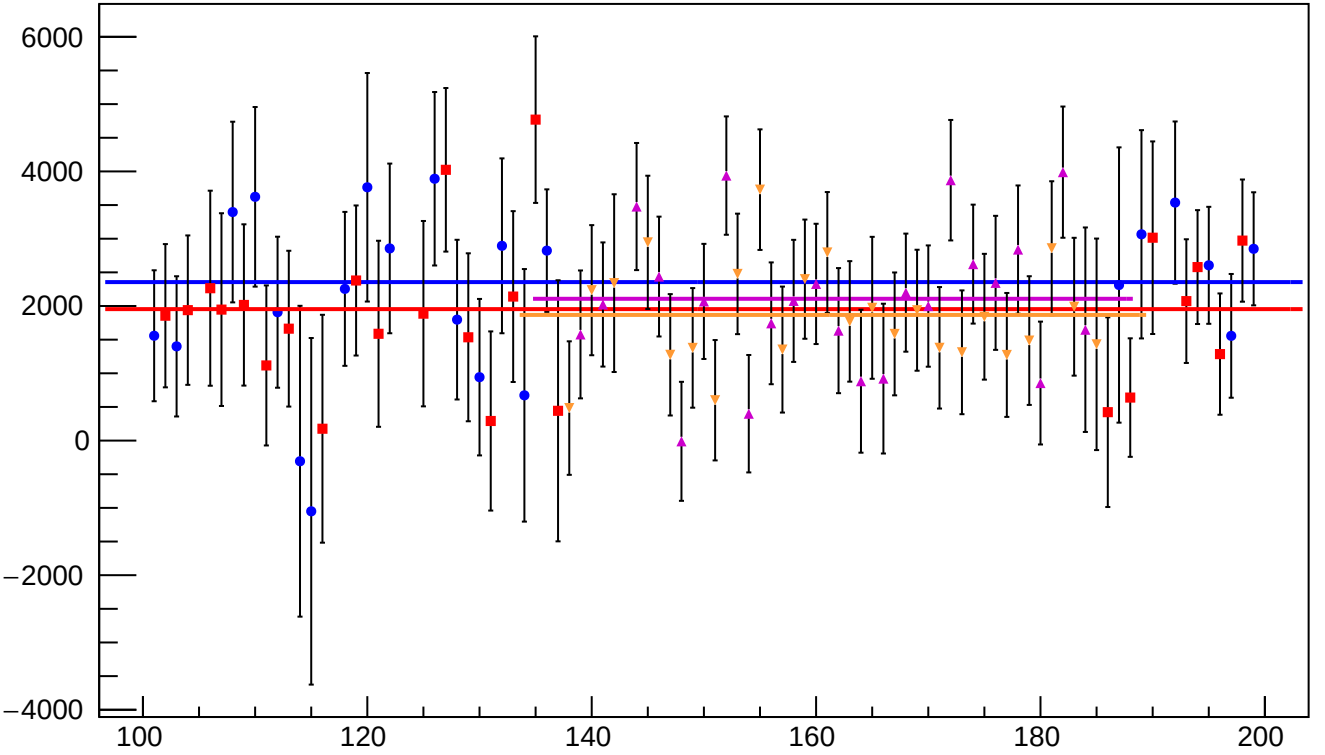
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2355.323+/-255.078 χ^2/NDF: 13.8/21

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

Right Out: 1953.781+/-237.431 χ^2/NDF: 18.6/23

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

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

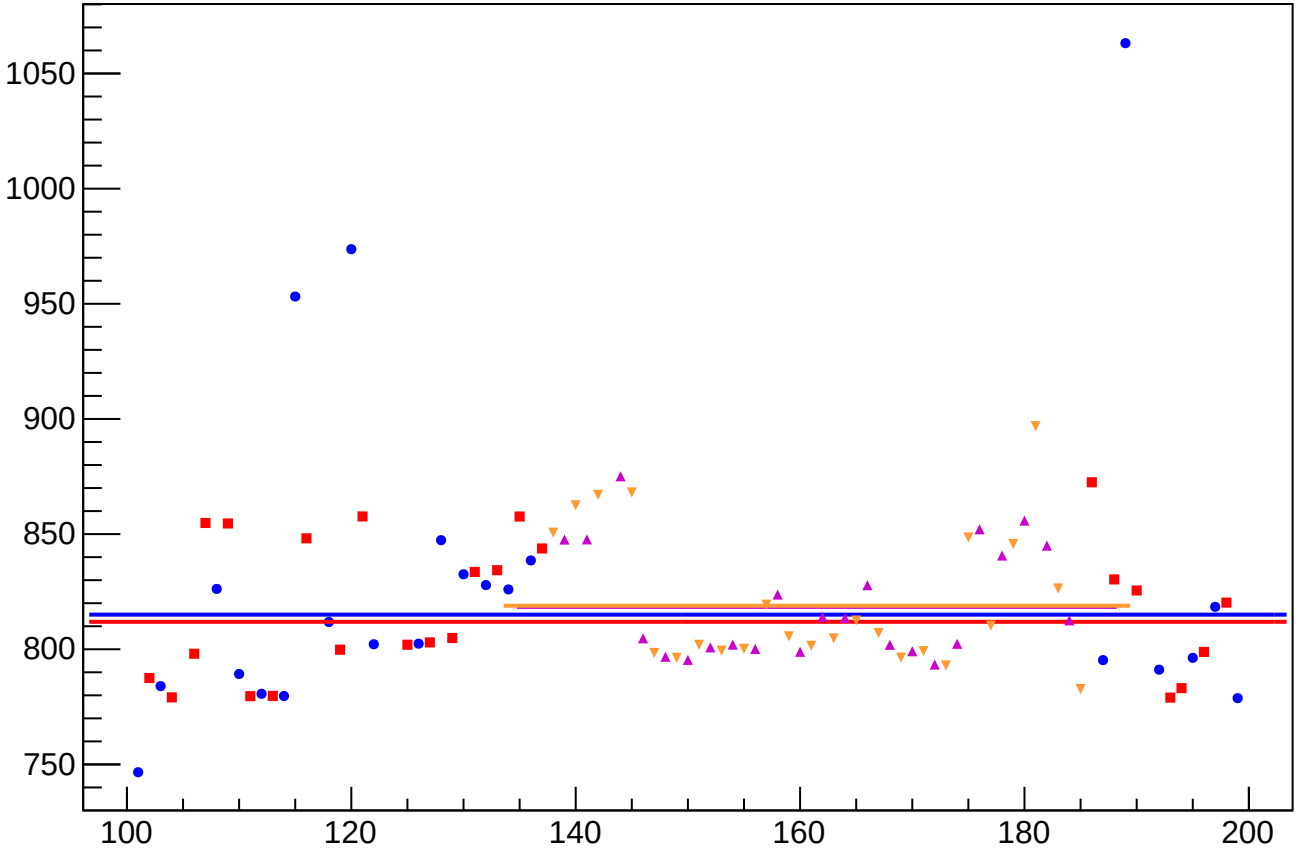
Right: 2140.183+/-173.793 χ^2/NDF: 33.8/45

In: 2198.726+/-154.897 χ^2/NDF:44.4/44

Out: 1902.220+/-150.600 χ^2/NDF:33.8/47

All: 2046.304+/-107.978 χ^2/NDF: 80.1/92

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 815.035+/-0.180 χ^2/NDF: 99127.1/21

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

Right Out: 811.937+/-0.168 χ^2/NDF: 28586.3/23

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

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

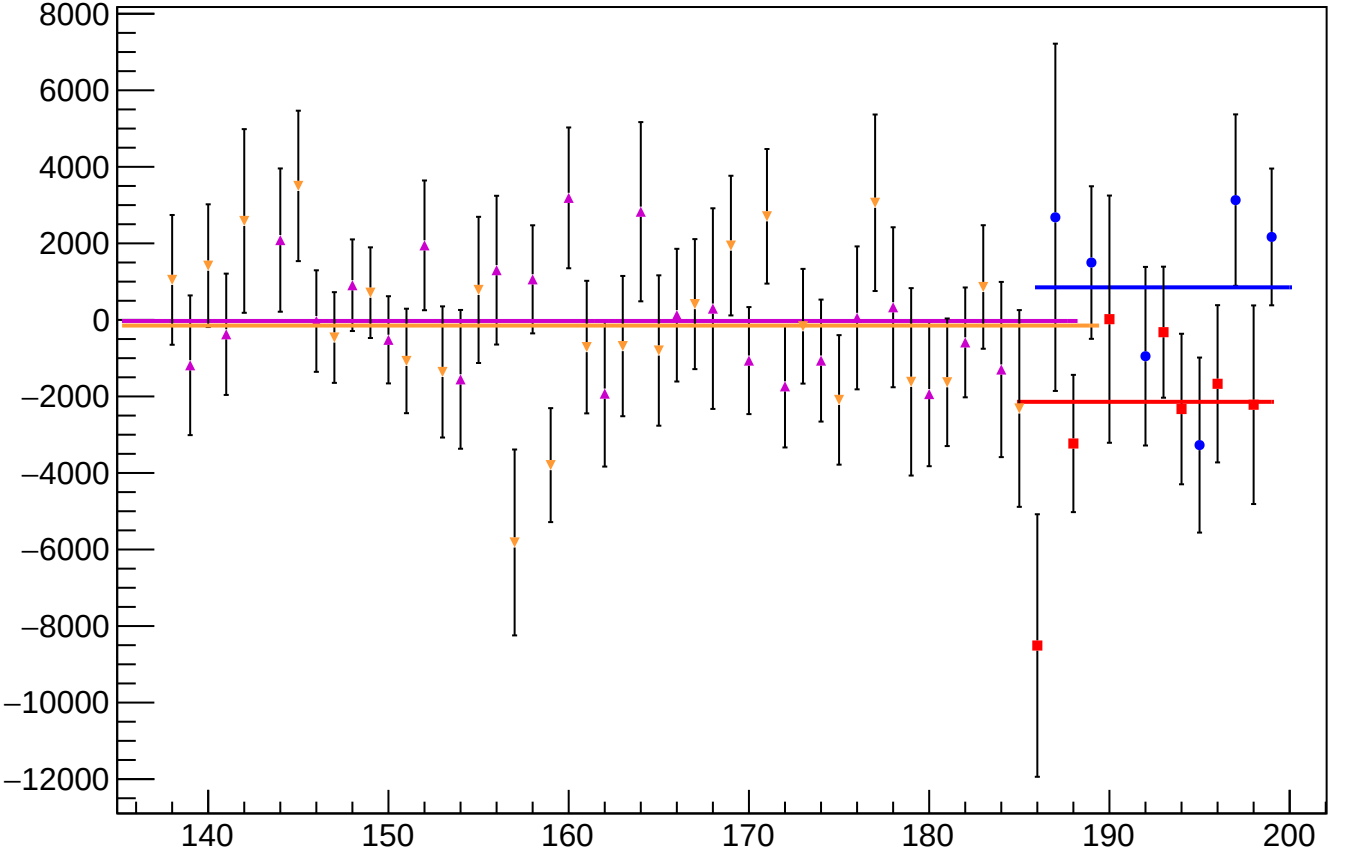
Right: 813.375+/-0.123 χ^2/NDF: 127871.4/45

In: 817.161+/-0.110 χ^2/NDF:129254.2/44

Out: 816.099+/-0.106 χ^2/NDF:71285.3/47

All: 816.615+/-0.076 χ^2/NDF: 200587.9/92

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 850.961+/-917.698 χ^2/NDF: 5.7/5

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

Right Out: -2140.891+/-822.889 χ^2/NDF: 5.5/6

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

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

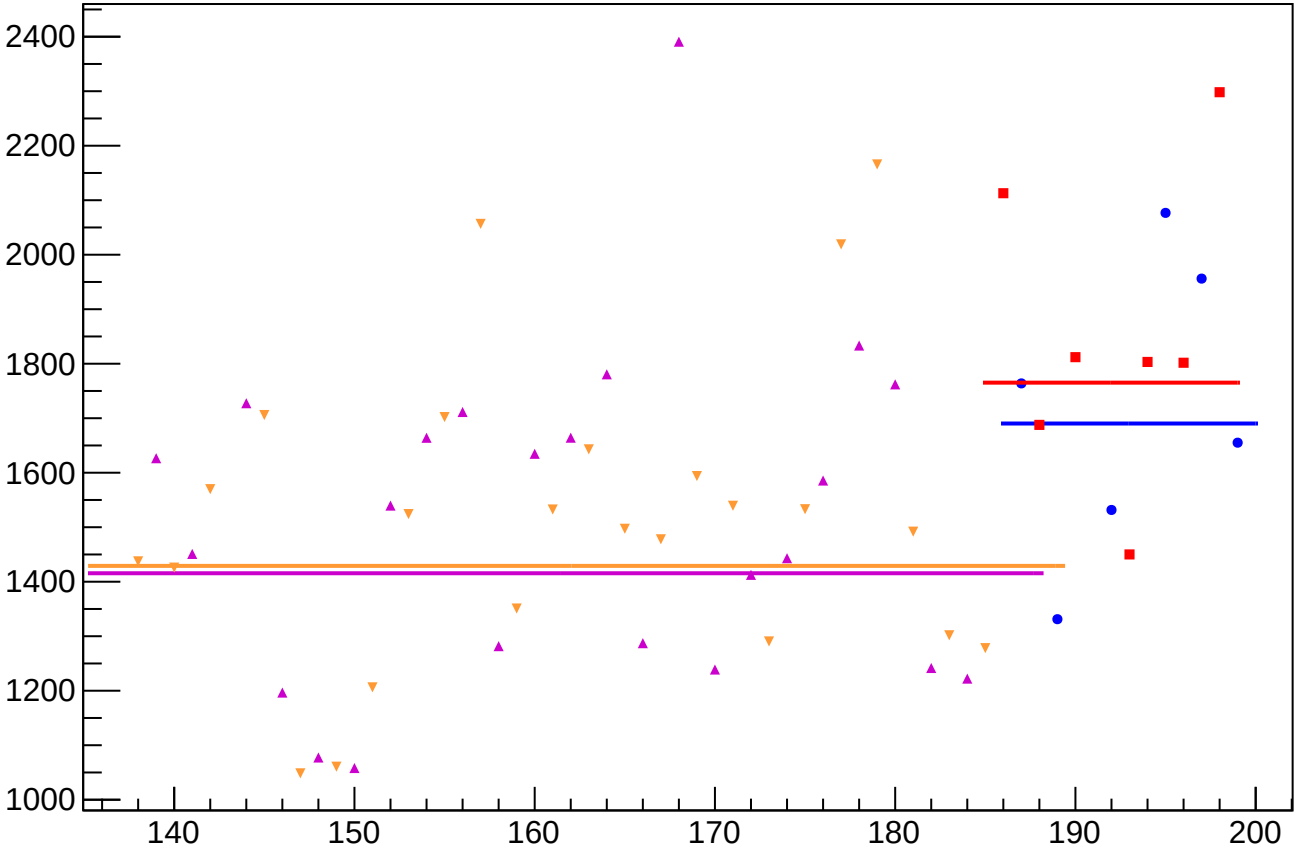
Right: -807.449+/-612.656 χ^2/NDF: 17.0/12

In: 80.659+/-322.301 χ^2/NDF:21.3/28

Out: -449.862+/-320.322 χ^2/NDF:39.7/30

All: -186.235+/-227.198 χ^2/NDF: 62.4/59

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1690.279+/-0.649 χ^2/NDF: 160670.2/5

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

Right Out: 1765.277+/-0.582 χ^2/NDF: 178189.4/6

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

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

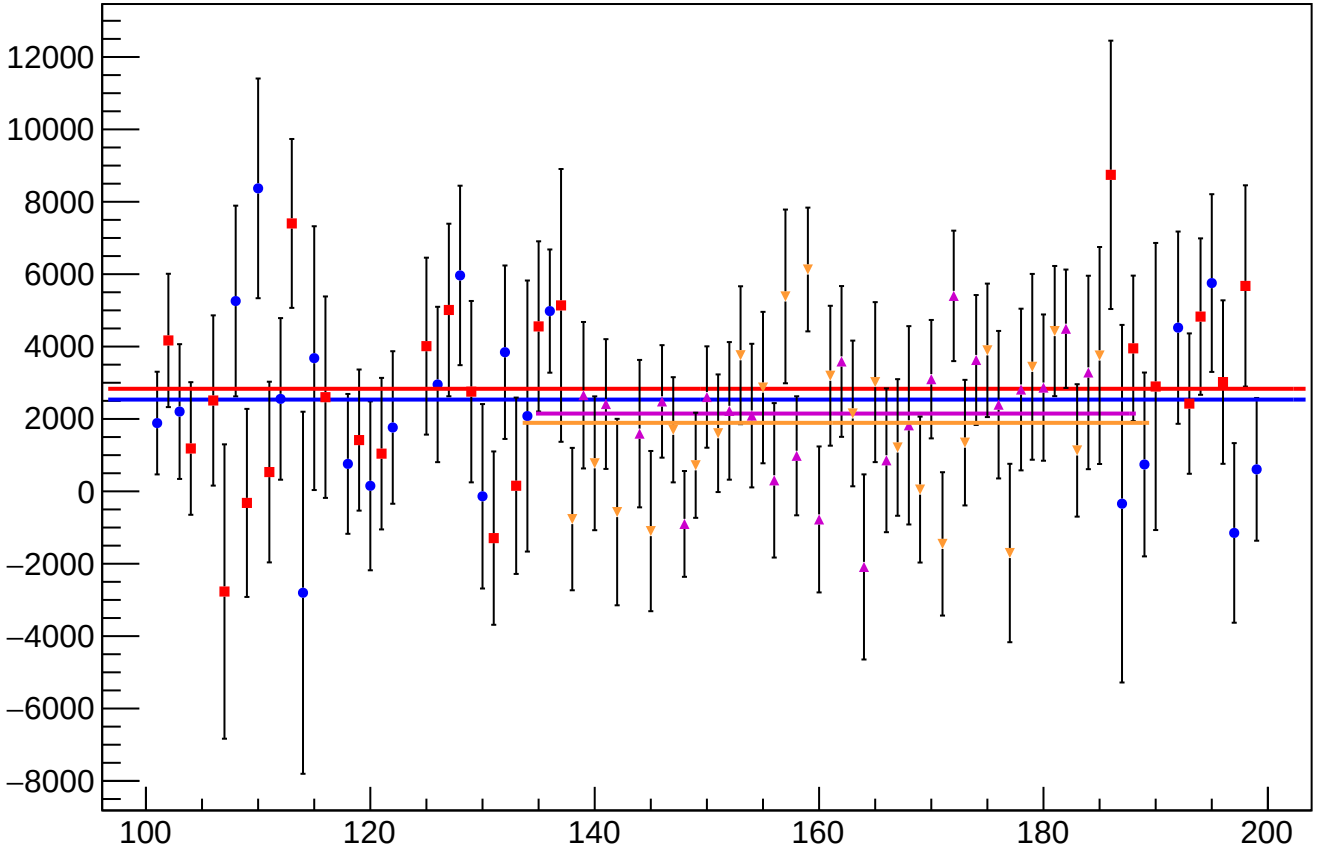
Right: 1731.851+/-0.433 χ^2/NDF: 346263.9/12

In: 1449.441+/-0.228 χ^2/NDF:1563401.3/28

Out: 1480.010+/-0.227 χ^2/NDF:1568417.5/30

All: 1464.820+/-0.161 χ^2/NDF: 3140870.2/59

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2535.158+/-495.142 χ^2/NDF: 20.0/21

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

Right Out: 2833.453+/-486.023 χ^2/NDF: 21.6/23

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

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

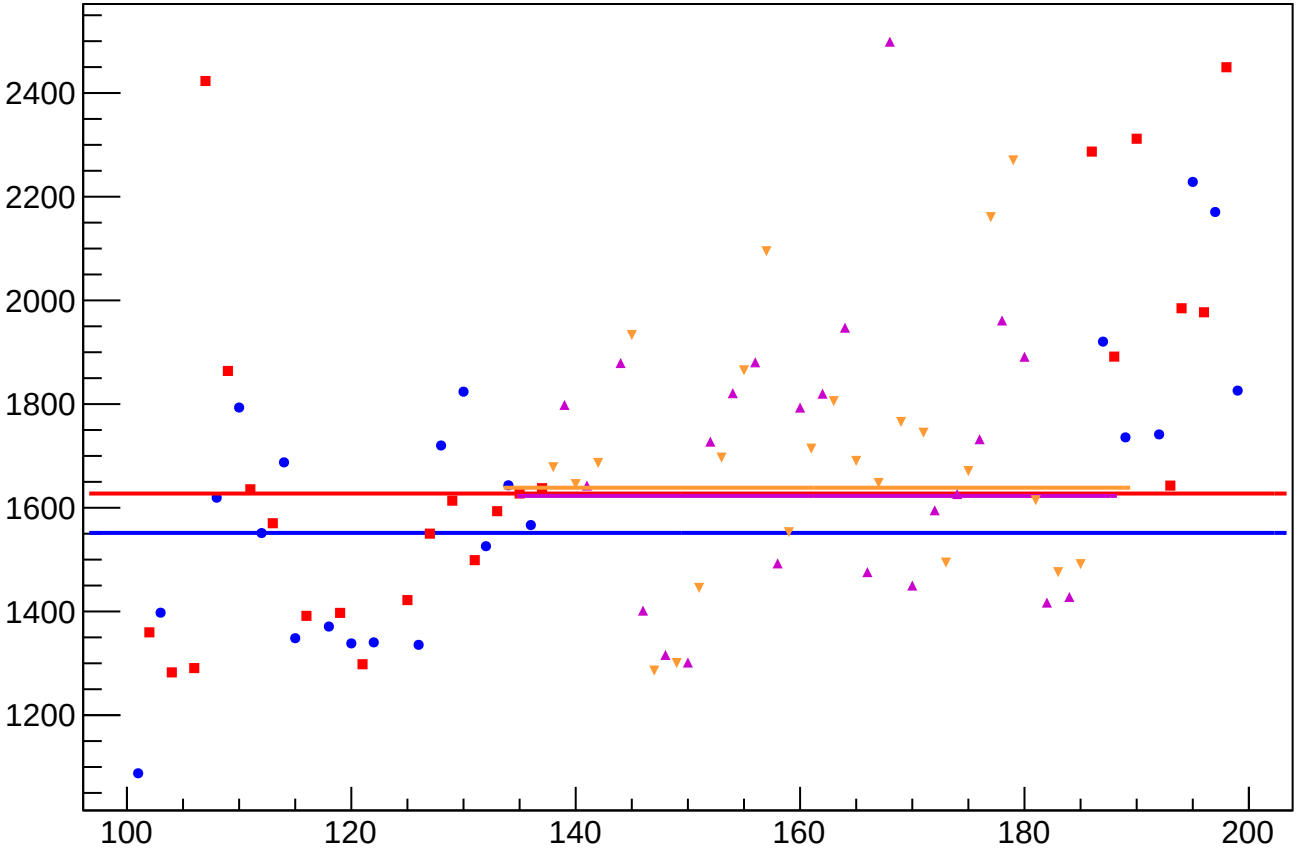
Right: 2687.078+/-346.849 χ^2/NDF: 41.8/45

In: 2297.567+/-307.205 χ^2/NDF:38.8/44

Out: 2266.565+/-306.438 χ^2/NDF:49.8/47

All: 2282.027+/-216.955 χ^2/NDF: 88.6/92

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1551.545+/-0.350 χ^2/NDF: 704564.4/21

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

Right Out: 1627.453+/-0.344 χ^2/NDF: 797873.4/23

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

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

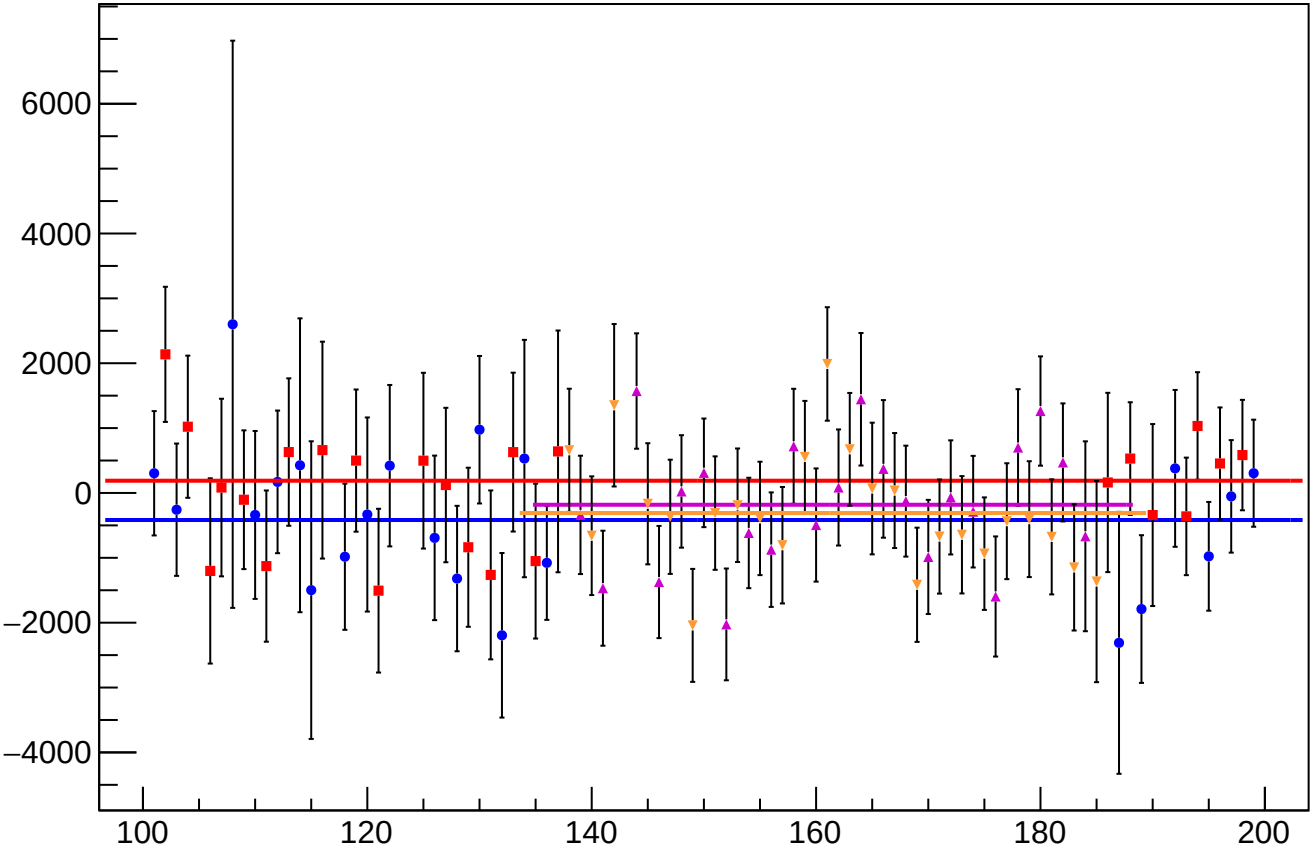
Right: 1590.204+/-0.245 χ^2/NDF: 1526377.5/45

In: 1595.418+/-0.217 χ^2/NDF:1510616.3/44

Out: 1634.216+/-0.217 χ^2/NDF:1470499.3/47

All: 1614.866+/-0.153 χ^2/NDF: 2997106.3/92

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -417.105+/-249.088 χ^2/NDF: 11.6/21

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

Right Out: 188.604+/-230.068 χ^2/NDF: 13.8/23

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

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

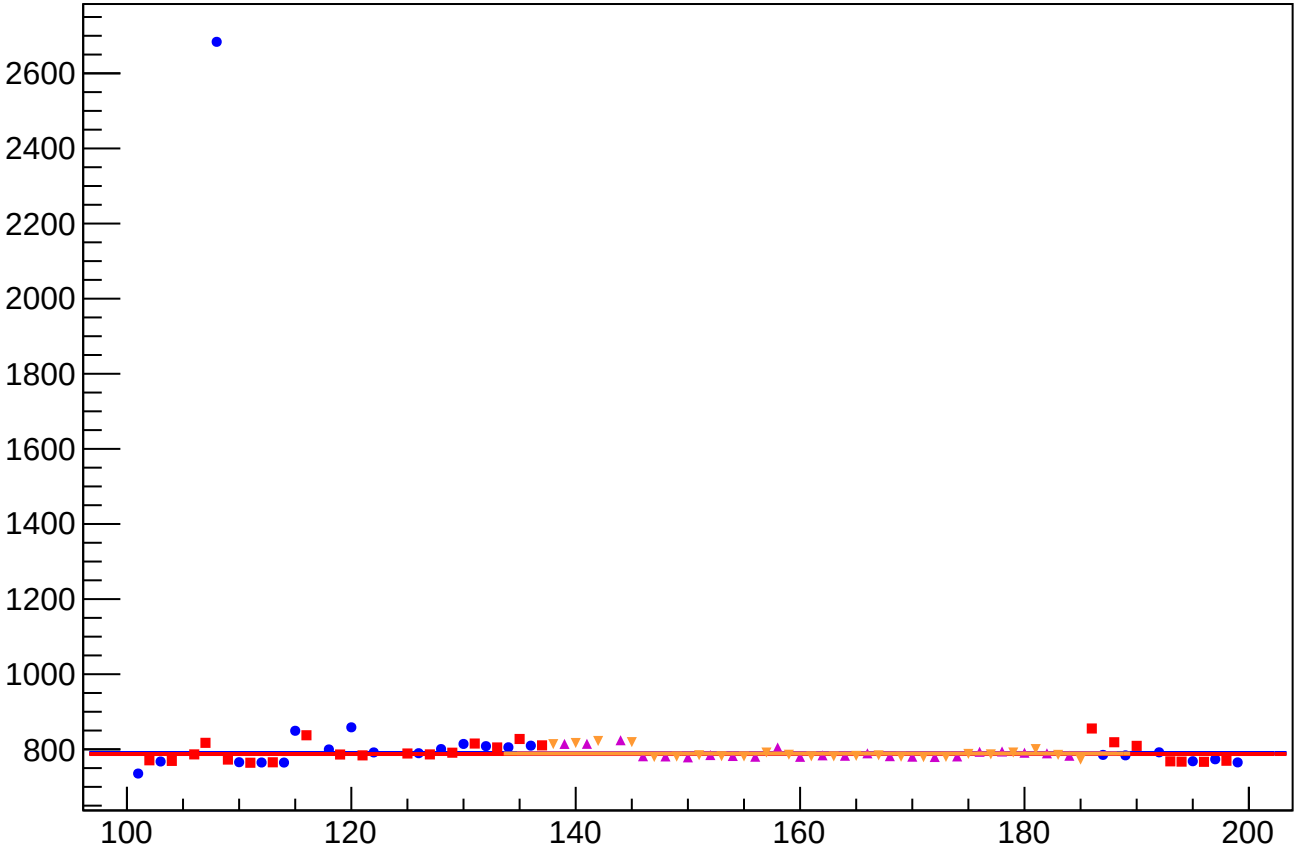
Right: -90.246+/-169.007 χ^2/NDF: 28.5/45

In: -267.275+/-150.024 χ^2/NDF:37.7/44

Out: -110.362+/-145.321 χ^2/NDF:37.1/47

All: -186.320+/-104.380 χ^2/NDF: 75.4/92

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 790.207+/-0.176 χ^2/NDF: 396997.5/21

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

Right Out: 787.465+/-0.163 χ^2/NDF: 21741.5/23

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

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

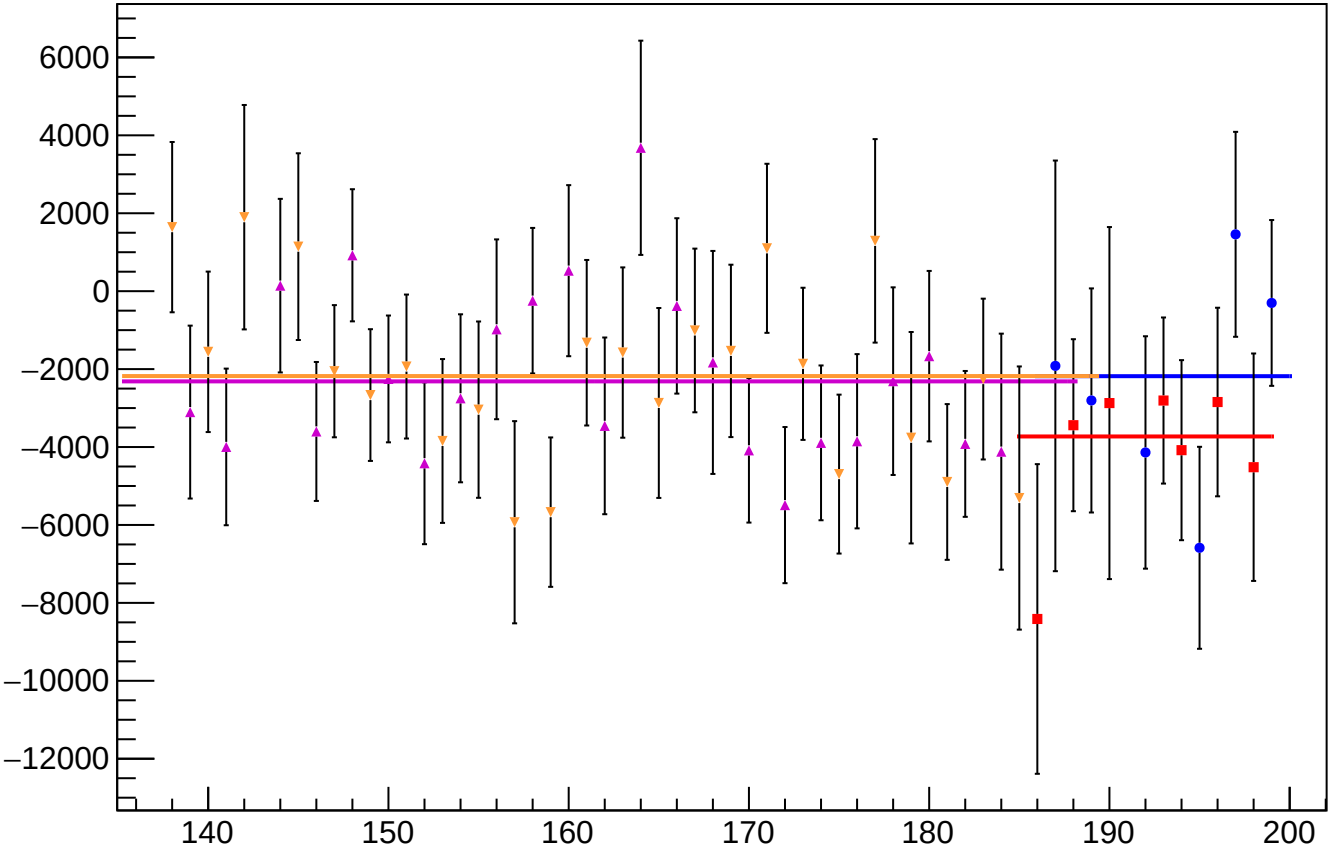
Right: 788.727+/-0.120 χ^2/NDF: 418869.8/45

In: 789.697+/-0.106 χ^2/NDF:406229.7/44

Out: 788.319+/-0.103 χ^2/NDF:31129.6/47

All: 788.986+/-0.074 χ^2/NDF: 437446.4/92

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -2181.615+/-1129.640 χ^2/NDF: 6.1/5

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

Right Out: -3728.755+/-993.490 χ^2/NDF: 1.9/6

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

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

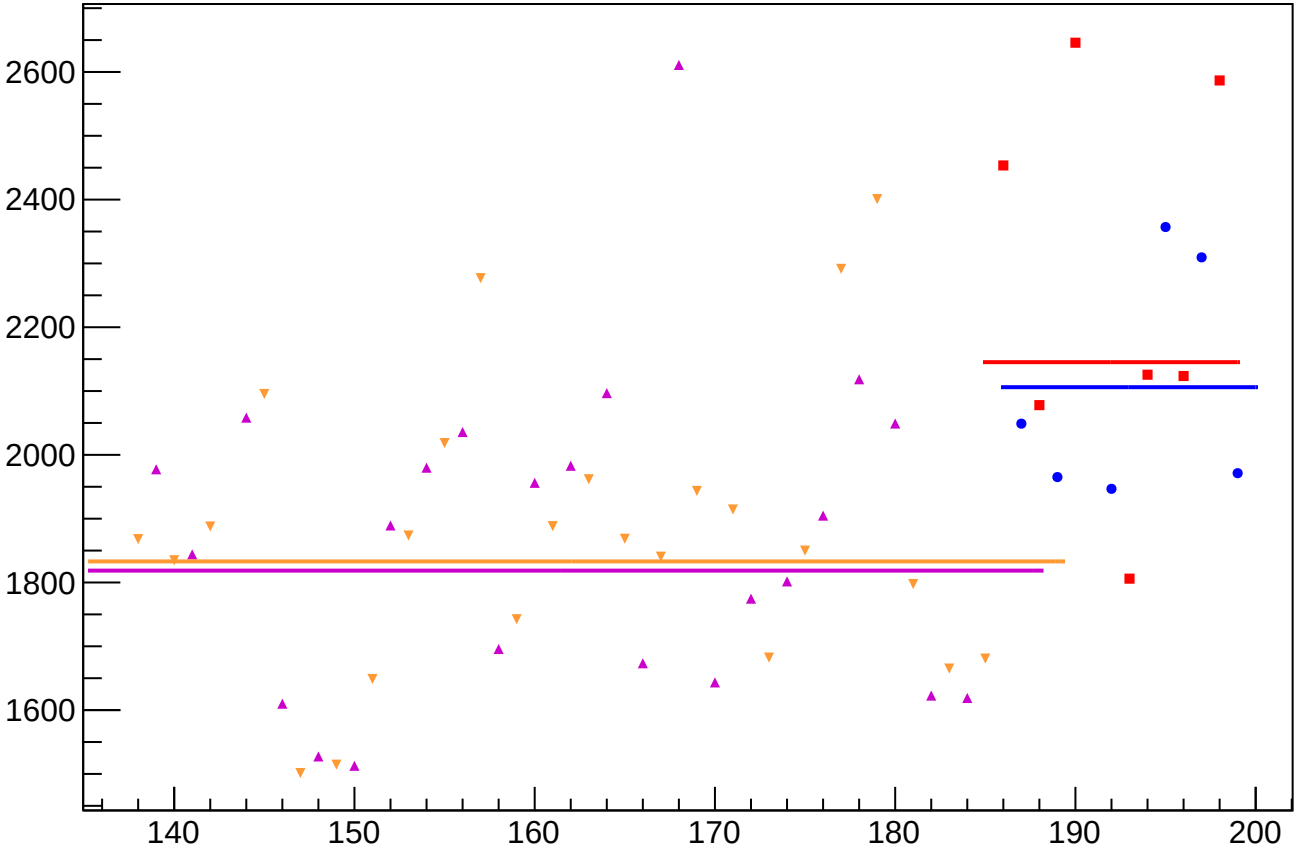
Right: -3053.992+/-746.021 χ^2/NDF: 9.0/12

In: -2297.784+/-407.569 χ^2/NDF:28.1/28

Out: -2432.358+/-402.051 χ^2/NDF:26.6/30

All: -2365.988+/-286.224 χ^2/NDF: 54.7/59

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 2106.046+/-0.799 χ^2/NDF: 49477.0/5

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

Right Out: 2145.259+/-0.703 χ^2/NDF: 135184.1/6

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

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

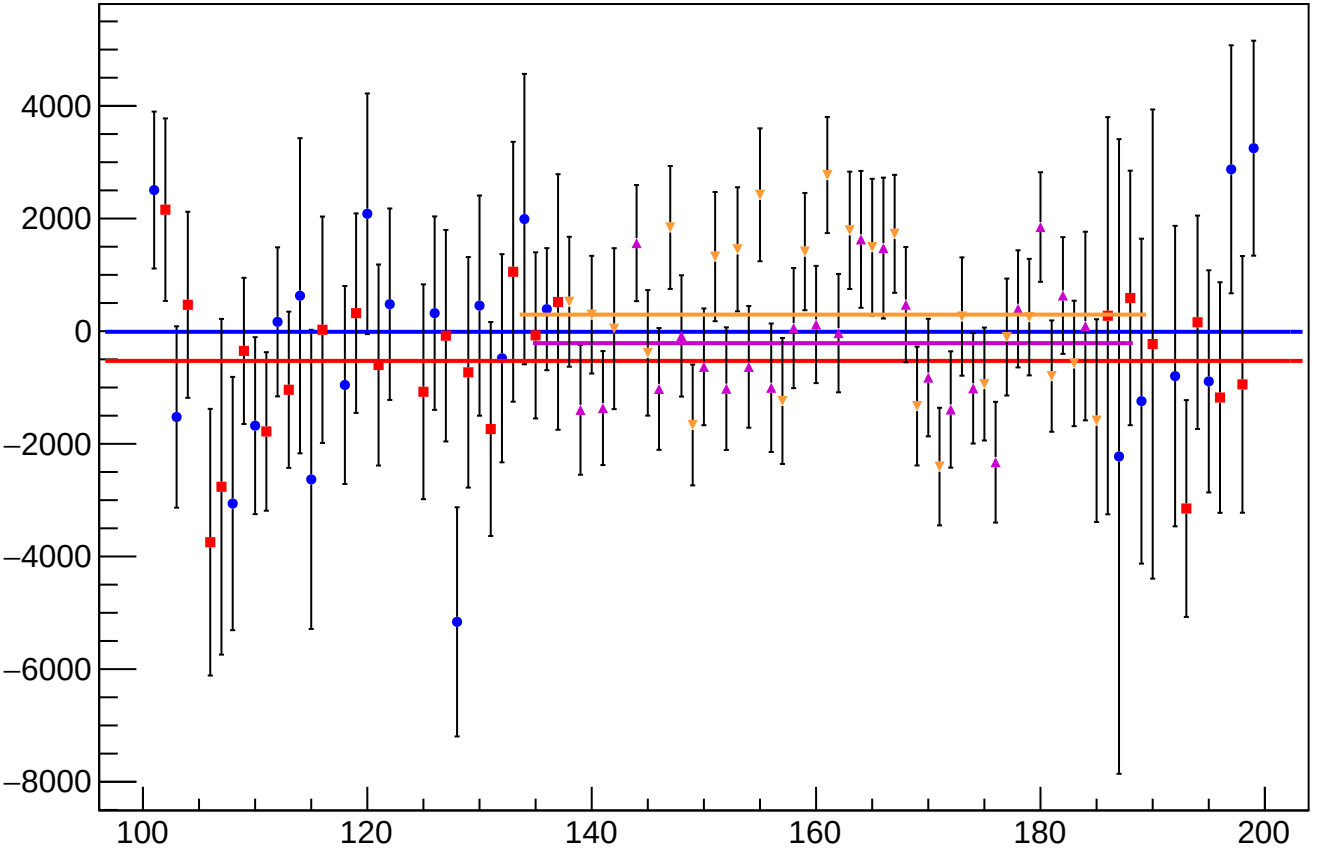
Right: 2128.156+/-0.528 χ^2/NDF: 186020.0/12

In: 1856.013+/-0.288 χ^2/NDF:698948.4/28

Out: 1884.162+/-0.284 χ^2/NDF:765839.6/30

All: 1870.279+/-0.202 χ^2/NDF: 1469623.1/59

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -10.858+/-395.252 χ^2/NDF: 22.1/21

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

Right Out: -527.263+/-384.407 χ^2/NDF: 10.5/23

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

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

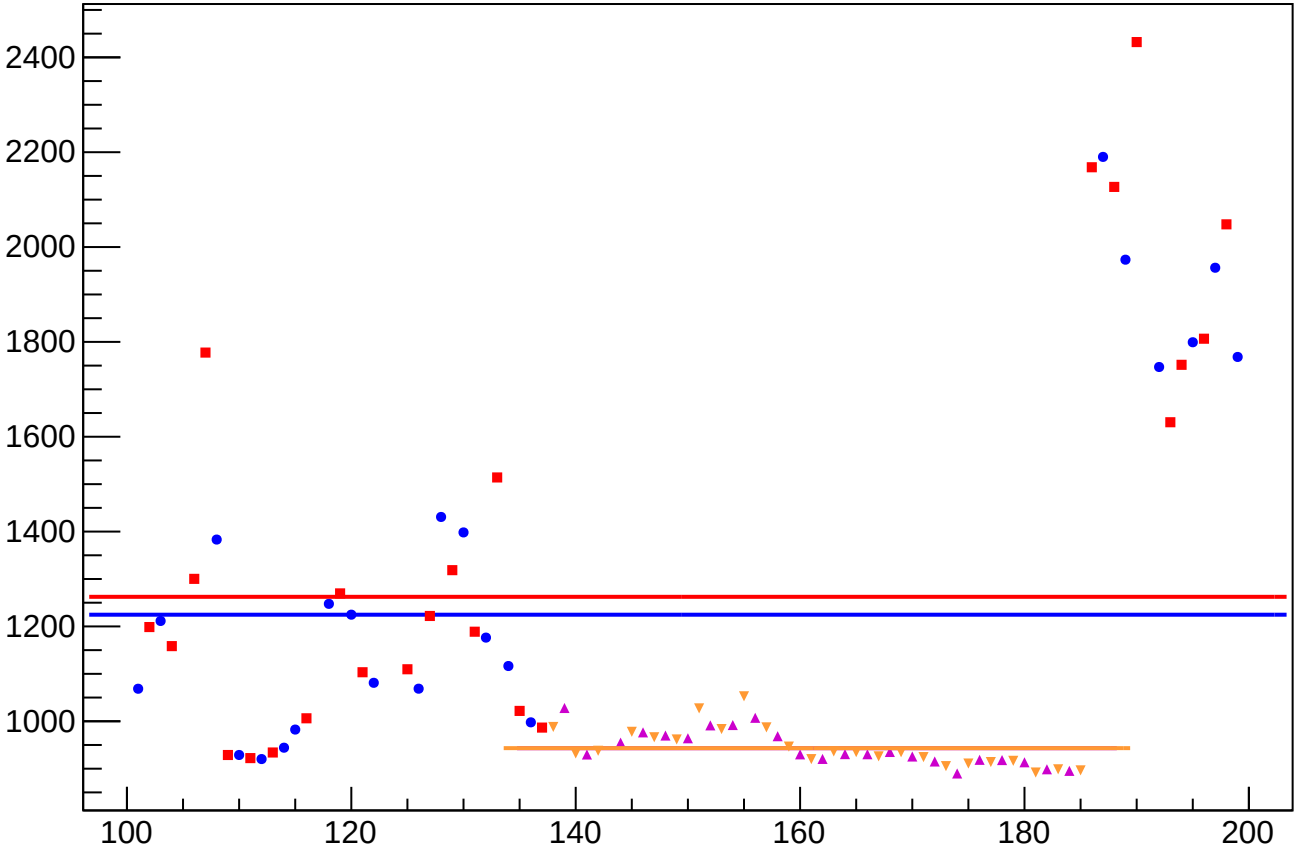
Right: -276.242+/-275.571 χ^2/NDF: 33.5/45

In: -162.931+/-195.341 χ^2/NDF:46.0/44

Out: 85.830+/-193.760 χ^2/NDF:52.2/47

All: -37.540+/-137.565 χ^2/NDF: 99.1/92

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1224.707+/-0.279 χ^2/NDF: 1231649.1/21

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

Right Out: 1262.427+/-0.272 χ^2/NDF: 1773618.5/23

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

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

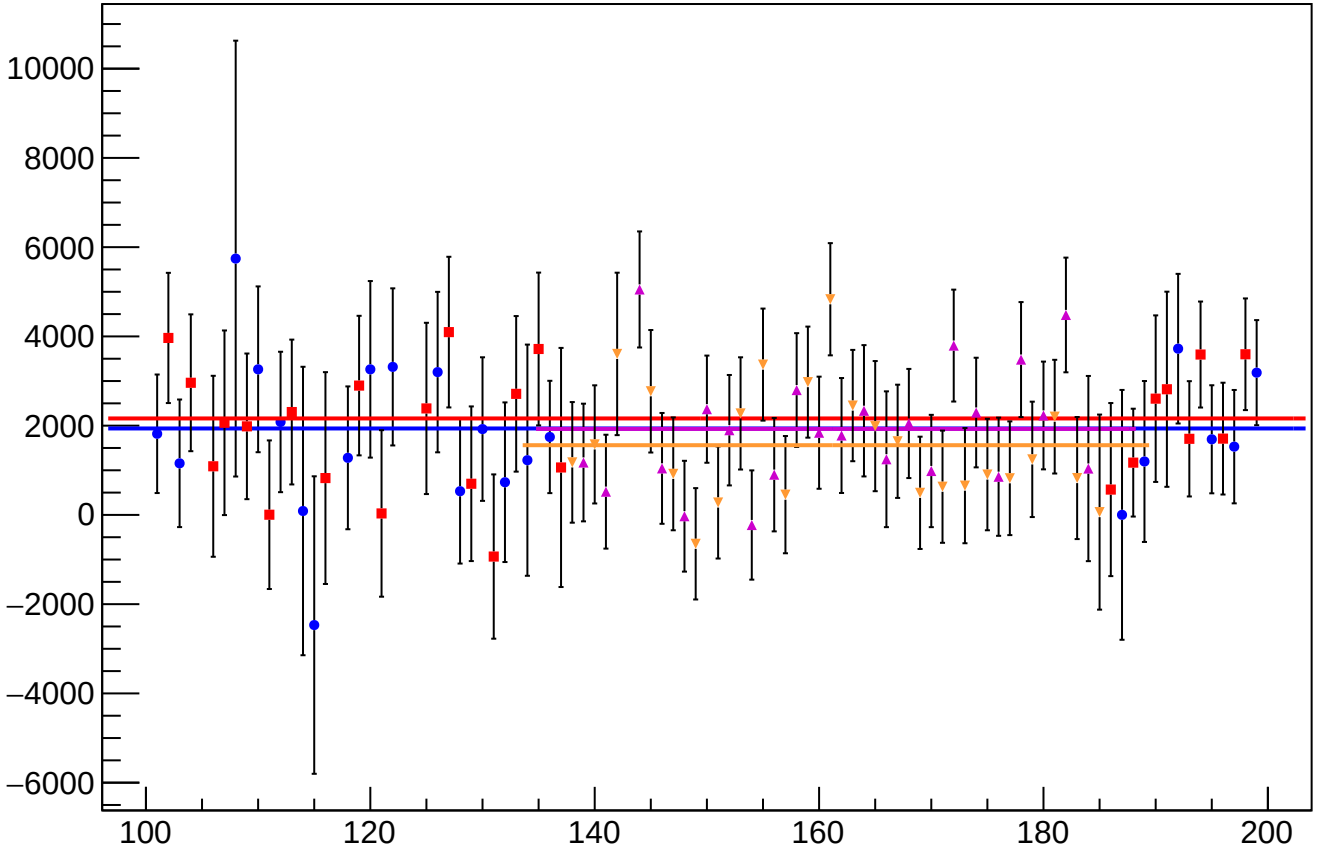
Right: 1244.092+/-0.195 χ^2/NDF: 3014628.8/45

In: 1011.911+/-0.138 χ^2/NDF:2048661.3/44

Out: 1024.400+/-0.137 χ^2/NDF:2862049.4/47

All: 1018.206+/-0.097 χ^2/NDF: 4914831.8/92

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1937.108+/-355.132 χ^2/NDF: 9.6/21

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

Right Out: 2161.710+/-325.242 χ^2/NDF: 16.1/24

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

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

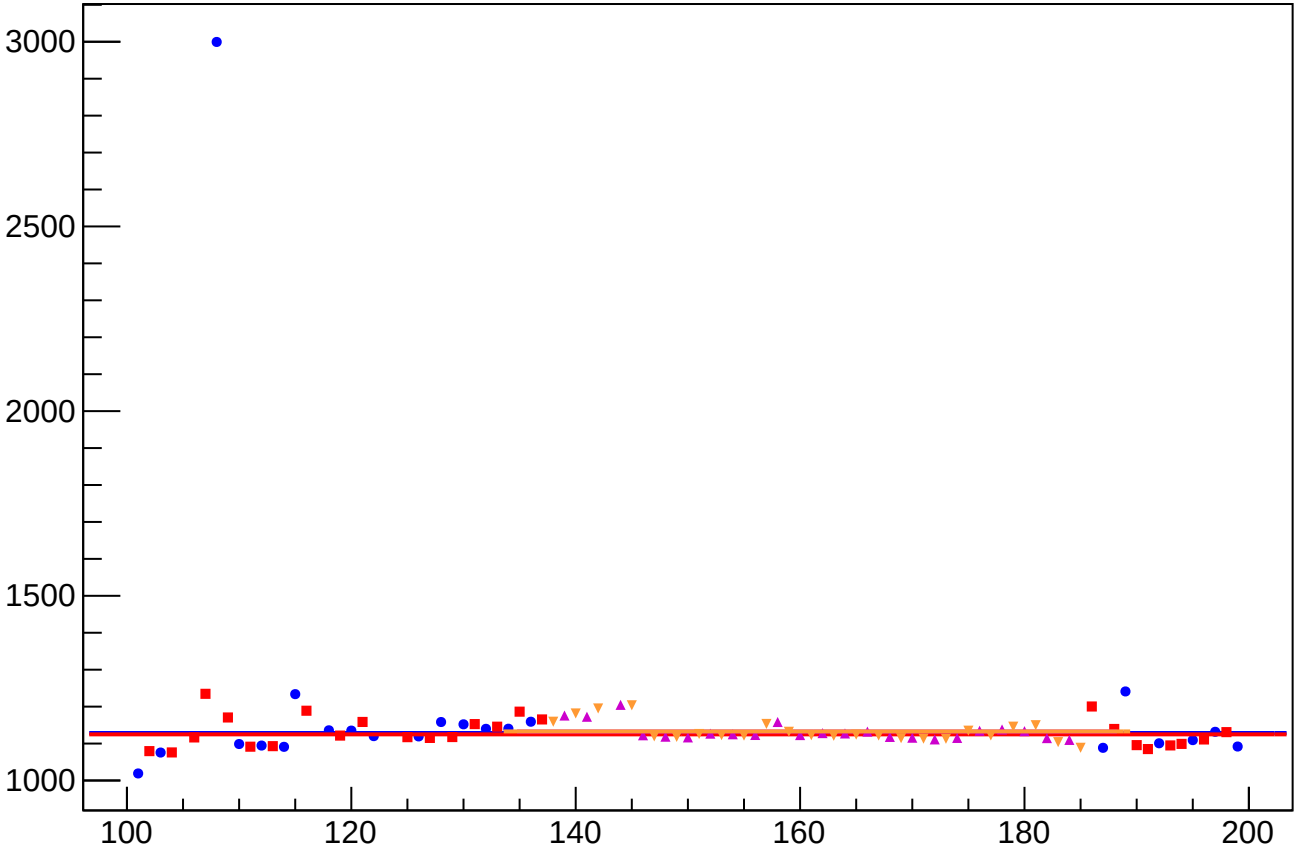
Right: 2059.258+/-239.853 χ^2/NDF: 25.9/46

In: 1930.652+/-214.767 χ^2/NDF:33.7/44

Out: 1805.946+/-207.413 χ^2/NDF:39.9/48

All: 1866.127+/-149.195 χ^2/NDF: 73.8/93

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1128.576+/-0.251 χ^2/NDF: 327348.9/21

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

Right Out: 1124.918+/-0.230 χ^2/NDF: 25578.5/24

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

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

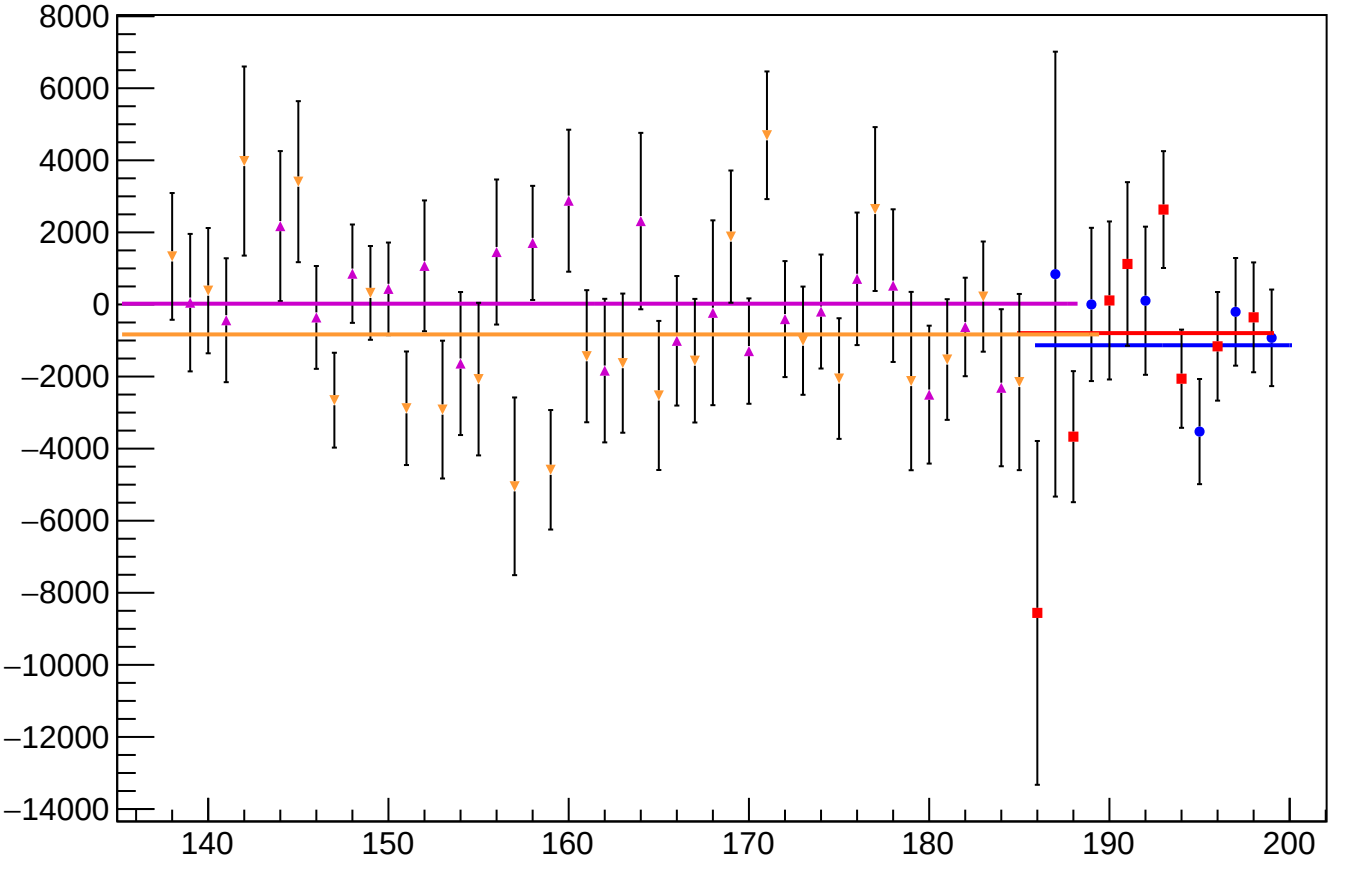
Right: 1126.587+/-0.170 χ^2/NDF: 353042.9/46

In: 1131.110+/-0.152 χ^2/NDF:342034.2/44

Out: 1129.643+/-0.147 χ^2/NDF:43076.9/48

All: 1130.351+/-0.105 χ^2/NDF: 385159.3/93

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1131.718+/-714.396 χ^2/NDF: 3.9/5

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

Right Out: -794.751+/-627.633 χ^2/NDF: 11.5/7

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

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

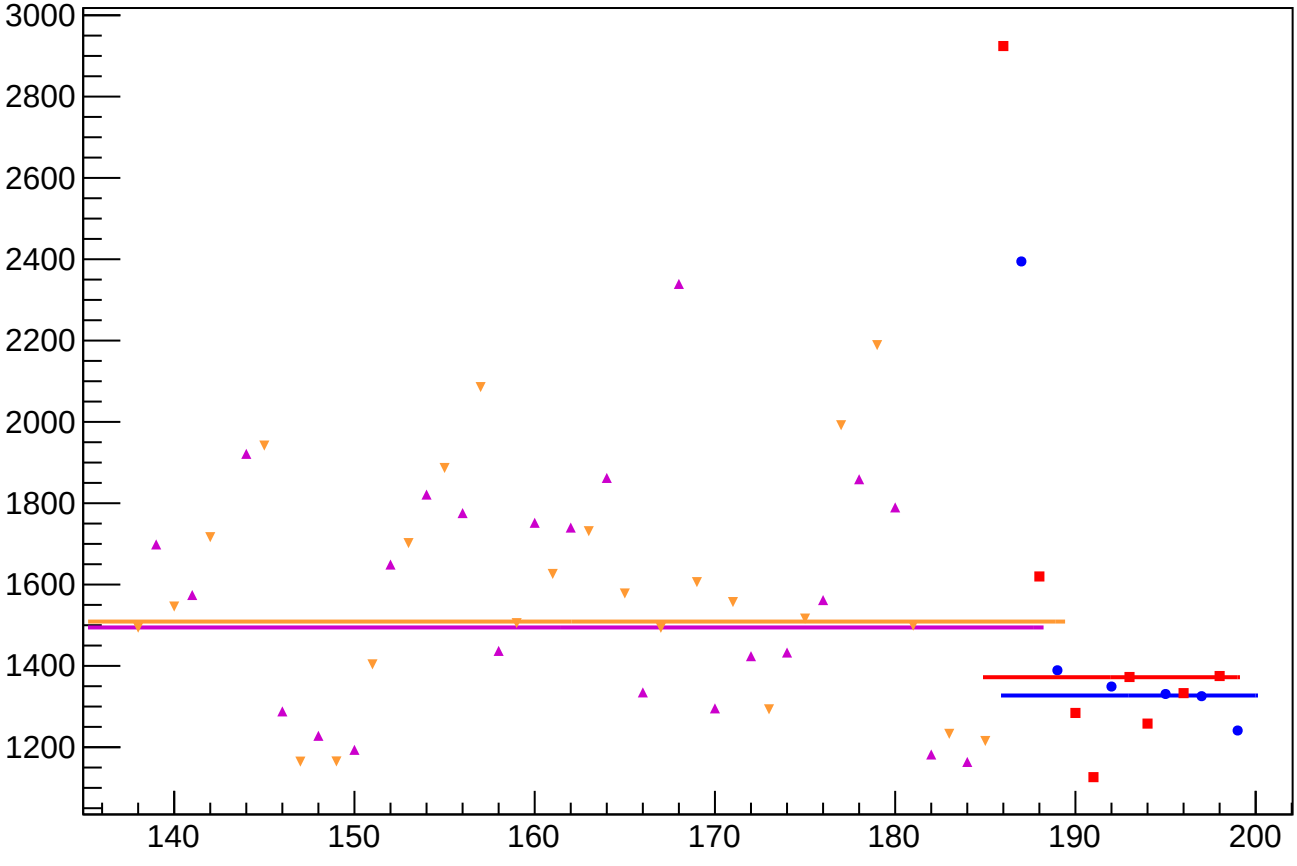
Right: -941.540+/-471.511 χ^2/NDF: 15.5/13

In: -214.668+/-323.247 χ^2/NDF:18.7/28

Out: -821.744+/-316.225 χ^2/NDF:51.6/31

All: -524.872+/-226.047 χ^2/NDF: 72.1/60

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1327.158+/-0.505 χ^2/NDF: 70019.3/5

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

Right Out: 1372.132+/-0.444 χ^2/NDF: 290955.0/7

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

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

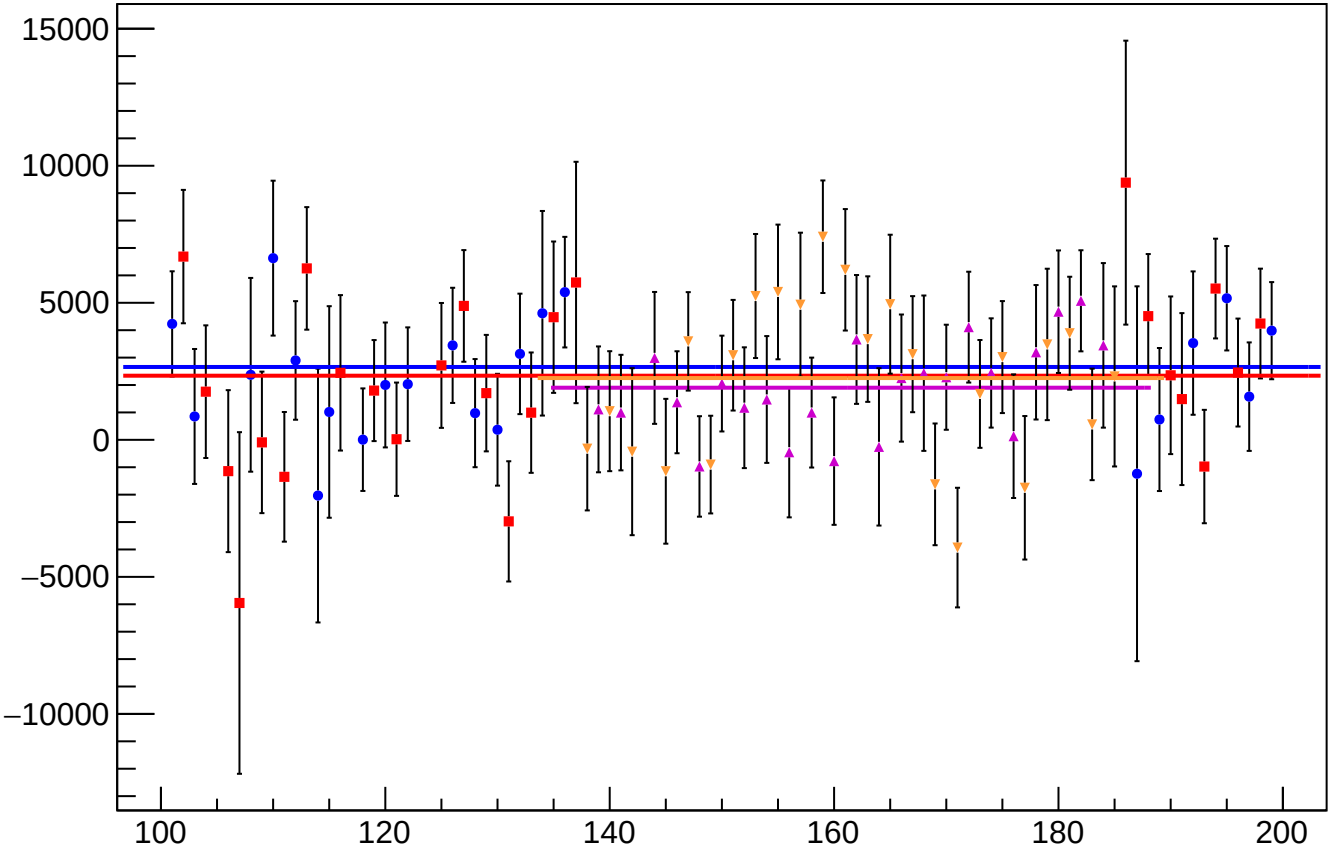
Right: 1352.540+/-0.333 χ^2/NDF: 365447.7/13

In: 1460.245+/-0.229 χ^2/NDF:1253578.7/28

Out: 1474.250+/-0.224 χ^2/NDF:1350586.2/31

All: 1467.401+/-0.160 χ^2/NDF: 2606083.4/60

asym_usl_mean vs Slug, Sign Corrected



Right In: 2658.268+/-494.290 χ^2/NDF: 14.4/21

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

Right Out: 2339.726+/-476.071 χ^2/NDF: 32.6/24

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

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

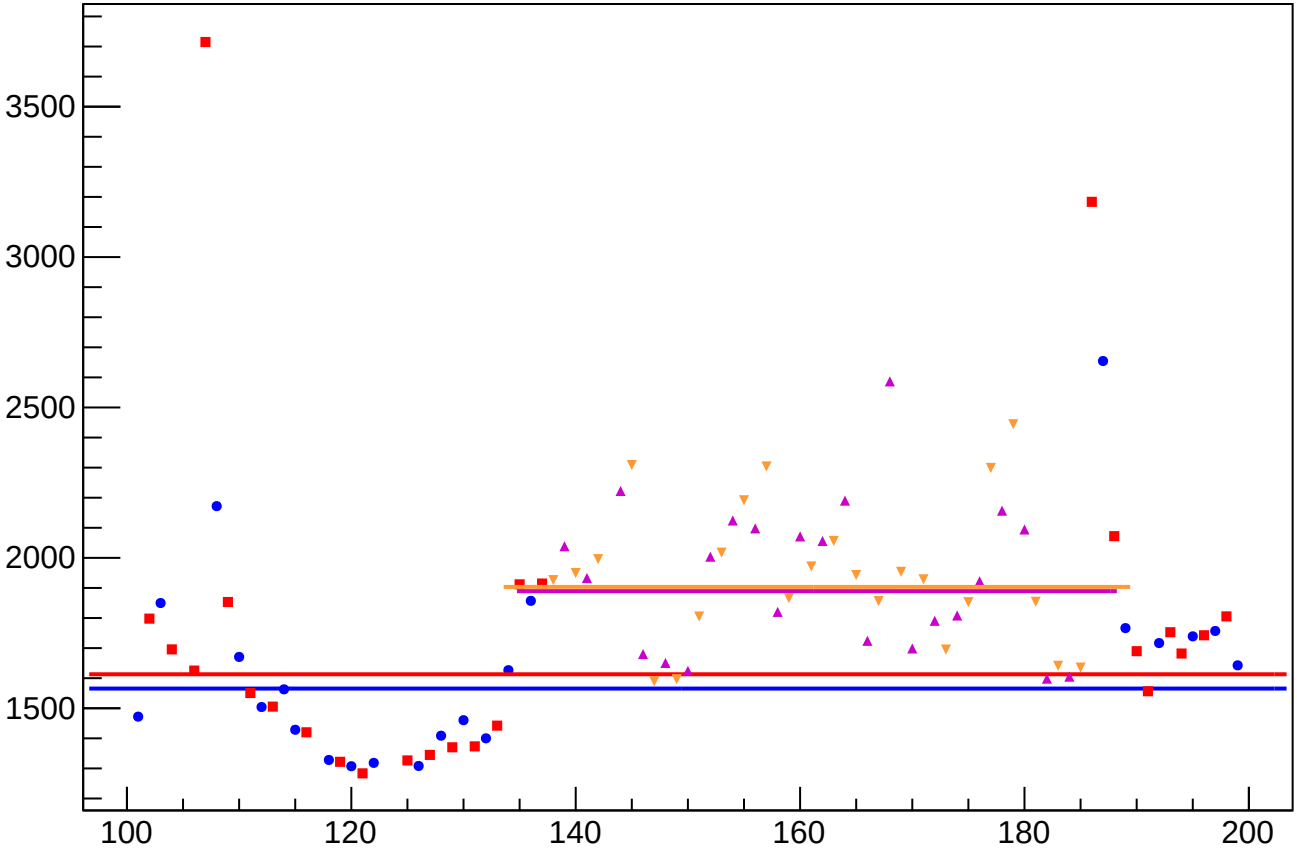
Right: 2493.019+/-342.893 χ^2/NDF: 47.3/46

In: 2247.850+/-334.316 χ^2/NDF:29.6/44

Out: 2295.043+/-329.454 χ^2/NDF:71.3/48

All: 2271.792+/-234.659 χ^2/NDF: 100.9/93

asym_usl_rms vs Slug, Sign Corrected



Right In: 1565.501+/-0.350 χ^2/NDF: 393552.5/21

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

Right Out: 1613.014+/-0.337 χ^2/NDF: 843114.5/24

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

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

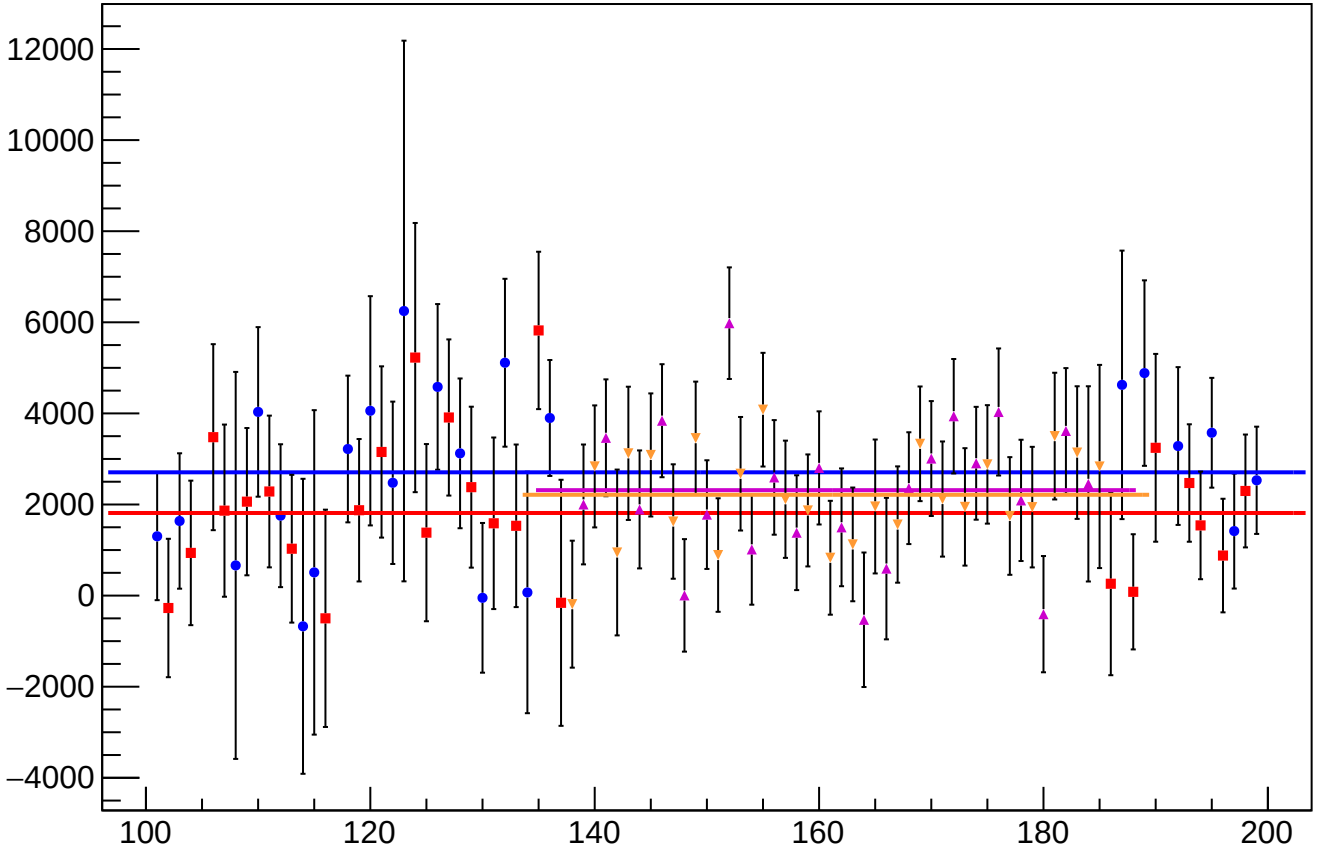
Right: 1590.149+/-0.242 χ^2/NDF: 1246253.8/46

In: 1741.190+/-0.236 χ^2/NDF:1367918.8/44

Out: 1764.363+/-0.233 χ^2/NDF:1692917.7/48

All: 1752.946+/-0.166 χ^2/NDF: 3065711.3/93

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2706.470+/-362.841 χ^2/NDF: 15.6/22

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

Right Out: 1813.739+/-330.222 χ^2/NDF: 17.6/24

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

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

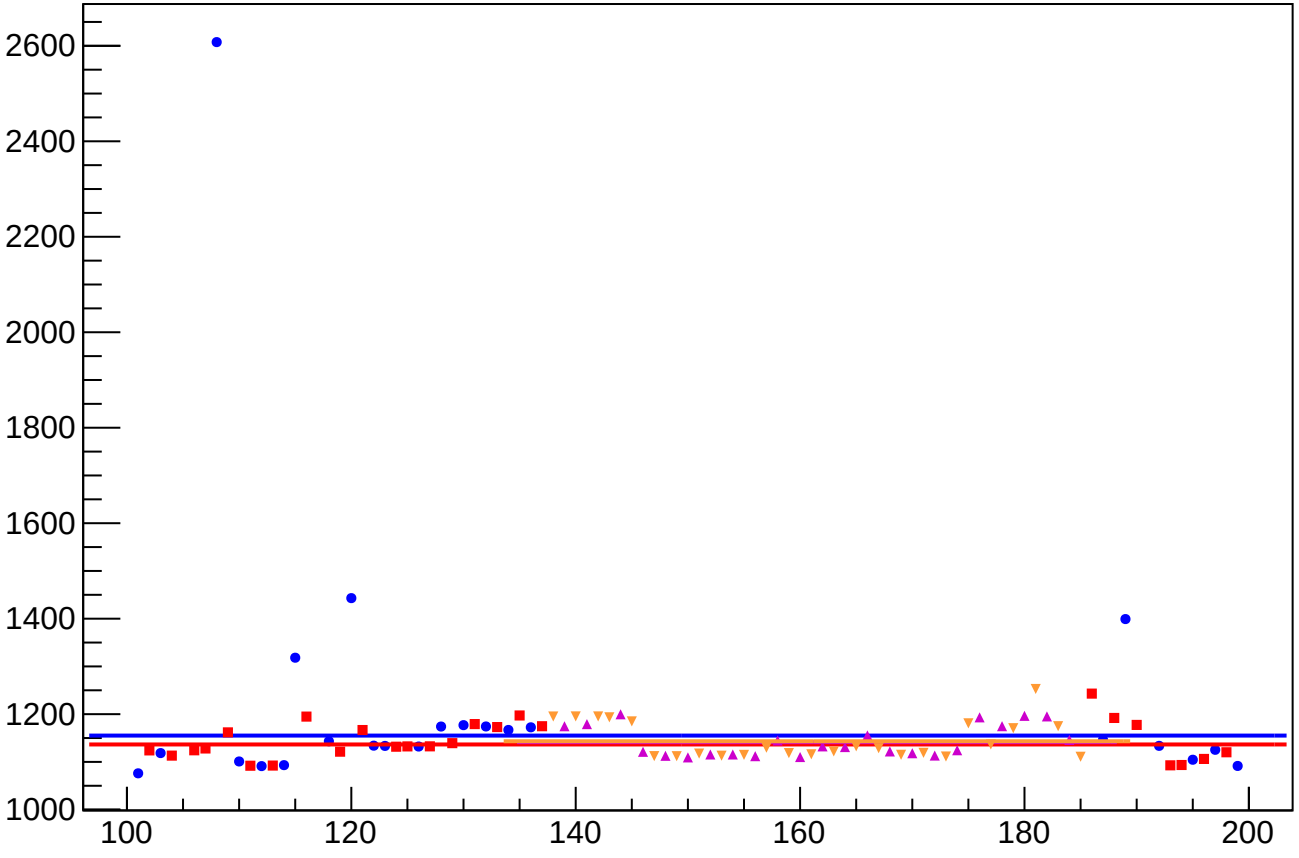
Right: 2218.182+/-244.222 χ^2/NDF: 36.5/47

In: 2455.616+/-217.573 χ^2/NDF:47.9/45

Out: 2055.410+/-207.587 χ^2/NDF:32.6/49

All: 2246.118+/-150.192 χ^2/NDF: 82.3/95

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1155.134+/-0.257 χ^2/NDF: 319082.6/22

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

Right Out: 1136.526+/-0.234 χ^2/NDF: 27501.2/24

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

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

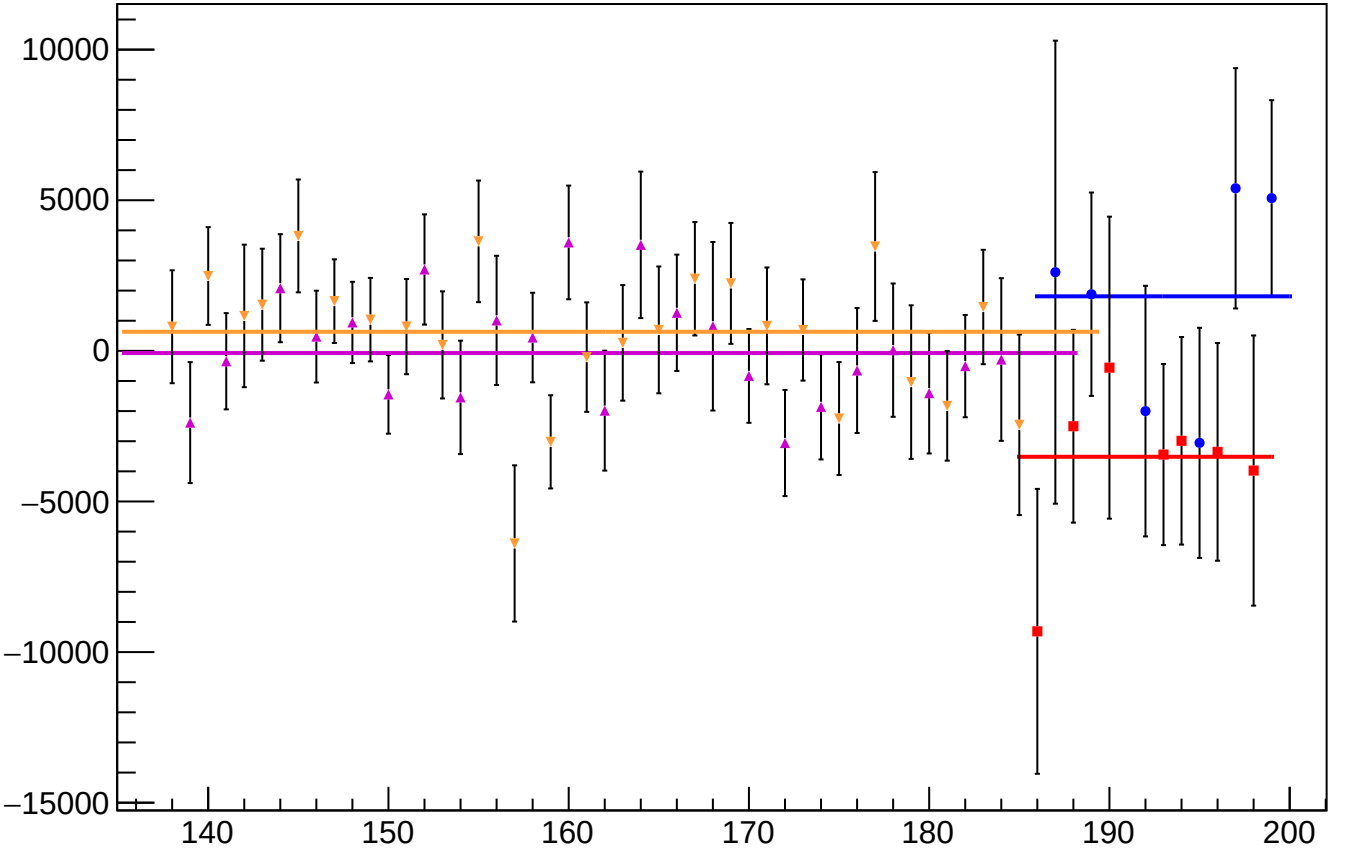
Right: 1144.956+/-0.173 χ^2/NDF: 349461.0/47

In: 1146.315+/-0.154 χ^2/NDF:348942.6/45

Out: 1140.592+/-0.147 χ^2/NDF:67496.0/49

All: 1143.319+/-0.106 χ^2/NDF: 417162.8/95

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 1810.024+/-1604.479 χ^2/NDF: 4.3/5

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

Right Out: -3516.211+/-1409.431 χ^2/NDF: 2.0/6

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

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

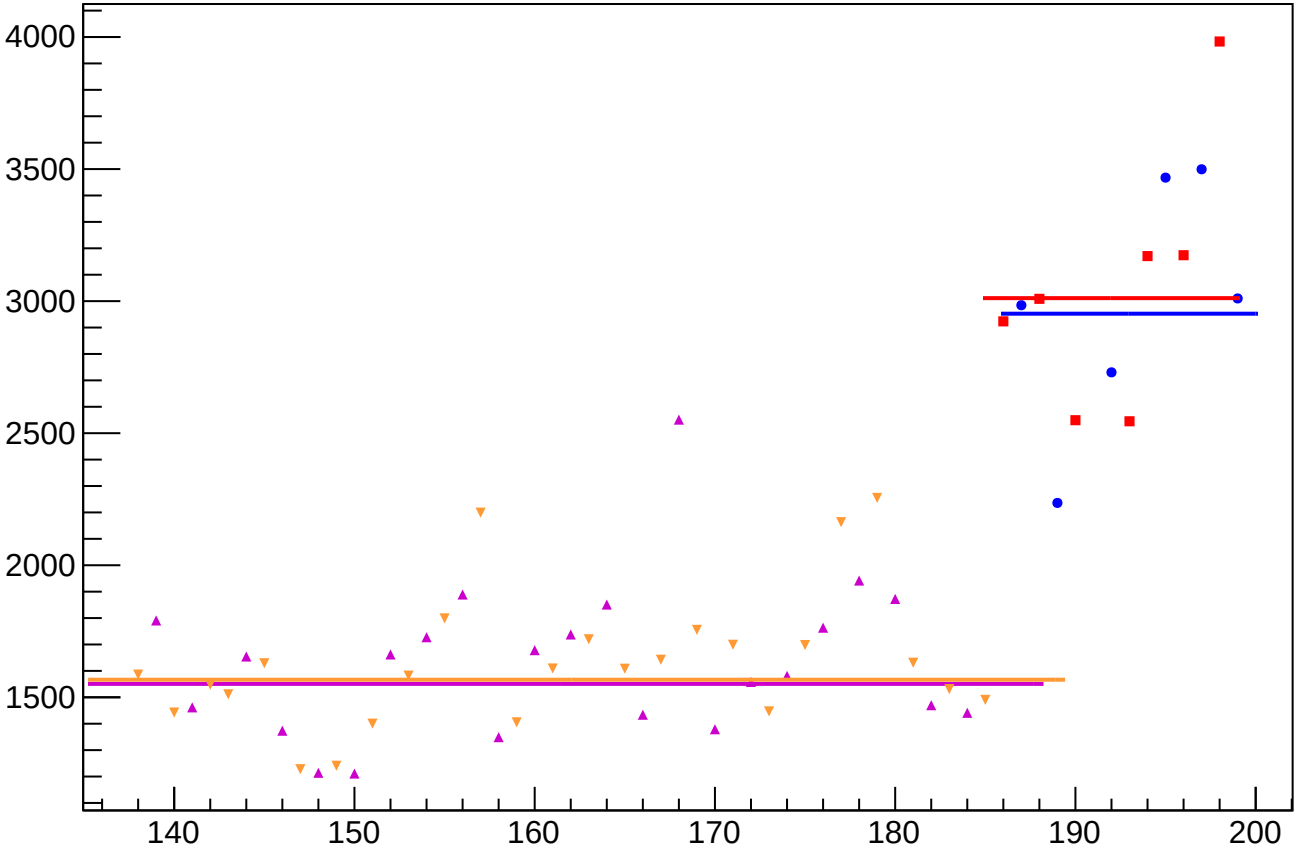
Right: -1196.348+/-1058.900 χ^2/NDF: 12.5/12

In: 24.706+/-365.415 χ^2/NDF:25.7/28

Out: 363.569+/-359.623 χ^2/NDF:39.3/31

All: 196.845+/-256.315 χ^2/NDF: 65.5/60

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2952.442+/-1.135 χ^2/NDF: 170427.7/5

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

Right Out: 3011.353+/-0.997 χ^2/NDF: 168032.5/6

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

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

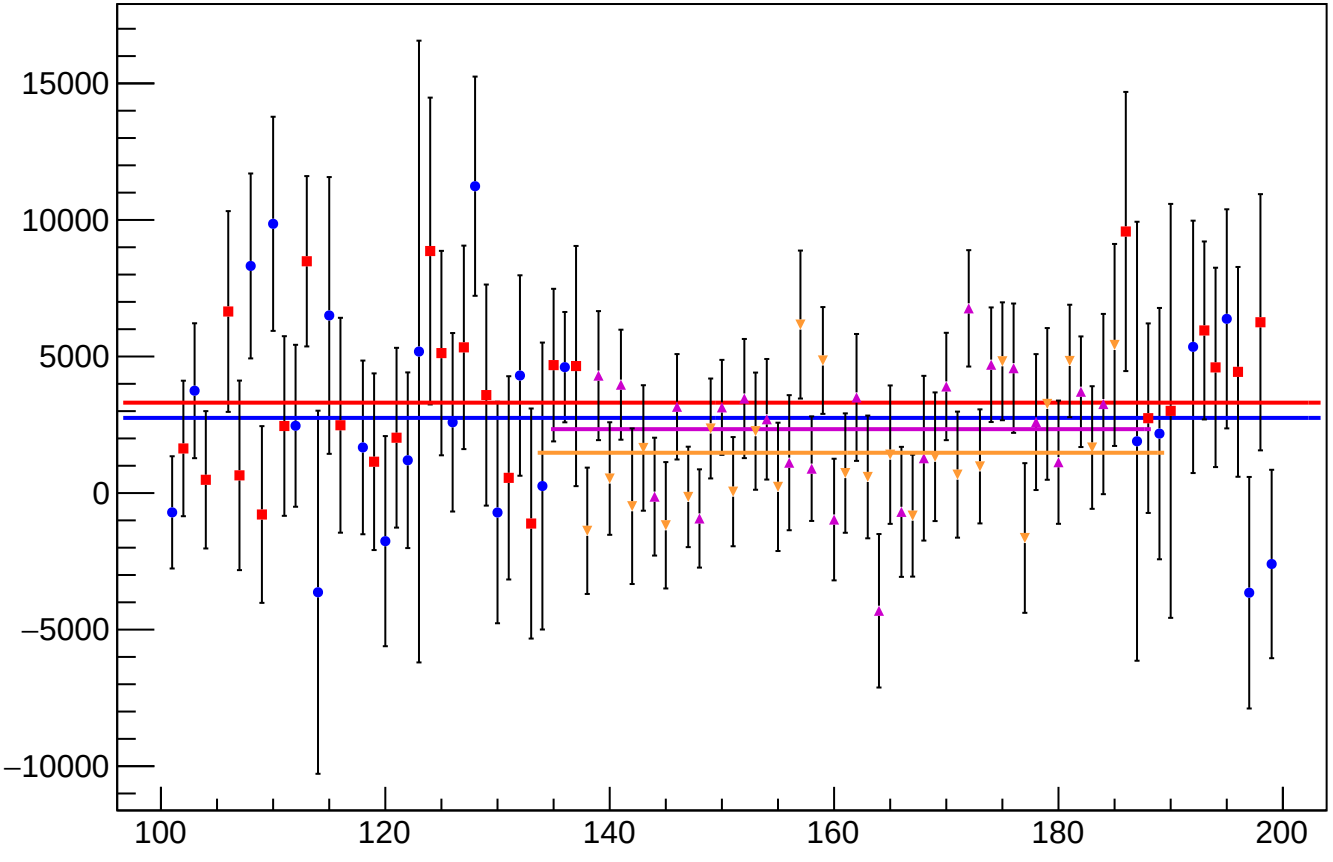
Right: 2985.694+/-0.749 χ^2/NDF: 339982.0/12

In: 1623.454+/-0.258 χ^2/NDF:2546305.9/28

Out: 1660.683+/-0.254 χ^2/NDF:2899601.8/31

All: 1642.366+/-0.181 χ^2/NDF: 5456453.7/60

asym_usr_mean vs Slug, Sign Corrected



Right In: 2751.983+/-728.792 χ^2/NDF: 24.5/22

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

Right Out: 3309.964+/-709.447 χ^2/NDF: 14.5/24

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

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

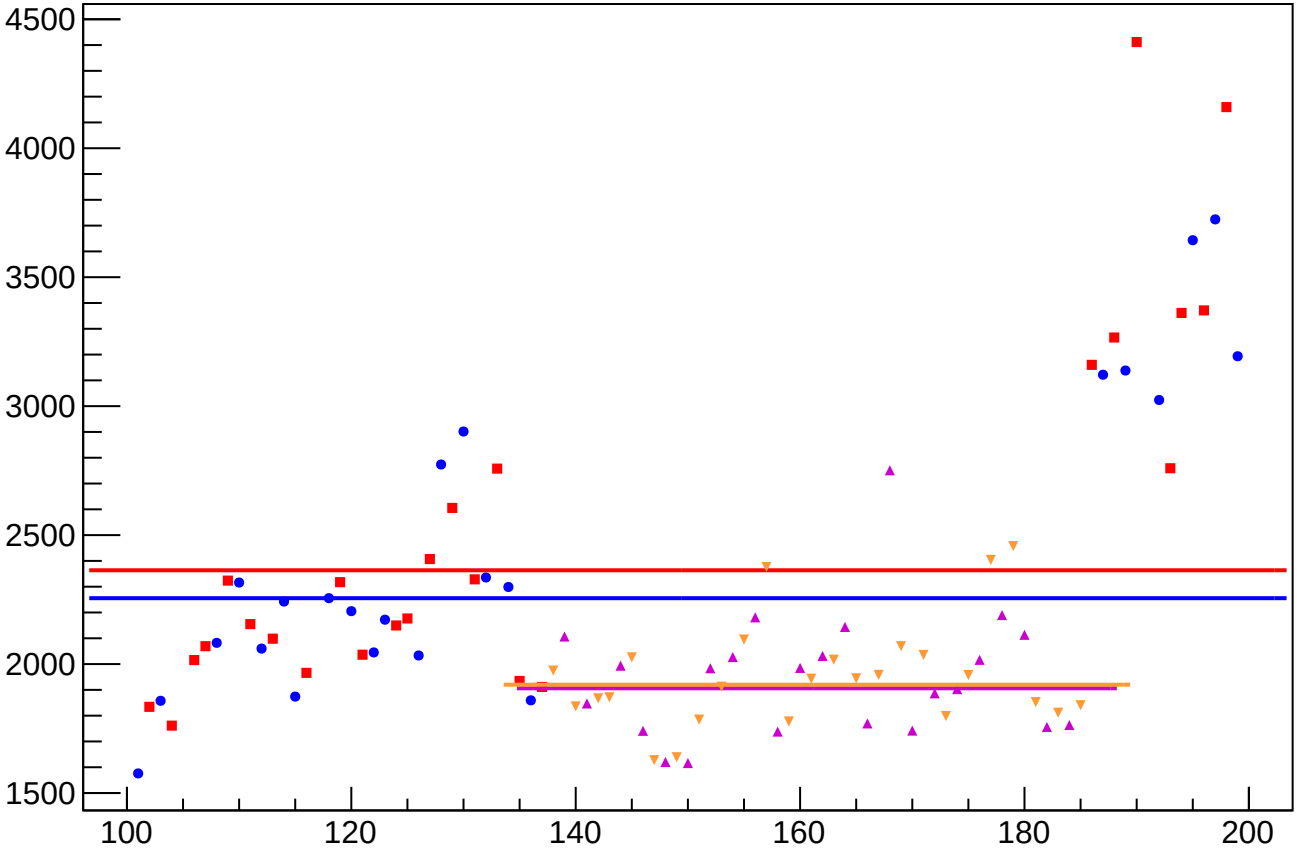
Right: 3038.477+/-508.356 χ^2/NDF: 39.3/47

In: 2456.371+/-387.448 χ^2/NDF:49.9/45

Out: 2004.165+/-380.813 χ^2/NDF:40.2/49

All: 2226.363+/-271.591 χ^2/NDF: 90.8/95

asym_usr_rms vs Slug, Sign Corrected



Right In: 2255.470+/-0.515 χ^2/NDF: 1256159.1/22

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

Right Out: 2363.691+/-0.502 χ^2/NDF: 1342547.9/24

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

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

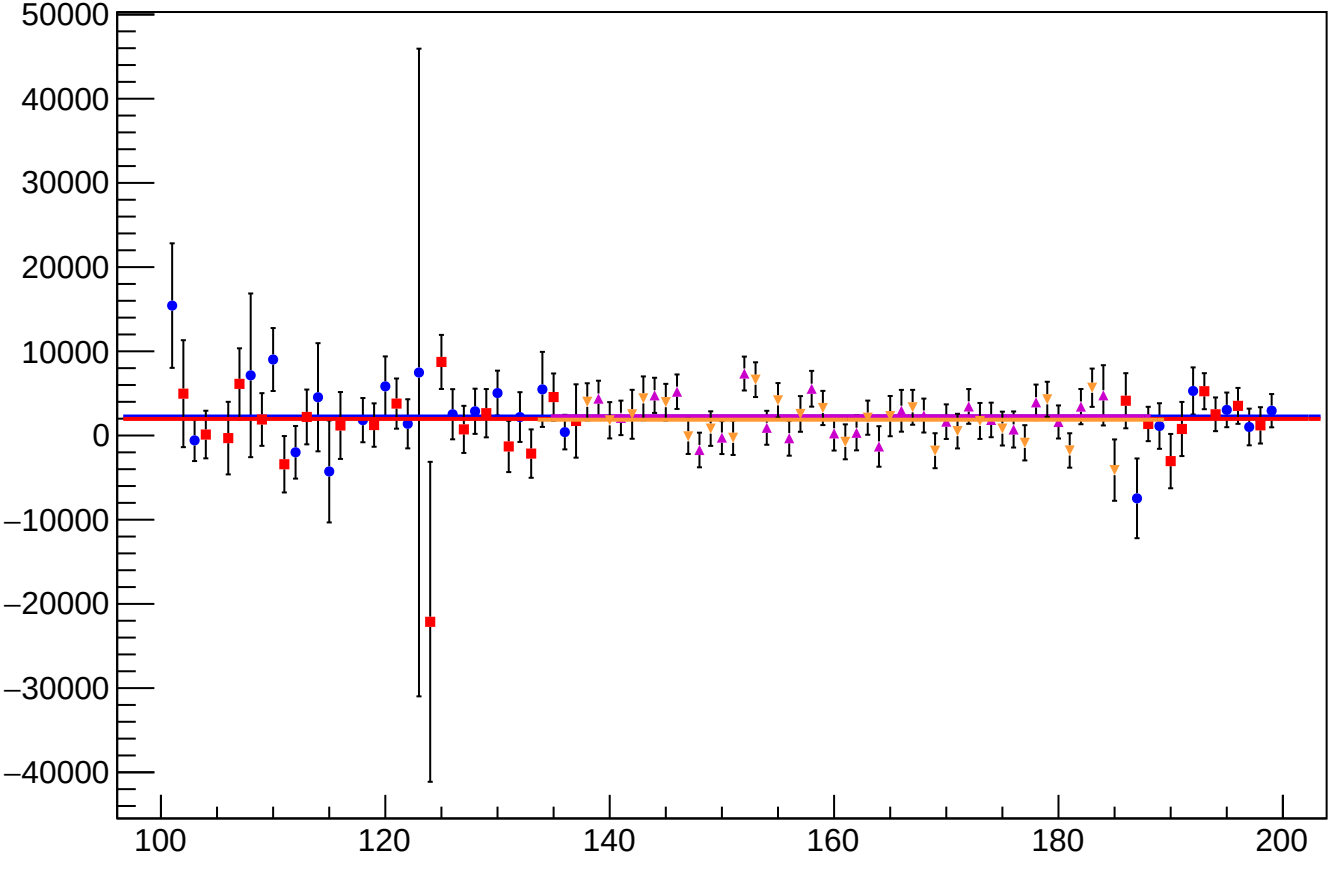
Right: 2311.036+/-0.359 χ^2/NDF: 2621350.4/47

In: 2004.802+/-0.274 χ^2/NDF:2037036.0/45

Out: 2047.898+/-0.269 χ^2/NDF:2265131.8/49

All: 2026.722+/-0.192 χ^2/NDF: 4314753.9/95

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2255.670+/-623.959 χ^2/NDF: 21.0/22

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

Right Out: 1971.874+/-571.709 χ^2/NDF: 21.5/25

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

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

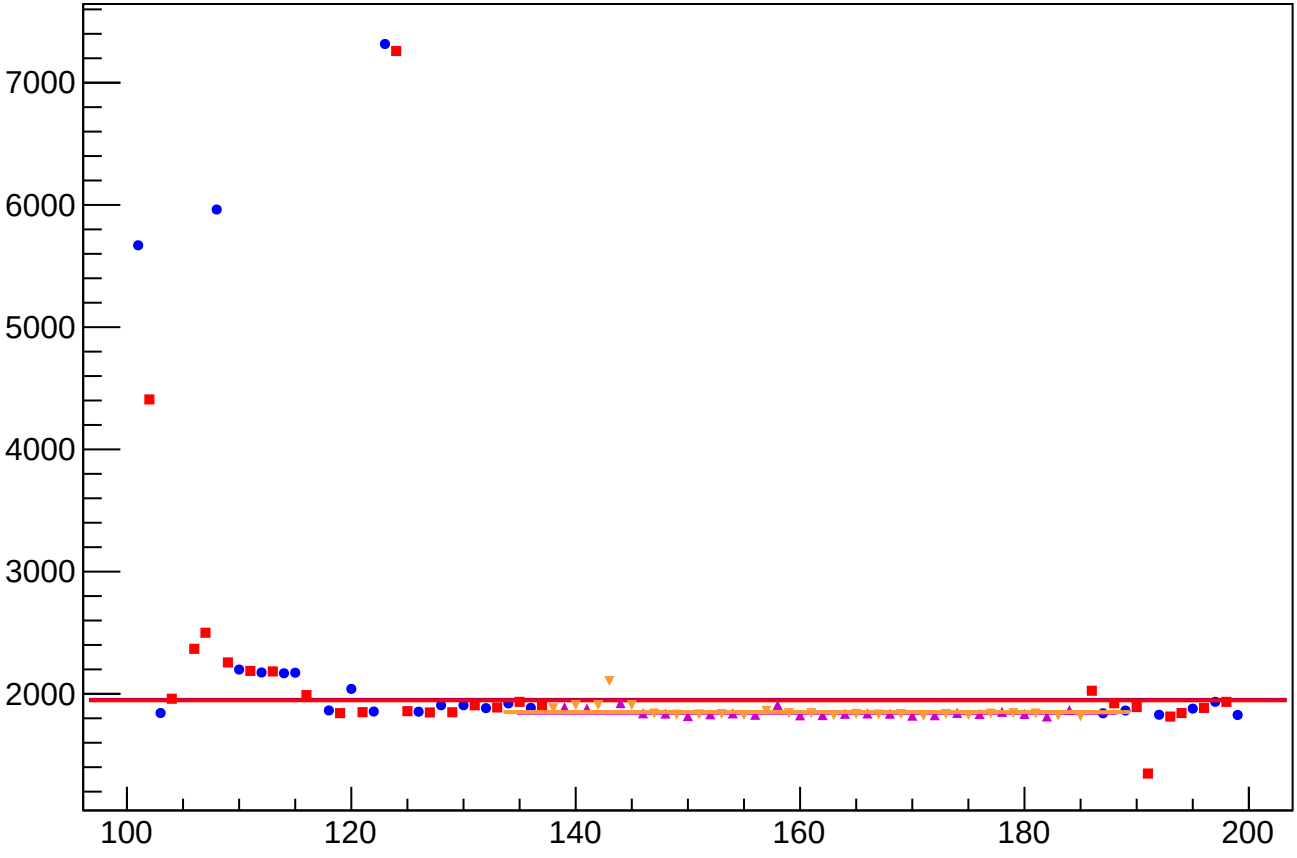
Right: 2101.394+/-421.523 χ^2/NDF: 42.6/48

In: 2276.075+/-360.134 χ^2/NDF:48.3/45

Out: 1910.523+/-345.298 χ^2/NDF:51.6/50

All: 2085.614+/-249.242 χ^2/NDF: 100.4/96

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1950.552+/-0.441 χ^2/NDF: 942318.1/22

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

Right Out: 1947.234+/-0.404 χ^2/NDF: 650697.8/25

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

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

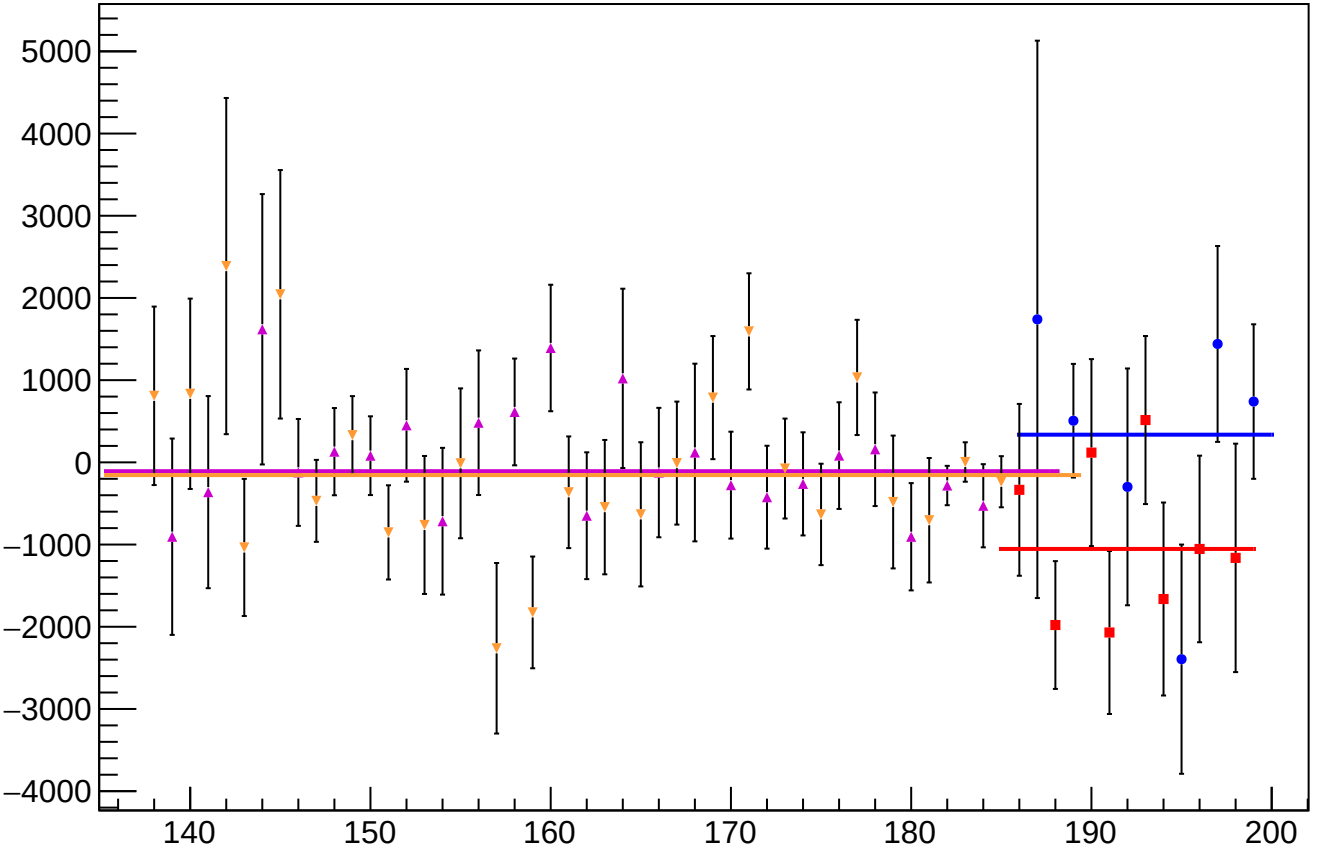
Right: 1948.748+/-0.298 χ^2/NDF: 1593046.6/48

In: 1880.437+/-0.255 χ^2/NDF:988507.5/45

Out: 1886.147+/-0.244 χ^2/NDF:712896.4/50

All: 1883.412+/-0.176 χ^2/NDF: 1701665.9/96

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 336.620+/-446.702 χ^2/NDF: 5.3/5

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

Right Out: -1053.394+/-369.165 χ^2/NDF: 6.6/7

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

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

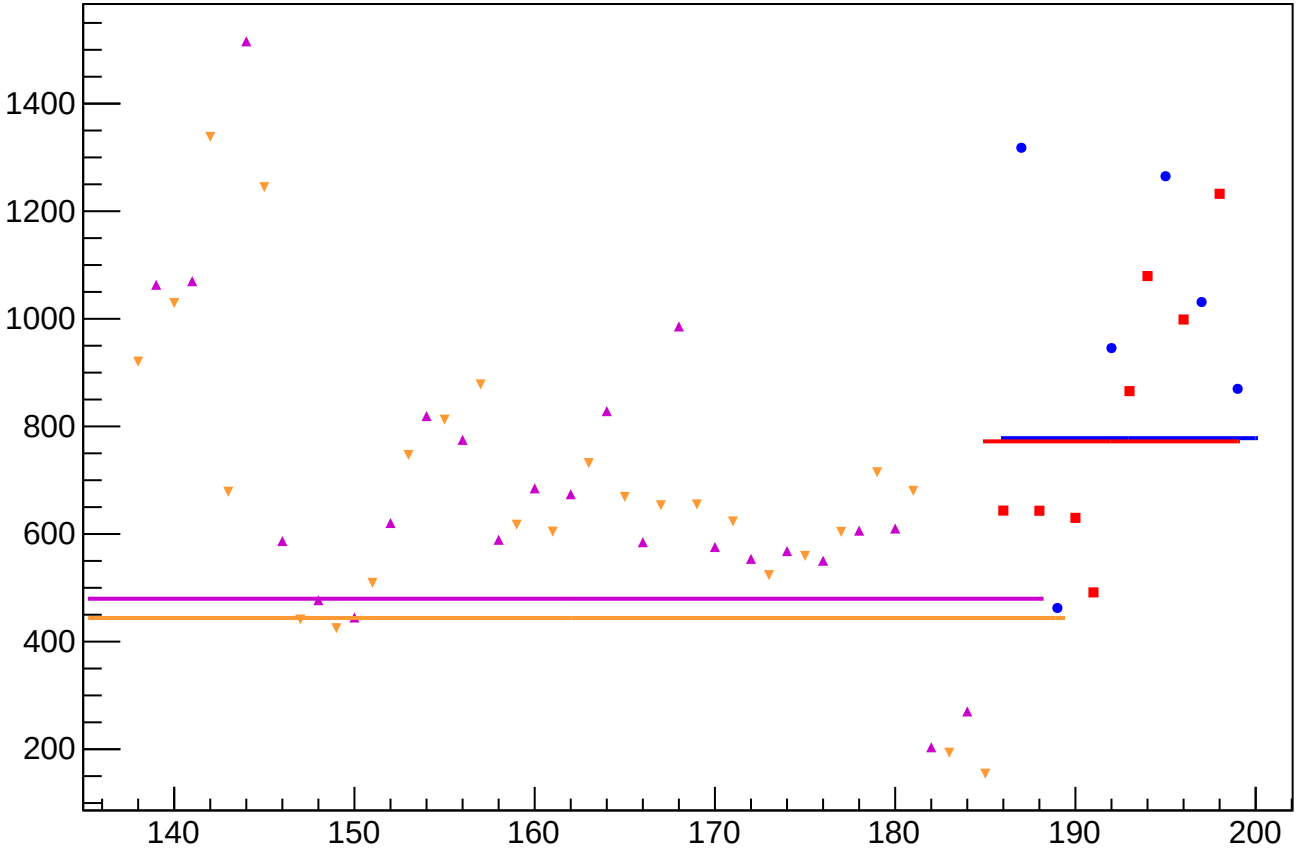
Right: -489.305+/-284.565 χ^2/NDF: 17.7/13

In: -73.901+/-122.675 χ^2/NDF:19.7/28

Out: -240.267+/-113.824 χ^2/NDF:45.0/32

All: -163.301+/-83.440 χ^2/NDF: 65.7/61

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 778.157+/-0.316 χ^2/NDF: 847676.3/5

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

Right Out: 772.212+/-0.261 χ^2/NDF: 729690.0/7

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

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

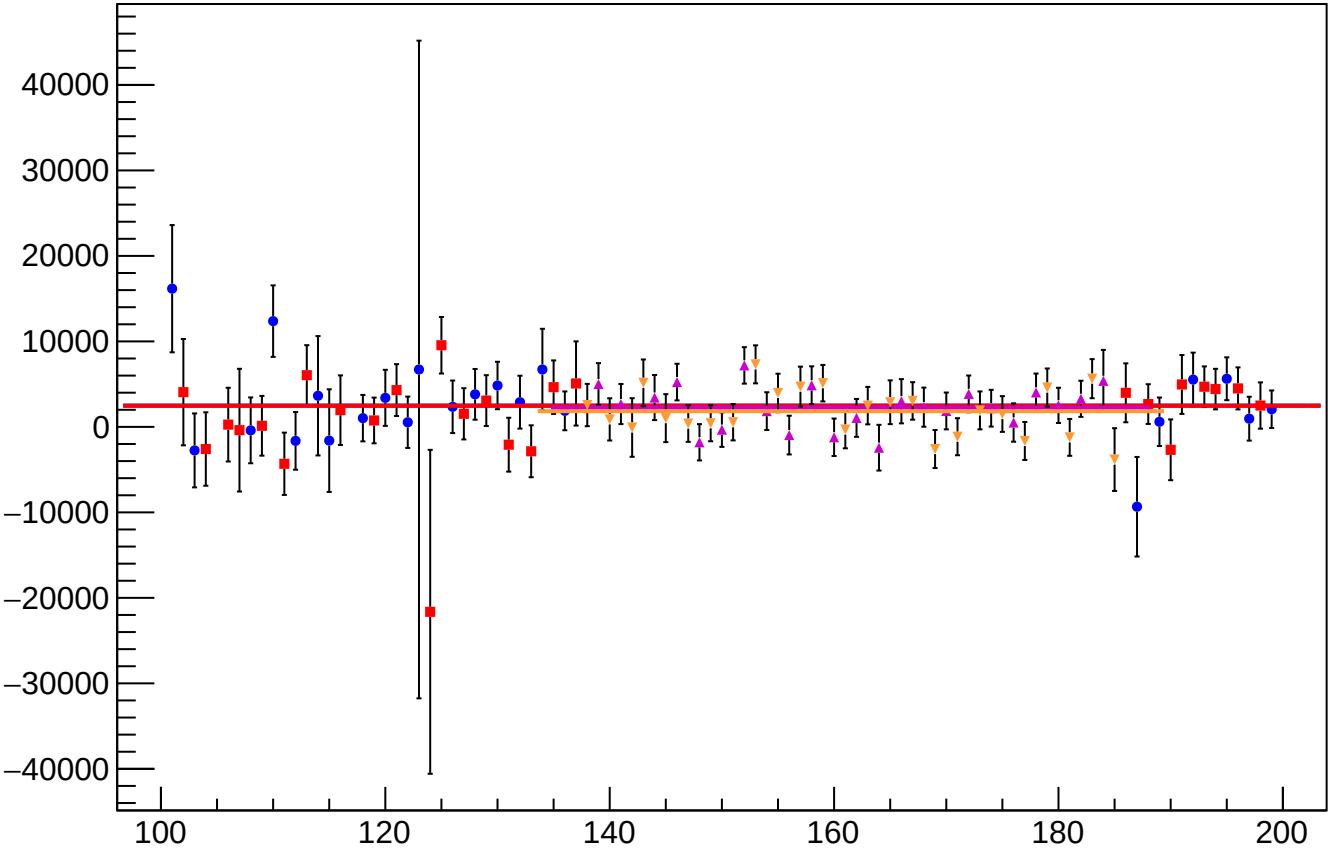
Right: 774.624+/-0.201 χ^2/NDF: 1577576.8/13

In: 502.230+/-0.087 χ^2/NDF:8407623.7/28

Out: 475.167+/-0.080 χ^2/NDF:10733740.1/32

All: 487.687+/-0.059 χ^2/NDF: 19193668.4/61

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2492.087+/-684.013 χ^2/NDF: 23.0/22

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

Right Out: 2468.535+/-637.371 χ^2/NDF: 25.0/25

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

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

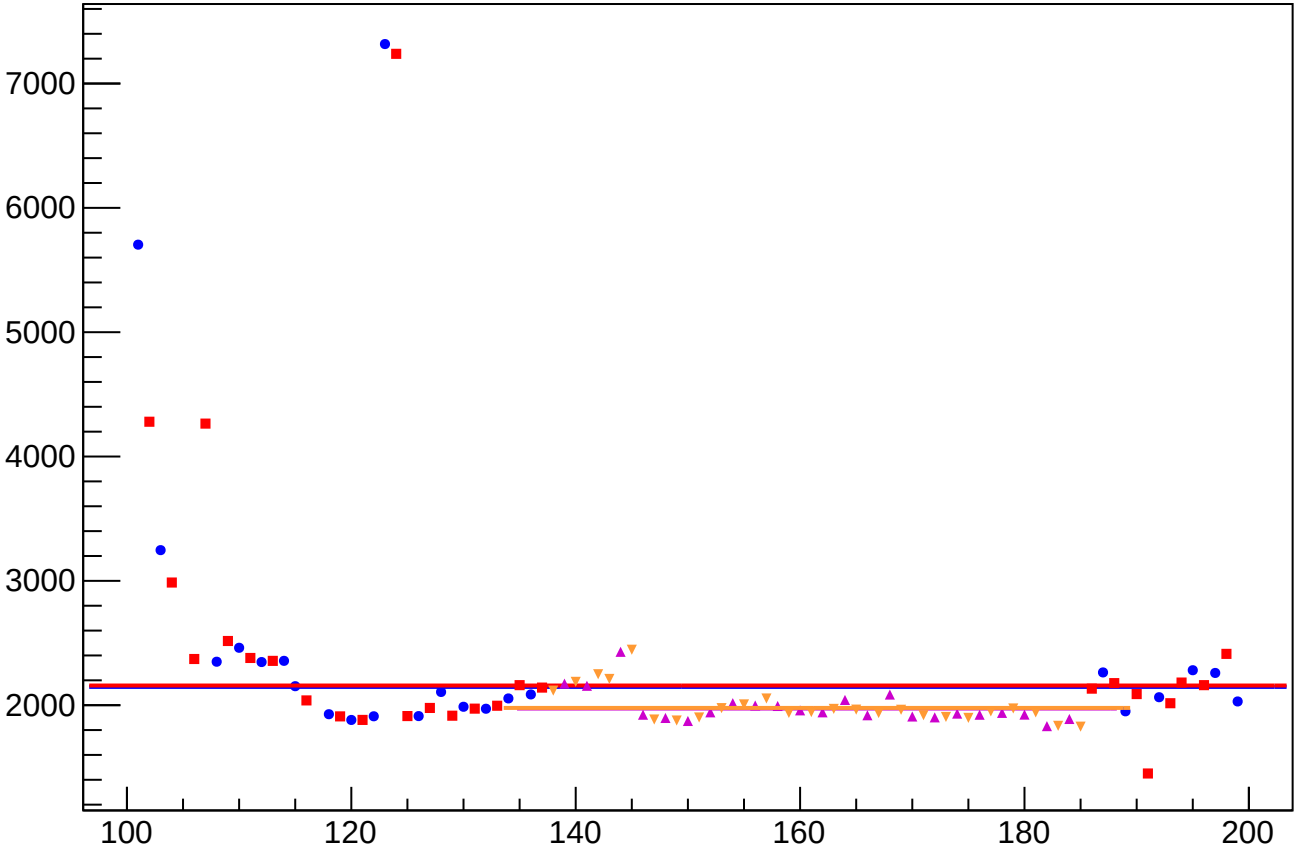
Right: 2479.481+/-466.307 χ^2/NDF: 48.0/48

In: 2335.054+/-388.666 χ^2/NDF:49.5/45

Out: 2054.131+/-375.007 χ^2/NDF:58.4/50

All: 2189.570+/-269.870 χ^2/NDF: 108.1/96

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2147.069+/-0.484 χ^2/NDF: 741211.9/22

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

Right Out: 2158.204+/-0.451 χ^2/NDF: 853490.9/25

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

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

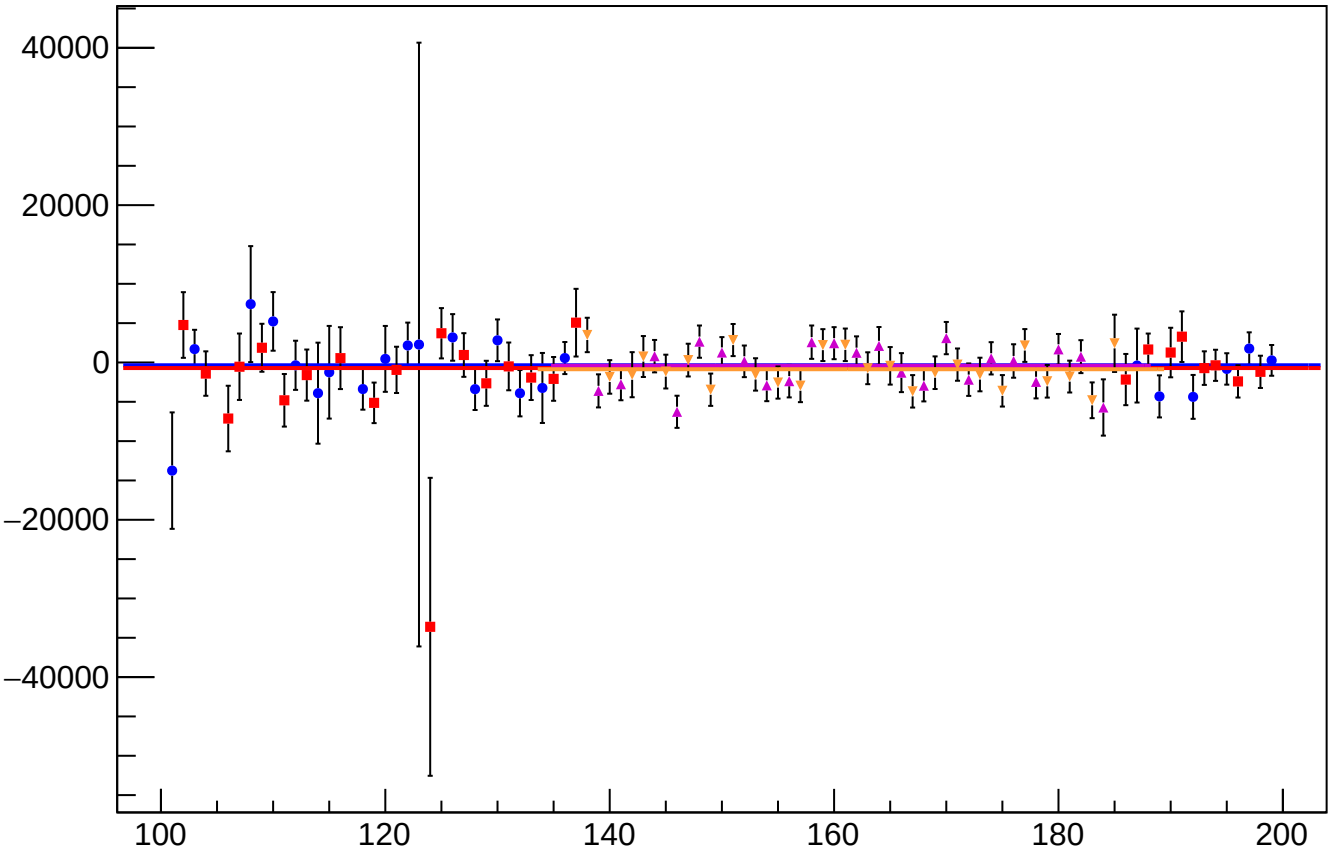
Right: 2153.029+/-0.330 χ^2/NDF: 1594986.4/48

In: 2029.348+/-0.275 χ^2/NDF:949177.1/45

Out: 2040.412+/-0.265 χ^2/NDF:1095667.6/50

All: 2035.077+/-0.191 χ^2/NDF: 2045684.0/96

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -356.840+/-618.104 χ^2/NDF: 21.5/22

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

Right Out: -710.725+/-561.475 χ^2/NDF: 21.7/25

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

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

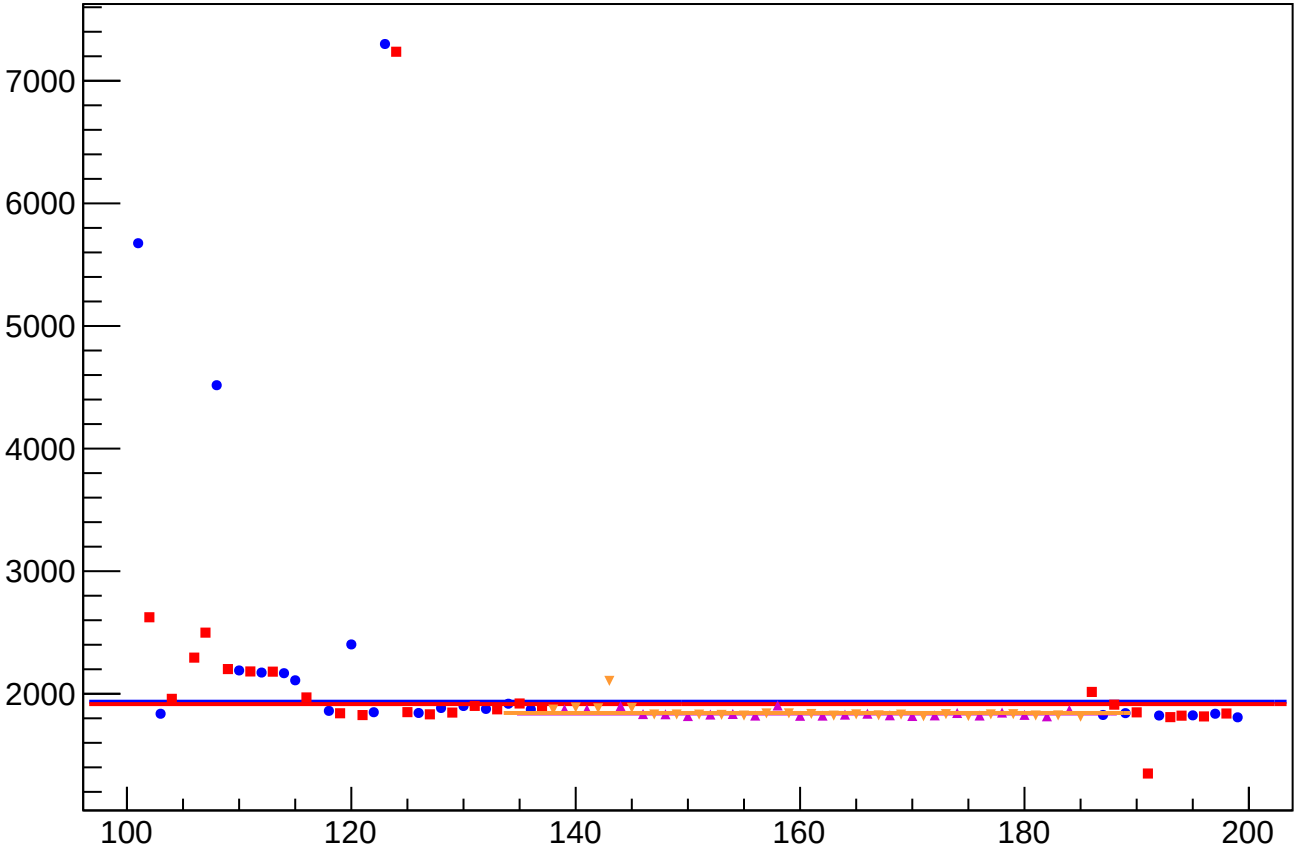
Right: -550.732+/-415.604 χ^2/NDF: 43.4/48

In: -403.888+/-358.217 χ^2/NDF:55.2/45

Out: -803.721+/-342.119 χ^2/NDF:48.7/50

All: -612.991+/-247.410 χ^2/NDF: 104.5/96

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1935.374+/-0.437 χ^2/NDF: 883171.6/22

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

Right Out: 1915.866+/-0.397 χ^2/NDF: 404409.6/25

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

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

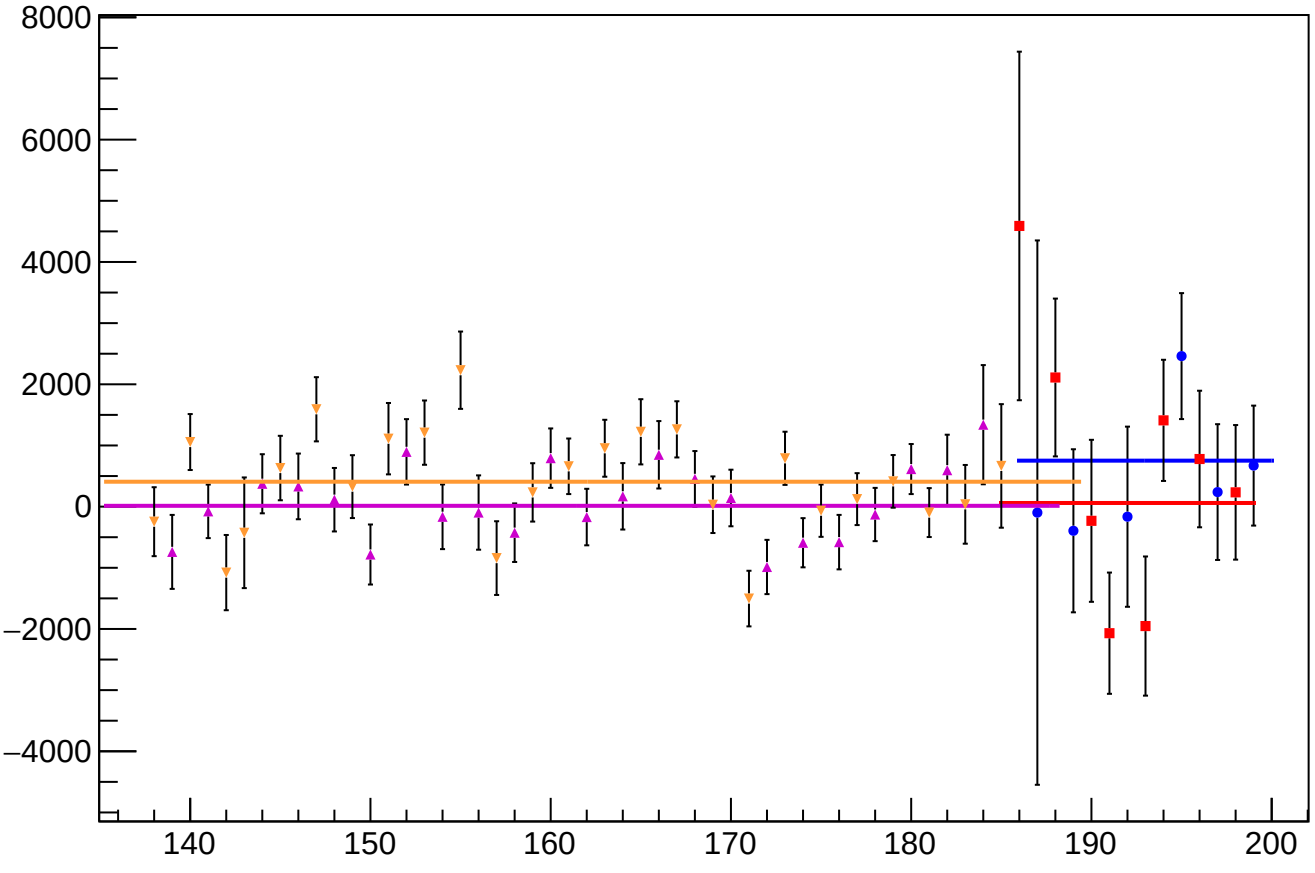
Right: 1924.685+/-0.294 χ^2/NDF: 1288672.7/48

In: 1871.655+/-0.253 χ^2/NDF:921592.5/45

Out: 1870.389+/-0.242 χ^2/NDF:450252.3/50

All: 1870.993+/-0.175 χ^2/NDF: 1371857.9/96

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 751.721+/-508.406 χ^2/NDF: 4.1/5

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

Right Out: 59.734+/-417.657 χ^2/NDF: 15.1/7

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

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

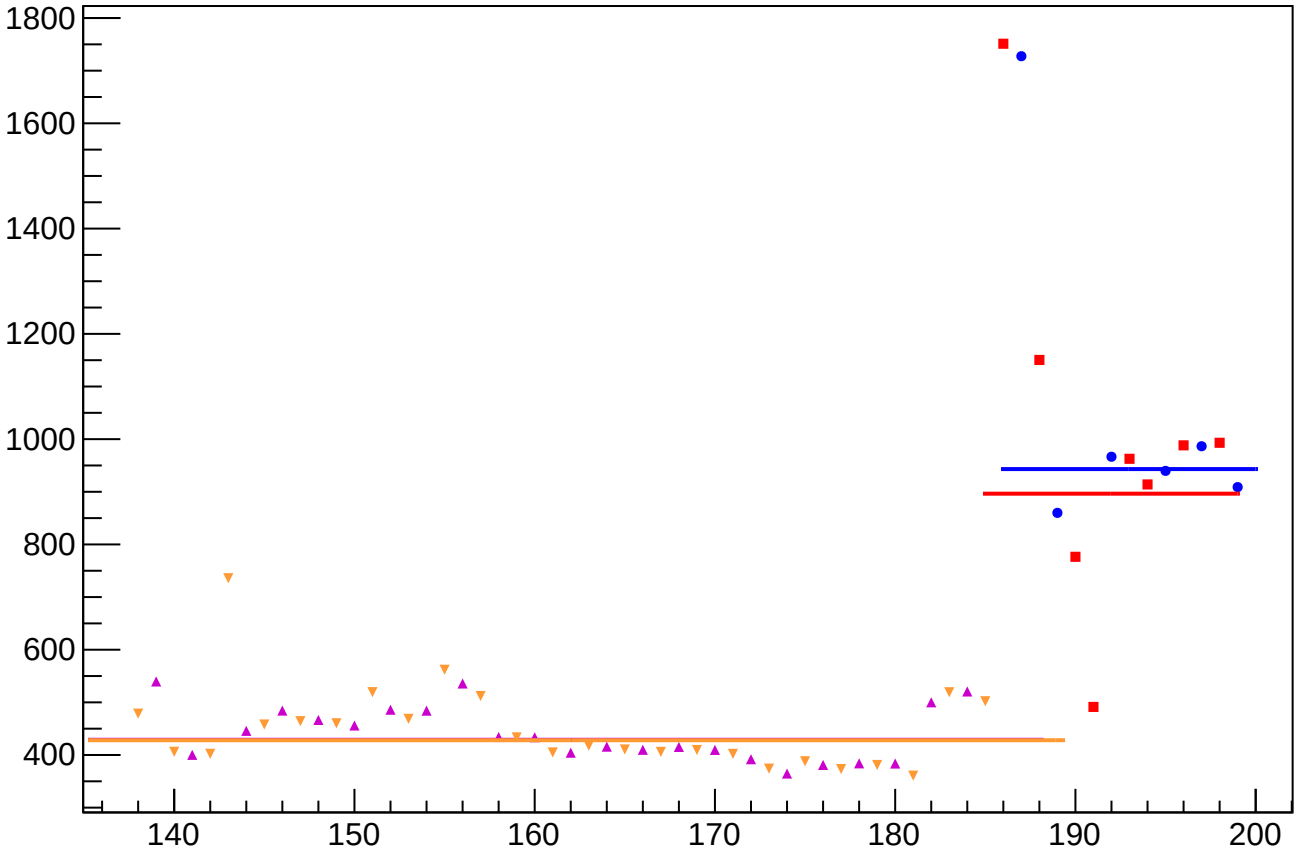
Right: 338.562+/-322.723 χ^2/NDF: 20.4/13

In: 42.457+/-100.867 χ^2/NDF:35.4/28

Out: 388.037+/-98.374 χ^2/NDF:77.9/32

All: 219.570+/-70.425 χ^2/NDF: 119.4/61

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 943.153+/-0.359 χ^2/NDF: 75938.7/5

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

Right Out: 896.417+/-0.295 χ^2/NDF: 644353.8/7

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

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

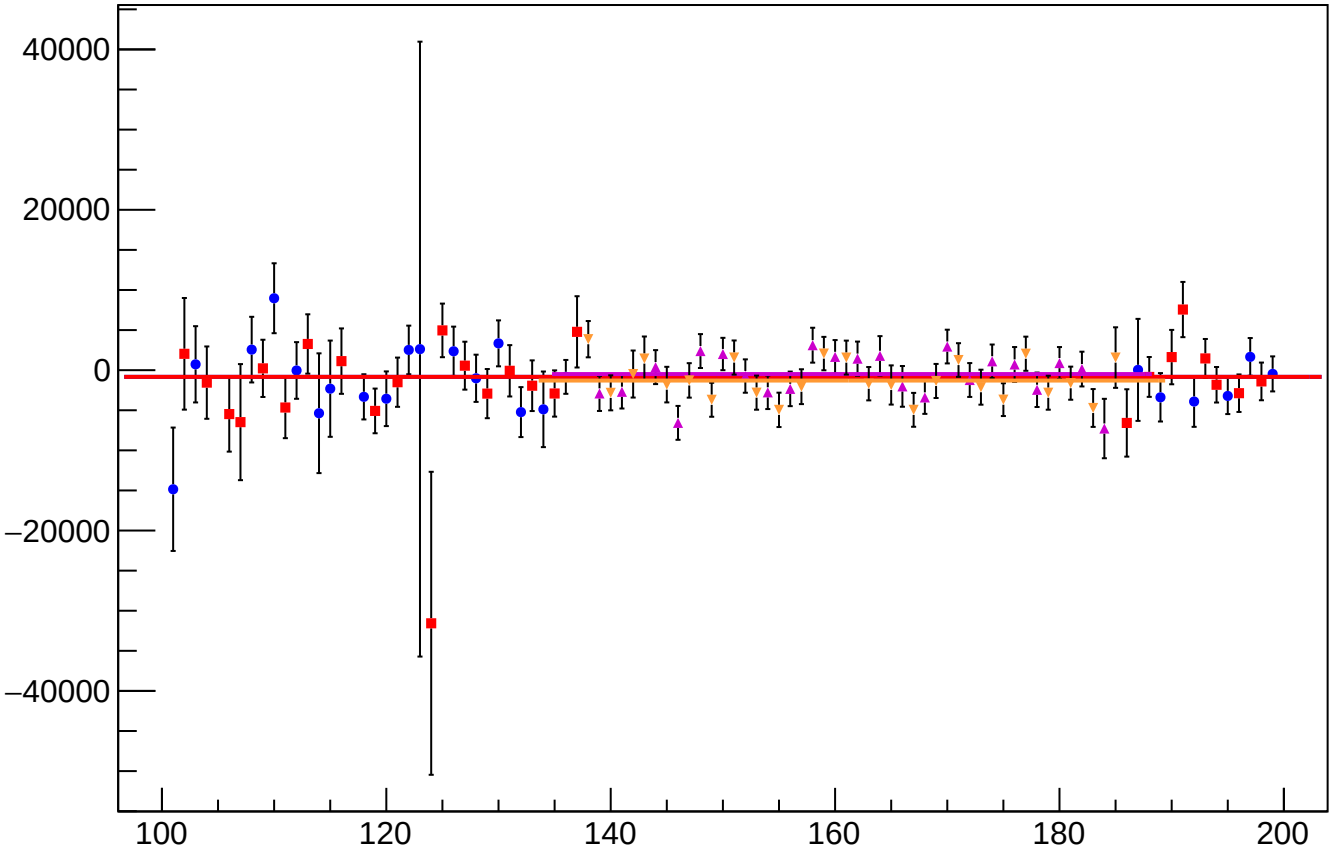
Right: 915.249+/-0.228 χ^2/NDF: 730383.3/13

In: 449.167+/-0.071 χ^2/NDF:2460214.7/28

Out: 454.036+/-0.070 χ^2/NDF:3724678.7/32

All: 451.662+/-0.050 χ^2/NDF: 6187281.4/61

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -835.054+/-680.805 χ^2/NDF: 22.2/22

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

Right Out: -834.204+/-638.145 χ^2/NDF: 25.6/25

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

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

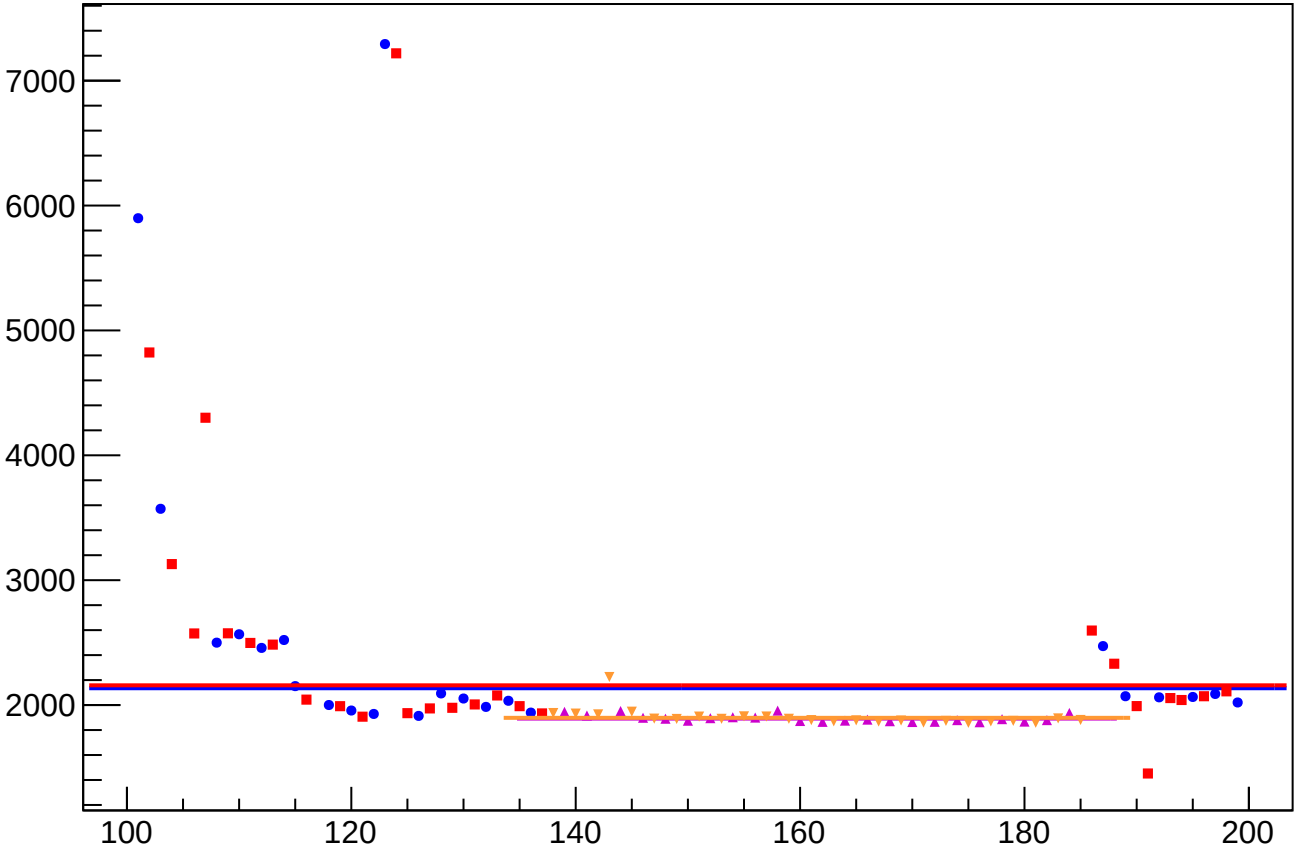
Right: -834.601+/-465.588 χ^2/NDF: 47.8/48

In: -592.675+/-376.575 χ^2/NDF:54.8/45

Out: -1144.054+/-364.546 χ^2/NDF:55.6/50

All: -877.311+/-261.922 χ^2/NDF: 111.4/96

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2134.727+/-0.481 χ^2/NDF: 825094.3/22

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

Right Out: 2158.107+/-0.451 χ^2/NDF: 975426.3/25

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

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

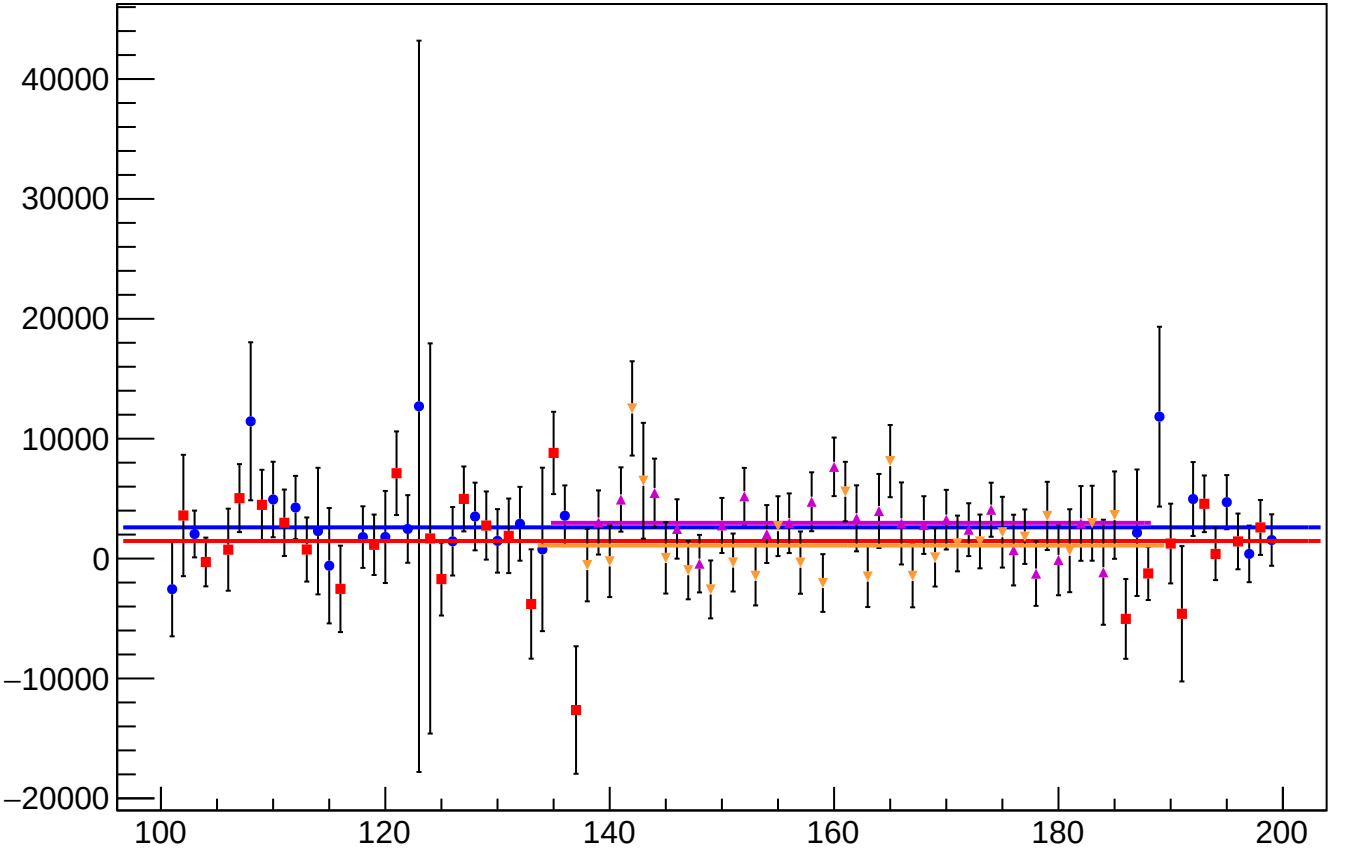
Right: 2147.173+/-0.329 χ^2/NDF: 1801776.2/48

In: 1966.071+/-0.266 χ^2/NDF:1009527.9/45

Out: 1982.660+/-0.258 χ^2/NDF:1234925.0/50

All: 1974.635+/-0.185 χ^2/NDF: 2246456.6/96

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2603.907+/-639.428 χ^2/NDF: 10.0/22

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

Right Out: 1467.953+/-575.654 χ^2/NDF: 32.5/25

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

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

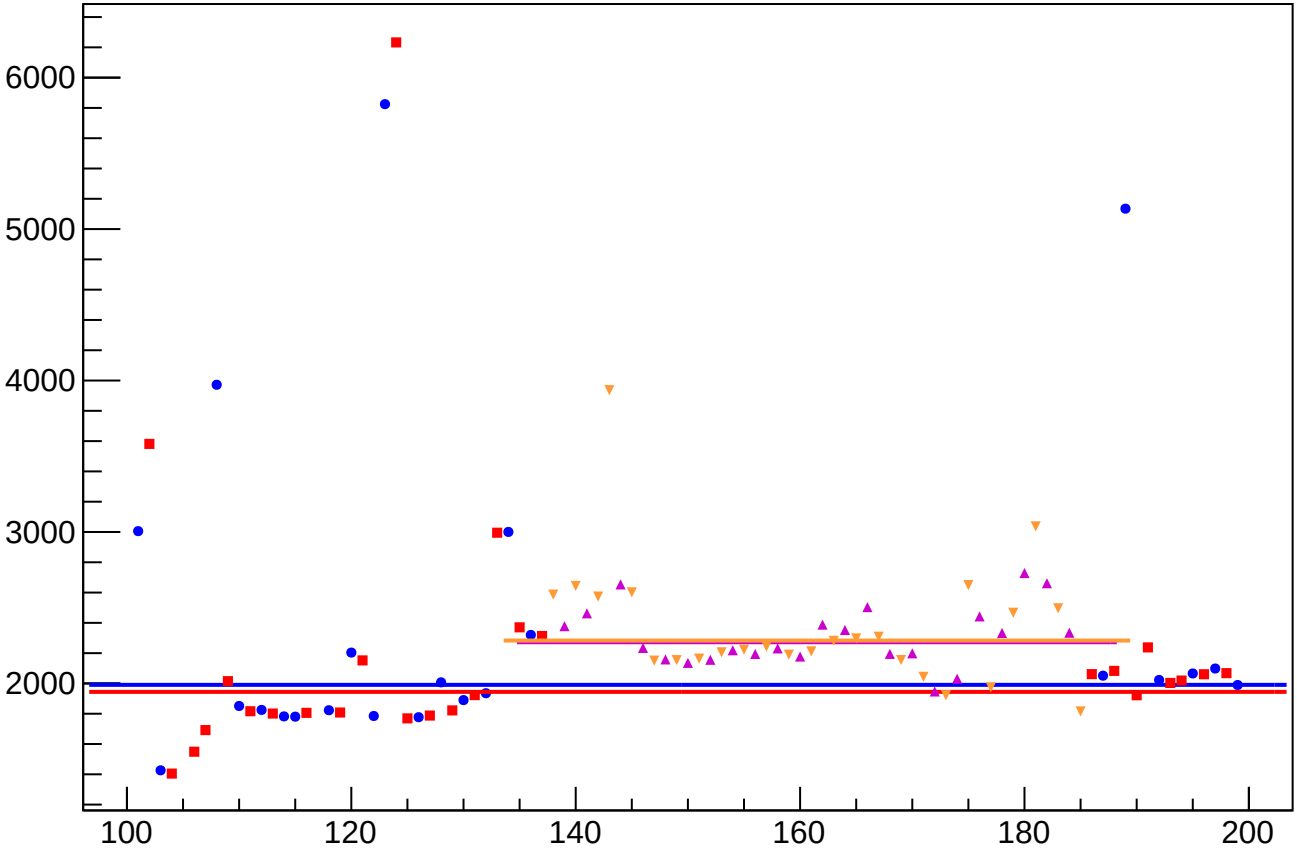
Right: 1976.473+/-427.824 χ^2/NDF: 44.2/48

In: 2822.047+/-415.268 χ^2/NDF:24.3/45

Out: 1266.138+/-394.220 χ^2/NDF:62.6/50

All: 2003.664+/-285.907 χ^2/NDF: 94.2/96

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1990.659+/-0.452 χ^2/NDF: 1007917.8/22

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

Right Out: 1944.307+/-0.407 χ^2/NDF: 752763.7/25

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

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

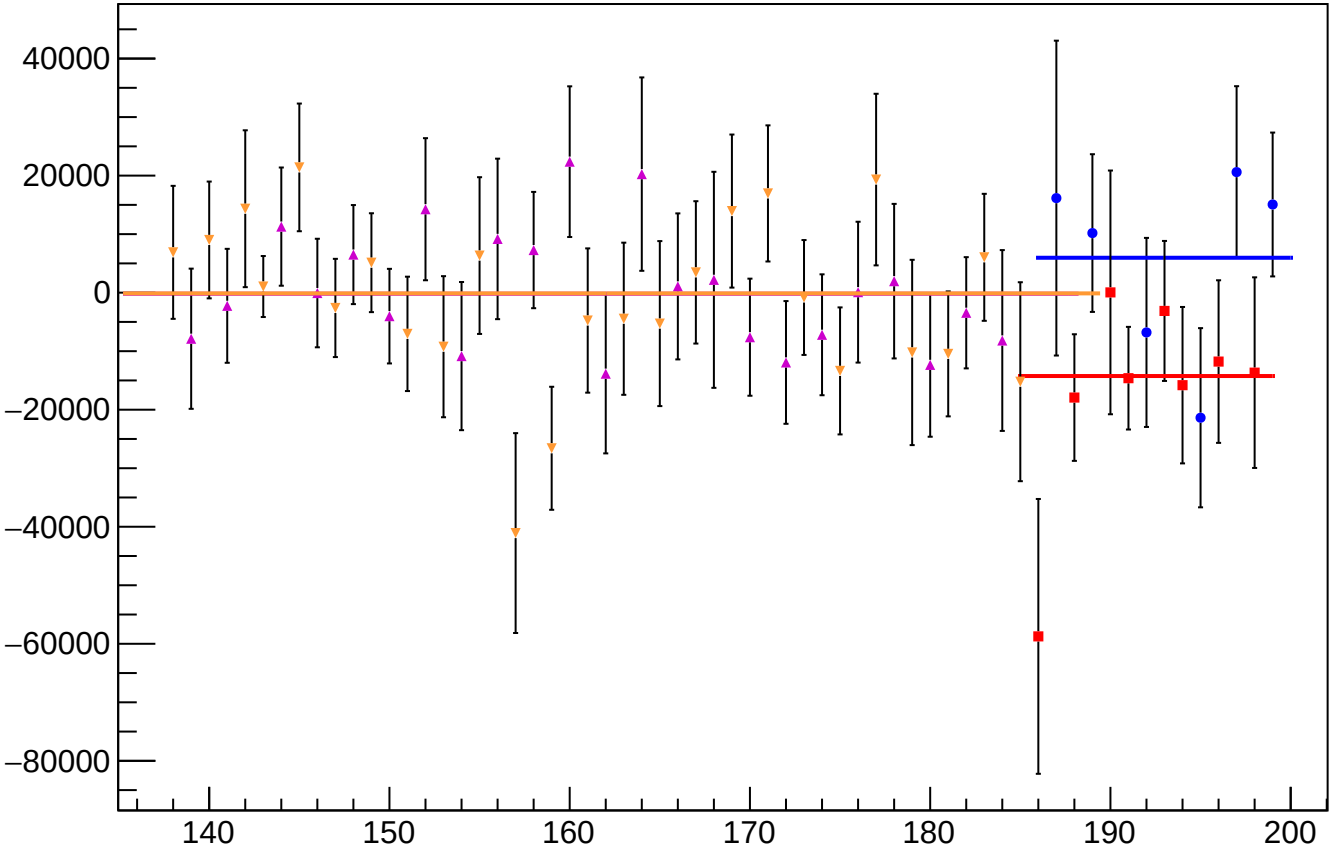
Right: 1965.054+/-0.302 χ^2/NDF: 1766487.0/48

In: 2153.308+/-0.294 χ^2/NDF:1475258.2/45

Out: 2124.249+/-0.279 χ^2/NDF:1755328.7/50

All: 2138.022+/-0.202 χ^2/NDF: 3235738.2/96

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 5963.892+/-6172.086 χ^2/NDF: 5.6/5

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

Right Out: -14246.957+/-4602.497 χ^2/NDF: 5.1/7

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

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

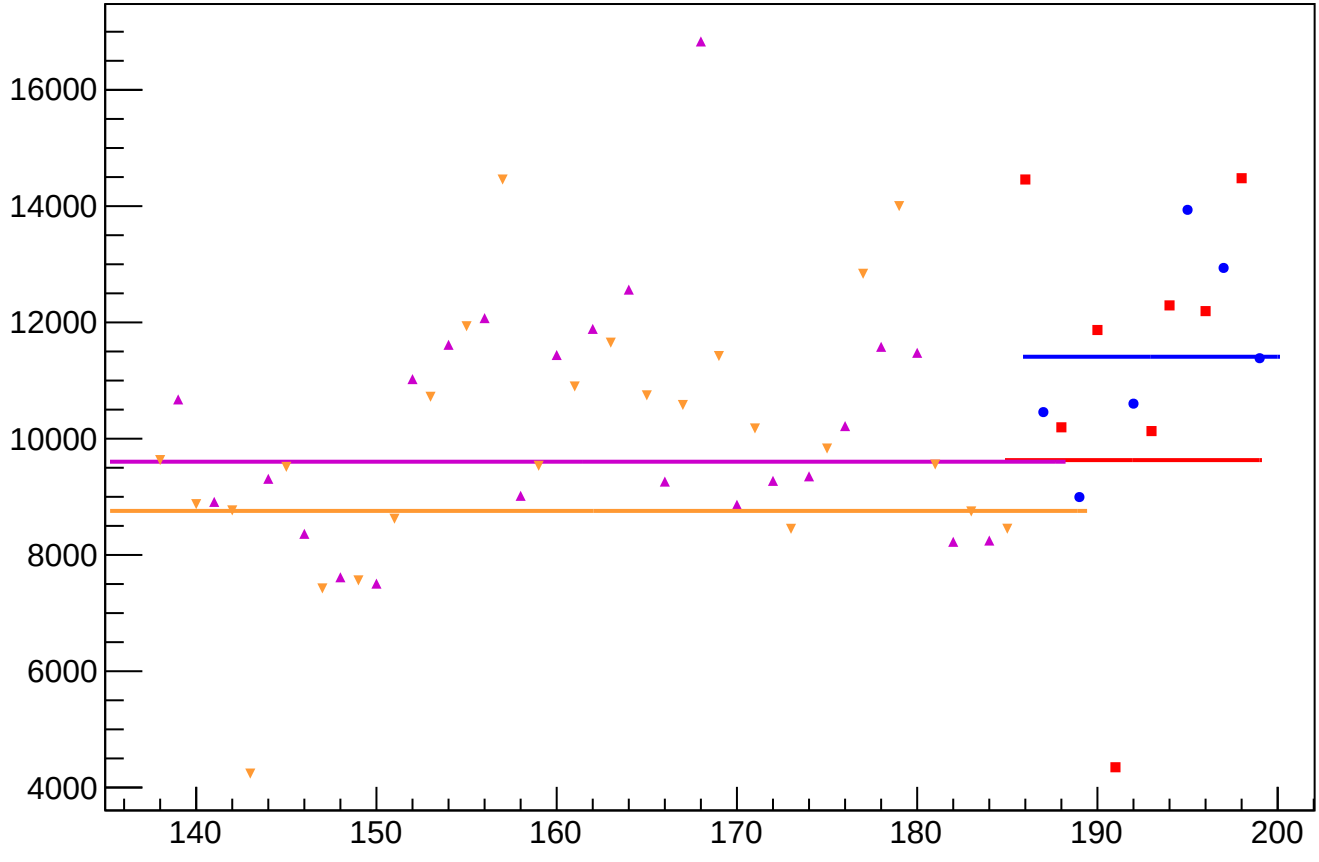
Right: -7024.569+/-3689.607 χ^2/NDF: 17.6/13

In: 582.199+/-2180.171 χ^2/NDF:21.5/28

Out: -2638.638+/-1941.968 χ^2/NDF:42.5/32

All: -1213.720+/-1450.111 χ^2/NDF: 65.3/61

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 11409.604+/-4.364 χ^2/NDF: 147832.7/5

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

Right Out: 9631.482+/-3.254 χ^2/NDF: 1167068.3/7

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

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

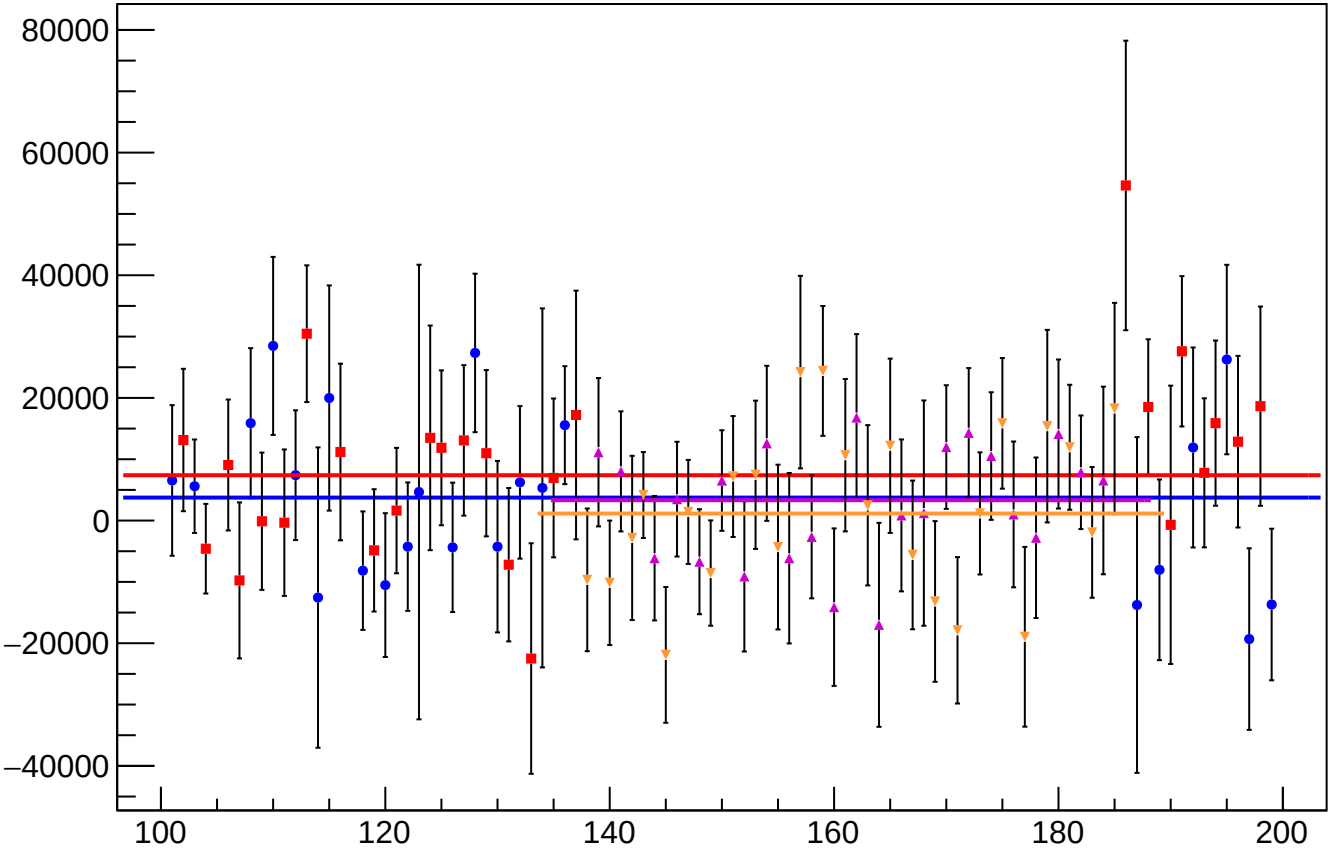
Right: 10266.897+/-2.609 χ^2/NDF: 1421576.0/13

In: 9829.313+/-1.542 χ^2/NDF:1393440.9/28

Out: 8913.358+/-1.373 χ^2/NDF:4005409.3/32

All: 9318.582+/-1.025 χ^2/NDF: 5595690.7/61

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3746.211+/-2670.631 χ^2/NDF: 22.6/22

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

Right Out: 7392.688+/-2444.906 χ^2/NDF: 25.4/25

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

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

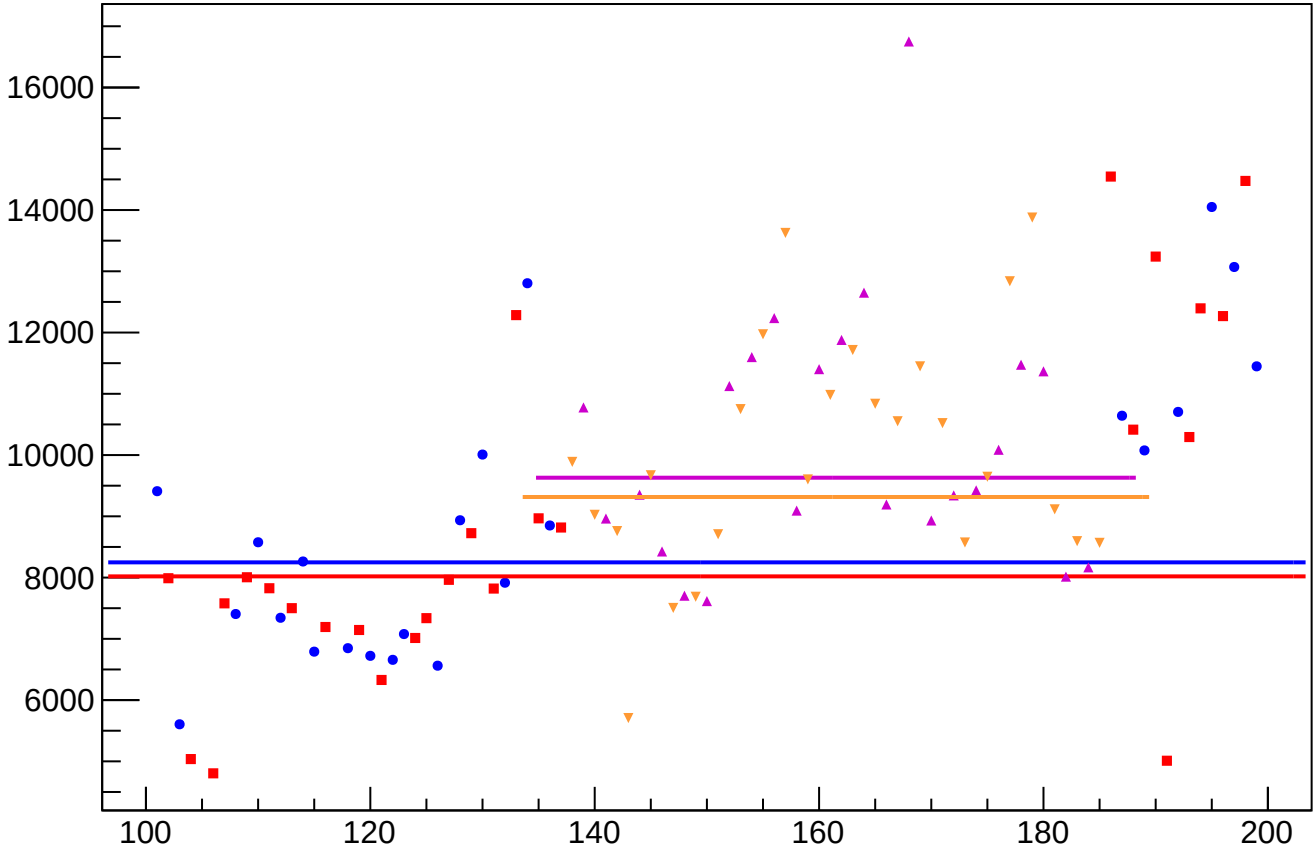
Right: 5730.039+/-1803.339 χ^2/NDF: 49.0/48

In: 3503.041+/-1758.364 χ^2/NDF:36.0/45

Out: 3985.595+/-1648.540 χ^2/NDF:56.8/50

All: 3759.857+/-1202.646 χ^2/NDF: 92.8/96

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 8248.415+/-1.888 χ^2/NDF: 1286148.2/22

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

Right Out: 8019.580+/-1.729 χ^2/NDF: 1988309.5/25

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

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

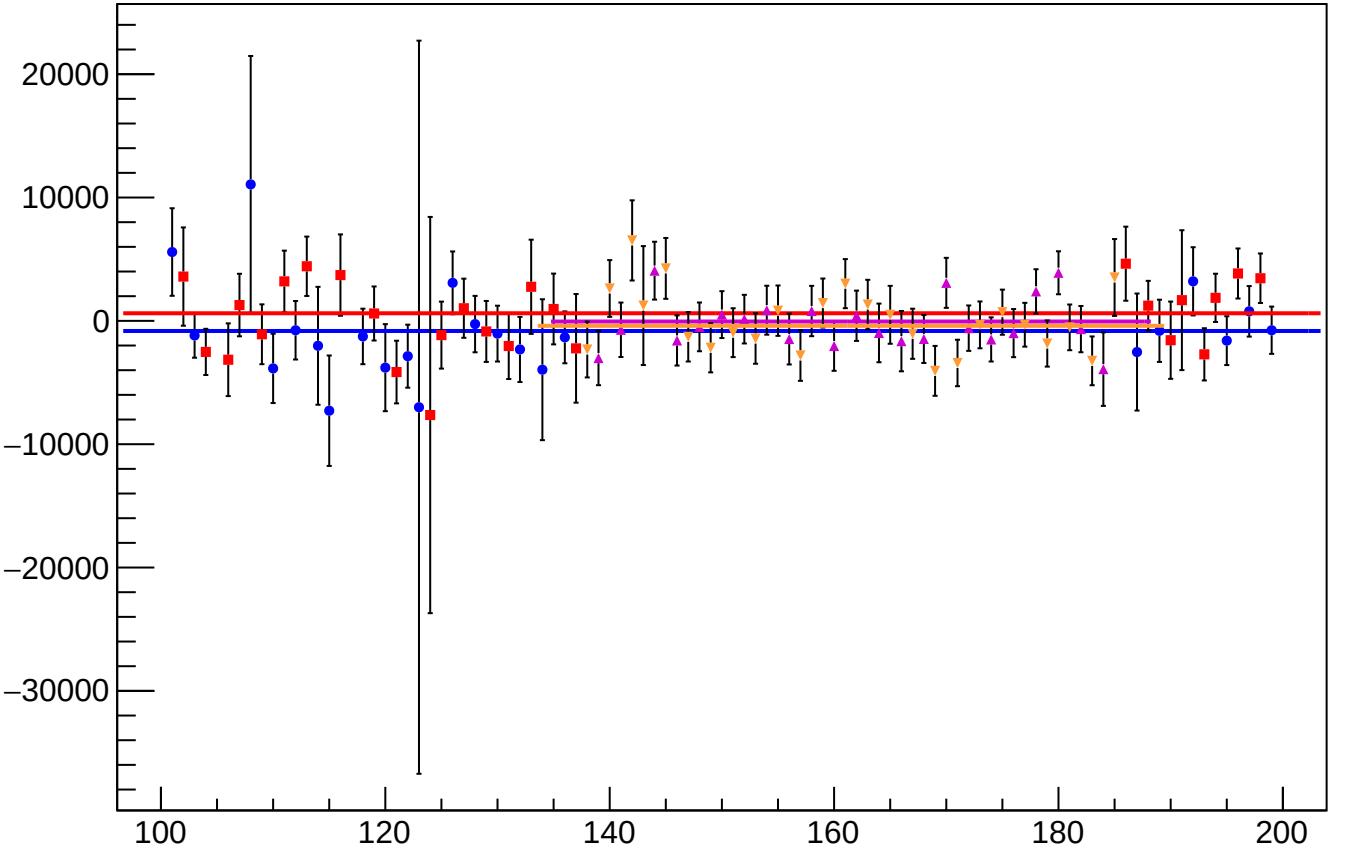
Right: 8123.910+/-1.275 χ^2/NDF: 3282447.3/48

In: 9031.263+/-1.243 χ^2/NDF:2664169.7/45

Out: 8726.192+/-1.166 χ^2/NDF:3798242.7/50

All: 8868.898+/-0.850 χ^2/NDF: 6494453.7/96

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -821.088+/-553.317 χ^2/NDF: 15.5/22

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

Right Out: 615.796+/-506.155 χ^2/NDF: 26.2/25

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

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

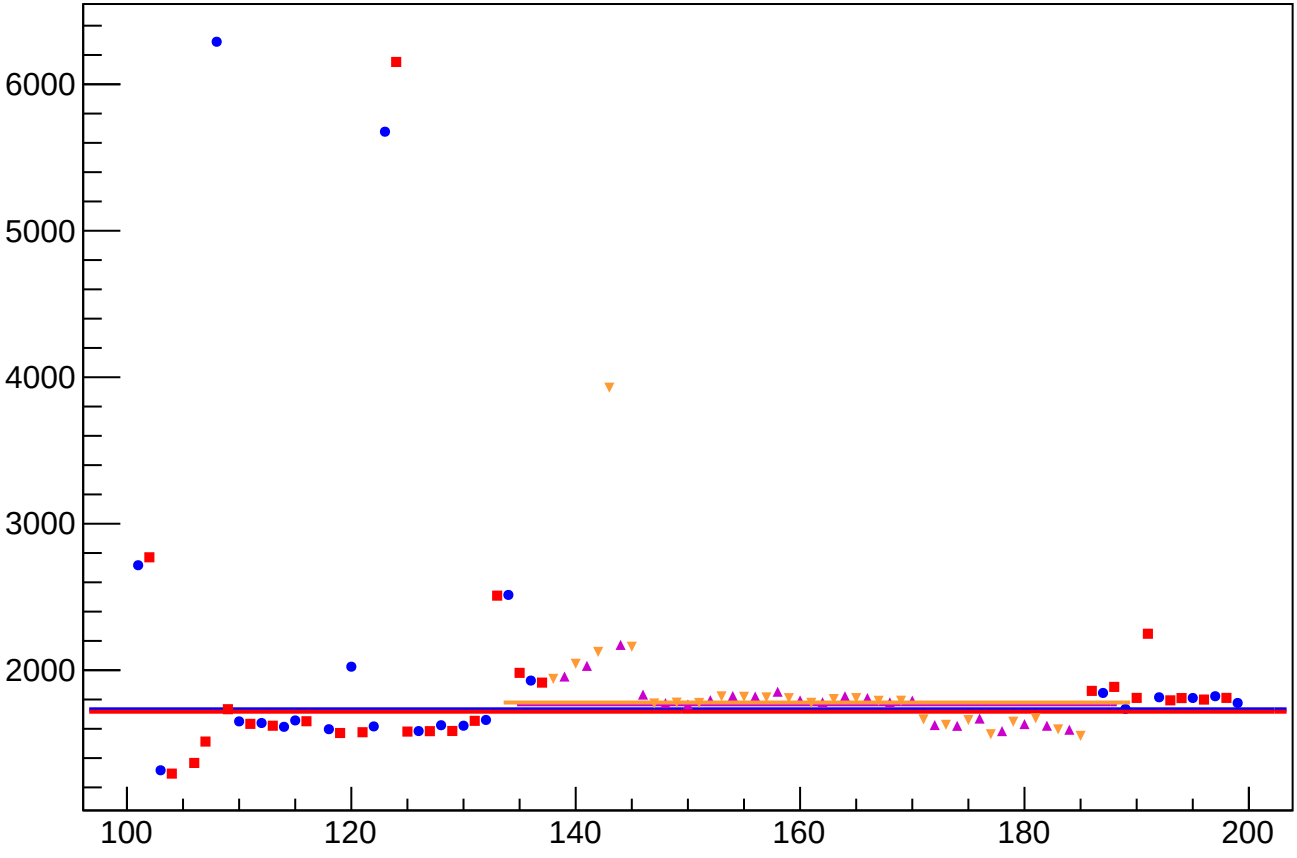
Right: -38.809+/-373.468 χ^2/NDF: 45.3/48

In: -336.292+/-335.834 χ^2/NDF:37.5/45

Out: 11.321+/-322.871 χ^2/NDF:57.5/50

All: -155.647+/-232.752 χ^2/NDF: 95.6/96

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1733.066+/-0.391 χ^2/NDF: 793845.1/22

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

Right Out: 1716.723+/-0.358 χ^2/NDF: 634892.4/25

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

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

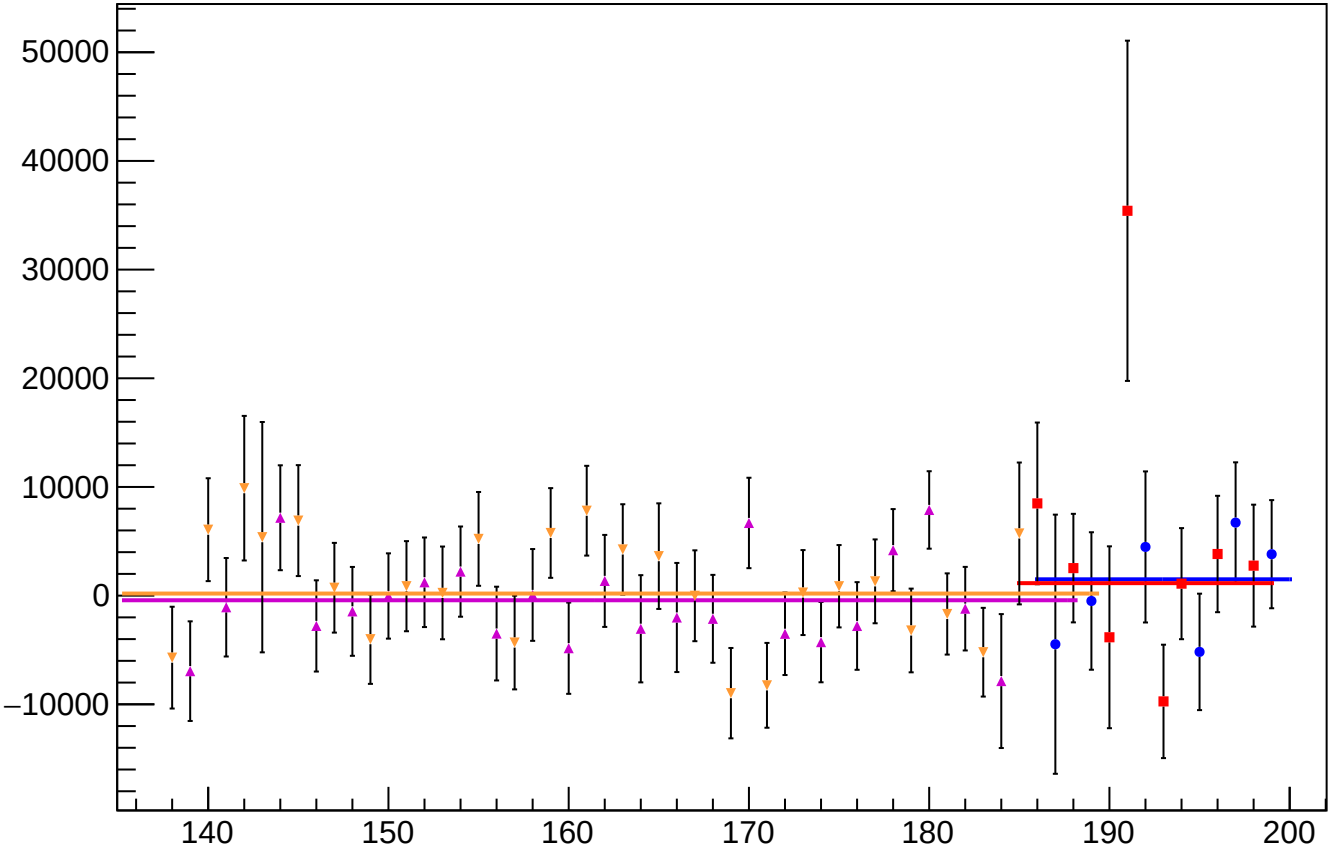
Right: 1724.169+/-0.264 χ^2/NDF: 1429687.5/48

In: 1754.697+/-0.237 χ^2/NDF:995268.3/45

Out: 1753.917+/-0.228 χ^2/NDF:1264026.1/50

All: 1754.292+/-0.165 χ^2/NDF: 2259300.1/96

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1501.944+/-2496.521 χ^2/NDF: 3.2/5

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

Right Out: 1148.791+/-2140.913 χ^2/NDF: 10.9/7

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

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

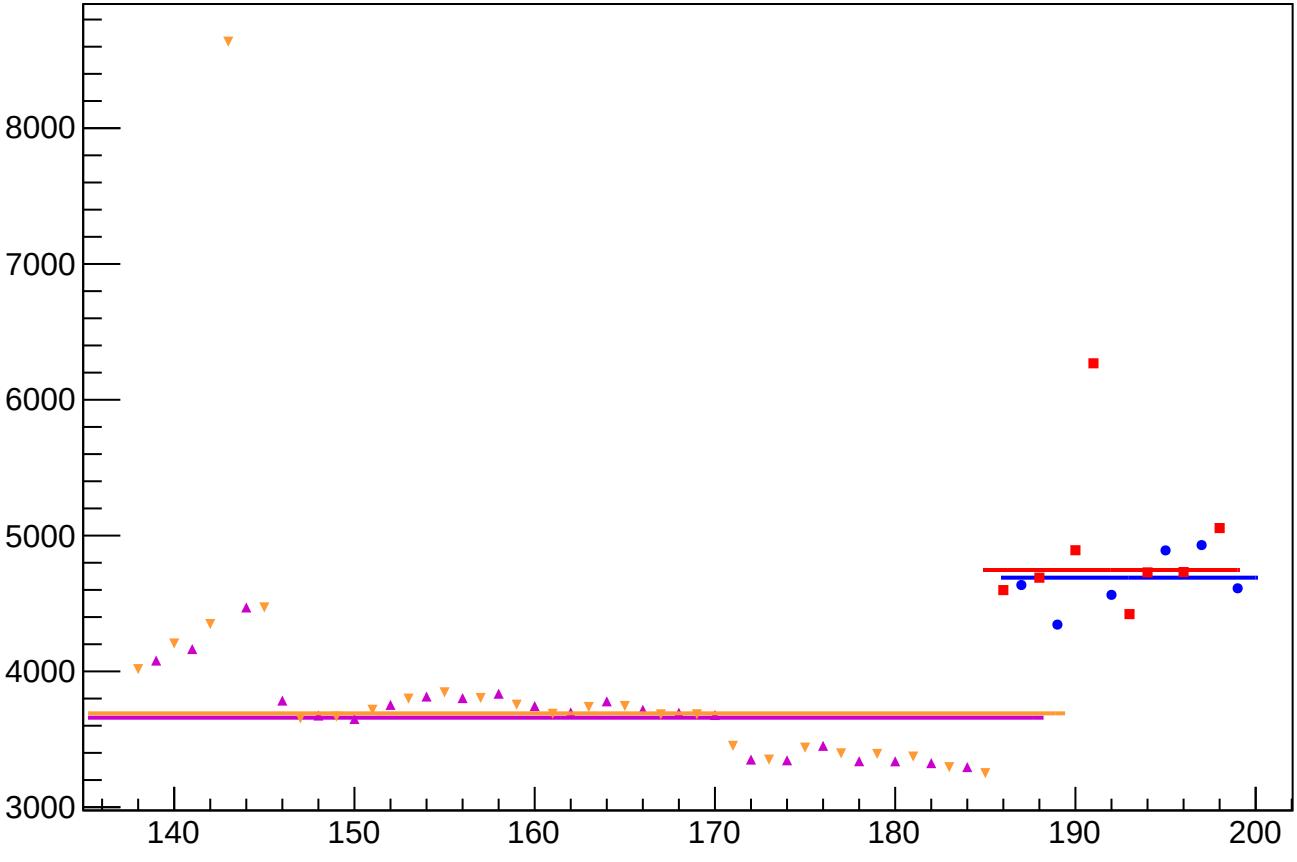
Right: 1298.445+/-1625.169 χ^2/NDF: 14.1/13

In: -215.138+/-825.641 χ^2/NDF:25.0/28

Out: 326.814+/-805.923 χ^2/NDF:41.6/32

All: 62.387+/-576.719 χ^2/NDF: 66.9/61

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4690.139+/-1.765 χ^2/NDF: 13716.1/5

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

Right Out: 4746.670+/-1.514 χ^2/NDF: 34419.0/7

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

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

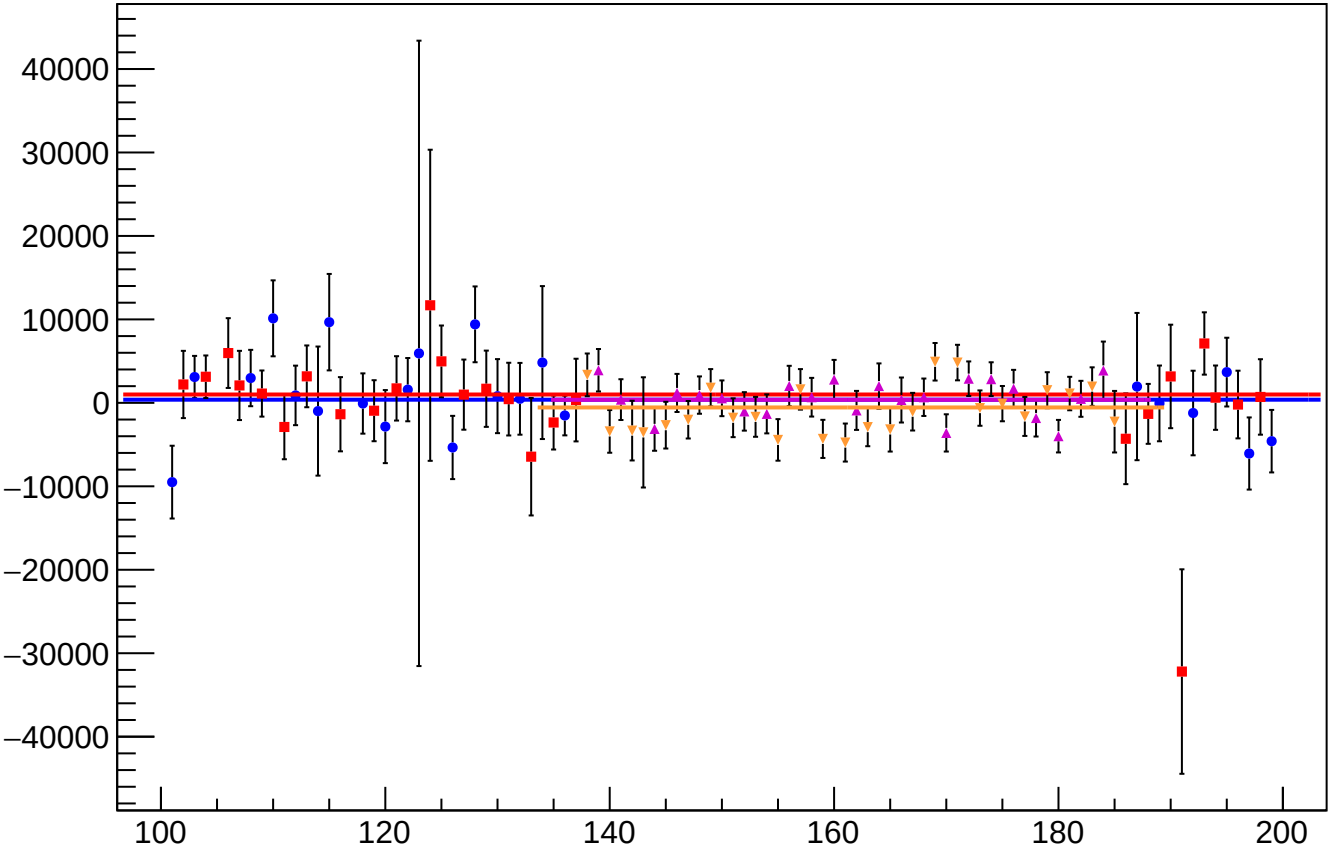
Right: 4722.715+/-1.149 χ^2/NDF: 48726.1/13

In: 3771.856+/-0.584 χ^2/NDF:515613.6/28

Out: 3840.746+/-0.570 χ^2/NDF:1091130.4/32

All: 3807.133+/-0.408 χ^2/NDF: 1613874.1/61

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 377.652+/-855.950 χ^2/NDF: 26.7/22

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

Right Out: 1000.013+/-801.220 χ^2/NDF: 19.3/25

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

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

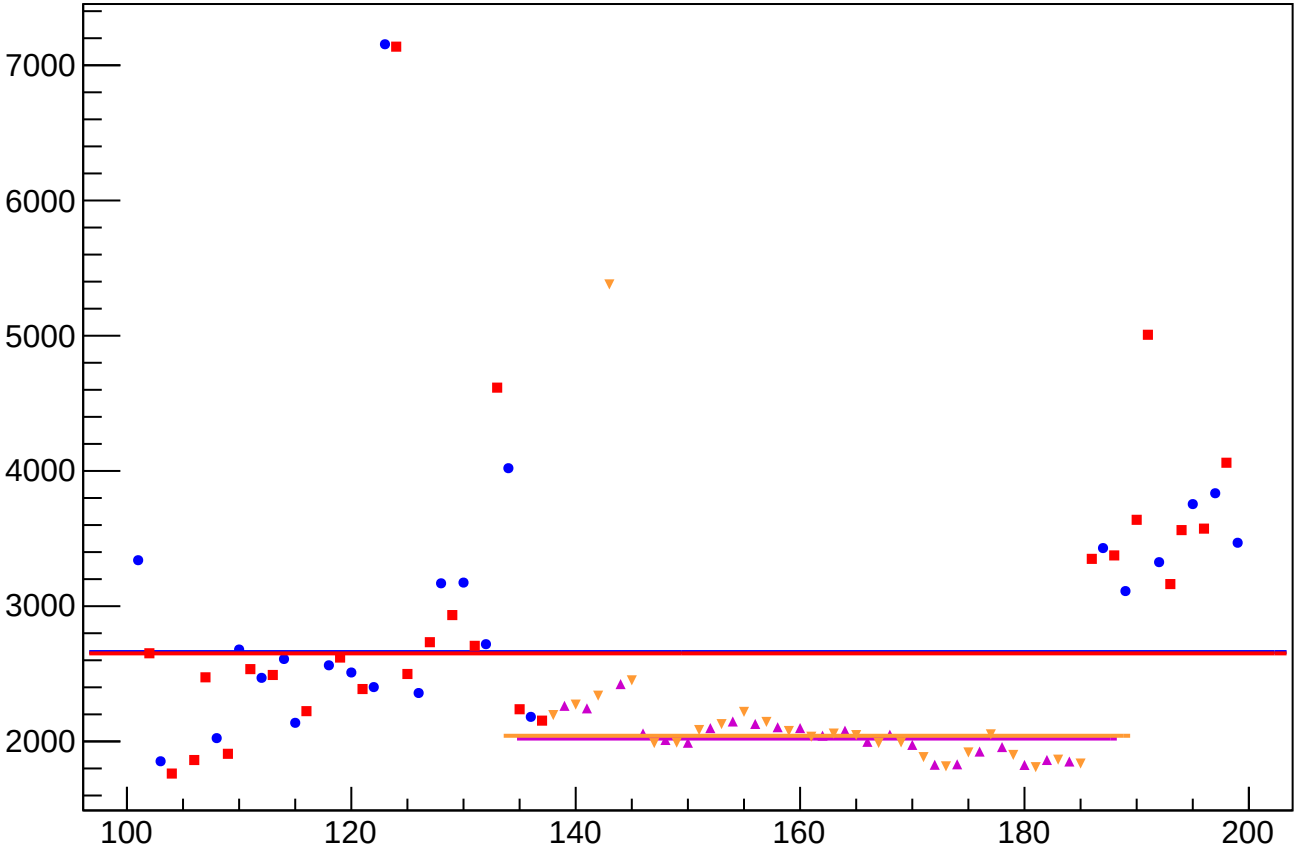
Right: 709.364+/-584.940 χ^2/NDF: 46.2/48

In: 368.999+/-420.711 χ^2/NDF:47.2/45

Out: -139.613+/-412.790 χ^2/NDF:56.1/50

All: 109.860+/-294.647 χ^2/NDF: 104.0/96

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2660.797+/-0.605 χ^2/NDF: 1028859.3/22

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

Right Out: 2650.970+/-0.567 χ^2/NDF: 1518031.5/25

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

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

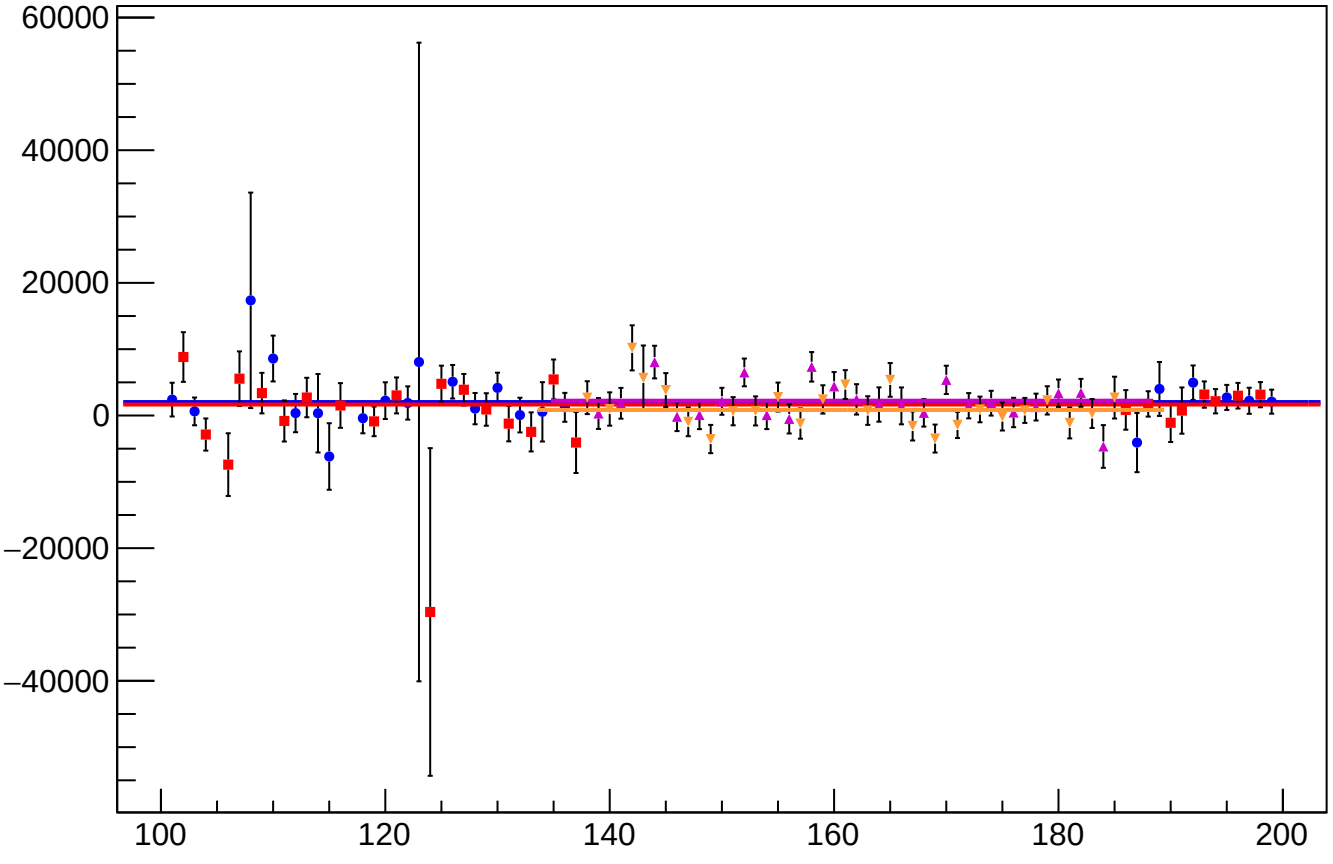
Right: 2655.559+/-0.414 χ^2/NDF: 2547031.3/48

In: 2175.615+/-0.297 χ^2/NDF:2054883.7/45

Out: 2203.481+/-0.292 χ^2/NDF:3074190.1/50

All: 2189.813+/-0.208 χ^2/NDF: 5133544.2/96

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2028.937+/-561.081 χ^2/NDF: 16.1/22

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

Right Out: 1659.352+/-522.072 χ^2/NDF: 27.3/25

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

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

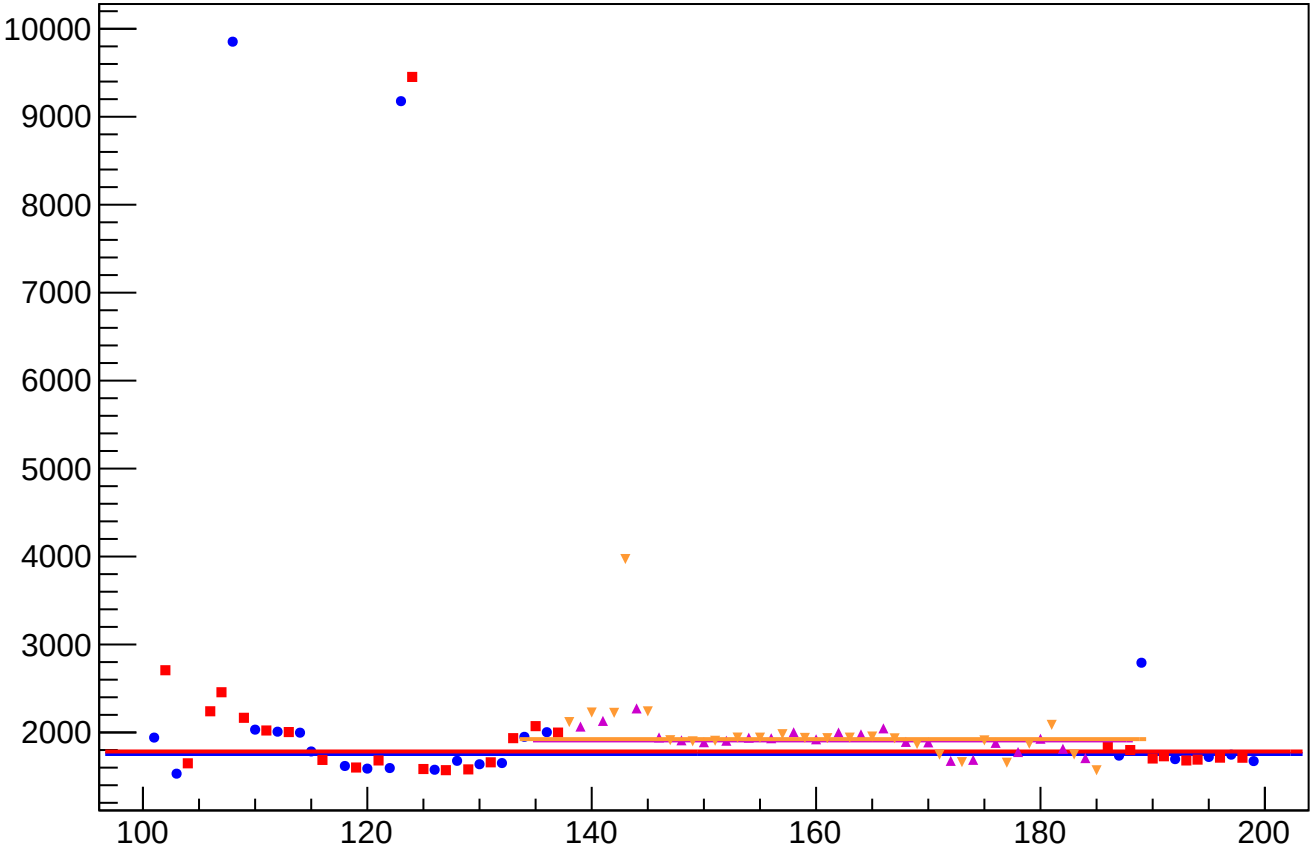
Right: 1830.851+/-382.208 χ^2/NDF: 43.5/48

In: 2153.053+/-354.672 χ^2/NDF:47.1/45

Out: 1191.790+/-342.799 χ^2/NDF:61.0/50

All: 1656.062+/-246.486 χ^2/NDF: 111.9/96

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1755.066+/-0.397 χ^2/NDF: 818431.1/22

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

Right Out: 1783.608+/-0.369 χ^2/NDF: 558262.8/25

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

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

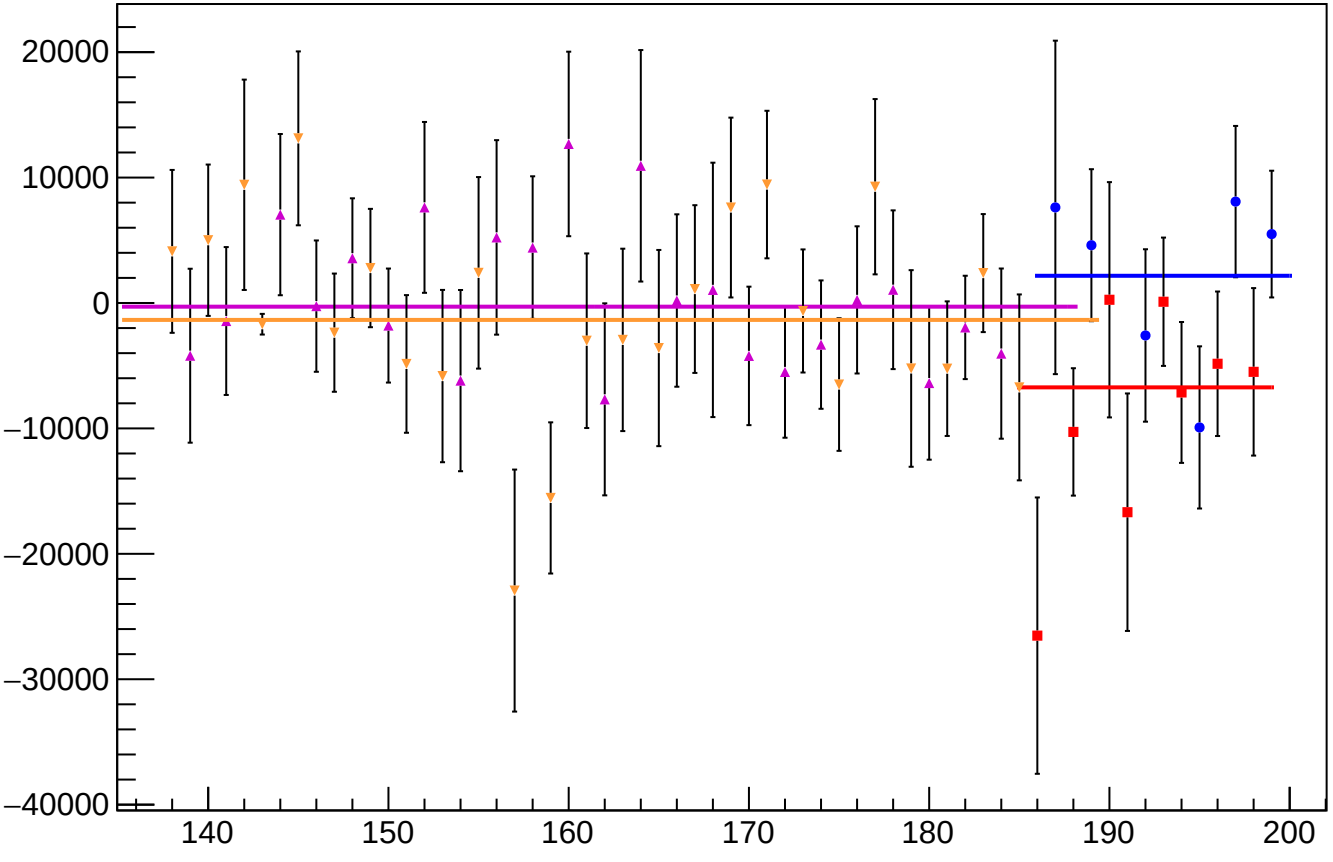
Right: 1770.373+/-0.270 χ^2/NDF: 1379469.5/48

In: 1847.885+/-0.251 χ^2/NDF:1074065.8/45

Out: 1863.471+/-0.242 χ^2/NDF:1224626.8/50

All: 1855.945+/-0.174 χ^2/NDF: 2300689.9/96

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 2169.239+/-2629.648 χ^2/NDF: 5.7/5

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

Right Out: -6728.122+/-2282.212 χ^2/NDF: 7.3/7

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

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

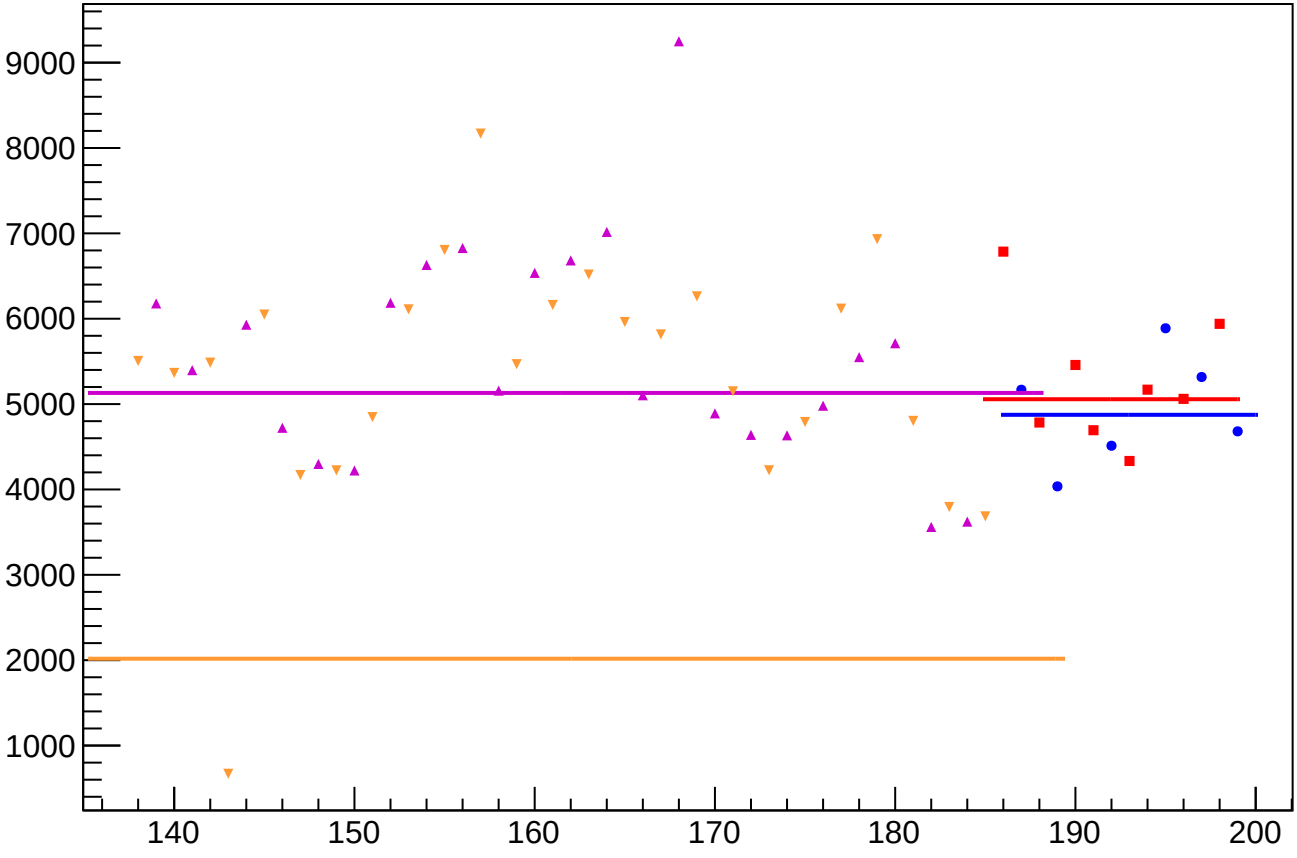
Right: -2905.656+/-1723.610 χ^2/NDF: 19.5/13

In: 161.309+/-1130.618 χ^2/NDF:20.9/28

Out: -1800.839+/-661.051 χ^2/NDF:43.3/32

All: -1300.960+/-570.667 χ^2/NDF: 66.5/61

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 4874.359+/-1.859 χ^2/NDF: 107669.1/5

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

Right Out: 5057.050+/-1.614 χ^2/NDF: 137414.0/7

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

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

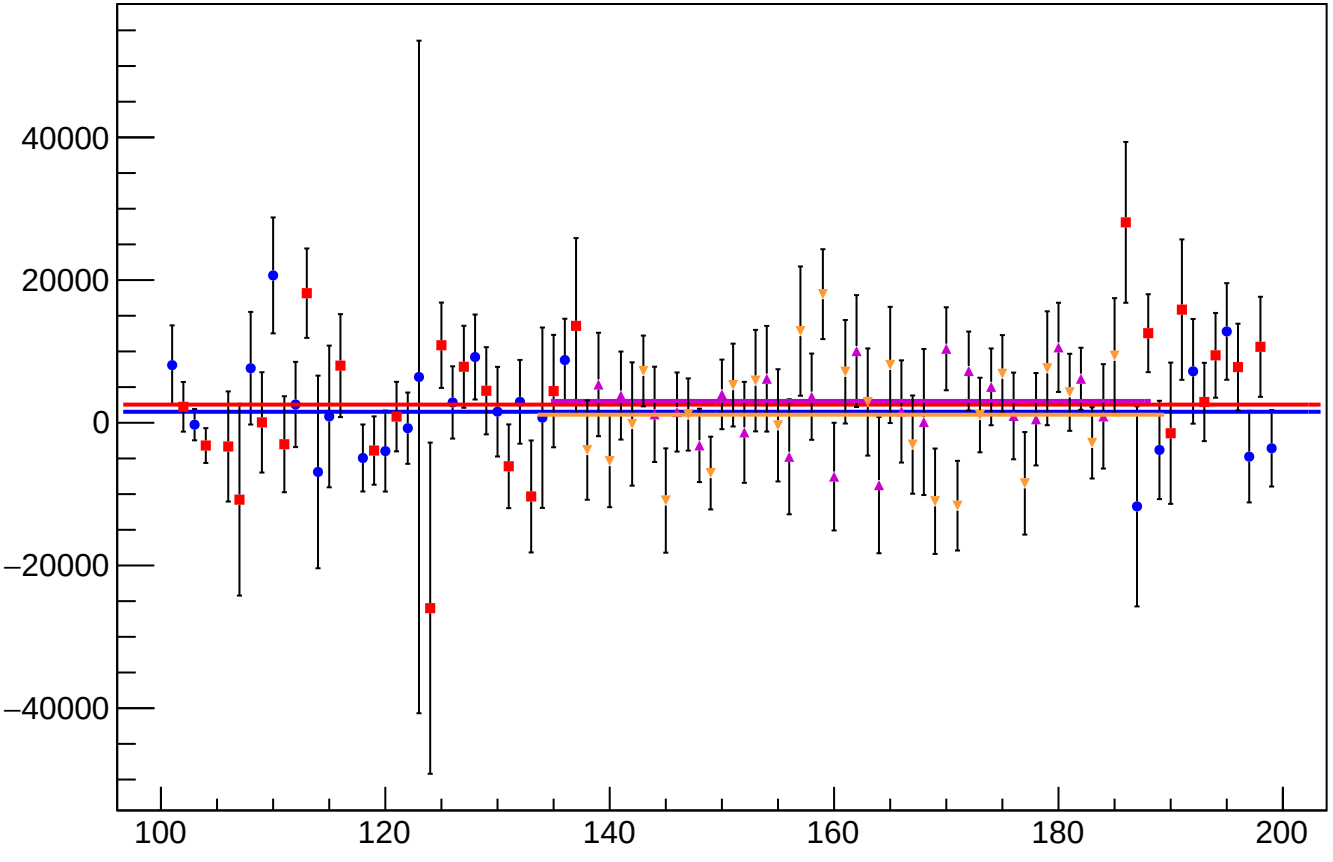
Right: 4978.562+/-1.219 χ^2/NDF: 250589.1/13

In: 5083.359+/-0.799 χ^2/NDF:1612981.0/28

Out: 2272.282+/-0.467 χ^2/NDF:22547676.6/32

All: 2988.435+/-0.404 χ^2/NDF: 33374463.4/6

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1543.138+/-1181.671 χ^2/NDF: 21.8/22

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

Right Out: 2547.738+/-1138.615 χ^2/NDF: 40.7/25

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

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

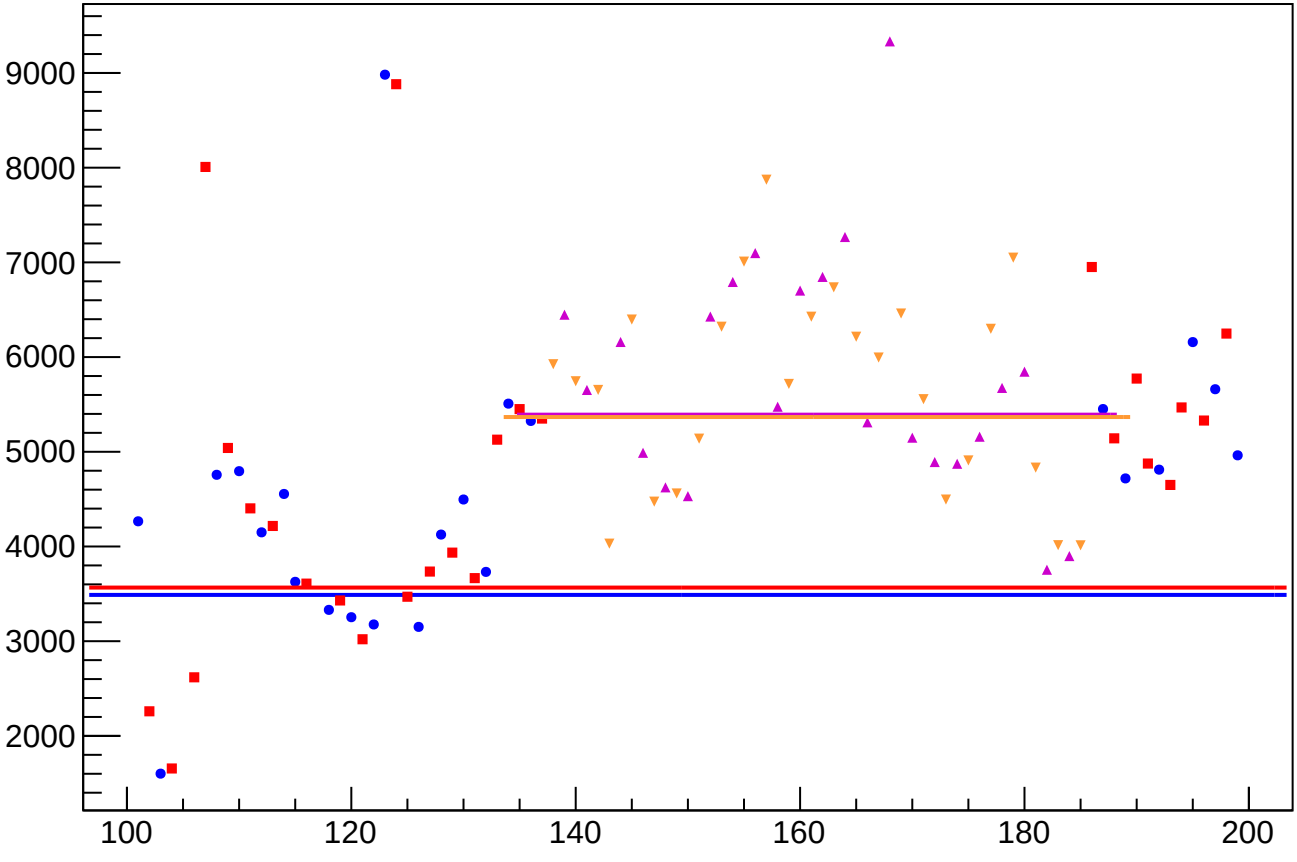
Right: 2064.073+/-819.921 χ^2/NDF: 62.8/48

In: 2222.467+/-878.398 χ^2/NDF:34.8/45

Out: 1922.683+/-850.797 χ^2/NDF:73.8/50

All: 2067.792+/-611.129 χ^2/NDF: 108.7/96

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3488.752+/-0.836 χ^2/NDF: 2906227.3/22

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

Right Out: 3566.206+/-0.796 χ^2/NDF: 3531744.9/25

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

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

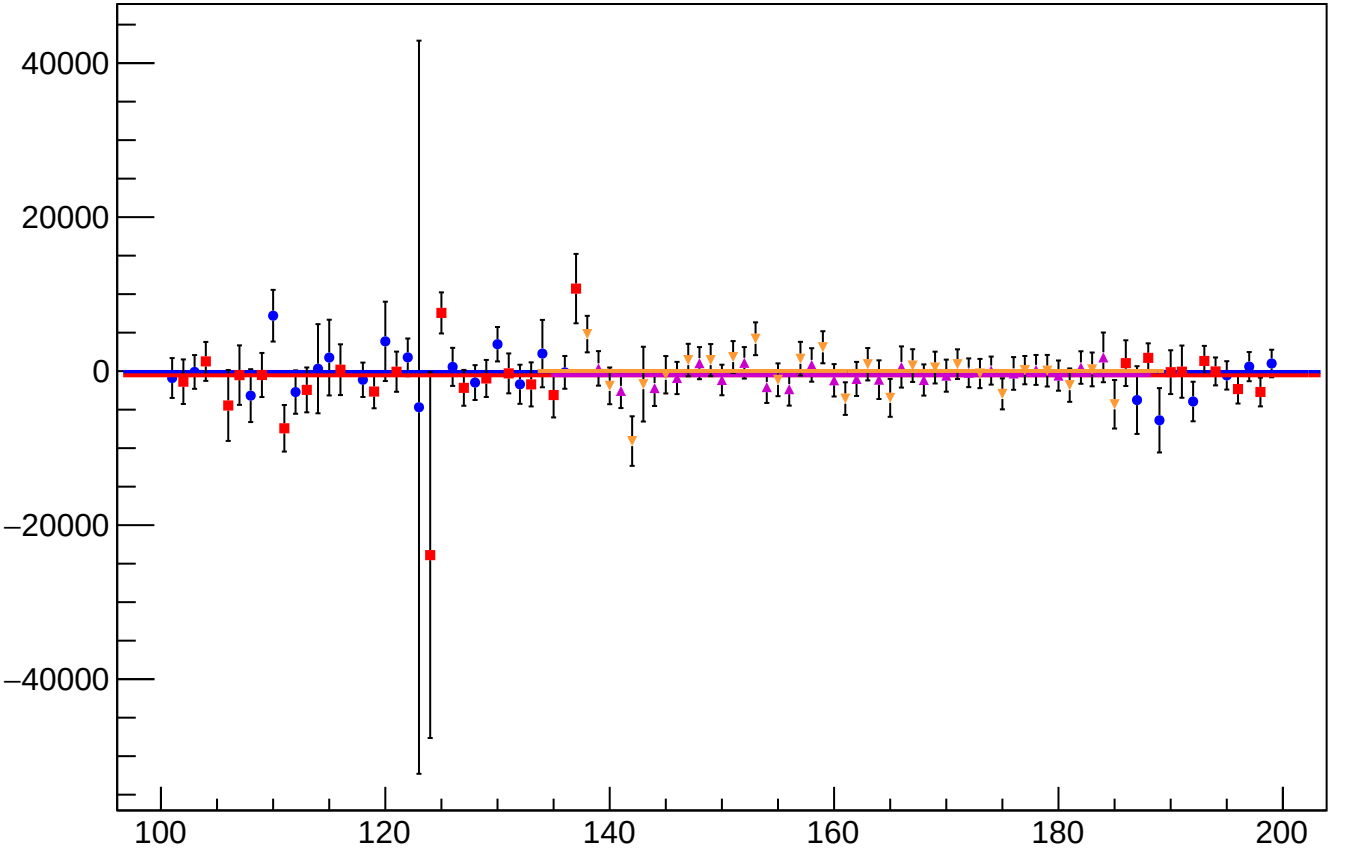
Right: 3529.359+/-0.576 χ^2/NDF: 6442477.2/48

In: 4340.307+/-0.621 χ^2/NDF:6548021.5/45

Out: 4351.354+/-0.598 χ^2/NDF:6976984.7/50

All: 4346.043+/-0.431 χ^2/NDF: 13525170.4/9

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -108.021+/-553.302 χ^2/NDF: 17.5/22

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

Right Out: -539.057+/-508.433 χ^2/NDF: 30.8/25

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

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

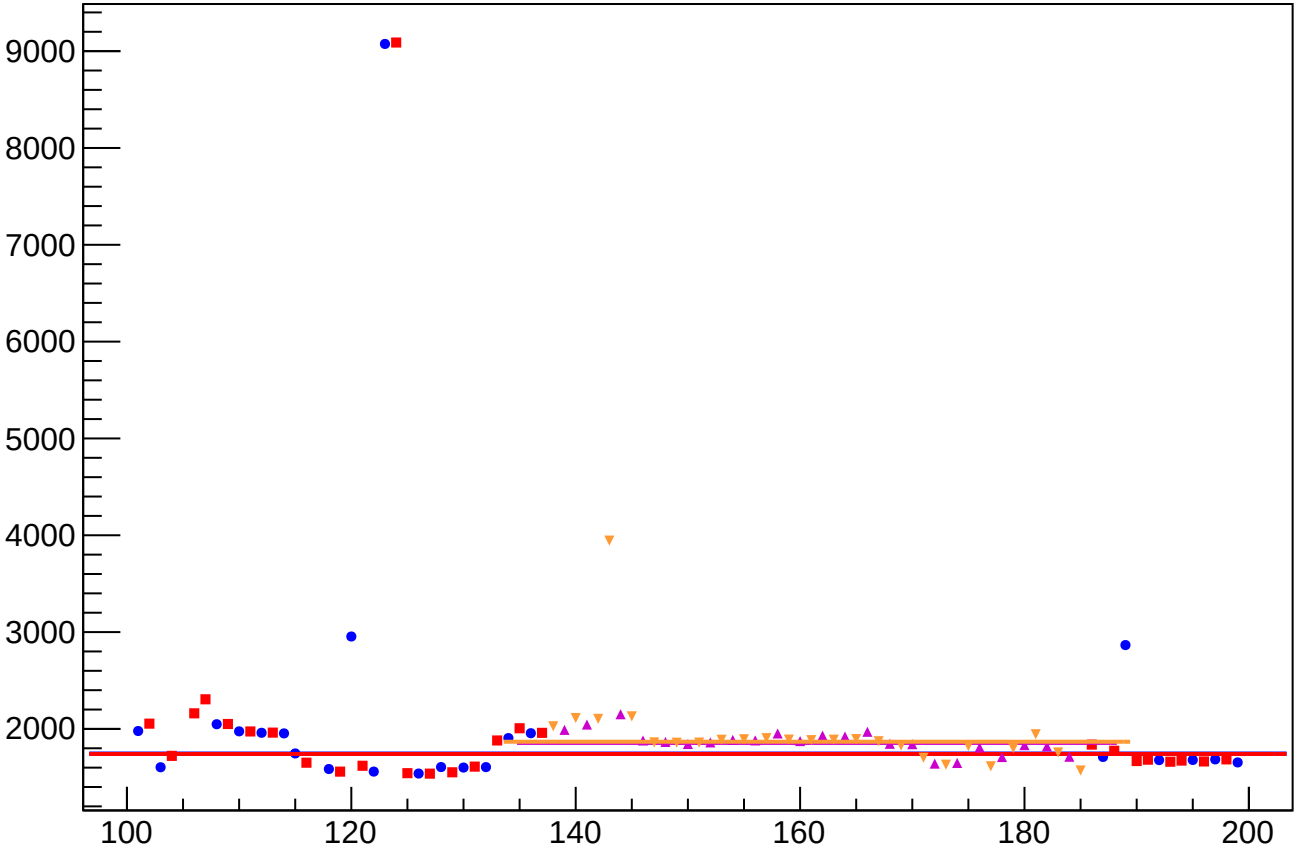
Right: -341.722+/-374.375 χ^2/NDF: 48.7/48

In: -355.222+/-346.481 χ^2/NDF:23.8/45

Out: -217.922+/-333.024 χ^2/NDF:63.2/50

All: -283.854+/-240.100 χ^2/NDF: 87.1/96

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1745.691+/-0.391 χ^2/NDF: 456248.7/22

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

Right Out: 1741.323+/-0.359 χ^2/NDF: 429232.9/25

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

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

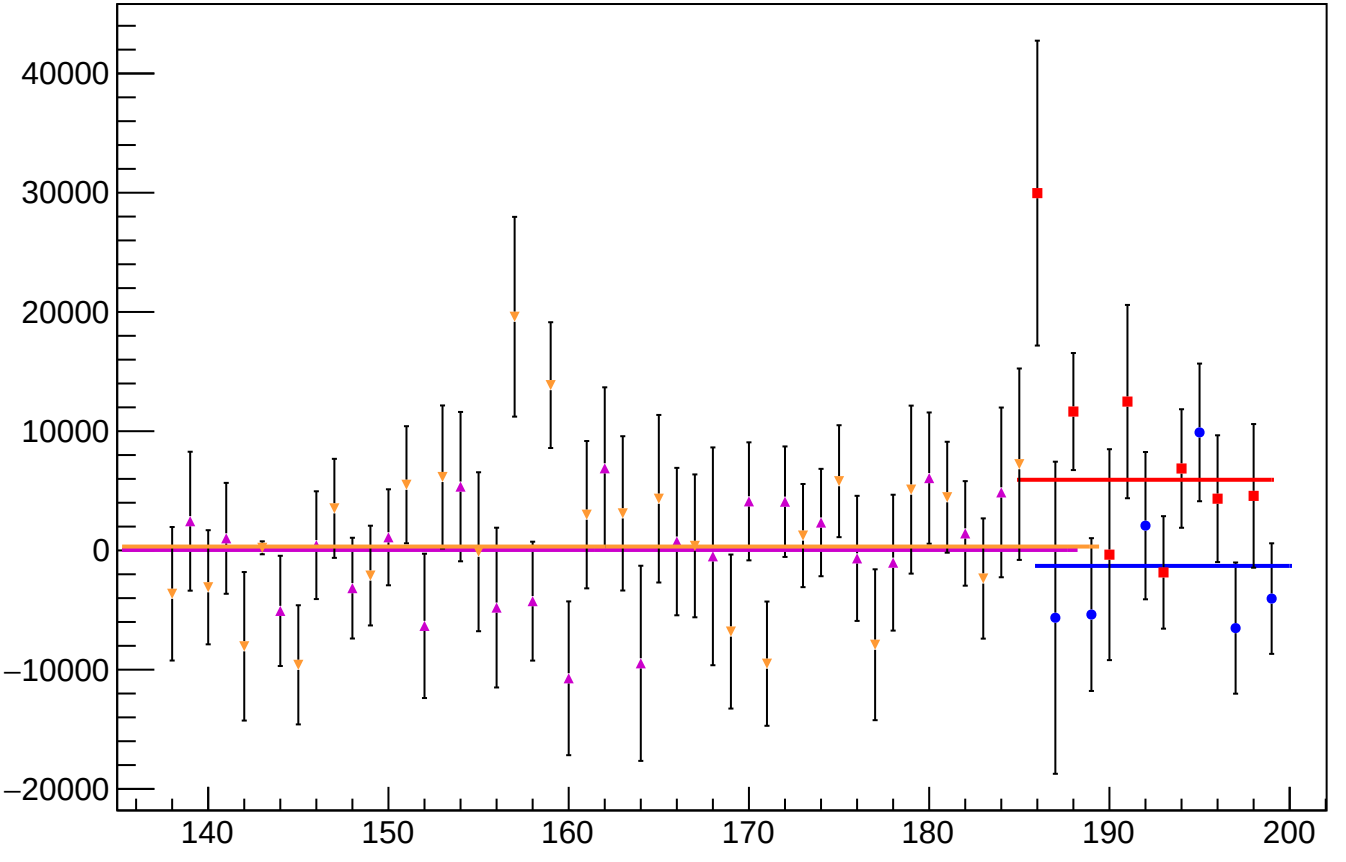
Right: 1743.321+/-0.265 χ^2/NDF: 885549.1/48

In: 1812.427+/-0.245 χ^2/NDF:640334.5/45

Out: 1813.335+/-0.235 χ^2/NDF:1045019.9/50

All: 1812.899+/-0.170 χ^2/NDF: 1685361.6/96

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -1297.766+/-2454.530 χ^2/NDF: 5.8/5

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

Right Out: 5925.643+/-2113.005 χ^2/NDF: 8.9/7

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

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

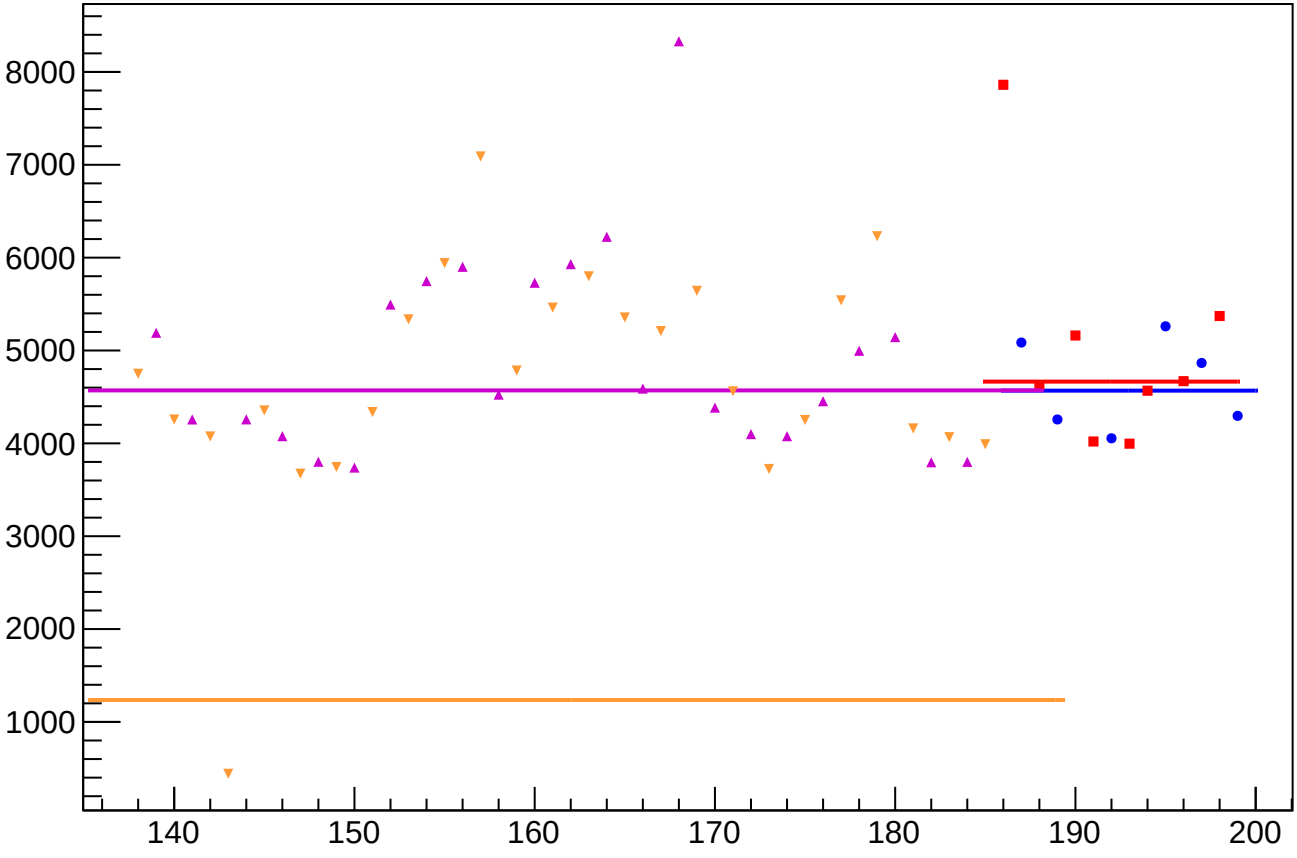
Right: 2851.046+/-1601.369 χ^2/NDF: 19.7/13

In: -186.929+/-1011.197 χ^2/NDF:19.9/28

Out: 608.993+/-475.705 χ^2/NDF:48.1/32

All: 464.766+/-430.452 χ^2/NDF: 68.6/61

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4567.846+/-1.736 χ^2/NDF: 63184.5/5

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

Right Out: 4665.032+/-1.494 χ^2/NDF: 212565.1/7

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

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

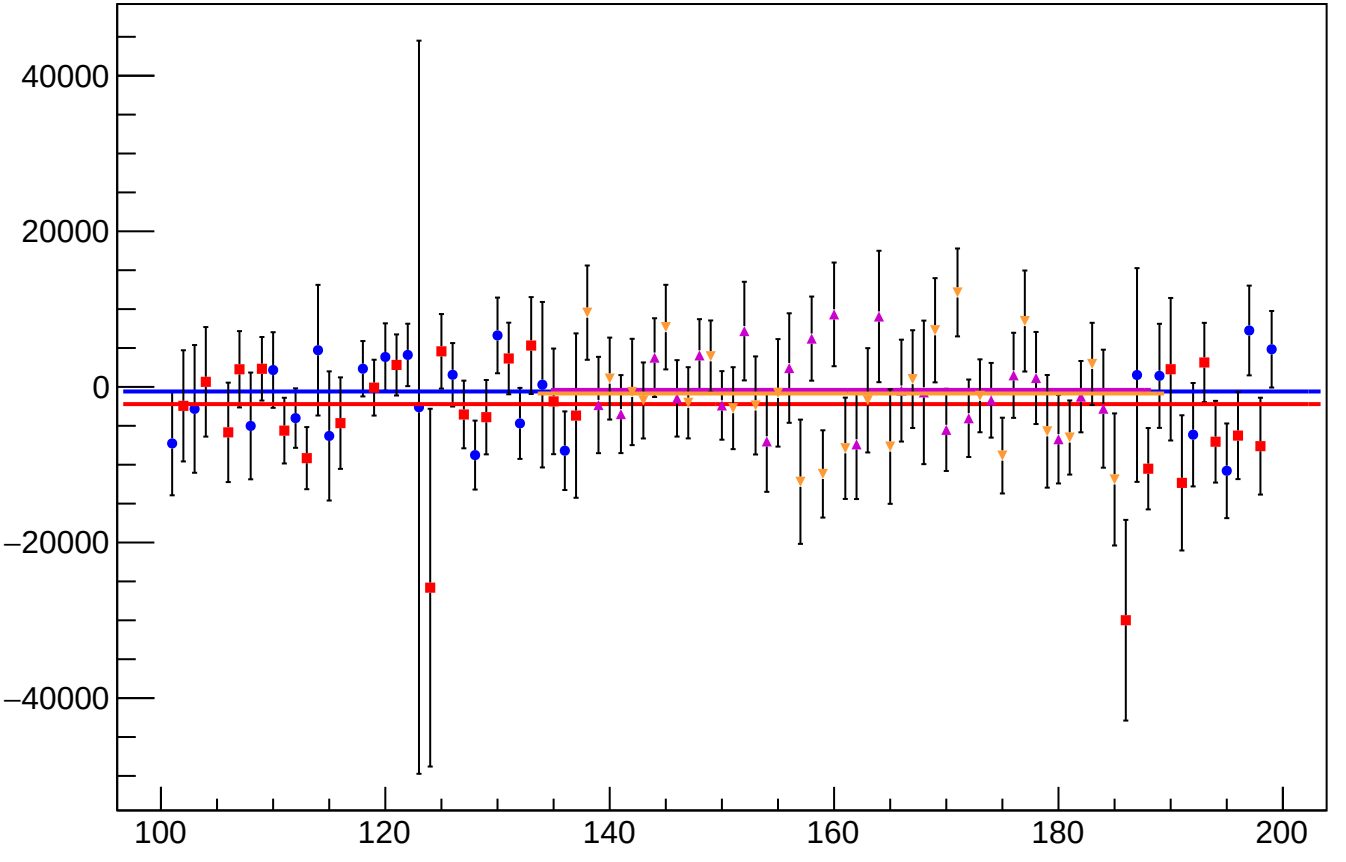
Right: 4623.666+/-1.132 χ^2/NDF: 277550.5/13

