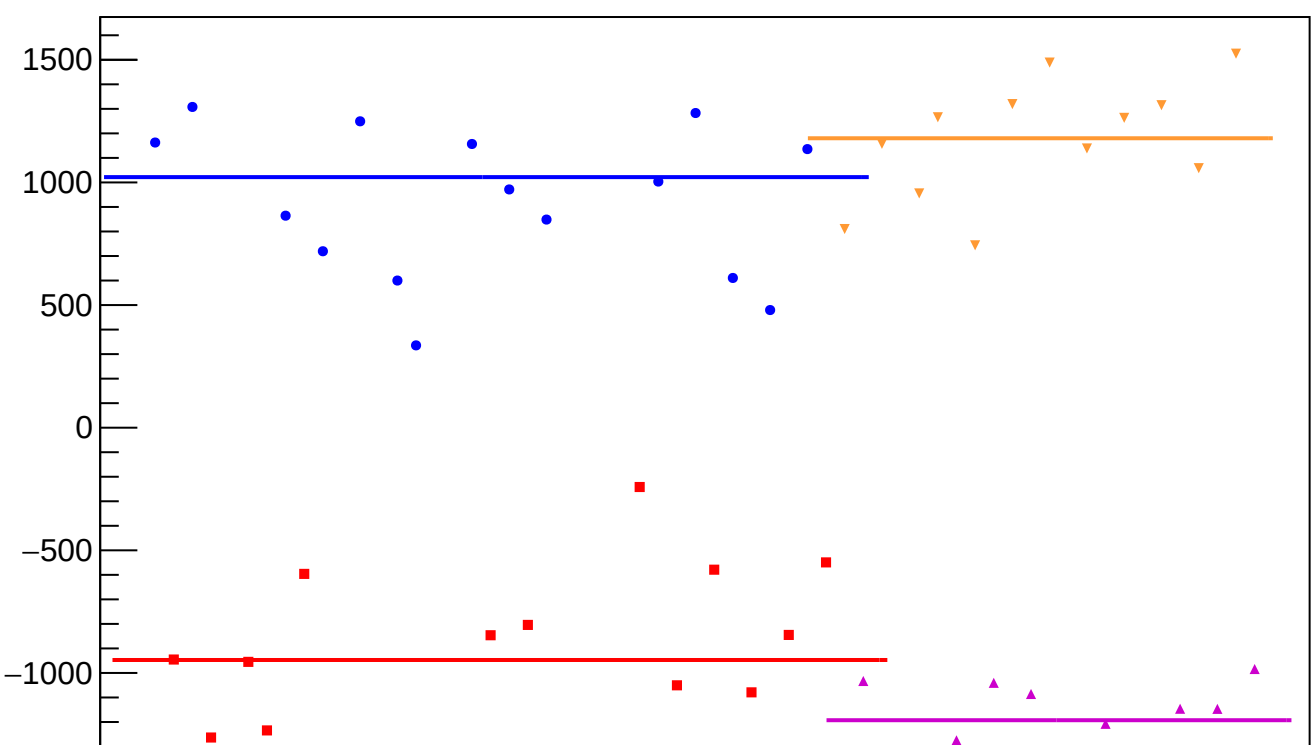
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

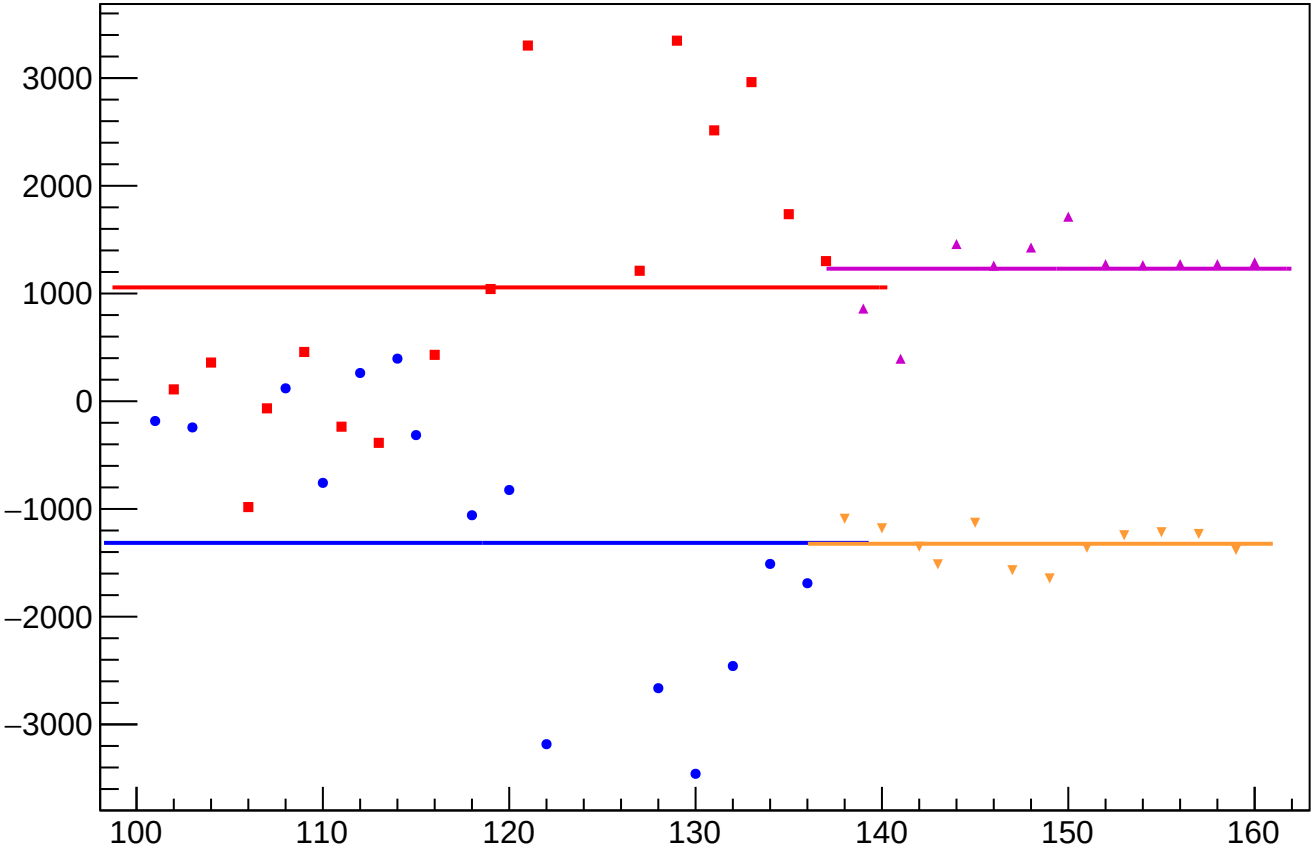
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

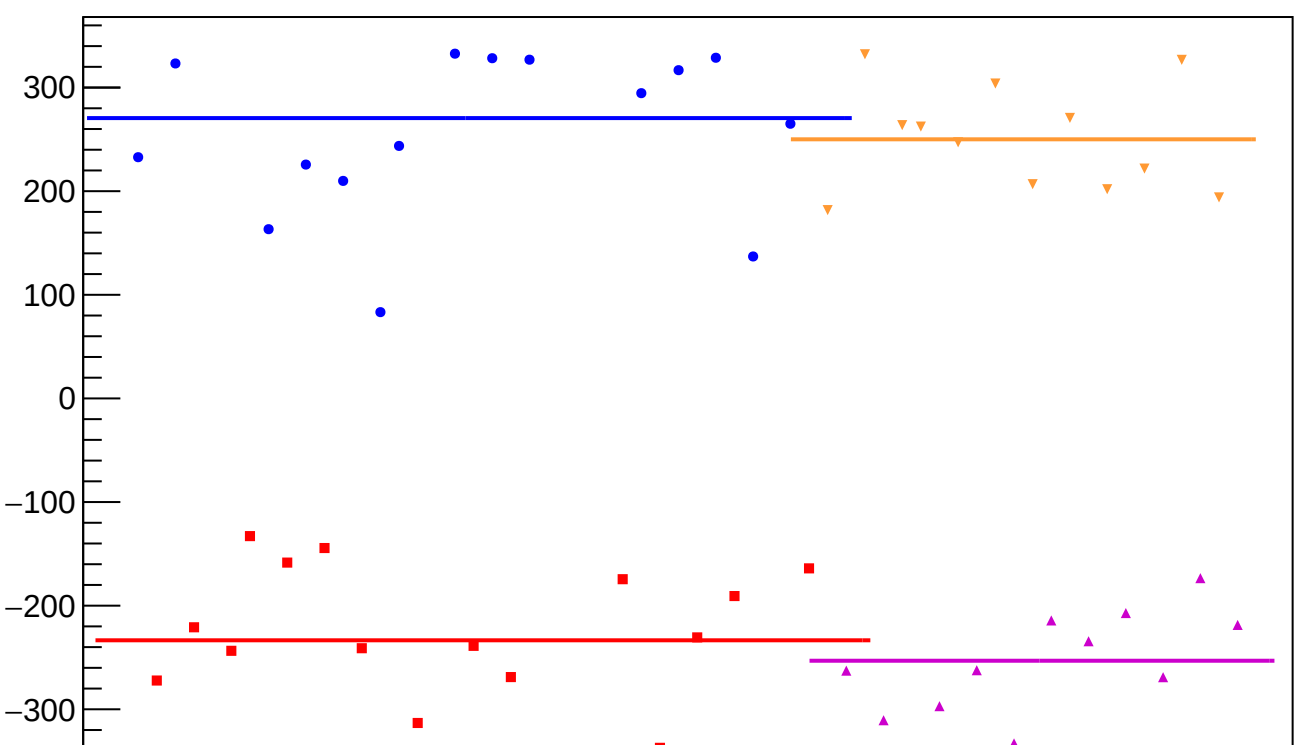
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

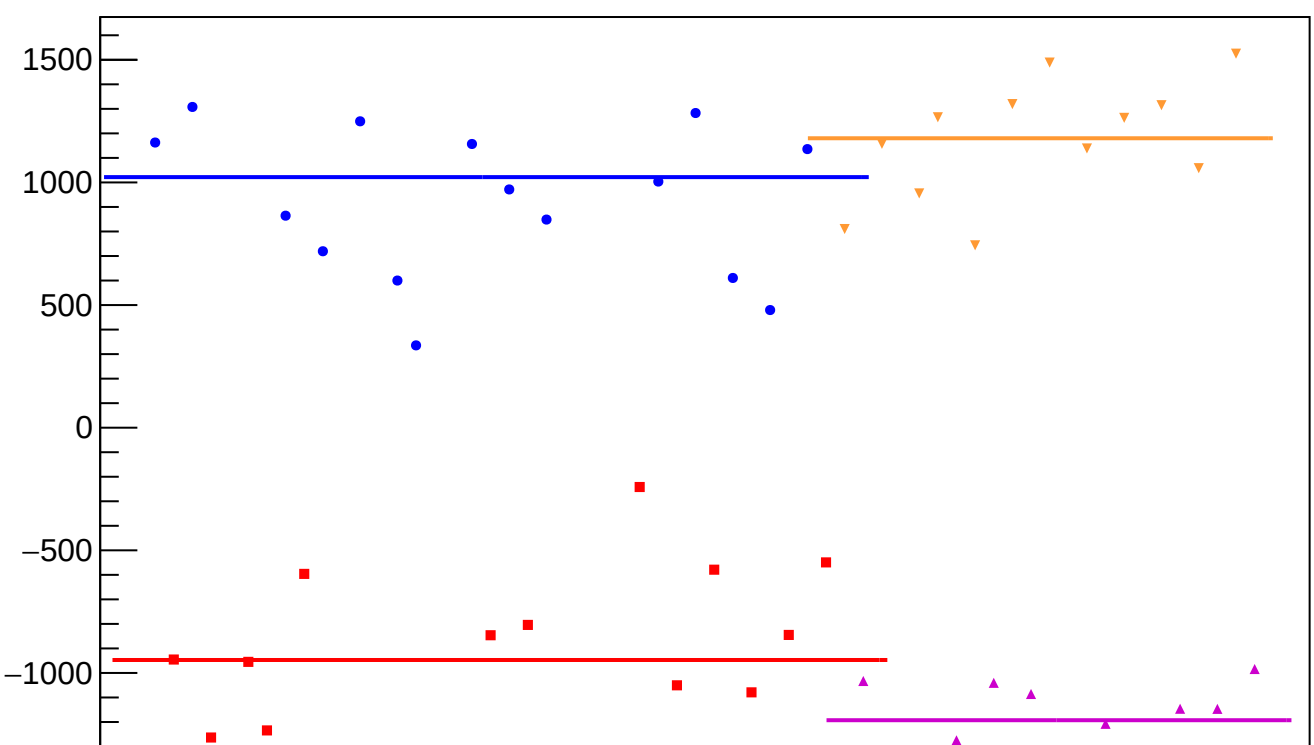
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

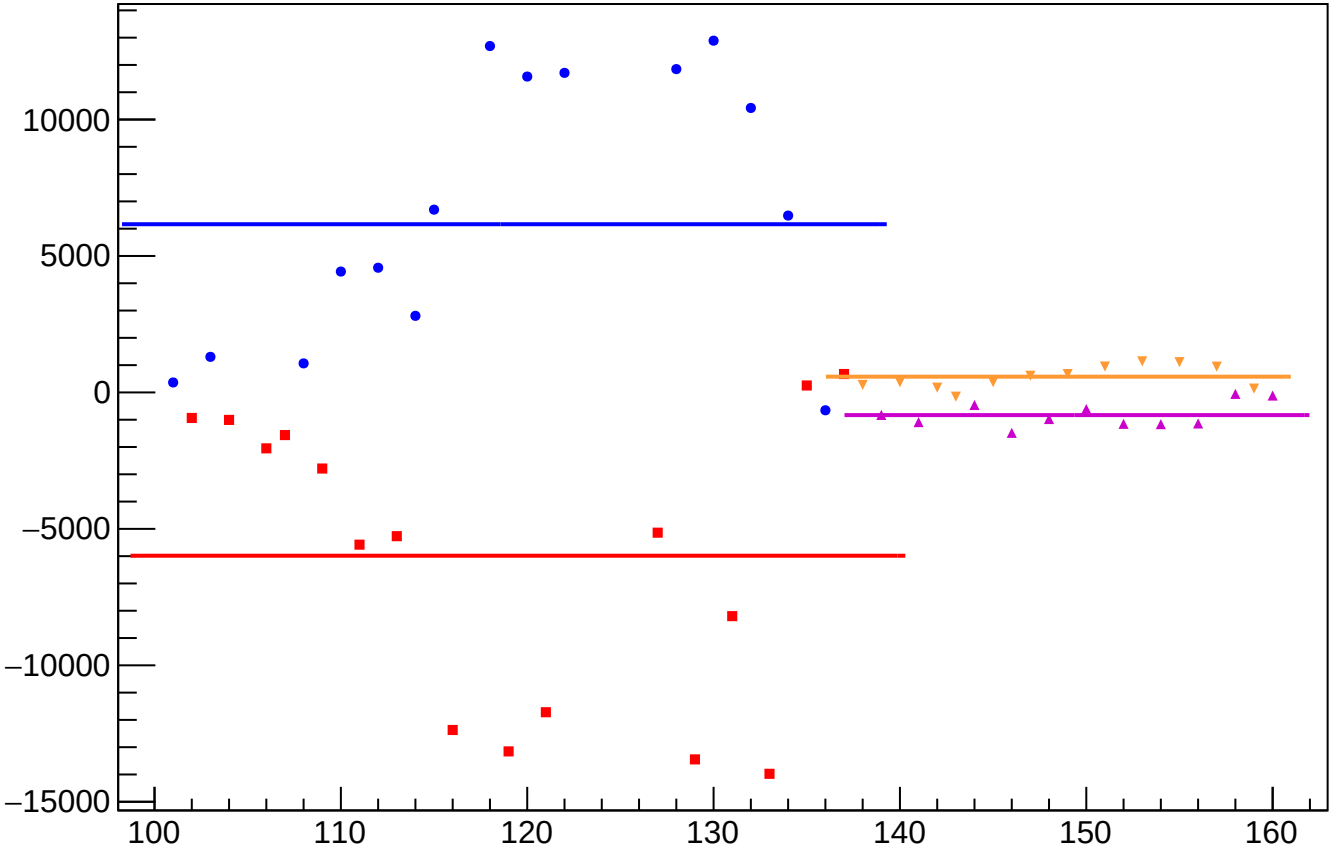
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

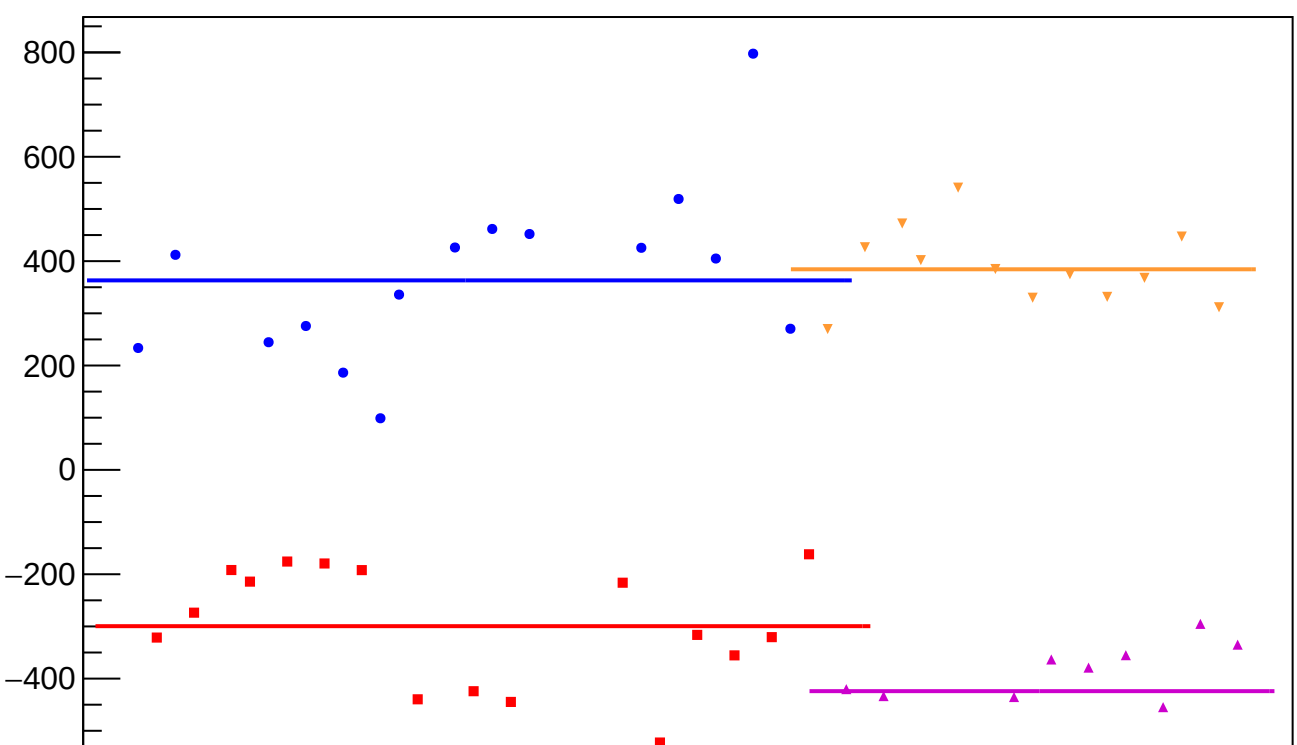
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

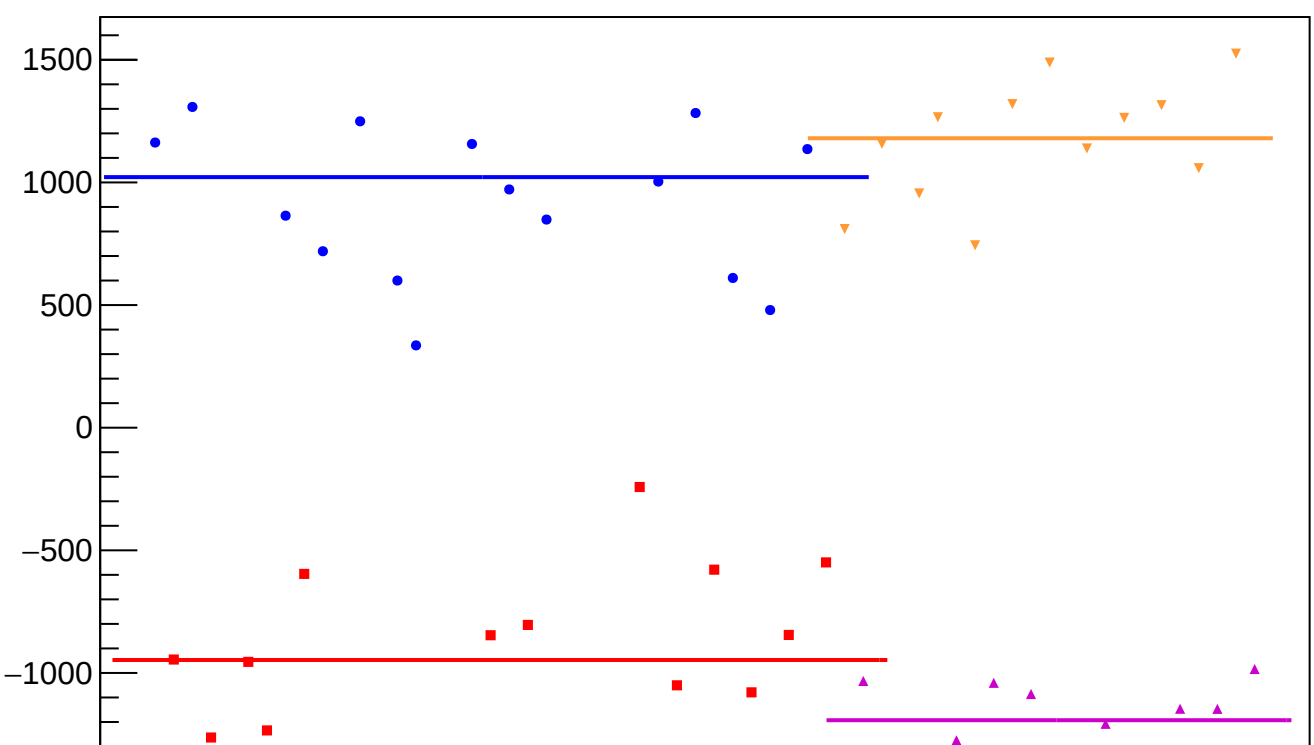
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

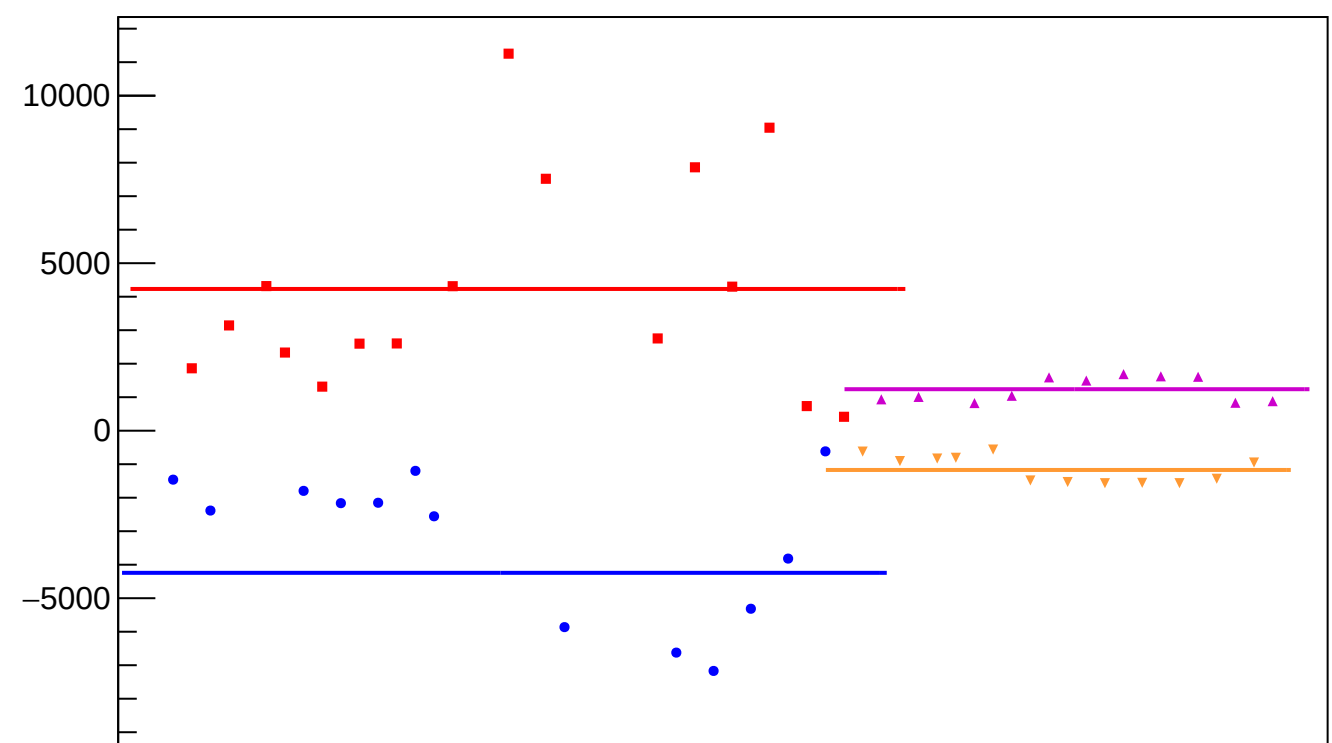
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

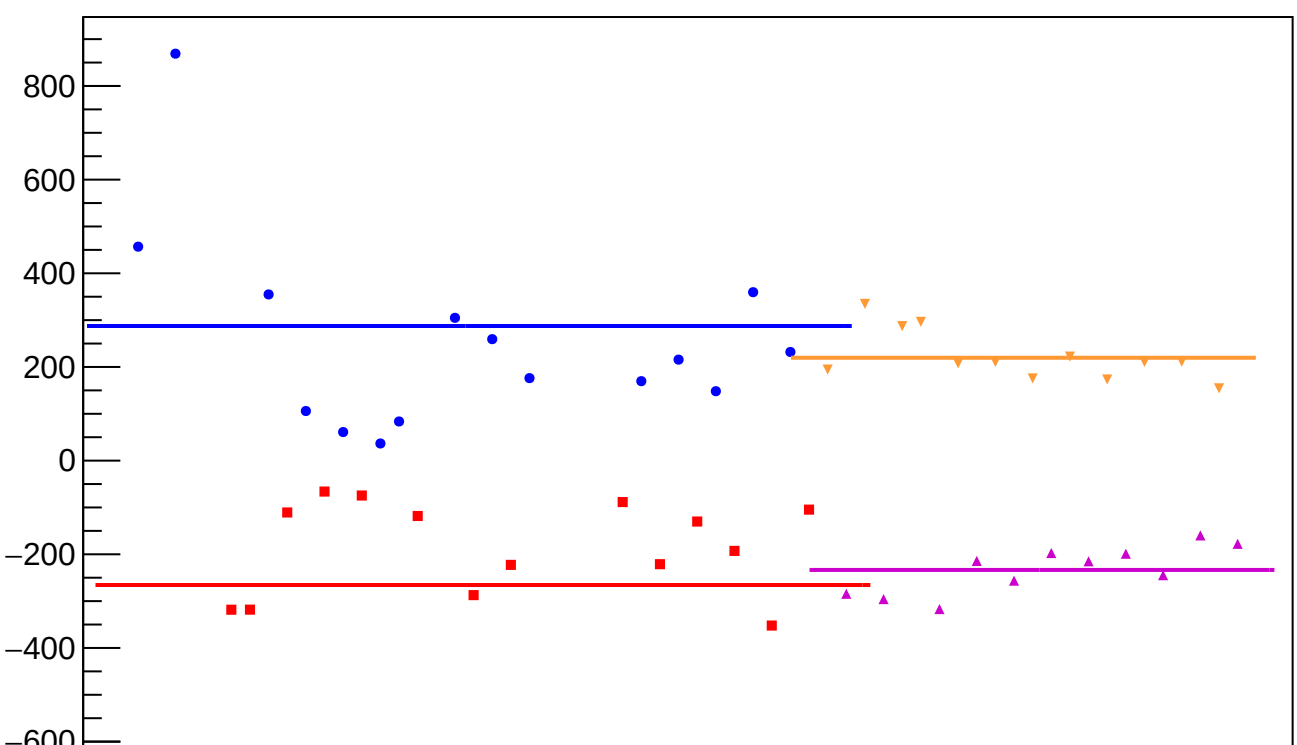
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

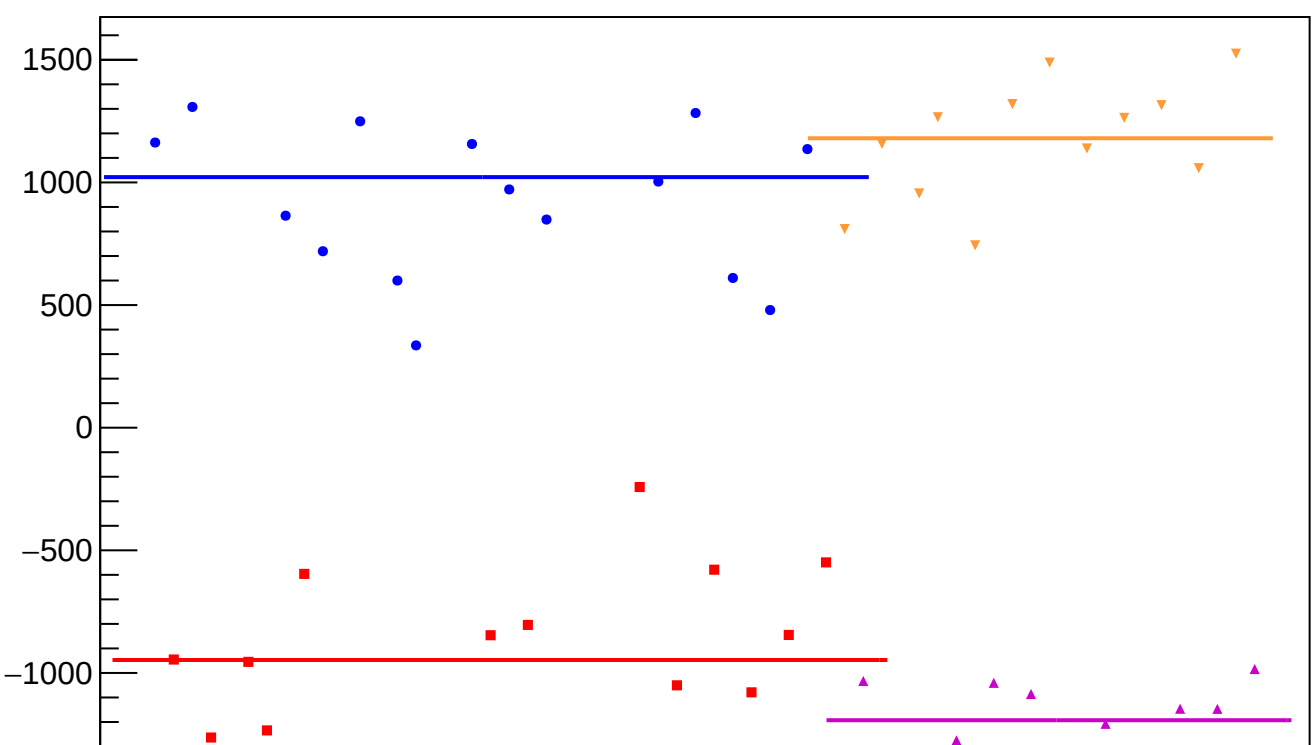
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

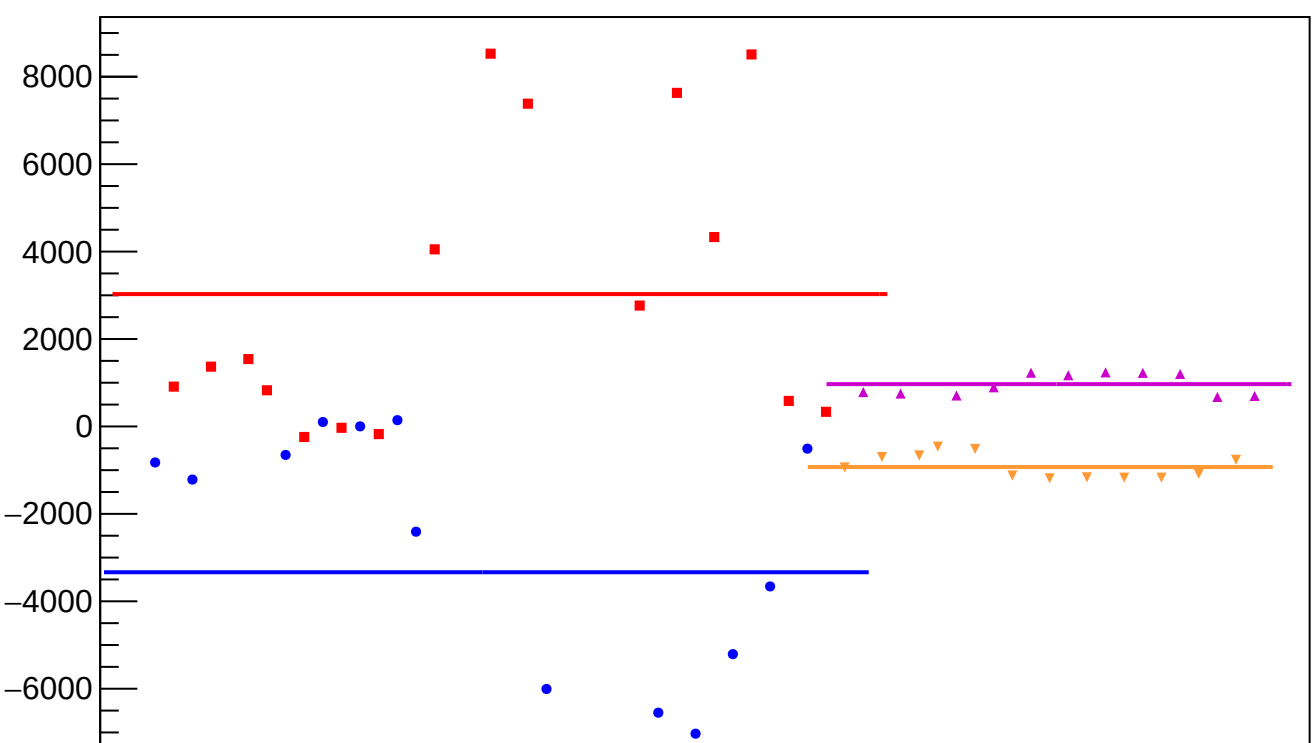
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

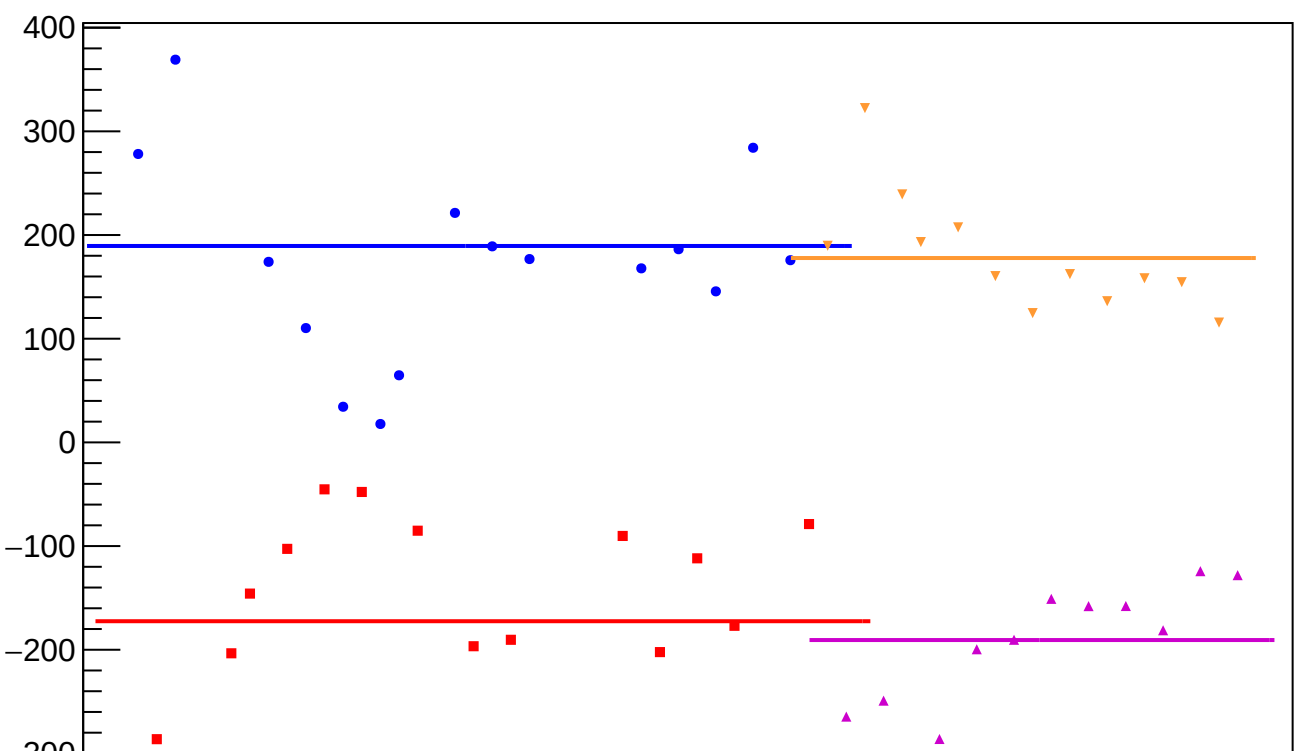
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

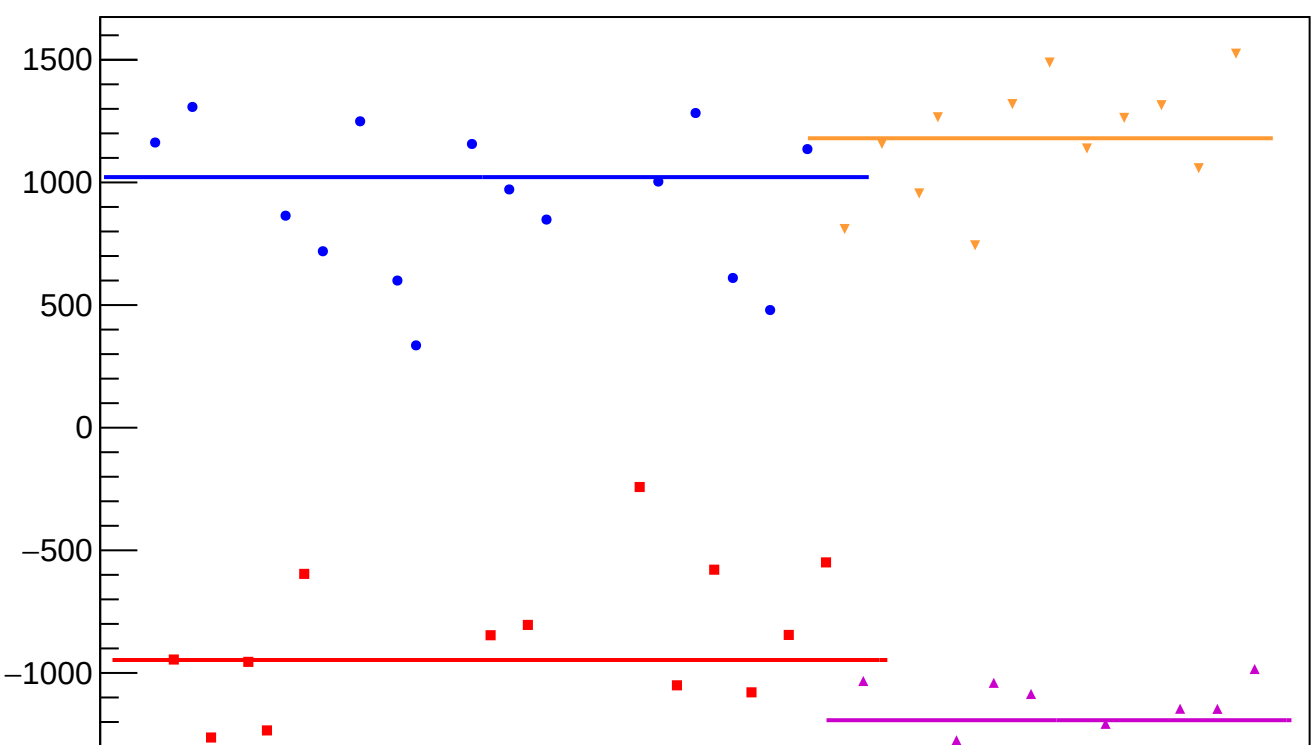
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

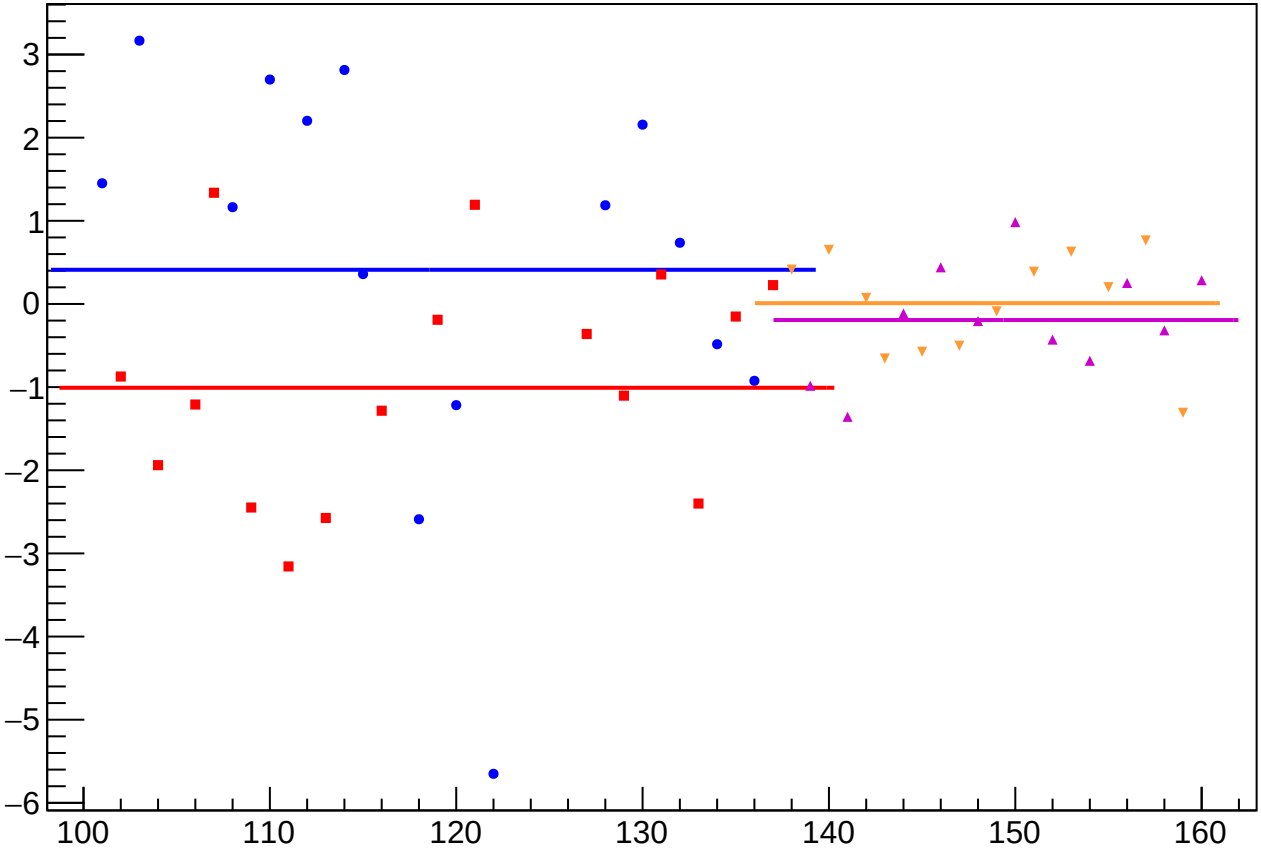
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

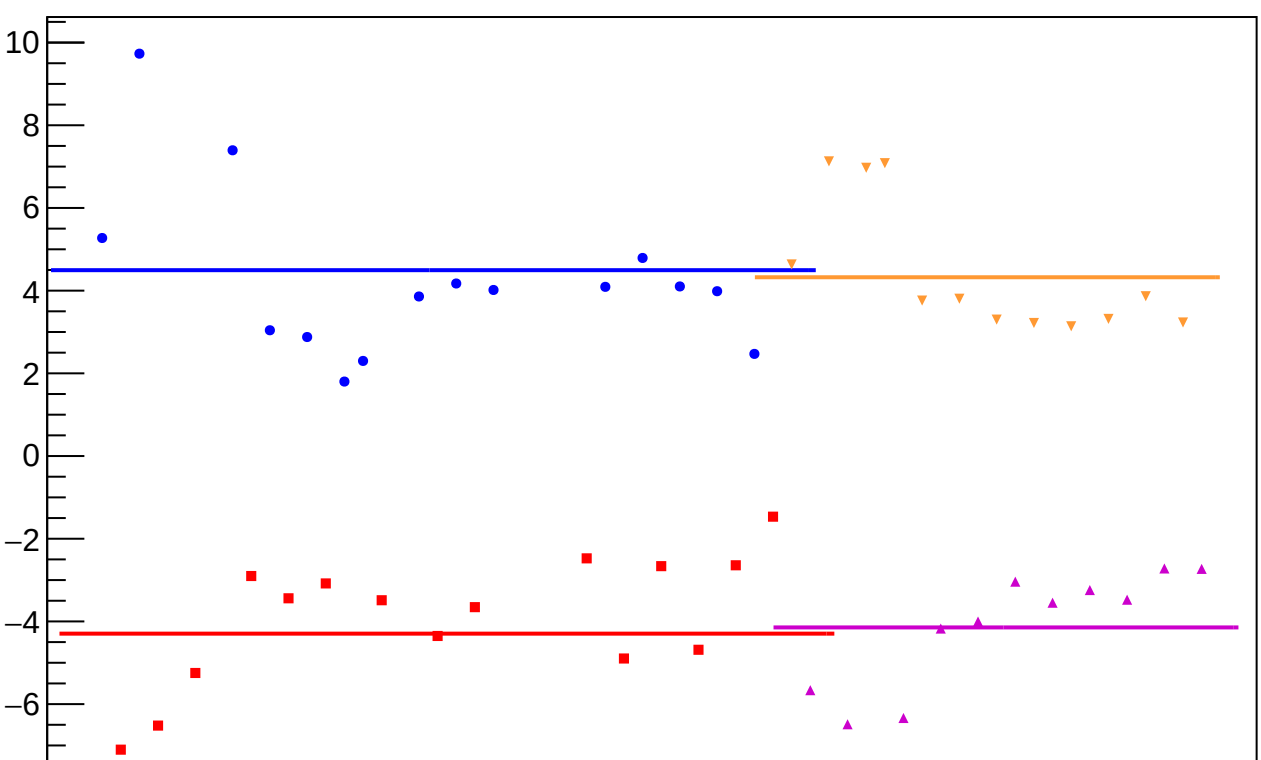
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

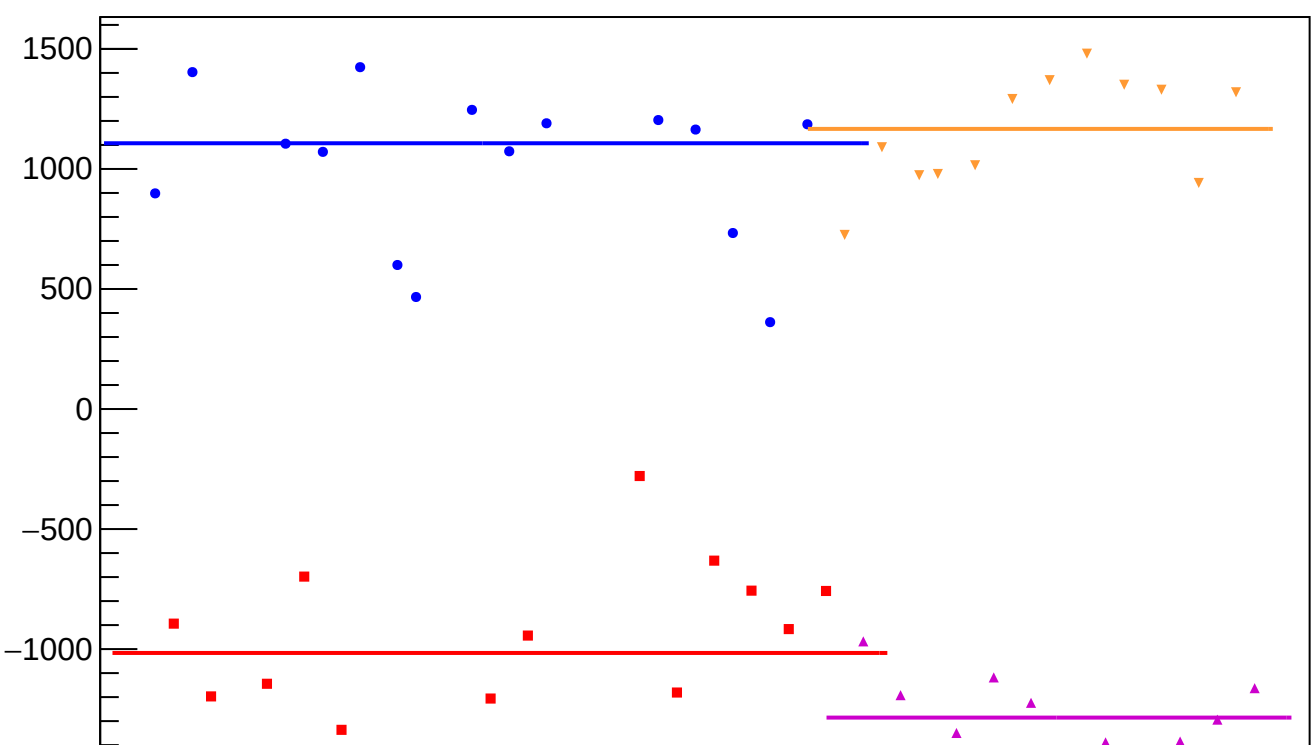
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

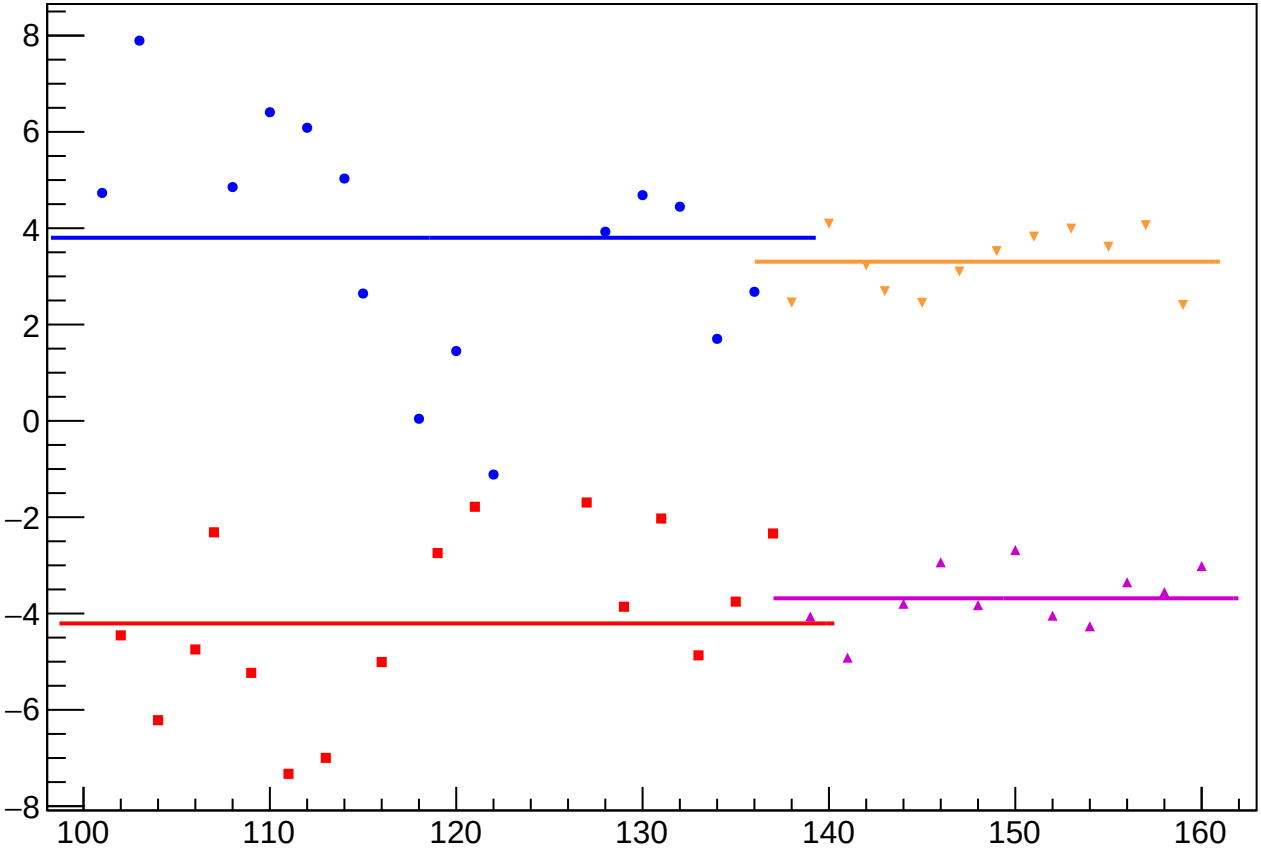
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

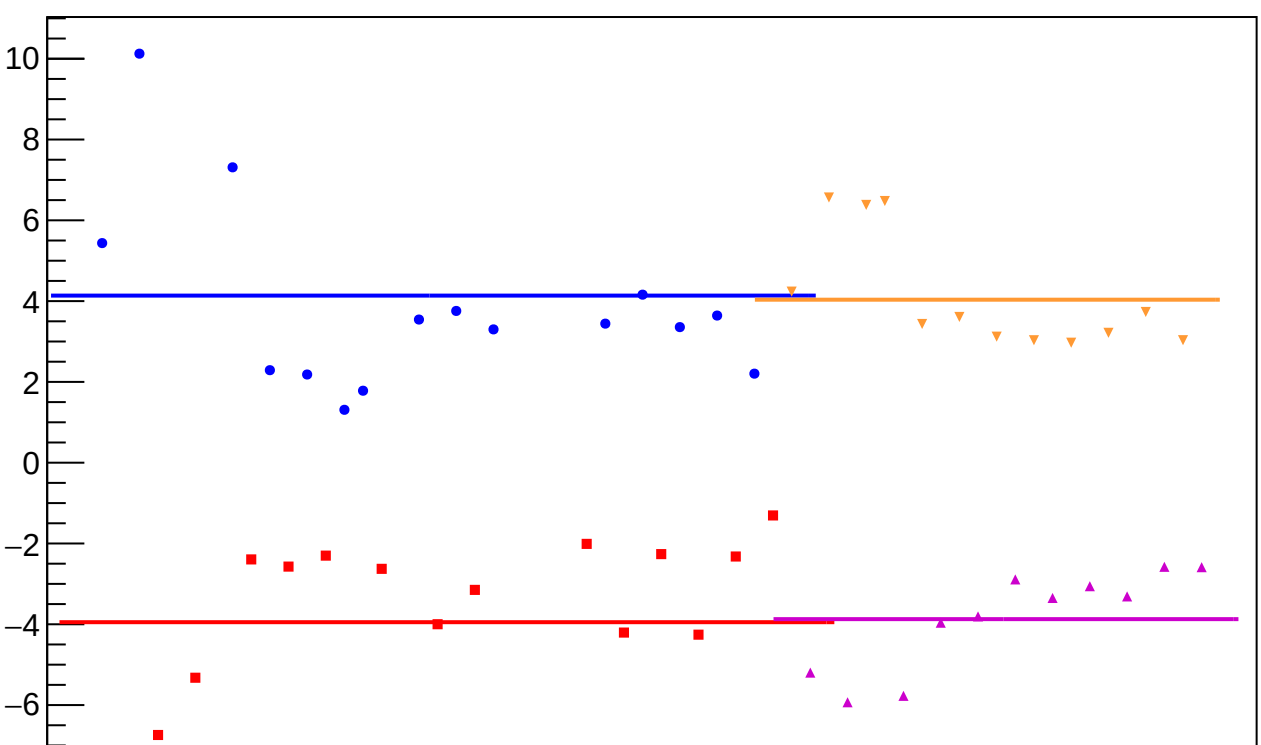
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

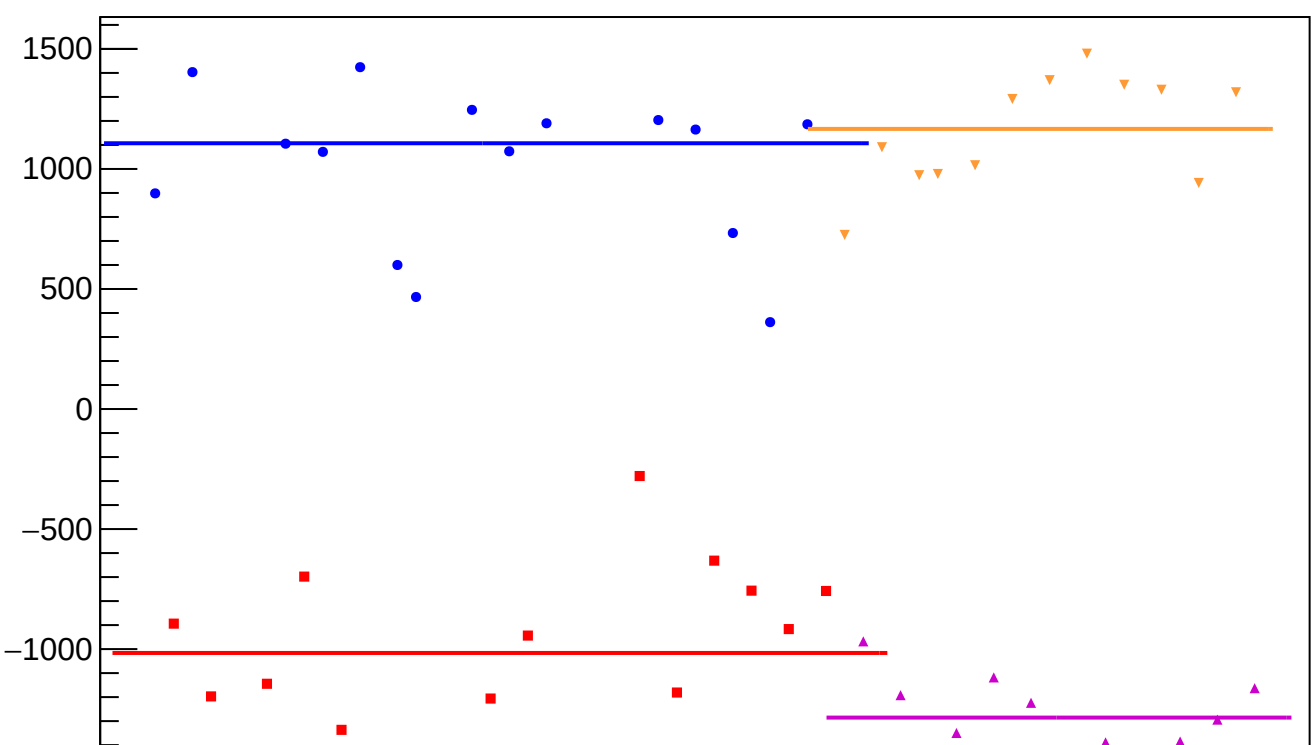
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

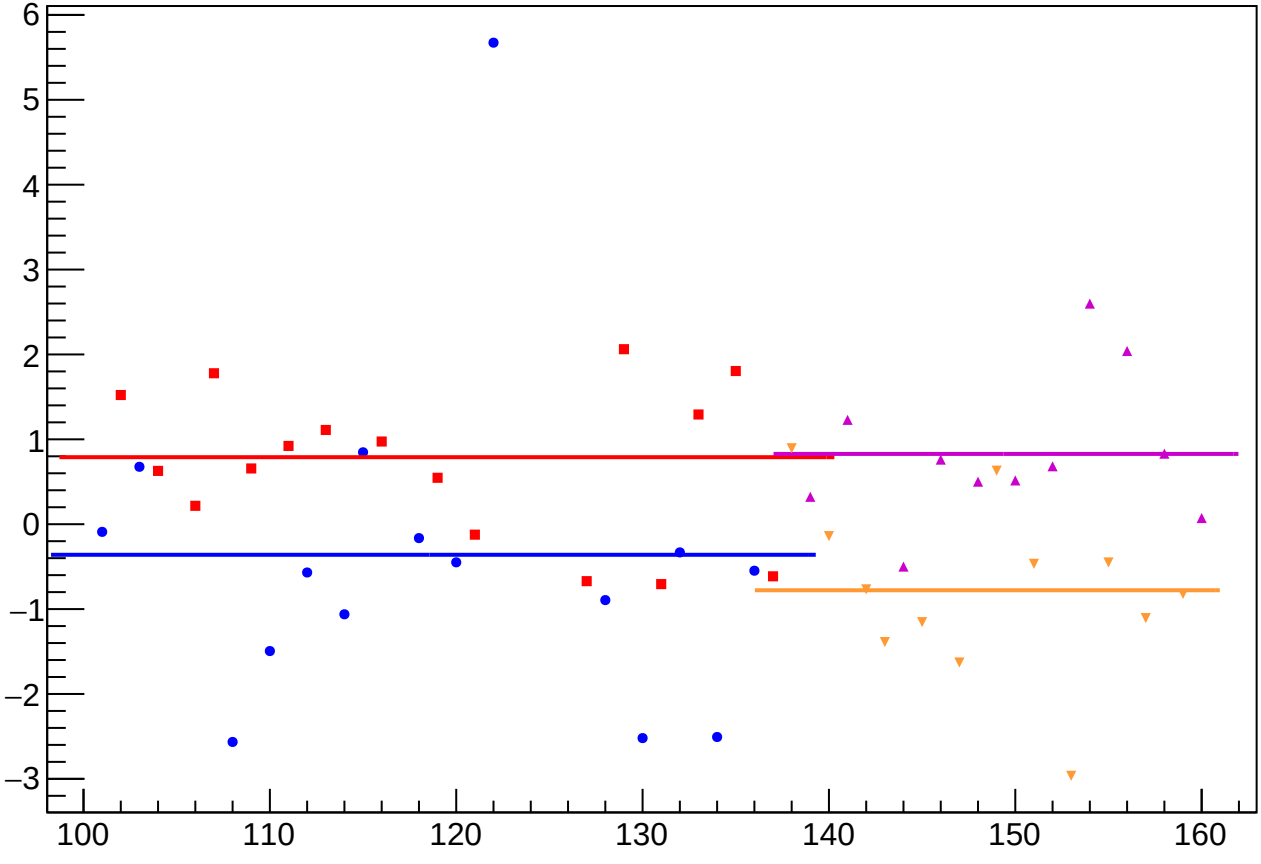
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

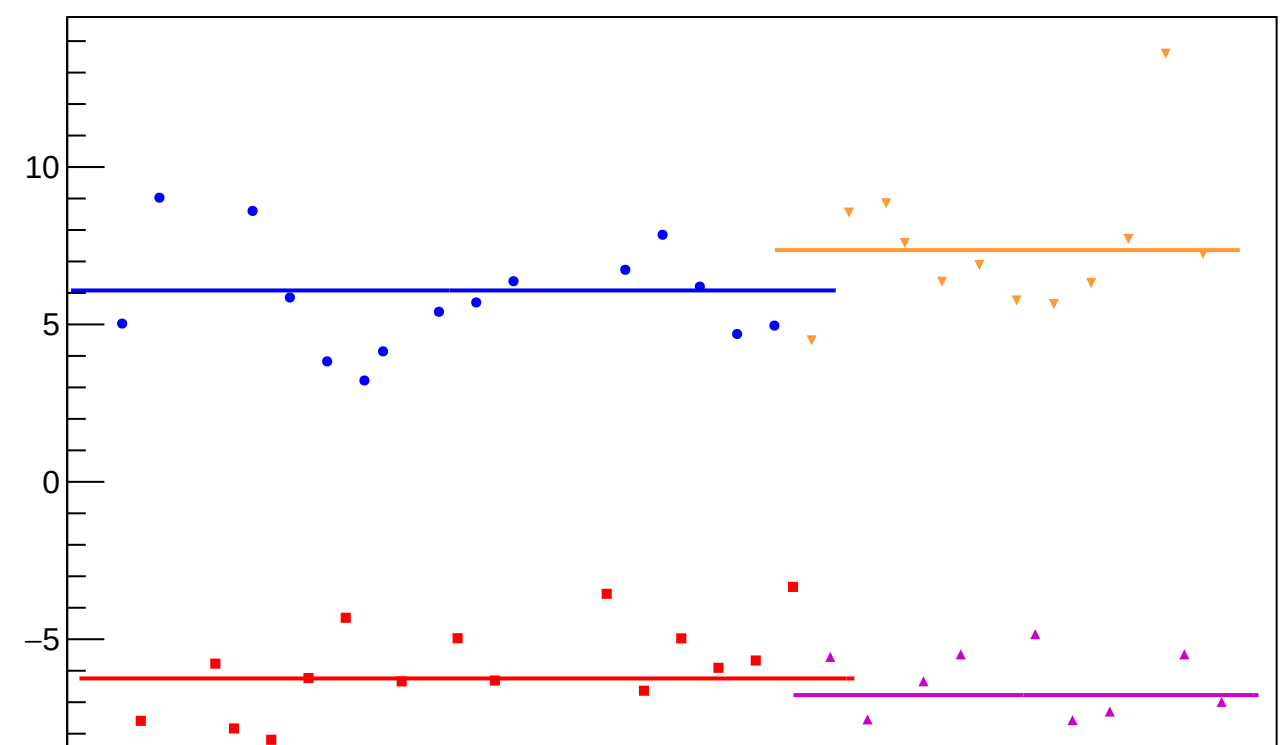
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

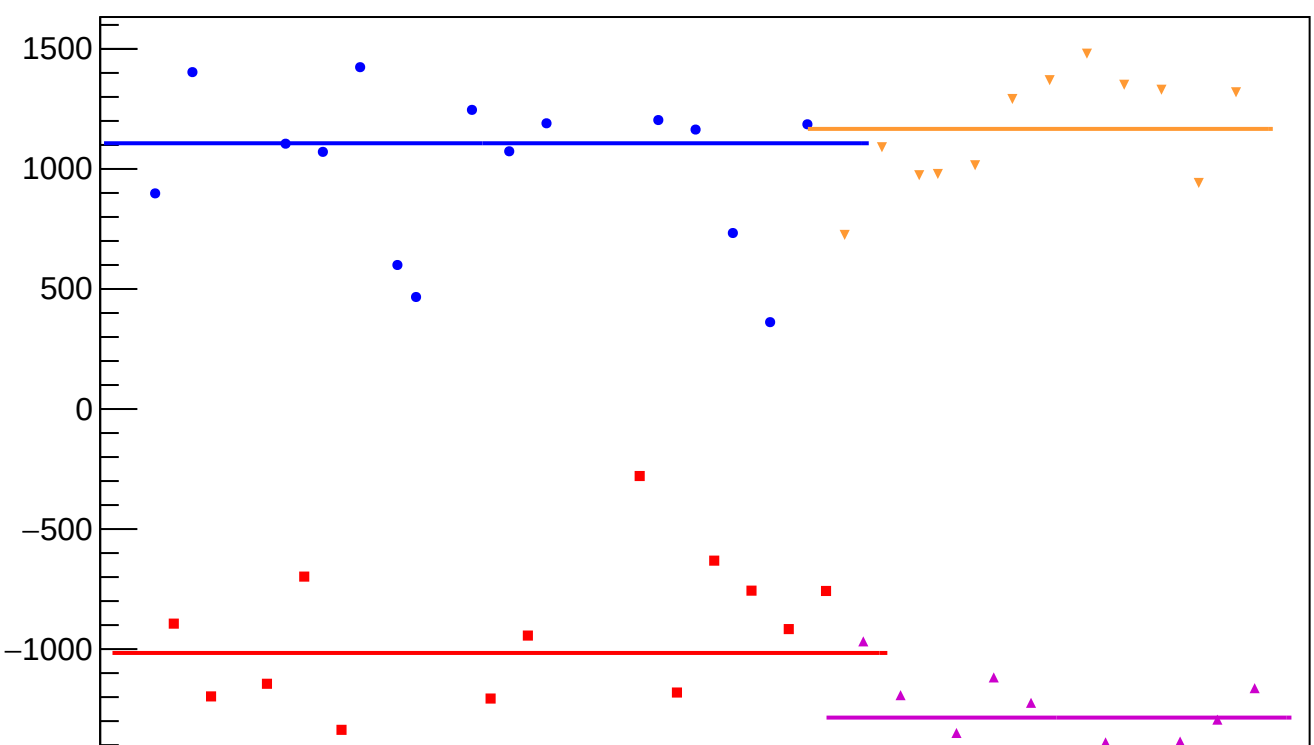
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

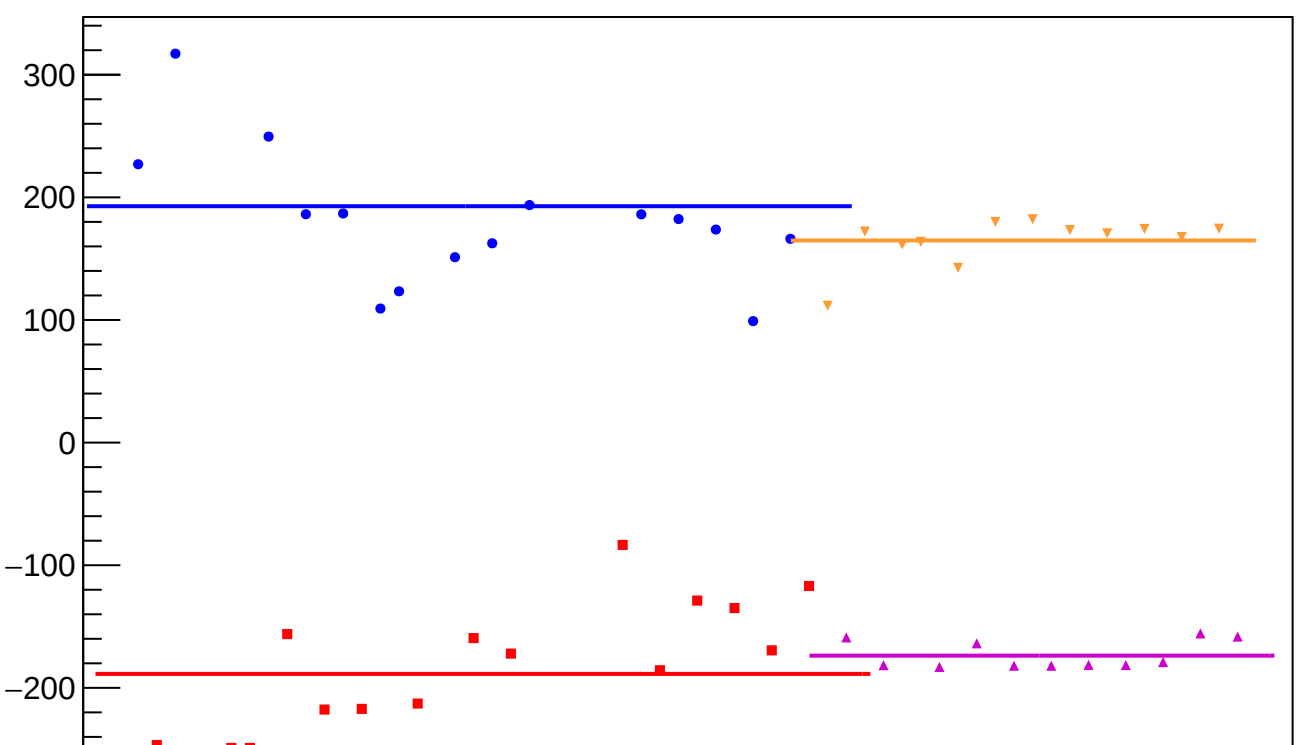
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

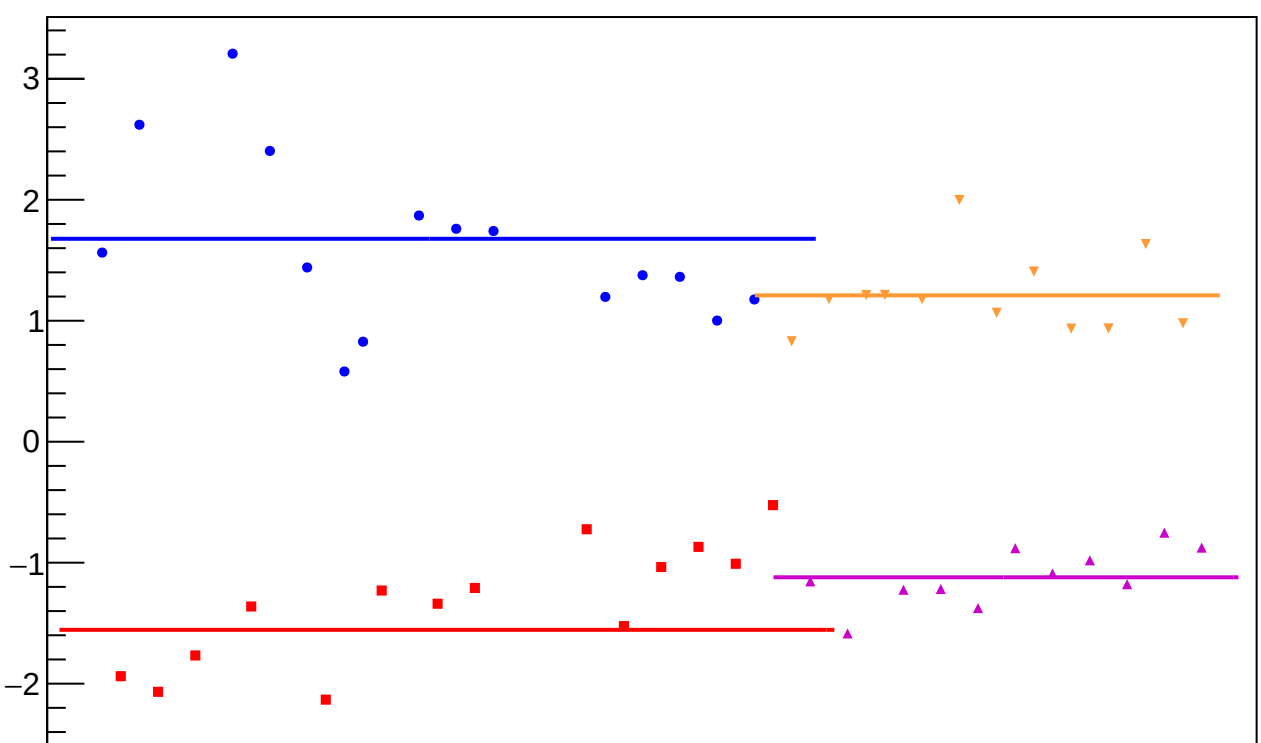
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

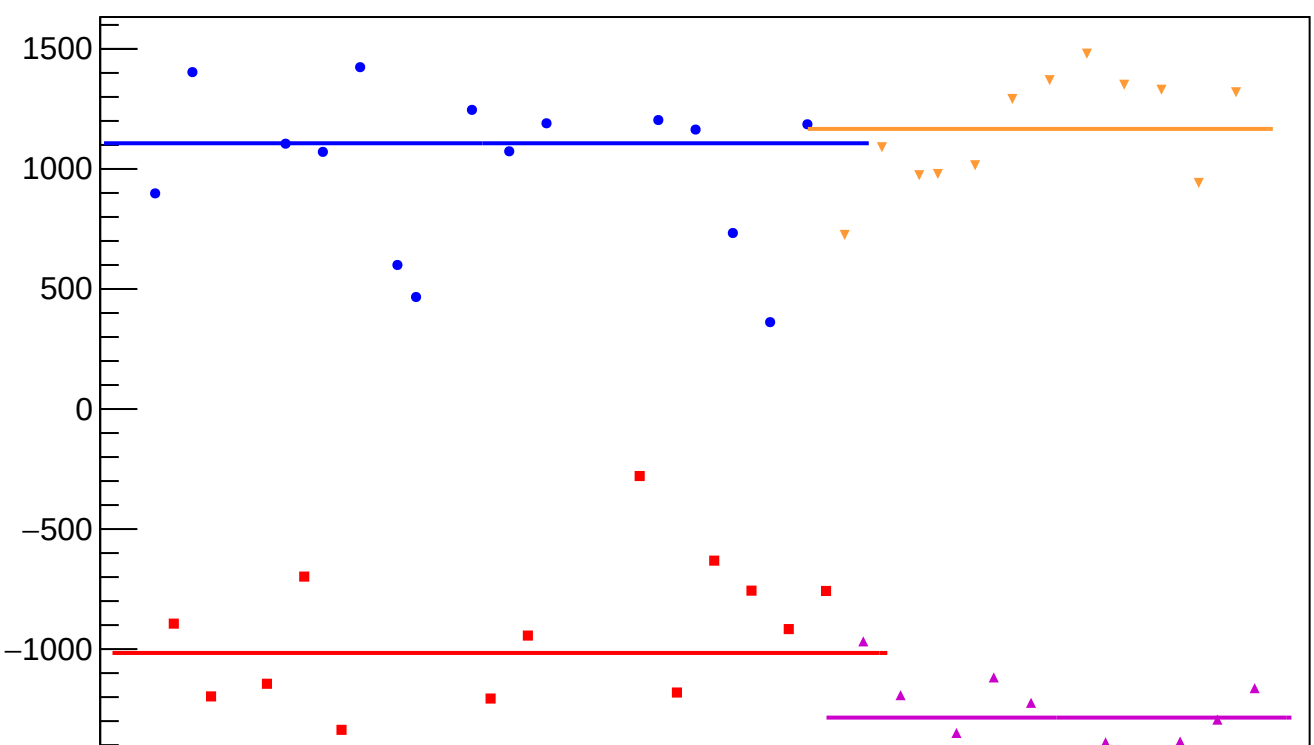
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

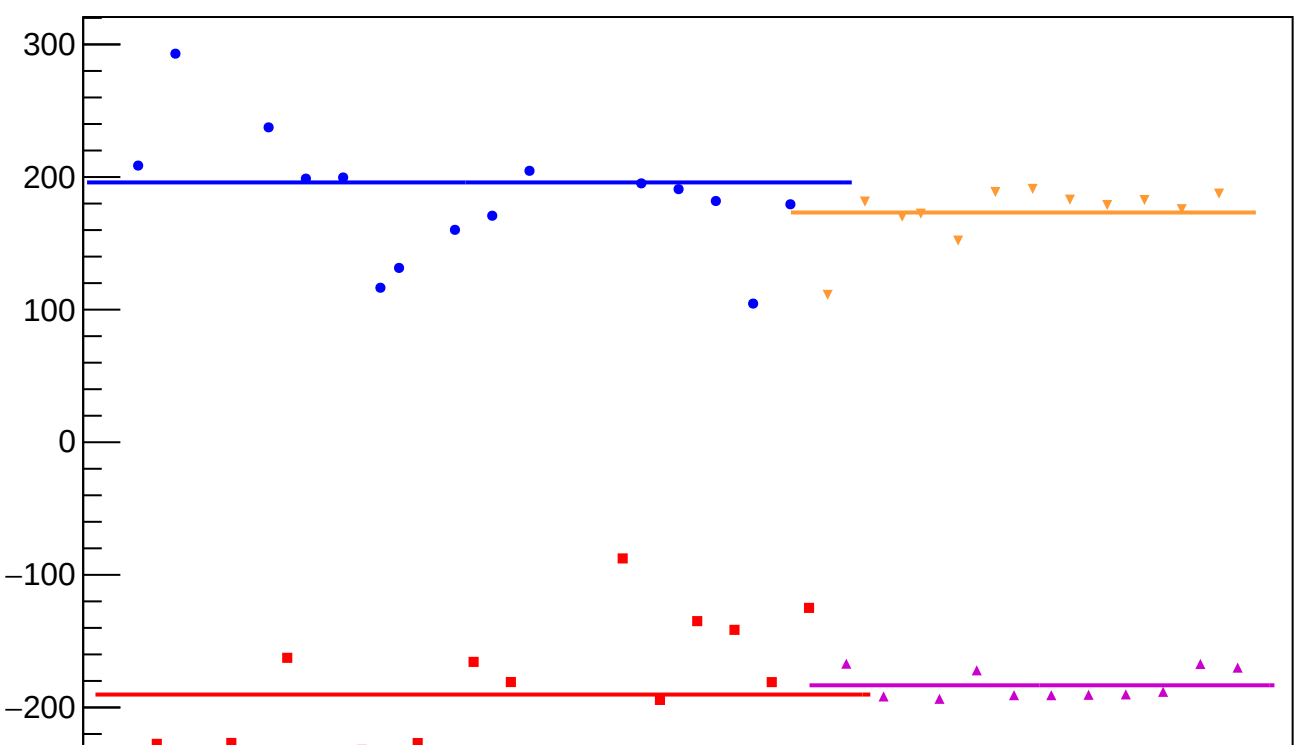
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

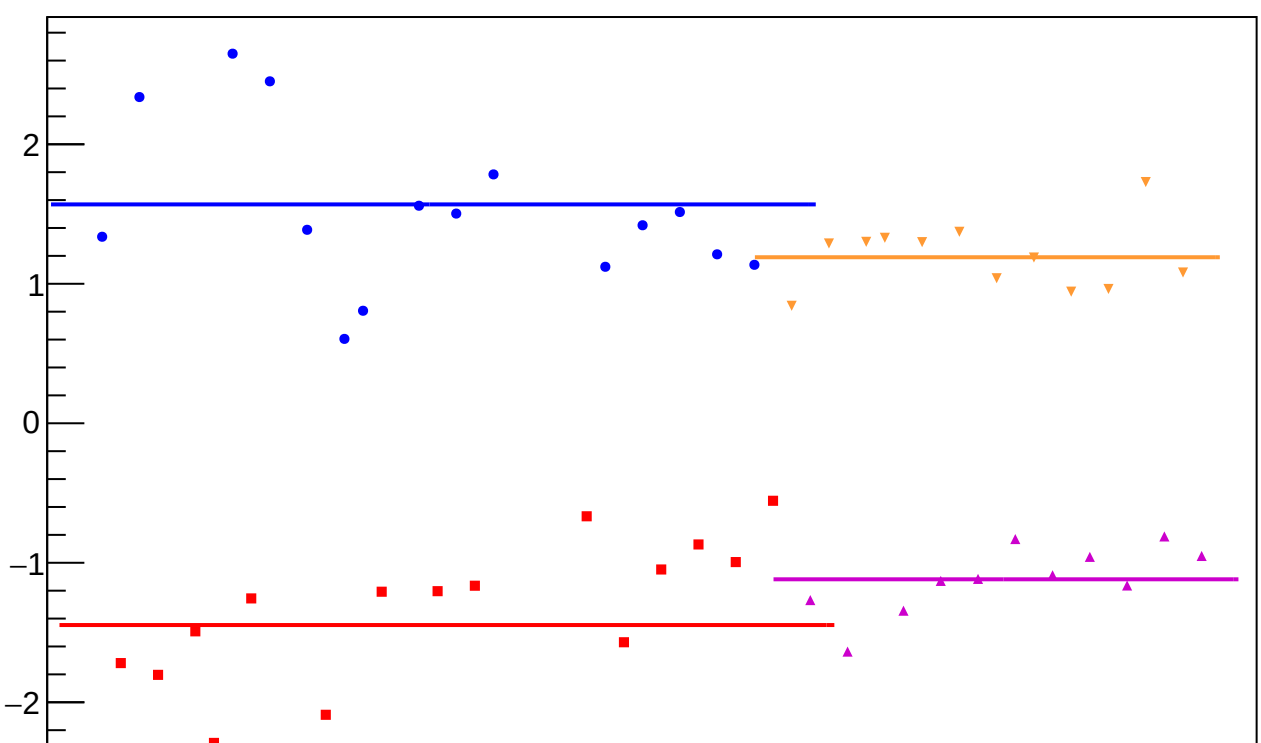
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

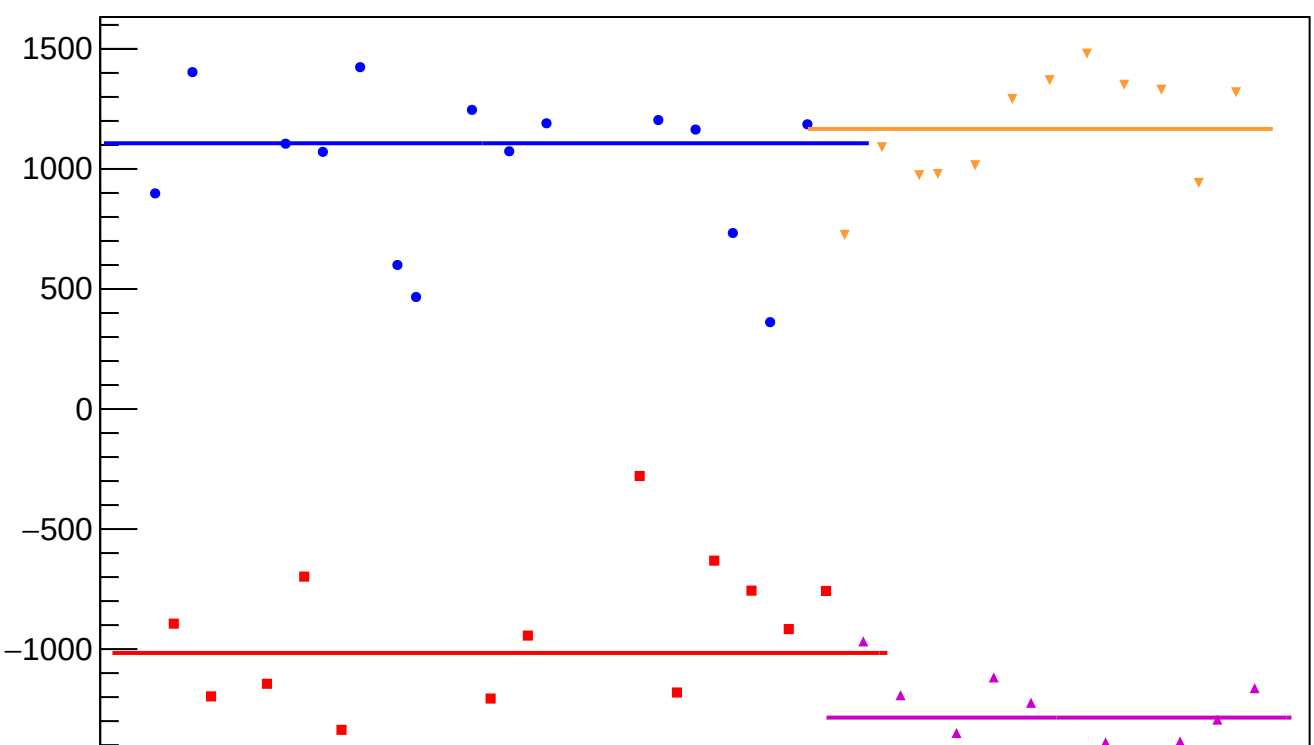
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

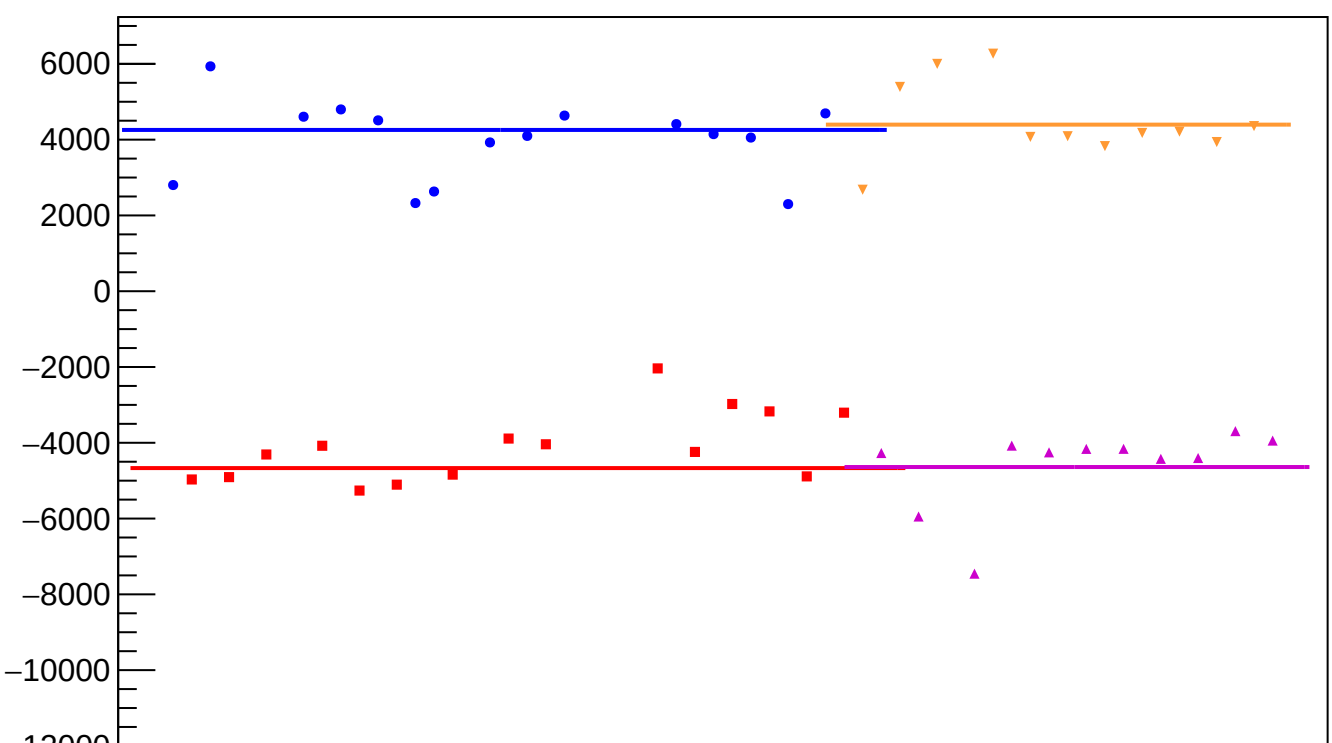
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

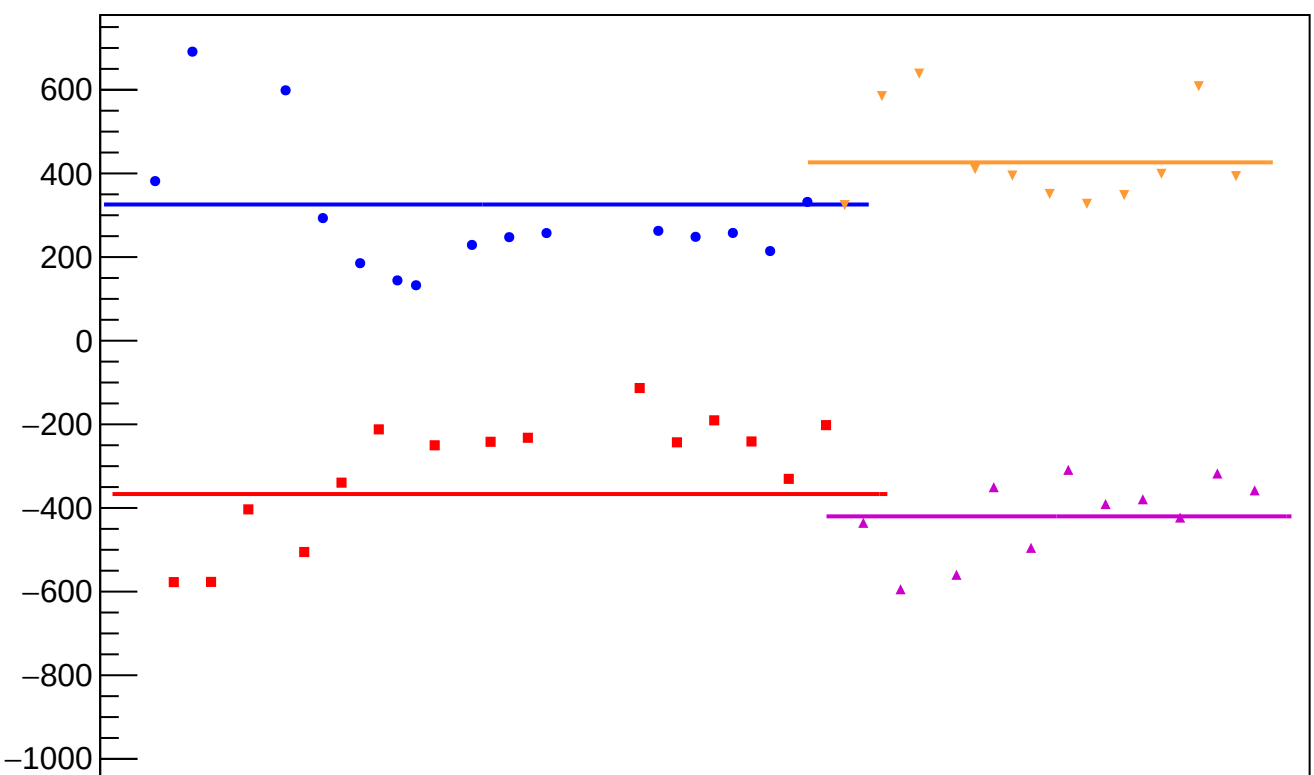
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

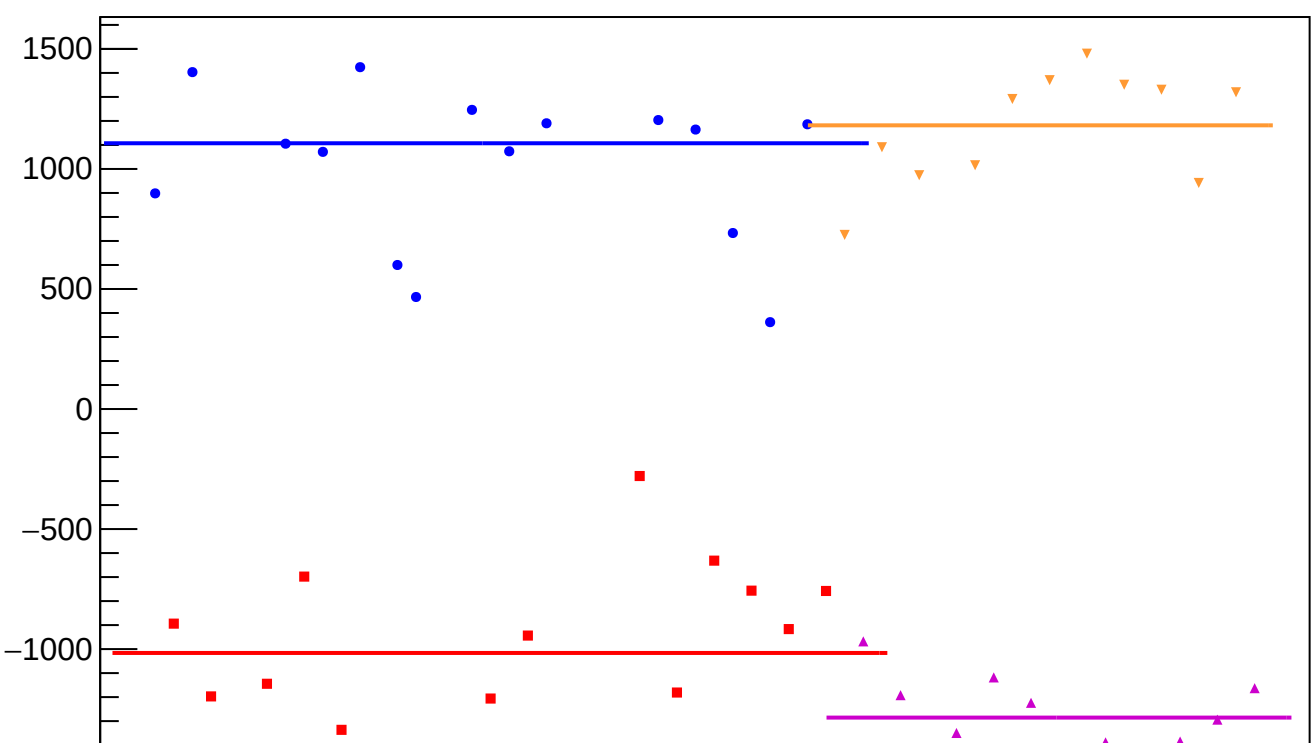
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

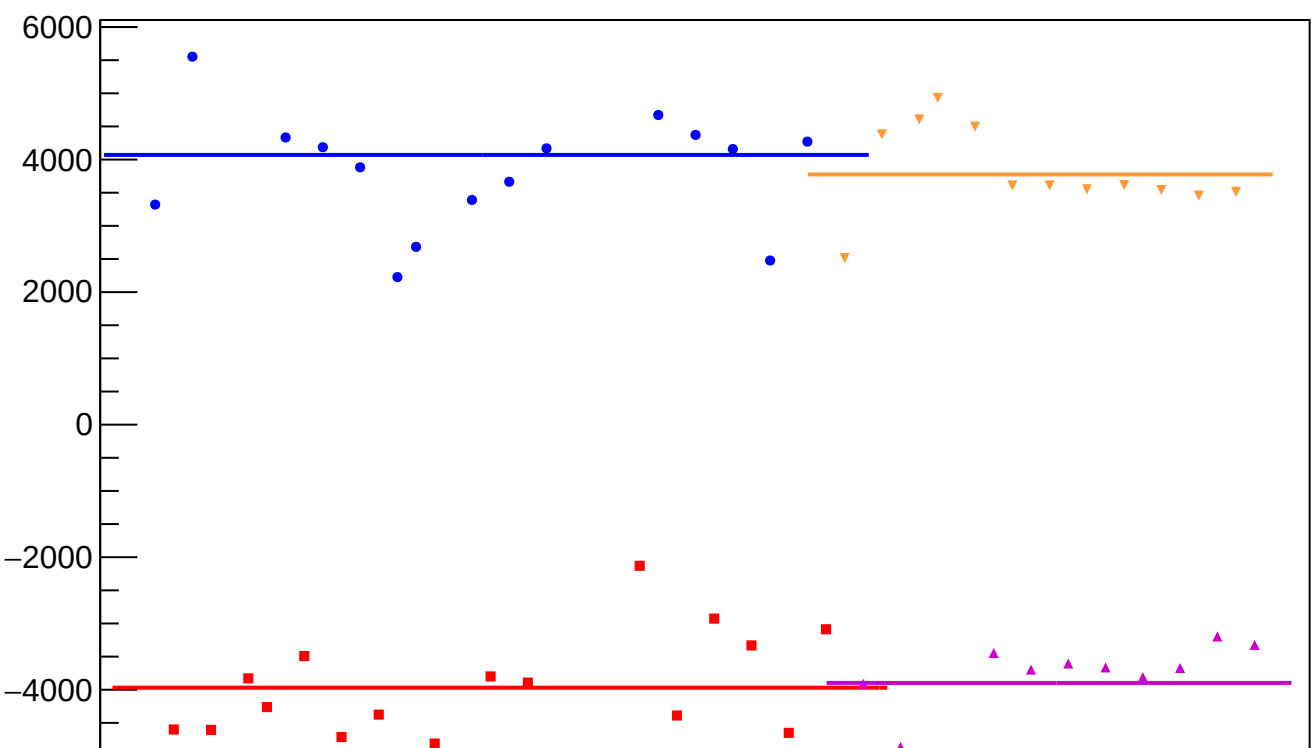
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

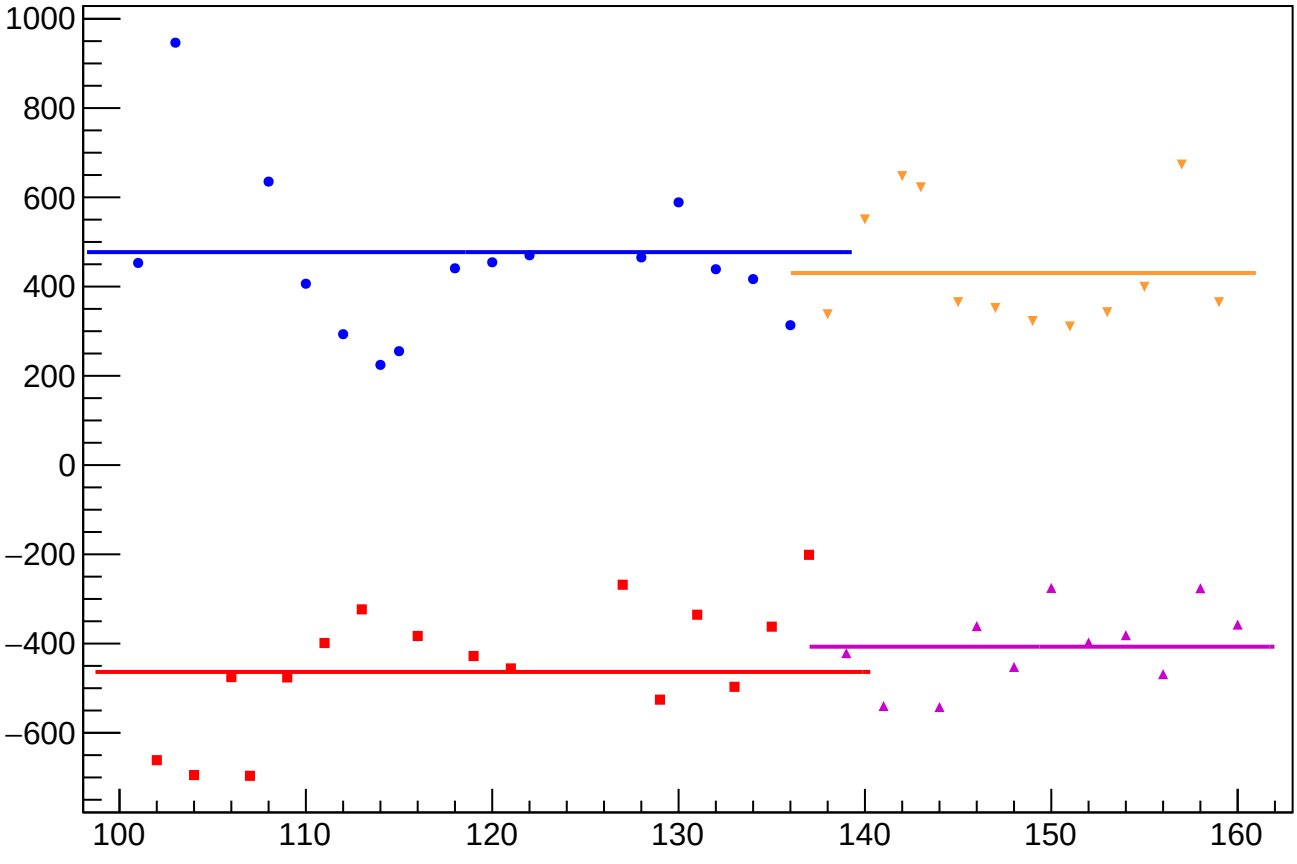
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

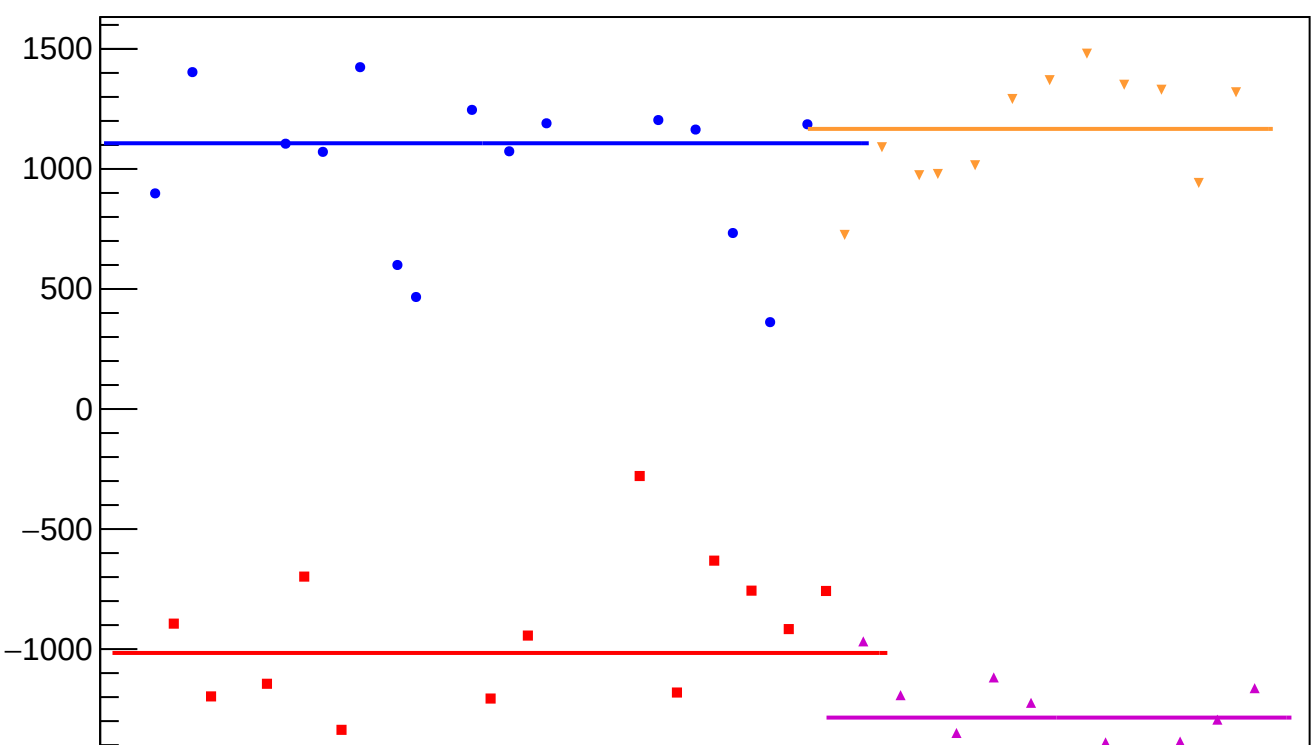
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

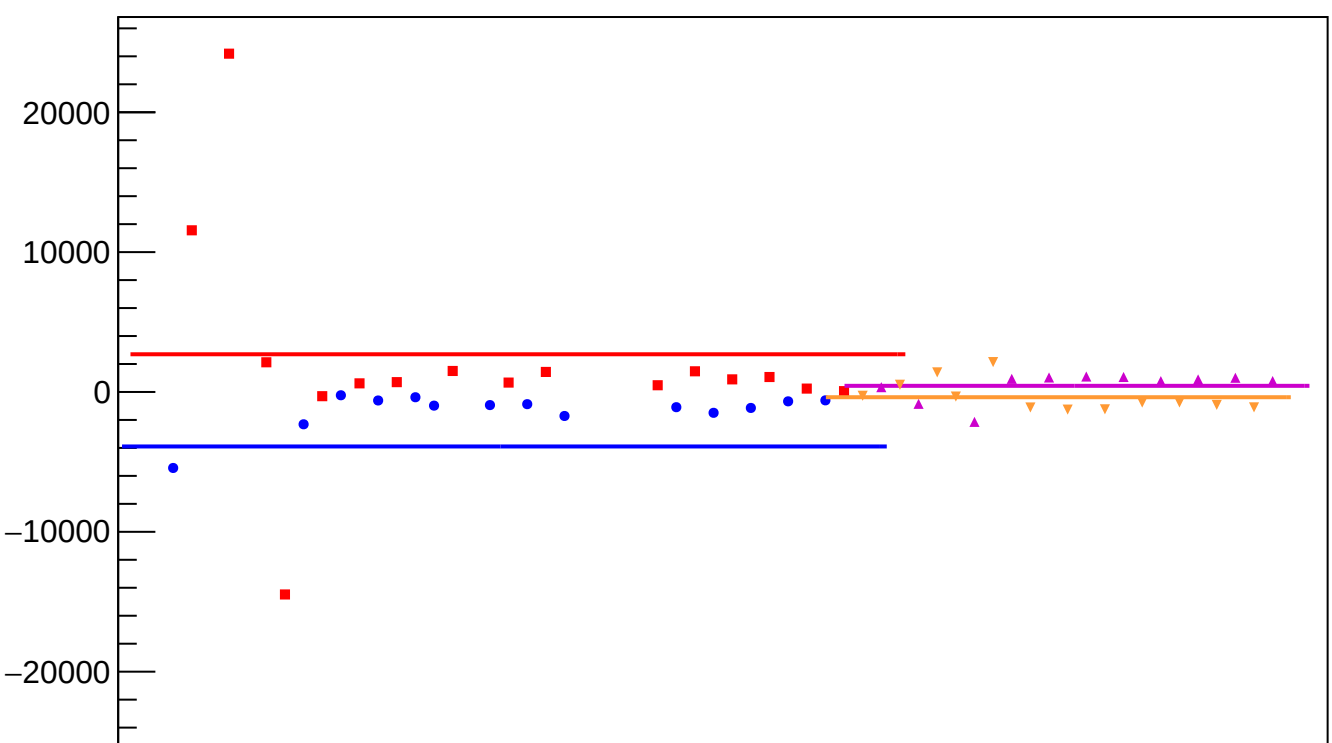
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

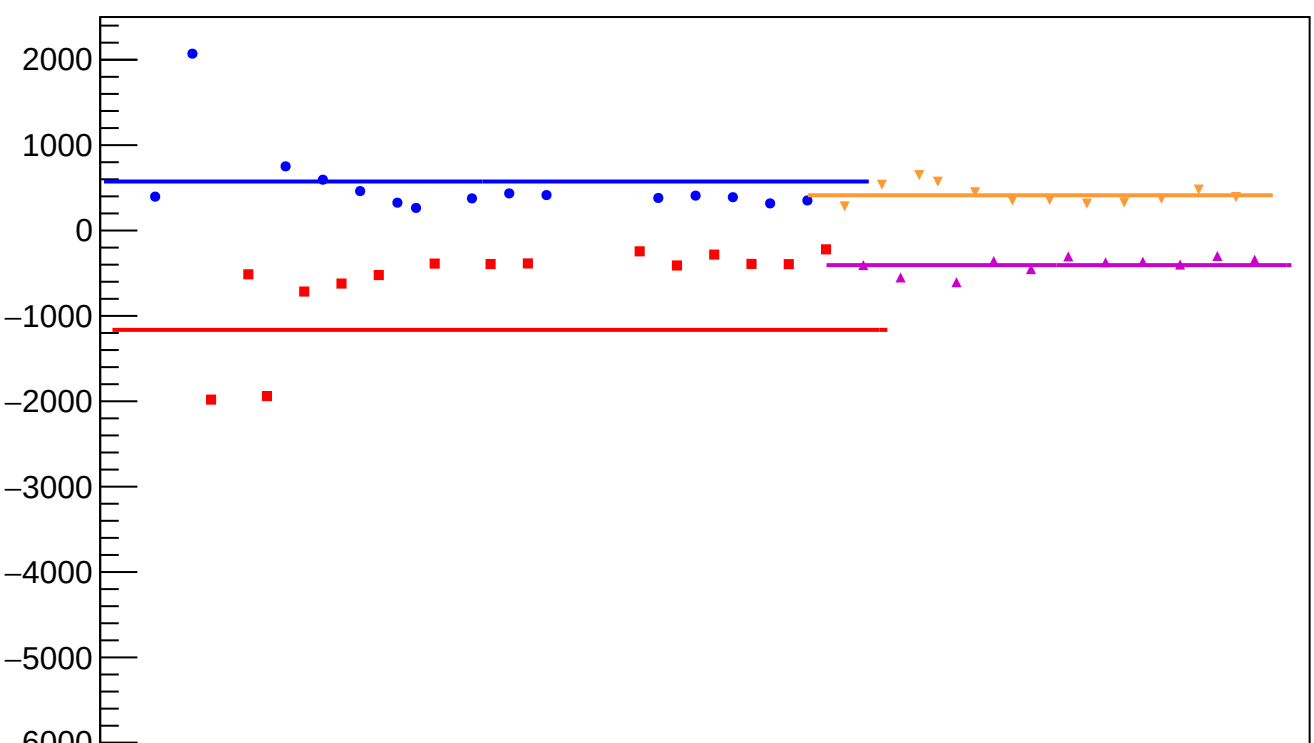
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



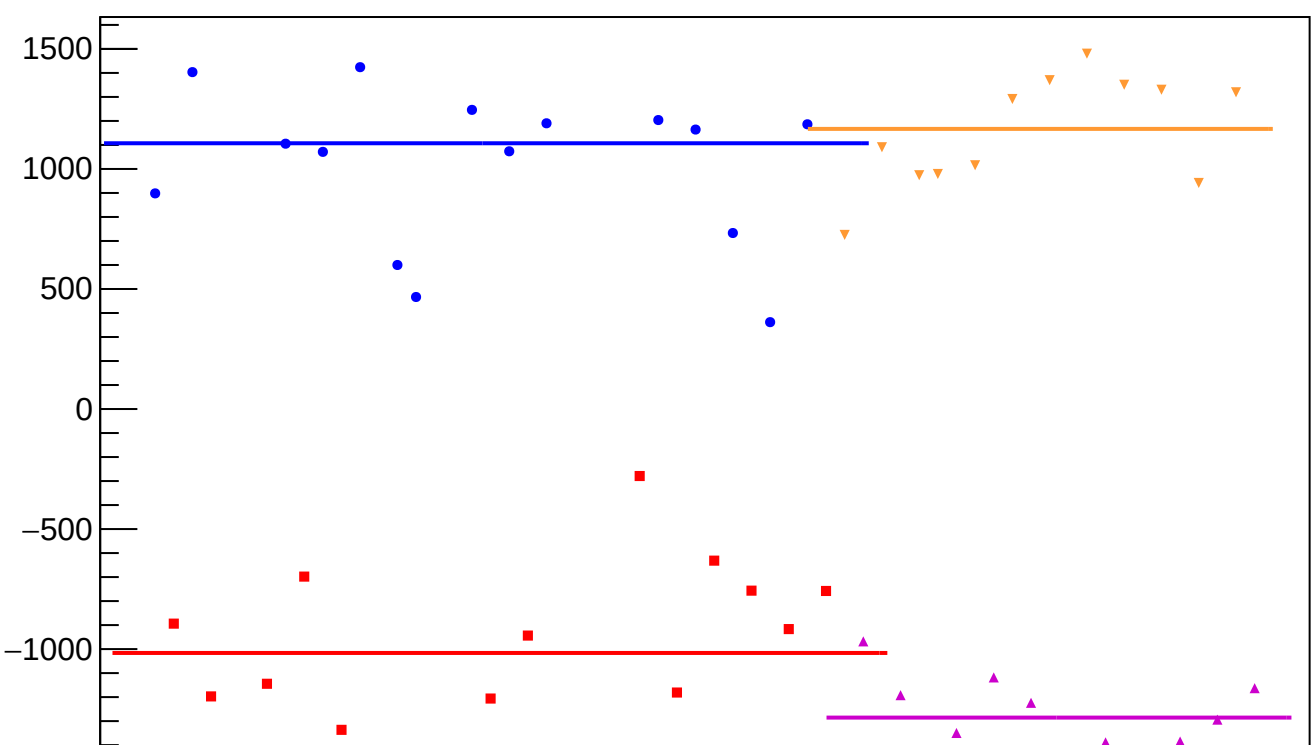
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

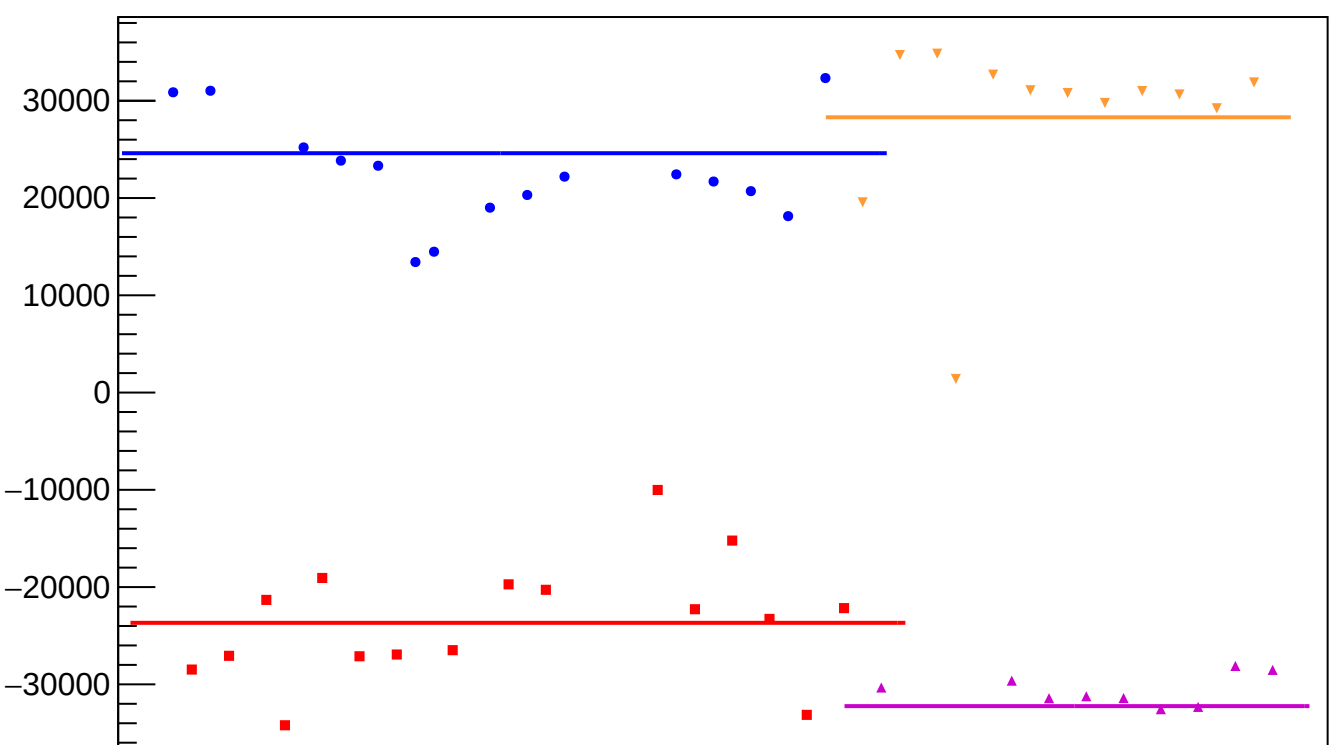
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

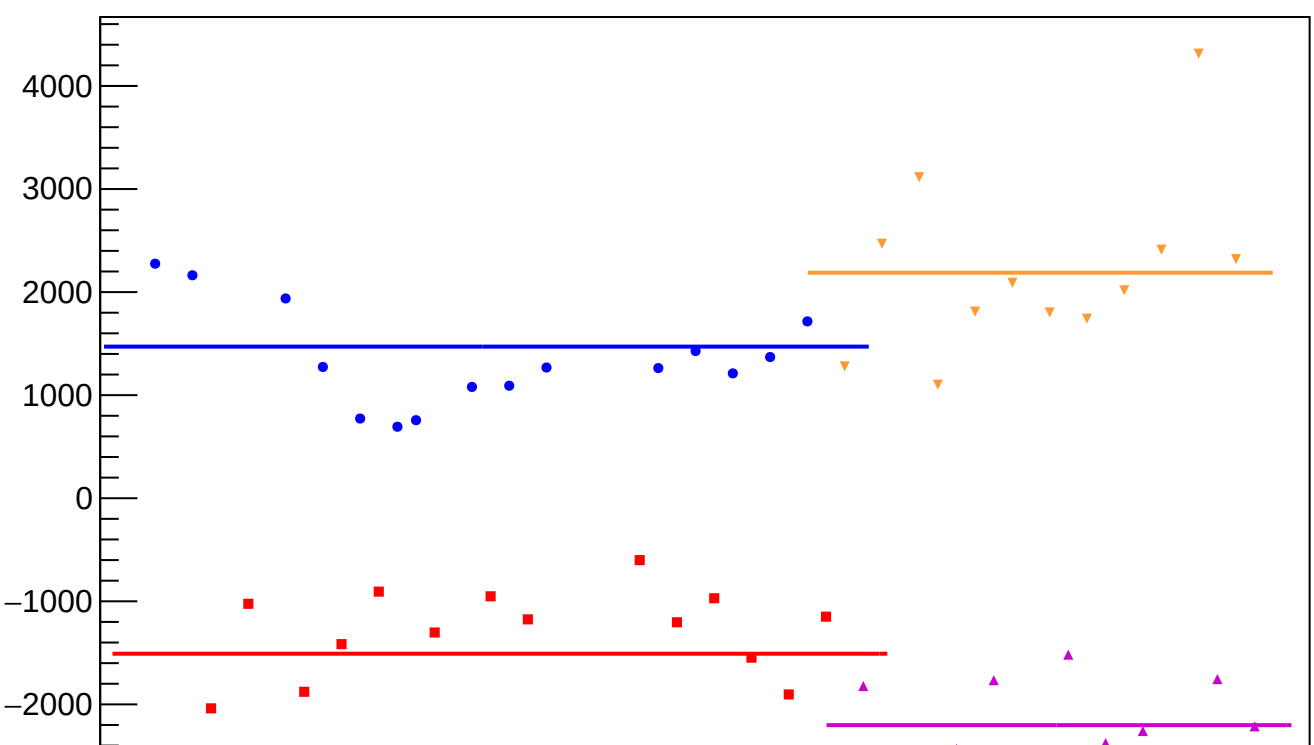
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

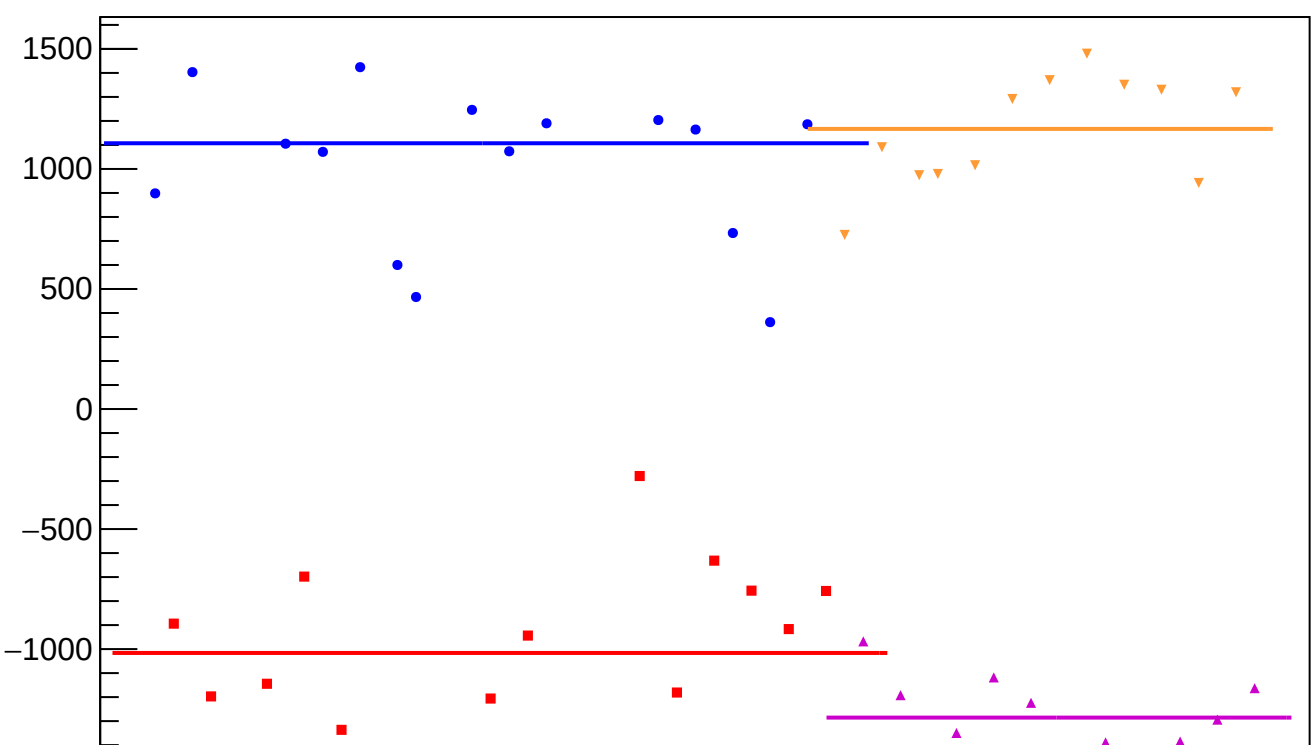
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

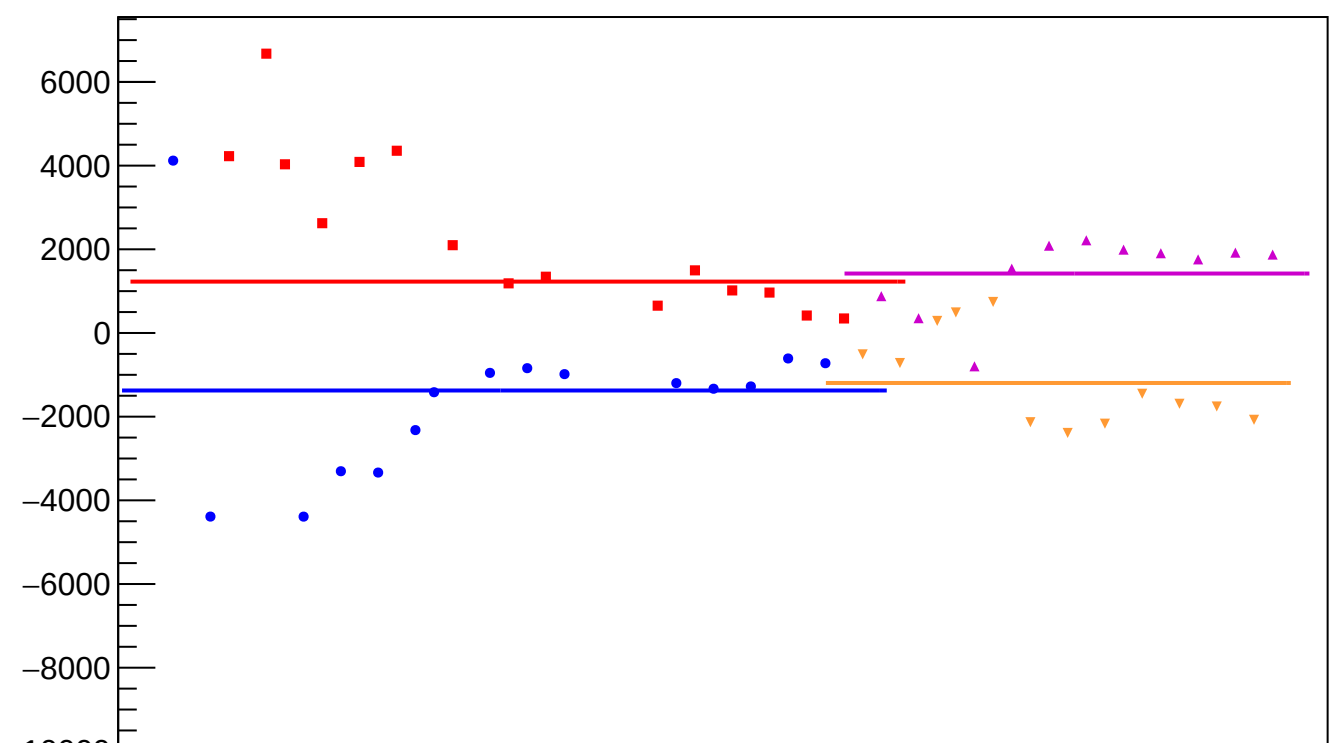
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

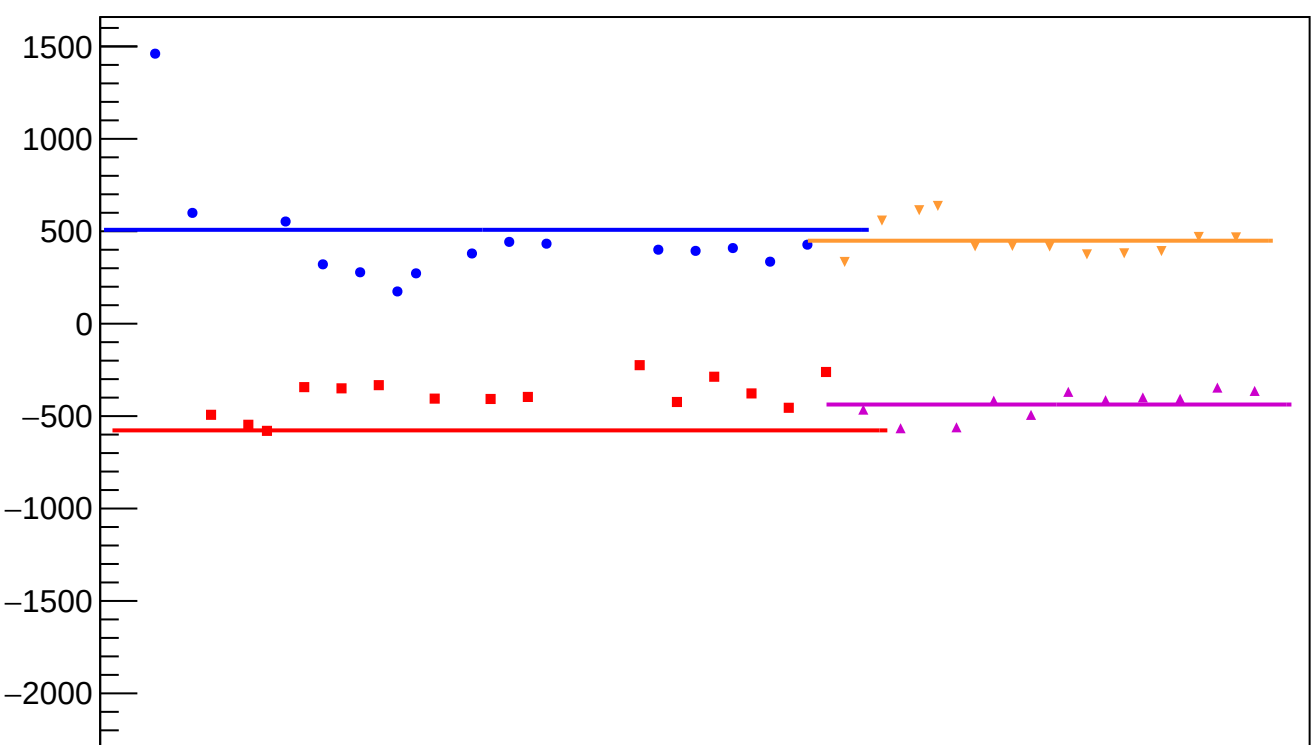
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

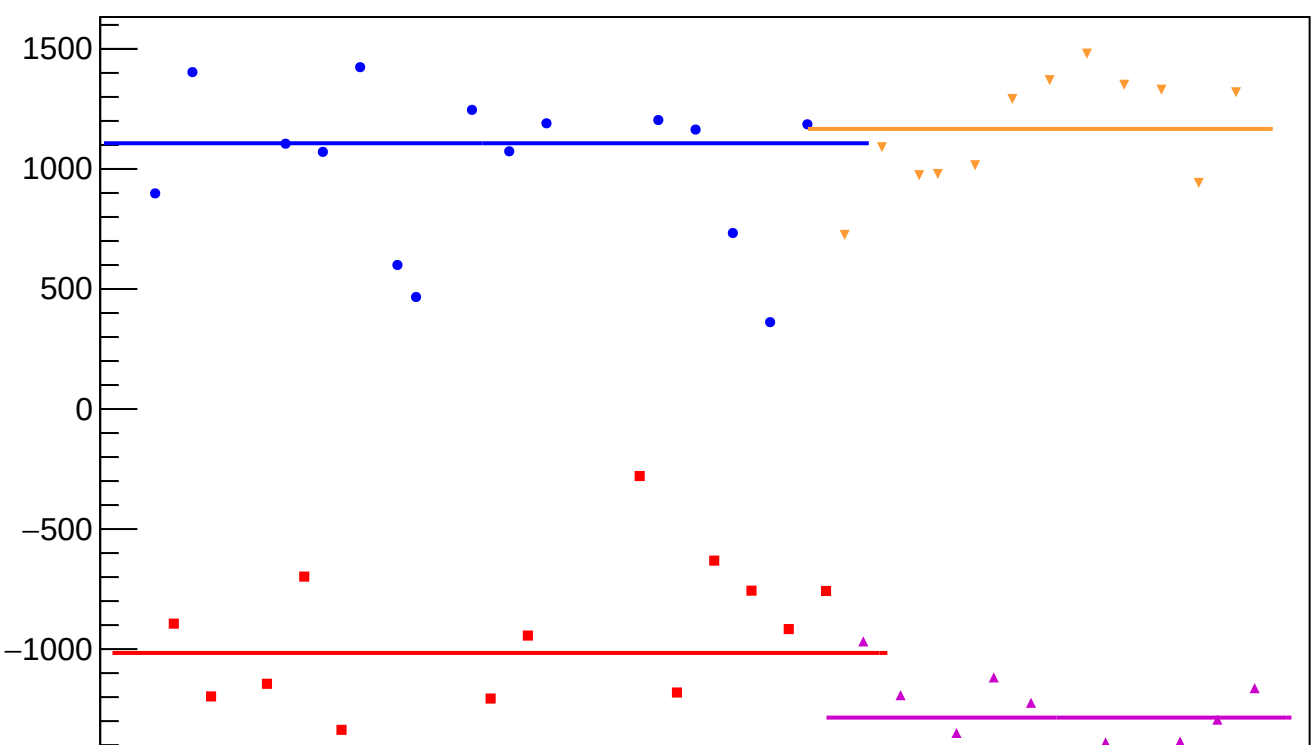
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

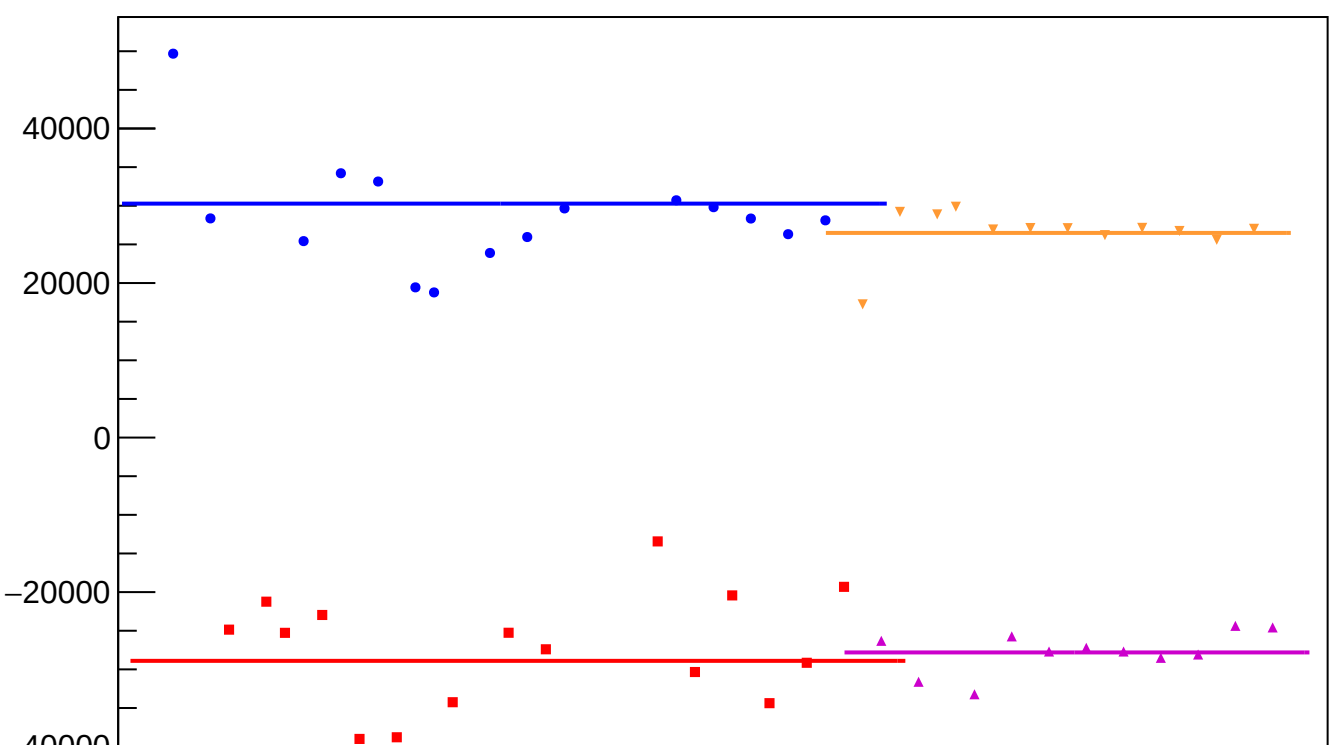
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

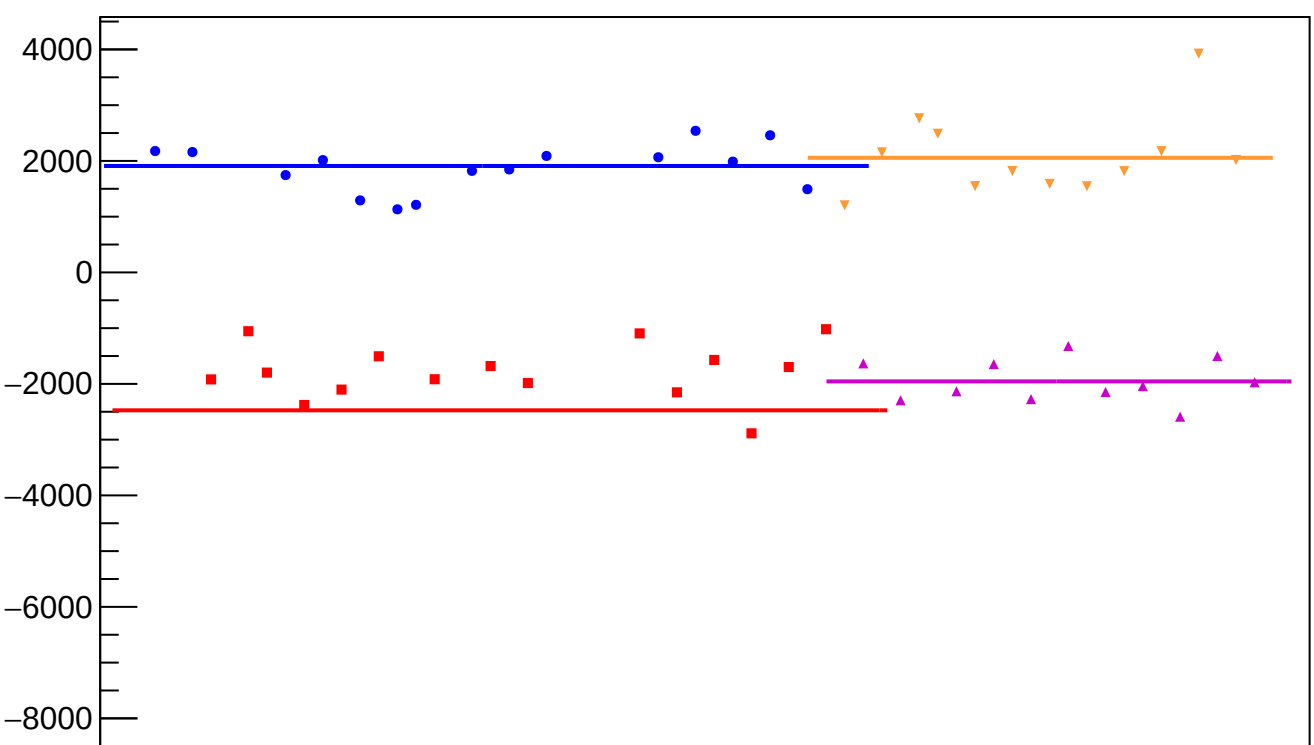
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

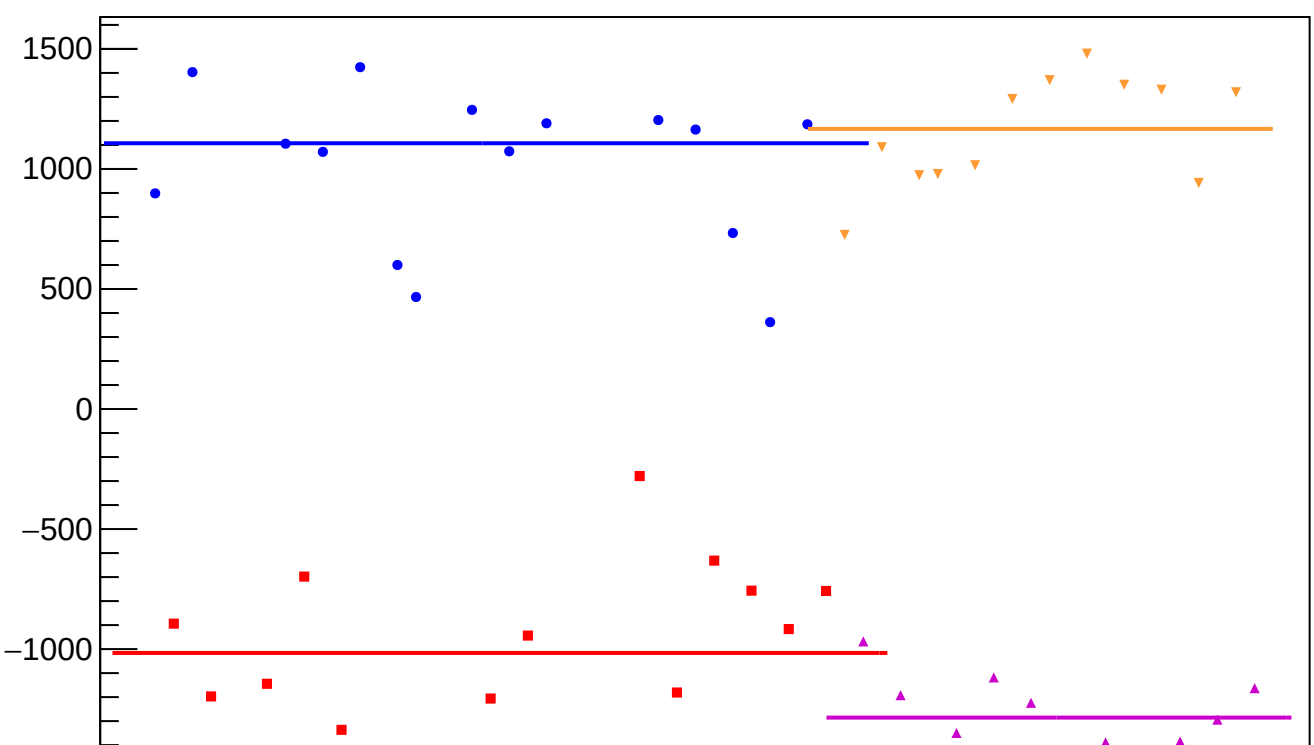
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

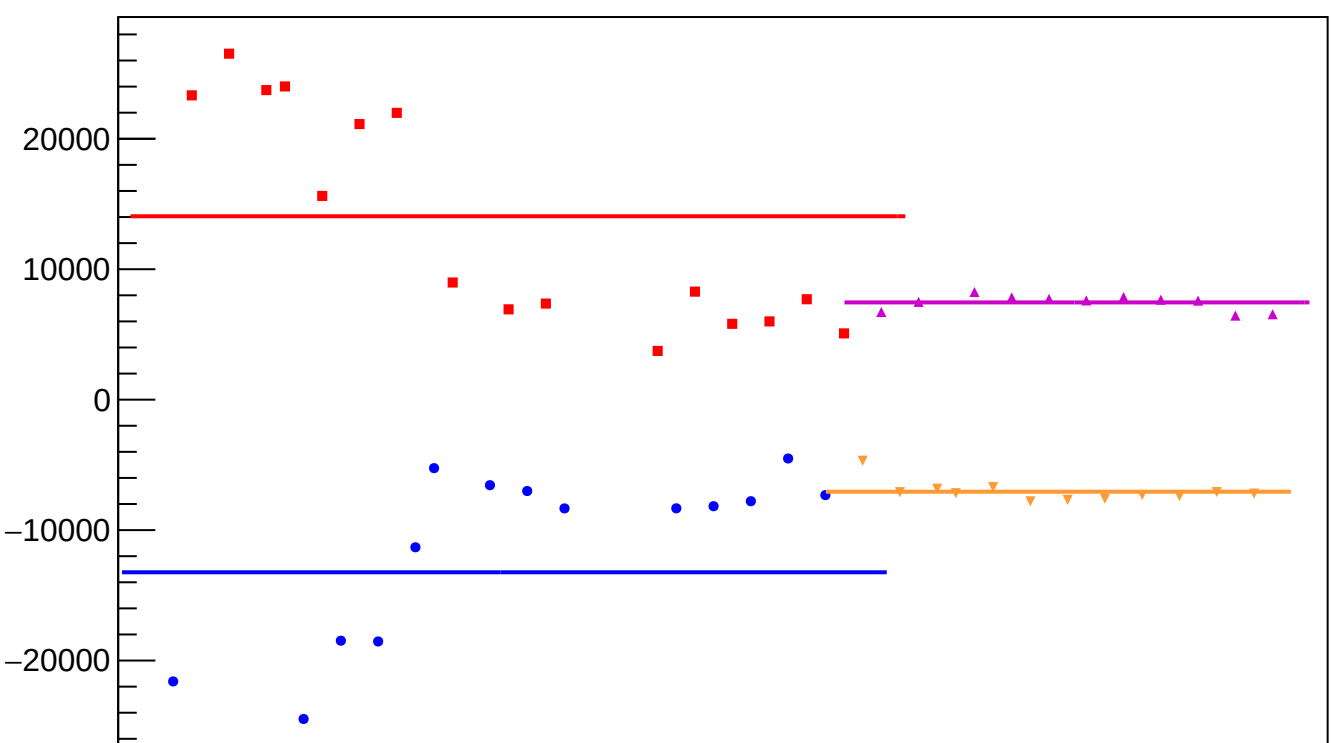
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

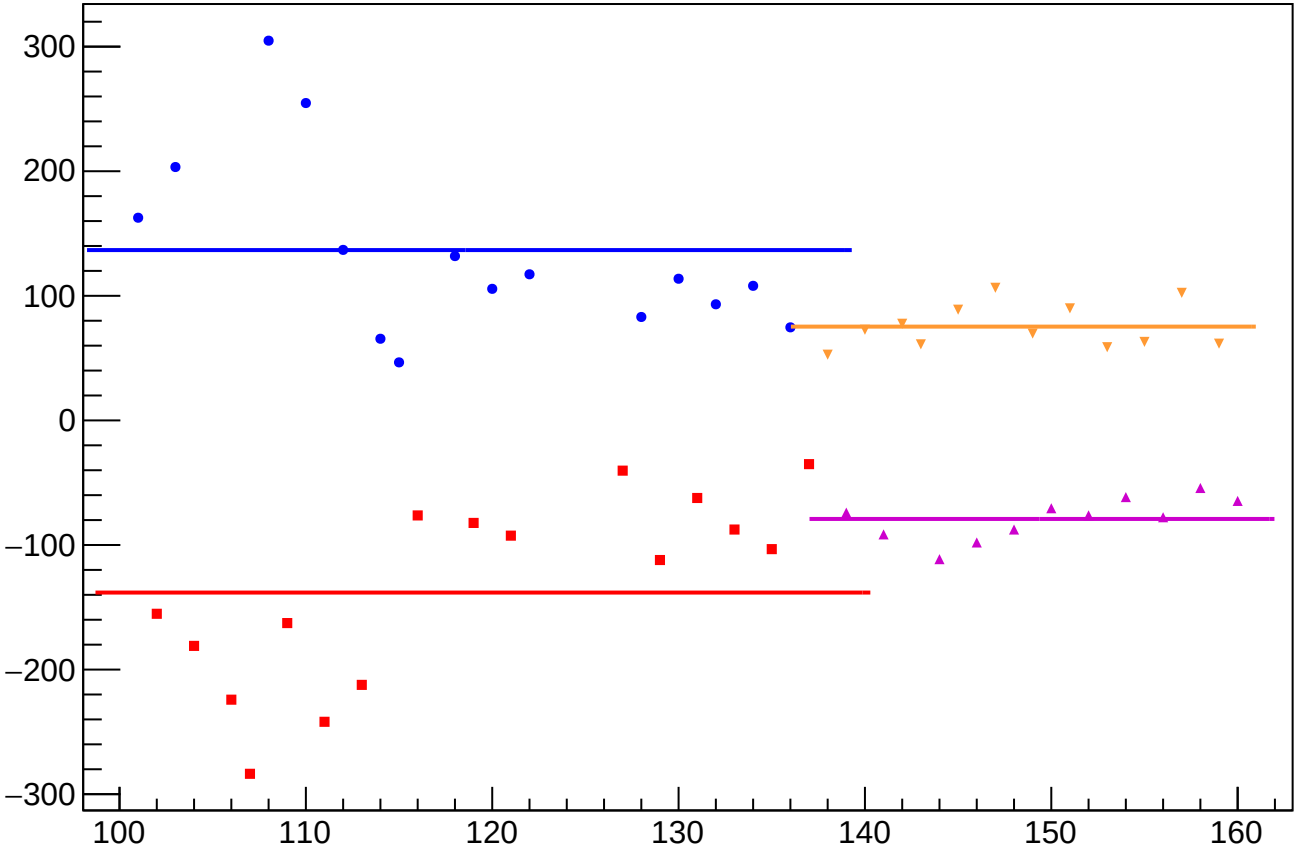
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

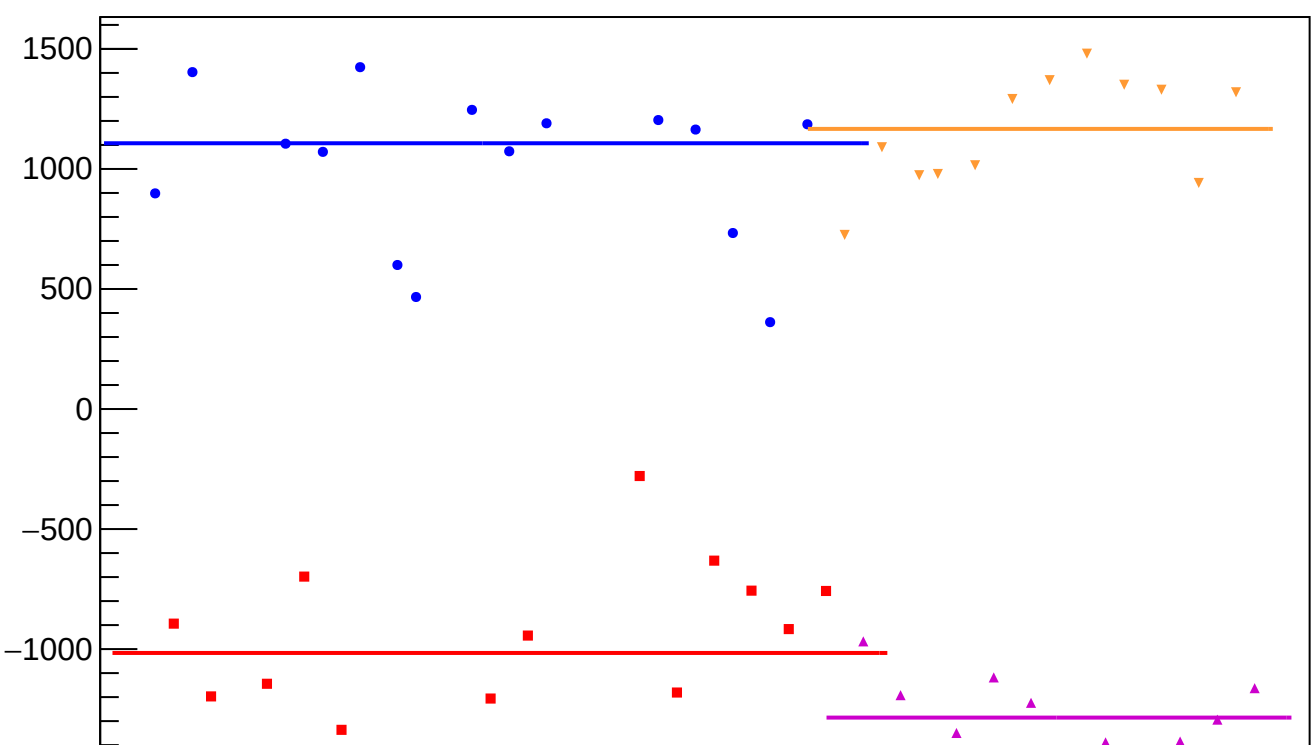
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

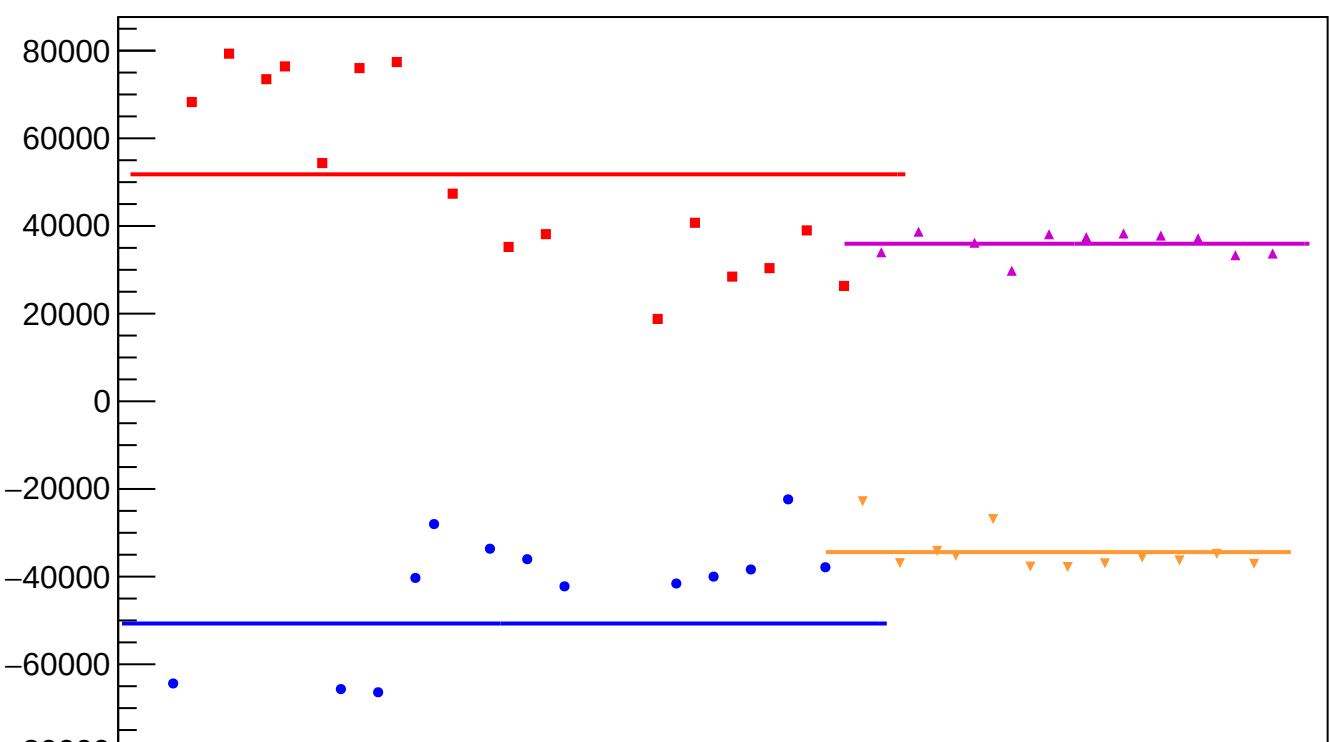
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

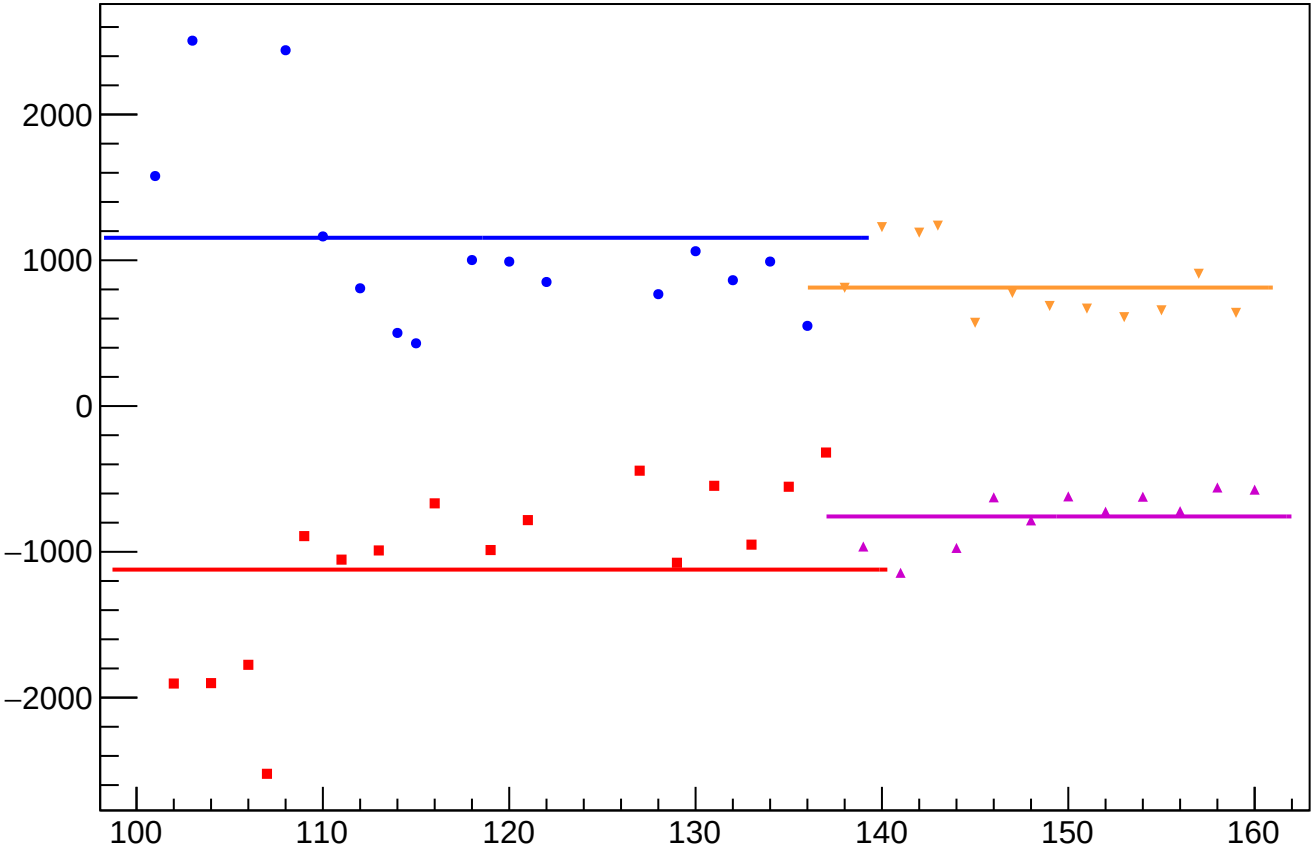
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

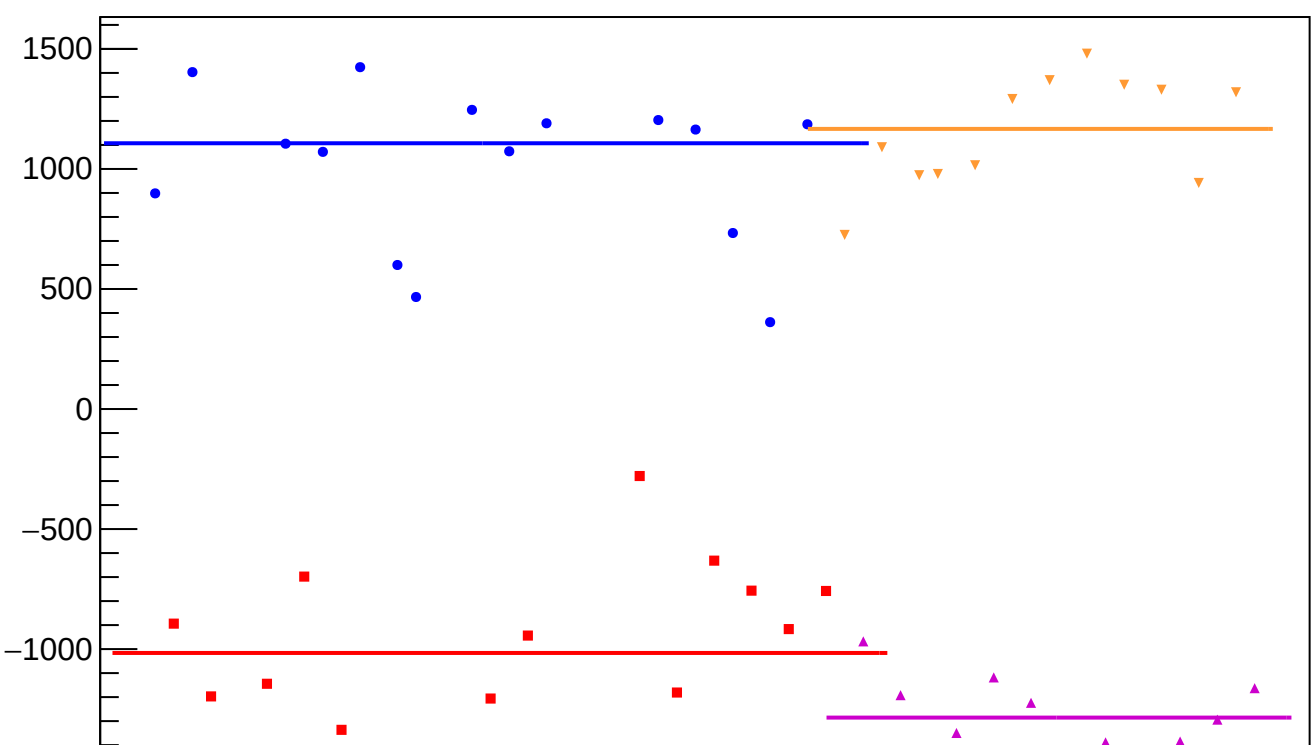
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

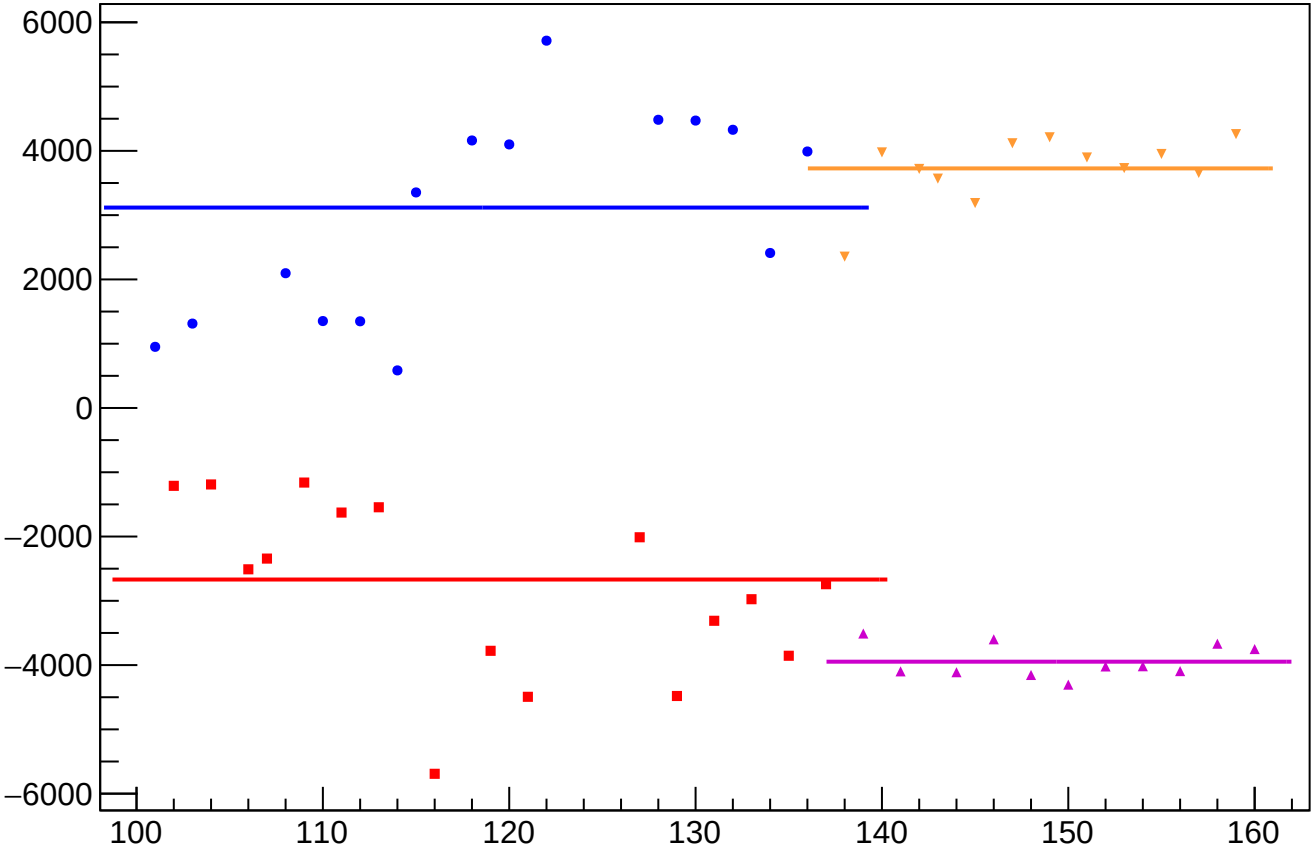
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

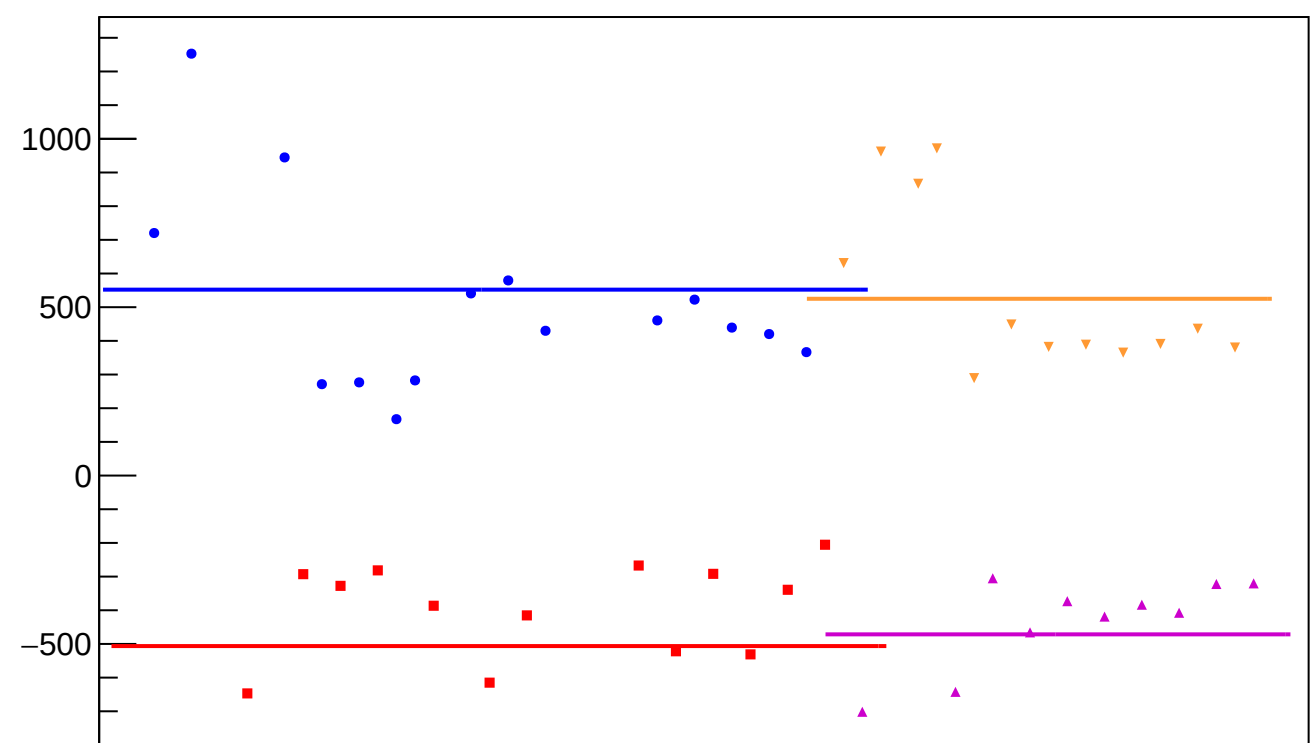
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

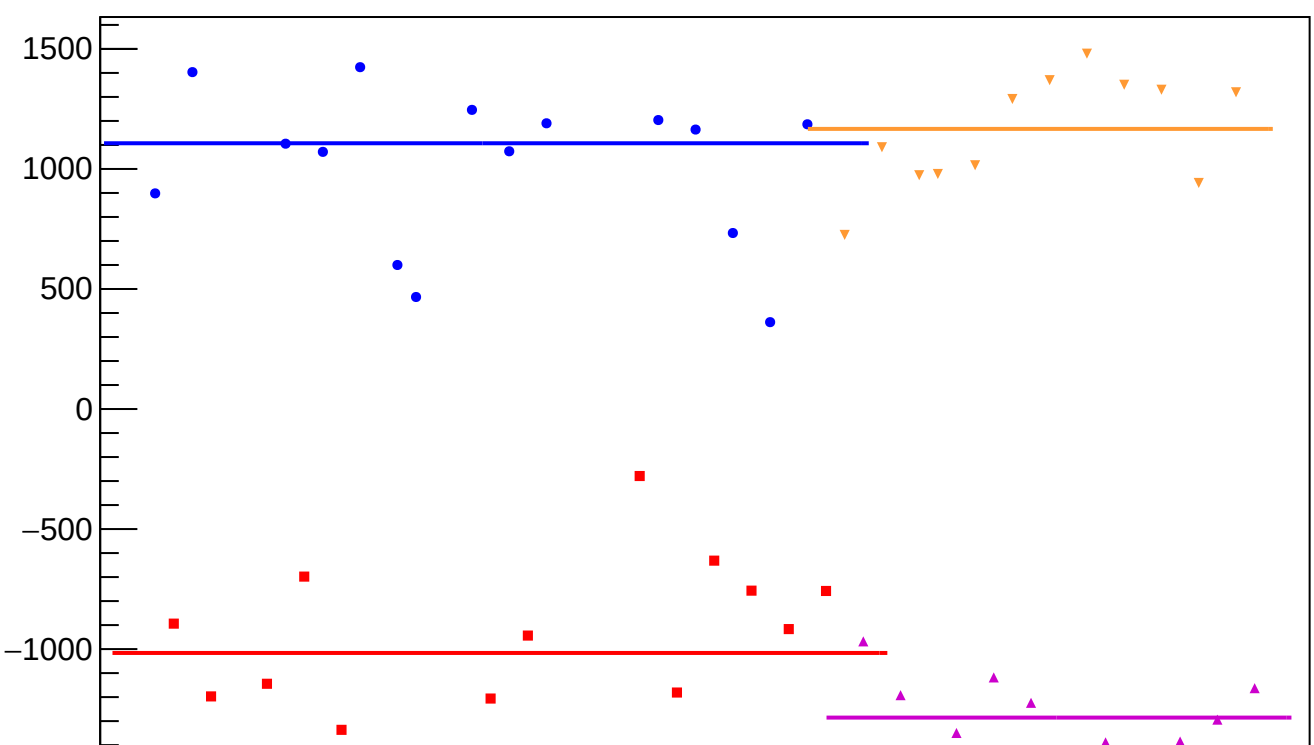
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

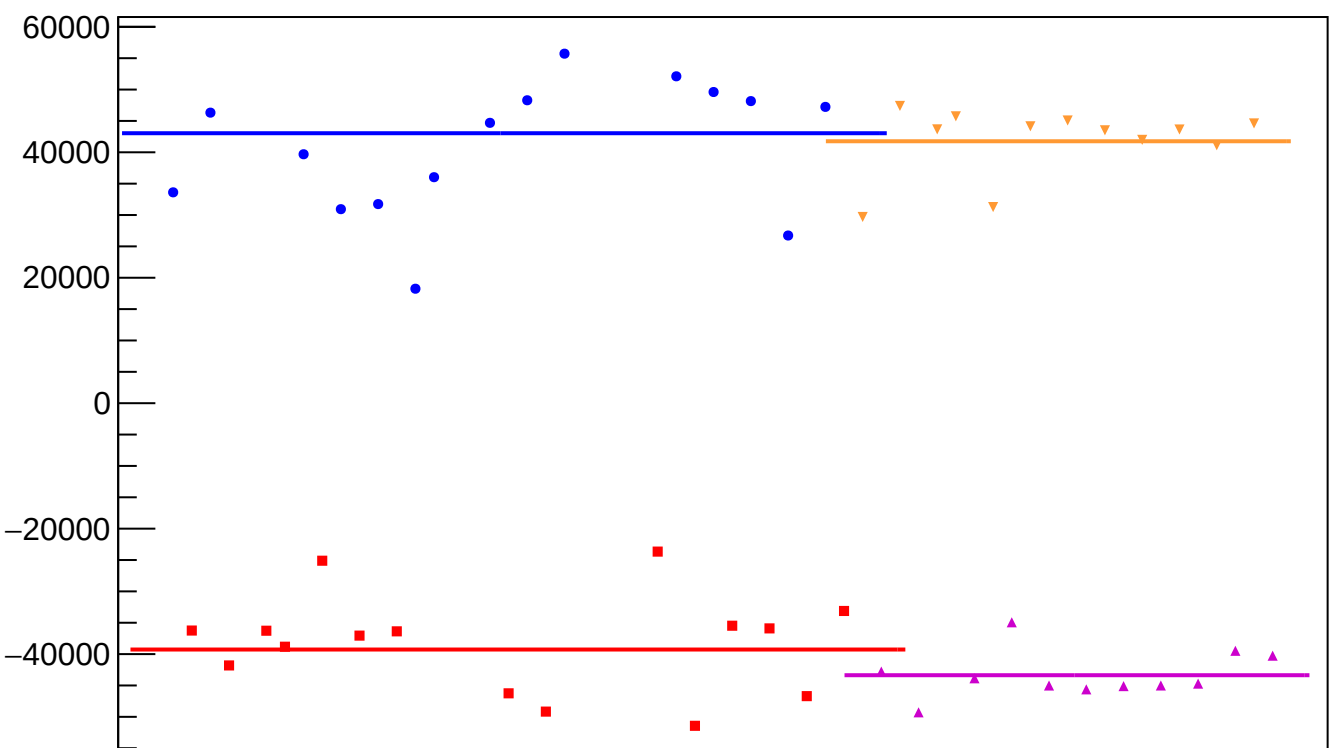
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

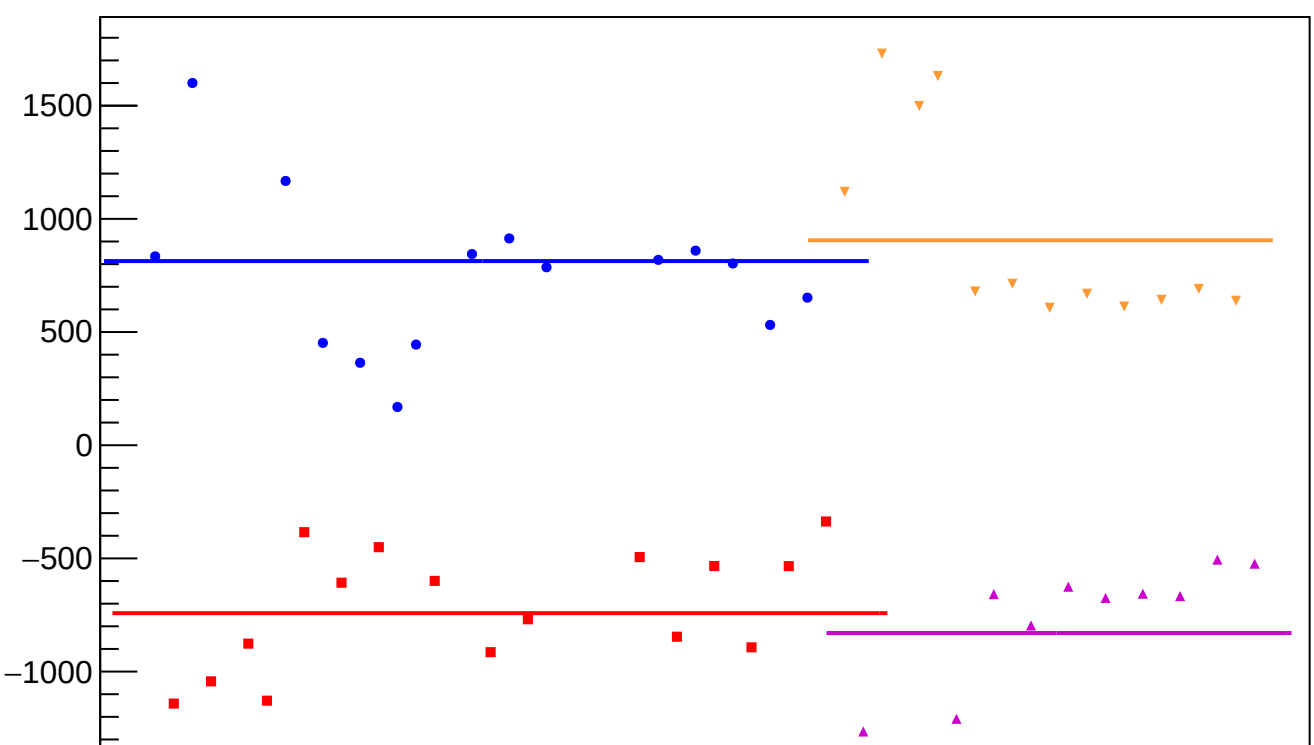
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



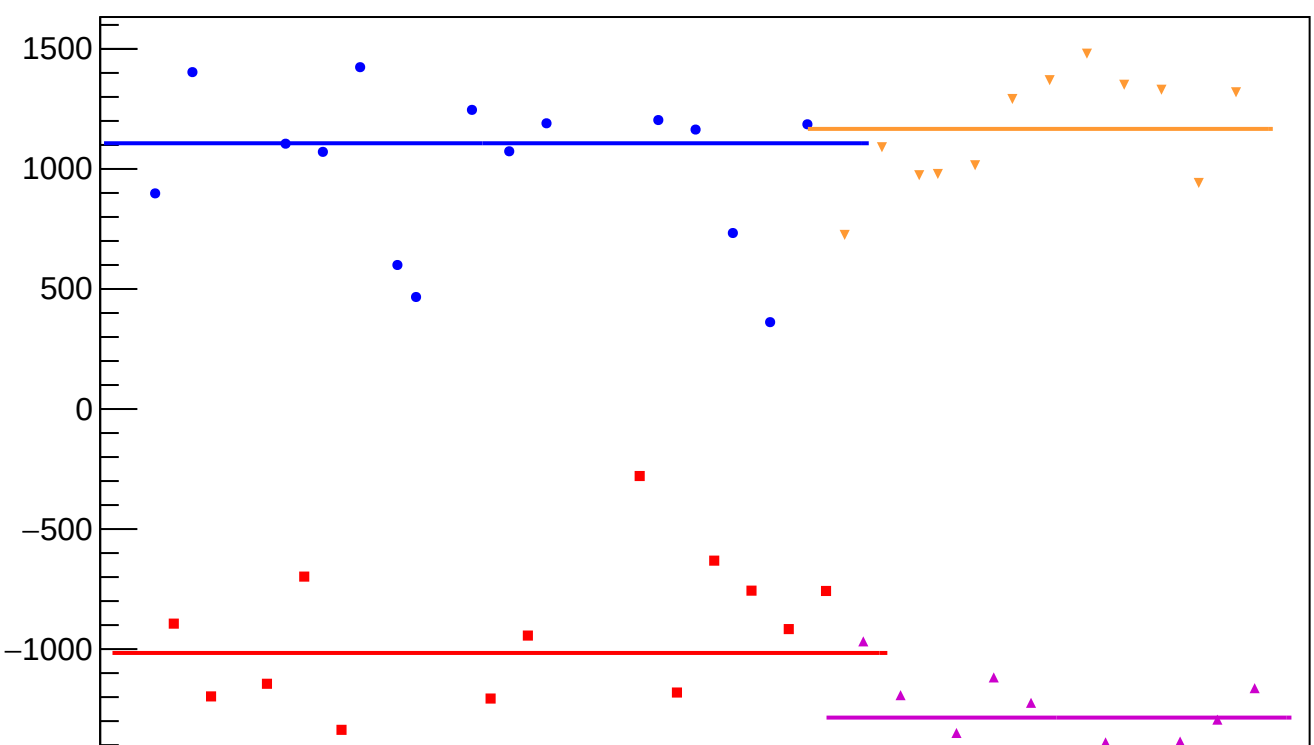
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

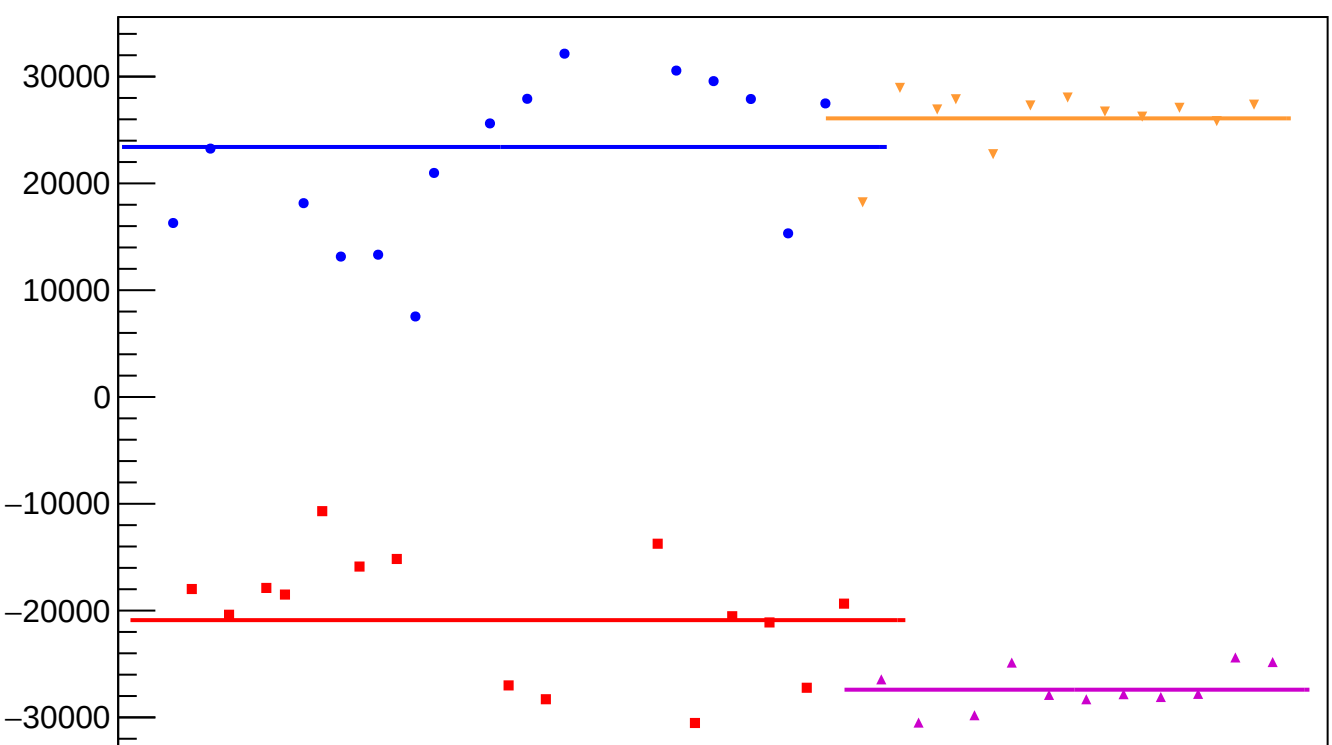
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

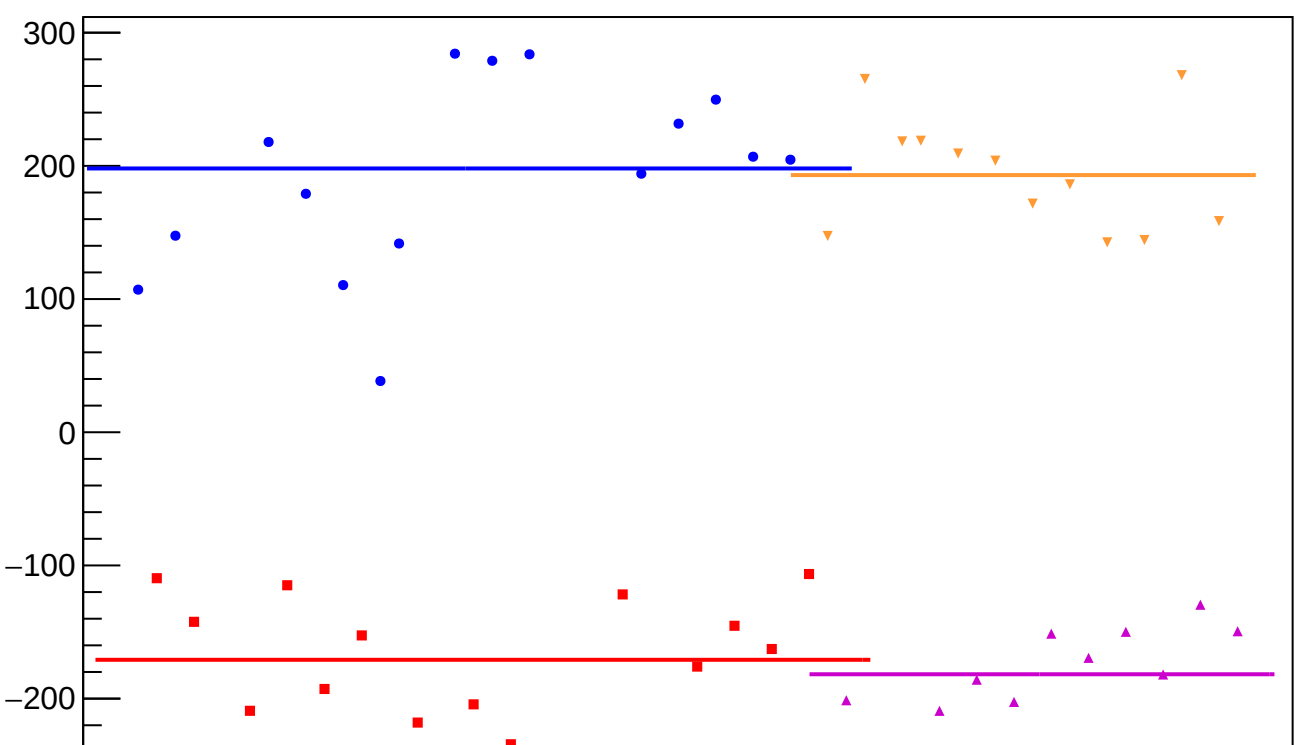
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

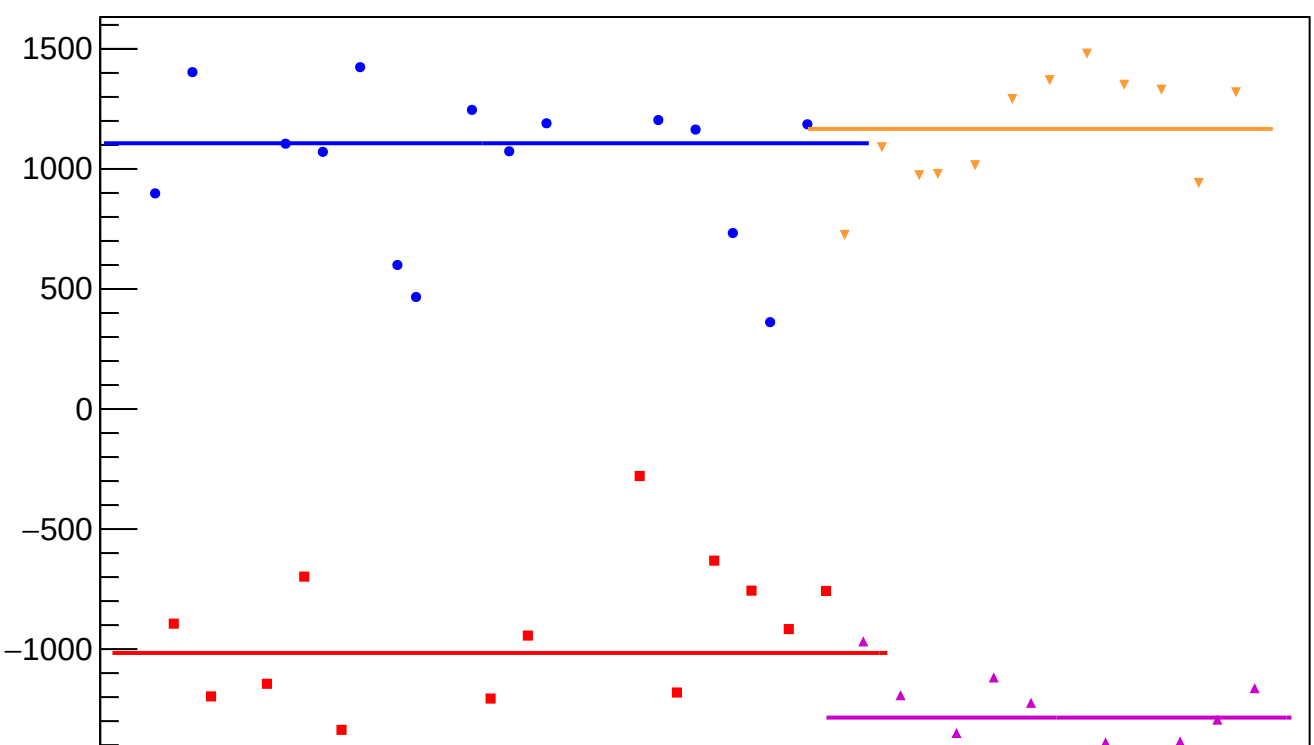
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

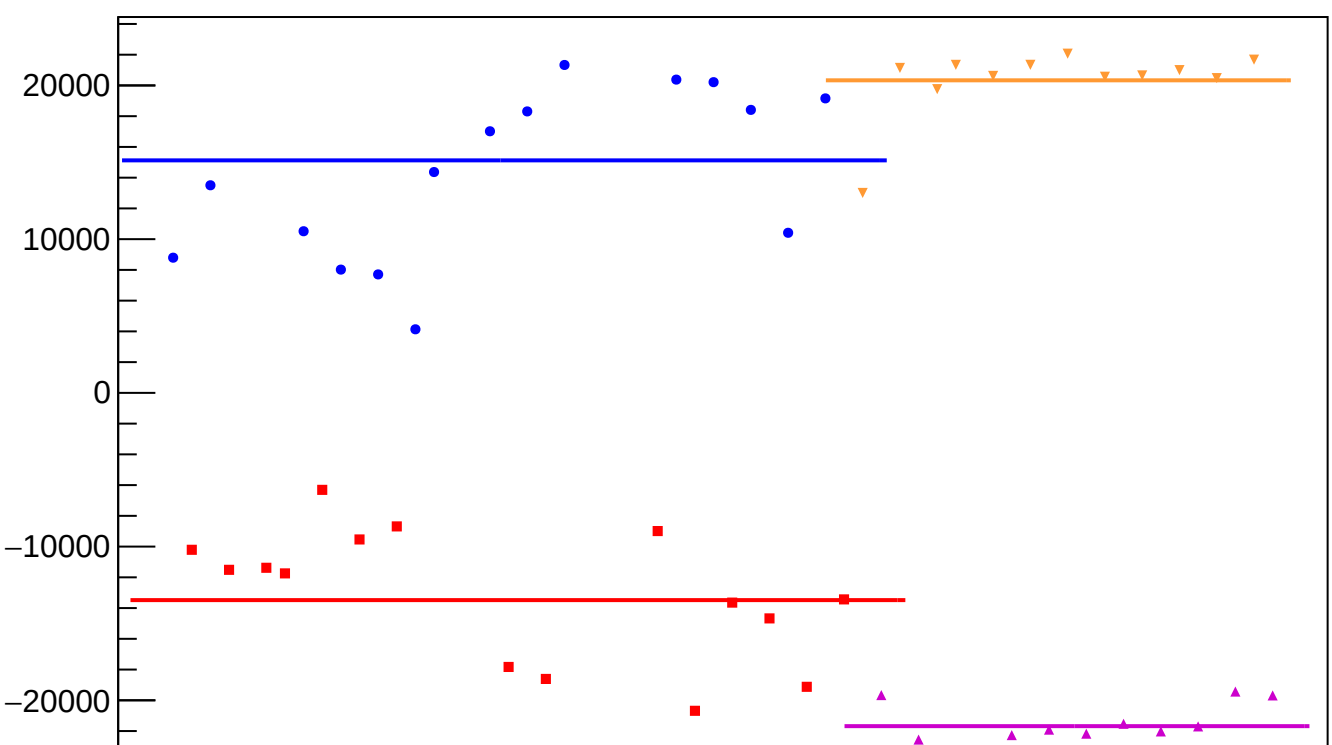
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

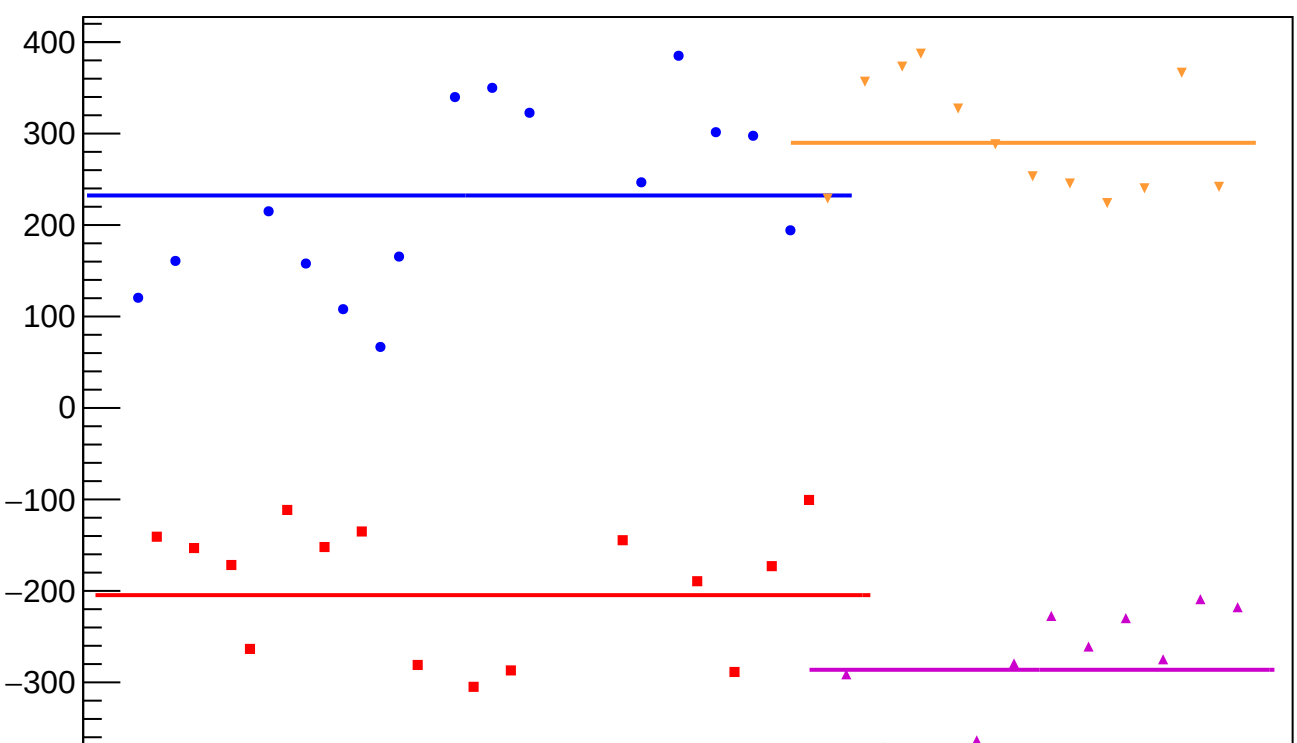
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

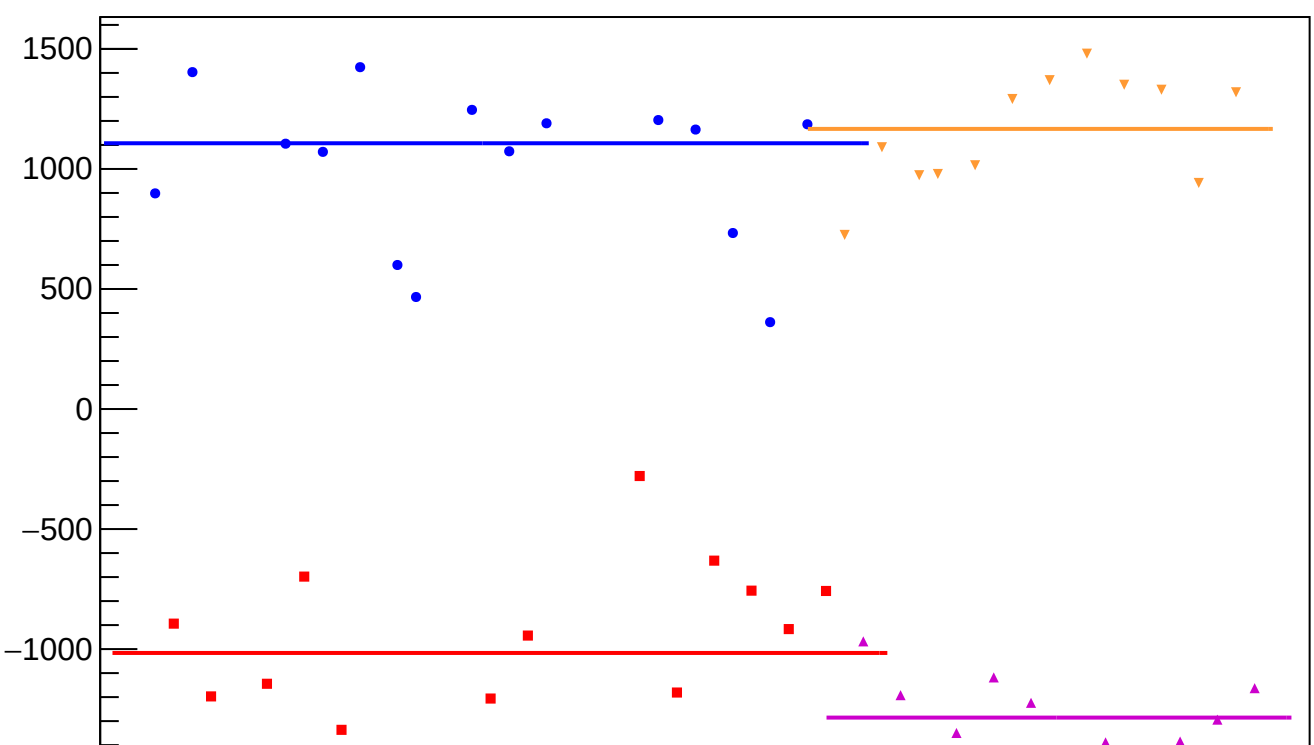
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

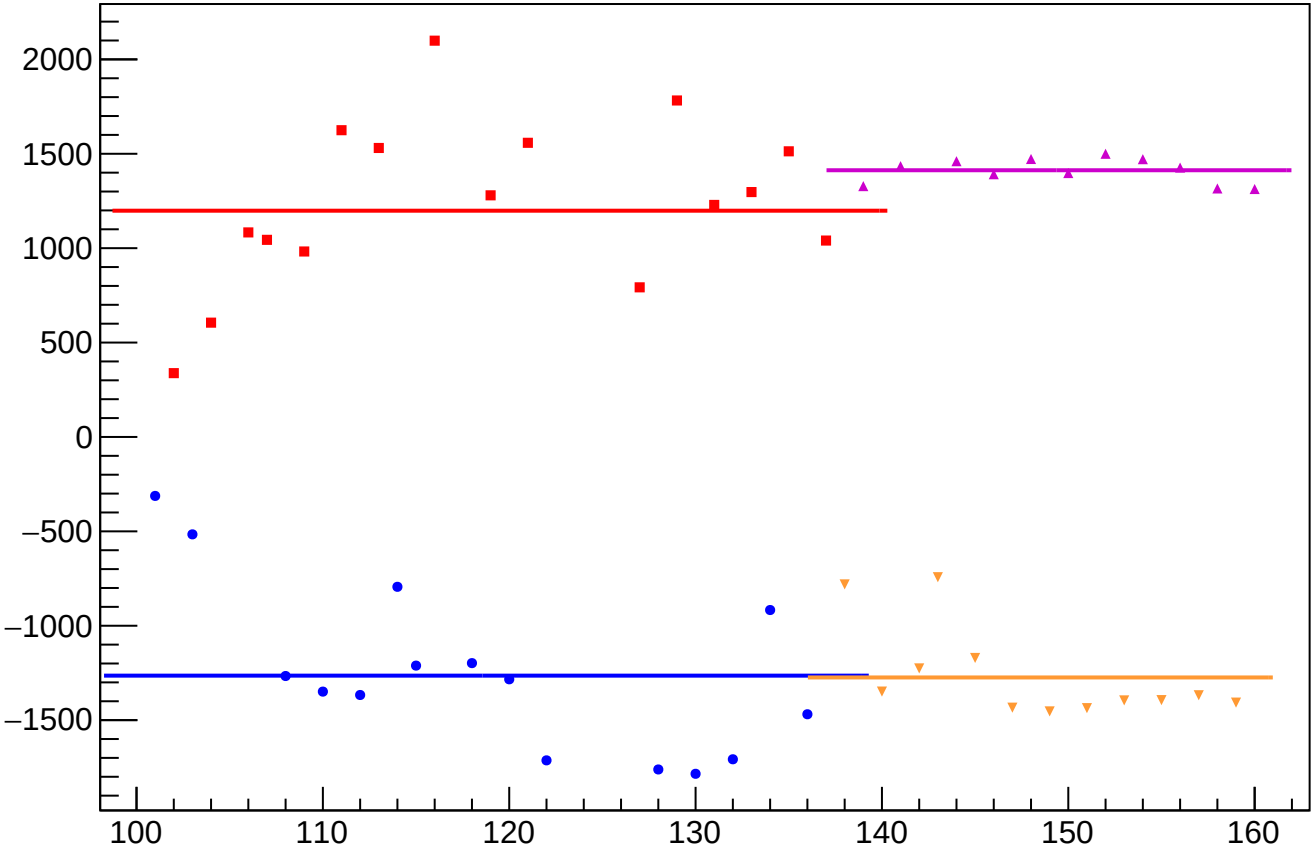
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

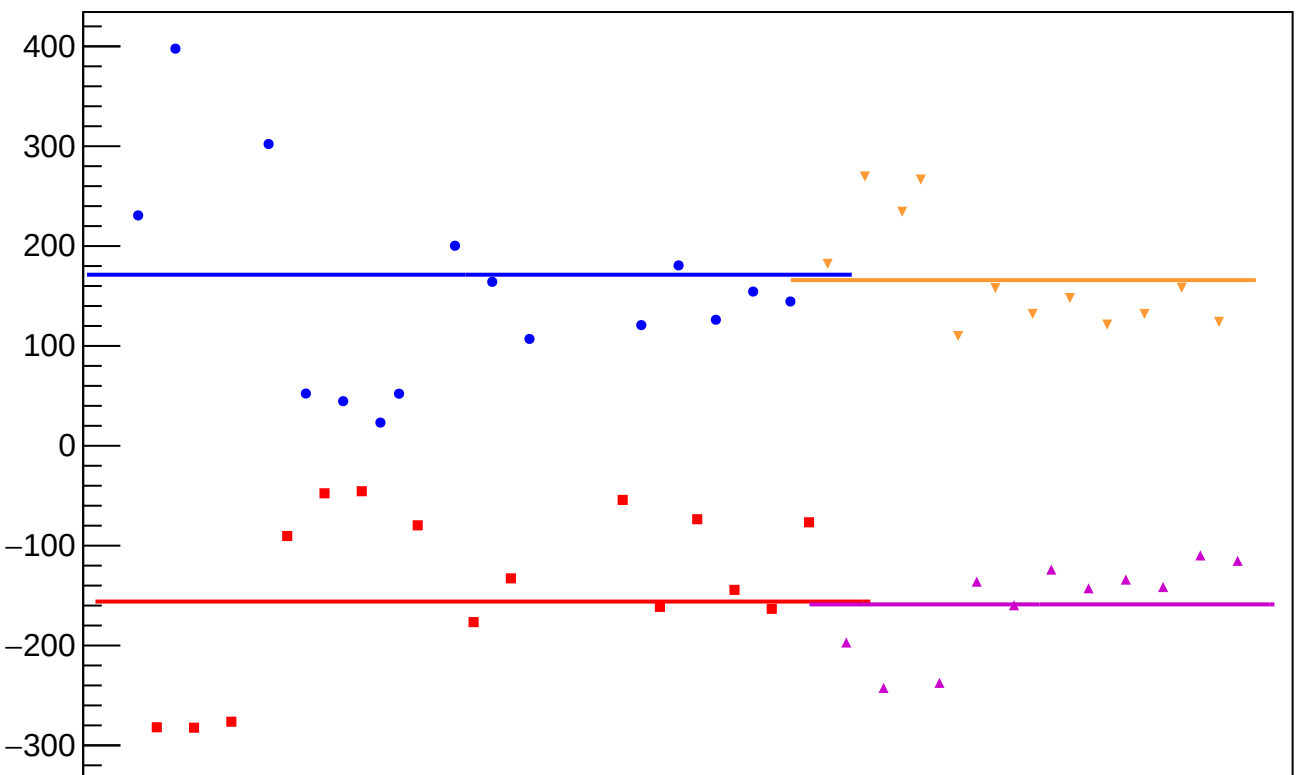
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



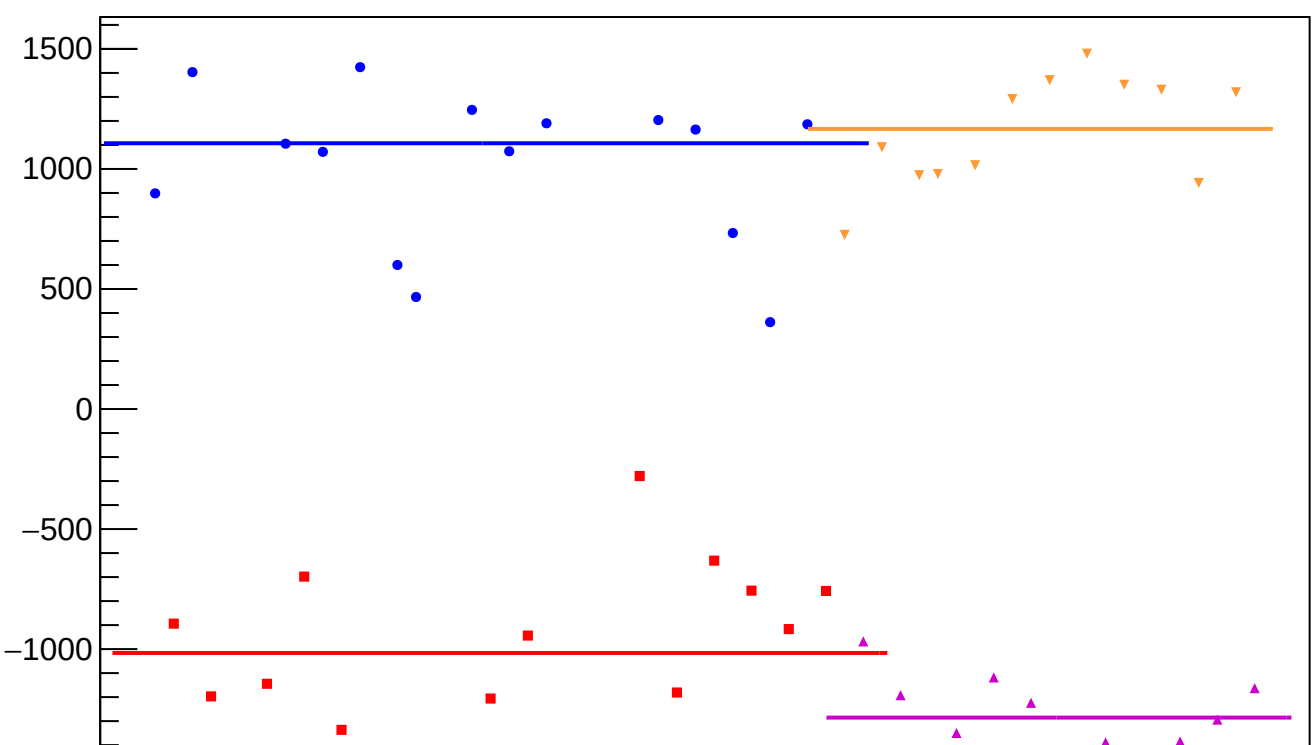
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

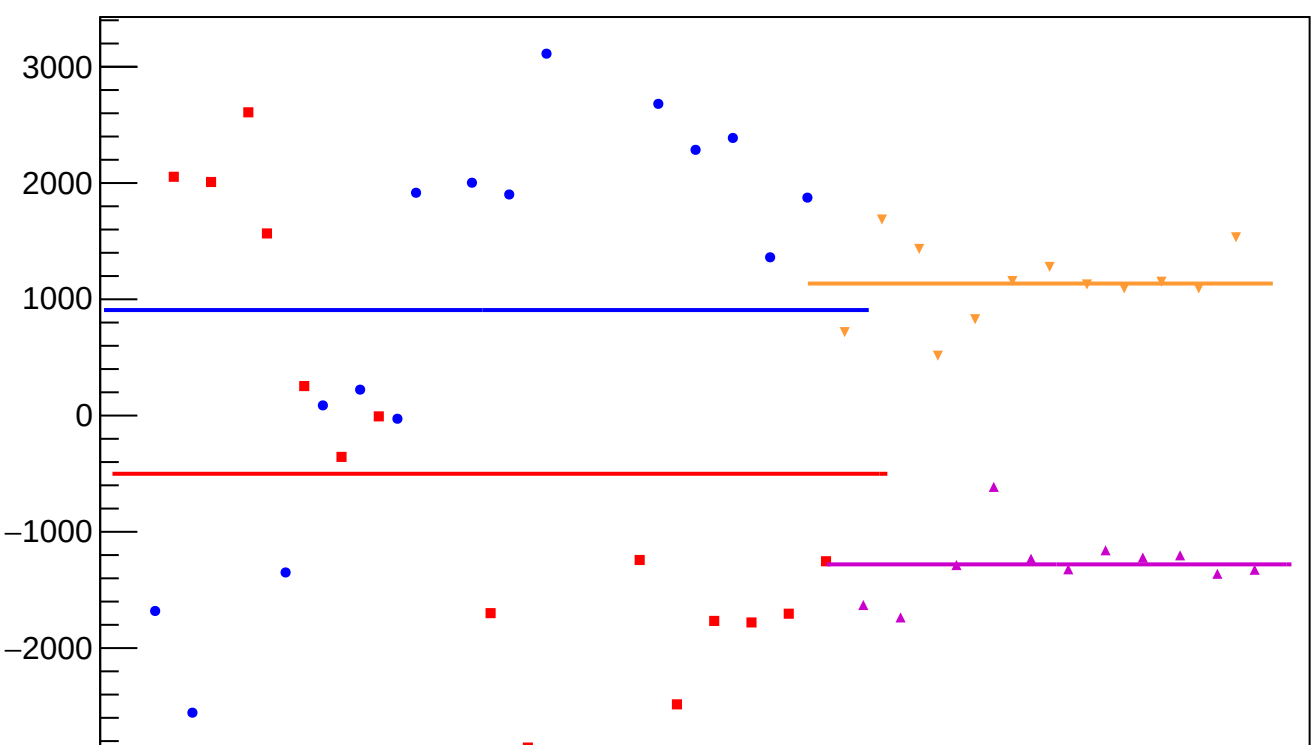
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

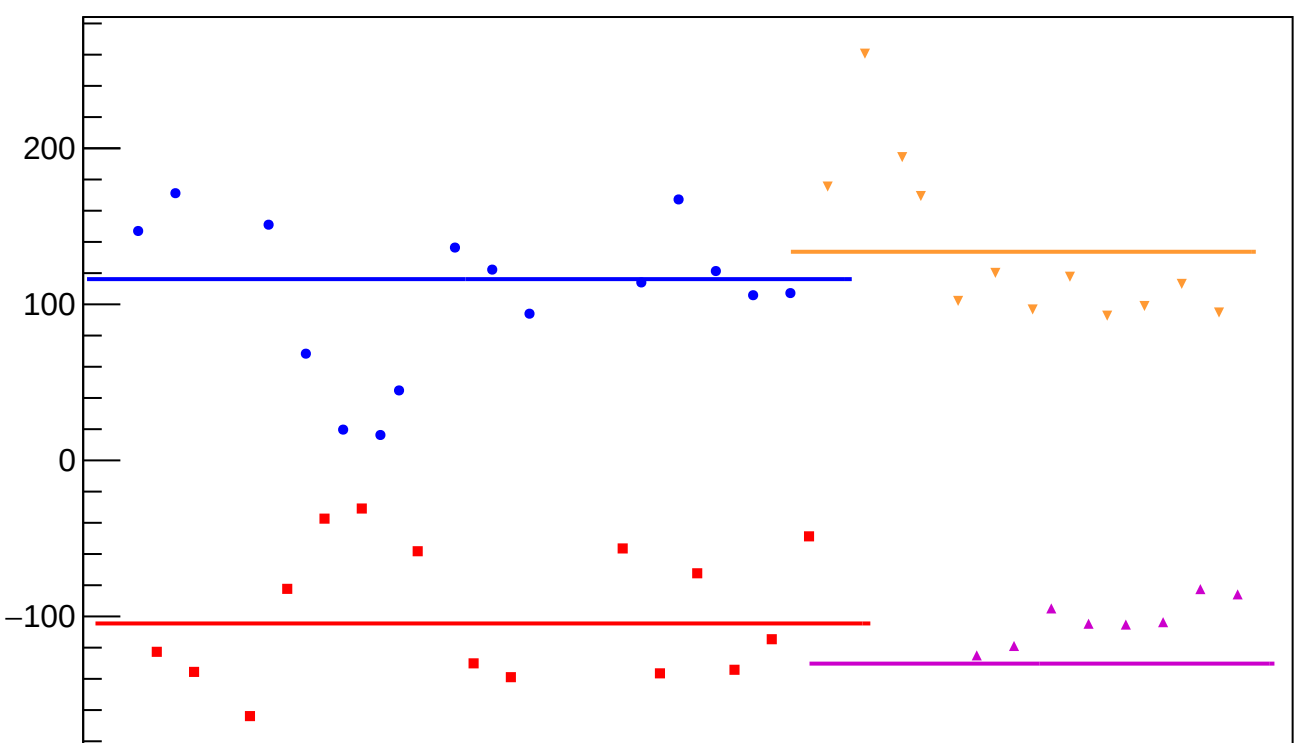
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

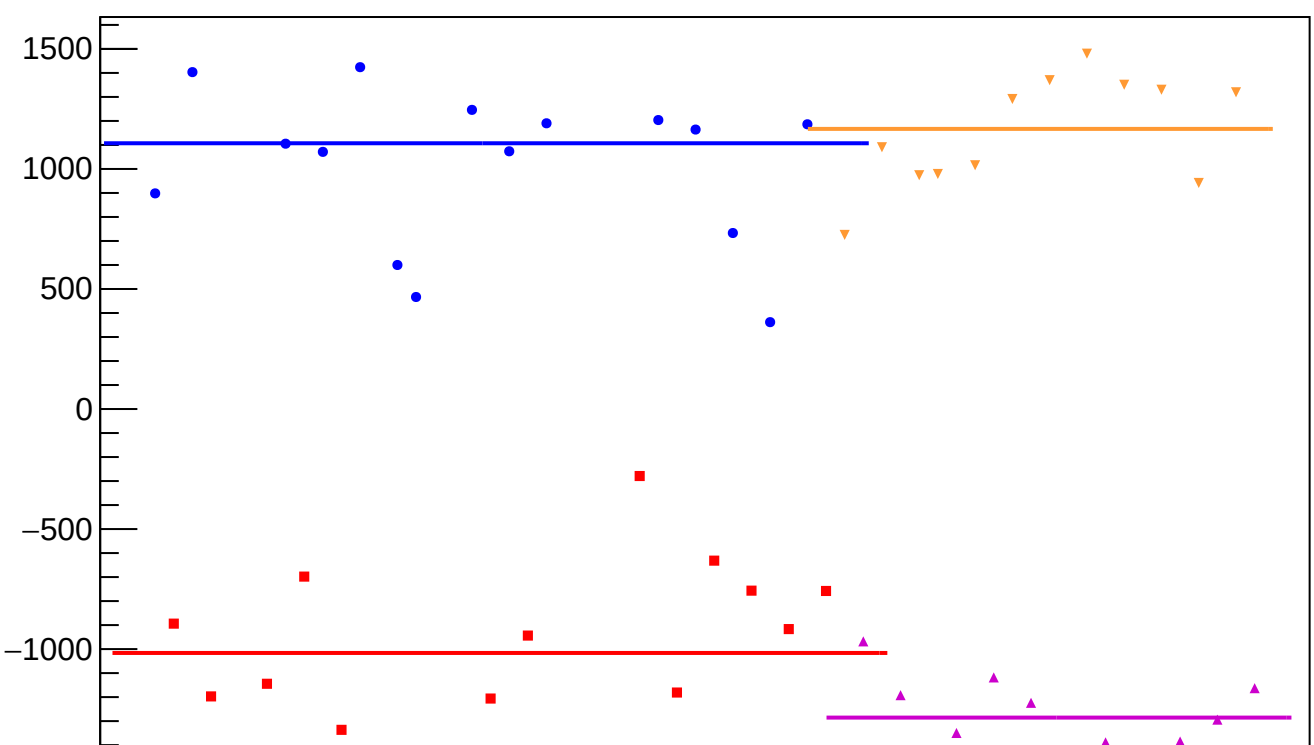
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

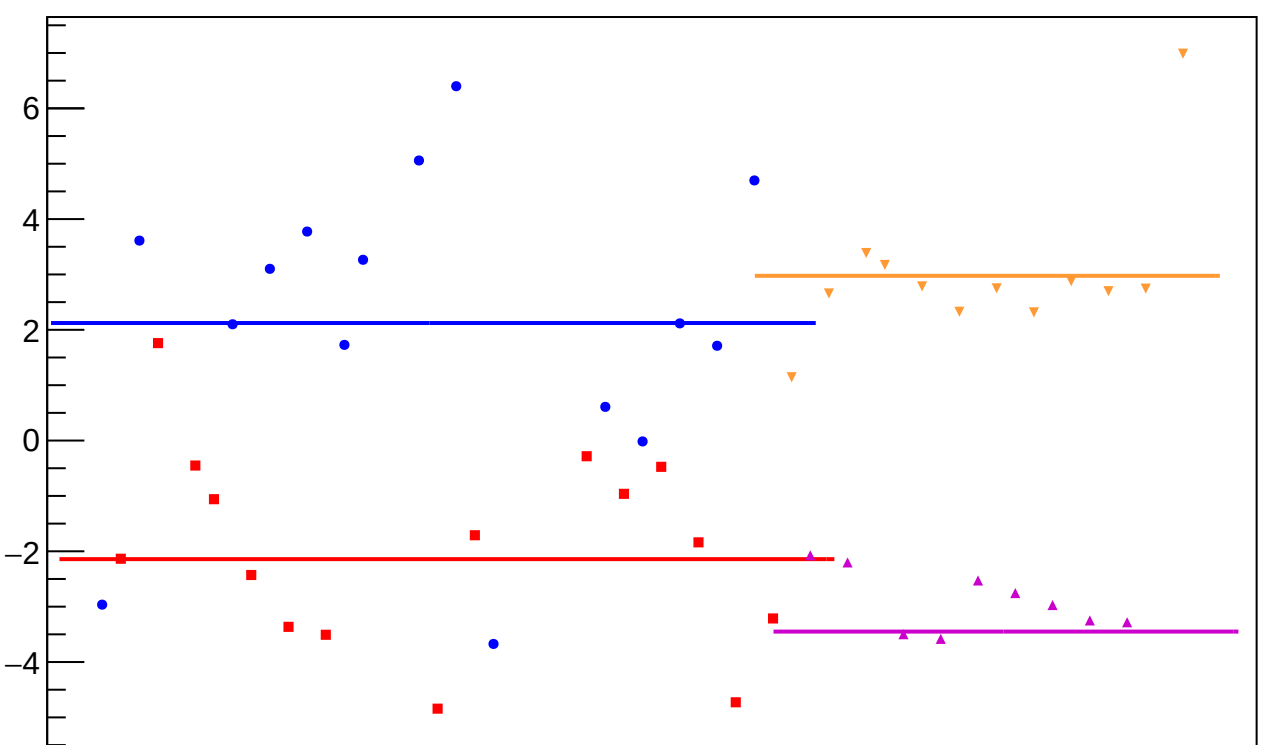
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

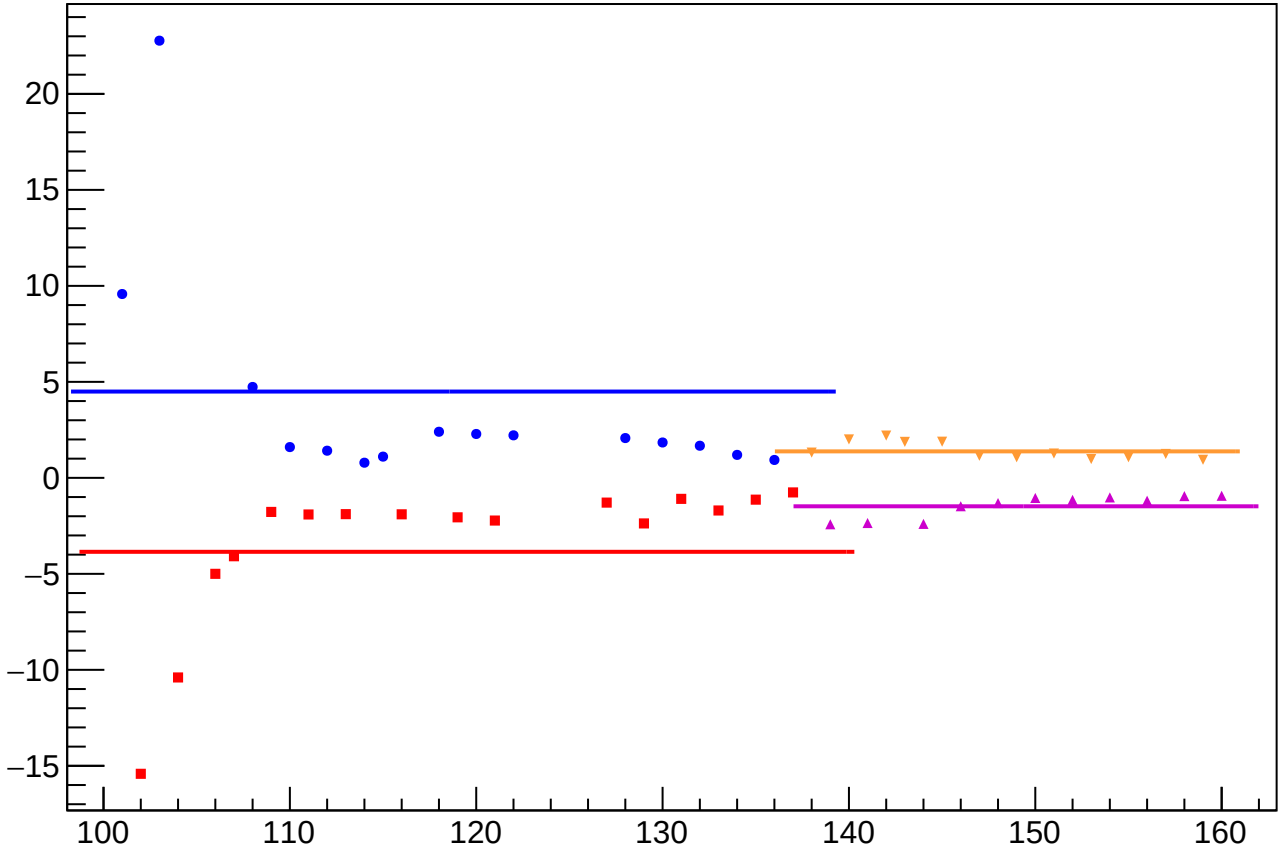
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