In: 4569.965+/-0.715 χ^2/NDF:1208397.9/28

Out: 1409.960+/-0.336 χ^2/NDF:28608101.3/32

All: 1982.577+/-0.304 χ^2/NDF: 45808665.8/6

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -586.679+/-1124.364 χ^2/NDF: 22.2/22

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

Right Out: -2211.122+/-1052.843 χ^2/NDF: 26.8/25

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

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

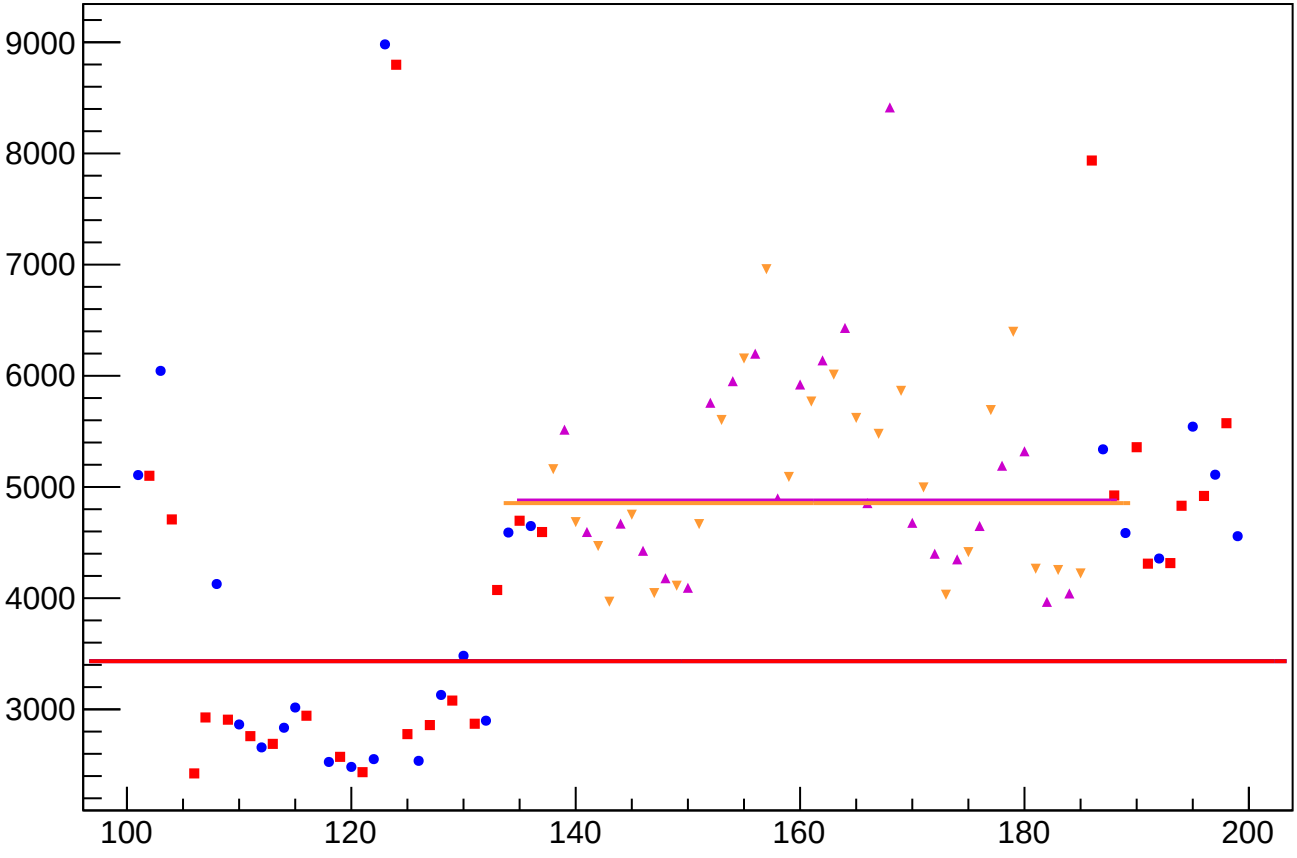
Right: -1452.205+/-768.514 χ^2/NDF: 50.1/48

In: -490.877+/-814.482 χ^2/NDF:36.2/45

Out: -1589.967+/-777.375 χ^2/NDF:57.6/50

All: -1066.028+/-562.348 χ^2/NDF: 94.7/96

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3433.612+/-0.795 χ^2/NDF: 1747955.7/22

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

Right Out: 3432.984+/-0.737 χ^2/NDF: 2124933.6/25

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

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

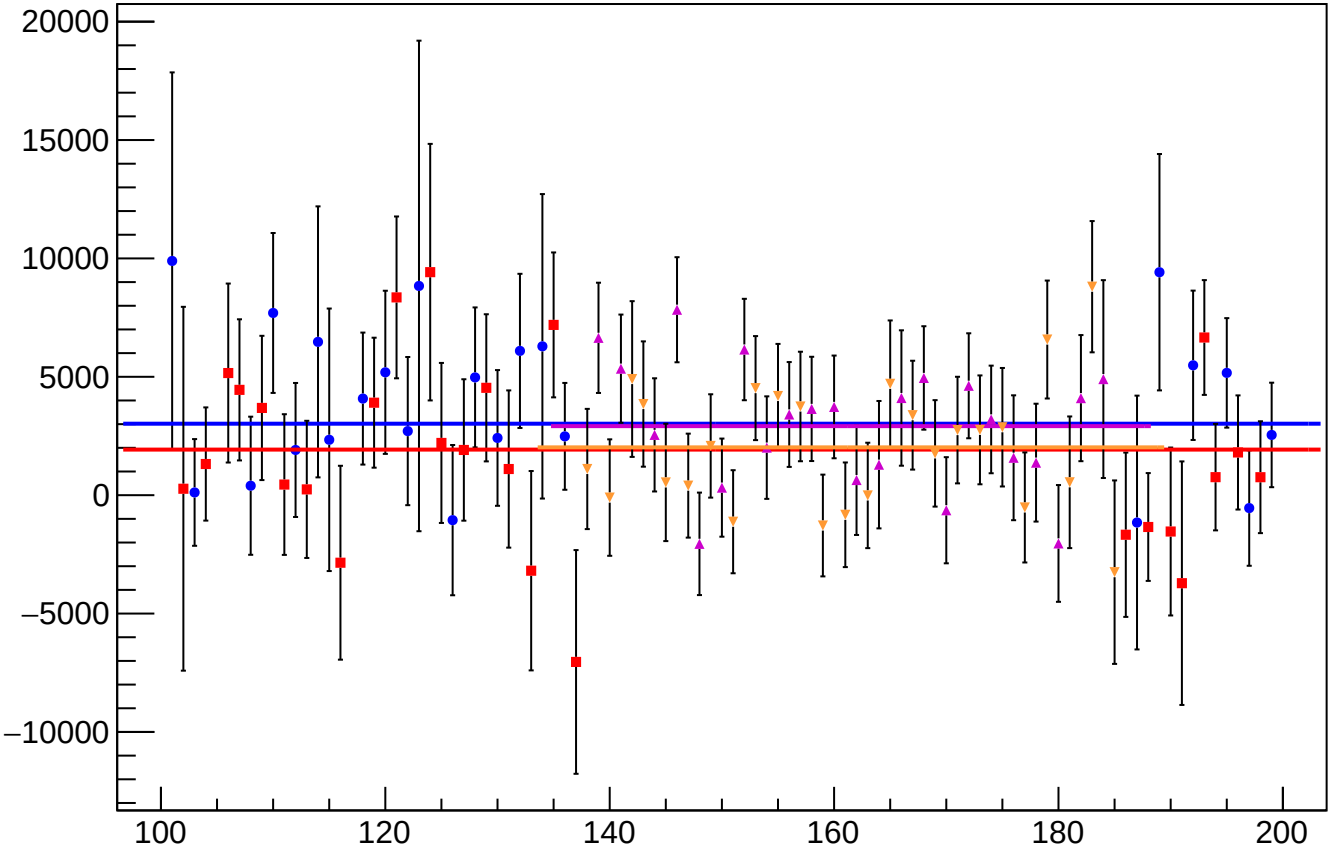
Right: 3433.275+/-0.541 χ^2/NDF: 3872889.6/48

In: 4120.185+/-0.576 χ^2/NDF:4282341.5/45

Out: 4072.808+/-0.547 χ^2/NDF:4694563.4/50

All: 4095.266+/-0.397 χ^2/NDF: 8980464.3/96

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3018.948+/-657.007 χ^2/NDF: 15.8/22

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

Right Out: 1925.424+/-603.965 χ^2/NDF: 28.2/25

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

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

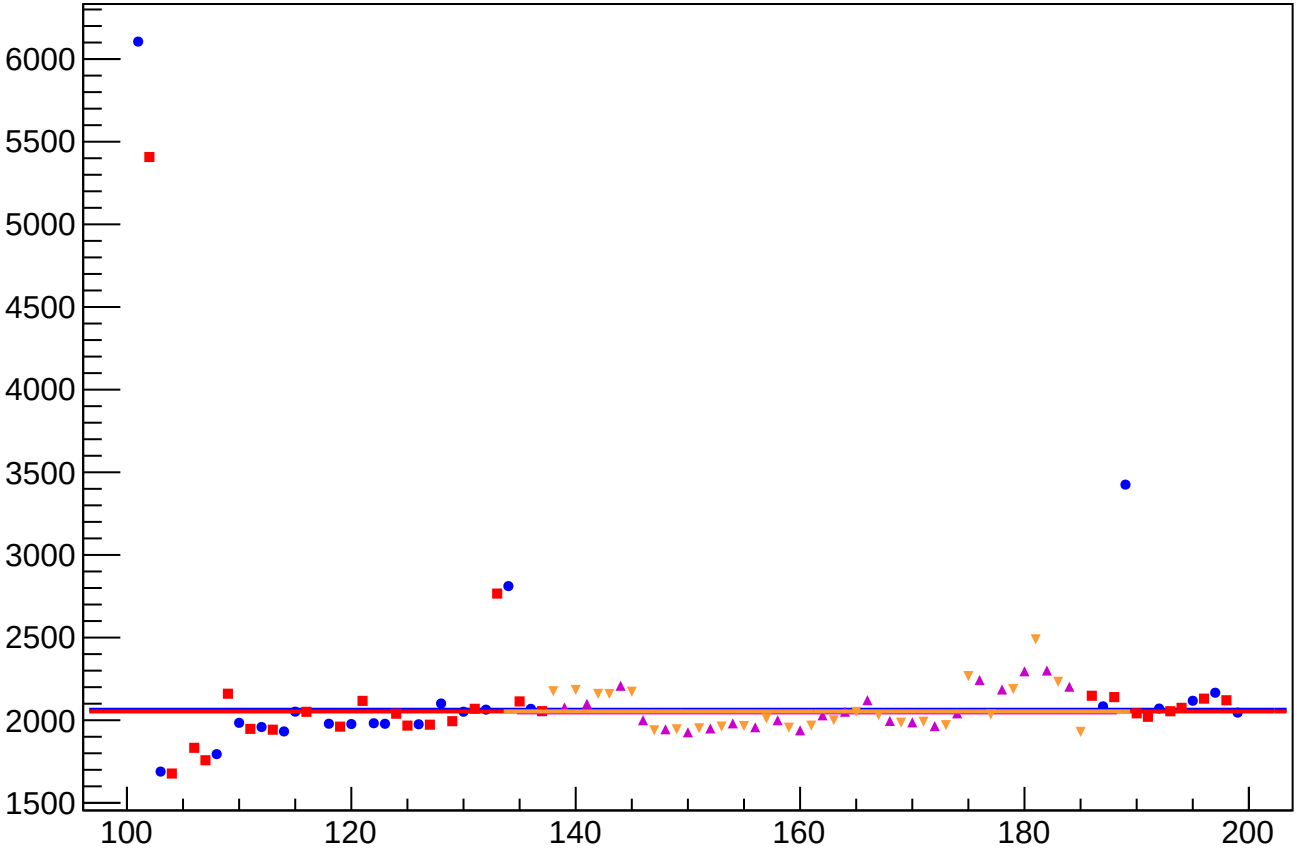
Right: 2426.268+/-444.639 χ^2/NDF: 45.5/48

In: 2952.793+/-392.503 χ^2/NDF:44.6/45

Out: 1982.851+/-376.419 χ^2/NDF:55.4/50

All: 2447.542+/-271.677 χ^2/NDF: 103.2/96

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2063.541+/-0.465 χ^2/NDF: 779525.7/22

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

Right Out: 2053.025+/-0.427 χ^2/NDF: 538122.5/25

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

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

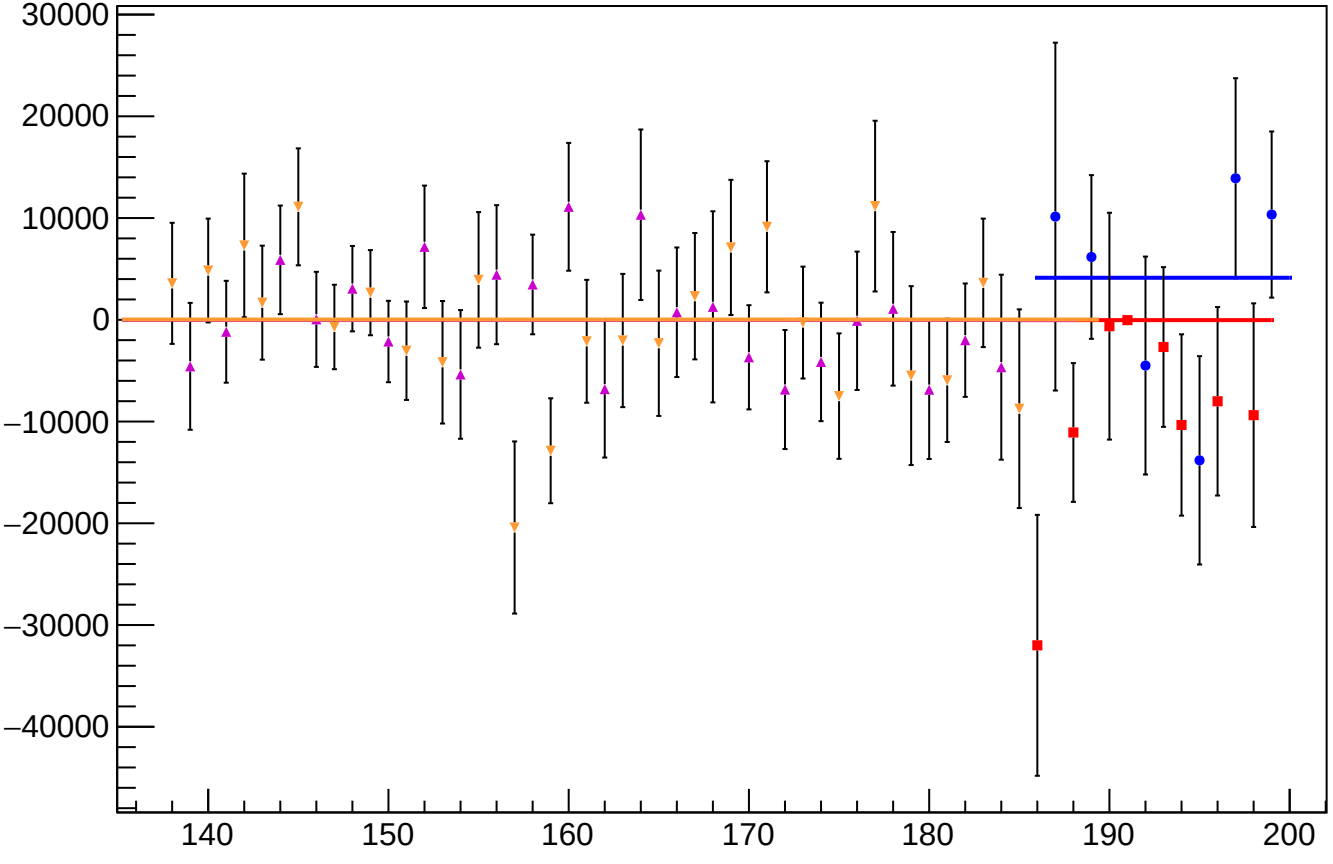
Right: 2057.840+/-0.314 χ^2/NDF: 1317926.0/48

In: 2053.082+/-0.278 χ^2/NDF:883315.0/45

Out: 2053.190+/-0.266 χ^2/NDF:675010.8/50

All: 2053.138+/-0.192 χ^2/NDF: 1558326.0/96

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 4131.413+/-4000.845 χ^2/NDF: 5.5/5

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

Right Out: -31.771+/-15.145 χ^2/NDF: 11.8/7

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

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

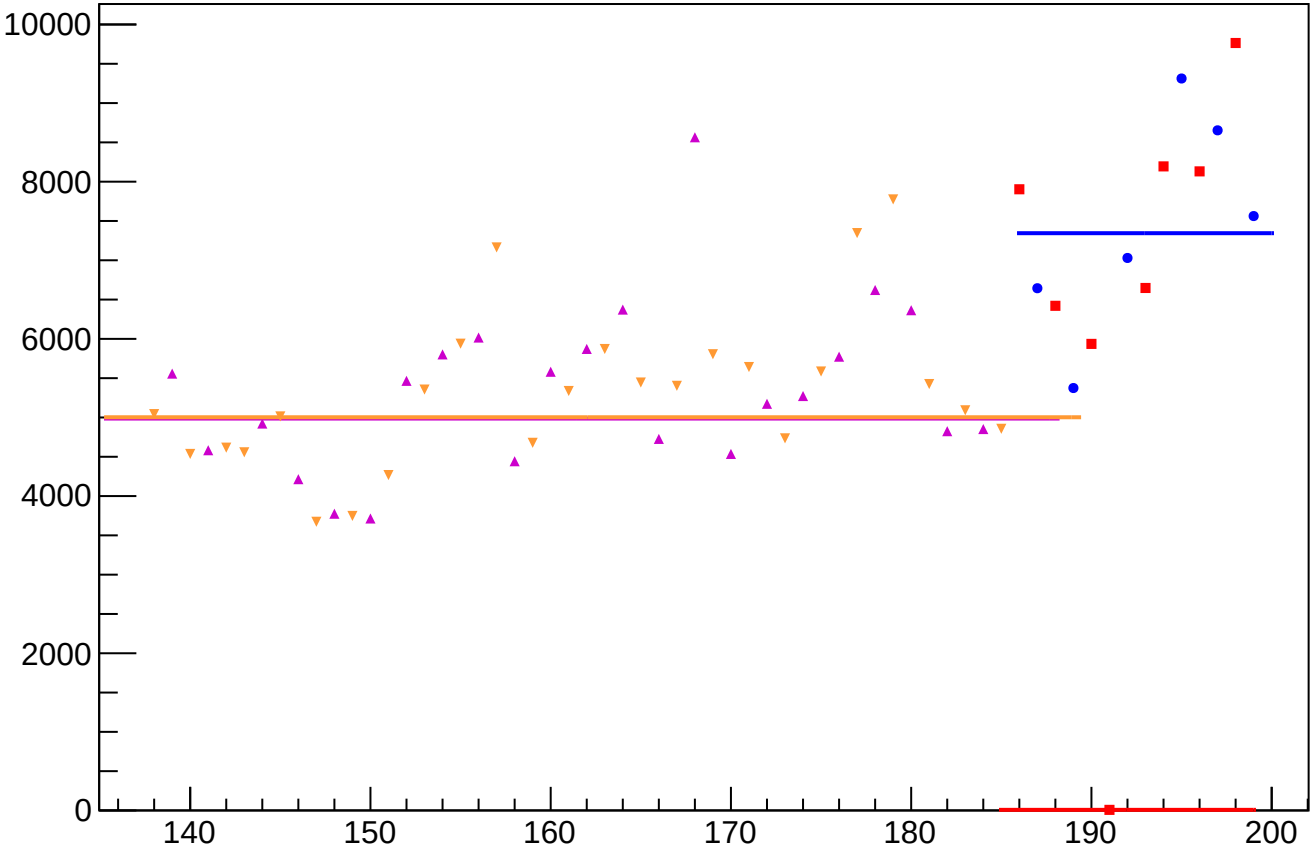
Right: -31.712+/-15.145 χ^2/NDF: 18.3/13

In: 325.320+/-1159.639 χ^2/NDF:21.7/28

Out: -31.762+/-15.144 χ^2/NDF:41.0/32

All: -31.701+/-15.142 χ^2/NDF: 62.8/61

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 7344.601+/-2.829 χ^2/NDF: 235783.6/5

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

Right Out: 7.649+/-0.011 χ^2/NDF: 9326627.4/7

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

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

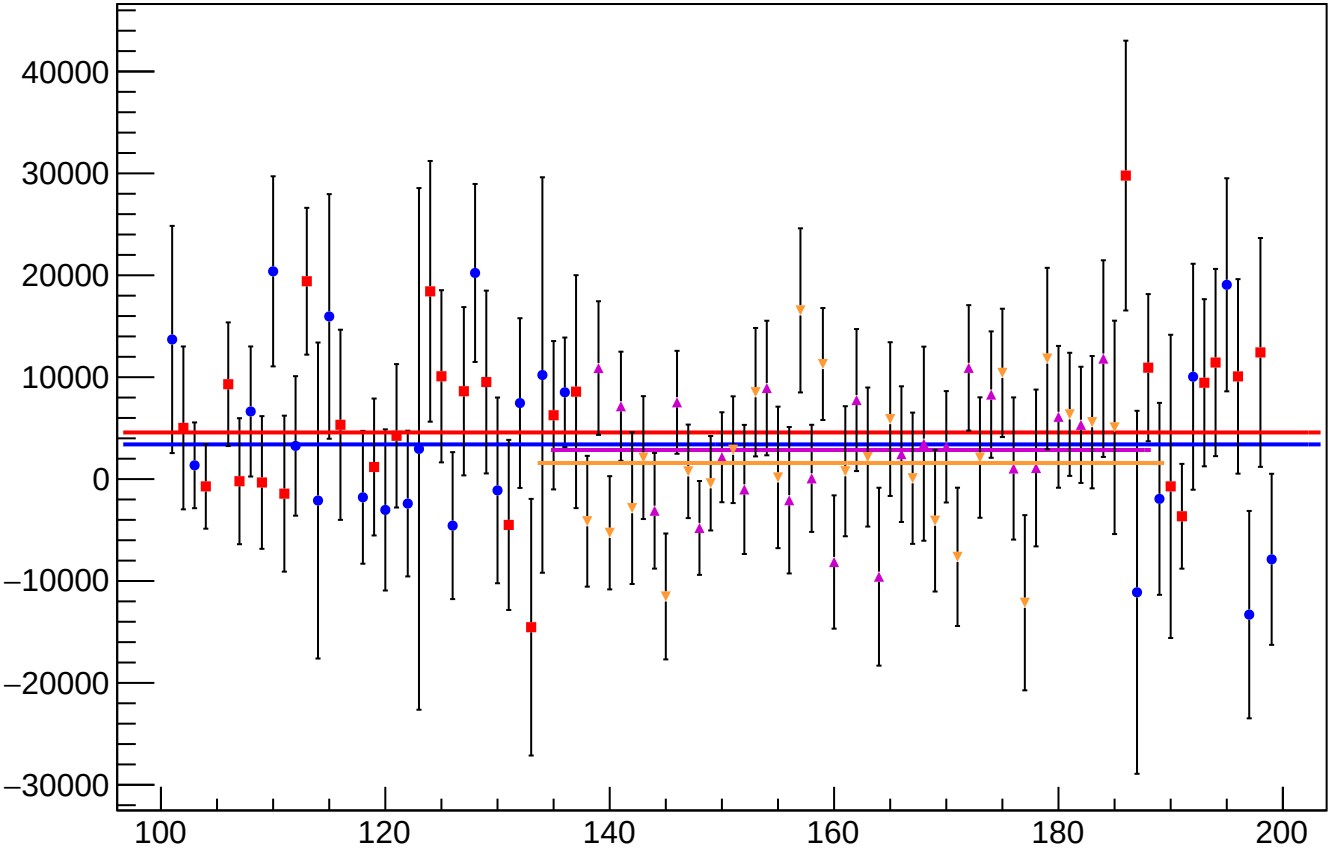
Right: 7.754+/-0.011 χ^2/NDF: 16288331.4/13

In: 5184.306+/-0.820 χ^2/NDF:2069980.7/28

Out: 8.452+/-0.011 χ^2/NDF:45430679.7/32

All: 9.334+/-0.011 χ^2/NDF: 87336555.0/61

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3404.581+/-1701.786 χ^2/NDF: 22.4/22

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

Right Out: 4576.022+/-1493.945 χ^2/NDF: 23.1/25

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

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

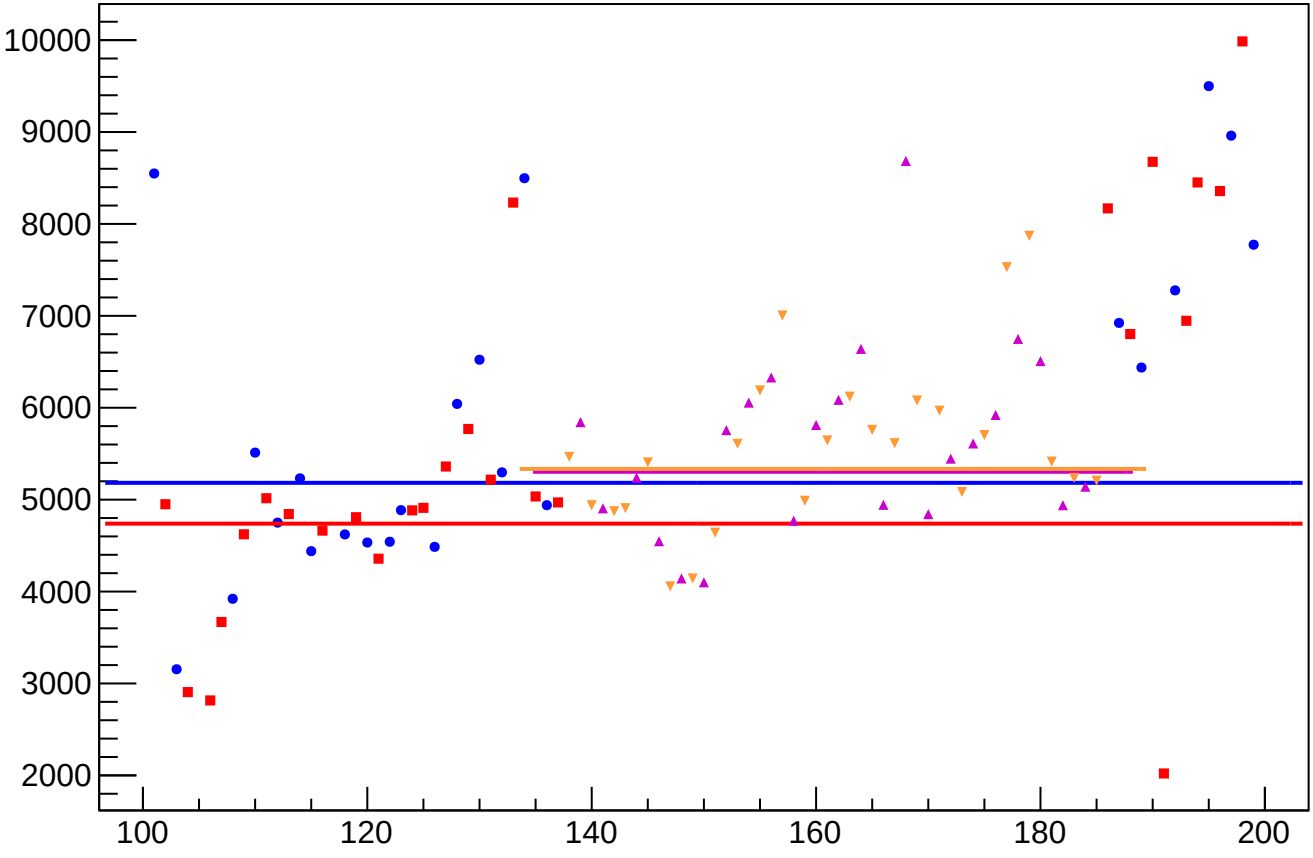
Right: 4066.167+/-1122.710 χ^2/NDF: 45.8/48

In: 3055.336+/-1025.048 χ^2/NDF:40.5/45

Out: 2832.656+/-965.887 χ^2/NDF:50.7/50

All: 2937.385+/-702.970 χ^2/NDF: 91.2/96

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 5183.123+/-1.203 χ^2/NDF: 1864888.2/22

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

Right Out: 4738.918+/-1.052 χ^2/NDF: 3086284.8/25

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

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

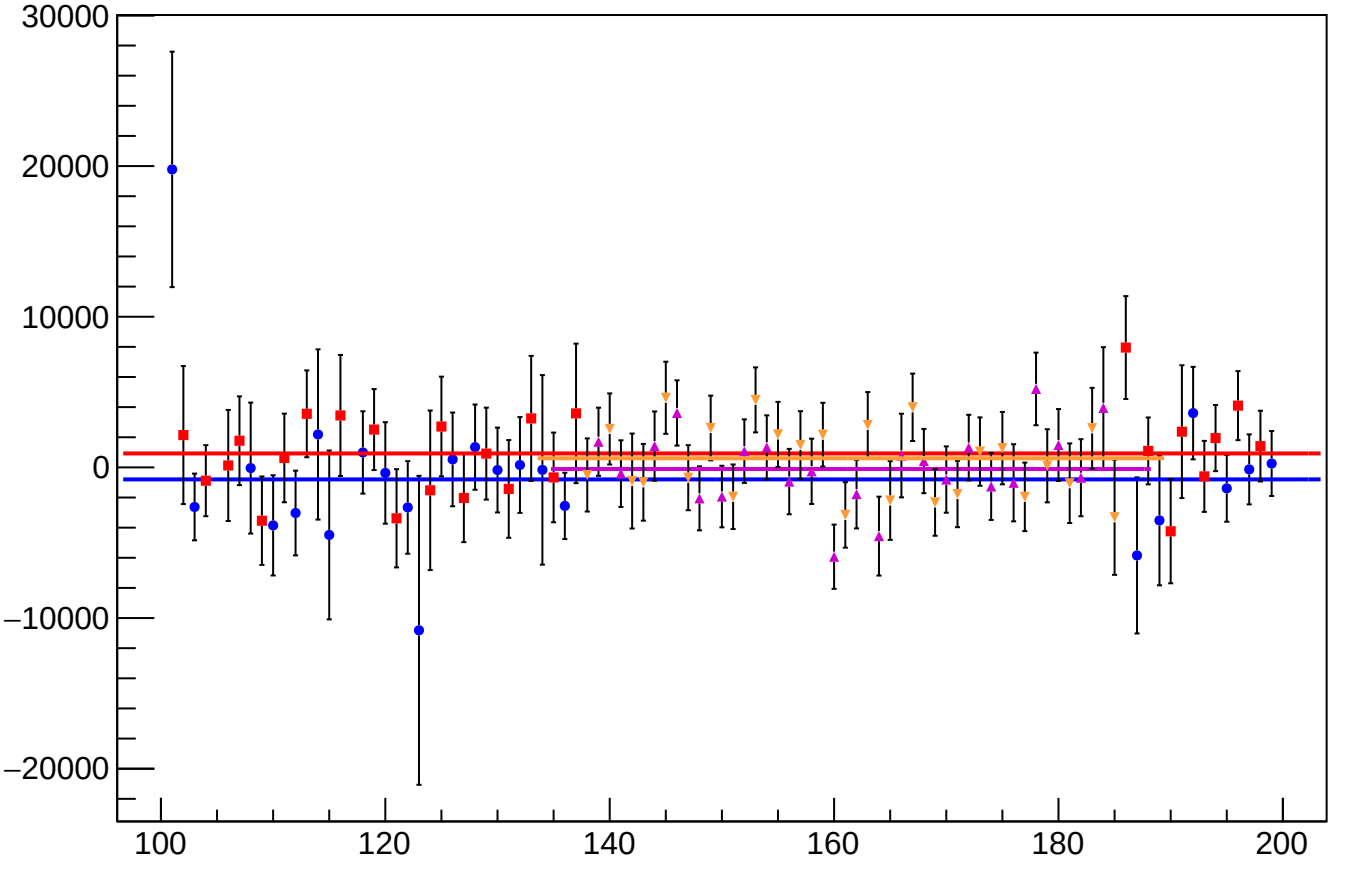
Right: 4931.303+/-0.792 χ^2/NDF: 5028422.0/48

In: 5259.712+/-0.725 χ^2/NDF:2831601.7/45

Out: 5084.120+/-0.682 χ^2/NDF:4137457.8/50

All: 5166.543+/-0.497 χ^2/NDF: 7000199.2/96

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -797.347+/-648.541 χ^2/NDF: 16.9/22

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

Right Out: 926.253+/-586.203 χ^2/NDF: 18.6/25

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

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

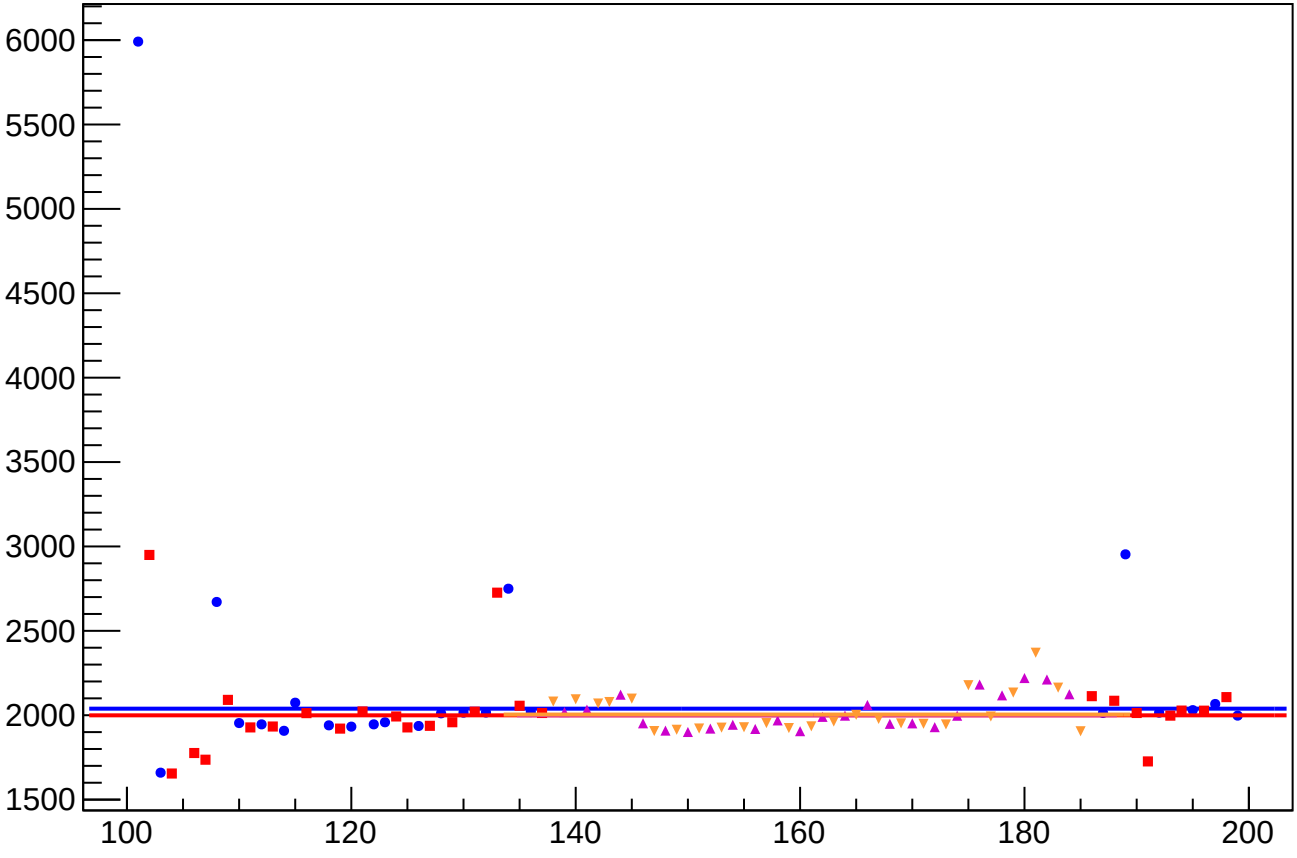
Right: 151.250+/-434.882 χ^2/NDF: 39.4/48

In: -350.825+/-384.728 χ^2/NDF:42.6/45

Out: 730.994+/-366.405 χ^2/NDF:44.0/50

All: 216.458+/-265.329 χ^2/NDF: 90.8/96

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2038.859+/-0.459 χ^2/NDF: 743420.9/22

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

Right Out: 1999.345+/-0.414 χ^2/NDF: 240729.8/25

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

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

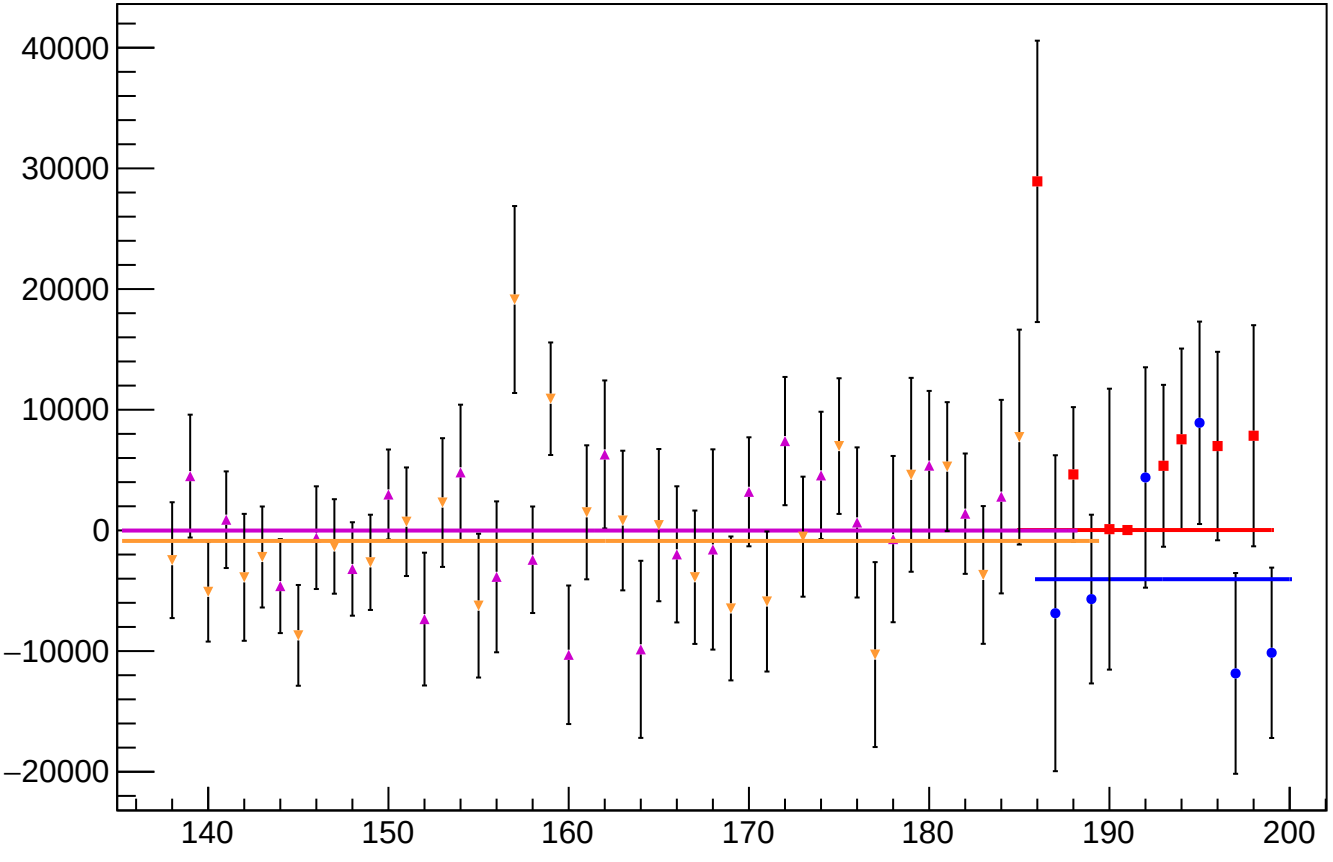
Right: 2017.100+/-0.307 χ^2/NDF: 988239.0/48

In: 2013.752+/-0.272 χ^2/NDF:827734.6/45

Out: 2002.172+/-0.259 χ^2/NDF:340788.0/50

All: 2007.678+/-0.188 χ^2/NDF: 1169472.9/96

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -4043.240+/-3389.963 χ^2/NDF: 5.0/5

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

Right Out: 31.221+/-14.261 χ^2/NDF: 10.0/7

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

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

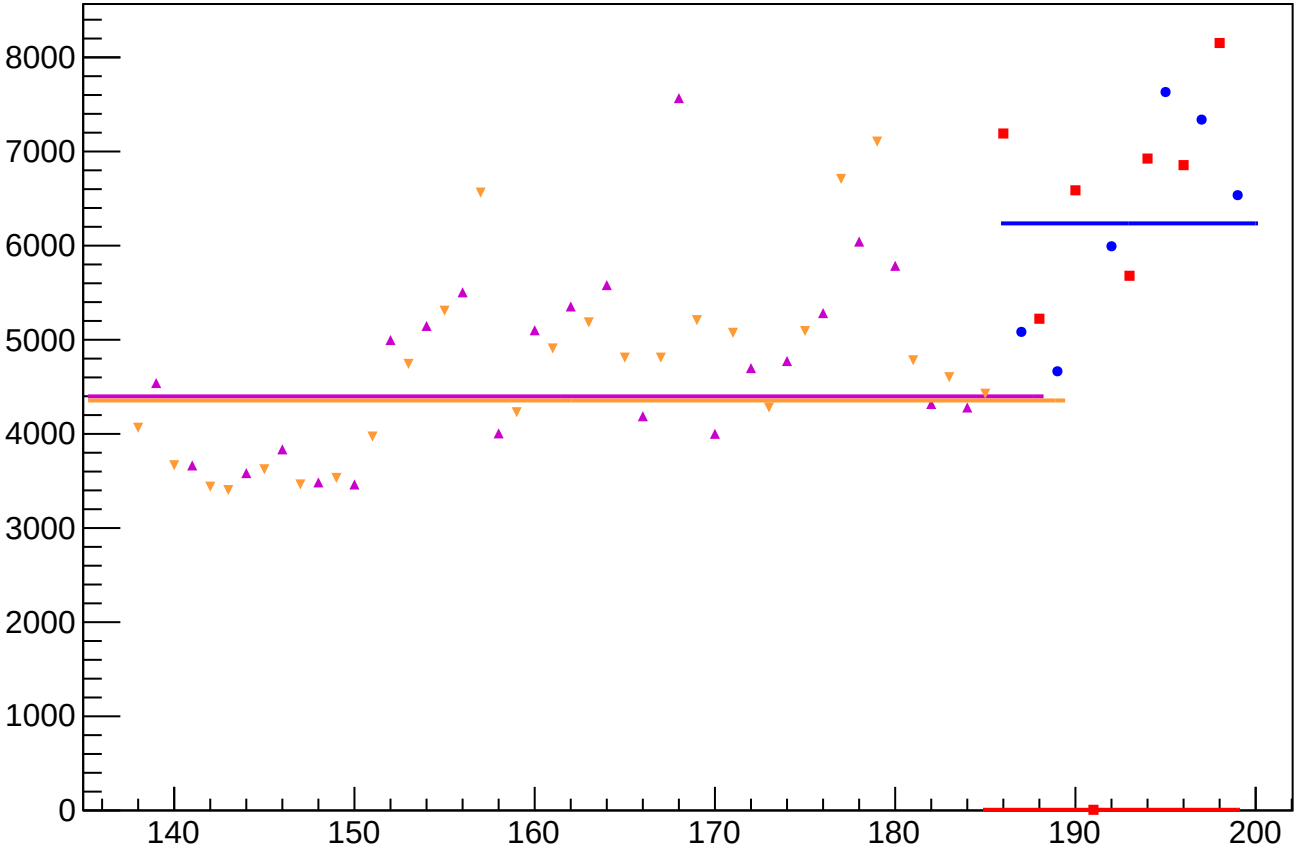
Right: 31.149+/-14.261 χ^2/NDF: 16.4/13

In: -376.435+/-1020.602 χ^2/NDF:23.4/28

Out: 31.052+/-14.259 χ^2/NDF:39.1/32

All: 30.973+/-14.258 χ^2/NDF: 62.7/61

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 6236.312+/-2.397 χ^2/NDF: 211998.1/5

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

Right Out: 7.217+/-0.010 χ^2/NDF: 9390576.4/7

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

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

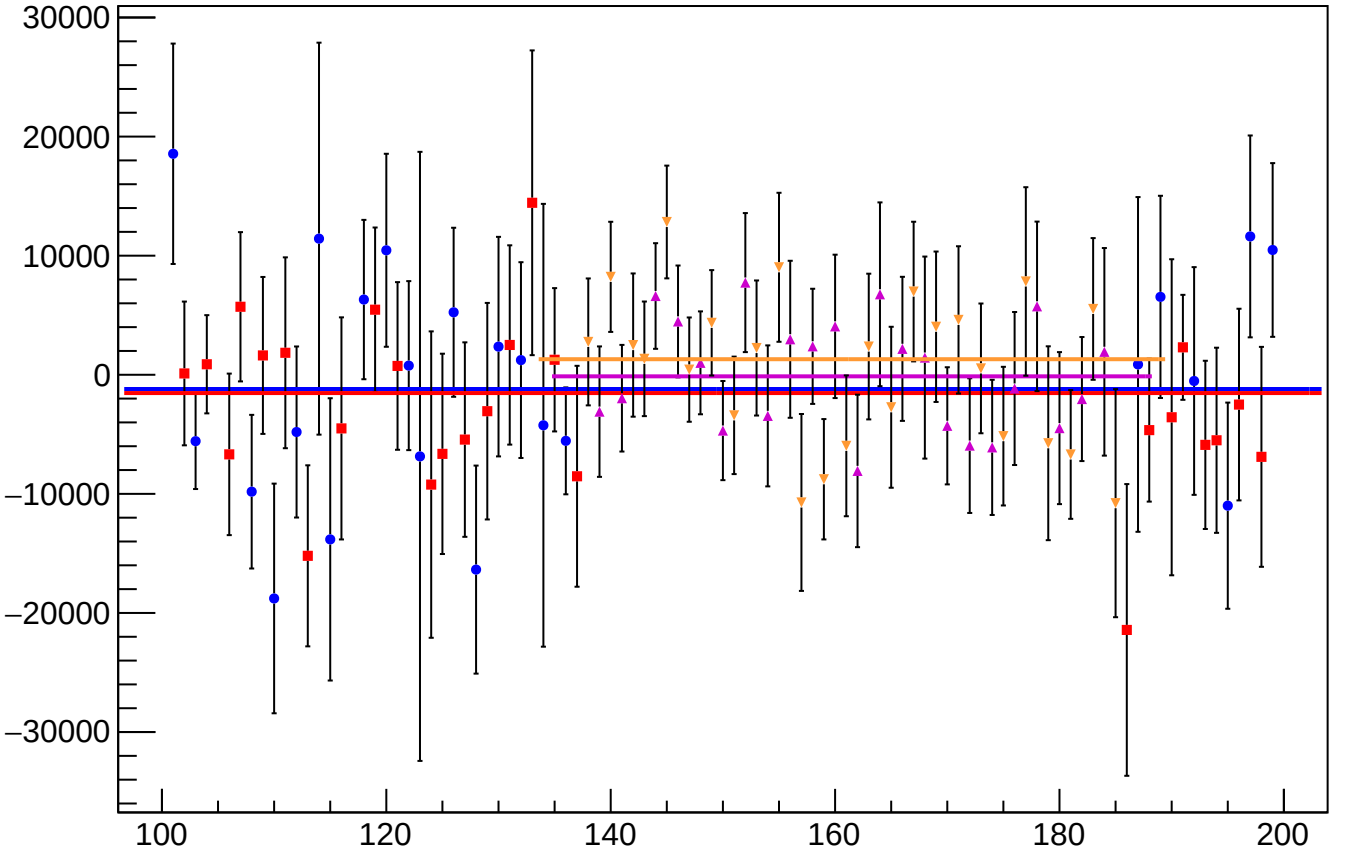
Right: 7.327+/-0.010 χ^2/NDF: 16355349.2/13

In: 4565.008+/-0.722 χ^2/NDF:2025365.3/28

Out: 8.029+/-0.010 χ^2/NDF:45465217.2/32

All: 8.918+/-0.010 χ^2/NDF: 87355111.1/61

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1195.164+/-1610.554 χ^2/NDF: 28.3/22

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

Right Out: -1535.722+/-1408.111 χ^2/NDF: 15.4/25

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

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

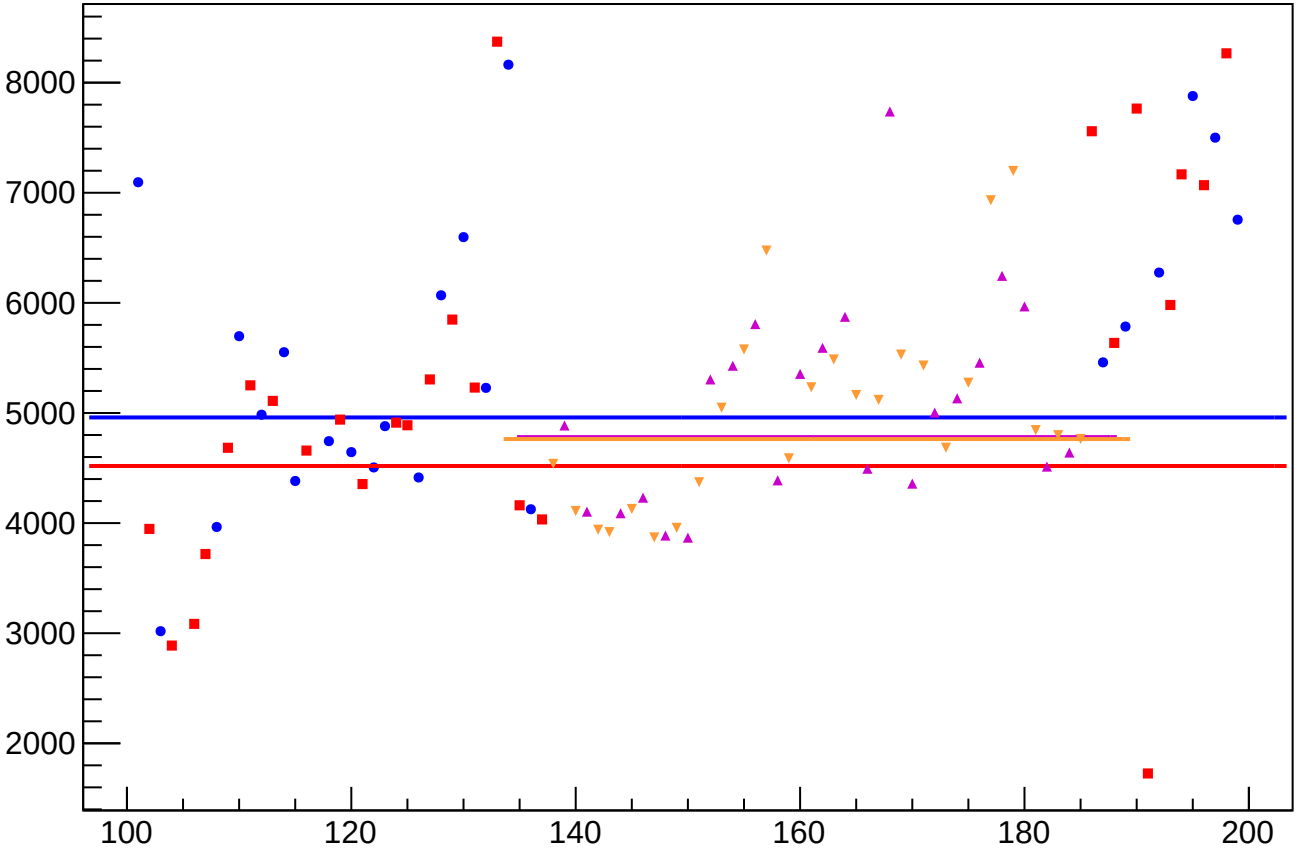
Right: -1388.180+/-1060.078 χ^2/NDF: 43.8/48

In: -493.644+/-939.815 χ^2/NDF:43.5/45

Out: 191.375+/-882.075 χ^2/NDF:46.1/50

All: -129.447+/-643.166 χ^2/NDF: 89.8/96

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4959.536+/-1.139 χ^2/NDF: 1478347.6/22

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

Right Out: 4518.584+/-0.992 χ^2/NDF: 2746836.1/25

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

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

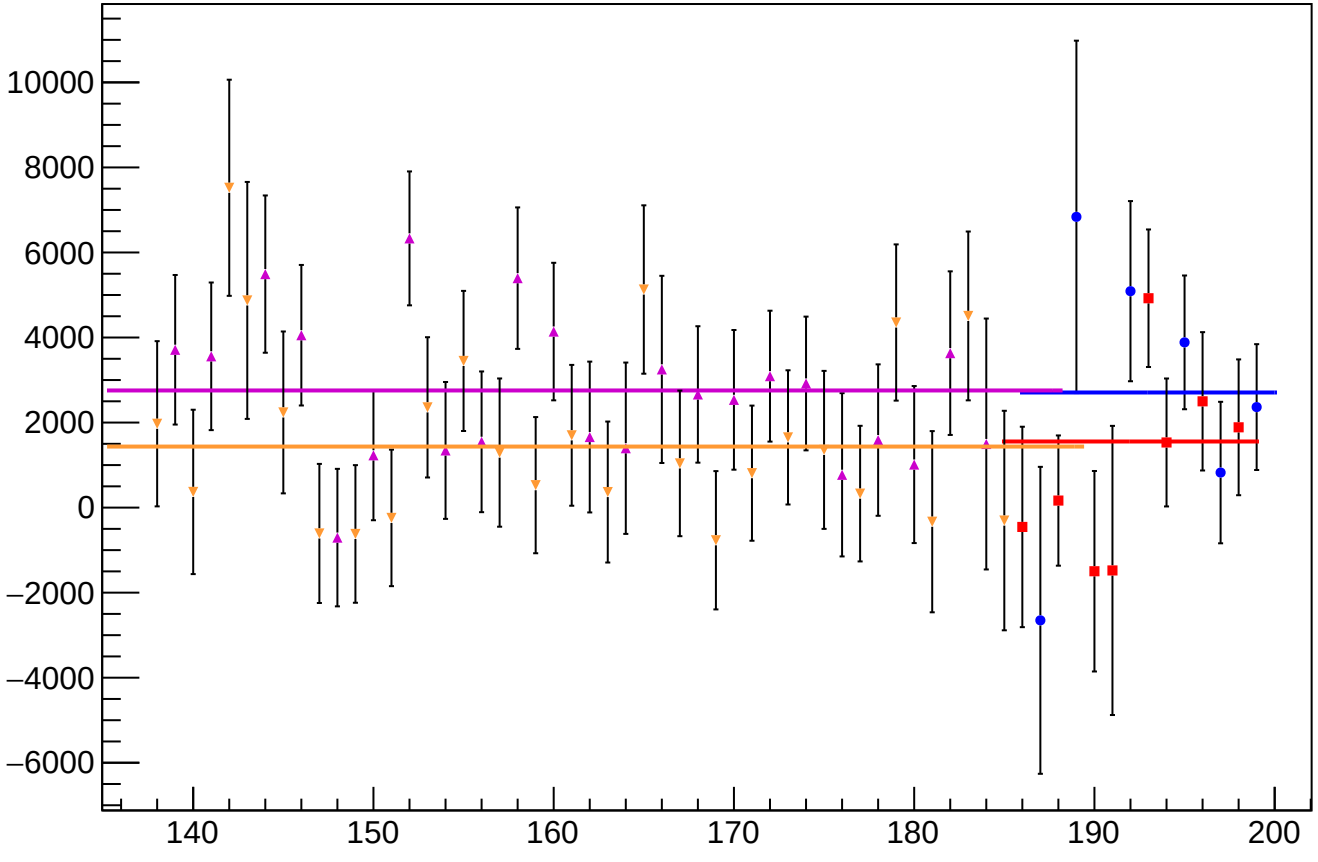
Right: 4708.784+/-0.748 χ^2/NDF: 4310437.7/48

In: 4841.907+/-0.665 χ^2/NDF:2446066.9/45

Out: 4666.753+/-0.623 χ^2/NDF:3725534.5/50

All: 4748.652+/-0.454 χ^2/NDF: 6208587.4/96

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2707.202+/-795.522 χ^2/NDF: 6.4/5

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

Right Out: 1554.793+/-636.692 χ^2/NDF: 8.7/7

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

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

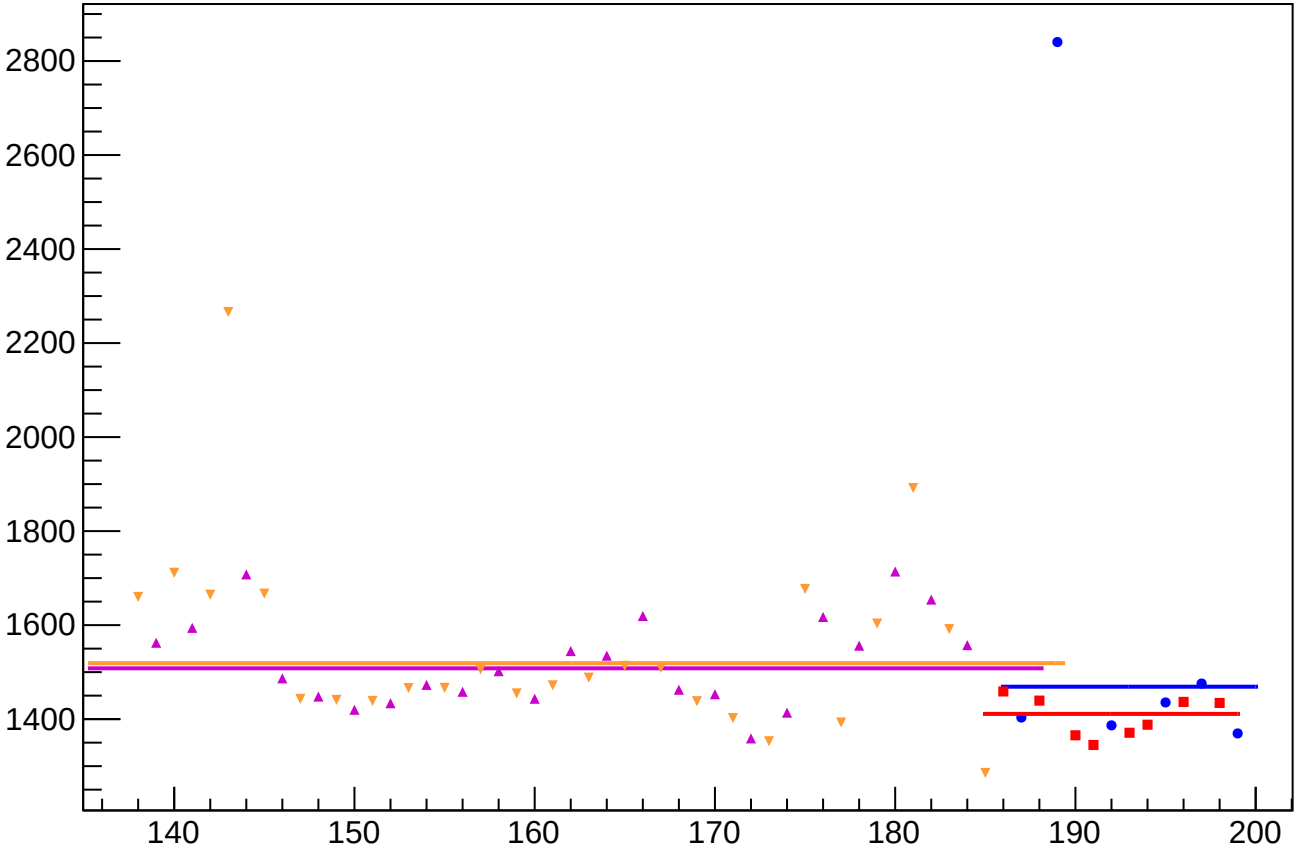
Right: 2004.750+/-497.090 χ^2/NDF: 16.4/13

In: 2746.720+/-329.243 χ^2/NDF:28.7/28

Out: 1464.180+/-312.171 χ^2/NDF:35.5/32

All: 2071.339+/-226.533 χ^2/NDF: 72.2/61

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1469.012+/-0.563 χ^2/NDF: 232732.8/5

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

Right Out: 1411.154+/-0.450 χ^2/NDF: 5619.4/7

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

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

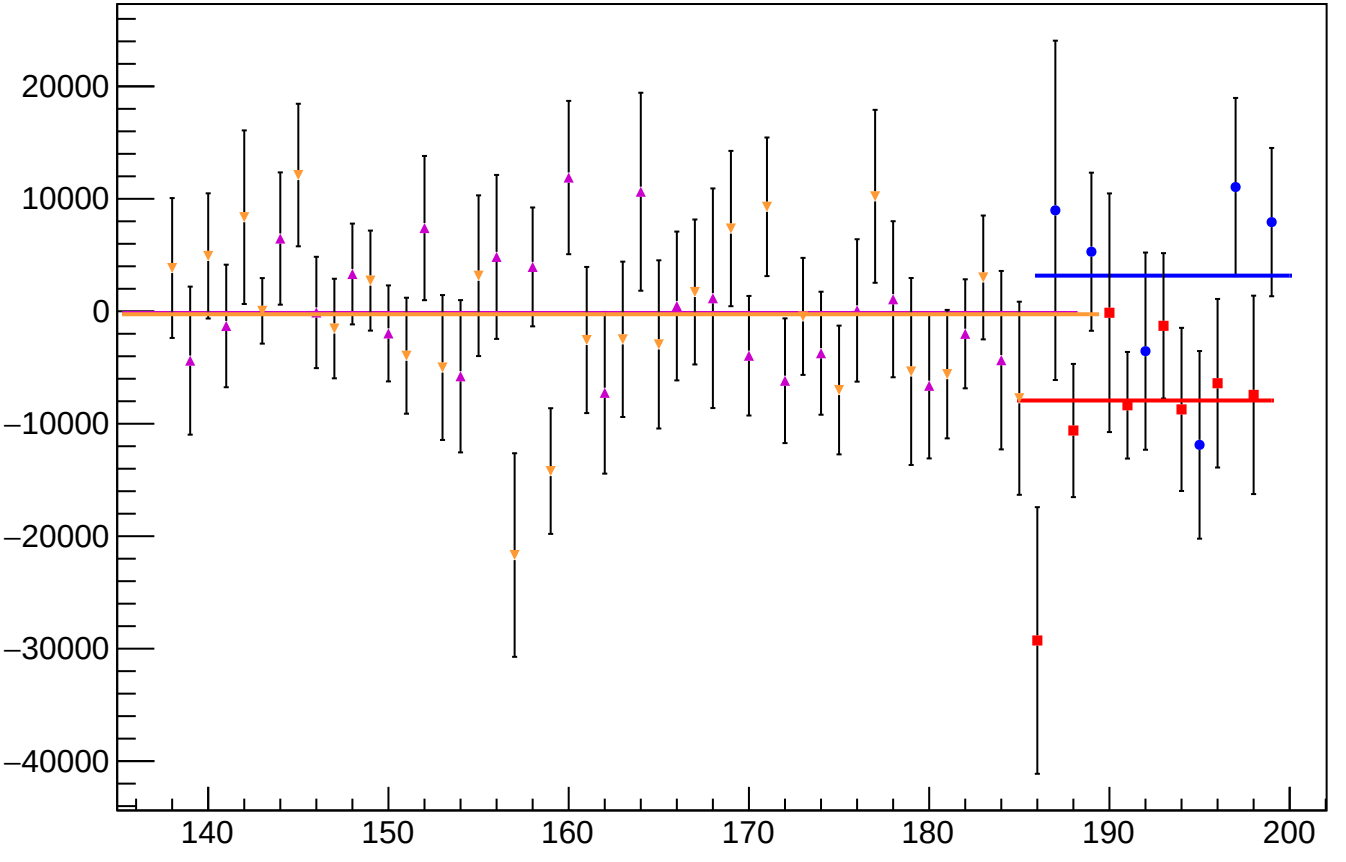
Right: 1433.745+/-0.351 χ^2/NDF: 244800.6/13

In: 1501.414+/-0.233 χ^2/NDF:368225.3/28

Out: 1493.144+/-0.221 χ^2/NDF:415121.0/32

All: 1497.059+/-0.160 χ^2/NDF: 784010.7/61

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 3169.054+/-3315.939 χ^2/NDF: 5.6/5

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

Right Out: -7932.297+/-2479.871 χ^2/NDF: 5.1/7

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

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

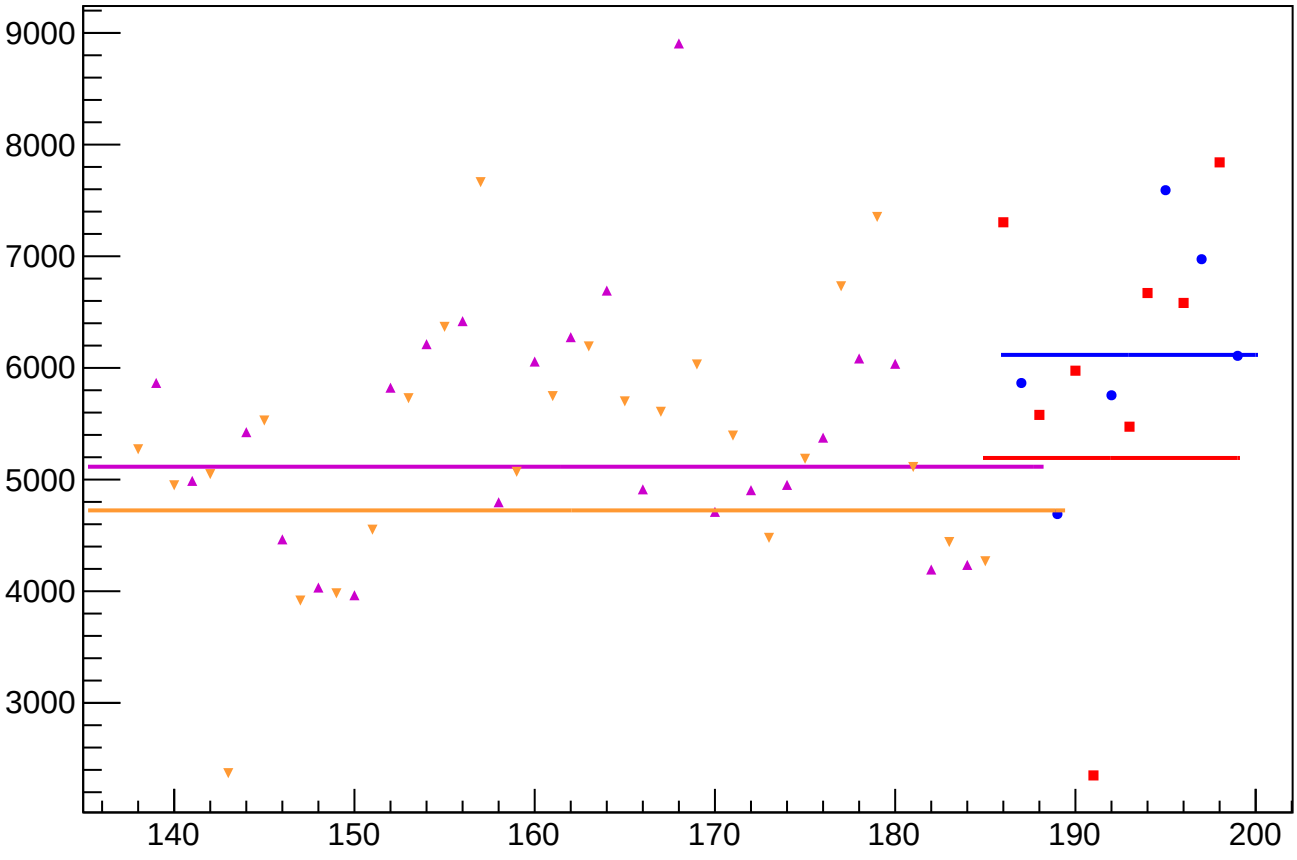
Right: -3950.388+/-1985.931 χ^2/NDF: 17.9/13

In: 257.144+/-1162.927 χ^2/NDF:21.3/28

Out: -1623.636+/-1044.115 χ^2/NDF:42.7/32

All: -784.201+/-776.921 χ^2/NDF: 65.4/61

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 6116.708+/-2.345 χ^2/NDF: 172164.9/5

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

Right Out: 5193.530+/-1.754 χ^2/NDF: 1137515.1/7

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

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

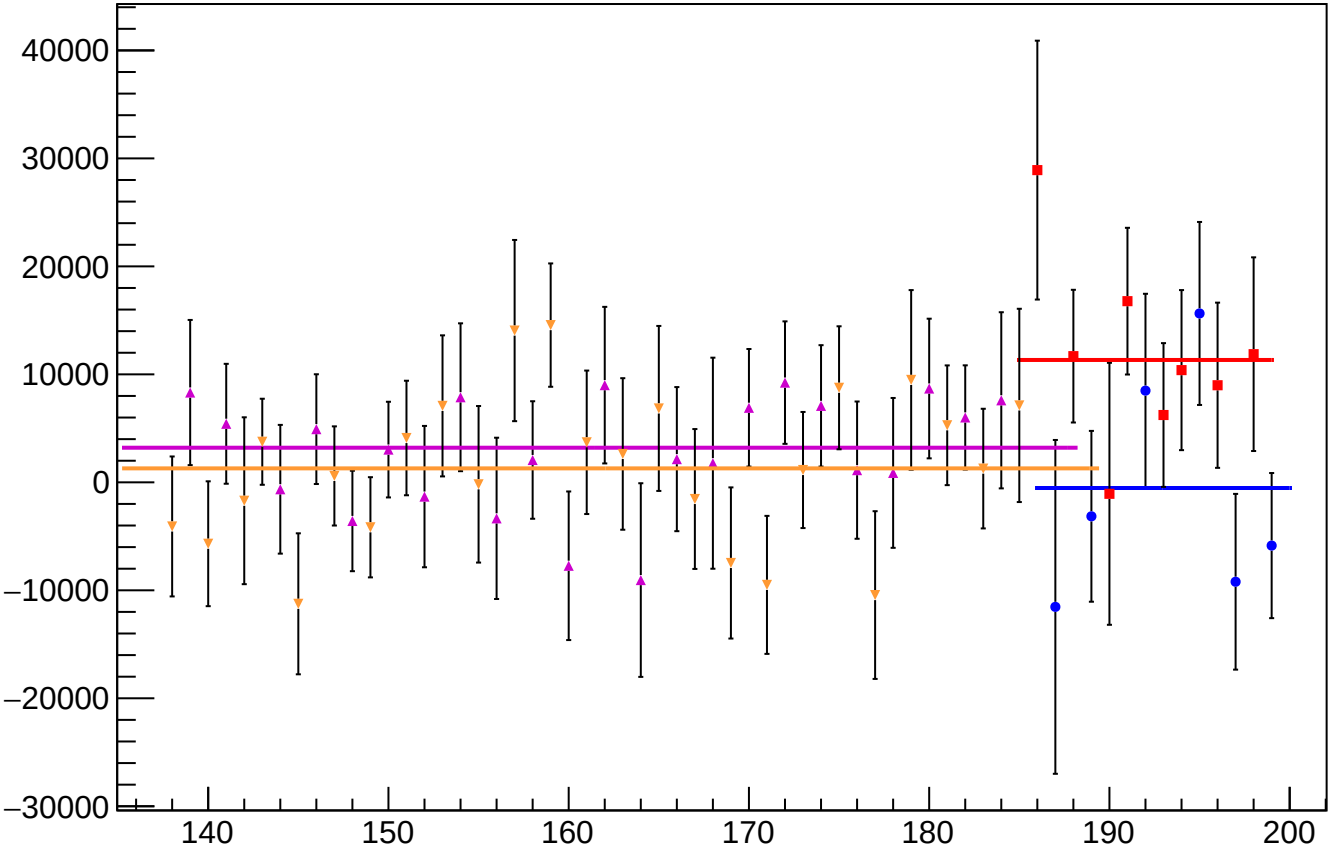
Right: 5524.662+/-1.404 χ^2/NDF: 1409096.6/13

In: 5238.328+/-0.822 χ^2/NDF:1463534.3/28

Out: 4807.256+/-0.738 χ^2/NDF:3734027.2/32

All: 4999.654+/-0.549 χ^2/NDF: 5349715.0/61

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: -525.651+/-3455.082 χ^2/NDF: 7.0/5

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

Right Out: 11332.023+/-2750.283 χ^2/NDF: 4.5/7

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

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

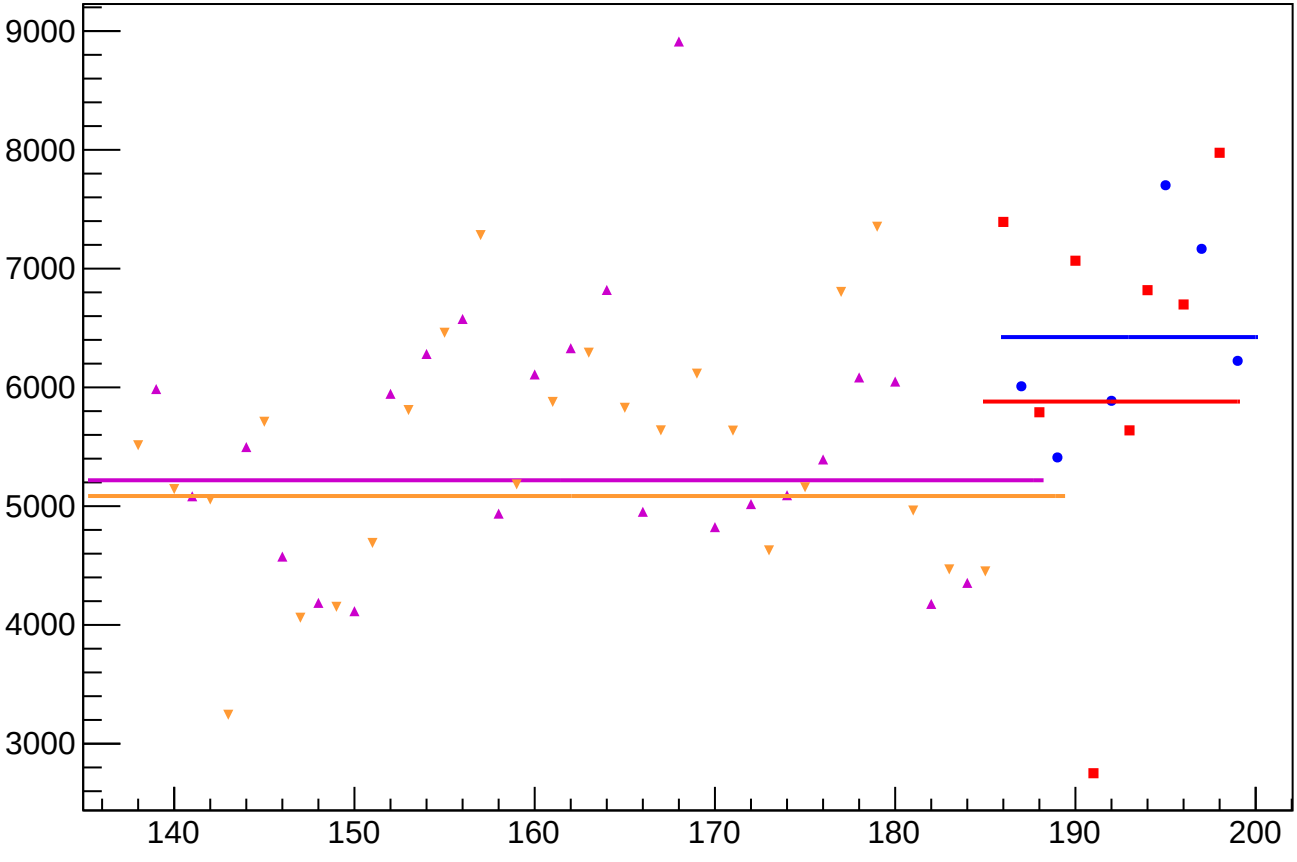
Right: 6732.817+/-2151.791 χ^2/NDF: 18.8/13

In: 2763.982+/-1188.371 χ^2/NDF:21.9/28

Out: 2933.402+/-1111.963 χ^2/NDF:43.5/32

All: 2854.313+/-811.946 χ^2/NDF: 65.4/61

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 6423.546+/-2.443 χ^2/NDF: 105390.7/5

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

Right Out: 5880.655+/-1.945 χ^2/NDF: 642411.6/7

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

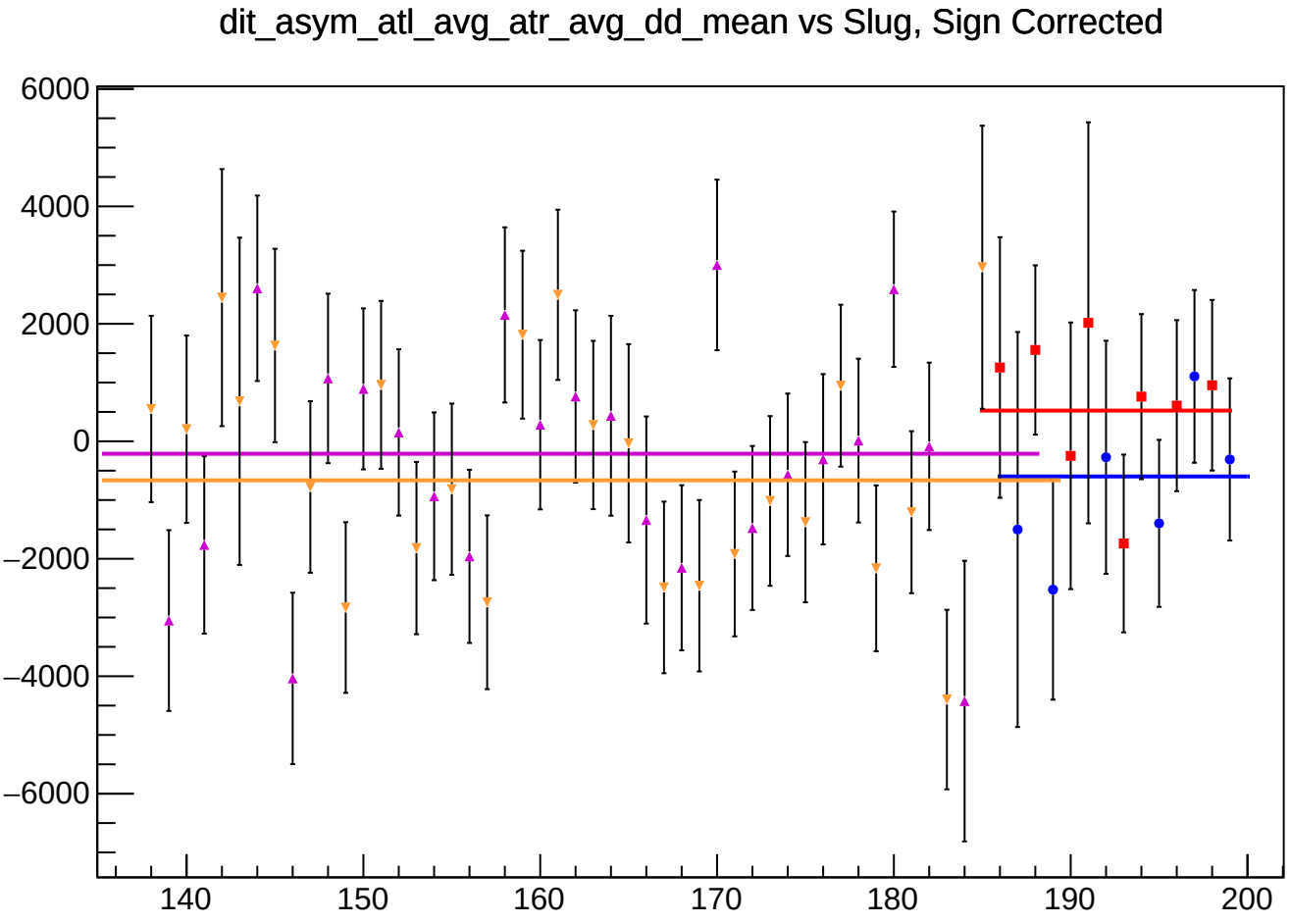
Left: 5148.976+/-0.620 χ^2/NDF: 2427123.8/47

Right: 6091.224+/-1.522 χ^2/NDF: 778028.4/13

In: 5360.592+/-0.840 χ^2/NDF:1379081.8/28

Out: 5215.319+/-0.786 χ^2/NDF:2139028.6/32

All: 5283.135+/-0.574 χ^2/NDF: 3534045.9/61



Right In: -599.026+/-688.474 χ^2/NDF: 2.9/5

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

Right Out: 522.828+/-592.020 χ^2/NDF: 3.3/7

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

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

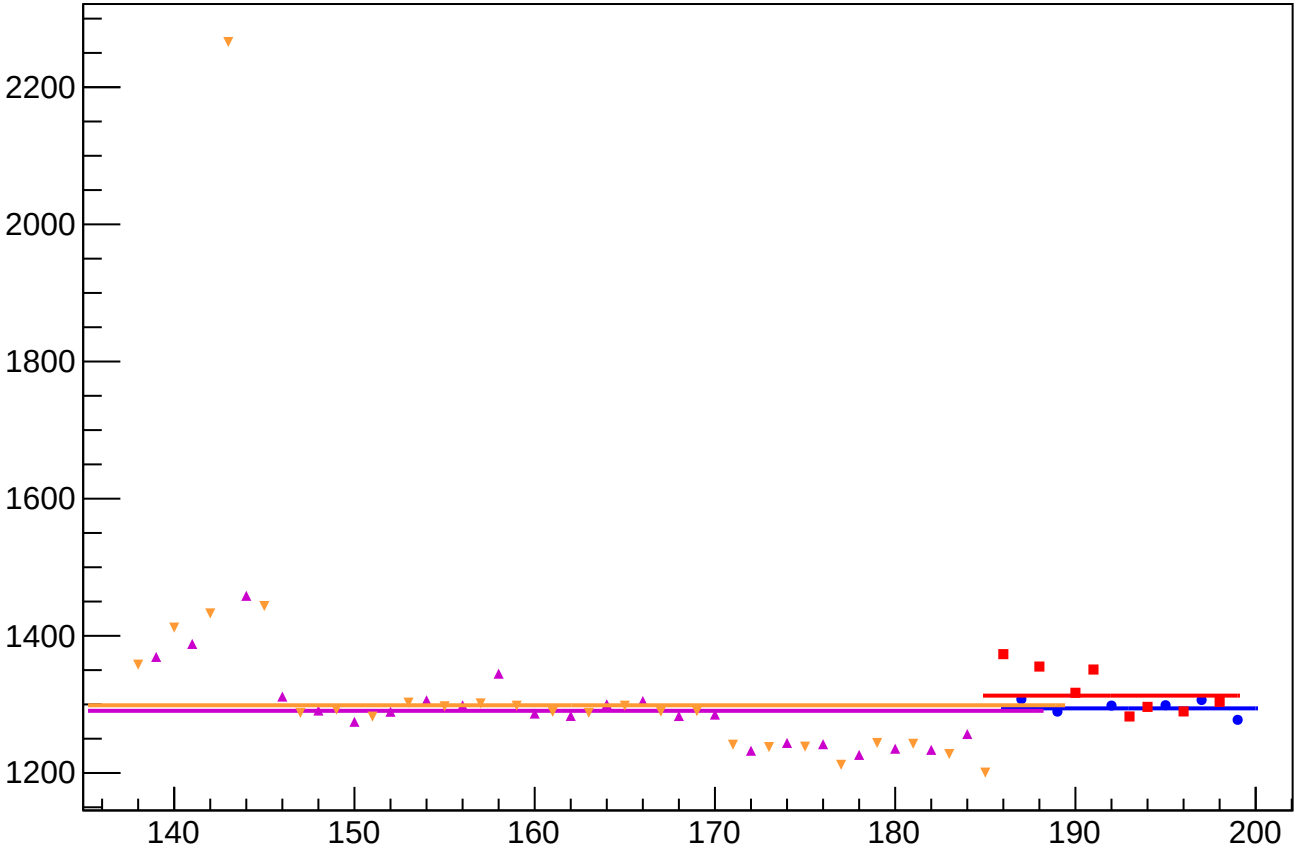
Right: 45.929+/-448.883 χ^2/NDF: 7.7/13

In: -276.809+/-281.602 χ^2/NDF:39.8/28

Out: -415.200+/-271.217 χ^2/NDF:41.1/32

All: -348.603+/-195.348 χ^2/NDF: 81.0/61

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1294.235+/-0.487 χ^2/NDF: 503.8/5

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

Right Out: 1312.812+/-0.419 χ^2/NDF: 5128.4/7

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

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

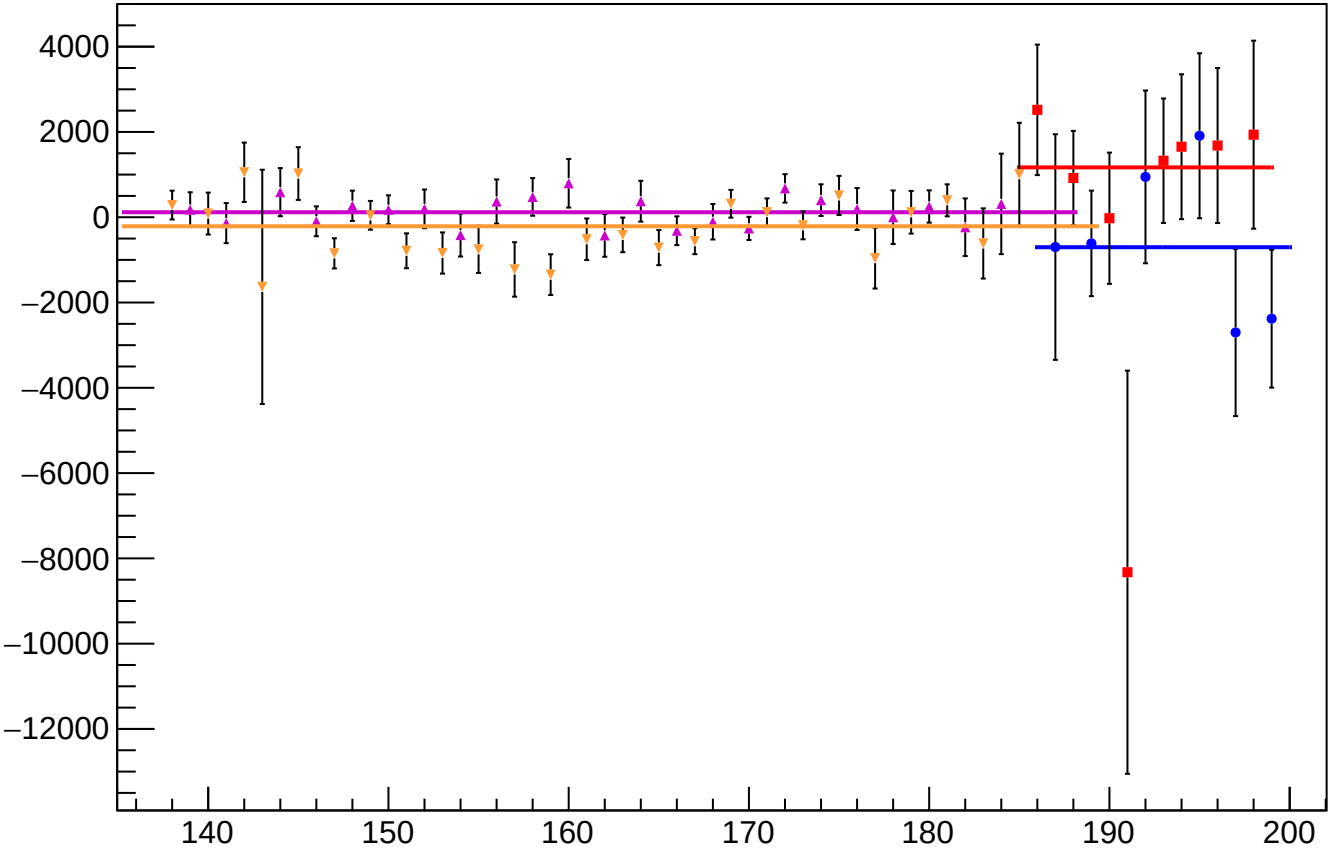
Right: 1304.915+/-0.317 χ^2/NDF: 6469.4/13

In: 1291.245+/-0.199 χ^2/NDF:59976.9/28

Out: 1301.696+/-0.192 χ^2/NDF:316365.6/32

All: 1296.667+/-0.138 χ^2/NDF: 377771.5/61

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -703.247+/-716.188 χ^2/NDF: 4.6/5

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

Right Out: 1168.660+/-573.755 χ^2/NDF: 5.8/7

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

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

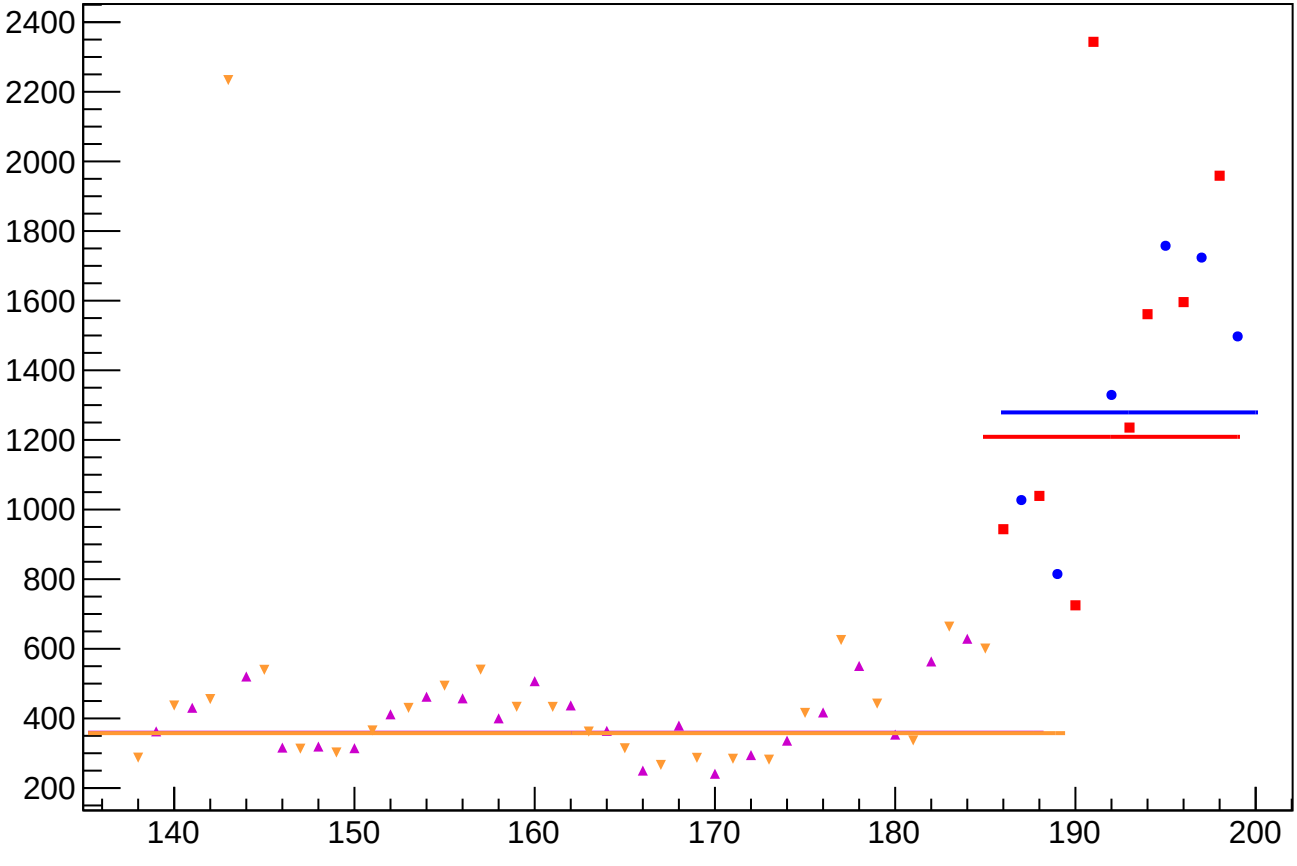
Right: 436.909+/-447.782 χ^2/NDF: 14.5/13

In: 104.853+/-87.552 χ^2/NDF:20.2/28

Out: -180.154+/-86.664 χ^2/NDF:53.1/32

All: -39.104+/-61.592 χ^2/NDF: 78.6/61

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1279.027+/-0.506 χ^2/NDF: 562689.7/5

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

Right Out: 1208.916+/-0.406 χ^2/NDF: 829104.7/7

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

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

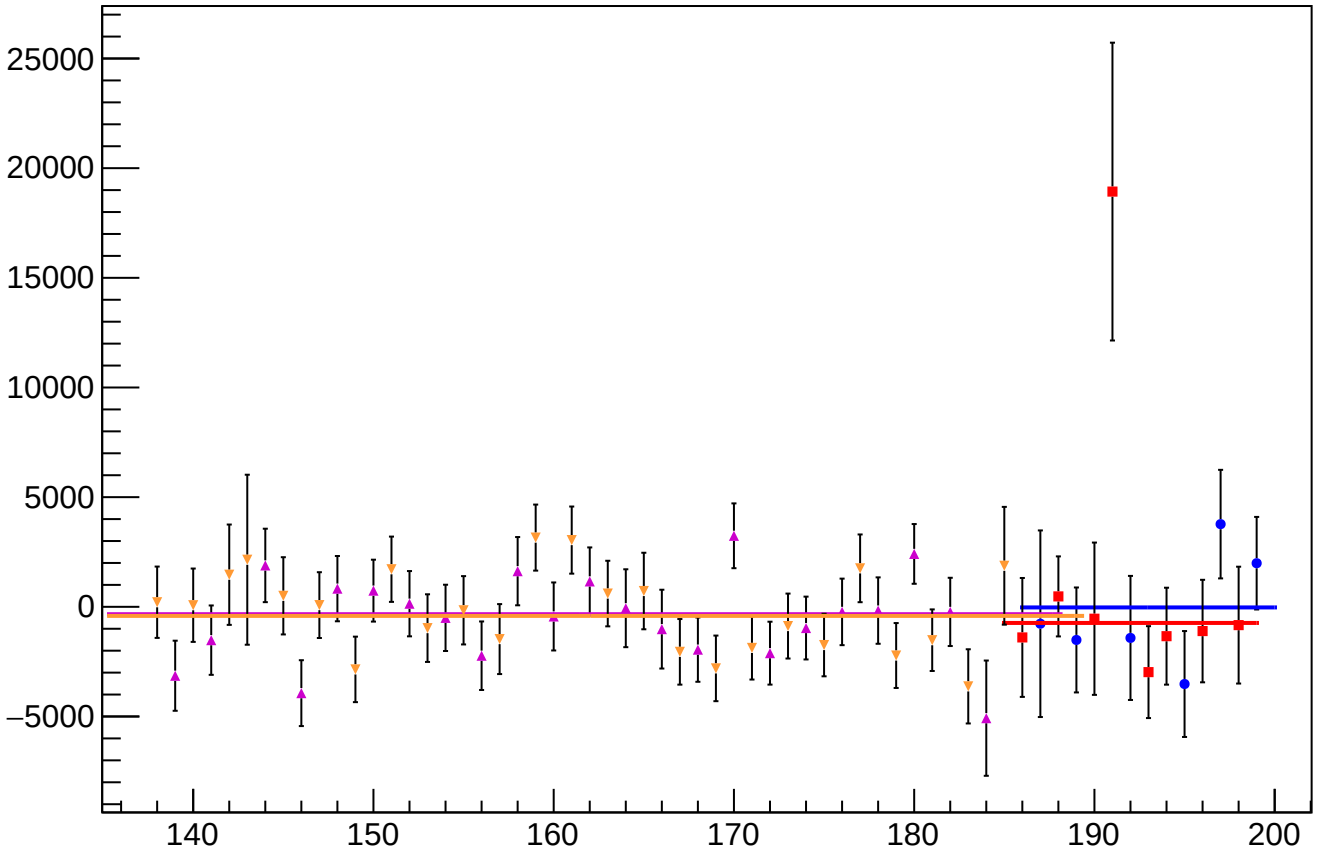
Right: 1236.323+/-0.317 χ^2/NDF: 1403468.5/13

In: 372.750+/-0.062 χ^2/NDF:5672690.1/28

Out: 377.169+/-0.061 χ^2/NDF:8172292.8/32

All: 374.982+/-0.044 χ^2/NDF: 13847556.5/61

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -27.752+/-1045.794 χ^2/NDF: 6.0/5

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

Right Out: -735.159+/-877.782 χ^2/NDF: 10.1/7

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

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

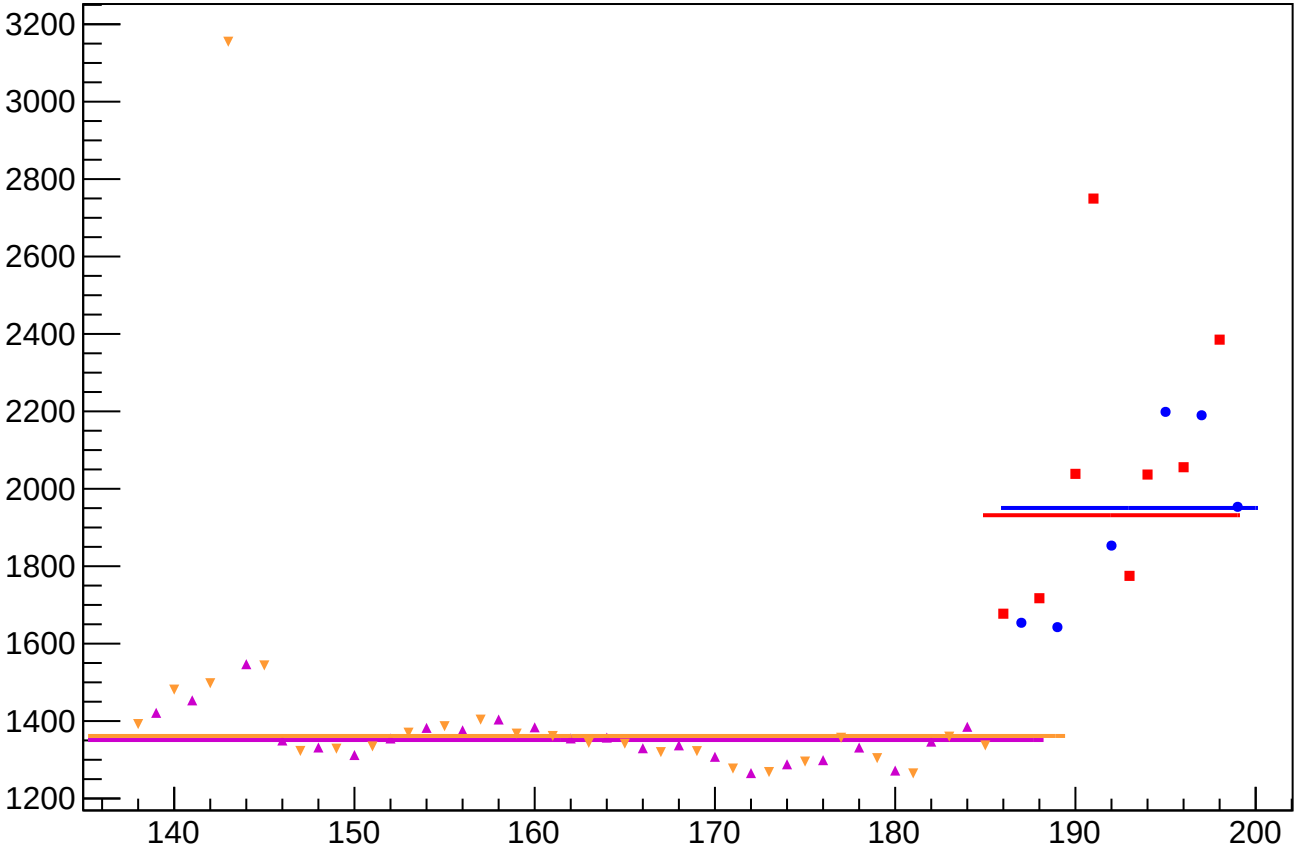
Right: -442.775+/-672.339 χ^2/NDF: 16.4/13

In: -310.242+/-308.636 χ^2/NDF:38.9/28

Out: -451.293+/-301.206 χ^2/NDF:43.1/32

All: -382.485+/-215.564 χ^2/NDF: 82.0/61

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1950.481+/-0.739 χ^2/NDF: 85066.3/5

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

Right Out: 1931.732+/-0.621 χ^2/NDF: 155474.4/7

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

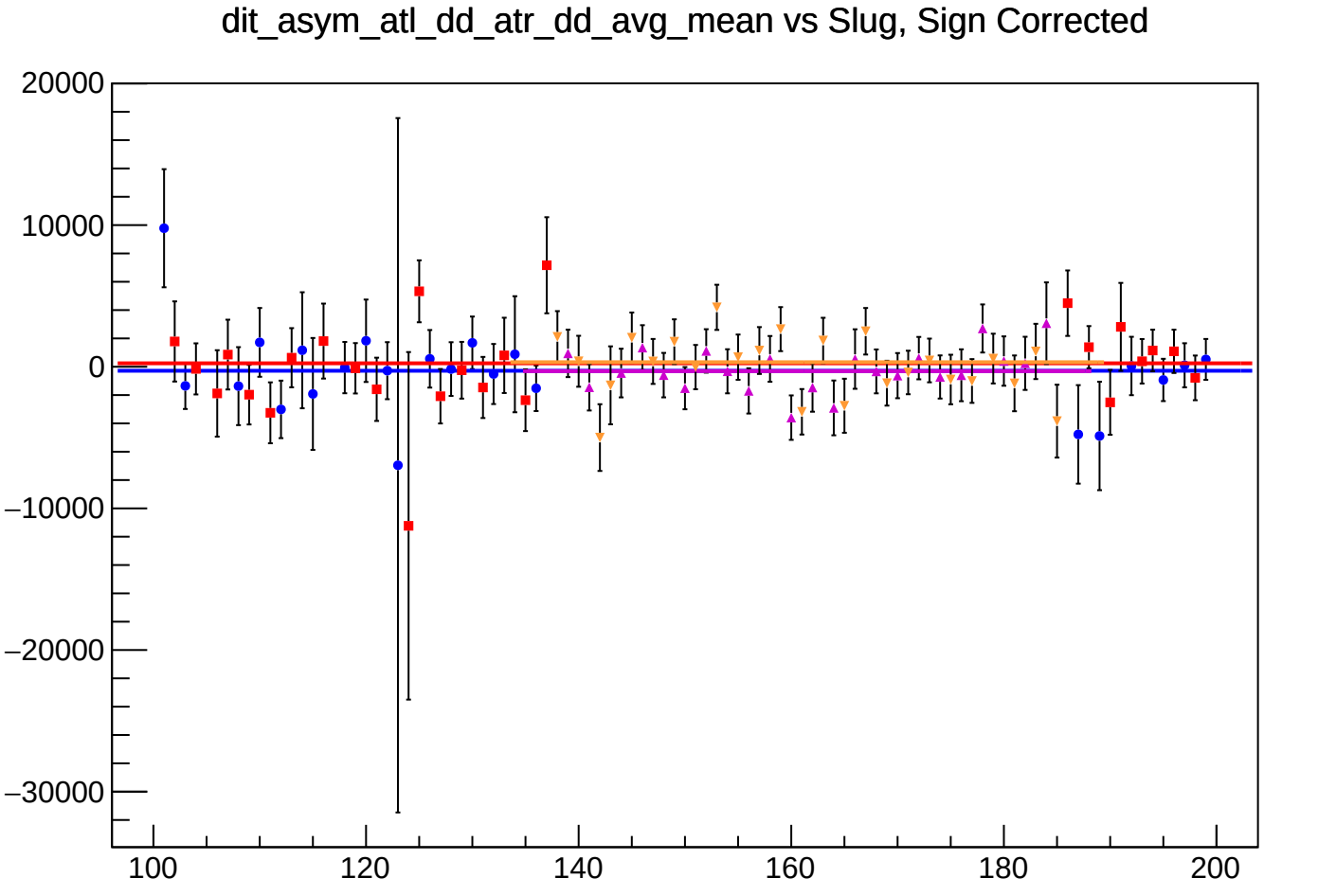
Left: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

Right: 1939.481+/-0.475 χ^2/NDF: 240917.8/13

In: 1403.224+/-0.218 χ^2/NDF:753966.3/28

Out: 1428.653+/-0.213 χ^2/NDF:1407966.7/32

All: 1416.248+/-0.152 χ^2/NDF: 2168886.8/61



Right In: -283.438+/-448.175 χ^2/NDF: 15.5/22

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

Right Out: 242.575+/-406.395 χ^2/NDF: 27.0/25

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

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

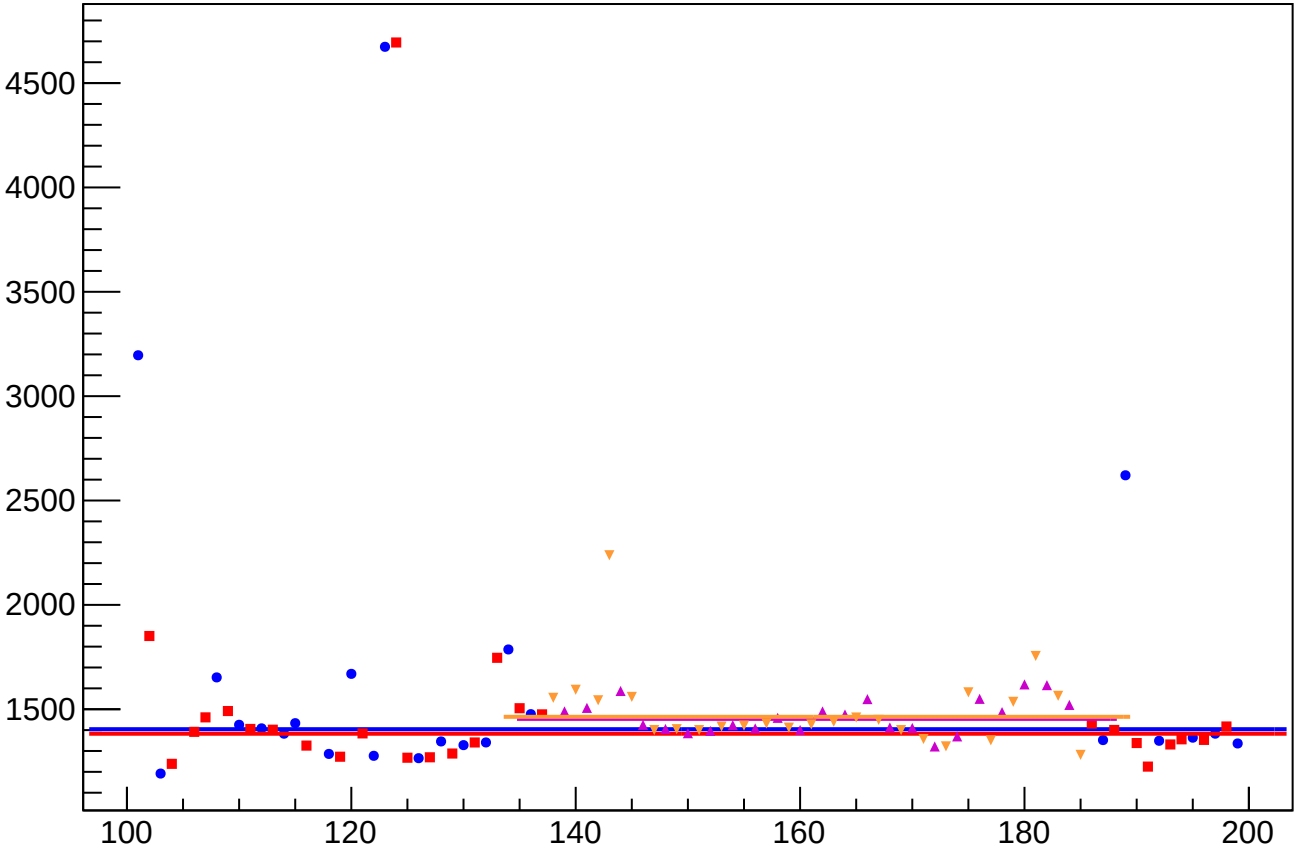
Right: 5.223+/-301.055 χ^2/NDF: 43.3/48

In: -300.518+/-275.011 χ^2/NDF:32.3/45

Out: 287.644+/-262.849 χ^2/NDF:59.5/50

All: 6.855+/-190.017 χ^2/NDF: 94.2/96

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1404.445+/-0.317 χ^2/NDF: 736536.0/22

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

Right Out: 1382.636+/-0.287 χ^2/NDF: 304165.0/25

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

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

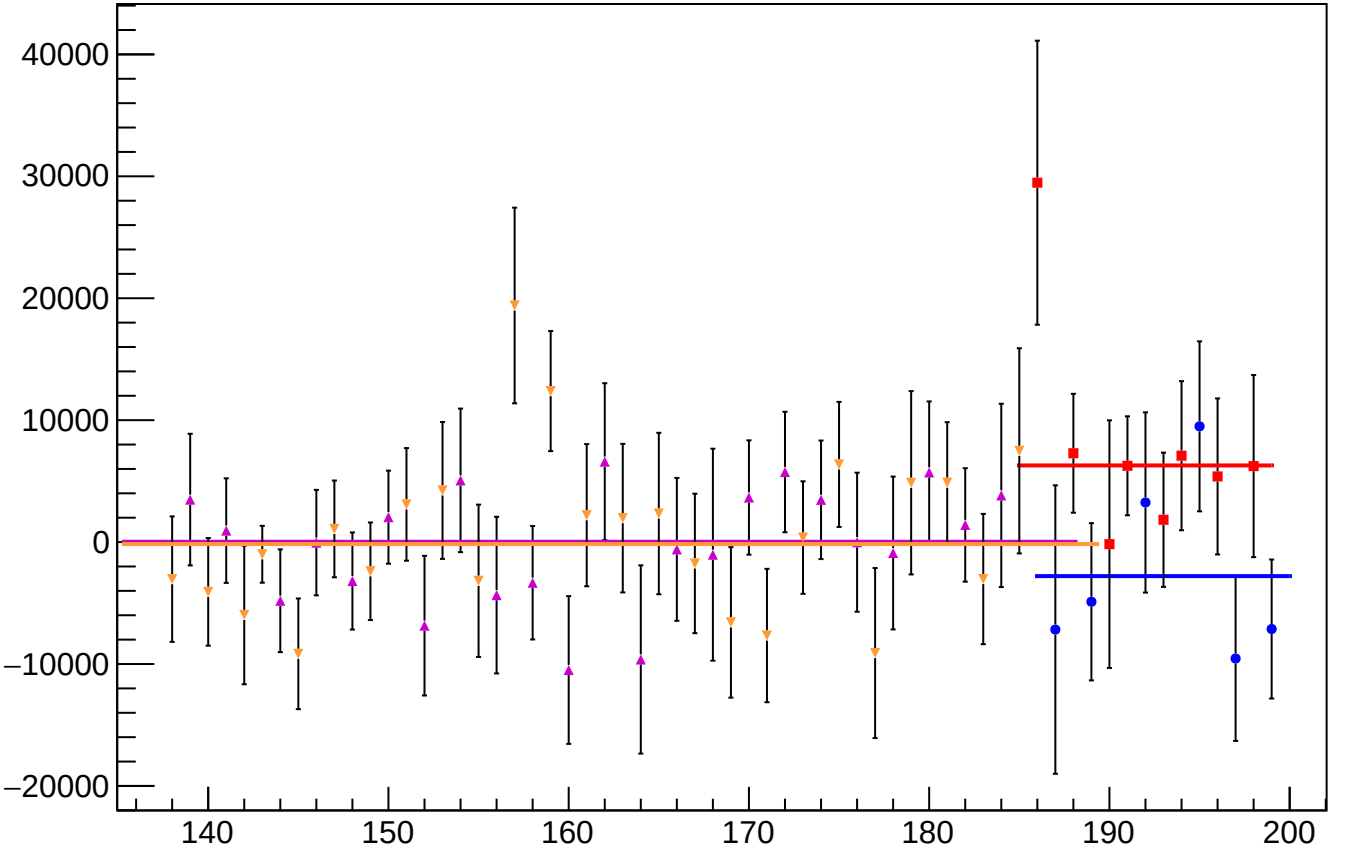
Right: 1392.473+/-0.213 χ^2/NDF: 1043300.8/48

In: 1435.193+/-0.194 χ^2/NDF:850859.3/45

Out: 1429.784+/-0.186 χ^2/NDF:660977.5/50

All: 1432.366+/-0.134 χ^2/NDF: 1512241.2/96

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: -2790.282+/-2854.295 χ^2/NDF: 5.6/5

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

Right Out: 6286.152+/-2122.561 χ^2/NDF: 5.1/7

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

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

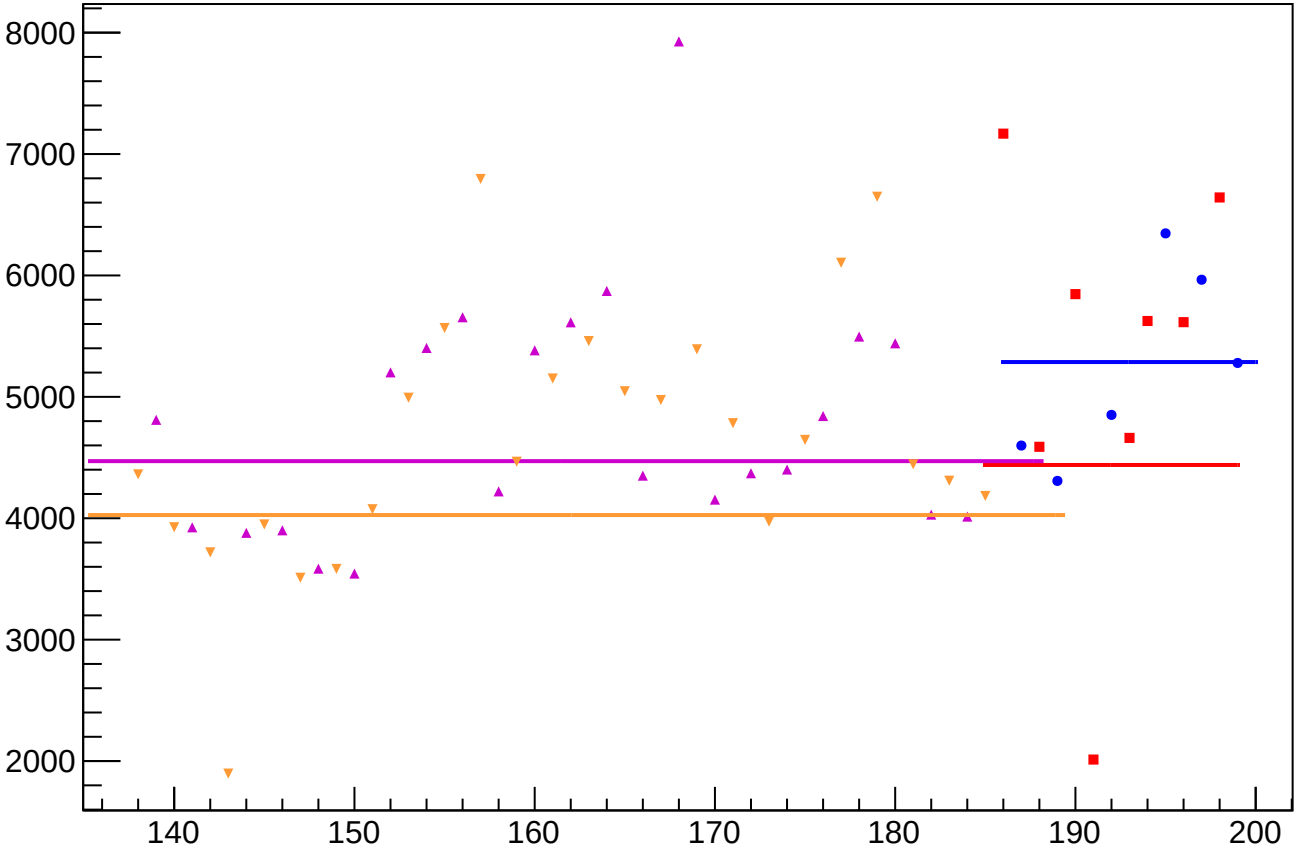
Right: 3054.183+/-1703.236 χ^2/NDF: 17.2/13

In: -328.997+/-1014.535 χ^2/NDF:21.7/28

Out: 990.425+/-896.721 χ^2/NDF:42.4/32

All: 411.739+/-671.888 χ^2/NDF: 65.1/61

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 5286.753+/-2.018 χ^2/NDF: 126146.5/5

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

Right Out: 4438.980+/-1.501 χ^2/NDF: 1185319.4/7

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

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

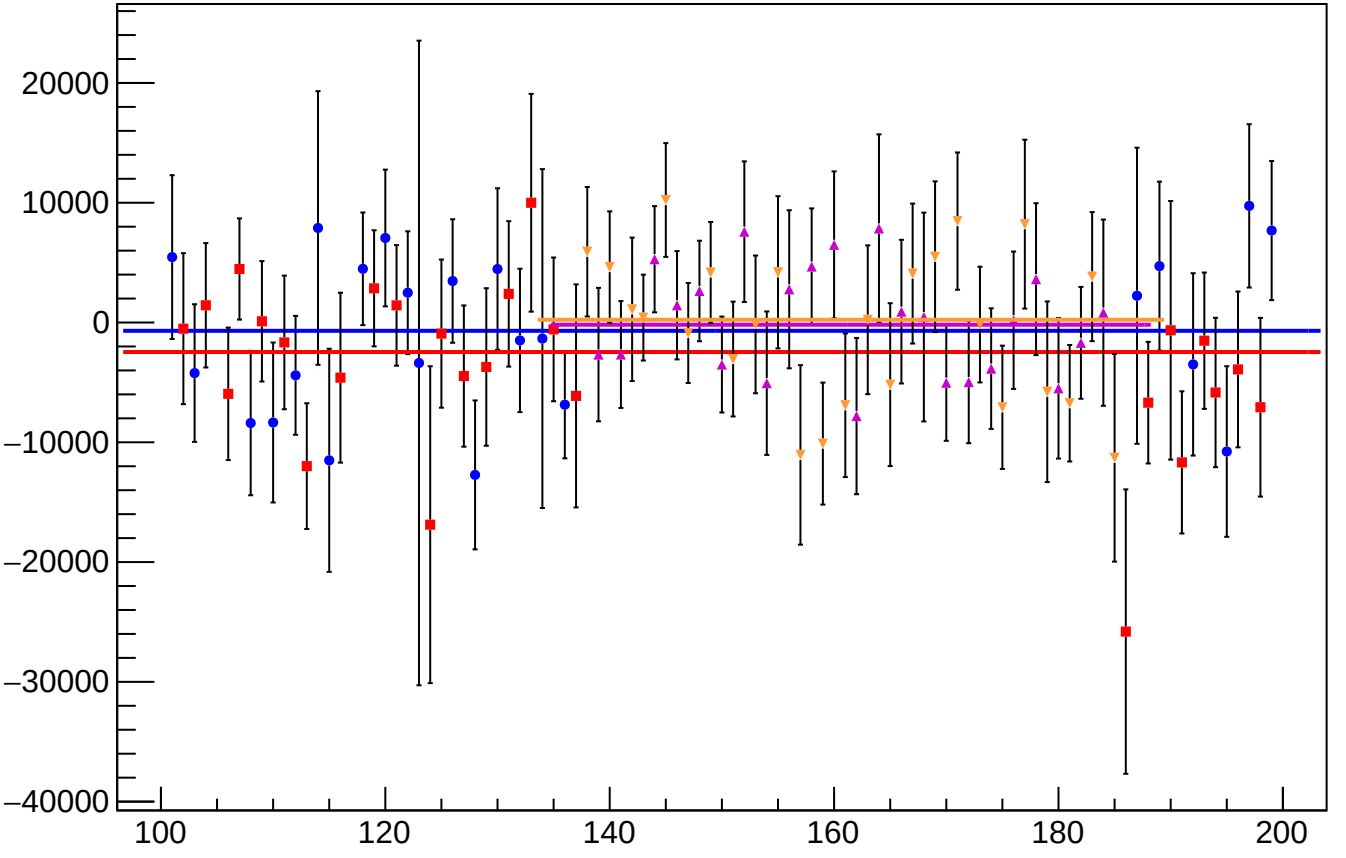
Right: 4740.858+/-1.204 χ^2/NDF: 1425077.1/13

In: 4573.616+/-0.717 χ^2/NDF:1401542.8/28

Out: 4100.077+/-0.634 χ^2/NDF:4318649.2/32

All: 4307.767+/-0.475 χ^2/NDF: 5964809.3/61

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -693.131+/-1336.616 χ^2/NDF: 24.1/22

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

Right Out: -2463.257+/-1191.599 χ^2/NDF: 21.1/25

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

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

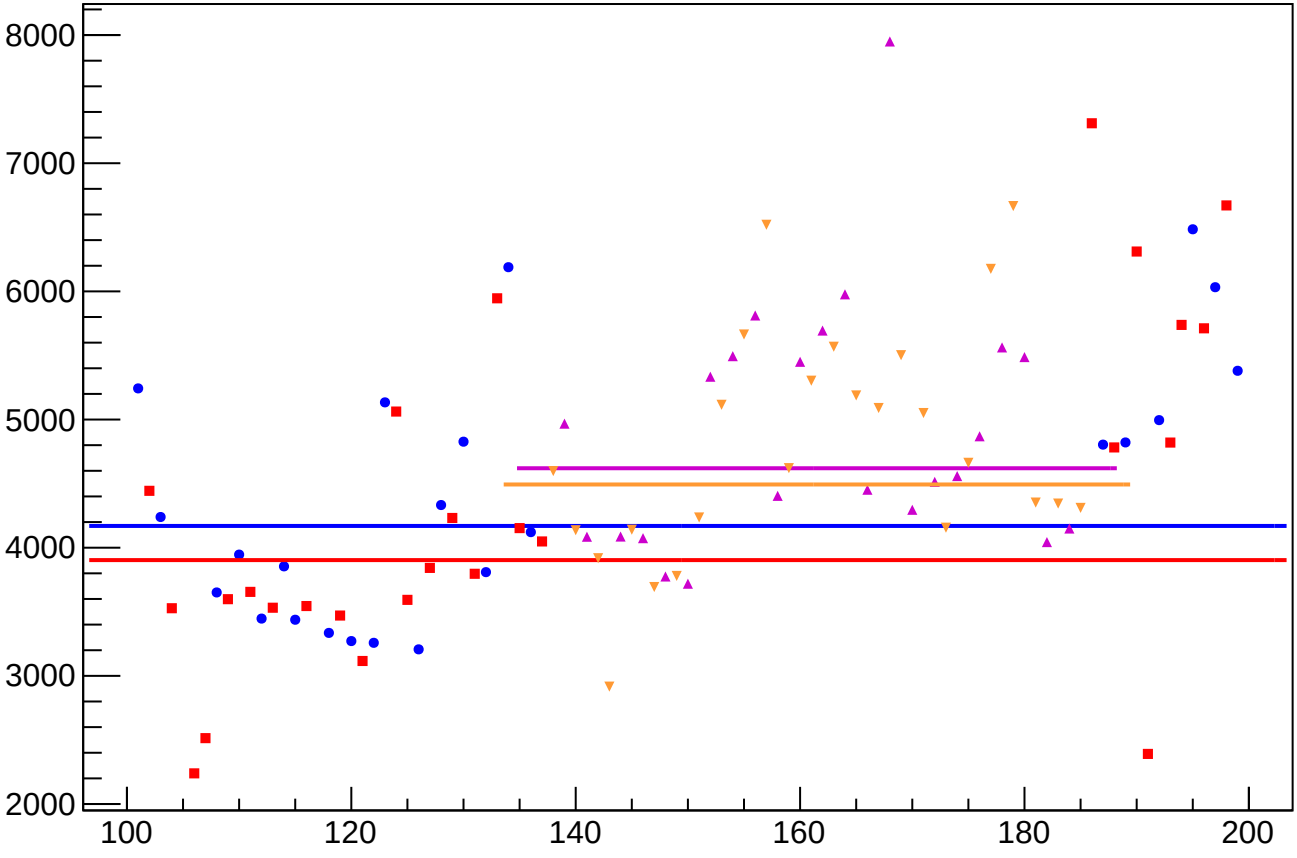
Right: -1679.395+/-889.456 χ^2/NDF: 46.3/48

In: -394.616+/-858.144 χ^2/NDF:38.5/45

Out: -976.679+/-797.585 χ^2/NDF:52.1/50

All: -706.908+/-584.215 χ^2/NDF: 90.8/96

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4169.838+/-0.945 χ^2/NDF: 932950.6/22

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

Right Out: 3903.238+/-0.837 χ^2/NDF: 1807894.0/25

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

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

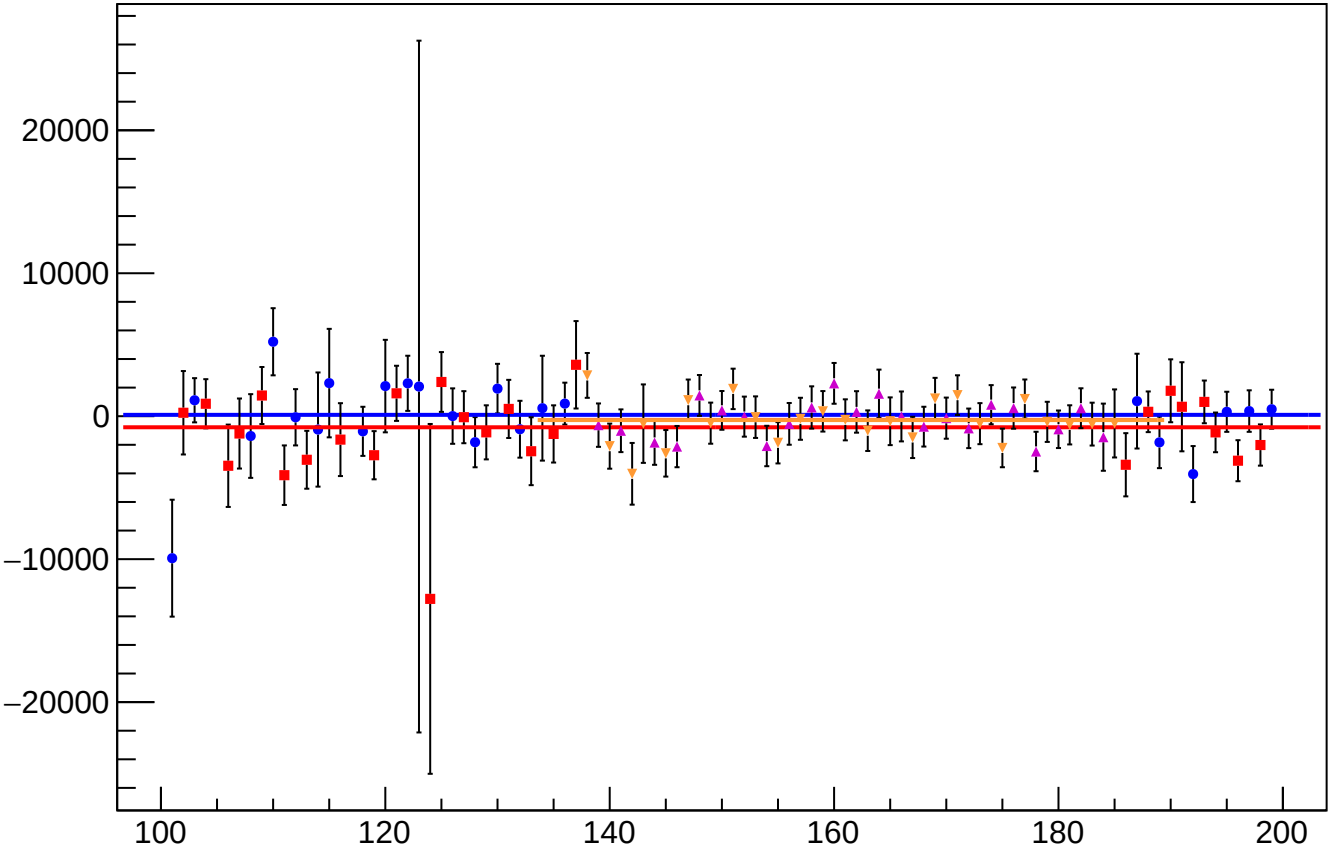
Right: 4020.400+/-0.627 χ^2/NDF: 2785446.8/48

In: 4434.411+/-0.607 χ^2/NDF:2068239.0/45

Out: 4226.954+/-0.562 χ^2/NDF:3389787.7/50

All: 4322.789+/-0.412 χ^2/NDF: 5520918.8/96

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 94.531+/-416.379 χ^2/NDF: 22.7/22

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

Right Out: -774.468+/-384.118 χ^2/NDF: 24.9/25

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

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

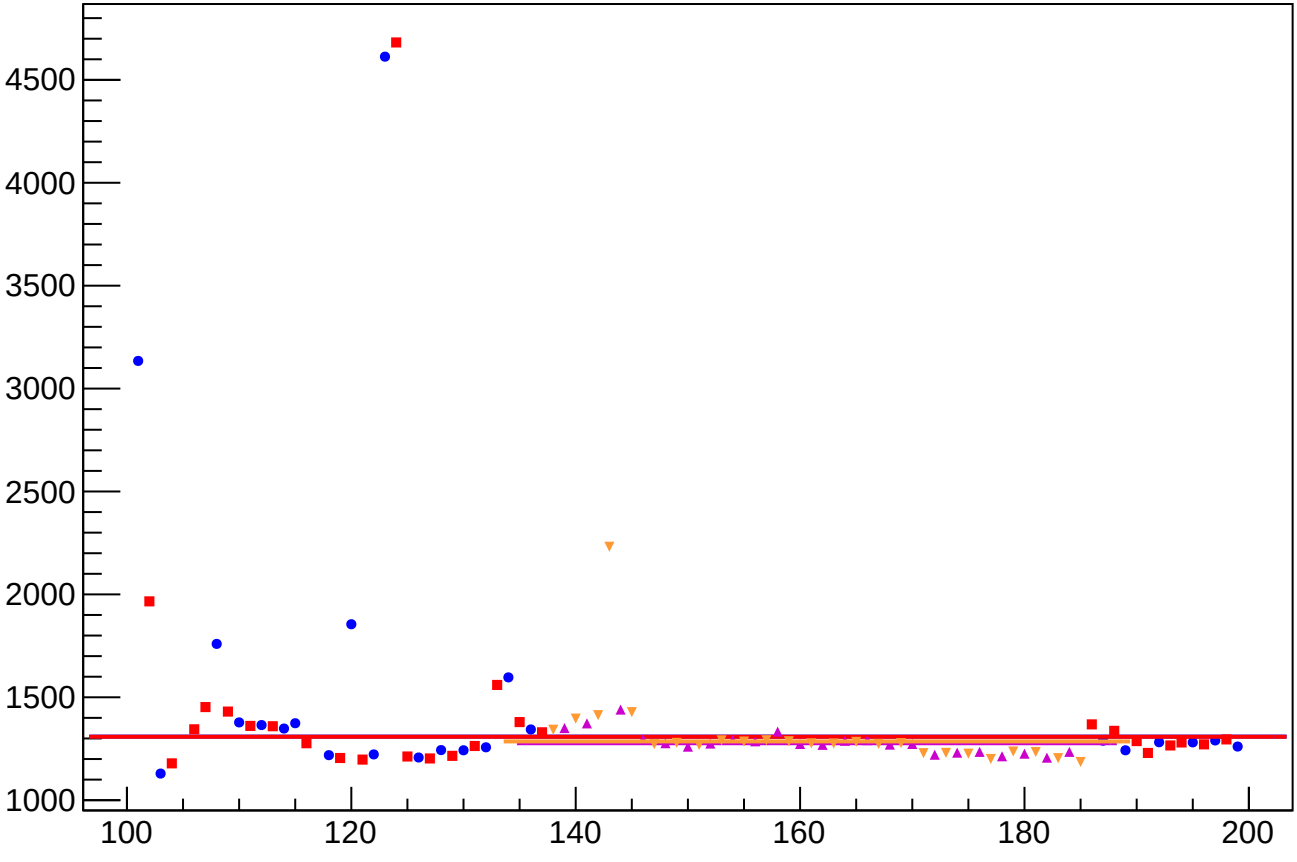
Right: -374.934+/-282.330 χ^2/NDF: 49.9/48

In: -134.930+/-246.202 χ^2/NDF:39.2/45

Out: -463.056+/-237.425 χ^2/NDF:48.1/50

All: -304.947+/-170.904 χ^2/NDF: 88.2/96

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1308.981+/-0.294 χ^2/NDF: 613749.4/22

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

Right Out: 1308.204+/-0.272 χ^2/NDF: 346256.1/25

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

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

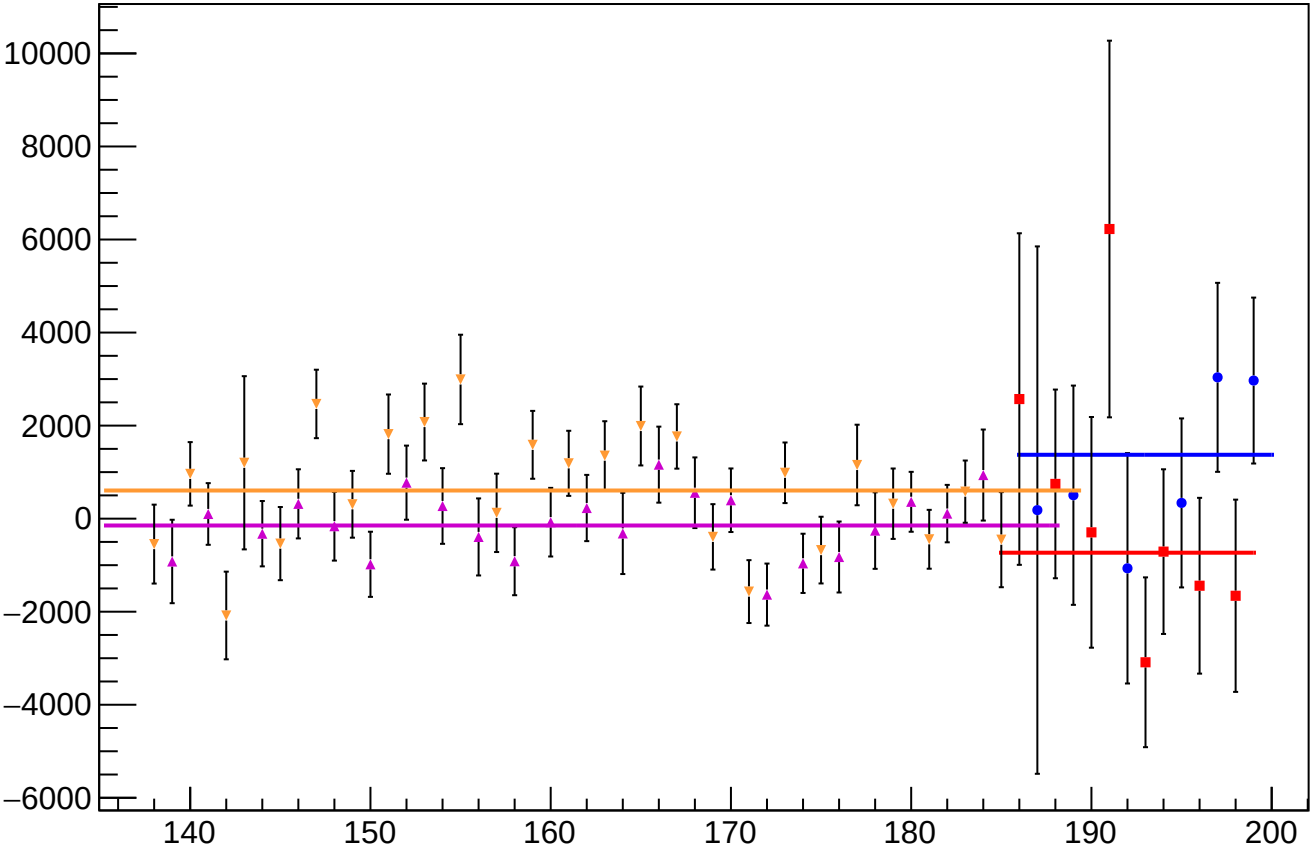
Right: 1308.561+/-0.200 χ^2/NDF: 960009.3/48

In: 1288.022+/-0.174 χ^2/NDF:680975.0/45

Out: 1294.220+/-0.168 χ^2/NDF:656603.1/50

All: 1291.233+/-0.121 χ^2/NDF: 1338234.8/96

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 1373.004+/-900.142 χ^2/NDF: 2.9/5

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

Right Out: -731.934+/-771.645 χ^2/NDF: 6.4/7

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

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

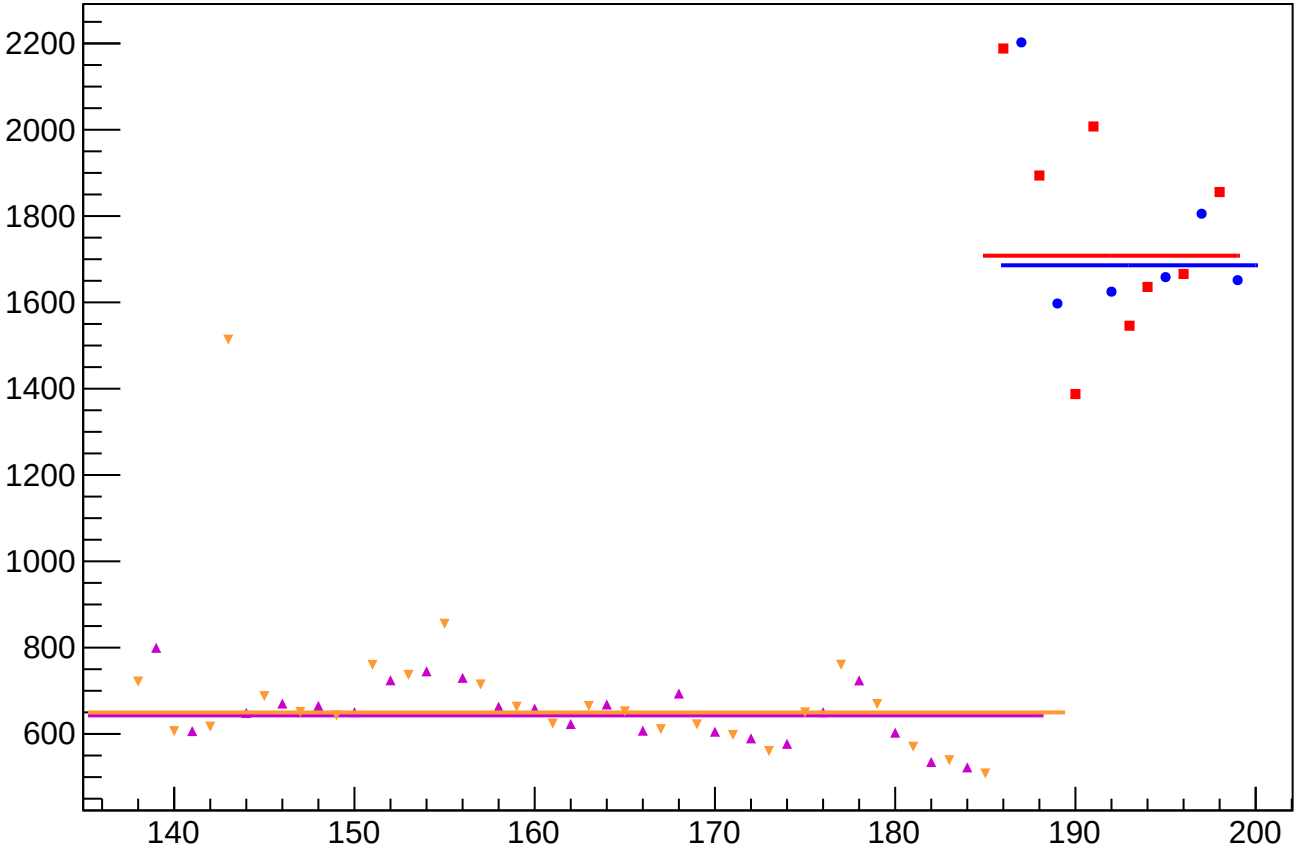
Right: 159.695+/-585.846 χ^2/NDF: 12.5/13

In: -103.790+/-151.844 χ^2/NDF:25.1/28

Out: 554.000+/-150.948 χ^2/NDF:69.2/32

All: 227.050+/-107.052 χ^2/NDF: 103.8/61

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1685.948+/-0.636 χ^2/NDF: 28771.9/5

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

Right Out: 1708.159+/-0.546 χ^2/NDF: 127813.0/7

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

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

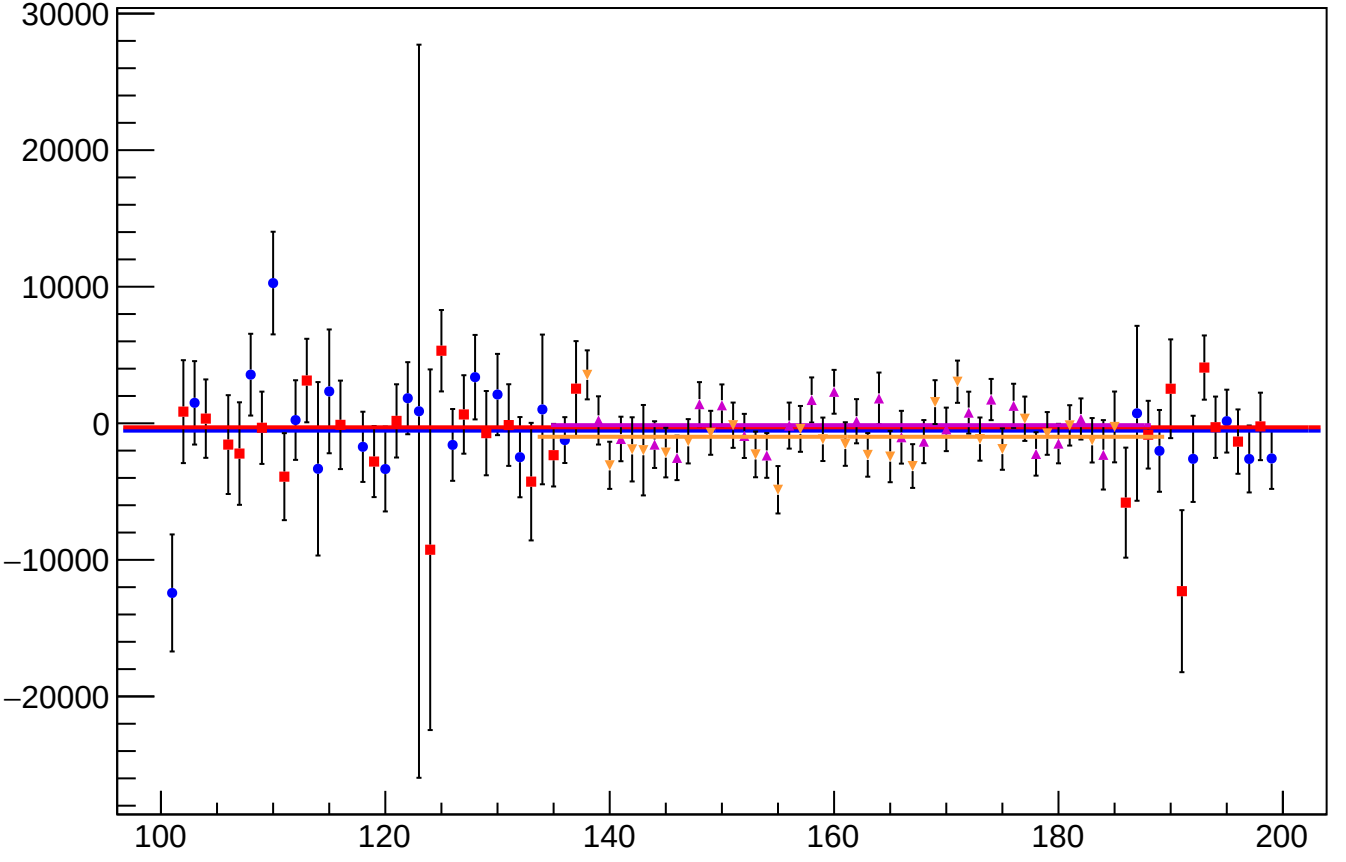
Right: 1698.751+/-0.414 χ^2/NDF: 157286.8/13

In: 672.686+/-0.107 χ^2/NDF:2961108.9/28

Out: 690.364+/-0.107 χ^2/NDF:4586574.2/32

All: 681.577+/-0.076 χ^2/NDF: 7561317.2/61

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -537.614+/-620.940 χ^2/NDF: 26.4/22

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

Right Out: -293.902+/-586.705 χ^2/NDF: 20.7/25

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

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

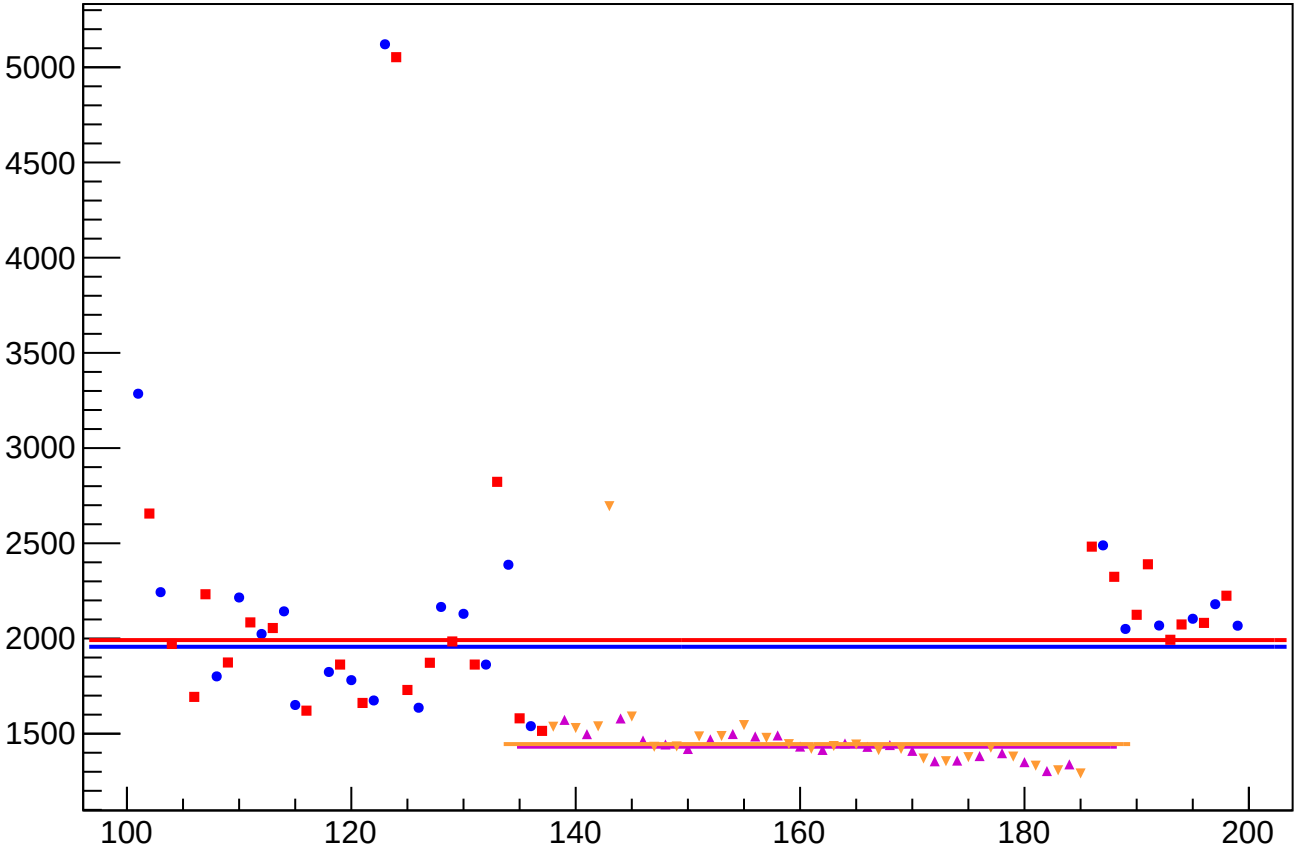
Right: -408.855+/-426.452 χ^2/NDF: 47.2/48

In: -230.951+/-299.743 χ^2/NDF:45.5/45

Out: -813.126+/-294.016 χ^2/NDF:50.3/50

All: -527.653+/-209.896 χ^2/NDF: 97.7/96

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1956.454+/-0.439 χ^2/NDF: 530364.1/22

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

Right Out: 1991.638+/-0.415 χ^2/NDF: 559302.3/25

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

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

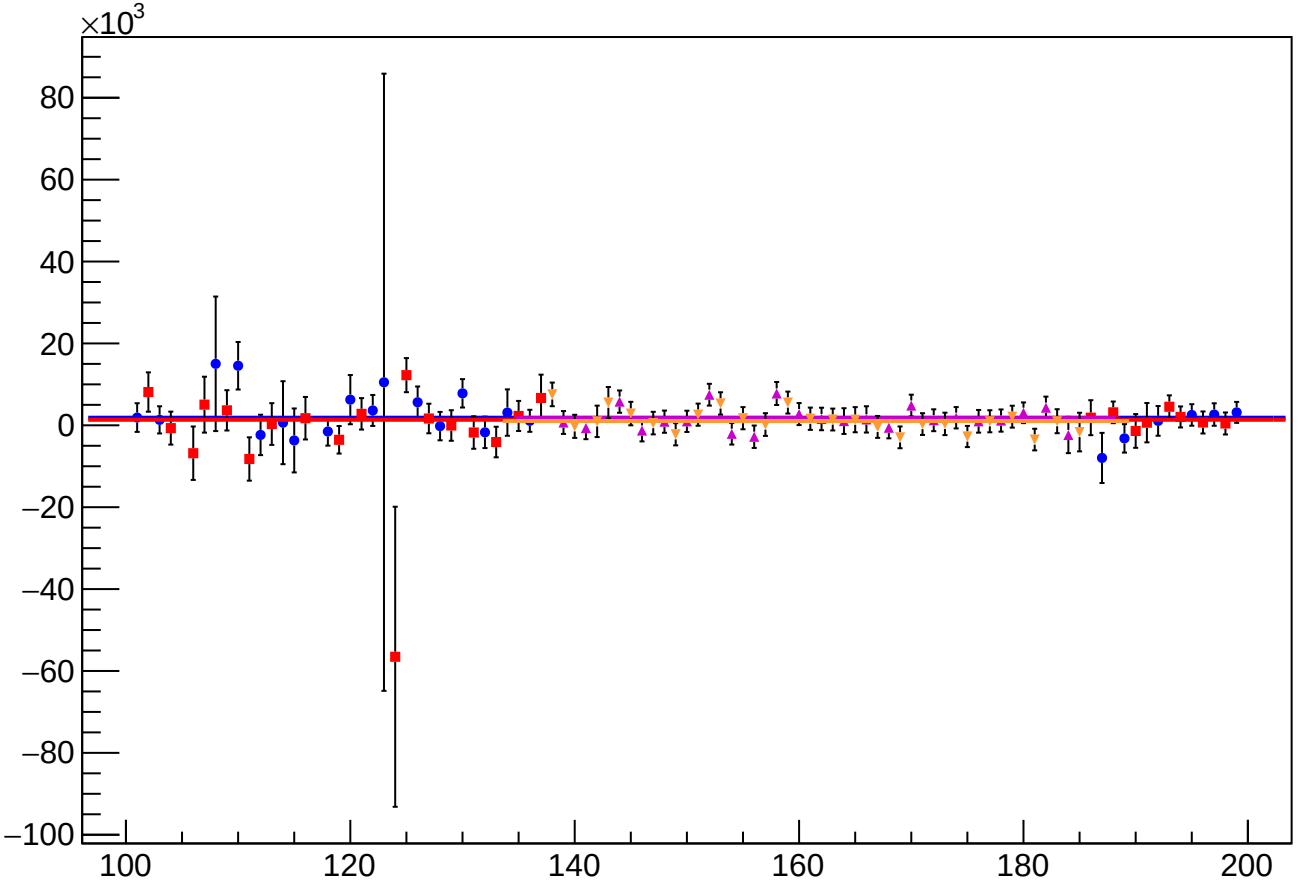
Right: 1975.043+/-0.302 χ^2/NDF: 1093058.8/48

In: 1553.952+/-0.212 χ^2/NDF:1703851.9/45

Out: 1582.593+/-0.208 χ^2/NDF:2232348.2/50

All: 1568.549+/-0.148 χ^2/NDF: 3945506.0/96

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1858.676+/-805.296 χ^2/NDF: 18.8/22

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

Right Out: 1352.738+/-752.959 χ^2/NDF: 25.6/25

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

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

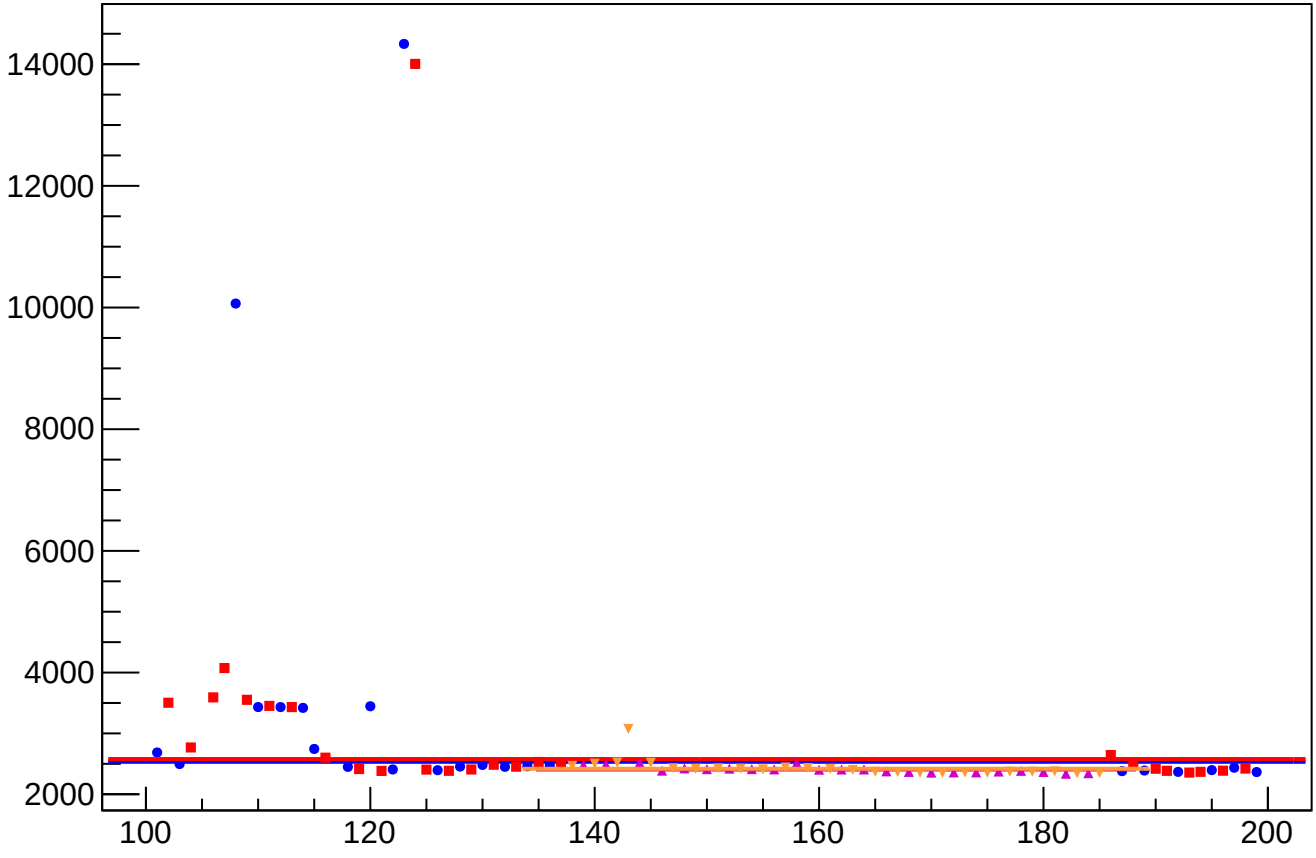
Right: 1588.734+/-549.995 χ^2/NDF: 44.6/48

In: 1794.700+/-467.771 χ^2/NDF:42.1/45

Out: 1164.010+/-452.554 χ^2/NDF:48.3/50

All: 1468.930+/-325.251 χ^2/NDF: 91.3/96

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2533.394+/-0.569 χ^2/NDF: 686334.4/22

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

Right Out: 2578.301+/-0.532 χ^2/NDF: 686090.4/25

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

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

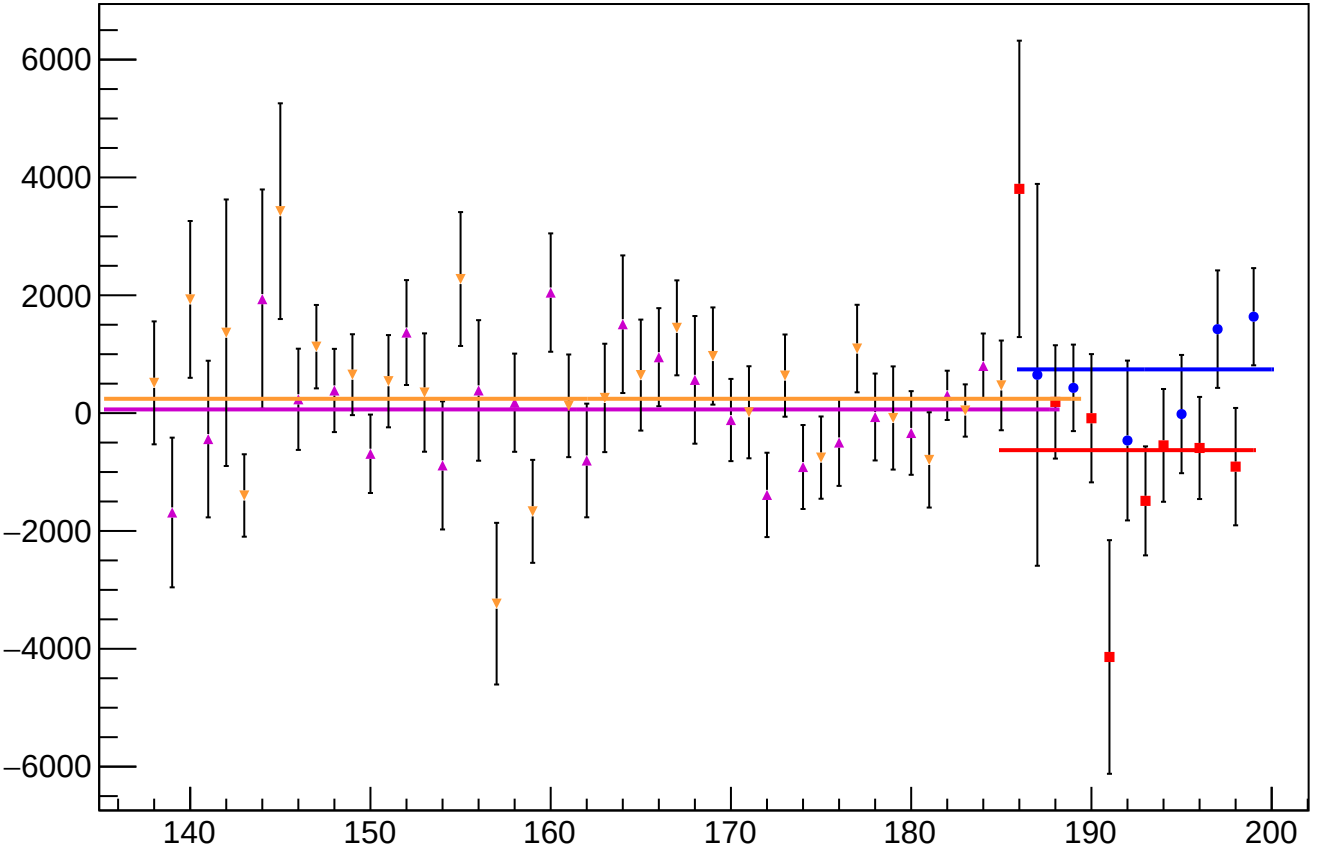
Right: 2557.354+/-0.389 χ^2/NDF: 1375743.1/48

In: 2449.277+/-0.331 χ^2/NDF:734512.7/45

Out: 2476.528+/-0.320 χ^2/NDF:818071.8/50

All: 2463.353+/-0.230 χ^2/NDF: 1556090.6/96

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 742.318+/-409.514 χ^2/NDF: 3.2/5

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

Right Out: -628.604+/-379.678 χ^2/NDF: 8.2/7

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

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

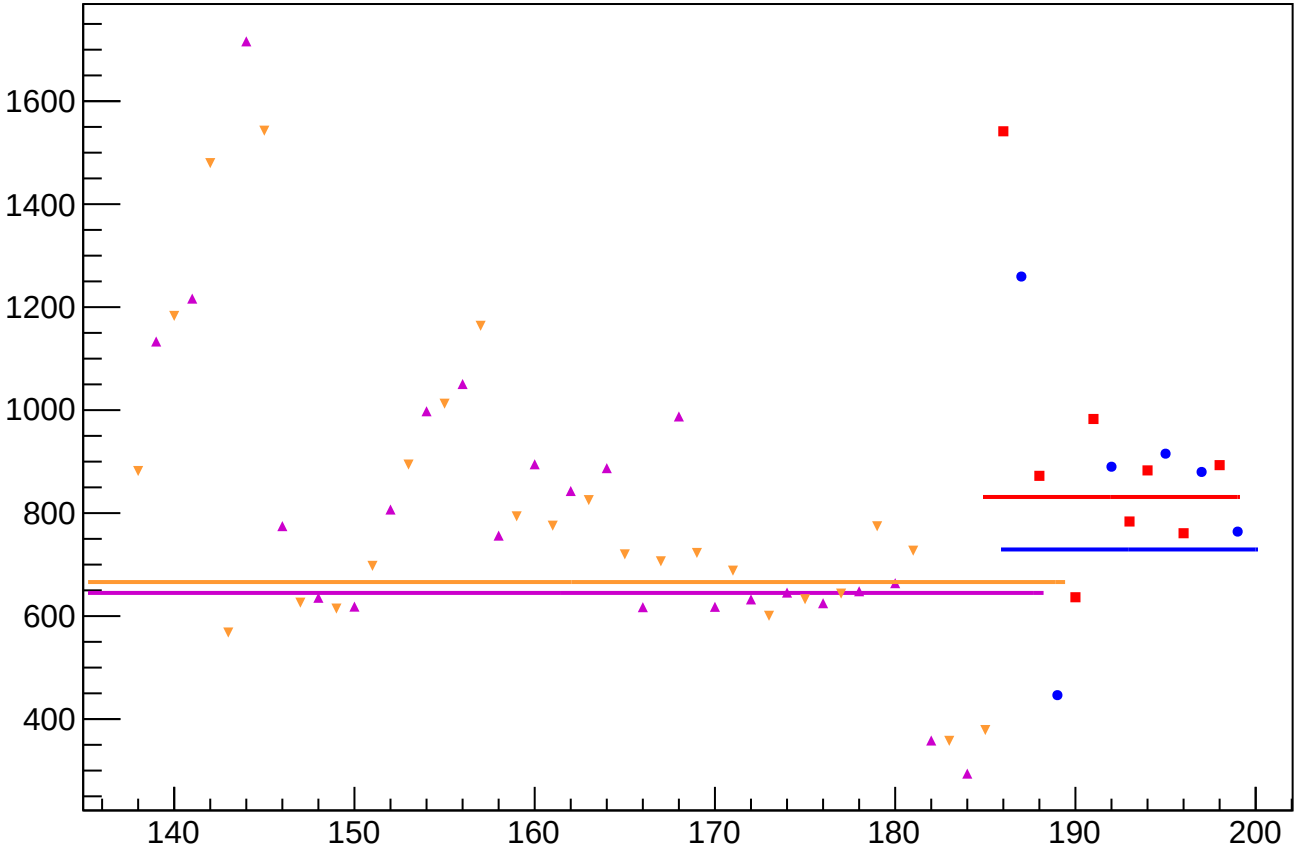
Right: 5.101+/-278.424 χ^2/NDF: 17.4/13

In: 156.686+/-152.380 χ^2/NDF:29.8/28

Out: 106.147+/-150.509 χ^2/NDF:48.6/32

All: 131.105+/-107.081 χ^2/NDF: 78.5/61

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 729.380+/-0.290 χ^2/NDF: 496542.5/5

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

Right Out: 831.340+/-0.268 χ^2/NDF: 270806.5/7

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

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

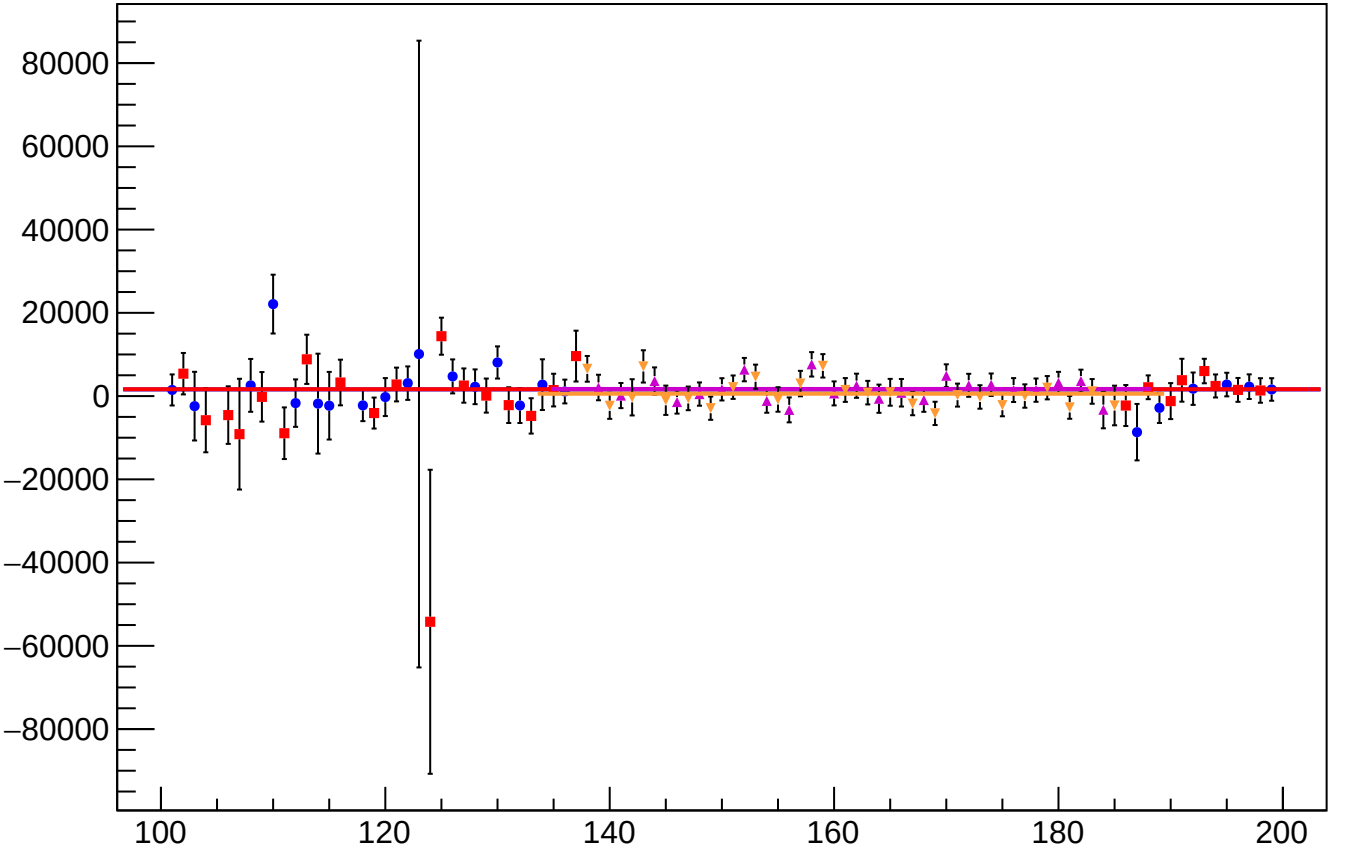
Right: 784.209+/-0.197 χ^2/NDF: 834019.7/13

In: 656.693+/-0.108 χ^2/NDF:4745974.0/28

Out: 692.094+/-0.106 χ^2/NDF:3780543.6/32

All: 674.612+/-0.076 χ^2/NDF: 8581157.3/61

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1601.834+/-879.377 χ^2/NDF: 19.0/22

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

Right Out: 1647.446+/-832.859 χ^2/NDF: 29.0/25

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

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

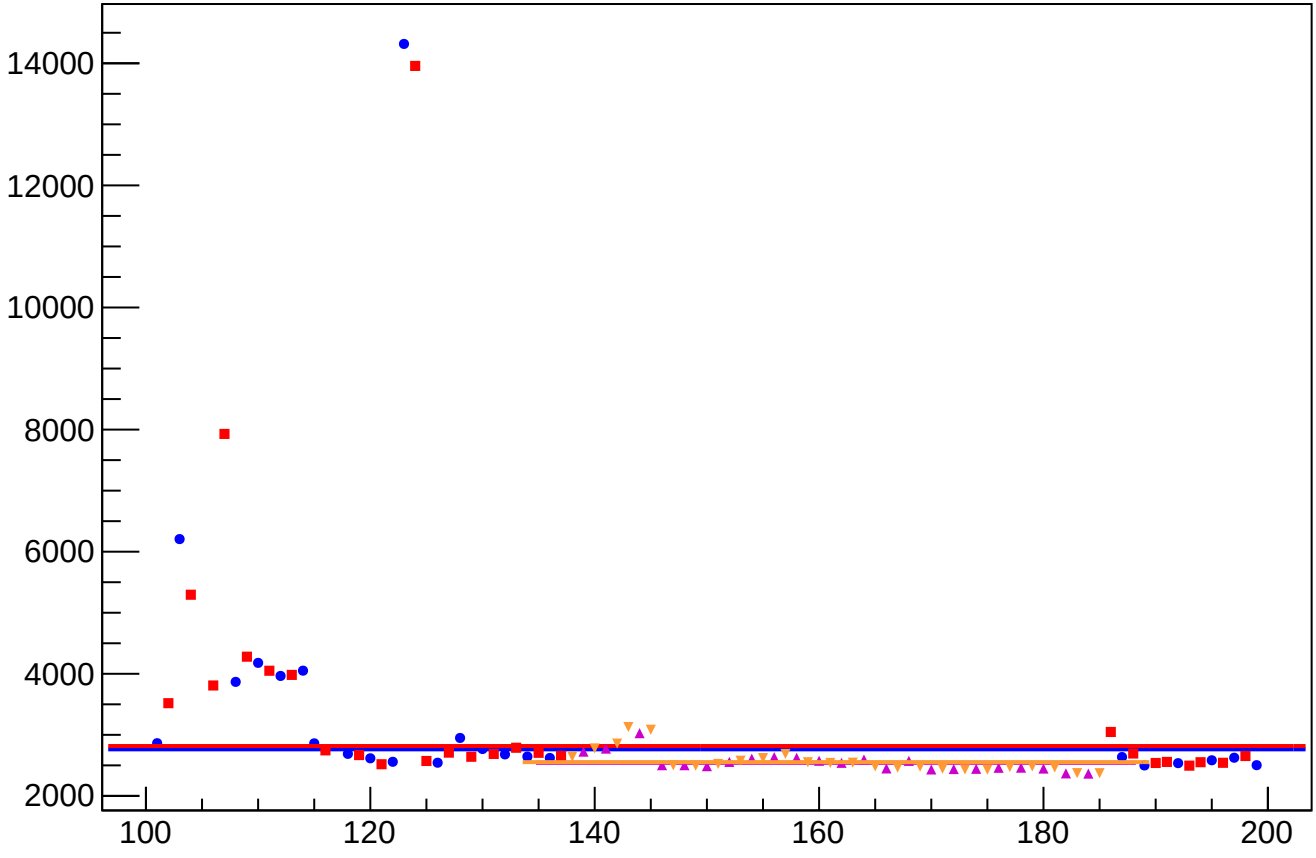
Right: 1625.878+/-604.697 χ^2/NDF: 48.0/48

In: 1677.279+/-499.981 χ^2/NDF:37.0/45

Out: 934.636+/-485.921 χ^2/NDF:55.3/50

All: 1295.369+/-348.462 χ^2/NDF: 93.5/96

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2762.532+/-0.622 χ^2/NDF: 723214.5/22

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

Right Out: 2816.912+/-0.589 χ^2/NDF: 1165155.5/25

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

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

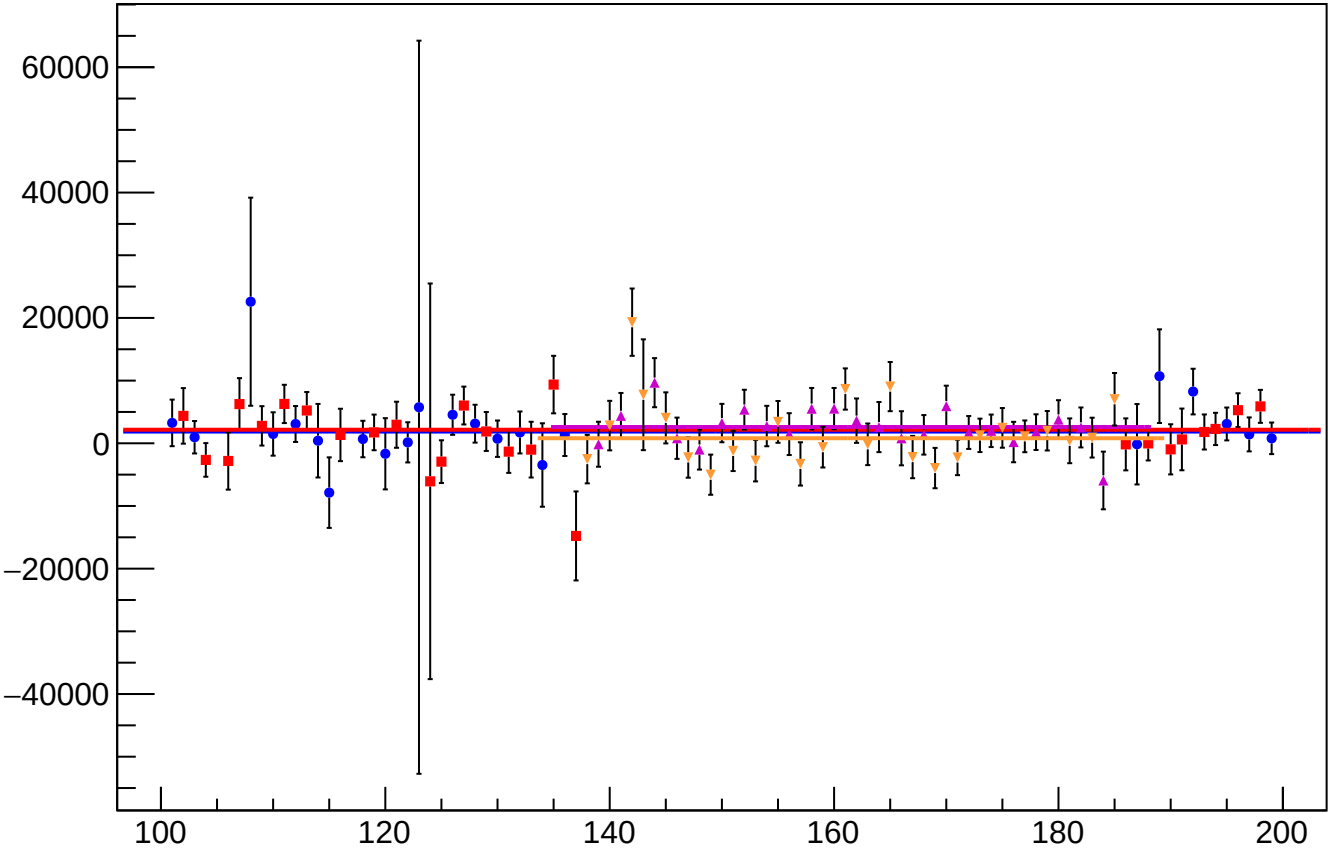
Right: 2791.198+/-0.428 χ^2/NDF: 1892401.8/48

In: 2613.256+/-0.354 χ^2/NDF:905613.6/45

Out: 2642.899+/-0.344 χ^2/NDF:1445949.6/50

All: 2628.500+/-0.246 χ^2/NDF: 2355178.5/96

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1873.709+/-740.772 χ^2/NDF: 12.6/22

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

Right Out: 2162.400+/-668.513 χ^2/NDF: 27.4/25

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

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

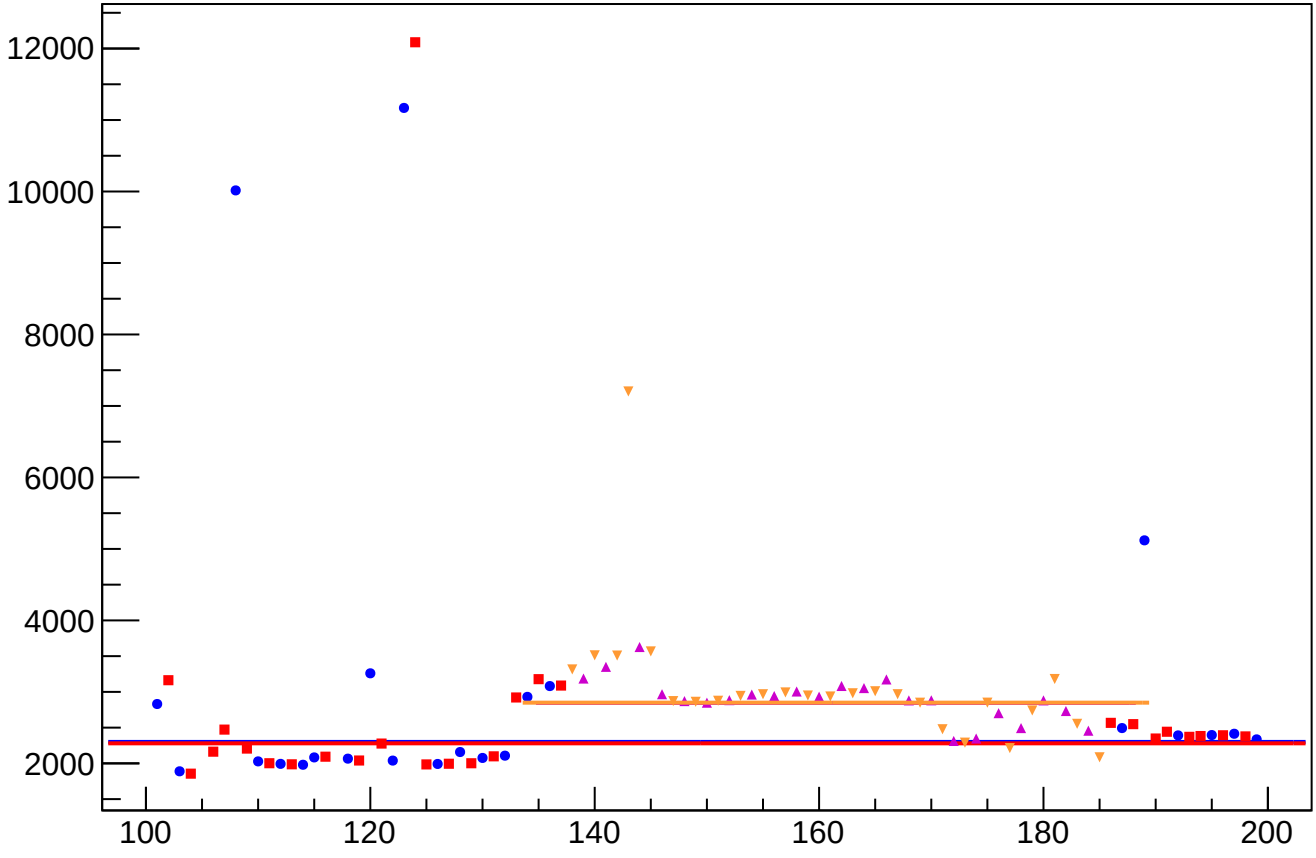
Right: 2032.818+/-496.295 χ^2/NDF: 40.1/48

In: 2263.439+/-502.465 χ^2/NDF:27.1/45

Out: 1493.910+/-475.860 χ^2/NDF:68.5/50

All: 1857.763+/-345.507 χ^2/NDF: 96.9/96

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2300.053+/-0.524 χ^2/NDF: 1159906.1/22

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

Right Out: 2280.274+/-0.472 χ^2/NDF: 625895.6/25

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

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

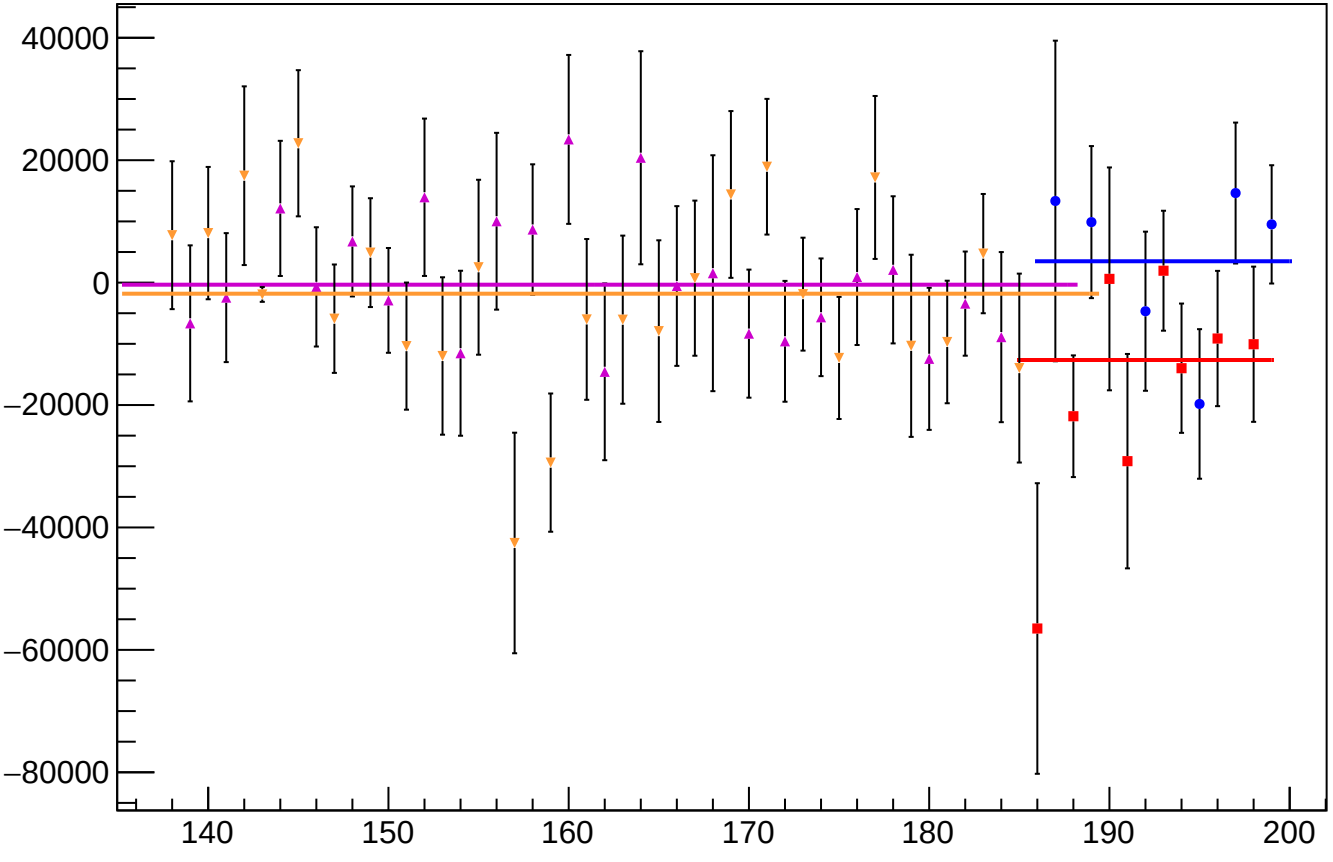
Right: 2289.147+/-0.351 χ^2/NDF: 1786587.8/48

In: 2594.156+/-0.355 χ^2/NDF:2127583.6/45

Out: 2560.833+/-0.336 χ^2/NDF:2375401.4/50

All: 2576.585+/-0.244 χ^2/NDF: 4507623.3/96

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 3489.896+/-5075.964 χ^2/NDF: 5.8/5

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

Right Out: -12641.976+/-4387.159 χ^2/NDF: 8.1/7

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

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

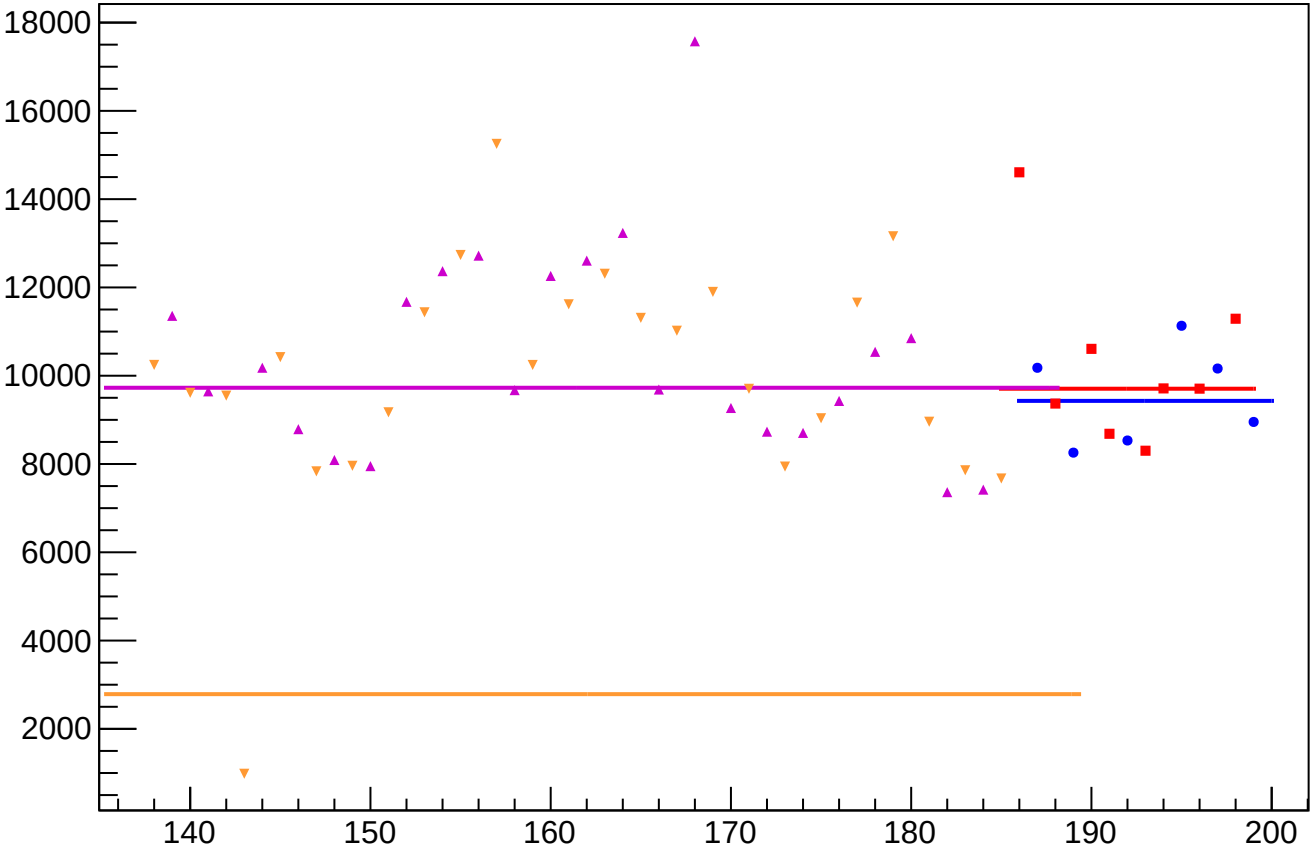
Right: -5744.064+/-3319.212 χ^2/NDF: 19.6/13

In: 344.188+/-2144.469 χ^2/NDF:20.4/28

Out: -2427.509+/-1047.018 χ^2/NDF:45.0/32

All: -1893.976+/-940.865 χ^2/NDF: 66.8/61

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 9430.077+/-3.589 χ^2/NDF: 80749.5/5

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

Right Out: 9705.629+/-3.102 χ^2/NDF: 171688.2/7

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

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

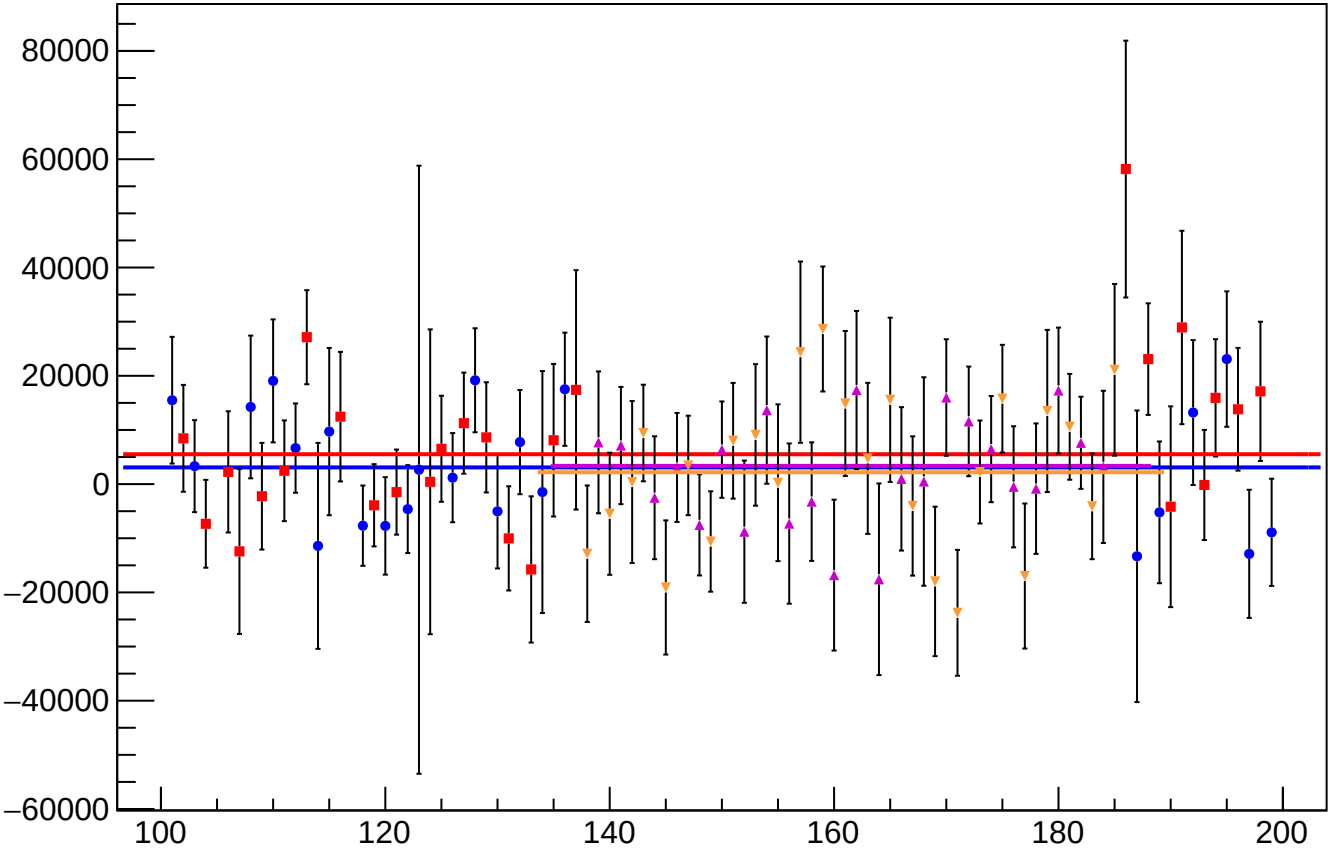
Right: 9587.804+/-2.347 χ^2/NDF: 255811.4/13

In: 9674.213+/-1.516 χ^2/NDF:1347788.0/28

Out: 3180.551+/-0.740 χ^2/NDF:27726136.5/32

All: 4430.536+/-0.665 χ^2/NDF: 43882590.9/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3086.119+/-2262.090 χ^2/NDF: 22.1/22

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

Right Out: 5521.089+/-2137.760 χ^2/NDF: 32.0/25

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

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

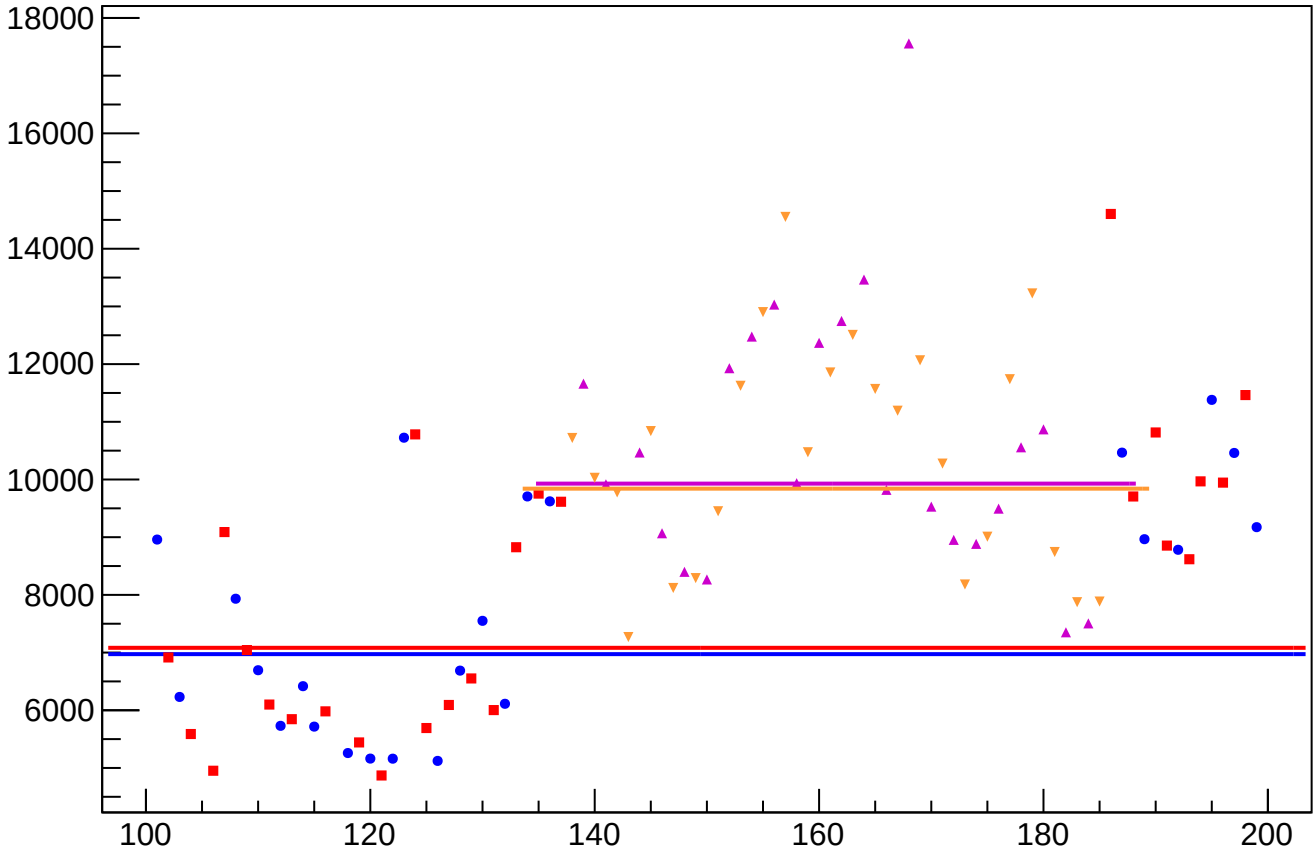
Right: 4372.356+/-1553.719 χ^2/NDF: 54.7/48

In: 3215.344+/-1650.581 χ^2/NDF:34.9/45

Out: 4011.536+/-1580.311 χ^2/NDF:64.3/50

All: 3630.749+/-1141.482 χ^2/NDF: 99.3/96

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6972.918+/-1.600 χ^2/NDF: 1362197.9/22

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

Right Out: 7082.563+/-1.512 χ^2/NDF: 1745693.1/25

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

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

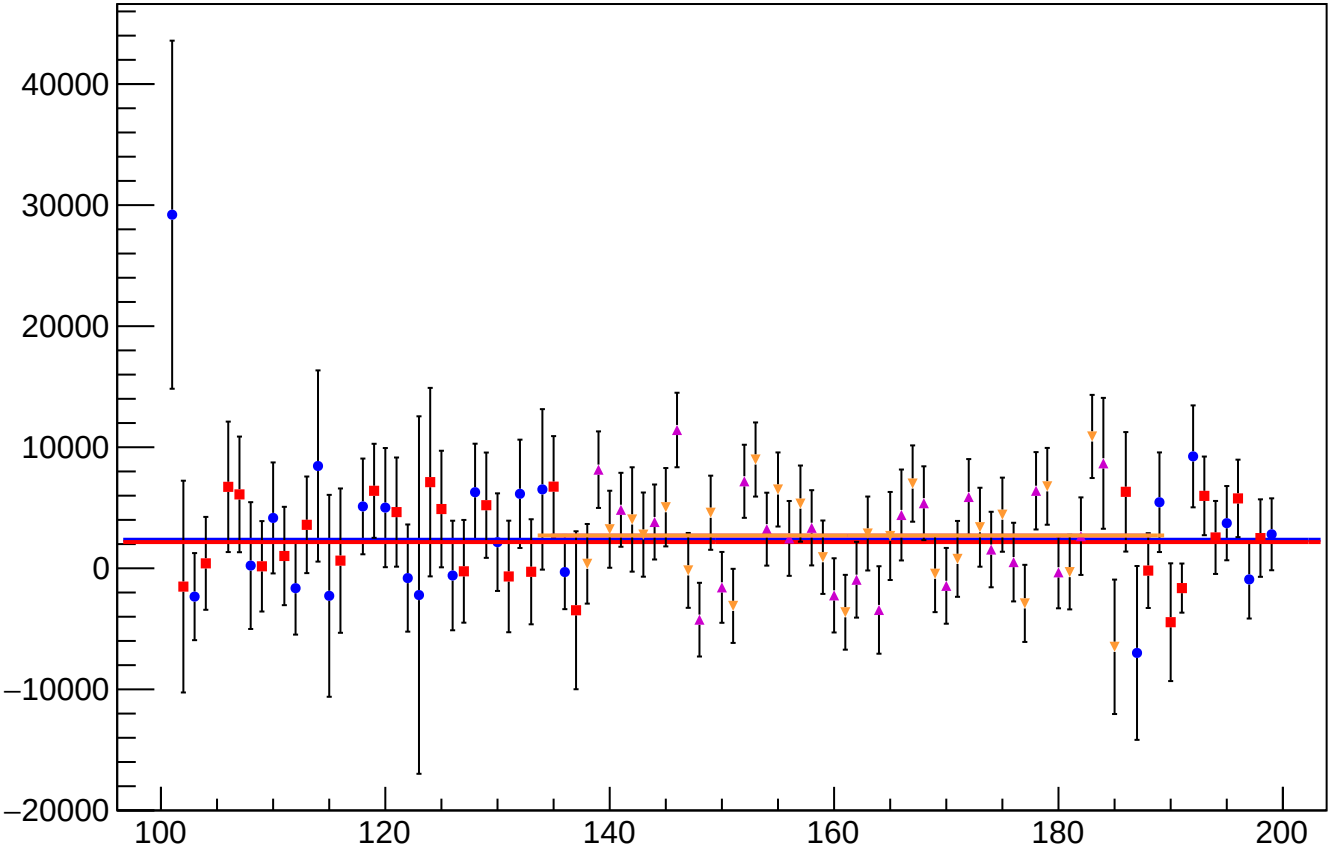
Right: 7030.838+/-1.099 χ^2/NDF: 3110373.2/48

In: 8354.960+/-1.167 χ^2/NDF:4179623.6/45

Out: 8333.648+/-1.117 χ^2/NDF:4440989.4/50

All: 8343.840+/-0.807 χ^2/NDF: 8620787.0/96

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2358.143+/-902.567 χ^2/NDF: 18.3/22

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

Right Out: 2166.007+/-771.905 χ^2/NDF: 17.4/25

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

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

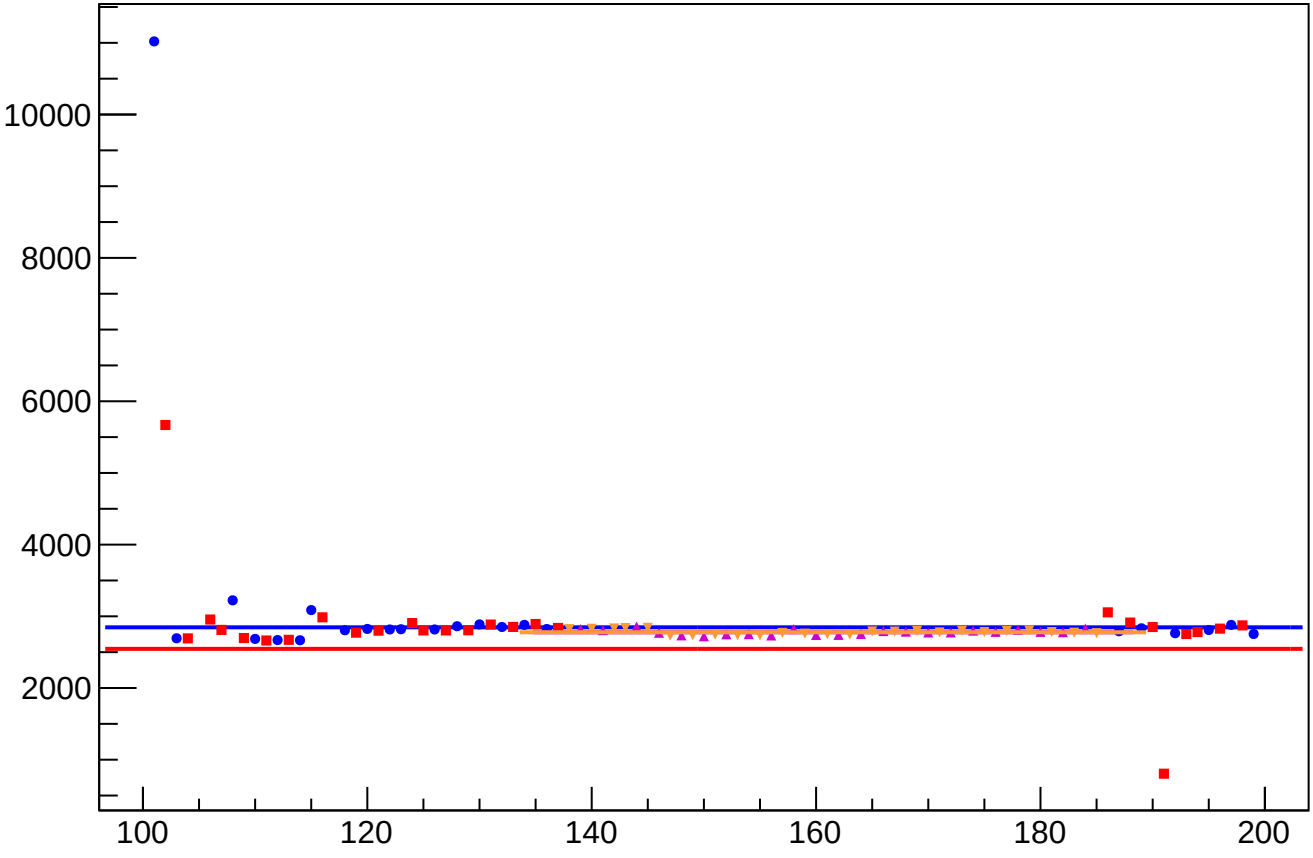
Right: 2247.173+/-586.627 χ^2/NDF: 35.7/48

In: 2578.860+/-534.092 χ^2/NDF:54.5/45

Out: 2486.279+/-496.677 χ^2/NDF:52.4/50

All: 2529.213+/-363.712 χ^2/NDF: 106.9/96

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2846.413+/-0.638 χ^2/NDF: 674067.5/22

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

Right Out: 2546.239+/-0.546 χ^2/NDF: 1956767.1/25

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

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

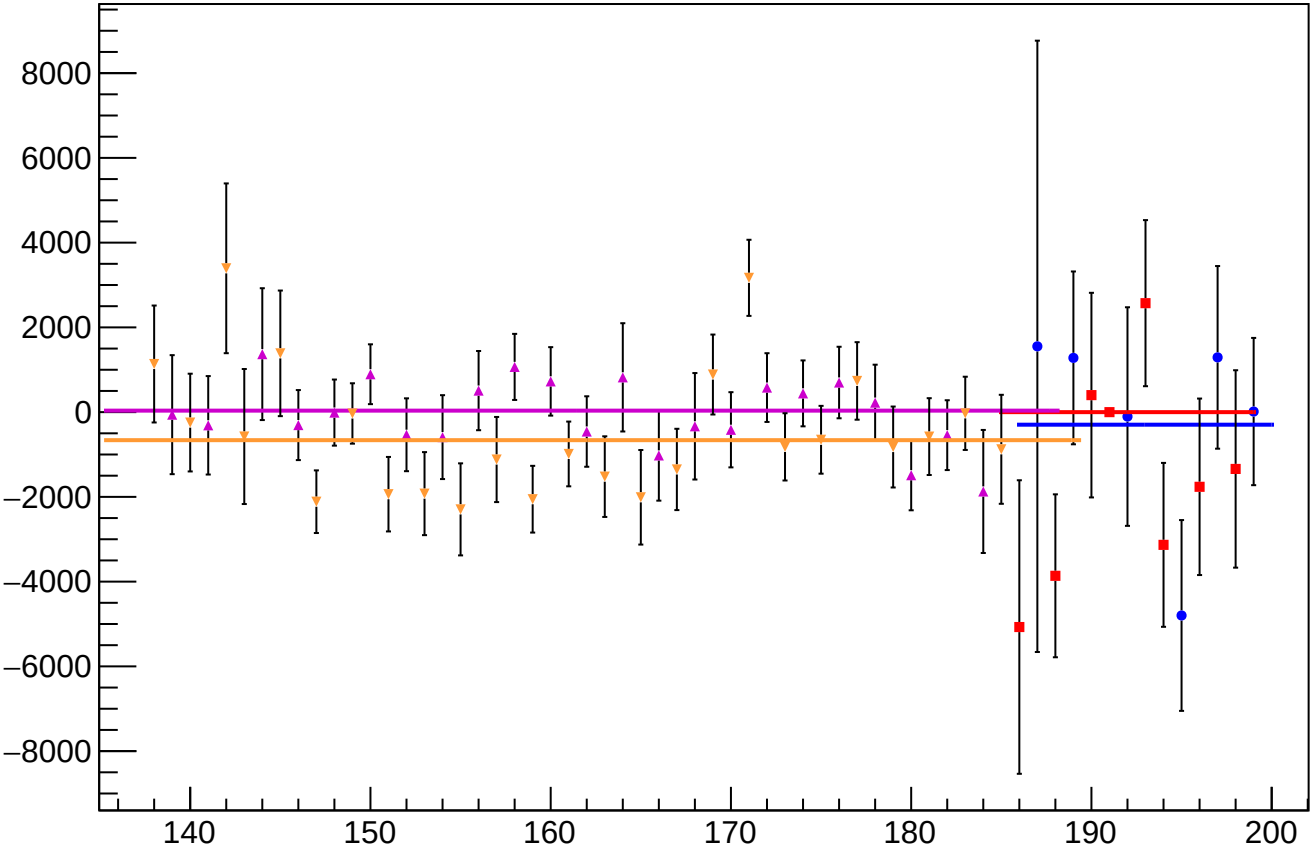
Right: 2673.044+/-0.415 χ^2/NDF: 2758599.9/48

In: 2801.537+/-0.378 χ^2/NDF:687164.7/45

Out: 2681.724+/-0.351 χ^2/NDF:2067169.1/50

All: 2737.287+/-0.257 χ^2/NDF: 2808305.6/96

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -296.459+/-931.009 χ^2/NDF: 5.2/5

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

Right Out: -0.282+/-4.105 χ^2/NDF: 11.6/7

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

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

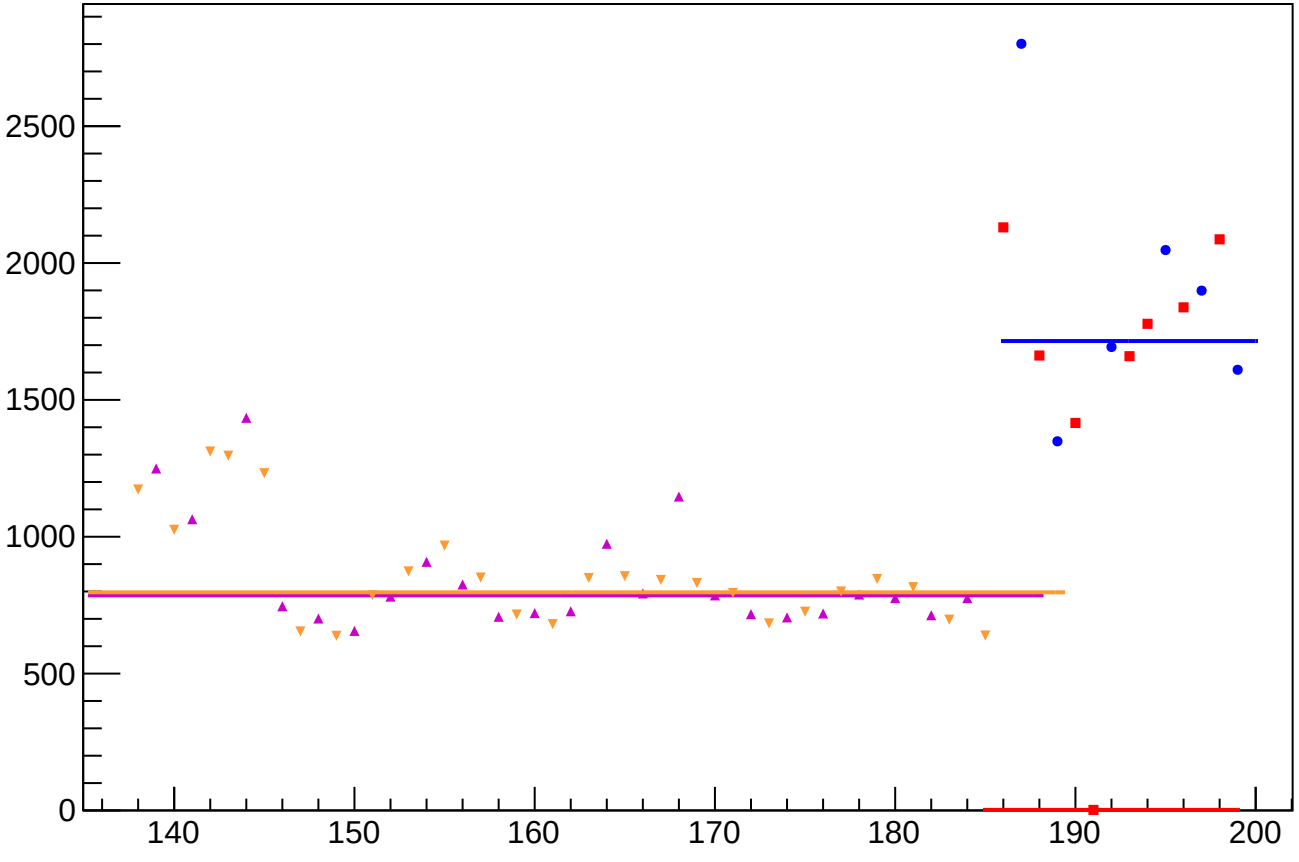
Right: -0.287+/-4.105 χ^2/NDF: 16.9/13

In: 22.024+/-186.683 χ^2/NDF:20.5/28

Out: -0.590+/-4.104 χ^2/NDF:72.4/32

All: -0.579+/-4.103 χ^2/NDF: 92.9/61

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1714.973+/-0.658 χ^2/NDF: 175512.4/5

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

Right Out: 2.081+/-0.003 χ^2/NDF: 9204523.0/7

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

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

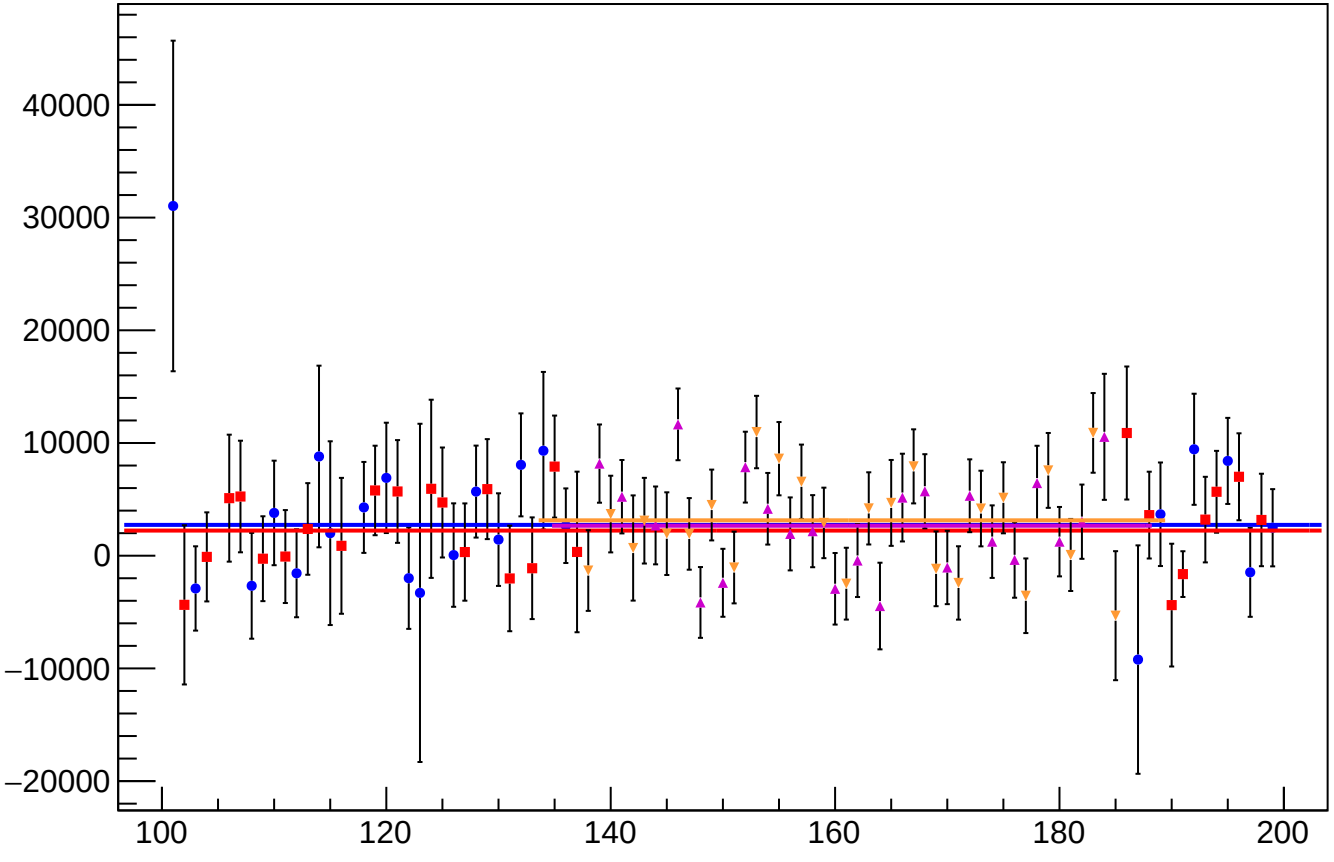
Right: 2.114+/-0.003 χ^2/NDF: 16149805.0/13

In: 823.282+/-0.132 χ^2/NDF:3213035.6/28

Out: 2.451+/-0.003 χ^2/NDF:45289011.7/32

All: 2.847+/-0.003 χ^2/NDF: 87149221.3/61

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2734.653+/-969.576 χ^2/NDF: 21.1/22

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

Right Out: 2230.059+/-828.832 χ^2/NDF: 18.3/25

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

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

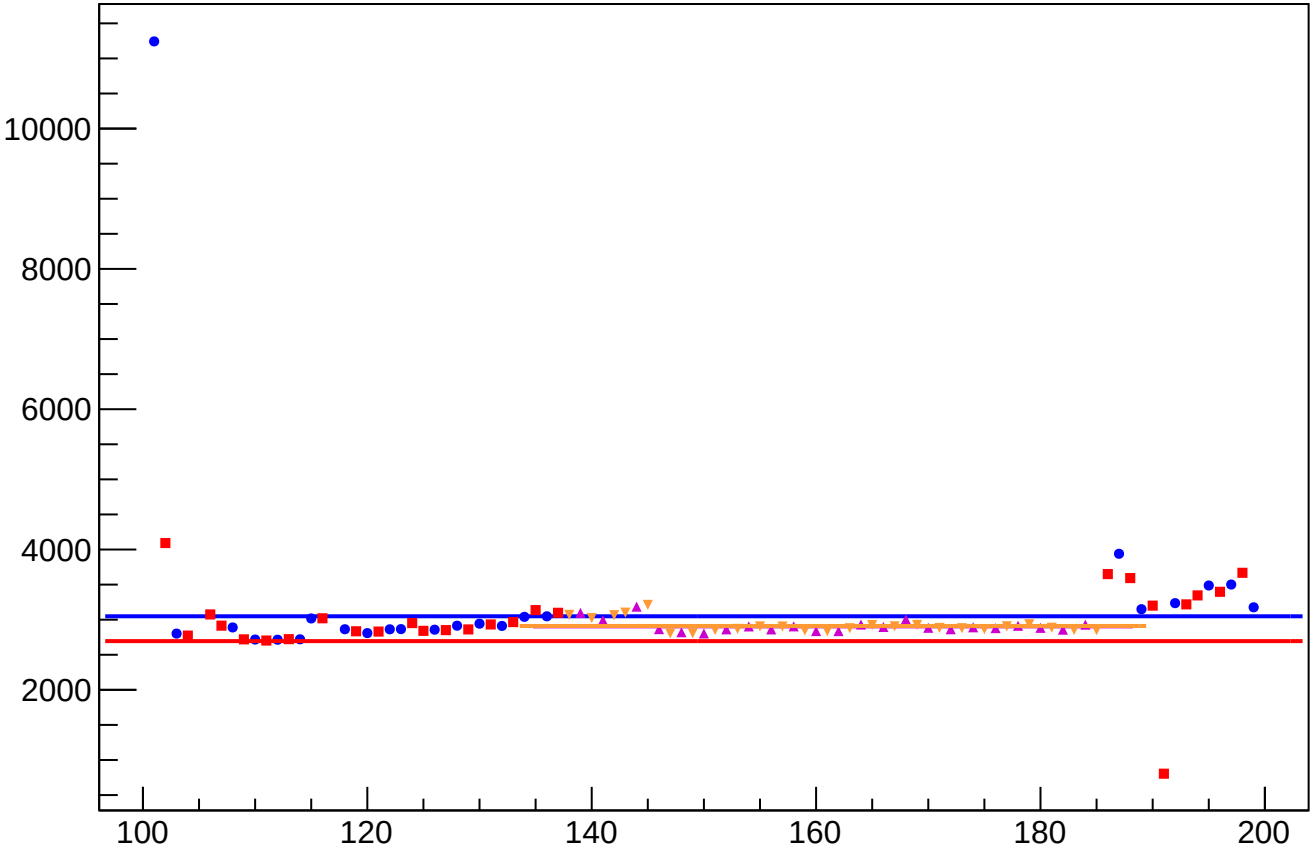
Right: 2443.106+/-630.012 χ^2/NDF: 39.6/48

In: 2685.134+/-563.860 χ^2/NDF:58.1/45

Out: 2773.395+/-525.813 χ^2/NDF:57.3/50

All: 2732.342+/-384.554 χ^2/NDF: 115.4/96

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3048.508+/-0.686 χ^2/NDF: 759720.3/22

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

Right Out: 2694.556+/-0.586 χ^2/NDF: 2344907.7/25

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

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

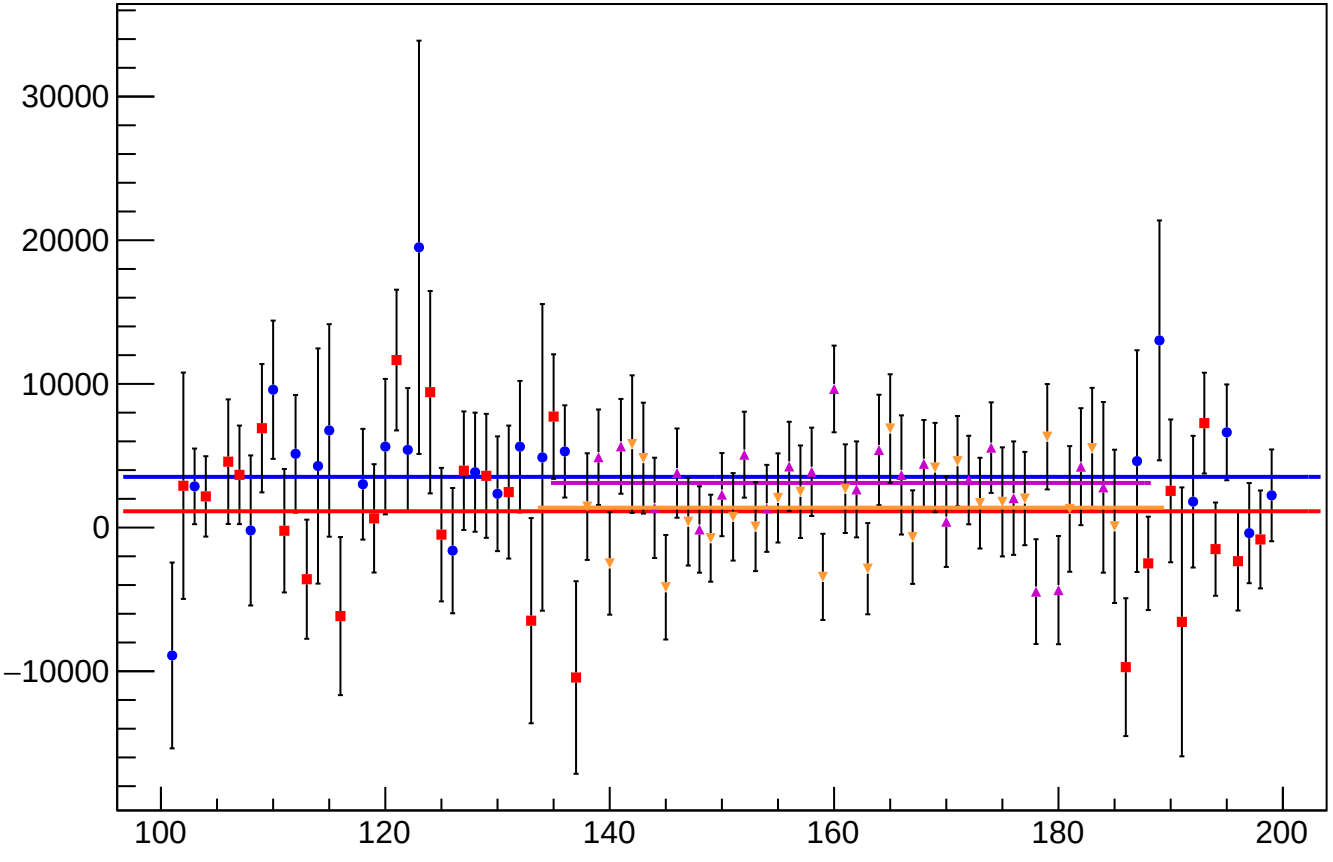
Right: 2844.000+/-0.445 χ^2/NDF: 3258628.1/48

In: 2953.203+/-0.399 χ^2/NDF:819342.5/45

Out: 2823.507+/-0.372 χ^2/NDF:2462007.0/50

All: 2883.832+/-0.272 χ^2/NDF: 3337946.7/96

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3529.204+/-917.350 χ^2/NDF: 13.6/22

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

Right Out: 1134.938+/-831.181 χ^2/NDF: 31.8/25

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

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

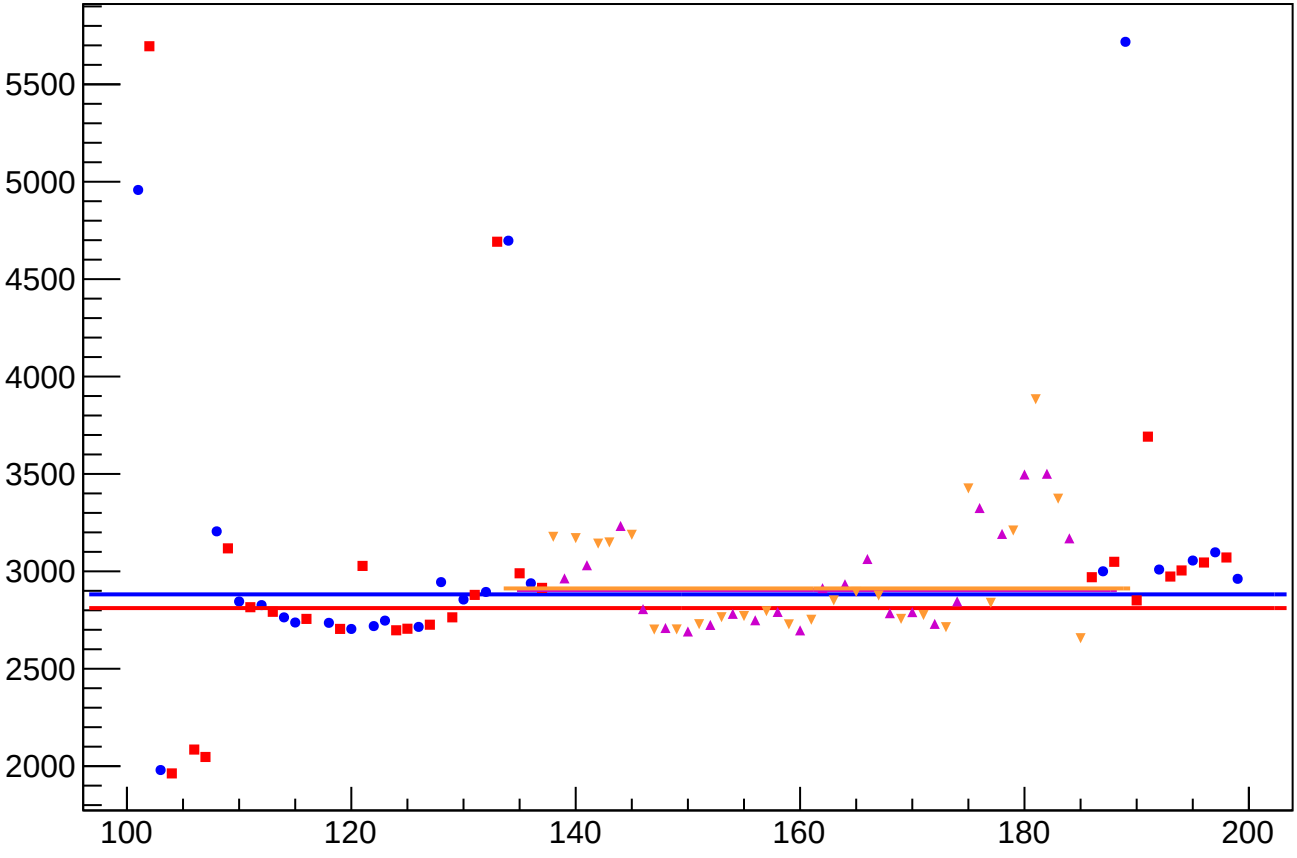
Right: 2214.365+/-615.950 χ^2/NDF: 49.2/48

In: 3261.080+/-554.315 χ^2/NDF:32.1/45

Out: 1284.678+/-528.455 χ^2/NDF:49.9/50

All: 2225.703+/-382.489 χ^2/NDF: 88.7/96

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2881.790+/-0.649 χ^2/NDF: 768198.3/22

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2811.348+/-0.588 χ^2/NDF: 831956.6/25

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

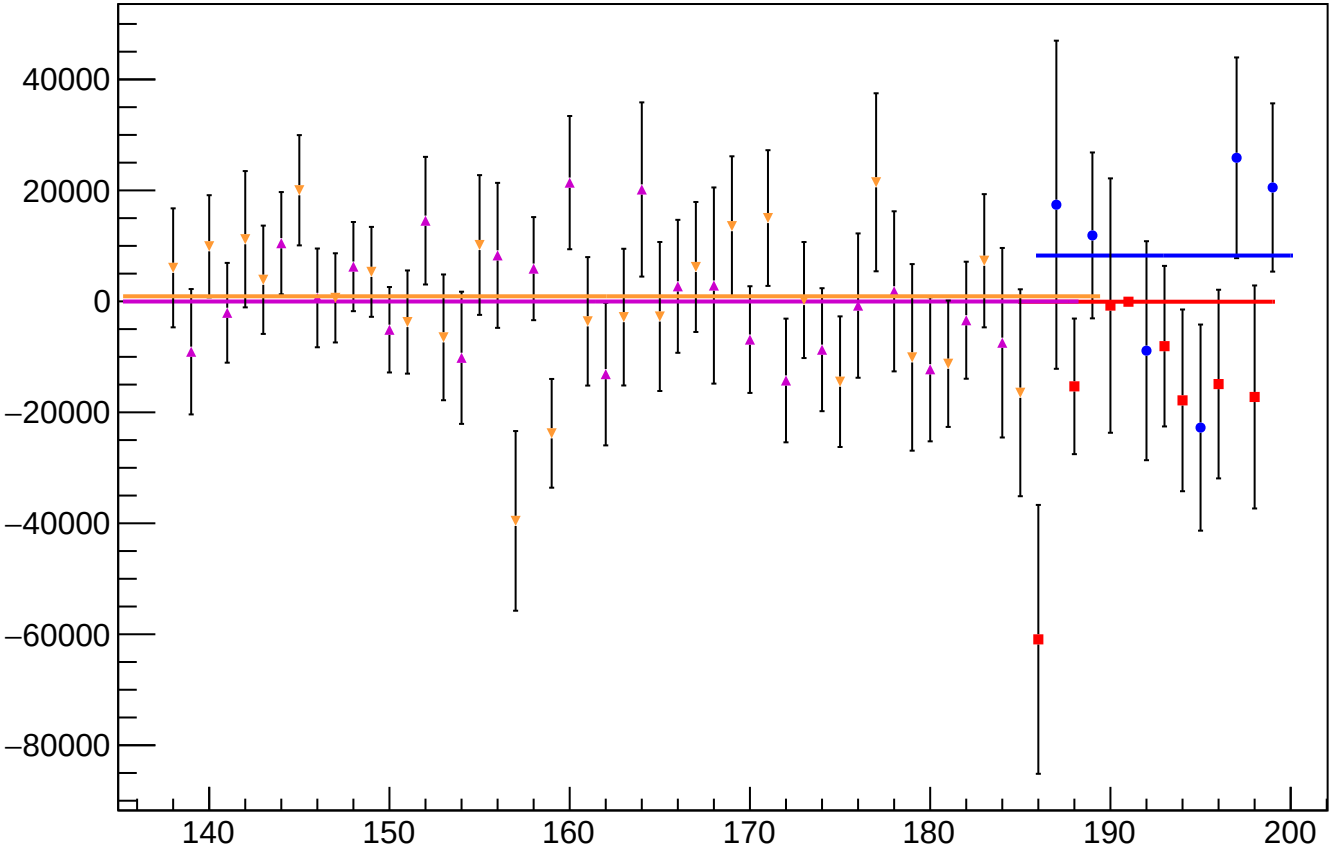
Right: 2843.099+/-0.435 χ^2/NDF: 1606632.2/48

In: 2896.190+/-0.392 χ^2/NDF:986553.4/45

Out: 2871.429+/-0.374 χ^2/NDF:1140415.3/50

All: 2883.218+/-0.270 χ^2/NDF: 2129059.4/96

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 8259.140+/-7354.290 χ^2/NDF: 5.3/5

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -63.019+/-29.129 χ^2/NDF: 10.8/7