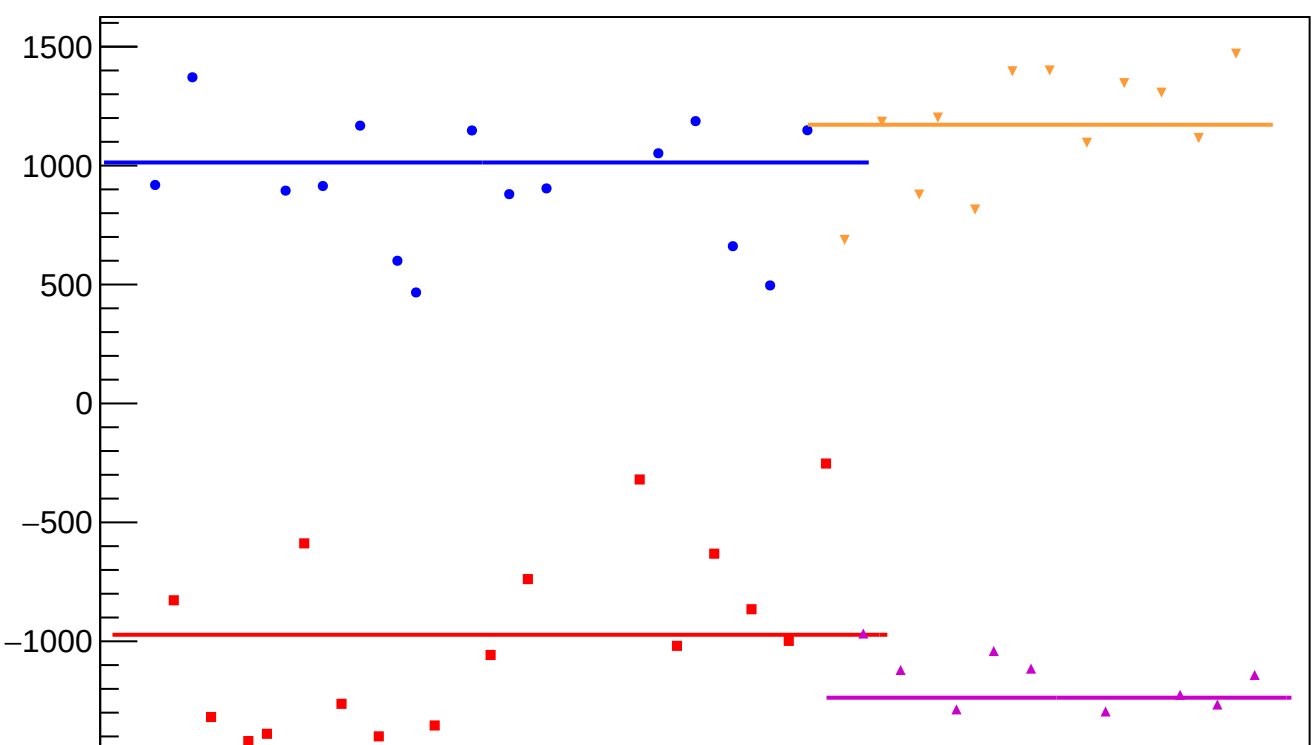
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

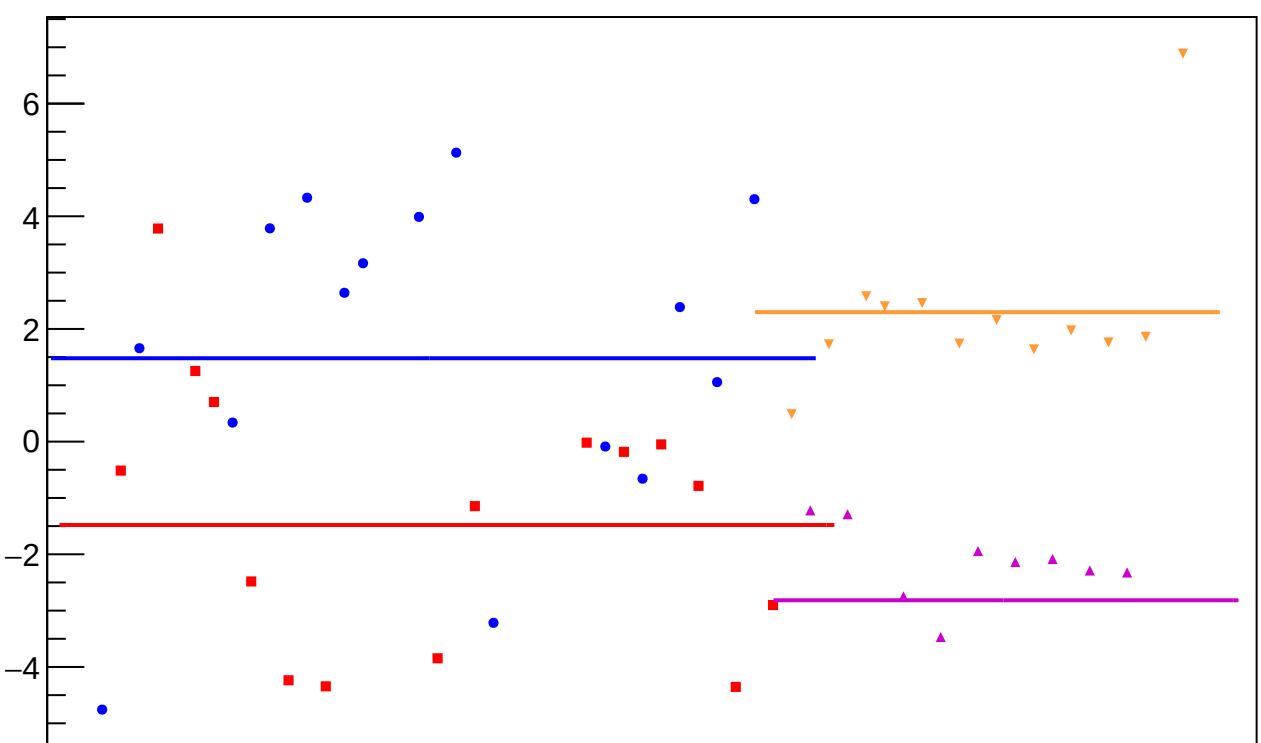
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

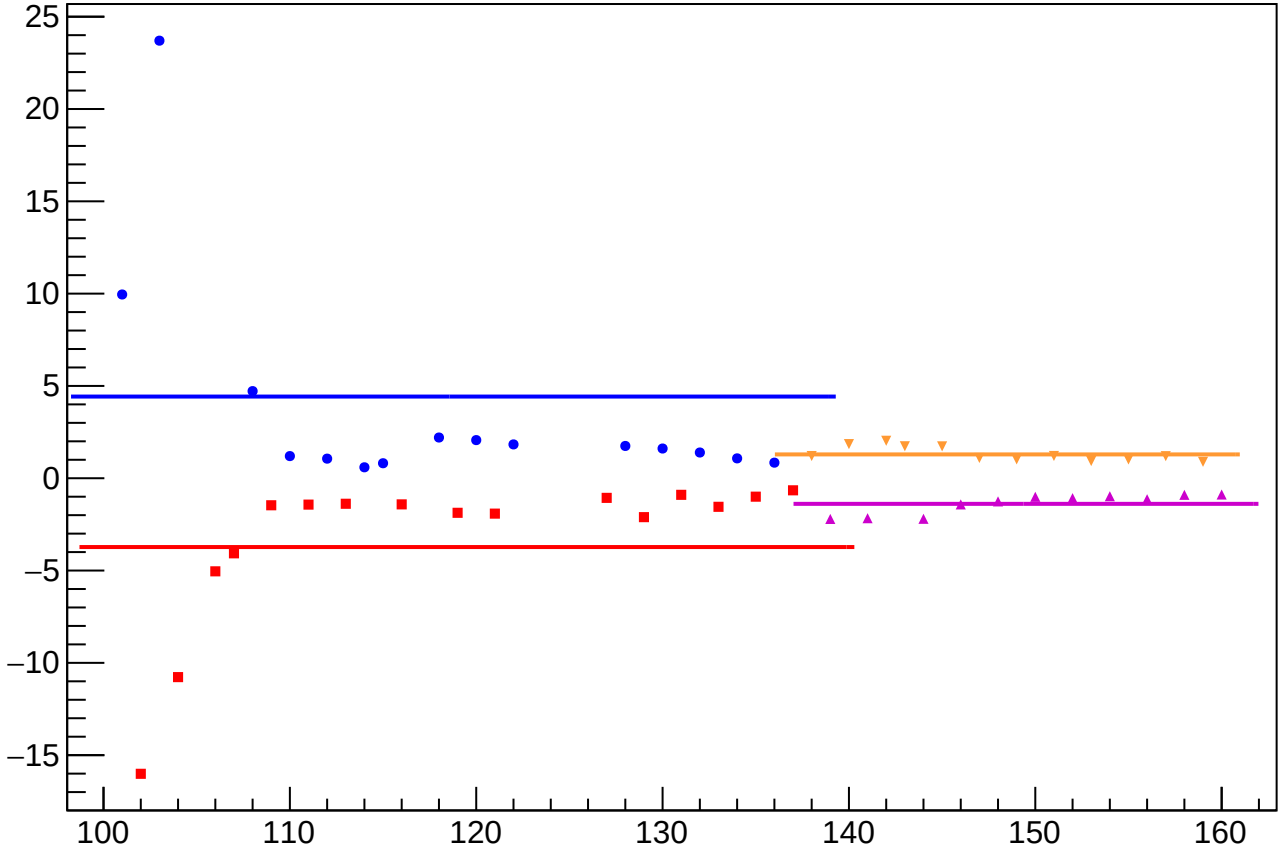
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

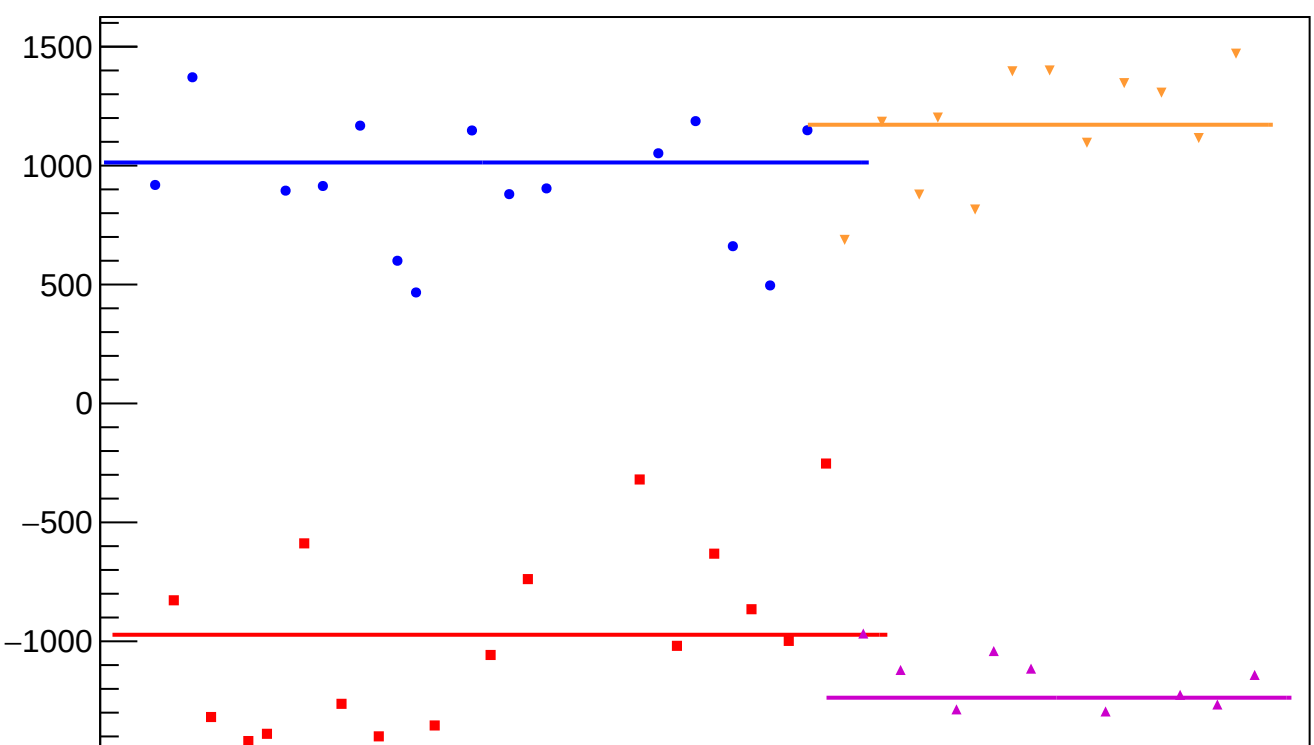
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

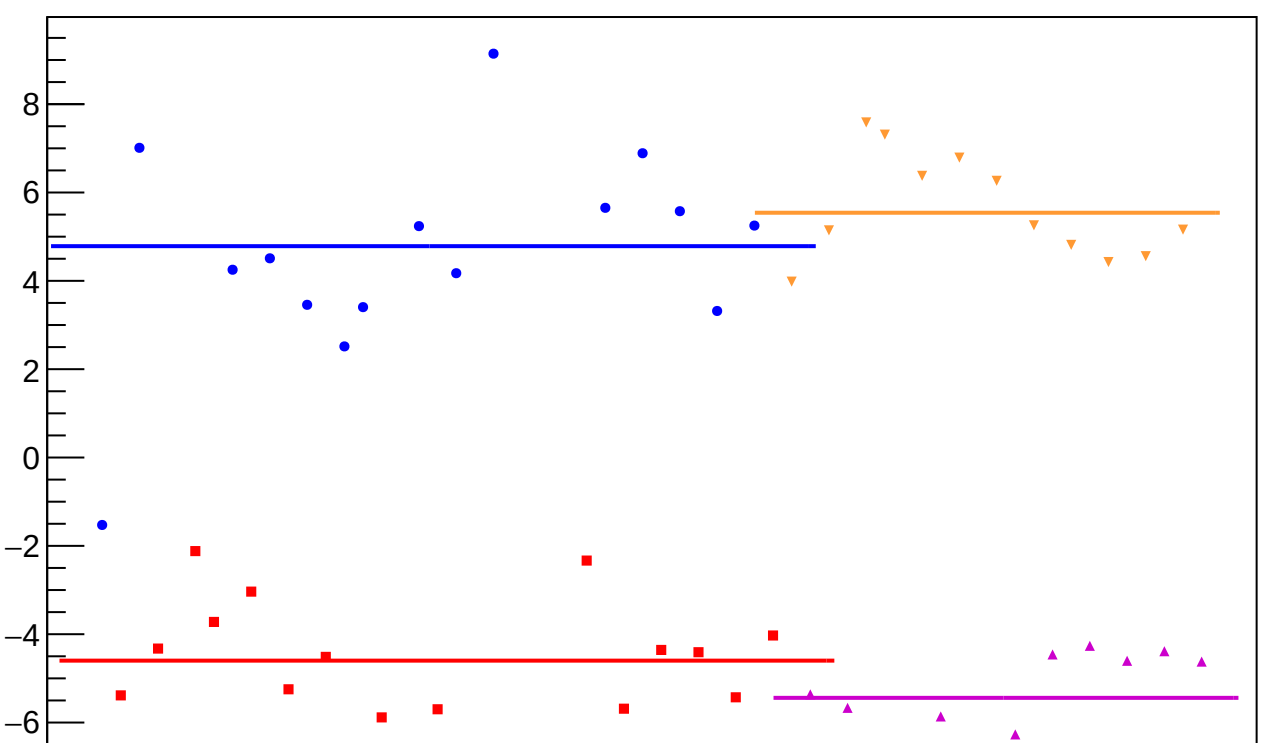
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

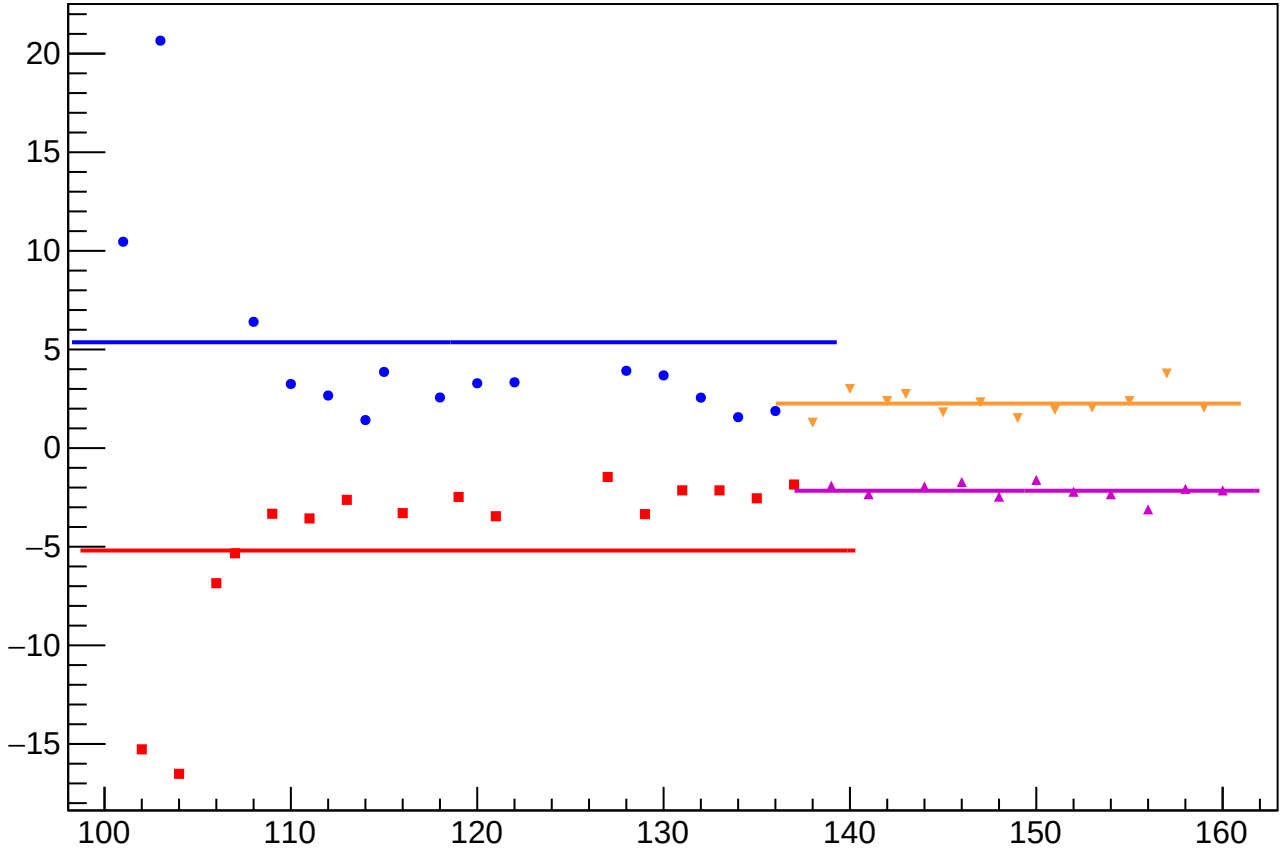
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

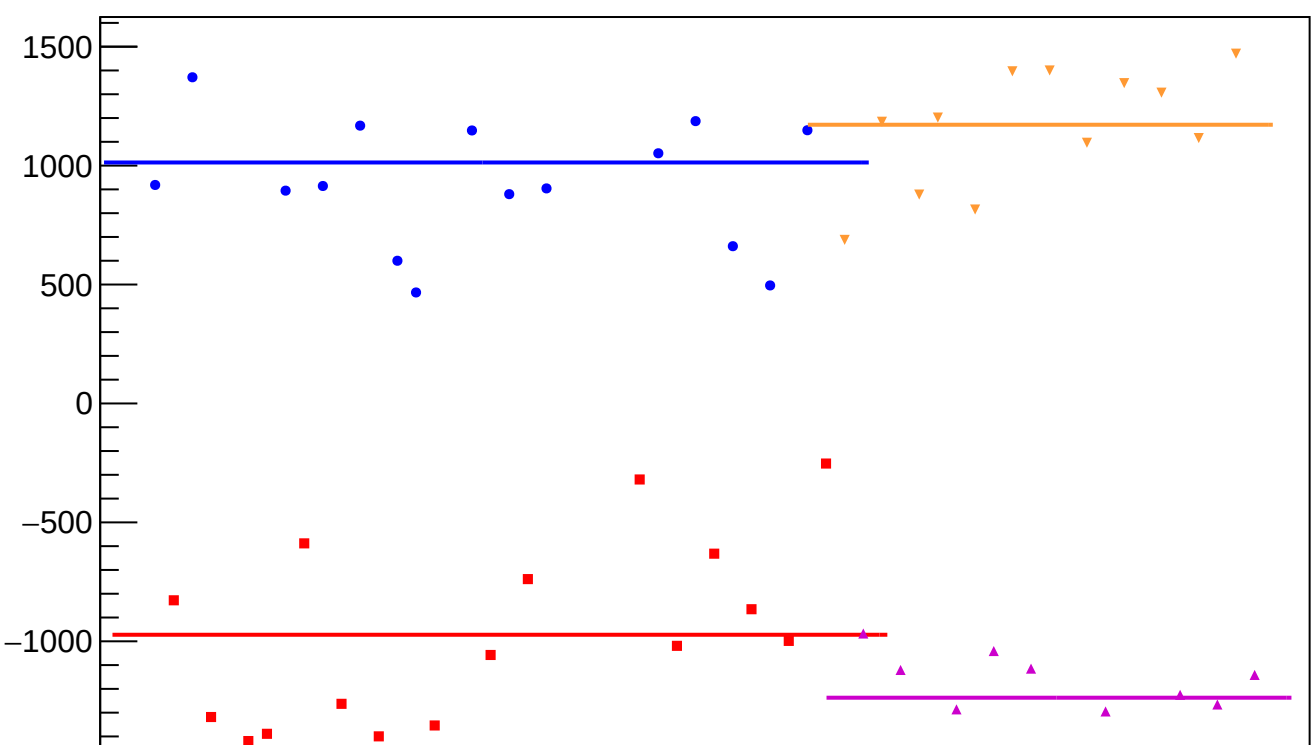
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

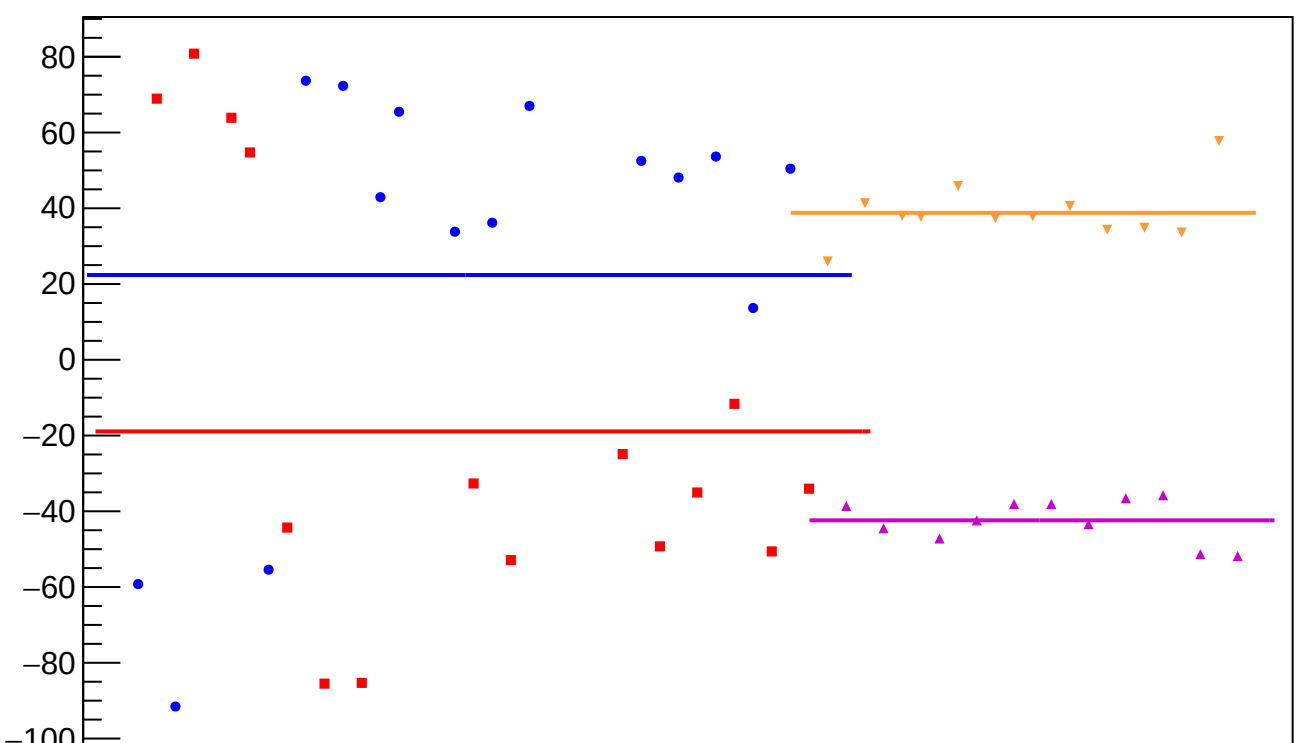
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

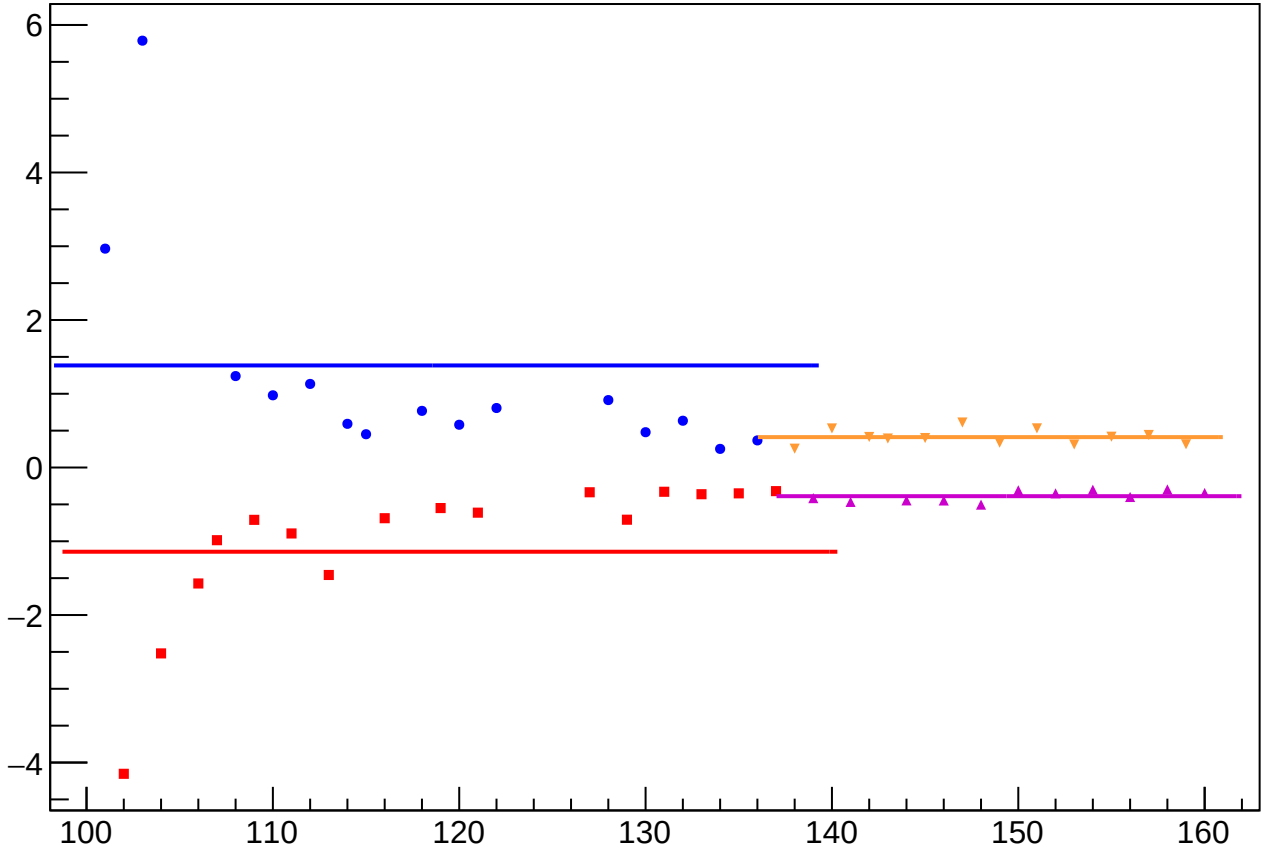
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

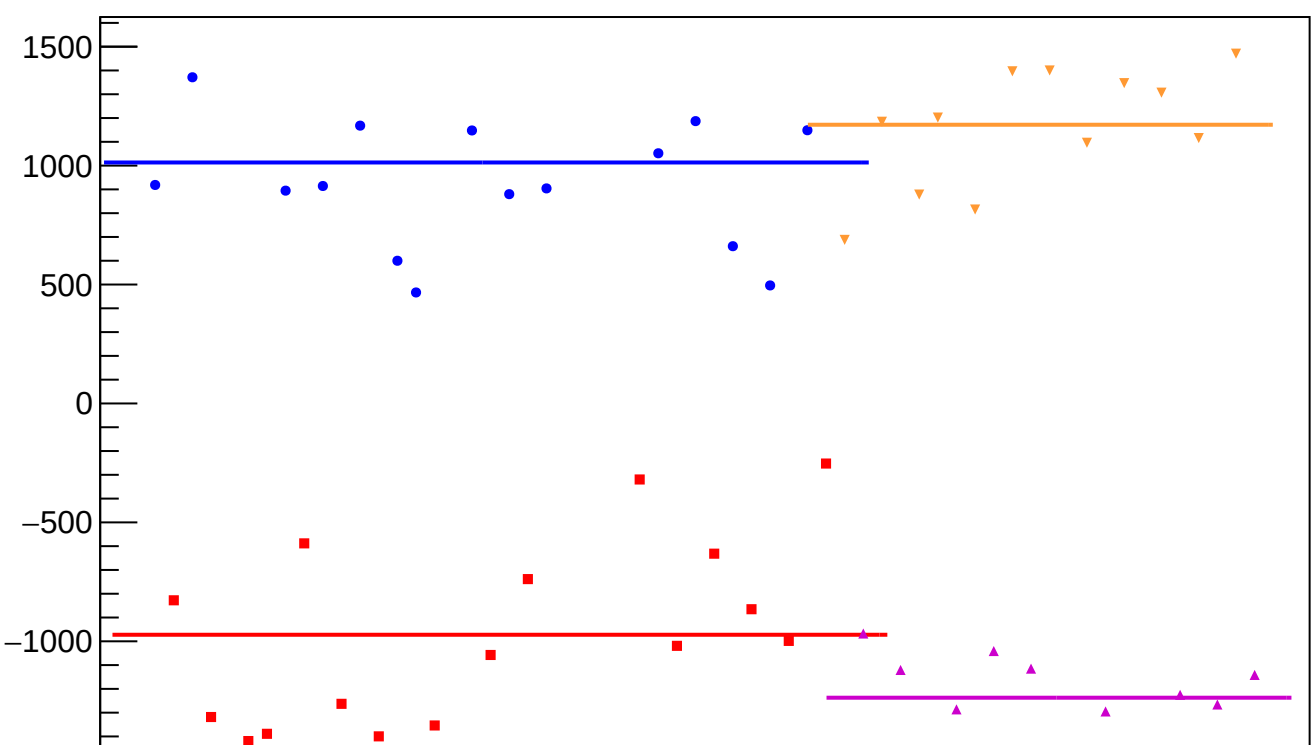
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

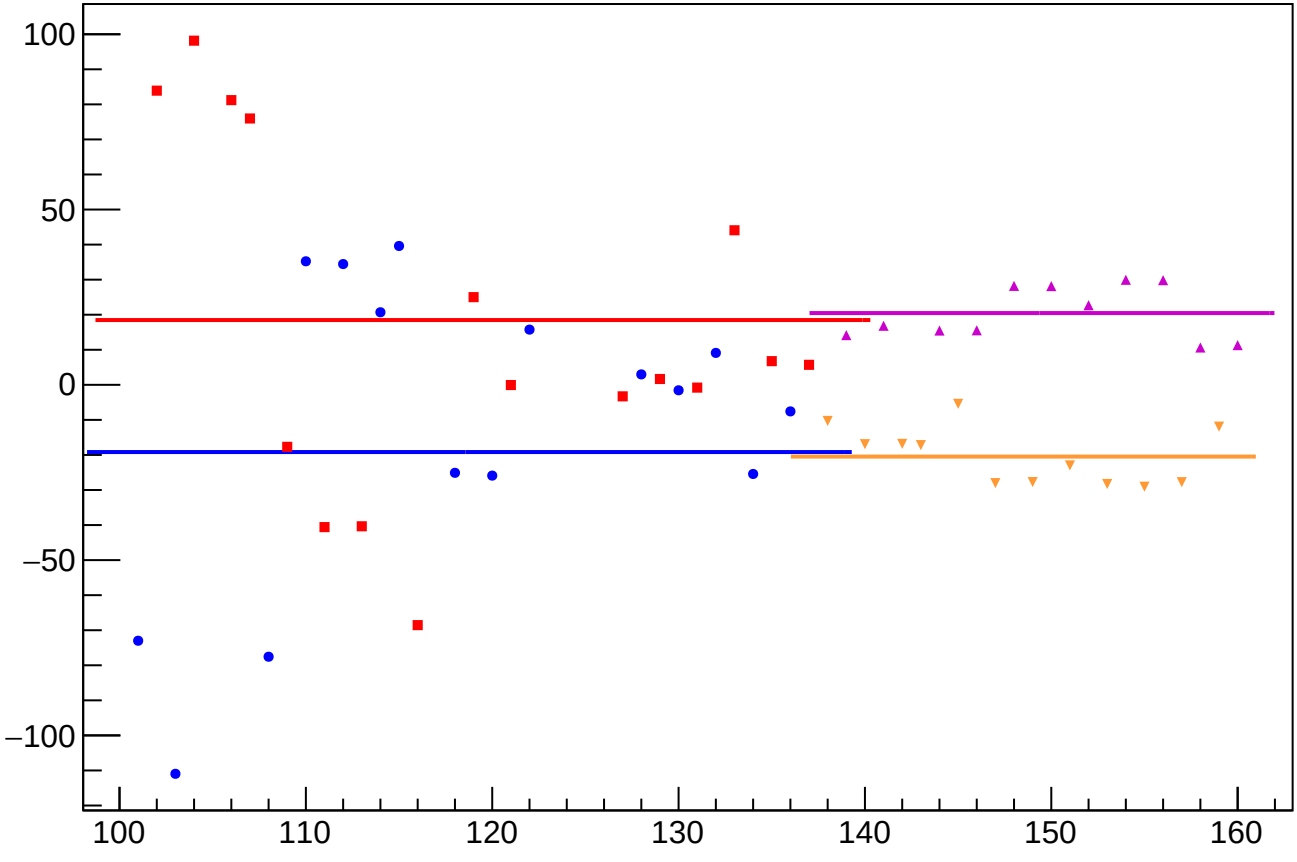
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

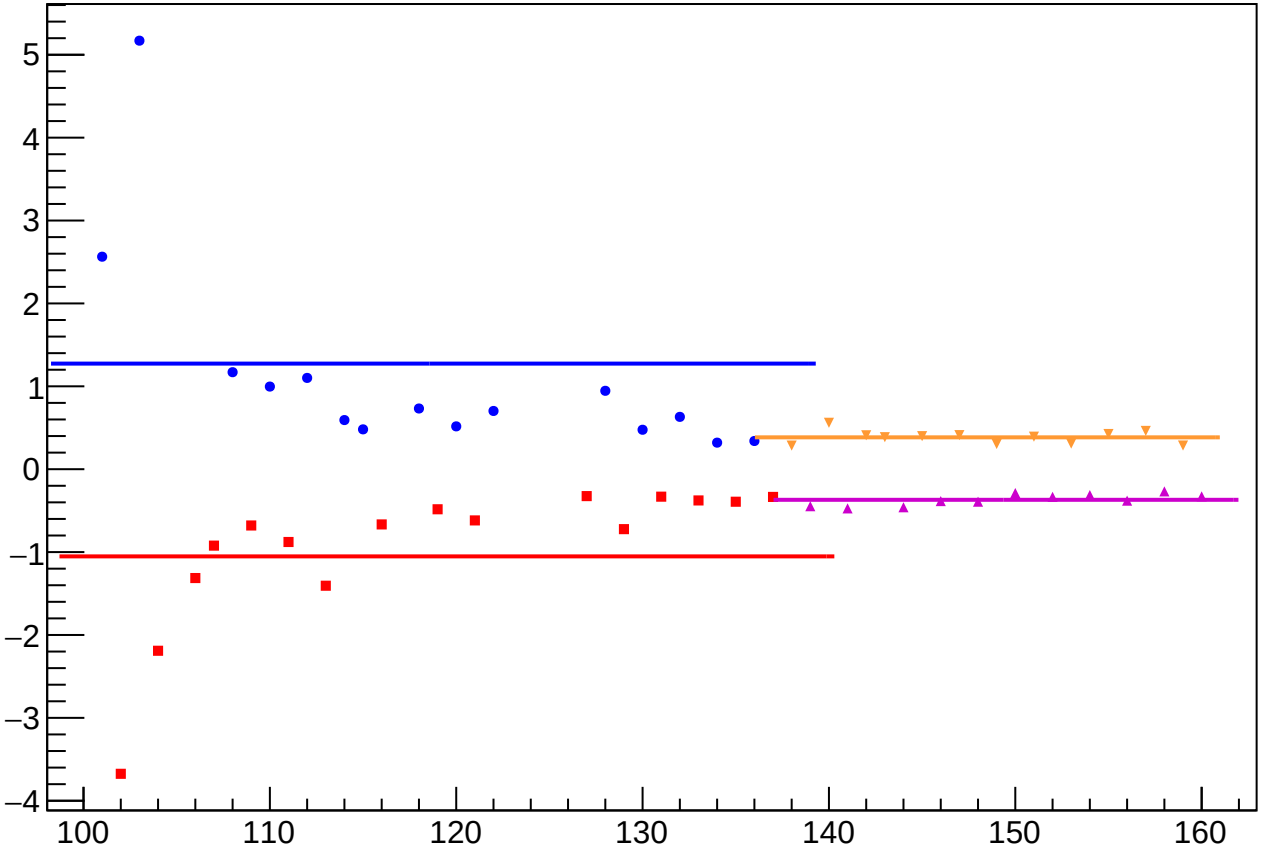
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

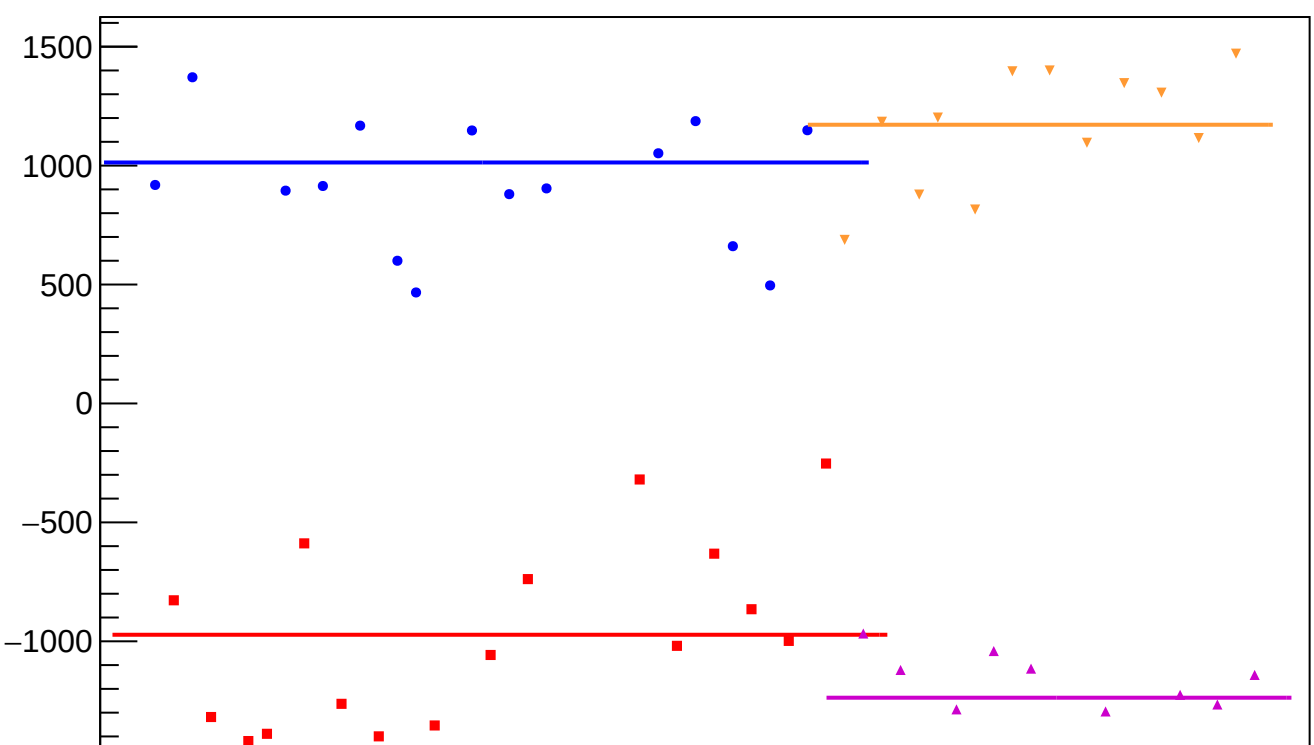
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

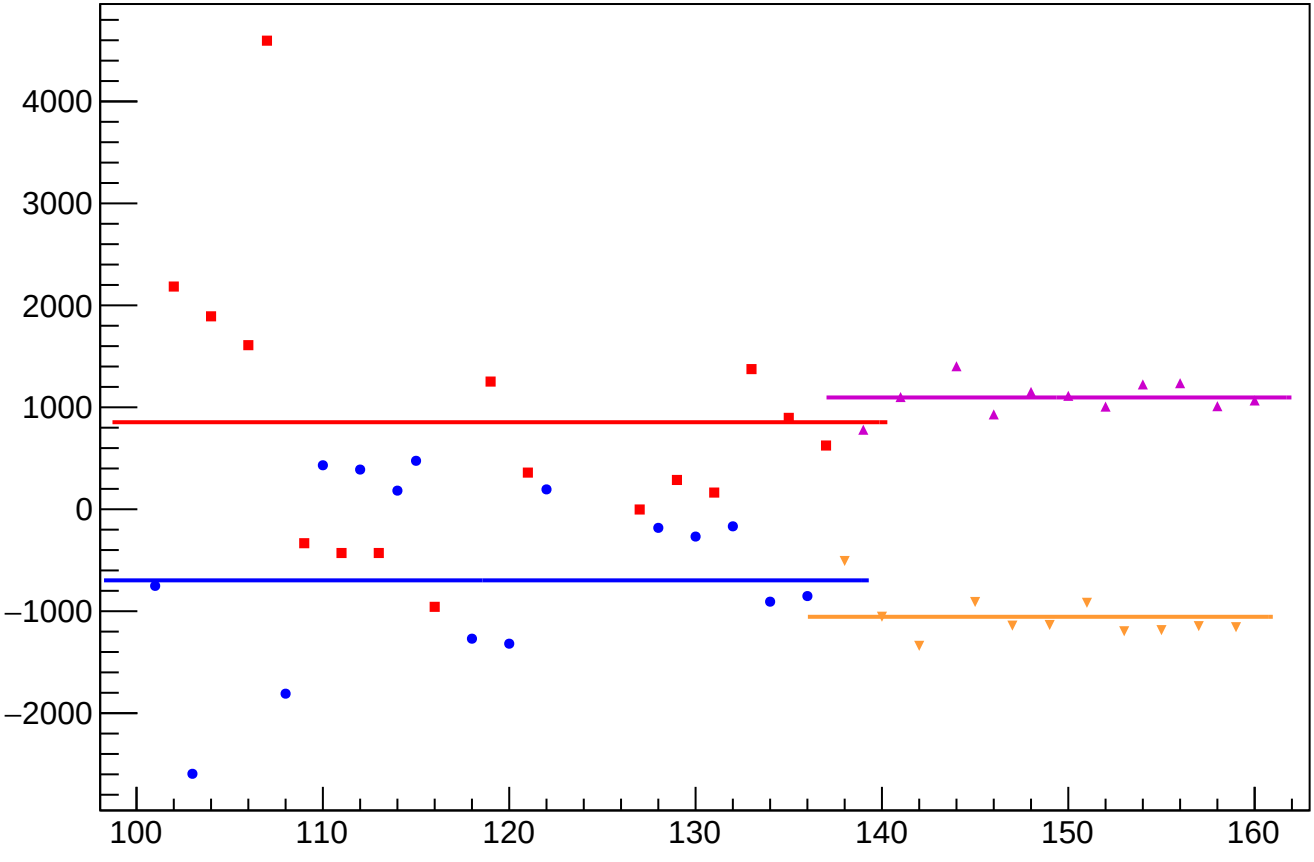
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

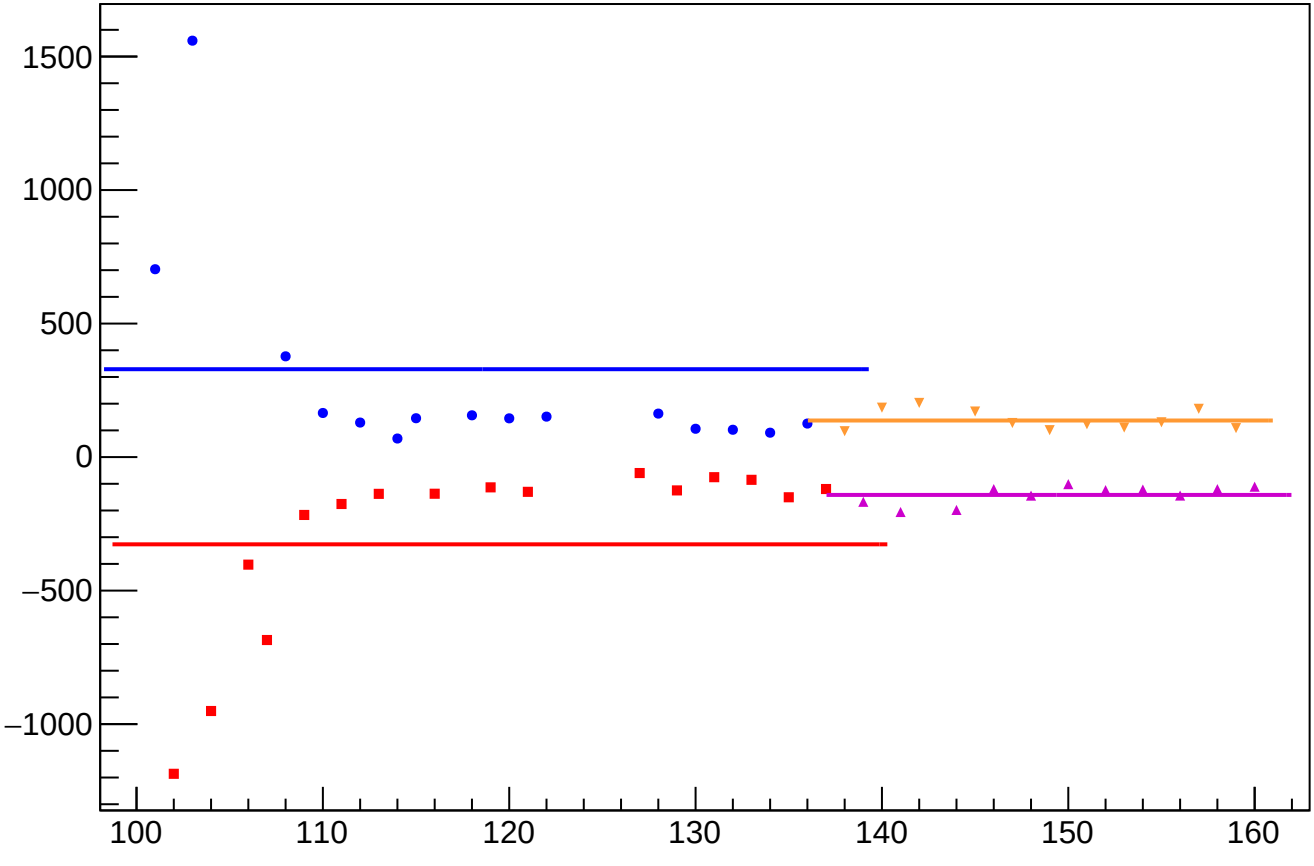
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



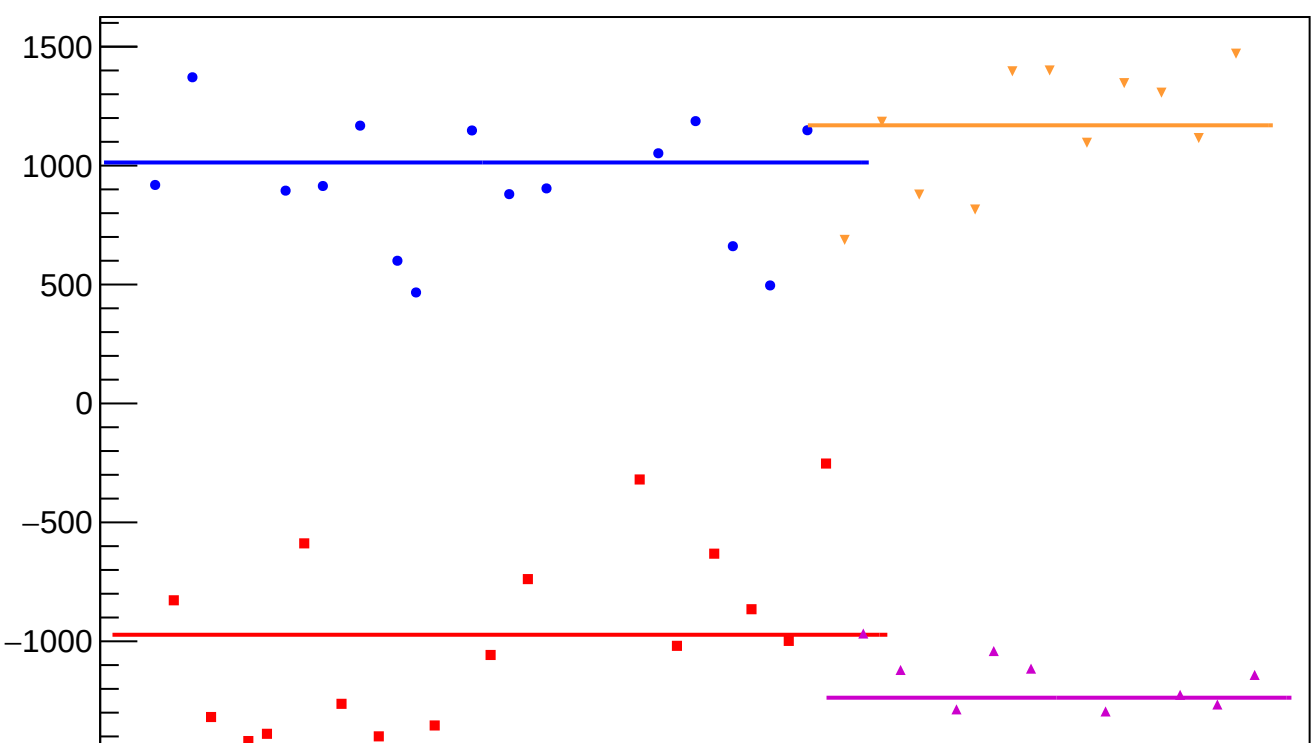
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

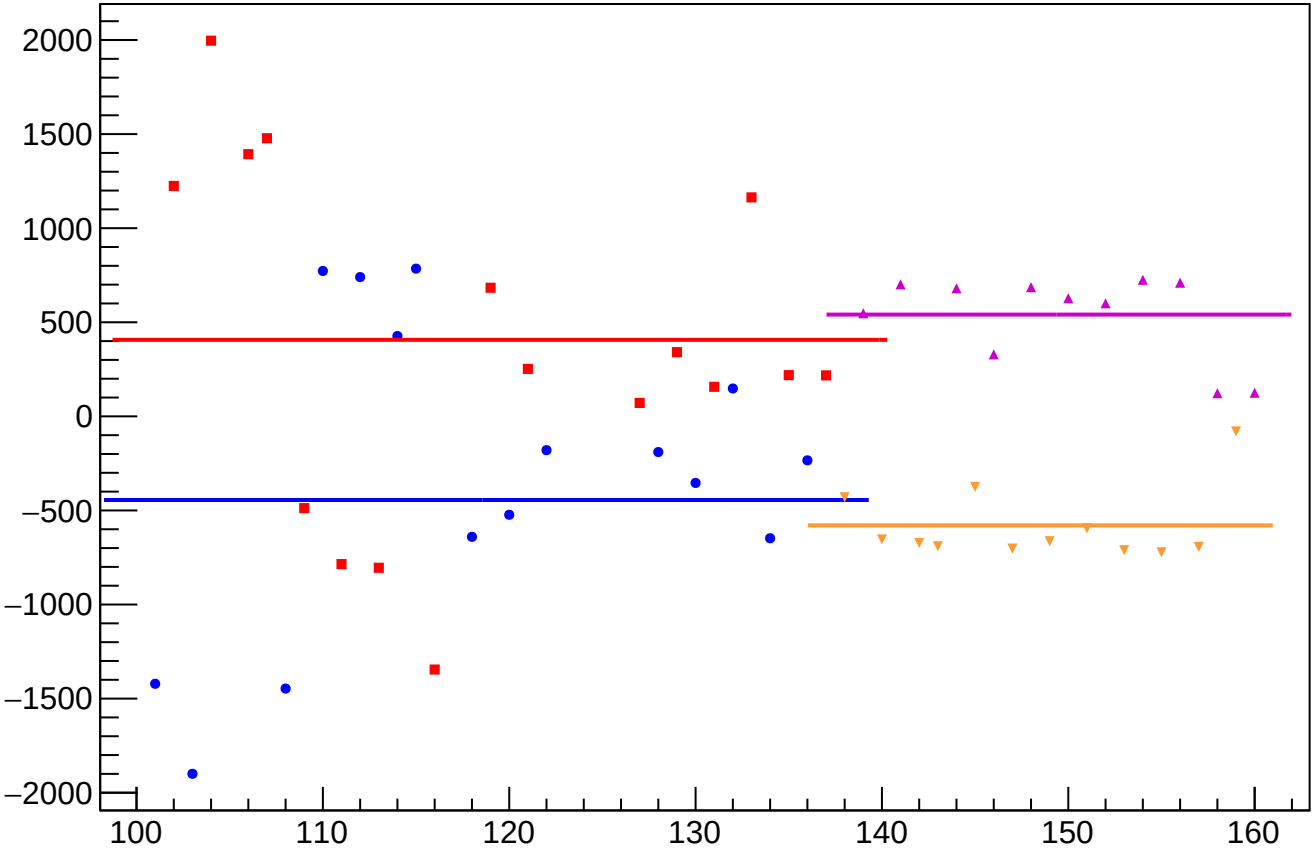
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

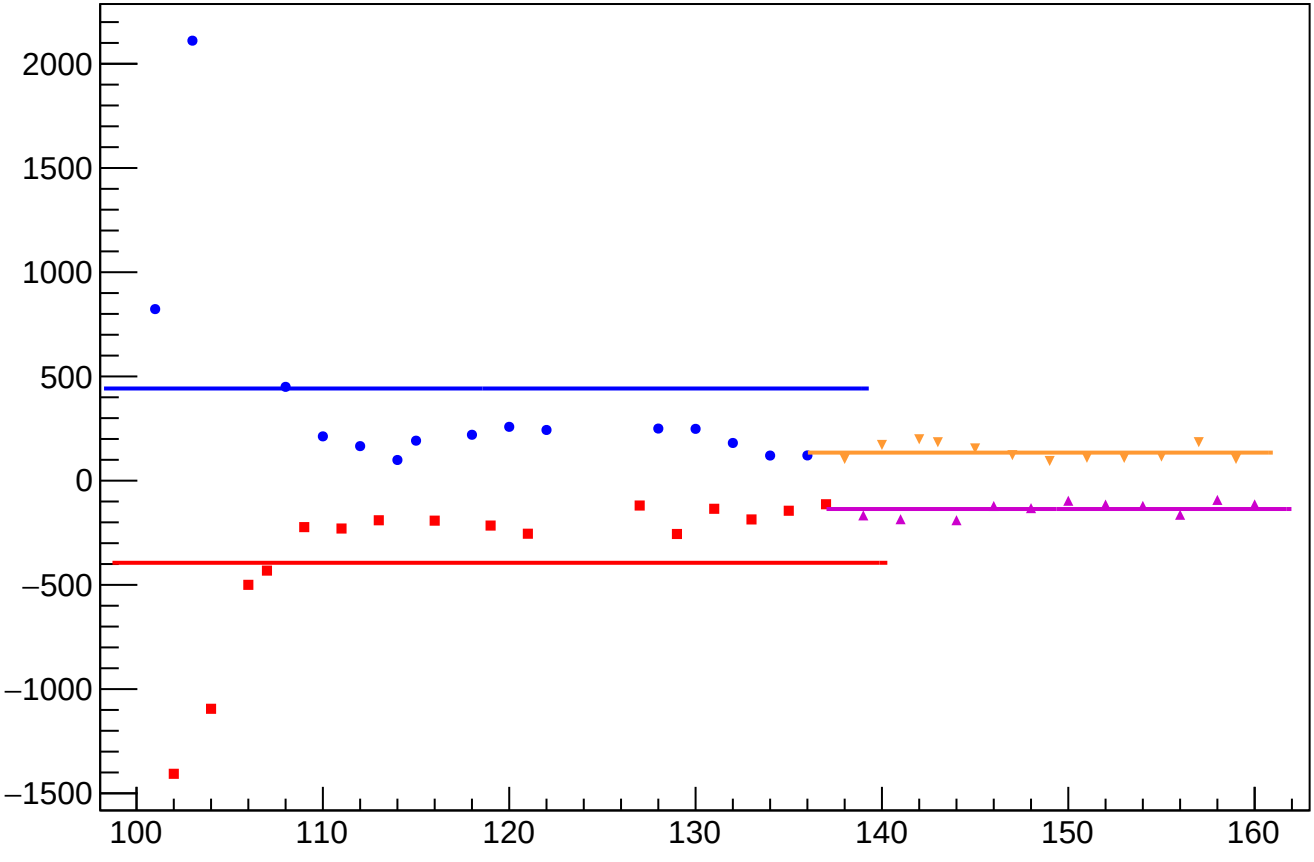
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



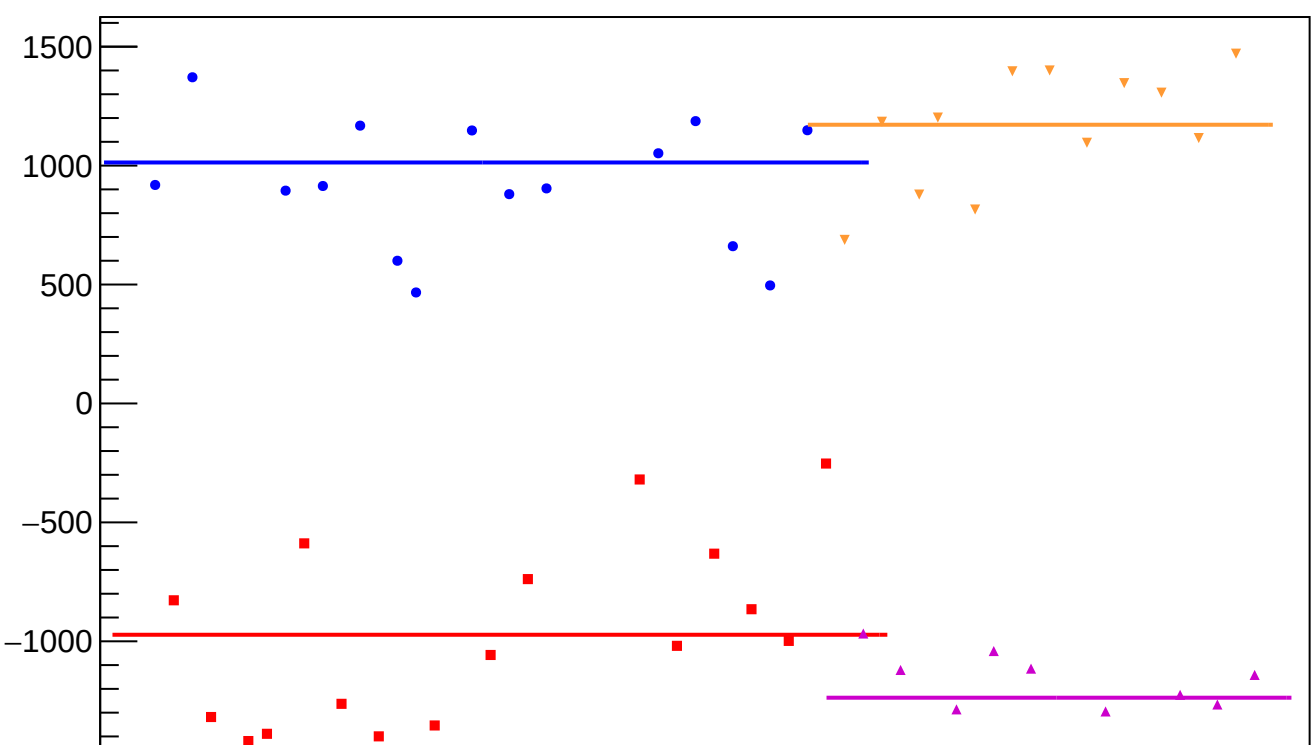
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

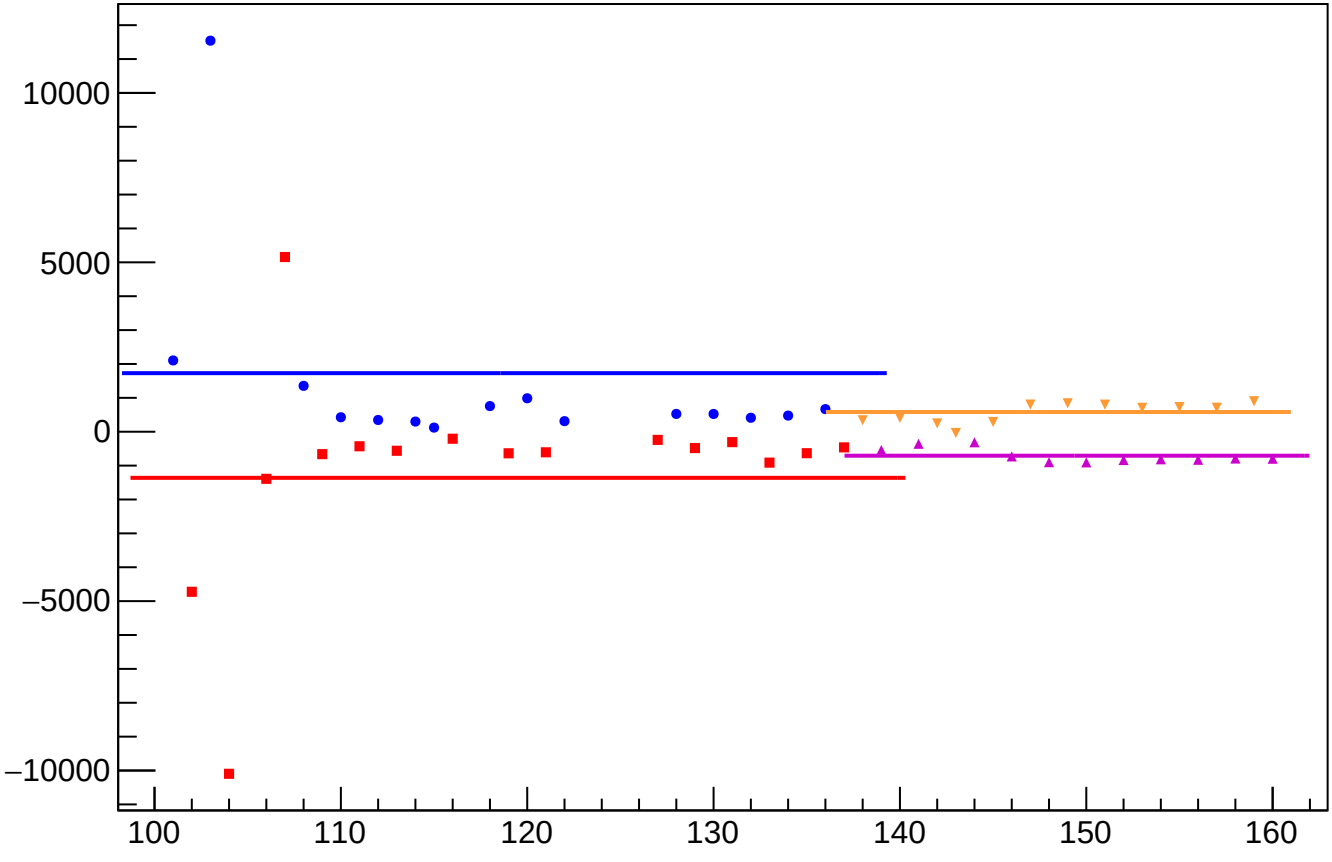
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

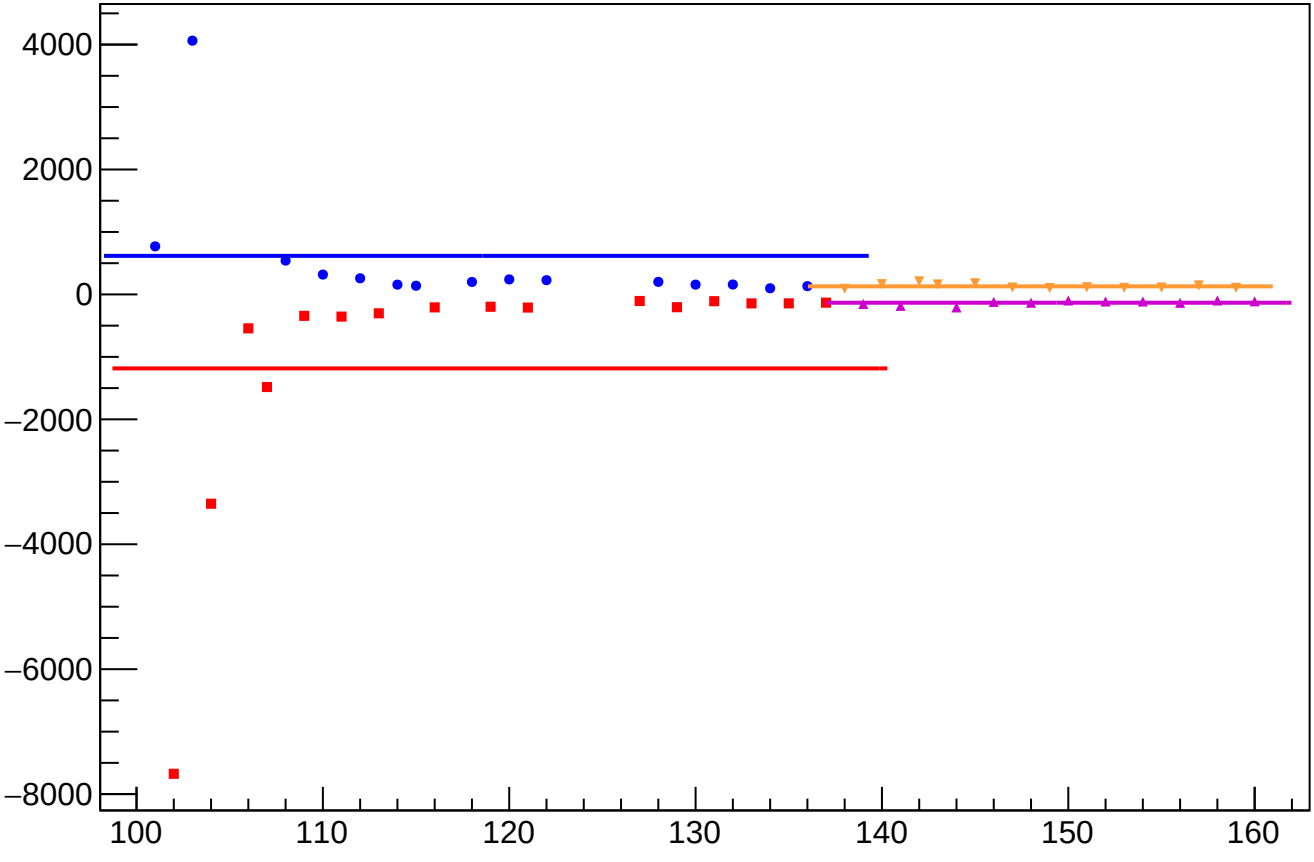
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

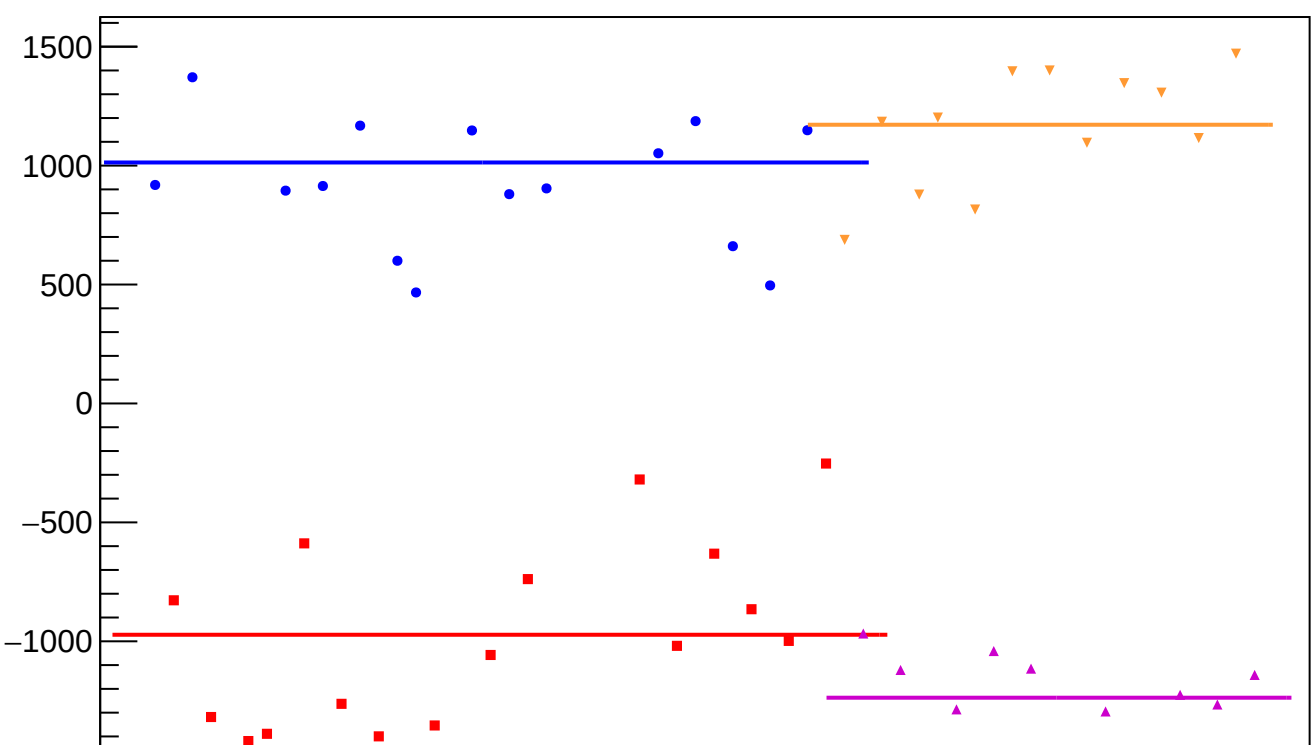
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

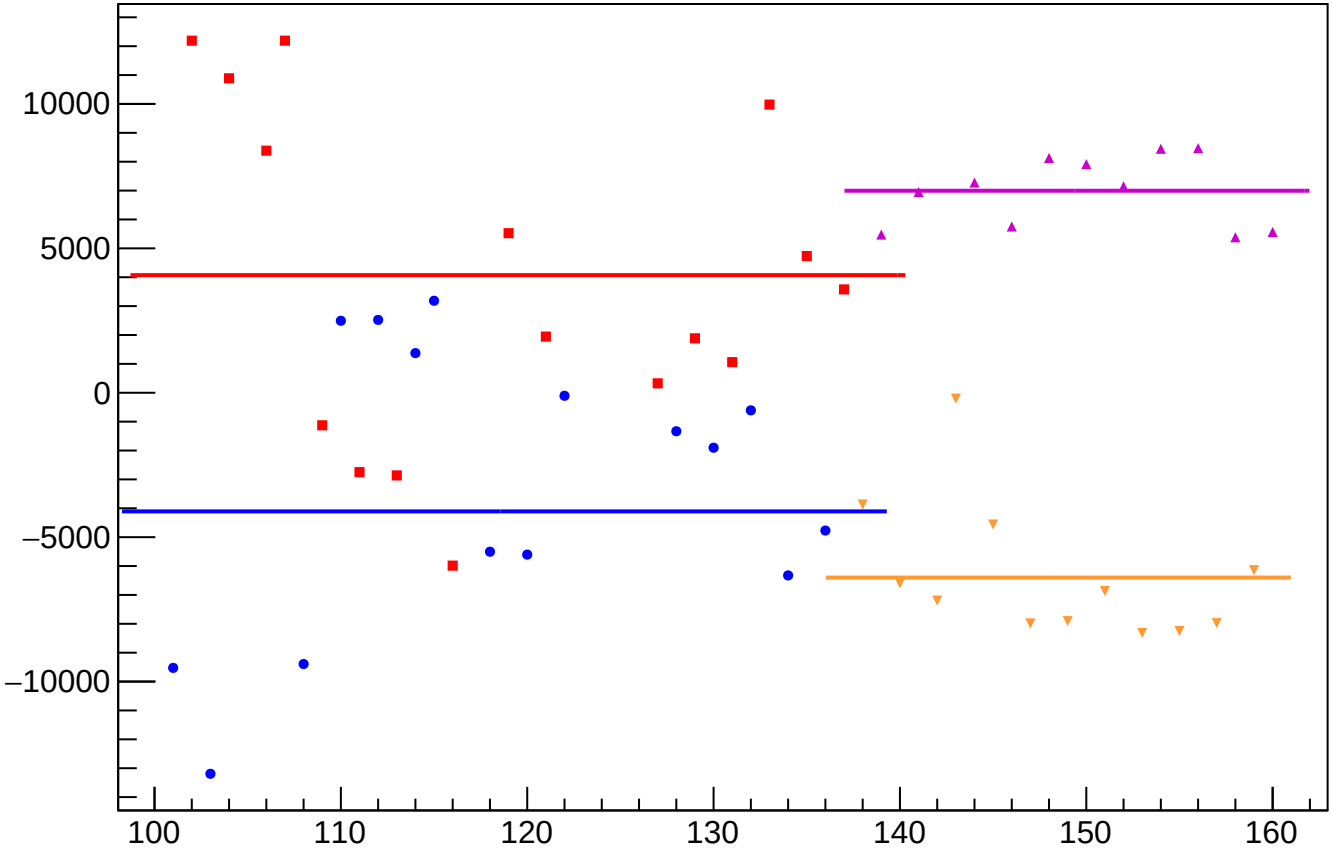
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

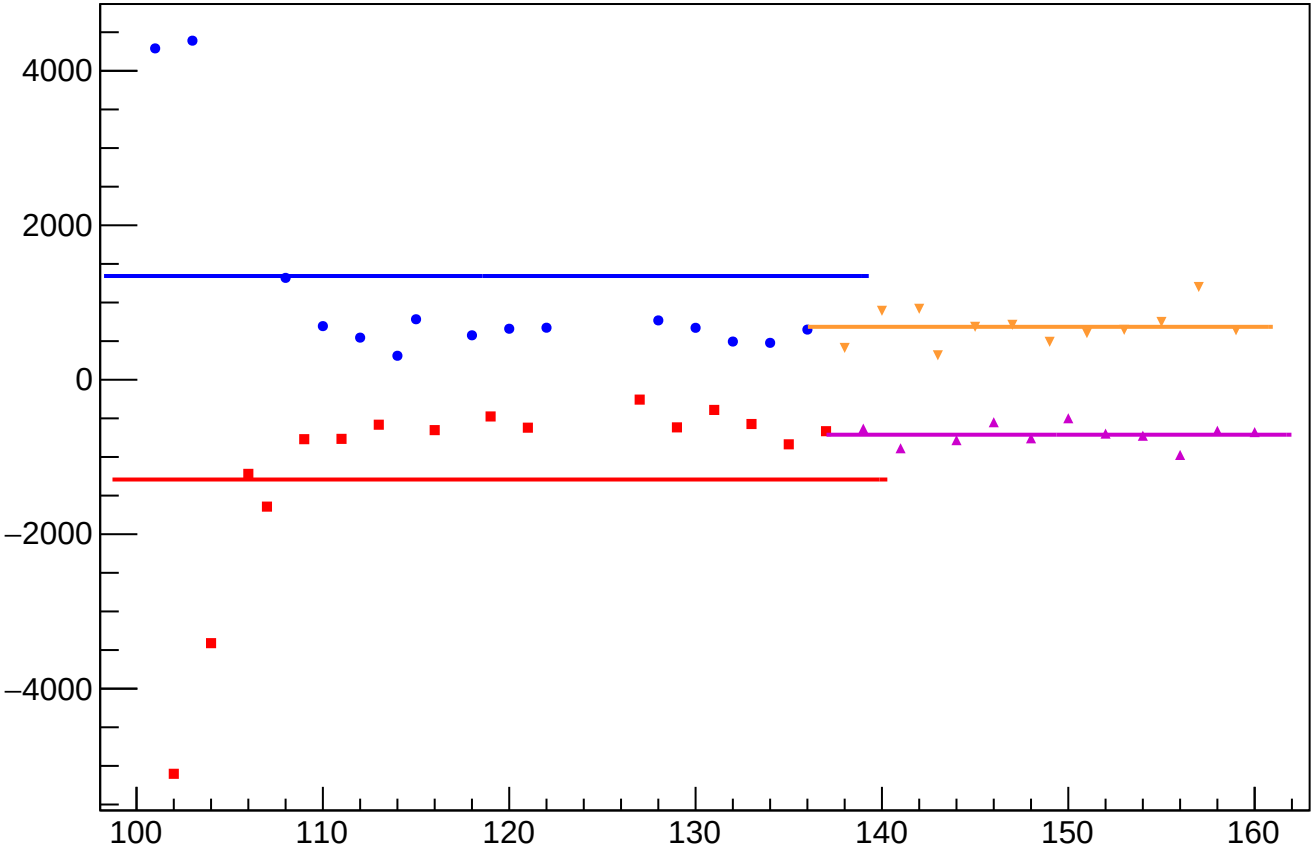
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

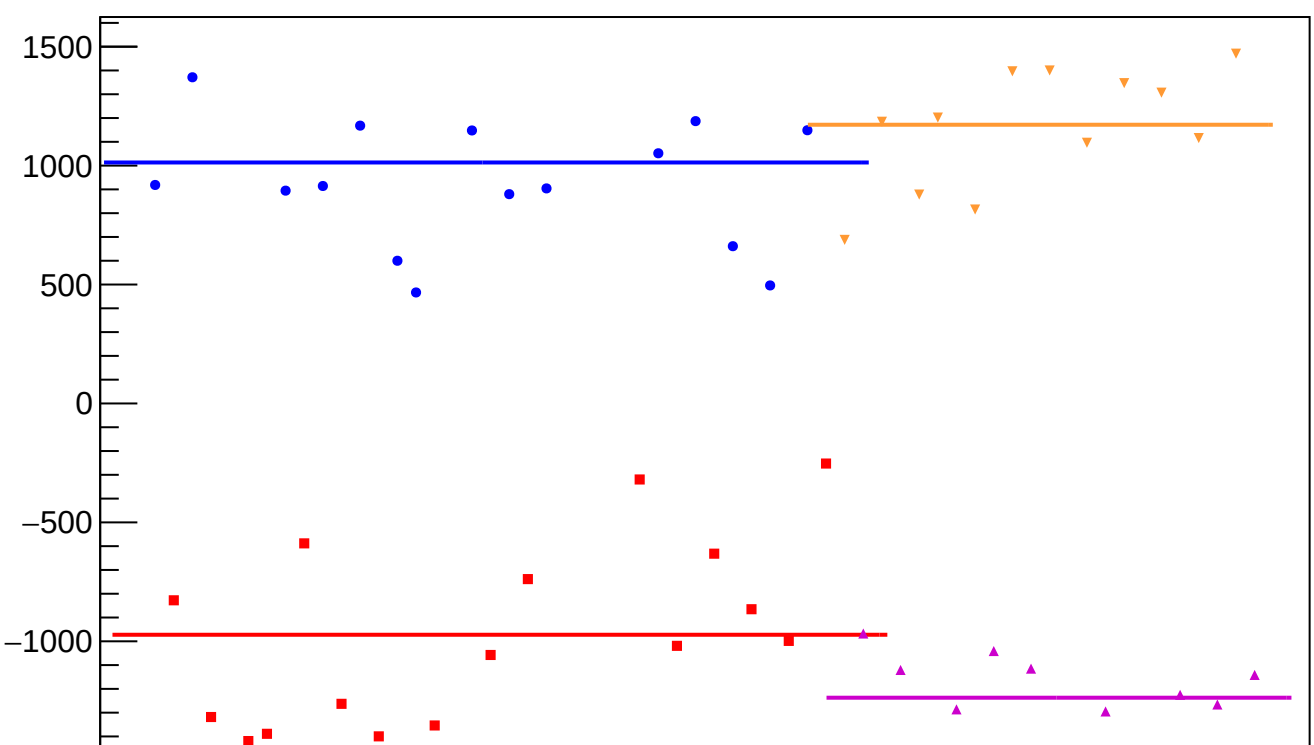
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

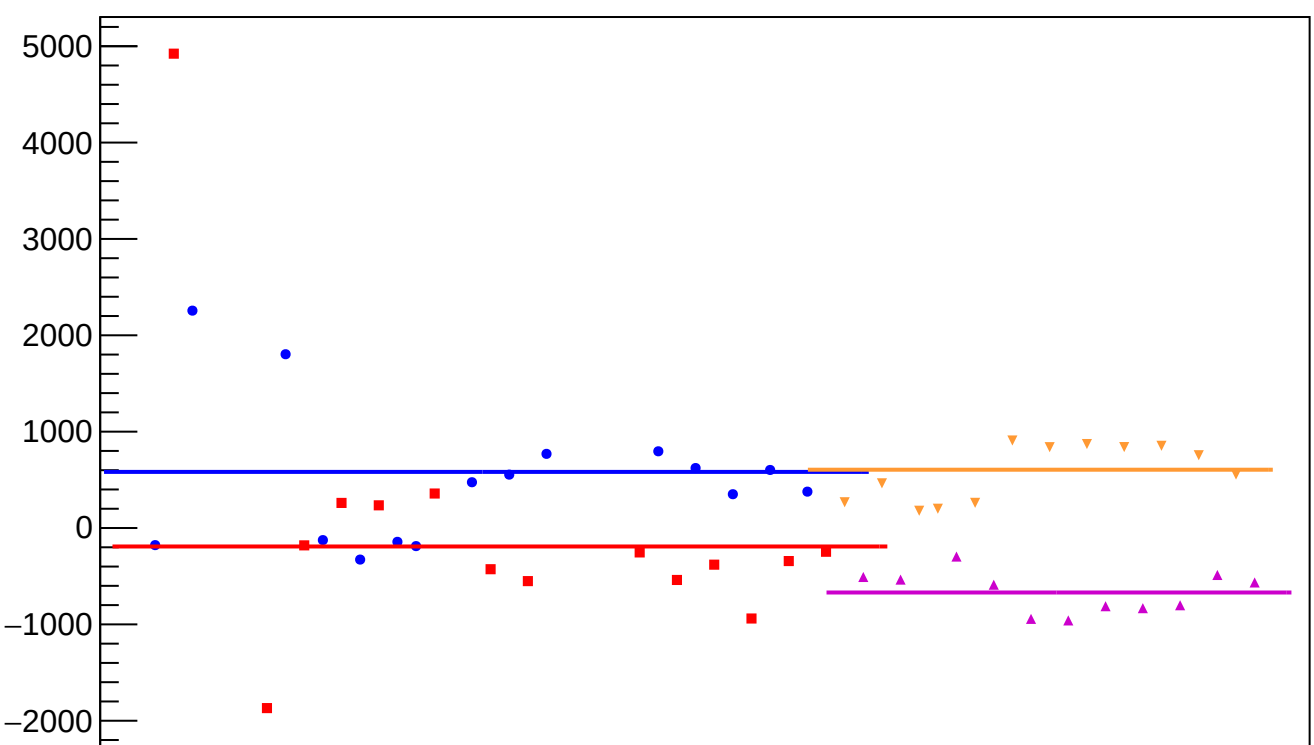
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



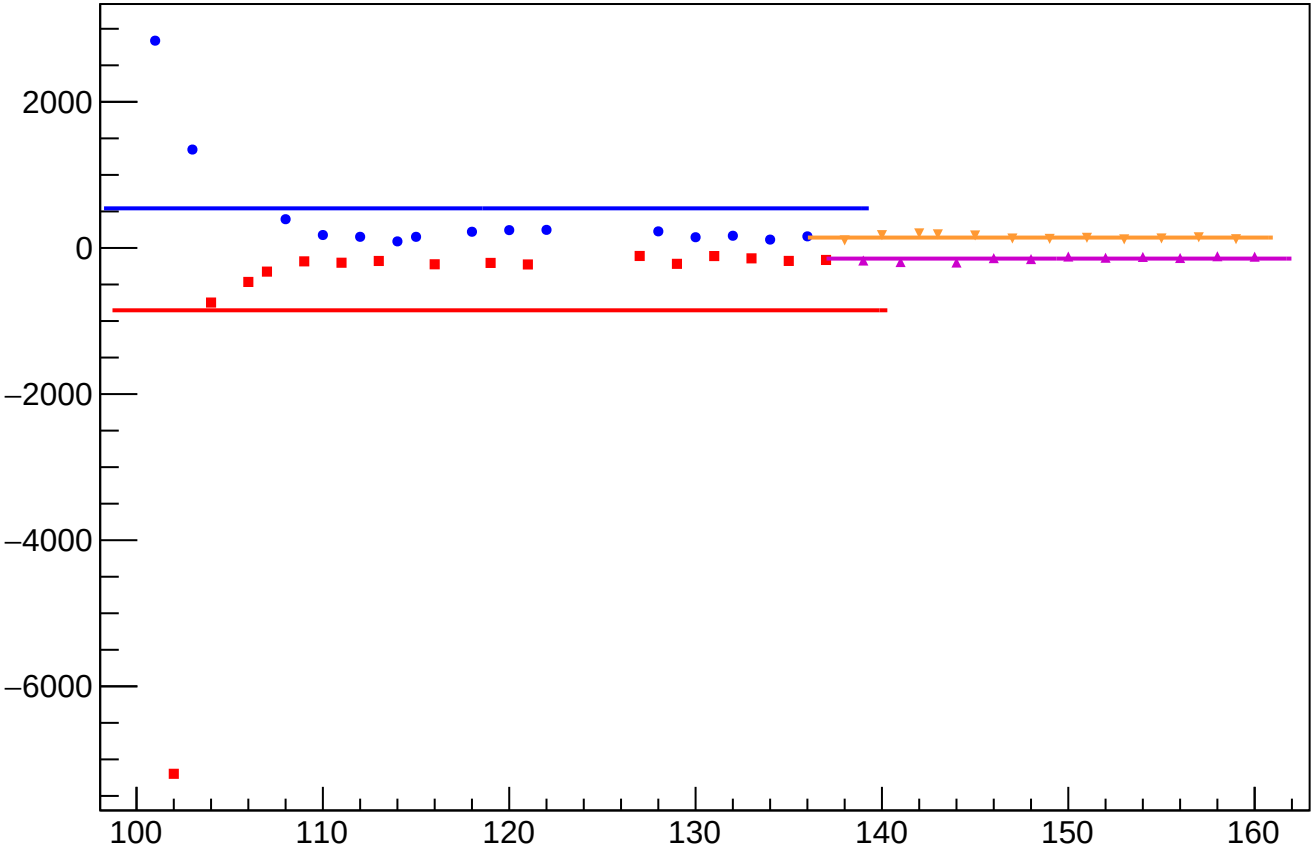
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

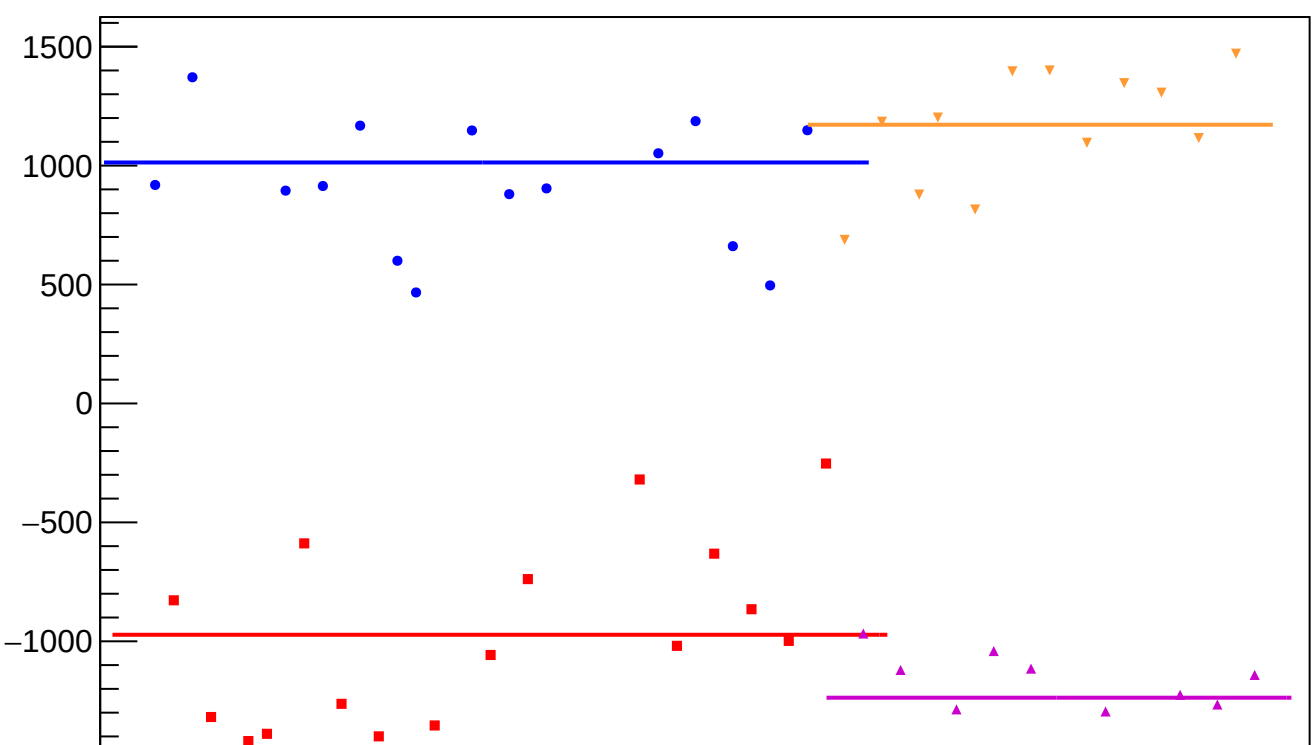
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

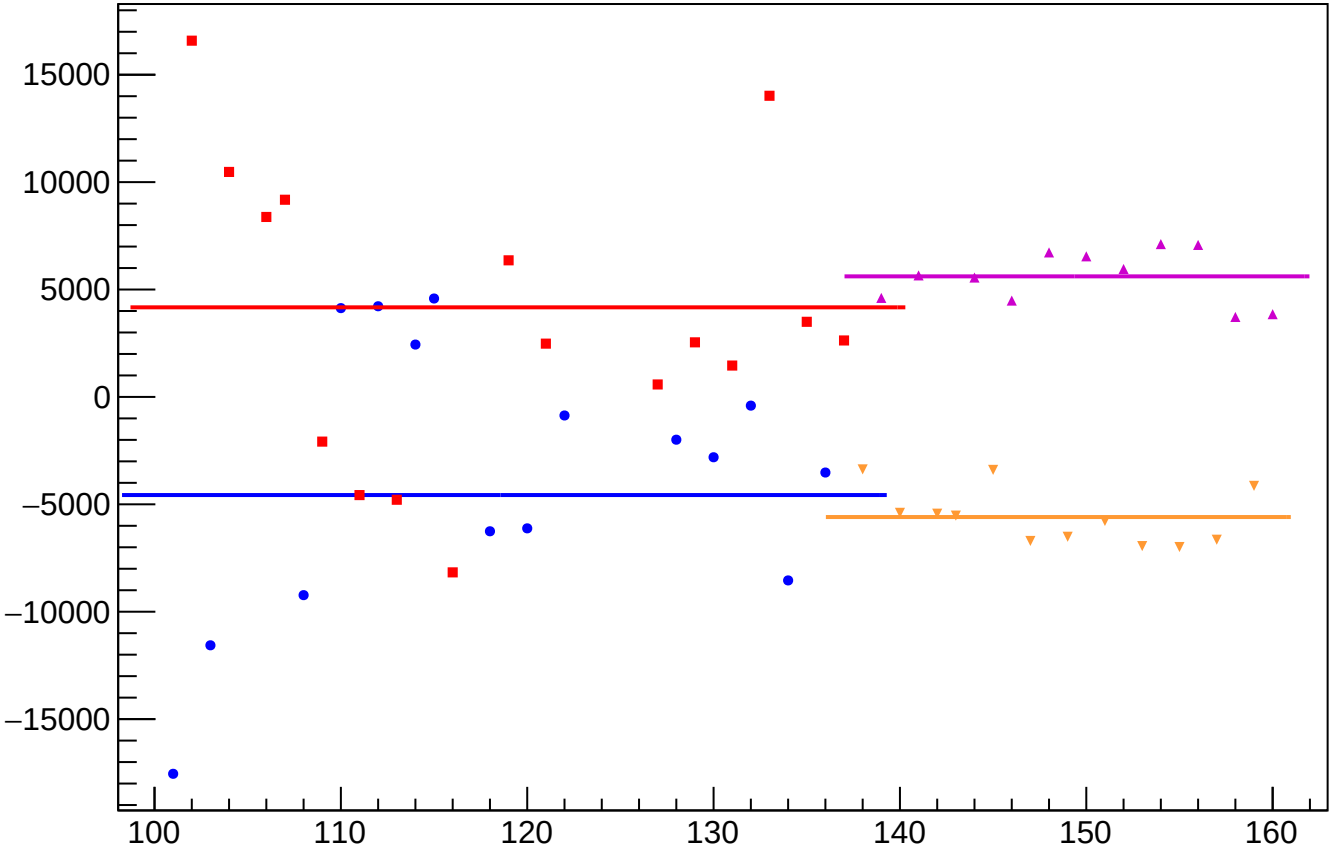
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



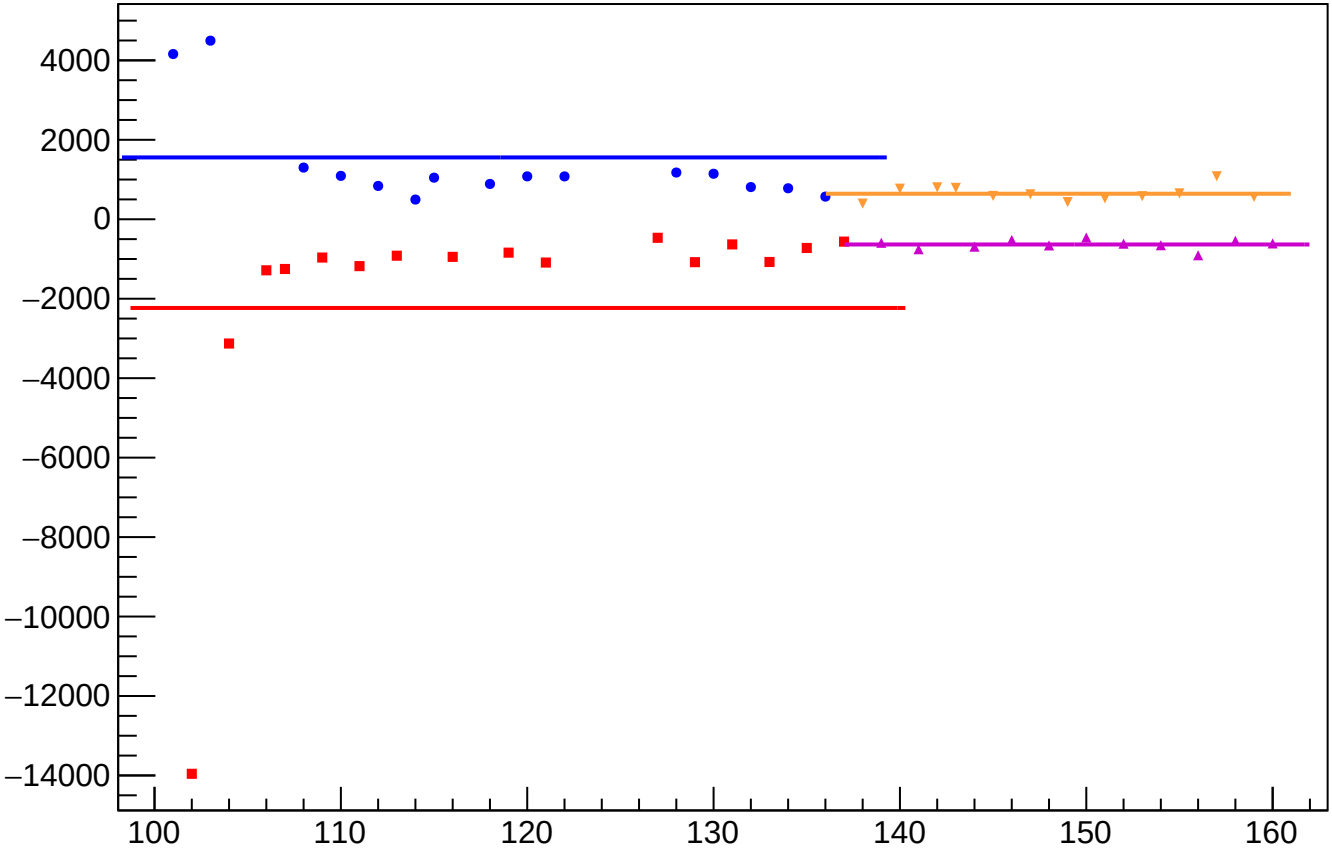
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

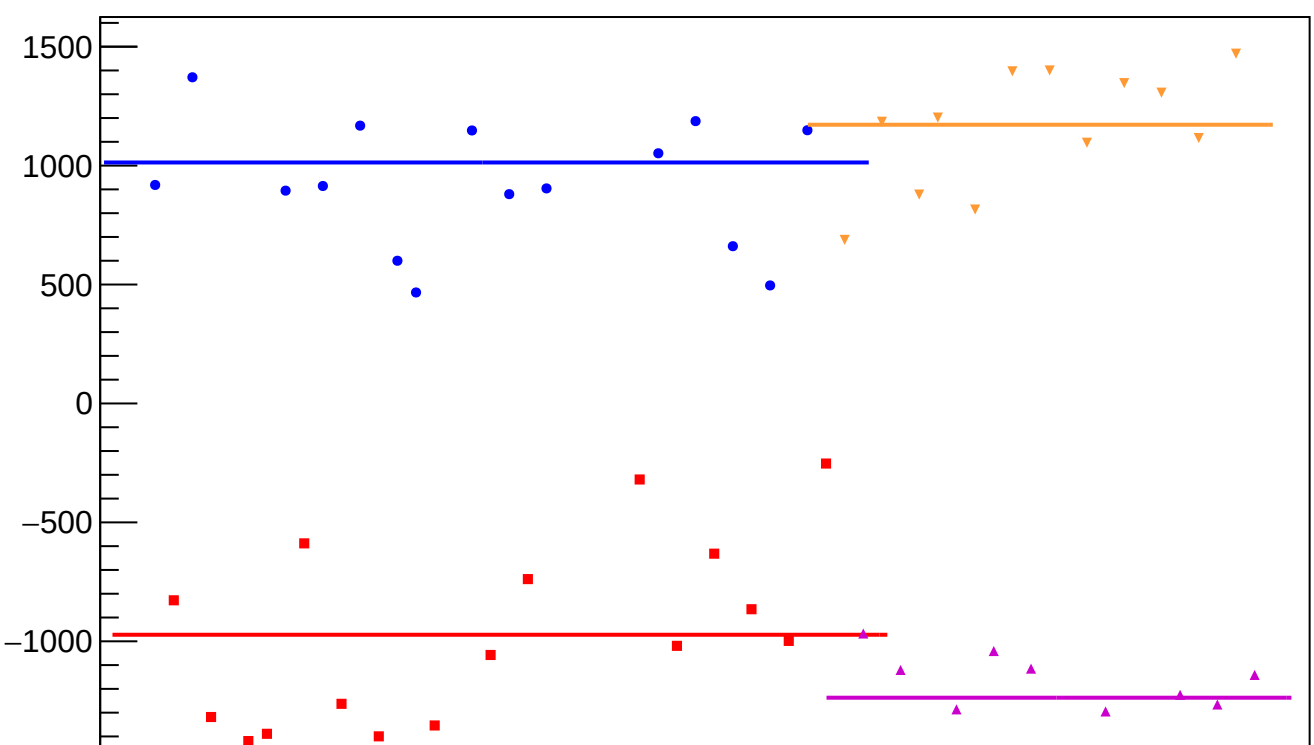
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

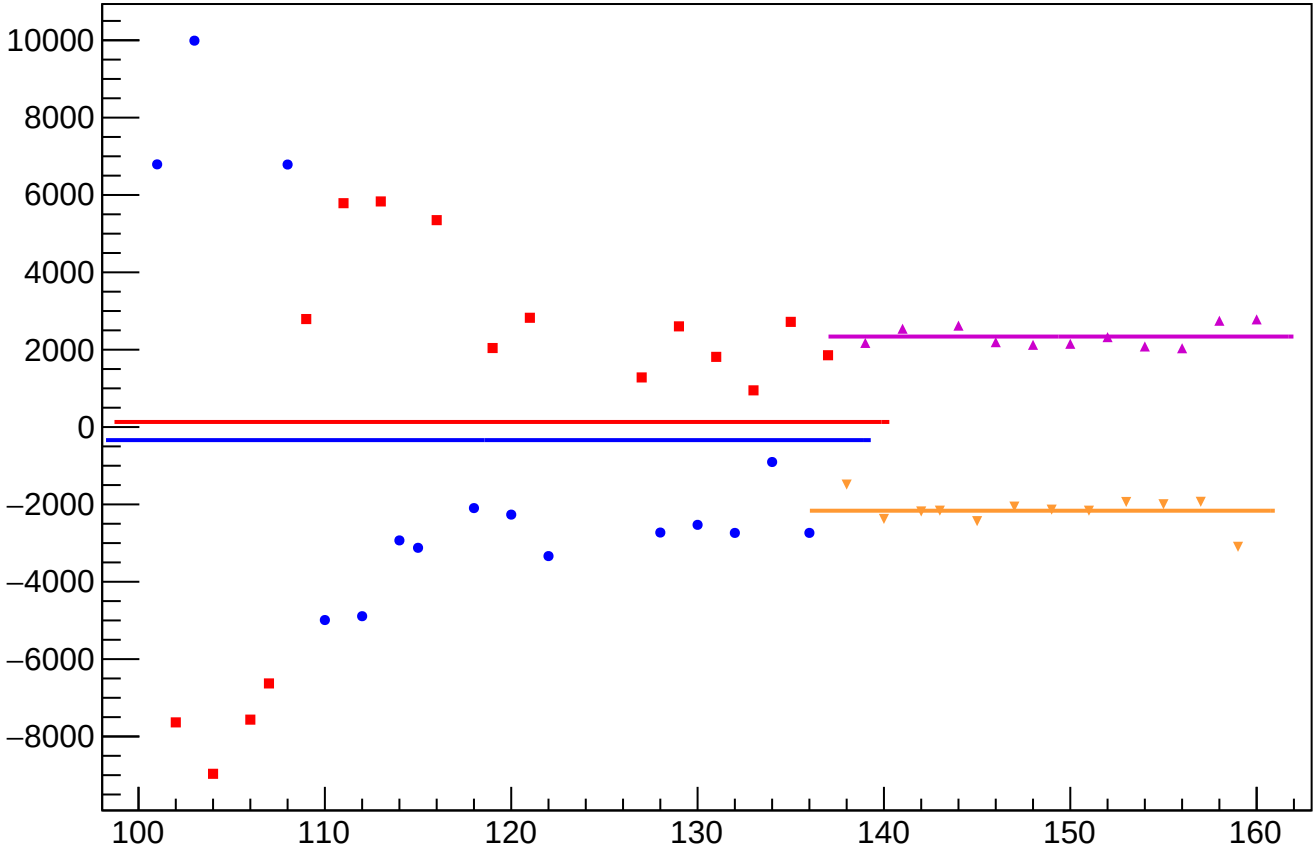
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

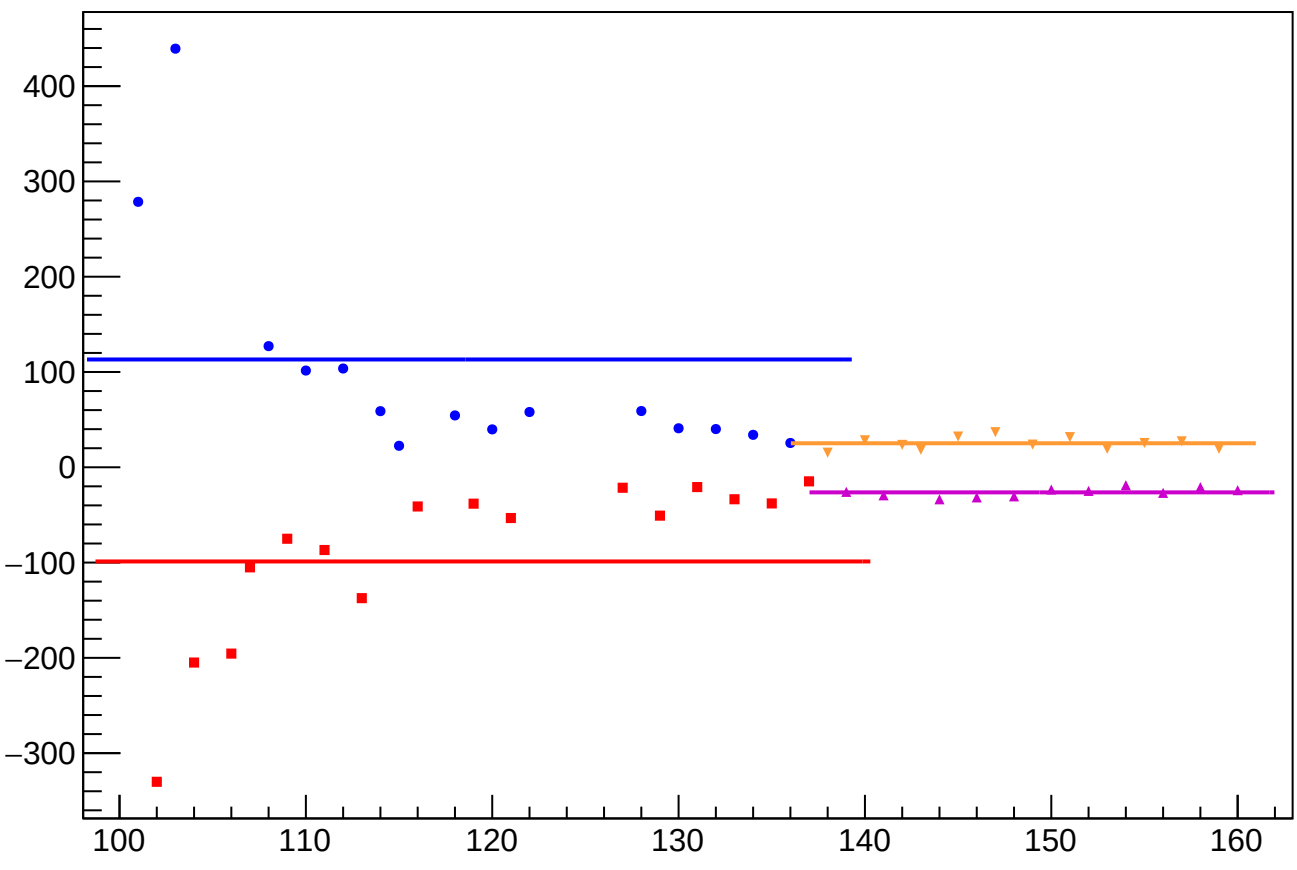
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

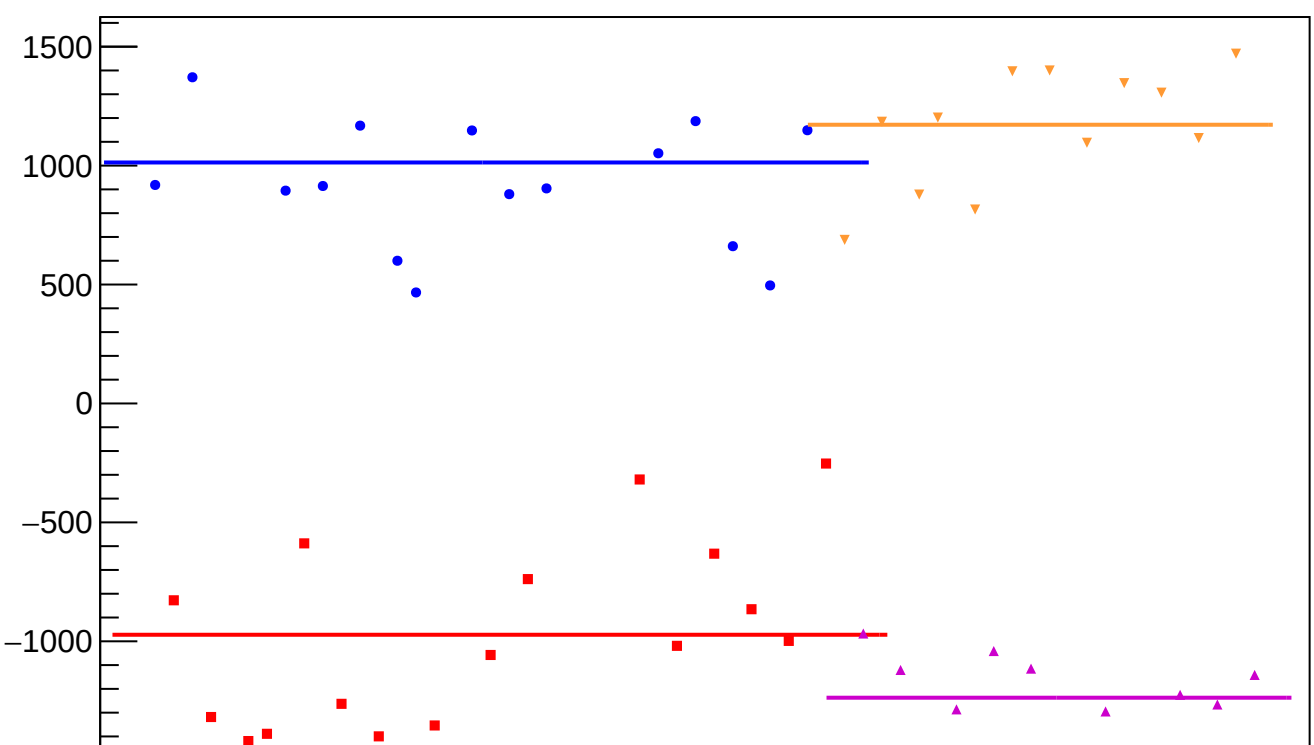
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

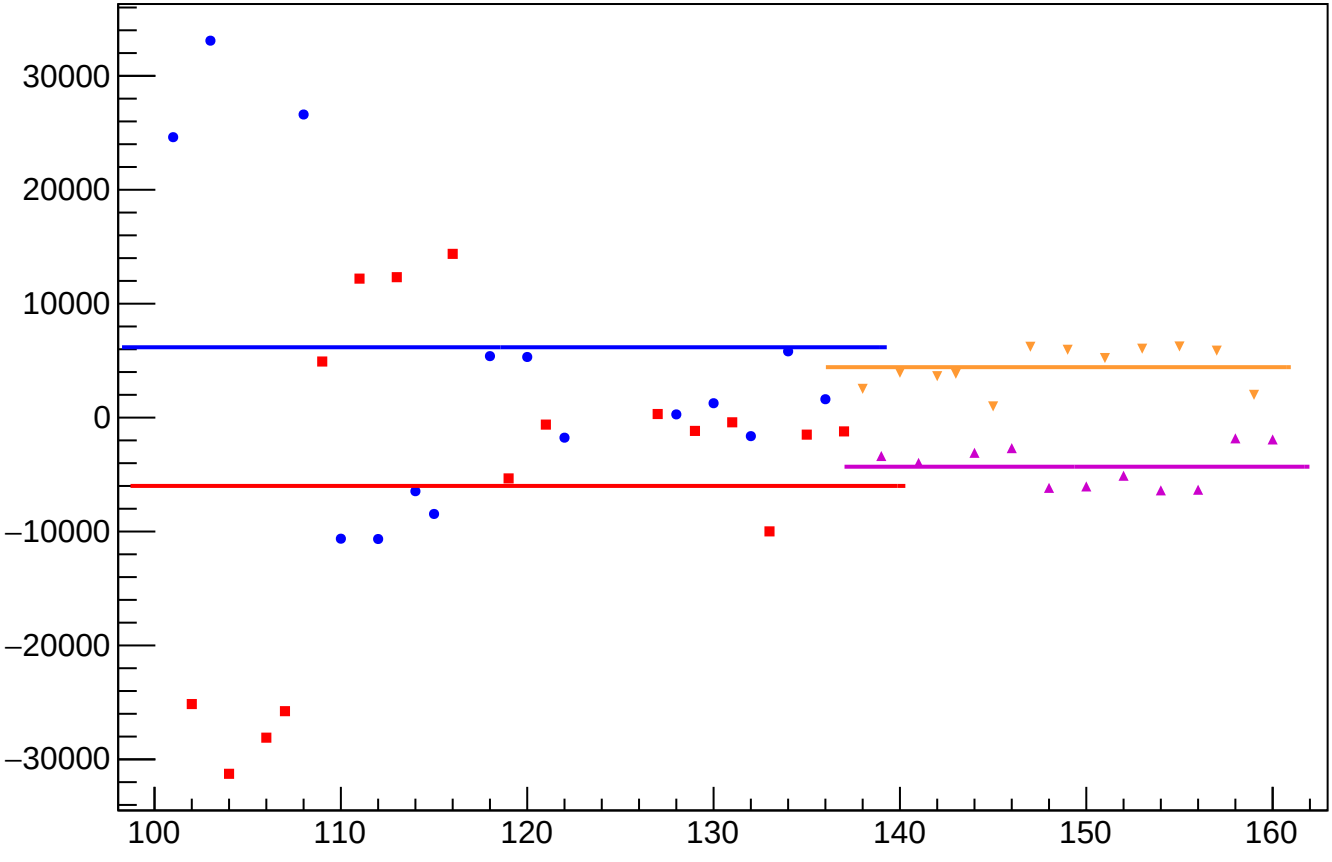
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

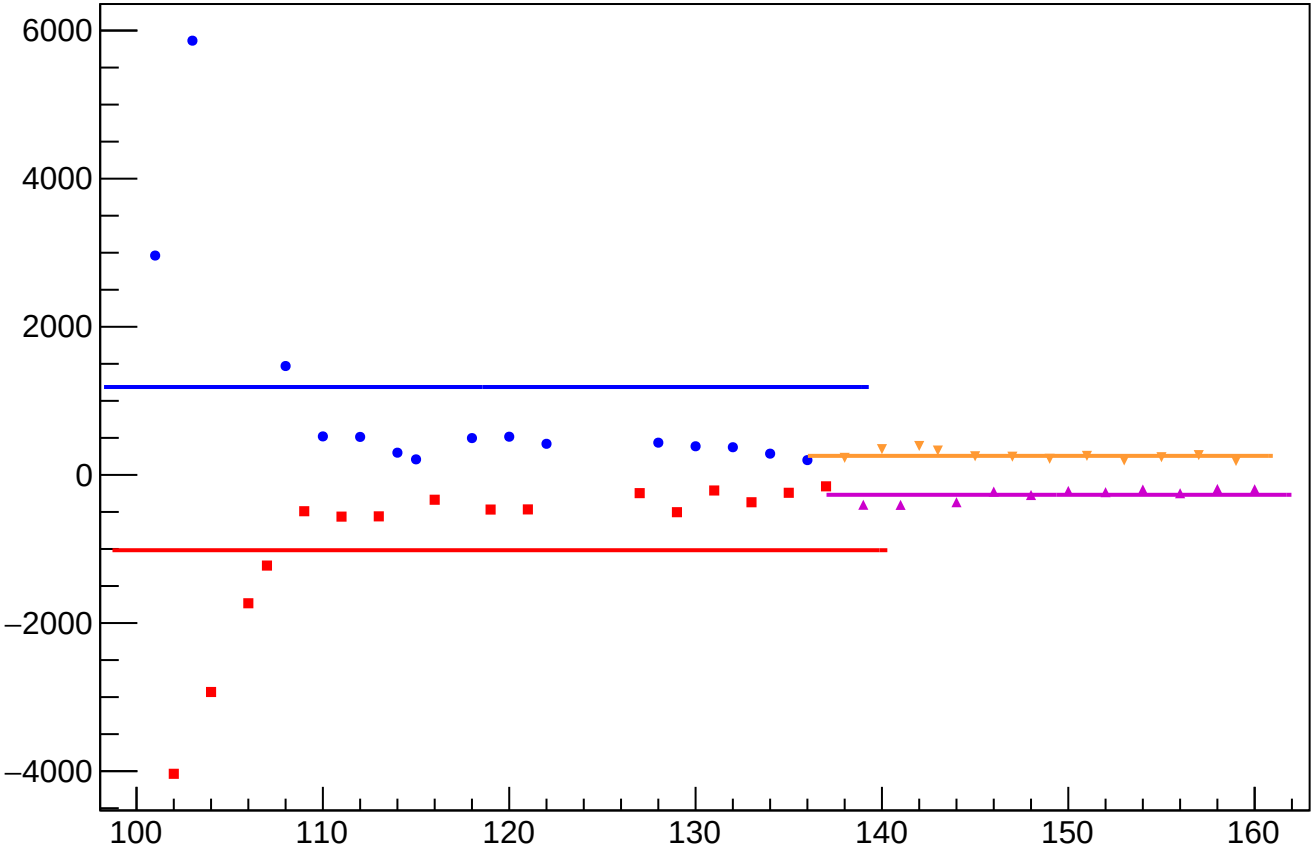
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

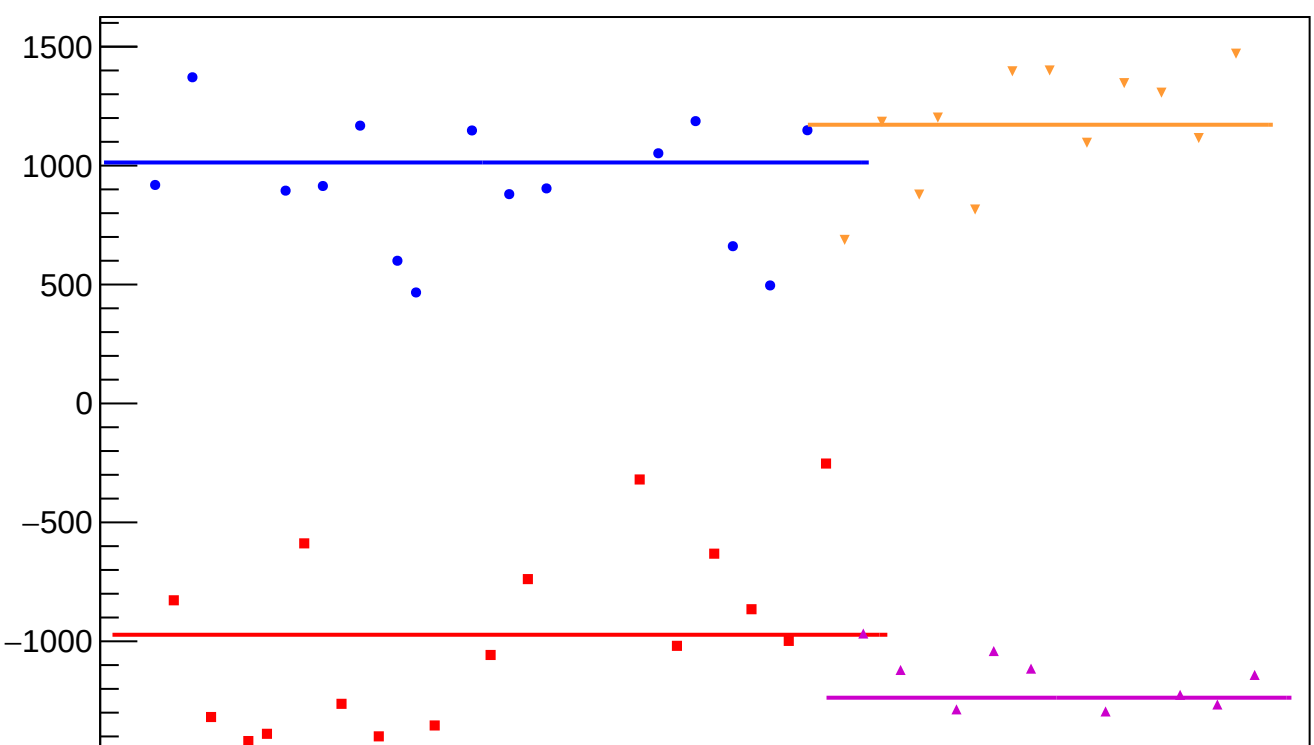
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

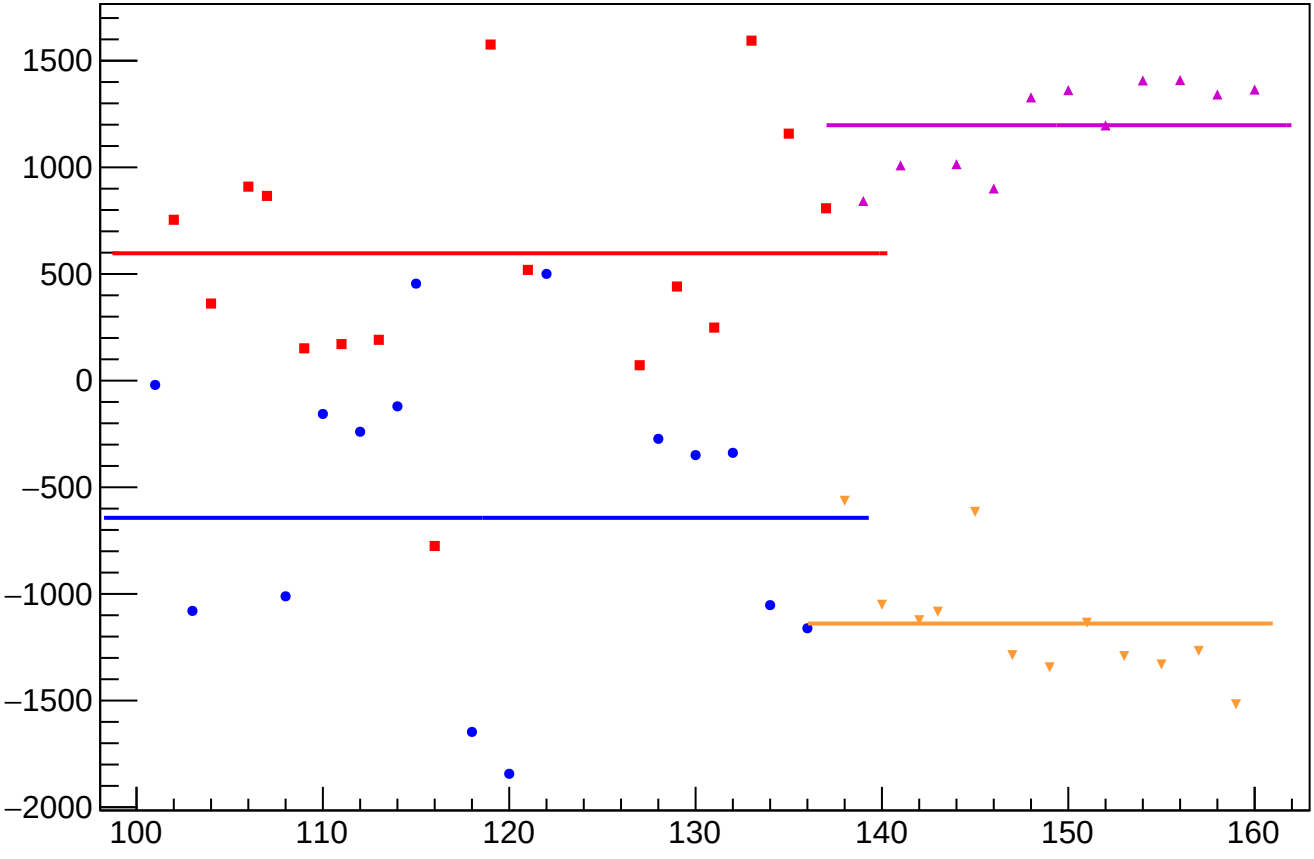
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

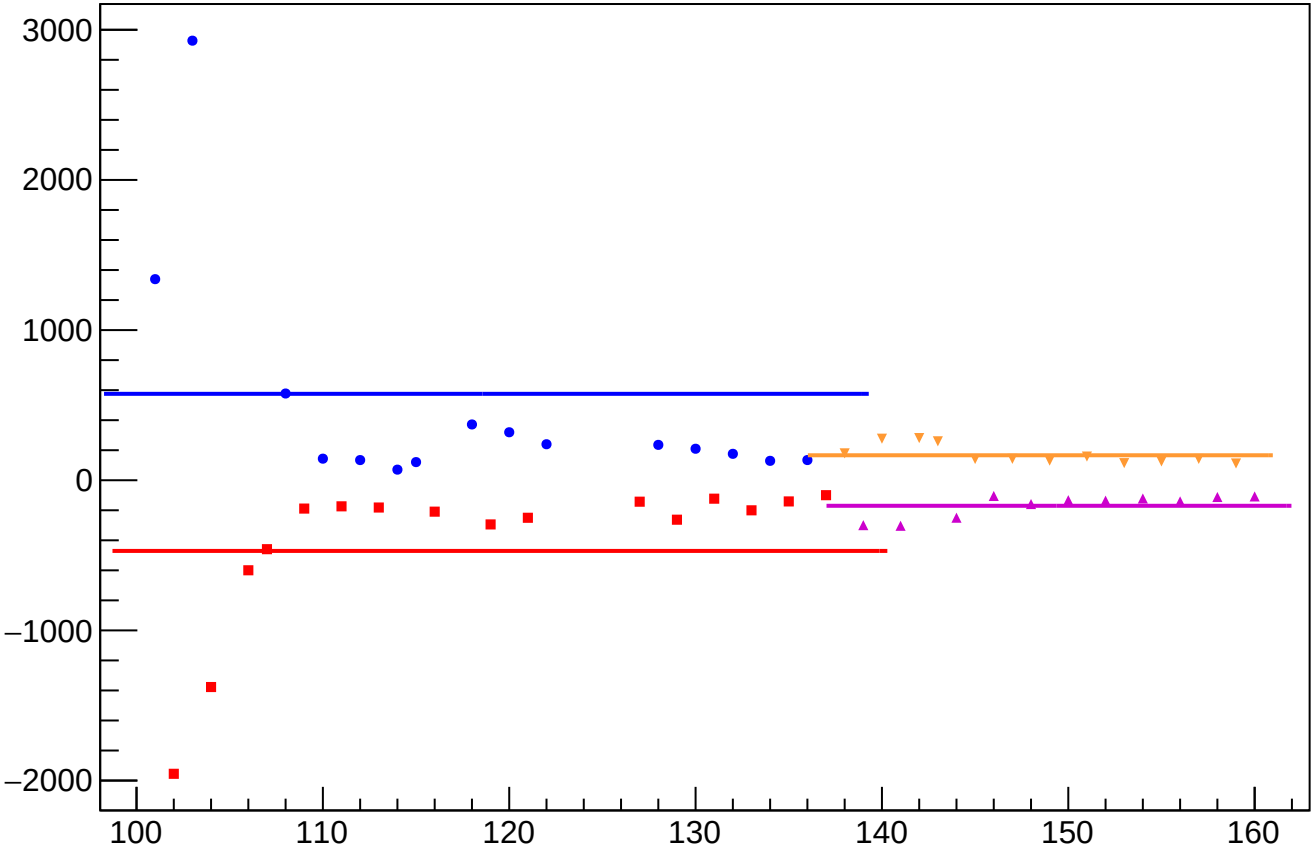
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



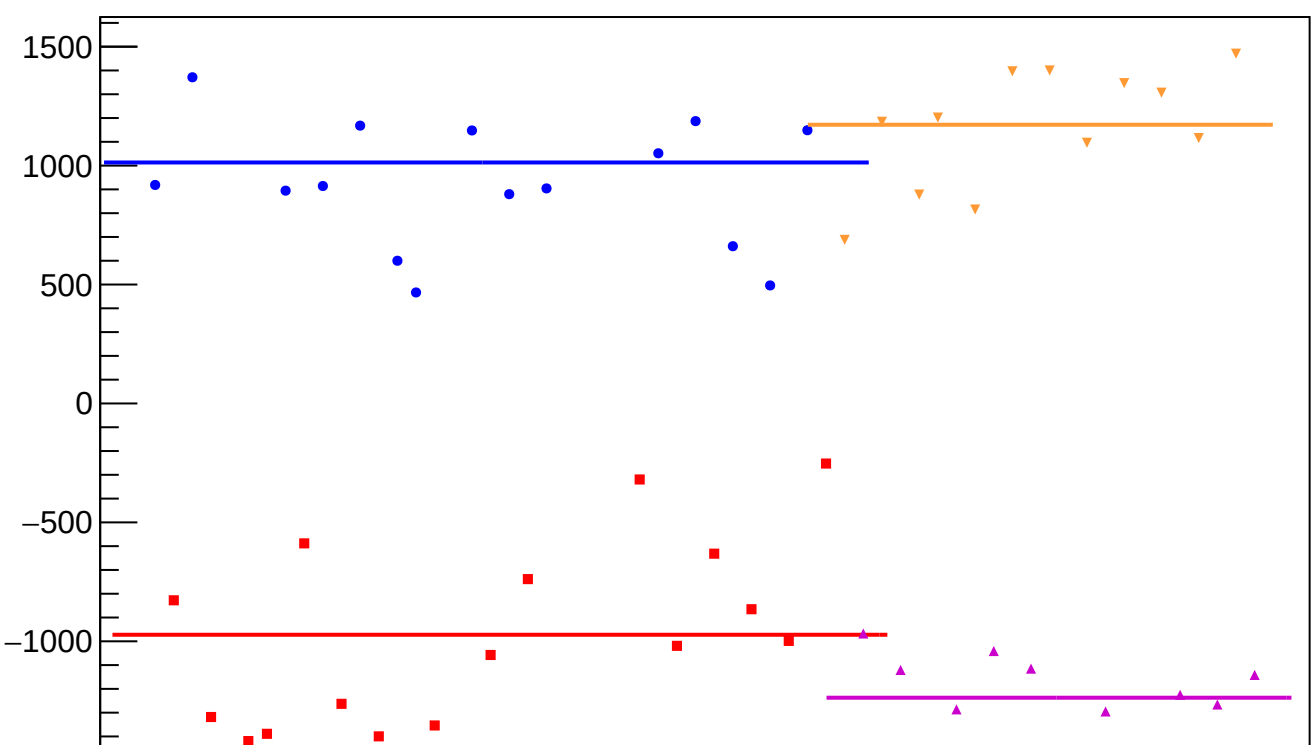
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

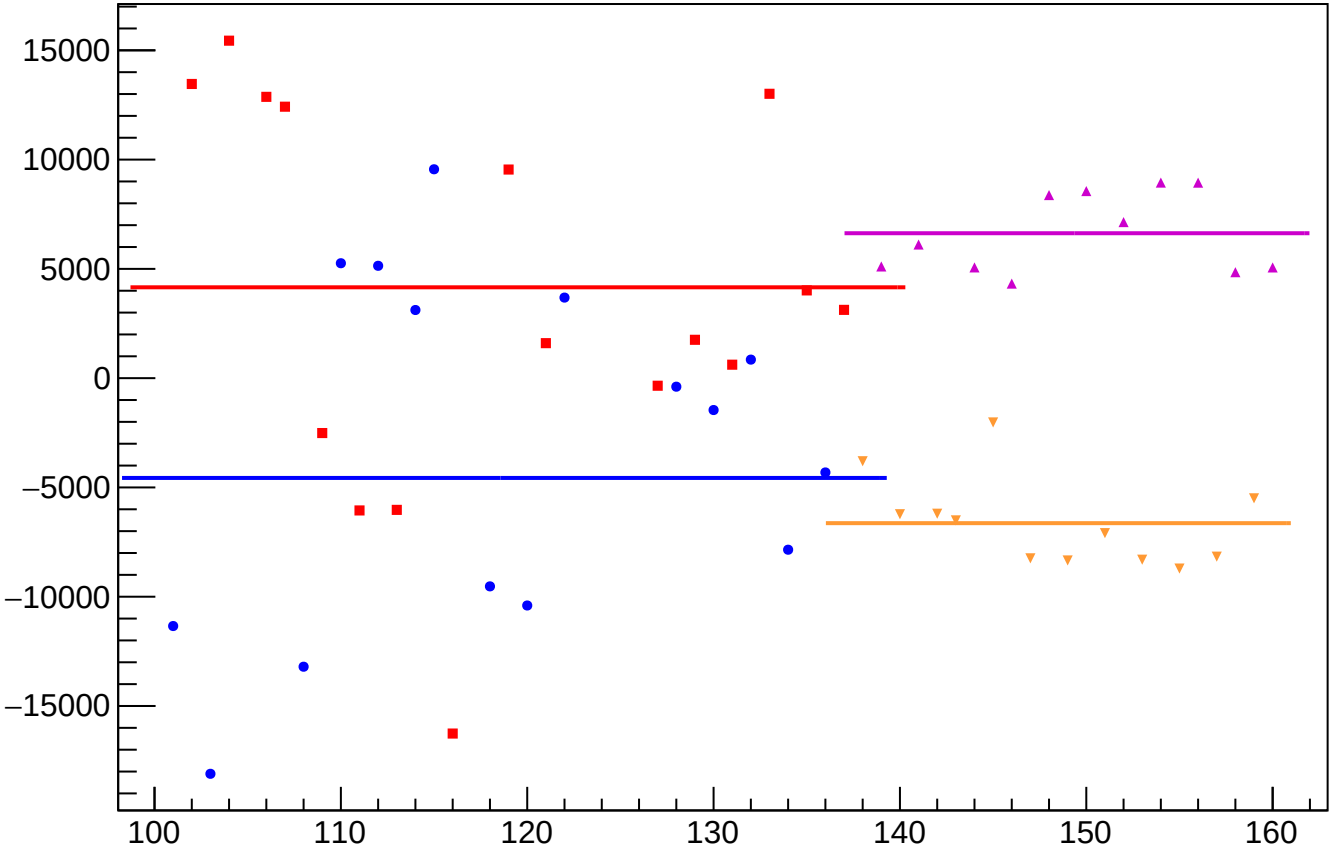
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

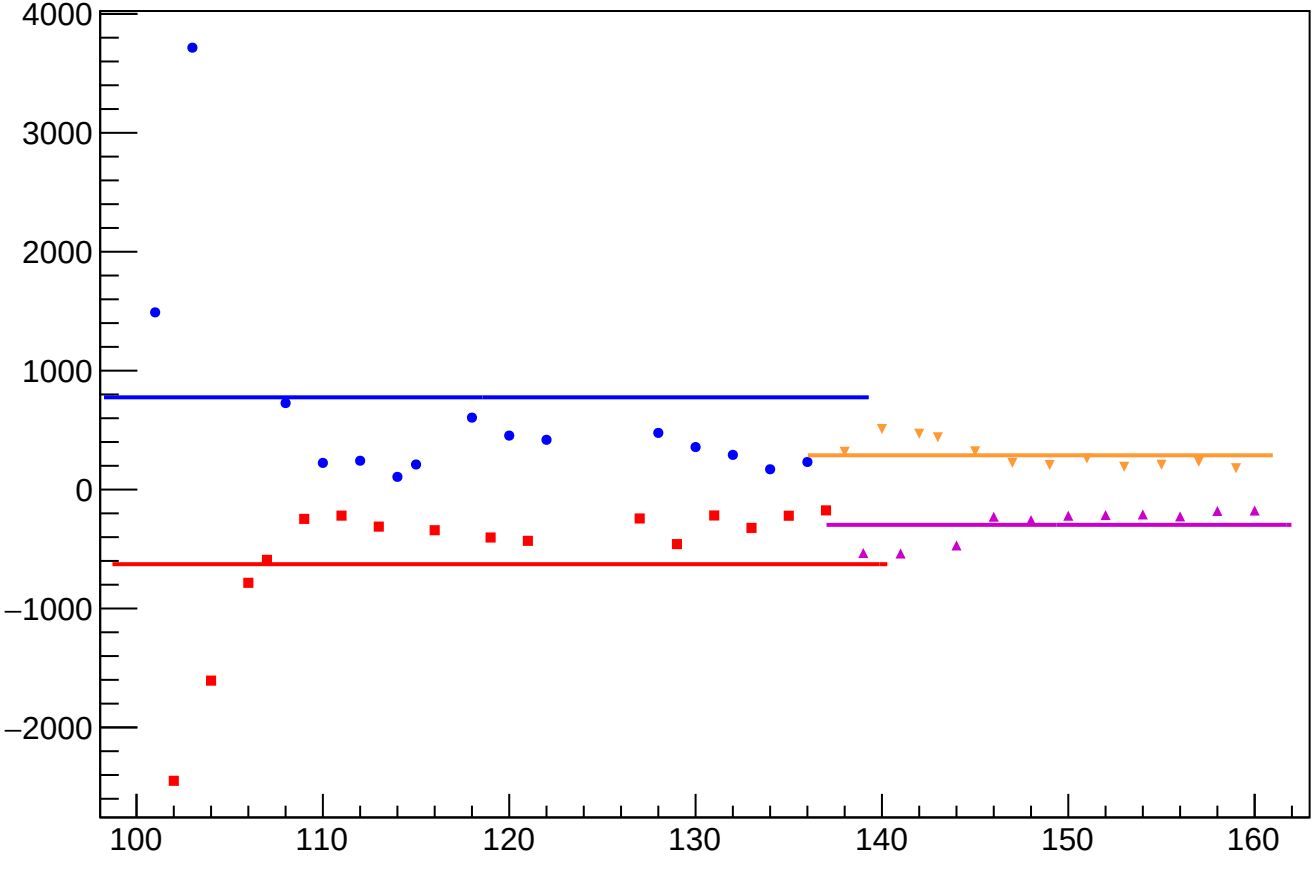
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

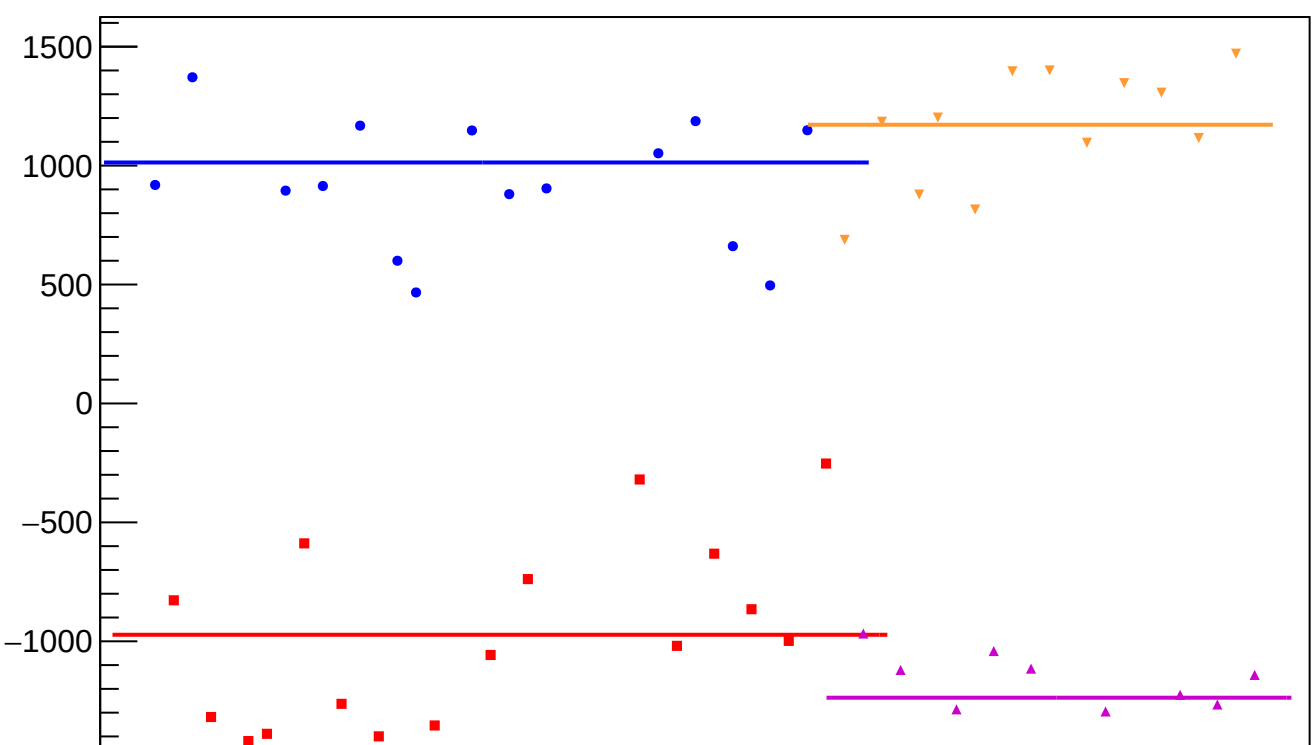
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

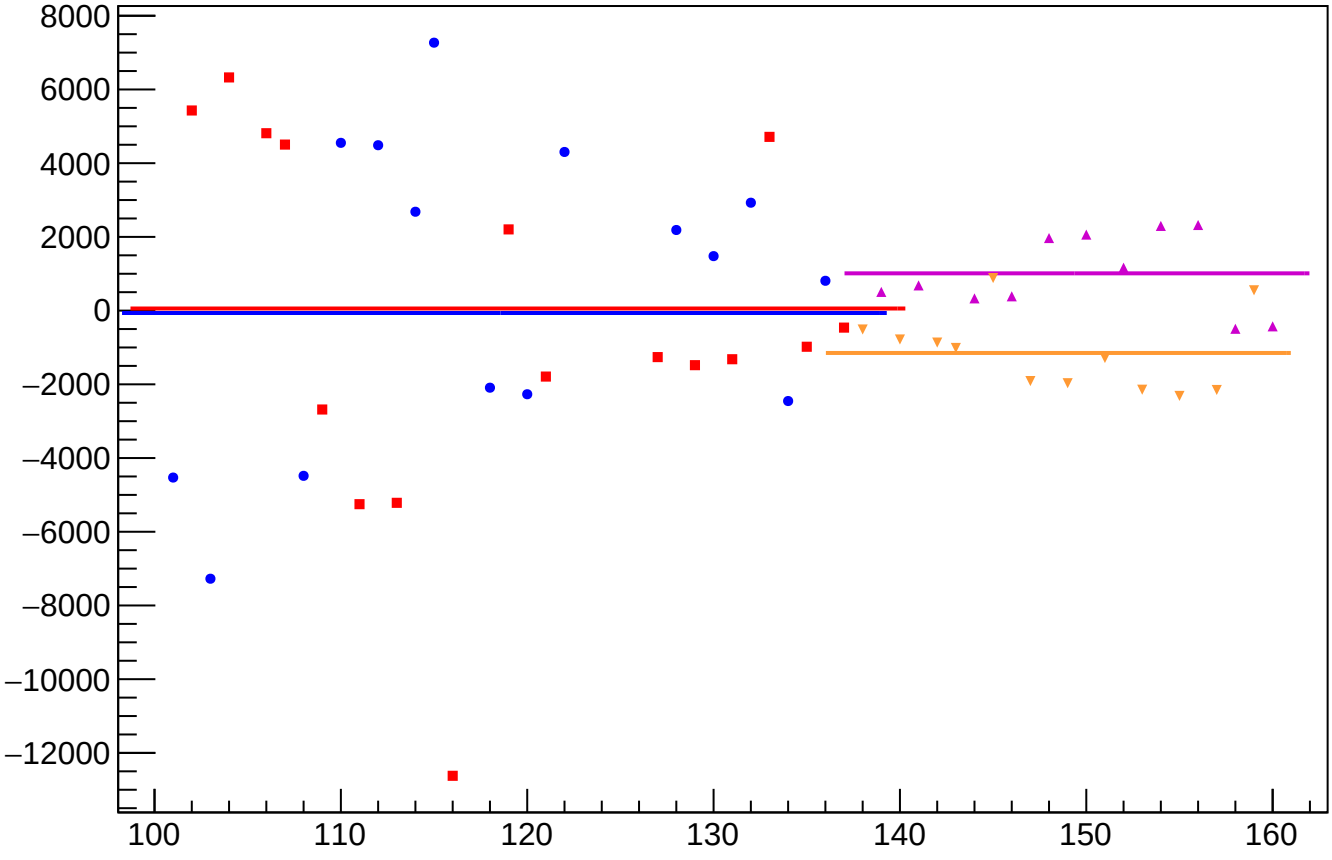
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

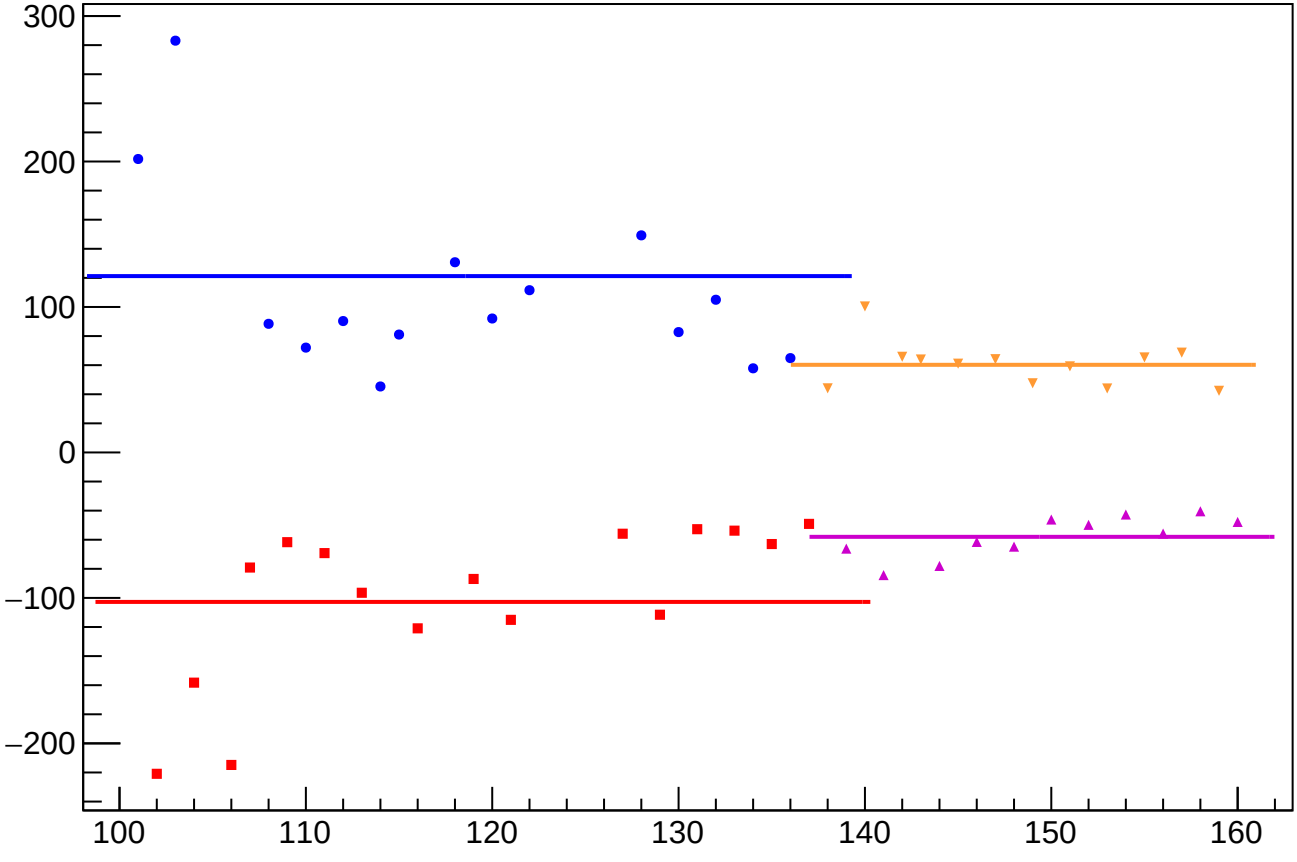
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



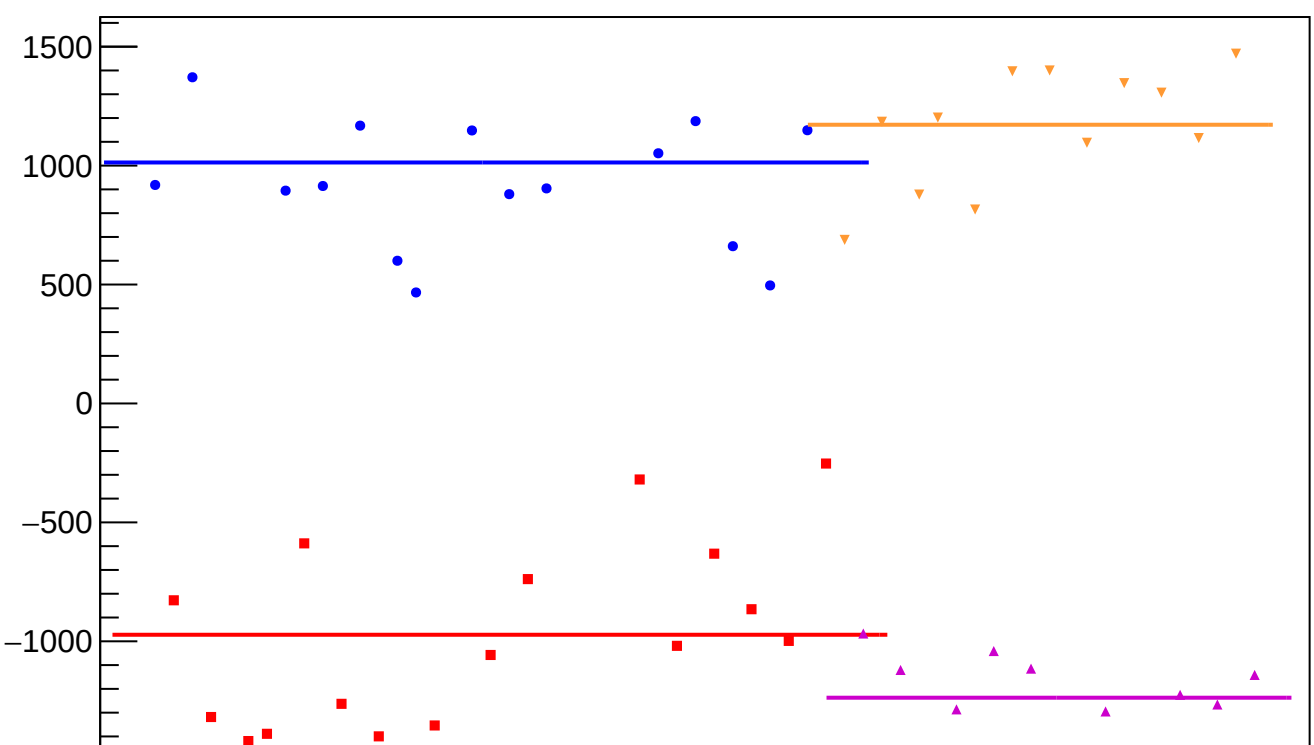
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



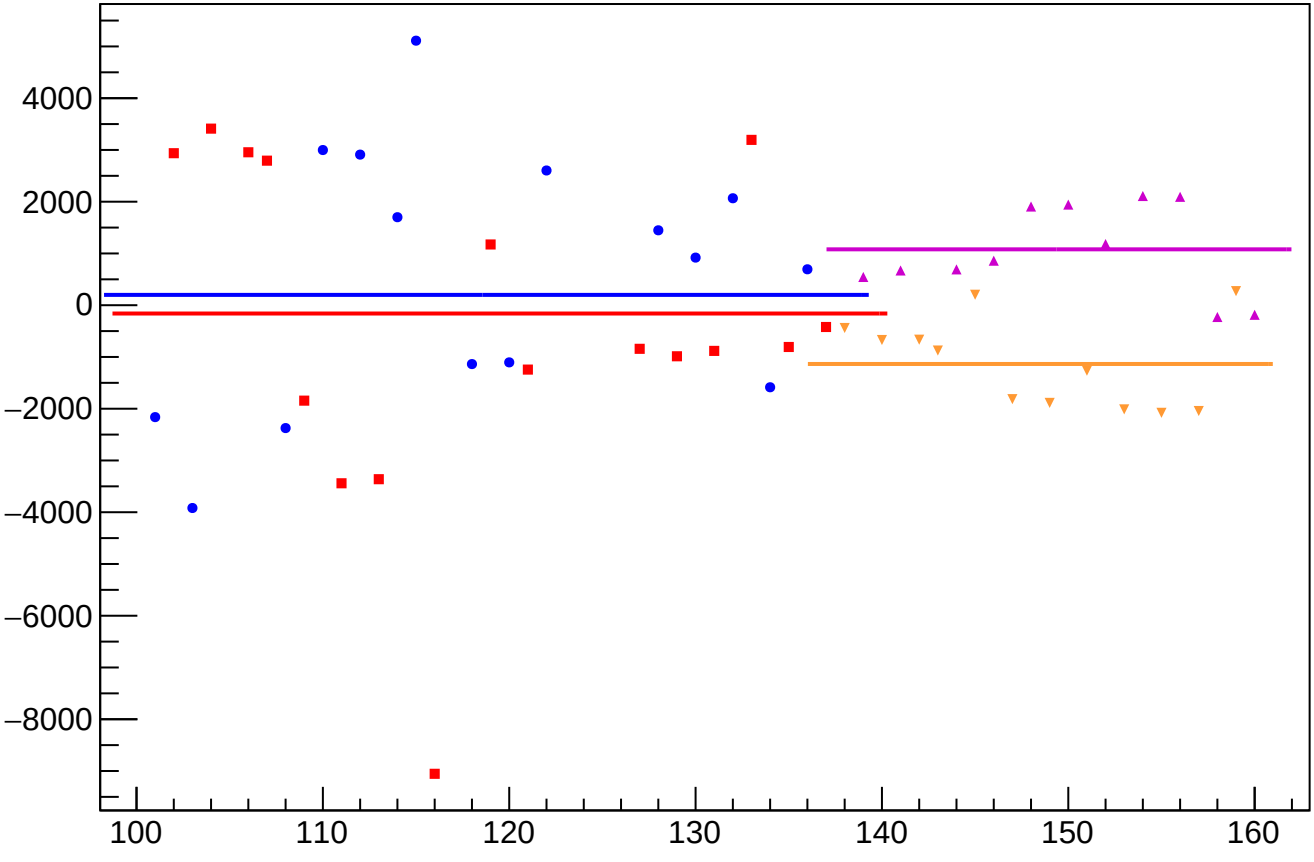
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

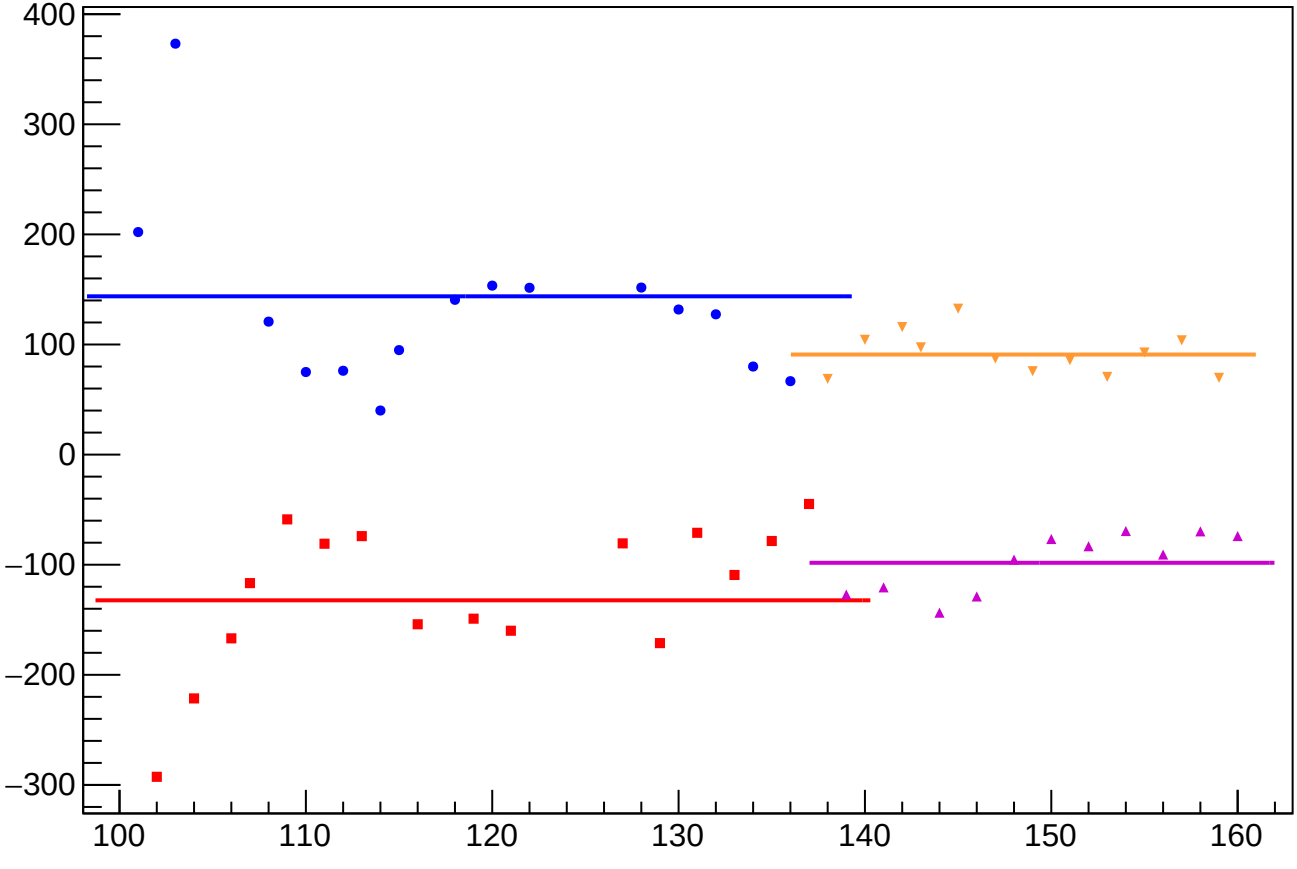
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

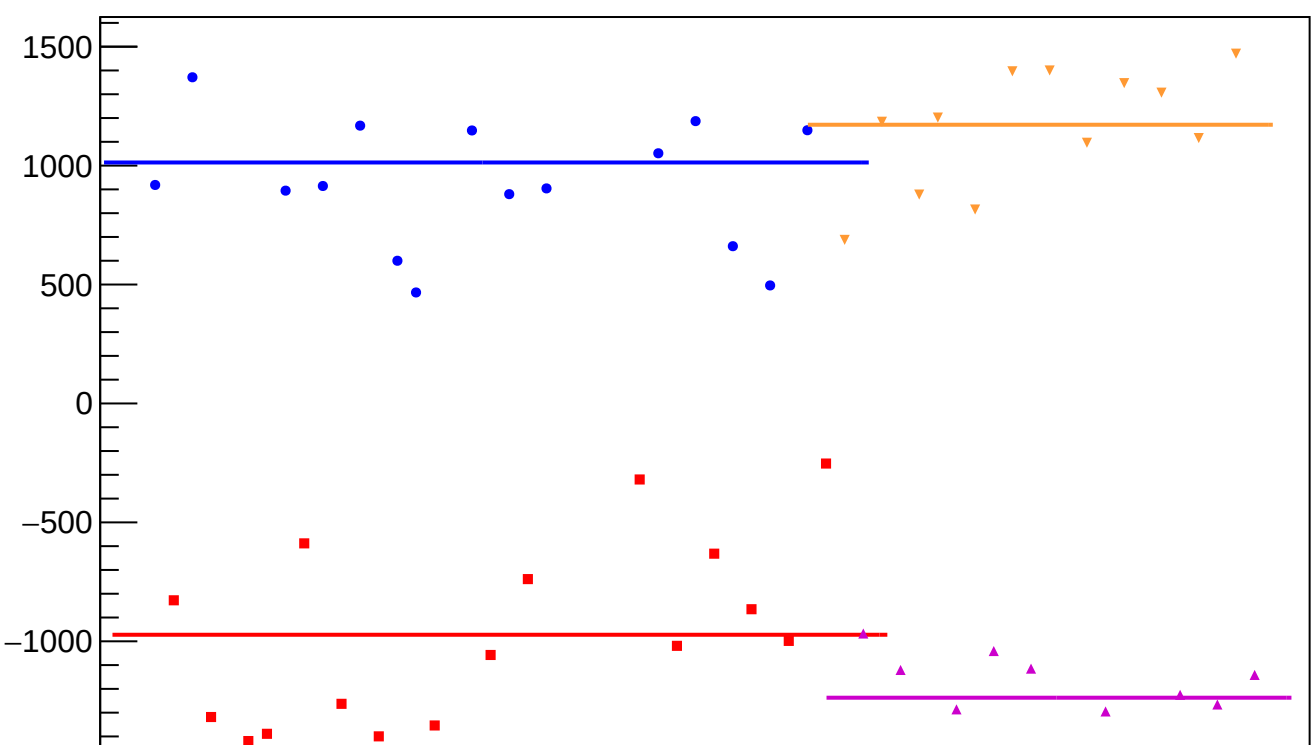
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

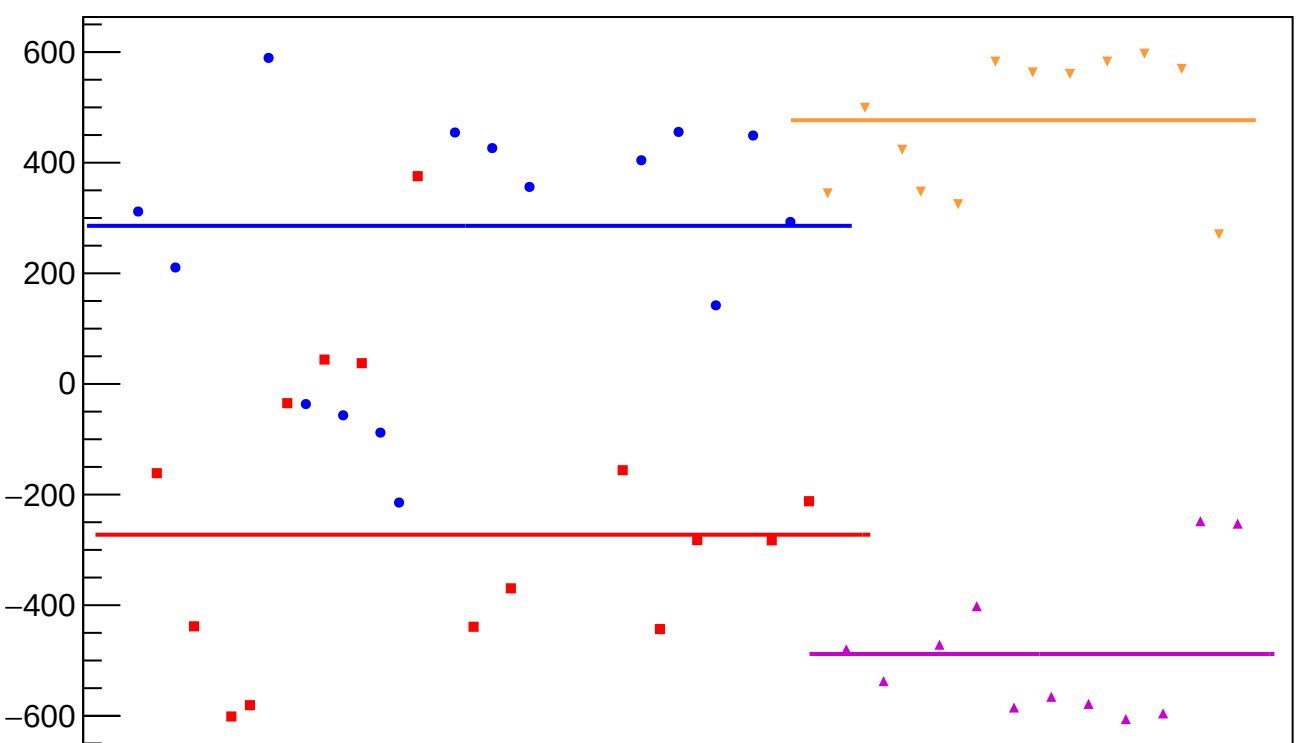
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

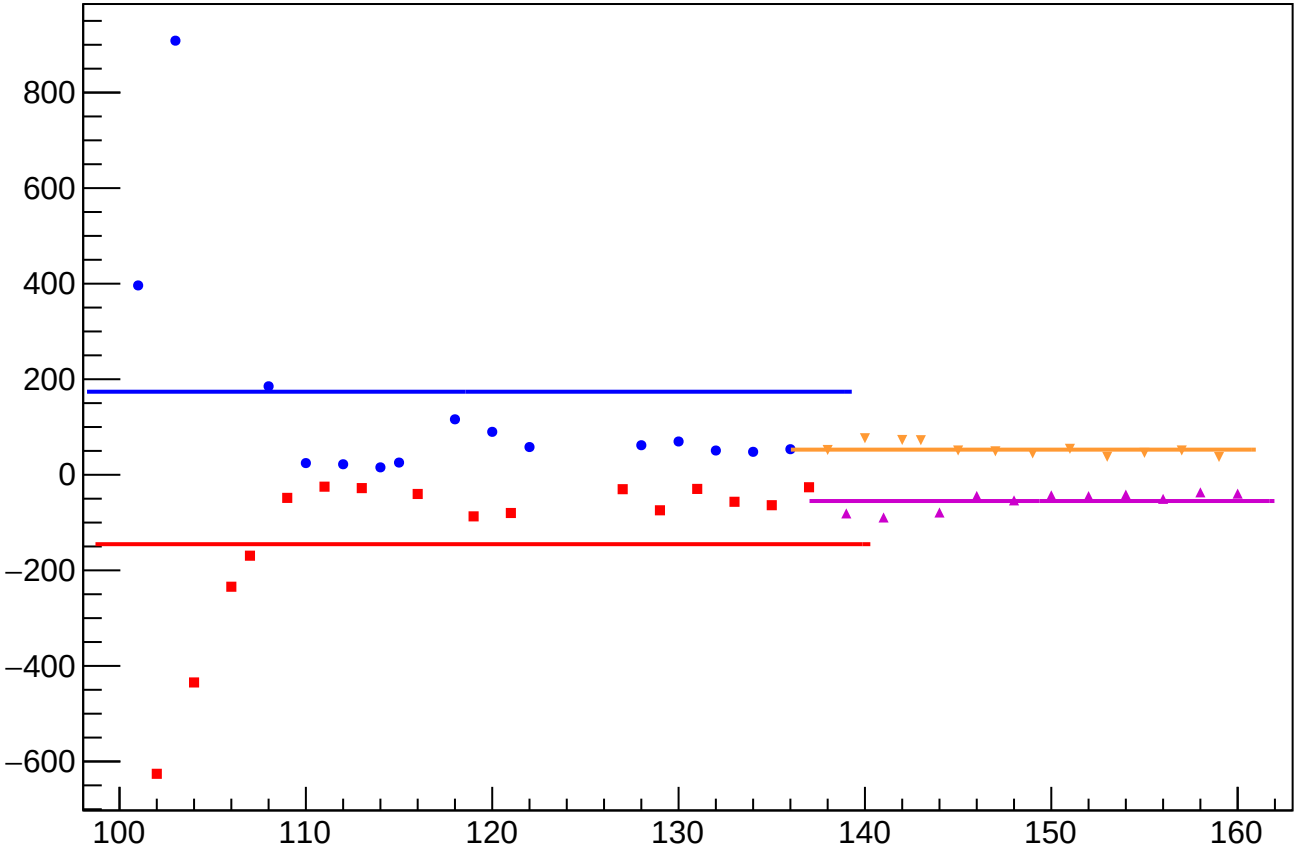
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

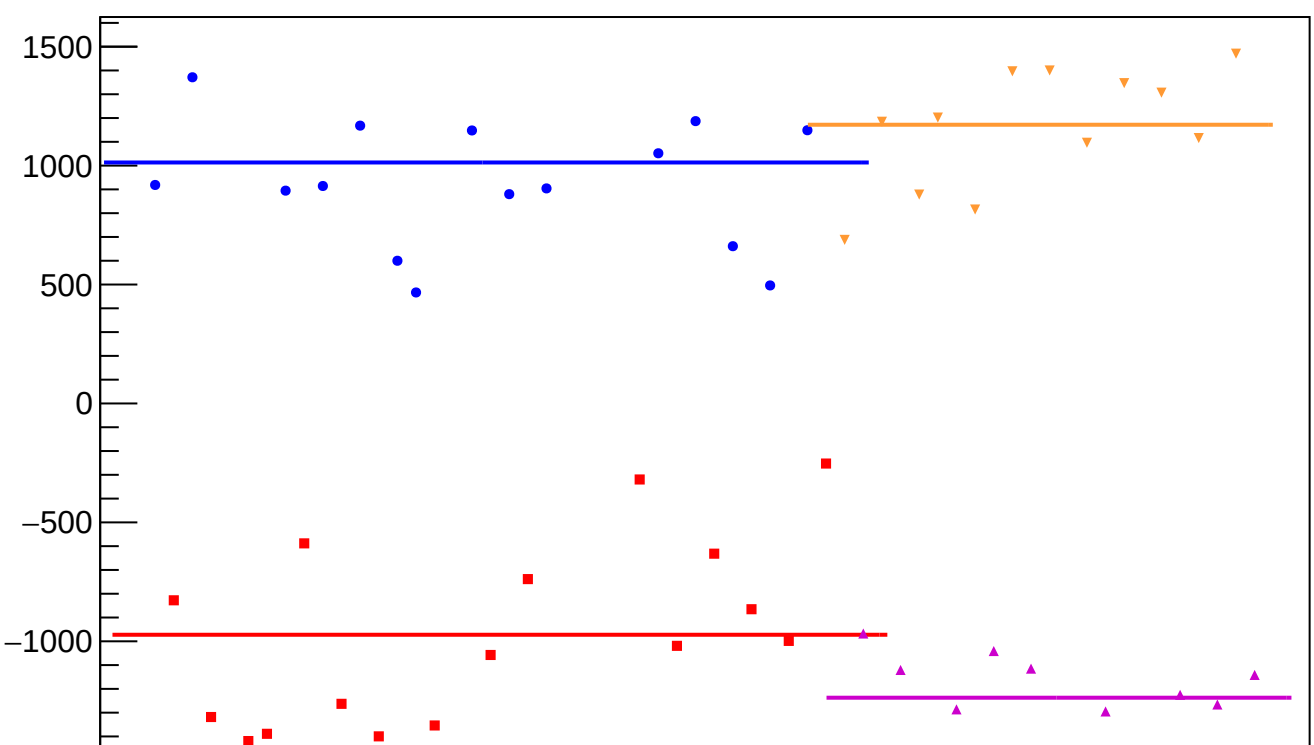
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

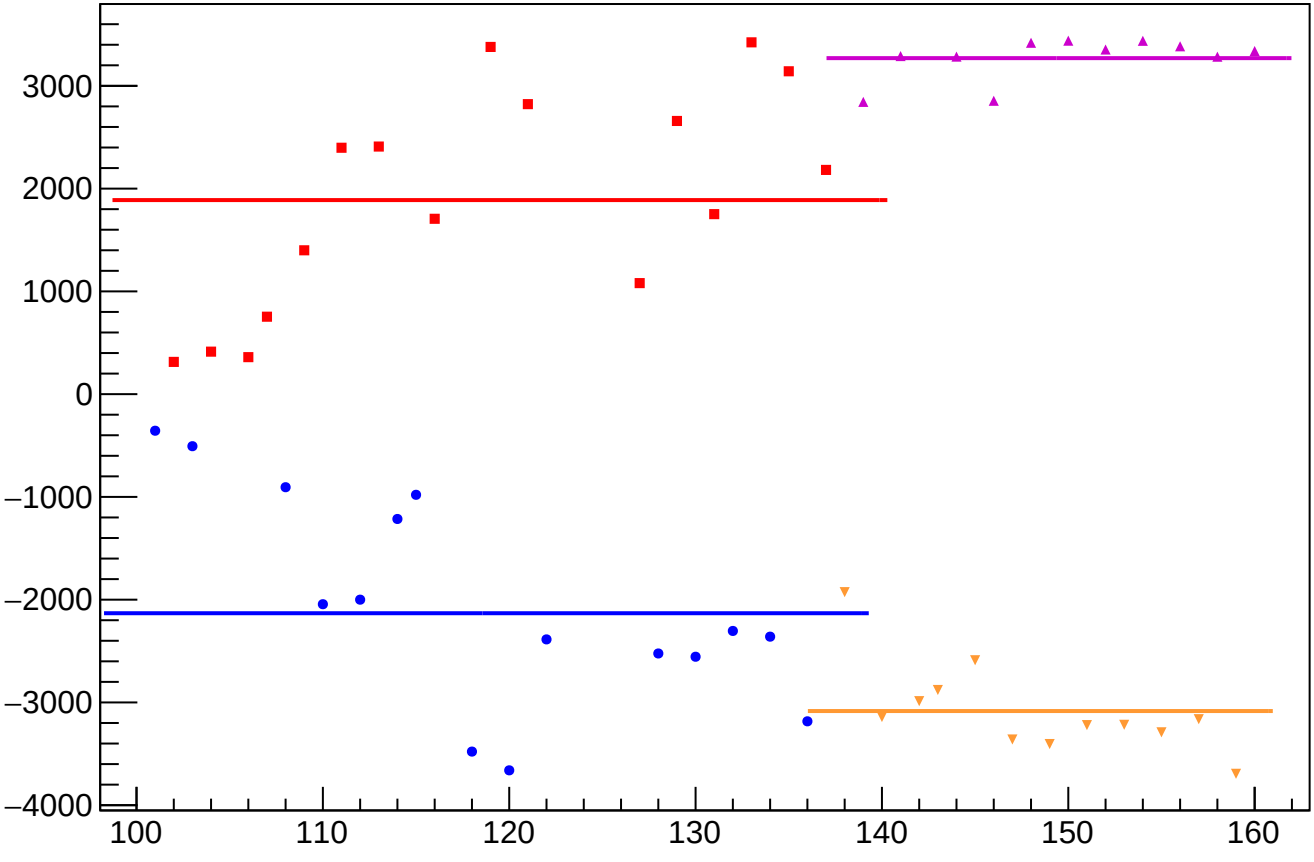
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

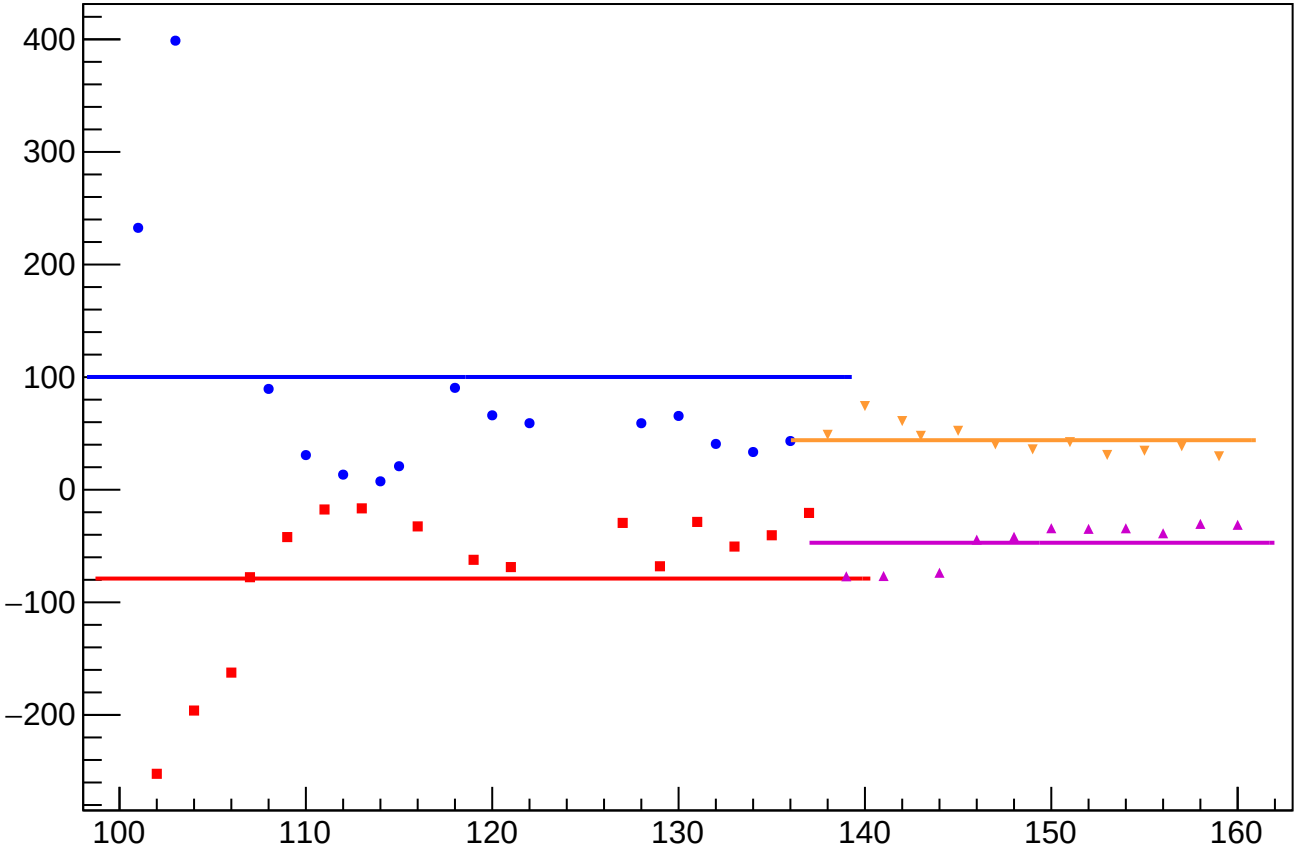
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

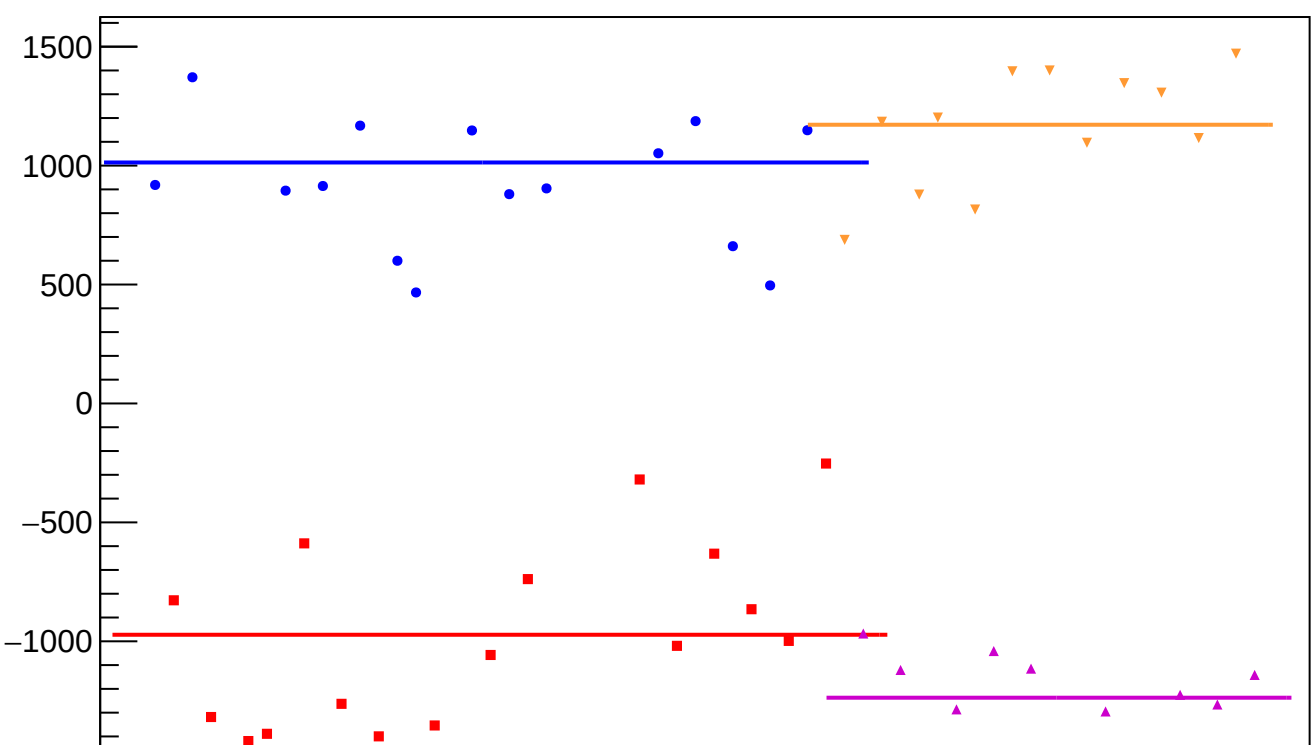
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

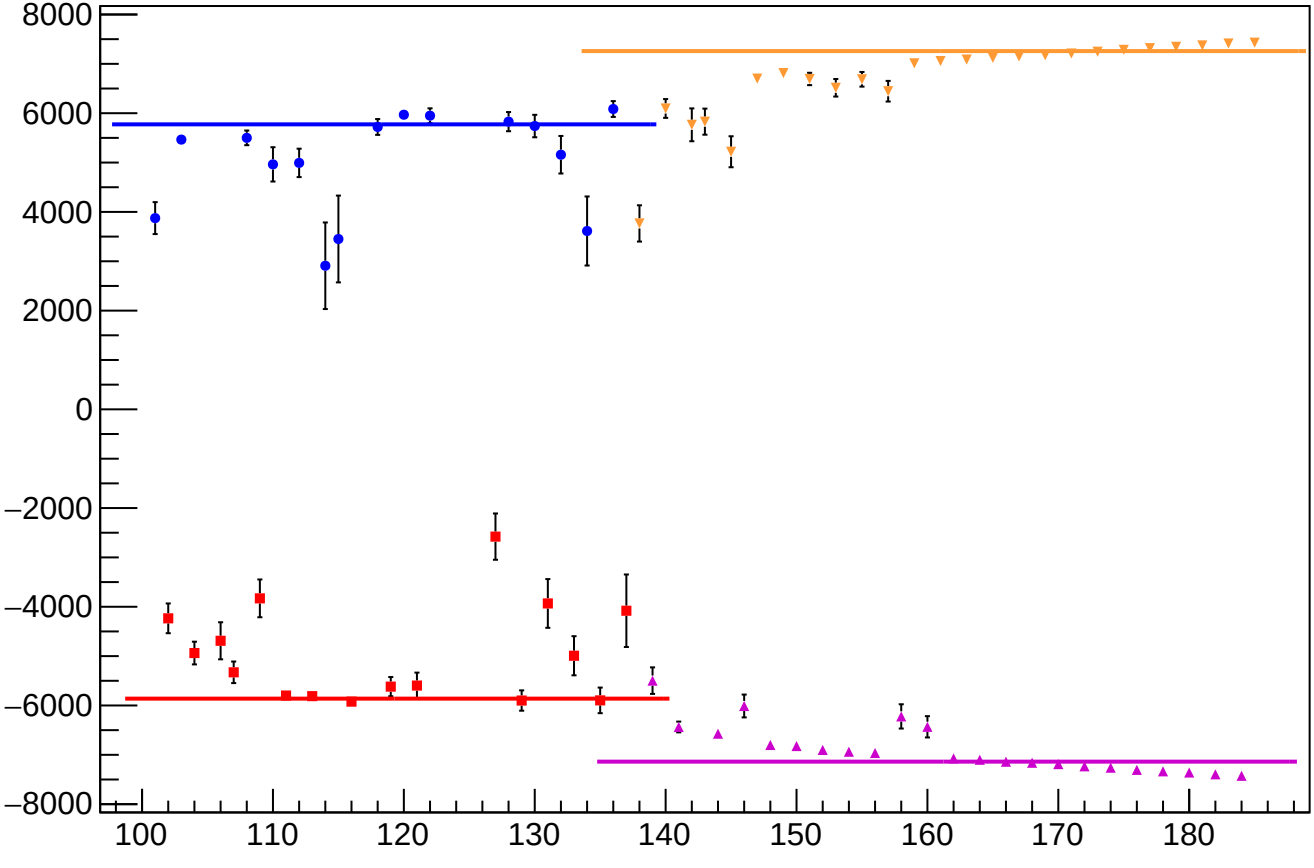
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 544.300+/-0.067 χ^2/NDF: 11467691043.9/47

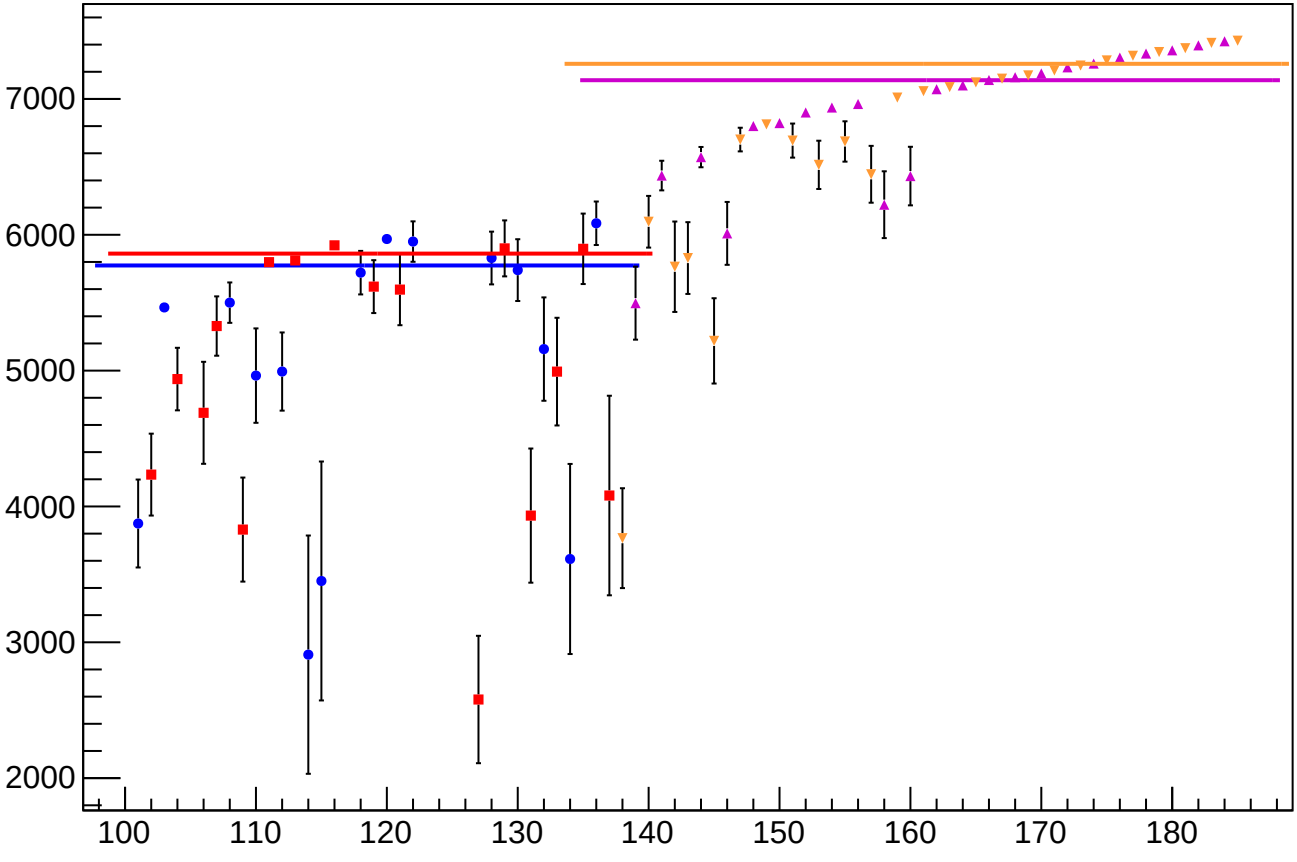
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 3294.134+/-0.077 χ^2/NDF:6170438889.1/40

All: -15.116+/-0.057 χ^2/NDF: 14311598667.5

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7202.367+/-0.067 χ^2/NDF: 9591818.2/47

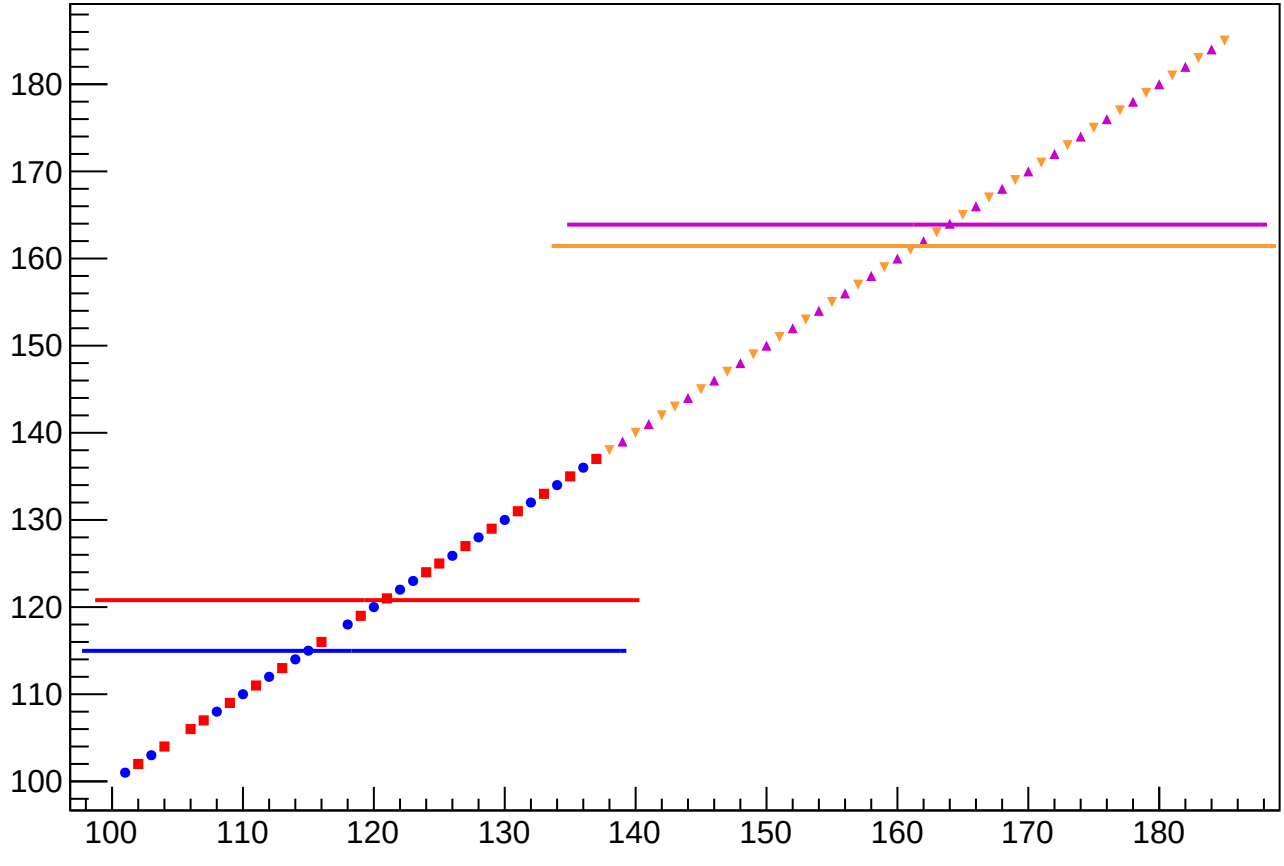
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6836.451+/-0.077 χ^2/NDF:74342923.0/40

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

dit_slug_slope vs Slug, Sign Corrected



Left: 162.851+/-0.000 χ^2/NDF: 3540465111321937

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.302+/-0.000 χ^2/NDF: 172044633770068

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

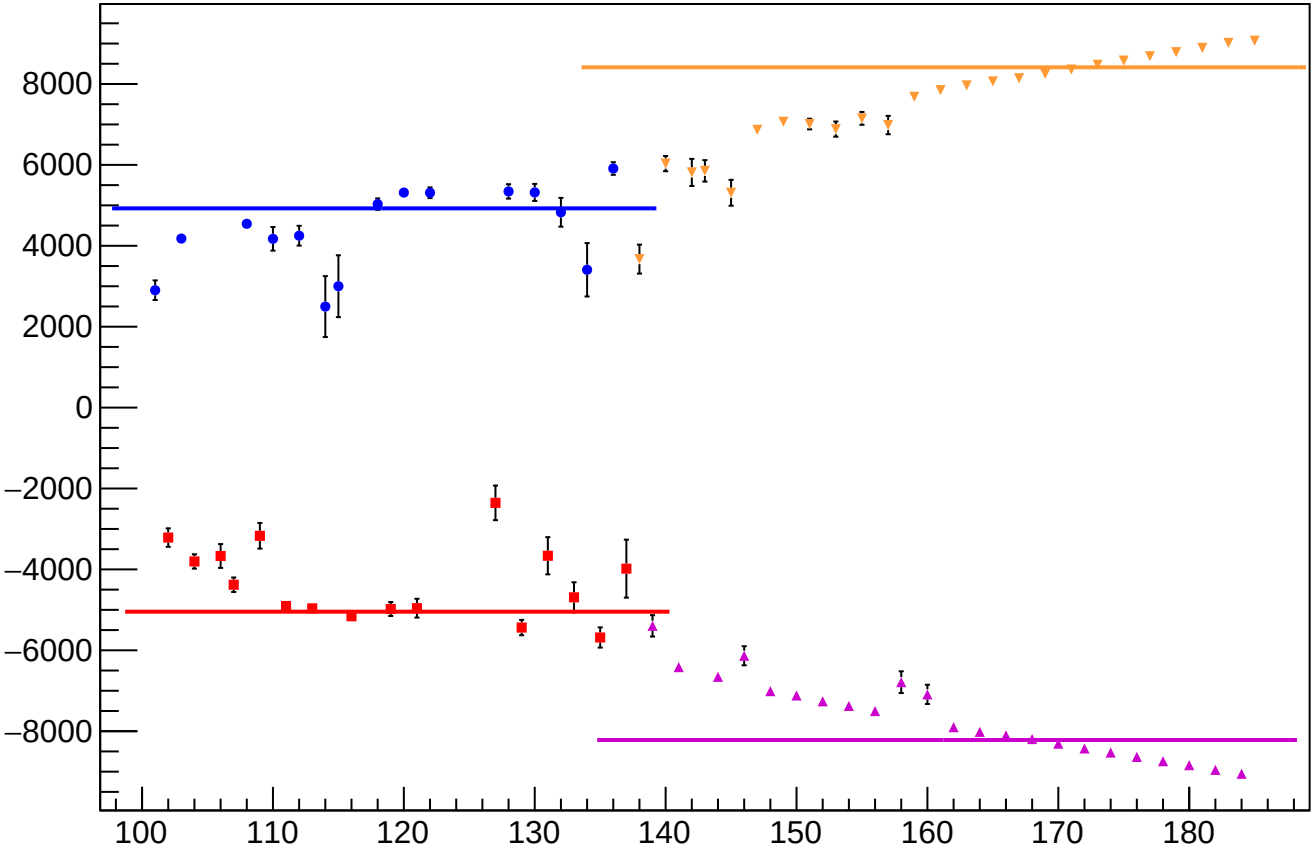
Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

Out: 141.079+/-0.000 χ^2/NDF:992205372524107 7

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

All: 139.354+/-0.000 χ^2/NDF: 299301426527

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -221.056+/-0.274 χ^2/NDF: 921962342.7/47

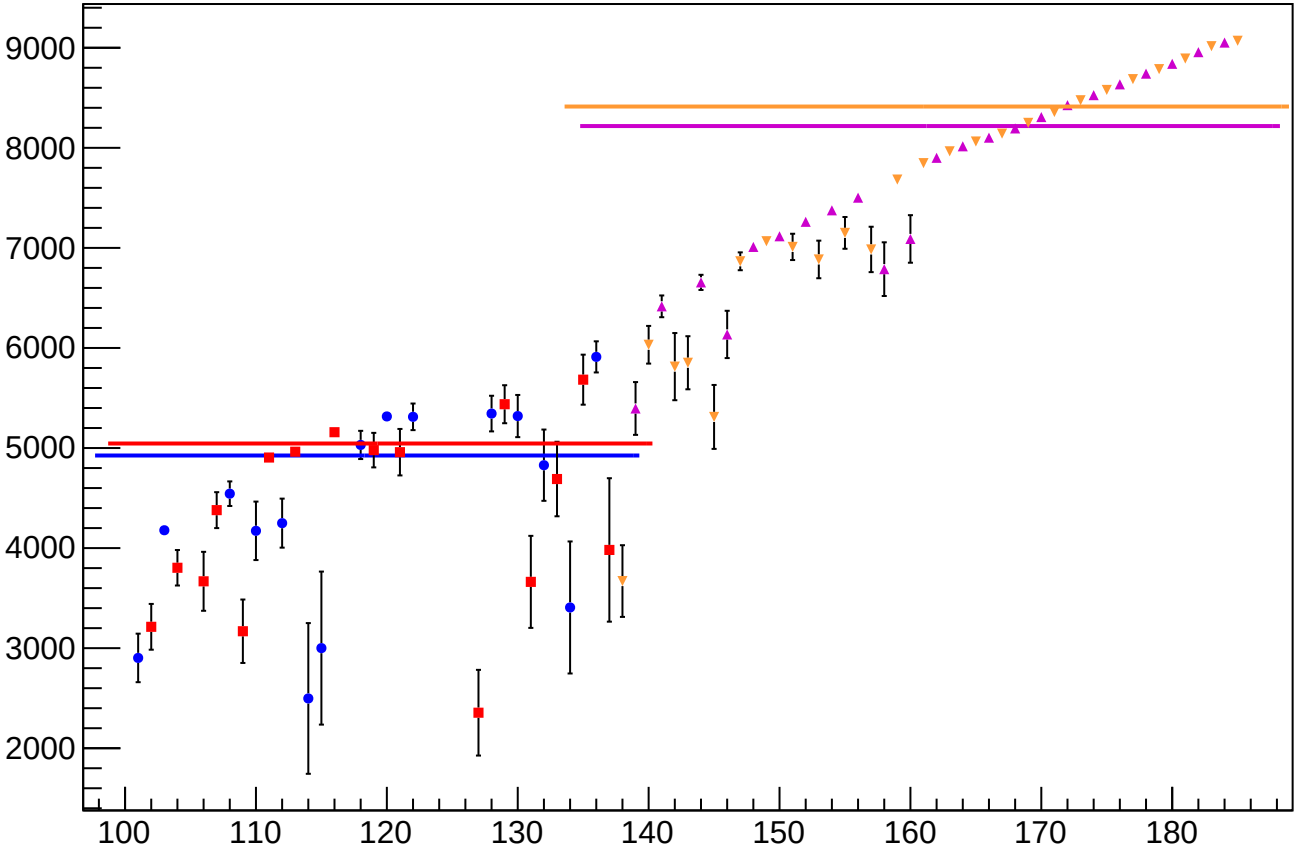
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4915.430+/-0.340 χ^2/NDF:302691560.4/40

All: -519.775+/-0.245 χ^2/NDF: 1003073907.0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8311.458+/-0.274 χ^2/NDF: 5206774.3/47

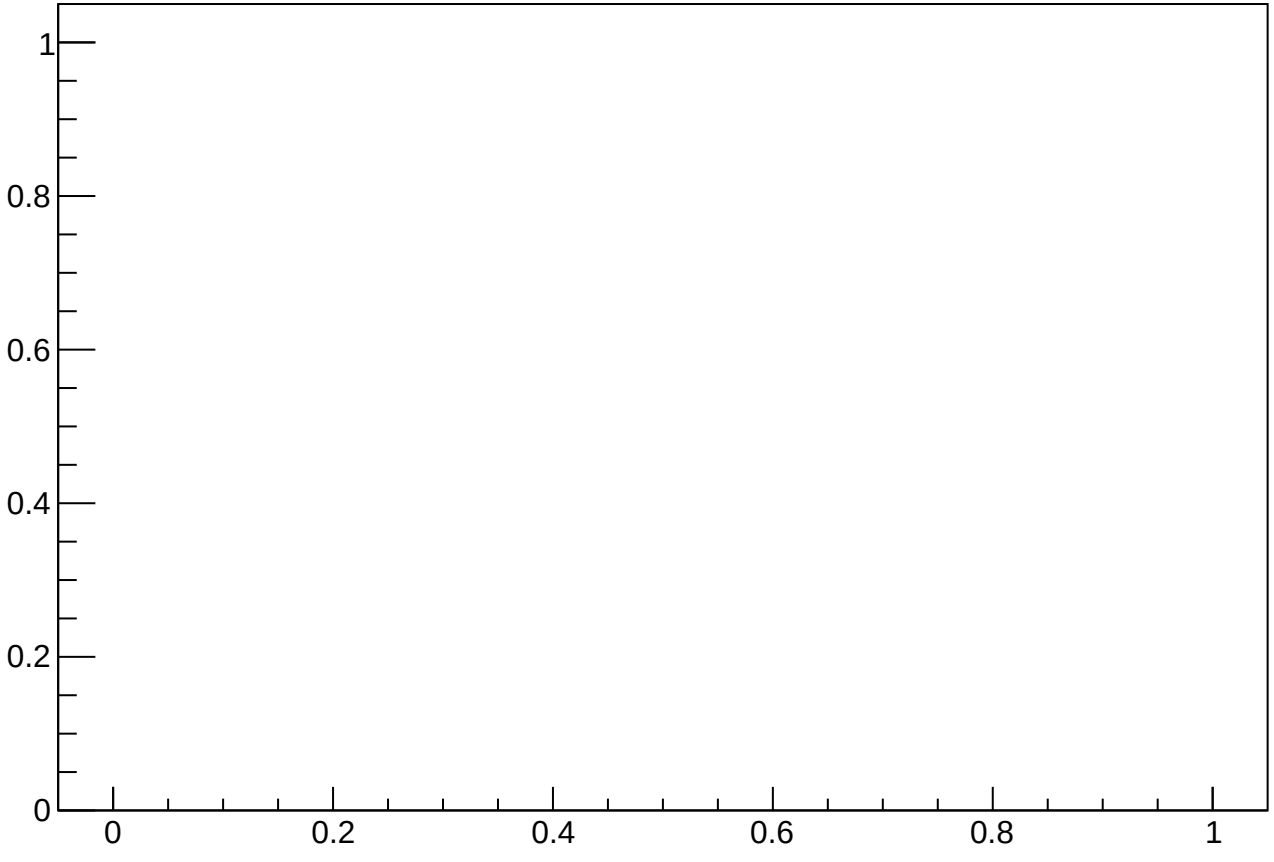
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7537.633+/-0.340 χ^2/NDF:20955273.2/40

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

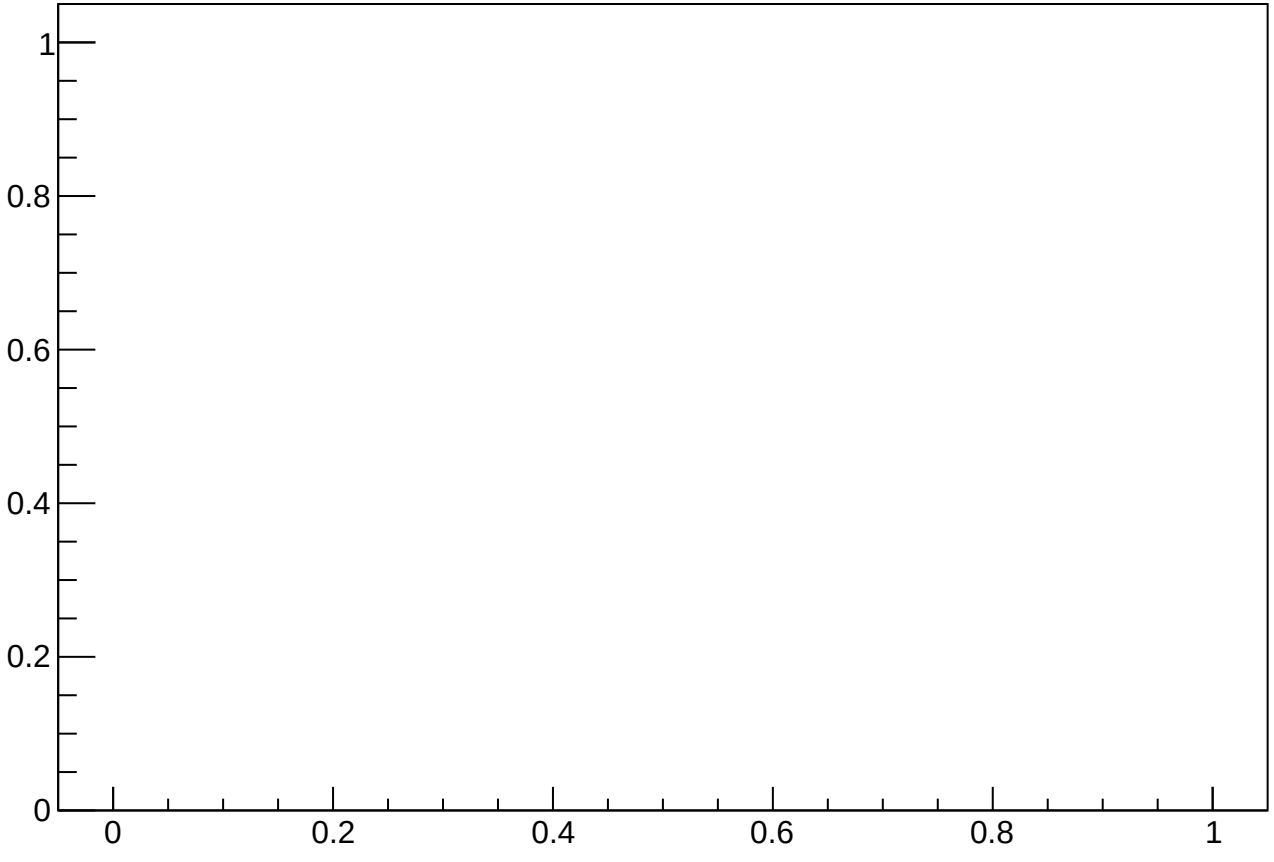
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

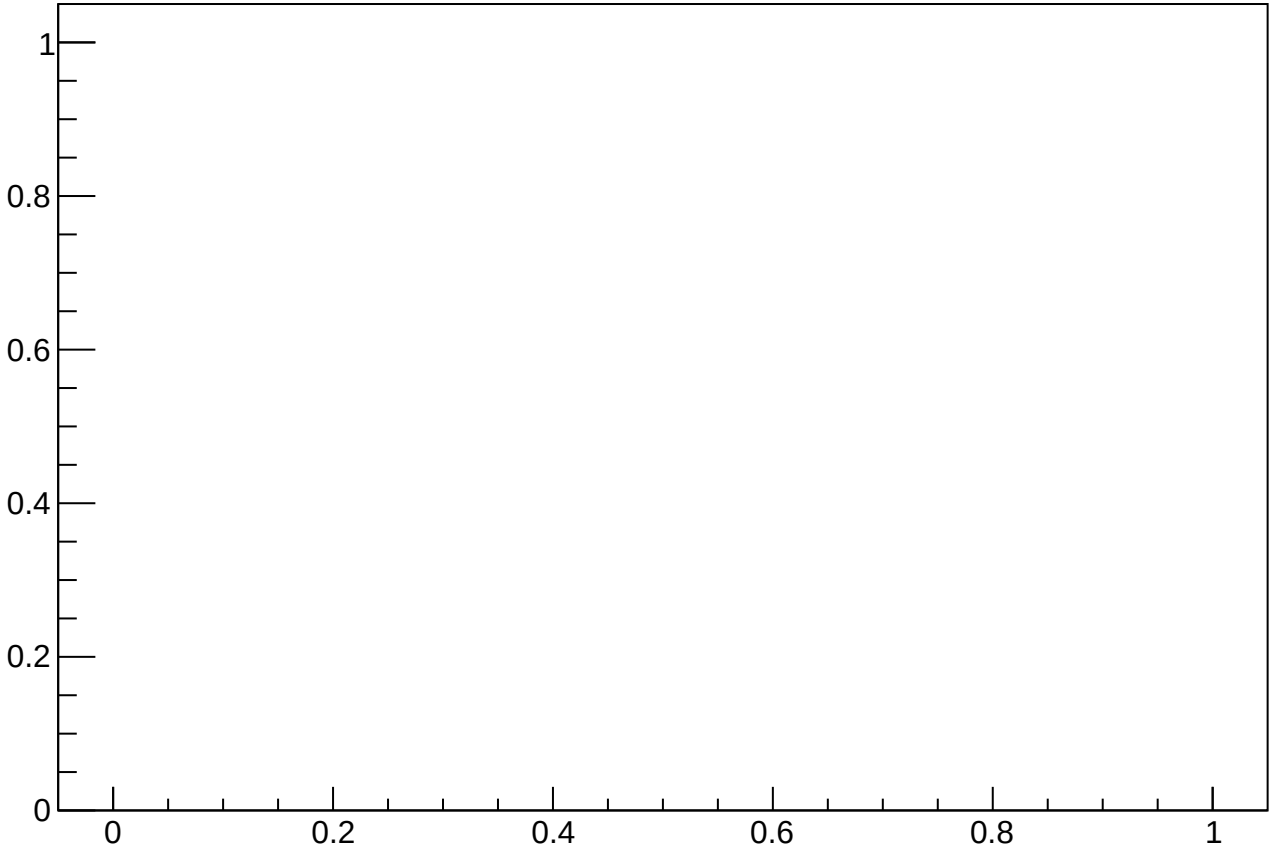
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

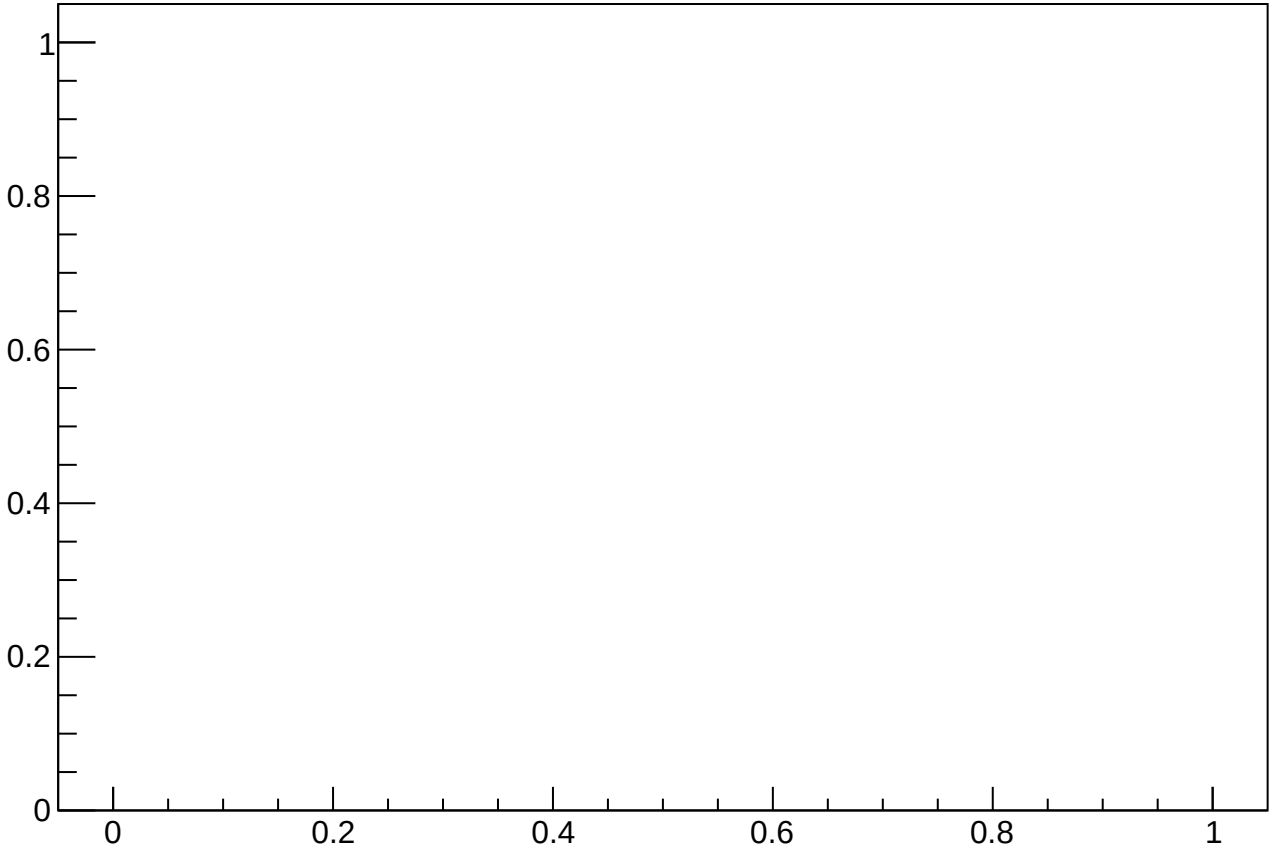
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

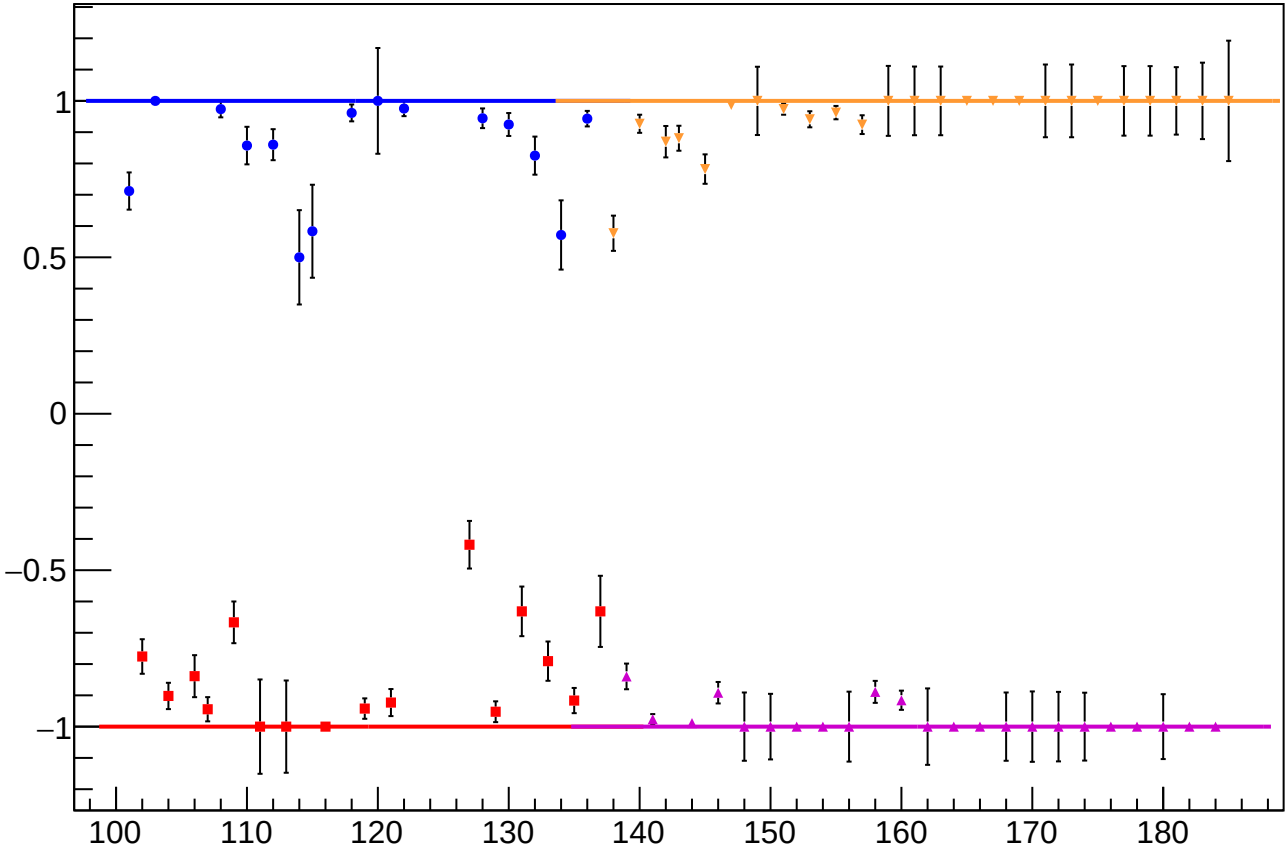
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

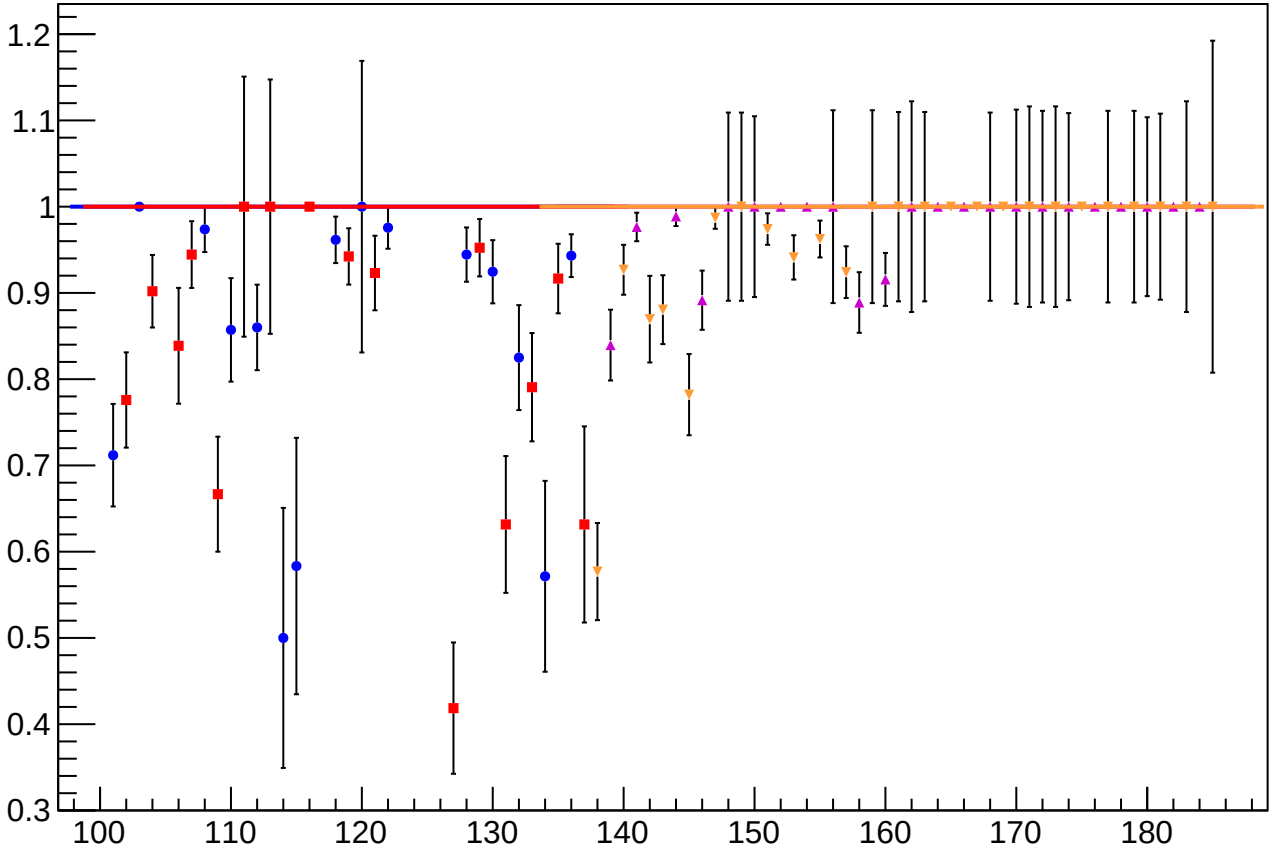
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/47

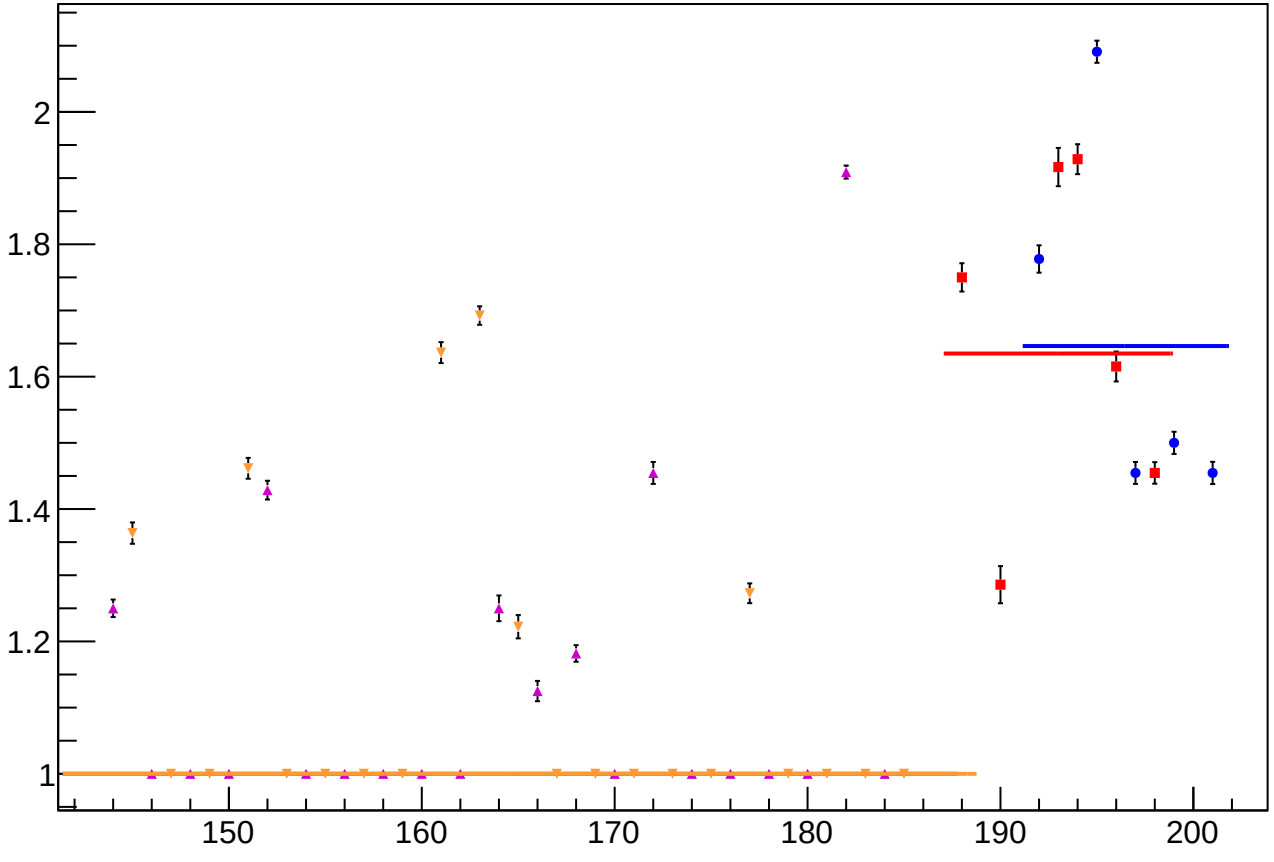
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/40

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.646+/-0.008 χ^2/NDF: 1088.1/4

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.635+/-0.009 χ^2/NDF: 570.5/5

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

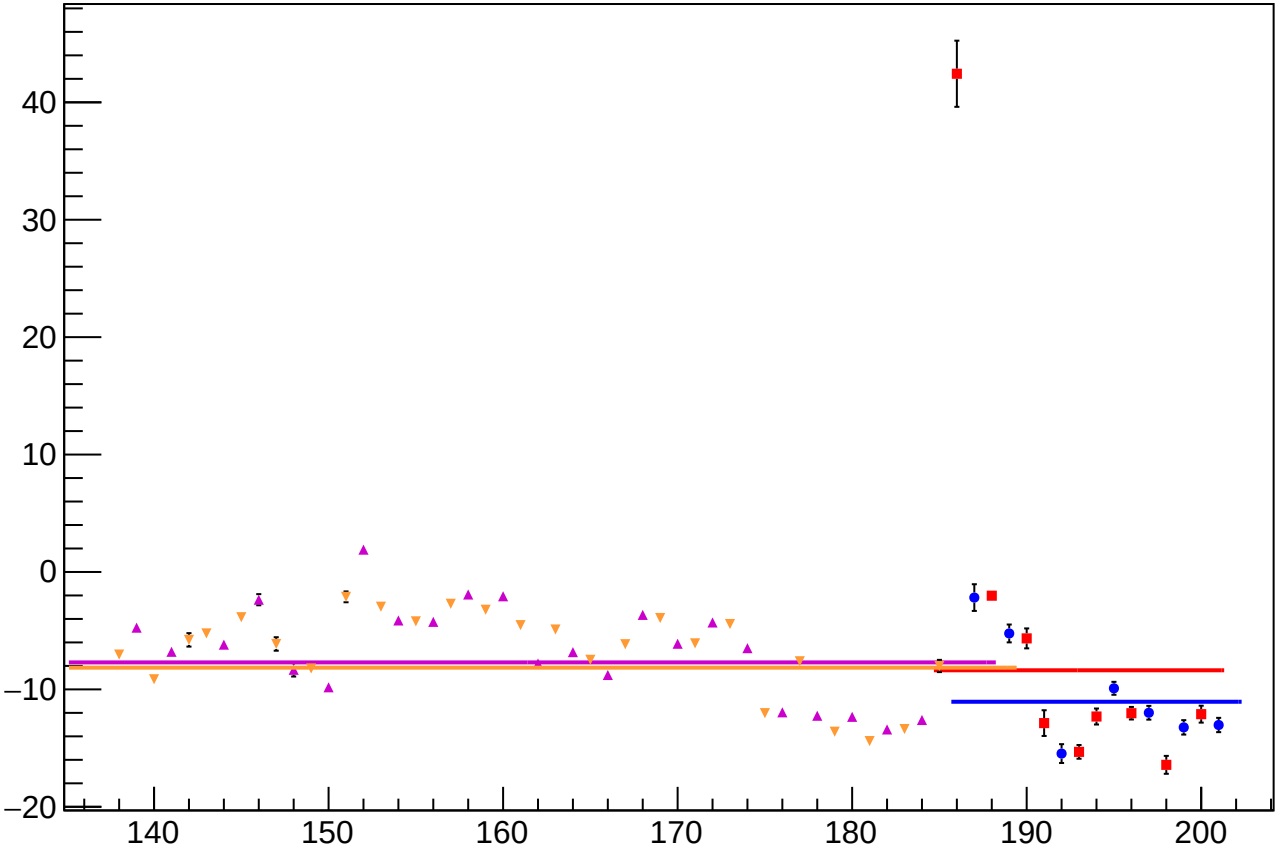
Right: 1.641+/-0.006 χ^2/NDF: 1659.5/10

In: 1.000+/-0.000 χ^2/NDF:20138.5/25

Out: 1.000+/-0.000 χ^2/NDF:24159.9/26

All: 1.000+/-0.000 χ^2/NDF: 32706.9/52

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.053+/-0.253 χ^2/NDF: 179.9/6

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -8.373+/-0.207 χ^2/NDF: 1069.8/8

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

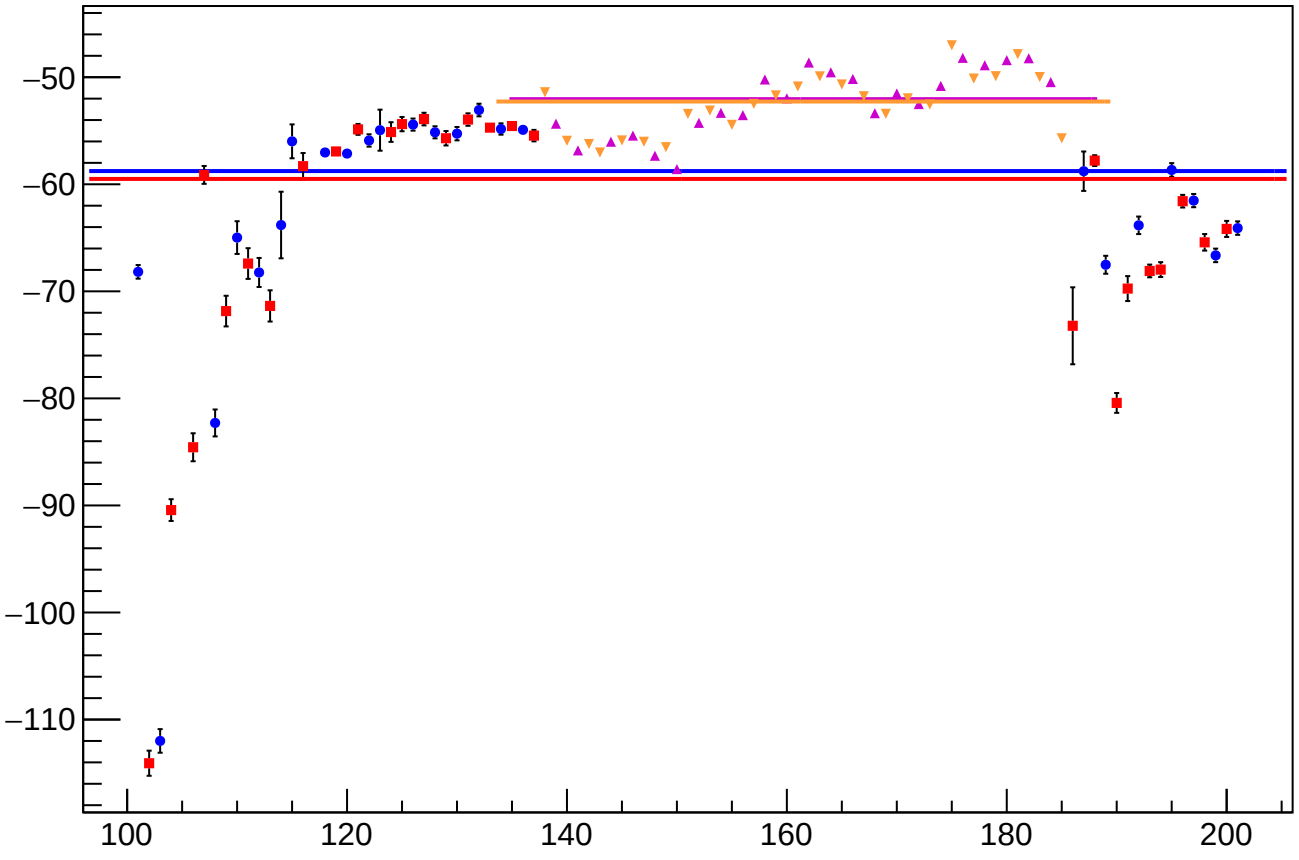
Right: -9.445+/-0.160 χ^2/NDF: 1317.0/15

In: -7.930+/-0.066 χ^2/NDF:4080.5/29

Out: -8.171+/-0.064 χ^2/NDF:4683.9/33

All: -8.054+/-0.046 χ^2/NDF: 8771.3/63

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.767+/-0.126 χ^2/NDF: 3922.2/23

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.500+/-0.123 χ^2/NDF: 5596.2/26

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

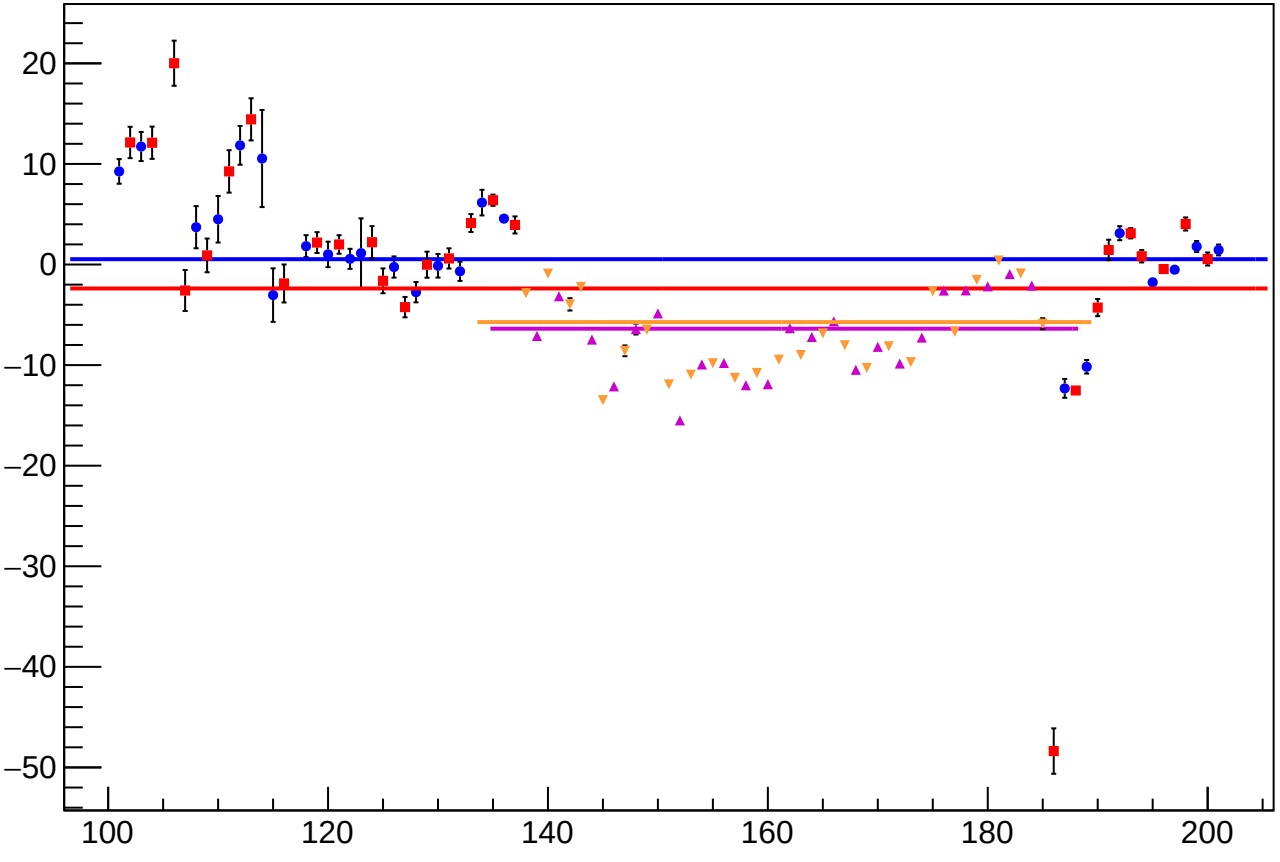
Right: -59.141+/-0.088 χ^2/NDF: 9535.8/50

In: -53.195+/-0.052 χ^2/NDF:9487.9/46

Out: -53.481+/-0.050 χ^2/NDF:11075.3/51

All: -53.342+/-0.036 χ^2/NDF: 20578.8/98

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.530+/-0.167 χ^2/NDF: 778.7/23

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.382+/-0.147 χ^2/NDF: 2888.0/26

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

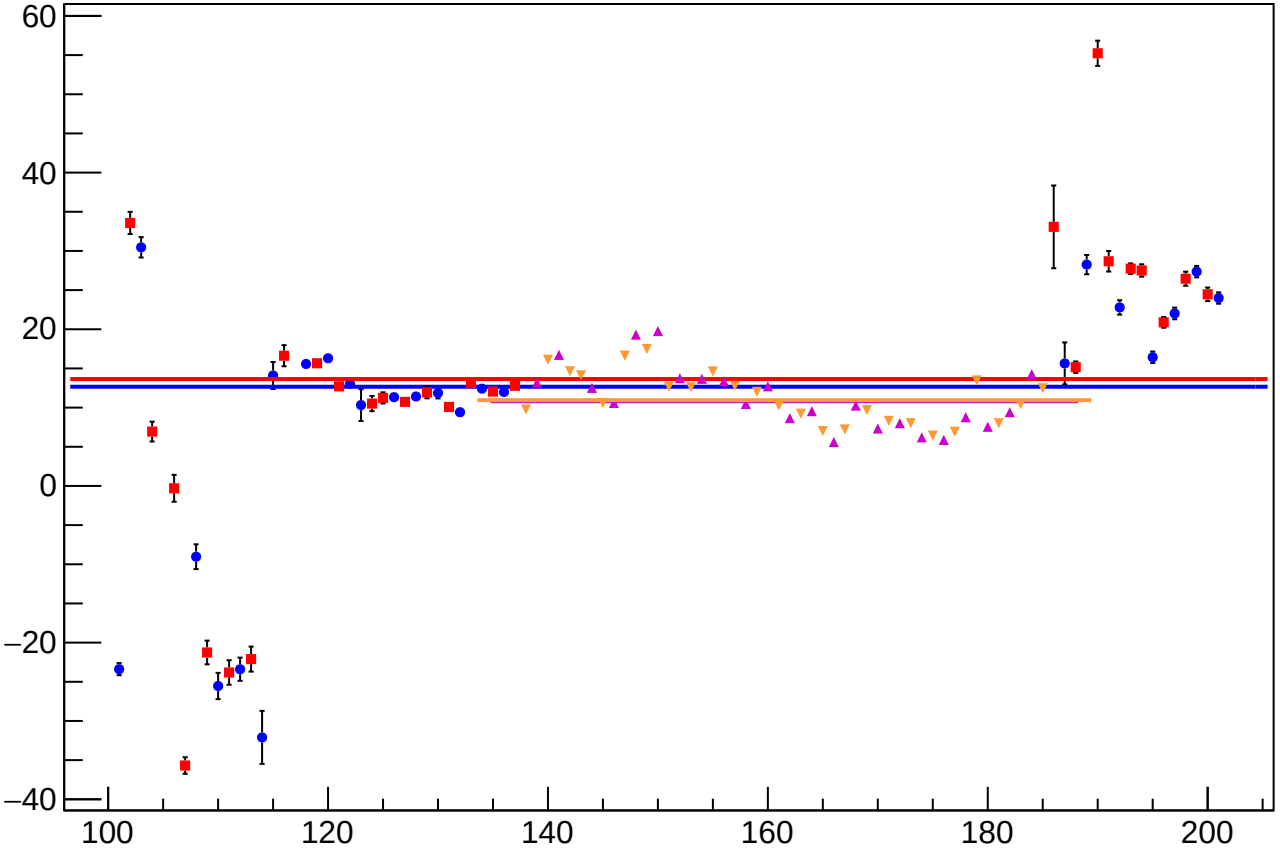
Right: -1.110+/-0.111 χ^2/NDF: 3837.4/50

In: -5.392+/-0.063 χ^2/NDF:5636.8/46

Out: -5.142+/-0.062 χ^2/NDF:7302.3/51

All: -5.263+/-0.044 χ^2/NDF: 12947.1/98

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.664+/-0.141 χ^2/NDF: 5058.0/23

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 13.649+/-0.141 χ^2/NDF: 6235.0/26

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

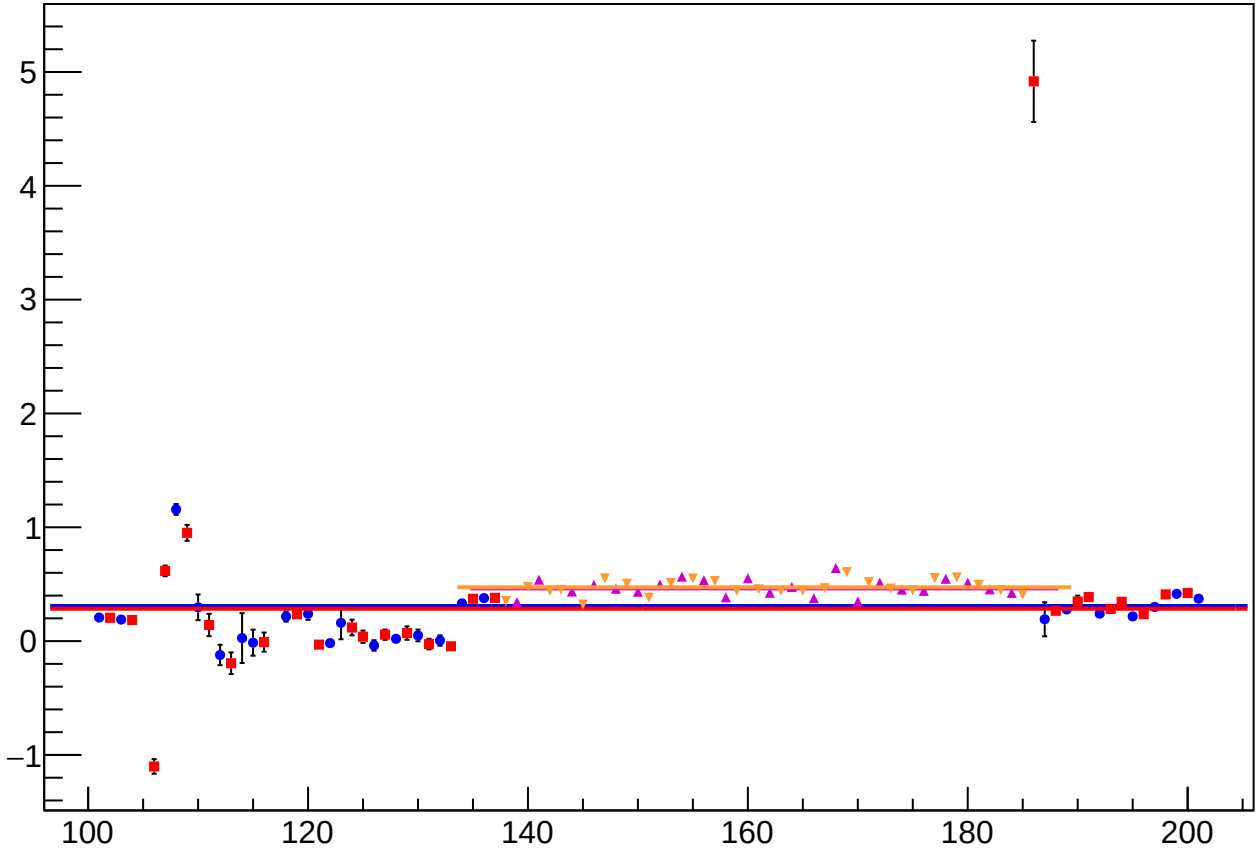
Right: 13.158+/-0.100 χ^2/NDF: 11317.4/50

In: 11.124+/-0.058 χ^2/NDF:8778.2/46

Out: 11.383+/-0.056 χ^2/NDF:9163.7/51

All: 11.256+/-0.040 χ^2/NDF: 17952.3/98

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.309+/-0.006 χ^2/NDF: 707.4/23

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.284+/-0.006 χ^2/NDF: 1218.3/26

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

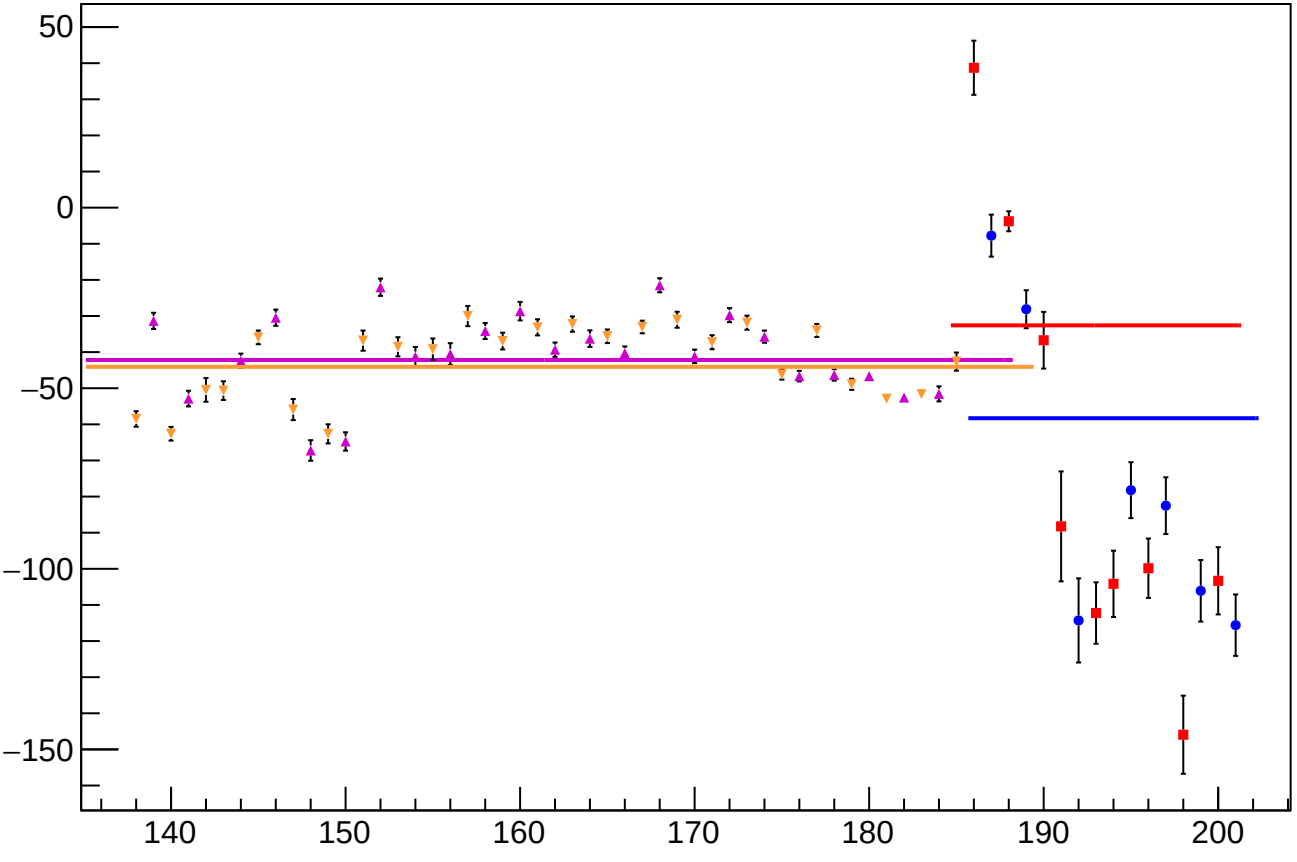
Right: 0.296+/-0.004 χ^2/NDF: 1933.0/50

In: 0.438+/-0.003 χ^2/NDF:1963.9/46

Out: 0.442+/-0.003 χ^2/NDF:2485.9/51

All: 0.440+/-0.002 χ^2/NDF: 4451.0/98

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.300+/-2.735 χ^2/NDF: 224.7/6

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -32.592+/-2.087 χ^2/NDF: 595.6/8

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

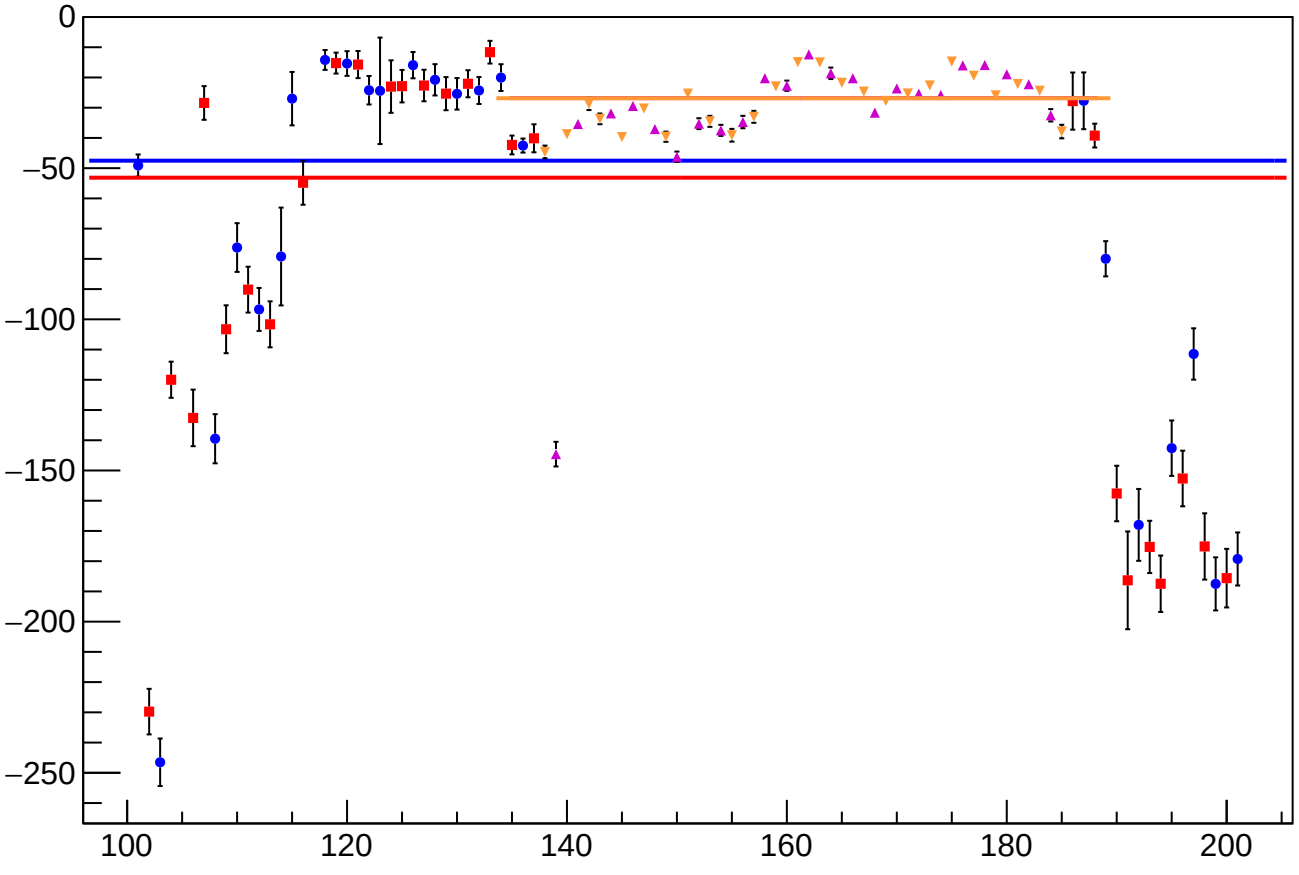
Right: -42.050+/-1.659 χ^2/NDF: 876.1/15

In: -42.519+/-0.393 χ^2/NDF:909.7/29

Out: -43.688+/-0.383 χ^2/NDF:1257.7/33

All: -43.119+/-0.274 χ^2/NDF: 2171.9/63

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -47.521+/-1.070 χ^2/NDF: 1980.0/23

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -53.148+/-1.099 χ^2/NDF: 2406.1/26

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

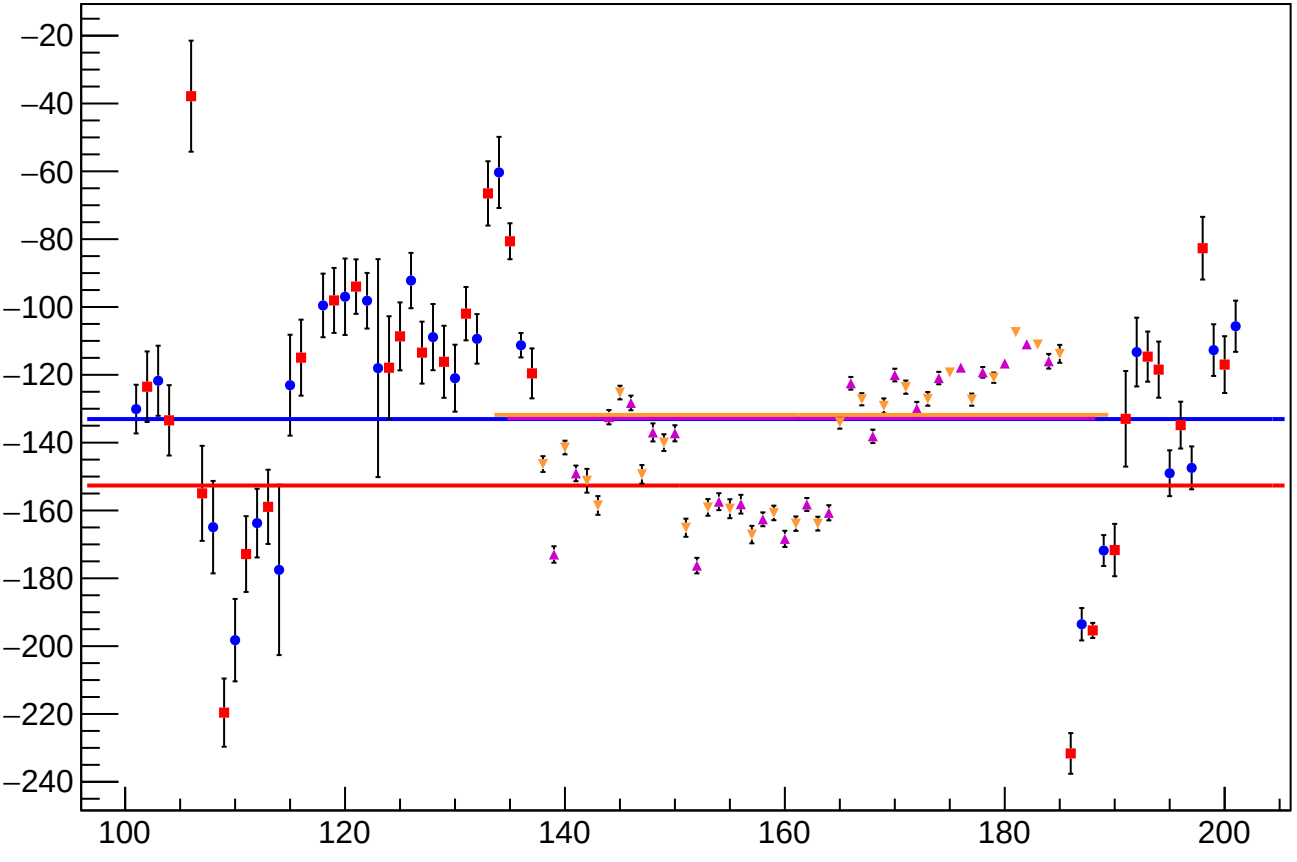
Right: -50.260+/-0.767 χ^2/NDF: 4399.6/50

In: -28.577+/-0.311 χ^2/NDF:3803.9/46

Out: -28.886+/-0.305 χ^2/NDF:3563.2/51

All: -28.735+/-0.218 χ^2/NDF: 7367.7/98

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.045+/-1.550 χ^2/NDF: 485.1/23

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -152.640+/-1.367 χ^2/NDF: 1263.4/26

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

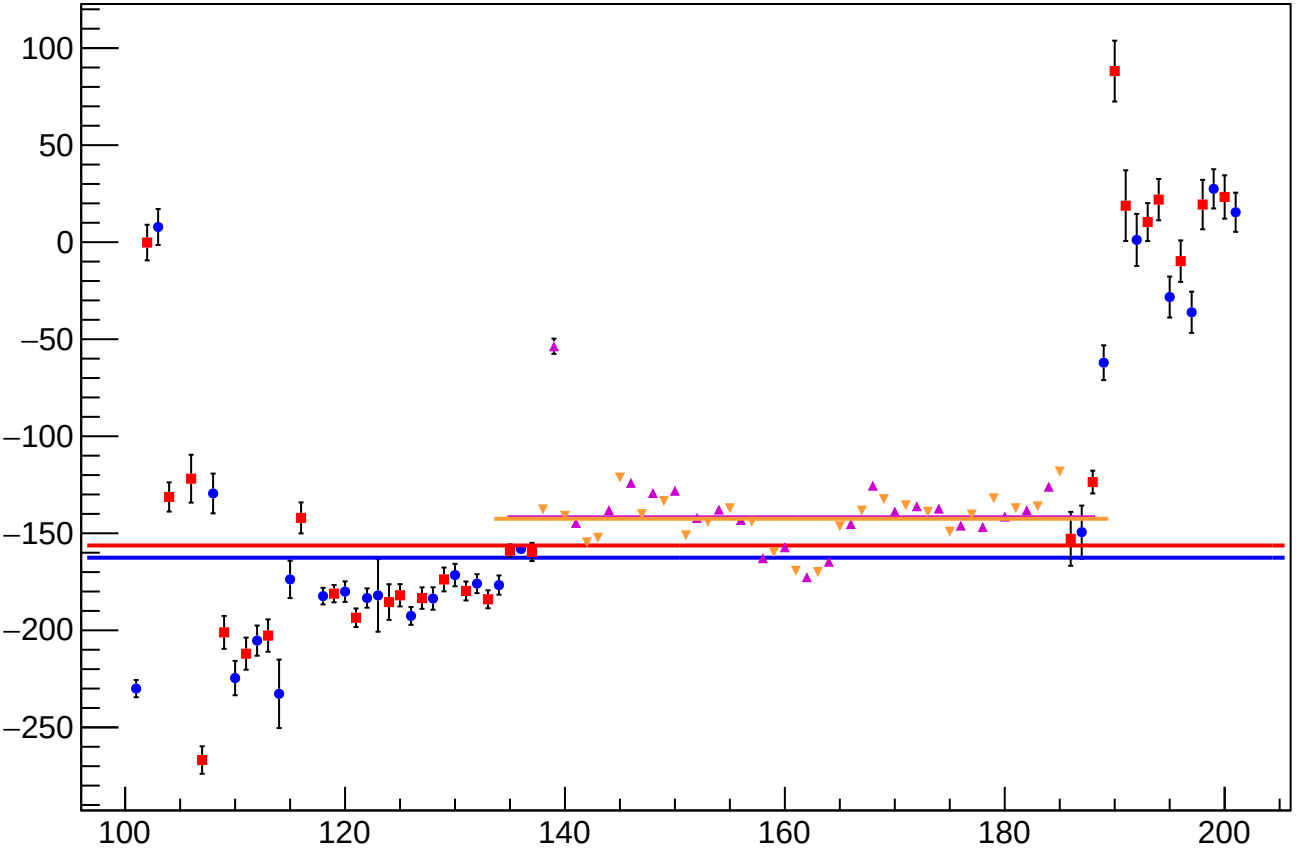
Right: -144.067+/-1.025 χ^2/NDF: 1838.4/50

In: -132.814+/-0.385 χ^2/NDF:3001.0/46

Out: -133.388+/-0.377 χ^2/NDF:3895.0/51

All: -133.108+/-0.269 χ^2/NDF: 6897.2/98

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -162.577+/-1.210 χ^2/NDF: 2044.0/23

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -156.284+/-1.263 χ^2/NDF: 2446.5/26

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

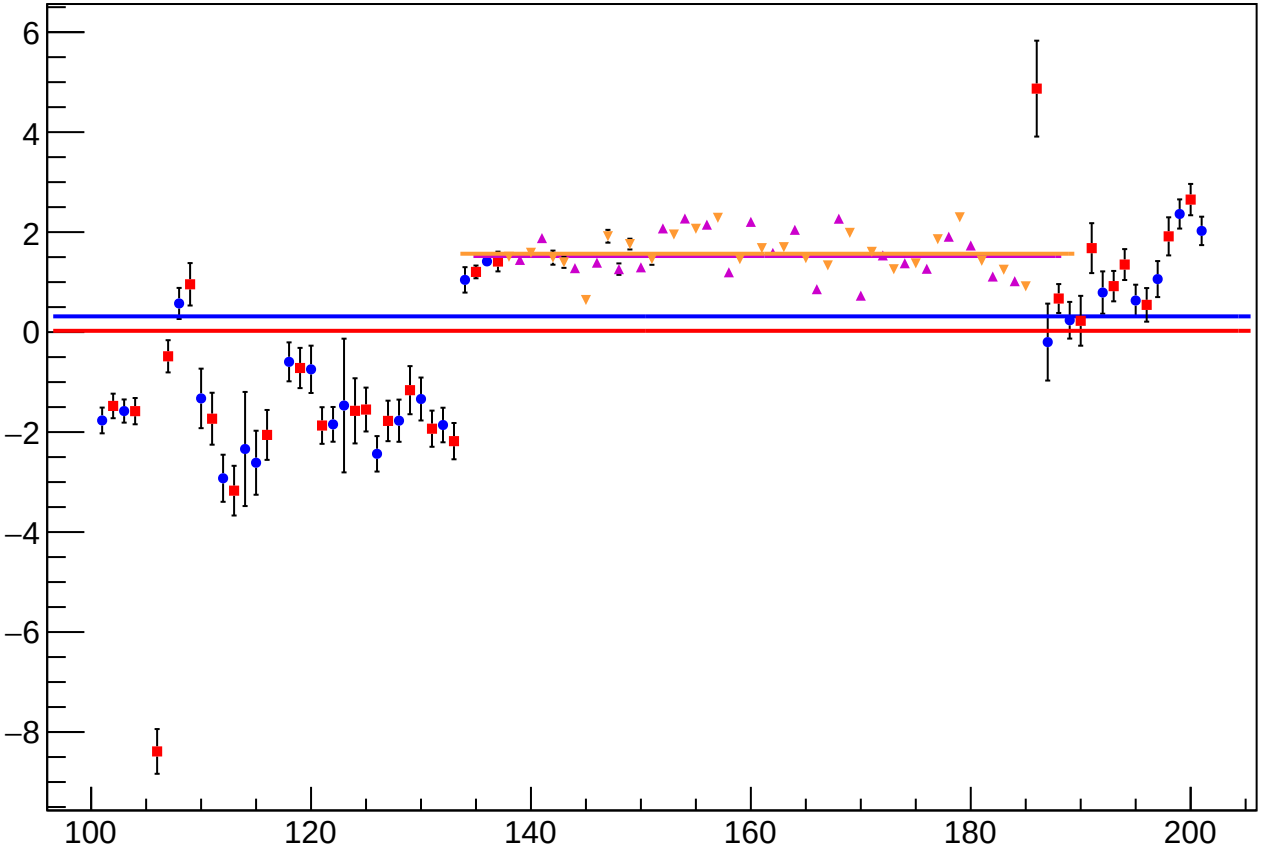
Right: -159.566+/-0.874 χ^2/NDF: 4503.5/50

In: -143.484+/-0.347 χ^2/NDF:3919.8/46

Out: -143.524+/-0.342 χ^2/NDF:3700.8/51

All: -143.504+/-0.244 χ^2/NDF: 7620.6/98

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.315+/-0.060 χ^2/NDF: 632.3/23

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: 0.026+/-0.061 χ^2/NDF: 947.3/26

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

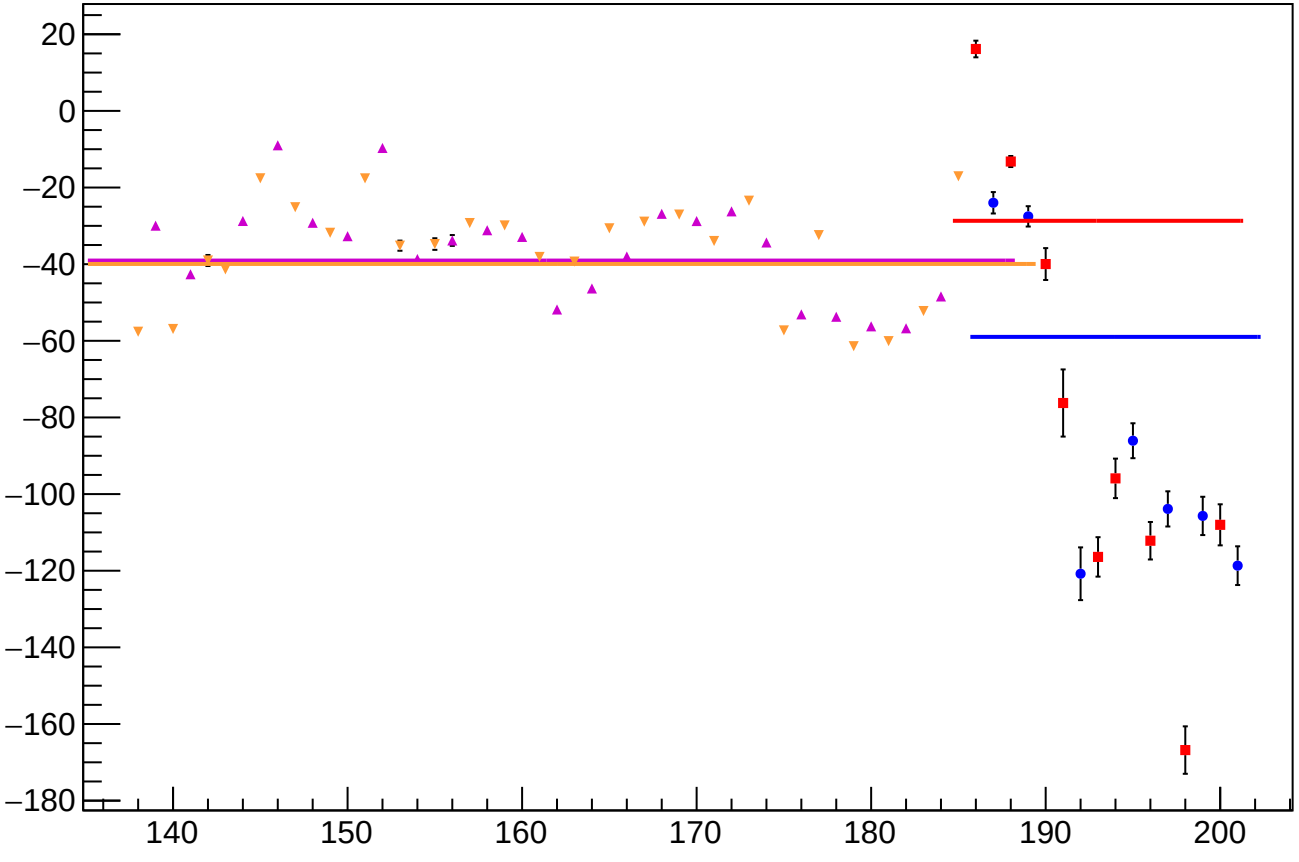
Right: 0.174+/-0.043 χ^2/NDF: 1590.9/50

In: 1.437+/-0.016 χ^2/NDF:1750.0/46

Out: 1.467+/-0.016 χ^2/NDF:2077.8/51

All: 1.452+/-0.011 χ^2/NDF: 3829.7/98

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.975+/-1.465 χ^2/NDF: 736.1/6

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -28.682+/-1.030 χ^2/NDF: 2046.8/8

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

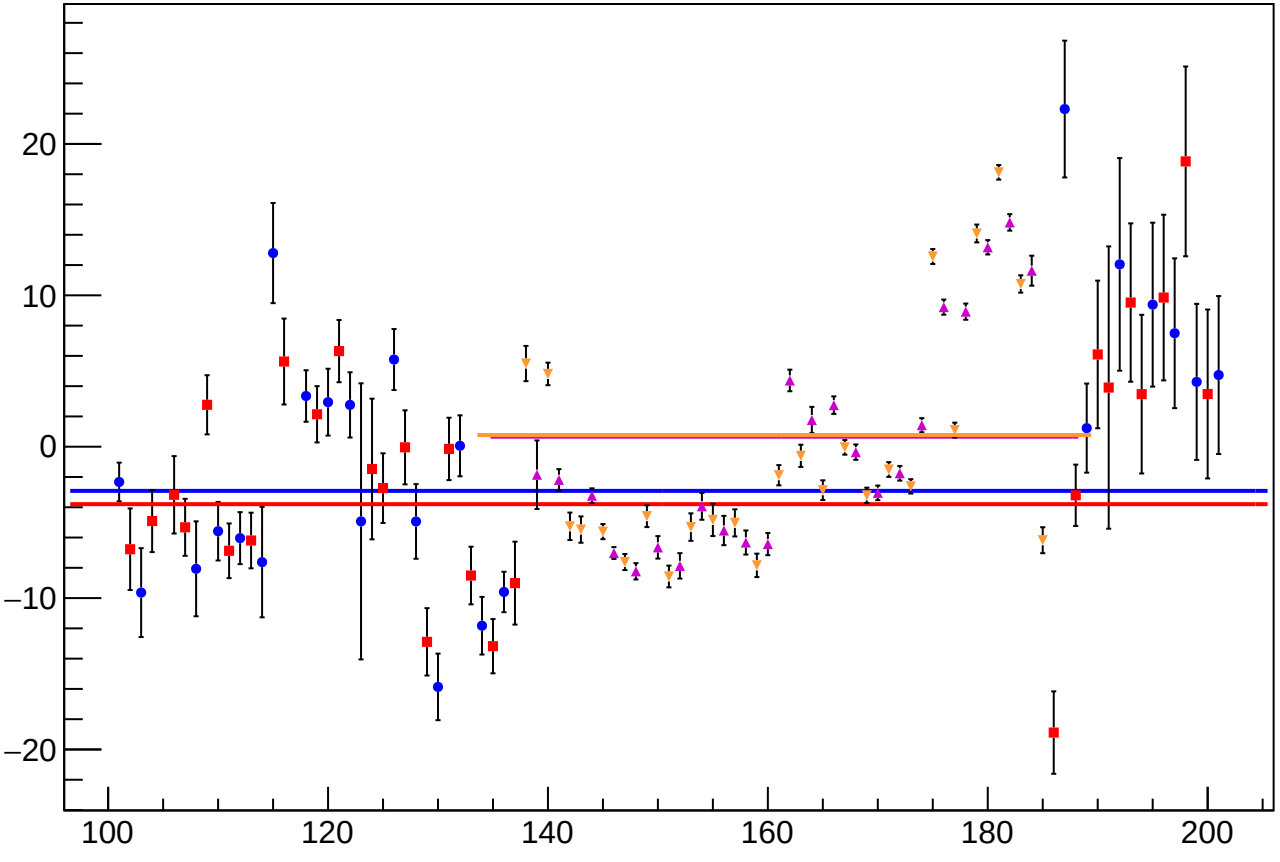
Right: -38.700+/-0.842 χ^2/NDF: 3069.1/15

In: -39.278+/-0.153 χ^2/NDF:9495.9/29

Out: -39.698+/-0.152 χ^2/NDF:11969.9/33

All: -39.490+/-0.108 χ^2/NDF: 21469.6/63

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.917+/-0.476 χ^2/NDF: 219.6/23

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.795+/-0.472 χ^2/NDF: 188.3/26

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

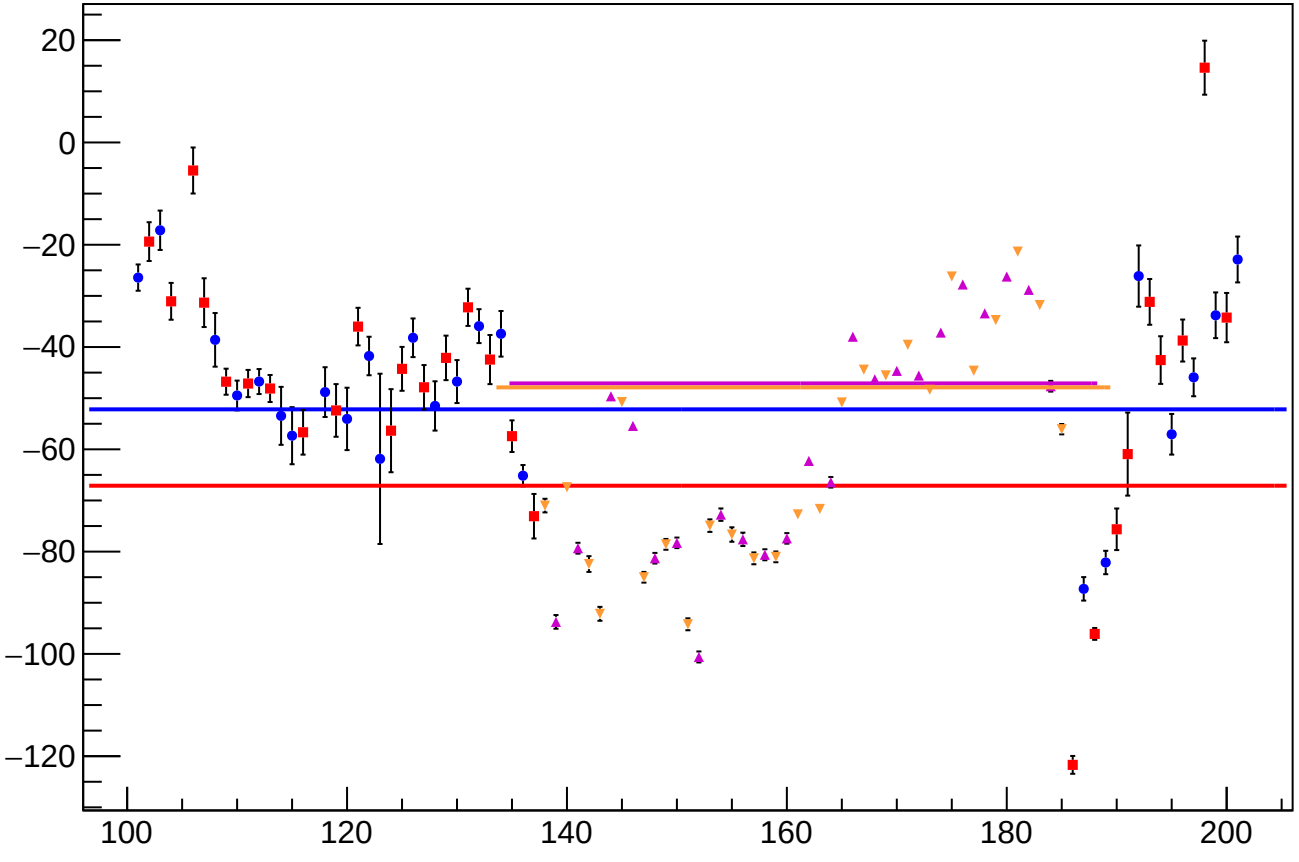
Right: -3.360+/-0.335 χ^2/NDF: 409.6/50

In: 0.434+/-0.120 χ^2/NDF:3613.4/46

Out: 0.474+/-0.120 χ^2/NDF:4228.7/51

All: 0.454+/-0.085 χ^2/NDF: 7842.1/98

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.184+/-0.719 χ^2/NDF: 782.6/23

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -67.115+/-0.611 χ^2/NDF: 3006.6/26

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

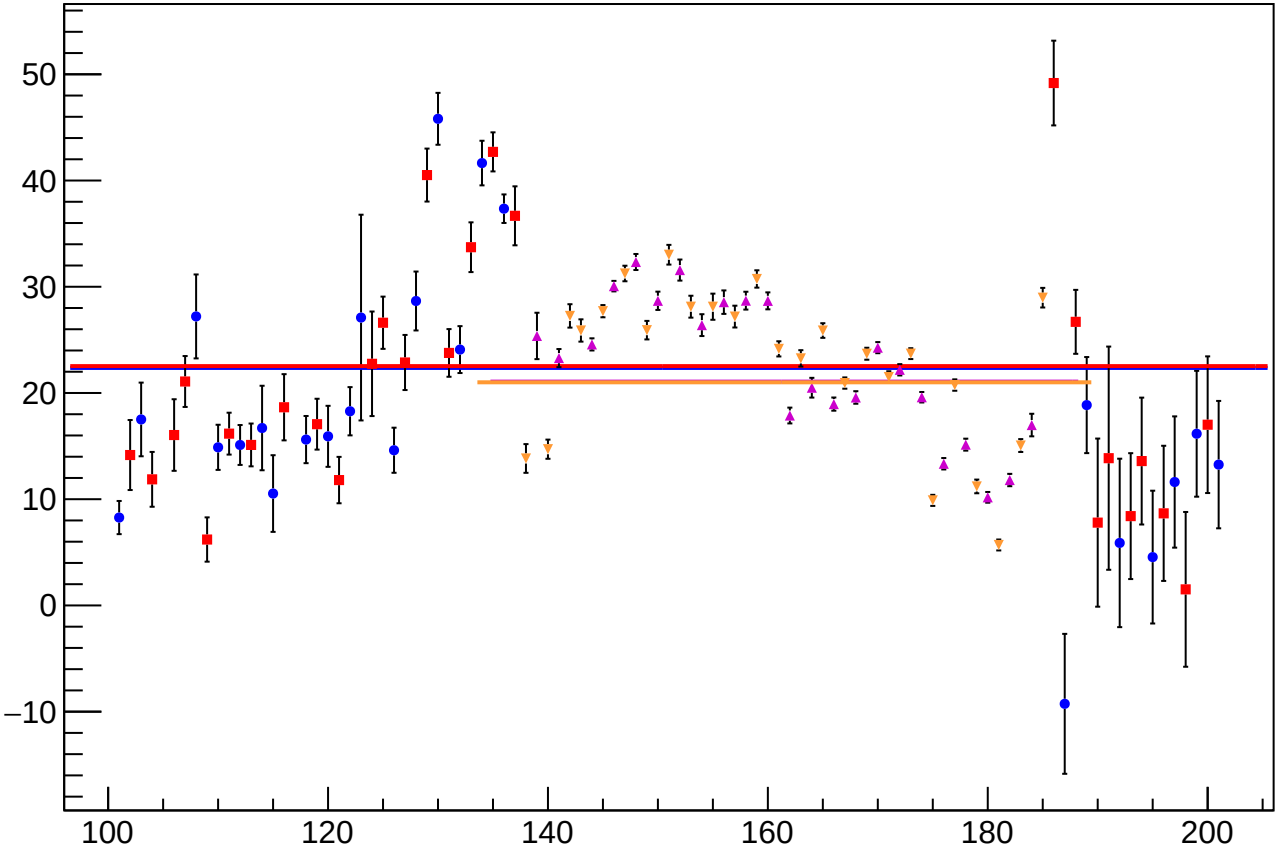
Right: -60.851+/-0.466 χ^2/NDF: 4039.5/50

In: -47.337+/-0.151 χ^2/NDF:16484.9/46

Out: -49.047+/-0.150 χ^2/NDF:20643.4/51

All: -48.199+/-0.107 χ^2/NDF: 37192.7/98

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.360+/-0.540 χ^2/NDF: 505.3/23

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.529+/-0.545 χ^2/NDF: 440.4/26

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

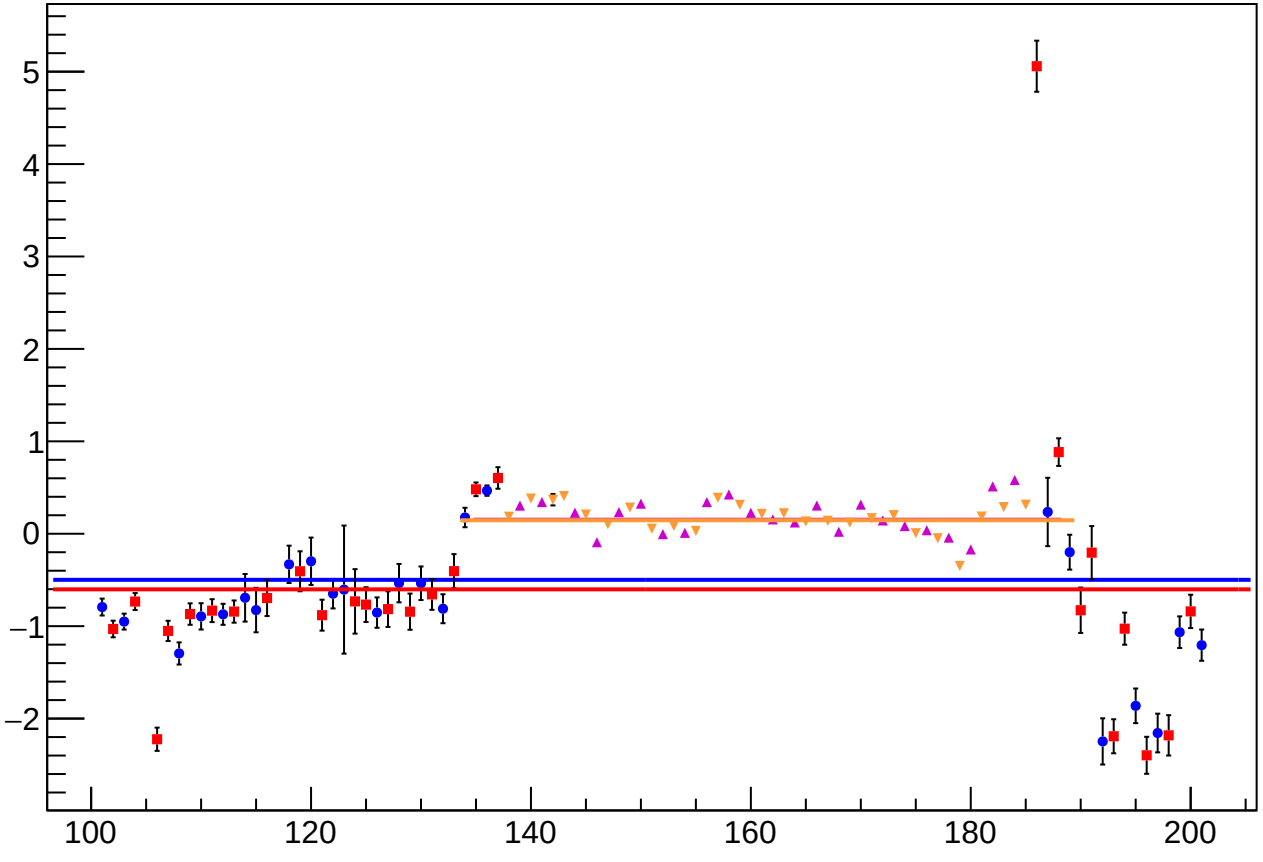
Right: 22.443+/-0.383 χ^2/NDF: 945.8/50

In: 21.149+/-0.135 χ^2/NDF:2687.4/46

Out: 21.098+/-0.135 χ^2/NDF:3237.3/51

All: 21.124+/-0.095 χ^2/NDF: 5924.8/98

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499+/-0.028 χ^2/NDF: 653.0/23

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.602+/-0.028 χ^2/NDF: 1287.8/26

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

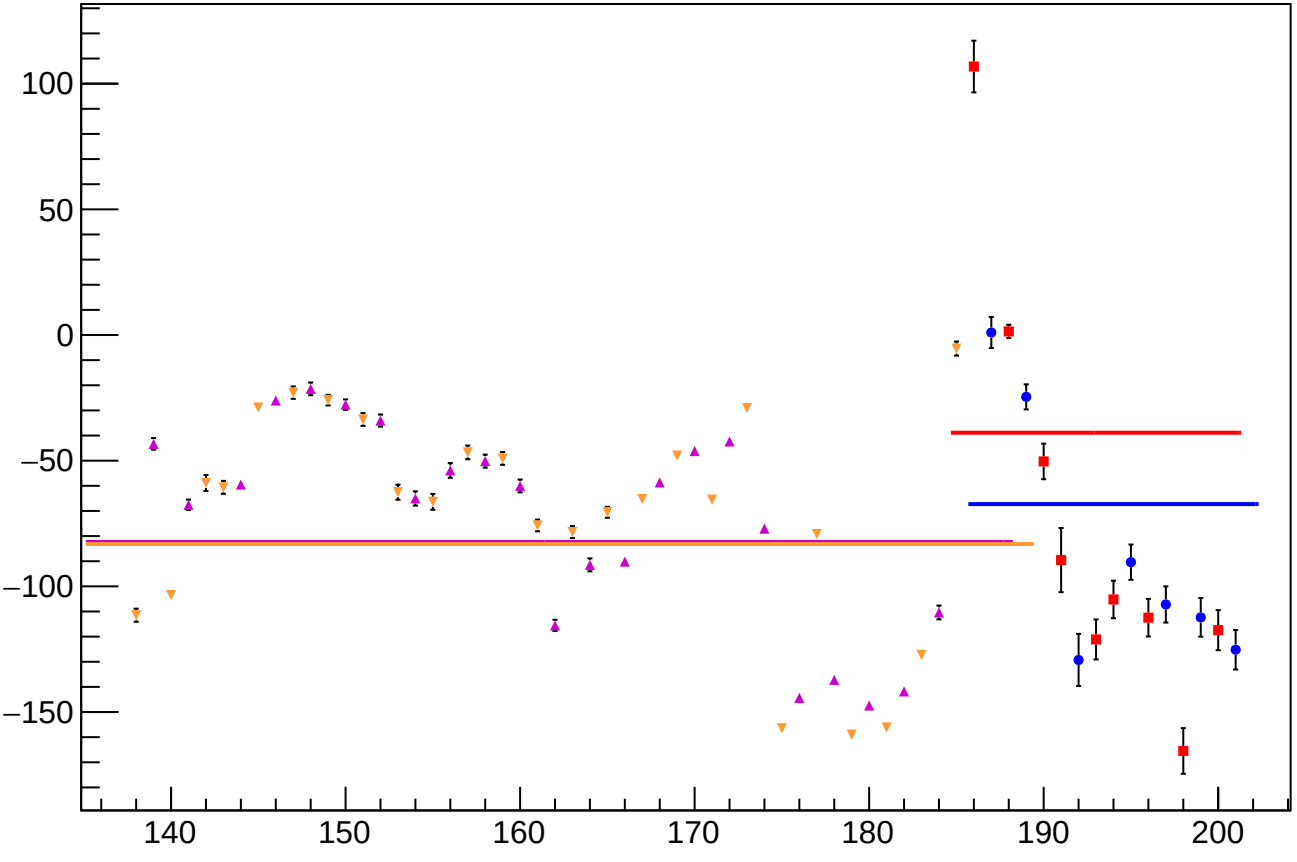
Right: -0.551+/-0.020 χ^2/NDF: 1947.7/50

In: 0.119+/-0.006 χ^2/NDF:2040.1/46

Out: 0.108+/-0.006 χ^2/NDF:2597.7/51

All: 0.114+/-0.004 χ^2/NDF: 4639.4/98

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -67.275+/-2.598 χ^2/NDF: 361.1/6

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -38.873+/-1.973 χ^2/NDF: 1023.1/8

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

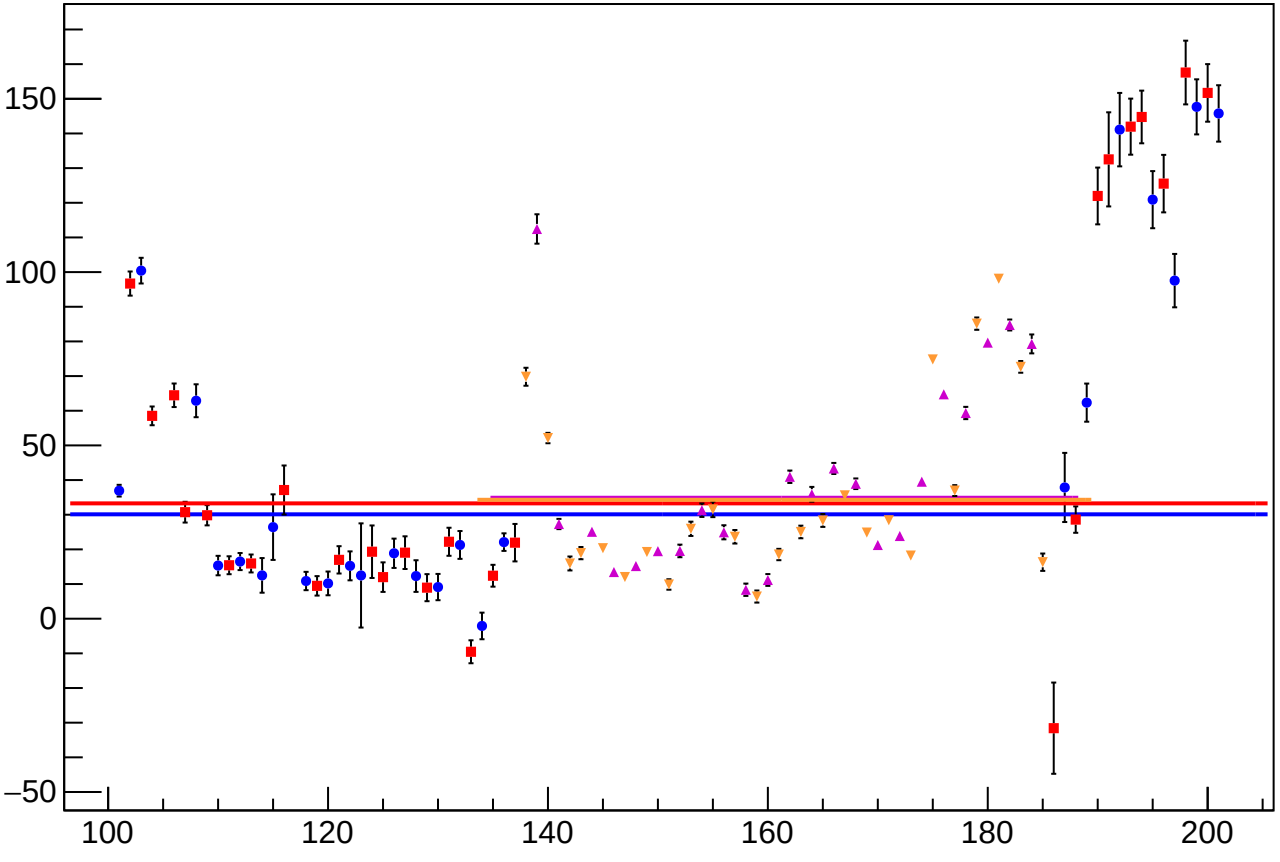
Right: -49.262+/-1.571 χ^2/NDF: 1460.1/15

In: -81.971+/-0.408 χ^2/NDF:11348.9/29

Out: -81.354+/-0.399 χ^2/NDF:15300.8/33

All: -81.655+/-0.285 χ^2/NDF: 26650.9/63

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.115+/-0.773 χ^2/NDF: 1497.7/23

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 33.274+/-0.771 χ^2/NDF: 2088.4/26

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

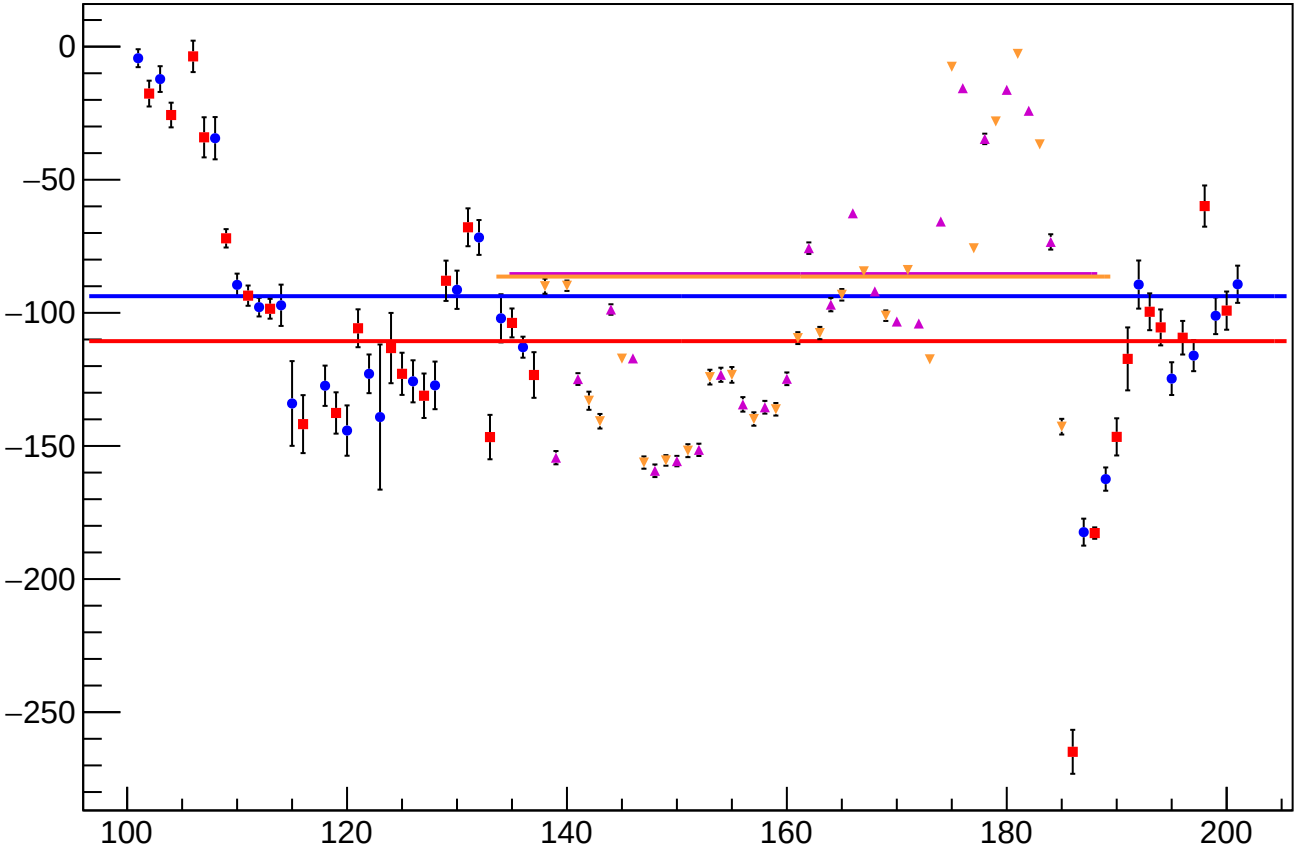
Right: 31.699+/-0.546 χ^2/NDF: 3594.5/50

In: 34.163+/-0.302 χ^2/NDF:6284.7/46

Out: 34.153+/-0.296 χ^2/NDF:8253.6/51

All: 34.158+/-0.212 χ^2/NDF: 14538.3/98

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.738+/-1.193 χ^2/NDF: 1781.8/23

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -110.627+/-1.051 χ^2/NDF: 2943.0/26

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

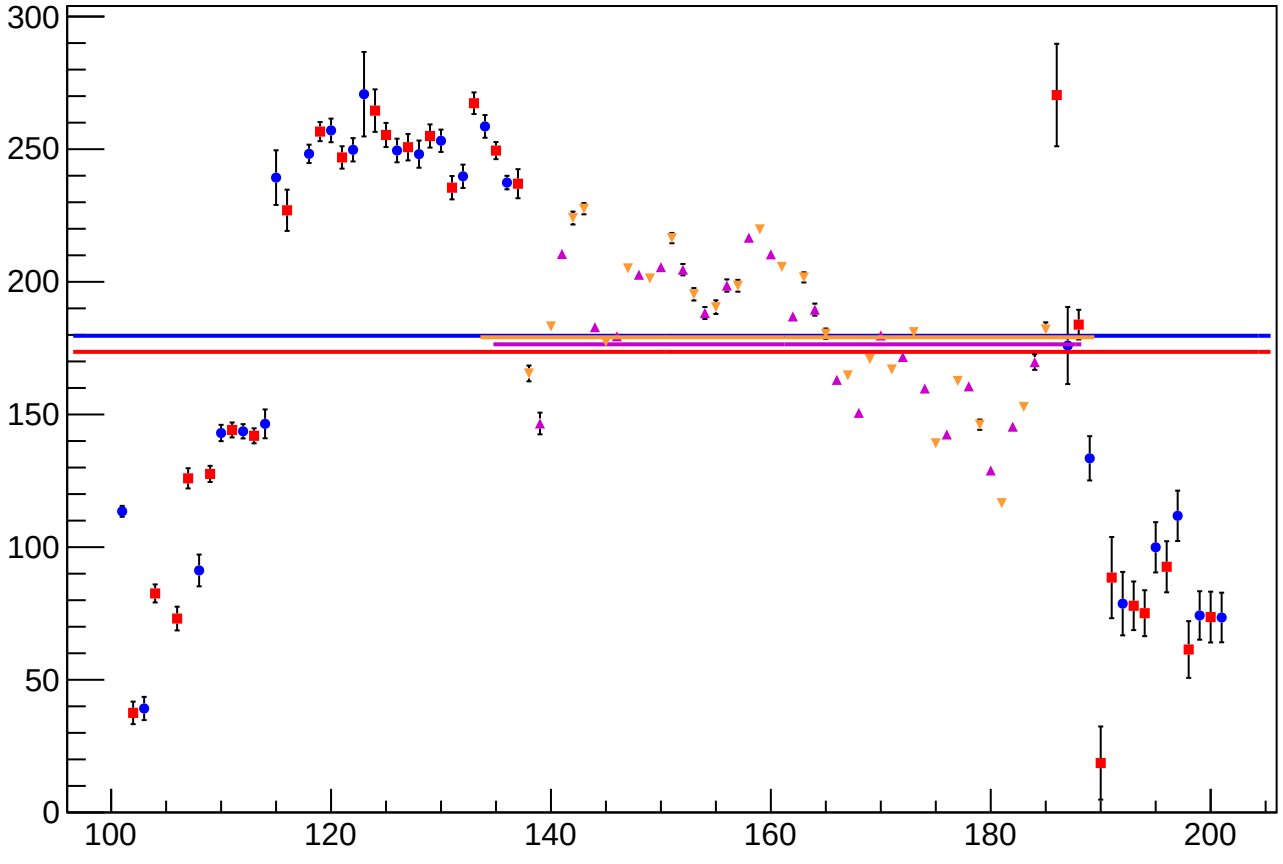
Right: -103.246+/-0.789 χ^2/NDF: 4837.5/50

In: -86.329+/-0.390 χ^2/NDF:14823.8/46

Out: -89.565+/-0.381 χ^2/NDF:17840.0/51

All: -87.985+/-0.273 χ^2/NDF: 32699.0/98

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 179.676+/-0.887 χ^2/NDF: 5912.3/23

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 173.610+/-0.889 χ^2/NDF: 6909.3/26

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

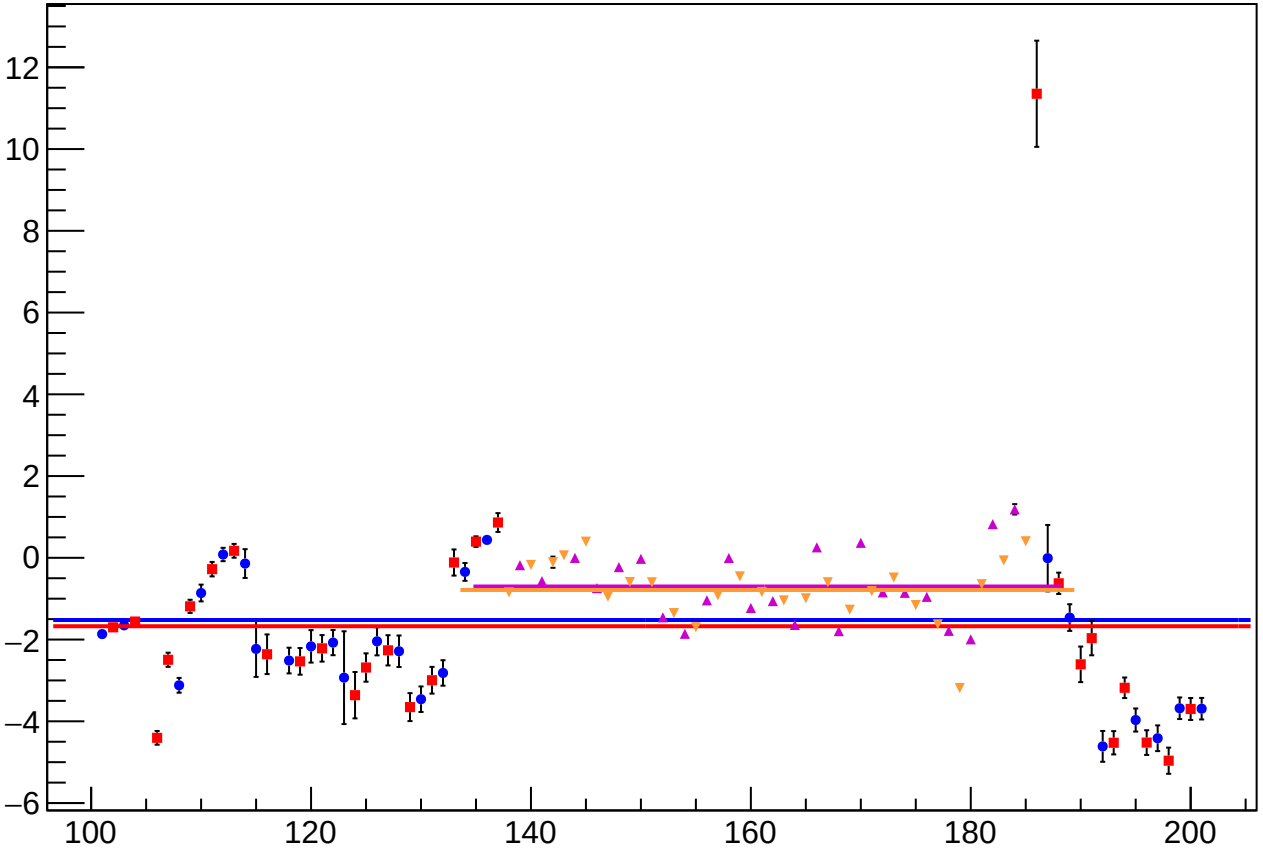
Right: 176.647+/-0.628 χ^2/NDF: 12844.9/50

In: 176.926+/-0.341 χ^2/NDF:10365.7/46

Out: 178.324+/-0.336 χ^2/NDF:12819.6/51

All: 177.636+/-0.239 χ^2/NDF: 23193.8/98

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.522+/-0.045 χ^2/NDF: 1033.6/23

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.674+/-0.042 χ^2/NDF: 1470.5/26

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

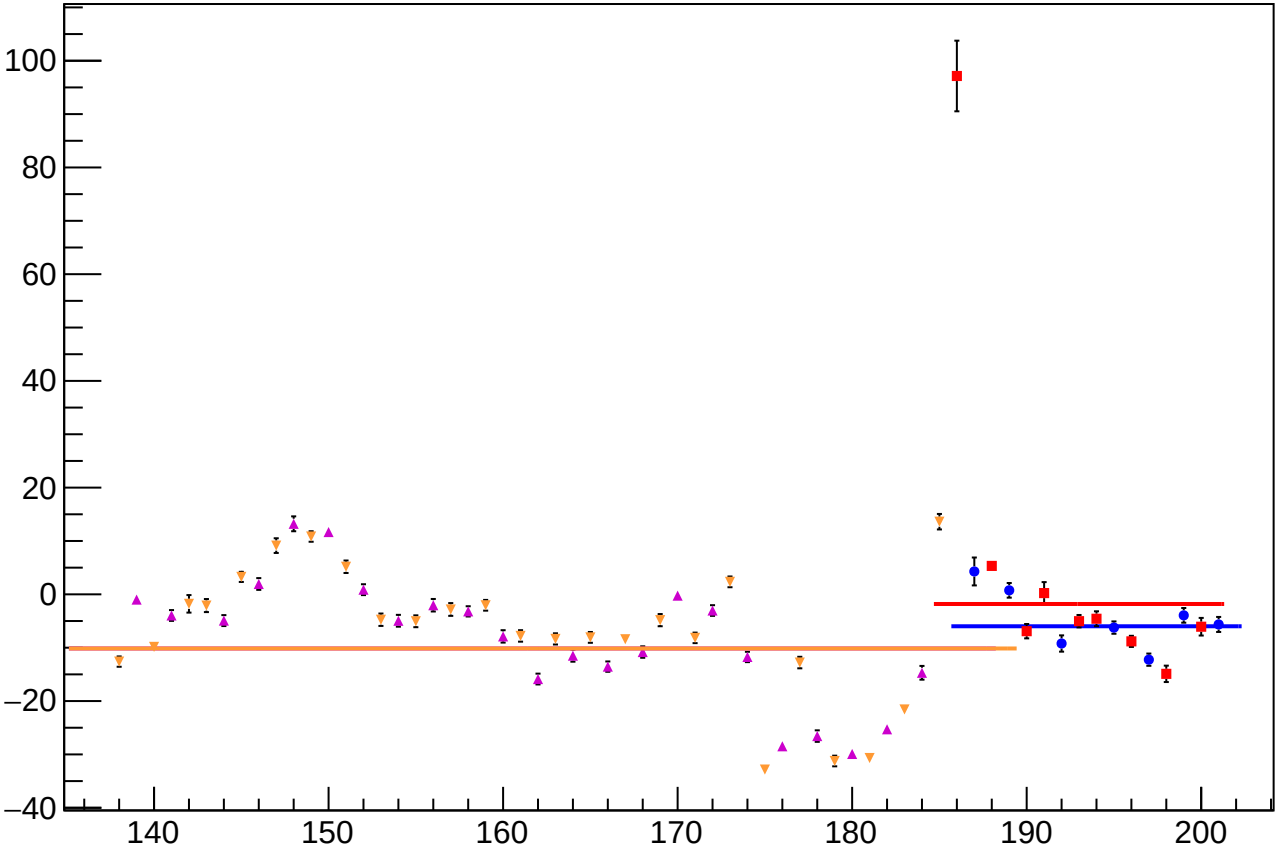
Right: -1.602+/-0.031 χ^2/NDF: 2510.2/50

In: -0.804+/-0.016 χ^2/NDF:3750.3/46

Out: -0.906+/-0.015 χ^2/NDF:3613.3/51

All: -0.856+/-0.011 χ^2/NDF: 7384.8/98

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.985+/-0.524 χ^2/NDF: 76.1/6

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -1.809+/-0.401 χ^2/NDF: 499.2/8

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

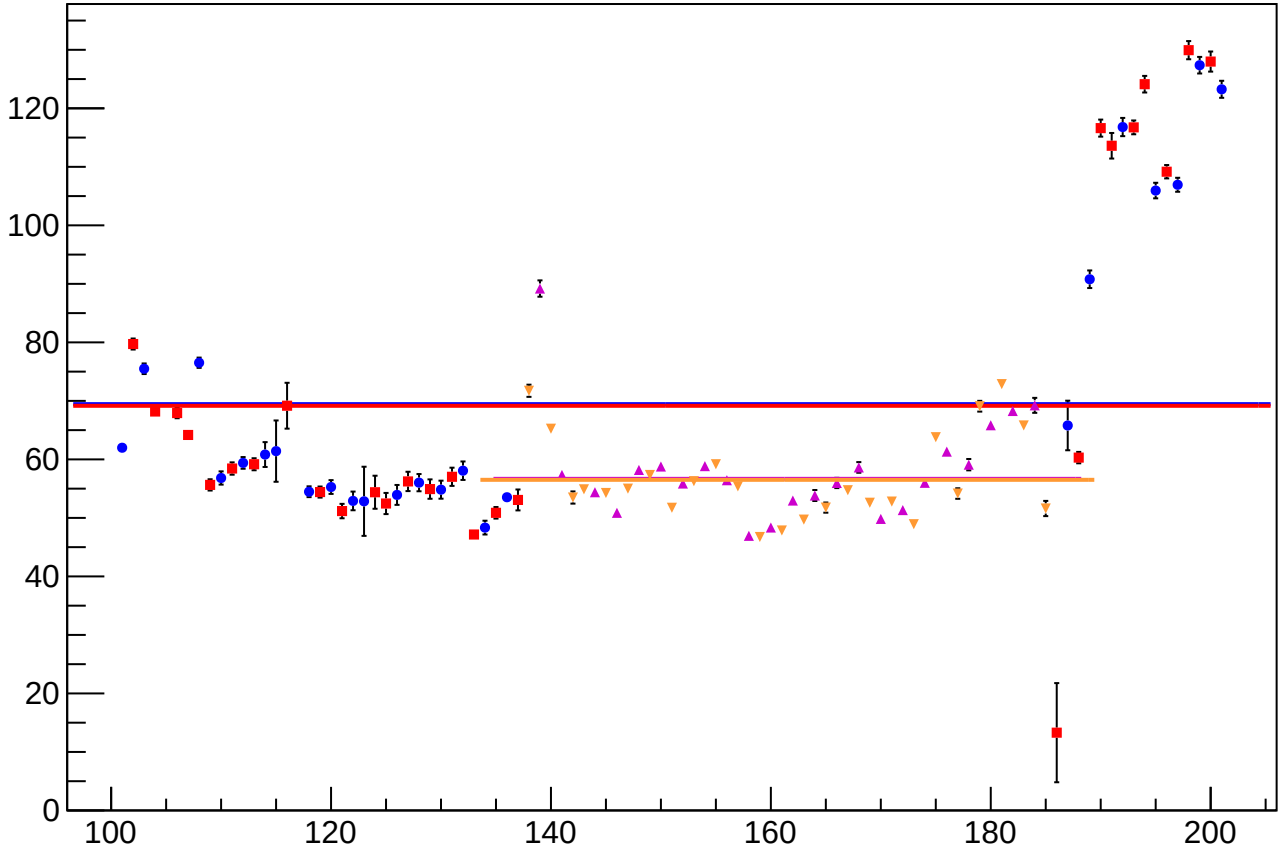
Right: -3.352+/-0.318 χ^2/NDF: 615.3/15

In: -9.601+/-0.190 χ^2/NDF:3622.7/29

Out: -8.462+/-0.180 χ^2/NDF:4972.7/33

All: -9.002+/-0.131 χ^2/NDF: 8614.3/63

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 69.442+/-0.237 χ^2/NDF: 7989.9/23

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 69.160+/-0.220 χ^2/NDF: 11487.3/26

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

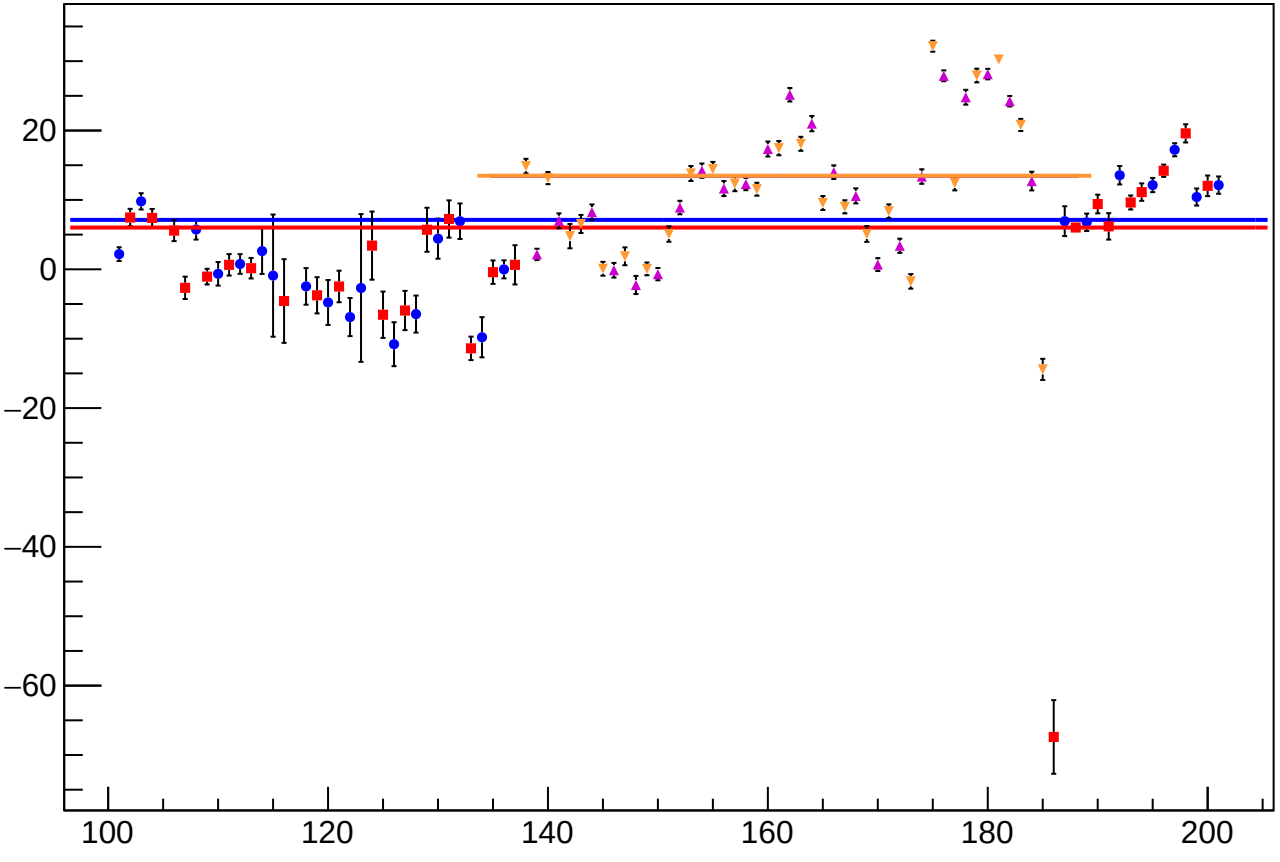
Right: 69.291+/-0.161 χ^2/NDF: 19477.9/50

In: 60.825+/-0.135 χ^2/NDF:11624.3/46

Out: 60.848+/-0.129 χ^2/NDF:15614.1/51

All: 60.837+/-0.093 χ^2/NDF: 27238.5/98

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.124+/-0.323 χ^2/NDF: 436.2/23

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 6.016+/-0.268 χ^2/NDF: 723.0/26

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

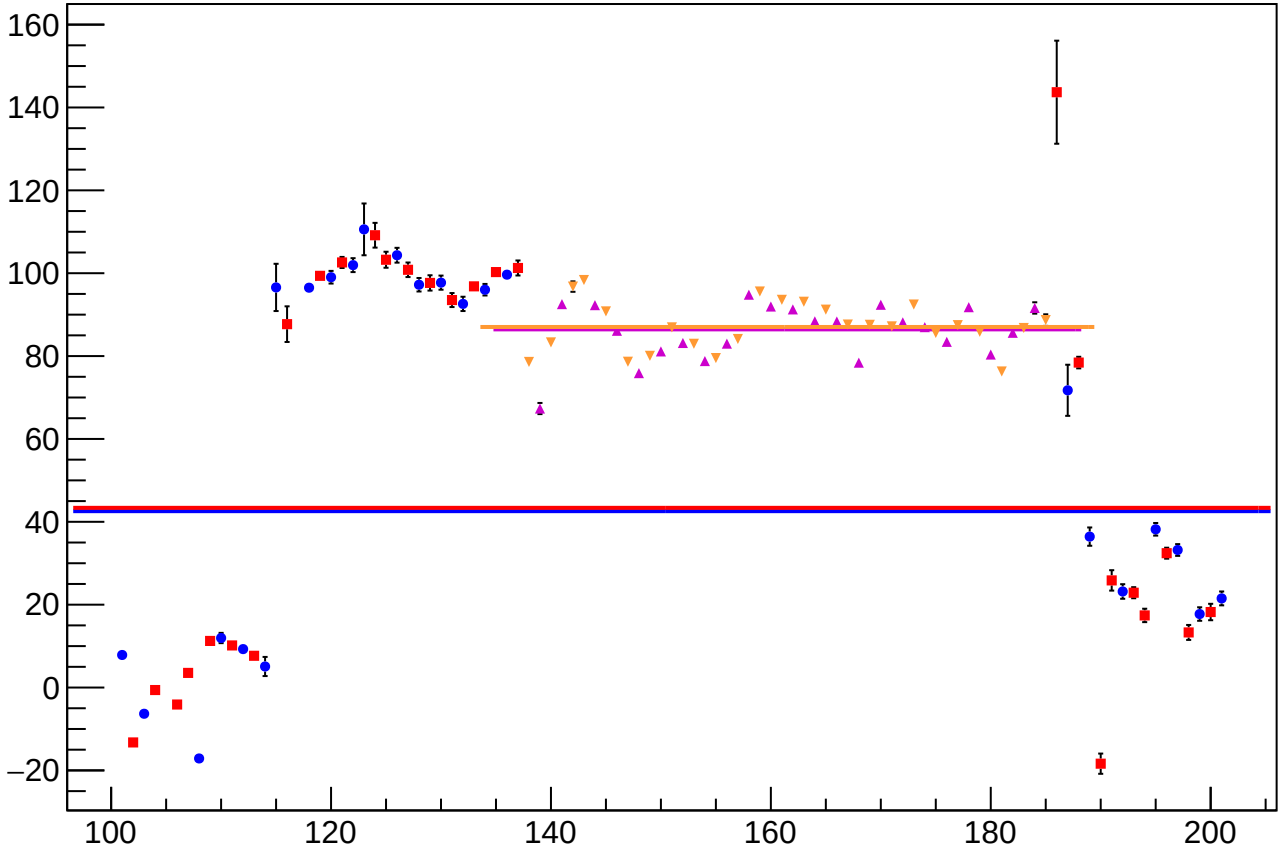
Right: 6.468+/-0.206 χ^2/NDF: 1166.1/50

In: 11.665+/-0.172 χ^2/NDF:3083.2/46

Out: 10.784+/-0.161 χ^2/NDF:3949.0/51

All: 11.196+/-0.118 χ^2/NDF: 7046.1/98

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.569+/-0.276 χ^2/NDF: 25748.8/23

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 43.373+/-0.261 χ^2/NDF: 30356.0/26

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

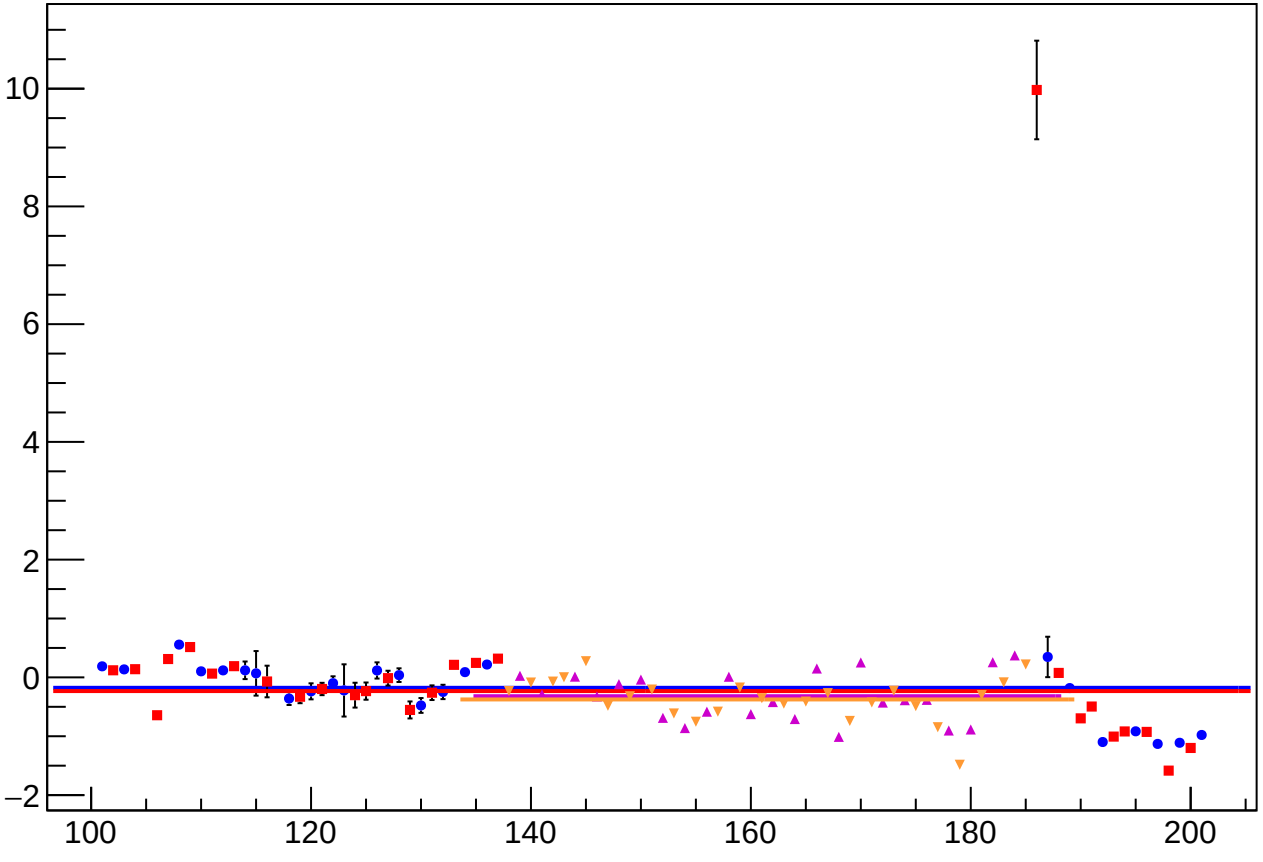
Right: 42.994+/-0.190 χ^2/NDF: 56109.3/50

In: 72.969+/-0.153 χ^2/NDF:44249.7/46

Out: 72.975+/-0.148 χ^2/NDF:50448.3/51

All: 72.972+/-0.106 χ^2/NDF: 94698.0/98

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.177+/-0.012 χ^2/NDF: 2629.6/23

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.233+/-0.011 χ^2/NDF: 3167.9/26

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

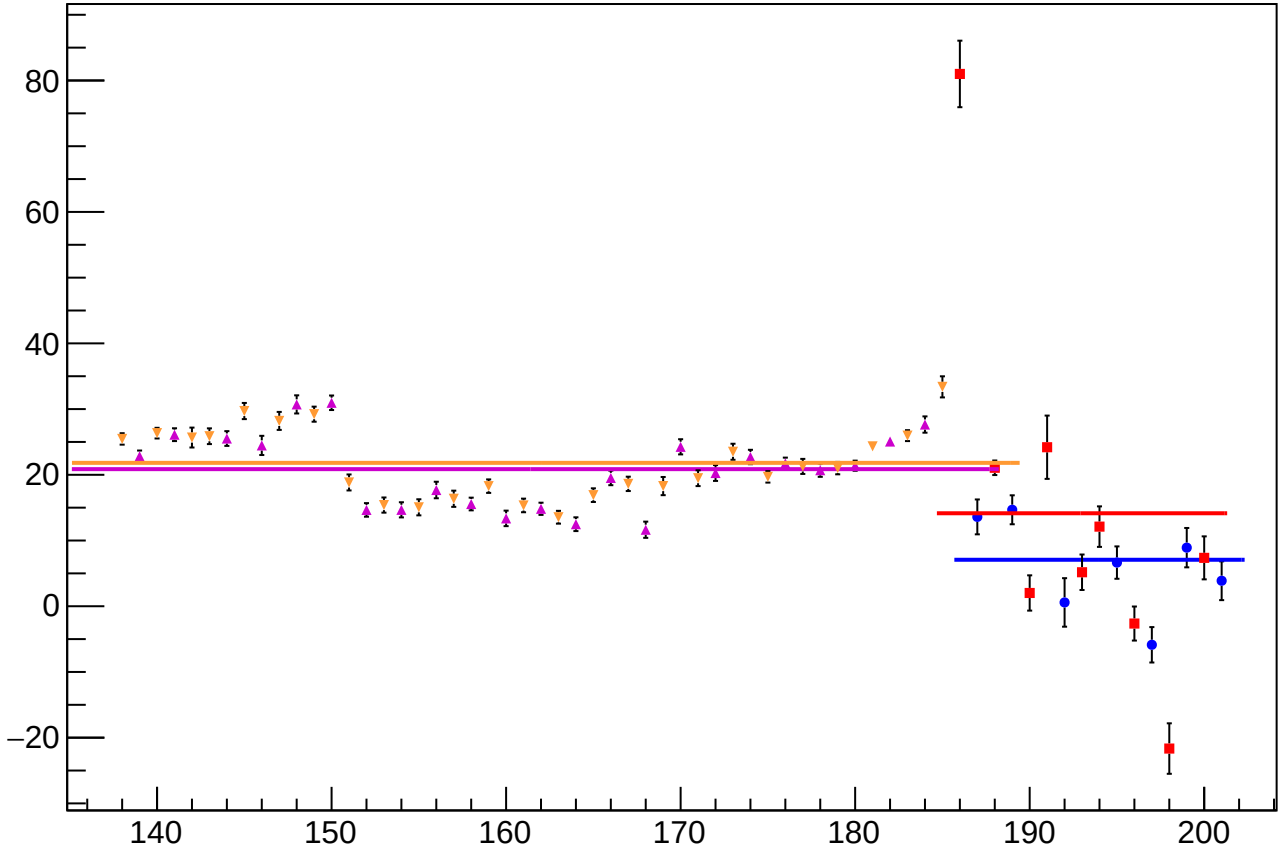
Right: -0.207+/-0.008 χ^2/NDF: 5809.9/50

In: -0.273+/-0.007 χ^2/NDF:5056.4/46

Out: -0.323+/-0.006 χ^2/NDF:4937.3/51

All: -0.298+/-0.005 χ^2/NDF: 10022.9/98

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.072+/-1.026 χ^2/NDF: 45.7/6

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 14.148+/-0.793 χ^2/NDF: 382.9/8

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

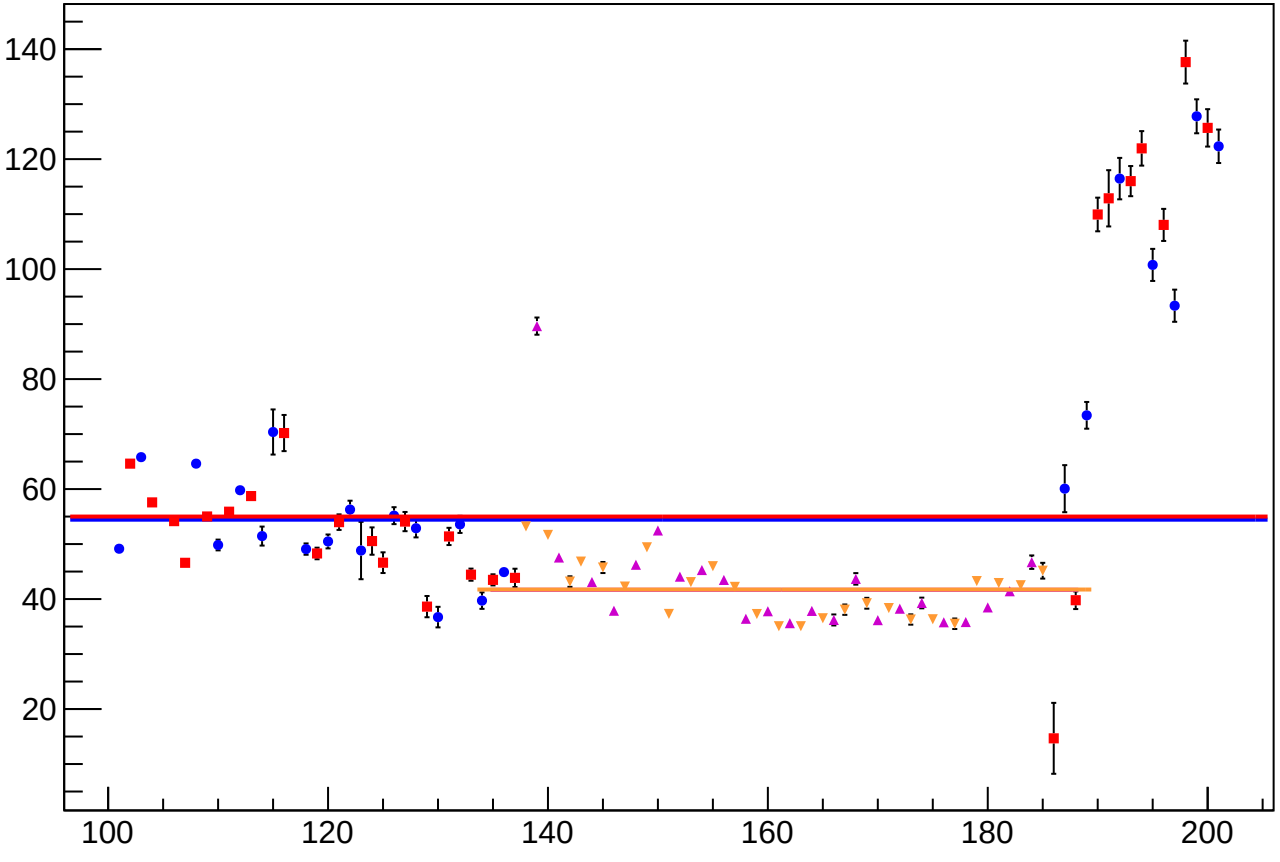
Right: 11.500+/-0.627 χ^2/NDF: 458.4/15

In: 20.277+/-0.211 χ^2/NDF:794.3/29

Out: 21.314+/-0.203 χ^2/NDF:993.0/33

All: 20.815+/-0.146 χ^2/NDF: 1799.9/63

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.435+/-0.207 χ^2/NDF: 3070.7/23

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 55.001+/-0.222 χ^2/NDF: 3656.5/26

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

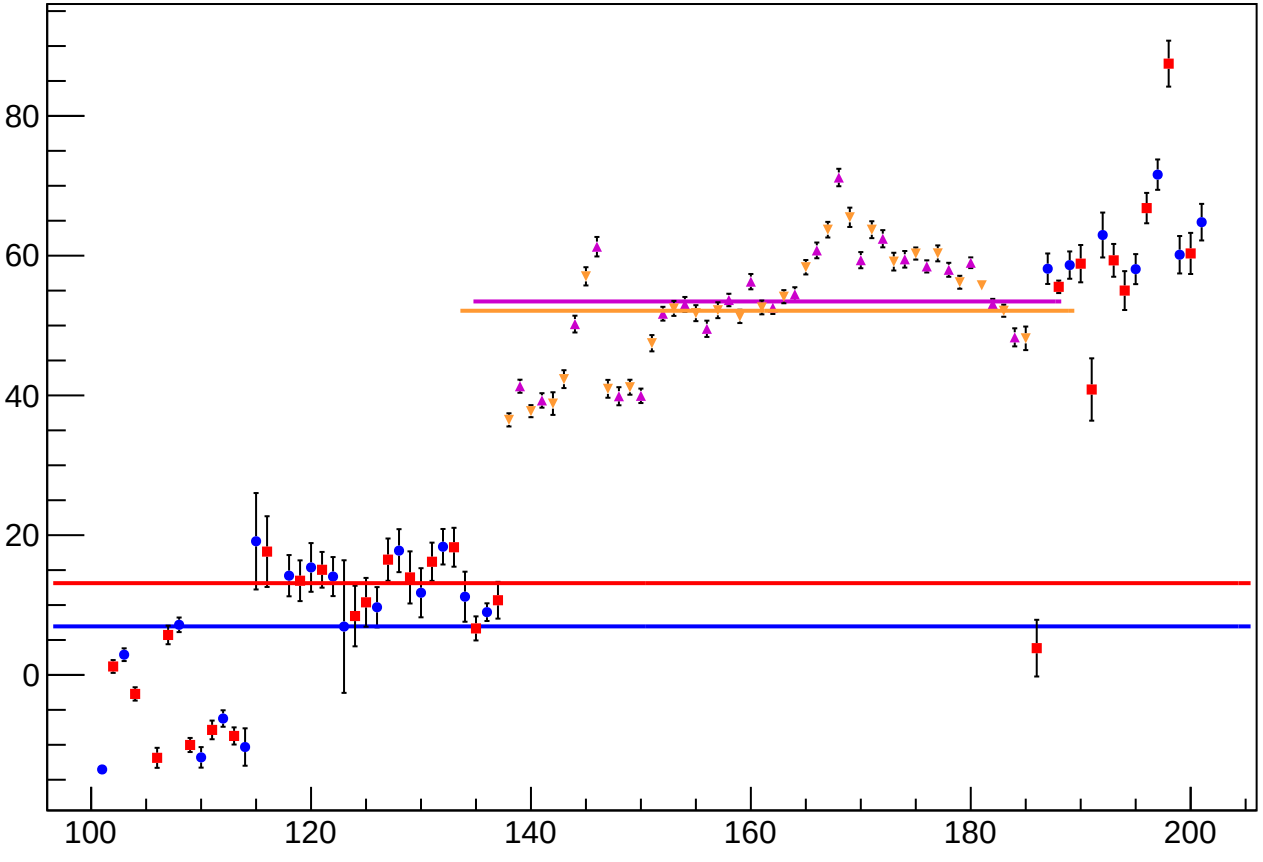
Right: 54.699+/-0.151 χ^2/NDF: 6730.6/50

In: 46.947+/-0.133 χ^2/NDF:7019.2/46

Out: 46.498+/-0.133 χ^2/NDF:6969.3/51

All: 46.723+/-0.094 χ^2/NDF: 13994.2/98

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.947+/-0.336 χ^2/NDF: 5382.5/23

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 13.133+/-0.331 χ^2/NDF: 6479.8/26

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

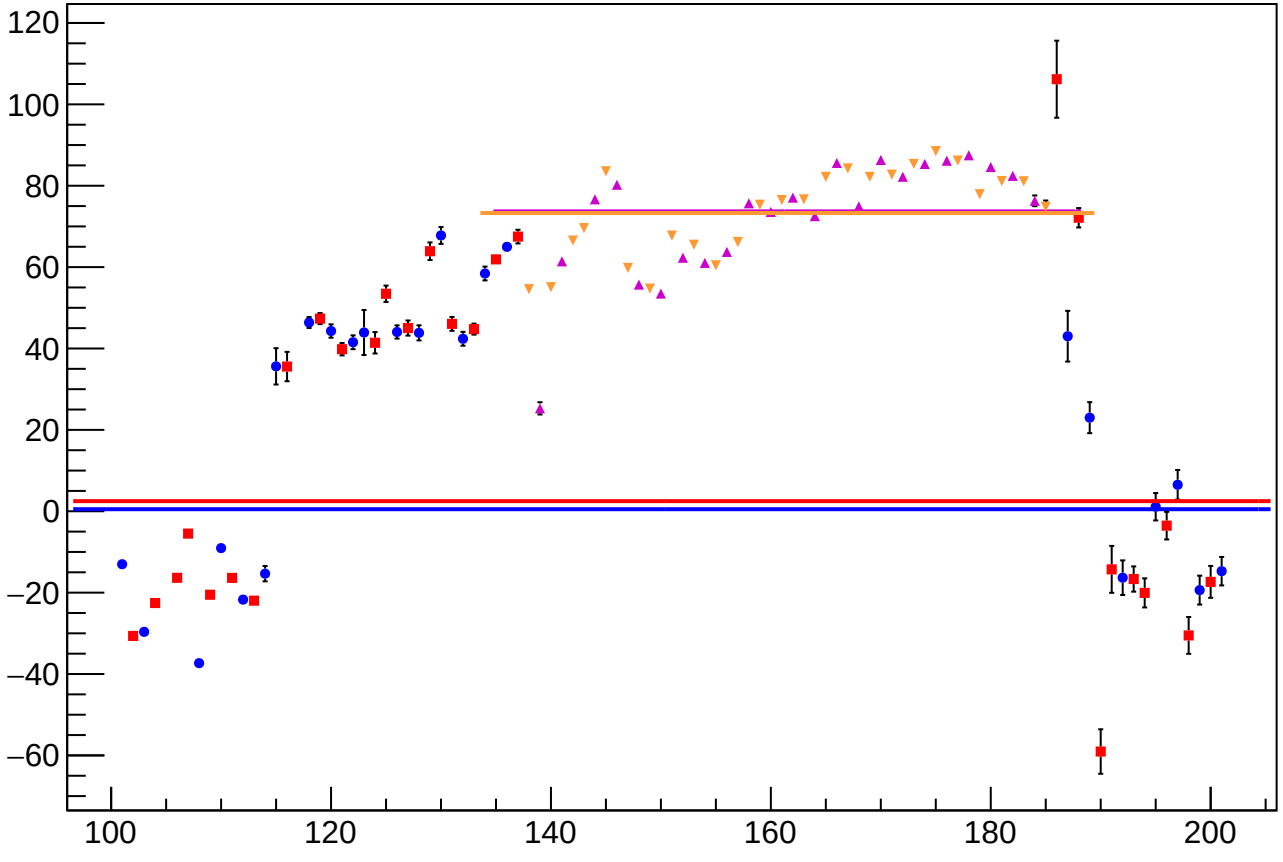
Right: 10.093+/-0.236 χ^2/NDF: 12034.4/50

In: 40.012+/-0.181 χ^2/NDF:20137.9/46

Out: 40.877+/-0.178 χ^2/NDF:17818.7/51

All: 40.452+/-0.127 χ^2/NDF: 37968.2/98

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.505+/-0.243 χ^2/NDF: 18573.9/23

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.488+/-0.262 χ^2/NDF: 16650.1/26

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

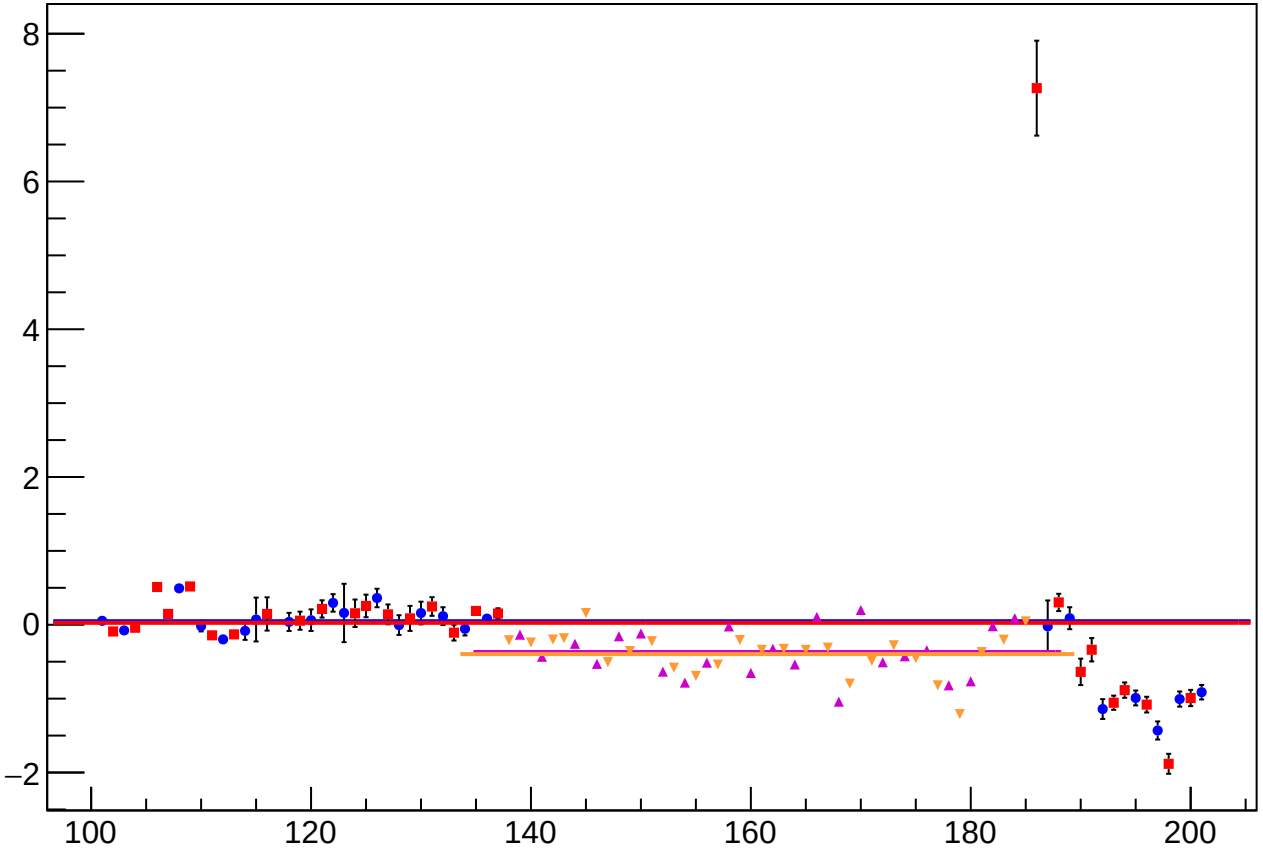
Right: 1.424+/-0.178 χ^2/NDF: 35254.8/50

In: 45.264+/-0.152 χ^2/NDF:77856.8/46

Out: 49.304+/-0.152 χ^2/NDF:68196.1/51

All: 47.274+/-0.107 χ^2/NDF: 146406.3/98

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.048+/-0.011 χ^2/NDF: 957.5/23

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.026+/-0.011 χ^2/NDF: 1164.1/26

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

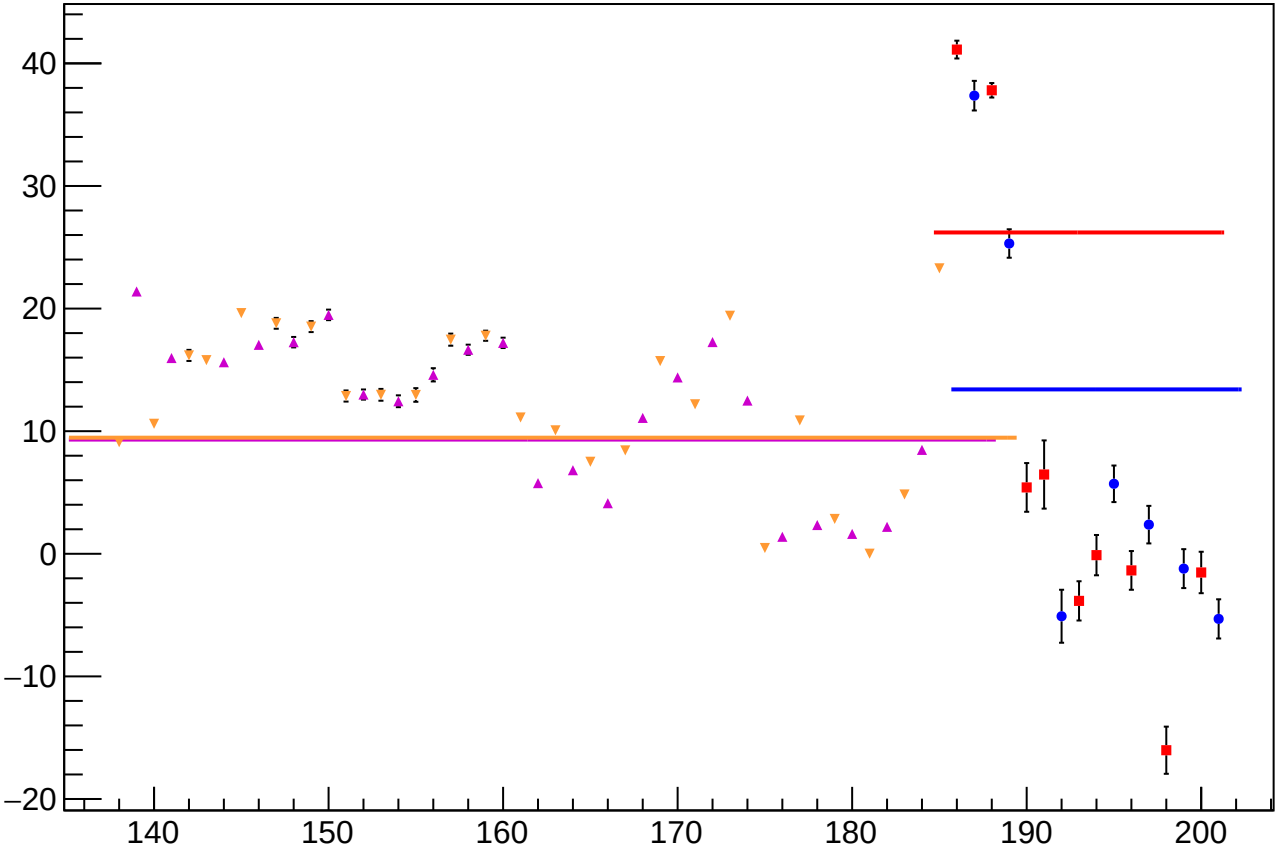
Right: 0.037+/-0.008 χ^2/NDF: 2123.8/50

In: -0.204+/-0.007 χ^2/NDF:3196.2/46

Out: -0.232+/-0.007 χ^2/NDF:3059.3/51

All: -0.218+/-0.005 χ^2/NDF: 6264.1/98

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.408+/-0.550 χ^2/NDF: 872.1/6

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 26.209+/-0.380 χ^2/NDF: 2630.9/8

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

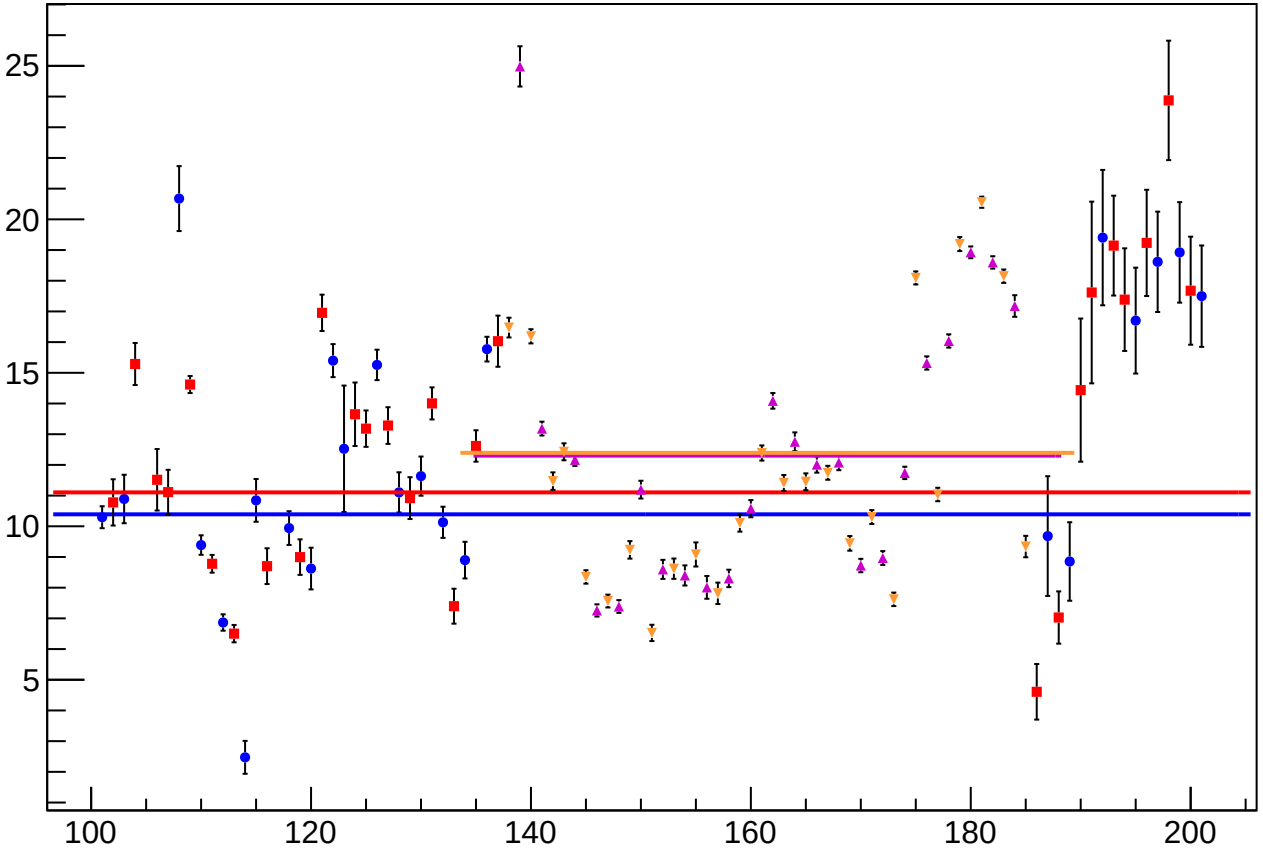
Right: 22.071+/-0.313 χ^2/NDF: 3869.6/15

In: 9.367+/-0.062 χ^2/NDF:11934.1/29

Out: 9.895+/-0.061 χ^2/NDF:17098.9/33

All: 9.639+/-0.043 χ^2/NDF: 29069.8/63

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.390+/-0.117 χ^2/NDF: 982.2/23

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.105+/-0.113 χ^2/NDF: 1002.0/26

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

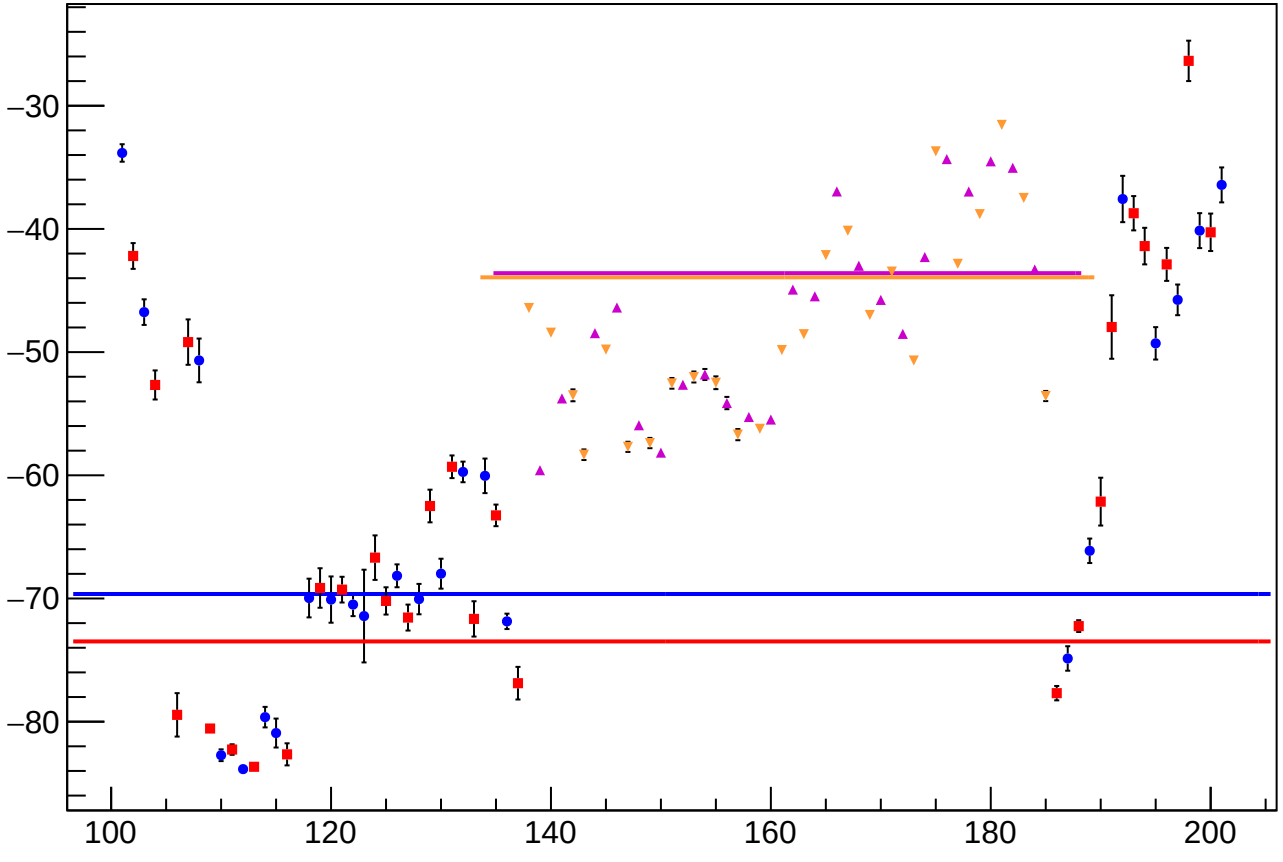
Right: 10.759+/-0.081 χ^2/NDF: 2003.5/50

In: 11.995+/-0.047 χ^2/NDF:6868.4/46

Out: 12.184+/-0.046 χ^2/NDF:8636.6/51

All: 12.092+/-0.033 χ^2/NDF: 15513.3/98

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.636+/-0.182 χ^2/NDF: 7653.2/23

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -73.486+/-0.157 χ^2/NDF: 6548.8/26

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

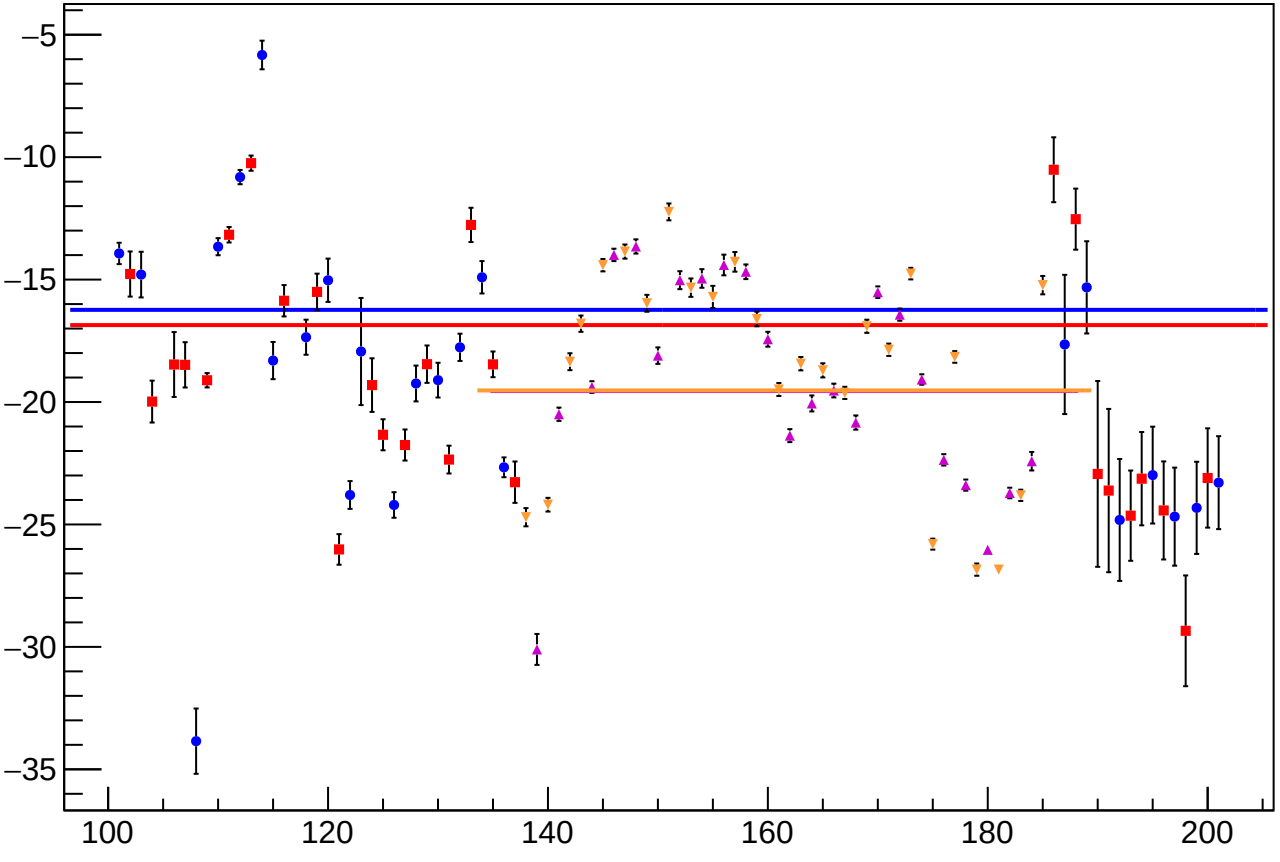
Right: -71.844+/-0.119 χ^2/NDF: 14458.0/50

In: -46.377+/-0.060 χ^2/NDF:41470.5/46

Out: -47.915+/-0.058 χ^2/NDF:54740.0/51

All: -47.171+/-0.041 χ^2/NDF: 96553.9/98

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.236+/-0.130 χ^2/NDF: 1716.5/23

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.858+/-0.126 χ^2/NDF: 1331.1/26

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

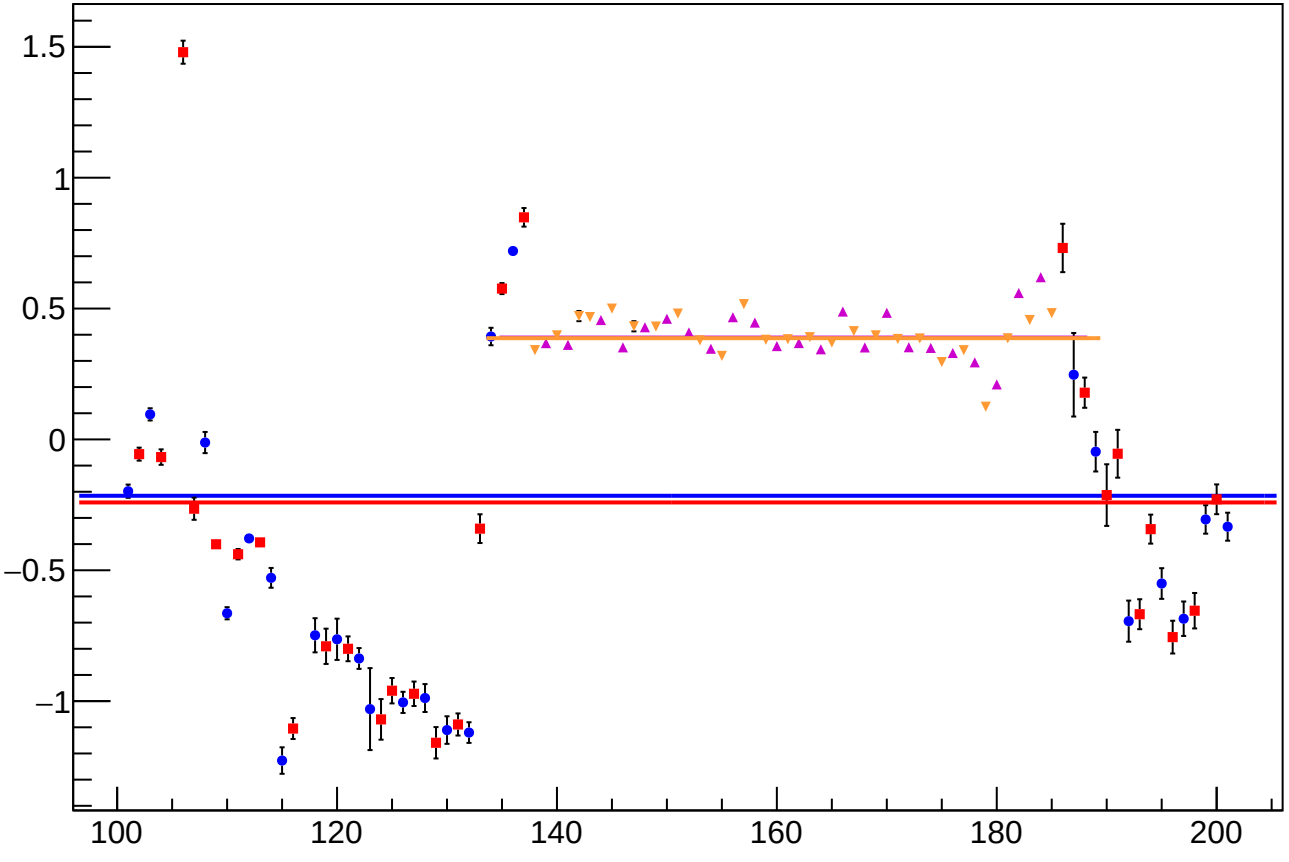
Right: -16.559+/-0.090 χ^2/NDF: 3059.4/50

In: -19.017+/-0.052 χ^2/NDF:6619.1/46

Out: -19.085+/-0.051 χ^2/NDF:8200.9/51

All: -19.052+/-0.037 χ^2/NDF: 14820.9/98

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.215+/-0.007 χ^2/NDF: 6486.0/23

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.241+/-0.007 χ^2/NDF: 6539.1/26

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

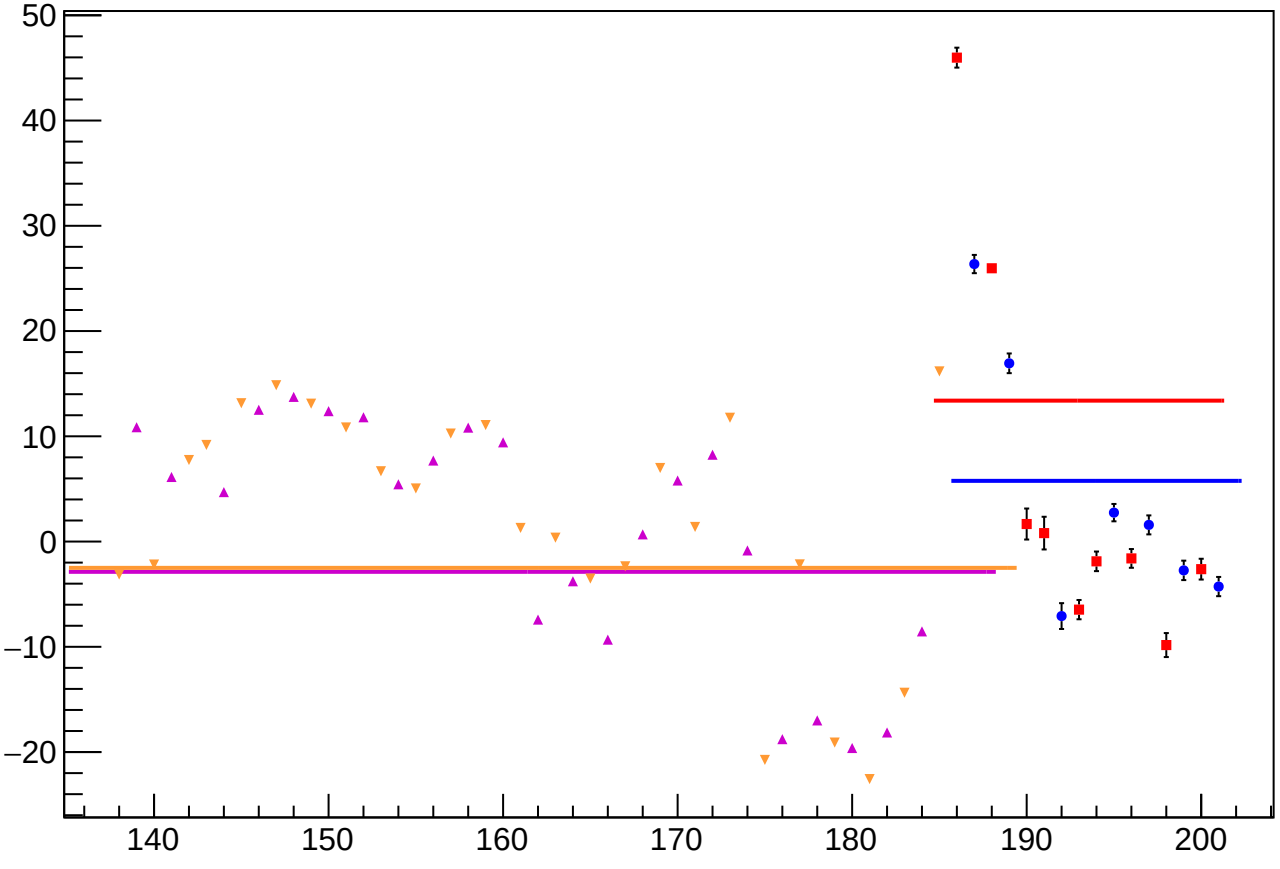
Right: -0.229+/-0.005 χ^2/NDF: 13031.7/50

In: 0.319+/-0.002 χ^2/NDF:13945.6/46

Out: 0.309+/-0.002 χ^2/NDF:14912.9/51

All: 0.314+/-0.002 χ^2/NDF: 28866.7/98

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.767+/-0.349 χ^2/NDF: 1055.7/6

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 13.388+/-0.279 χ^2/NDF: 3875.8/8

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

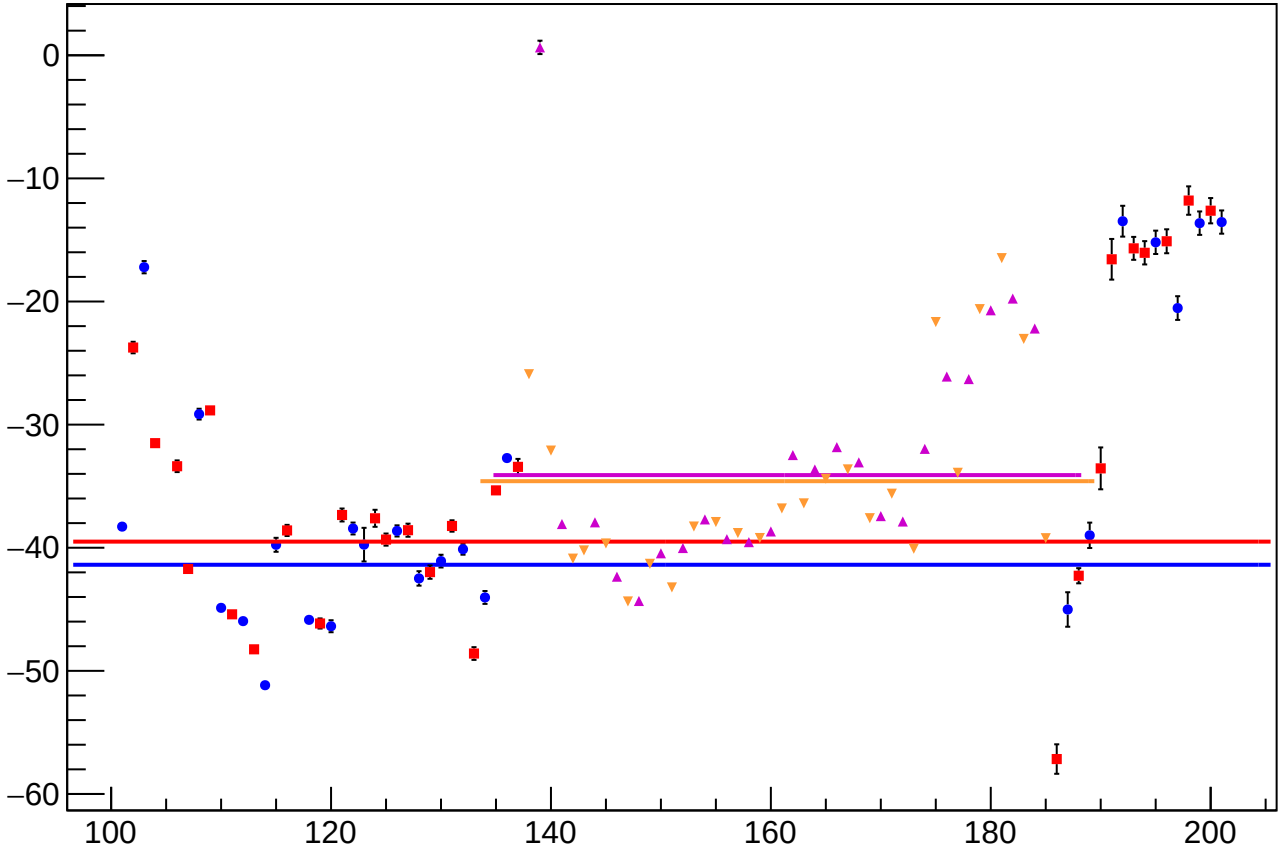
Right: 10.420+/-0.218 χ^2/NDF: 5222.4/15

In: -2.669+/-0.054 χ^2/NDF:48034.7/29

Out: -1.946+/-0.052 χ^2/NDF:62938.6/33

All: -2.295+/-0.037 χ^2/NDF: 111066.3/63

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.383+/-0.076 χ^2/NDF: 10137.1/23

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.503+/-0.071 χ^2/NDF: 14558.9/26

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

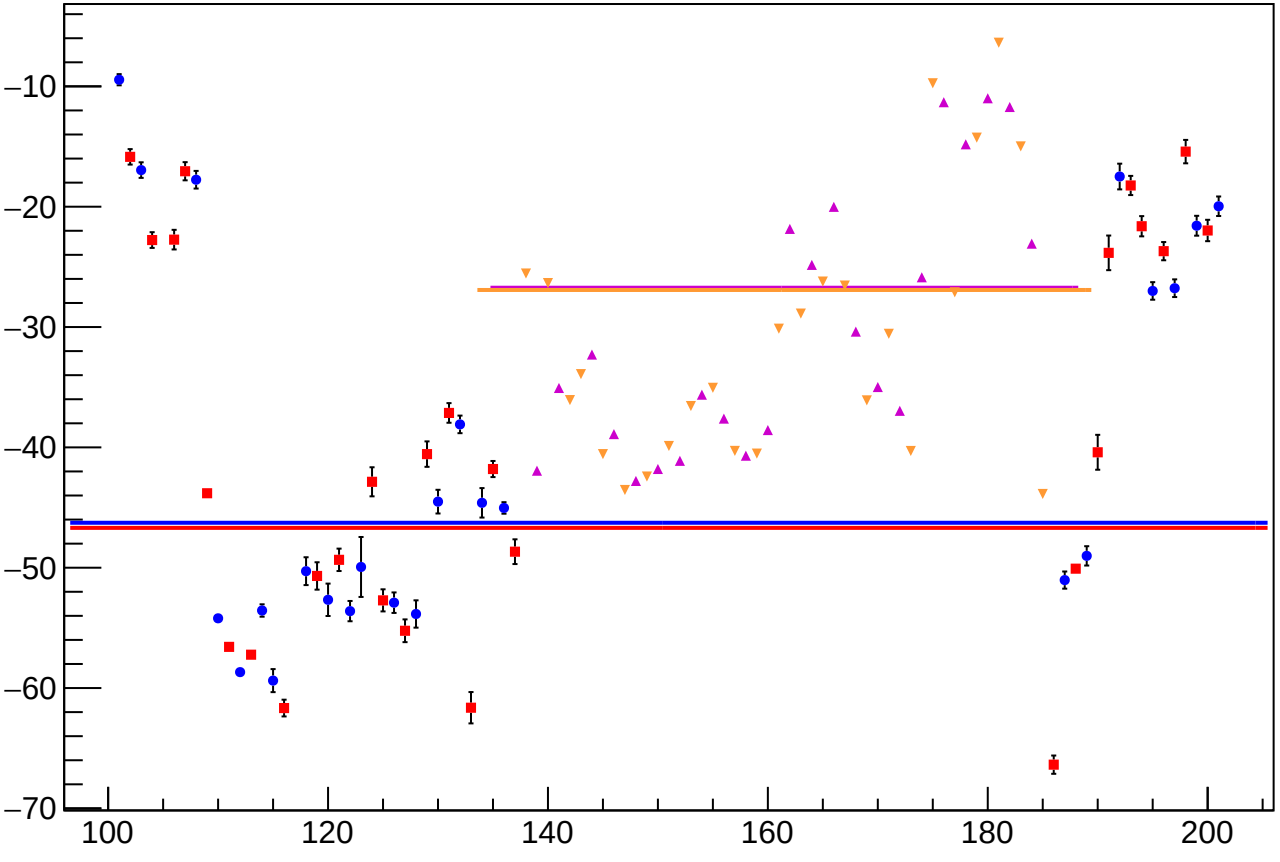
Right: -40.378+/-0.052 χ^2/NDF: 25020.5/50

In: -35.908+/-0.038 χ^2/NDF:46360.4/46

Out: -35.860+/-0.036 χ^2/NDF:52494.1/51

All: -35.883+/-0.026 χ^2/NDF: 98855.3/98

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.264+/-0.115 χ^2/NDF: 19183.8/23

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -46.688+/-0.098 χ^2/NDF: 17240.2/26

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

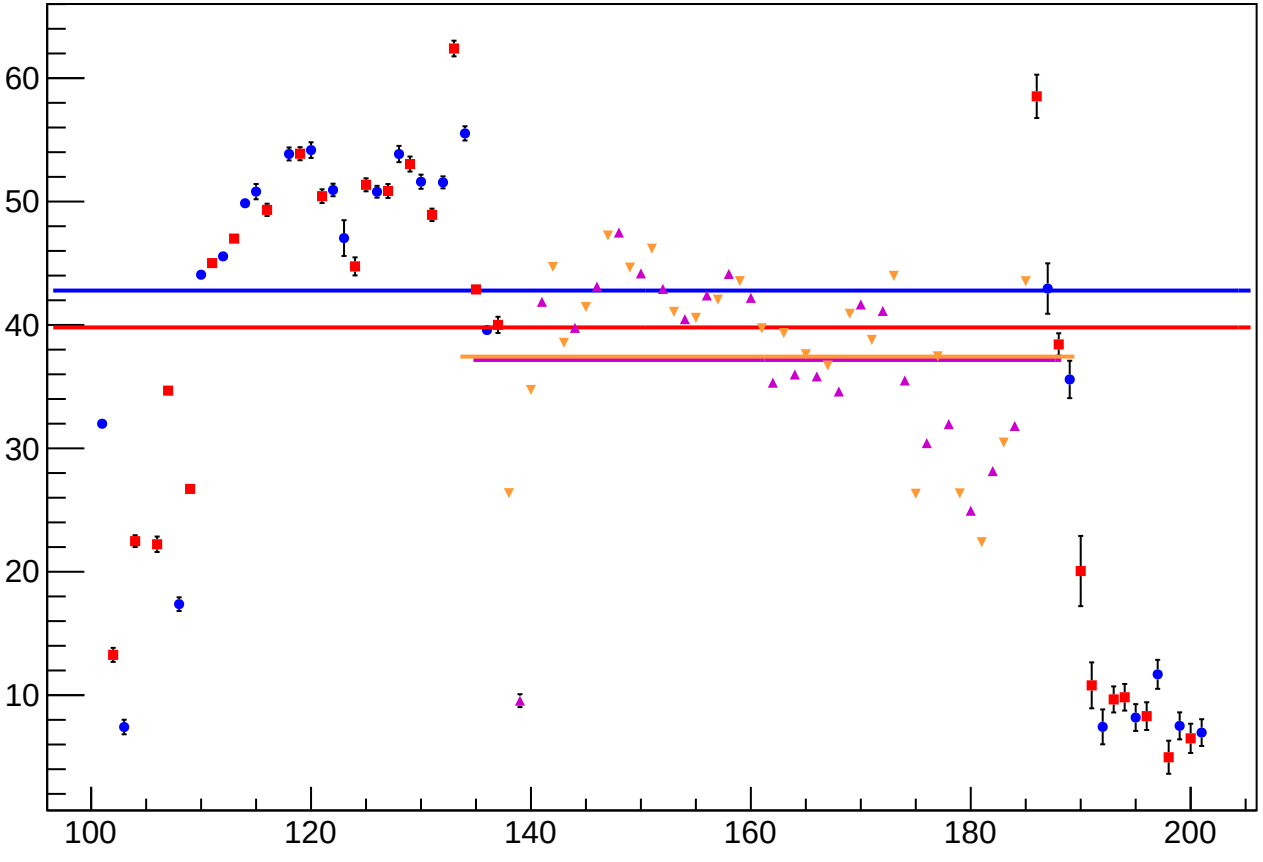
Right: -46.510+/-0.074 χ^2/NDF: 36431.9/50

In: -30.343+/-0.049 χ^2/NDF:85367.9/46

Out: -31.458+/-0.047 χ^2/NDF:97979.7/51

All: -30.931+/-0.034 χ^2/NDF: 183616.3/98

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.788+/-0.085 χ^2/NDF: 15262.7/23

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 39.800+/-0.079 χ^2/NDF: 21303.6/26

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

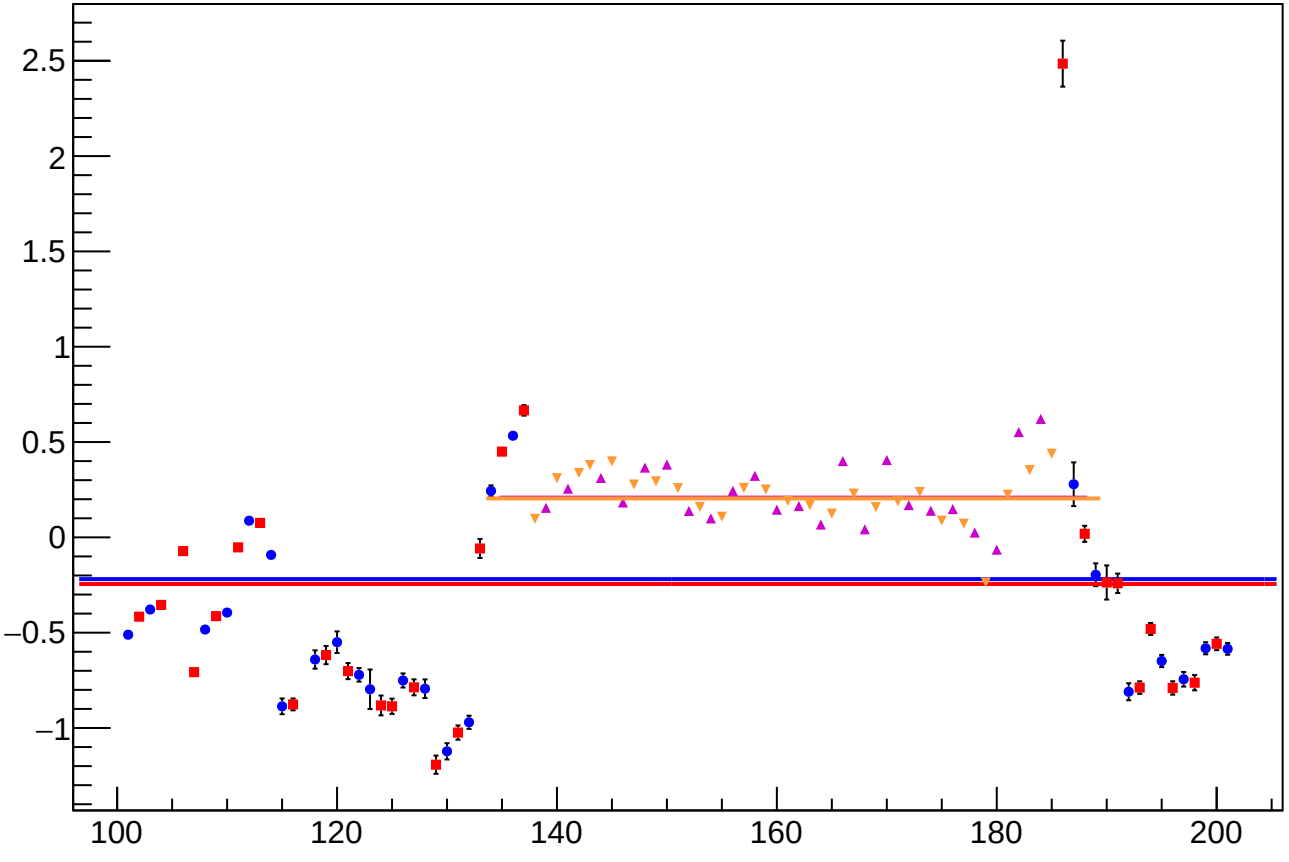
Right: 41.177+/-0.058 χ^2/NDF: 37228.9/50

In: 38.566+/-0.043 χ^2/NDF:35958.6/46

Out: 38.062+/-0.041 χ^2/NDF:43482.8/51

All: 38.302+/-0.029 χ^2/NDF: 79515.0/98

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.219+/-0.005 χ^2/NDF: 8284.7/23

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.245+/-0.004 χ^2/NDF: 8879.1/26

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

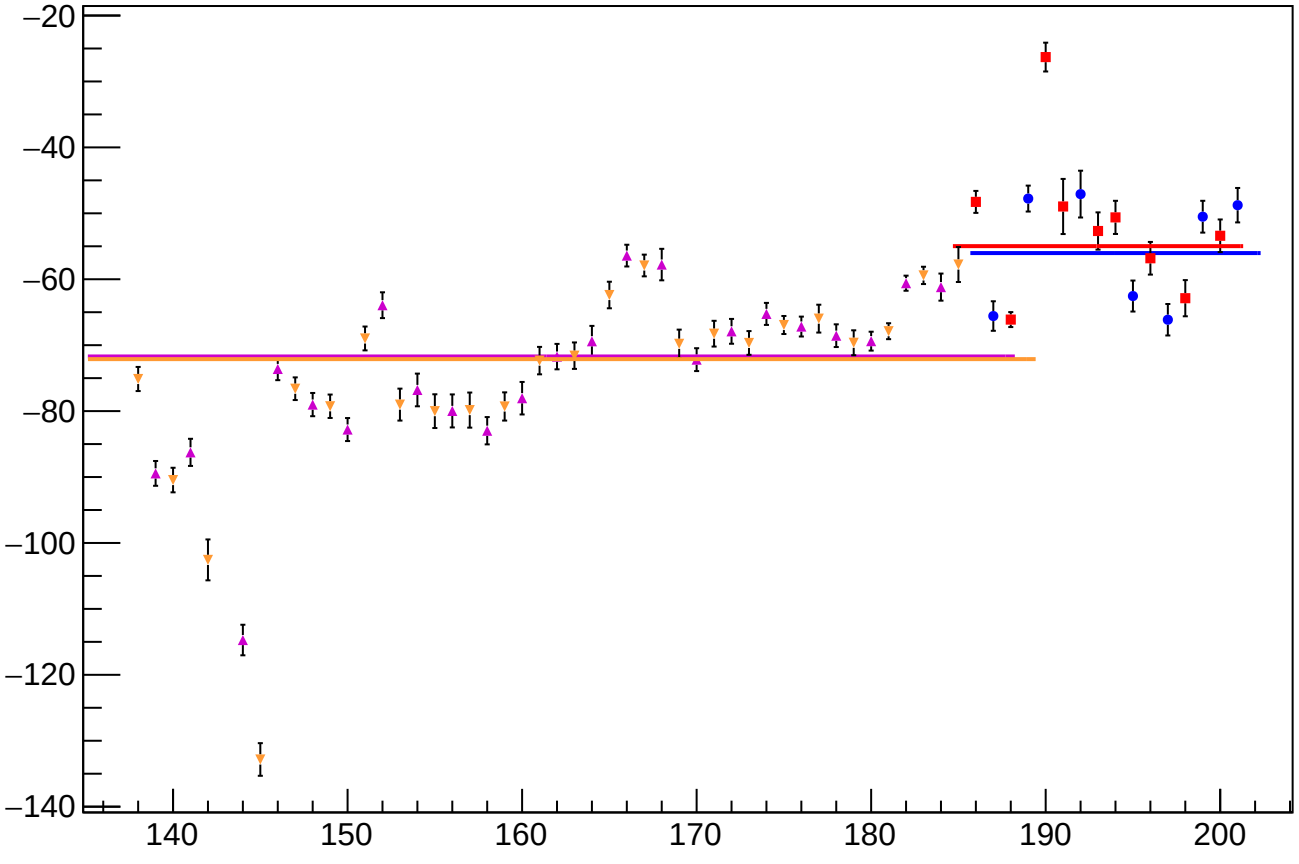
Right: -0.233+/-0.003 χ^2/NDF: 17181.0/50

In: 0.126+/-0.002 χ^2/NDF:20372.0/46

Out: 0.106+/-0.002 χ^2/NDF:21992.5/51

All: 0.116+/-0.001 χ^2/NDF: 42420.0/98

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -56.029+/-0.908 χ^2/NDF: 80.8/6

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -54.978+/-0.683 χ^2/NDF: 299.7/8

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

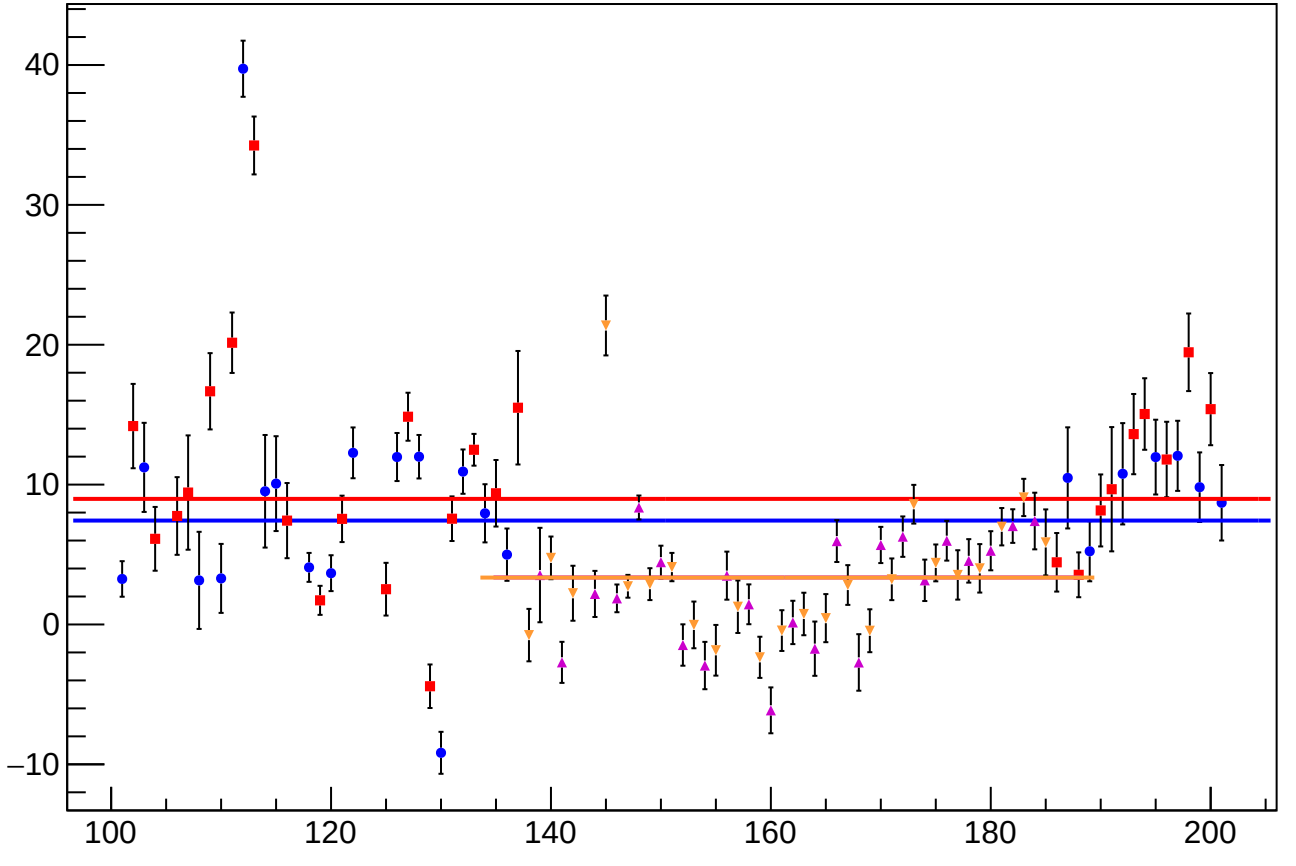
Right: -55.358+/-0.546 χ^2/NDF: 381.3/15

In: -69.373+/-0.351 χ^2/NDF:1219.1/29

Out: -68.016+/-0.334 χ^2/NDF:1904.3/32

All: -68.661+/-0.242 χ^2/NDF: 3131.3/62

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.429+/-0.399 χ^2/NDF: 457.6/22

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.979+/-0.394 χ^2/NDF: 395.1/25

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

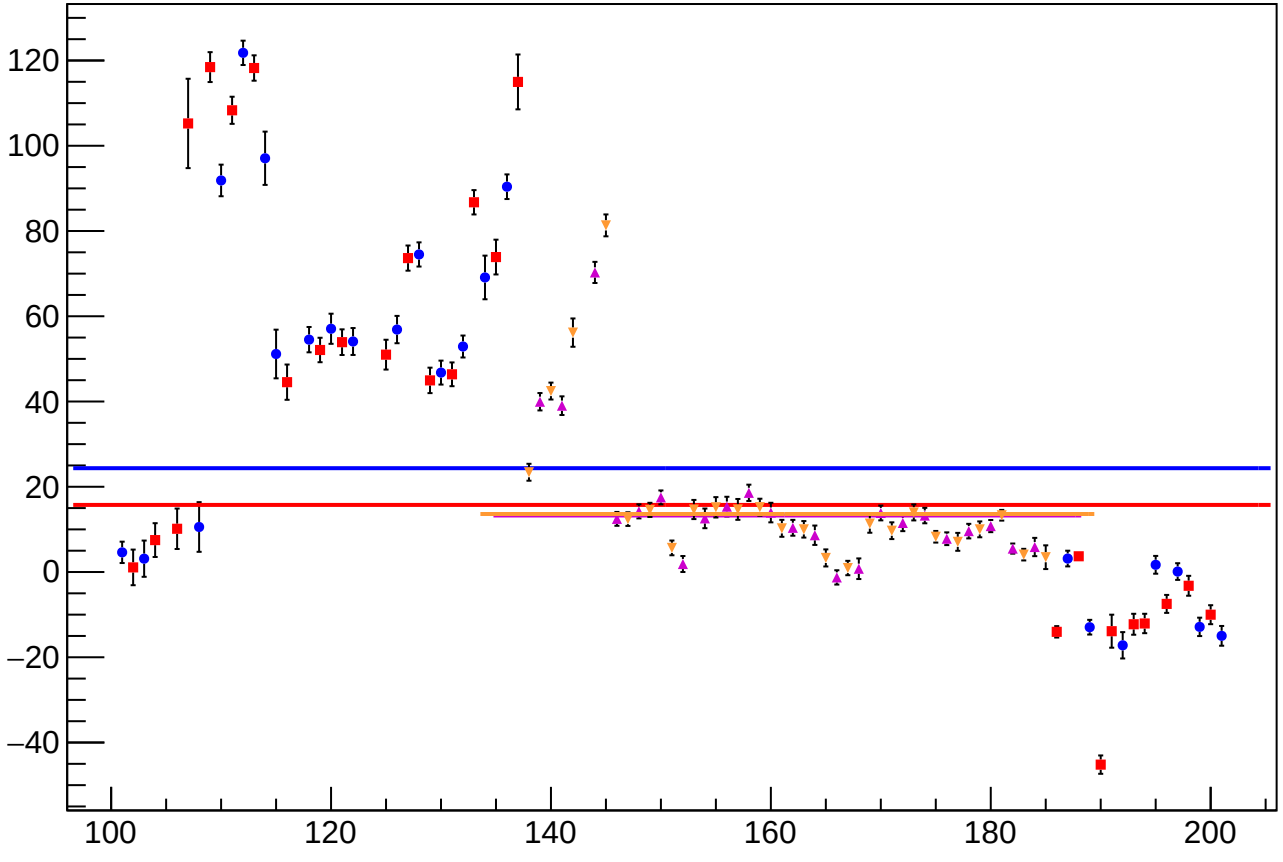
Right: 8.214+/-0.280 χ^2/NDF: 860.3/48

In: 4.815+/-0.238 χ^2/NDF:689.0/45

Out: 5.373+/-0.236 χ^2/NDF:693.8/49

All: 5.097+/-0.168 χ^2/NDF: 1385.6/95

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.358+/-0.570 χ^2/NDF: 4862.0/22

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 15.740+/-0.477 χ^2/NDF: 7241.3/25

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

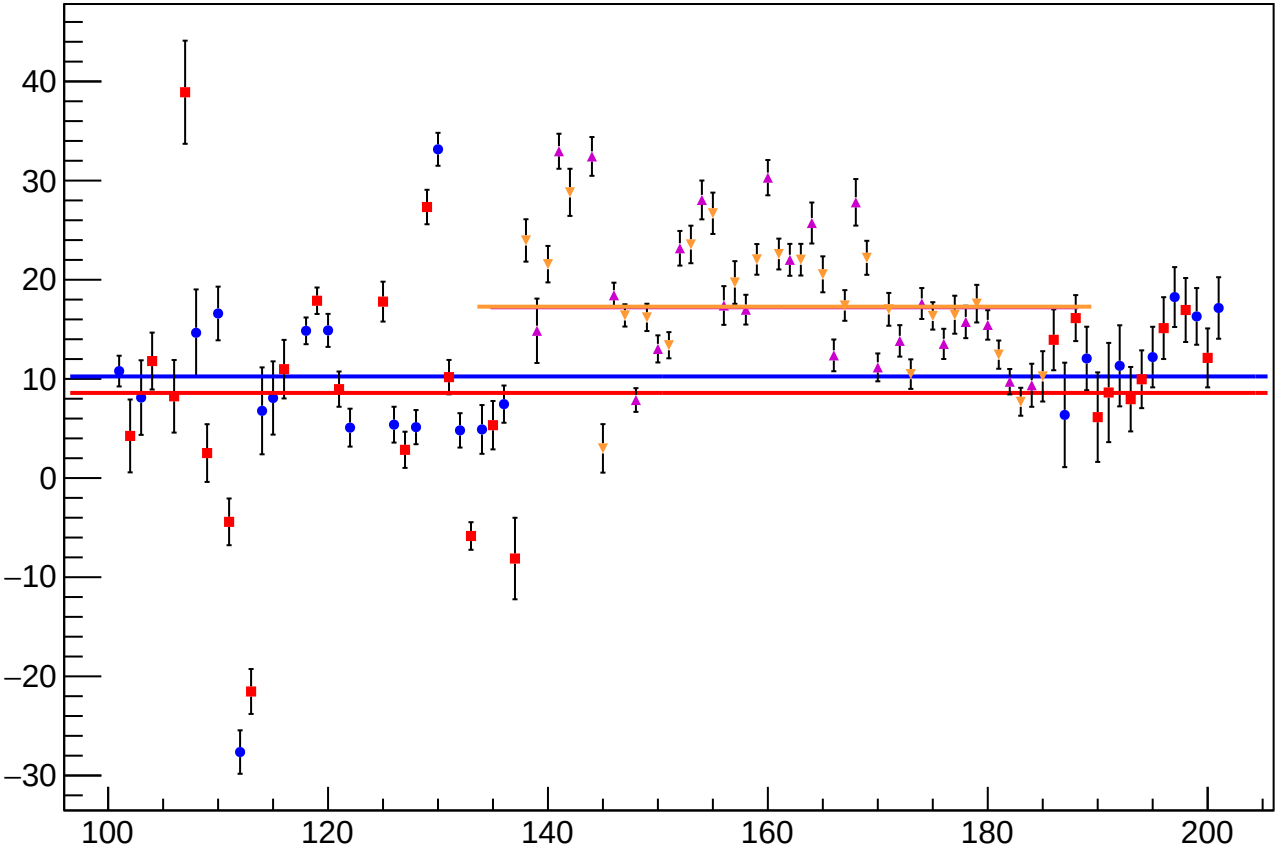
Right: 19.287+/-0.366 χ^2/NDF: 12237.6/48

In: 16.655+/-0.315 χ^2/NDF:6201.7/45

Out: 14.442+/-0.298 χ^2/NDF:8556.8/49

All: 15.486+/-0.217 χ^2/NDF: 14784.5/95

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.247+/-0.465 χ^2/NDF: 574.0/22

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.586+/-0.464 χ^2/NDF: 597.8/25

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

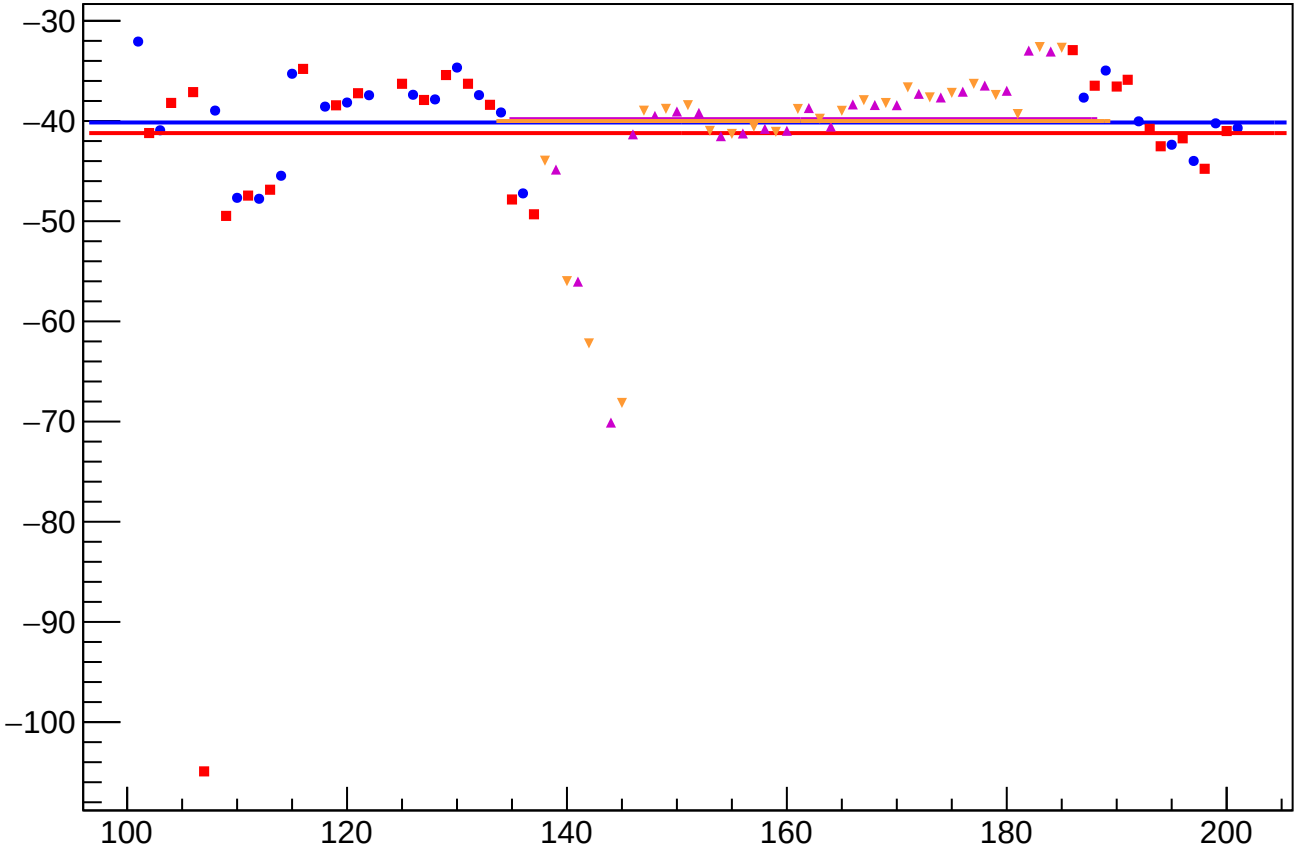
Right: 9.413+/-0.328 χ^2/NDF: 1178.2/48

In: 14.810+/-0.274 χ^2/NDF:1163.2/45

Out: 14.277+/-0.273 χ^2/NDF:1072.2/49

All: 14.542+/-0.193 χ^2/NDF: 2237.4/95

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.145+/-0.024 χ^2/NDF: 30387.4/22

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -41.206+/-0.023 χ^2/NDF: 101162.4/25

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

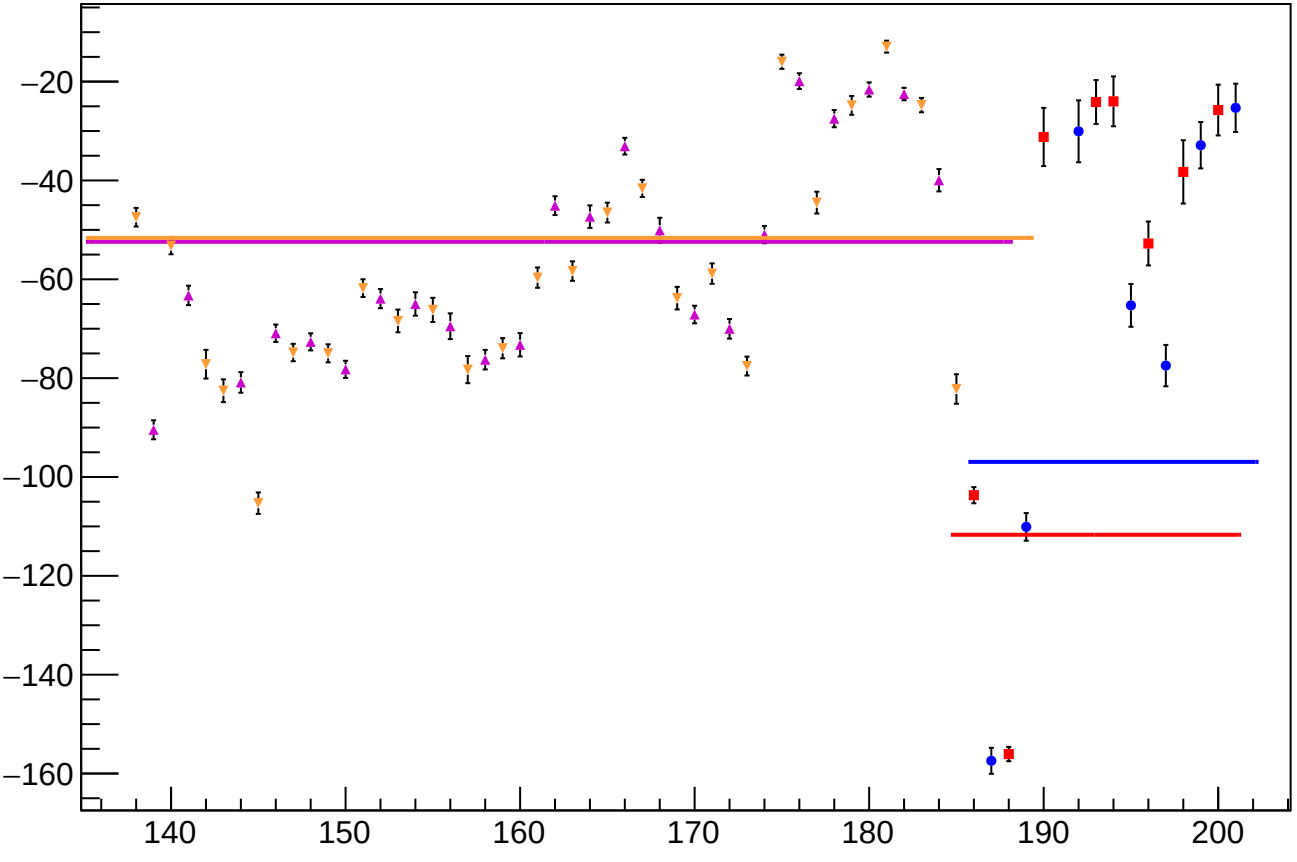
Right: -40.698+/-0.017 χ^2/NDF: 132534.9/48

In: -39.909+/-0.013 χ^2/NDF:176309.8/45

Out: -40.377+/-0.013 χ^2/NDF:275136.9/49

All: -40.145+/-0.009 χ^2/NDF: 452085.1/95

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -96.941+/-1.420 χ^2/NDF: 1141.2/6

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -111.689+/-0.960 χ^2/NDF: 2429.8/7

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

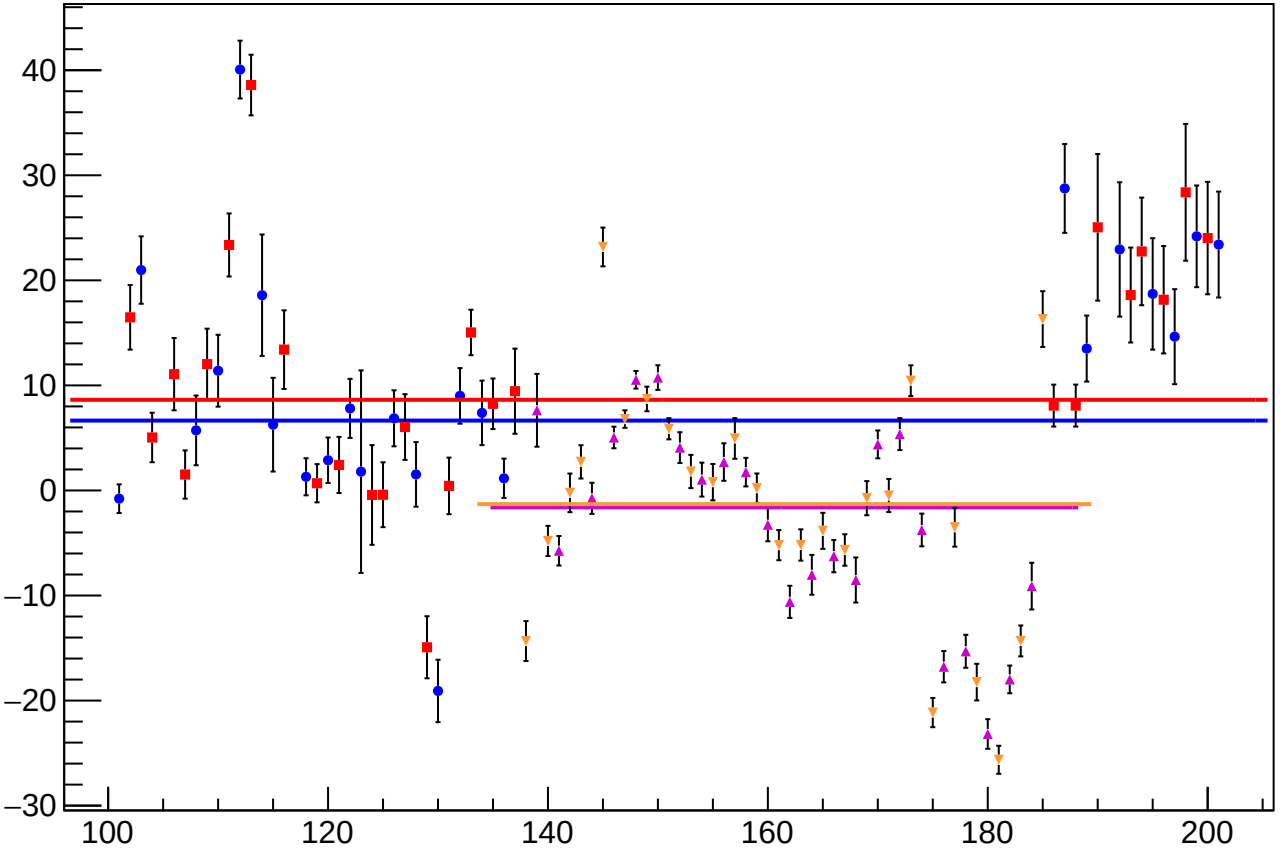
Right: -107.065+/-0.795 χ^2/NDF: 3645.0/14

In: -55.491+/-0.374 χ^2/NDF:5435.4/29

Out: -59.892+/-0.356 χ^2/NDF:9940.9/32

All: -57.797+/-0.258 χ^2/NDF: 15449.0/62

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.651+/-0.583 χ^2/NDF: 374.4/23

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 8.631+/-0.573 χ^2/NDF: 311.7/25

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

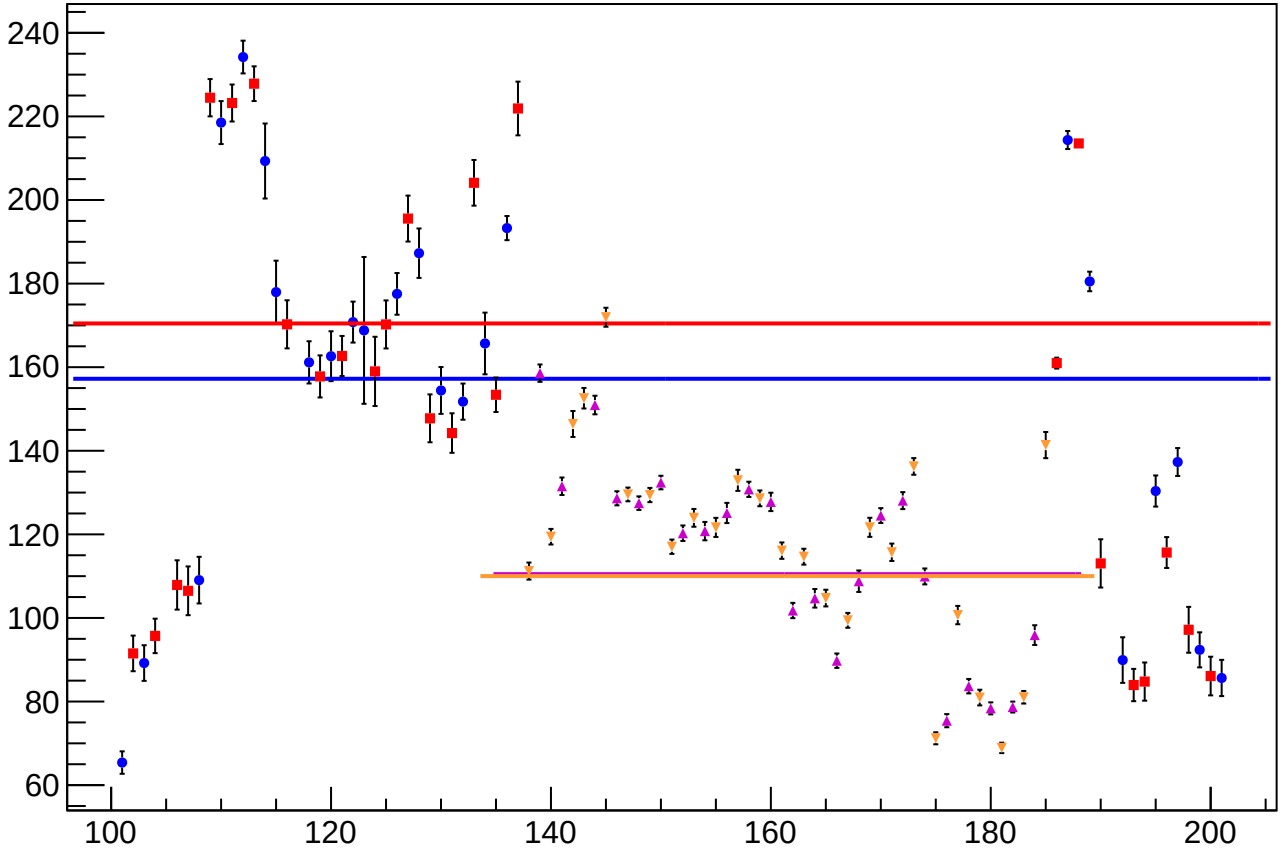
Right: 7.660+/-0.409 χ^2/NDF: 692.0/49

In: 0.116+/-0.266 χ^2/NDF:1630.5/46

Out: 0.756+/-0.260 χ^2/NDF:1866.0/50

All: 0.443+/-0.186 χ^2/NDF: 3499.5/97

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 157.229+/-0.826 χ^2/NDF: 3828.3/23

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 170.464+/-0.653 χ^2/NDF: 4694.6/25

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

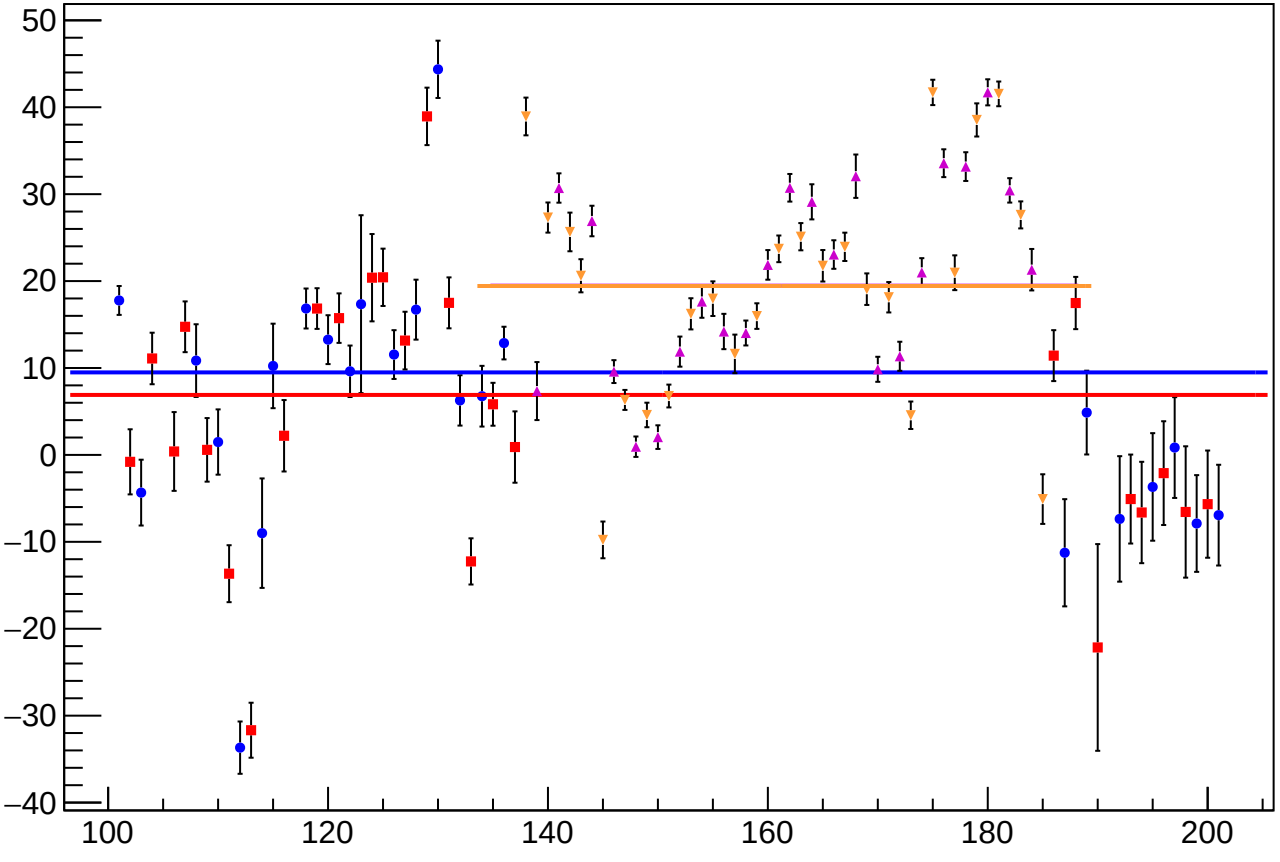
Right: 165.370+/-0.512 χ^2/NDF: 8680.8/49

In: 118.813+/-0.349 χ^2/NDF:10284.8/46

Out: 125.455+/-0.330 χ^2/NDF:15603.6/50

All: 122.315+/-0.240 χ^2/NDF: 26079.6/97

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.494+/-0.679 χ^2/NDF: 434.1/23

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 6.901+/-0.681 χ^2/NDF: 465.7/25

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

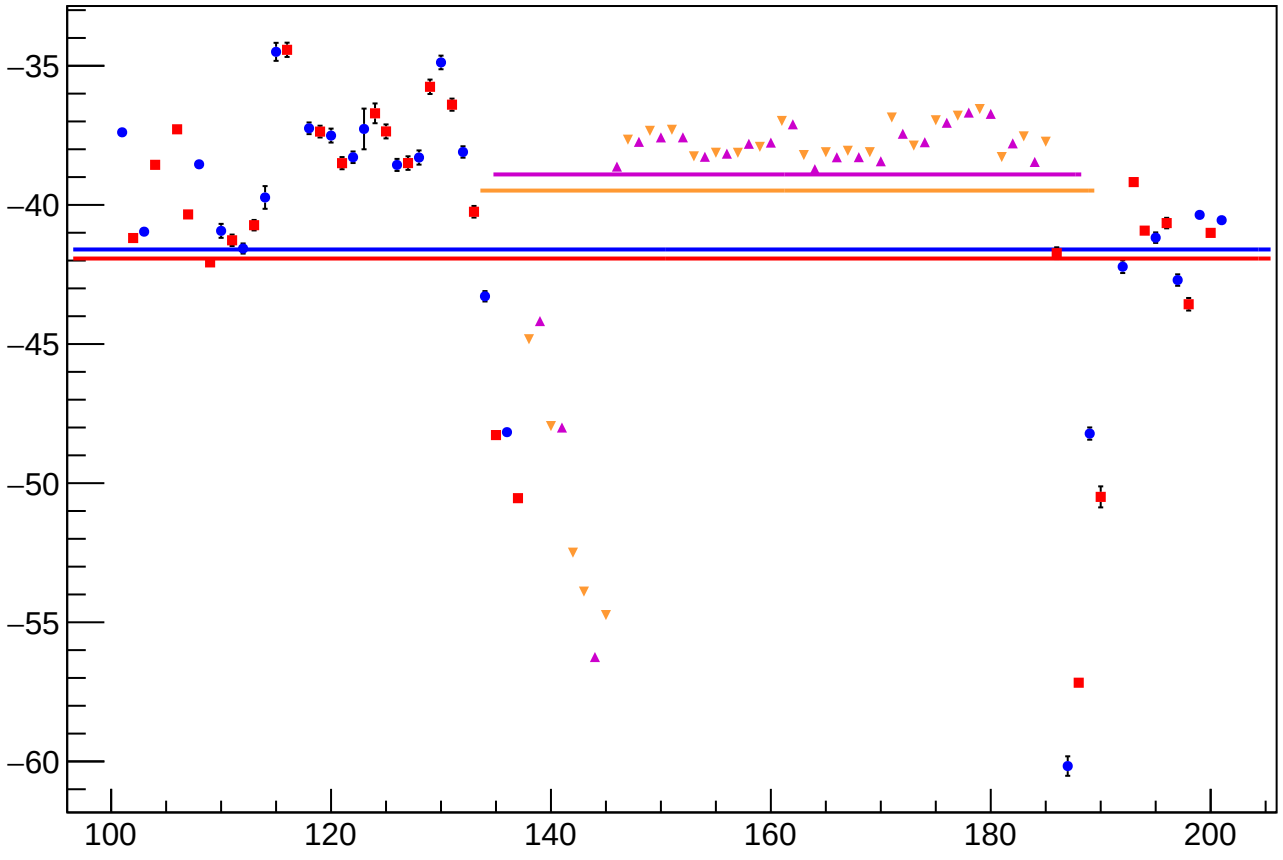
Right: 8.203+/-0.481 χ^2/NDF: 907.1/49

In: 17.455+/-0.305 χ^2/NDF:1794.8/46

Out: 16.989+/-0.301 χ^2/NDF:2190.2/50

All: 17.219+/-0.214 χ^2/NDF: 3986.2/97

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.601+/-0.034 χ^2/NDF: 16505.2/23

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.927+/-0.034 χ^2/NDF: 22425.2/25

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

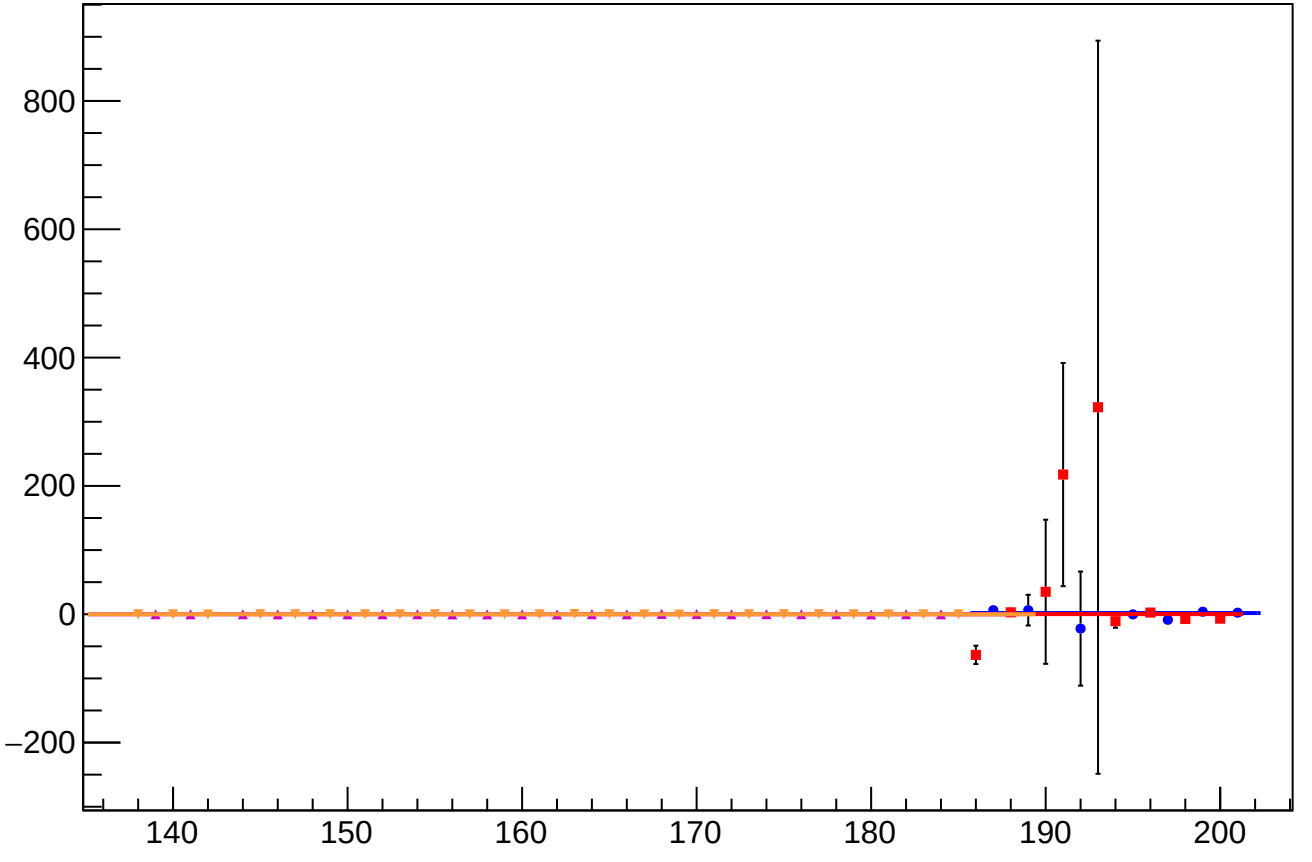
Right: -41.767+/-0.024 χ^2/NDF: 38976.5/49

In: -39.377+/-0.014 χ^2/NDF:75891.3/46

Out: -39.926+/-0.014 χ^2/NDF:115637.8/50

All: -39.653+/-0.010 χ^2/NDF: 192263.1/97

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.847+/-1.973 χ^2/NDF: 7.7/6

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 0.202+/-1.650 χ^2/NDF: 28.0/8

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

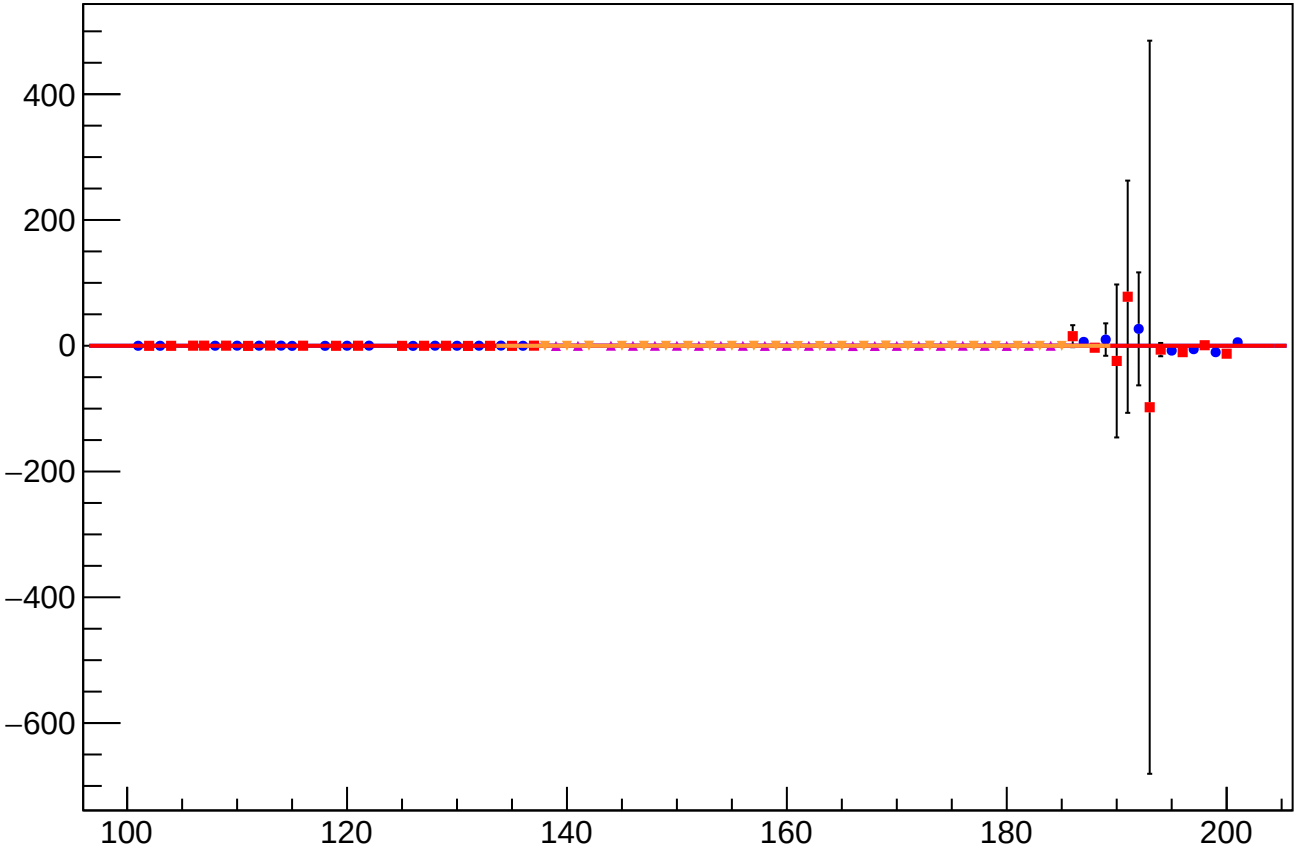
Right: 0.879+/-1.266 χ^2/NDF: 36.2/15

In: -0.025+/-0.022 χ^2/NDF:40.9/29

Out: -0.089+/-0.022 χ^2/NDF:68.1/32

All: -0.057+/-0.016 χ^2/NDF: 113.1/62

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.028 χ^2/NDF: 21.0/22

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 30.5/25

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

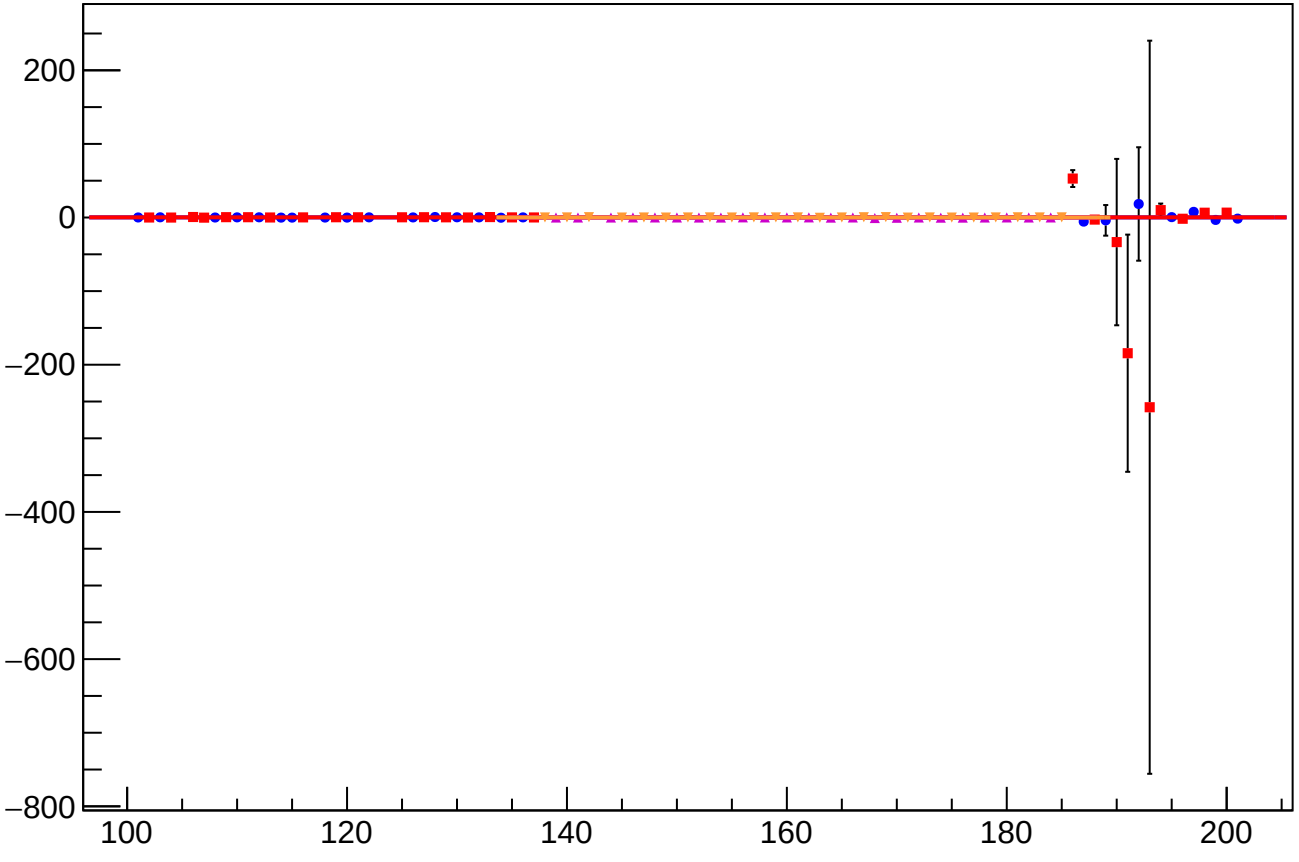
Right: -0.024+/-0.020 χ^2/NDF: 53.3/48

In: -0.039+/-0.015 χ^2/NDF:56.1/45

Out: -0.073+/-0.015 χ^2/NDF:57.1/49

All: -0.056+/-0.011 χ^2/NDF: 115.7/95

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.169+/-0.052 χ^2/NDF: 23.8/22

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.239+/-0.054 χ^2/NDF: 47.8/25

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

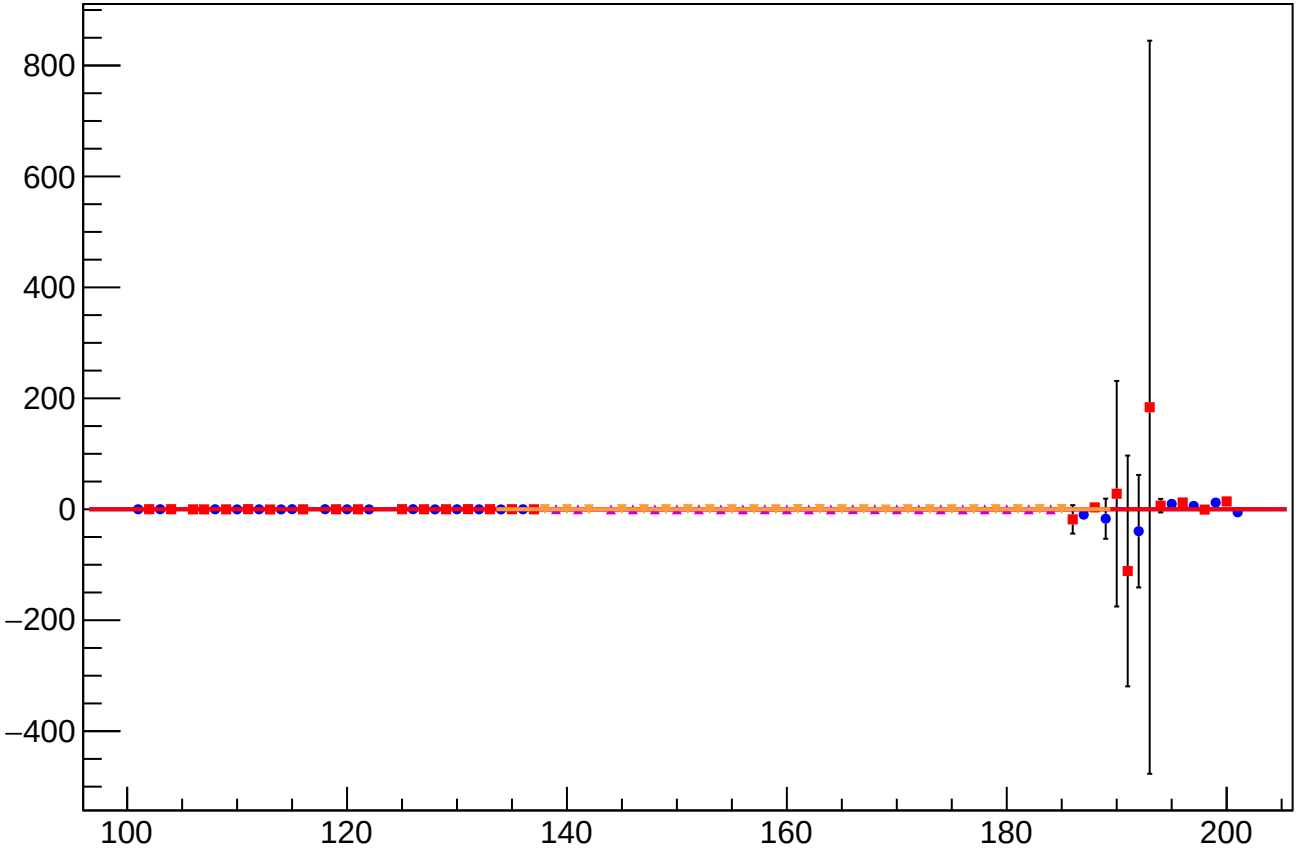
Right: 0.203+/-0.038 χ^2/NDF: 72.4/48

In: 0.043+/-0.020 χ^2/NDF:65.2/45

Out: 0.104+/-0.020 χ^2/NDF:93.8/49

All: 0.073+/-0.014 χ^2/NDF: 163.5/95

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 22.6/22

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 28.9/25

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

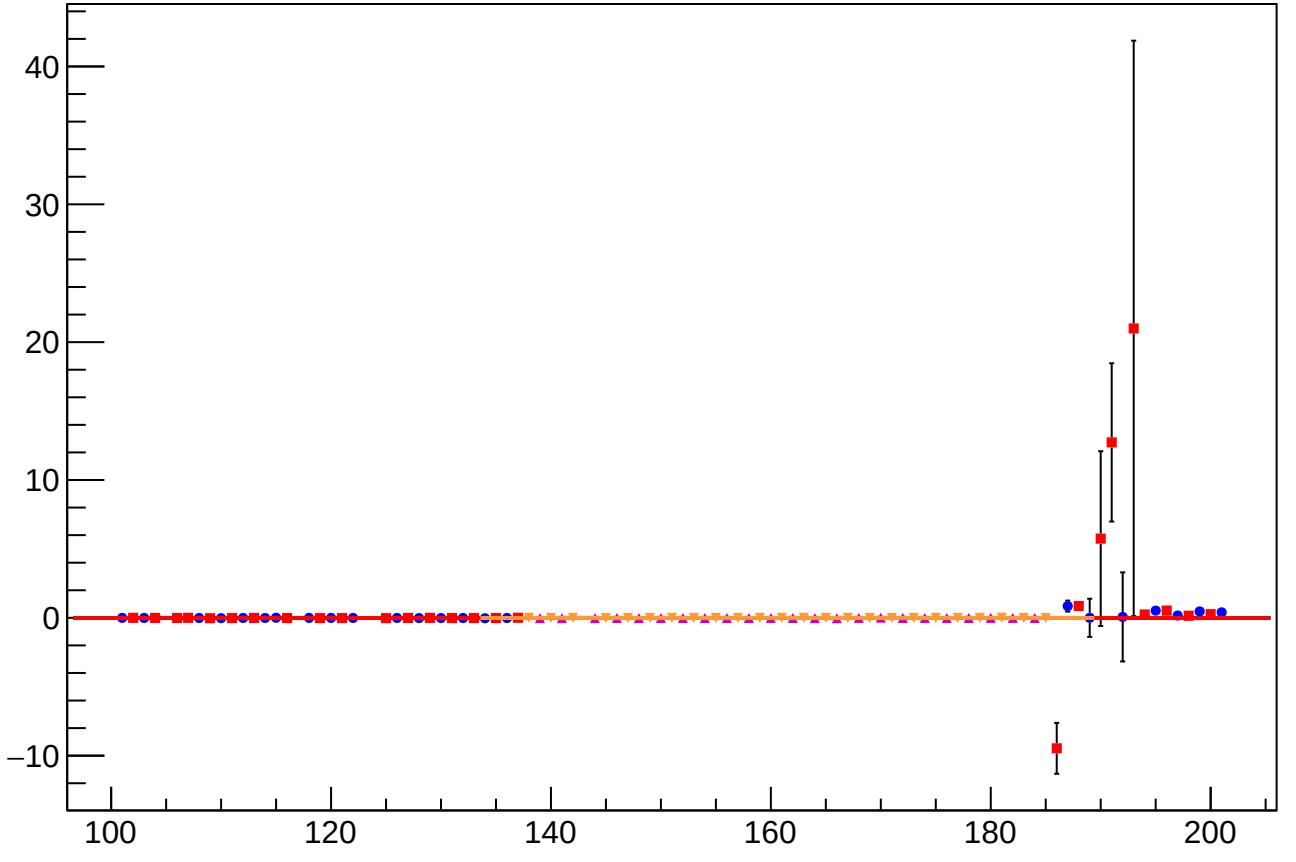
Right: 0.023+/-0.023 χ^2/NDF: 53.8/48

In: 0.050+/-0.017 χ^2/NDF:59.1/45

Out: 0.094+/-0.017 χ^2/NDF:59.7/49

All: 0.072+/-0.012 χ^2/NDF: 122.1/95

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 34.9/22

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 79.8/25

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

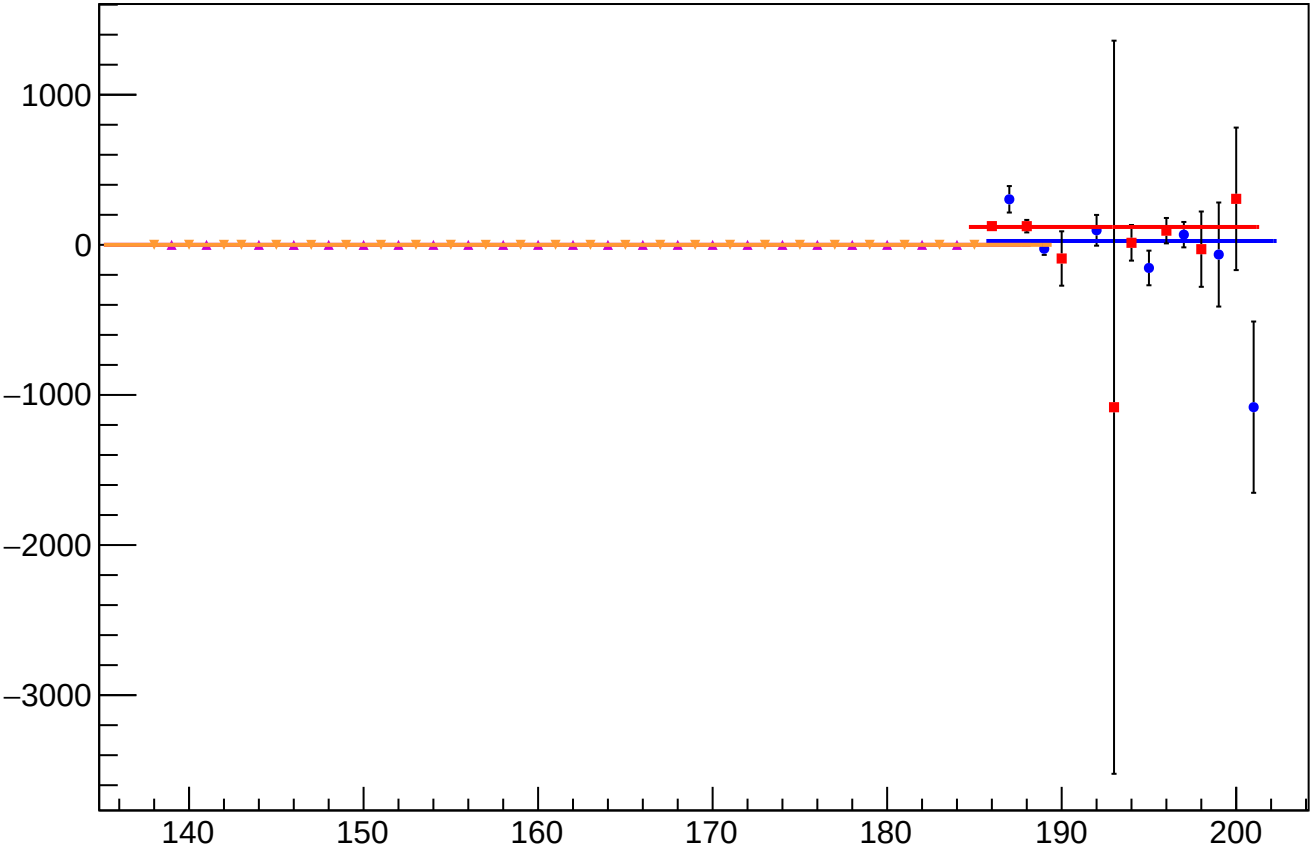
Right: -0.011+/-0.001 χ^2/NDF: 114.9/48

In: -0.009+/-0.001 χ^2/NDF:79.1/45

Out: -0.009+/-0.001 χ^2/NDF:112.4/49

All: -0.009+/-0.001 χ^2/NDF: 192.0/95

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.609+/-30.924 χ^2/NDF: 18.5/6

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 119.046+/-16.526 χ^2/NDF: 3.1/7