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

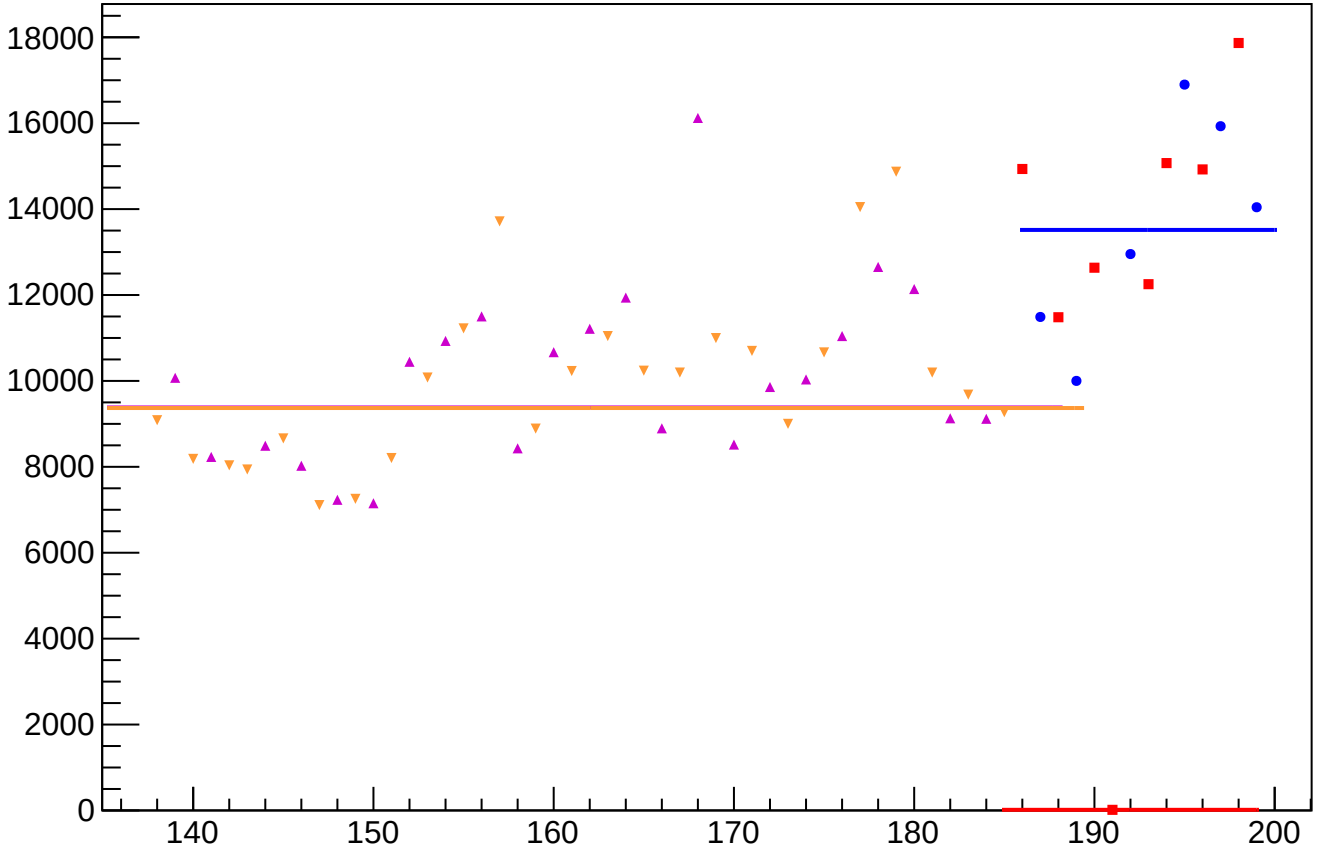
Right: -62.889+/-29.129 χ^2/NDF: 17.4/13

In: 700.990+/-2178.117 χ^2/NDF:22.6/28

Out: -62.853+/-29.127 χ^2/NDF:39.8/32

All: -62.717+/-29.124 χ^2/NDF: 62.4/61

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 13515.226+/-5.200 χ^2/NDF: 225978.7/5

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.724+/-0.021 χ^2/NDF: 9362754.2/7

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

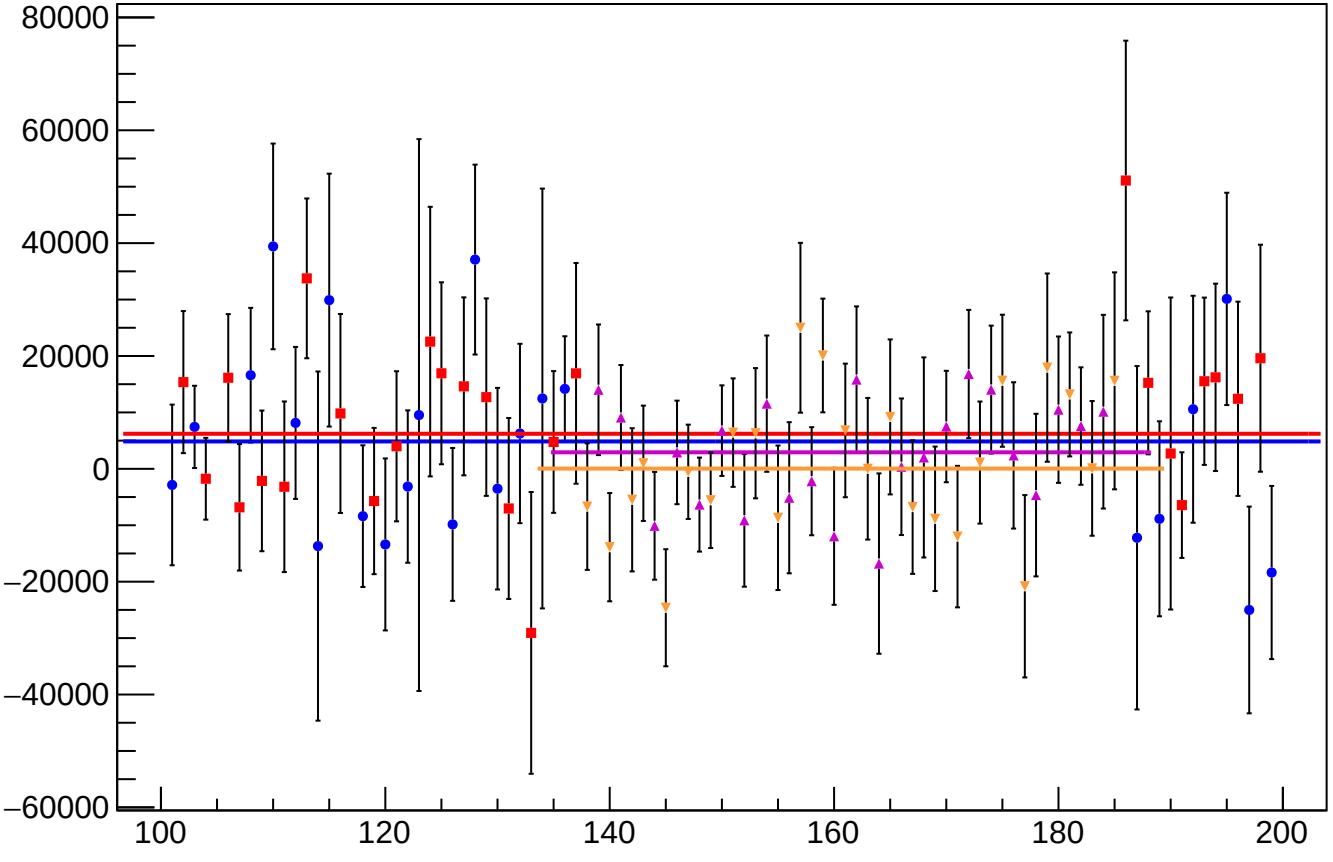
Right: 14.936+/-0.021 χ^2/NDF: 16328447.4/13

In: 9745.215+/-1.540 χ^2/NDF:2007735.4/28

Out: 16.307+/-0.021 χ^2/NDF:45456910.1/32

All: 18.046+/-0.021 χ^2/NDF: 87359611.6/61

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4856.861+/-3099.131 χ^2/NDF: 23.4/22

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 6212.509+/-2734.845 χ^2/NDF: 20.7/25

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

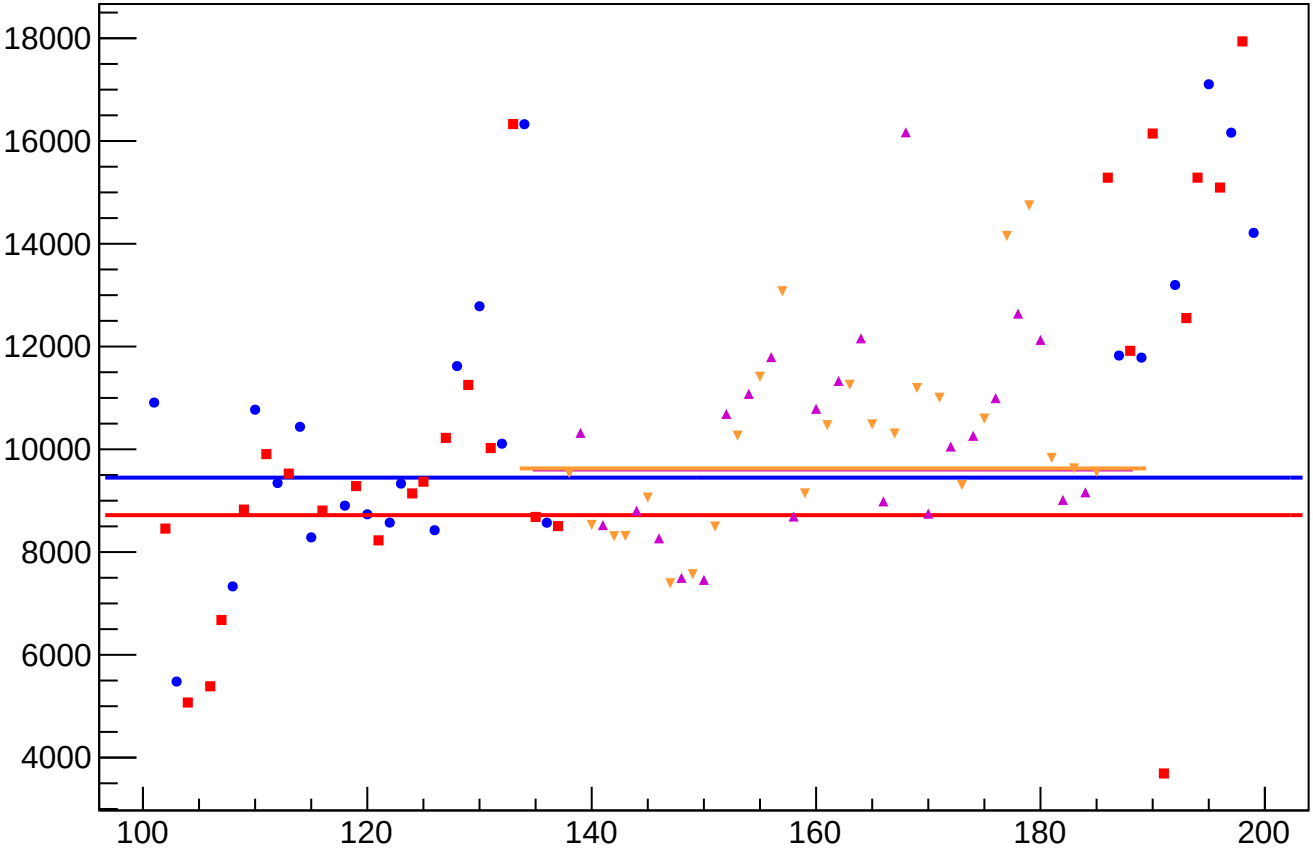
Right: 5619.006+/-2050.586 χ^2/NDF: 44.2/48

In: 3623.198+/-1862.668 χ^2/NDF:38.3/45

Out: 2587.107+/-1756.151 χ^2/NDF:49.5/50

All: 3074.683+/-1277.784 χ^2/NDF: 88.0/96

asym_atr2_rms vs Slug, Sign Corrected



Right In: 9448.939+/-2.191 χ^2/NDF: 1825849.5/22

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8718.393+/-1.934 χ^2/NDF: 3167092.7/25

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

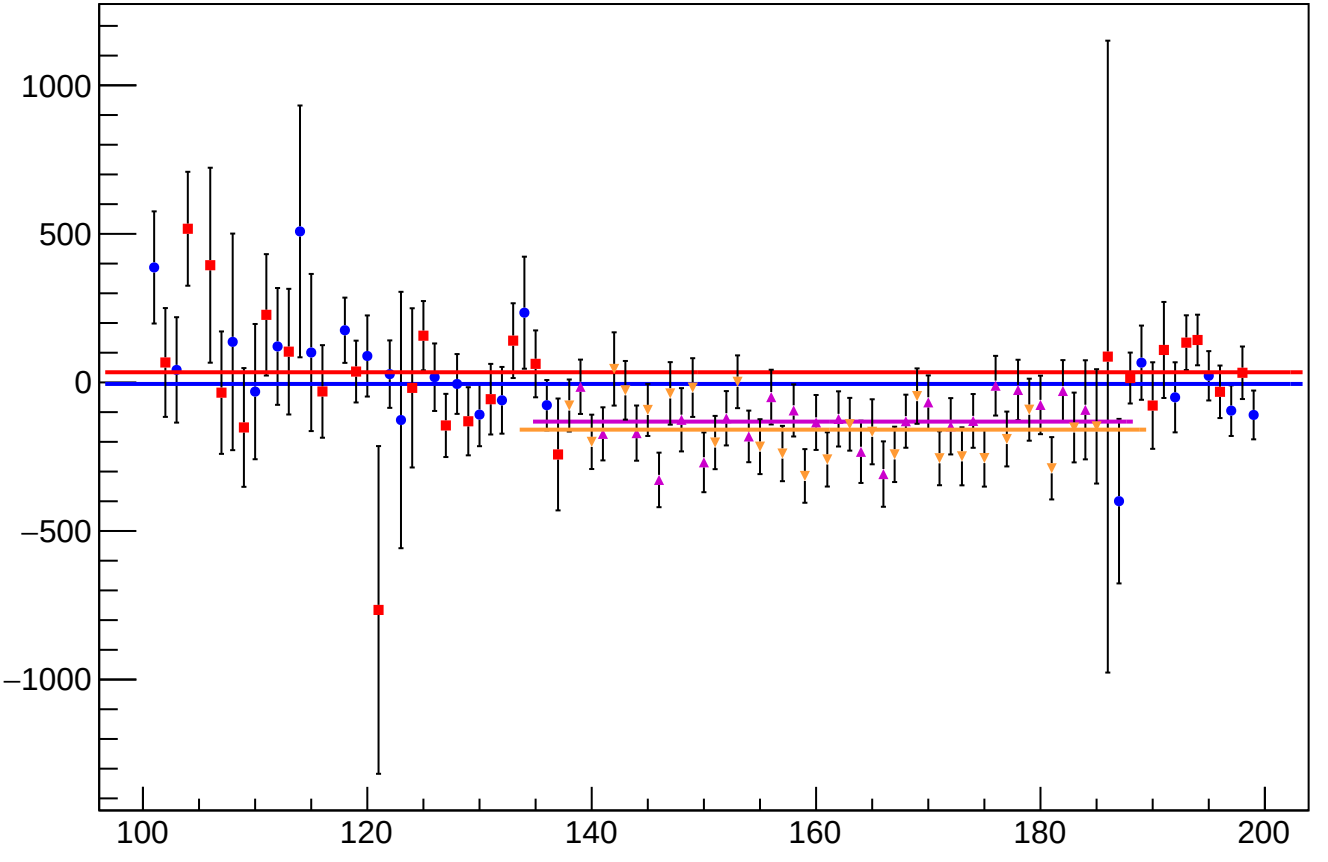
Right: 9038.214+/-1.450 χ^2/NDF: 5055423.3/48

In: 9550.256+/-1.317 χ^2/NDF:2914661.5/45

Out: 9252.811+/-1.242 χ^2/NDF:4301705.4/50

All: 9392.784+/-0.904 χ^2/NDF: 7243367.2/96

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: -5.112+/-26.318 χ^2/NDF: 18.8/22

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 34.242+/-25.602 χ^2/NDF: 25.6/25

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

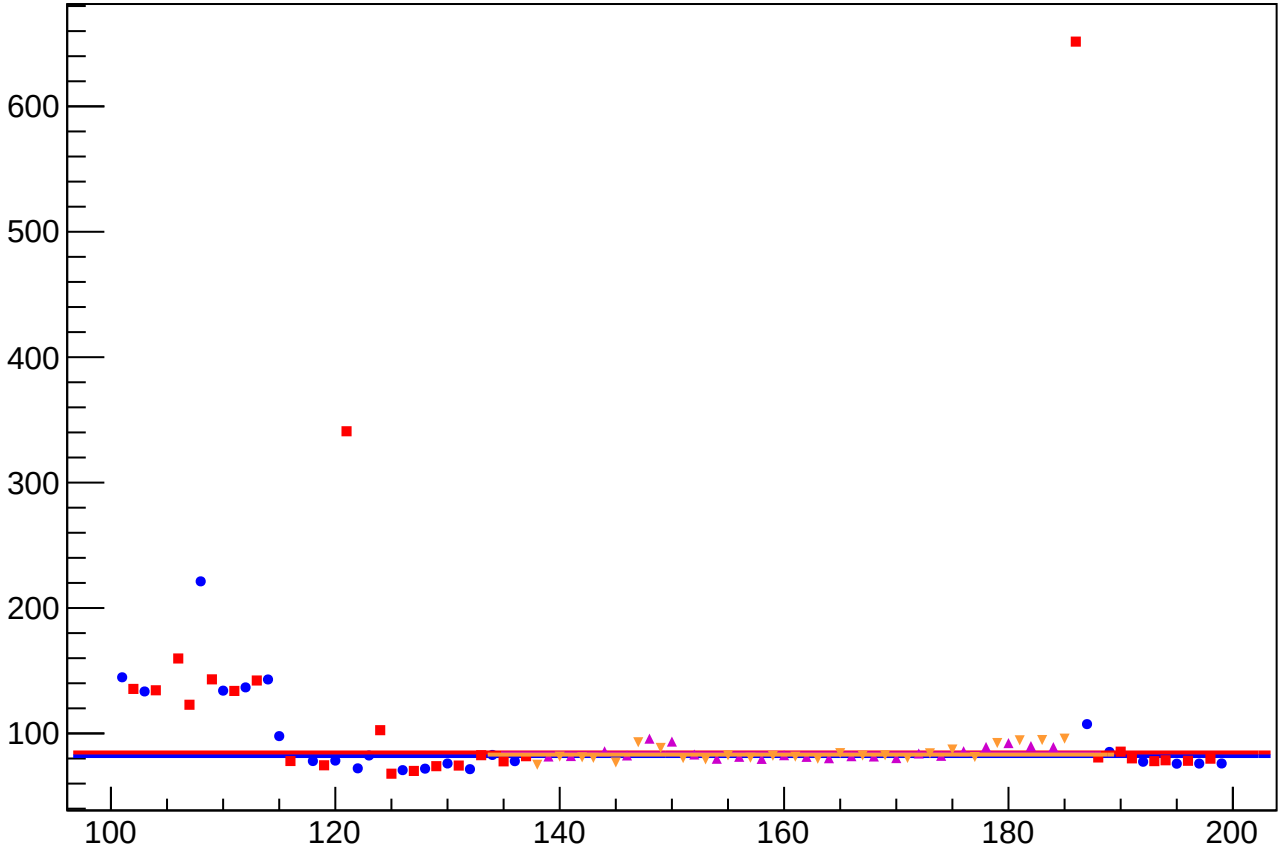
Right: 15.107+/-18.351 χ^2/NDF: 45.6/48

In: -85.248+/-15.962 χ^2/NDF:51.3/45

Out: -88.238+/-15.489 χ^2/NDF:87.5/50

All: -86.788+/-11.116 χ^2/NDF: 138.8/96

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.977+/-0.019 χ^2/NDF: 1130132.7/22

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 84.816+/-0.018 χ^2/NDF: 2092254.4/25

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

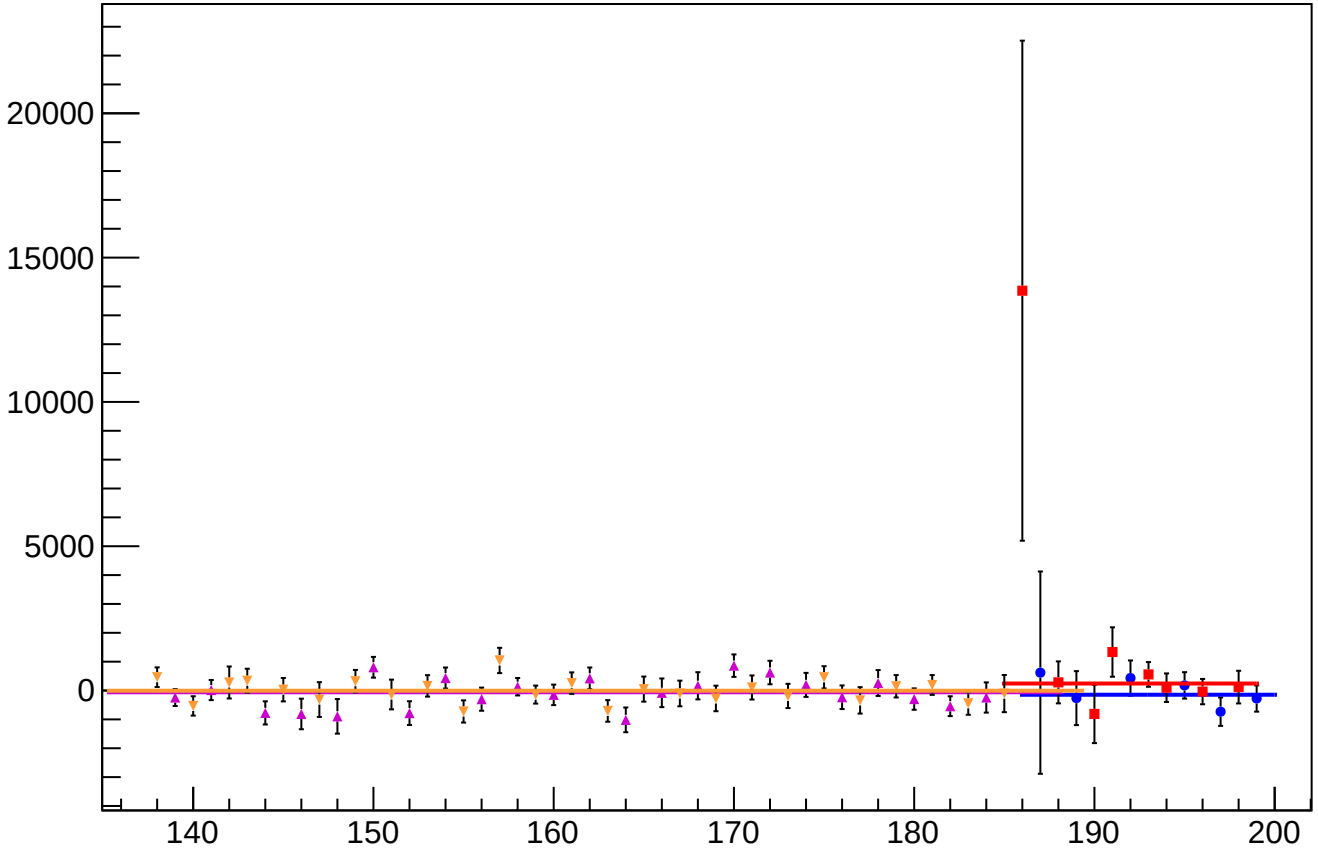
Right: 83.436+/-0.013 χ^2/NDF: 3234337.5/48

In: 83.324+/-0.011 χ^2/NDF:1235356.8/45

Out: 83.745+/-0.011 χ^2/NDF:2236515.5/50

All: 83.541+/-0.008 χ^2/NDF: 3472585.6/96

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -146.158+/-237.828 χ^2/NDF: 3.0/5

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 243.093+/-212.736 χ^2/NDF: 6.3/7

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

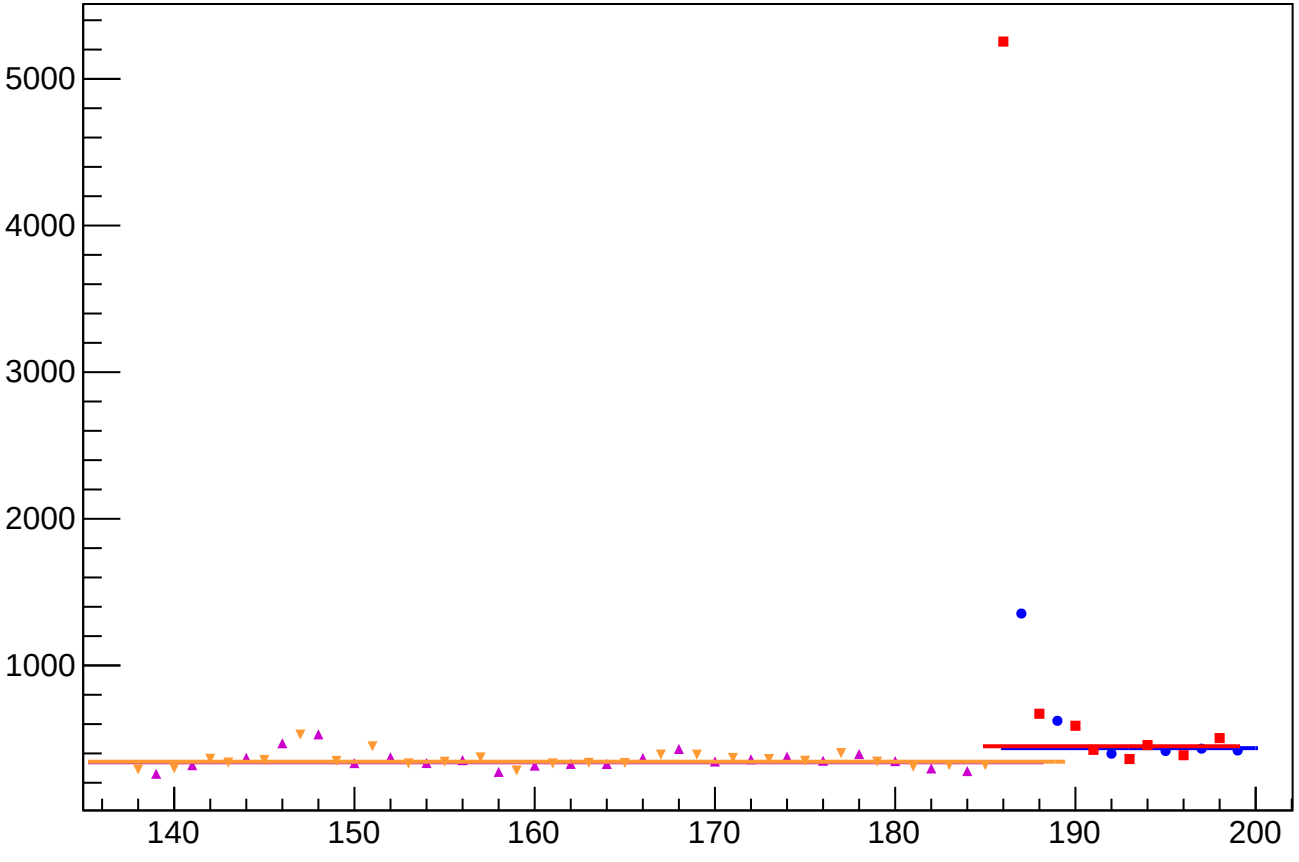
Right: 70.078+/-158.559 χ^2/NDF: 10.7/13

In: -69.138+/-77.561 χ^2/NDF:41.1/28

Out: 25.085+/-75.811 χ^2/NDF:31.9/32

All: -20.951+/-54.214 χ^2/NDF: 73.7/61

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 436.030+/-0.168 χ^2/NDF: 230741.5/5

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 448.930+/-0.150 χ^2/NDF: 982300.9/7

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

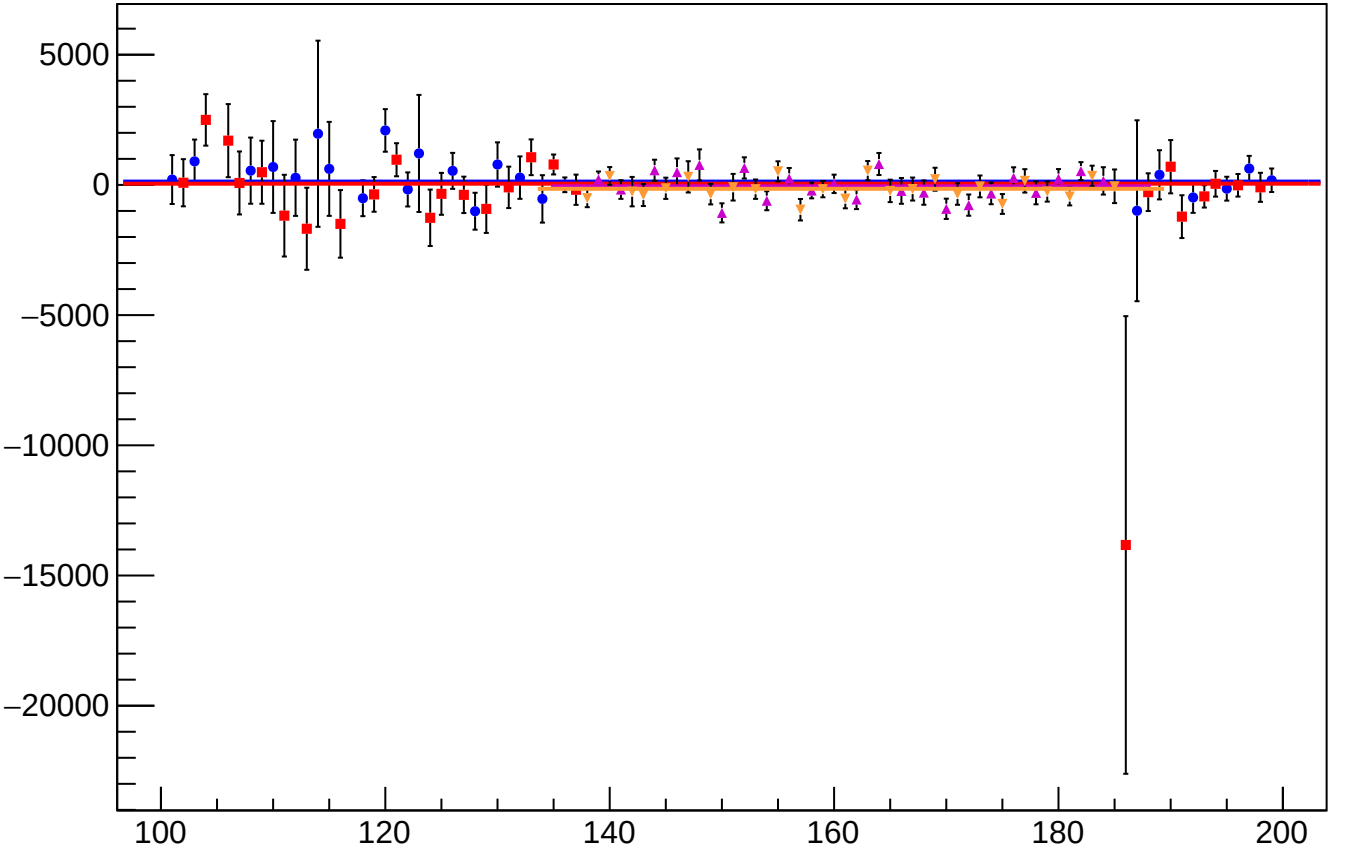
Right: 443.196+/-0.112 χ^2/NDF: 1216311.3/13

In: 350.038+/-0.055 χ^2/NDF:1323075.7/28

Out: 356.994+/-0.054 χ^2/NDF:1981253.2/32

All: 353.595+/-0.038 χ^2/NDF: 3312555.6/61

asym_sam1_mean vs Slug, Sign Corrected



Right In: 127.771+/-142.769 χ^2/NDF: 15.4/22

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 46.834+/-138.915 χ^2/NDF: 29.5/25

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

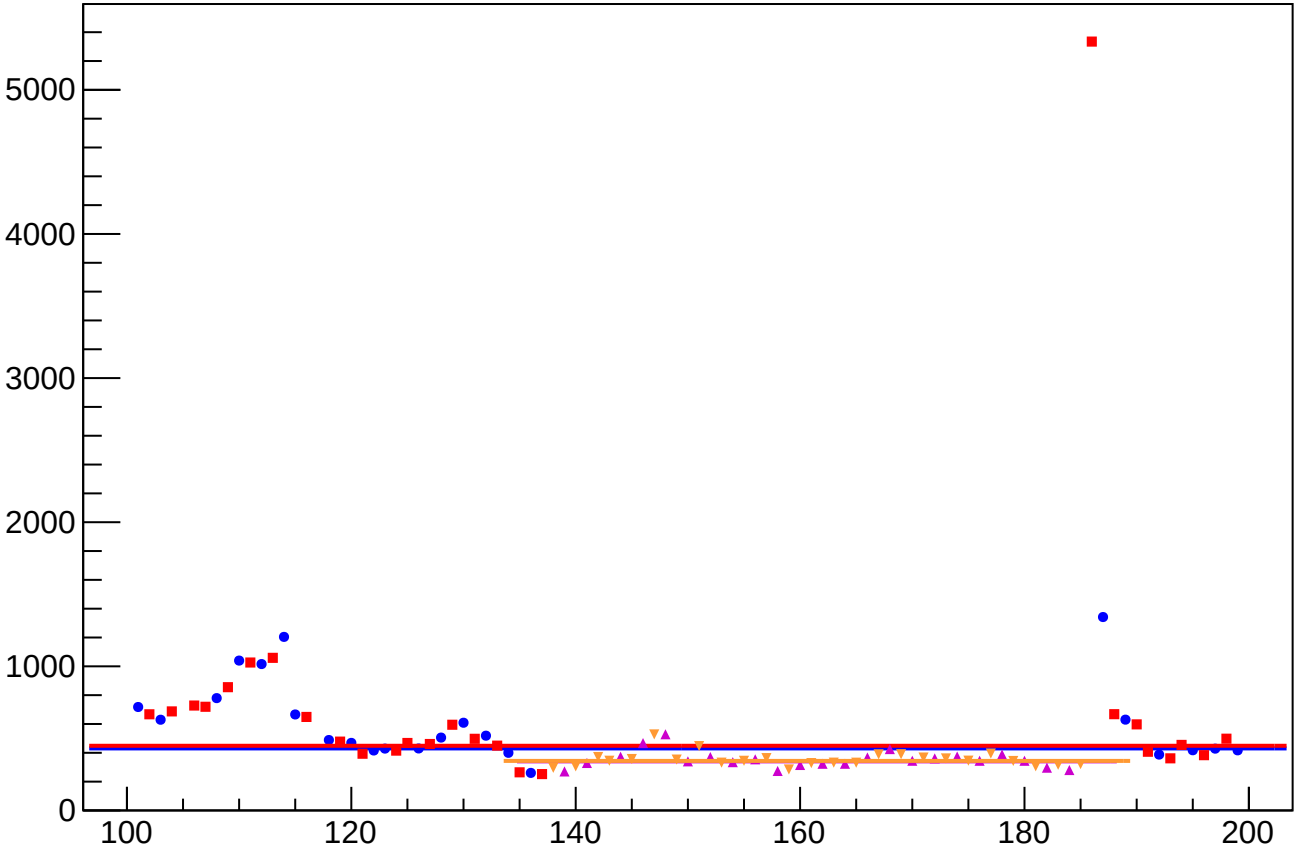
Right: 86.195+/-99.562 χ^2/NDF: 45.1/48

In: -10.587+/-71.207 χ^2/NDF:56.4/45

Out: -99.153+/-69.984 χ^2/NDF:53.0/50

All: -55.637+/-49.913 χ^2/NDF: 110.1/96

asym_sam1_rms vs Slug, Sign Corrected



Right In: 430.361+/-0.101 χ^2/NDF: 2253366.2/22

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 448.794+/-0.098 χ^2/NDF: 3021077.8/25

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

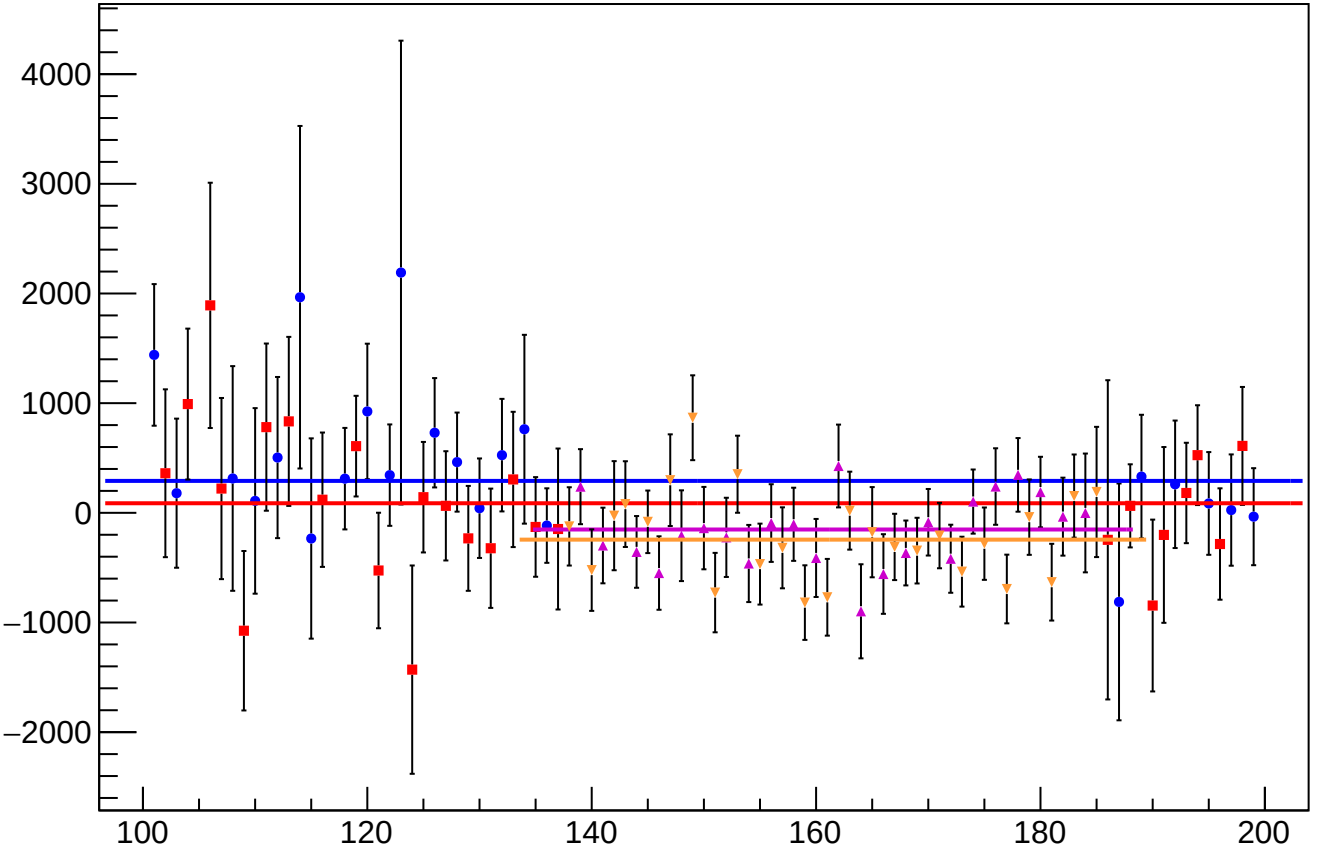
Right: 439.829+/-0.070 χ^2/NDF: 5291568.8/48

In: 362.868+/-0.050 χ^2/NDF:3585390.5/45

Out: 370.420+/-0.049 χ^2/NDF:4413472.1/50

All: 366.710+/-0.035 χ^2/NDF: 8010304.0/96

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 291.143+/-118.946 χ^2/NDF: 11.9/22

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 87.324+/-114.617 χ^2/NDF: 19.5/25

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

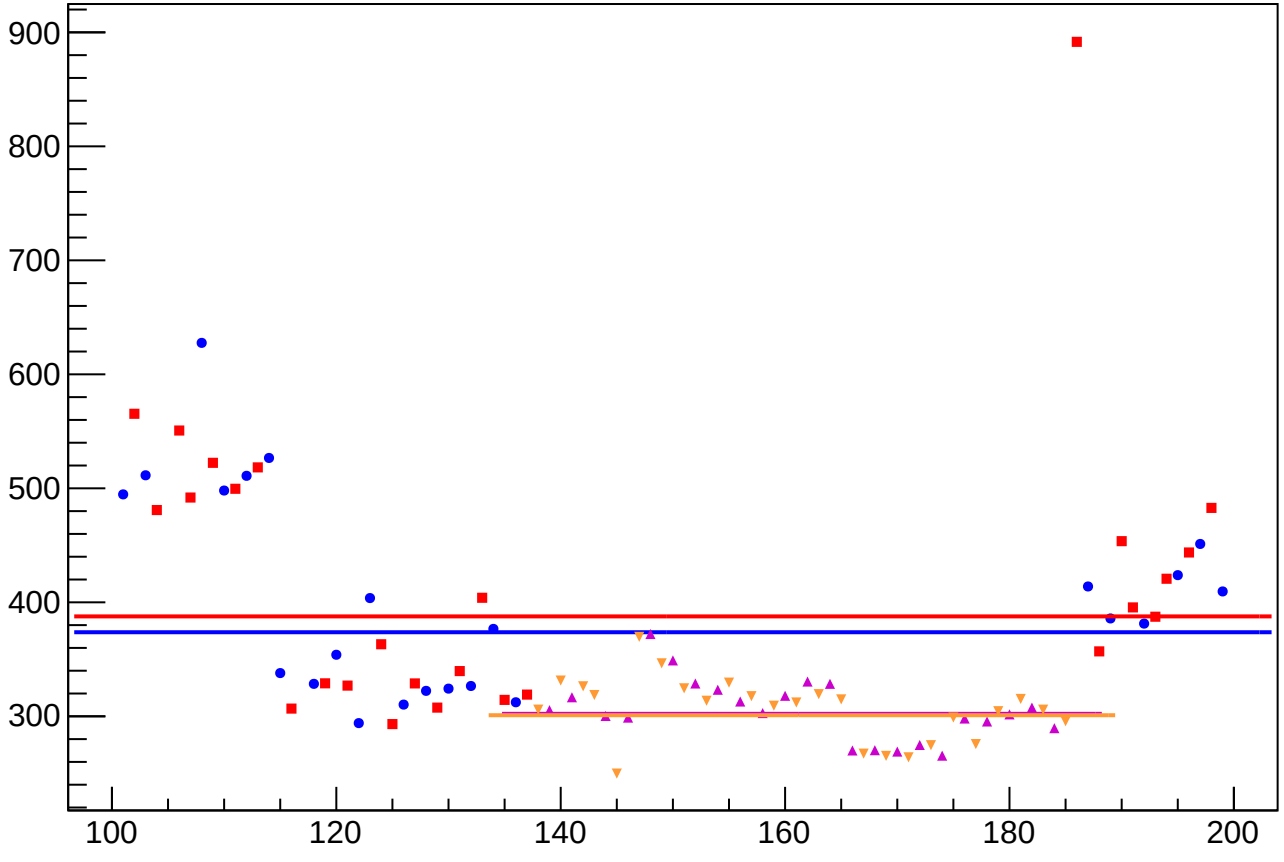
Right: 185.457+/-82.534 χ^2/NDF: 33.0/48

In: -32.437+/-61.789 χ^2/NDF:40.2/45

Out: -153.133+/-60.134 χ^2/NDF:54.5/50

All: -94.424+/-43.094 χ^2/NDF: 96.7/96

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 373.752+/-0.084 χ^2/NDF: 742221.6/22

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 387.648+/-0.081 χ^2/NDF: 1089453.0/25

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

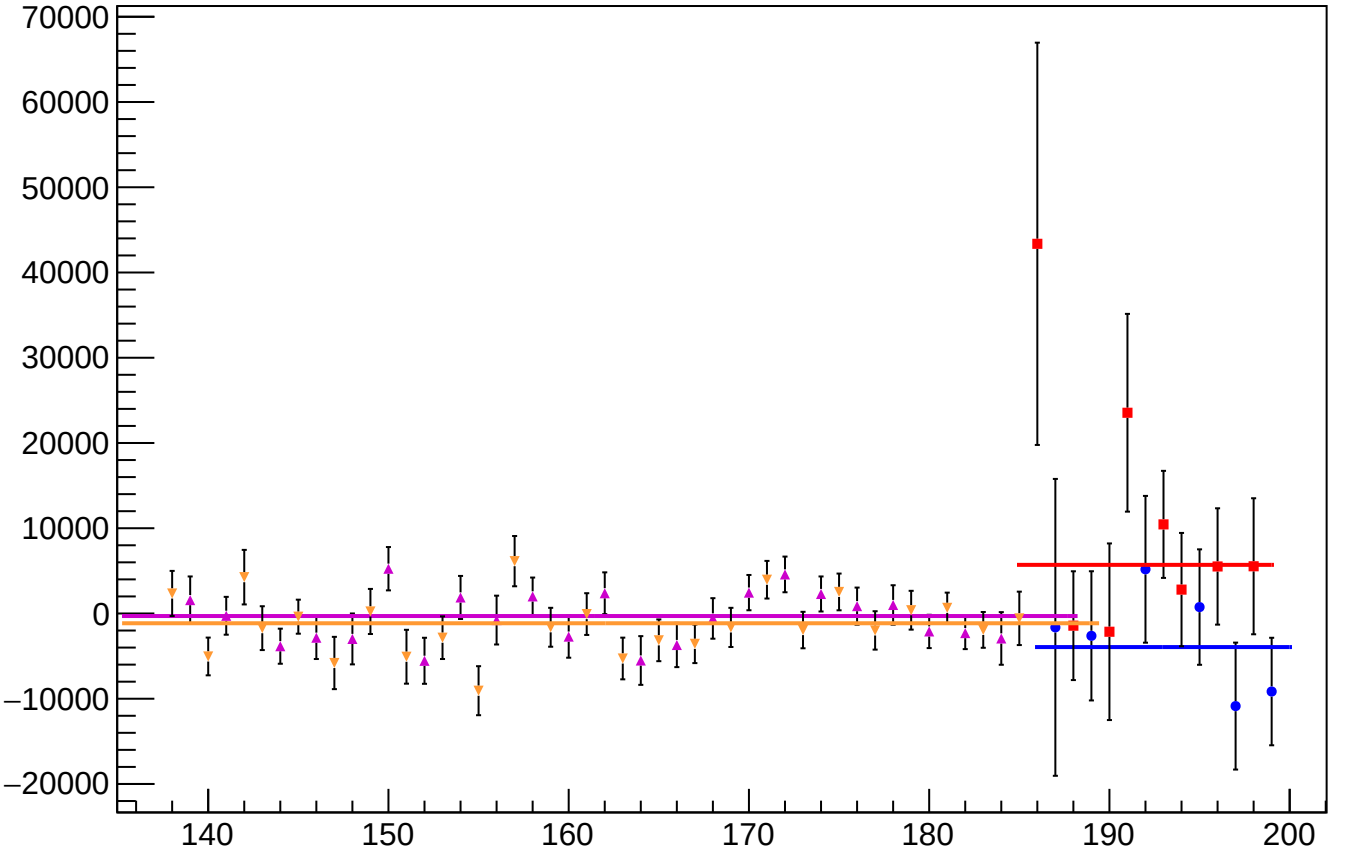
Right: 380.957+/-0.058 χ^2/NDF: 1845828.4/48

In: 321.494+/-0.044 χ^2/NDF:1518415.7/45

Out: 324.822+/-0.043 χ^2/NDF:2240789.0/50

All: 323.203+/-0.030 χ^2/NDF: 3762184.8/96

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -3940.791+/-3175.022 χ^2/NDF: 3.2/5

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 5703.830+/-2792.210 χ^2/NDF: 7.5/7

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

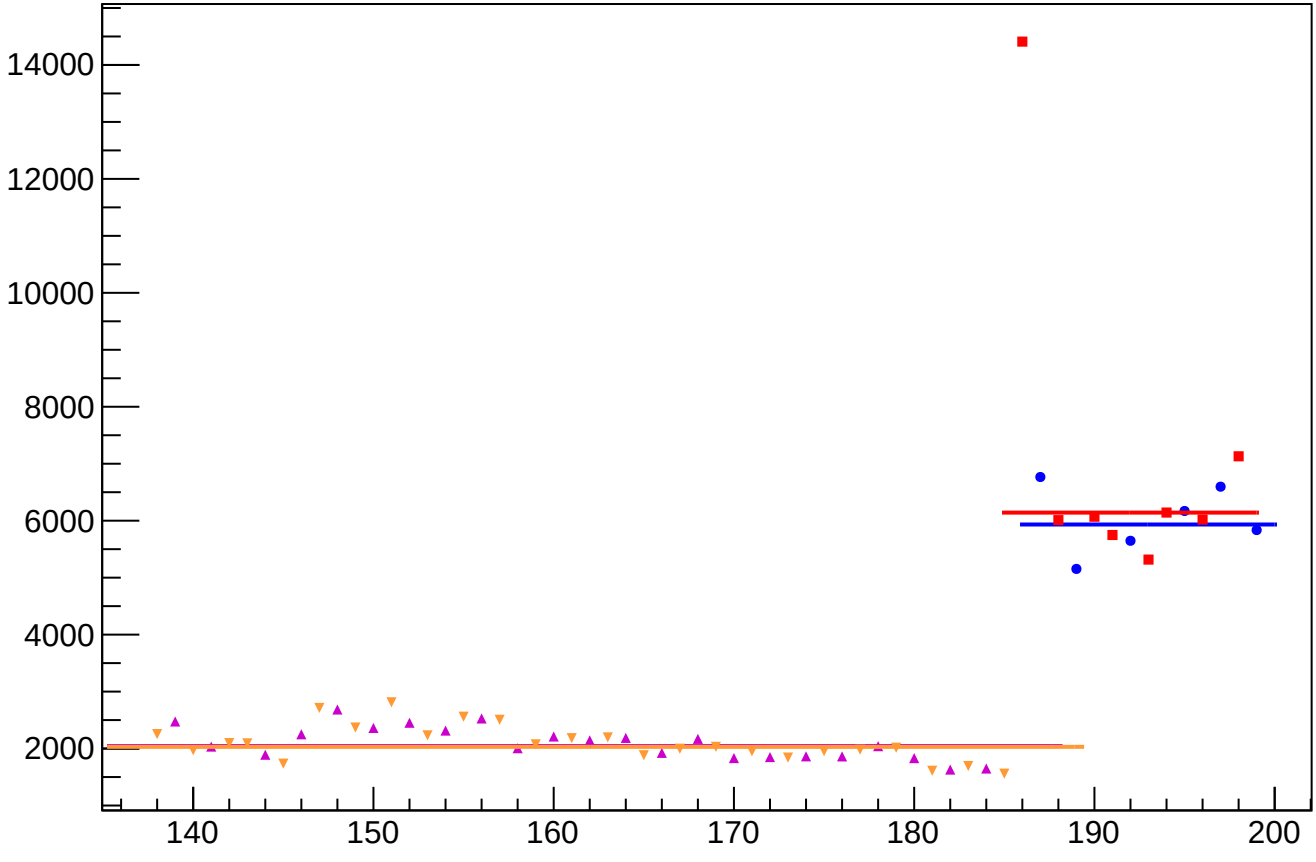
Right: 1497.709+/-2096.742 χ^2/NDF: 15.9/13

In: -384.137+/-485.691 χ^2/NDF:39.4/28

Out: -949.877+/-473.013 χ^2/NDF:54.6/32

All: -674.487+/-338.864 χ^2/NDF: 94.8/61

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5933.226+/-2.245 χ^2/NDF: 46788.8/5

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6142.044+/-1.974 χ^2/NDF: 314650.3/7

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

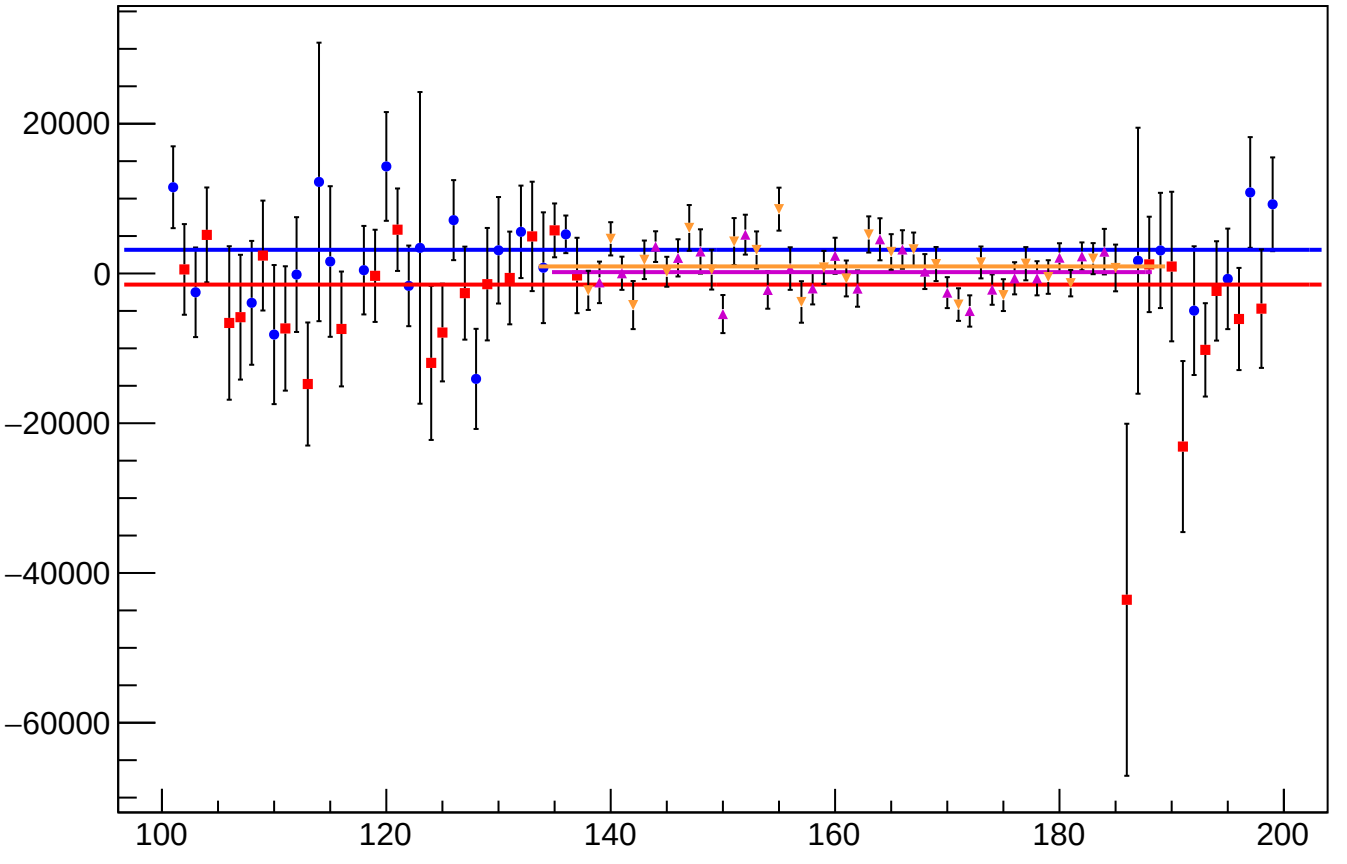
Right: 6050.976+/-1.483 χ^2/NDF: 366317.3/13

In: 2135.065+/-0.343 χ^2/NDF:3547993.7/28

Out: 2148.181+/-0.334 χ^2/NDF:5229924.7/32

All: 2141.797+/-0.240 χ^2/NDF: 8778667.0/61

asym_sam2_mean vs Slug, Sign Corrected



Right In: 3162.183+/-1311.364 χ^2/NDF: 20.6/22

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -1483.699+/-1326.157 χ^2/NDF: 24.1/25

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

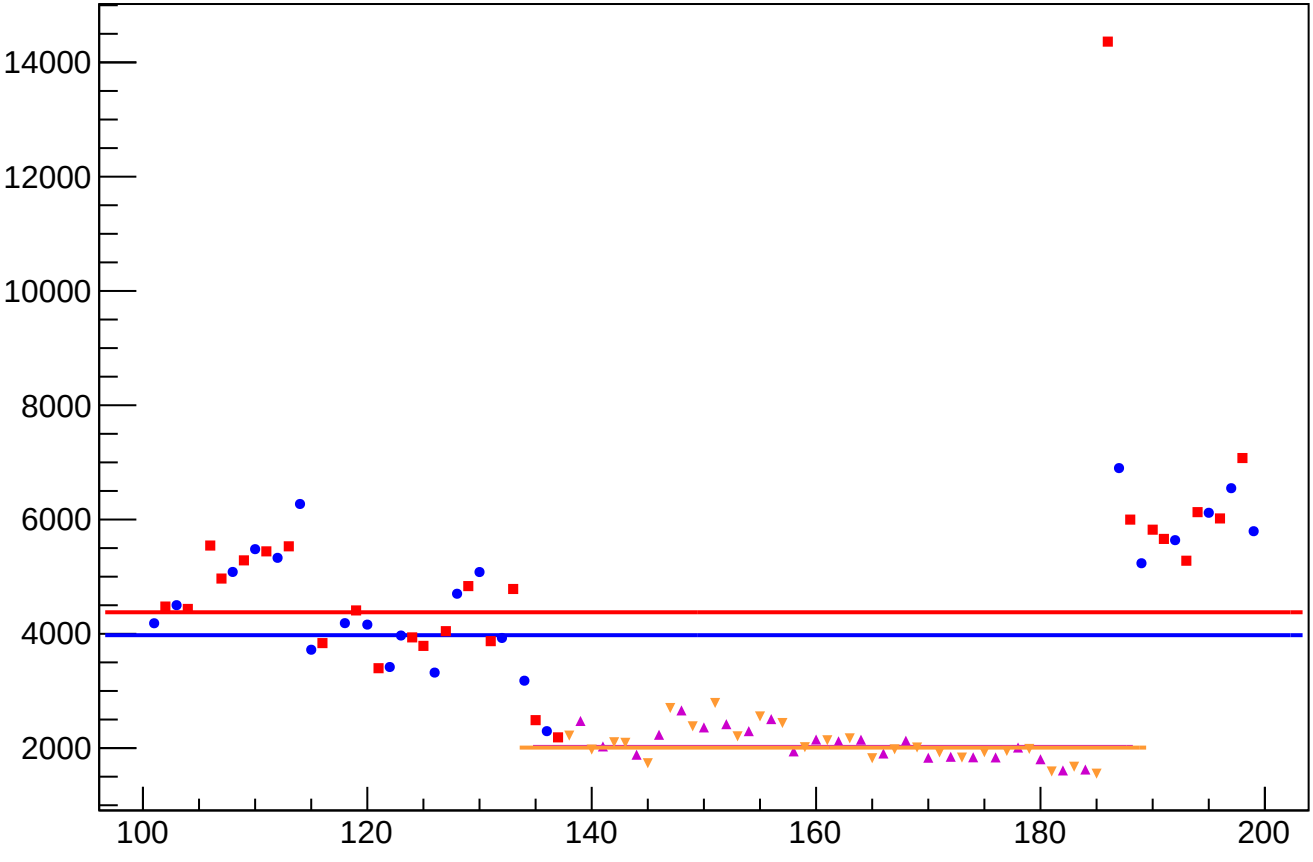
Right: 865.299+/-932.460 χ^2/NDF: 50.9/48

In: 540.358+/-455.803 χ^2/NDF:58.1/45

Out: 667.452+/-446.712 χ^2/NDF:65.3/50

All: 605.185+/-319.039 χ^2/NDF: 123.5/96

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3976.116+/-0.927 χ^2/NDF: 2042287.6/22

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4377.173+/-0.938 χ^2/NDF: 2282143.1/25

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

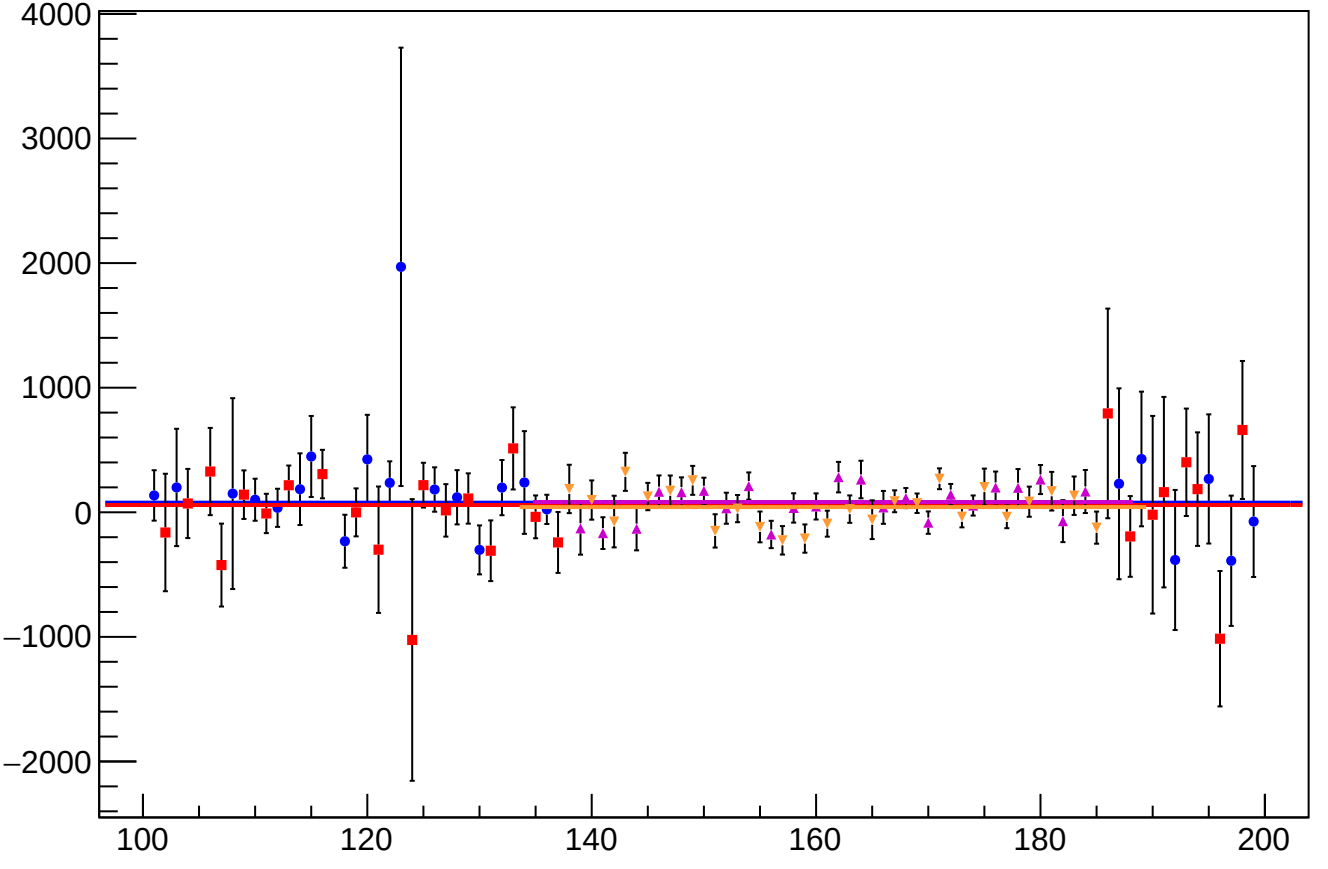
Right: 4174.395+/-0.659 χ^2/NDF: 4416914.7/48

In: 2257.101+/-0.322 χ^2/NDF:6527607.5/45

Out: 2277.616+/-0.316 χ^2/NDF:8645973.1/50

All: 2267.565+/-0.226 χ^2/NDF: 15175647.2/9

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 77.113+/-50.516 χ^2/NDF: 13.7/22

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 58.326+/-50.975 χ^2/NDF: 21.5/25

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

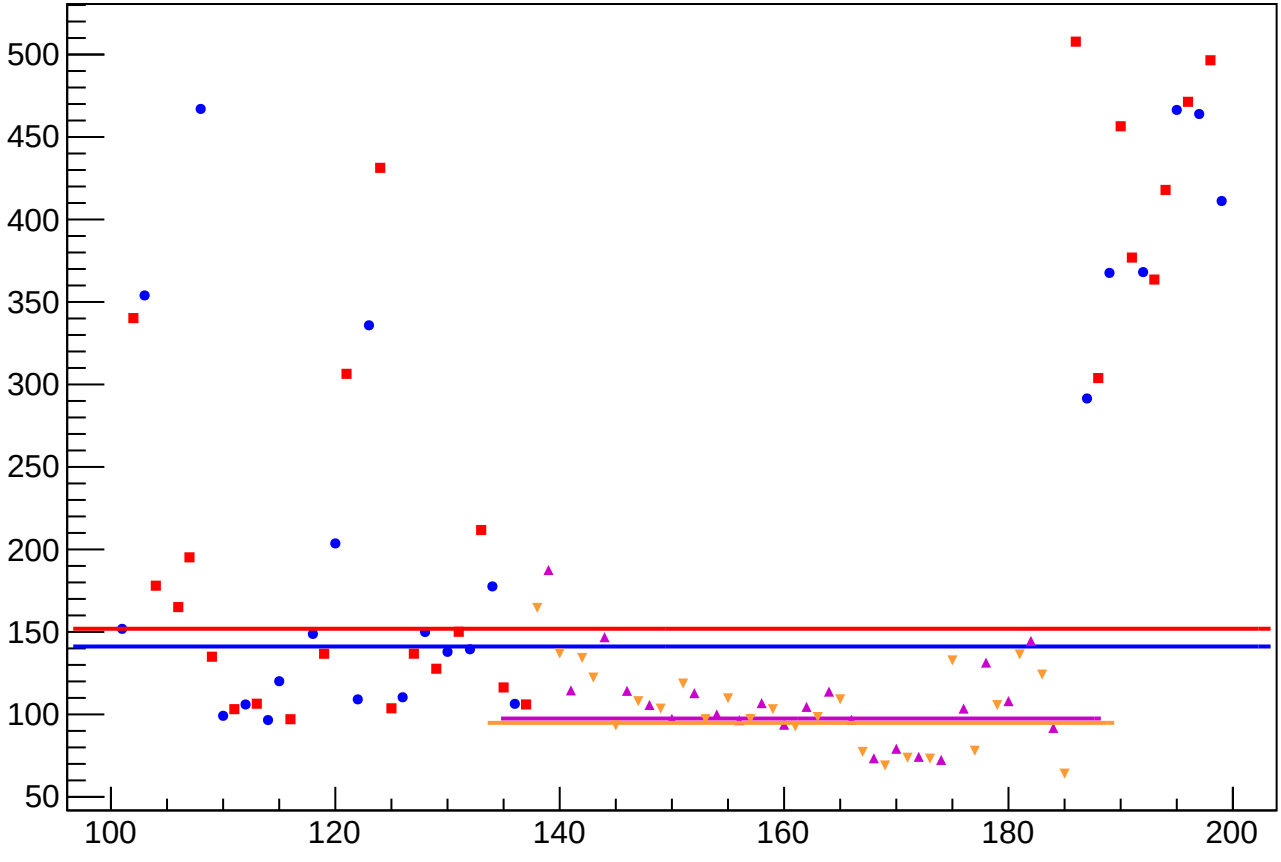
Right: 67.805+/-35.881 χ^2/NDF: 35.3/48

In: 81.603+/-21.791 χ^2/NDF:42.3/45

Out: 44.642+/-20.992 χ^2/NDF:60.7/50

All: 62.432+/-15.118 χ^2/NDF: 104.5/96

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 141.171+/-0.036 χ^2/NDF: 4514191.5/22

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 151.926+/-0.036 χ^2/NDF: 5523727.1/25

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

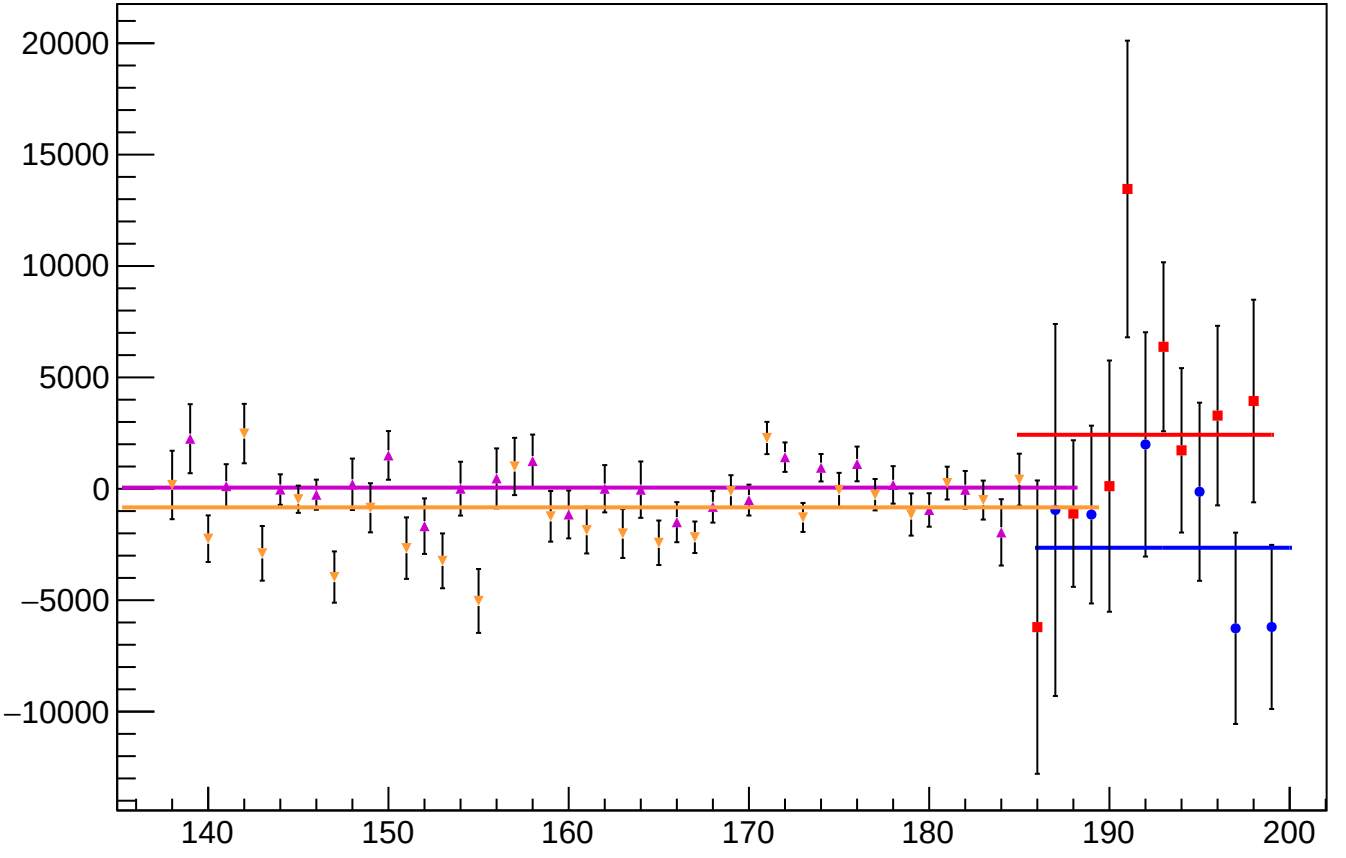
Right: 146.500+/-0.025 χ^2/NDF: 10082840.7/48

In: 105.625+/-0.015 χ^2/NDF:7292175.8/45

Out: 104.559+/-0.015 χ^2/NDF:9400155.6/50

All: 105.072+/-0.011 χ^2/NDF: 16694812.7/96

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -2645.627+/-1804.512 χ^2/NDF: 3.1/5

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 2425.059+/-1538.778 χ^2/NDF: 7.1/7

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

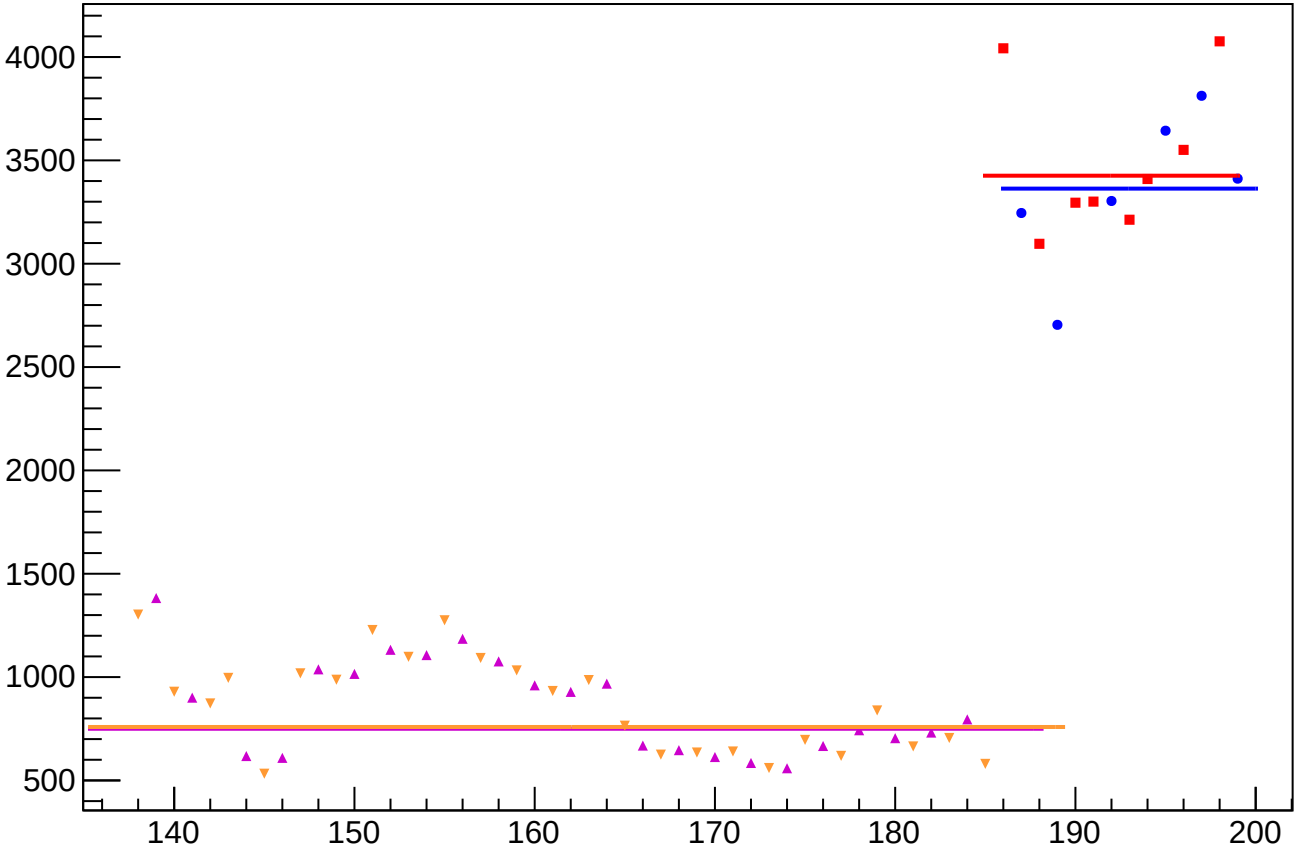
Right: 290.219+/-1170.871 χ^2/NDF: 14.7/13

In: 24.976+/-183.908 χ^2/NDF:30.6/28

Out: -786.677+/-182.660 χ^2/NDF:80.3/32

All: -383.614+/-129.599 χ^2/NDF: 120.7/61

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 3363.357+/-1.276 χ^2/NDF: 87270.2/5

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3425.848+/-1.088 χ^2/NDF: 88517.7/7

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

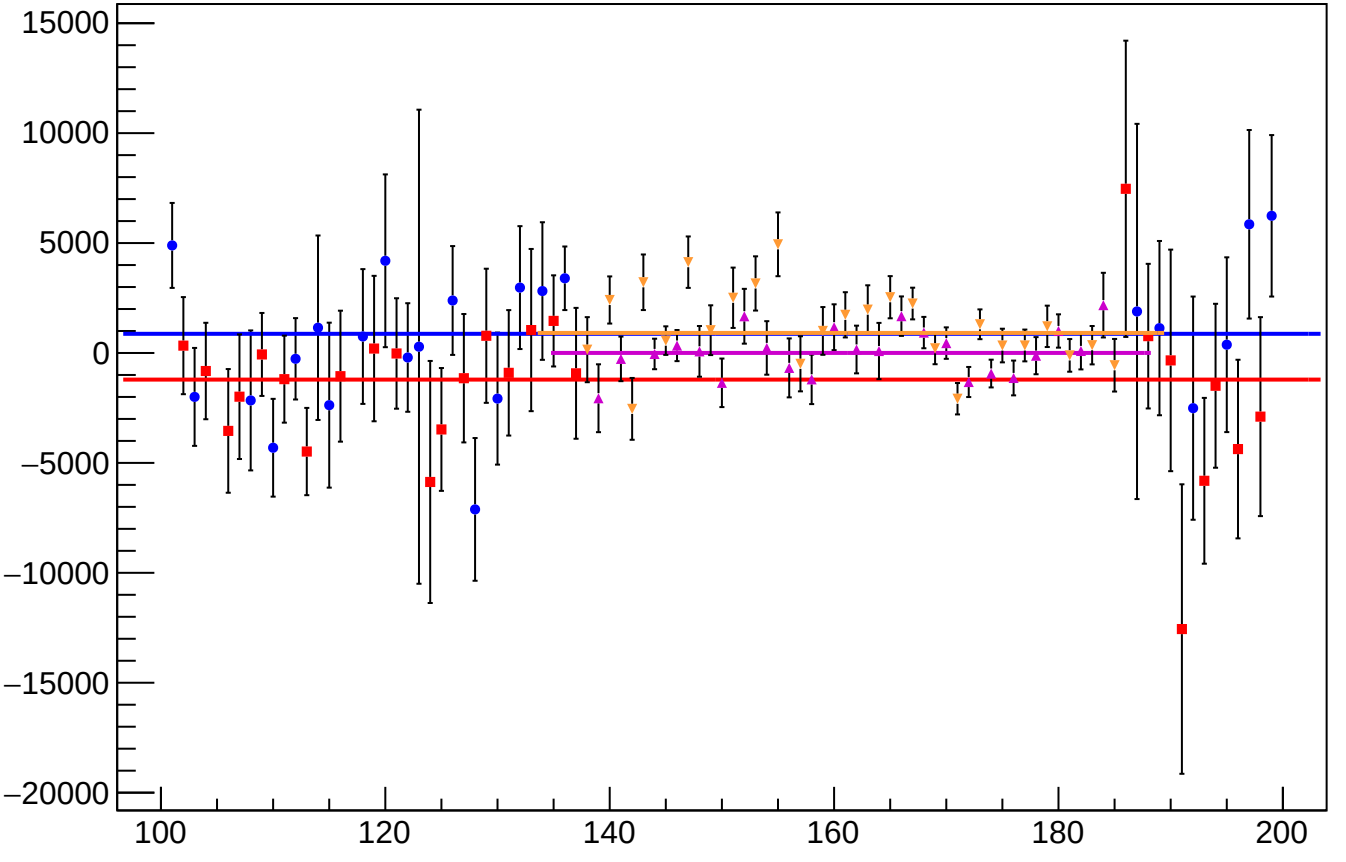
Right: 3399.538+/-0.828 χ^2/NDF: 177176.6/13

In: 777.140+/-0.130 χ^2/NDF:6425117.1/28

Out: 796.191+/-0.129 χ^2/NDF:8466563.2/32

All: 786.730+/-0.092 χ^2/NDF: 14902484.6/61

asym_sam3_mean vs Slug, Sign Corrected



Right In: 871.964+/-585.286 χ^2/NDF: 29.7/22

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1210.672+/-561.428 χ^2/NDF: 15.9/25

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

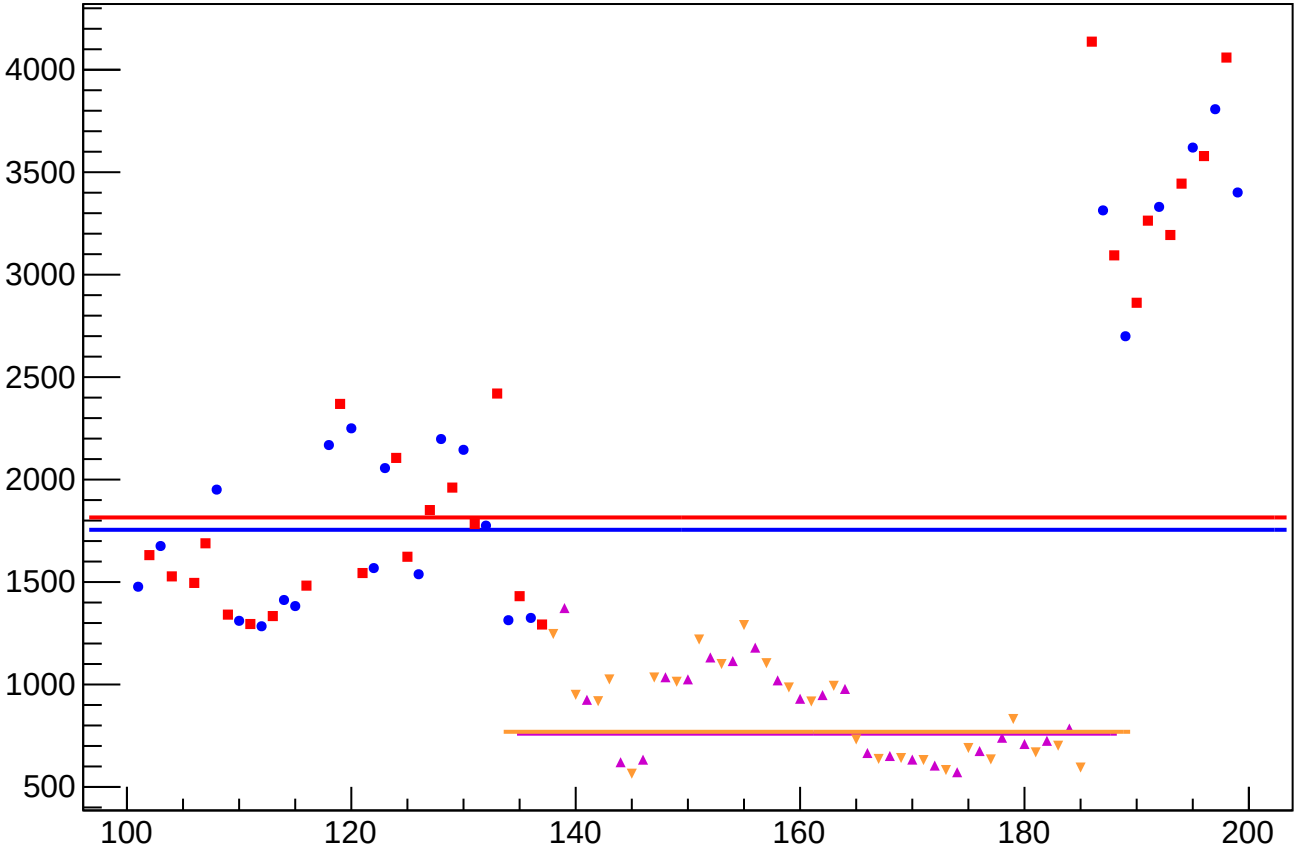
Right: -212.666+/-405.162 χ^2/NDF: 52.2/48

In: 83.219+/-178.363 χ^2/NDF:57.4/45

Out: 701.776+/-176.652 χ^2/NDF:93.7/50

All: 395.480+/-125.512 χ^2/NDF: 157.1/96

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1754.938+/-0.414 χ^2/NDF: 2351228.2/22

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1815.234+/-0.397 χ^2/NDF: 3009566.9/25

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

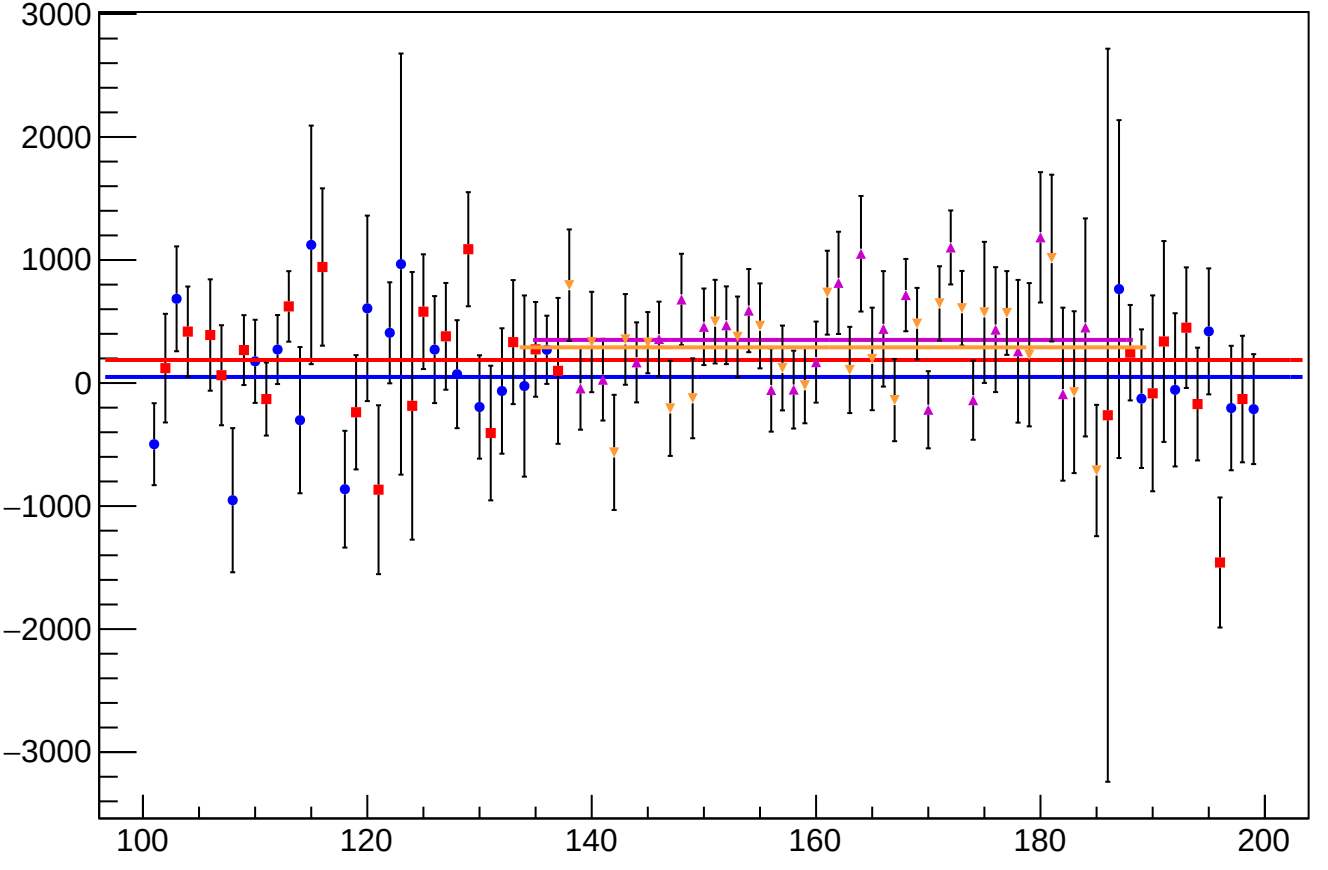
Right: 1786.340+/-0.286 χ^2/NDF: 5371849.7/48

In: 852.341+/-0.126 χ^2/NDF:9609315.8/45

Out: 872.767+/-0.125 χ^2/NDF:11540297.4/50

All: 862.652+/-0.089 χ^2/NDF: 21162854.7/96

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 49.352+/-95.731 χ^2/NDF: 18.3/22

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 187.467+/-88.734 χ^2/NDF: 26.1/25

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

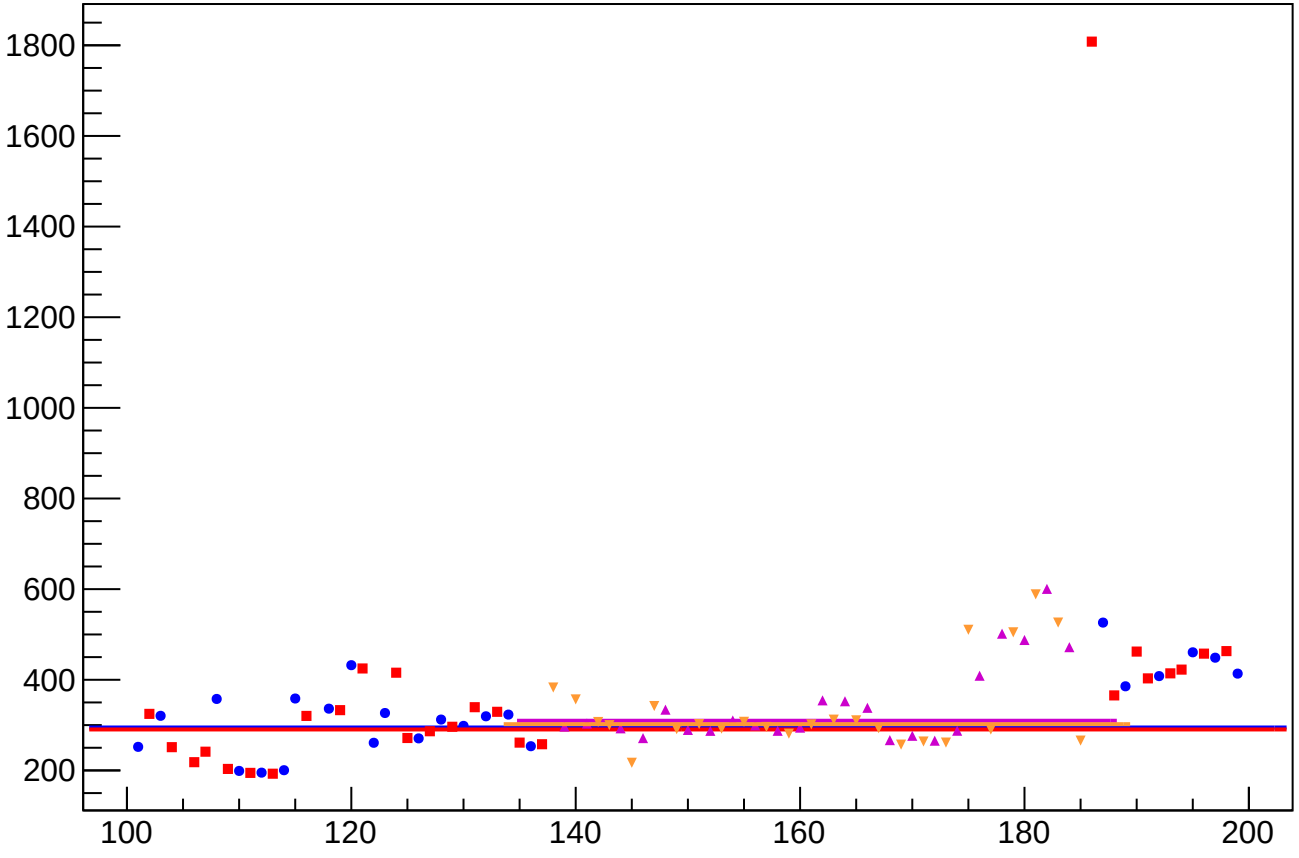
Right: 123.641+/-65.077 χ^2/NDF: 45.5/48

In: 234.256+/-59.480 χ^2/NDF:51.7/45

Out: 248.850+/-56.333 χ^2/NDF:49.3/50

All: 241.950+/-40.901 χ^2/NDF: 101.1/96

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 294.721+/-0.068 χ^2/NDF: 1405335.9/22

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 290.382+/-0.063 χ^2/NDF: 2362560.2/25

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

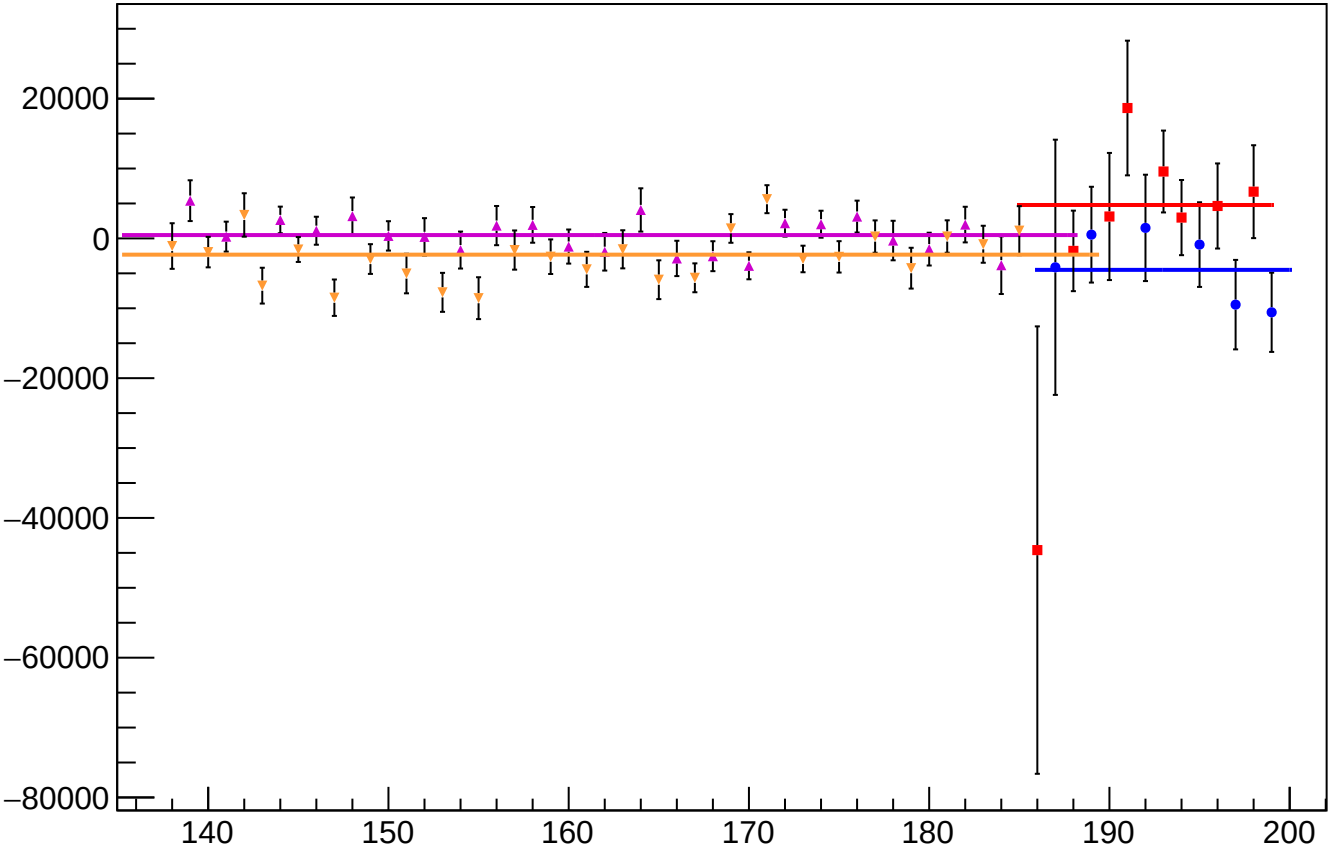
Right: 292.387+/-0.046 χ^2/NDF: 3770106.0/48

In: 303.862+/-0.042 χ^2/NDF:2615317.9/45

Out: 297.342+/-0.040 χ^2/NDF:3980404.6/50

All: 300.425+/-0.029 χ^2/NDF: 6608391.1/96

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -4501.648+/-2835.920 χ^2/NDF: 3.3/5

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 4781.695+/-2444.957 χ^2/NDF: 6.7/7

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

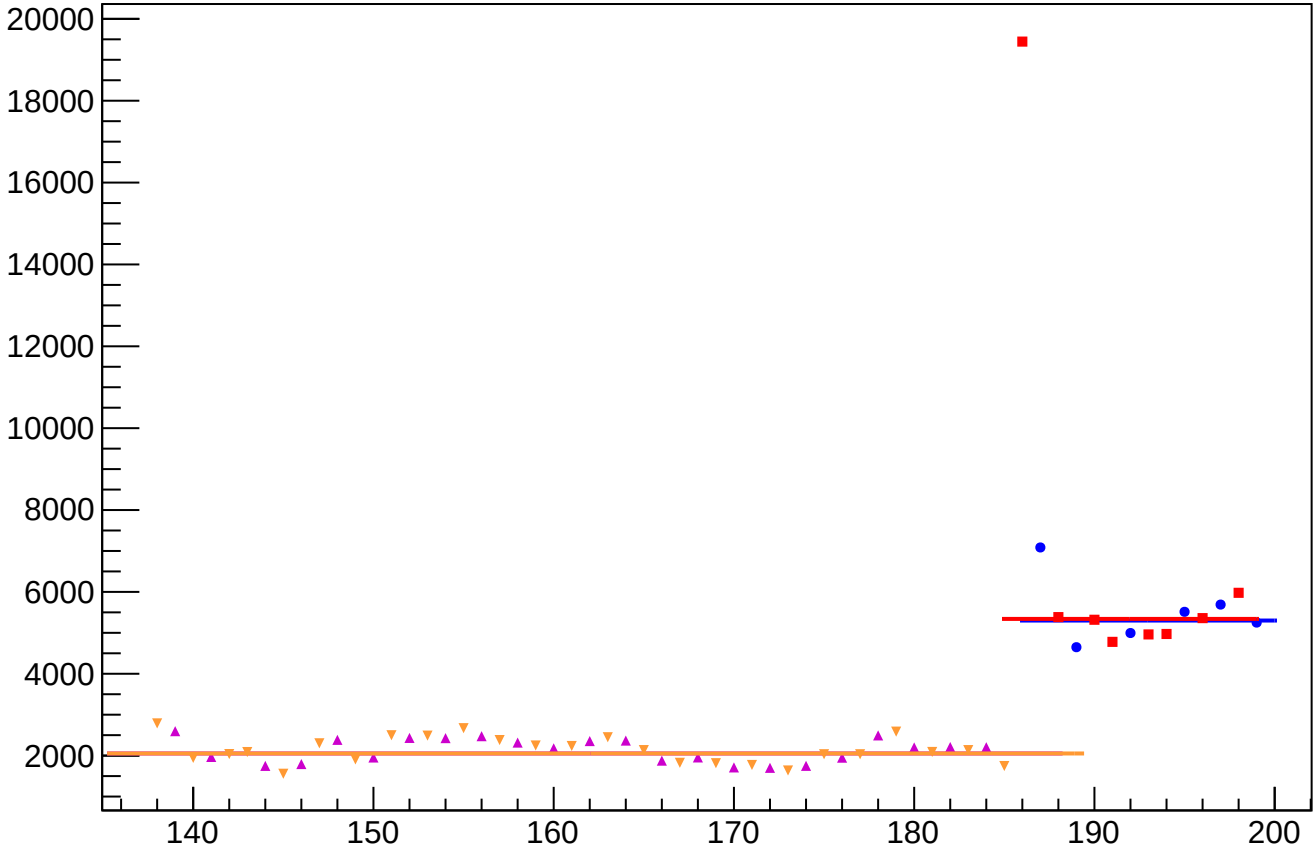
Right: 823.556+/-1851.771 χ^2/NDF: 16.1/13

In: 331.004+/-486.890 χ^2/NDF:29.3/28

Out: -2055.296+/-476.715 χ^2/NDF:64.6/32

All: -887.341+/-340.629 χ^2/NDF: 106.2/61

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 5300.202+/-2.005 χ^2/NDF: 50434.1/5

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5339.973+/-1.729 χ^2/NDF: 431288.4/7

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

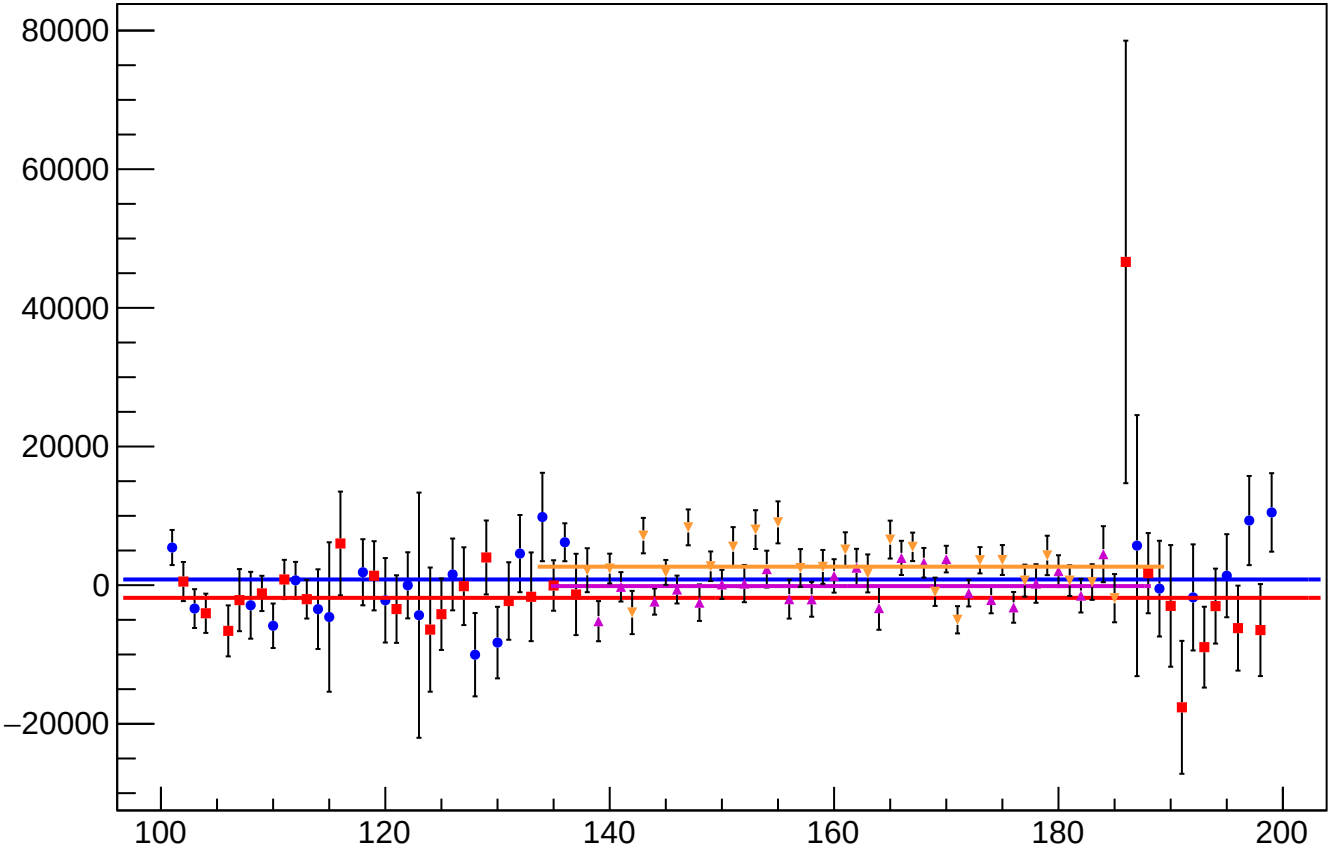
Right: 5323.016+/-1.309 χ^2/NDF: 481948.1/13

In: 2148.118+/-0.344 χ^2/NDF:3250149.3/28

Out: 2177.383+/-0.337 χ^2/NDF:4747920.5/32

All: 2163.059+/-0.241 χ^2/NDF: 8001759.0/61

asym_sam4_mean vs Slug, Sign Corrected



Right In: 823.431+/-936.872 χ^2/NDF: 29.3/22

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1828.527+/-867.921 χ^2/NDF: 15.5/25

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

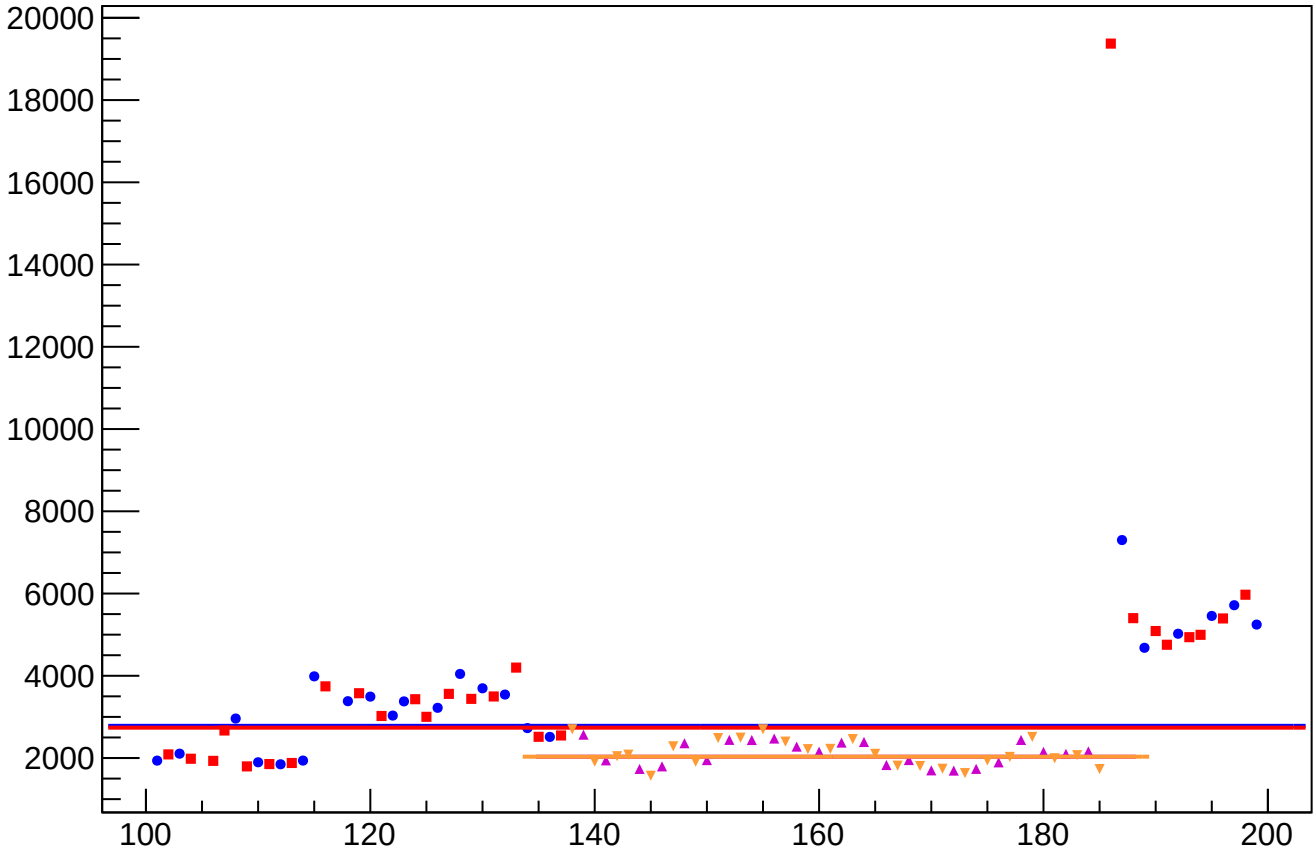
Right: -603.716+/-636.695 χ^2/NDF: 49.1/48

In: 72.814+/-434.026 χ^2/NDF:54.8/45

Out: 1610.857+/-420.687 χ^2/NDF:86.0/50

All: 865.833+/-302.076 χ^2/NDF: 147.3/96

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2782.656+/-0.662 χ^2/NDF: 2728927.3/22

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2738.073+/-0.614 χ^2/NDF: 4032623.2/25

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

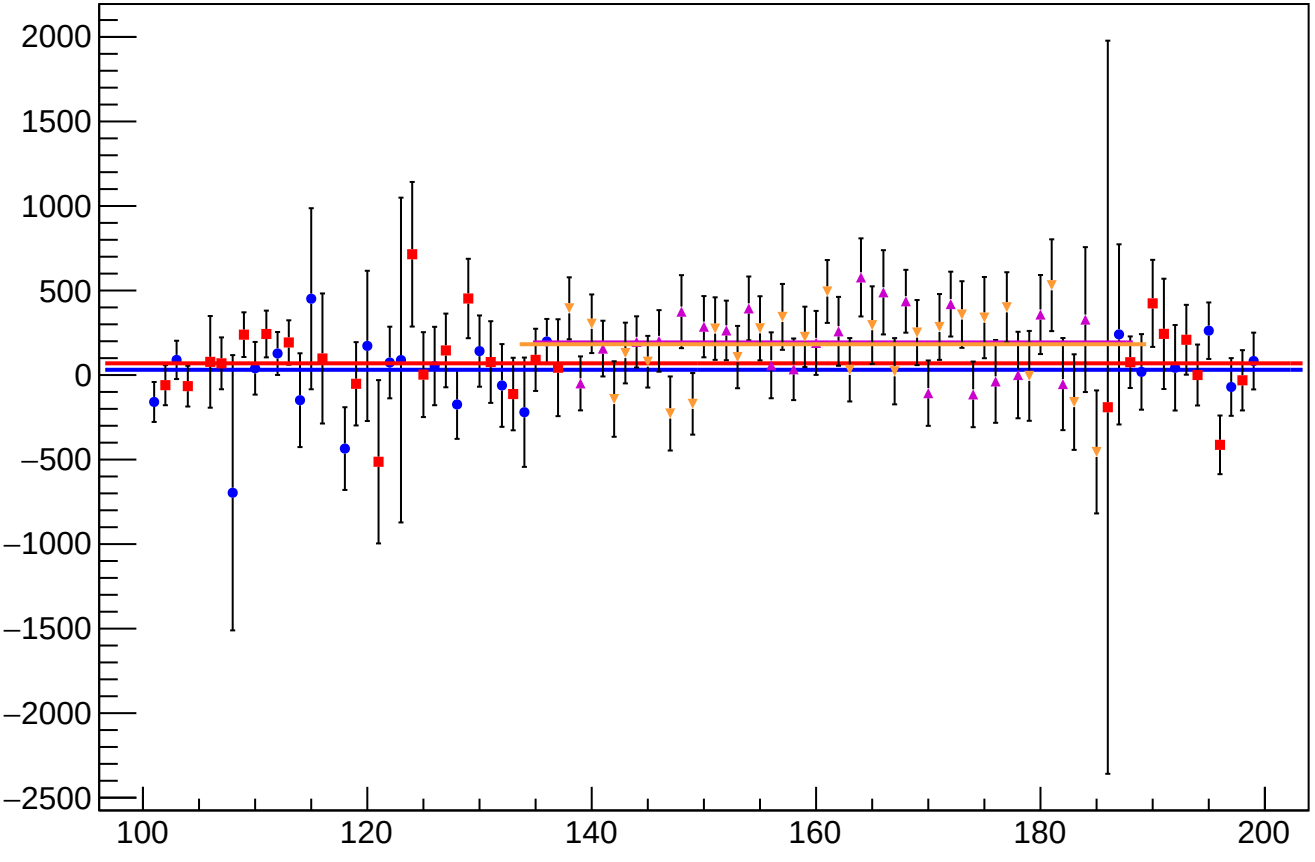
Right: 2758.664+/-0.450 χ^2/NDF: 6763987.8/48

In: 2192.864+/-0.307 χ^2/NDF:4391533.0/45

Out: 2198.269+/-0.297 χ^2/NDF:5868263.0/50

All: 2195.651+/-0.214 χ^2/NDF: 10259956.0/9

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 31.063+/-40.543 χ^2/NDF: 15.2/22

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 69.291+/-37.298 χ^2/NDF: 25.0/25

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

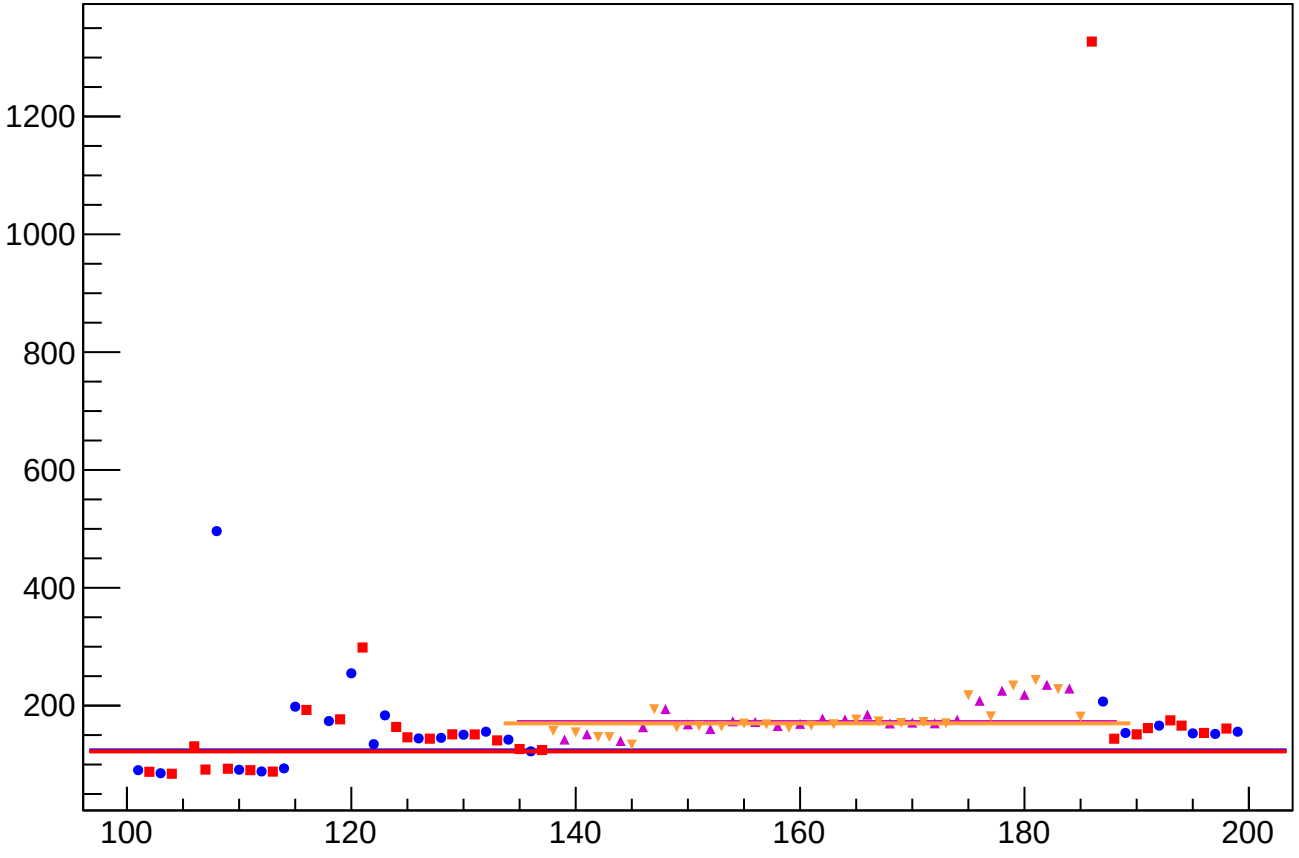
Right: 51.768+/-27.449 χ^2/NDF: 40.6/48

In: 110.369+/-28.961 χ^2/NDF:44.1/45

Out: 121.678+/-27.311 χ^2/NDF:56.1/50

All: 116.355+/-19.870 χ^2/NDF: 100.3/96

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 123.990+/-0.029 χ^2/NDF: 1825405.7/22

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 122.285+/-0.026 χ^2/NDF: 2475406.6/25

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

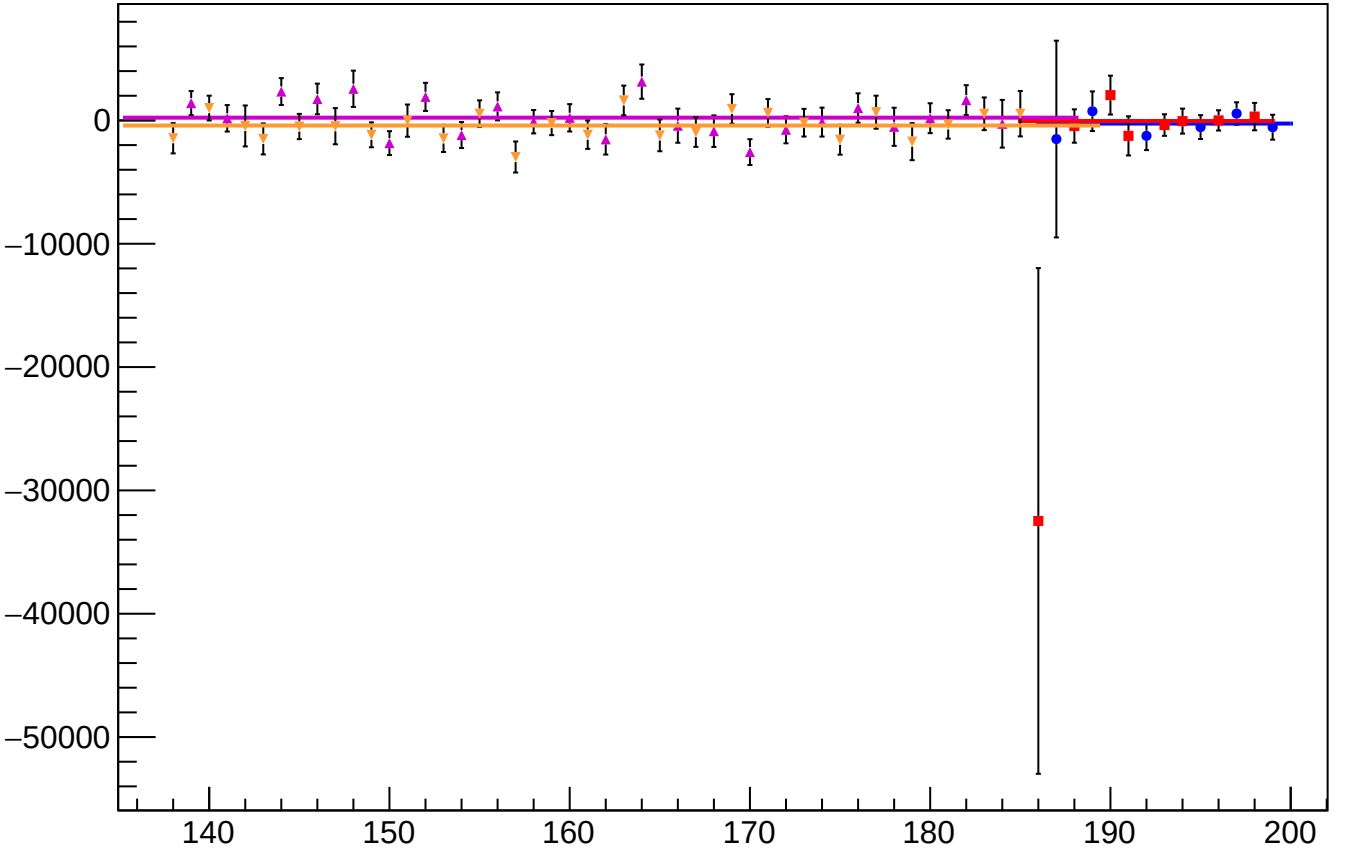
Right: 123.067+/-0.019 χ^2/NDF: 4302726.8/48

In: 147.534+/-0.020 χ^2/NDF:3792368.6/45

Out: 144.373+/-0.019 χ^2/NDF:4650733.2/50

All: 145.861+/-0.014 χ^2/NDF: 8455711.9/96

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -255.074+/-476.672 χ^2/NDF: 2.1/5

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -48.399+/-411.040 χ^2/NDF: 5.2/7

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

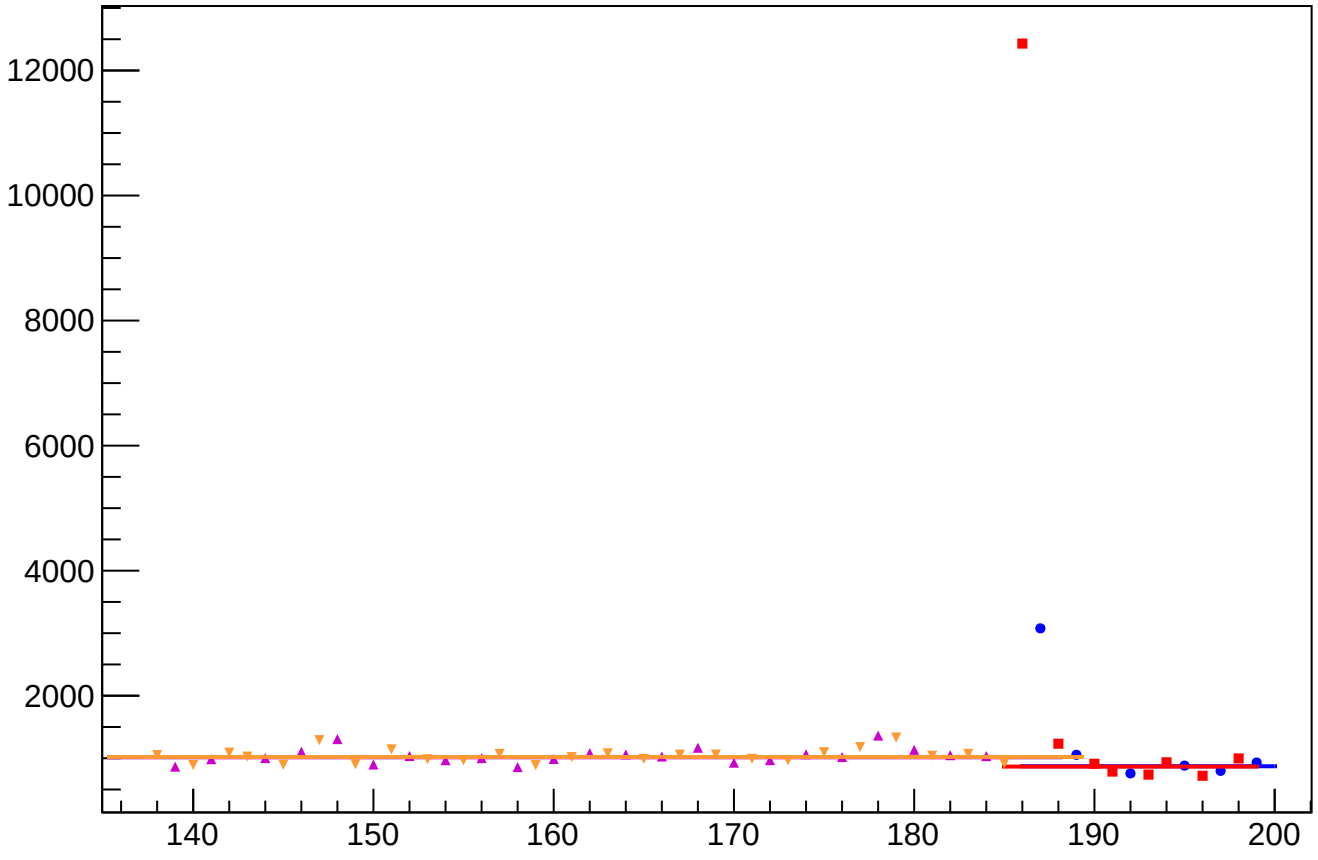
Right: -136.539+/-311.288 χ^2/NDF: 7.4/13

In: 124.152+/-217.037 χ^2/NDF:38.9/28

Out: -319.996+/-207.436 χ^2/NDF:24.8/32

All: -107.962+/-149.959 χ^2/NDF: 65.9/61

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 872.058+/-0.337 χ^2/NDF: 218649.1/5

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 866.697+/-0.291 χ^2/NDF: 932269.4/7

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

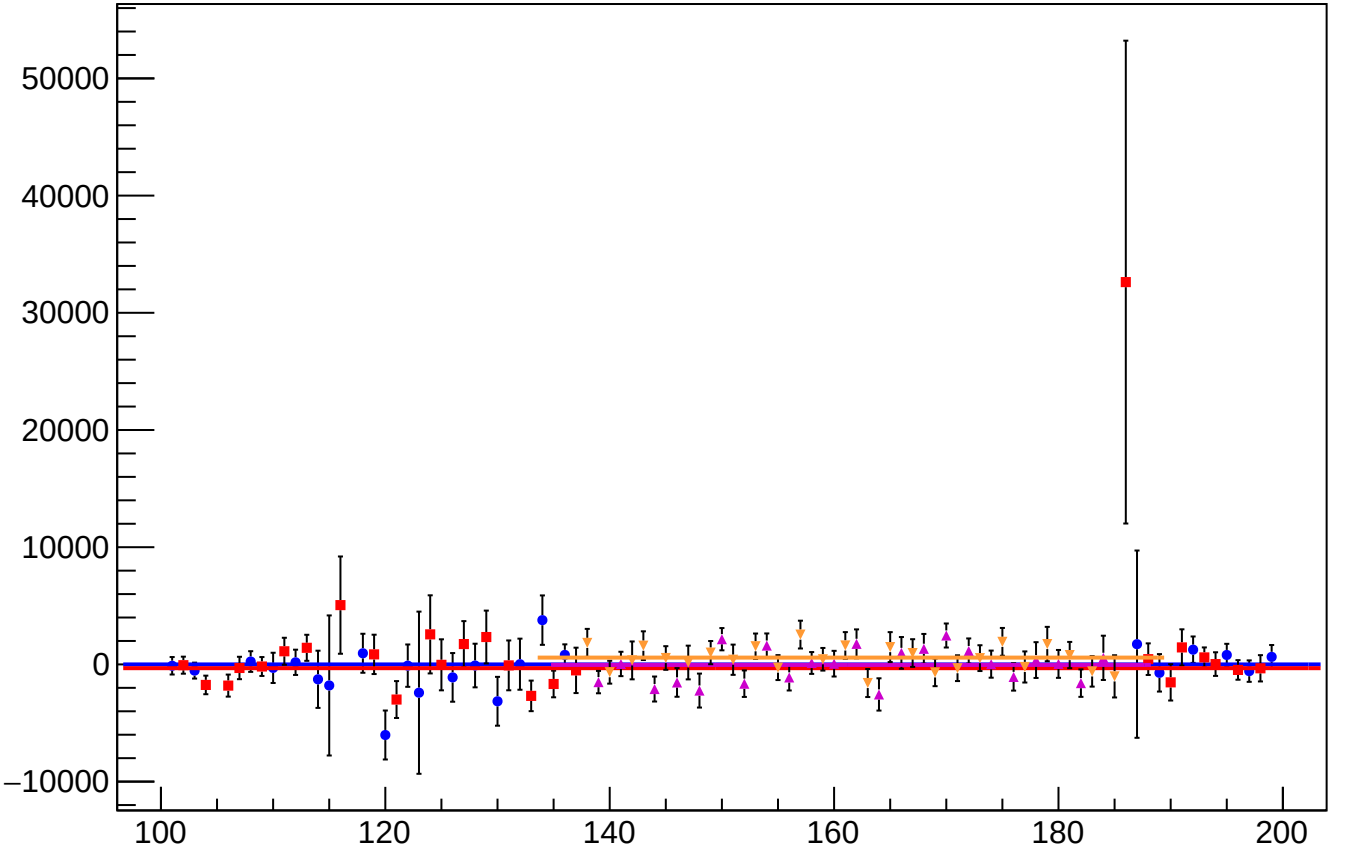
Right: 868.983+/-0.220 χ^2/NDF: 1151063.6/13

In: 985.366+/-0.153 χ^2/NDF:766078.4/28

Out: 981.067+/-0.147 χ^2/NDF:1509889.3/32

All: 983.119+/-0.106 χ^2/NDF: 2276377.7/61

asym_sam5_mean vs Slug, Sign Corrected



Right In: -2.857+/-260.716 χ^2/NDF: 19.5/22

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -322.585+/-234.285 χ^2/NDF: 29.1/25

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

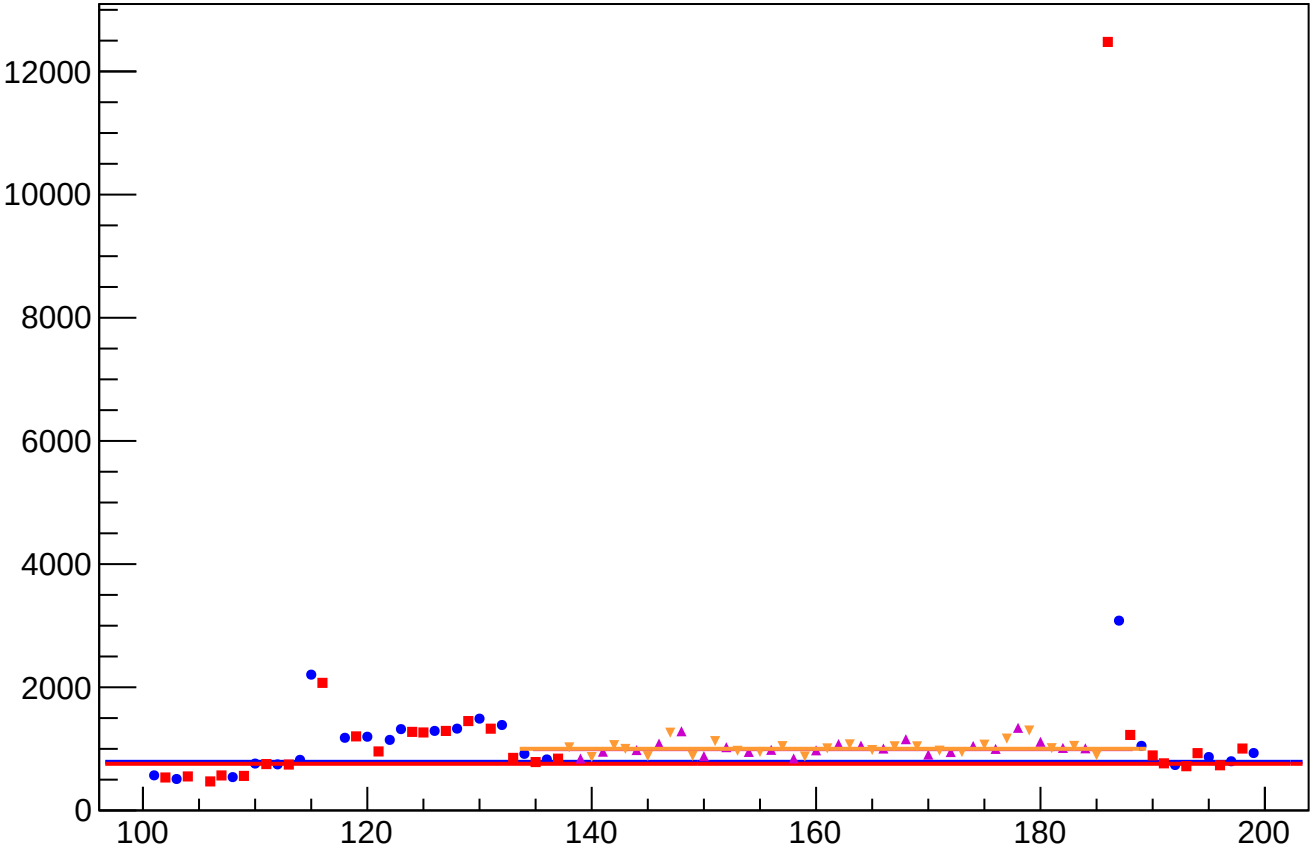
Right: -179.745+/-174.262 χ^2/NDF: 49.4/48

In: -24.319+/-176.288 χ^2/NDF:57.4/45

Out: 126.326+/-166.121 χ^2/NDF:54.9/50

All: 55.472+/-120.900 χ^2/NDF: 112.6/96

asym_sam5_rms vs Slug, Sign Corrected



Right In: 789.600+/-0.184 χ^2/NDF: 2008264.2/22

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 757.665+/-0.166 χ^2/NDF: 2800065.0/25

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

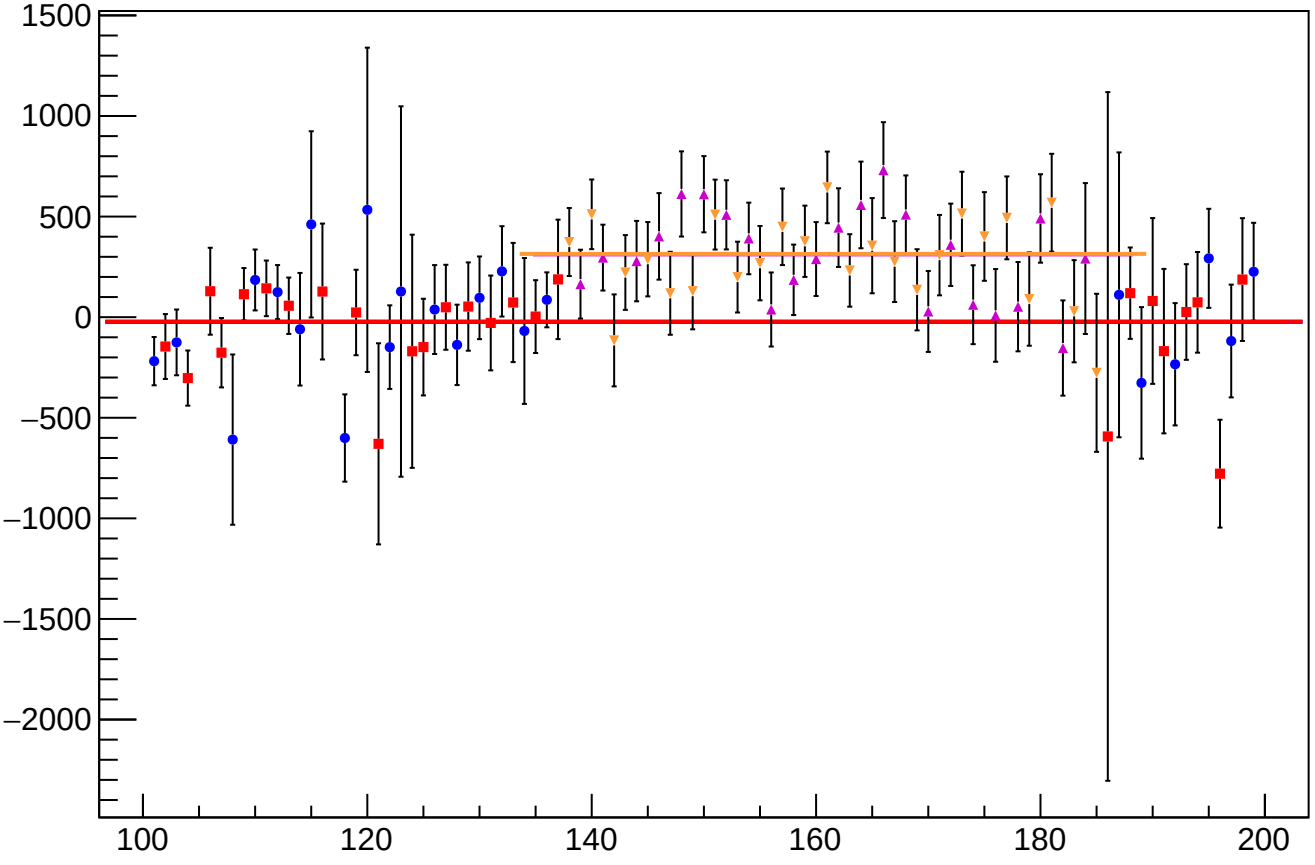
Right: 771.932+/-0.123 χ^2/NDF: 4824931.1/48

In: 901.411+/-0.125 χ^2/NDF:3110375.5/45

Out: 878.776+/-0.117 χ^2/NDF:4245187.7/50

All: 889.422+/-0.085 χ^2/NDF: 7373027.7/96

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -23.190+/-45.068 χ^2/NDF: 23.7/22

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -22.144+/-41.936 χ^2/NDF: 21.1/25

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

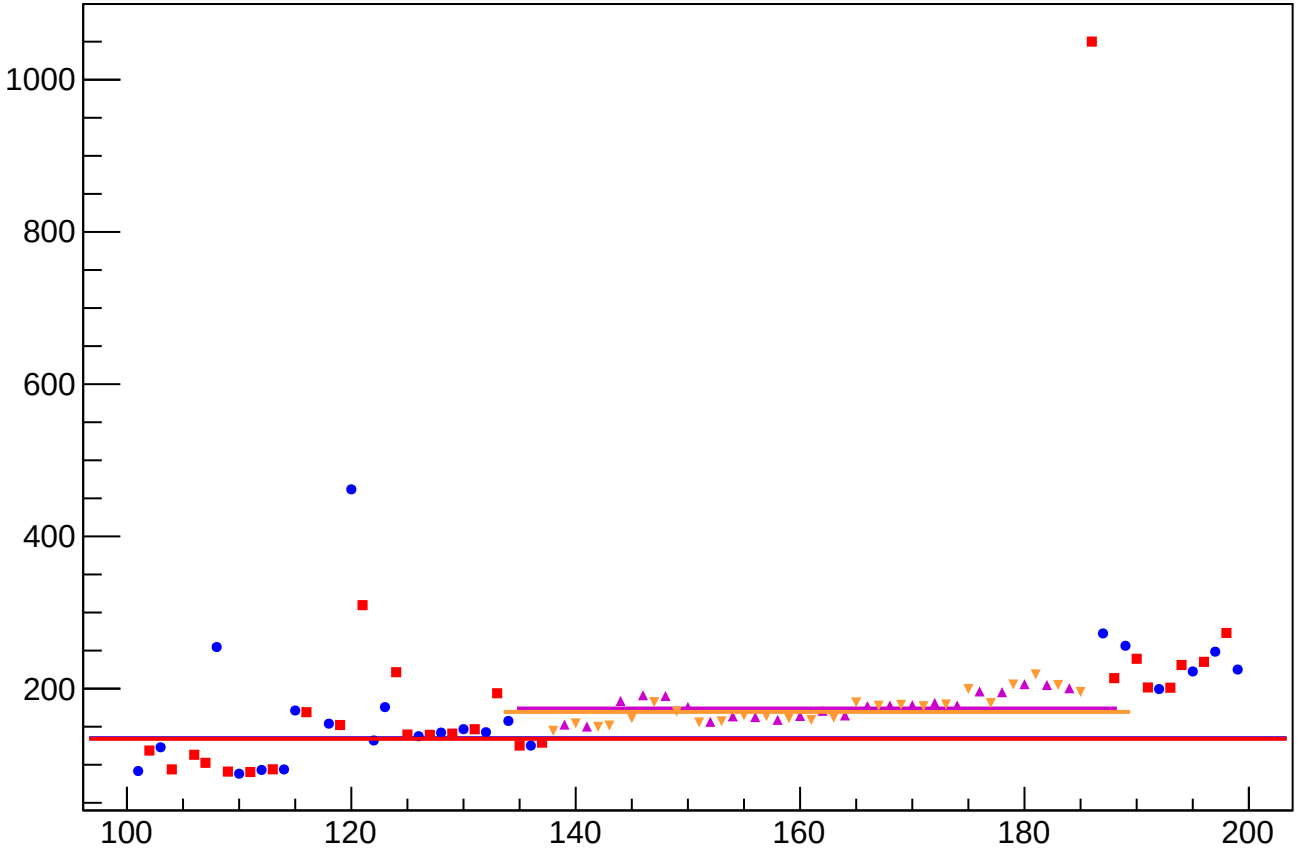
Right: -22.629+/-30.701 χ^2/NDF: 44.9/48

In: 157.667+/-30.586 χ^2/NDF:80.5/45

Out: 154.902+/-28.875 χ^2/NDF:76.4/50

All: 156.205+/-20.997 χ^2/NDF: 156.9/96

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 134.866+/-0.032 χ^2/NDF: 2477634.3/22

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 134.125+/-0.030 χ^2/NDF: 3447206.3/25

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

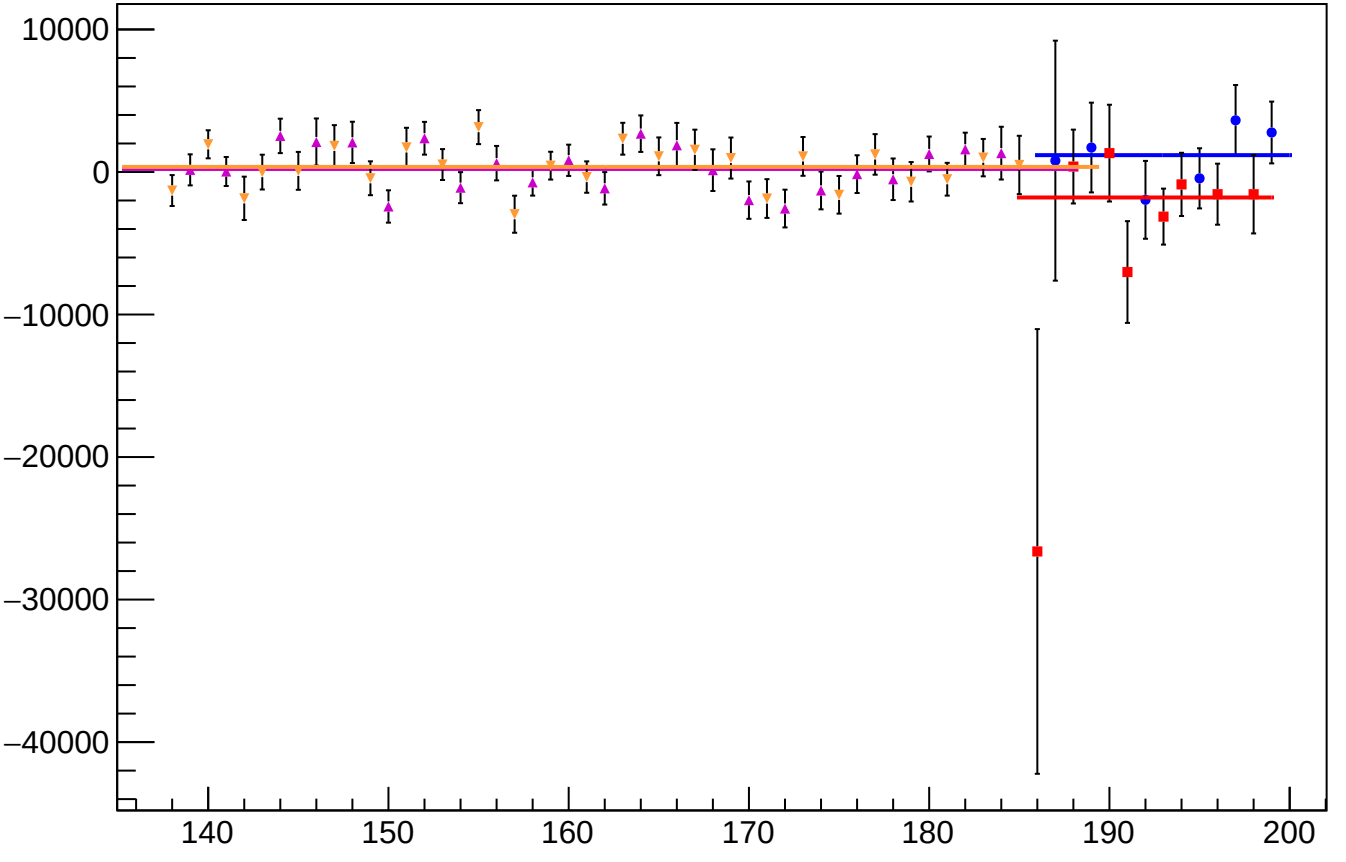
Right: 134.469+/-0.022 χ^2/NDF: 5925129.8/48

In: 155.892+/-0.022 χ^2/NDF:3576446.6/45

Out: 152.692+/-0.020 χ^2/NDF:4579195.2/50

All: 154.200+/-0.015 χ^2/NDF: 8167216.2/96

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 1181.993+/-1084.887 χ^2/NDF: 3.5/5

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -1788.555+/-940.410 χ^2/NDF: 6.9/7

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

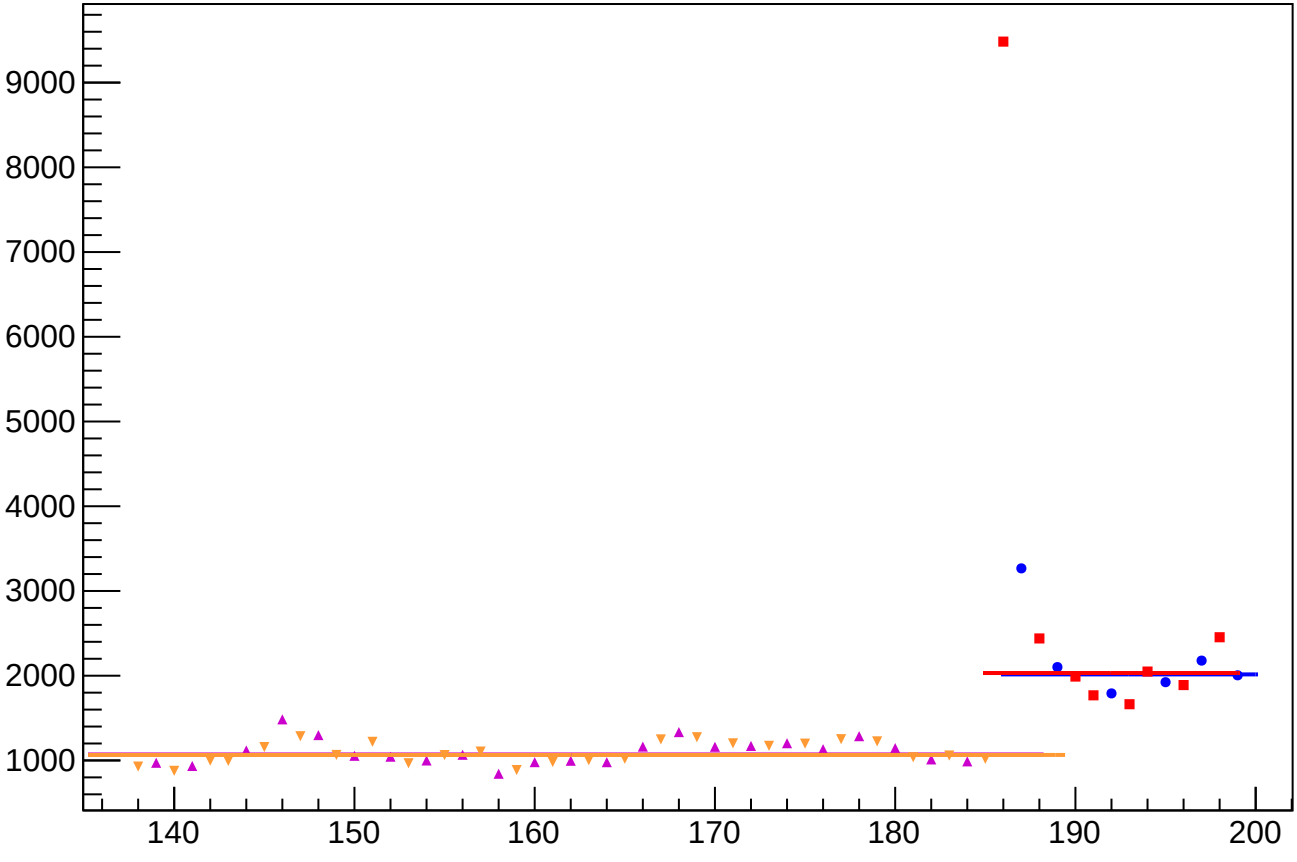
Right: -514.116+/-710.601 χ^2/NDF: 14.6/13

In: 263.693+/-250.432 χ^2/NDF:40.3/28

Out: 214.026+/-242.451 χ^2/NDF:45.1/32

All: 238.056+/-174.192 χ^2/NDF: 85.4/61

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 2015.372+/-0.767 χ^2/NDF: 71650.0/5

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 2031.718+/-0.665 χ^2/NDF: 643384.9/7

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

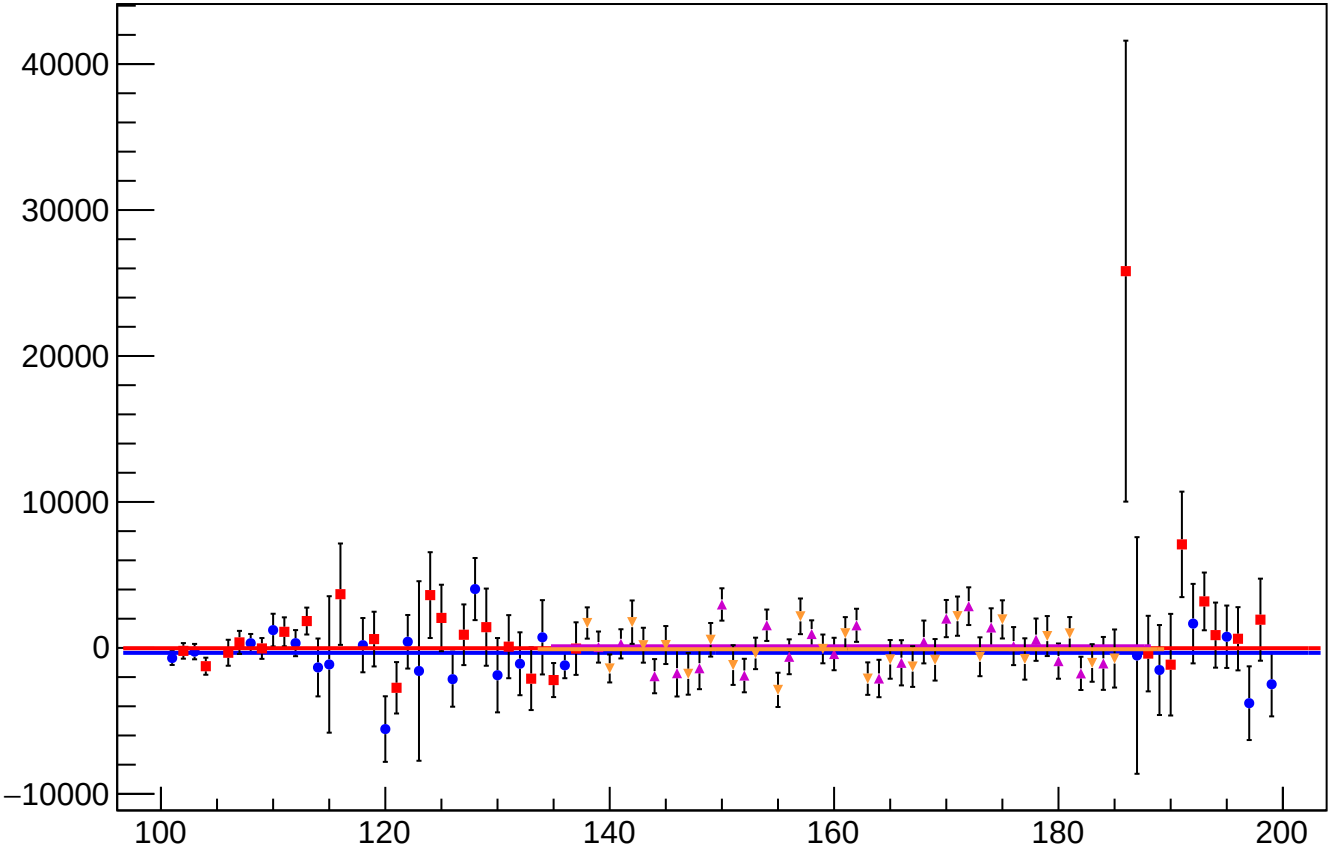
Right: 2024.705+/-0.502 χ^2/NDF: 715294.2/13

In: 1121.031+/-0.177 χ^2/NDF:2077703.5/28

Out: 1129.133+/-0.171 χ^2/NDF:3110524.3/32

All: 1125.213+/-0.123 χ^2/NDF: 5189308.4/61

asym_sam6_mean vs Slug, Sign Corrected



Right In: -338.499+/-243.744 χ^2/NDF: 20.6/22

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -21.291+/-239.692 χ^2/NDF: 31.3/25

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

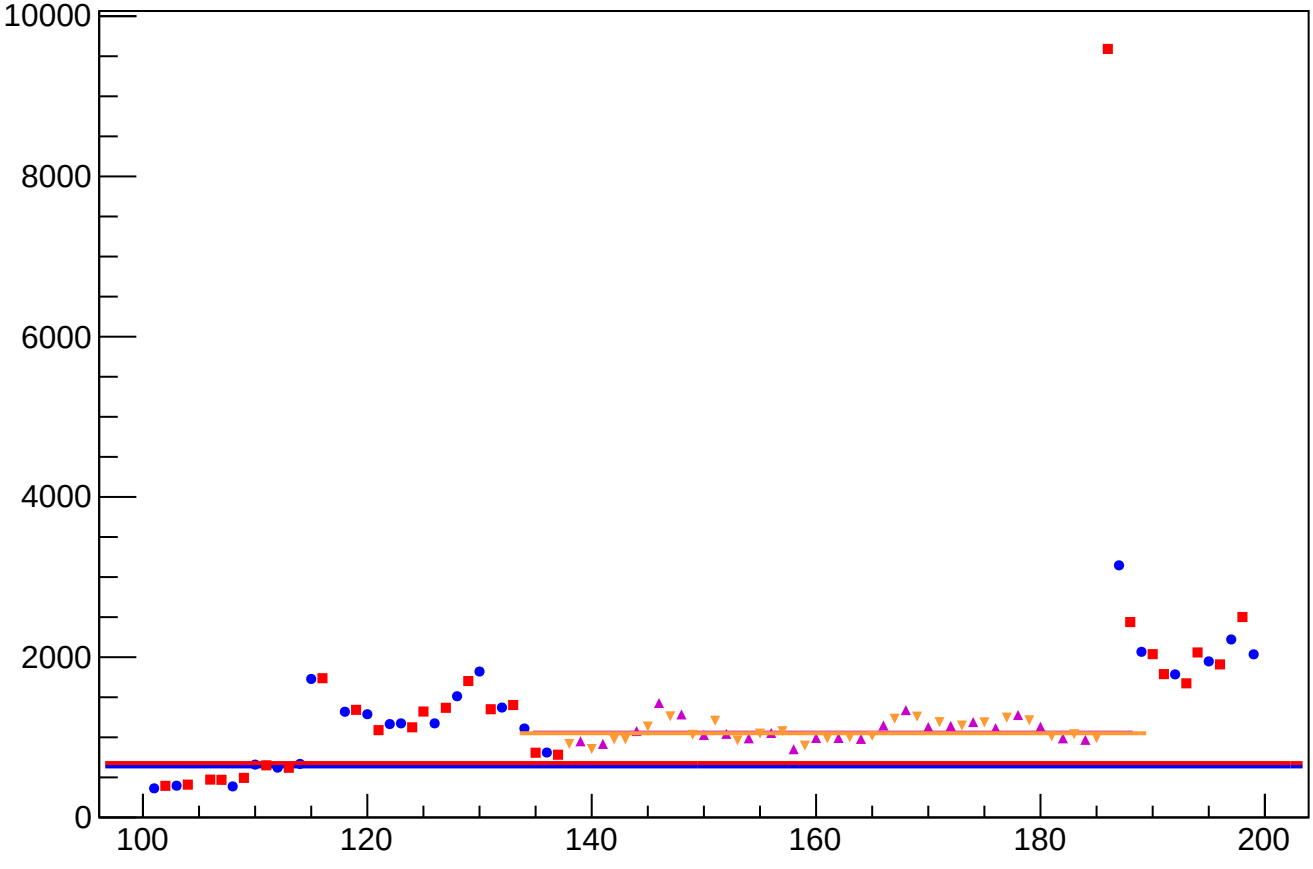
Right: -177.236+/-170.902 χ^2/NDF: 52.8/48

In: -123.363+/-175.979 χ^2/NDF:57.4/45

Out: -54.398+/-172.105 χ^2/NDF:62.3/50

All: -88.113+/-123.043 χ^2/NDF: 119.8/96

asym_sam6_rms vs Slug, Sign Corrected



Right In: 636.994+/-0.172 χ^2/NDF: 6756445.3/22

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 678.832+/-0.169 χ^2/NDF: 7918143.4/25

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

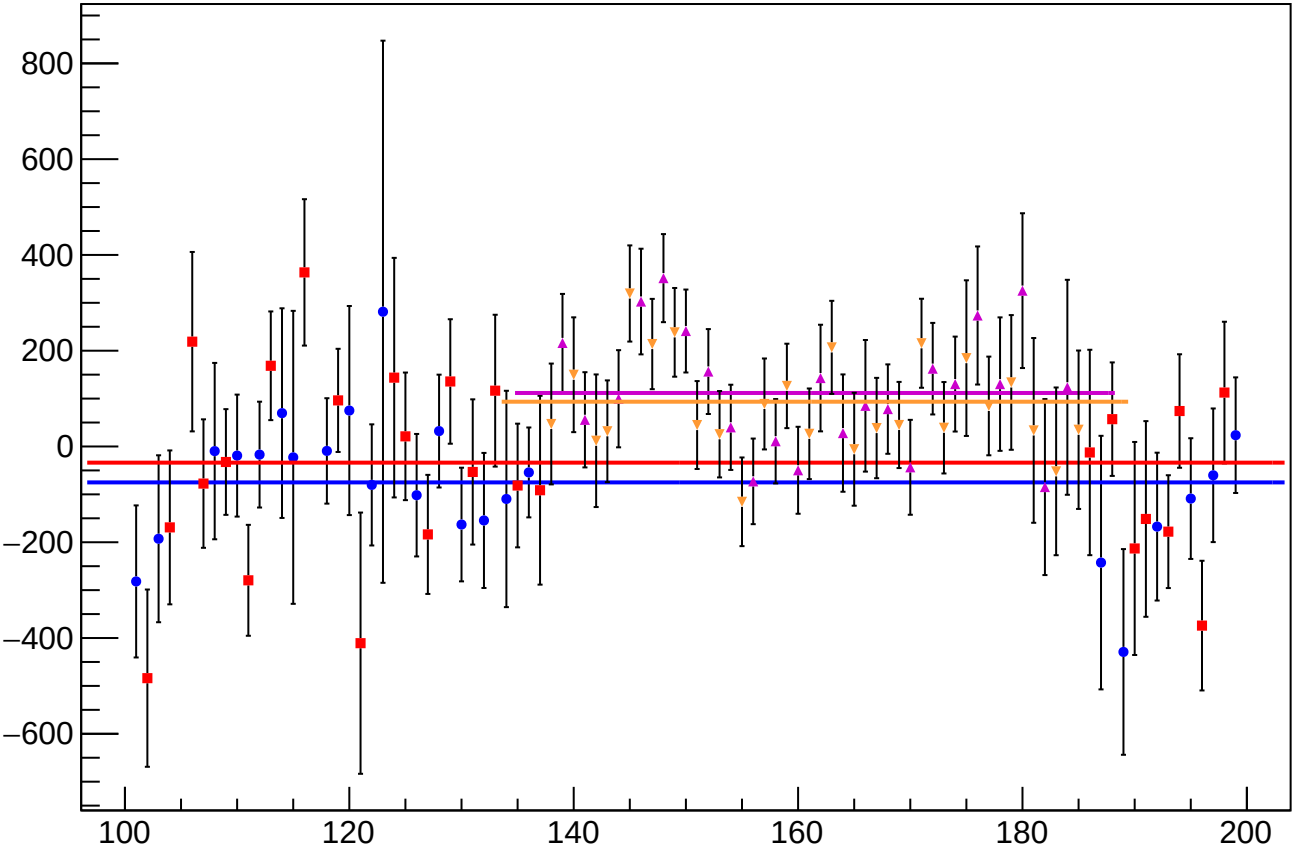
Right: 658.264+/-0.121 χ^2/NDF: 14704545.3/48

In: 838.621+/-0.124 χ^2/NDF:10147323.5/45

Out: 859.085+/-0.122 χ^2/NDF:10736425.8/50

All: 849.081+/-0.087 χ^2/NDF: 20897573.6/96

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -75.027+/-30.223 χ^2/NDF: 10.5/22

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -33.759+/-28.013 χ^2/NDF: 42.5/25

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

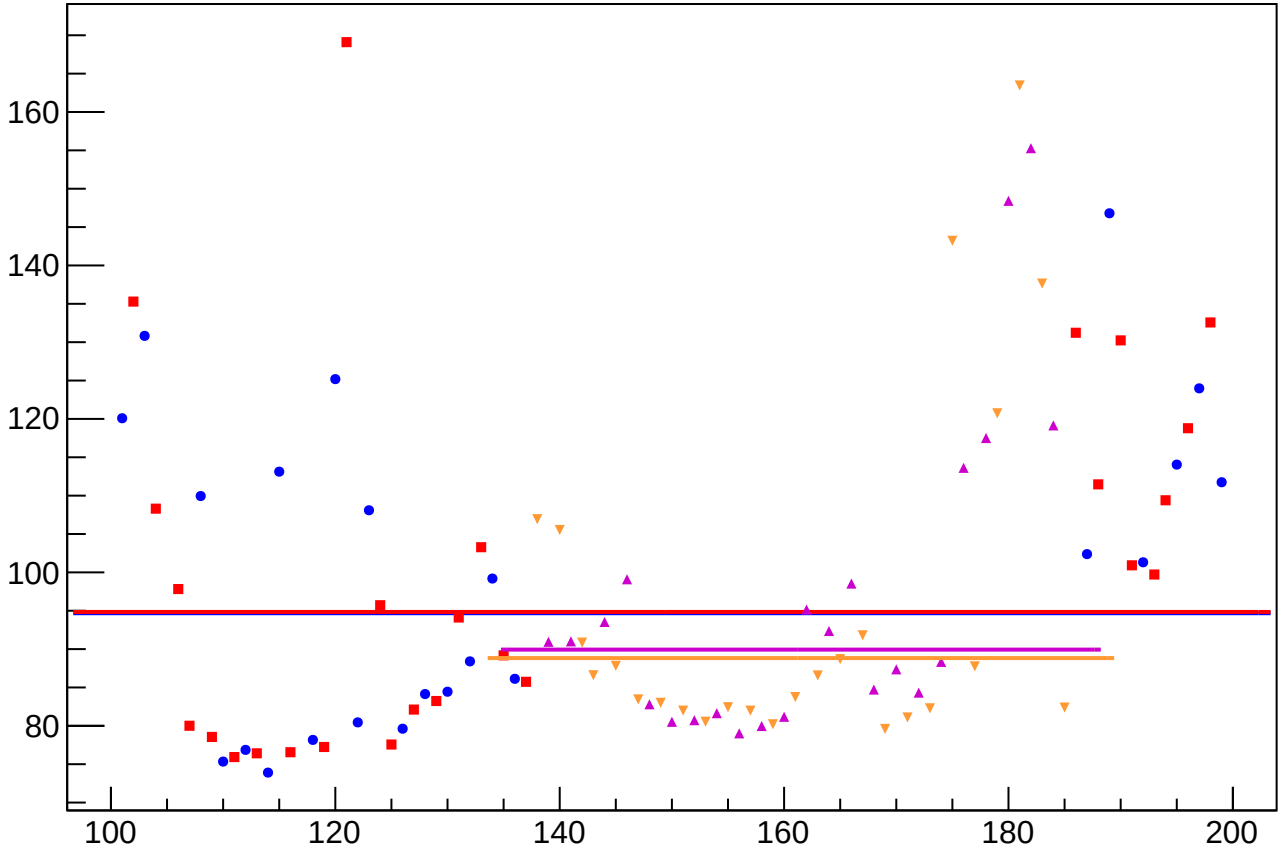
Right: -52.829+/-20.545 χ^2/NDF: 54.0/48

In: 47.161+/-17.771 χ^2/NDF:66.2/45

Out: 46.920+/-16.947 χ^2/NDF:78.4/50

All: 47.034+/-12.265 χ^2/NDF: 144.5/96

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 94.678+/-0.021 χ^2/NDF: 763343.2/22

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 94.842+/-0.020 χ^2/NDF: 974311.6/25

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

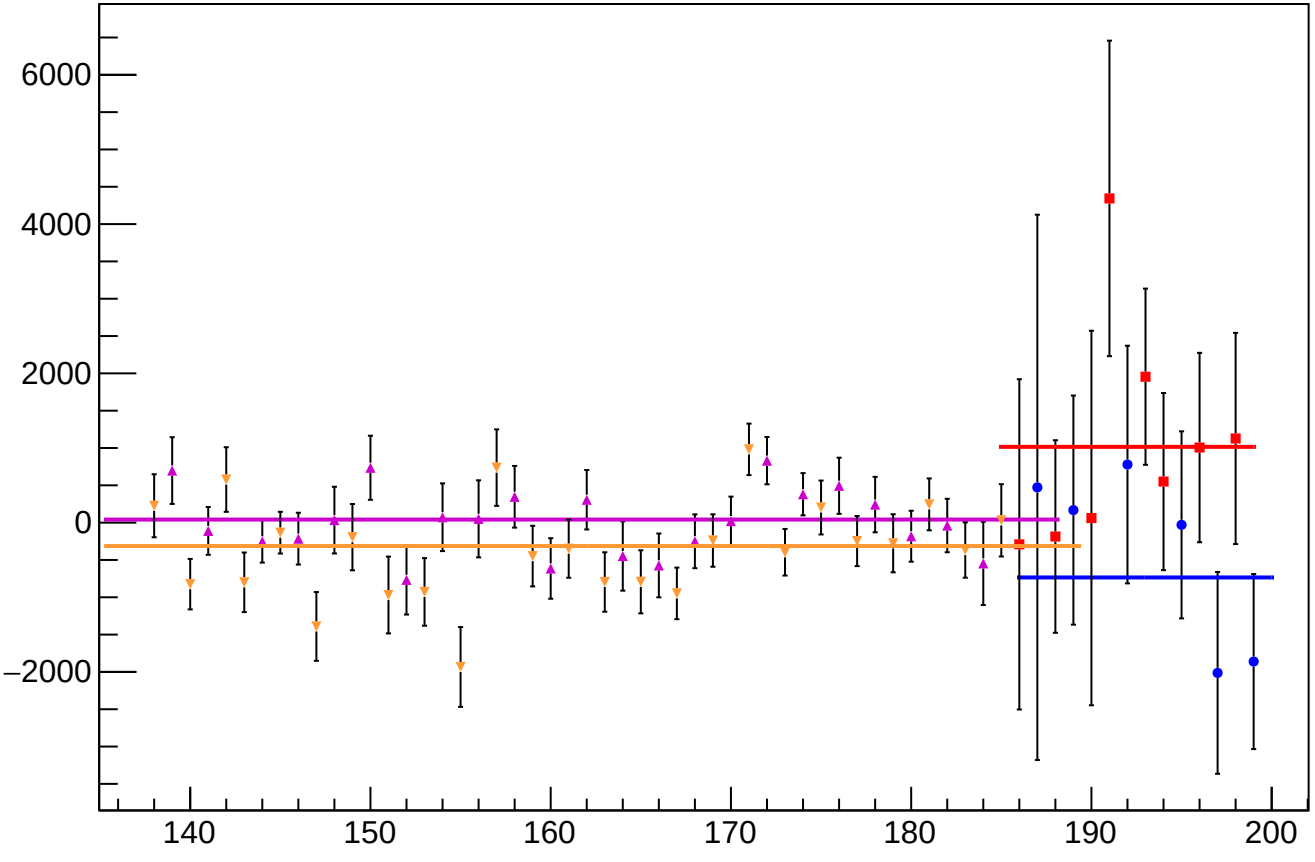
Right: 94.767+/-0.015 χ^2/NDF: 1737686.5/48

In: 91.574+/-0.013 χ^2/NDF:1669718.2/45

Out: 91.030+/-0.012 χ^2/NDF:2033381.3/50

All: 91.290+/-0.009 χ^2/NDF: 3704080.8/96

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -734.424+/-597.039 χ^2/NDF: 3.5/5

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 1015.332+/-517.342 χ^2/NDF: 4.6/7

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

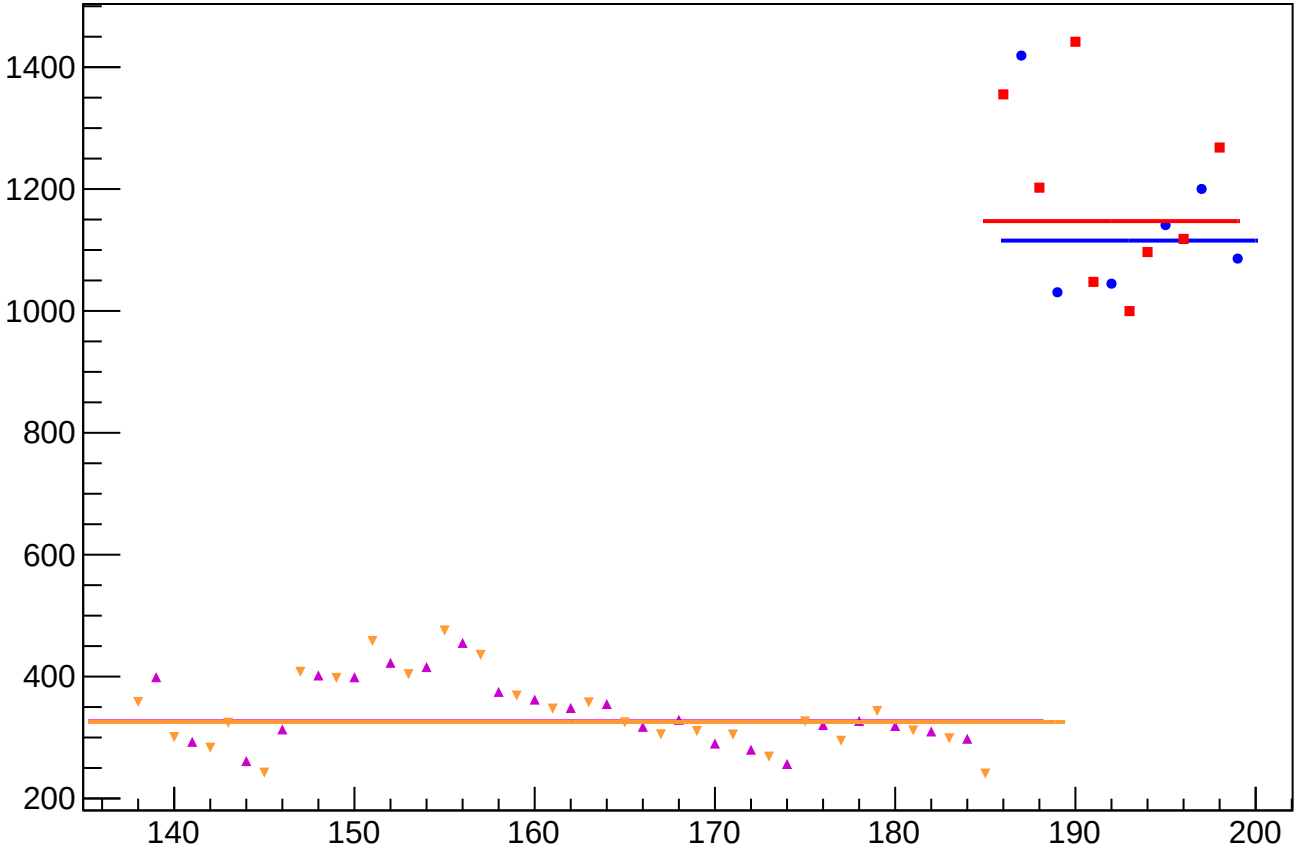
Right: 264.953+/-390.979 χ^2/NDF: 13.0/13

In: 27.944+/-78.179 χ^2/NDF:33.2/28

Out: -284.403+/-76.485 χ^2/NDF:69.2/32

All: -131.651+/-54.672 χ^2/NDF: 110.5/61

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 1115.419+/-0.422 χ^2/NDF: 33820.2/5

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1147.406+/-0.366 χ^2/NDF: 103834.6/7

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

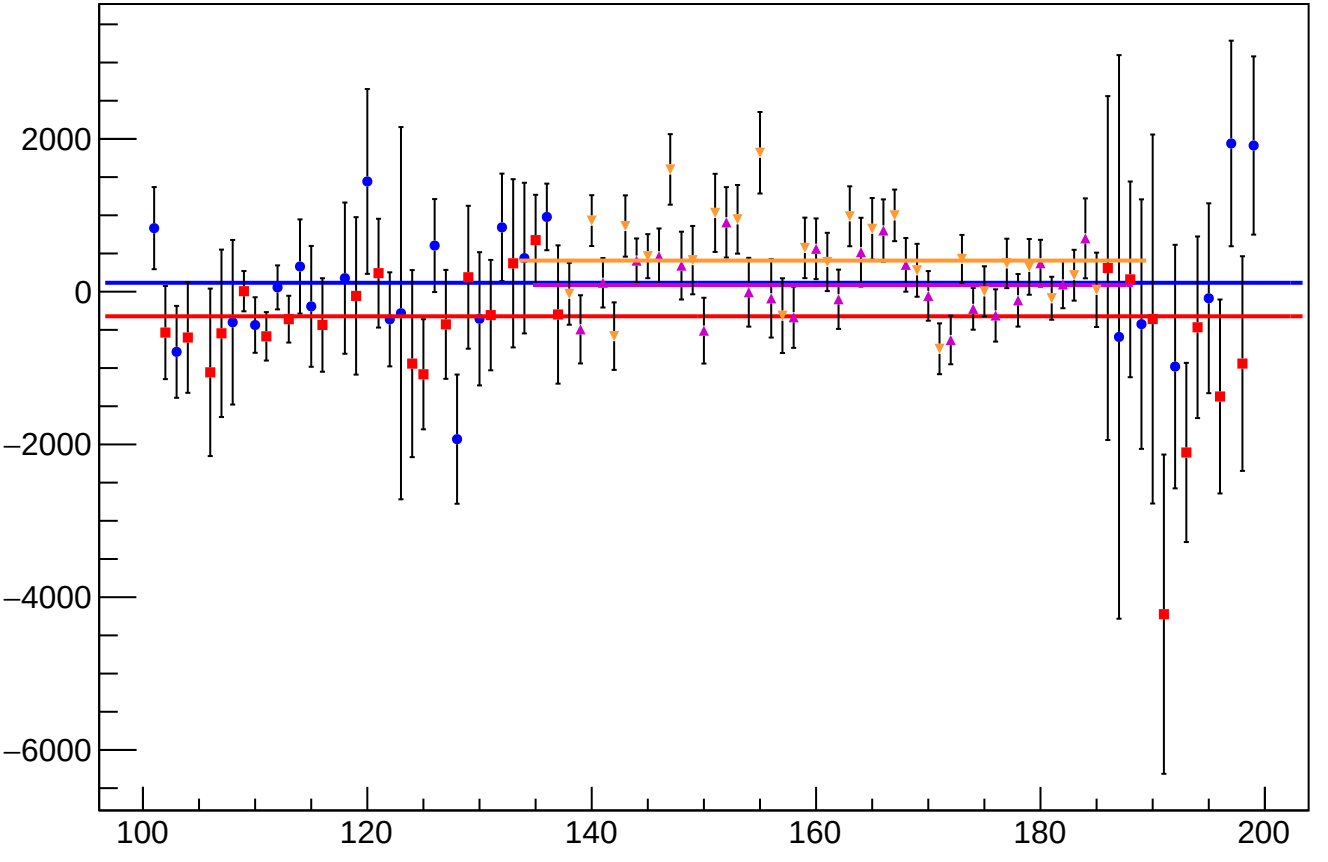
Right: 1133.688+/-0.276 χ^2/NDF: 140933.8/13

In: 340.043+/-0.055 χ^2/NDF:4307074.5/28

Out: 343.398+/-0.054 χ^2/NDF:6043283.3/32

All: 341.757+/-0.039 χ^2/NDF: 10352239.5/61

asym_sam7_mean vs Slug, Sign Corrected



Right In: 116.512+/-138.739 χ^2/NDF: 25.5/22

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -322.188+/-125.857 χ^2/NDF: 15.6/25

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

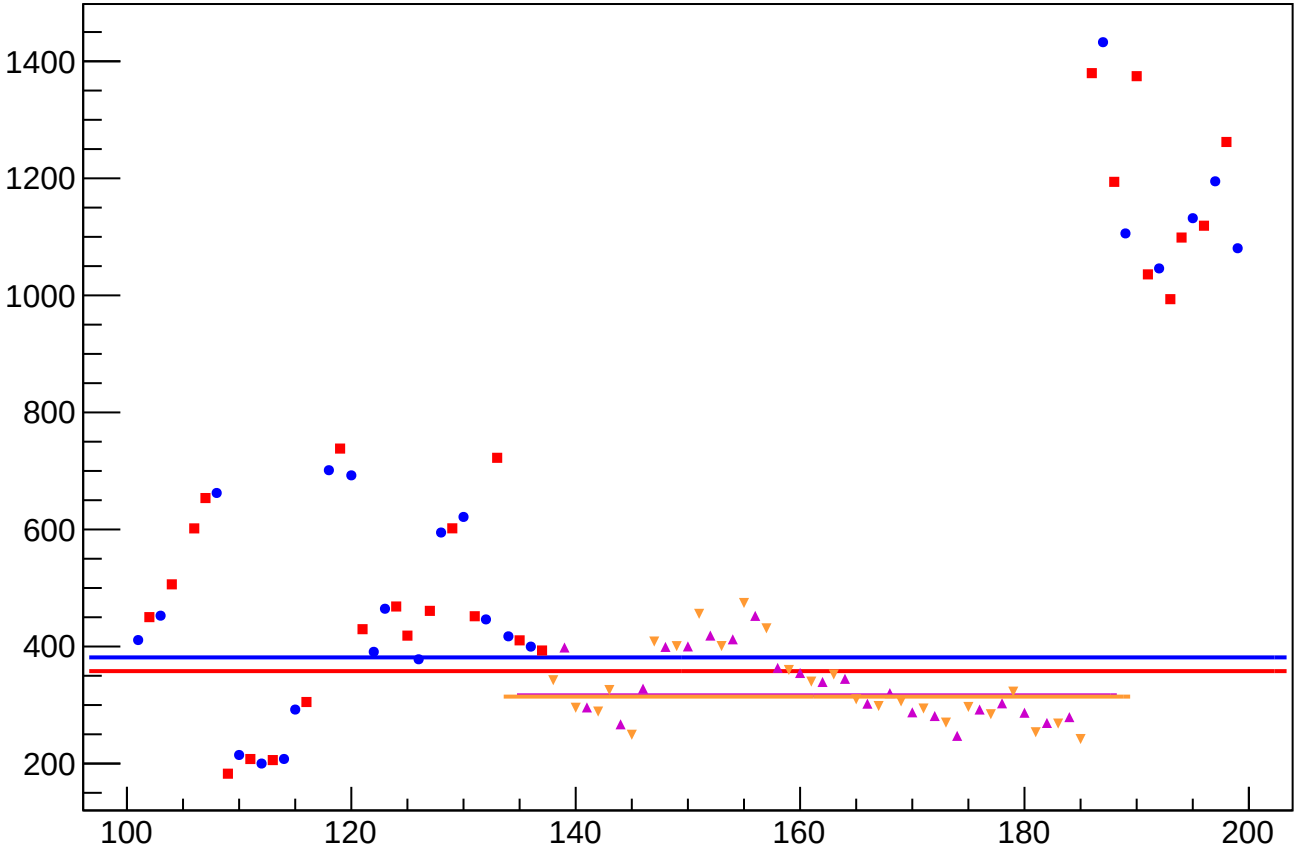
Right: -124.145+/-93.217 χ^2/NDF: 46.5/48

In: 94.394+/-67.039 χ^2/NDF:52.9/45

Out: 217.205+/-64.257 χ^2/NDF:93.4/50

All: 158.401+/-46.389 χ^2/NDF: 148.1/96

asym_sam7_rms vs Slug, Sign Corrected



Right In: 381.419+/-0.098 χ^2/NDF: 5296196.7/22

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 357.951+/-0.089 χ^2/NDF: 7726804.1/25

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

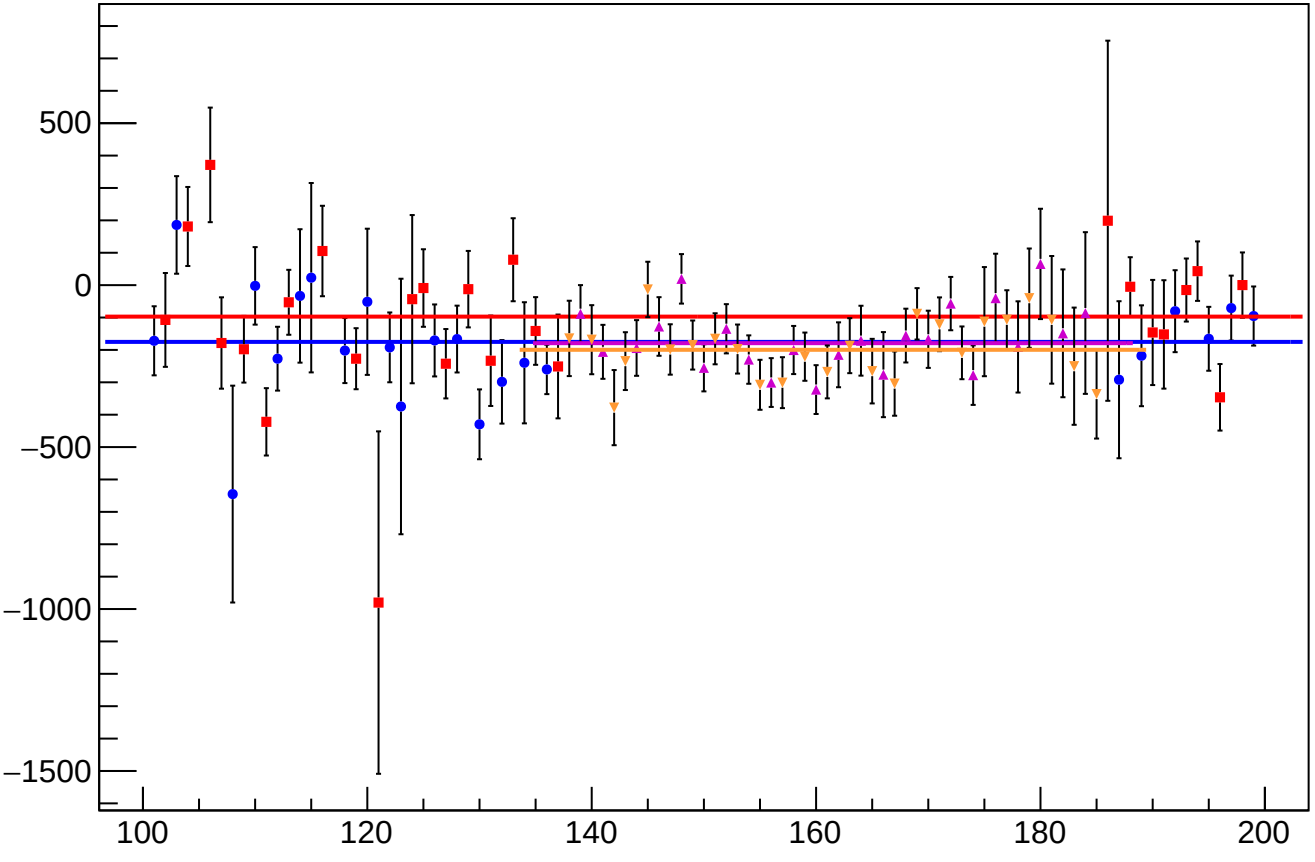
Right: 368.545+/-0.066 χ^2/NDF: 13054392.4/48

In: 331.747+/-0.047 χ^2/NDF:6560302.9/45

Out: 325.756+/-0.045 χ^2/NDF:9016064.9/50

All: 328.624+/-0.033 χ^2/NDF: 15584692.8/96

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.222+/-25.605 χ^2/NDF: 22.3/22

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -97.165+/-23.894 χ^2/NDF: 48.5/25

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

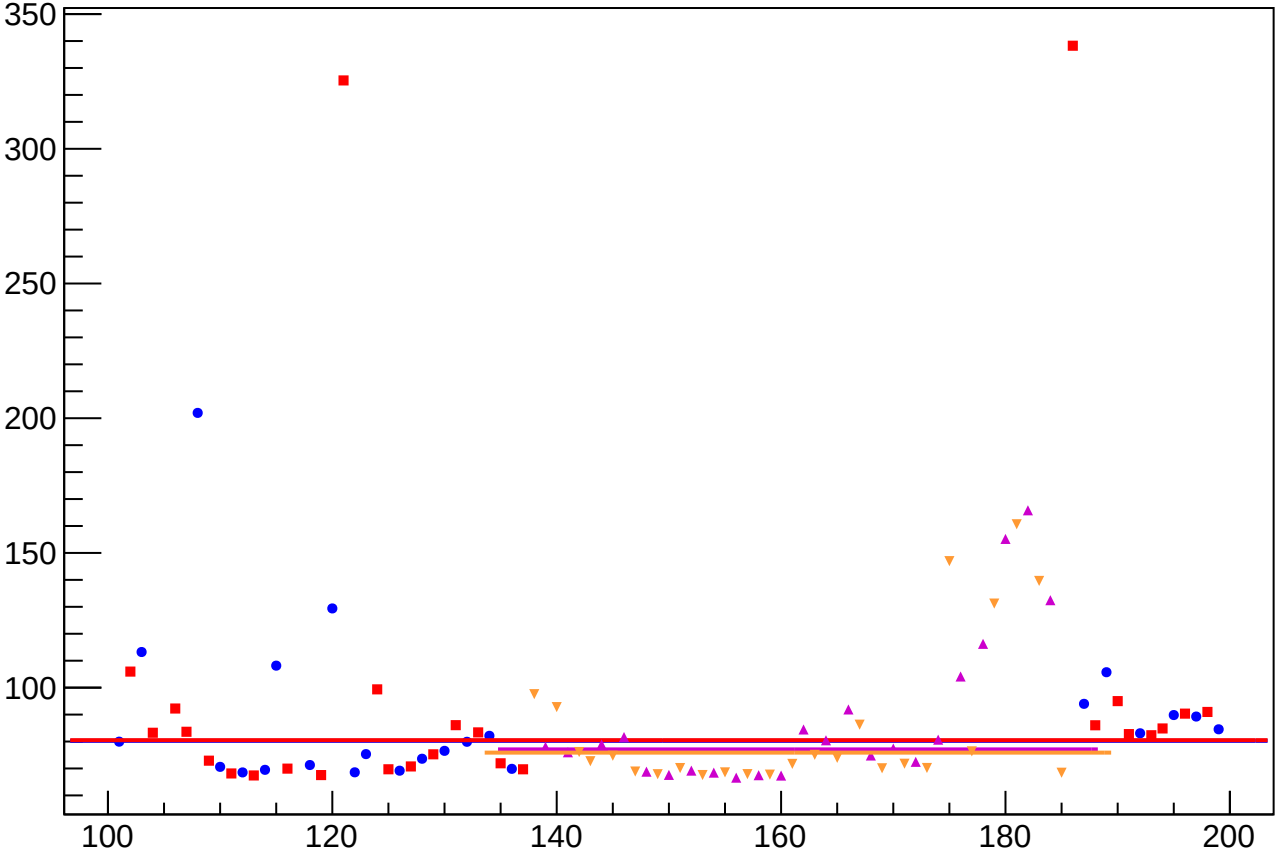
Right: -133.499+/-17.469 χ^2/NDF: 75.7/48

In: -177.747+/-15.316 χ^2/NDF:46.1/45

Out: -161.359+/-14.604 χ^2/NDF:80.2/50

All: -169.163+/-10.569 χ^2/NDF: 126.9/96

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 80.255+/-0.018 χ^2/NDF: 728177.5/22

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 80.502+/-0.017 χ^2/NDF: 1197154.7/25

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

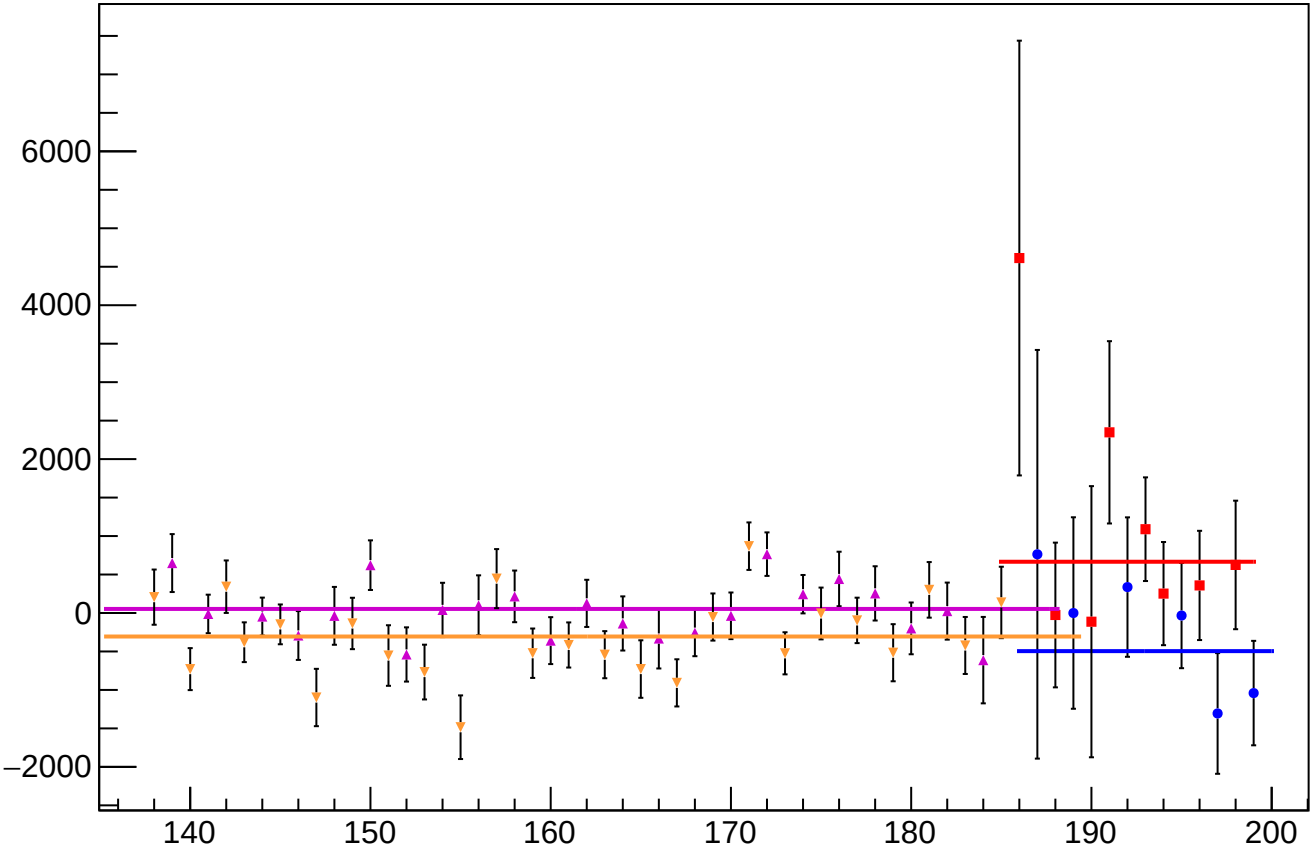
Right: 80.387+/-0.012 χ^2/NDF: 1925431.6/48

In: 78.216+/-0.011 χ^2/NDF:2170914.7/45

Out: 77.609+/-0.010 χ^2/NDF:2796471.4/50

All: 77.898+/-0.007 χ^2/NDF: 4969032.2/96

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -495.614+/-354.923 χ^2/NDF: 3.4/5

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 666.066+/-314.075 χ^2/NDF: 5.7/7

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

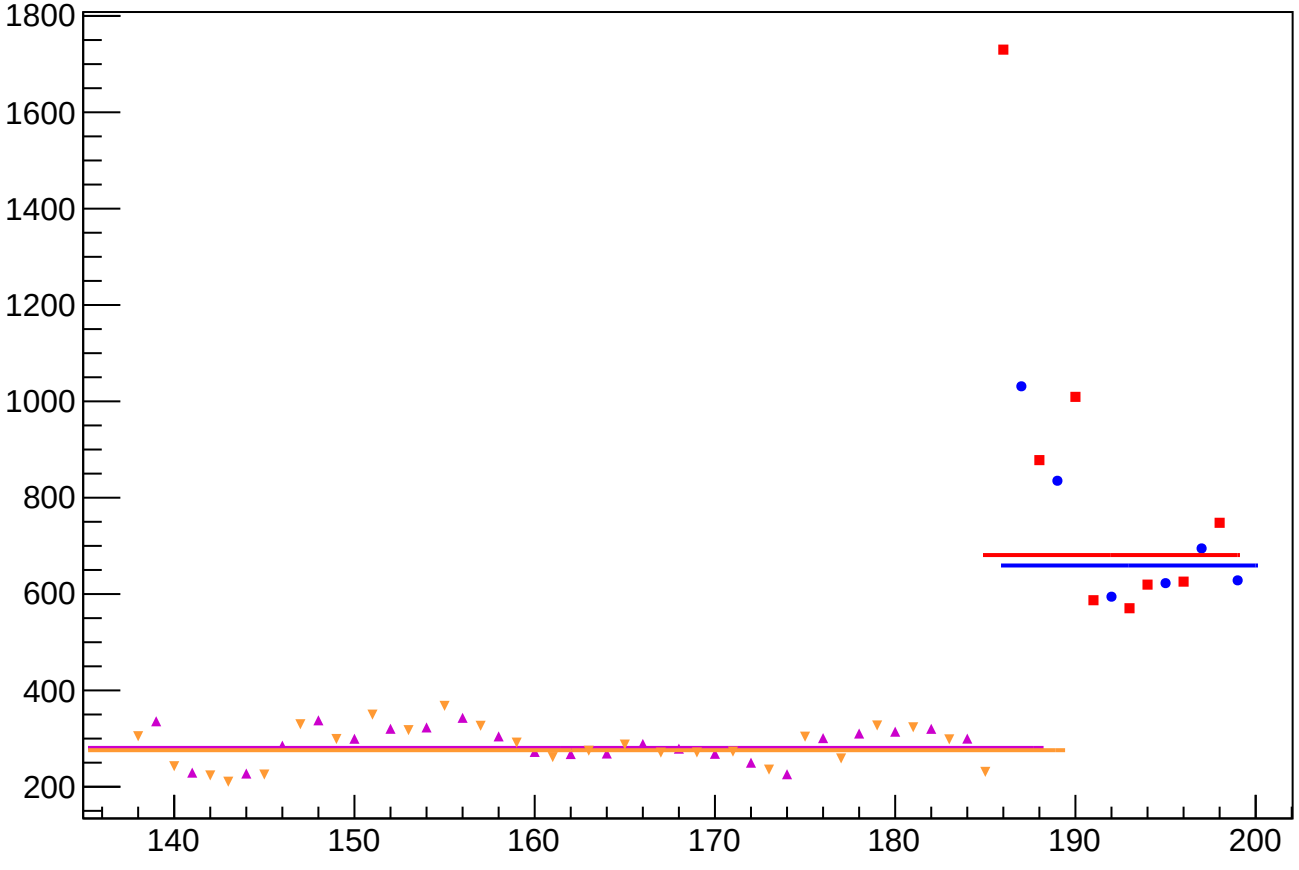
Right: 155.891+/-235.207 χ^2/NDF: 15.1/13

In: 33.596+/-66.348 χ^2/NDF:30.6/28

Out: -265.363+/-63.958 χ^2/NDF:69.7/32

All: -121.366+/-46.047 χ^2/NDF: 110.8/61

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 659.288+/-0.251 χ^2/NDF: 103375.0/5

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 680.948+/-0.222 χ^2/NDF: 540981.0/7

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

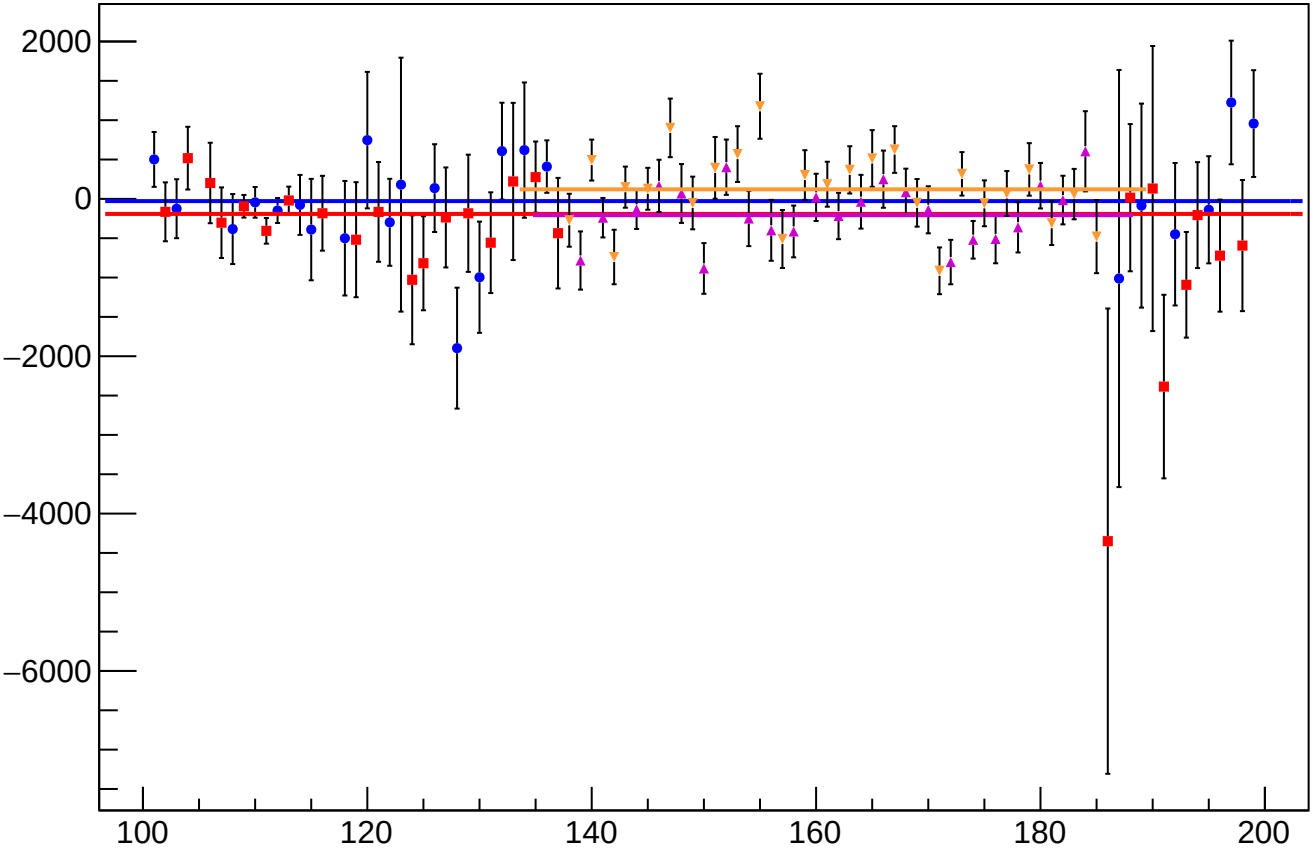
Right: 671.435+/-0.166 χ^2/NDF: 648533.2/13

In: 293.861+/-0.047 χ^2/NDF:2887703.5/28

Out: 292.698+/-0.045 χ^2/NDF:4482533.8/32

All: 293.258+/-0.033 χ^2/NDF: 7370556.1/61

asym_sam8_mean vs Slug, Sign Corrected



Right In: -28.434+/-87.573 χ^2/NDF: 21.7/22

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -191.371+/-74.832 χ^2/NDF: 19.2/25

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

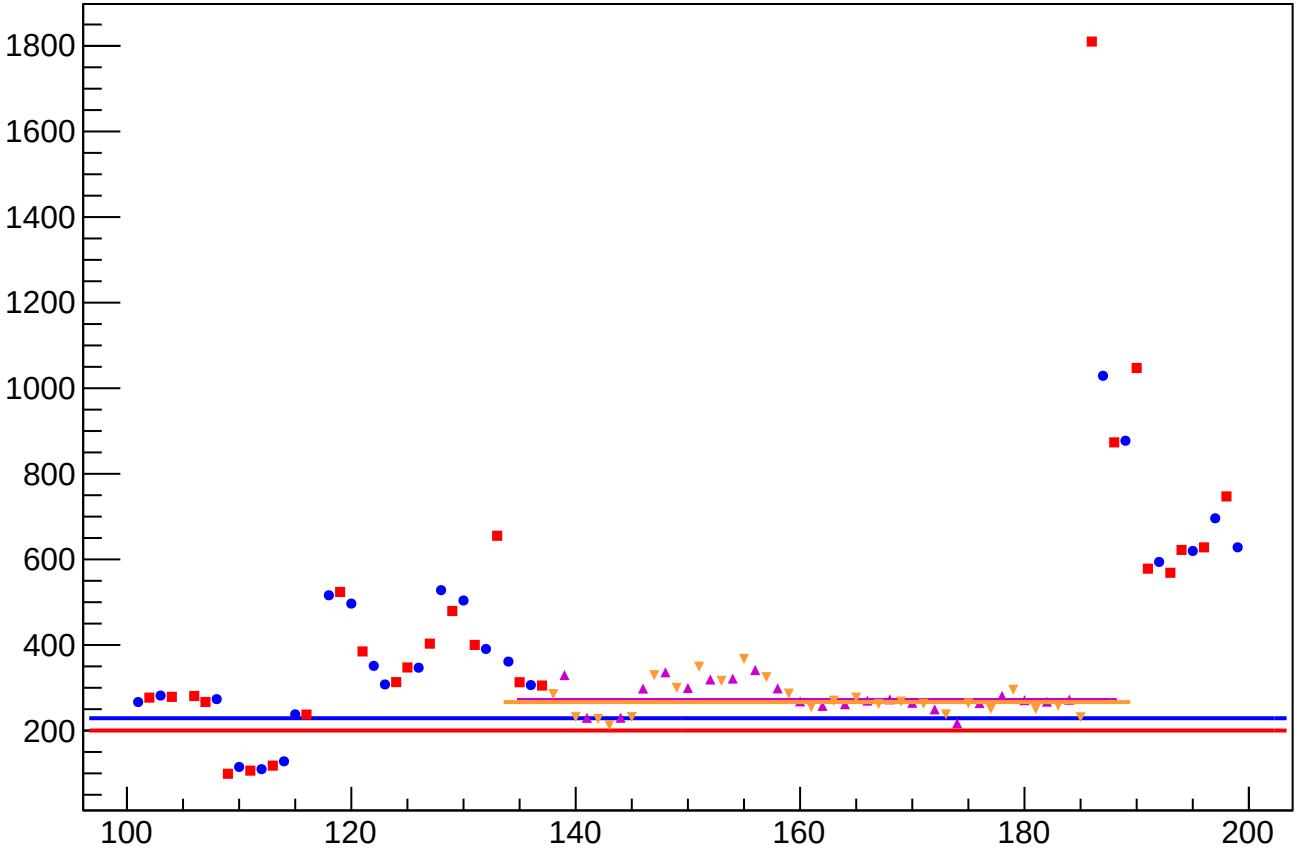
Right: -122.607+/-56.890 χ^2/NDF: 42.9/48

In: -143.290+/-52.321 χ^2/NDF:52.1/45

Out: -8.244+/-48.155 χ^2/NDF:78.4/50

All: -70.177+/-35.432 χ^2/NDF: 134.2/96

asym_sam8_rms vs Slug, Sign Corrected



Right In: 228.835+/-0.062 χ^2/NDF: 6694006.9/22

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 200.100+/-0.053 χ^2/NDF: 9591973.4/25

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

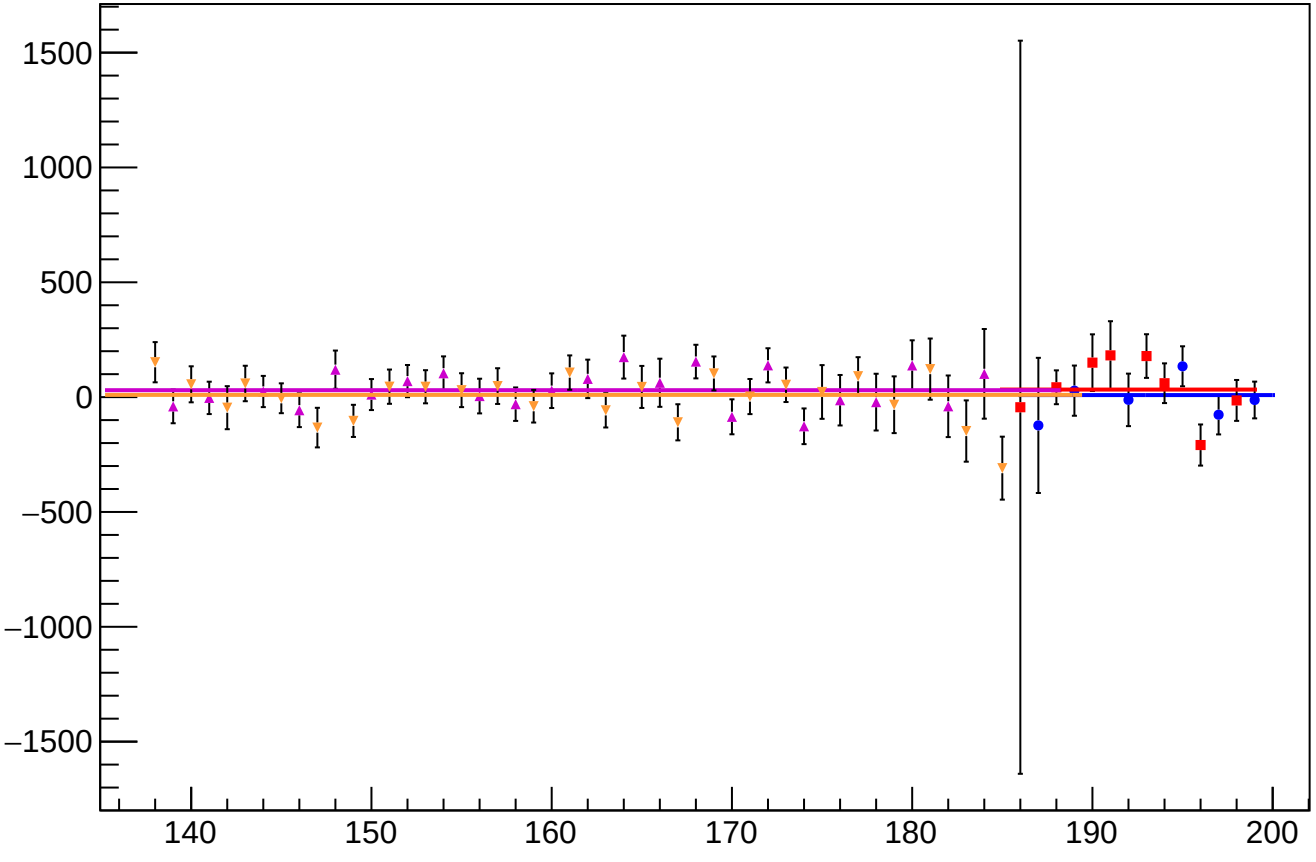
Right: 212.227+/-0.040 χ^2/NDF: 16410434.9/48

In: 256.239+/-0.037 χ^2/NDF:7529470.6/45

Out: 239.073+/-0.034 χ^2/NDF:11157091.0/50

All: 246.945+/-0.025 χ^2/NDF: 18803117.5/96

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 8.915+/-40.973 χ^2/NDF: 3.4/5

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 32.921+/-35.563 χ^2/NDF: 11.9/7

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

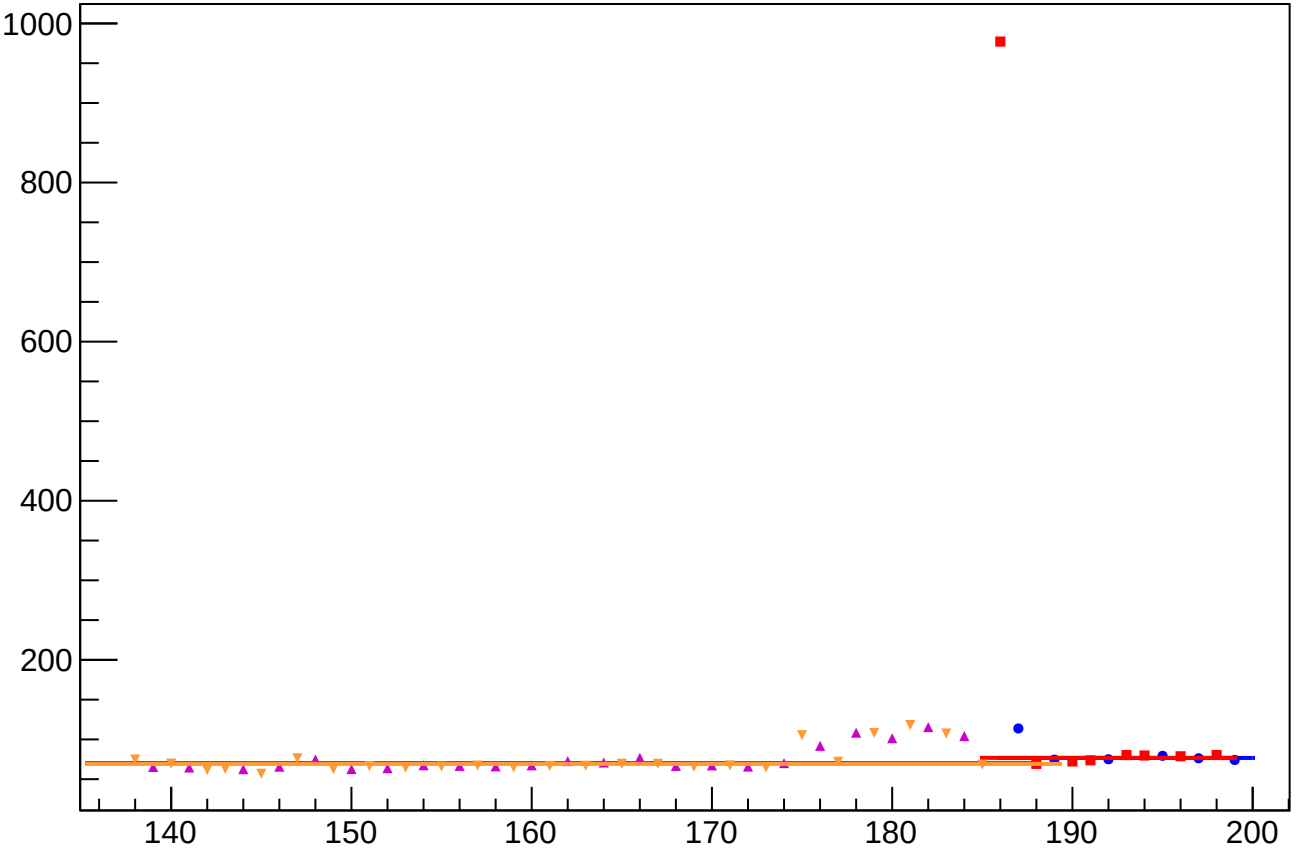
Right: 22.606+/-26.857 χ^2/NDF: 15.5/13

In: 27.095+/-15.726 χ^2/NDF:25.5/28

Out: 13.849+/-14.940 χ^2/NDF:38.2/32

All: 20.133+/-10.832 χ^2/NDF: 64.1/61

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 76.725+/-0.029 χ^2/NDF: 36829.9/5

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 76.805+/-0.025 χ^2/NDF: 670460.5/7

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

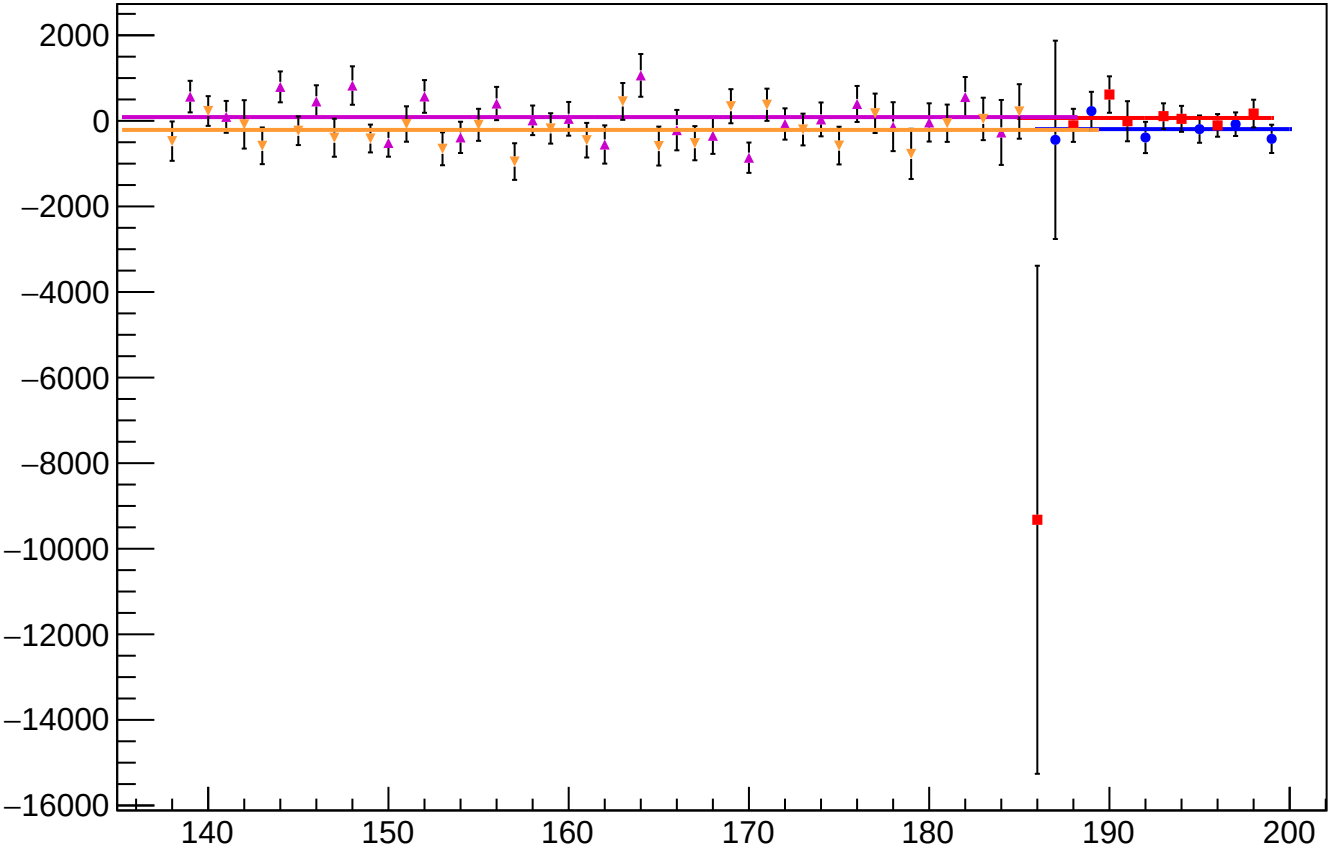
Right: 76.770+/-0.019 χ^2/NDF: 707294.8/13

In: 71.266+/-0.011 χ^2/NDF:940573.6/28

Out: 70.570+/-0.011 χ^2/NDF:1751025.7/32

All: 70.900+/-0.008 χ^2/NDF: 2693655.8/61

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -193.205+/-149.433 χ^2/NDF: 1.8/5

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 67.413+/-126.426 χ^2/NDF: 4.9/7

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

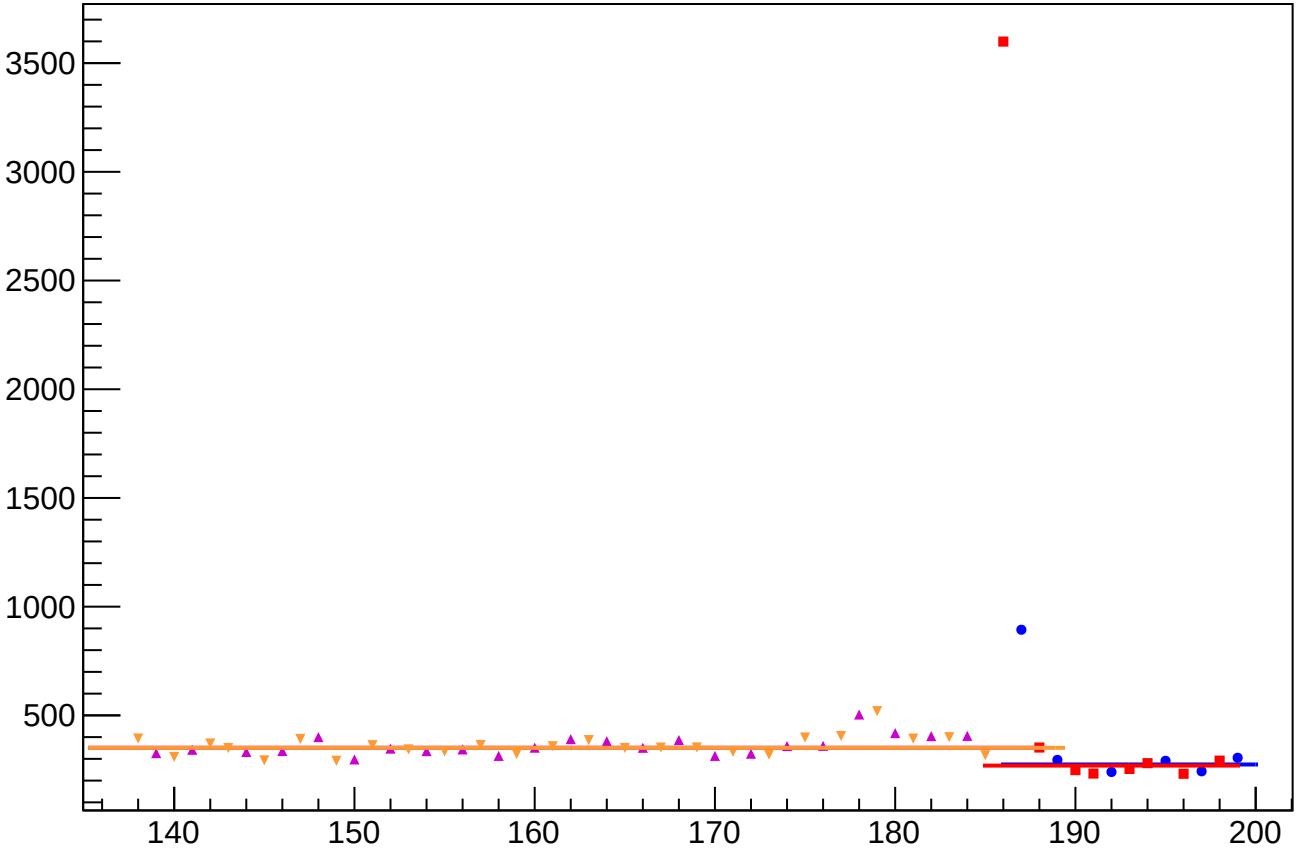
Right: -41.310+/-96.518 χ^2/NDF: 8.5/13

In: 20.148+/-73.429 χ^2/NDF:38.0/28

Out: -127.824+/-69.255 χ^2/NDF:27.7/32

All: -58.162+/-50.382 χ^2/NDF: 67.9/61

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 274.119+/-0.106 χ^2/NDF: 214433.7/5

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 269.056+/-0.089 χ^2/NDF: 797043.6/7

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

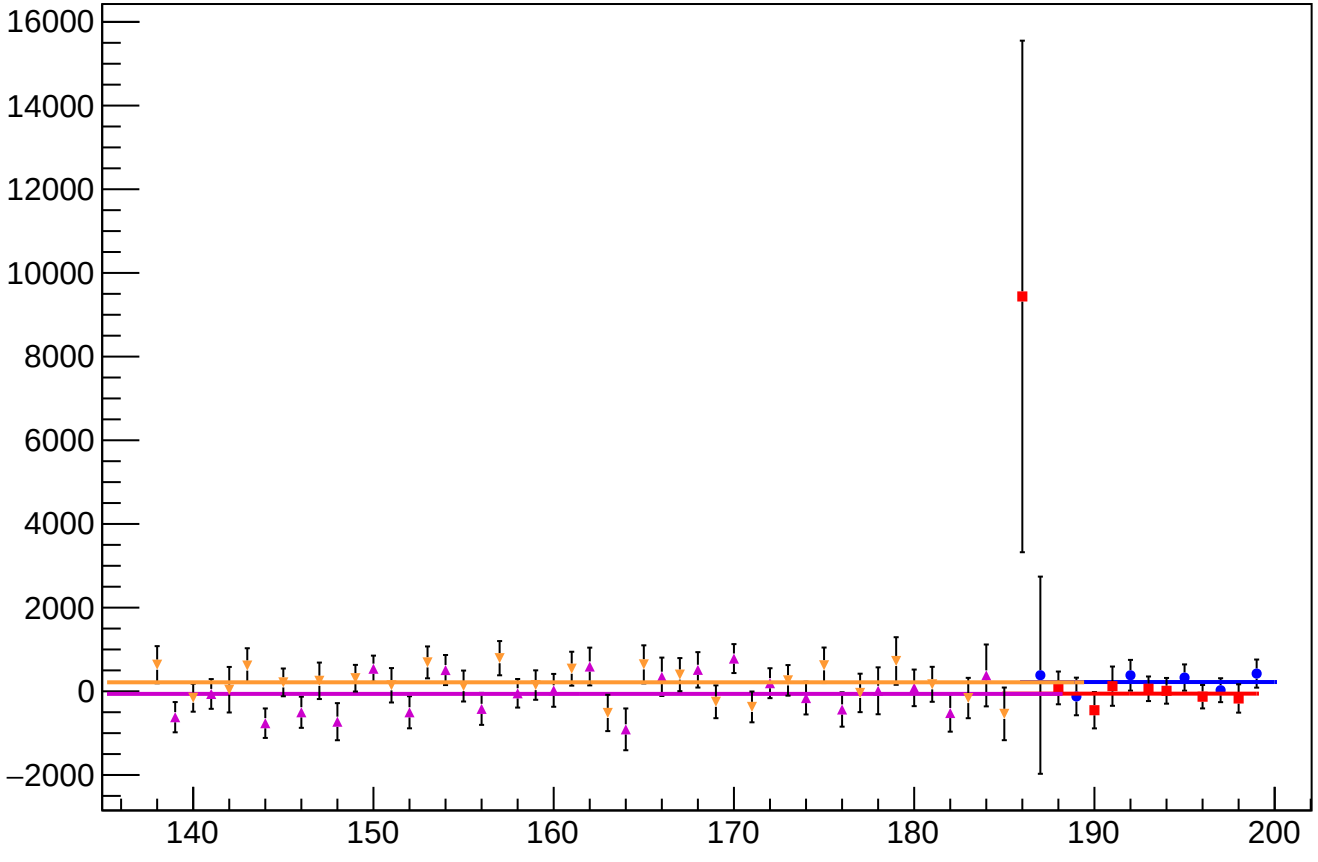
Right: 271.168+/-0.068 χ^2/NDF: 1012815.4/13

In: 332.394+/-0.052 χ^2/NDF:1040297.4/28

Out: 326.257+/-0.049 χ^2/NDF:1888262.7/32

All: 329.146+/-0.036 χ^2/NDF: 2935954.7/61

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 221.731+/-151.166 χ^2/NDF: 1.7/5

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -56.028+/-129.072 χ^2/NDF: 3.9/7

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

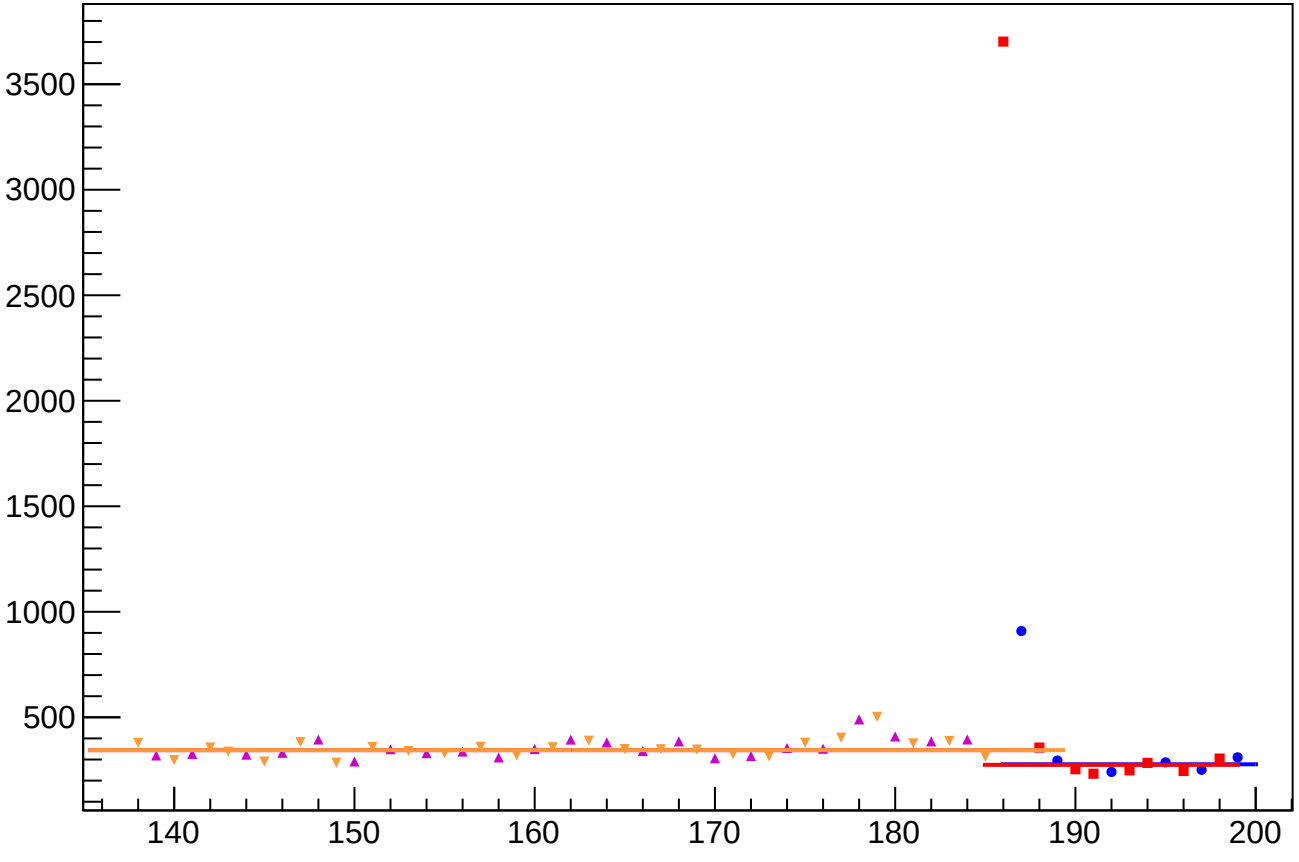
Right: 61.088+/-98.159 χ^2/NDF: 7.6/13

In: 3.737+/-72.648 χ^2/NDF:39.4/28

Out: 138.256+/-68.751 χ^2/NDF:26.6/32

All: 74.700+/-49.935 χ^2/NDF: 67.8/61

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 277.327+/-0.107 χ^2/NDF: 203919.7/5

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 274.823+/-0.091 χ^2/NDF: 792561.8/7

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

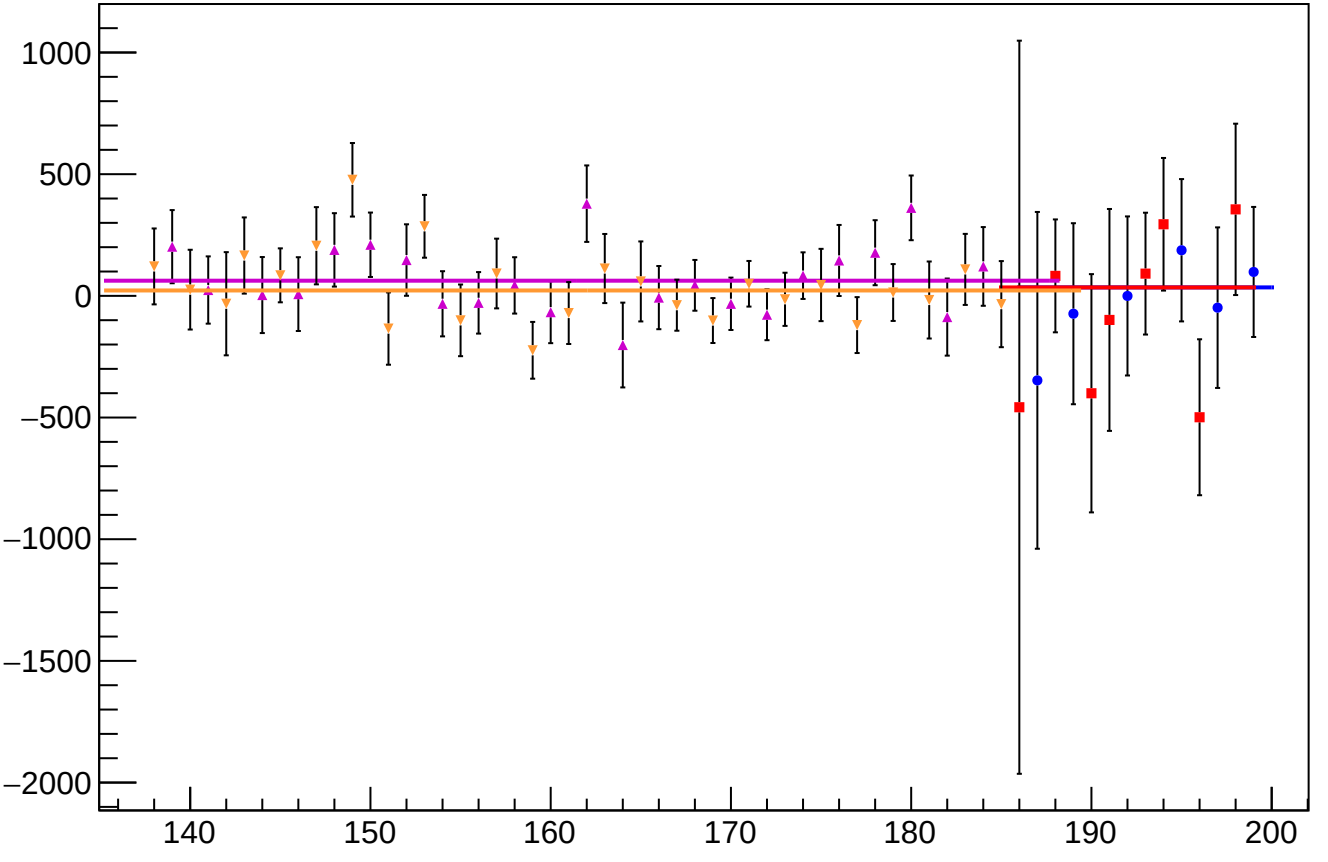
Right: 275.879+/-0.069 χ^2/NDF: 996799.1/13

In: 328.967+/-0.051 χ^2/NDF:940803.1/28

Out: 324.687+/-0.049 χ^2/NDF:1697686.8/32

All: 326.709+/-0.035 χ^2/NDF: 2642151.2/61

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 34.765+/-136.635 χ^2/NDF: 0.8/5

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 34.642+/-115.287 χ^2/NDF: 5.6/7

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

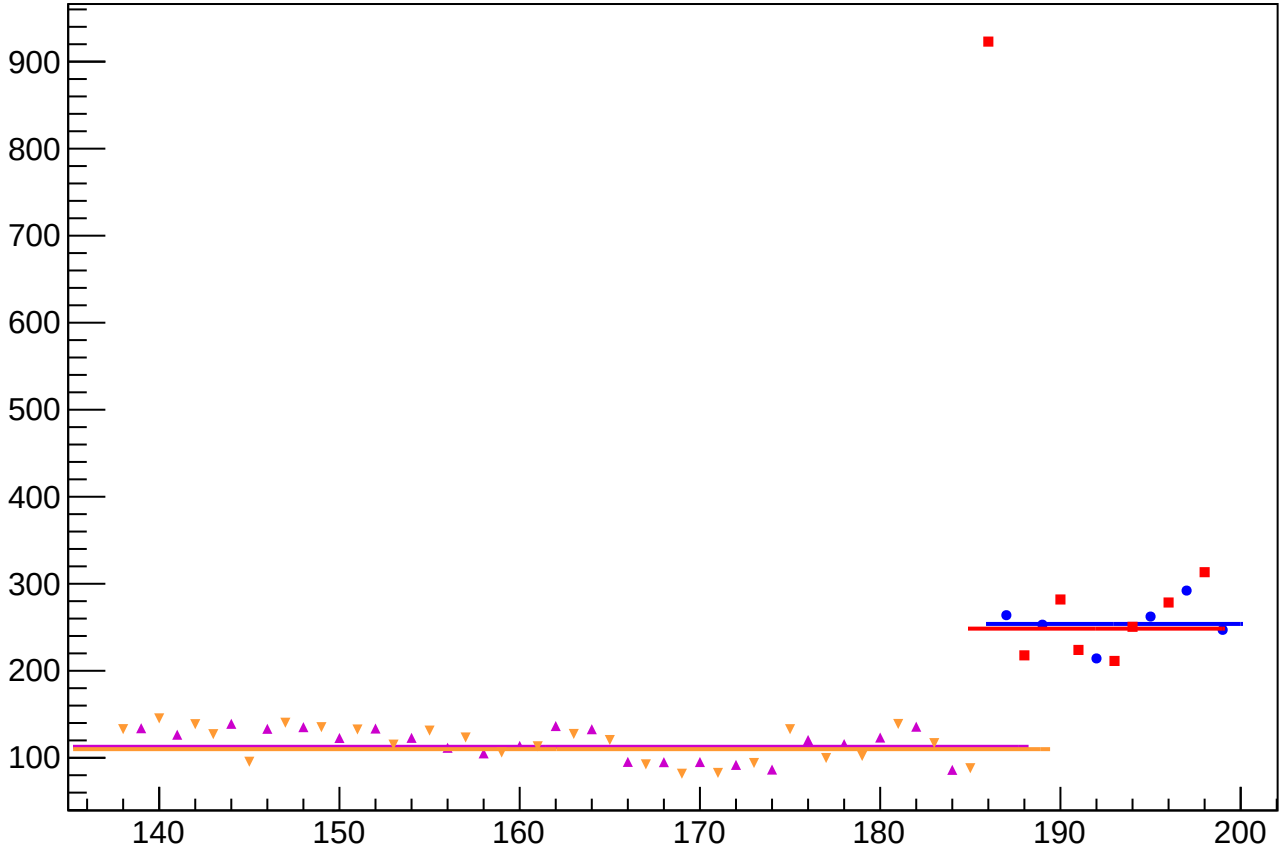
Right: 34.693+/-88.113 χ^2/NDF: 6.4/13

In: 61.245+/-26.864 χ^2/NDF:22.9/28

Out: 22.780+/-25.627 χ^2/NDF:33.7/32

All: 41.107+/-18.543 χ^2/NDF: 57.6/61

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 253.845+/-0.097 χ^2/NDF: 59823.9/5

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 248.450+/-0.082 χ^2/NDF: 580810.1/7