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

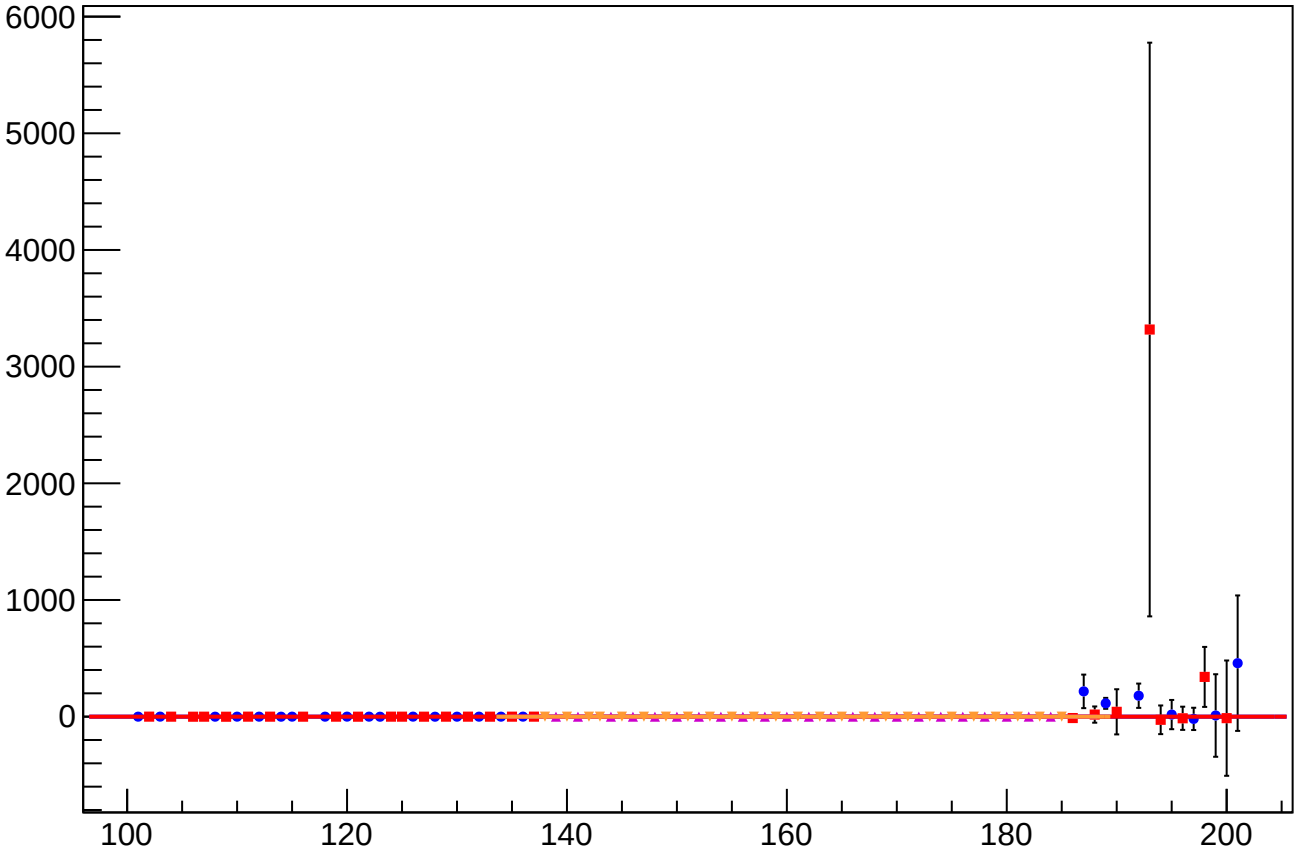
Right: 98.290+/-14.575 χ^2/NDF: 28.7/14

In: 0.004+/-0.028 χ^2/NDF:47.4/29

Out: 0.014+/-0.027 χ^2/NDF:84.1/32

All: 0.009+/-0.019 χ^2/NDF: 131.5/62

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 35.2/23

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 21.4/25

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

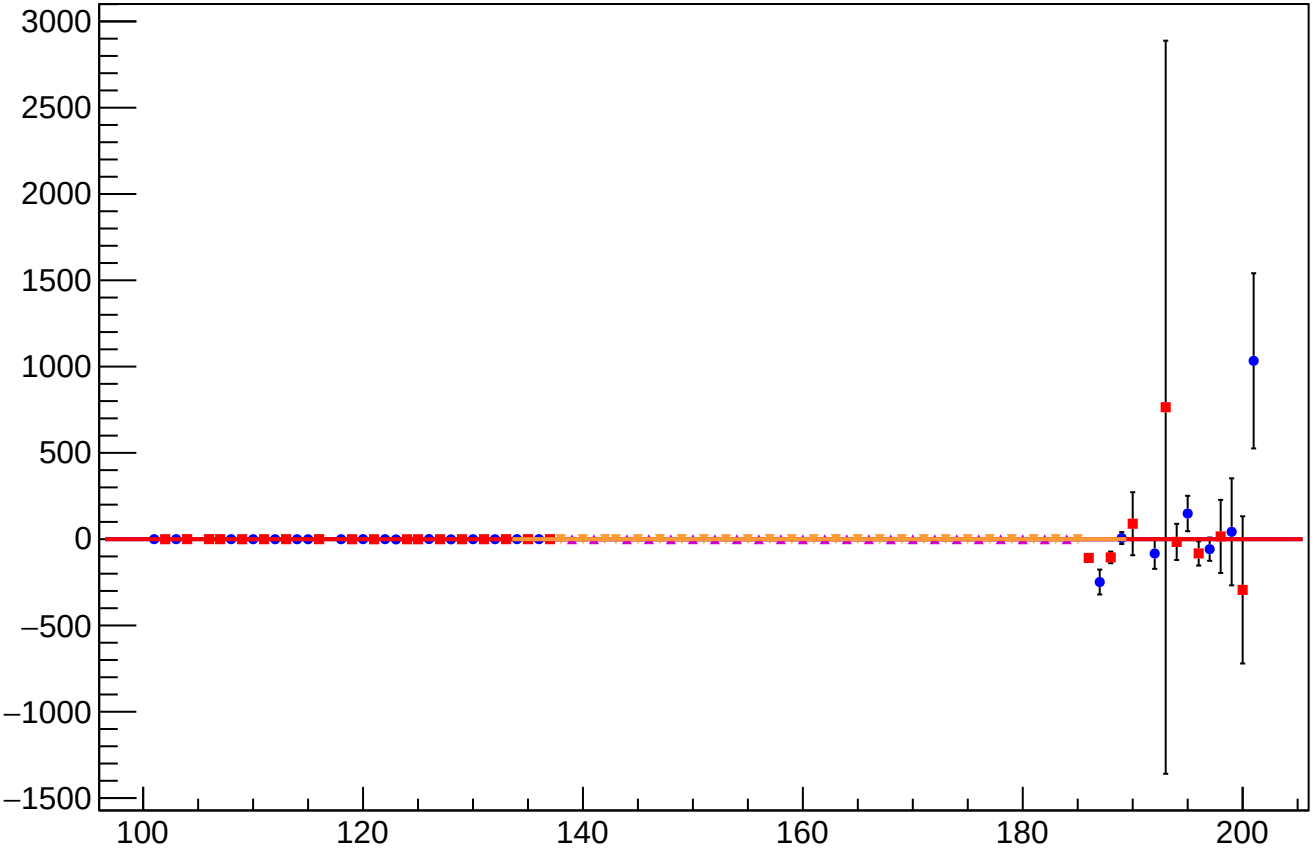
Right: -0.072+/-0.027 χ^2/NDF: 60.4/49

In: -0.059+/-0.019 χ^2/NDF:85.2/46

Out: -0.074+/-0.019 χ^2/NDF:49.3/50

All: -0.066+/-0.013 χ^2/NDF: 134.8/97

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.067 χ^2/NDF: 43.5/23

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 70.1/25

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

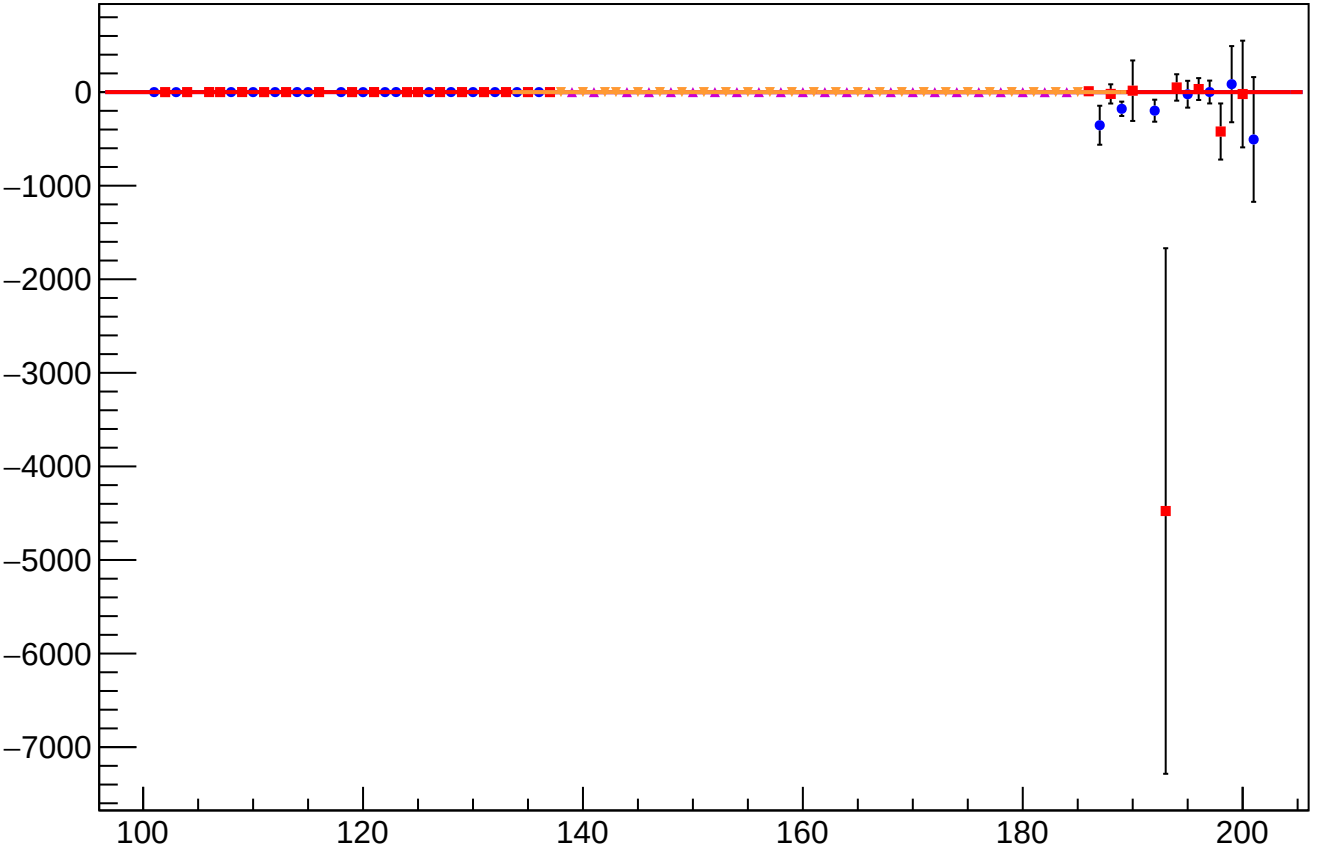
Right: -0.151+/-0.049 χ^2/NDF: 113.9/49

In: -0.048+/-0.025 χ^2/NDF:73.0/46

Out: -0.035+/-0.025 χ^2/NDF:101.6/50

All: -0.042+/-0.018 χ^2/NDF: 174.7/97

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 34.3/23

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 20.6/25

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

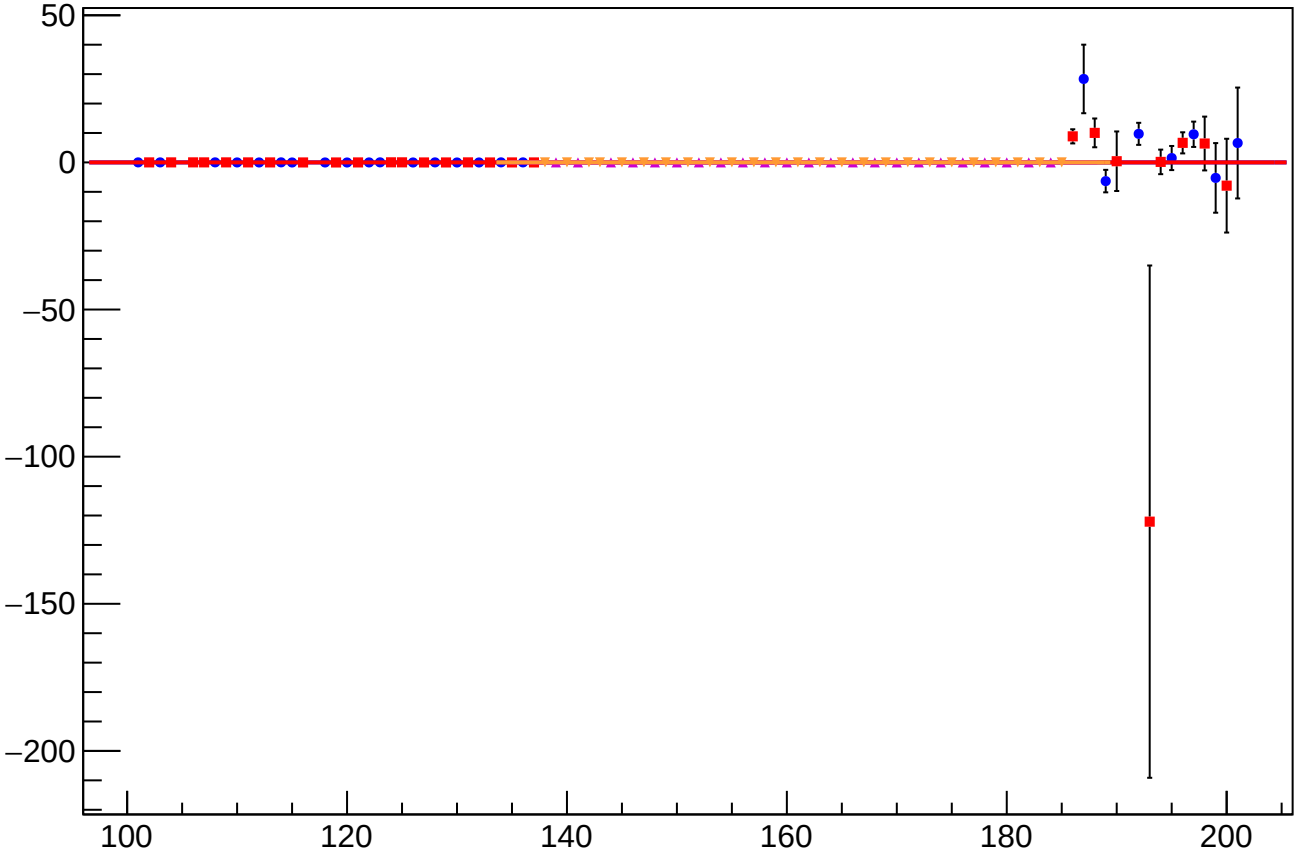
Right: 0.082+/-0.031 χ^2/NDF: 59.4/49

In: 0.057+/-0.021 χ^2/NDF:86.7/46

Out: 0.081+/-0.021 χ^2/NDF:48.7/50

All: 0.069+/-0.015 χ^2/NDF: 136.1/97

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 53.2/23

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 44.6/25

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

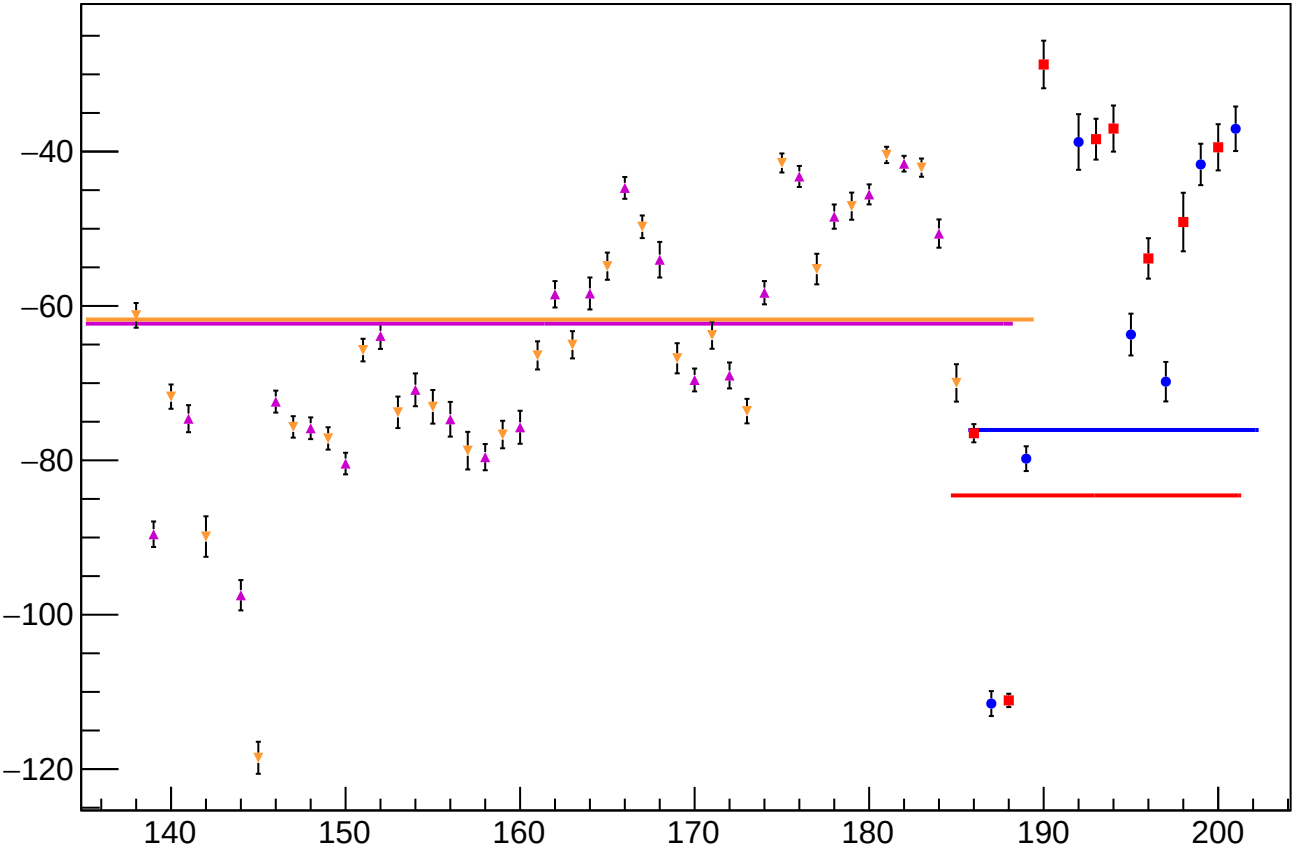
Right: 0.002+/-0.002 χ^2/NDF: 97.9/49

In: 0.008+/-0.001 χ^2/NDF:79.1/46

Out: 0.007+/-0.001 χ^2/NDF:75.7/50

All: 0.007+/-0.001 χ^2/NDF: 154.9/97

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -76.069+/-0.846 χ^2/NDF: 967.2/6

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -84.549+/-0.603 χ^2/NDF: 2328.0/7

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

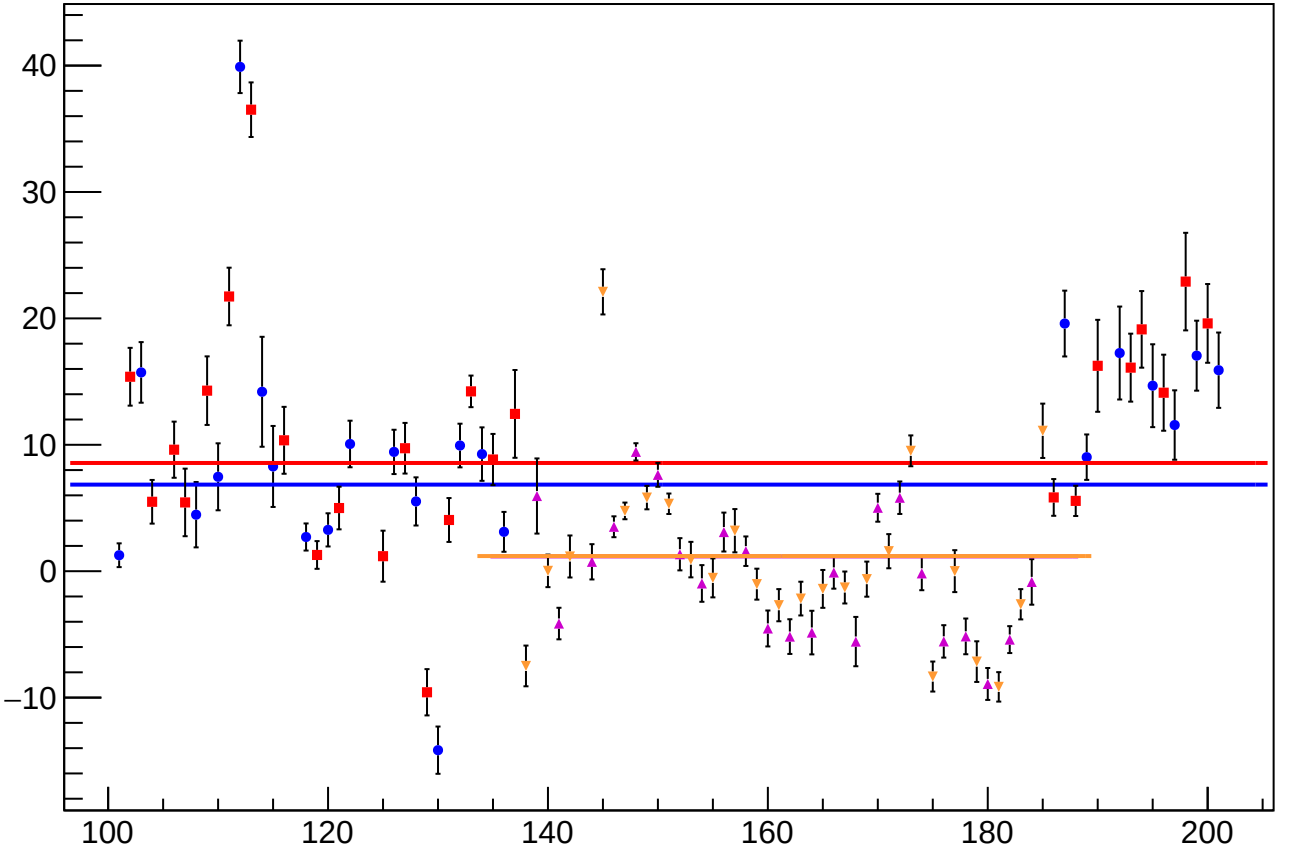
Right: -81.691+/-0.491 χ^2/NDF: 3361.8/14

In: -64.120+/-0.308 χ^2/NDF:3462.0/29

Out: -67.097+/-0.292 χ^2/NDF:5929.8/31

All: -65.689+/-0.212 χ^2/NDF: 9441.0/61

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.850+/-0.390 χ^2/NDF: 536.5/22

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.562+/-0.389 χ^2/NDF: 472.5/24

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

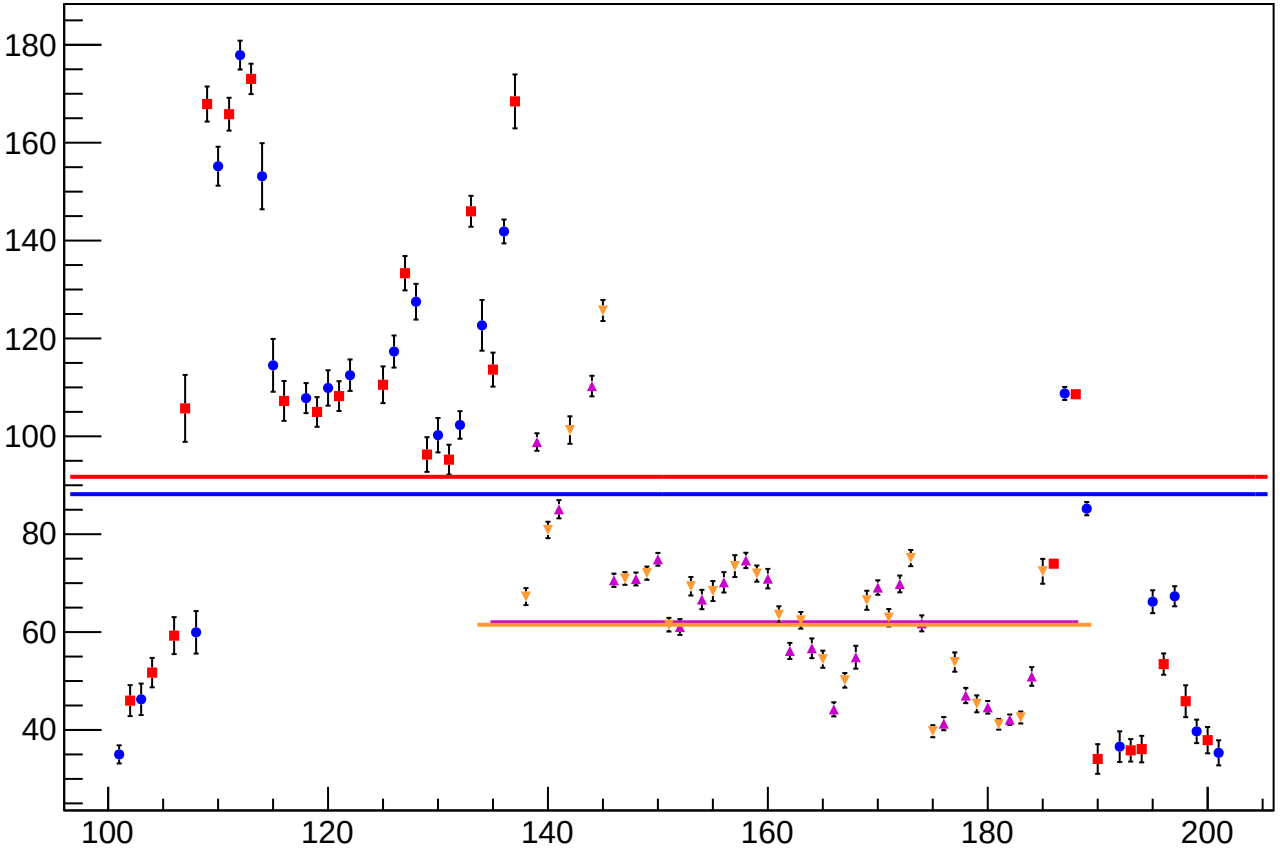
Right: 7.708+/-0.275 χ^2/NDF: 1018.7/47

In: 2.869+/-0.213 χ^2/NDF:1151.4/45

Out: 3.380+/-0.212 χ^2/NDF:1250.8/48

All: 3.126+/-0.150 χ^2/NDF: 2405.1/94

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 88.177+/-0.535 χ^2/NDF: 4798.2/22

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 91.729+/-0.427 χ^2/NDF: 6075.9/24

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

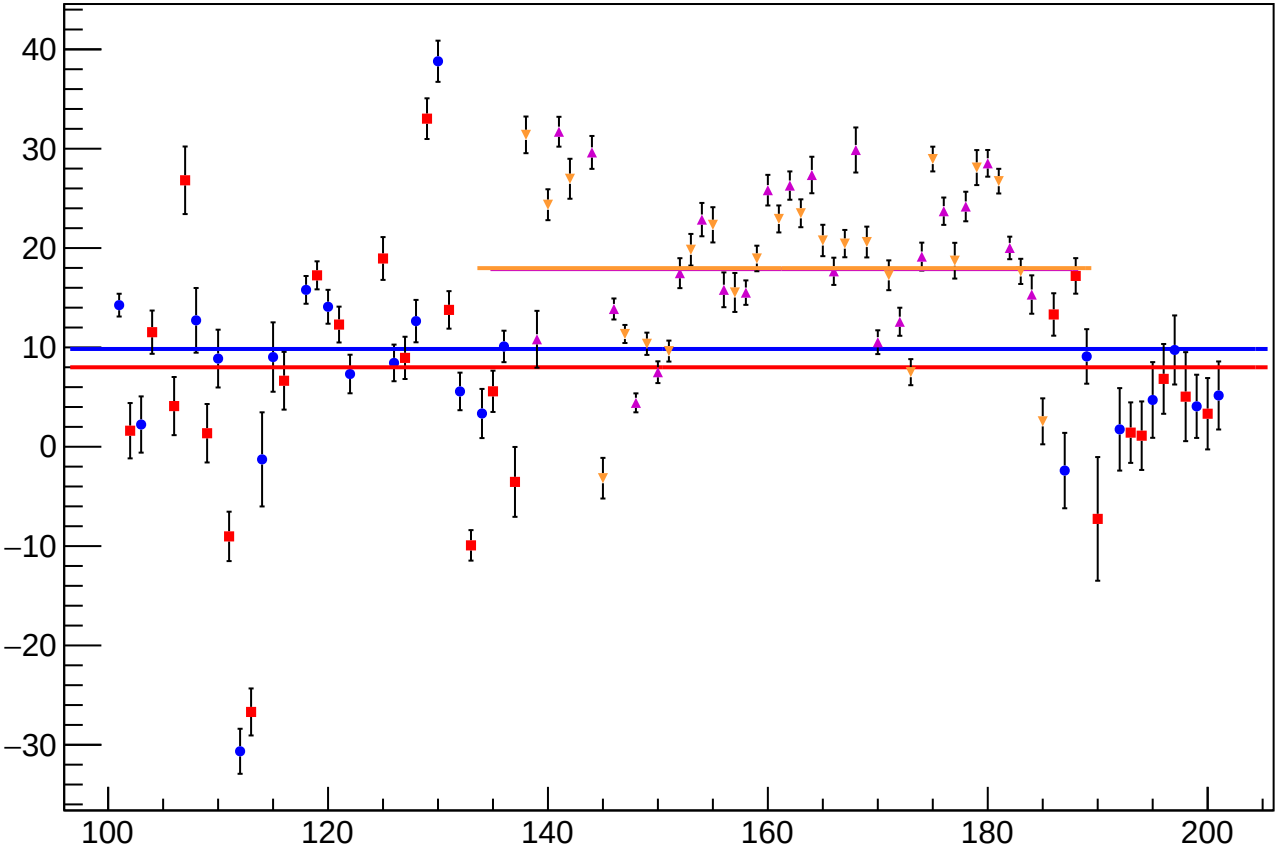
Right: 90.346+/-0.334 χ^2/NDF: 10901.1/47

In: 69.181+/-0.280 χ^2/NDF:9054.7/45

Out: 72.900+/-0.262 χ^2/NDF:11808.7/48

All: 71.163+/-0.191 χ^2/NDF: 20957.4/94

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.842+/-0.460 χ^2/NDF: 604.6/22

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.999+/-0.467 χ^2/NDF: 738.9/24

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

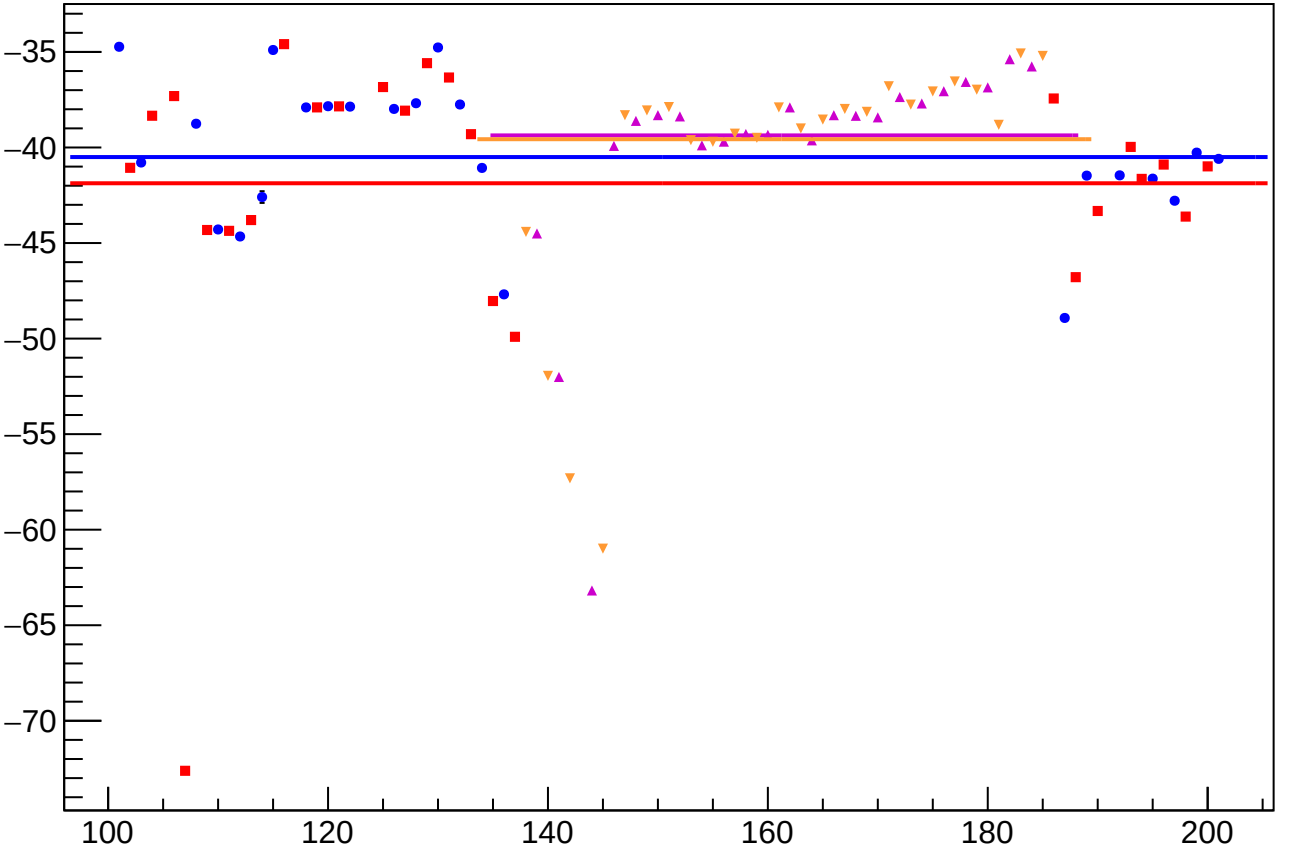
Right: 8.935+/-0.328 χ^2/NDF: 1351.4/47

In: 15.576+/-0.246 χ^2/NDF:1553.4/45

Out: 15.194+/-0.247 χ^2/NDF:1742.5/48

All: 15.385+/-0.174 χ^2/NDF: 3297.0/94

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.501+/-0.024 χ^2/NDF: 27465.3/22

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.872+/-0.023 χ^2/NDF: 64678.6/24

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

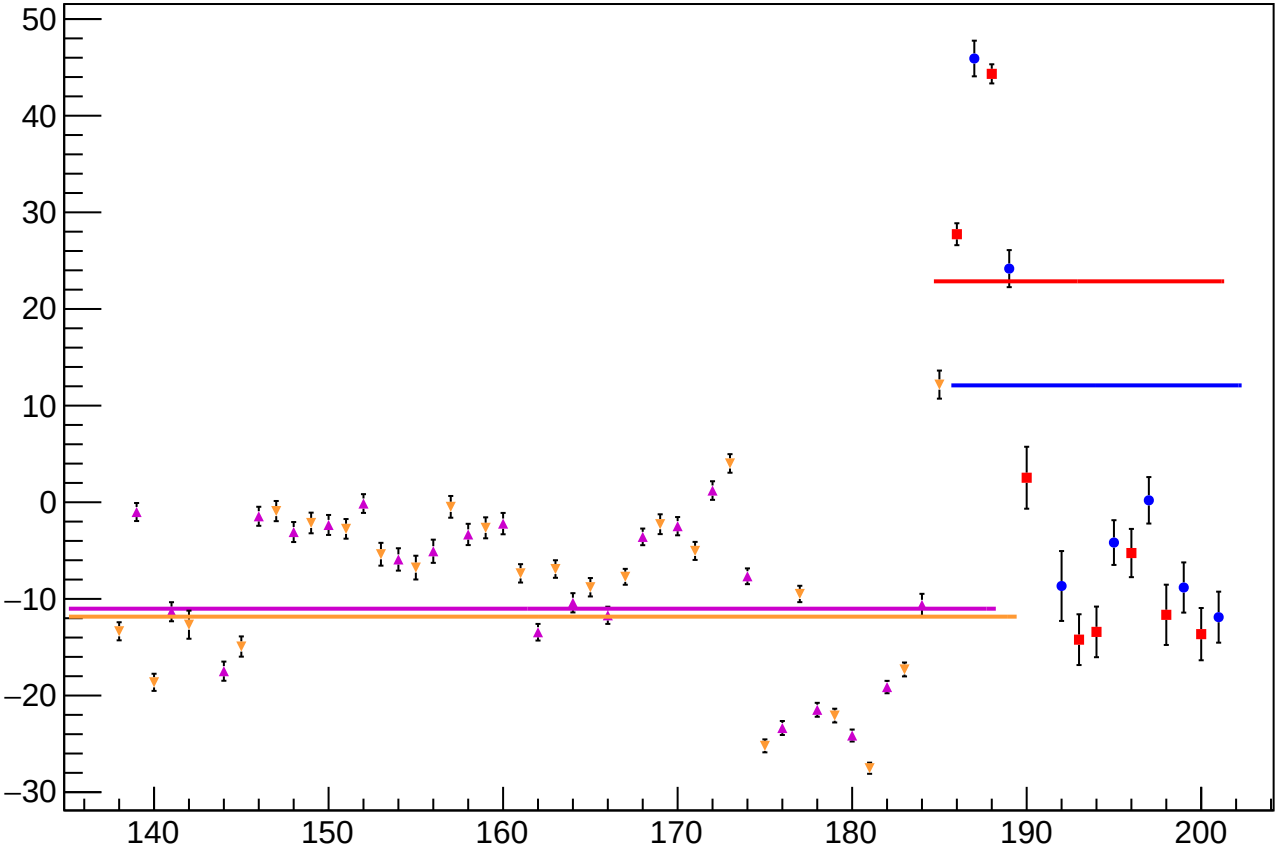
Right: -41.198+/-0.017 χ^2/NDF: 93841.5/47

In: -39.646+/-0.012 χ^2/NDF:147143.0/45

Out: -40.160+/-0.012 χ^2/NDF:213074.9/48

All: -39.901+/-0.008 χ^2/NDF: 361164.3/94

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.094+/-0.879 χ^2/NDF: 630.1/6

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 22.860+/-0.622 χ^2/NDF: 1351.5/7

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

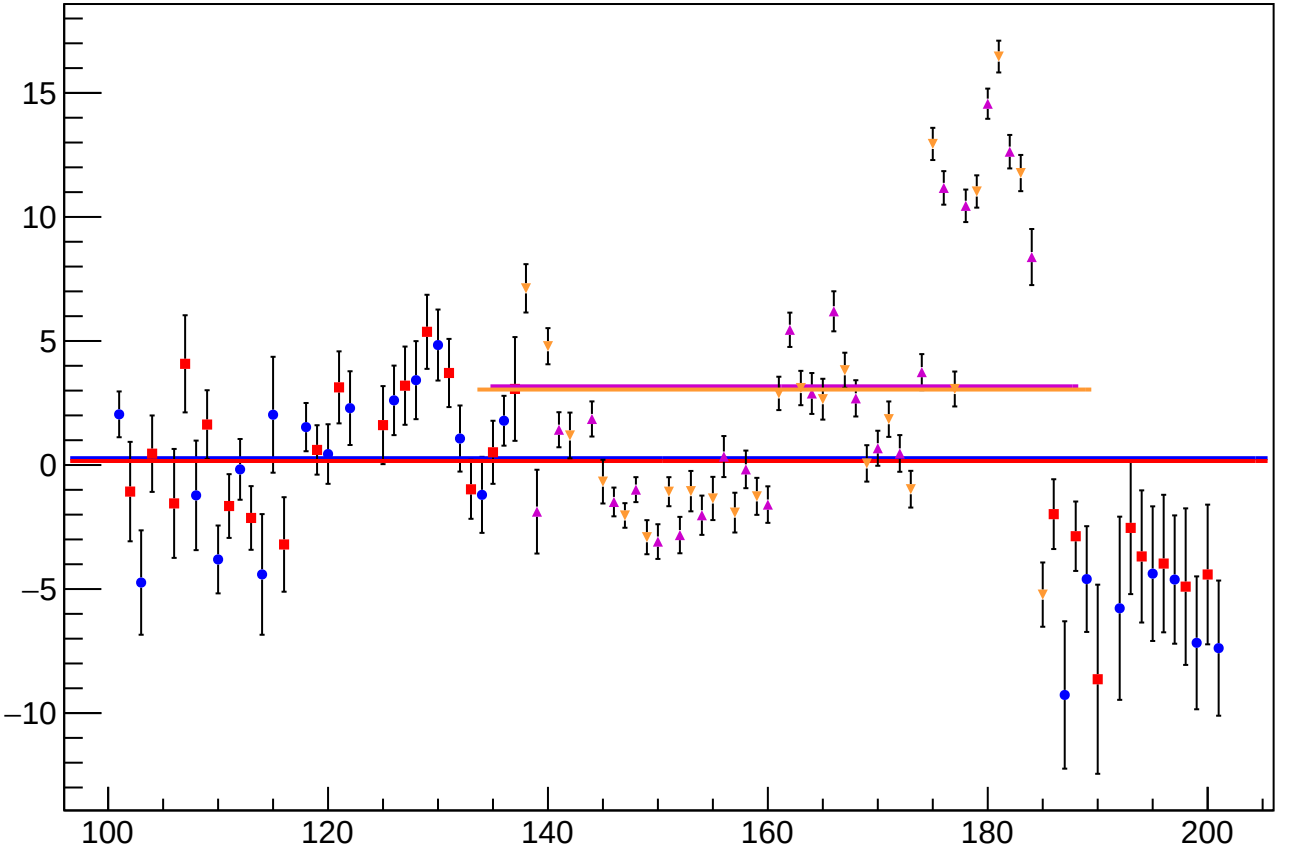
Right: 19.269+/-0.508 χ^2/NDF: 2081.5/14

In: -10.012+/-0.183 χ^2/NDF:3407.5/29

Out: -8.966+/-0.179 χ^2/NDF:6948.4/31

All: -9.477+/-0.128 χ^2/NDF: 10372.6/61

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.276+/-0.321 χ^2/NDF: 87.5/22

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.162+/-0.321 χ^2/NDF: 68.0/24

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

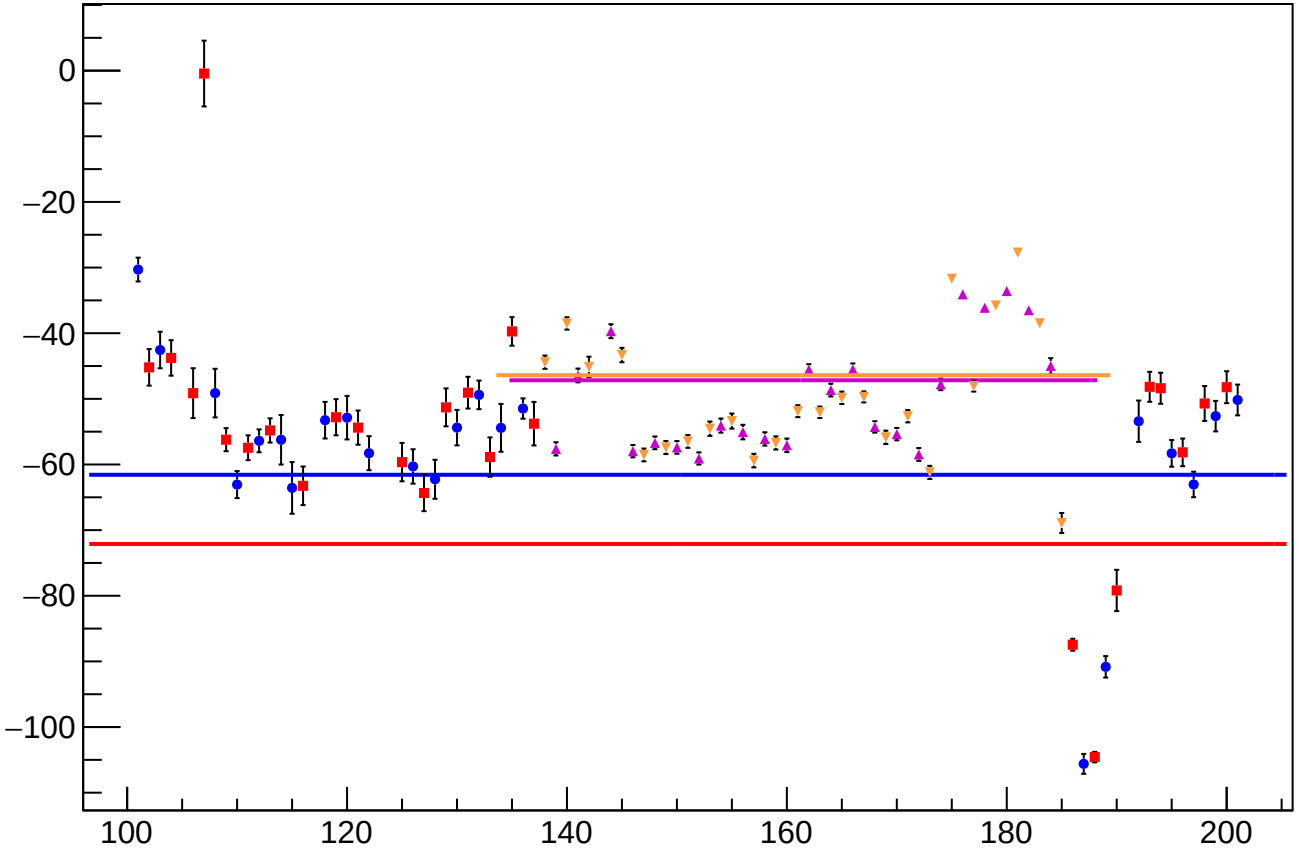
Right: 0.219+/-0.227 χ^2/NDF: 155.6/47

In: 2.655+/-0.136 χ^2/NDF:1452.3/45

Out: 2.539+/-0.134 χ^2/NDF:1587.0/48

All: 2.596+/-0.095 χ^2/NDF: 3039.7/94

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -61.568+/-0.474 χ^2/NDF: 1680.0/22

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -72.106+/-0.395 χ^2/NDF: 3580.8/24

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

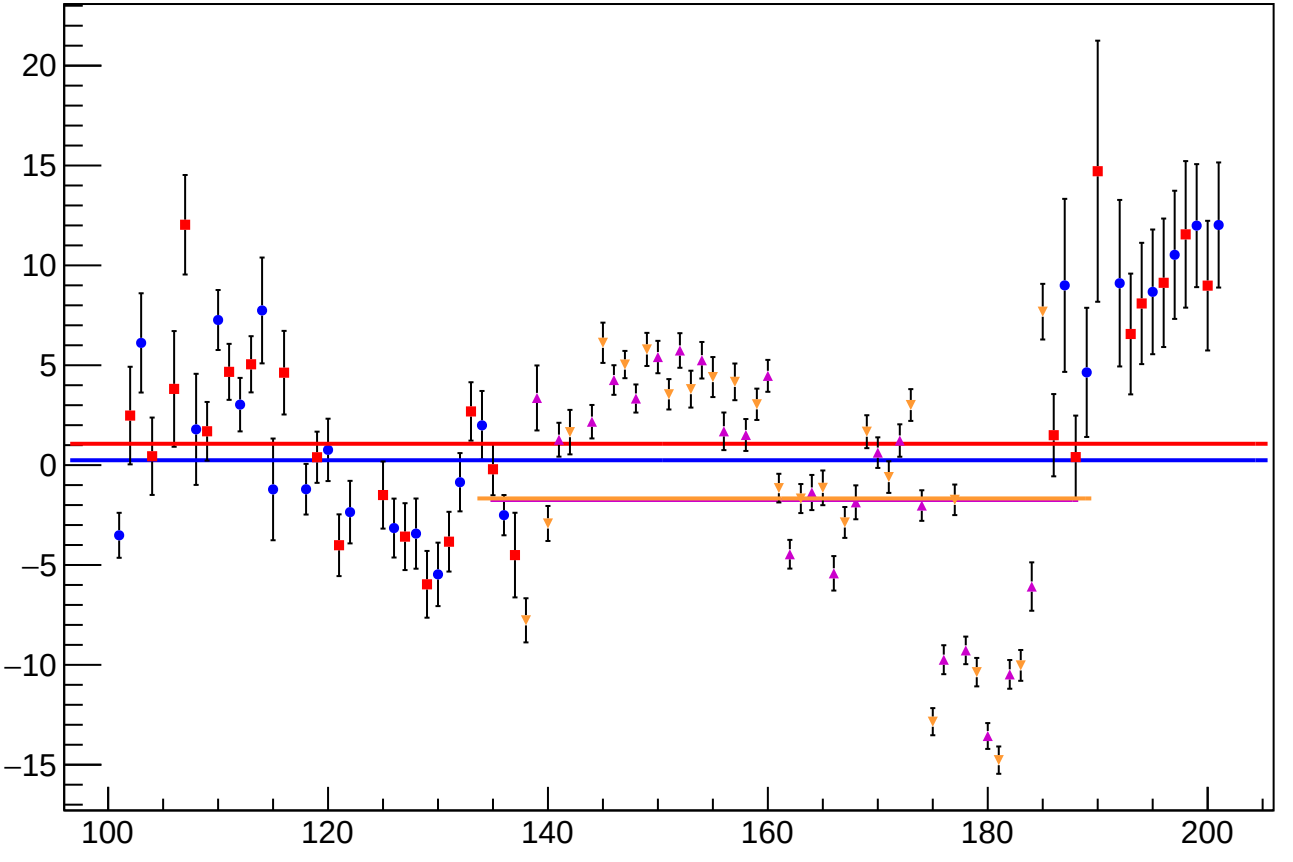
Right: -67.782+/-0.303 χ^2/NDF: 5552.6/47

In: -49.101+/-0.174 χ^2/NDF:5006.1/45

Out: -51.082+/-0.169 χ^2/NDF:10331.0/48

All: -50.120+/-0.121 χ^2/NDF: 15404.1/94

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.244+/-0.368 χ^2/NDF: 144.1/22

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 1.069+/-0.372 χ^2/NDF: 130.6/24

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

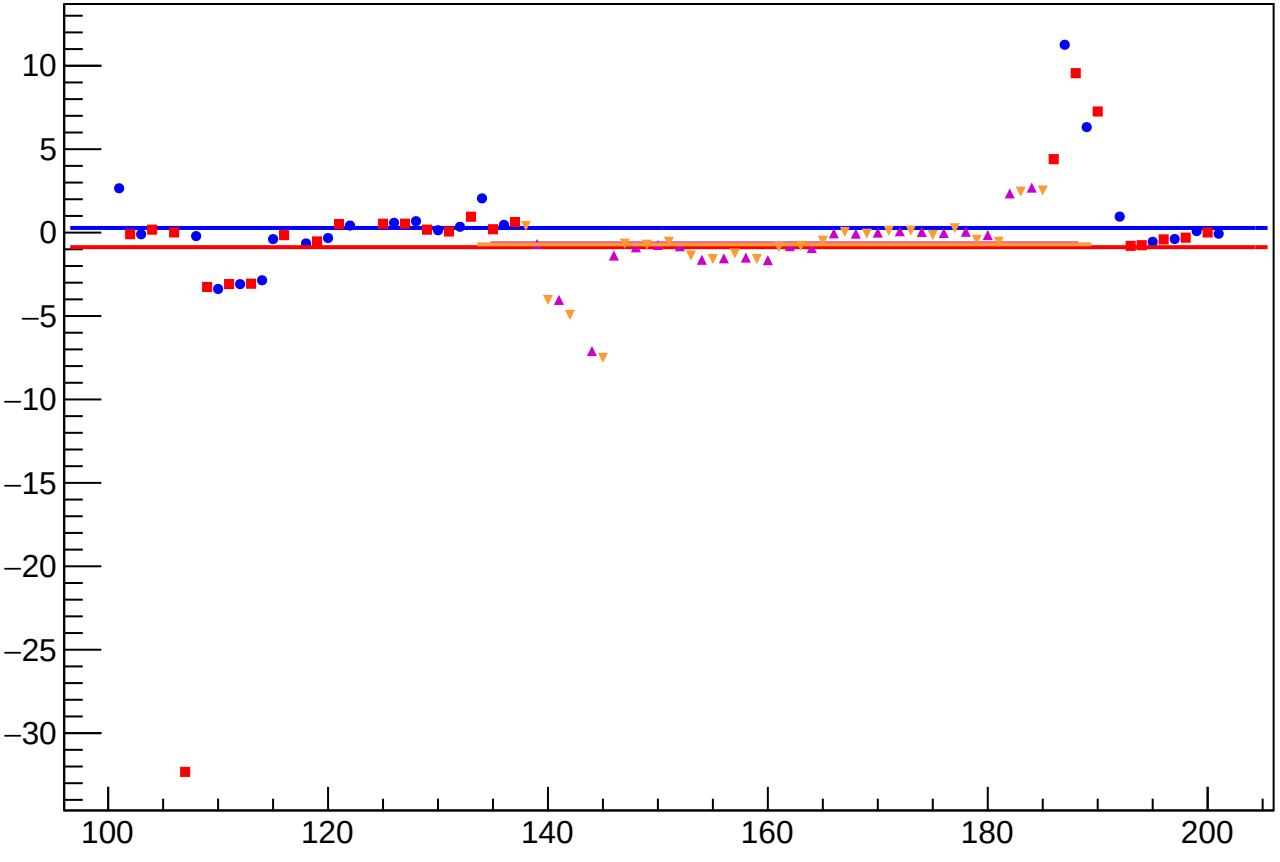
Right: 0.651+/-0.262 χ^2/NDF: 277.2/47

In: -1.401+/-0.153 χ^2/NDF:1422.4/45

Out: -1.210+/-0.152 χ^2/NDF:1655.0/48

All: -1.305+/-0.108 χ^2/NDF: 3078.2/94

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.279+/-0.019 χ^2/NDF: 9453.0/22

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.872+/-0.019 χ^2/NDF: 92232.9/24

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

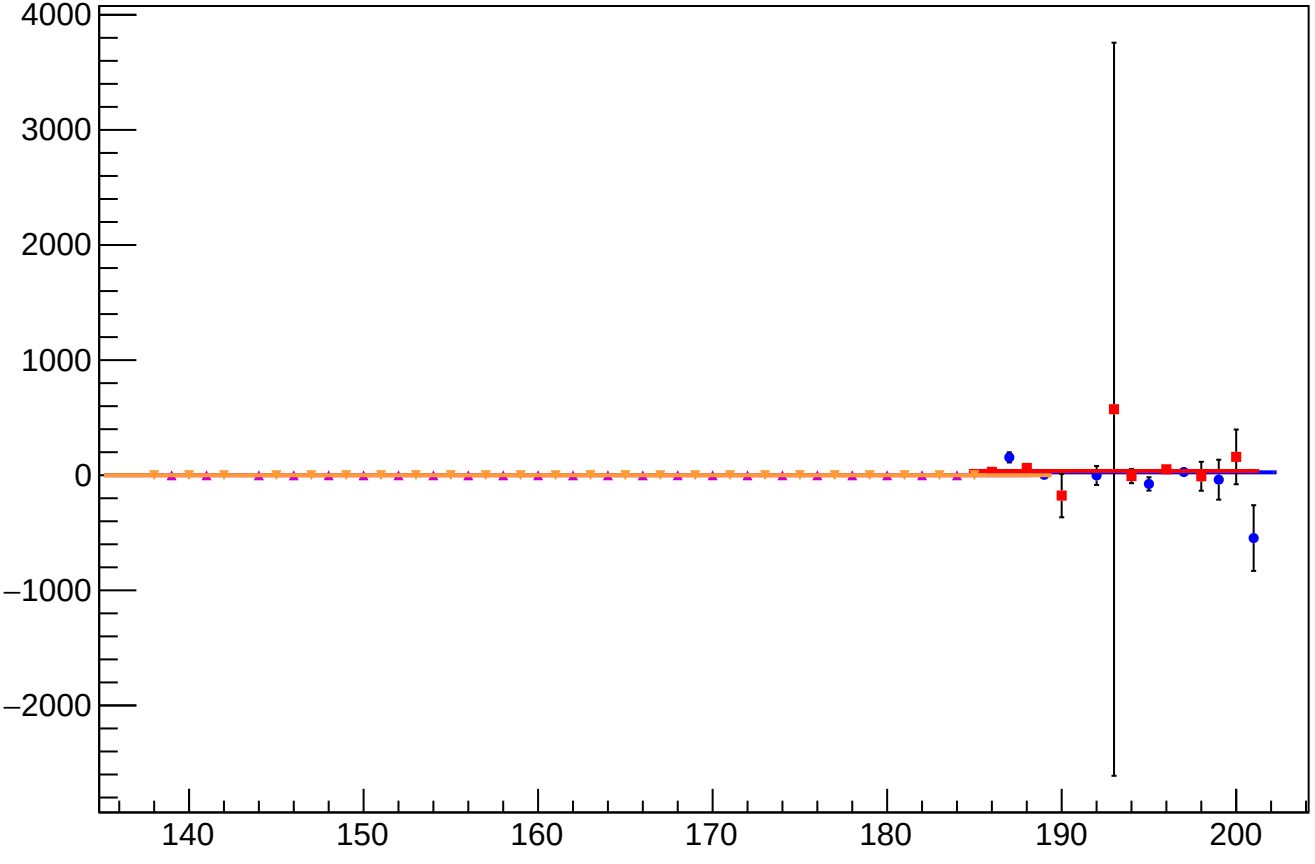
Right: -0.301+/-0.013 χ^2/NDF: 103524.4/47

In: -0.523+/-0.007 χ^2/NDF:55673.1/45

Out: -0.726+/-0.007 χ^2/NDF:146072.4/48

All: -0.625+/-0.005 χ^2/NDF: 202158.0/94

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.034+/-19.093 χ^2/NDF: 16.5/6

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 36.943+/-9.970 χ^2/NDF: 4.3/7

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

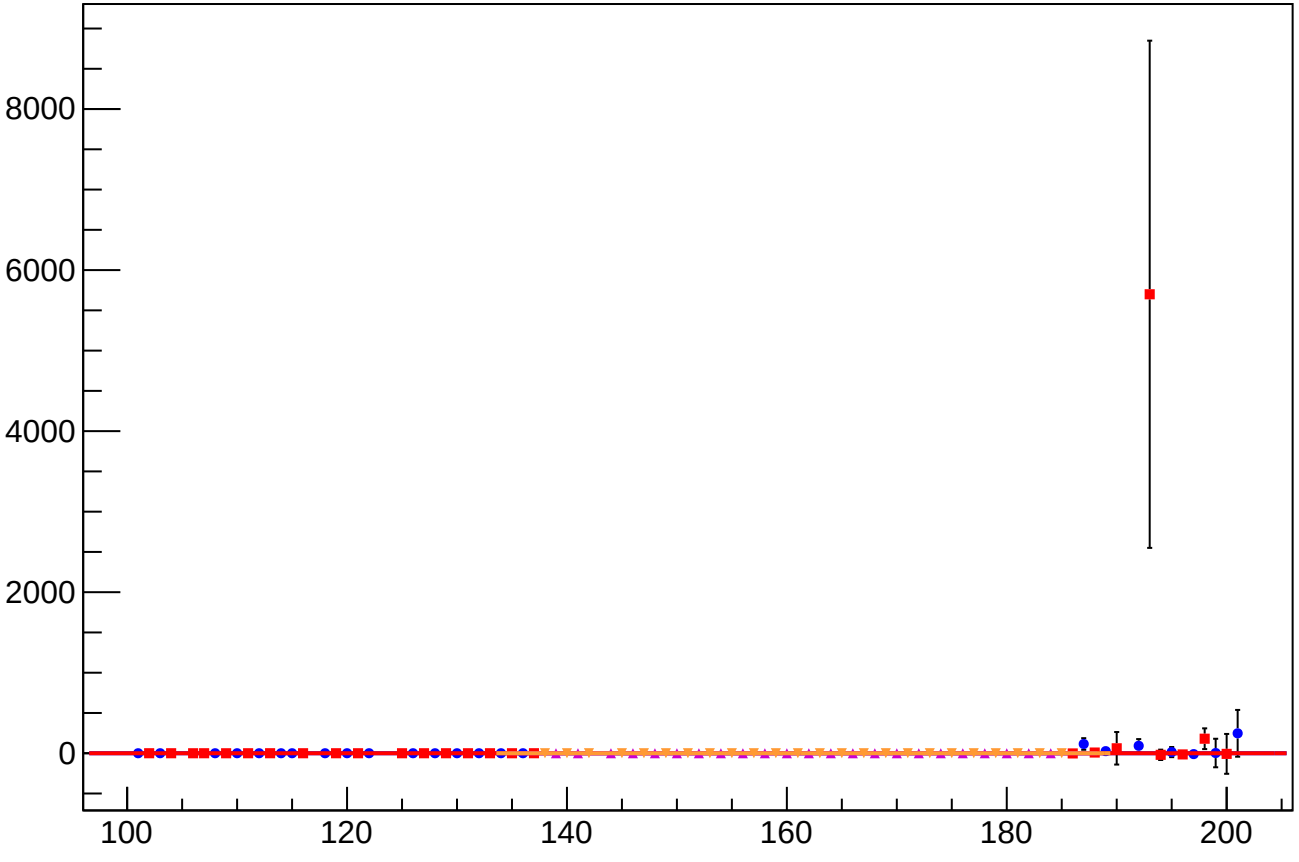
Right: 34.391+/-8.838 χ^2/NDF: 21.1/14

In: -0.009+/-0.018 χ^2/NDF:53.5/29

Out: -0.038+/-0.018 χ^2/NDF:53.6/31

All: -0.024+/-0.013 χ^2/NDF: 108.4/61

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 17.5/22

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 14.8/24

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

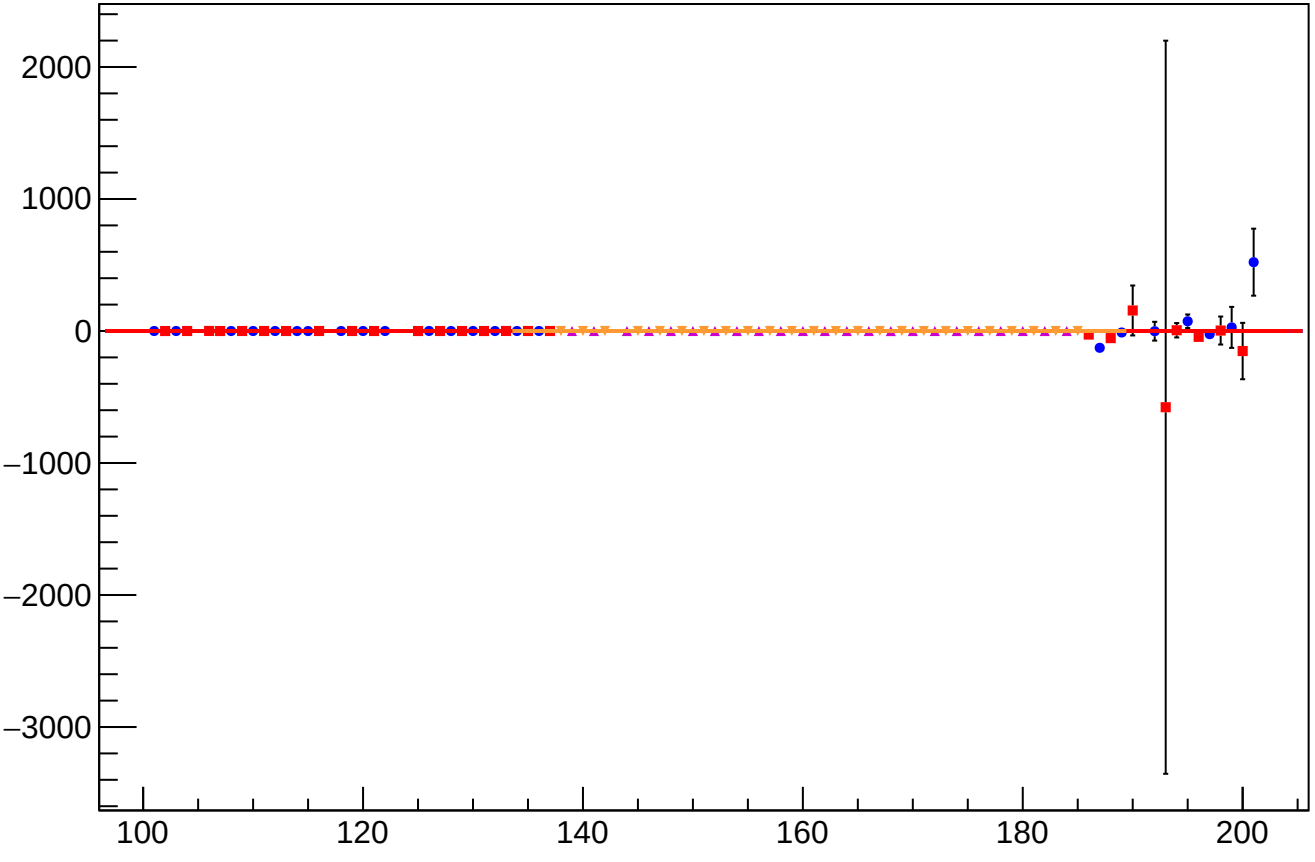
Right: -0.050+/-0.017 χ^2/NDF: 37.7/47

In: -0.051+/-0.012 χ^2/NDF:61.5/45

Out: -0.078+/-0.012 χ^2/NDF:43.1/48

All: -0.064+/-0.009 χ^2/NDF: 107.0/94

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 29.0/22

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 28.8/24

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

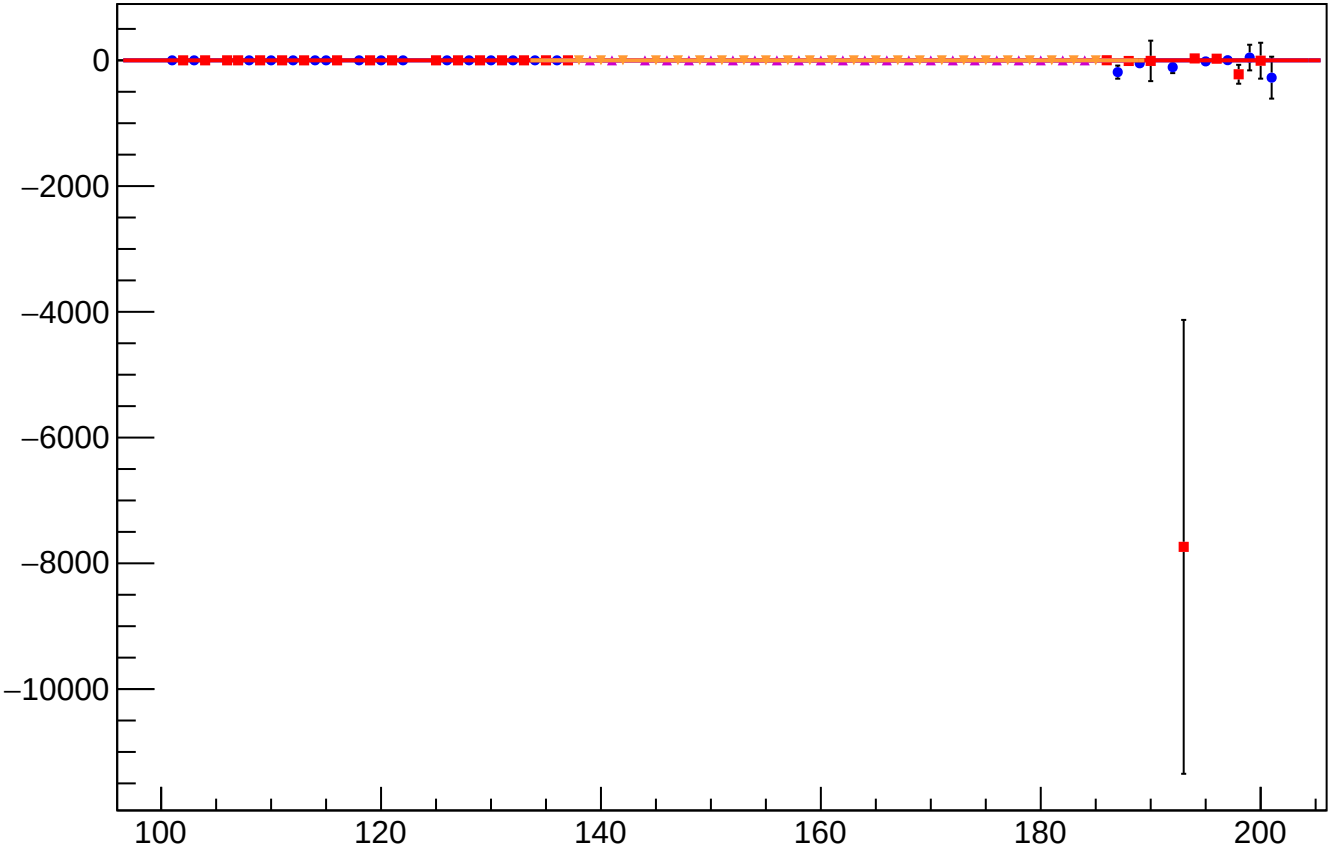
Right: 0.023+/-0.031 χ^2/NDF: 57.9/47

In: -0.006+/-0.017 χ^2/NDF:66.5/45

Out: 0.035+/-0.017 χ^2/NDF:61.2/48

All: 0.014+/-0.012 χ^2/NDF: 130.7/94

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 18.2/22

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 15.1/24

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

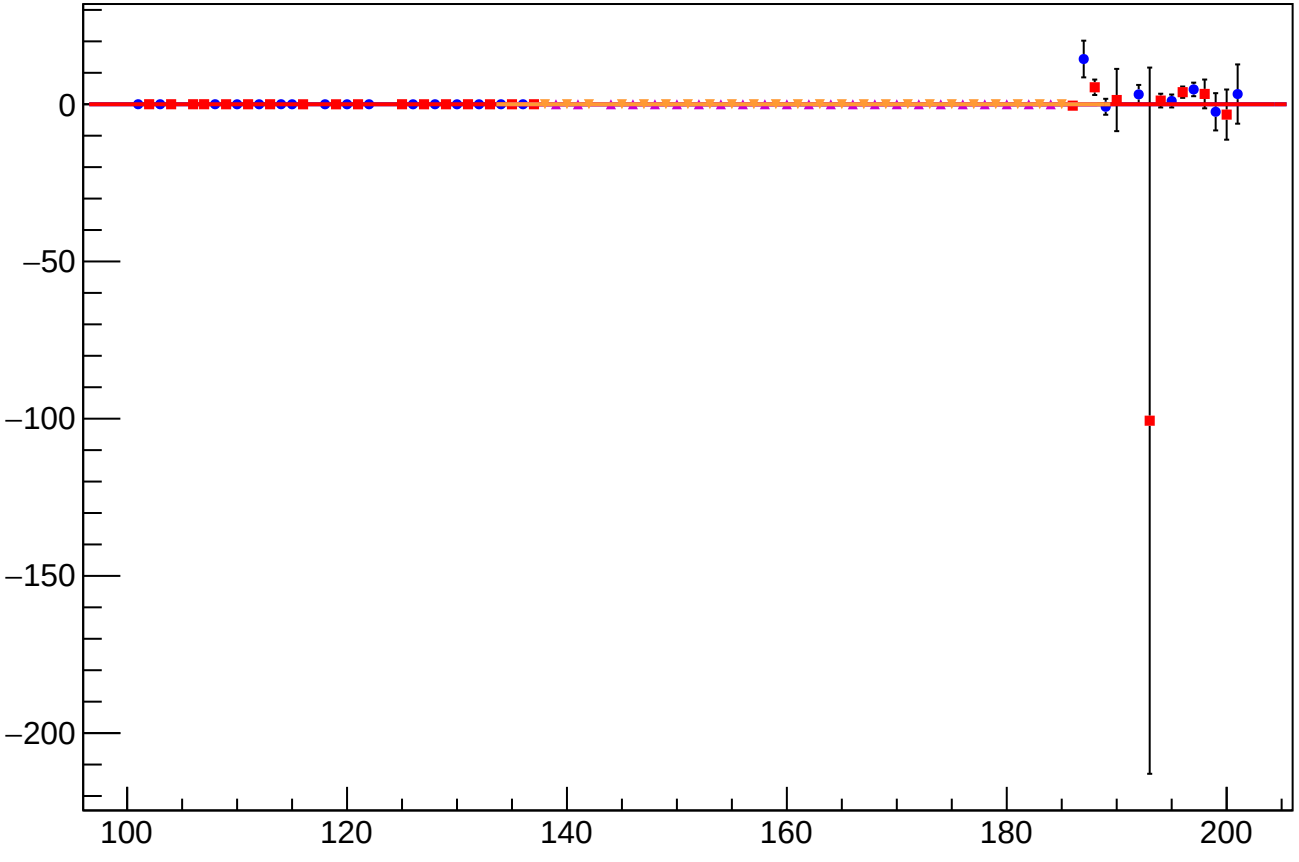
Right: 0.055+/-0.020 χ^2/NDF: 40.2/47

In: 0.054+/-0.014 χ^2/NDF:66.4/45

Out: 0.092+/-0.014 χ^2/NDF:43.4/48

All: 0.073+/-0.010 χ^2/NDF: 113.4/94

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 35.2/22

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 34.9/24

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

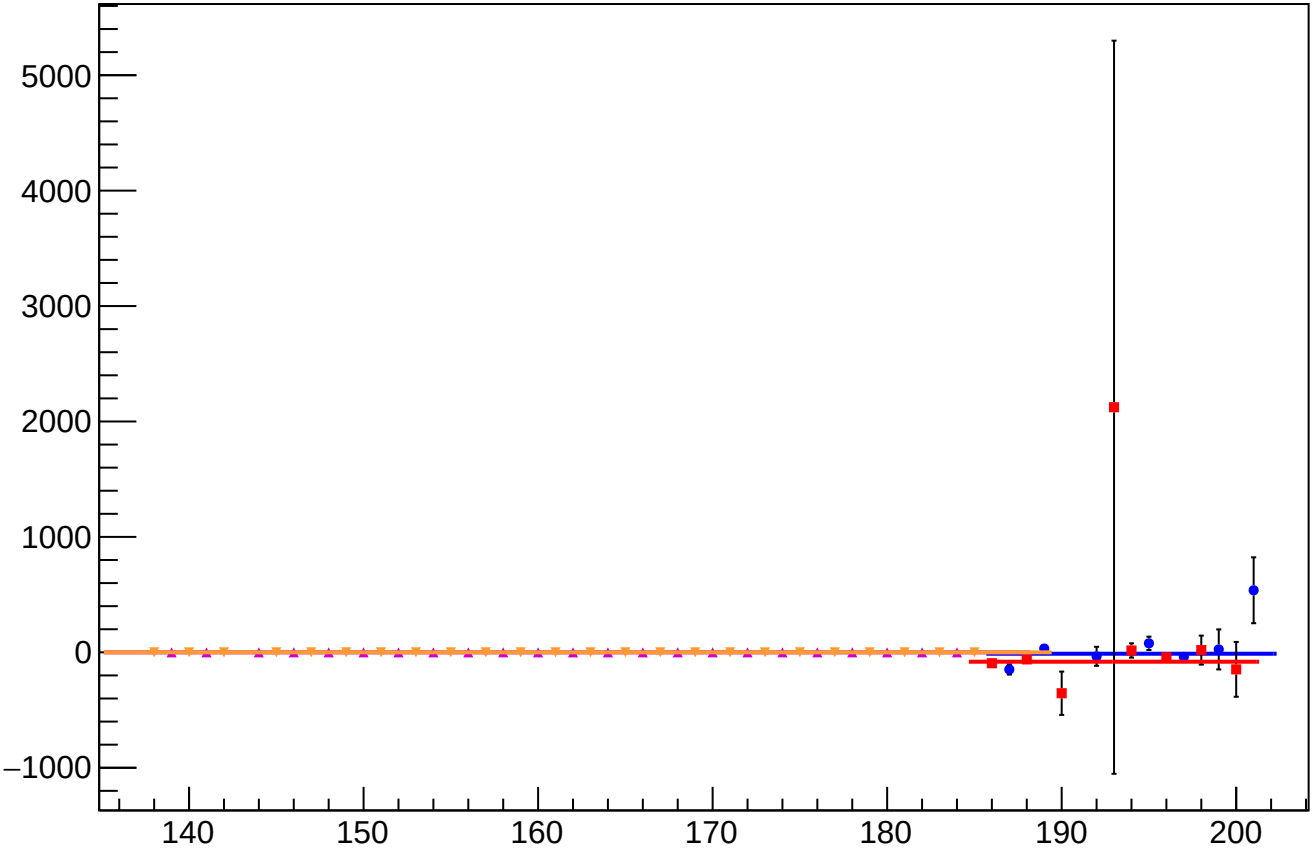
Right: -0.005+/-0.001 χ^2/NDF: 70.5/47

In: -0.001+/-0.001 χ^2/NDF:69.7/45

Out: -0.001+/-0.001 χ^2/NDF:66.7/48

All: -0.001+/-0.000 χ^2/NDF: 136.6/94

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.106+/-19.080 χ^2/NDF: 18.6/6

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -81.243+/-9.973 χ^2/NDF: 8.7/7

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

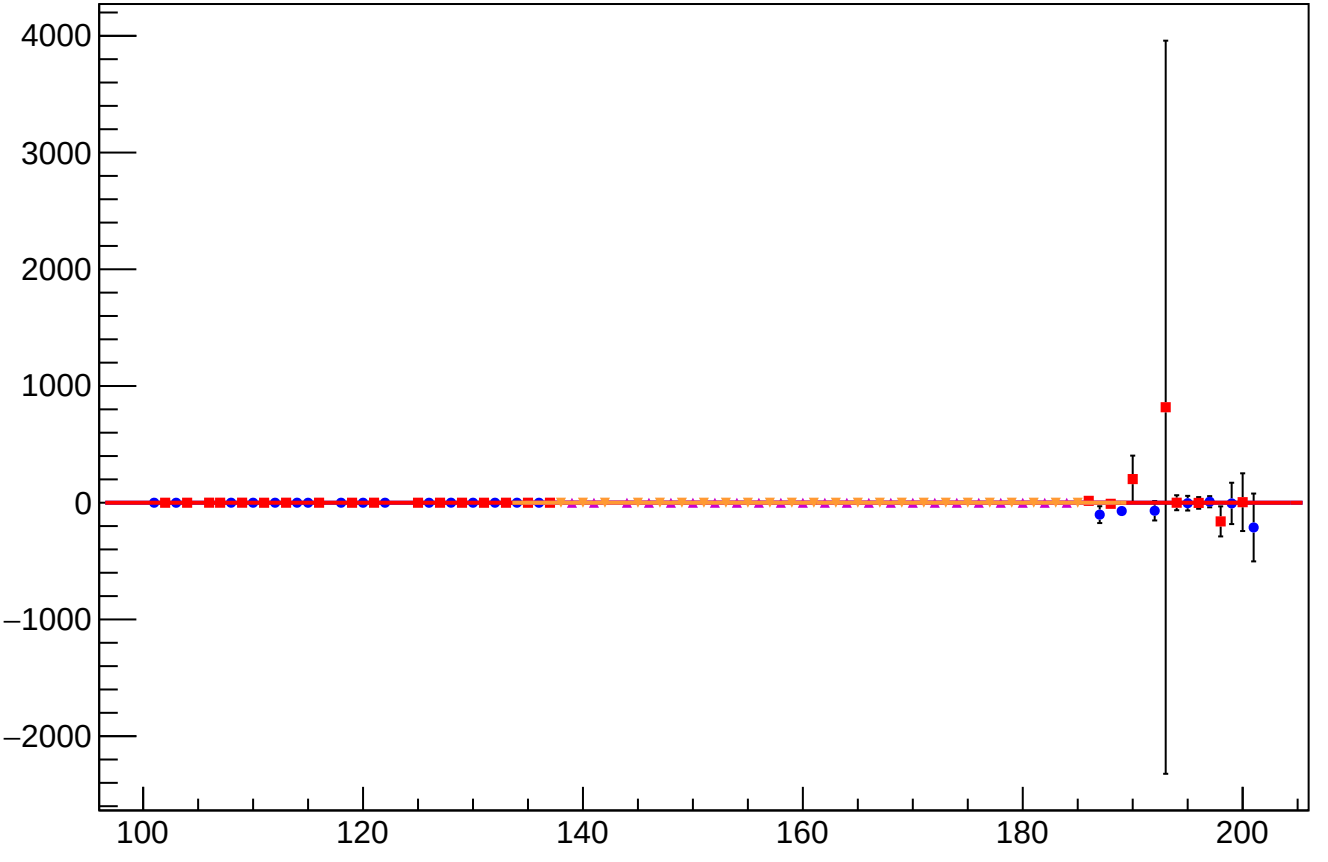
Right: -66.408+/-8.838 χ^2/NDF: 37.7/14

In: -0.010+/-0.018 χ^2/NDF:52.3/29

Out: -0.052+/-0.018 χ^2/NDF:112.3/31

All: -0.031+/-0.013 χ^2/NDF: 167.4/61

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 33.3/22

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 31.0/24

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

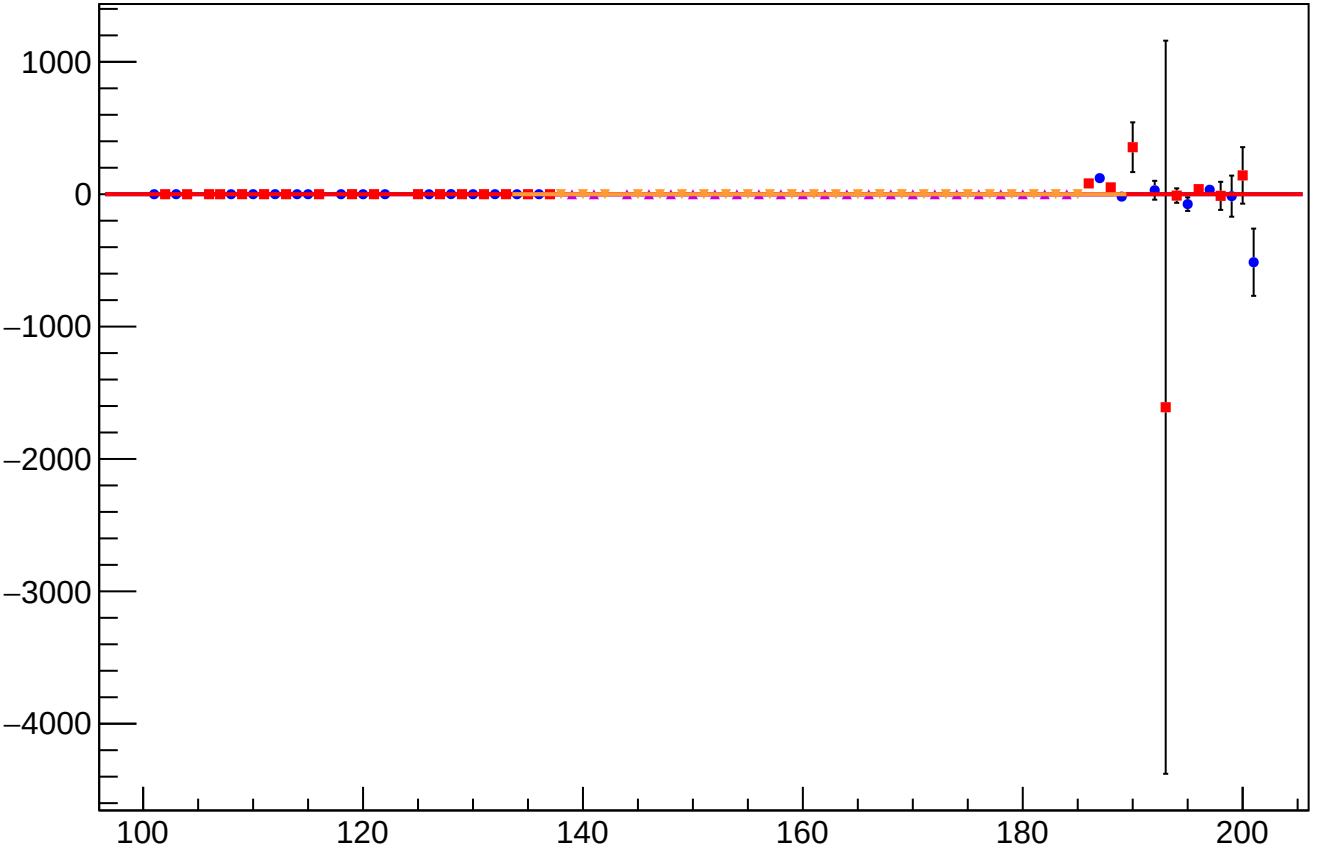
Right: 0.024+/-0.017 χ^2/NDF: 65.1/47

In: 0.006+/-0.012 χ^2/NDF:83.7/45

Out: 0.002+/-0.012 χ^2/NDF:63.6/48

All: 0.004+/-0.009 χ^2/NDF: 147.3/94

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 47.9/22

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 97.0/24

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

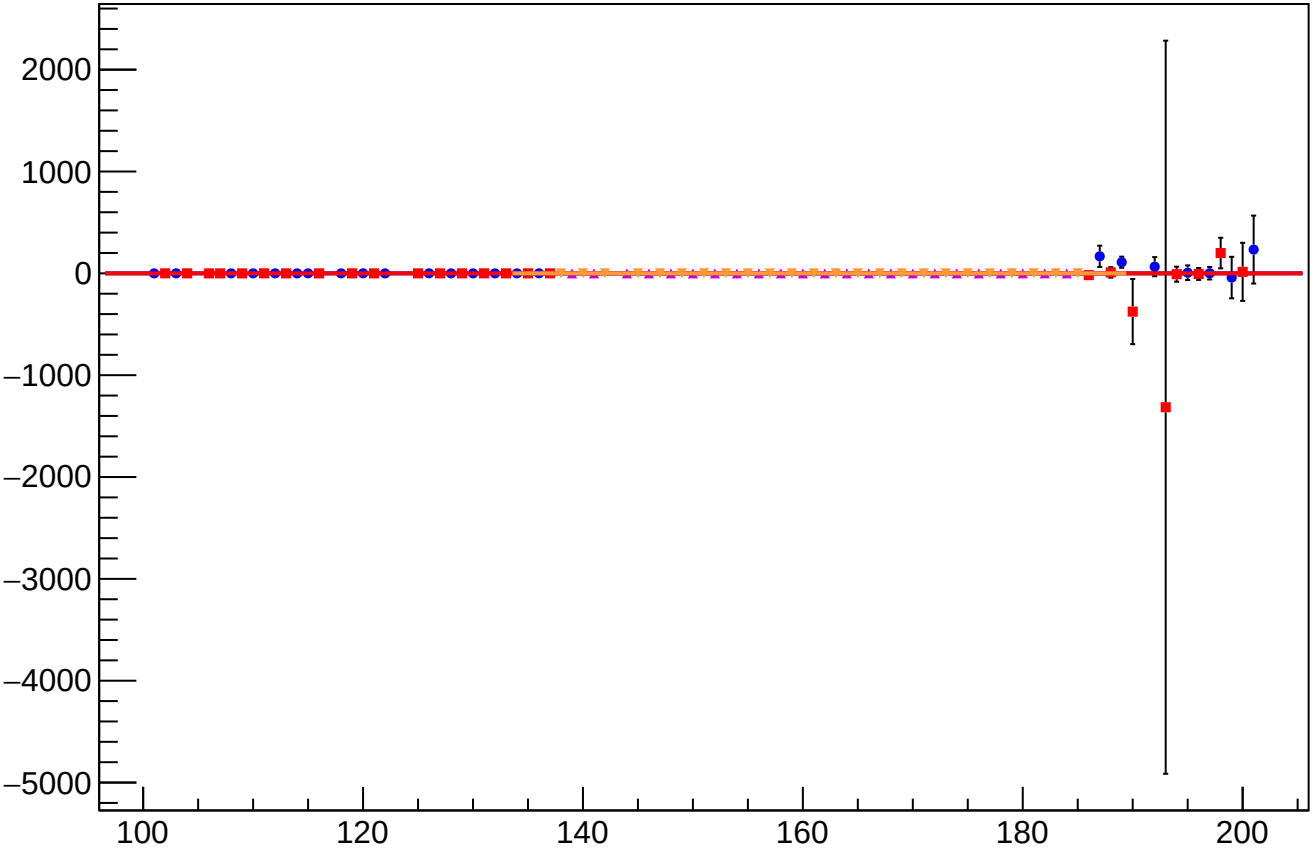
Right: 0.177+/-0.031 χ^2/NDF: 145.6/47

In: 0.041+/-0.017 χ^2/NDF:89.9/45

Out: 0.069+/-0.017 χ^2/NDF:142.7/48

All: 0.055+/-0.012 χ^2/NDF: 234.0/94

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 32.8/22

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 29.0/24

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

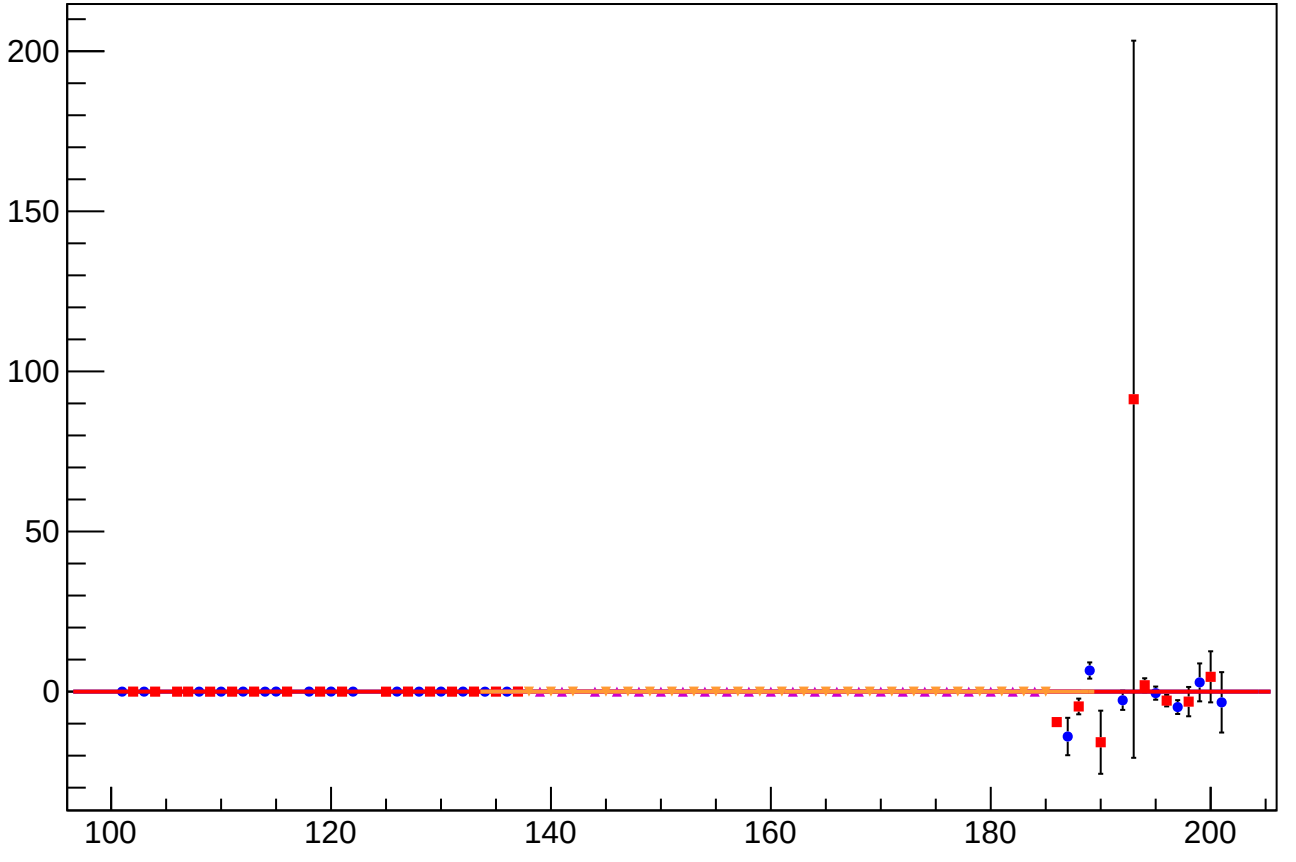
Right: -0.030+/-0.020 χ^2/NDF: 62.7/47

In: 0.002+/-0.014 χ^2/NDF:83.9/45

Out: 0.004+/-0.014 χ^2/NDF:66.8/48

All: 0.003+/-0.010 χ^2/NDF: 150.7/94

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 47.7/22

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 68.7/24

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

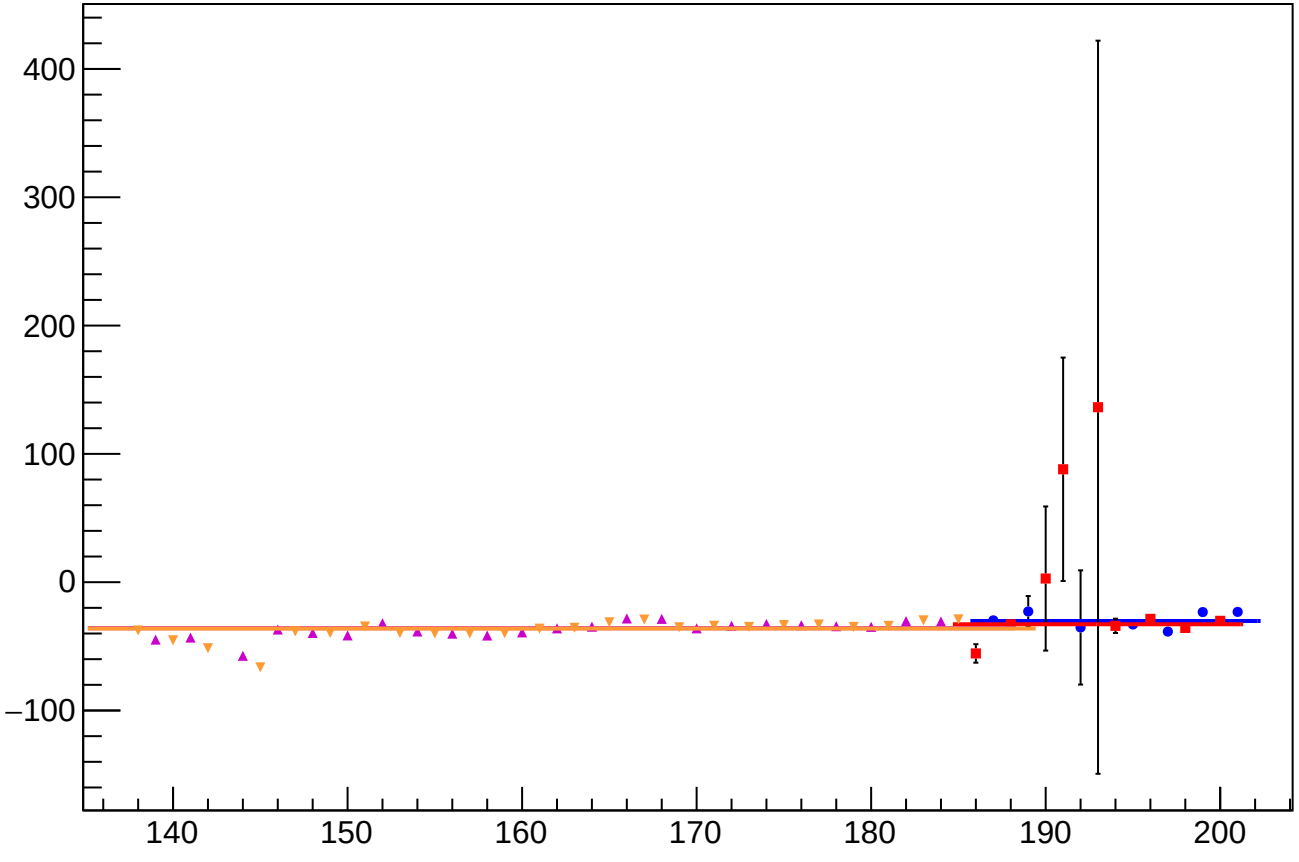
Right: -0.006+/-0.001 χ^2/NDF: 116.4/47

In: -0.008+/-0.001 χ^2/NDF:89.8/45

Out: -0.008+/-0.001 χ^2/NDF:102.2/48

All: -0.008+/-0.000 χ^2/NDF: 192.2/94

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.241+/-1.149 χ^2/NDF: 20.4/6

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -32.782+/-0.963 χ^2/NDF: 16.2/8

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

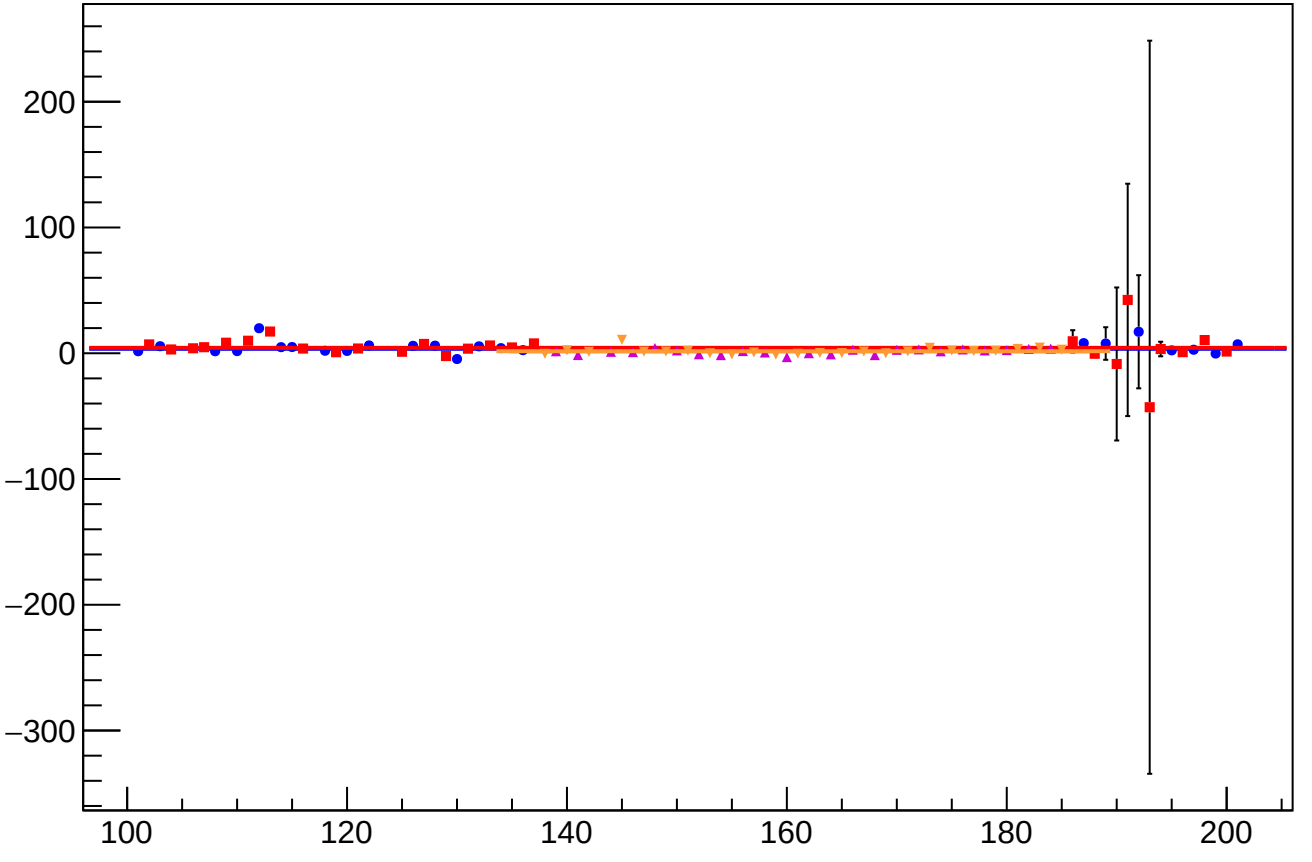
Right: -31.733+/-0.738 χ^2/NDF: 39.5/15

In: -35.718+/-0.188 χ^2/NDF:930.9/29

Out: -35.983+/-0.188 χ^2/NDF:1146.1/32

All: -35.851+/-0.133 χ^2/NDF: 2078.0/62

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.542+/-0.215 χ^2/NDF: 451.6/22

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.292+/-0.222 χ^2/NDF: 363.1/25

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

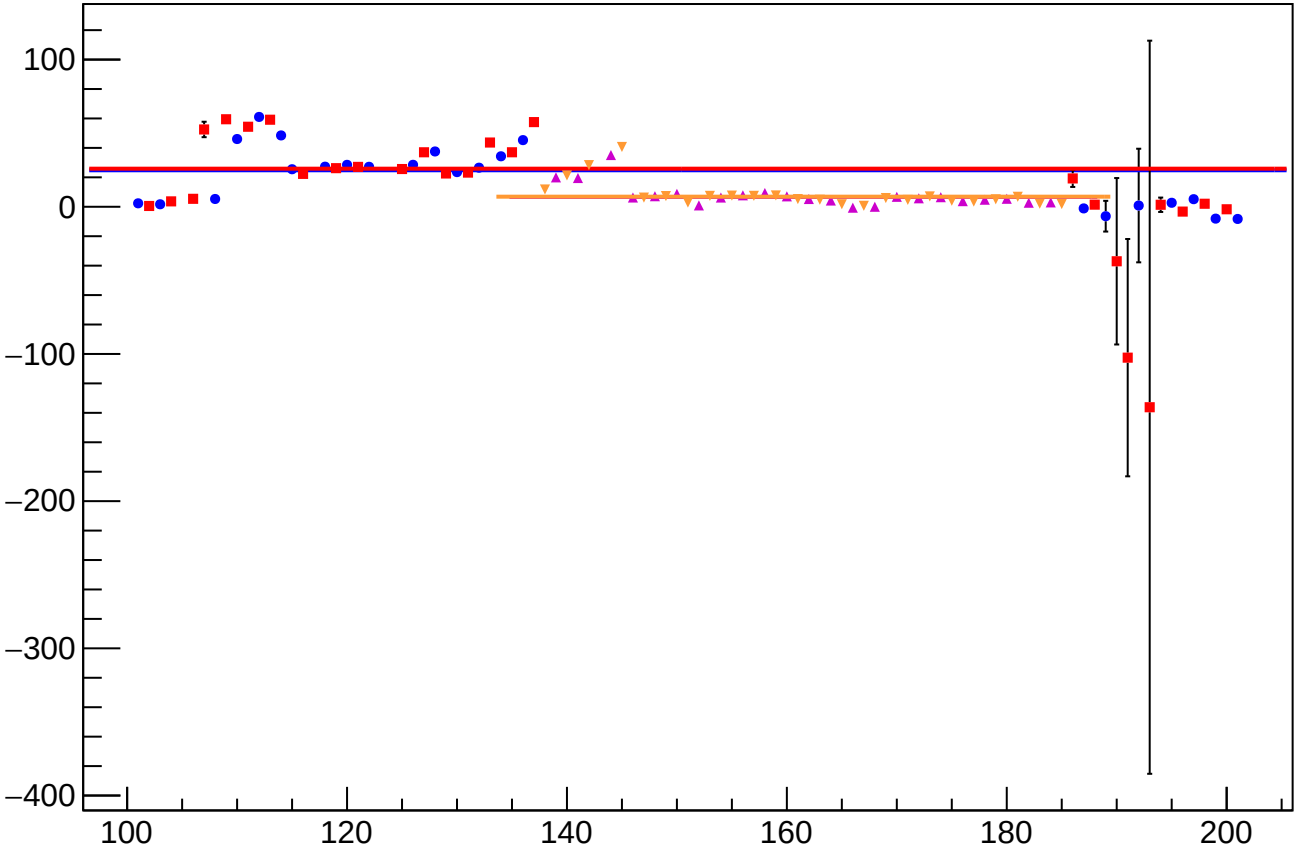
Right: 3.904+/-0.154 χ^2/NDF: 820.6/48

In: 2.263+/-0.123 χ^2/NDF:668.3/45

Out: 2.448+/-0.123 χ^2/NDF:629.1/49

All: 2.355+/-0.087 χ^2/NDF: 1298.6/95

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.800+/-0.383 χ^2/NDF: 2346.1/22

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 25.877+/-0.374 χ^2/NDF: 2897.3/25

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

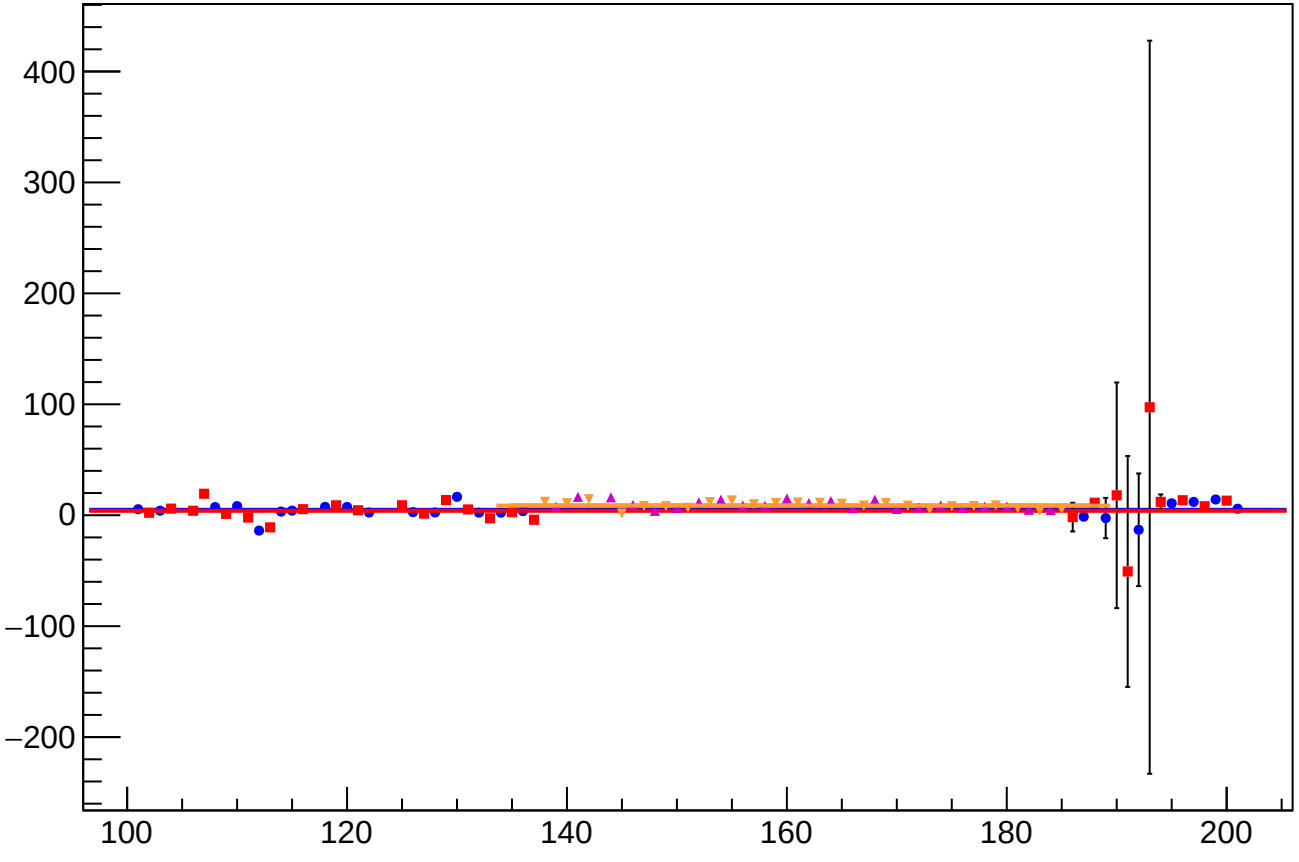
Right: 25.352+/-0.267 χ^2/NDF: 5247.4/48

In: 10.220+/-0.170 χ^2/NDF:5229.3/45

Out: 10.810+/-0.170 χ^2/NDF:6250.1/49

All: 10.515+/-0.120 χ^2/NDF: 11485.5/95

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.876+/-0.249 χ^2/NDF: 569.2/22

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.992+/-0.256 χ^2/NDF: 588.6/25

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

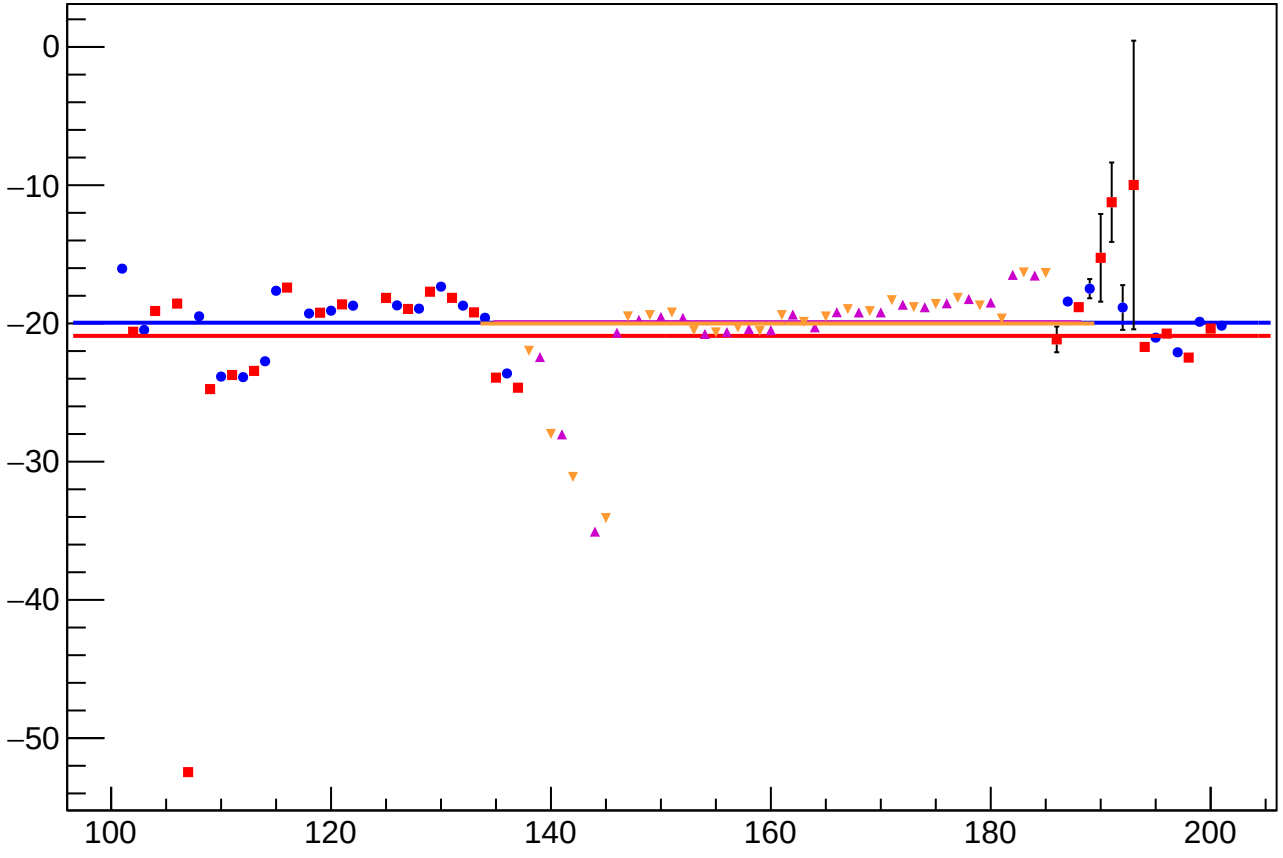
Right: 4.447+/-0.178 χ^2/NDF: 1164.0/48

In: 7.456+/-0.140 χ^2/NDF:1165.2/45

Out: 7.269+/-0.141 χ^2/NDF:1065.1/49

All: 7.363+/-0.099 χ^2/NDF: 2231.2/95

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.948+/-0.015 χ^2/NDF: 26556.4/22

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.900+/-0.015 χ^2/NDF: 93188.3/25

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

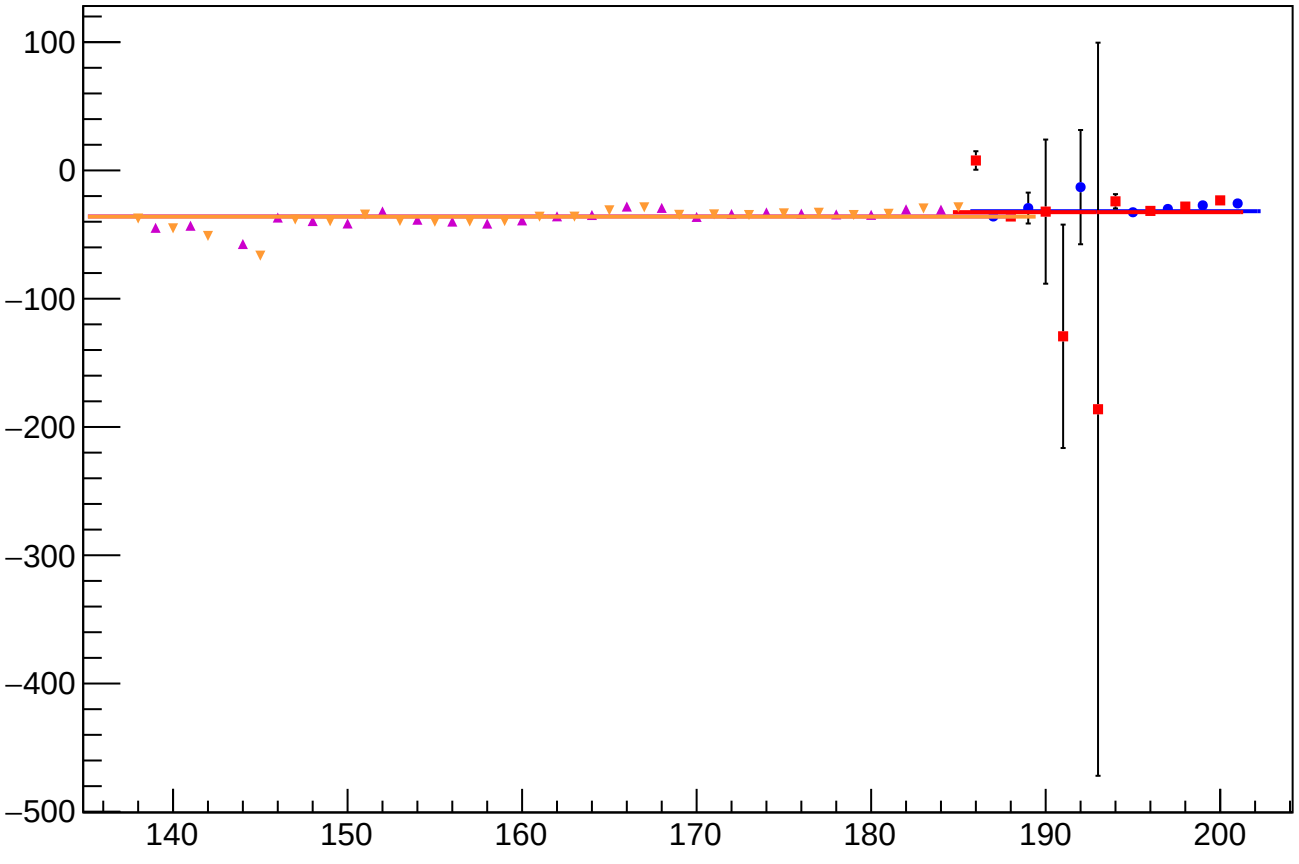
Right: -20.418+/-0.011 χ^2/NDF: 121737.0/48

In: -19.920+/-0.007 χ^2/NDF:172048.4/45

Out: -20.197+/-0.007 χ^2/NDF:267560.9/49

All: -20.057+/-0.005 χ^2/NDF: 440400.3/95

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.789+/-1.153 χ^2/NDF: 10.9/6

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -32.535+/-0.966 χ^2/NDF: 52.9/8

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

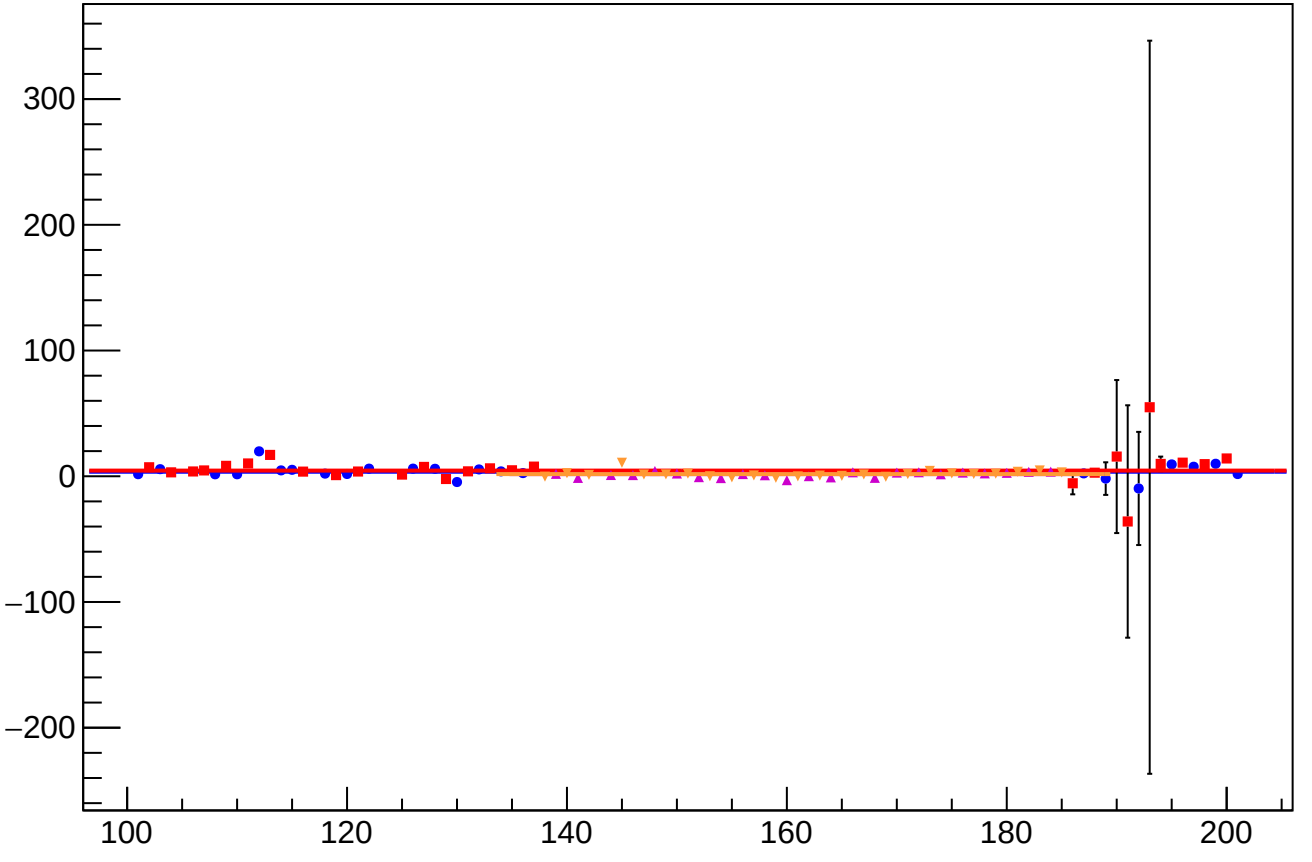
Right: -32.227+/-0.740 χ^2/NDF: 64.1/15

In: -35.748+/-0.188 χ^2/NDF:898.9/29

Out: -35.887+/-0.188 χ^2/NDF:1190.8/32

All: -35.817+/-0.133 χ^2/NDF: 2090.0/62

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.595+/-0.215 χ^2/NDF: 453.1/22

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.502+/-0.222 χ^2/NDF: 361.1/25

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

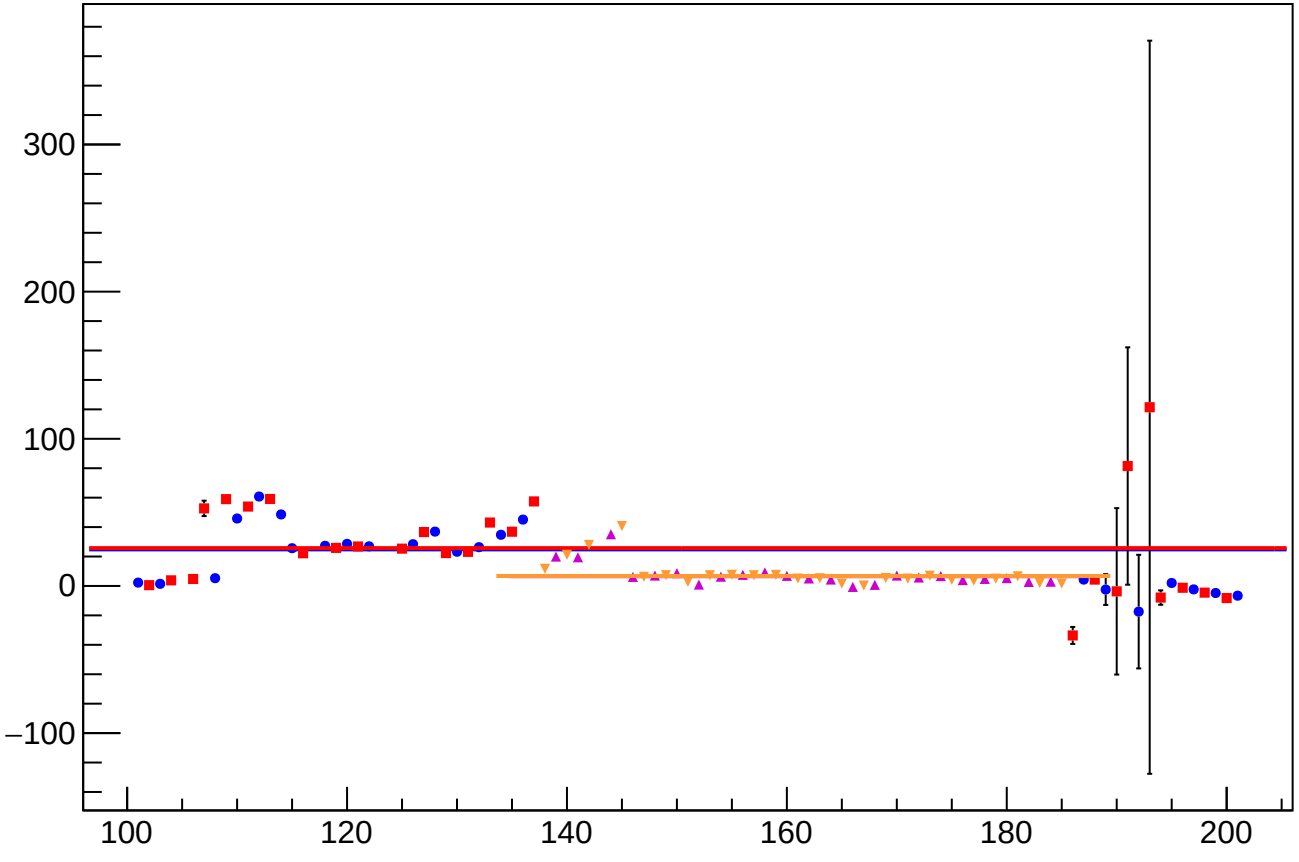
Right: 4.033+/-0.154 χ^2/NDF: 822.9/48

In: 2.325+/-0.122 χ^2/NDF:669.1/45

Out: 2.574+/-0.123 χ^2/NDF:638.1/49

All: 2.449+/-0.087 χ^2/NDF: 1309.3/95

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.859+/-0.383 χ^2/NDF: 2263.0/22

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 25.708+/-0.374 χ^2/NDF: 2914.1/25

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

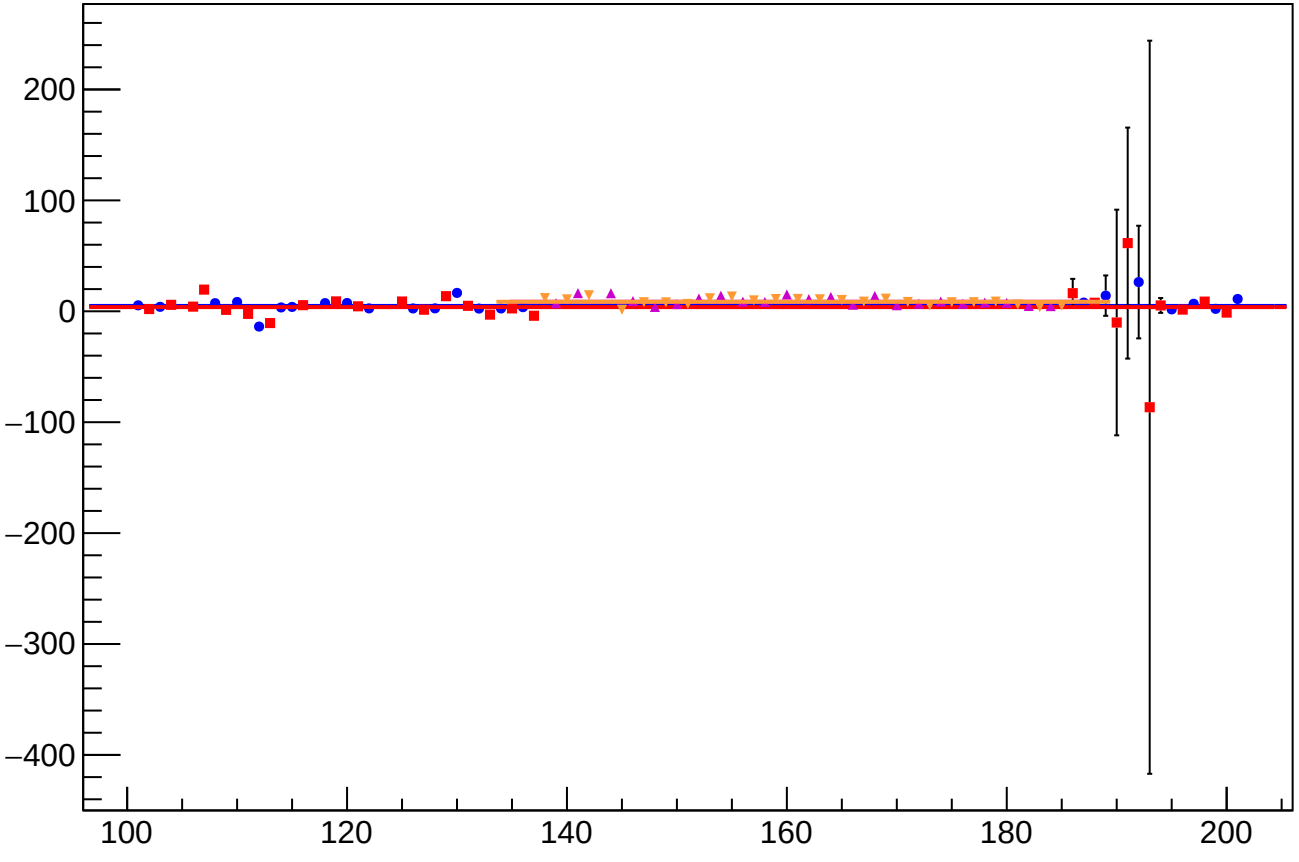
Right: 25.294+/-0.267 χ^2/NDF: 5179.6/48

In: 10.225+/-0.170 χ^2/NDF:5152.7/45

Out: 10.701+/-0.170 χ^2/NDF:6252.2/49

All: 10.463+/-0.120 χ^2/NDF: 11408.8/95

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.815+/-0.248 χ^2/NDF: 554.9/22

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.774+/-0.256 χ^2/NDF: 569.8/25

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

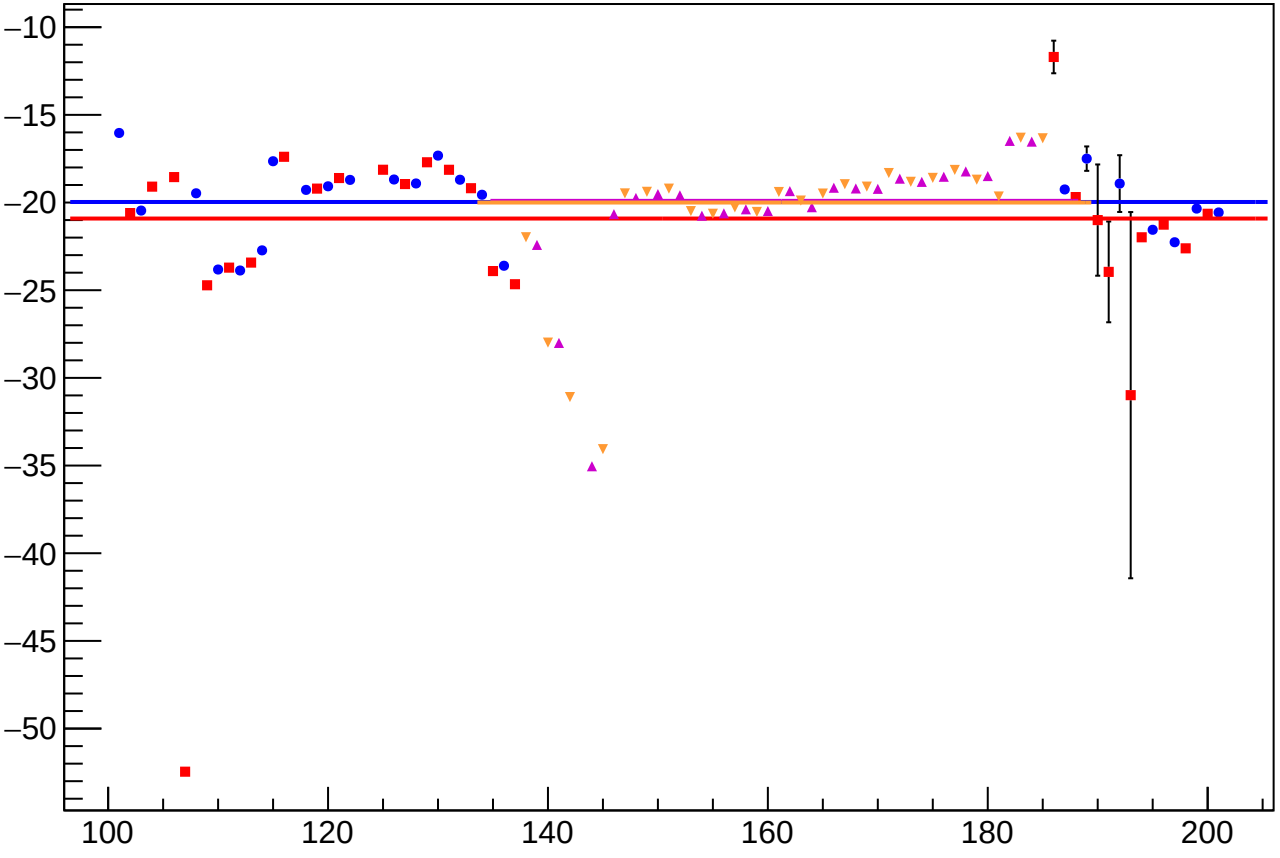
Right: 4.310+/-0.178 χ^2/NDF: 1133.2/48

In: 7.378+/-0.140 χ^2/NDF:1154.4/45

Out: 7.127+/-0.141 χ^2/NDF:1062.2/49

All: 7.253+/-0.099 χ^2/NDF: 2218.1/95

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.968+/-0.015 χ^2/NDF: 26726.7/22

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.913+/-0.015 χ^2/NDF: 93286.5/25

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

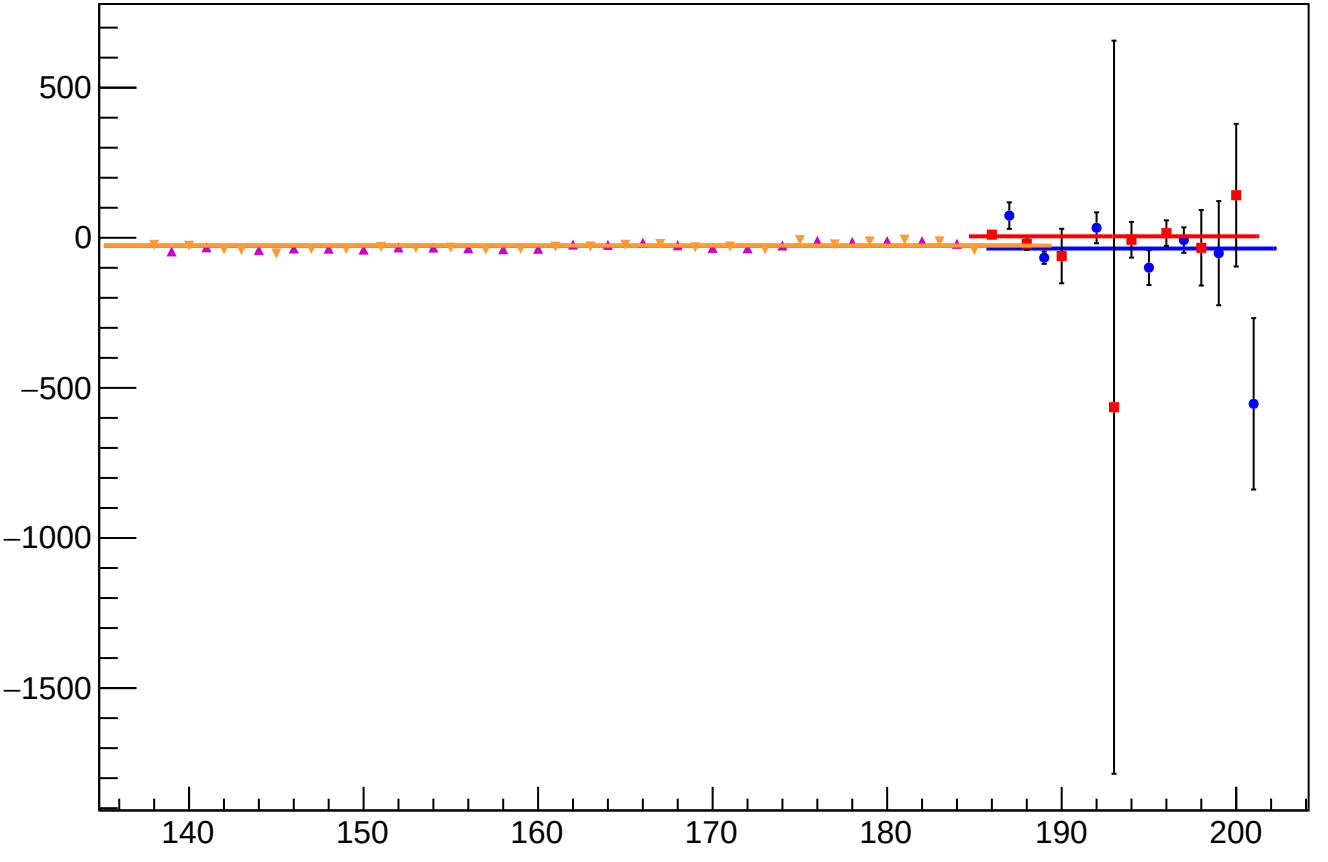
Right: -20.434+/-0.011 χ^2/NDF: 121977.4/48

In: -19.918+/-0.007 χ^2/NDF:172087.7/45

Out: -20.194+/-0.007 χ^2/NDF:267975.8/49

All: -20.054+/-0.005 χ^2/NDF: 440845.8/95

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.811+/-15.505 χ^2/NDF: 15.1/6

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.897+/-8.292 χ^2/NDF: 3.0/7

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

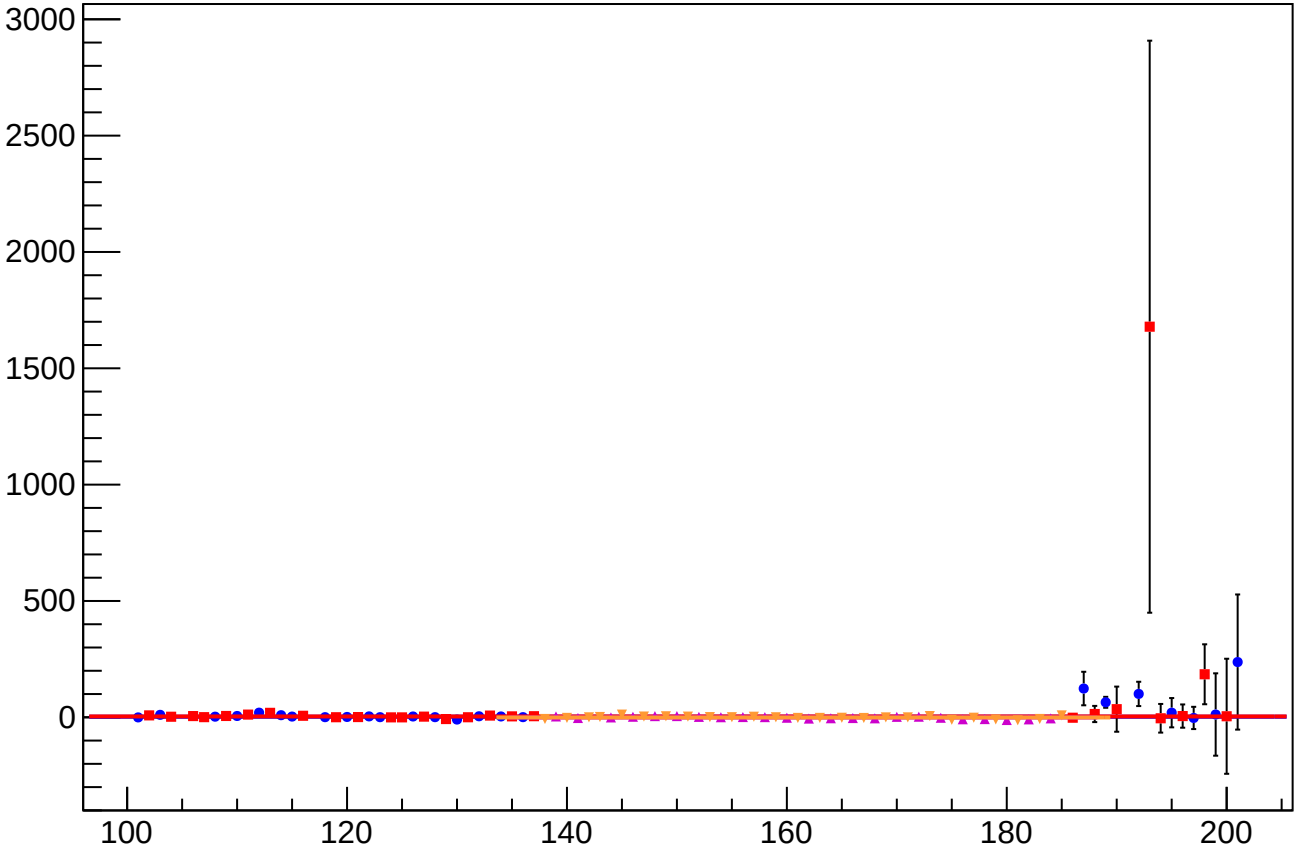
Right: -4.157+/-7.312 χ^2/NDF: 23.4/14

In: -26.205+/-0.194 χ^2/NDF:3393.3/29

Out: -25.788+/-0.192 χ^2/NDF:4144.4/32

All: -25.994+/-0.137 χ^2/NDF: 7540.1/62

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.461+/-0.311 χ^2/NDF: 309.4/23

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.724+/-0.327 χ^2/NDF: 273.4/25

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

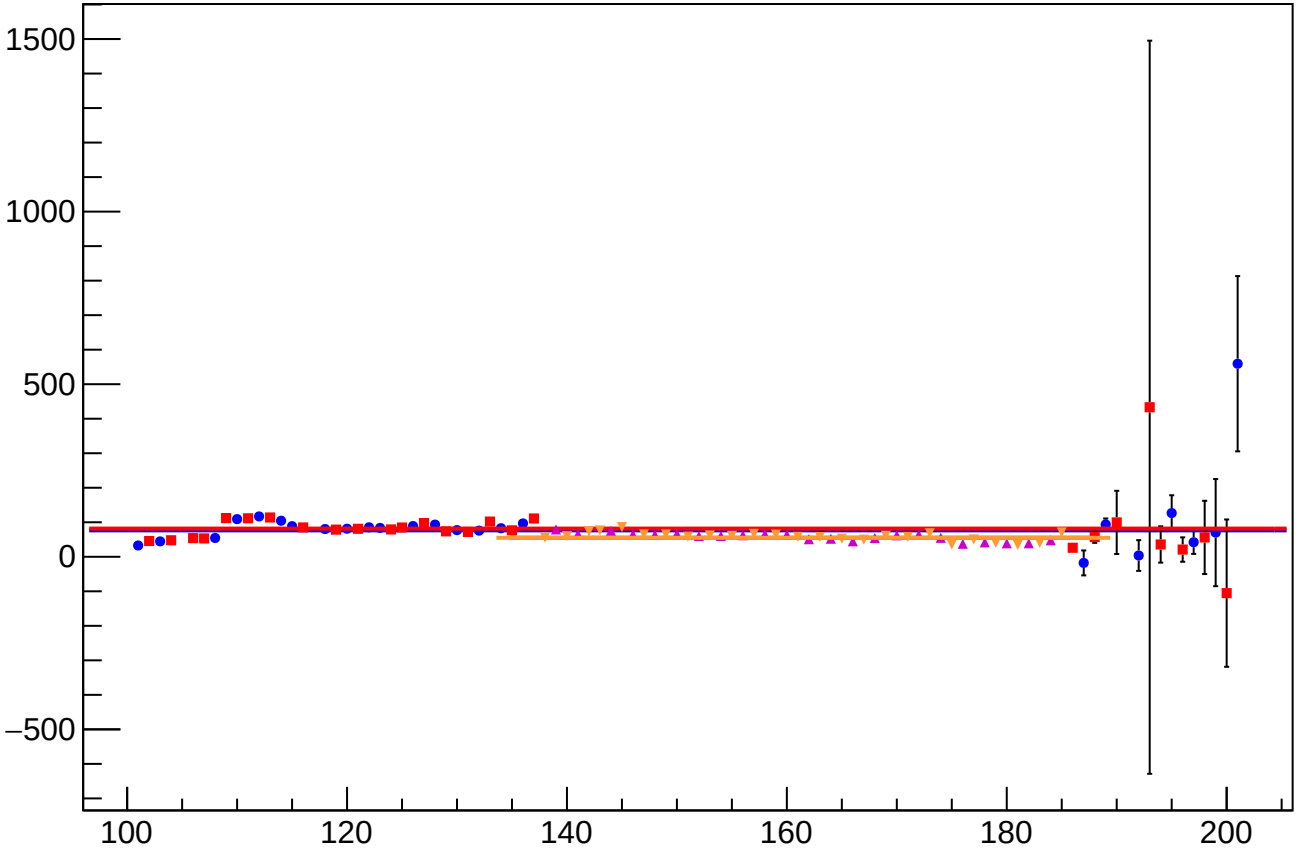
Right: 3.061+/-0.225 χ^2/NDF: 590.6/49

In: -0.218+/-0.135 χ^2/NDF:1472.5/46

Out: 0.057+/-0.134 χ^2/NDF:1738.8/50

All: -0.079+/-0.095 χ^2/NDF: 3213.4/97

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.554+/-0.573 χ^2/NDF: 2269.6/23

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.683+/-0.590 χ^2/NDF: 1608.7/25

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

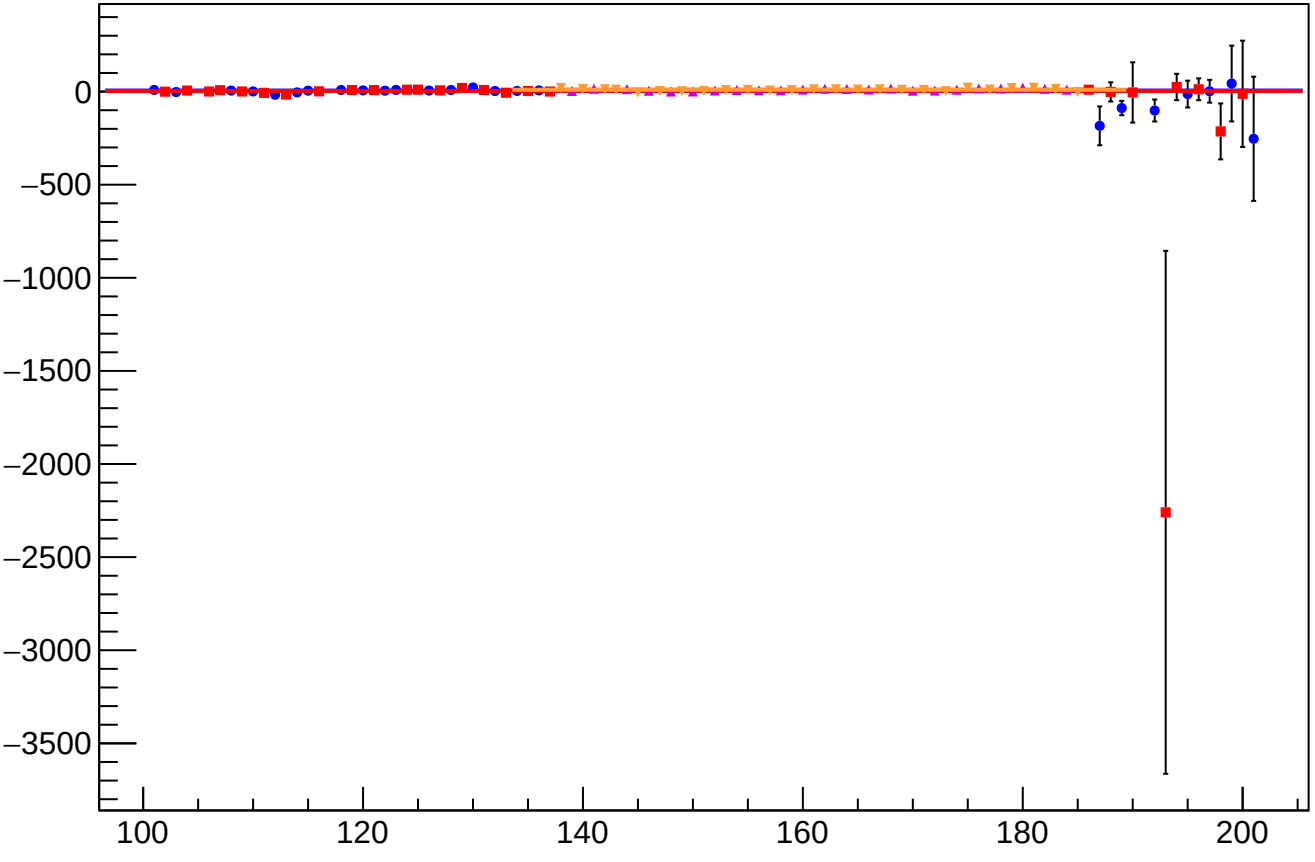
Right: 79.040+/-0.411 χ^2/NDF: 3917.2/49

In: 57.396+/-0.183 χ^2/NDF:7340.2/46

Out: 57.547+/-0.182 χ^2/NDF:7980.6/50

All: 57.472+/-0.129 χ^2/NDF: 15321.2/97

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.427+/-0.357 χ^2/NDF: 400.7/23

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.582+/-0.375 χ^2/NDF: 428.0/25

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

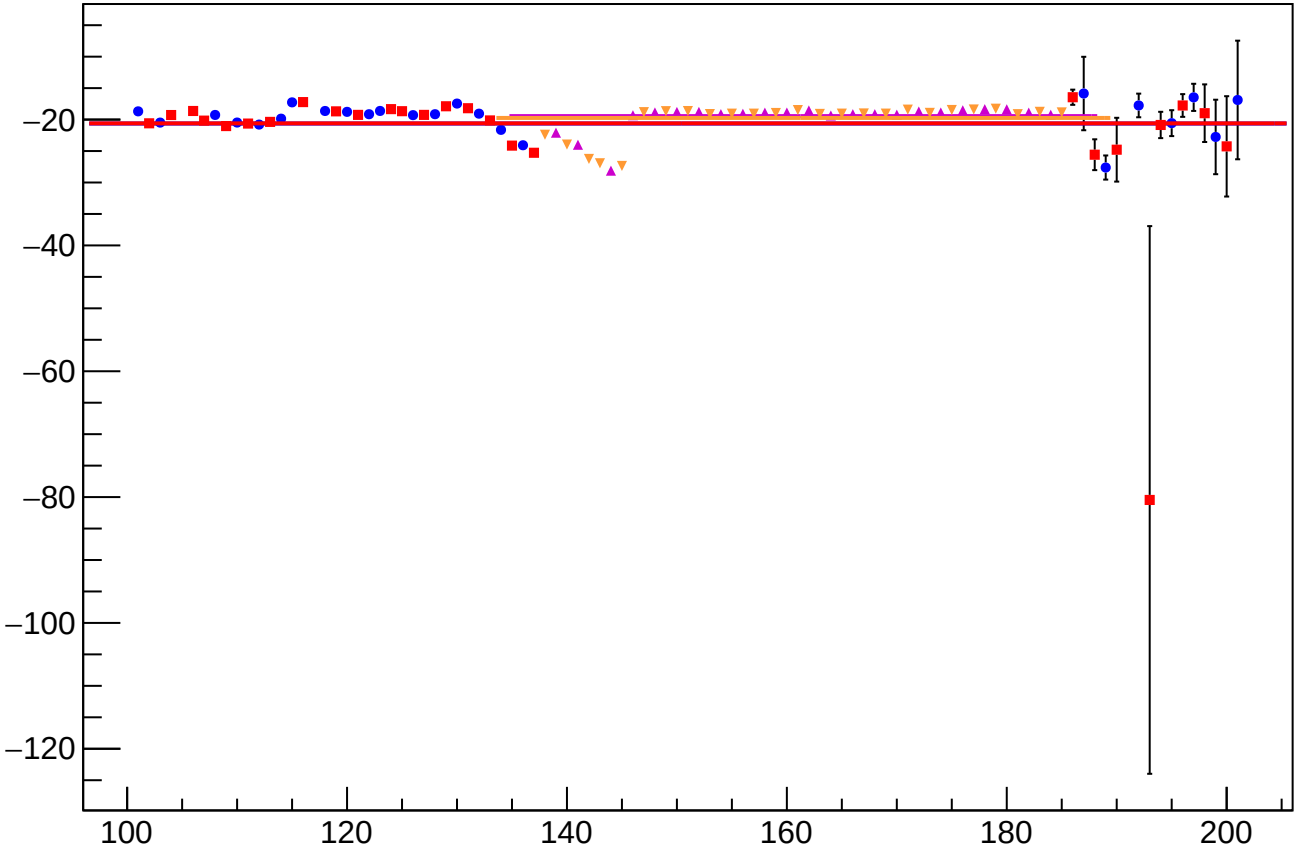
Right: 4.550+/-0.259 χ^2/NDF: 841.4/49

In: 8.962+/-0.154 χ^2/NDF:1686.7/46

Out: 8.719+/-0.153 χ^2/NDF:2102.1/50

All: 8.840+/-0.109 χ^2/NDF: 3790.0/97

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12510.8/23

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11972.5/25

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

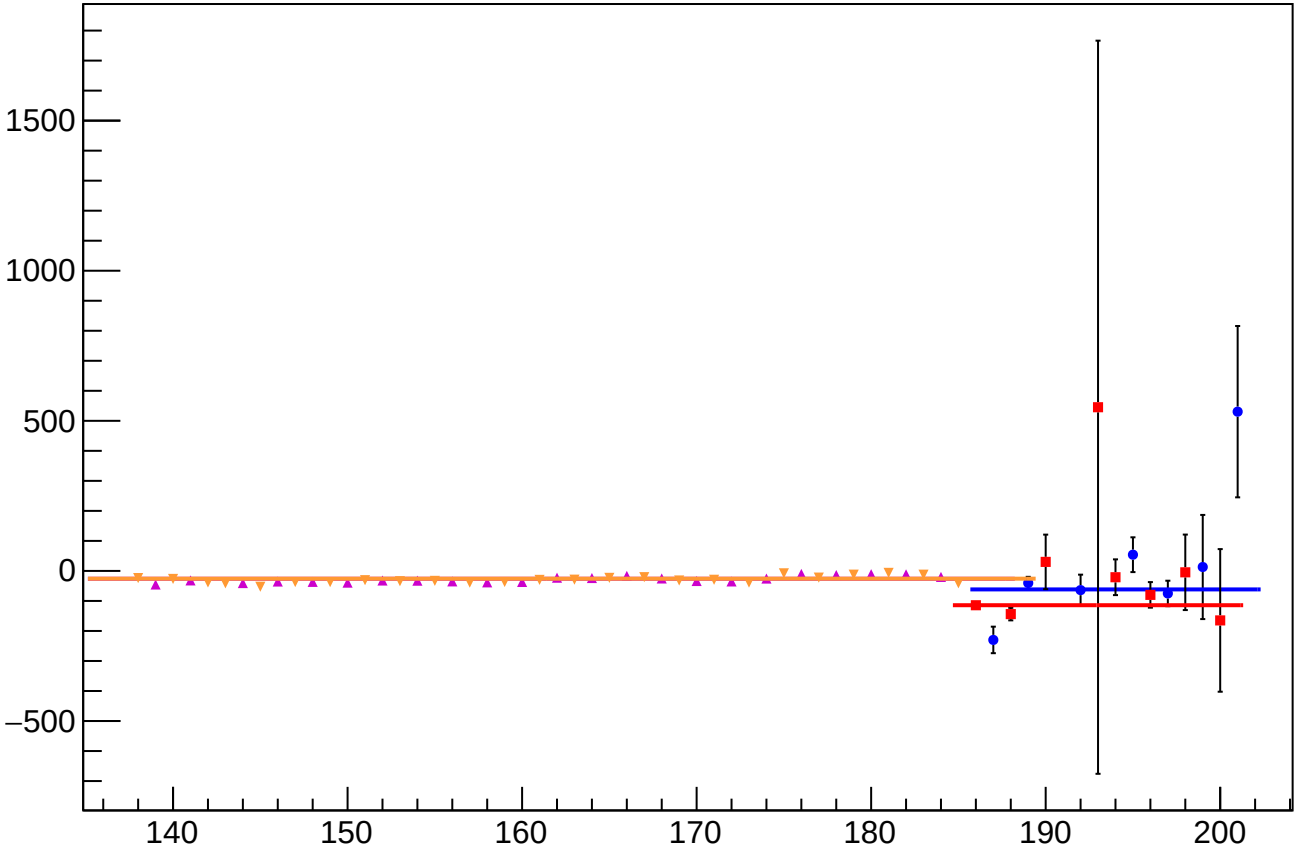
Right: -20.616+/-0.014 χ^2/NDF: 24484.4/49

In: -19.619+/-0.007 χ^2/NDF:69771.1/46

Out: -19.861+/-0.007 χ^2/NDF:102157.2/50

All: -19.740+/-0.005 χ^2/NDF: 172473.8/97

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.600+/-15.516 χ^2/NDF: 24.2/6

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -114.230+/-8.298 χ^2/NDF: 8.7/7

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

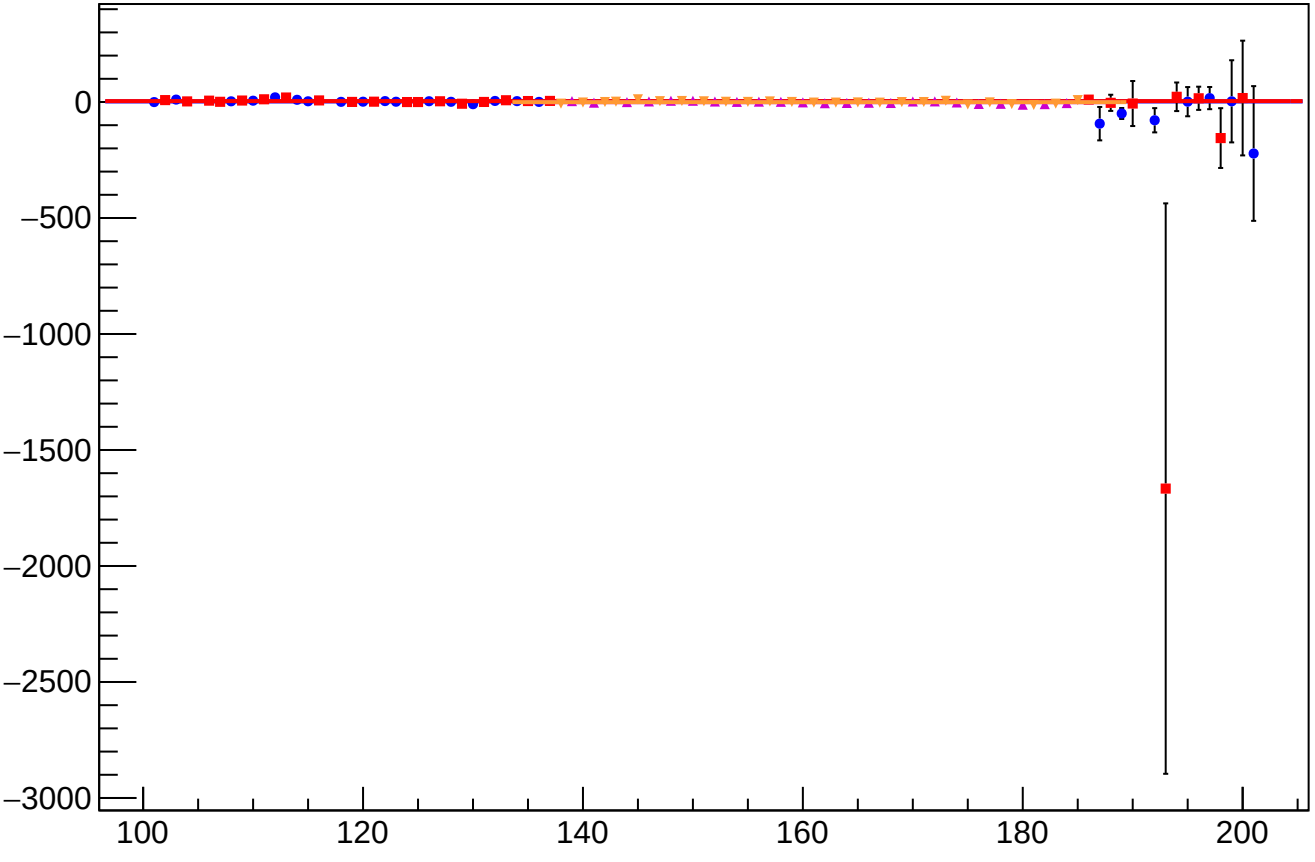
Right: -102.525+/-7.317 χ^2/NDF: 41.9/14

In: -26.206+/-0.194 χ^2/NDF:3374.0/29

Out: -25.862+/-0.192 χ^2/NDF:4216.8/32

All: -26.032+/-0.137 χ^2/NDF: 7592.4/62

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.434+/-0.311 χ^2/NDF: 303.1/23

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.862+/-0.327 χ^2/NDF: 272.8/25

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

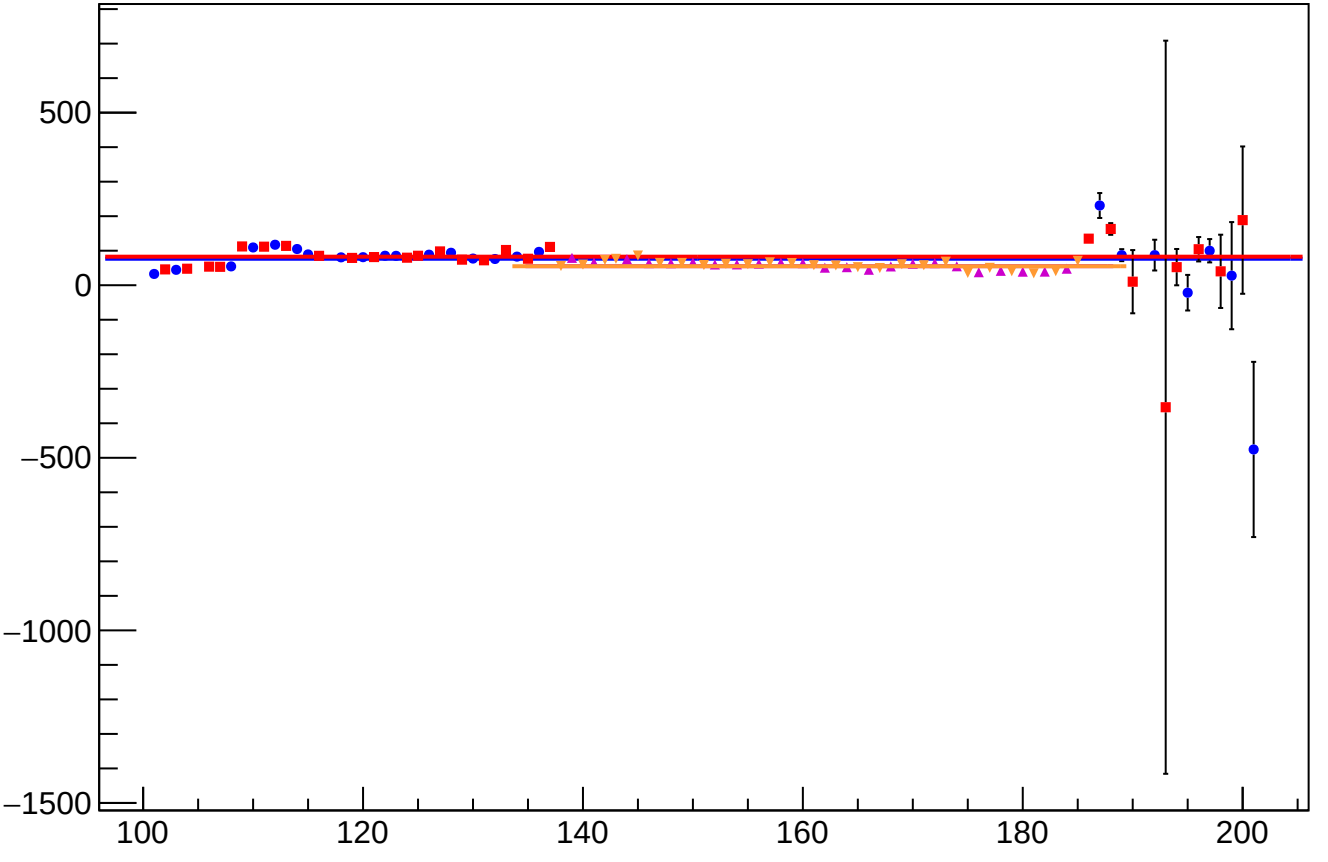
Right: 3.113+/-0.225 χ^2/NDF: 585.9/49

In: -0.167+/-0.135 χ^2/NDF:1500.7/46

Out: 0.127+/-0.134 χ^2/NDF:1733.0/50

All: -0.019+/-0.095 χ^2/NDF: 3236.1/97

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.730+/-0.573 χ^2/NDF: 2292.7/23

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.669+/-0.591 χ^2/NDF: 1622.4/25

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

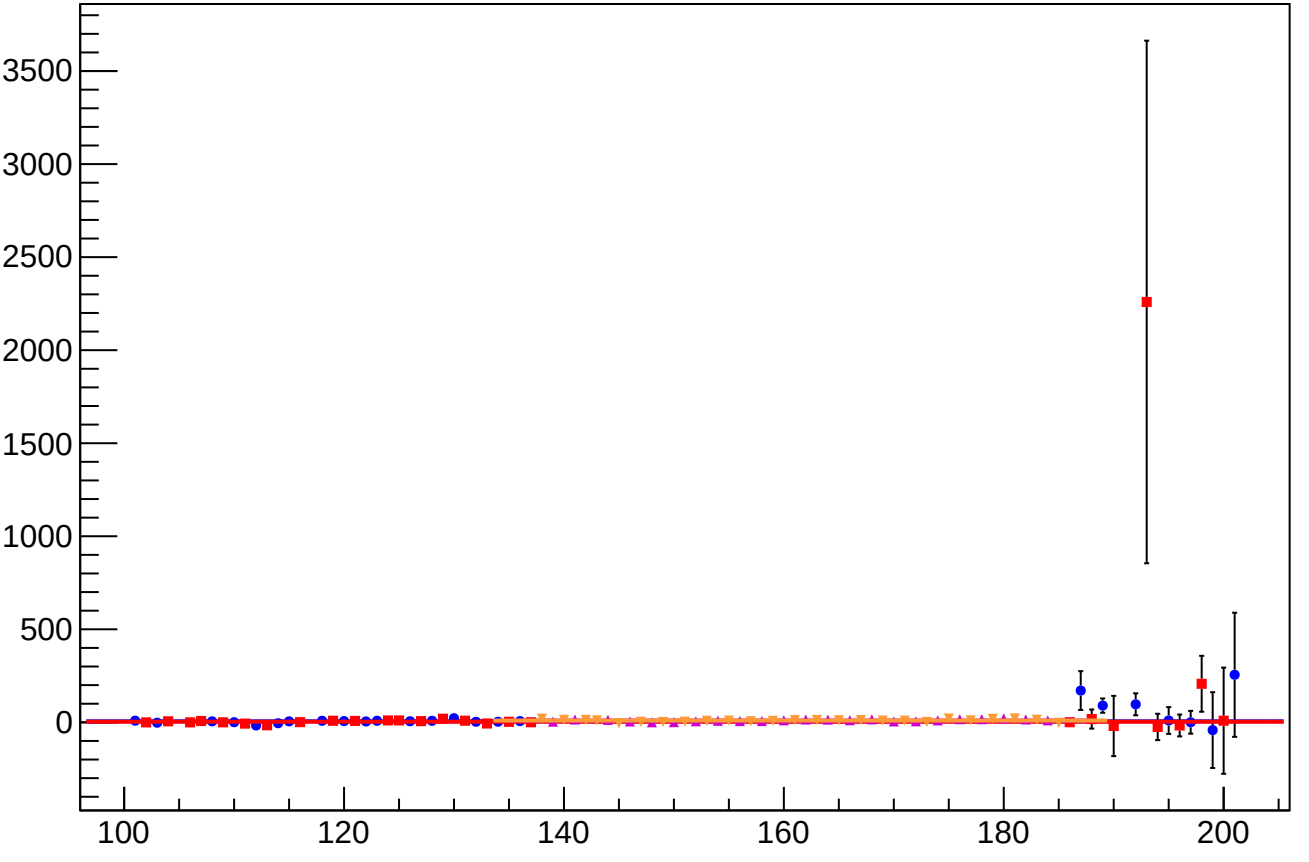
Right: 79.609+/-0.411 χ^2/NDF: 3967.1/49

In: 57.438+/-0.183 χ^2/NDF:7340.6/46

Out: 57.649+/-0.183 χ^2/NDF:8107.2/50

All: 57.544+/-0.129 χ^2/NDF: 15448.4/97

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.452+/-0.357 χ^2/NDF: 396.3/23

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.423+/-0.376 χ^2/NDF: 427.7/25

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

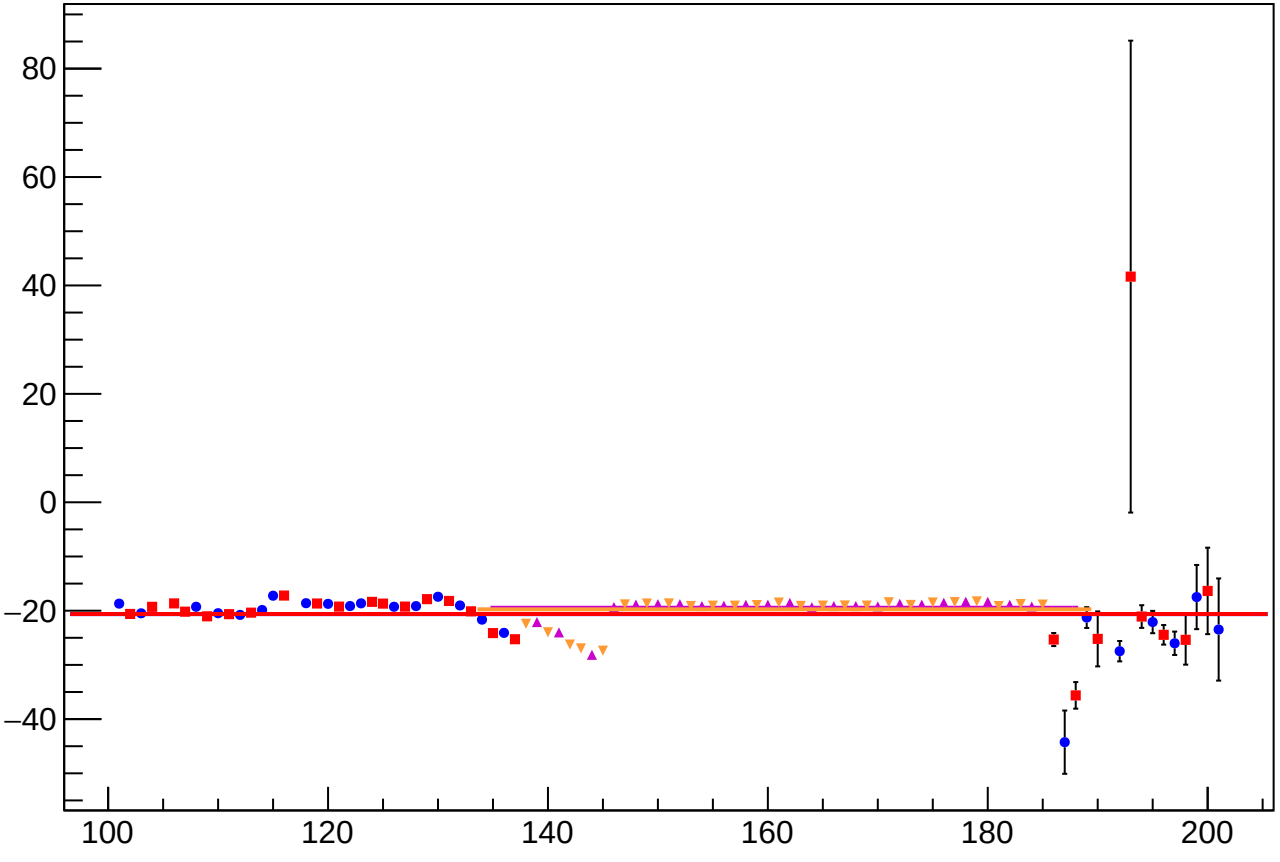
Right: 4.488+/-0.259 χ^2/NDF: 839.3/49

In: 8.913+/-0.155 χ^2/NDF:1709.6/46

Out: 8.643+/-0.154 χ^2/NDF:2099.9/50

All: 8.777+/-0.109 χ^2/NDF: 3811.0/97

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.633+/-0.019 χ^2/NDF: 12567.6/23

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11962.0/25

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

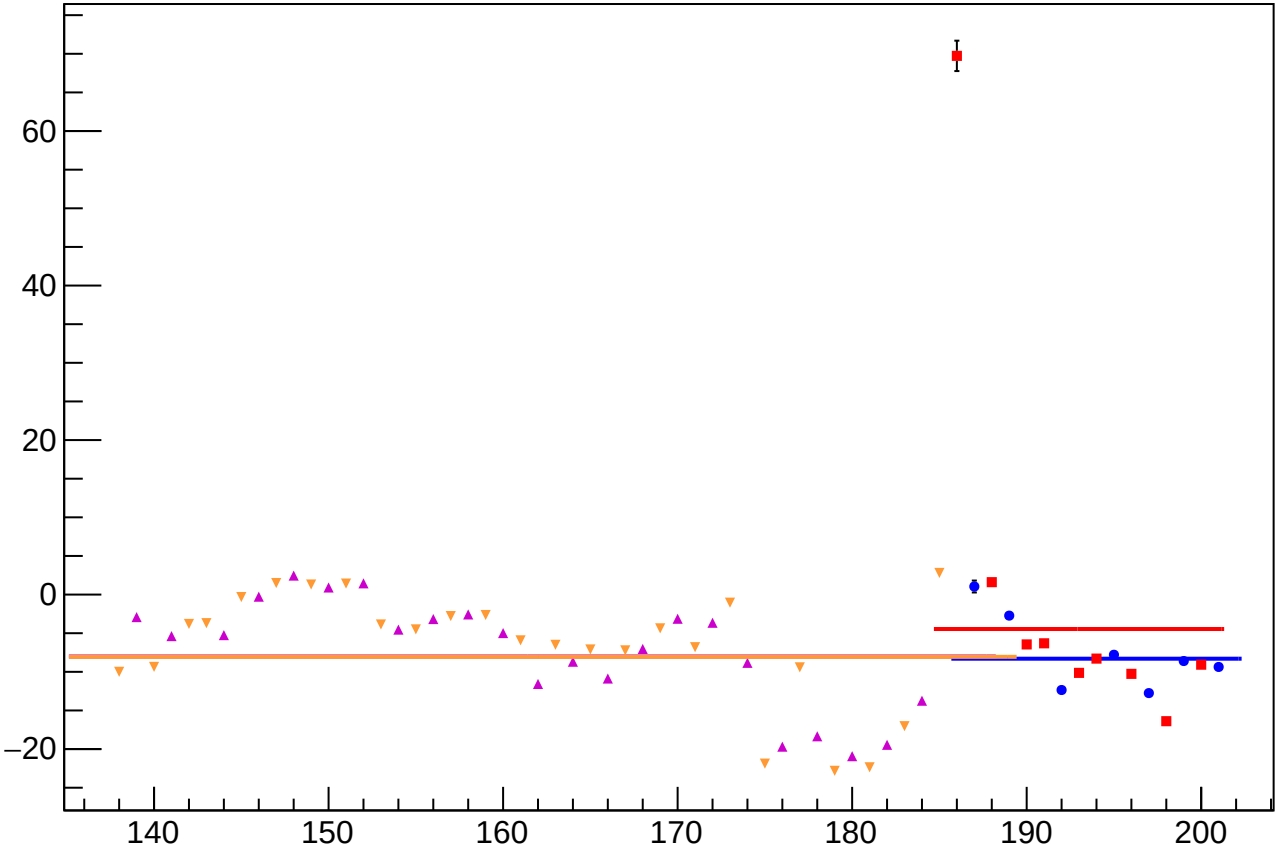
Right: -20.621+/-0.014 χ^2/NDF: 24530.4/49

In: -19.627+/-0.007 χ^2/NDF:69743.8/46

Out: -19.868+/-0.007 χ^2/NDF:102020.2/50

All: -19.748+/-0.005 χ^2/NDF: 172305.5/97

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.299+/-0.166 χ^2/NDF: 583.6/6

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -4.457+/-0.122 χ^2/NDF: 3824.7/8

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

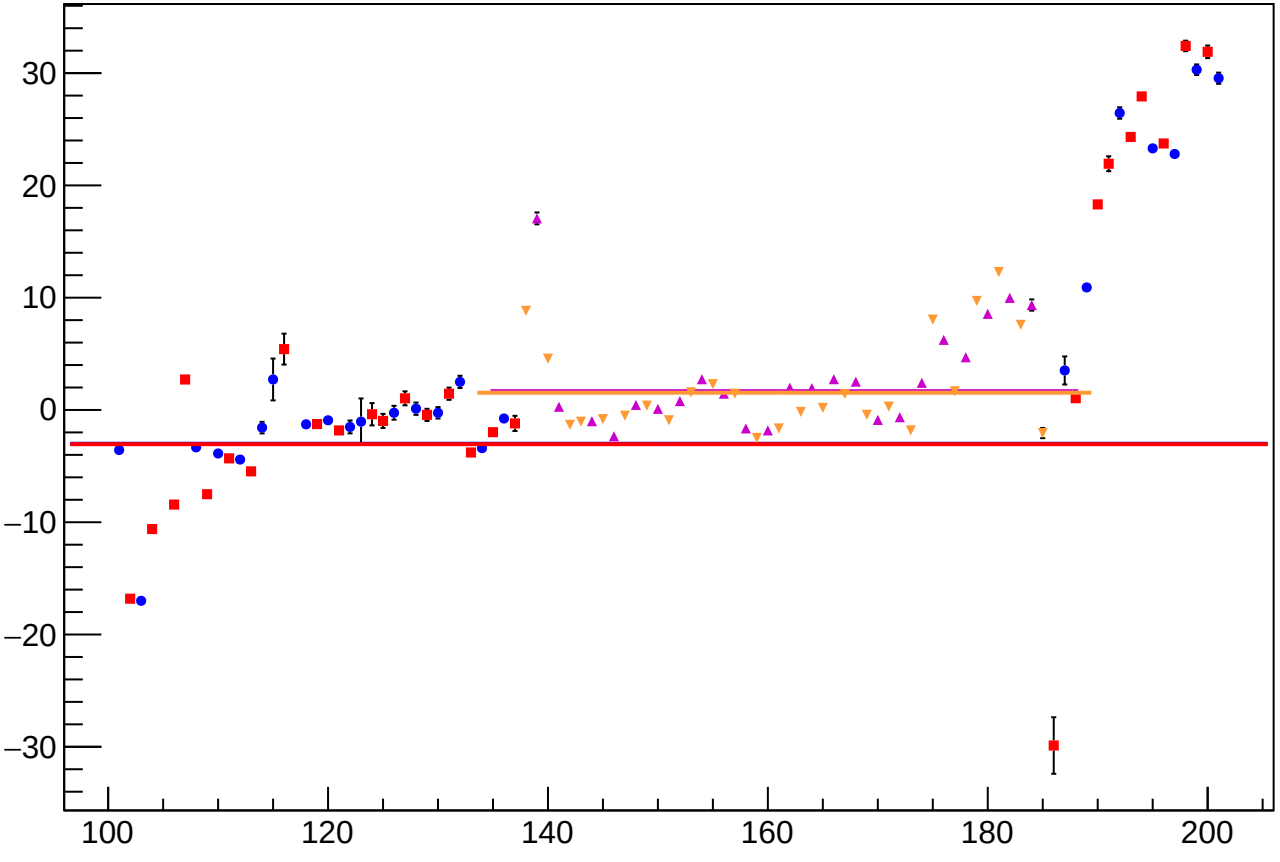
Right: -5.798+/-0.098 χ^2/NDF: 4757.0/15

In: -8.055+/-0.066 χ^2/NDF:11217.4/29

Out: -7.153+/-0.061 χ^2/NDF:17013.8/33

All: -7.571+/-0.045 χ^2/NDF: 28332.6/63

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.011+/-0.052 χ^2/NDF: 33335.7/23

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -3.047+/-0.055 χ^2/NDF: 43883.1/26

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

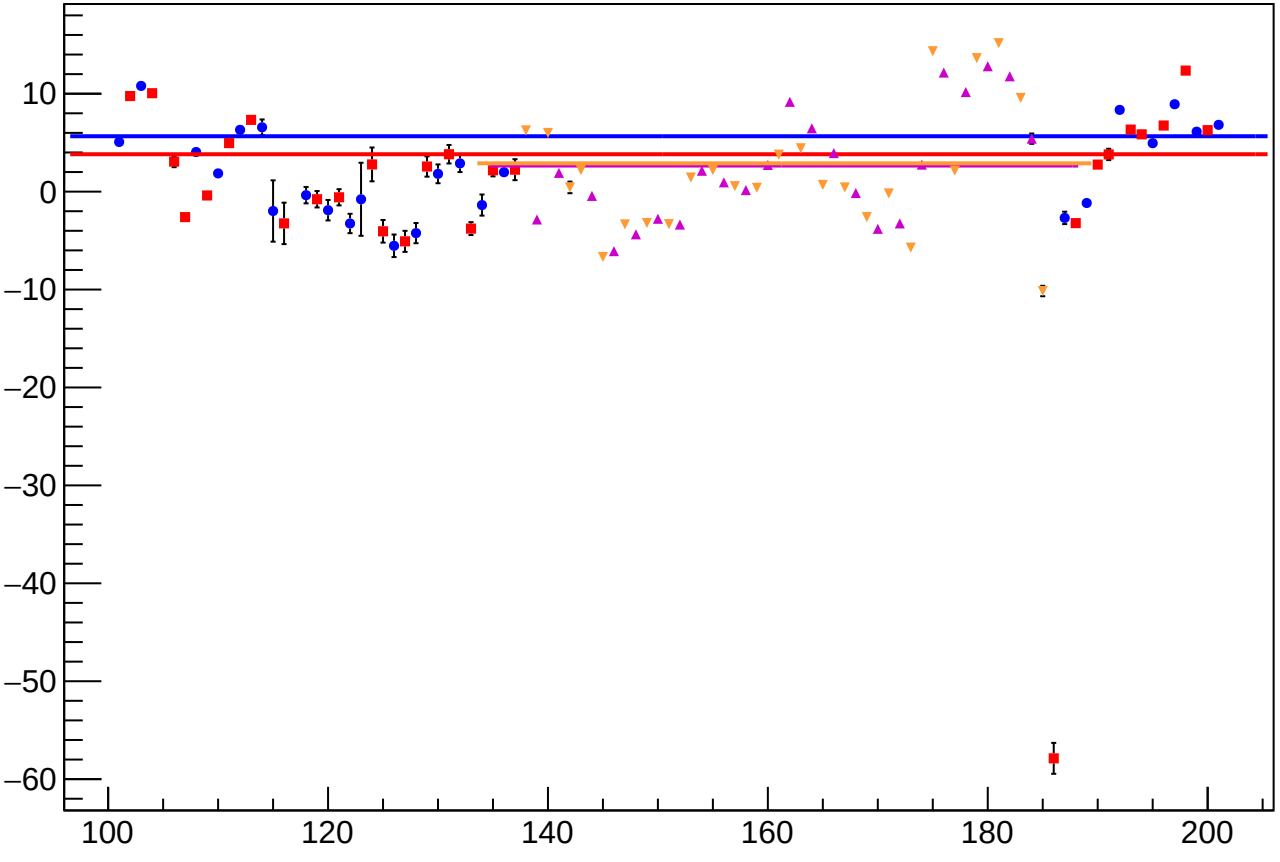
Right: -3.028+/-0.038 χ^2/NDF: 77219.1/50

In: -0.844+/-0.038 χ^2/NDF:41147.0/46

Out: -0.721+/-0.039 χ^2/NDF:52181.2/51

All: -0.783+/-0.027 χ^2/NDF: 93333.2/98

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.657+/-0.076 χ^2/NDF: 2175.2/23

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.818+/-0.071 χ^2/NDF: 7301.8/26

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

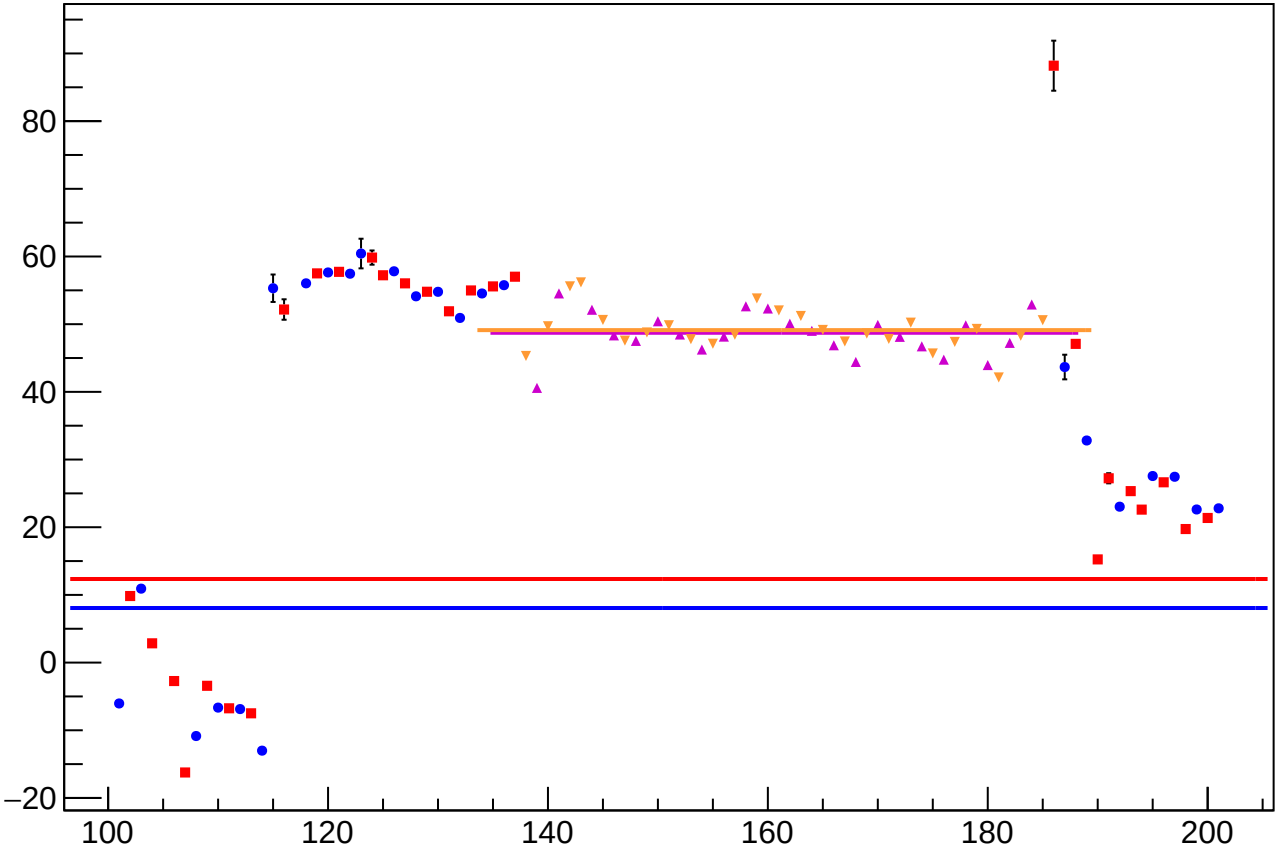
Right: 4.668+/-0.052 χ^2/NDF: 9790.0/50

In: 4.055+/-0.052 χ^2/NDF:10309.7/46

Out: 3.353+/-0.050 χ^2/NDF:16277.5/51

All: 3.690+/-0.036 χ^2/NDF: 26682.3/98

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.065+/-0.062 χ^2/NDF: 131557.4/23

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.351+/-0.066 χ^2/NDF: 133745.1/26

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

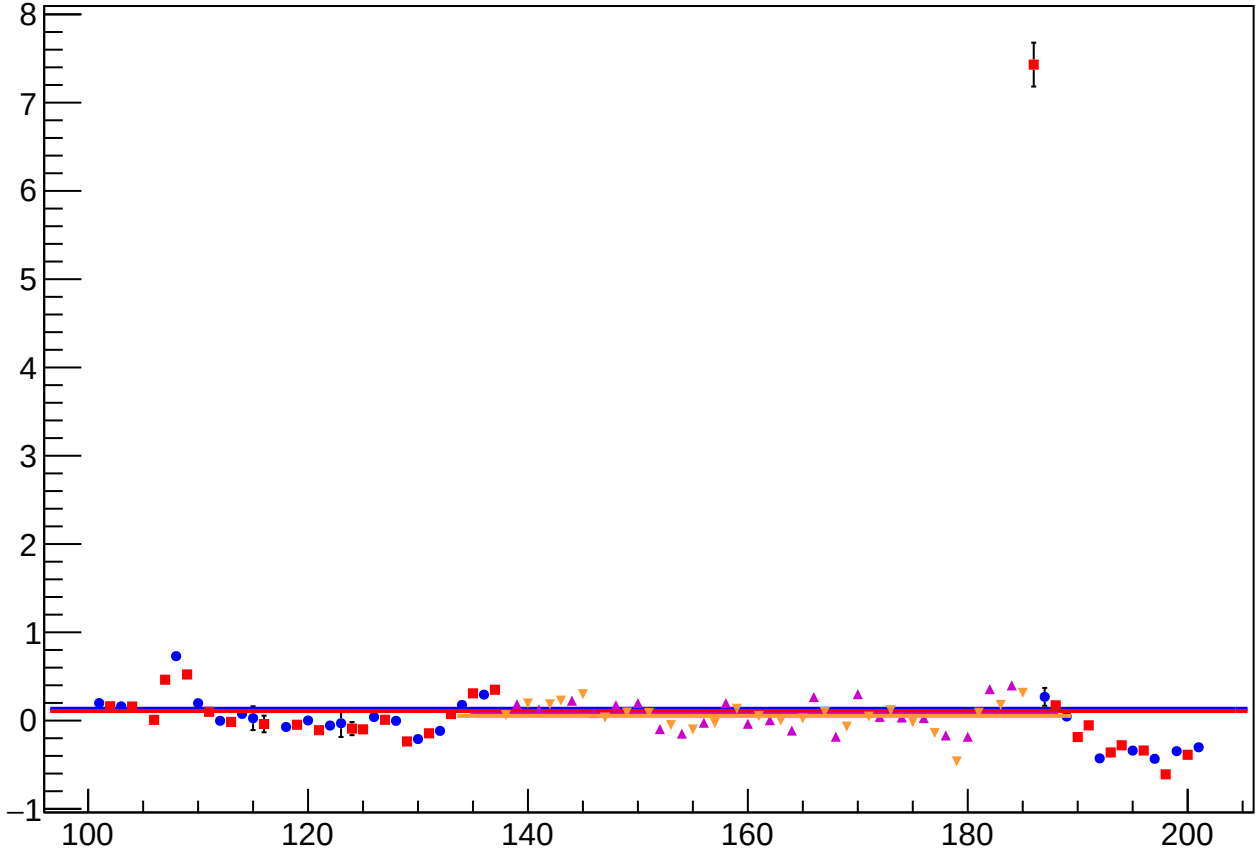
Right: 10.073+/-0.045 χ^2/NDF: 267543.7/50

In: 27.888+/-0.044 χ^2/NDF:343507.2/46

Out: 31.919+/-0.045 χ^2/NDF:301084.4/51

All: 29.869+/-0.032 χ^2/NDF: 648648.3/98

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.134+/-0.003 χ^2/NDF: 10106.3/23

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.108+/-0.002 χ^2/NDF: 10154.0/26

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

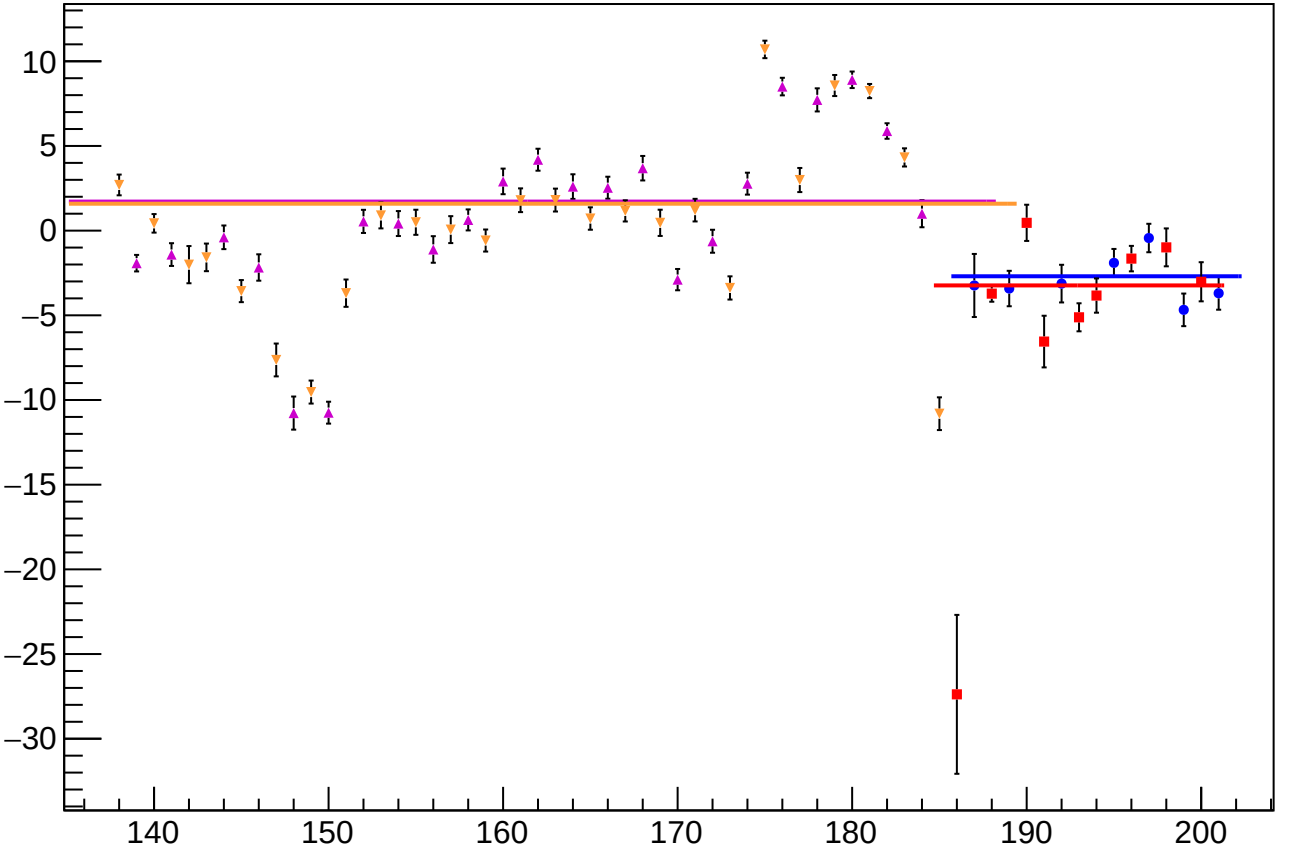
Right: 0.121+/-0.002 χ^2/NDF: 20312.4/50

In: 0.106+/-0.002 χ^2/NDF:13641.2/46

Out: 0.084+/-0.002 χ^2/NDF:12734.3/51

All: 0.095+/-0.001 χ^2/NDF: 26443.2/98

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.695+/-0.377 χ^2/NDF: 14.2/6

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.234+/-0.295 χ^2/NDF: 58.2/8

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

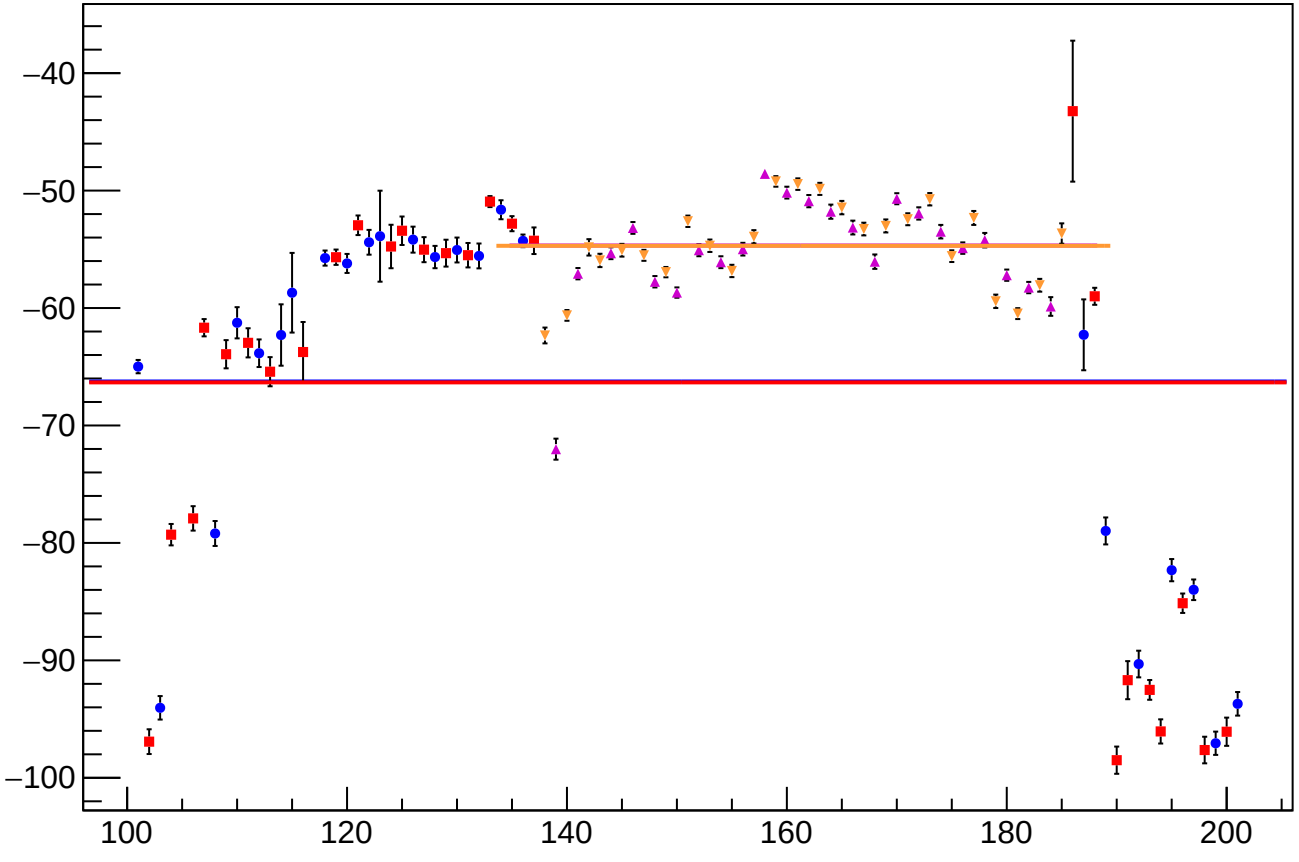
Right: -3.029+/-0.232 χ^2/NDF: 73.7/15

In: 1.219+/-0.126 χ^2/NDF:1449.3/29

Out: 0.775+/-0.121 χ^2/NDF:1738.0/33

All: 0.988+/-0.087 χ^2/NDF: 3193.8/63

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -66.255+/-0.195 χ^2/NDF: 5772.5/23

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -66.331+/-0.181 χ^2/NDF: 8675.8/26

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

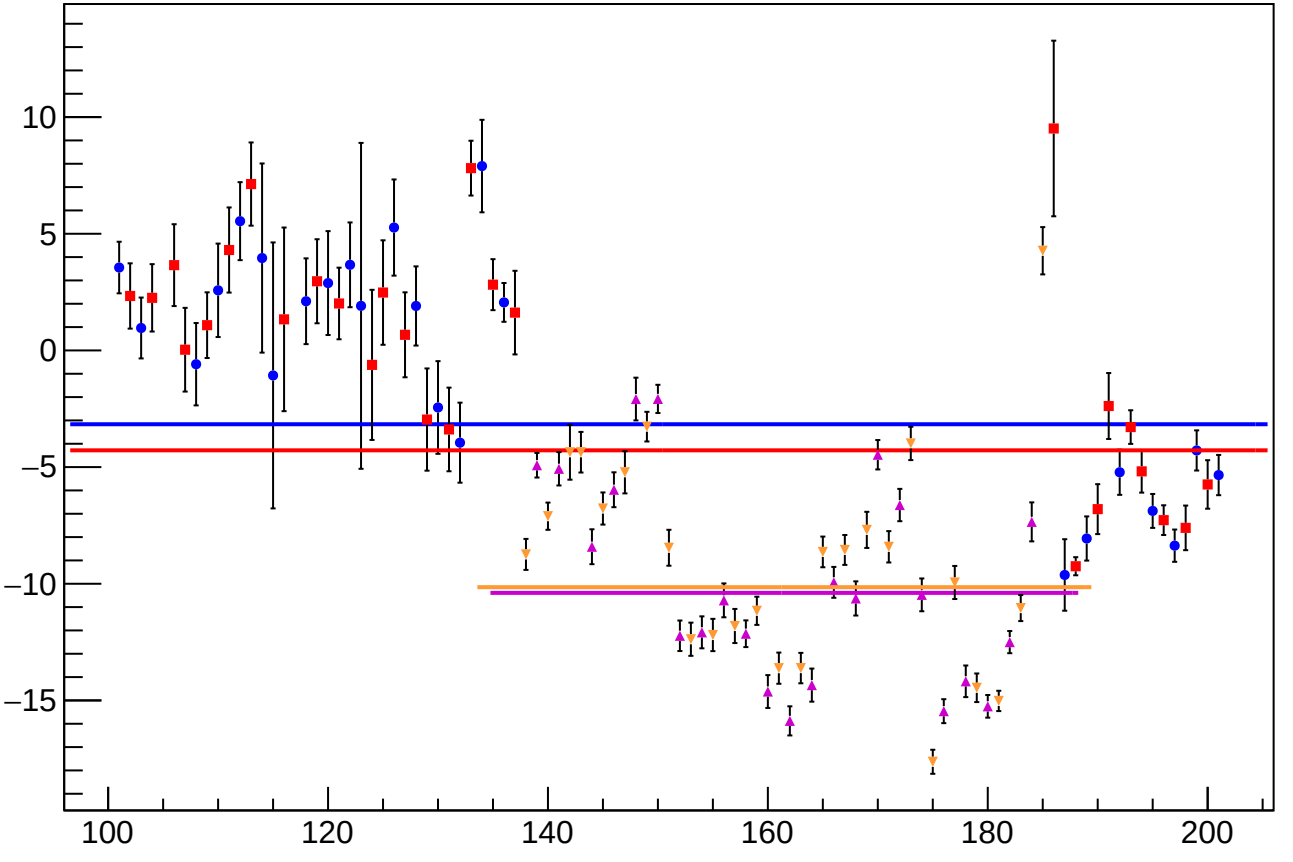
Right: -66.296+/-0.133 χ^2/NDF: 14448.3/50

In: -57.442+/-0.096 χ^2/NDF:9584.9/46

Out: -57.665+/-0.091 χ^2/NDF:12869.3/51

All: -57.558+/-0.066 χ^2/NDF: 22457.1/98

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.163+/-0.255 χ^2/NDF: 354.4/23

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.282+/-0.212 χ^2/NDF: 583.6/26

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

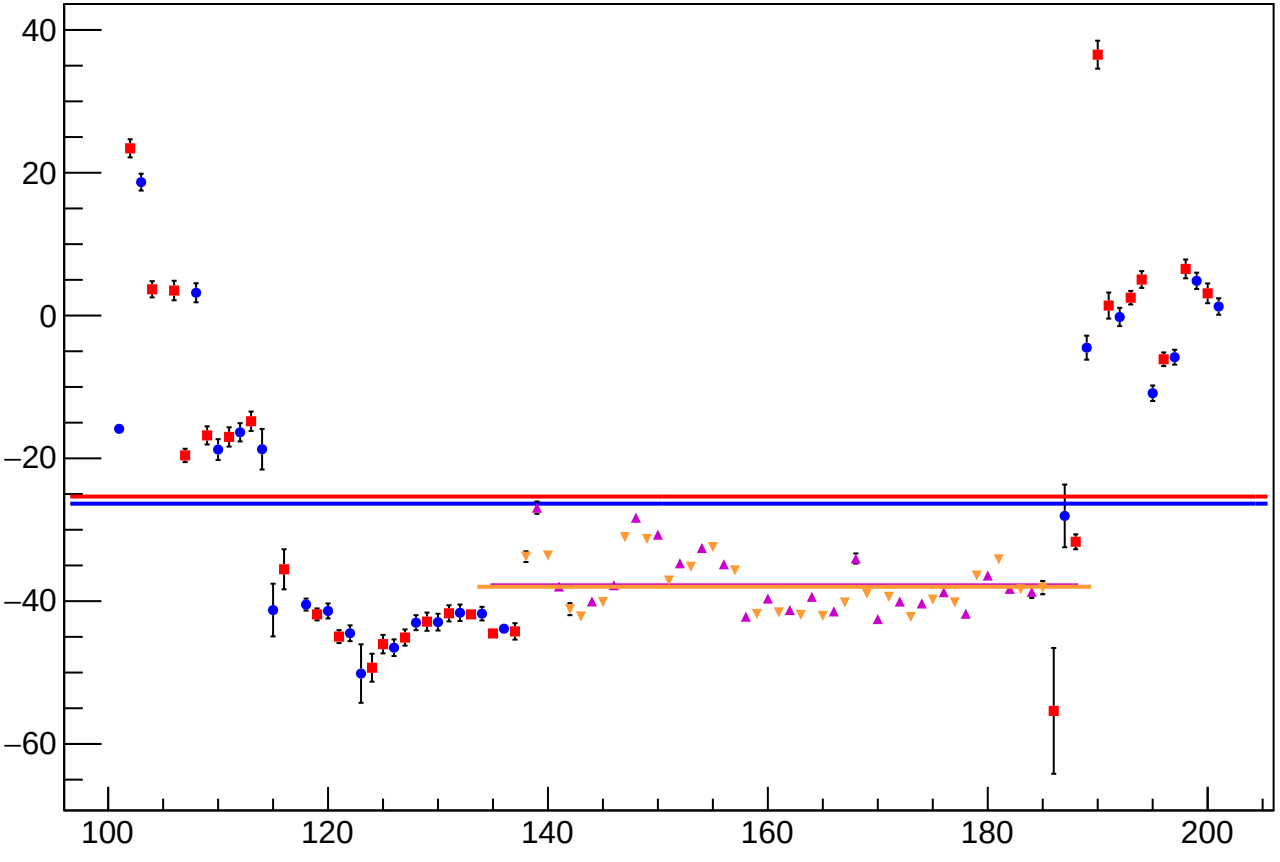
Right: -3.824+/-0.163 χ^2/NDF: 949.3/50

In: -8.829+/-0.118 χ^2/NDF:2010.2/46

Out: -8.489+/-0.113 χ^2/NDF:2183.8/51

All: -8.650+/-0.082 χ^2/NDF: 4198.3/98

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.345+/-0.225 χ^2/NDF: 7813.0/23

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -25.350+/-0.212 χ^2/NDF: 10879.5/26

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

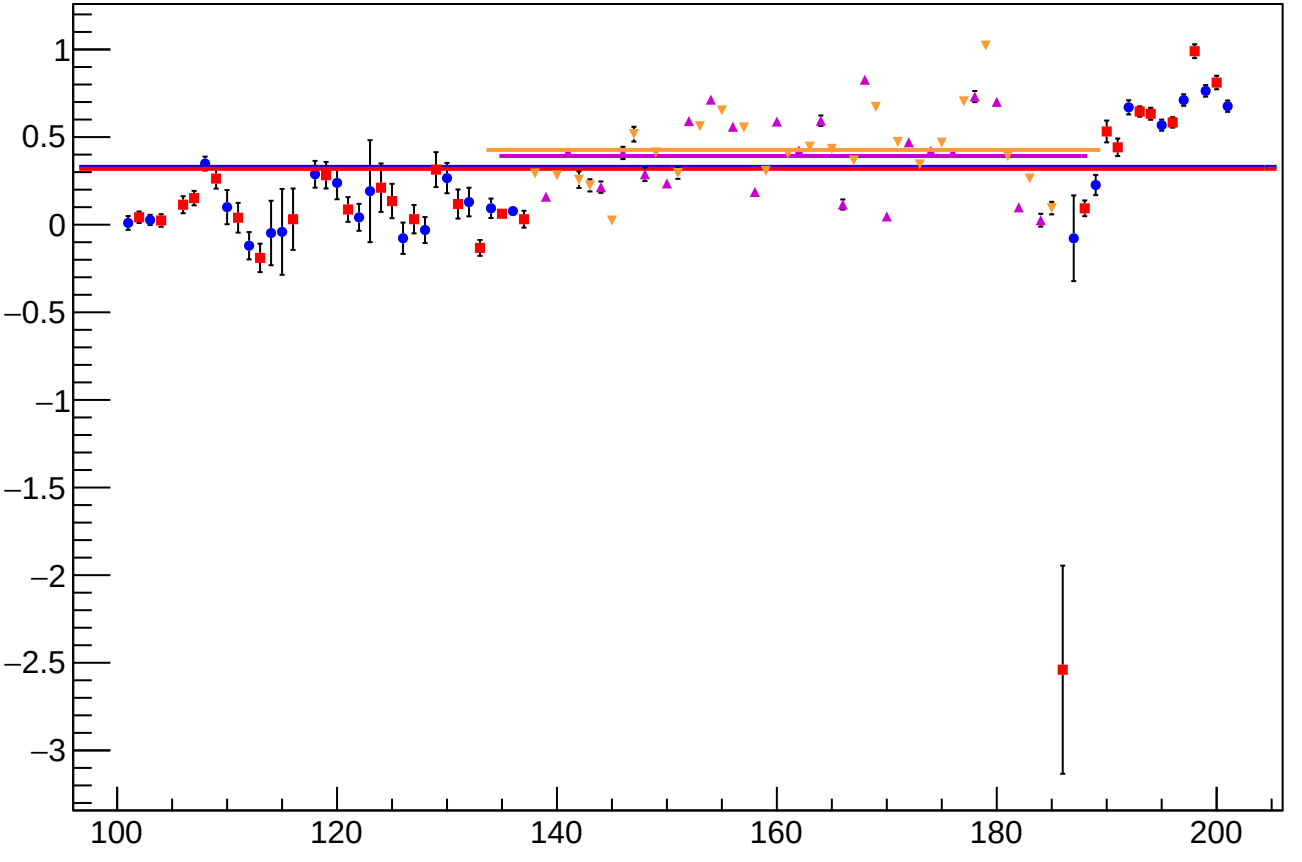
Right: -25.819+/-0.154 χ^2/NDF: 18702.9/50

In: -35.183+/-0.107 χ^2/NDF:10895.2/46

Out: -34.960+/-0.104 χ^2/NDF:14513.2/51

All: -35.068+/-0.075 χ^2/NDF: 25410.6/98

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.330+/-0.010 χ^2/NDF: 986.7/23

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.319+/-0.009 χ^2/NDF: 1296.7/26

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

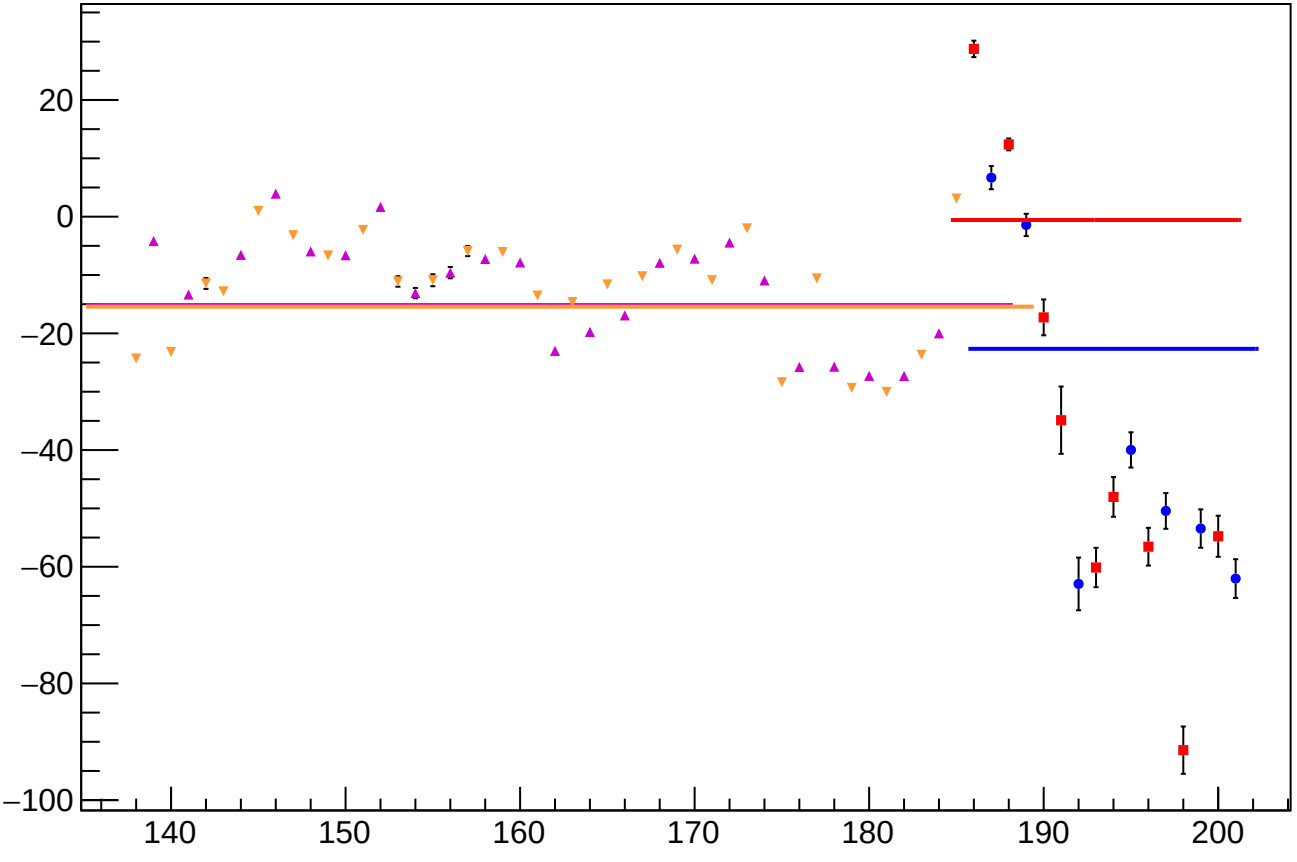
Right: 0.324+/-0.007 χ^2/NDF: 2284.1/50

In: 0.377+/-0.005 χ^2/NDF:2853.9/46

Out: 0.399+/-0.005 χ^2/NDF:2695.6/51

All: 0.388+/-0.003 χ^2/NDF: 5560.2/98

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.649+/-1.013 χ^2/NDF: 764.3/6

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: -0.573+/-0.703 χ^2/NDF: 2206.9/8

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

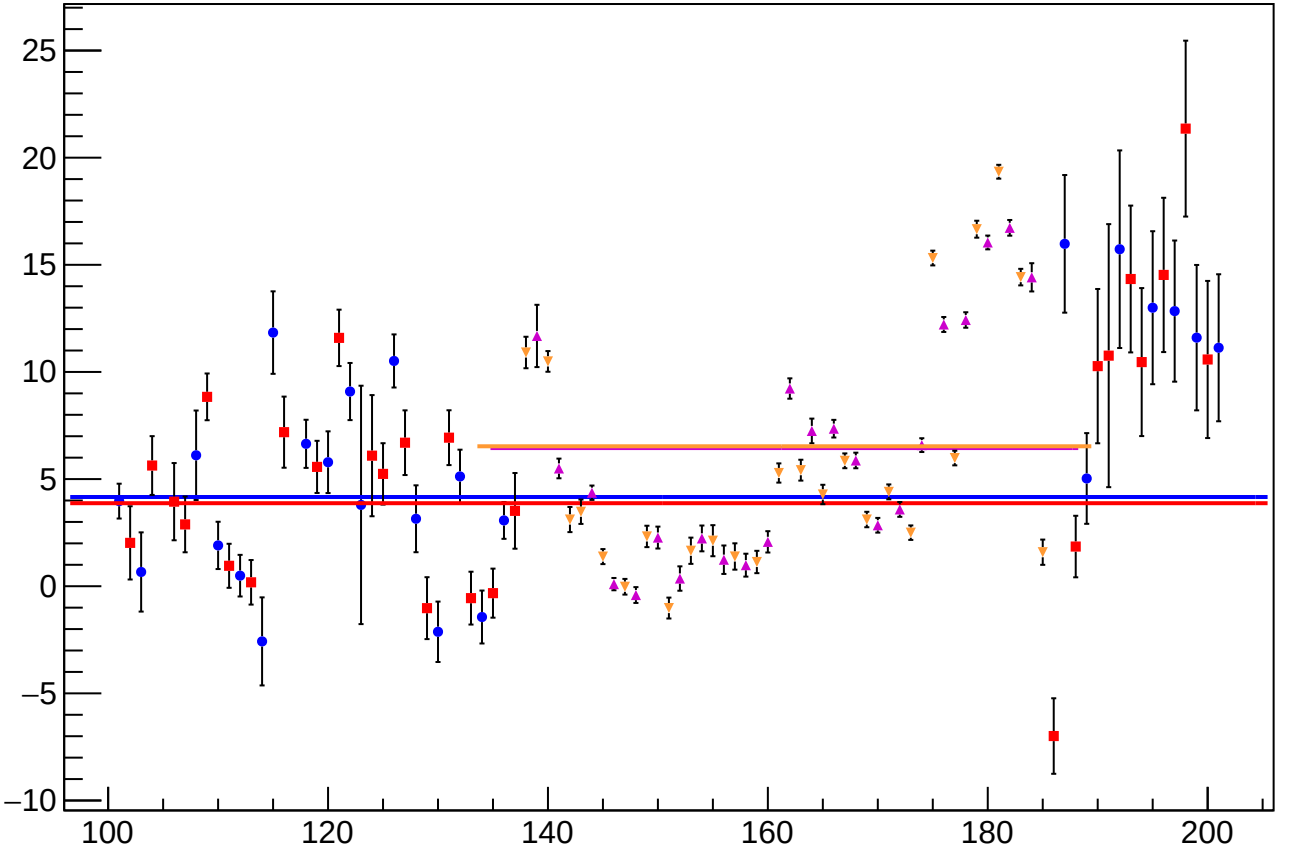
Right: -7.746+/-0.577 χ^2/NDF: 3292.0/15

In: -15.233+/-0.106 χ^2/NDF:9562.9/29

Out: -15.101+/-0.104 χ^2/NDF:13143.7/33

All: -15.166+/-0.074 χ^2/NDF: 22707.3/63

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.164+/-0.299 χ^2/NDF: 180.8/23

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.875+/-0.298 χ^2/NDF: 221.3/26

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

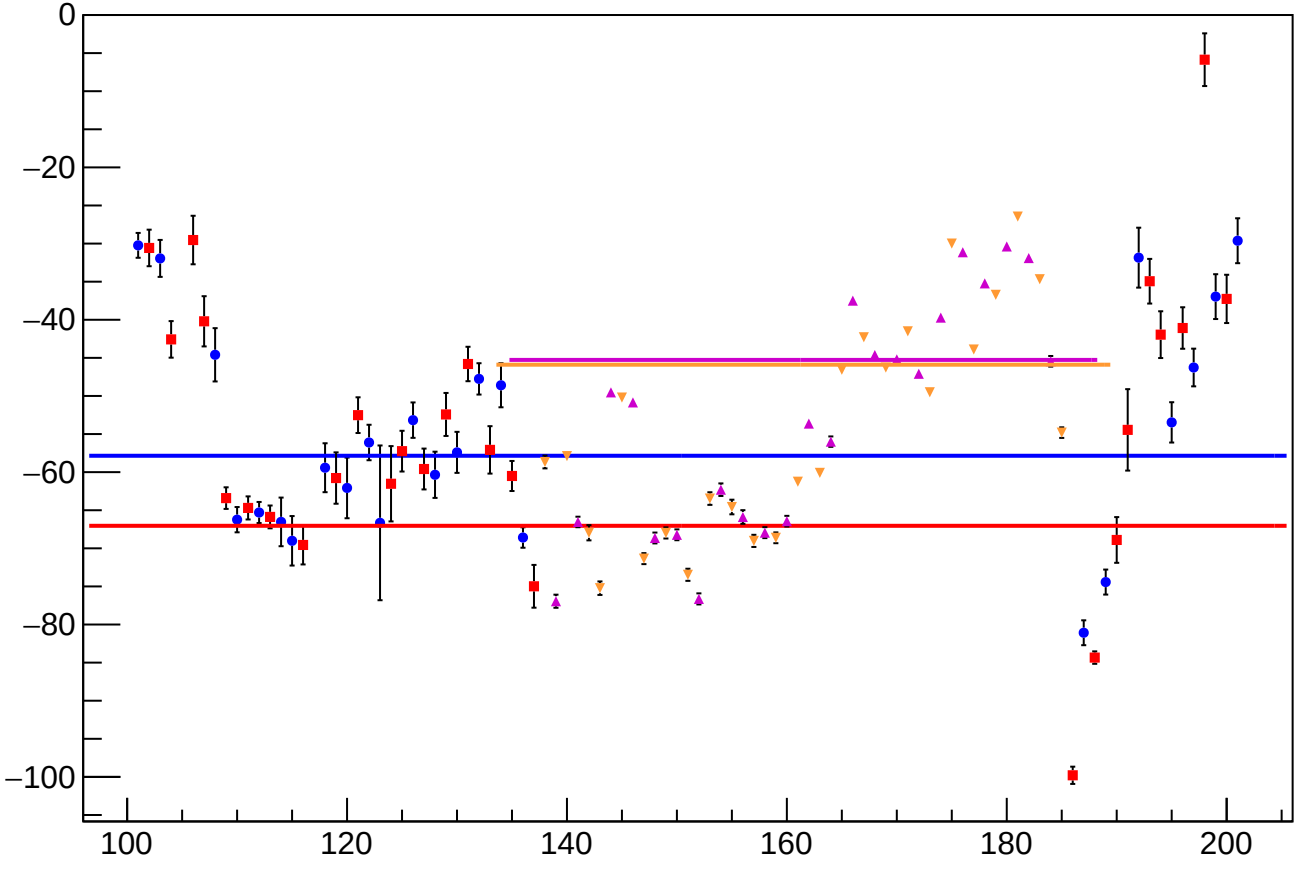
Right: 4.019+/-0.211 χ^2/NDF: 402.6/50

In: 6.274+/-0.082 χ^2/NDF:4190.5/46

Out: 6.328+/-0.082 χ^2/NDF:5264.3/51

All: 6.301+/-0.058 χ^2/NDF: 9455.0/98

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -57.849+/-0.459 χ^2/NDF: 1109.6/23

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -67.043+/-0.394 χ^2/NDF: 2729.0/26

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

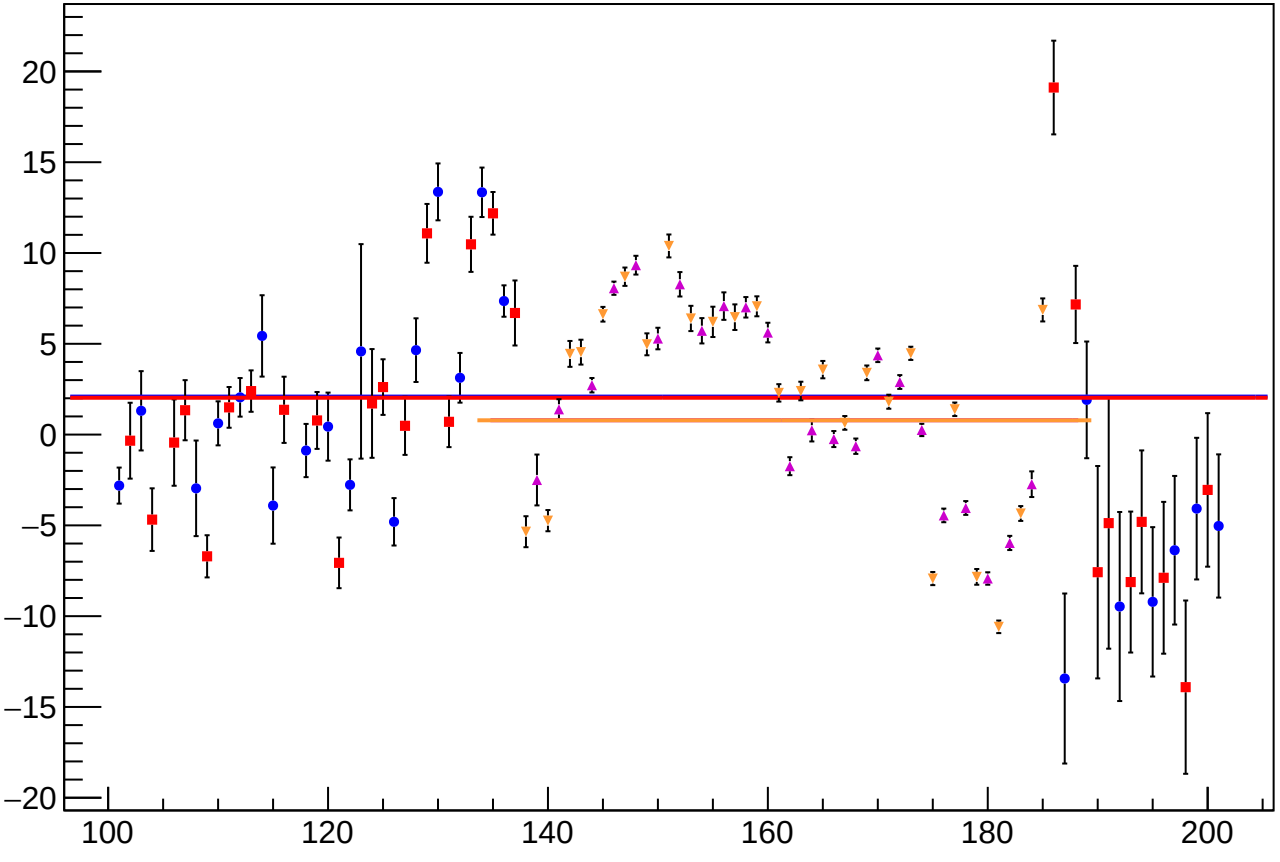
Right: -63.137+/-0.299 χ^2/NDF: 4069.6/50

In: -45.914+/-0.104 χ^2/NDF:17598.9/46

Out: -47.332+/-0.103 χ^2/NDF:22544.8/51

All: -46.632+/-0.073 χ^2/NDF: 40237.8/98

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.092+/-0.337 χ^2/NDF: 278.3/23

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.029+/-0.340 χ^2/NDF: 345.2/26

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

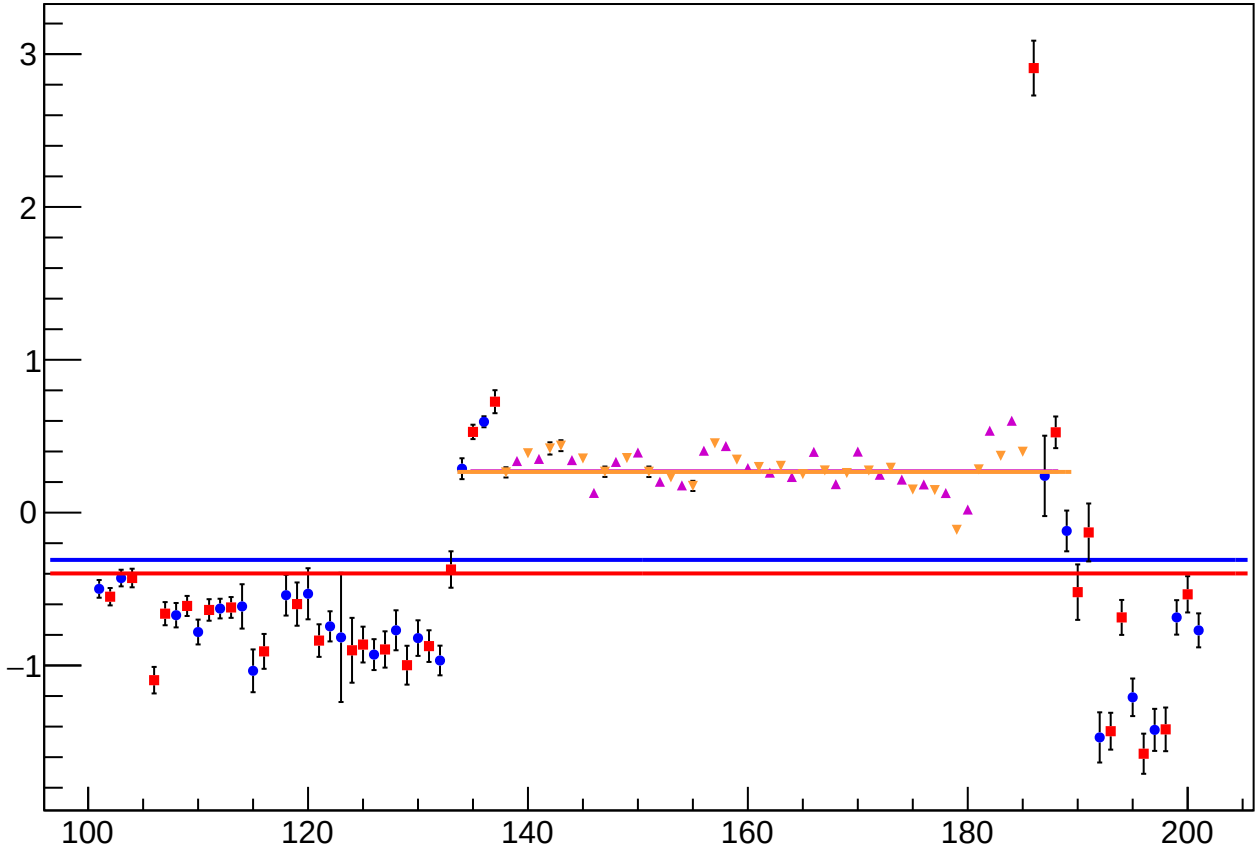
Right: 2.061+/-0.239 χ^2/NDF: 623.5/50

In: 0.889+/-0.093 χ^2/NDF:2989.8/46

Out: 0.878+/-0.092 χ^2/NDF:4104.2/51

All: 0.883+/-0.065 χ^2/NDF: 7094.0/98

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.309+/-0.018 χ^2/NDF: 1177.7/23