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

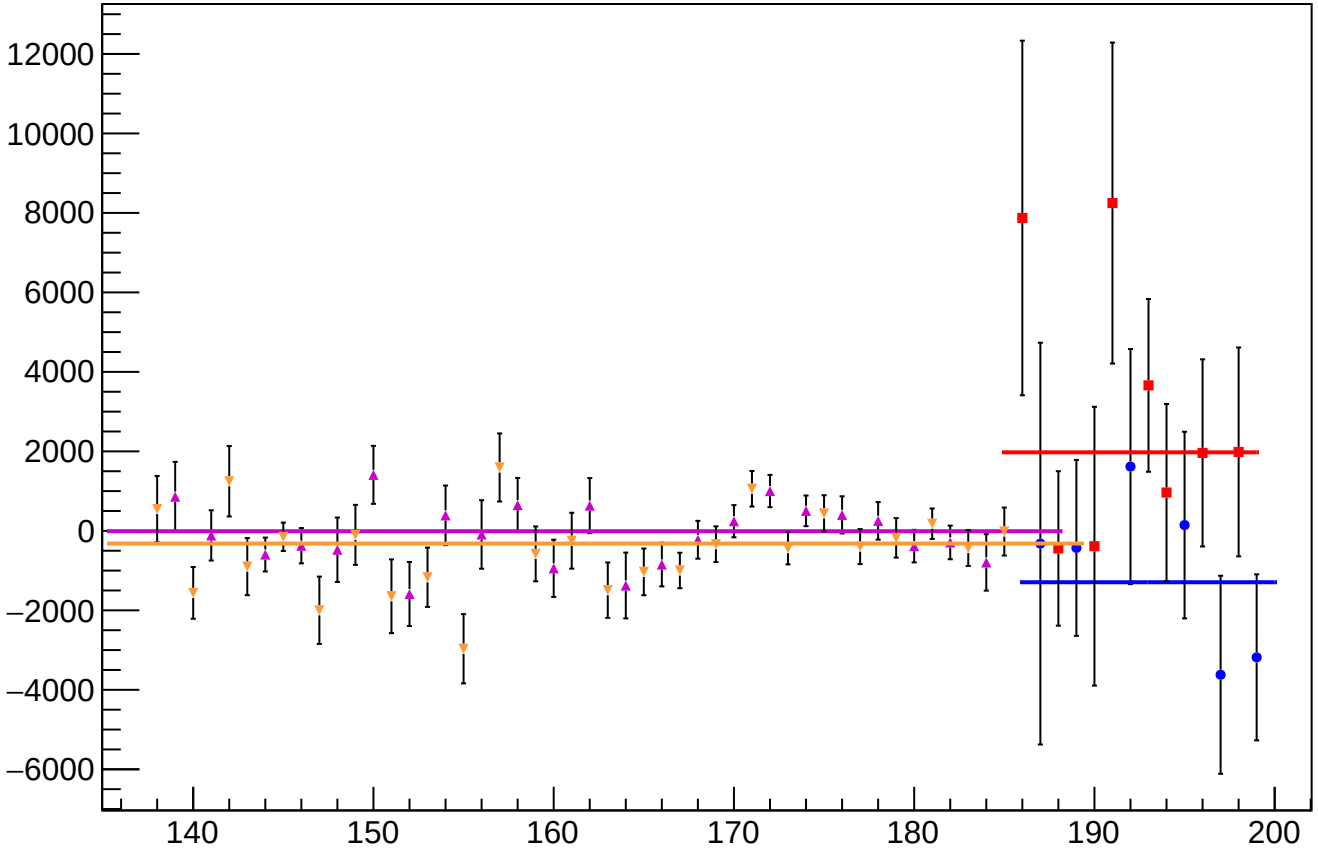
Right: 250.693+/-0.062 χ^2/NDF: 642455.3/13

In: 118.115+/-0.019 χ^2/NDF:2948599.6/28

Out: 116.796+/-0.018 χ^2/NDF:4465183.7/32

All: 117.424+/-0.013 χ^2/NDF: 7416307.0/61

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -1292.832+/-1037.433 χ^2/NDF: 3.2/5

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 1976.234+/-914.448 χ^2/NDF: 7.0/7

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

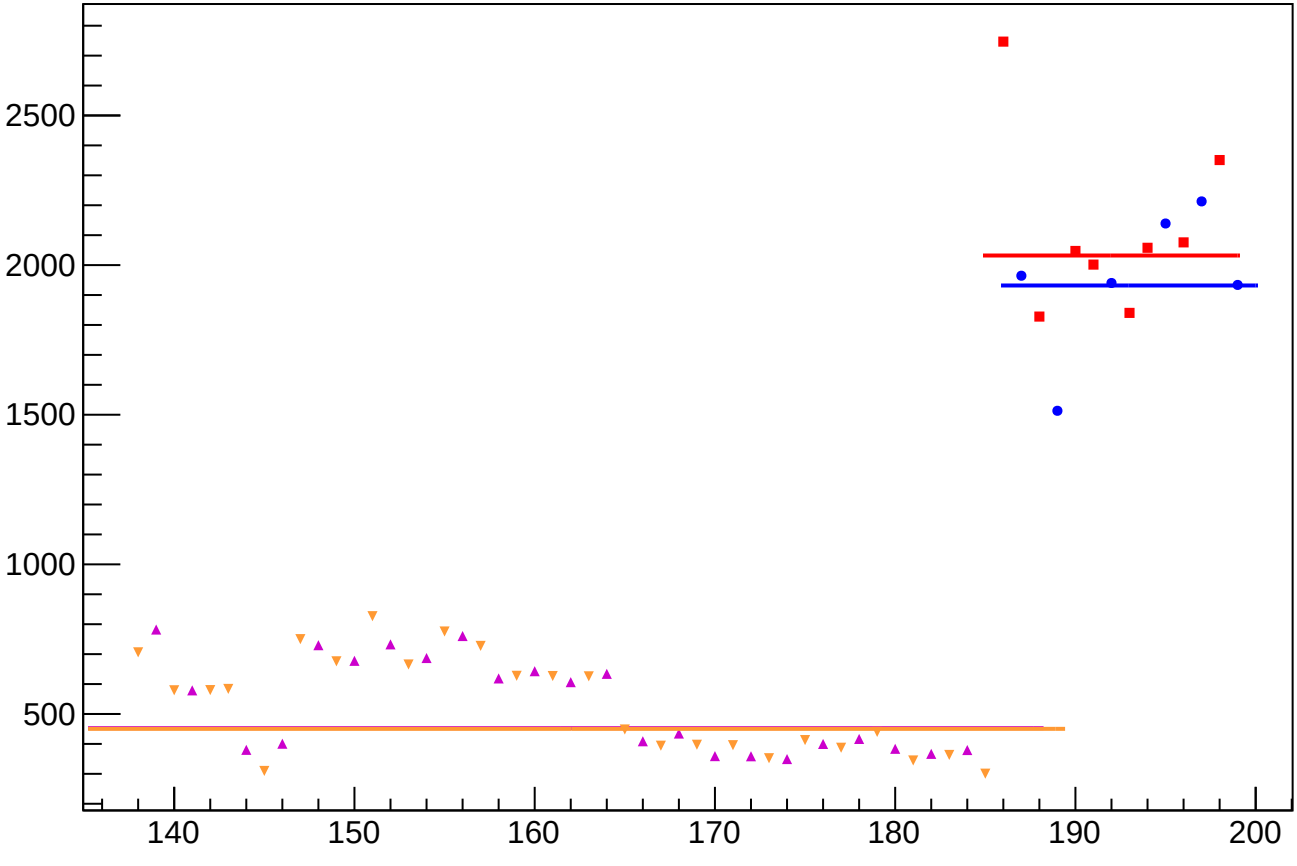
Right: 546.864+/-685.994 χ^2/NDF: 15.8/13

In: -24.336+/-111.687 χ^2/NDF:37.2/28

Out: -286.468+/-109.512 χ^2/NDF:64.7/32

All: -157.980+/-78.194 χ^2/NDF: 104.7/61

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1931.889+/-0.734 χ^2/NDF: 112671.1/5

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 2032.071+/-0.647 χ^2/NDF: 119542.9/7

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

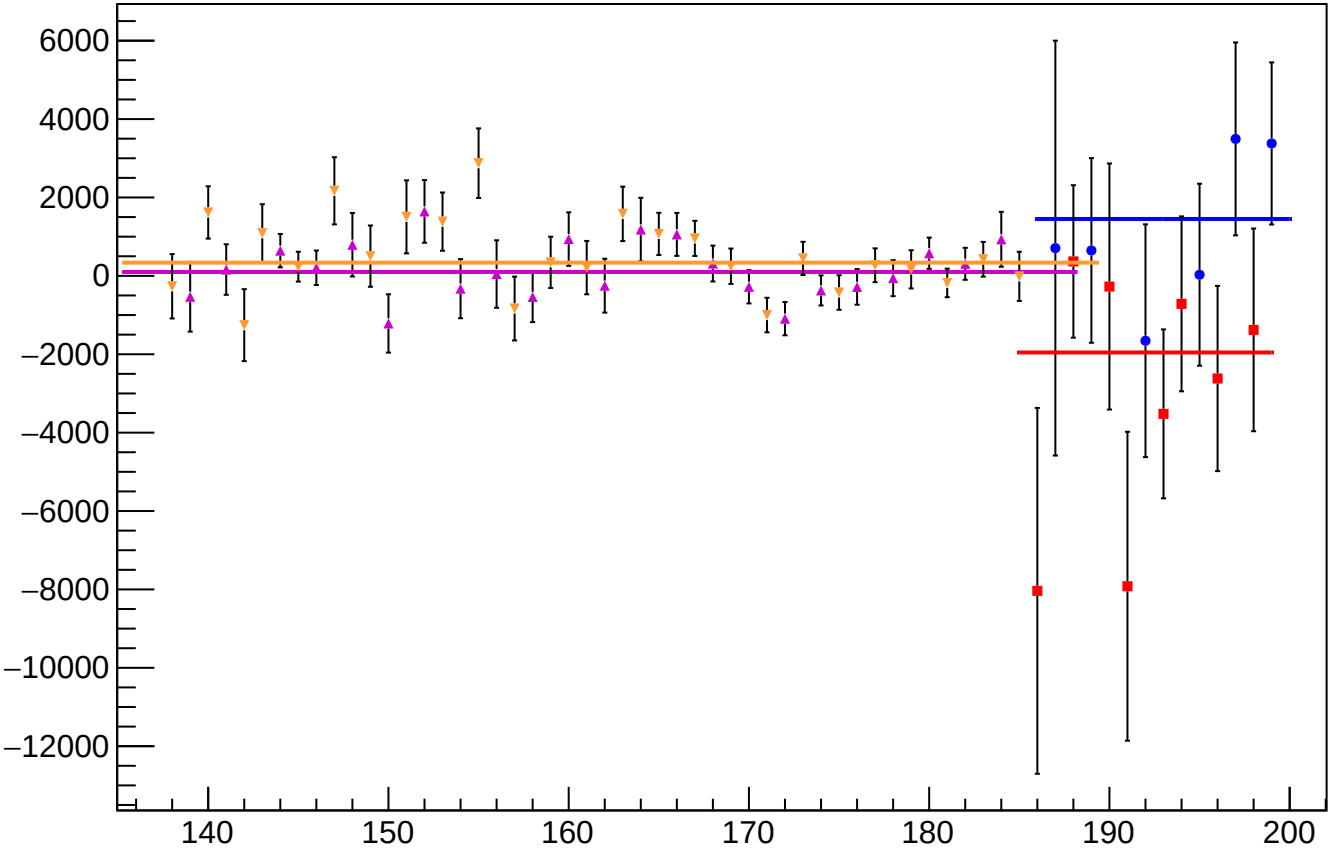
Right: 1988.267+/-0.485 χ^2/NDF: 242709.7/13

In: 469.838+/-0.079 χ^2/NDF:6717518.9/28

Out: 473.047+/-0.077 χ^2/NDF:9113785.1/32

All: 471.474+/-0.055 χ^2/NDF: 15832145.9/61

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1451.858+/-1046.164 χ^2/NDF: 3.2/5

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -1954.400+/-905.024 χ^2/NDF: 6.7/7

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

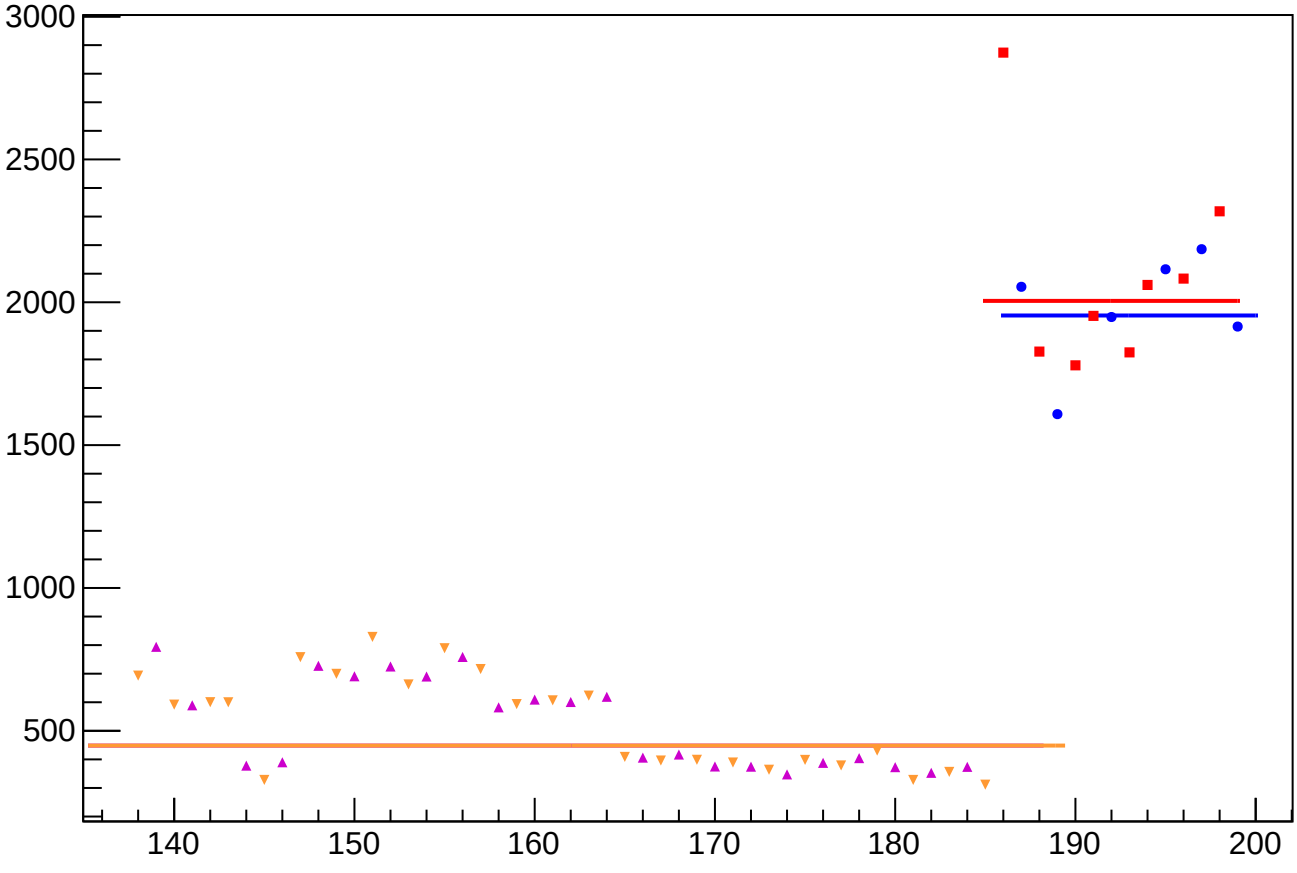
Right: -496.382+/-684.451 χ^2/NDF: 15.9/13

In: 114.658+/-110.847 χ^2/NDF:36.9/28

Out: 304.677+/-109.031 χ^2/NDF:61.6/32

All: 211.237+/-77.731 χ^2/NDF: 99.9/61

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1953.728+/-0.740 χ^2/NDF: 71902.6/5

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 2004.833+/-0.640 χ^2/NDF: 143475.1/7

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

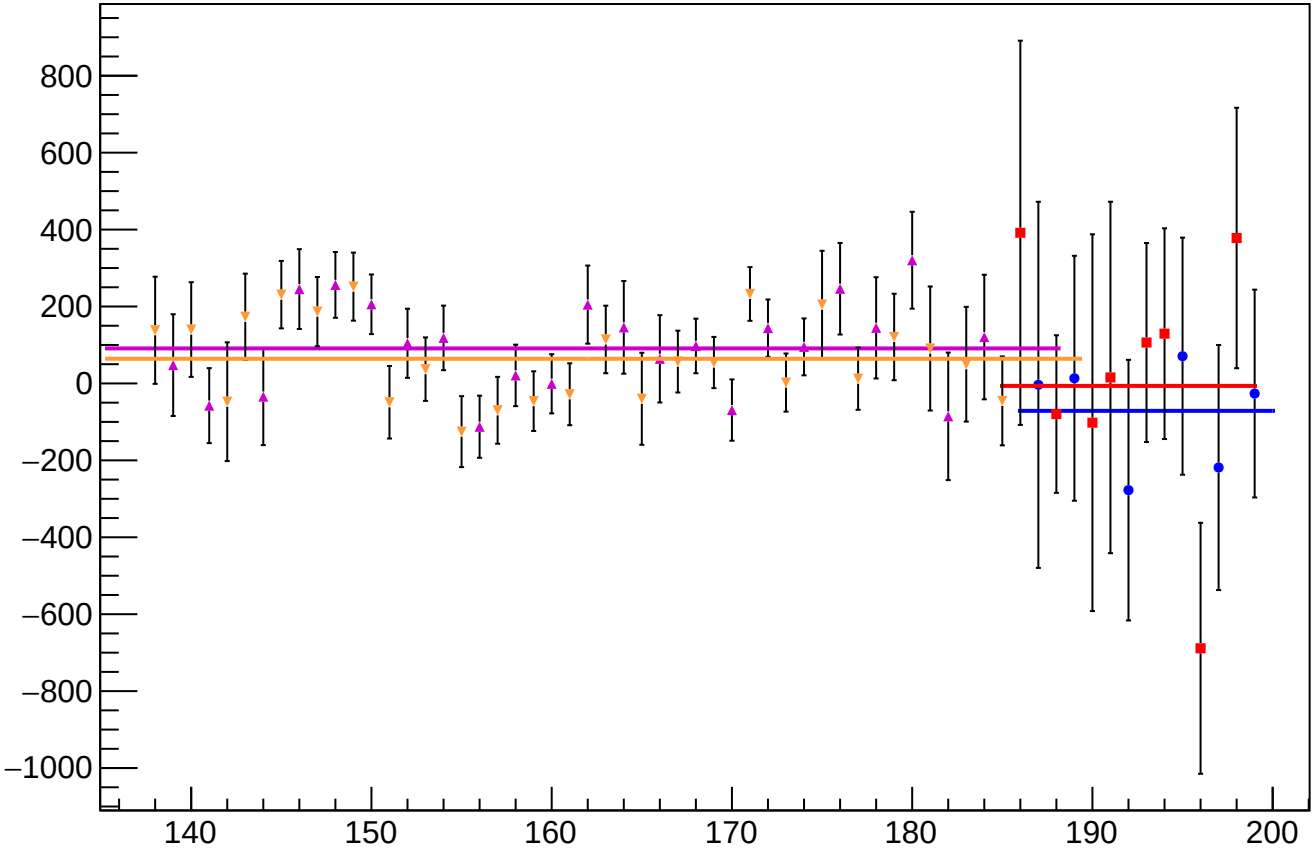
Right: 1982.958+/-0.484 χ^2/NDF: 218107.4/13

In: 465.140+/-0.078 χ^2/NDF:6730632.4/28

Out: 470.986+/-0.077 χ^2/NDF:9050052.8/32

All: 468.111+/-0.055 χ^2/NDF: 15783512.7/61

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -71.303+/-132.375 χ^2/NDF: 0.9/5

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: -6.432+/-109.652 χ^2/NDF: 6.9/7

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

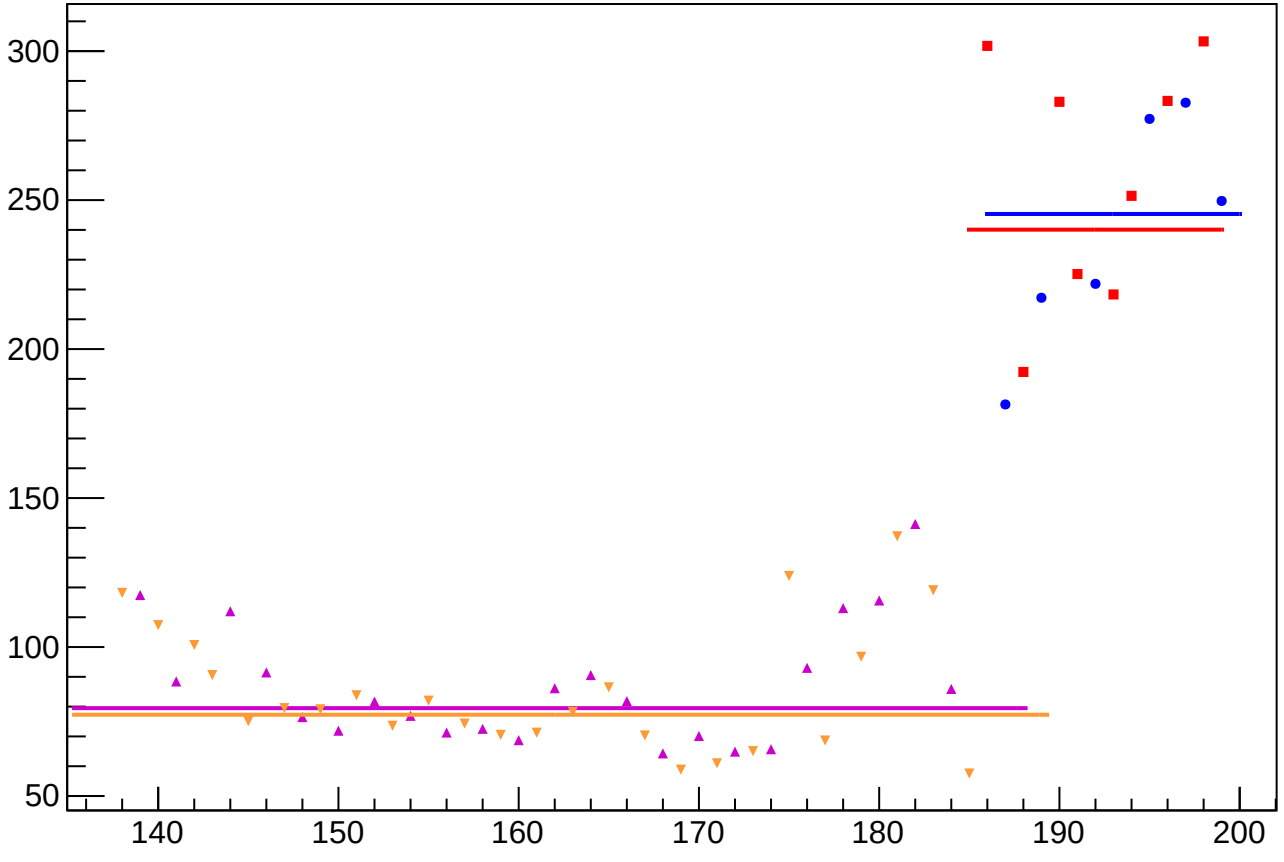
Right: -32.830+/-84.444 χ^2/NDF: 8.0/13

In: 87.533+/-19.425 χ^2/NDF:35.0/28

Out: 62.141+/-18.460 χ^2/NDF:41.1/32

All: 74.191+/-13.381 χ^2/NDF: 77.0/61

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 245.346+/-0.094 χ^2/NDF: 110685.9/5

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 240.087+/-0.078 χ^2/NDF: 278928.2/7

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

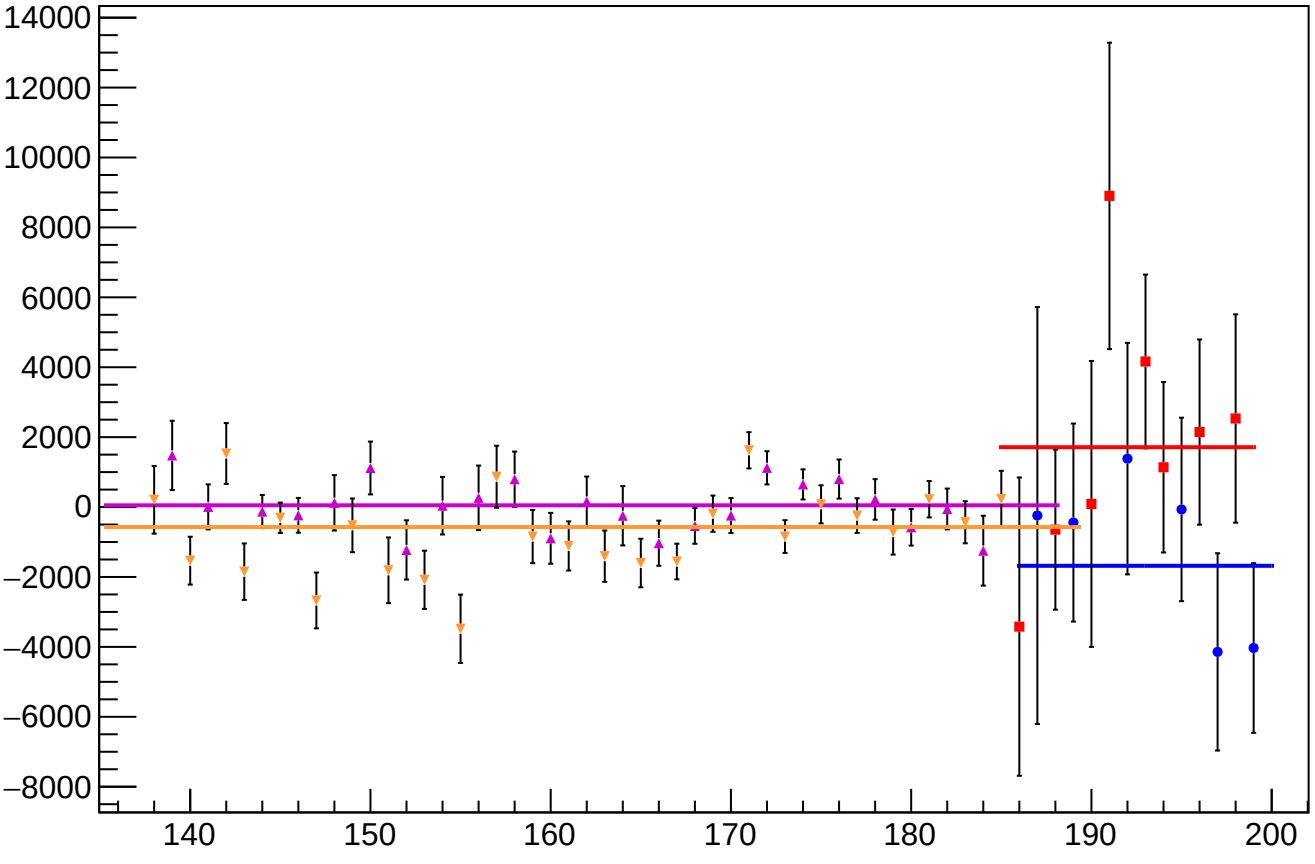
Right: 242.227+/-0.060 χ^2/NDF: 391486.2/13

In: 83.063+/-0.014 χ^2/NDF:4516435.8/28

Out: 81.894+/-0.013 χ^2/NDF:6116397.4/32

All: 82.449+/-0.009 χ^2/NDF: 10636637.5/61

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -1680.365+/-1208.712 χ^2/NDF: 3.2/5

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 1712.410+/-1029.871 χ^2/NDF: 6.5/7

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

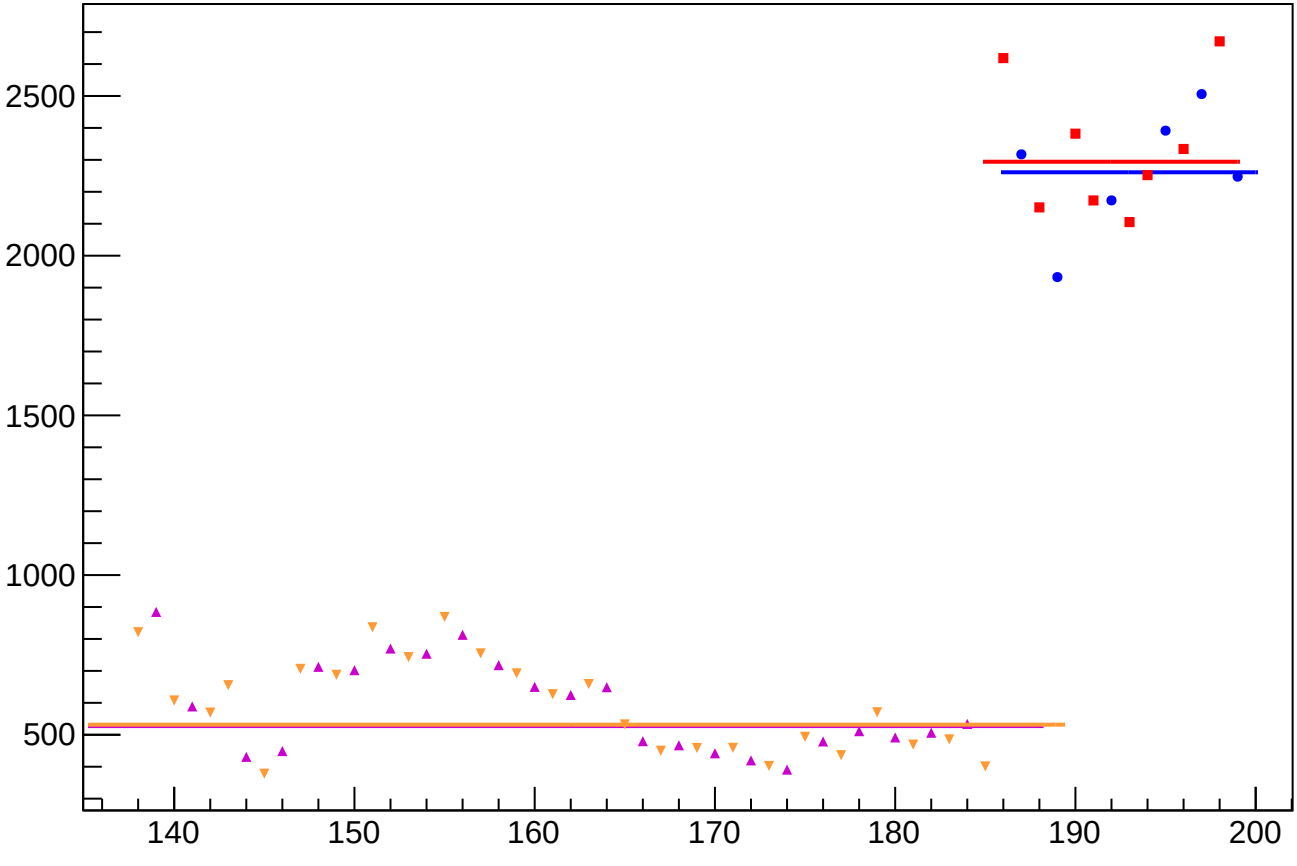
Right: 285.352+/-783.909 χ^2/NDF: 14.2/13

In: 30.533+/-128.455 χ^2/NDF:31.4/28

Out: -536.838+/-127.177 χ^2/NDF:78.1/32

All: -255.989+/-90.376 χ^2/NDF: 119.3/61

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 2261.138+/-0.855 χ^2/NDF: 48495.3/5

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2294.135+/-0.728 χ^2/NDF: 66409.8/7

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

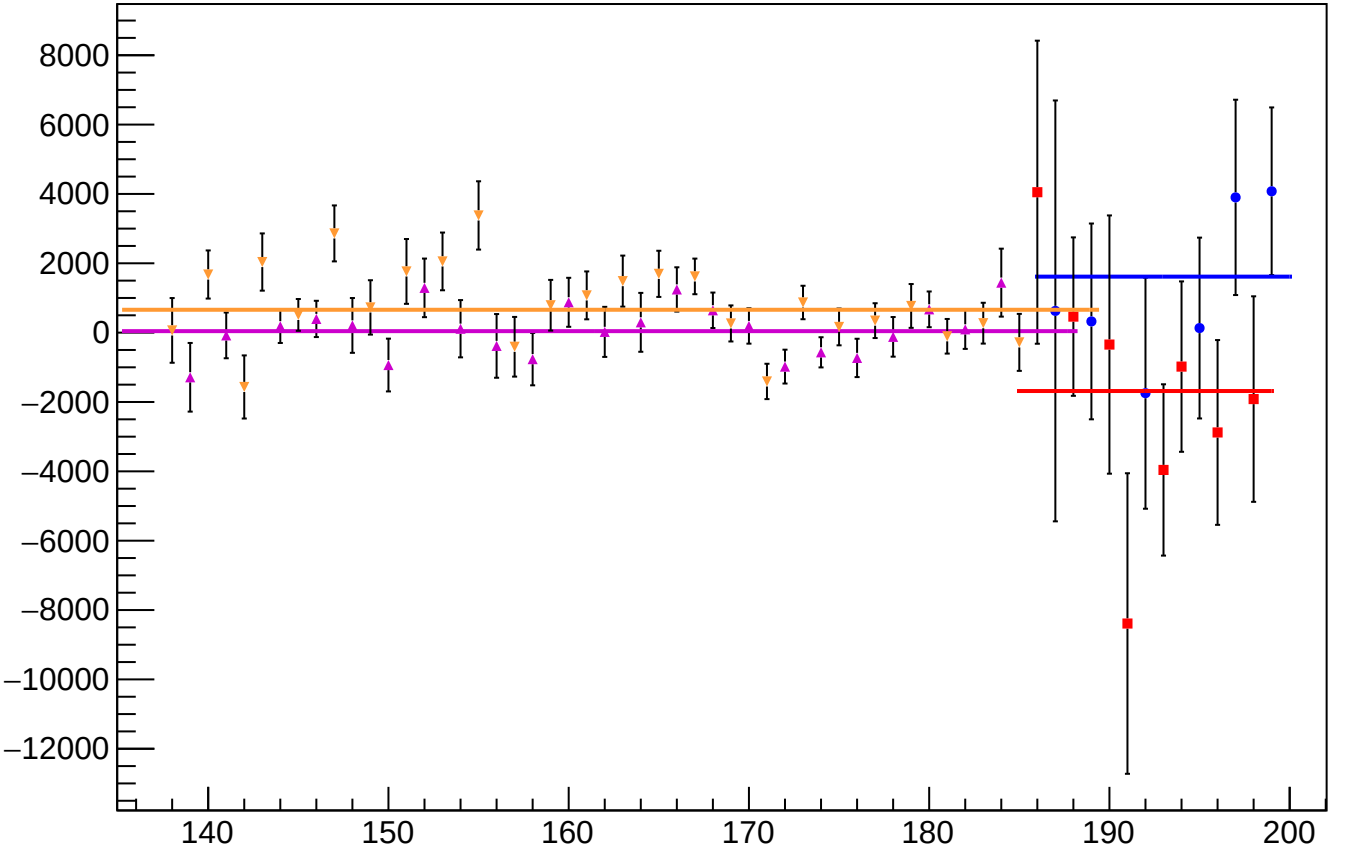
Right: 2280.256+/-0.554 χ^2/NDF: 115768.7/13

In: 546.766+/-0.091 χ^2/NDF:5931254.0/28

Out: 558.520+/-0.090 χ^2/NDF:7872974.7/32

All: 552.702+/-0.064 χ^2/NDF: 13812684.5/61

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1615.024+/-1206.649 χ^2/NDF: 3.3/5

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -1683.766+/-1024.079 χ^2/NDF: 6.3/7

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

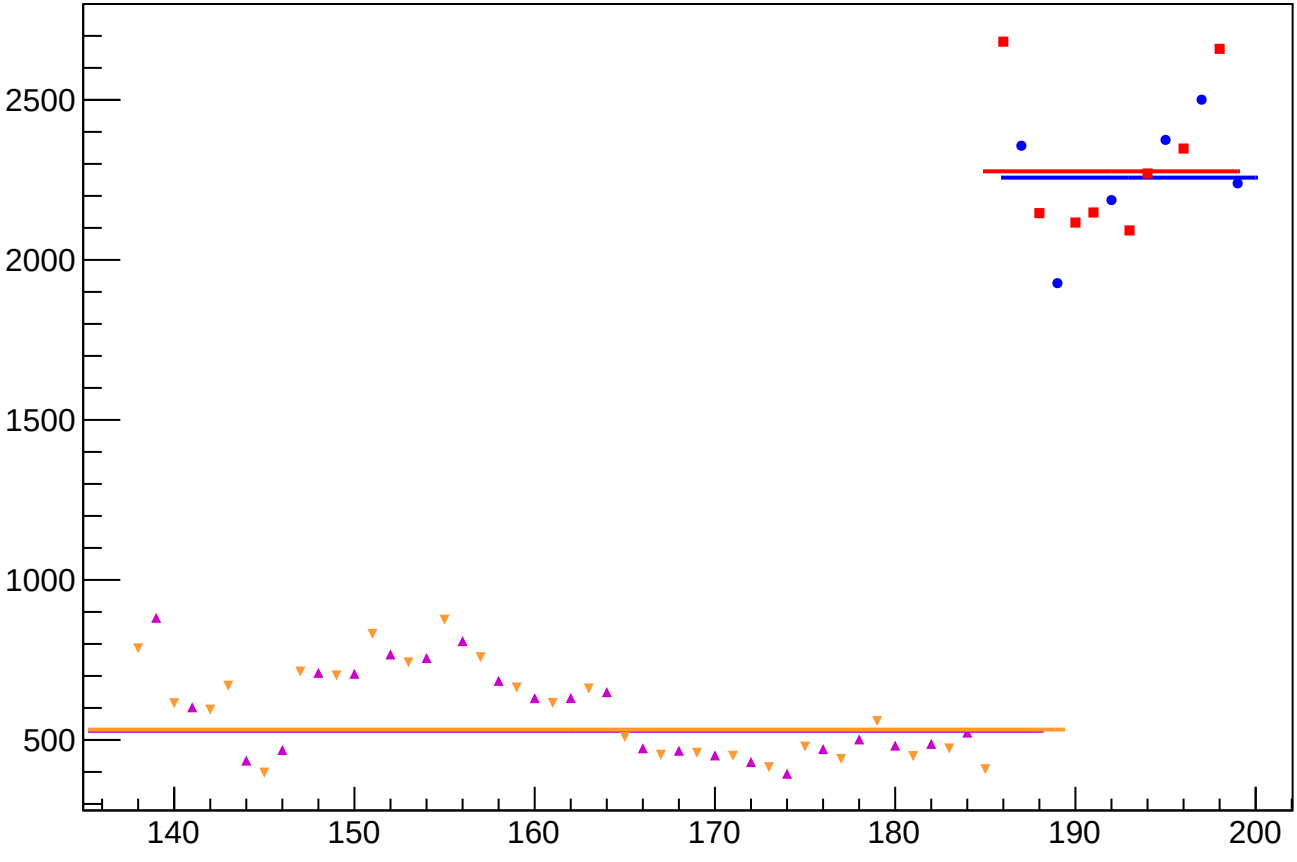
Right: -302.559+/-780.788 χ^2/NDF: 13.9/13

In: 61.092+/-128.798 χ^2/NDF:31.0/28

Out: 623.387+/-127.172 χ^2/NDF:73.8/32

All: 345.810+/-90.494 χ^2/NDF: 114.5/61

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2257.067+/-0.853 χ^2/NDF: 47866.5/5

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2276.778+/-0.724 χ^2/NDF: 75150.7/7

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

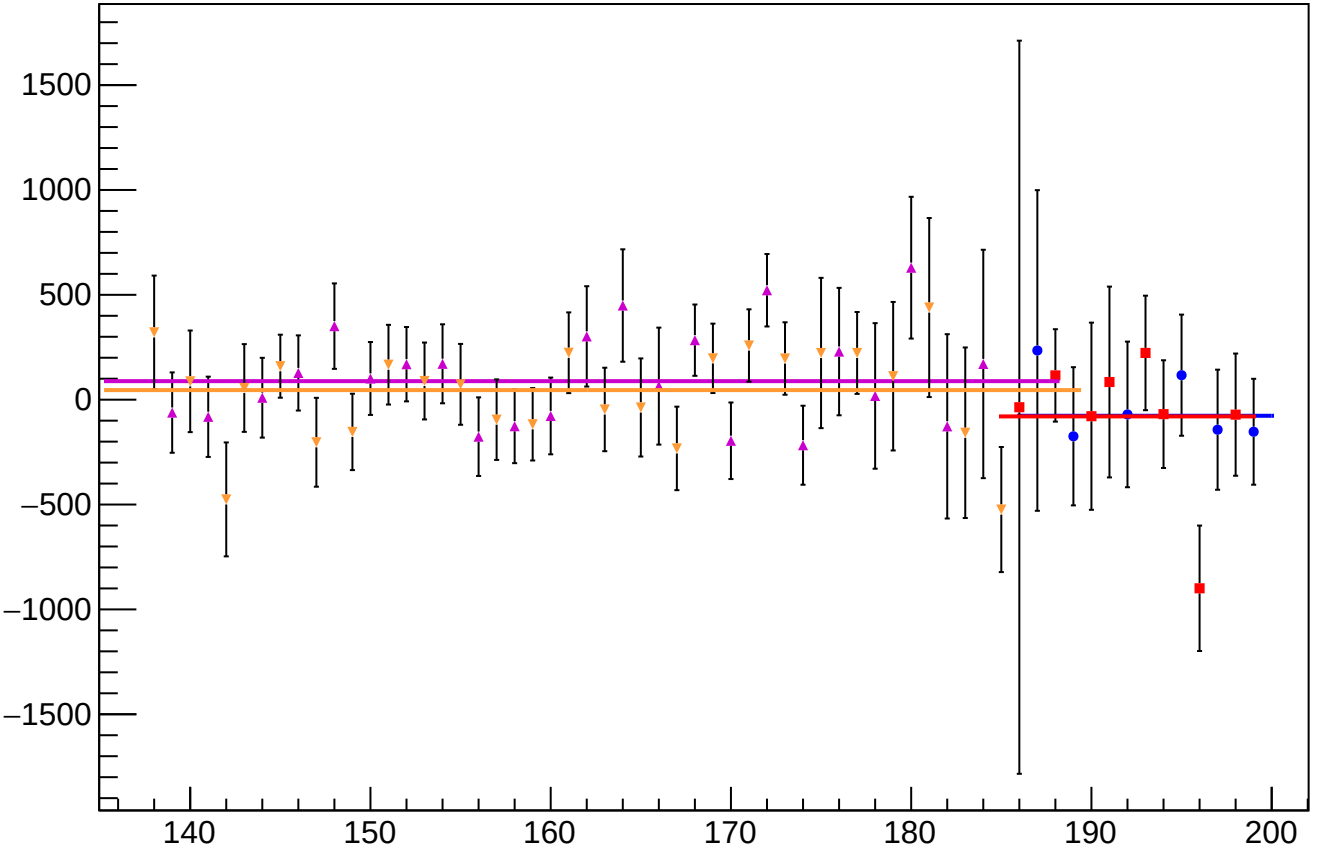
Right: 2268.525+/-0.552 χ^2/NDF: 123327.4/13

In: 548.159+/-0.091 χ^2/NDF:5817634.2/28

Out: 559.293+/-0.090 χ^2/NDF:7731665.2/32

All: 553.797+/-0.064 χ^2/NDF: 13556867.0/61

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -76.715+/-130.090 χ^2/NDF: 0.8/5

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: -79.727+/-110.221 χ^2/NDF: 9.7/7

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

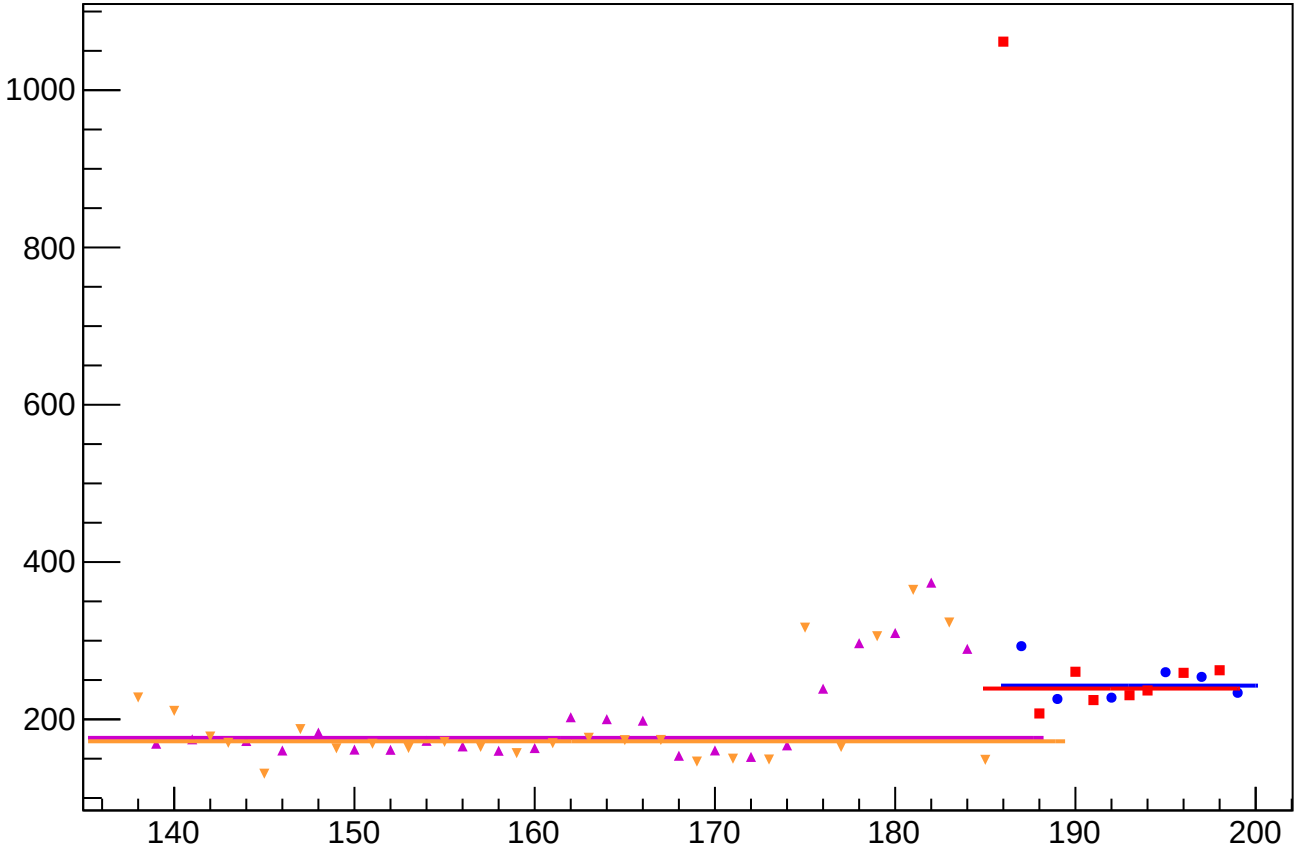
Right: -78.469+/-84.095 χ^2/NDF: 10.5/13

In: 71.742+/-41.270 χ^2/NDF:28.7/28

Out: 29.921+/-39.066 χ^2/NDF:32.7/32

All: 49.686+/-28.371 χ^2/NDF: 61.9/61

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 242.880+/-0.092 χ^2/NDF: 30434.2/5

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 239.162+/-0.078 χ^2/NDF: 514691.3/7

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

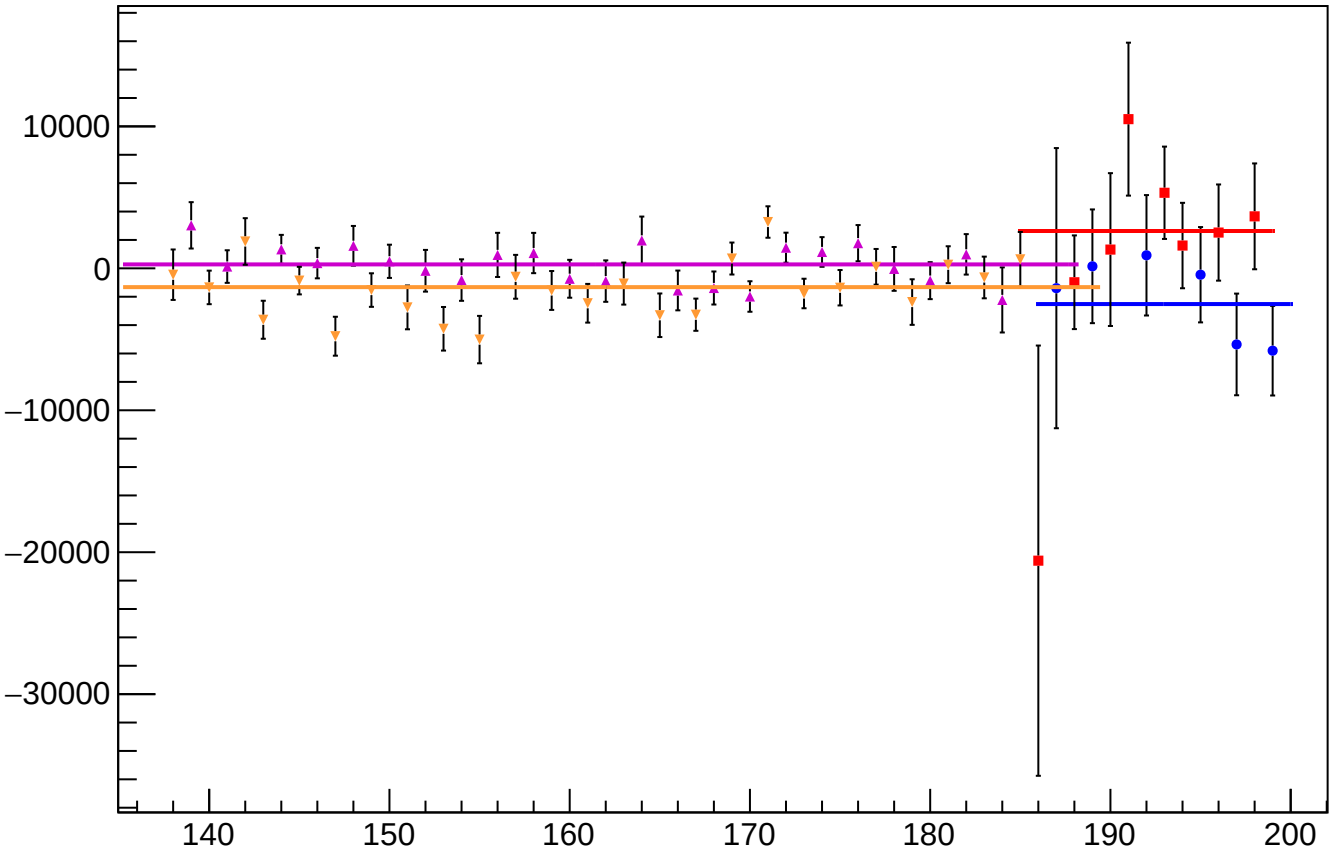
Right: 240.716+/-0.059 χ^2/NDF: 546076.8/13

In: 183.113+/-0.029 χ^2/NDF:1860436.8/28

Out: 180.522+/-0.028 χ^2/NDF:2914612.3/32

All: 181.747+/-0.020 χ^2/NDF: 4779207.7/61

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -2517.010+/-1590.701 χ^2/NDF: 3.2/5

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 2629.903+/-1374.744 χ^2/NDF: 6.6/7

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

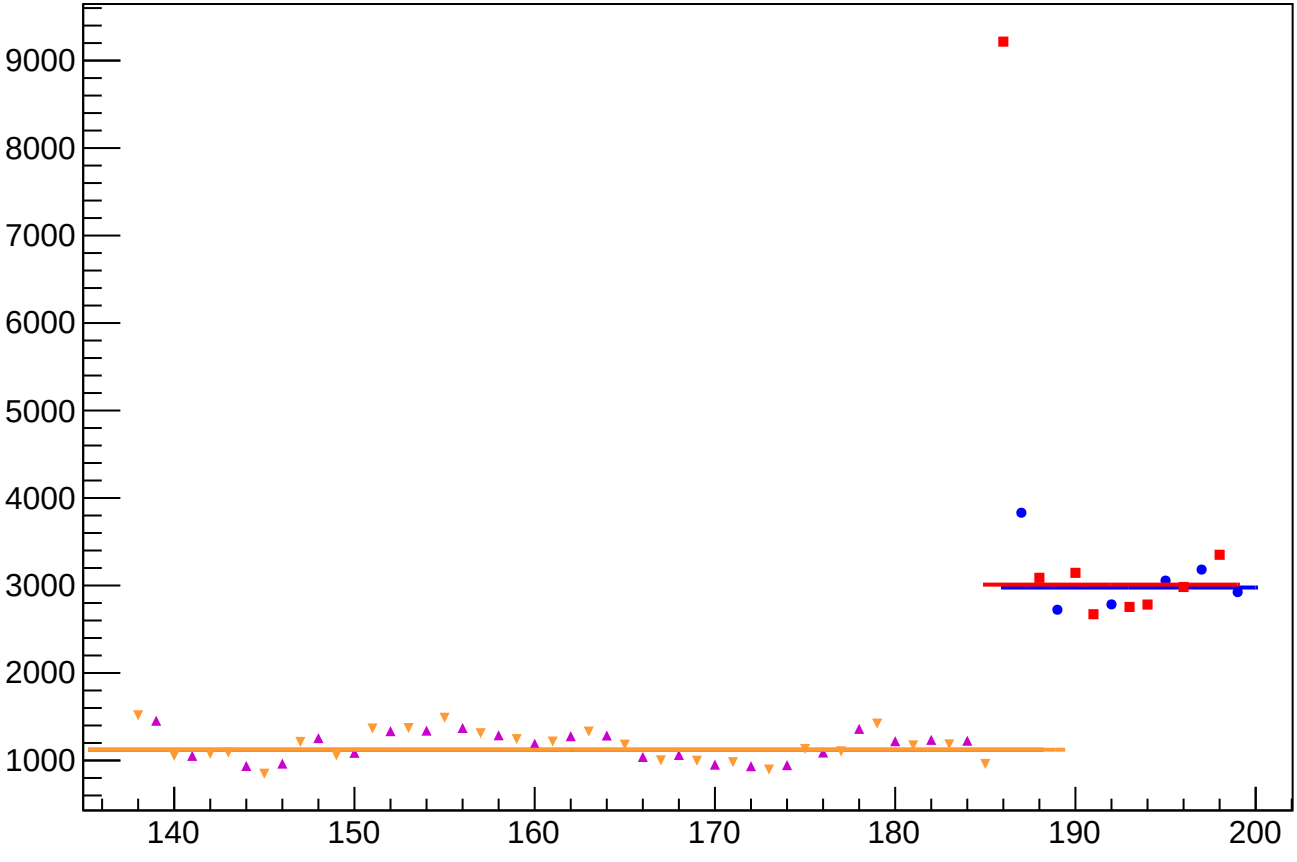
Right: 429.290+/-1040.128 χ^2/NDF: 15.8/13

In: 198.136+/-266.717 χ^2/NDF:28.2/28

Out: -1181.719+/-261.109 χ^2/NDF:68.2/32

All: -506.450+/-186.583 χ^2/NDF: 110.1/61

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 2976.833+/-1.125 χ^2/NDF: 35400.6/5

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 3010.183+/-0.972 χ^2/NDF: 386309.3/7

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

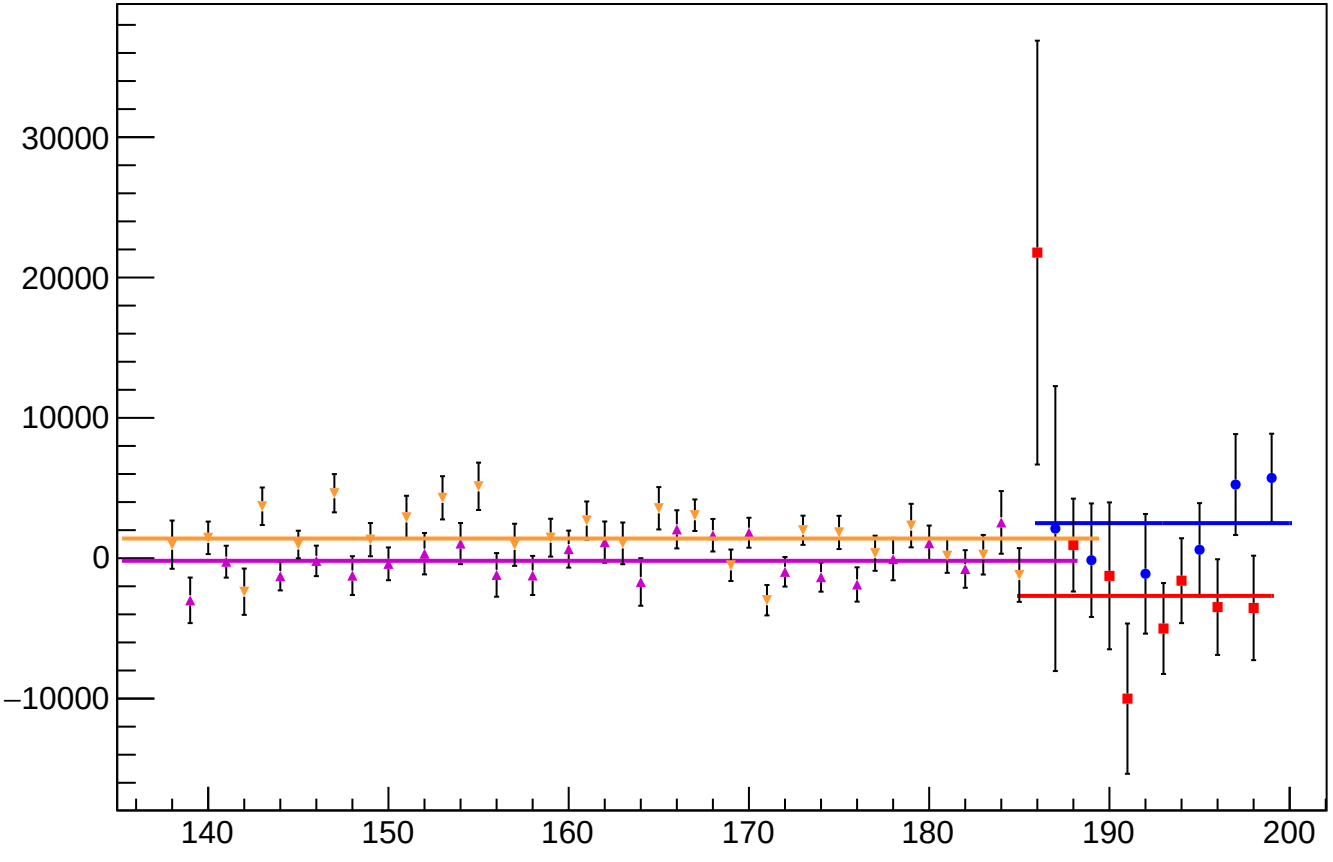
Right: 2995.924+/-0.735 χ^2/NDF: 422213.2/13

In: 1175.262+/-0.189 χ^2/NDF:3364793.4/28

Out: 1191.100+/-0.185 χ^2/NDF:4861554.8/32

All: 1183.349+/-0.132 χ^2/NDF: 8229949.2/61

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 2500.891+/-1592.397 χ^2/NDF: 3.1/5

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -2682.188+/-1373.424 χ^2/NDF: 6.5/7

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

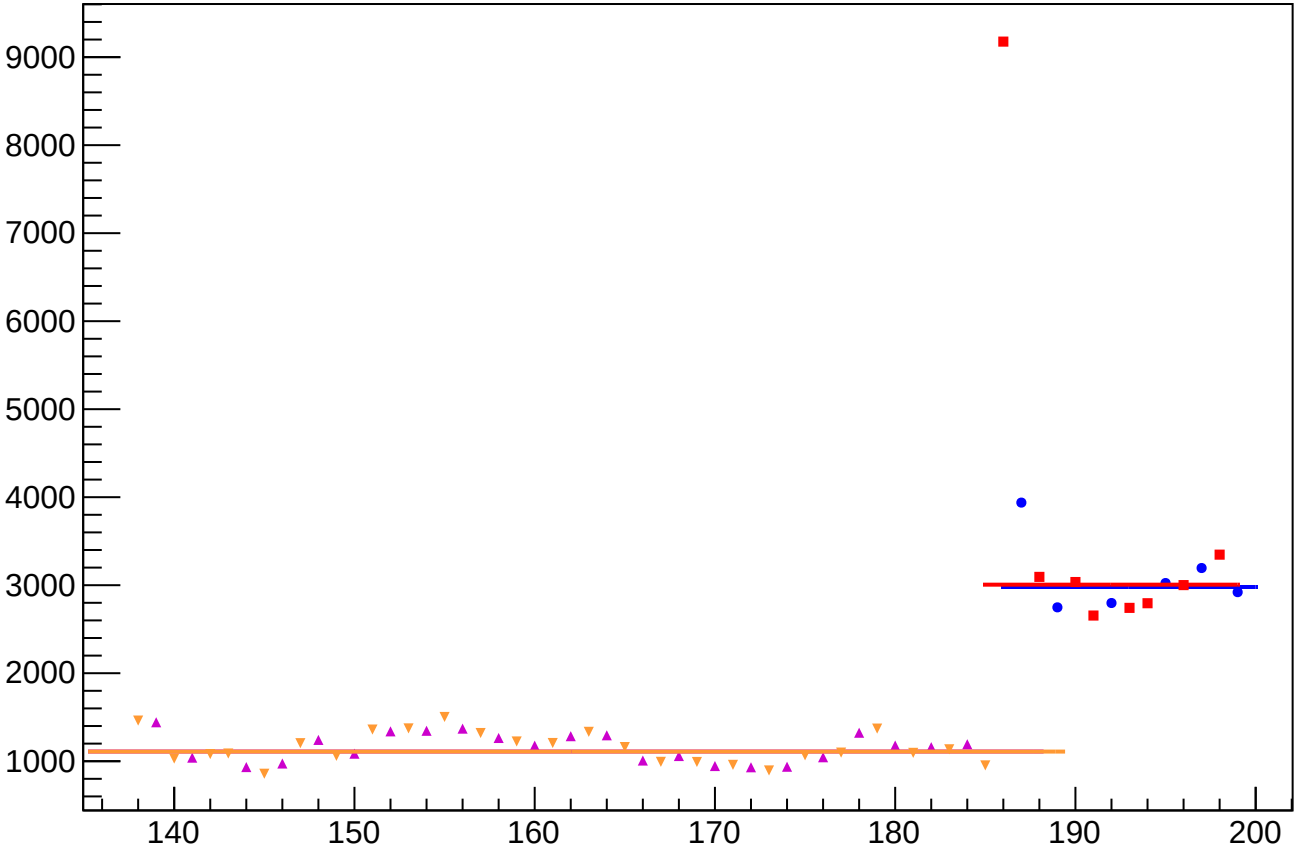
Right: -471.251+/-1040.029 χ^2/NDF: 15.7/13

In: -109.519+/-263.919 χ^2/NDF:29.6/28

Out: 1260.710+/-257.849 χ^2/NDF:68.2/32

All: 591.533+/-184.435 χ^2/NDF: 111.5/61

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2979.604+/-1.126 χ^2/NDF: 36275.8/5

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 3006.038+/-0.971 χ^2/NDF: 383854.0/7

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

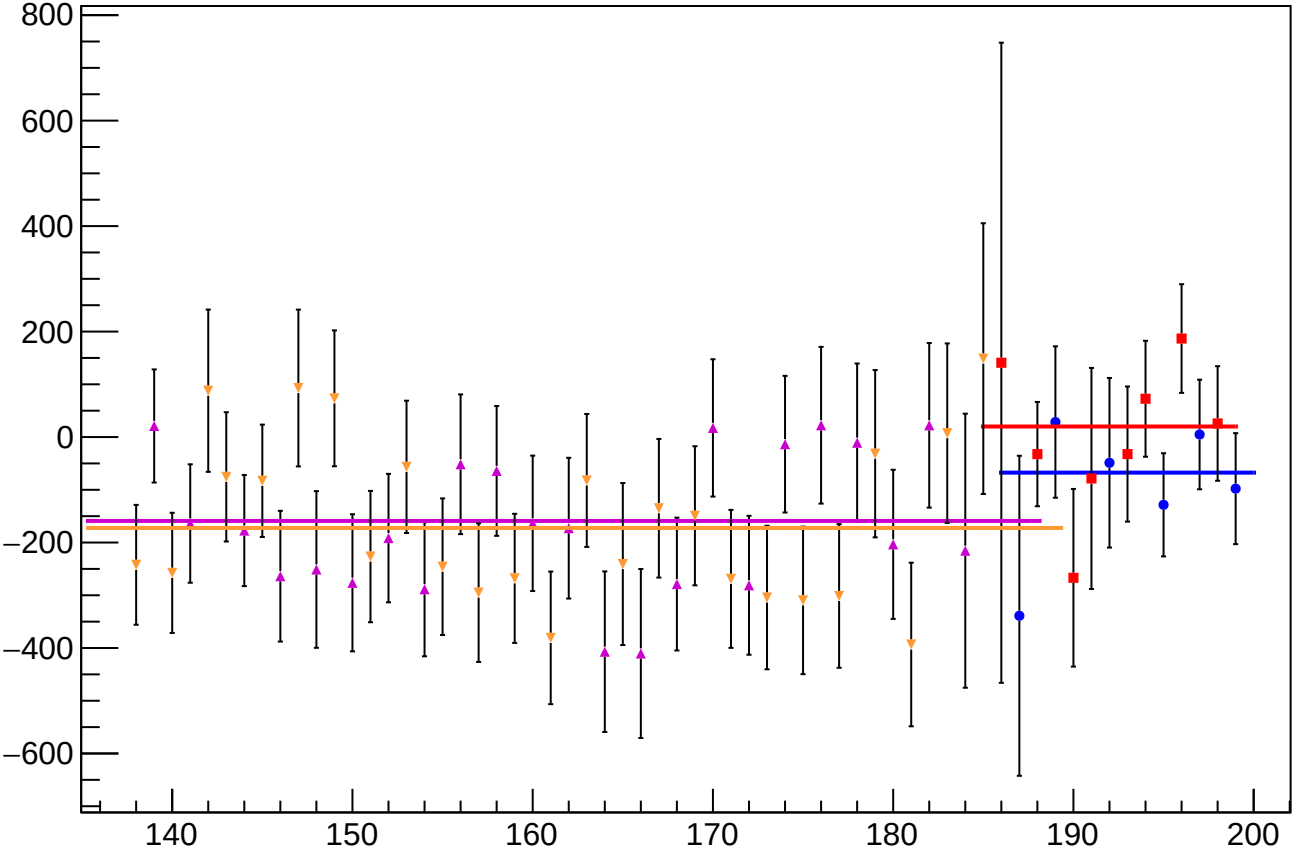
Right: 2994.762+/-0.735 χ^2/NDF: 420445.8/13

In: 1161.513+/-0.187 χ^2/NDF:3390244.4/28

Out: 1176.419+/-0.182 χ^2/NDF:4875775.1/32

All: 1169.140+/-0.130 χ^2/NDF: 8269283.5/61

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -67.451+/-50.932 χ^2/NDF: 2.2/5

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: 20.004+/-45.373 χ^2/NDF: 6.5/7

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

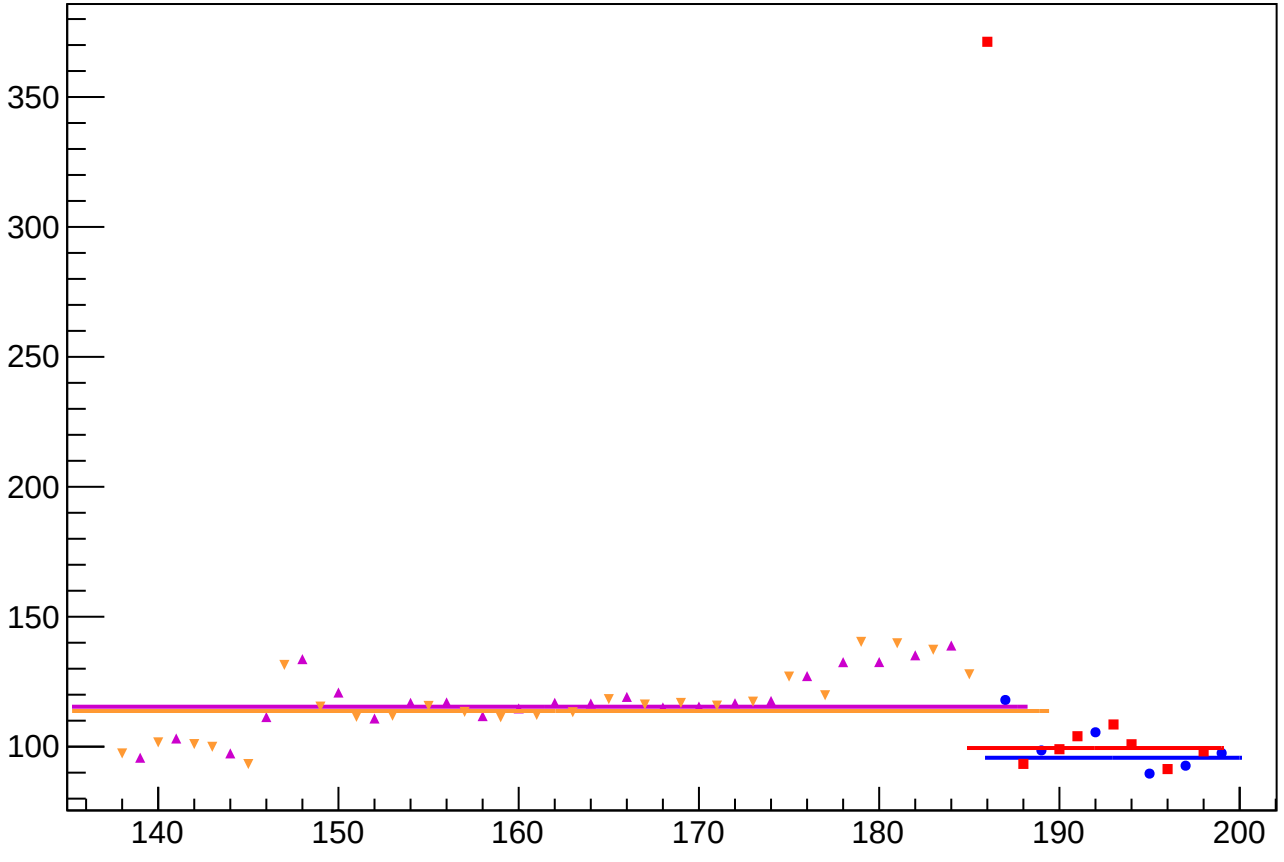
Right: -18.692+/-33.879 χ^2/NDF: 10.3/13

In: -138.243+/-24.271 χ^2/NDF:25.8/28

Out: -122.854+/-23.017 χ^2/NDF:47.0/32

All: -130.141+/-16.701 χ^2/NDF: 73.0/61

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.730+/-0.036 χ^2/NDF: 29041.8/5

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 99.480+/-0.032 χ^2/NDF: 432600.9/7

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

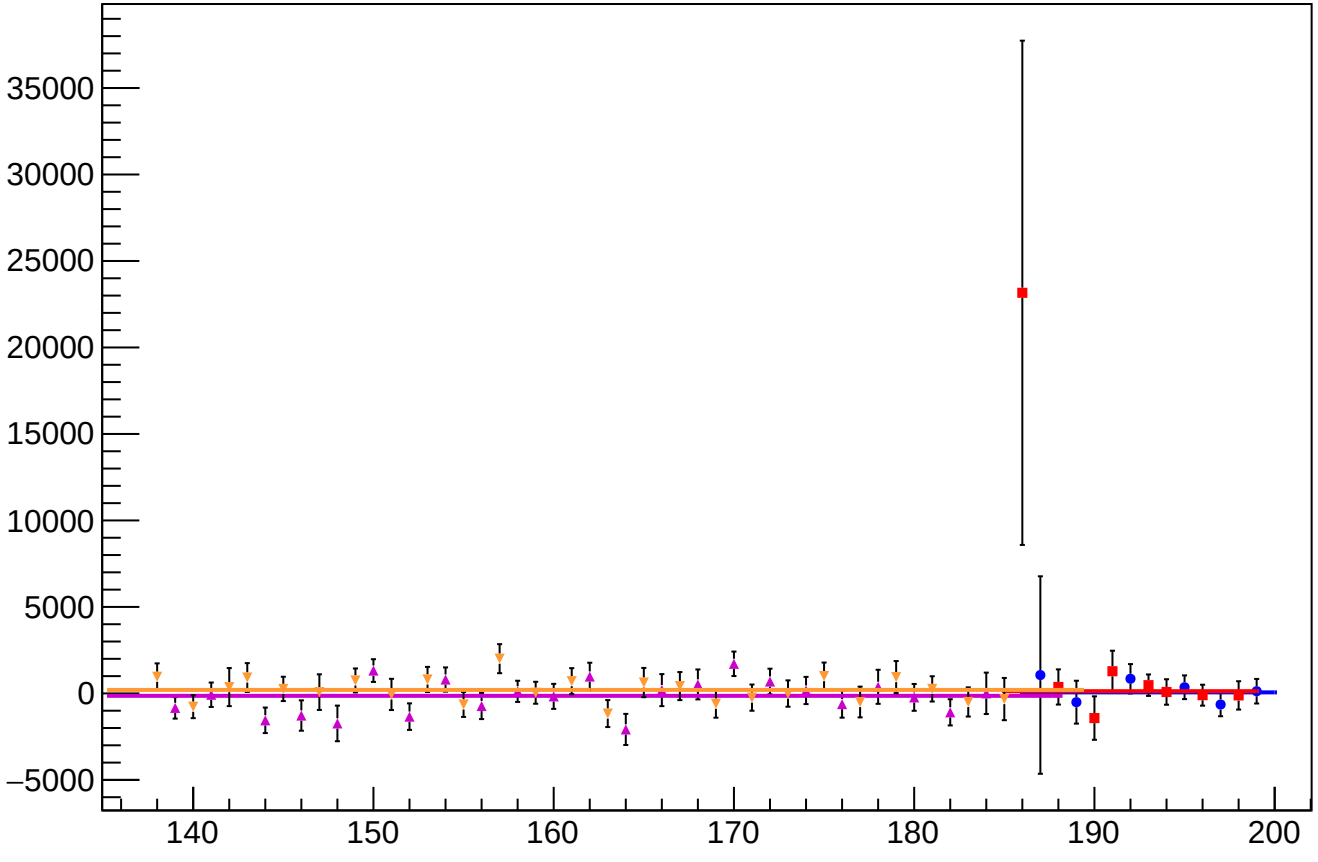
Right: 97.821+/-0.024 χ^2/NDF: 467687.7/13

In: 110.915+/-0.017 χ^2/NDF:568086.1/28

Out: 110.061+/-0.016 χ^2/NDF:971197.4/32

All: 110.465+/-0.012 χ^2/NDF: 1540587.6/61

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 59.916+/-346.043 χ^2/NDF: 2.4/5

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 129.392+/-301.809 χ^2/NDF: 5.6/7

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

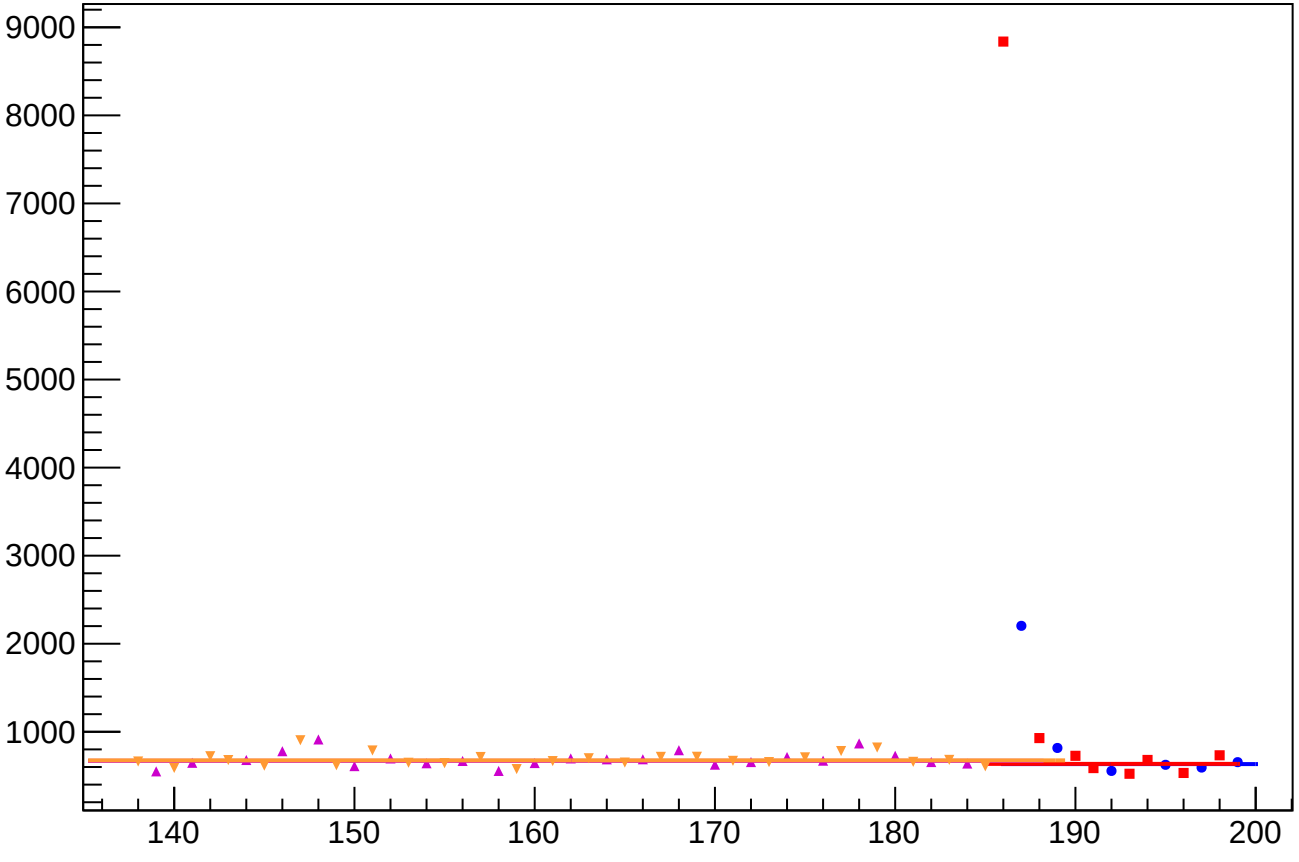
Right: 99.376+/-227.453 χ^2/NDF: 8.0/13

In: -104.449+/-145.992 χ^2/NDF:39.5/28

Out: 186.586+/-140.693 χ^2/NDF:25.4/32

All: 46.446+/-101.307 χ^2/NDF: 67.0/61

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 633.196+/-0.245 χ^2/NDF: 220663.7/5

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 635.532+/-0.213 χ^2/NDF: 972378.6/7

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

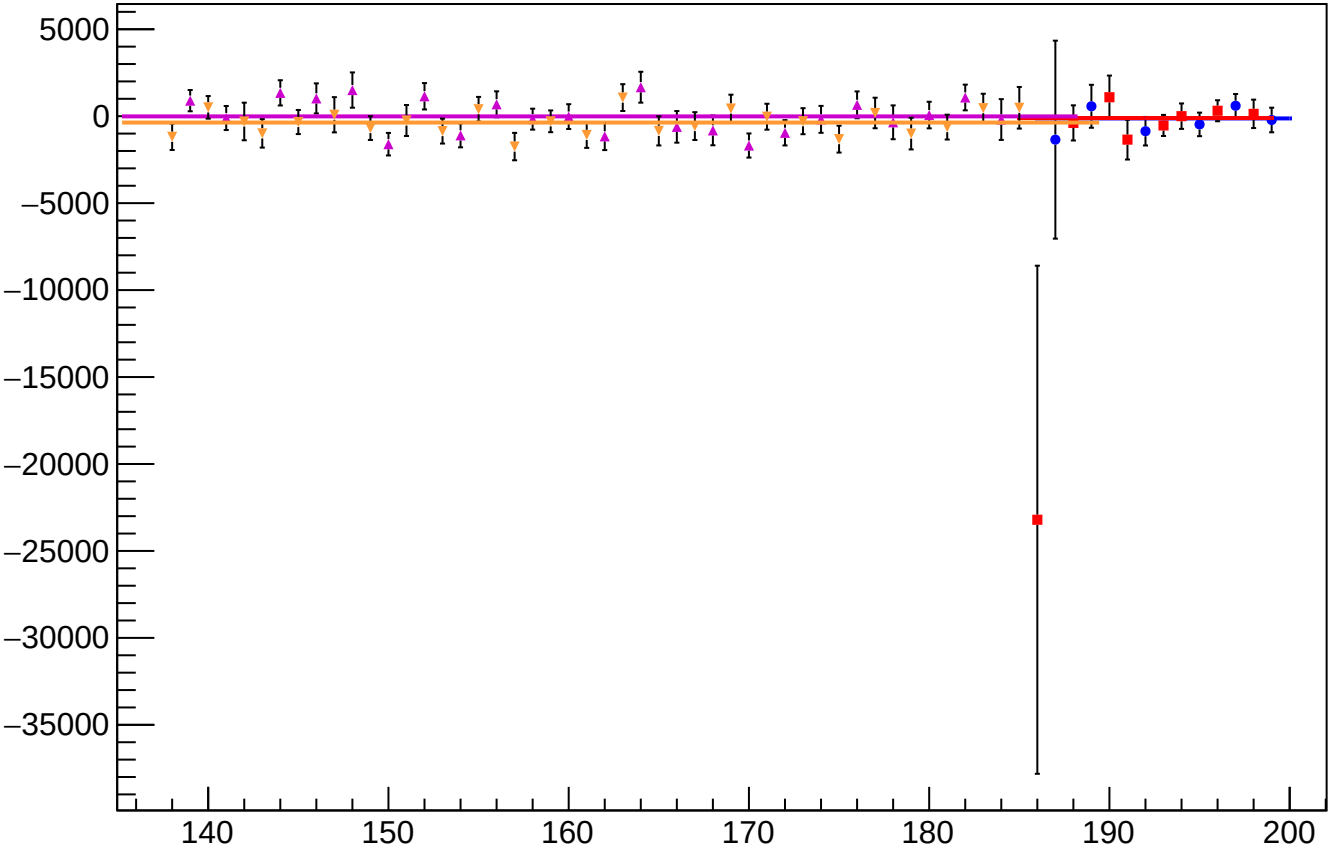
Right: 634.523+/-0.161 χ^2/NDF: 1193094.1/13

In: 663.398+/-0.103 χ^2/NDF:703283.2/28

Out: 666.685+/-0.099 χ^2/NDF:1358317.2/32

All: 665.102+/-0.072 χ^2/NDF: 2062126.2/61

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -128.660+/-342.131 χ^2/NDF: 2.6/5

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -106.857+/-298.637 χ^2/NDF: 5.8/7

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

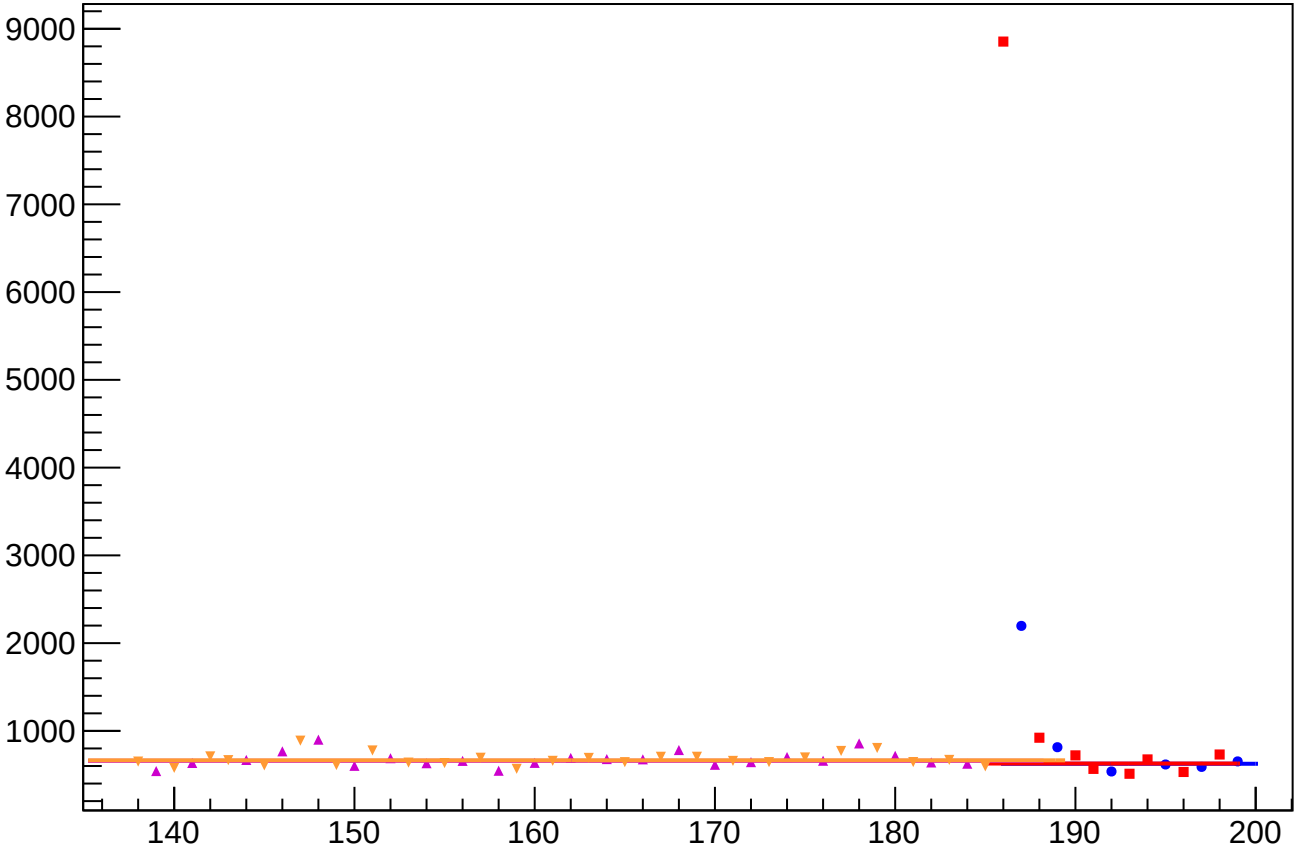
Right: -116.286+/-224.984 χ^2/NDF: 8.4/13

In: -31.990+/-143.814 χ^2/NDF:41.5/28

Out: -309.802+/-138.481 χ^2/NDF:25.1/32

All: -176.143+/-99.753 χ^2/NDF: 68.5/61

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 625.456+/-0.242 χ^2/NDF: 230662.3/5

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 628.275+/-0.211 χ^2/NDF: 984769.4/7

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

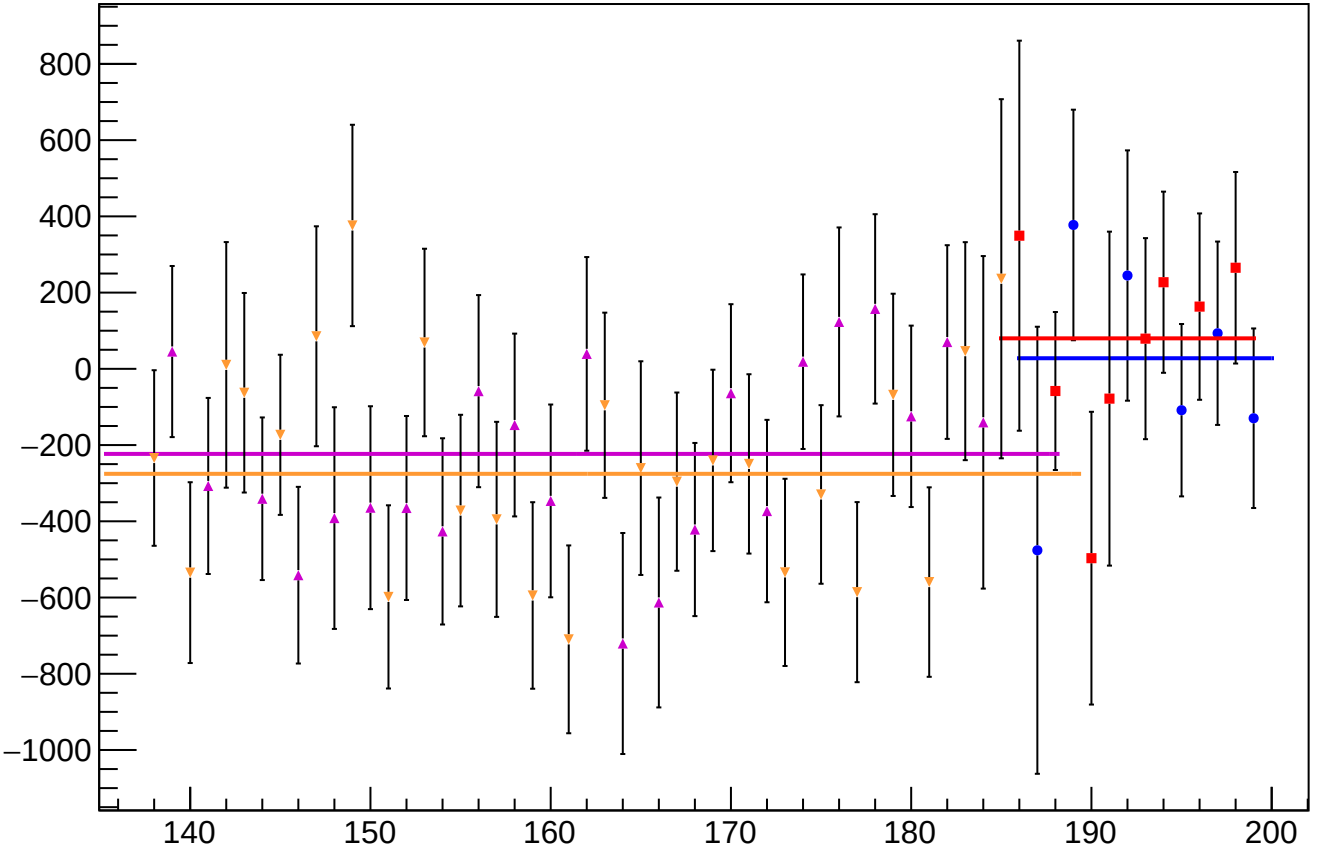
Right: 627.056+/-0.159 χ^2/NDF: 1215508.7/13

In: 653.262+/-0.102 χ^2/NDF:719453.3/28

Out: 656.803+/-0.098 χ^2/NDF:1364985.4/32

All: 655.100+/-0.071 χ^2/NDF: 2085067.8/61

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 27.790+/-113.244 χ^2/NDF: 3.4/5

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 79.981+/-98.178 χ^2/NDF: 4.2/7

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

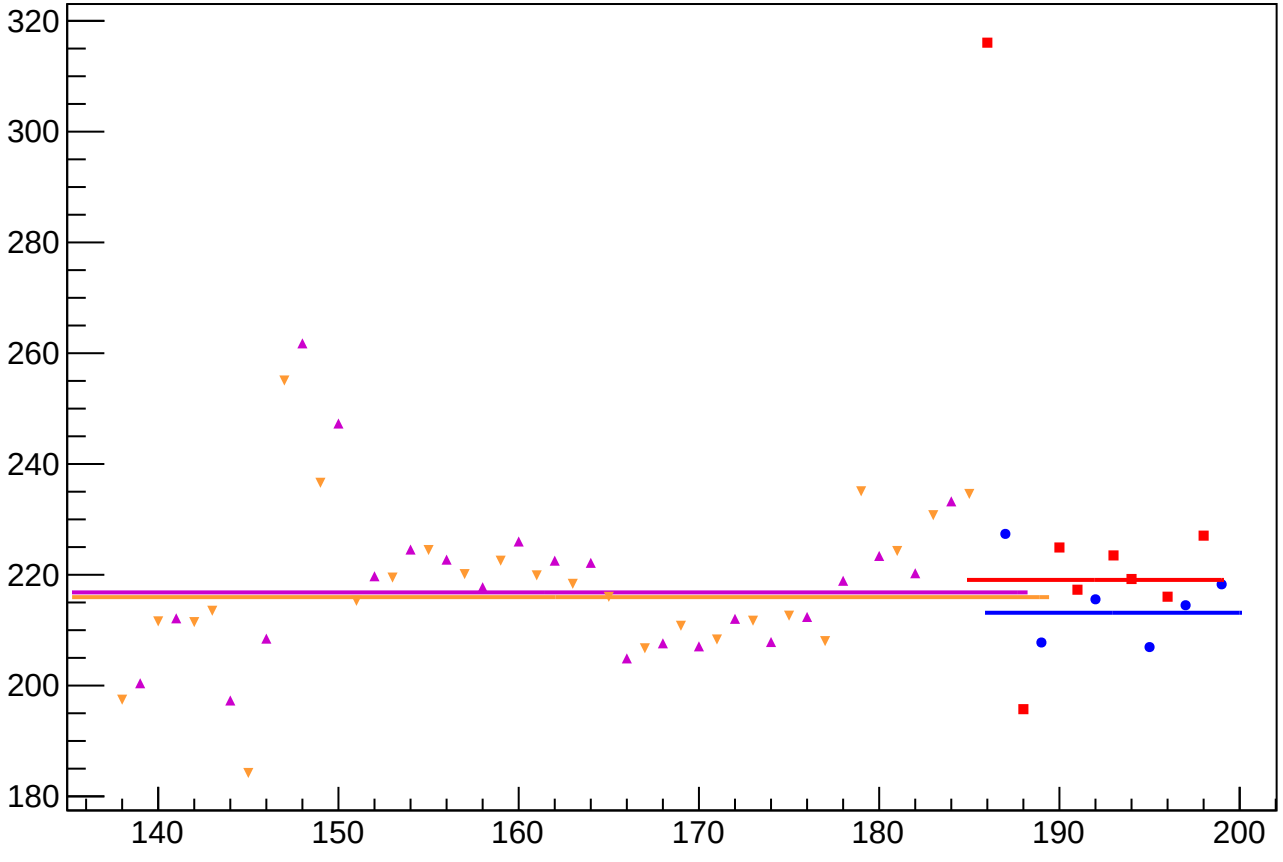
Right: 57.586+/-74.181 χ^2/NDF: 7.7/13

In: -179.848+/-47.062 χ^2/NDF:28.2/28

Out: -200.991+/-44.935 χ^2/NDF:41.9/32

All: -190.908+/-32.500 χ^2/NDF: 70.2/61

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 213.145+/-0.080 χ^2/NDF: 4433.4/5

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 219.074+/-0.069 χ^2/NDF: 100601.8/7

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

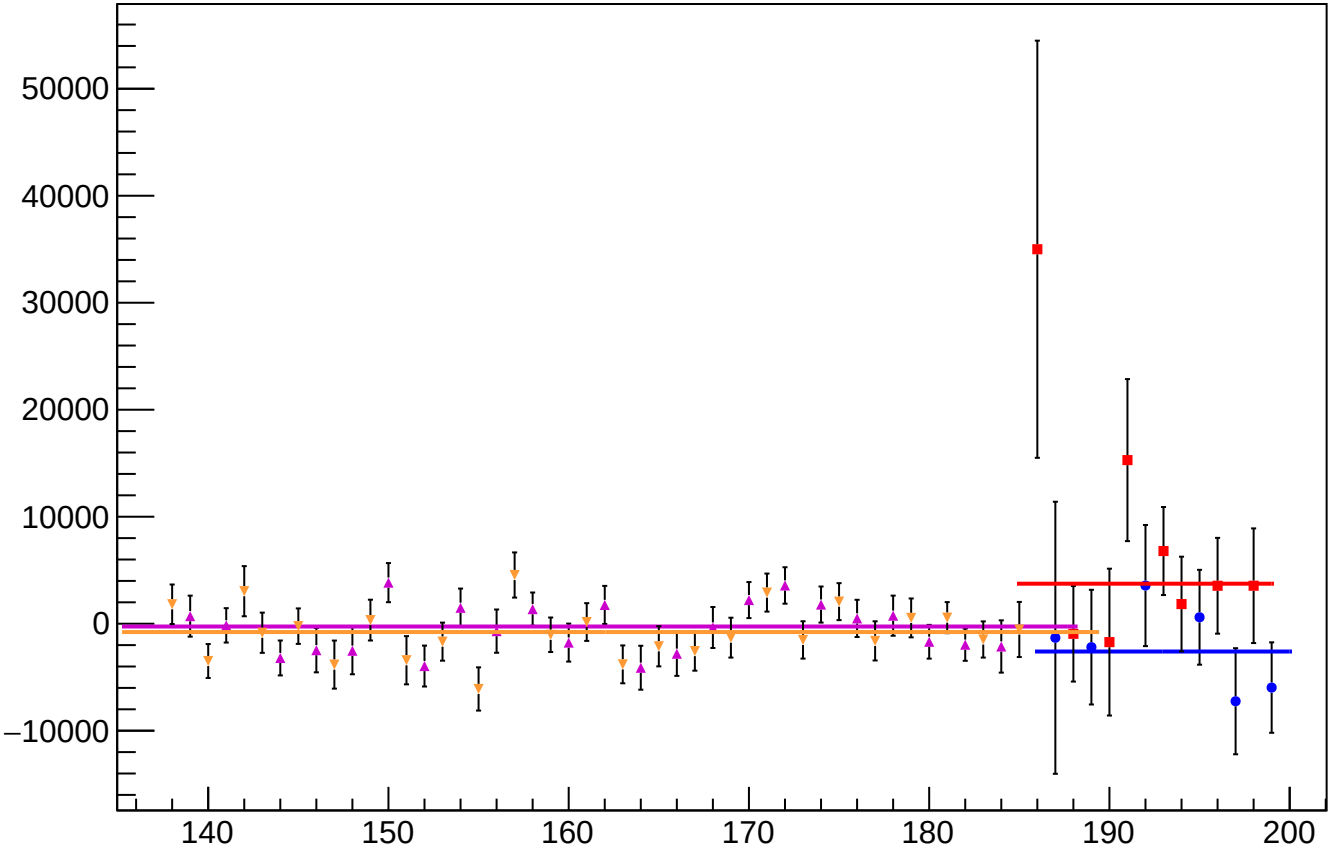
Right: 216.530+/-0.052 χ^2/NDF: 108164.8/13

In: 216.186+/-0.033 χ^2/NDF:138695.7/28

Out: 216.615+/-0.032 χ^2/NDF:246924.1/32

All: 216.410+/-0.023 χ^2/NDF: 385706.5/61

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -2599.231+/-2133.037 χ^2/NDF: 3.2/5

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 3739.380+/-1868.869 χ^2/NDF: 7.4/7

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

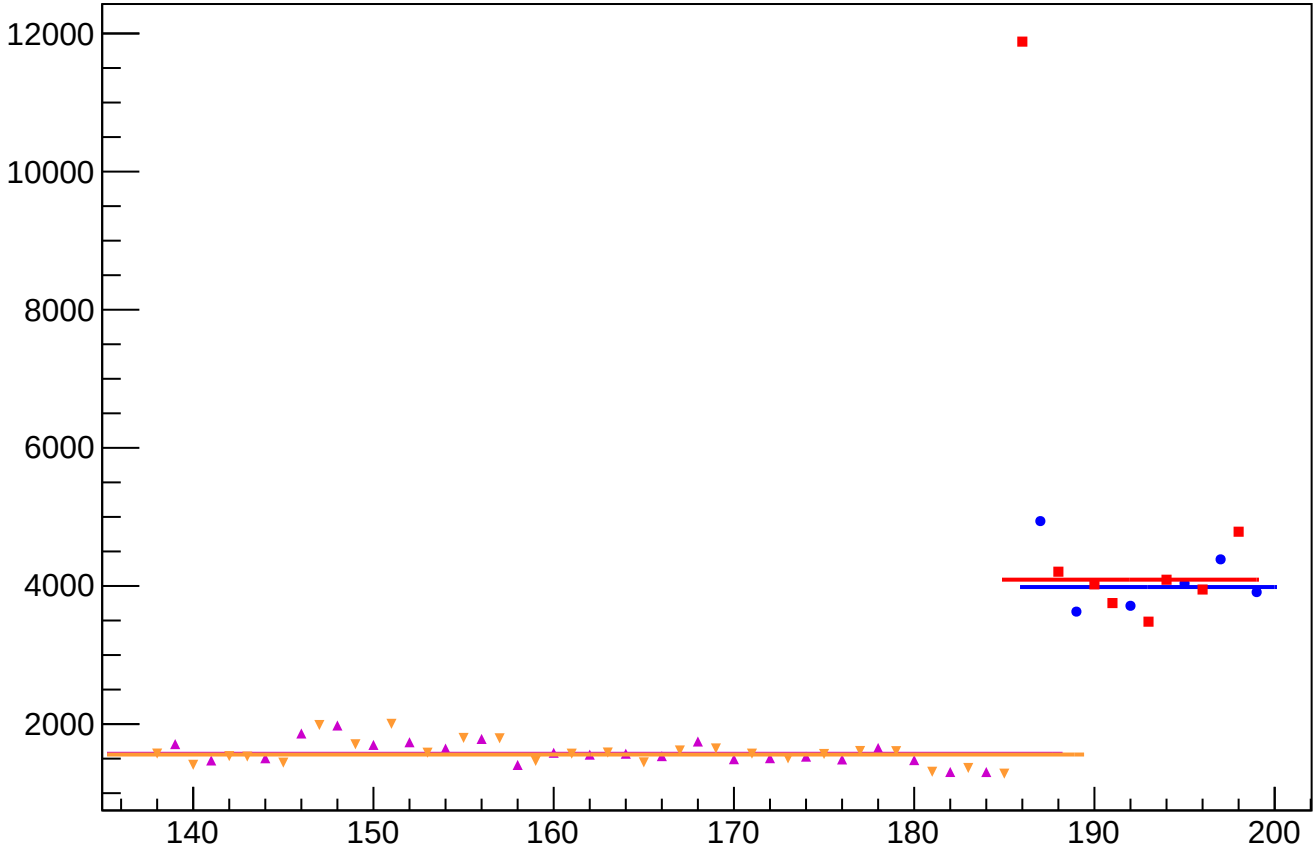
Right: 986.674+/-1405.663 χ^2/NDF: 15.6/13

In: -332.329+/-370.485 χ^2/NDF:39.9/28

Out: -611.398+/-360.089 χ^2/NDF:51.5/32

All: -475.834+/-258.218 χ^2/NDF: 91.6/61

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3984.609+/-1.508 χ^2/NDF: 38687.4/5

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 4091.444+/-1.321 χ^2/NDF: 404294.2/7

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

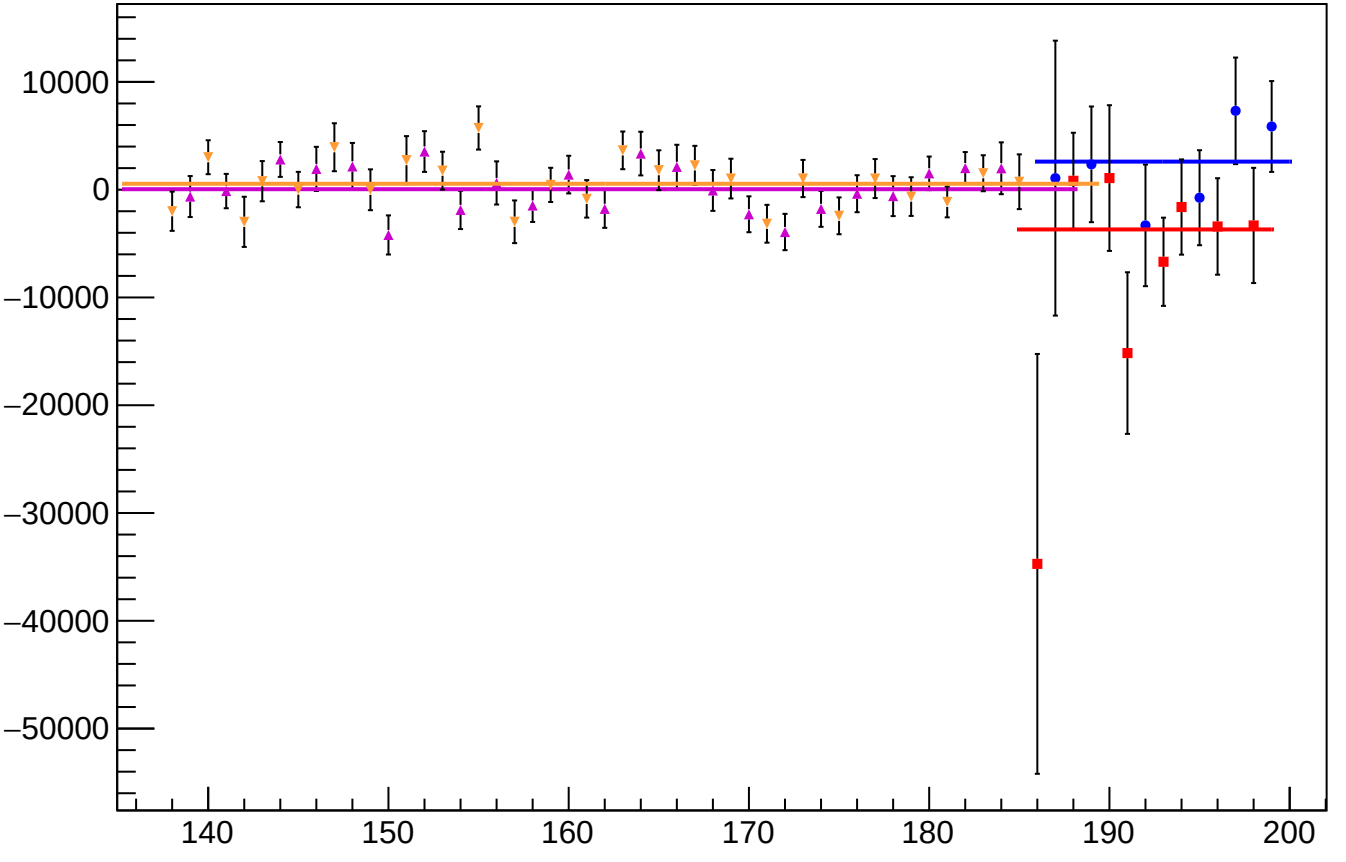
Right: 4045.048+/-0.994 χ^2/NDF: 445819.9/13

In: 1643.164+/-0.262 χ^2/NDF:2852996.8/28

Out: 1653.502+/-0.255 χ^2/NDF:4318124.2/32

All: 1648.480+/-0.183 χ^2/NDF: 7171921.7/61

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2604.455+/-2127.219 χ^2/NDF: 3.2/5

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -3689.337+/-1861.719 χ^2/NDF: 7.2/7

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

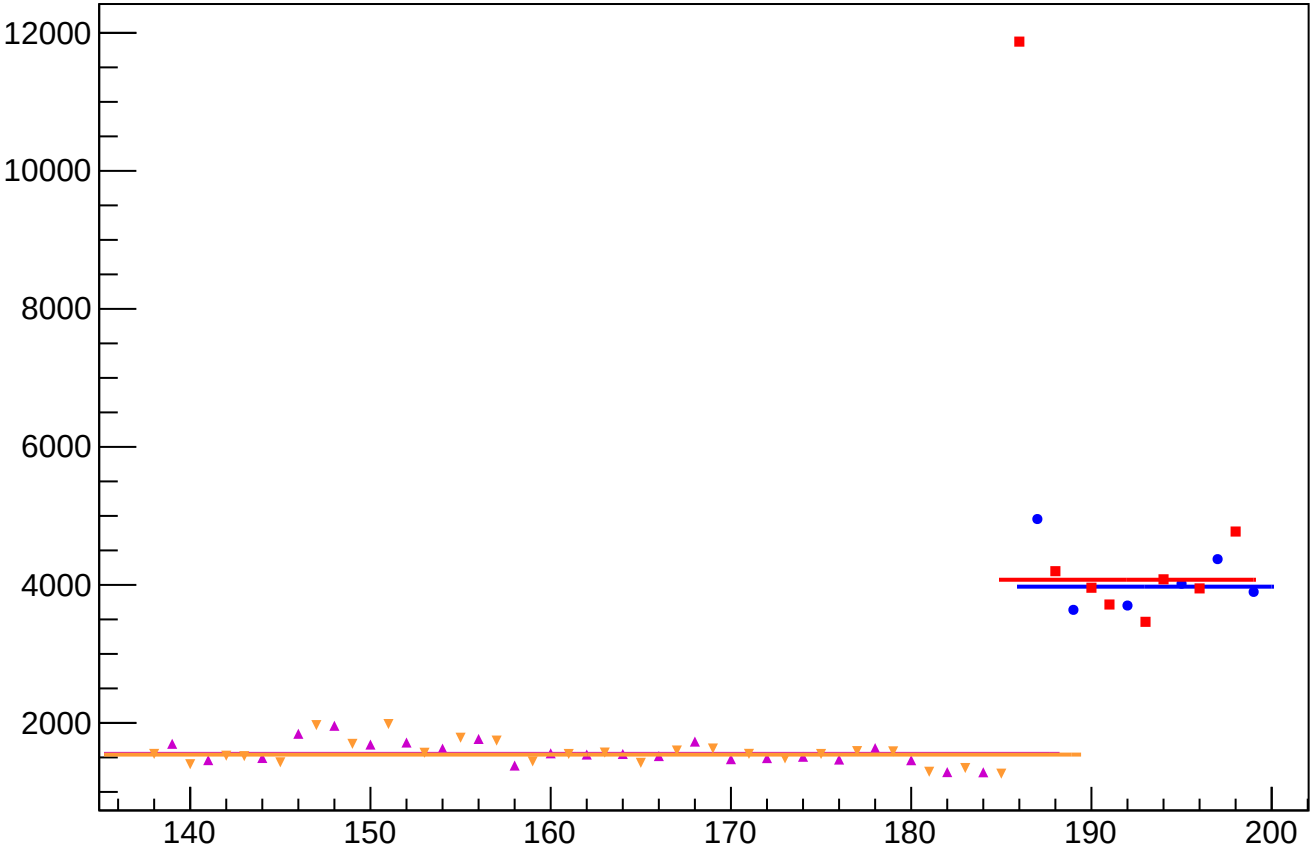
Right: -959.501+/-1400.955 χ^2/NDF: 15.3/13

In: 119.837+/-366.215 χ^2/NDF:38.1/28

Out: 395.505+/-355.508 χ^2/NDF:47.7/32

All: 261.760+/-255.083 χ^2/NDF: 86.1/61

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3974.589+/-1.504 χ^2/NDF: 38202.7/5

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 4074.841+/-1.316 χ^2/NDF: 407467.8/7

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

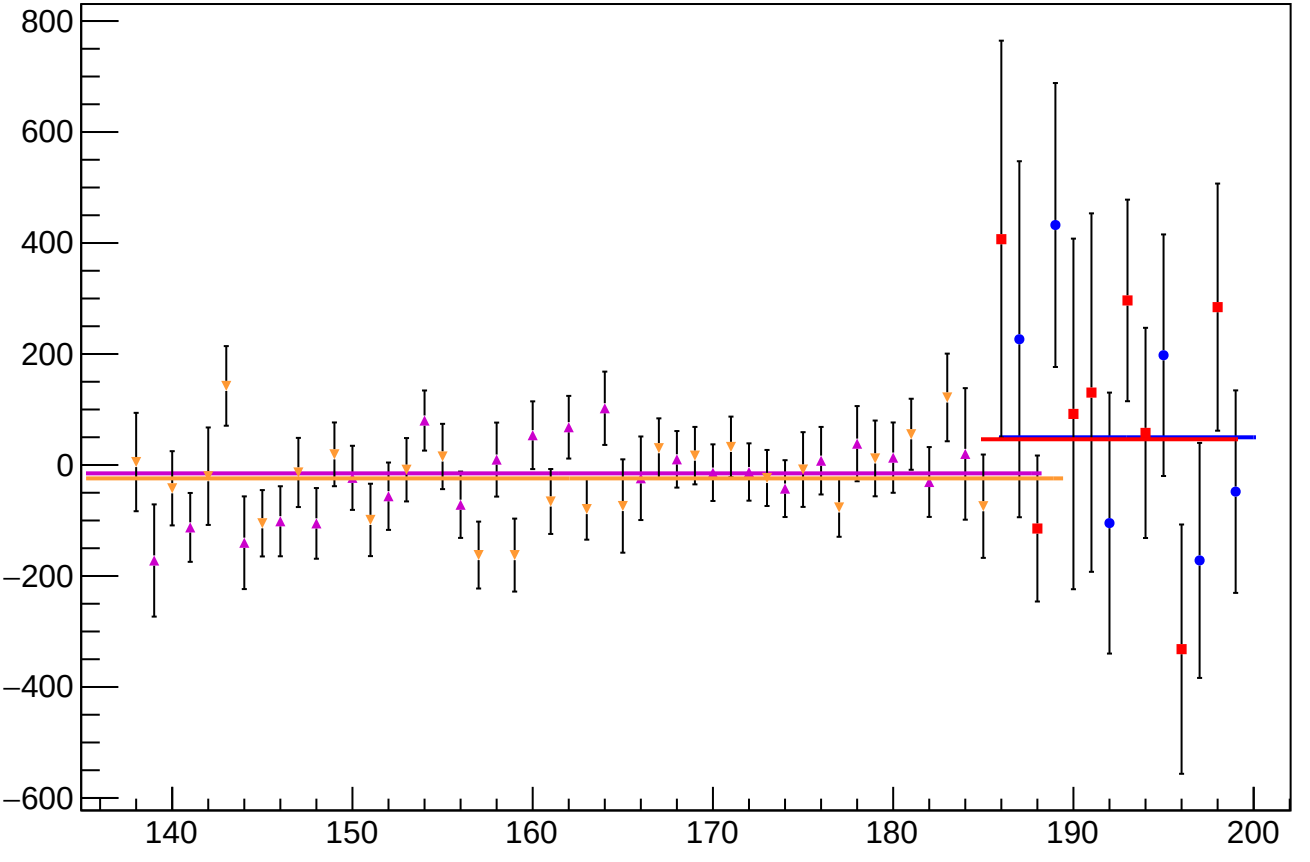
Right: 4031.358+/-0.991 χ^2/NDF: 448185.9/13

In: 1623.297+/-0.259 χ^2/NDF:2895377.4/28

Out: 1633.538+/-0.251 χ^2/NDF:4358796.3/32

All: 1628.569+/-0.180 χ^2/NDF: 7254979.0/61

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 49.902+/-92.634 χ^2/NDF: 4.8/5

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 46.353+/-73.835 χ^2/NDF: 8.5/7

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

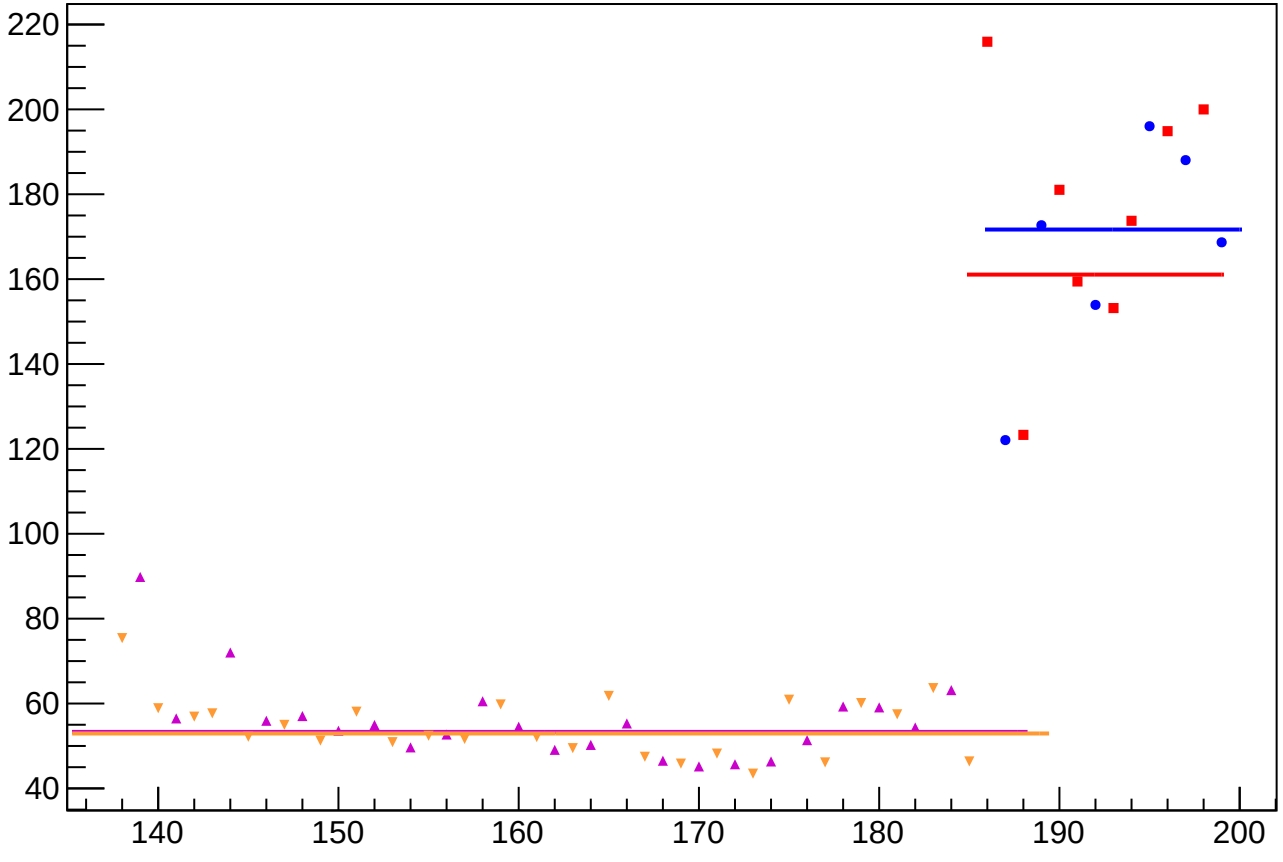
Right: 47.732+/-57.738 χ^2/NDF: 13.3/13

In: -13.818+/-12.797 χ^2/NDF:29.1/28

Out: -22.155+/-12.348 χ^2/NDF:40.0/32

All: -18.135+/-8.886 χ^2/NDF: 69.4/61

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 171.688+/-0.066 χ^2/NDF: 96793.6/5

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 161.069+/-0.052 χ^2/NDF: 339121.5/7

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

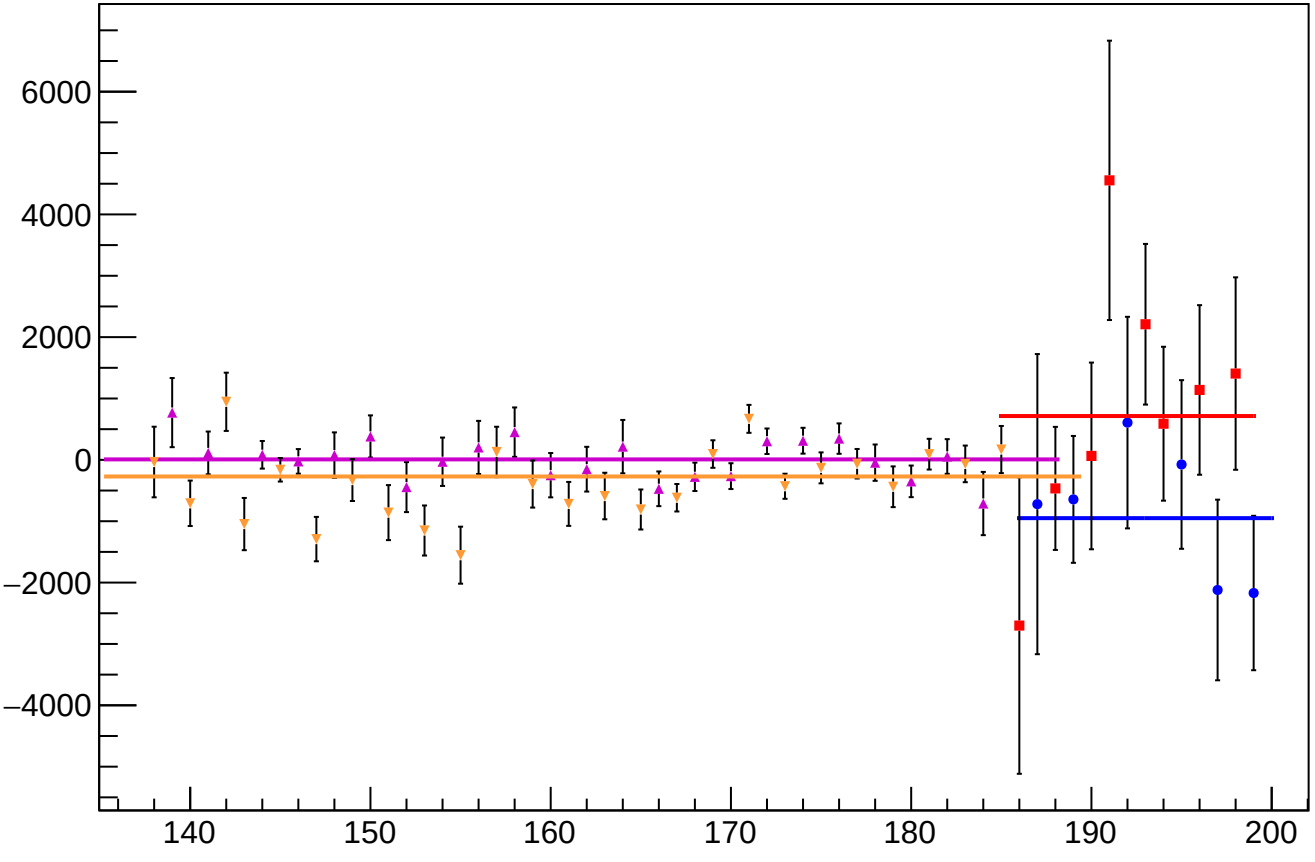
Right: 165.195+/-0.041 χ^2/NDF: 451985.1/13

In: 55.571+/-0.009 χ^2/NDF:3944645.0/28

Out: 55.966+/-0.009 χ^2/NDF:5021446.1/32

All: 55.776+/-0.006 χ^2/NDF: 8967078.6/61

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -949.896+/-571.482 χ^2/NDF: 2.9/5

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 714.091+/-503.748 χ^2/NDF: 8.0/7

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

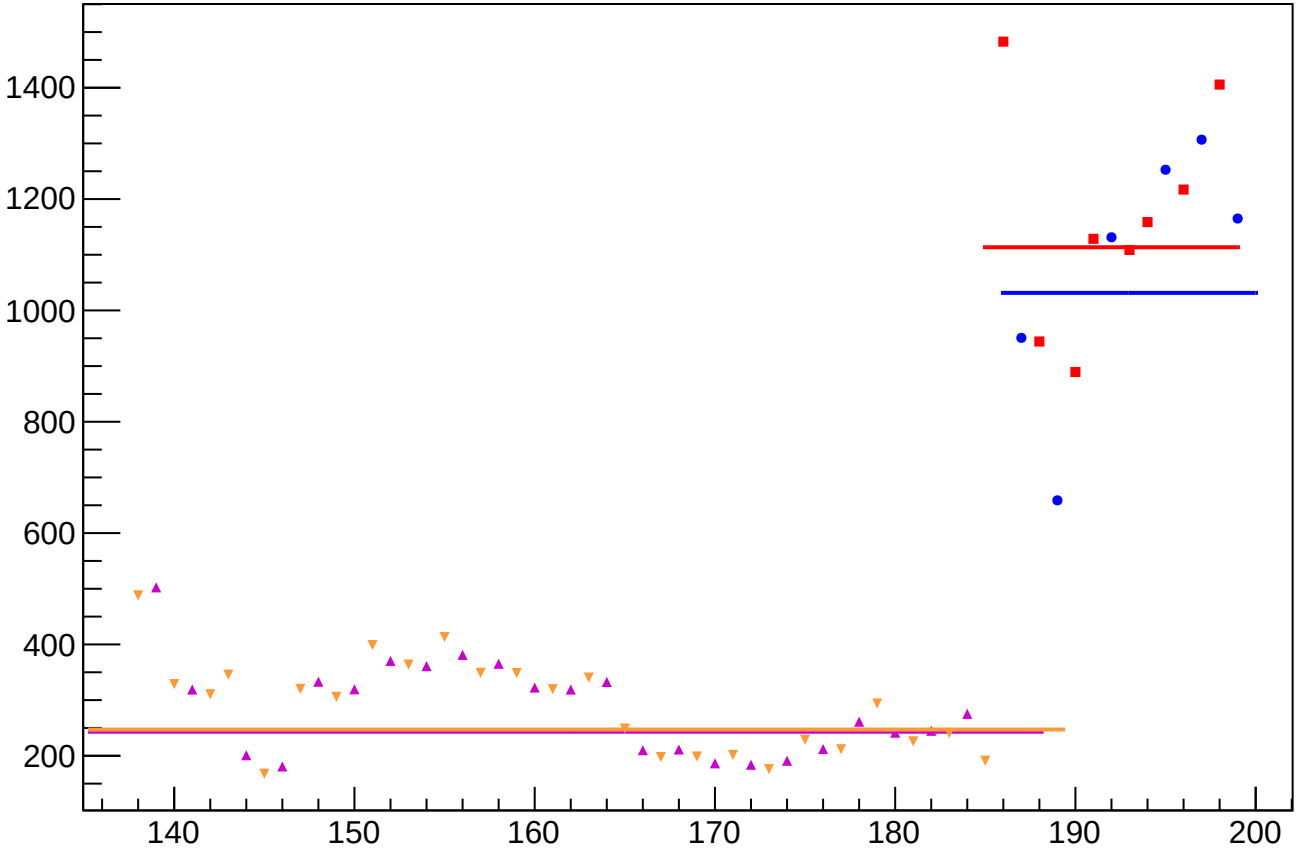
Right: -13.494+/-377.894 χ^2/NDF: 15.7/13

In: -3.017+/-59.994 χ^2/NDF:28.5/28

Out: -257.328+/-59.858 χ^2/NDF:79.5/32

All: -130.463+/-42.374 χ^2/NDF: 117.0/61

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 1031.520+/-0.404 χ^2/NDF: 413006.9/5

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1113.482+/-0.356 χ^2/NDF: 230571.2/7

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

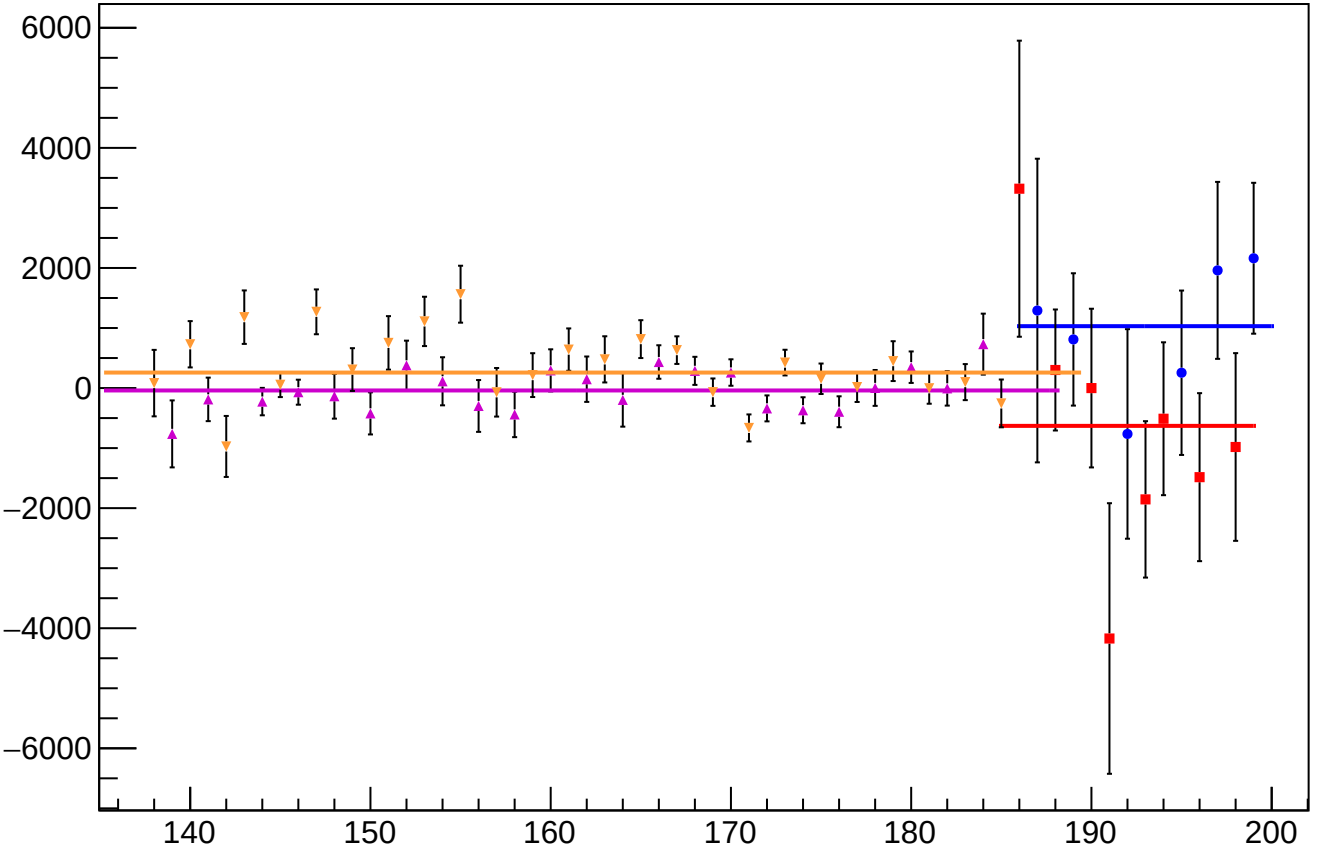
Right: 1077.644+/-0.267 χ^2/NDF: 666729.1/13

In: 251.877+/-0.042 χ^2/NDF:6748019.7/28

Out: 259.397+/-0.042 χ^2/NDF:8915386.5/32

All: 255.646+/-0.030 χ^2/NDF: 15679155.7/61

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 1030.708+/-583.651 χ^2/NDF: 2.6/5

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -629.701+/-497.173 χ^2/NDF: 7.4/7

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

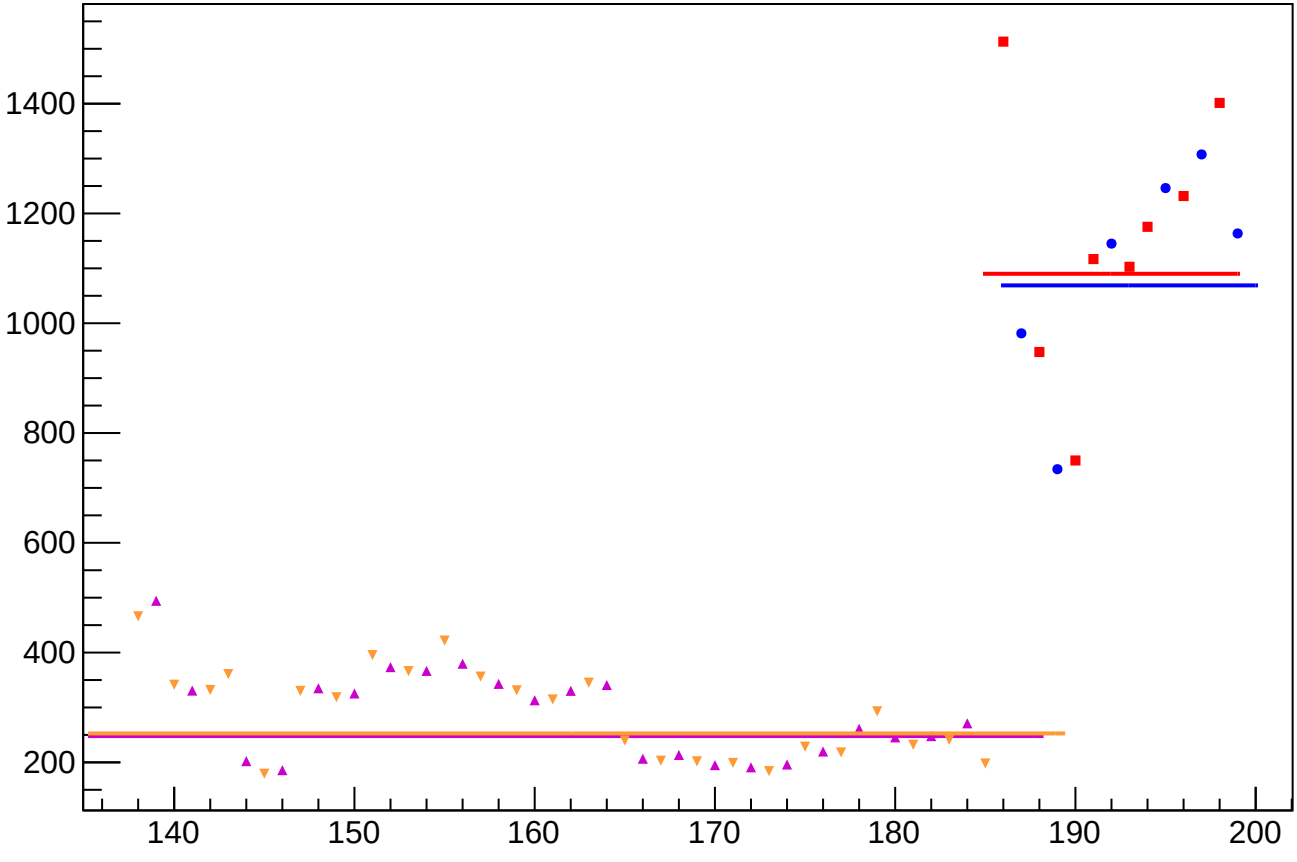
Right: 68.497+/-378.473 χ^2/NDF: 14.8/13

In: -28.259+/-61.157 χ^2/NDF:31.0/28

Out: 244.670+/-61.023 χ^2/NDF:75.6/32

All: 108.505+/-43.197 χ^2/NDF: 116.5/61

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 1068.954+/-0.413 χ^2/NDF: 288175.4/5

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 1090.087+/-0.352 χ^2/NDF: 340635.4/7

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

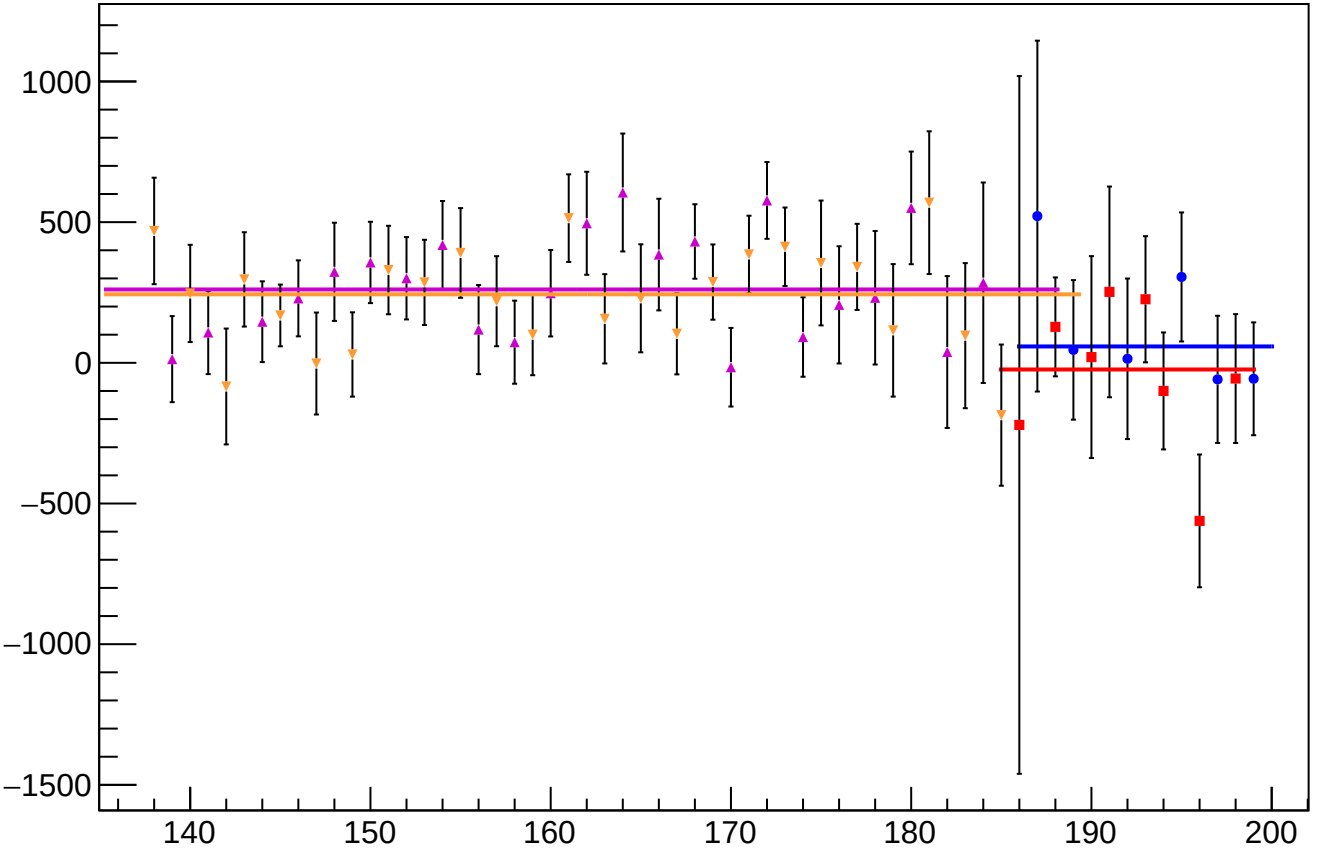
Right: 1081.200+/-0.268 χ^2/NDF: 630330.2/13

In: 256.933+/-0.043 χ^2/NDF:6577158.9/28

Out: 265.336+/-0.043 χ^2/NDF:8577391.4/32

All: 261.144+/-0.031 χ^2/NDF: 15173468.4/61

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 58.243+/-102.824 χ^2/NDF: 2.3/5

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: -23.623+/-88.399 χ^2/NDF: 7.9/7

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

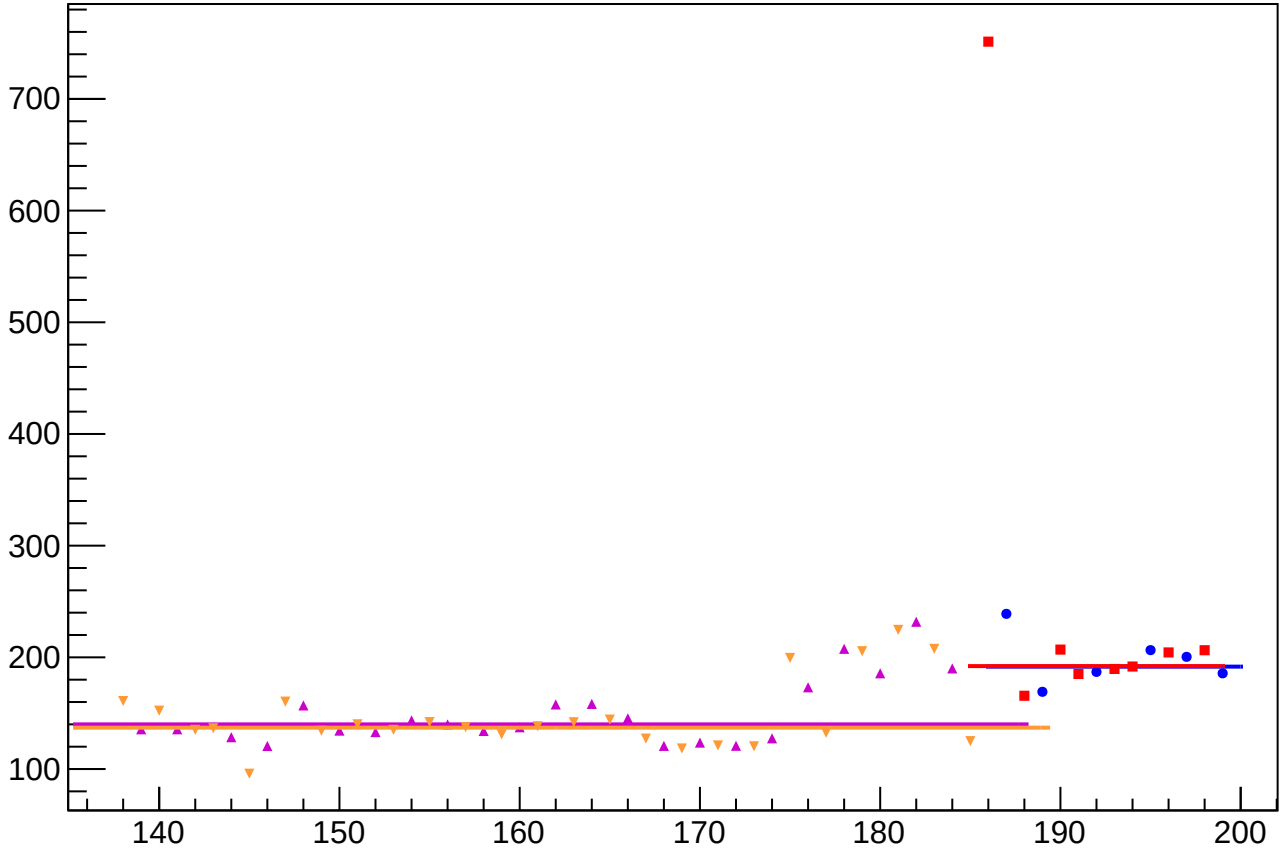
Right: 11.170+/-67.032 χ^2/NDF: 10.6/13

In: 240.803+/-32.271 χ^2/NDF:34.3/28

Out: 211.231+/-30.701 χ^2/NDF:39.4/32

All: 225.280+/-22.243 χ^2/NDF: 74.1/61

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 191.683+/-0.073 χ^2/NDF: 41666.2/5

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 192.160+/-0.063 χ^2/NDF: 469736.6/7

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

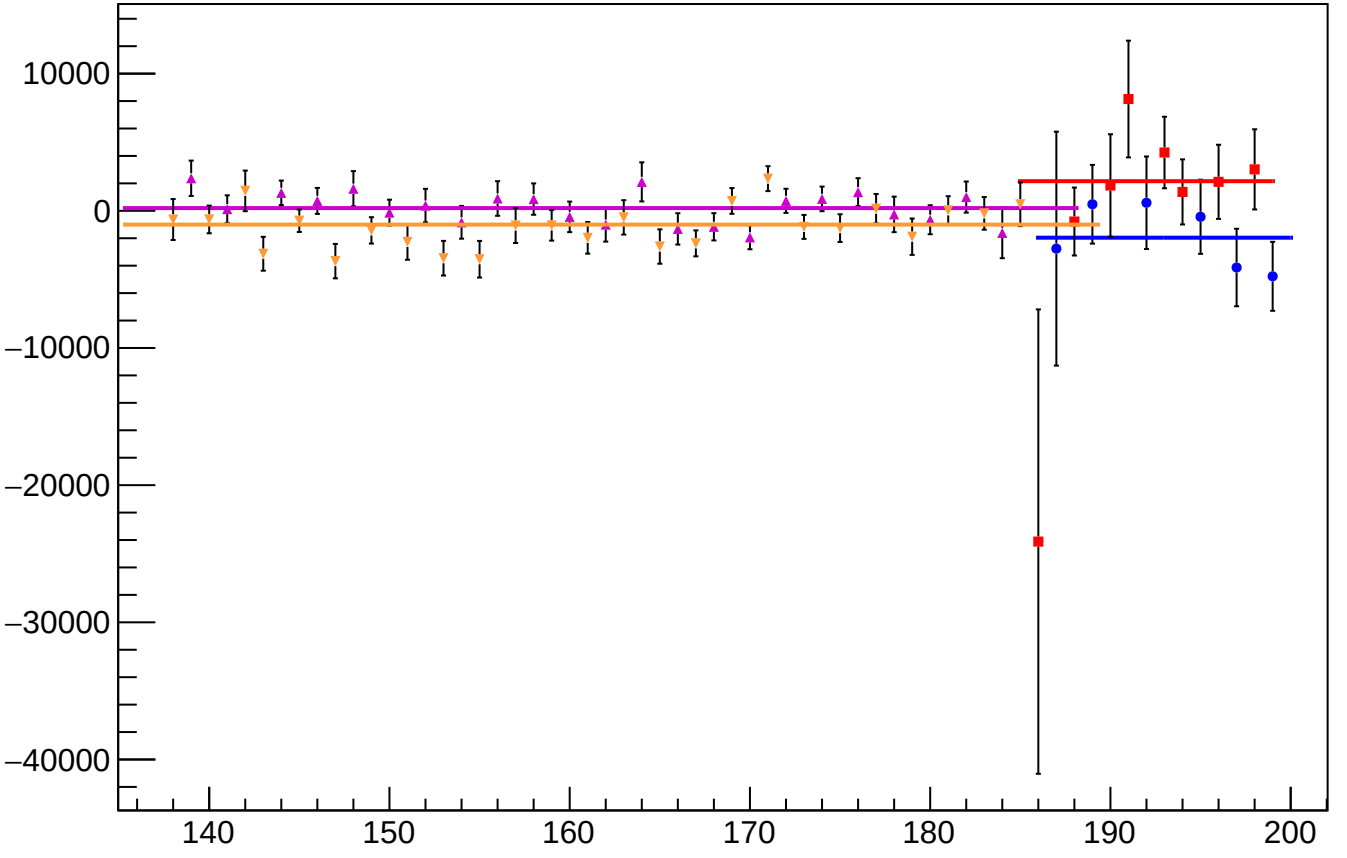
Right: 191.957+/-0.047 χ^2/NDF: 511427.5/13

In: 145.060+/-0.023 χ^2/NDF:1335920.0/28

Out: 143.684+/-0.022 χ^2/NDF:2354022.3/32

All: 144.338+/-0.016 χ^2/NDF: 3691850.1/61

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -1959.999+/-1246.708 χ^2/NDF: 3.5/5

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 2159.279+/-1070.940 χ^2/NDF: 6.6/7

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

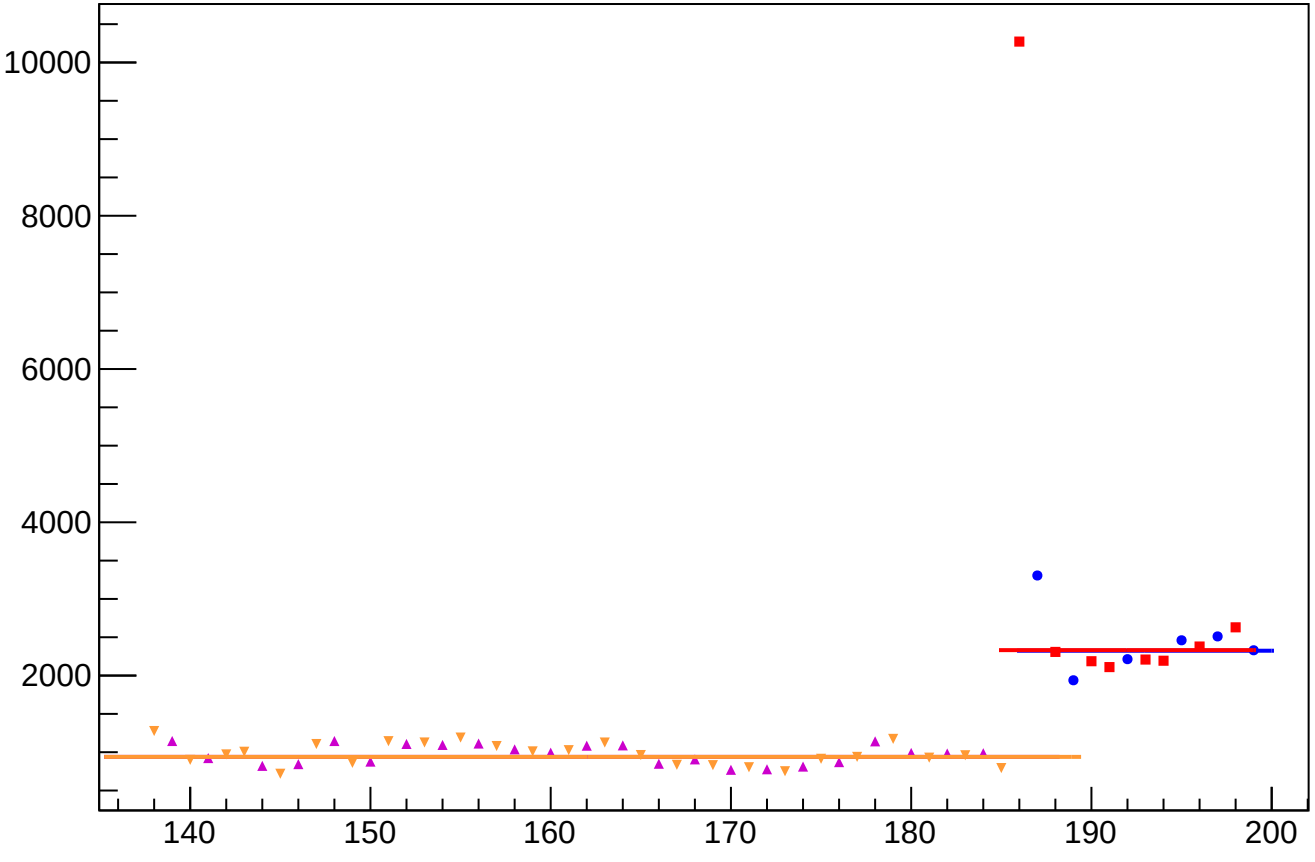
Right: 410.255+/-812.366 χ^2/NDF: 16.4/13

In: 129.976+/-222.373 χ^2/NDF:31.0/28

Out: -873.584+/-217.742 χ^2/NDF:59.7/32

All: -382.363+/-155.578 χ^2/NDF: 101.1/61

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2324.198+/-0.882 χ^2/NDF: 78563.0/5

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2331.914+/-0.757 χ^2/NDF: 481265.1/7

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

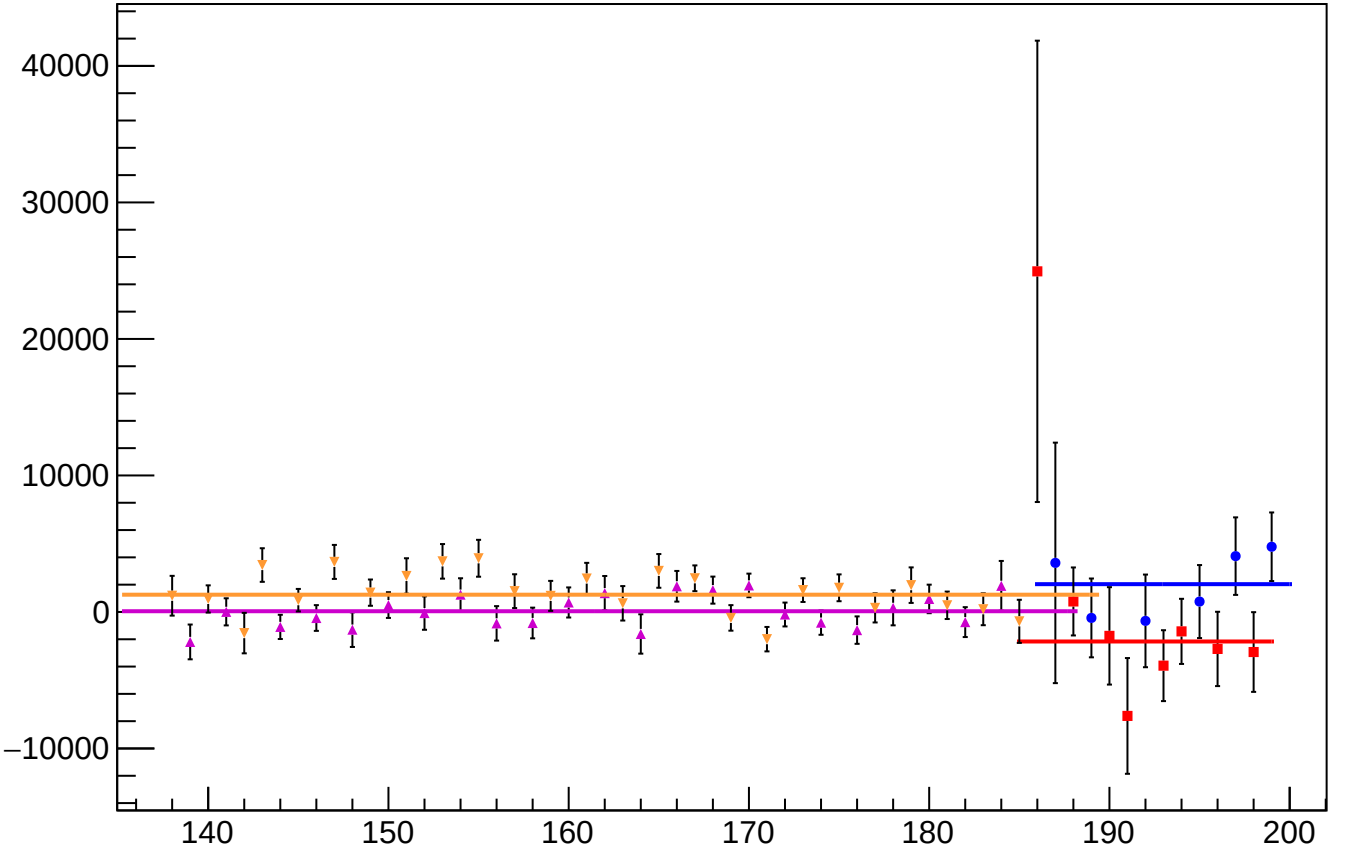
Right: 2328.638+/-0.574 χ^2/NDF: 559872.1/13

In: 982.833+/-0.157 χ^2/NDF:3081295.3/28

Out: 996.570+/-0.154 χ^2/NDF:4553220.0/32

All: 989.846+/-0.110 χ^2/NDF: 7638411.5/61

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 2036.720+/-1248.177 χ^2/NDF: 3.3/5

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -2162.619+/-1068.868 χ^2/NDF: 6.3/7

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

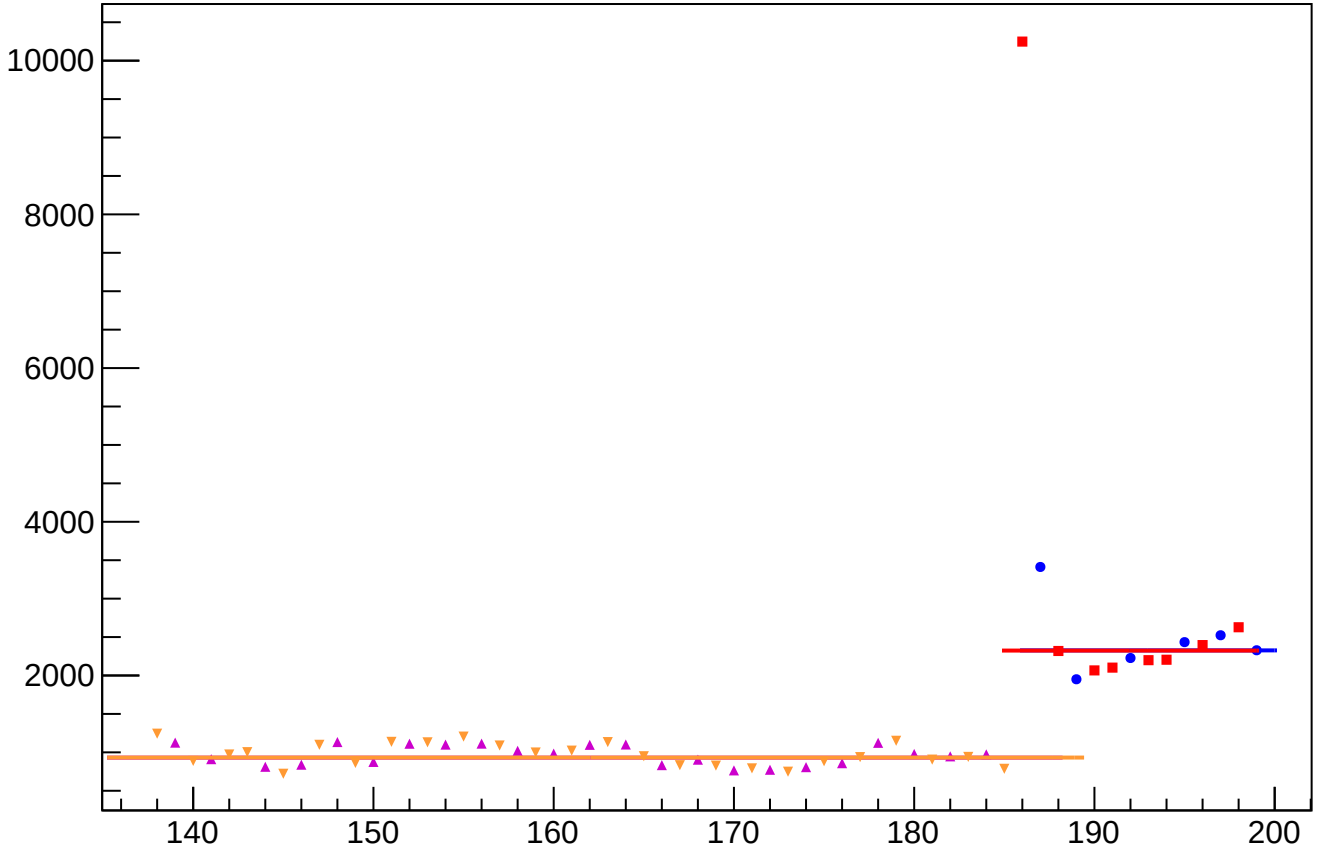
Right: -385.989+/-811.866 χ^2/NDF: 16.2/13

In: 116.004+/-220.831 χ^2/NDF:32.2/28

Out: 1124.875+/-216.071 χ^2/NDF:61.7/32

All: 631.431+/-154.441 χ^2/NDF: 104.6/61

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2326.715+/-0.883 χ^2/NDF: 78805.2/5

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2324.321+/-0.756 χ^2/NDF: 488348.6/7

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

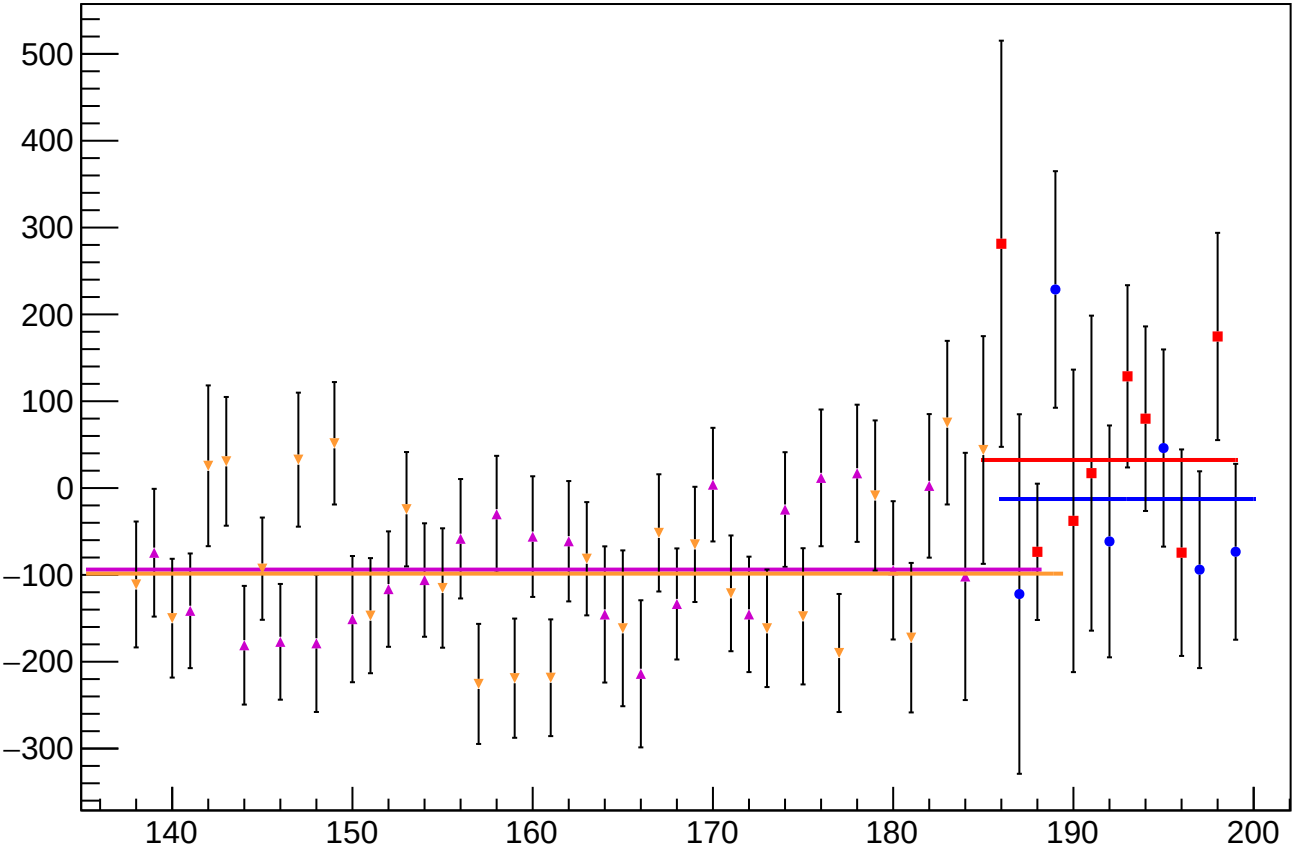
Right: 2325.334+/-0.574 χ^2/NDF: 567158.1/13

In: 974.547+/-0.156 χ^2/NDF:3123775.1/28

Out: 989.059+/-0.153 χ^2/NDF:4571207.8/32

All: 981.961+/-0.109 χ^2/NDF: 7699395.8/61

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -12.611+/-50.884 χ^2/NDF: 4.7/5

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 32.344+/-42.101 χ^2/NDF: 6.4/7

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

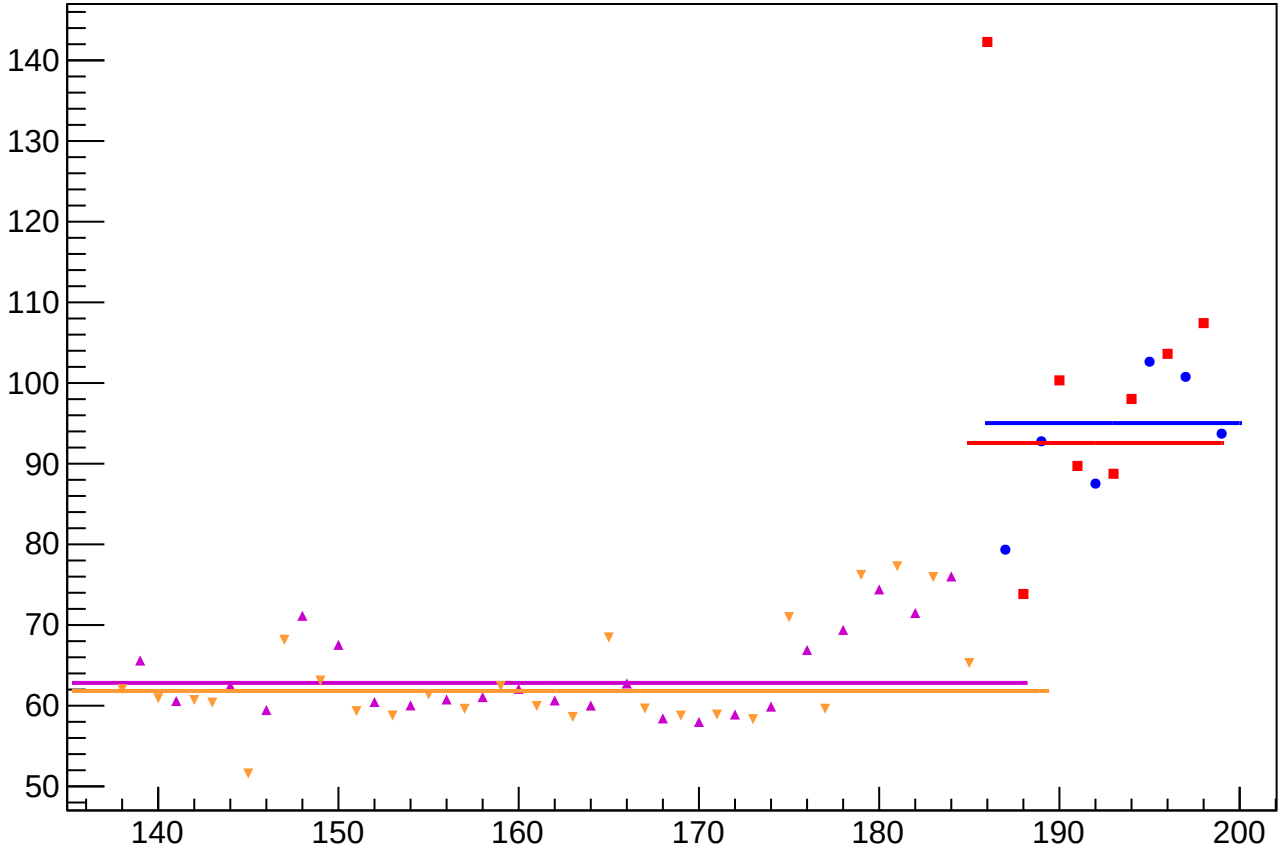
Right: 14.075+/-32.438 χ^2/NDF: 11.5/13

In: -87.369+/-14.422 χ^2/NDF:26.3/28

Out: -84.634+/-13.731 χ^2/NDF:50.3/32

All: -85.934+/-9.945 χ^2/NDF: 76.6/61

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 95.034+/-0.036 χ^2/NDF: 32776.9/5

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 92.568+/-0.030 χ^2/NDF: 264708.5/7

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

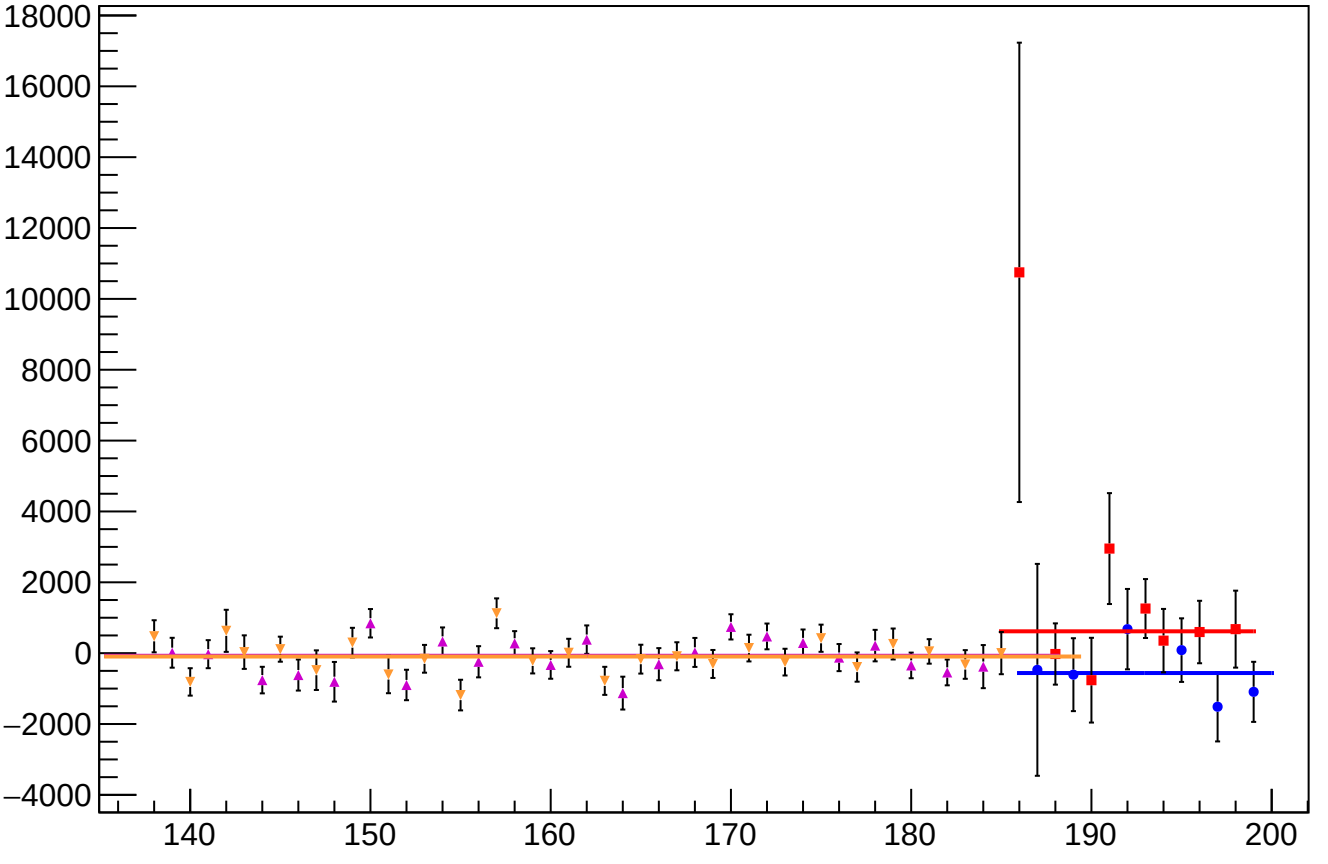
Right: 93.570+/-0.023 χ^2/NDF: 300272.4/13

In: 65.414+/-0.010 χ^2/NDF:956641.7/28

Out: 65.097+/-0.010 χ^2/NDF:1531193.9/32

All: 65.248+/-0.007 χ^2/NDF: 2488344.7/61

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -560.922+/-426.083 χ^2/NDF: 3.1/5

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 616.649+/-370.237 χ^2/NDF: 7.2/7

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

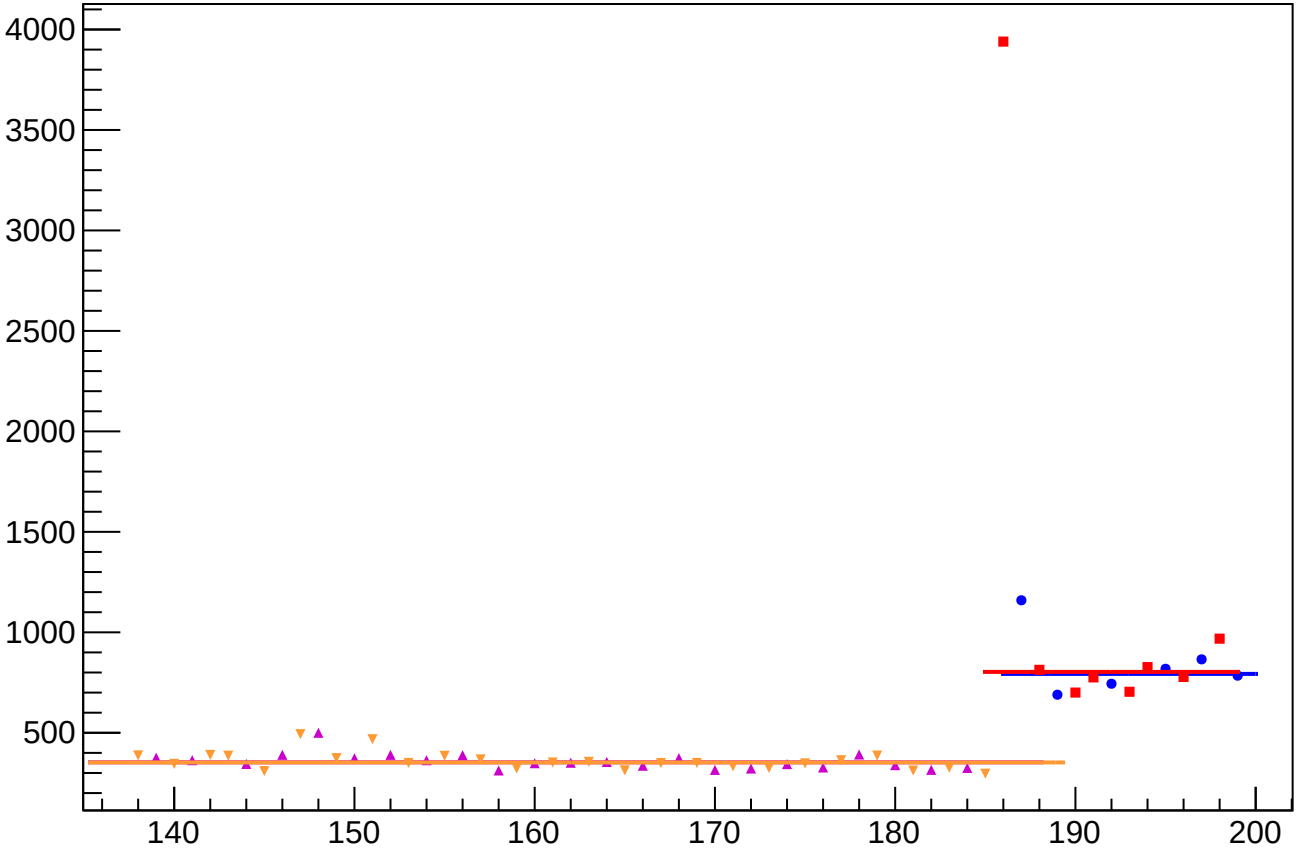
Right: 110.043+/-279.471 χ^2/NDF: 14.6/13

In: -92.408+/-83.029 χ^2/NDF:40.7/28

Out: -60.975+/-80.850 χ^2/NDF:42.3/32

All: -76.273+/-57.925 χ^2/NDF: 83.1/61

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 793.076+/-0.301 χ^2/NDF: 66739.9/5

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 803.074+/-0.262 χ^2/NDF: 561504.3/7

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

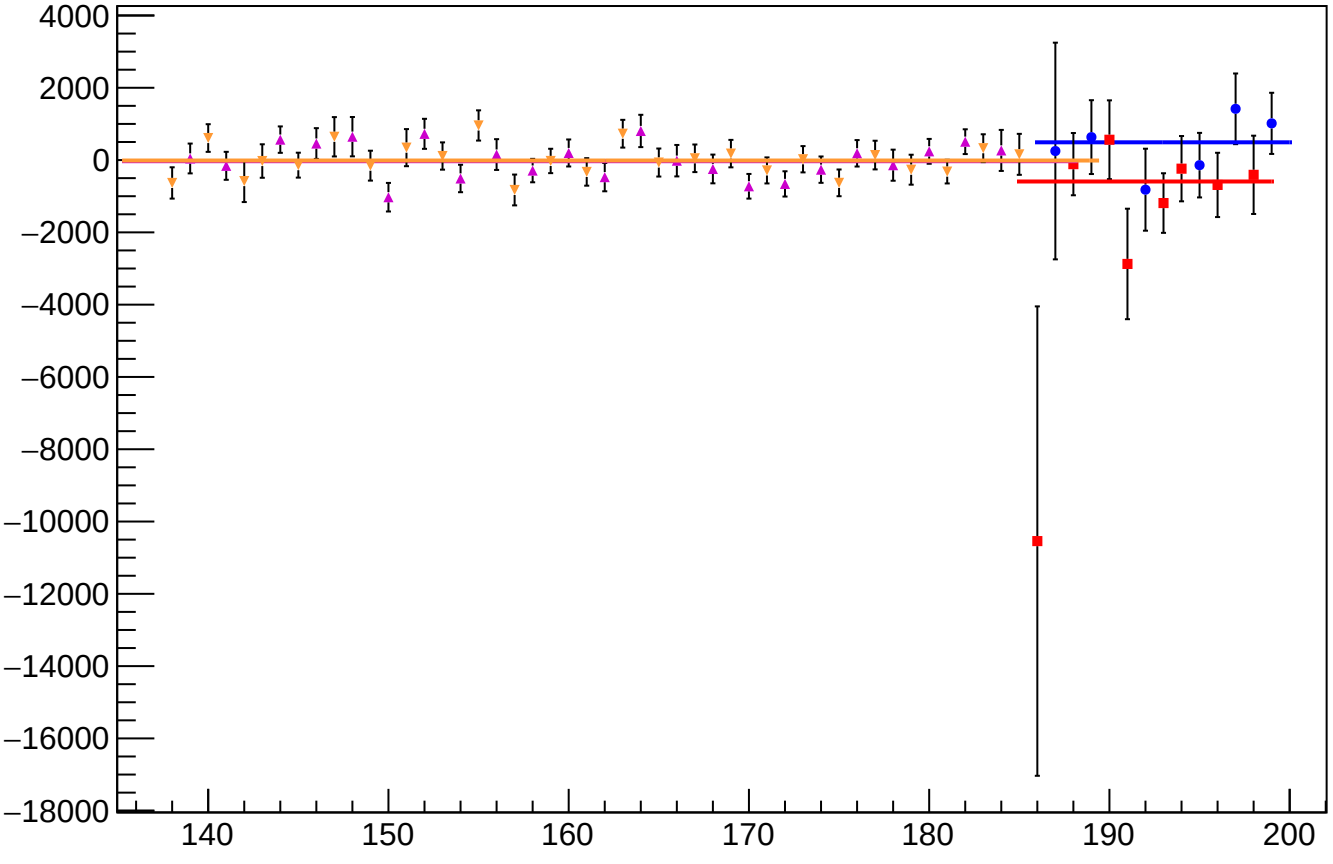
Right: 798.773+/-0.198 χ^2/NDF: 628871.7/13

In: 369.900+/-0.059 χ^2/NDF:2439160.9/28

Out: 373.894+/-0.057 χ^2/NDF:3802105.1/32

All: 371.950+/-0.041 χ^2/NDF: 6243640.8/61

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 491.324+/-424.678 χ^2/NDF: 3.1/5

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -592.644+/-366.216 χ^2/NDF: 6.7/7

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

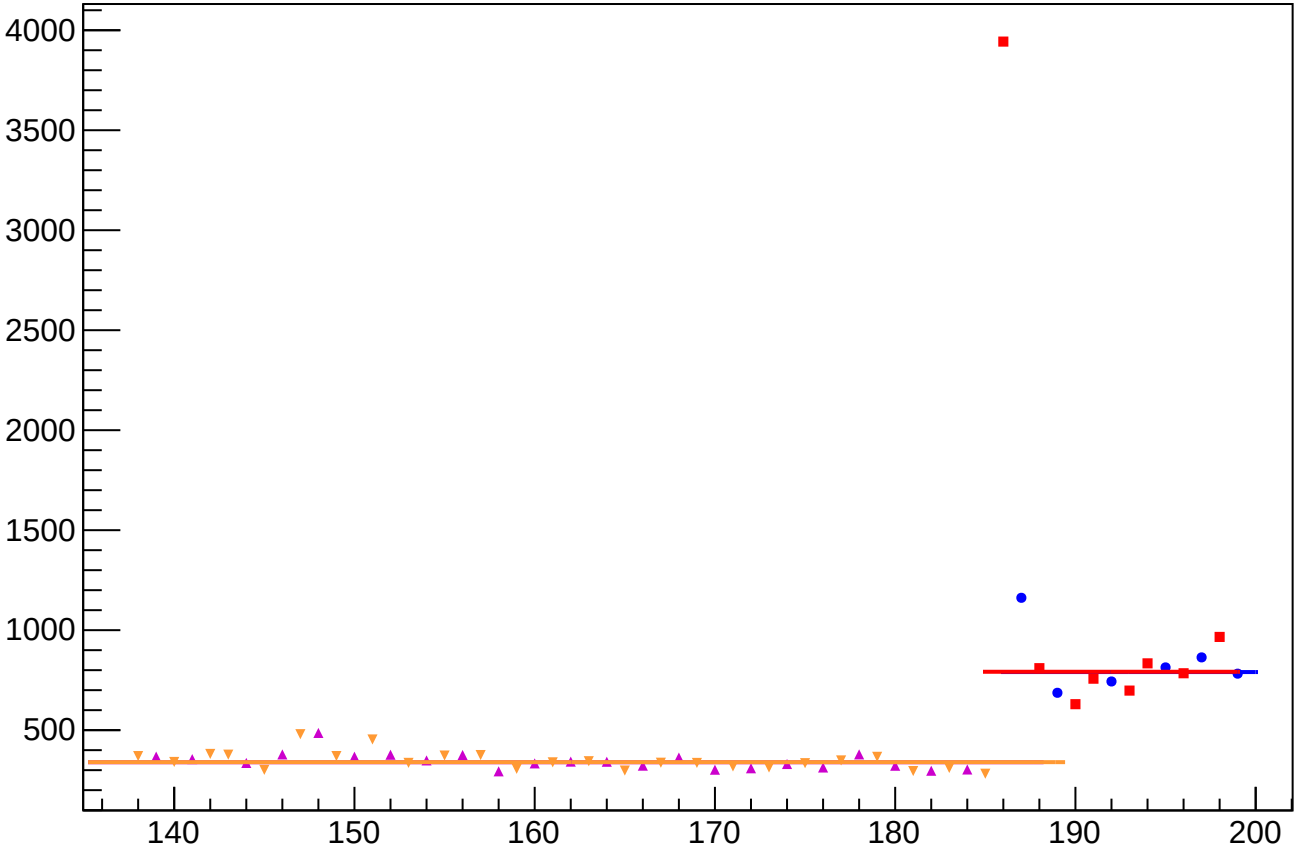
Right: -130.350+/-277.339 χ^2/NDF: 13.6/13

In: -12.969+/-80.017 χ^2/NDF:39.4/28

Out: -38.957+/-78.142 χ^2/NDF:36.5/32

All: -26.271+/-55.906 χ^2/NDF: 75.9/61

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 790.554+/-0.300 χ^2/NDF: 67545.7/5

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 791.995+/-0.259 χ^2/NDF: 599500.2/7

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

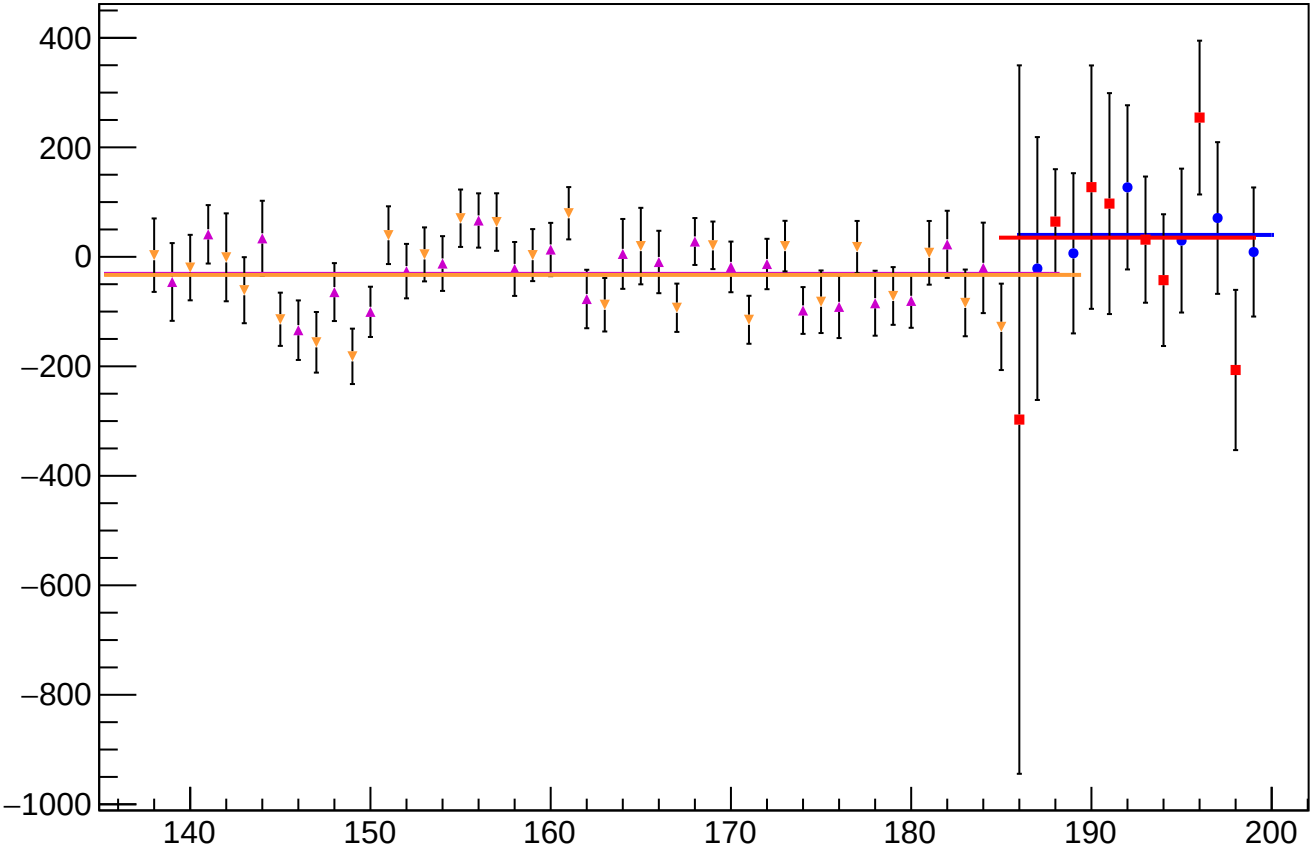
Right: 791.380+/-0.196 χ^2/NDF: 667059.0/13

In: 355.581+/-0.057 χ^2/NDF:2620727.9/28

Out: 360.597+/-0.055 χ^2/NDF:3972542.5/32

All: 358.148+/-0.040 χ^2/NDF: 6597292.2/61

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 40.023+/-58.678 χ^2/NDF: 0.6/5

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 35.040+/-50.125 χ^2/NDF: 6.2/7

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

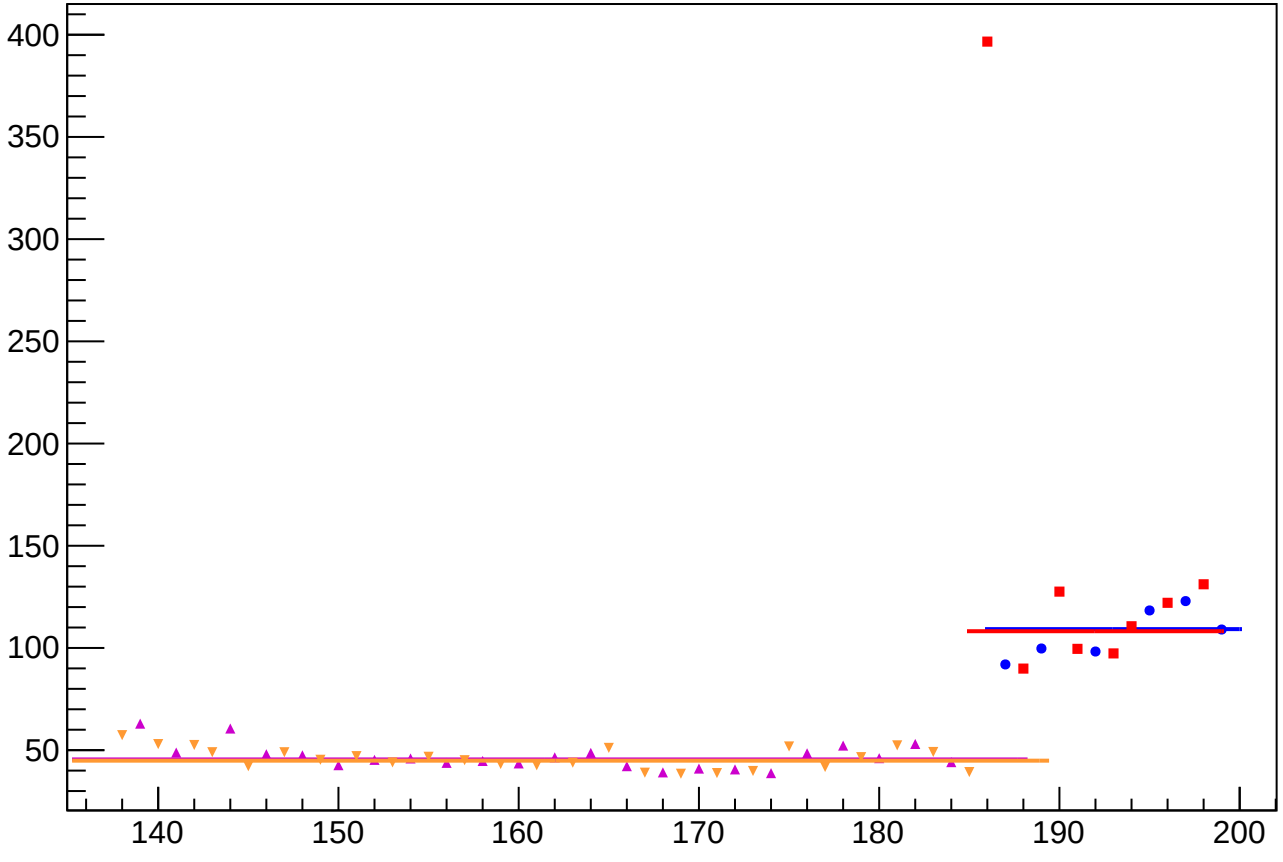
Right: 37.142+/-38.112 χ^2/NDF: 6.8/13

In: -28.746+/-10.771 χ^2/NDF:25.4/28

Out: -30.065+/-10.350 χ^2/NDF:56.0/32

All: -29.432+/-7.463 χ^2/NDF: 81.4/61

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 109.216+/-0.041 χ^2/NDF: 58676.5/5

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 108.192+/-0.035 χ^2/NDF: 576675.7/7

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

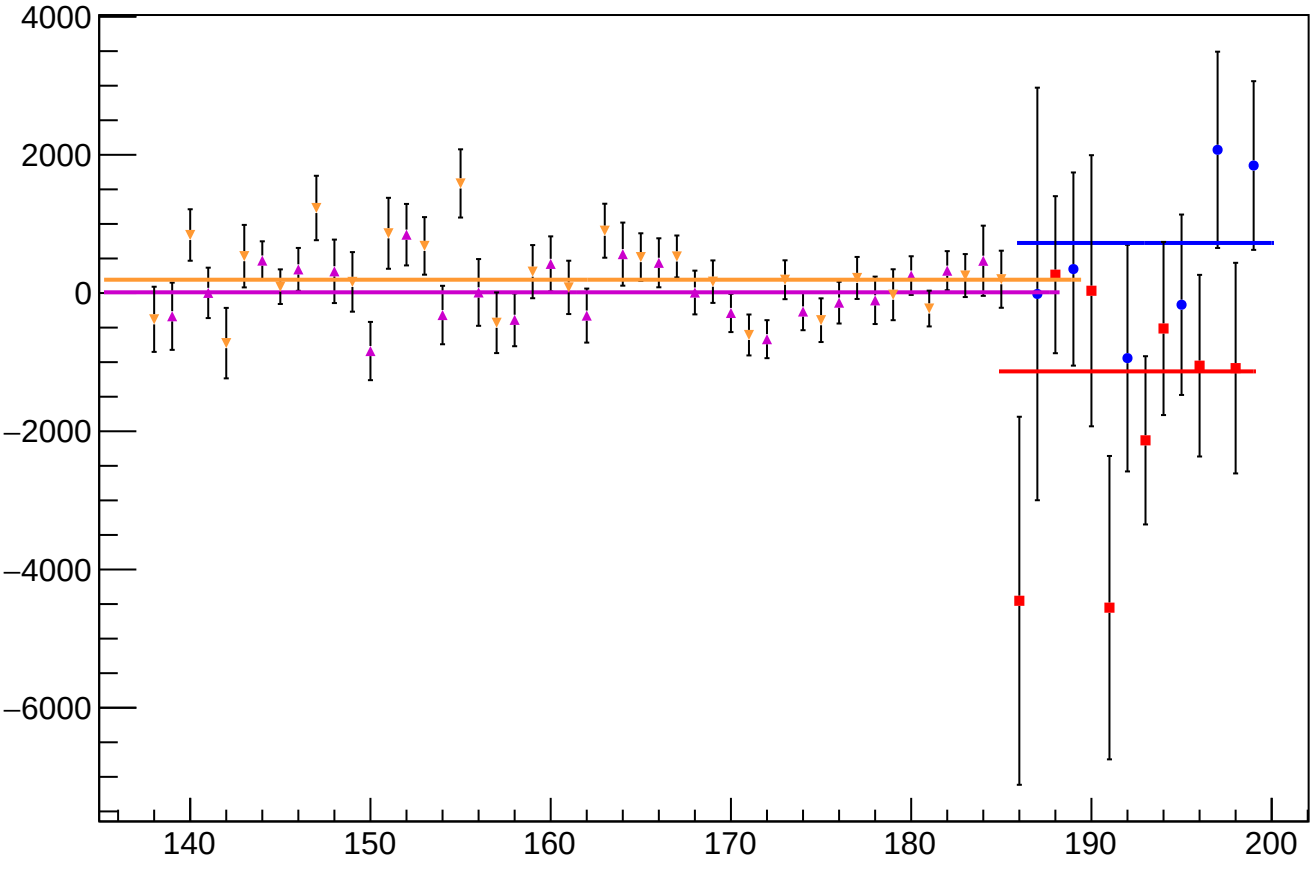
Right: 108.624+/-0.027 χ^2/NDF: 635704.5/13

In: 47.613+/-0.008 χ^2/NDF:2796879.0/28

Out: 47.562+/-0.007 χ^2/NDF:4048681.8/32

All: 47.587+/-0.005 χ^2/NDF: 6845584.4/61

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 724.643+/-602.957 χ^2/NDF: 3.4/5

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -1133.545+/-519.474 χ^2/NDF: 6.8/7

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

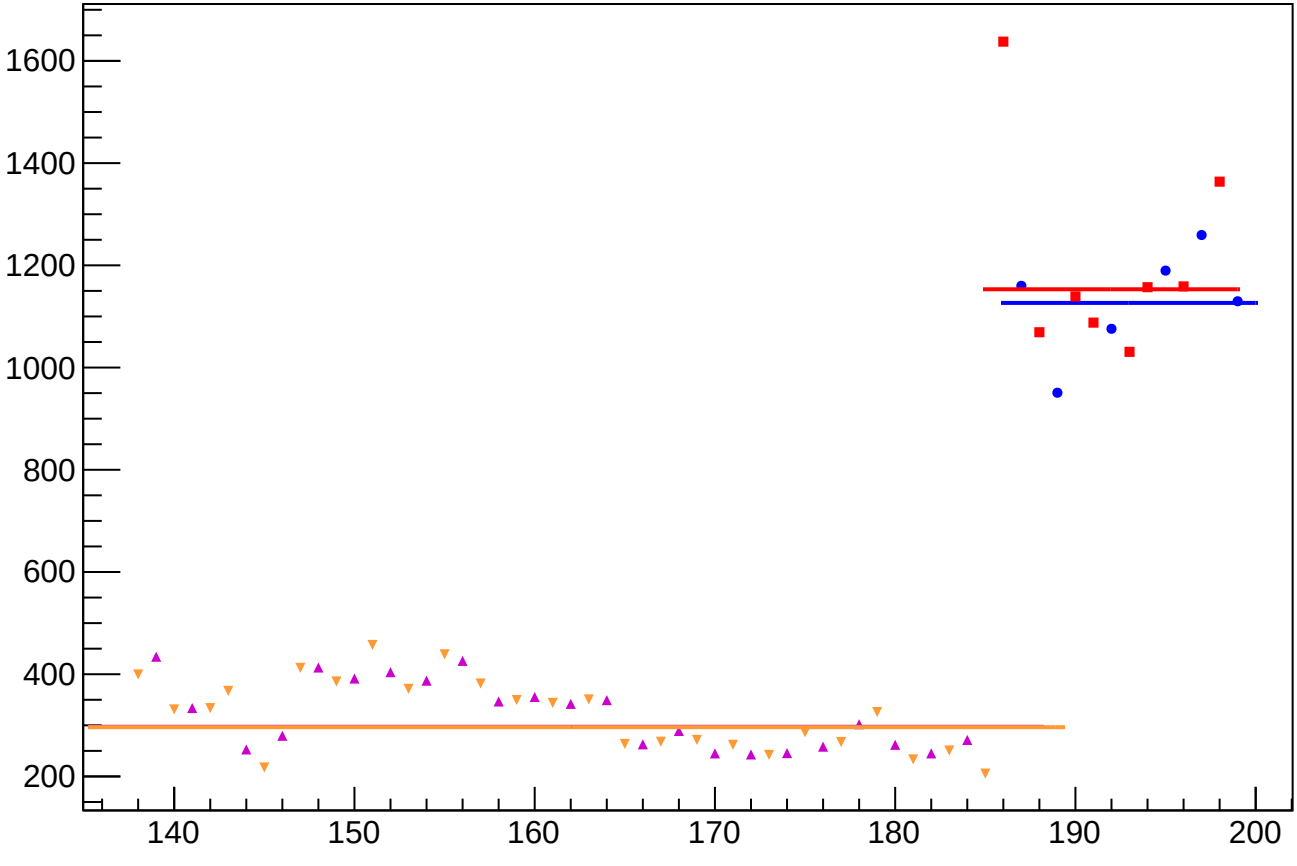
Right: -341.898+/-393.557 χ^2/NDF: 15.6/13

In: 20.919+/-71.786 χ^2/NDF:35.0/28

Out: 168.642+/-70.315 χ^2/NDF:59.0/32

All: 96.310+/-50.232 χ^2/NDF: 96.1/61

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 1126.503+/-0.426 χ^2/NDF: 55995.7/5

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1153.169+/-0.367 χ^2/NDF: 137535.0/7

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

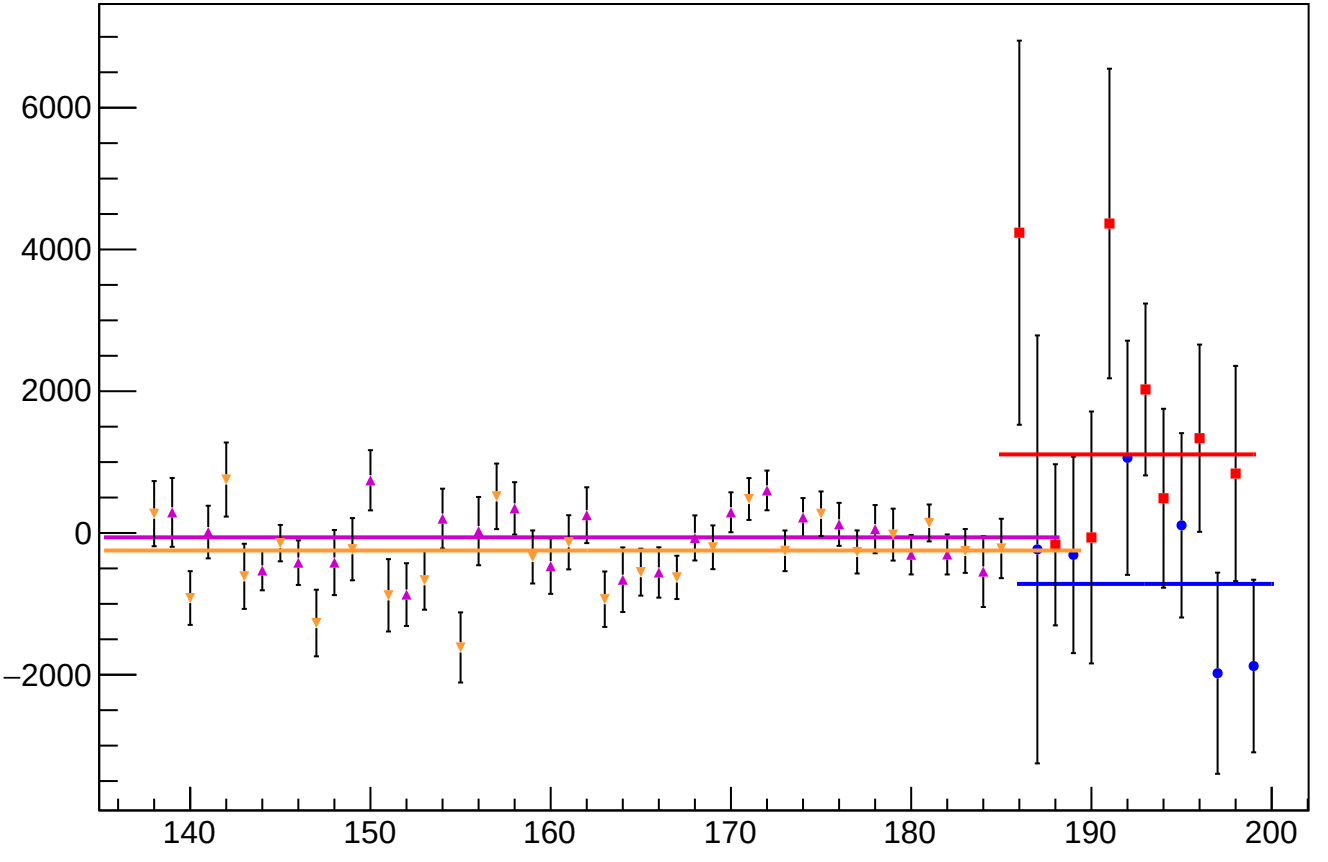
Right: 1141.809+/-0.278 χ^2/NDF: 195775.9/13

In: 308.893+/-0.051 χ^2/NDF:5107094.1/28

Out: 312.081+/-0.050 χ^2/NDF:7113952.3/32

All: 310.520+/-0.036 χ^2/NDF: 12223059.9/61

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -718.520+/-602.021 χ^2/NDF: 3.4/5

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 1108.612+/-516.328 χ^2/NDF: 6.1/7

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

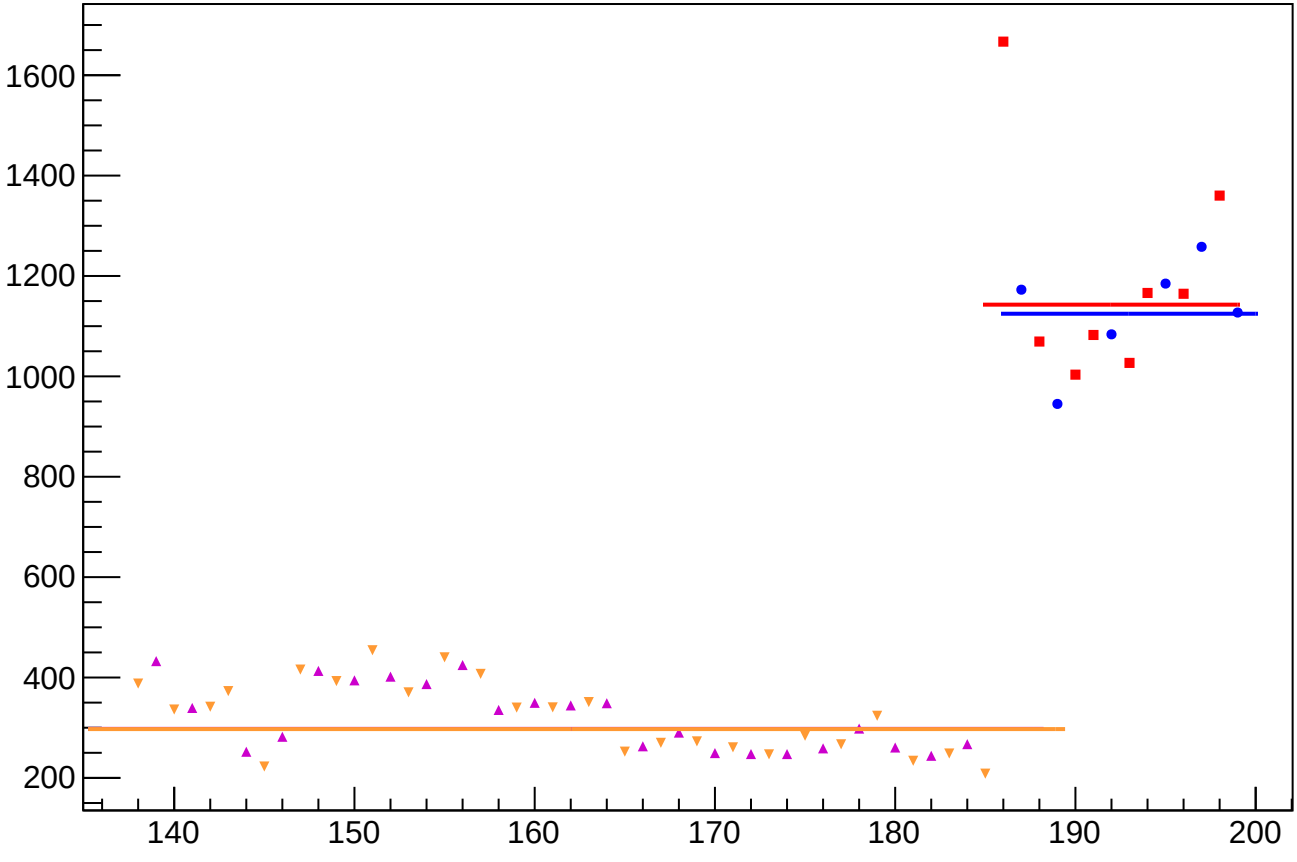
Right: 334.233+/-391.926 χ^2/NDF: 14.8/13

In: -71.091+/-71.958 χ^2/NDF:34.9/28

Out: -221.796+/-70.550 χ^2/NDF:56.5/32

All: -147.932+/-50.377 χ^2/NDF: 93.6/61

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 1124.767+/-0.426 χ^2/NDF: 57274.6/5

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1142.867+/-0.365 χ^2/NDF: 157486.5/7

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

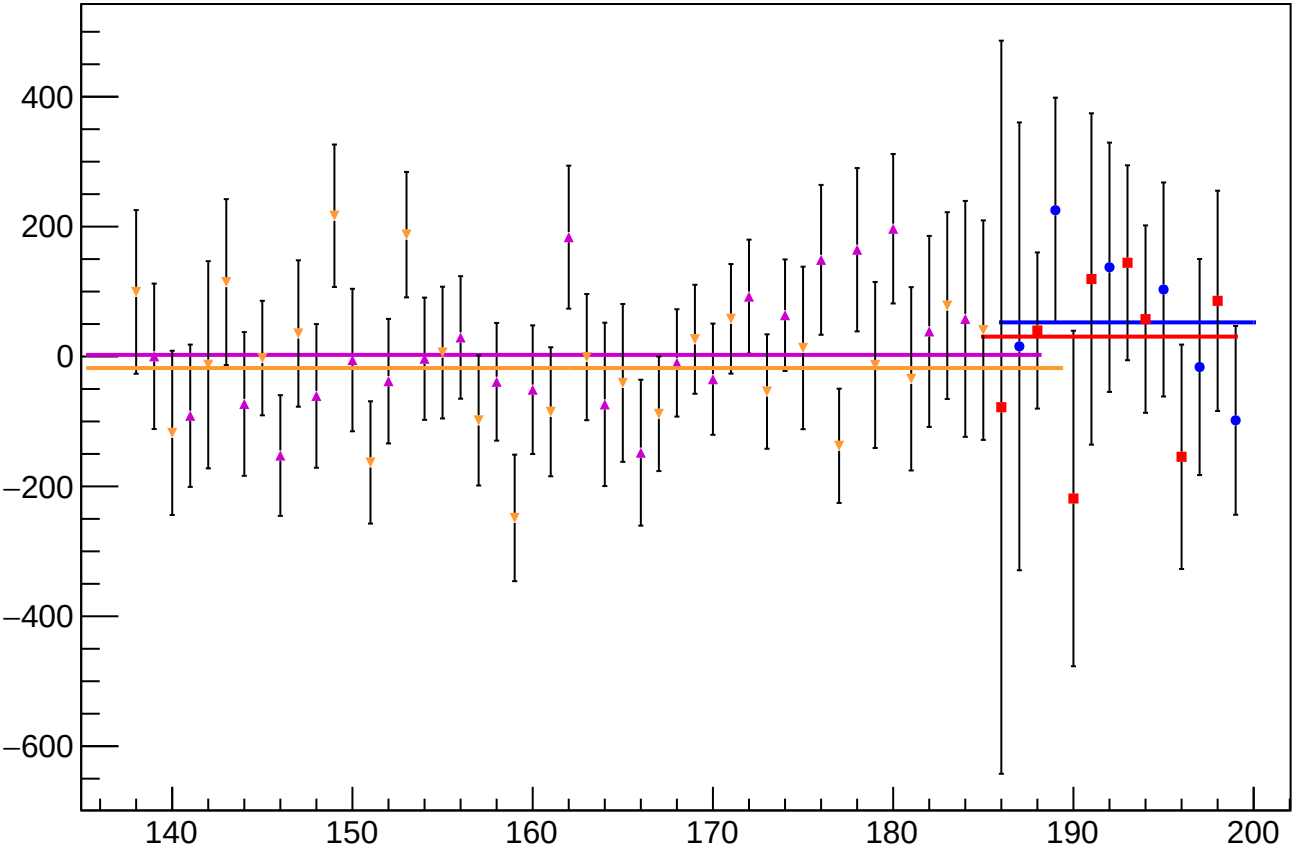
Right: 1135.195+/-0.277 χ^2/NDF: 215802.7/13

In: 309.512+/-0.051 χ^2/NDF:5052728.2/28

Out: 313.060+/-0.050 χ^2/NDF:7049411.8/32

All: 311.321+/-0.036 χ^2/NDF: 12104618.7/61

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 52.541+/-72.721 χ^2/NDF: 2.5/5

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 30.613+/-61.616 χ^2/NDF: 3.0/7

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

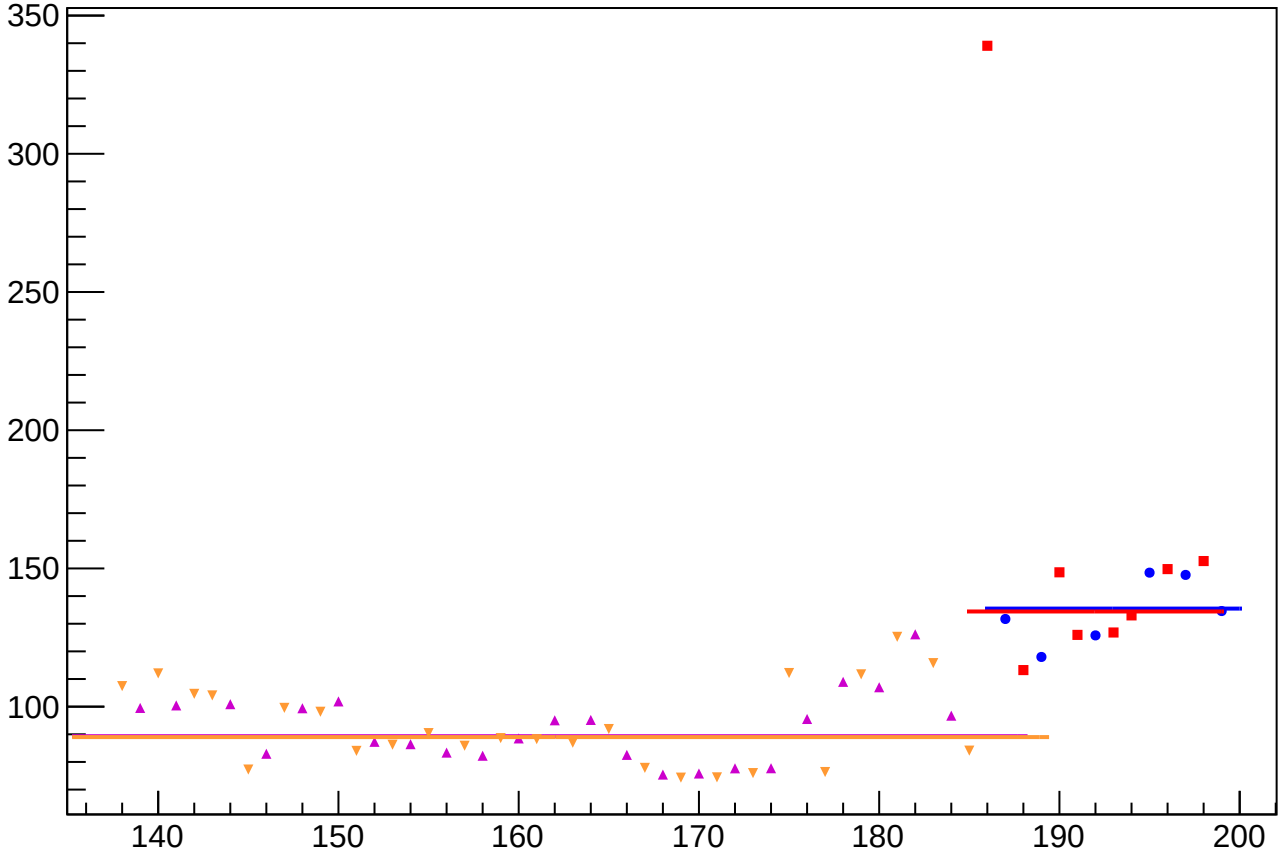
Right: 39.777+/-47.010 χ^2/NDF: 5.6/13

In: 6.556+/-20.690 χ^2/NDF:21.0/28

Out: -12.677+/-19.980 χ^2/NDF:29.0/32

All: -3.397+/-14.372 χ^2/NDF: 50.4/61

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 135.475+/-0.051 χ^2/NDF: 48975.0/5

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 134.432+/-0.044 χ^2/NDF: 377563.9/7

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

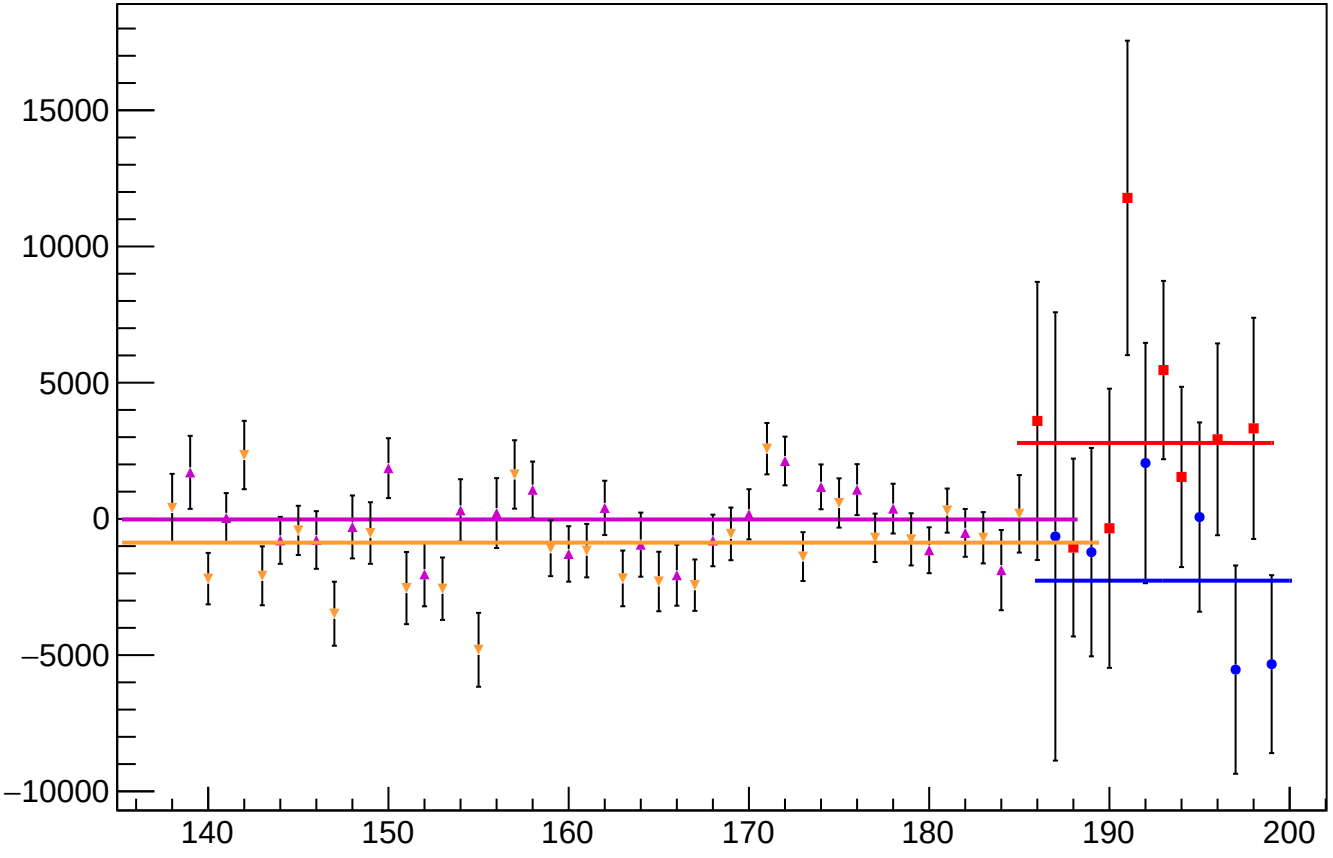
Right: 134.868+/-0.033 χ^2/NDF: 426778.7/13

In: 93.057+/-0.015 χ^2/NDF:1349807.2/28

Out: 93.769+/-0.014 χ^2/NDF:2158434.0/32

All: 93.425+/-0.010 χ^2/NDF: 3509464.0/61

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -2267.477+/-1623.121 χ^2/NDF: 3.1/5

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 2788.226+/-1378.329 χ^2/NDF: 5.0/7

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

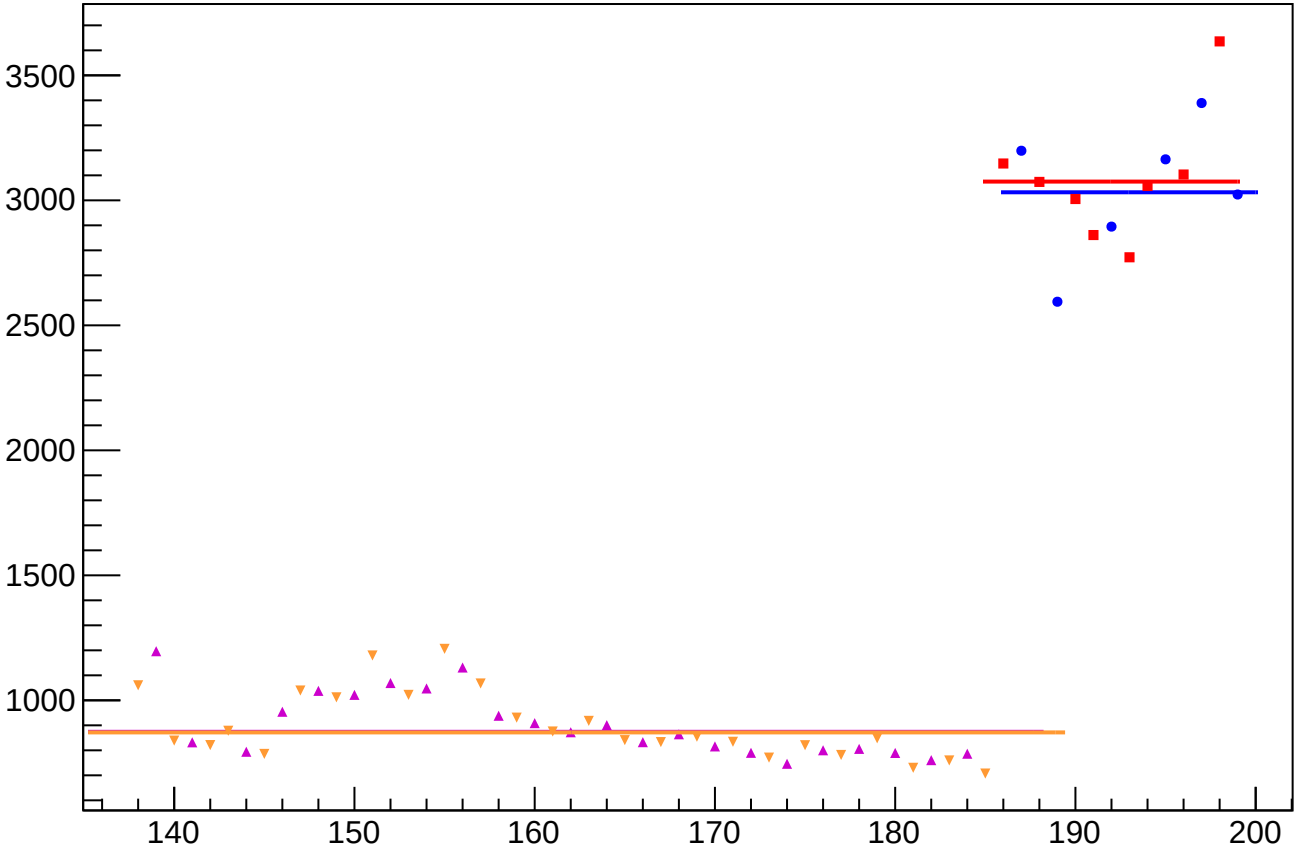
Right: 669.983+/-1050.626 χ^2/NDF: 13.8/13

In: -57.627+/-208.436 χ^2/NDF:34.7/28

Out: -791.120+/-203.723 χ^2/NDF:69.6/32

All: -432.760+/-145.692 χ^2/NDF: 110.6/61

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 3032.220+/-1.148 χ^2/NDF: 49290.6/5

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3075.044+/-0.975 χ^2/NDF: 58977.4/7

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

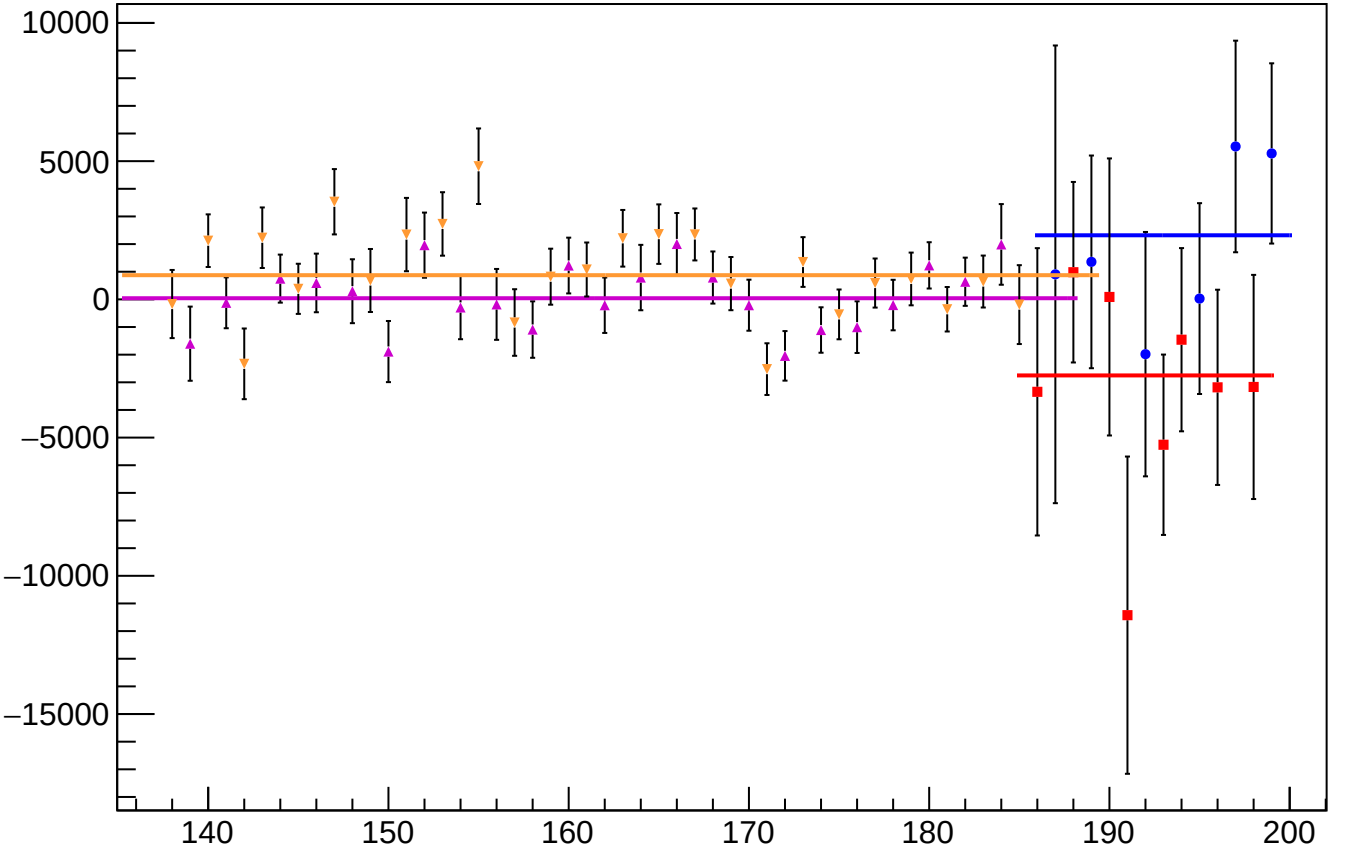
Right: 3057.102+/-0.743 χ^2/NDF: 109076.9/13

In: 909.646+/-0.147 χ^2/NDF:4105370.6/28

Out: 919.825+/-0.144 χ^2/NDF:5700575.8/32

All: 914.852+/-0.103 χ^2/NDF: 9808386.1/61

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 2318.529+/-1623.018 χ^2/NDF: 3.0/5

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -2751.122+/-1377.431 χ^2/NDF: 4.7/7

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

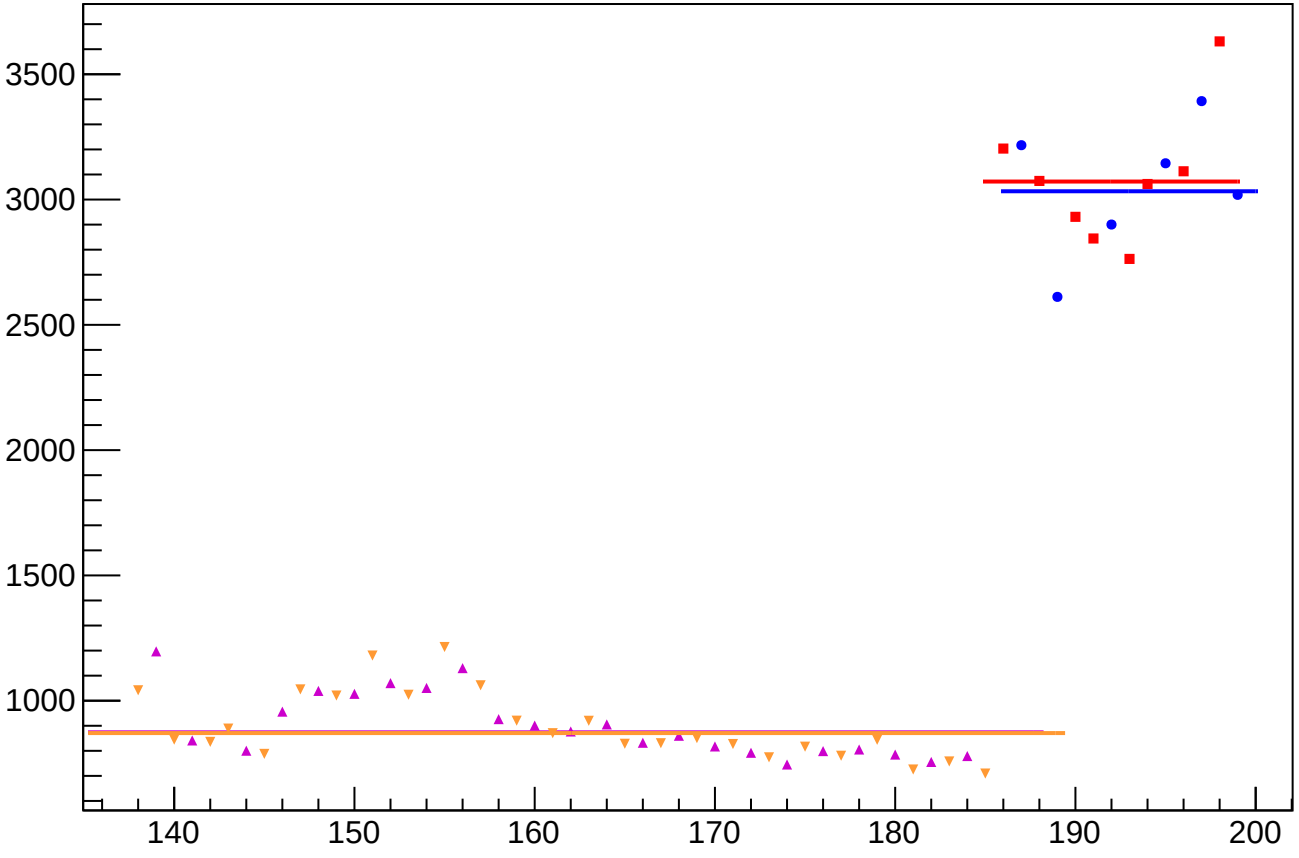
Right: -628.486+/-1050.200 χ^2/NDF: 13.4/13

In: 79.089+/-208.467 χ^2/NDF:33.1/28

Out: 796.075+/-203.320 χ^2/NDF:66.5/32

All: 446.543+/-145.555 χ^2/NDF: 105.7/61

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 3033.061+/-1.148 χ^2/NDF: 46595.7/5

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 3071.881+/-0.974 χ^2/NDF: 62265.0/7

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

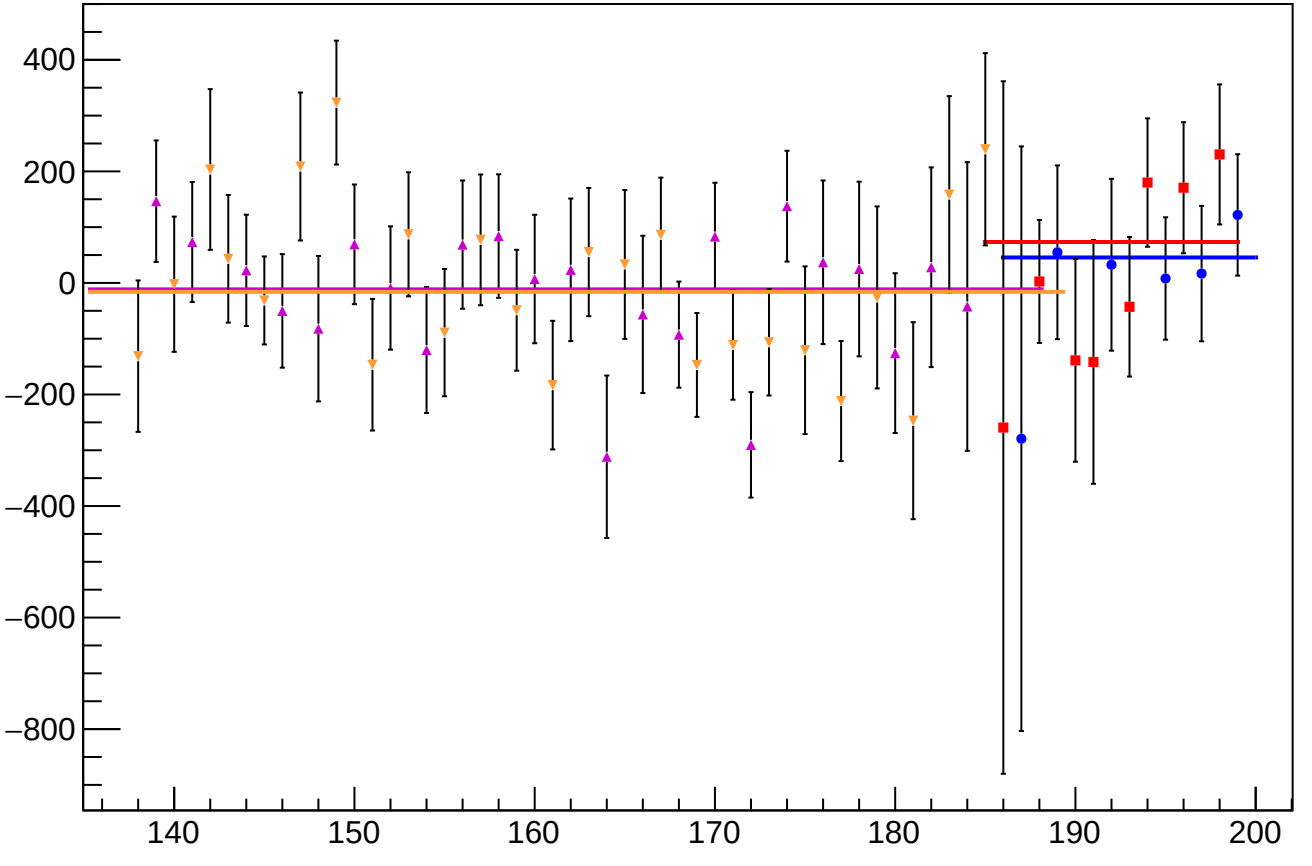
Right: 3055.627+/-0.743 χ^2/NDF: 109525.8/13

In: 909.524+/-0.147 χ^2/NDF:4111130.8/28

Out: 918.809+/-0.144 χ^2/NDF:5709514.5/32

All: 914.283+/-0.103 χ^2/NDF: 9822678.8/61

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 45.630+/-55.699 χ^2/NDF: 1.1/5

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: 73.396+/-49.298 χ^2/NDF: 7.0/7

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

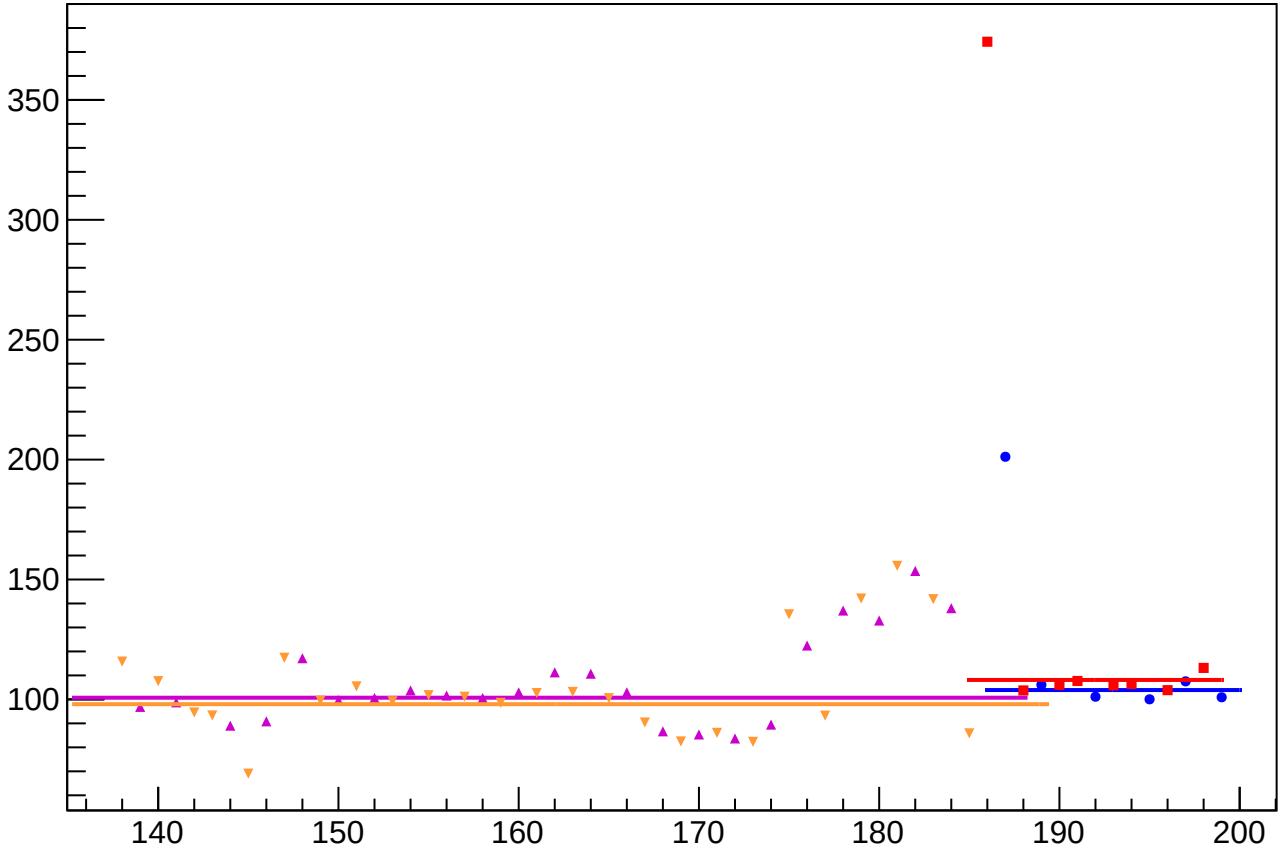
Right: 61.200+/-36.916 χ^2/NDF: 8.2/13

In: -2.353+/-22.359 χ^2/NDF:25.9/28

Out: 0.448+/-21.123 χ^2/NDF:44.6/32

All: -0.873+/-15.354 χ^2/NDF: 70.5/61

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 103.895+/-0.039 χ^2/NDF: 75759.0/5