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.398+/-0.017 χ^2/NDF: 1482.0/26

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

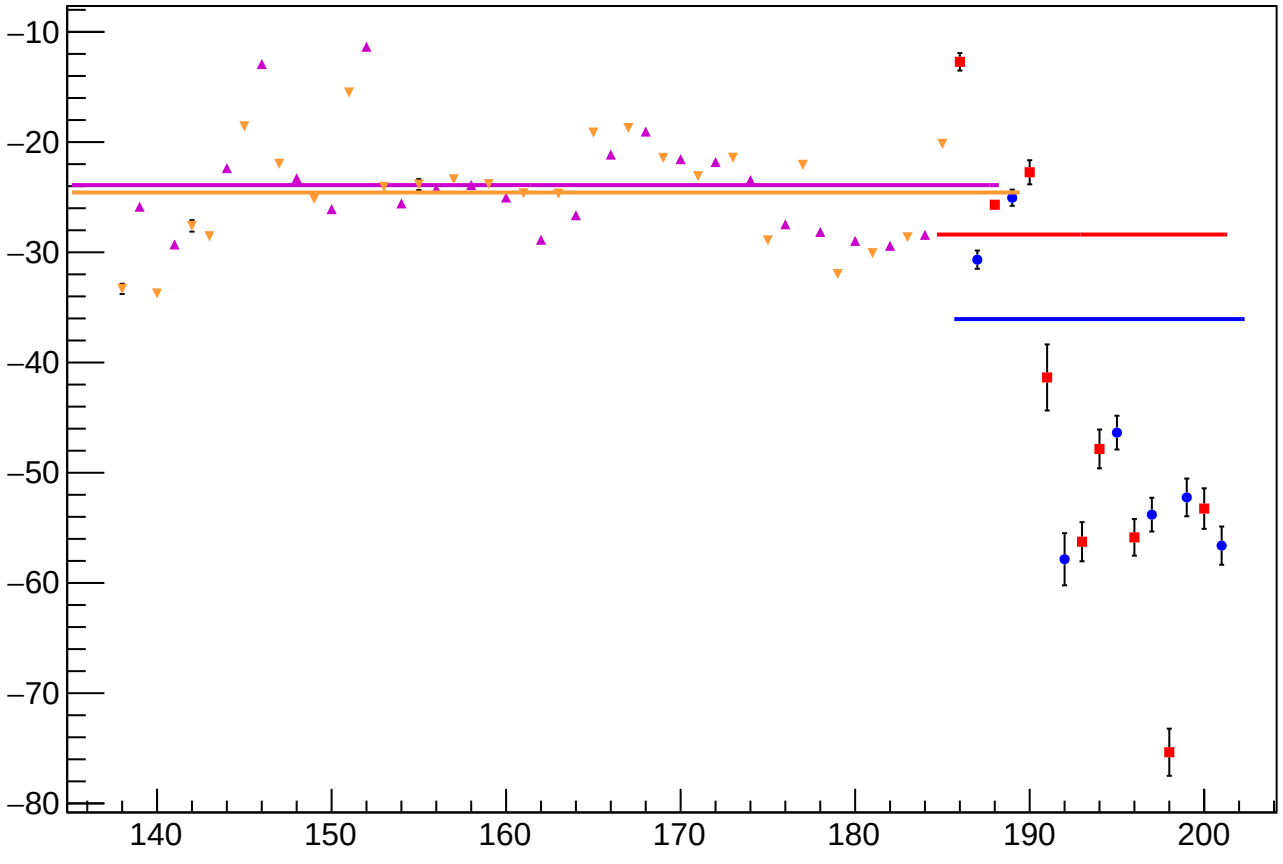
Right: -0.354+/-0.012 χ^2/NDF: 2672.4/50

In: 0.236+/-0.004 χ^2/NDF:3161.8/46

Out: 0.227+/-0.004 χ^2/NDF:3540.5/51

All: 0.232+/-0.003 χ^2/NDF: 6704.7/98

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.058+/-0.447 χ^2/NDF: 761.3/6

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -28.387+/-0.325 χ^2/NDF: 1782.5/8

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

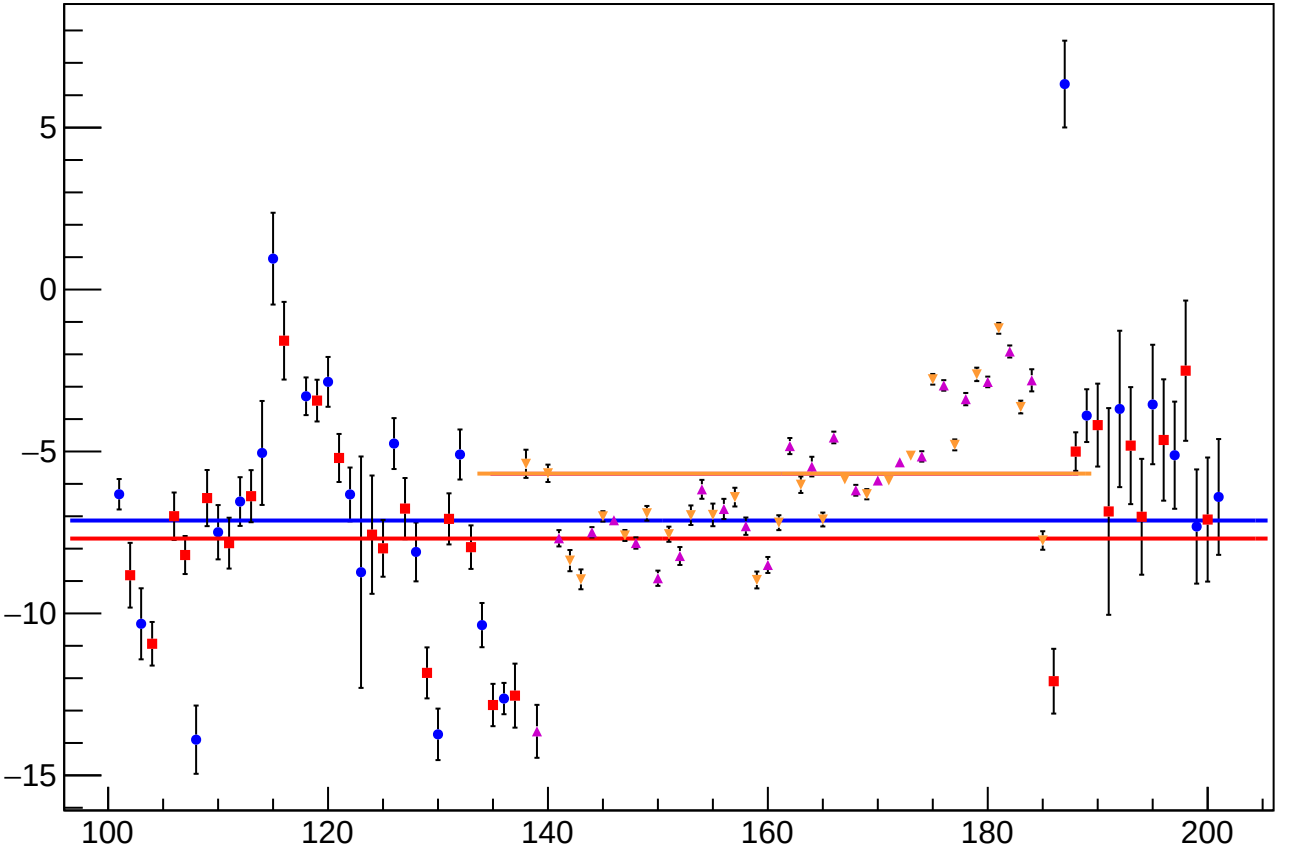
Right: -31.049+/-0.263 χ^2/NDF: 2736.5/15

In: -24.058+/-0.051 χ^2/NDF:10651.9/29

Out: -24.662+/-0.050 χ^2/NDF:10526.6/33

All: -24.361+/-0.036 χ^2/NDF: 21250.4/63

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.132+/-0.175 χ^2/NDF: 525.7/23

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.689+/-0.169 χ^2/NDF: 285.8/26

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

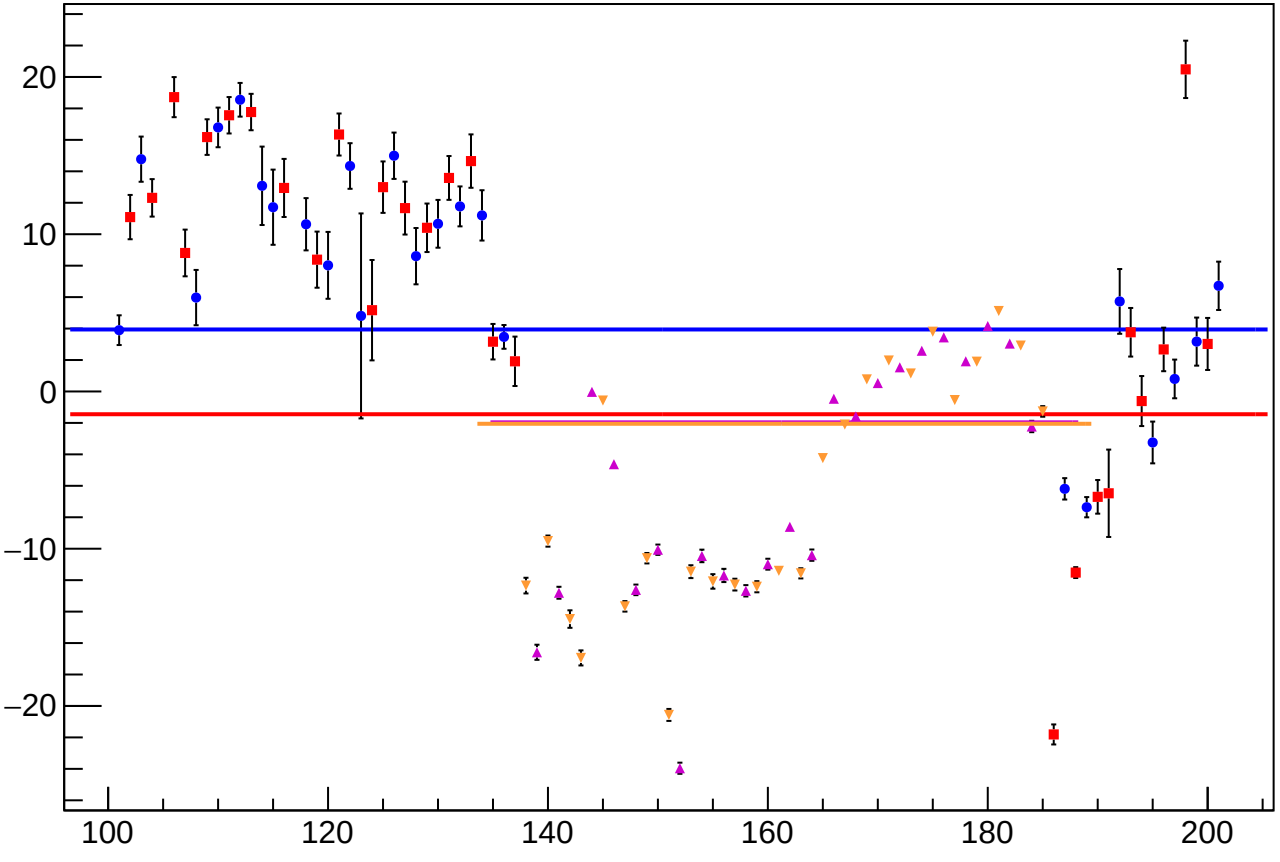
Right: -7.420+/-0.122 χ^2/NDF: 816.8/50

In: -5.763+/-0.040 χ^2/NDF:2918.2/46

Out: -5.794+/-0.040 χ^2/NDF:2649.2/51

All: -5.779+/-0.028 χ^2/NDF: 5567.6/98

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.942+/-0.252 χ^2/NDF: 1155.3/23

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.448+/-0.209 χ^2/NDF: 4063.4/26

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

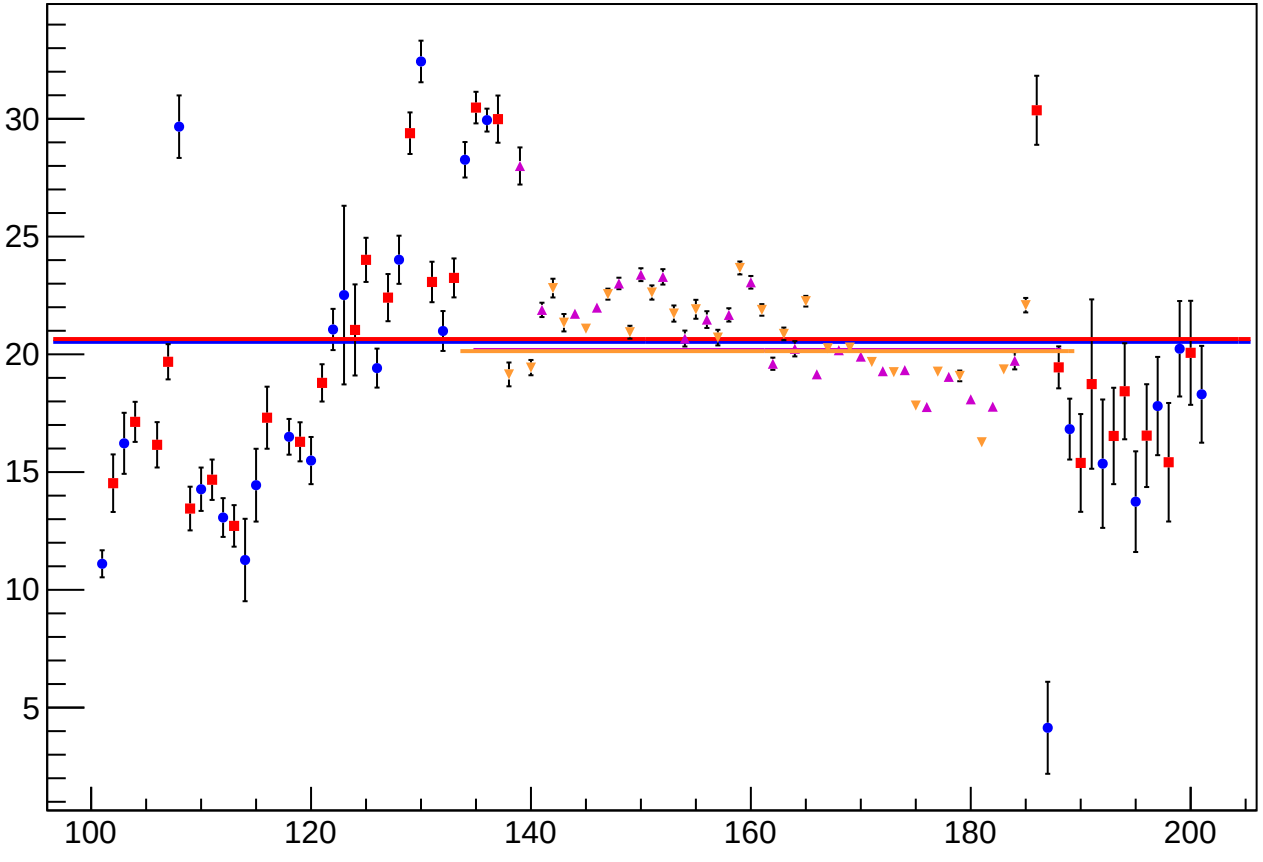
Right: 0.749+/-0.161 χ^2/NDF: 5489.1/50

In: -1.731+/-0.050 χ^2/NDF:17174.4/46

Out: -2.020+/-0.050 χ^2/NDF:20113.8/51

All: -1.876+/-0.035 χ^2/NDF: 37305.1/98

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.530+/-0.201 χ^2/NDF: 1325.0/23

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.649+/-0.199 χ^2/NDF: 794.1/26

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

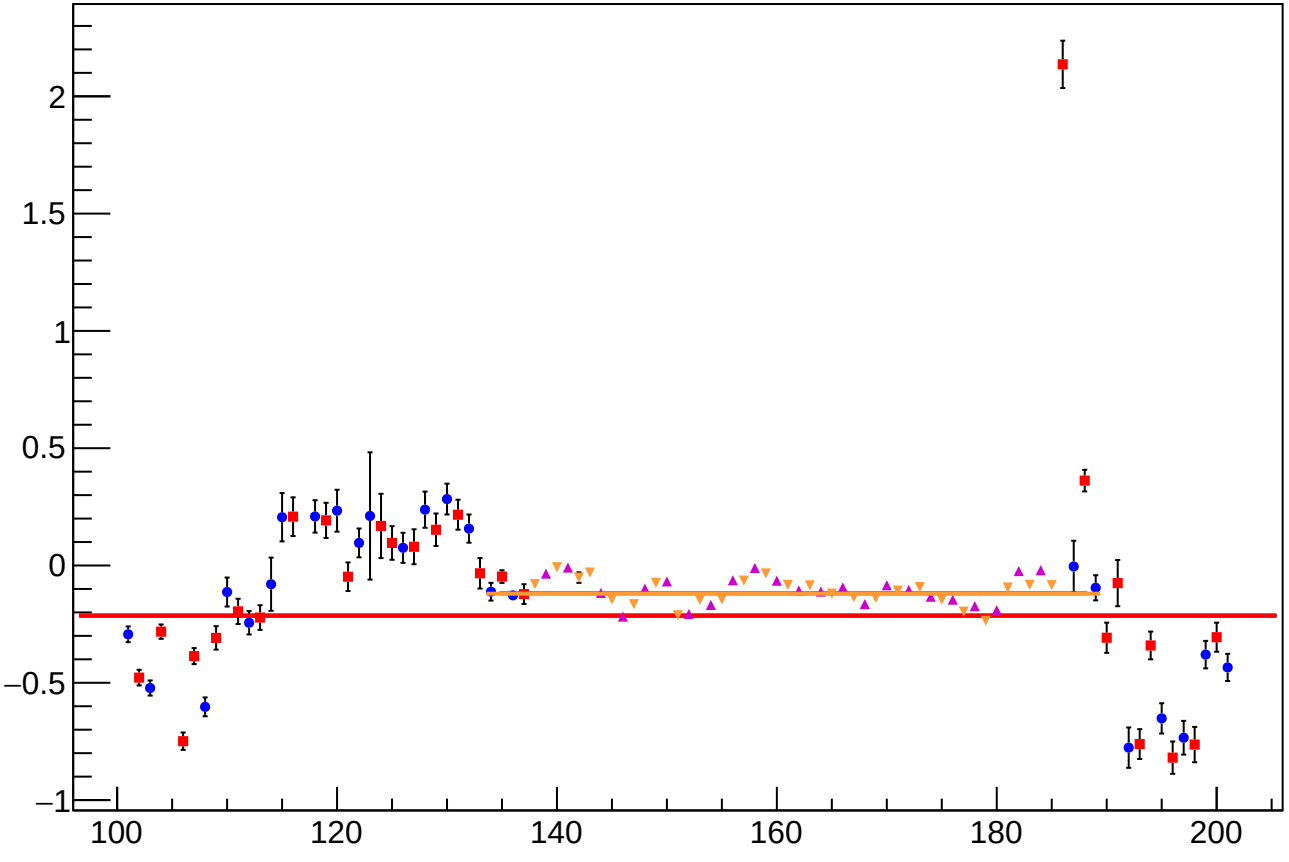
Right: 20.590+/-0.142 χ^2/NDF: 2119.2/50

In: 20.201+/-0.045 χ^2/NDF:2798.4/46

Out: 20.162+/-0.045 χ^2/NDF:2214.6/51

All: 20.182+/-0.032 χ^2/NDF: 5013.4/98

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.214+/-0.010 χ^2/NDF: 650.7/23

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.213+/-0.010 χ^2/NDF: 1448.1/26

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

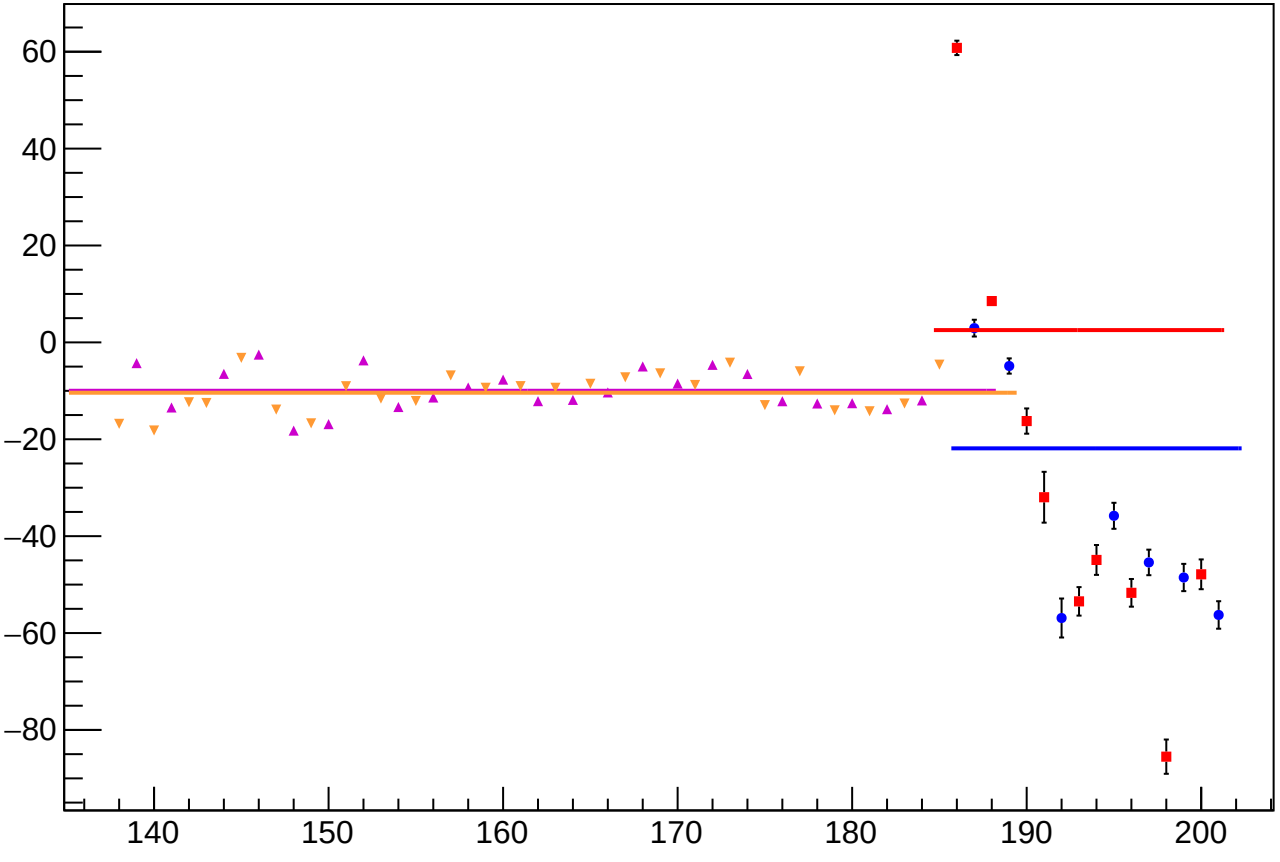
Right: -0.213+/-0.007 χ^2/NDF: 2098.8/50

In: -0.122+/-0.002 χ^2/NDF:1462.1/46

Out: -0.124+/-0.002 χ^2/NDF:2066.3/51

All: -0.123+/-0.001 χ^2/NDF: 3528.7/98

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.875+/-0.867 χ^2/NDF: 740.5/6

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 2.537+/-0.630 χ^2/NDF: 3526.8/8

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

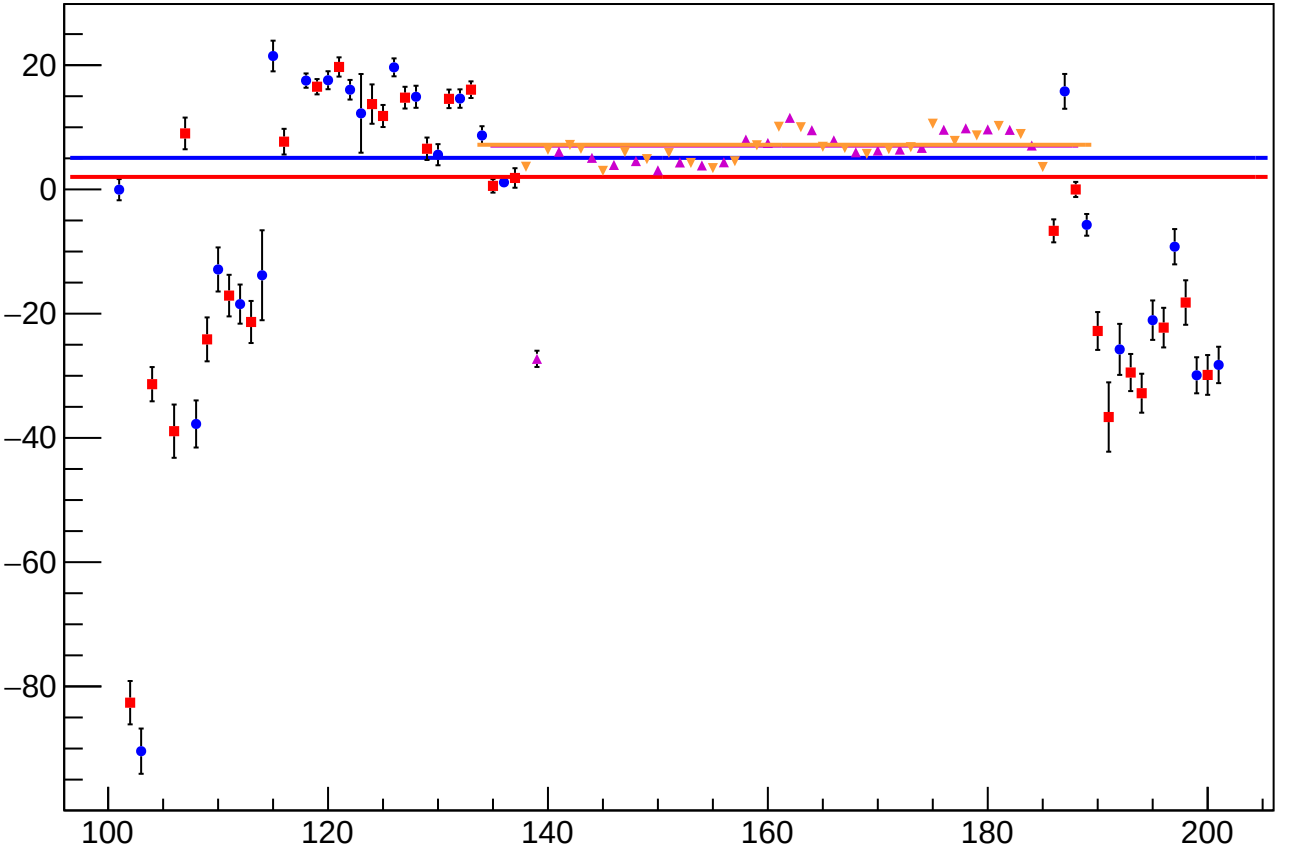
Right: -5.900+/-0.510 χ^2/NDF: 4786.3/15

In: -10.114+/-0.089 χ^2/NDF:2720.7/29

Out: -10.145+/-0.087 χ^2/NDF:6052.4/33

All: -10.130+/-0.062 χ^2/NDF: 8773.2/63

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.078+/-0.374 χ^2/NDF: 1879.0/23

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 2.012+/-0.381 χ^2/NDF: 2093.5/26

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

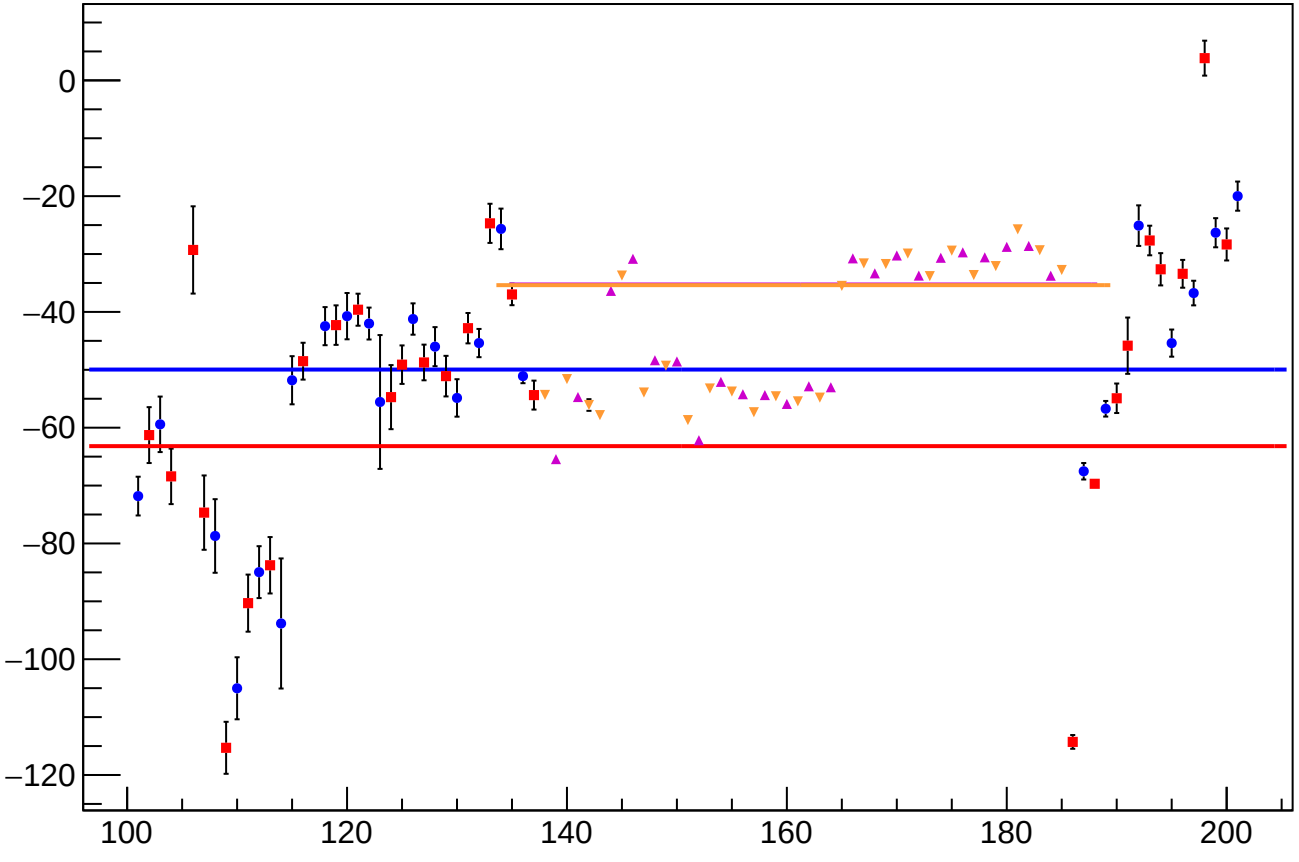
Right: 3.572+/-0.267 χ^2/NDF: 4005.5/50

In: 6.969+/-0.073 χ^2/NDF:3510.0/46

Out: 7.001+/-0.072 χ^2/NDF:3187.9/51

All: 6.985+/-0.051 χ^2/NDF: 6698.0/98

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.958+/-0.521 χ^2/NDF: 834.6/23

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -63.188+/-0.436 χ^2/NDF: 3873.9/26

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

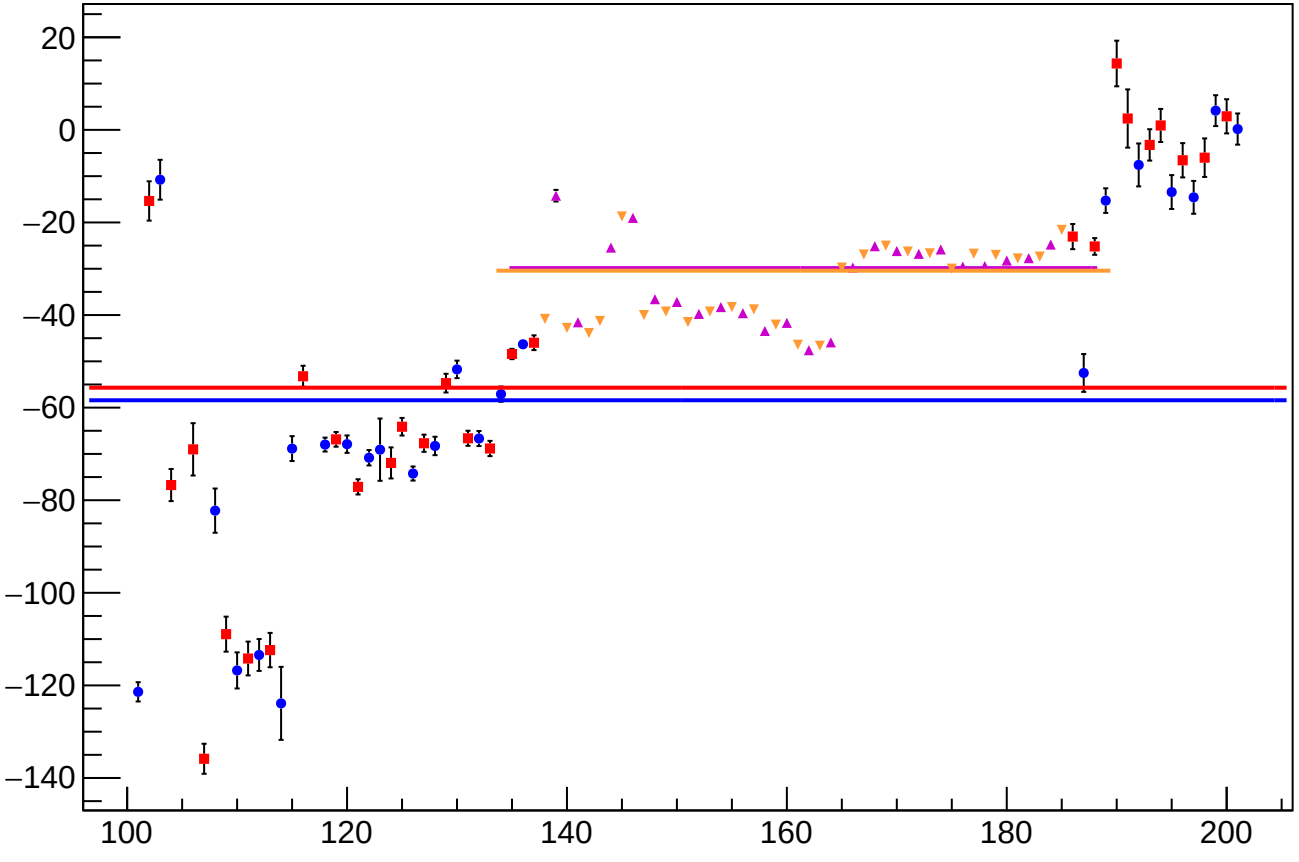
Right: -57.738+/-0.335 χ^2/NDF: 5087.3/50

In: -35.683+/-0.088 χ^2/NDF:13375.9/46

Out: -36.490+/-0.087 χ^2/NDF:20403.5/51

All: -36.092+/-0.062 χ^2/NDF: 33821.5/98

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.409+/-0.422 χ^2/NDF: 3497.3/23

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -55.692+/-0.440 χ^2/NDF: 3705.1/26

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

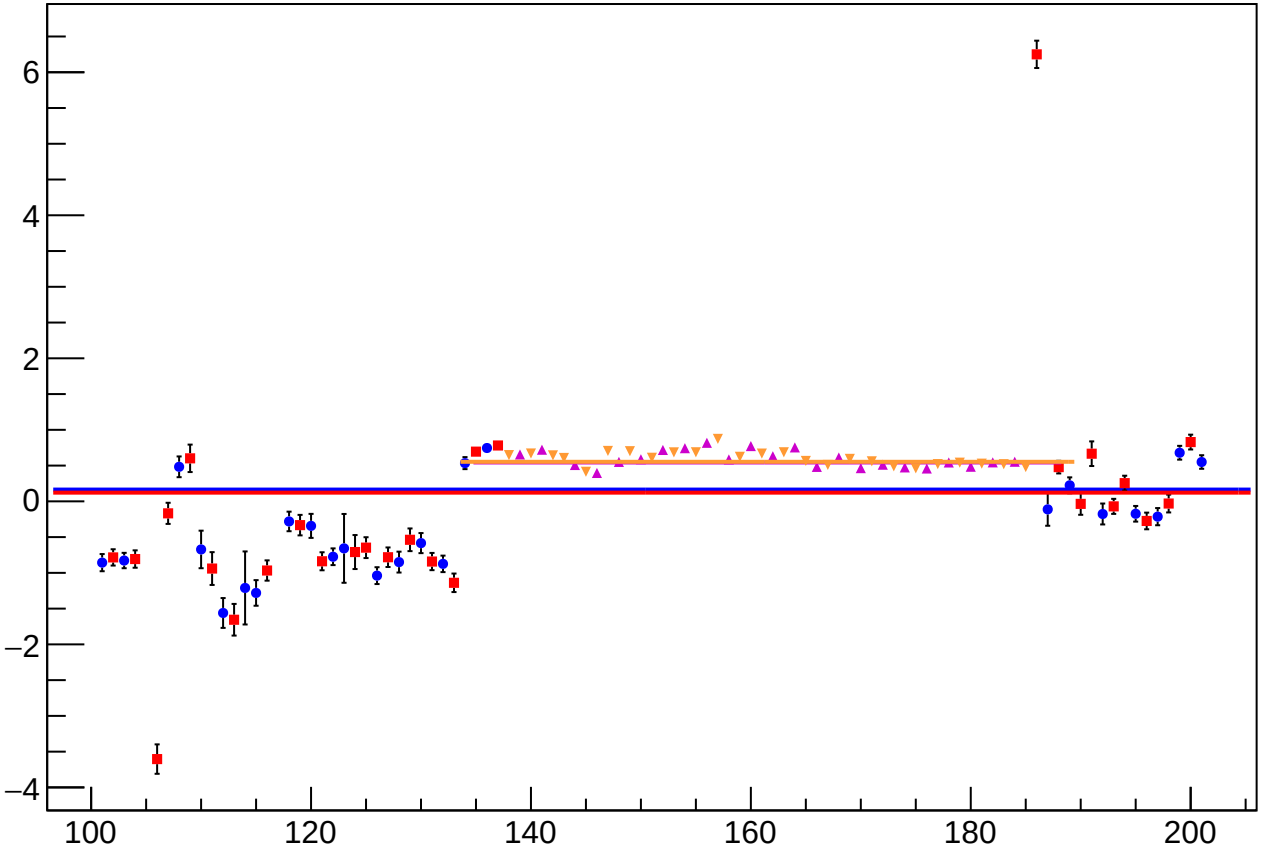
Right: -57.107+/-0.304 χ^2/NDF: 7222.2/50

In: -30.909+/-0.081 χ^2/NDF:15056.4/46

Out: -31.257+/-0.080 χ^2/NDF:15030.9/51

All: -31.084+/-0.057 χ^2/NDF: 30096.6/98

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.165+/-0.021 χ^2/NDF: 1062.1/23

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.122+/-0.022 χ^2/NDF: 2313.5/26

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

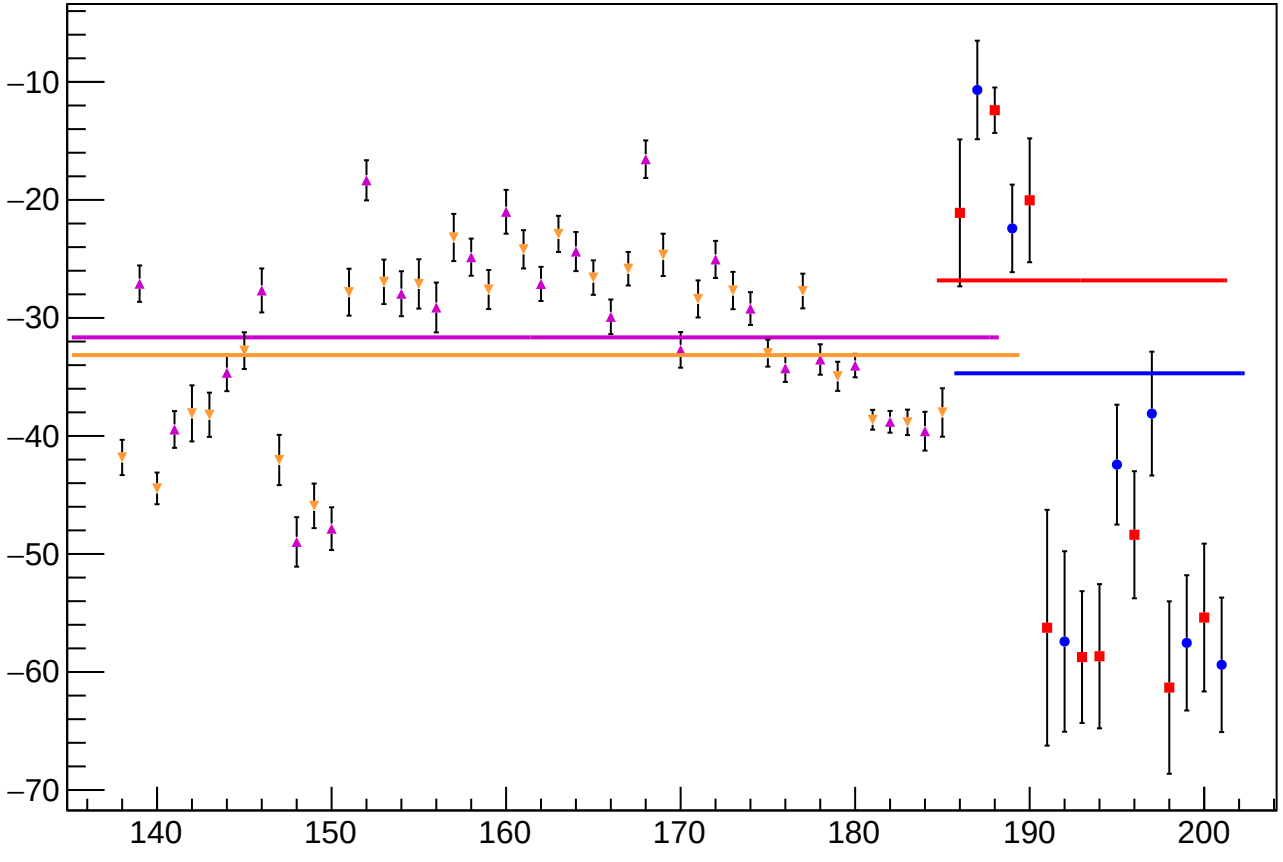
Right: 0.144+/-0.015 χ^2/NDF: 3377.6/50

In: 0.532+/-0.004 χ^2/NDF:2035.3/46

Out: 0.541+/-0.004 χ^2/NDF:3236.0/51

All: 0.536+/-0.003 χ^2/NDF: 5274.3/98

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.692+/-1.878 χ^2/NDF: 90.3/6

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -26.821+/-1.444 χ^2/NDF: 186.4/8

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

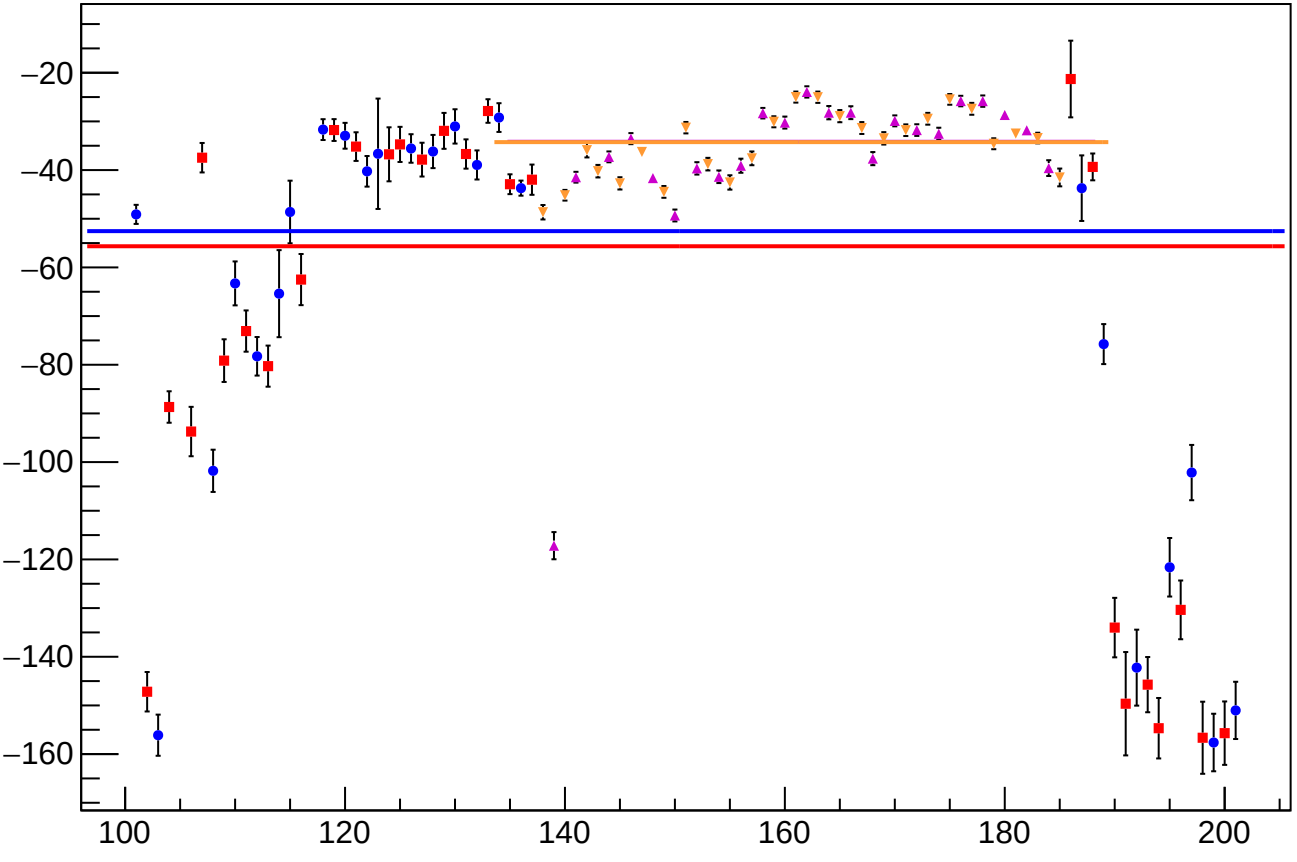
Right: -29.743+/-1.145 χ^2/NDF: 287.7/15

In: -31.727+/-0.304 χ^2/NDF:639.7/29

Out: -32.885+/-0.294 χ^2/NDF:704.7/33

All: -32.323+/-0.211 χ^2/NDF: 1352.0/63

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.545+/-0.685 χ^2/NDF: 2129.0/23

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -55.653+/-0.704 χ^2/NDF: 2670.3/26

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

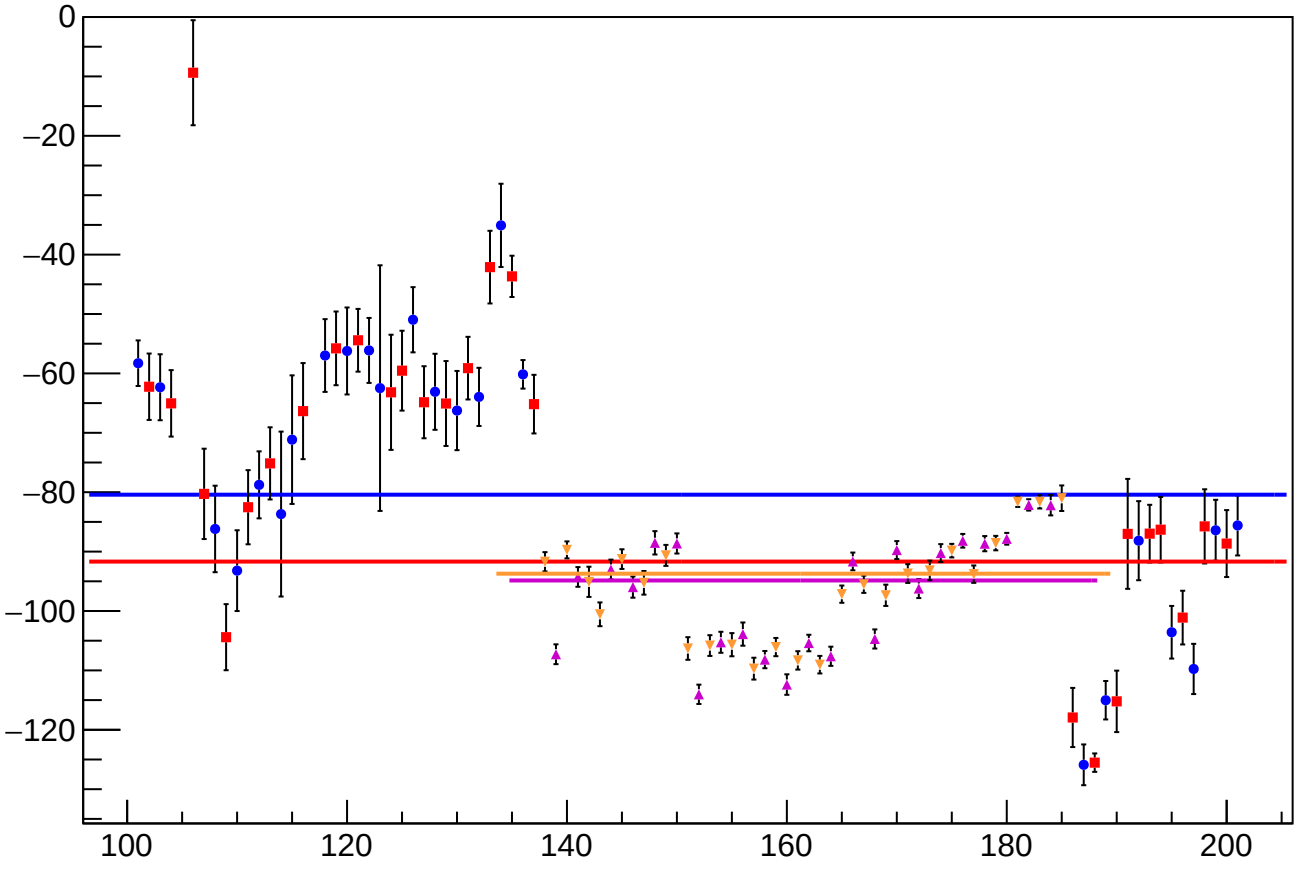
Right: -54.058+/-0.491 χ^2/NDF: 4809.3/50

In: -36.347+/-0.235 χ^2/NDF:4307.9/46

Out: -36.521+/-0.229 χ^2/NDF:4190.6/51

All: -36.437+/-0.164 χ^2/NDF: 8498.7/98

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -80.419+/-1.016 χ^2/NDF: 629.0/23

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.680+/-0.910 χ^2/NDF: 1168.0/26

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

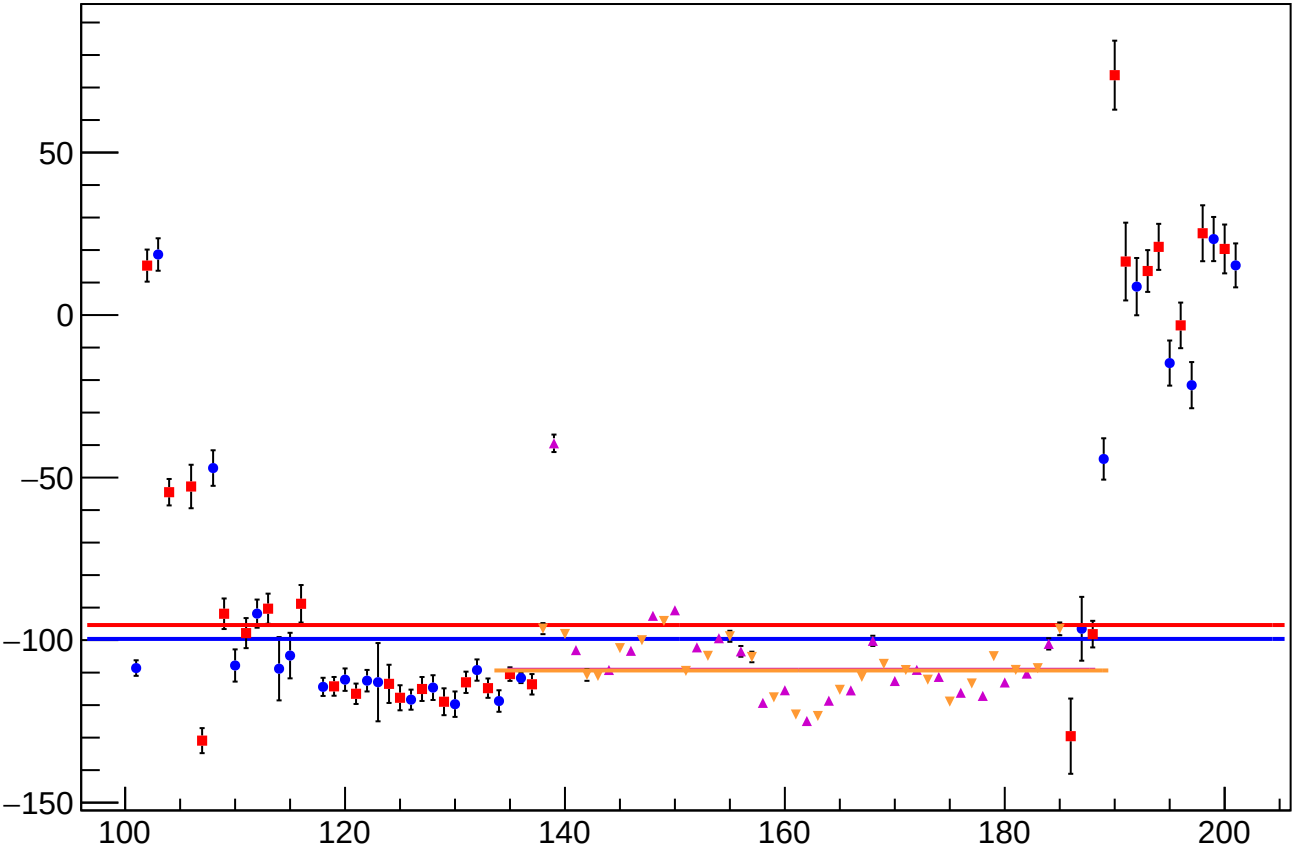
Right: -86.668+/-0.678 χ^2/NDF: 1865.2/50

In: -93.649+/-0.294 χ^2/NDF:1799.8/46

Out: -93.516+/-0.287 χ^2/NDF:2050.7/51

All: -93.581+/-0.205 χ^2/NDF: 3850.5/98

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -99.637+/-0.778 χ^2/NDF: 2026.7/23

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -95.364+/-0.810 χ^2/NDF: 2595.4/26

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

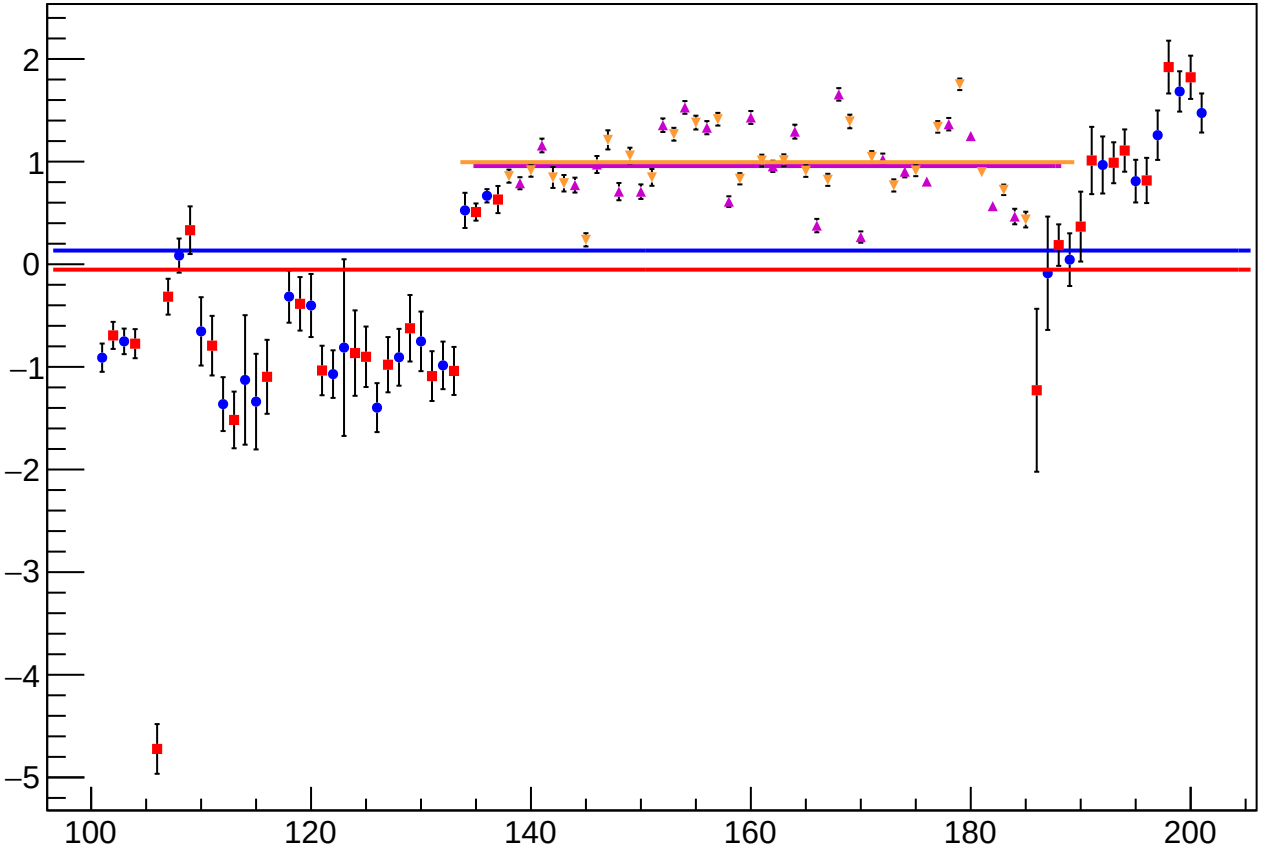
Right: -97.585+/-0.561 χ^2/NDF: 4636.5/50

In: -108.045+/-0.263 χ^2/NDF:3737.2/46

Out: -107.923+/-0.258 χ^2/NDF:3689.2/51

All: -107.982+/-0.184 χ^2/NDF: 7426.5/98

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.134+/-0.038 χ^2/NDF: 508.4/23

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.053+/-0.039 χ^2/NDF: 850.6/26

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

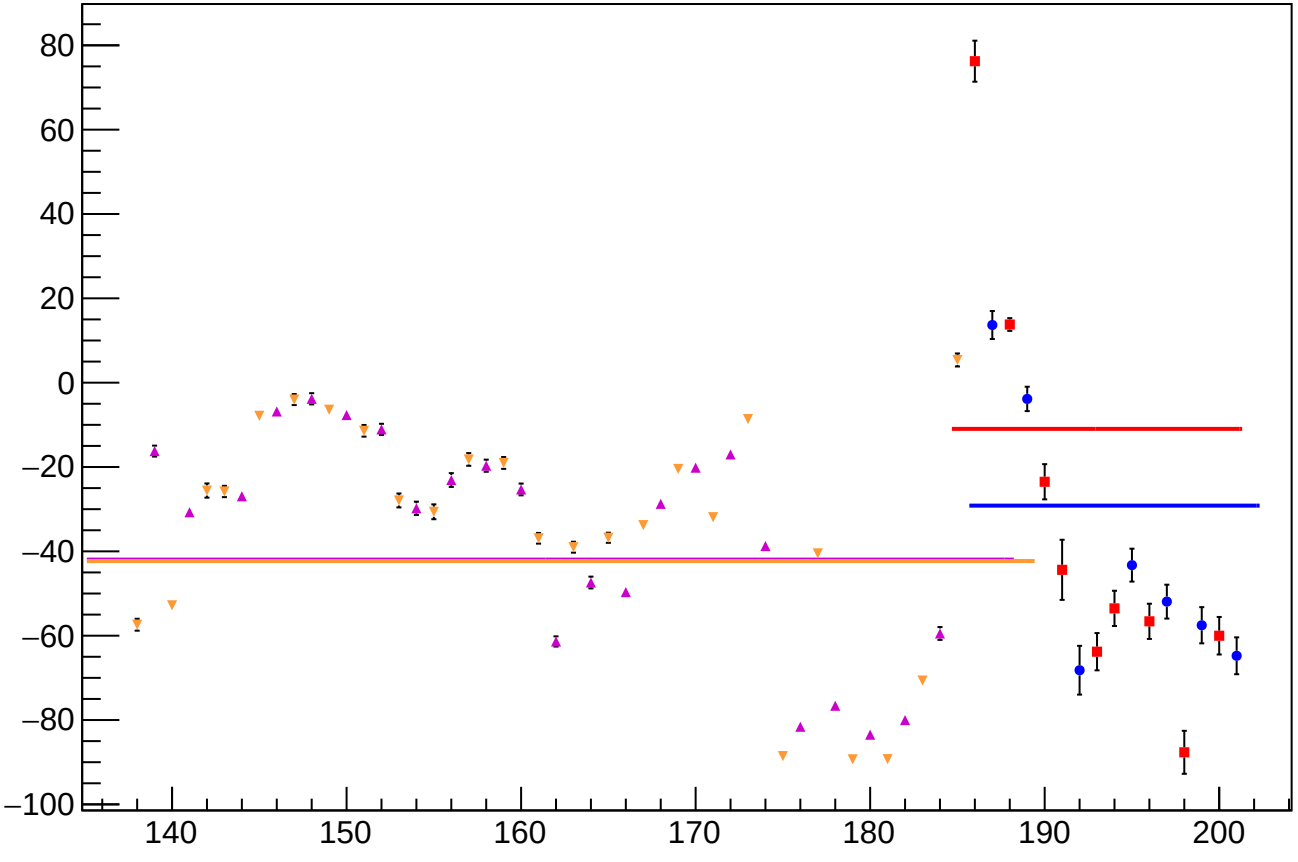
Right: 0.042+/-0.027 χ^2/NDF: 1370.7/50

In: 0.876+/-0.012 χ^2/NDF:1825.1/46

Out: 0.897+/-0.012 χ^2/NDF:2148.9/51

All: 0.886+/-0.008 χ^2/NDF: 3975.5/98

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.155+/-1.452 χ^2/NDF: 443.6/6

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -10.956+/-1.108 χ^2/NDF: 1335.5/8

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

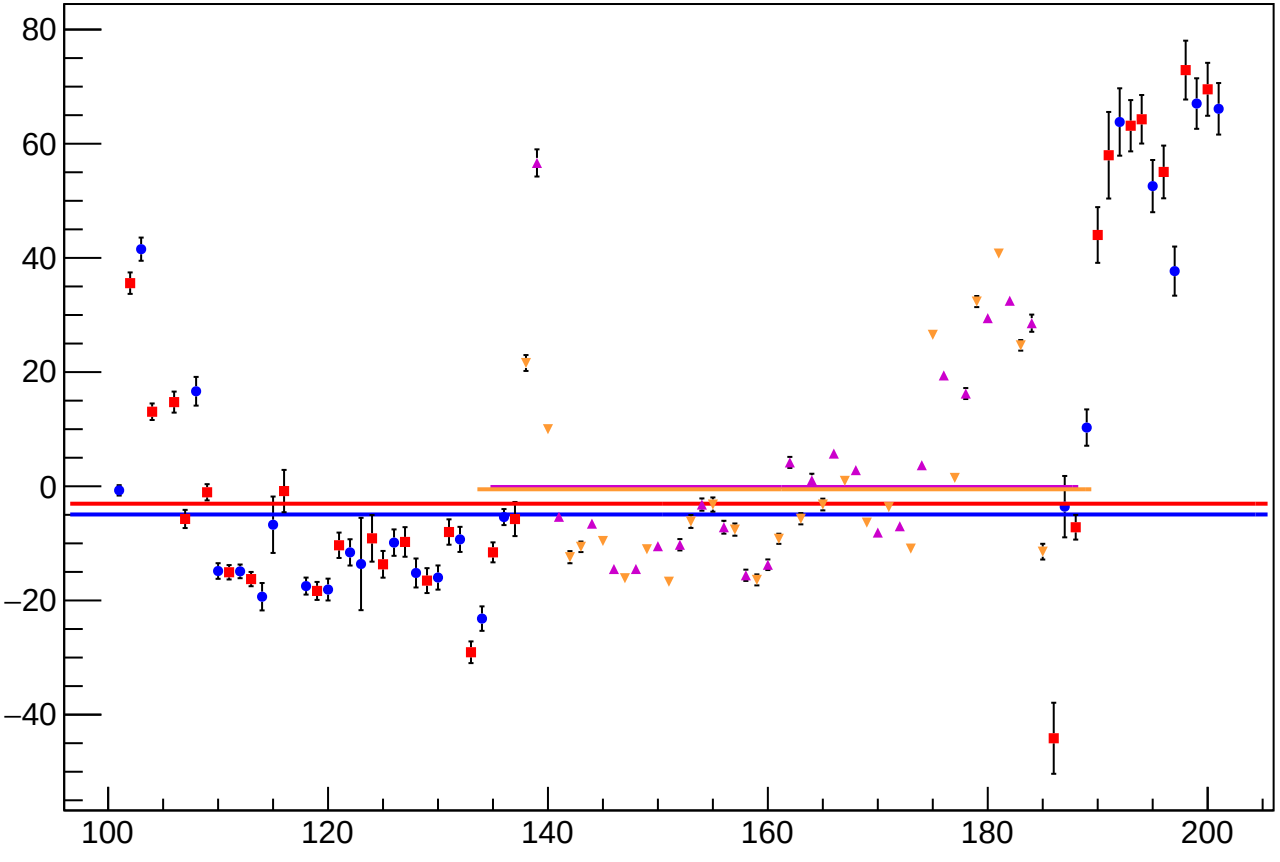
Right: -17.658+/-0.881 χ^2/NDF: 1878.5/15

In: -41.653+/-0.223 χ^2/NDF:15243.0/29

Out: -41.082+/-0.218 χ^2/NDF:20371.6/33

All: -41.360+/-0.156 χ^2/NDF: 35617.9/63

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.938+/-0.414 χ^2/NDF: 1955.4/23

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -3.052+/-0.410 χ^2/NDF: 2529.6/26

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

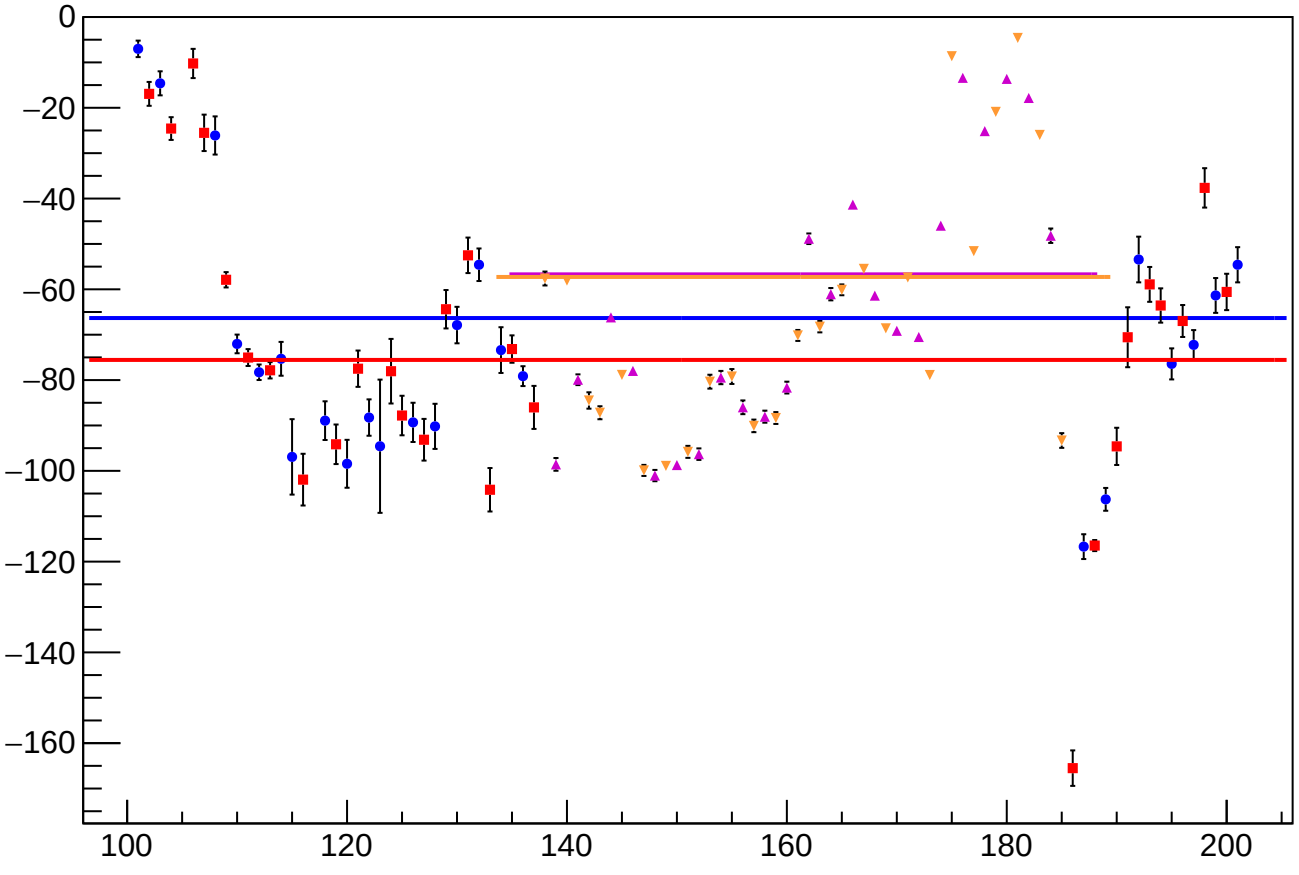
Right: -3.987+/-0.291 χ^2/NDF: 4495.5/50

In: -0.881+/-0.164 χ^2/NDF:8994.5/46

Out: -0.915+/-0.161 χ^2/NDF:11269.6/51

All: -0.898+/-0.115 χ^2/NDF: 20264.1/98

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.328+/-0.638 χ^2/NDF: 2433.8/23

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -75.558+/-0.563 χ^2/NDF: 3538.4/26

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

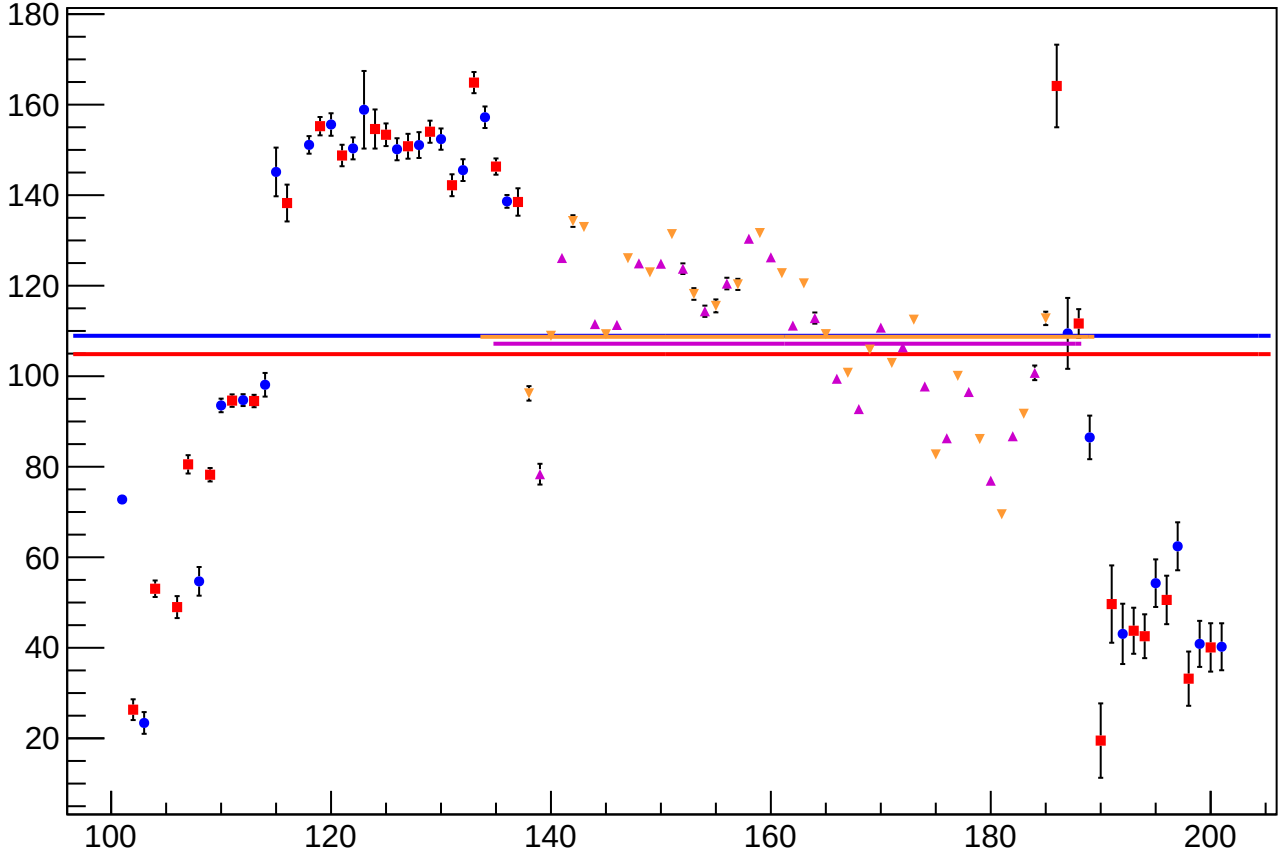
Right: -71.518+/-0.422 χ^2/NDF: 6089.7/50

In: -57.777+/-0.213 χ^2/NDF:19183.2/46

Out: -59.764+/-0.208 χ^2/NDF:22959.7/51

All: -58.795+/-0.149 χ^2/NDF: 42187.5/98

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 108.933+/-0.474 χ^2/NDF: 6648.4/23

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 104.878+/-0.471 χ^2/NDF: 7761.3/26

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

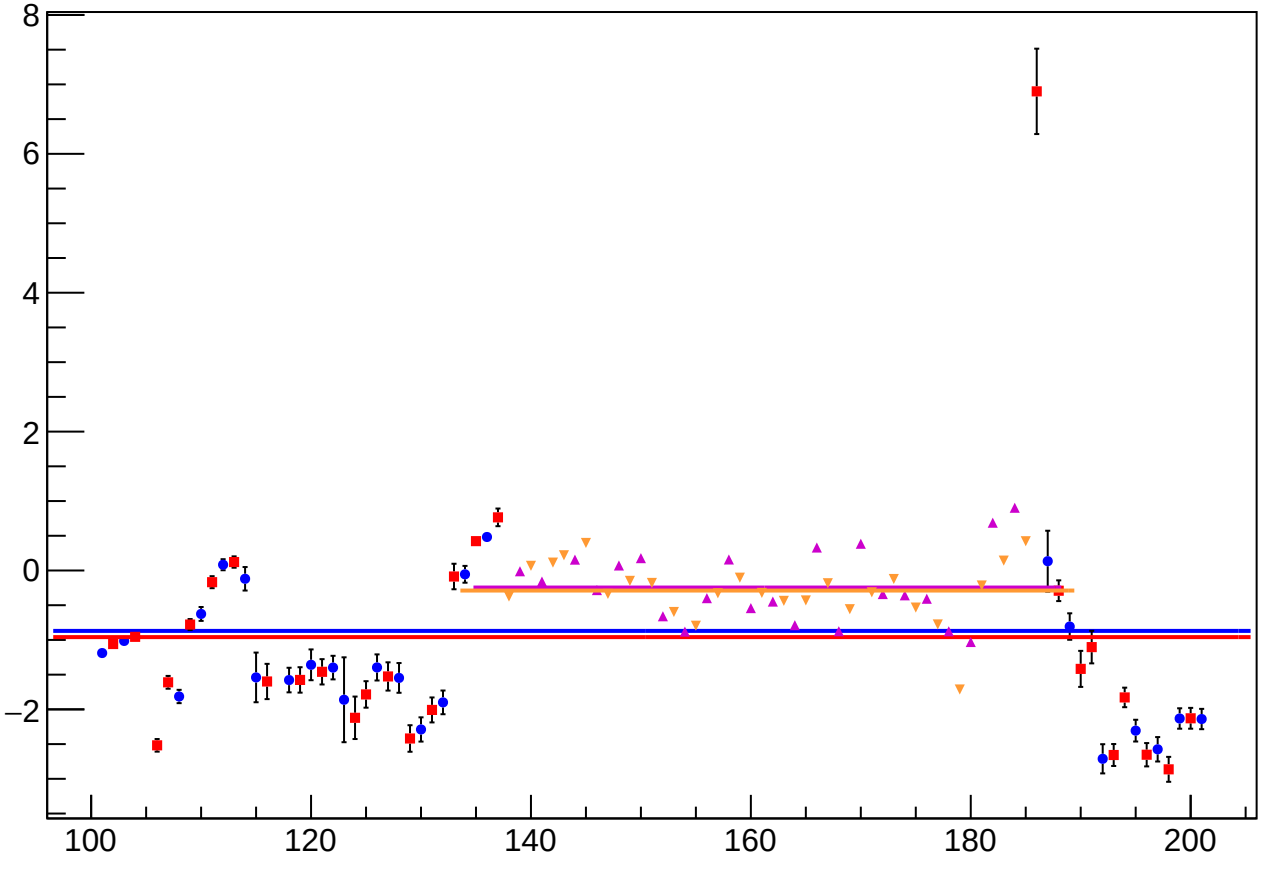
Right: 106.894+/-0.334 χ^2/NDF: 14446.5/50

In: 107.449+/-0.186 χ^2/NDF:12252.3/46

Out: 108.135+/-0.182 χ^2/NDF:15114.4/51

All: 107.798+/-0.130 χ^2/NDF: 27373.7/98

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.870+/-0.024 χ^2/NDF: 1449.1/23

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.959+/-0.023 χ^2/NDF: 1960.5/26

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

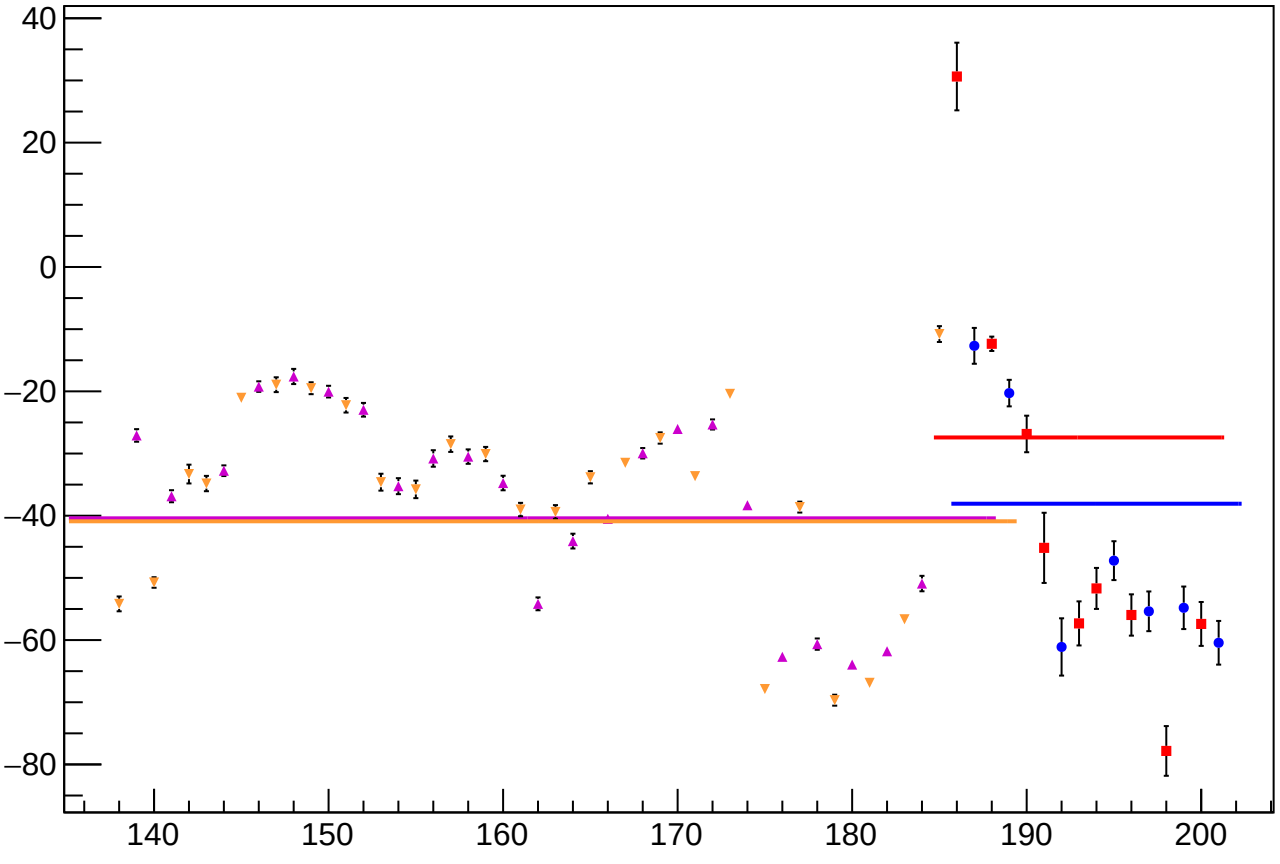
Right: -0.917+/-0.016 χ^2/NDF: 3417.0/50

In: -0.325+/-0.009 χ^2/NDF:4840.4/46

Out: -0.382+/-0.008 χ^2/NDF:4755.4/51

All: -0.354+/-0.006 χ^2/NDF: 9617.9/98

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.072+/-1.152 χ^2/NDF: 274.5/6

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -27.416+/-0.865 χ^2/NDF: 724.3/8

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

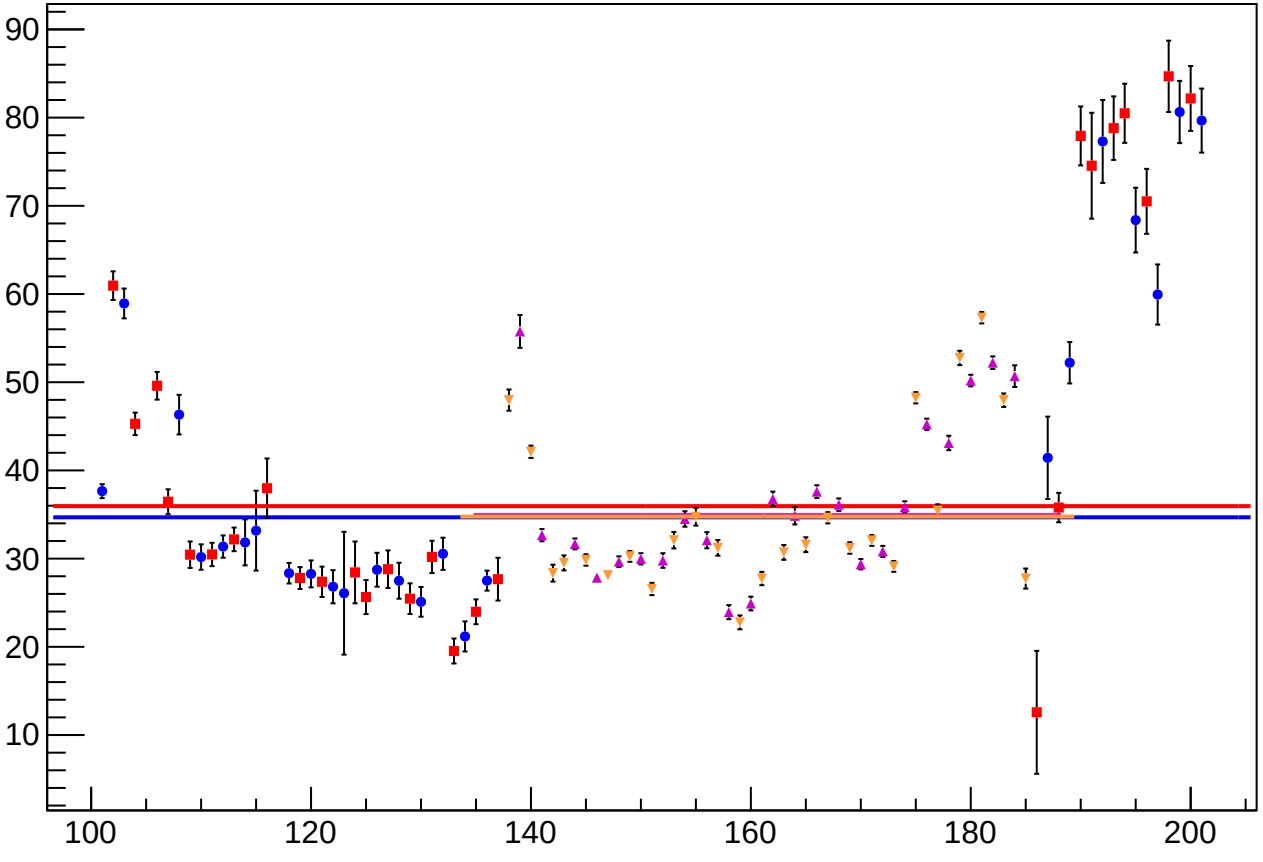
Right: -31.261+/-0.692 χ^2/NDF: 1053.5/15

In: -40.360+/-0.186 χ^2/NDF:7308.7/29

Out: -40.299+/-0.182 χ^2/NDF:10071.0/33

All: -40.329+/-0.130 χ^2/NDF: 17379.7/63

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.683+/-0.358 χ^2/NDF: 1095.7/23

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 35.952+/-0.358 χ^2/NDF: 1702.4/26

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

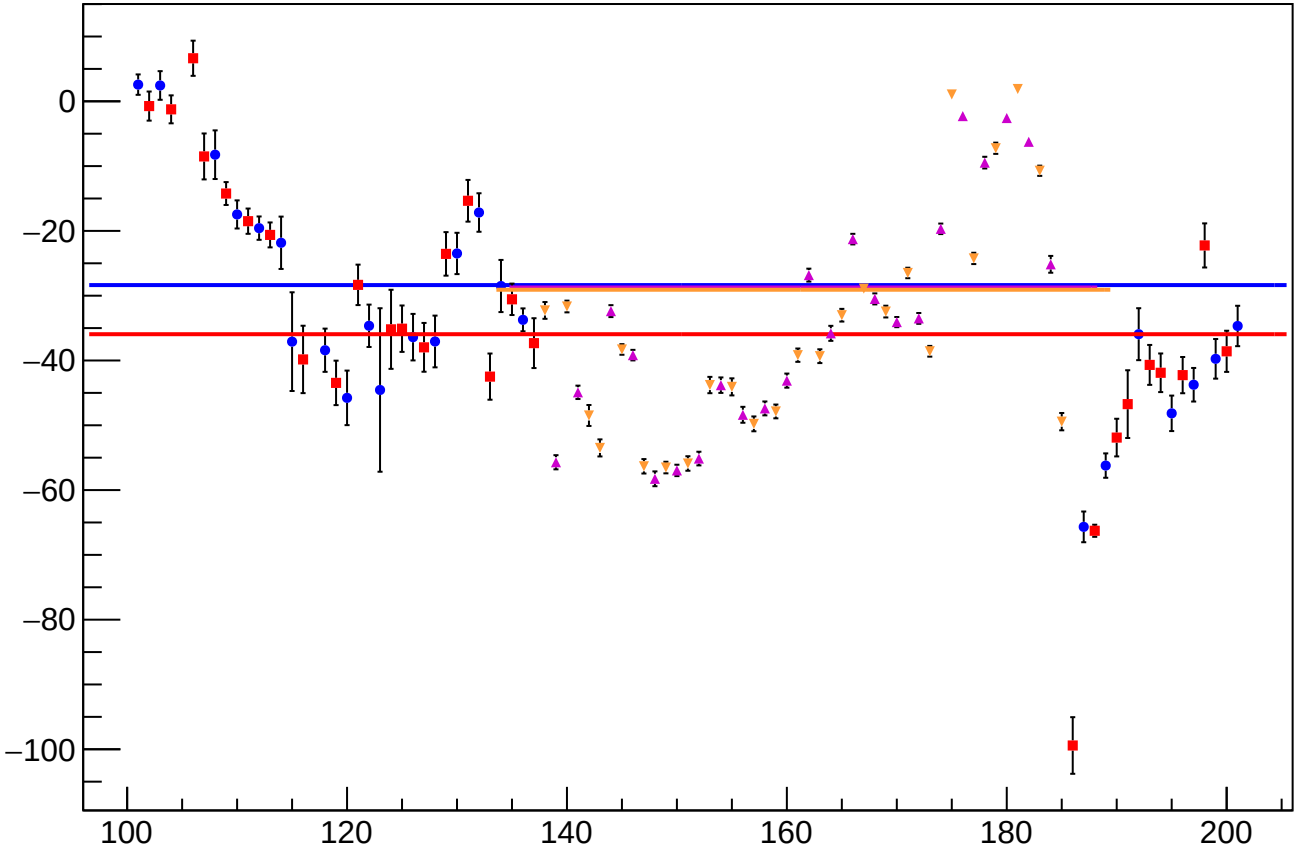
Right: 35.318+/-0.253 χ^2/NDF: 2804.4/50

In: 34.891+/-0.139 χ^2/NDF:3784.5/46

Out: 34.940+/-0.137 χ^2/NDF:5389.1/51

All: 34.916+/-0.098 χ^2/NDF: 9173.7/98

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.362+/-0.553 χ^2/NDF: 1305.5/23

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -35.944+/-0.484 χ^2/NDF: 2508.3/26

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

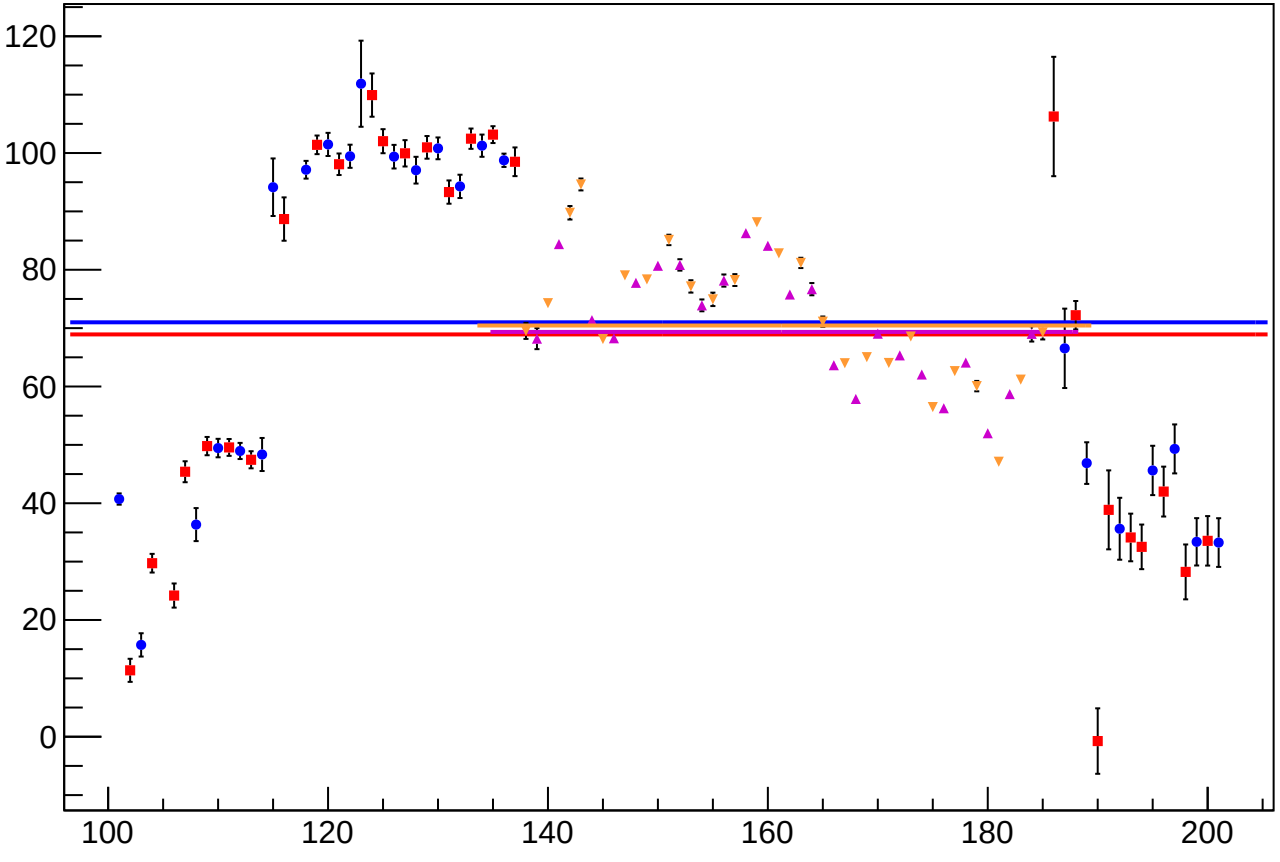
Right: -32.653+/-0.364 χ^2/NDF: 3920.4/50

In: -28.696+/-0.179 χ^2/NDF:10461.5/46

Out: -29.974+/-0.175 χ^2/NDF:12742.7/51

All: -29.350+/-0.125 χ^2/NDF: 23230.3/98

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.998+/-0.412 χ^2/NDF: 5078.6/23

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 68.924+/-0.415 χ^2/NDF: 5932.3/26

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

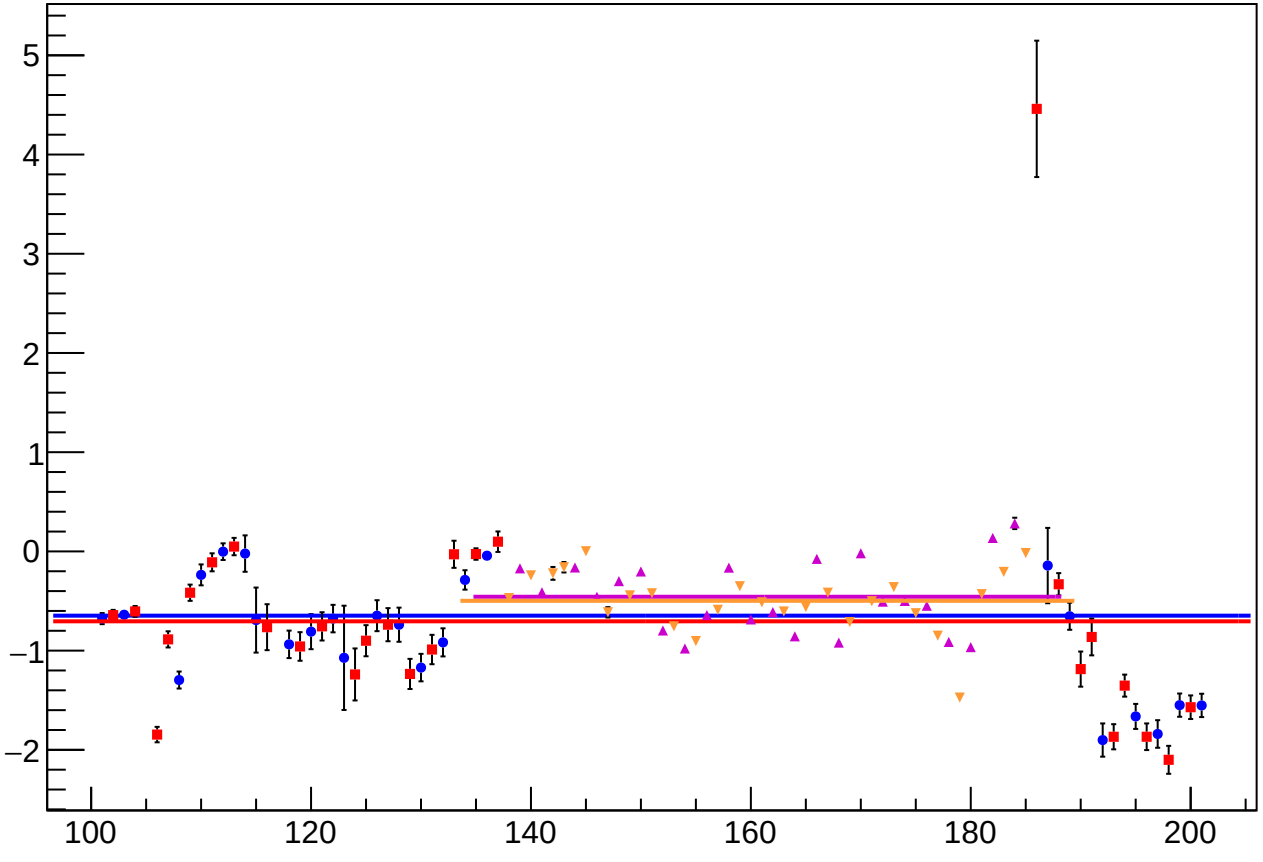
Right: 69.967+/-0.292 χ^2/NDF: 11023.4/50

In: 69.589+/-0.157 χ^2/NDF:8423.0/46

Out: 70.238+/-0.155 χ^2/NDF:10428.6/51

All: 69.918+/-0.110 χ^2/NDF: 18860.2/98

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.648+/-0.021 χ^2/NDF: 662.5/23

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.705+/-0.020 χ^2/NDF: 1022.3/26

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

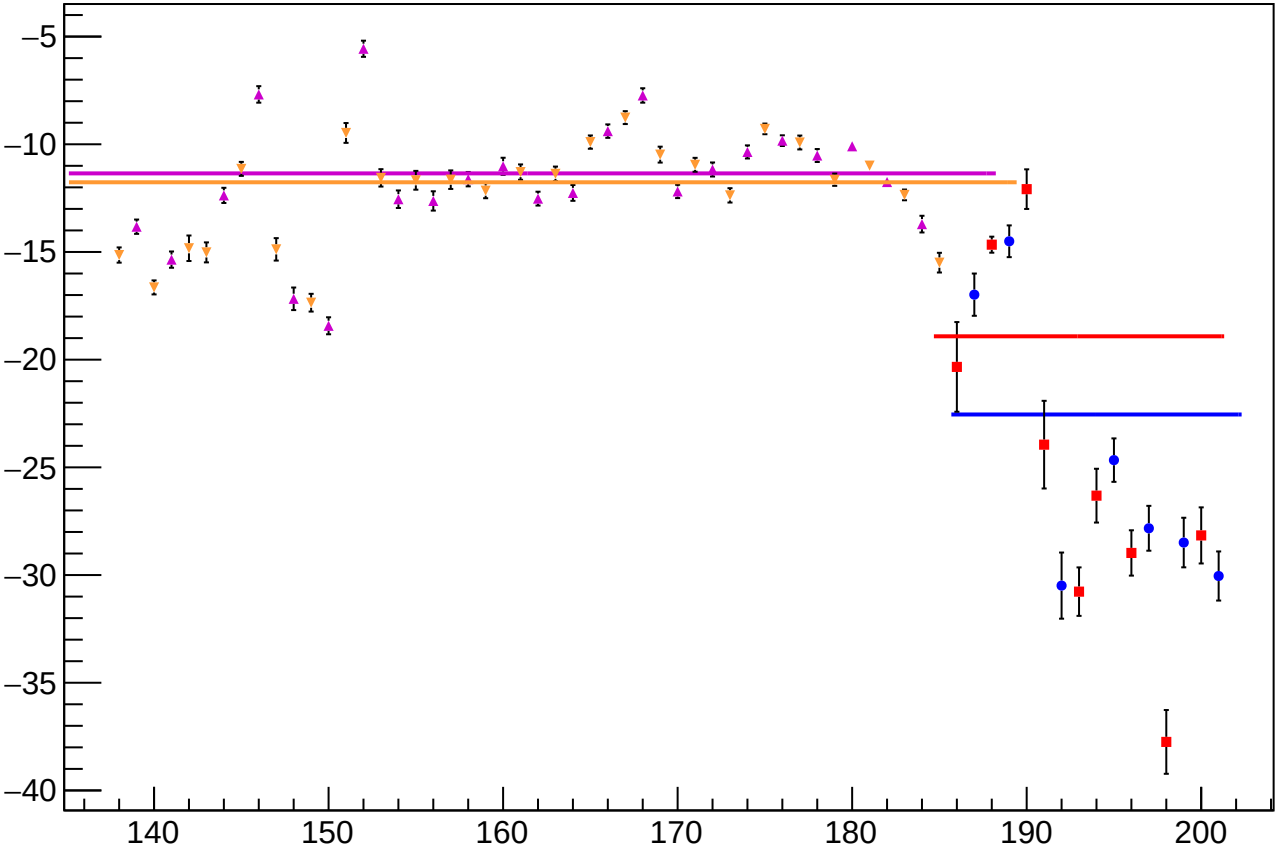
Right: -0.678+/-0.014 χ^2/NDF: 1688.9/50

In: -0.480+/-0.007 χ^2/NDF:2713.2/46

Out: -0.525+/-0.007 χ^2/NDF:2560.2/51

All: -0.503+/-0.005 χ^2/NDF: 5292.9/98

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.545+/-0.385 χ^2/NDF: 278.0/6

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -18.916+/-0.286 χ^2/NDF: 642.1/8

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

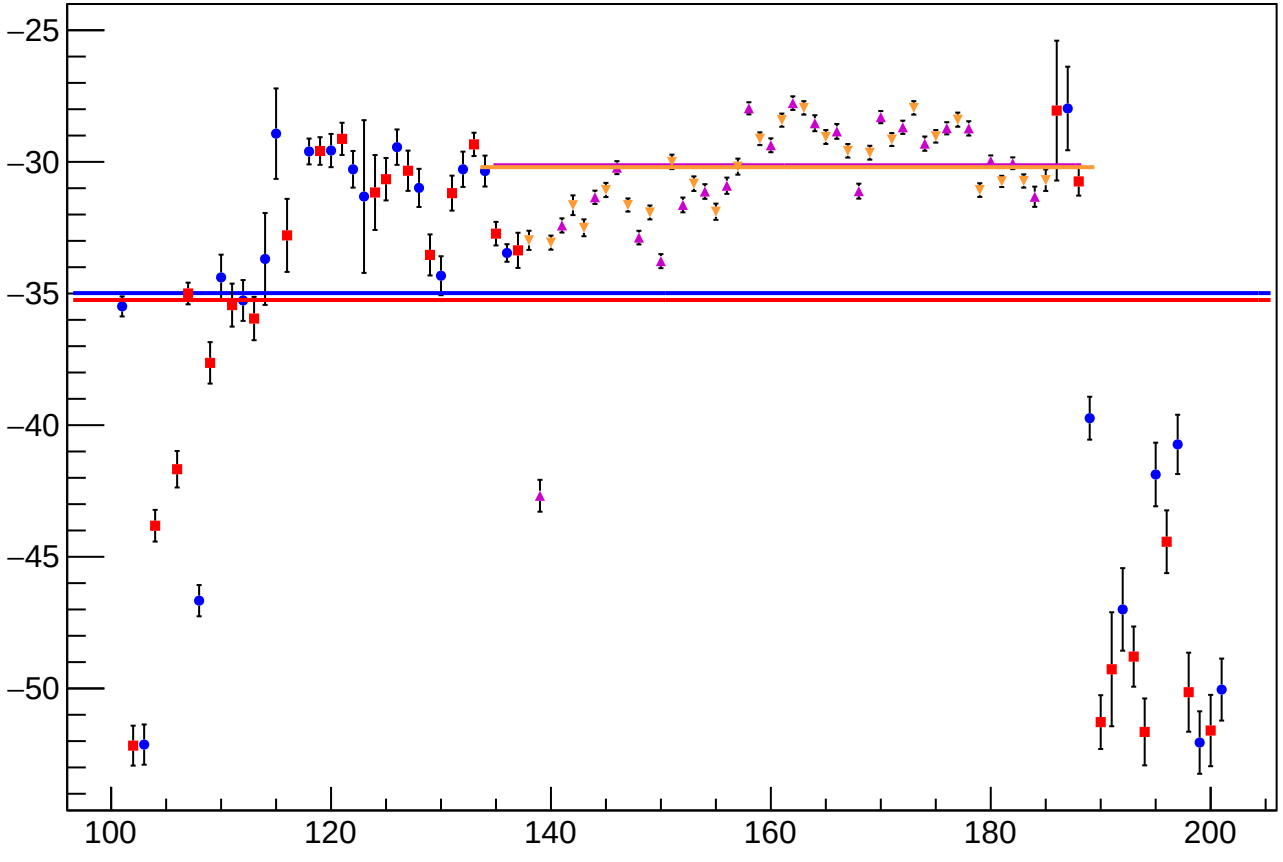
Right: -20.203+/-0.230 χ^2/NDF: 977.3/15

In: -11.687+/-0.067 χ^2/NDF:2377.0/29

Out: -12.135+/-0.065 χ^2/NDF:2262.1/33

All: -11.916+/-0.047 χ^2/NDF: 4662.2/63

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.984+/-0.142 χ^2/NDF: 1921.3/23

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -35.246+/-0.139 χ^2/NDF: 2333.6/26

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

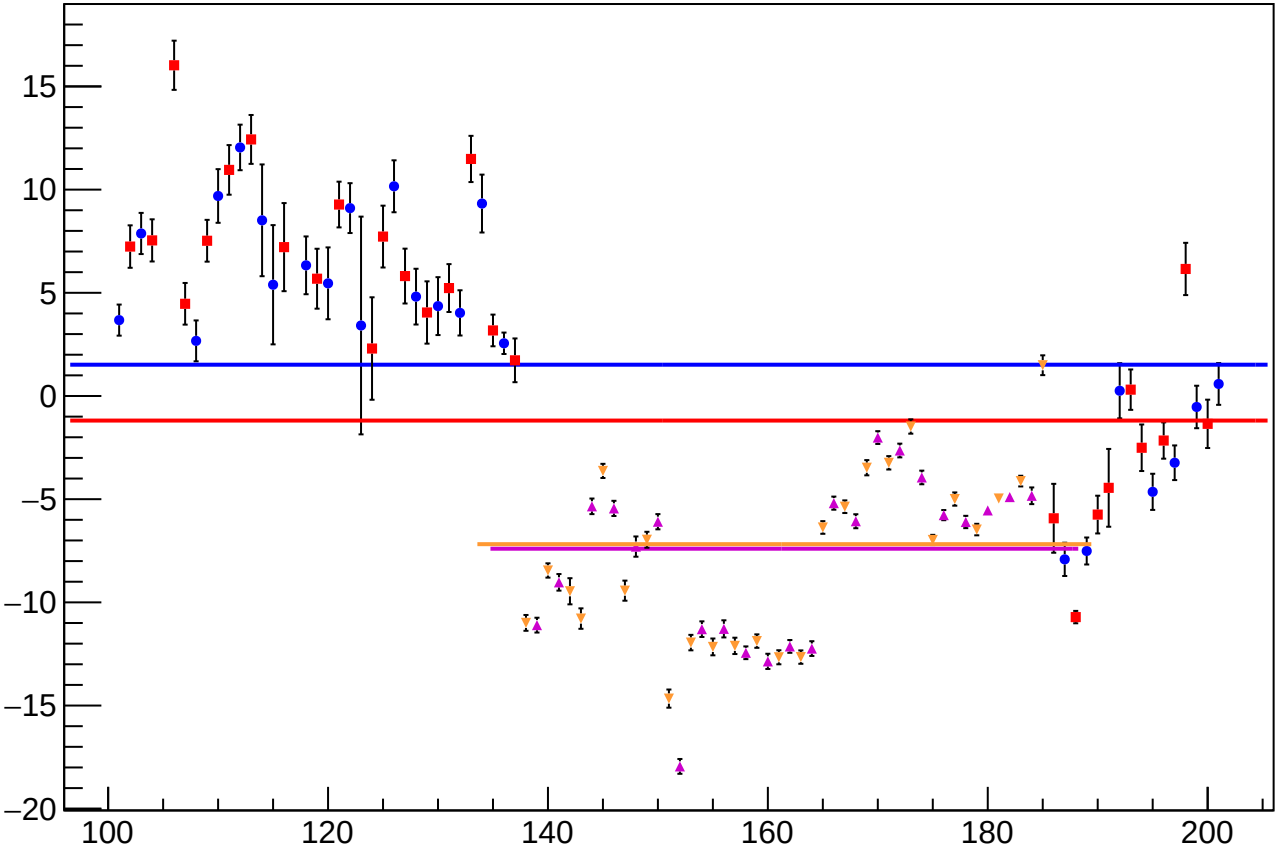
Right: -35.118+/-0.100 χ^2/NDF: 4256.6/50

In: -30.765+/-0.052 χ^2/NDF:4220.9/46

Out: -30.861+/-0.050 χ^2/NDF:4202.7/51

All: -30.814+/-0.036 χ^2/NDF: 8425.3/98

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.516+/-0.209 χ^2/NDF: 757.8/23

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.190+/-0.181 χ^2/NDF: 2172.2/26

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

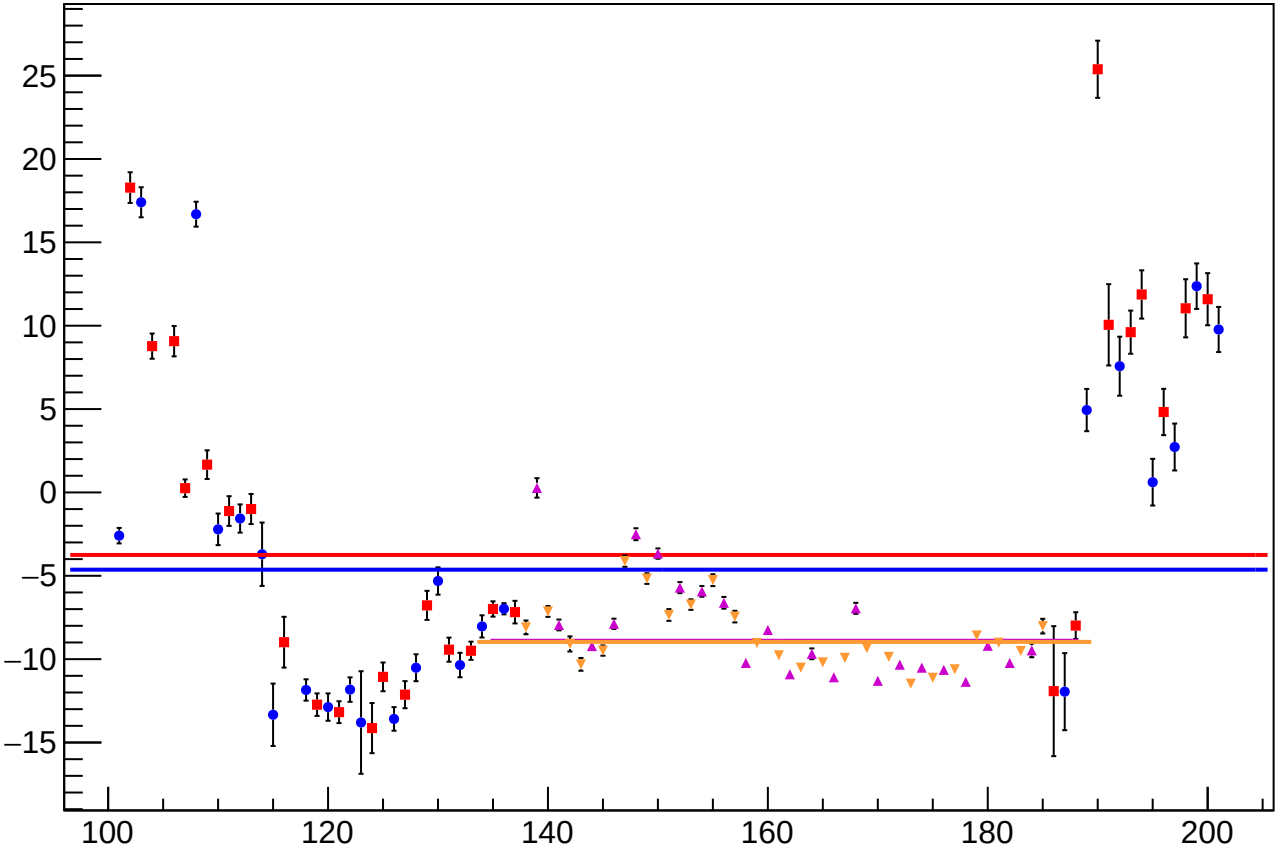
Right: -0.034+/-0.137 χ^2/NDF: 3025.9/50

In: -6.558+/-0.064 χ^2/NDF:5537.0/46

Out: -6.457+/-0.063 χ^2/NDF:6154.1/51

All: -6.506+/-0.045 χ^2/NDF: 11692.3/98

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.633+/-0.162 χ^2/NDF: 2579.3/23

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -3.750+/-0.162 χ^2/NDF: 2827.0/26

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

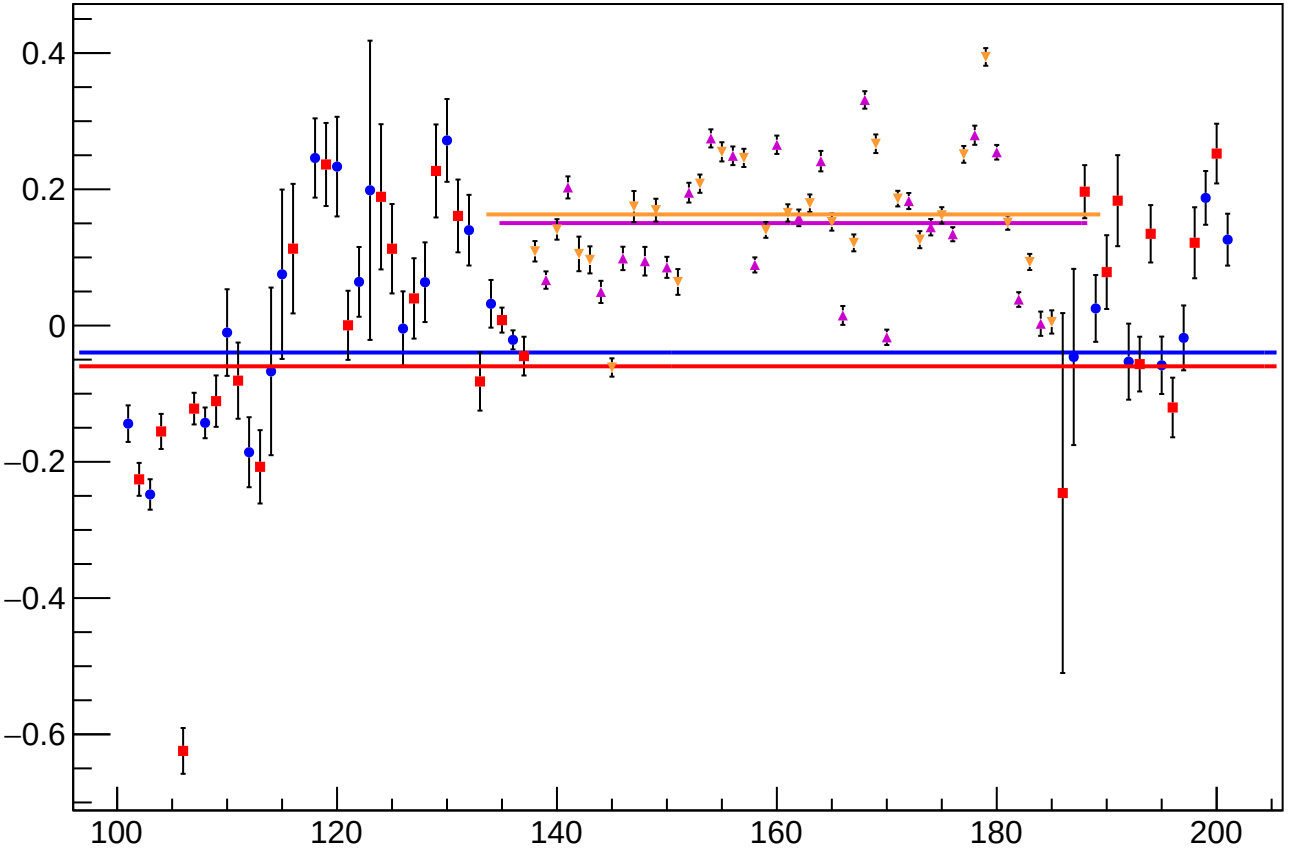
Right: -4.192+/-0.115 χ^2/NDF: 5421.1/50

In: -8.363+/-0.058 χ^2/NDF:4765.9/46

Out: -8.334+/-0.056 χ^2/NDF:4609.1/51

All: -8.349+/-0.040 χ^2/NDF: 9375.1/98

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.040+/-0.008 χ^2/NDF: 277.3/23

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.060+/-0.007 χ^2/NDF: 601.8/26

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

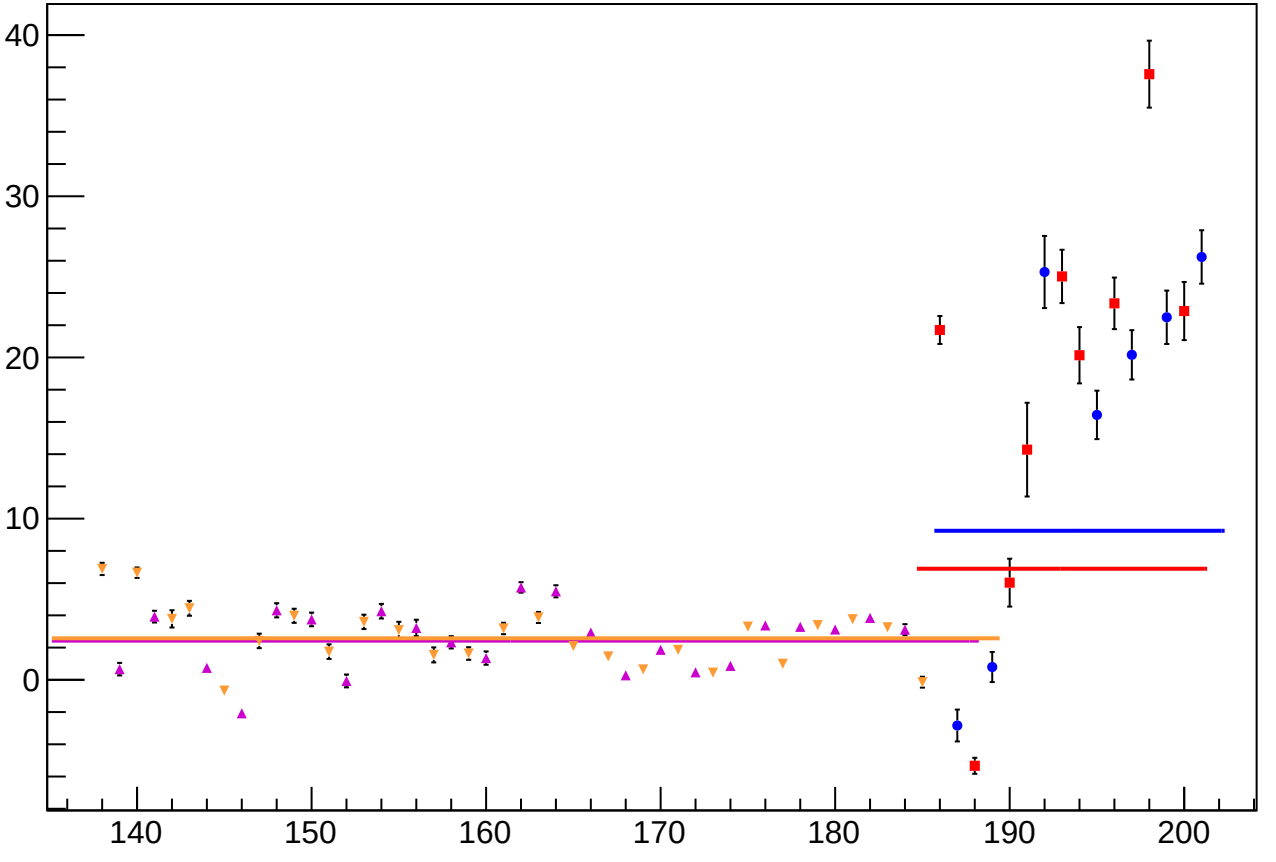
Right: -0.050+/-0.005 χ^2/NDF: 882.7/50

In: 0.128+/-0.003 χ^2/NDF:2126.9/46

Out: 0.137+/-0.003 χ^2/NDF:2396.5/51

All: 0.133+/-0.002 χ^2/NDF: 4529.0/98

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.248+/-0.502 χ^2/NDF: 525.3/6

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 6.893+/-0.363 χ^2/NDF: 1486.1/8

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

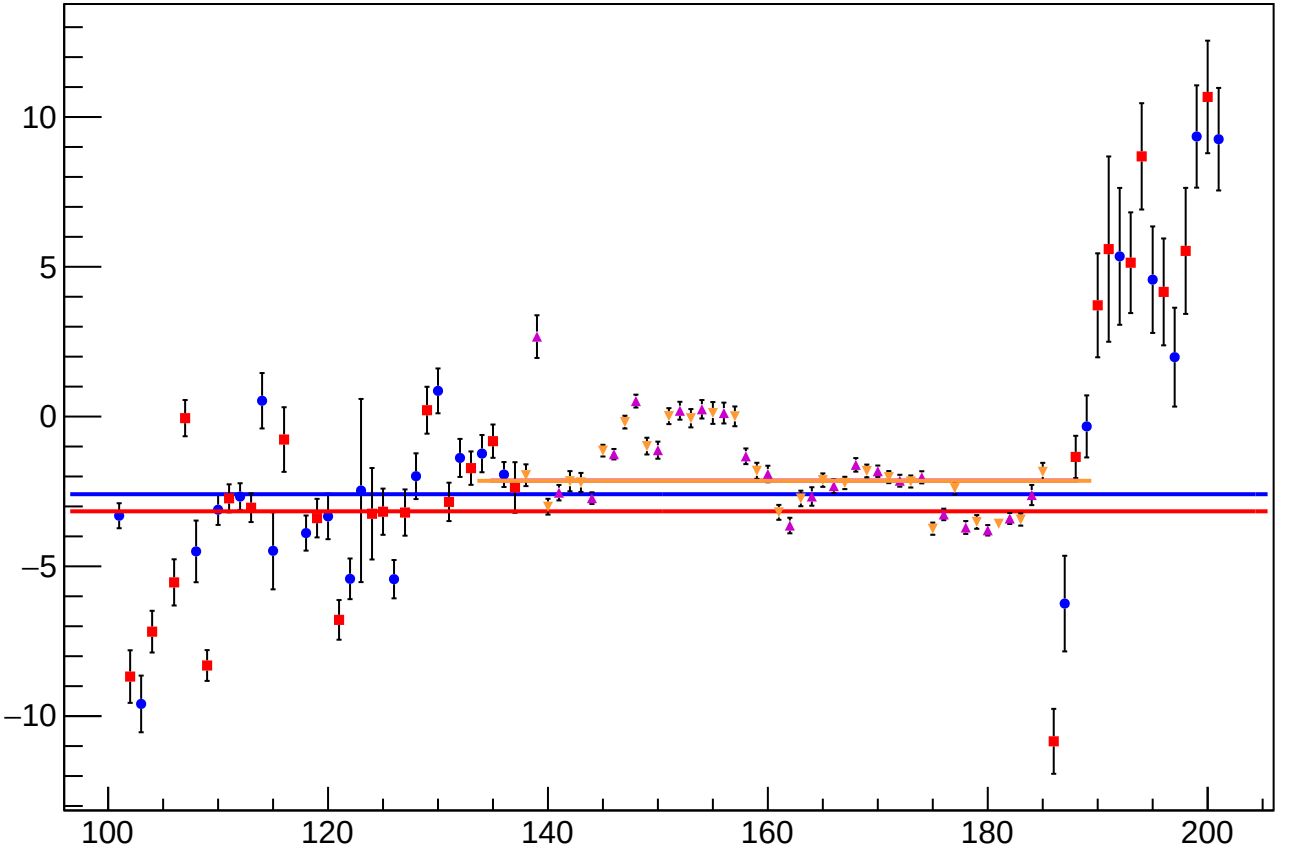
Right: 7.701+/-0.294 χ^2/NDF: 2025.8/15

In: 2.526+/-0.059 χ^2/NDF:1589.9/29

Out: 2.684+/-0.058 χ^2/NDF:2492.0/33

All: 2.607+/-0.041 χ^2/NDF: 4085.6/63

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.592+/-0.149 χ^2/NDF: 294.2/23

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.163+/-0.147 χ^2/NDF: 526.7/26

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

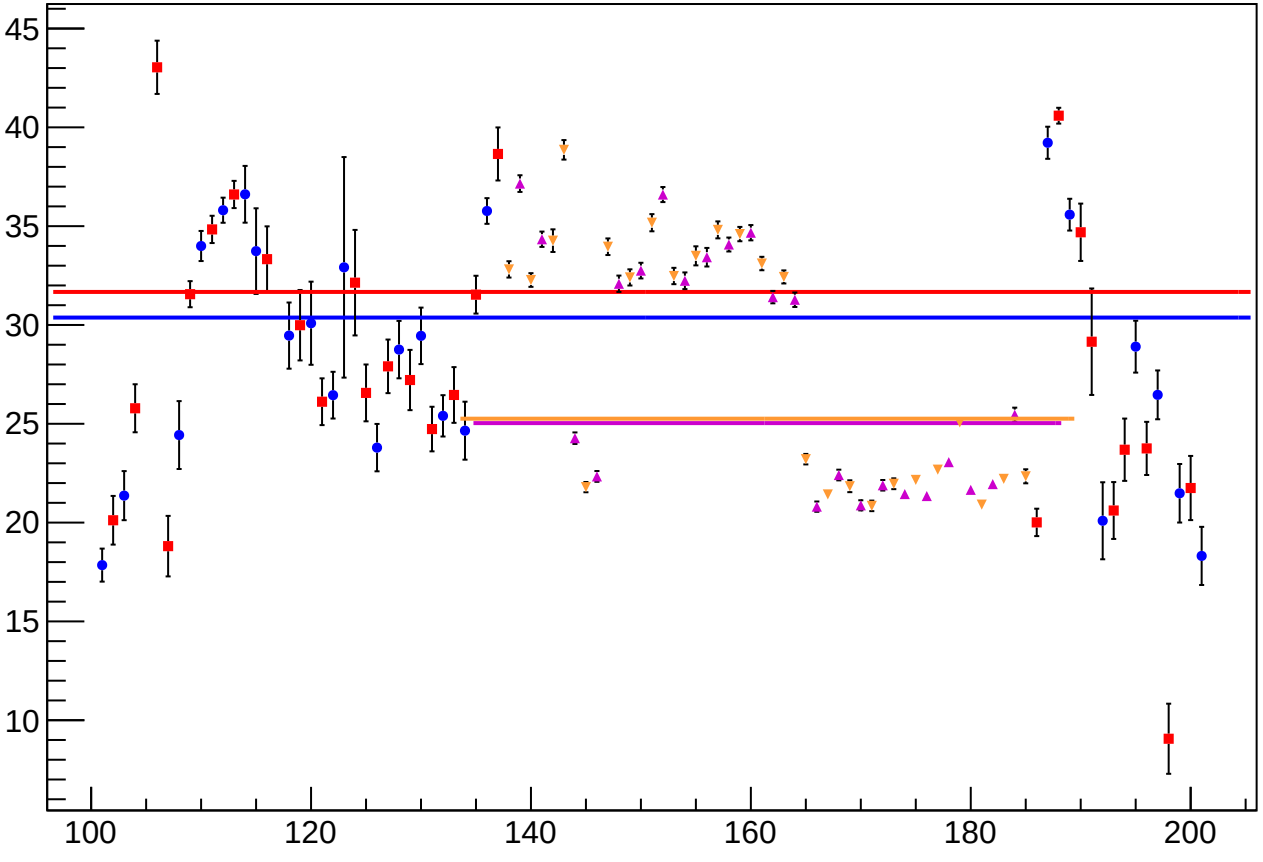
Right: -2.882+/-0.104 χ^2/NDF: 828.3/50

In: -2.180+/-0.046 χ^2/NDF:996.2/46

Out: -2.242+/-0.045 χ^2/NDF:1142.9/51

All: -2.211+/-0.032 χ^2/NDF: 2140.0/98

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.375+/-0.226 χ^2/NDF: 859.5/23

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.672+/-0.197 χ^2/NDF: 1561.1/26

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

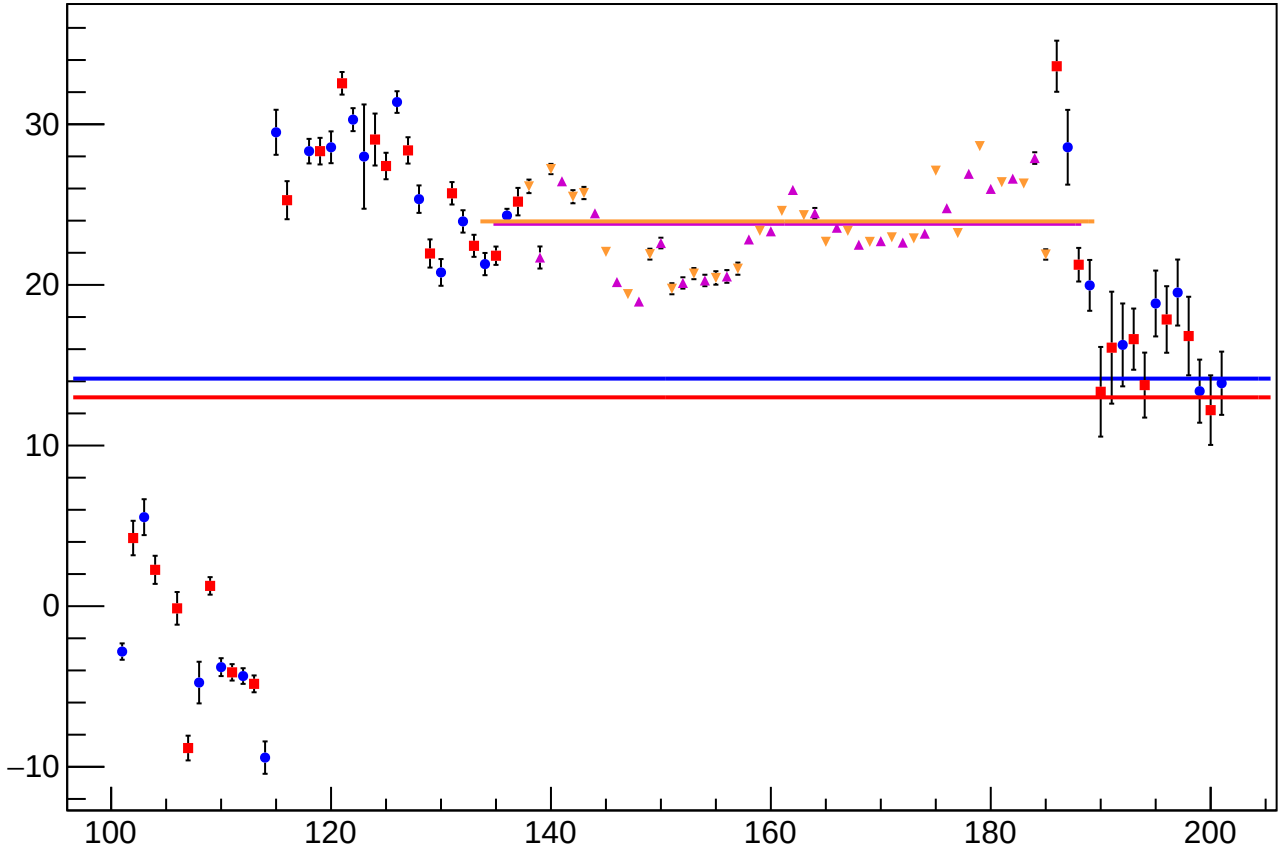
Right: 31.113+/-0.148 χ^2/NDF: 2439.3/50

In: 25.378+/-0.057 χ^2/NDF:9070.9/46

Out: 25.785+/-0.056 χ^2/NDF:10671.3/51

All: 25.585+/-0.040 χ^2/NDF: 19767.8/98

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.167+/-0.168 χ^2/NDF: 7458.1/23

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 13.001+/-0.167 χ^2/NDF: 7216.1/26

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

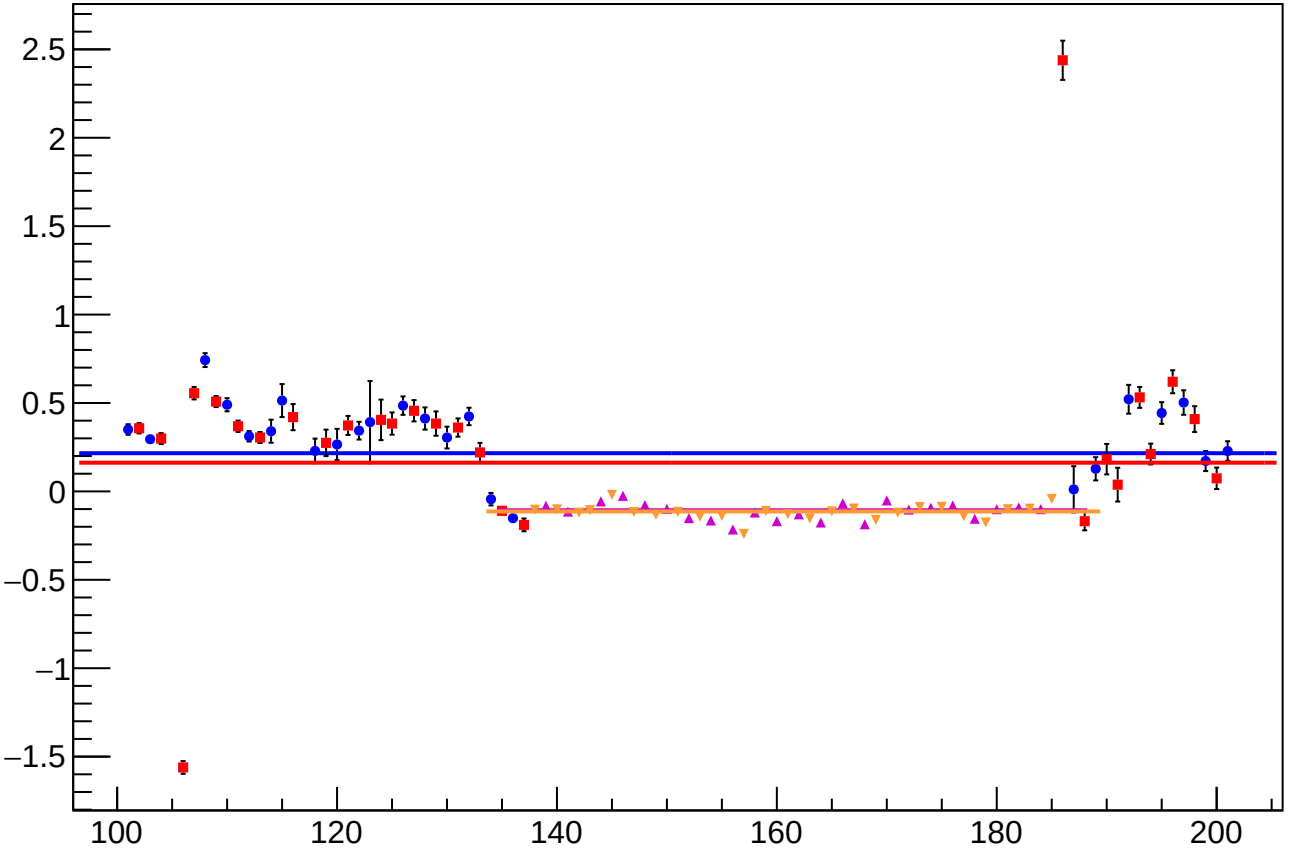
Right: 13.582+/-0.118 χ^2/NDF: 14698.4/50

In: 22.903+/-0.051 χ^2/NDF:12211.0/46

Out: 22.946+/-0.051 χ^2/NDF:13027.1/51

All: 22.925+/-0.036 χ^2/NDF: 25238.4/98

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.216+/-0.009 χ^2/NDF: 897.3/23

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.162+/-0.009 χ^2/NDF: 3582.1/26

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

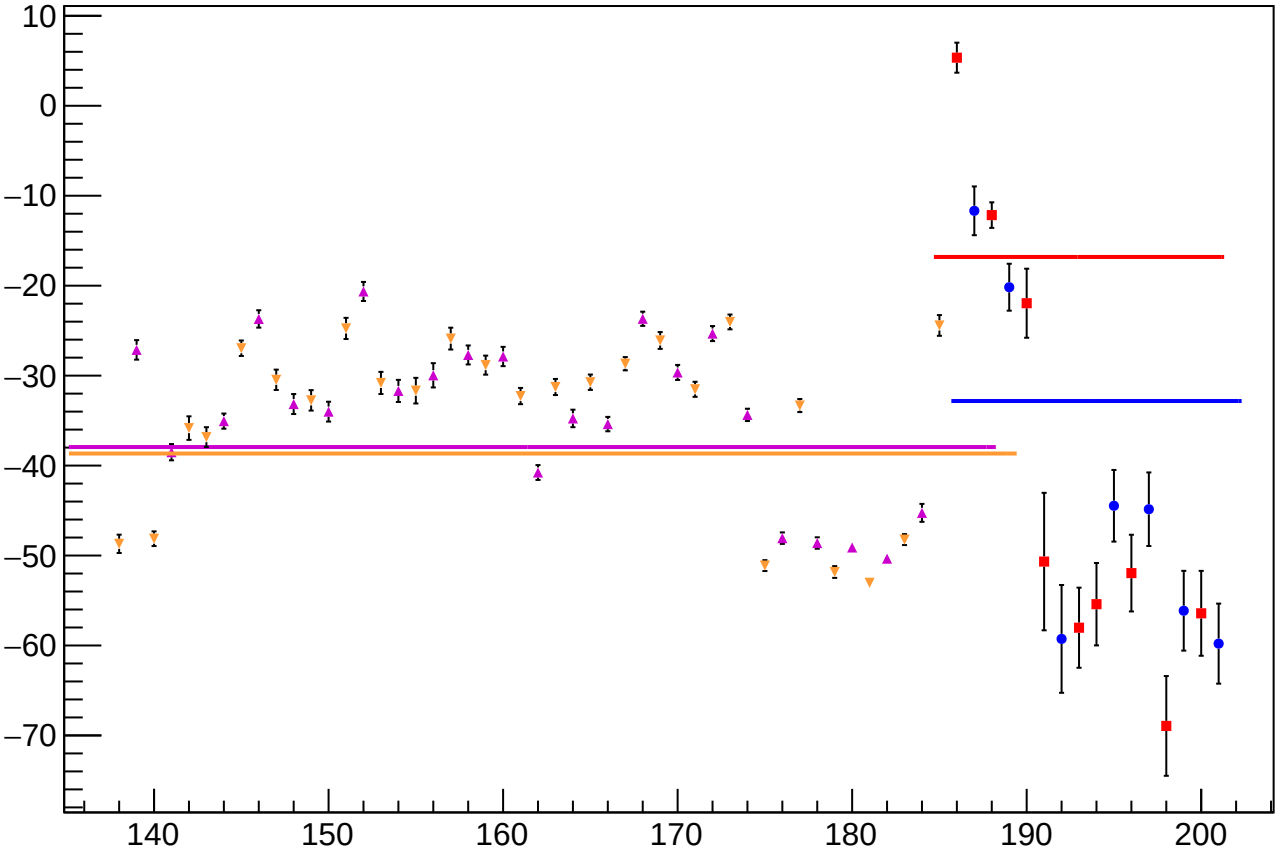
Right: 0.188+/-0.006 χ^2/NDF: 4498.6/50

In: -0.083+/-0.002 χ^2/NDF:2471.5/46

Out: -0.093+/-0.002 χ^2/NDF:4841.5/51

All: -0.088+/-0.002 χ^2/NDF: 7321.4/98

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.823+/-1.367 χ^2/NDF: 185.4/6

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -16.808+/-0.925 χ^2/NDF: 591.8/8

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

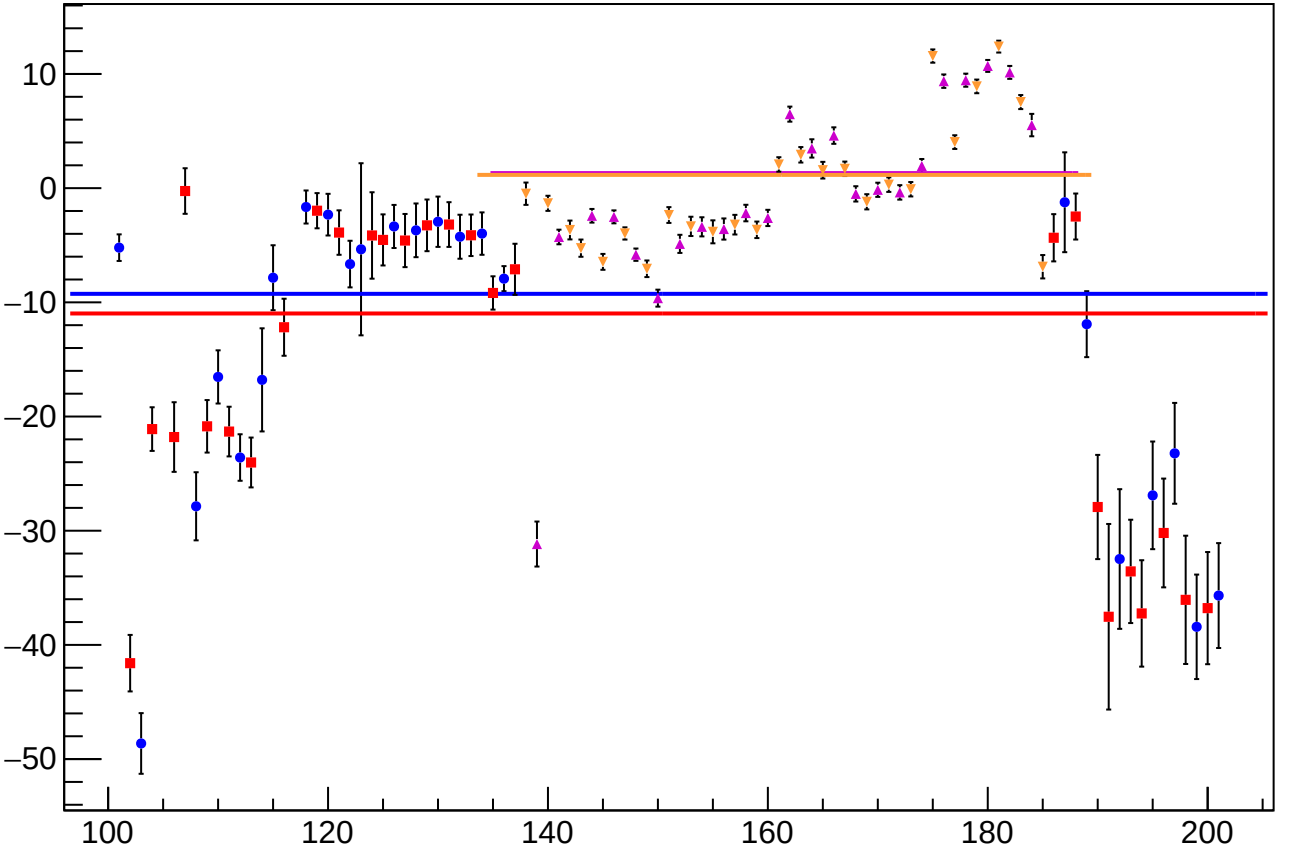
Right: -21.835+/-0.766 χ^2/NDF: 871.4/15

In: -37.859+/-0.171 χ^2/NDF:3332.5/29

Out: -37.951+/-0.167 χ^2/NDF:5206.0/33

All: -37.906+/-0.119 χ^2/NDF: 8538.6/63

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.255+/-0.444 χ^2/NDF: 533.2/23

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.975+/-0.452 χ^2/NDF: 585.4/26

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

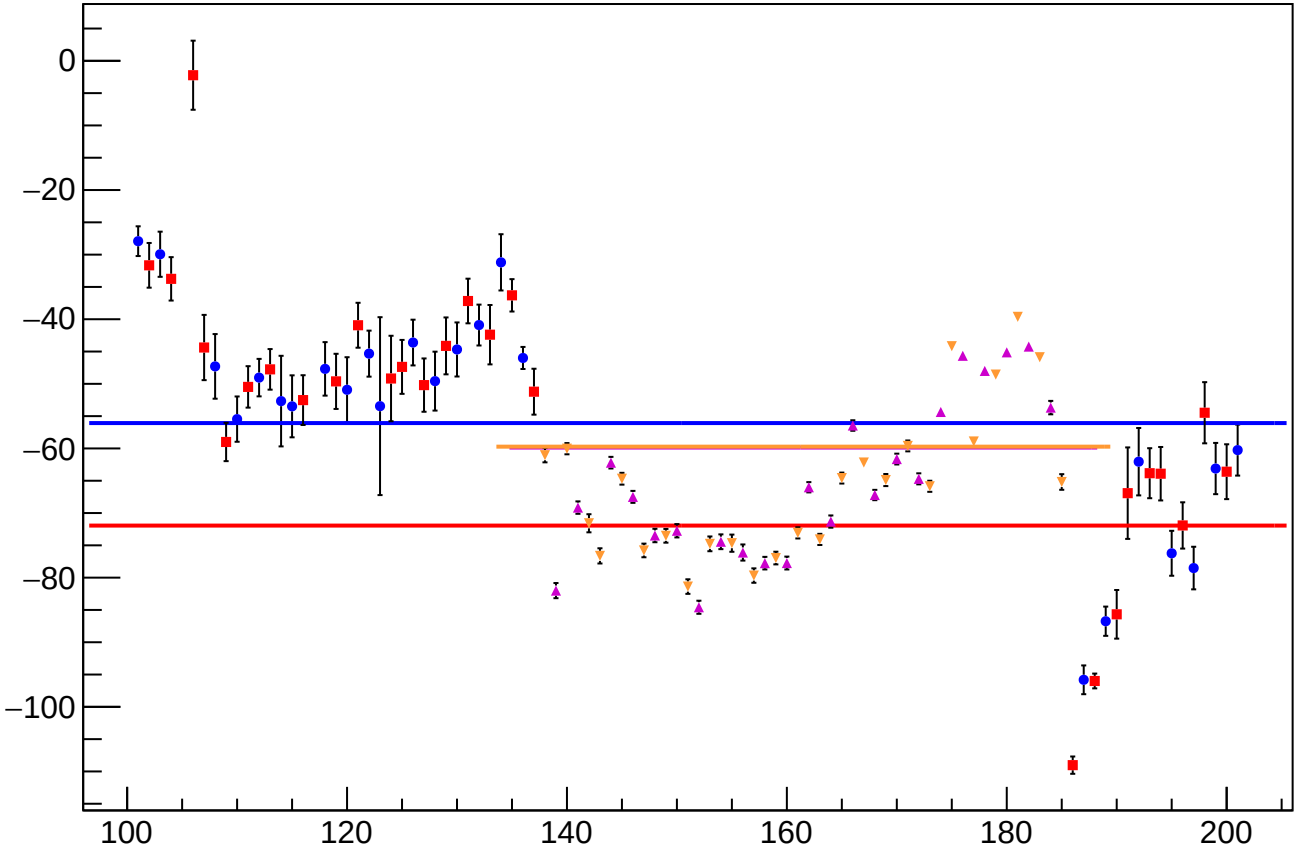
Right: -10.099+/-0.317 χ^2/NDF: 1125.9/50

In: 0.369+/-0.133 χ^2/NDF:3130.2/46

Out: 0.152+/-0.131 χ^2/NDF:3031.9/51

All: 0.258+/-0.093 χ^2/NDF: 6163.4/98

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.073+/-0.678 χ^2/NDF: 929.2/23

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -71.942+/-0.574 χ^2/NDF: 2461.3/26

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

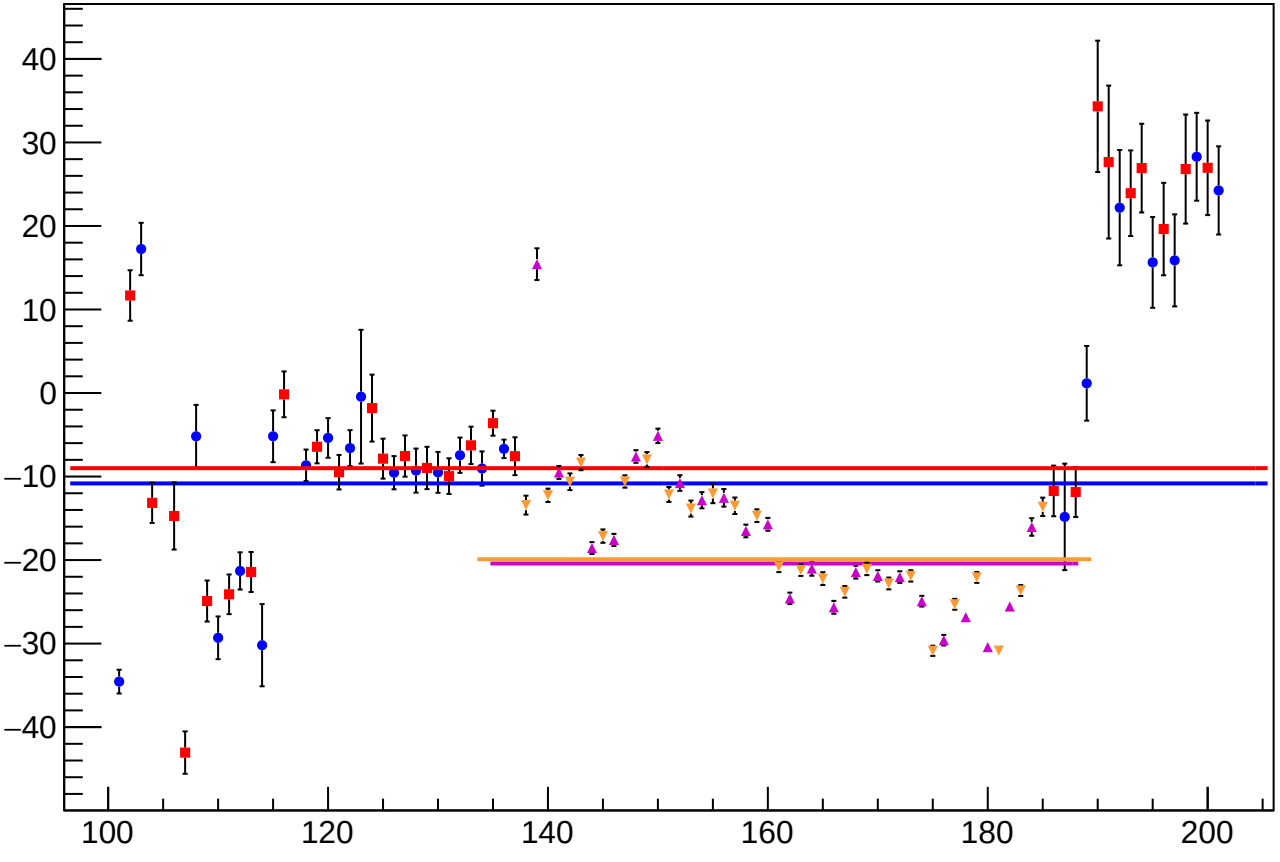
Right: -65.325+/-0.438 χ^2/NDF: 3709.5/50

In: -59.634+/-0.167 χ^2/NDF:6233.6/46

Out: -60.715+/-0.163 χ^2/NDF:8667.7/51

All: -60.187+/-0.117 χ^2/NDF: 14922.7/98

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.825+/-0.504 χ^2/NDF: 661.6/23

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -9.000+/-0.522 χ^2/NDF: 604.3/26

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

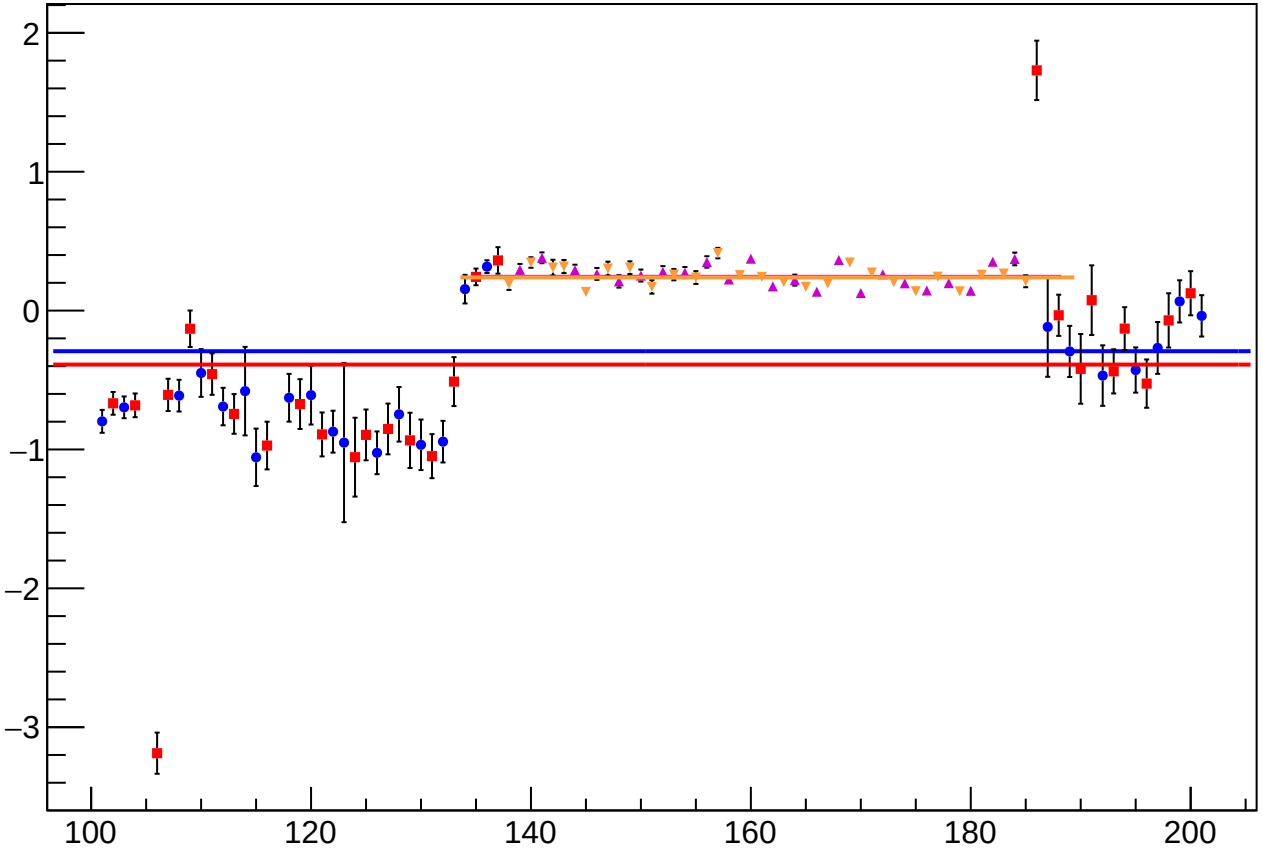
Right: -9.945+/-0.363 χ^2/NDF: 1272.2/50

In: -19.572+/-0.149 χ^2/NDF:3337.2/46

Out: -19.039+/-0.147 χ^2/NDF:2910.2/51

All: -19.302+/-0.105 χ^2/NDF: 6253.8/98

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.293+/-0.026 χ^2/NDF: 382.8/23

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.389+/-0.026 χ^2/NDF: 759.0/26

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

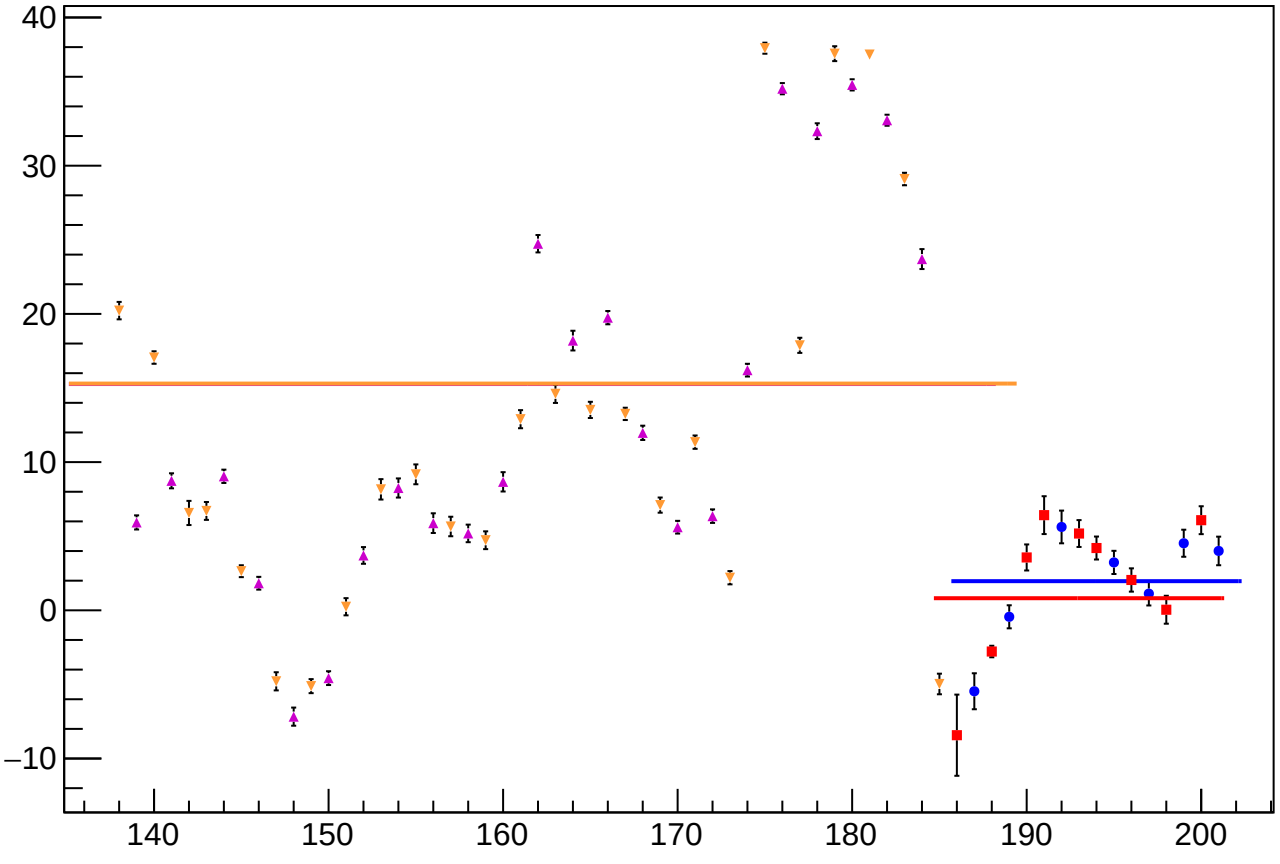
Right: -0.340+/-0.018 χ^2/NDF: 1148.8/50

In: 0.204+/-0.007 χ^2/NDF:930.7/46

Out: 0.195+/-0.007 χ^2/NDF:1402.6/51

All: 0.200+/-0.005 χ^2/NDF: 2334.1/98

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.967+/-0.340 χ^2/NDF: 74.1/6

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 0.817+/-0.255 χ^2/NDF: 202.7/8

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

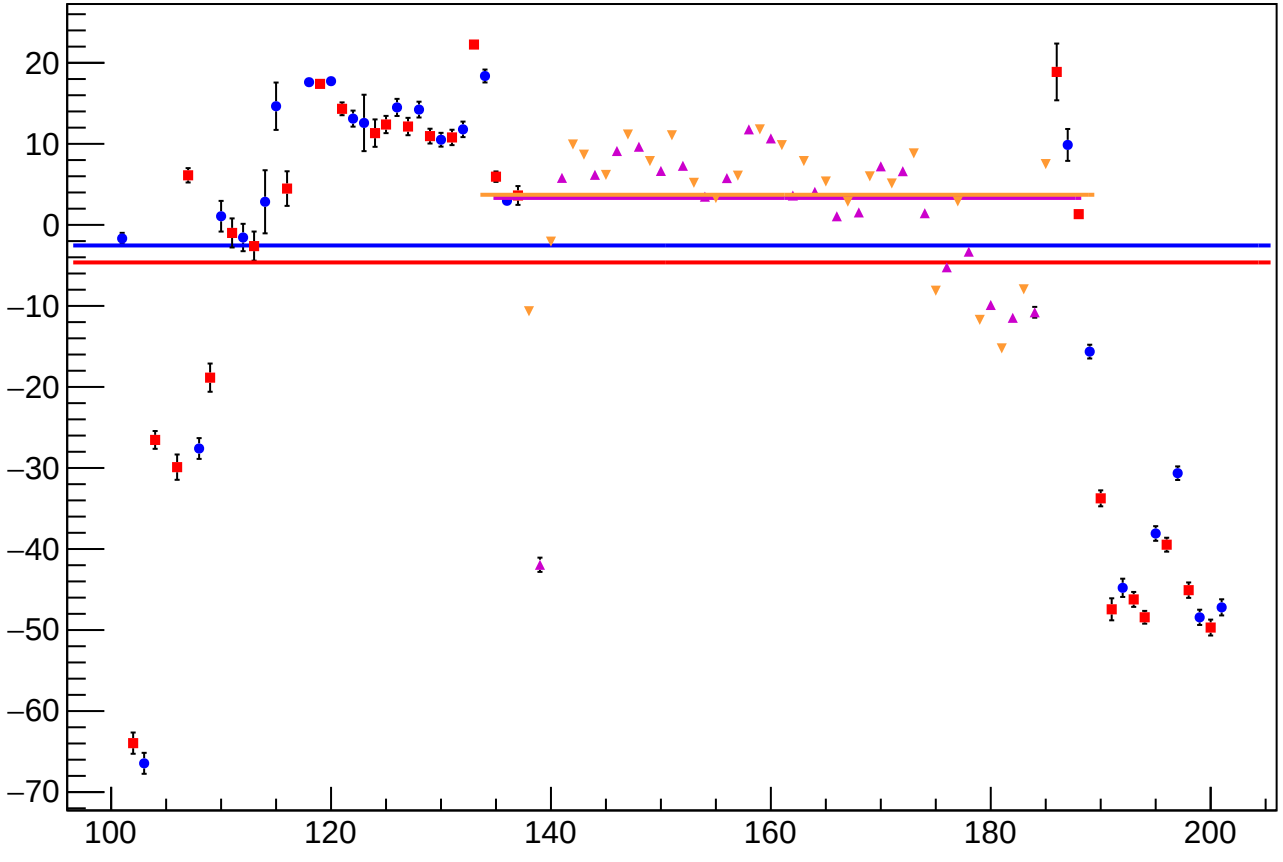
Right: 1.230+/-0.204 χ^2/NDF: 284.1/15

In: 14.169+/-0.098 χ^2/NDF:17882.0/29

Out: 13.342+/-0.094 χ^2/NDF:22132.7/33

All: 13.737+/-0.068 χ^2/NDF: 40052.0/63

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.540+/-0.186 χ^2/NDF: 16527.5/23

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -4.635+/-0.174 χ^2/NDF: 22861.0/26

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

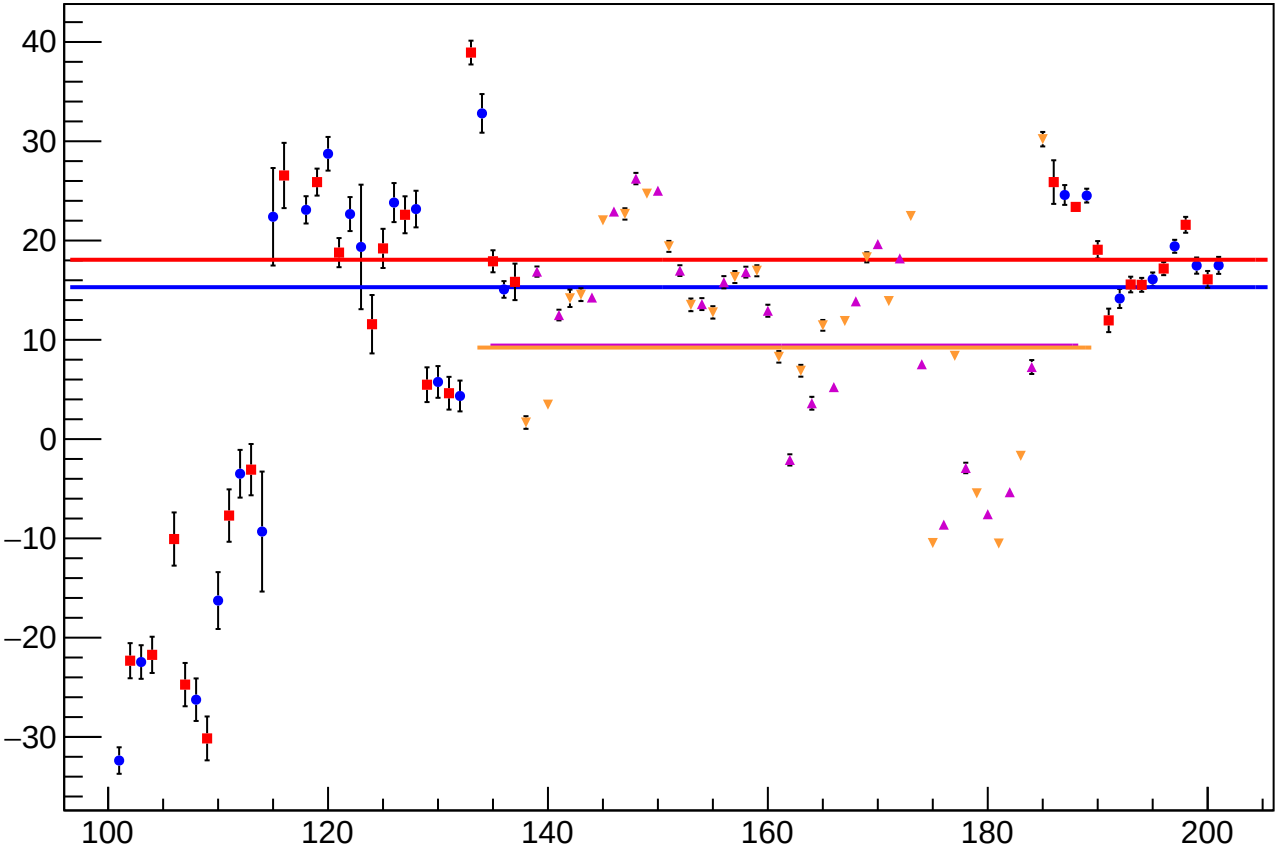
Right: -3.657+/-0.127 χ^2/NDF: 39455.9/50

In: 2.394+/-0.074 χ^2/NDF:26192.2/46

Out: 2.295+/-0.072 χ^2/NDF:33967.3/51

All: 2.343+/-0.052 χ^2/NDF: 60160.5/98

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.302+/-0.241 χ^2/NDF: 2984.6/23

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.065+/-0.193 χ^2/NDF: 2979.2/26

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

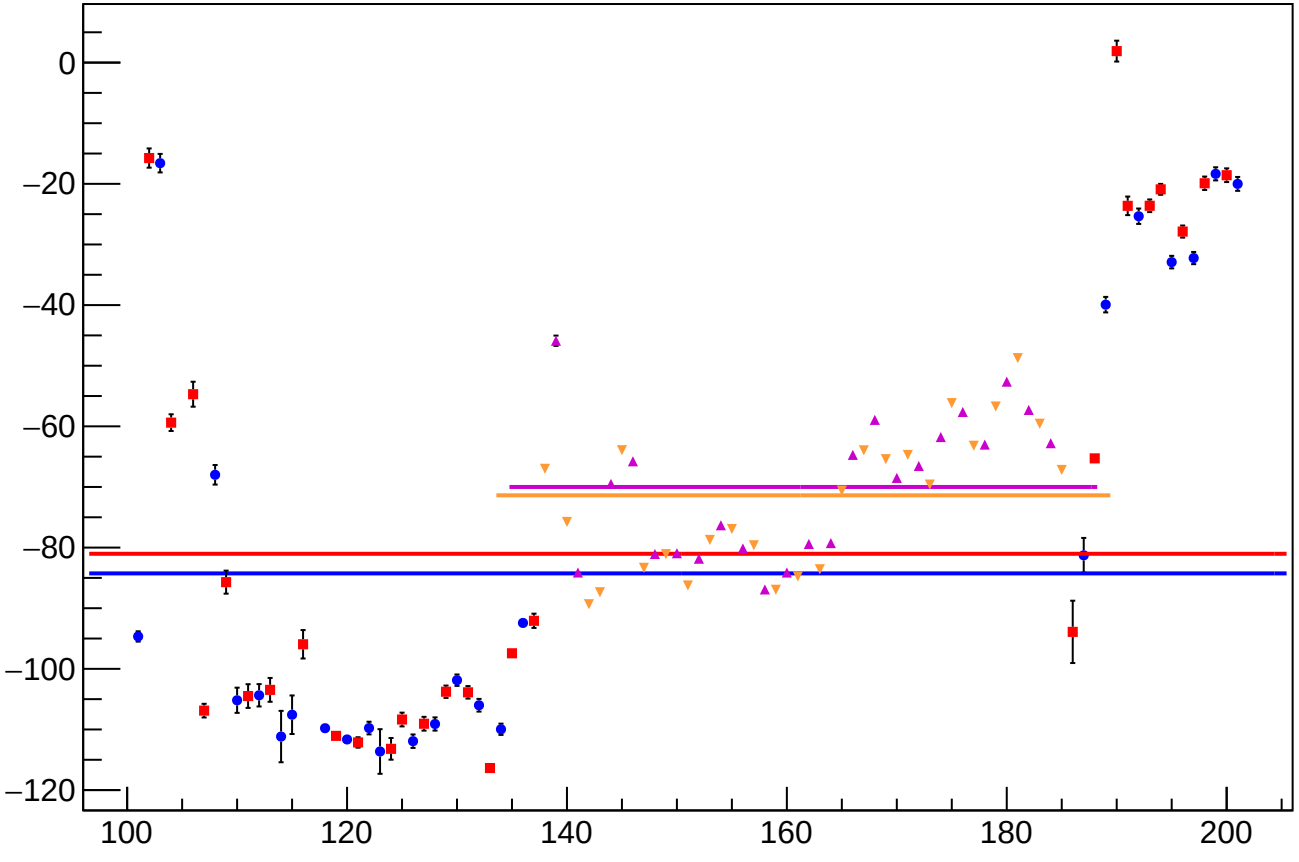
Right: 16.986+/-0.151 χ^2/NDF: 6043.9/50

In: 10.314+/-0.094 χ^2/NDF:15568.3/46

Out: 11.126+/-0.090 χ^2/NDF:18245.5/51

All: 10.739+/-0.065 χ^2/NDF: 33852.9/98

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -84.257+/-0.217 χ^2/NDF: 24270.6/23

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -81.021+/-0.206 χ^2/NDF: 33908.1/26

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

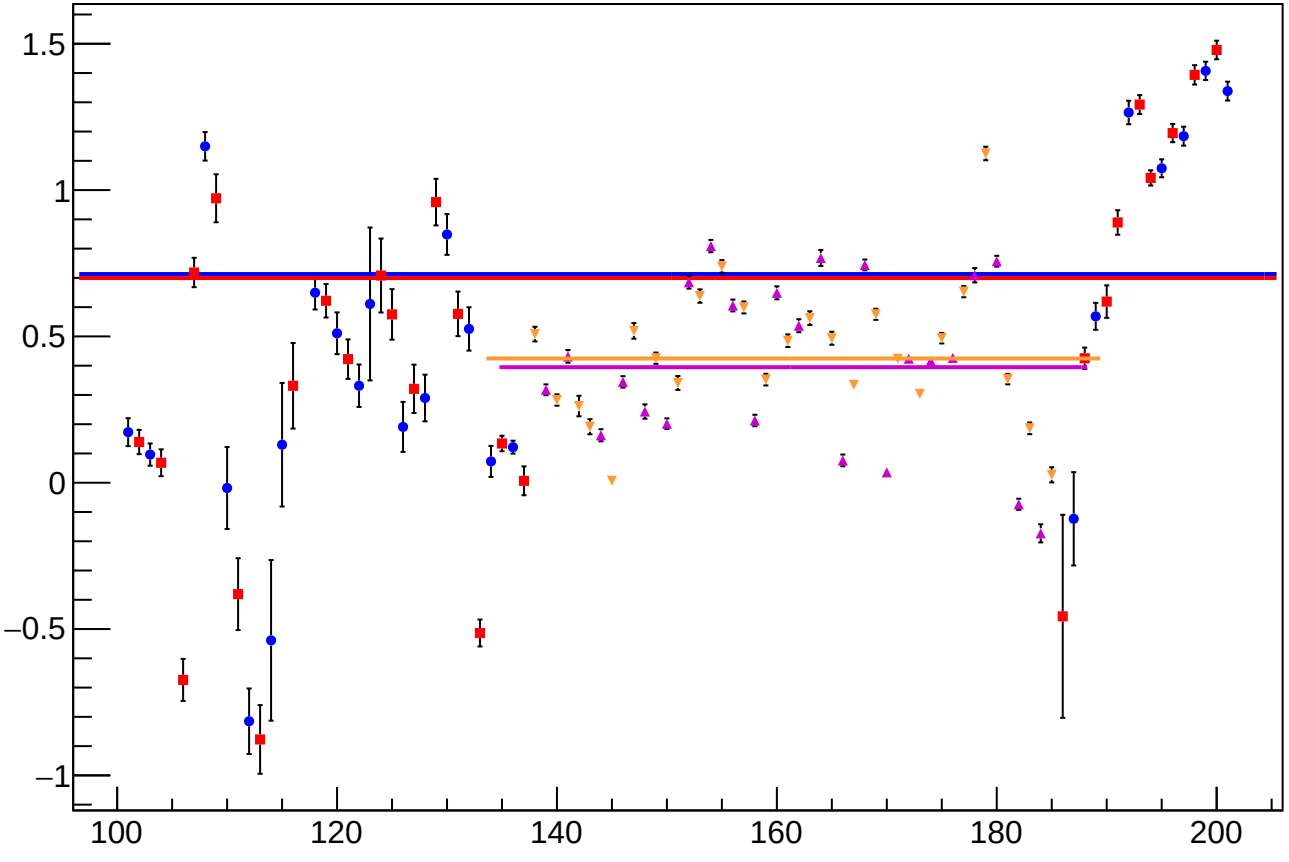
Right: -82.554+/-0.150 χ^2/NDF: 58295.3/50

In: -72.139+/-0.084 χ^2/NDF:41111.6/46

Out: -72.905+/-0.082 χ^2/NDF:51972.5/51

All: -72.532+/-0.059 χ^2/NDF: 93126.5/98

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.713+/-0.010 χ^2/NDF: 3135.6/23

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.699+/-0.009 χ^2/NDF: 4310.1/26

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

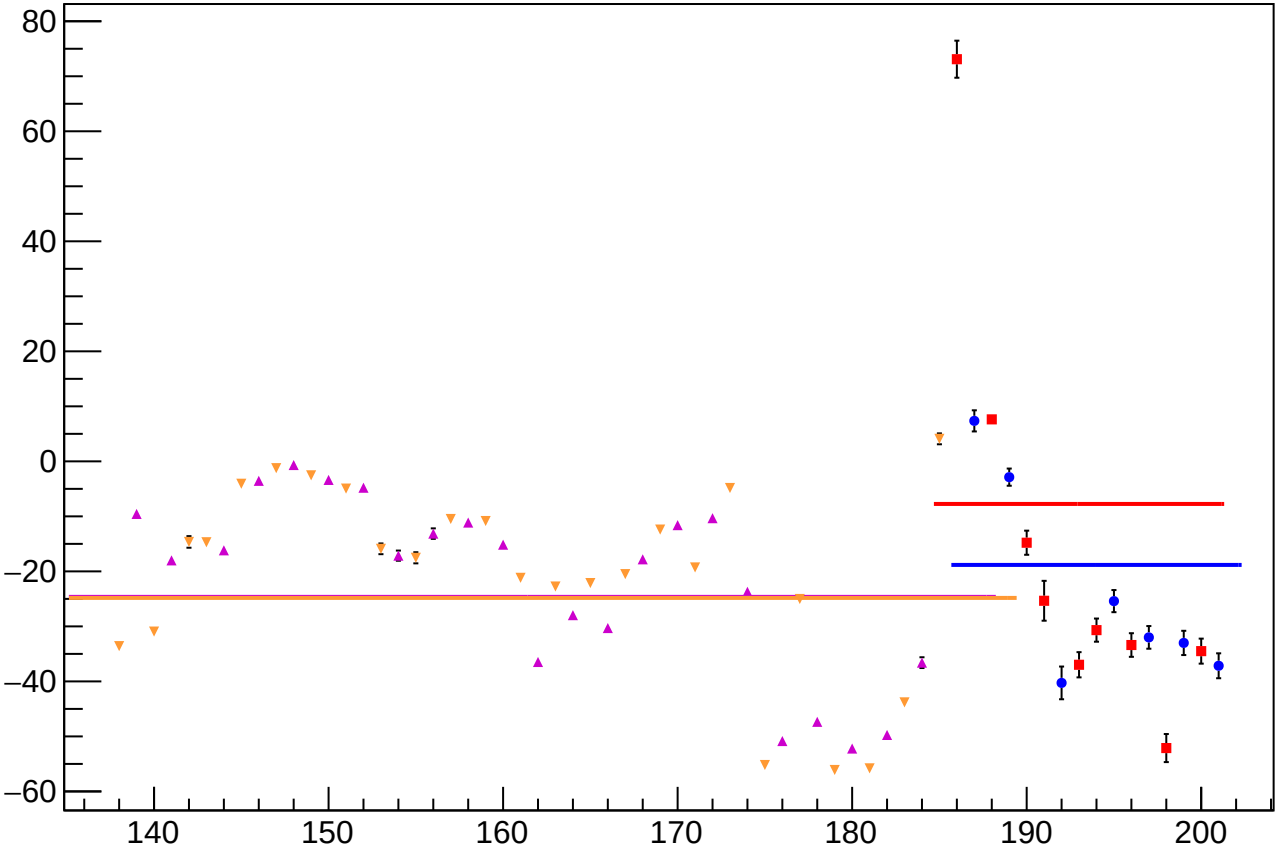
Right: 0.706+/-0.007 χ^2/NDF: 7446.9/50

In: 0.444+/-0.004 χ^2/NDF:8111.4/46

Out: 0.472+/-0.004 χ^2/NDF:7957.5/51

All: 0.458+/-0.003 χ^2/NDF: 16097.4/98

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.827+/-0.772 χ^2/NDF: 500.9/6

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -7.743+/-0.586 χ^2/NDF: 1843.6/8

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

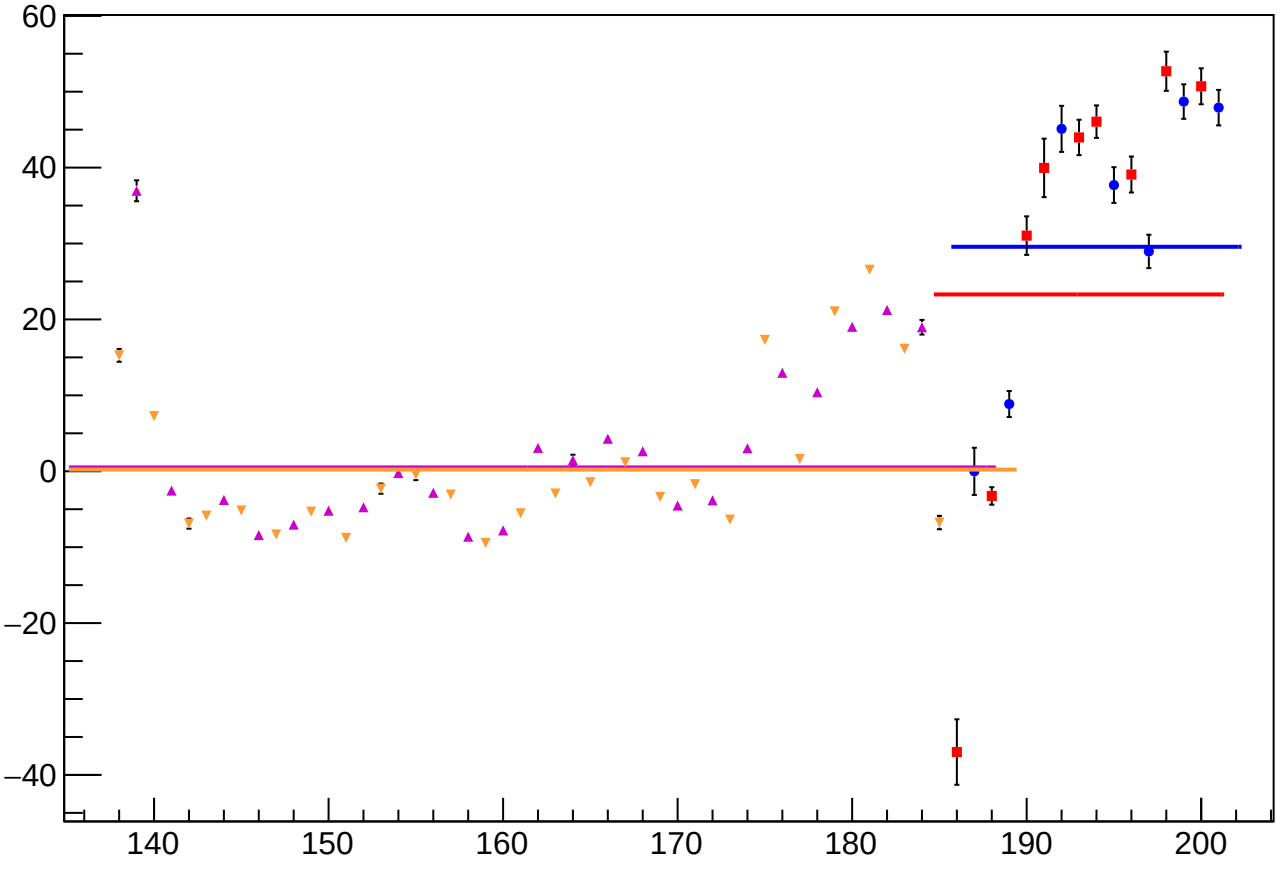
Right: -11.795+/-0.467 χ^2/NDF: 2475.3/15

In: -24.445+/-0.140 χ^2/NDF:15503.5/29

Out: -23.906+/-0.136 χ^2/NDF:20922.2/33

All: -24.168+/-0.097 χ^2/NDF: 36433.4/63

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.569+/-0.872 χ^2/NDF: 406.4/6

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 23.294+/-0.718 χ^2/NDF: 1253.8/8

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

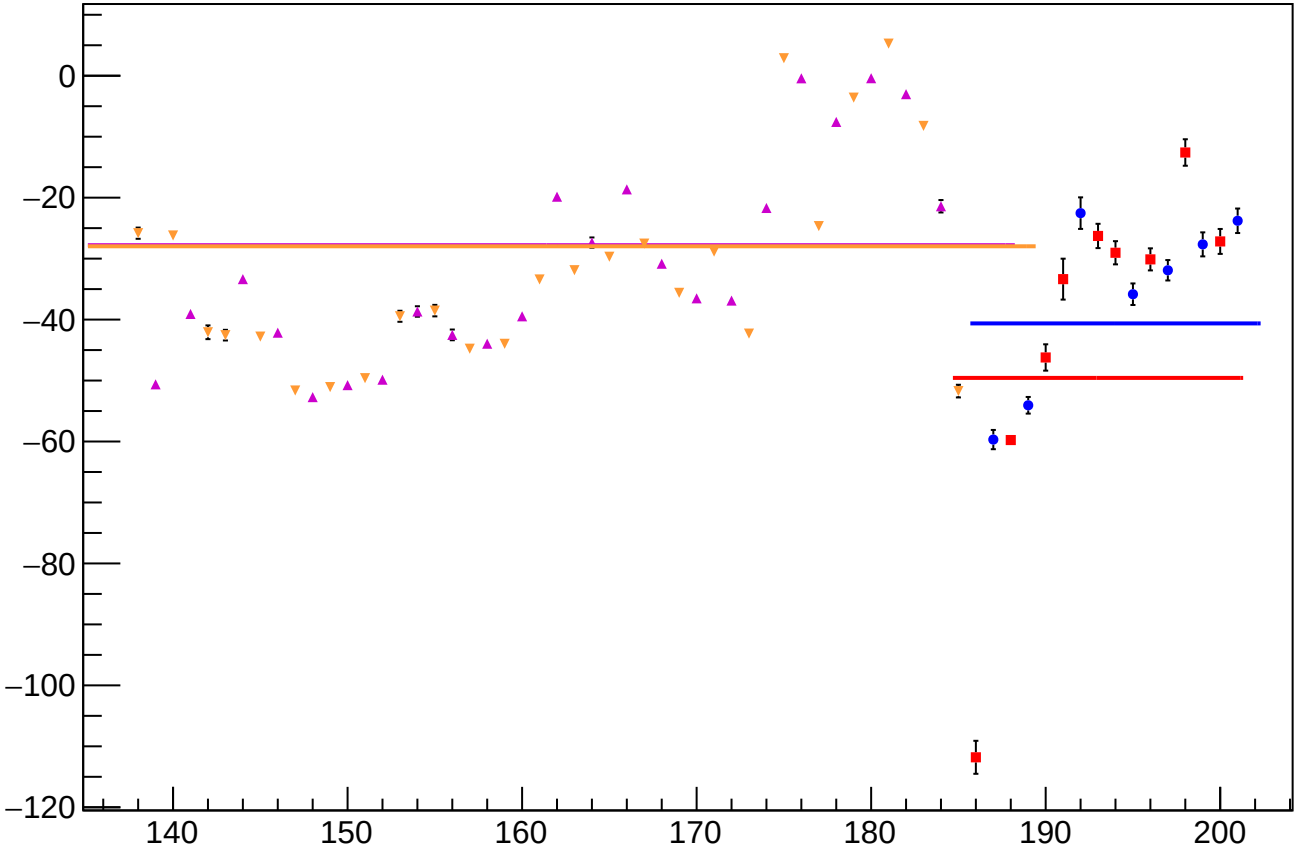
Right: 25.830+/-0.554 χ^2/NDF: 1691.1/15

In: 0.977+/-0.111 χ^2/NDF:8126.1/29

Out: 0.735+/-0.108 χ^2/NDF:10515.3/33

All: 0.852+/-0.077 χ^2/NDF: 18643.9/63

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.628+/-0.664 χ^2/NDF: 439.3/6

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -49.566+/-0.493 χ^2/NDF: 1580.6/8

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

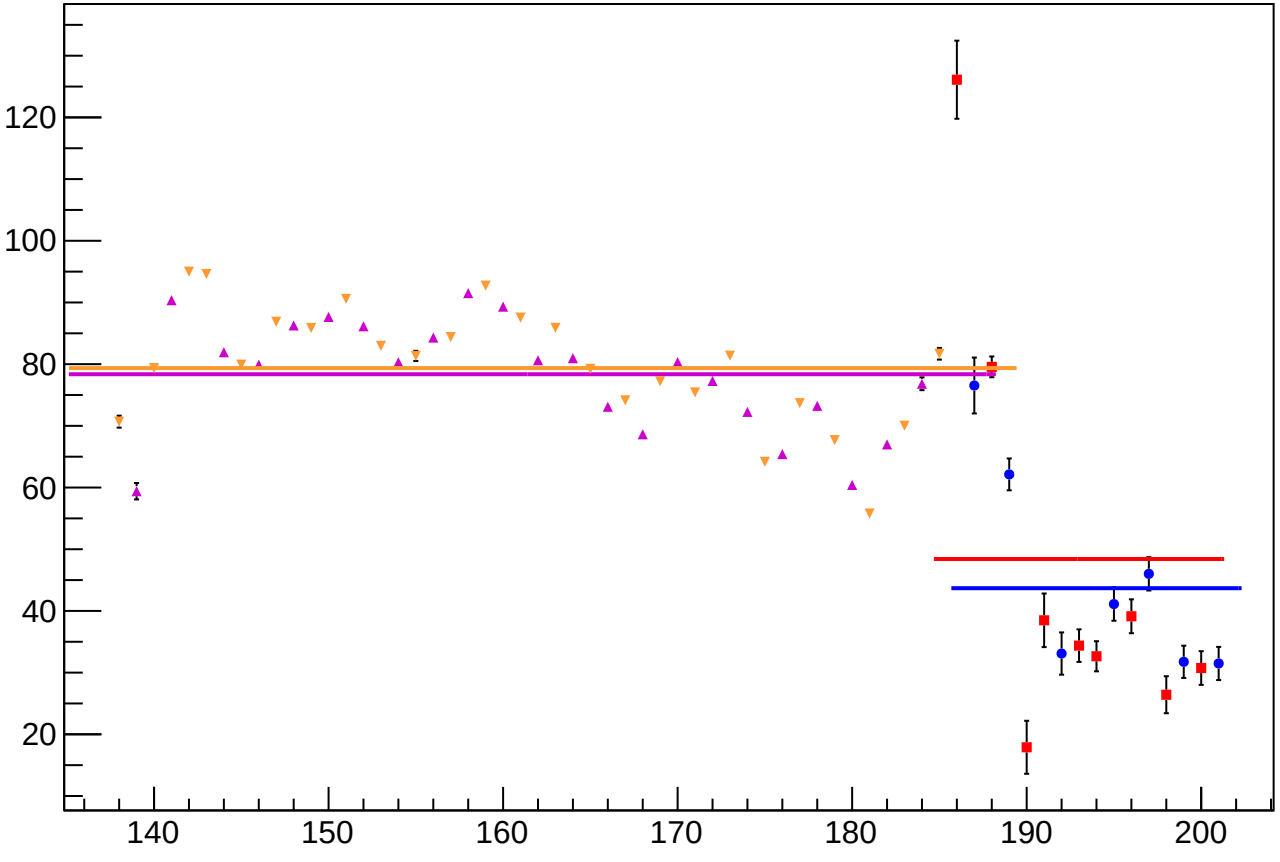
Right: -46.386+/-0.396 χ^2/NDF: 2136.7/15

In: -28.356+/-0.139 χ^2/NDF:15990.0/29

Out: -29.589+/-0.135 χ^2/NDF:20431.9/33

All: -28.990+/-0.097 χ^2/NDF: 36462.6/63

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.684+/-1.089 χ^2/NDF: 156.4/6

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 48.417+/-0.923 χ^2/NDF: 724.7/8

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

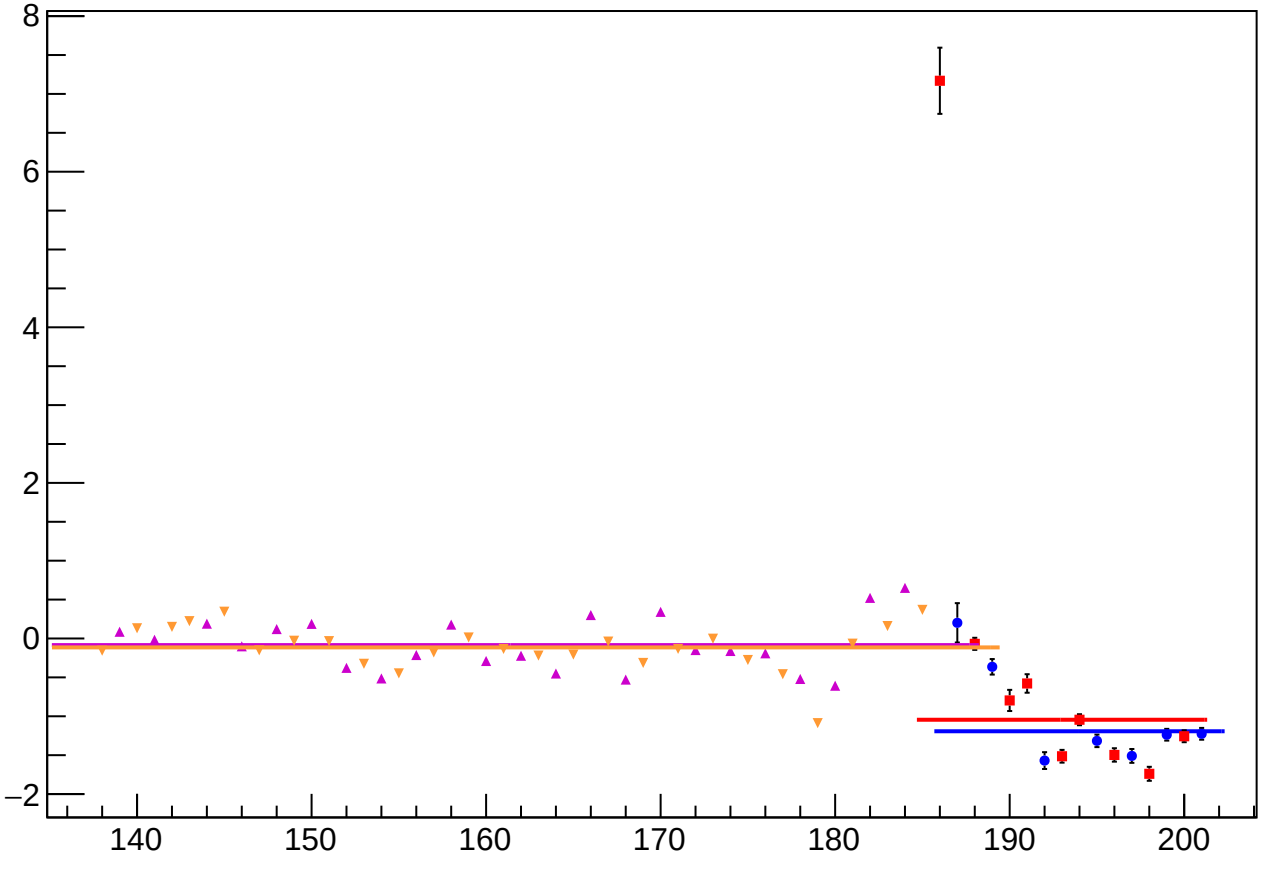
Right: 46.438+/-0.704 χ^2/NDF: 892.1/15

In: 77.907+/-0.125 χ^2/NDF:5892.5/29

Out: 78.820+/-0.122 χ^2/NDF:7794.9/33

All: 78.375+/-0.088 χ^2/NDF: 13714.6/63

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.193+/-0.035 χ^2/NDF: 126.9/6

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -1.045+/-0.031 χ^2/NDF: 676.3/8

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

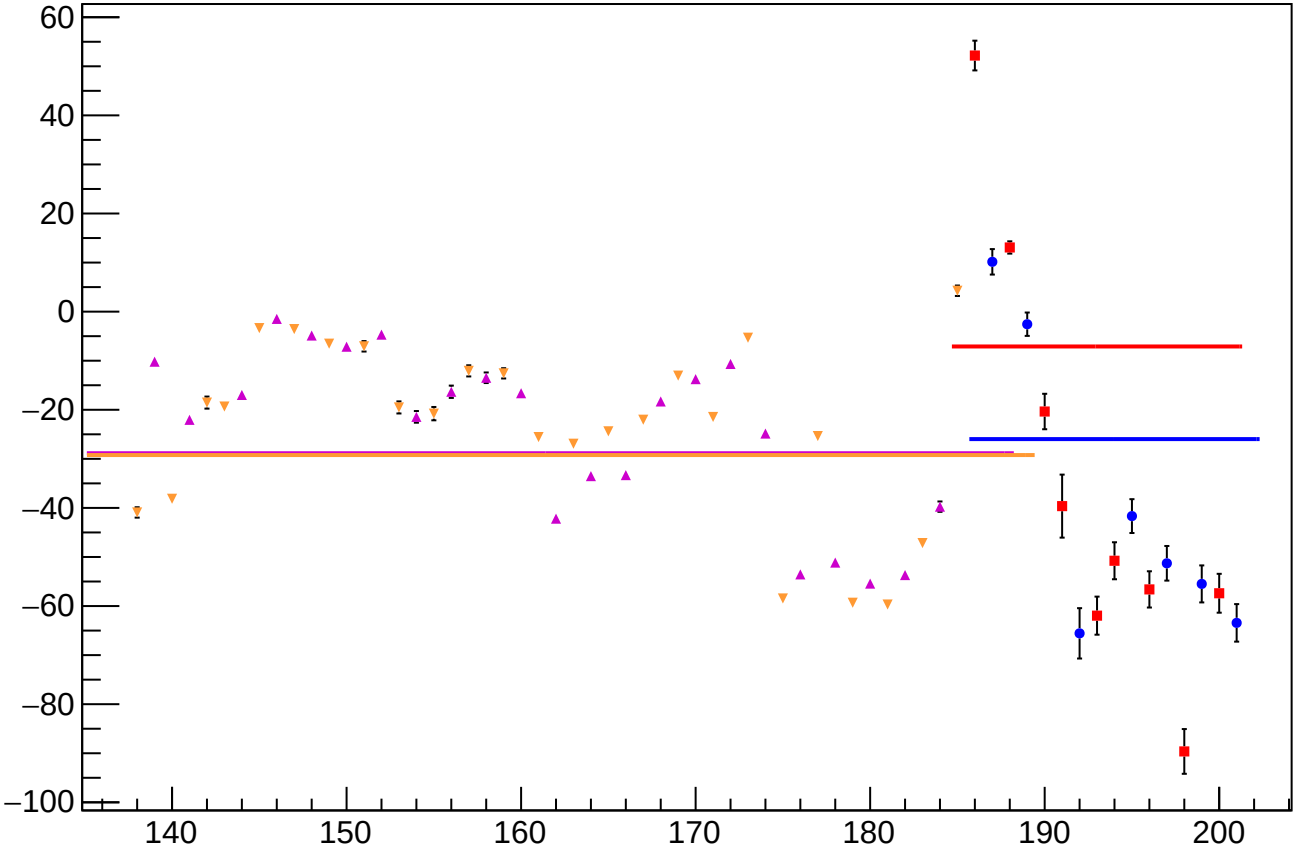
Right: -1.109+/-0.023 χ^2/NDF: 813.5/15

In: -0.115+/-0.006 χ^2/NDF:4267.9/29

Out: -0.146+/-0.006 χ^2/NDF:3861.3/33

All: -0.131+/-0.004 χ^2/NDF: 8144.3/63

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.976+/-1.225 χ^2/NDF: 579.2/6

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -7.099+/-0.925 χ^2/NDF: 1684.2/8

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

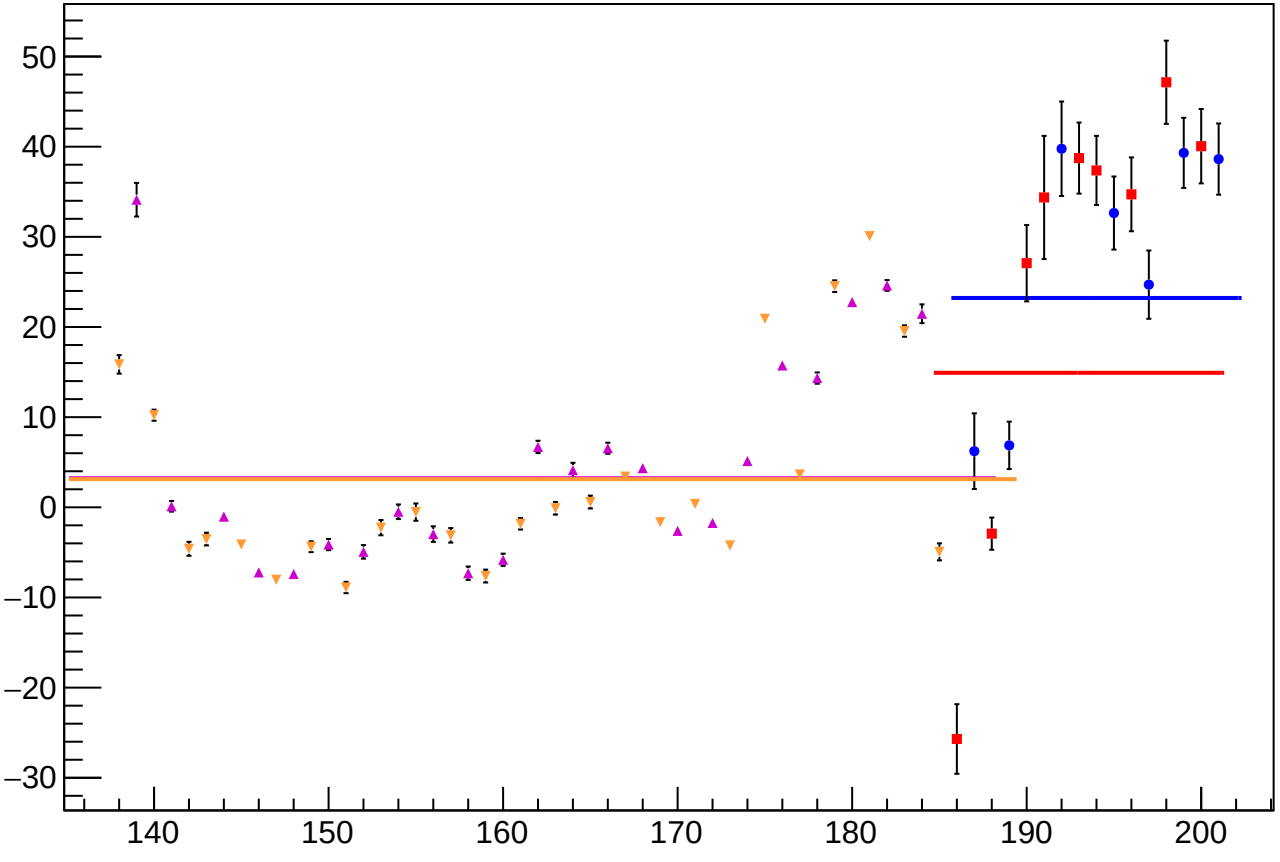
Right: -13.948+/-0.738 χ^2/NDF: 2414.6/15

In: -28.809+/-0.158 χ^2/NDF:14138.2/29

Out: -28.607+/-0.155 χ^2/NDF:19120.7/33

All: -28.706+/-0.110 χ^2/NDF: 33259.8/63

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.222+/-1.416 χ^2/NDF: 102.9/6

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 14.920+/-1.150 χ^2/NDF: 407.0/8

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

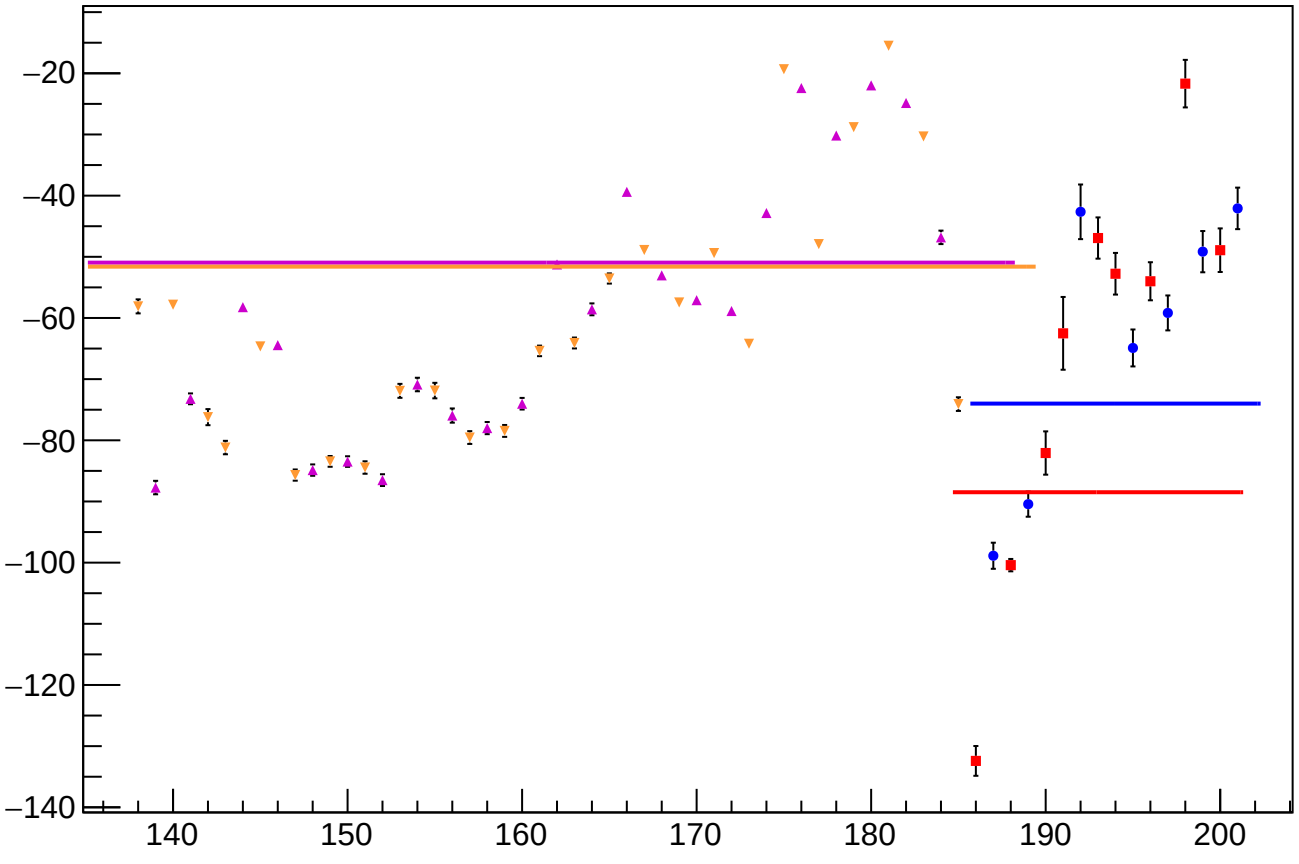
Right: 18.221+/-0.893 χ^2/NDF: 530.7/15

In: 3.382+/-0.126 χ^2/NDF:6574.8/29

Out: 3.263+/-0.124 χ^2/NDF:8560.0/33

All: 3.321+/-0.088 χ^2/NDF: 15135.3/63

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.998+/-1.047 χ^2/NDF: 427.6/6

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -88.488+/-0.772 χ^2/NDF: 1290.2/8

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

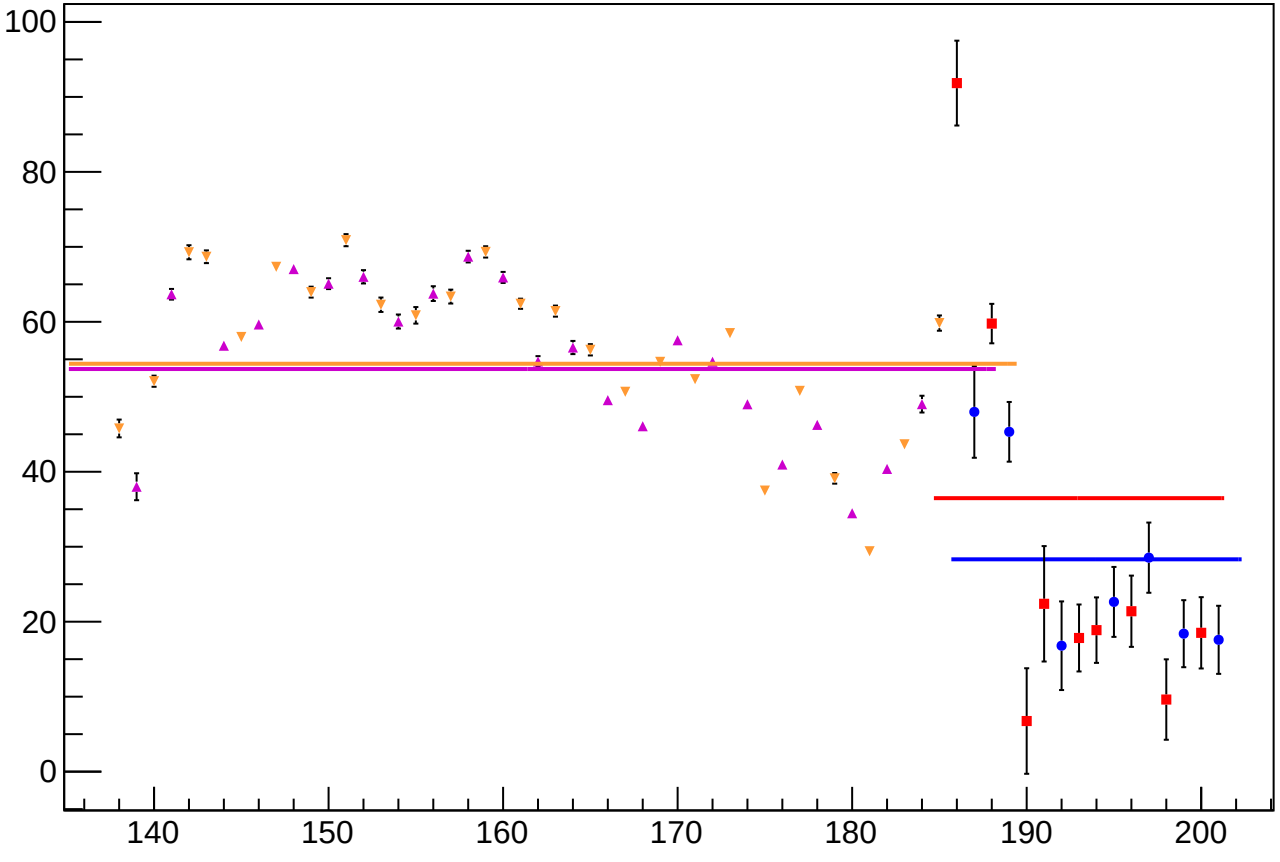
Right: -83.383+/-0.621 χ^2/NDF: 1841.9/15

In: -51.477+/-0.158 χ^2/NDF:18373.5/29

Out: -53.095+/-0.155 χ^2/NDF:22865.1/33

All: -52.300+/-0.110 χ^2/NDF: 41292.2/63

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.320+/-1.800 χ^2/NDF: 44.4/6

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 36.478+/-1.510 χ^2/NDF: 278.3/8

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

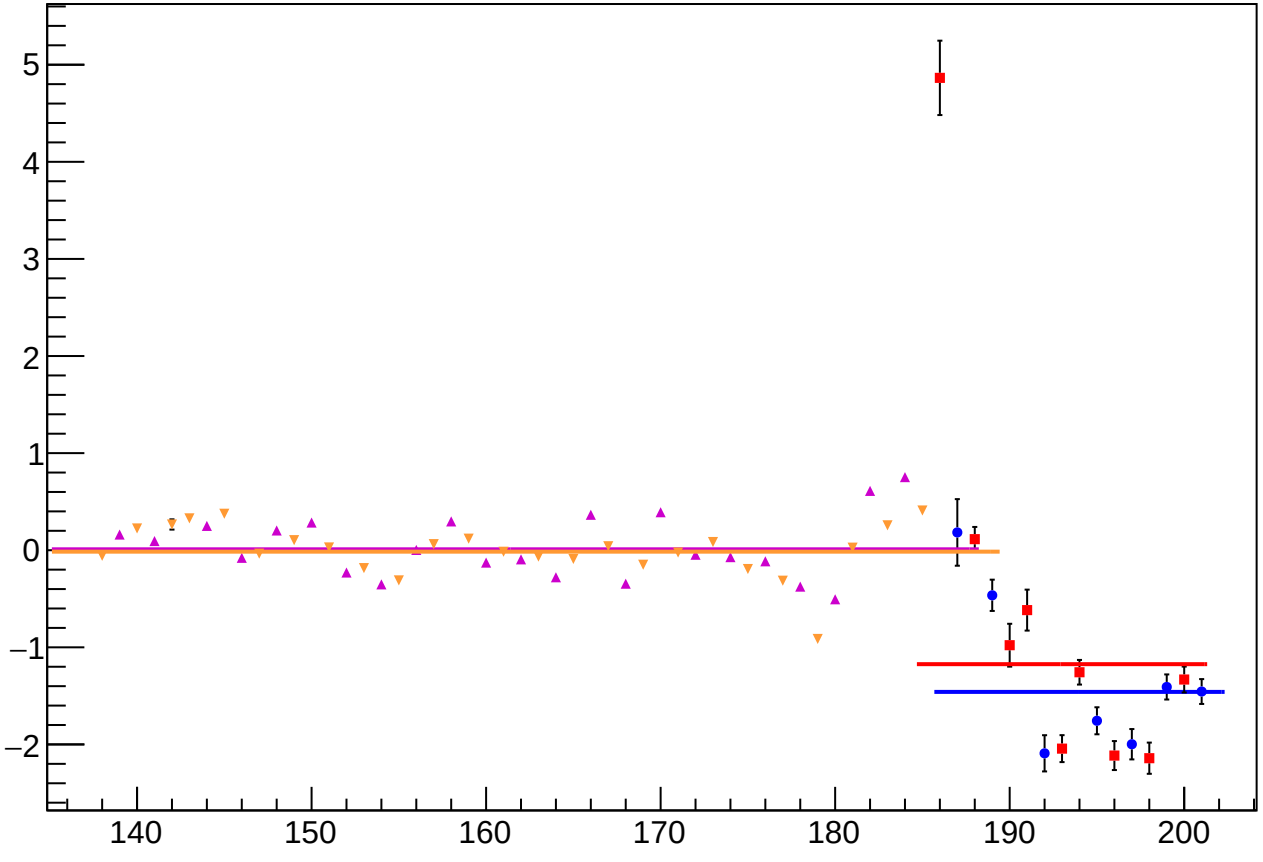
Right: 33.109+/-1.157 χ^2/NDF: 334.7/15

In: 53.545+/-0.142 χ^2/NDF:4845.4/29

Out: 54.253+/-0.140 χ^2/NDF:6618.5/33

All: 53.905+/-0.100 χ^2/NDF: 11476.4/63

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.459+/-0.059 χ^2/NDF: 89.2/6

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -1.173+/-0.052 χ^2/NDF: 478.3/8

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

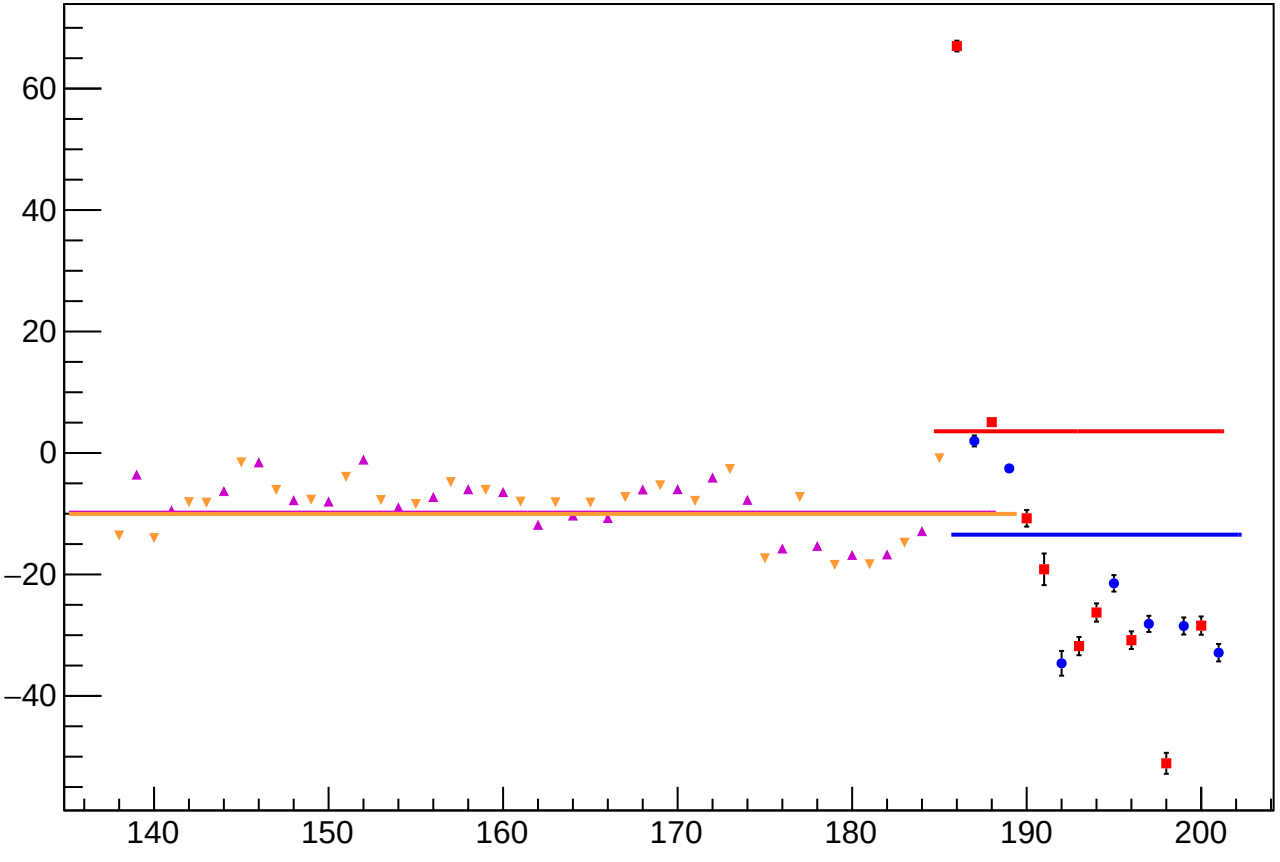
Right: -1.299+/-0.039 χ^2/NDF: 580.7/15

In: -0.008+/-0.006 χ^2/NDF:2934.4/29

Out: -0.032+/-0.006 χ^2/NDF:2609.5/33

All: -0.020+/-0.005 χ^2/NDF: 5550.6/63

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.446+/-0.446 χ^2/NDF: 1028.9/6

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 3.572+/-0.331 χ^2/NDF: 8296.2/8

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

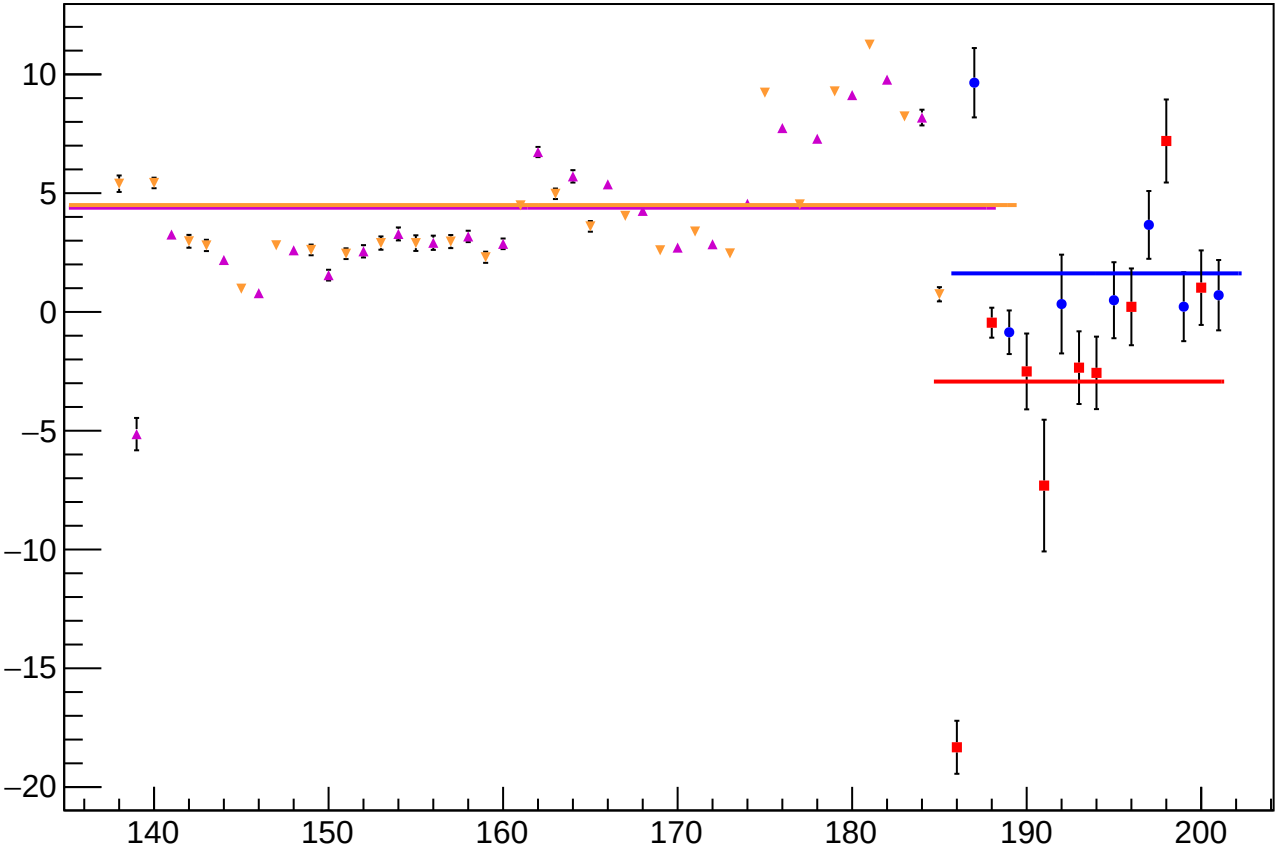
Right: -2.470+/-0.266 χ^2/NDF: 10264.1/15

In: -9.867+/-0.051 χ^2/NDF:10563.0/29

Out: -9.717+/-0.050 χ^2/NDF:22477.2/33

All: -9.791+/-0.036 χ^2/NDF: 33044.6/63

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.623+/-0.520 χ^2/NDF: 41.8/6

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -2.930+/-0.415 χ^2/NDF: 252.1/8

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

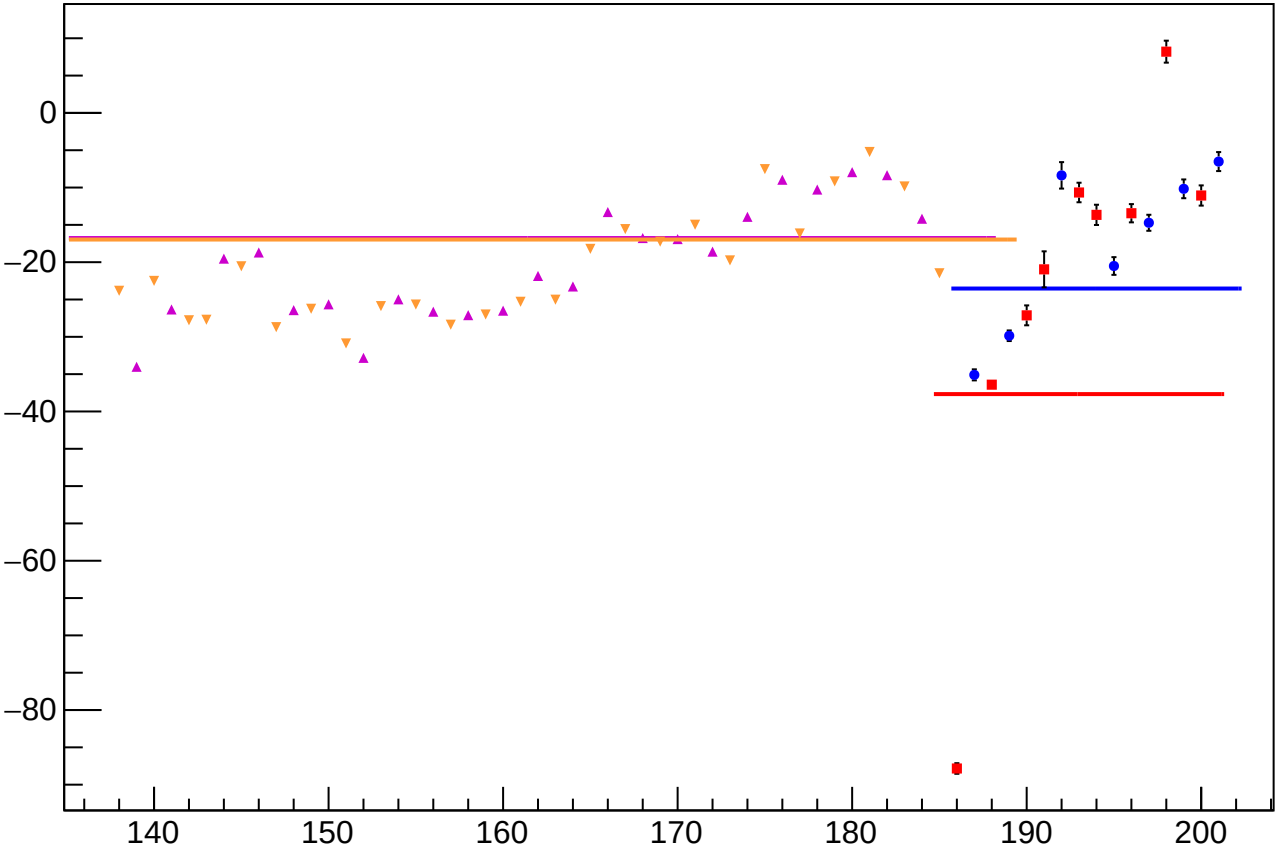
Right: -1.159+/-0.324 χ^2/NDF: 340.8/15

In: 4.371+/-0.041 χ^2/NDF:4336.3/29

Out: 4.428+/-0.041 χ^2/NDF:5379.2/33

All: 4.399+/-0.029 χ^2/NDF: 9716.4/63

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.530+/-0.379 χ^2/NDF: 761.1/6

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -37.673+/-0.275 χ^2/NDF: 7589.4/8

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

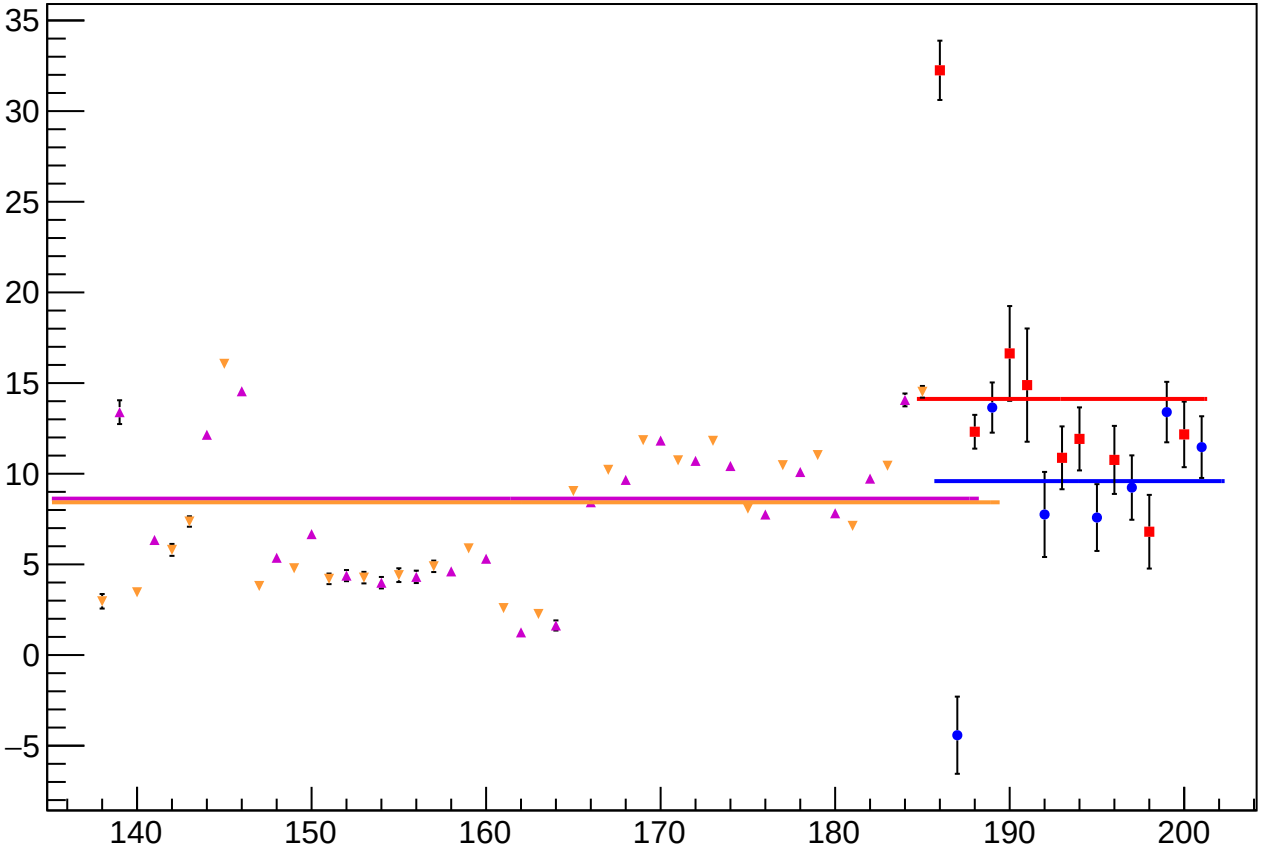
Right: -32.808+/-0.222 χ^2/NDF: 9262.2/15

In: -16.886+/-0.051 χ^2/NDF:20111.1/29

Out: -17.659+/-0.050 χ^2/NDF:34983.4/33

All: -17.277+/-0.036 χ^2/NDF: 55211.3/63

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.593+/-0.668 χ^2/NDF: 60.2/6

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 14.125+/-0.553 χ^2/NDF: 150.1/8

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

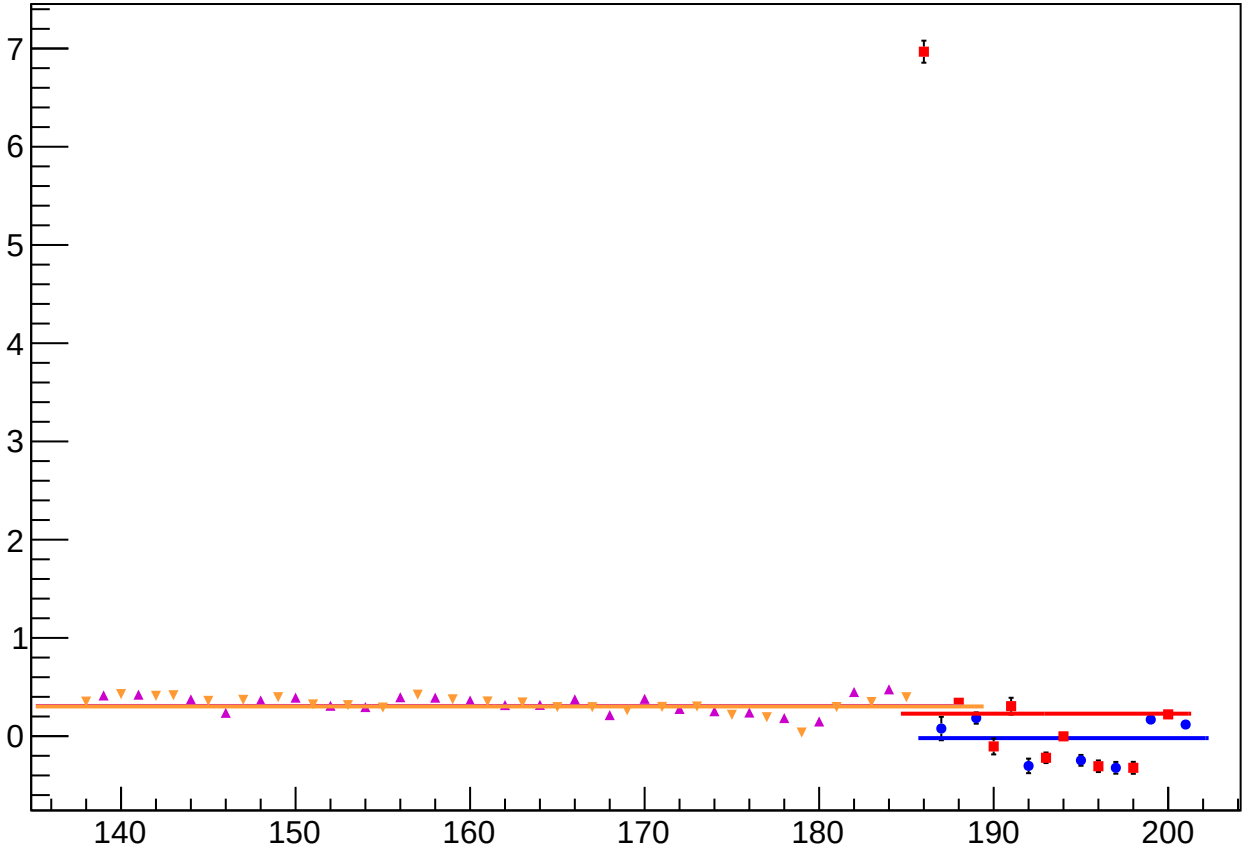
Right: 12.283+/-0.426 χ^2/NDF: 237.6/15

In: 8.630+/-0.046 χ^2/NDF:5594.2/29

Out: 8.462+/-0.045 χ^2/NDF:6734.3/33

All: 8.546+/-0.032 χ^2/NDF: 12335.2/63

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.020+/-0.022 χ^2/NDF: 94.1/6

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.229+/-0.020 χ^2/NDF: 3886.5/8

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

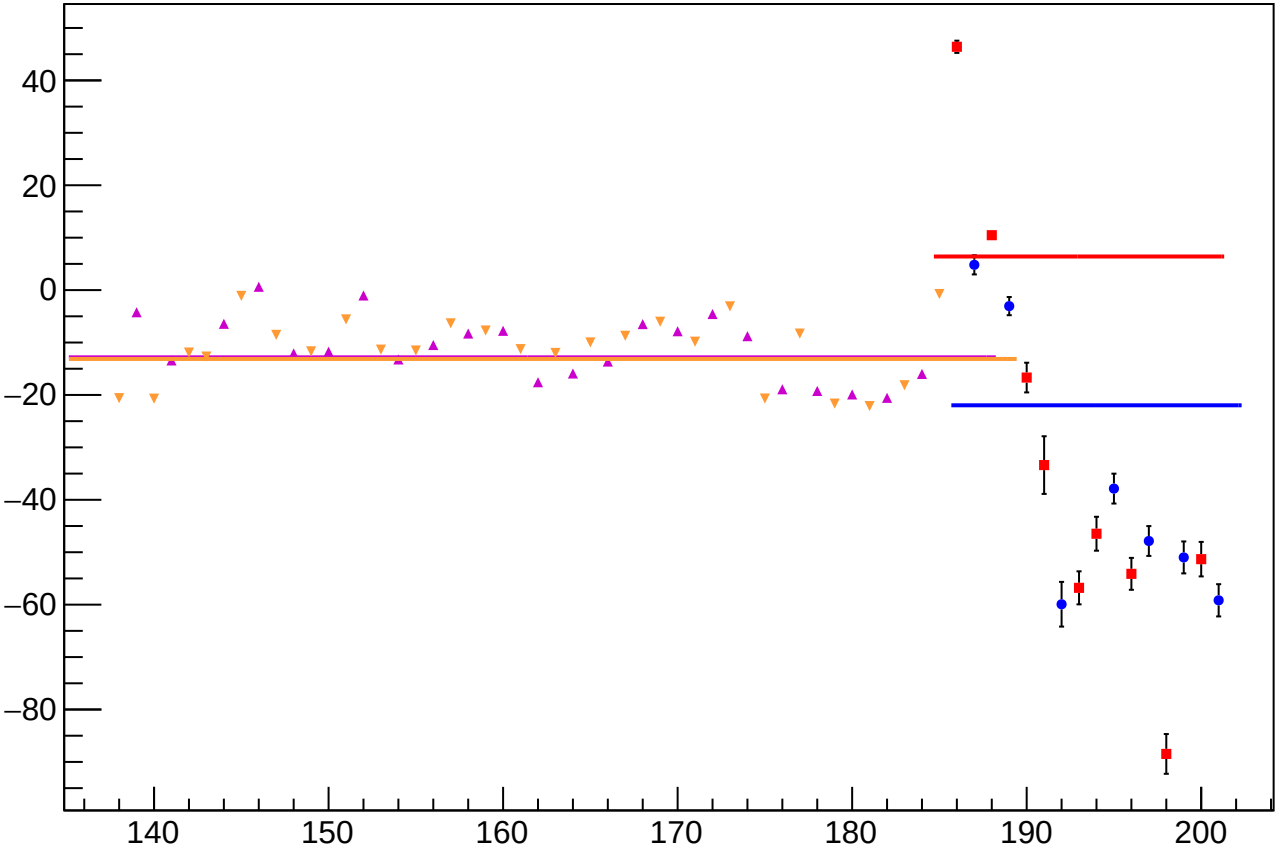
Right: 0.118+/-0.015 χ^2/NDF: 4050.5/15

In: 0.304+/-0.002 χ^2/NDF:2026.5/29

Out: 0.302+/-0.002 χ^2/NDF:5489.9/33

All: 0.303+/-0.001 χ^2/NDF: 7517.2/63

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.974+/-0.934 χ^2/NDF: 763.9/6

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 6.409+/-0.631 χ^2/NDF: 3312.3/8

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

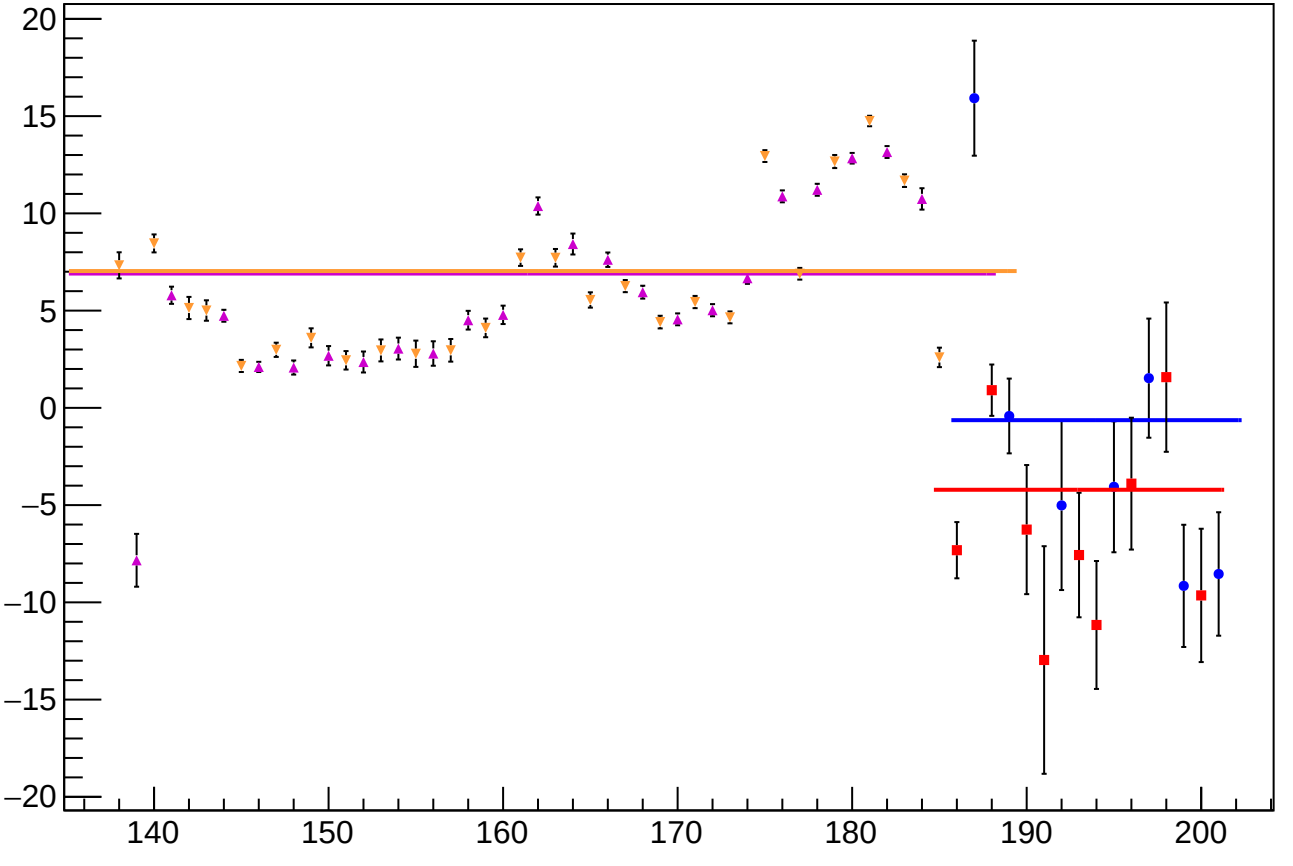
Right: -2.493+/-0.523 χ^2/NDF: 4710.3/15

In: -12.916+/-0.094 χ^2/NDF:5700.4/29

Out: -12.711+/-0.093 χ^2/NDF:10224.4/33

All: -12.812+/-0.066 χ^2/NDF: 15927.2/63

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.633+/-1.095 χ^2/NDF: 47.5/6

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -4.211+/-0.790 χ^2/NDF: 32.7/8

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

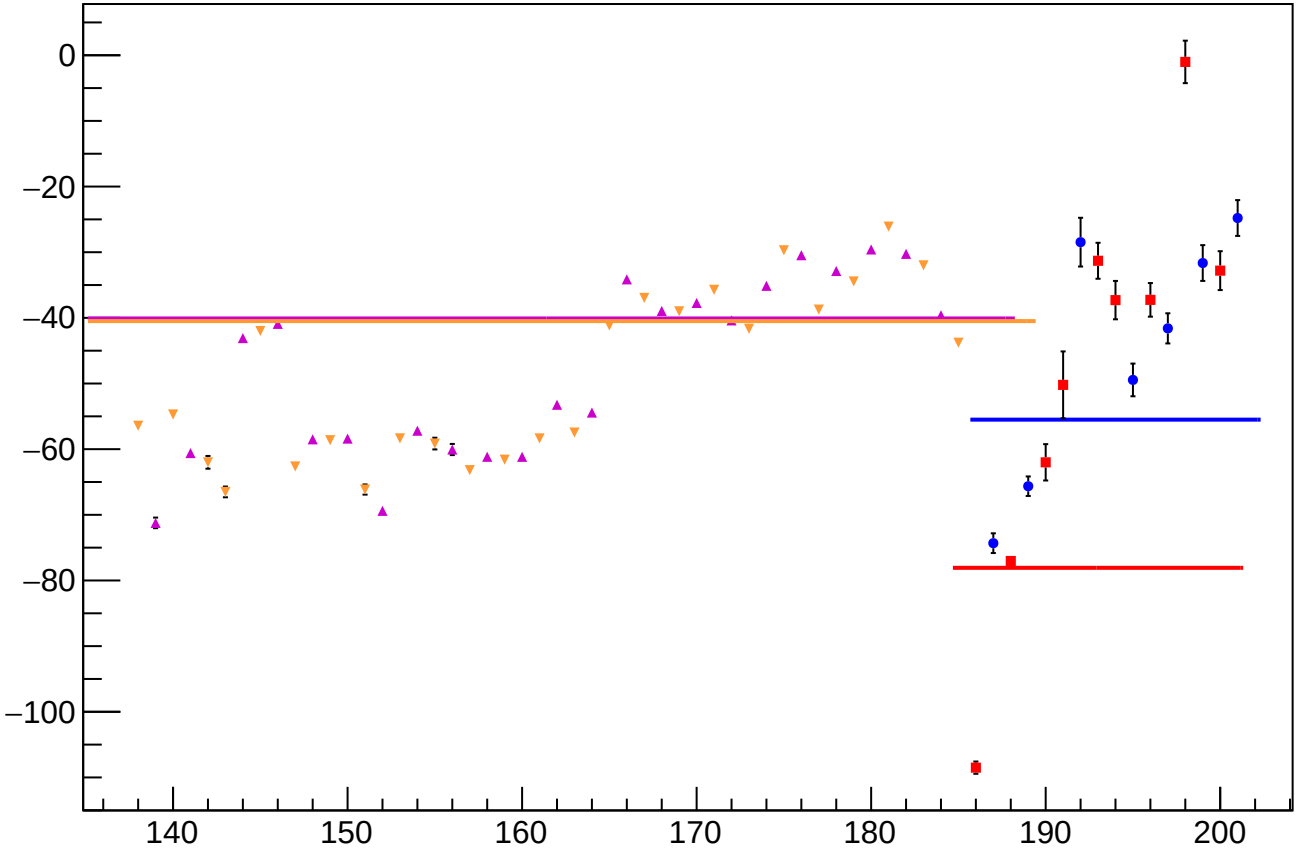
Right: -2.987+/-0.641 χ^2/NDF: 87.1/15

In: 6.869+/-0.077 χ^2/NDF:2537.4/29

Out: 6.927+/-0.077 χ^2/NDF:2890.9/33

All: 6.898+/-0.055 χ^2/NDF: 5428.6/63

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.502+/-0.794 χ^2/NDF: 502.2/6

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -78.072+/-0.520 χ^2/NDF: 2665.0/8

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

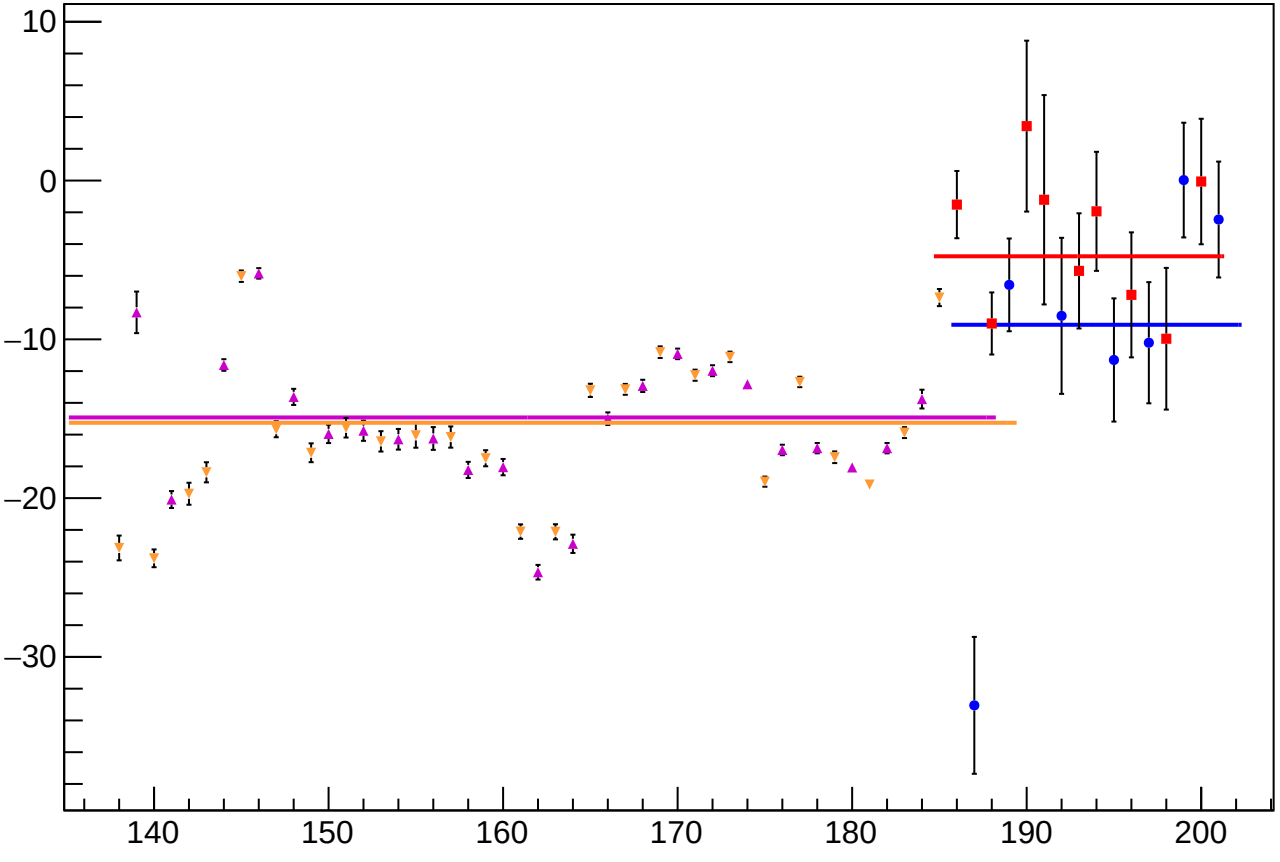
Right: -71.288+/-0.435 χ^2/NDF: 3733.0/15

In: -40.309+/-0.095 χ^2/NDF:14977.5/29

Out: -41.700+/-0.093 χ^2/NDF:23149.7/33

All: -41.015+/-0.066 χ^2/NDF: 38236.8/63

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.083+/-1.415 χ^2/NDF: 41.7/6

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.770+/-1.073 χ^2/NDF: 13.4/8

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

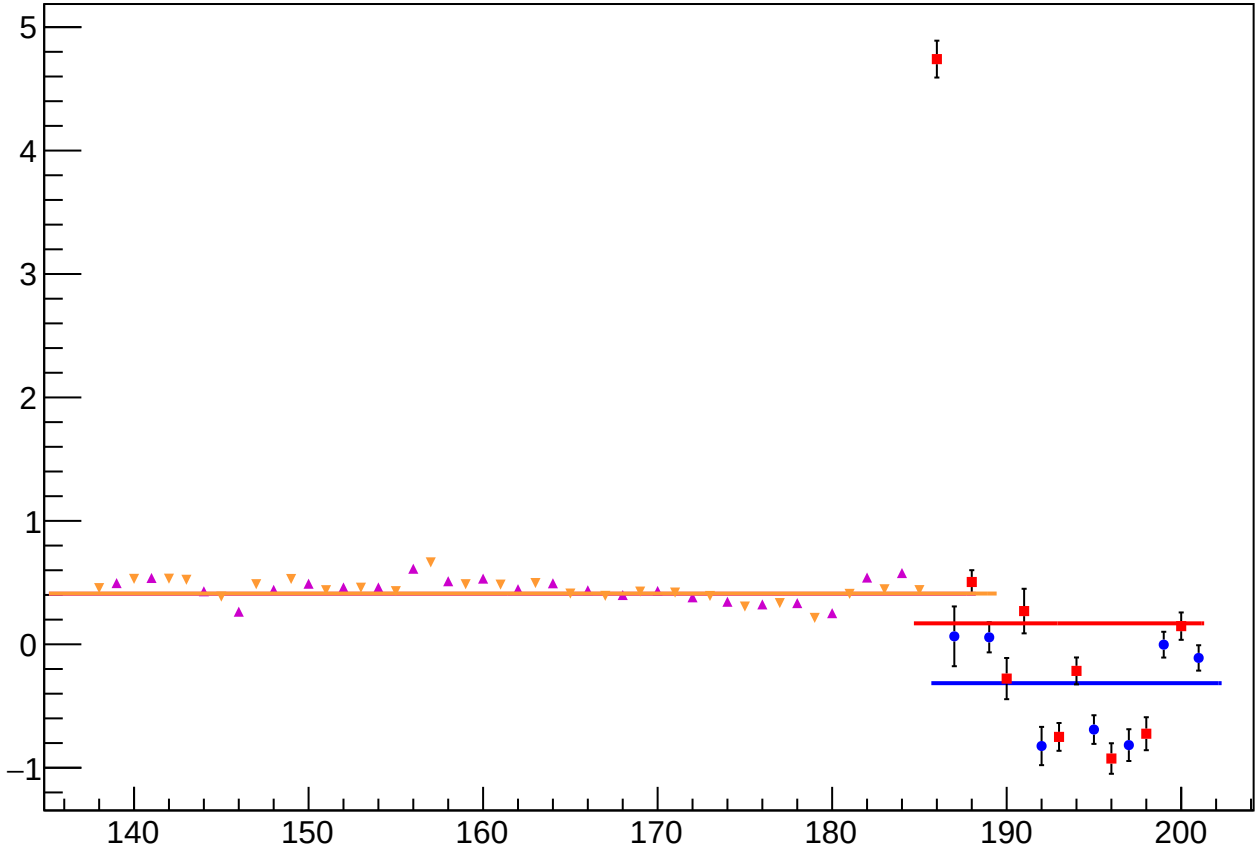
Right: -6.345+/-0.855 χ^2/NDF: 61.1/15

In: -14.897+/-0.086 χ^2/NDF:2266.4/29

Out: -15.187+/-0.086 χ^2/NDF:2702.7/33

All: -15.043+/-0.061 χ^2/NDF: 4974.8/63

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.315+/-0.047 χ^2/NDF: 61.1/6

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.170+/-0.041 χ^2/NDF: 1158.7/8

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

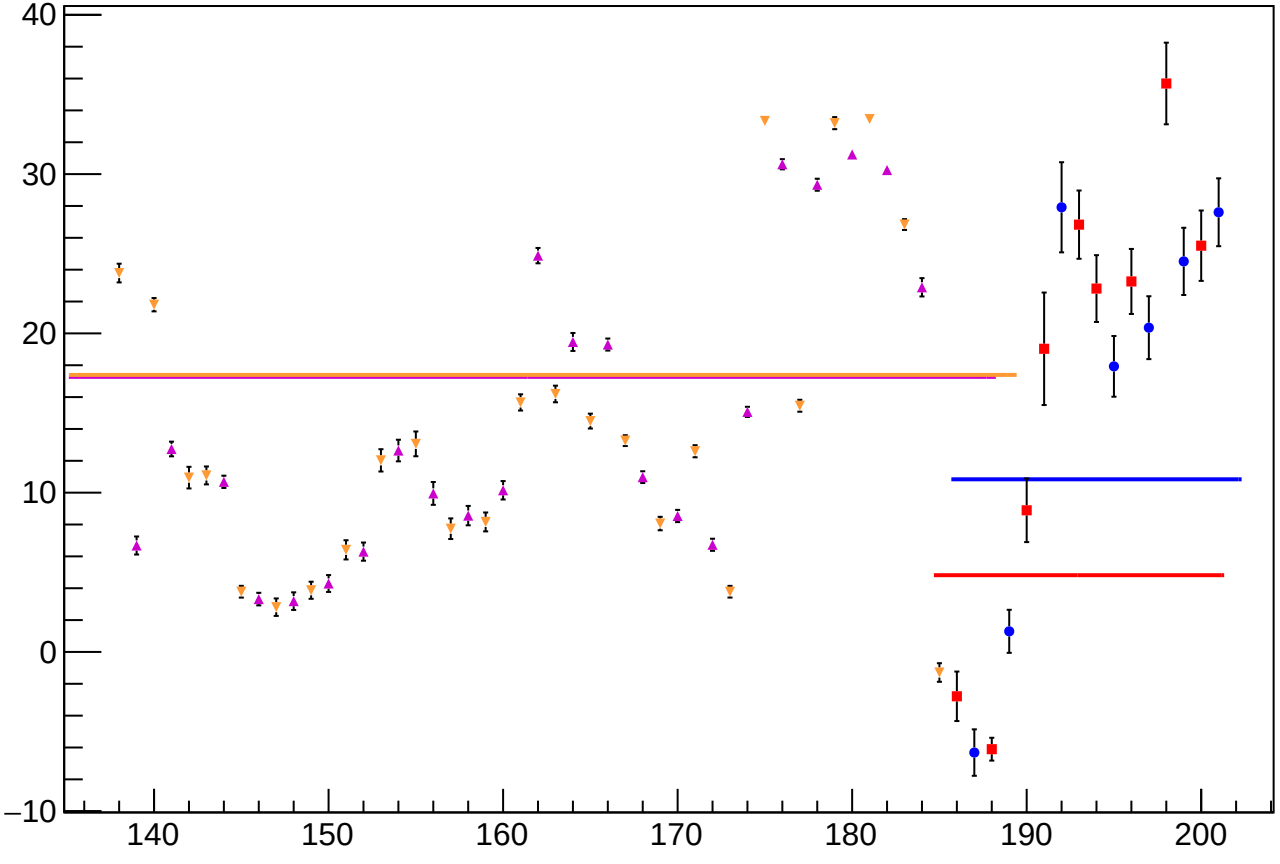
Right: -0.040+/-0.031 χ^2/NDF: 1279.3/15

In: 0.404+/-0.004 χ^2/NDF:855.7/29

Out: 0.409+/-0.004 χ^2/NDF:1621.3/33

All: 0.407+/-0.003 χ^2/NDF: 2477.8/63

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.838+/-0.687 χ^2/NDF: 365.7/6

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 4.818+/-0.518 χ^2/NDF: 770.1/8

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

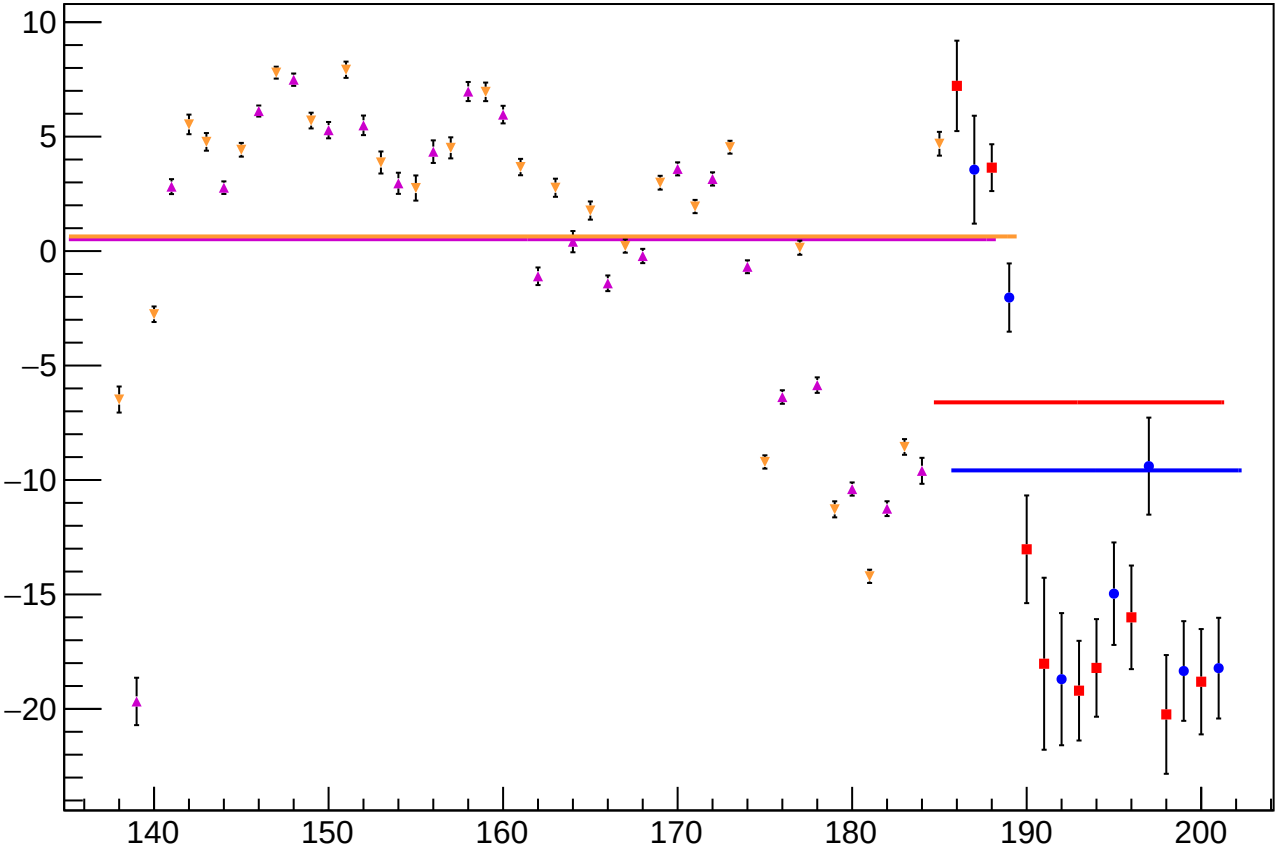
Right: 6.998+/-0.413 χ^2/NDF: 1184.8/15

In: 17.166+/-0.088 χ^2/NDF:13344.2/29

Out: 17.046+/-0.086 χ^2/NDF:17649.9/33

All: 17.105+/-0.061 χ^2/NDF: 30995.0/63

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.581+/-0.793 χ^2/NDF: 104.1/6

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -6.608+/-0.642 χ^2/NDF: 302.2/8

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

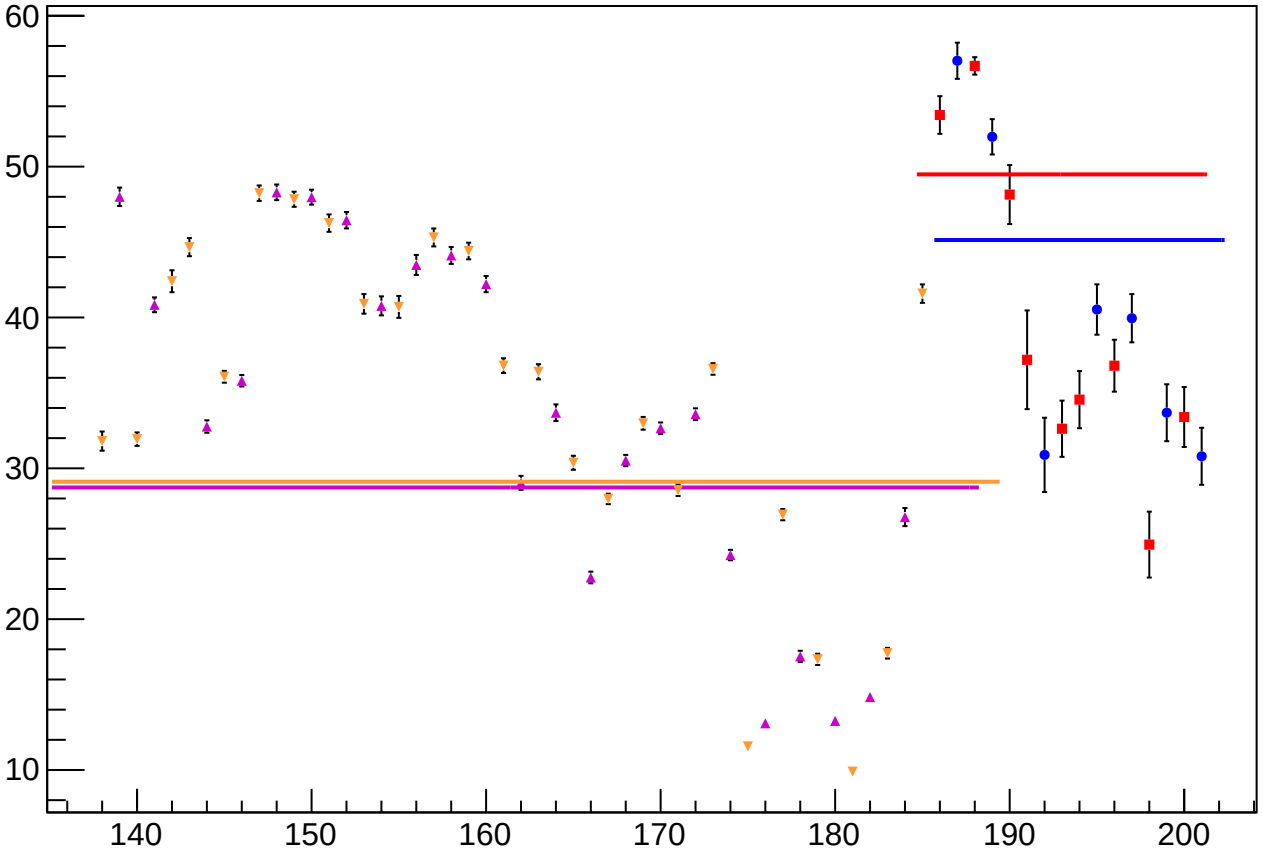
Right: -7.785+/-0.499 χ^2/NDF: 414.8/15

In: 0.440+/-0.070 χ^2/NDF:7041.8/29

Out: 0.555+/-0.069 χ^2/NDF:8943.1/33

All: 0.498+/-0.049 χ^2/NDF: 15986.3/63

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 45.134+/-0.587 χ^2/NDF: 278.3/6

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 49.486+/-0.432 χ^2/NDF: 569.1/8

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

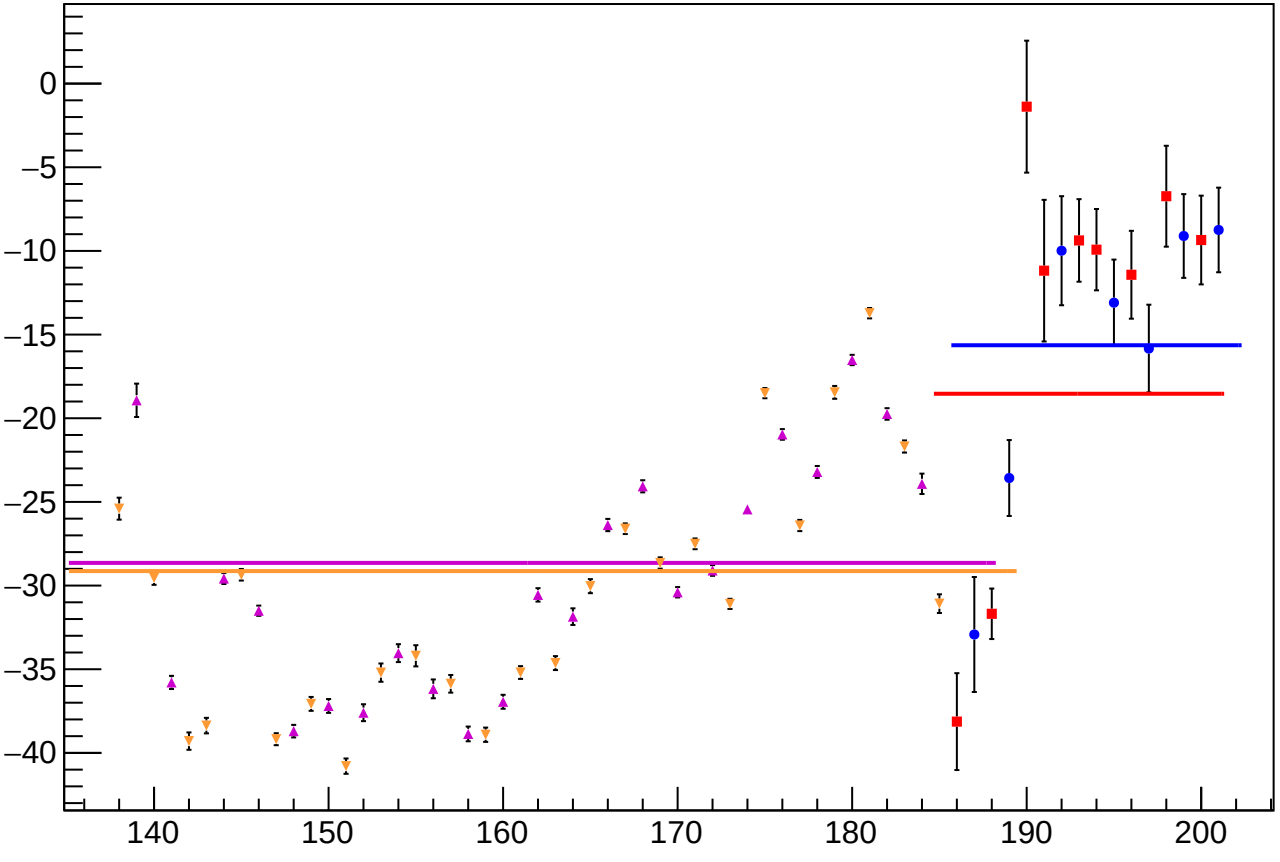
Right: 47.956+/-0.348 χ^2/NDF: 883.1/15

In: 29.095+/-0.088 χ^2/NDF:18078.8/29

Out: 29.919+/-0.086 χ^2/NDF:21548.4/33

All: 29.515+/-0.061 χ^2/NDF: 39672.1/63

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.637+/-1.007 χ^2/NDF: 55.8/6

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -18.536+/-0.842 χ^2/NDF: 204.7/8

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

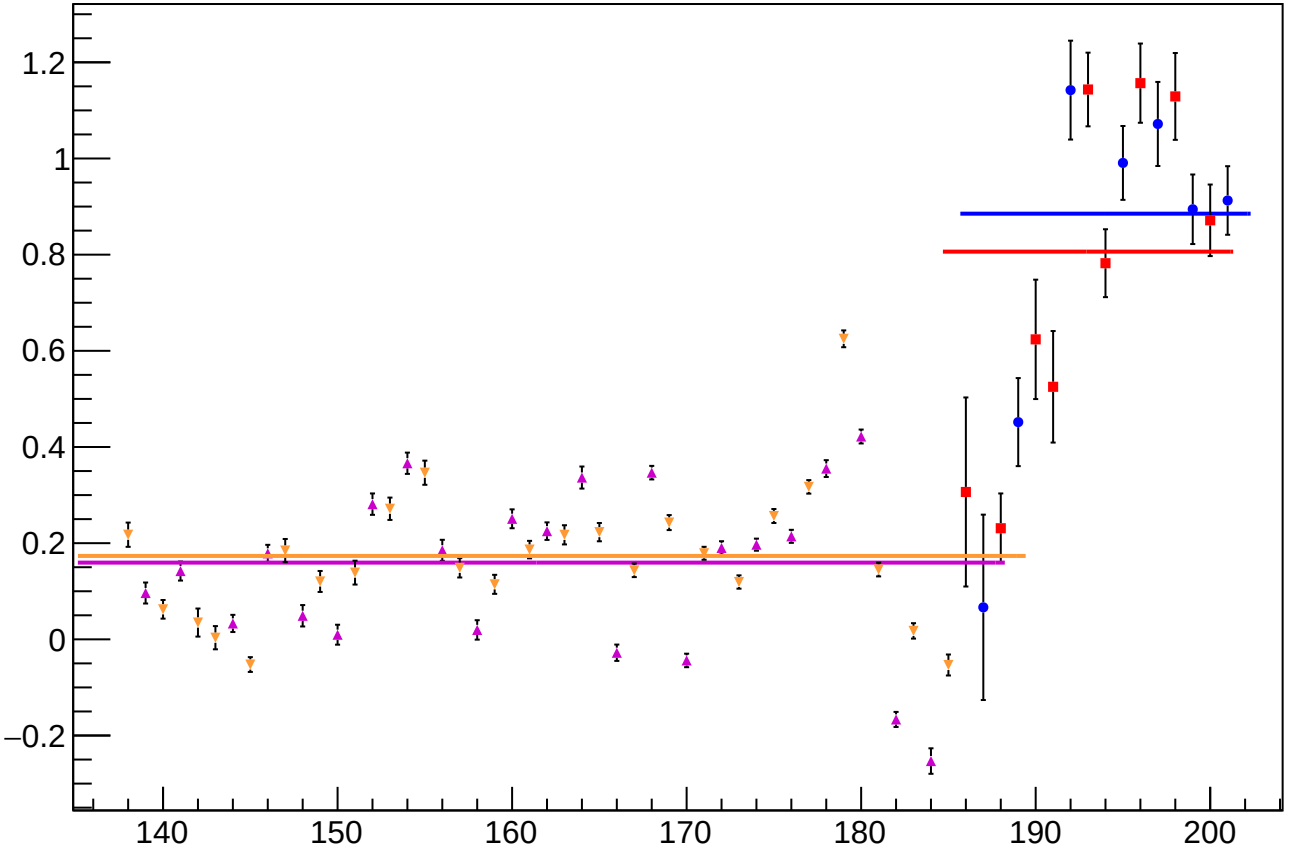
Right: -17.343+/-0.646 χ^2/NDF: 265.4/15

In: -28.564+/-0.079 χ^2/NDF:6915.0/29

Out: -29.043+/-0.078 χ^2/NDF:9359.7/33

All: -28.807+/-0.056 χ^2/NDF: 16293.2/63

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.885+/-0.033 χ^2/NDF: 53.3/6

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.806+/-0.029 χ^2/NDF: 128.9/8

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

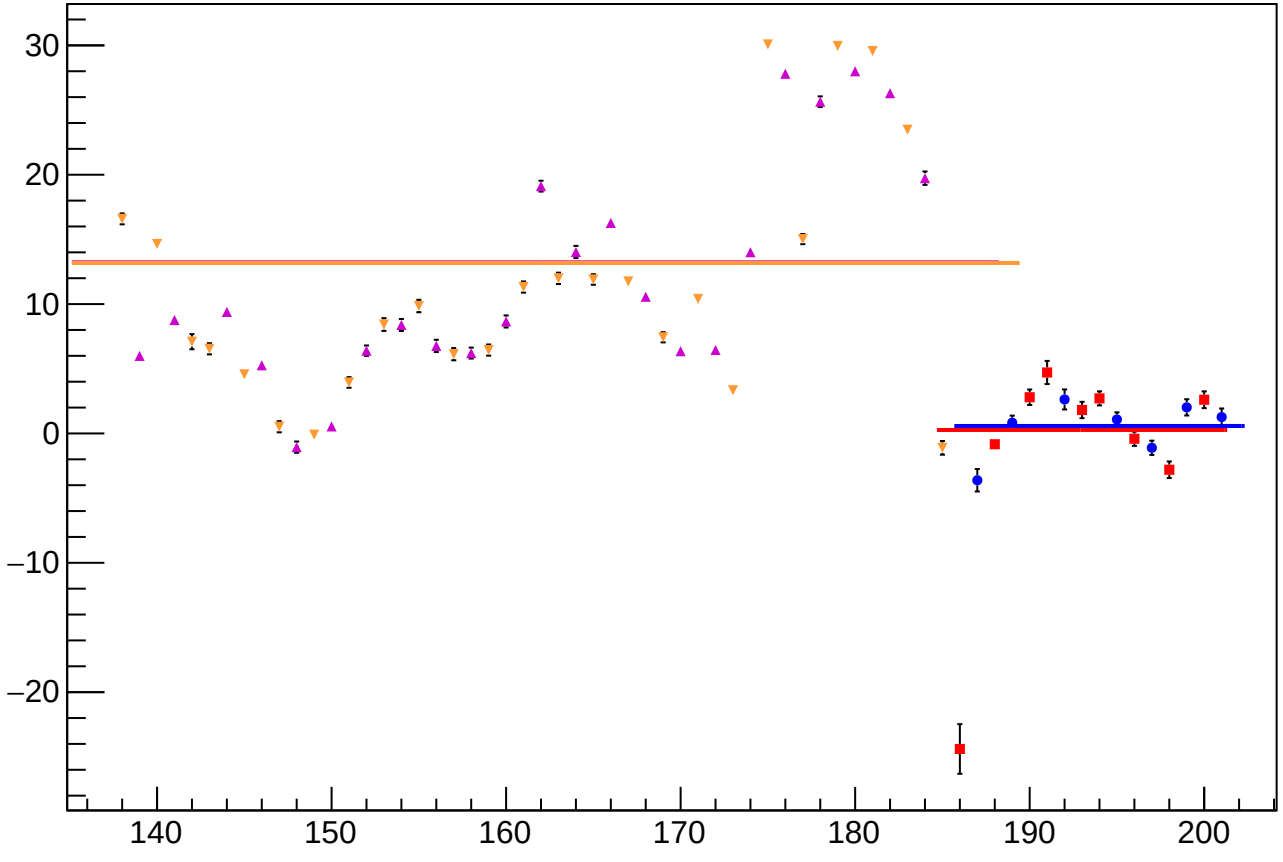
Right: 0.841+/-0.022 χ^2/NDF: 185.4/15

In: 0.168+/-0.004 χ^2/NDF:2600.3/29

Out: 0.183+/-0.004 χ^2/NDF:2062.3/33

All: 0.176+/-0.003 χ^2/NDF: 4670.8/63

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.578+/-0.238 χ^2/NDF: 47.1/6

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.269+/-0.180 χ^2/NDF: 286.3/8

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

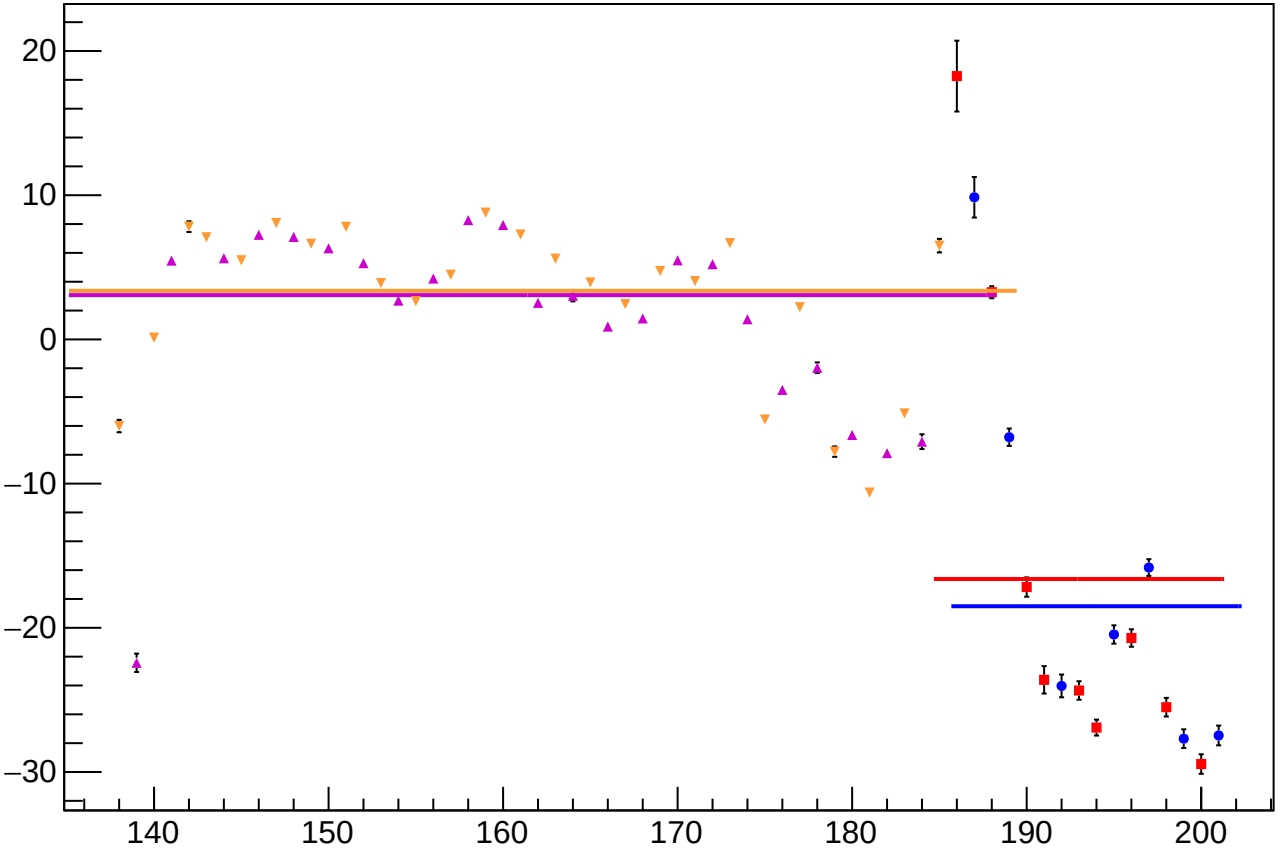
Right: 0.382+/-0.144 χ^2/NDF: 334.5/15

In: 12.038+/-0.073 χ^2/NDF:16736.6/29

Out: 11.258+/-0.070 χ^2/NDF:21696.4/33

All: 11.629+/-0.050 χ^2/NDF: 38493.0/63

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.504+/-0.260 χ^2/NDF: 1237.1/6

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -16.614+/-0.212 χ^2/NDF: 3642.4/8

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

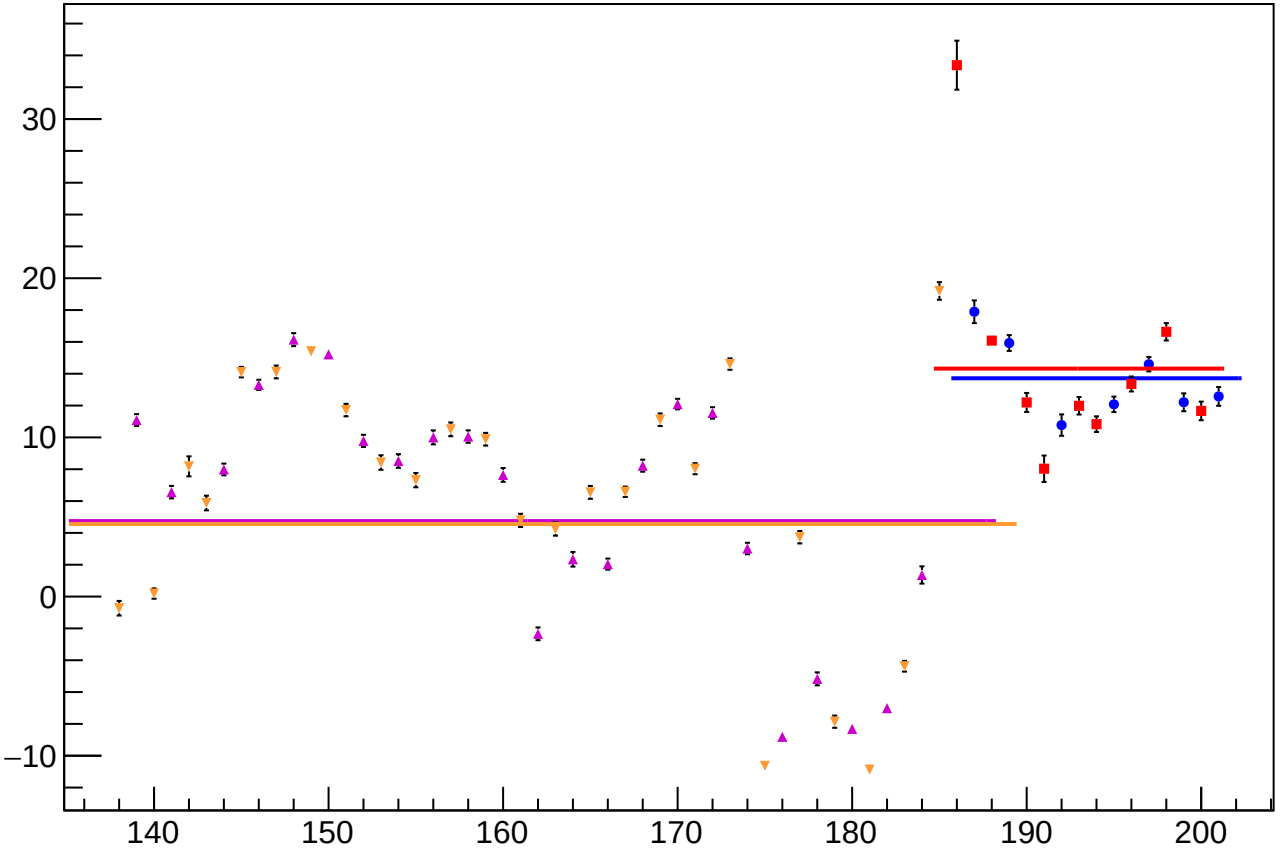
Right: -17.369+/-0.164 χ^2/NDF: 4911.3/15

In: 1.965+/-0.059 χ^2/NDF:15051.9/29

Out: 1.954+/-0.056 χ^2/NDF:19963.2/33

All: 1.959+/-0.041 χ^2/NDF: 35015.1/63

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.714+/-0.207 χ^2/NDF: 99.4/6

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.322+/-0.154 χ^2/NDF: 393.8/8

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

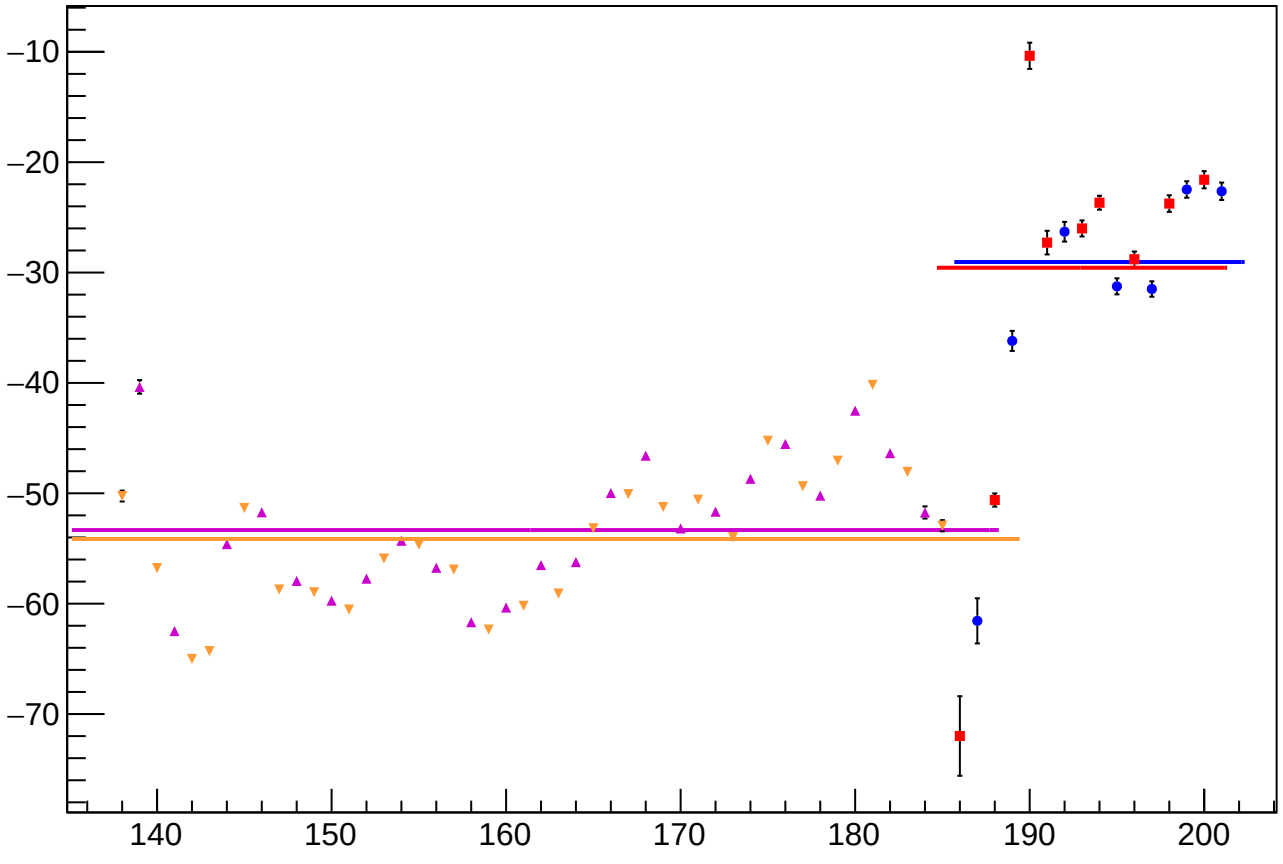
Right: 14.105+/-0.124 χ^2/NDF: 498.7/15

In: 5.820+/-0.072 χ^2/NDF:13175.0/29

Out: 6.447+/-0.068 χ^2/NDF:17217.1/33

All: 6.151+/-0.049 χ^2/NDF: 30432.6/63

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -29.045+/-0.315 χ^2/NDF: 489.0/6

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -29.562+/-0.265 χ^2/NDF: 1914.6/8

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

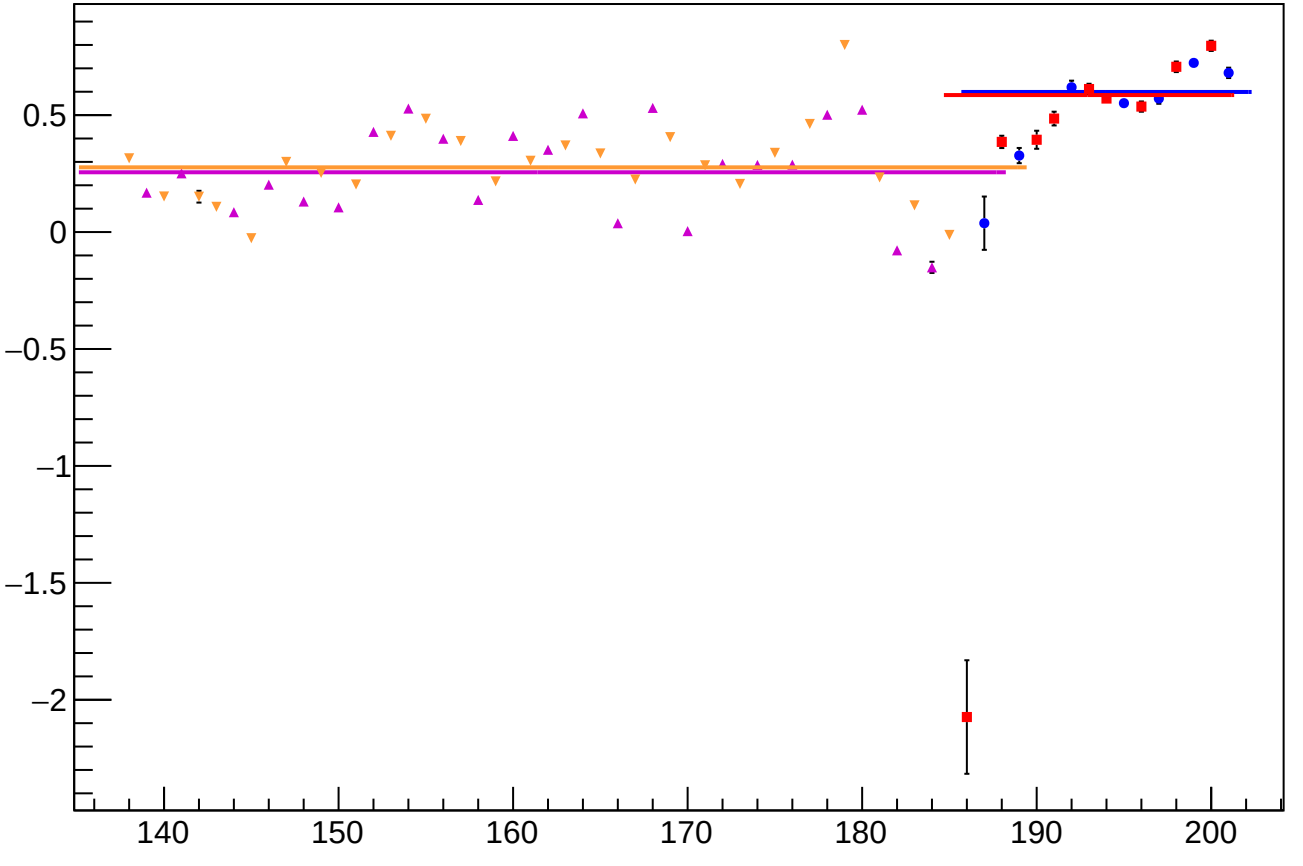
Right: -29.348+/-0.203 χ^2/NDF: 2405.2/15

In: -52.243+/-0.067 χ^2/NDF:13096.4/29

Out: -52.678+/-0.065 χ^2/NDF:18323.0/33

All: -52.468+/-0.046 χ^2/NDF: 31441.3/63

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.599+/-0.010 χ^2/NDF: 147.9/6

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.586+/-0.008 χ^2/NDF: 341.9/8

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

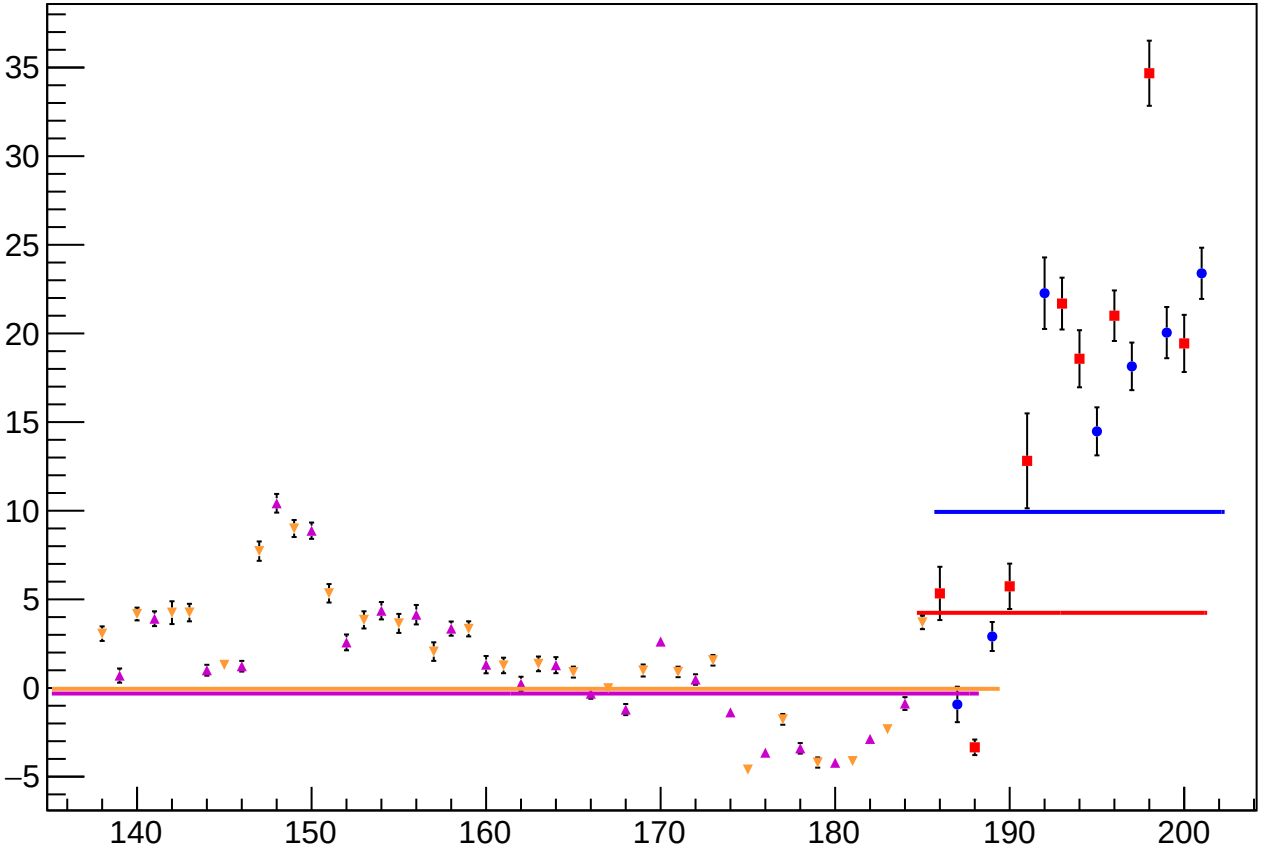
Right: 0.591+/-0.006 χ^2/NDF: 490.8/15

In: 0.287+/-0.003 χ^2/NDF:4928.8/29

Out: 0.313+/-0.003 χ^2/NDF:4155.3/33

All: 0.301+/-0.002 χ^2/NDF: 9124.3/63

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.933+/-0.456 χ^2/NDF: 413.8/6

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 4.242+/-0.345 χ^2/NDF: 1033.9/8

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

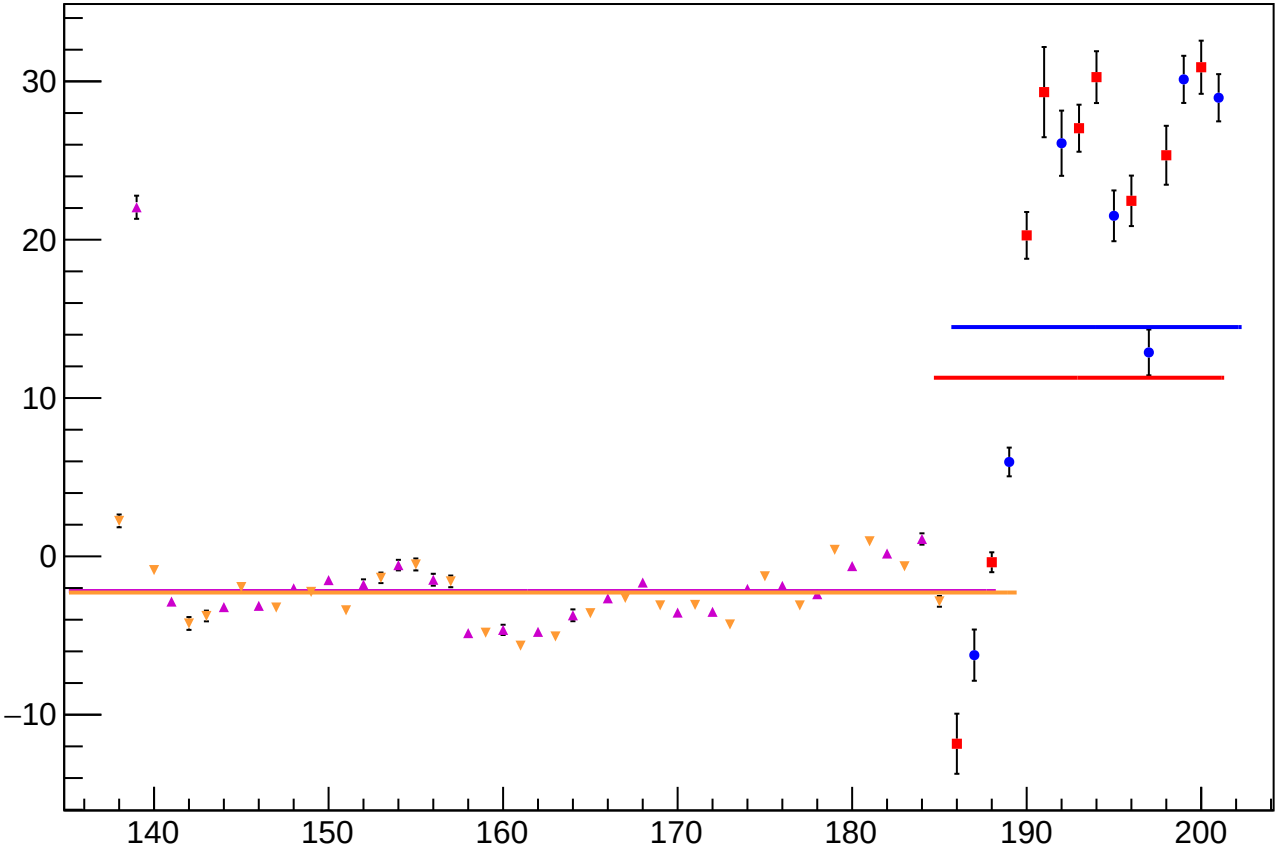
Right: 6.310+/-0.275 χ^2/NDF: 1546.7/15

In: -0.096+/-0.066 χ^2/NDF:3159.7/29

Out: 0.106+/-0.065 χ^2/NDF:3811.9/33

All: 0.007+/-0.046 χ^2/NDF: 6976.3/63

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.482+/-0.527 χ^2/NDF: 509.2/6

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 11.282+/-0.436 χ^2/NDF: 1059.6/8

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

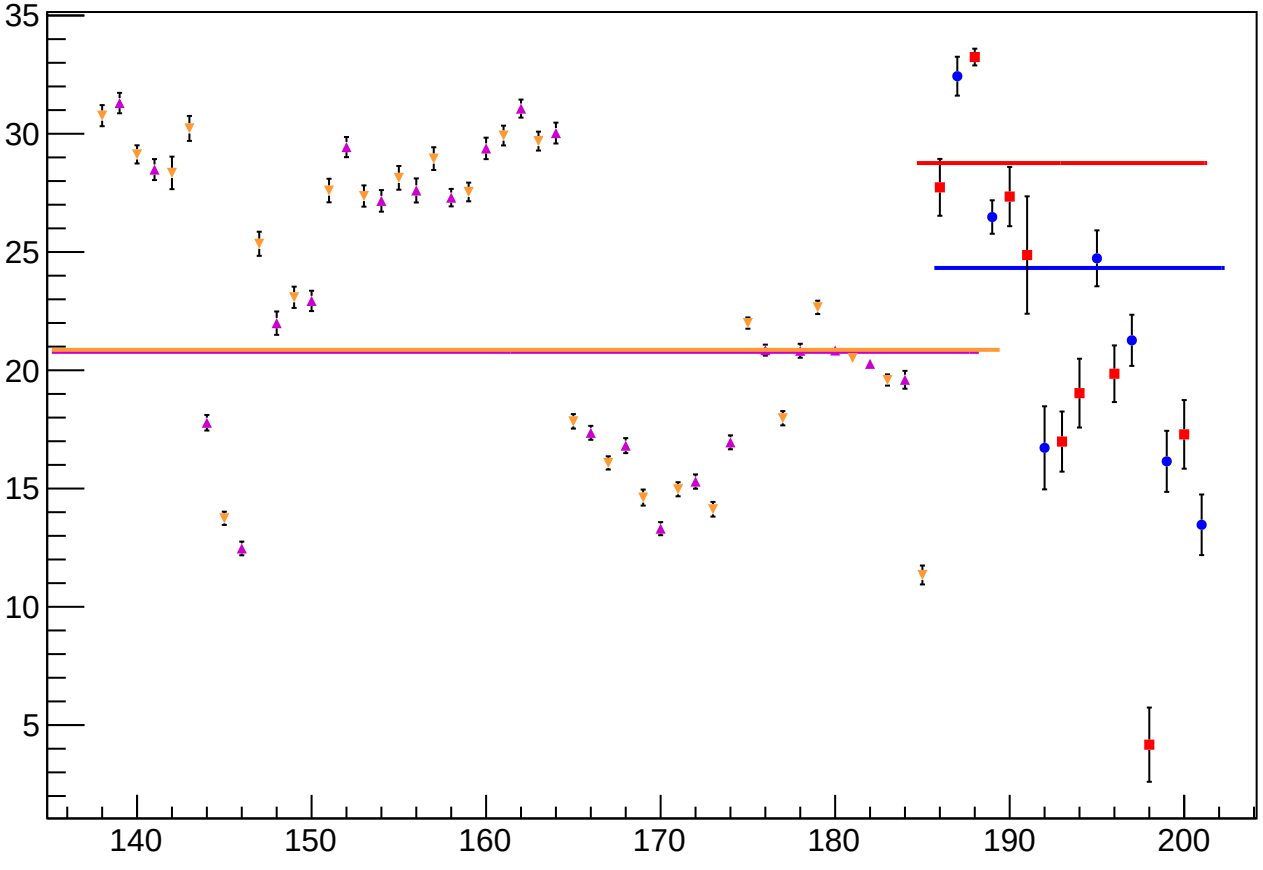
Right: 12.583+/-0.336 χ^2/NDF: 1590.7/15

In: -2.011+/-0.055 χ^2/NDF:3284.4/29

Out: -2.076+/-0.054 χ^2/NDF:3144.9/33

All: -2.044+/-0.038 χ^2/NDF: 6430.1/63

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.326+/-0.390 χ^2/NDF: 245.3/6

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 28.762+/-0.287 χ^2/NDF: 658.7/8

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

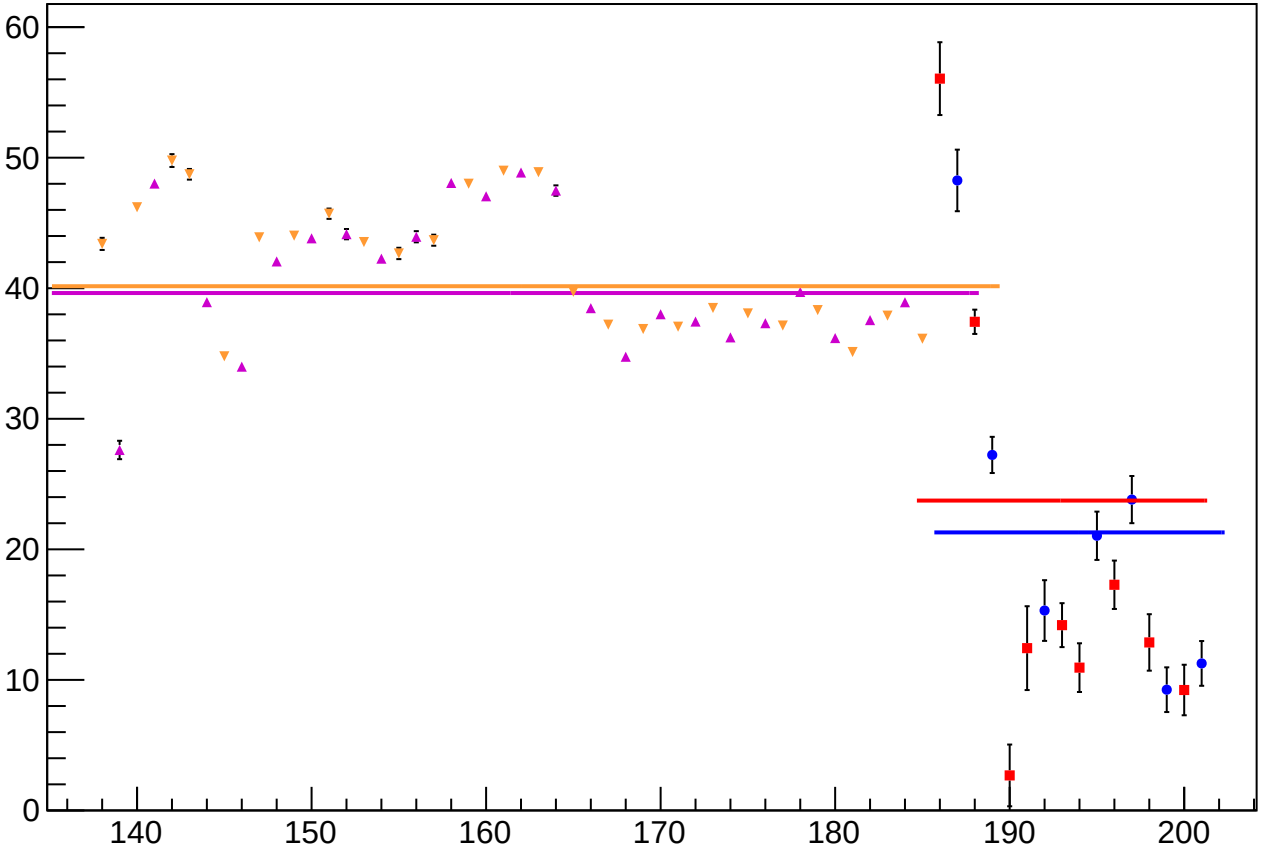
Right: 27.202+/-0.231 χ^2/NDF: 988.0/15

In: 20.882+/-0.066 χ^2/NDF:6313.7/29

Out: 21.271+/-0.065 χ^2/NDF:7985.4/33

All: 21.080+/-0.046 χ^2/NDF: 14316.6/63

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.297+/-0.679 χ^2/NDF: 241.4/6

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 23.736+/-0.580 χ^2/NDF: 615.5/8

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

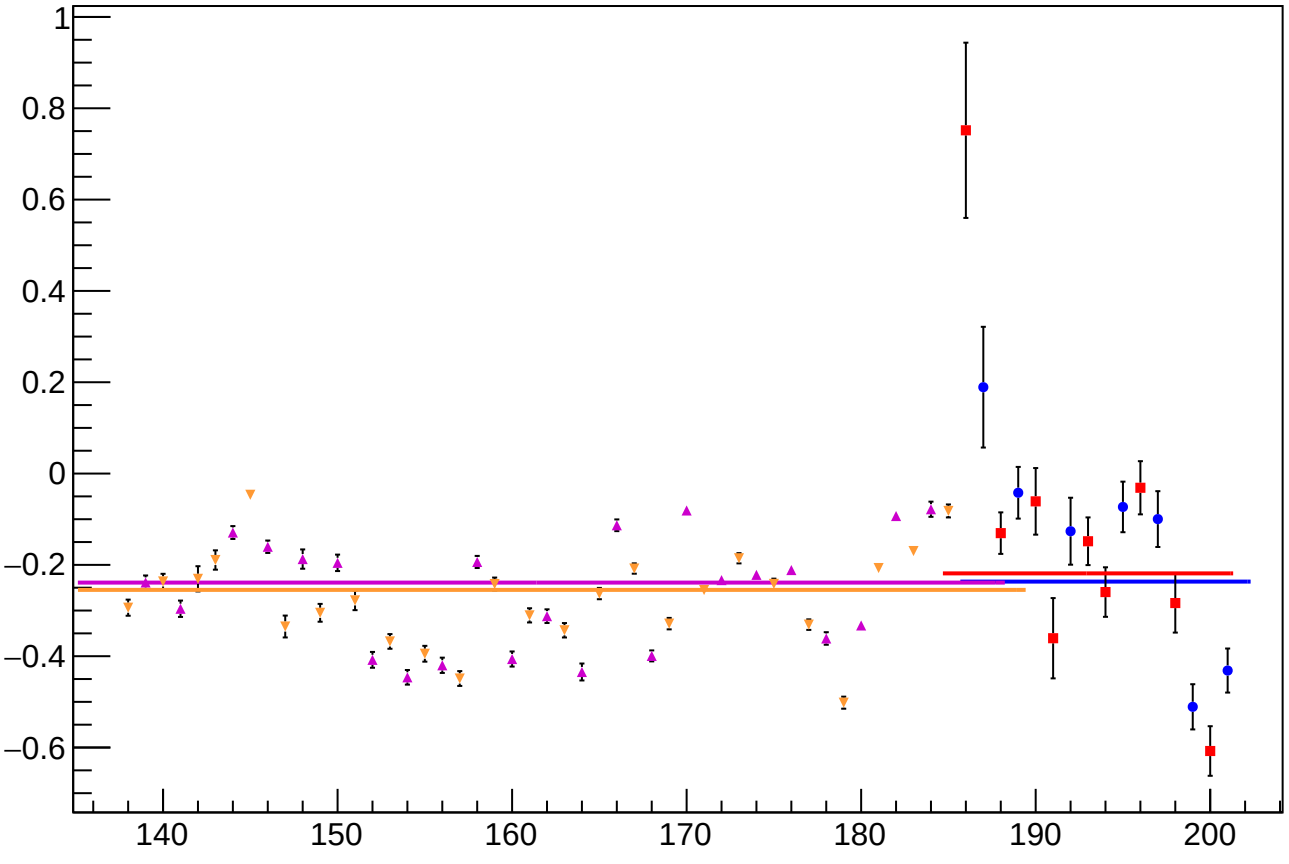
Right: 22.708+/-0.441 χ^2/NDF: 864.4/15

In: 39.485+/-0.061 χ^2/NDF:6307.1/29

Out: 39.977+/-0.060 χ^2/NDF:7269.9/33

All: 39.734+/-0.043 χ^2/NDF: 13610.1/63

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.237+/-0.022 χ^2/NDF: 85.2/6

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.219+/-0.020 χ^2/NDF: 101.7/8

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

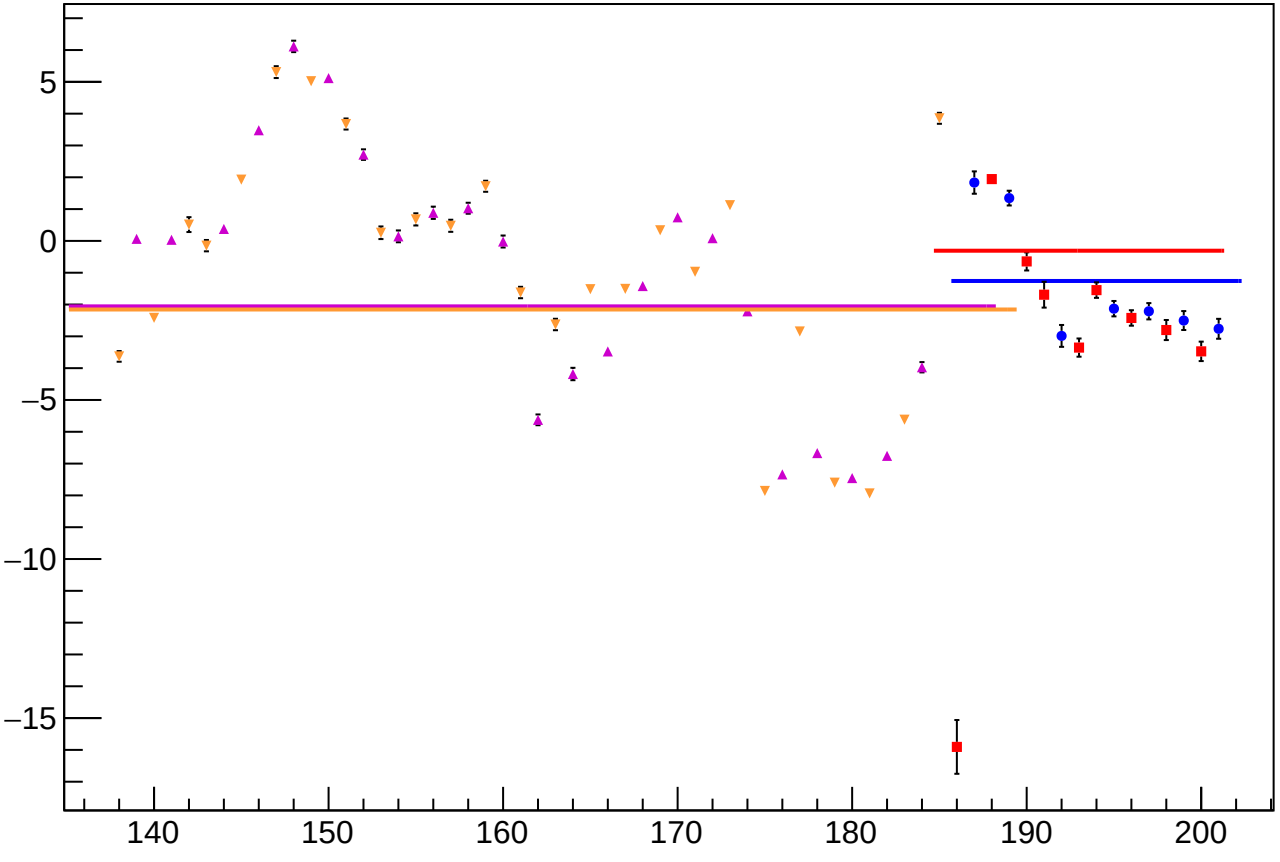
Right: -0.227+/-0.015 χ^2/NDF: 187.2/15

In: -0.239+/-0.003 χ^2/NDF:1835.2/29

Out: -0.254+/-0.003 χ^2/NDF:1522.5/33

All: -0.247+/-0.002 χ^2/NDF: 3373.4/63

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.259+/-0.106 χ^2/NDF: 295.9/6

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -0.308+/-0.077 χ^2/NDF: 1159.2/8

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

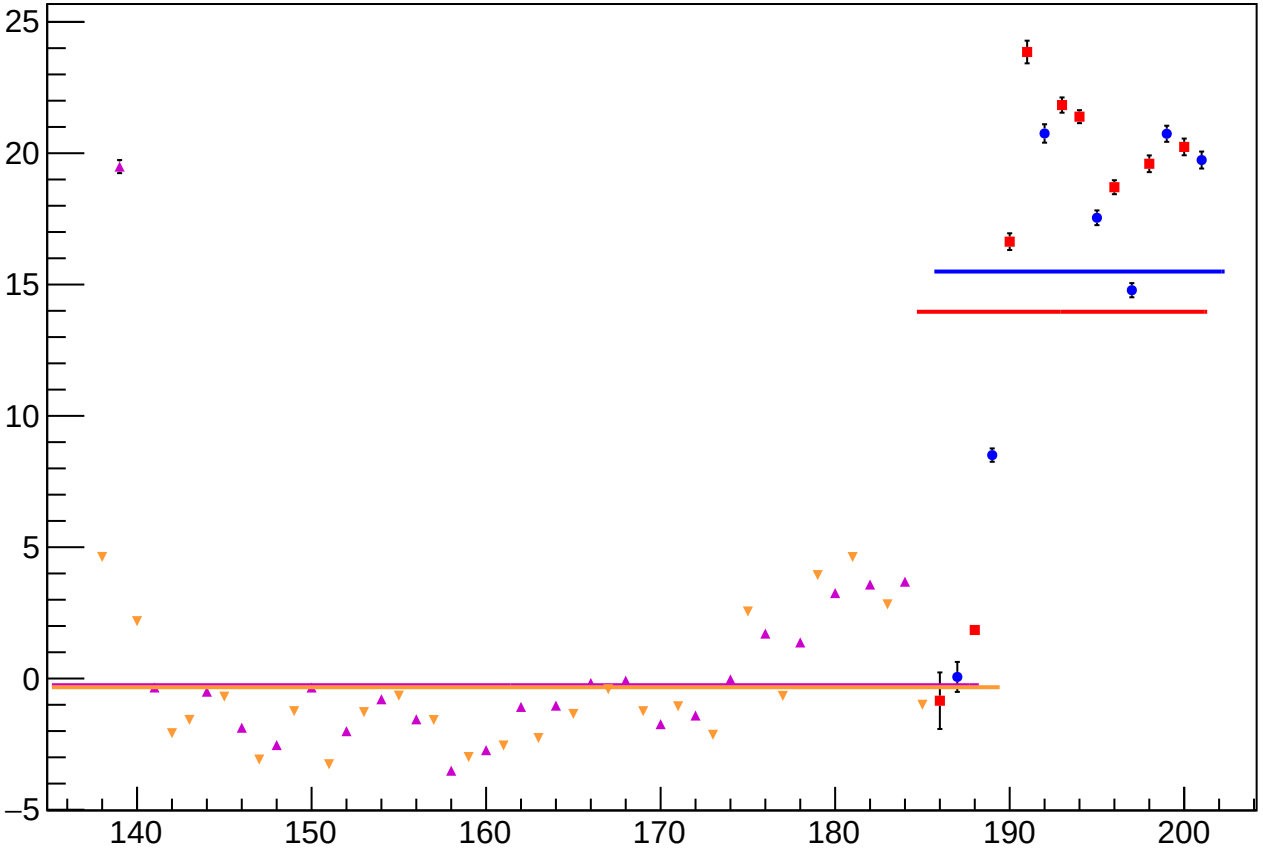
Right: -0.635+/-0.062 χ^2/NDF: 1507.9/15

In: -2.013+/-0.025 χ^2/NDF:23693.1/29

Out: -1.970+/-0.024 χ^2/NDF:26181.9/33

All: -1.991+/-0.017 χ^2/NDF: 49876.5/63

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.495+/-0.117 χ^2/NDF: 2234.6/6

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 13.964+/-0.093 χ^2/NDF: 9070.5/8

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

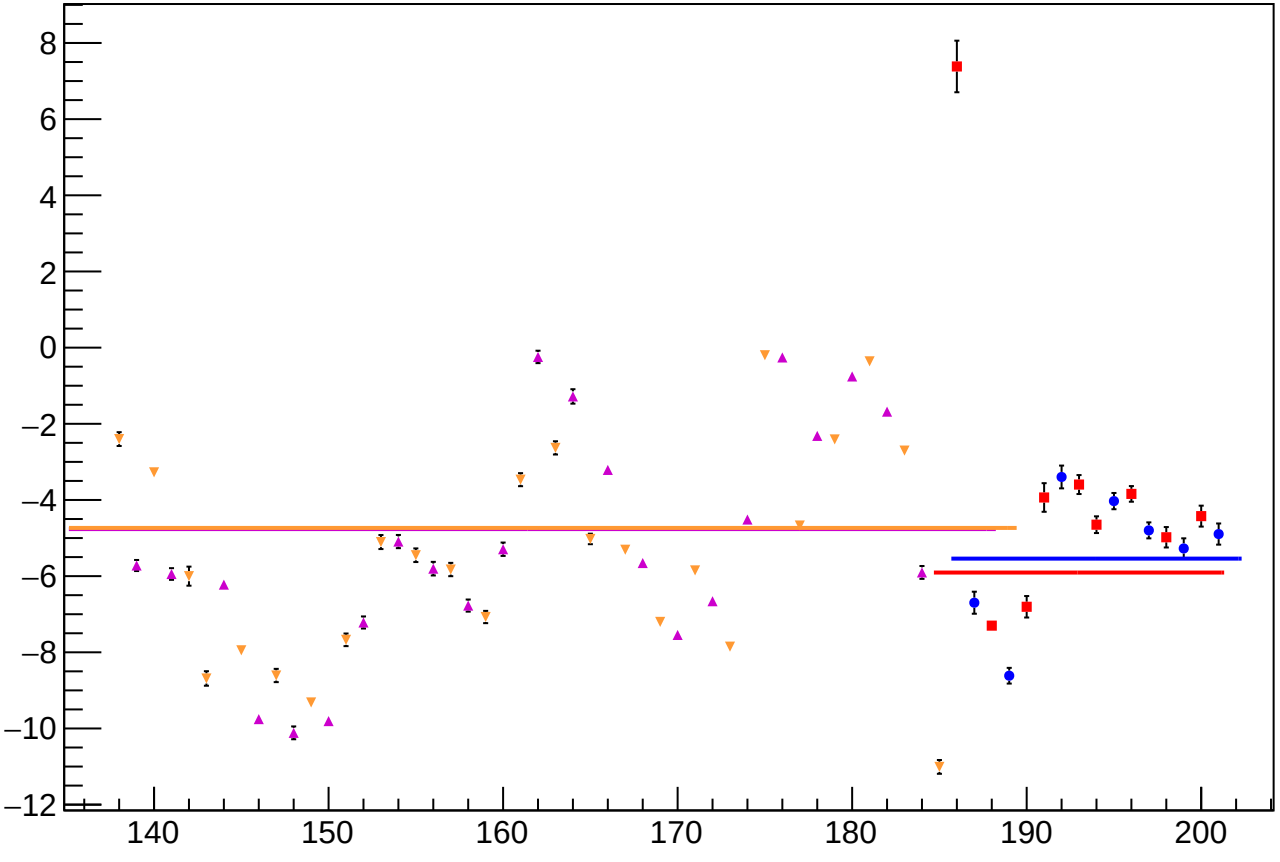
Right: 14.555+/-0.073 χ^2/NDF: 11410.6/15

In: 0.232+/-0.021 χ^2/NDF:33999.4/29

Out: 0.344+/-0.020 χ^2/NDF:44290.5/33

All: 0.289+/-0.014 χ^2/NDF: 78304.9/63

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.540+/-0.092 χ^2/NDF: 358.5/6

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -5.906+/-0.065 χ^2/NDF: 929.4/8

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

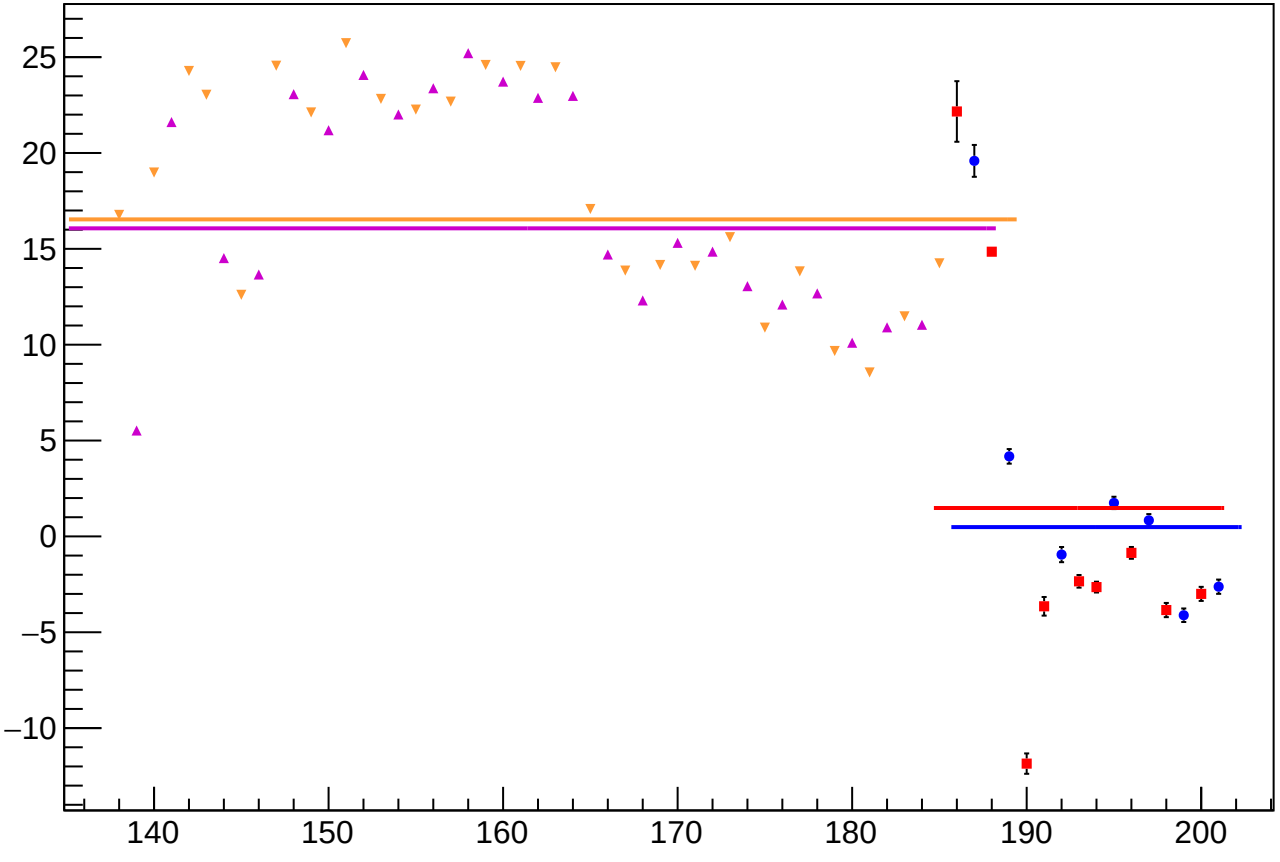
Right: -5.784+/-0.053 χ^2/NDF: 1298.5/15

In: -4.822+/-0.025 χ^2/NDF:14587.6/29

Out: -4.894+/-0.024 χ^2/NDF:14398.0/33

All: -4.859+/-0.017 χ^2/NDF: 28989.9/63

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.485+/-0.143 χ^2/NDF: 891.5/6

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 1.481+/-0.117 χ^2/NDF: 4939.5/8

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

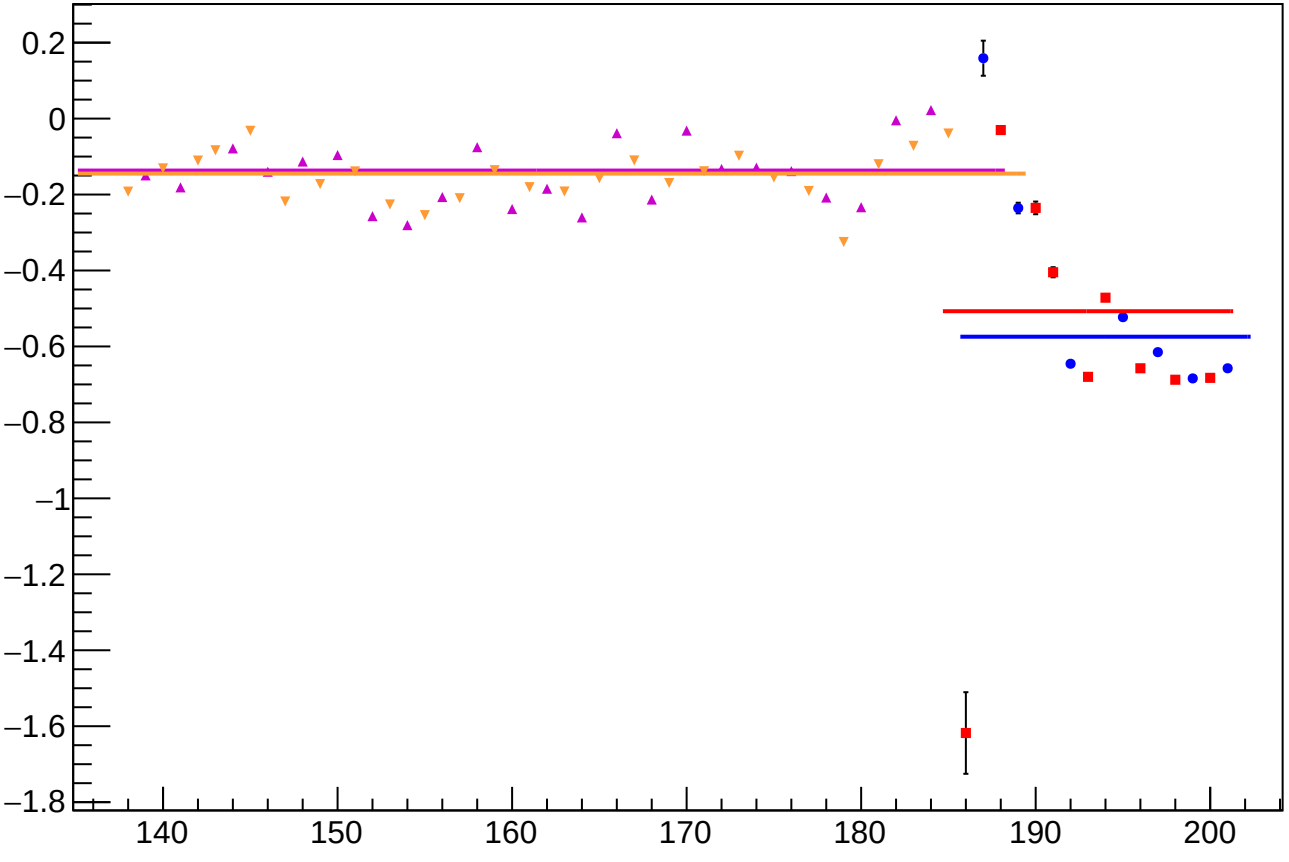
Right: 1.082+/-0.090 χ^2/NDF: 5860.2/15

In: 15.659+/-0.023 χ^2/NDF:55238.7/29

Out: 15.965+/-0.023 χ^2/NDF:74498.9/33

All: 15.814+/-0.016 χ^2/NDF: 129826.3/63

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.574+/-0.004 χ^2/NDF: 1095.3/6

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.507+/-0.004 χ^2/NDF: 3629.3/8

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

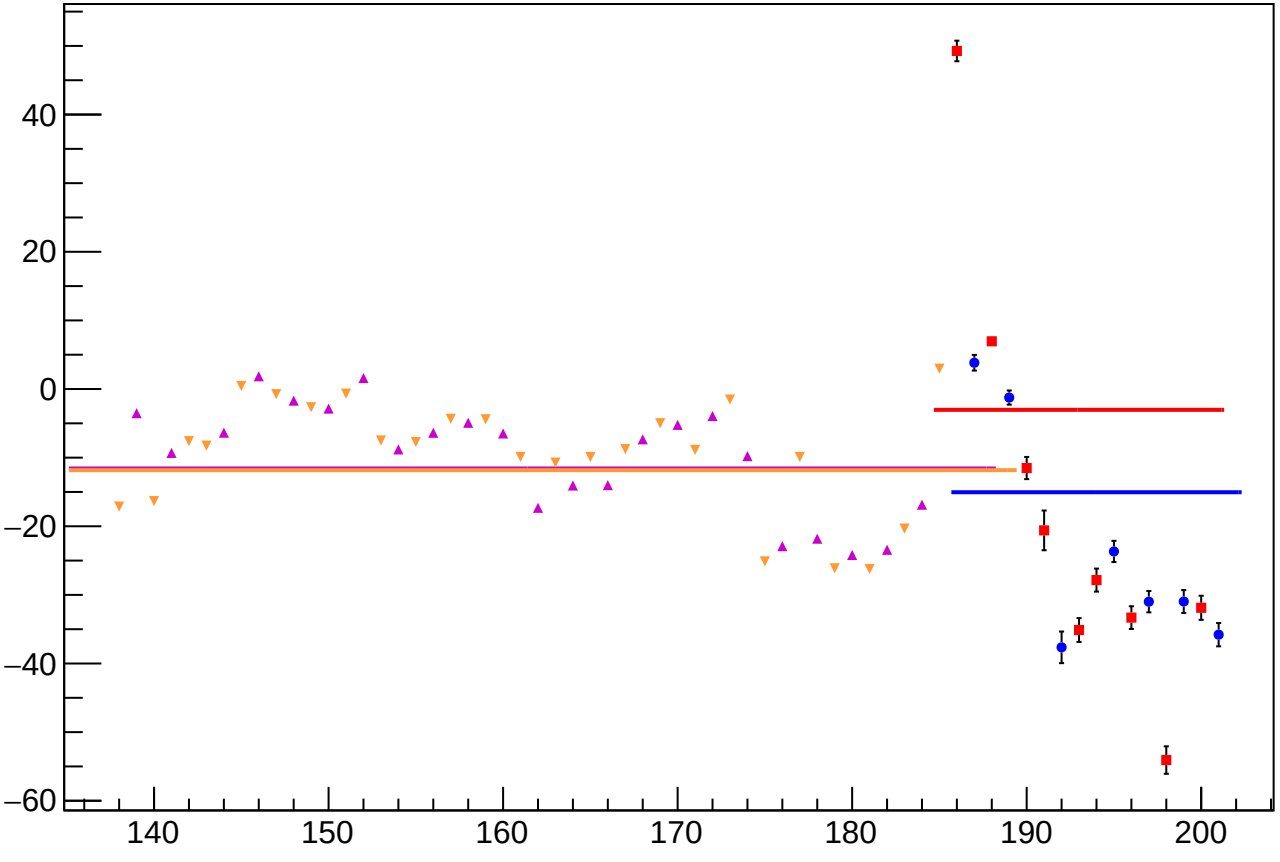
Right: -0.535+/-0.003 χ^2/NDF: 4858.4/15

In: -0.161+/-0.001 χ^2/NDF:15696.0/29

Out: -0.171+/-0.001 χ^2/NDF:16049.1/33

All: -0.166+/-0.001 χ^2/NDF: 31800.4/63

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.040+/-0.540 χ^2/NDF: 923.9/6

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: -3.034+/-0.407 χ^2/NDF: 3440.4/8

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

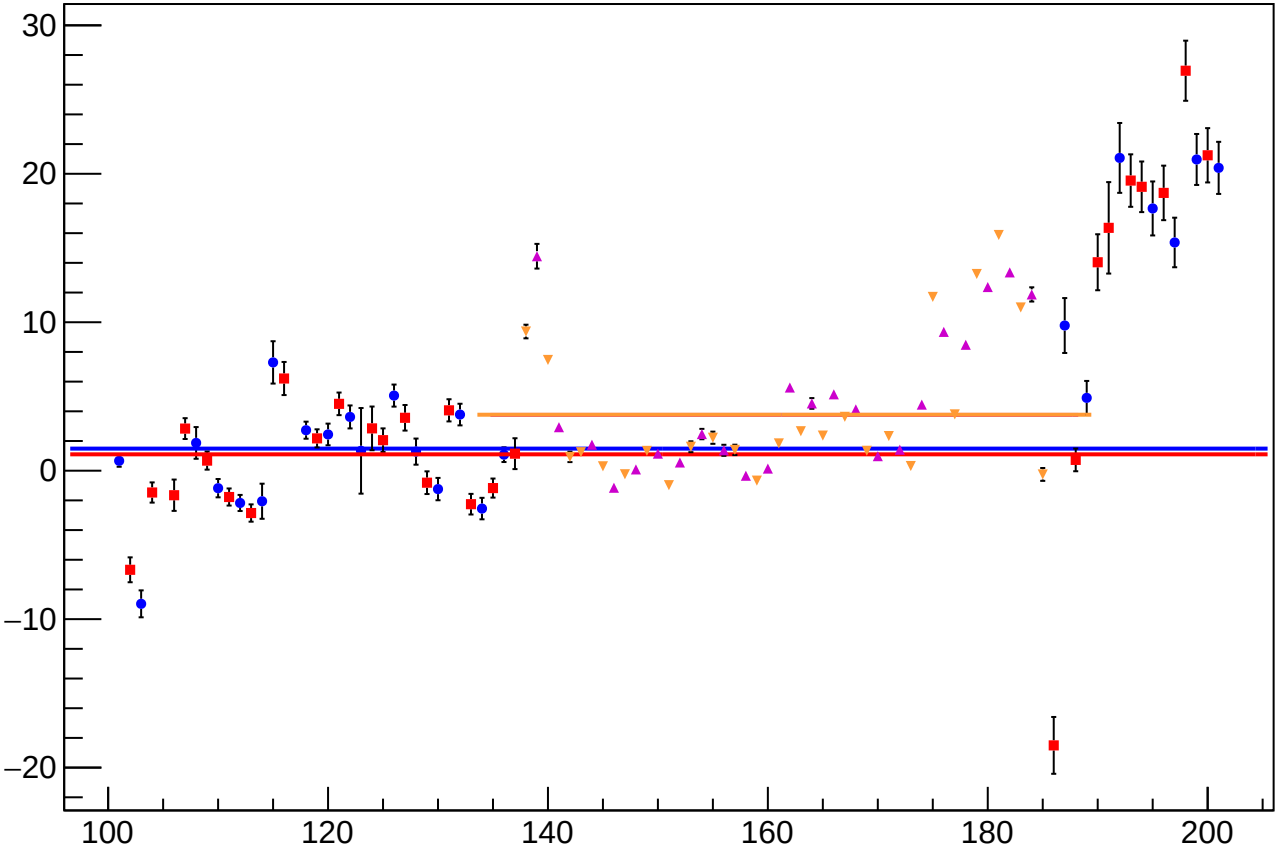
Right: -7.381+/-0.325 χ^2/NDF: 4679.6/15

In: -11.639+/-0.071 χ^2/NDF:15207.8/29

Out: -11.567+/-0.069 χ^2/NDF:21170.7/33

All: -11.603+/-0.049 χ^2/NDF: 36379.0/63

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.487+/-0.163 χ^2/NDF: 810.5/23

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 1.102+/-0.165 χ^2/NDF: 1071.2/26

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

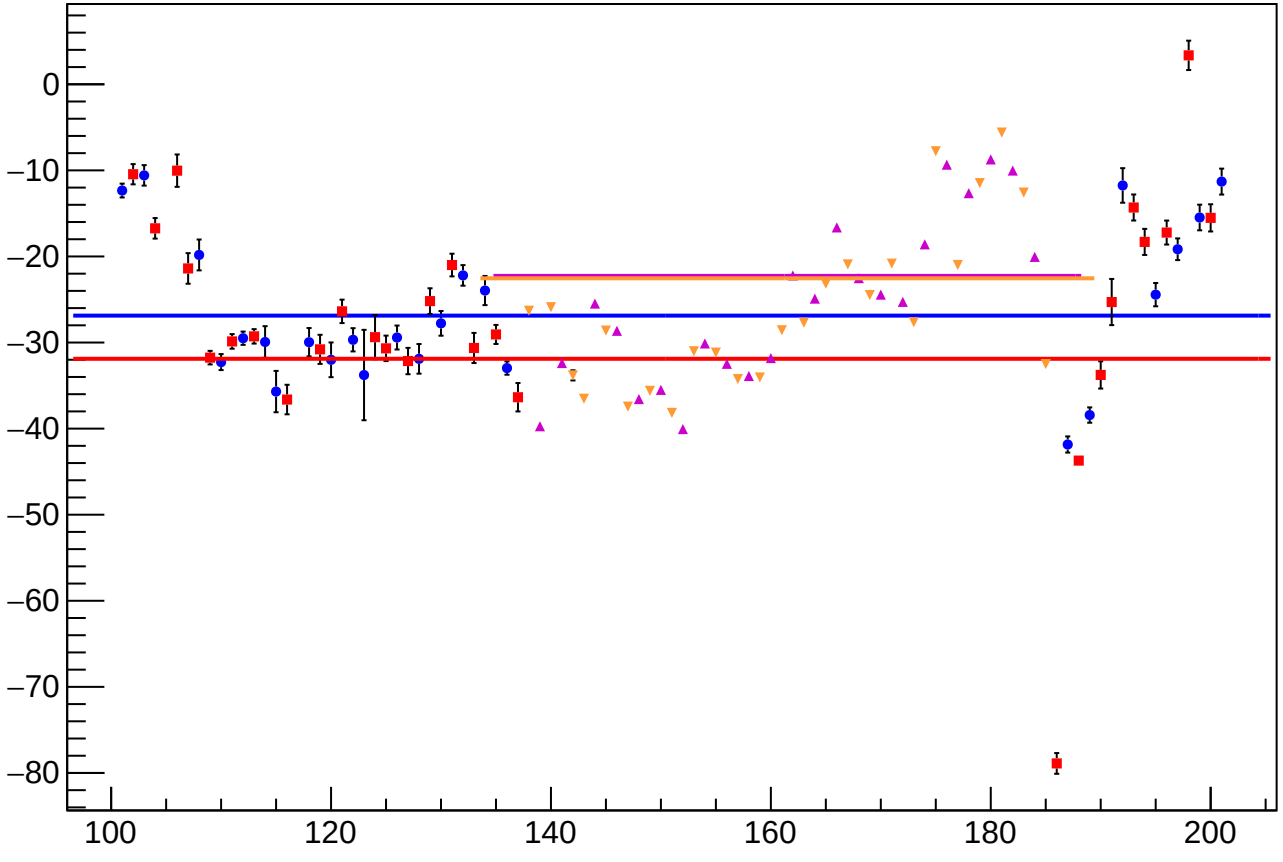
Right: 1.297+/-0.116 χ^2/NDF: 1884.5/50

In: 3.513+/-0.053 χ^2/NDF:6638.4/46

Out: 3.499+/-0.053 χ^2/NDF:8725.7/51

All: 3.506+/-0.037 χ^2/NDF: 15364.1/98

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.873+/-0.251 χ^2/NDF: 1386.1/23

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -31.888+/-0.224 χ^2/NDF: 3941.9/26

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

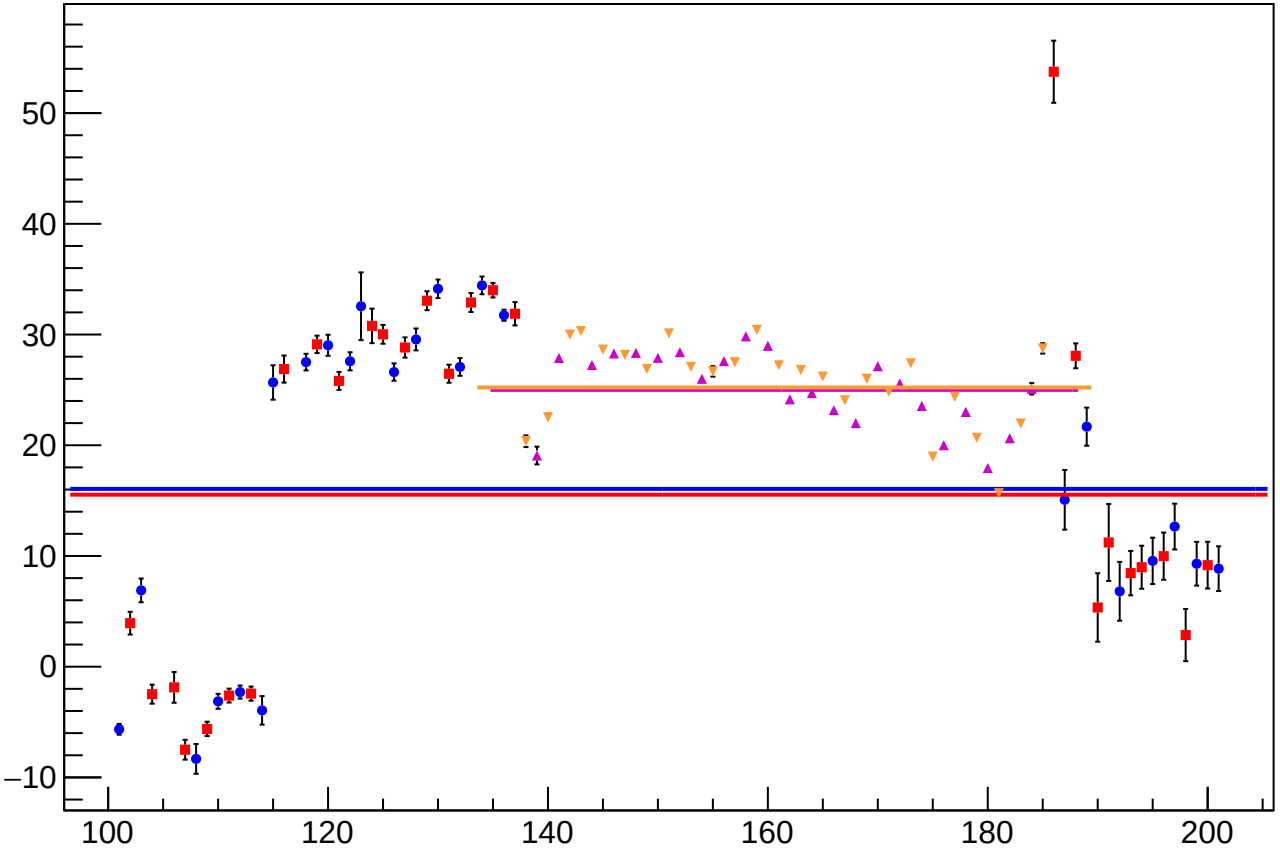
Right: -29.666+/-0.167 χ^2/NDF: 5550.0/50

In: -22.602+/-0.069 χ^2/NDF:19536.9/46

Out: -23.389+/-0.068 χ^2/NDF:25276.7/51

All: -23.002+/-0.048 χ^2/NDF: 44880.3/98

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.059+/-0.186 χ^2/NDF: 7672.1/23

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.537+/-0.189 χ^2/NDF: 7659.5/26

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

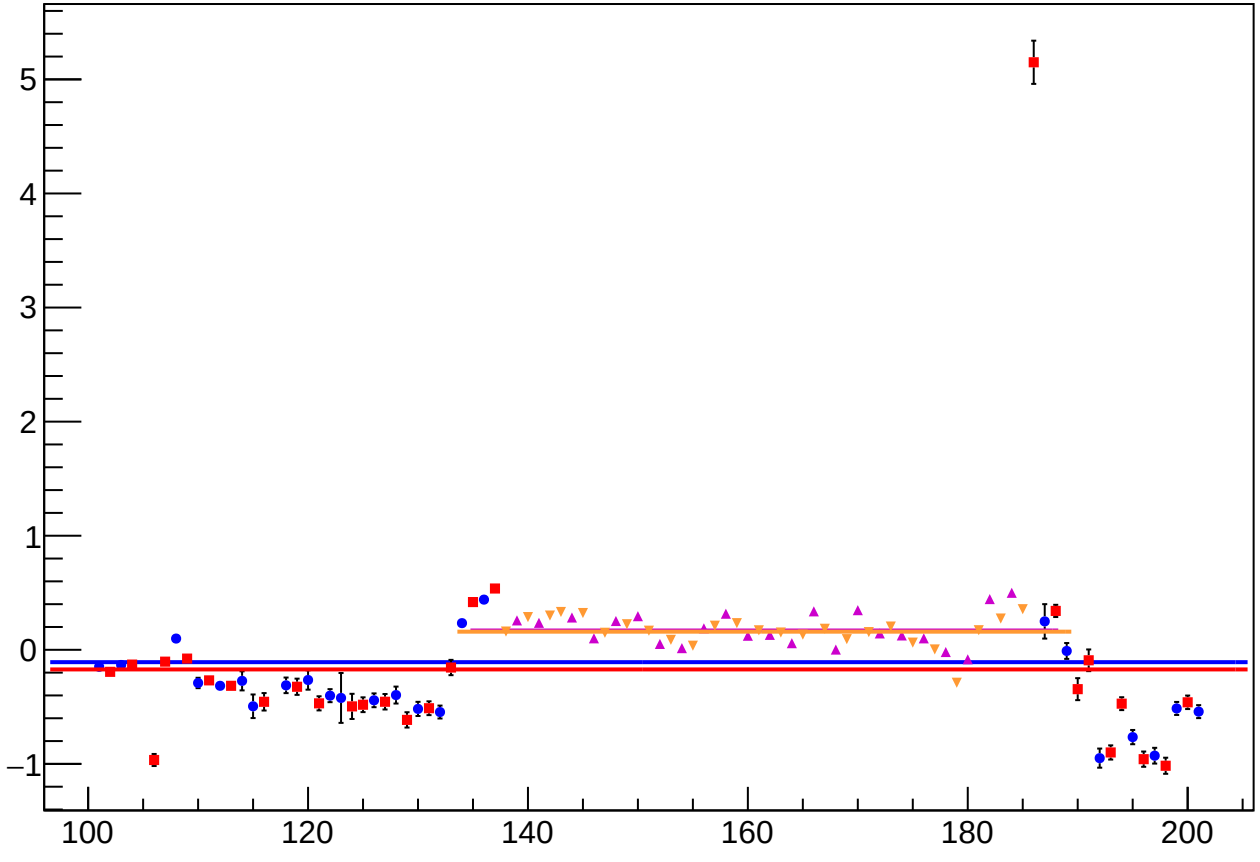
Right: 15.802+/-0.133 χ^2/NDF: 15335.5/50

In: 24.066+/-0.060 χ^2/NDF:12482.3/46

Out: 24.256+/-0.060 χ^2/NDF:13758.0/51

All: 24.162+/-0.042 χ^2/NDF: 26245.4/98

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.108+/-0.010 χ^2/NDF: 1532.8/23

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.172+/-0.009 χ^2/NDF: 2535.0/26

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

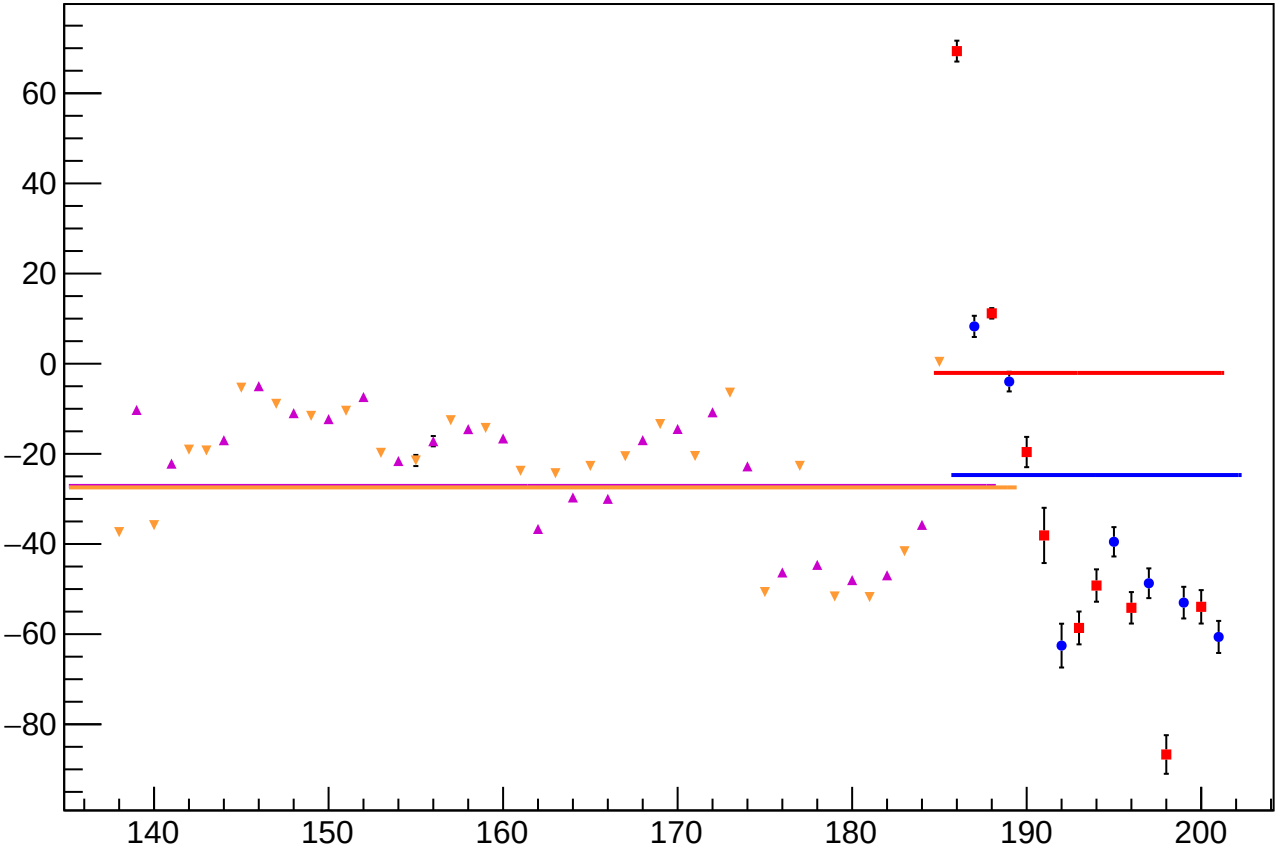
Right: -0.141+/-0.007 χ^2/NDF: 4090.2/50

In: 0.146+/-0.003 χ^2/NDF:4730.9/46

Out: 0.131+/-0.003 χ^2/NDF:5510.0/51

All: 0.138+/-0.002 χ^2/NDF: 10255.1/98

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.702+/-1.132 χ^2/NDF: 588.7/6

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: -2.044+/-0.843 χ^2/NDF: 2363.7/8

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

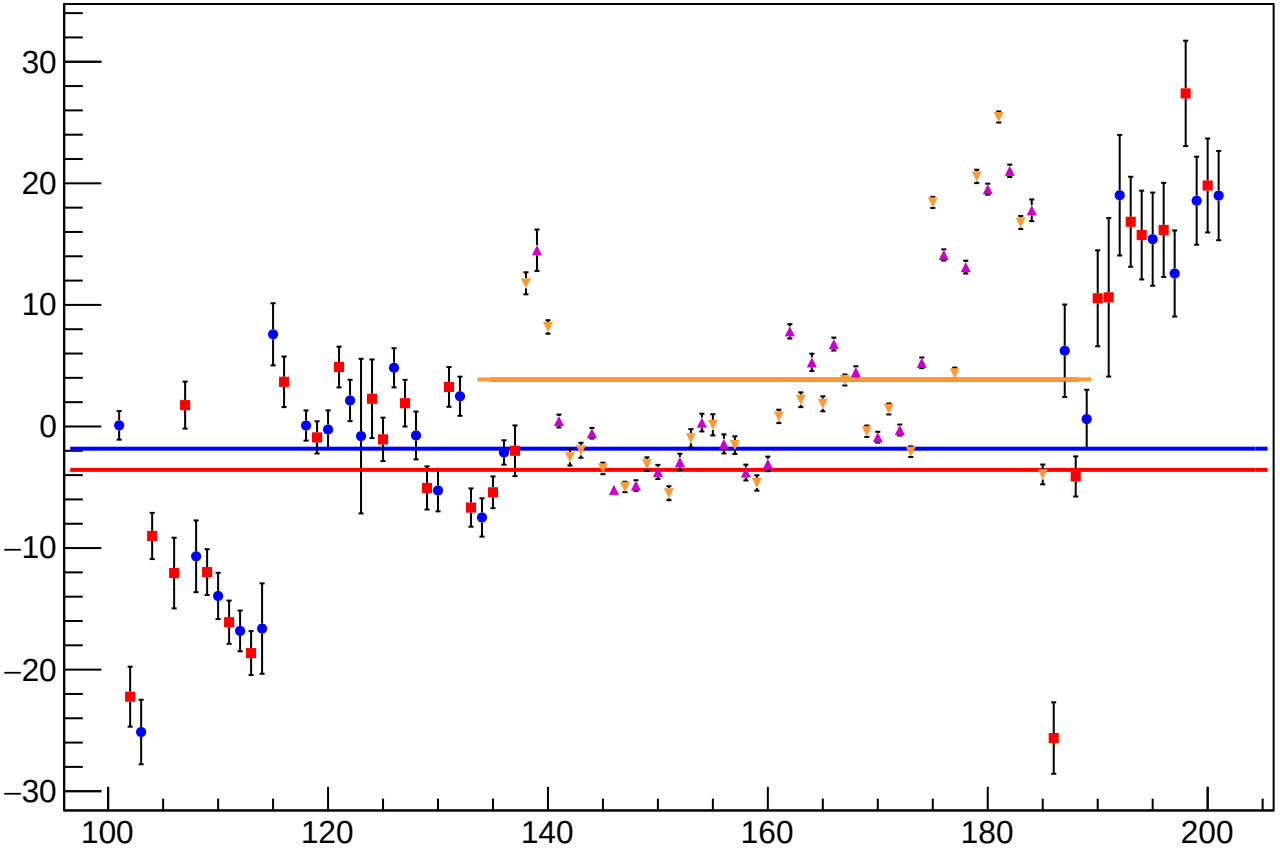
Right: -10.134+/-0.676 χ^2/NDF: 3210.1/15

In: -27.079+/-0.138 χ^2/NDF:12037.0/29

Out: -26.793+/-0.135 χ^2/NDF:18068.0/33

All: -26.934+/-0.096 χ^2/NDF: 30107.2/63

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.826+/-0.389 χ^2/NDF: 413.3/23

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -3.569+/-0.396 χ^2/NDF: 546.5/26

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

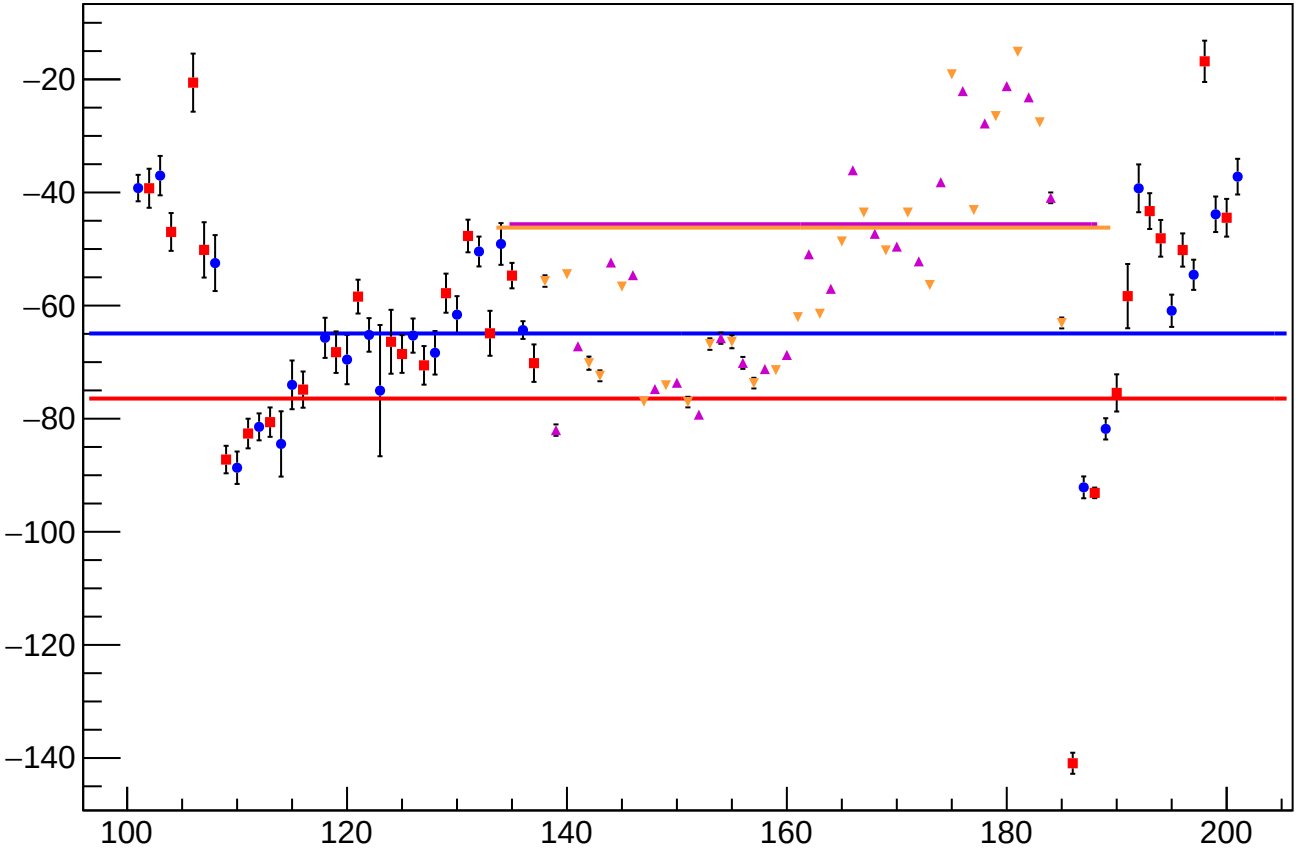
Right: -2.683+/-0.277 χ^2/NDF: 969.7/50

In: 3.434+/-0.107 χ^2/NDF:6049.3/46

Out: 3.344+/-0.106 χ^2/NDF:7781.2/51

All: 3.388+/-0.075 χ^2/NDF: 13830.8/98

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.931+/-0.586 χ^2/NDF: 831.4/23

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -76.440+/-0.514 χ^2/NDF: 2805.5/26

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

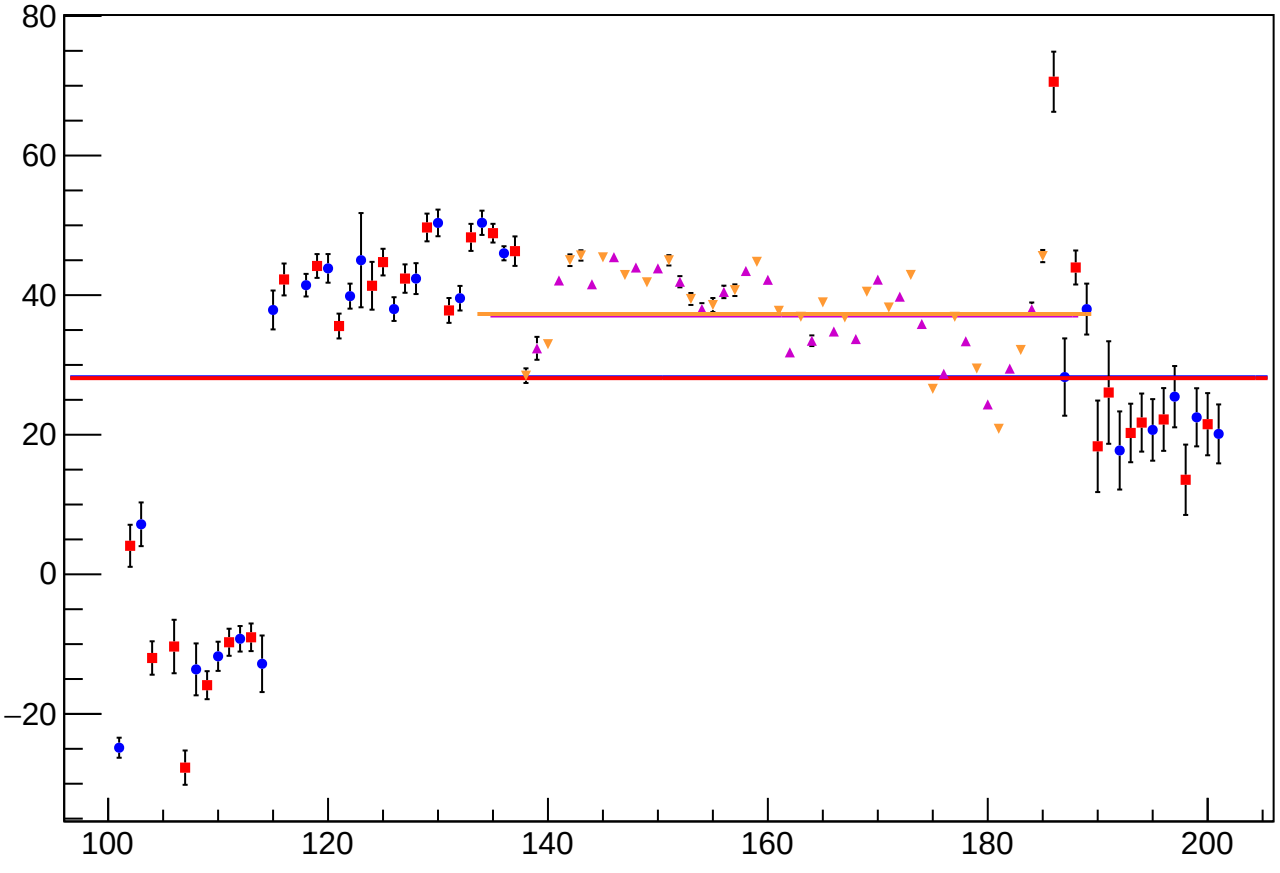
Right: -71.442+/-0.386 χ^2/NDF: 3854.9/50

In: -46.646+/-0.135 χ^2/NDF:19602.5/46

Out: -48.251+/-0.133 χ^2/NDF:26015.2/51

All: -47.461+/-0.095 χ^2/NDF: 45689.0/98

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.233+/-0.441 χ^2/NDF: 3350.1/23

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.104+/-0.453 χ^2/NDF: 3188.9/26

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

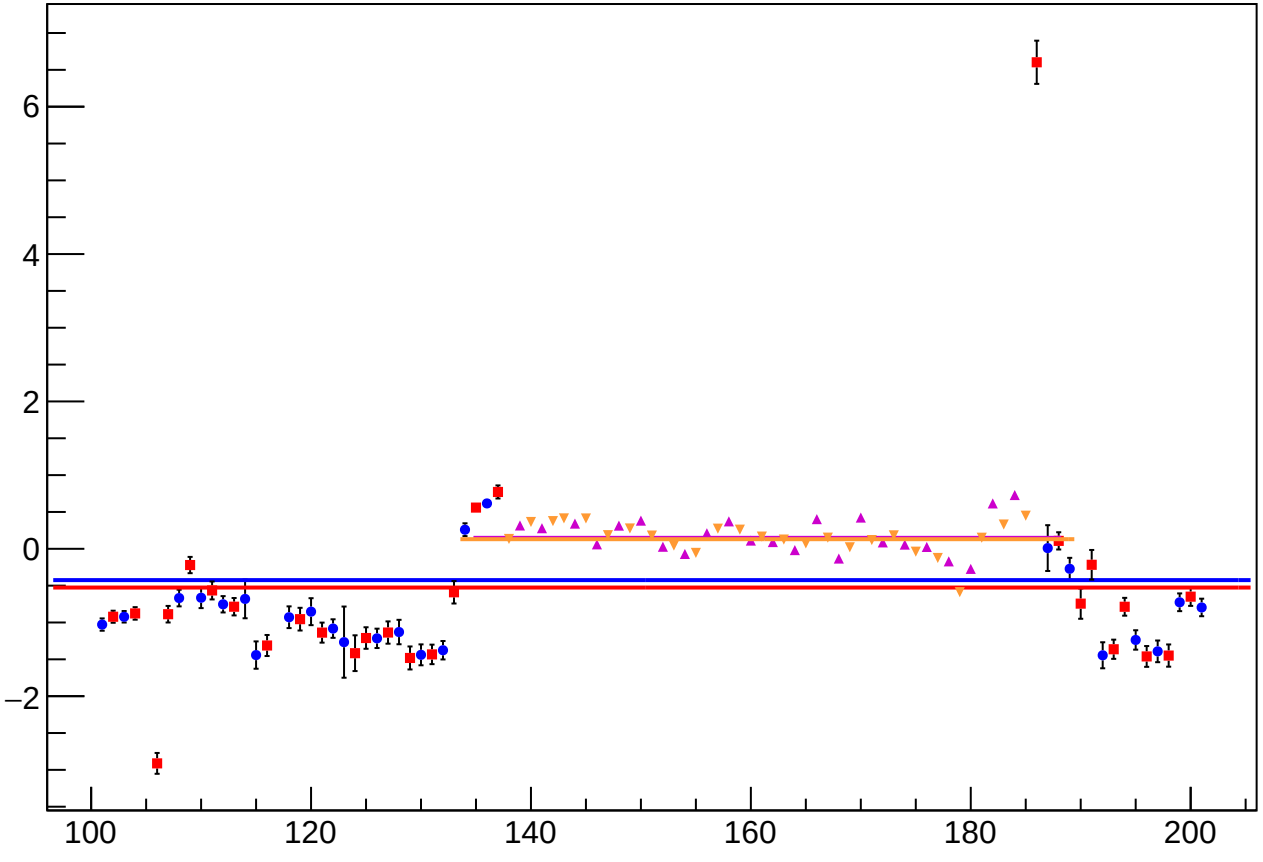
Right: 28.170+/-0.316 χ^2/NDF: 6539.0/50

In: 36.424+/-0.120 χ^2/NDF:6128.1/46

Out: 36.666+/-0.119 χ^2/NDF:6685.6/51

All: 36.546+/-0.084 χ^2/NDF: 12815.8/98

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.425+/-0.023 χ^2/NDF: 1162.4/23

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.526+/-0.023 χ^2/NDF: 1916.3/26

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

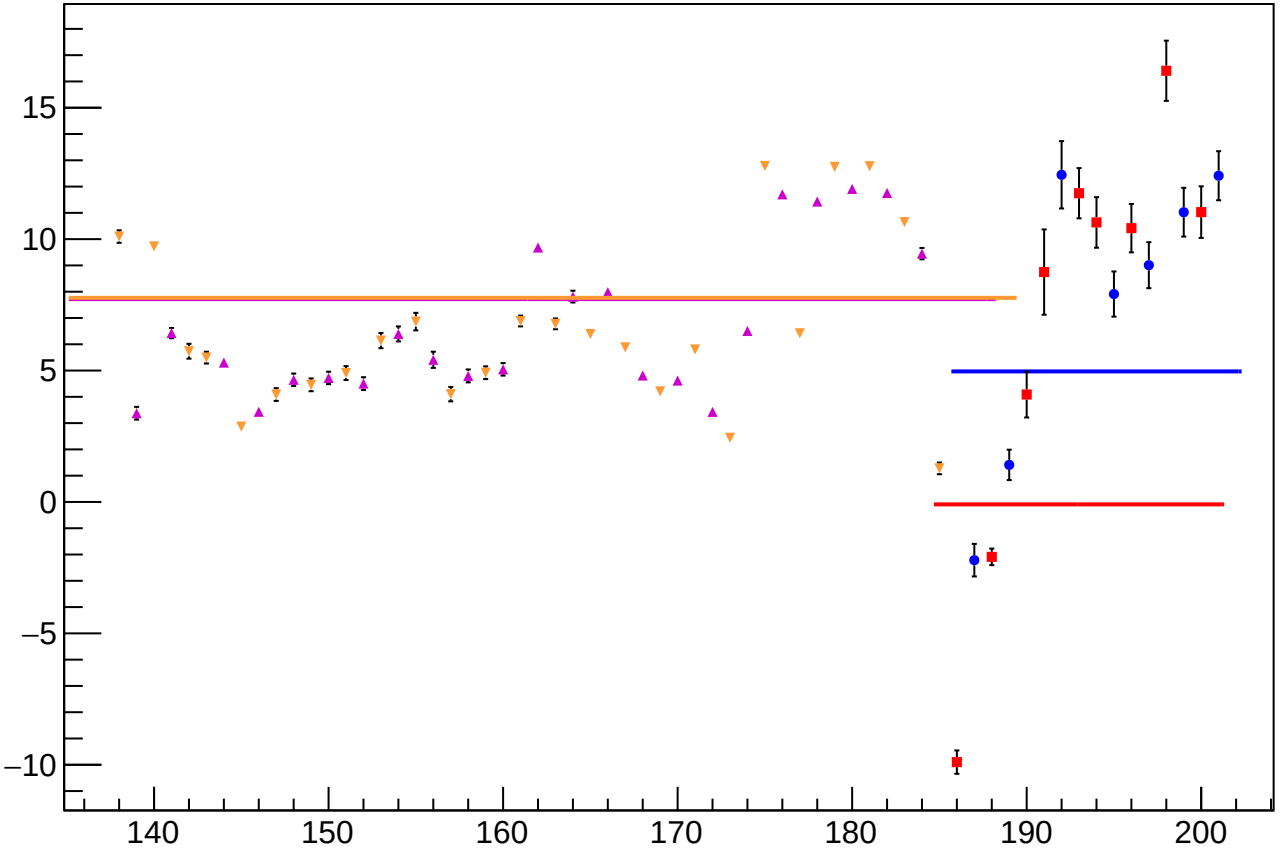
Right: -0.475+/-0.016 χ^2/NDF: 3088.6/50

In: 0.115+/-0.006 χ^2/NDF:3577.9/46

Out: 0.093+/-0.005 χ^2/NDF:4116.9/51

All: 0.103+/-0.004 χ^2/NDF: 7702.8/98

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.967+/-0.299 χ^2/NDF: 345.8/6

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -0.092+/-0.213 χ^2/NDF: 1324.0/8

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

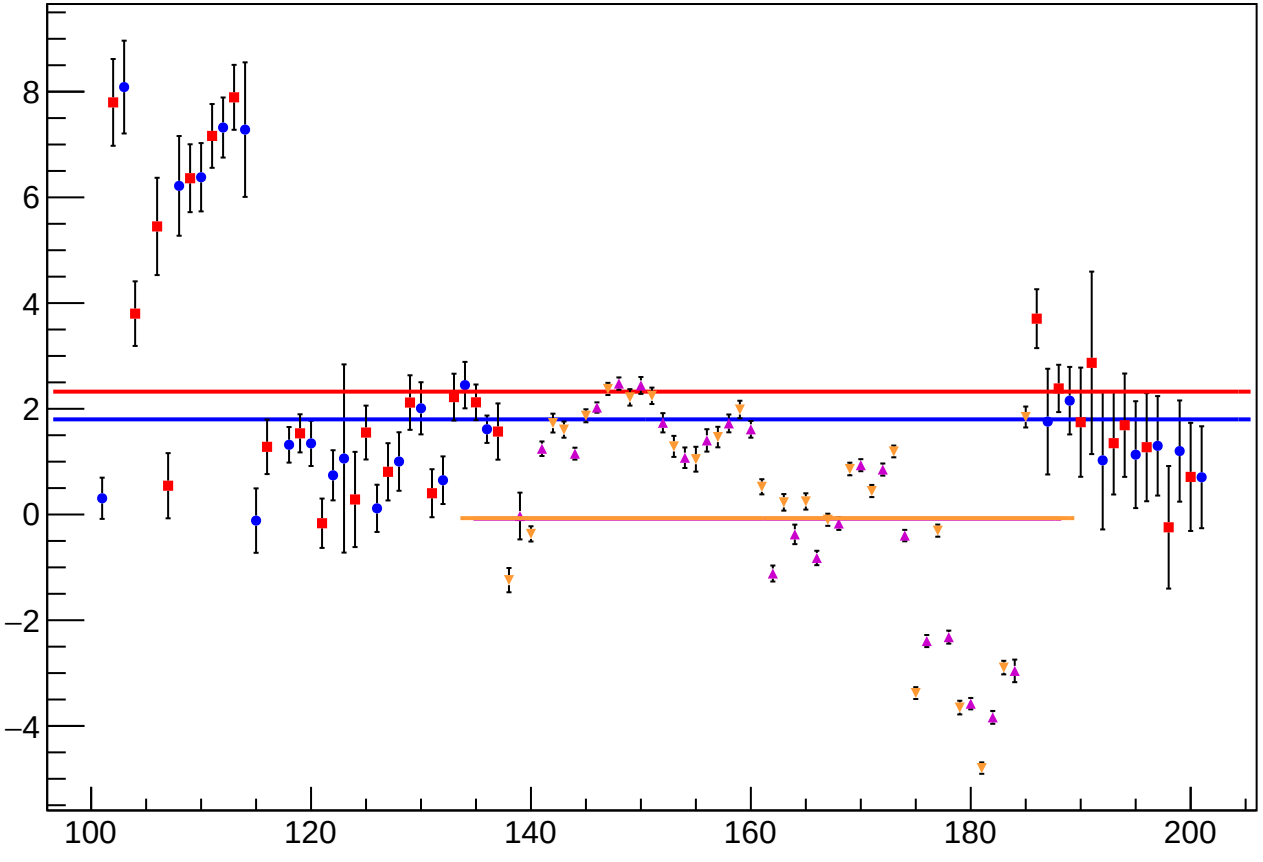
Right: 1.612+/-0.174 χ^2/NDF: 1859.4/15

In: 7.682+/-0.035 χ^2/NDF:8919.8/29

Out: 7.566+/-0.034 χ^2/NDF:14352.3/33

All: 7.623+/-0.024 χ^2/NDF: 23277.9/63

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.800+/-0.110 χ^2/NDF: 298.0/23

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.325+/-0.111 χ^2/NDF: 345.7/26

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

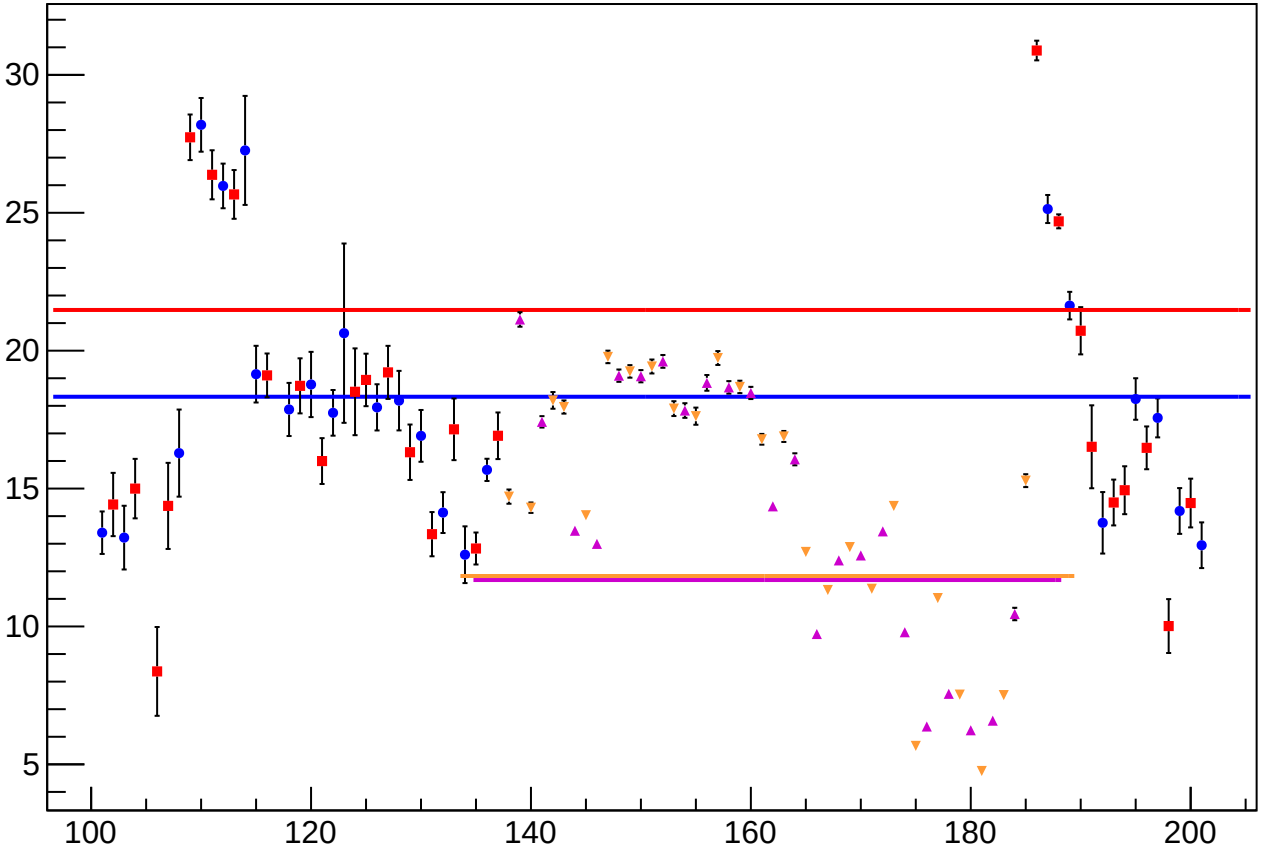
Right: 2.059+/-0.078 χ^2/NDF: 655.0/50

In: 0.037+/-0.027 χ^2/NDF:5560.7/46

Out: 0.072+/-0.027 χ^2/NDF:6814.0/51

All: 0.054+/-0.019 χ^2/NDF: 12375.5/98

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.329+/-0.163 χ^2/NDF: 693.2/23

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.476+/-0.138 χ^2/NDF: 1978.7/26

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

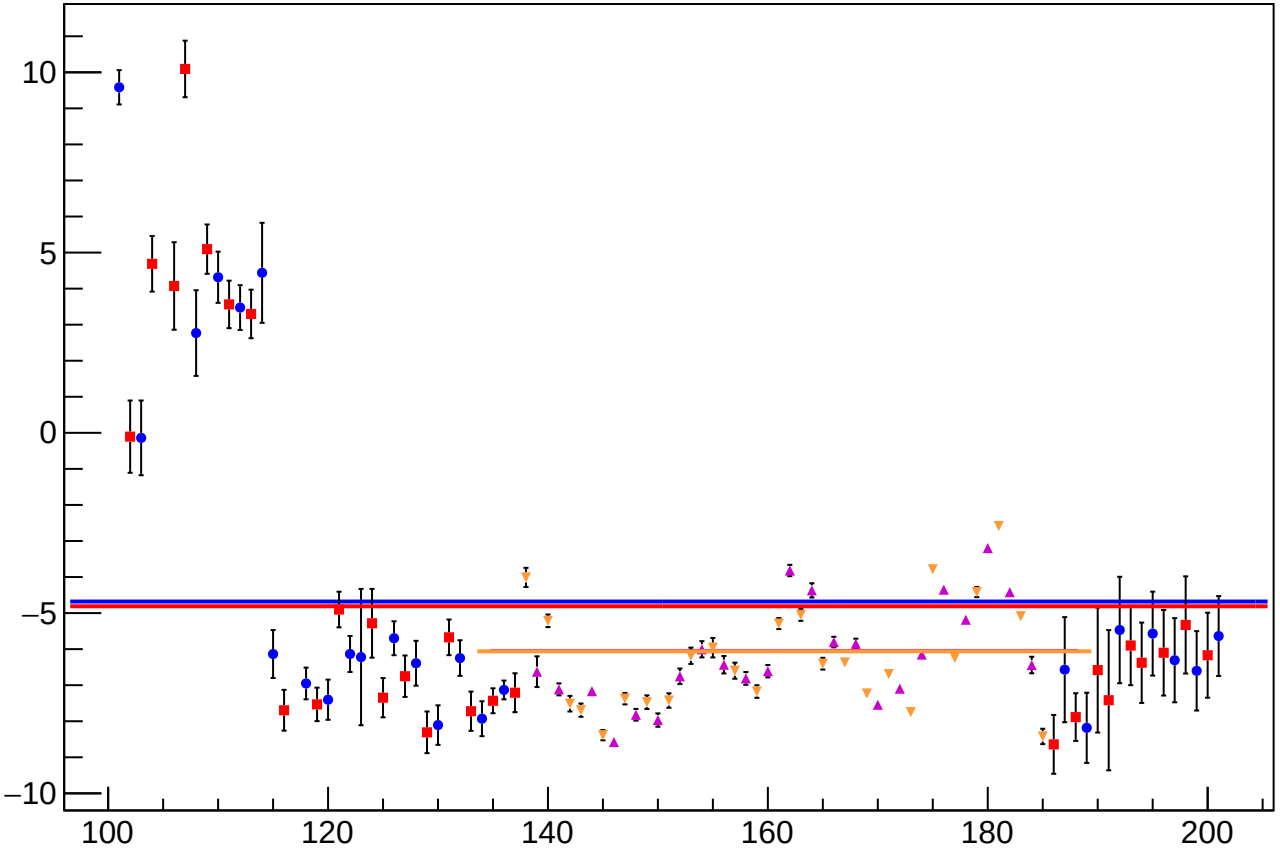
Right: 20.165+/-0.105 χ^2/NDF: 2889.4/50

In: 11.977+/-0.034 χ^2/NDF:19210.2/46

Out: 12.406+/-0.034 χ^2/NDF:25622.6/51

All: 12.195+/-0.024 χ^2/NDF: 44912.6/98

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.680+/-0.124 χ^2/NDF: 1612.8/23

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.811+/-0.128 χ^2/NDF: 1396.0/26

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

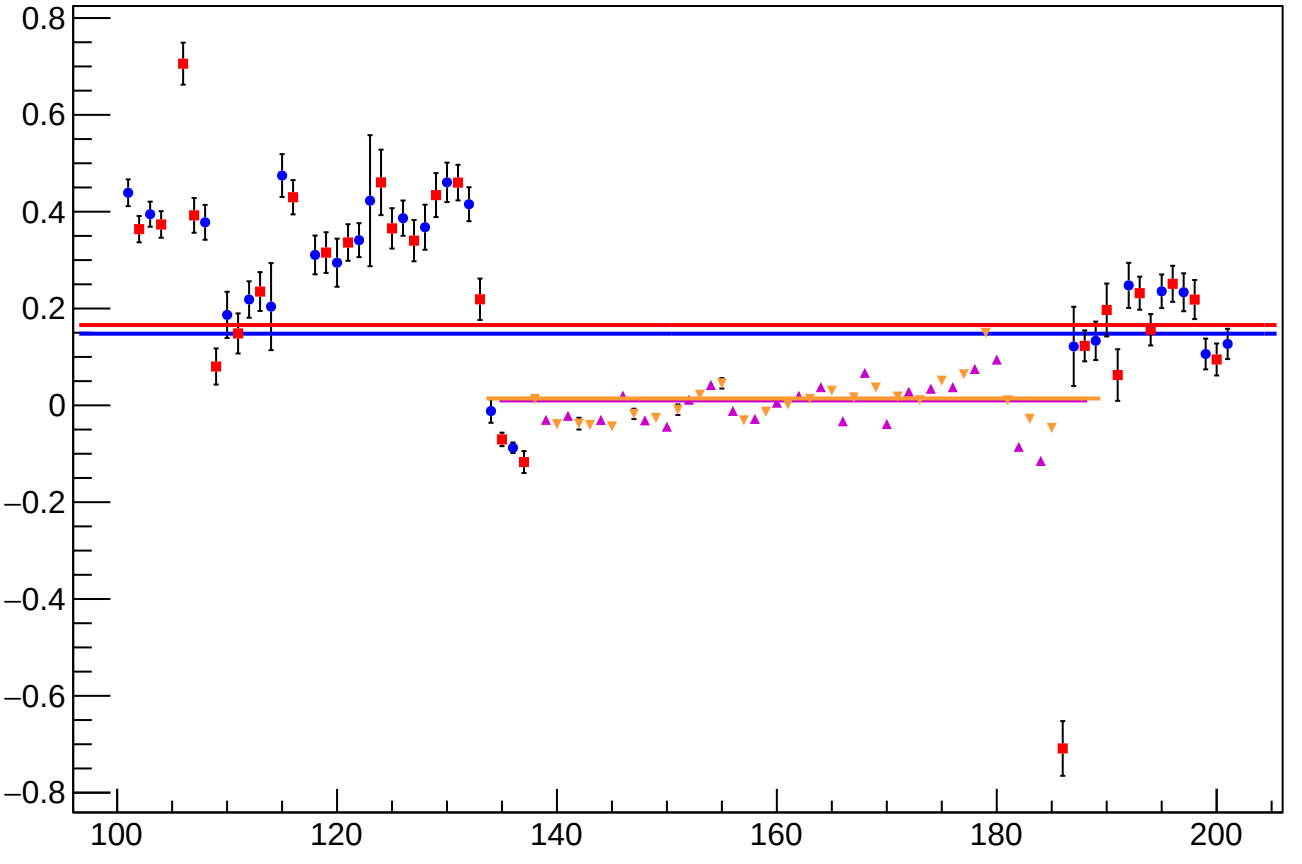
Right: -4.744+/-0.089 χ^2/NDF: 3009.4/50

In: -5.967+/-0.031 χ^2/NDF:4030.2/46

Out: -5.990+/-0.030 χ^2/NDF:4135.5/51

All: -5.979+/-0.022 χ^2/NDF: 8166.1/98

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.148+/-0.006 χ^2/NDF: 1079.0/23

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.166+/-0.006 χ^2/NDF: 1268.2/26

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

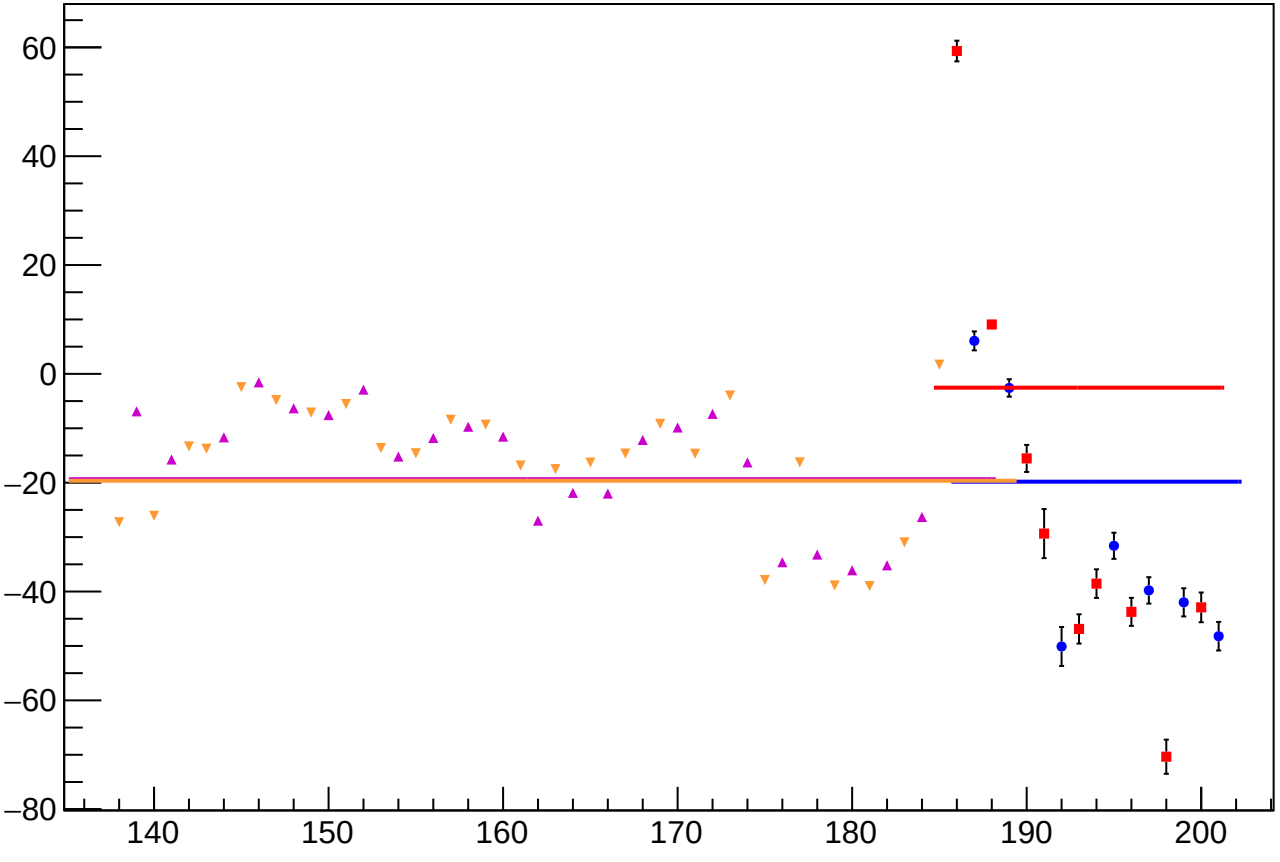
Right: 0.157+/-0.005 χ^2/NDF: 2351.1/50

In: 0.017+/-0.001 χ^2/NDF:2752.3/46

Out: 0.021+/-0.001 χ^2/NDF:2750.8/51

All: 0.019+/-0.001 χ^2/NDF: 5508.1/98

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.813+/-0.835 χ^2/NDF: 690.0/6

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: -2.535+/-0.627 χ^2/NDF: 2709.9/8

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

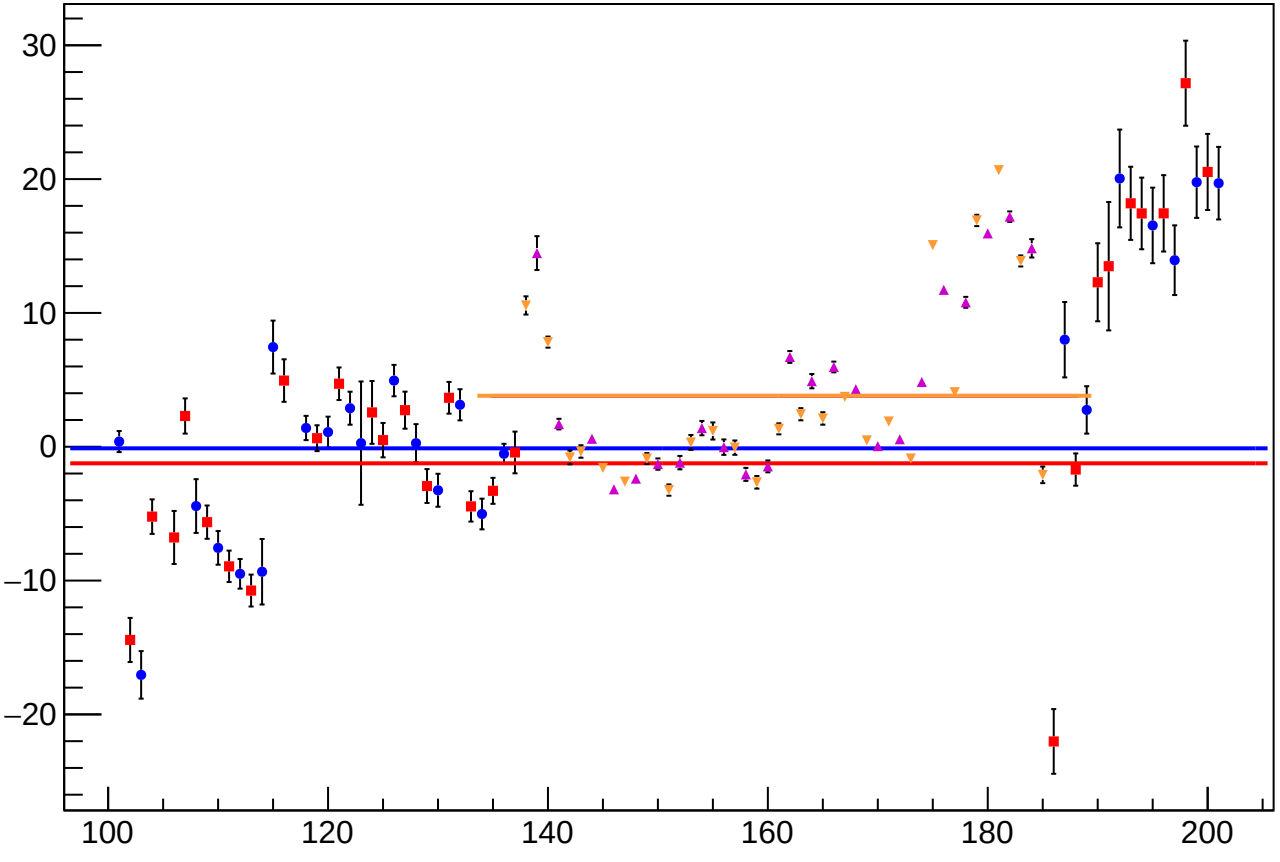
Right: -8.760+/-0.501 χ^2/NDF: 3673.9/15

In: -19.362+/-0.104 χ^2/NDF:13107.3/29

Out: -19.189+/-0.102 χ^2/NDF:19166.4/33

All: -19.274+/-0.073 χ^2/NDF: 32275.2/63

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.118+/-0.278 χ^2/NDF: 507.3/23

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -1.237+/-0.282 χ^2/NDF: 680.4/26

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

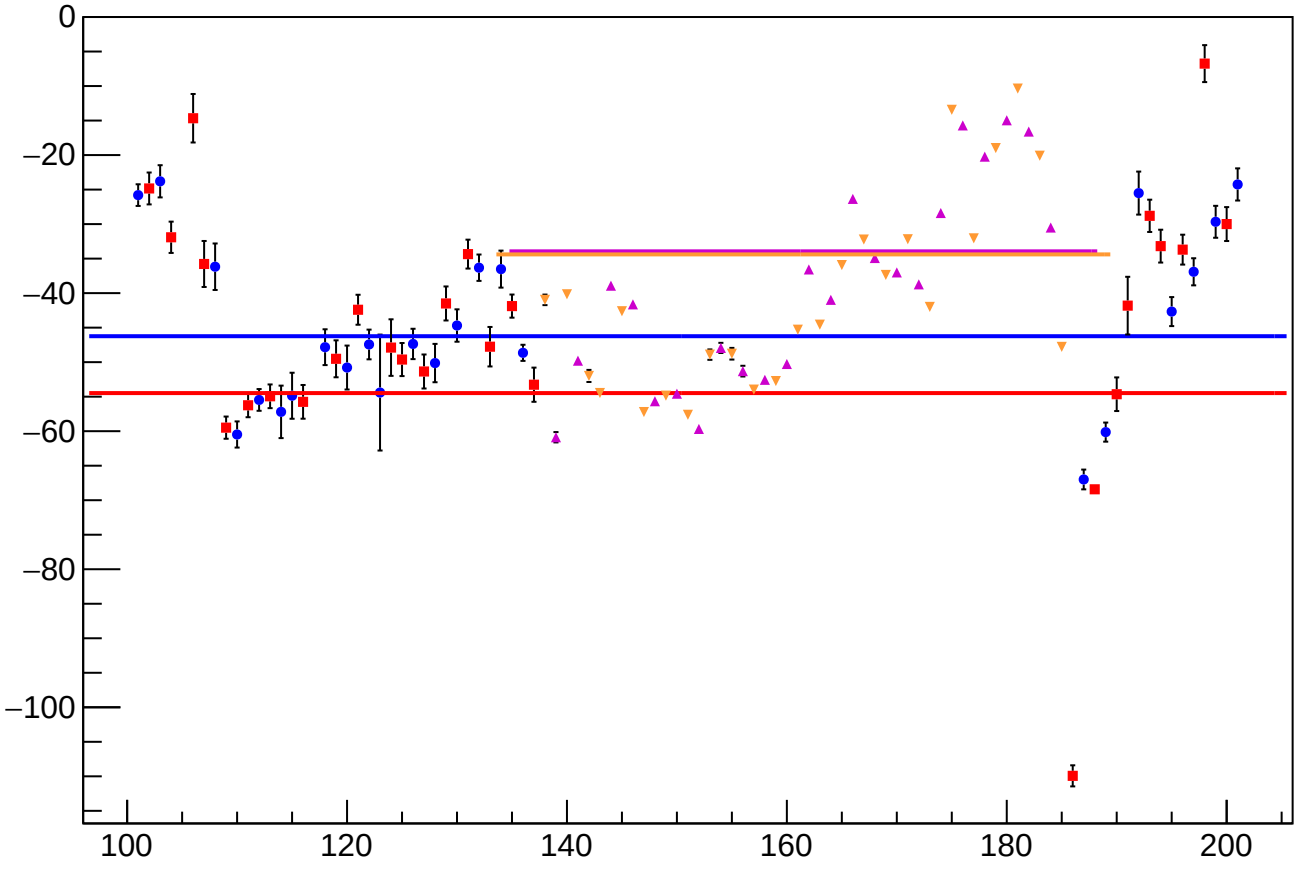
Right: -0.669+/-0.198 χ^2/NDF: 1195.7/50

In: 3.472+/-0.080 χ^2/NDF:6223.9/46

Out: 3.416+/-0.079 χ^2/NDF:8093.5/51

All: 3.444+/-0.056 χ^2/NDF: 14317.6/98

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.241+/-0.421 χ^2/NDF: 948.9/23

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -54.481+/-0.372 χ^2/NDF: 3111.7/26

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

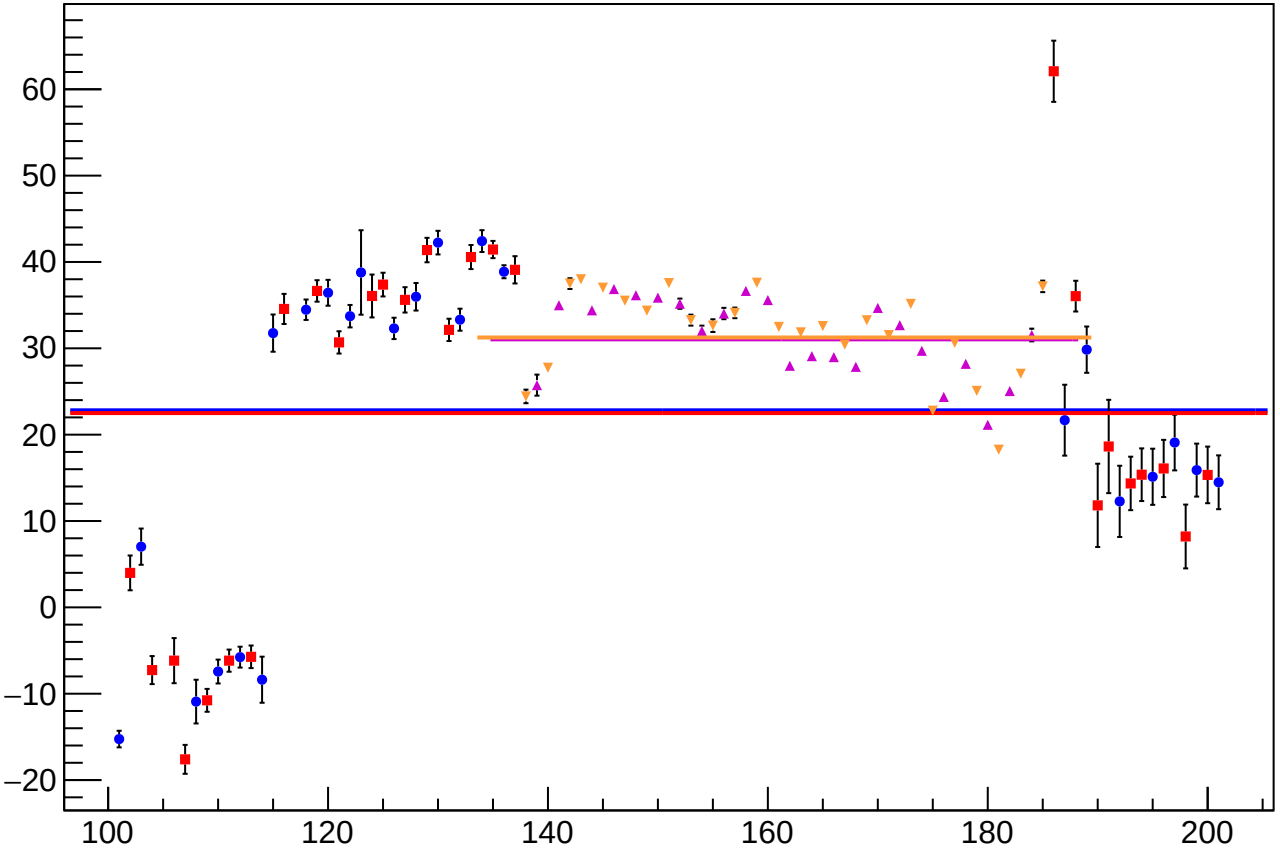
Right: -50.873+/-0.279 χ^2/NDF: 4275.6/50

In: -34.663+/-0.102 χ^2/NDF:19606.2/46

Out: -35.850+/-0.100 χ^2/NDF:25851.4/51

All: -35.265+/-0.071 χ^2/NDF: 45526.7/98

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.819+/-0.315 χ^2/NDF: 4379.2/23

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.501+/-0.323 χ^2/NDF: 4251.7/26

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

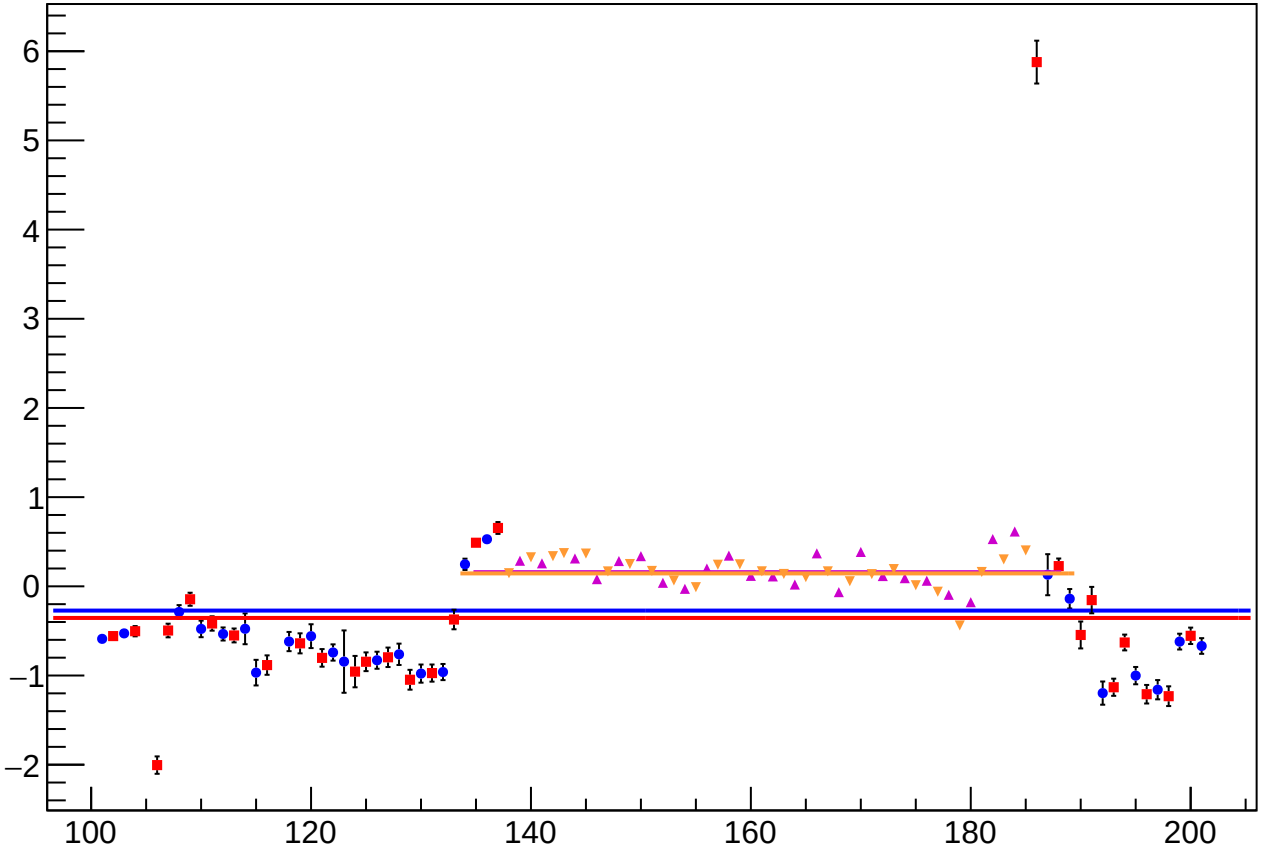
Right: 22.664+/-0.226 χ^2/NDF: 8631.4/50

In: 30.371+/-0.090 χ^2/NDF:7492.8/46

Out: 30.588+/-0.089 χ^2/NDF:8235.2/51

All: 30.481+/-0.063 χ^2/NDF: 15730.9/98

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.272+/-0.016 χ^2/NDF: 1238.6/23

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.355+/-0.016 χ^2/NDF: 2114.6/26

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

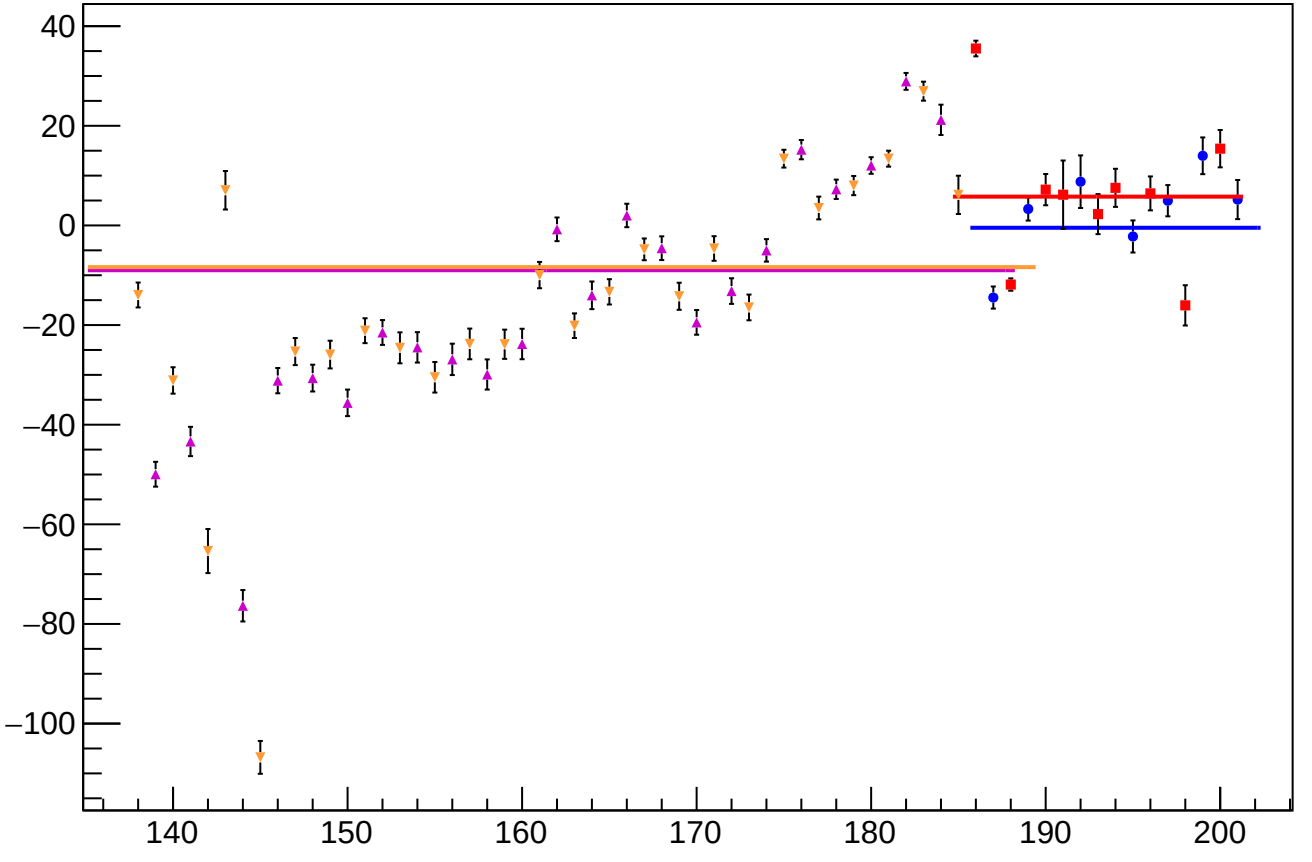
Right: -0.313+/-0.011 χ^2/NDF: 3366.1/50

In: 0.131+/-0.004 χ^2/NDF:3917.3/46

Out: 0.113+/-0.004 χ^2/NDF:4571.2/51

All: 0.122+/-0.003 χ^2/NDF: 8498.0/98

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.467+/-1.147 χ^2/NDF: 66.3/6

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 5.780+/-0.809 χ^2/NDF: 598.2/8

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

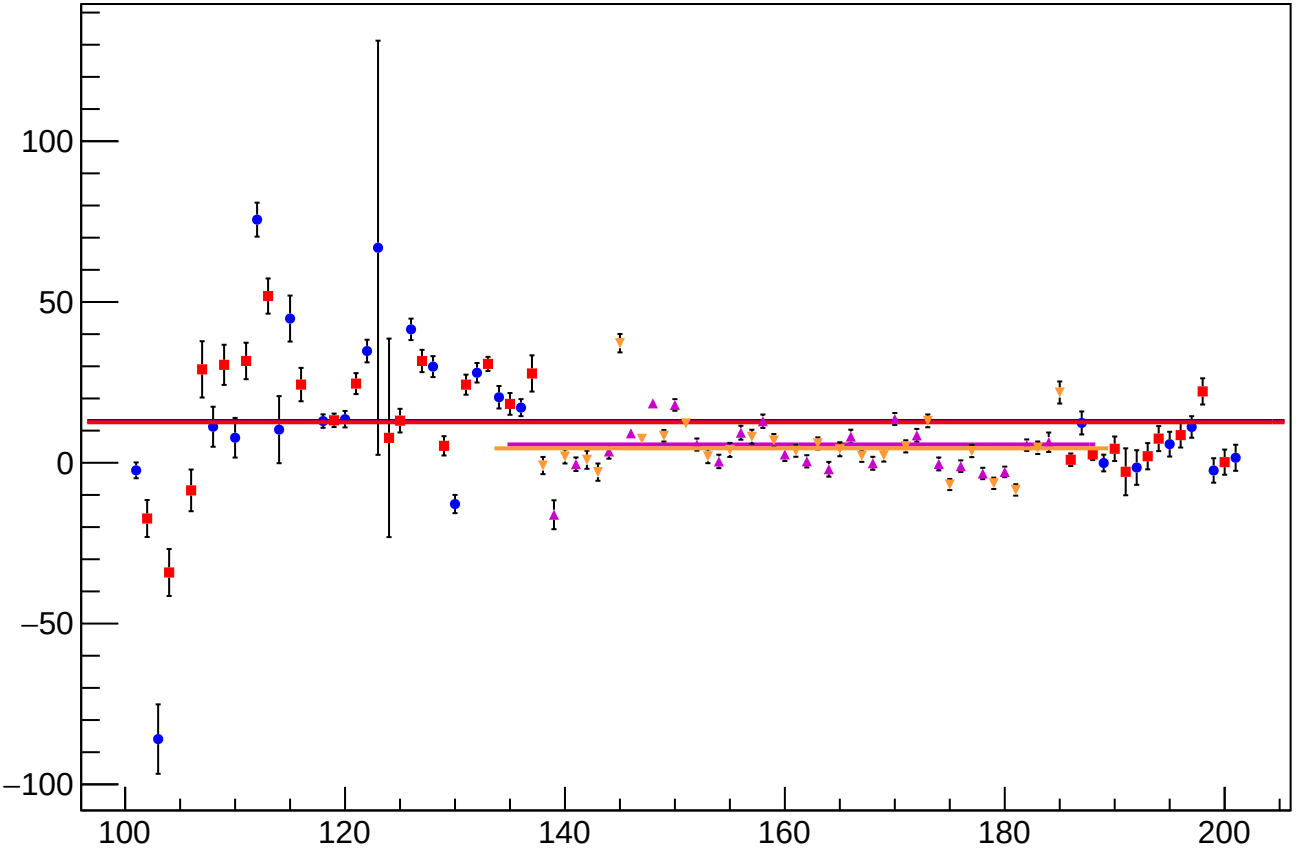
Right: 3.705+/-0.661 χ^2/NDF: 684.2/15

In: -7.610+/-0.462 χ^2/NDF:2420.8/29

Out: -4.458+/-0.425 χ^2/NDF:3043.7/33

All: -5.904+/-0.313 χ^2/NDF: 5489.6/63

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.996+/-0.718 χ^2/NDF: 597.6/23

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 12.597+/-0.668 χ^2/NDF: 404.7/26

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

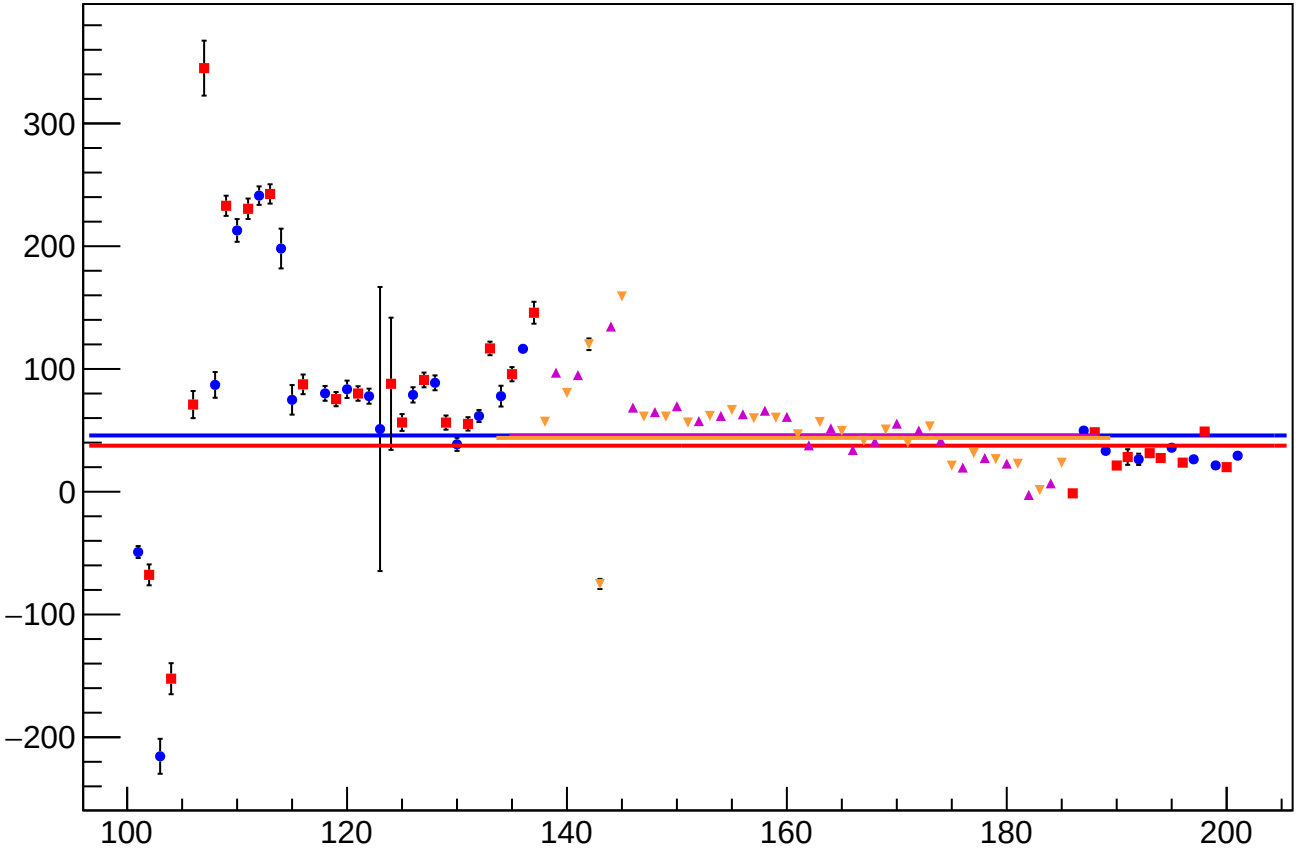
Right: 12.782+/-0.489 χ^2/NDF: 1002.4/50

In: 7.449+/-0.352 χ^2/NDF:1005.2/46

Out: 6.575+/-0.339 χ^2/NDF:886.2/51

All: 6.996+/-0.244 χ^2/NDF: 1894.6/98

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 45.836+/-0.834 χ^2/NDF: 2529.9/23

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 37.518+/-0.624 χ^2/NDF: 4231.3/26

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

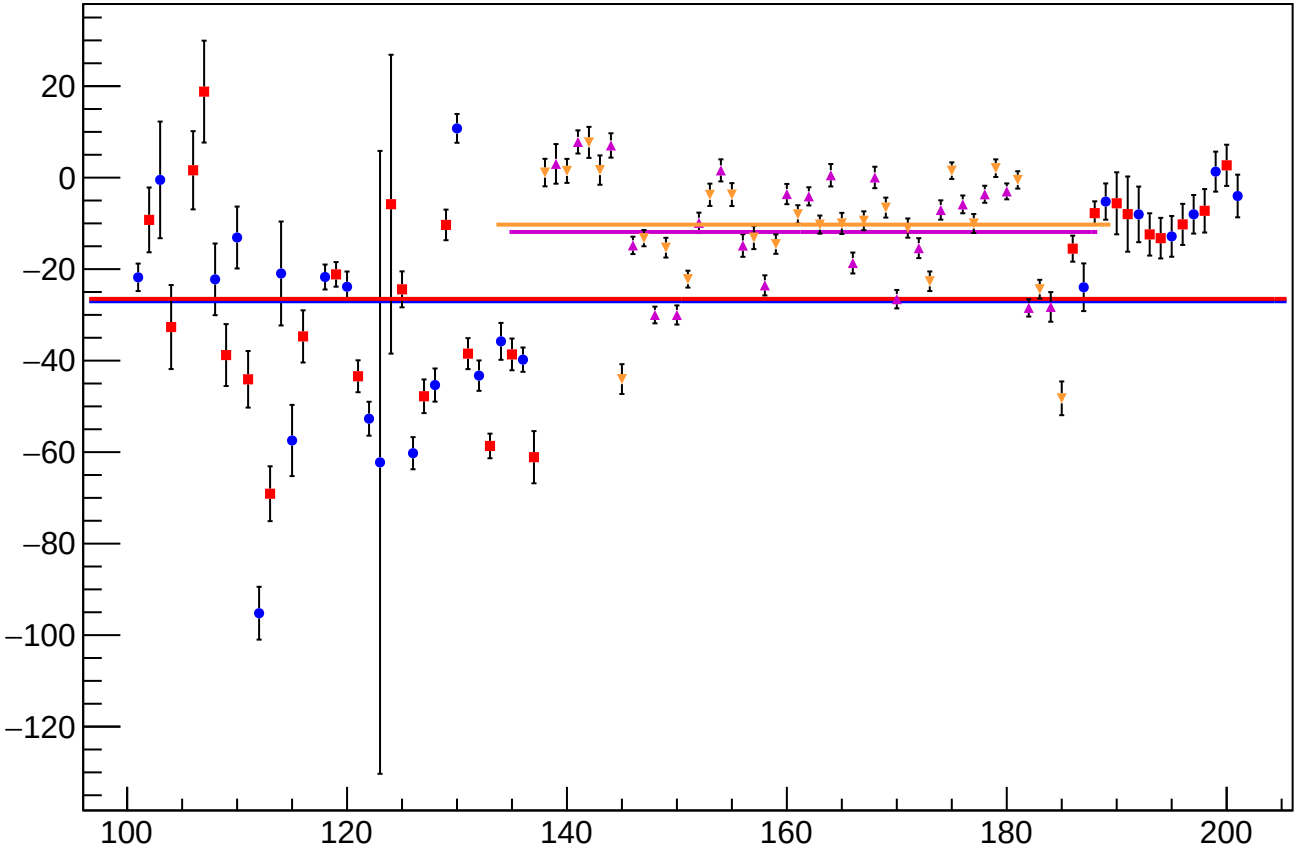
Right: 40.503+/-0.499 χ^2/NDF: 6825.1/50

In: 45.633+/-0.430 χ^2/NDF:5682.4/46

Out: 41.373+/-0.390 χ^2/NDF:7974.9/51

All: 43.292+/-0.289 χ^2/NDF: 13711.1/98

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.019+/-0.848 χ^2/NDF: 668.2/23

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -26.500+/-0.817 χ^2/NDF: 559.0/26

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

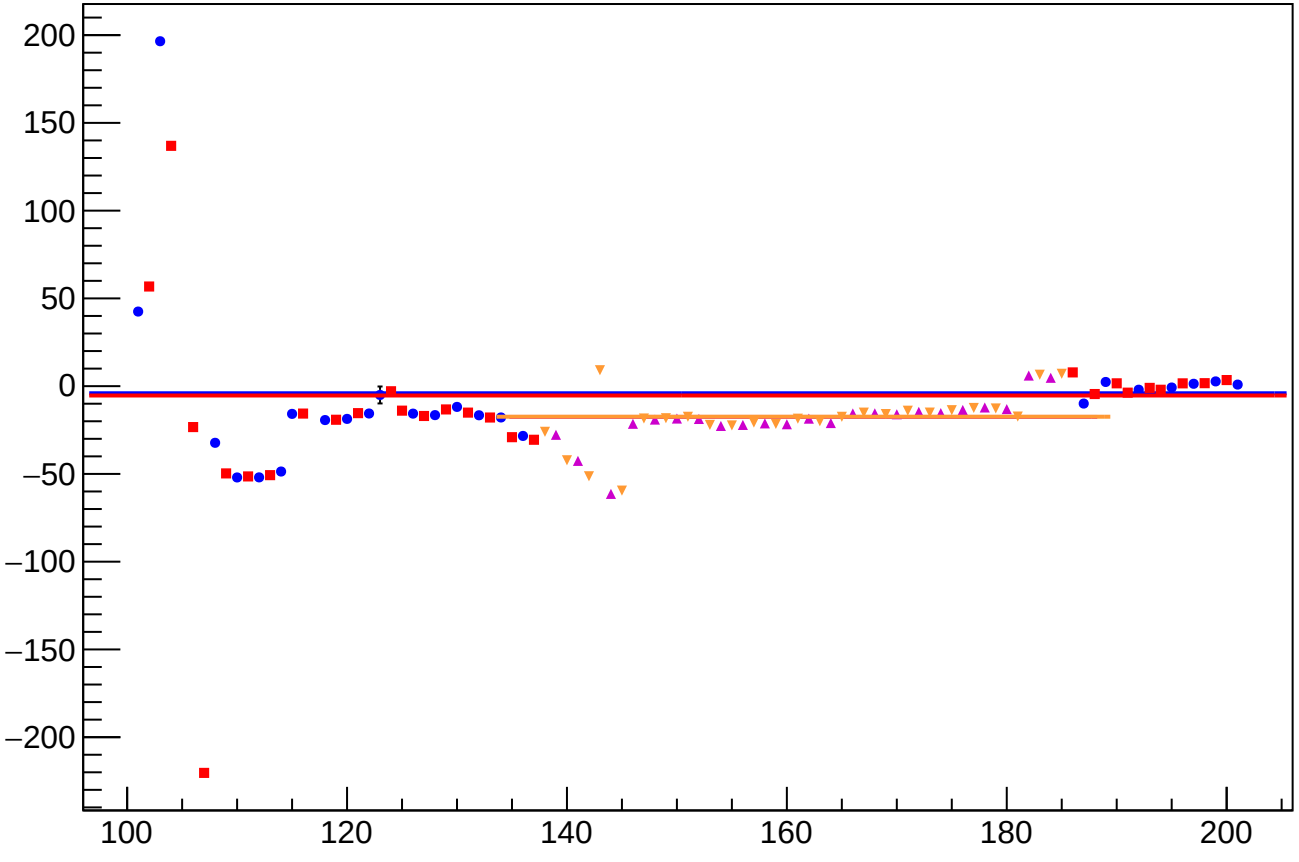
Right: -26.750+/-0.588 χ^2/NDF: 1227.4/50

In: -15.259+/-0.401 χ^2/NDF:1584.4/46

Out: -13.982+/-0.391 χ^2/NDF:1417.3/51

All: -14.604+/-0.280 χ^2/NDF: 3006.9/98

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -4.055+/-0.041 χ^2/NDF: 590589.2/23

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -5.318+/-0.039 χ^2/NDF: 584587.1/26

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

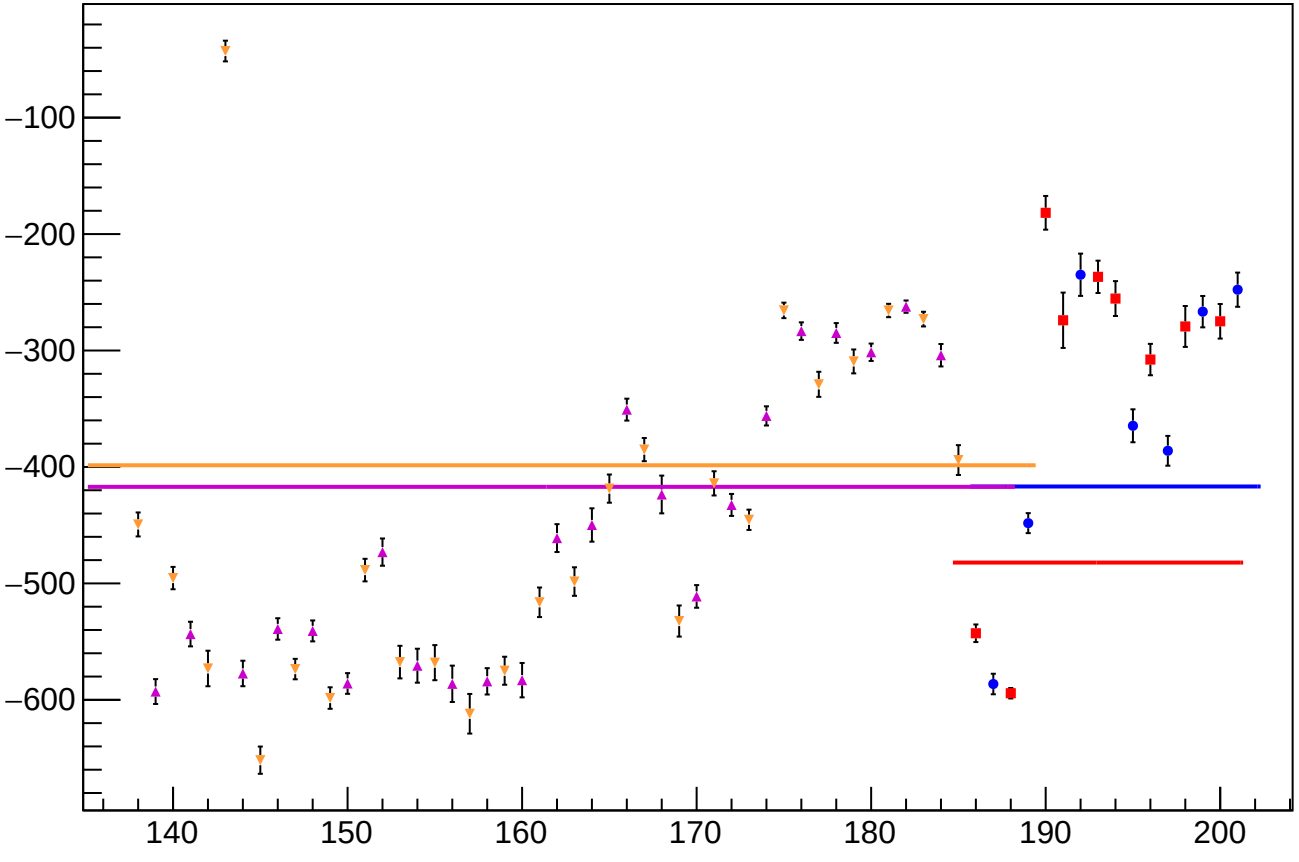
Right: -4.721+/-0.028 χ^2/NDF: 1175668.4/50

In: -14.868+/-0.018 χ^2/NDF:937959.5/46

Out: -14.818+/-0.018 χ^2/NDF:979971.9/51

All: -14.842+/-0.013 χ^2/NDF: 1917935.1/98

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -416.768+/-4.440 χ^2/NDF: 759.8/6

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -482.099+/-3.216 χ^2/NDF: 2234.7/8

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

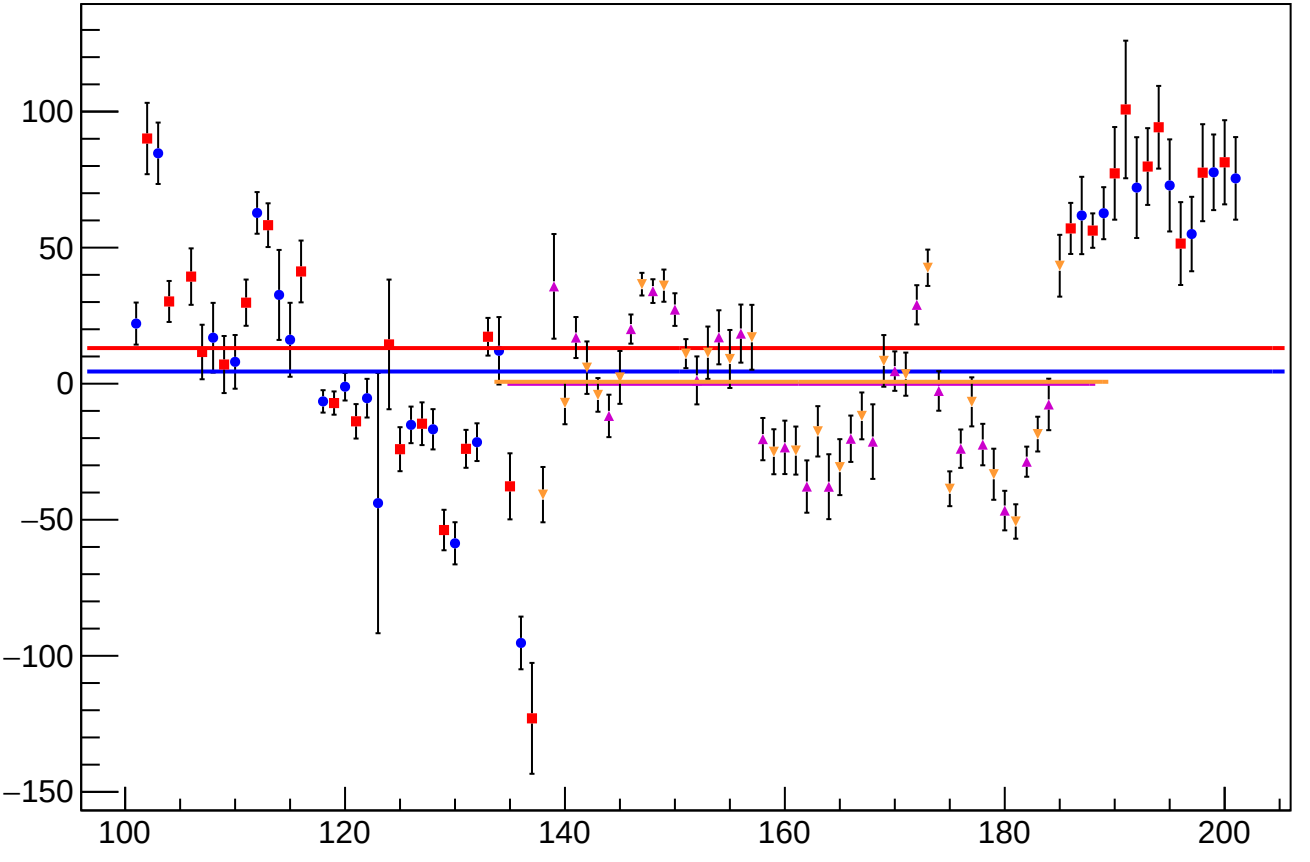
Right: -459.622+/-2.604 χ^2/NDF: 3136.6/15

In: -417.027+/-1.821 χ^2/NDF:4718.4/29

Out: -421.213+/-1.675 χ^2/NDF:8386.2/33

All: -419.295+/-1.233 χ^2/NDF: 13107.5/63

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.477+/-1.775 χ^2/NDF: 479.6/23

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 13.085+/-1.733 χ^2/NDF: 518.2/26

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

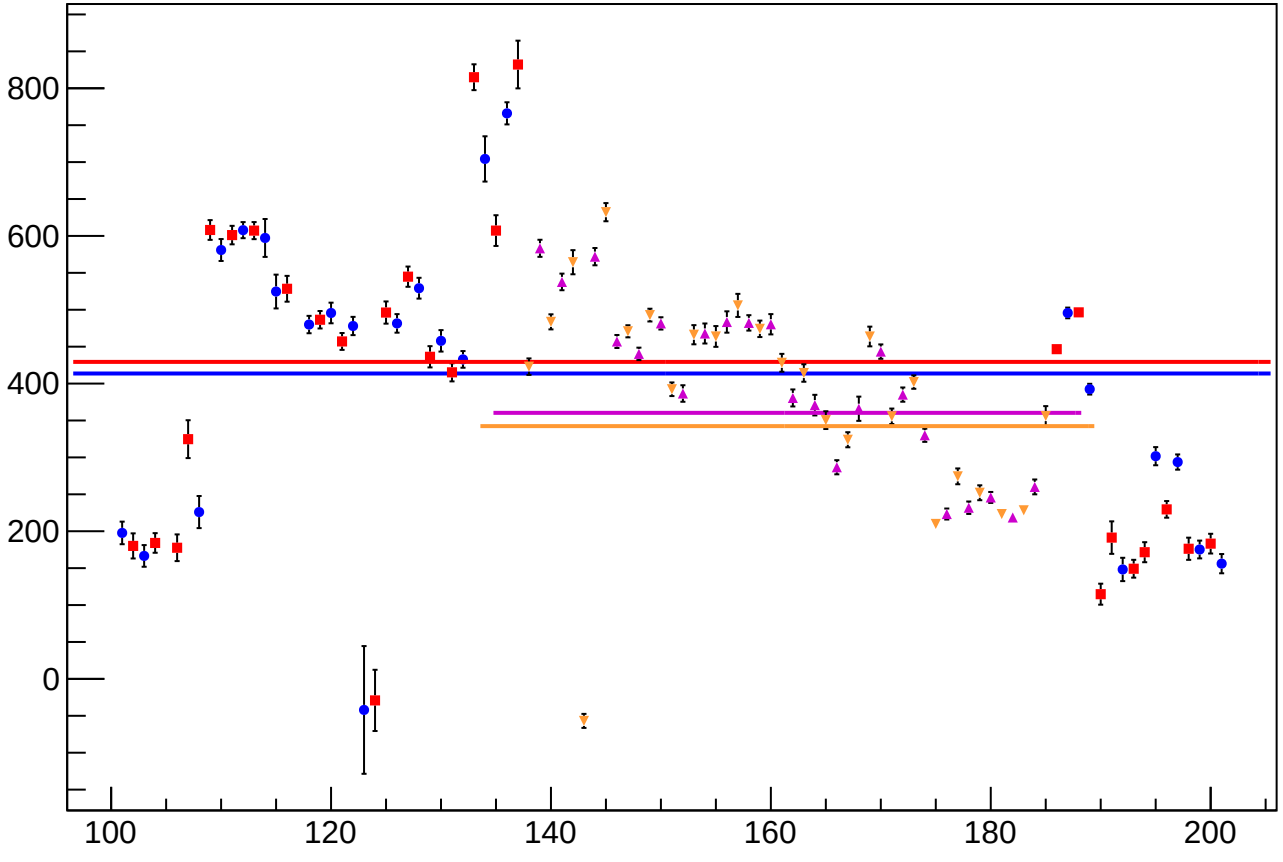
Right: 8.883+/-1.240 χ^2/NDF: 1009.9/50

In: 1.938+/-1.176 χ^2/NDF:747.4/46

Out: 6.044+/-1.139 χ^2/NDF:897.1/51

All: 4.057+/-0.818 χ^2/NDF: 1650.8/98

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 413.646+/-2.612 χ^2/NDF: 3367.1/23

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 429.378+/-2.128 χ^2/NDF: 5155.0/26

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

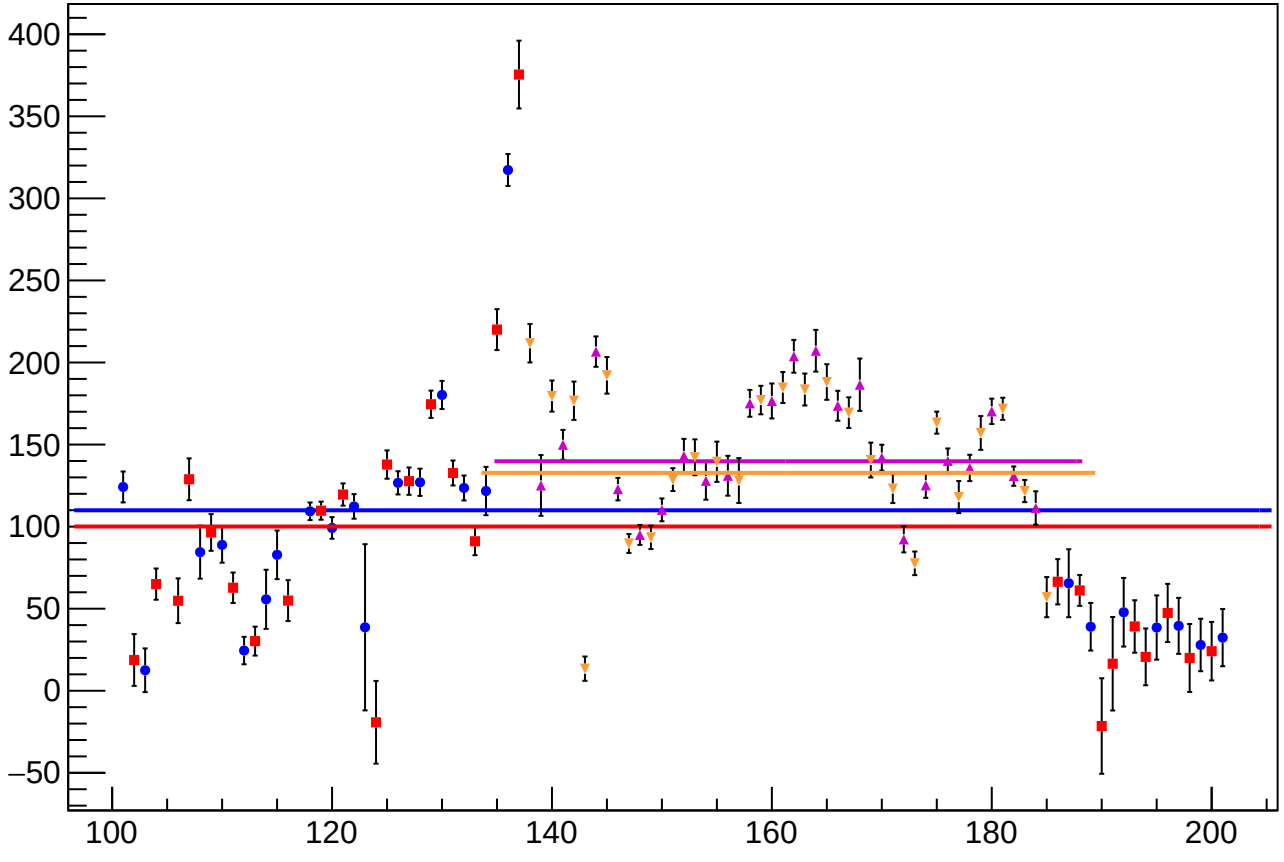
Right: 423.102+/-1.650 χ^2/NDF: 8543.9/50

In: 379.995+/-1.586 χ^2/NDF:7079.8/46

Out: 382.520+/-1.446 χ^2/NDF:11237.1/51

All: 381.374+/-1.068 χ^2/NDF: 18318.3/98

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 109.951+/-2.082 χ^2/NDF: 832.9/23

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 100.085+/-2.045 χ^2/NDF: 709.6/26

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

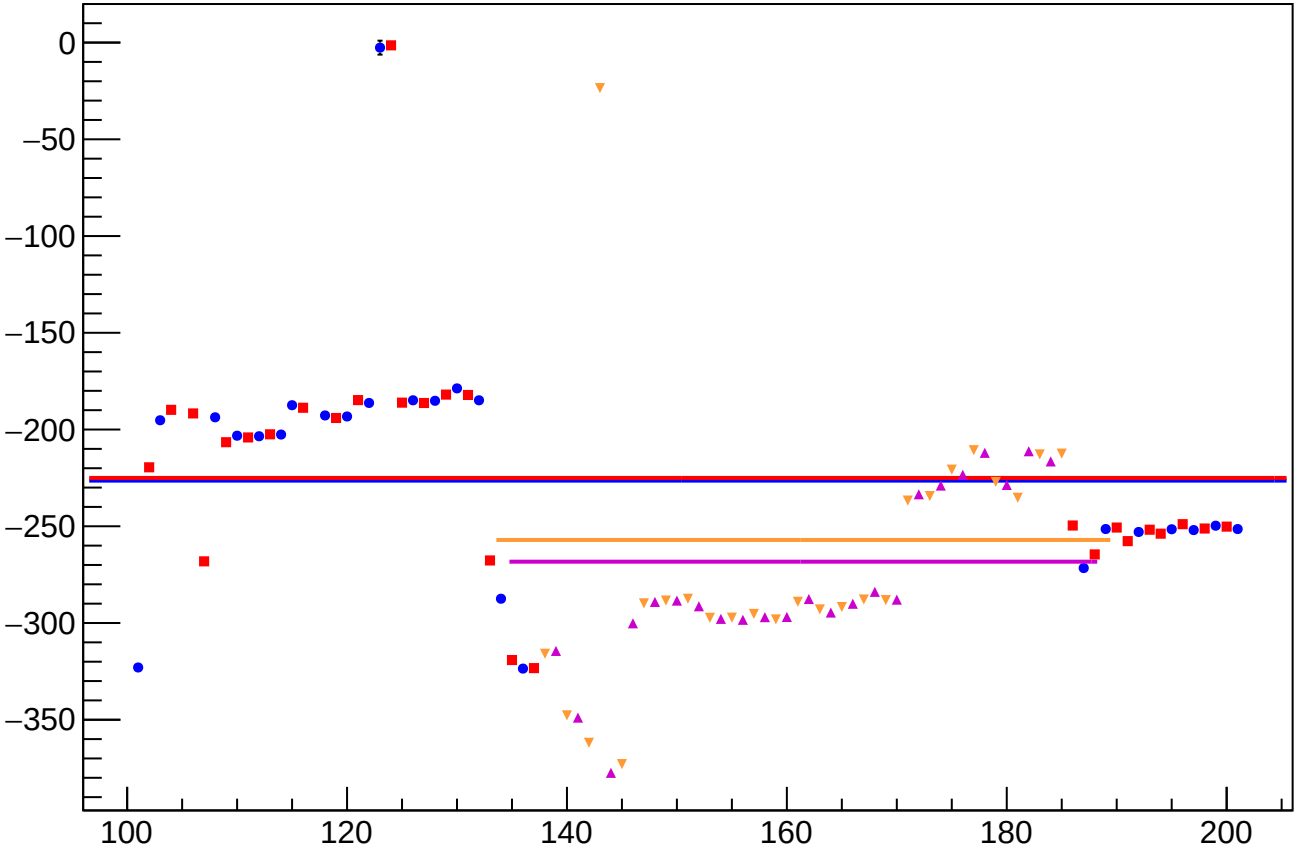
Right: 104.928+/-1.459 χ^2/NDF: 1553.9/50

In: 127.136+/-1.357 χ^2/NDF:1272.9/46

Out: 119.077+/-1.323 χ^2/NDF:1607.6/51

All: 123.004+/-0.947 χ^2/NDF: 2898.6/98

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -226.403+/-0.116 χ^2/NDF: 165679.6/23

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -225.007+/-0.109 χ^2/NDF: 144396.0/26