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 108.109+/-0.035 χ^2/NDF: 377927.2/7

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

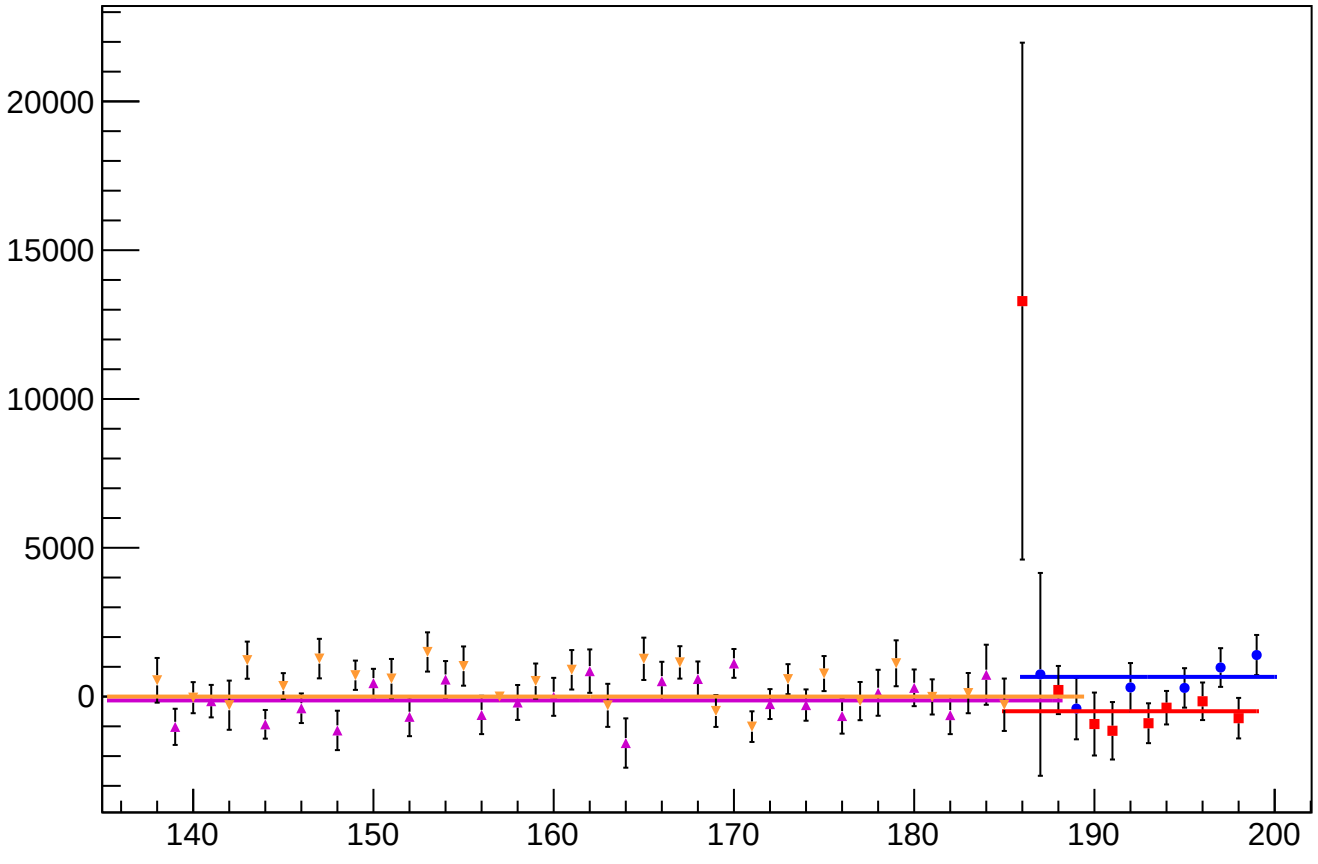
Right: 106.258+/-0.026 χ^2/NDF: 460104.6/13

In: 101.218+/-0.016 χ^2/NDF:841190.4/28

Out: 99.857+/-0.015 χ^2/NDF:1601589.1/32

All: 100.499+/-0.011 χ^2/NDF: 2446695.3/61

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 661.732+/-327.102 χ^2/NDF: 3.0/5

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -492.821+/-271.581 χ^2/NDF: 4.7/7

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

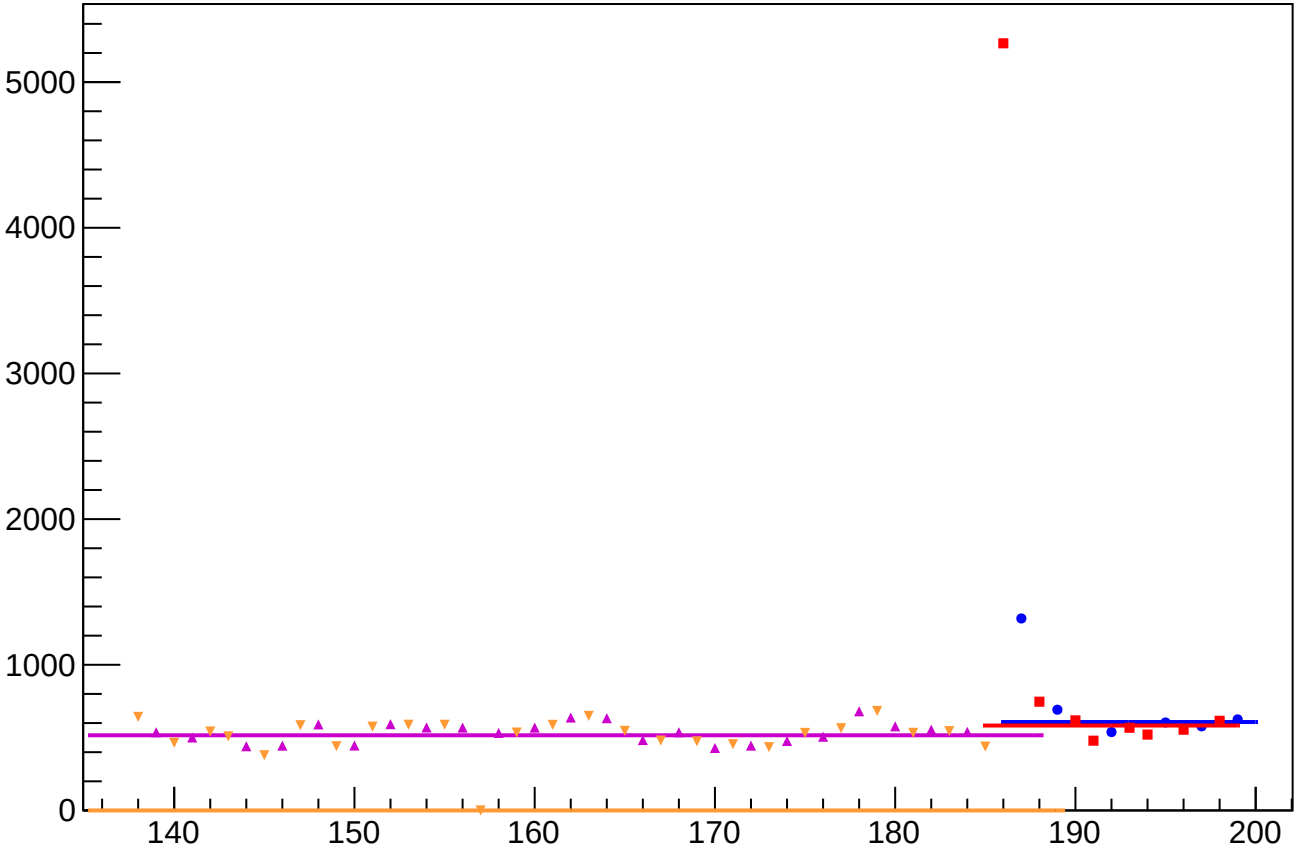
Right: -21.703+/-208.949 χ^2/NDF: 15.1/13

In: -29.381+/-116.150 χ^2/NDF:36.4/28

Out: -0.000+/-0.000 χ^2/NDF:47.9/32

All: -0.000+/-0.000 χ^2/NDF: 84.4/61

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 607.058+/-0.231 χ^2/NDF: 120108.6/5

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 583.022+/-0.192 χ^2/NDF: 722903.6/7

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

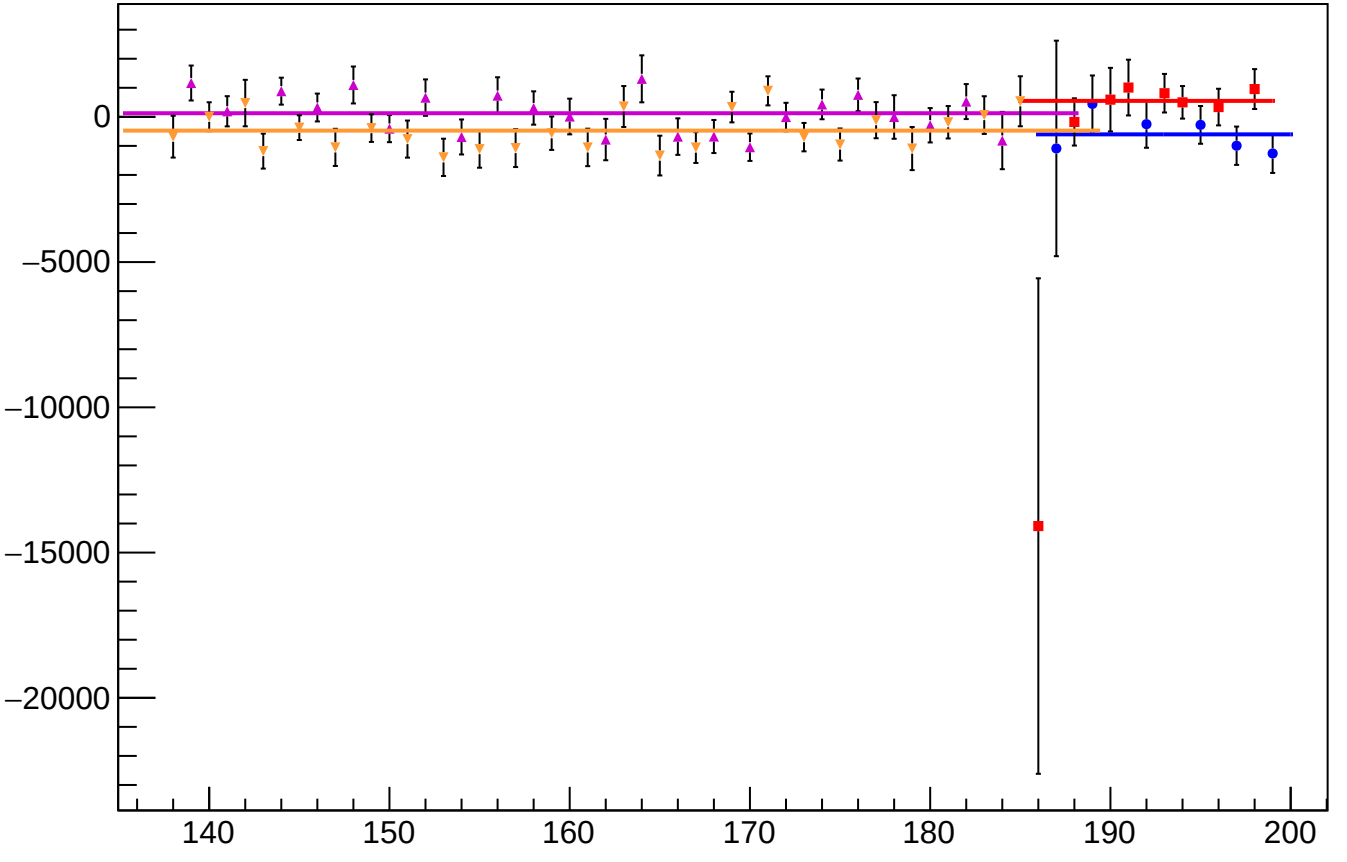
Right: 592.830+/-0.148 χ^2/NDF: 849404.4/13

In: 527.586+/-0.082 χ^2/NDF:826942.3/28

Out: 0.000+/-0.000 χ^2/NDF:44914254.2/32

All: 0.000+/-0.000 χ^2/NDF: 87005921.8/61

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -603.464+/-324.095 χ^2/NDF: 2.9/5

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 549.397+/-271.831 χ^2/NDF: 4.6/7

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

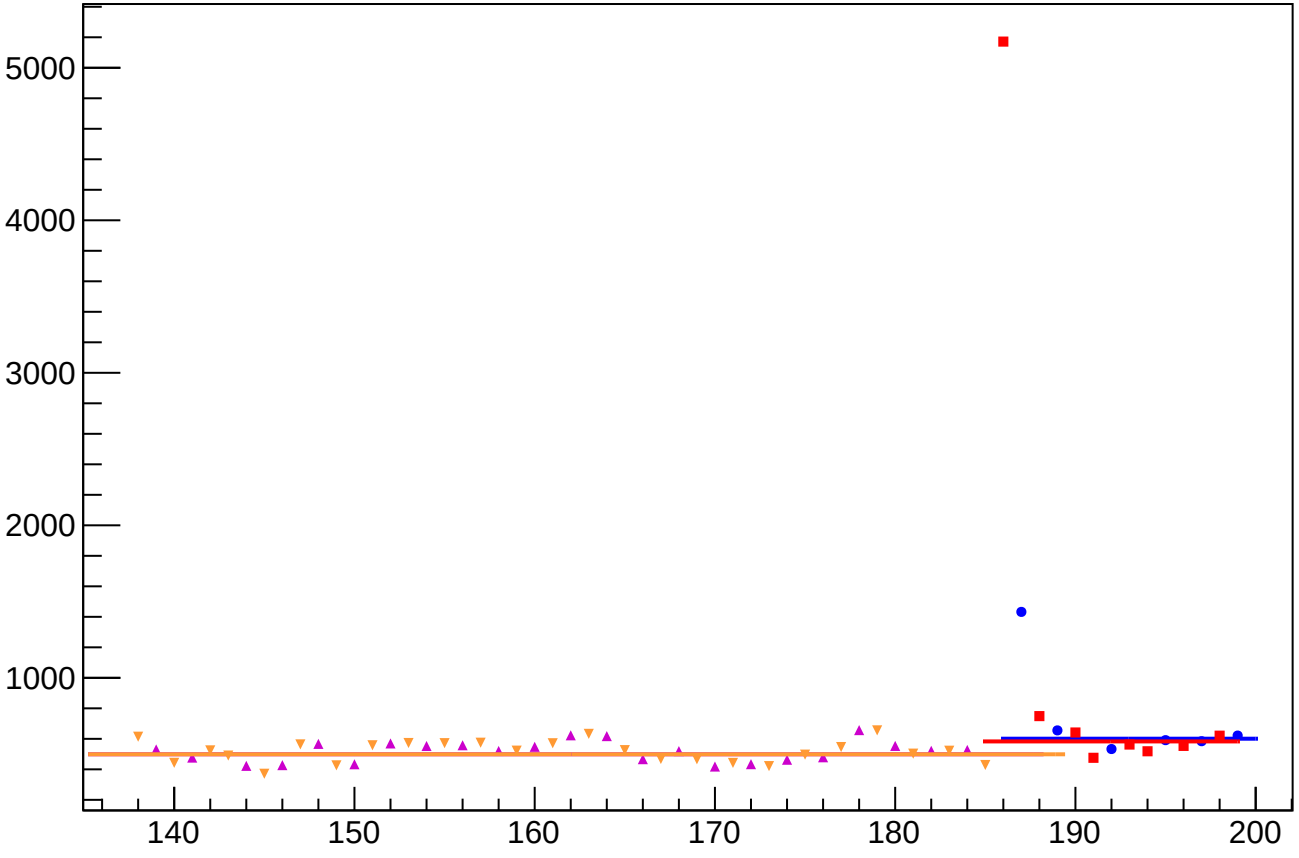
Right: 73.304+/-208.272 χ^2/NDF: 14.9/13

In: 36.035+/-112.712 χ^2/NDF:37.5/28

Out: -311.675+/-108.224 χ^2/NDF:44.5/32

All: -144.880+/-78.064 χ^2/NDF: 86.9/61

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 600.882+/-0.229 χ^2/NDF: 124136.1/5

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 583.074+/-0.192 χ^2/NDF: 731874.4/7

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

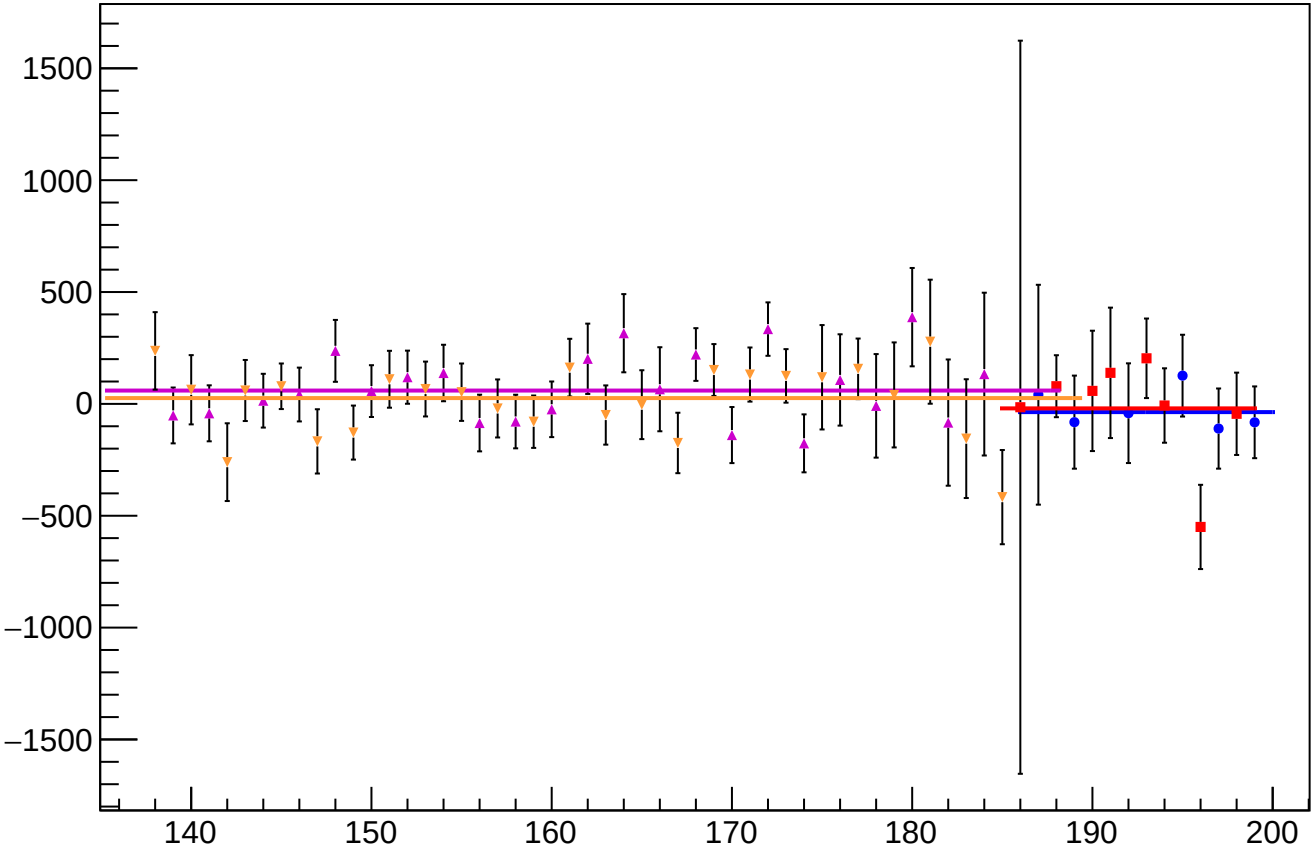
Right: 590.428+/-0.147 χ^2/NDF: 859555.5/13

In: 511.177+/-0.080 χ^2/NDF:870773.3/28

Out: 512.042+/-0.077 χ^2/NDF:1628813.9/32

All: 511.627+/-0.055 χ^2/NDF: 2499648.5/61

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -36.732+/-82.390 χ^2/NDF: 1.1/5

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: -20.075+/-70.083 χ^2/NDF: 10.4/7

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

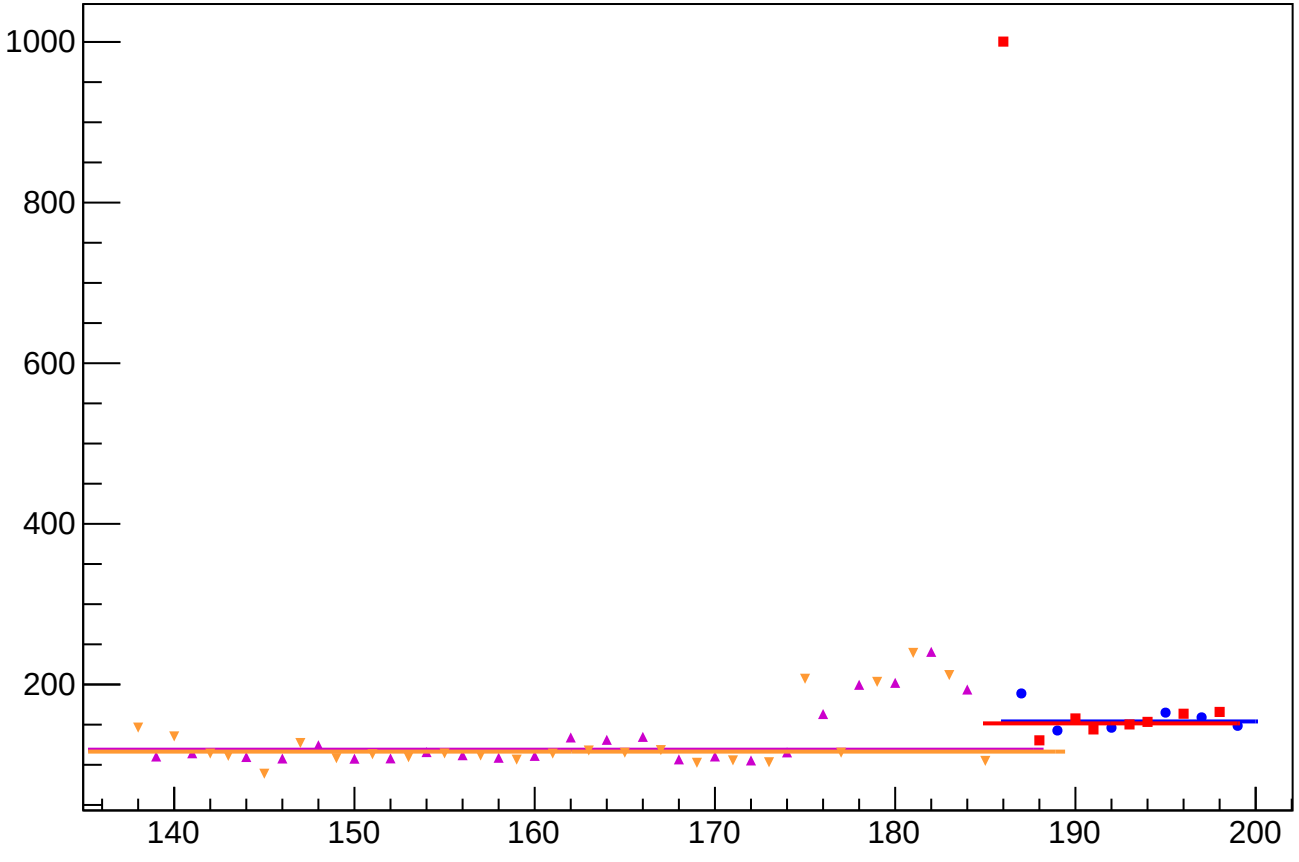
Right: -27.068+/-53.382 χ^2/NDF: 11.6/13

In: 48.864+/-27.509 χ^2/NDF:28.0/28

Out: 19.559+/-26.098 χ^2/NDF:33.5/32

All: 33.441+/-18.933 χ^2/NDF: 62.0/61

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 153.991+/-0.058 χ^2/NDF: 29540.8/5

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 151.563+/-0.050 χ^2/NDF: 606170.2/7

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

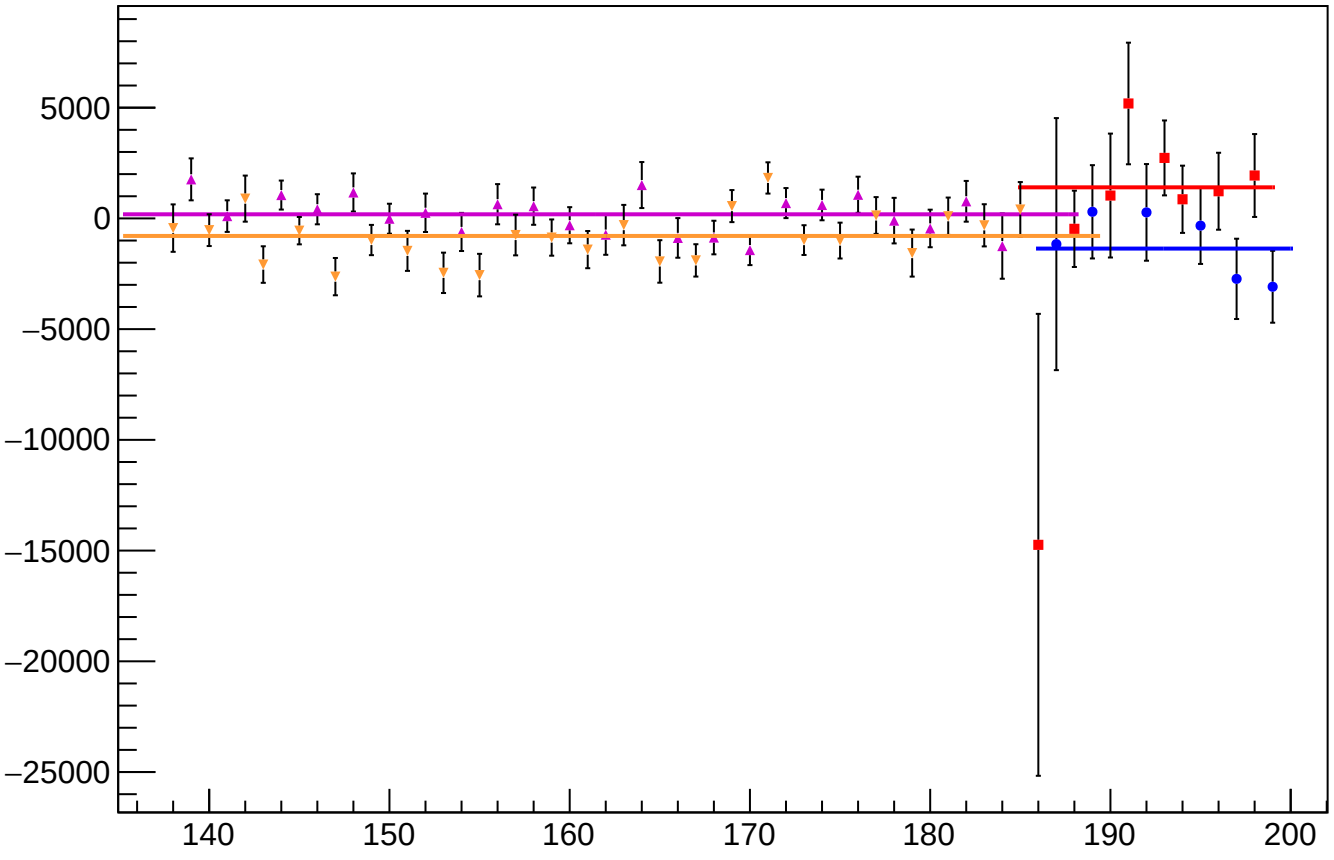
Right: 152.583+/-0.038 χ^2/NDF: 636718.4/13

In: 122.743+/-0.019 χ^2/NDF:1642516.5/28

Out: 121.300+/-0.018 χ^2/NDF:2628834.4/32

All: 121.983+/-0.013 χ^2/NDF: 4274246.6/61

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -1362.495+/-820.804 χ^2/NDF: 3.2/5

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 1402.890+/-705.968 χ^2/NDF: 6.3/7

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

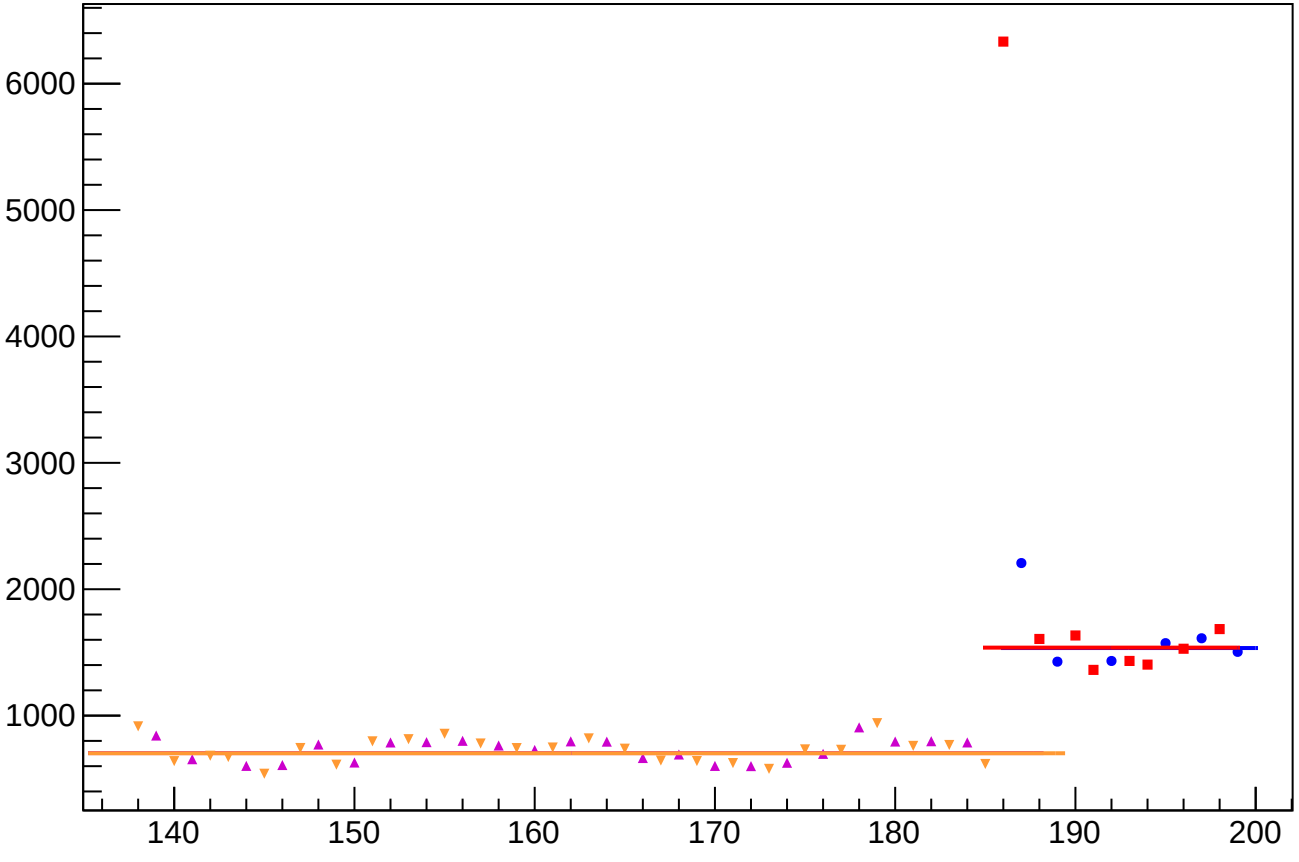
Right: 227.025+/-535.230 χ^2/NDF: 16.1/13

In: 122.123+/-165.692 χ^2/NDF:30.1/28

Out: -677.006+/-161.566 χ^2/NDF:59.1/32

All: -287.514+/-115.675 χ^2/NDF: 101.1/61

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1534.728+/-0.580 χ^2/NDF: 42891.0/5

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1537.972+/-0.499 χ^2/NDF: 472252.4/7

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

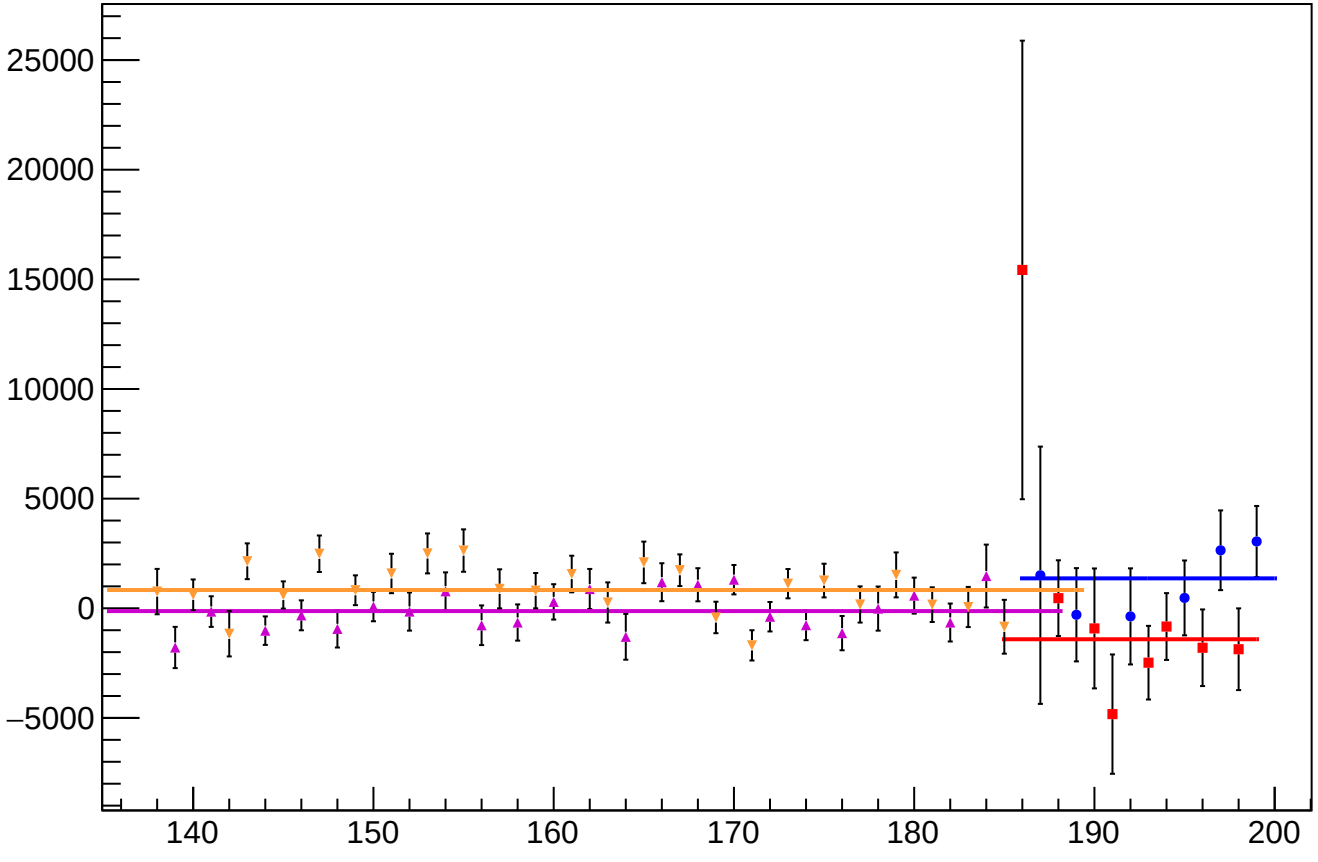
Right: 1536.592+/-0.378 χ^2/NDF: 515161.4/13

In: 737.573+/-0.117 χ^2/NDF:2543011.0/28

Out: 745.929+/-0.114 χ^2/NDF:3820375.0/32

All: 741.856+/-0.082 χ^2/NDF: 6365992.9/61

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 1363.996+/-820.444 χ^2/NDF: 3.1/5

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -1412.218+/-704.609 χ^2/NDF: 6.0/7

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

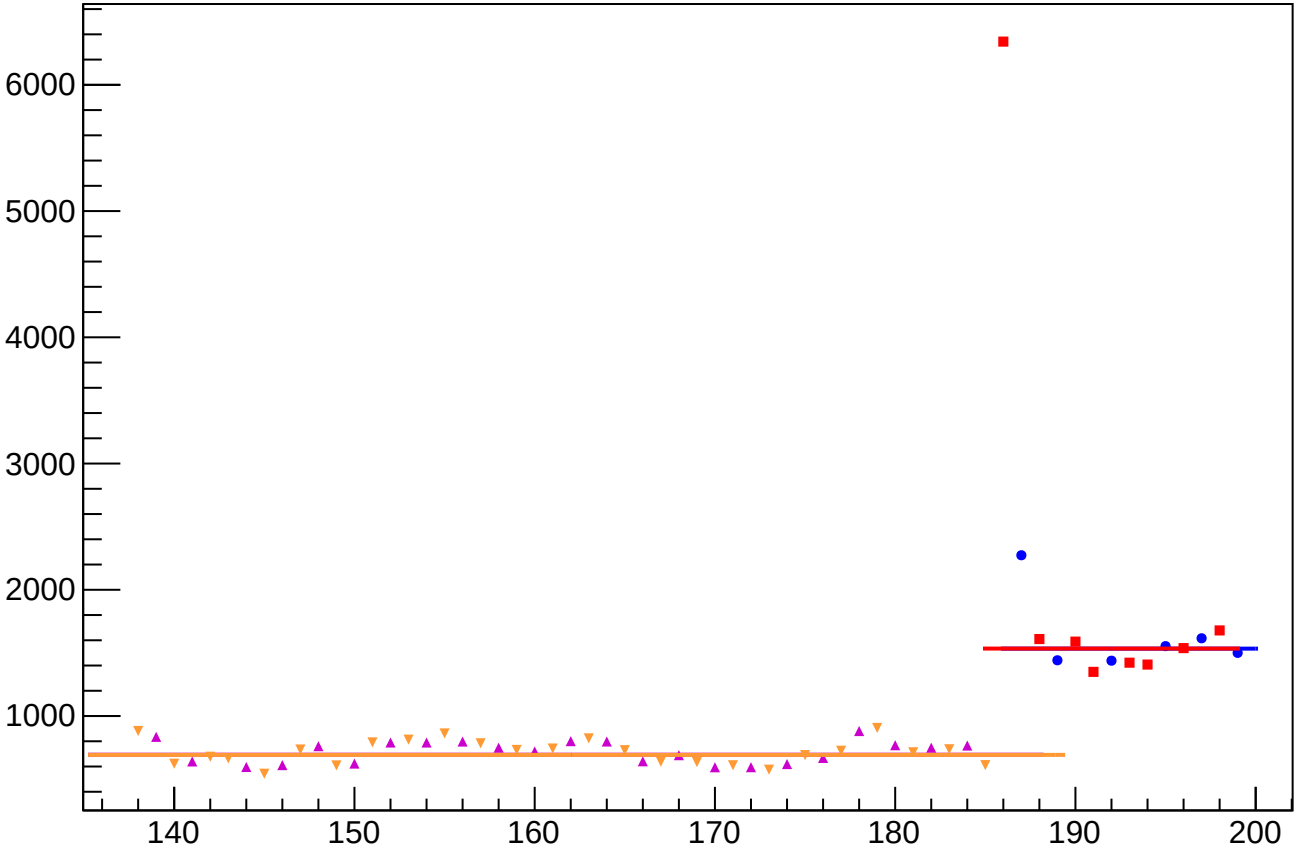
Right: -233.769+/-534.537 χ^2/NDF: 15.7/13

In: -68.850+/-163.518 χ^2/NDF:31.5/28

Out: 717.956+/-159.202 χ^2/NDF:59.5/32

All: 335.074+/-114.068 χ^2/NDF: 102.9/61

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 1533.829+/-0.580 χ^2/NDF: 44559.4/5

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1534.306+/-0.498 χ^2/NDF: 471381.3/7

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

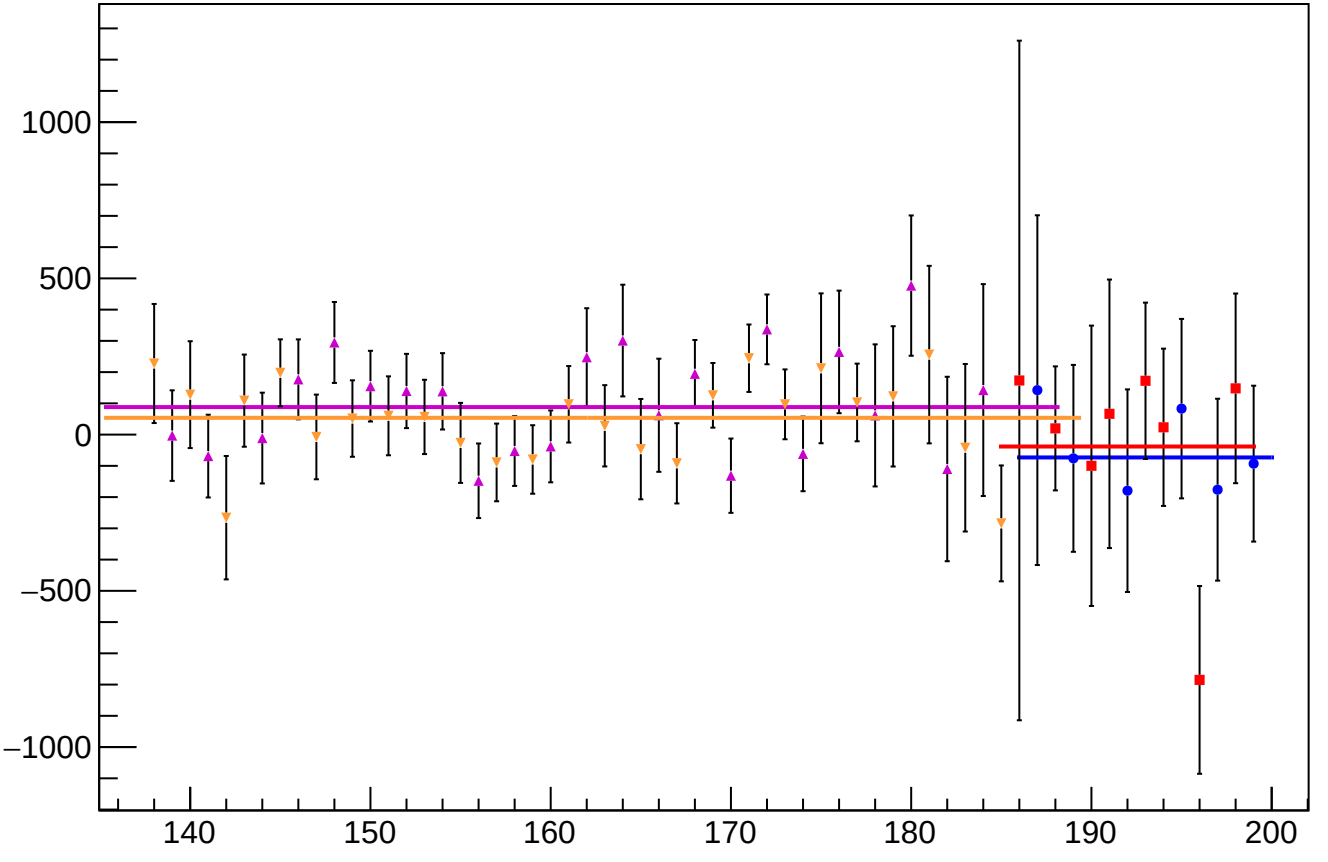
Right: 1534.103+/-0.378 χ^2/NDF: 515941.1/13

In: 726.991+/-0.116 χ^2/NDF:2579478.6/28

Out: 735.067+/-0.113 χ^2/NDF:3840733.2/32

All: 731.137+/-0.081 χ^2/NDF: 6422716.7/61

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -73.068+/-125.115 χ^2/NDF: 0.7/5

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: -38.127+/-105.222 χ^2/NDF: 7.5/7

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

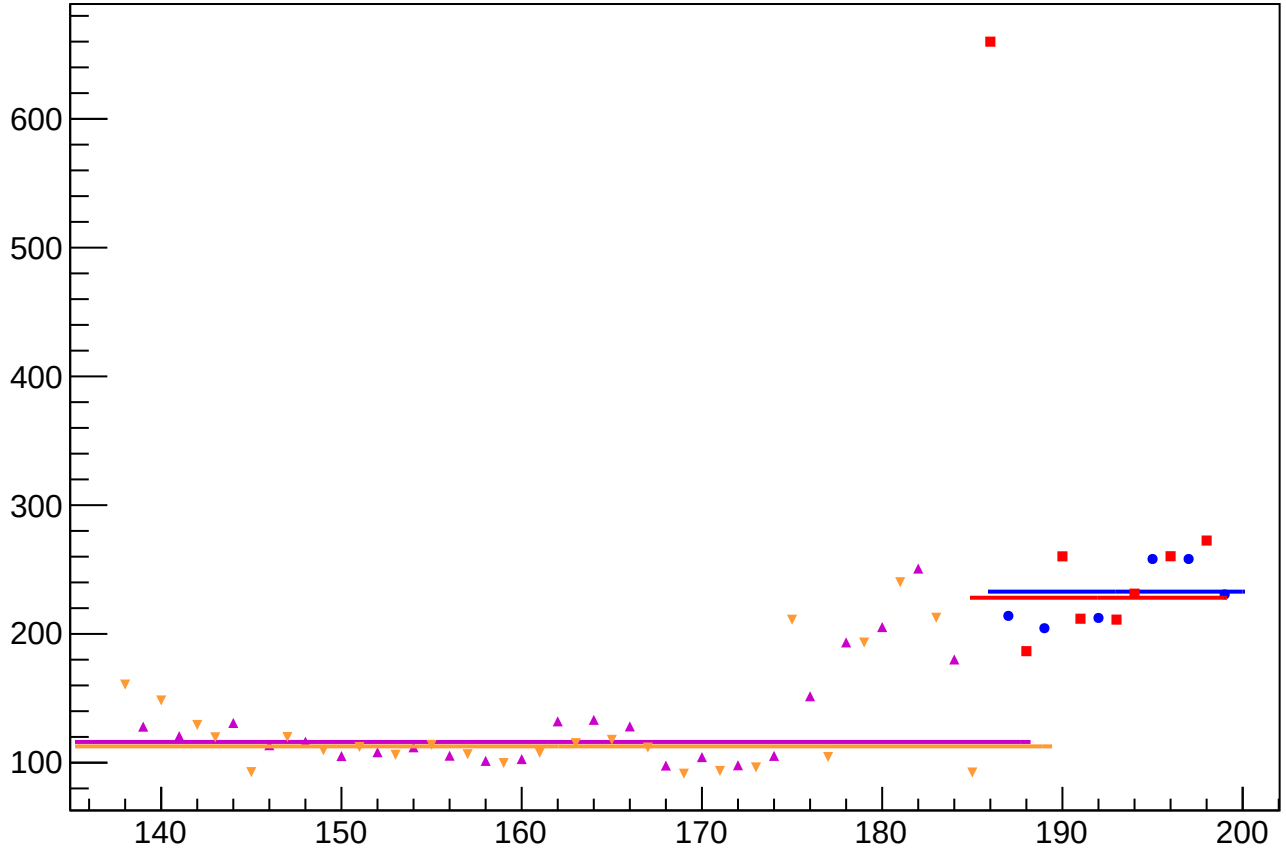
Right: -52.602+/-80.529 χ^2/NDF: 8.3/13

In: 79.995+/-28.032 χ^2/NDF:32.6/28

Out: 47.845+/-26.572 χ^2/NDF:27.5/32

All: 63.061+/-19.285 χ^2/NDF: 60.8/61

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 232.842+/-0.088 χ^2/NDF: 59138.0/5

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 228.110+/-0.074 χ^2/NDF: 491337.0/7

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

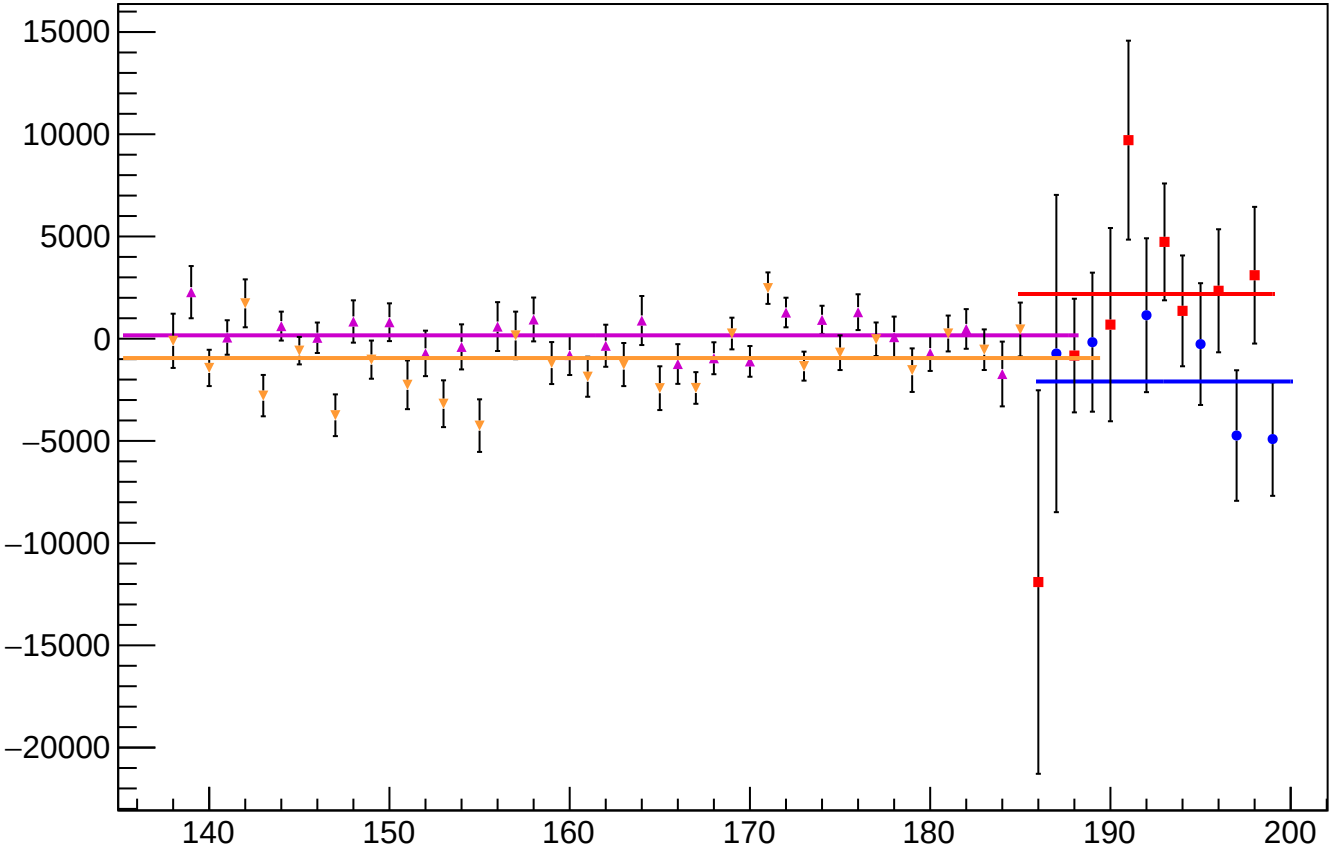
Right: 230.070+/-0.057 χ^2/NDF: 552150.9/13

In: 121.968+/-0.020 χ^2/NDF:3151666.6/28

Out: 120.030+/-0.019 χ^2/NDF:4596648.6/32

All: 120.947+/-0.014 χ^2/NDF: 7753348.9/61

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -2093.416+/-1394.742 χ^2/NDF: 3.2/5

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 2186.434+/-1207.172 χ^2/NDF: 6.9/7

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

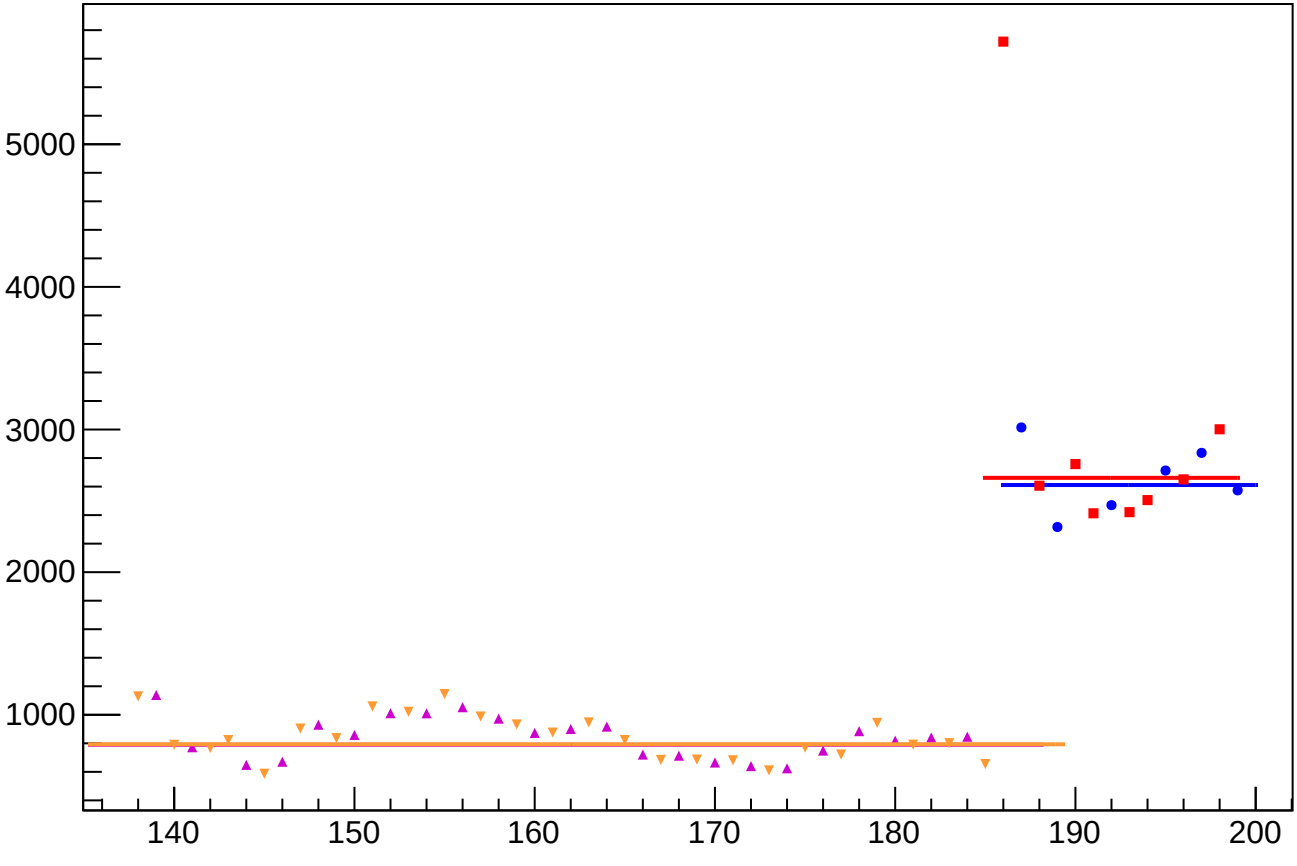
Right: 353.444+/-912.766 χ^2/NDF: 15.5/13

In: 122.587+/-189.361 χ^2/NDF:27.8/28

Out: -871.713+/-186.406 χ^2/NDF:76.8/32

All: -382.383+/-132.841 χ^2/NDF: 118.6/61

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2610.912+/-0.986 χ^2/NDF: 35860.6/5

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2661.288+/-0.854 χ^2/NDF: 261020.3/7

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

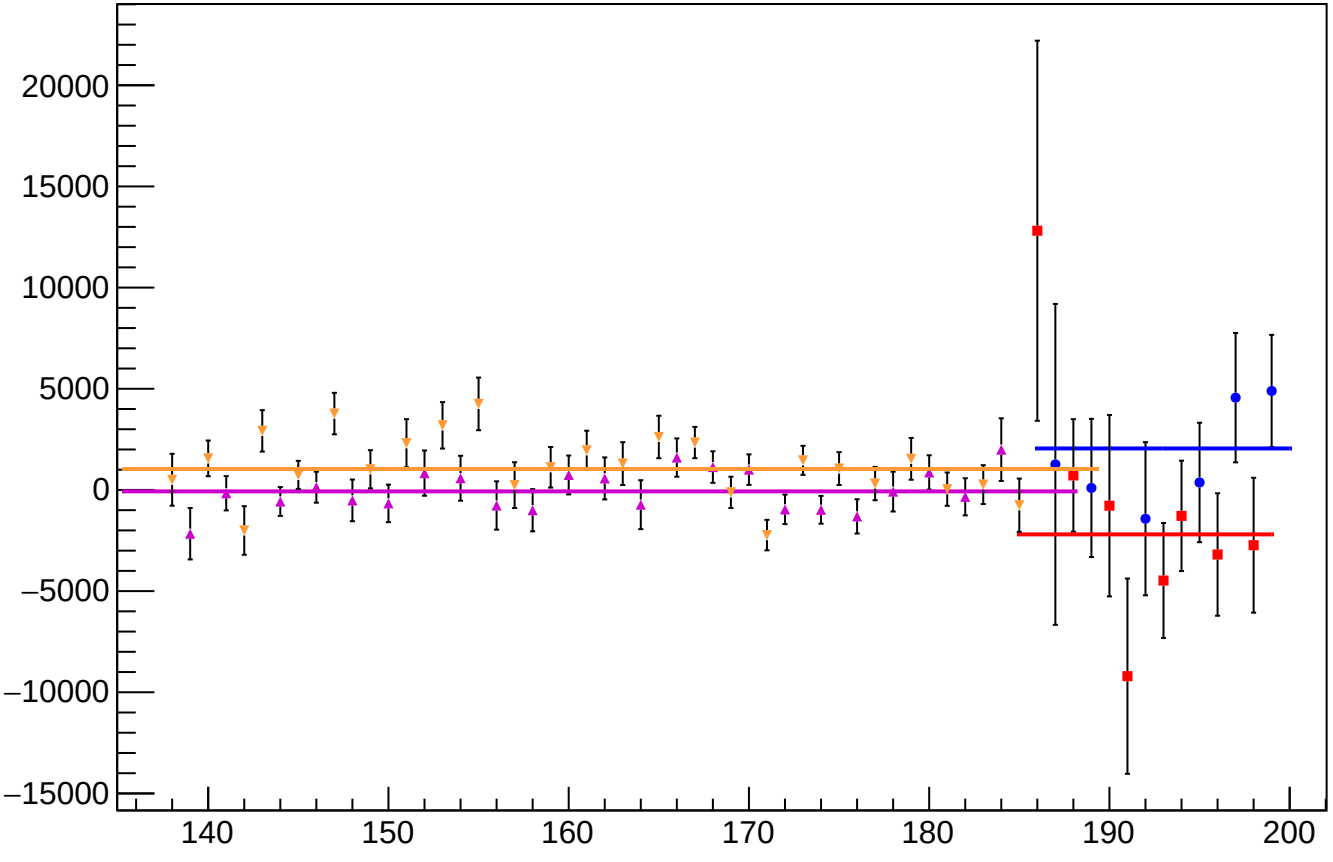
Right: 2639.713+/-0.645 χ^2/NDF: 298372.6/13

In: 823.269+/-0.134 χ^2/NDF:4403034.7/28

Out: 837.698+/-0.132 χ^2/NDF:6095357.6/32

All: 830.597+/-0.094 χ^2/NDF: 10504289.8/61

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 2050.195+/-1394.487 χ^2/NDF: 3.2/5

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -2196.421+/-1203.076 χ^2/NDF: 6.8/7

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

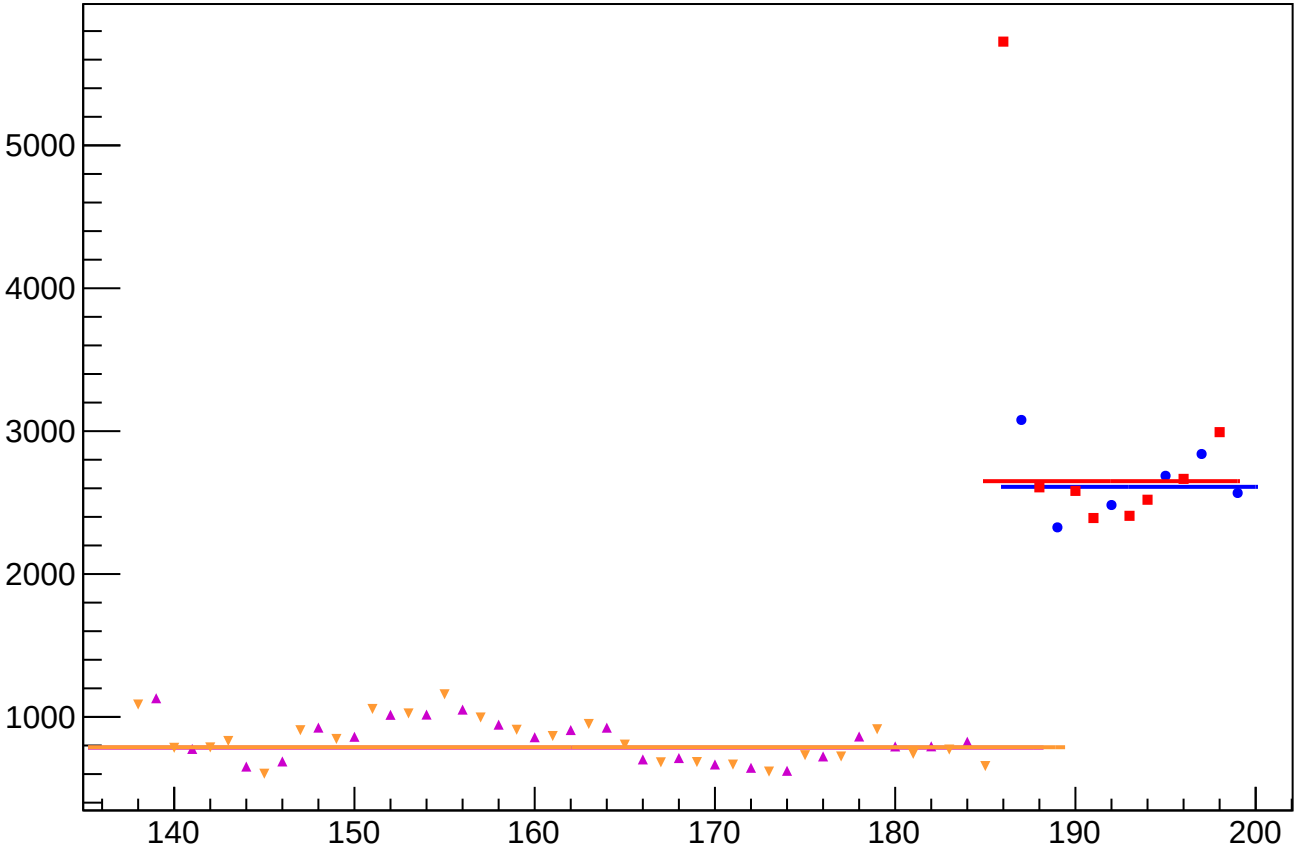
Right: -384.351+/-910.921 χ^2/NDF: 15.2/13

In: -32.131+/-188.412 χ^2/NDF:28.8/28

Out: 959.167+/-185.016 χ^2/NDF:75.2/32

All: 472.531+/-132.010 χ^2/NDF: 118.1/61

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2610.273+/-0.986 χ^2/NDF: 35231.5/5

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2649.941+/-0.851 χ^2/NDF: 261525.4/7

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

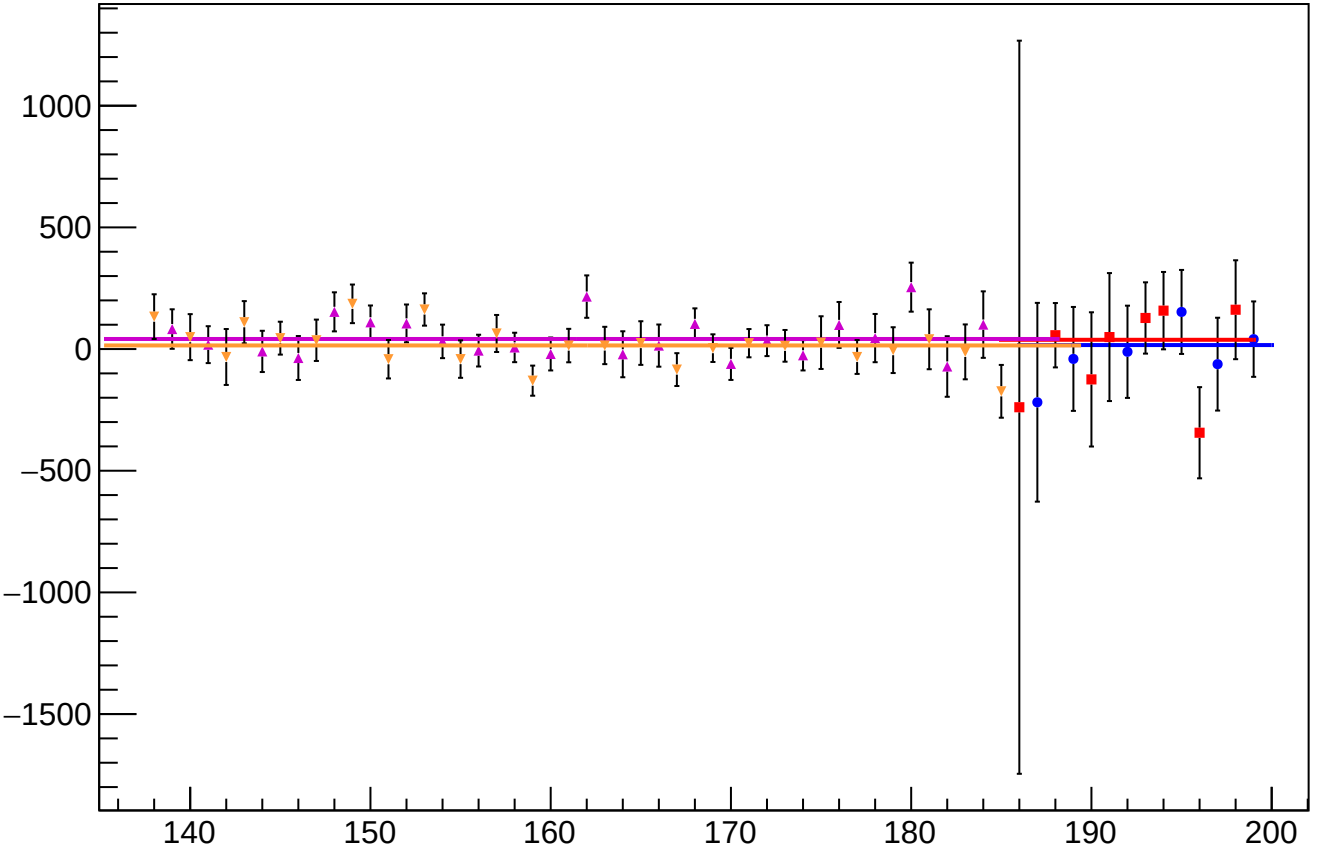
Right: 2633.014+/-0.644 χ^2/NDF: 297684.7/13

In: 818.496+/-0.133 χ^2/NDF:4375506.6/28

Out: 832.017+/-0.131 χ^2/NDF:6052754.8/32

All: 825.379+/-0.093 χ^2/NDF: 10433504.3/61

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 16.439+/-79.446 χ^2/NDF: 1.2/5

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: 38.105+/-66.806 χ^2/NDF: 5.9/7

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

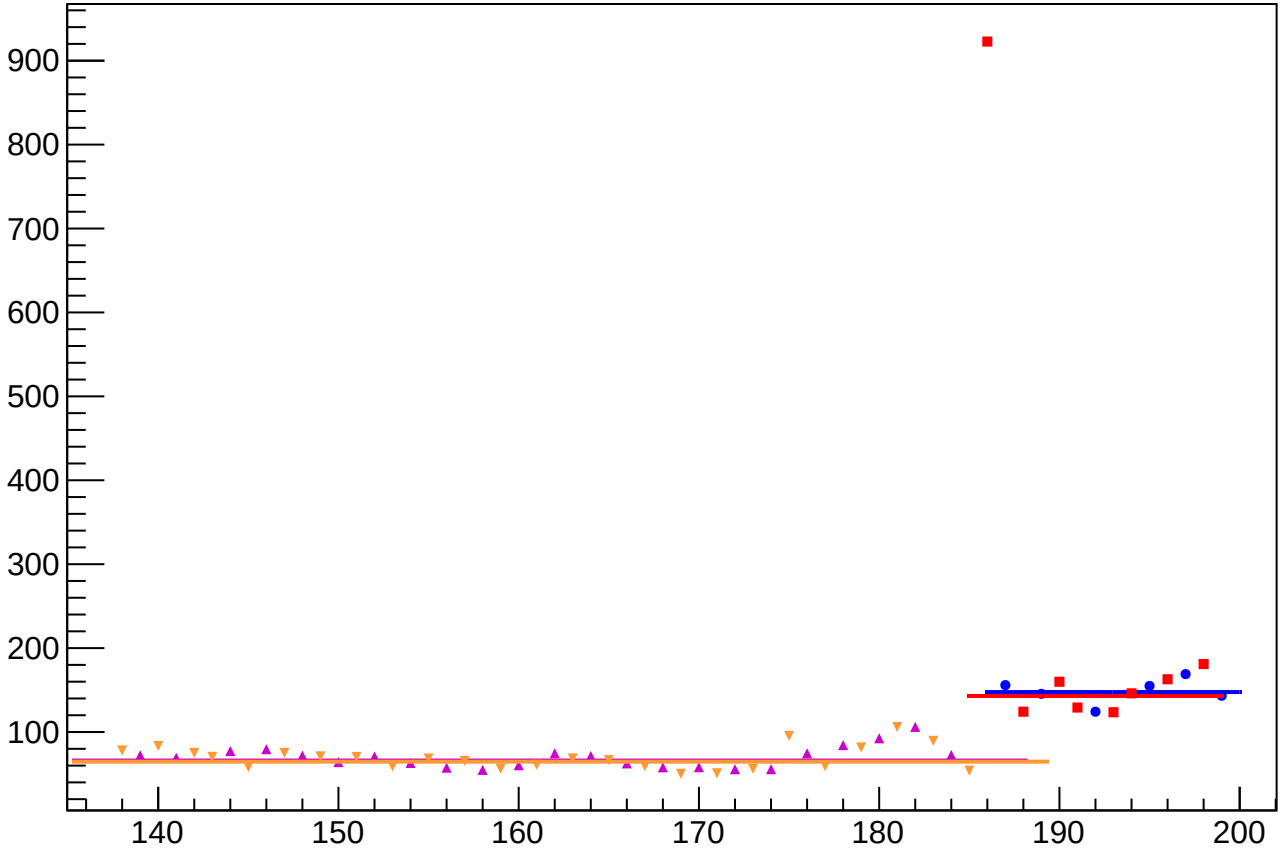
Right: 29.131+/-51.131 χ^2/NDF: 7.2/13

In: 40.439+/-15.808 χ^2/NDF:23.0/28

Out: 16.070+/-15.126 χ^2/NDF:31.8/32

All: 27.717+/-10.929 χ^2/NDF: 56.1/61

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 147.633+/-0.056 χ^2/NDF: 61773.0/5

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 142.986+/-0.047 χ^2/NDF: 717547.3/7

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

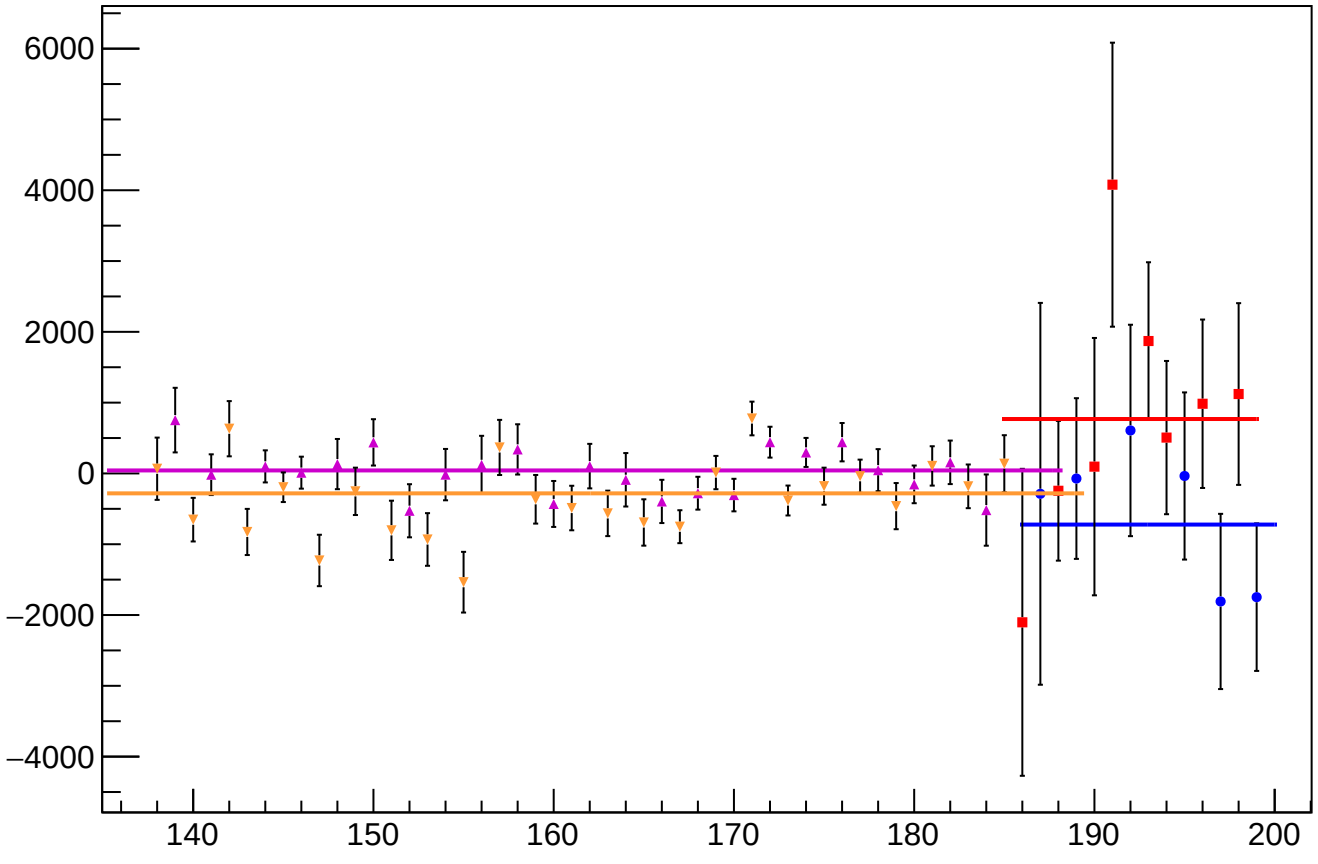
Right: 144.911+/-0.036 χ^2/NDF: 783330.0/13

In: 69.247+/-0.011 χ^2/NDF:2957441.4/28

Out: 68.694+/-0.011 χ^2/NDF:4474917.7/32

All: 68.958+/-0.008 χ^2/NDF: 7433637.1/61

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: -722.359+/-523.148 χ^2/NDF: 3.2/5

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 768.680+/-458.071 χ^2/NDF: 6.8/7

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

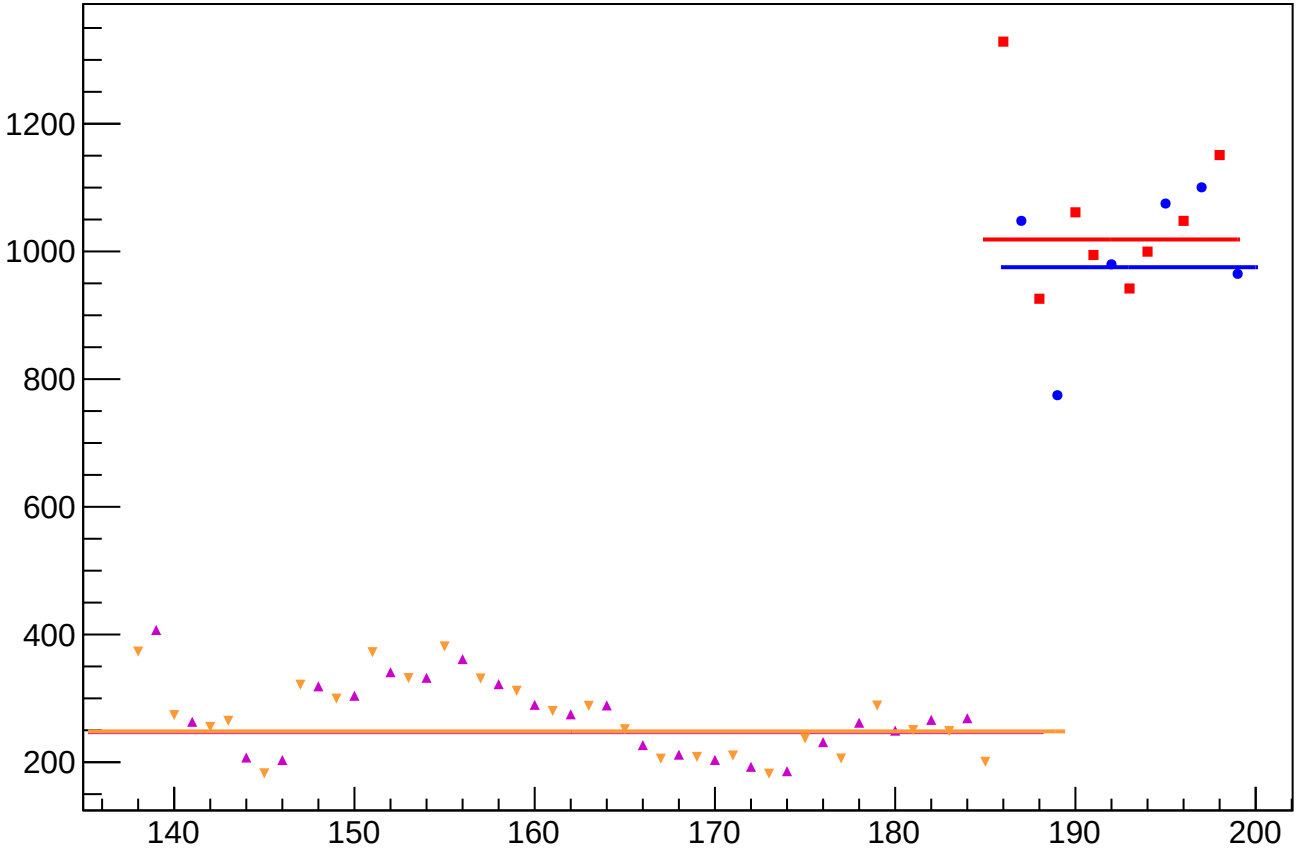
Right: 121.616+/-344.630 χ^2/NDF: 14.6/13

In: 32.346+/-59.888 χ^2/NDF:30.0/28

Out: -263.964+/-59.037 χ^2/NDF:78.4/32

All: -117.928+/-42.043 χ^2/NDF: 120.9/61

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 975.305+/-0.370 χ^2/NDF: 98796.8/5

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 1018.748+/-0.324 χ^2/NDF: 92502.2/7

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

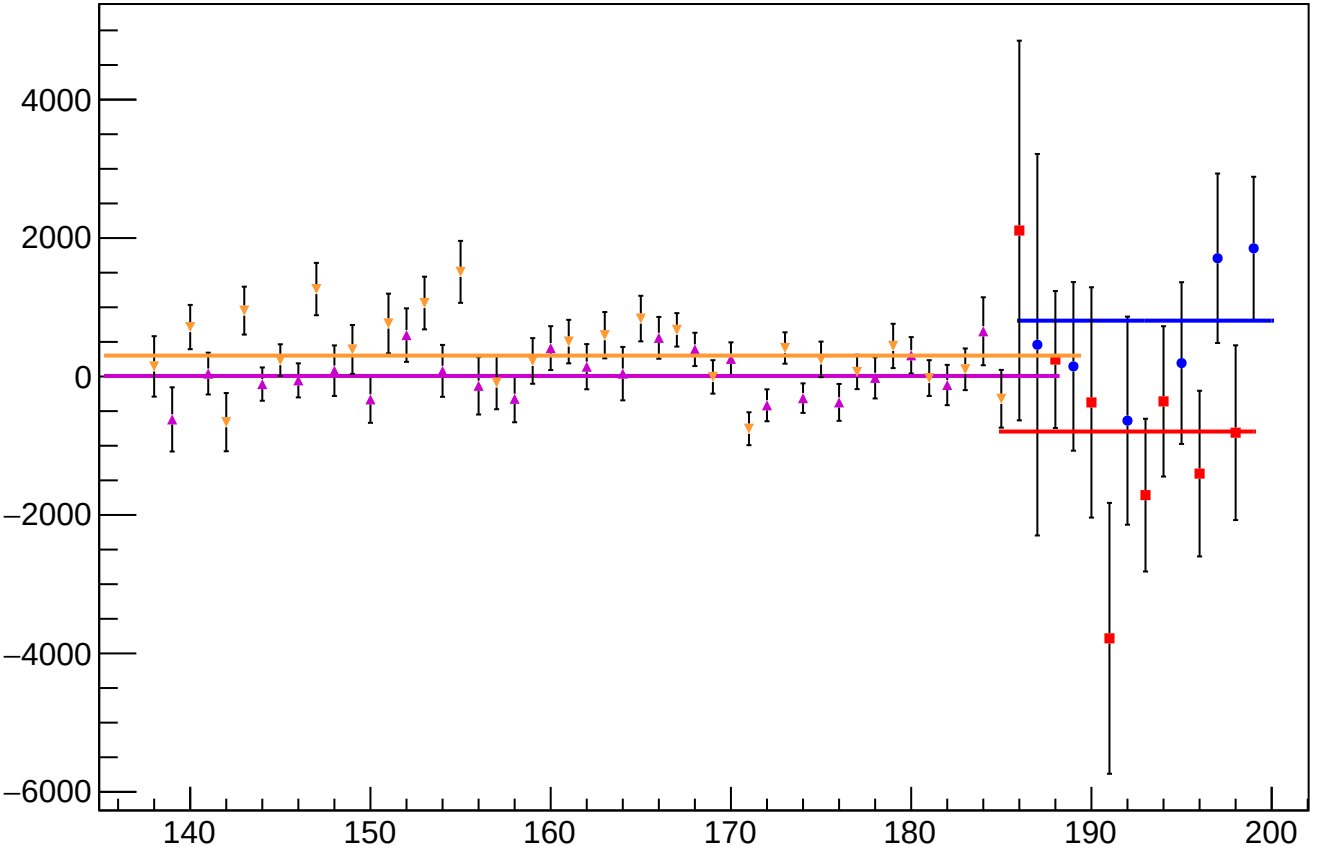
Right: 999.895+/-0.244 χ^2/NDF: 199105.6/13

In: 256.648+/-0.042 χ^2/NDF:5462439.8/28

Out: 261.094+/-0.042 χ^2/NDF:7344104.6/32

All: 258.903+/-0.030 χ^2/NDF: 12812134.9/61

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 806.917+/-528.133 χ^2/NDF: 3.1/5

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -794.786+/-457.710 χ^2/NDF: 5.7/7

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

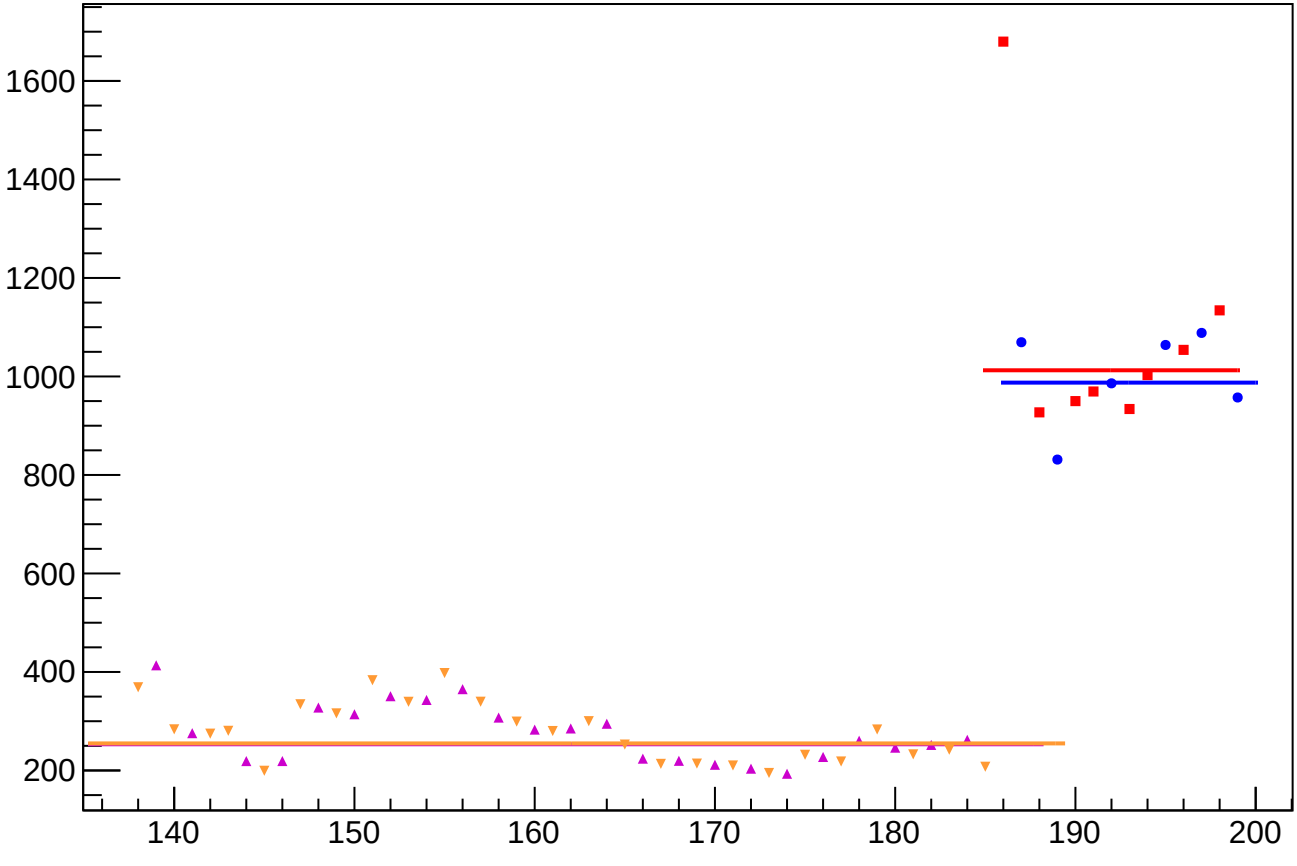
Right: -107.771+/-345.888 χ^2/NDF: 14.1/13

In: 18.682+/-61.308 χ^2/NDF:31.6/28

Out: 283.278+/-60.456 χ^2/NDF:75.2/32

All: 152.831+/-43.047 χ^2/NDF: 116.3/61

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 987.477+/-0.373 χ^2/NDF: 58571.1/5

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 1012.532+/-0.324 χ^2/NDF: 168431.6/7

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

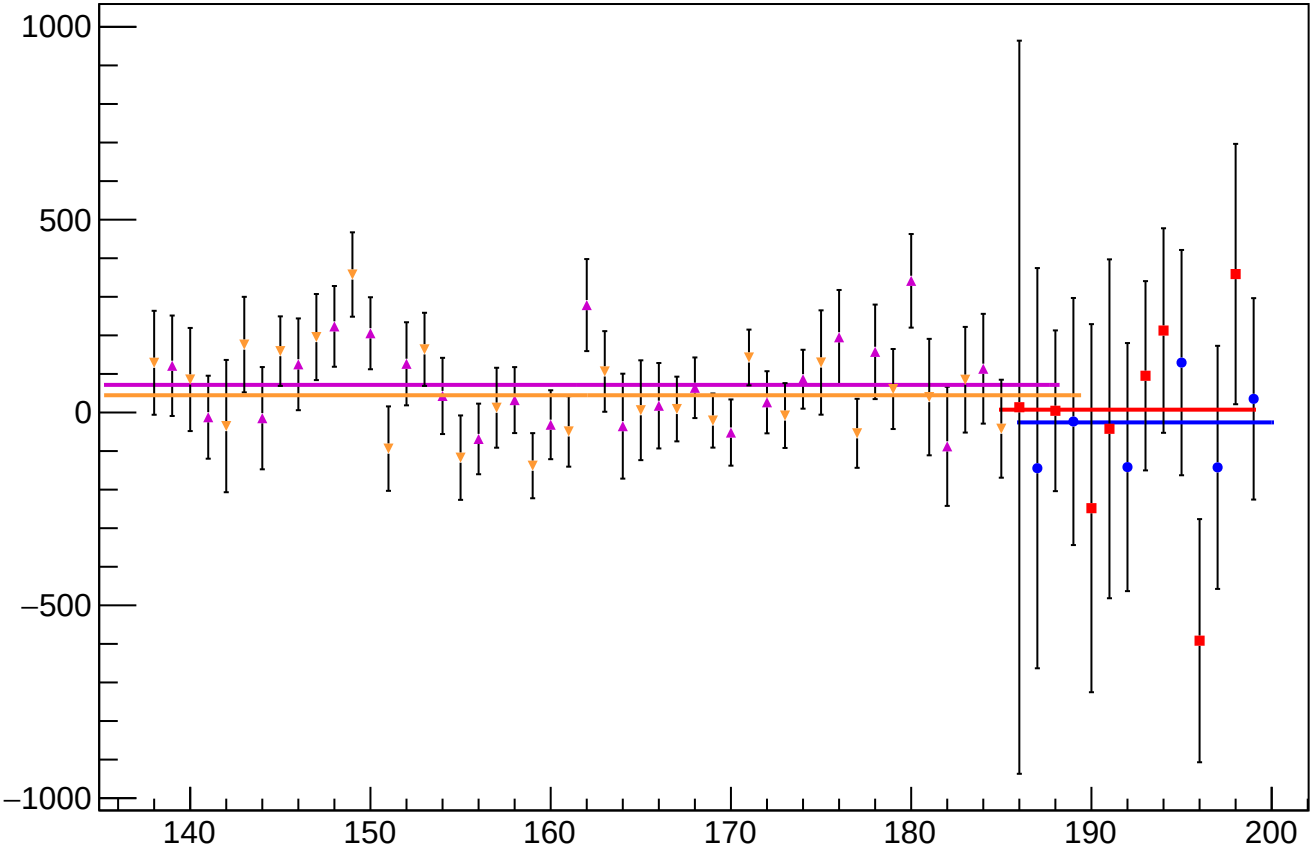
Right: 1001.785+/-0.245 χ^2/NDF: 229573.2/13

In: 263.065+/-0.043 χ^2/NDF:5239320.5/28

Out: 268.155+/-0.043 χ^2/NDF:7093818.0/32

All: 265.646+/-0.030 χ^2/NDF: 12340125.5/61

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -25.669+/-129.557 χ^2/NDF: 0.7/5

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 7.332+/-109.529 χ^2/NDF: 5.7/7

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

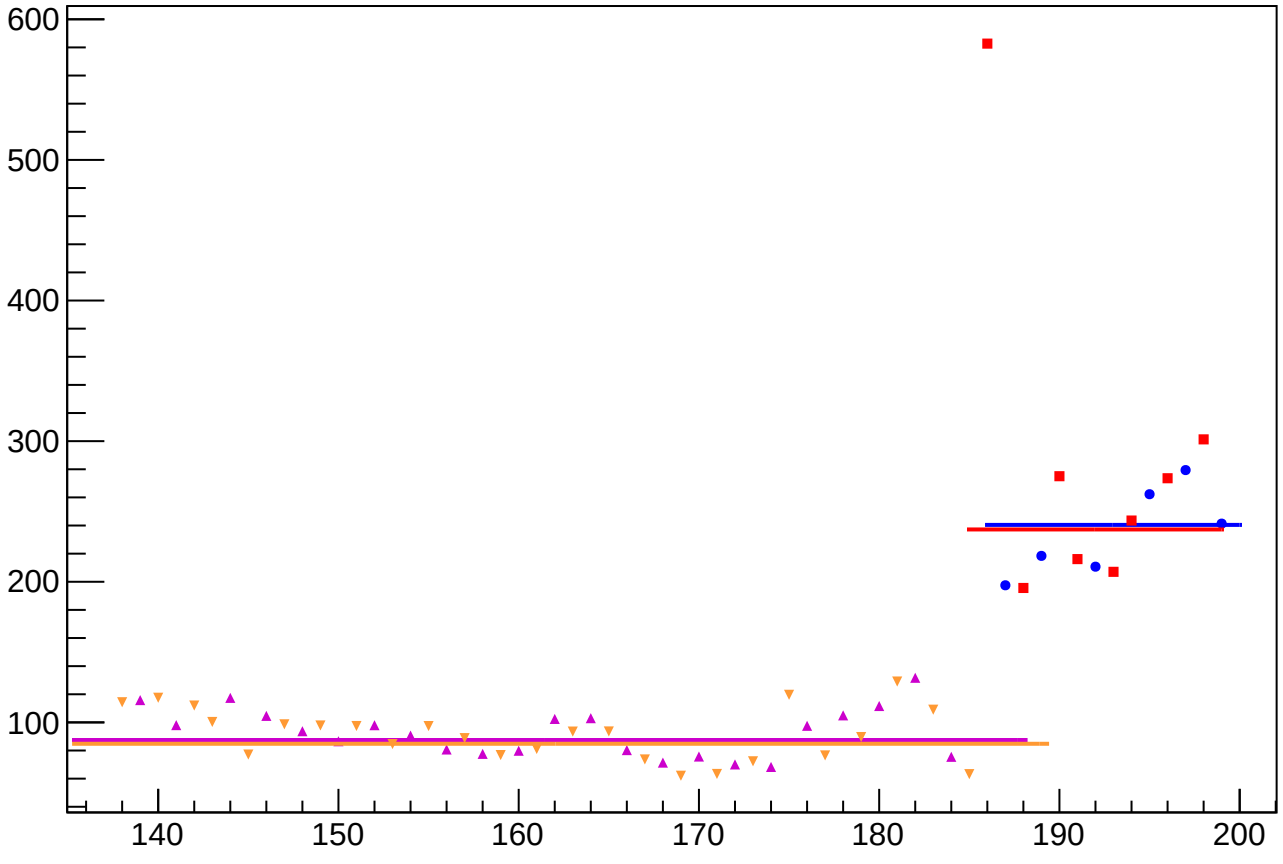
Right: -6.423+/-83.644 χ^2/NDF: 6.4/13

In: 69.020+/-21.180 χ^2/NDF:24.9/28

Out: 43.485+/-20.112 χ^2/NDF:36.4/32

All: 55.592+/-14.584 χ^2/NDF: 62.0/61

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 240.448+/-0.092 χ^2/NDF: 82007.9/5

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 237.205+/-0.077 χ^2/NDF: 491185.5/7

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

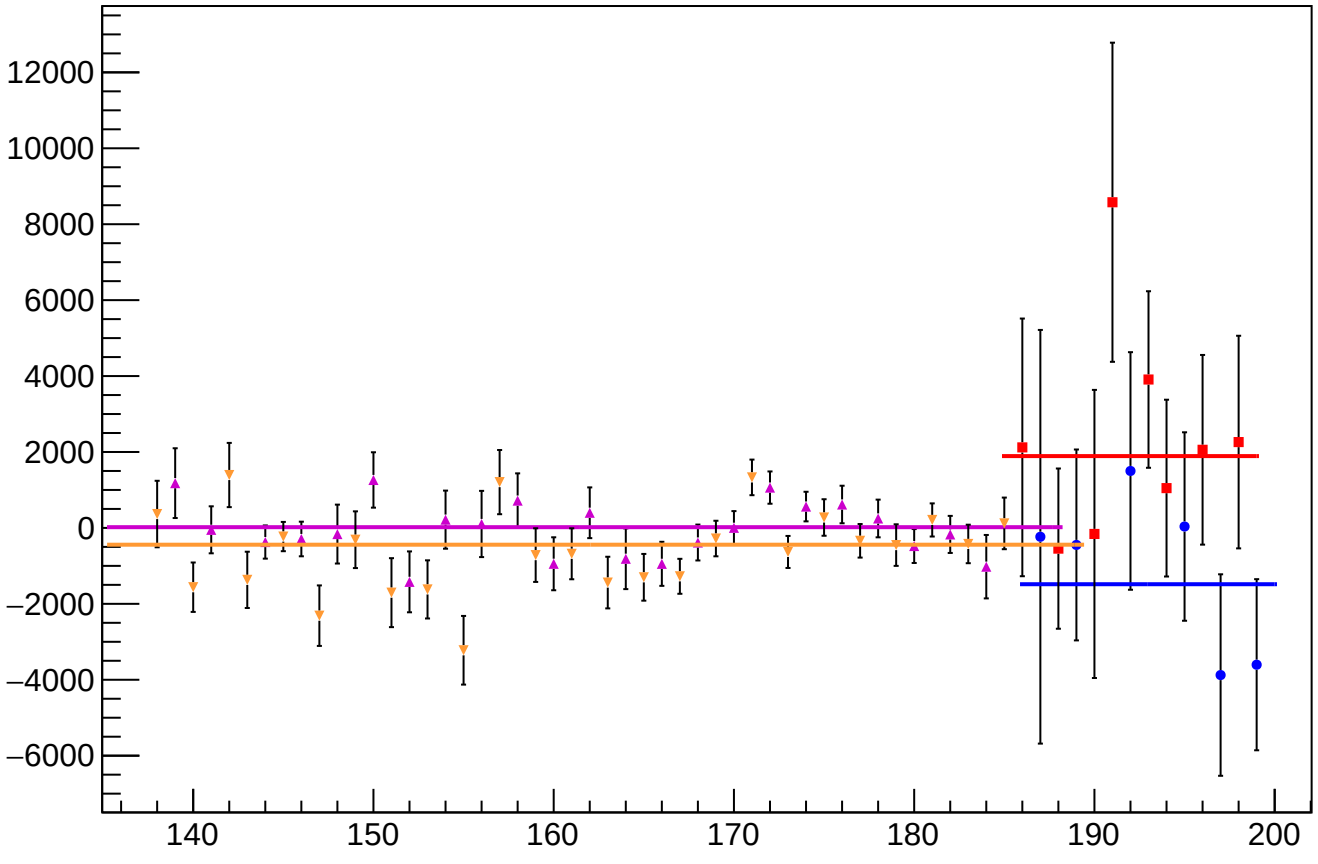
Right: 238.557+/-0.059 χ^2/NDF: 573924.2/13

In: 91.565+/-0.015 χ^2/NDF:3852145.3/28

Out: 89.931+/-0.014 χ^2/NDF:5616186.1/32

All: 90.706+/-0.010 χ^2/NDF: 9474591.1/61

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: -1483.303+/-1121.427 χ^2/NDF: 3.2/5

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 1891.753+/-955.885 χ^2/NDF: 5.1/7

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

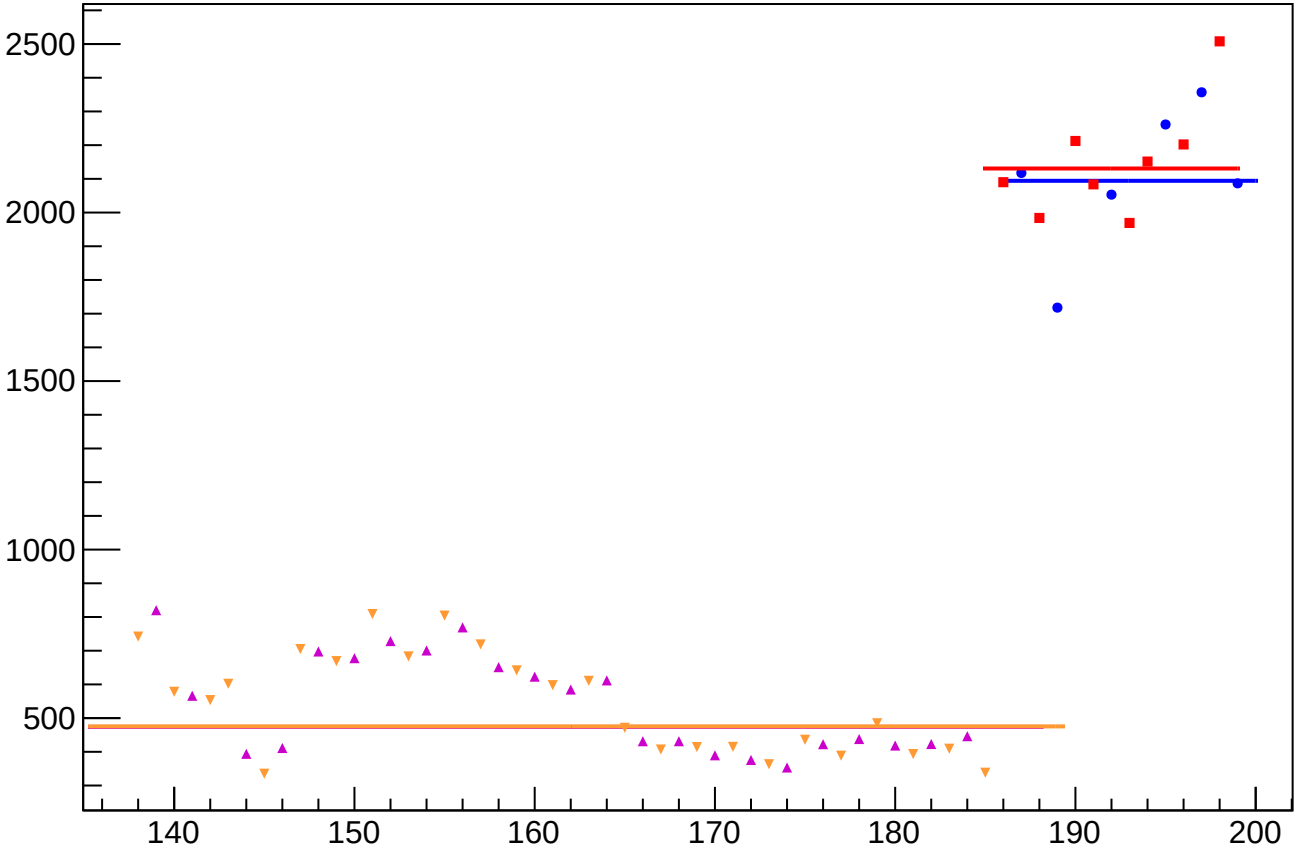
Right: 471.487+/-727.470 χ^2/NDF: 13.5/13

In: 3.191+/-116.192 χ^2/NDF:34.5/28

Out: -408.741+/-114.592 χ^2/NDF:71.9/32

All: -205.630+/-81.589 χ^2/NDF: 112.7/61

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 2094.202+/-0.793 χ^2/NDF: 73853.6/5

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2130.740+/-0.676 χ^2/NDF: 58872.2/7

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

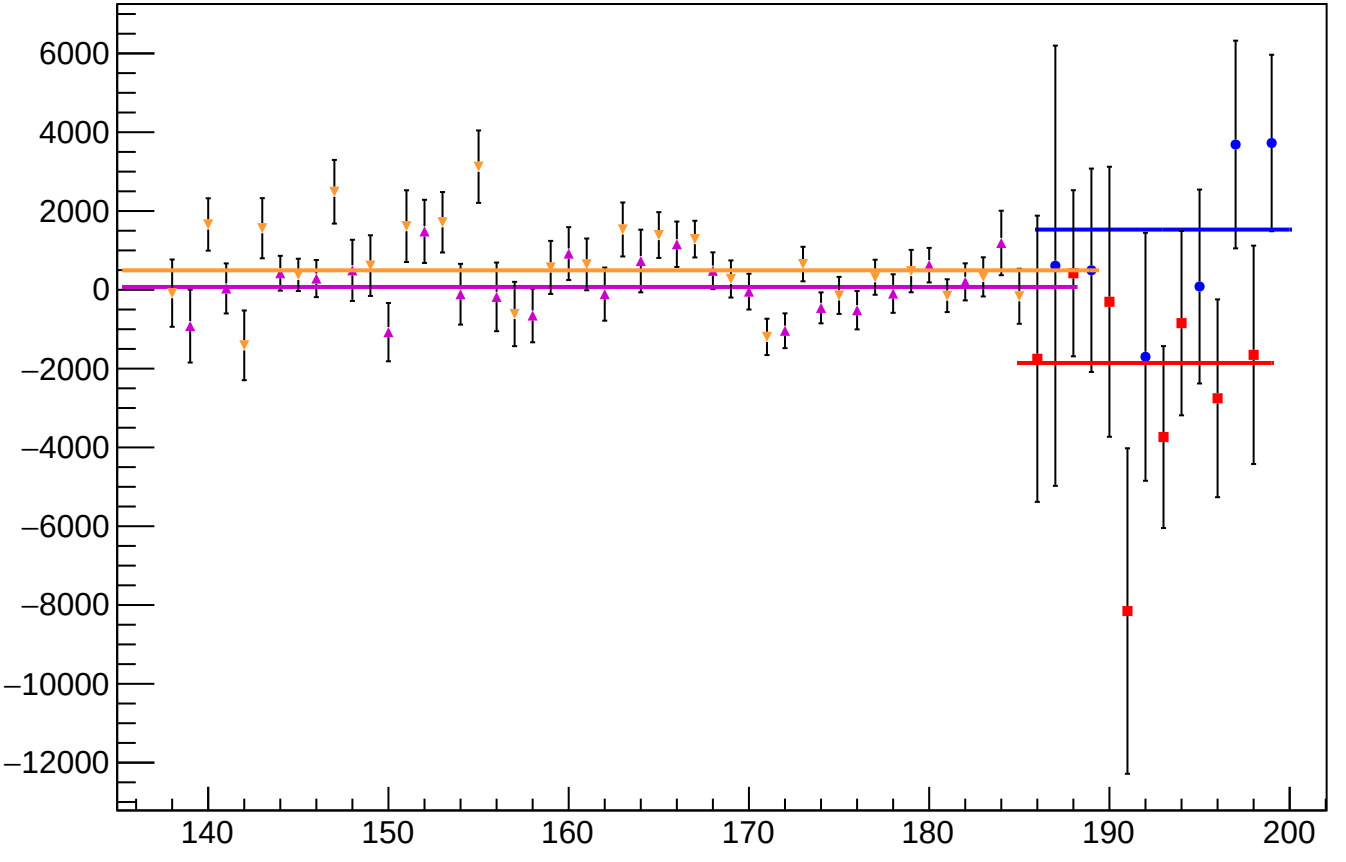
Right: 2115.364+/-0.514 χ^2/NDF: 133955.4/13

In: 491.340+/-0.082 χ^2/NDF:6378497.9/28

Out: 499.205+/-0.081 χ^2/NDF:8480085.2/32

All: 495.327+/-0.058 χ^2/NDF: 14863227.7/61

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 1528.726+/-1123.925 χ^2/NDF: 3.2/5

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1856.491+/-951.884 χ^2/NDF: 4.7/7

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

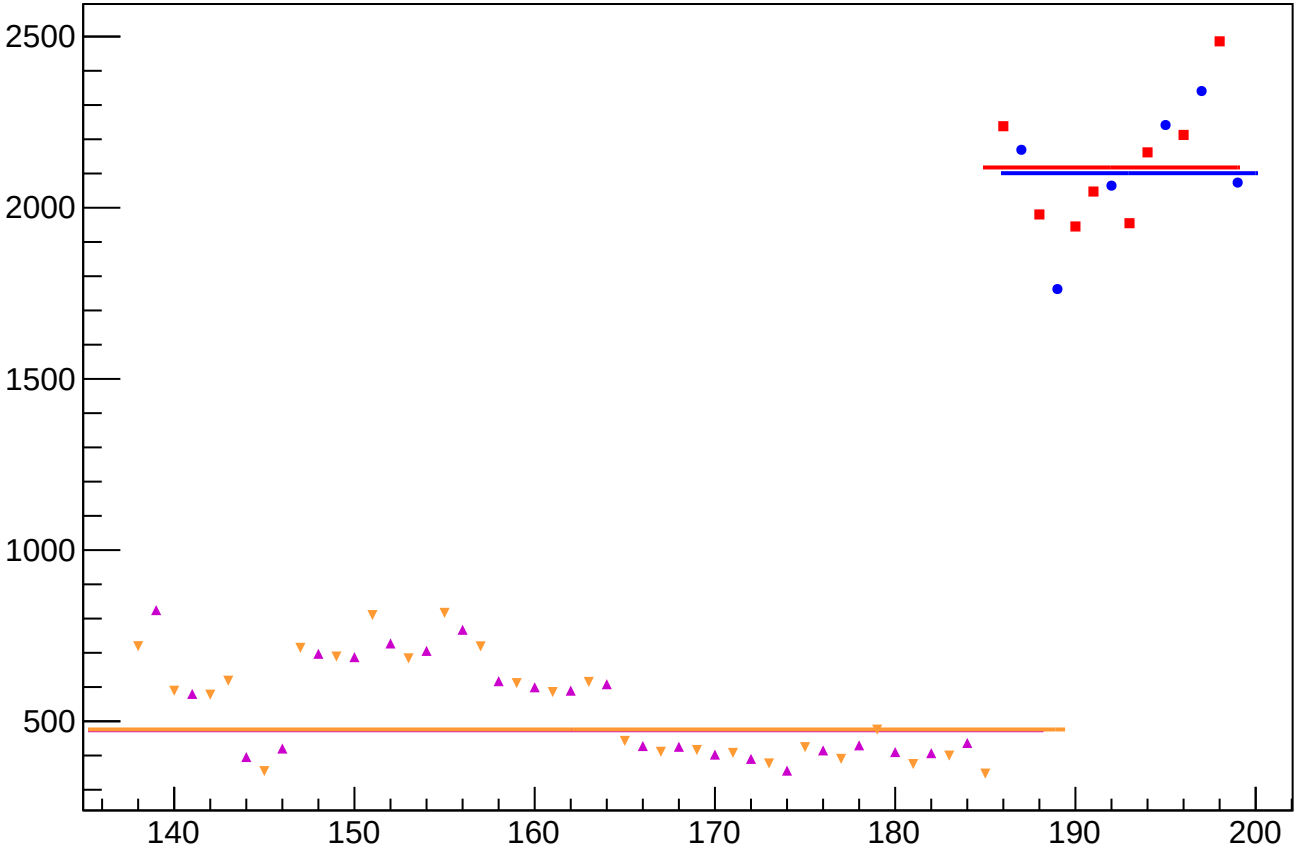
Right: -442.532+/-726.378 χ^2/NDF: 13.2/13

In: 88.218+/-116.300 χ^2/NDF:33.9/28

Out: 461.124+/-114.680 χ^2/NDF:67.9/32

All: 277.286+/-81.658 χ^2/NDF: 107.0/61

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 2100.937+/-0.795 χ^2/NDF: 58366.0/5

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2117.650+/-0.673 χ^2/NDF: 65176.0/7

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

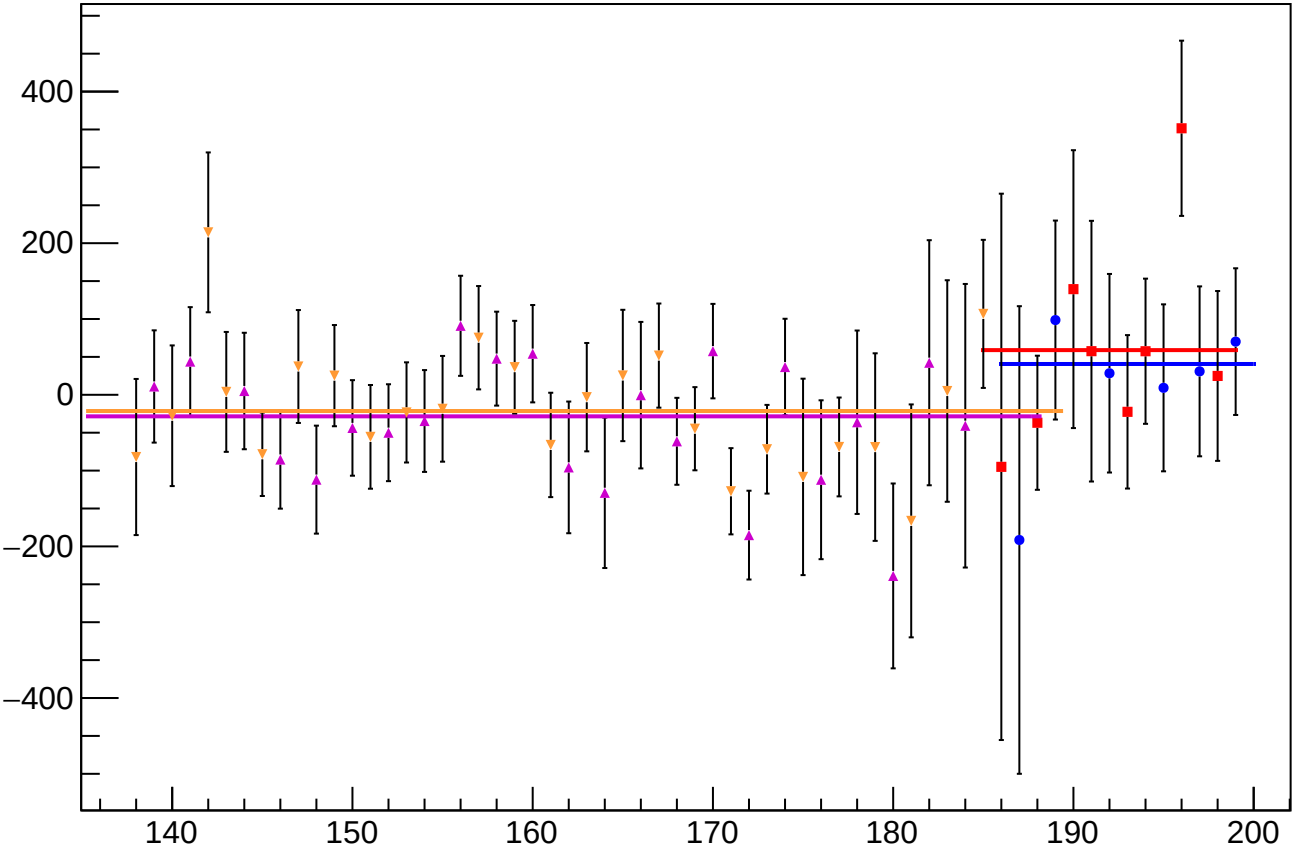
Right: 2110.669+/-0.514 χ^2/NDF: 123799.6/13

In: 491.246+/-0.082 χ^2/NDF:6318943.6/28

Out: 499.884+/-0.081 χ^2/NDF:8388974.4/32

All: 495.625+/-0.058 χ^2/NDF: 14713512.2/61

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 40.638+/-50.269 χ^2/NDF: 1.0/5

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: 58.942+/-42.247 χ^2/NDF: 8.7/7

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

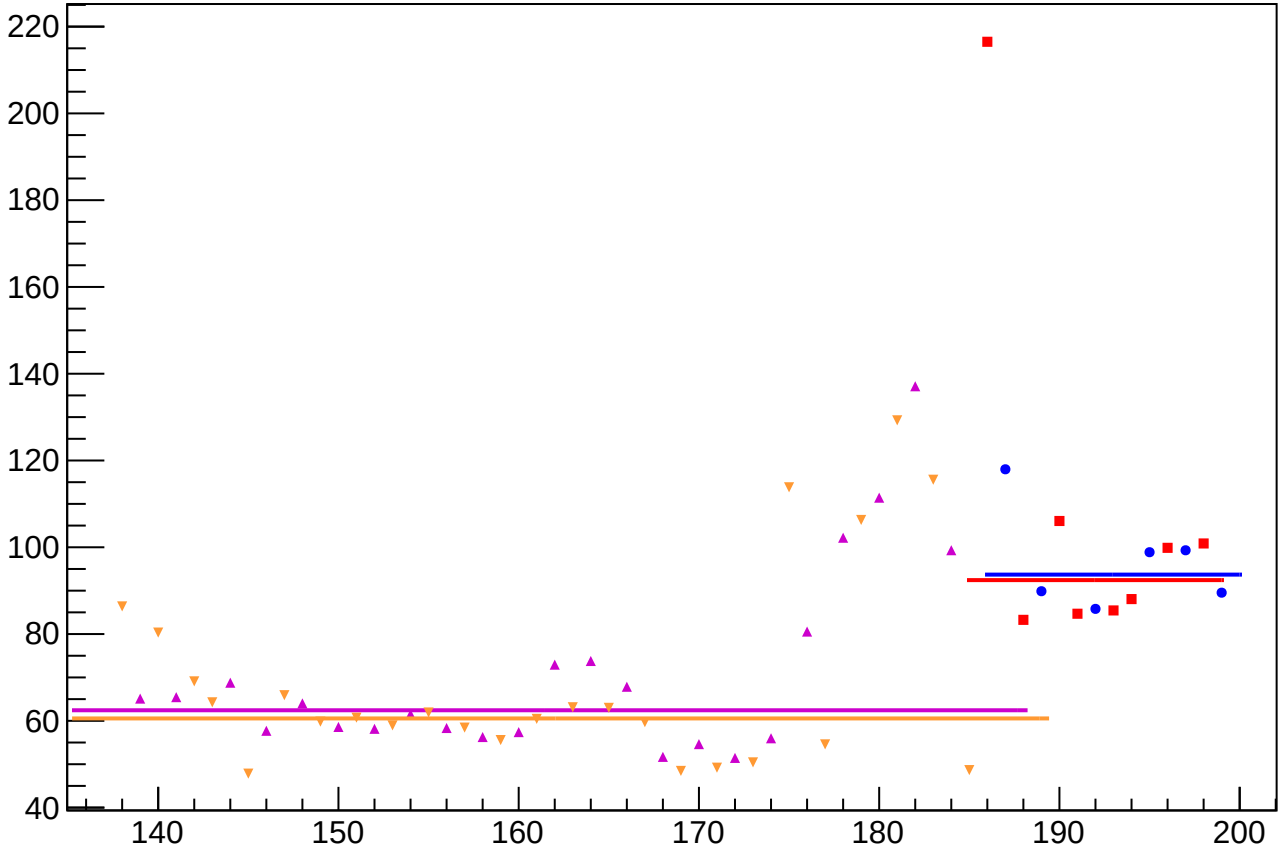
Right: 51.365+/-32.342 χ^2/NDF: 9.7/13

In: -22.442+/-14.806 χ^2/NDF:28.9/28

Out: -12.616+/-13.967 χ^2/NDF:32.8/32

All: -17.243+/-10.160 χ^2/NDF: 61.9/61

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 93.699+/-0.036 χ^2/NDF: 34470.0/5

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 92.431+/-0.030 χ^2/NDF: 307016.3/7

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

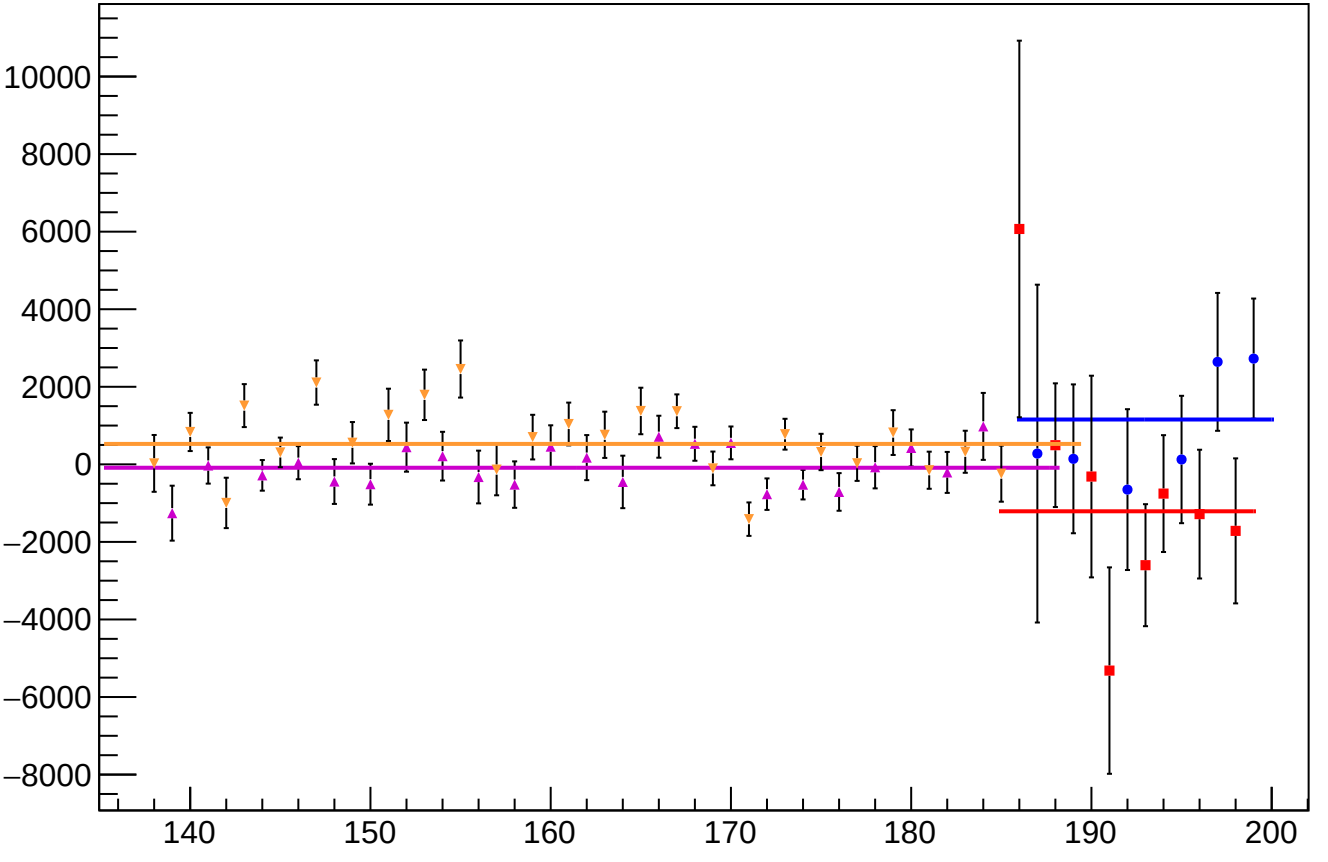
Right: 92.956+/-0.023 χ^2/NDF: 342232.3/13

In: 65.147+/-0.010 χ^2/NDF:2186748.3/28

Out: 64.035+/-0.010 χ^2/NDF:3273080.7/32

All: 64.559+/-0.007 χ^2/NDF: 5465792.9/61

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 1156.159+/-776.030 χ^2/NDF: 3.2/5

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -1210.668+/-671.443 χ^2/NDF: 6.8/7

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

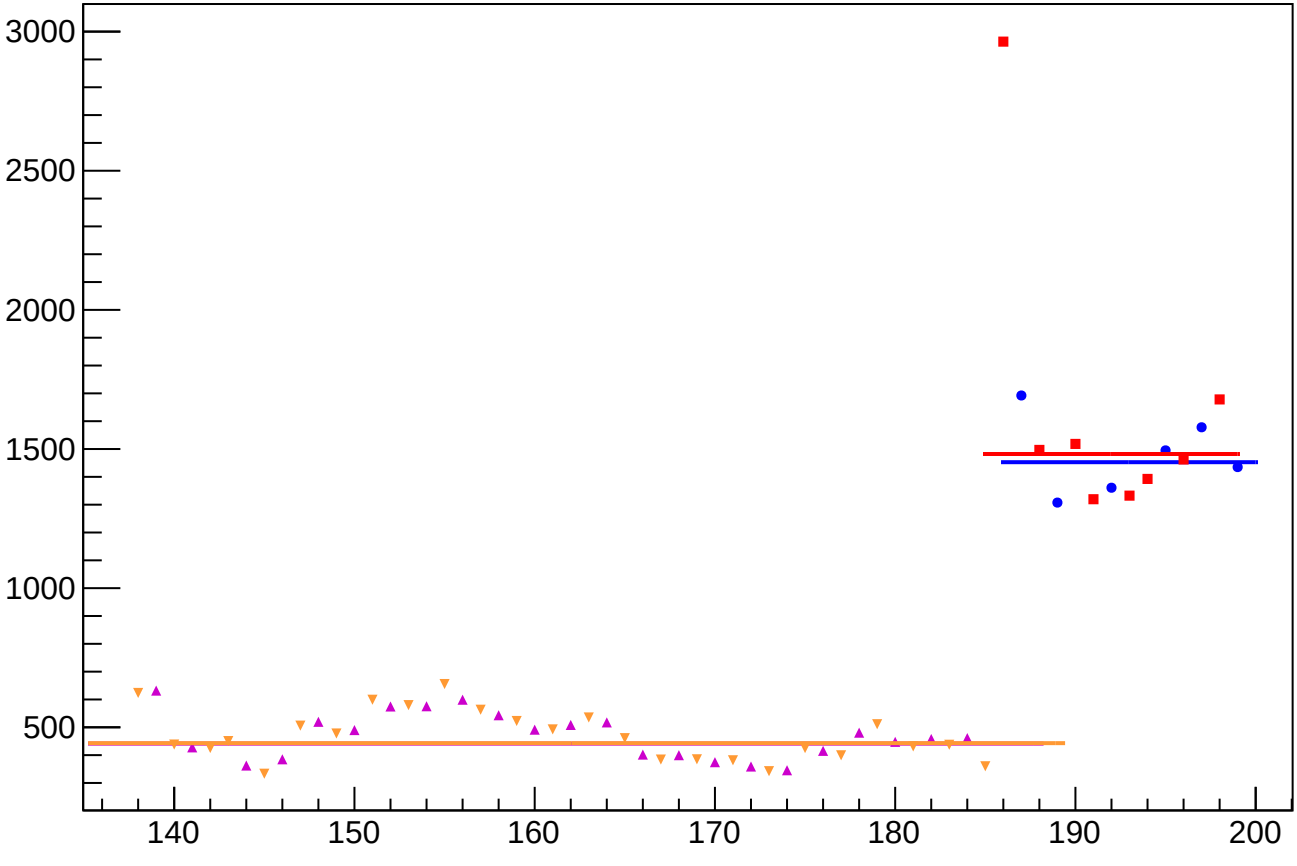
Right: -197.382+/-507.763 χ^2/NDF: 15.4/13

In: -64.845+/-105.844 χ^2/NDF:27.9/28

Out: 484.913+/-104.139 χ^2/NDF:78.4/32

All: 214.499+/-74.233 χ^2/NDF: 119.9/61

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1452.672+/-0.549 χ^2/NDF: 32967.0/5

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1482.120+/-0.475 χ^2/NDF: 241750.5/7

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

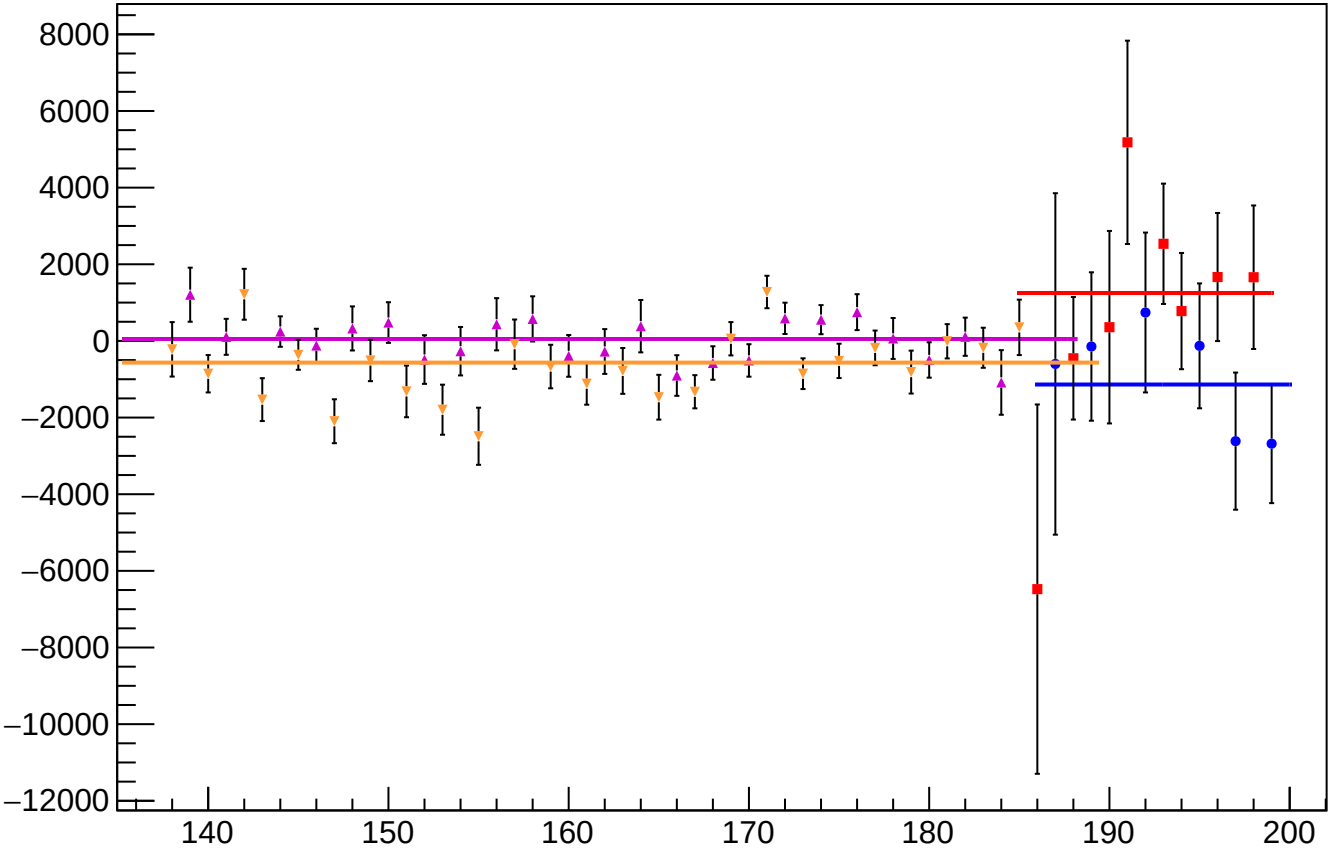
Right: 1469.512+/-0.359 χ^2/NDF: 276364.5/13

In: 460.172+/-0.075 χ^2/NDF:4402217.5/28

Out: 468.027+/-0.074 χ^2/NDF:6087993.1/32

All: 464.163+/-0.052 χ^2/NDF: 10495806.9/61

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -1137.421+/-778.112 χ^2/NDF: 3.1/5

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 1250.902+/-671.445 χ^2/NDF: 6.9/7

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

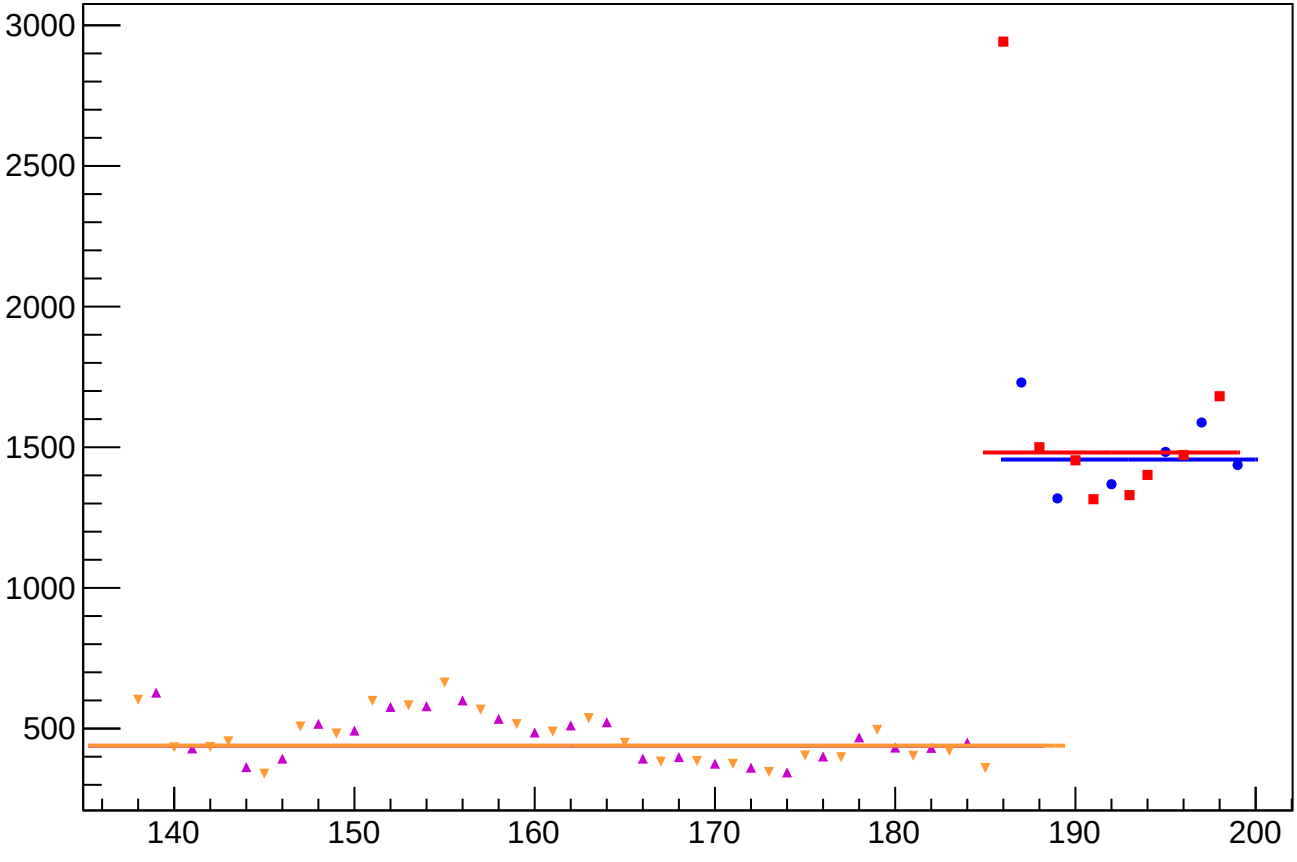
Right: 231.540+/-508.346 χ^2/NDF: 15.4/13

In: 28.658+/-105.242 χ^2/NDF:28.7/28

Out: -522.619+/-103.219 χ^2/NDF:77.0/32

All: -252.330+/-73.692 χ^2/NDF: 119.7/61

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1456.368+/-0.550 χ^2/NDF: 32969.2/5

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1481.435+/-0.475 χ^2/NDF: 239150.1/7

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

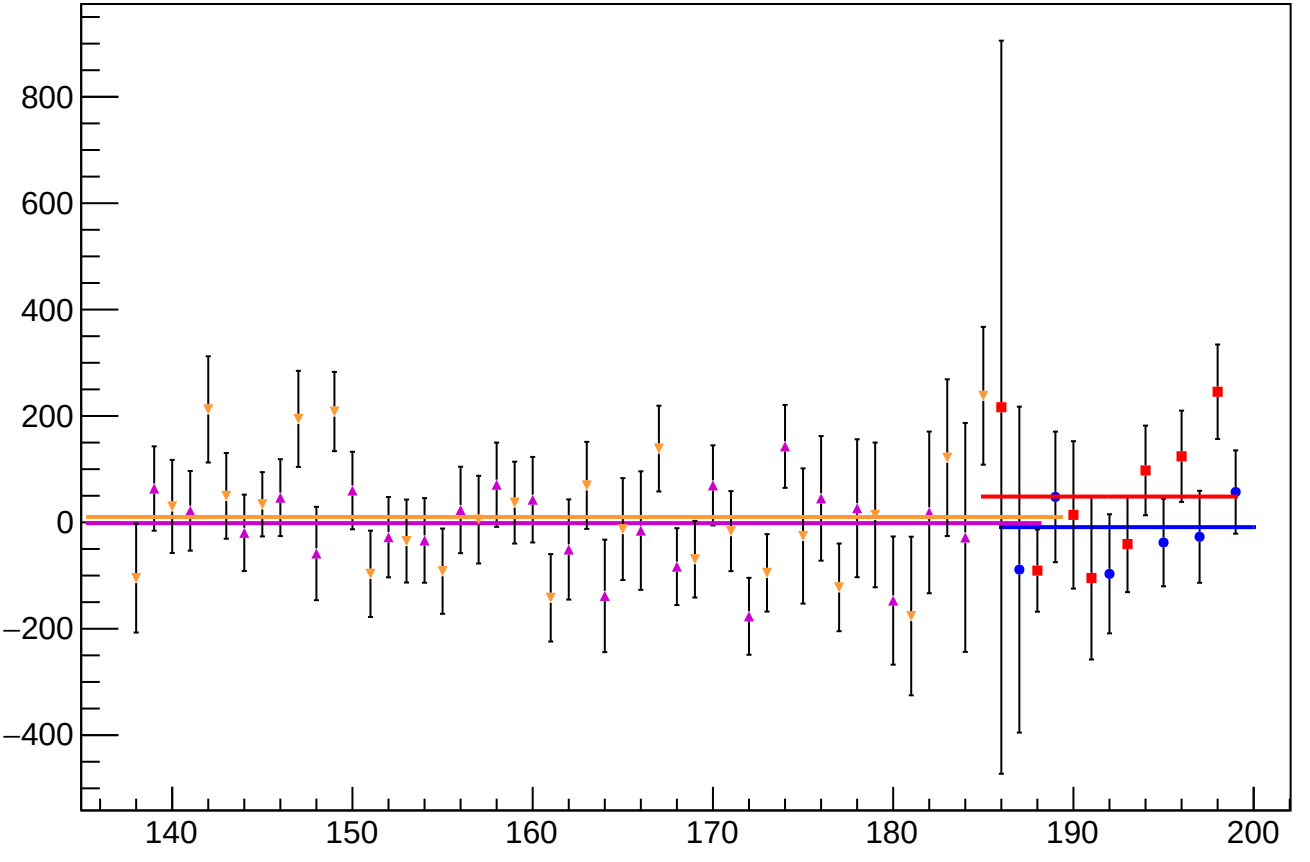
Right: 1470.736+/-0.359 χ^2/NDF: 273309.0/13

In: 456.987+/-0.074 χ^2/NDF:4418304.2/28

Out: 463.941+/-0.073 χ^2/NDF:6107091.4/32

All: 460.532+/-0.052 χ^2/NDF: 10529846.1/61

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -8.966+/-40.788 χ^2/NDF: 1.8/5

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: 48.502+/-35.579 χ^2/NDF: 11.4/7

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

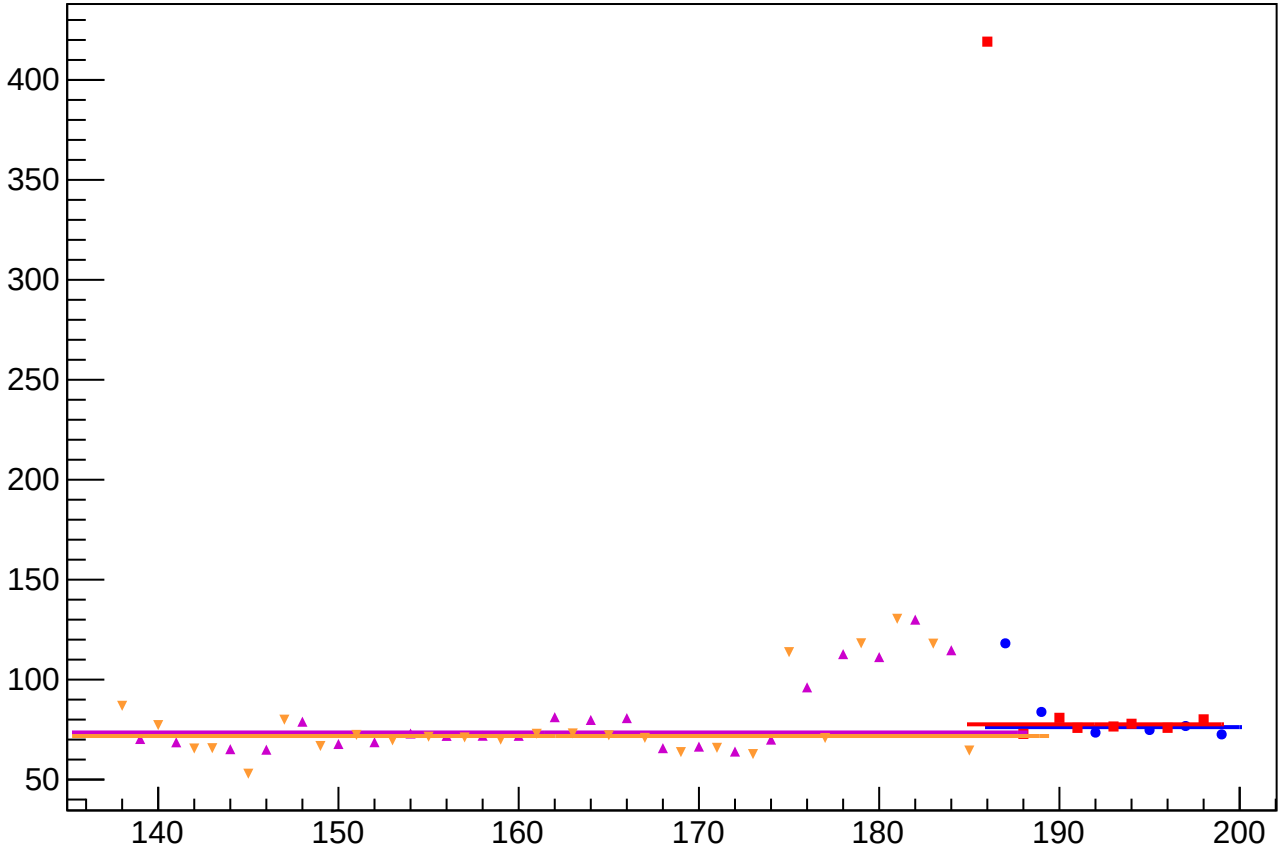
Right: 23.669+/-26.812 χ^2/NDF: 14.3/13

In: -2.653+/-16.411 χ^2/NDF:20.8/28

Out: 17.361+/-15.491 χ^2/NDF:51.0/32

All: 7.931+/-11.265 χ^2/NDF: 72.7/61

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 76.231+/-0.029 χ^2/NDF: 51349.1/5

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.630+/-0.025 χ^2/NDF: 503009.1/7

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

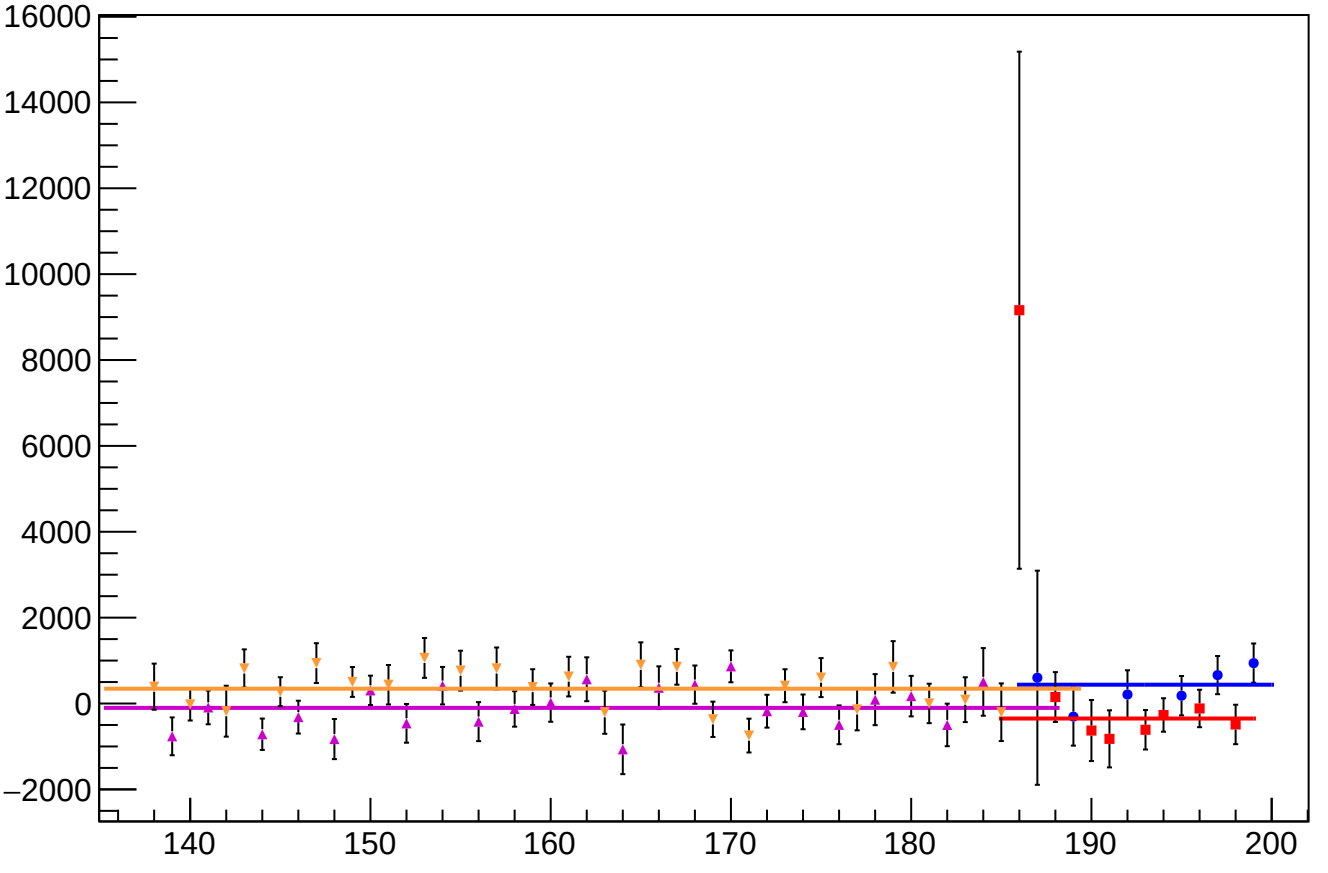
Right: 77.026+/-0.019 χ^2/NDF: 555694.0/13

In: 73.991+/-0.012 χ^2/NDF:1067901.3/28

Out: 72.893+/-0.011 χ^2/NDF:1872483.9/32

All: 73.410+/-0.008 χ^2/NDF: 2945121.2/61

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 438.091+/-223.168 χ^2/NDF: 3.2/5

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -349.510+/-187.118 χ^2/NDF: 4.6/7

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

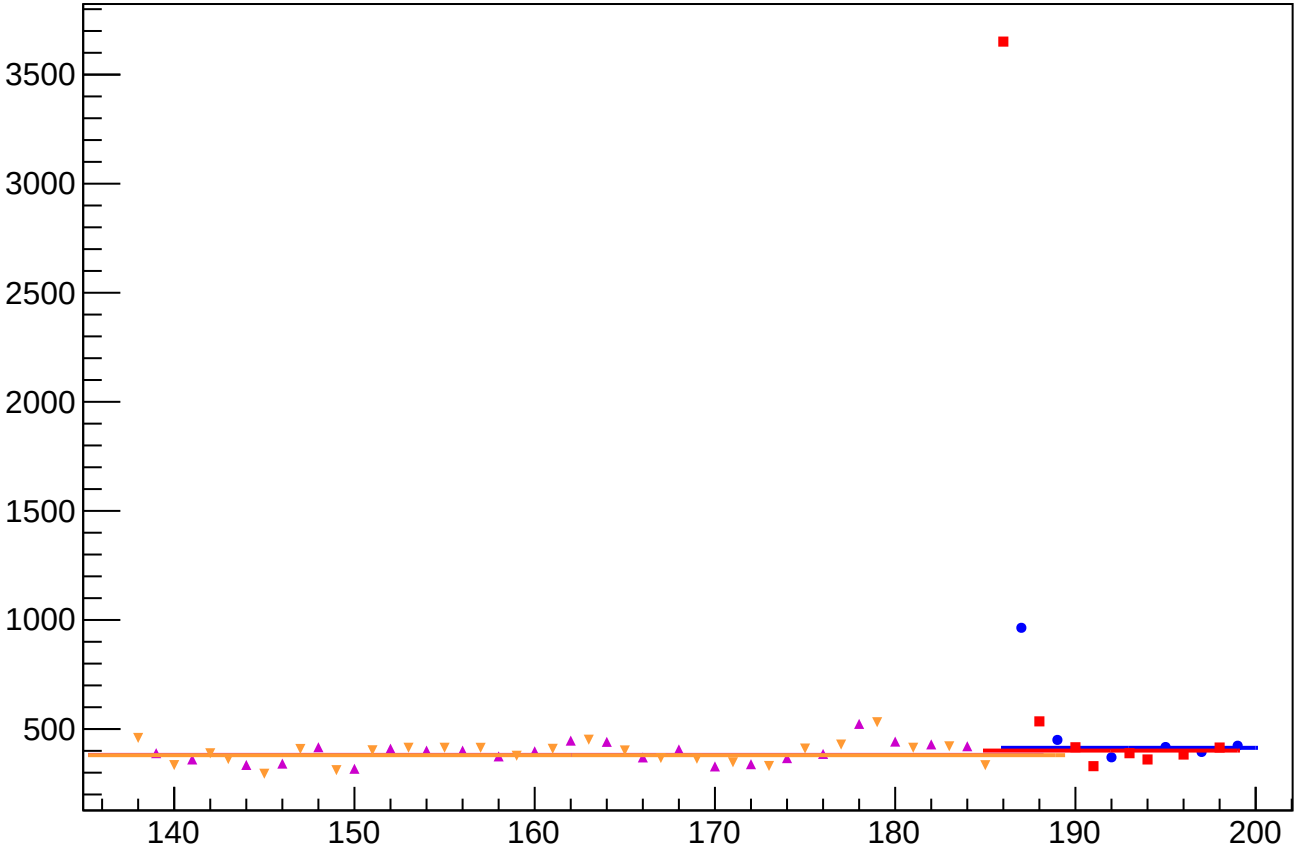
Right: -24.382+/-143.385 χ^2/NDF: 15.1/13

In: -23.726+/-84.795 χ^2/NDF:36.2/28

Out: 215.146+/-81.001 χ^2/NDF:43.2/32

All: 101.173+/-58.572 χ^2/NDF: 83.6/61

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 413.879+/-0.158 χ^2/NDF: 119782.8/5

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 401.305+/-0.132 χ^2/NDF: 741834.1/7

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

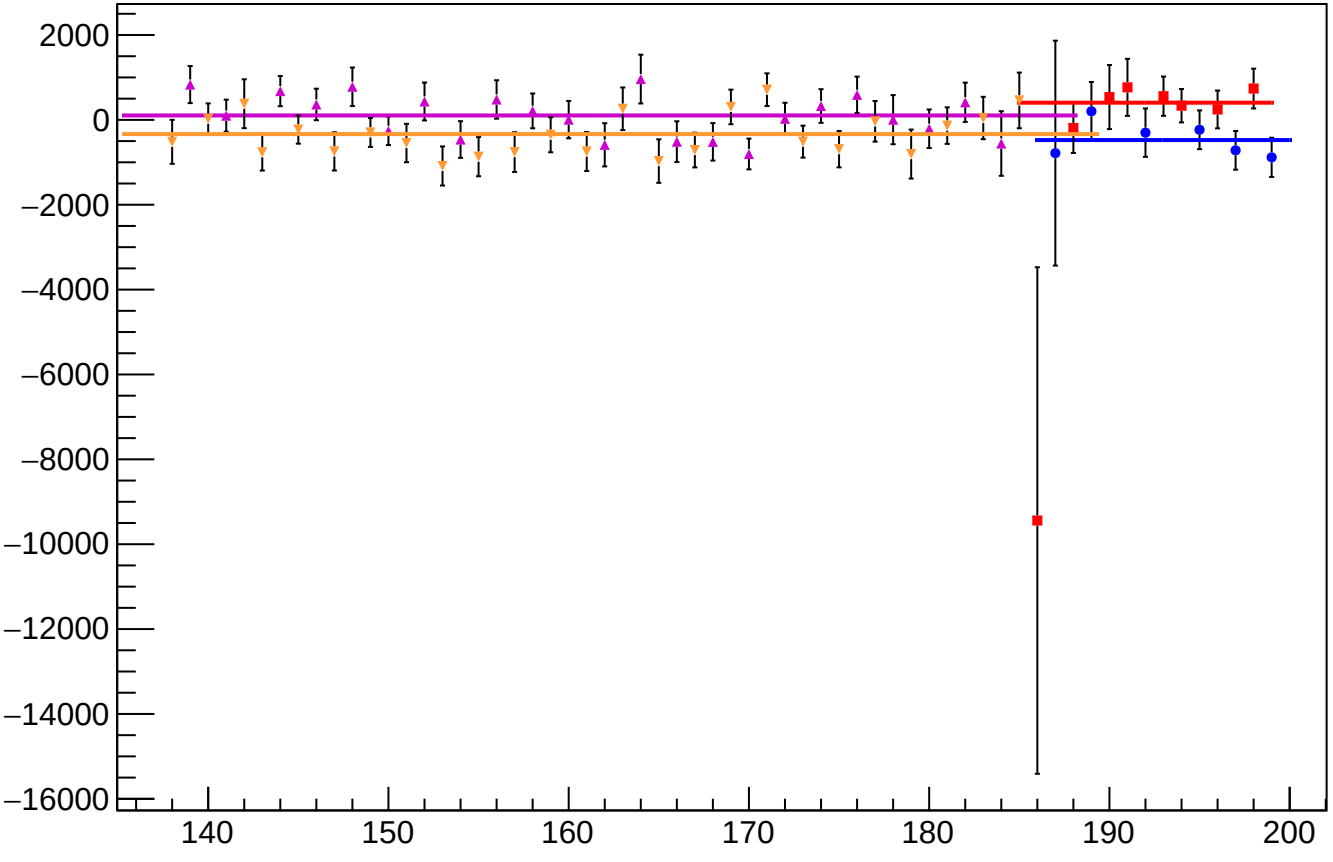
Right: 406.495+/-0.101 χ^2/NDF: 865345.0/13

In: 386.152+/-0.060 χ^2/NDF:616884.5/28

Out: 384.160+/-0.057 χ^2/NDF:1379117.3/32

All: 385.111+/-0.041 χ^2/NDF: 1996579.1/61

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -475.894+/-225.839 χ^2/NDF: 2.4/5

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 405.097+/-190.295 χ^2/NDF: 4.8/7

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

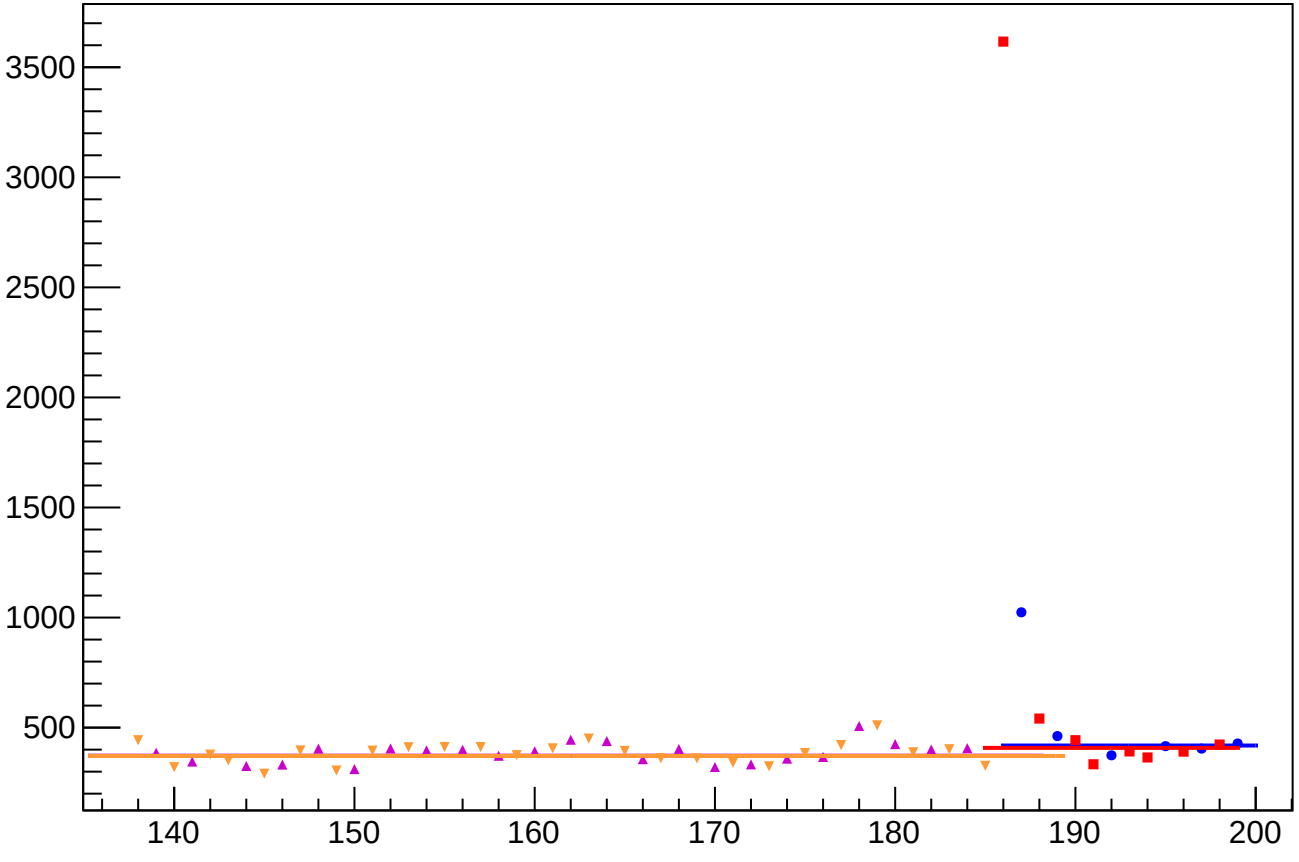
Right: 39.305+/-145.522 χ^2/NDF: 16.2/13

In: 25.216+/-83.295 χ^2/NDF:37.8/28

Out: -205.530+/-79.653 χ^2/NDF:45.6/32

All: -95.312+/-57.568 χ^2/NDF: 87.4/61

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 418.683+/-0.160 χ^2/NDF: 126902.4/5

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 407.964+/-0.135 χ^2/NDF: 741313.4/7

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

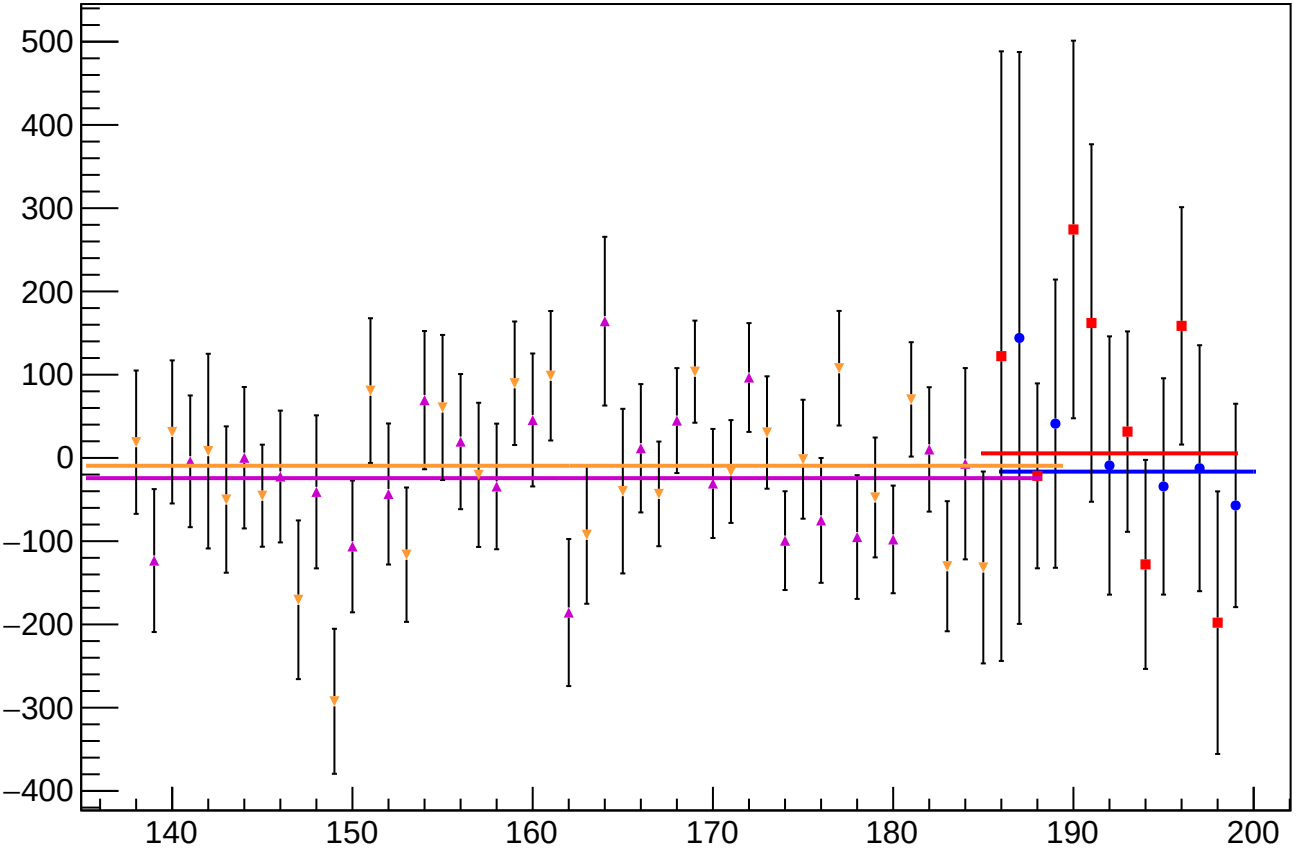
Right: 412.415+/-0.103 χ^2/NDF: 870850.5/13

In: 378.846+/-0.059 χ^2/NDF:663326.9/28

Out: 377.786+/-0.056 χ^2/NDF:1406420.7/32

All: 378.293+/-0.041 χ^2/NDF: 2069916.9/61

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -16.447+/-62.564 χ^2/NDF: 0.5/5

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 5.493+/-53.336 χ^2/NDF: 6.1/7

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

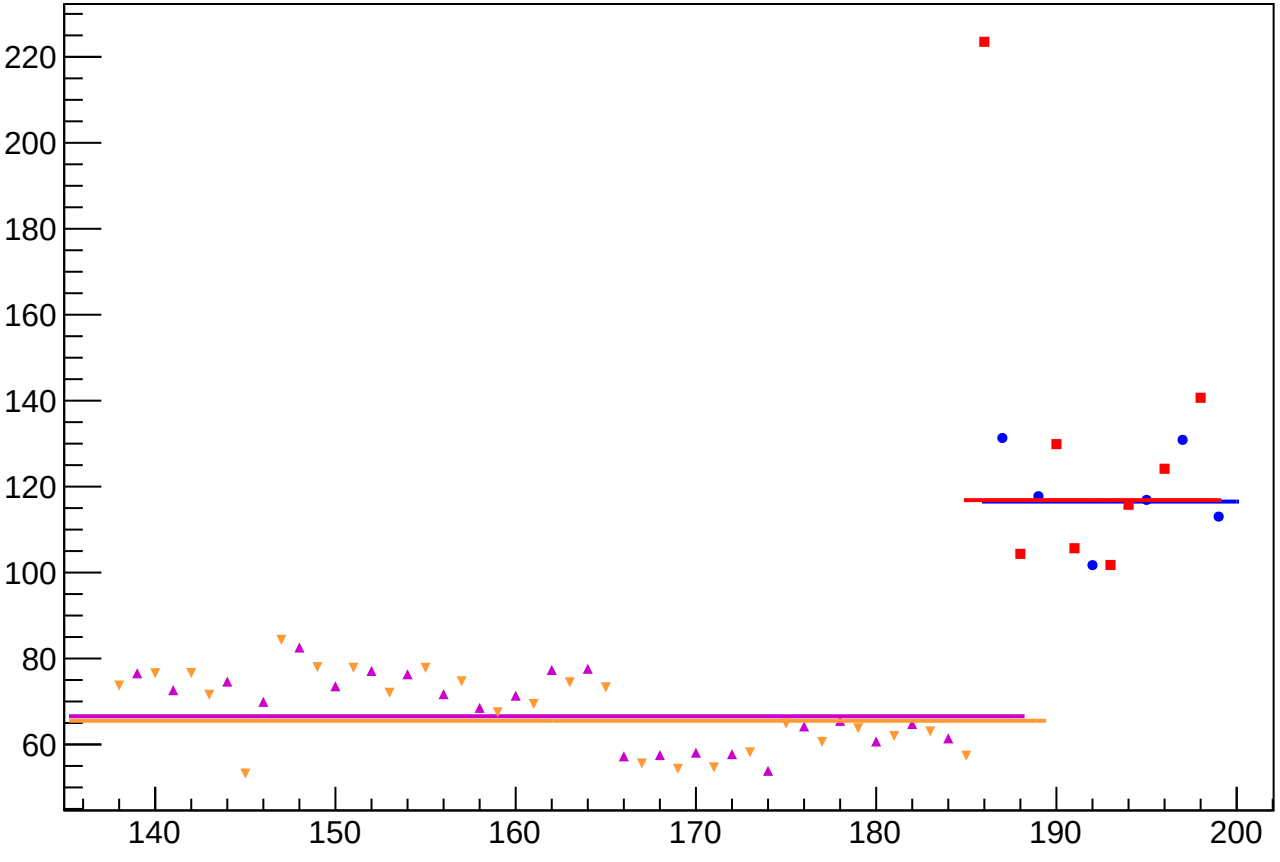
Right: -3.741+/-40.589 χ^2/NDF: 6.6/13

In: -23.810+/-15.532 χ^2/NDF:21.6/28

Out: -8.242+/-14.859 χ^2/NDF:40.9/32

All: -15.681+/-10.737 χ^2/NDF: 63.0/61

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 116.518+/-0.044 χ^2/NDF: 42563.4/5

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 116.855+/-0.038 χ^2/NDF: 289554.0/7

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

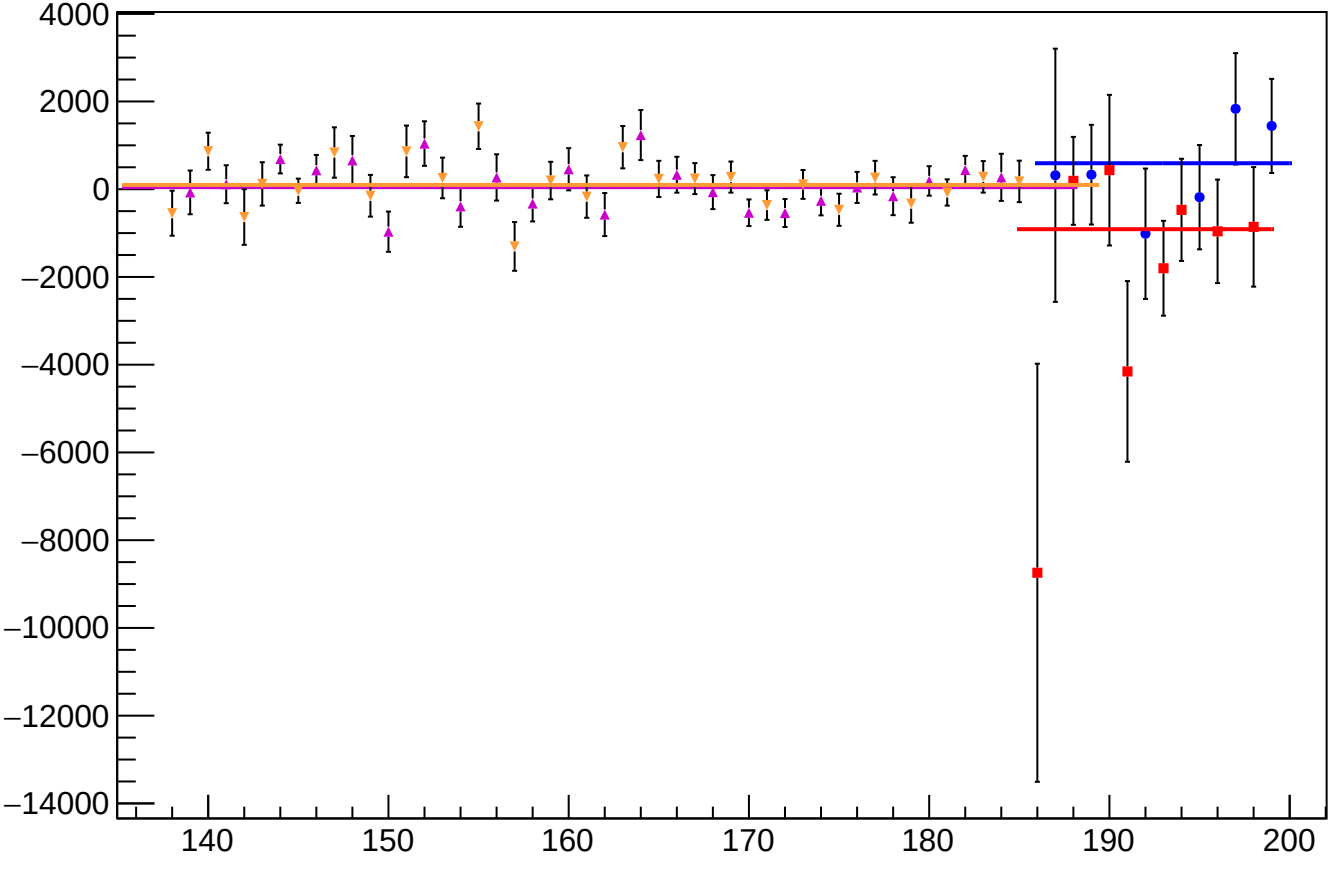
Right: 116.713+/-0.029 χ^2/NDF: 332150.9/13

In: 69.642+/-0.011 χ^2/NDF:1760351.3/28

Out: 69.496+/-0.011 χ^2/NDF:2666031.6/32

All: 69.566+/-0.008 χ^2/NDF: 4426474.9/61

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 591.763+/-531.152 χ^2/NDF: 3.2/5

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -911.231+/-473.224 χ^2/NDF: 7.8/7

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

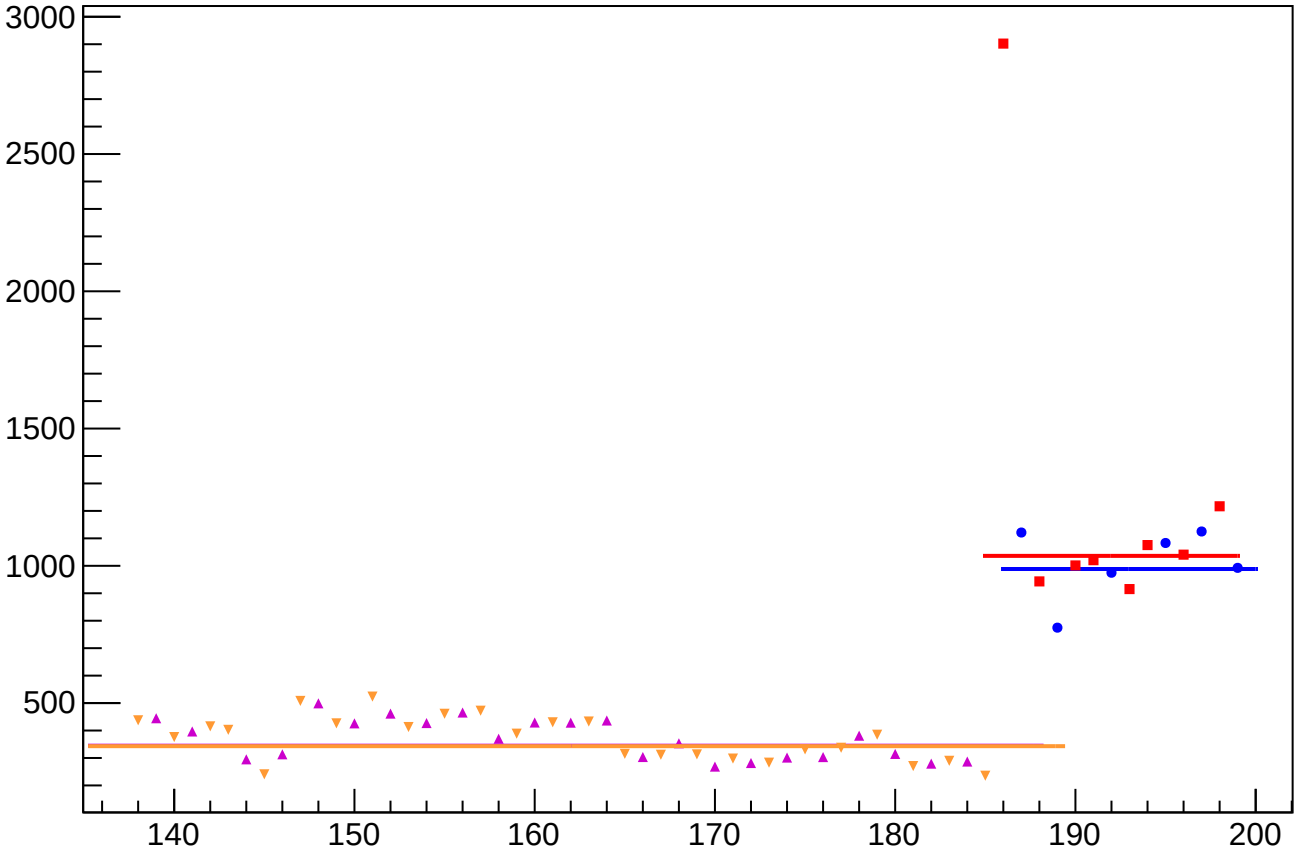
Right: -246.133+/-353.332 χ^2/NDF: 15.5/13

In: 59.916+/-82.831 χ^2/NDF:38.5/28

Out: 67.851+/-81.024 χ^2/NDF:45.5/32

All: 63.971+/-57.921 χ^2/NDF: 84.0/61

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 988.387+/-0.376 χ^2/NDF: 111040.3/5

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1036.223+/-0.335 χ^2/NDF: 387404.9/7

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

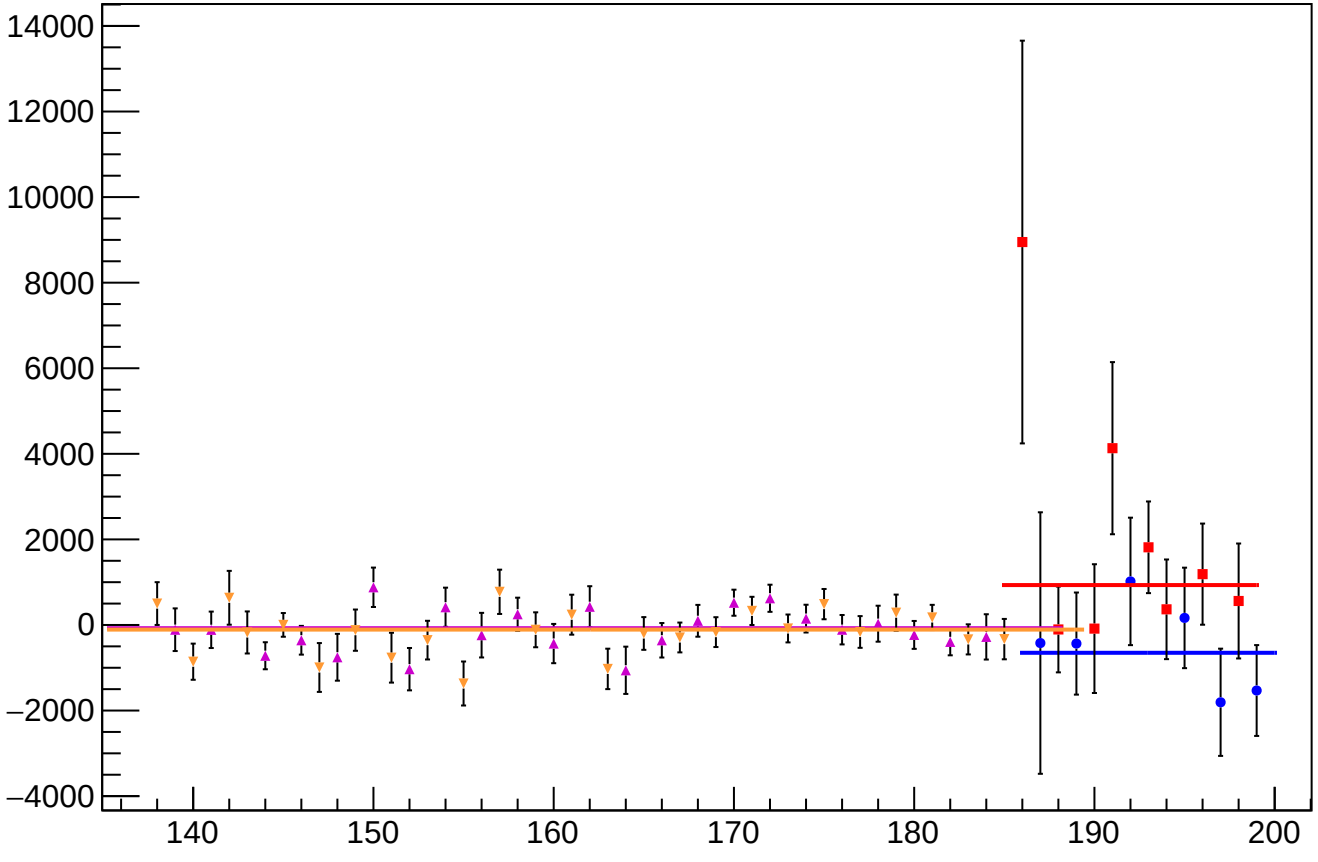
Right: 1015.055+/-0.250 χ^2/NDF: 507488.8/13

In: 360.469+/-0.059 χ^2/NDF:4240350.8/28

Out: 363.317+/-0.057 χ^2/NDF:6218598.7/32

All: 361.925+/-0.041 χ^2/NDF: 10460157.7/61

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -650.106+/-533.783 χ^2/NDF: 3.3/5

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 932.630+/-465.922 χ^2/NDF: 8.0/7

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

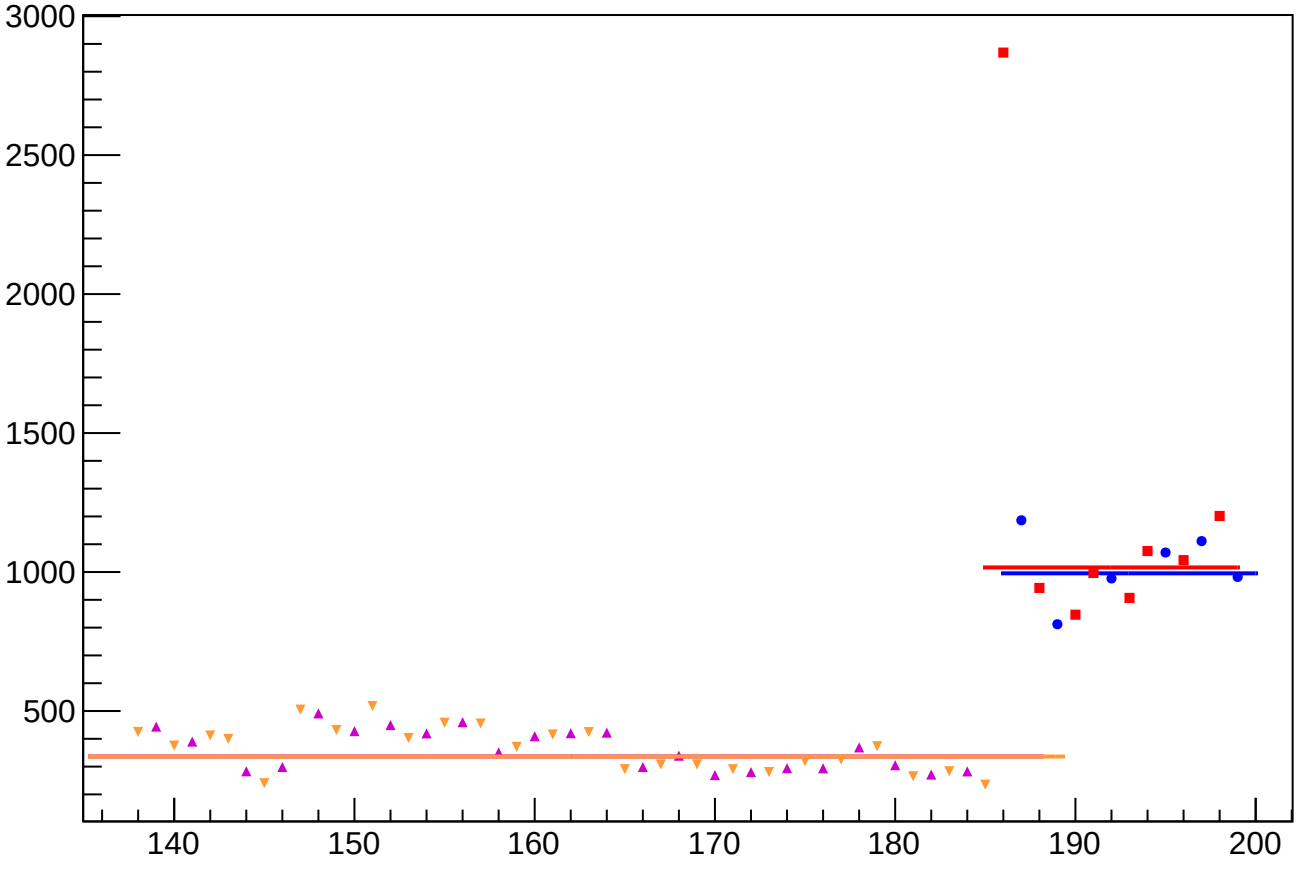
Right: 248.208+/-351.013 χ^2/NDF: 16.3/13

In: -88.229+/-81.000 χ^2/NDF:37.1/28

Out: -77.814+/-79.401 χ^2/NDF:43.7/32

All: -82.918+/-56.702 χ^2/NDF: 80.8/61

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 995.312+/-0.377 χ^2/NDF: 80788.7/5

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 1016.498+/-0.329 χ^2/NDF: 411412.0/7

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

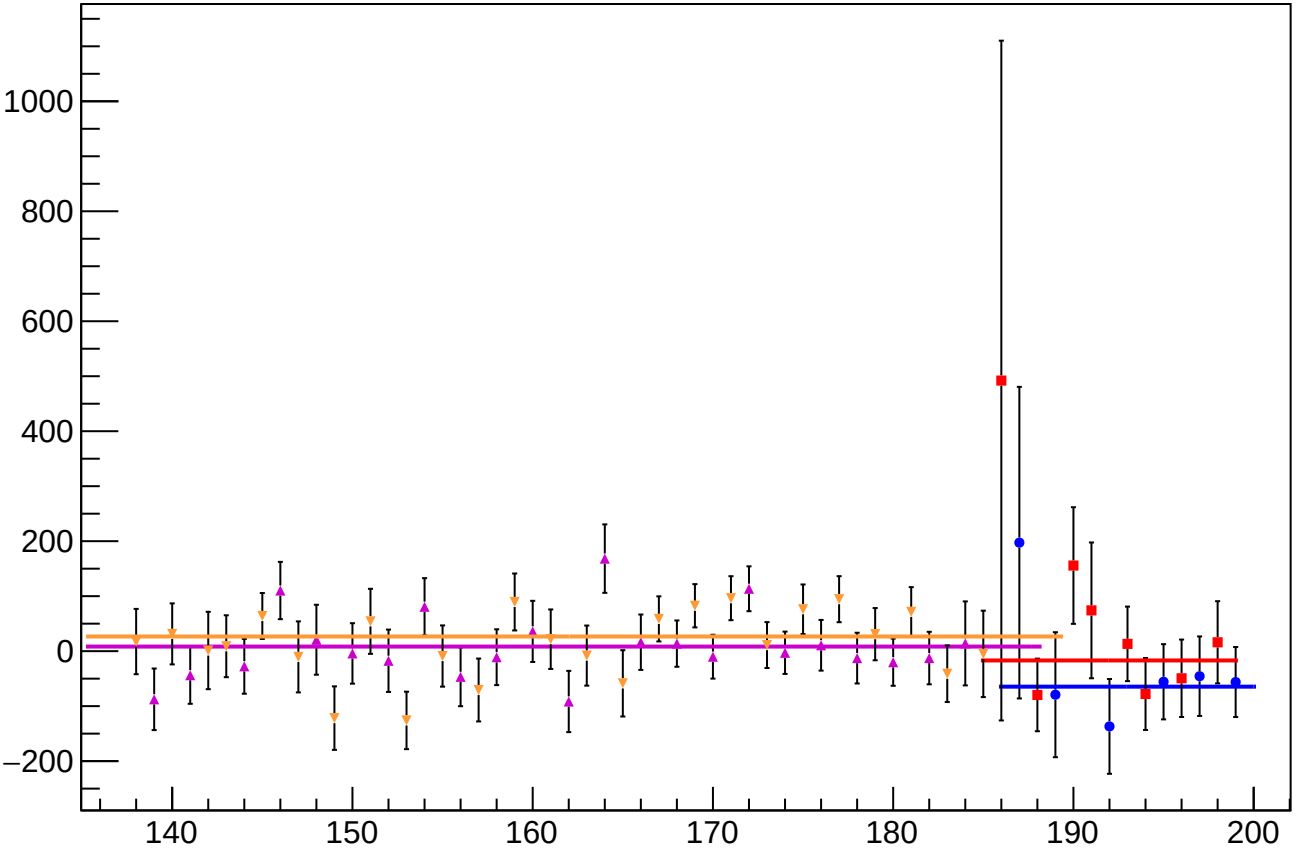
Right: 1007.336+/-0.248 χ^2/NDF: 493988.9/13

In: 351.569+/-0.057 χ^2/NDF:4327810.9/28

Out: 355.987+/-0.056 χ^2/NDF:6210751.6/32

All: 353.822+/-0.040 χ^2/NDF: 10541597.1/61

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -64.573+/-33.781 χ^2/NDF: 1.7/5

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: -16.937+/-28.649 χ^2/NDF: 6.2/7

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

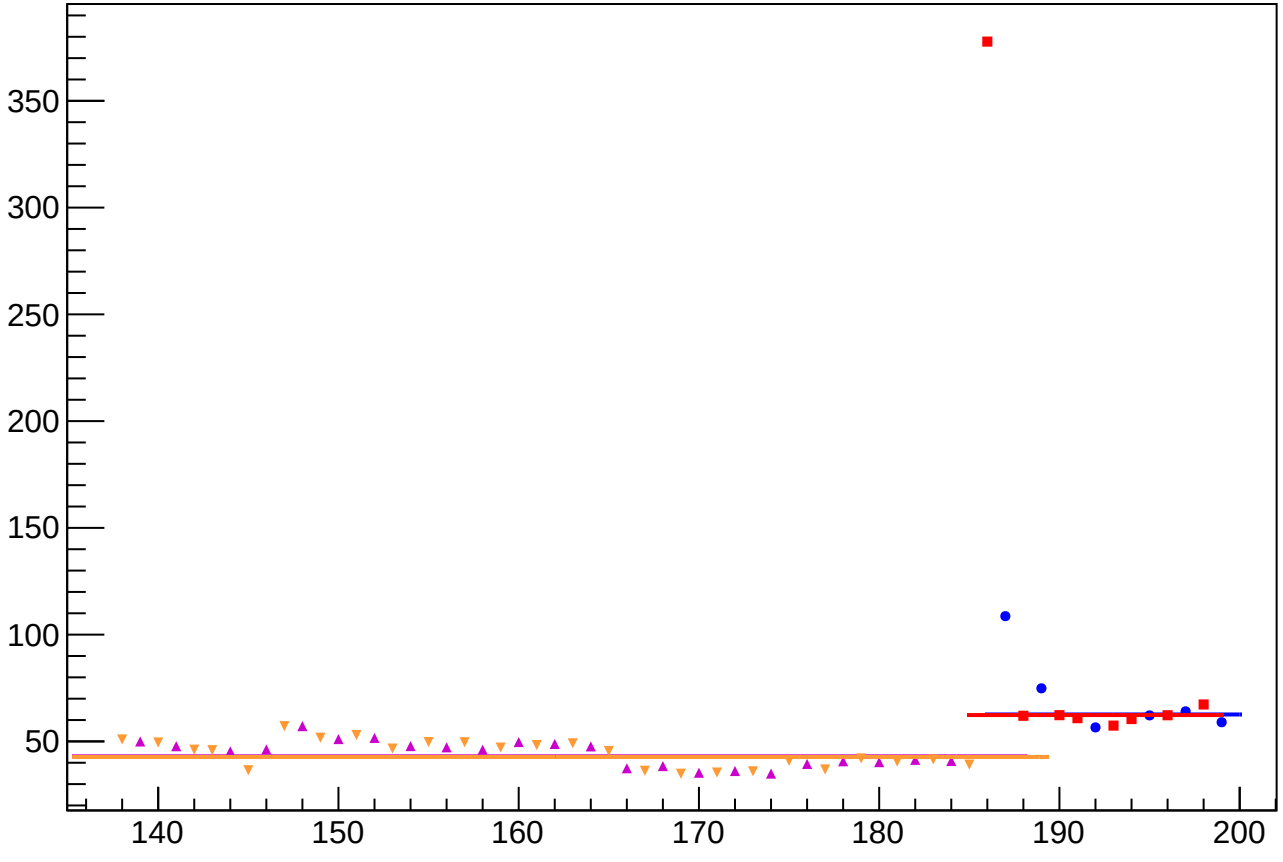
Right: -36.866+/-21.849 χ^2/NDF: 9.1/13

In: 2.057+/-9.905 χ^2/NDF:35.5/28

Out: 21.824+/-9.517 χ^2/NDF:44.8/32

All: 12.336+/-6.863 χ^2/NDF: 82.4/61

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 62.607+/-0.024 χ^2/NDF: 93340.0/5

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 62.340+/-0.020 χ^2/NDF: 542091.9/7

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

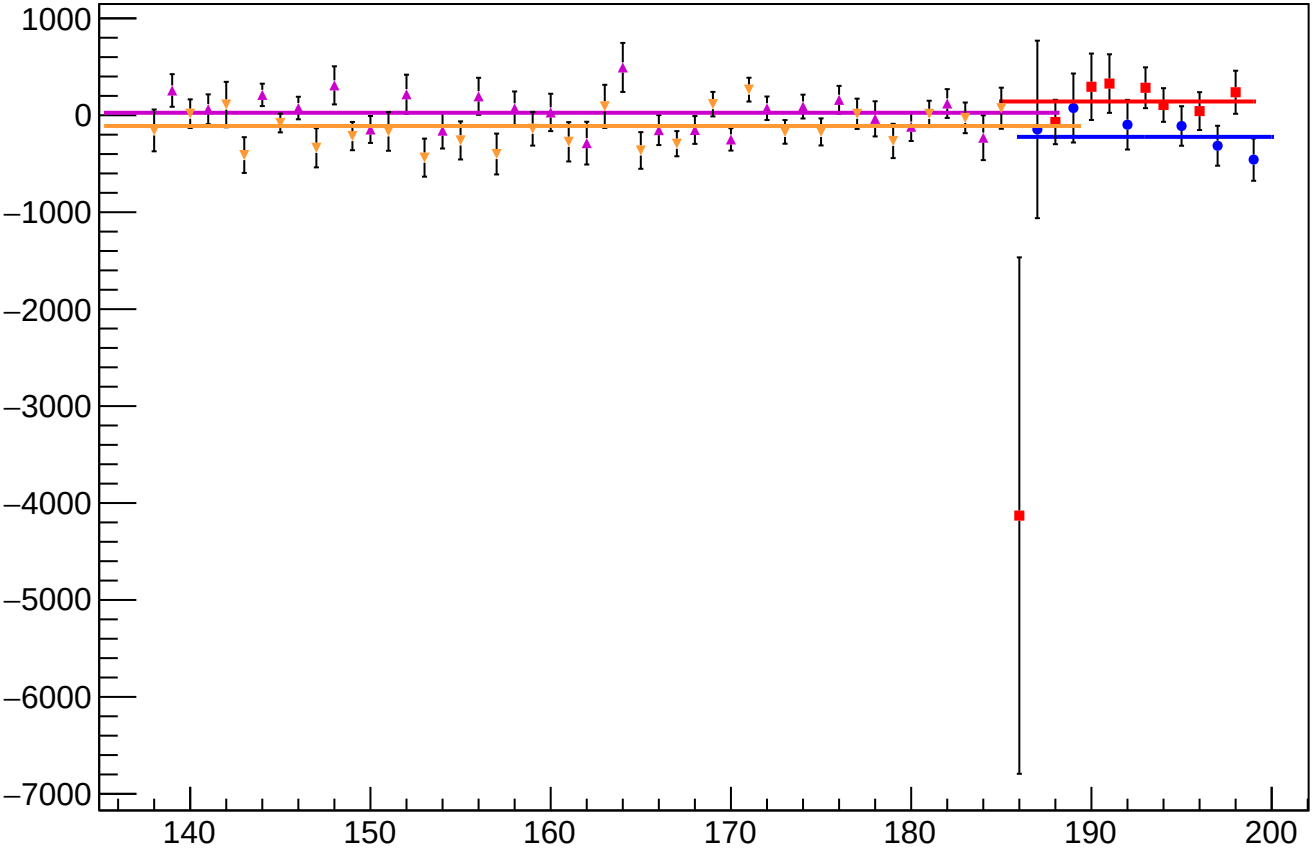
Right: 62.451+/-0.015 χ^2/NDF: 635504.5/13

In: 44.705+/-0.007 χ^2/NDF:1350431.6/28

Out: 44.881+/-0.007 χ^2/NDF:2148471.6/32

All: 44.797+/-0.005 χ^2/NDF: 3499232.1/61

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -222.777+/-103.767 χ^2/NDF: 2.6/5

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 142.285+/-84.243 χ^2/NDF: 4.9/7

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

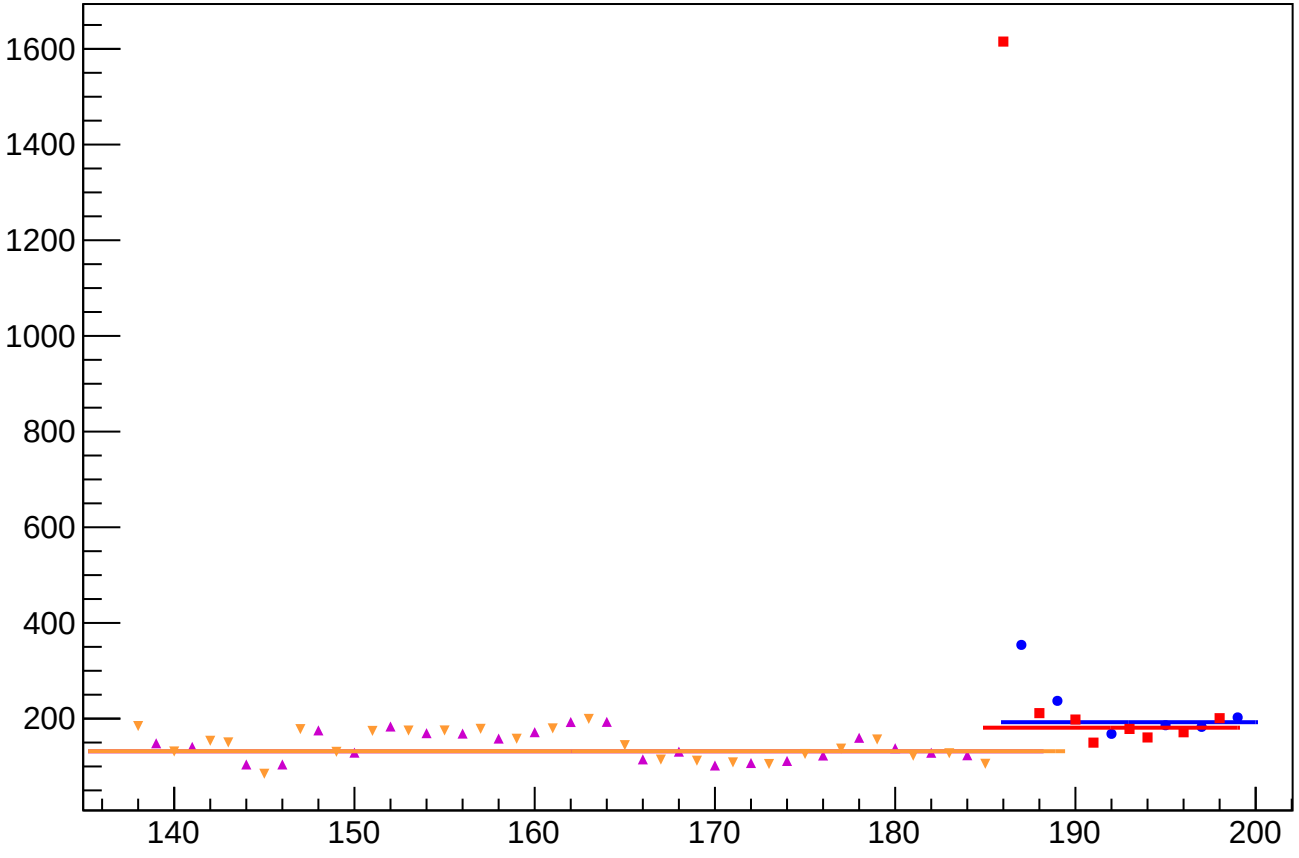
Right: -2.739+/-65.403 χ^2/NDF: 15.0/13

In: 4.116+/-30.666 χ^2/NDF:36.9/28

Out: -78.976+/-29.683 χ^2/NDF:45.8/32

All: -38.784+/-21.328 χ^2/NDF: 86.4/61

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 192.516+/-0.073 χ^2/NDF: 122502.8/5

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 181.047+/-0.060 χ^2/NDF: 690262.4/7

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

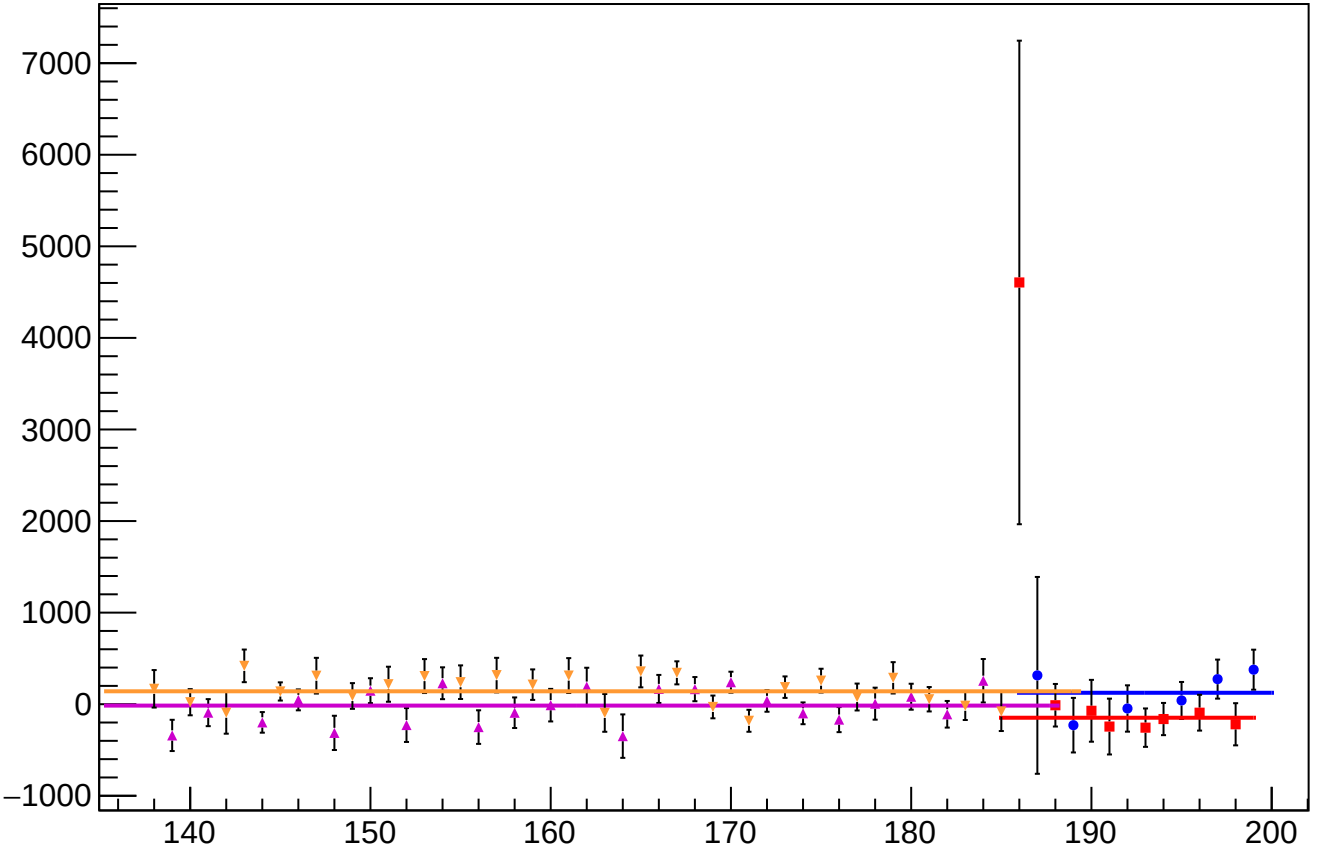
Right: 185.603+/-0.046 χ^2/NDF: 827491.6/13

In: 136.947+/-0.022 χ^2/NDF:2154640.5/28

Out: 137.979+/-0.021 χ^2/NDF:3093462.1/32

All: 137.480+/-0.015 χ^2/NDF: 5249272.7/61

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 124.828+/-102.497 χ^2/NDF: 3.9/5

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -147.719+/-85.032 χ^2/NDF: 4.2/7

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

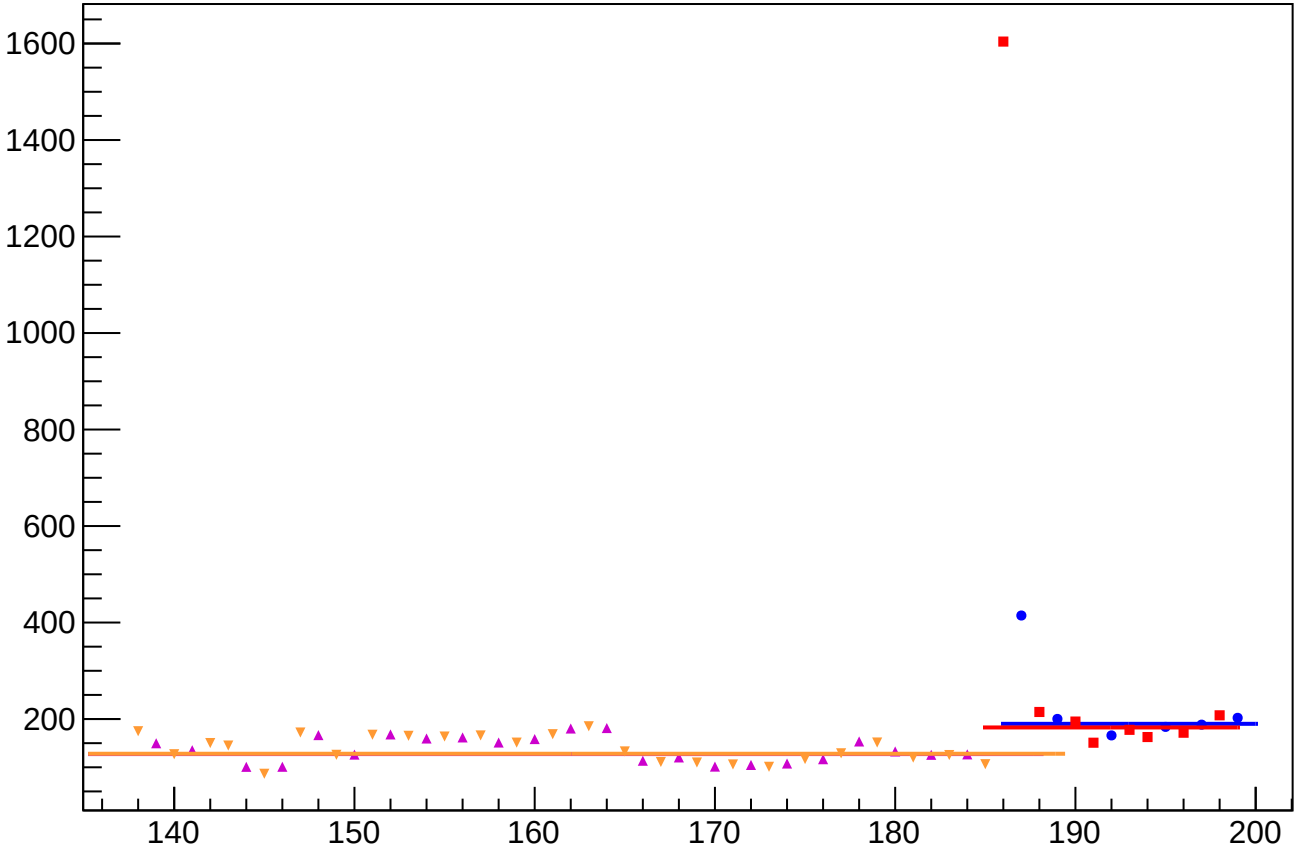
Right: -36.611+/-65.443 χ^2/NDF: 12.3/13

In: -3.441+/-29.701 χ^2/NDF:37.0/28

Out: 107.836+/-28.822 χ^2/NDF:41.5/32

All: 53.869+/-20.684 χ^2/NDF: 85.7/61

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 190.085+/-0.072 χ^2/NDF: 116149.0/5

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 182.565+/-0.060 χ^2/NDF: 698726.0/7

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

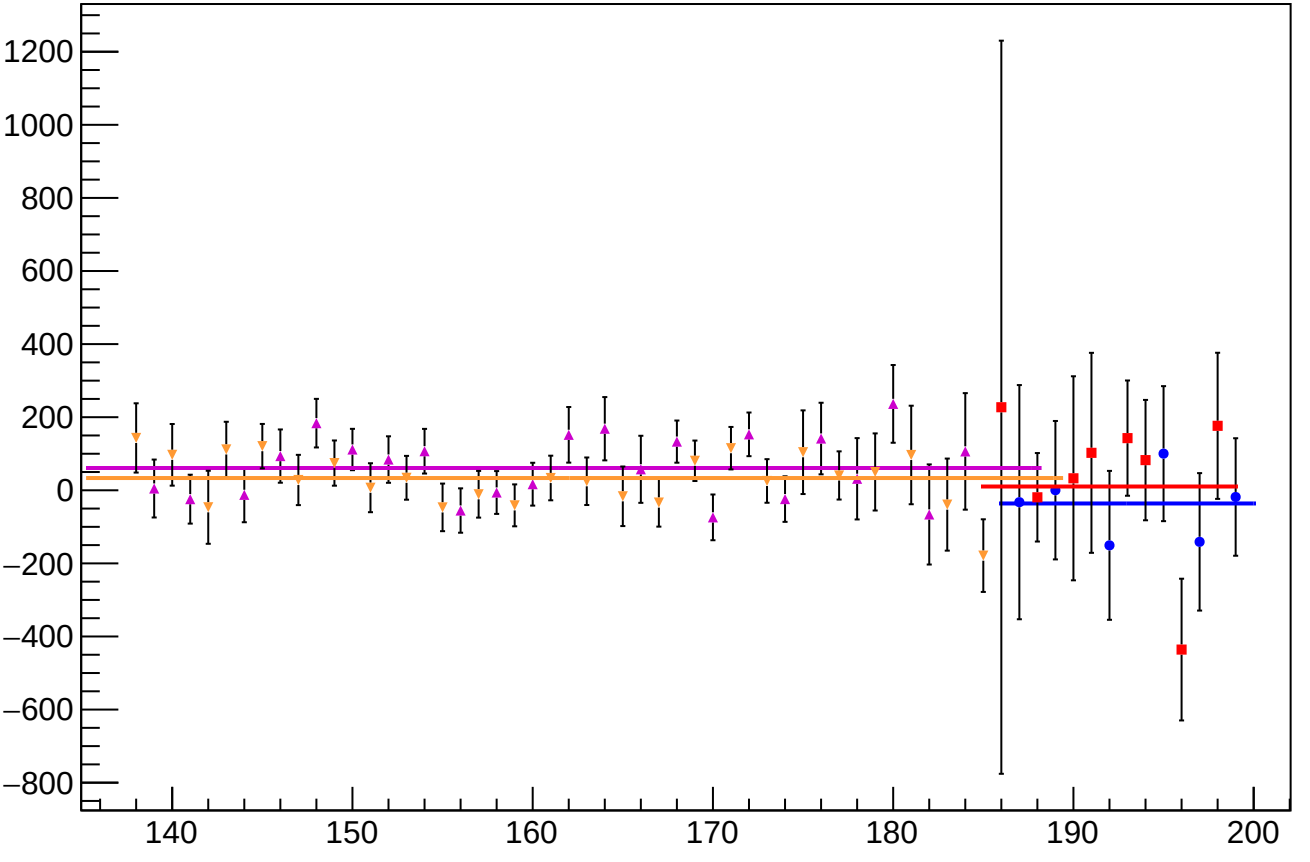
Right: 185.631+/-0.046 χ^2/NDF: 821252.1/13

In: 132.645+/-0.021 χ^2/NDF:2031743.2/28

Out: 134.322+/-0.020 χ^2/NDF:2956373.1/32

All: 133.509+/-0.015 χ^2/NDF: 4991398.8/61

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -36.068+/-79.555 χ^2/NDF: 1.2/5

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 10.344+/-66.798 χ^2/NDF: 7.1/7

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

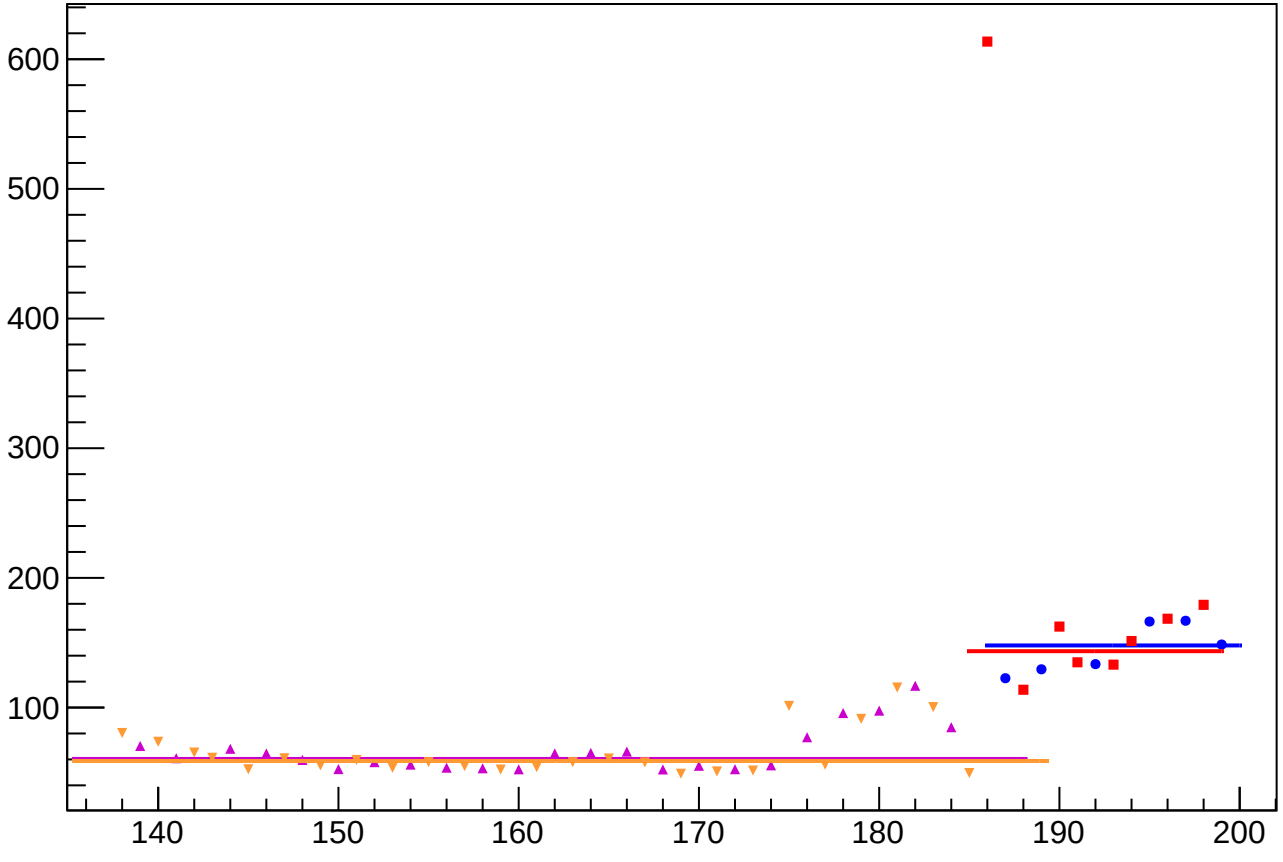
Right: -8.847+/-51.157 χ^2/NDF: 8.5/13

In: 57.728+/-14.587 χ^2/NDF:34.2/28

Out: 32.532+/-13.886 χ^2/NDF:26.9/32

All: 44.510+/-10.058 χ^2/NDF: 62.7/61

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 147.893+/-0.056 χ^2/NDF: 81781.5/5

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 143.463+/-0.047 χ^2/NDF: 681704.8/7

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

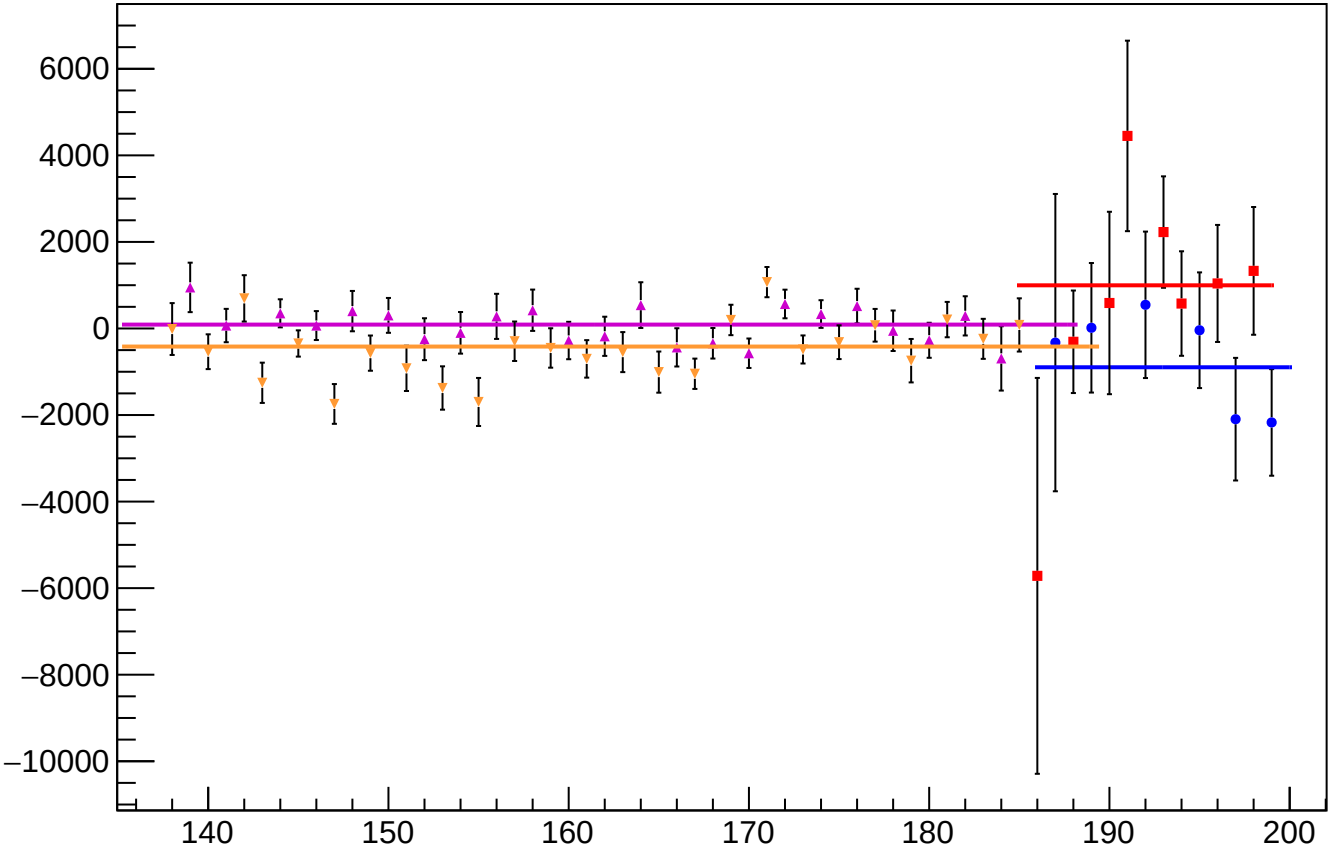
Right: 145.295+/-0.036 χ^2/NDF: 767122.1/13

In: 63.298+/-0.010 χ^2/NDF:3639510.7/28

Out: 62.452+/-0.010 χ^2/NDF:5216780.0/32

All: 62.854+/-0.007 χ^2/NDF: 8859818.7/61

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -896.382+/-620.412 χ^2/NDF: 3.3/5

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 997.294+/-535.499 χ^2/NDF: 7.0/7

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

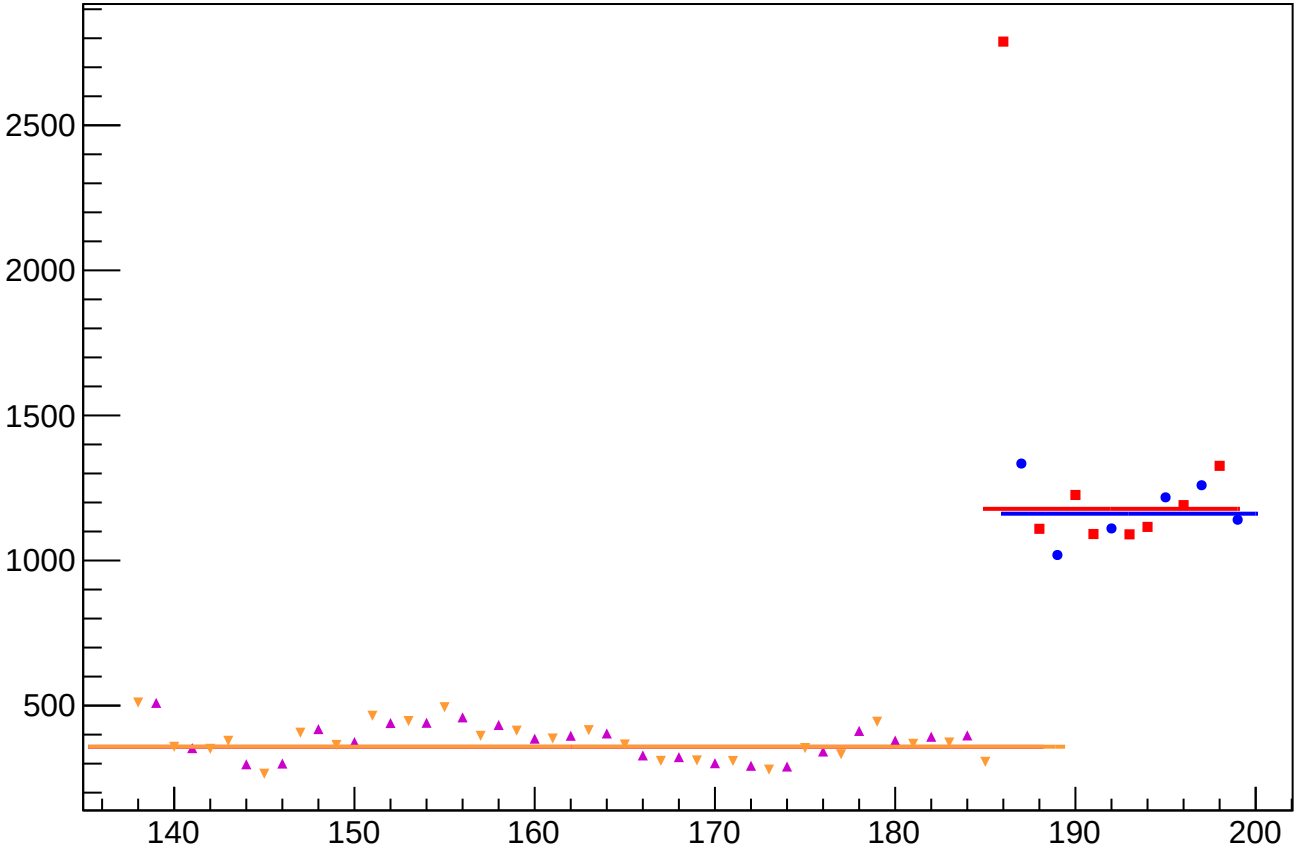
Right: 188.819+/-405.378 χ^2/NDF: 15.6/13

In: 70.732+/-85.611 χ^2/NDF:25.2/28

Out: -383.064+/-83.920 χ^2/NDF:72.3/32

All: -160.694+/-59.929 χ^2/NDF: 111.8/61

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1161.394+/-0.439 χ^2/NDF: 38680.8/5

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1178.146+/-0.379 χ^2/NDF: 293776.2/7

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

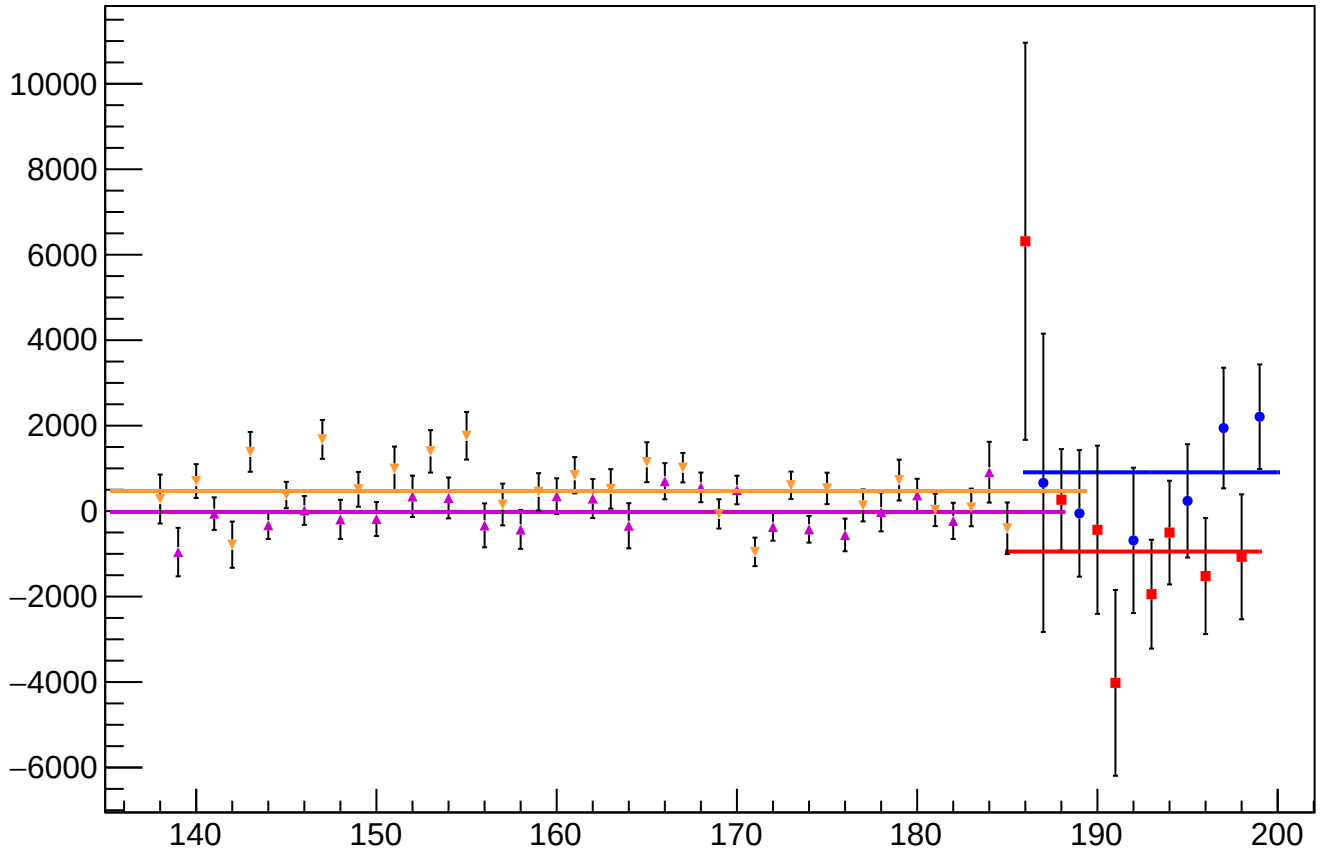
Right: 1170.994+/-0.287 χ^2/NDF: 333292.6/13

In: 373.103+/-0.061 χ^2/NDF:4223497.2/28

Out: 378.482+/-0.059 χ^2/NDF:5877869.8/32

All: 375.846+/-0.042 χ^2/NDF: 10105393.5/61

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 908.046+/-617.376 χ^2/NDF: 3.2/5

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -945.698+/-531.966 χ^2/NDF: 6.5/7

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

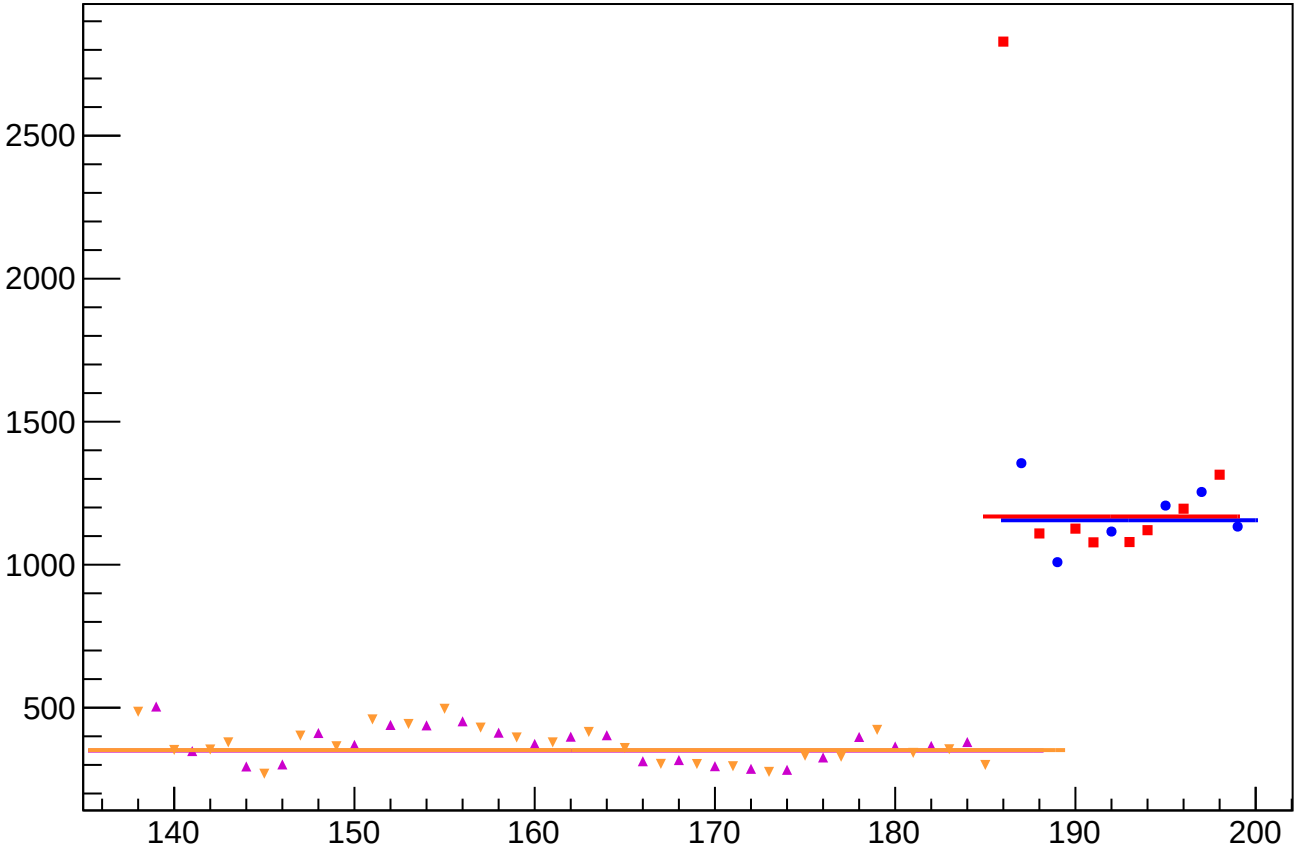
Right: -155.825+/-402.999 χ^2/NDF: 14.9/13

In: -2.203+/-83.894 χ^2/NDF:29.1/28

Out: 436.760+/-82.470 χ^2/NDF:72.1/32

All: 221.034+/-58.812 χ^2/NDF: 115.1/61

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1155.395+/-0.437 χ^2/NDF: 40663.9/5

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1168.578+/-0.376 χ^2/NDF: 298372.1/7

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

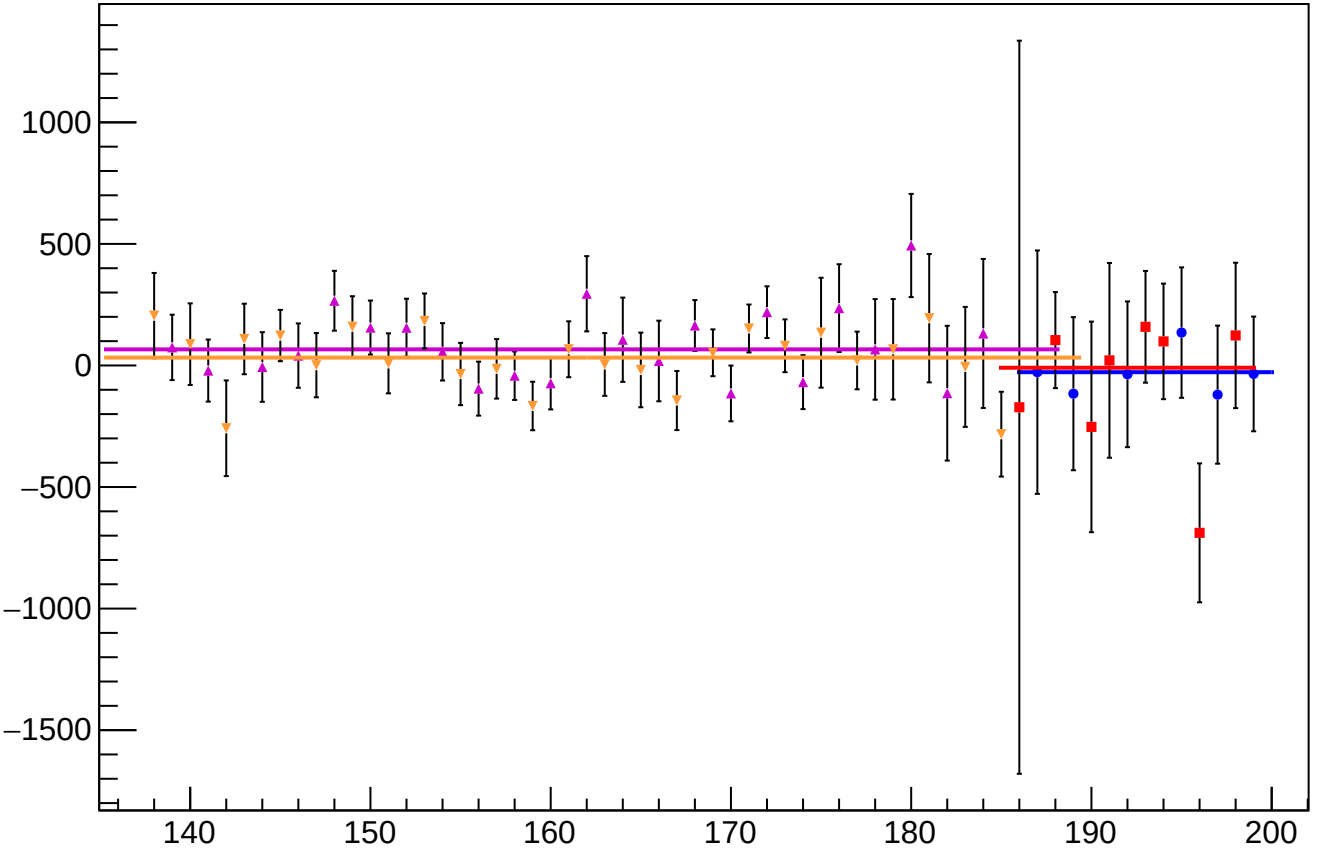
Right: 1162.961+/-0.285 χ^2/NDF: 339559.3/13

In: 364.908+/-0.059 χ^2/NDF:4270610.8/28

Out: 371.408+/-0.058 χ^2/NDF:5916972.0/32

All: 368.214+/-0.042 χ^2/NDF: 10193688.1/61

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -27.644+/-119.973 χ^2/NDF: 0.6/5

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: -9.238+/-101.178 χ^2/NDF: 7.3/7

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

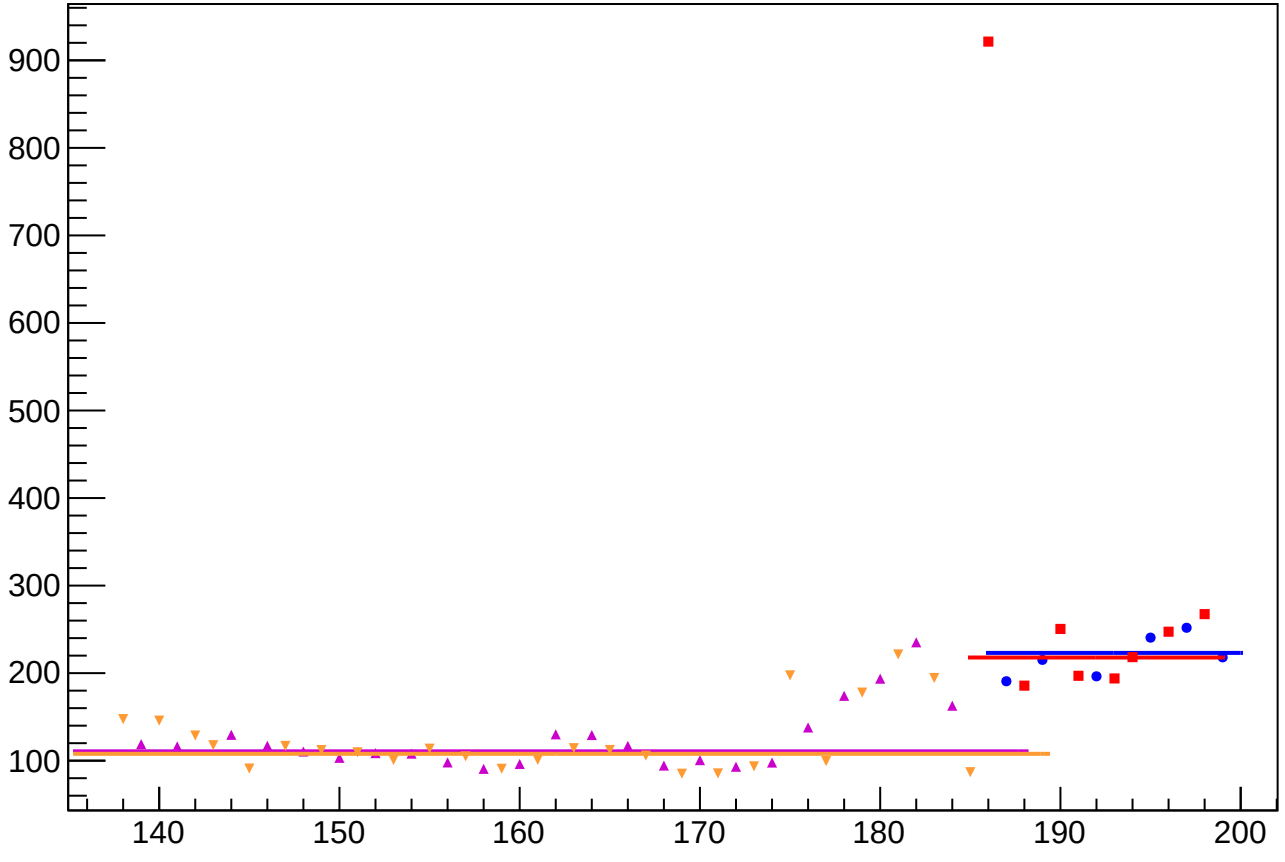
Right: -16.888+/-77.345 χ^2/NDF: 7.8/13

In: 61.583+/-26.759 χ^2/NDF:25.4/28

Out: 29.697+/-25.472 χ^2/NDF:27.0/32

All: 44.855+/-18.450 χ^2/NDF: 53.1/61

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 223.128+/-0.085 χ^2/NDF: 55399.3/5

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 217.860+/-0.072 χ^2/NDF: 603034.3/7

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

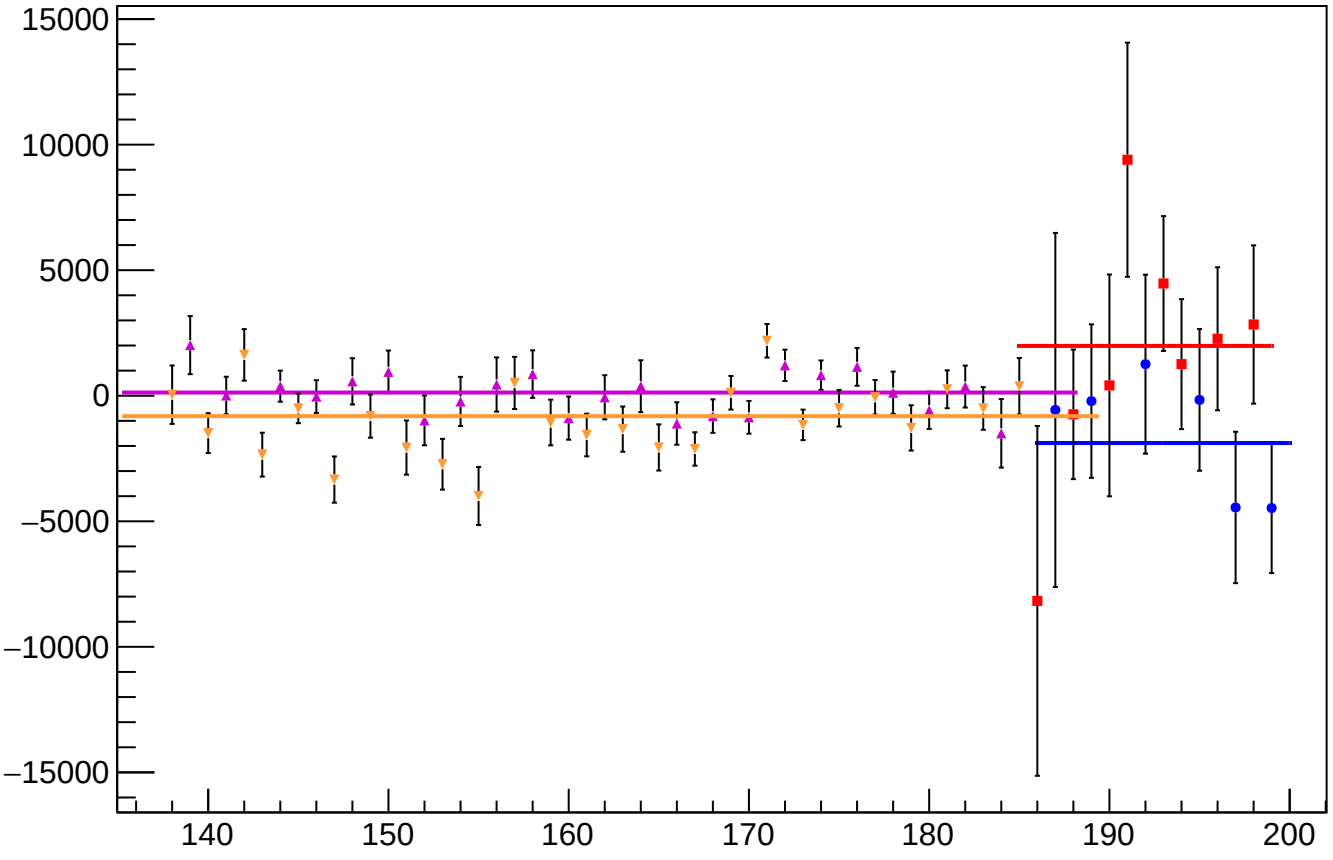
Right: 220.049+/-0.055 χ^2/NDF: 660687.3/13

In: 116.284+/-0.019 χ^2/NDF:3131240.7/28

Out: 114.825+/-0.018 χ^2/NDF:4651218.2/32

All: 115.519+/-0.013 χ^2/NDF: 7785580.9/61

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -1882.886+/-1301.232 χ^2/NDF: 3.2/5

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 1984.339+/-1132.208 χ^2/NDF: 6.9/7

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

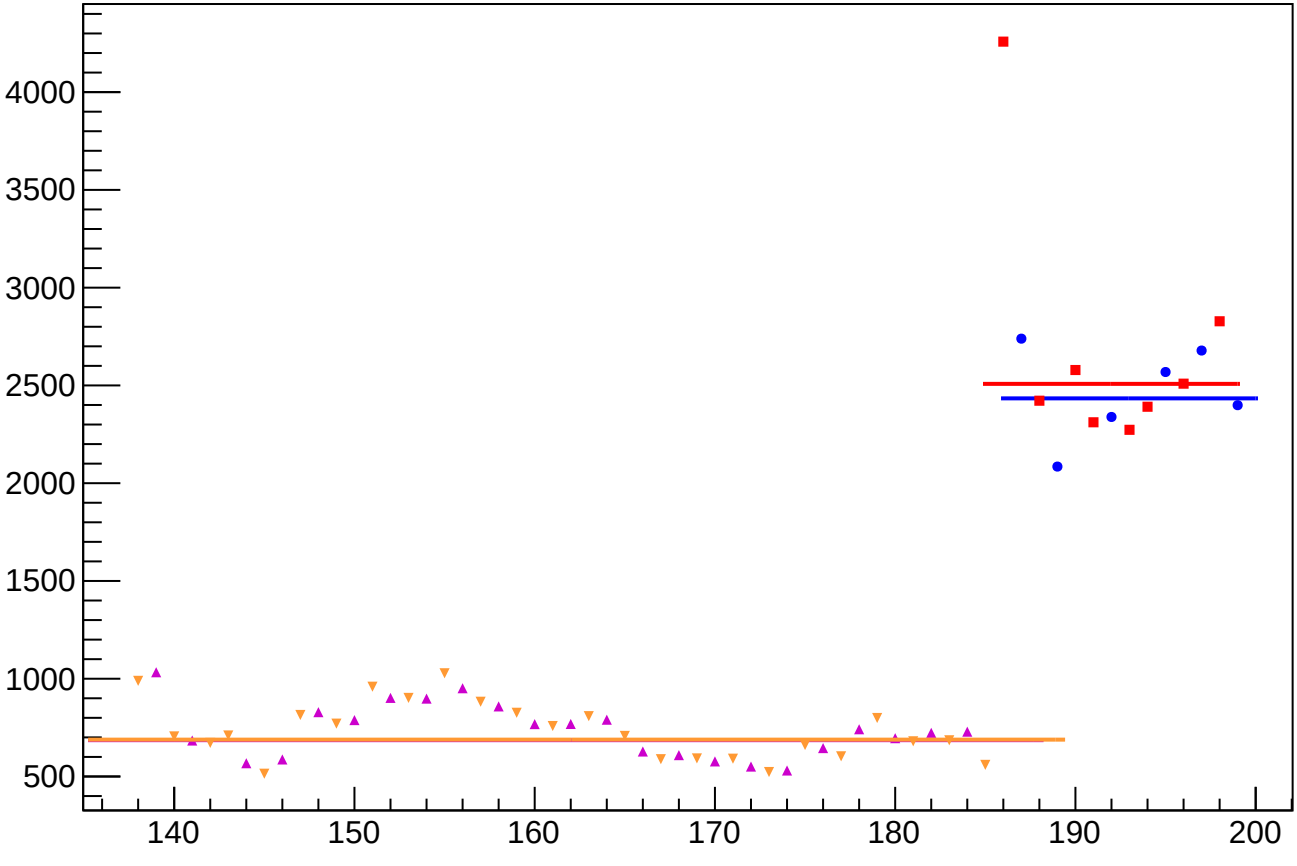
Right: 318.050+/-854.143 χ^2/NDF: 15.1/13

In: 95.117+/-164.966 χ^2/NDF:28.3/28

Out: -755.472+/-162.405 χ^2/NDF:79.1/32

All: -336.833+/-115.733 χ^2/NDF: 120.9/61

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2433.792+/-0.920 χ^2/NDF: 49314.6/5

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2507.981+/-0.801 χ^2/NDF: 172624.1/7

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

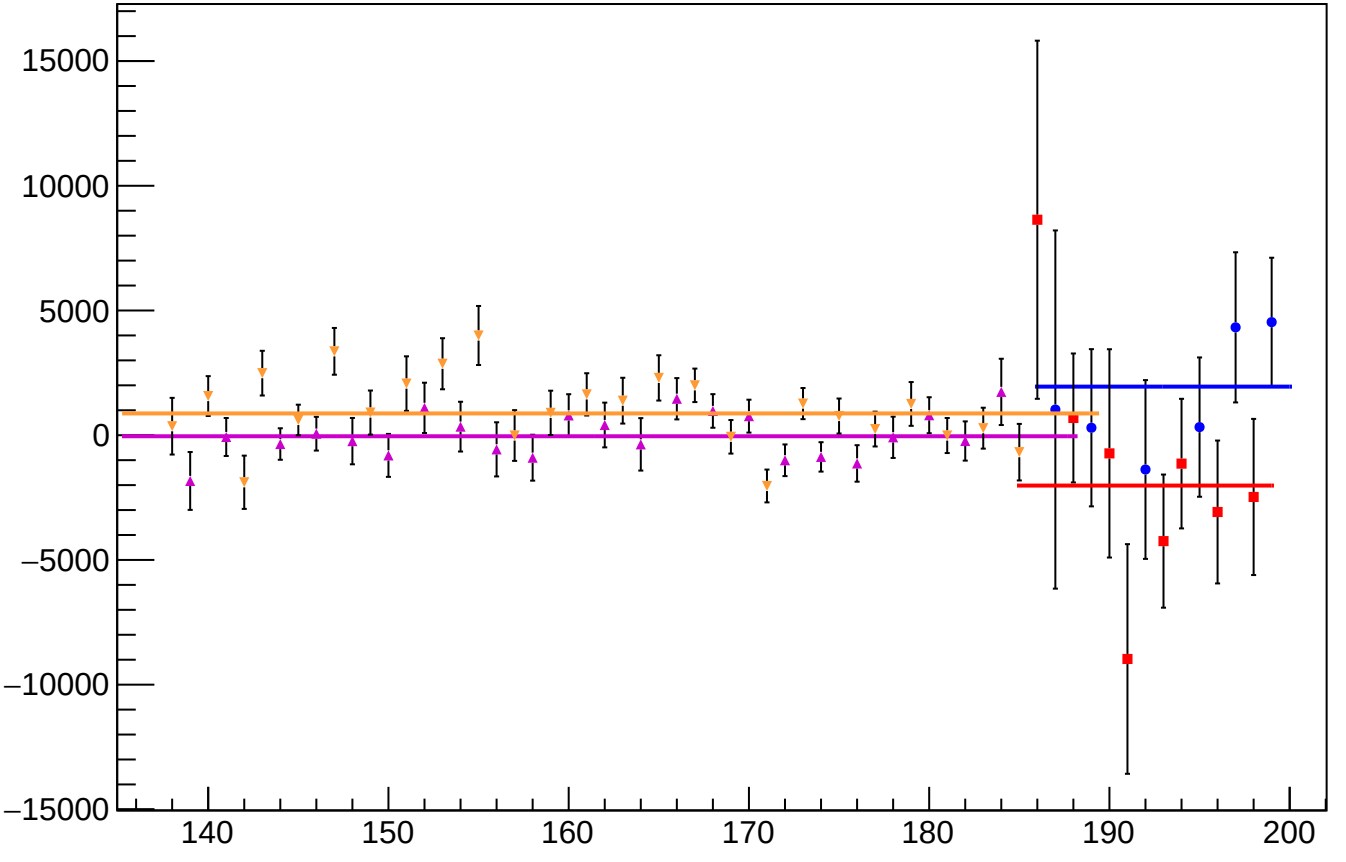
Right: 2476.014+/-0.604 χ^2/NDF: 225638.7/13

In: 713.829+/-0.117 χ^2/NDF:4756941.1/28

Out: 725.949+/-0.115 χ^2/NDF:6519004.4/32

All: 719.984+/-0.082 χ^2/NDF: 11281427.5/61

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1948.023+/-1305.506 χ^2/NDF: 3.1/5

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -2018.238+/-1127.823 χ^2/NDF: 6.6/7

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

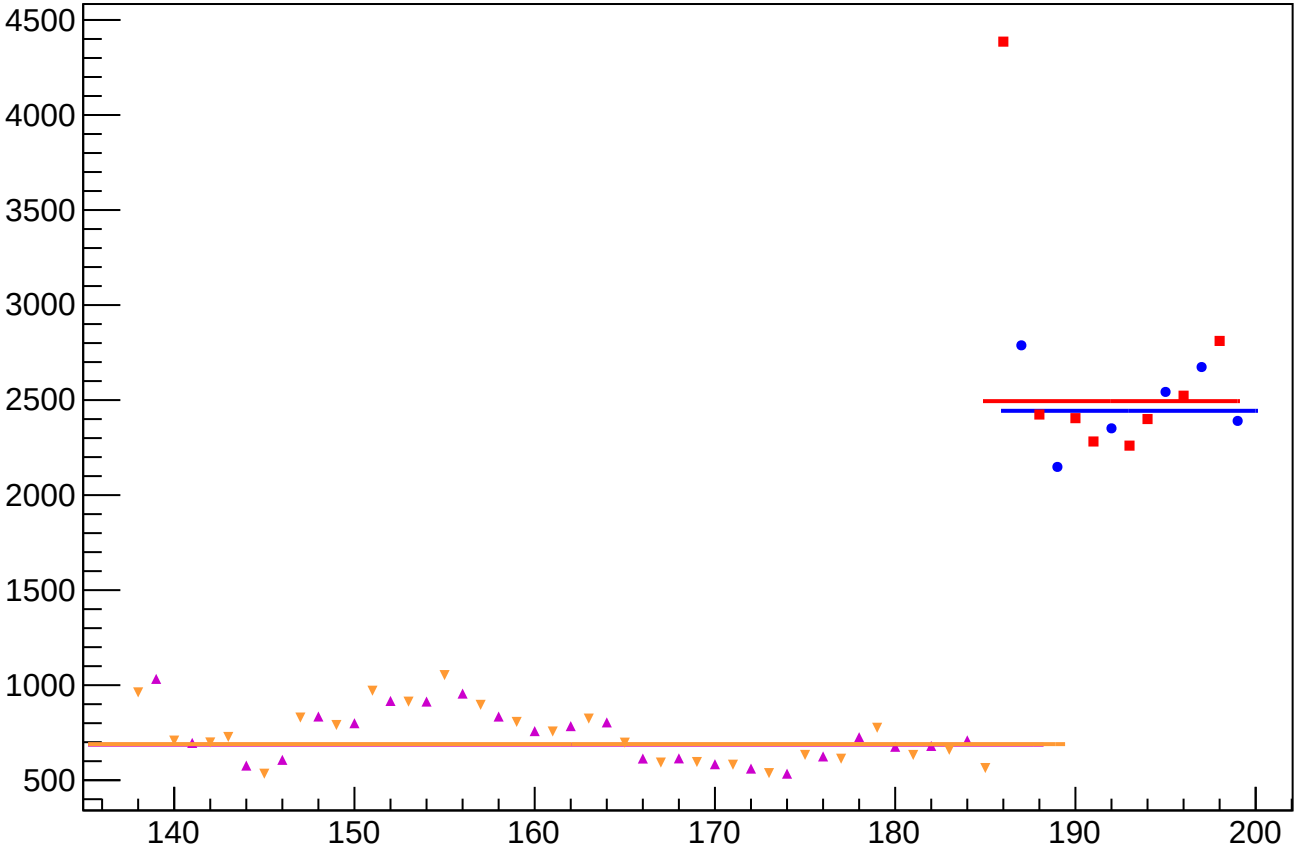
Right: -323.190+/-853.452 χ^2/NDF: 15.0/13

In: -9.593+/-165.384 χ^2/NDF:29.5/28

Out: 813.376+/-162.553 χ^2/NDF:77.2/32

All: 408.995+/-115.931 χ^2/NDF: 119.3/61

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2443.547+/-0.923 χ^2/NDF: 38562.6/5

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2494.488+/-0.797 χ^2/NDF: 184224.4/7

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

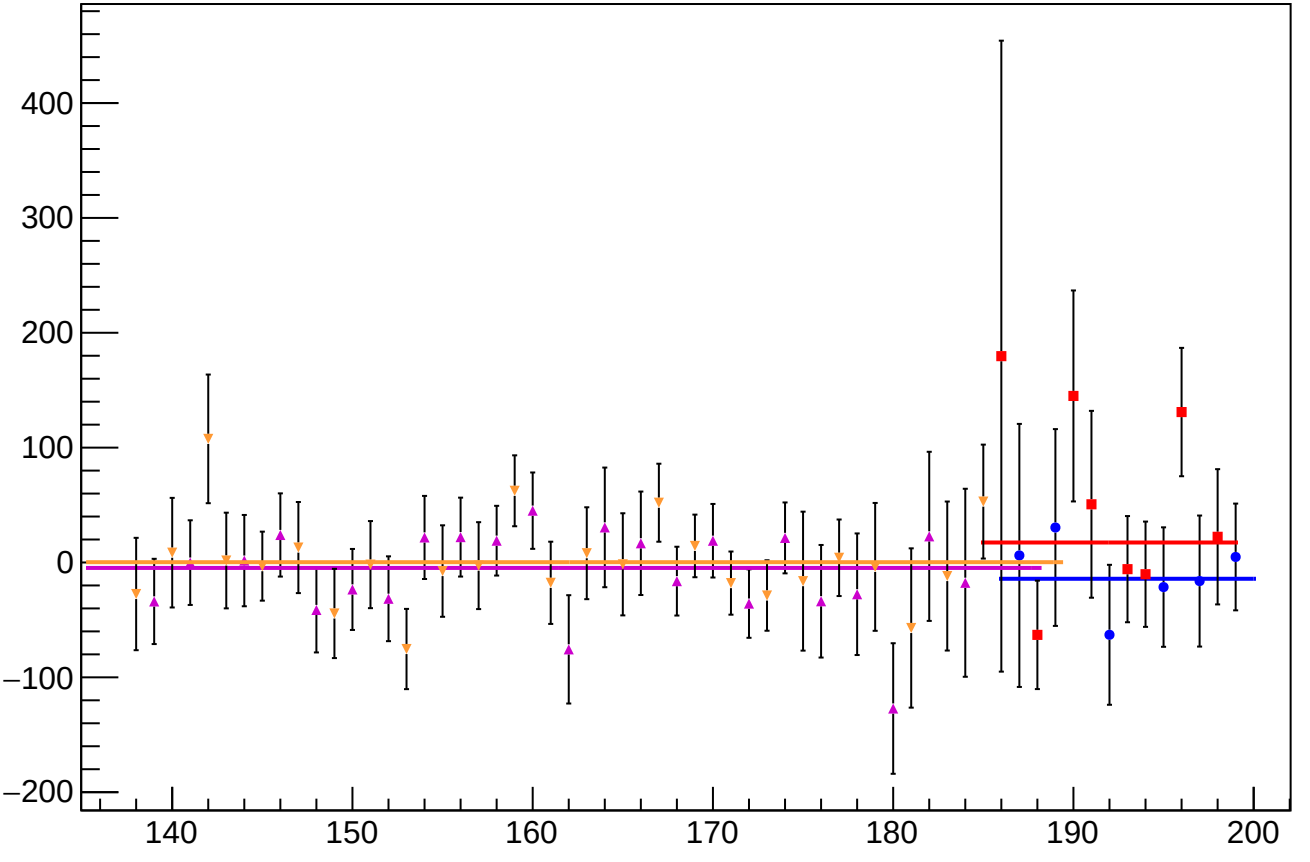
Right: 2472.718+/-0.603 χ^2/NDF: 224530.8/13

In: 715.134+/-0.117 χ^2/NDF:4717422.6/28

Out: 727.257+/-0.115 χ^2/NDF:6457613.8/32

All: 721.300+/-0.082 χ^2/NDF: 11180502.1/61

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.185+/-24.831 χ^2/NDF: 1.1/5

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: 17.393+/-20.922 χ^2/NDF: 10.1/7

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

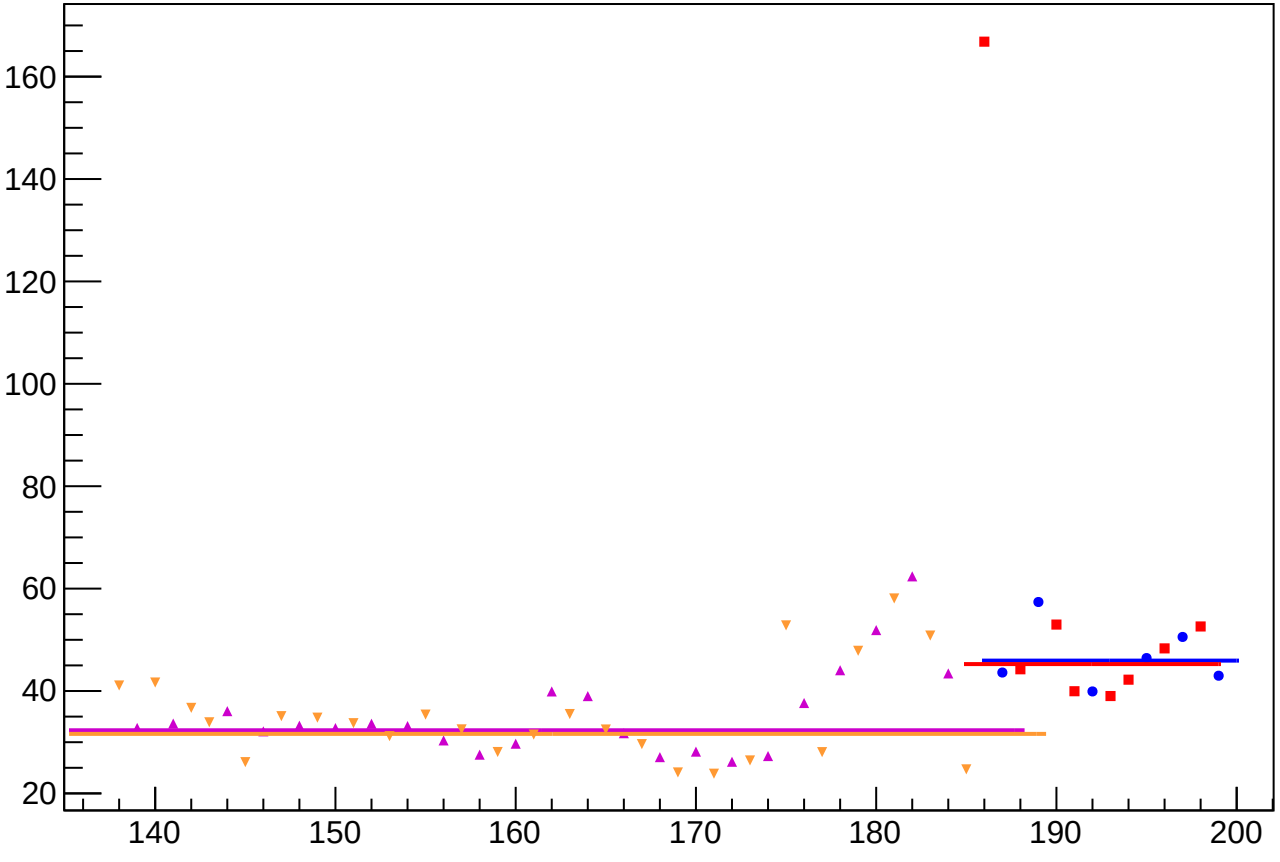
Right: 4.282+/-16.000 χ^2/NDF: 12.2/13

In: -5.628+/-7.594 χ^2/NDF:19.1/28

Out: 2.294+/-7.218 χ^2/NDF:31.1/32

All: -1.466+/-5.232 χ^2/NDF: 50.8/61

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 45.936+/-0.018 χ^2/NDF: 77456.2/5

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 45.259+/-0.015 χ^2/NDF: 497769.4/7

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

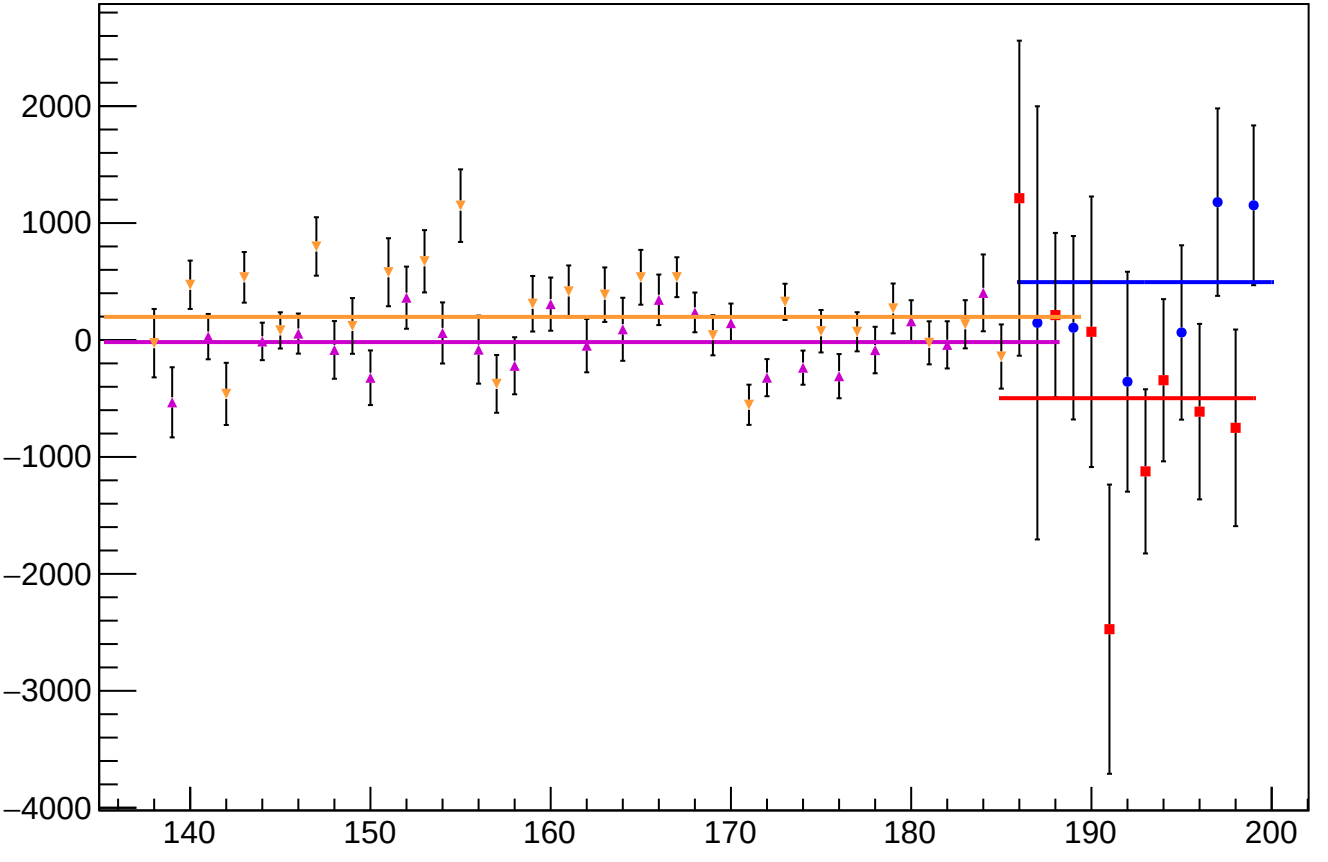
Right: 45.540+/-0.011 χ^2/NDF: 576096.4/13

In: 33.604+/-0.005 χ^2/NDF:1763195.9/28

Out: 33.247+/-0.005 χ^2/NDF:2919415.8/32

All: 33.416+/-0.004 χ^2/NDF: 4684926.6/61

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 494.898+/-342.043 χ^2/NDF: 3.1/5

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -497.517+/-297.824 χ^2/NDF: 6.4/7

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

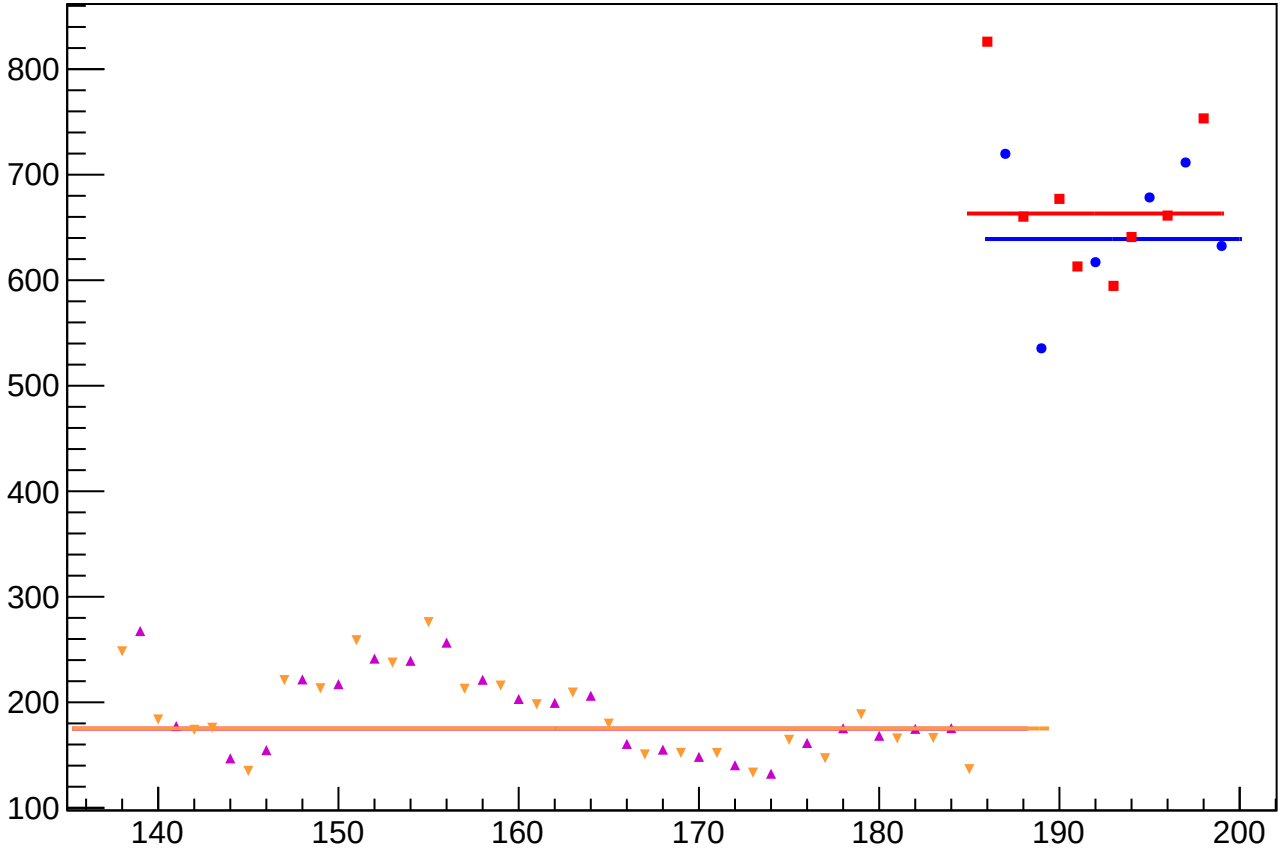
Right: -69.566+/-224.611 χ^2/NDF: 14.3/13

In: -9.920+/-42.250 χ^2/NDF:32.4/28

Out: 184.233+/-41.425 χ^2/NDF:81.6/32

All: 89.071+/-29.579 χ^2/NDF: 124.8/61

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 639.033+/-0.242 χ^2/NDF: 61906.7/5

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 663.190+/-0.211 χ^2/NDF: 76991.3/7

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

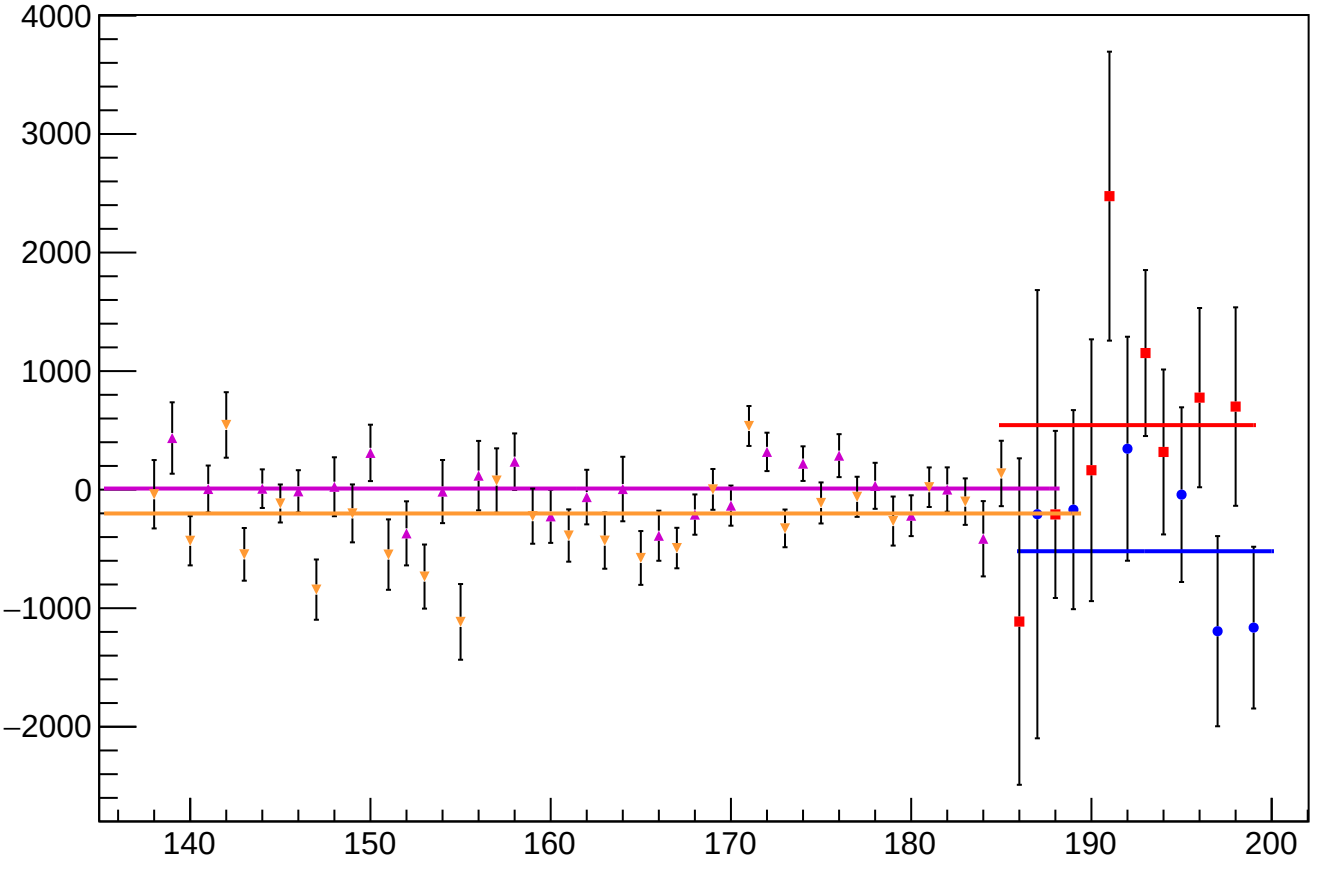
Right: 652.773+/-0.159 χ^2/NDF: 144572.1/13

In: 182.130+/-0.030 χ^2/NDF:5025712.4/28

Out: 184.648+/-0.029 χ^2/NDF:6760660.1/32

All: 183.414+/-0.021 χ^2/NDF: 11789993.6/61

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -519.417+/-345.777 χ^2/NDF: 3.1/5

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 544.288+/-297.249 χ^2/NDF: 6.2/7

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

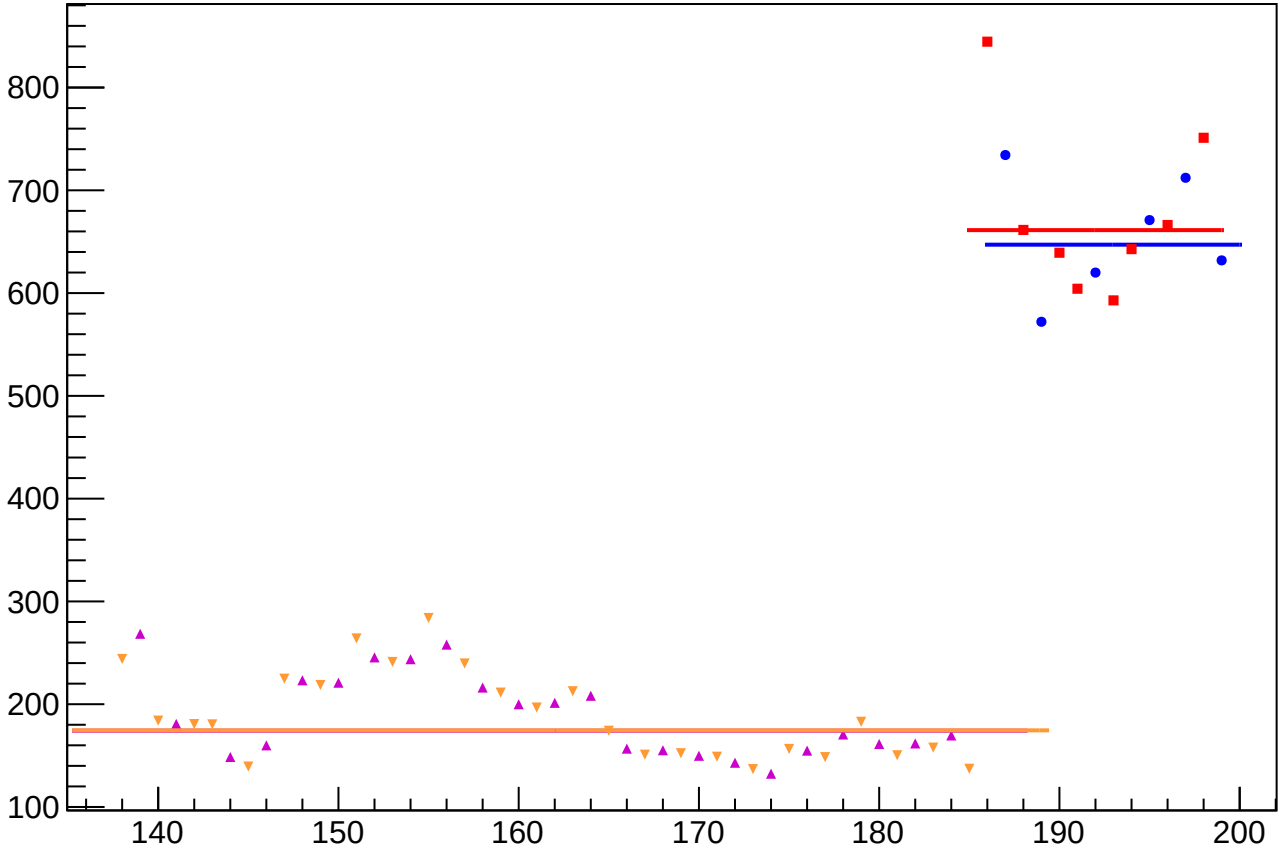
Right: 92.258+/-225.408 χ^2/NDF: 14.7/13

In: 1.537+/-42.121 χ^2/NDF:30.8/28

Out: -186.519+/-41.336 χ^2/NDF:77.9/32

All: -94.260+/-29.502 χ^2/NDF: 118.8/61

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 647.102+/-0.245 χ^2/NDF: 38157.7/5

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 661.259+/-0.210 χ^2/NDF: 84255.5/7

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

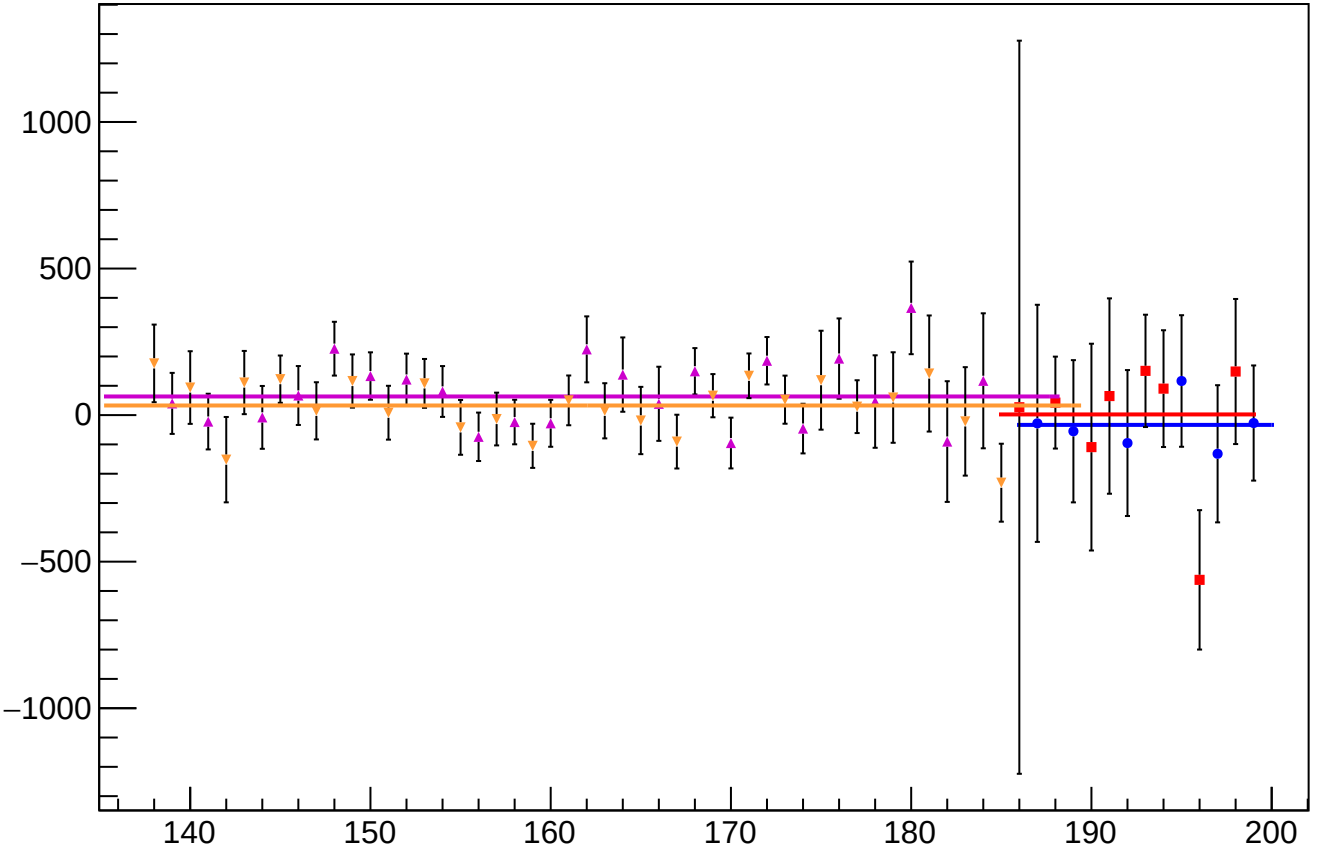
Right: 655.243+/-0.159 χ^2/NDF: 124341.3/13

In: 181.234+/-0.030 χ^2/NDF:5087907.4/28

Out: 183.978+/-0.029 χ^2/NDF:6875141.6/32

All: 182.632+/-0.021 χ^2/NDF: 11967374.1/61

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -33.385+/-98.404 χ^2/NDF: 0.7/5

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 2.290+/-83.108 χ^2/NDF: 7.0/7

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

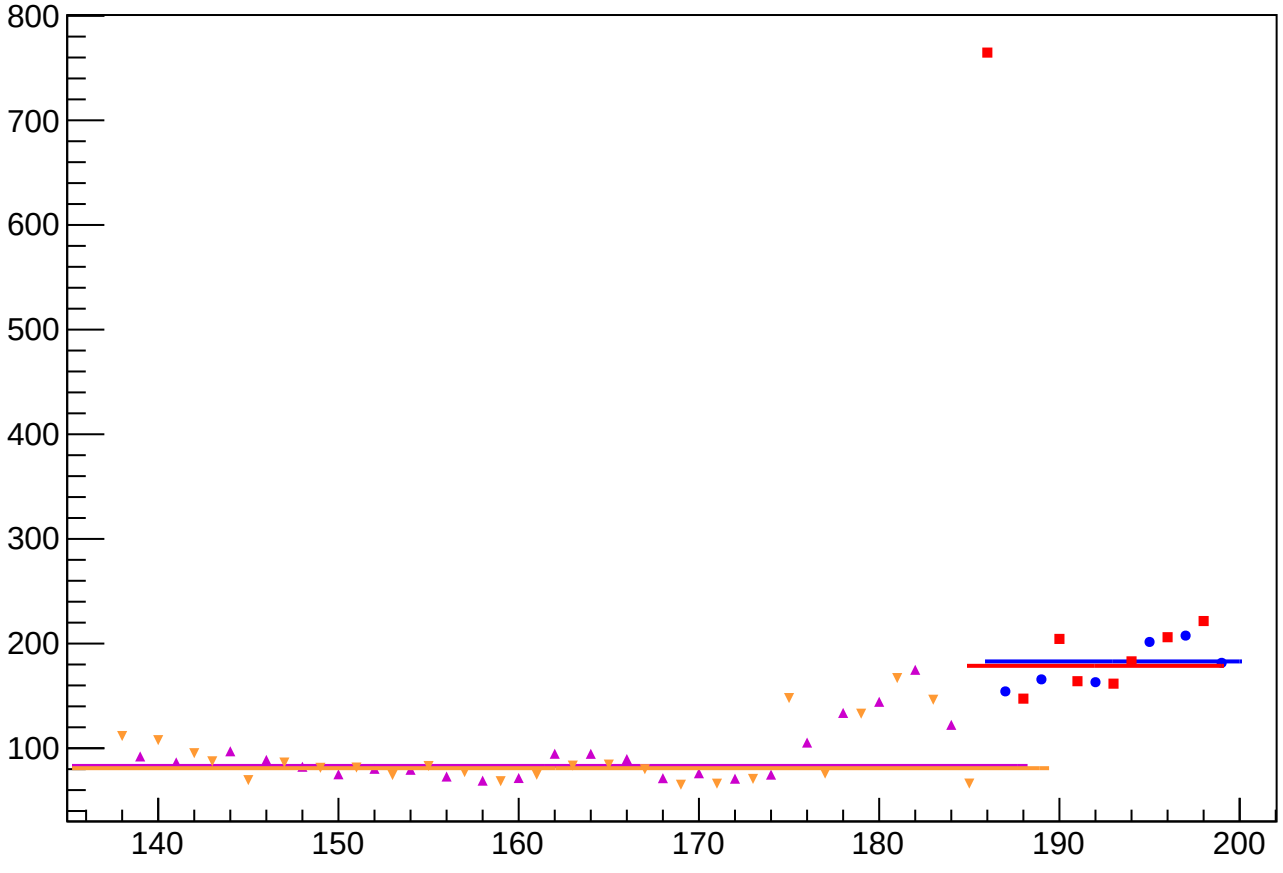
Right: -12.562+/-63.493 χ^2/NDF: 7.8/13

In: 59.506+/-20.138 χ^2/NDF:28.8/28

Out: 31.170+/-19.174 χ^2/NDF:26.6/32

All: 44.643+/-13.886 χ^2/NDF: 56.5/61

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 182.933+/-0.070 χ^2/NDF: 68804.1/5

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 178.733+/-0.059 χ^2/NDF: 636579.3/7

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

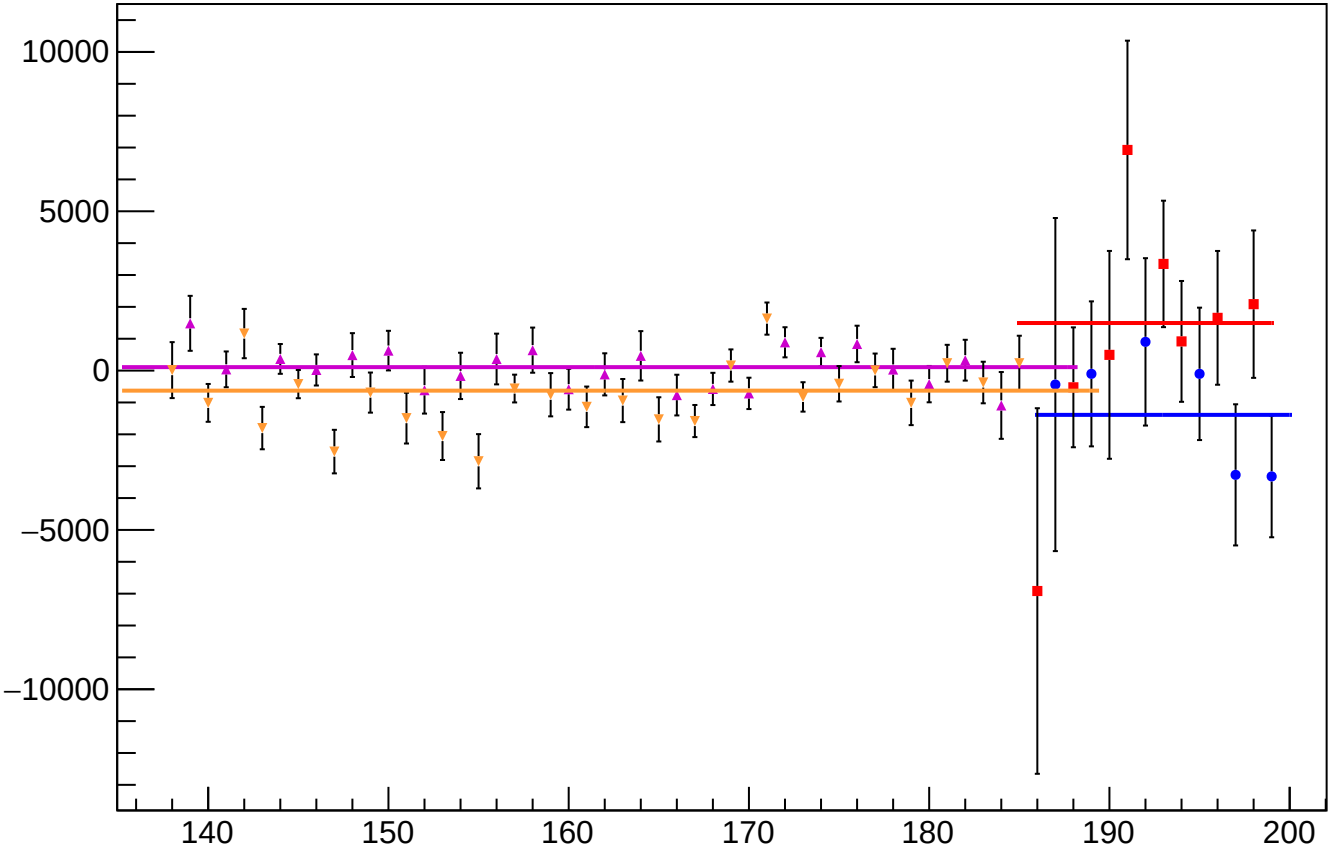
Right: 180.482+/-0.045 χ^2/NDF: 707509.4/13

In: 87.253+/-0.014 χ^2/NDF:3447359.1/28

Out: 86.132+/-0.014 χ^2/NDF:5020084.3/32

All: 86.665+/-0.010 χ^2/NDF: 8470690.2/61

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -1389.132+/-960.255 χ^2/NDF: 3.2/5

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 1493.377+/-833.930 χ^2/NDF: 6.9/7

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

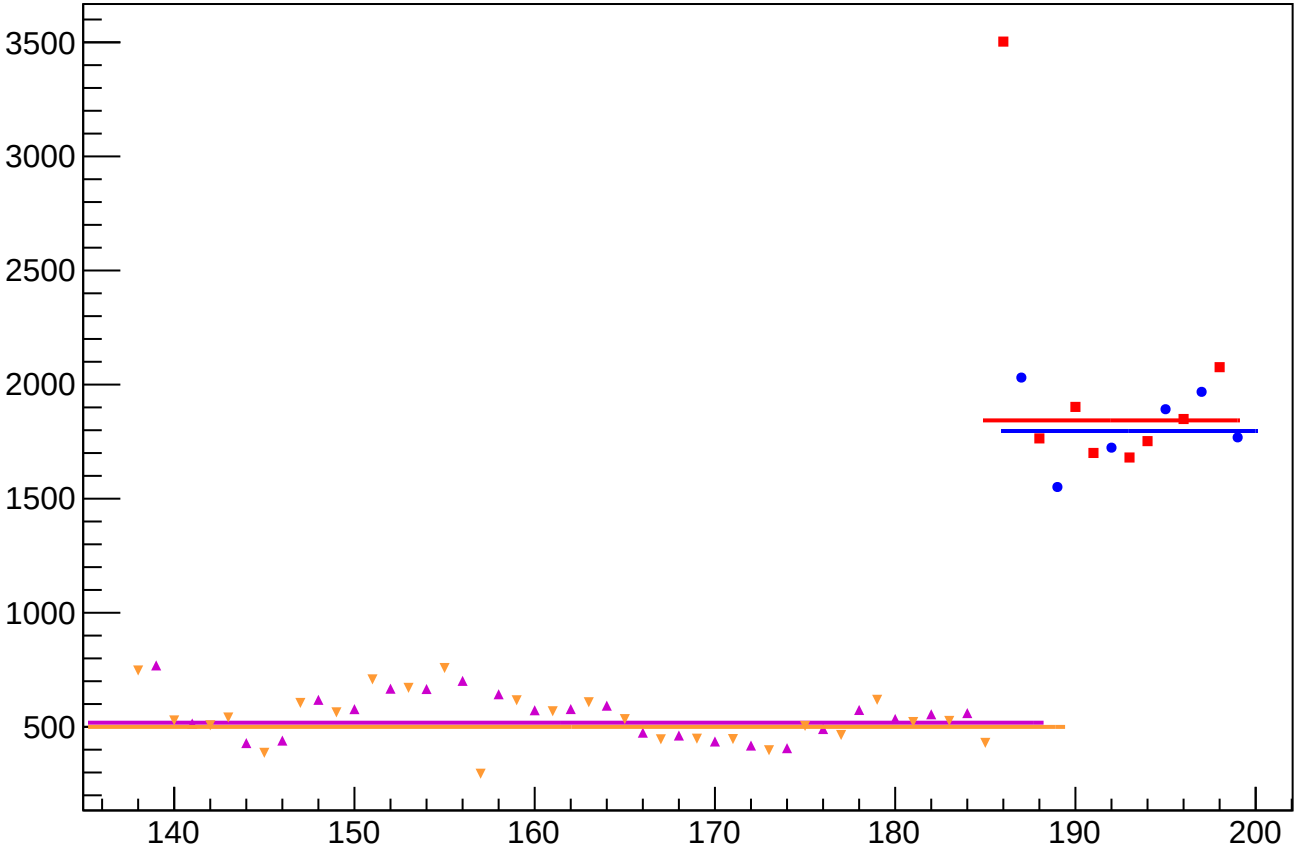
Right: 254.073+/-629.637 χ^2/NDF: 15.3/13

In: 83.654+/-124.468 χ^2/NDF:27.1/28

Out: -585.521+/-119.366 χ^2/NDF:76.4/32

All: -264.930+/-86.152 χ^2/NDF: 118.6/61

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 1796.610+/-0.679 χ^2/NDF: 45491.5/5

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1843.070+/-0.590 χ^2/NDF: 213517.9/7

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

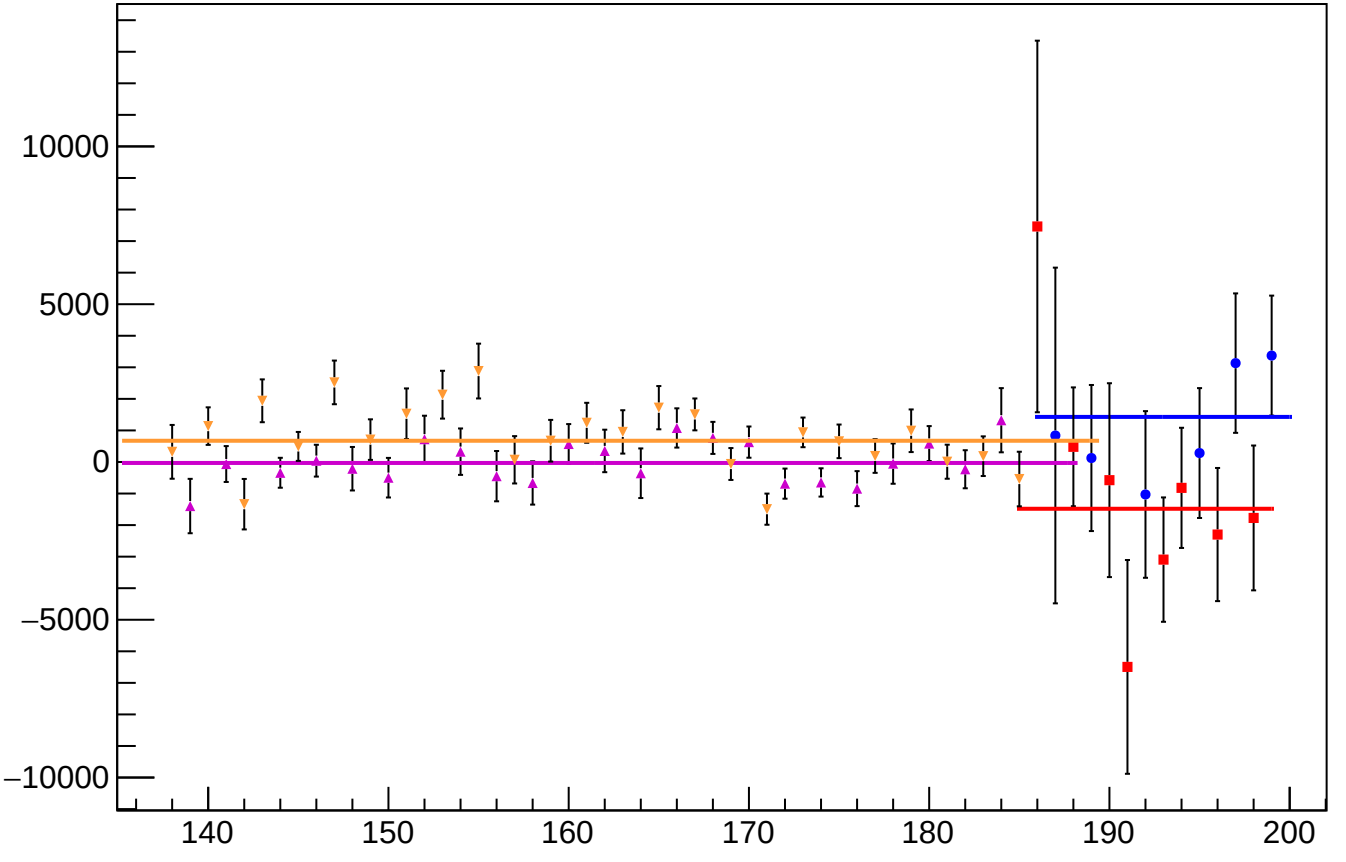
Right: 1823.095+/-0.445 χ^2/NDF: 261678.2/13

In: 539.723+/-0.088 χ^2/NDF:4602530.6/28

Out: 527.334+/-0.084 χ^2/NDF:6922796.9/32

All: 533.269+/-0.061 χ^2/NDF: 11535648.8/61

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 1428.337+/-960.837 χ^2/NDF: 3.1/5

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -1482.696+/-829.949 χ^2/NDF: 6.6/7

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

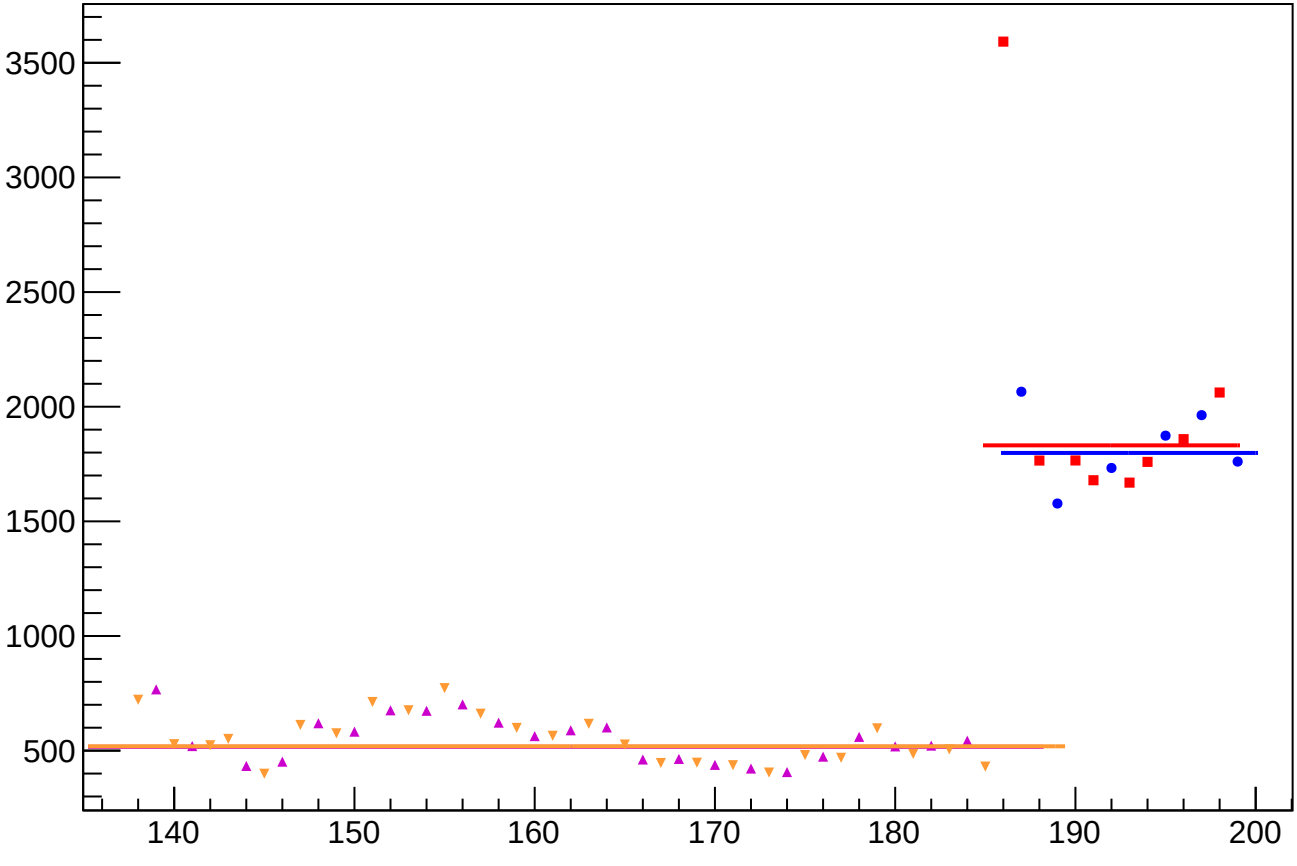
Right: -238.816+/-628.081 χ^2/NDF: 15.0/13

In: -6.677+/-124.186 χ^2/NDF:29.3/28

Out: 625.863+/-122.085 χ^2/NDF:76.0/32

All: 314.989+/-87.061 χ^2/NDF: 118.4/61

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1798.408+/-0.679 χ^2/NDF: 39032.6/5

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1831.449+/-0.587 χ^2/NDF: 223271.1/7

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

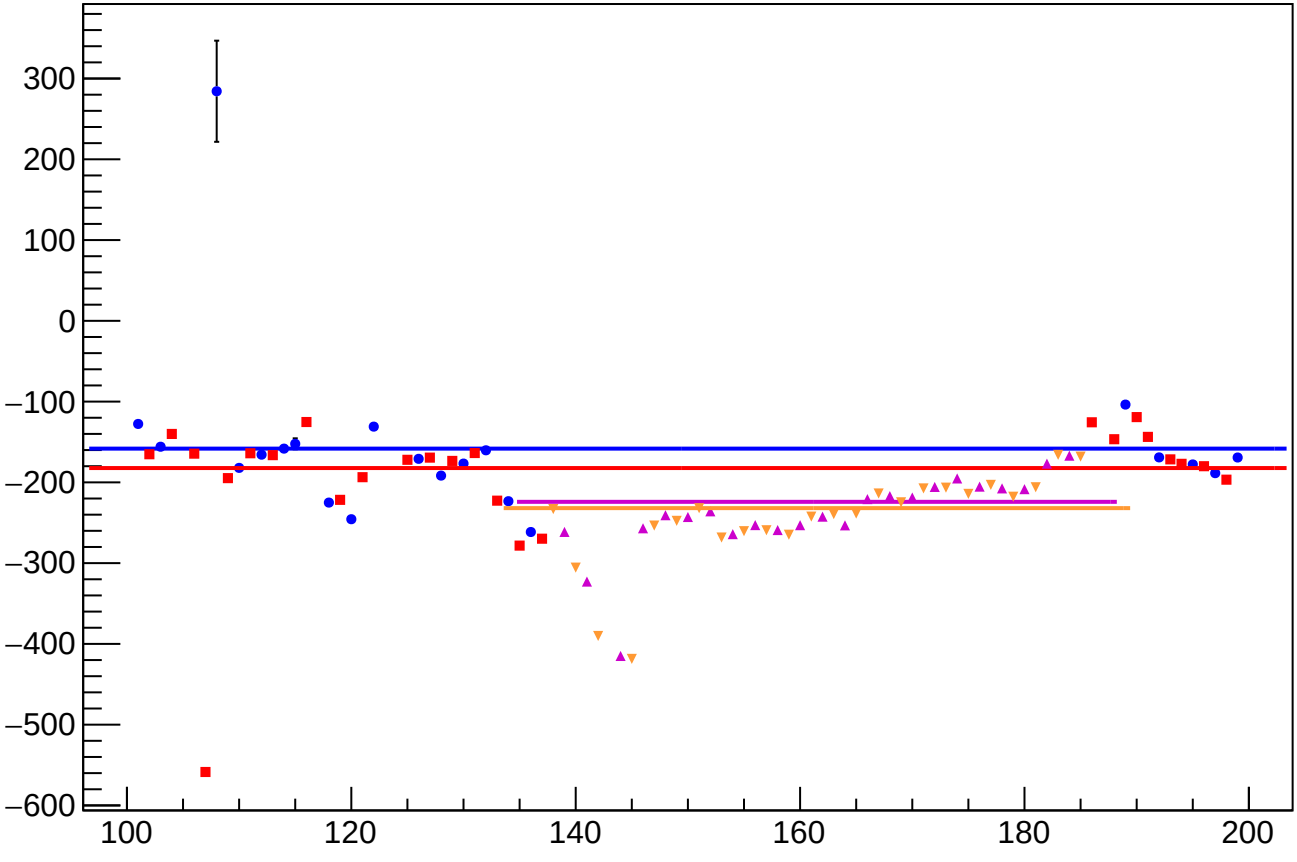
Right: 1817.331+/-0.444 χ^2/NDF: 263658.2/13

In: 538.007+/-0.088 χ^2/NDF:4575095.4/28

Out: 547.336+/-0.086 χ^2/NDF:6289554.3/32

All: 542.751+/-0.062 χ^2/NDF: 10870389.0/61

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 123743.0/20

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -182.282+/-0.095 χ^2/NDF: 163835.7/24

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

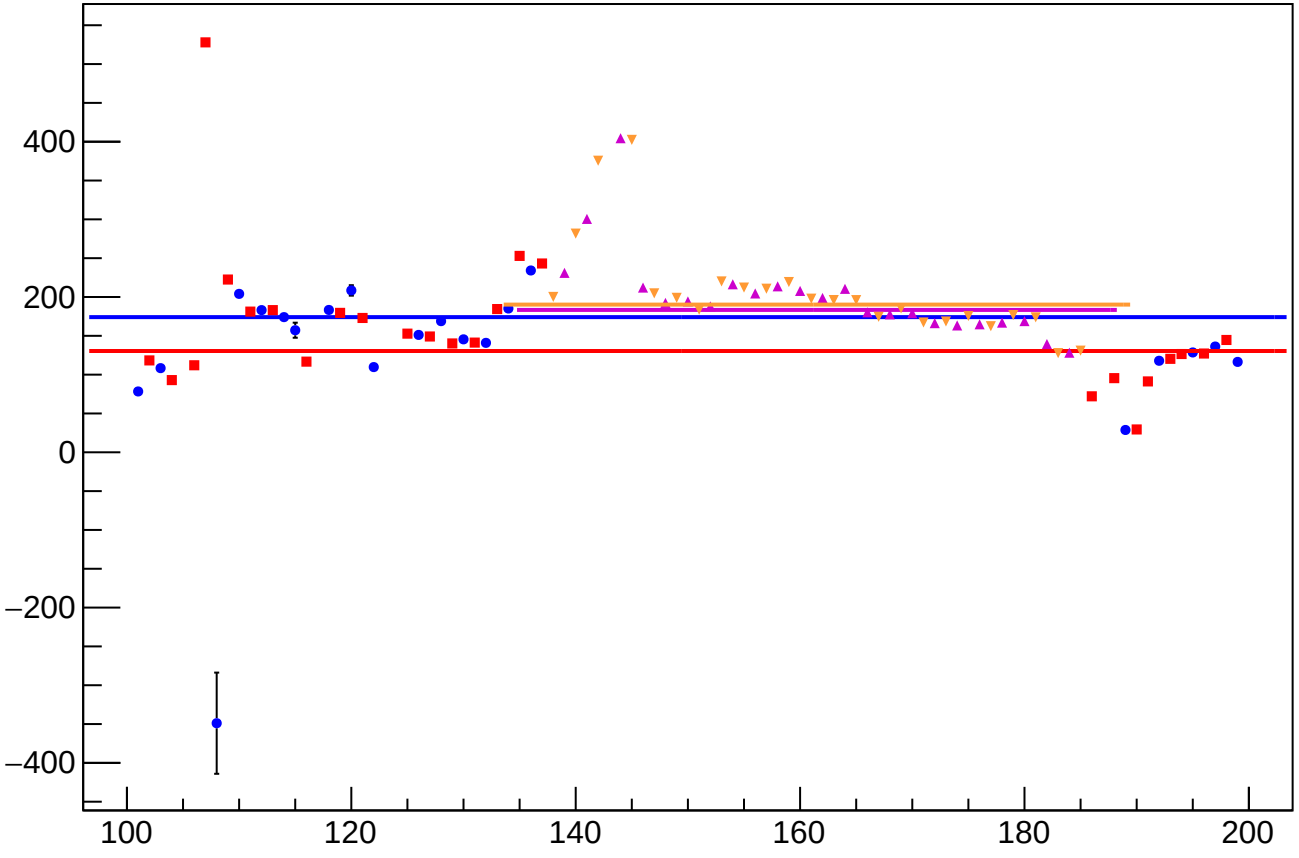
Right: -158.222+/-0.000 χ^2/NDF: 351812.2/45

In: -158.222+/-0.000 χ^2/NDF:726413.7/43

Out: -203.878+/-0.071 χ^2/NDF:393202.7/48

All: -158.222+/-0.000 χ^2/NDF: 1529120.0/92

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 118726.7/20

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 130.454+/-0.096 χ^2/NDF: 159391.1/24

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

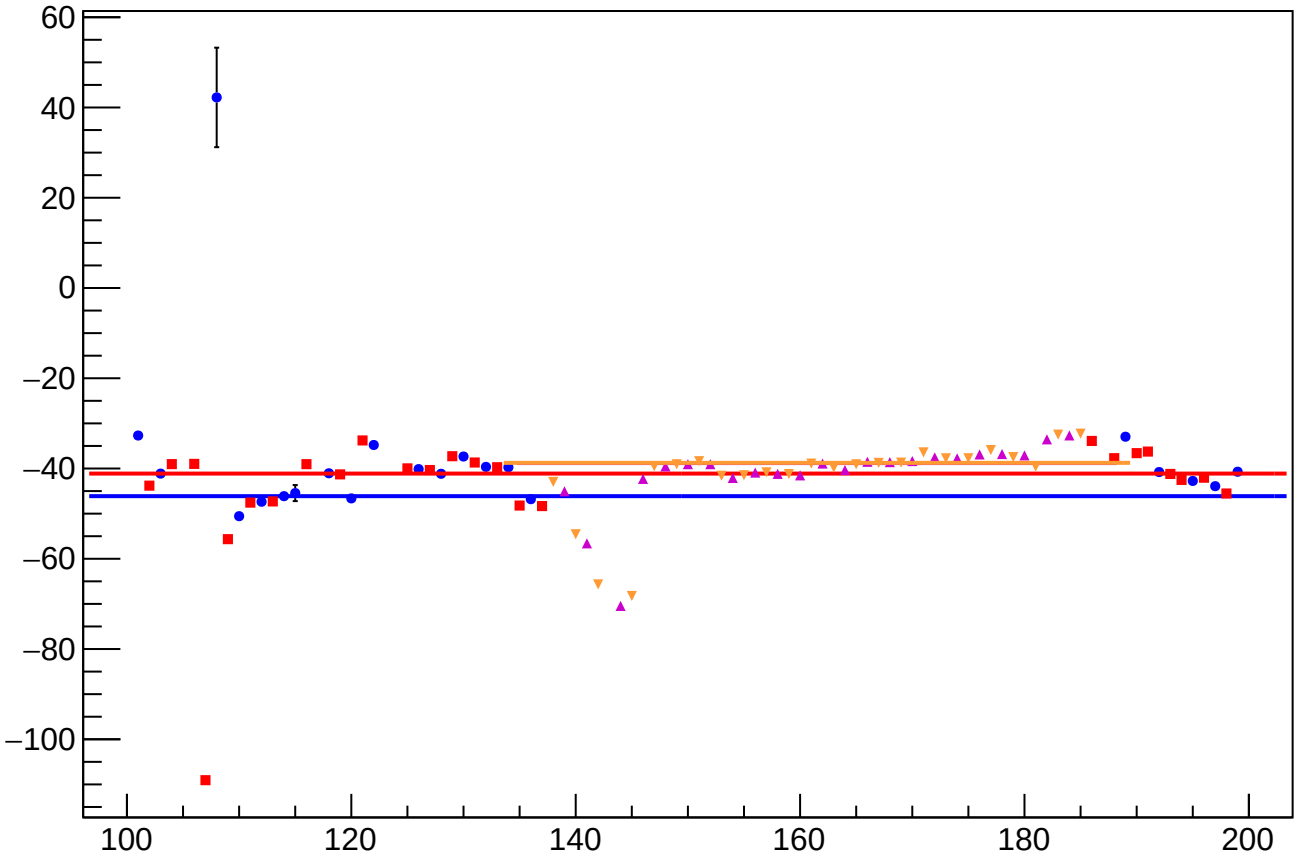
Right: 174.085+/-0.000 χ^2/NDF: 483755.2/45

In: 174.085+/-0.000 χ^2/NDF:282954.2/43

Out: 156.713+/-0.072 χ^2/NDF:428499.0/48

All: 174.085+/-0.000 χ^2/NDF: 769610.0/92

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 442855.6/20

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -41.122+/-0.012 χ^2/NDF: 305588.2/24

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

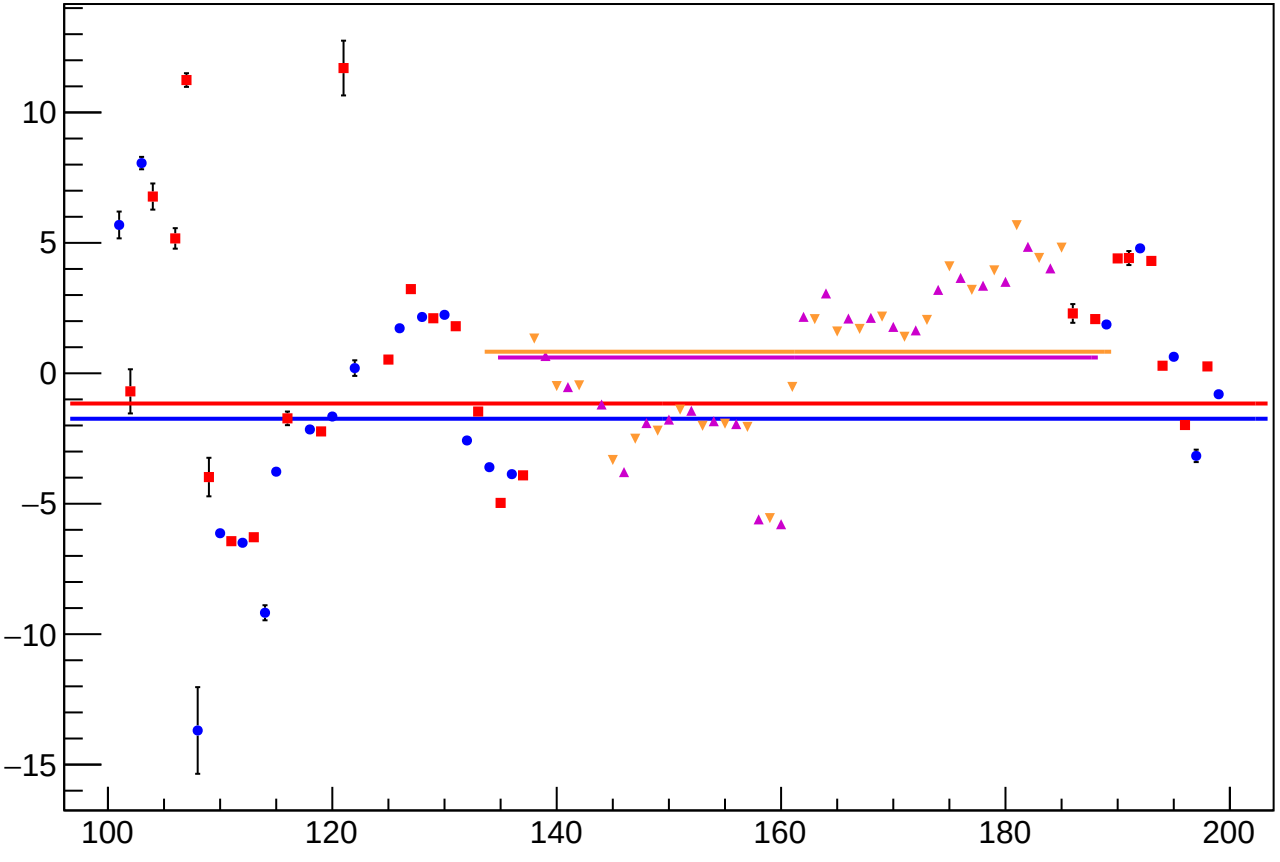
Right: -46.126+/-0.000 χ^2/NDF: 912542.8/45

In: -46.126+/-0.000 χ^2/NDF:2020583.8/43

Out: -39.184+/-0.005 χ^2/NDF:736410.4/48

All: -46.126+/-0.000 χ^2/NDF: 4468094.0/92

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -1.742+/-0.017 χ^2/NDF: 31256.5/20

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.158+/-0.020 χ^2/NDF: 35545.3/24

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

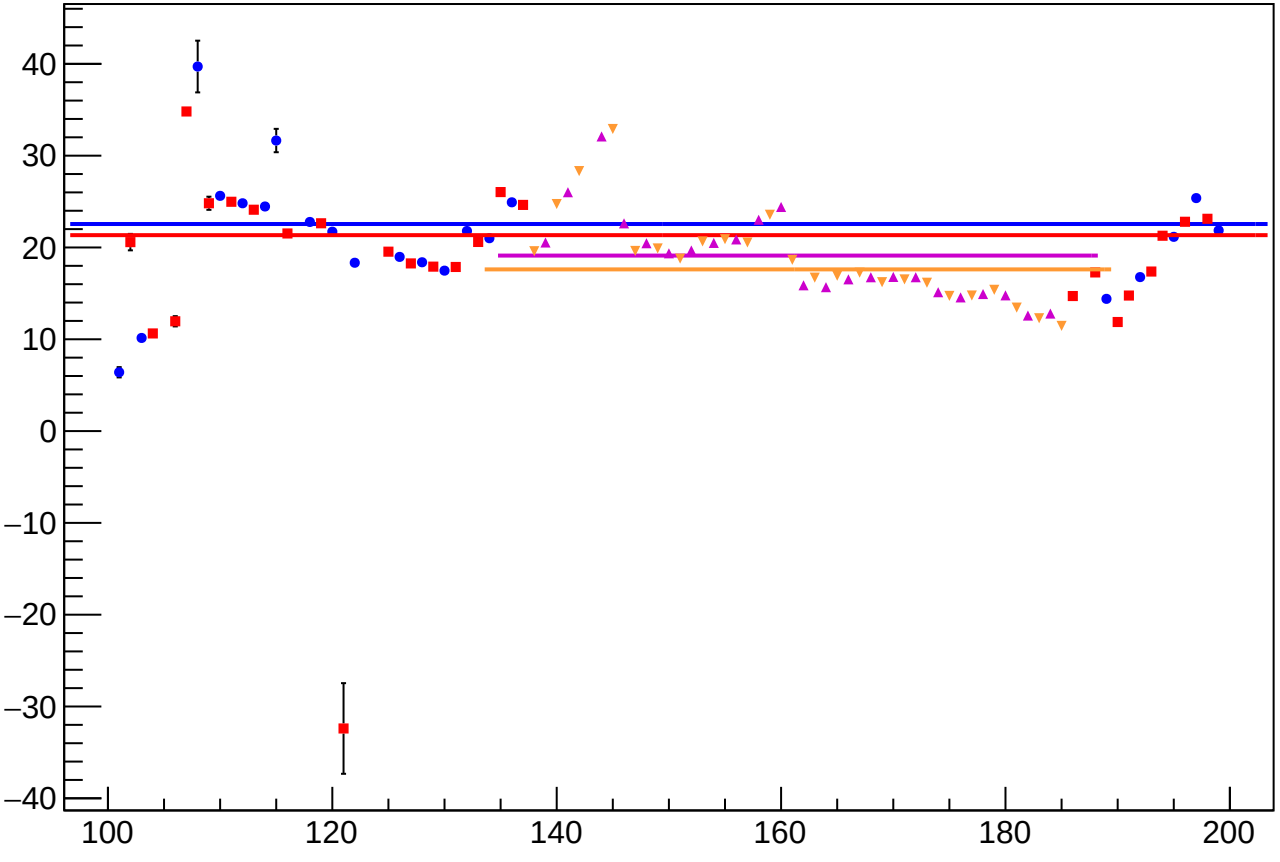
Right: -1.492+/-0.013 χ^2/NDF: 67304.4/45

In: 0.416+/-0.005 χ^2/NDF:379990.8/43

Out: 0.653+/-0.006 χ^2/NDF:300114.5/48

All: 0.512+/-0.004 χ^2/NDF: 681075.8/92

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.555+/-0.018 χ^2/NDF: 25536.4/20

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.342+/-0.020 χ^2/NDF: 28435.0/24

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

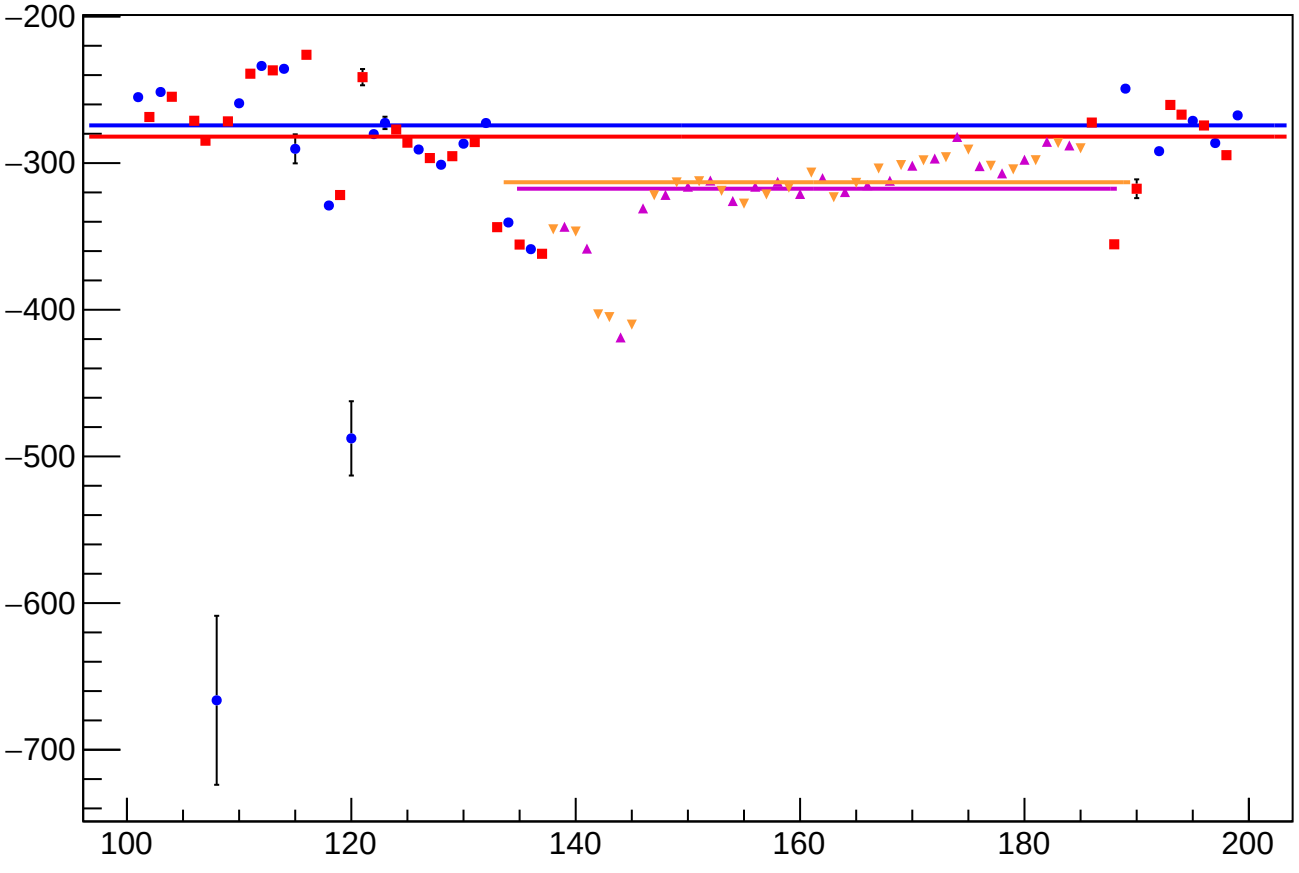
Right: 21.996+/-0.013 χ^2/NDF: 56041.6/45

In: 19.575+/-0.007 χ^2/NDF:286148.2/43

Out: 18.049+/-0.007 χ^2/NDF:238936.1/48

All: 18.823+/-0.005 χ^2/NDF: 551392.1/92

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -274.290+/-0.128 χ^2/NDF: 59510.5/21

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -281.951+/-0.109 χ^2/NDF: 64430.2/24

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

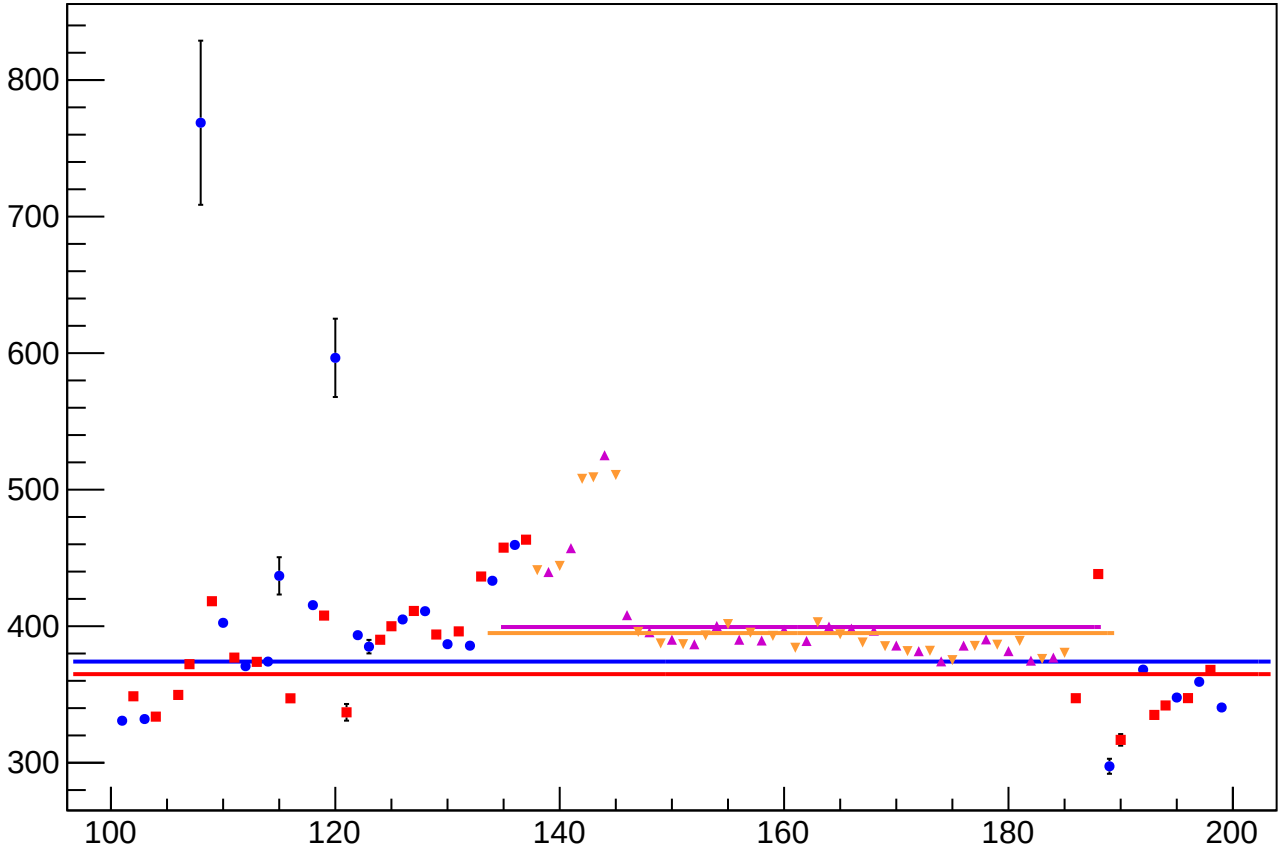
Right: -278.749+/-0.083 χ^2/NDF: 126013.2/46

In: -302.149+/-0.076 χ^2/NDF:195561.4/44

Out: -299.463+/-0.072 χ^2/NDF:164856.3/49

All: -300.724+/-0.052 χ^2/NDF: 361072.1/94

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 58146.9/21

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 364.896+/-0.110 χ^2/NDF: 89736.5/24

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

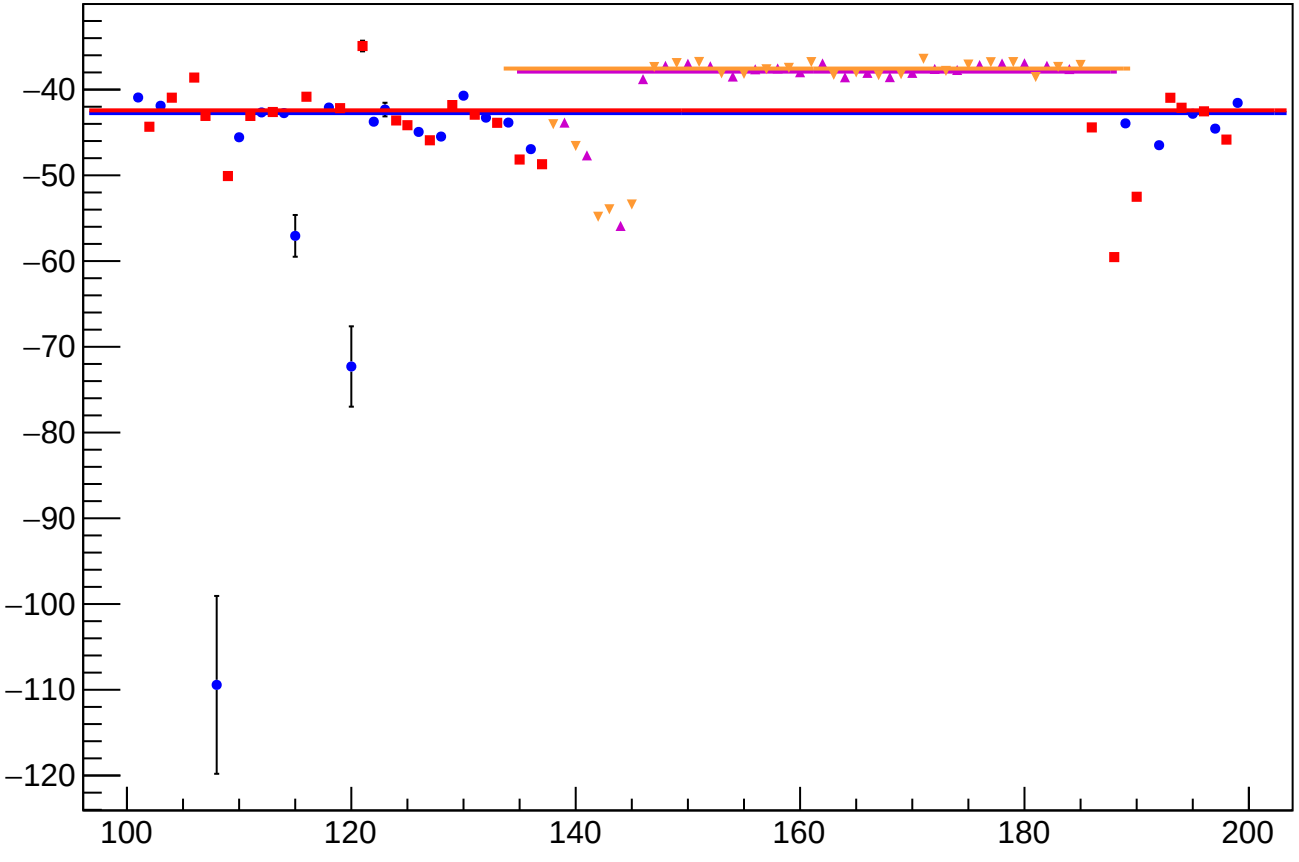
Right: 374.094+/-0.000 χ^2/NDF: 154919.8/46

In: 374.094+/-0.000 χ^2/NDF:203660.9/44

Out: 381.917+/-0.072 χ^2/NDF:200388.9/49

All: 374.094+/-0.000 χ^2/NDF: 415780.7/94

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 15419.0/21

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.421+/-0.013 χ^2/NDF: 24720.9/24

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

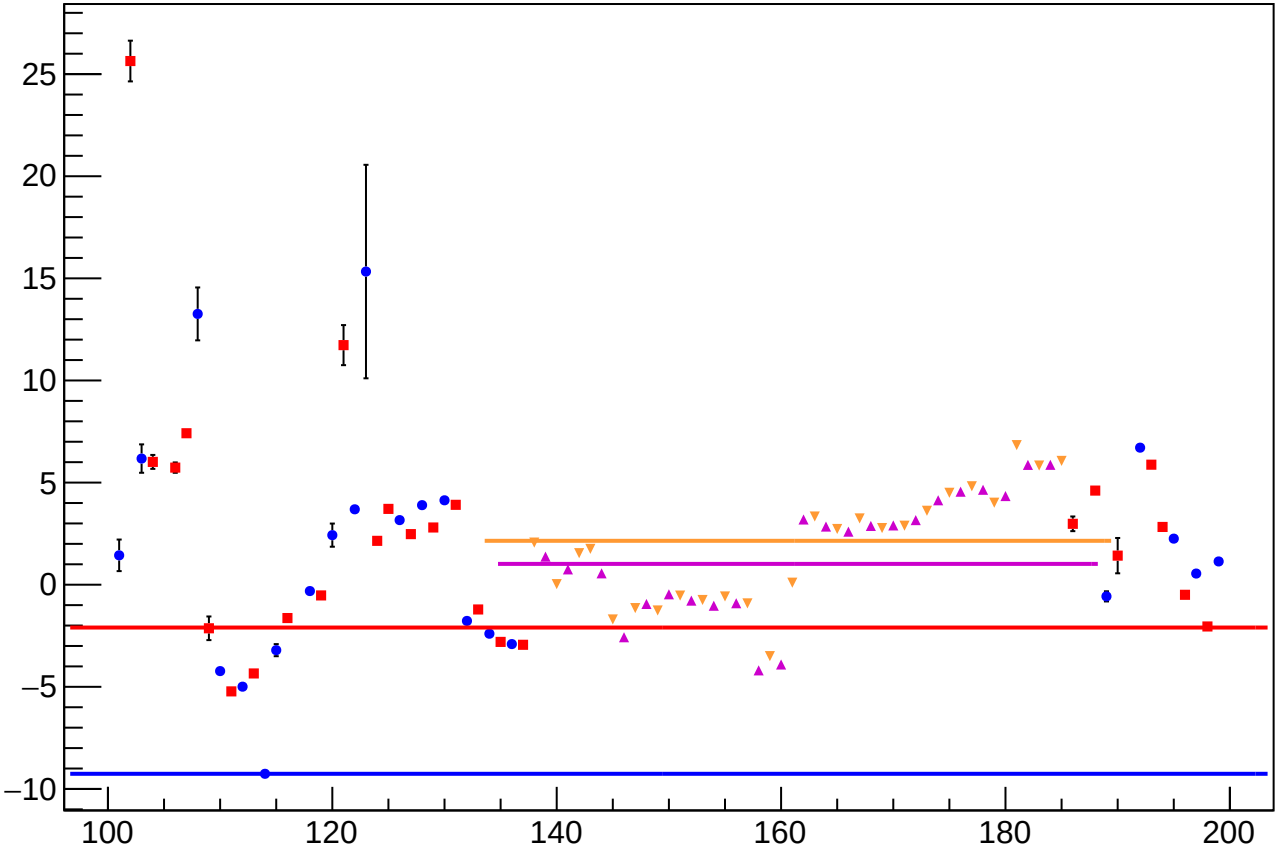
Right: -42.744+/-0.000 χ^2/NDF: 40724.0/46

In: -42.744+/-0.000 χ^2/NDF:1534273.3/44

Out: -37.918+/-0.004 χ^2/NDF:414794.1/49

All: -42.744+/-0.000 χ^2/NDF: 3662257.9/94

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 449476.6/21

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.097+/-0.008 χ^2/NDF: 69170.2/24

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

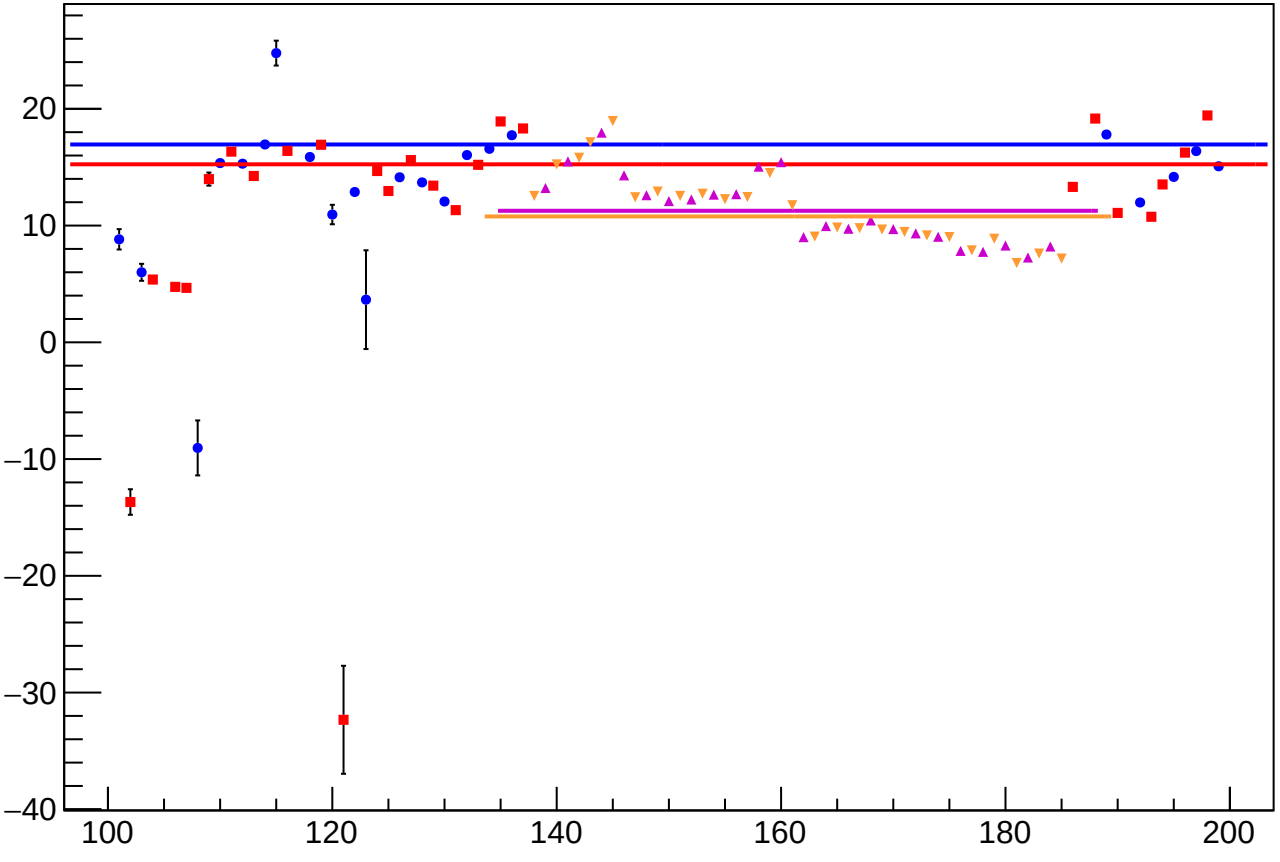
Right: -9.259+/-0.000 χ^2/NDF: 1416508.0/46

In: -9.259+/-0.000 χ^2/NDF:3947546.4/44

Out: 0.896+/-0.004 χ^2/NDF:582469.3/49

All: -9.259+/-0.000 χ^2/NDF: 10648175.4/94

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 12984.9/21

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.247+/-0.015 χ^2/NDF: 33896.0/24

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

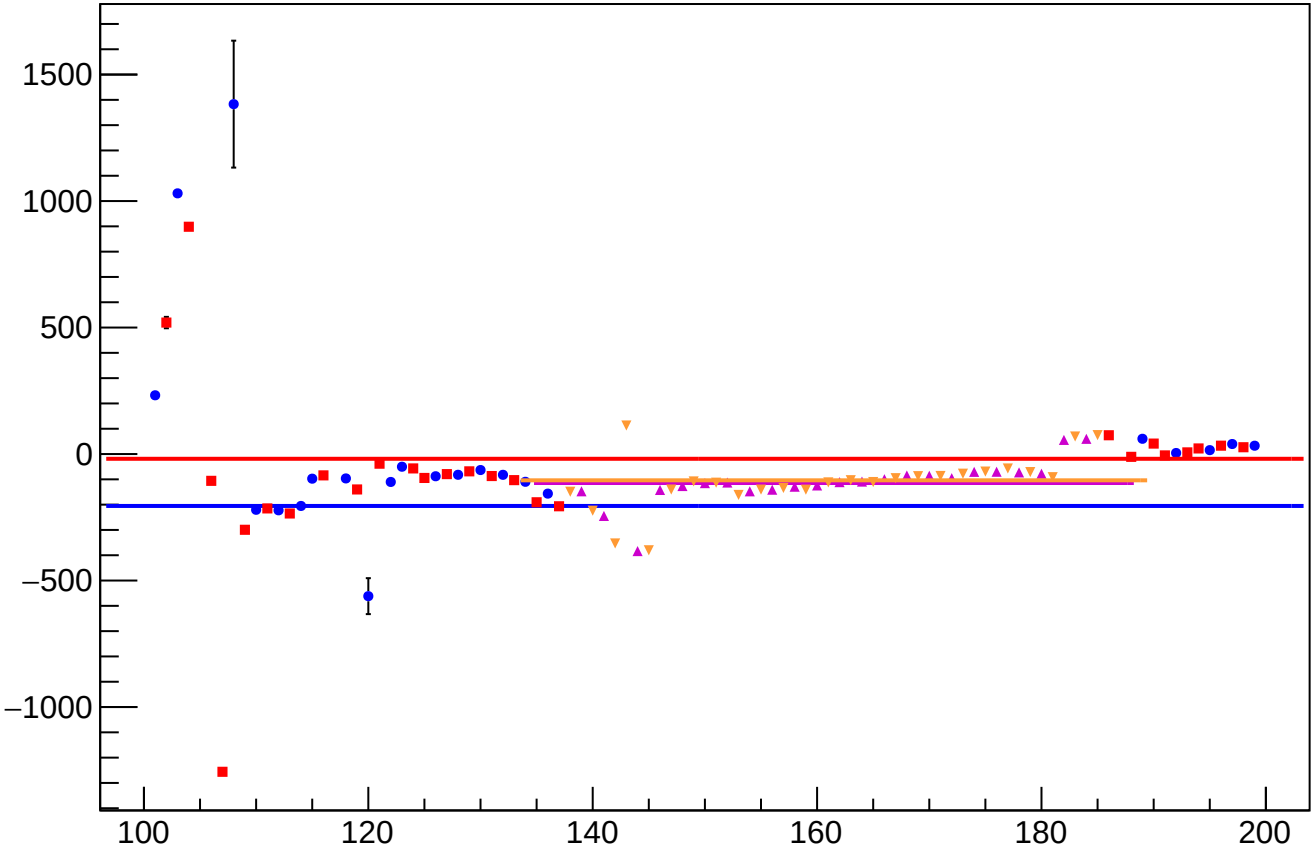
Right: 16.947+/-0.000 χ^2/NDF: 59658.5/46

In: 16.947+/-0.000 χ^2/NDF:636086.1/44

Out: 11.516+/-0.006 χ^2/NDF:237056.1/49

All: 16.947+/-0.000 χ^2/NDF: 1667116.0/94

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 1628241.4/21

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -18.749+/-0.225 χ^2/NDF: 169901.7/25

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

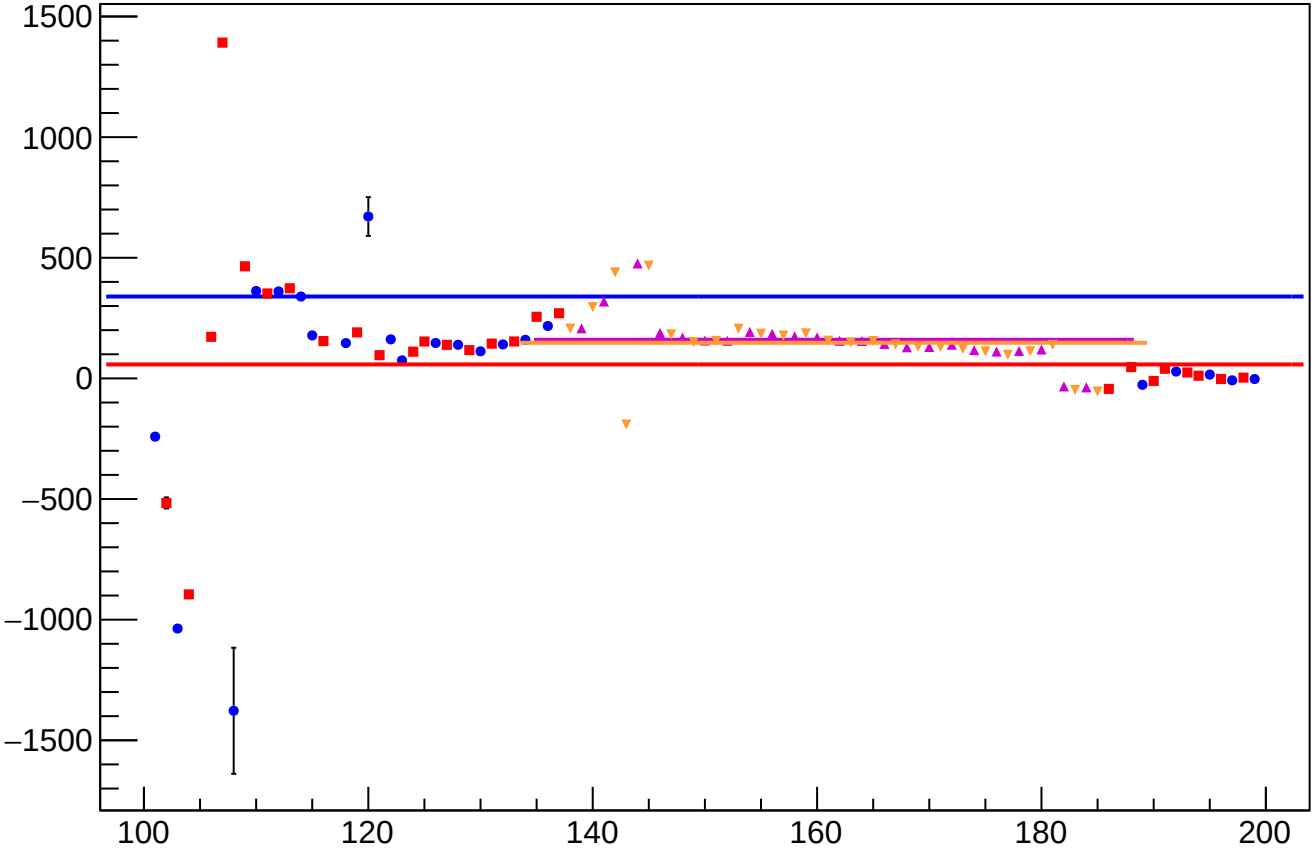
Right: -205.160+/-0.000 χ^2/NDF: 2487456.4/47

In: -205.160+/-0.000 χ^2/NDF:1867960.7/44

Out: -67.967+/-0.146 χ^2/NDF:347733.7/50

All: -205.160+/-0.000 χ^2/NDF: 3101297.5/95

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1834194.8/21

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 57.863+/-0.220 χ^2/NDF: 258046.9/25

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

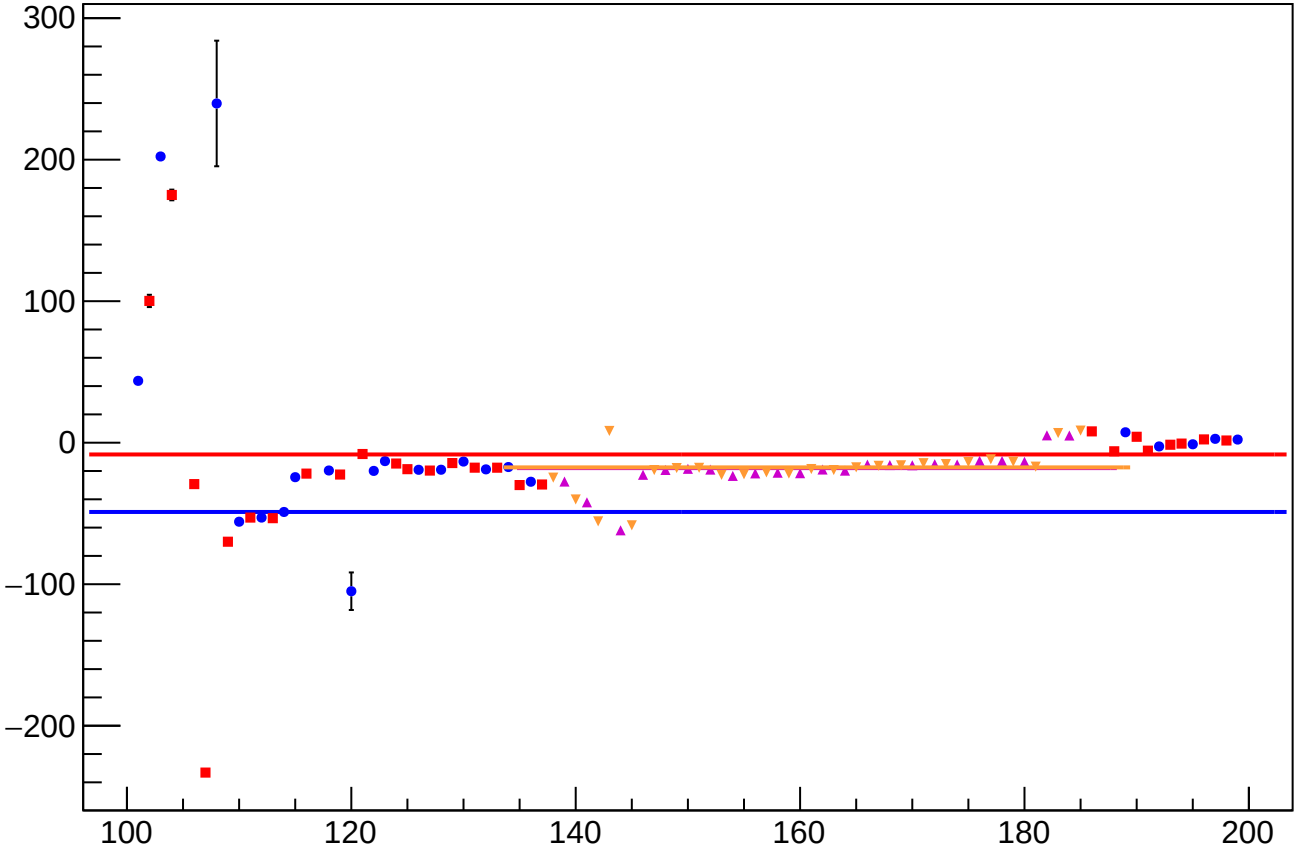
Right: 339.325+/-0.000 χ^2/NDF: 3726030.1/47

In: 339.325+/-0.000 χ^2/NDF:2527112.8/44

Out: 107.992+/-0.146 χ^2/NDF:485276.6/50

All: 339.325+/-0.000 χ^2/NDF: 5506854.5/95

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 6956203.2/21

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -8.310+/-0.029 χ^2/NDF: 371090.3/25

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

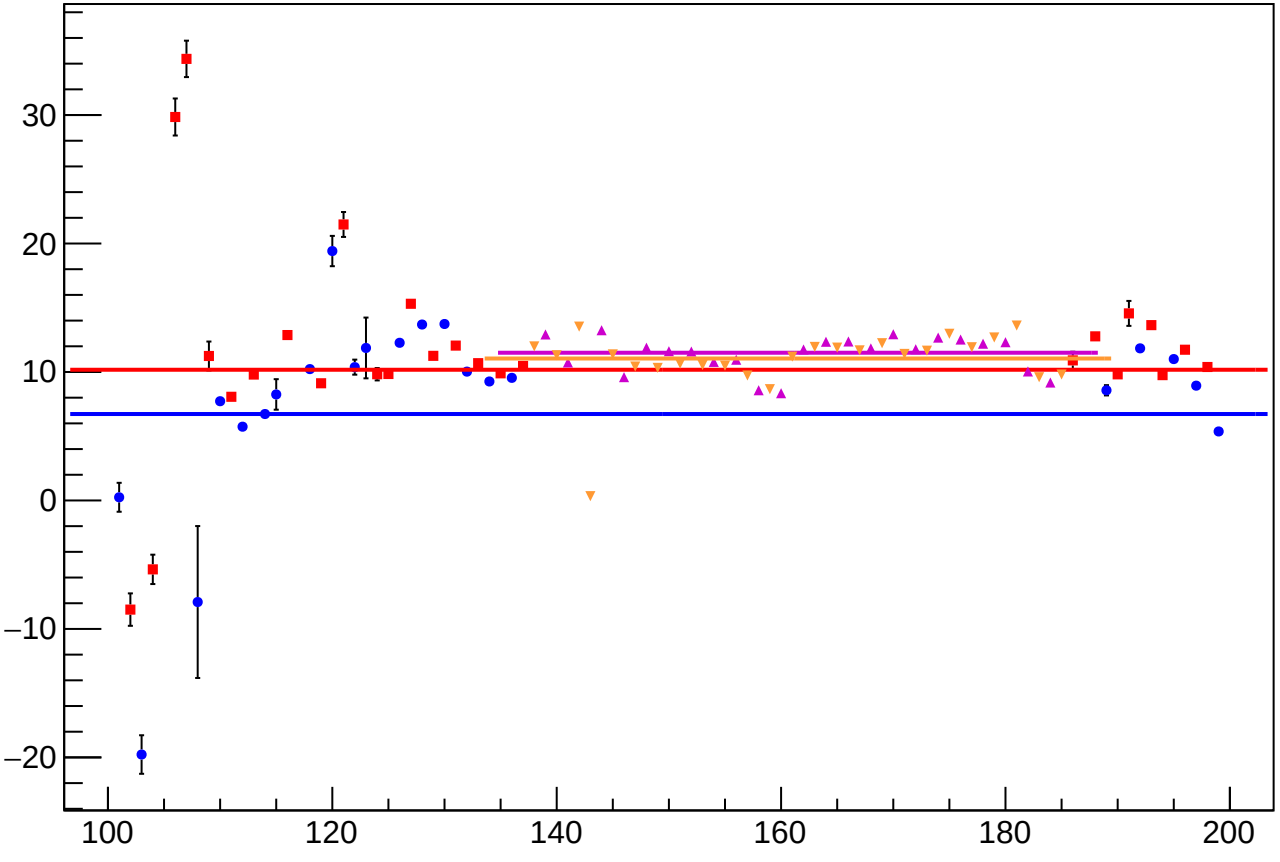
Right: -48.945+/-0.000 χ^2/NDF: 9281088.8/47

In: -48.945+/-0.000 χ^2/NDF:13594937.3/44

Out: -16.478+/-0.009 χ^2/NDF:1173417.3/50

All: -48.945+/-0.000 χ^2/NDF: 26537306.3/95

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 15017.1/21

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.174+/-0.033 χ^2/NDF: 6113.1/25

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

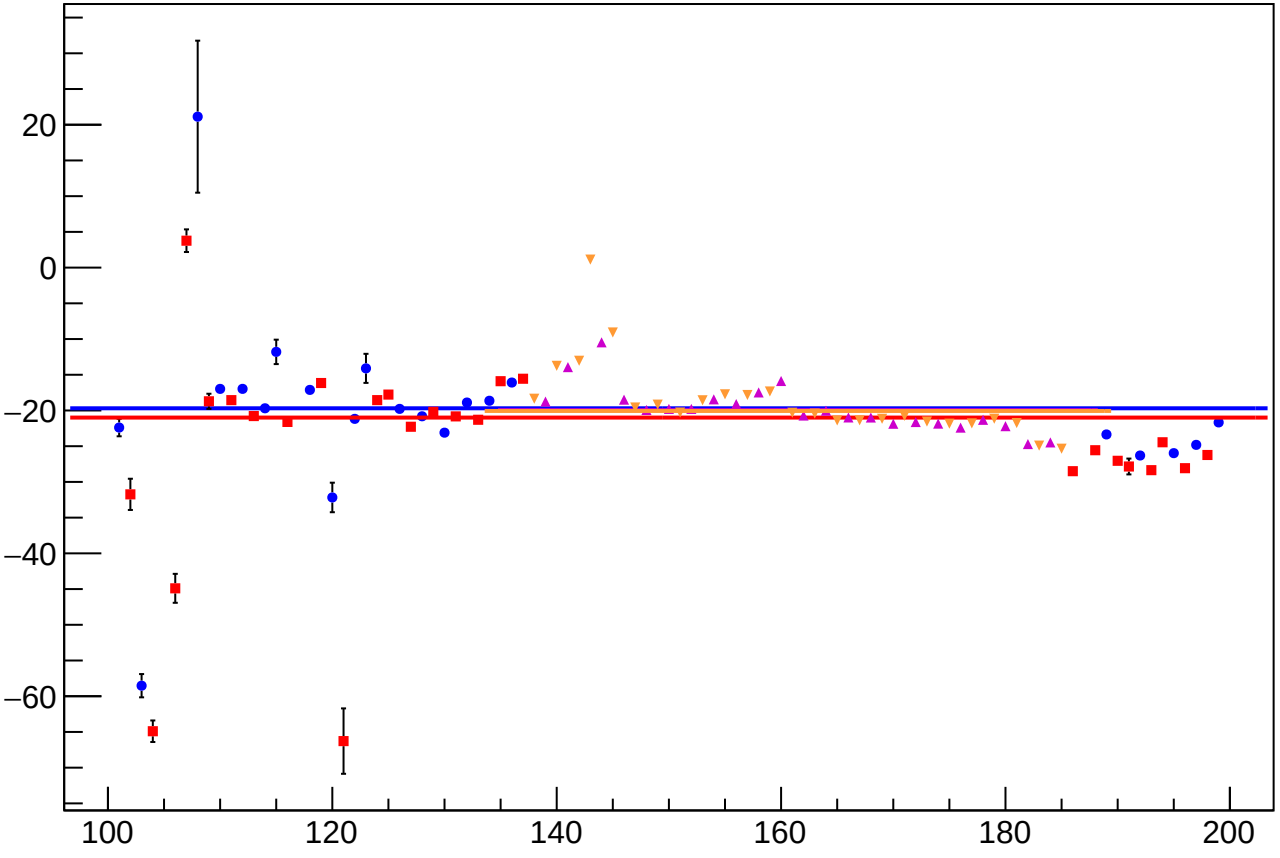
Right: 6.728+/-0.000 χ^2/NDF: 31855.7/47

In: 6.728+/-0.000 χ^2/NDF:240072.5/44

Out: 10.945+/-0.011 χ^2/NDF:38341.3/50

All: 6.728+/-0.000 χ^2/NDF: 412984.4/95

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 10112.3/21

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -20.994+/-0.044 χ^2/NDF: 7474.1/25

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

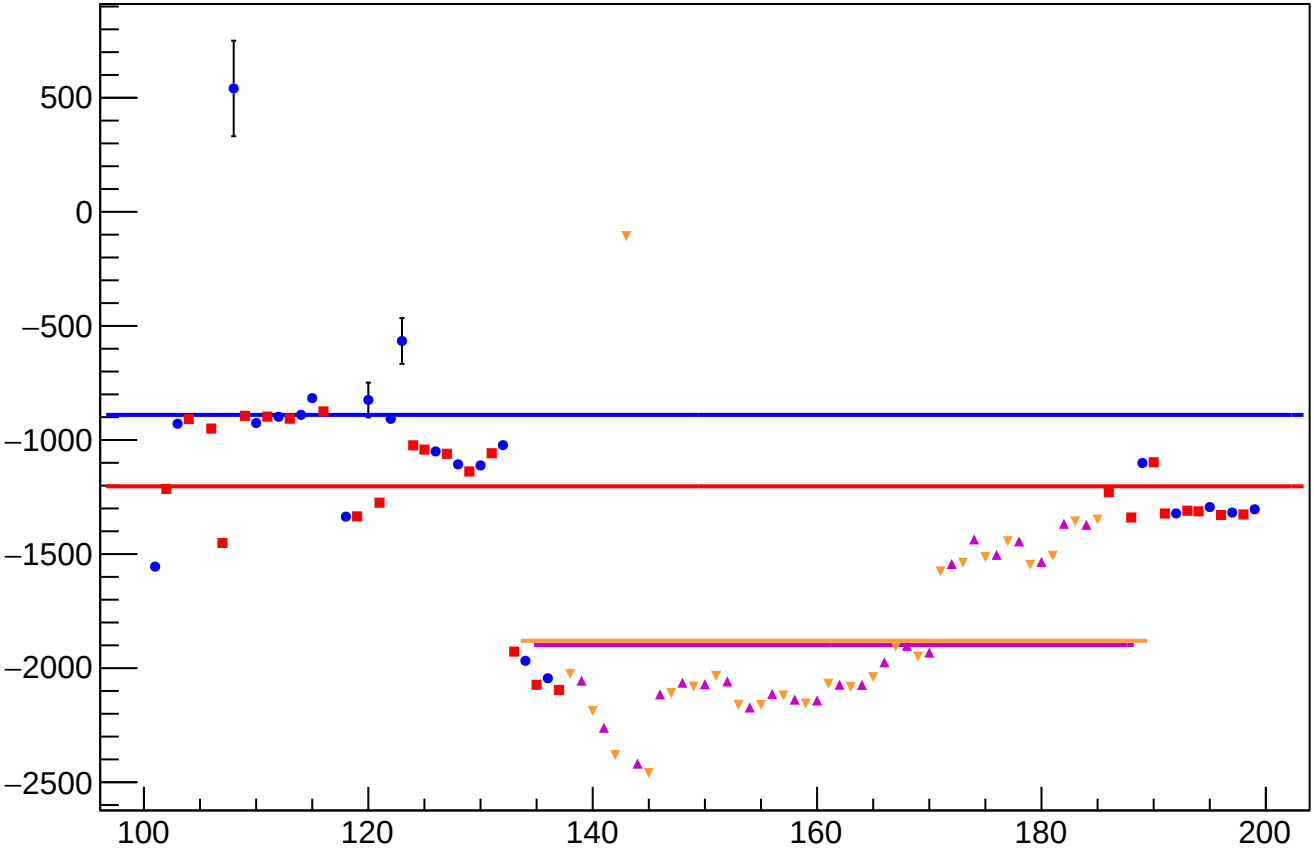
Right: -19.693+/-0.000 χ^2/NDF: 18480.1/47

In: -19.693+/-0.000 χ^2/NDF:33070.9/44

Out: -20.150+/-0.013 χ^2/NDF:79354.2/50

All: -19.693+/-0.000 χ^2/NDF: 113626.5/95

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 1650219.2/21

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1202.973+/-0.229 χ^2/NDF: 945554.6/25

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

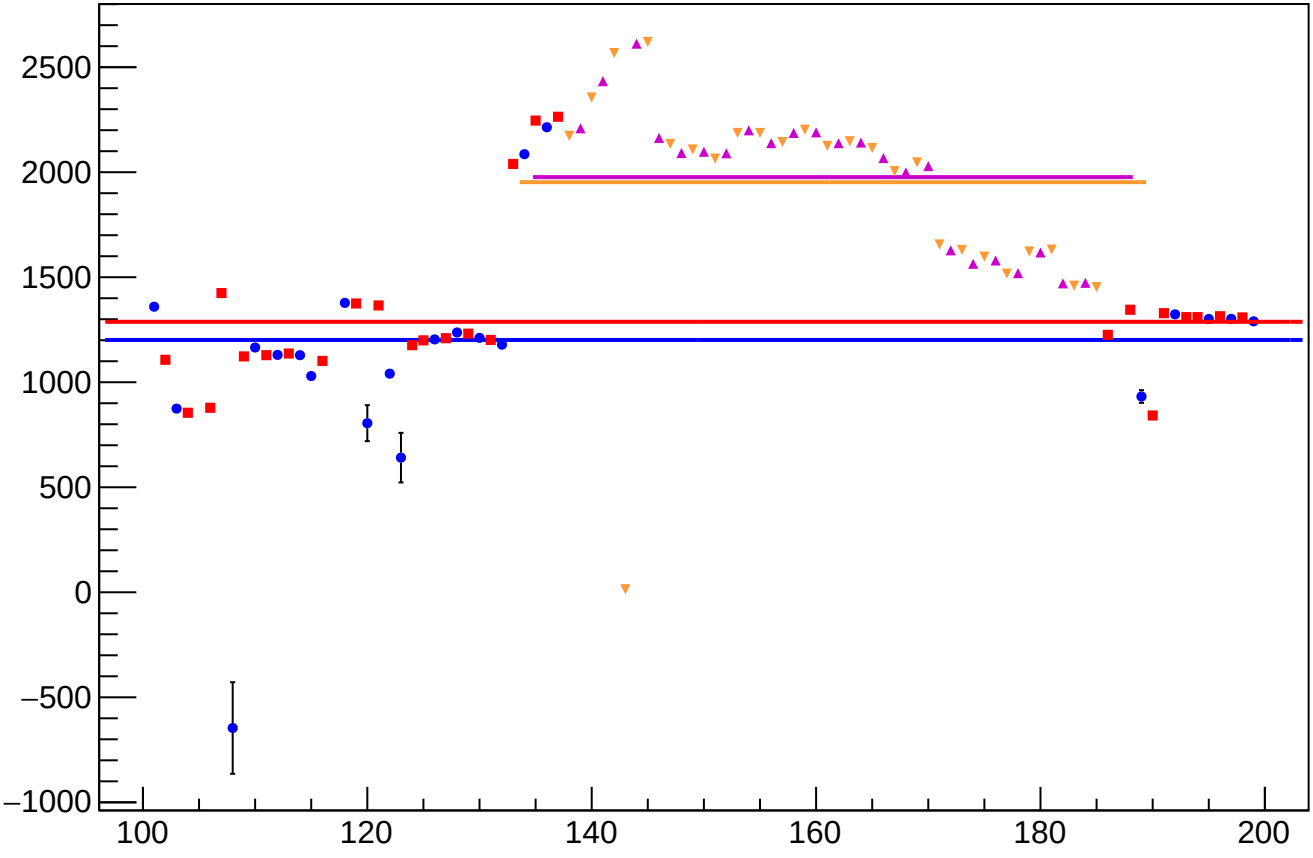
Right: -889.928+/-0.000 χ^2/NDF: 4461531.6/47

In: -889.928+/-0.000 χ^2/NDF:10037021.8/44

Out: -1403.821+/-0.192 χ^2/NDF:4408385.4/50

All: -889.928+/-0.000 χ^2/NDF: 21593348.6/9

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1201.337+/-0.214 χ^2/NDF: 573546.5/21

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1287.819+/-0.233 χ^2/NDF: 533969.4/25

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

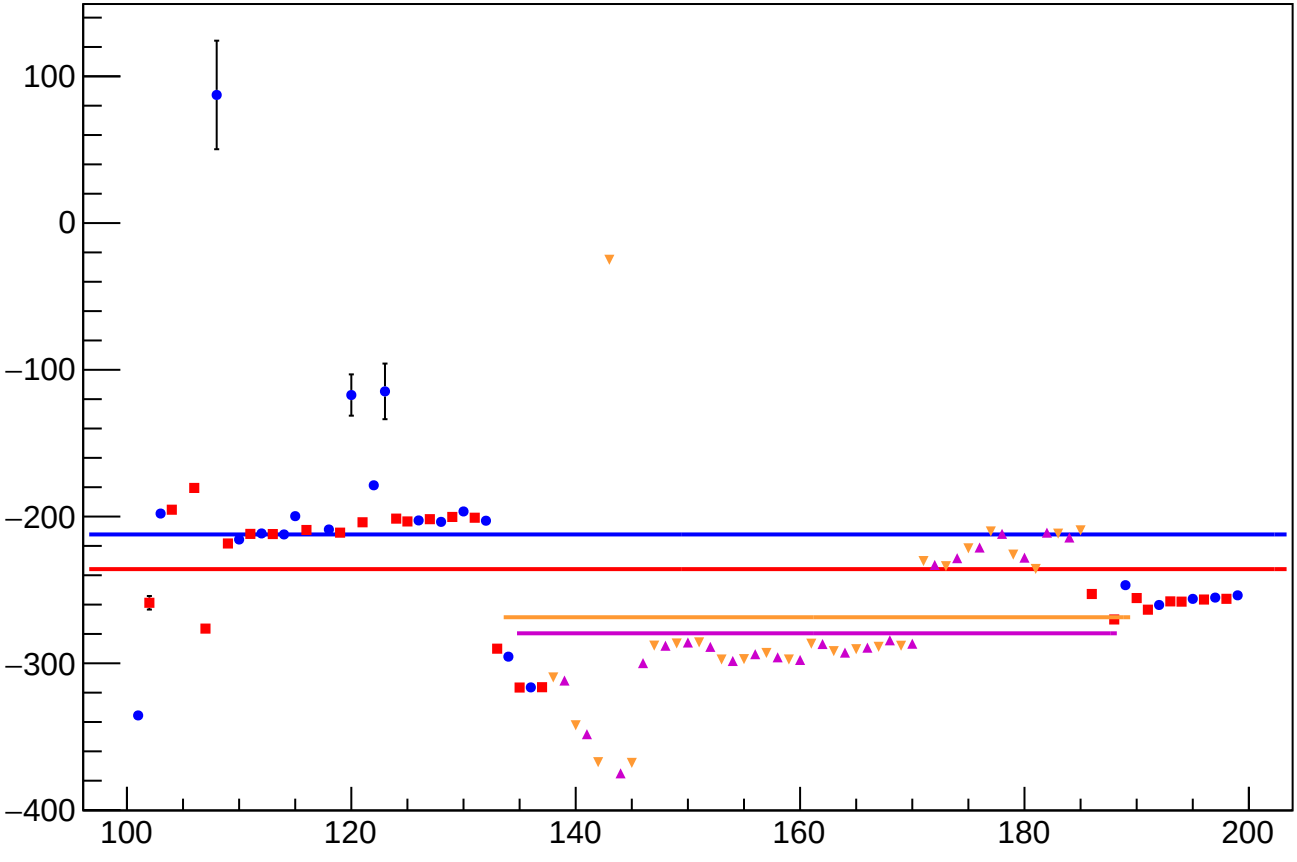
Right: 1241.035+/-0.158 χ^2/NDF: 1182199.9/47

In: 1398.410+/-0.185 χ^2/NDF:4522850.5/44

Out: 1488.499+/-0.194 χ^2/NDF:3817156.7/50

All: 1441.243+/-0.134 χ^2/NDF: 8452561.3/95

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1707615.1/21

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -235.820+/-0.030 χ^2/NDF: 884277.9/25

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

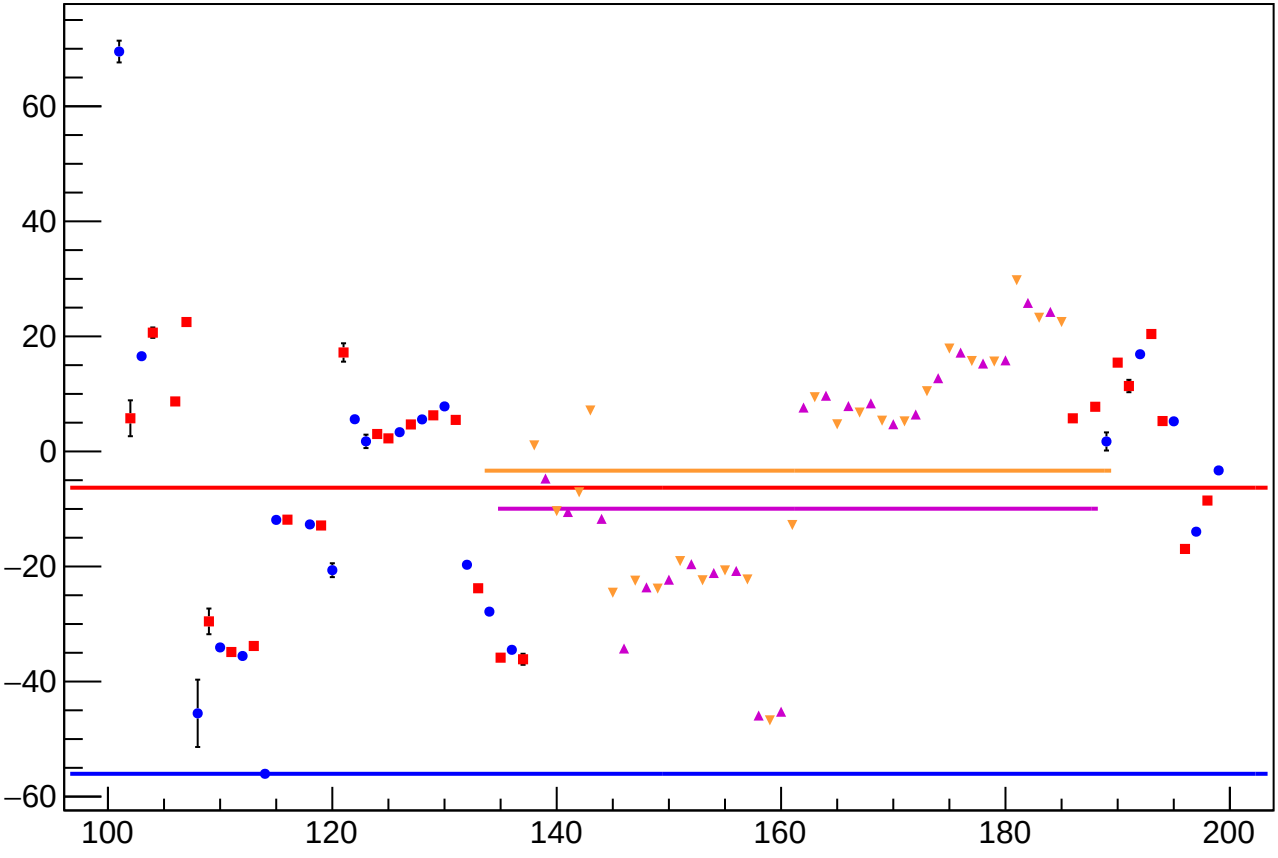
Right: -212.190+/-0.000 χ^2/NDF: 3232630.8/47

In: -212.190+/-0.000 χ^2/NDF:13677442.9/44

Out: -256.879+/-0.018 χ^2/NDF:8718322.1/50

All: -212.190+/-0.000 χ^2/NDF: 28800485.8/9

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1733416.6/21

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.304+/-0.039 χ^2/NDF: 188614.3/25

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

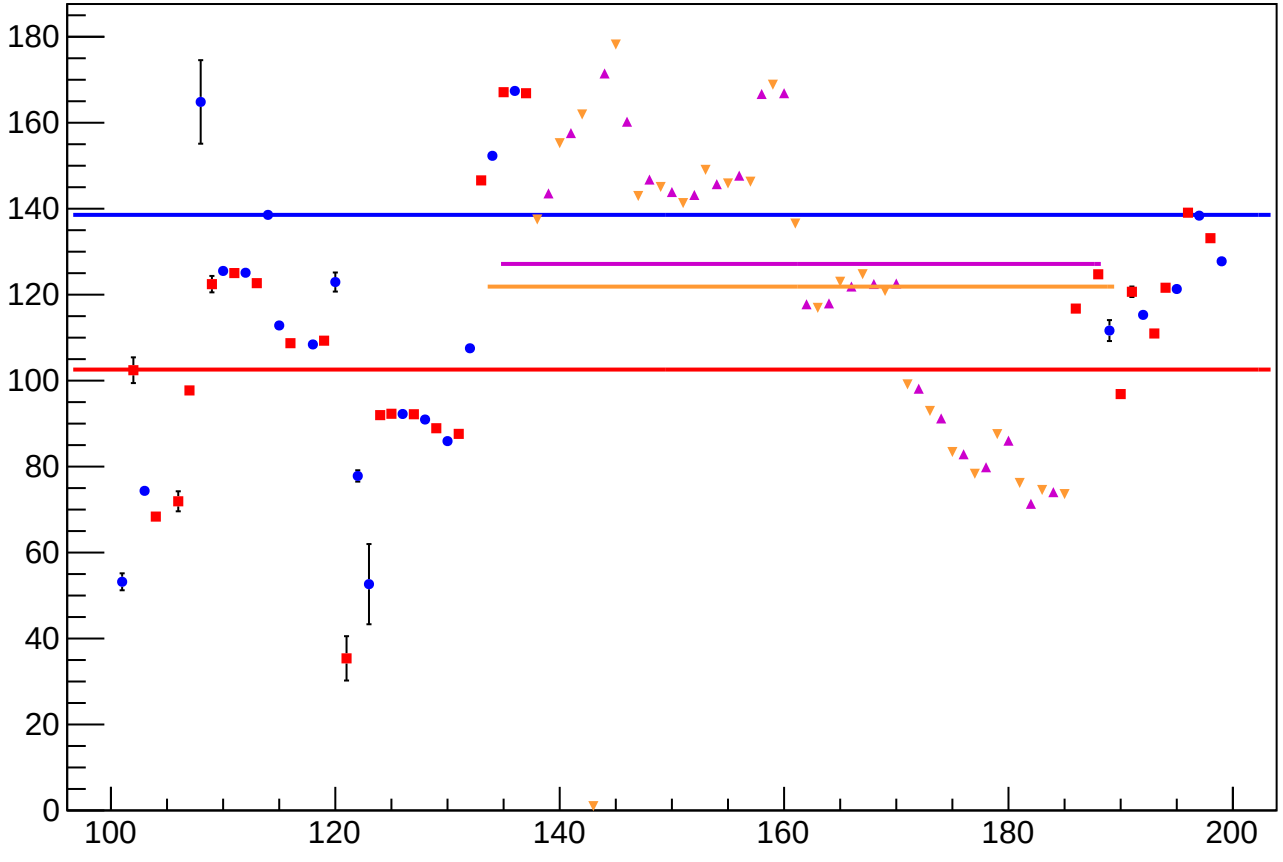
Right: -56.037+/-0.000 χ^2/NDF: 3509458.3/47

In: -56.037+/-0.000 χ^2/NDF:9647613.8/44

Out: -3.832+/-0.016 χ^2/NDF:1593061.6/50

All: -56.037+/-0.000 χ^2/NDF: 21811221.4/95

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 913047.1/21

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 102.575+/-0.032 χ^2/NDF: 350931.6/25

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

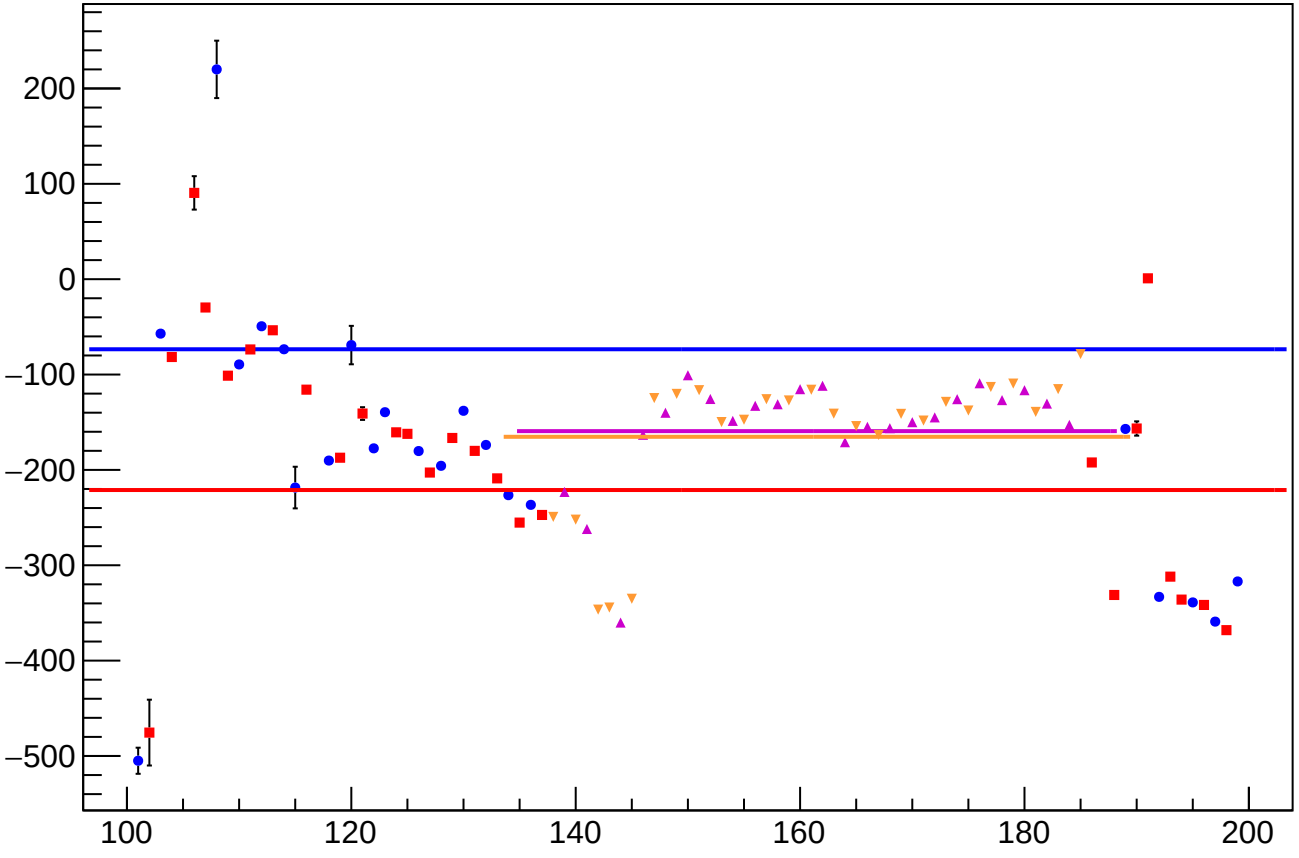
Right: 138.565+/-0.000 χ^2/NDF: 2536312.7/47

In: 138.565+/-0.000 χ^2/NDF:2443496.3/44

Out: 114.789+/-0.019 χ^2/NDF:2199868.7/50

All: 138.565+/-0.000 χ^2/NDF: 6155883.1/95

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 312587.1/21

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -221.108+/-0.263 χ^2/NDF: 183104.3/25

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

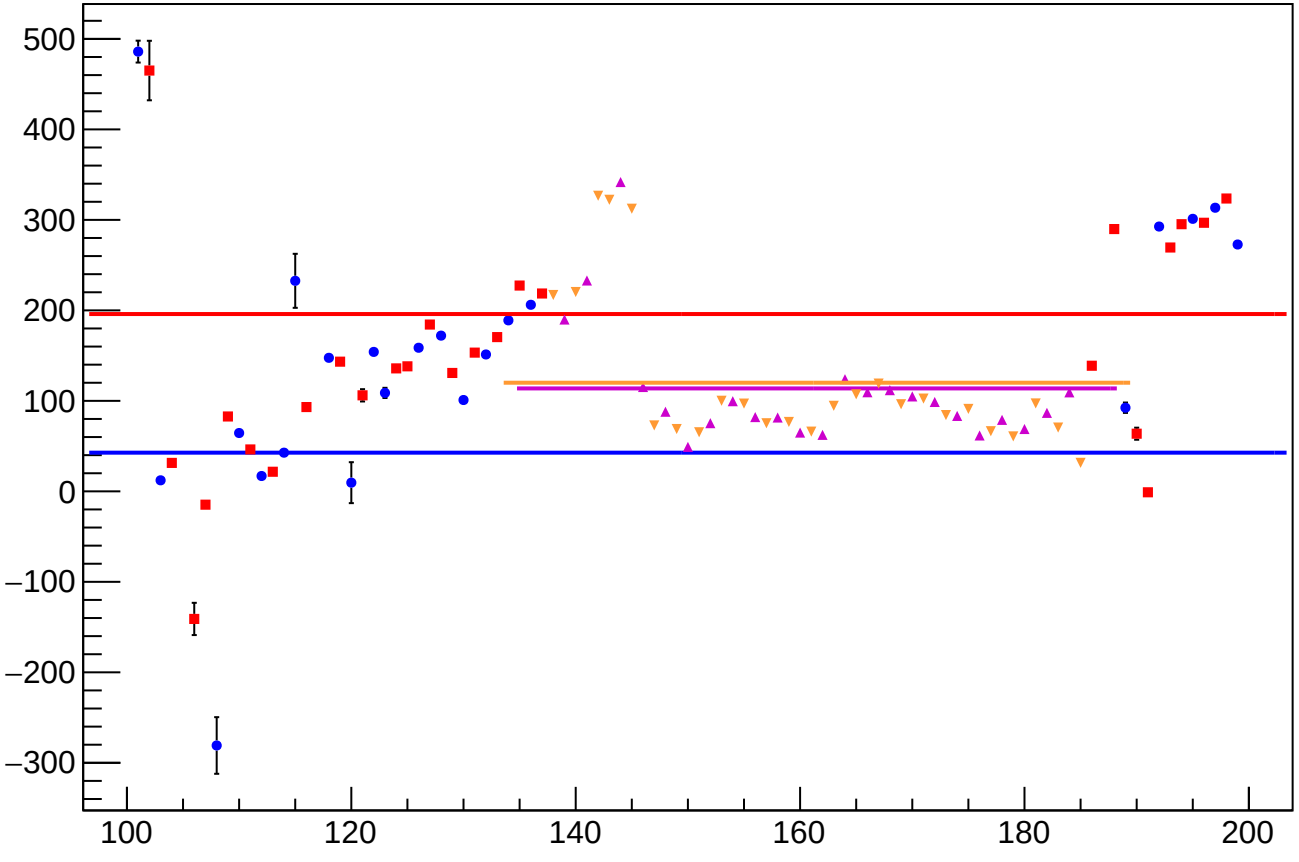
Right: -73.485+/-0.000 χ^2/NDF: 811266.6/47

In: -73.485+/-0.000 χ^2/NDF:515378.4/44

Out: -189.703+/-0.174 χ^2/NDF:292793.4/50

All: -73.485+/-0.000 χ^2/NDF: 1255274.1/95

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 283829.8/21

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 195.943+/-0.277 χ^2/NDF: 150120.8/25

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

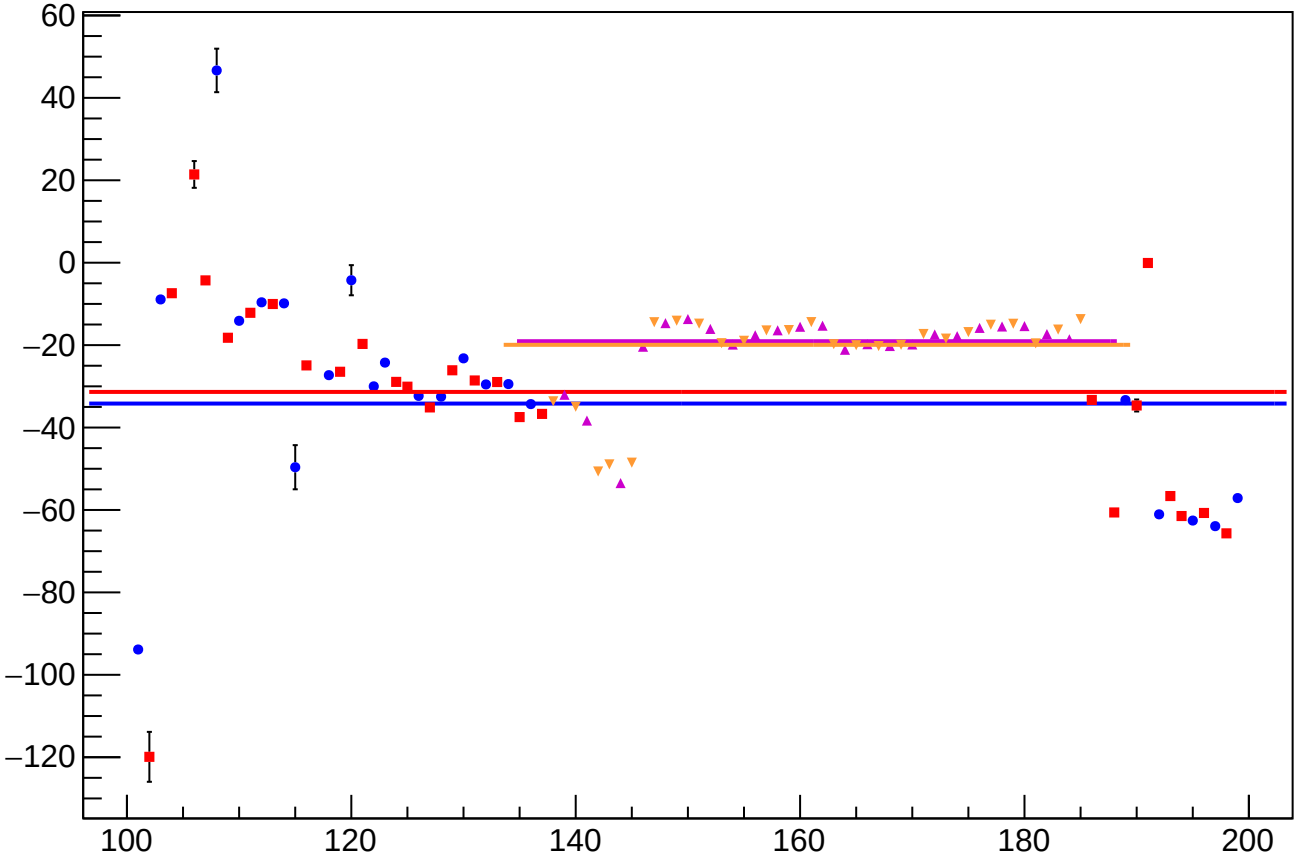
Right: 42.743+/-0.000 χ^2/NDF: 740581.6/47

In: 42.743+/-0.000 χ^2/NDF:448779.3/44

Out: 152.169+/-0.180 χ^2/NDF:291448.5/50

All: 42.743+/-0.000 χ^2/NDF: 1109889.1/95

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -34.180+/-0.031 χ^2/NDF: 183833.2/21

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -31.354+/-0.030 χ^2/NDF: 494555.3/25

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

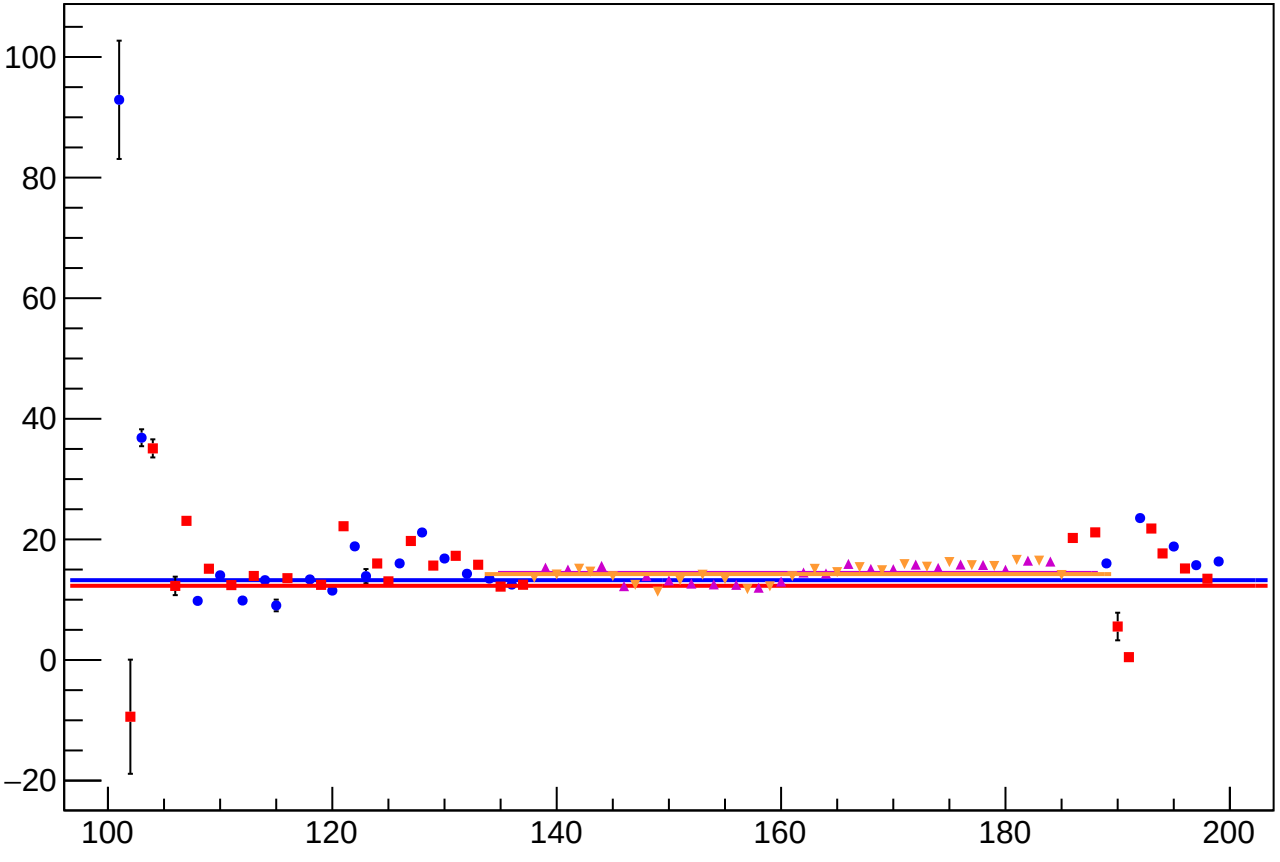
Right: -32.713+/-0.022 χ^2/NDF: 682603.0/47

In: -21.546+/-0.013 χ^2/NDF:593008.5/44

Out: -21.545+/-0.011 χ^2/NDF:992552.6/50

All: -21.545+/-0.008 χ^2/NDF: 1585561.1/95

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 8003.7/21

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.308+/-0.039 χ^2/NDF: 24670.9/25

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

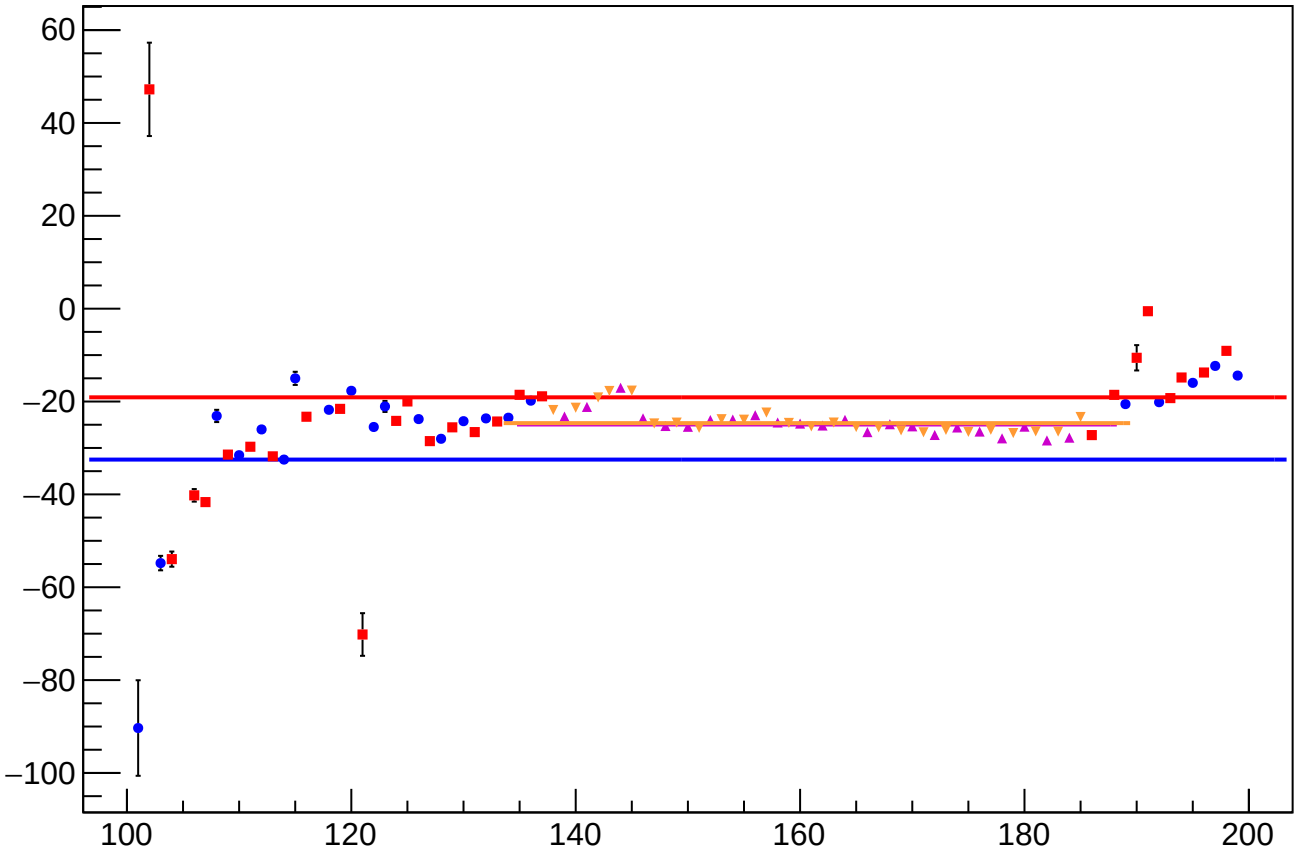
Right: 13.238+/-0.000 χ^2/NDF: 33248.8/47

In: 13.238+/-0.000 χ^2/NDF:31625.4/44

Out: 14.077+/-0.011 χ^2/NDF:39314.9/50

All: 13.238+/-0.000 χ^2/NDF: 76307.8/95

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 88105.8/21

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -19.095+/-0.039 χ^2/NDF: 65497.1/25

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

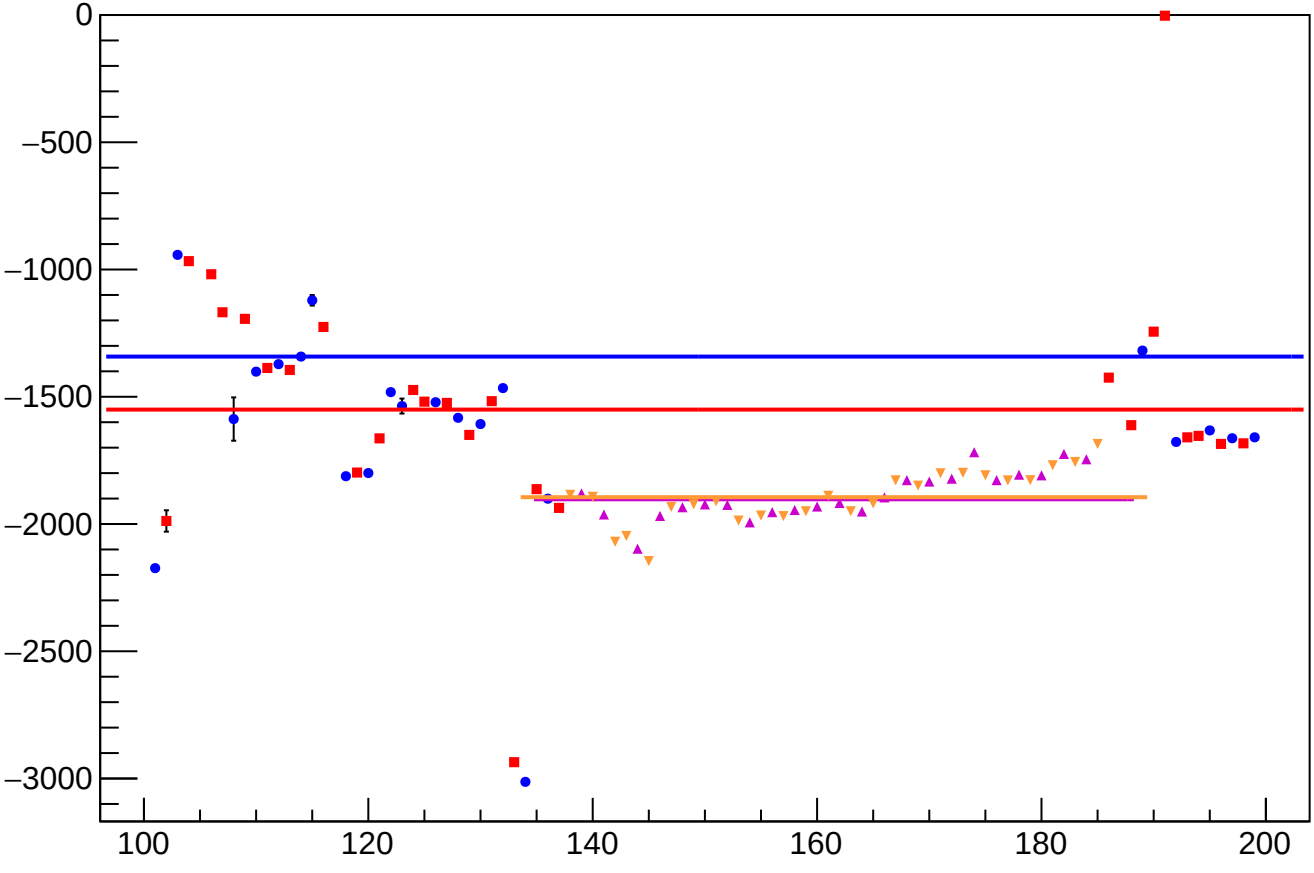
Right: -32.504+/-0.000 χ^2/NDF: 270606.6/47

In: -32.504+/-0.000 χ^2/NDF:350056.7/44

Out: -23.945+/-0.014 χ^2/NDF:106093.7/50

All: -32.504+/-0.000 χ^2/NDF: 830945.5/95

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 817570.3/21

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1550.370+/-0.248 χ^2/NDF: 1975645.3/25

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

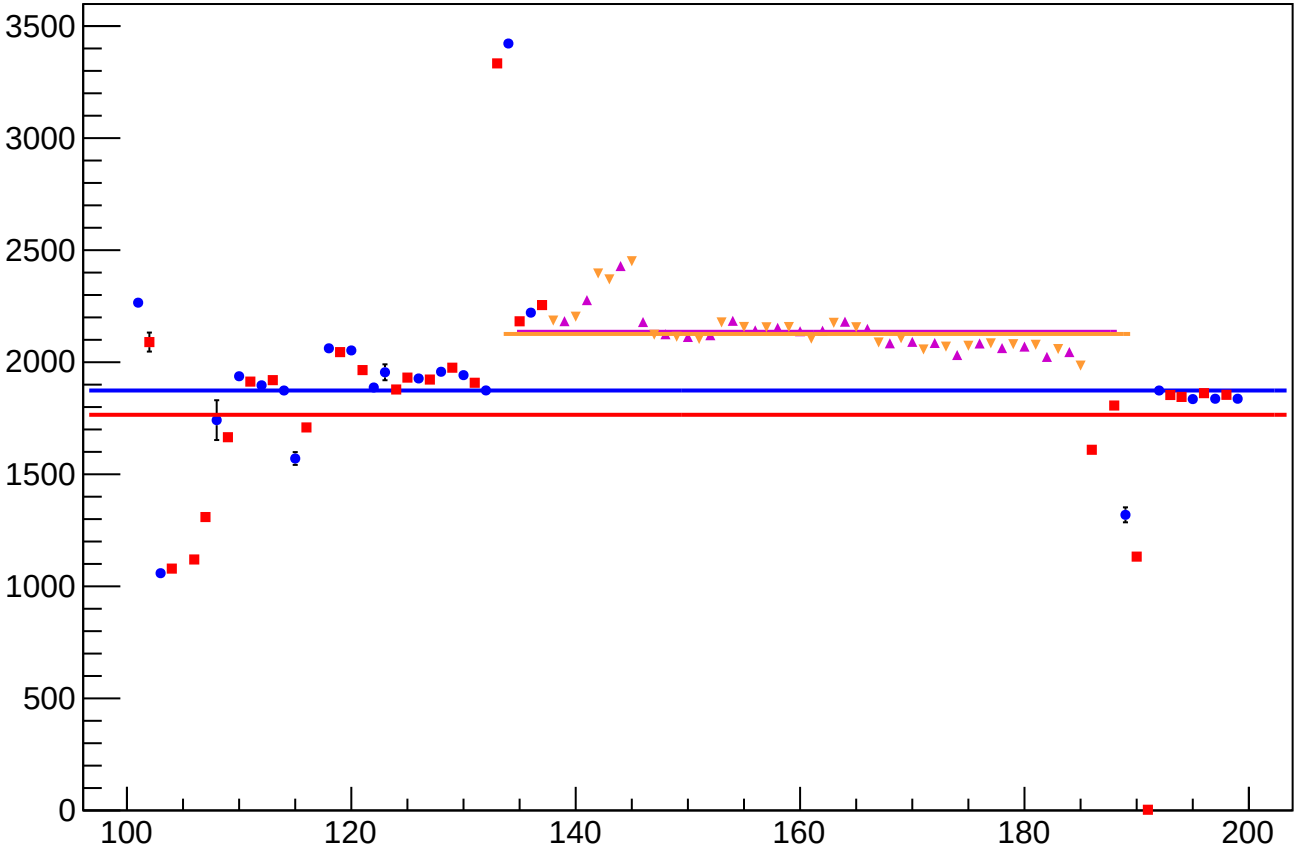
Right: -1342.107+/-0.000 χ^2/NDF: 3497487.4/47

In: -1342.107+/-0.000 χ^2/NDF:4656865.6/44

Out: -1680.793+/-0.196 χ^2/NDF:2772117.9/50

All: -1342.107+/-0.000 χ^2/NDF: 10427466.9/

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 205919.1/21

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1765.456+/-0.246 χ^2/NDF: 3344047.5/25

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

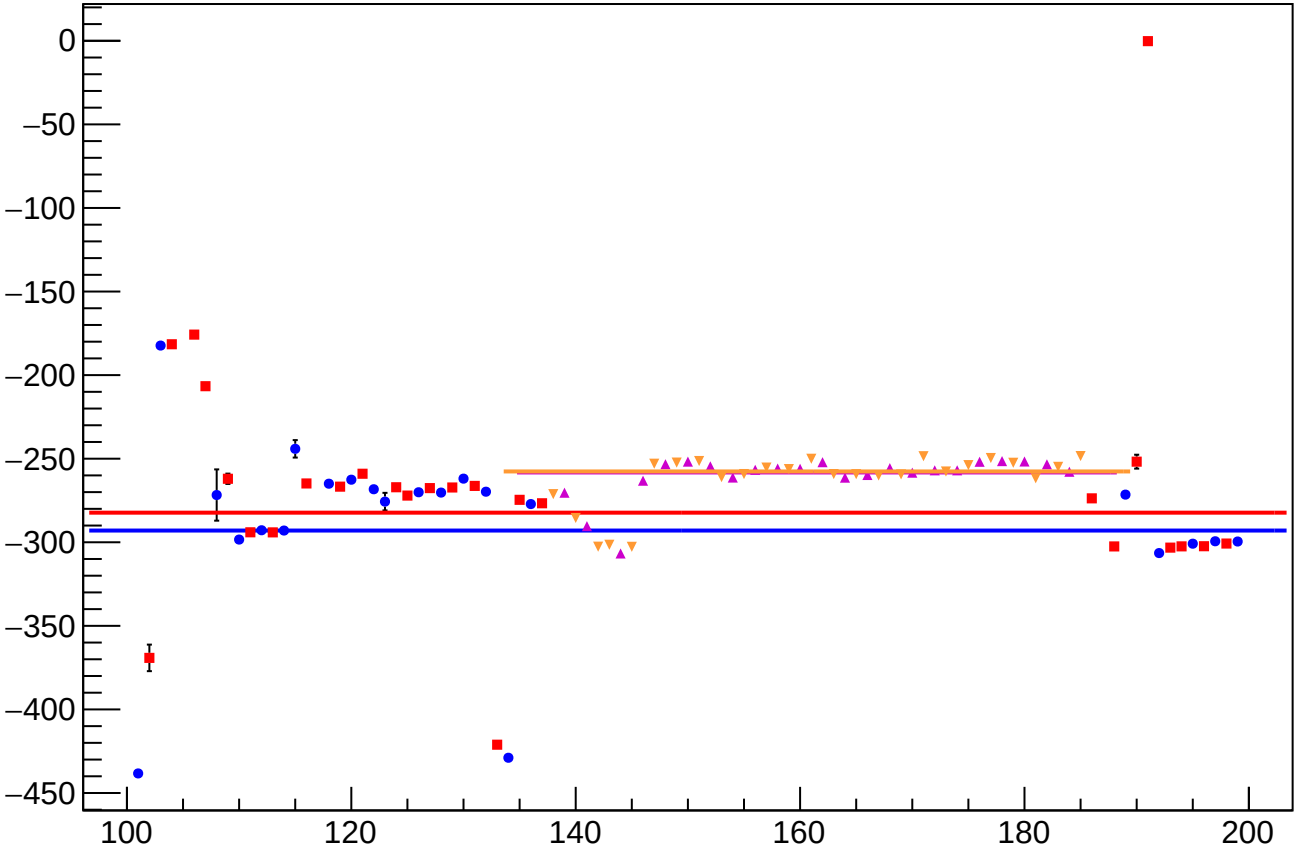
Right: 1873.852+/-0.000 χ^2/NDF: 3744024.5/47

In: 1873.852+/-0.000 χ^2/NDF:1082396.9/44

Out: 1900.924+/-0.194 χ^2/NDF:4199332.1/50

All: 1873.852+/-0.000 χ^2/NDF: 5301114.0/95

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1058945.0/21

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -282.290+/-0.033 χ^2/NDF: 1968029.0/25

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

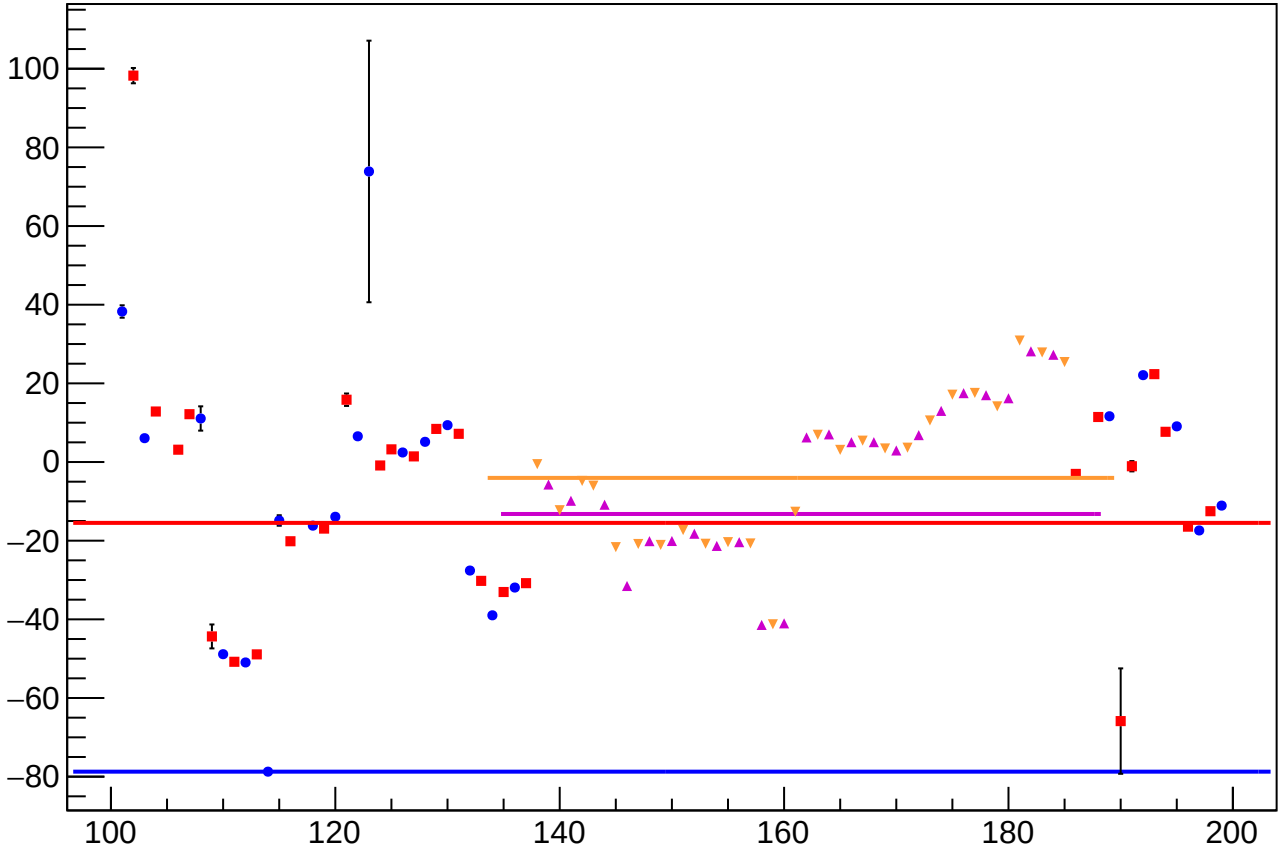
Right: -292.986+/-0.000 χ^2/NDF: 3130079.6/47

In: -292.986+/-0.000 χ^2/NDF:5273779.9/44

Out: -264.096+/-0.017 χ^2/NDF:2599247.5/50

All: -292.986+/-0.000 χ^2/NDF: 10741842.3/9

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1650174.7/21

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -15.475+/-0.064 χ^2/NDF: 99206.1/25

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

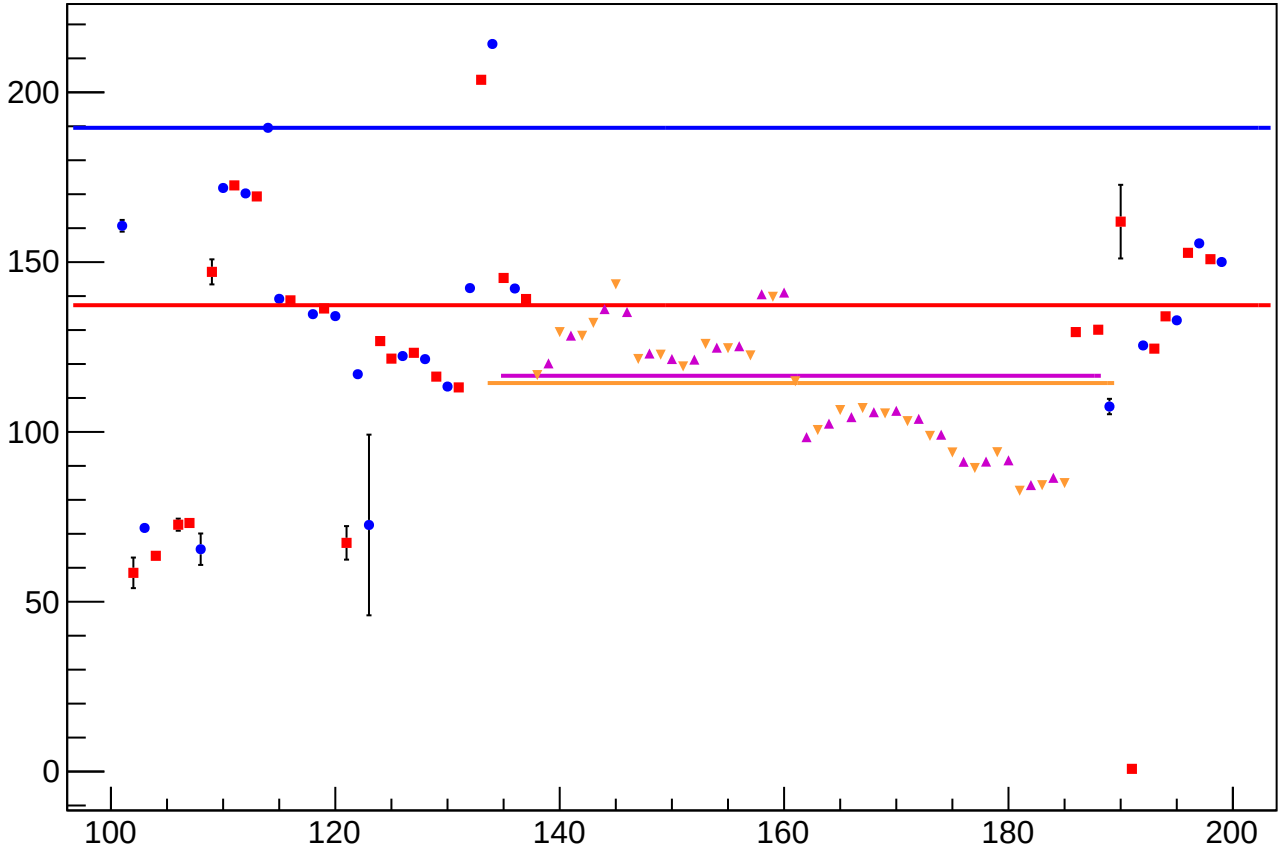
Right: -78.728+/-0.000 χ^2/NDF: 2719455.2/47

In: -78.728+/-0.000 χ^2/NDF:18002983.1/44

Out: -4.791+/-0.016 χ^2/NDF:1498458.5/50

All: -78.728+/-0.000 χ^2/NDF: 39582576.4/95

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 1037877.0/21

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.315+/-0.055 χ^2/NDF: 130653.8/25

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

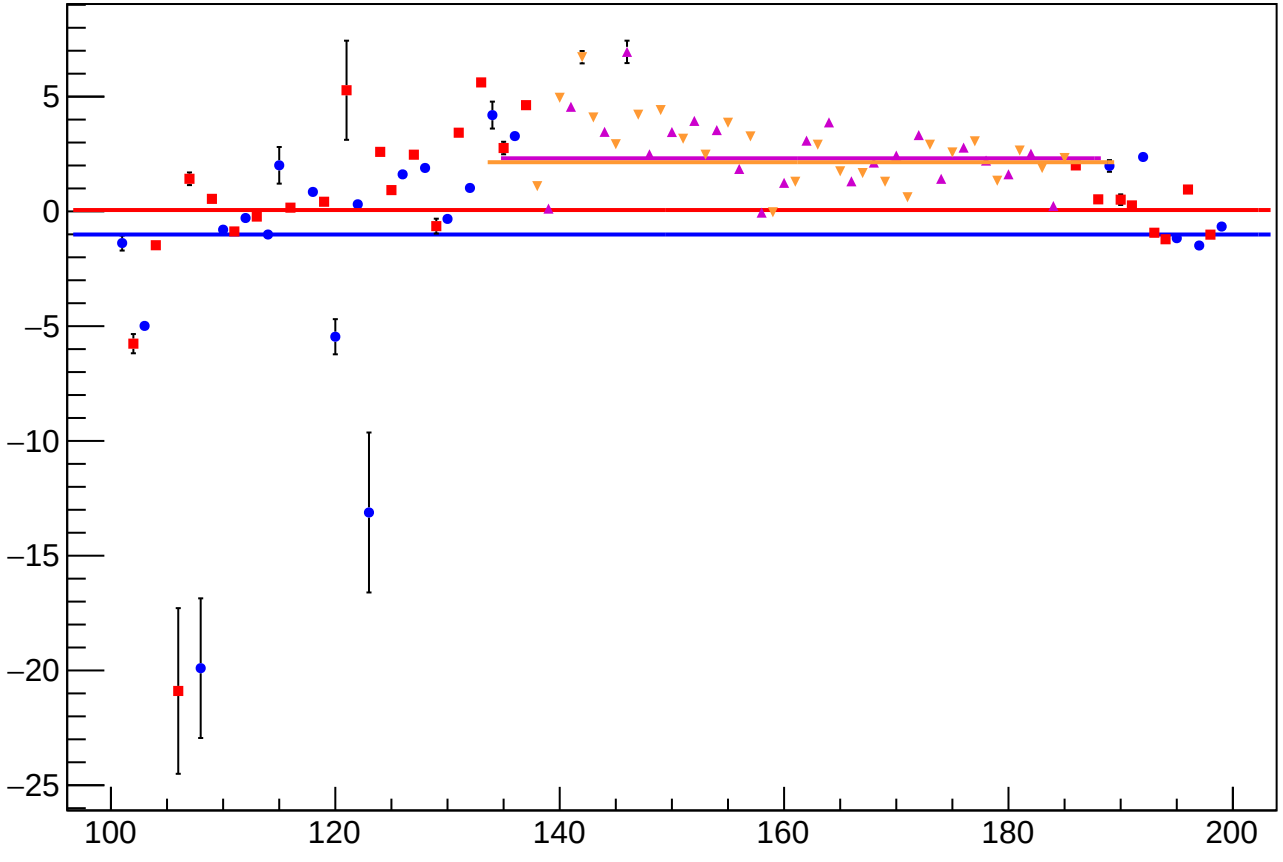
Right: 189.551+/-0.000 χ^2/NDF: 2063542.4/47

In: 189.551+/-0.000 χ^2/NDF:11057818.1/44

Out: 117.677+/-0.021 χ^2/NDF:713160.5/50

All: 189.551+/-0.000 χ^2/NDF: 23604610.7/95

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7968.8/21

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.060+/-0.014 χ^2/NDF: 5949.0/25

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

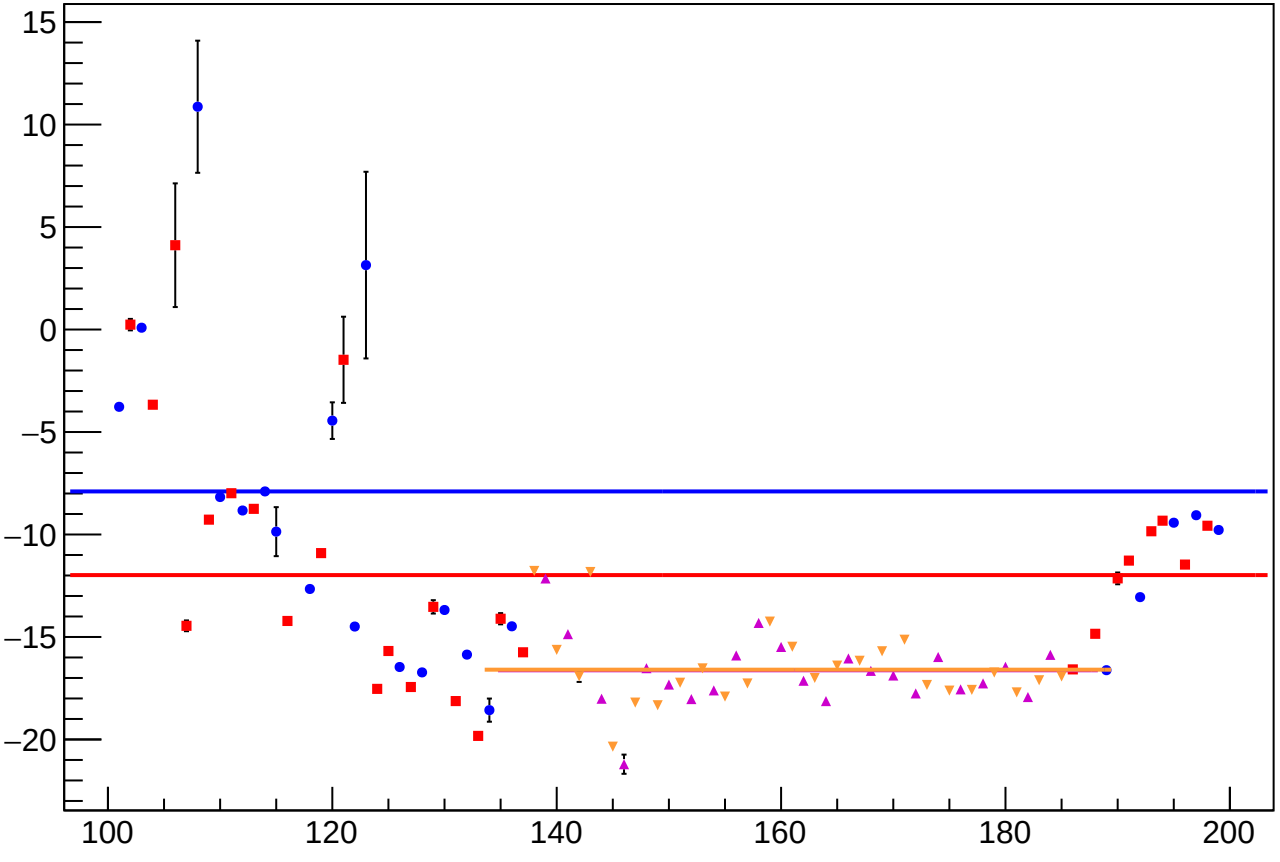
Right: -1.007+/-0.000 χ^2/NDF: 19869.6/47

In: -1.007+/-0.000 χ^2/NDF:71139.1/44

Out: 1.041+/-0.010 χ^2/NDF:23230.2/50

All: -1.007+/-0.000 χ^2/NDF: 135846.2/95

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 47802.9/21

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -11.981+/-0.016 χ^2/NDF: 36681.7/25

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

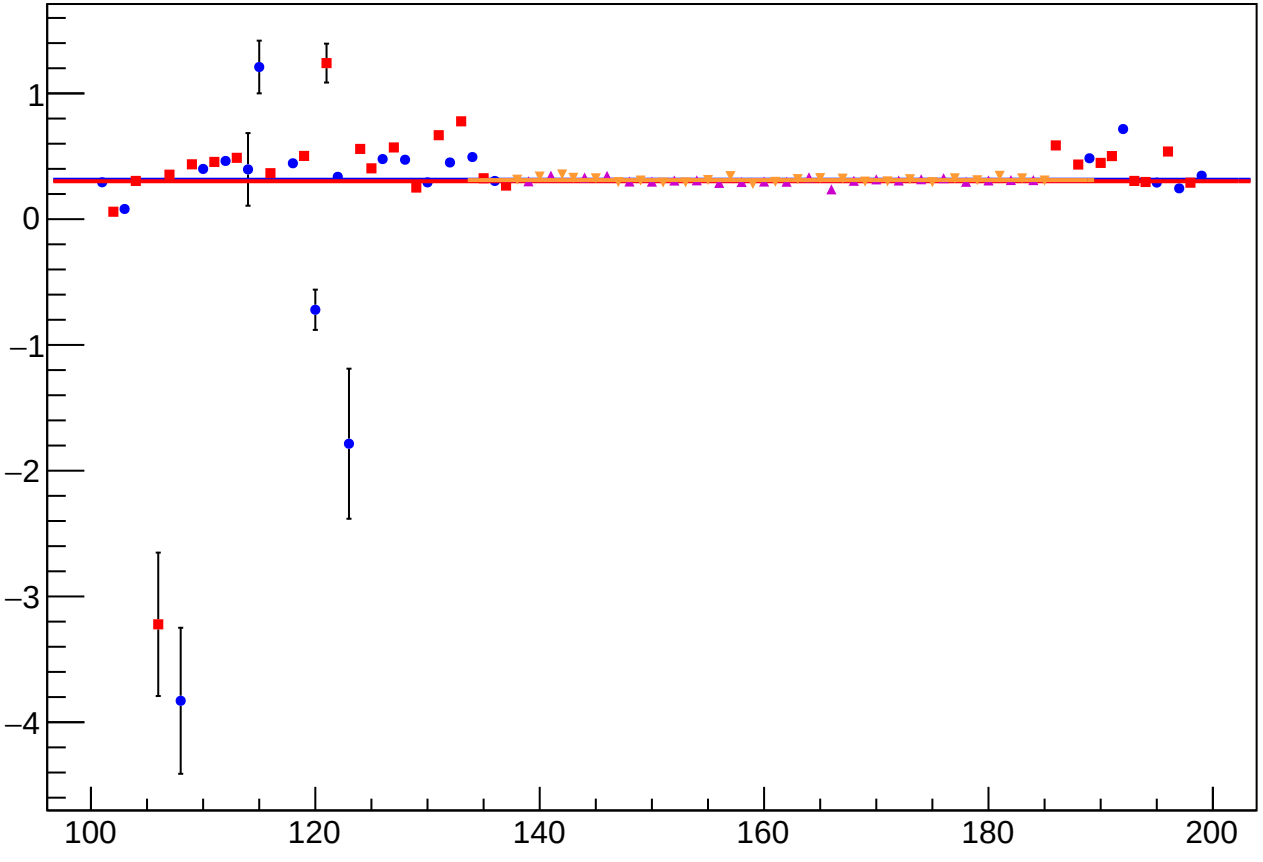
Right: -7.899+/-0.000 χ^2/NDF: 149270.8/47

In: -7.899+/-0.000 χ^2/NDF:406900.2/44

Out: -14.539+/-0.011 χ^2/NDF:91012.4/50

All: -7.899+/-0.000 χ^2/NDF: 882646.3/95

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 3349.8/21

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.301+/-0.001 χ^2/NDF: 7233.5/25

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

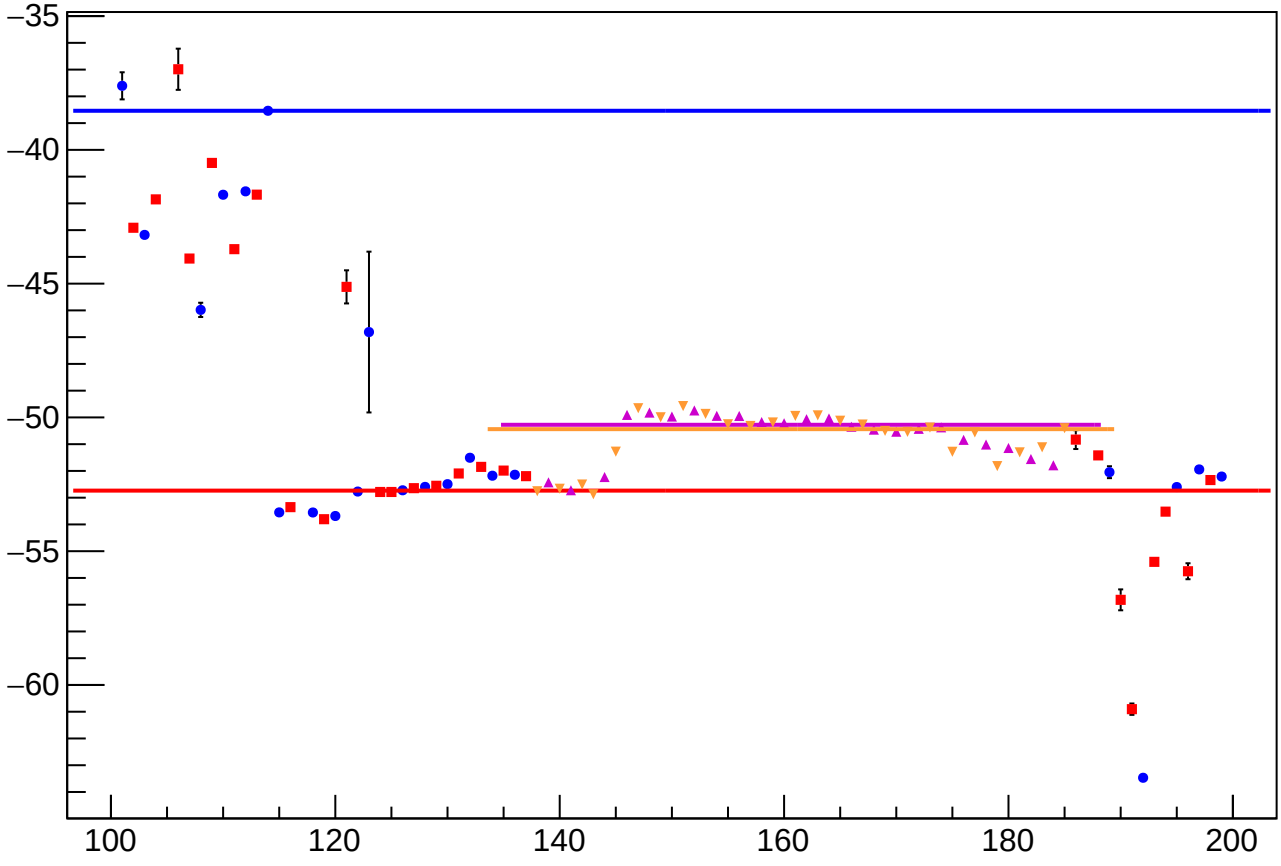
Right: 0.307+/-0.001 χ^2/NDF: 10676.0/47

In: 0.310+/-0.000 χ^2/NDF:6438.7/44

Out: 0.310+/-0.000 χ^2/NDF:12323.1/50

All: 0.310+/-0.000 χ^2/NDF: 18761.9/95

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 15203632.8/21

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.736+/-0.002 χ^2/NDF: 84166.2/25

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

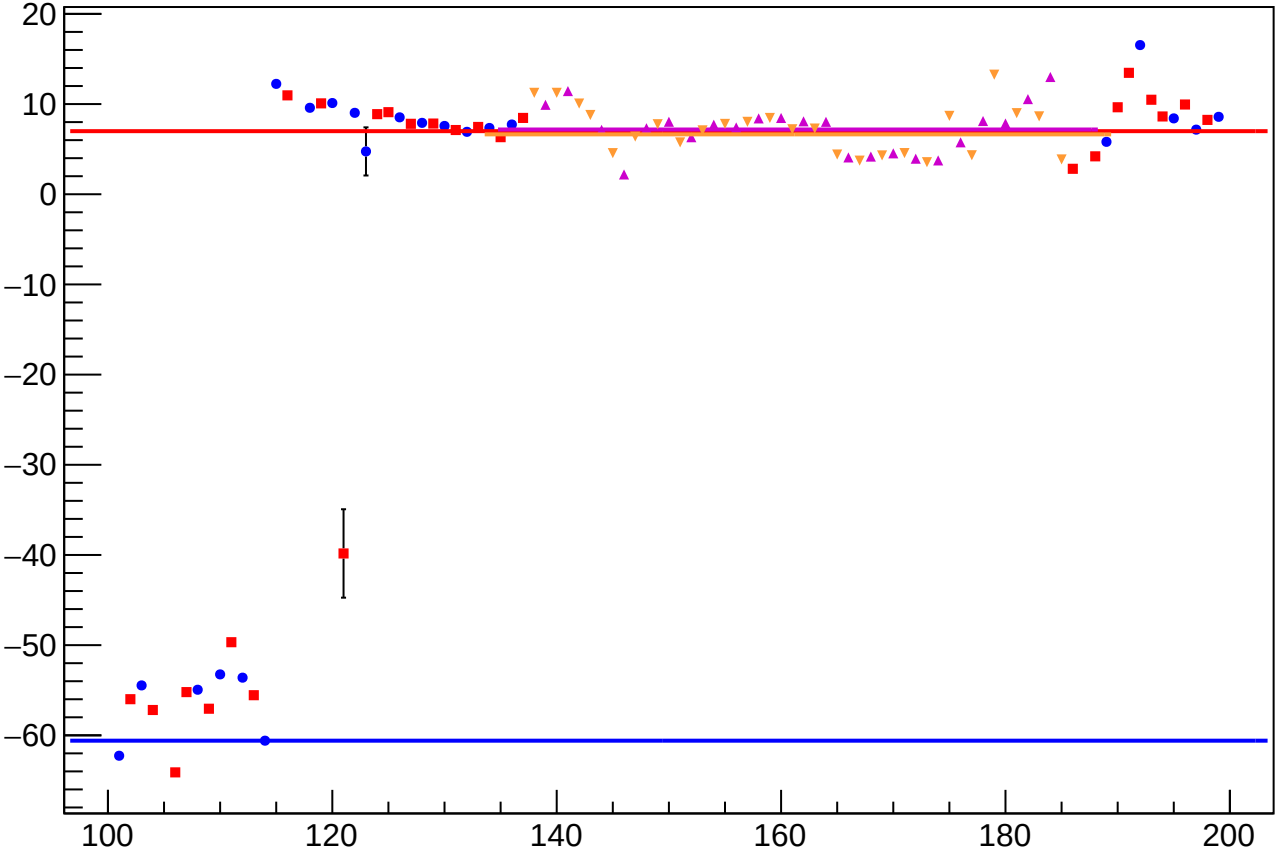
Right: -38.539+/-0.000 χ^2/NDF: 72645118.4/47

In: -38.539+/-0.000 χ^2/NDF:103362693.8/44

Out: -51.237+/-0.001 χ^2/NDF:1363802.5/50

All: -38.539+/-0.000 χ^2/NDF: 236683406.0/9

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 32040494.9/21

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.995+/-0.010 χ^2/NDF: 1164521.0/25

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

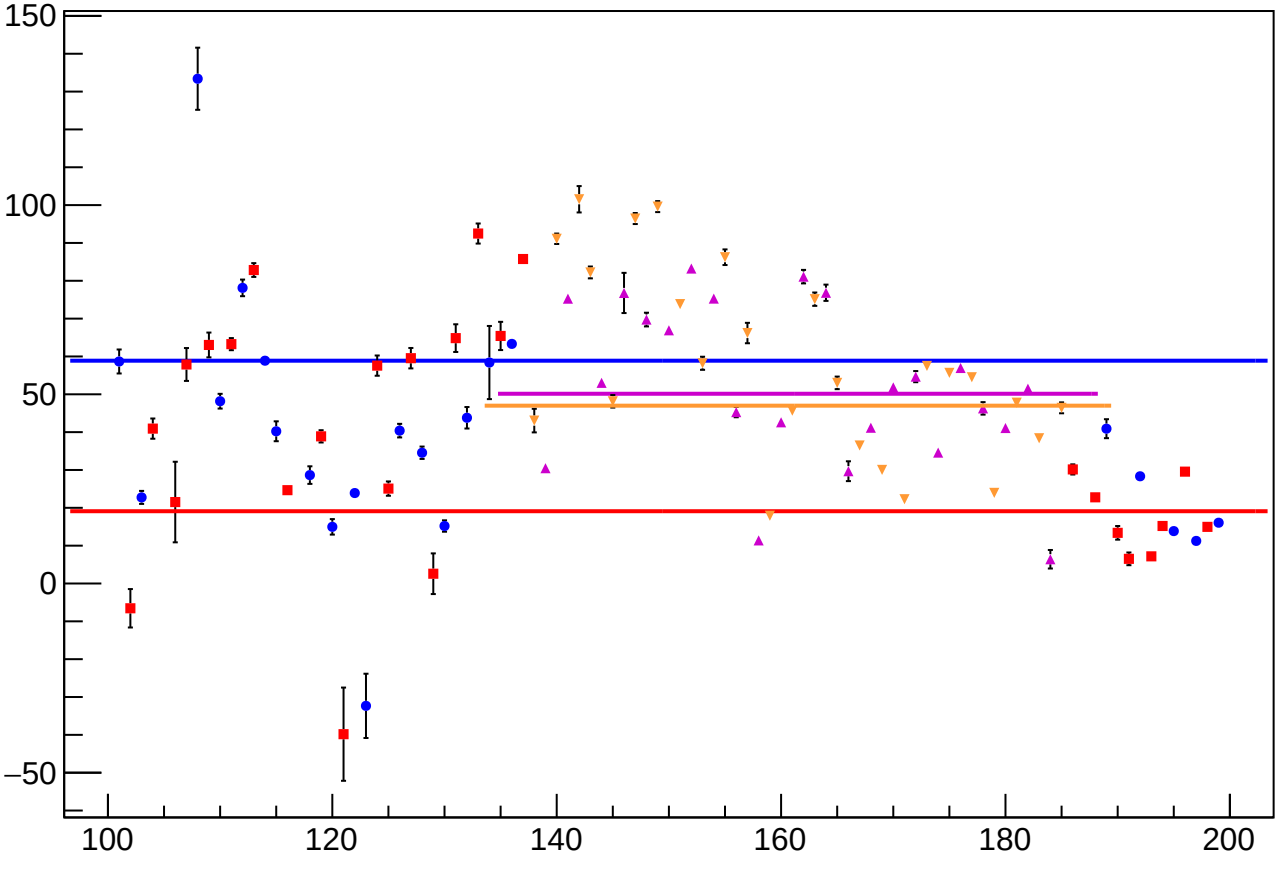
Right: -60.594+/-0.000 χ^2/NDF: 77093801.2/47

In: -60.594+/-0.000 χ^2/NDF:416111356.8/44

Out: 6.682+/-0.003 χ^2/NDF:1506053.1/50

All: -60.594+/-0.000 χ^2/NDF: 795570253.6/9

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 30581.5/21

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.101+/-0.160 χ^2/NDF: 10747.8/25

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

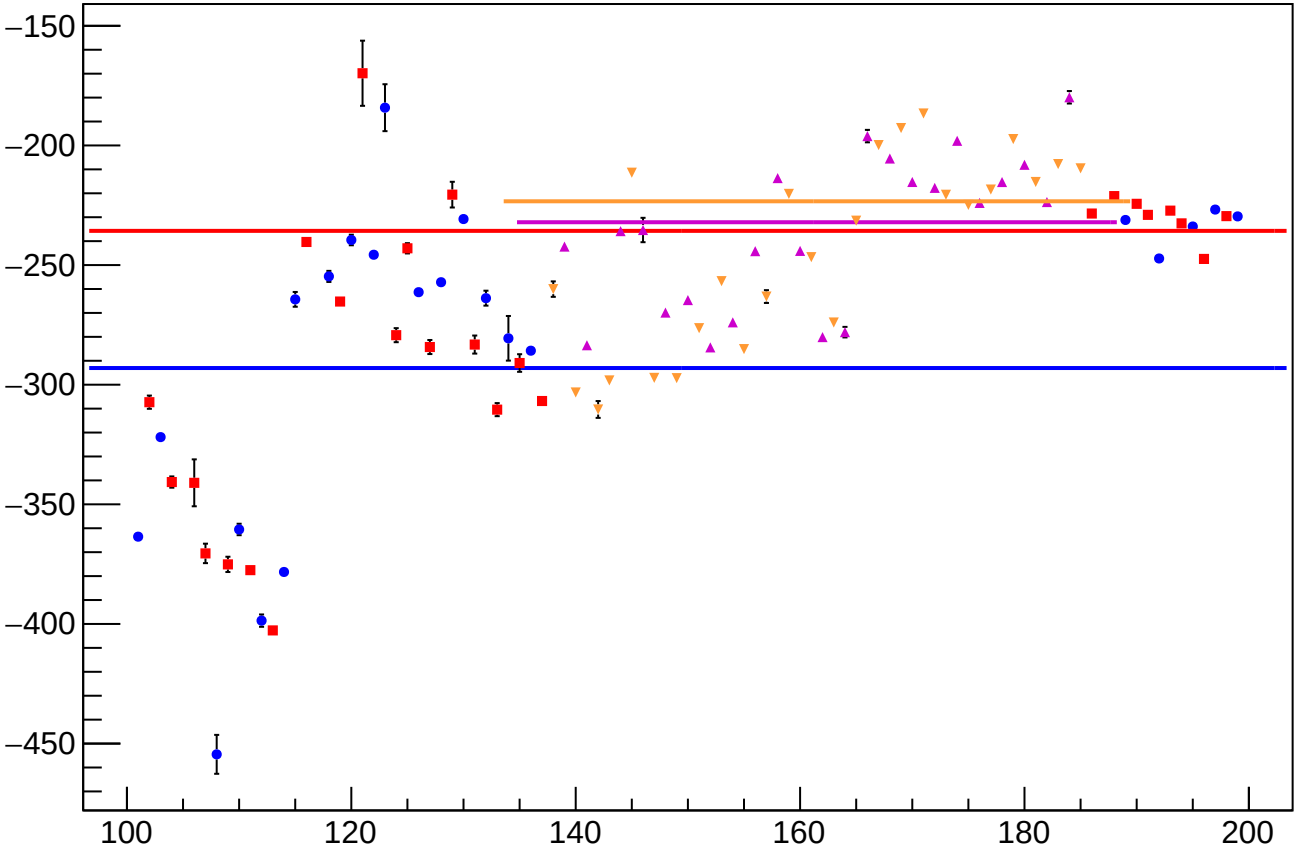
Right: 58.880+/-0.000 χ^2/NDF: 103108.7/47

In: 58.880+/-0.000 χ^2/NDF:38955.1/44

Out: 29.048+/-0.128 χ^2/NDF:30784.4/50

All: 58.880+/-0.000 χ^2/NDF: 123742.6/95

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -293.031+/-0.175 χ^2/NDF: 156173.7/21

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -235.703+/-0.144 χ^2/NDF: 28510.6/25

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

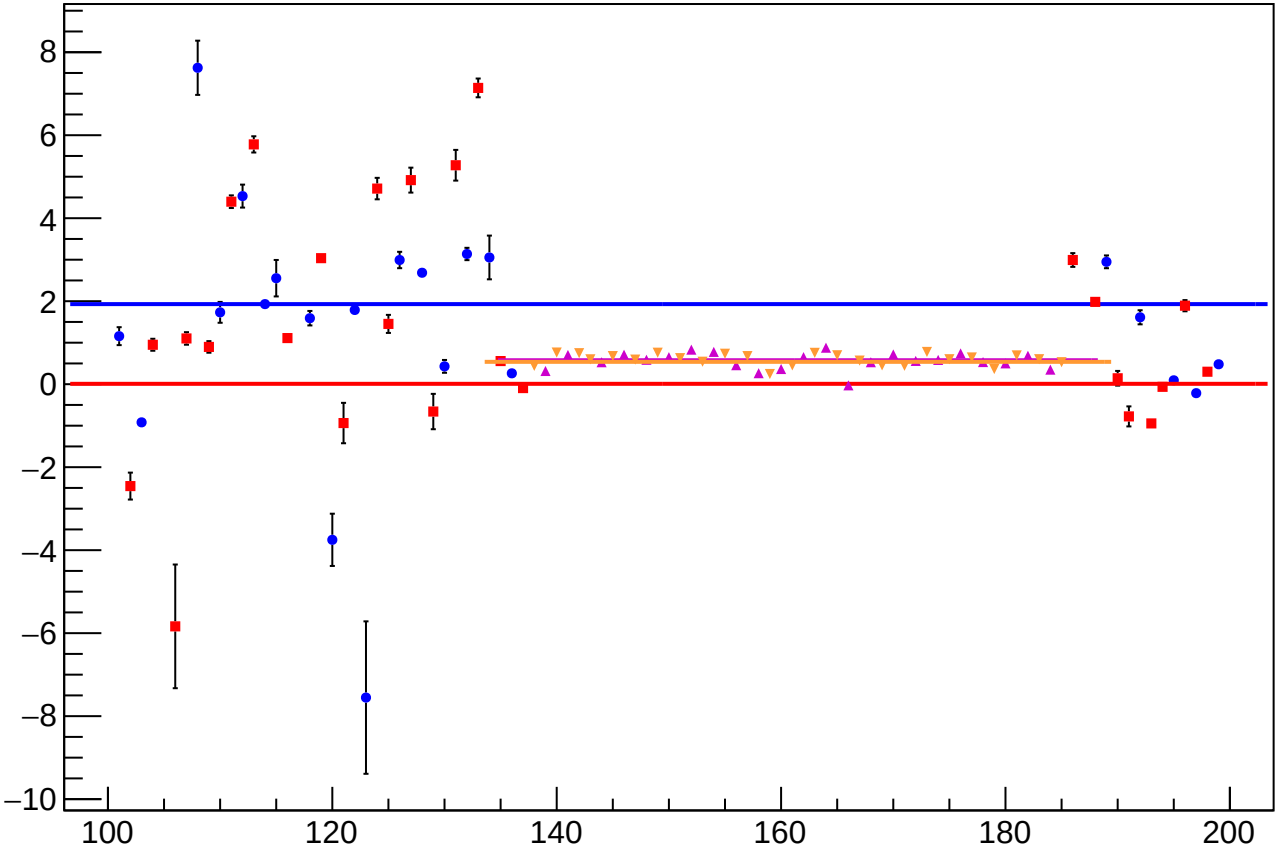
Right: -258.793+/-0.111 χ^2/NDF: 248724.0/47

In: -269.061+/-0.136 χ^2/NDF:221299.0/44

Out: -231.894+/-0.120 χ^2/NDF:53082.5/50

All: -248.053+/-0.090 χ^2/NDF: 316376.5/95

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 64228.8/21

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.009+/-0.004 χ^2/NDF: 10793.2/25

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

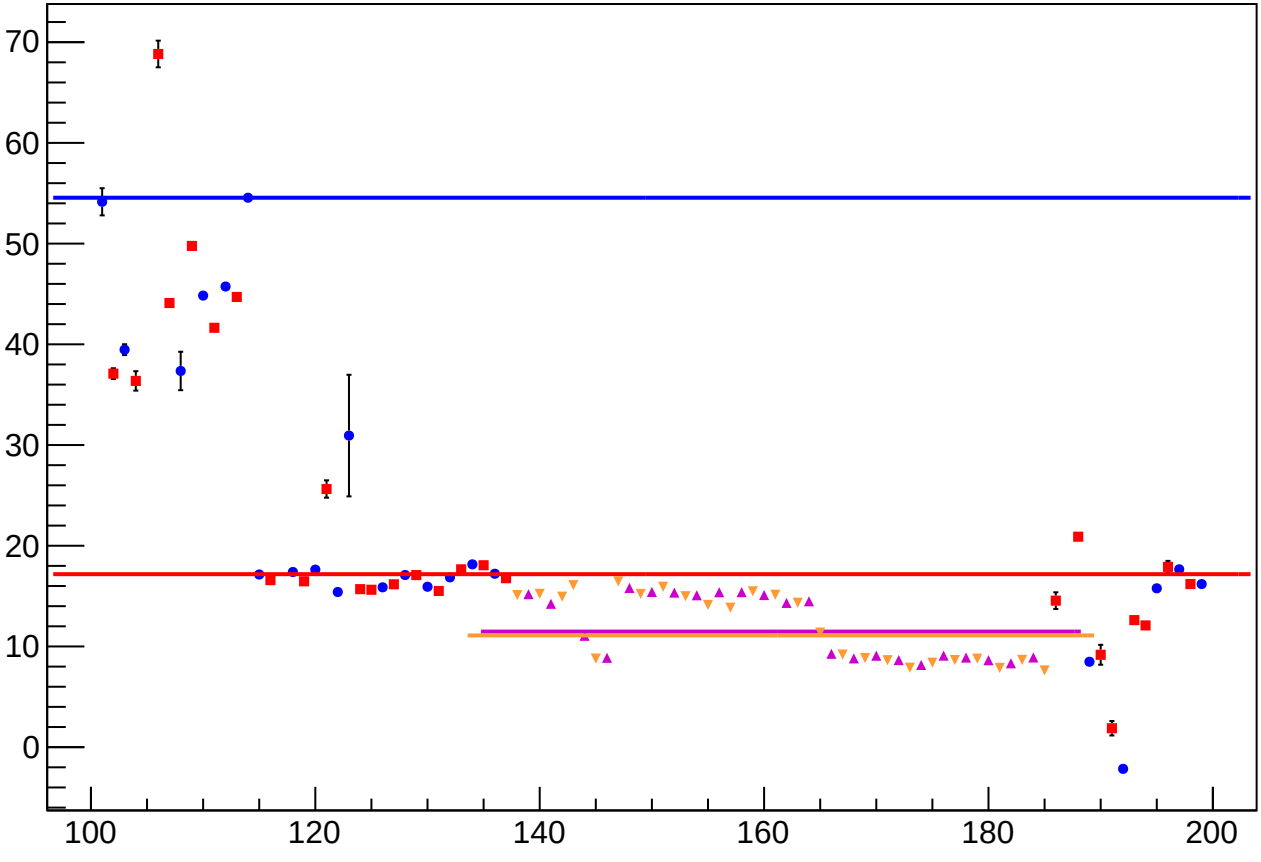
Right: 1.930+/-0.000 χ^2/NDF: 273994.6/47

In: 1.930+/-0.000 χ^2/NDF:948959.5/44

Out: 0.469+/-0.002 χ^2/NDF:34732.9/50

All: 1.930+/-0.000 χ^2/NDF: 1860802.0/95

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 9958068.2/21

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.177+/-0.018 χ^2/NDF: 62487.5/25

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

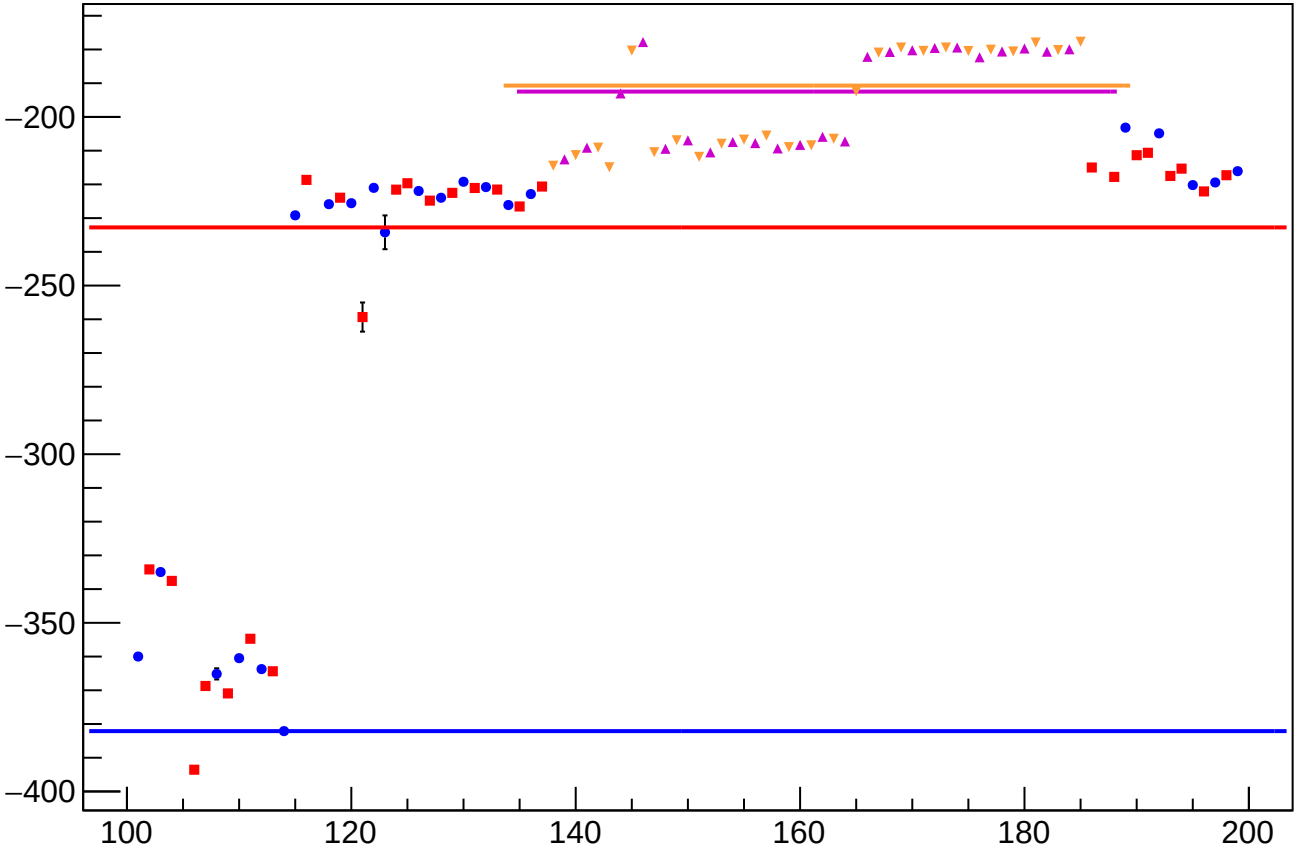
Right: 54.556+/-0.000 χ^2/NDF: 14314797.5/47

In: 54.556+/-0.000 χ^2/NDF:78284804.1/44

Out: 11.588+/-0.005 χ^2/NDF:548480.8/50

All: 54.556+/-0.000 χ^2/NDF: 148848332.0/95

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 19727424.0/21

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -232.754+/-0.046 χ^2/NDF: 658539.2/25

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

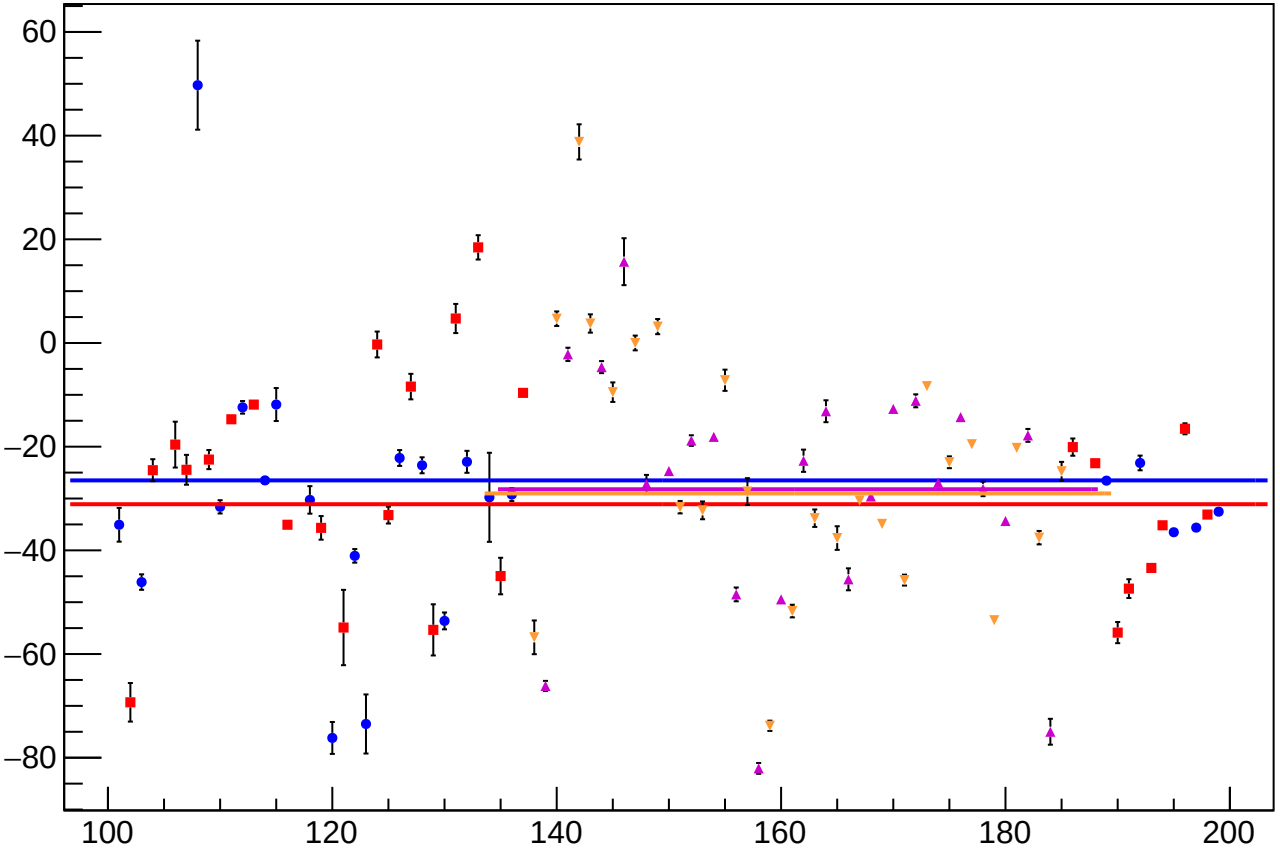
Right: -382.108+/-0.000 χ^2/NDF: 30825112.5/47

In: -382.108+/-0.000 χ^2/NDF:298341580.2/44

Out: -193.017+/-0.011 χ^2/NDF:3042702.3/50

All: -382.108+/-0.000 χ^2/NDF: 605378099.2/

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 1865.8/21

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -31.101+/-0.167 χ^2/NDF: 4533.6/25

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

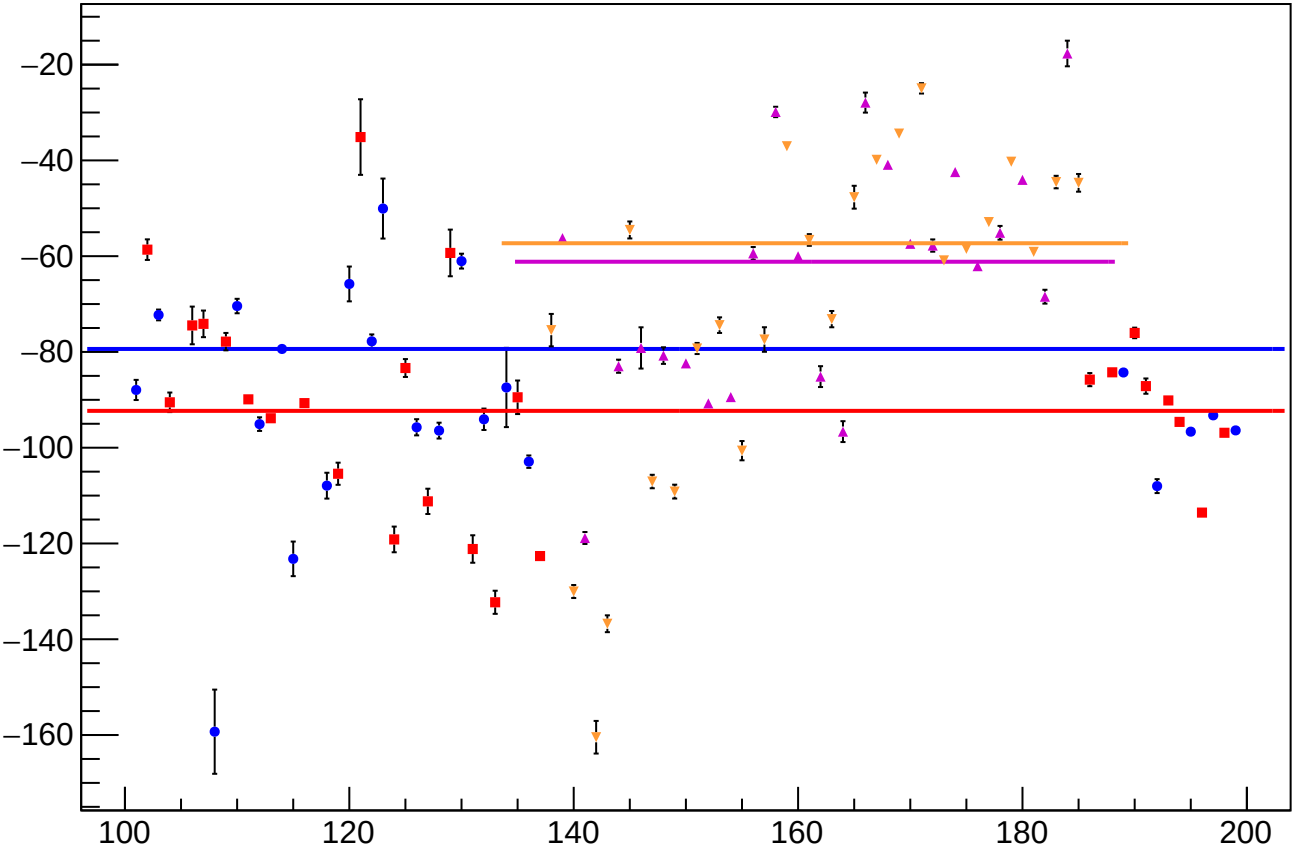
Right: -26.504+/-0.000 χ^2/NDF: 7159.0/47

In: -26.504+/-0.000 χ^2/NDF:9715.9/44

Out: -30.403+/-0.136 χ^2/NDF:11696.2/50

All: -26.504+/-0.000 χ^2/NDF: 22234.7/95

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 4721.8/21

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -92.305+/-0.142 χ^2/NDF: 3273.7/25

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

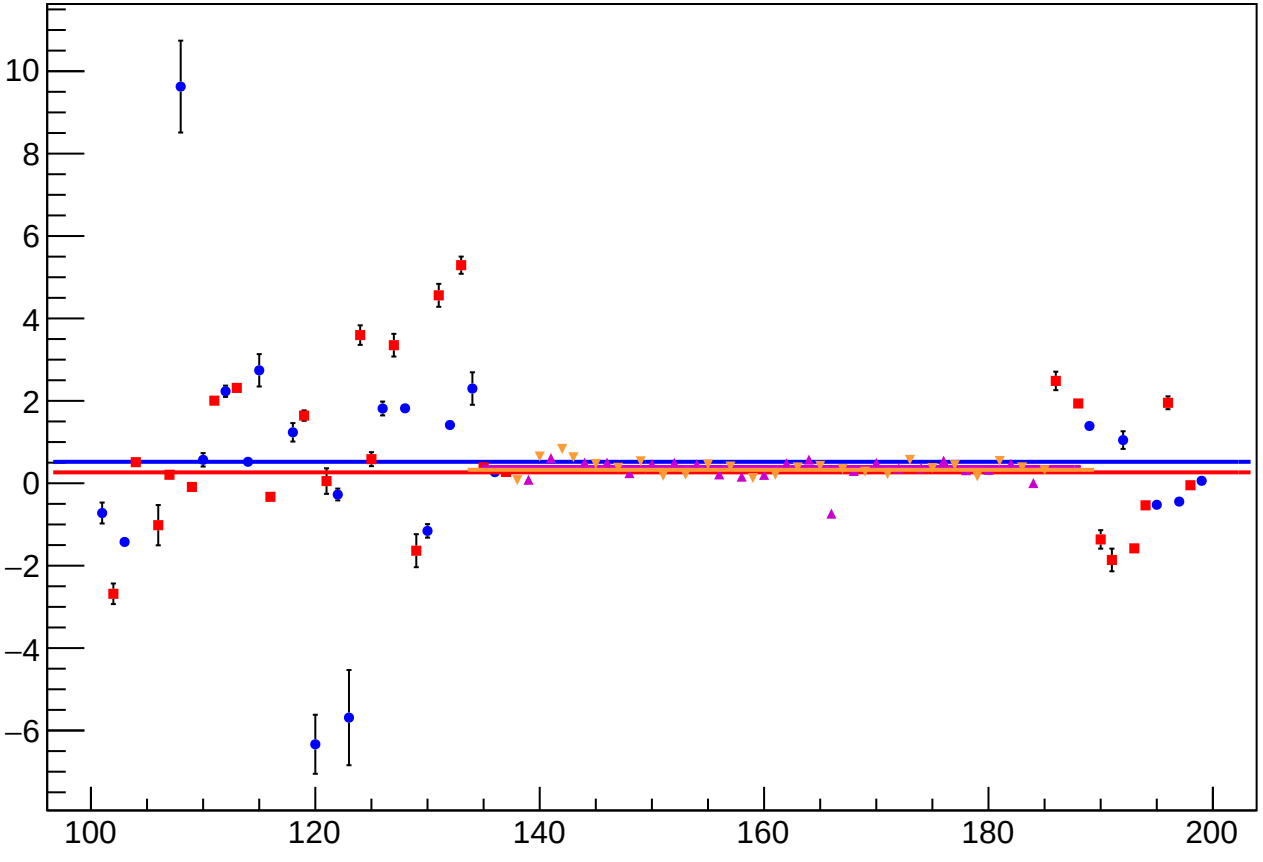
Right: -79.376+/-0.000 χ^2/NDF: 16278.1/47

In: -79.376+/-0.000 χ^2/NDF:20669.3/44

Out: -82.589+/-0.121 χ^2/NDF:33193.6/50

All: -79.376+/-0.000 χ^2/NDF: 54570.9/95

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3987.2/21

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.265+/-0.010 χ^2/NDF: 5941.3/25