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

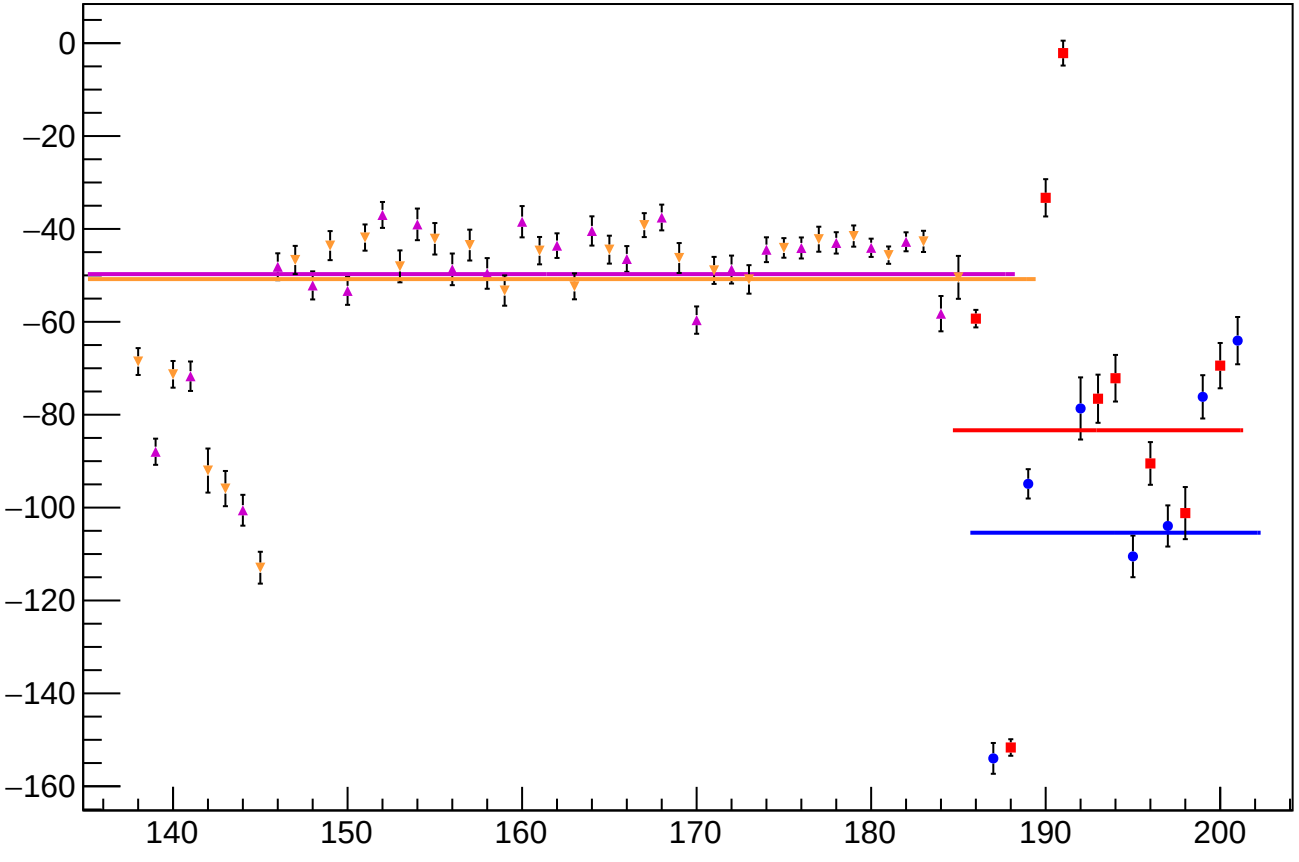
Right: -225.661+/-0.079 χ^2/NDF: 310153.0/50

In: -254.005+/-0.068 χ^2/NDF:516954.9/46

Out: -245.376+/-0.066 χ^2/NDF:865524.0/51

All: -249.561+/-0.047 χ^2/NDF: 1390874.8/98

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -105.408+/-1.584 χ^2/NDF: 348.3/6

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.352+/-1.002 χ^2/NDF: 2735.7/8

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

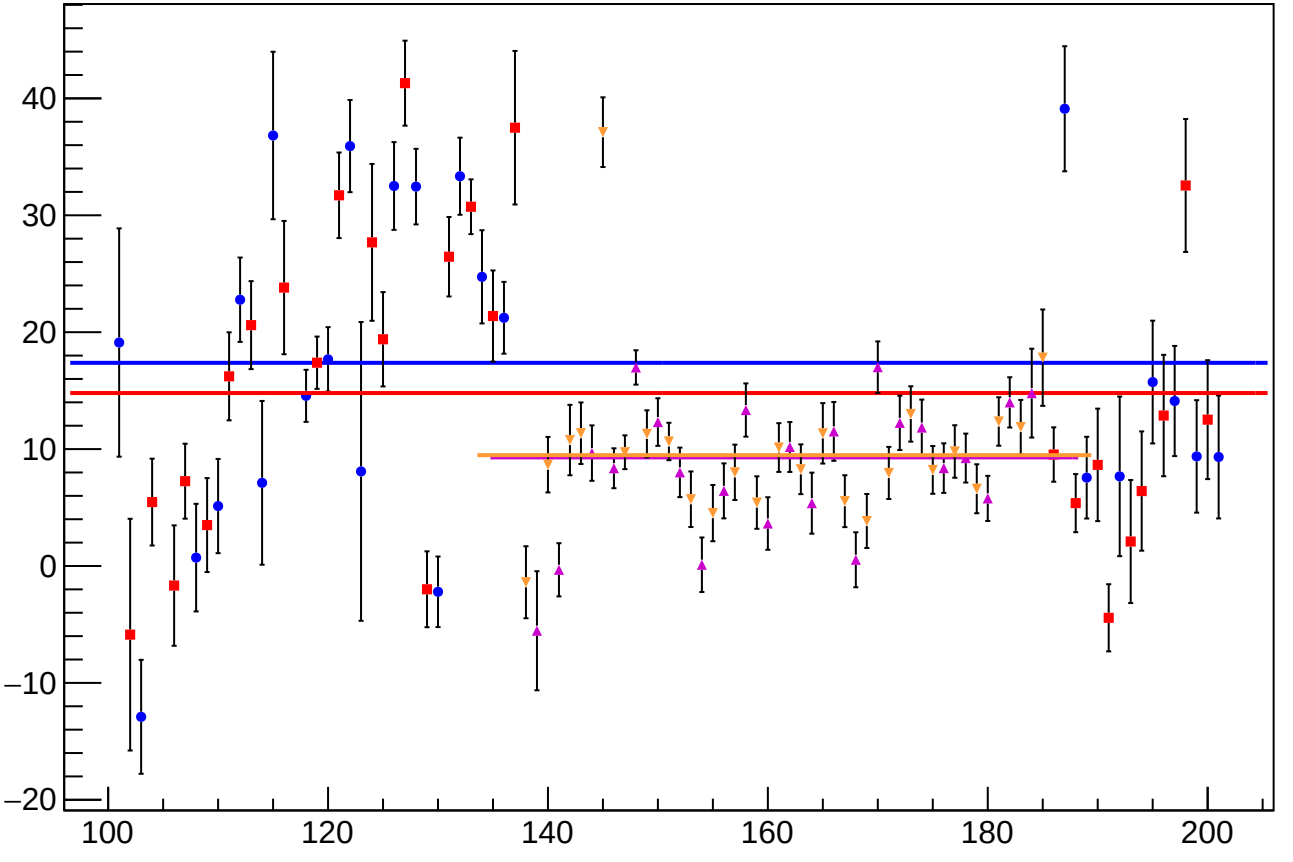
Right: -89.656+/-0.847 χ^2/NDF: 3222.5/15

In: -56.342+/-0.546 χ^2/NDF:2038.4/29

Out: -58.840+/-0.498 χ^2/NDF:4283.0/33

All: -57.705+/-0.368 χ^2/NDF: 6332.8/63

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.380+/-0.812 χ^2/NDF: 237.7/23

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.796+/-0.702 χ^2/NDF: 304.3/26

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

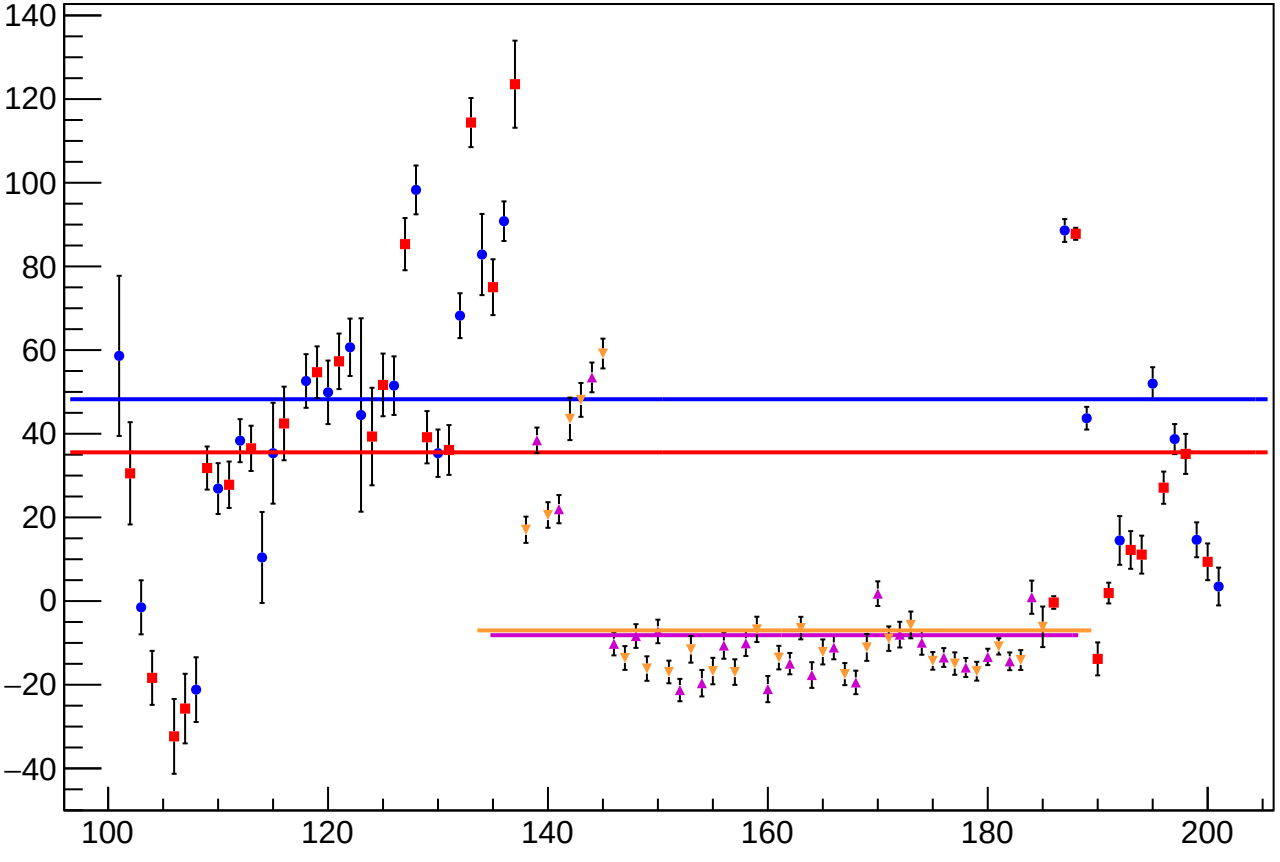
Right: 15.902+/-0.531 χ^2/NDF: 547.8/50

In: 11.260+/-0.401 χ^2/NDF:438.5/46

Out: 11.016+/-0.377 χ^2/NDF:478.2/51

All: 11.131+/-0.275 χ^2/NDF: 916.9/98

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 48.250+/-1.050 χ^2/NDF: 786.0/23

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 35.559+/-0.745 χ^2/NDF: 2885.9/26

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

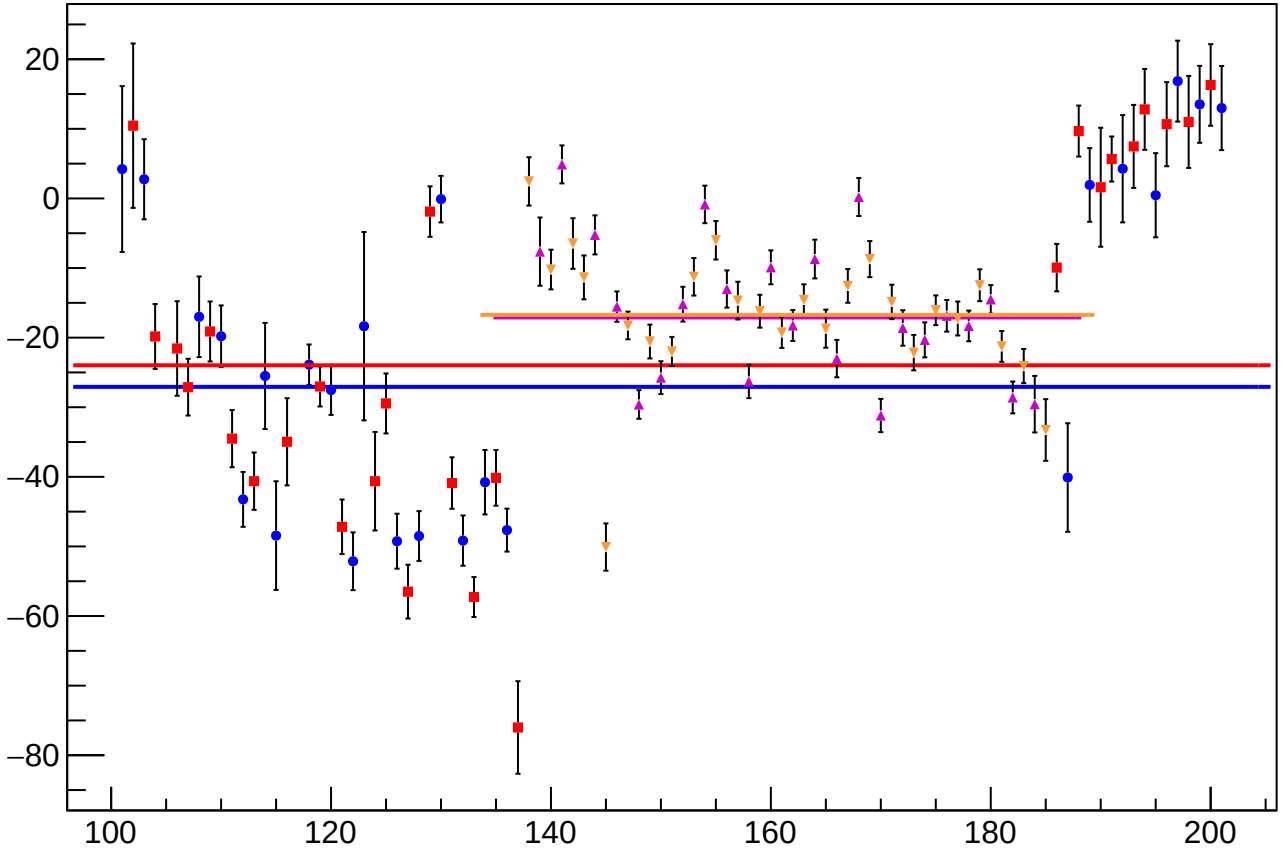
Right: 39.813+/-0.608 χ^2/NDF: 3769.1/50

In: 4.957+/-0.506 χ^2/NDF:3756.9/46

Out: 8.768+/-0.454 χ^2/NDF:5838.0/51

All: 7.070+/-0.338 χ^2/NDF: 9626.3/98

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.073+/-0.944 χ^2/NDF: 550.4/23

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -23.974+/-0.839 χ^2/NDF: 791.5/26

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

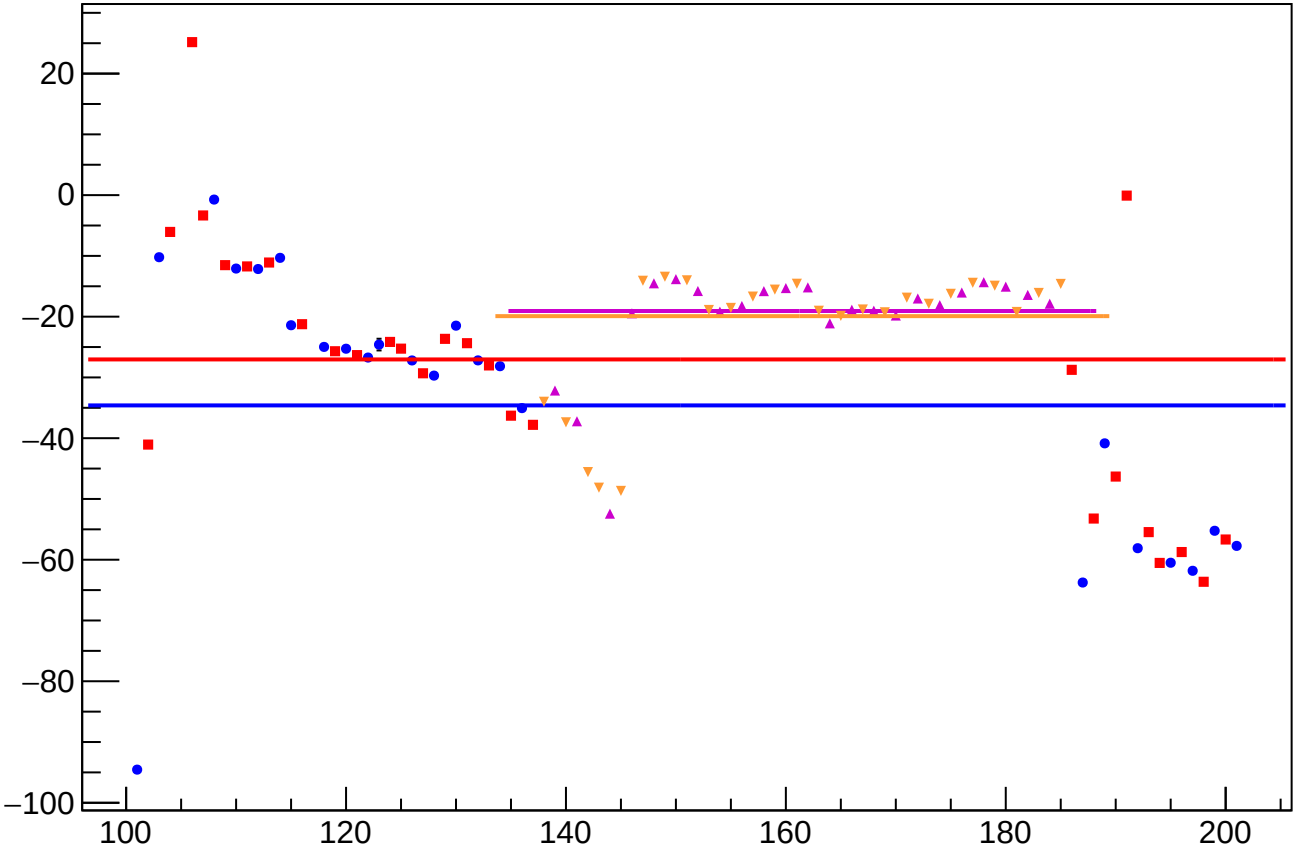
Right: -25.342+/-0.627 χ^2/NDF: 1348.0/50

In: -19.427+/-0.456 χ^2/NDF:964.1/46

Out: -18.671+/-0.434 χ^2/NDF:1069.5/51

All: -19.031+/-0.314 χ^2/NDF: 2035.1/98

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -34.605+/-0.046 χ^2/NDF: 189212.5/23

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -27.039+/-0.039 χ^2/NDF: 377954.9/26

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

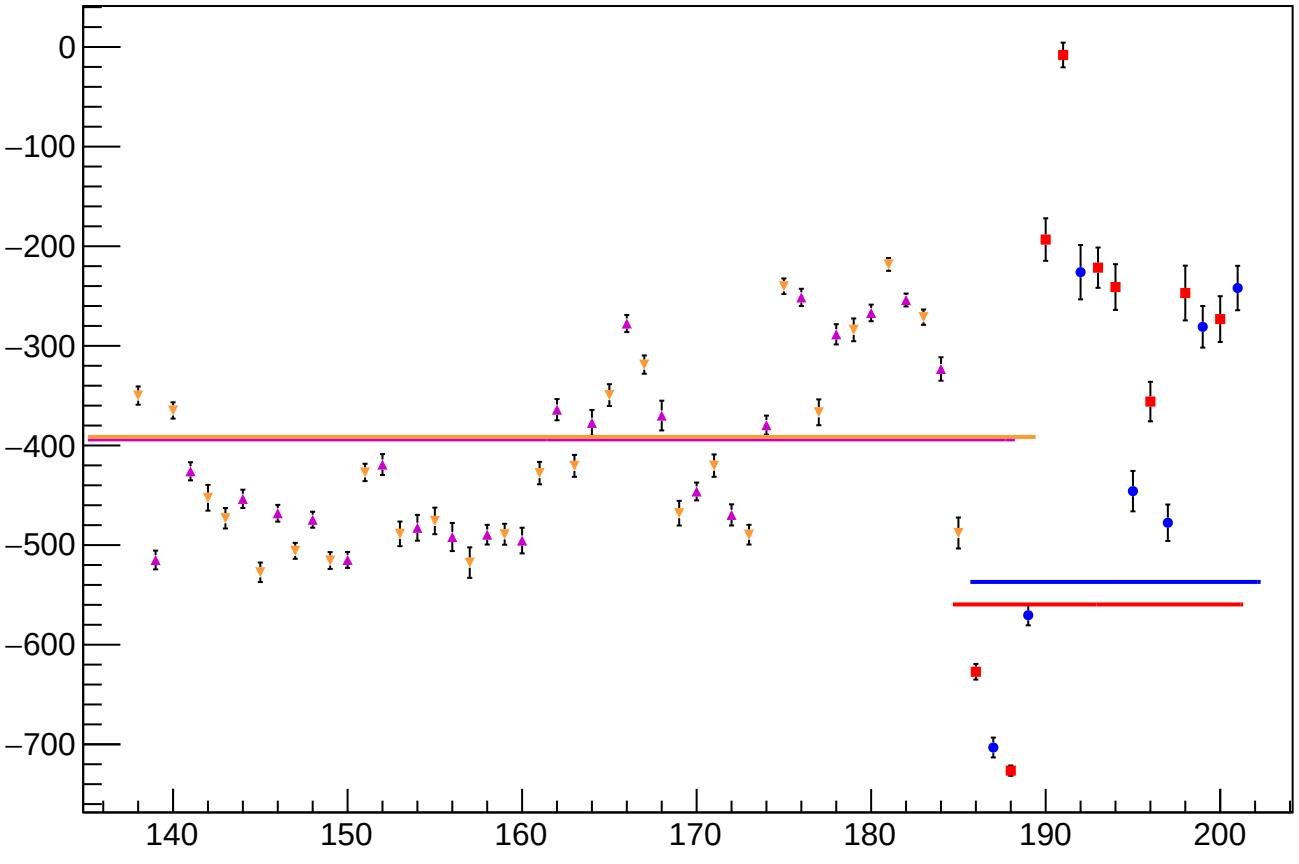
Right: -30.197+/-0.030 χ^2/NDF: 582677.2/50

In: -22.259+/-0.021 χ^2/NDF:371118.8/46

Out: -21.775+/-0.020 χ^2/NDF:543379.9/51

All: -22.006+/-0.015 χ^2/NDF: 914775.3/98

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -536.973+/-5.697 χ^2/NDF: 775.2/6

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -559.600+/-3.719 χ^2/NDF: 4257.2/8

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

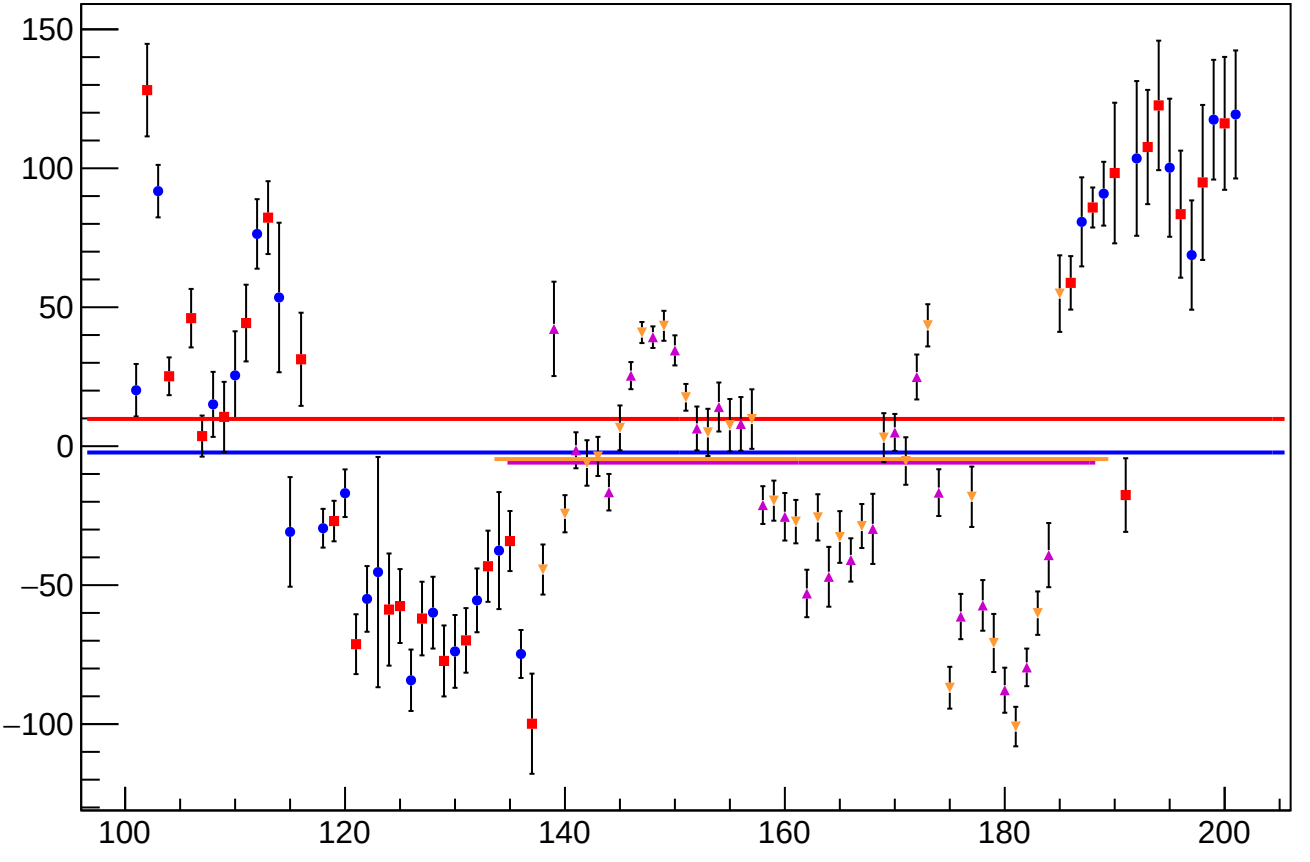
Right: -552.840+/-3.114 χ^2/NDF: 5043.5/15

In: -409.569+/-1.885 χ^2/NDF:3617.5/29

Out: -428.388+/-1.743 χ^2/NDF:8560.9/33

All: -419.718+/-1.280 χ^2/NDF: 12232.1/63

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.268+/-2.580 χ^2/NDF: 590.8/23

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 9.807+/-2.279 χ^2/NDF: 659.2/26

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

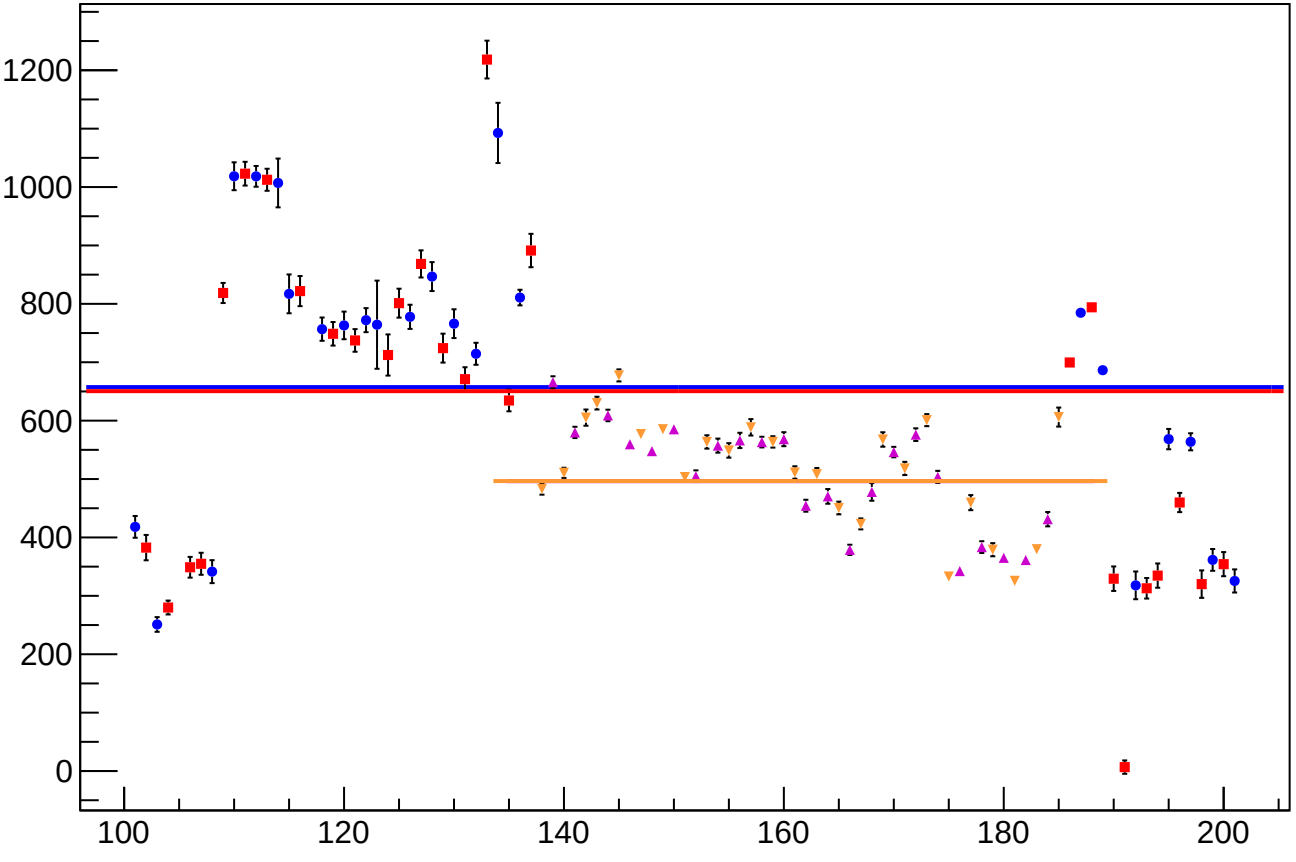
Right: 4.514+/-1.708 χ^2/NDF: 1262.3/50

In: -4.975+/-1.305 χ^2/NDF:1249.8/46

Out: -0.402+/-1.234 χ^2/NDF:1459.0/51

All: -2.560+/-0.897 χ^2/NDF: 2715.3/98

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 657.438+/-3.462 χ^2/NDF: 3657.4/23

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 650.488+/-2.578 χ^2/NDF: 8846.4/26

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

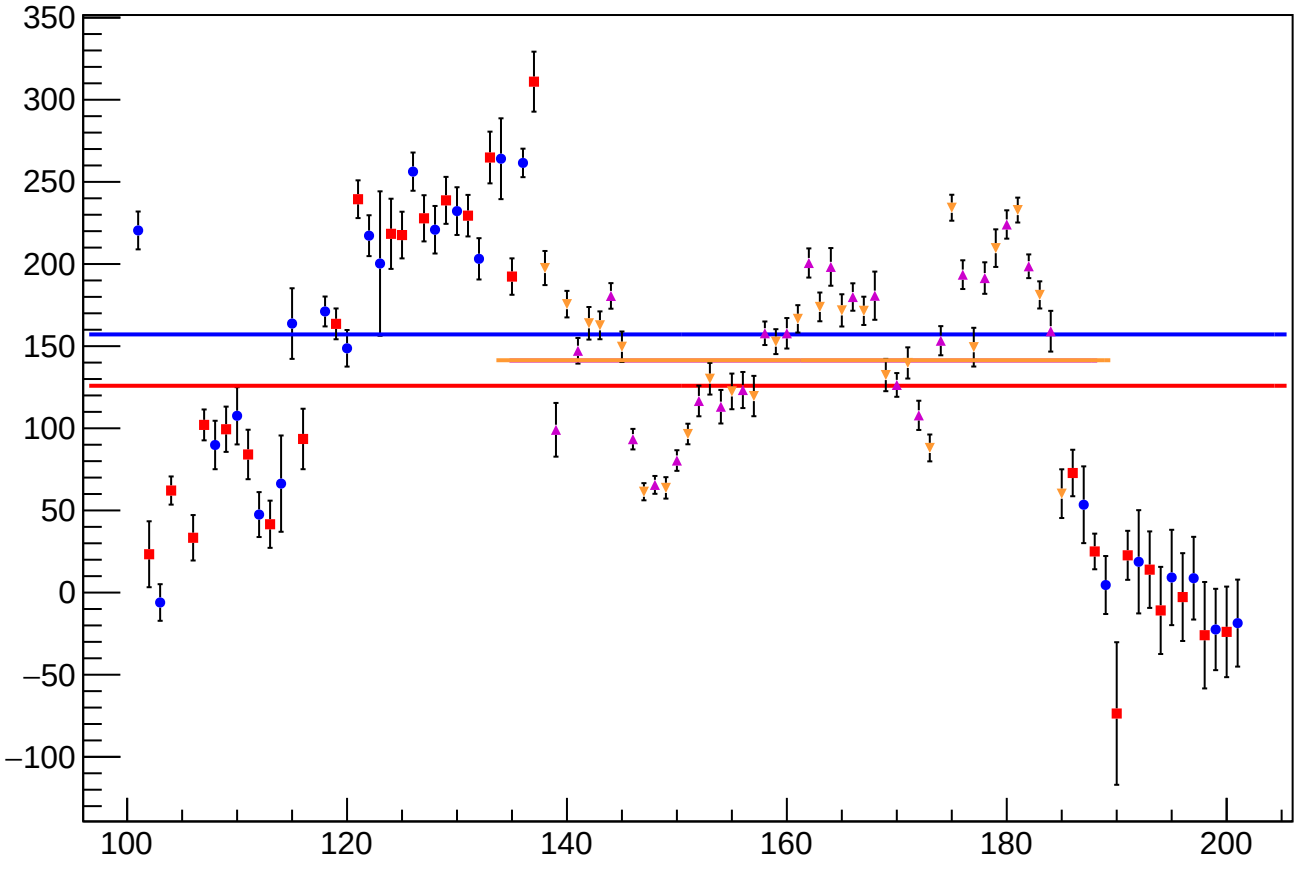
Right: 652.968+/-2.068 χ^2/NDF: 12506.5/50

In: 536.255+/-1.722 χ^2/NDF:7581.7/46

Out: 553.323+/-1.566 χ^2/NDF:13685.7/51

All: 545.599+/-1.159 χ^2/NDF: 21321.2/98

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 157.149+/-3.024 χ^2/NDF: 941.9/23

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 125.891+/-2.742 χ^2/NDF: 1048.3/26

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

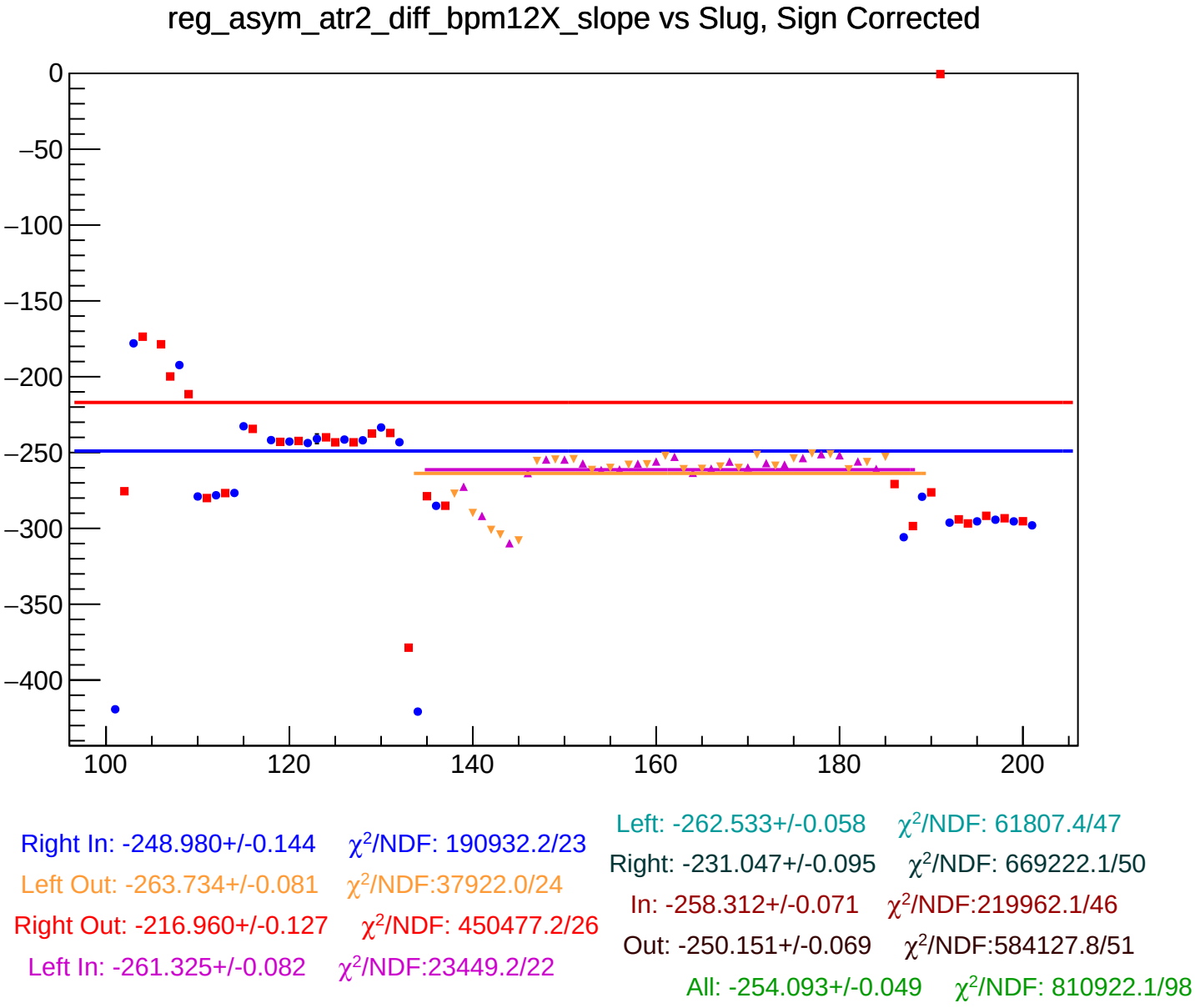
Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

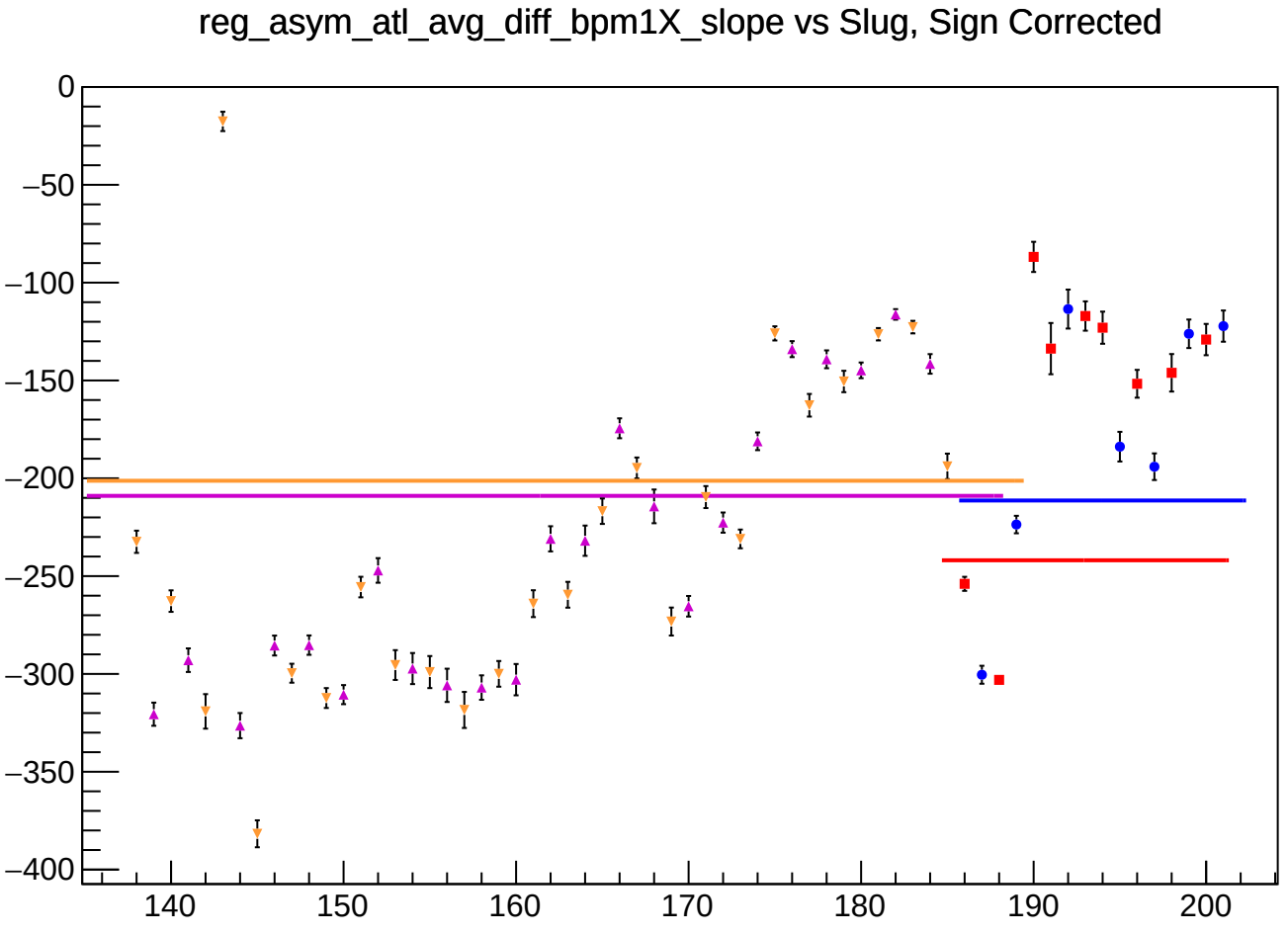
Right: 139.995+/-2.031 χ^2/NDF: 2048.9/50

In: 145.216+/-1.511 χ^2/NDF:1706.9/46

Out: 137.100+/-1.447 χ^2/NDF:2029.2/51

All: 140.985+/-1.045 χ^2/NDF: 3751.1/98


reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected
0
−50
−100
−150
−200
−250
−300
−350
−400
100
120
140
160
180
200
Right In: -248.980+/-0.144 χ²/NDF: 190932.2/23
Left Out: -263.734+/-0.081 χ²/NDF:37922.0/24
Right Out: -216.960+/-0.127 χ²/NDF: 450477.2/26
Left In: -261.325+/-0.082 χ²/NDF:23449.2/22
Left: -262.533+/-0.058 χ²/NDF: 61807.4/47
Right: -231.047+/-0.095 χ²/NDF: 669222.1/50
In: -258.312+/-0.071 χ²/NDF:219962.1/46
Out: -250.151+/-0.069 χ²/NDF:584127.8/51
All: -254.093+/-0.049 χ²/NDF: 810922.1/98



Right In: -211.348+/-2.350 χ^2/NDF: 761.4/6

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -241.908+/-1.673 χ^2/NDF: 2095.8/8

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

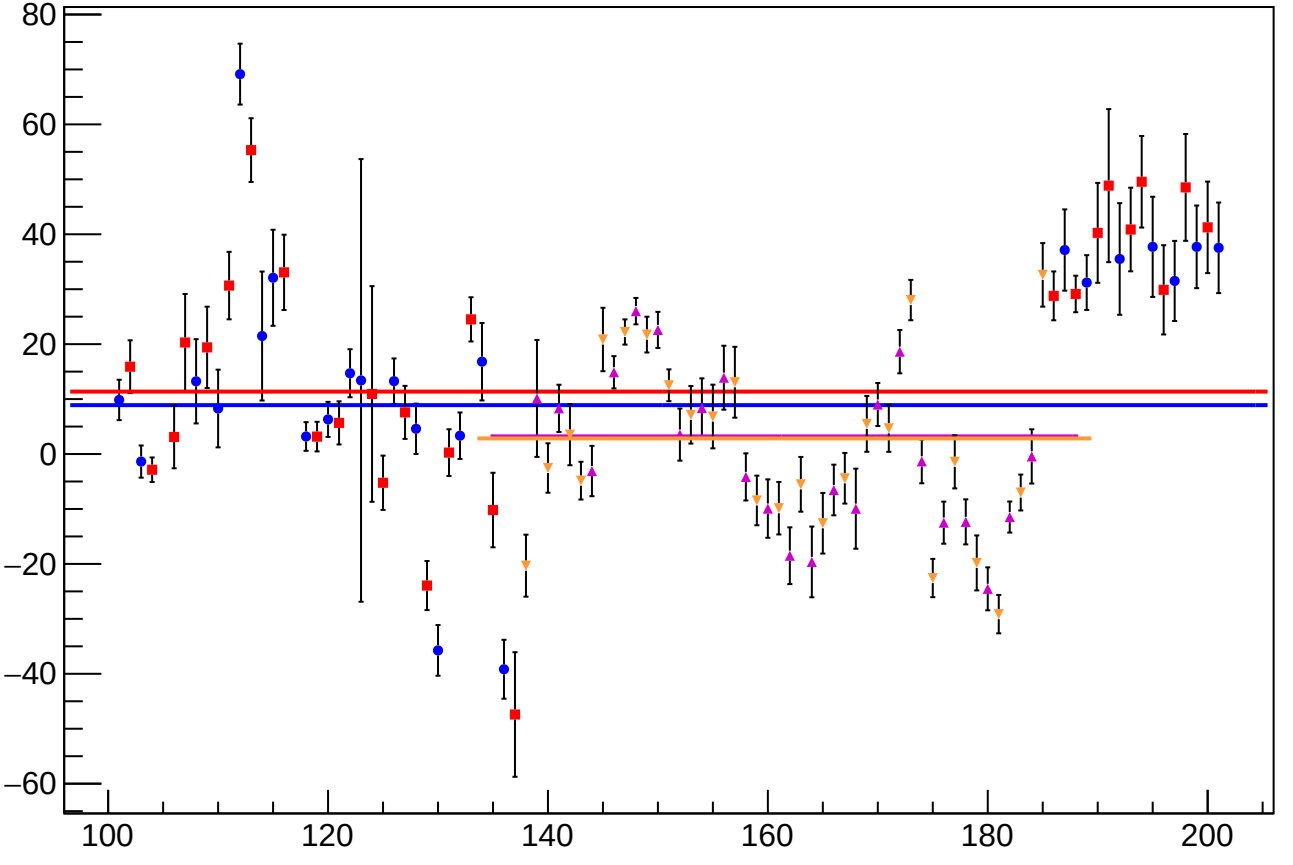
Right: -231.626+/-1.363 χ^2/NDF: 2969.4/15

In: -209.392+/-0.980 χ^2/NDF:5627.5/29

Out: -212.987+/-0.899 χ^2/NDF:8625.7/33

All: -211.345+/-0.662 χ^2/NDF: 14260.5/63

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.898+/-1.013 χ^2/NDF: 413.3/23

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 11.363+/-0.954 χ^2/NDF: 393.2/26

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

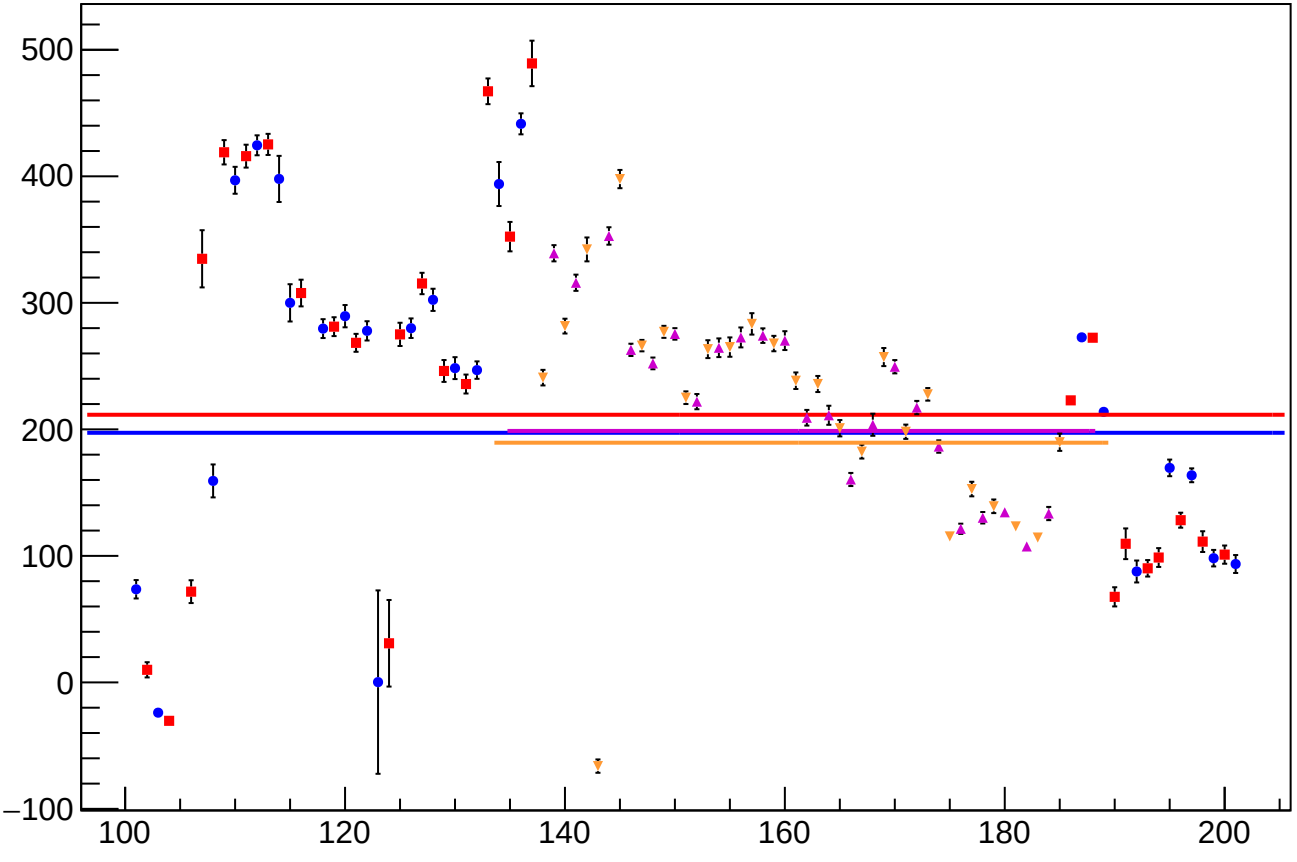
Right: 10.204+/-0.694 χ^2/NDF: 809.6/50

In: 5.573+/-0.653 χ^2/NDF:755.5/46

Out: 6.482+/-0.624 χ^2/NDF:859.6/51

All: 6.049+/-0.451 χ^2/NDF: 1616.1/98

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 197.285+/-1.399 χ^2/NDF: 7839.4/23

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 211.543+/-1.123 χ^2/NDF: 10866.1/26

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

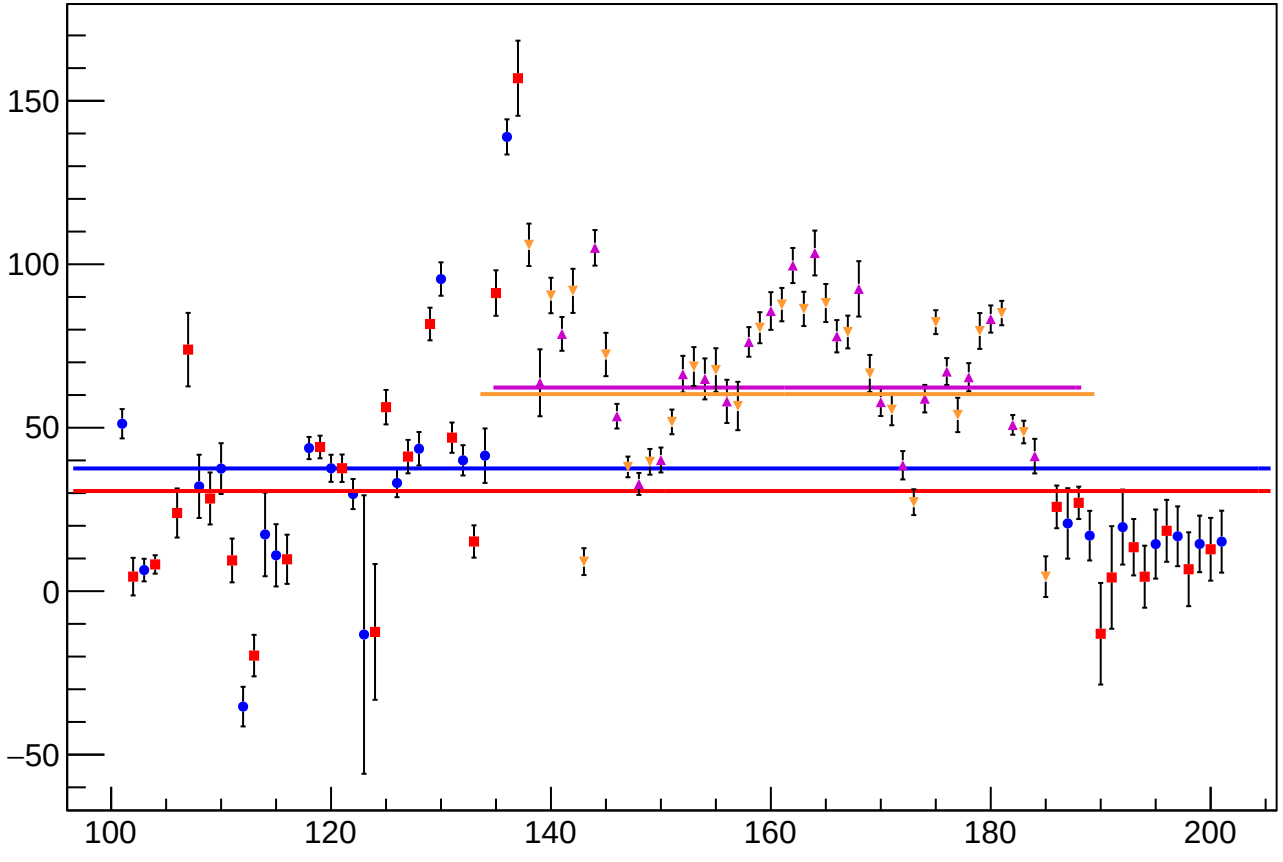
Right: 205.956+/-0.876 χ^2/NDF: 18768.7/50

In: 198.212+/-0.854 χ^2/NDF:12430.1/46

Out: 199.959+/-0.775 χ^2/NDF:17718.6/51

All: 199.170+/-0.574 χ^2/NDF: 30151.0/98

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.543+/-1.194 χ^2/NDF: 774.2/23

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 30.637+/-1.145 χ^2/NDF: 587.2/26

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

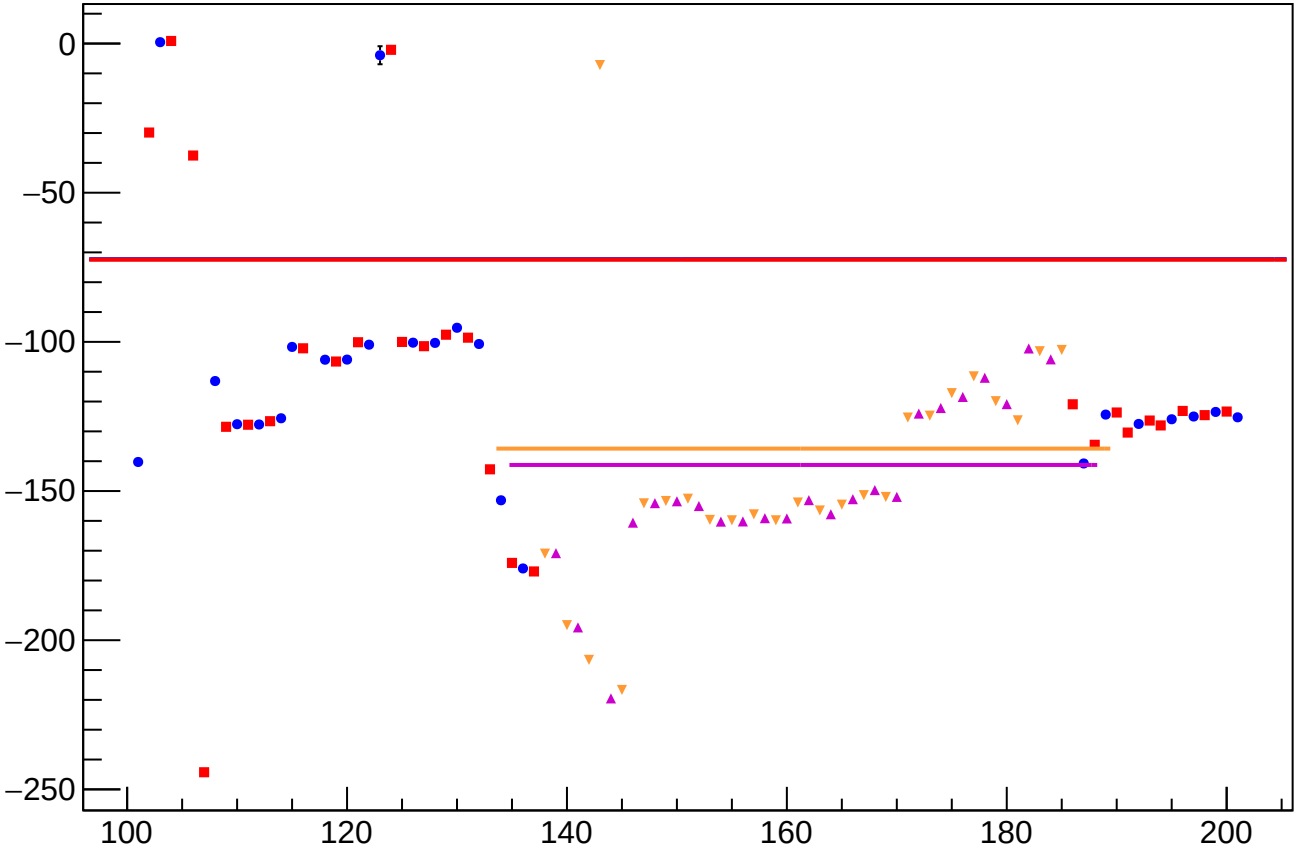
Right: 33.946+/-0.827 χ^2/NDF: 1378.8/50

In: 52.436+/-0.753 χ^2/NDF:1444.3/46

Out: 48.277+/-0.729 χ^2/NDF:1700.7/51

All: 50.288+/-0.524 χ^2/NDF: 3160.8/98

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -72.287+/-0.055 χ^2/NDF: 1357807.6/23

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -72.452+/-0.052 χ^2/NDF: 1352783.1/26

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

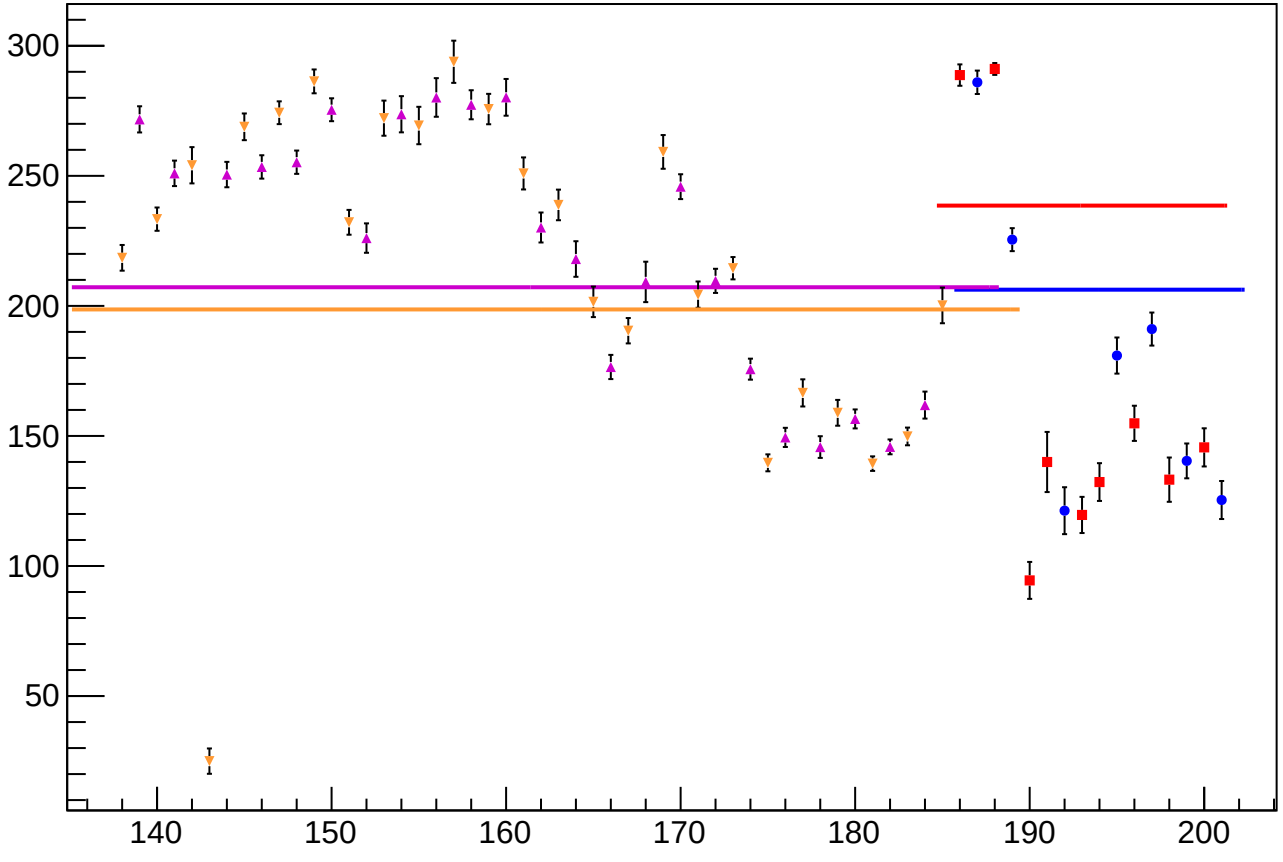
Right: -72.373+/-0.038 χ^2/NDF: 2710595.4/50

In: -113.371+/-0.035 χ^2/NDF:2653232.7/46

Out: -109.096+/-0.034 χ^2/NDF:2941362.3/51

All: -111.182+/-0.024 χ^2/NDF: 5602317.3/98

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 206.236+/-2.239 χ^2/NDF: 659.8/6

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 238.562+/-1.638 χ^2/NDF: 2138.7/8

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

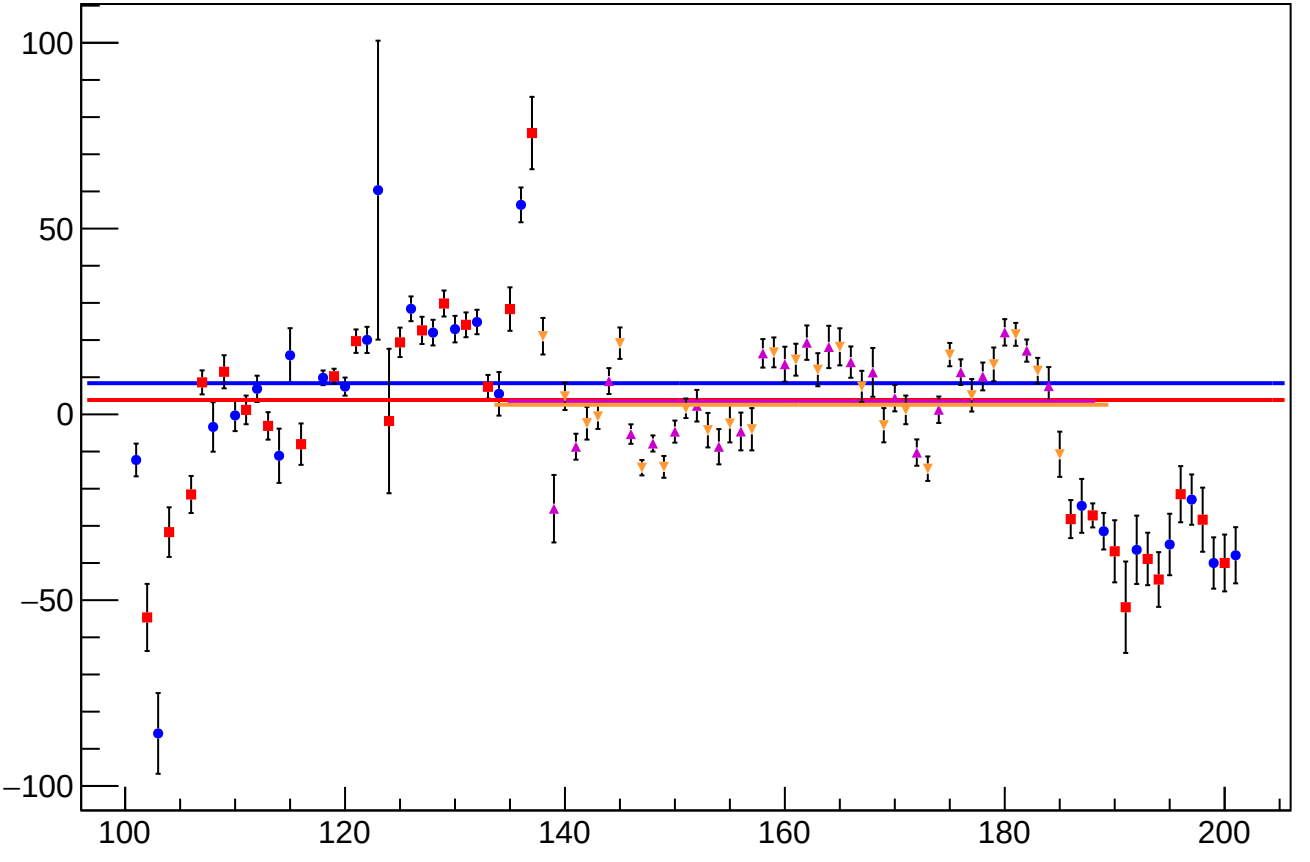
Right: 227.296+/-1.322 χ^2/NDF: 2934.3/15

In: 207.019+/-0.902 χ^2/NDF:3291.5/29

Out: 208.946+/-0.832 χ^2/NDF:6726.2/33

All: 208.061+/-0.612 χ^2/NDF: 10020.2/63

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.395+/-0.867 χ^2/NDF: 570.8/23

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 3.871+/-0.836 χ^2/NDF: 665.4/26

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

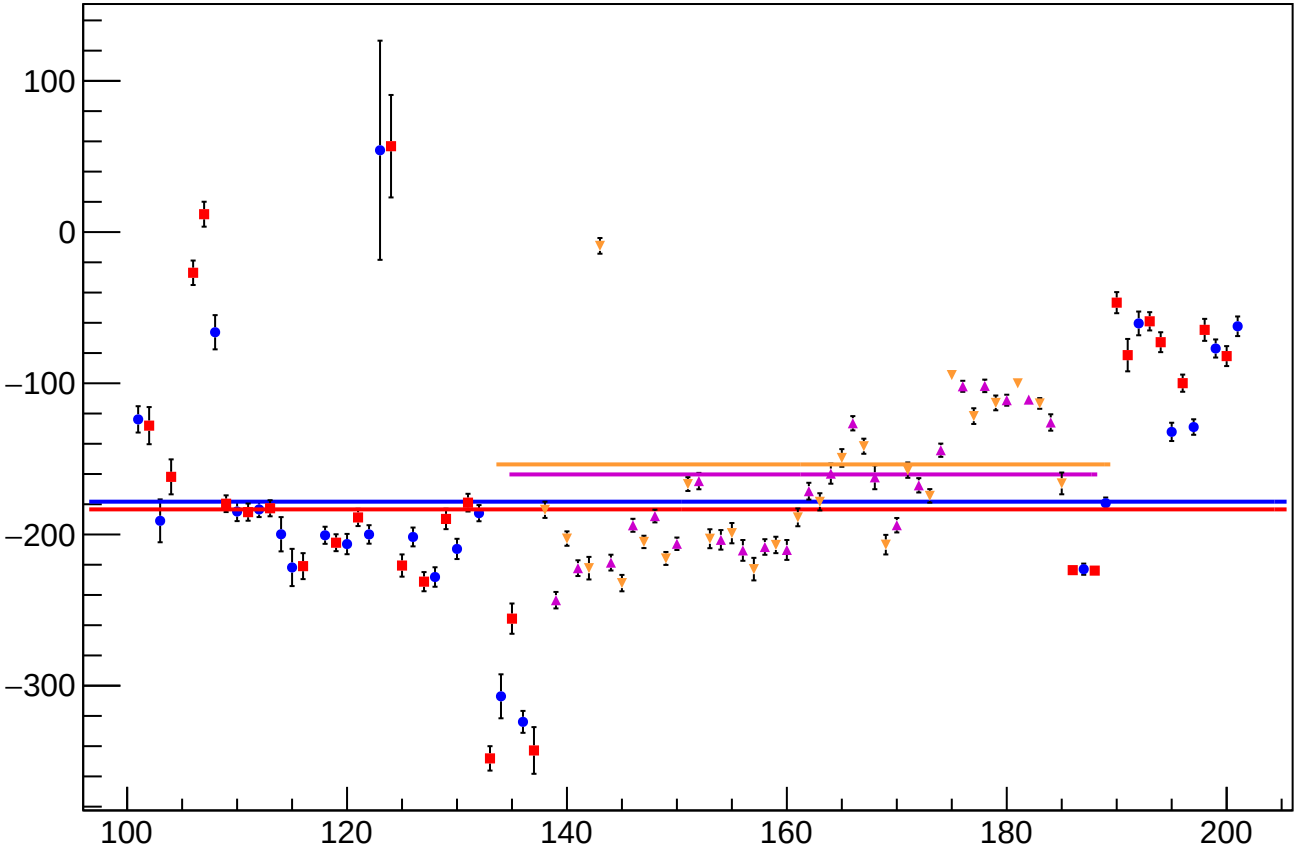
Right: 6.050+/-0.602 χ^2/NDF: 1250.3/50

In: 5.652+/-0.577 χ^2/NDF:783.4/46

Out: 3.159+/-0.556 χ^2/NDF:941.1/51

All: 4.359+/-0.400 χ^2/NDF: 1734.1/98

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -178.299+/-1.298 χ^2/NDF: 1919.8/23

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -183.396+/-1.062 χ^2/NDF: 4238.0/26

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

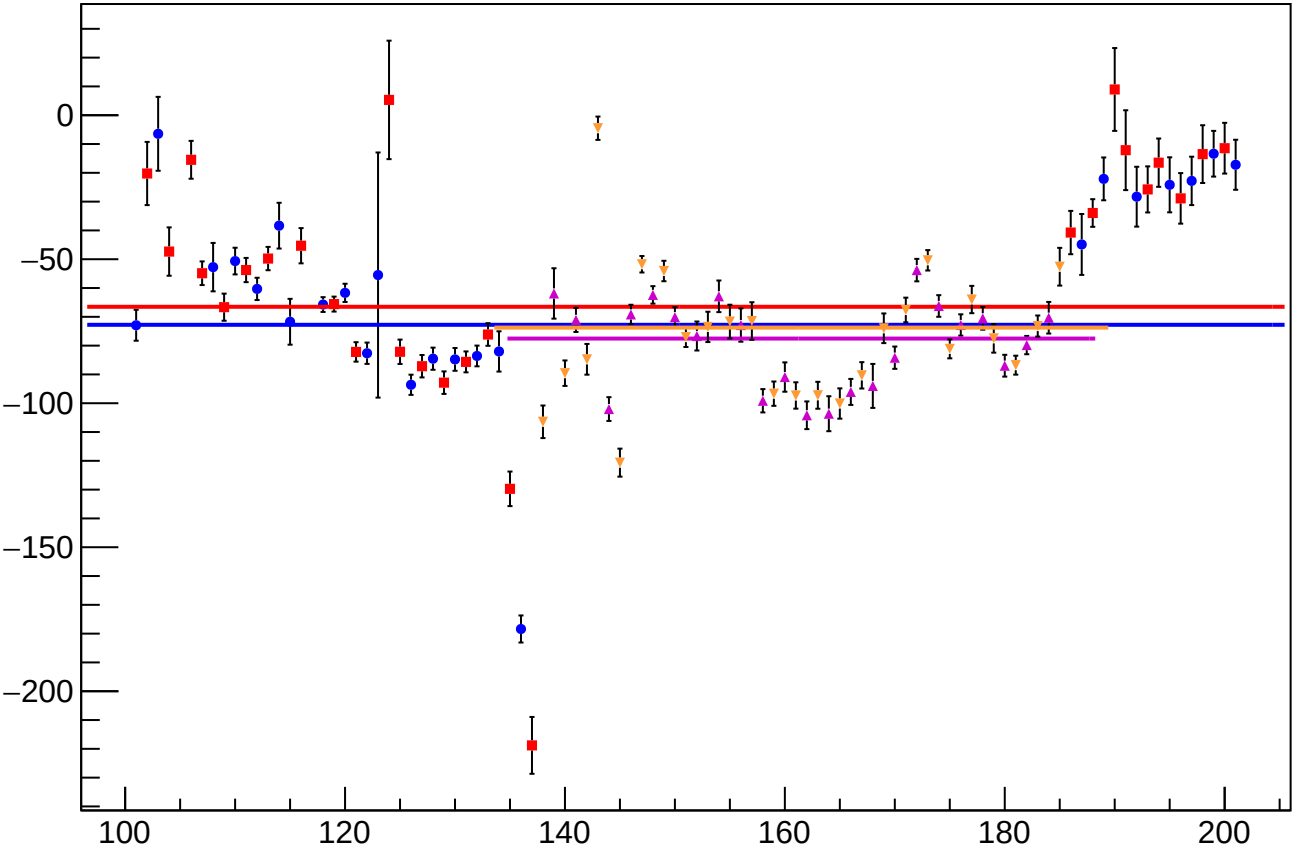
Right: -181.352+/-0.822 χ^2/NDF: 6167.0/50

In: -166.860+/-0.785 χ^2/NDF:4091.5/46

Out: -167.170+/-0.716 χ^2/NDF:7596.5/51

All: -167.029+/-0.529 χ^2/NDF: 11688.1/98

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -72.770+/-1.015 χ^2/NDF: 911.0/23

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -66.511+/-0.983 χ^2/NDF: 881.4/26

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

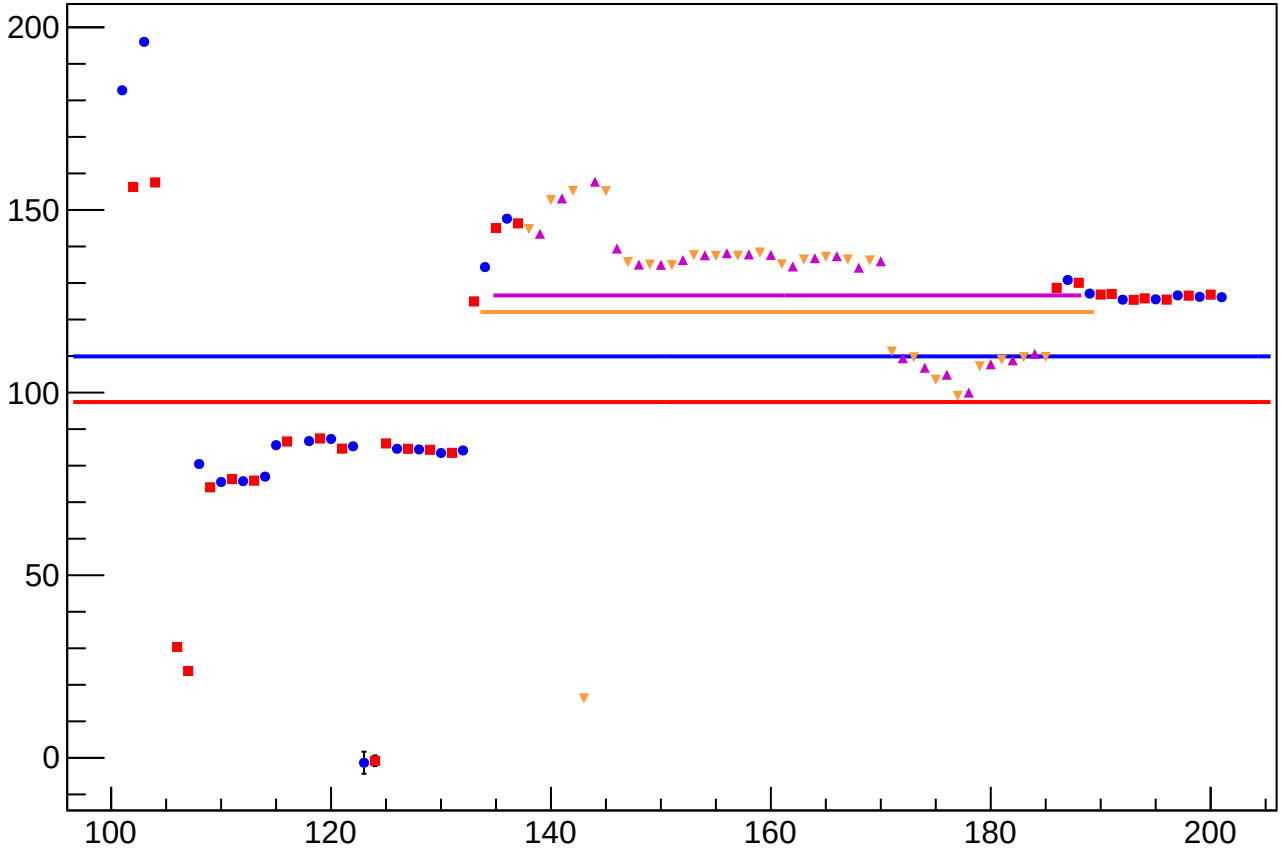
Right: -69.540+/-0.706 χ^2/NDF: 1812.1/50

In: -75.495+/-0.665 χ^2/NDF:1176.4/46

Out: -70.628+/-0.645 χ^2/NDF:1640.5/51

All: -72.987+/-0.463 χ^2/NDF: 2844.6/98

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 109.911+/-0.059 χ^2/NDF: 305128.5/23

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 97.410+/-0.053 χ^2/NDF: 544682.5/26

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

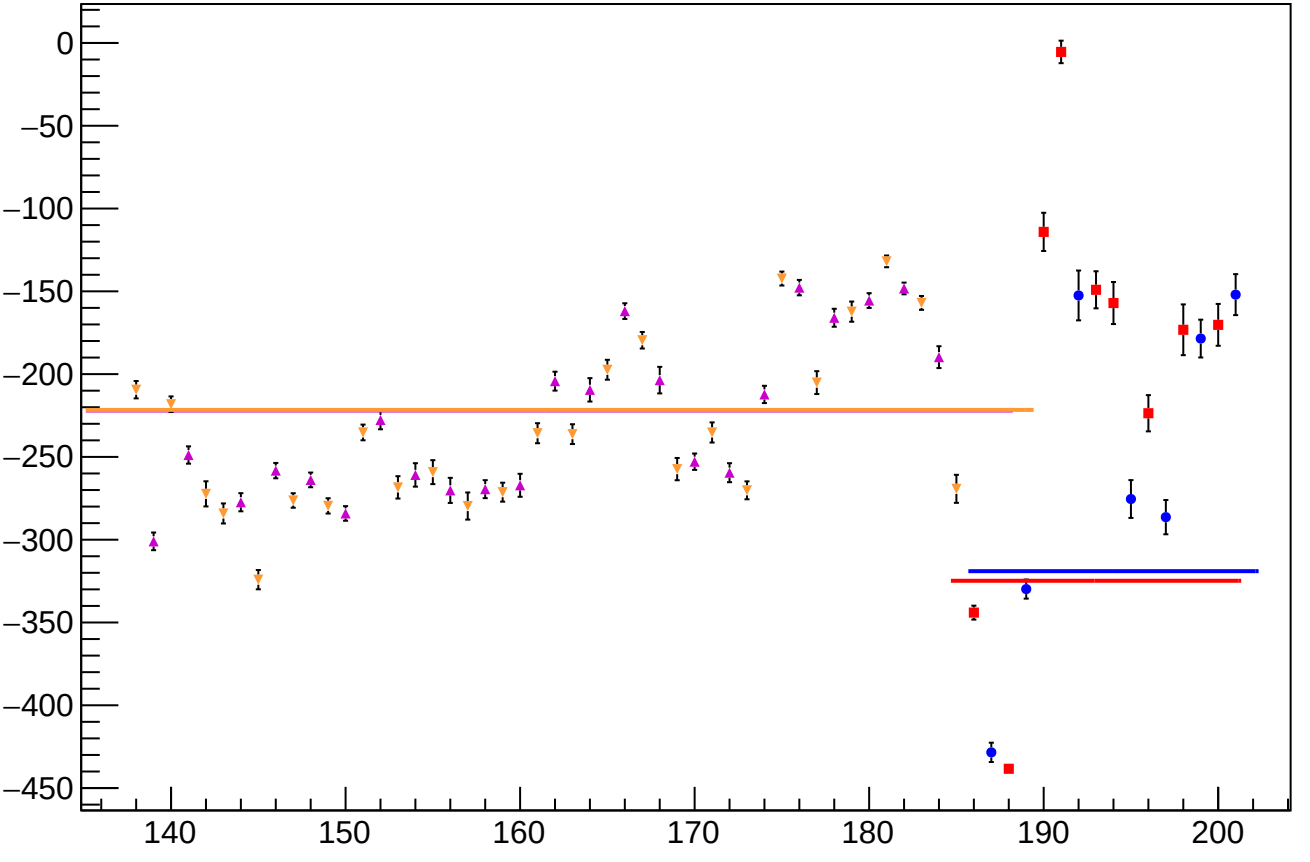
Right: 103.006+/-0.040 χ^2/NDF: 874399.0/50

In: 121.219+/-0.034 χ^2/NDF:523662.5/46

Out: 113.057+/-0.032 χ^2/NDF:1118148.4/51

All: 116.960+/-0.023 χ^2/NDF: 1672499.3/98

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -319.007+/-3.243 χ^2/NDF: 836.0/6

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -324.802+/-2.098 χ^2/NDF: 4713.6/8

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

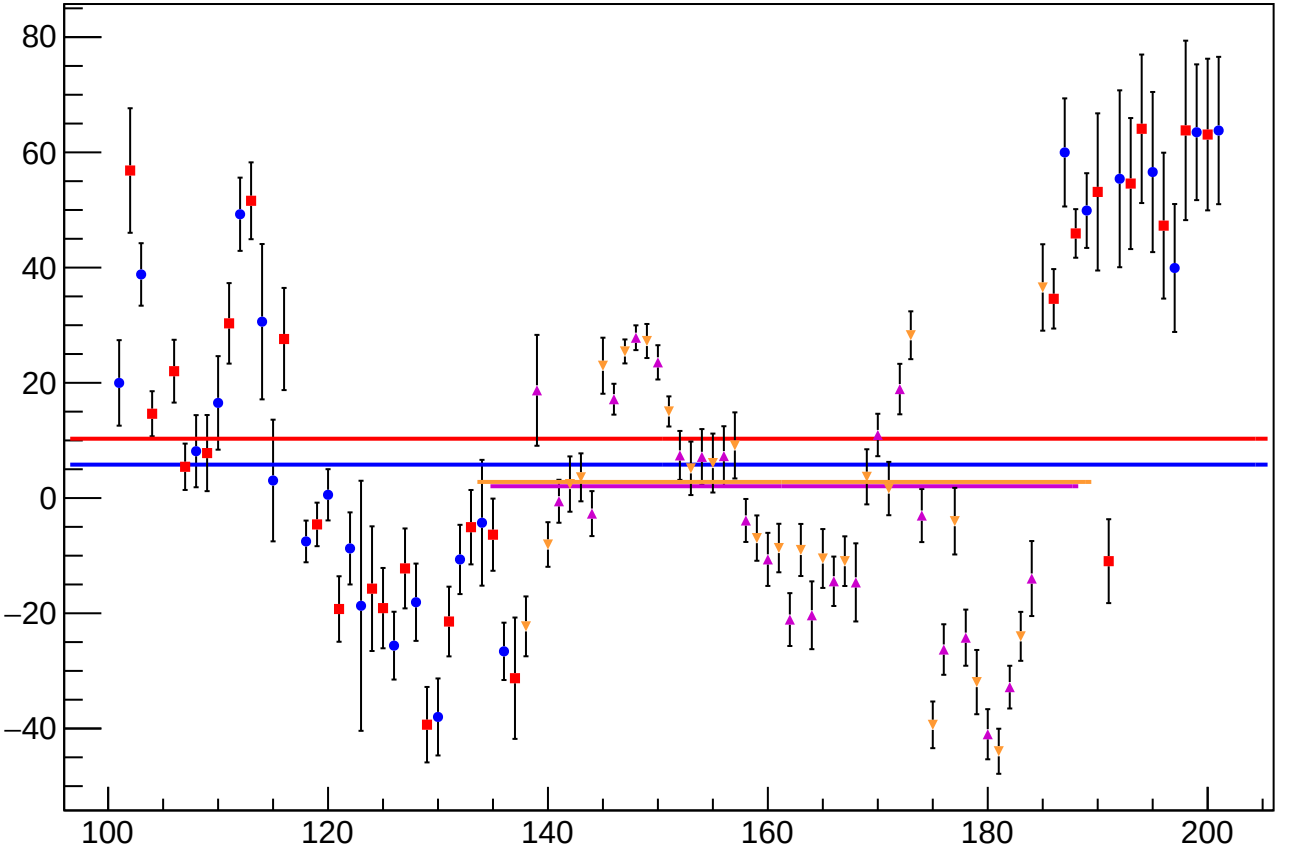
Right: -323.093+/-1.762 χ^2/NDF: 5551.8/15

In: -231.959+/-1.040 χ^2/NDF:3829.5/29

Out: -243.453+/-0.965 χ^2/NDF:9186.5/33

All: -238.134+/-0.708 χ^2/NDF: 13081.6/63

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.801+/-1.410 χ^2/NDF: 406.7/23

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 10.300+/-1.235 χ^2/NDF: 447.3/26

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

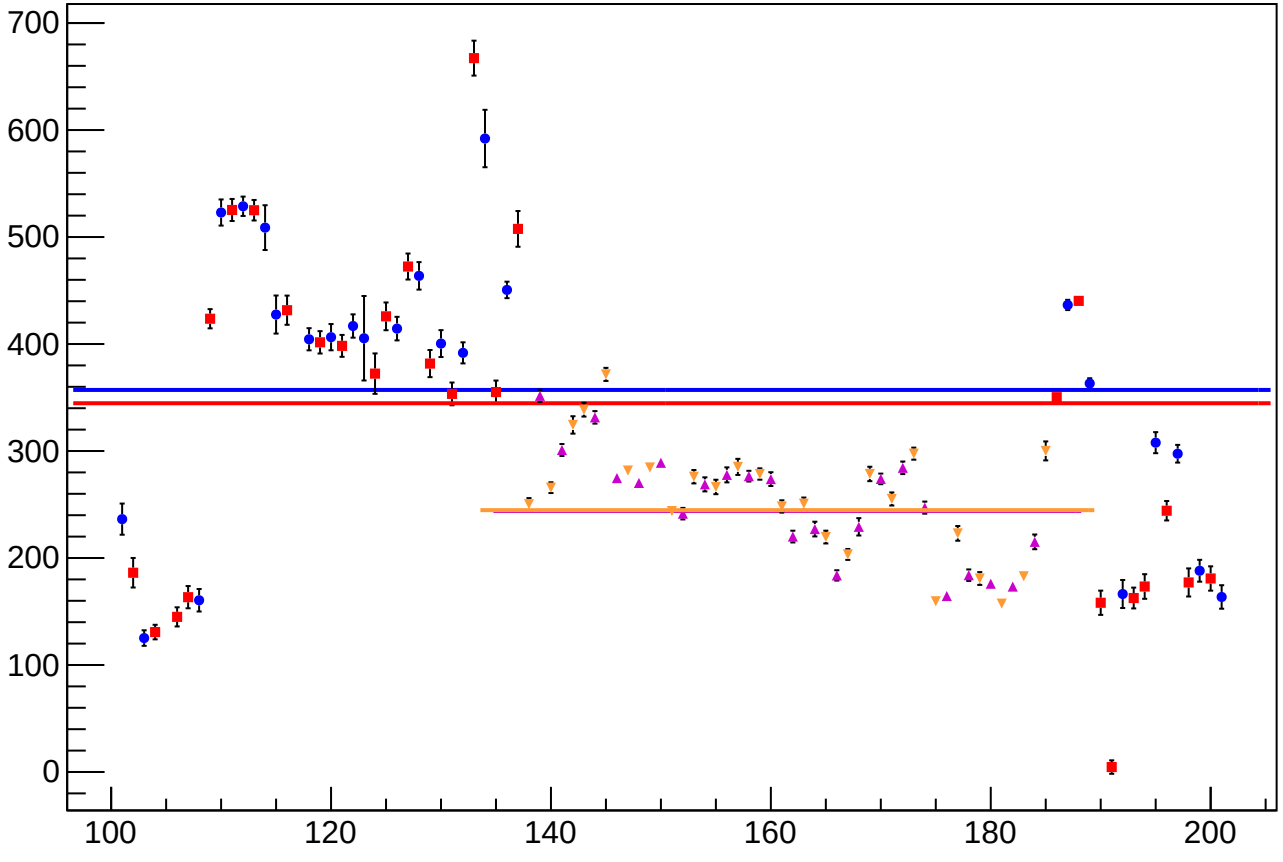
Right: 8.348+/-0.929 χ^2/NDF: 859.7/50

In: 3.020+/-0.717 χ^2/NDF:1004.6/46

Out: 5.054+/-0.677 χ^2/NDF:1158.6/51

All: 4.096+/-0.492 χ^2/NDF: 2167.4/98

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 357.086+/-1.938 χ^2/NDF: 3613.1/23

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 344.651+/-1.435 χ^2/NDF: 9200.4/26

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

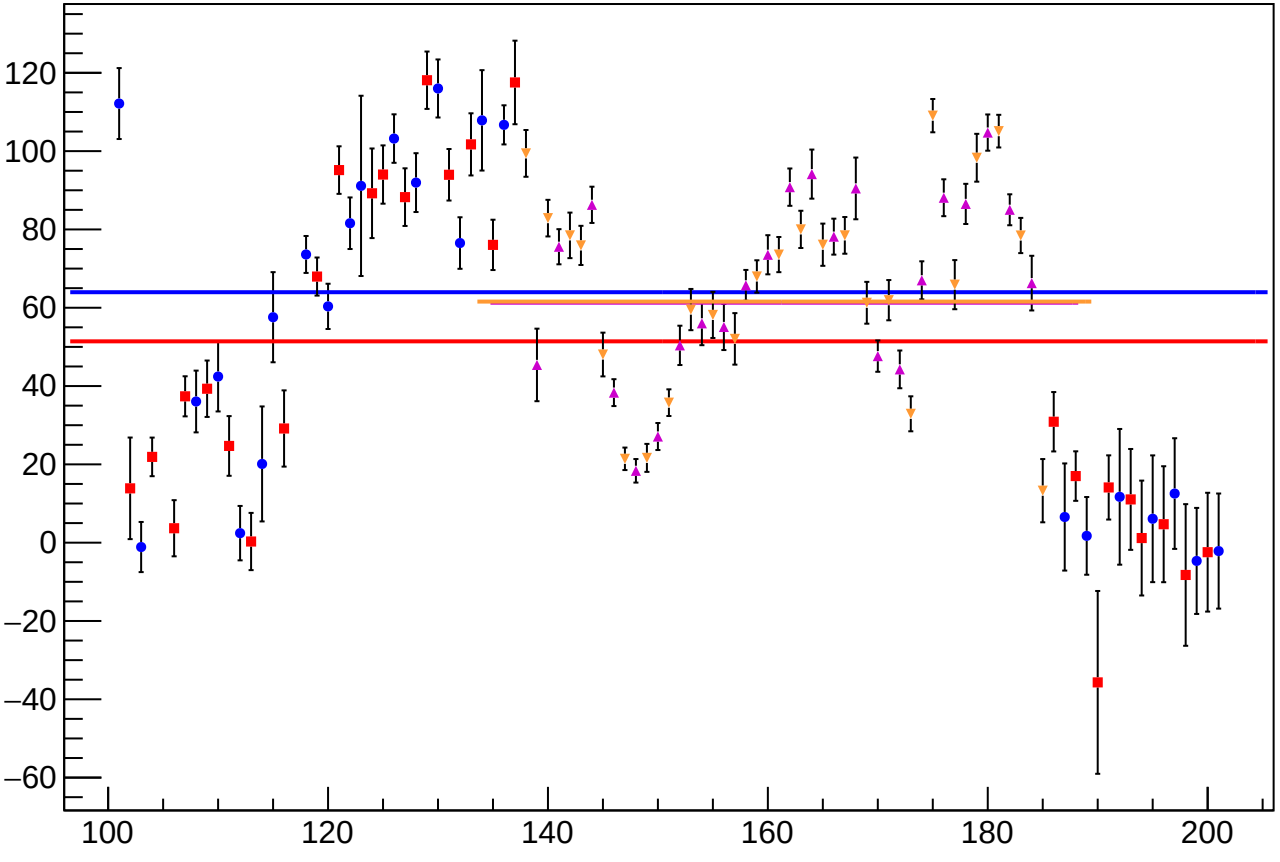
Right: 349.054+/-1.153 χ^2/NDF: 12840.2/50

In: 271.126+/-0.950 χ^2/NDF:8497.4/46

Out: 281.044+/-0.865 χ^2/NDF:14852.8/51

All: 276.548+/-0.640 χ^2/NDF: 23409.8/98

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 63.968+/-1.651 χ^2/NDF: 580.6/23

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 51.418+/-1.480 χ^2/NDF: 642.0/26

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

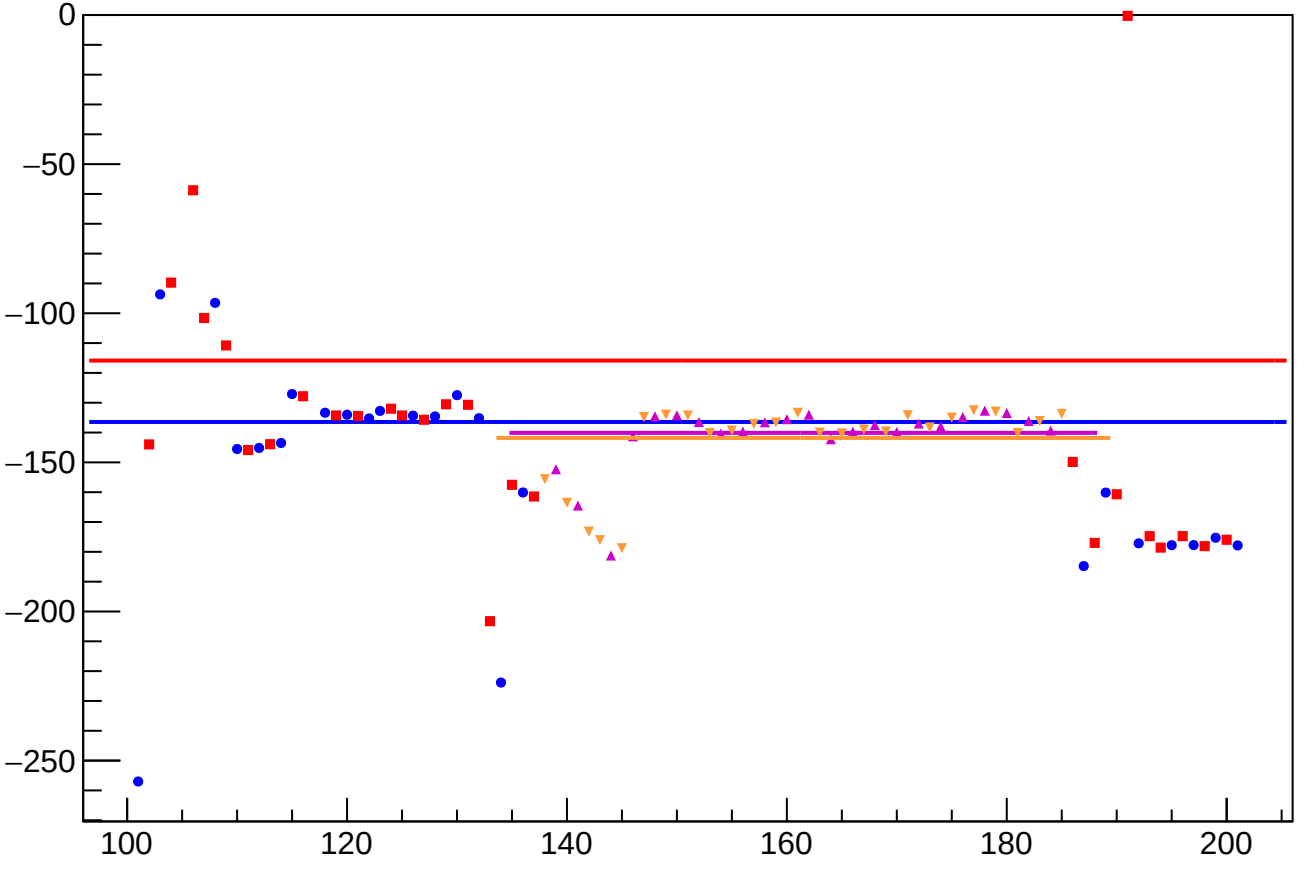
Right: 57.012+/-1.102 χ^2/NDF: 1254.6/50

In: 61.963+/-0.829 χ^2/NDF:1285.4/46

Out: 58.661+/-0.793 χ^2/NDF:1545.8/51

All: 60.238+/-0.573 χ^2/NDF: 2839.5/98

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -136.452+/-0.080 χ^2/NDF: 224058.1/23

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -115.858+/-0.070 χ^2/NDF: 558316.2/26

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

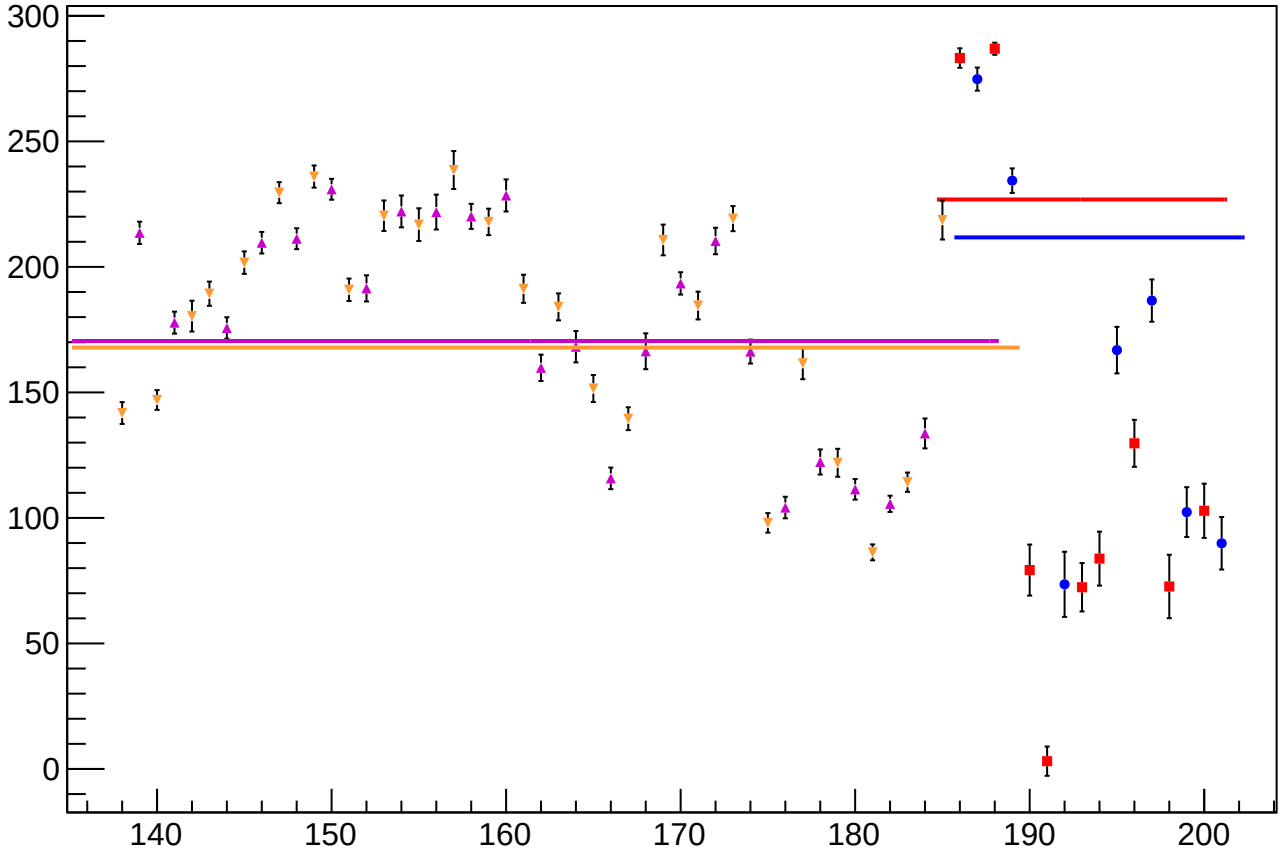
Right: -124.758+/-0.053 χ^2/NDF: 819843.6/50

In: -139.240+/-0.039 χ^2/NDF:274046.4/46

Out: -134.258+/-0.038 χ^2/NDF:733672.8/51

All: -136.658+/-0.027 χ^2/NDF: 1016119.9/98

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 211.751+/-2.672 χ^2/NDF: 612.4/6

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 226.856+/-1.759 χ^2/NDF: 3340.6/8

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

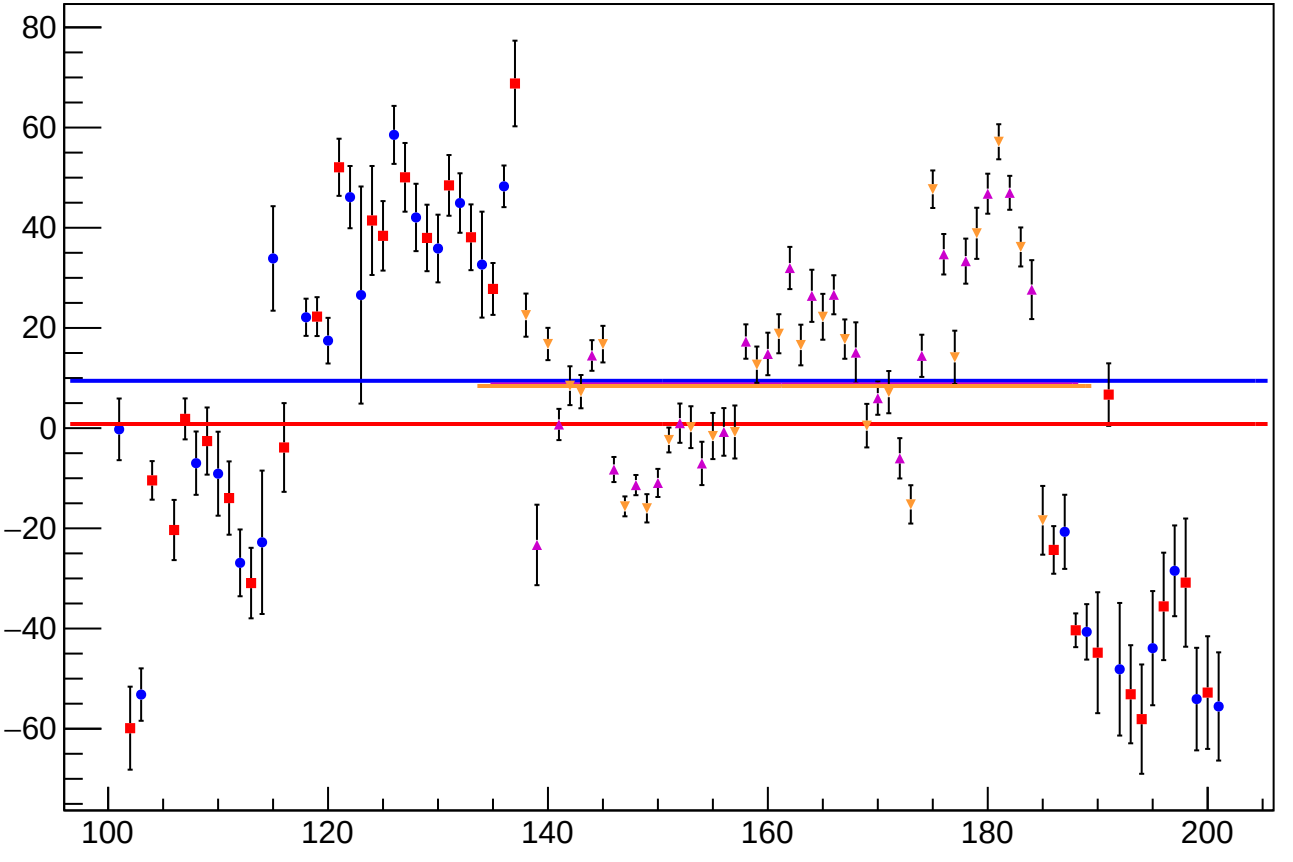
Right: 222.290+/-1.469 χ^2/NDF: 3975.2/15

In: 175.477+/-0.929 χ^2/NDF:2858.5/29

Out: 181.698+/-0.852 χ^2/NDF:6666.9/33

All: 178.858+/-0.628 χ^2/NDF: 9549.7/63

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.448+/-1.347 χ^2/NDF: 718.2/23

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 0.828+/-1.177 χ^2/NDF: 813.8/26

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

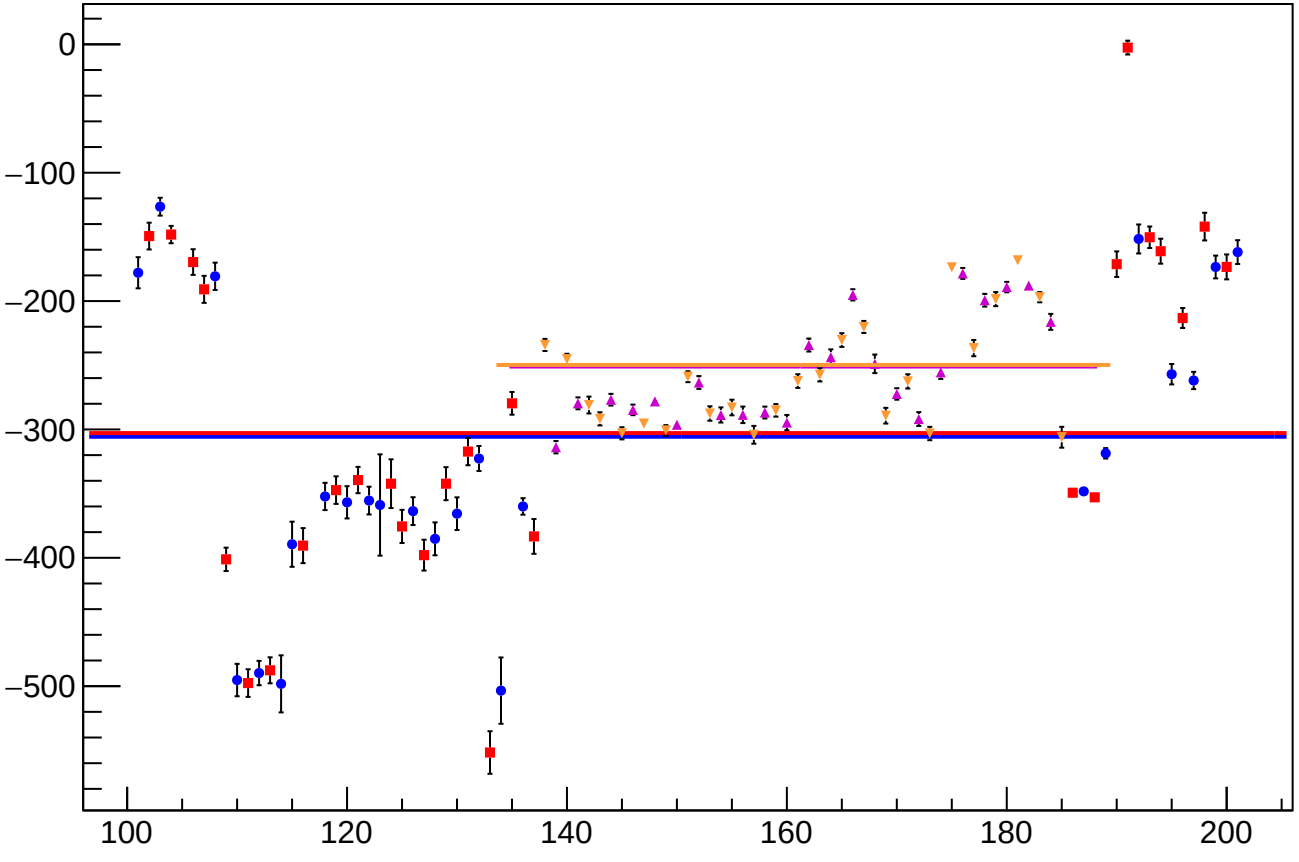
Right: 4.561+/-0.886 χ^2/NDF: 1555.2/50

In: 8.902+/-0.660 χ^2/NDF:1348.5/46

Out: 6.304+/-0.621 χ^2/NDF:1594.3/51

All: 7.524+/-0.452 χ^2/NDF: 2951.0/98

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -305.672+/-1.712 χ^2/NDF: 2761.9/23

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -302.836+/-1.257 χ^2/NDF: 7500.7/26

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

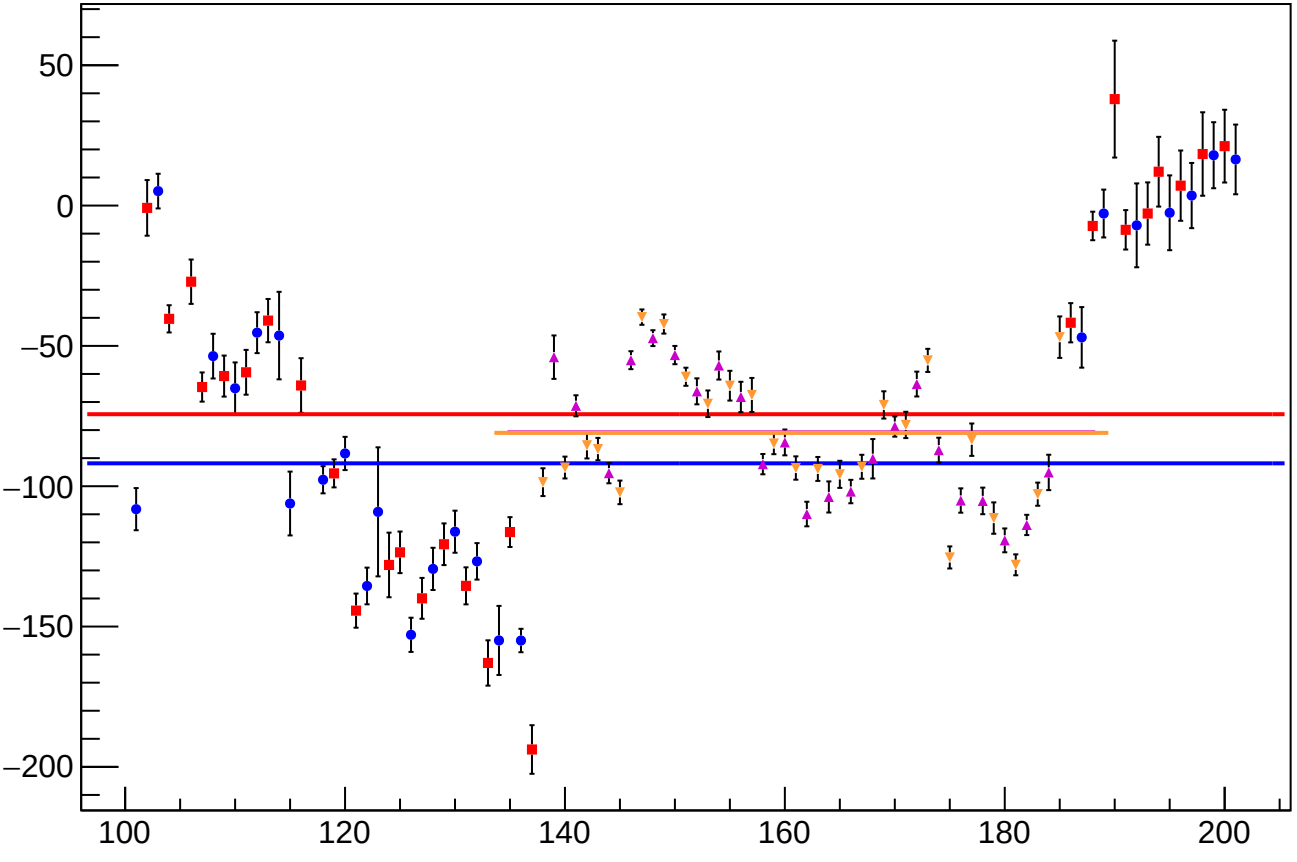
Right: -303.829+/-1.013 χ^2/NDF: 10264.4/50

In: -264.636+/-0.855 χ^2/NDF:5485.8/46

Out: -269.698+/-0.771 χ^2/NDF:10846.1/51

All: -267.429+/-0.572 χ^2/NDF: 16351.2/98

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -91.844+/-1.577 χ^2/NDF: 1234.8/23

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -74.343+/-1.418 χ^2/NDF: 1503.2/26

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

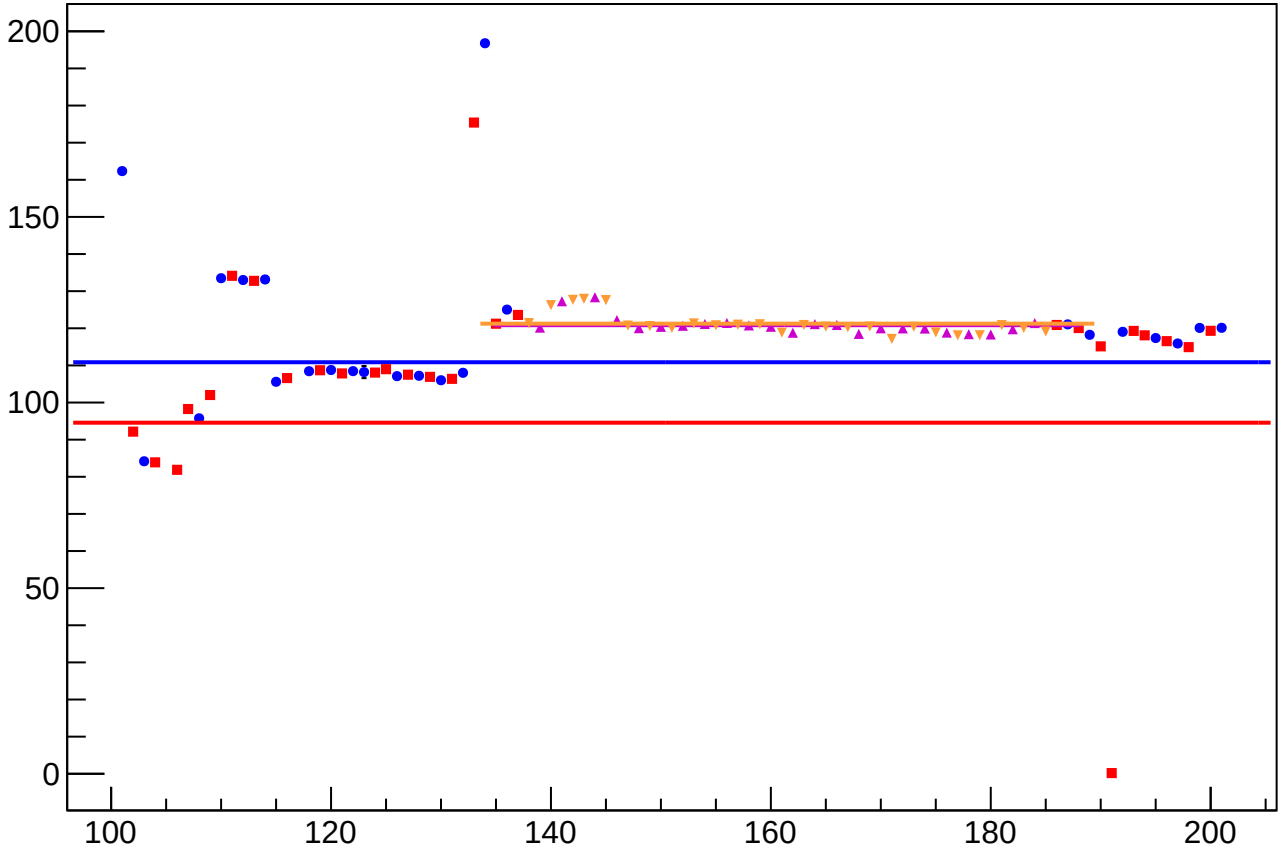
Right: -82.167+/-1.054 χ^2/NDF: 2806.1/50

In: -83.379+/-0.762 χ^2/NDF:1967.8/46

Out: -79.237+/-0.727 χ^2/NDF:2430.6/51

All: -81.211+/-0.526 χ^2/NDF: 4413.8/98

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.854+/-0.074 χ^2/NDF: 76858.5/23

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 94.570+/-0.065 χ^2/NDF: 335190.2/26

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

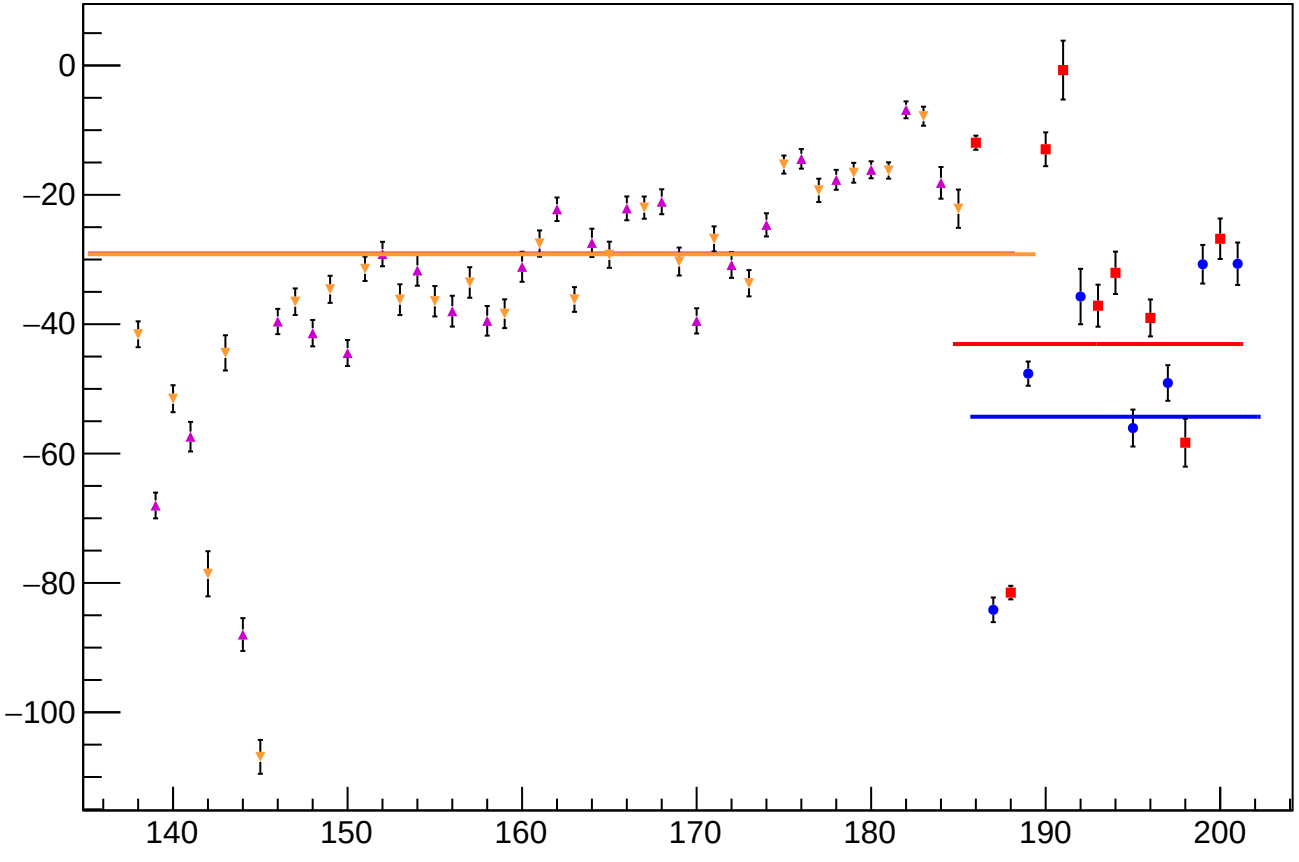
Right: 101.590+/-0.049 χ^2/NDF: 439388.4/50

In: 118.546+/-0.036 χ^2/NDF:94145.3/46

Out: 113.805+/-0.034 χ^2/NDF:462750.5/51

All: 116.079+/-0.025 χ^2/NDF: 566137.4/98

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.304+/-0.965 χ^2/NDF: 394.9/6

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -43.064+/-0.643 χ^2/NDF: 2424.9/8

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

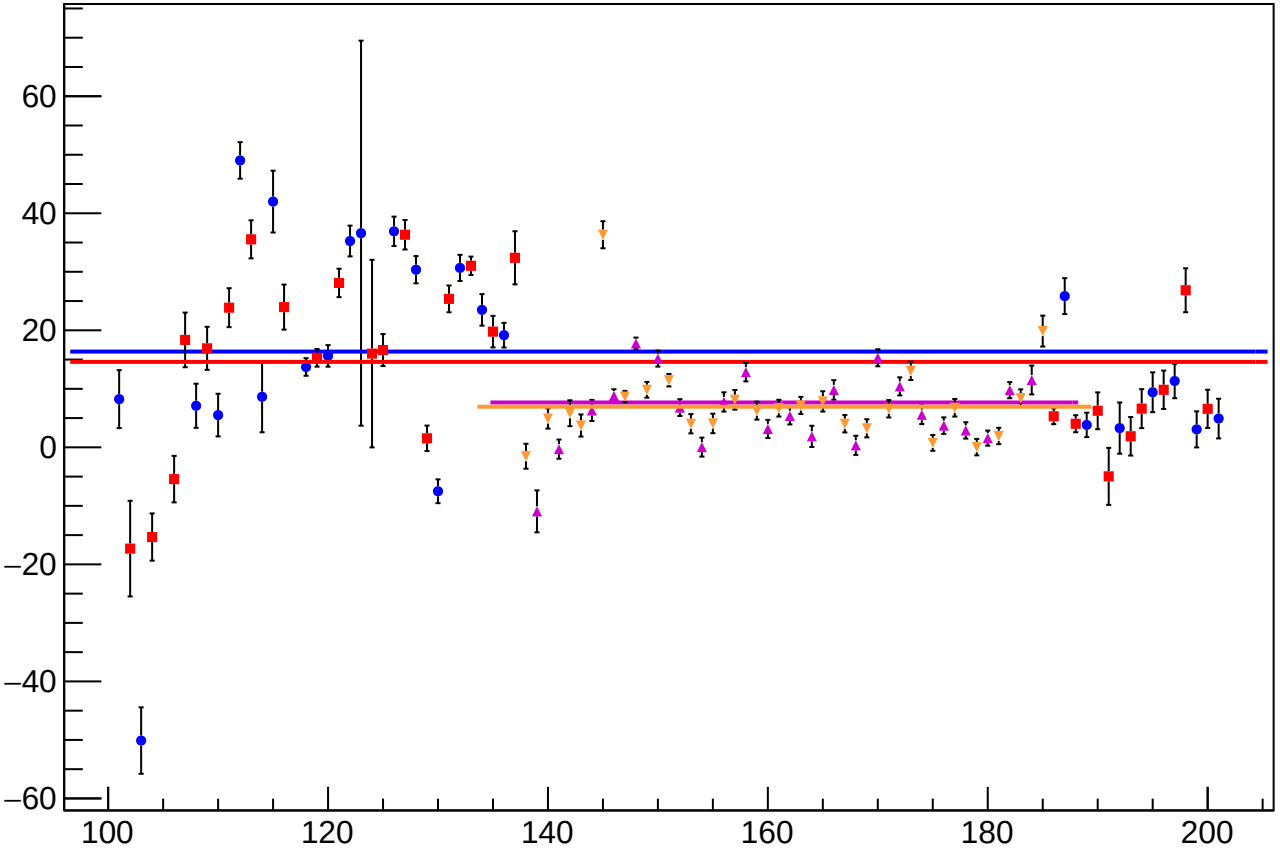
Right: -46.520+/-0.535 χ^2/NDF: 2913.7/15

In: -32.675+/-0.365 χ^2/NDF:2853.3/29

Out: -32.904+/-0.333 χ^2/NDF:4646.3/33

All: -32.800+/-0.246 χ^2/NDF: 7499.8/63

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.363+/-0.559 χ^2/NDF: 726.3/23

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 14.605+/-0.499 χ^2/NDF: 607.2/26

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

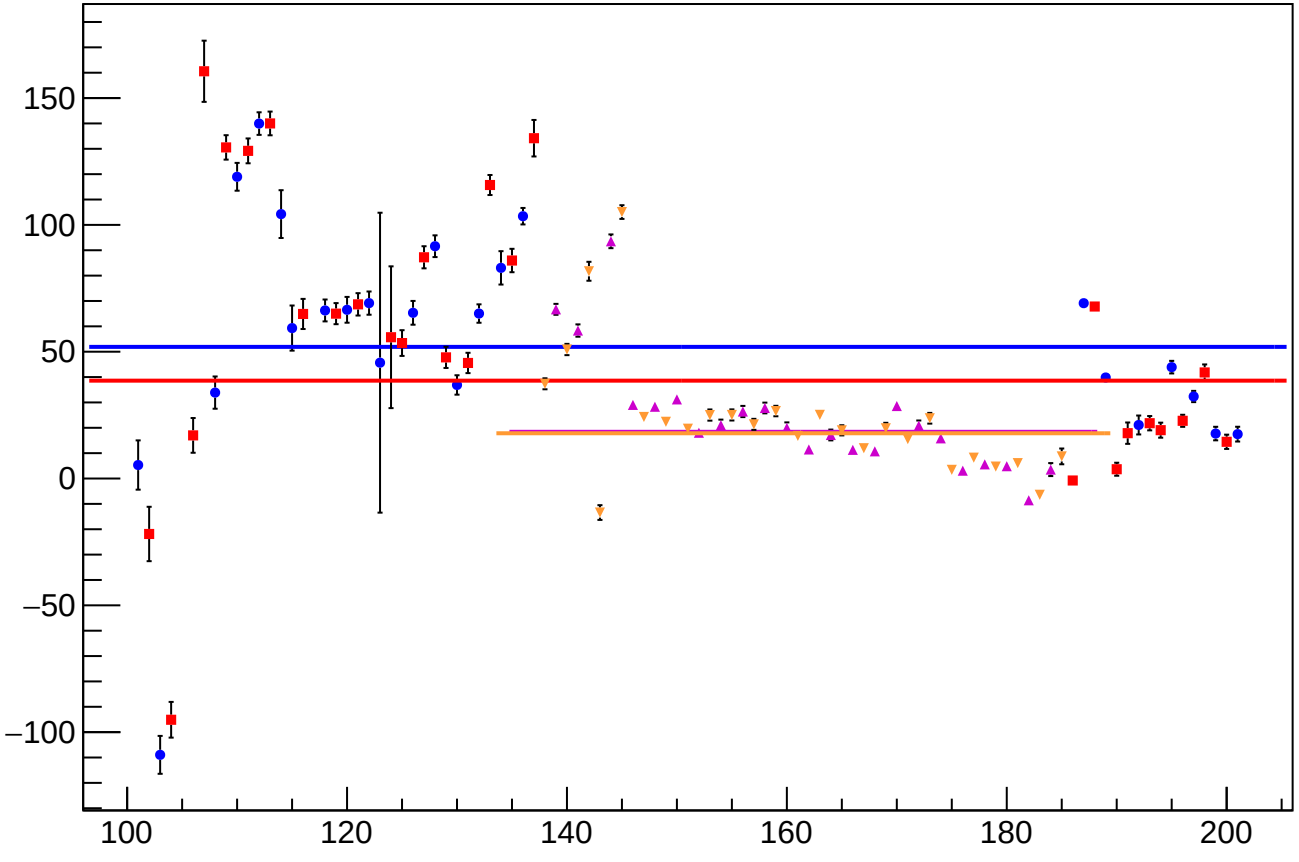
Right: 15.384+/-0.372 χ^2/NDF: 1339.0/50

In: 9.738+/-0.273 χ^2/NDF:1251.6/46

Out: 9.014+/-0.259 χ^2/NDF:1102.0/51

All: 9.358+/-0.188 χ^2/NDF: 2357.3/98

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.904+/-0.681 χ^2/NDF: 2134.9/23

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 38.587+/-0.487 χ^2/NDF: 6207.8/26

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

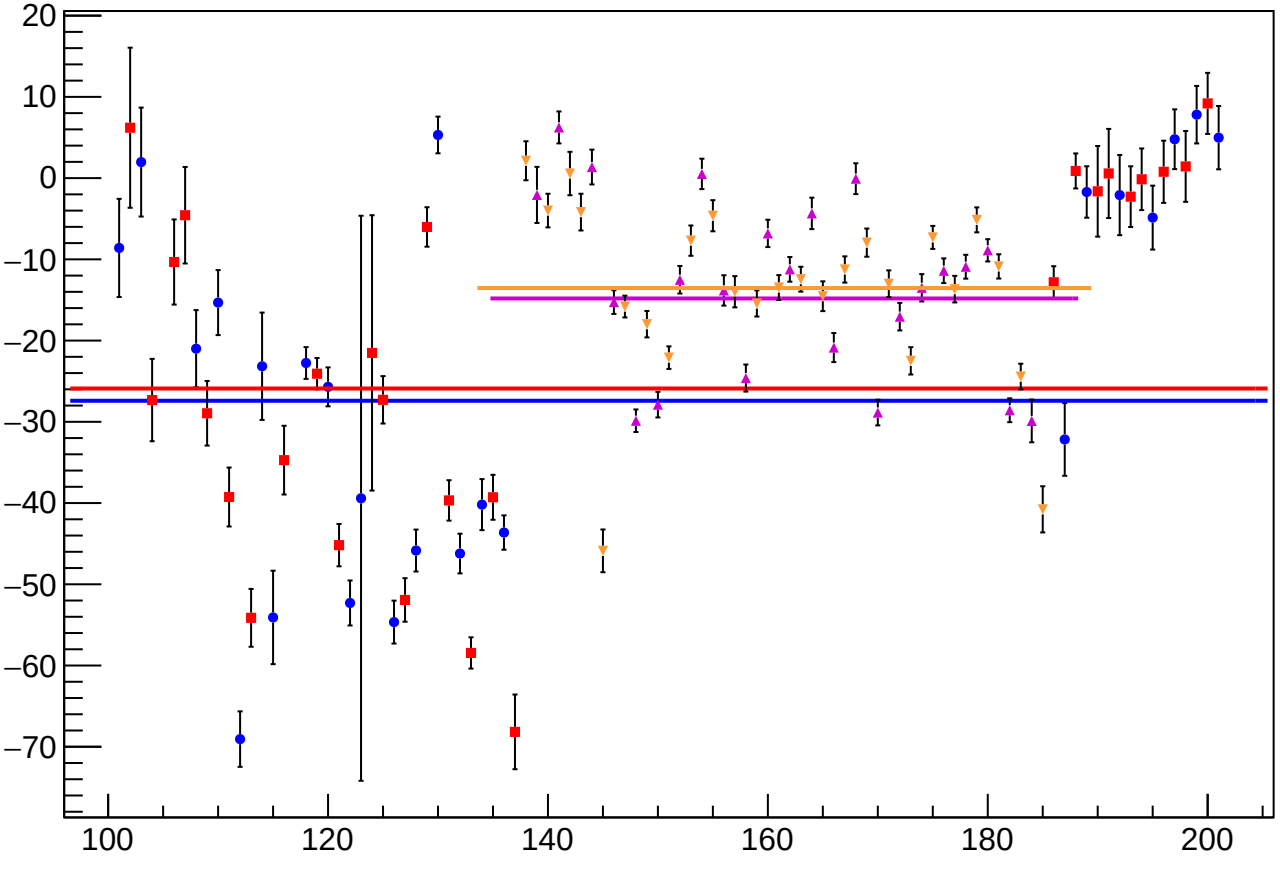
Right: 43.096+/-0.396 χ^2/NDF: 8596.0/50

In: 26.735+/-0.339 χ^2/NDF:6423.3/46

Out: 25.893+/-0.303 χ^2/NDF:9718.0/51

All: 26.267+/-0.226 χ^2/NDF: 16144.8/98

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.408+/-0.657 χ^2/NDF: 1170.5/23

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -25.897+/-0.607 χ^2/NDF: 1256.6/26

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

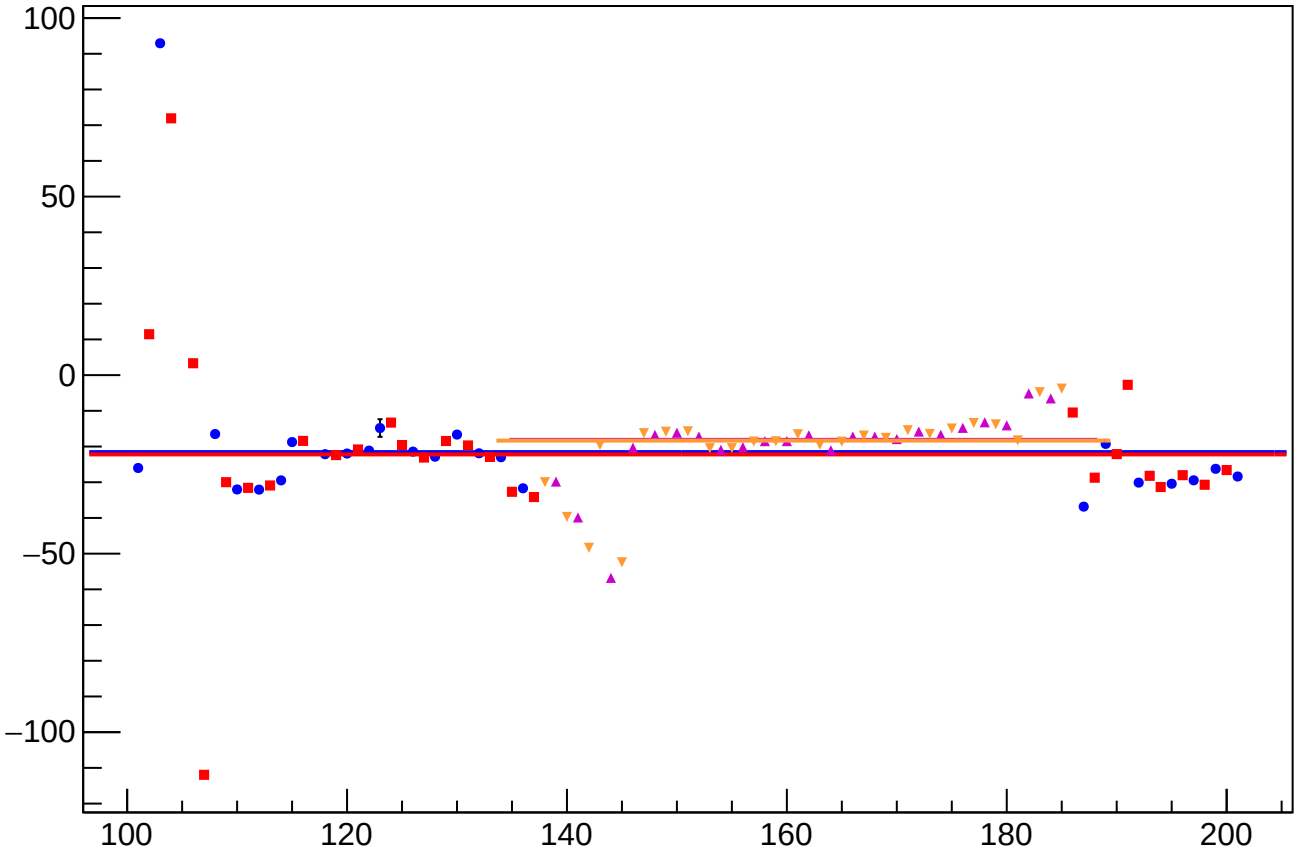
Right: -26.594+/-0.446 χ^2/NDF: 2429.9/50

In: -17.640+/-0.311 χ^2/NDF:2294.1/46

Out: -16.546+/-0.300 χ^2/NDF:2144.4/51

All: -17.073+/-0.216 χ^2/NDF: 4444.9/98

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.563+/-0.033 χ^2/NDF: 510318.4/23

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -22.208+/-0.030 χ^2/NDF: 484107.7/26

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

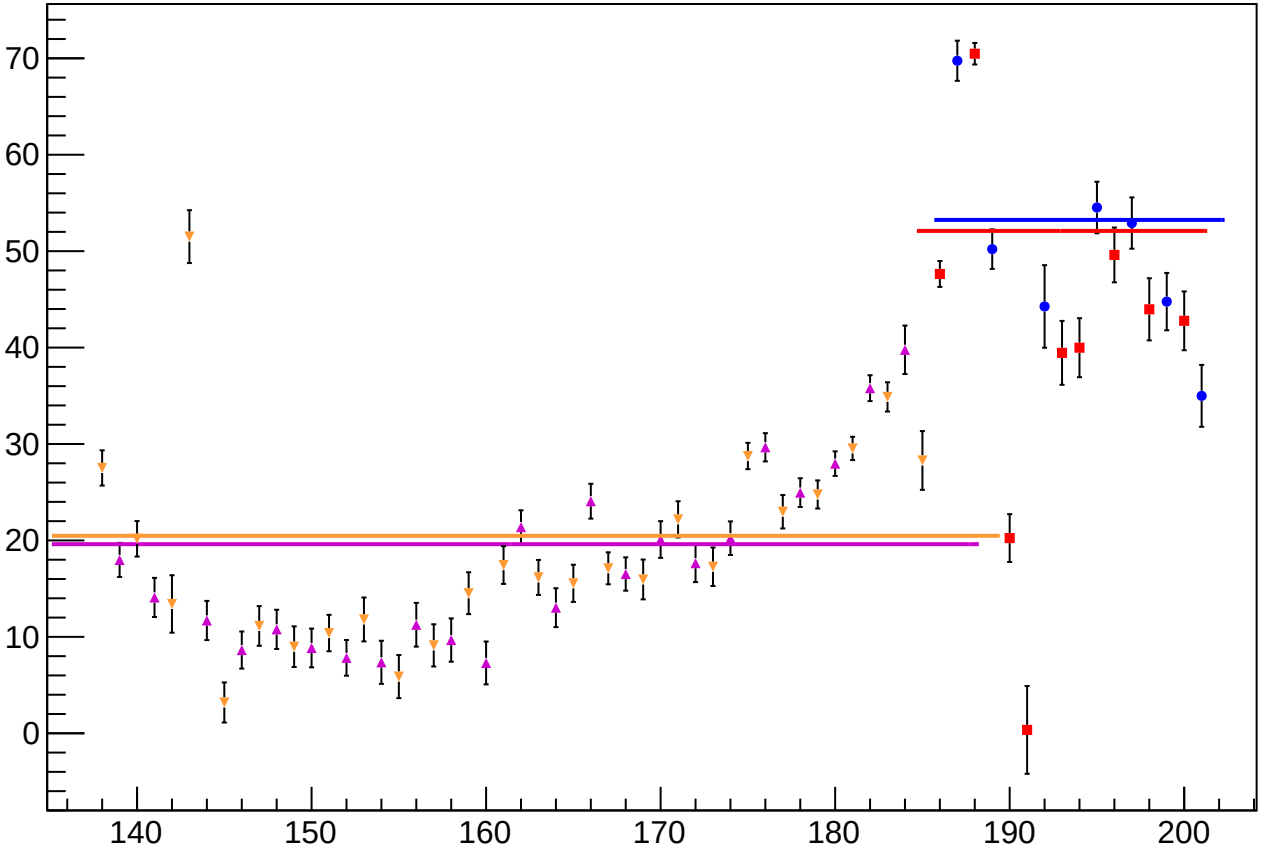
Right: -21.908+/-0.022 χ^2/NDF: 994634.0/50

In: -18.797+/-0.014 χ^2/NDF:764814.7/46

Out: -19.162+/-0.014 χ^2/NDF:780583.1/51

All: -18.984+/-0.010 χ^2/NDF: 1545727.2/98

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 53.241+/-0.993 χ^2/NDF: 110.1/6

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 52.101+/-0.692 χ^2/NDF: 622.1/8

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

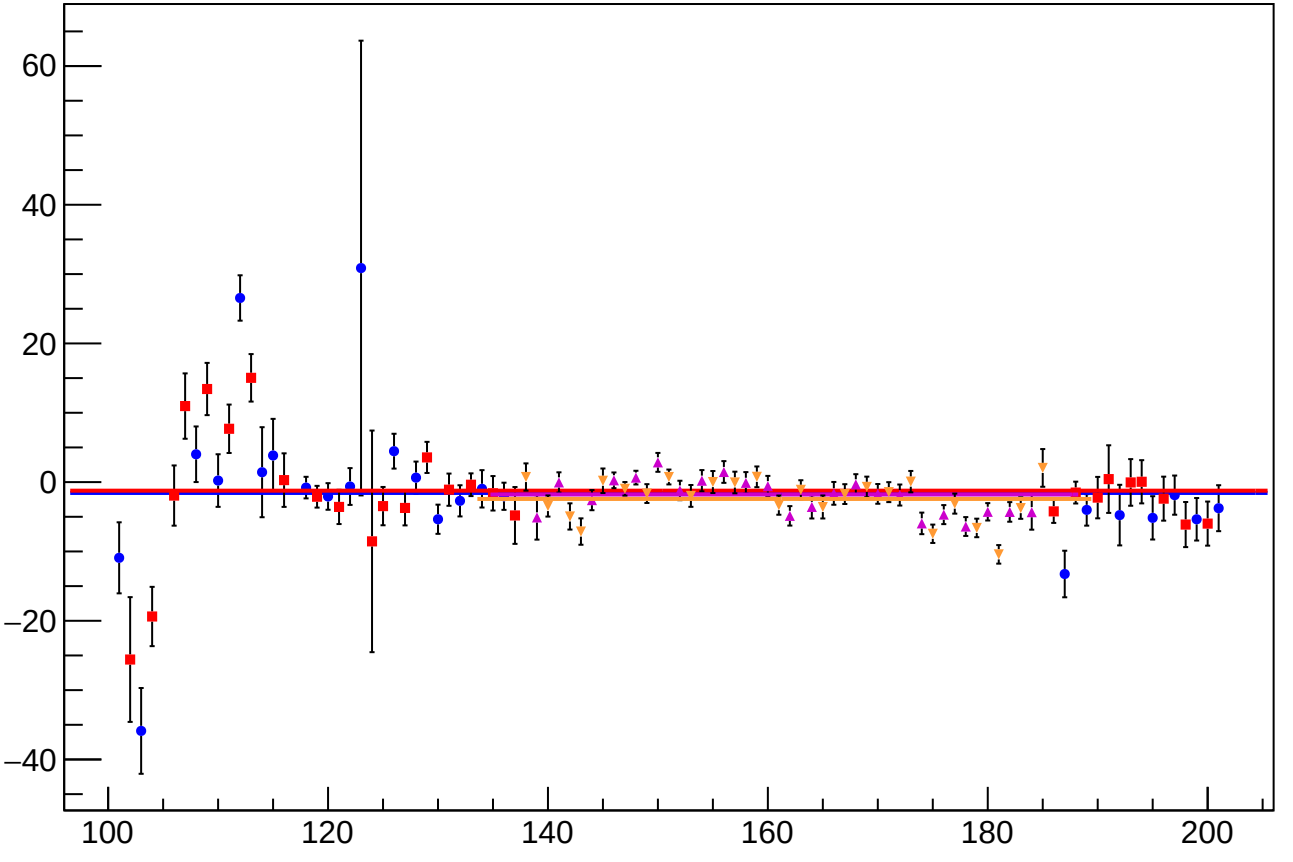
Right: 52.473+/-0.568 χ^2/NDF: 733.1/15

In: 23.883+/-0.354 χ^2/NDF:1684.7/29

Out: 27.627+/-0.329 χ^2/NDF:2855.1/33

All: 25.892+/-0.241 χ^2/NDF: 4599.9/63

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.562+/-0.568 χ^2/NDF: 140.2/23

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -1.234+/-0.519 χ^2/NDF: 93.6/26

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

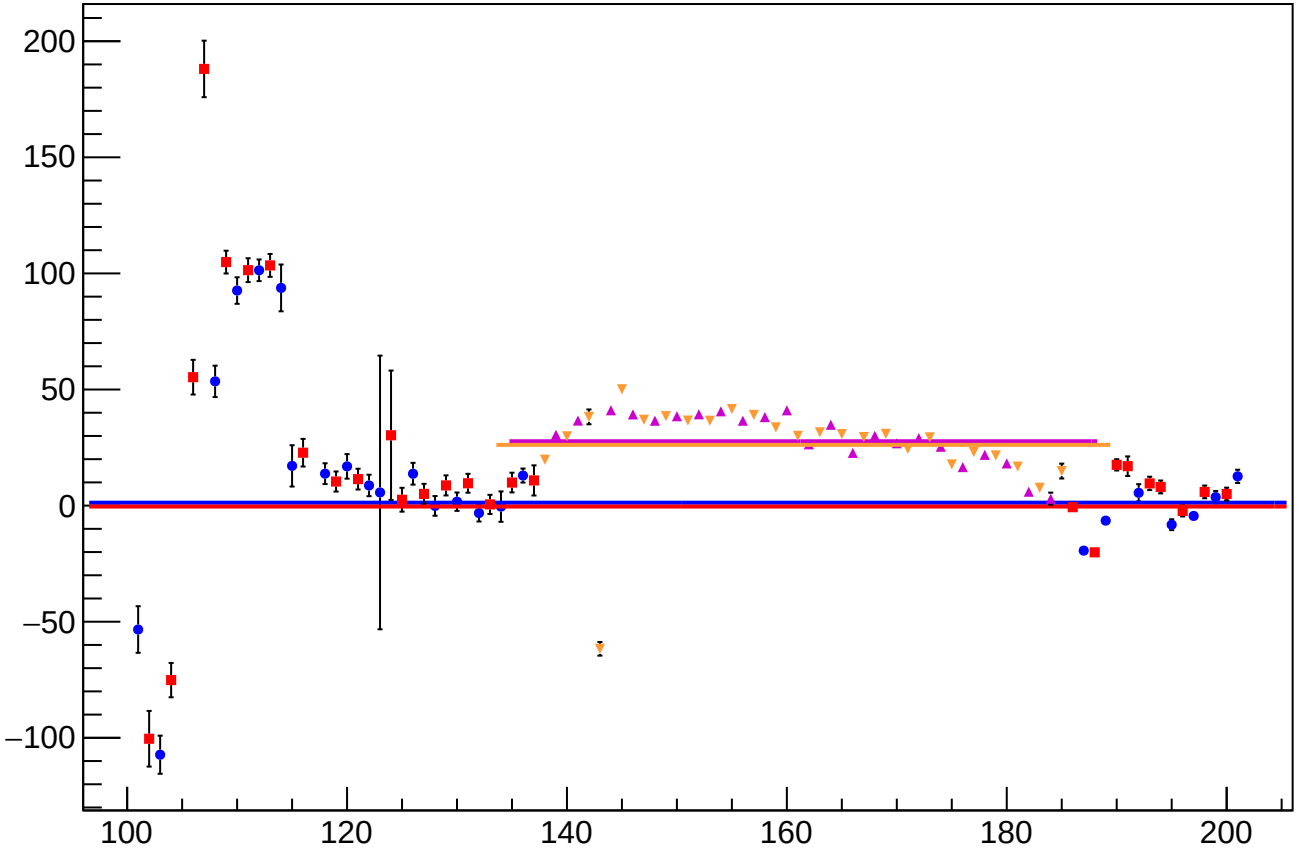
Right: -1.383+/-0.383 χ^2/NDF: 233.9/50

In: -1.741+/-0.266 χ^2/NDF:210.3/46

Out: -2.140+/-0.255 χ^2/NDF:201.3/51

All: -1.949+/-0.184 χ^2/NDF: 412.9/98

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.269+/-0.698 χ^2/NDF: 1317.7/23

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -0.392+/-0.523 χ^2/NDF: 2396.1/26

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

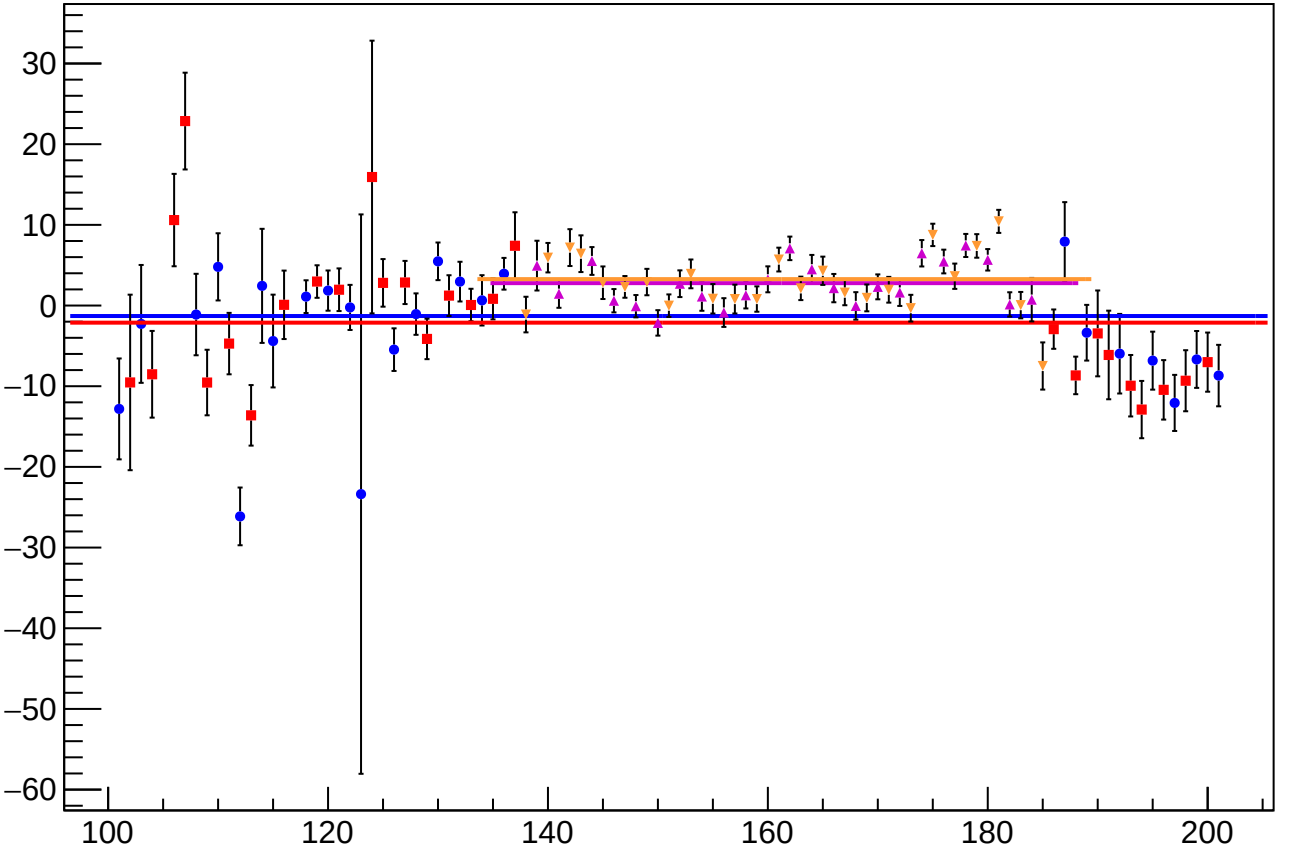
Right: 0.204+/-0.419 χ^2/NDF: 3717.4/50

In: 21.764+/-0.332 χ^2/NDF:3234.2/46

Out: 17.212+/-0.304 χ^2/NDF:5683.9/51

All: 19.288+/-0.224 χ^2/NDF: 9020.7/98

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.299+/-0.662 χ^2/NDF: 102.2/23

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -2.122+/-0.624 χ^2/NDF: 96.5/26

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

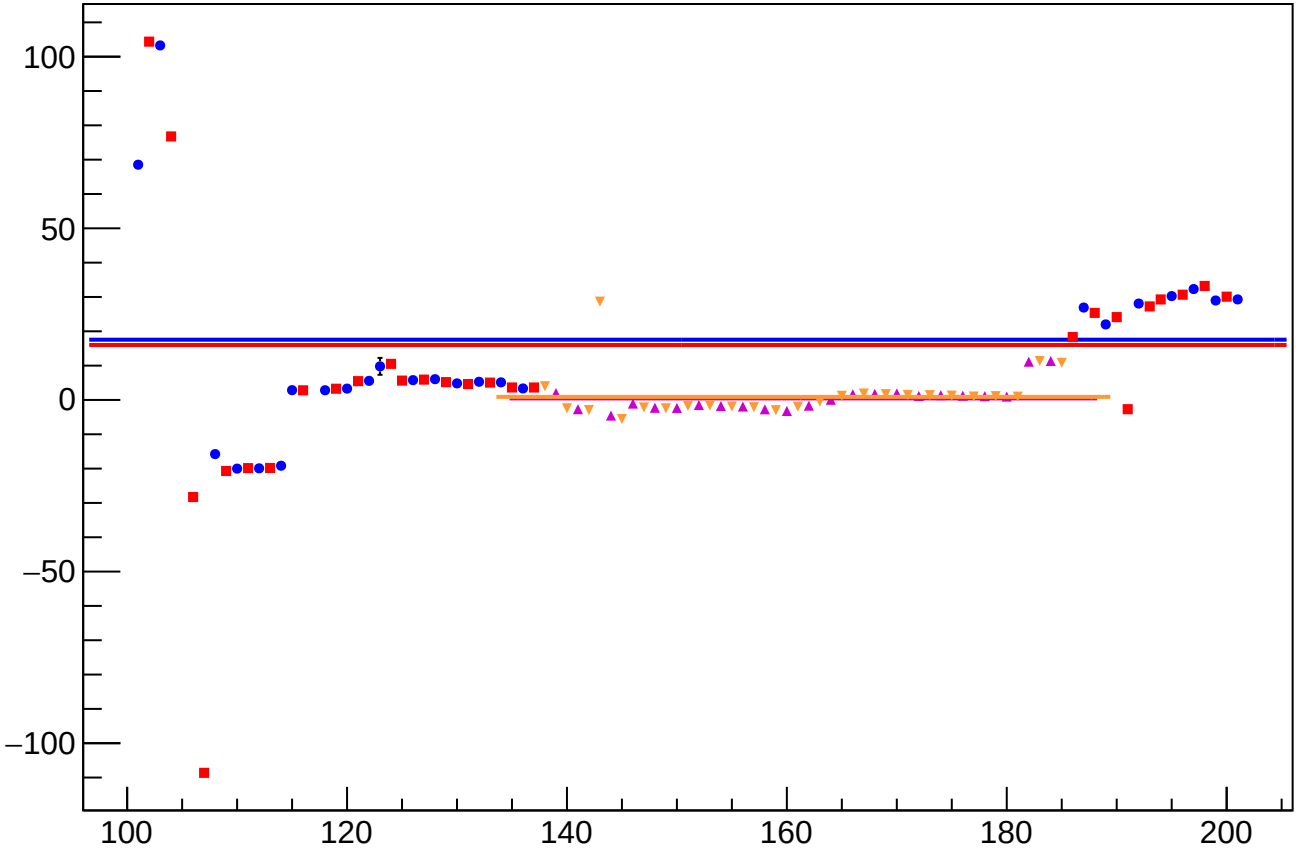
Right: -1.735+/-0.454 χ^2/NDF: 199.5/50

In: 1.924+/-0.303 χ^2/NDF:198.7/46

Out: 2.085+/-0.293 χ^2/NDF:256.6/51

All: 2.007+/-0.211 χ^2/NDF: 455.5/98

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.556+/-0.032 χ^2/NDF: 469506.0/23

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 16.007+/-0.030 χ^2/NDF: 690045.1/26

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

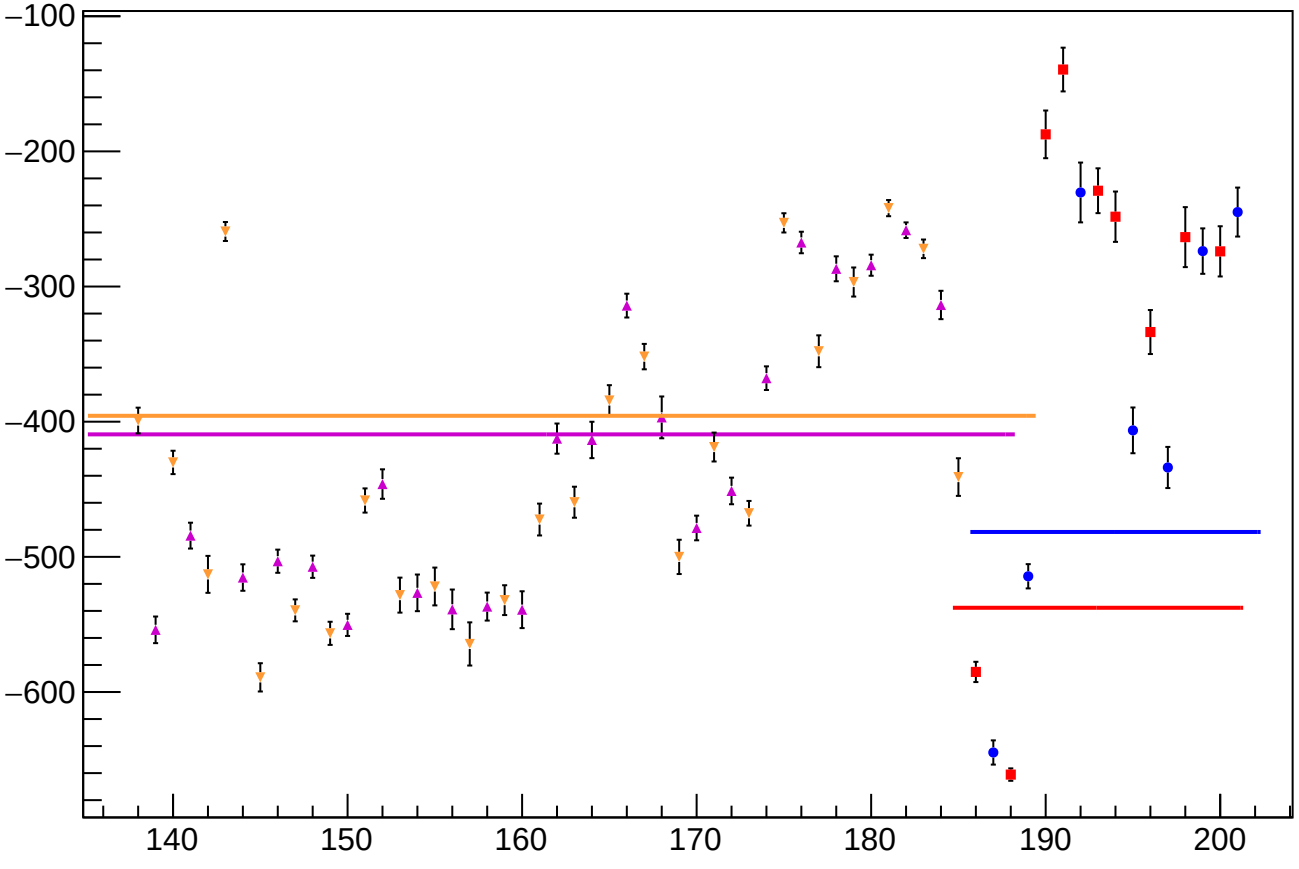
Right: 16.733+/-0.022 χ^2/NDF: 1160770.2/50

In: 3.597+/-0.014 χ^2/NDF:748442.9/46

Out: 3.930+/-0.014 χ^2/NDF:996207.5/51

All: 3.767+/-0.010 χ^2/NDF: 1744944.5/98

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -481.590+/-4.922 χ^2/NDF: 826.3/6

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -537.674+/-3.382 χ^2/NDF: 2860.3/8

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

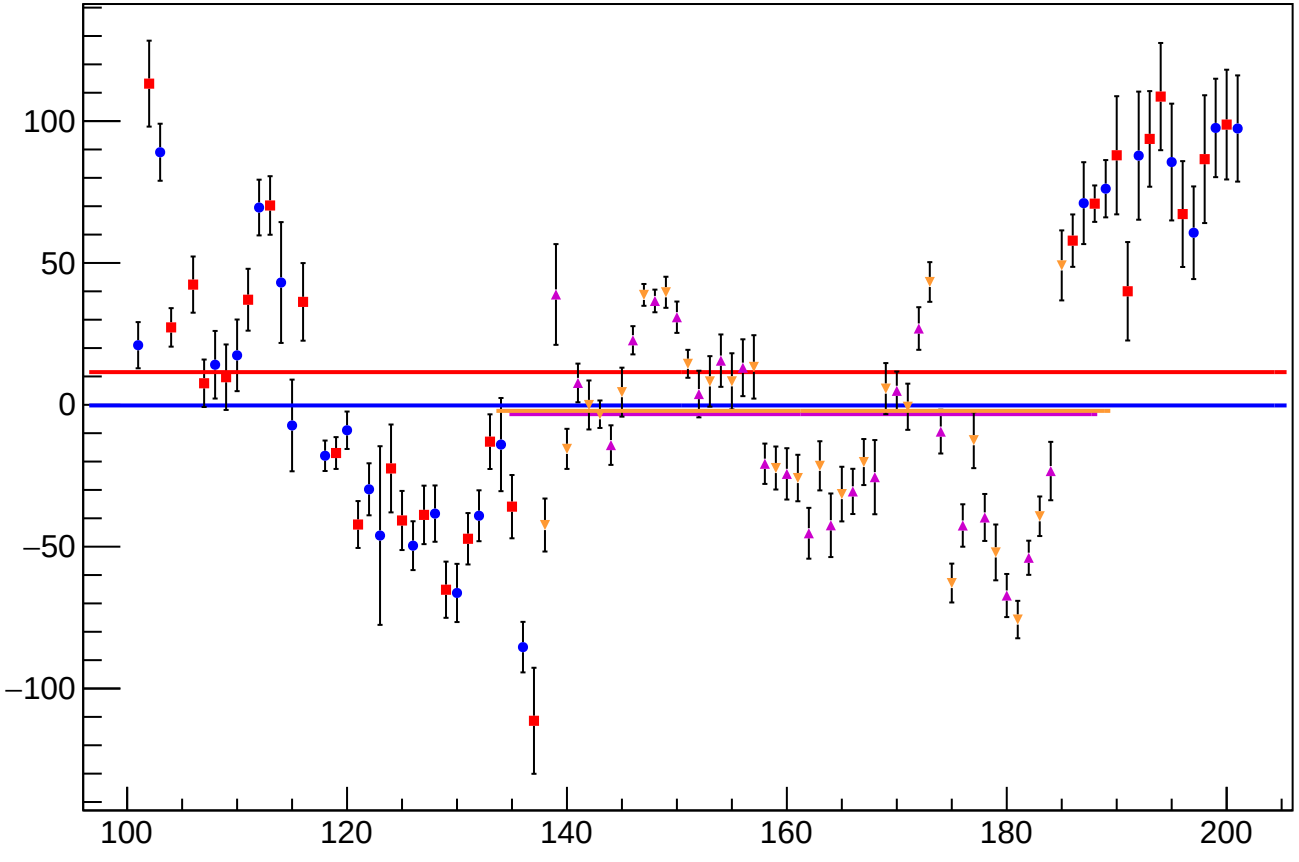
Right: -519.687+/-2.787 χ^2/NDF: 3774.8/15

In: -419.360+/-1.830 χ^2/NDF:4107.9/29

Out: -429.957+/-1.662 χ^2/NDF:7901.9/33

All: -425.166+/-1.231 χ^2/NDF: 12028.2/63

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.223+/-2.151 χ^2/NDF: 556.4/23

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 11.525+/-2.000 χ^2/NDF: 610.8/26

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

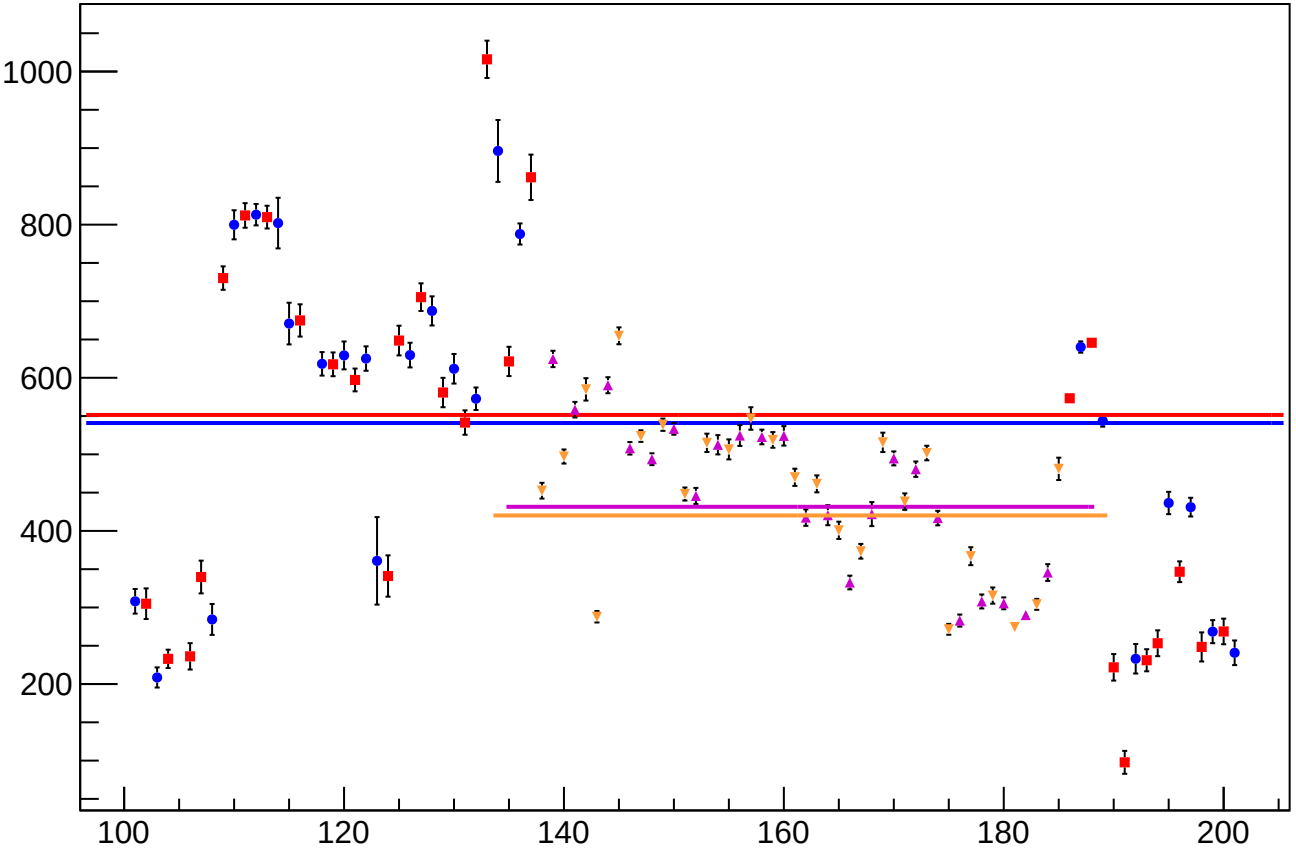
Right: 6.077+/-1.465 χ^2/NDF: 1183.2/50

In: -2.271+/-1.239 χ^2/NDF:1012.3/46

Out: 2.508+/-1.166 χ^2/NDF:1204.3/51

All: 0.264+/-0.849 χ^2/NDF: 2224.5/98

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 540.923+/-2.987 χ^2/NDF: 3497.2/23

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 551.469+/-2.311 χ^2/NDF: 6225.0/26

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

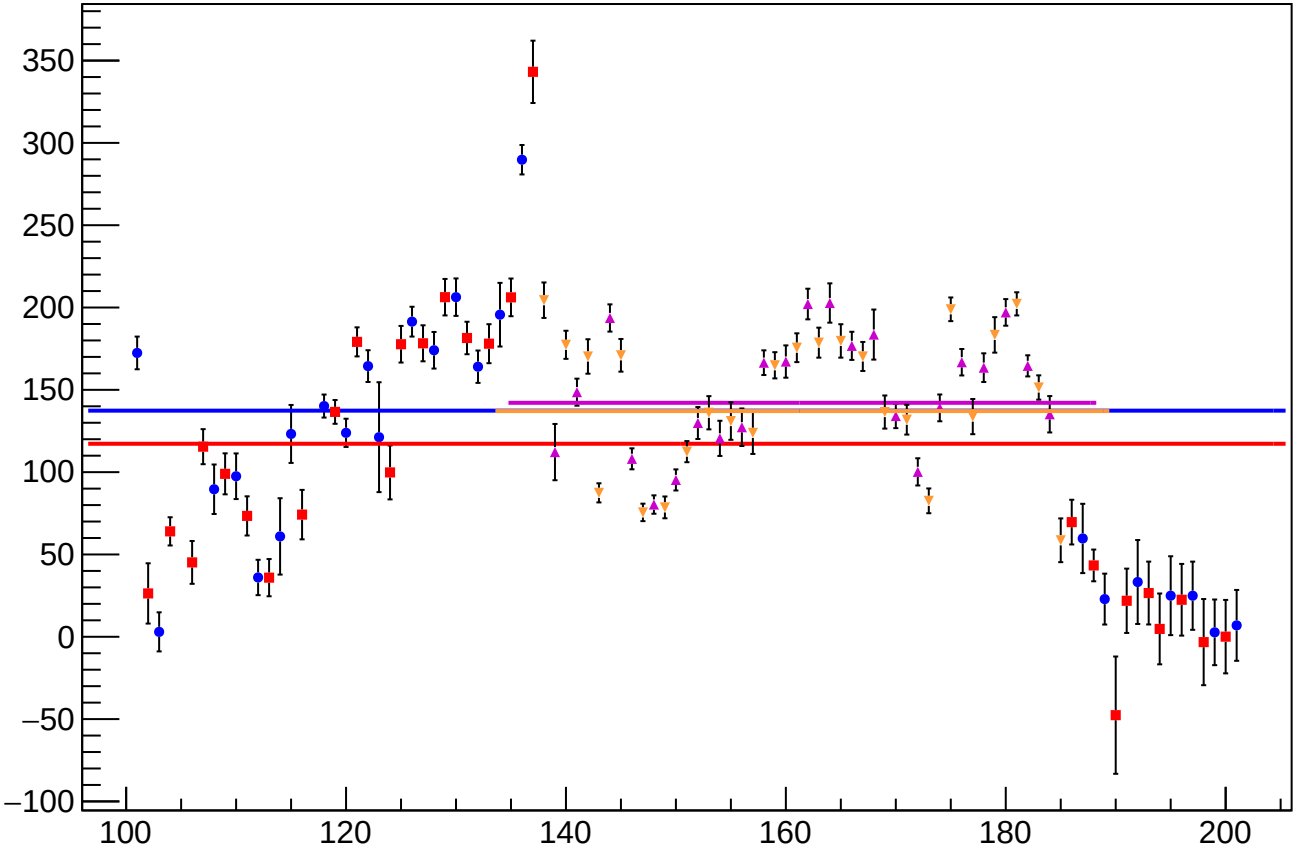
Right: 547.519+/-1.828 χ^2/NDF: 9730.1/50

In: 464.517+/-1.641 χ^2/NDF:7331.5/46

Out: 473.642+/-1.475 χ^2/NDF:11378.7/51

All: 469.565+/-1.097 χ^2/NDF: 18727.3/98

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 137.357+/-2.527 χ^2/NDF: 879.4/23

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 117.246+/-2.388 χ^2/NDF: 857.9/26

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

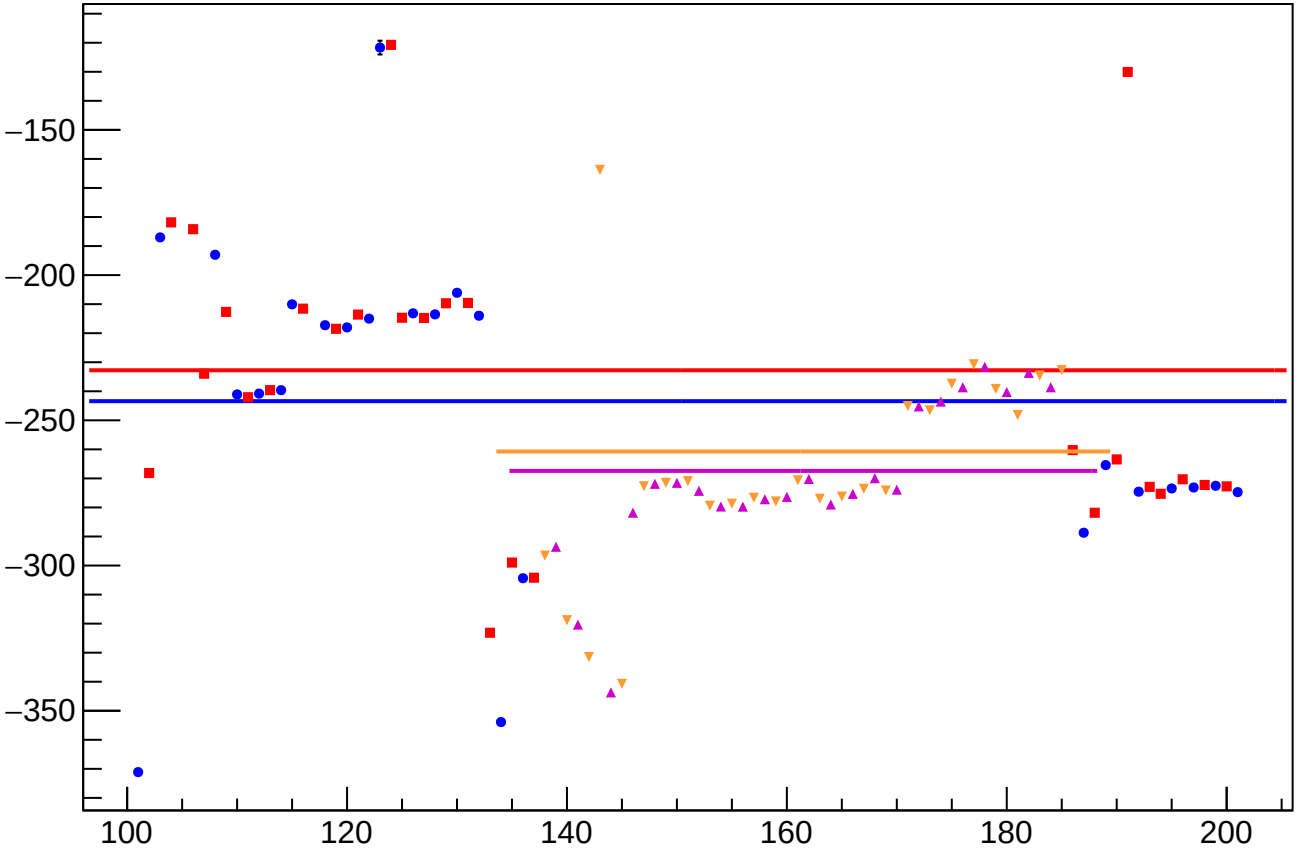
Right: 126.733+/-1.736 χ^2/NDF: 1770.7/50

In: 140.590+/-1.433 χ^2/NDF:1345.6/46

Out: 130.622+/-1.365 χ^2/NDF:1643.3/51

All: 135.361+/-0.988 χ^2/NDF: 3014.3/98

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -243.404+/-0.130 χ^2/NDF: 161475.5/23

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -232.769+/-0.119 χ^2/NDF: 162049.3/26

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

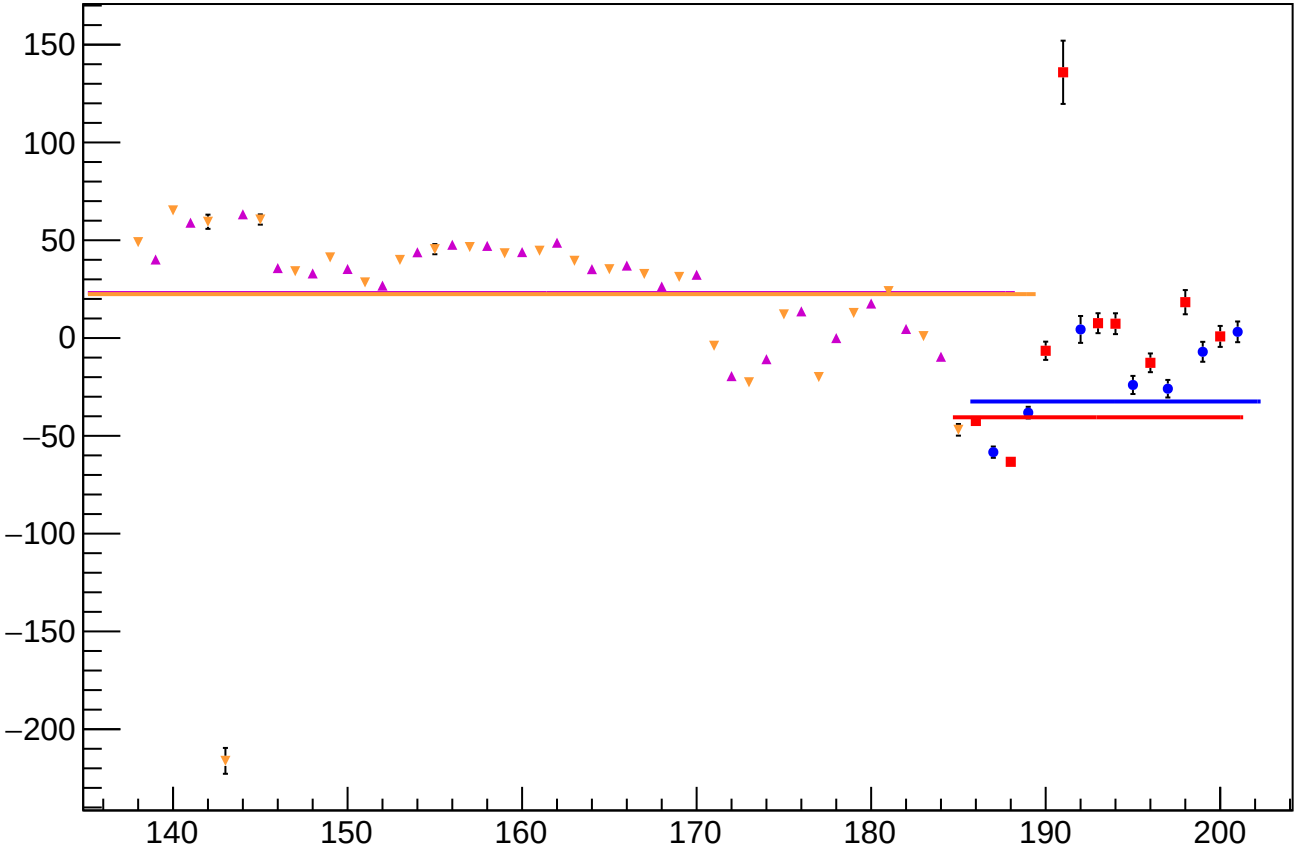
Right: -237.626+/-0.088 χ^2/NDF: 327169.0/50

In: -260.650+/-0.069 χ^2/NDF:284923.2/46

Out: -252.100+/-0.066 χ^2/NDF:420305.7/51

All: -256.198+/-0.048 χ^2/NDF: 713237.4/98

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.438+/-1.536 χ^2/NDF: 188.4/6

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -40.520+/-1.017 χ^2/NDF: 739.8/8

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

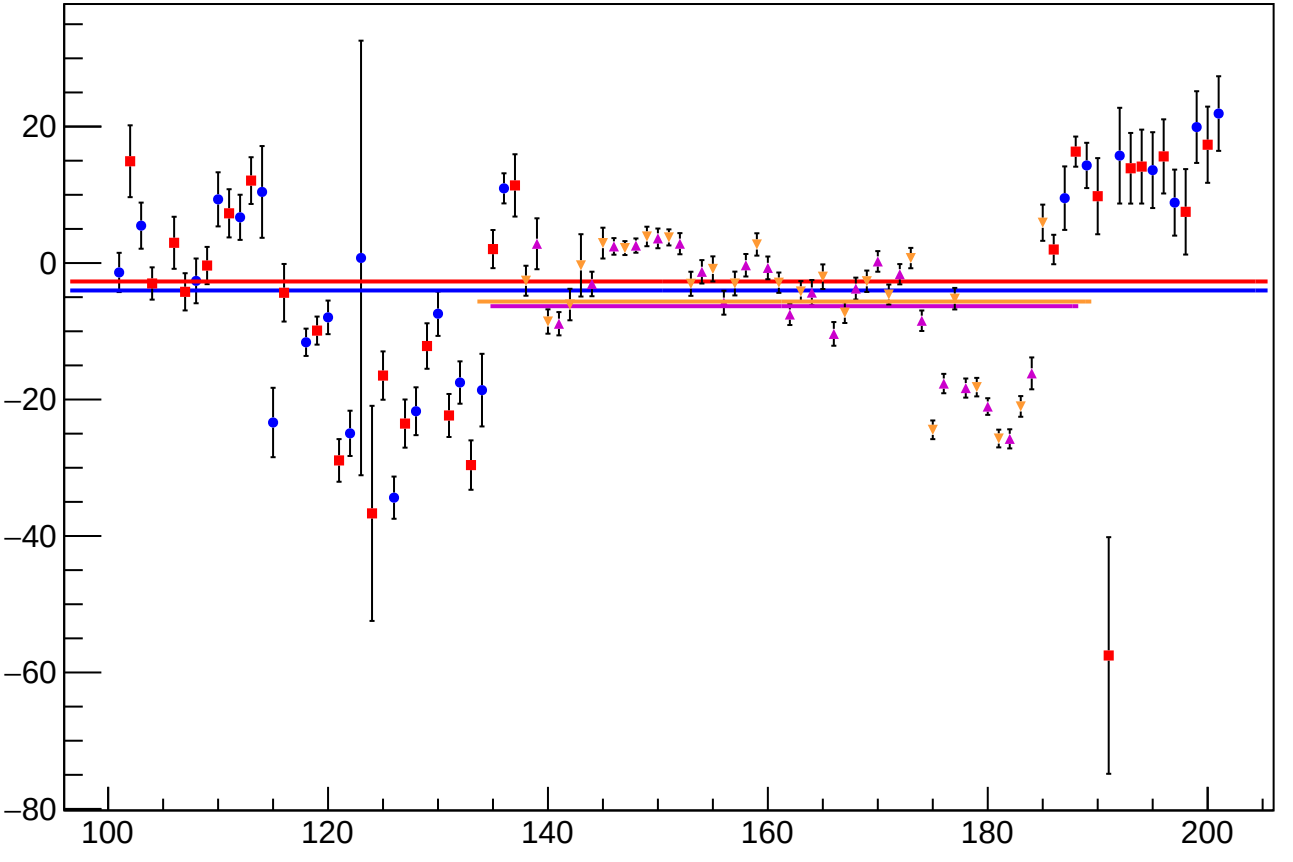
Right: -38.056+/-0.848 χ^2/NDF: 947.4/15

In: 19.499+/-0.387 χ^2/NDF:4229.8/29

Out: 14.052+/-0.371 χ^2/NDF:8997.9/33

All: 16.664+/-0.268 χ^2/NDF: 13330.8/63

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.018+/-0.716 χ^2/NDF: 409.5/23

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -2.700+/-0.654 χ^2/NDF: 433.9/26

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

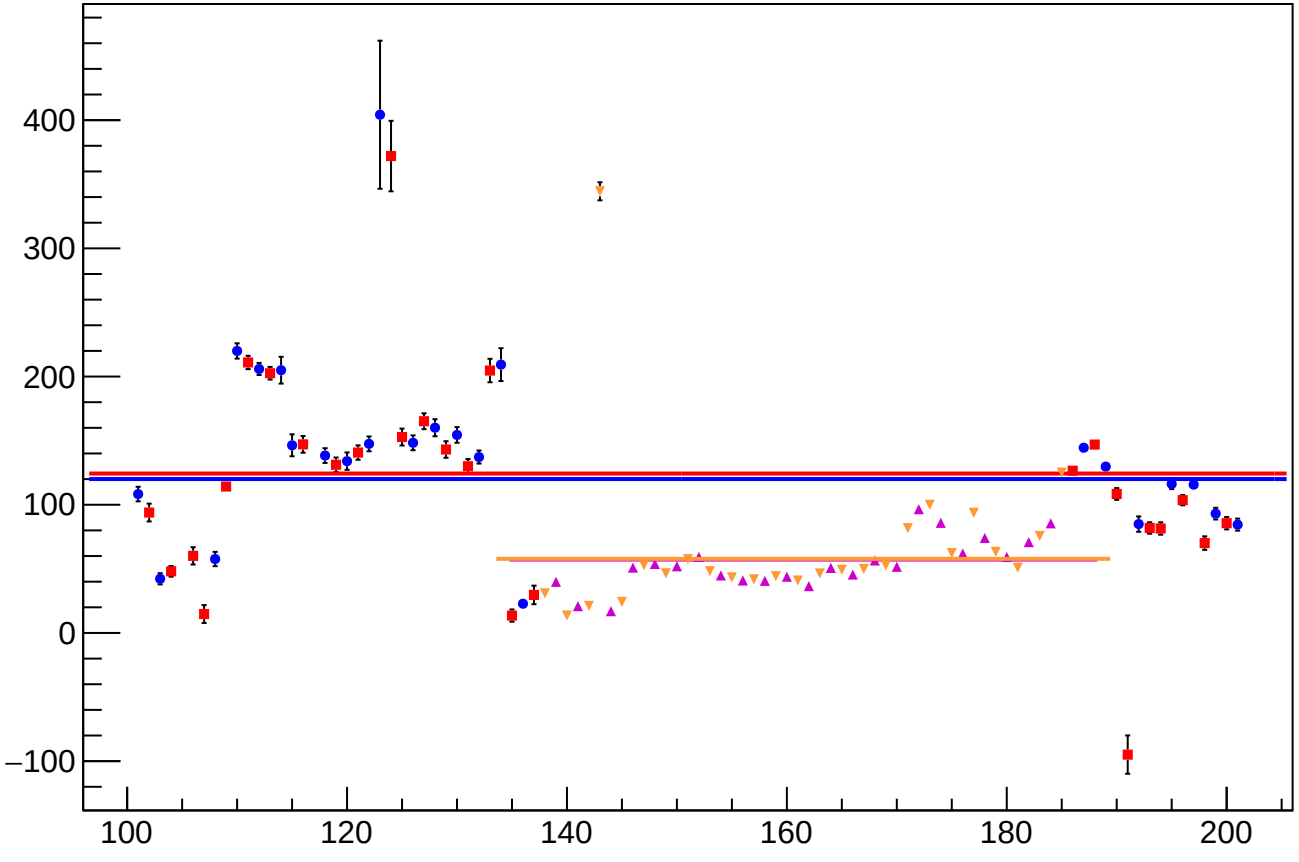
Right: -3.300+/-0.483 χ^2/NDF: 845.2/50

In: -5.939+/-0.292 χ^2/NDF:1202.5/46

Out: -5.084+/-0.284 χ^2/NDF:1341.8/51

All: -5.499+/-0.204 χ^2/NDF: 2548.7/98

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 120.047+/-0.955 χ^2/NDF: 2414.8/23

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 124.349+/-0.713 χ^2/NDF: 3111.2/26

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

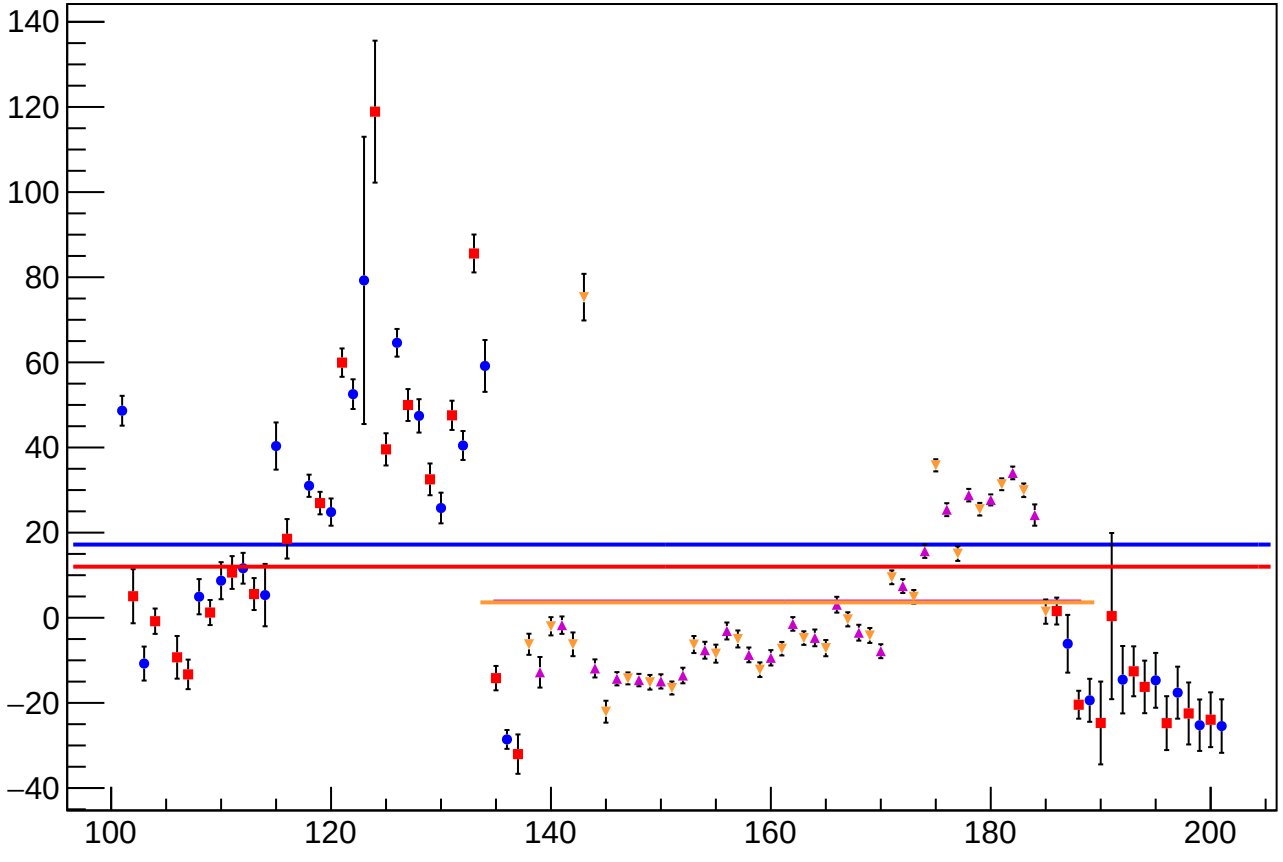
Right: 122.809+/-0.571 χ^2/NDF: 5539.1/50

In: 66.531+/-0.367 χ^2/NDF:7964.5/46

Out: 73.631+/-0.348 χ^2/NDF:14084.9/51

All: 70.279+/-0.252 χ^2/NDF: 22246.5/98

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.197+/-0.832 χ^2/NDF: 1336.5/23

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 12.003+/-0.780 χ^2/NDF: 1378.9/26

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

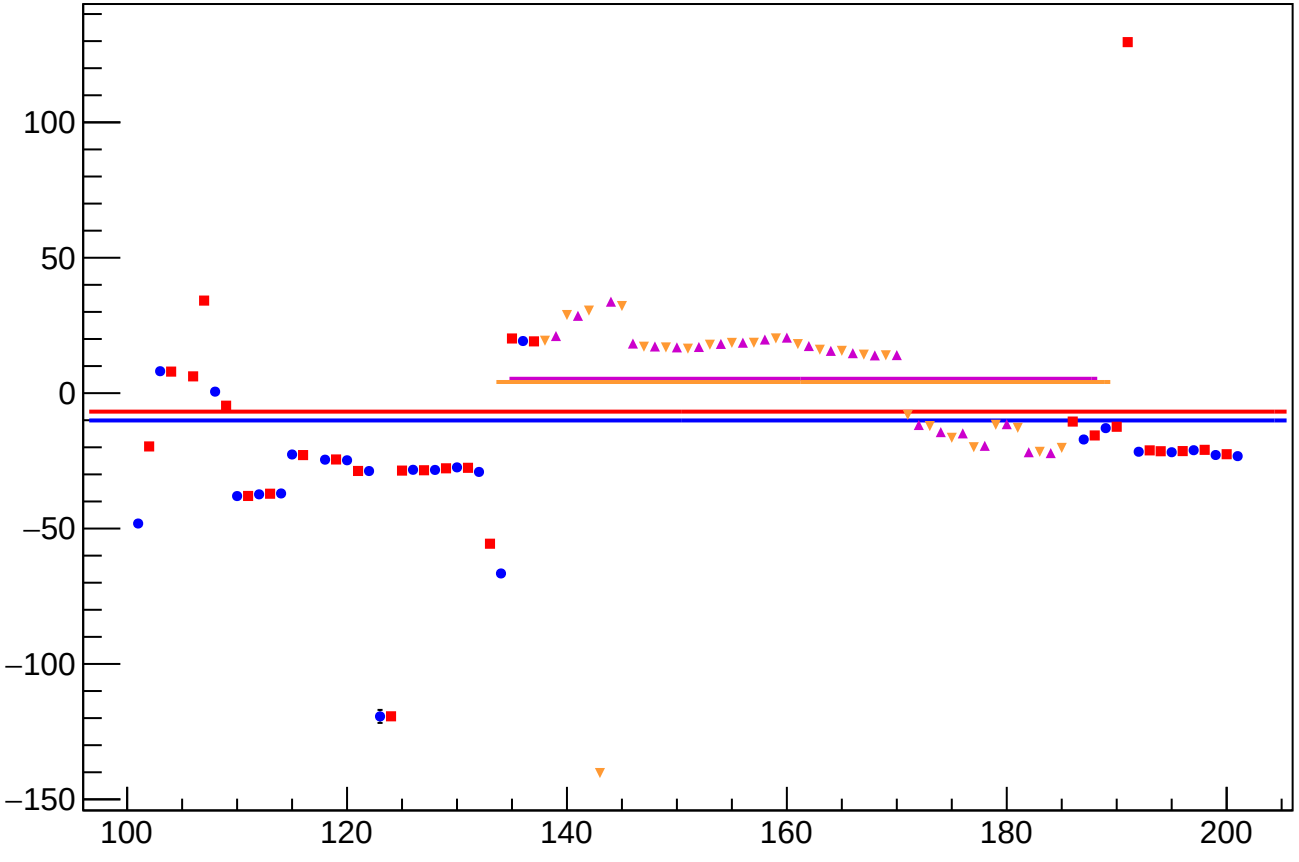
Right: 14.434+/-0.569 χ^2/NDF: 2736.1/50

In: 5.931+/-0.331 χ^2/NDF:3757.9/46

Out: 5.066+/-0.324 χ^2/NDF:3975.7/51

All: 5.490+/-0.232 χ^2/NDF: 7737.1/98

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.086+/-0.040 χ^2/NDF: 291789.2/23

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -6.823+/-0.038 χ^2/NDF: 370625.4/26

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

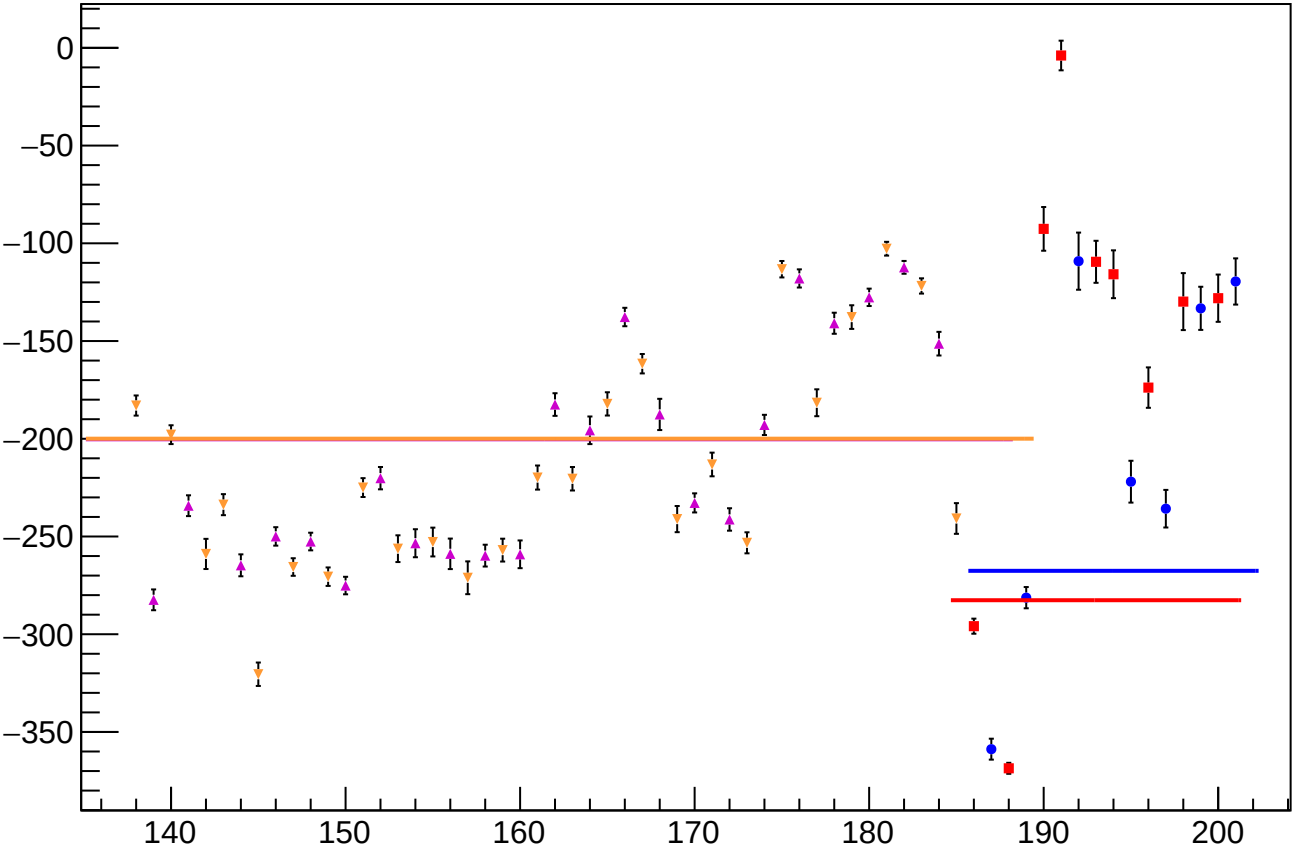
Right: -8.381+/-0.028 χ^2/NDF: 665905.6/50

In: 3.094+/-0.015 χ^2/NDF:1508688.2/46

Out: 2.421+/-0.015 χ^2/NDF:1780263.0/51

All: 2.755+/-0.011 χ^2/NDF: 3289946.2/98

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -267.564+/-3.039 χ^2/NDF: 748.0/6

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -282.603+/-1.979 χ^2/NDF: 3413.8/8

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

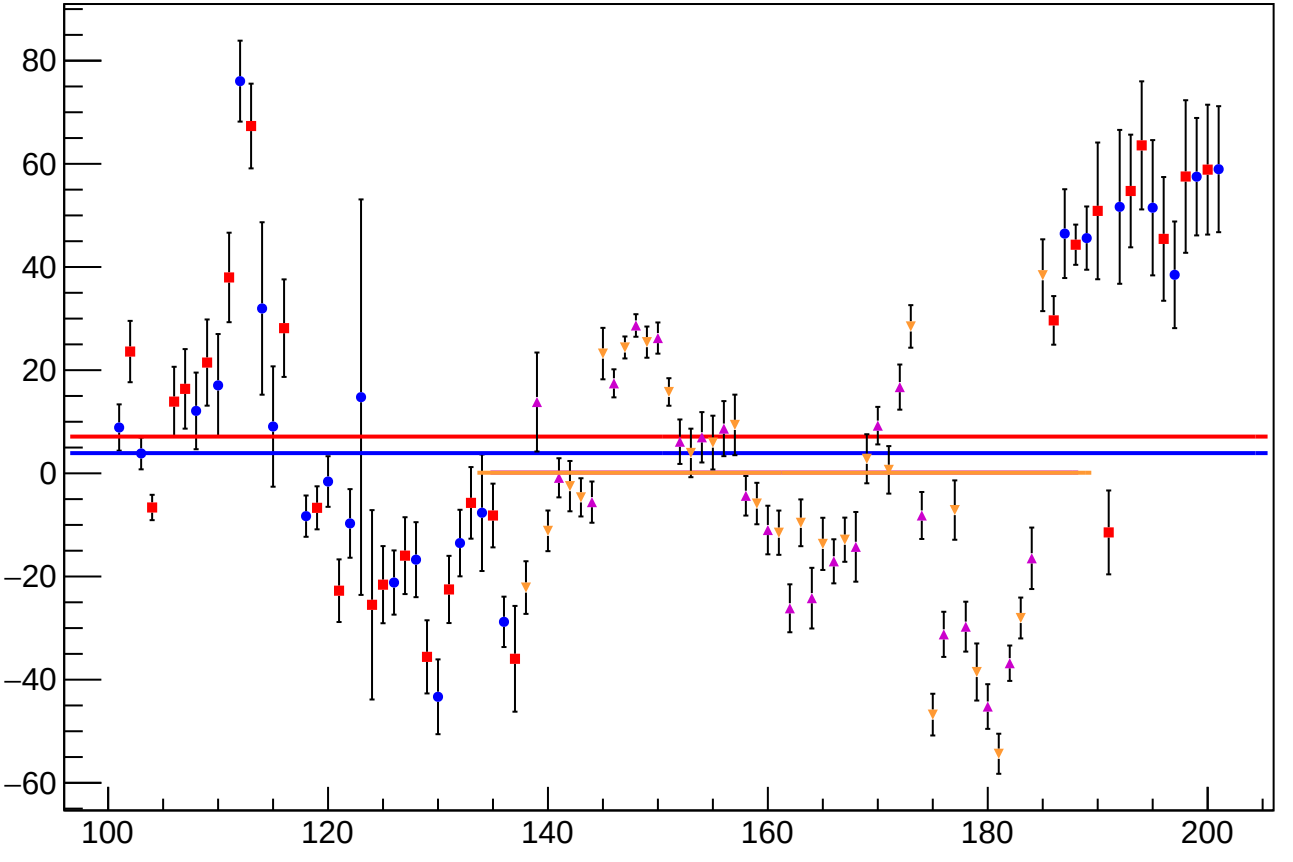
Right: -278.125+/-1.658 χ^2/NDF: 4179.0/15

In: -207.987+/-1.029 χ^2/NDF:4195.8/29

Out: -218.965+/-0.949 χ^2/NDF:7977.2/33

All: -213.918+/-0.698 χ^2/NDF: 12234.5/63

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.919+/-1.349 χ^2/NDF: 374.2/23

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 7.125+/-1.218 χ^2/NDF: 470.9/26

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

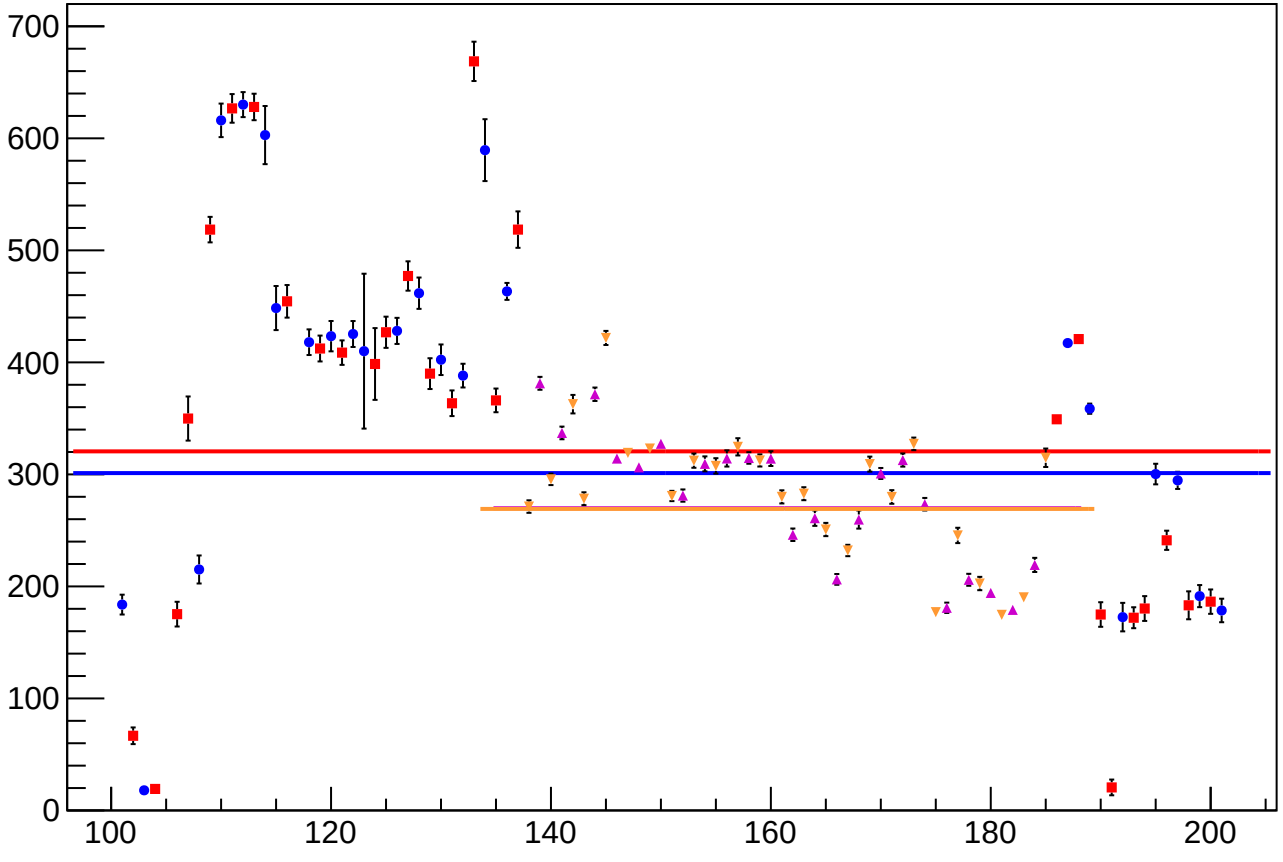
Right: 5.685+/-0.904 χ^2/NDF: 848.3/50

In: 1.199+/-0.711 χ^2/NDF:1099.5/46

Out: 2.267+/-0.675 χ^2/NDF:1324.0/51

All: 1.760+/-0.489 χ^2/NDF: 2424.7/98

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 301.163+/-1.775 χ^2/NDF: 9076.9/23

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 320.553+/-1.357 χ^2/NDF: 13548.4/26

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

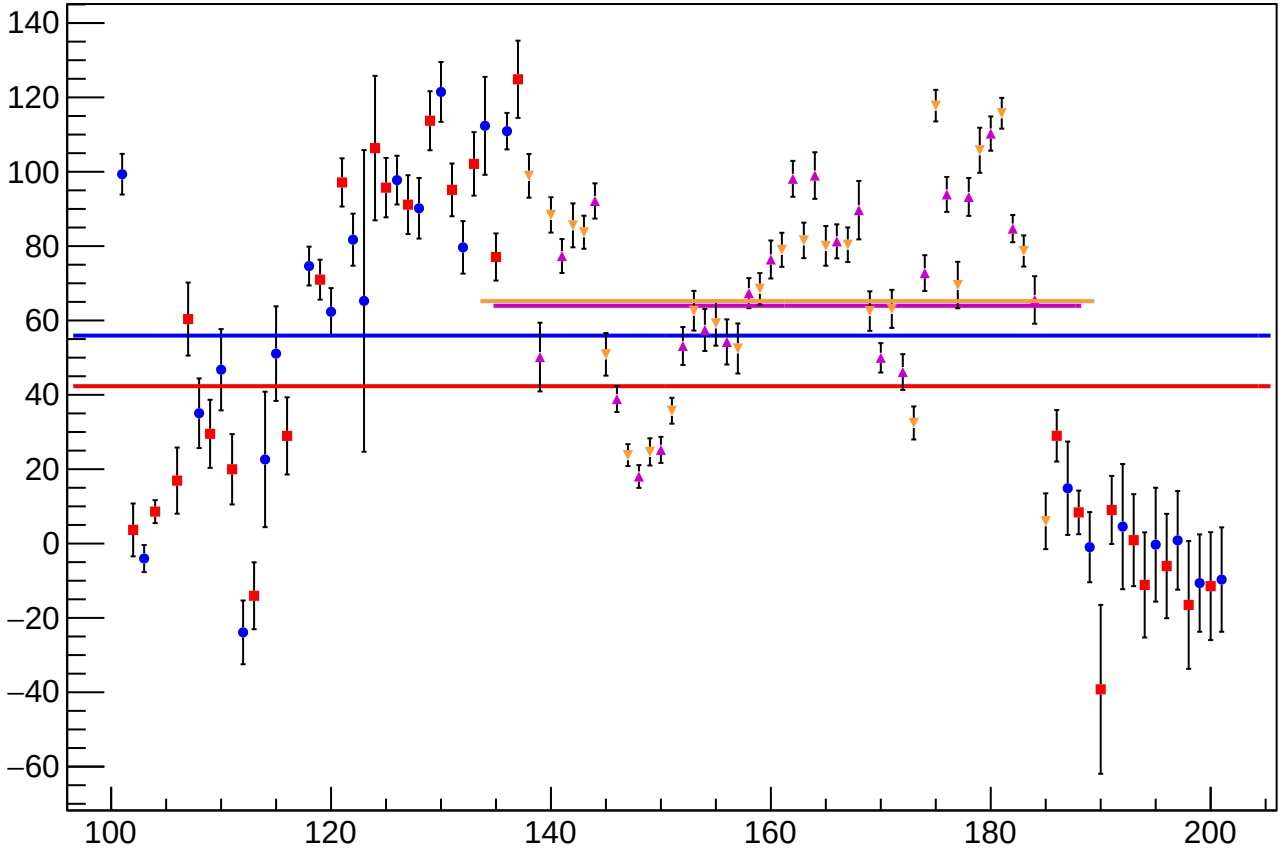
Right: 313.398+/-1.078 χ^2/NDF: 22700.6/50

In: 278.354+/-0.927 χ^2/NDF:12539.0/46

Out: 289.118+/-0.845 χ^2/NDF:17573.6/51

All: 284.230+/-0.625 χ^2/NDF: 30186.1/98

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.931+/-1.587 χ^2/NDF: 872.9/23

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 42.328+/-1.478 χ^2/NDF: 807.6/26

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

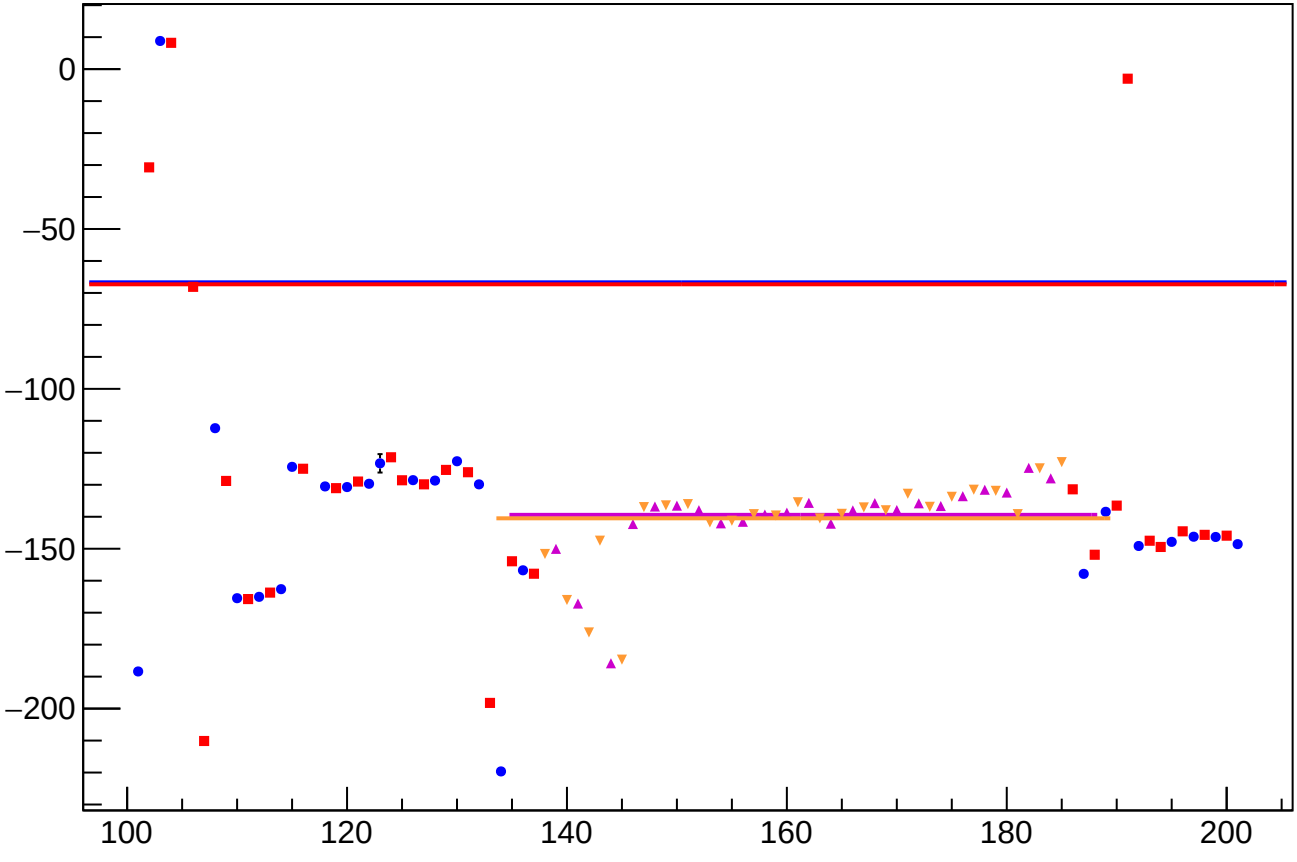
Right: 48.648+/-1.082 χ^2/NDF: 1719.8/50

In: 61.795+/-0.822 χ^2/NDF:1694.9/46

Out: 58.643+/-0.792 χ^2/NDF:1984.1/51

All: 60.161+/-0.570 χ^2/NDF: 3686.7/98

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -66.688+/-0.065 χ^2/NDF: 1478330.6/23

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -67.295+/-0.063 χ^2/NDF: 1320945.0/26

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

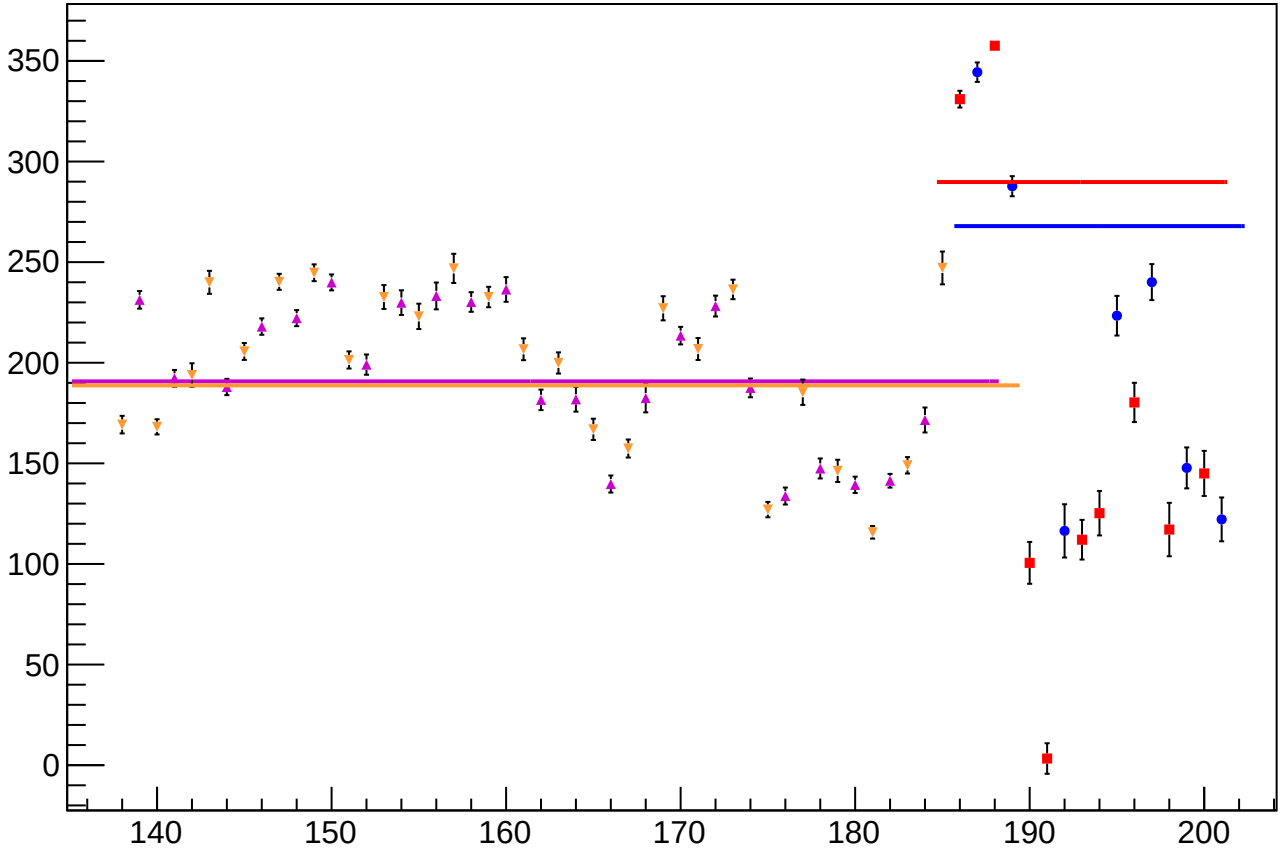
Right: -67.001+/-0.045 χ^2/NDF: 2799320.5/50

In: -116.027+/-0.037 χ^2/NDF:2386868.4/46

Out: -116.004+/-0.036 χ^2/NDF:2295554.0/51

All: -116.015+/-0.026 χ^2/NDF: 4682422.6/98

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 267.904+/-2.781 χ^2/NDF: 745.3/6

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 289.804+/-1.868 χ^2/NDF: 3594.5/8

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

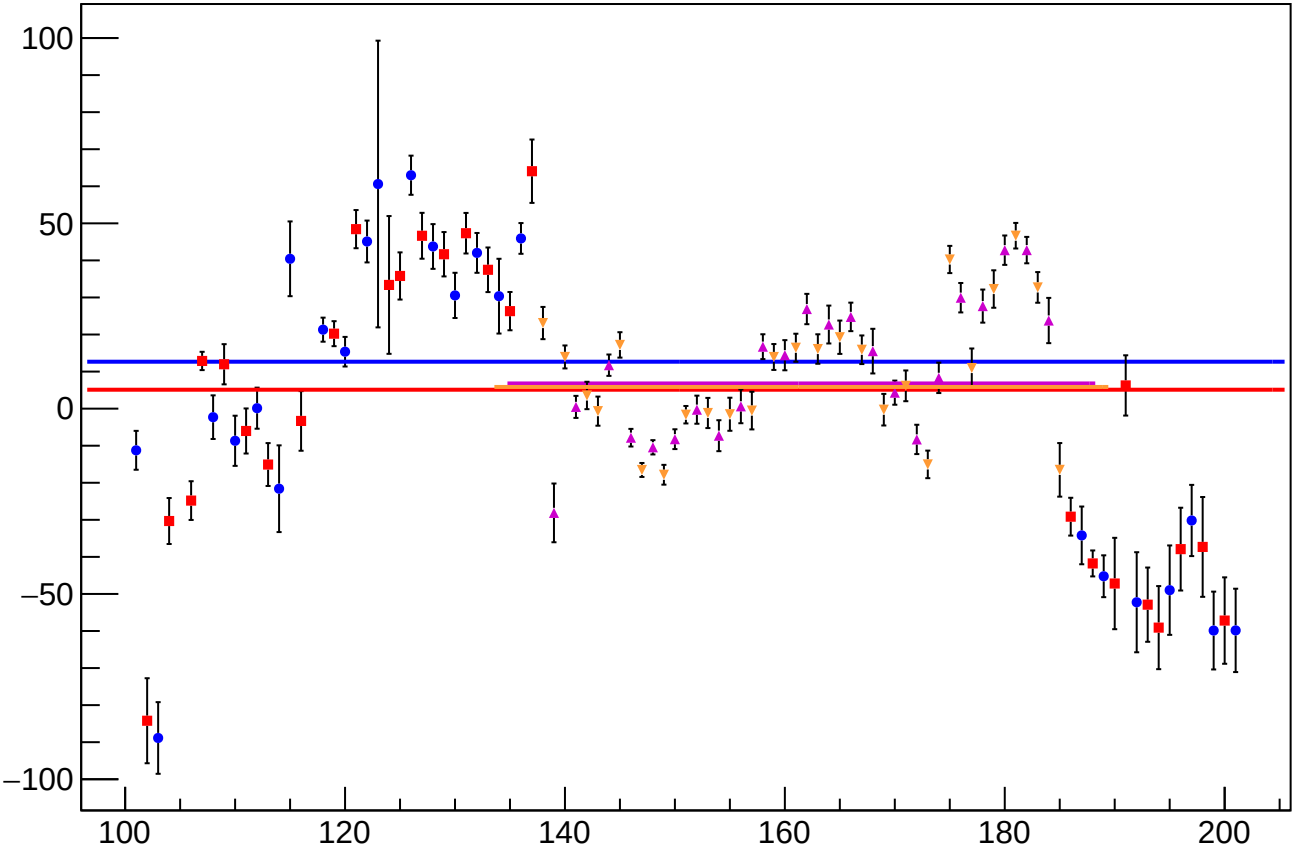
Right: 282.991+/-1.551 χ^2/NDF: 4382.6/15

In: 199.138+/-0.917 χ^2/NDF:2853.3/29

Out: 209.788+/-0.853 χ^2/NDF:7879.3/33

All: 204.849+/-0.624 χ^2/NDF: 10805.0/63

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.664+/-1.272 χ^2/NDF: 733.8/23

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 5.106+/-1.091 χ^2/NDF: 867.8/26