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

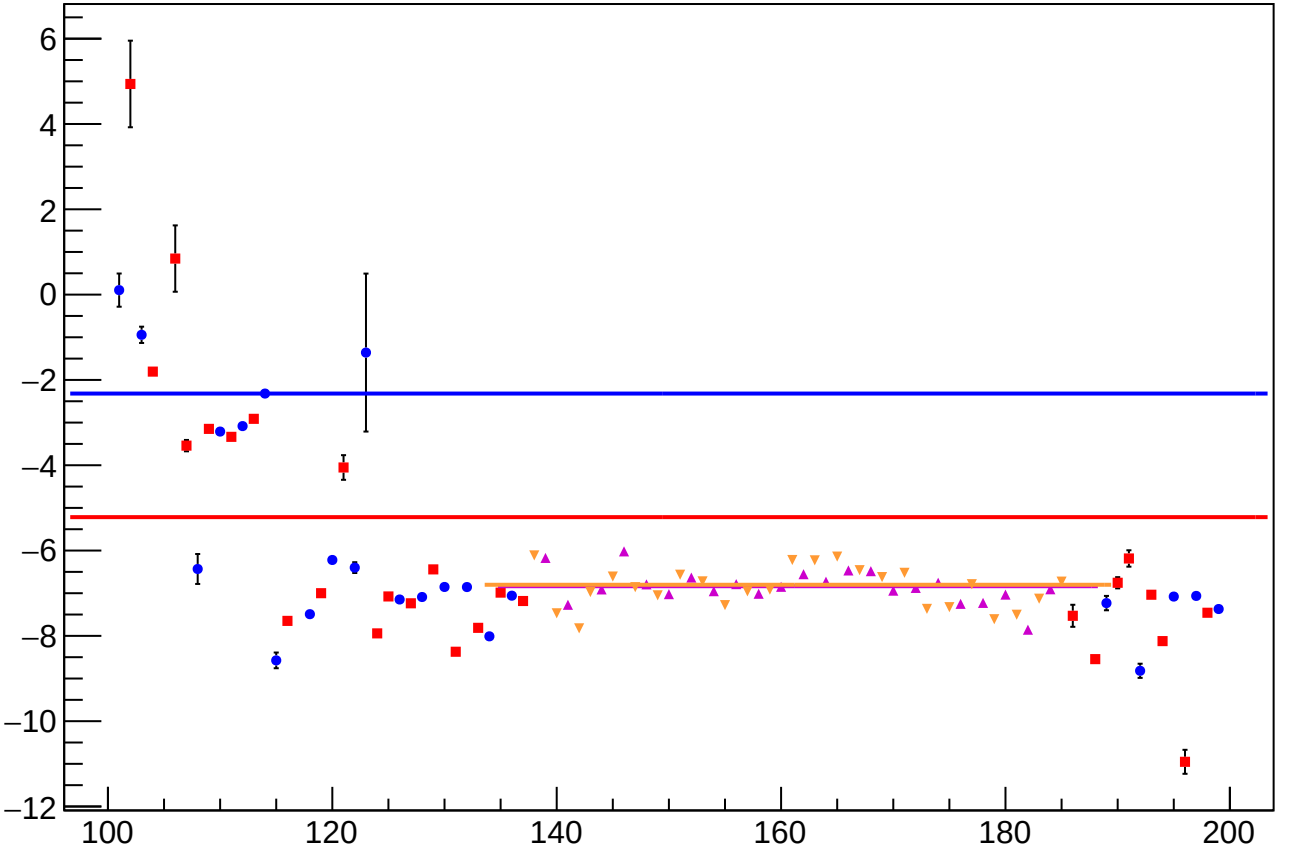
Right: 0.521+/-0.000 χ^2/NDF: 10569.1/47

In: 0.521+/-0.000 χ^2/NDF:22896.0/44

Out: 0.325+/-0.002 χ^2/NDF:16396.7/50

All: 0.521+/-0.000 χ^2/NDF: 54650.4/95

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 297311.8/21

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.217+/-0.010 χ^2/NDF: 55043.3/25

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

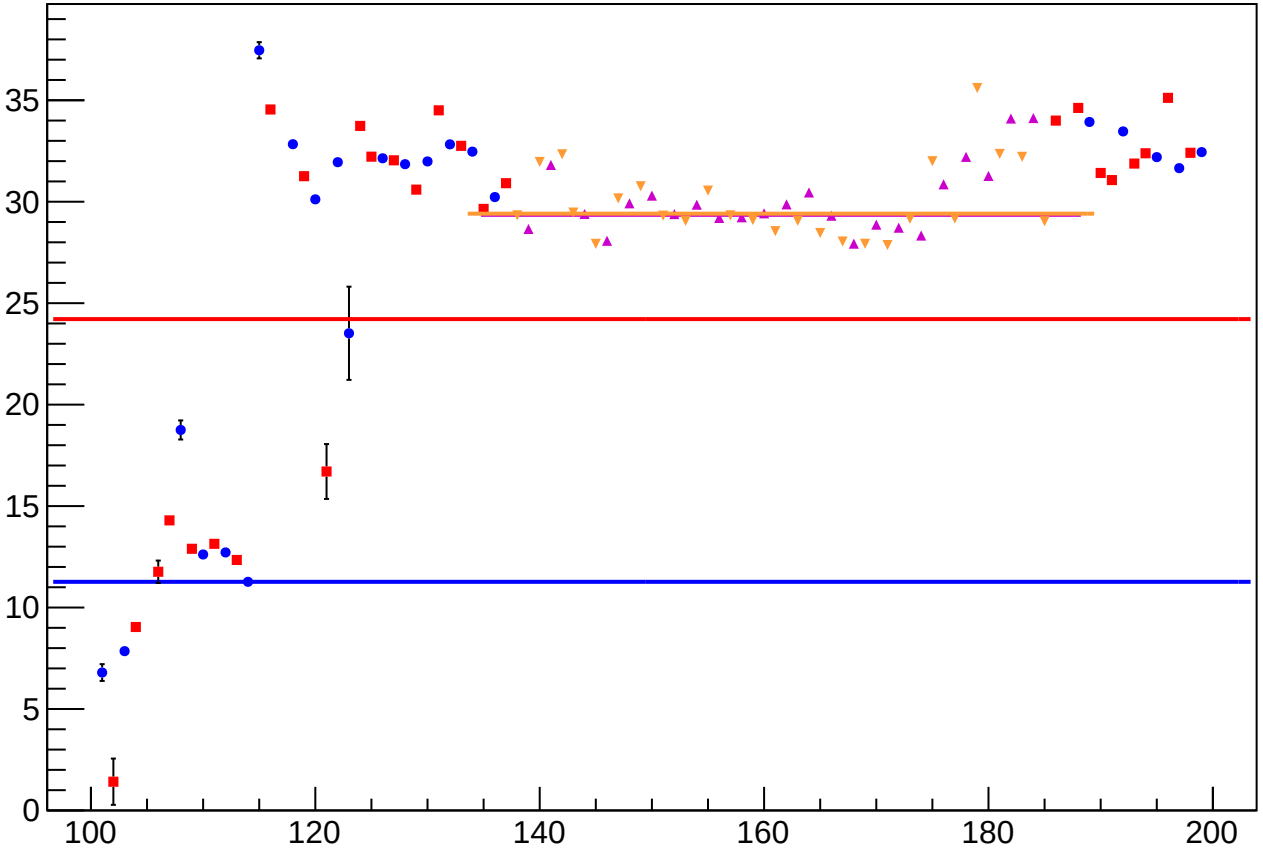
Right: -2.320+/-0.000 χ^2/NDF: 443339.3/47

In: -2.320+/-0.000 χ^2/NDF:3818636.9/44

Out: -6.702+/-0.002 χ^2/NDF:95495.9/50

All: -2.320+/-0.000 χ^2/NDF: 7227490.4/95

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 1470992.2/21

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 24.215+/-0.015 χ^2/NDF: 429171.2/25

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

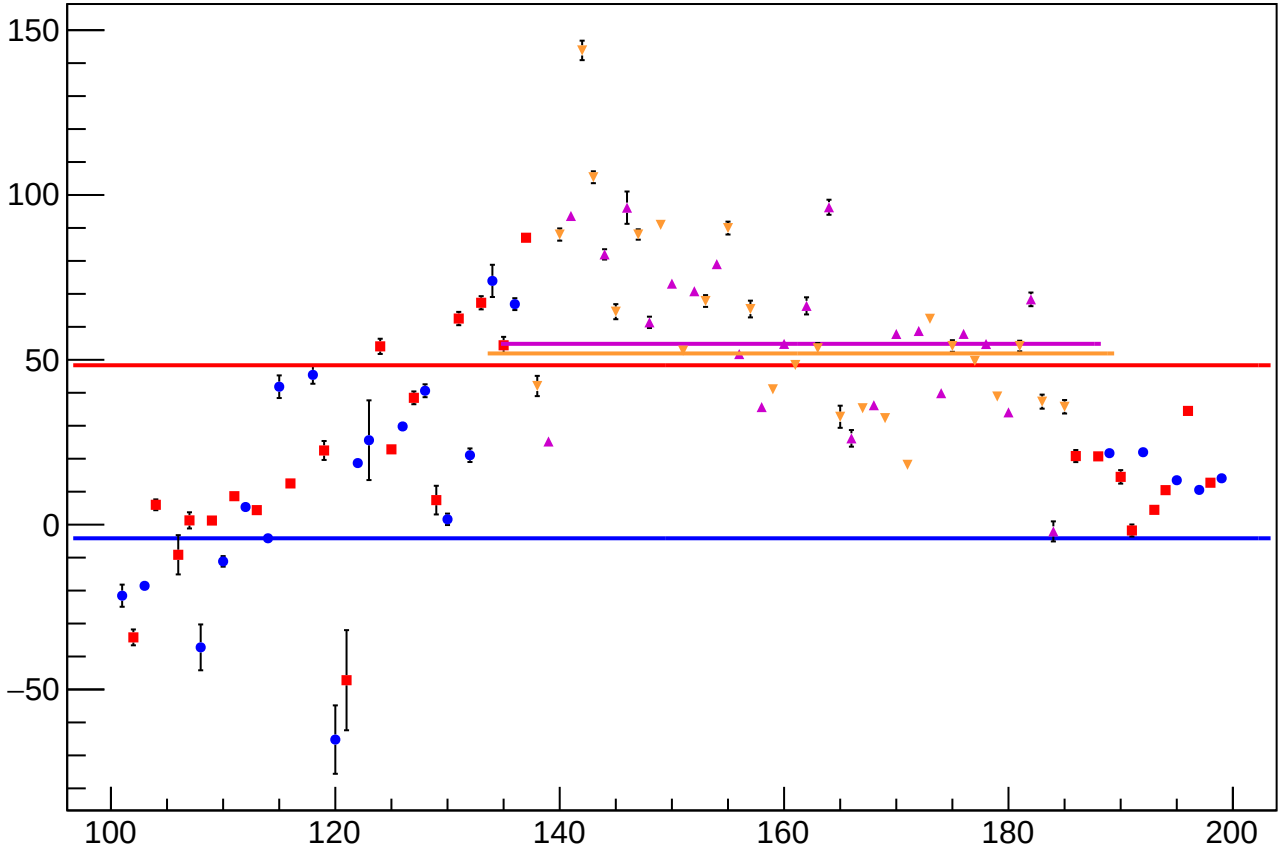
Right: 11.268+/-0.000 χ^2/NDF: 2622252.1/47

In: 11.268+/-0.000 χ^2/NDF:6749926.0/44

Out: 28.248+/-0.007 χ^2/NDF:563778.8/50

All: 11.268+/-0.000 χ^2/NDF: 12860810.9/95

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 7939.6/21

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 48.348+/-0.154 χ^2/NDF: 60726.5/25

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

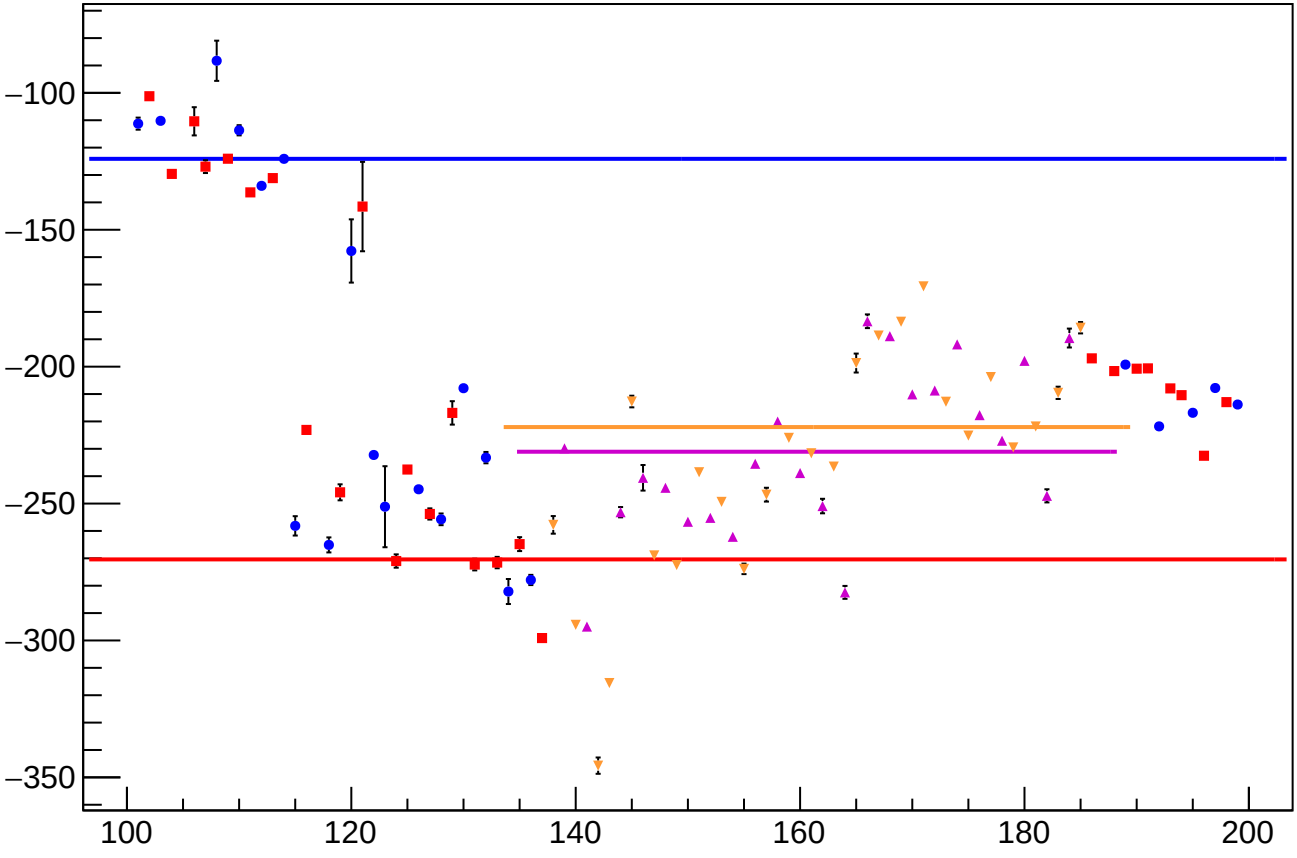
Right: -4.139+/-0.000 χ^2/NDF: 184757.5/47

In: -4.139+/-0.000 χ^2/NDF:71219.9/44

Out: 49.201+/-0.134 χ^2/NDF:67080.7/50

All: -4.139+/-0.000 χ^2/NDF: 295669.3/95

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 127579.1/21

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -270.394+/-0.104 χ^2/NDF: 211899.8/25

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

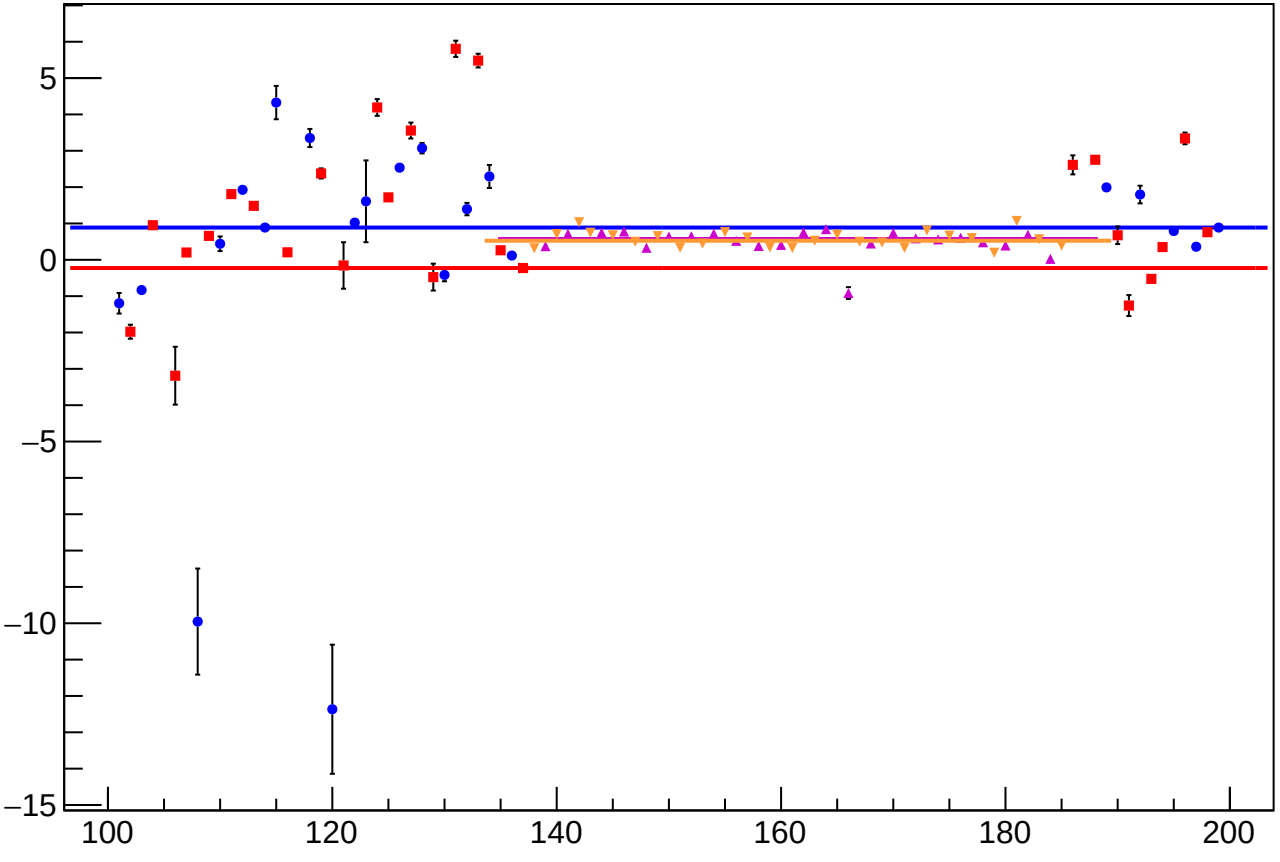
Right: -124.095+/-0.000 χ^2/NDF: 2303199.9/47

In: -124.095+/-0.000 χ^2/NDF:323458.1/44

Out: -264.195+/-0.097 χ^2/NDF:255197.3/50

All: -124.095+/-0.000 χ^2/NDF: 2644445.3/95

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8813.4/21

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 6858.6/25

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

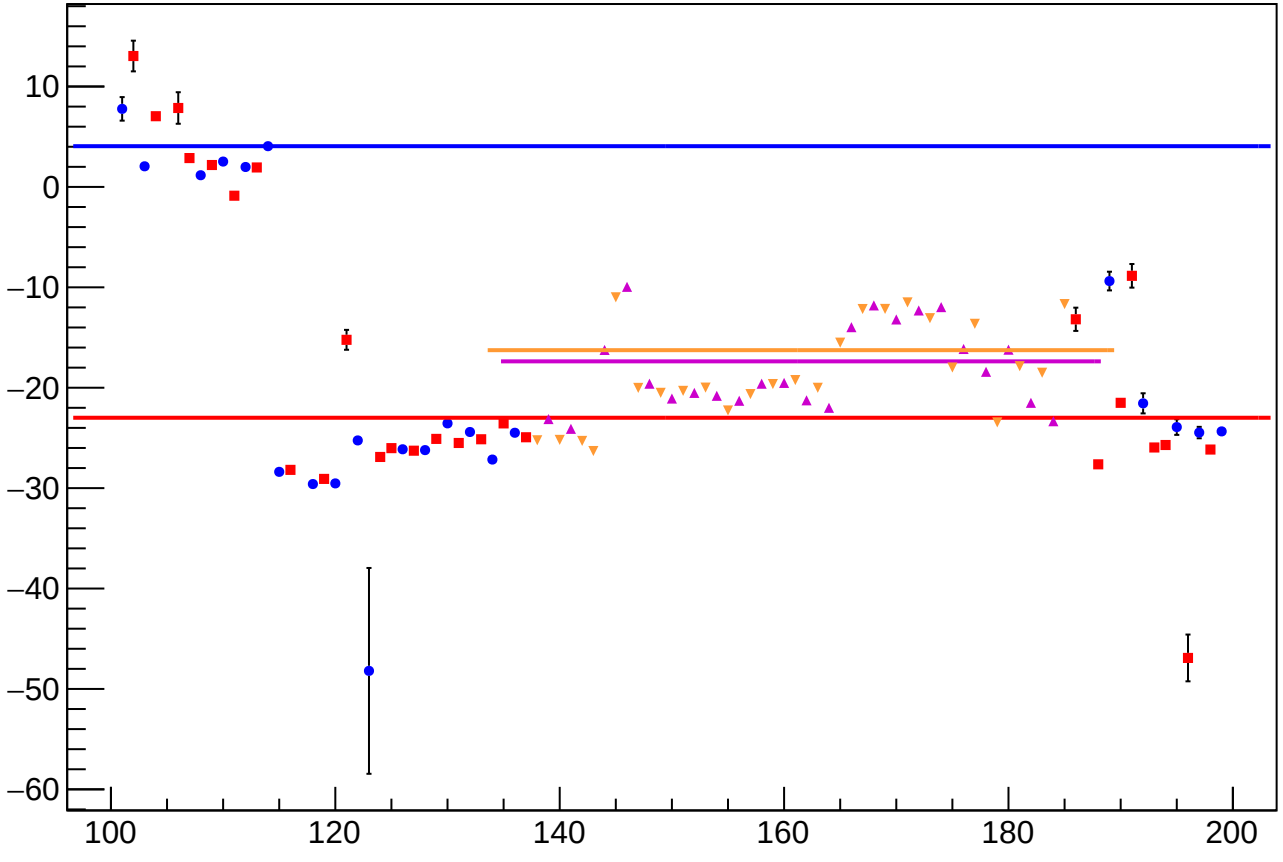
Right: 0.888+/-0.000 χ^2/NDF: 422222084.0/47

In: 0.888+/-0.000 χ^2/NDF:39842.9/44

Out: -0.225+/-0.000 χ^2/NDF:154588.3/50

All: 0.888+/-0.000 χ^2/NDF: 422294660.8/95

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1255759.4/21

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.990+/-0.026 χ^2/NDF: 116886.3/25

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

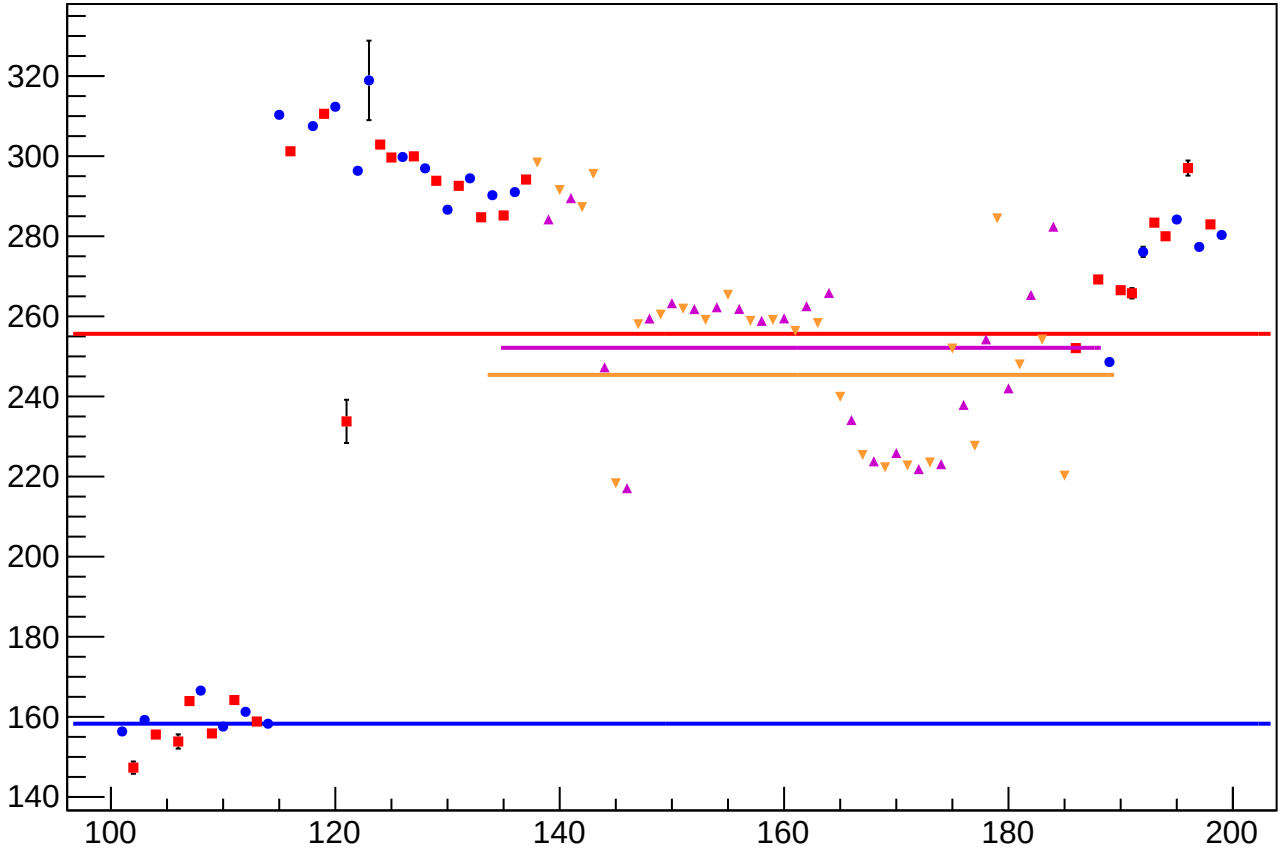
Right: 4.057+/-0.000 χ^2/NDF: 2456509.8/47

In: 4.057+/-0.000 χ^2/NDF:6655512.6/44

Out: -17.131+/-0.009 χ^2/NDF:363822.3/50

All: 4.057+/-0.000 χ^2/NDF: 12160673.0/95

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2583632.9/21

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 255.641+/-0.062 χ^2/NDF: 960545.3/25

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

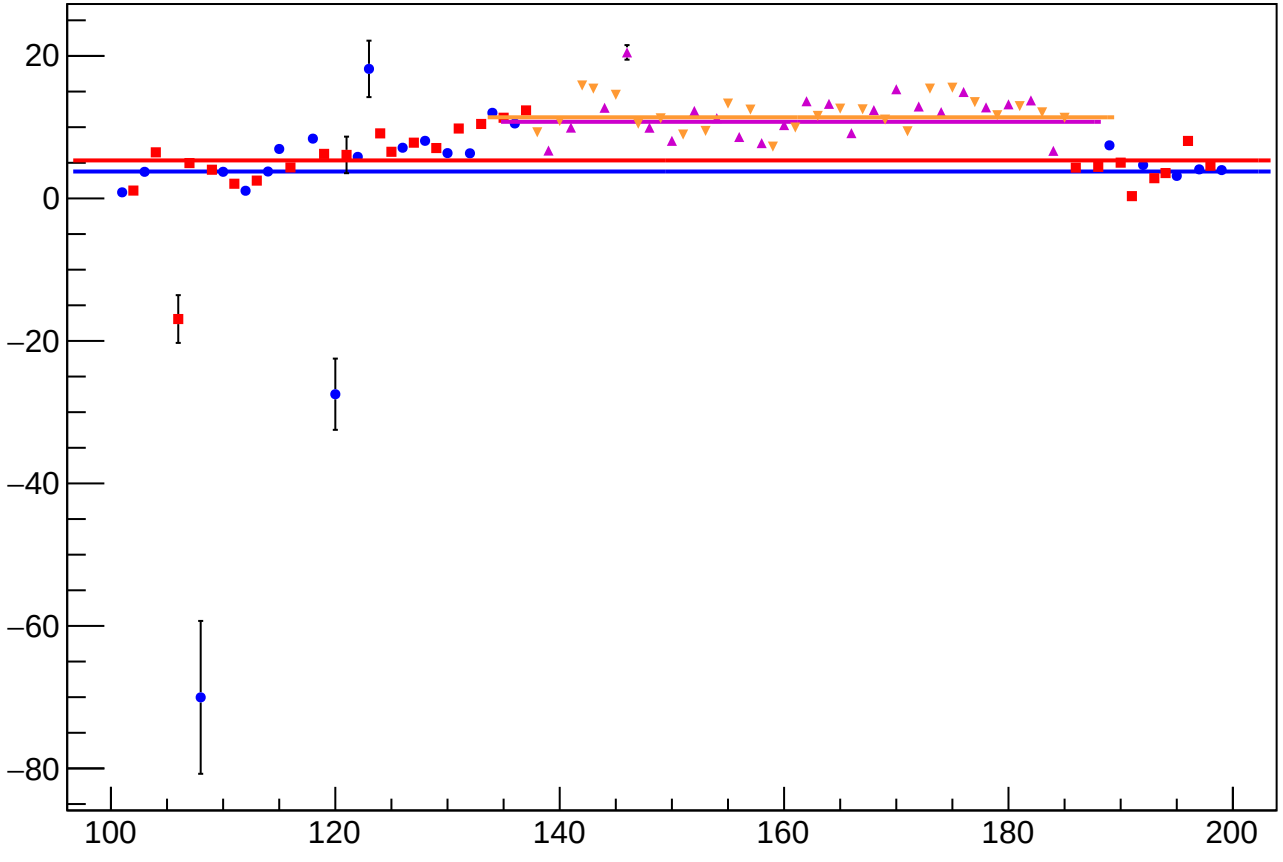
Right: 158.293+/-0.000 χ^2/NDF: 6022985.2/47

In: 158.293+/-0.000 χ^2/NDF:13906685.4/44

Out: 247.070+/-0.025 χ^2/NDF:1707090.3/50

All: 158.293+/-0.000 χ^2/NDF: 28200202.4/95

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 7147.2/21

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.335+/-0.022 χ^2/NDF: 20206.4/25

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

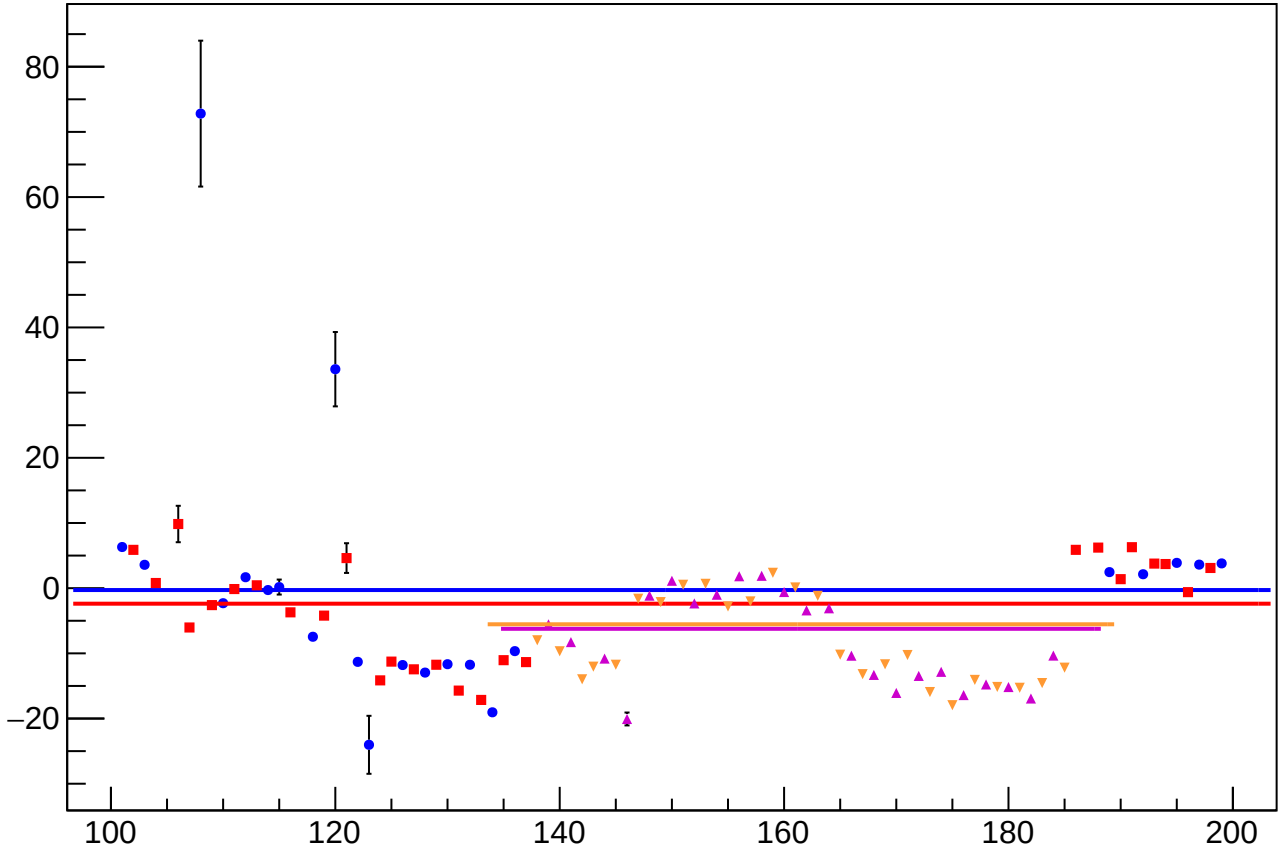
Right: 3.778+/-0.000 χ^2/NDF: 32521.6/47

In: 3.778+/-0.000 χ^2/NDF:80432.2/44

Out: 7.401+/-0.018 χ^2/NDF:51175.0/50

All: 3.778+/-0.000 χ^2/NDF: 174098.8/95

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 50770.8/21

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -2.380+/-0.022 χ^2/NDF: 109566.8/25

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

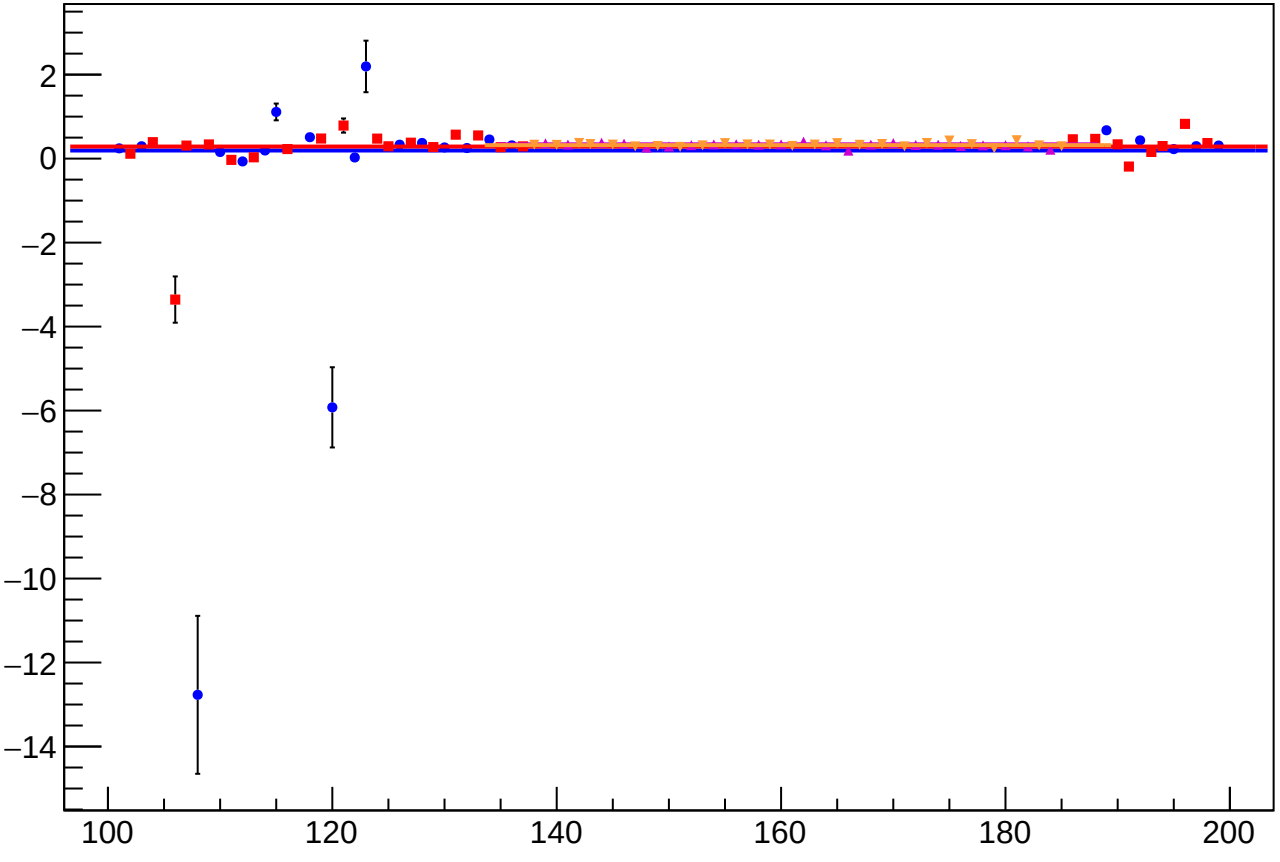
Right: -0.287+/-0.000 χ^2/NDF: 169433.1/47

In: -0.287+/-0.000 χ^2/NDF:152488.6/44

Out: -3.477+/-0.018 χ^2/NDF:160193.7/50

All: -0.287+/-0.000 χ^2/NDF: 345033.1/95

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10834.0/21

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.287+/-0.001 χ^2/NDF: 7356.8/25

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

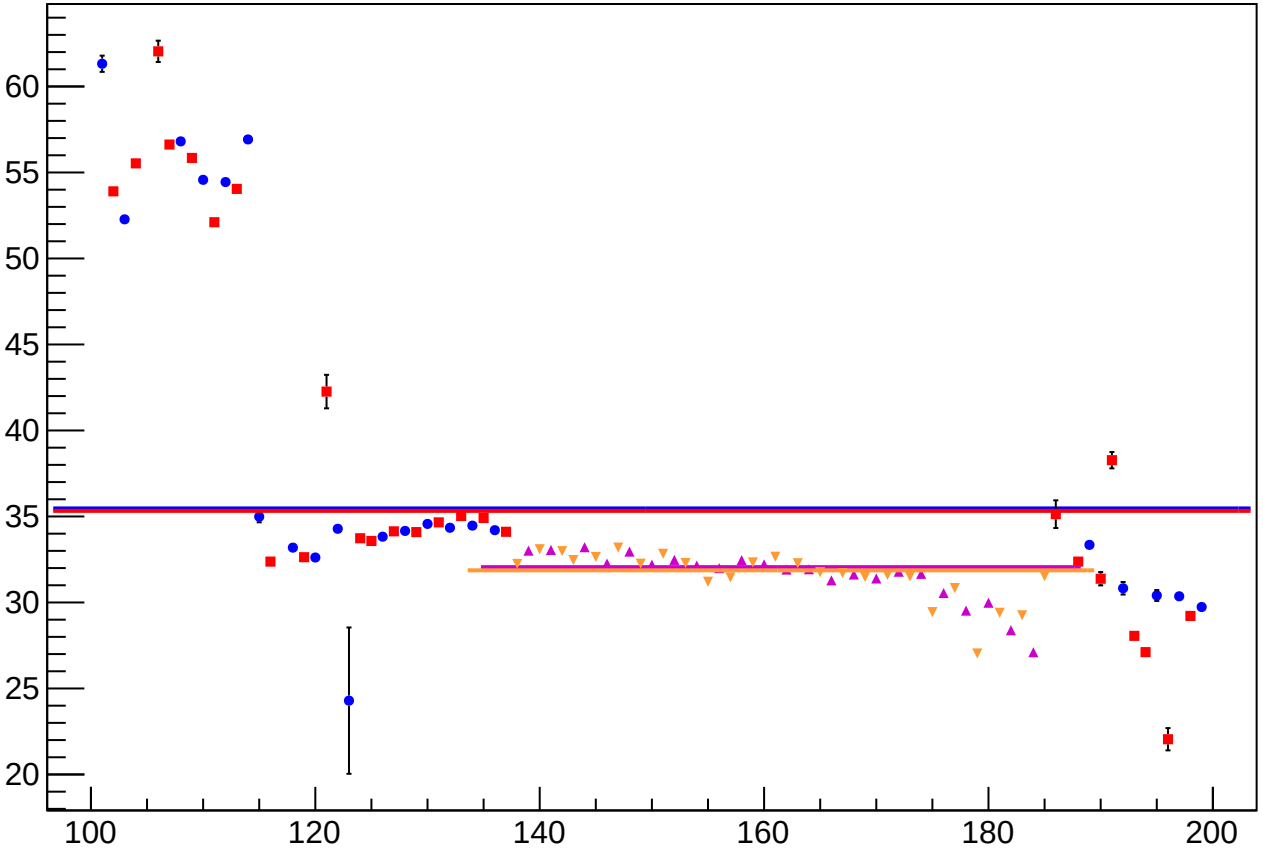
Right: 0.193+/-0.000 χ^2/NDF: 22625.0/47

In: 0.193+/-0.000 χ^2/NDF:91603.1/44

Out: 0.316+/-0.000 χ^2/NDF:11211.1/50

All: 0.193+/-0.000 χ^2/NDF: 169985.1/95

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.468+/-0.011 χ^2/NDF: 227190.6/21

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.326+/-0.011 χ^2/NDF: 275480.4/25

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

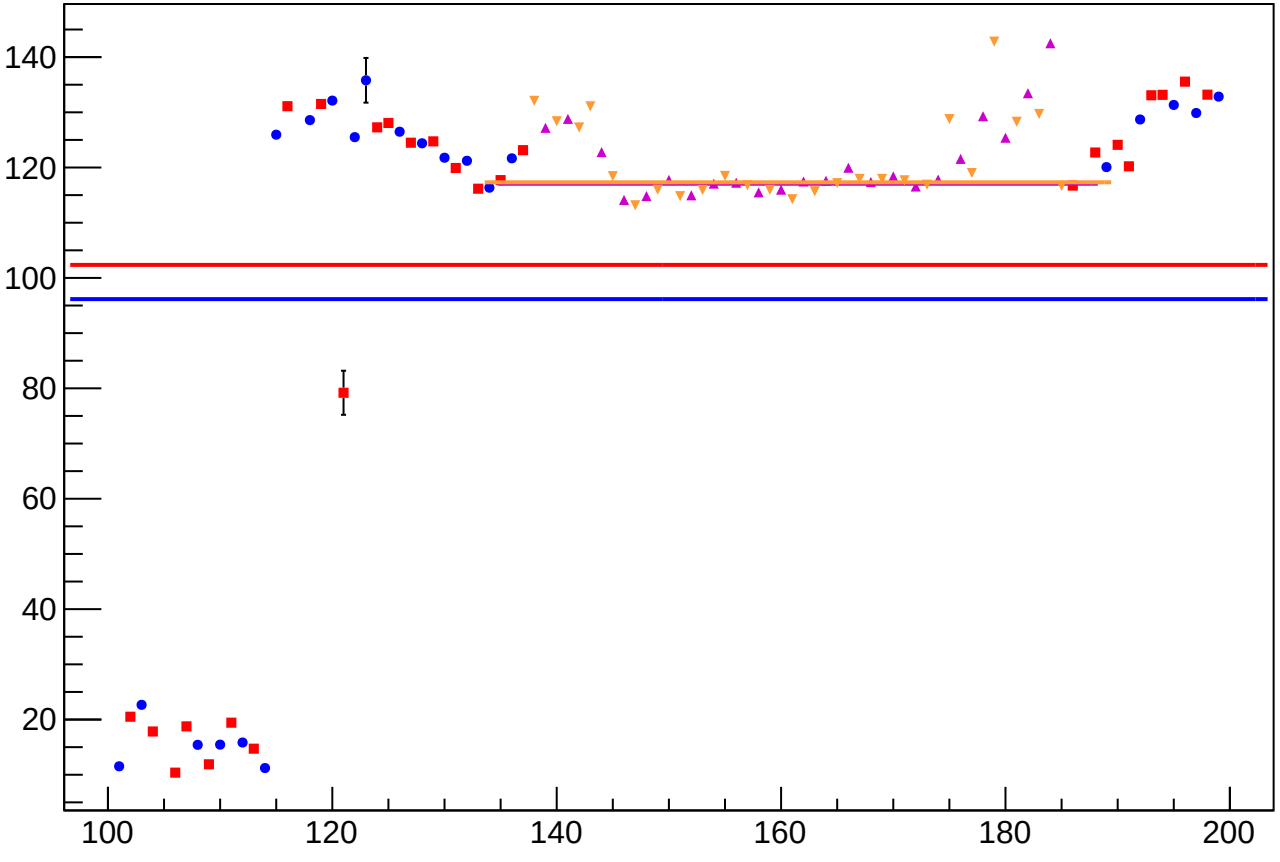
Right: 35.393+/-0.008 χ^2/NDF: 502756.0/47

In: 32.346+/-0.003 χ^2/NDF:345305.3/44

Out: 32.144+/-0.003 χ^2/NDF:435524.1/50

All: 32.236+/-0.002 χ^2/NDF: 782904.8/95

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 96.160+/-0.028 χ^2/NDF: 2826226.3/21

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 102.362+/-0.026 χ^2/NDF: 3315131.1/25

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

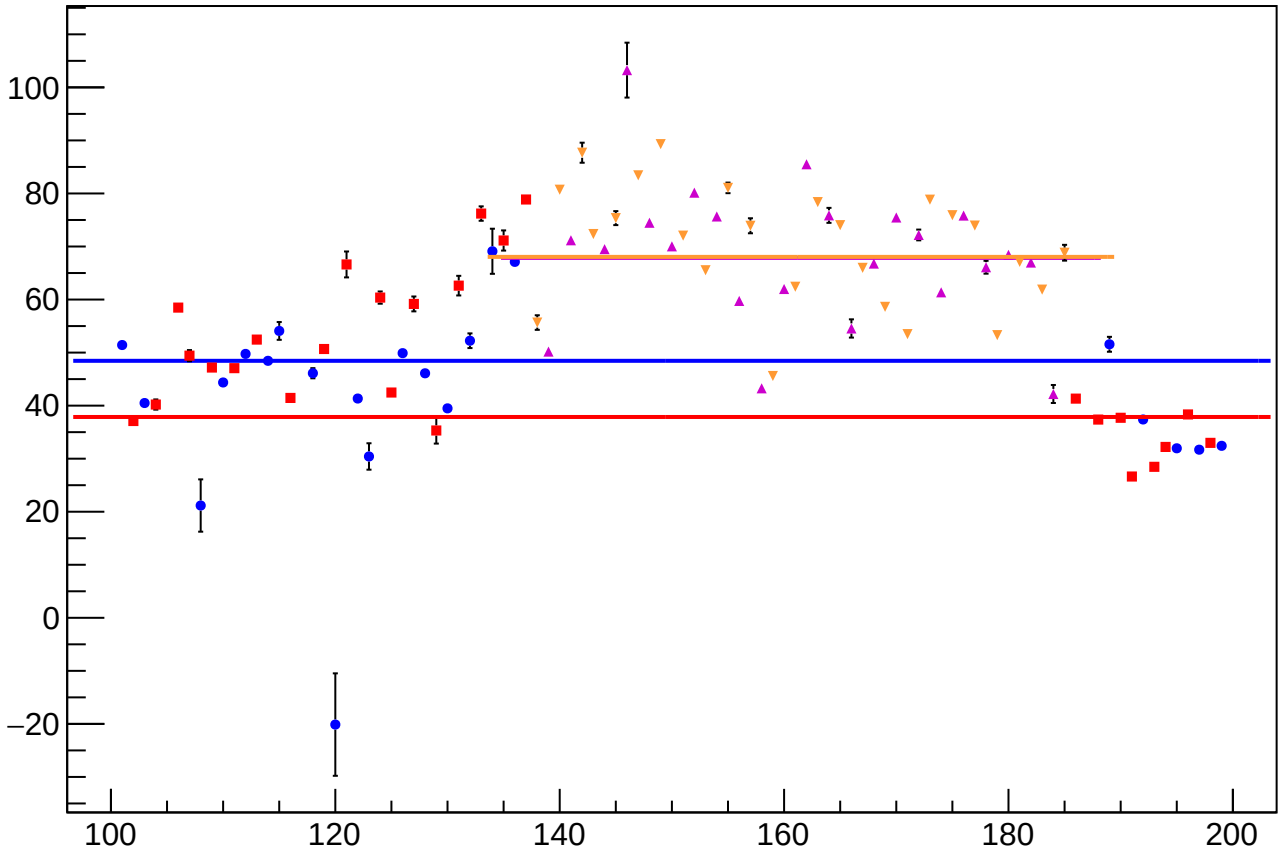
Right: 99.545+/-0.019 χ^2/NDF: 6167662.2/47

In: 115.208+/-0.008 χ^2/NDF:3388033.6/44

Out: 116.055+/-0.008 χ^2/NDF:3796247.7/50

All: 115.679+/-0.006 χ^2/NDF: 7189921.2/95

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 13023.8/21

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 37.862+/-0.085 χ^2/NDF: 13951.9/25

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

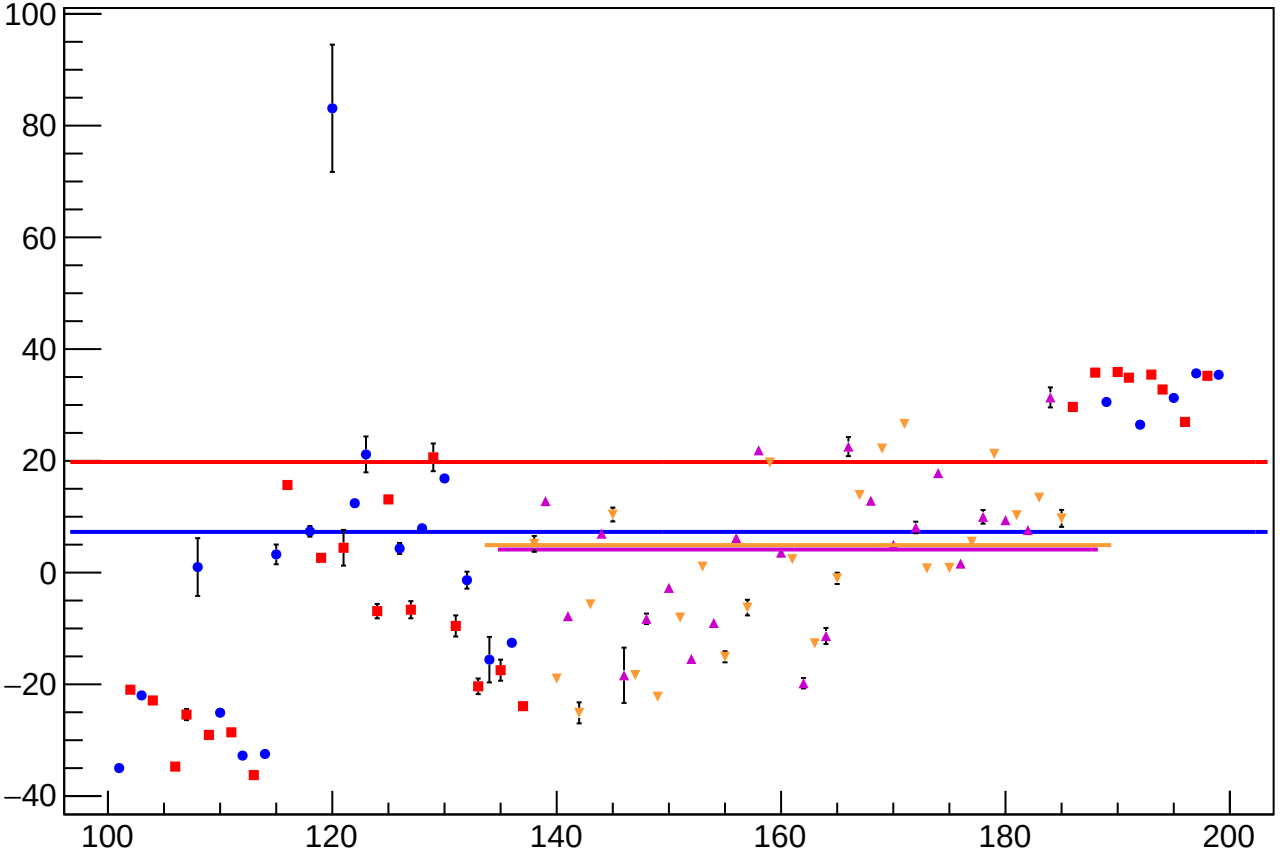
Right: 48.450+/-0.000 χ^2/NDF: 42405.8/47

In: 48.450+/-0.000 χ^2/NDF:42399.2/44

Out: 46.720+/-0.072 χ^2/NDF:57420.6/50

All: 48.450+/-0.000 χ^2/NDF: 100403.1/95

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.282+/-0.105 χ^2/NDF: 73454.2/21

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 19.795+/-0.076 χ^2/NDF: 103119.0/25

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

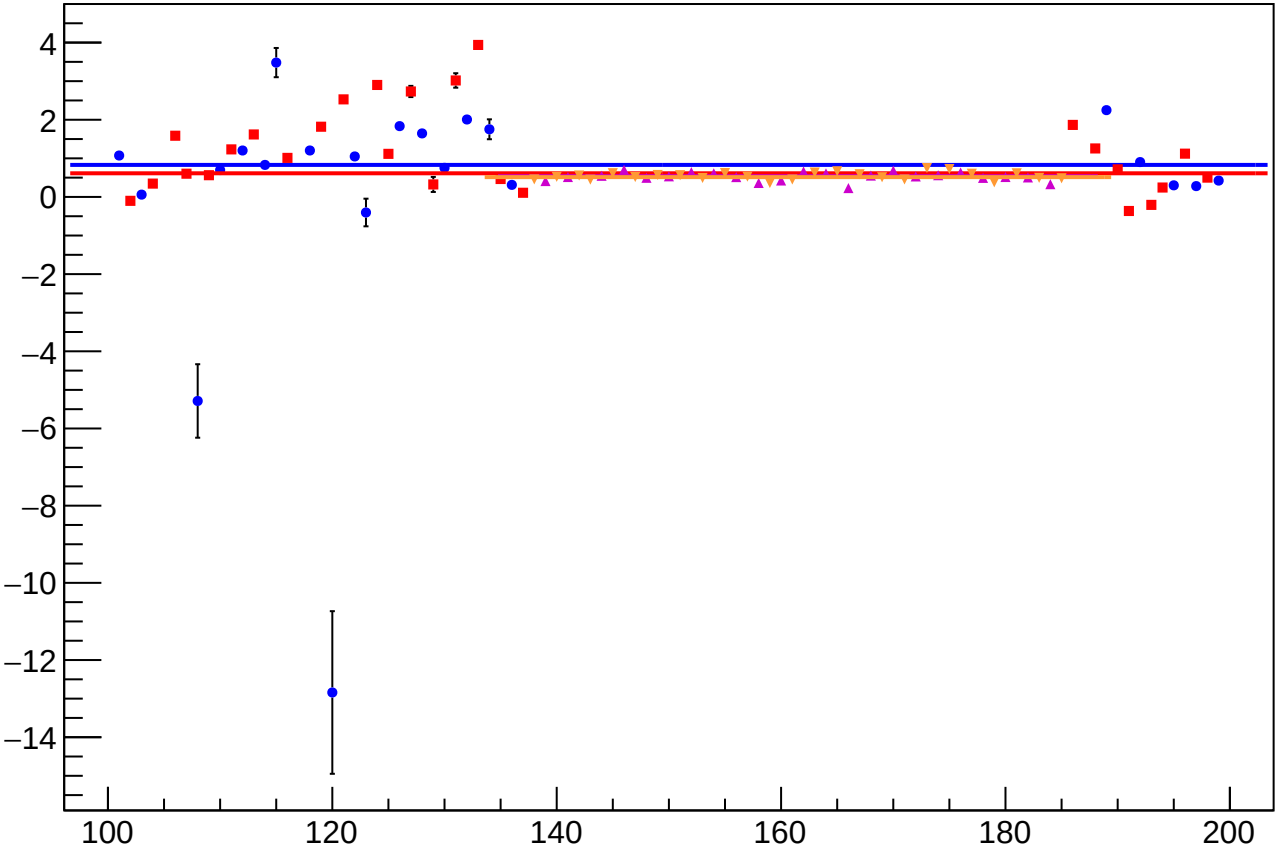
Right: 15.495+/-0.061 χ^2/NDF: 185959.9/47

In: 6.006+/-0.081 χ^2/NDF:79983.0/44

Out: 16.122+/-0.066 χ^2/NDF:123030.1/50

All: 12.092+/-0.051 χ^2/NDF: 212457.9/95

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 15954.0/21

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.613+/-0.006 χ^2/NDF: 9163.9/25

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

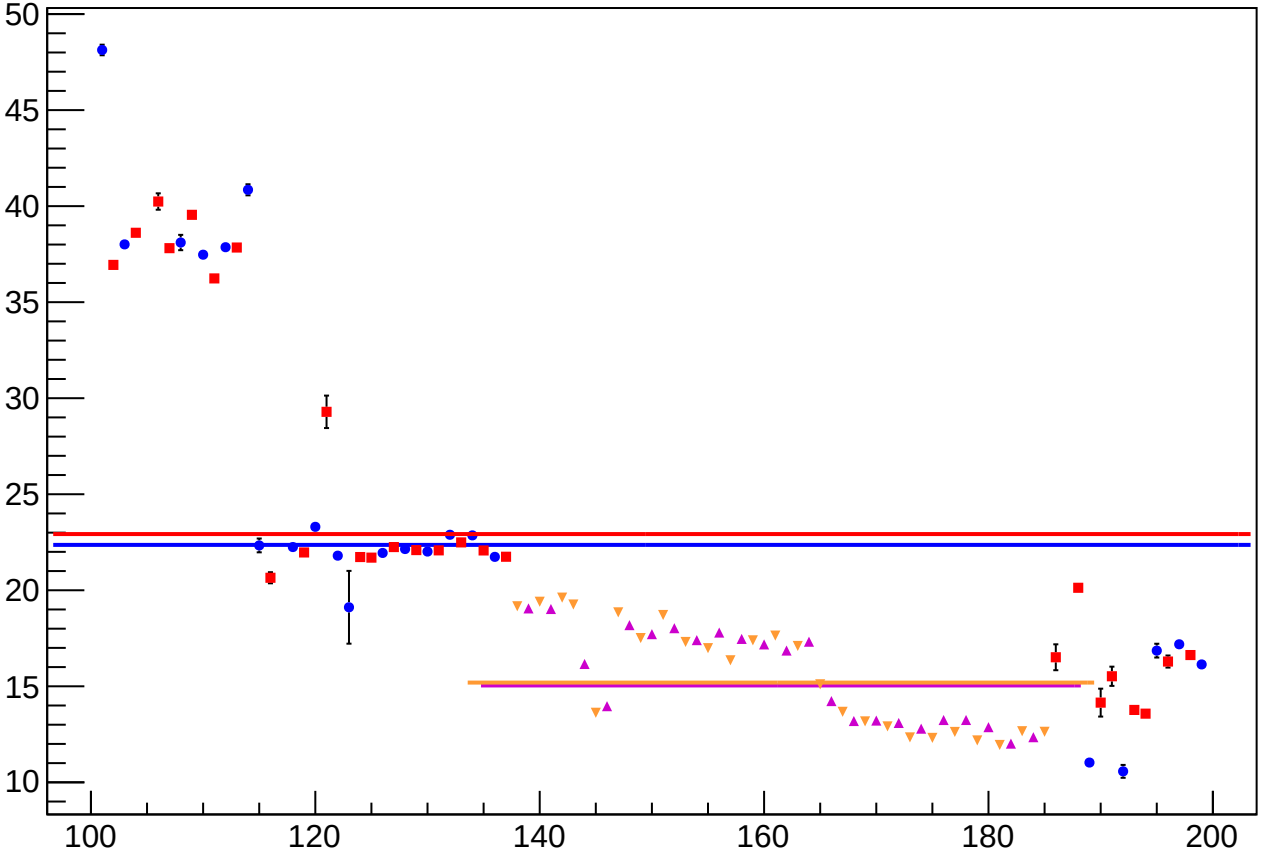
Right: 0.830+/-0.000 χ^2/NDF: 26582.7/47

In: 0.830+/-0.000 χ^2/NDF:142958.4/44

Out: 0.516+/-0.001 χ^2/NDF:24666.4/50

All: 0.830+/-0.000 χ^2/NDF: 276999.0/95

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.363+/-0.009 χ^2/NDF: 128145.9/21

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.926+/-0.009 χ^2/NDF: 171421.7/25

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

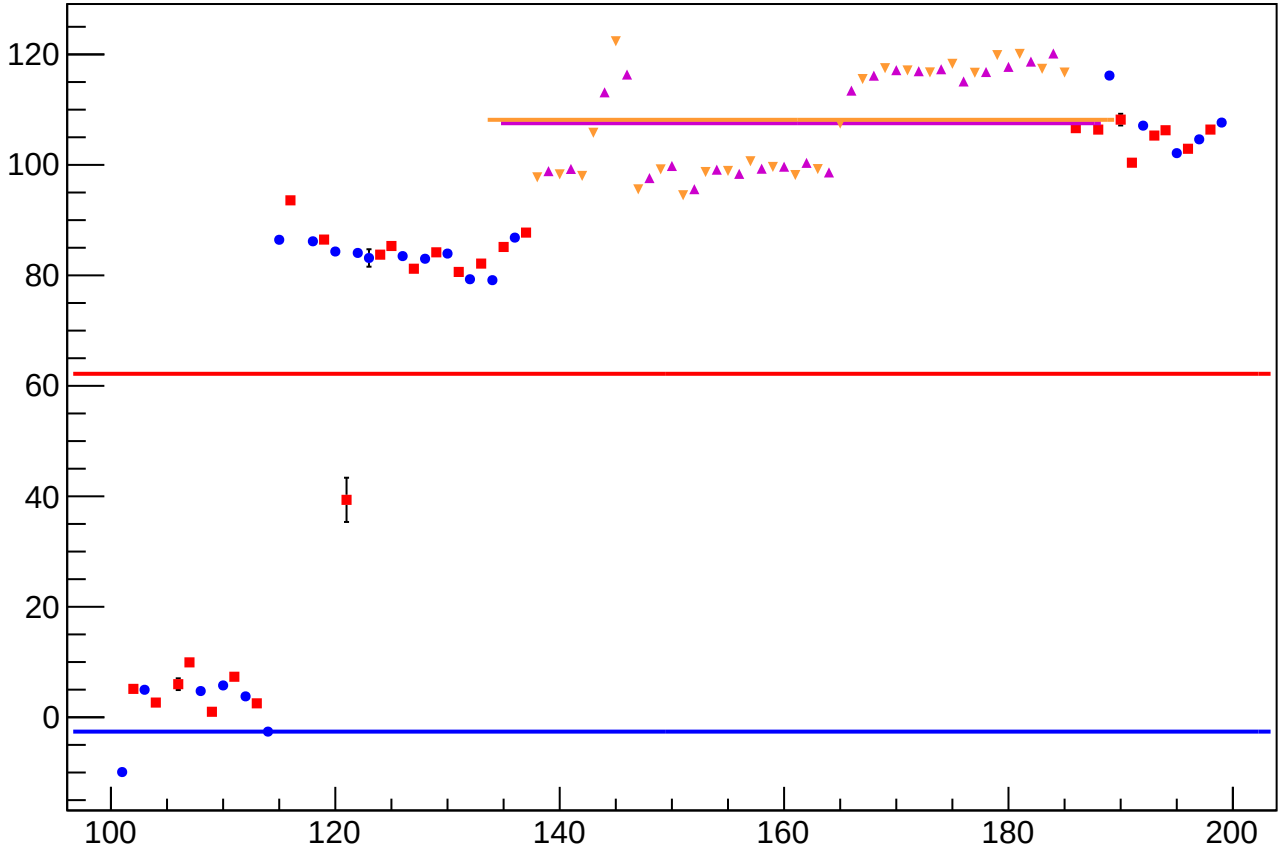
Right: 22.651+/-0.006 χ^2/NDF: 301480.0/47

In: 16.510+/-0.004 χ^2/NDF:916847.9/44

Out: 16.614+/-0.004 χ^2/NDF:1191199.3/50

All: 16.566+/-0.003 χ^2/NDF: 2108382.0/95

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 8445772.9/21

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 62.181+/-0.030 χ^2/NDF: 1688248.6/25

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

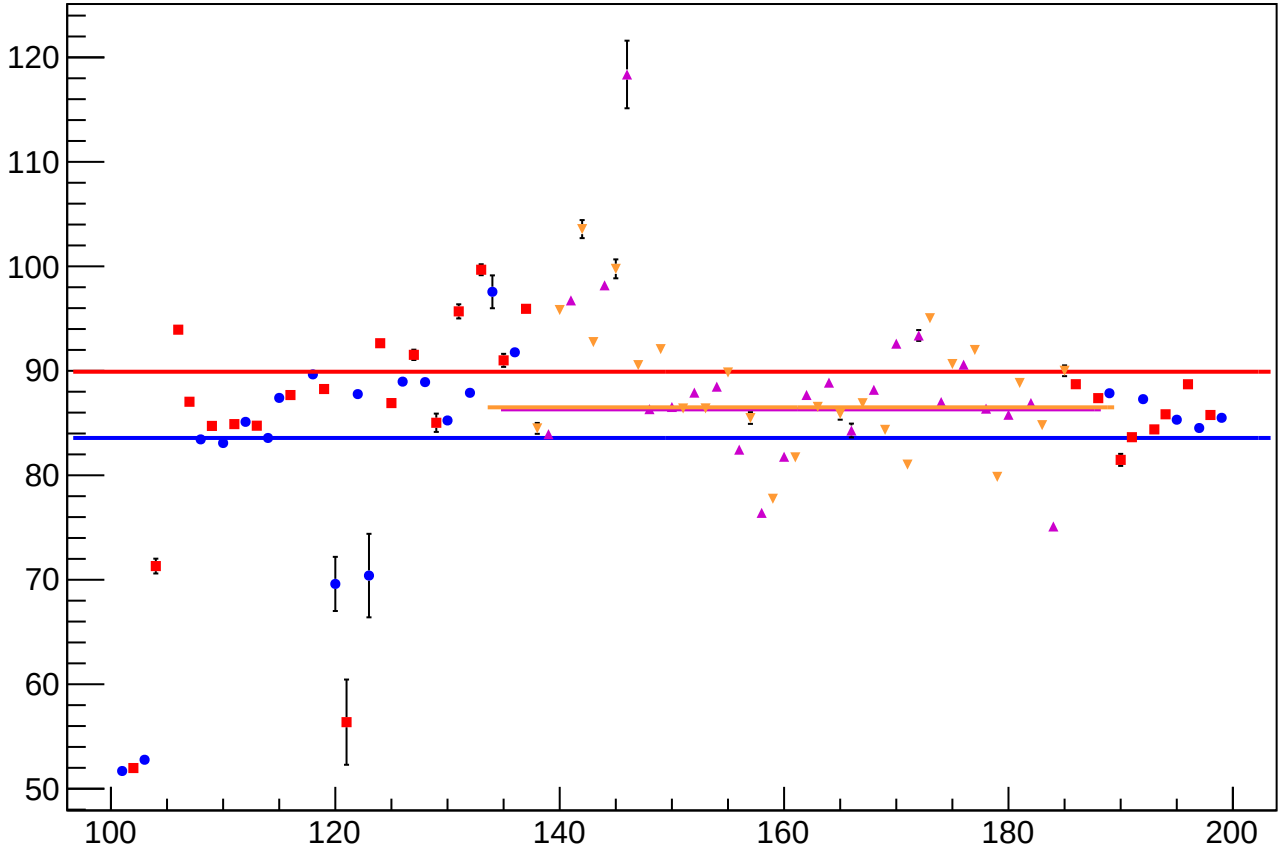
Right: -2.596+/-0.000 χ^2/NDF: 14645132.1/47

In: -2.596+/-0.000 χ^2/NDF:149001768.9/44

Out: 104.248+/-0.009 χ^2/NDF:4844531.2/50

All: -2.596+/-0.000 χ^2/NDF: 297989110.5/95

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 50801.0/21

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 89.913+/-0.021 χ^2/NDF: 77518.5/25

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

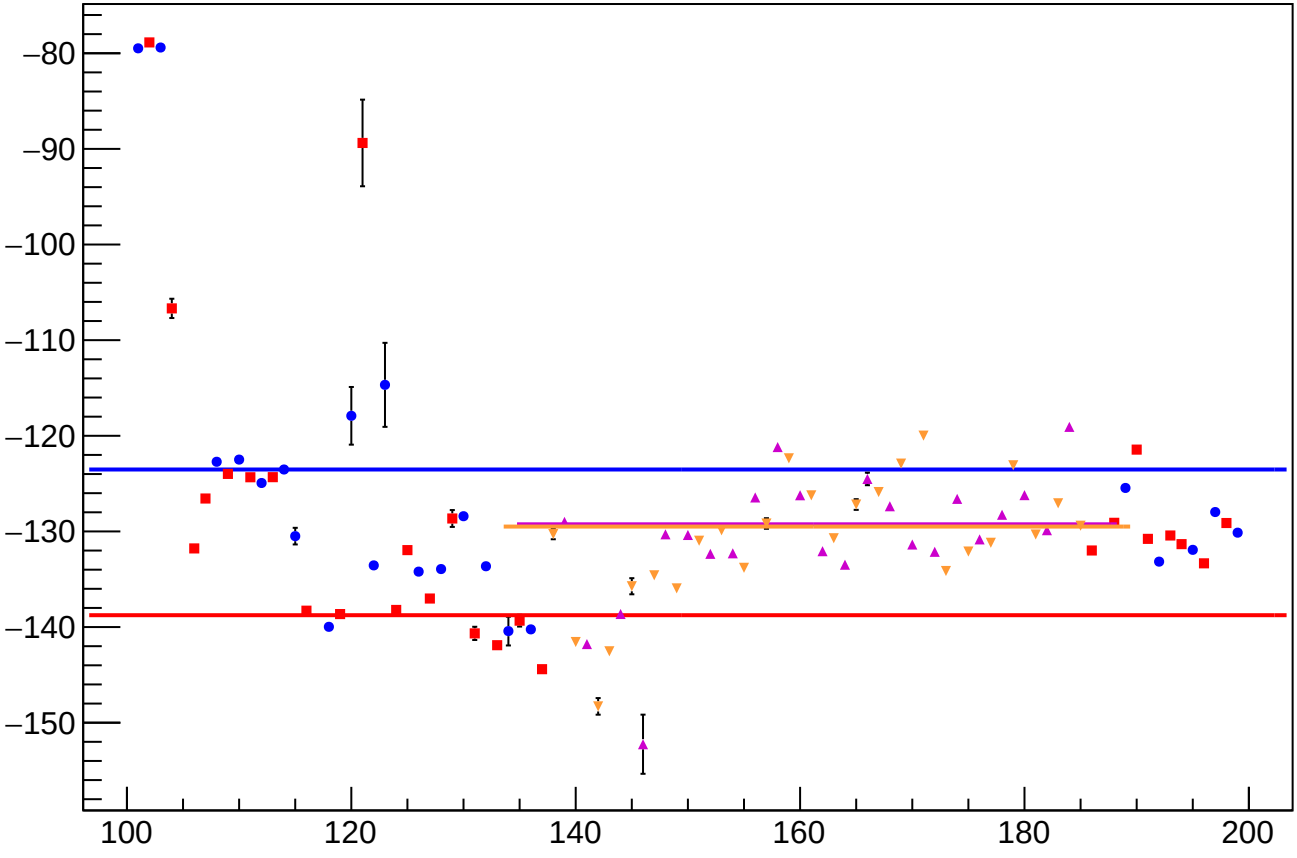
Right: 83.573+/-0.000 χ^2/NDF: 223468.7/47

In: 83.573+/-0.000 χ^2/NDF:62299.5/44

Out: 89.554+/-0.019 χ^2/NDF:88965.3/50

All: 83.573+/-0.000 χ^2/NDF: 245914.5/95

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 179727.9/21

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.760+/-0.016 χ^2/NDF: 297008.2/25

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

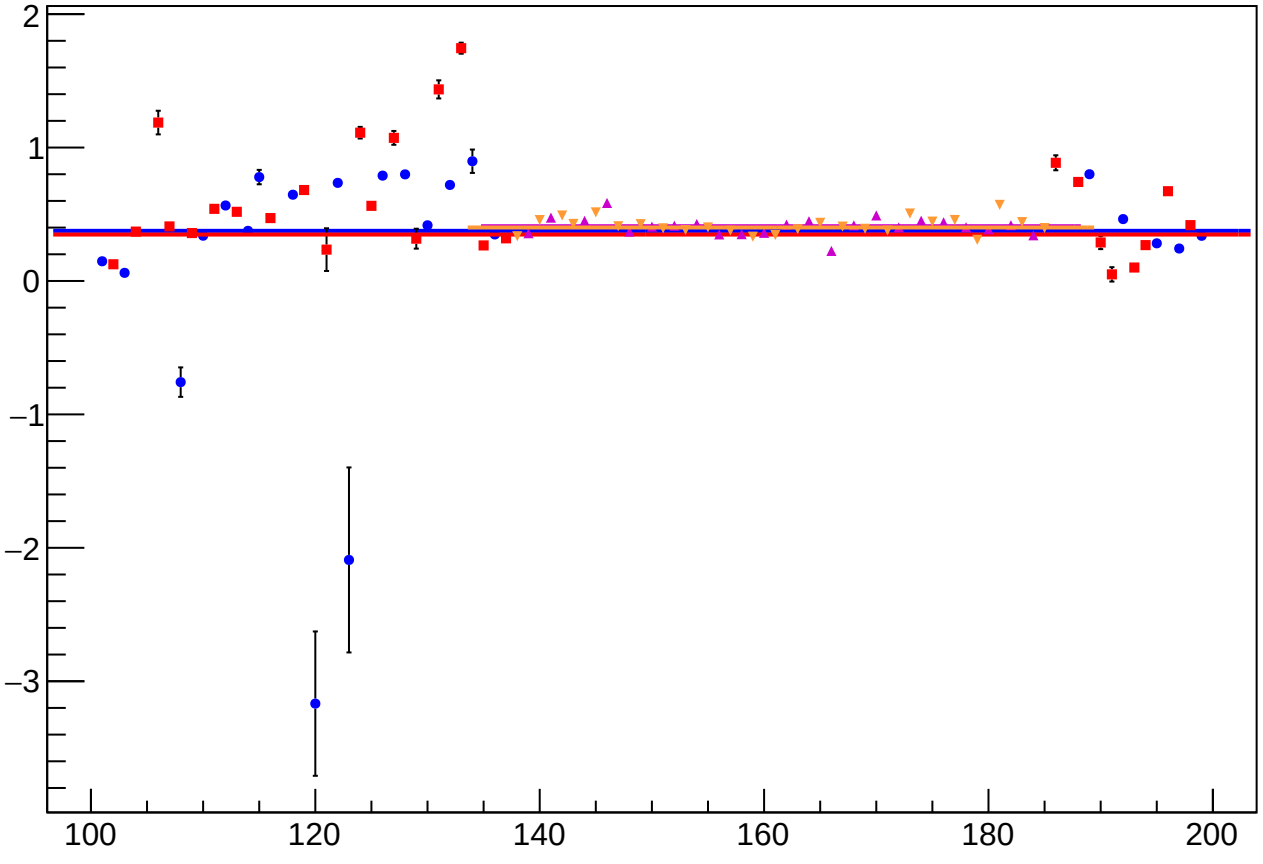
Right: -123.524+/-0.000 χ^2/NDF: 1332761.7/47

In: -123.524+/-0.000 χ^2/NDF:198648.9/44

Out: -138.094+/-0.016 χ^2/NDF:330525.1/50

All: -123.524+/-0.000 χ^2/NDF: 1372617.8/95

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 4320.2/21

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.348+/-0.001 χ^2/NDF: 6341.0/25

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

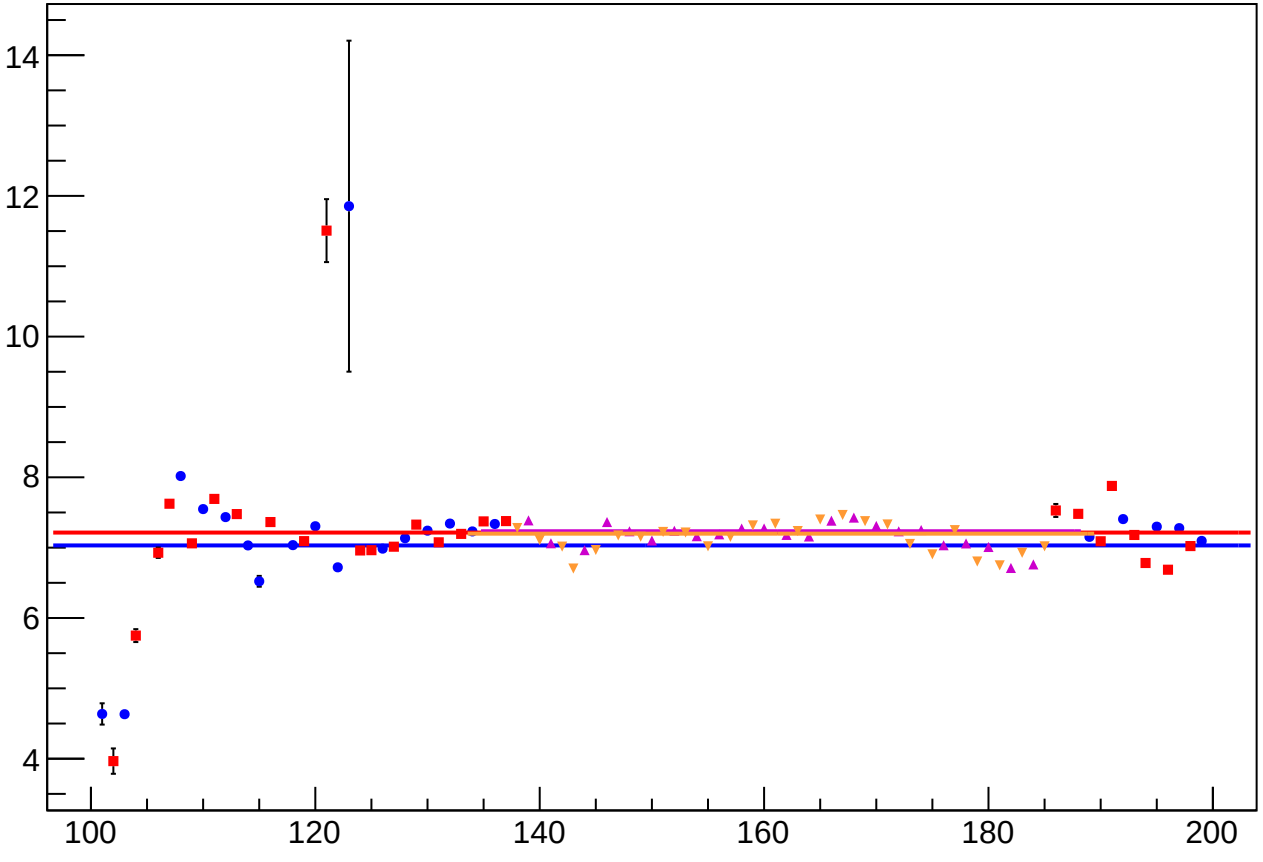
Right: 0.376+/-0.000 χ^2/NDF: 11028.8/47

In: 0.376+/-0.000 χ^2/NDF:18691.3/44

Out: 0.395+/-0.000 χ^2/NDF:16555.0/50

All: 0.376+/-0.000 χ^2/NDF: 36940.2/95

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 20651.3/21

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.214+/-0.002 χ^2/NDF: 10715.9/25

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

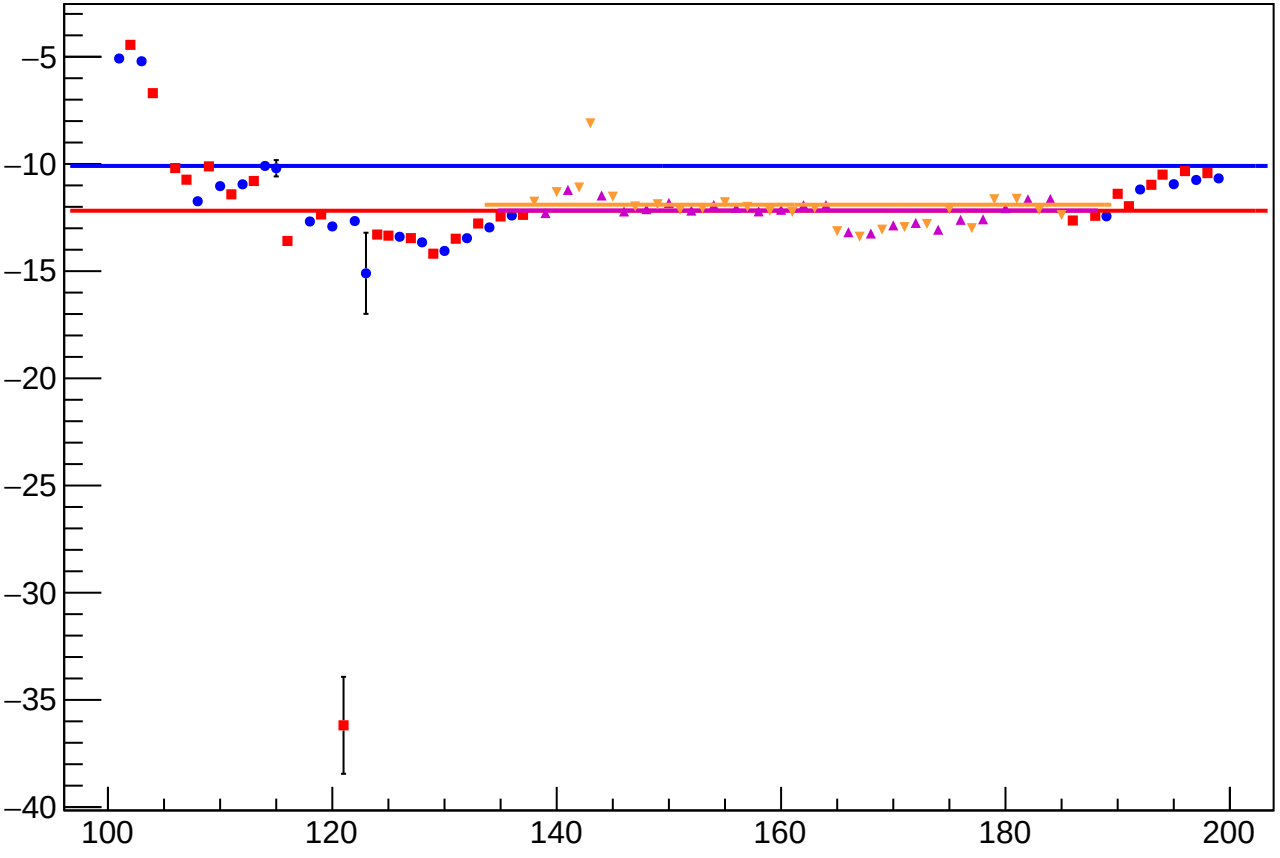
Right: 7.032+/-0.000 χ^2/NDF: 37805.9/47

In: 7.032+/-0.000 χ^2/NDF:102497.6/44

Out: 7.201+/-0.001 χ^2/NDF:48210.4/50

All: 7.032+/-0.000 χ^2/NDF: 191456.9/95

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 553866.7/21

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.181+/-0.003 χ^2/NDF: 148757.1/25

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

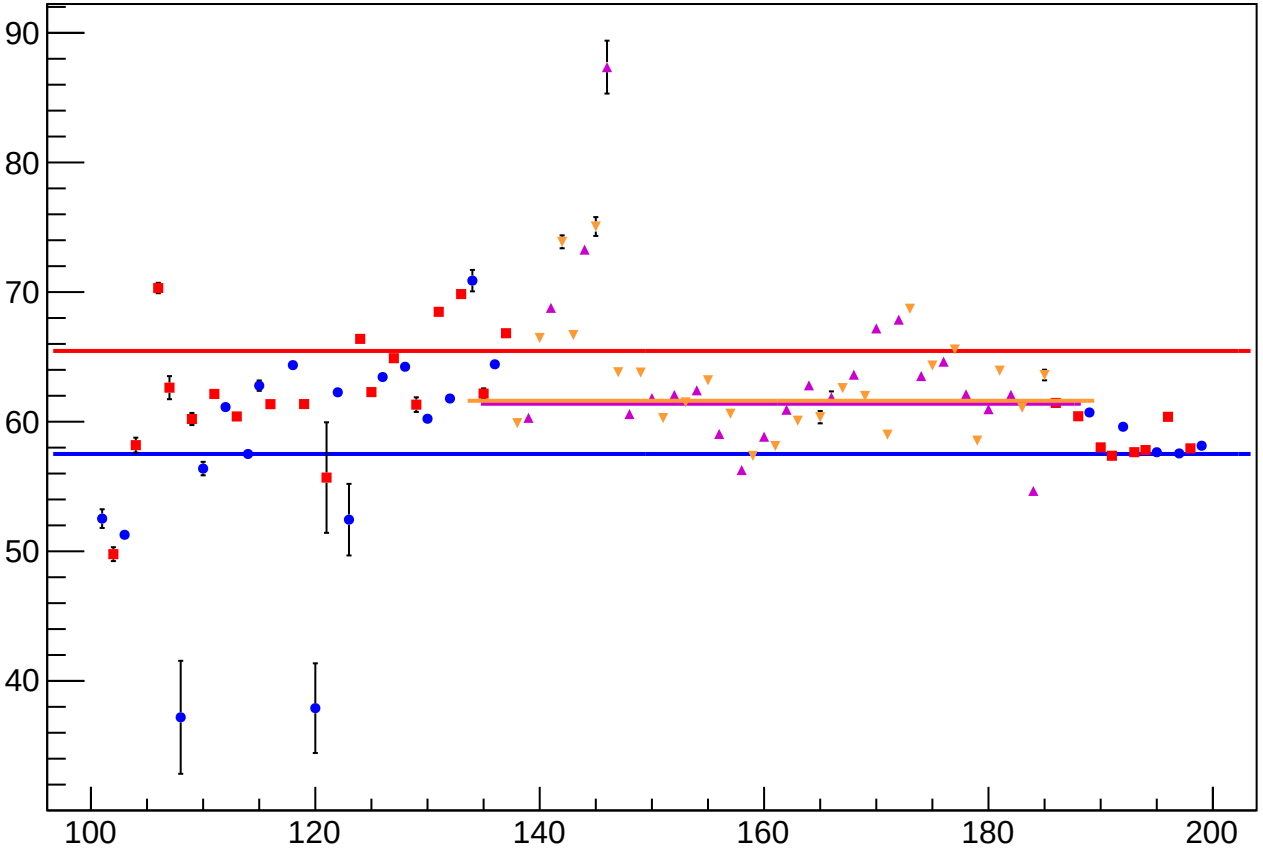
Right: -10.092+/-0.000 χ^2/NDF: 1094848.8/47

In: -10.092+/-0.000 χ^2/NDF:2086282.4/44

Out: -11.957+/-0.002 χ^2/NDF:653291.5/50

All: -10.092+/-0.000 χ^2/NDF: 4269228.1/95

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 9370.0/21

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.458+/-0.012 χ^2/NDF: 65995.4/25

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

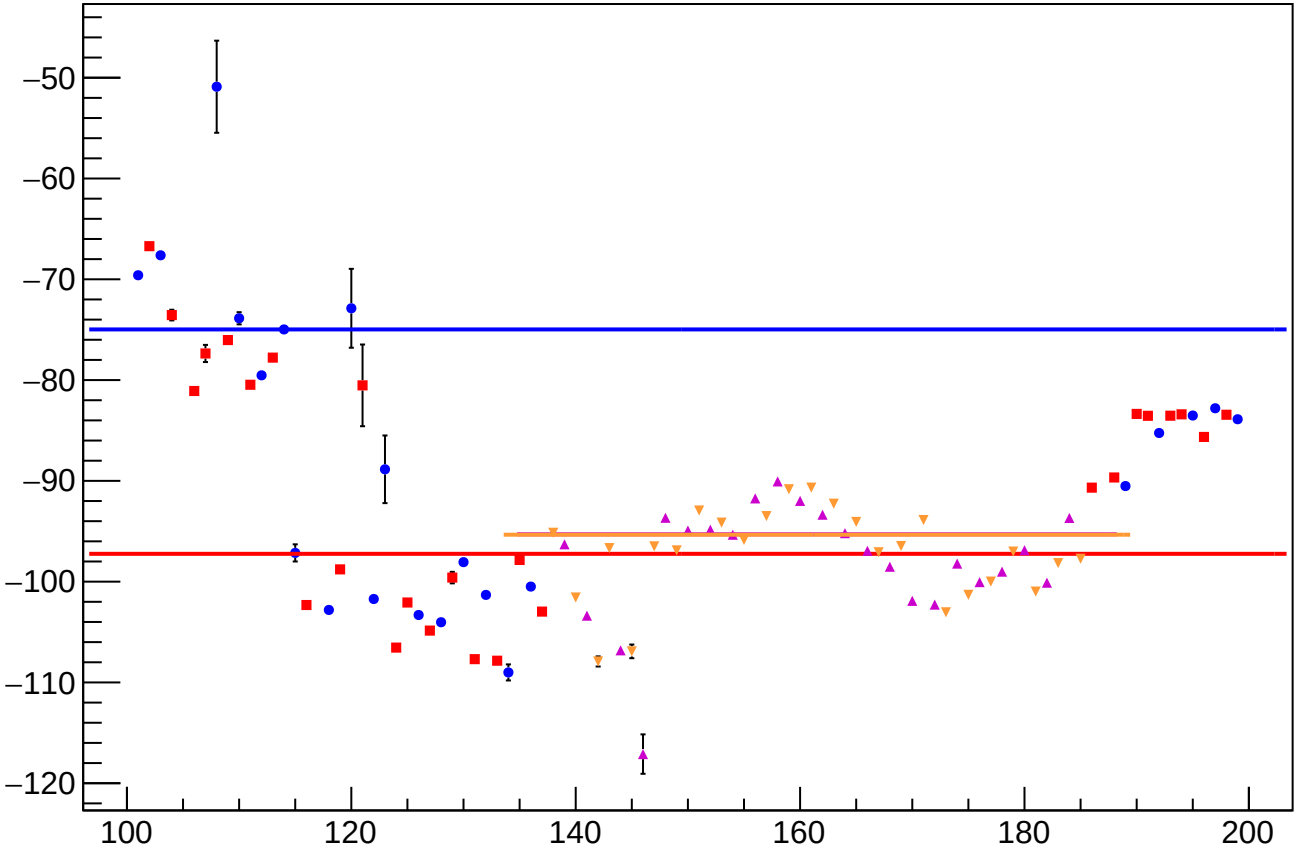
Right: 57.510+/-0.000 χ^2/NDF: 507164.1/47

In: 57.510+/-0.000 χ^2/NDF:32422.7/44

Out: 65.119+/-0.012 χ^2/NDF:82653.5/50

All: 57.510+/-0.000 χ^2/NDF: 549114.6/95

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 206949.0/21

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -97.238+/-0.015 χ^2/NDF: 345653.7/25

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

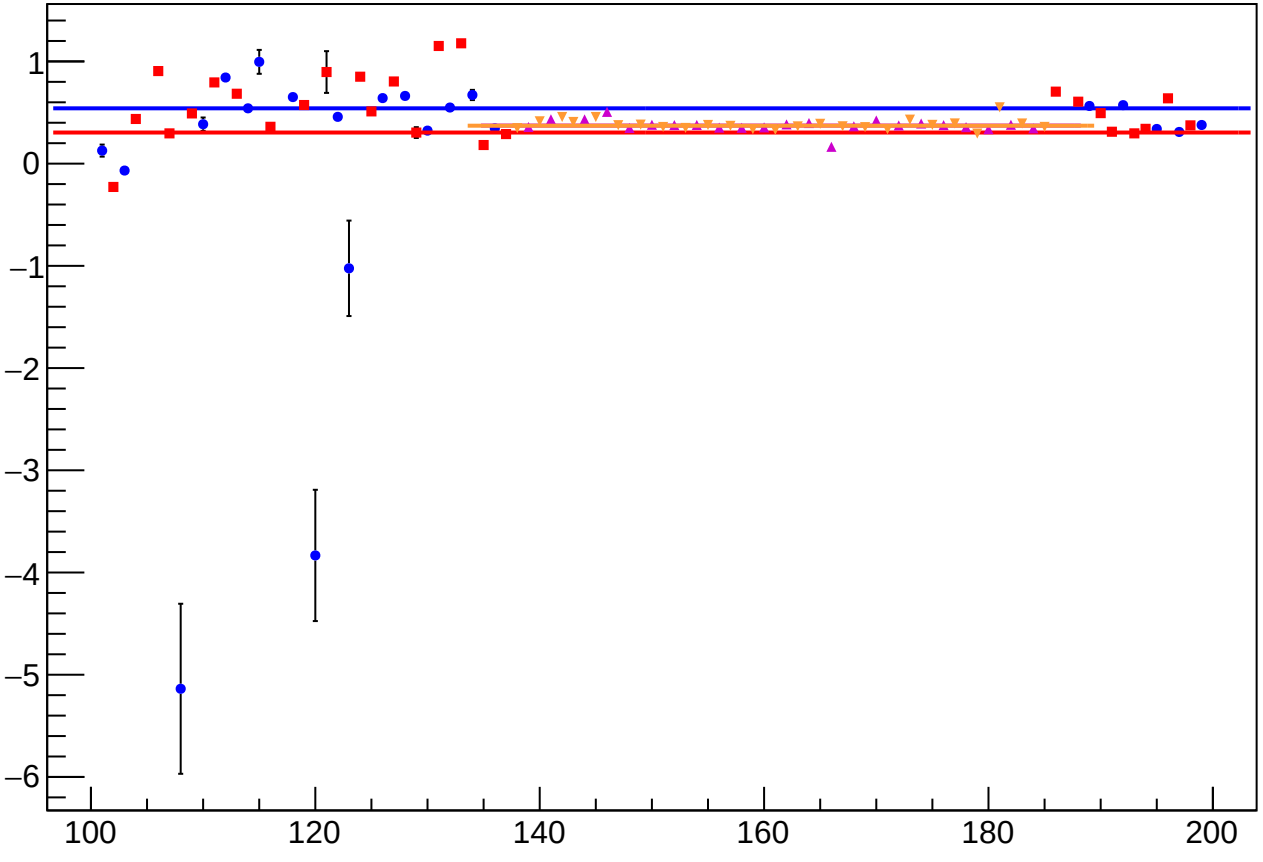
Right: -74.974+/-0.000 χ^2/NDF: 2760005.1/47

In: -74.974+/-0.000 χ^2/NDF:593172.6/44

Out: -96.991+/-0.014 χ^2/NDF:357127.3/50

All: -74.974+/-0.000 χ^2/NDF: 3432577.4/95

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 30908.2/21

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.304+/-0.001 χ^2/NDF: 11294.5/25

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

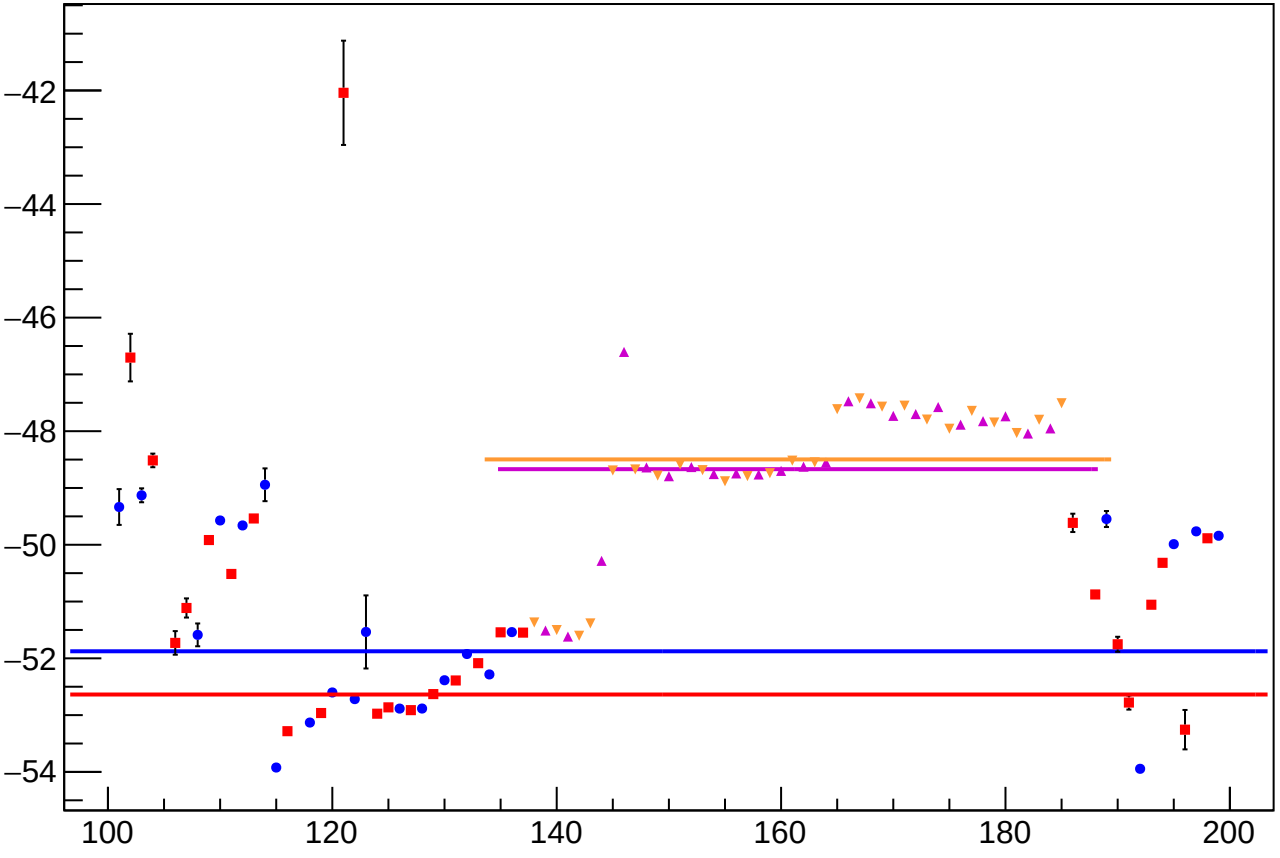
Right: 0.541+/-0.000 χ^2/NDF: 130584.4/47

In: 0.541+/-0.000 χ^2/NDF:336044.7/44

Out: 0.359+/-0.000 χ^2/NDF:23879.7/50

All: 0.541+/-0.000 χ^2/NDF: 653832.1/95

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.876+/-0.002 χ^2/NDF: 83789.3/21

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.637+/-0.003 χ^2/NDF: 73965.1/25

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

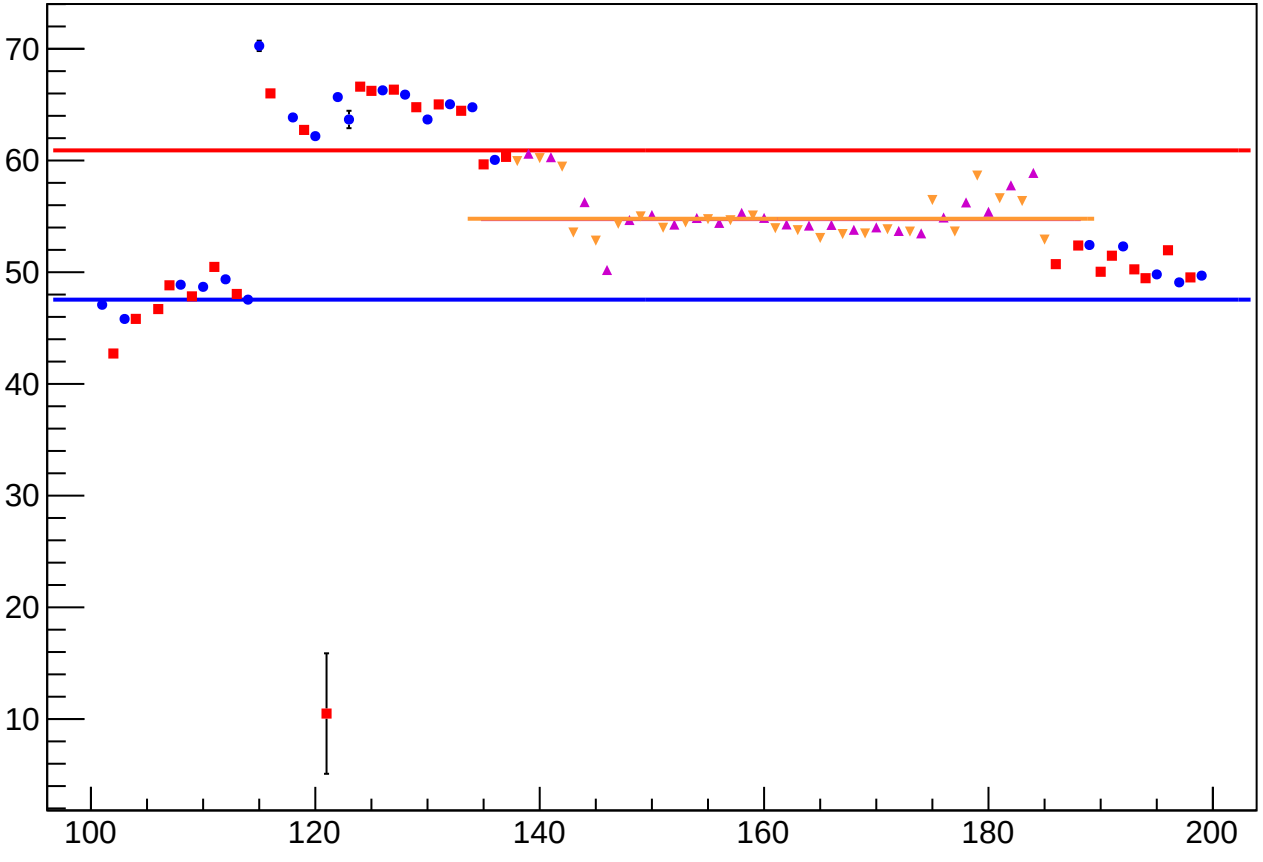
Right: -52.206+/-0.002 χ^2/NDF: 208807.8/47

In: -49.153+/-0.001 χ^2/NDF:2664805.3/44

Out: -49.119+/-0.001 χ^2/NDF:3041308.3/50

All: -49.138+/-0.001 χ^2/NDF: 5706795.8/95

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3612338.1/21

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 60.907+/-0.007 χ^2/NDF: 853556.5/25

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

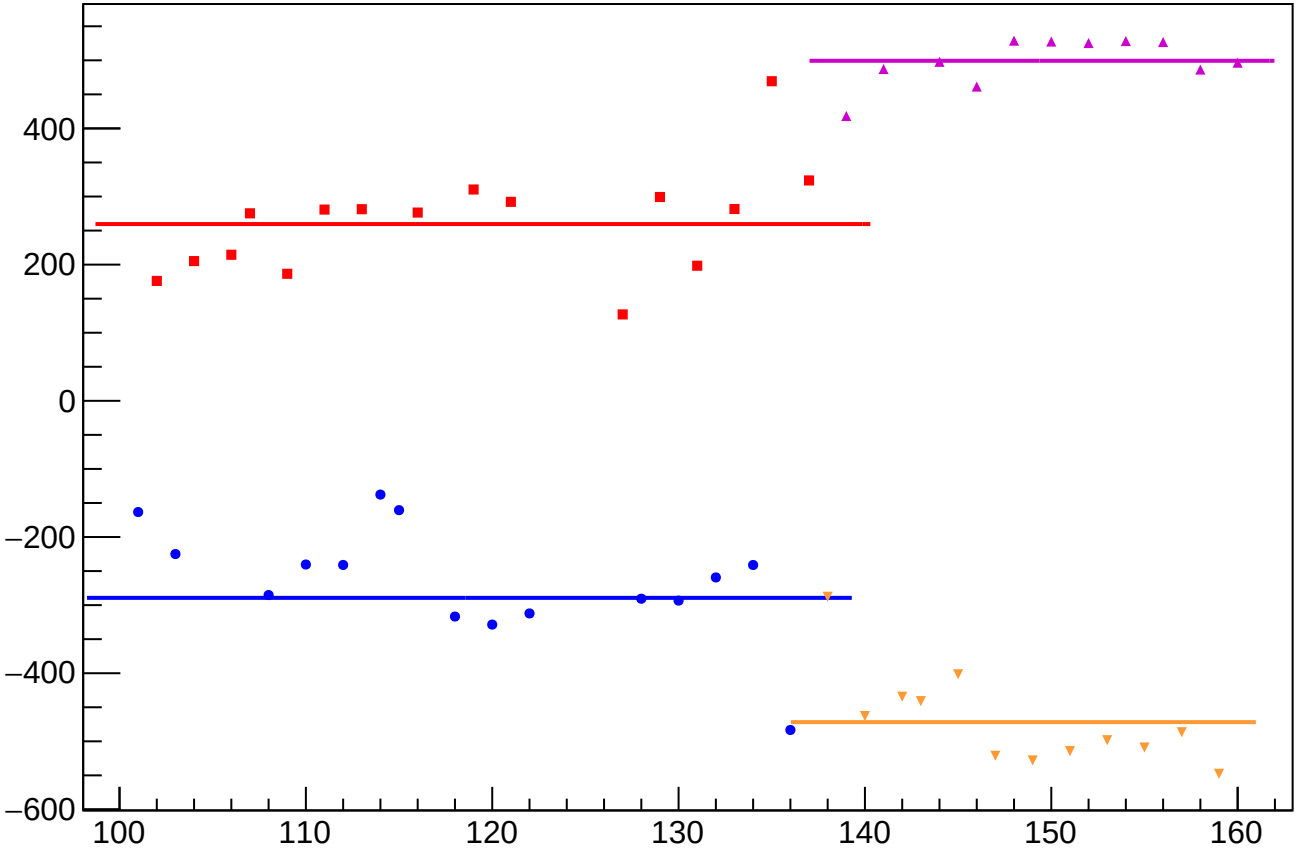
Right: 47.545+/-0.000 χ^2/NDF: 8298085.1/47

In: 47.545+/-0.000 χ^2/NDF:11367897.6/44

Out: 55.747+/-0.003 χ^2/NDF:1832528.1/50

All: 47.545+/-0.000 χ^2/NDF: 22402495.4/95

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

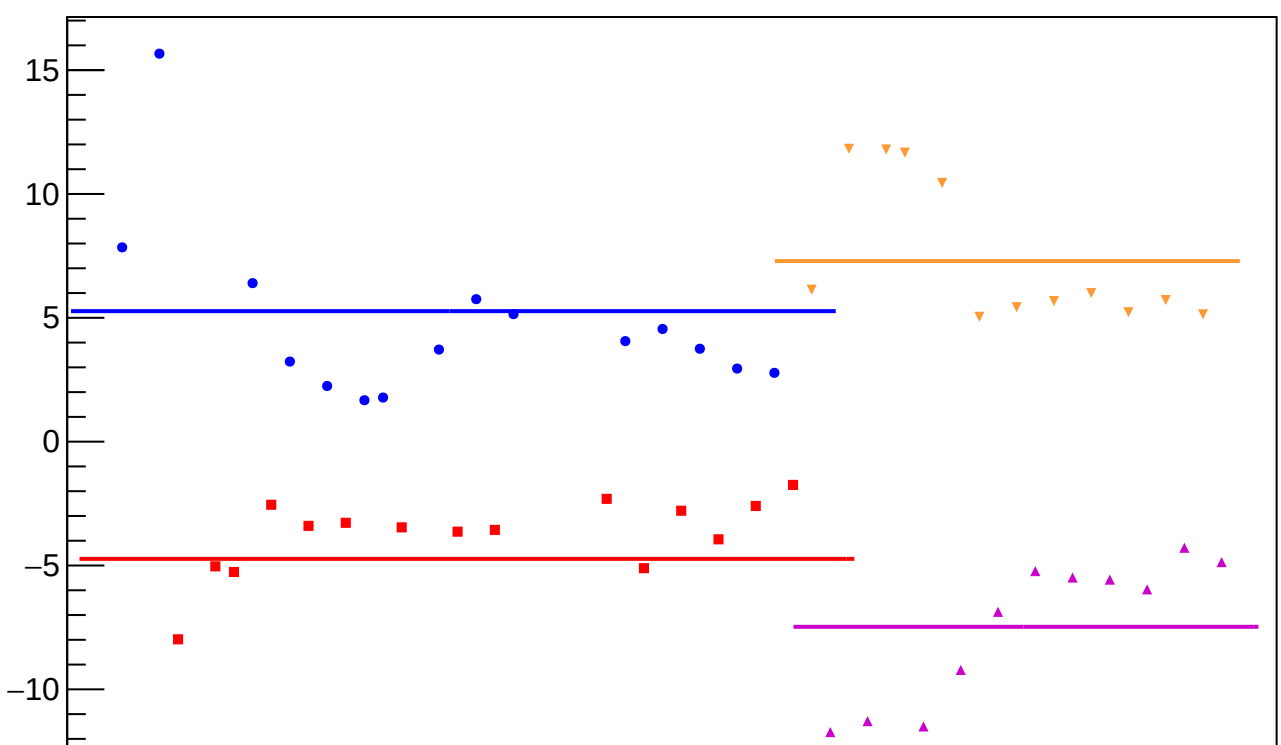
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

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

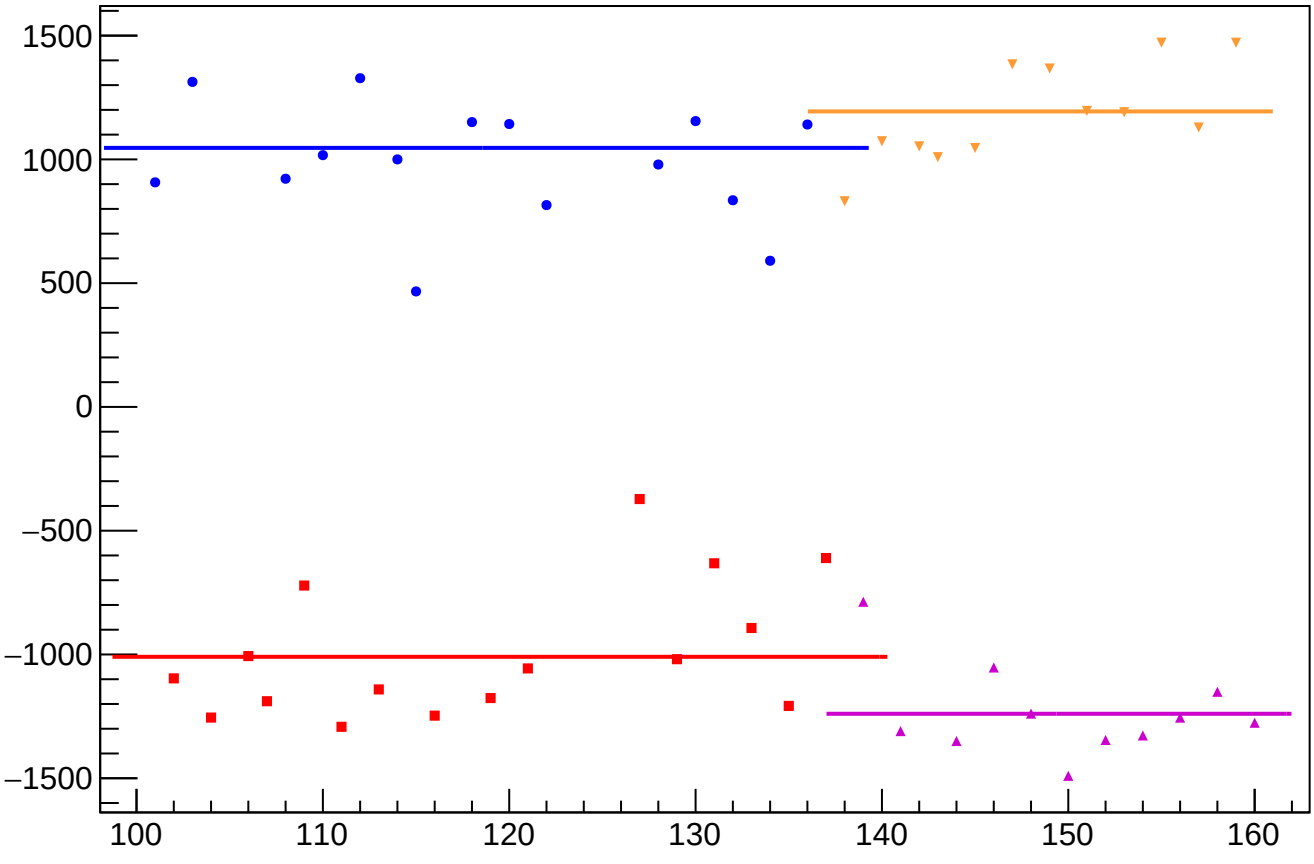
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

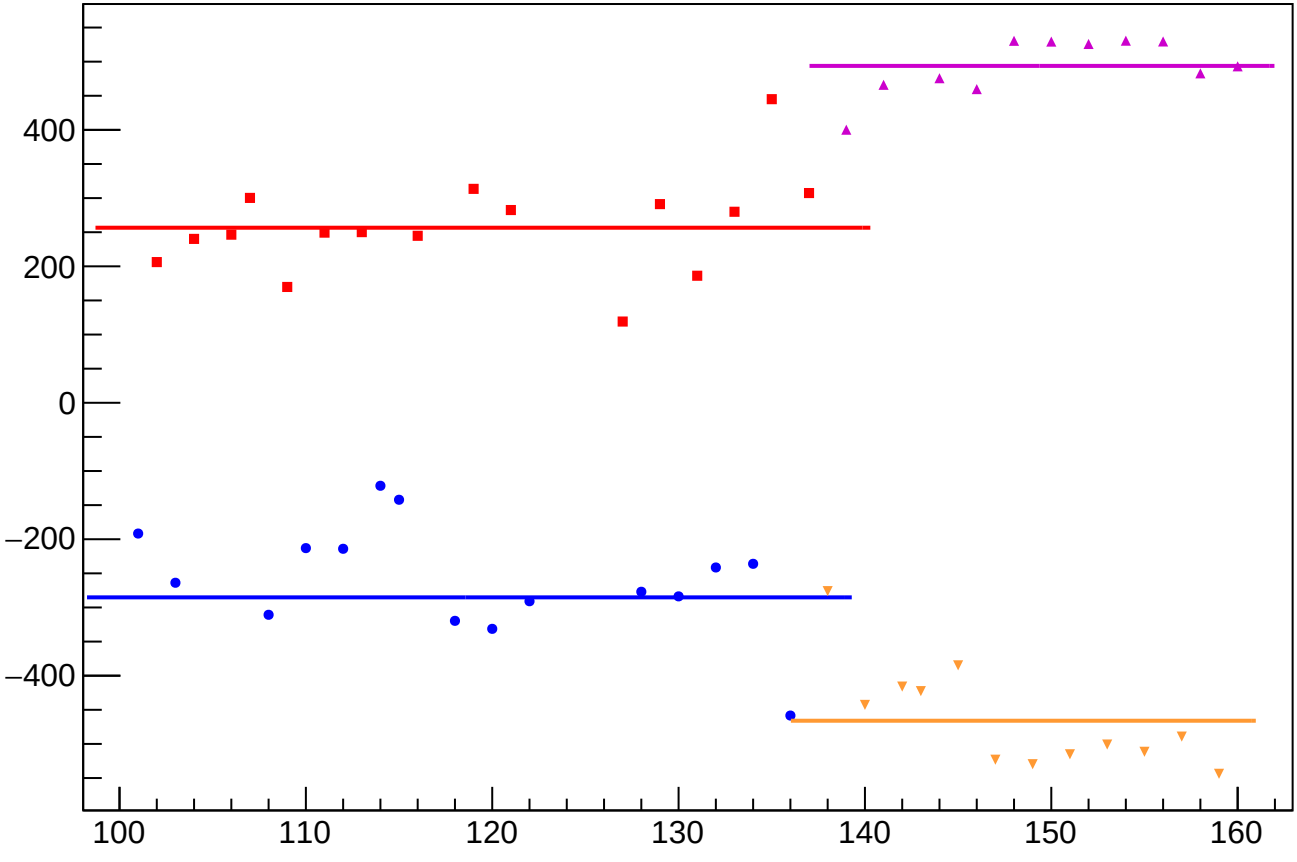
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



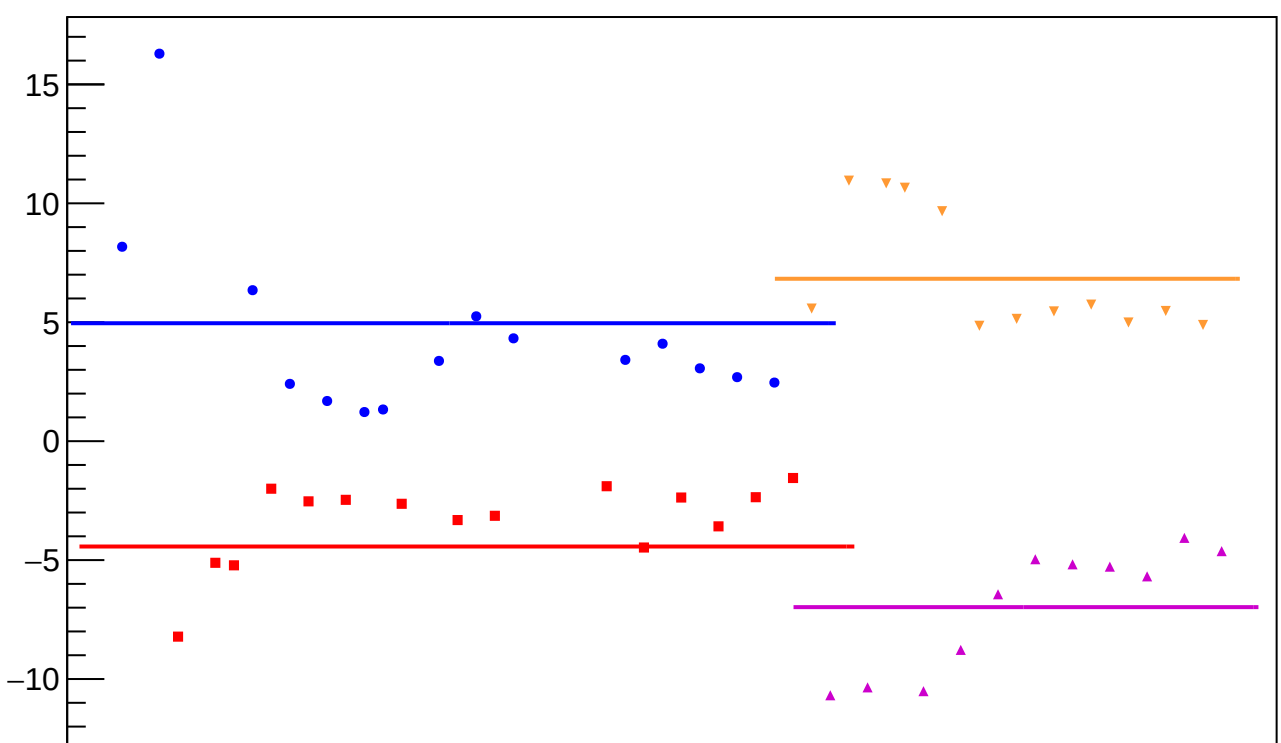
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

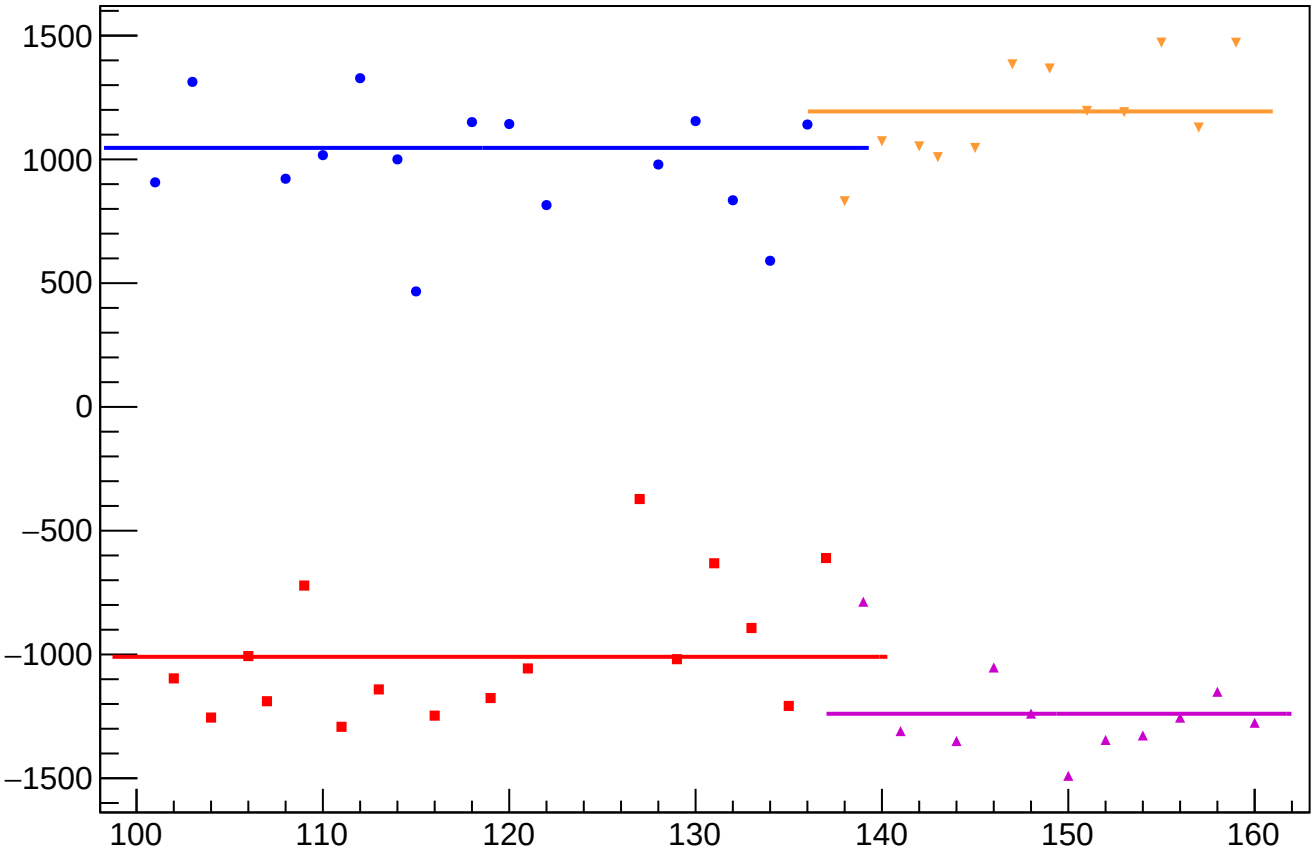
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

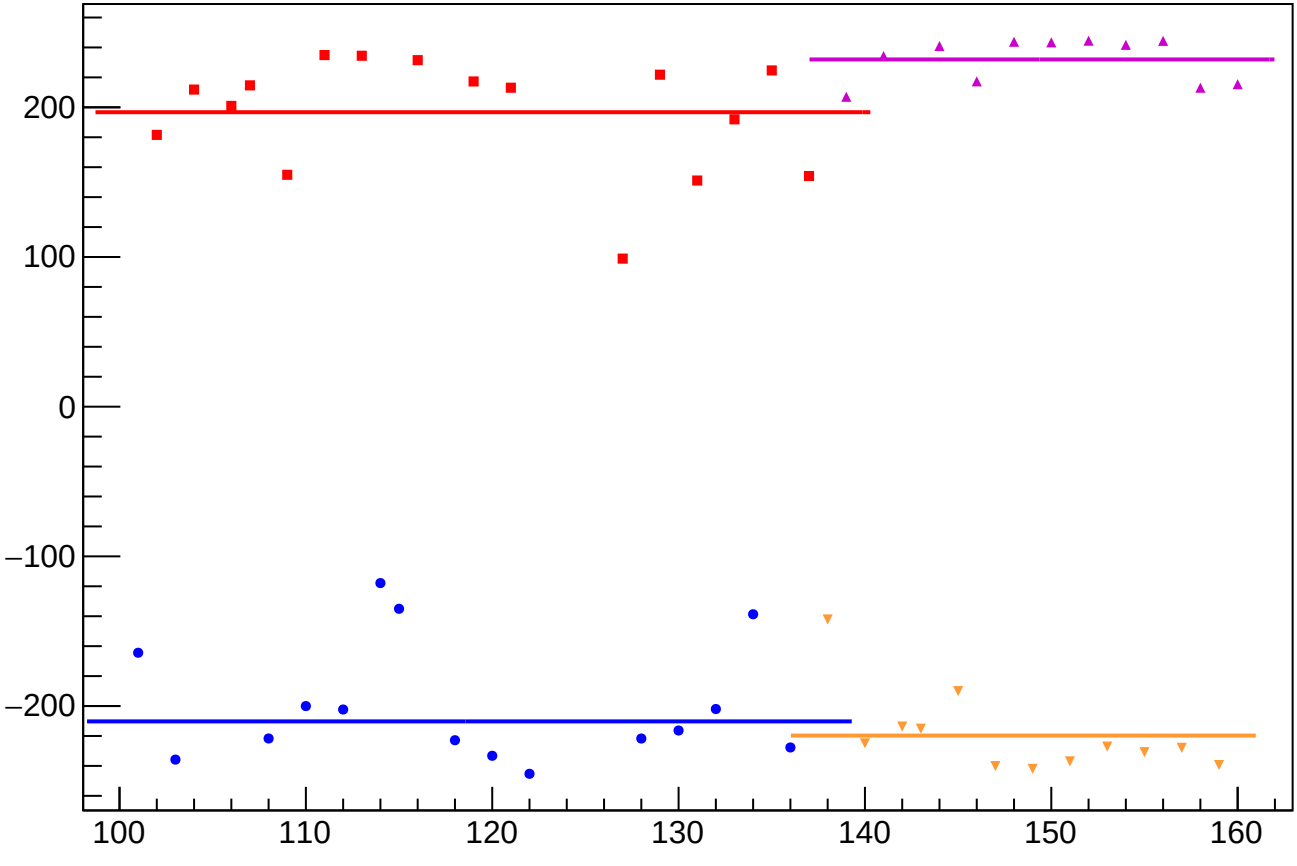
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

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

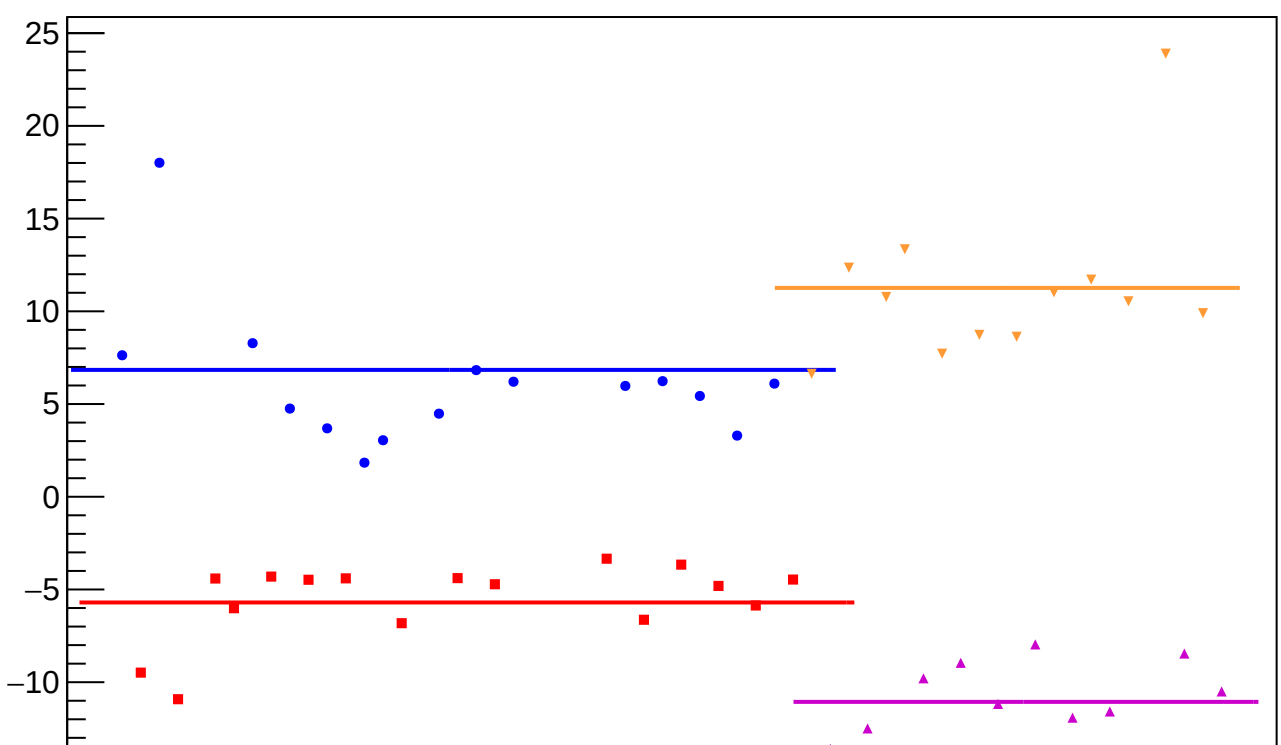
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

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

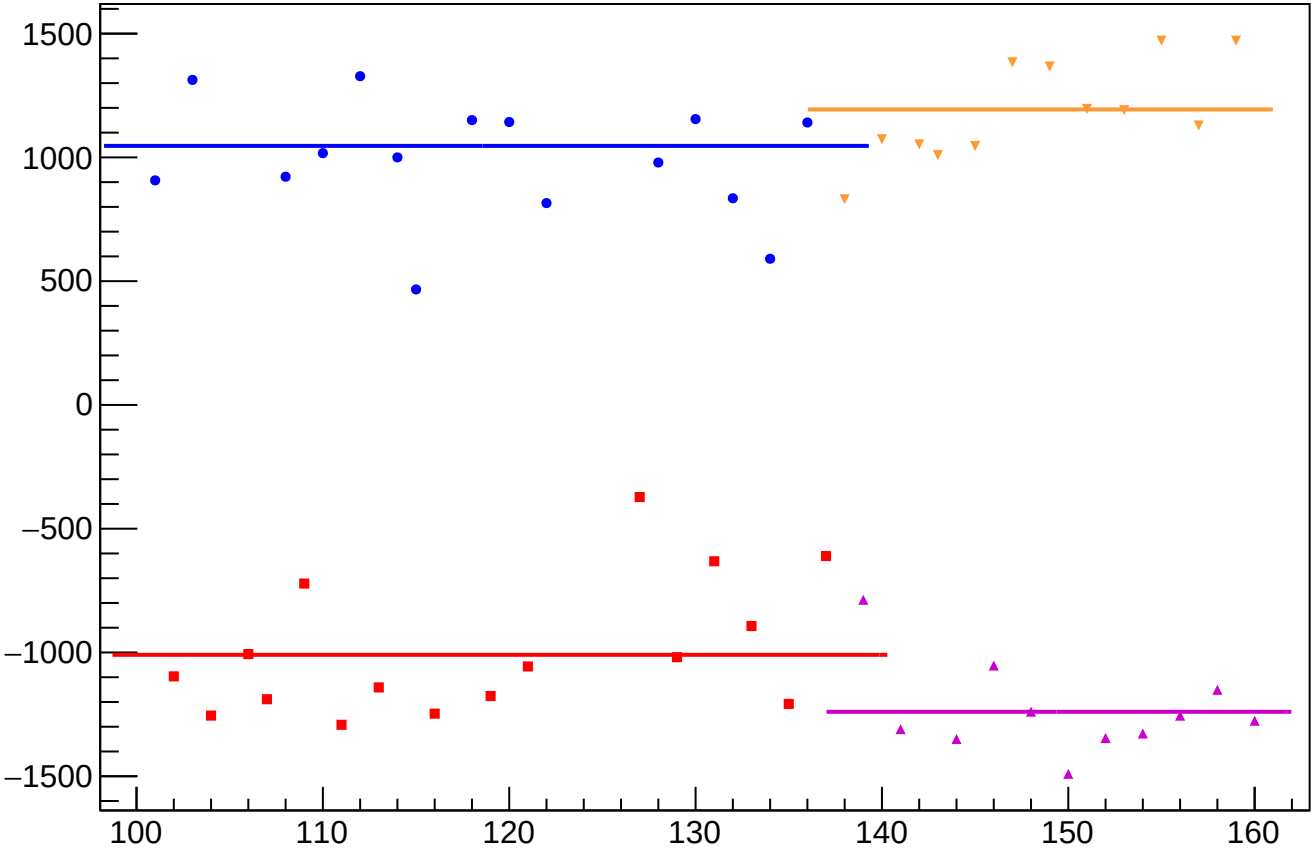
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

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

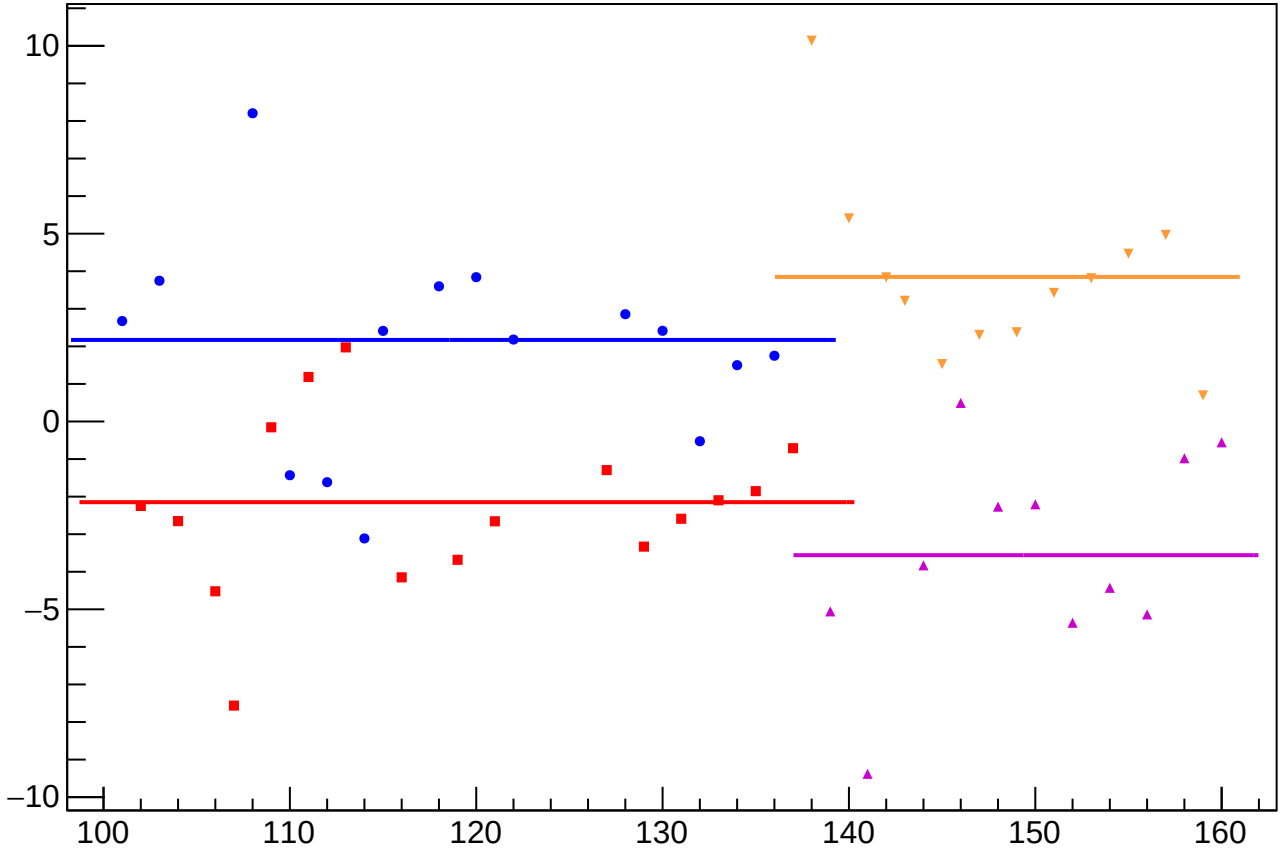
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

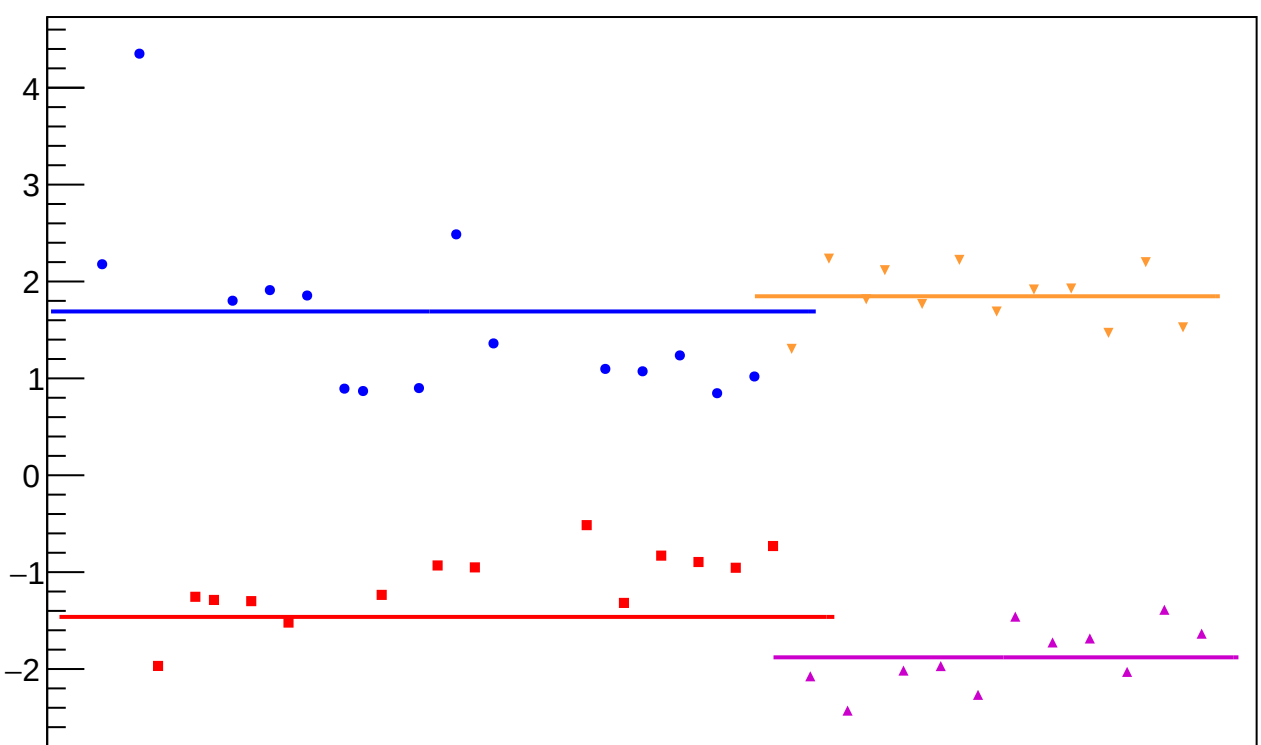
All: -15.348+/-0.000 χ^2/NDF: 424479012287

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

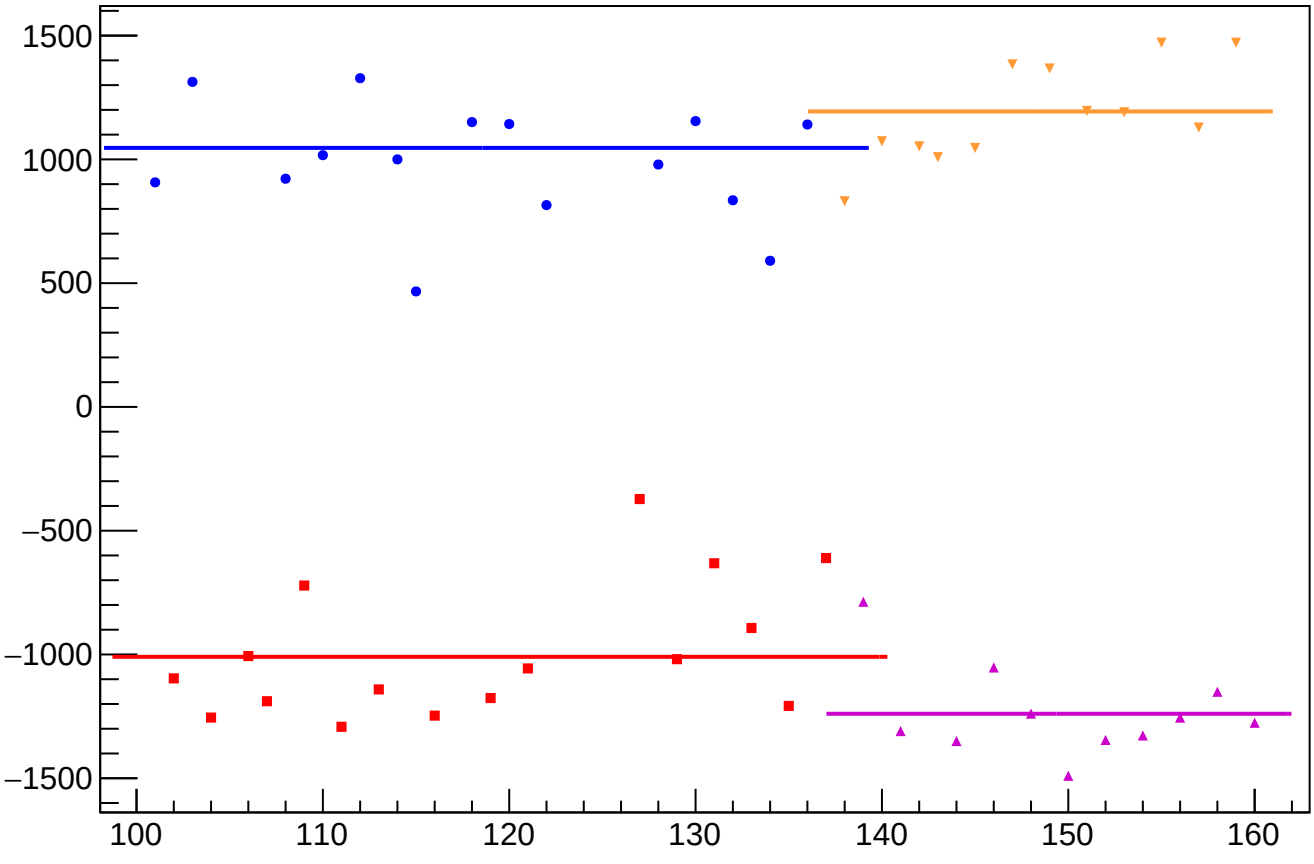
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

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

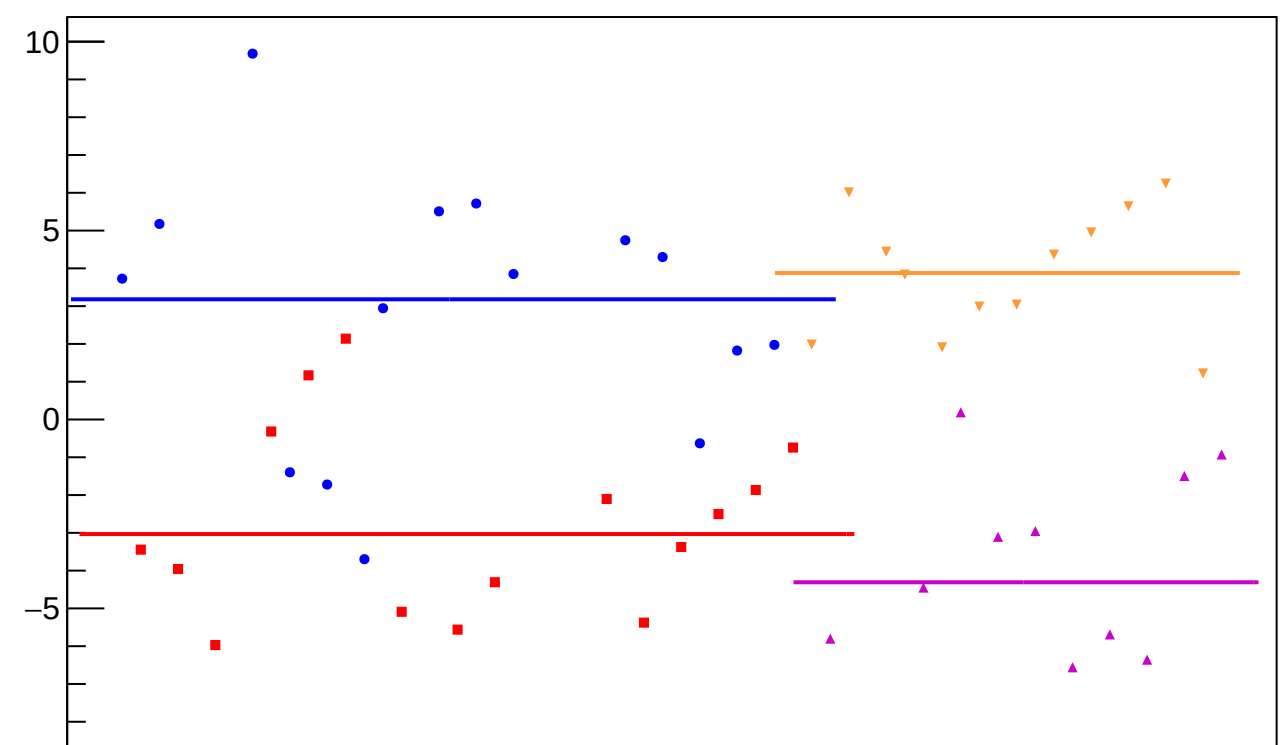
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

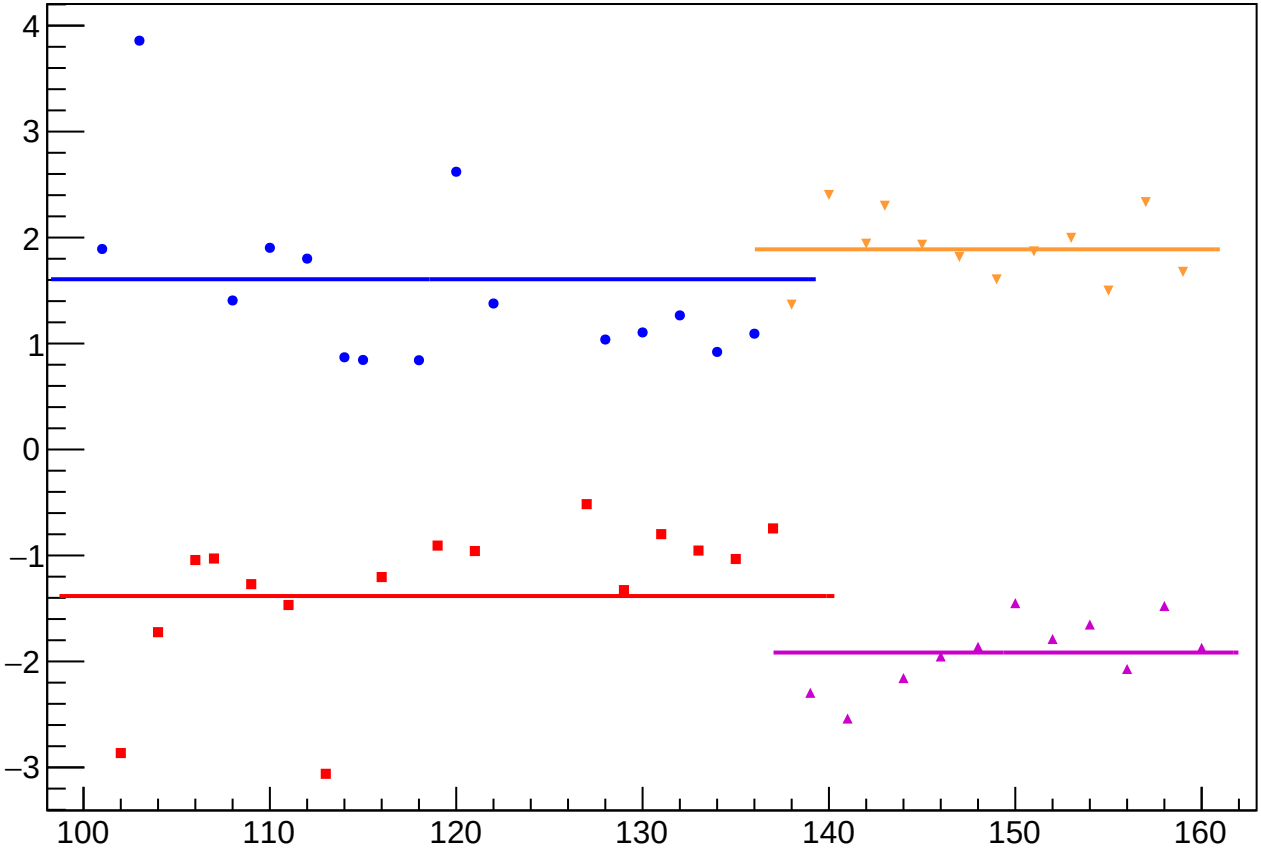
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

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

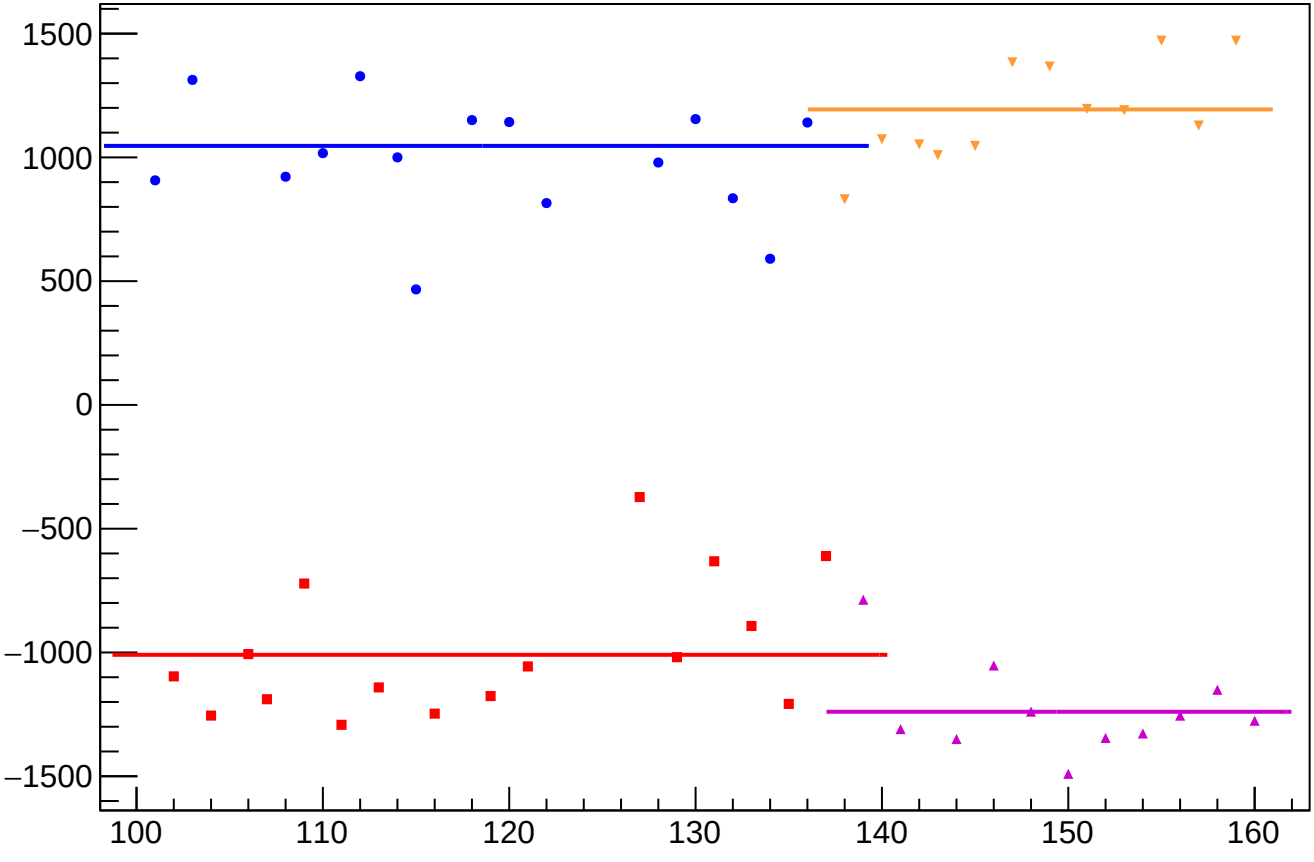
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

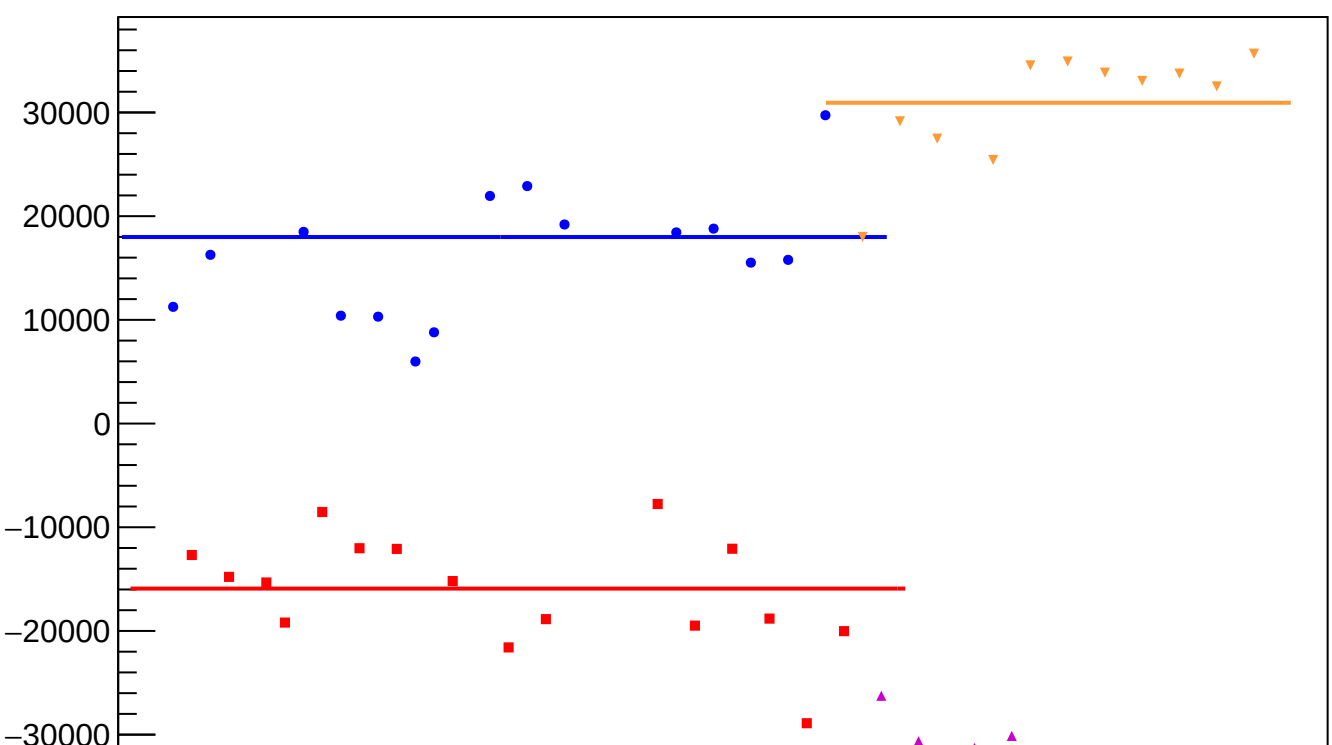
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



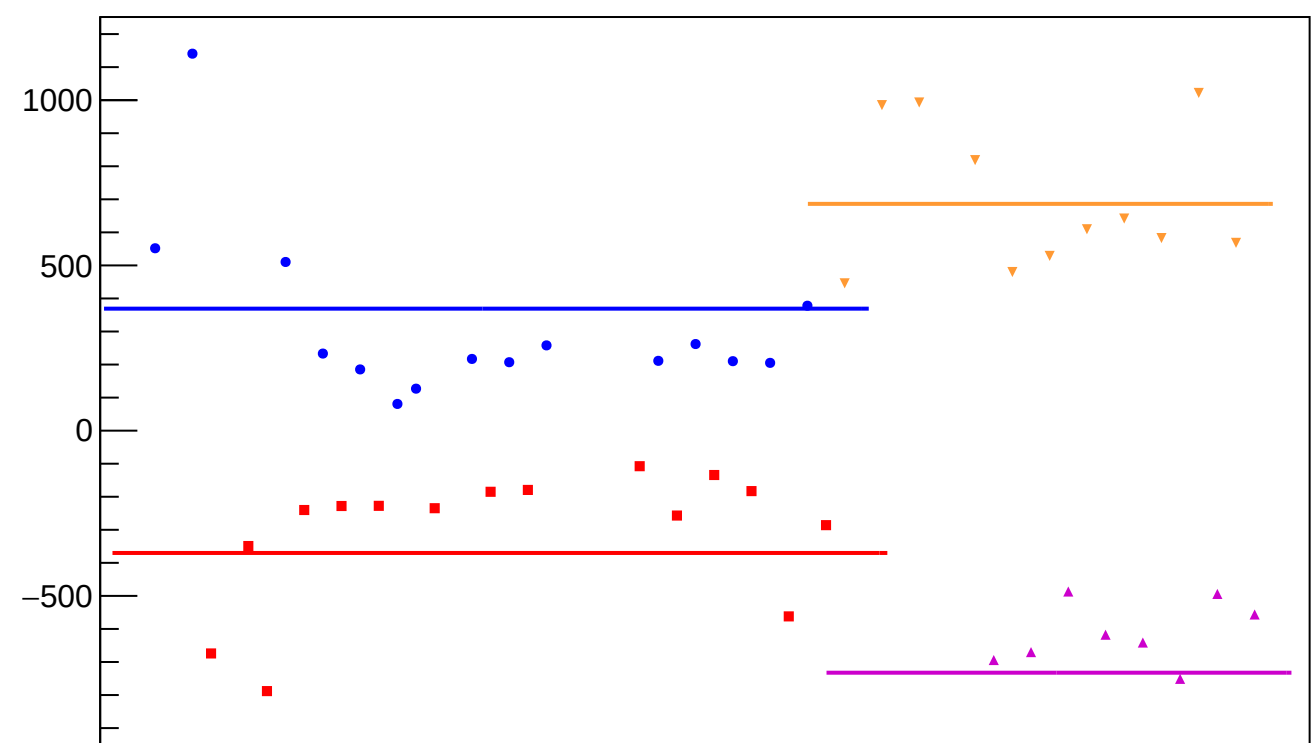
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



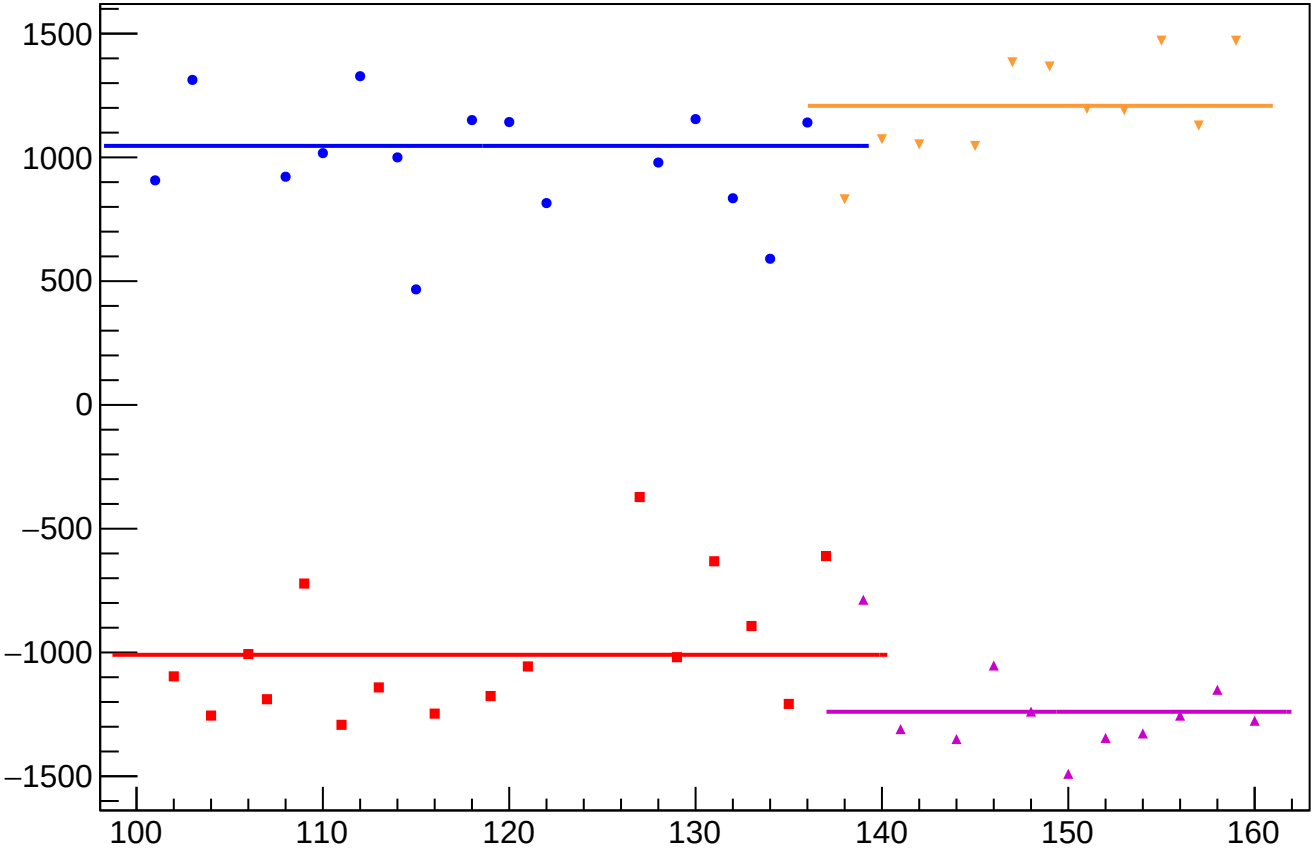
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
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

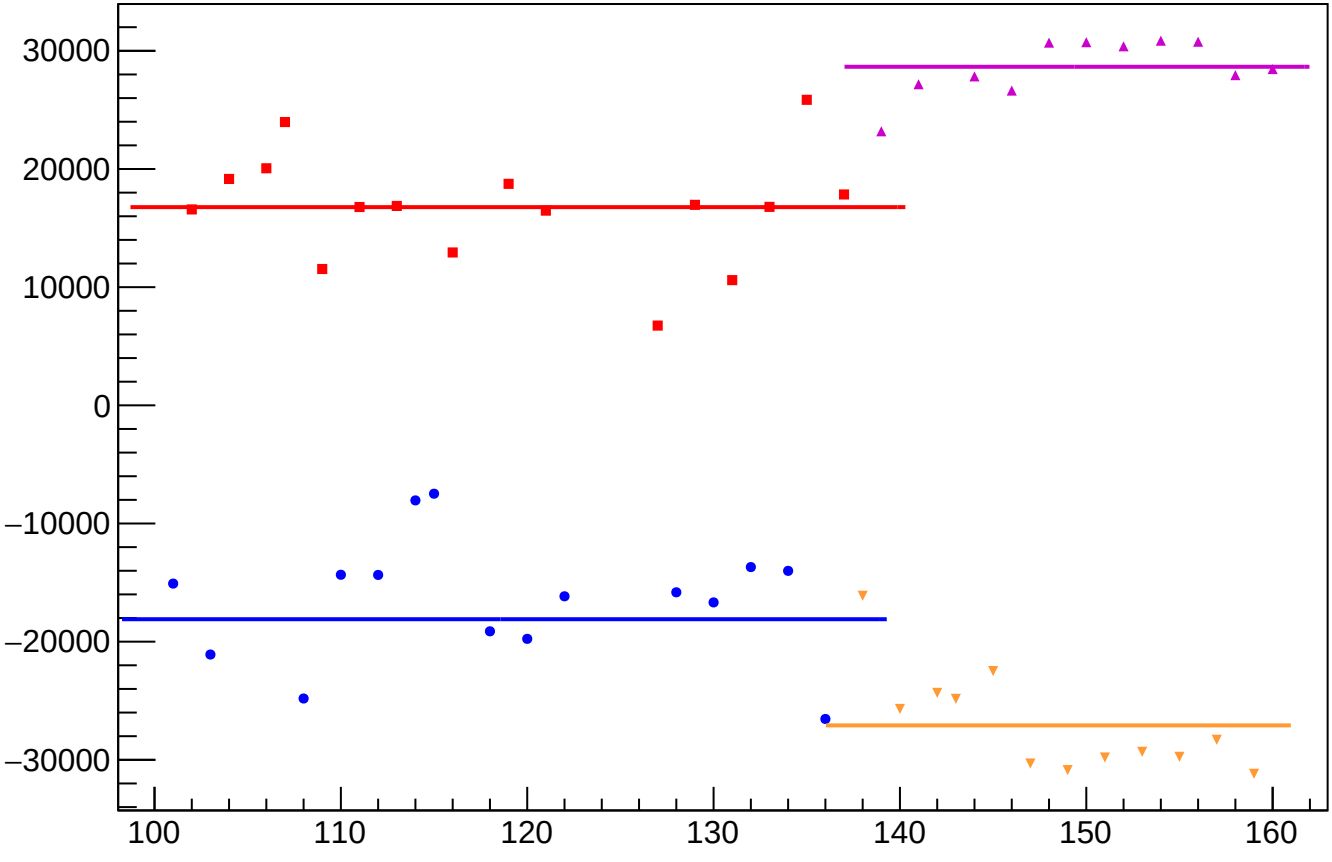
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

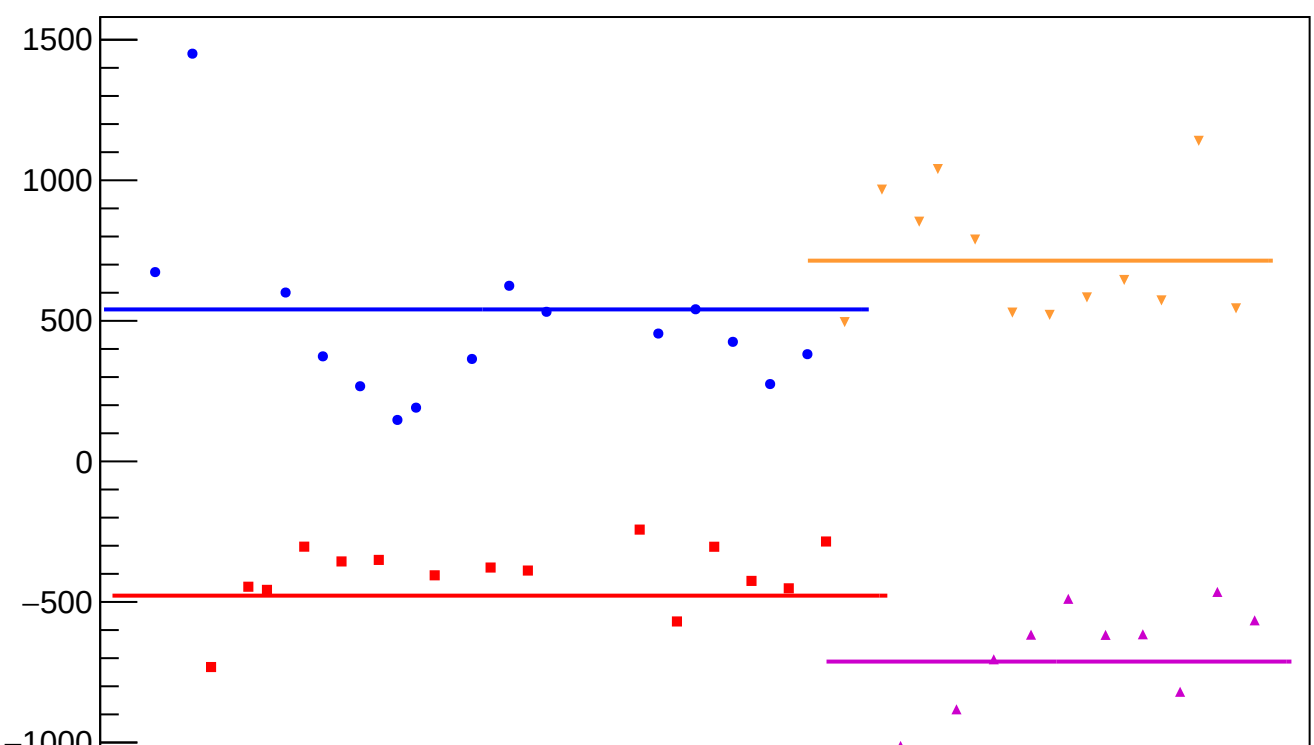
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

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

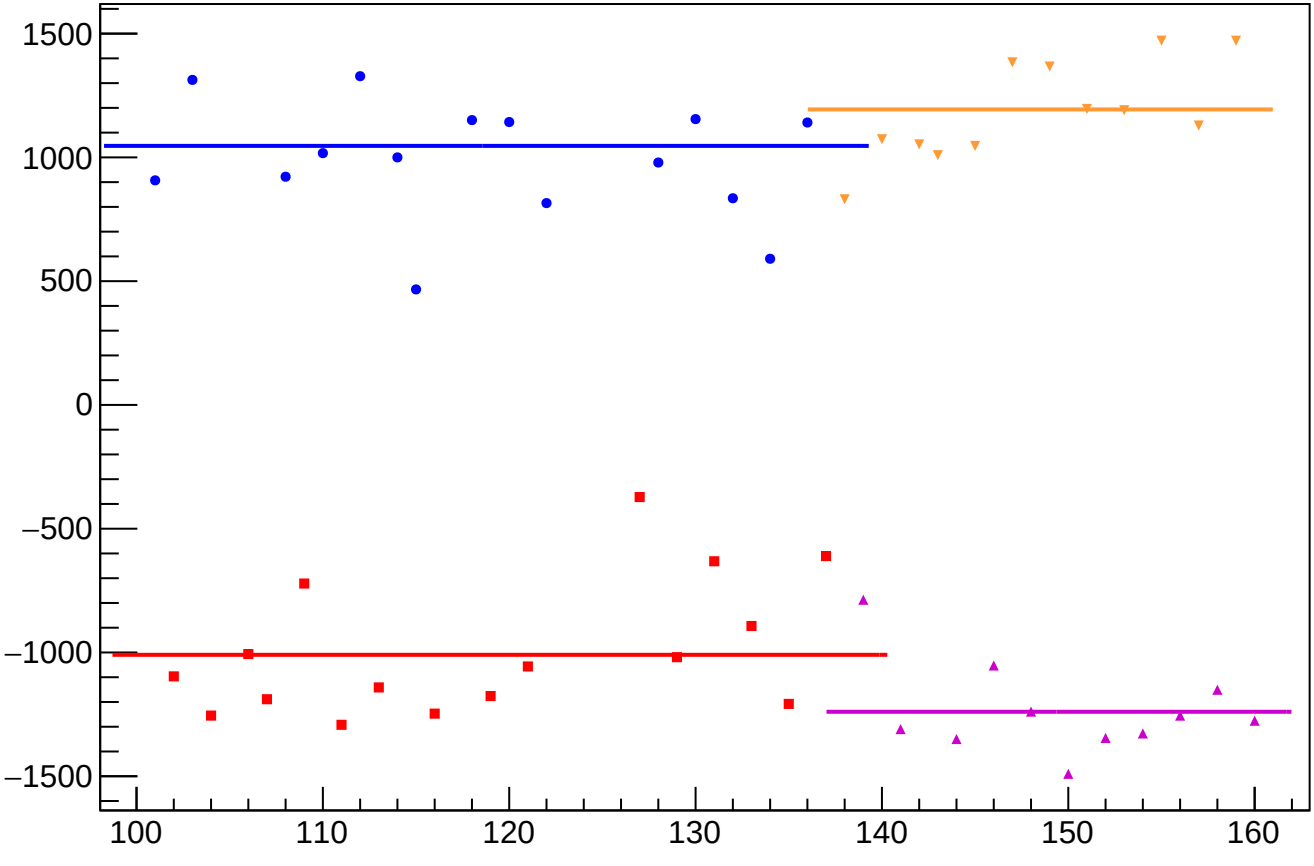
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

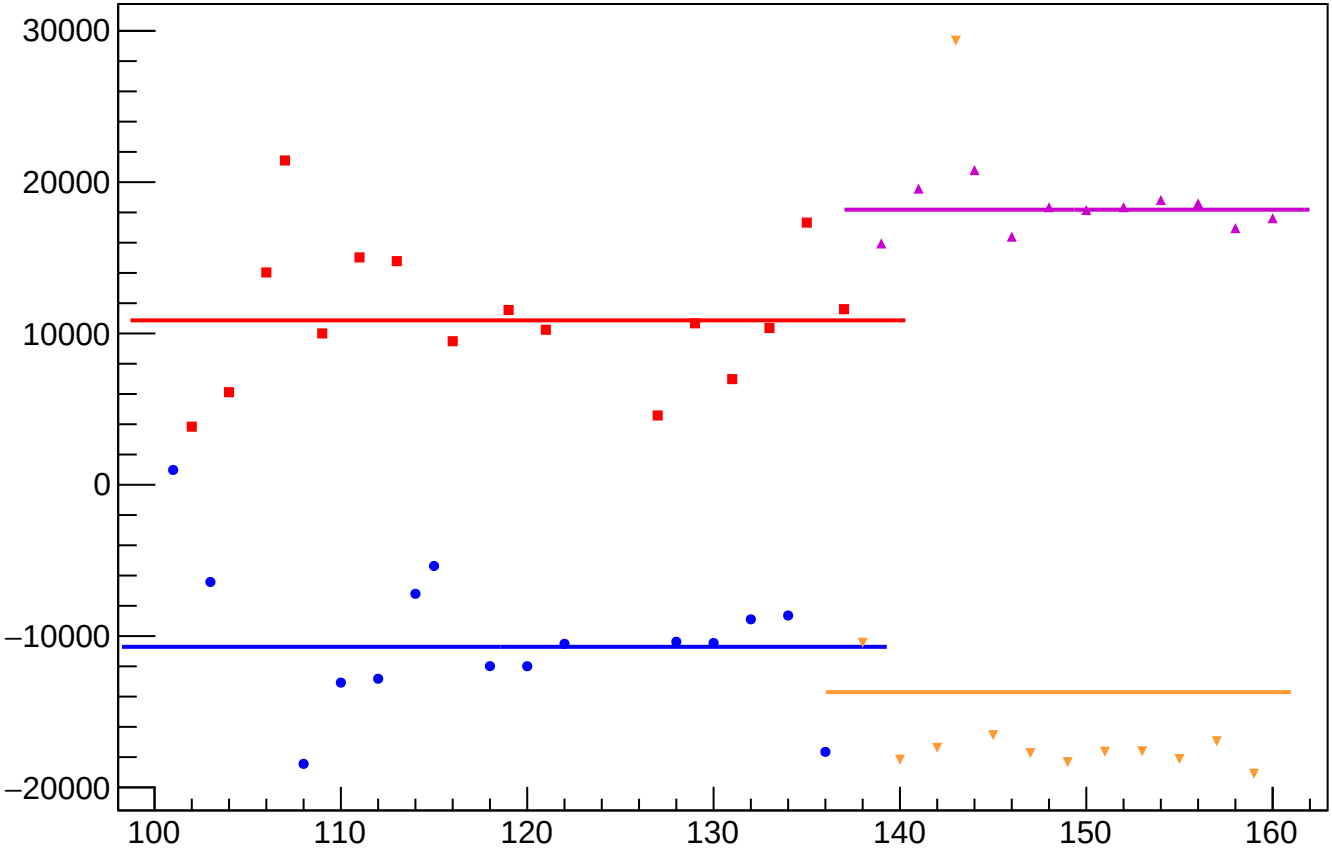
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

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

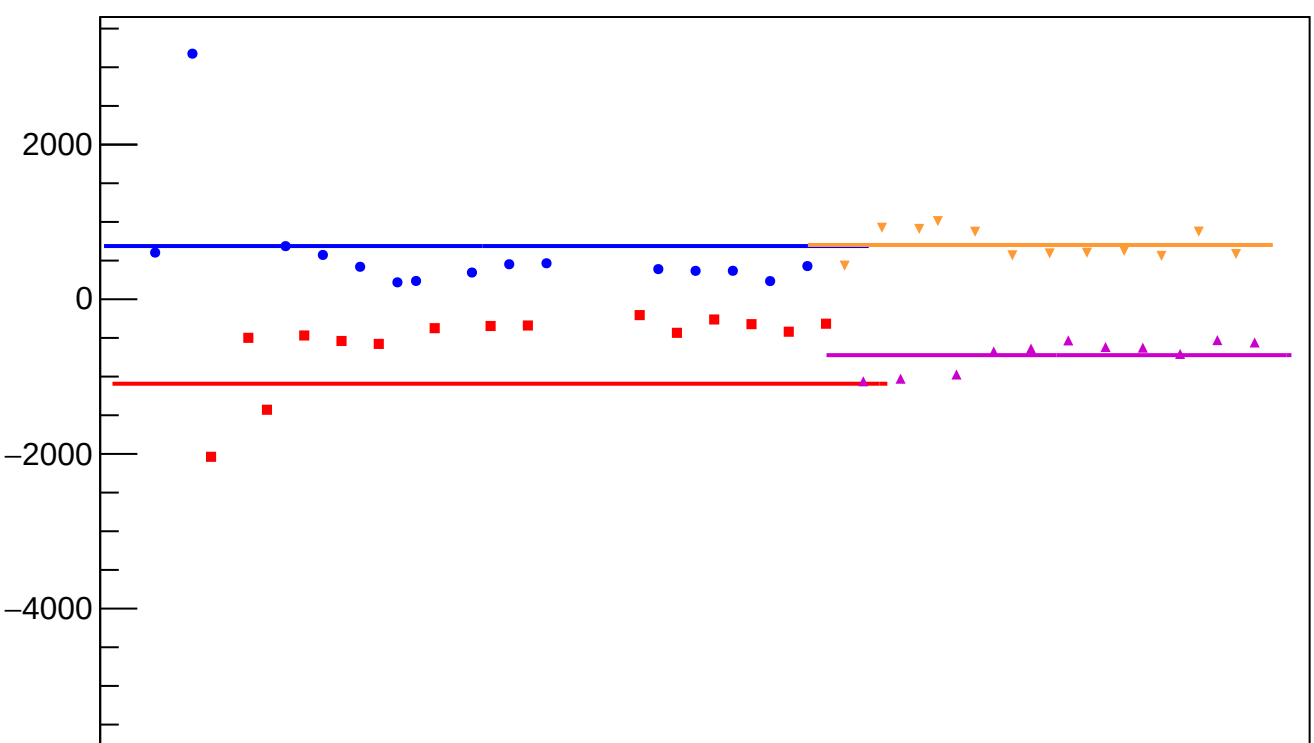
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

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

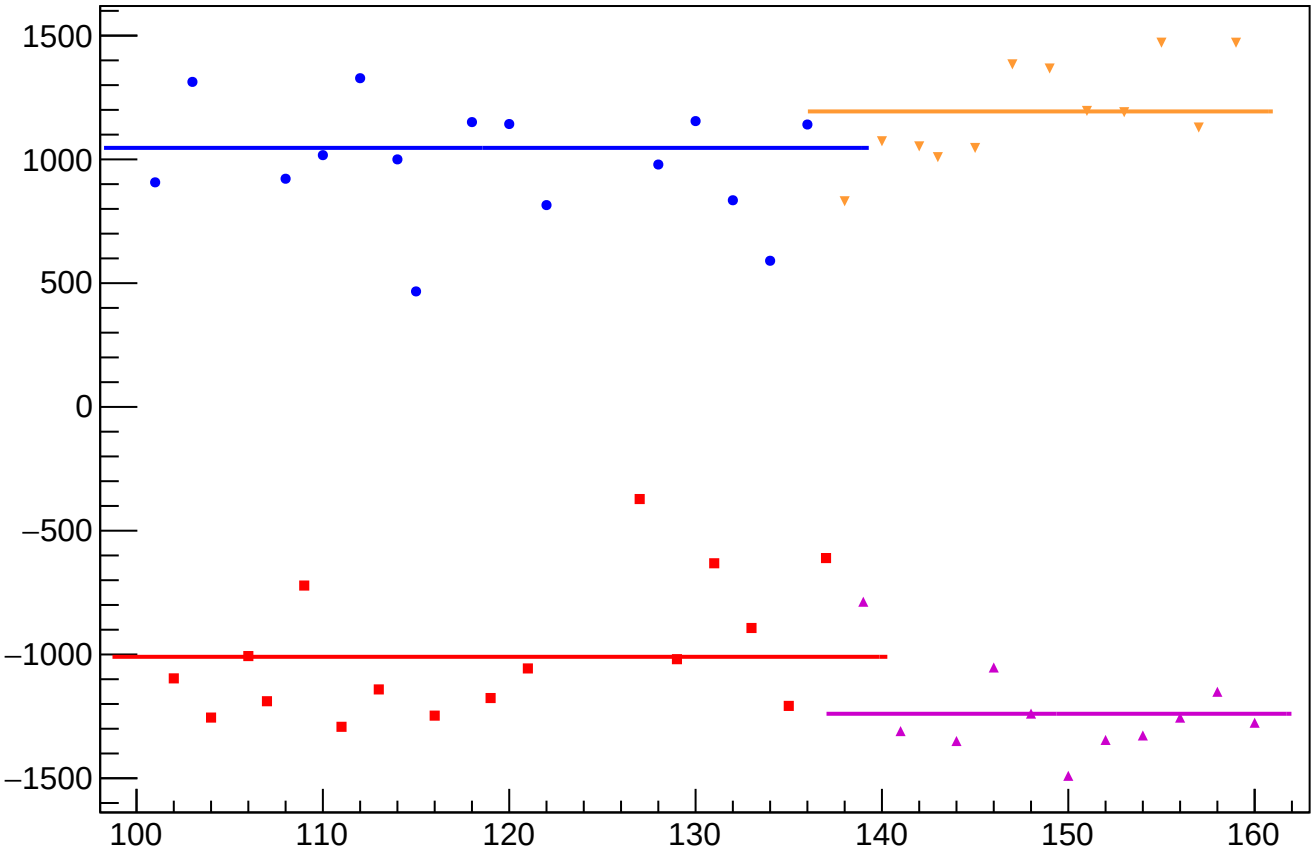
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

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

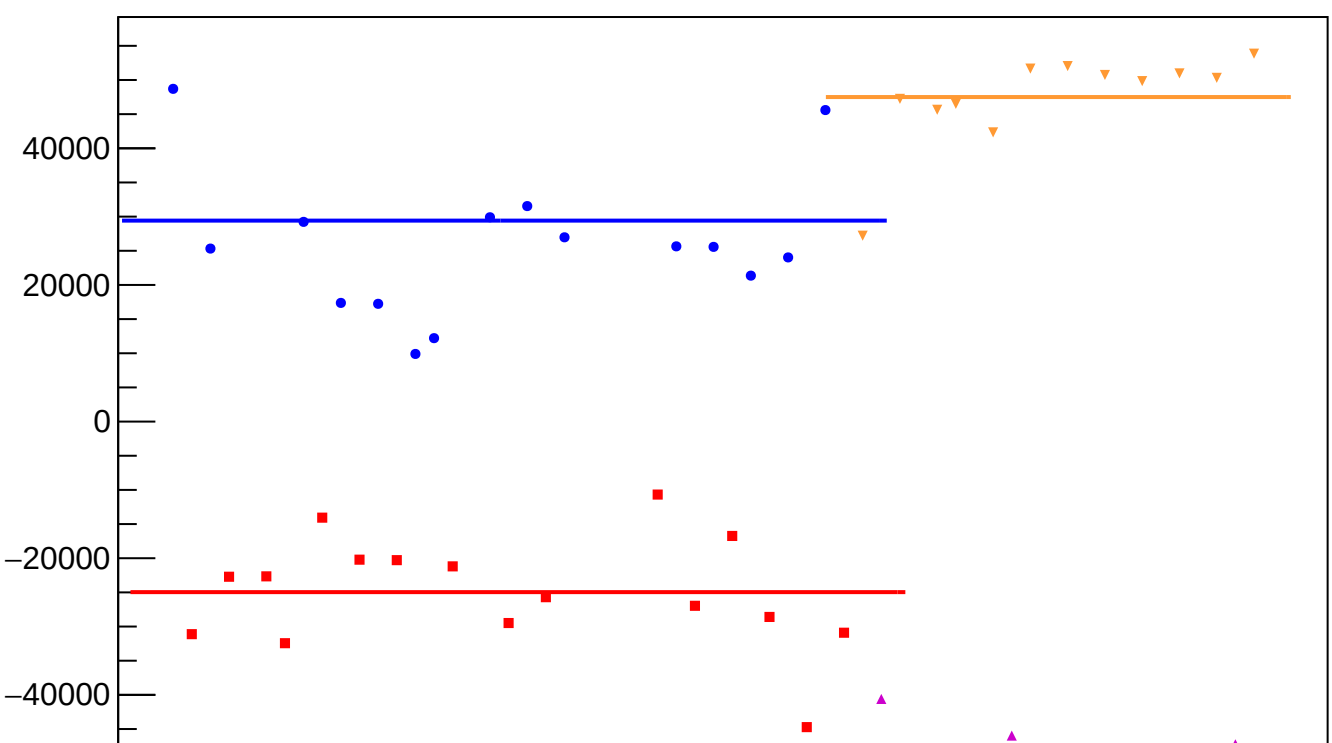
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

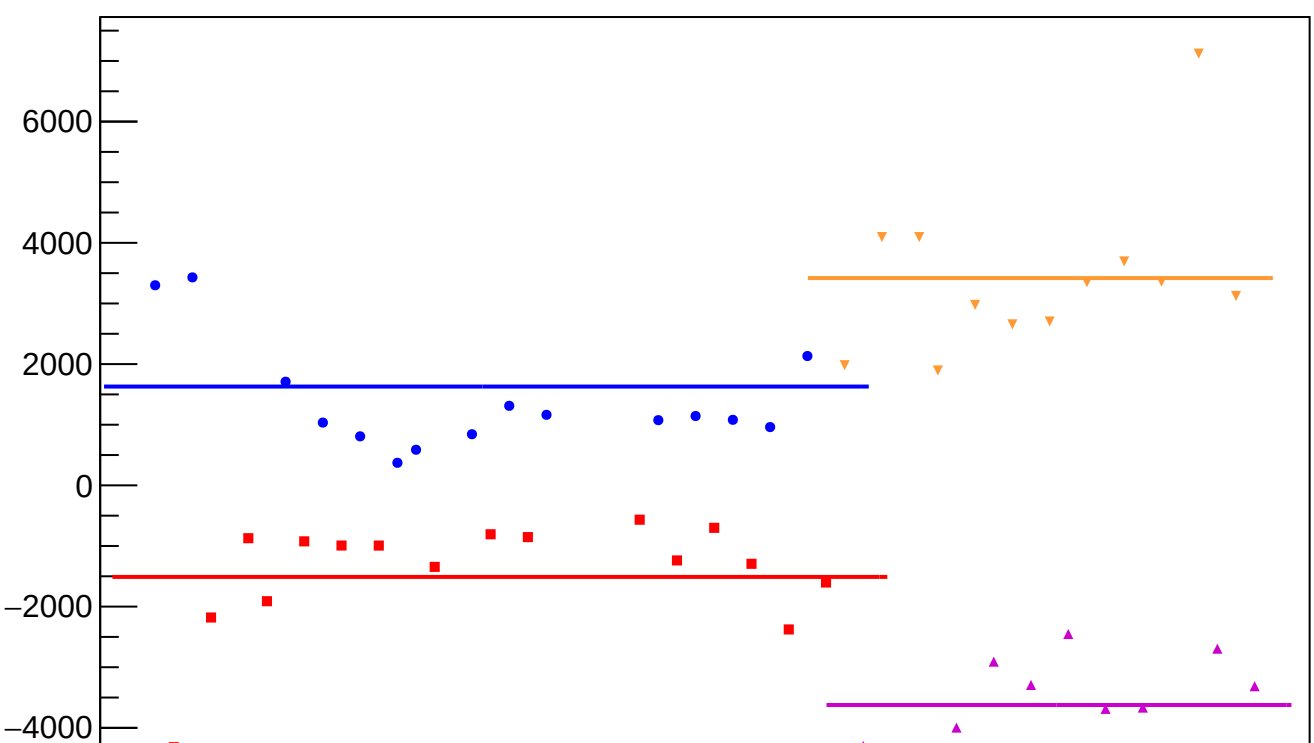
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

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

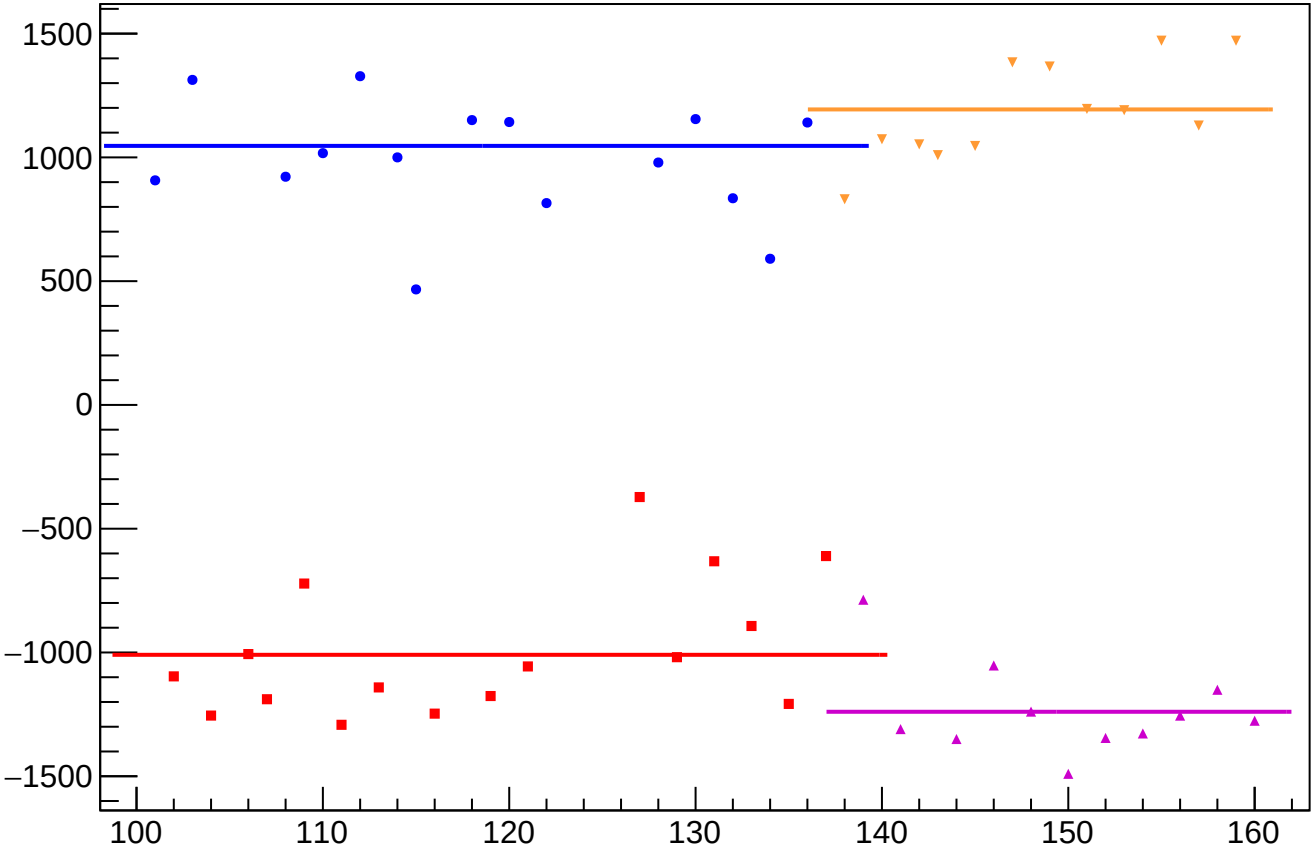
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

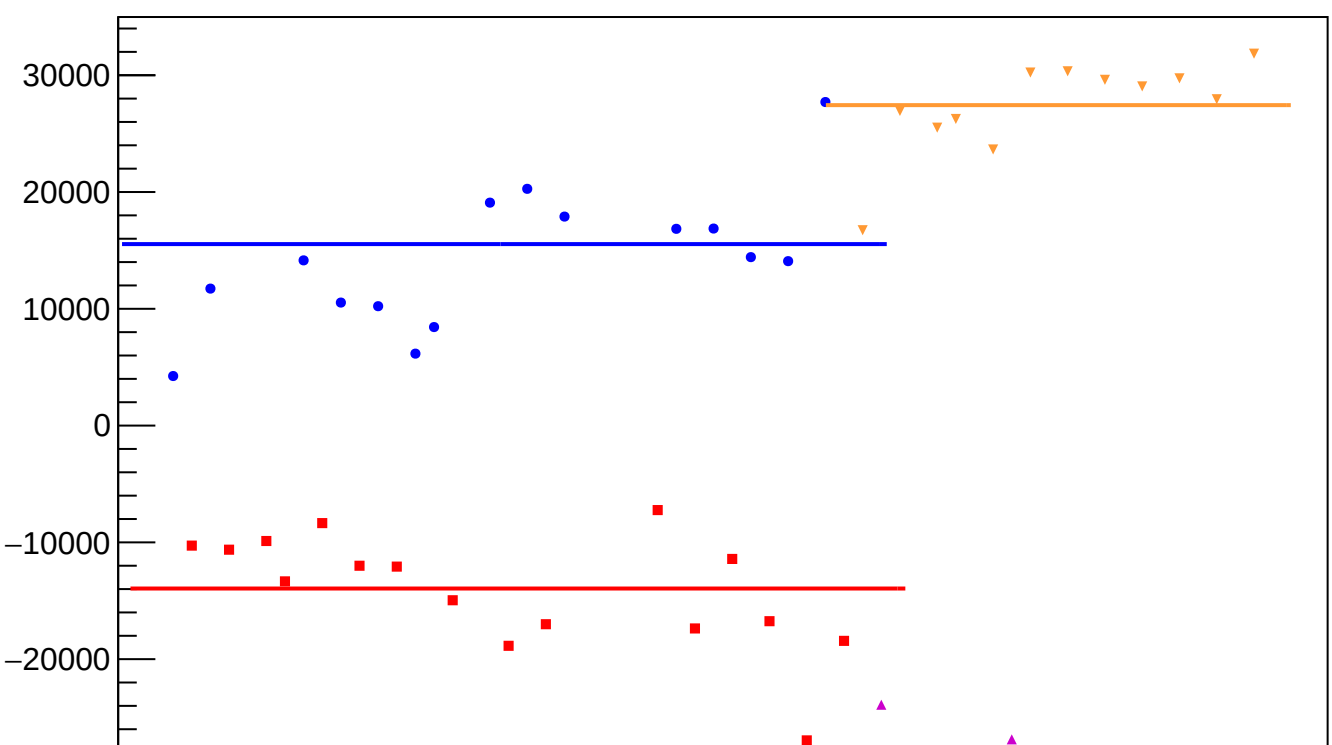
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



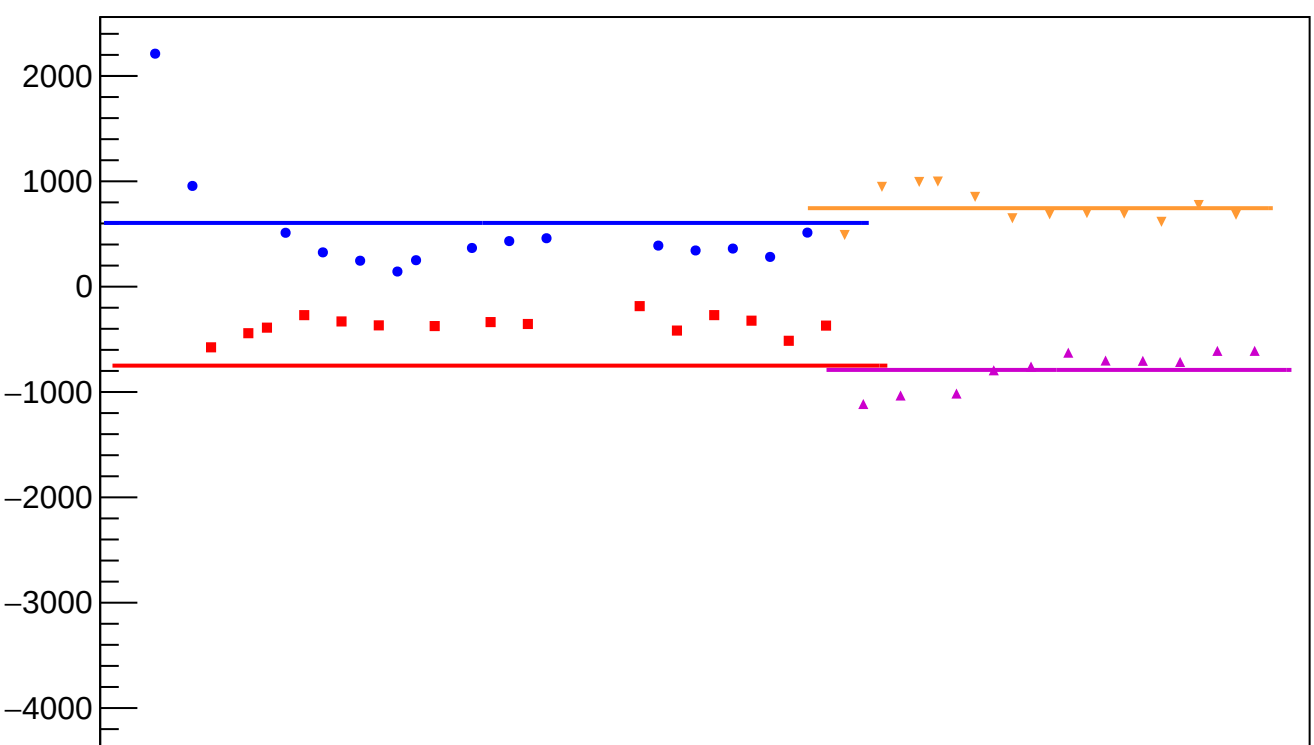
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



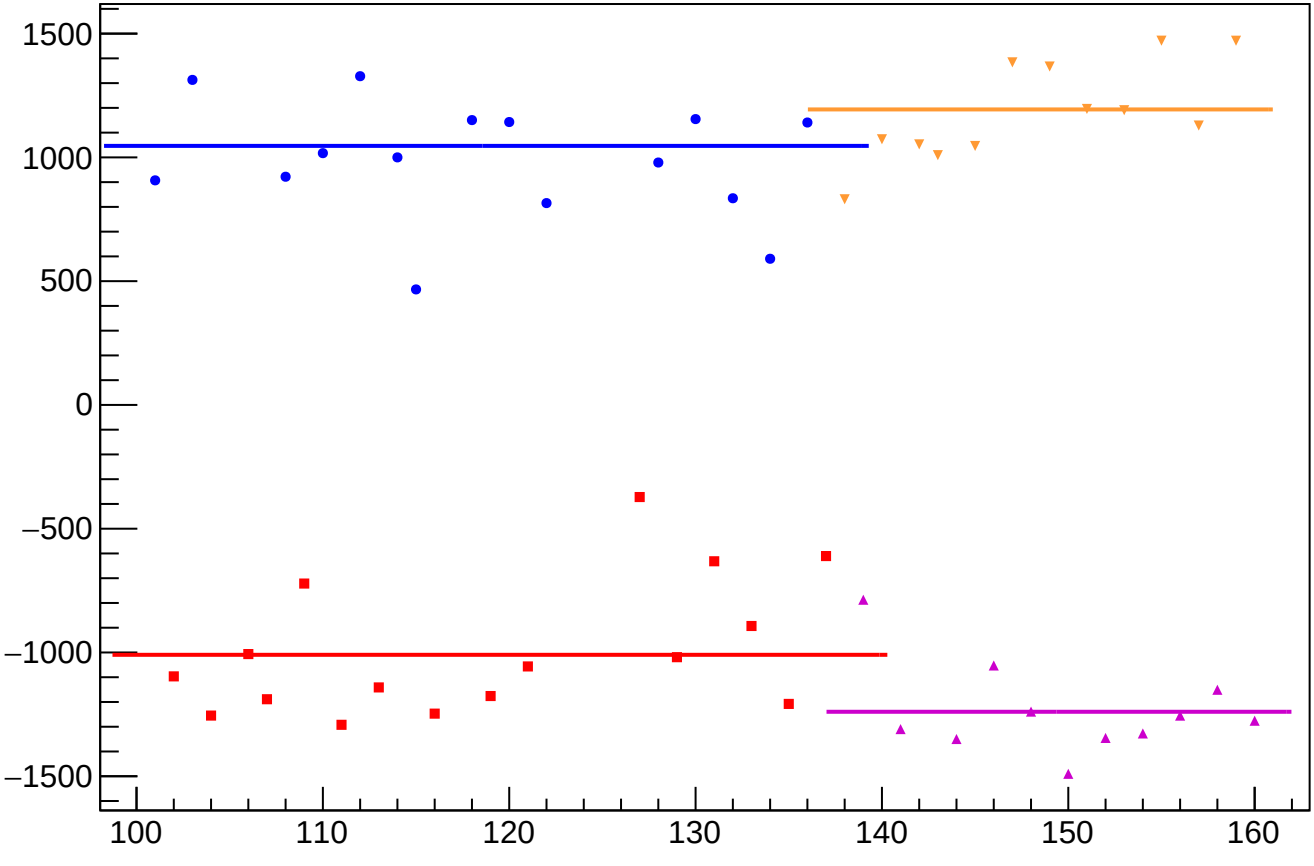
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
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



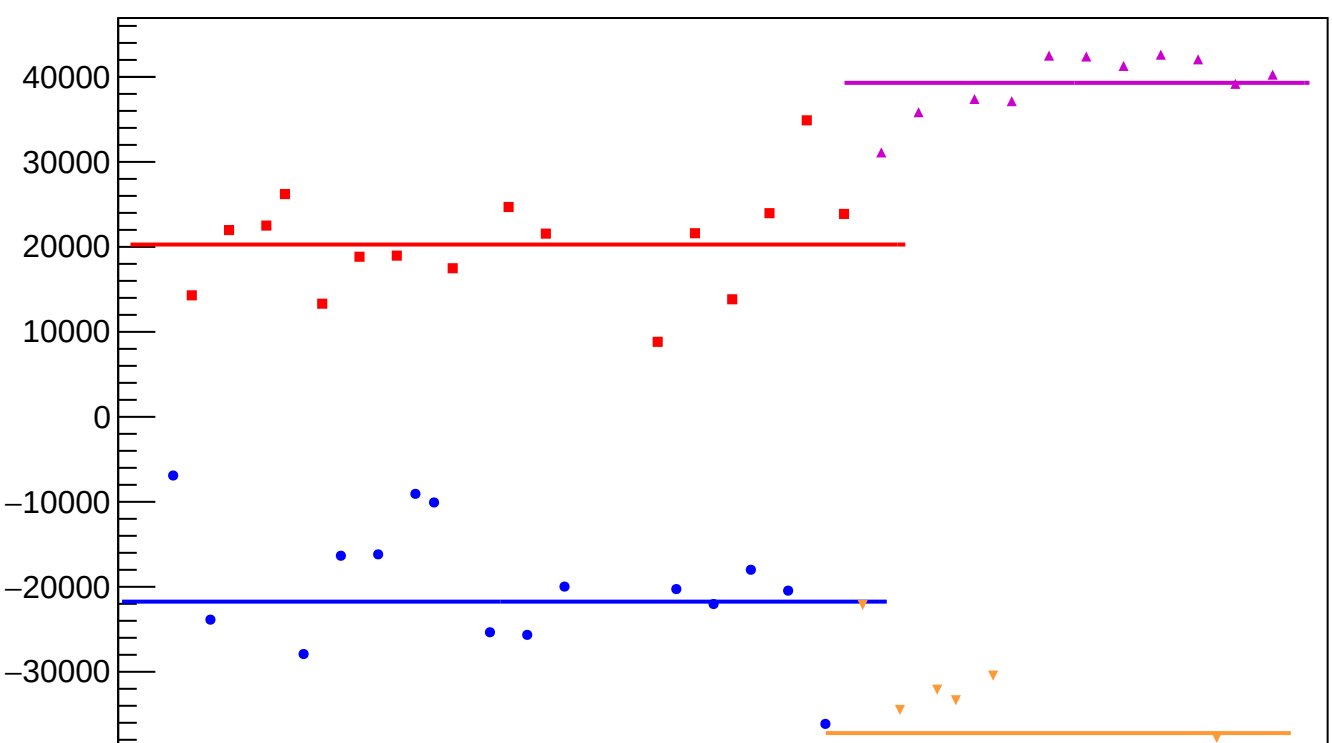
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 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



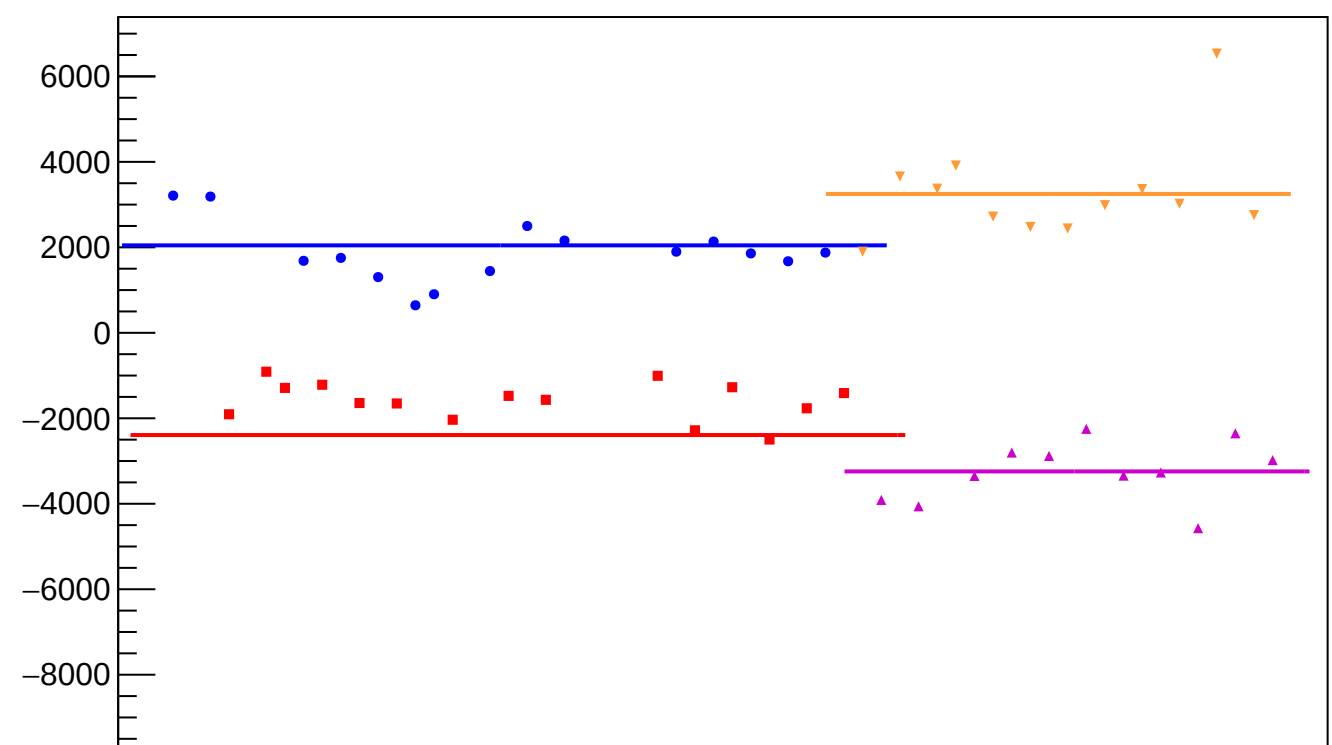
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



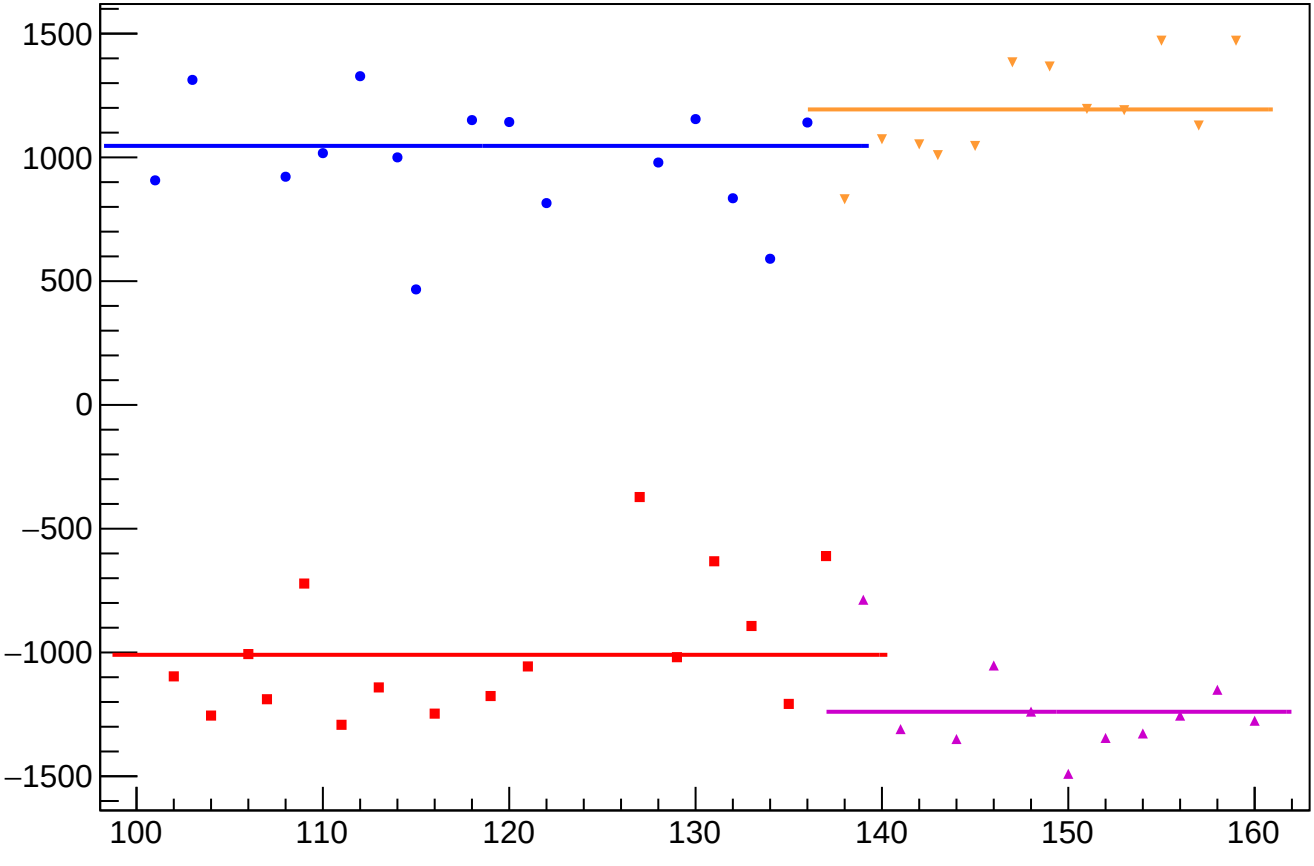
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
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

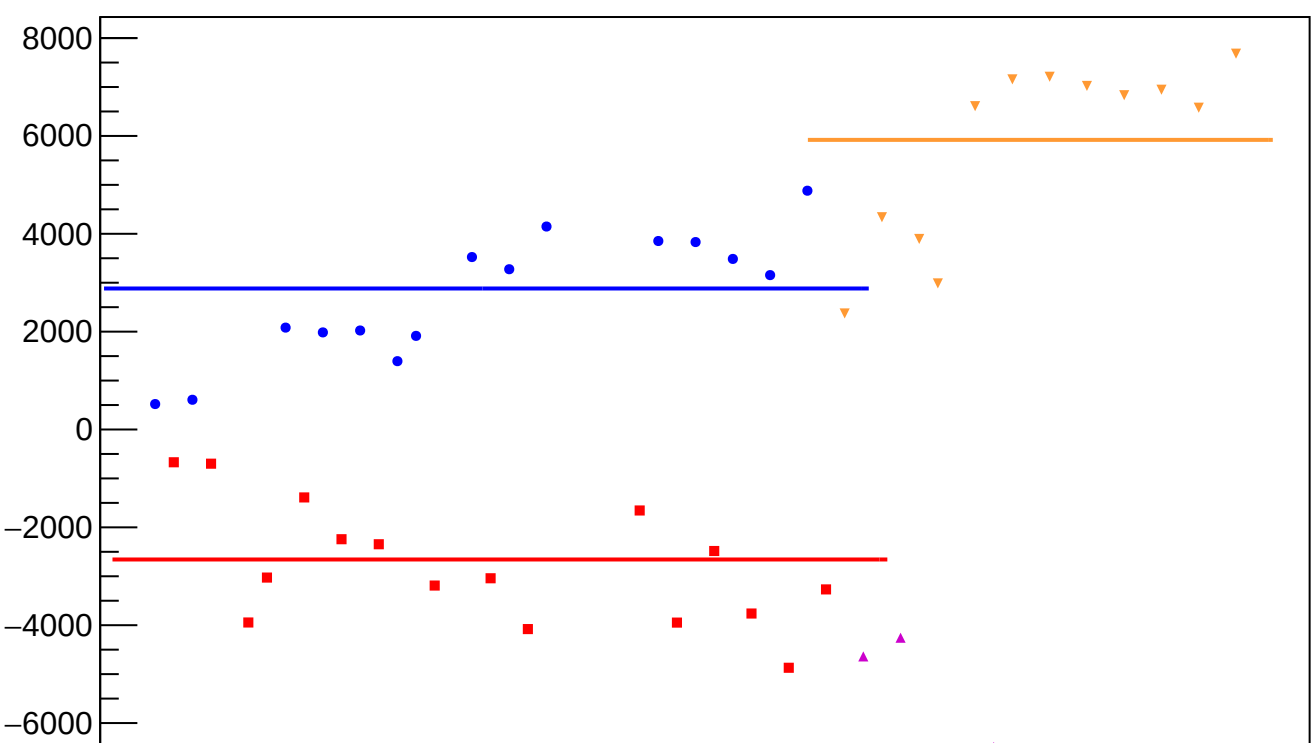
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

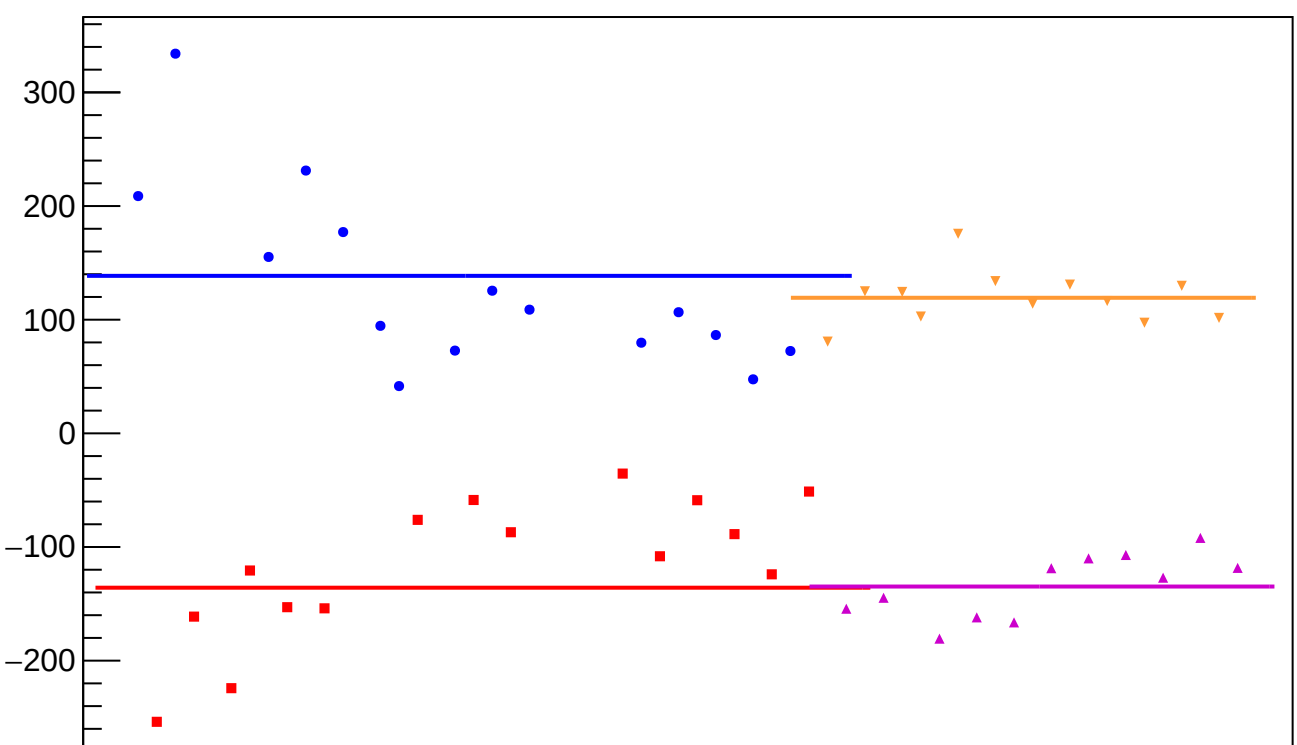
All: -15.348+/-0.000 χ^2/NDF: 424479012287

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

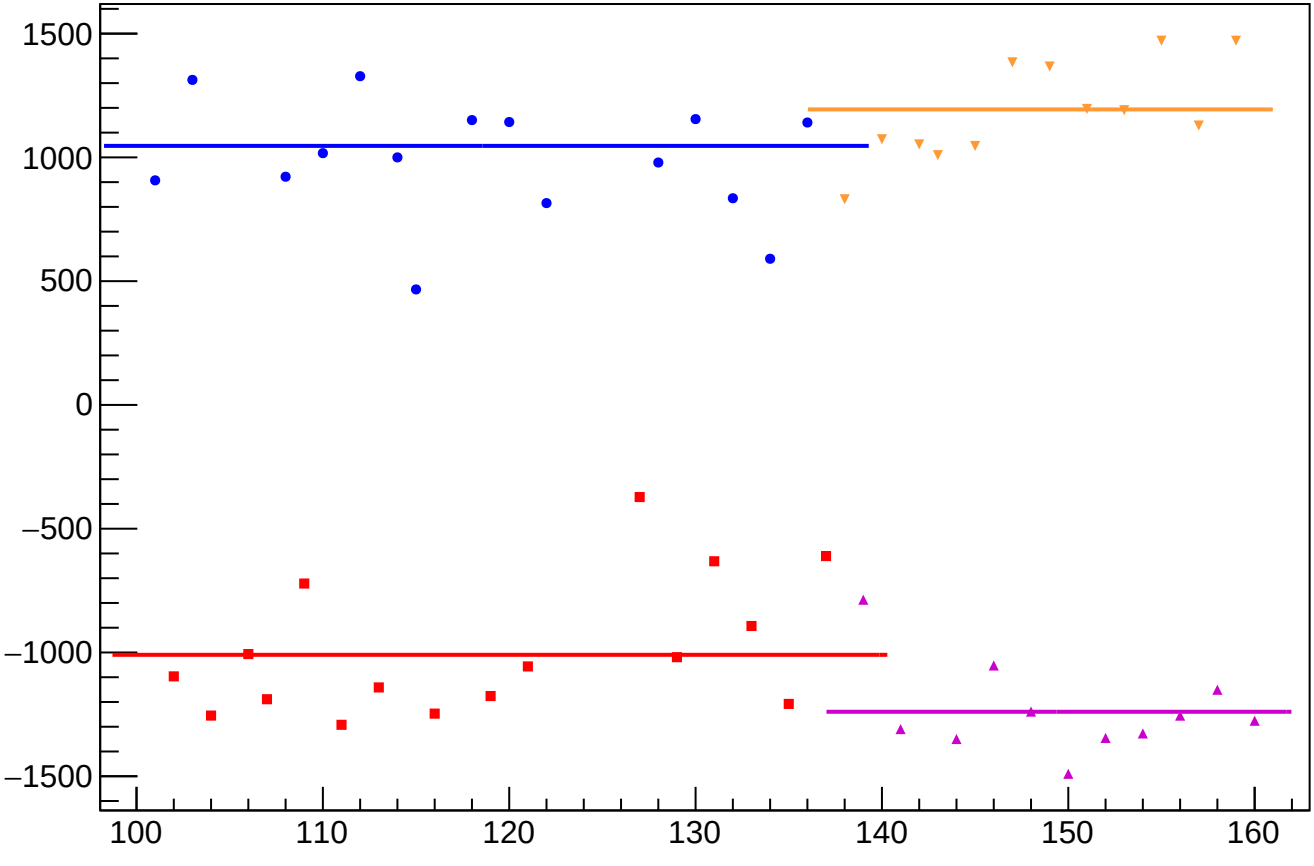
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

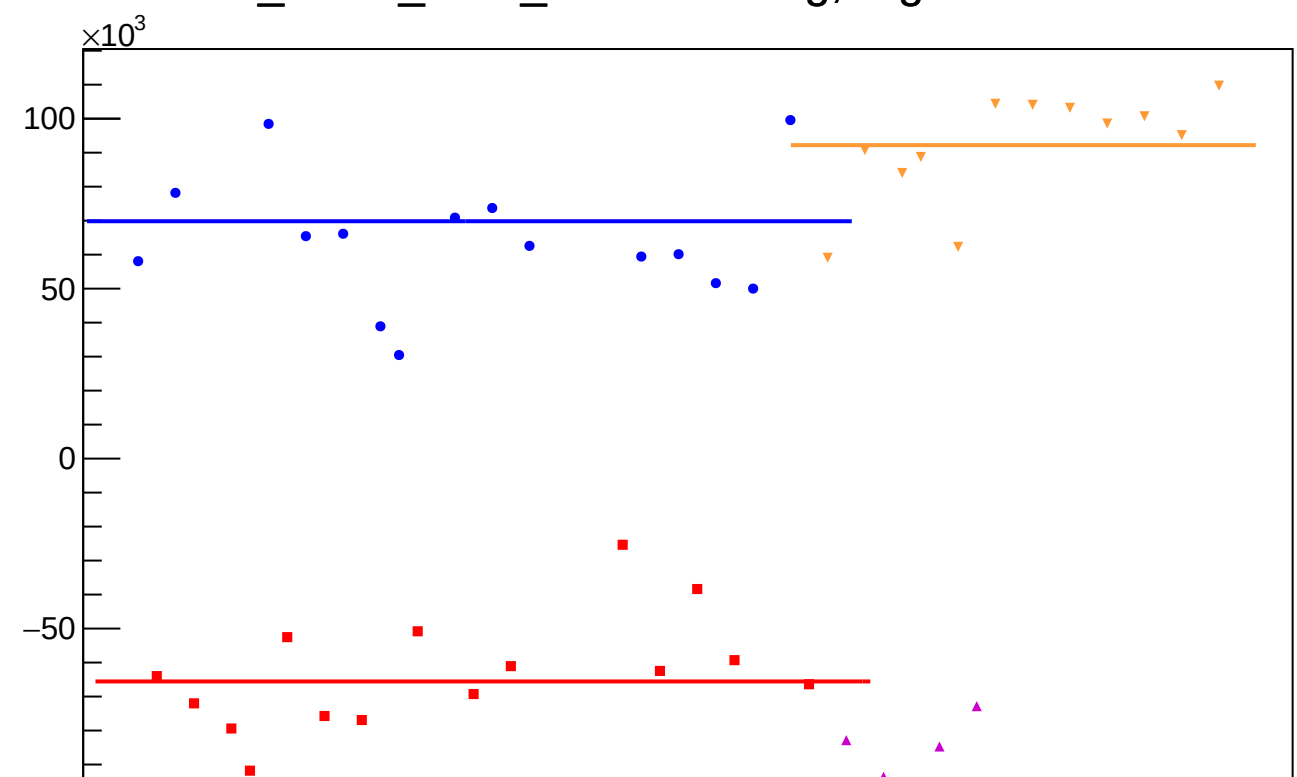
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

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

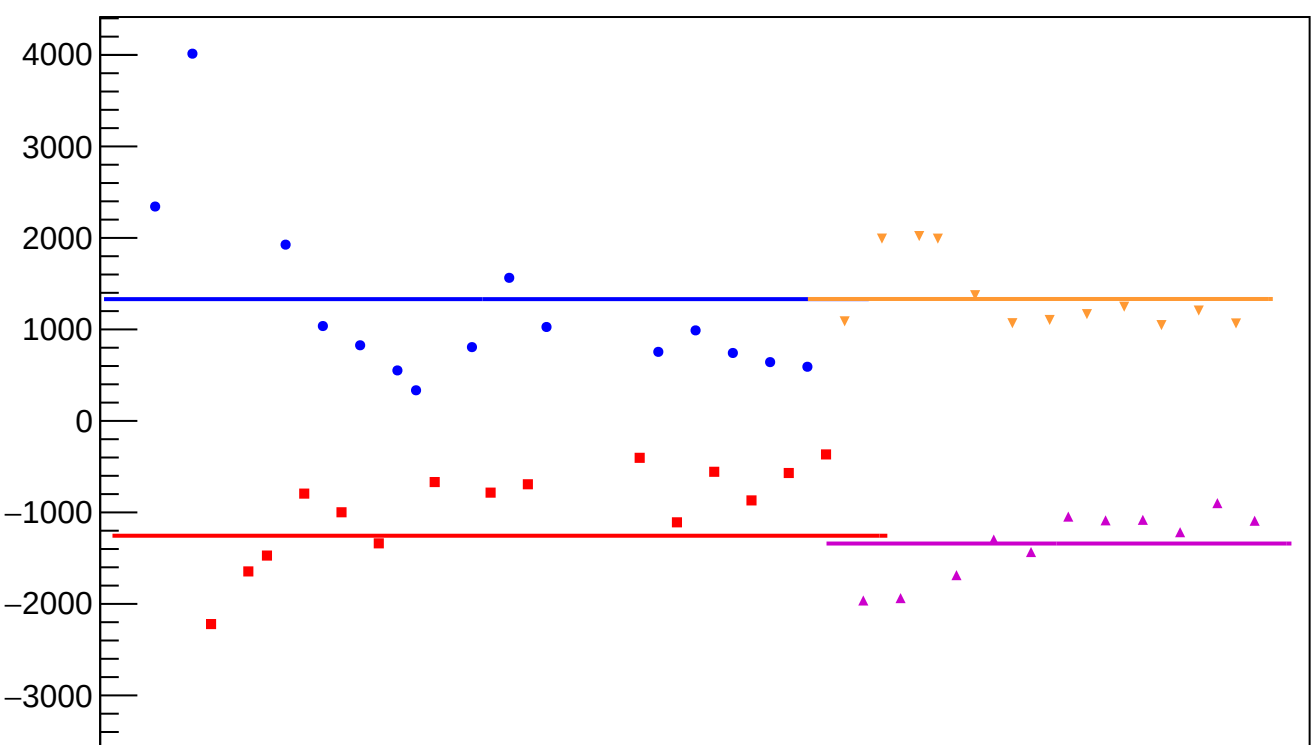
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

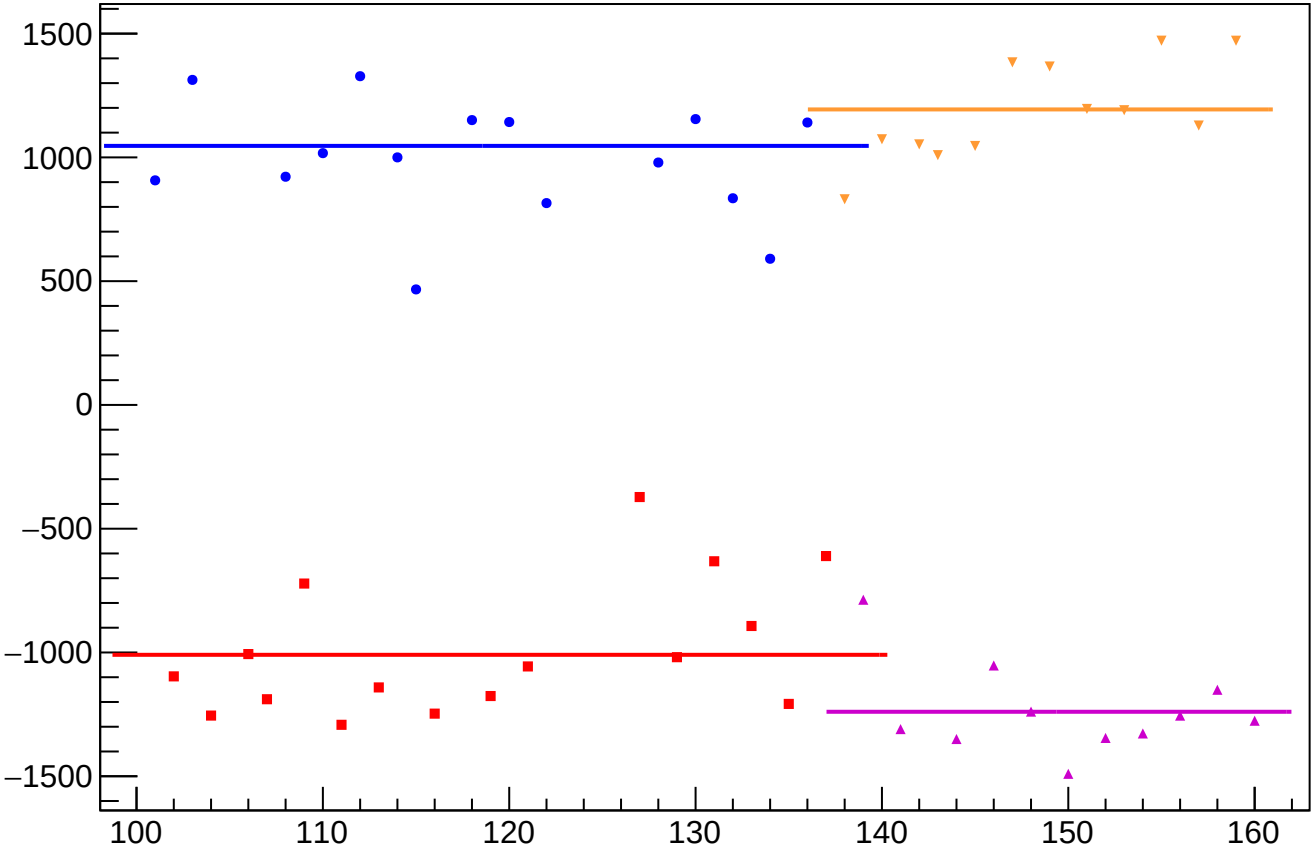
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



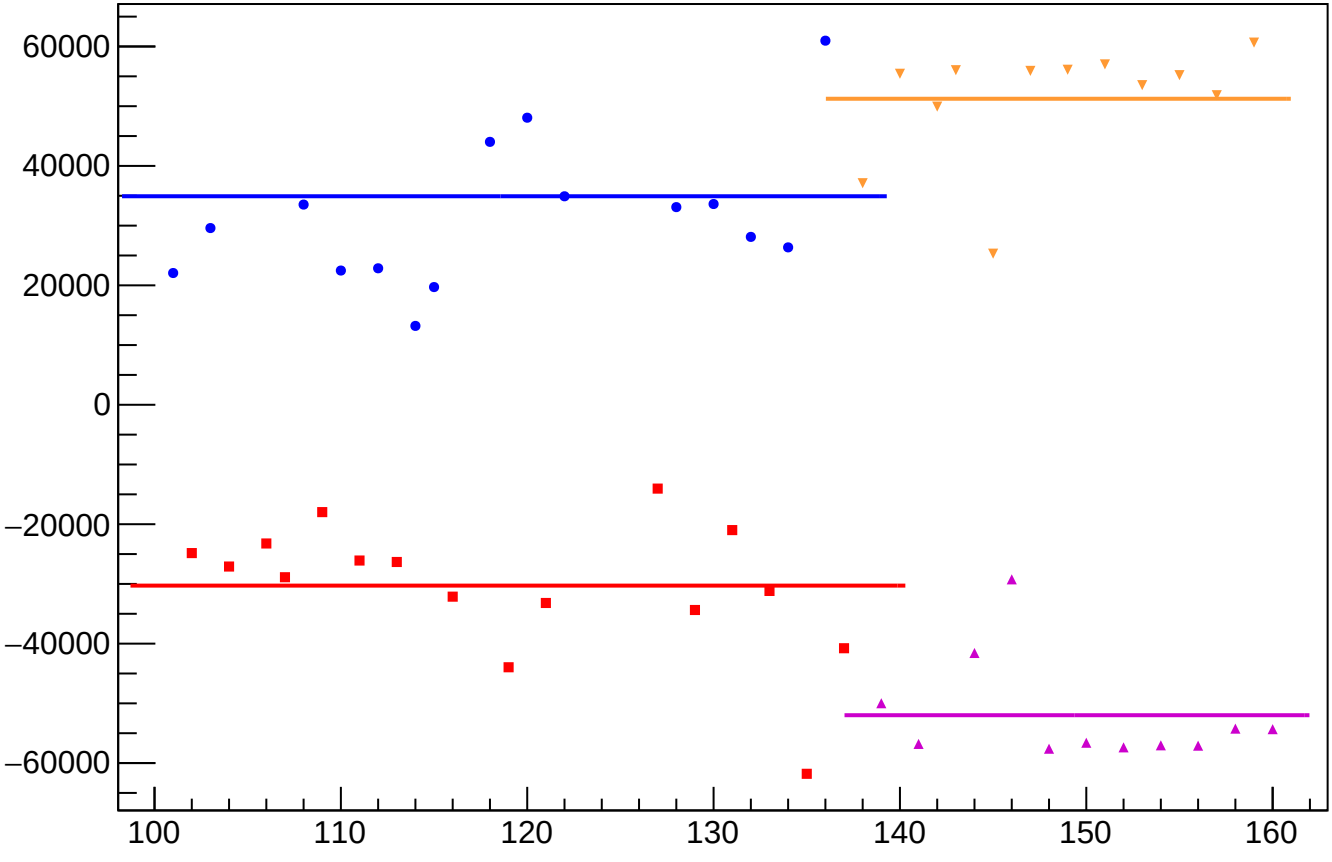
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
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