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

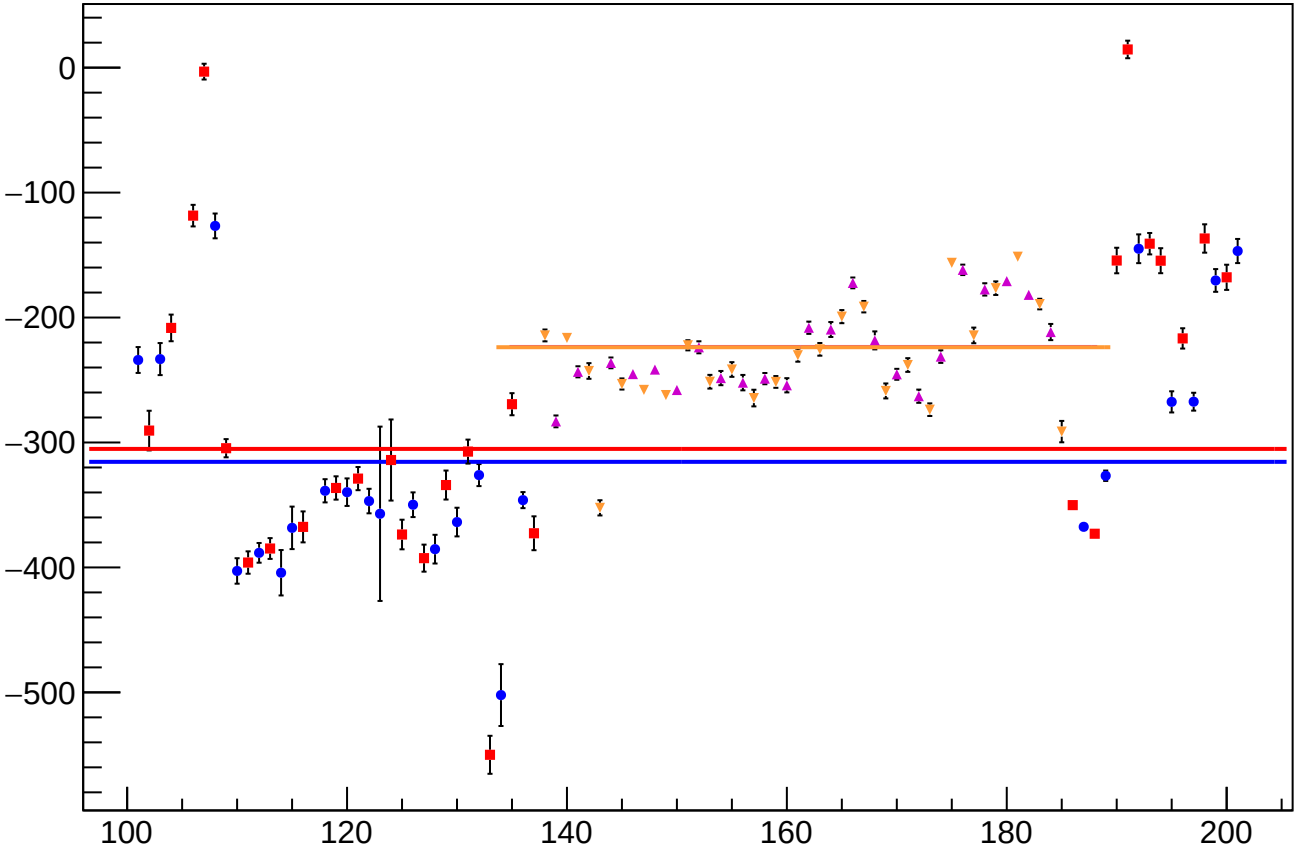
Right: 8.307+/-0.828 χ^2/NDF: 1621.9/50

In: 8.265+/-0.636 χ^2/NDF:1275.5/46

Out: 5.627+/-0.598 χ^2/NDF:1518.8/51

All: 6.863+/-0.436 χ^2/NDF: 2803.5/98

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -315.492+/-1.722 χ^2/NDF: 1860.9/23

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -305.138+/-1.282 χ^2/NDF: 8209.7/26

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

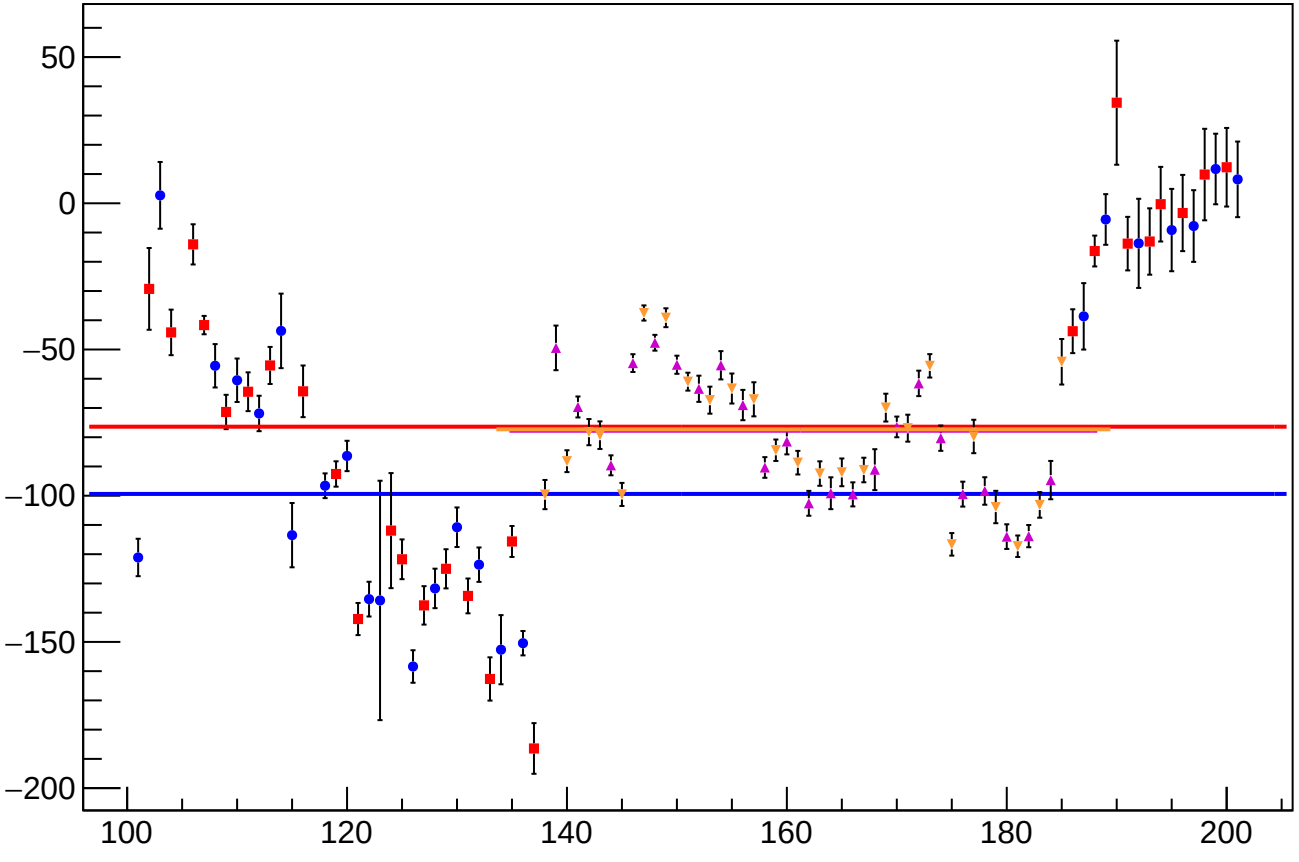
Right: -308.831+/-1.028 χ^2/NDF: 10093.9/50

In: -245.552+/-0.842 χ^2/NDF:5316.6/46

Out: -252.915+/-0.767 χ^2/NDF:12817.6/51

All: -249.575+/-0.567 χ^2/NDF: 18176.0/98

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -99.390+/-1.488 χ^2/NDF: 993.8/23

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -76.395+/-1.310 χ^2/NDF: 1435.4/26

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

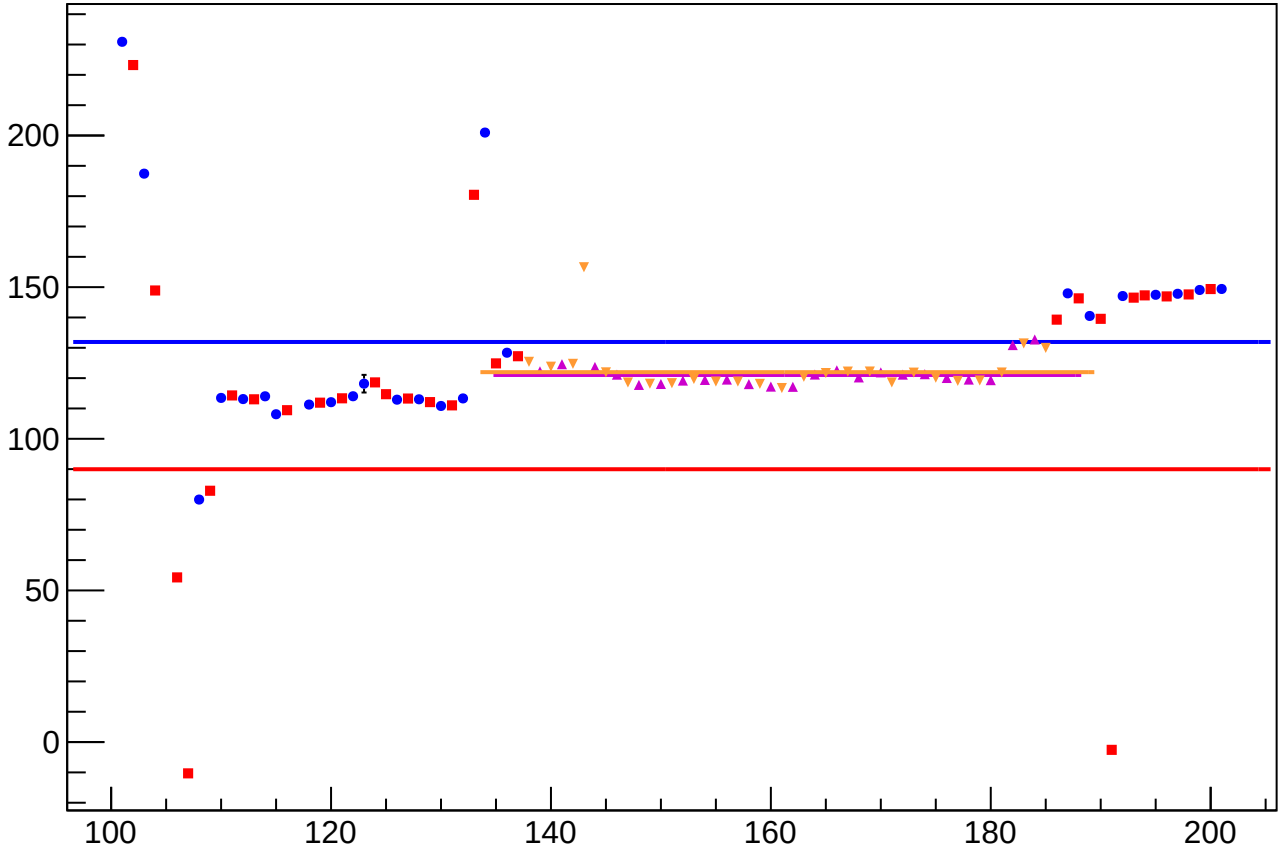
Right: -86.440+/-0.983 χ^2/NDF: 2563.7/50

In: -83.064+/-0.736 χ^2/NDF:1777.7/46

Out: -77.039+/-0.700 χ^2/NDF:2280.3/51

All: -79.903+/-0.507 χ^2/NDF: 4093.2/98

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 131.923+/-0.078 χ^2/NDF: 200345.8/23

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 89.964+/-0.064 χ^2/NDF: 1059525.4/26

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

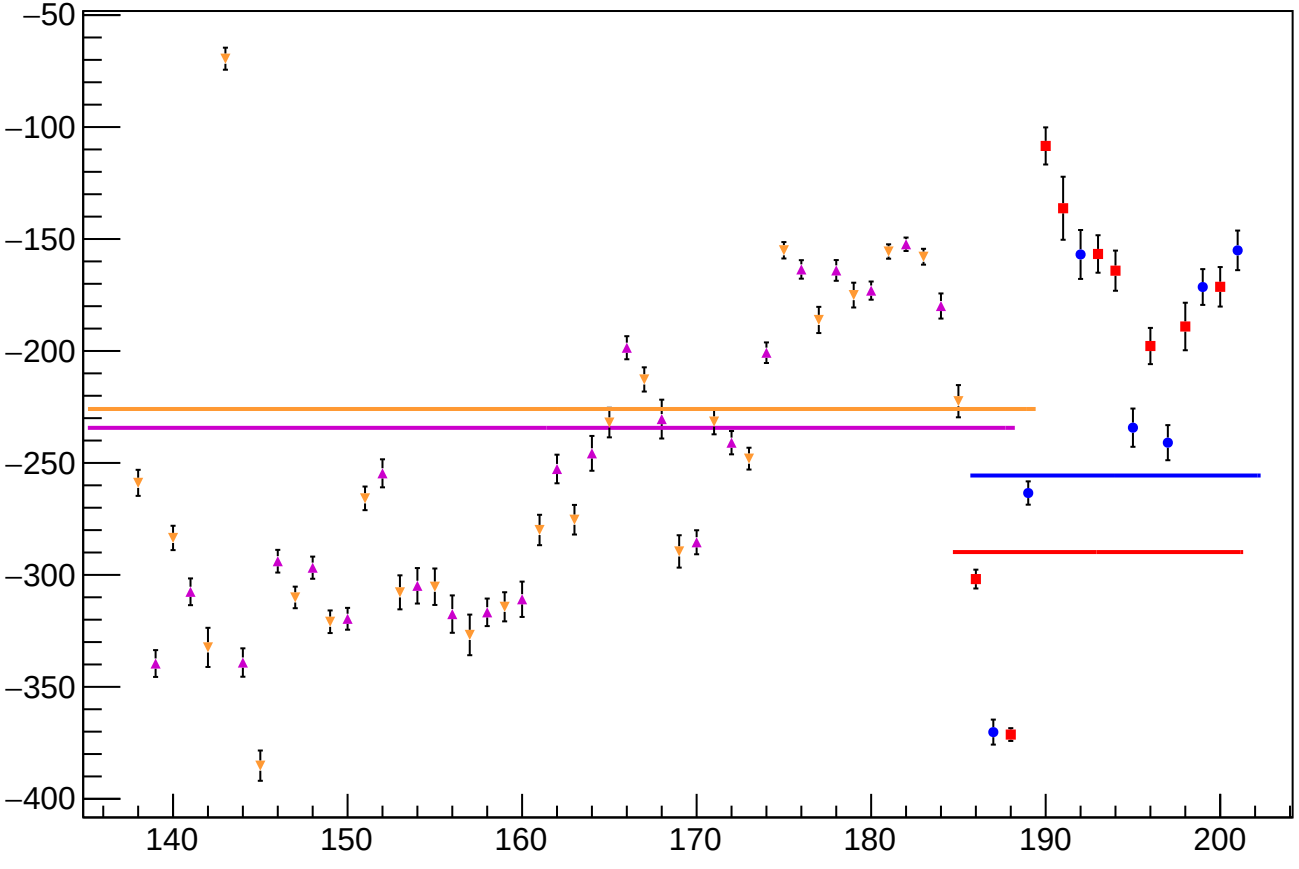
Right: 106.994+/-0.050 χ^2/NDF: 1433004.5/50

In: 123.284+/-0.035 χ^2/NDF:223804.3/46

Out: 113.194+/-0.034 χ^2/NDF:1267110.8/51

All: 118.002+/-0.024 χ^2/NDF: 1533779.8/98

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -255.619+/-2.714 χ^2/NDF: 755.1/6

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -289.801+/-1.951 χ^2/NDF: 2271.5/8

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

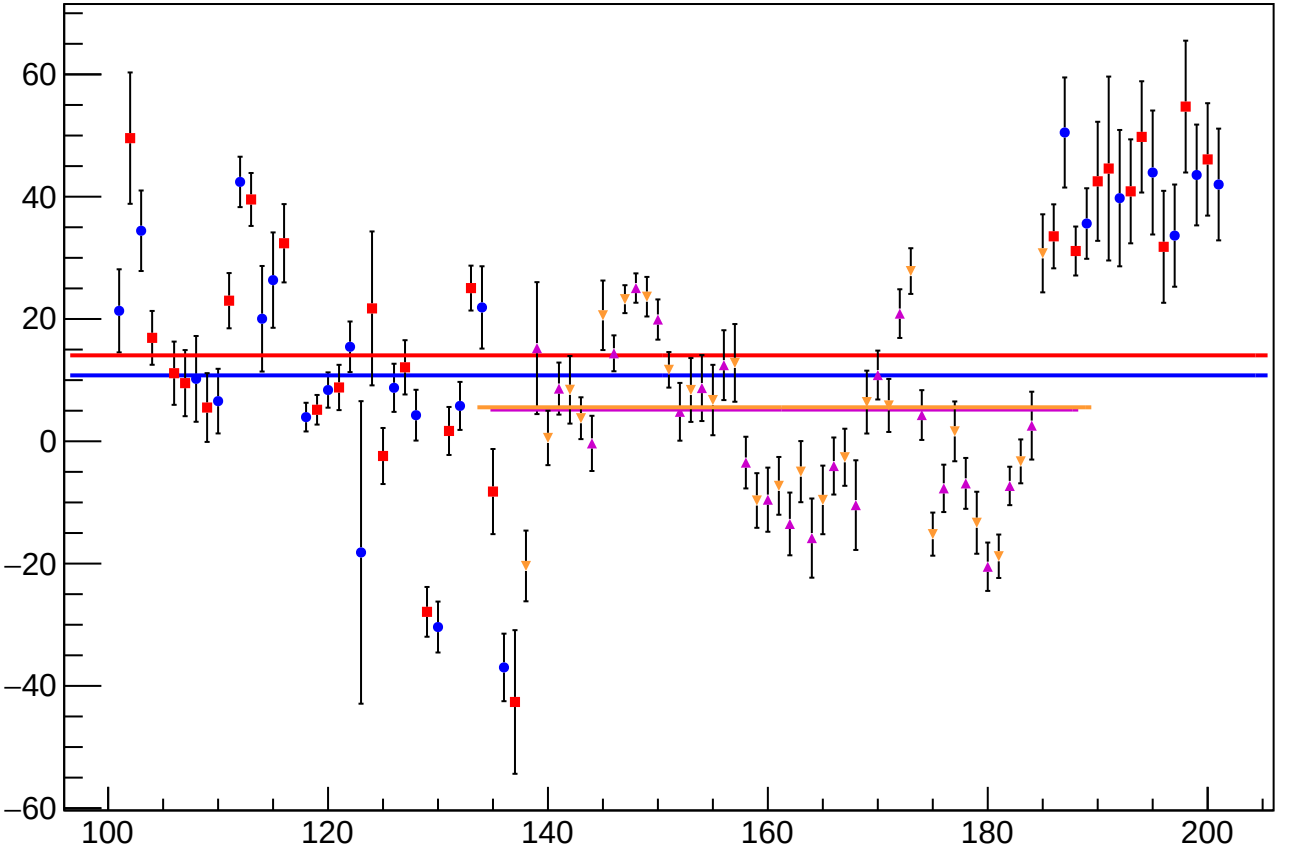
Right: -278.159+/-1.584 χ^2/NDF: 3131.2/15

In: -237.352+/-1.023 χ^2/NDF:4399.8/29

Out: -240.971+/-0.947 χ^2/NDF:7760.7/33

All: -239.300+/-0.695 χ^2/NDF: 12167.2/63

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.779+/-1.024 χ^2/NDF: 361.9/23

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 14.053+/-0.982 χ^2/NDF: 349.3/26

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

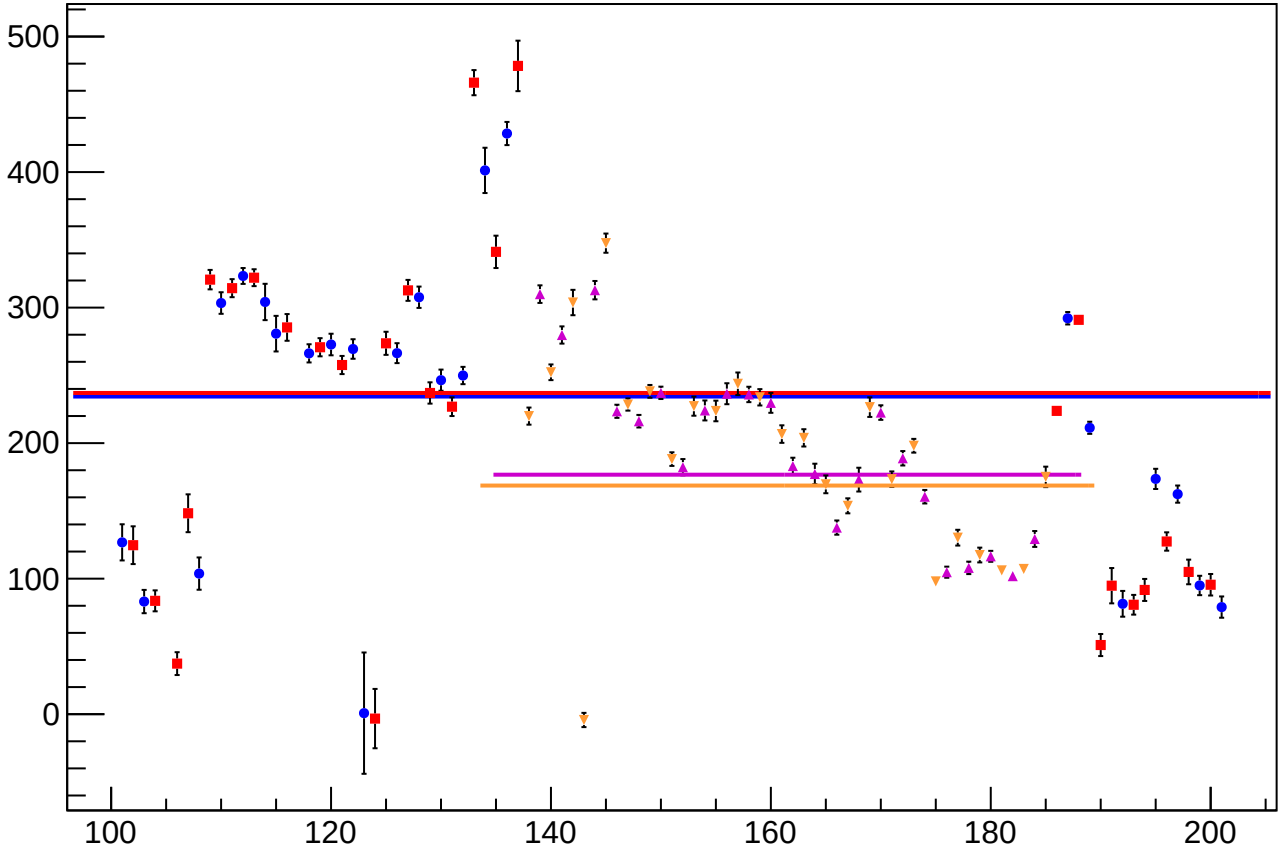
Right: 12.486+/-0.709 χ^2/NDF: 716.5/50

In: 7.519+/-0.662 χ^2/NDF:622.4/46

Out: 9.110+/-0.635 χ^2/NDF:706.3/51

All: 8.347+/-0.458 χ^2/NDF: 1331.7/98

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 234.377+/-1.542 χ^2/NDF: 3077.3/23

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 237.016+/-1.253 χ^2/NDF: 5445.3/26

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

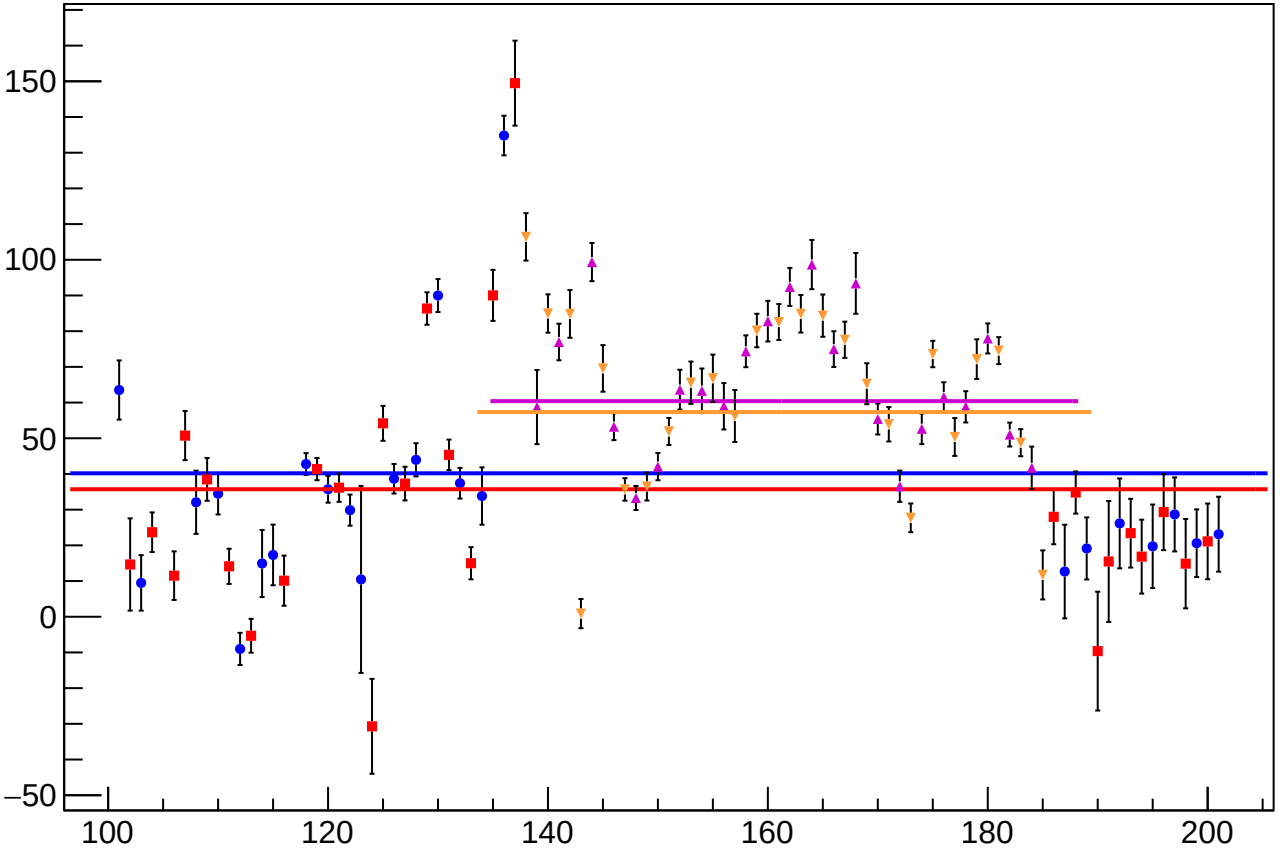
Right: 235.967+/-0.972 χ^2/NDF: 8524.3/50

In: 196.203+/-0.897 χ^2/NDF:7237.4/46

Out: 198.027+/-0.821 χ^2/NDF:11381.0/51

All: 197.195+/-0.605 χ^2/NDF: 18620.6/98

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.184+/-1.198 χ^2/NDF: 600.4/23

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 35.719+/-1.155 χ^2/NDF: 494.1/26

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

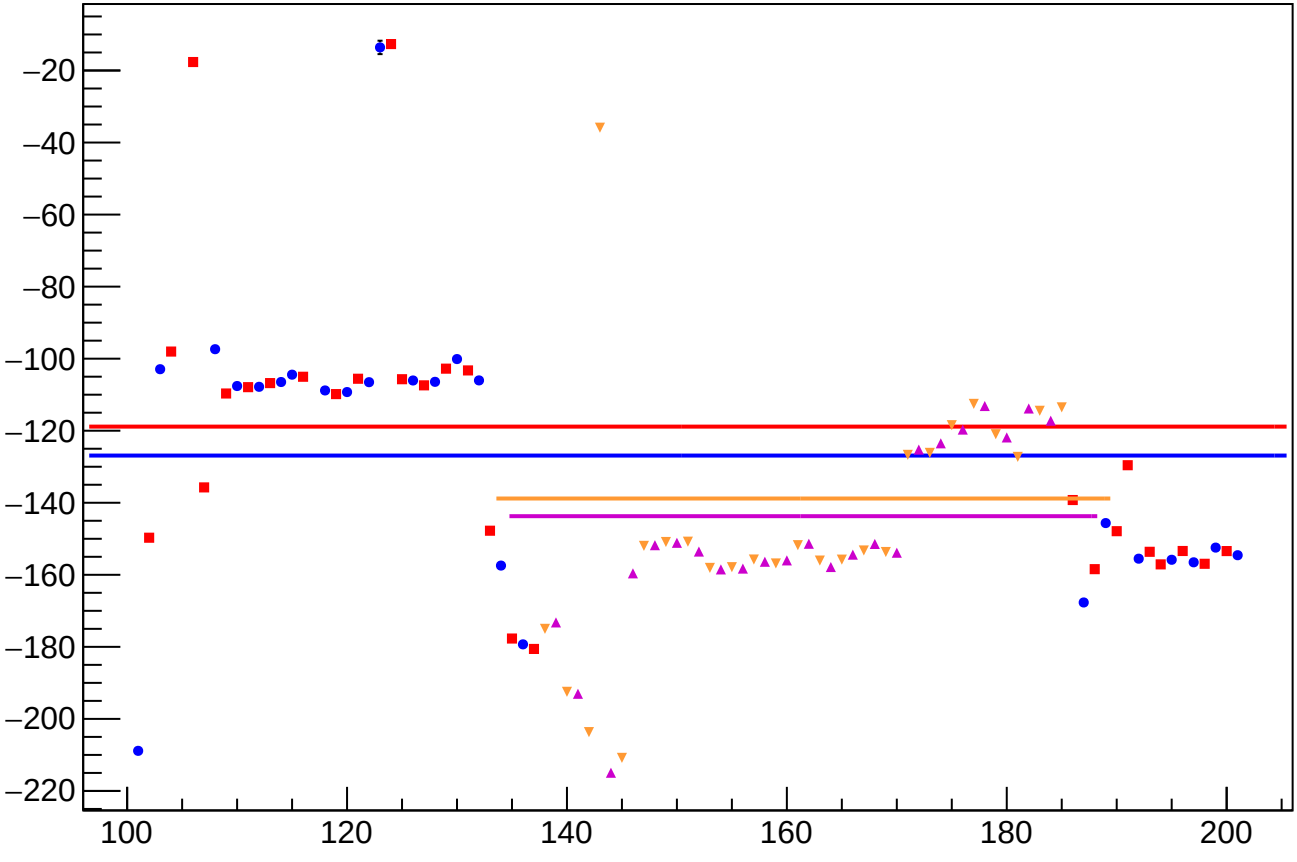
Right: 37.870+/-0.831 χ^2/NDF: 1101.6/50

In: 52.221+/-0.762 χ^2/NDF:1111.1/46

Out: 48.549+/-0.736 χ^2/NDF:1343.5/51

All: 50.323+/-0.530 χ^2/NDF: 2466.6/98

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -126.897+/-0.067 χ^2/NDF: 199032.9/23

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -118.860+/-0.062 χ^2/NDF: 439284.3/26

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

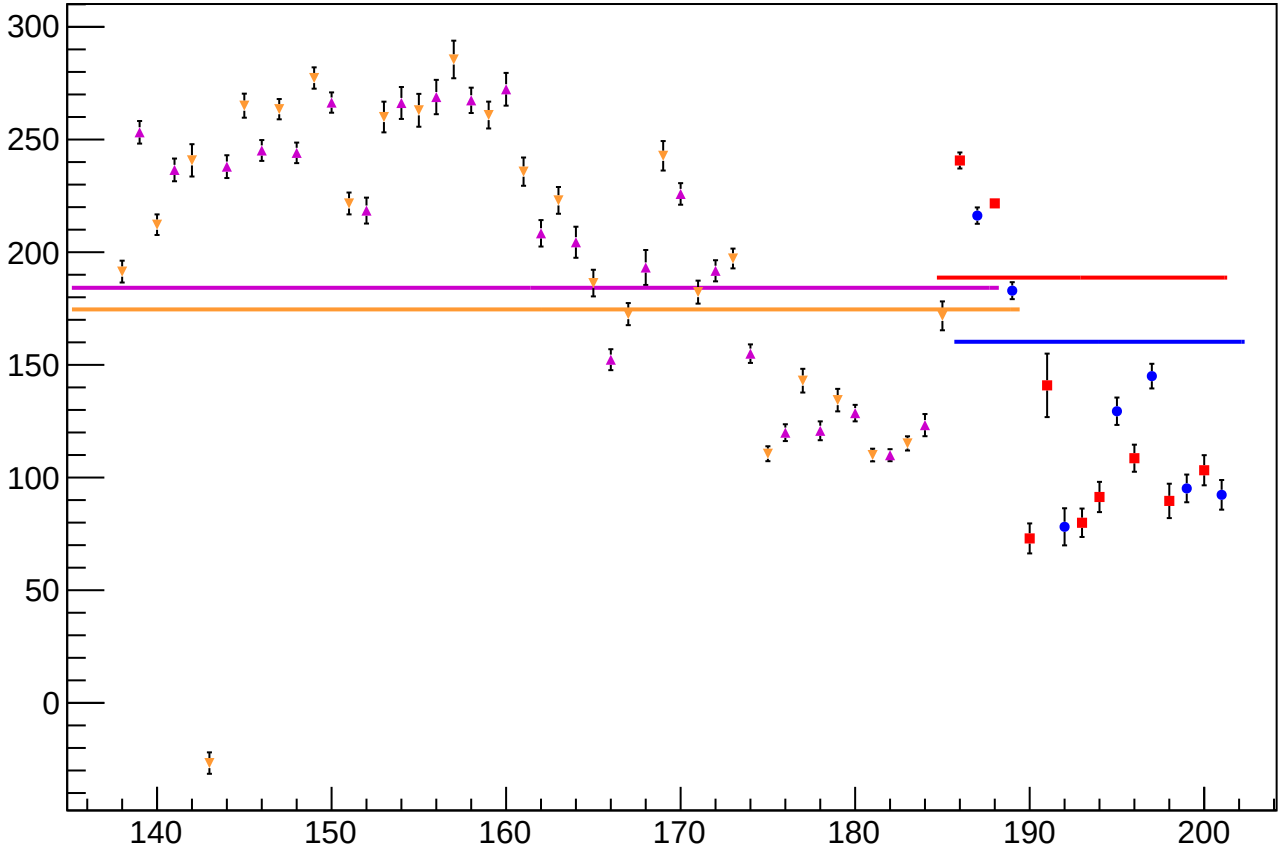
Right: -122.543+/-0.045 χ^2/NDF: 646071.0/50

In: -138.368+/-0.038 χ^2/NDF:502808.0/46

Out: -131.842+/-0.037 χ^2/NDF:1032695.0/51

All: -134.986+/-0.026 χ^2/NDF: 1550871.0/98

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.255+/-1.920 χ^2/NDF: 625.6/6

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 188.730+/-1.402 χ^2/NDF: 1857.6/8

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

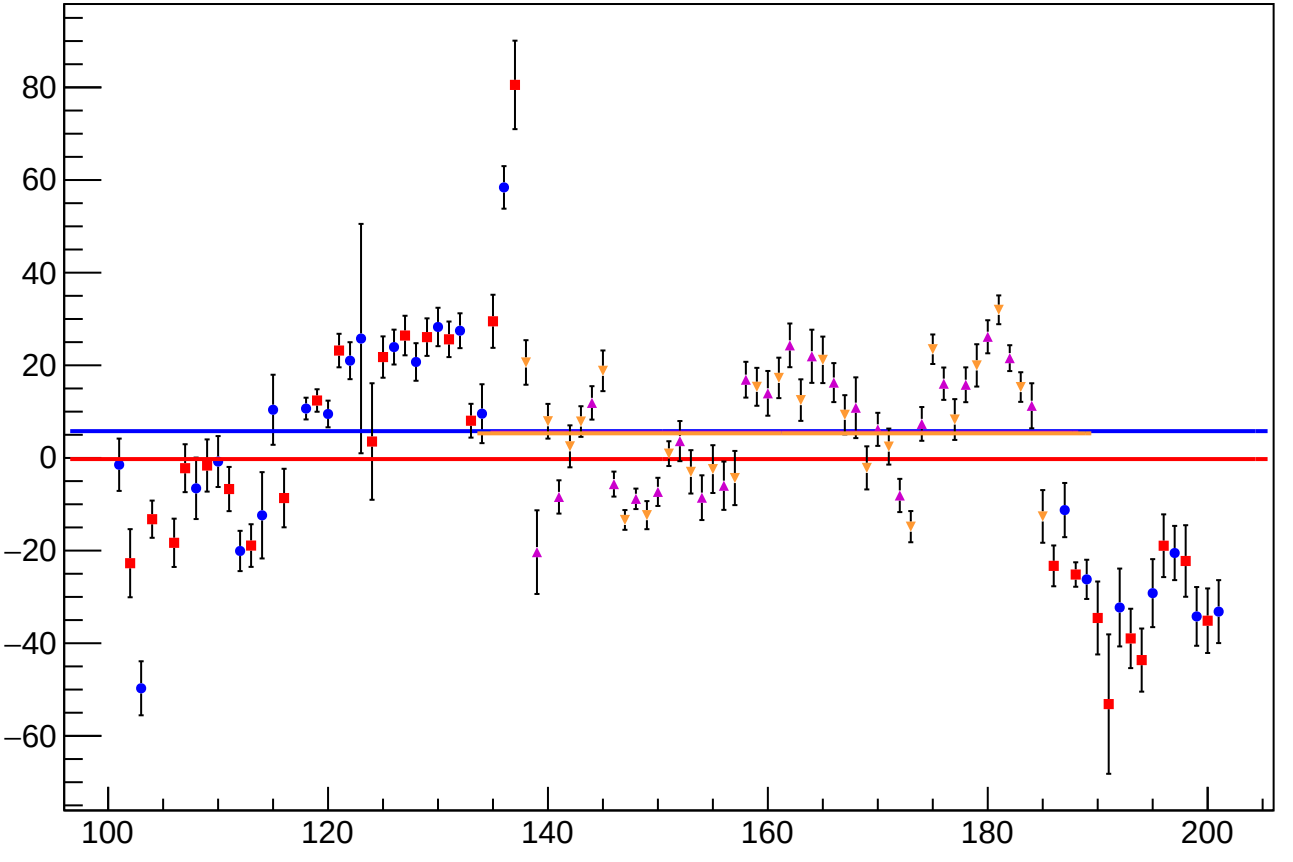
Right: 178.833+/-1.132 χ^2/NDF: 2626.6/15

In: 179.202+/-0.878 χ^2/NDF:4385.7/29

Out: 179.178+/-0.797 χ^2/NDF:7477.5/33

All: 179.189+/-0.590 χ^2/NDF: 11863.2/63

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.789+/-0.957 χ^2/NDF: 590.6/23

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: -0.241+/-0.903 χ^2/NDF: 641.6/26

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

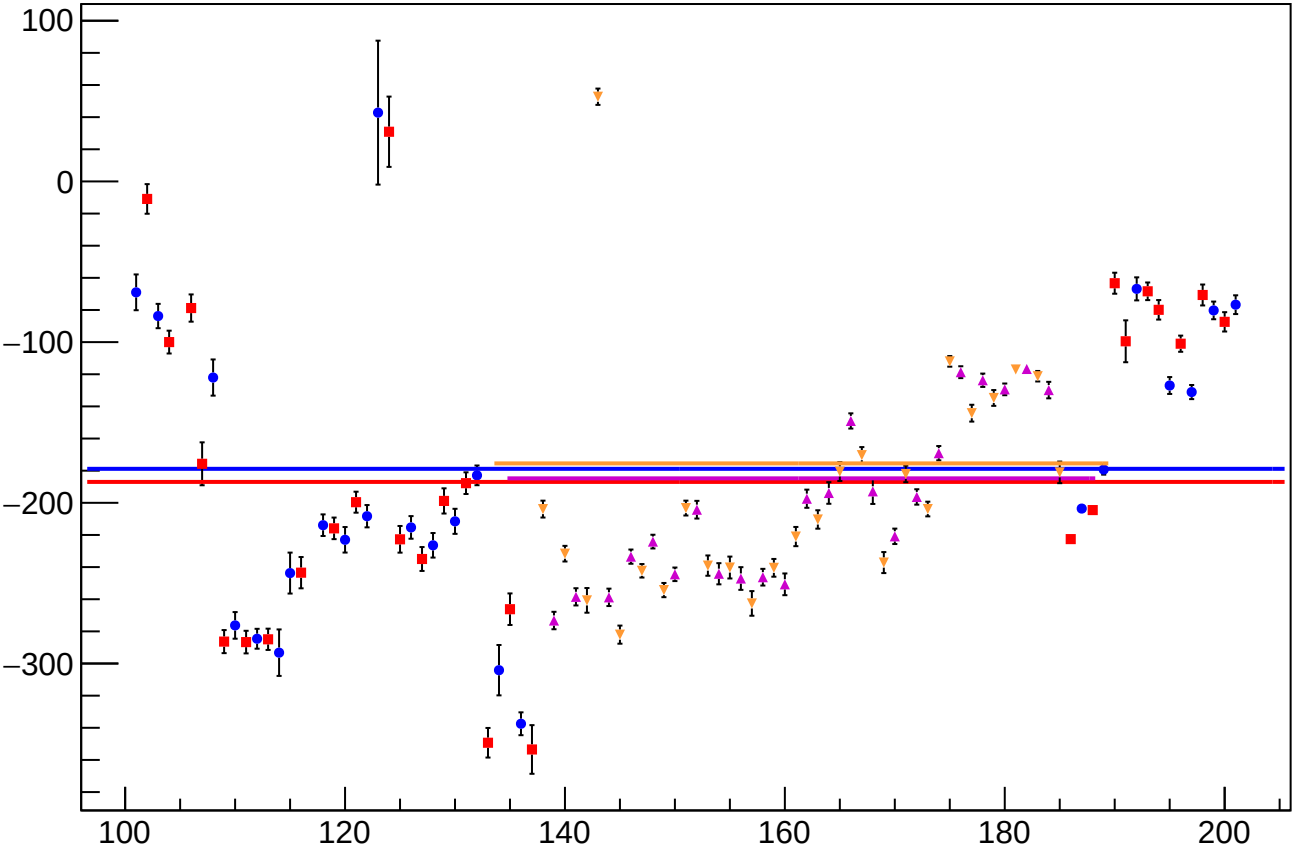
Right: 2.598+/-0.657 χ^2/NDF: 1253.1/50

In: 5.605+/-0.604 χ^2/NDF:849.7/46

Out: 3.045+/-0.577 χ^2/NDF:1009.0/51

All: 4.267+/-0.417 χ^2/NDF: 1868.2/98

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -178.846+/-1.259 χ^2/NDF: 2701.6/23

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -186.990+/-0.991 χ^2/NDF: 4365.0/26

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

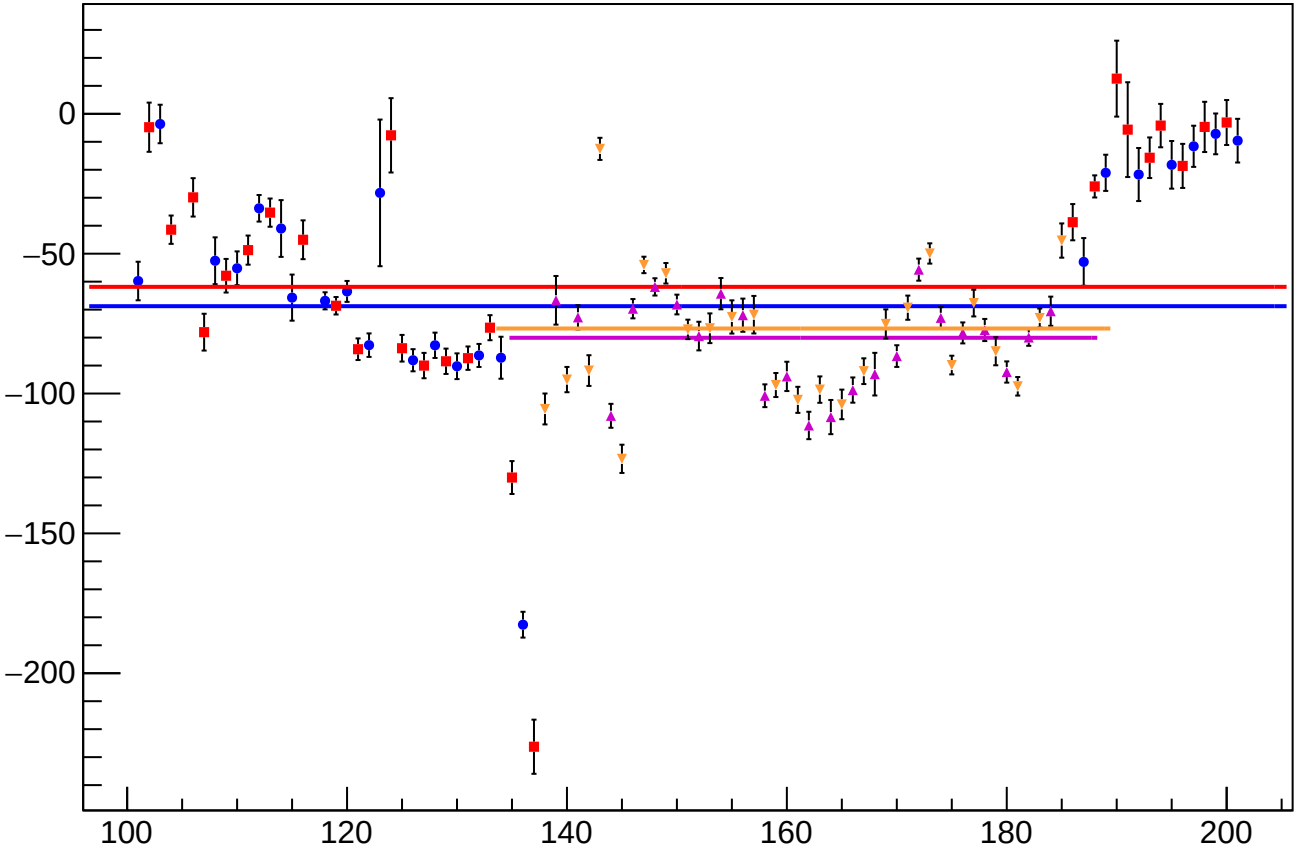
Right: -183.875+/-0.779 χ^2/NDF: 7092.4/50

In: -182.518+/-0.777 χ^2/NDF:5797.7/46

Out: -181.130+/-0.695 χ^2/NDF:9537.5/51

All: -181.747+/-0.518 χ^2/NDF: 15337.0/98

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.775+/-1.126 χ^2/NDF: 1173.4/23

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -61.857+/-1.078 χ^2/NDF: 1102.3/26

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

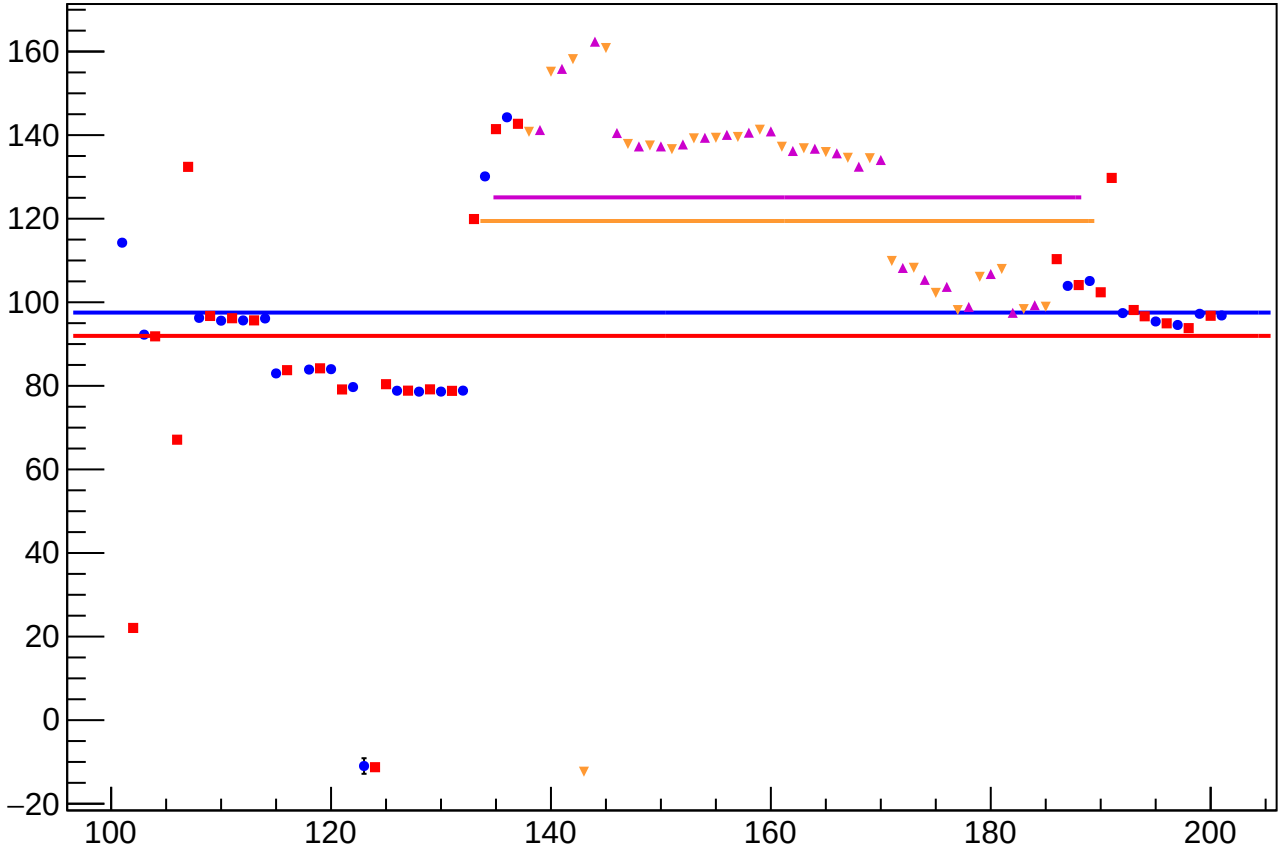
Right: -65.166+/-0.779 χ^2/NDF: 2295.4/50

In: -75.748+/-0.696 χ^2/NDF:1522.3/46

Out: -70.952+/-0.673 χ^2/NDF:1965.6/51

All: -73.266+/-0.484 χ^2/NDF: 3512.5/98

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.532+/-0.059 χ^2/NDF: 95539.6/23

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 91.955+/-0.054 χ^2/NDF: 240524.9/26

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

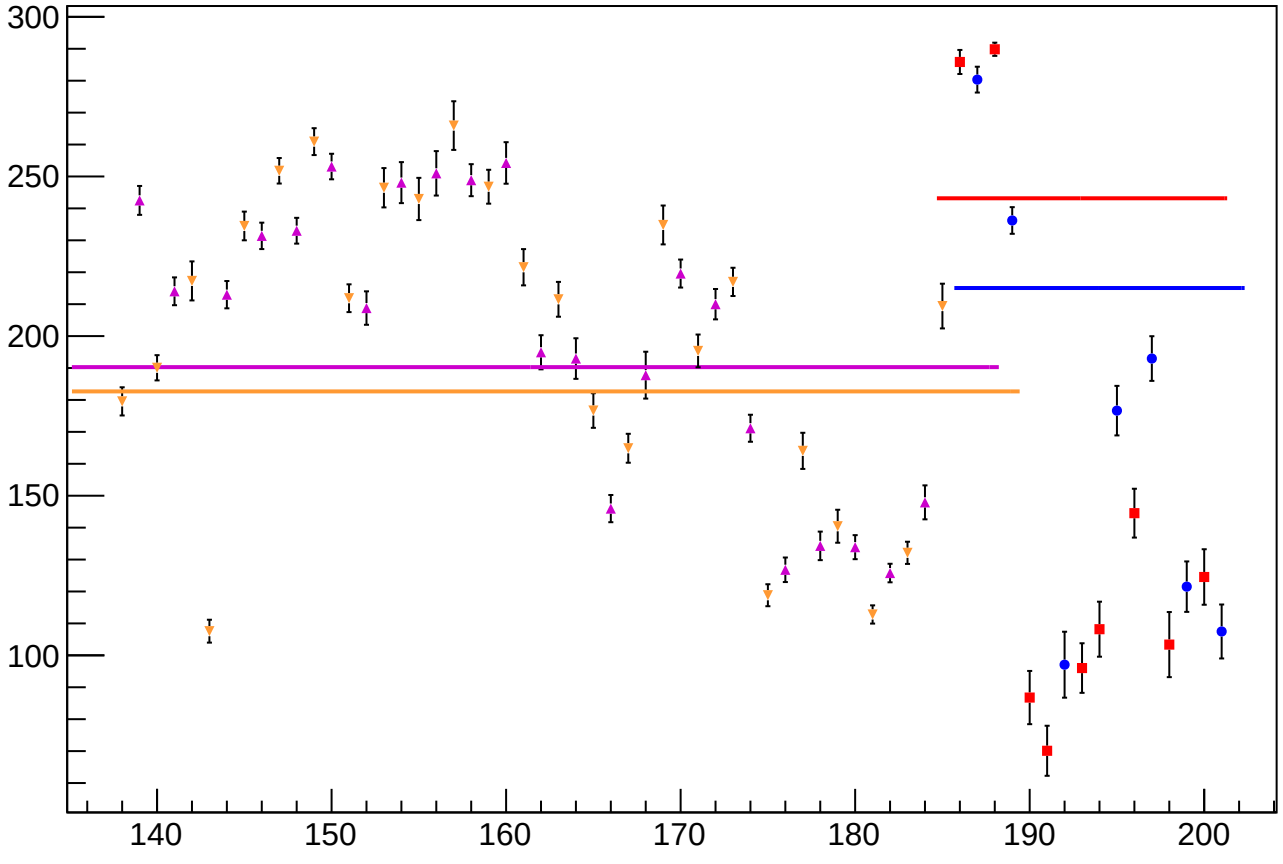
Right: 94.504+/-0.040 χ^2/NDF: 340918.6/50

In: 116.090+/-0.034 χ^2/NDF:465421.0/46

Out: 109.538+/-0.032 χ^2/NDF:1065673.5/51

All: 112.692+/-0.023 χ^2/NDF: 1550674.4/98

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 215.060+/-2.265 χ^2/NDF: 753.0/6

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 243.166+/-1.571 χ^2/NDF: 2622.2/8

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

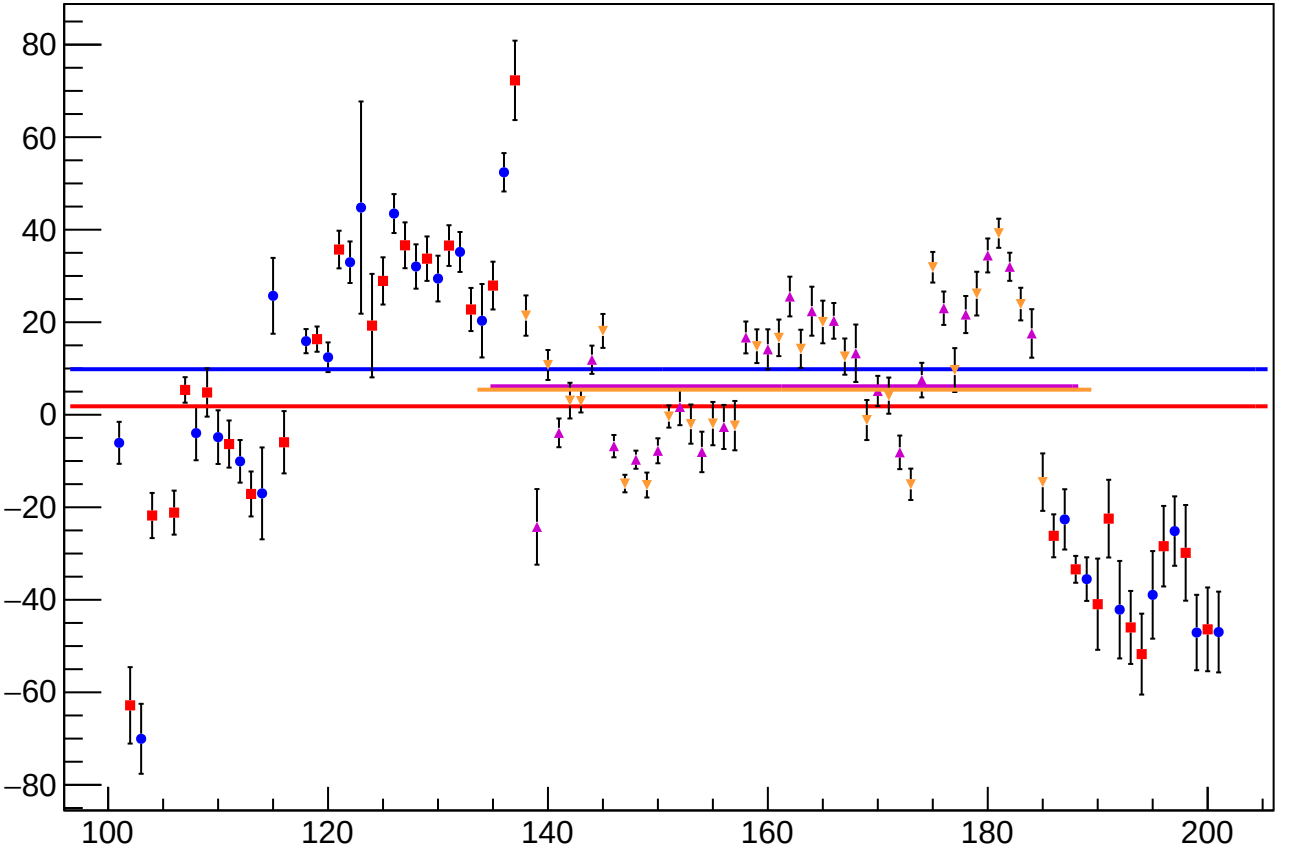
Right: 234.035+/-1.291 χ^2/NDF: 3479.0/15

In: 193.978+/-0.875 χ^2/NDF:3307.6/29

Out: 198.077+/-0.793 χ^2/NDF:6957.4/33

All: 196.229+/-0.588 χ^2/NDF: 10277.1/63

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.843+/-1.057 χ^2/NDF: 724.4/23

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 1.825+/-0.954 χ^2/NDF: 861.1/26

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

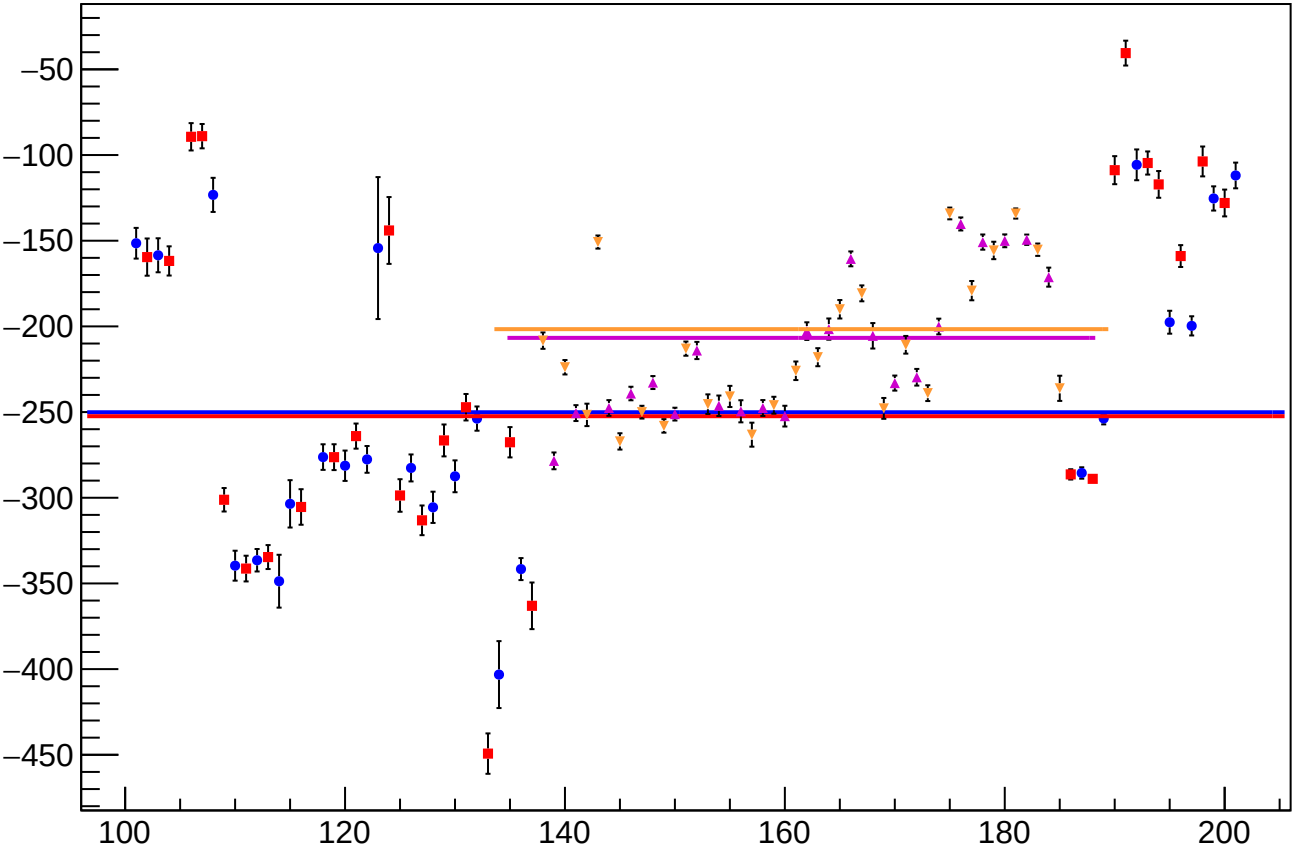
Right: 5.424+/-0.708 χ^2/NDF: 1617.2/50

In: 7.344+/-0.601 χ^2/NDF:1143.2/46

Out: 4.182+/-0.560 χ^2/NDF:1395.6/51

All: 5.653+/-0.410 χ^2/NDF: 2553.6/98

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -250.105+/-1.428 χ^2/NDF: 2247.4/23

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -252.413+/-1.089 χ^2/NDF: 5266.8/26

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

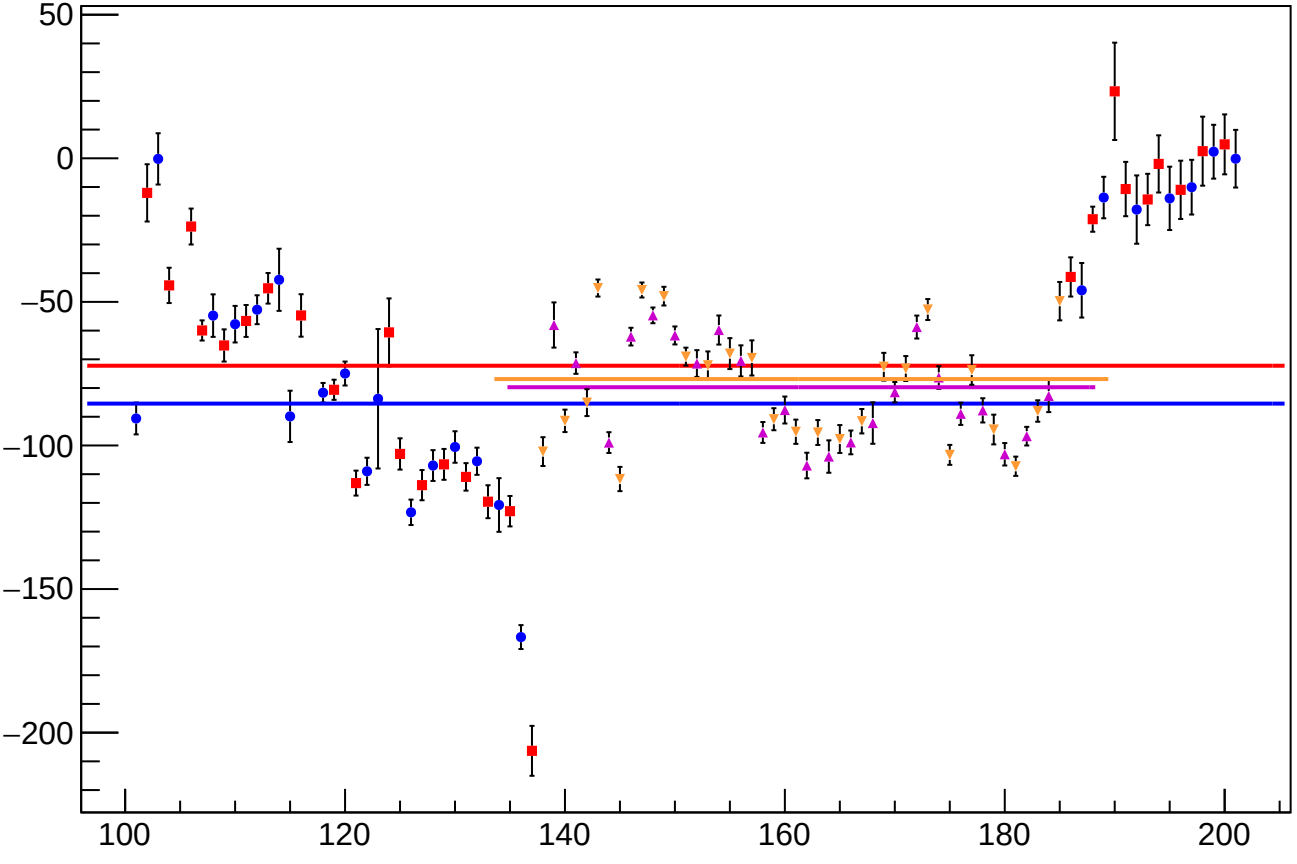
Right: -251.564+/-0.866 χ^2/NDF: 7515.8/50

In: -219.939+/-0.789 χ^2/NDF:5024.3/46

Out: -222.831+/-0.704 χ^2/NDF:8996.1/51

All: -221.549+/-0.525 χ^2/NDF: 14027.9/98

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -85.422+/-1.241 χ^2/NDF: 1141.5/23

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -72.234+/-1.142 χ^2/NDF: 1315.8/26

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

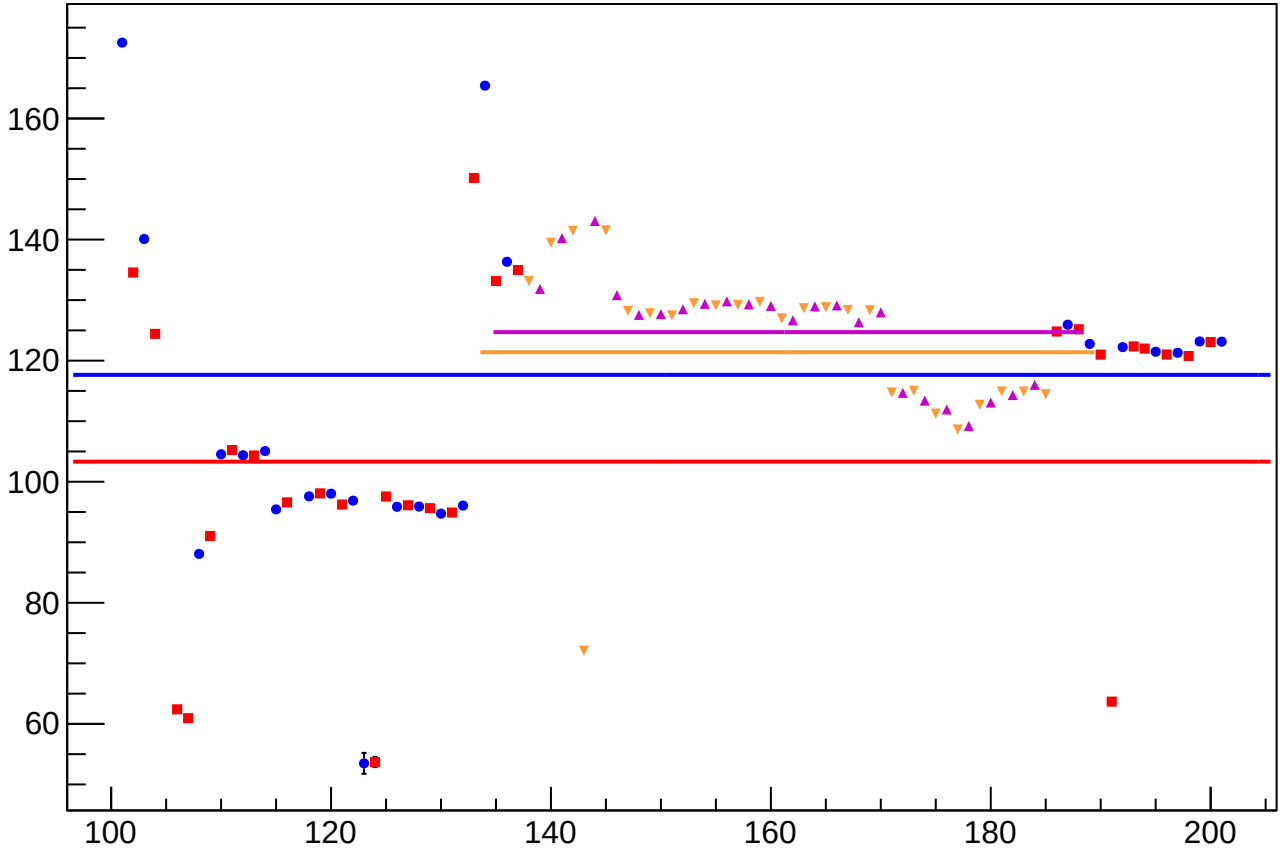
Right: -78.282+/-0.840 χ^2/NDF: 2518.5/50

In: -81.504+/-0.694 χ^2/NDF:1571.1/46

Out: -75.339+/-0.656 χ^2/NDF:2085.6/51

All: -78.248+/-0.477 χ^2/NDF: 3698.4/98

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.653+/-0.066 χ^2/NDF: 108659.4/23

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 103.319+/-0.057 χ^2/NDF: 228724.9/26

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

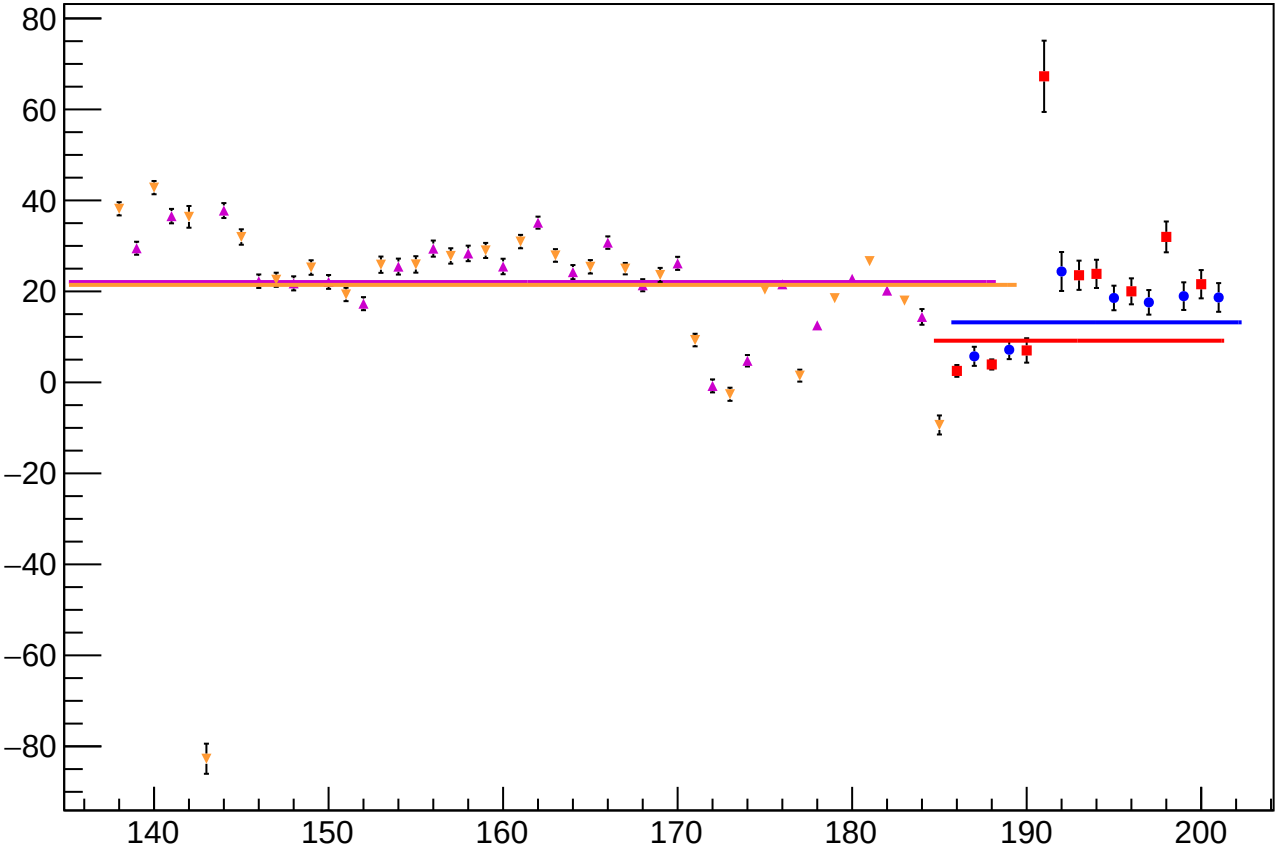
Right: 109.430+/-0.043 χ^2/NDF: 364250.0/50

In: 122.891+/-0.034 χ^2/NDF:168841.4/46

Out: 115.788+/-0.032 χ^2/NDF:462692.4/51

All: 119.136+/-0.023 χ^2/NDF: 655076.2/98

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.199+/-1.000 χ^2/NDF: 41.2/6

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 9.163+/-0.695 χ^2/NDF: 222.2/8

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

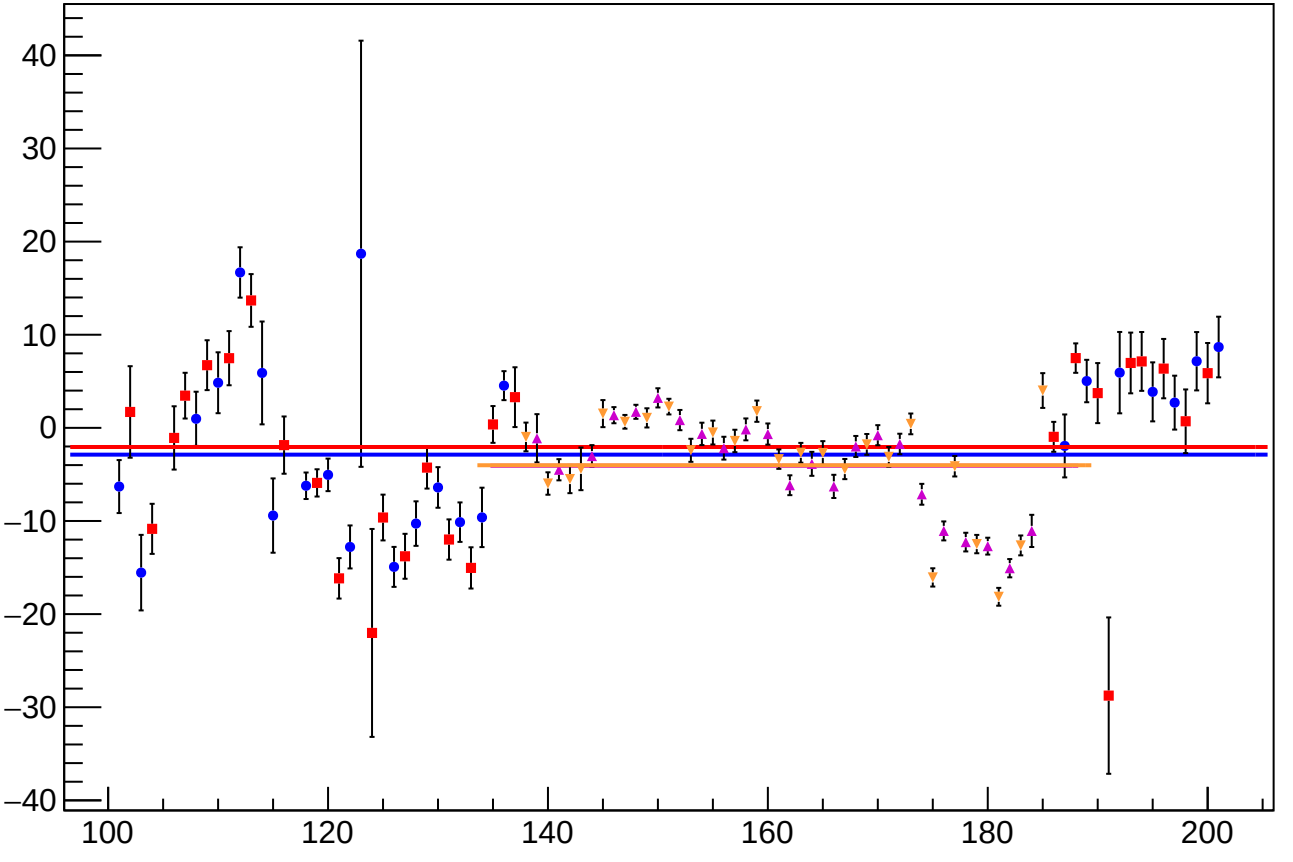
Right: 10.478+/-0.571 χ^2/NDF: 274.4/15

In: 21.392+/-0.273 χ^2/NDF:1055.1/29

Out: 19.693+/-0.262 χ^2/NDF:2896.1/33

All: 20.506+/-0.189 χ^2/NDF: 3971.4/63

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.877+/-0.518 χ^2/NDF: 232.4/23

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.055+/-0.483 χ^2/NDF: 295.0/26

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

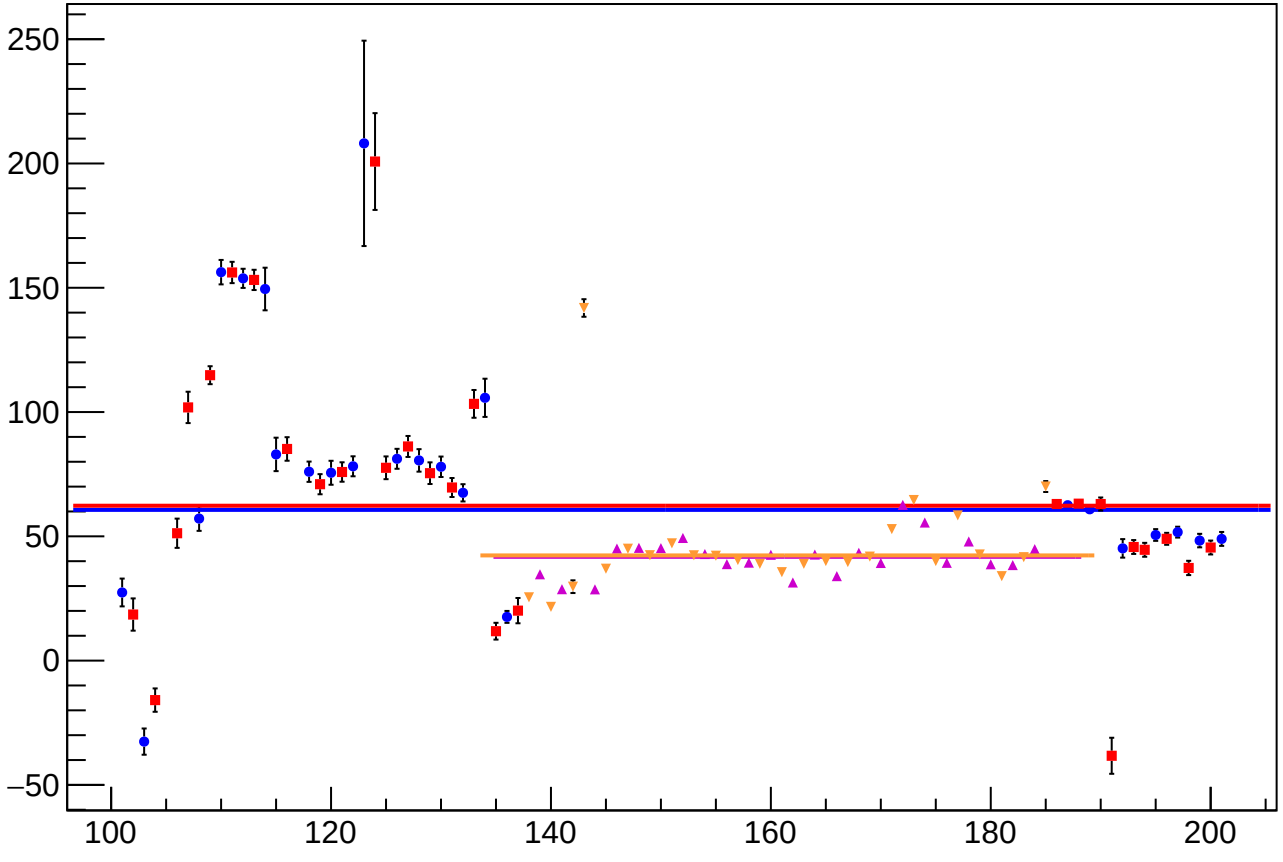
Right: -2.437+/-0.353 χ^2/NDF: 528.8/50

In: -3.877+/-0.208 χ^2/NDF:816.9/46

Out: -3.670+/-0.203 χ^2/NDF:1040.3/51

All: -3.771+/-0.145 χ^2/NDF: 1857.6/98

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 60.640+/-0.668 χ^2/NDF: 2000.4/23

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 62.315+/-0.508 χ^2/NDF: 2458.6/26

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

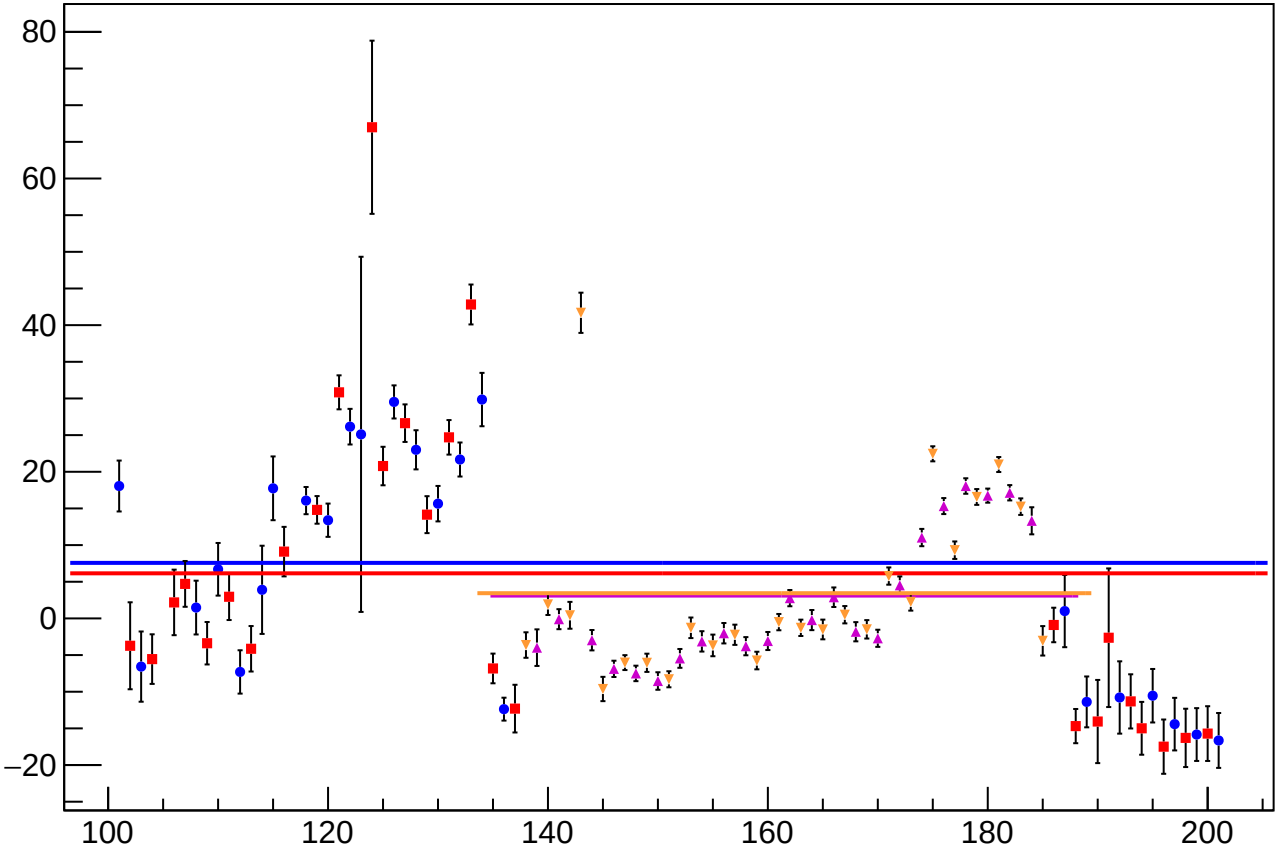
Right: 61.701+/-0.404 χ^2/NDF: 4463.0/50

In: 44.627+/-0.261 χ^2/NDF:3337.2/46

Out: 47.035+/-0.247 χ^2/NDF:5498.3/51

All: 45.898+/-0.179 χ^2/NDF: 8880.6/98

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.575+/-0.600 χ^2/NDF: 707.0/23

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 6.149+/-0.575 χ^2/NDF: 888.1/26

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

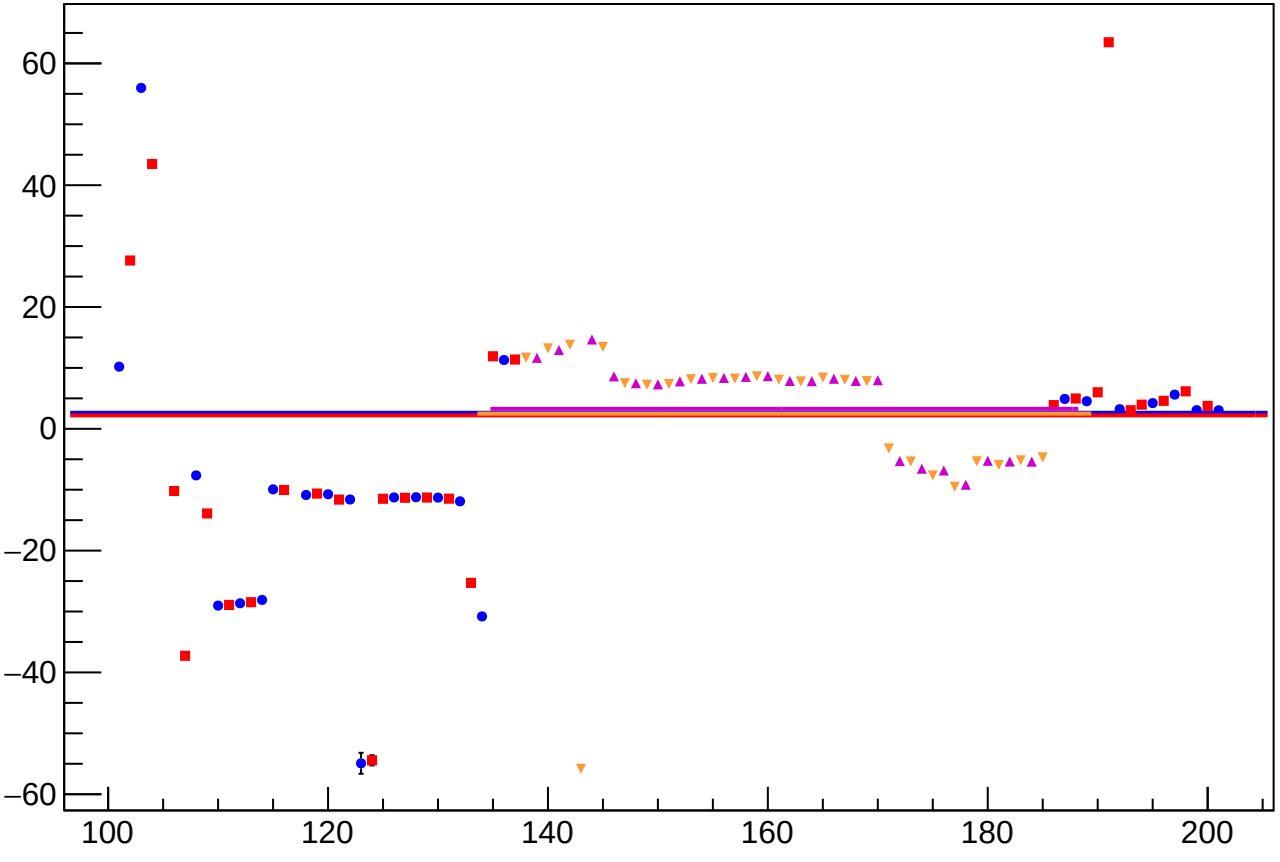
Right: 6.831+/-0.415 χ^2/NDF: 1598.0/50

In: 3.802+/-0.236 χ^2/NDF:2026.7/46

Out: 3.878+/-0.231 χ^2/NDF:2554.4/51

All: 3.840+/-0.165 χ^2/NDF: 4581.2/98

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.631+/-0.029 χ^2/NDF: 360980.0/23

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 2.203+/-0.028 χ^2/NDF: 425392.3/26

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

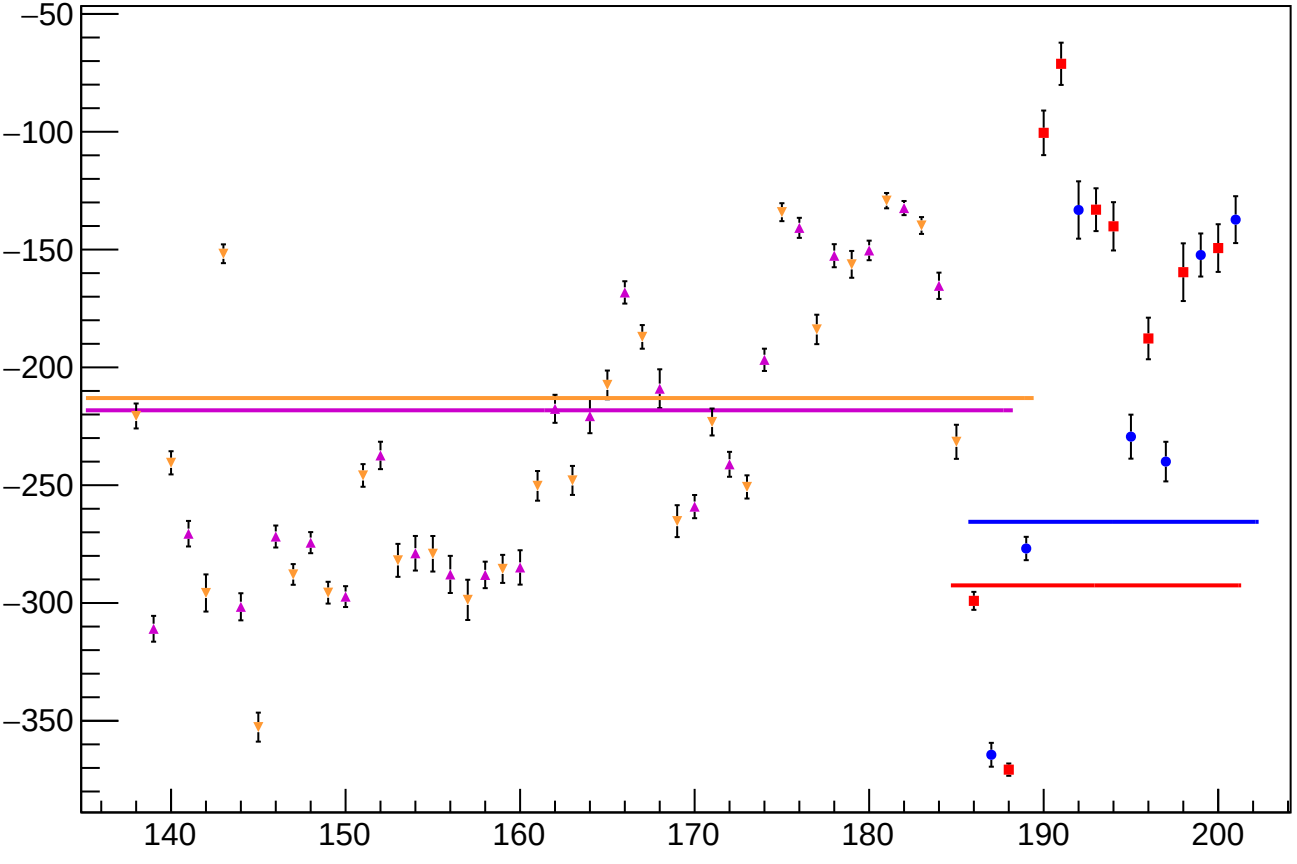
Right: 2.407+/-0.020 χ^2/NDF: 786484.6/50

In: 3.193+/-0.011 χ^2/NDF:771012.5/46

Out: 2.453+/-0.011 χ^2/NDF:1013625.3/51

All: 2.820+/-0.008 χ^2/NDF: 1787008.2/98

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -265.542+/-2.730 χ^2/NDF: 848.9/6

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -292.521+/-1.857 χ^2/NDF: 2909.0/8

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

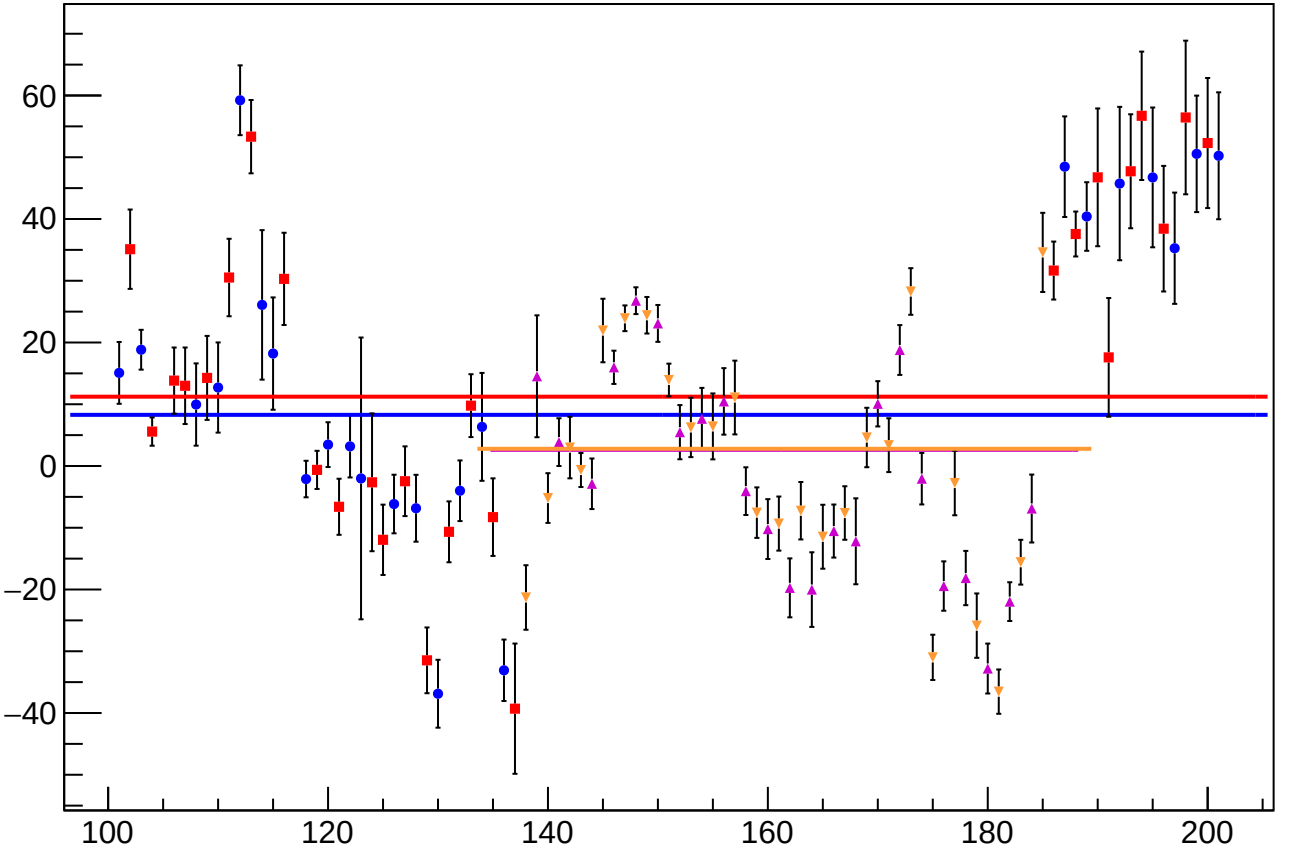
Right: -283.984+/-1.535 χ^2/NDF: 3824.7/15

In: -224.447+/-0.990 χ^2/NDF:4608.9/29

Out: -231.874+/-0.904 χ^2/NDF:8133.3/33

All: -228.497+/-0.668 χ^2/NDF: 12772.8/63

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.285+/-1.146 χ^2/NDF: 397.1/23

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 11.225+/-1.038 χ^2/NDF: 409.9/26

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

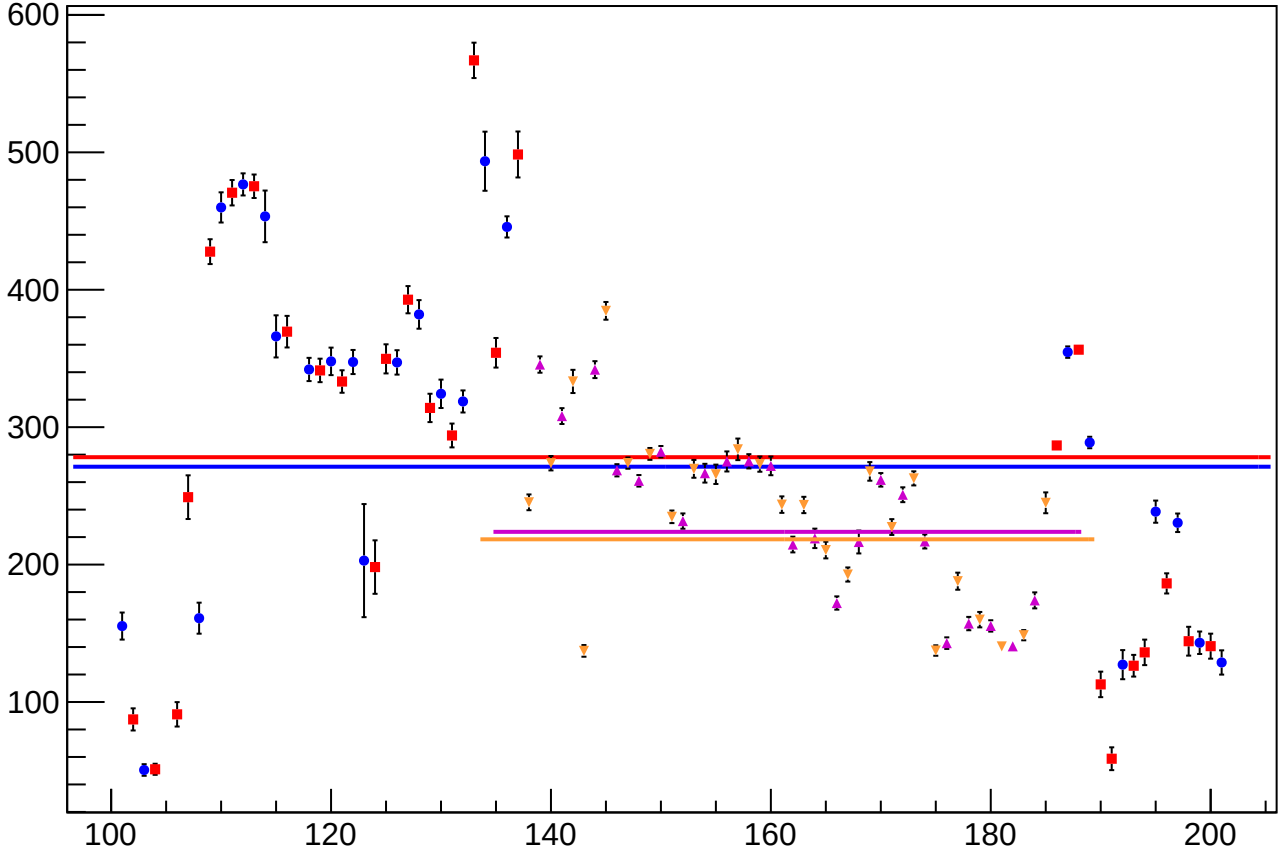
Right: 9.901+/-0.769 χ^2/NDF: 810.5/50

In: 4.538+/-0.667 χ^2/NDF:890.8/46

Out: 5.833+/-0.624 χ^2/NDF:1034.1/51

All: 5.229+/-0.456 χ^2/NDF: 1927.0/98

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 271.225+/-1.586 χ^2/NDF: 6277.6/23

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 278.149+/-1.232 χ^2/NDF: 10082.3/26

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

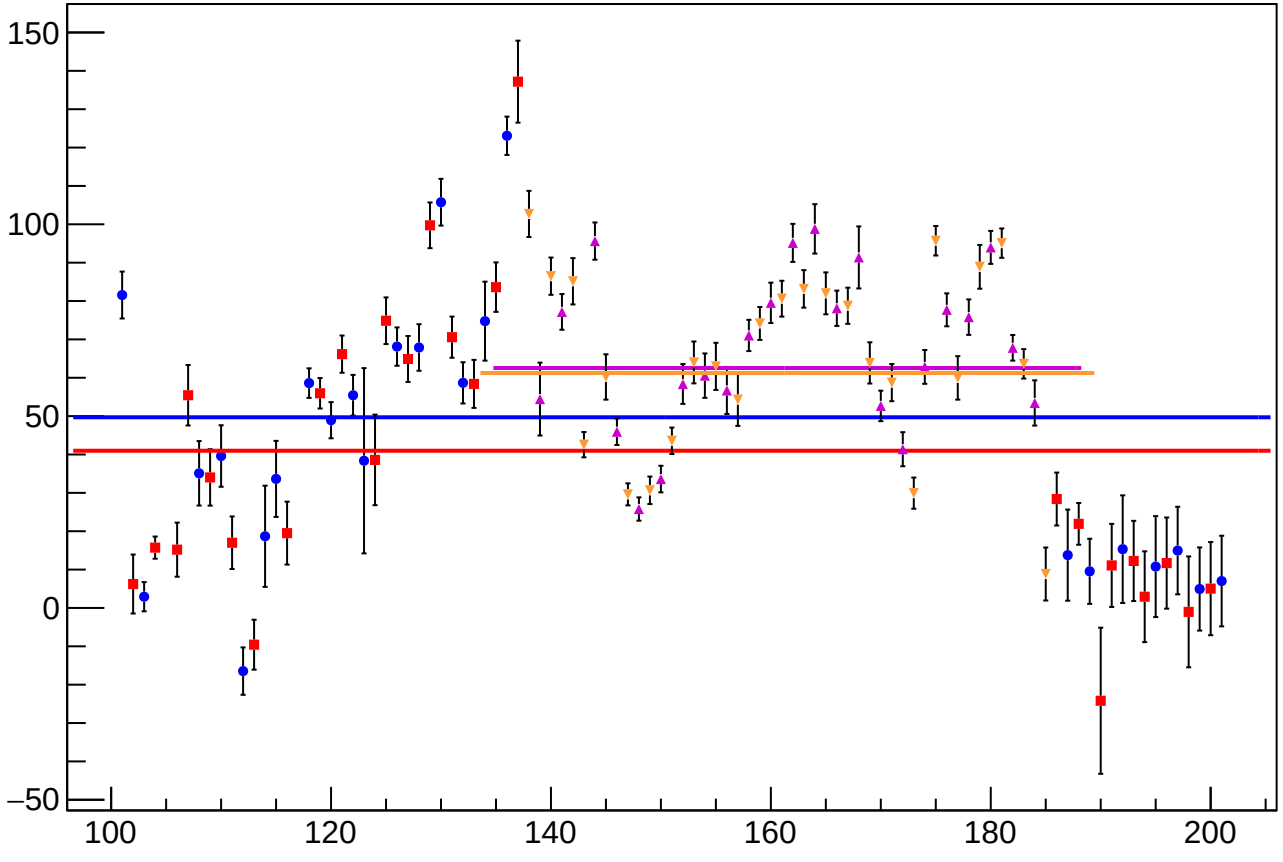
Right: 275.541+/-0.973 χ^2/NDF: 16371.7/50

In: 238.435+/-0.880 χ^2/NDF:10340.3/46

Out: 243.183+/-0.794 χ^2/NDF:15154.8/51

All: 241.054+/-0.590 χ^2/NDF: 25511.2/98

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.696+/-1.347 χ^2/NDF: 729.5/23

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 40.980+/-1.249 χ^2/NDF: 618.6/26

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

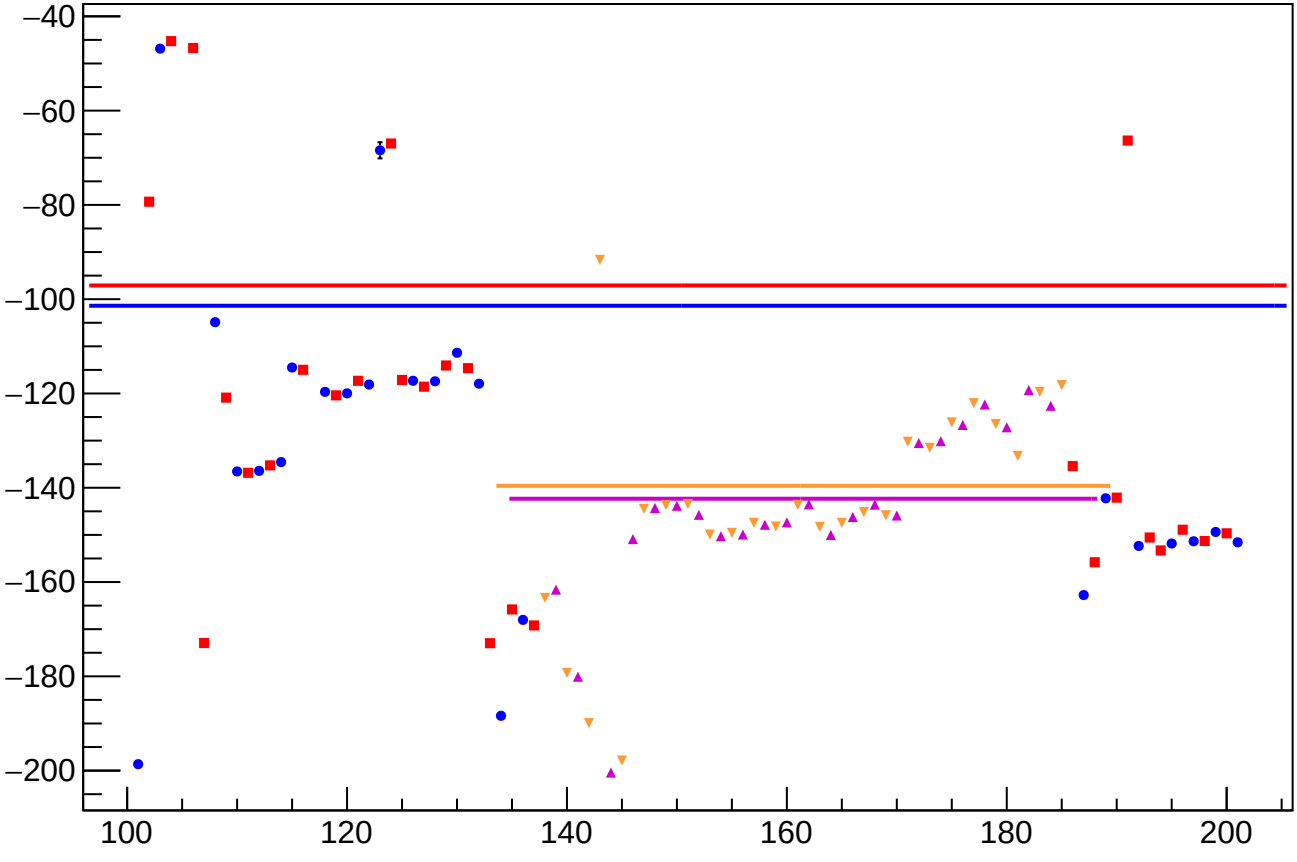
Right: 45.006+/-0.916 χ^2/NDF: 1370.6/50

In: 58.333+/-0.771 χ^2/NDF:1310.6/46

Out: 54.286+/-0.731 χ^2/NDF:1510.3/51

All: 56.203+/-0.531 χ^2/NDF: 2835.4/98

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -101.394+/-0.061 χ^2/NDF: 669523.9/23

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -97.083+/-0.057 χ^2/NDF: 694198.9/26

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

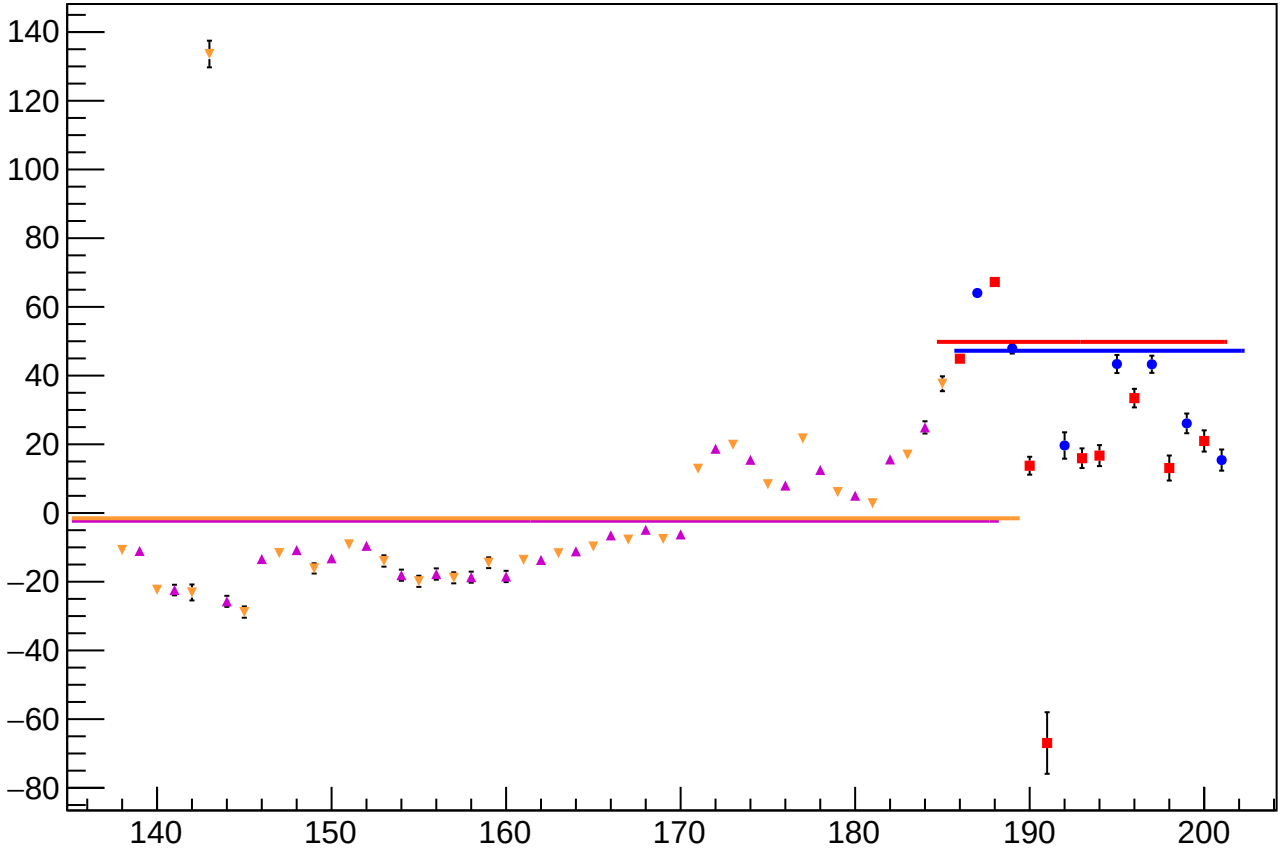
Right: -99.089+/-0.042 χ^2/NDF: 1366362.0/50

In: -128.466+/-0.036 χ^2/NDF:1108444.1/46

Out: -124.206+/-0.034 χ^2/NDF:1289977.6/51

All: -126.258+/-0.025 χ^2/NDF: 2405799.2/98

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 47.230+/-0.797 χ^2/NDF: 362.9/6

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 49.819+/-0.519 χ^2/NDF: 1383.7/8

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

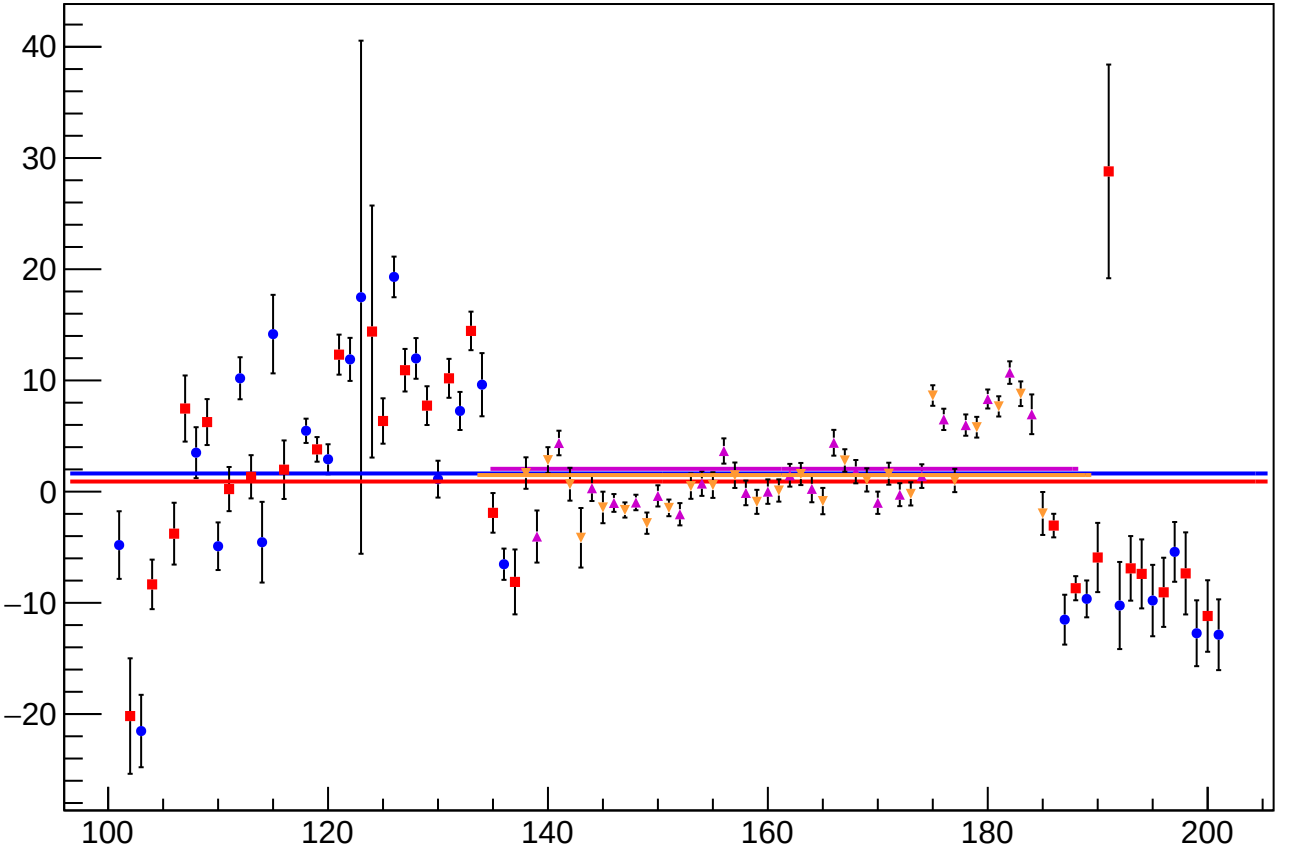
Right: 49.049+/-0.435 χ^2/NDF: 1754.0/15

In: 2.828+/-0.255 χ^2/NDF:6378.7/29

Out: 9.251+/-0.238 χ^2/NDF:13245.4/33

All: 6.266+/-0.174 χ^2/NDF: 19962.7/63

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.633+/-0.418 χ^2/NDF: 474.7/23

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 0.909+/-0.384 χ^2/NDF: 397.4/26

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

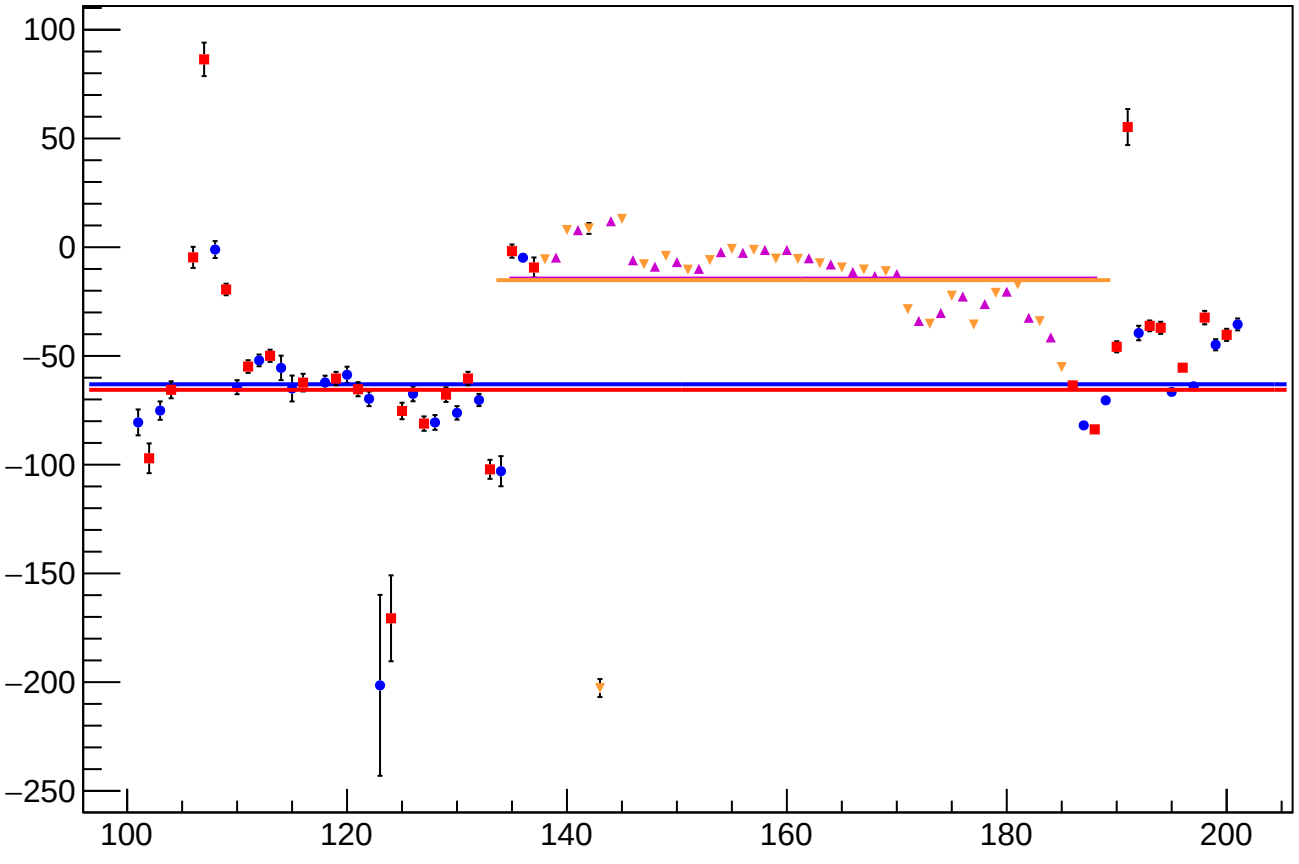
Right: 1.240+/-0.283 χ^2/NDF: 873.8/50

In: 1.964+/-0.191 χ^2/NDF:750.9/46

Out: 1.357+/-0.184 χ^2/NDF:657.5/51

All: 1.650+/-0.133 χ^2/NDF: 1413.7/98

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.028+/-0.529 χ^2/NDF: 1625.7/23

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -65.578+/-0.380 χ^2/NDF: 3233.4/26

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

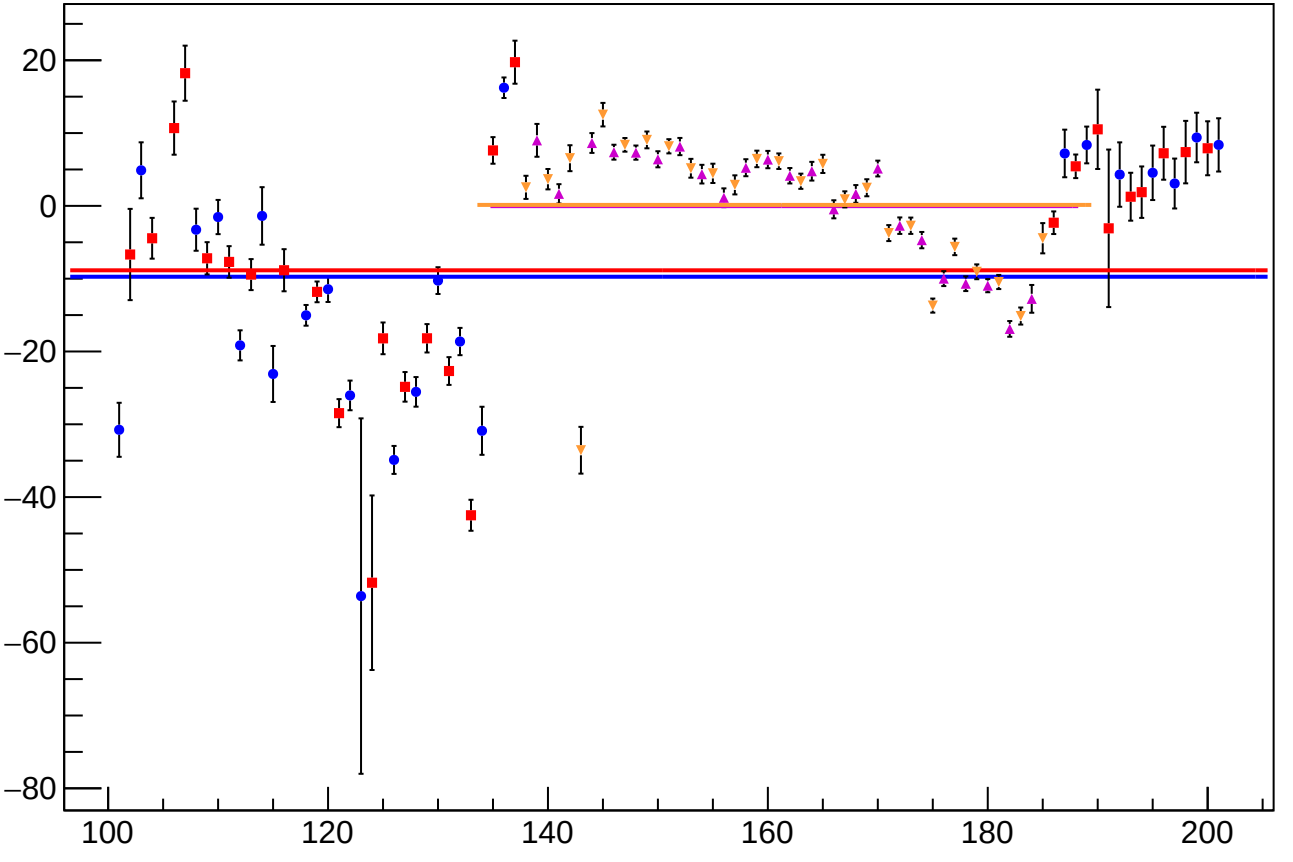
Right: -64.709+/-0.309 χ^2/NDF: 4874.4/50

In: -24.360+/-0.239 χ^2/NDF:10419.7/46

Out: -31.788+/-0.218 χ^2/NDF:19476.7/51

All: -28.409+/-0.161 χ^2/NDF: 30422.5/98

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.733+/-0.489 χ^2/NDF: 990.7/23

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -8.849+/-0.463 χ^2/NDF: 966.2/26

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

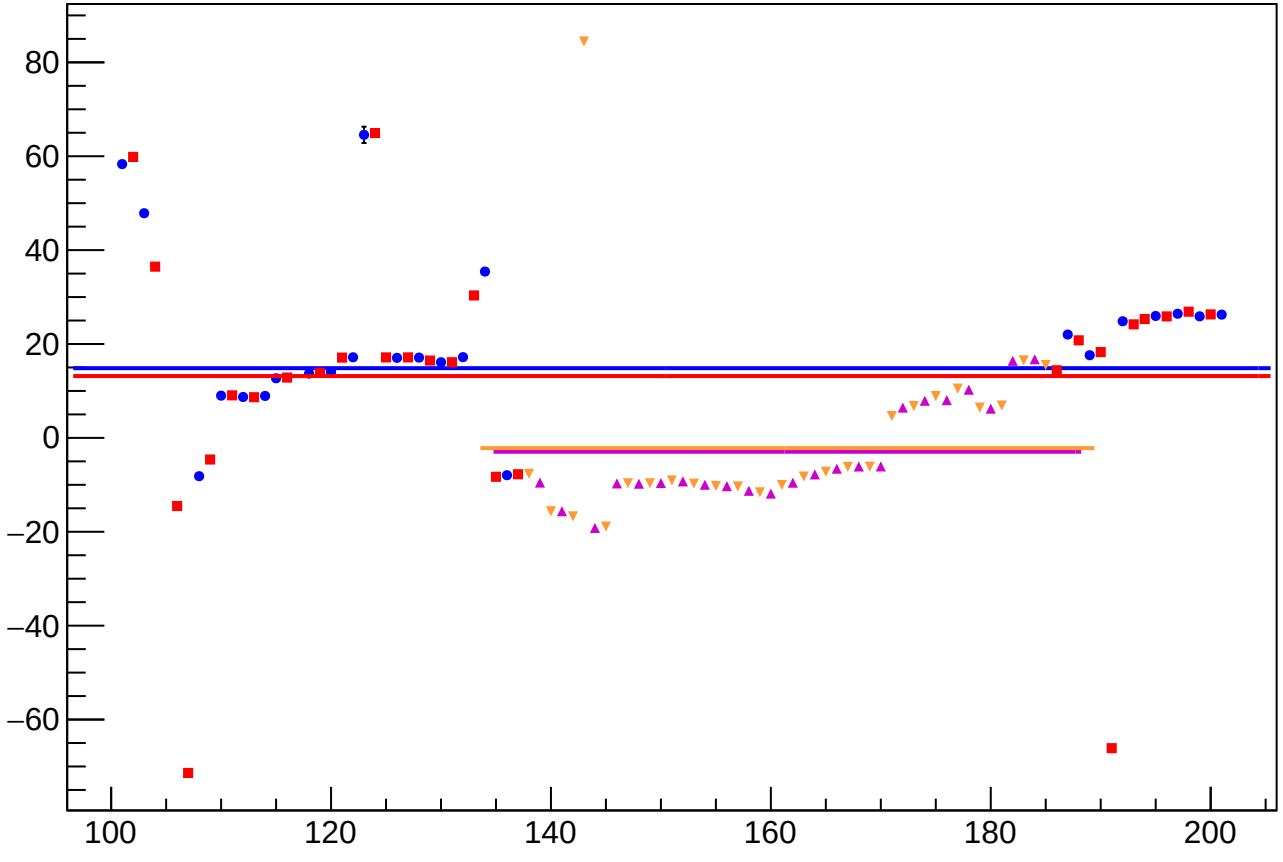
Right: -9.267+/-0.336 χ^2/NDF: 1958.6/50

In: -1.947+/-0.217 χ^2/NDF:2333.7/46

Out: -1.748+/-0.212 χ^2/NDF:2410.5/51

All: -1.845+/-0.152 χ^2/NDF: 4744.6/98

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 14.851+/-0.025 χ^2/NDF: 453494.1/23

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 13.170+/-0.024 χ^2/NDF: 716248.7/26

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

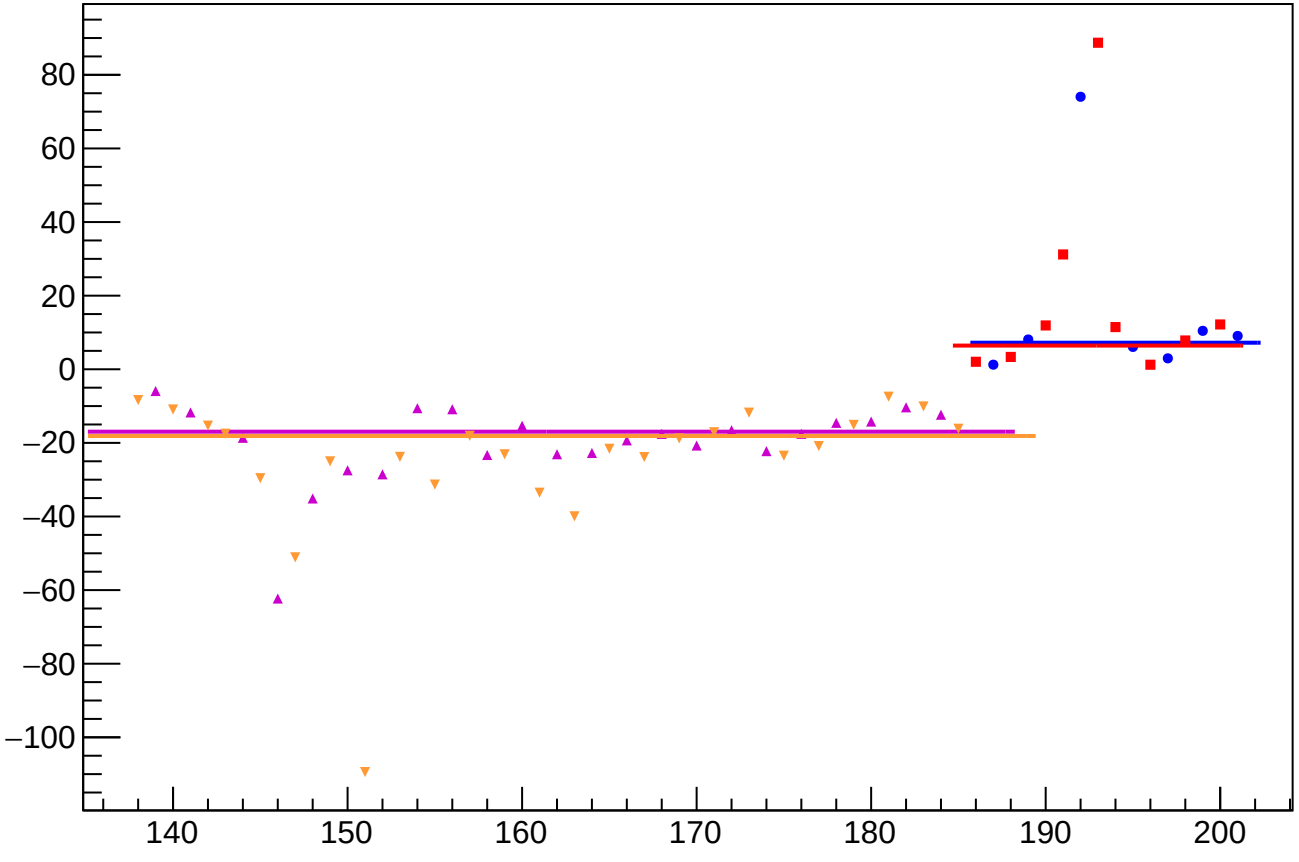
Right: 13.976+/-0.017 χ^2/NDF: 1172061.2/50

In: -0.122+/-0.010 χ^2/NDF:1643813.5/46

Out: 0.424+/-0.010 χ^2/NDF:2098037.3/51

All: 0.154+/-0.007 χ^2/NDF: 3743344.0/98

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.218+/-0.084 χ^2/NDF: 11724.3/6

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 6.437+/-0.071 χ^2/NDF: 25539.2/8

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

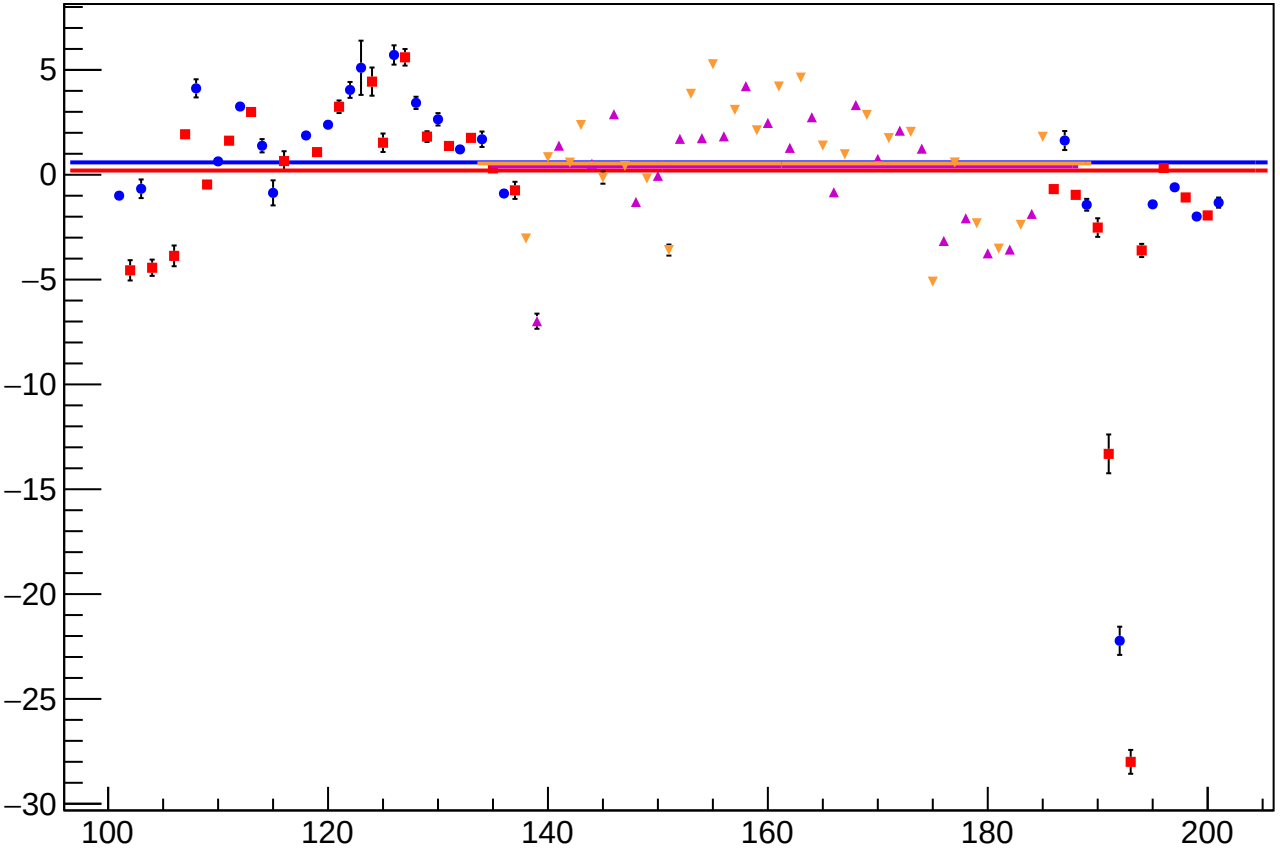
Right: 6.761+/-0.054 χ^2/NDF: 37314.0/15

In: -12.860+/-0.035 χ^2/NDF:125086.0/29

Out: -12.415+/-0.034 χ^2/NDF:206505.1/33

All: -12.635+/-0.024 χ^2/NDF: 331674.8/63

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-0.051 χ^2/NDF: 2476.1/23

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.202+/-0.048 χ^2/NDF: 4216.9/26

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

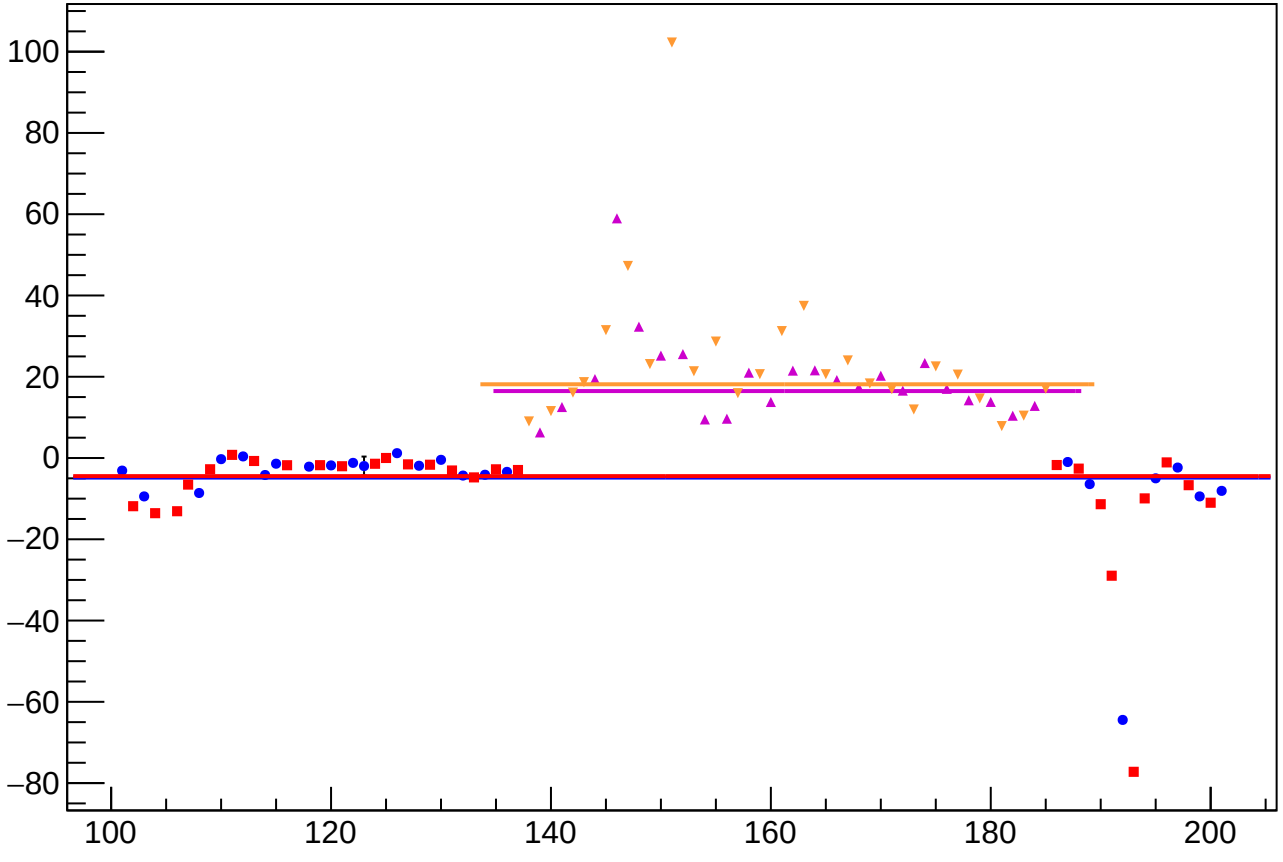
Right: 0.384+/-0.035 χ^2/NDF: 6723.3/50

In: 0.449+/-0.026 χ^2/NDF:8772.7/46

Out: 0.437+/-0.027 χ^2/NDF:11318.9/51

All: 0.443+/-0.019 χ^2/NDF: 20091.7/98

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.811+/-0.060 χ^2/NDF: 13314.5/23

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.457+/-0.051 χ^2/NDF: 27533.3/26

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

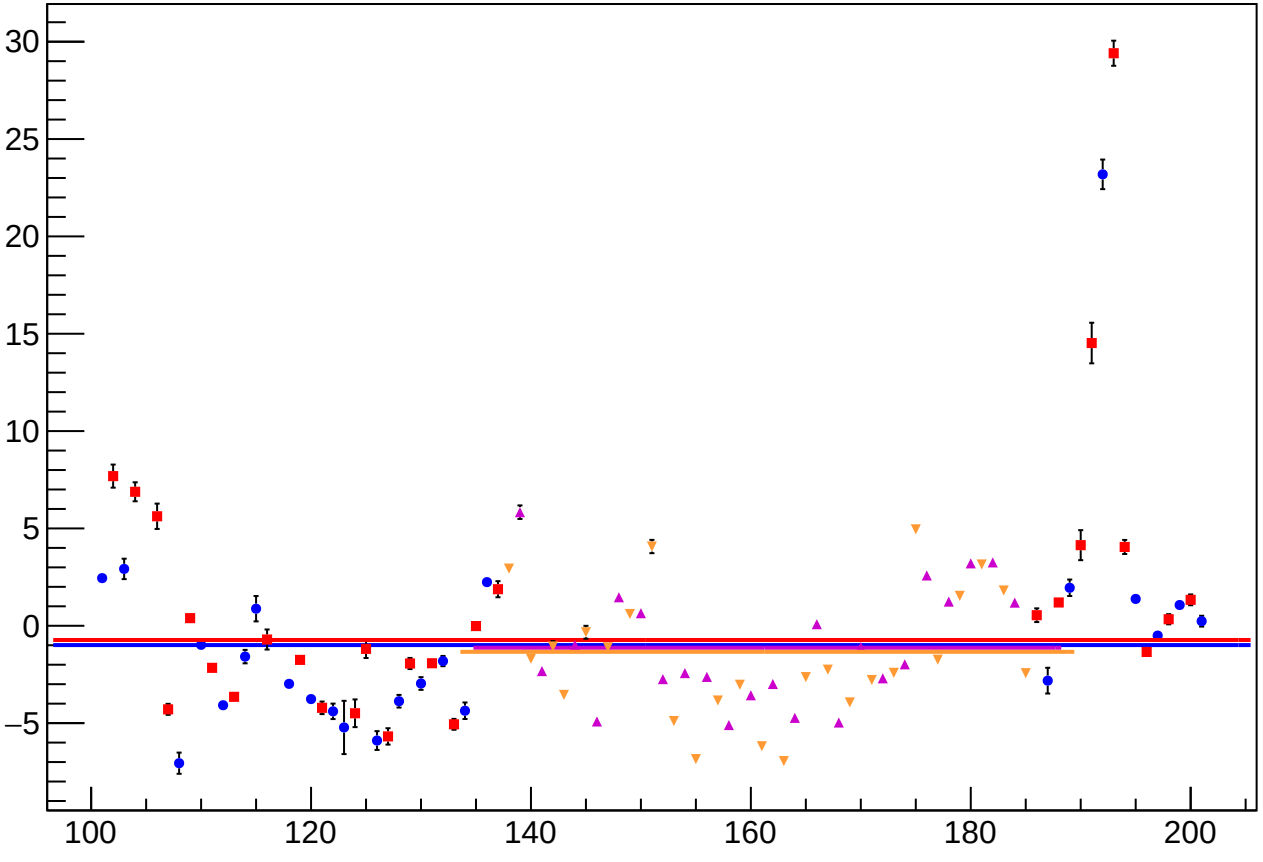
Right: -4.604+/-0.039 χ^2/NDF: 40868.1/50

In: 10.471+/-0.032 χ^2/NDF:144962.5/46

Out: 9.700+/-0.031 χ^2/NDF:230004.8/51

All: 10.075+/-0.022 χ^2/NDF: 375267.8/98

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.991+/-0.060 χ^2/NDF: 2721.6/23

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.730+/-0.057 χ^2/NDF: 4434.4/26

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

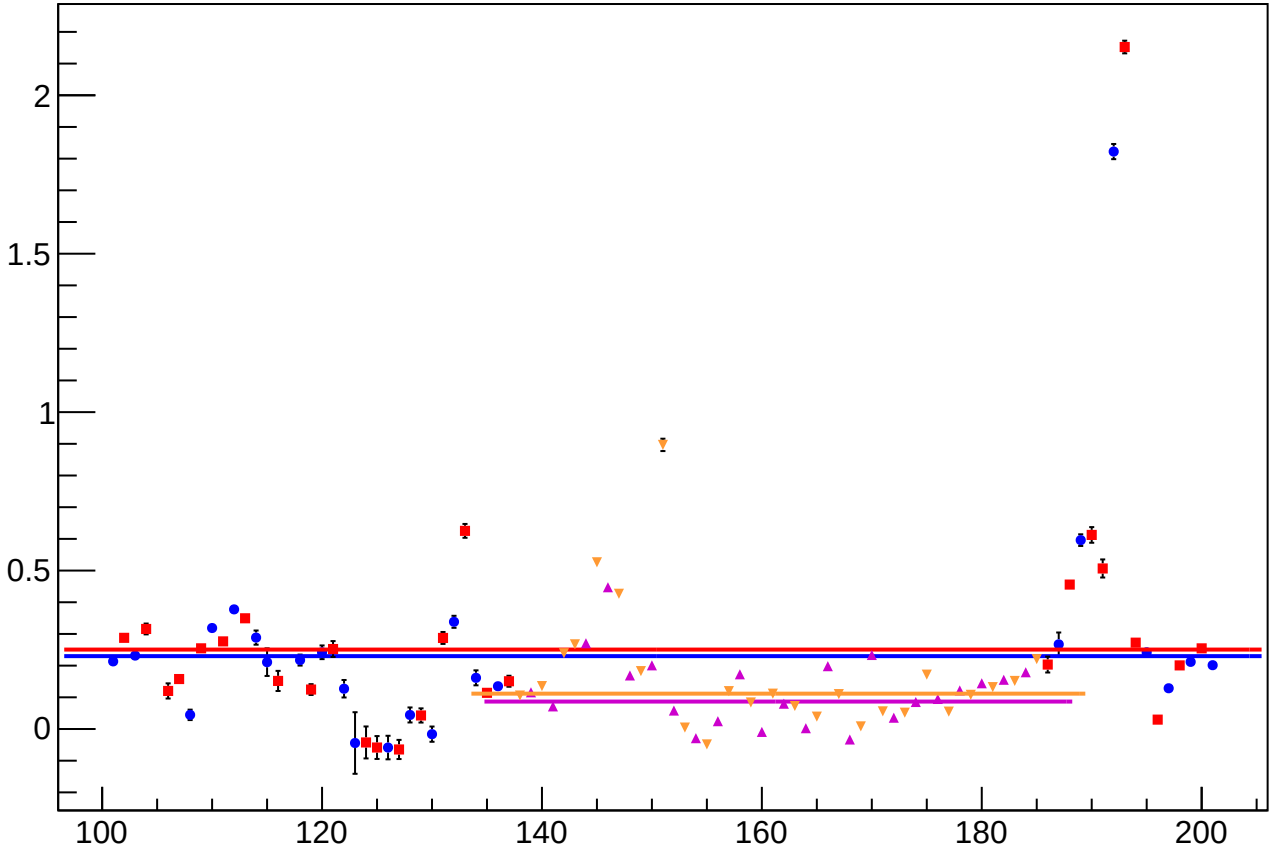
Right: -0.853+/-0.041 χ^2/NDF: 7166.2/50

In: -1.095+/-0.030 χ^2/NDF:9504.3/46

Out: -1.163+/-0.030 χ^2/NDF:12437.7/51

All: -1.128+/-0.021 χ^2/NDF: 21944.5/98

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.230+/-0.003 χ^2/NDF: 5733.5/23

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.251+/-0.003 χ^2/NDF: 11638.5/26

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

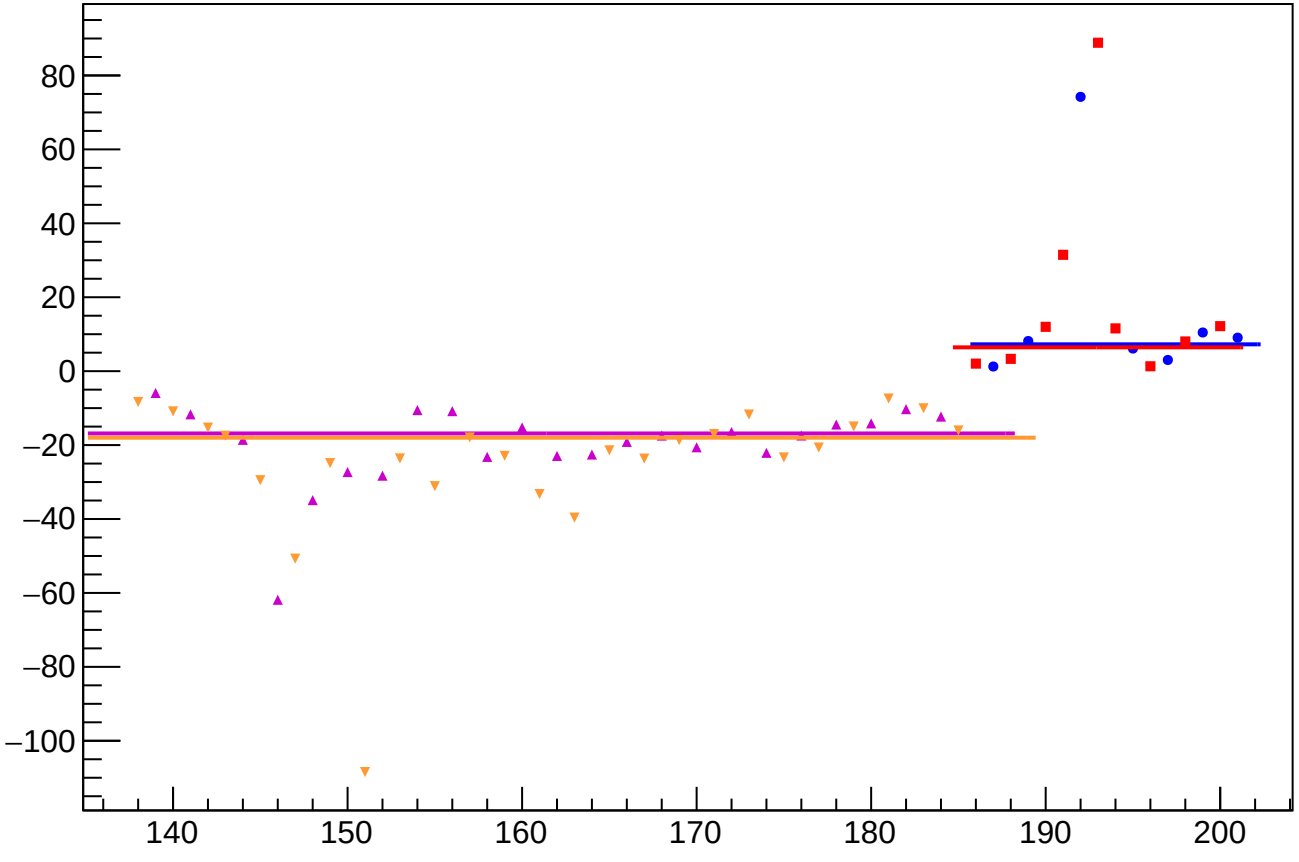
Right: 0.241+/-0.002 χ^2/NDF: 17402.1/50

In: 0.120+/-0.001 χ^2/NDF:11538.5/46

Out: 0.149+/-0.001 χ^2/NDF:18136.9/51

All: 0.134+/-0.001 χ^2/NDF: 29914.0/98

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.259+/-0.084 χ^2/NDF: 11849.4/6

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.445+/-0.070 χ^2/NDF: 25892.9/8

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

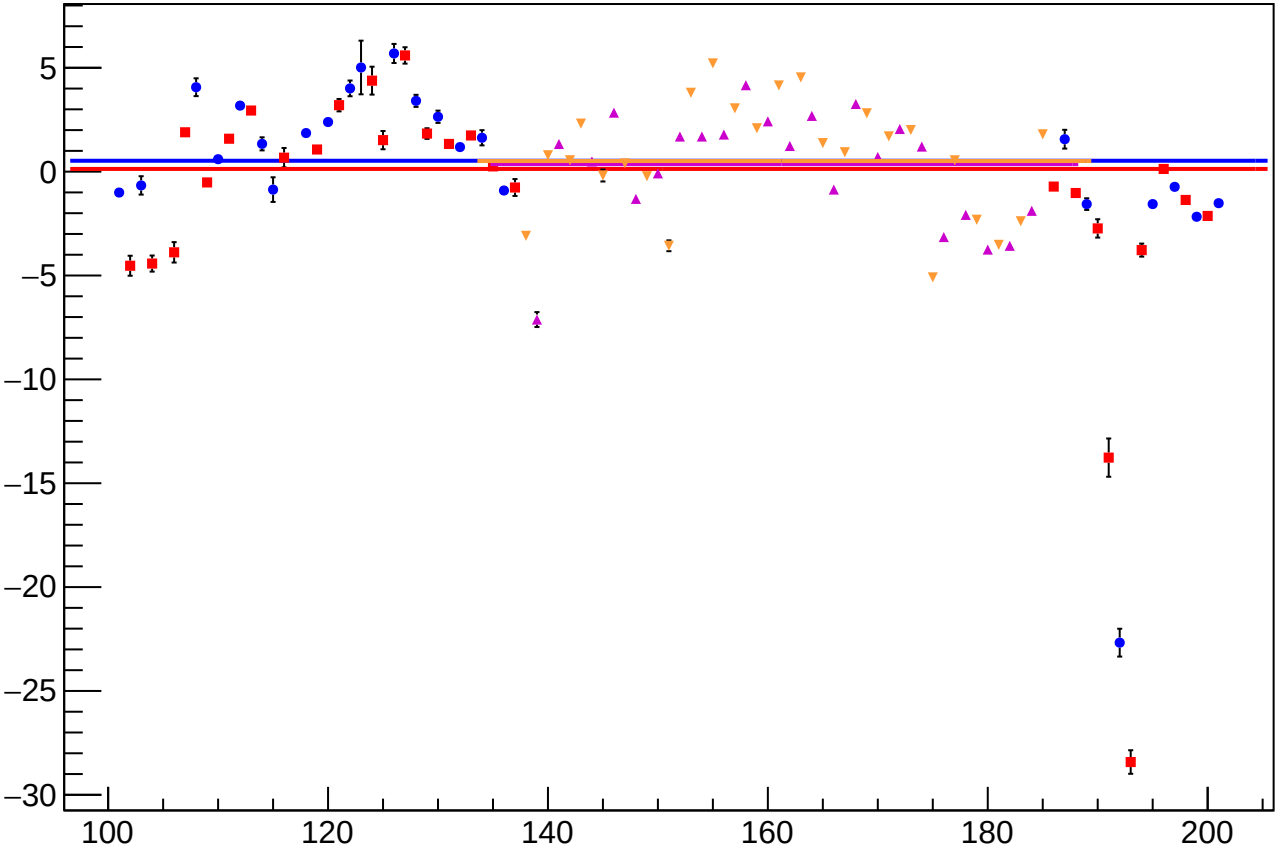
Right: 6.781+/-0.054 χ^2/NDF: 37797.9/15

In: -12.780+/-0.034 χ^2/NDF:125461.6/29

Out: -12.306+/-0.034 χ^2/NDF:207336.7/33

All: -12.540+/-0.024 χ^2/NDF: 332894.7/63

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.525+/-0.051 χ^2/NDF: 2586.6/23

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.131+/-0.048 χ^2/NDF: 4378.9/26

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

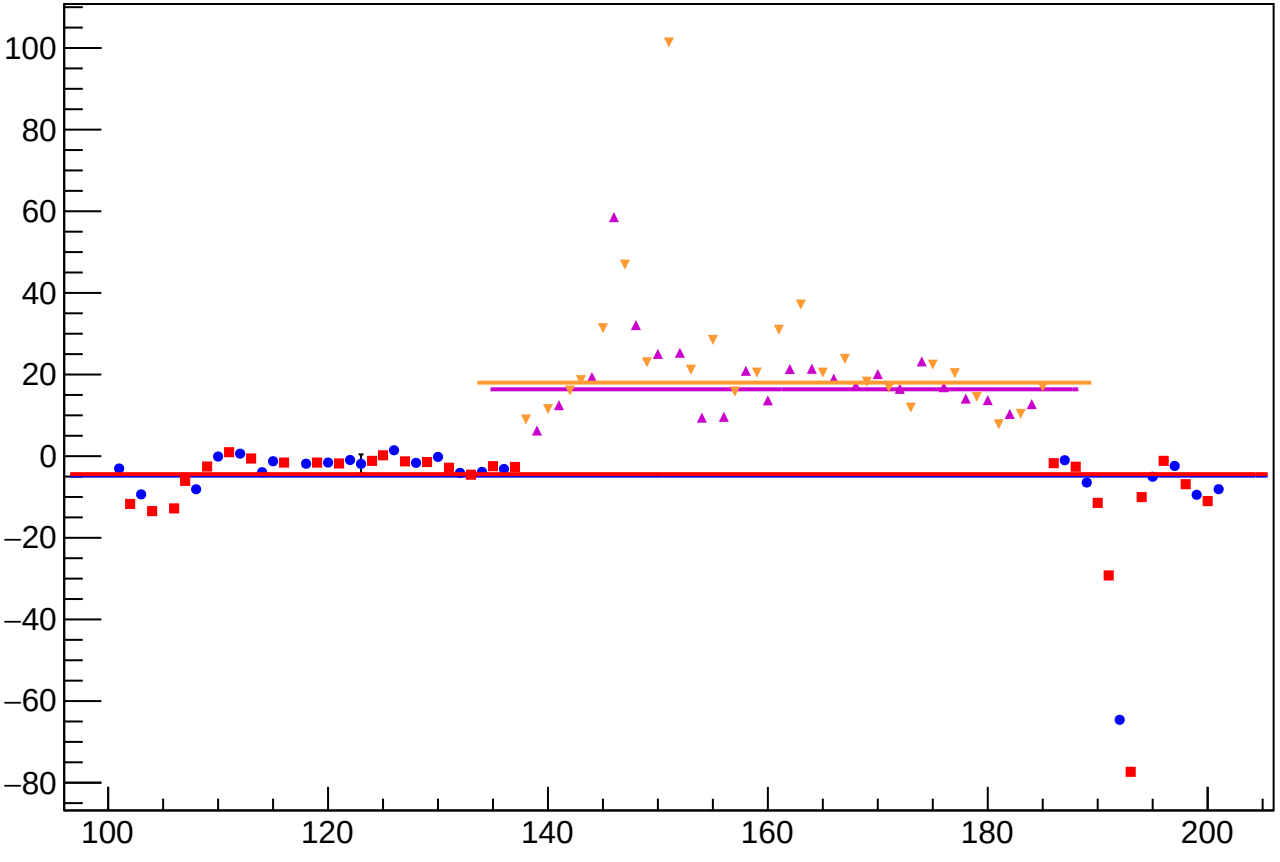
Right: 0.316+/-0.035 χ^2/NDF: 6997.3/50

In: 0.404+/-0.026 χ^2/NDF:8867.7/46

Out: 0.393+/-0.027 χ^2/NDF:11475.3/51

All: 0.399+/-0.019 χ^2/NDF: 20343.1/98

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.766+/-0.060 χ^2/NDF: 13564.8/23

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -4.403+/-0.050 χ^2/NDF: 27999.2/26

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

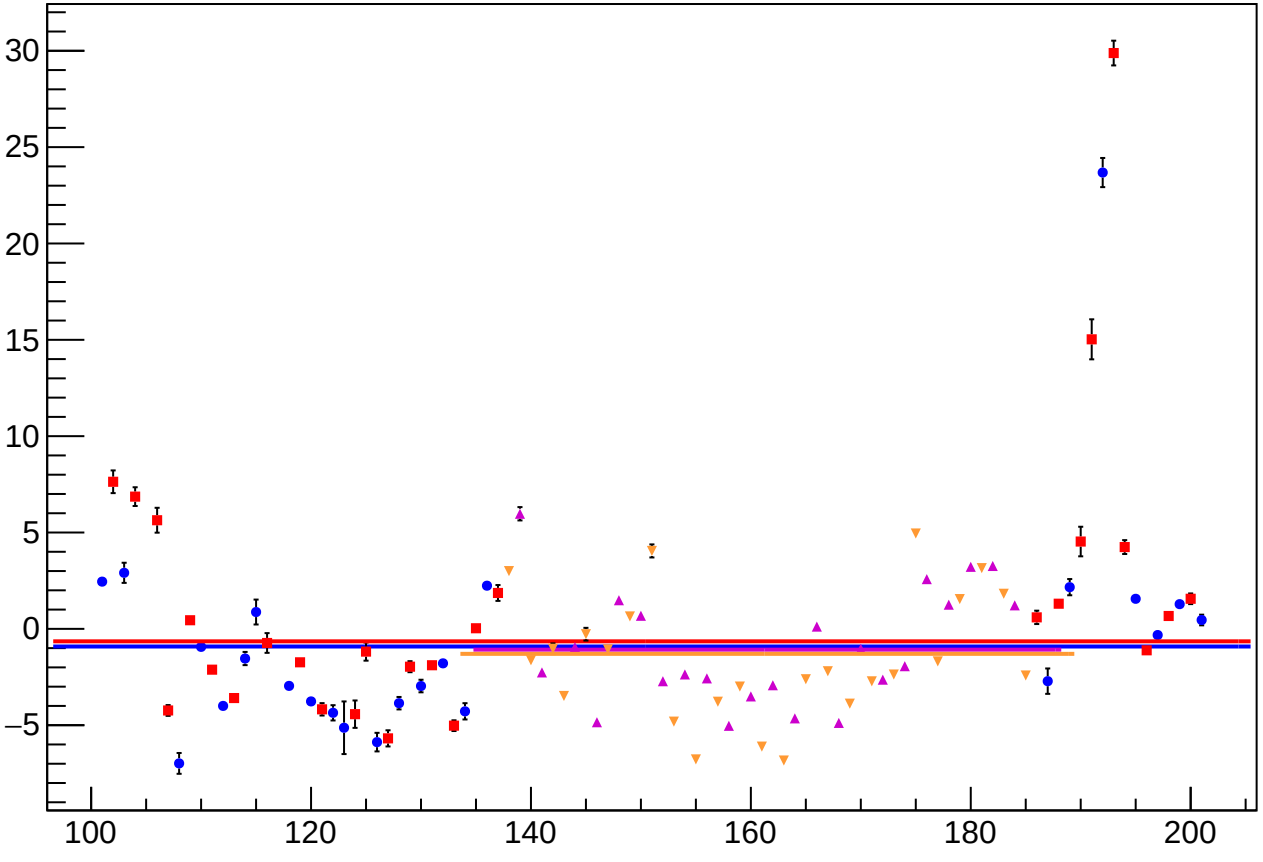
Right: -4.554+/-0.038 χ^2/NDF: 41585.6/50

In: 10.428+/-0.032 χ^2/NDF:144868.2/46

Out: 9.635+/-0.031 χ^2/NDF:230263.8/51

All: 10.019+/-0.022 χ^2/NDF: 375454.8/98

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.916+/-0.060 χ^2/NDF: 2810.5/23

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.647+/-0.056 χ^2/NDF: 4586.3/26

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

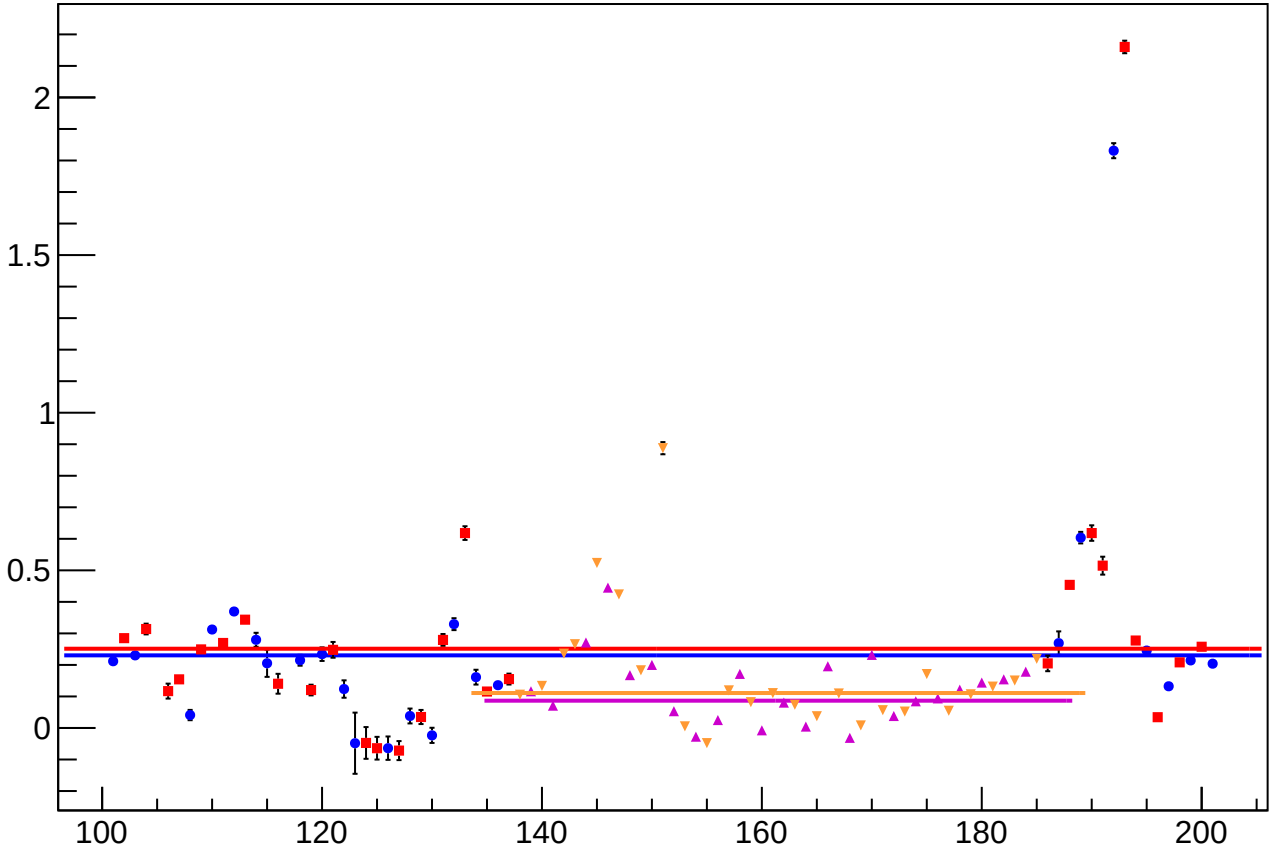
Right: -0.774+/-0.041 χ^2/NDF: 7407.6/50

In: -1.041+/-0.029 χ^2/NDF:9580.3/46

Out: -1.111+/-0.030 χ^2/NDF:12584.7/51

All: -1.075+/-0.021 χ^2/NDF: 22167.8/98

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.230+/-0.003 χ^2/NDF: 5821.0/23

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.251+/-0.003 χ^2/NDF: 11775.2/26

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

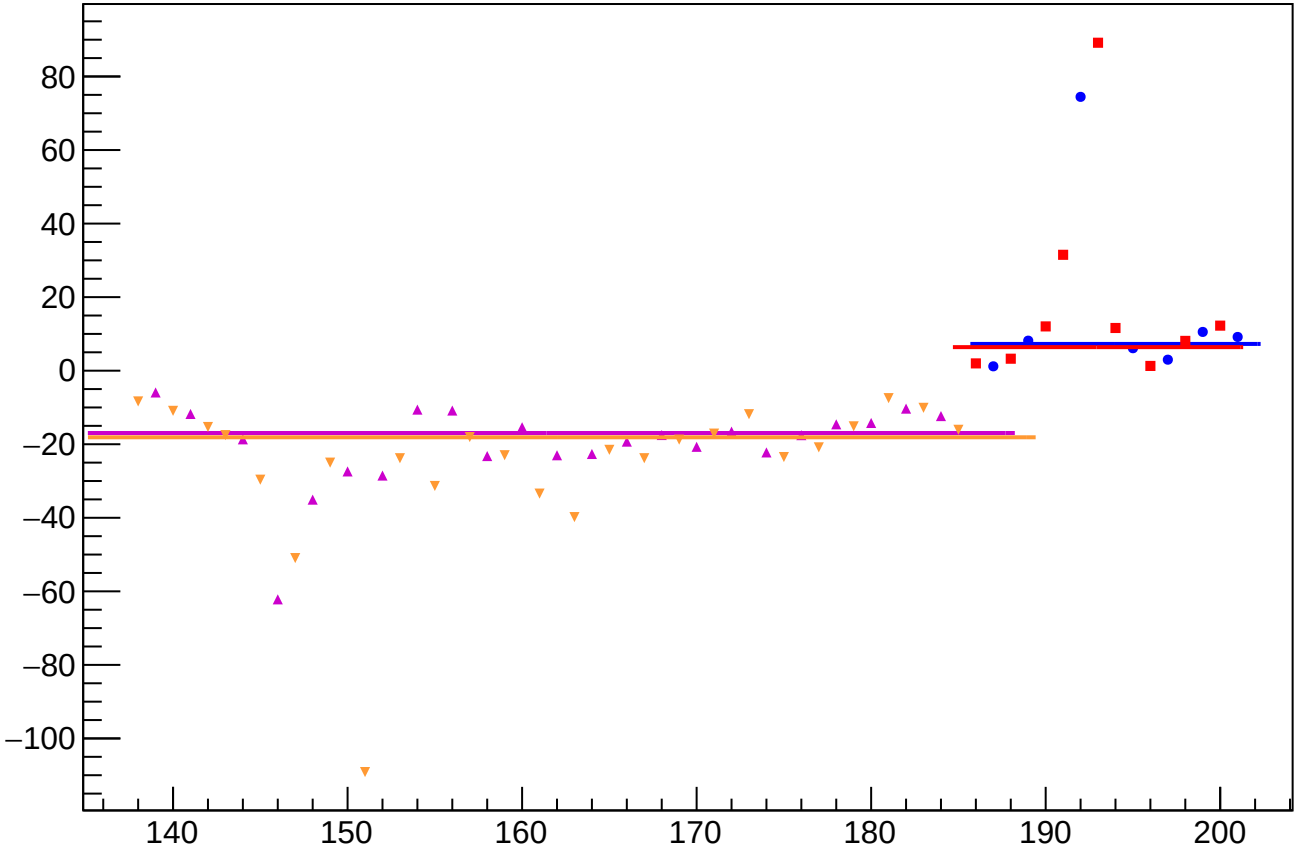
Right: 0.241+/-0.002 χ^2/NDF: 17627.6/50

In: 0.120+/-0.001 χ^2/NDF:11630.0/46

Out: 0.149+/-0.001 χ^2/NDF:18330.0/51

All: 0.134+/-0.001 χ^2/NDF: 30195.0/98

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.275+/-0.084 χ^2/NDF: 11875.8/6

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 6.404+/-0.070 χ^2/NDF: 25934.1/8

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

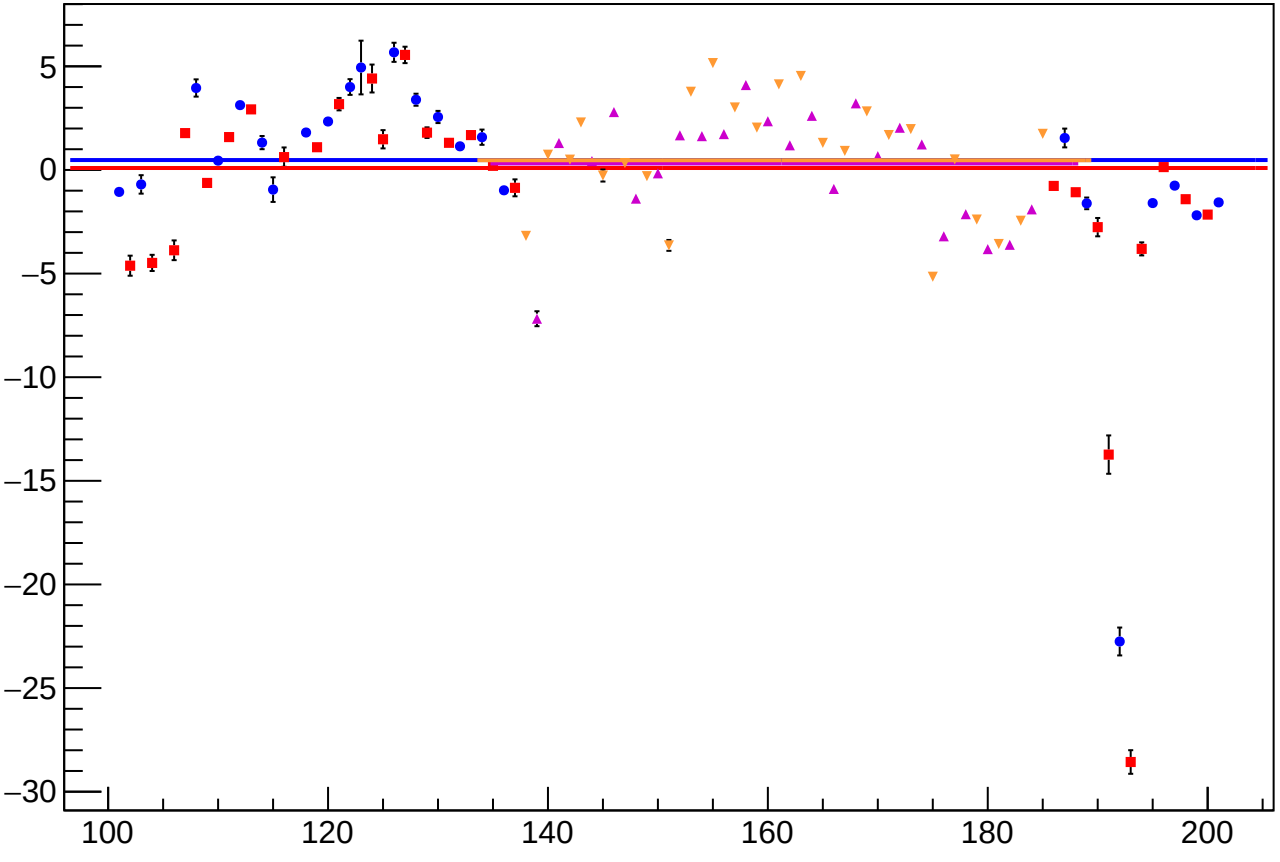
Right: 6.761+/-0.054 χ^2/NDF: 37872.9/15

In: -12.872+/-0.035 χ^2/NDF:125311.6/29

Out: -12.377+/-0.034 χ^2/NDF:207586.8/33

All: -12.621+/-0.024 χ^2/NDF: 333002.9/63

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.478+/-0.051 χ^2/NDF: 2568.1/23

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.094+/-0.048 χ^2/NDF: 4375.9/26

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

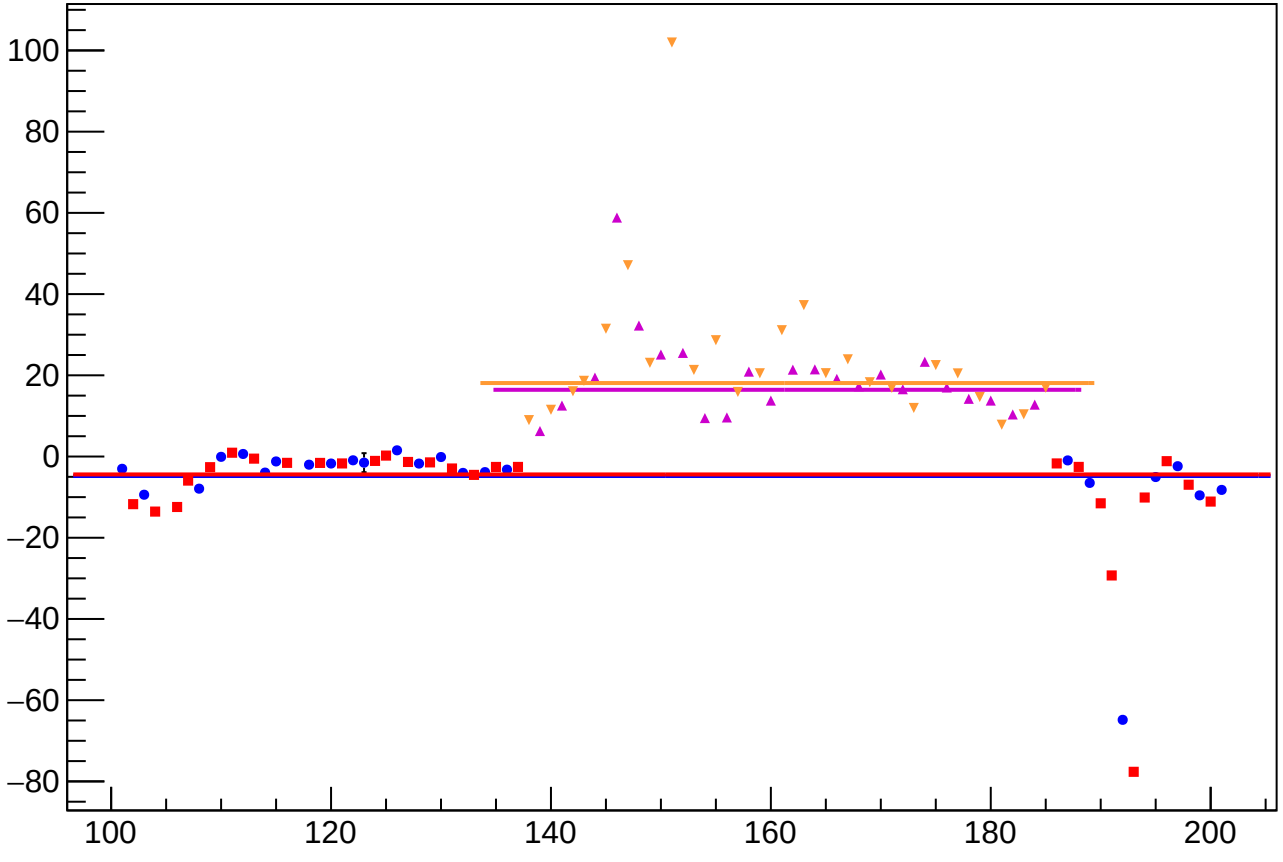
Right: 0.274+/-0.035 χ^2/NDF: 6973.8/50

In: 0.356+/-0.026 χ^2/NDF:8810.8/46

Out: 0.352+/-0.027 χ^2/NDF:11494.5/51

All: 0.354+/-0.019 χ^2/NDF: 20305.2/98

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.798+/-0.060 χ^2/NDF: 13589.7/23

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -4.408+/-0.050 χ^2/NDF: 28013.1/26

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

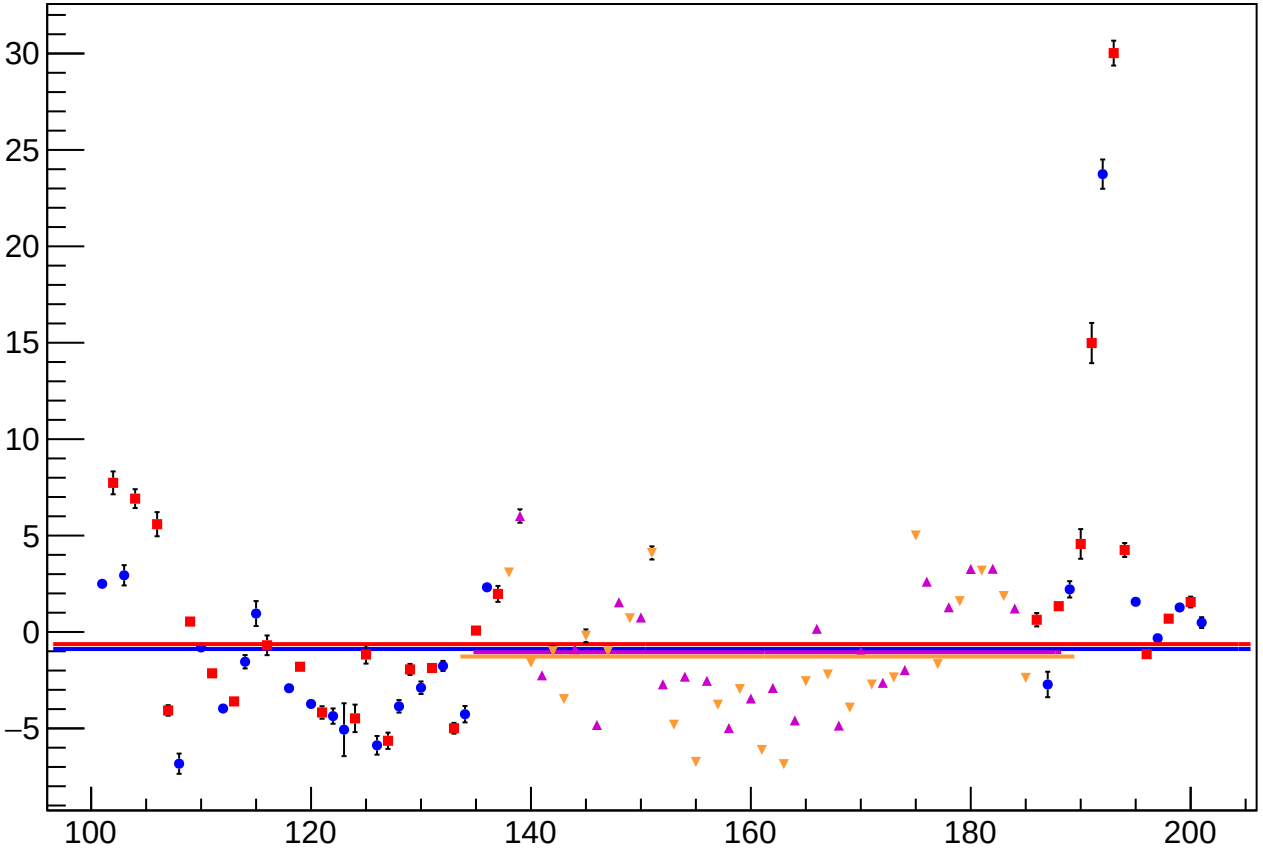
Right: -4.569+/-0.039 χ^2/NDF: 41627.6/50

In: 10.479+/-0.032 χ^2/NDF:144696.9/46

Out: 9.660+/-0.031 χ^2/NDF:230499.1/51

All: 10.056+/-0.022 χ^2/NDF: 375537.3/98

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.884+/-0.060 χ^2/NDF: 2798.3/23

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.630+/-0.056 χ^2/NDF: 4587.1/26

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

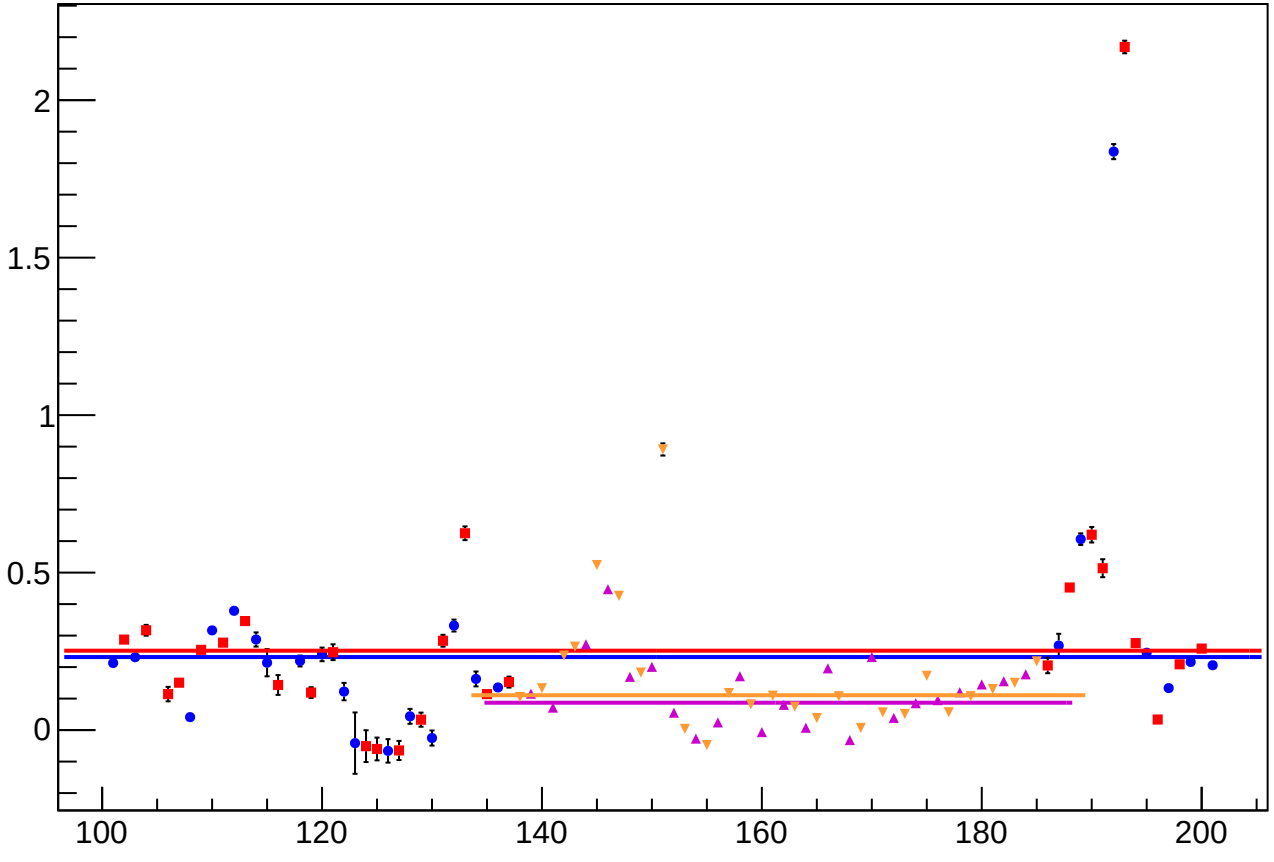
Right: -0.749+/-0.041 χ^2/NDF: 7394.9/50

In: -1.010+/-0.030 χ^2/NDF:9517.1/46

Out: -1.088+/-0.030 χ^2/NDF:12610.7/51

All: -1.048+/-0.021 χ^2/NDF: 22131.2/98

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.232+/-0.003 χ^2/NDF: 5835.9/23

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.252+/-0.003 χ^2/NDF: 11790.3/26

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

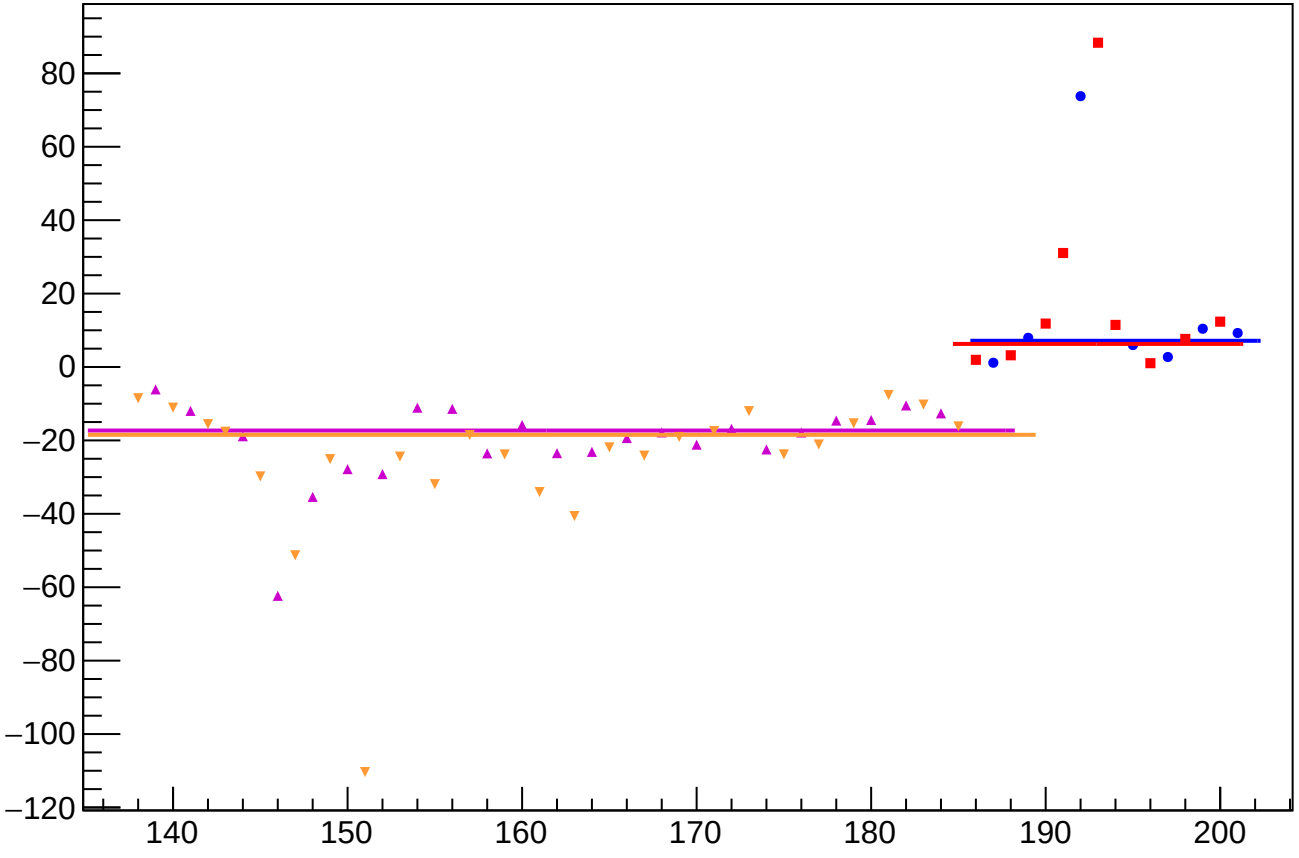
Right: 0.242+/-0.002 χ^2/NDF: 17654.8/50

In: 0.121+/-0.001 χ^2/NDF:11631.0/46

Out: 0.149+/-0.001 χ^2/NDF:18333.8/51

All: 0.134+/-0.001 χ^2/NDF: 30191.4/98

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.141+/-0.085 χ^2/NDF: 11678.8/6

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 6.289+/-0.071 χ^2/NDF: 25465.5/8

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

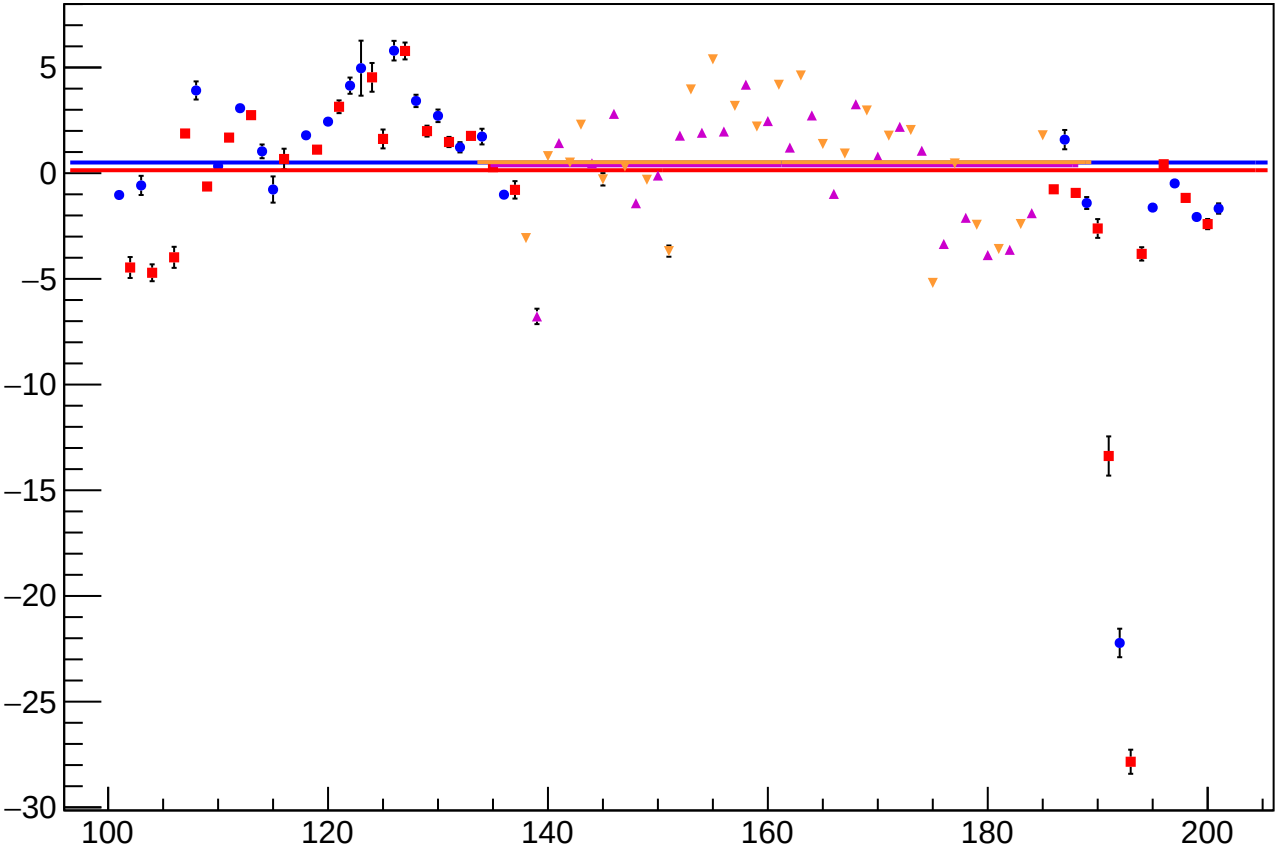
Right: 6.638+/-0.054 χ^2/NDF: 37204.0/15

In: -13.074+/-0.035 χ^2/NDF:124267.8/29

Out: -12.514+/-0.035 χ^2/NDF:206815.6/33

All: -12.789+/-0.025 χ^2/NDF: 331211.8/63

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.505+/-0.052 χ^2/NDF: 2471.2/23

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.140+/-0.049 χ^2/NDF: 4217.7/26

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

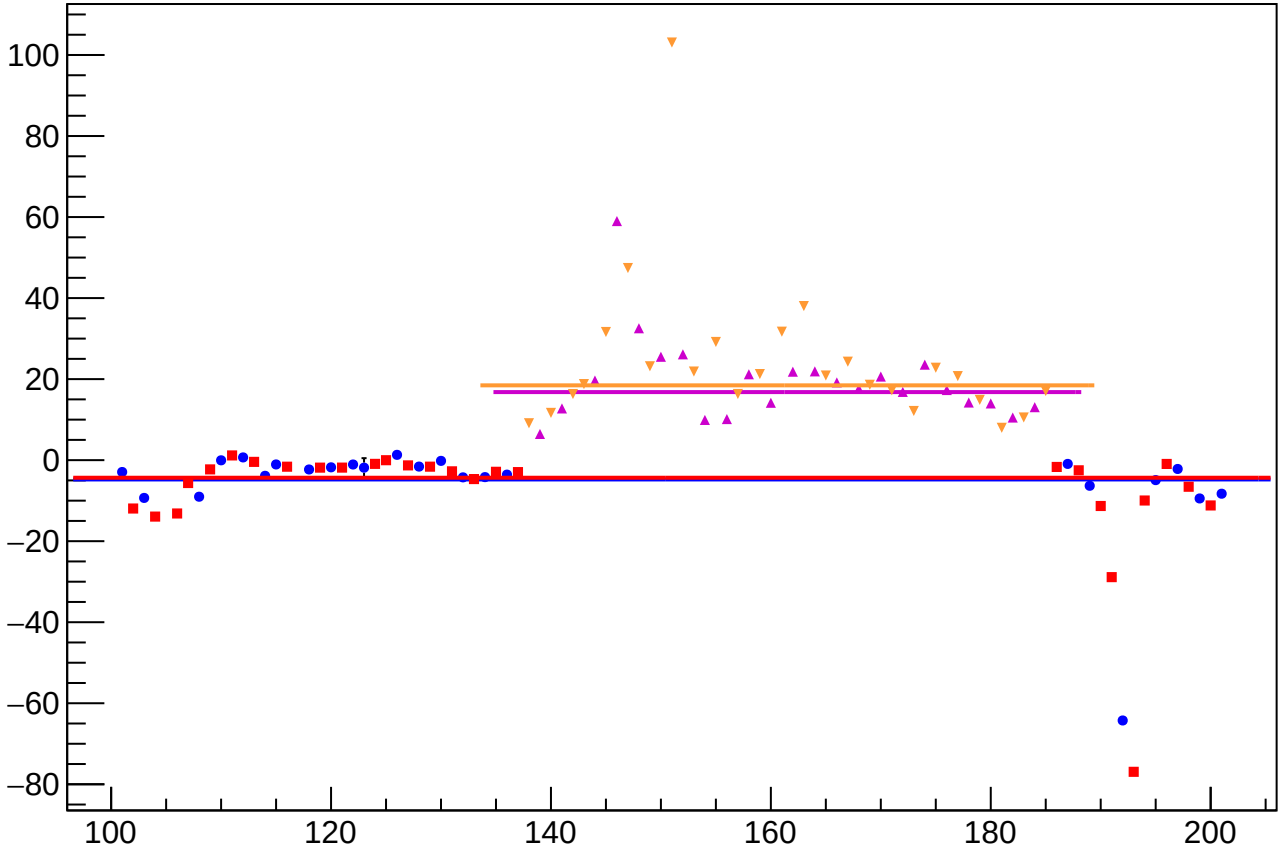
Right: 0.312+/-0.036 χ^2/NDF: 6715.1/50

In: 0.408+/-0.027 χ^2/NDF:8739.8/46

Out: 0.402+/-0.027 χ^2/NDF:11297.8/51

All: 0.405+/-0.019 χ^2/NDF: 20037.6/98

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.765+/-0.061 χ^2/NDF: 13298.5/23

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -4.342+/-0.051 χ^2/NDF: 27515.0/26

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

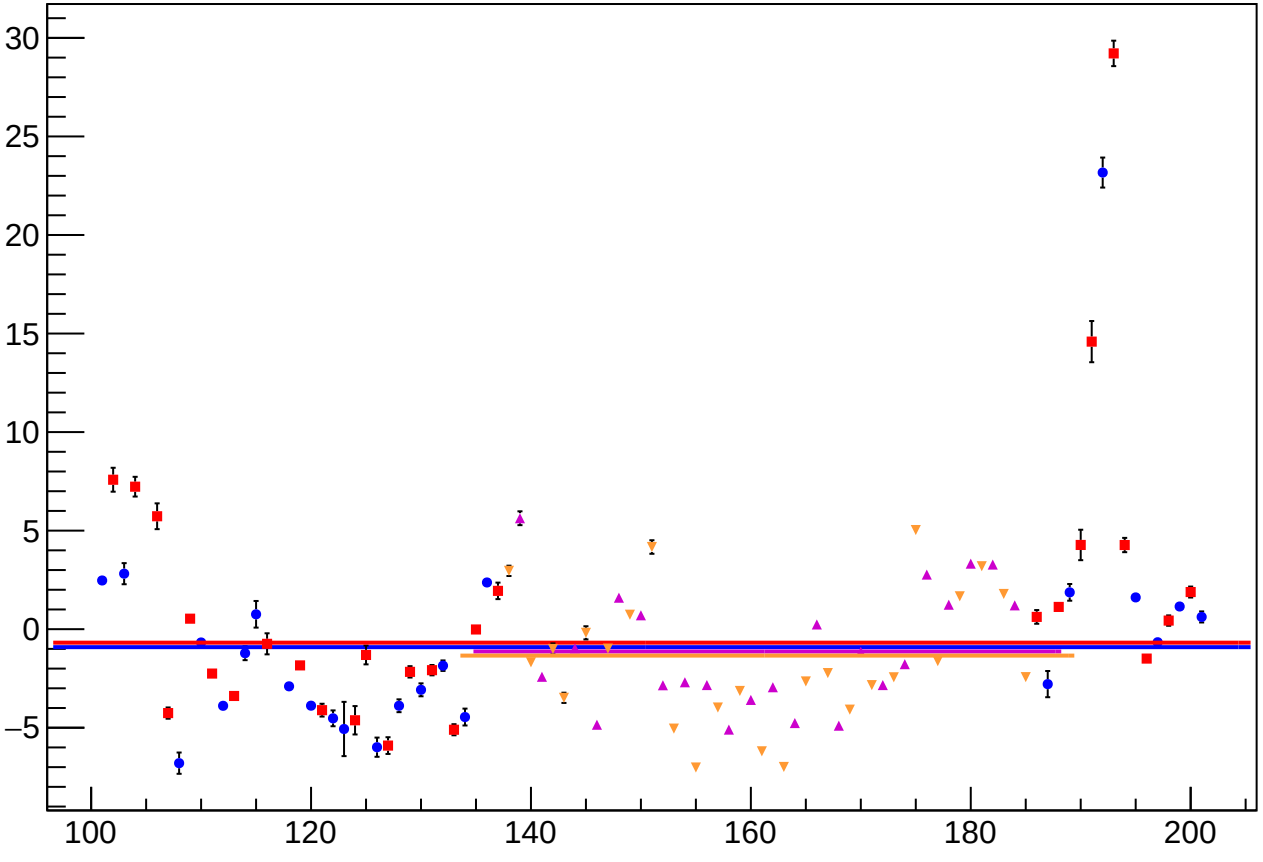
Right: -4.516+/-0.039 χ^2/NDF: 40842.0/50

In: 10.624+/-0.032 χ^2/NDF:143725.3/46

Out: 9.757+/-0.031 χ^2/NDF:229266.0/51

All: 10.176+/-0.023 χ^2/NDF: 373360.1/98

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.912+/-0.061 χ^2/NDF: 2712.7/23

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.684+/-0.057 χ^2/NDF: 4433.2/26

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

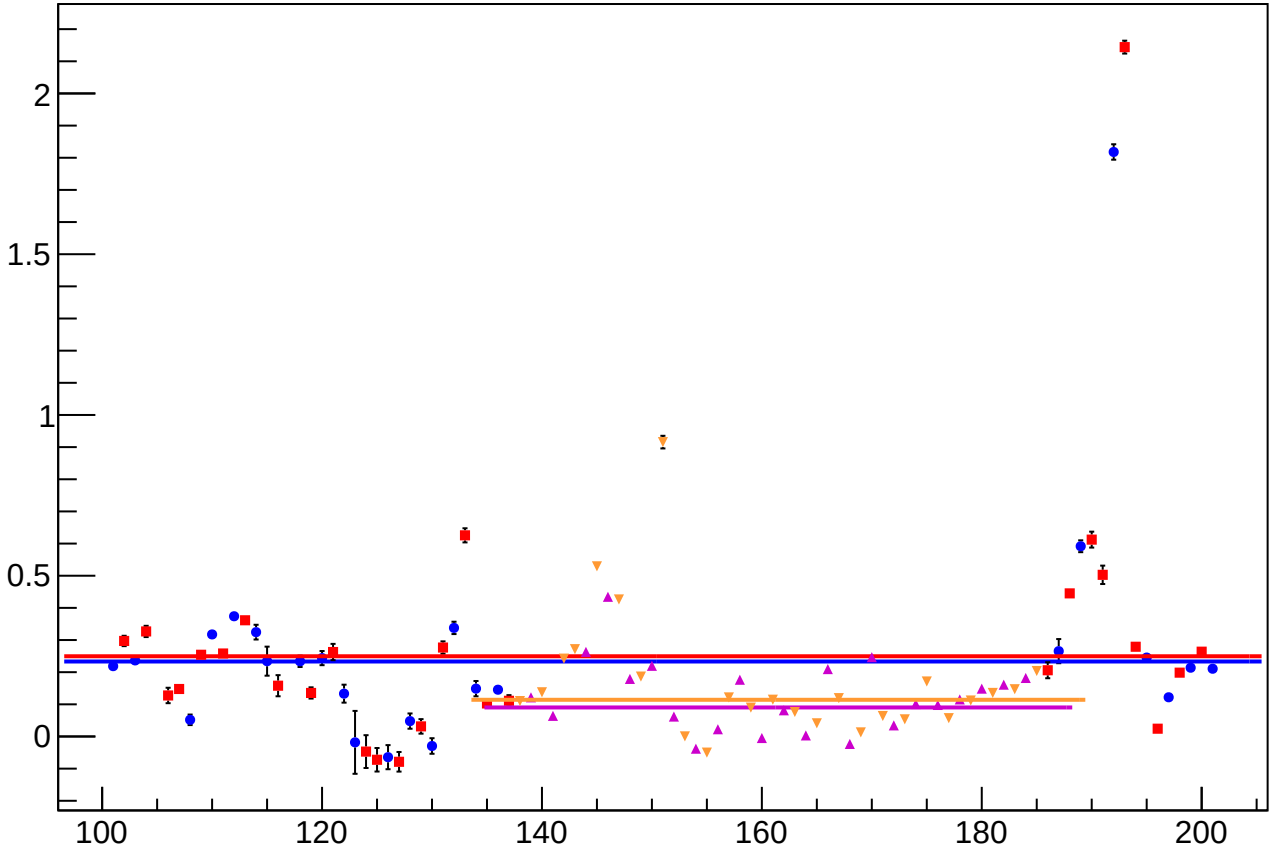
Right: -0.791+/-0.042 χ^2/NDF: 7153.4/50

In: -1.077+/-0.030 χ^2/NDF:9465.9/46

Out: -1.150+/-0.031 χ^2/NDF:12412.3/51

All: -1.113+/-0.022 χ^2/NDF: 21881.0/98

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.233+/-0.003 χ^2/NDF: 5654.9/23

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.250+/-0.003 χ^2/NDF: 11636.9/26

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

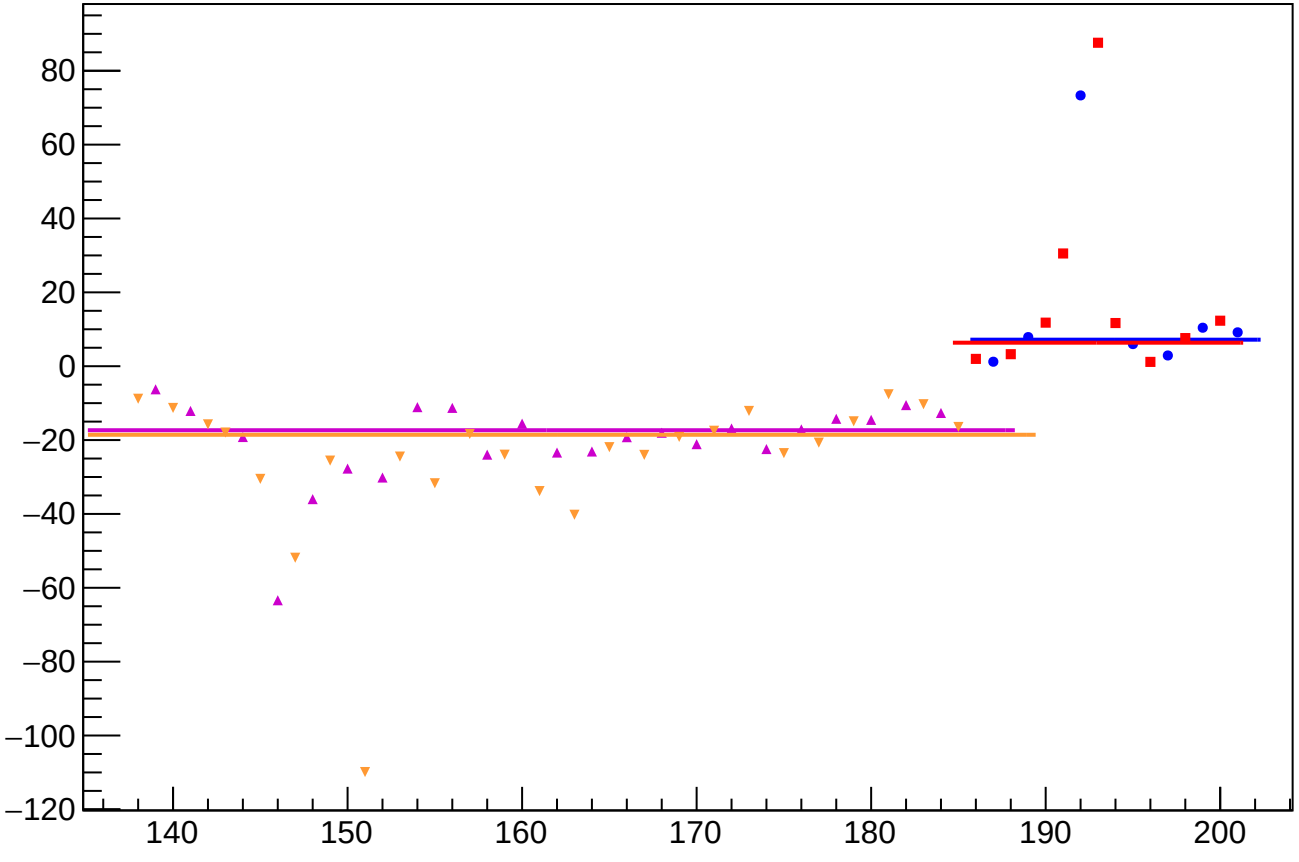
Right: 0.242+/-0.002 χ^2/NDF: 17309.9/50

In: 0.124+/-0.001 χ^2/NDF:11405.6/46

Out: 0.151+/-0.001 χ^2/NDF:17898.8/51

All: 0.137+/-0.001 χ^2/NDF: 29502.4/98

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.185+/-0.086 χ^2/NDF: 11333.1/6

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 6.369+/-0.071 χ^2/NDF: 24808.0/8

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

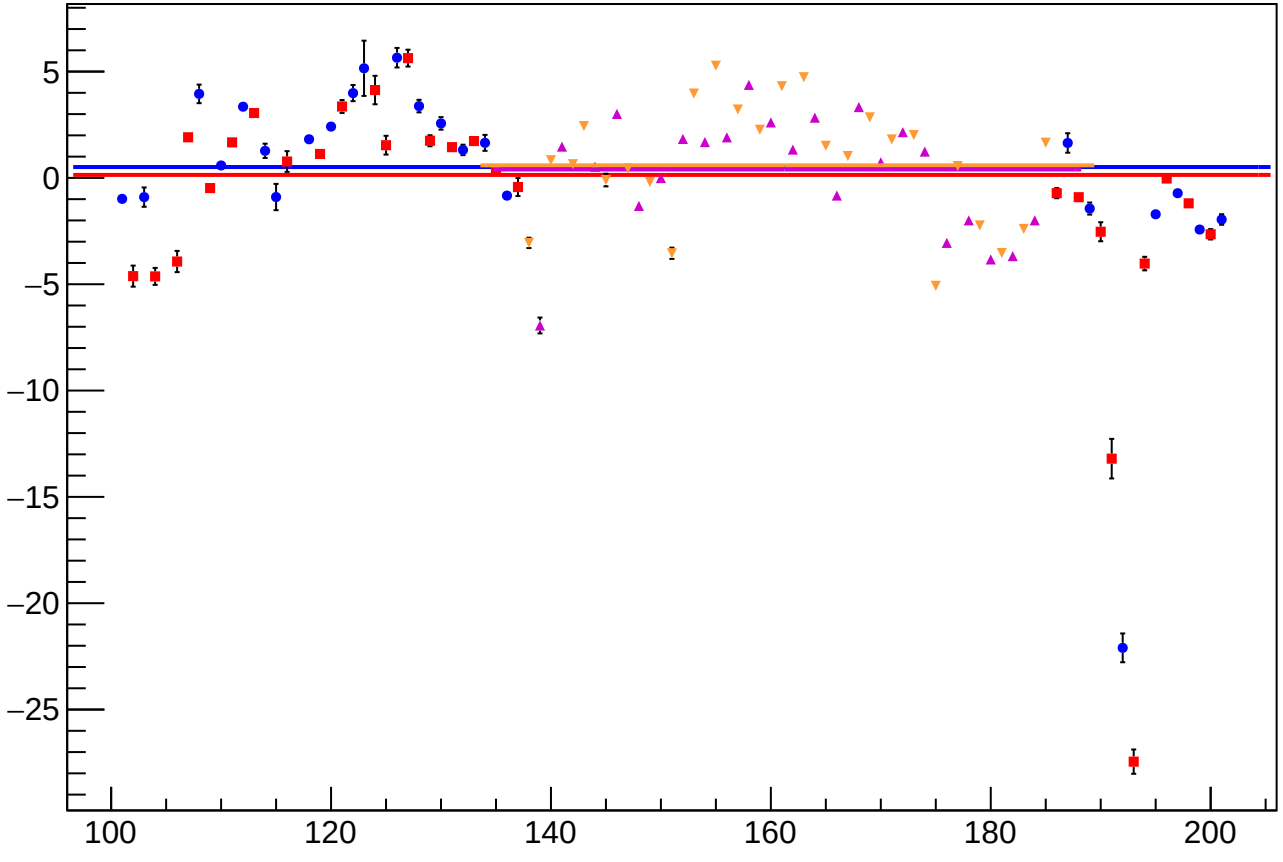
Right: 6.703+/-0.055 χ^2/NDF: 36194.5/15

In: -13.106+/-0.036 χ^2/NDF:123085.5/29

Out: -12.587+/-0.035 χ^2/NDF:203662.1/33

All: -12.842+/-0.025 χ^2/NDF: 326855.4/63

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.511+/-0.052 χ^2/NDF: 2520.2/23

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.141+/-0.050 χ^2/NDF: 4162.7/26

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

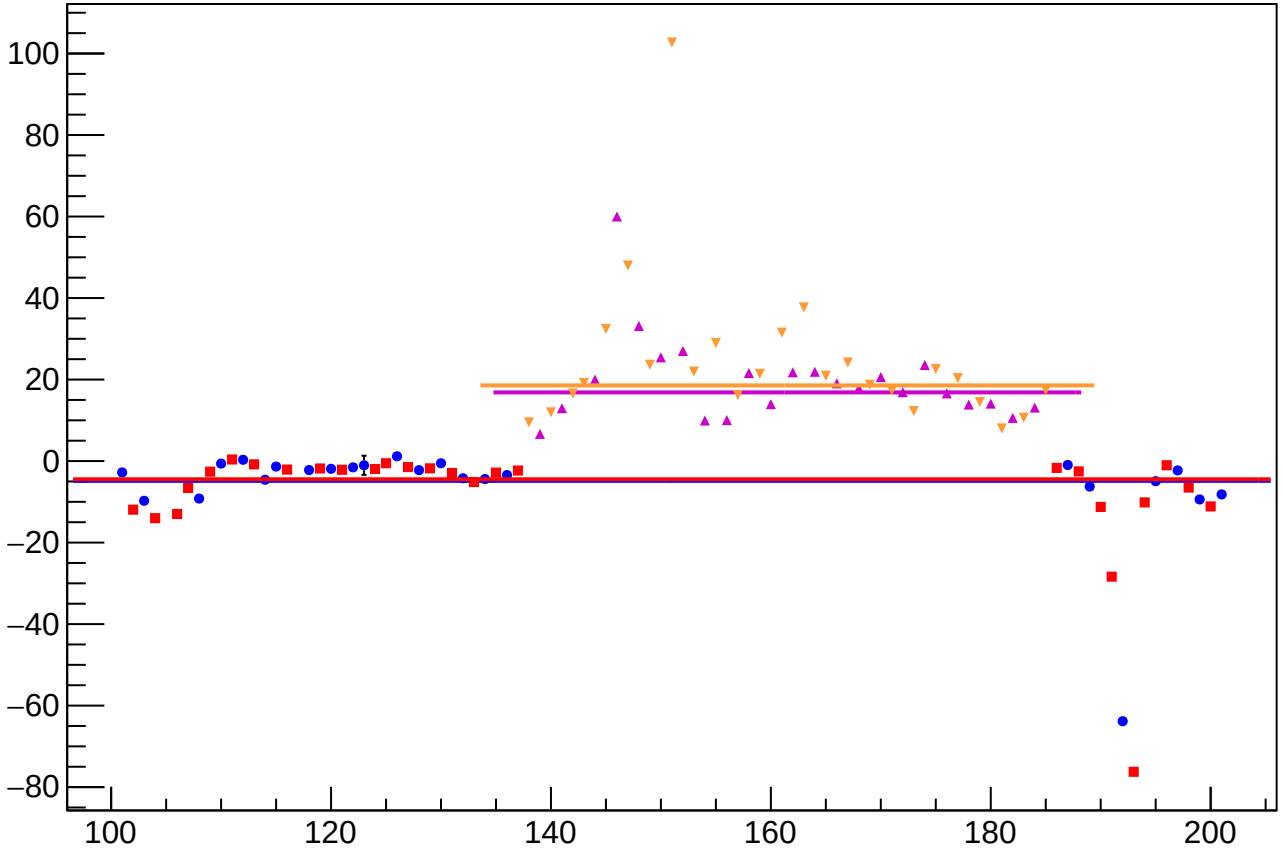
Right: 0.315+/-0.036 χ^2/NDF: 6709.2/50

In: 0.425+/-0.027 χ^2/NDF:8636.5/46

Out: 0.450+/-0.028 χ^2/NDF:10999.7/51

All: 0.438+/-0.019 χ^2/NDF: 19636.6/98

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.854+/-0.061 χ^2/NDF: 12772.1/23

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.467+/-0.052 χ^2/NDF: 26633.9/26

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

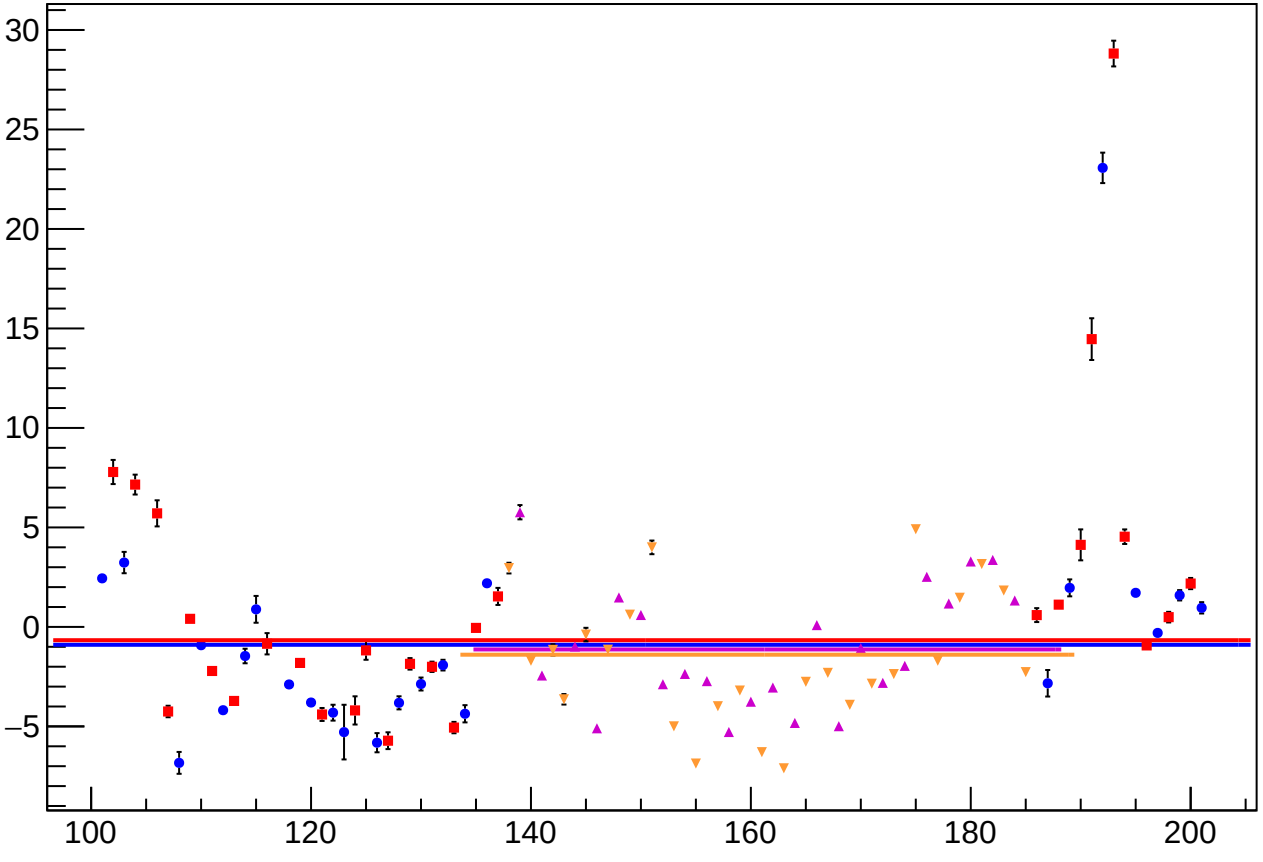
Right: -4.627+/-0.039 χ^2/NDF: 39429.2/50

In: 10.670+/-0.033 χ^2/NDF:142677.6/46

Out: 9.836+/-0.032 χ^2/NDF:226498.8/51

All: 10.239+/-0.023 χ^2/NDF: 369510.1/98

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.898+/-0.061 χ^2/NDF: 2714.2/23

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.668+/-0.058 χ^2/NDF: 4362.5/26

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

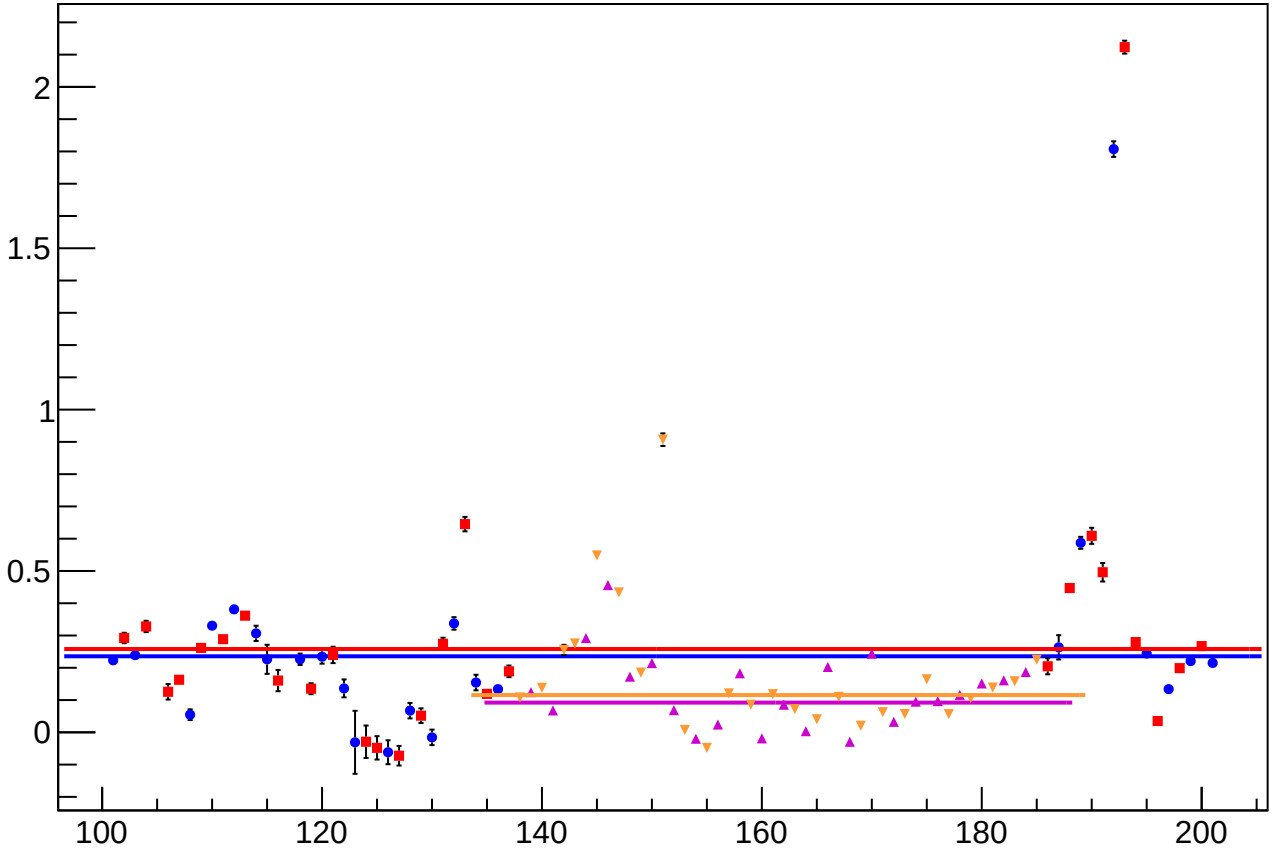
Right: -0.776+/-0.042 χ^2/NDF: 7084.1/50

In: -1.075+/-0.030 χ^2/NDF:9363.5/46

Out: -1.187+/-0.031 χ^2/NDF:12105.7/51

All: -1.129+/-0.022 χ^2/NDF: 21475.8/98

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236+/-0.003 χ^2/NDF: 5482.5/23

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.258+/-0.003 χ^2/NDF: 11115.4/26

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.247+/-0.002 χ^2/NDF: 16631.6/50

In: 0.126+/-0.001 χ^2/NDF:11152.9/46

Out: 0.154+/-0.001 χ^2/NDF:17568.2/51

All: 0.140+/-0.001 χ^2/NDF: 28930.4/98