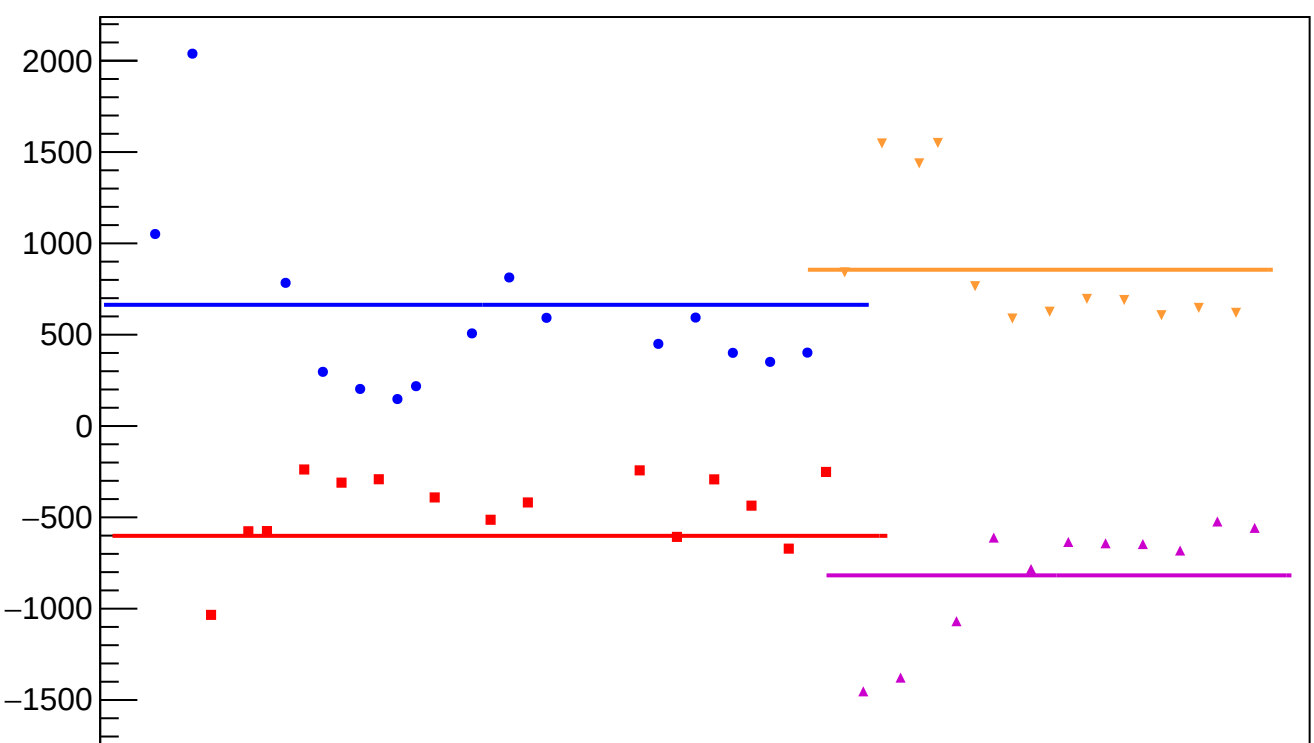
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

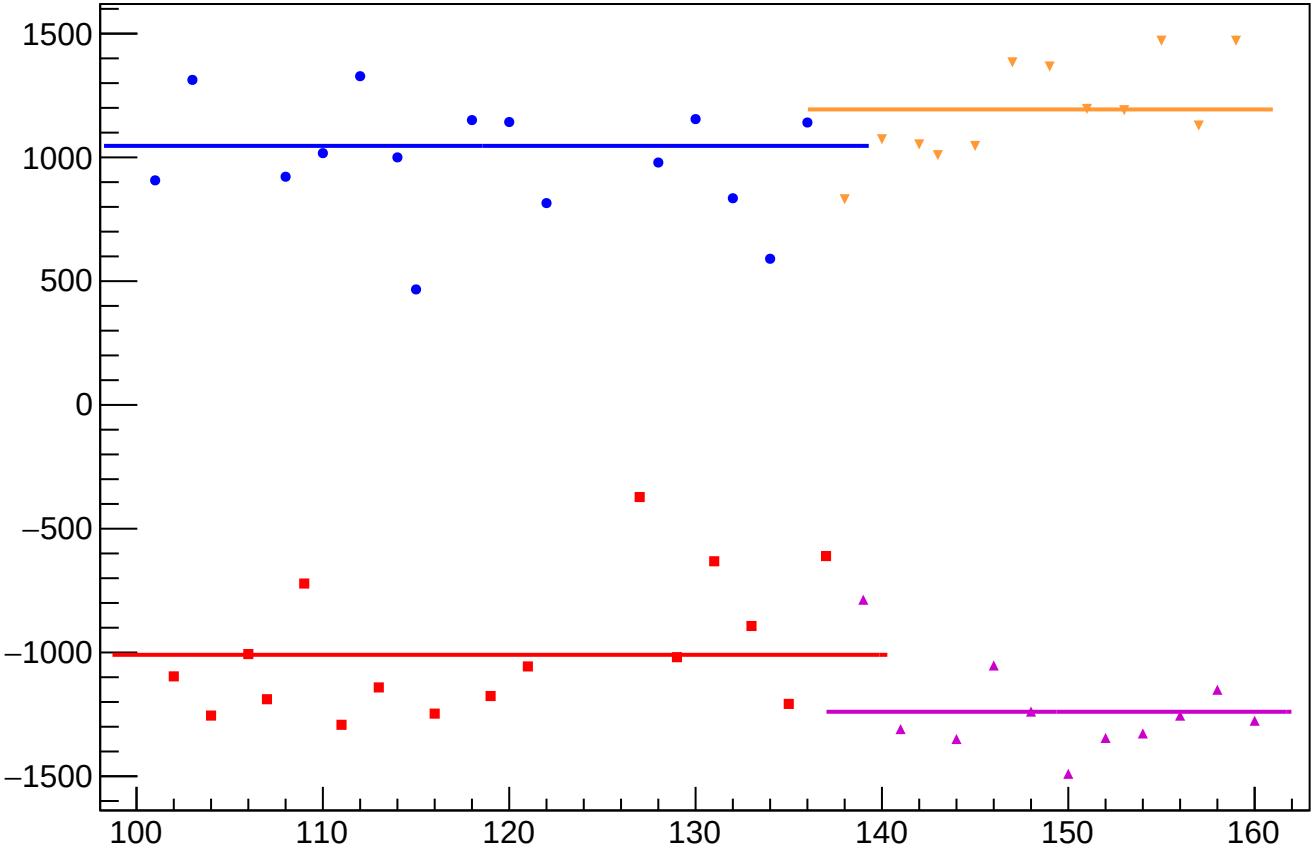
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



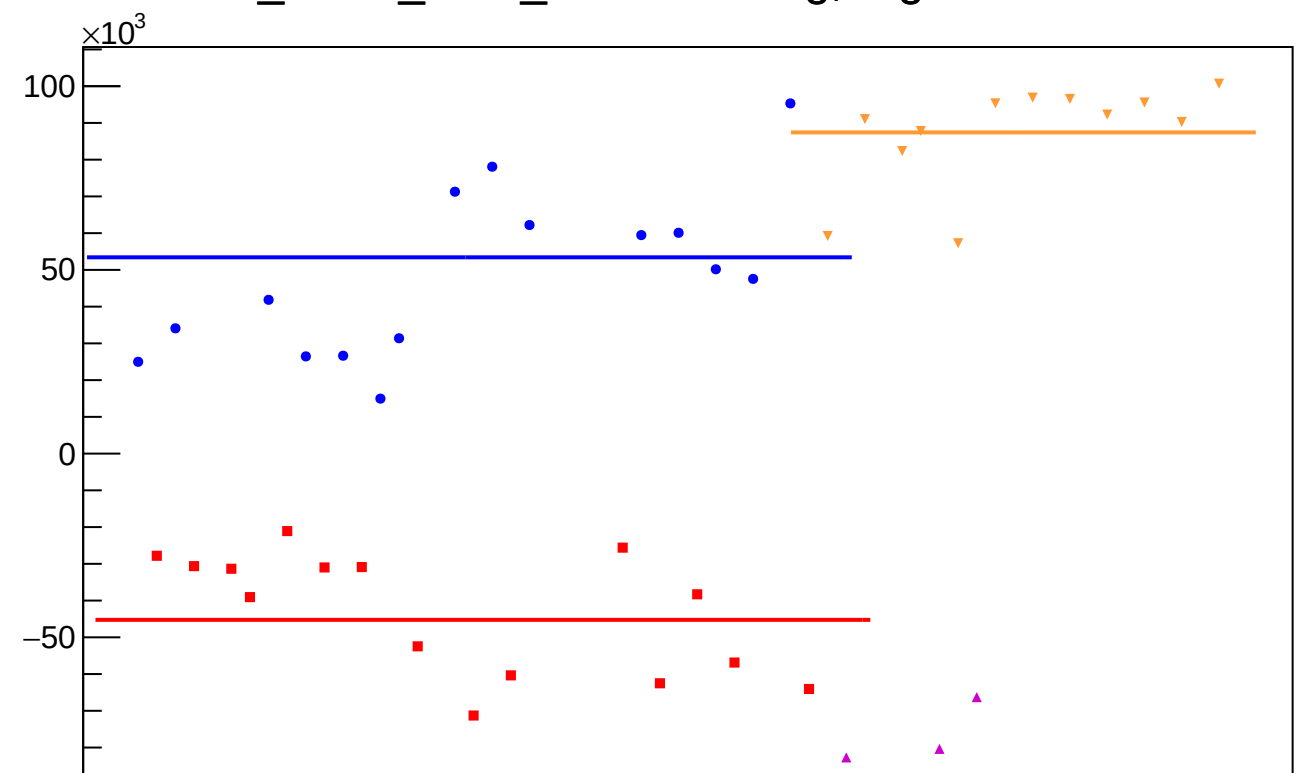
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
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

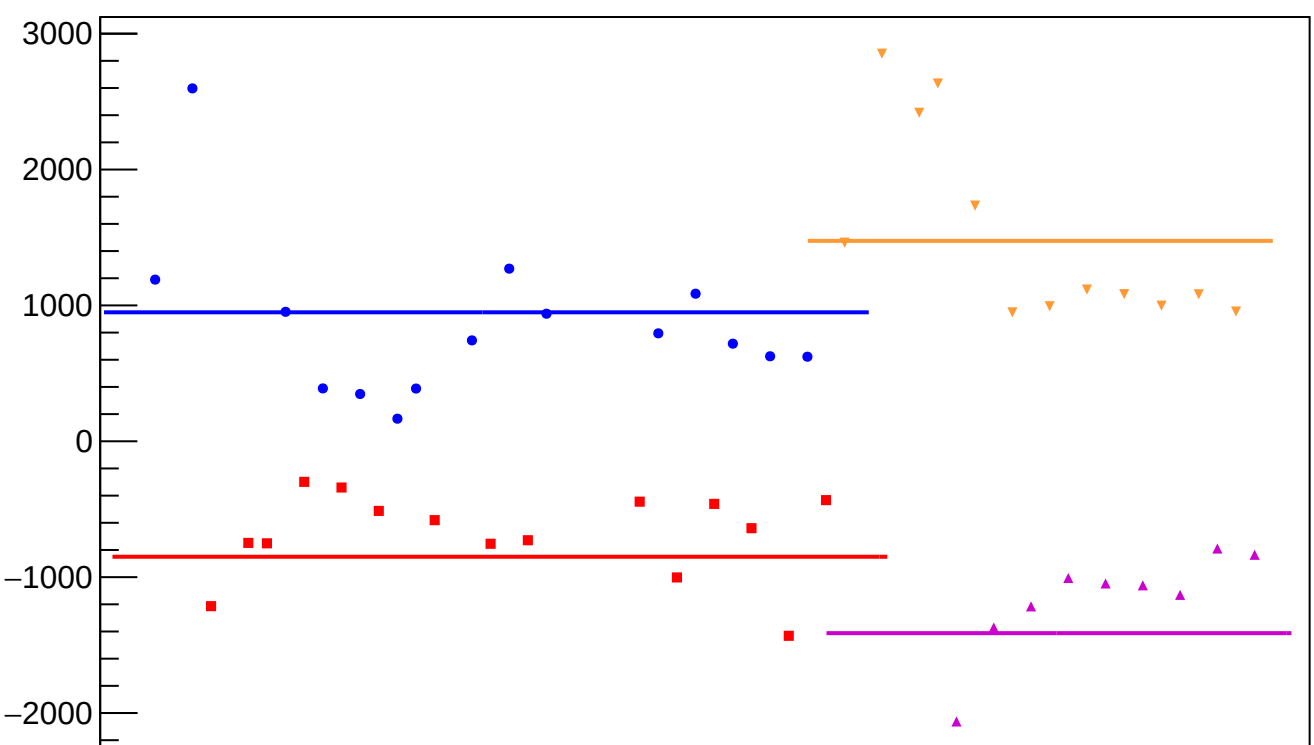
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

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

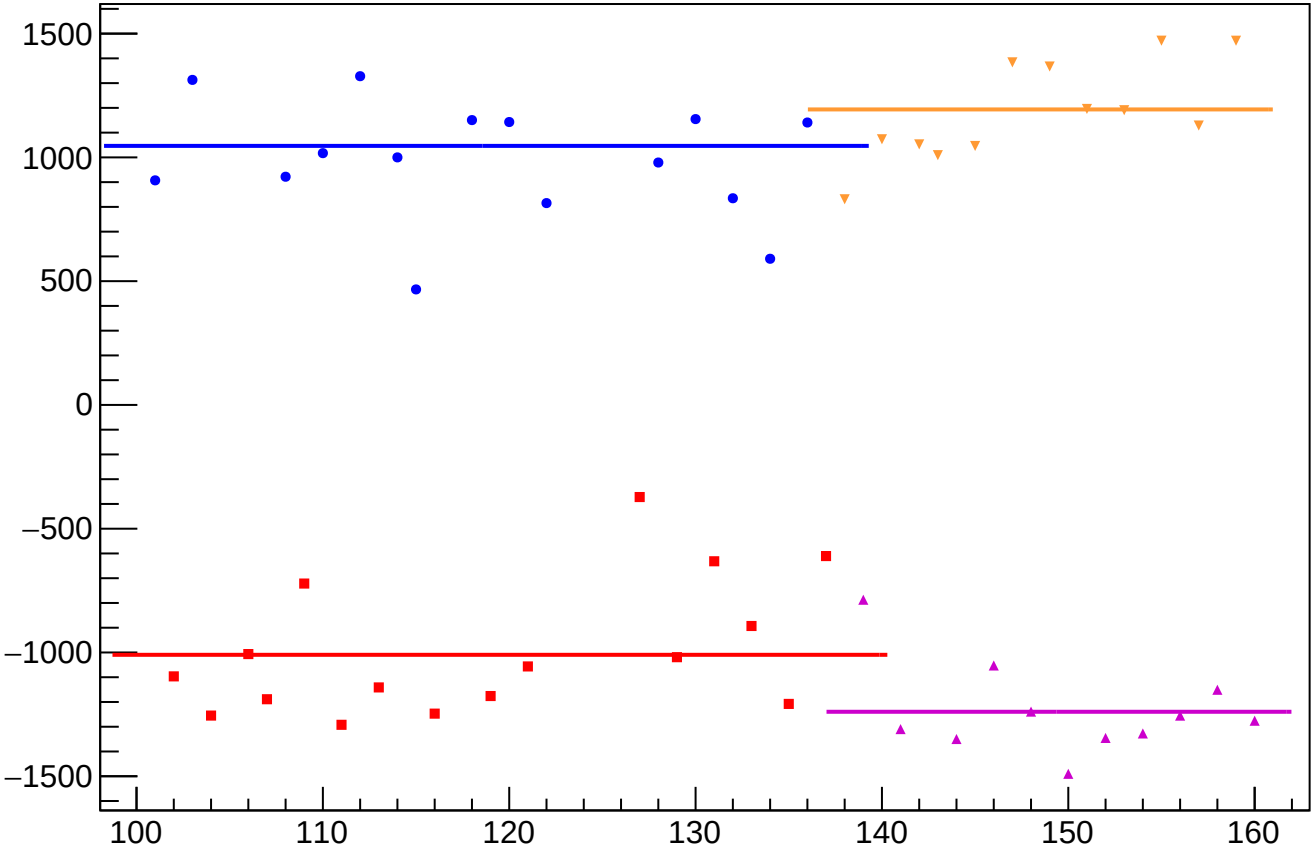
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

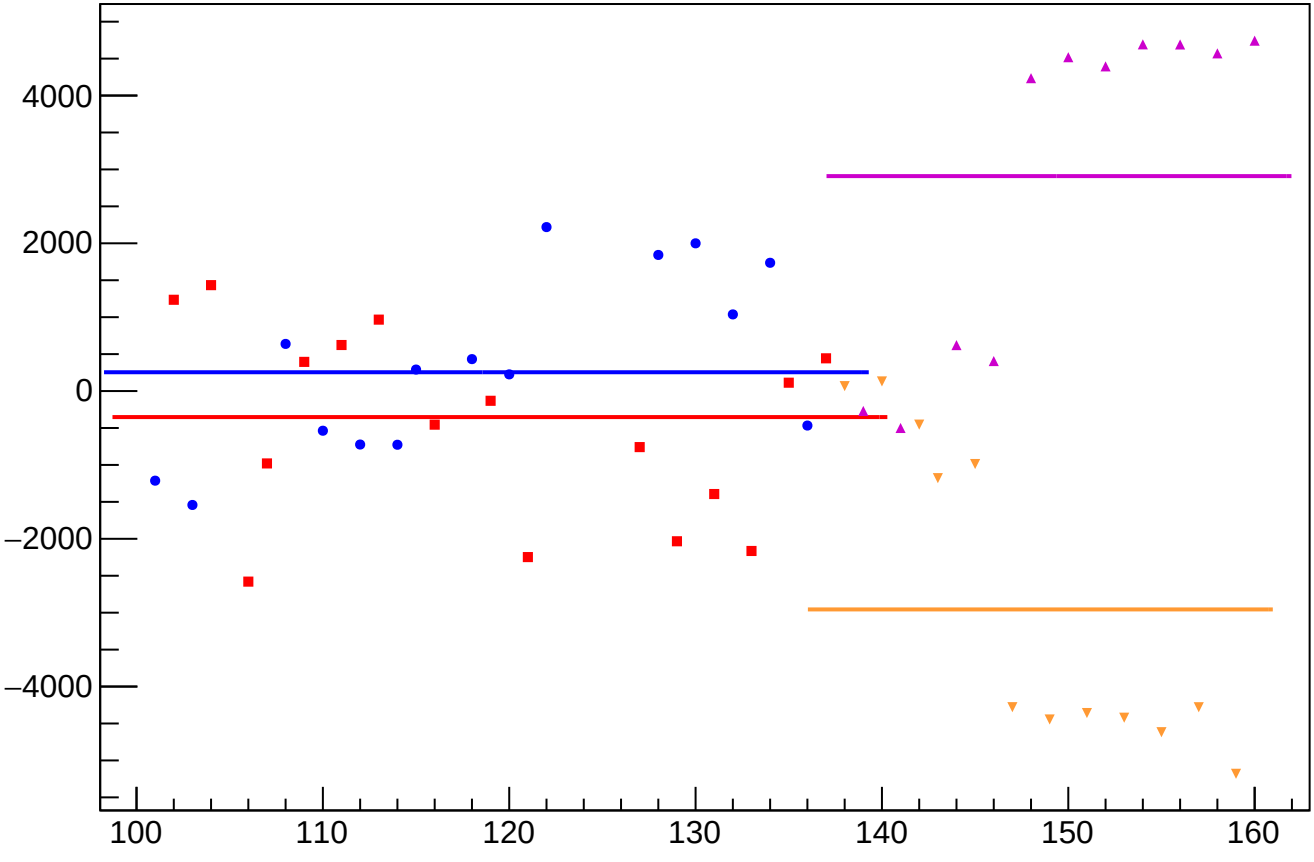
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

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

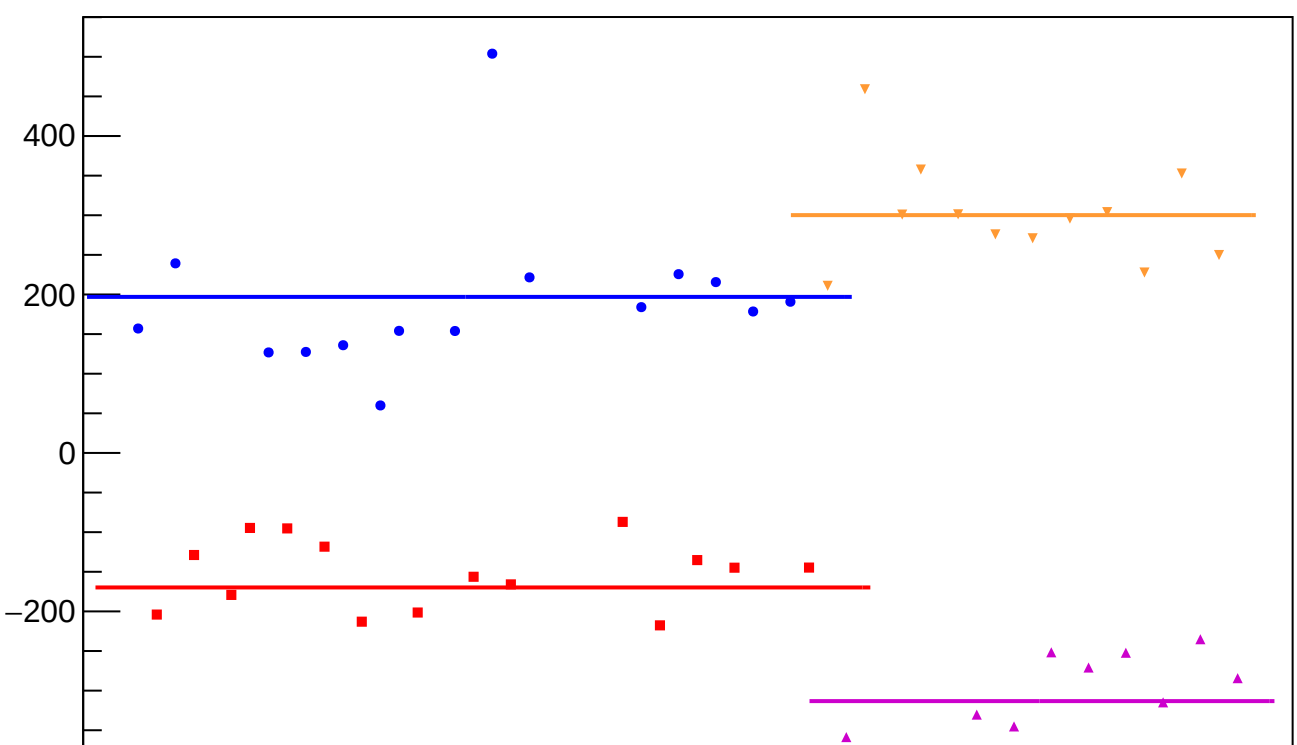
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

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

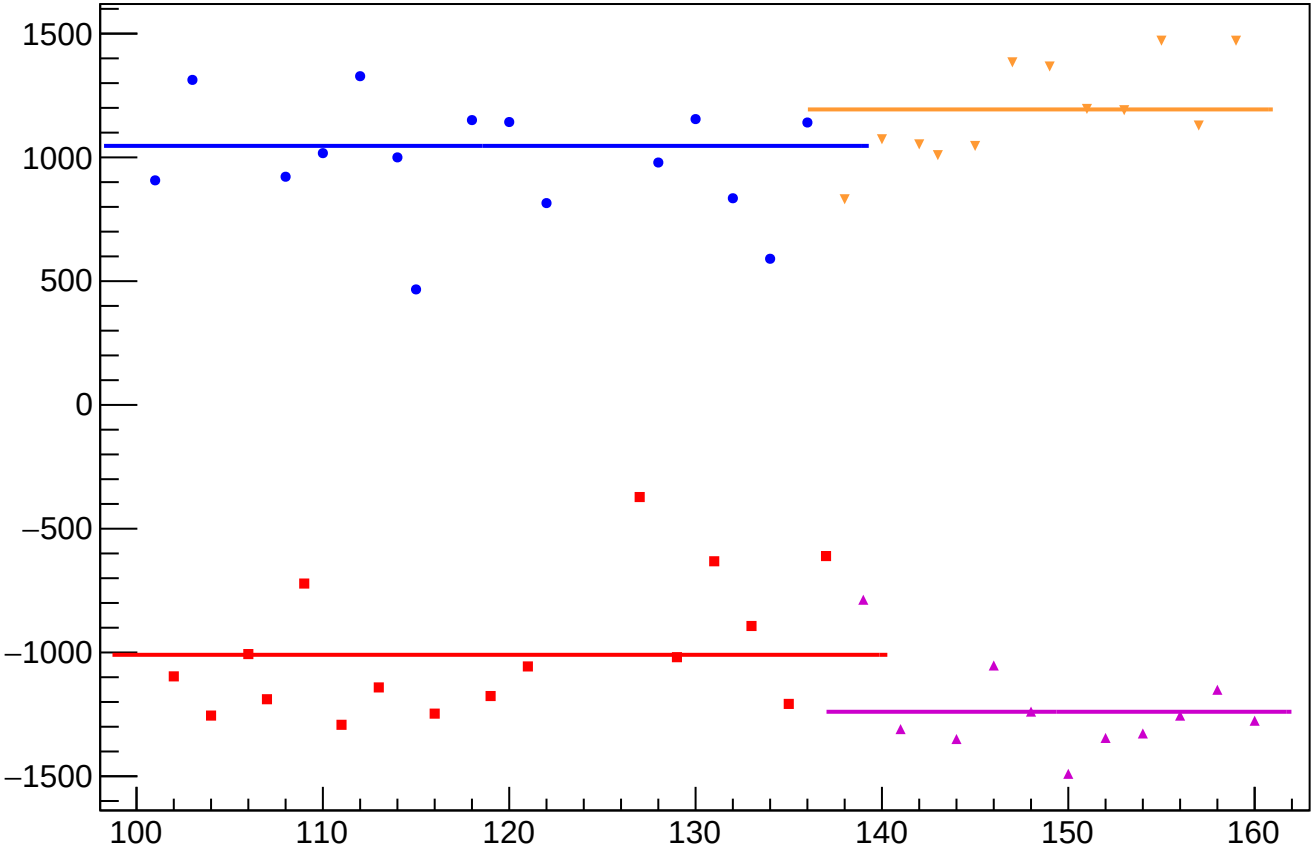
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

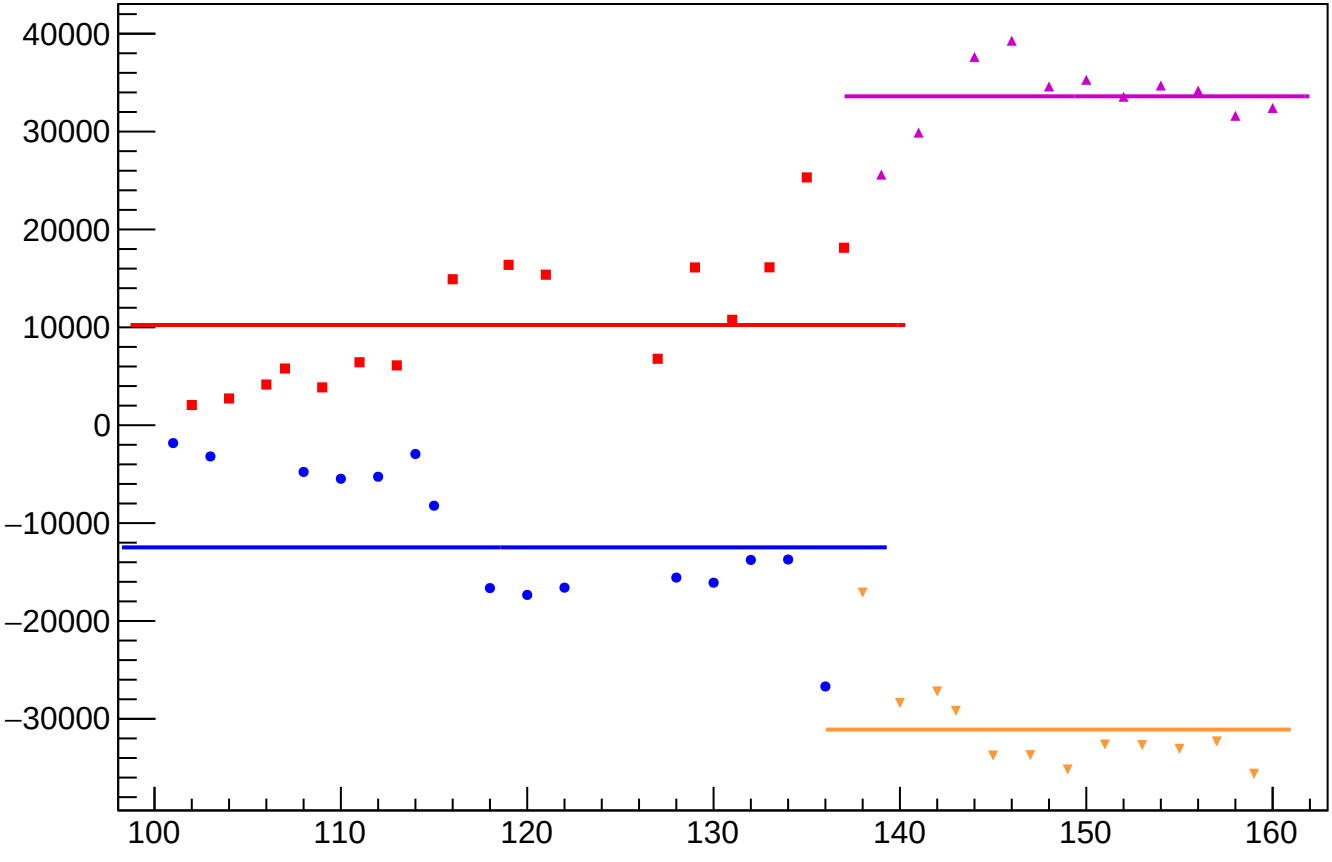
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

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

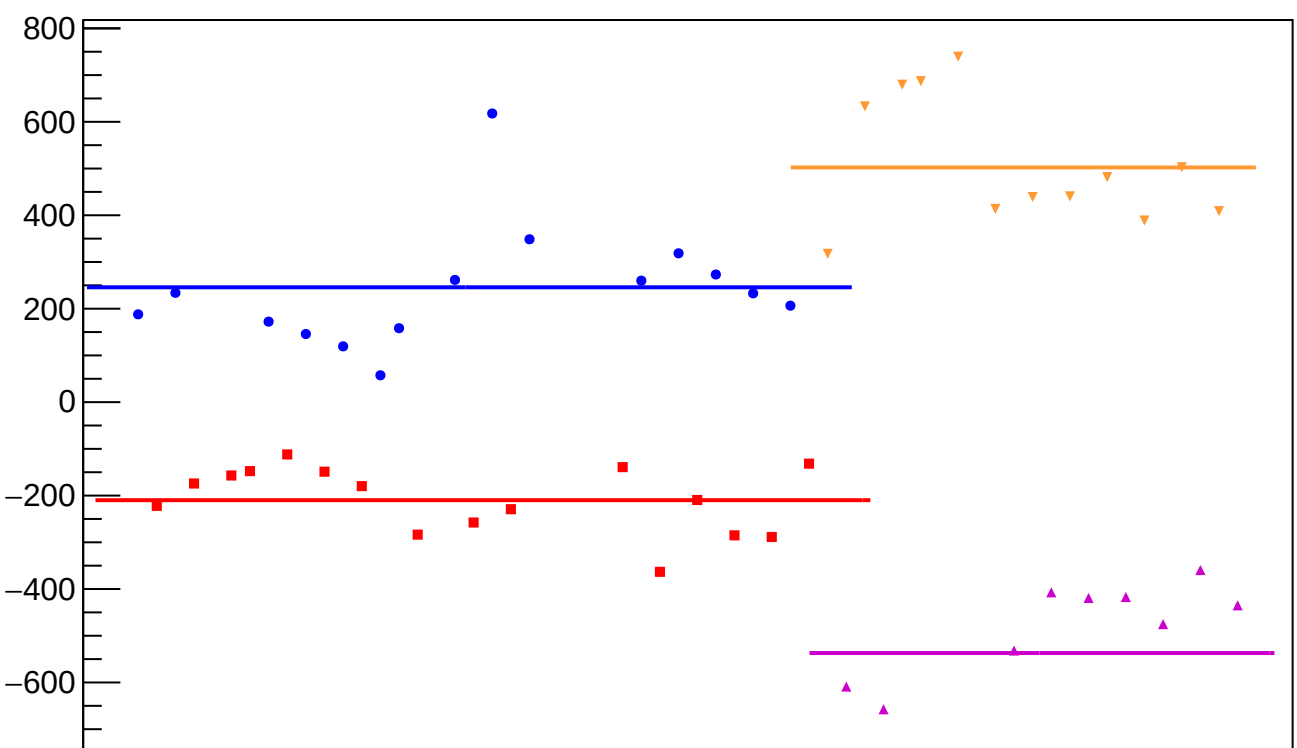
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

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

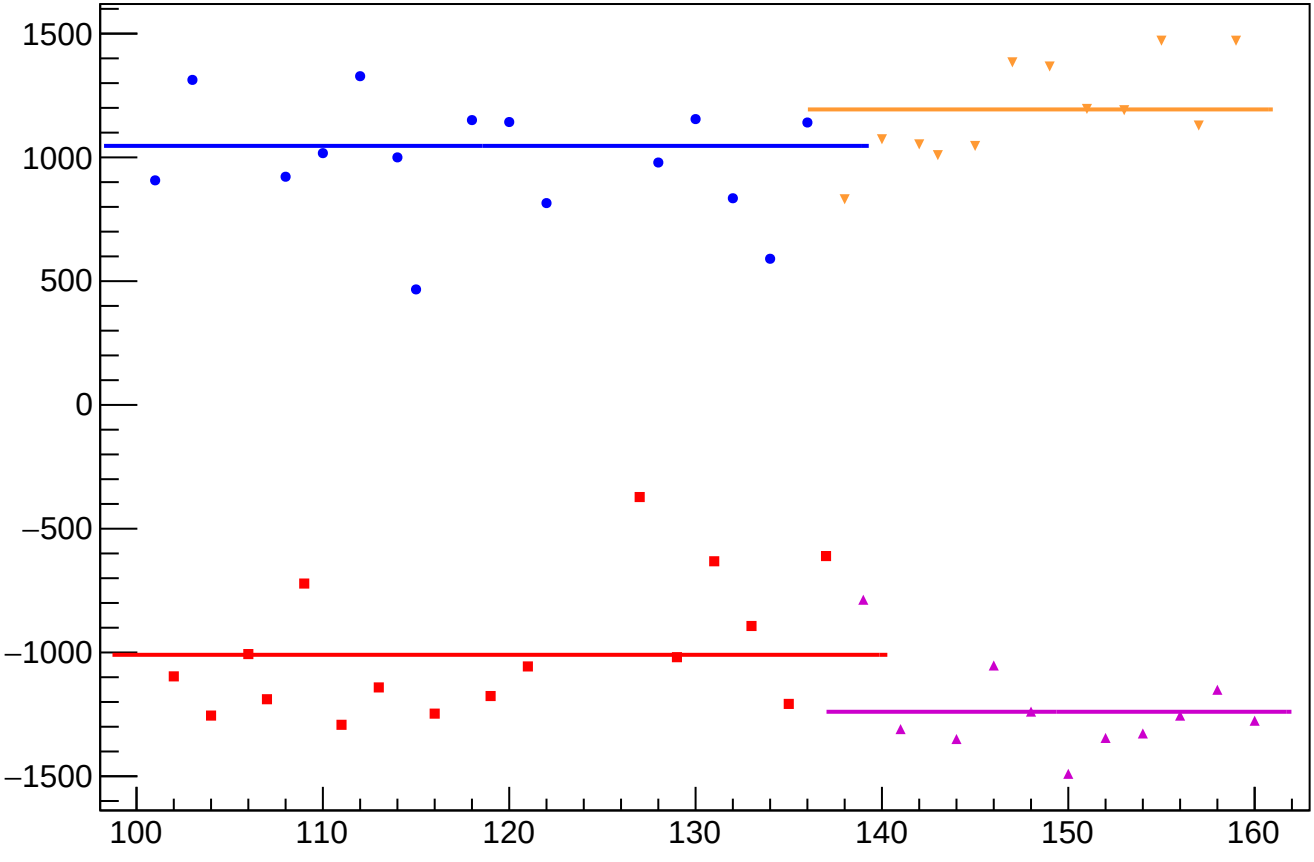
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

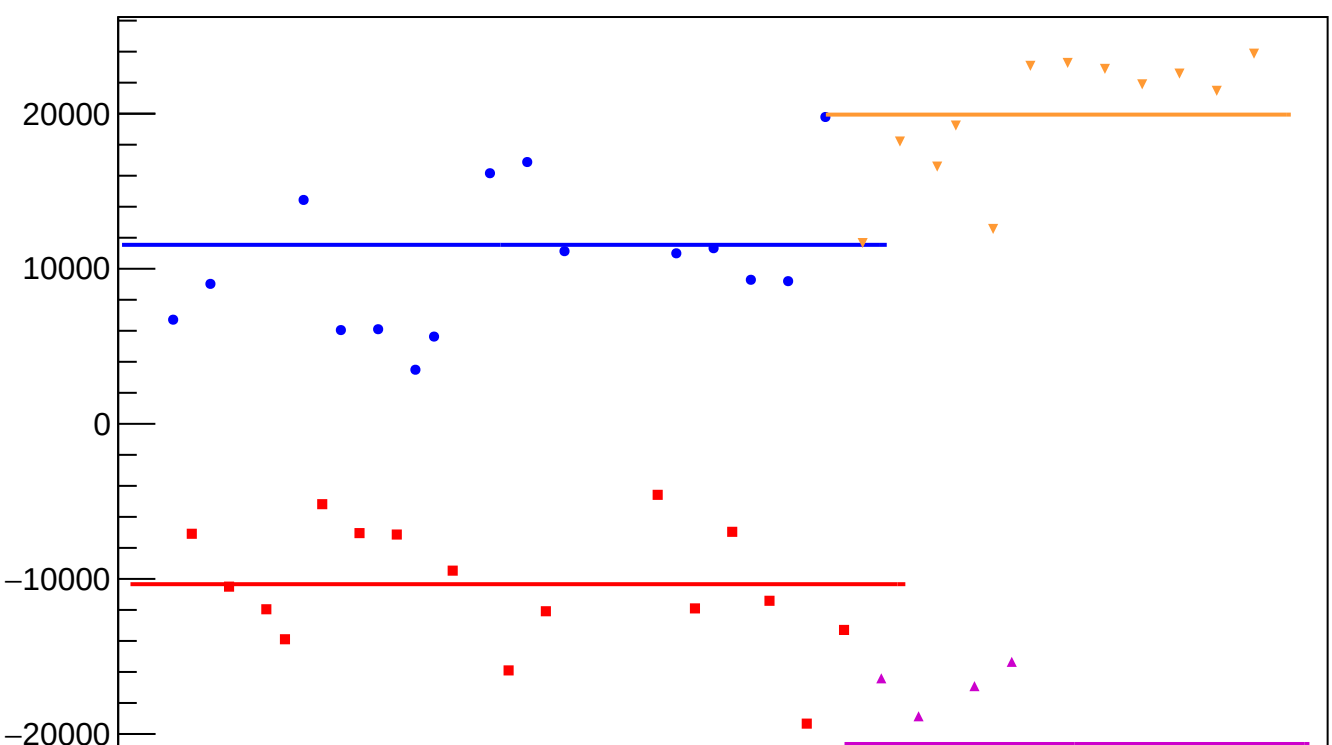
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

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

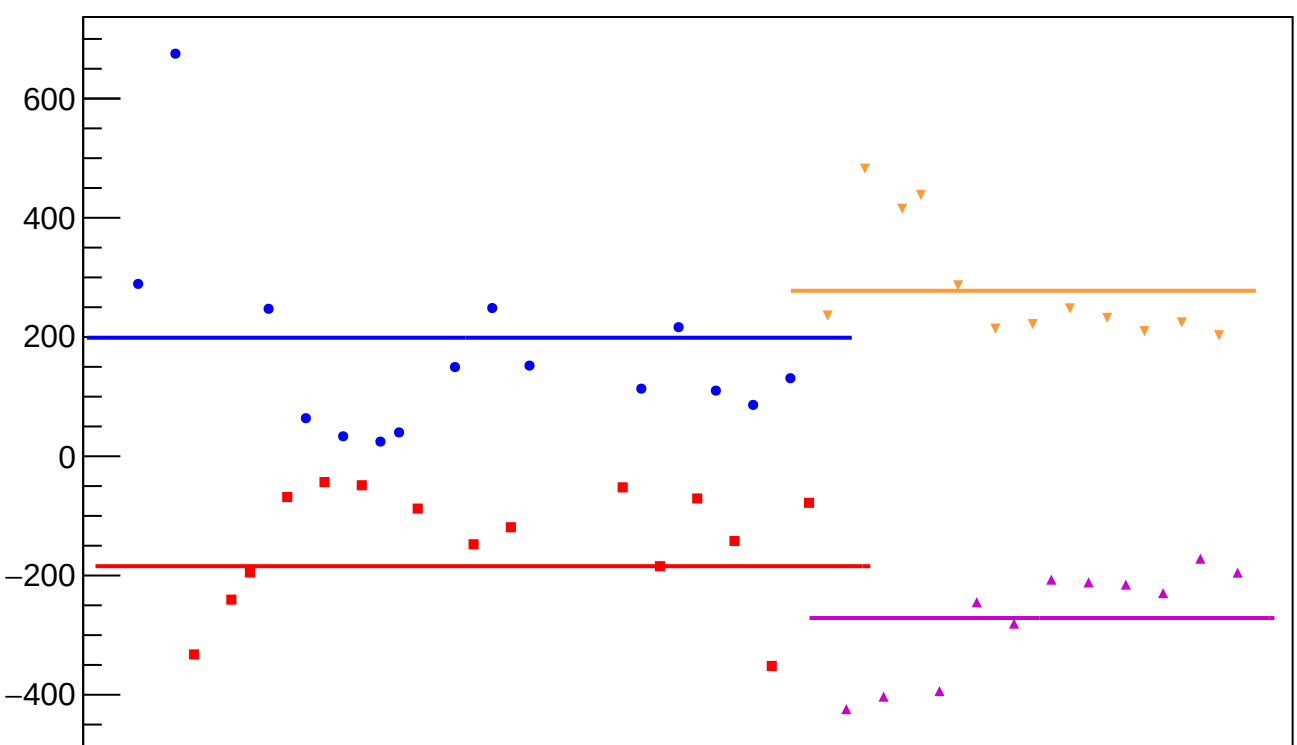
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

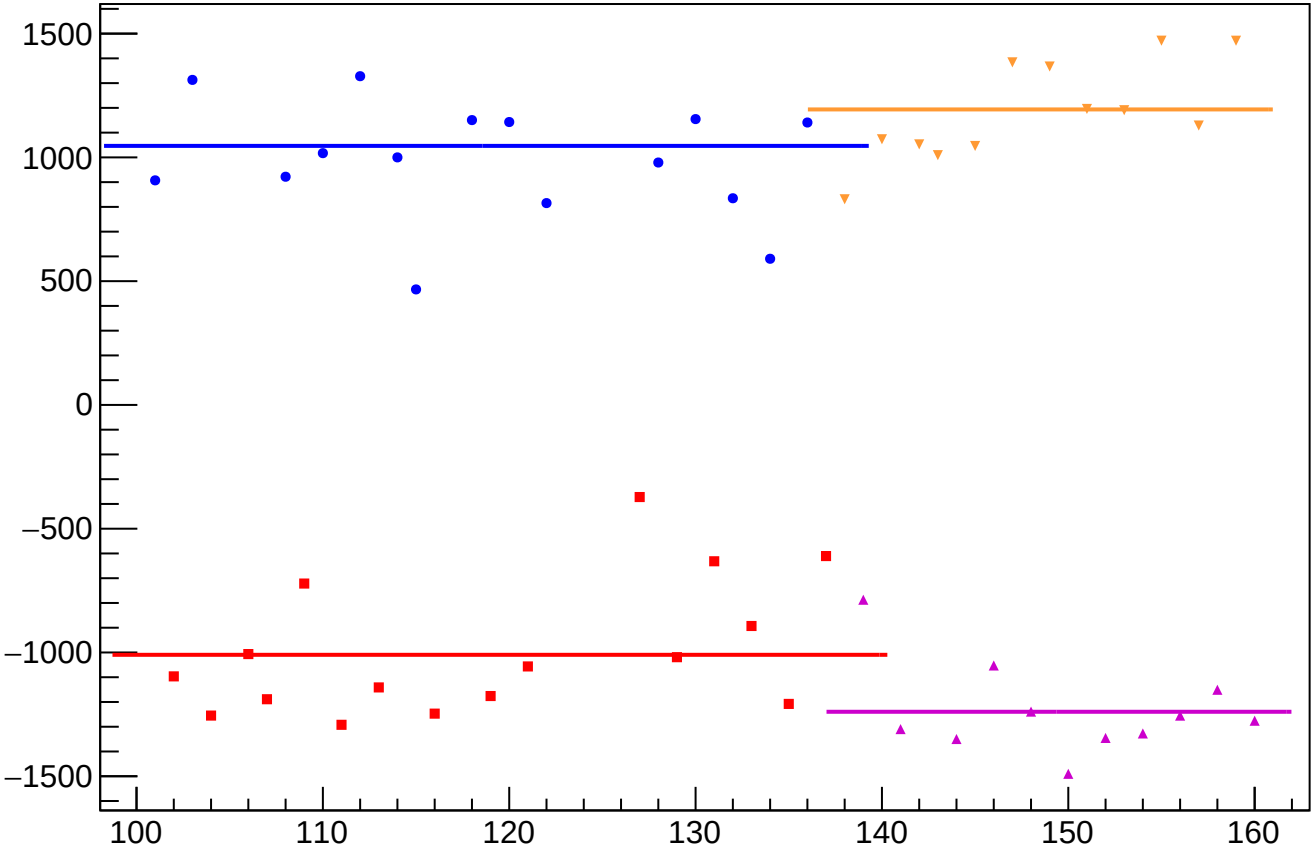
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



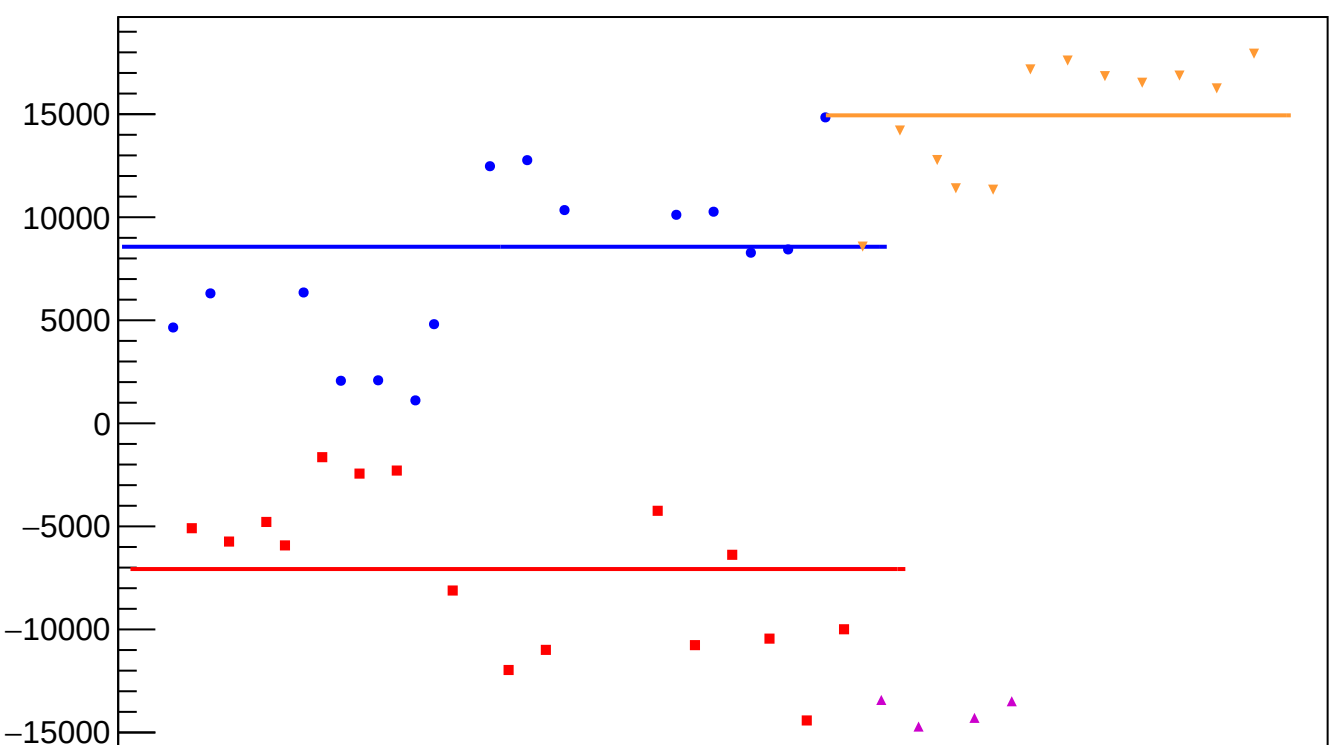
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right 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



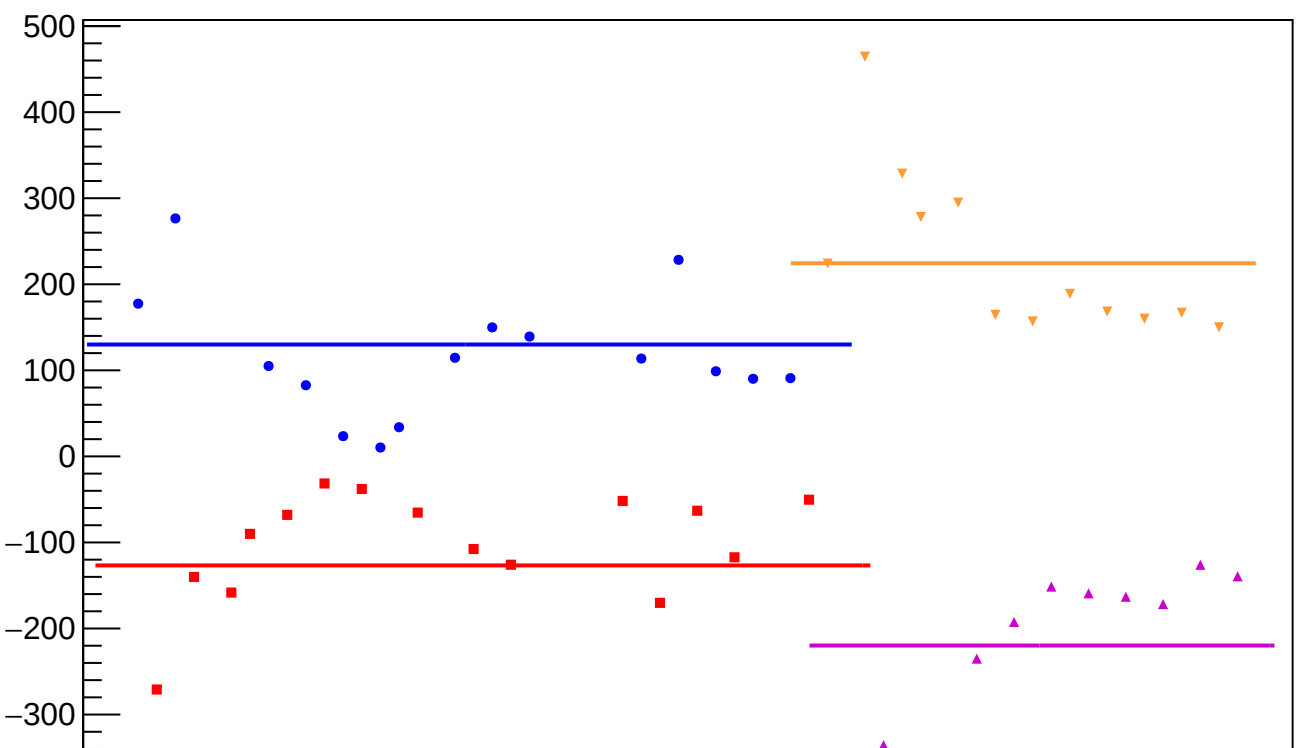
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



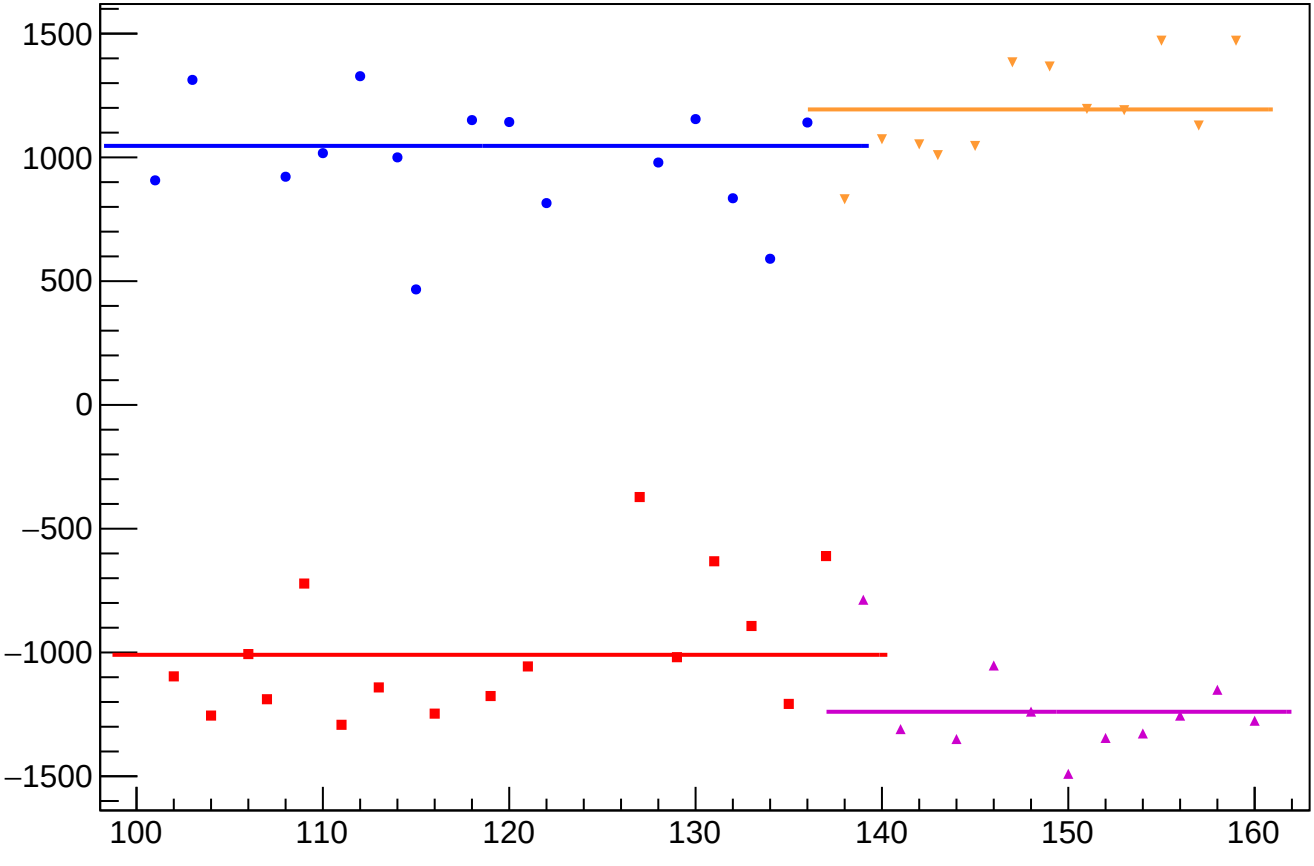
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
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



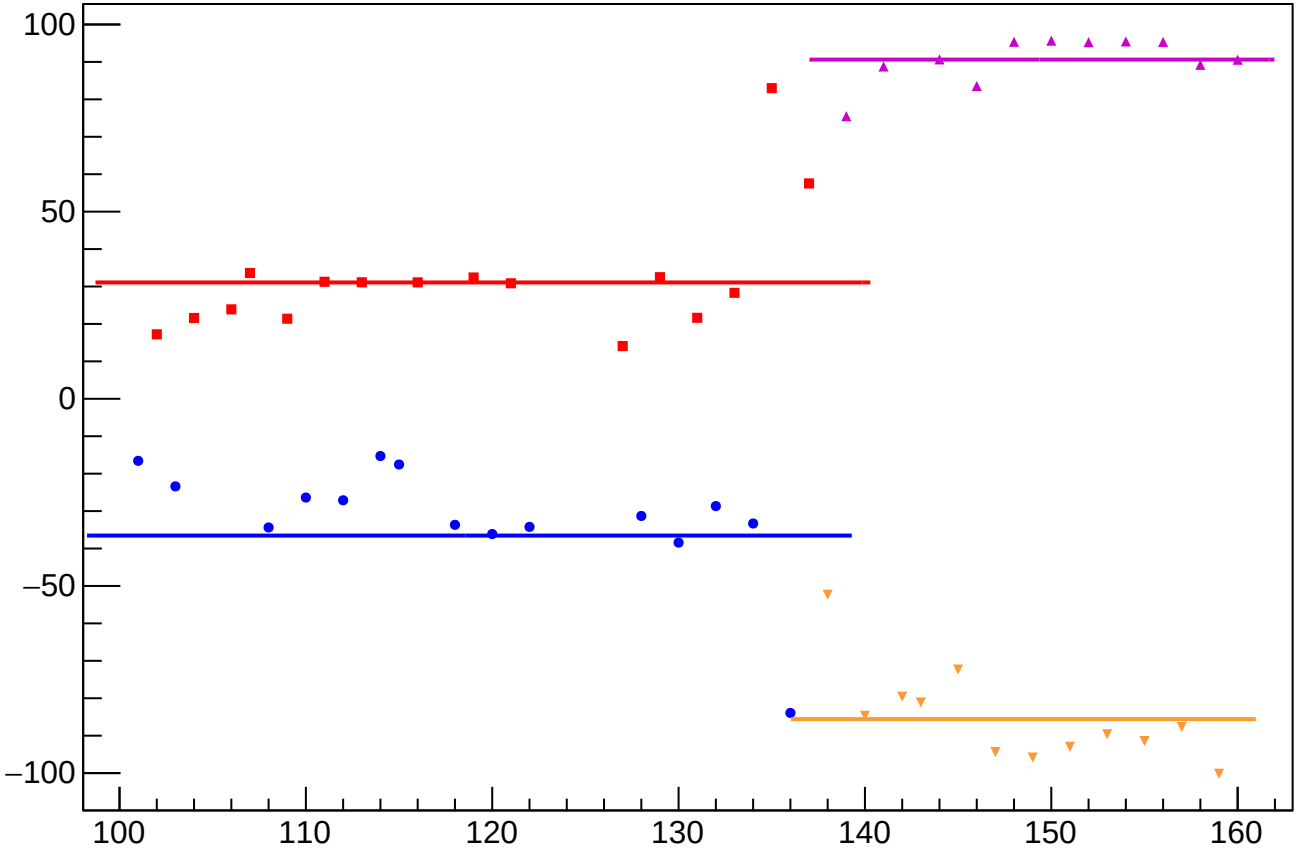
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right 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



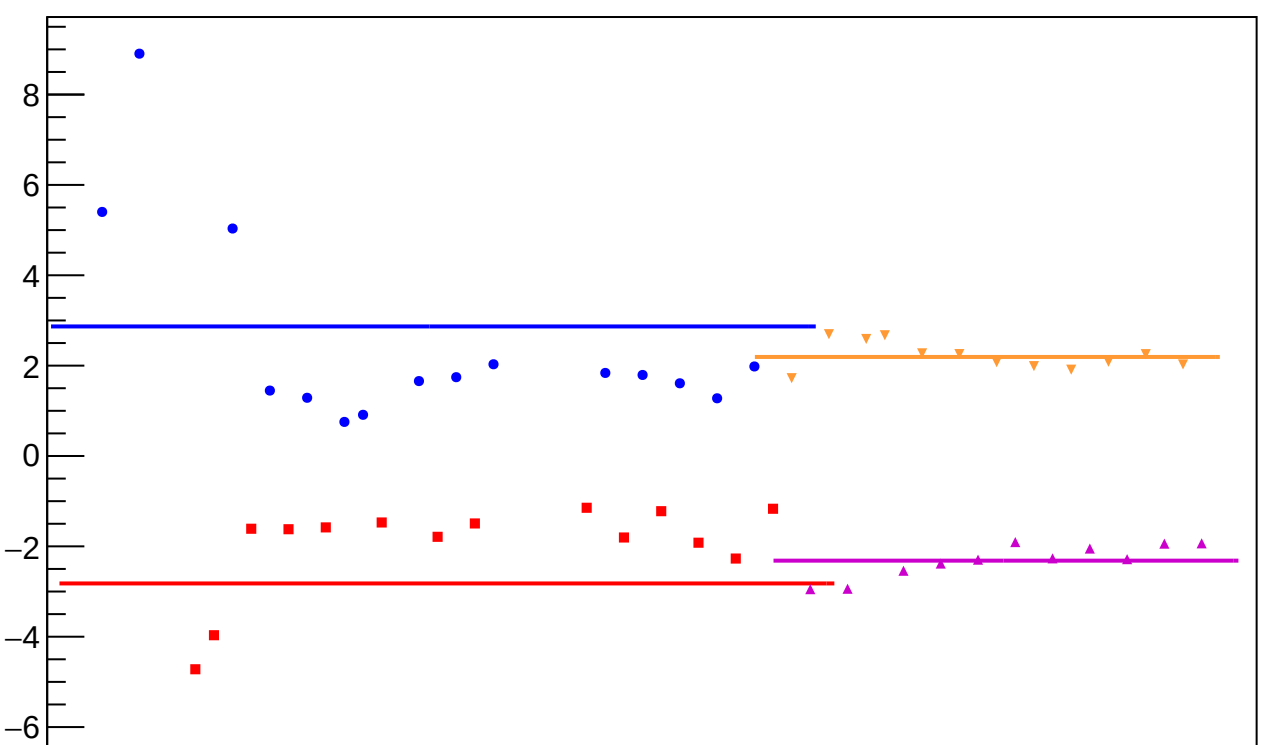
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

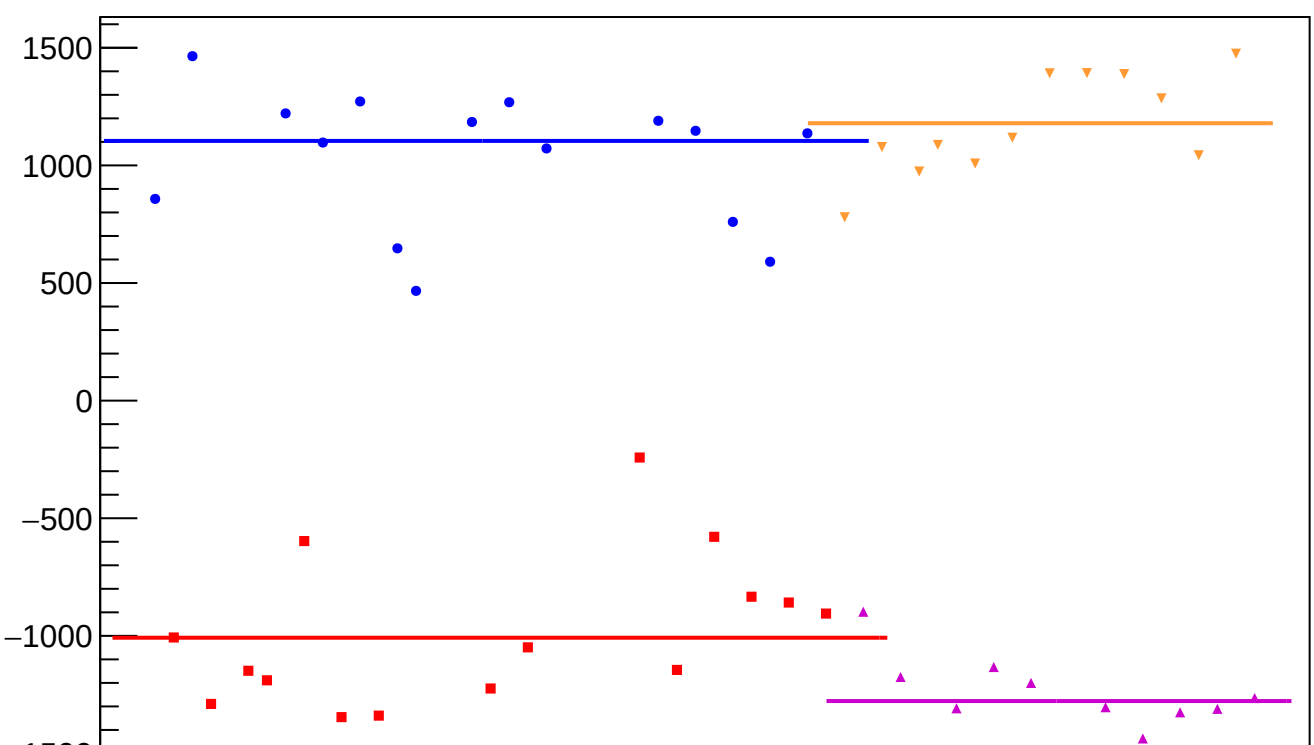
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

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

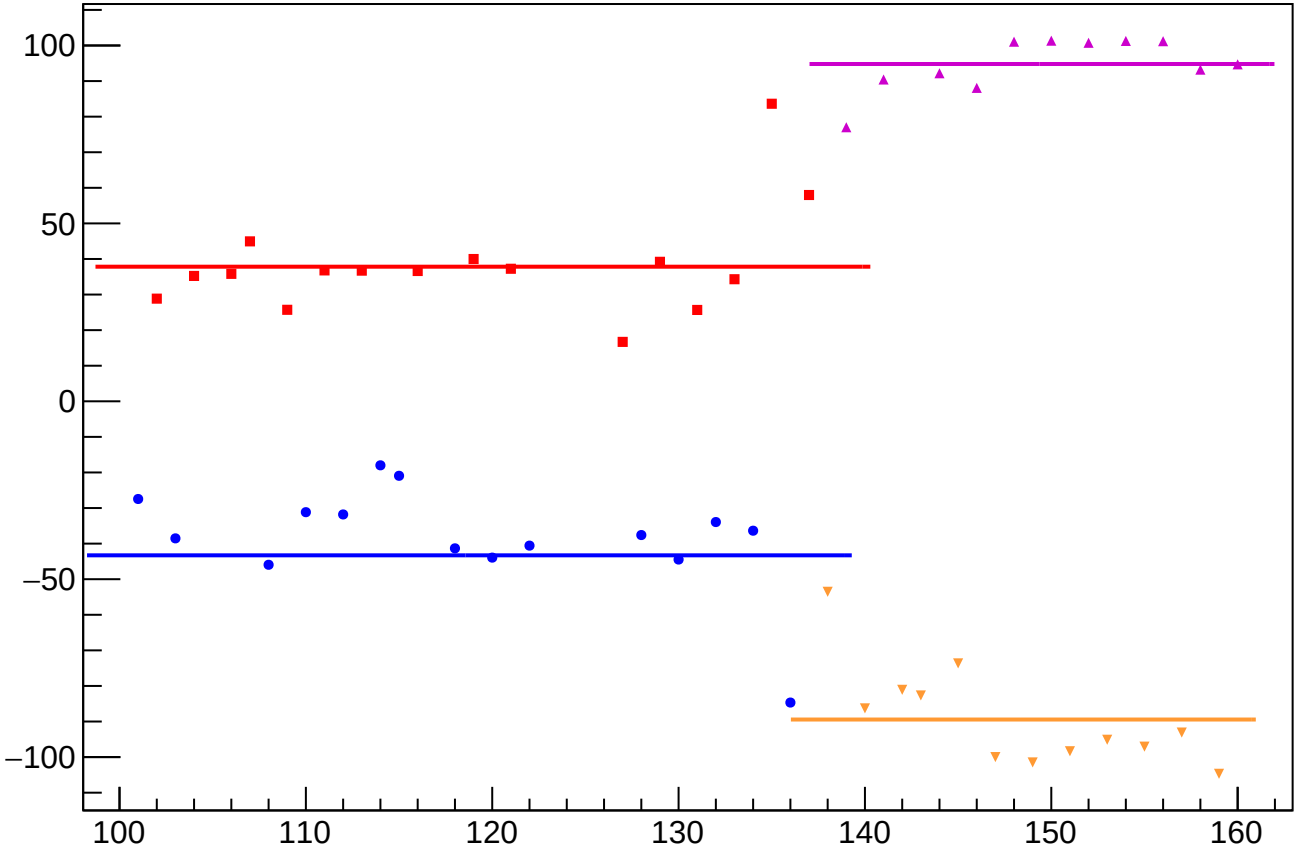
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

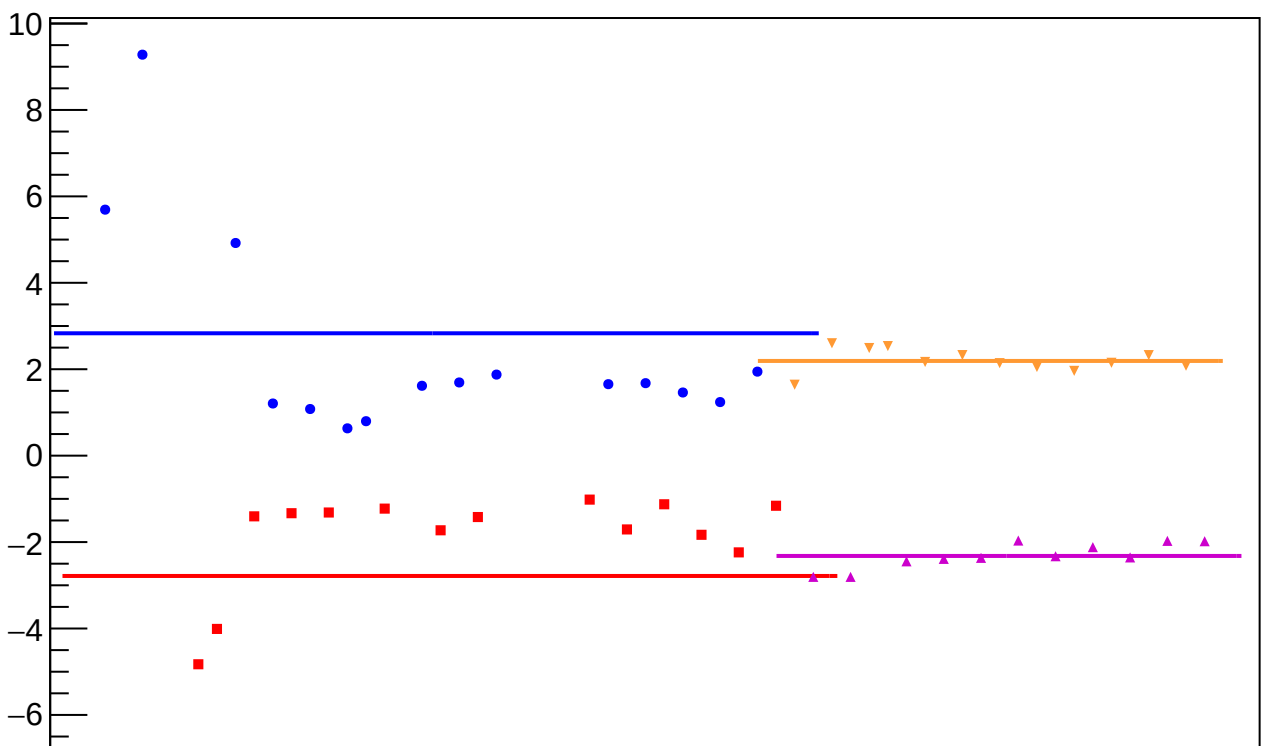
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

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

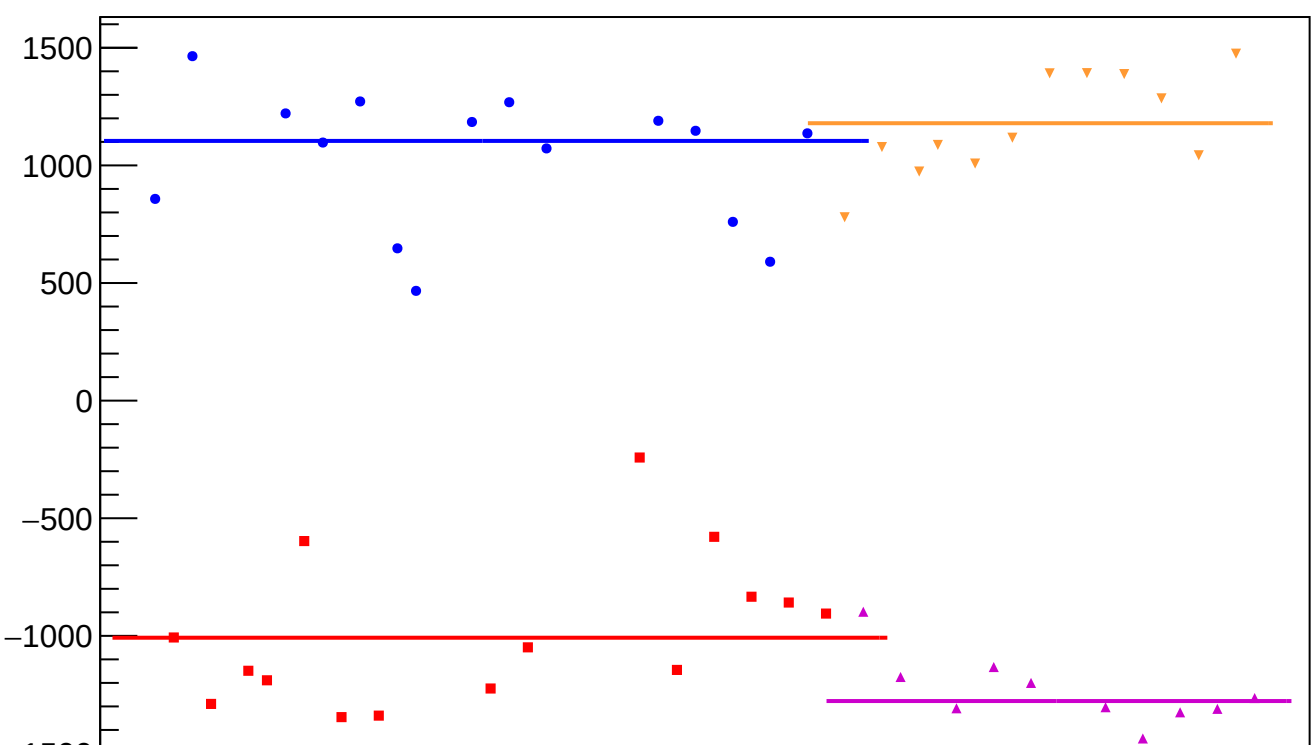
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

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

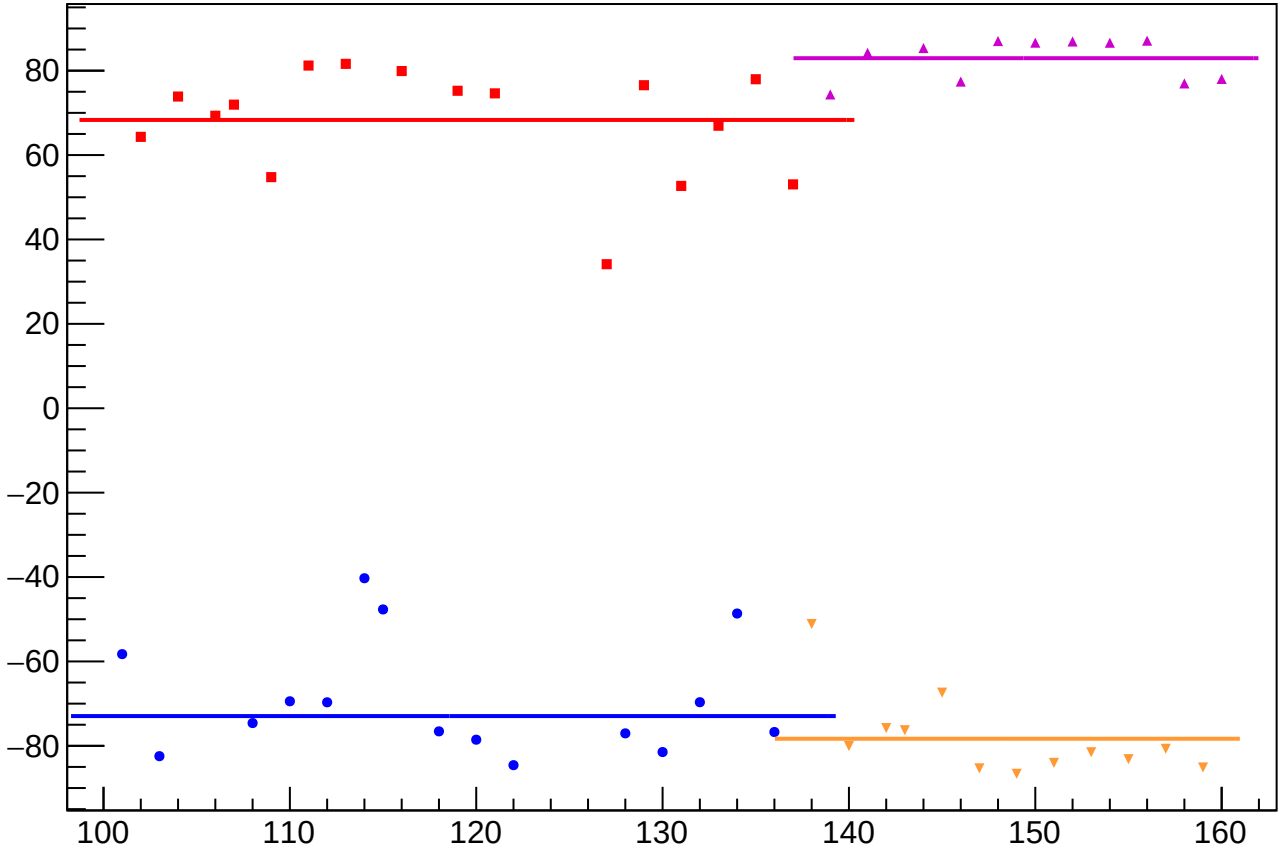
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

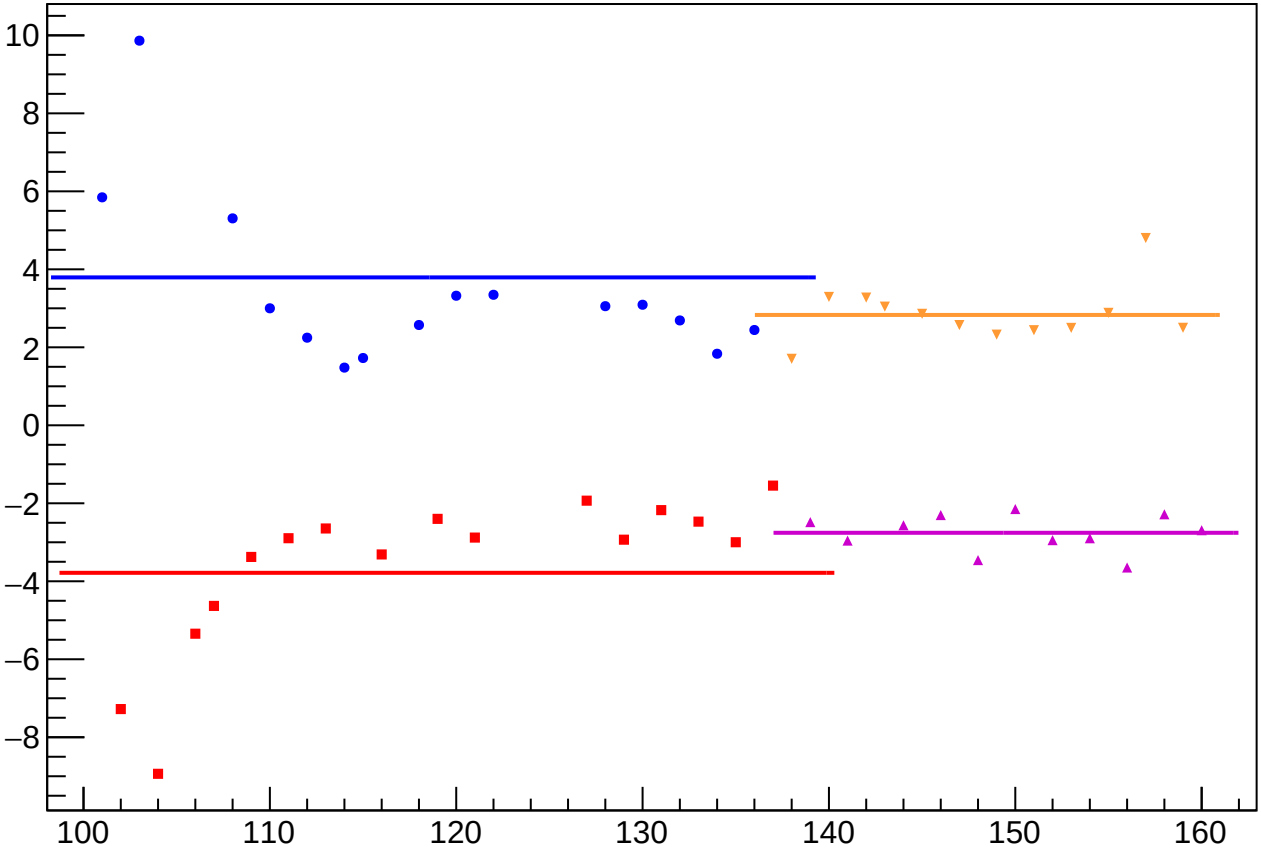
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

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

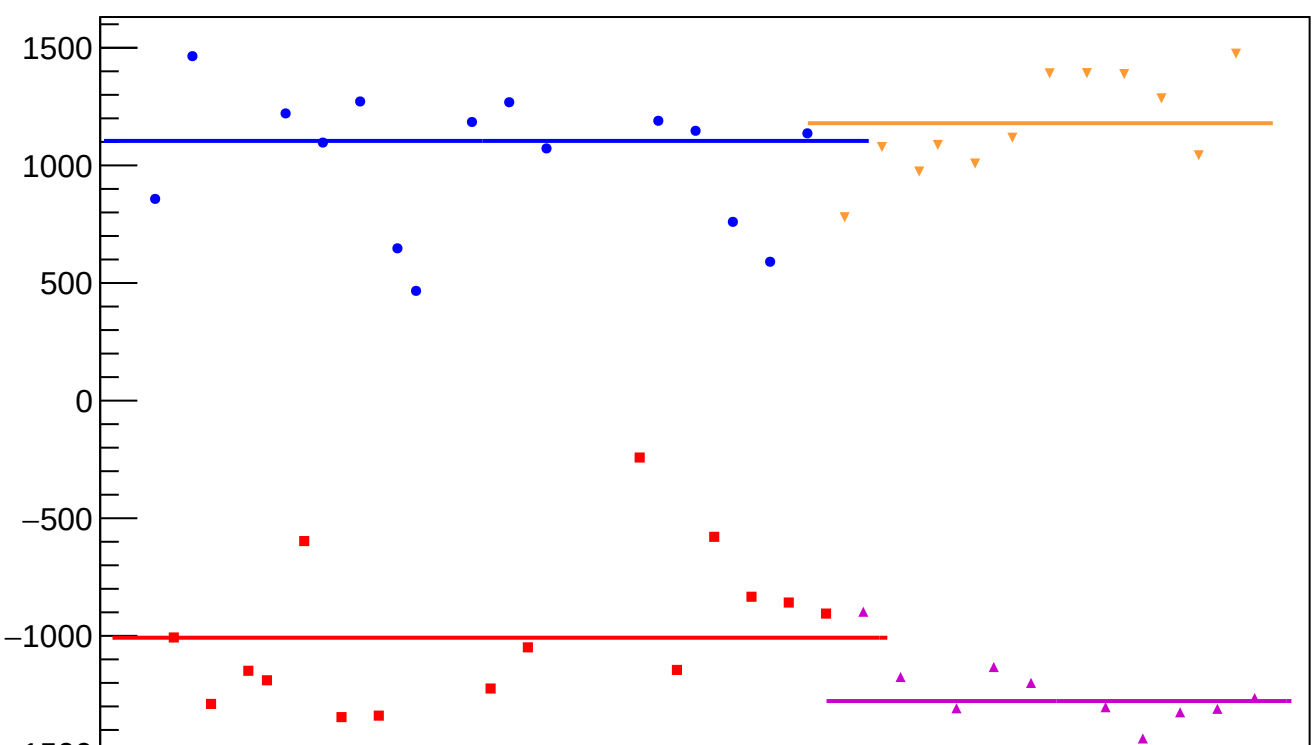
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

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

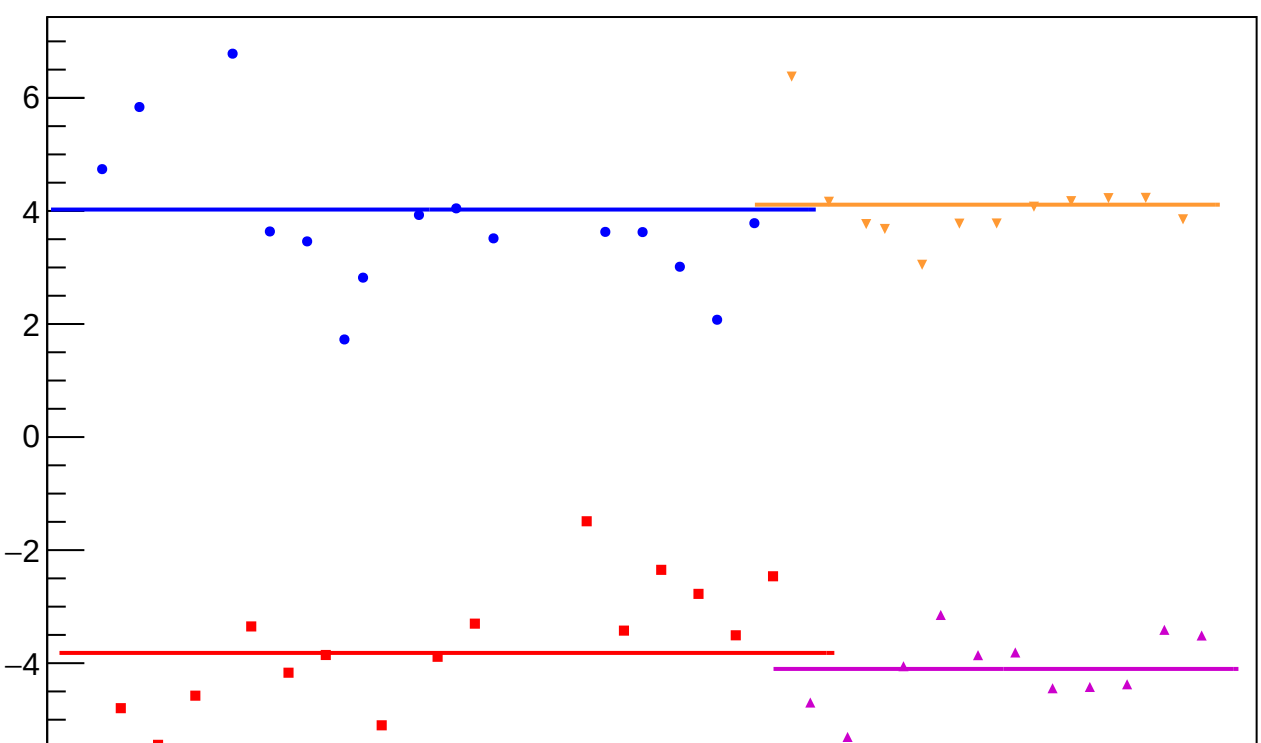
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

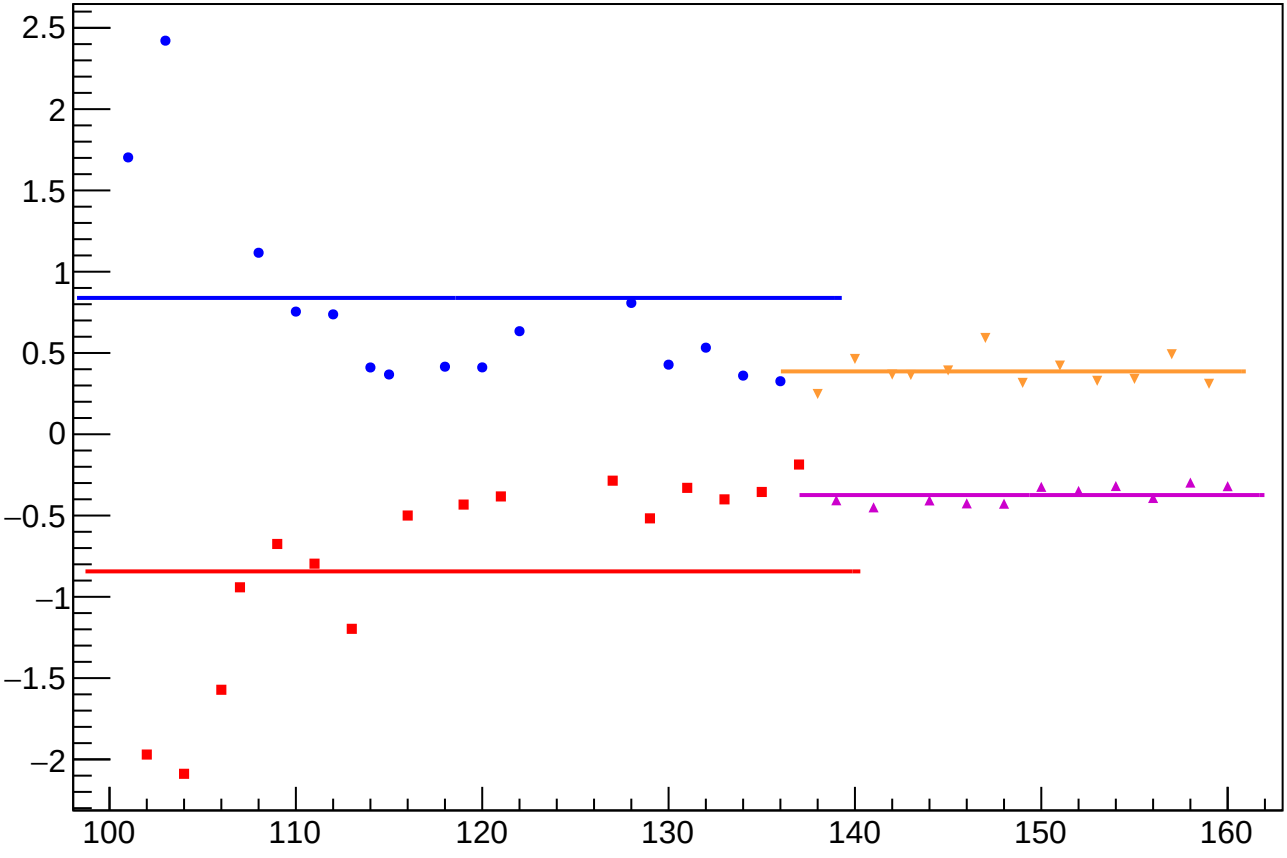
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

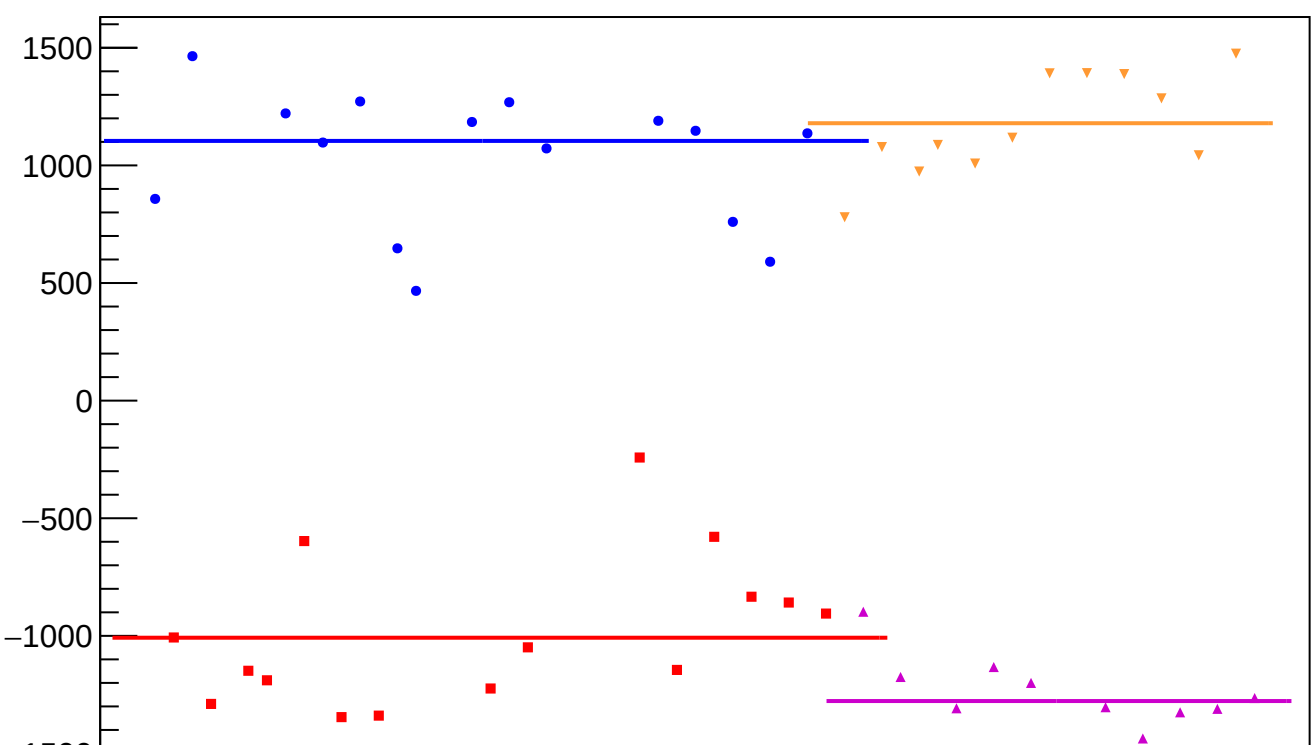
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

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

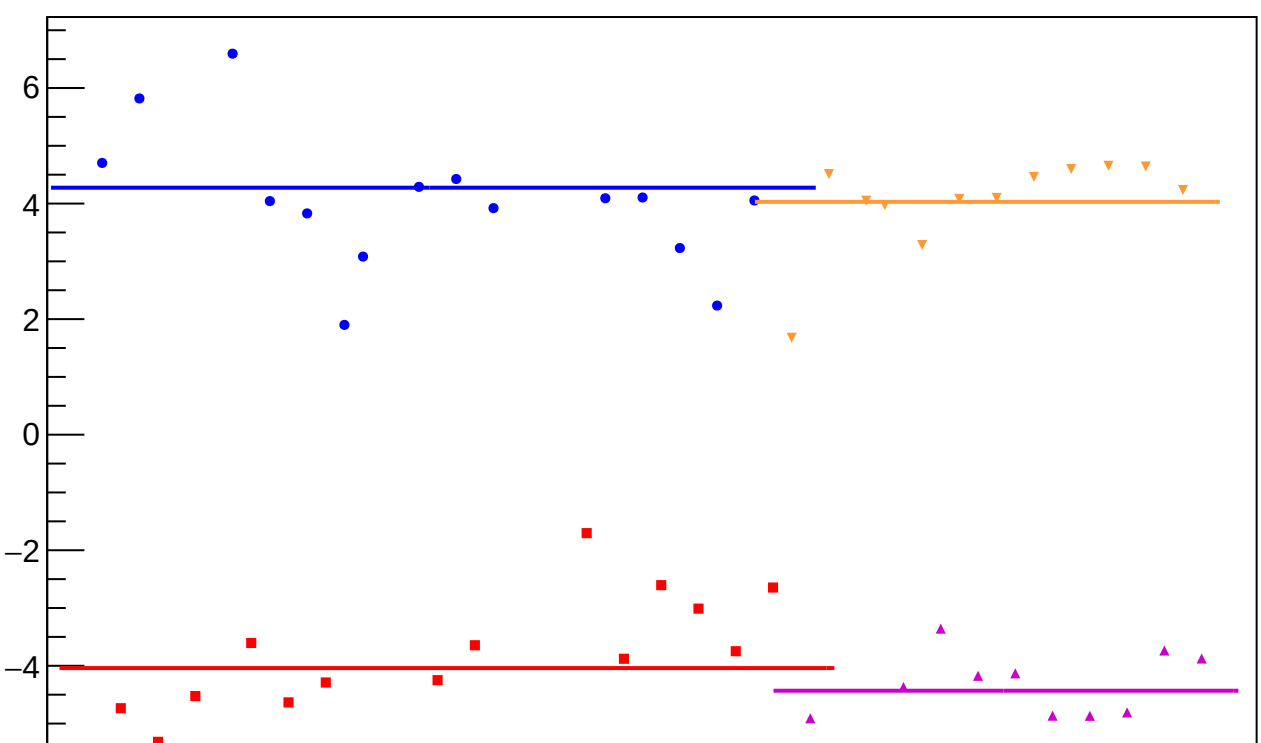
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

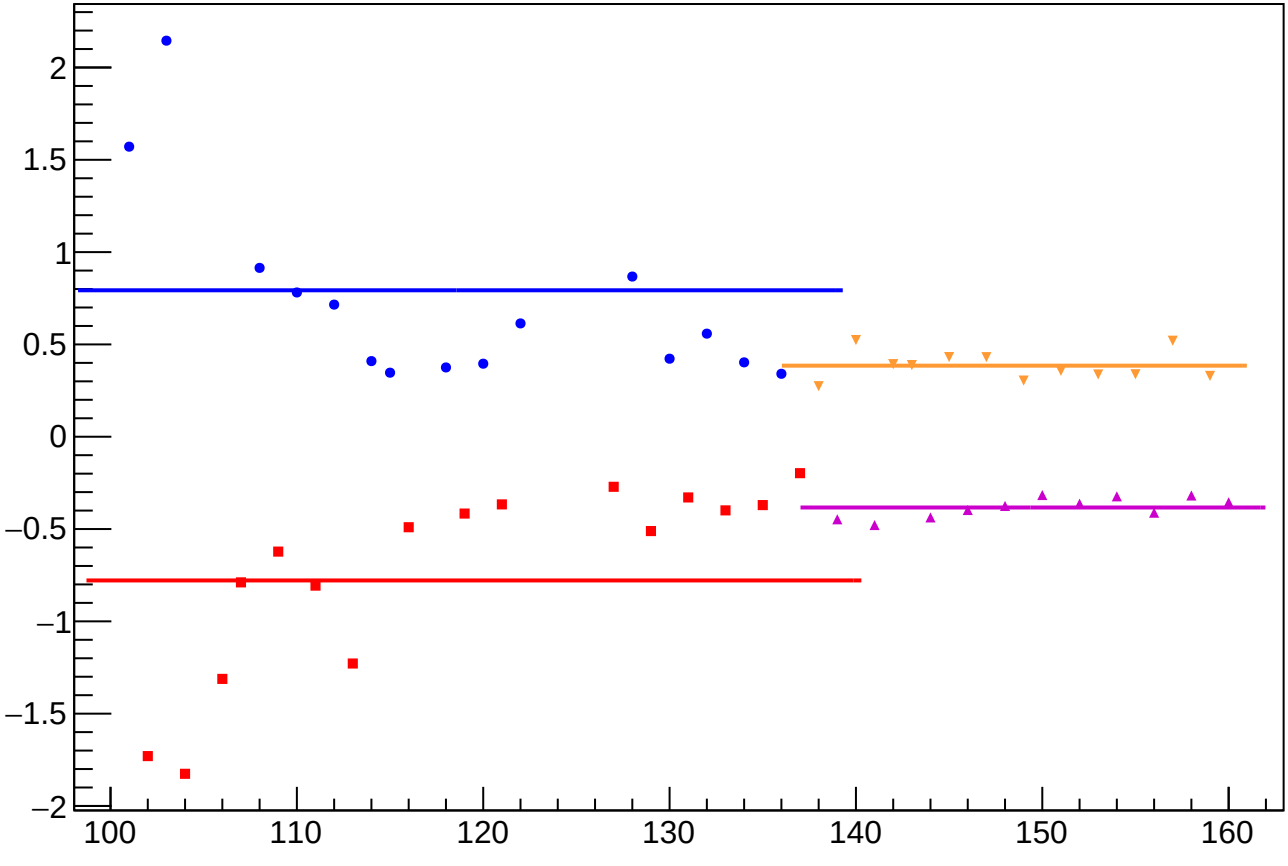
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

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

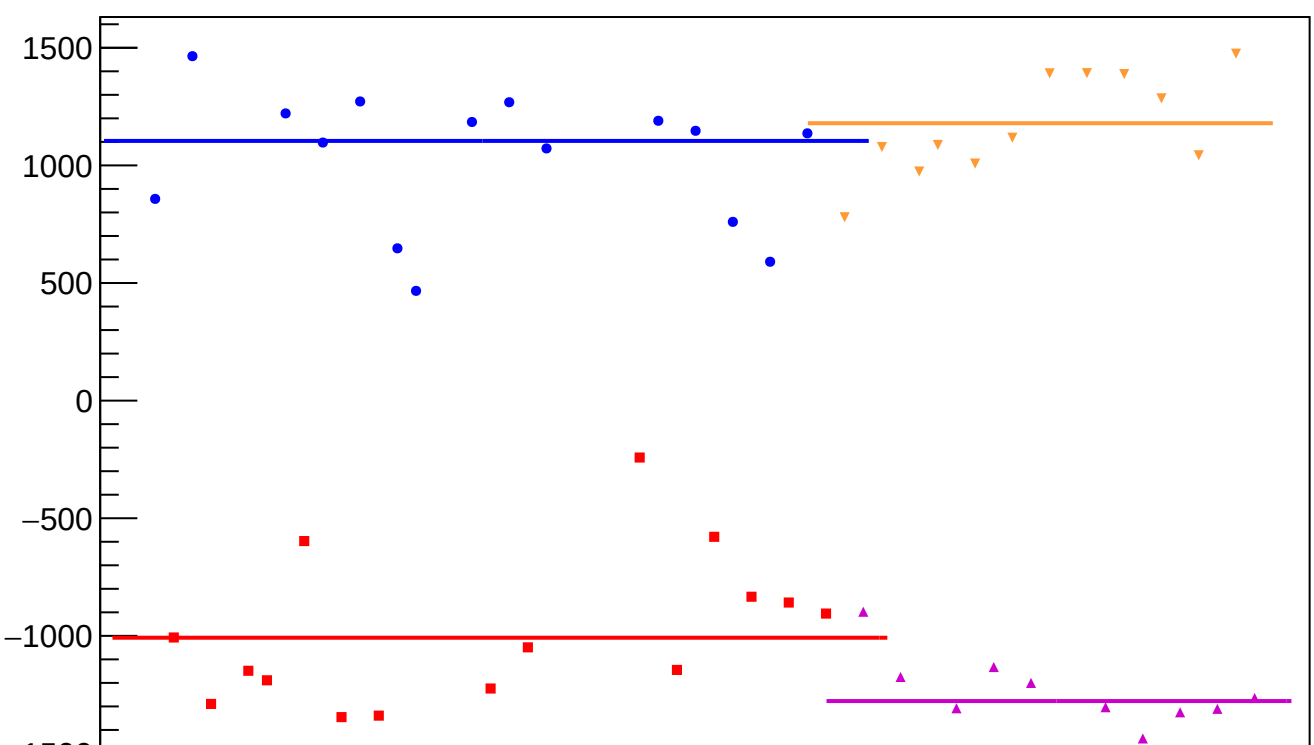
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

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

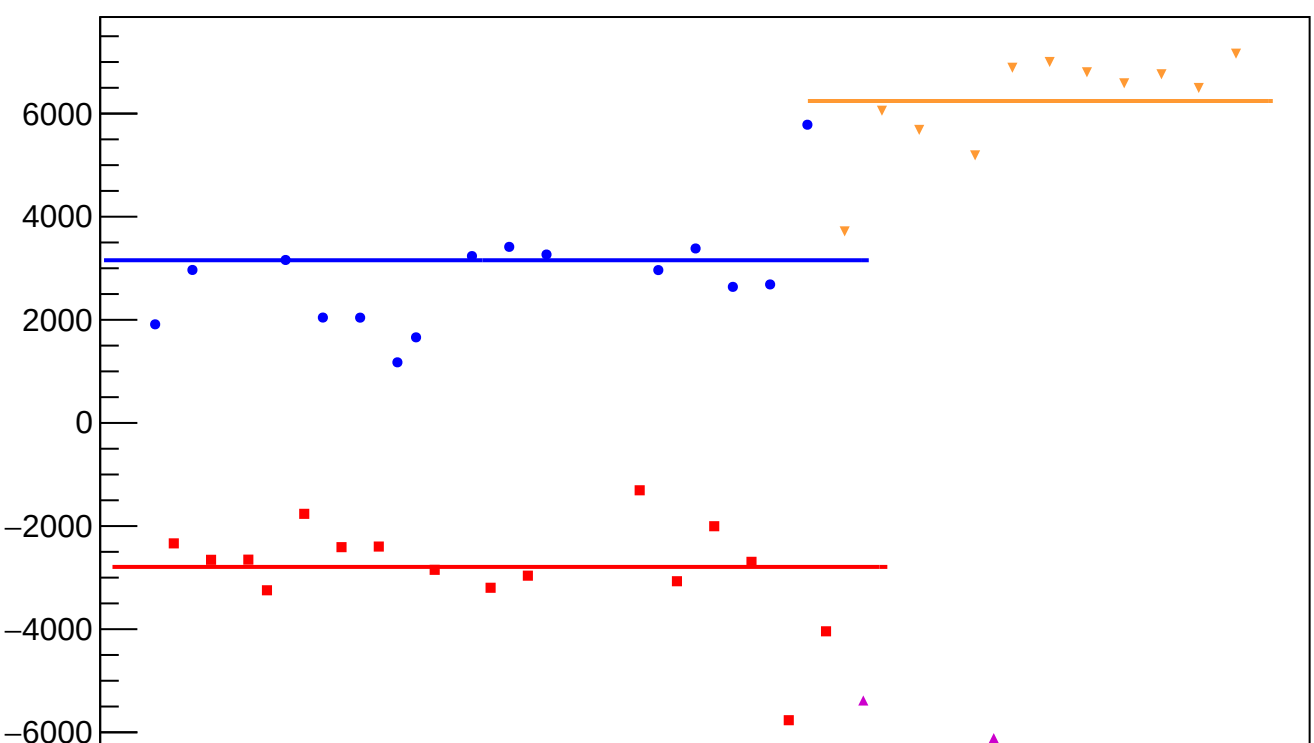
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

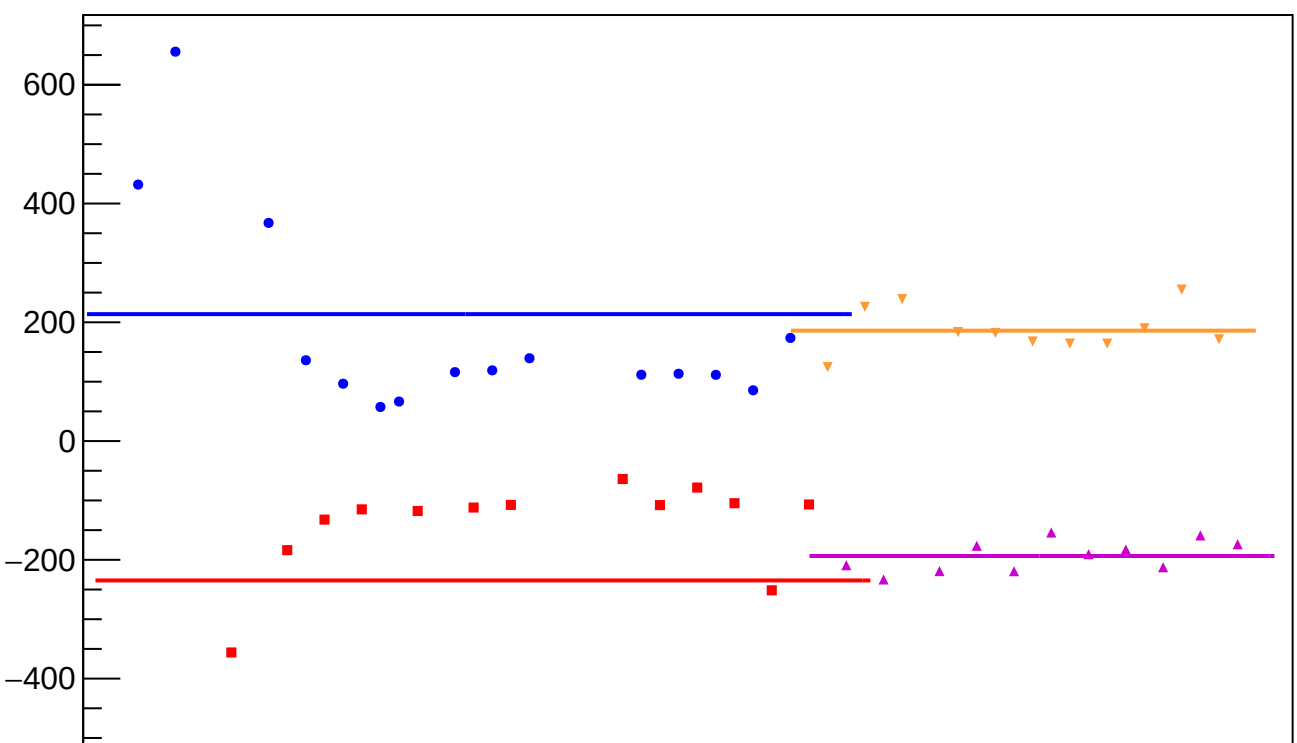
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

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

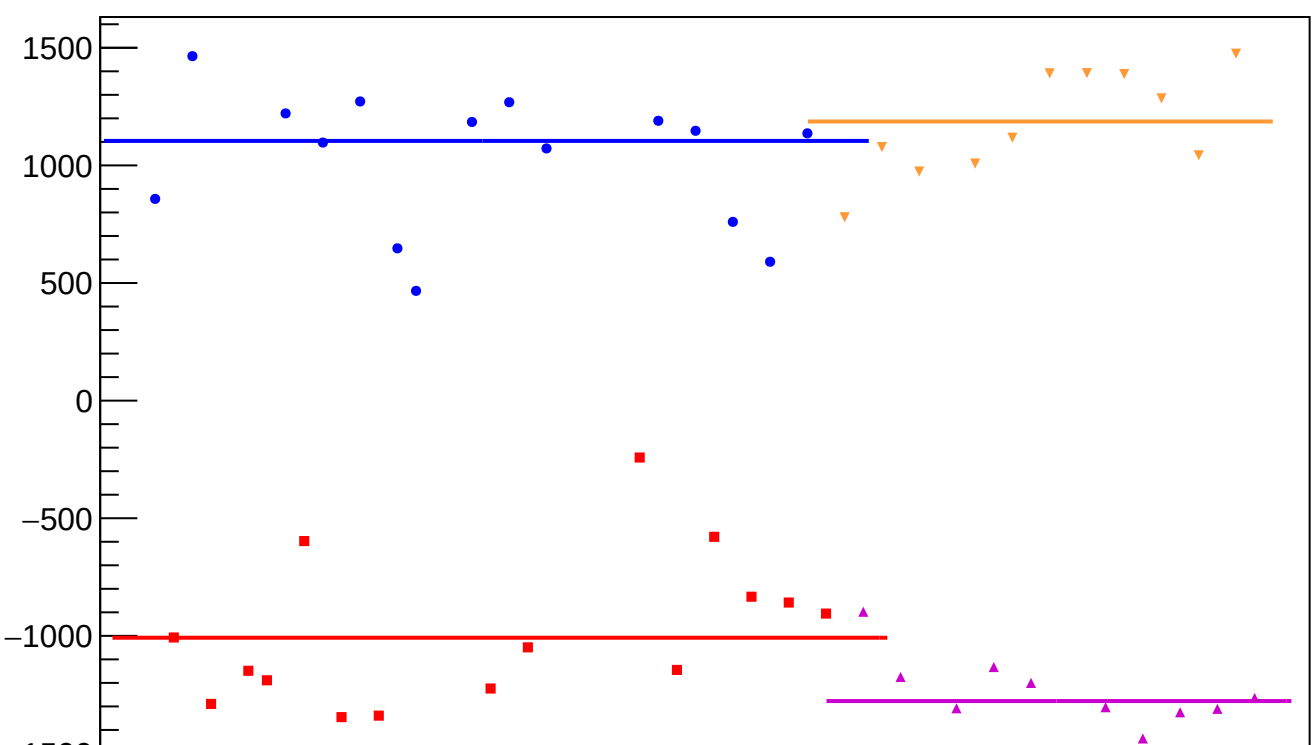
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

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

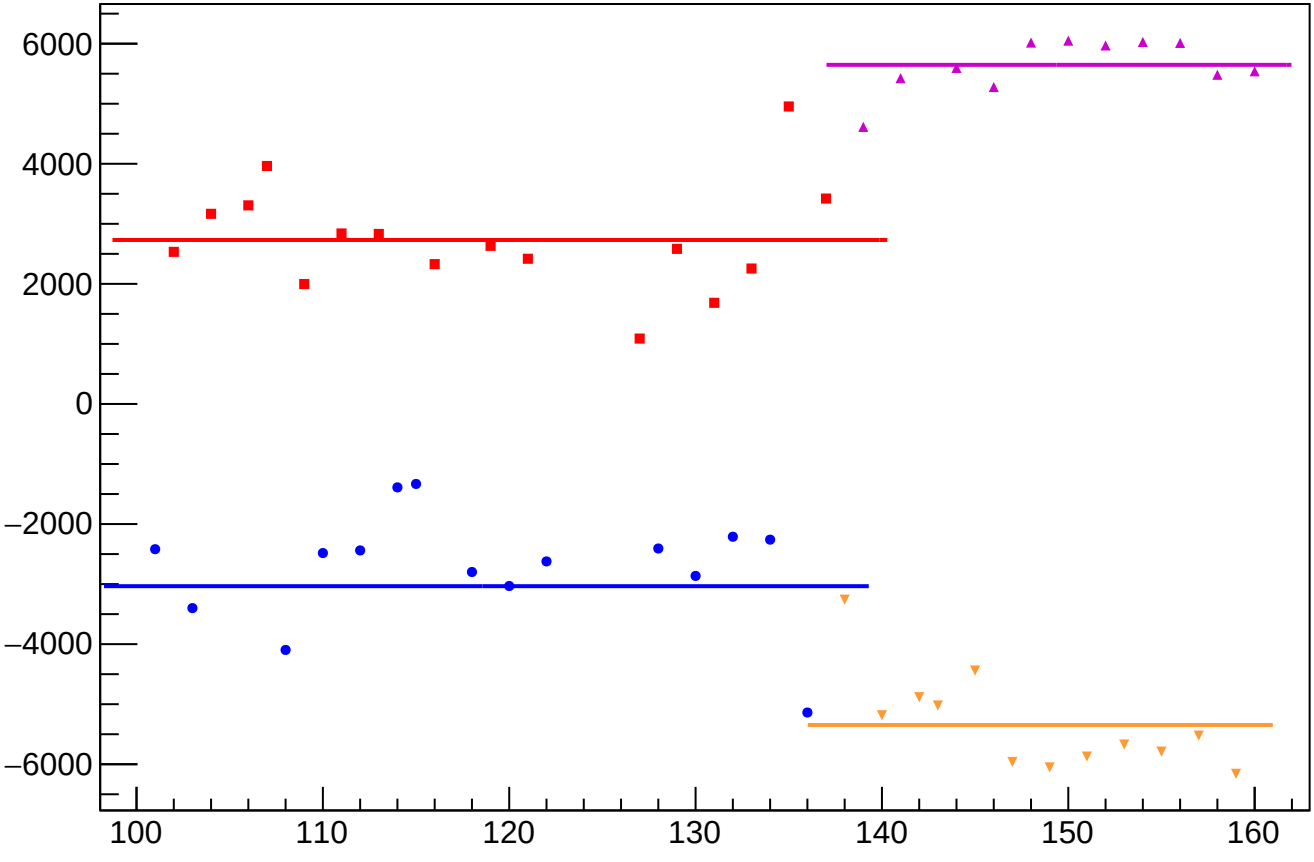
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

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

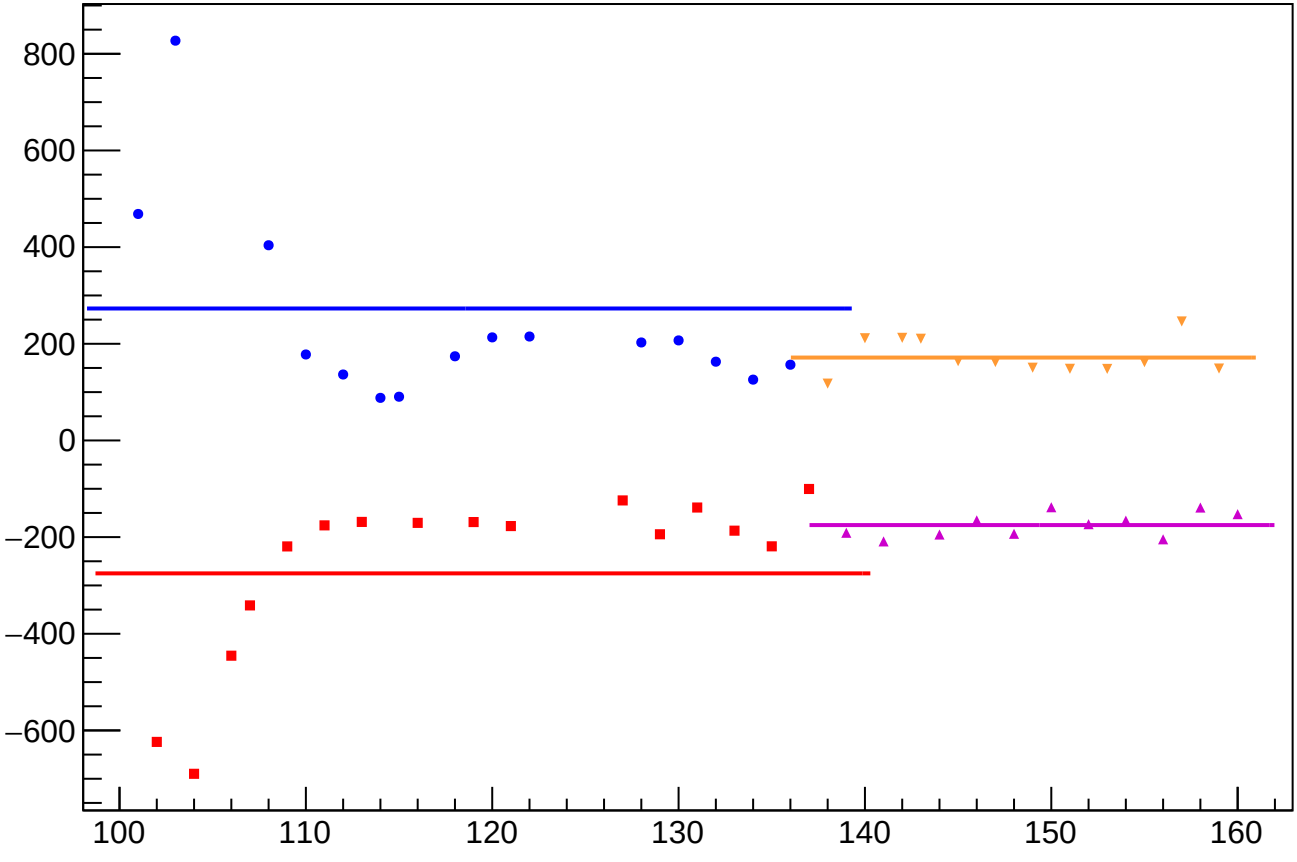
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

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

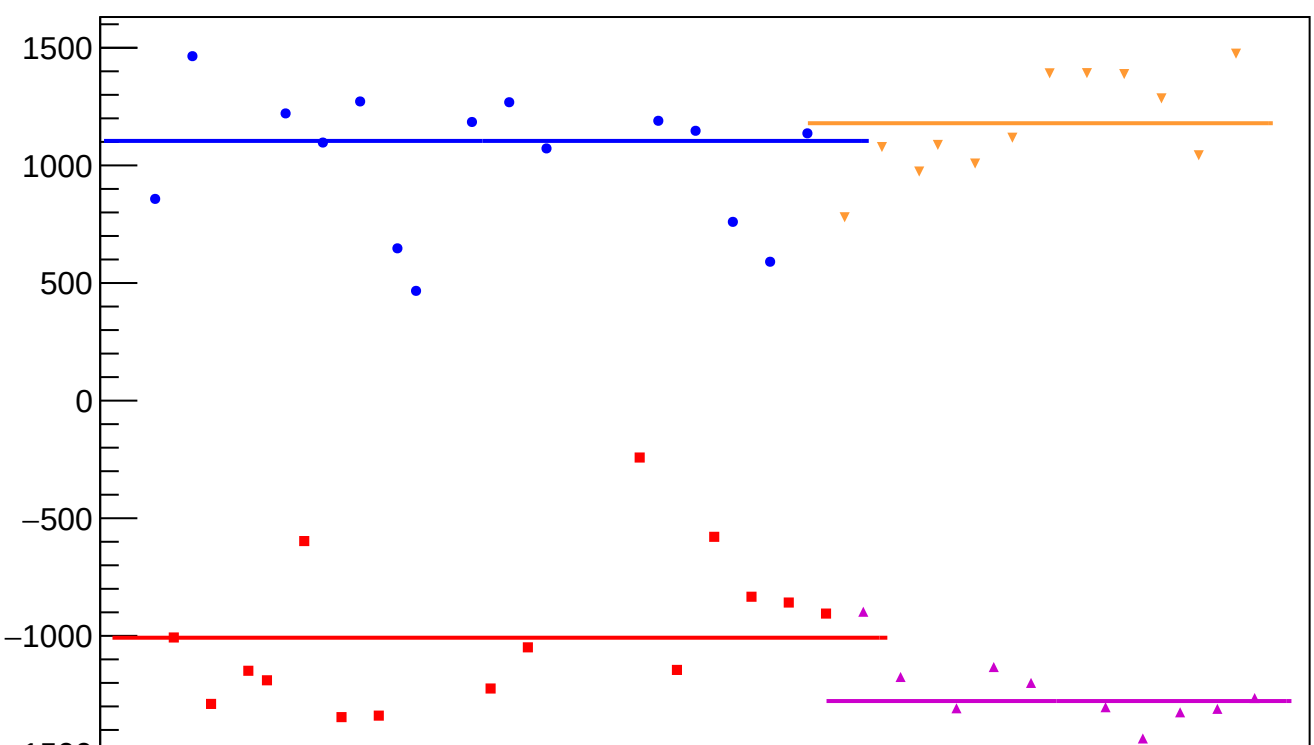
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

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

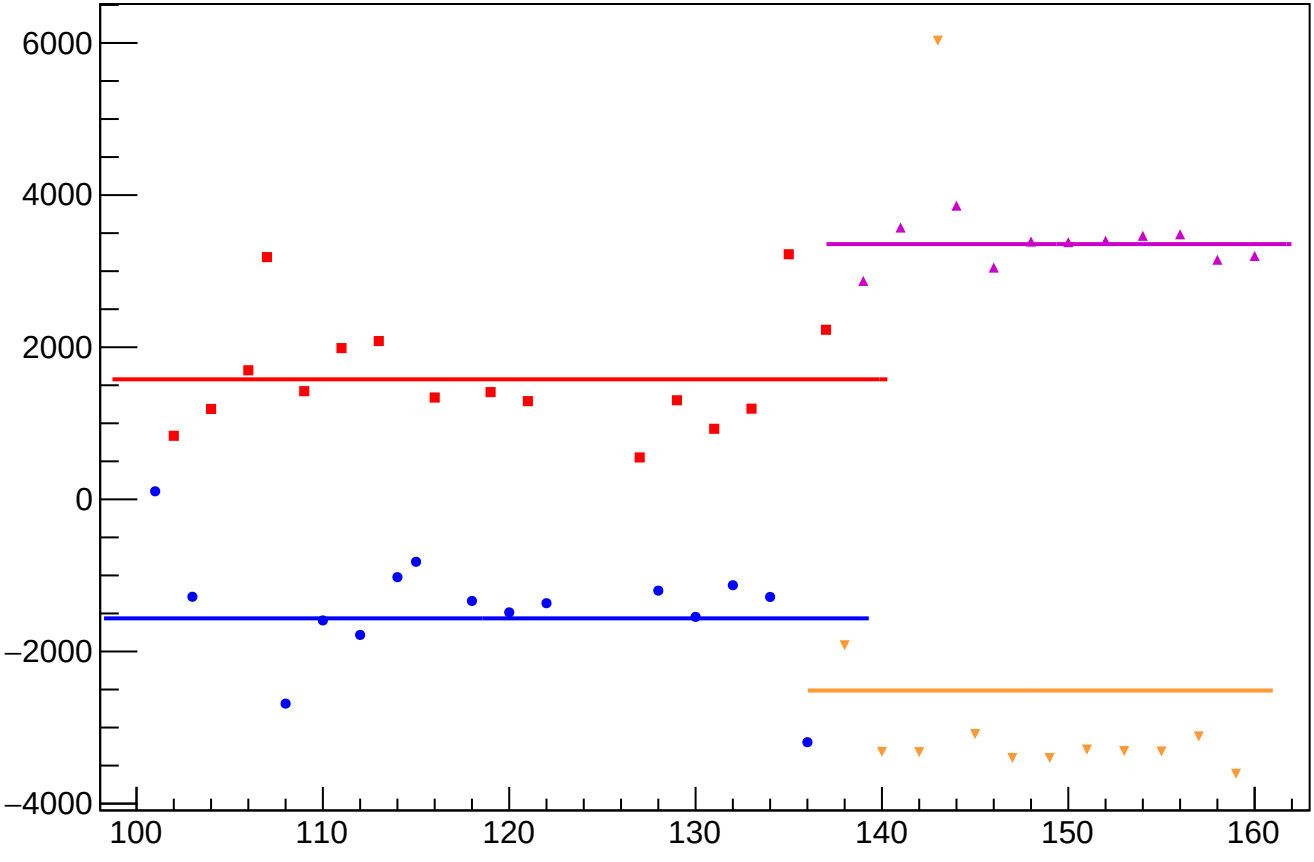
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

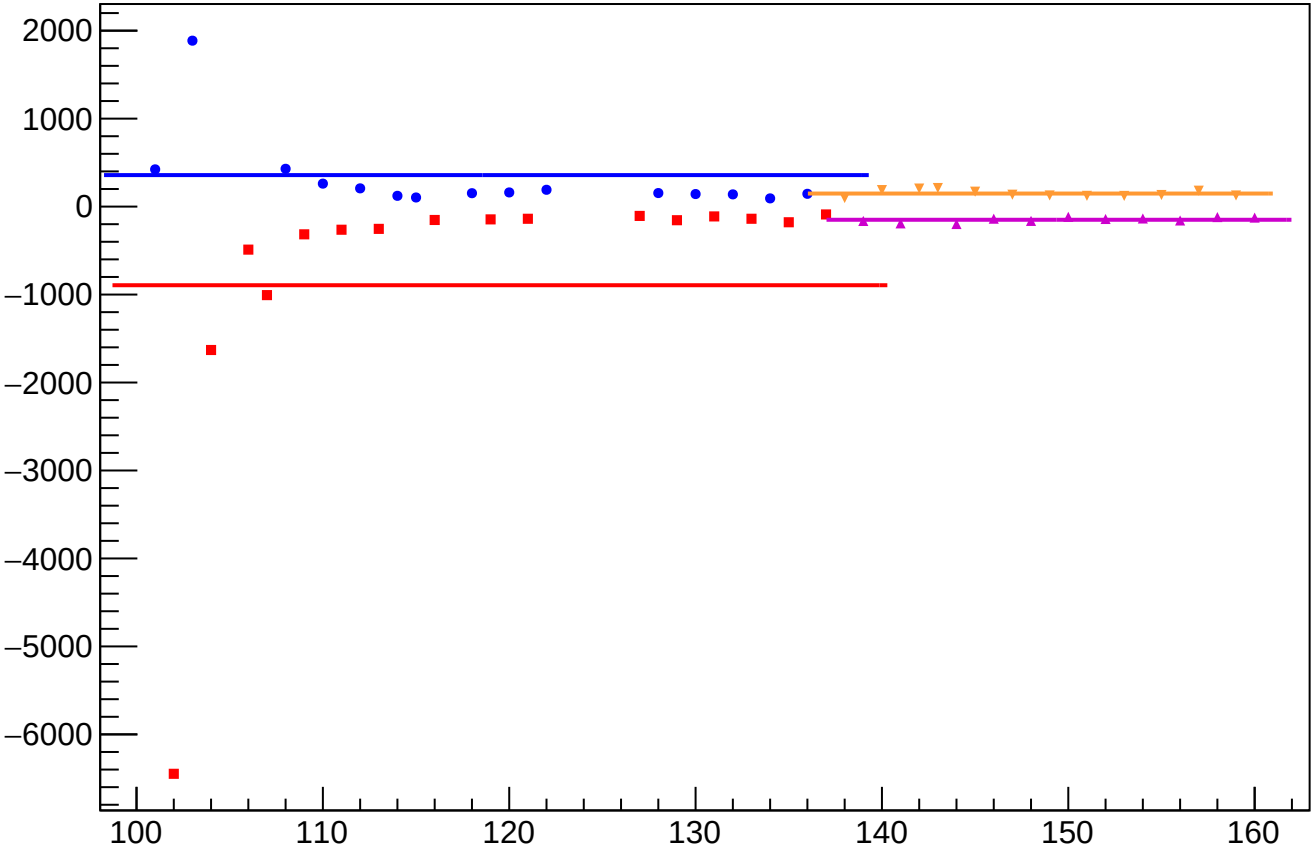
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



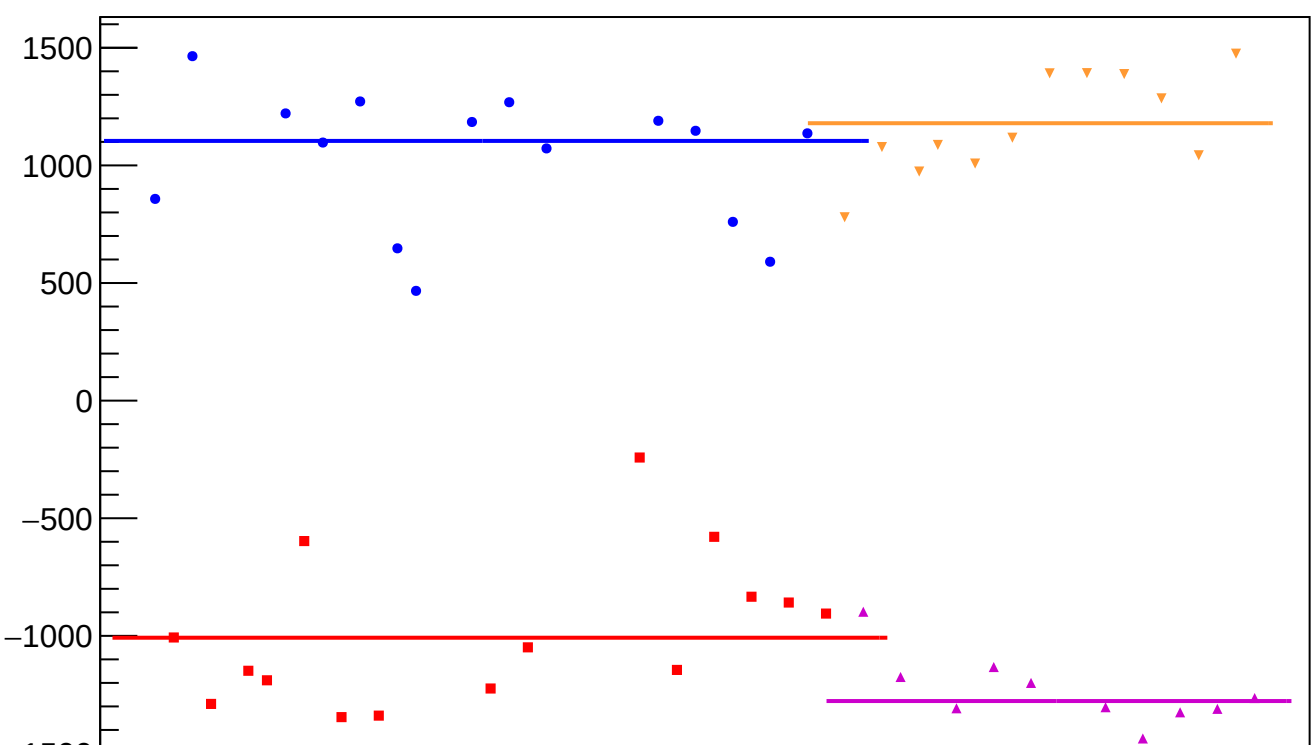
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 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

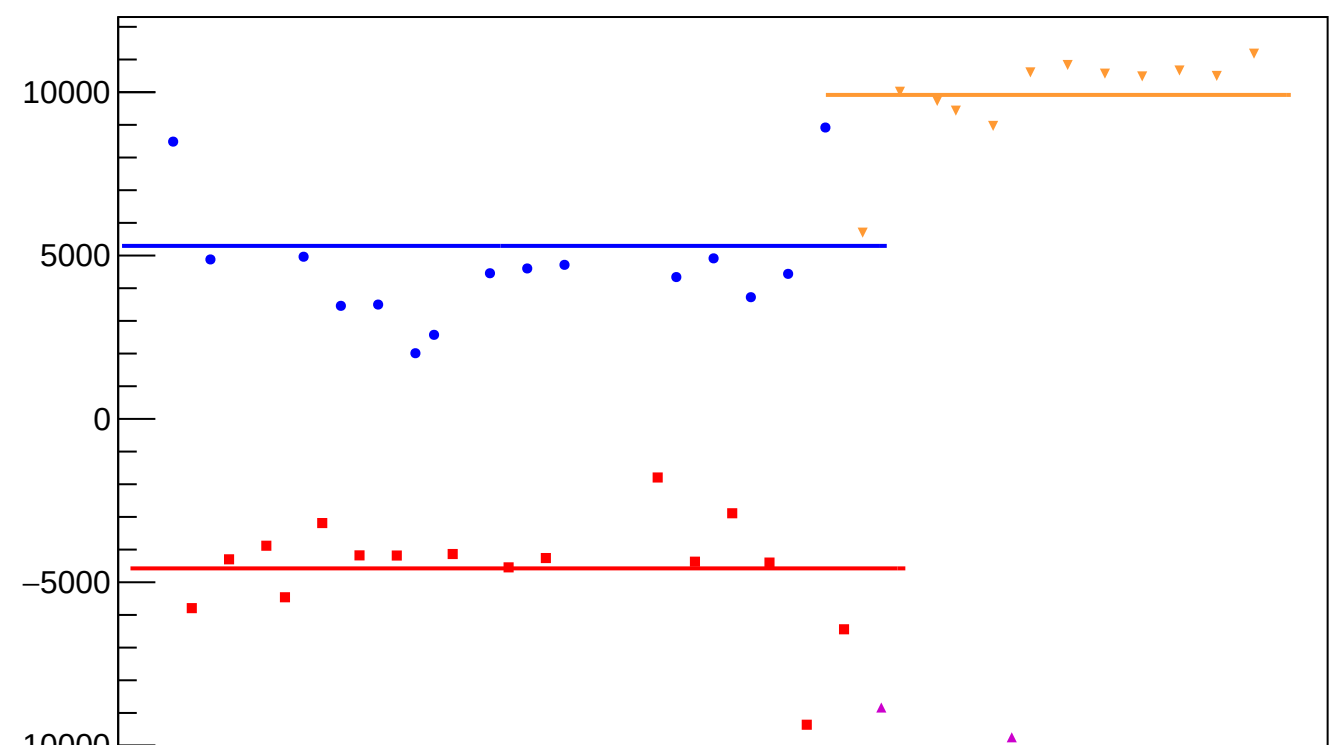
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

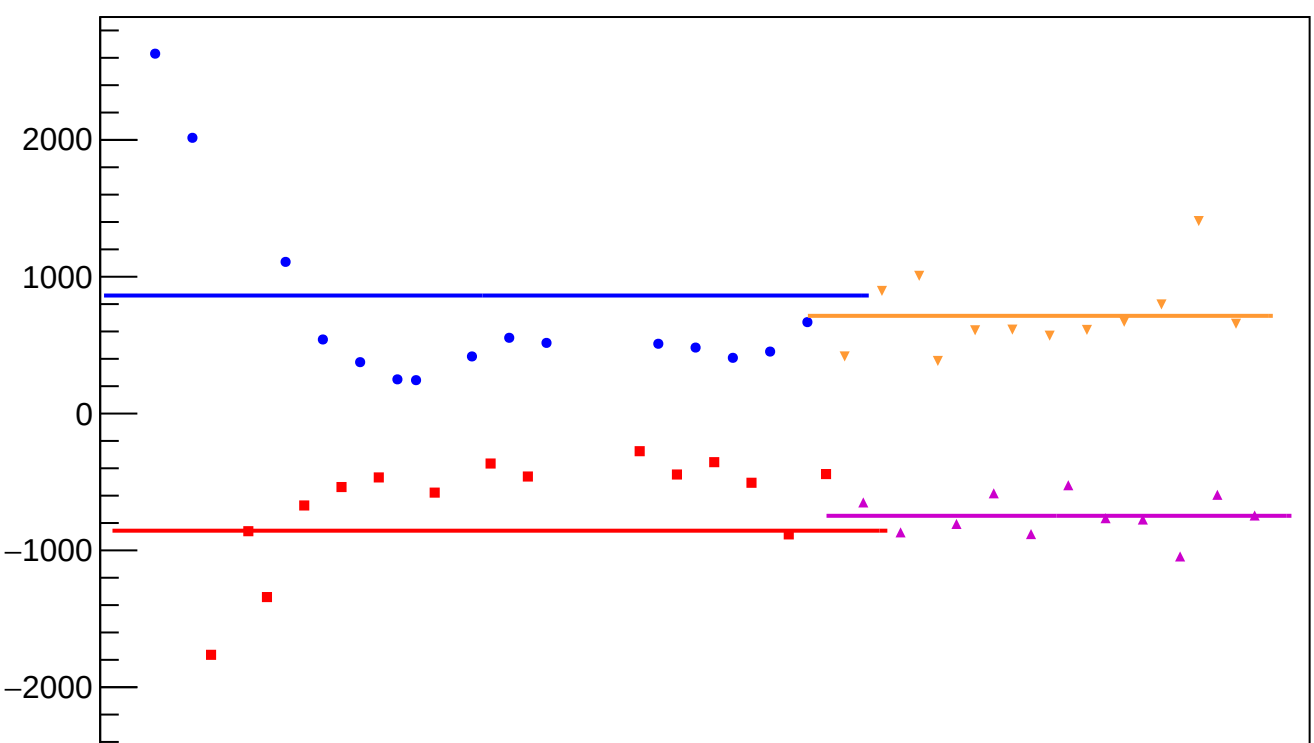
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

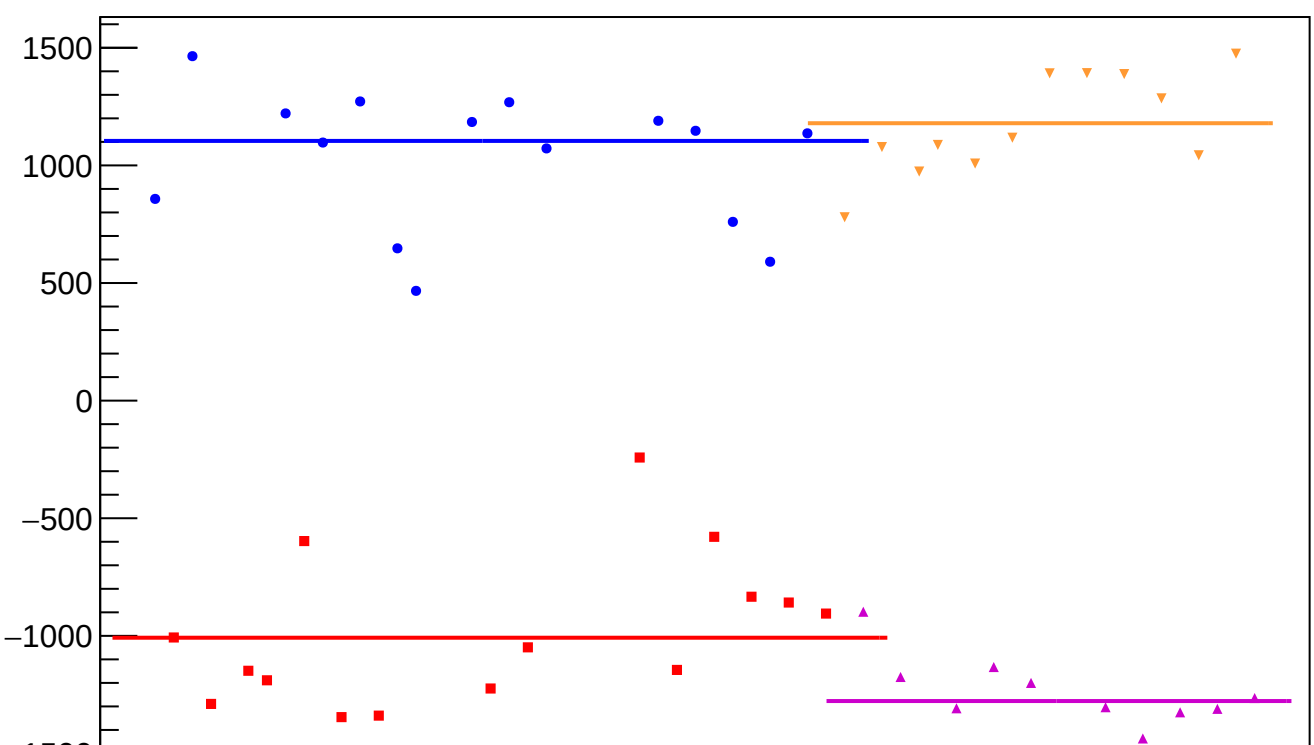
All: -107.886+/-0.000 χ^2/NDF: 23238819396

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

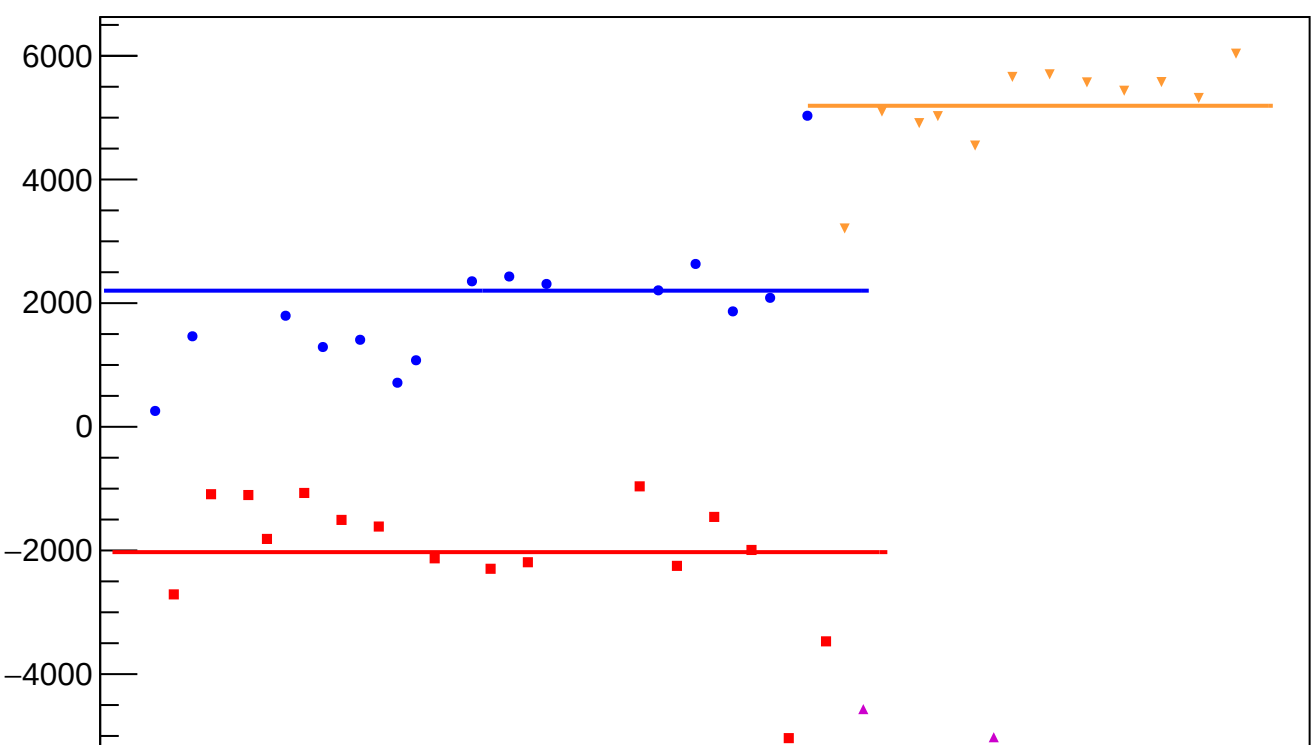
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

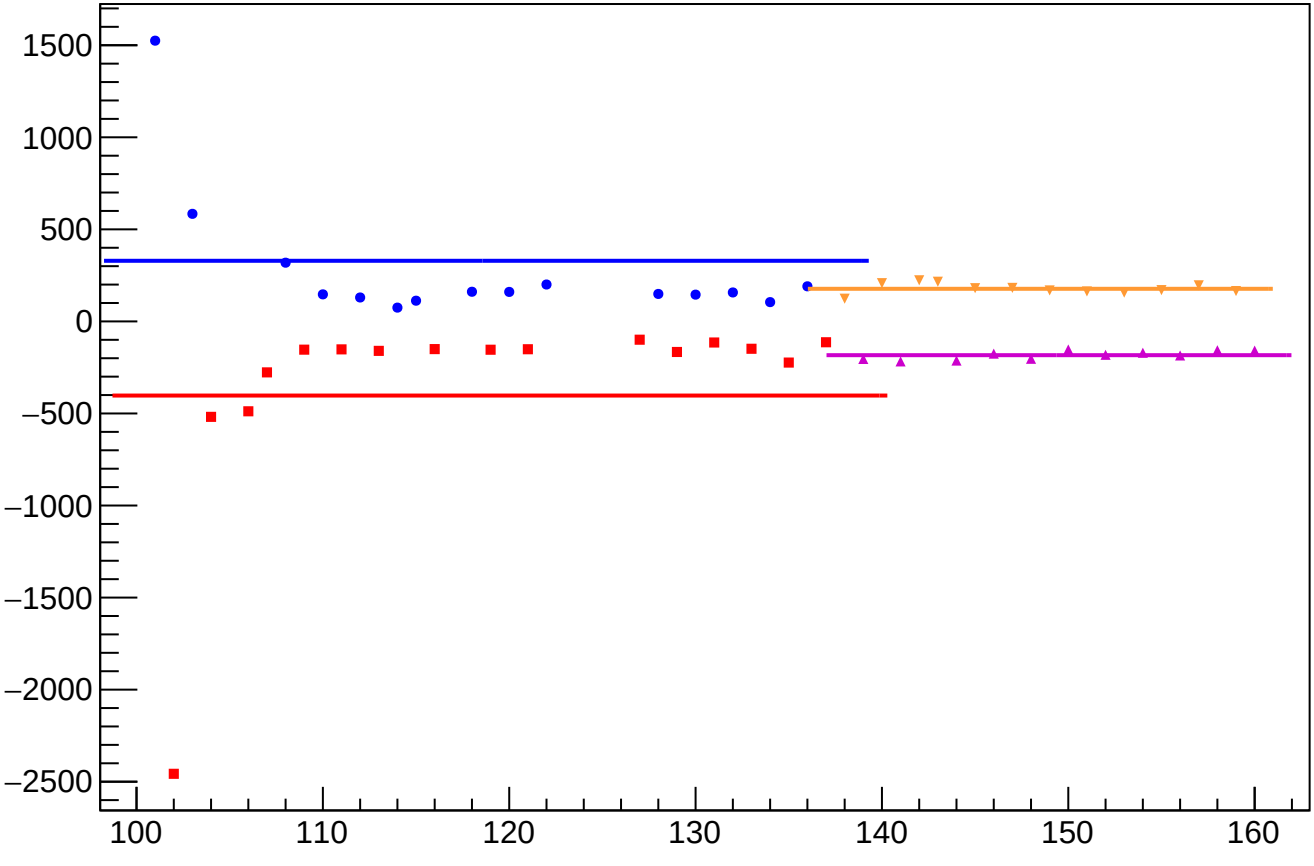
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

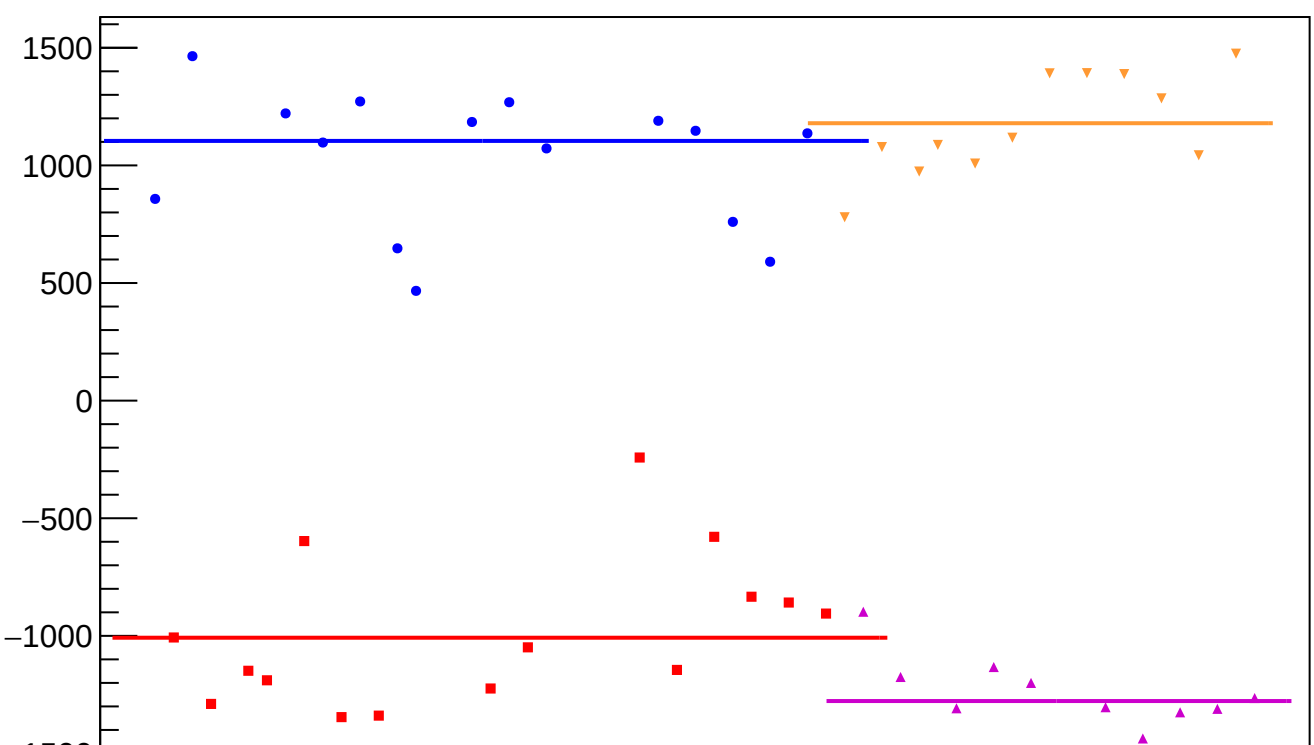
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

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

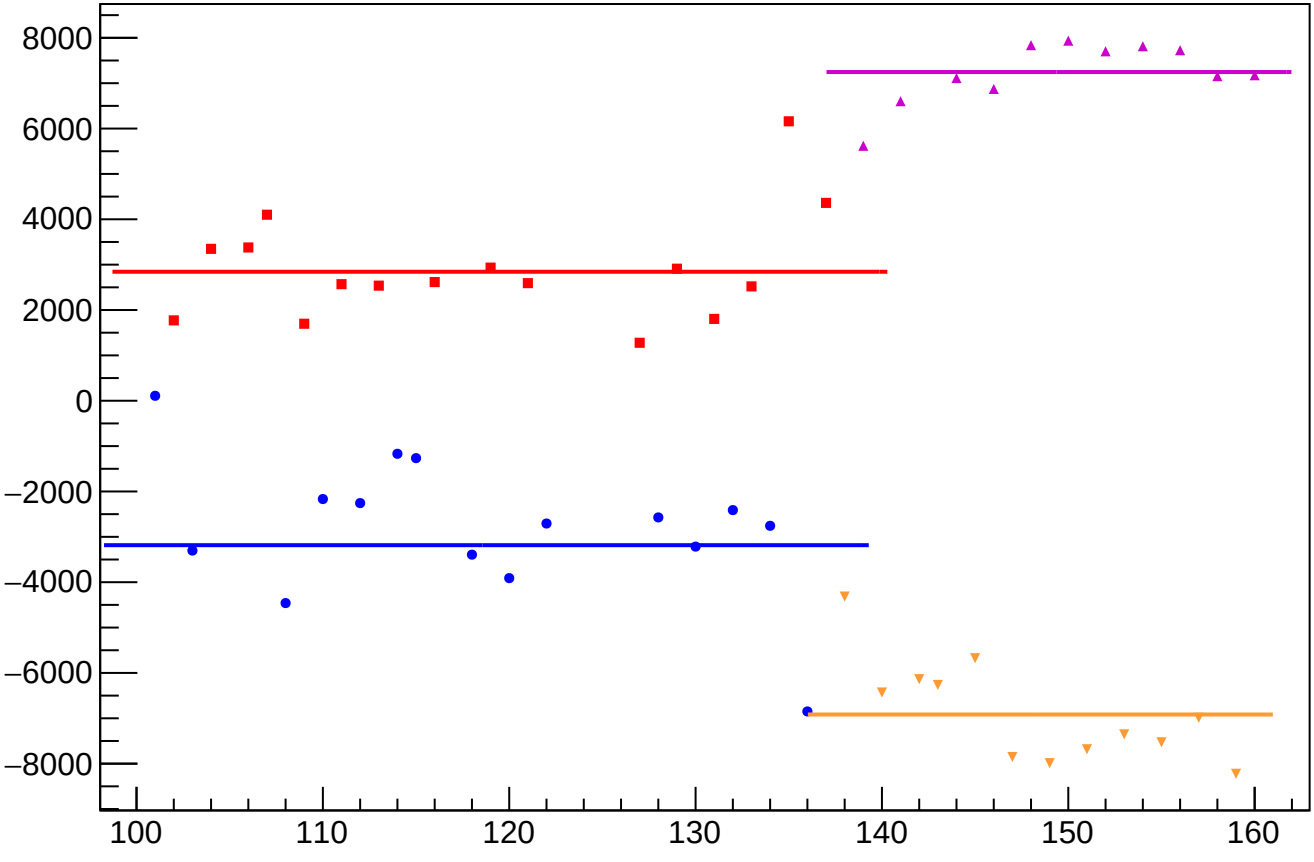
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

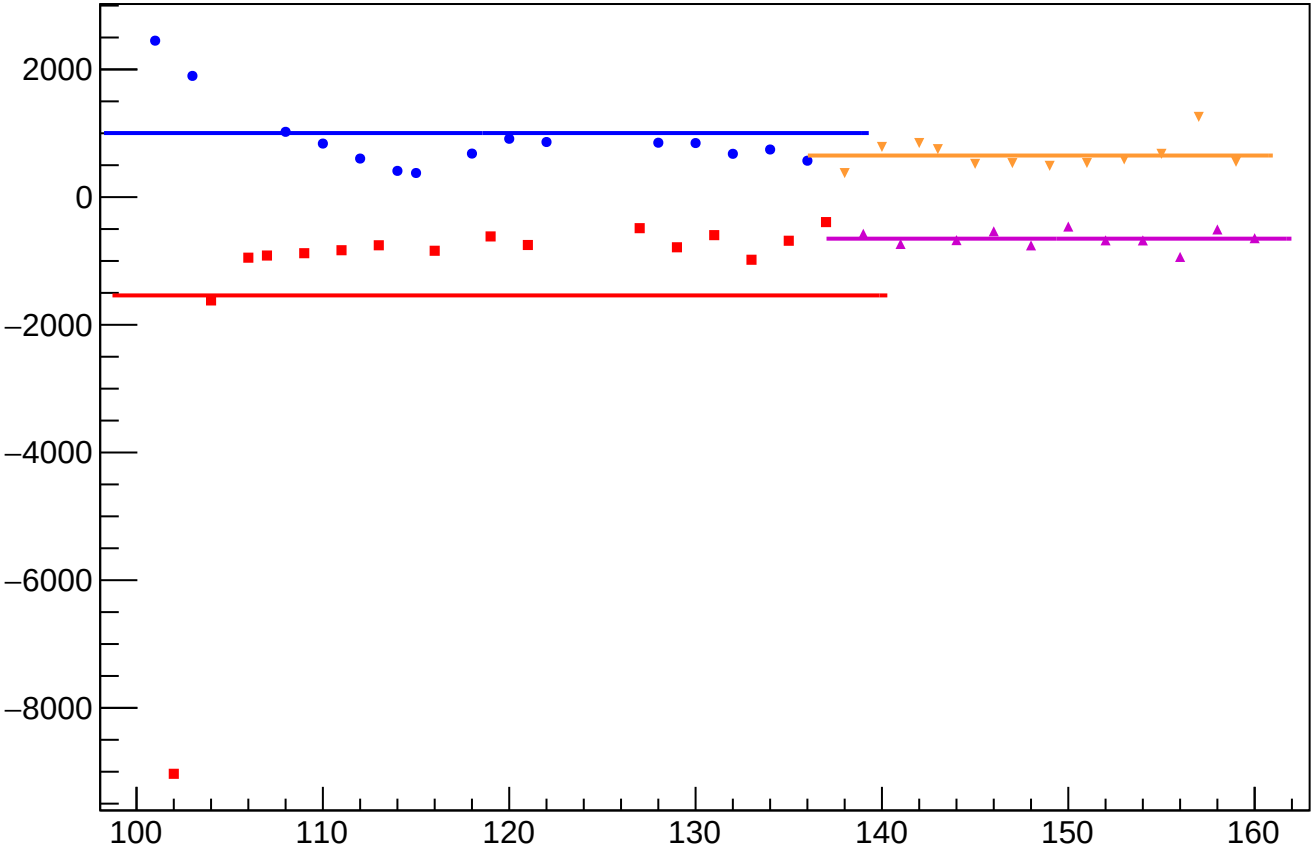
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

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

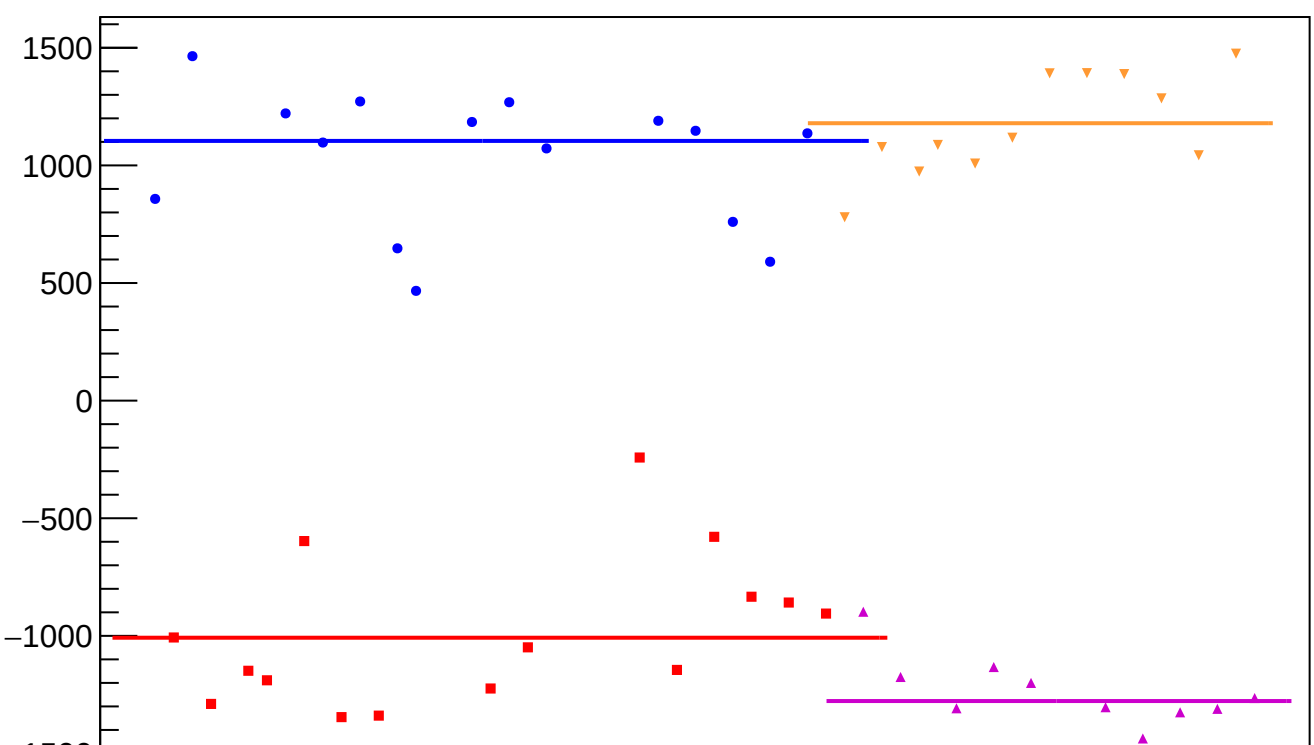
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

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

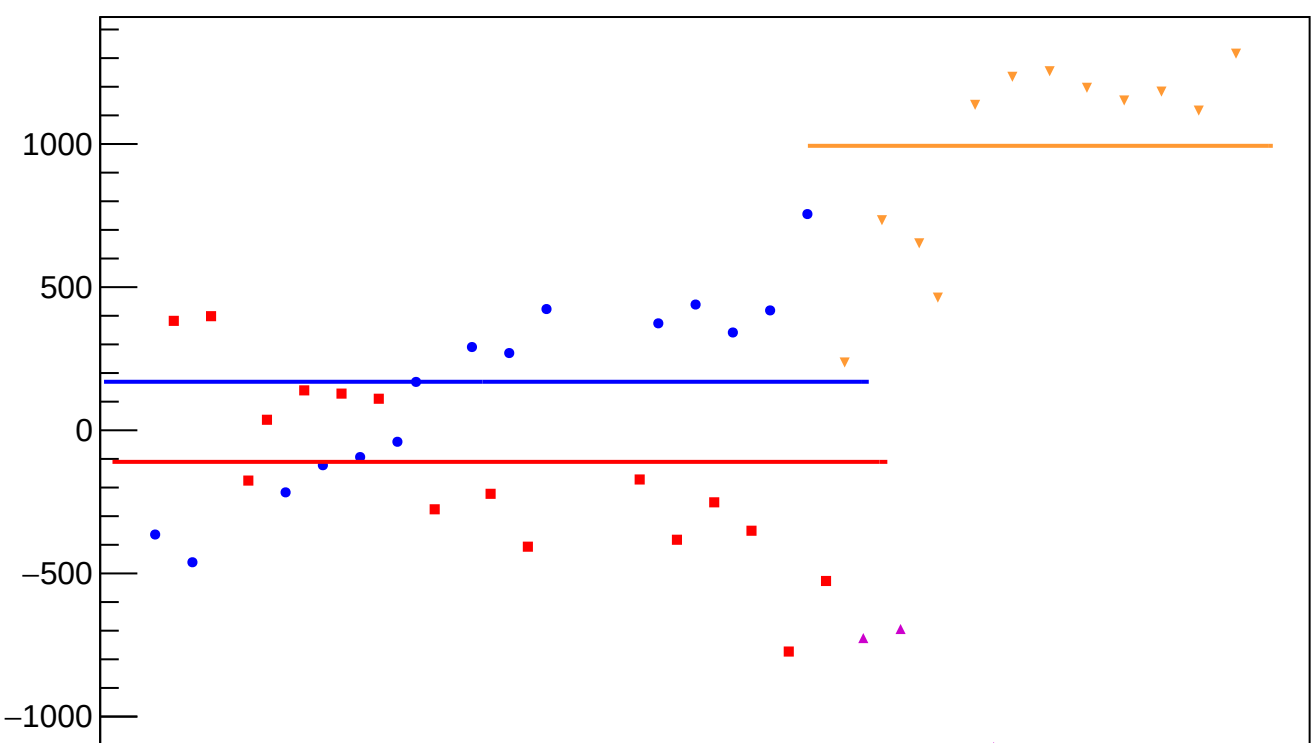
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

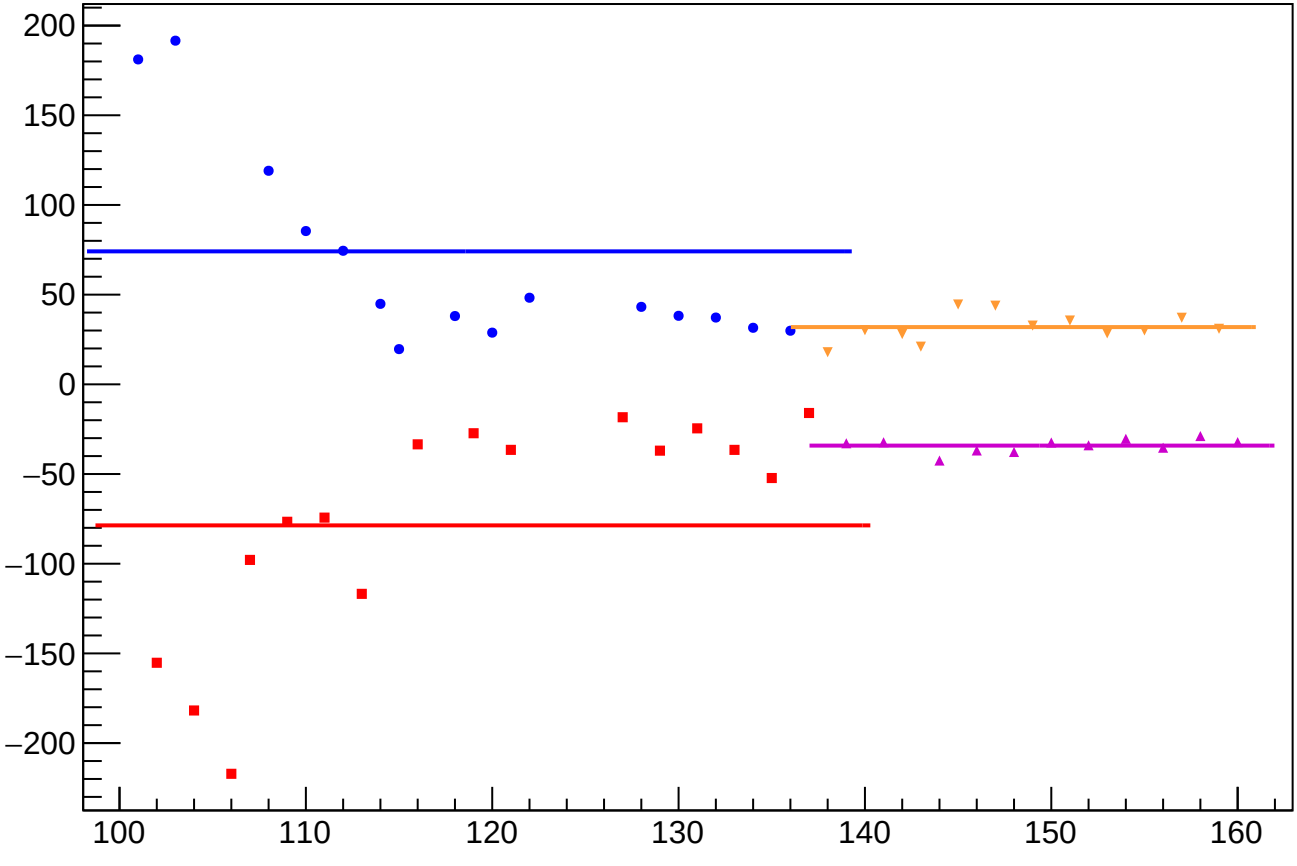
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

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

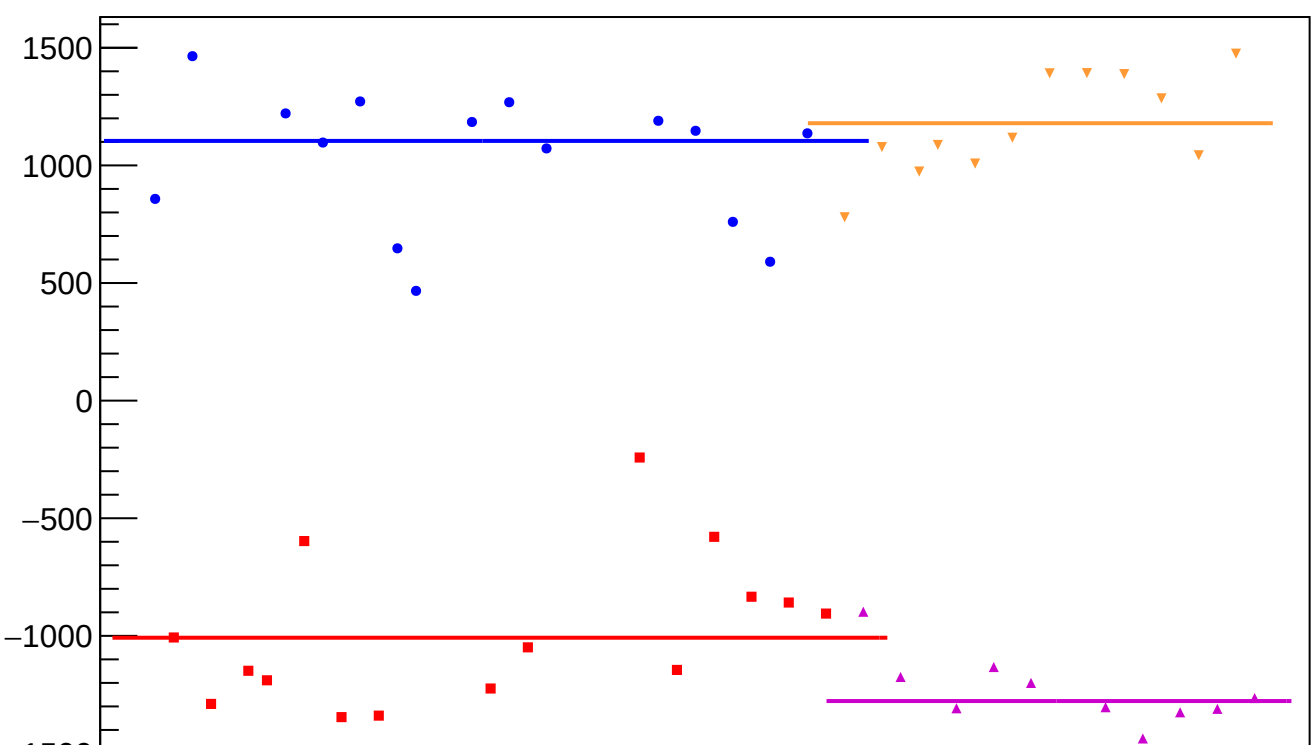
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

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

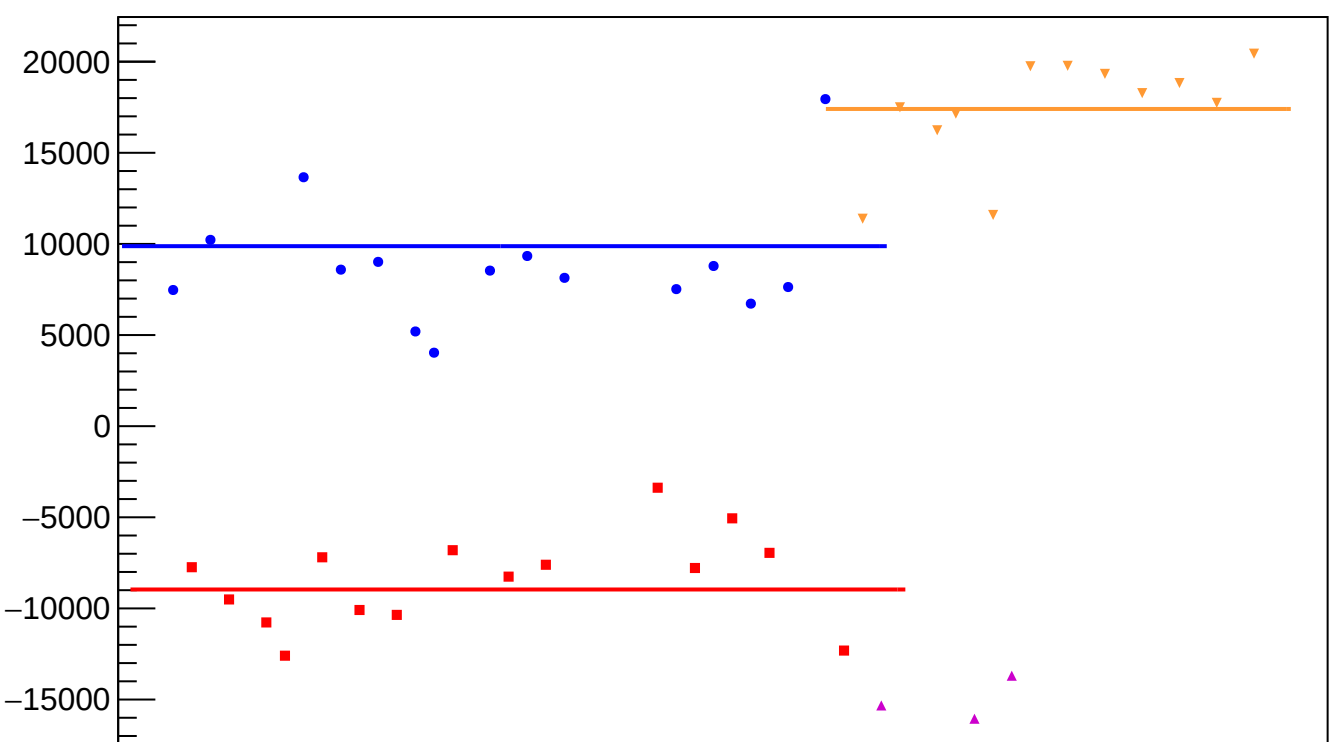
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

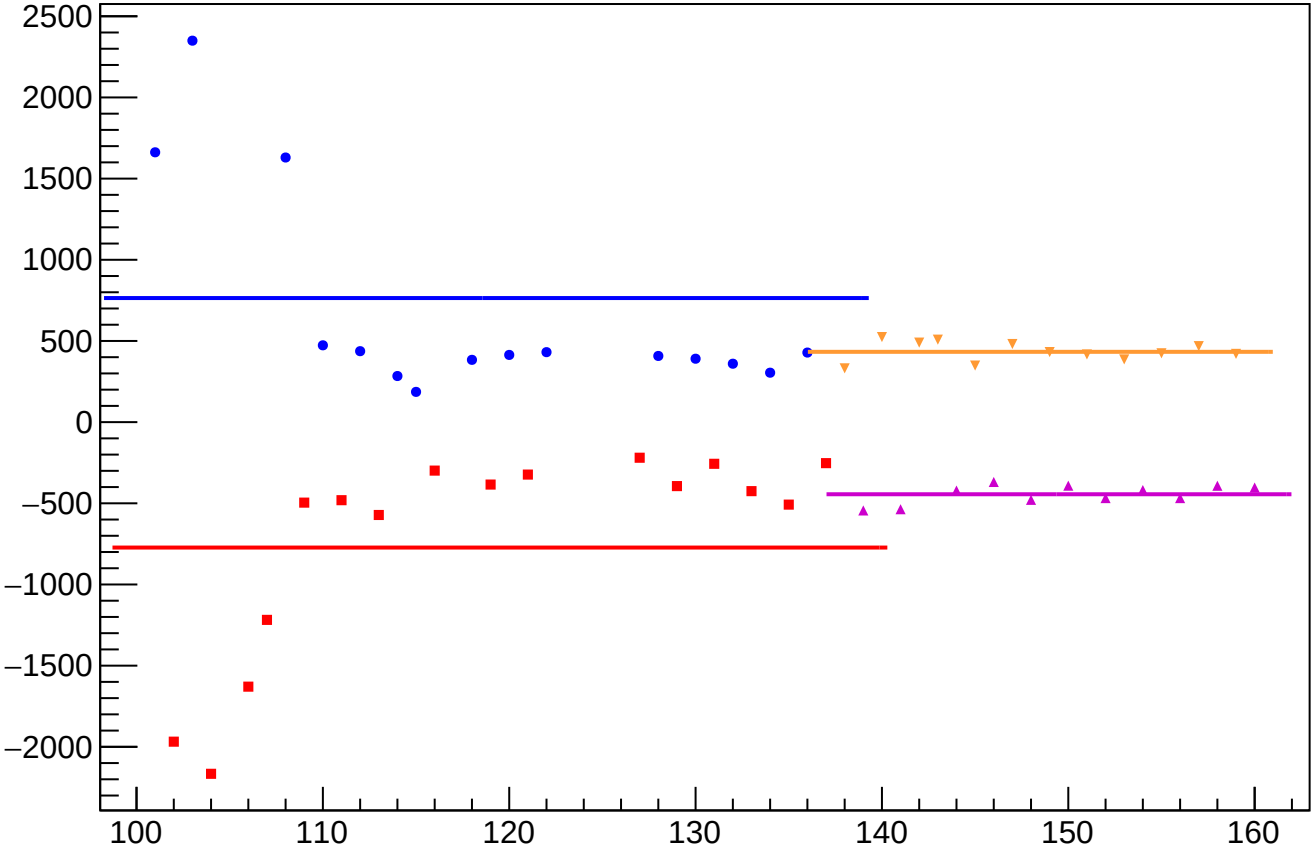
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

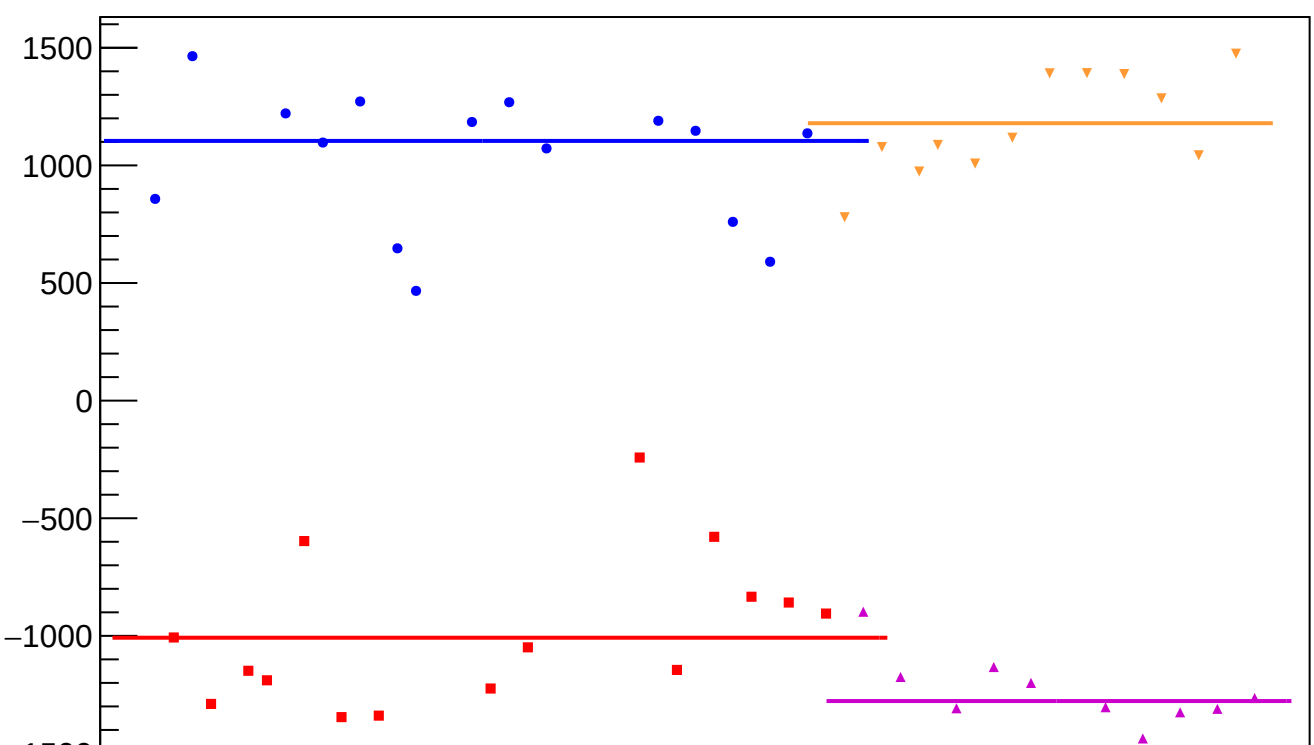
All: -81.381+/-0.000 χ^2/NDF: 719188962323

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

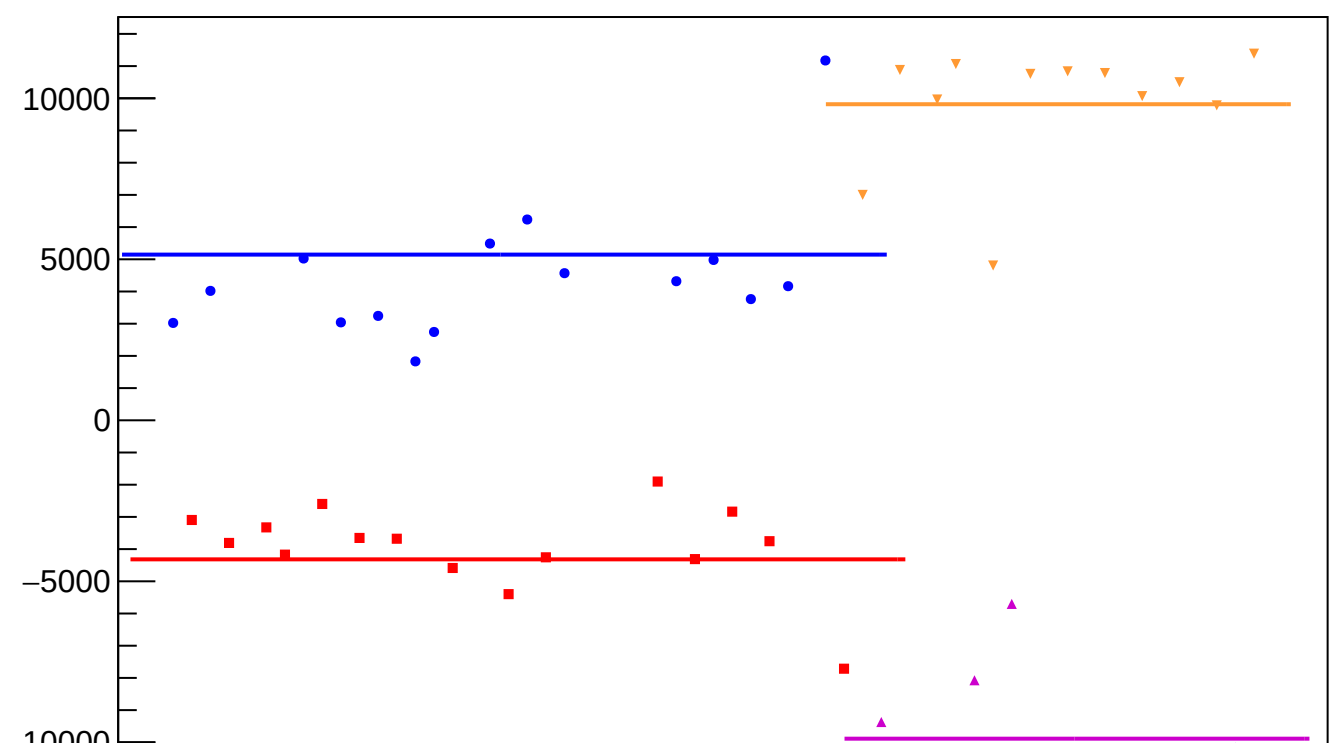
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

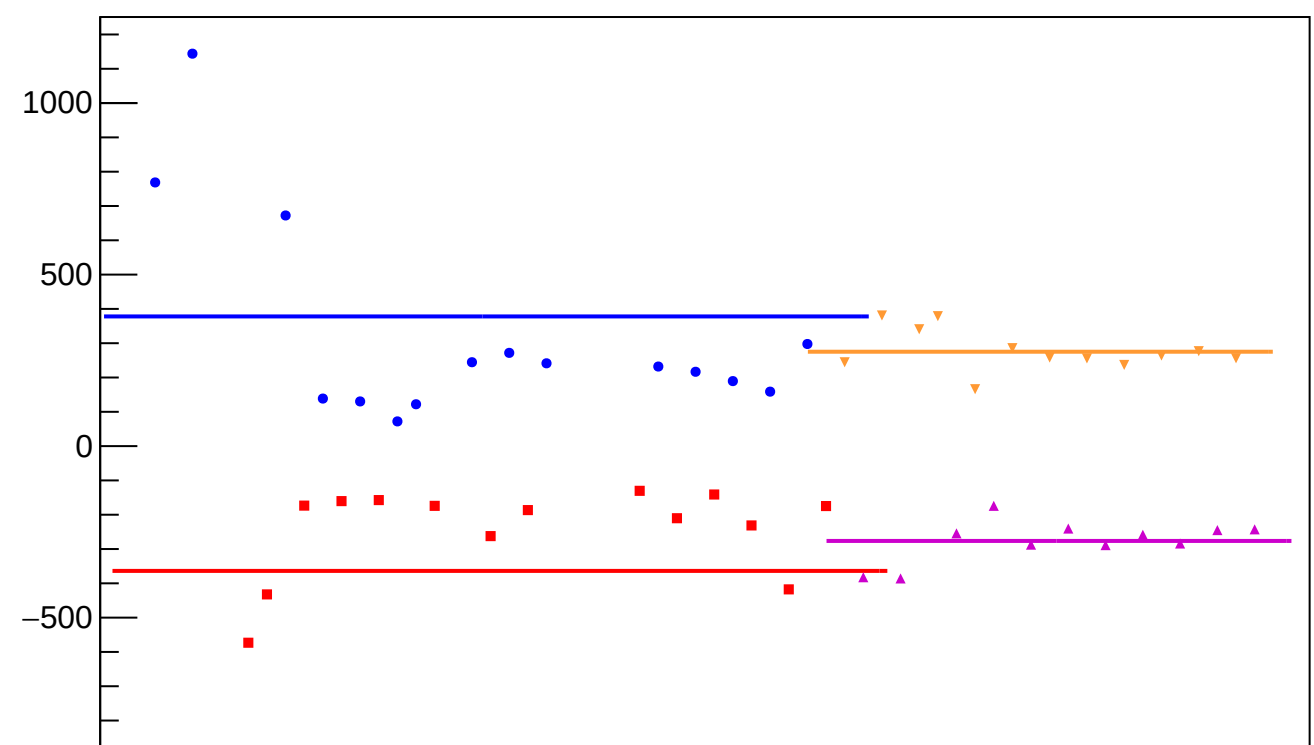
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

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

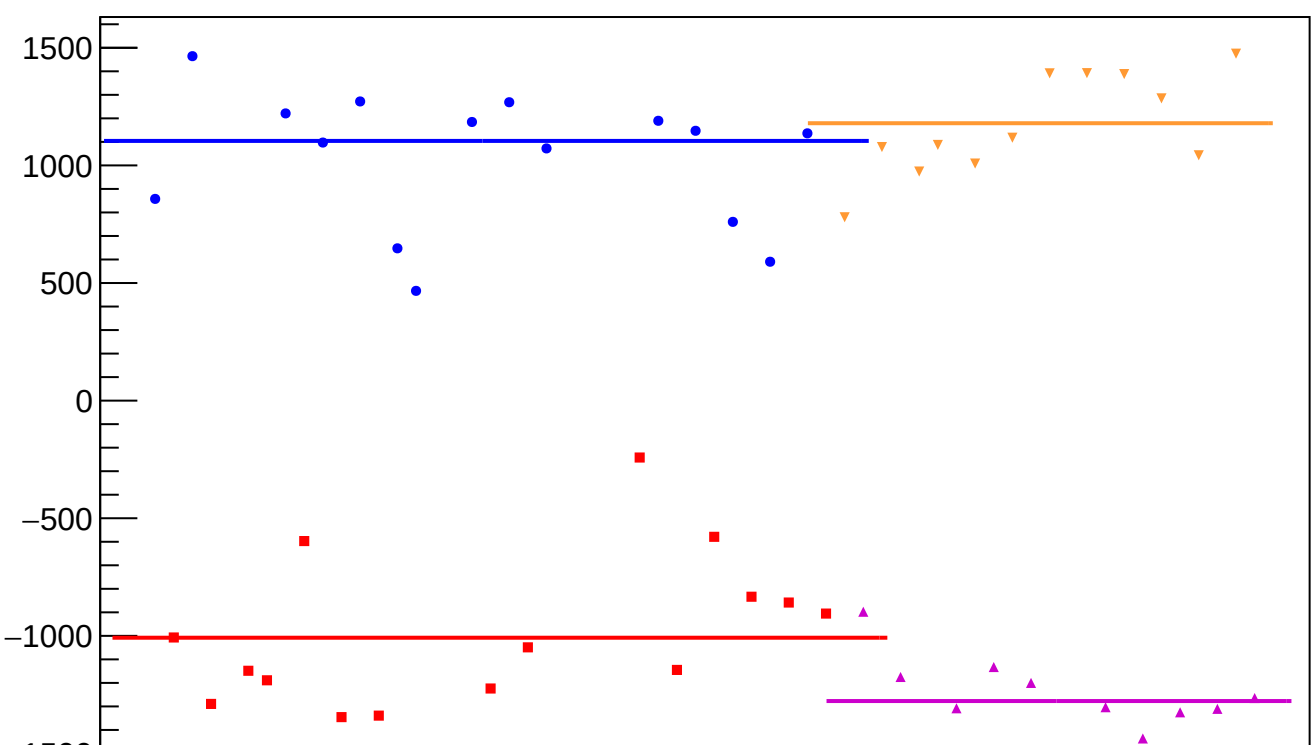
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

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

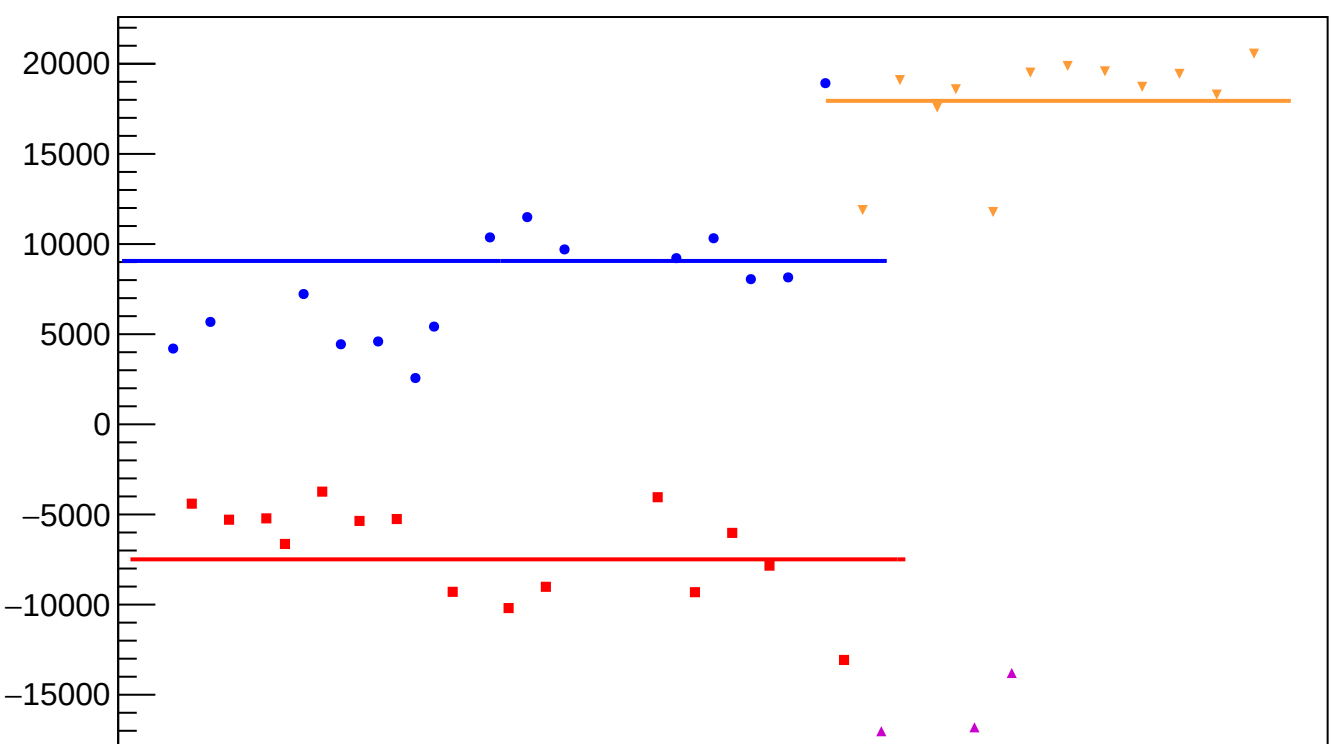
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

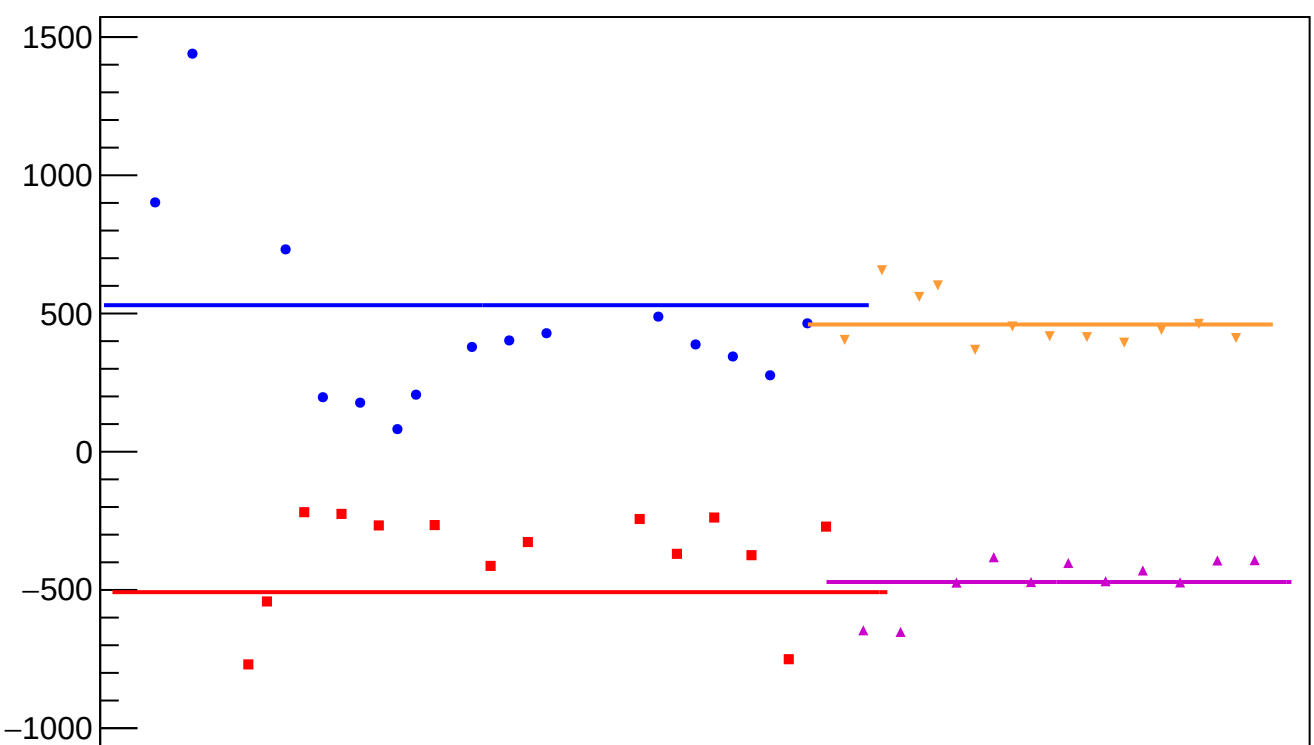
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

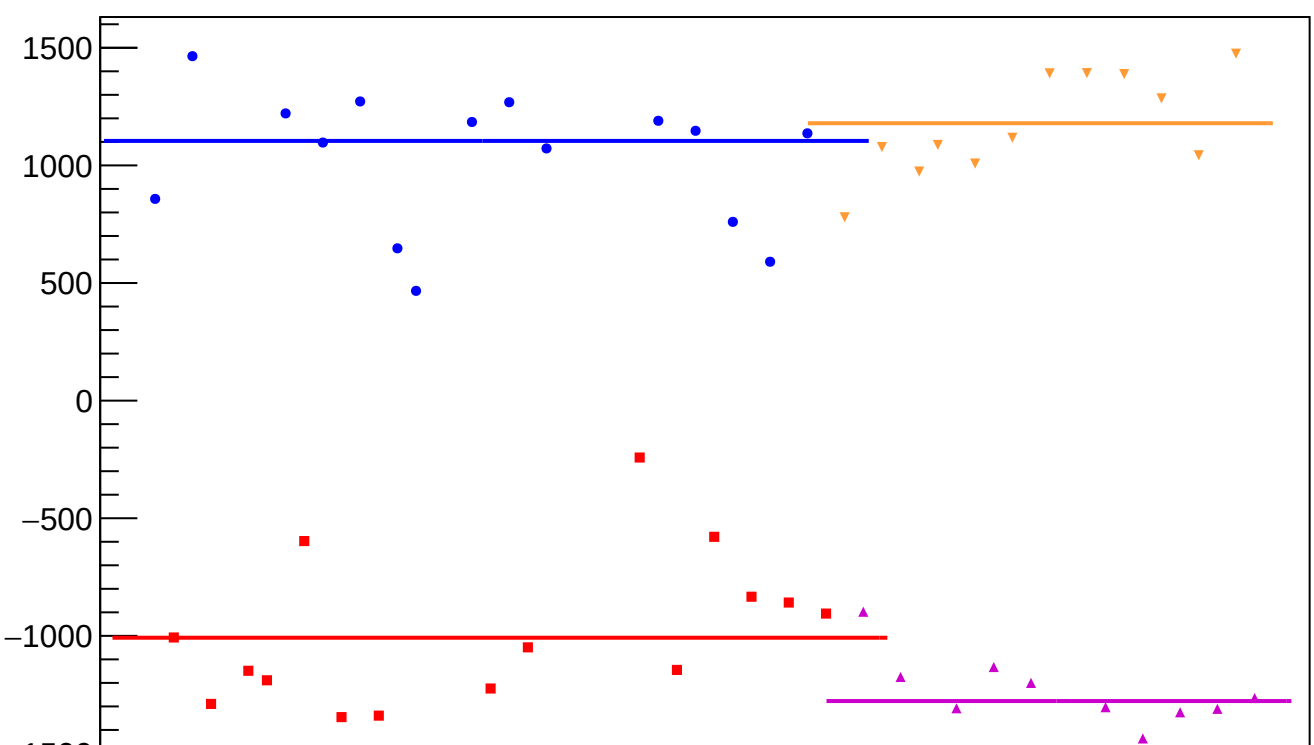
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

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

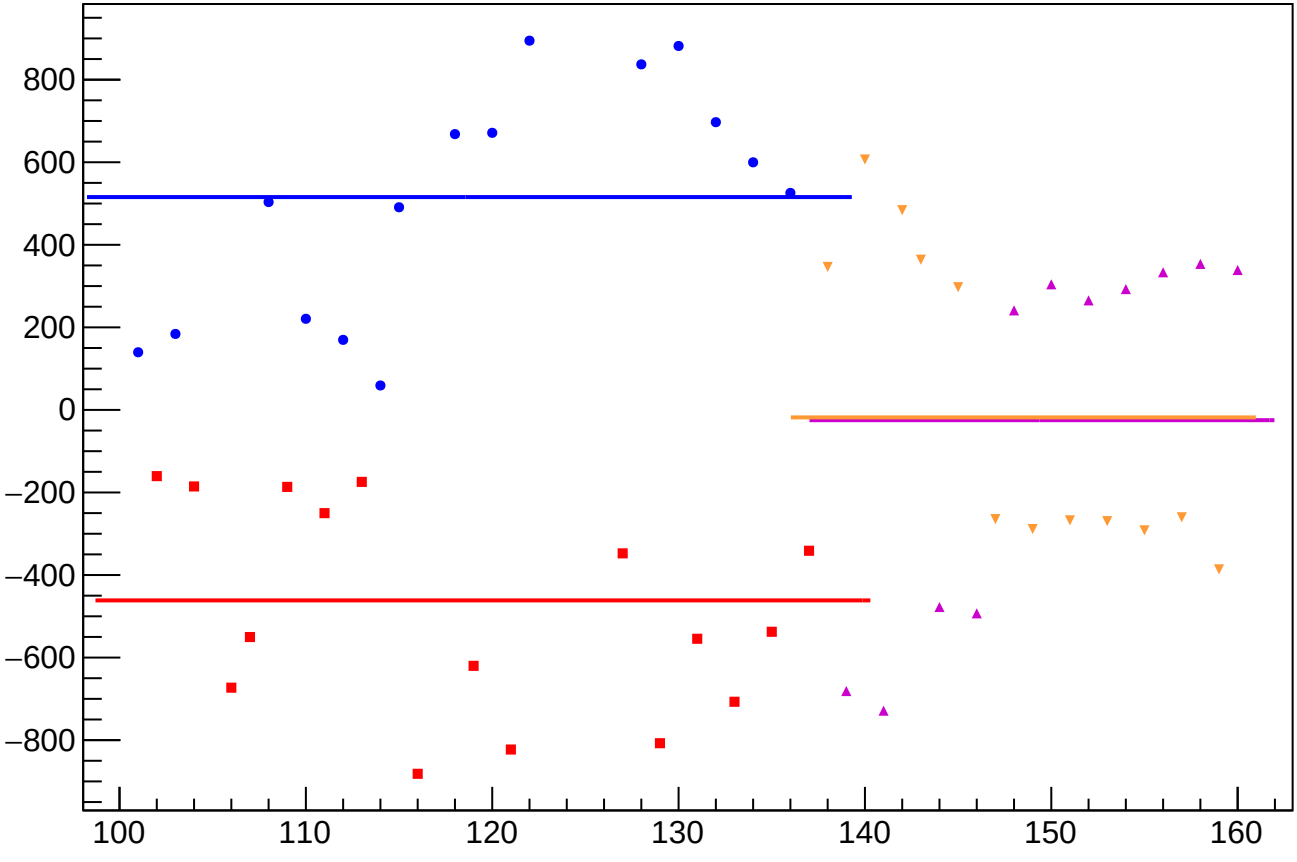
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

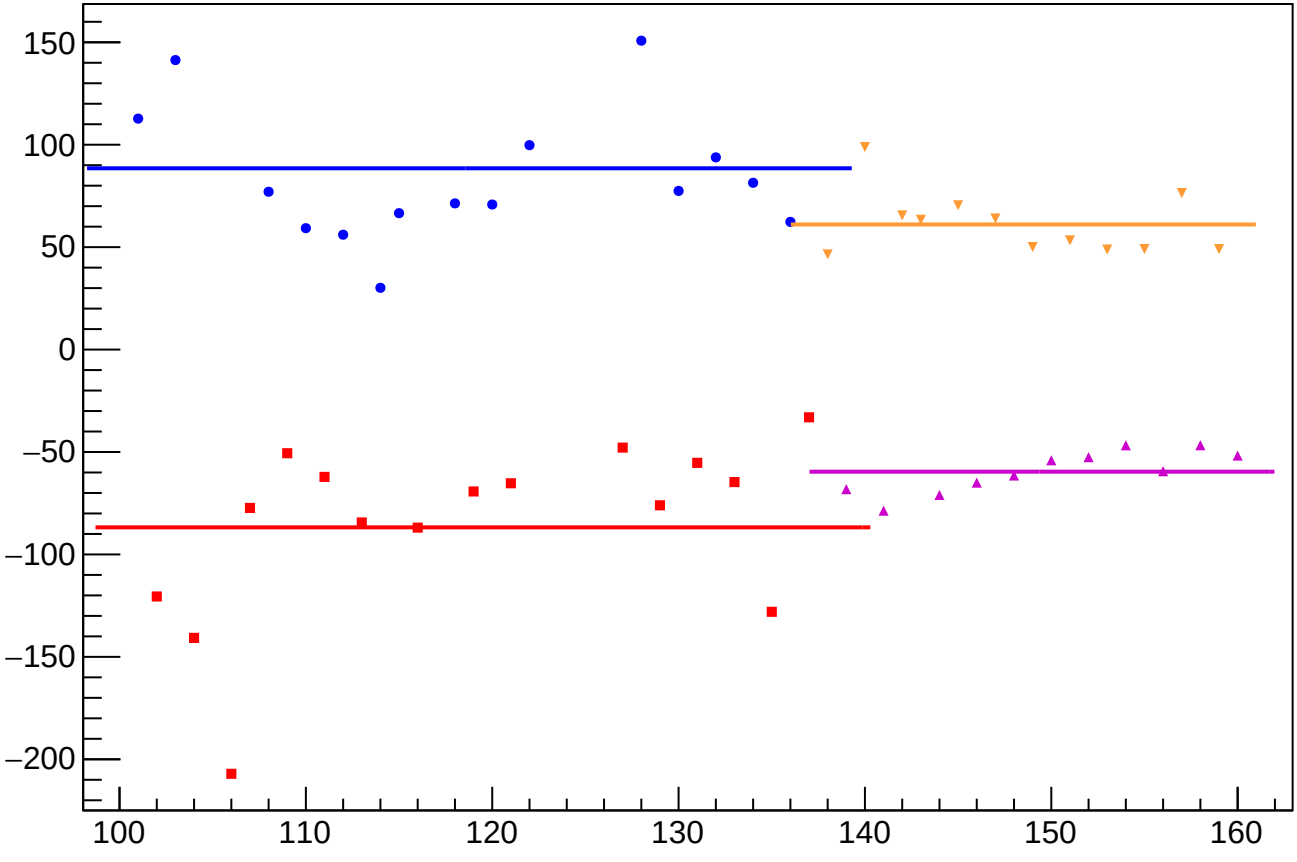
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

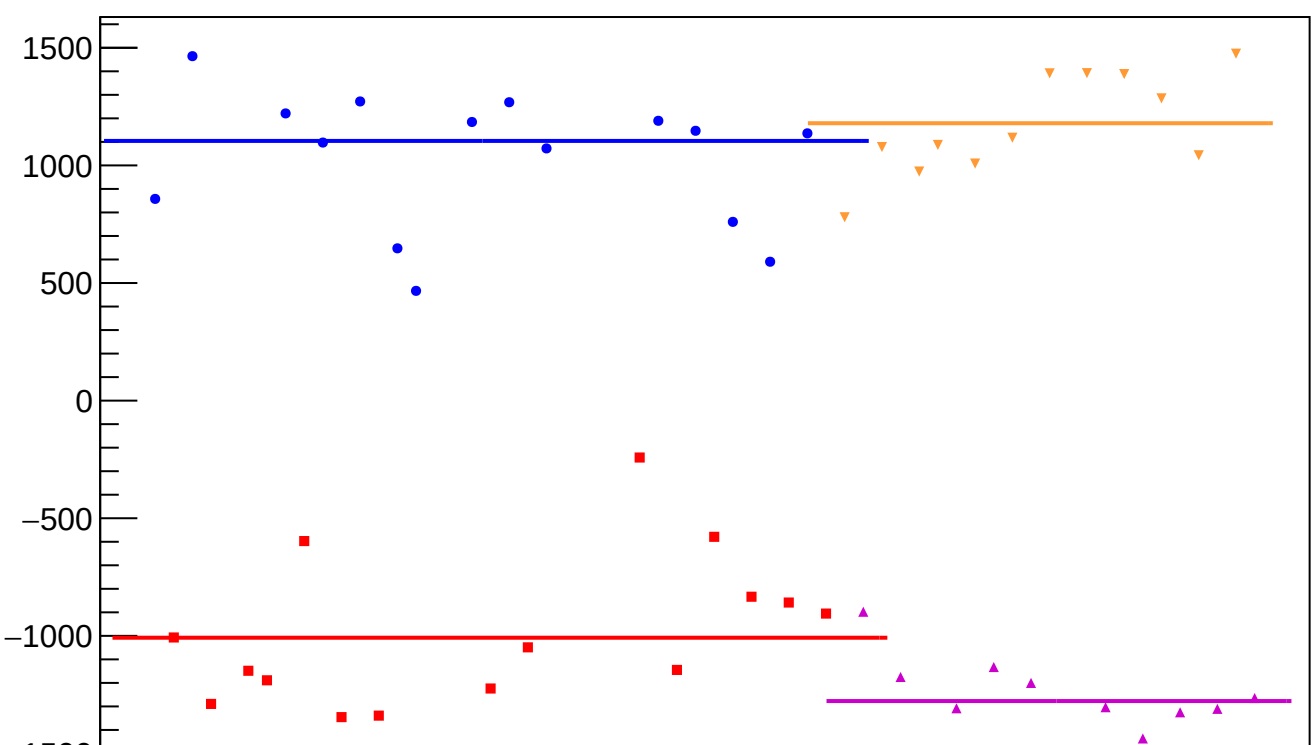
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

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

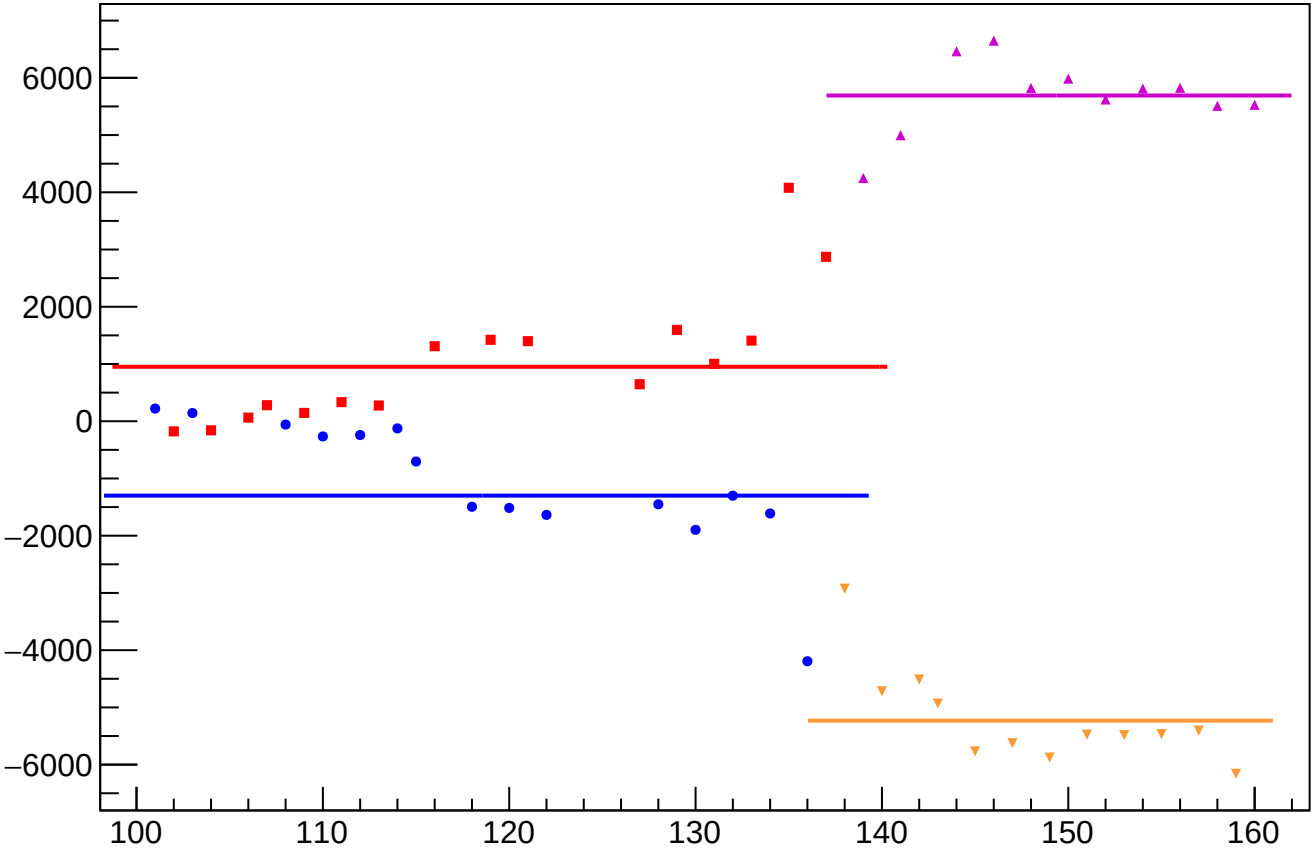
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

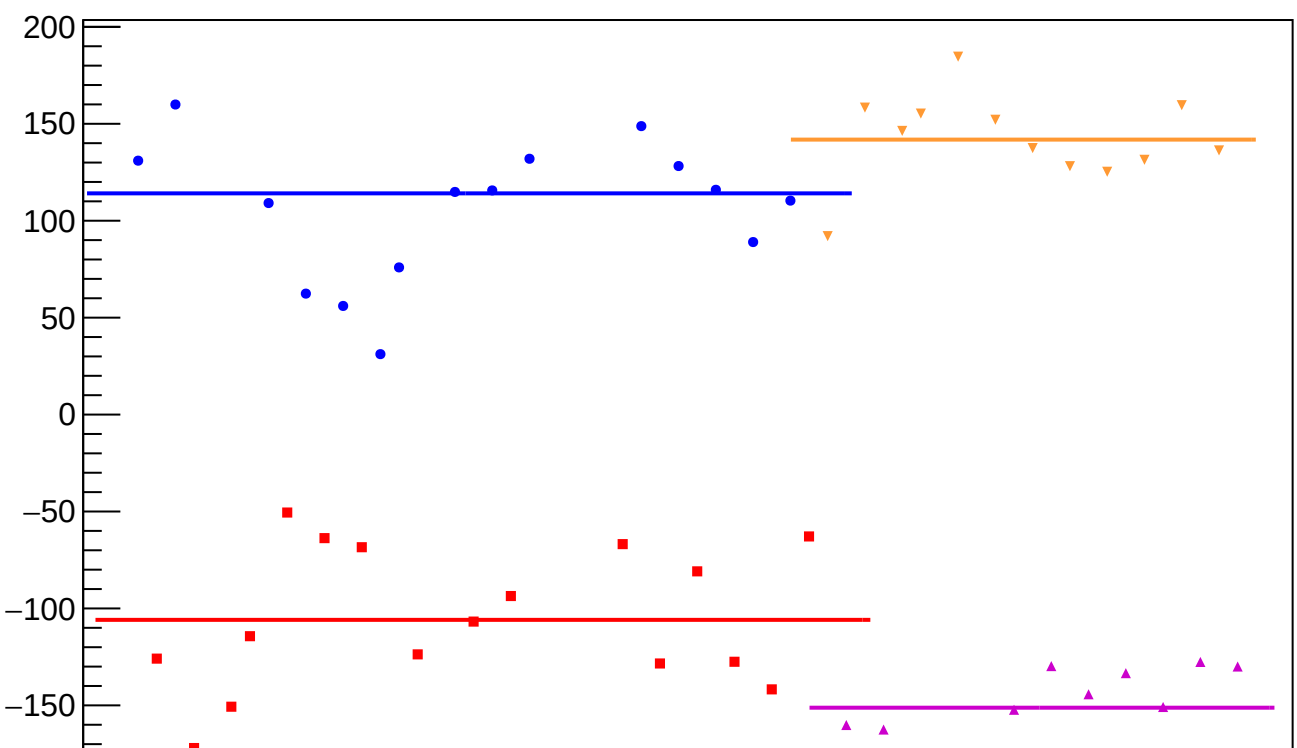
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

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

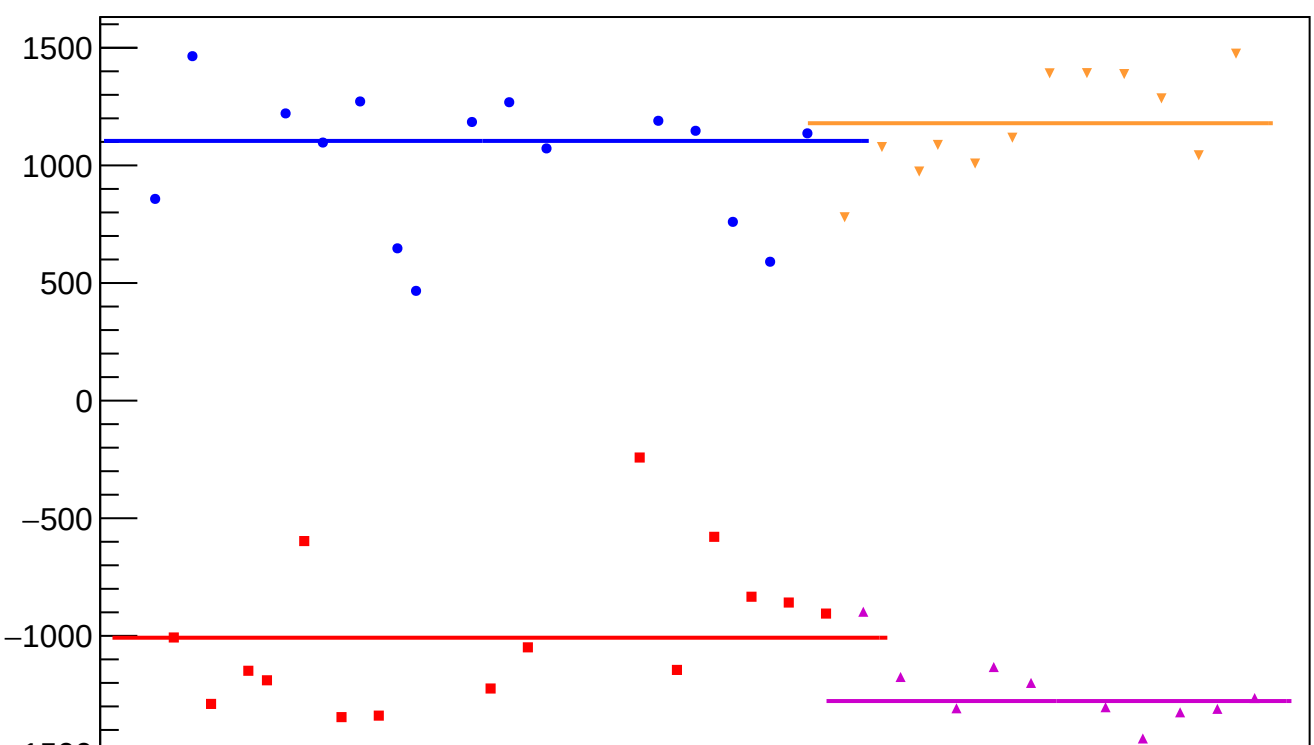
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

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

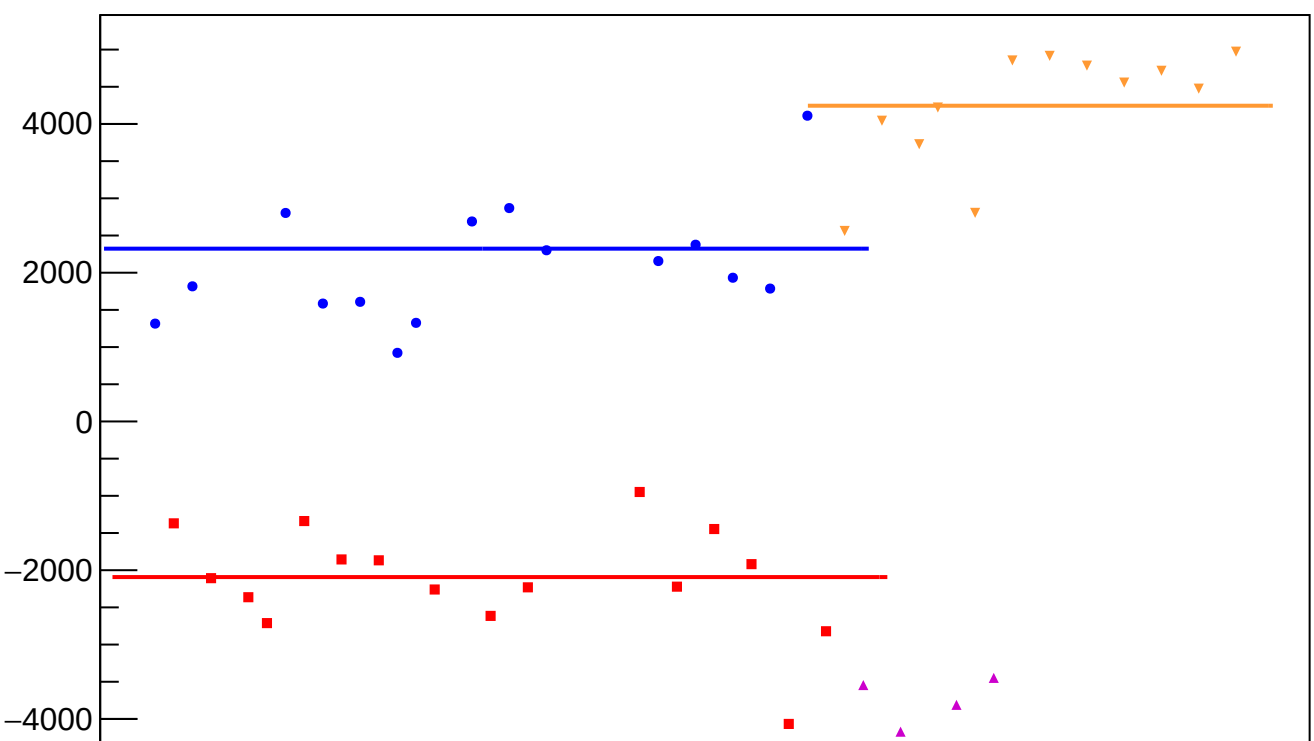
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

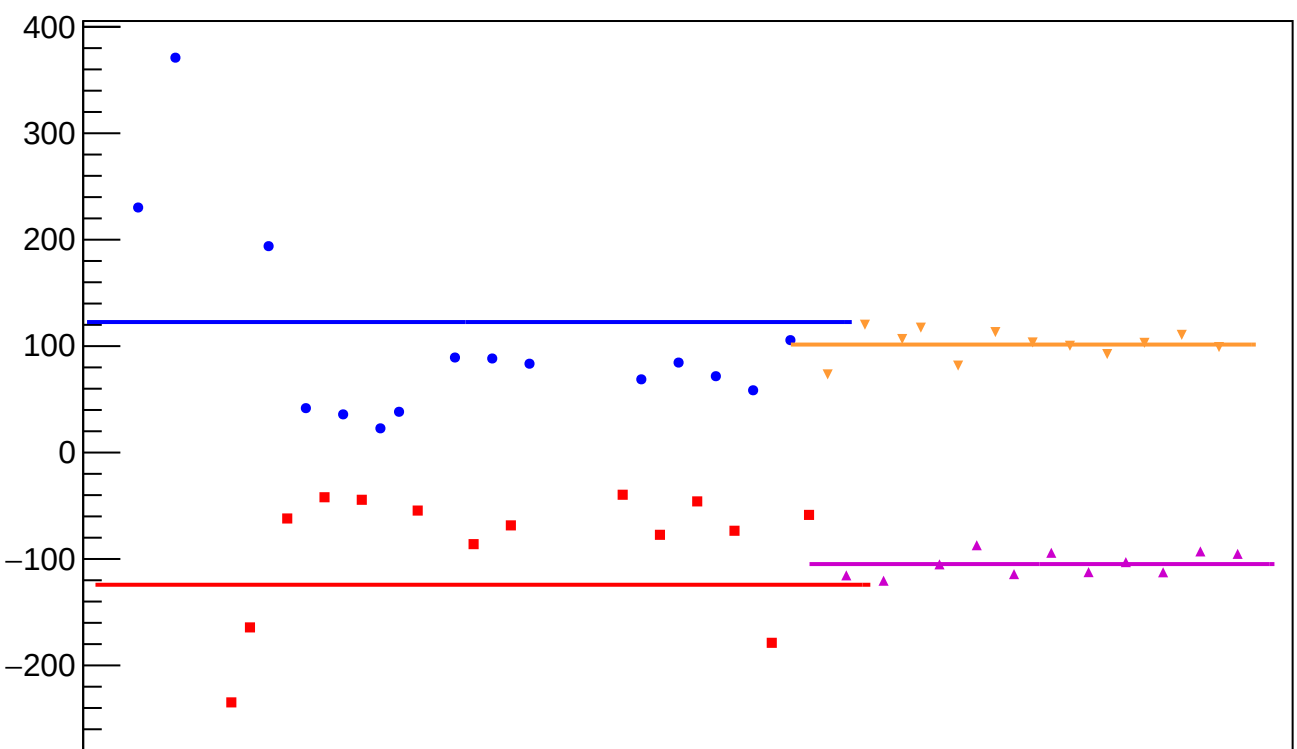
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

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

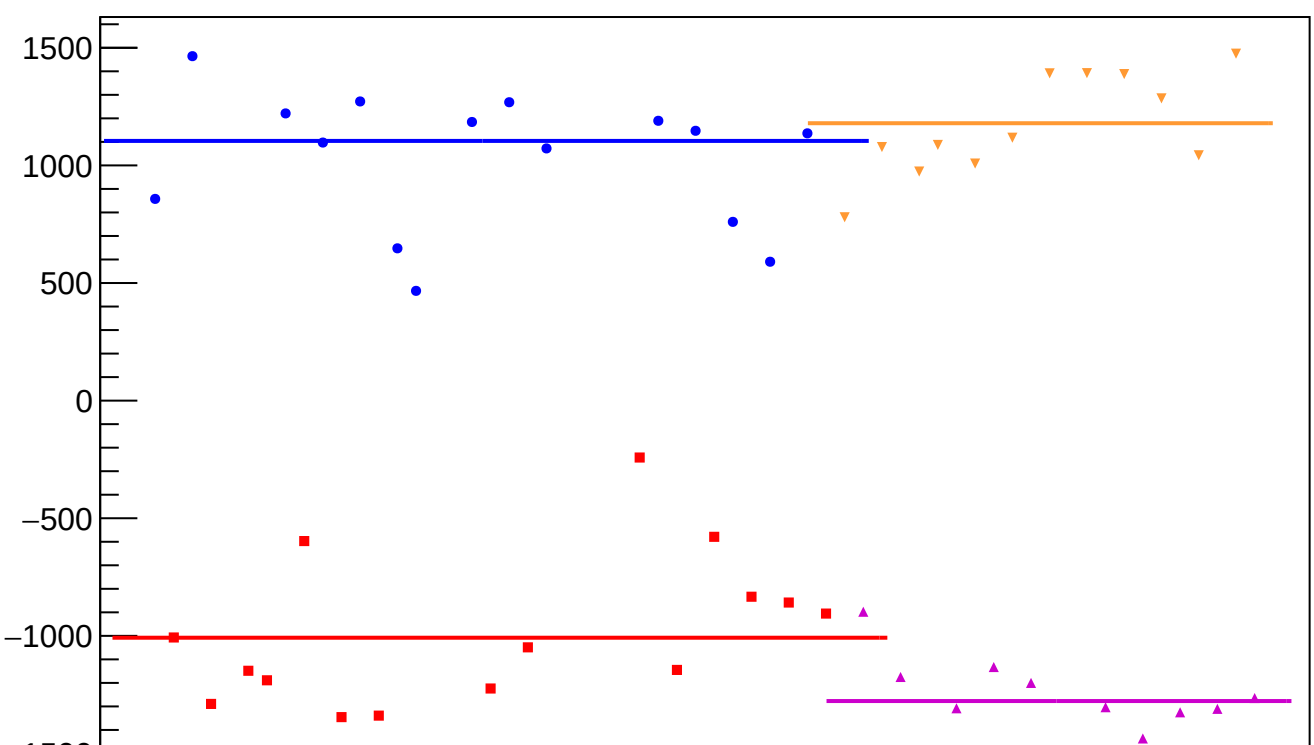
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

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

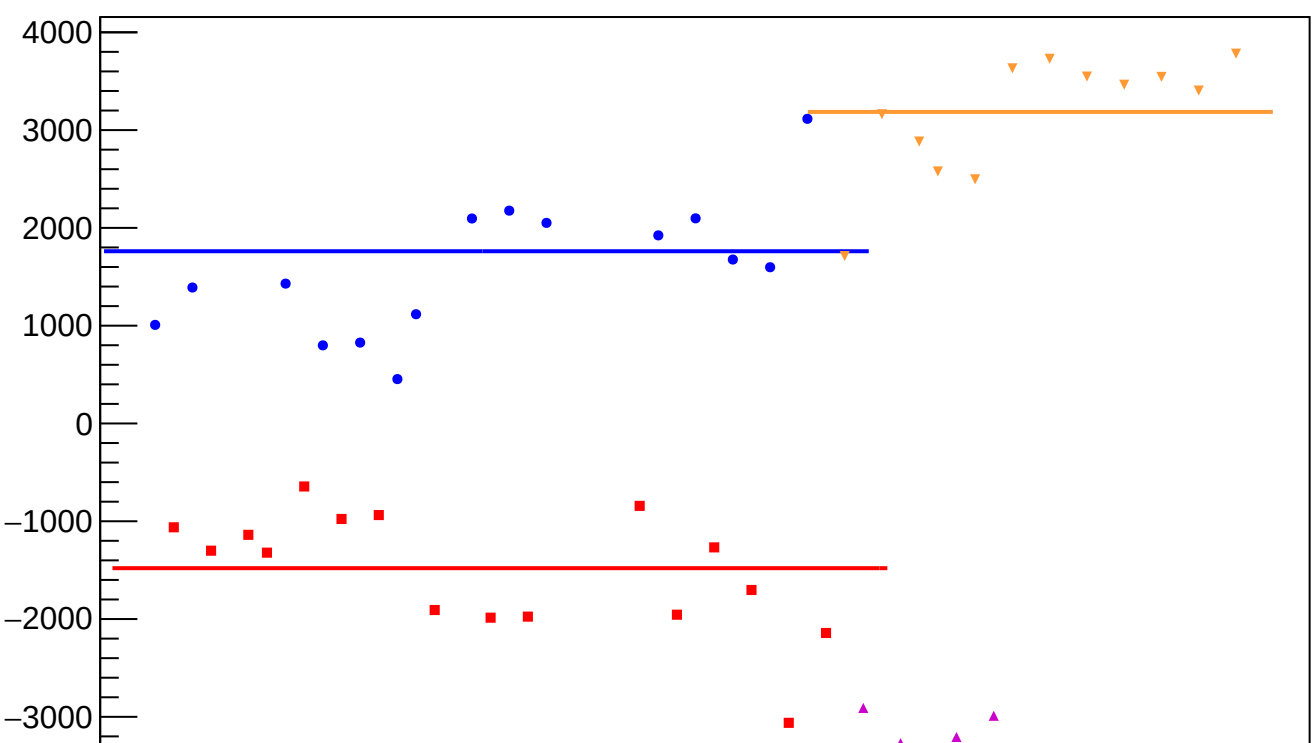
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

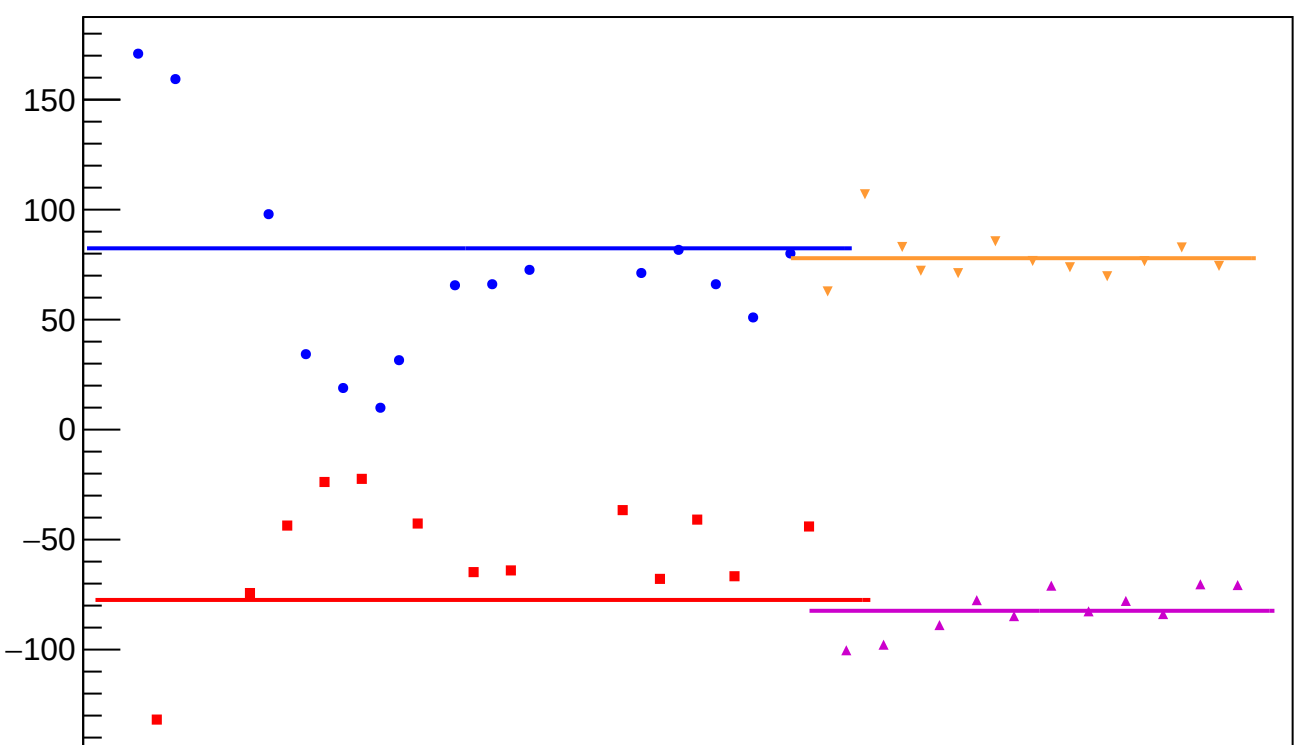
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

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

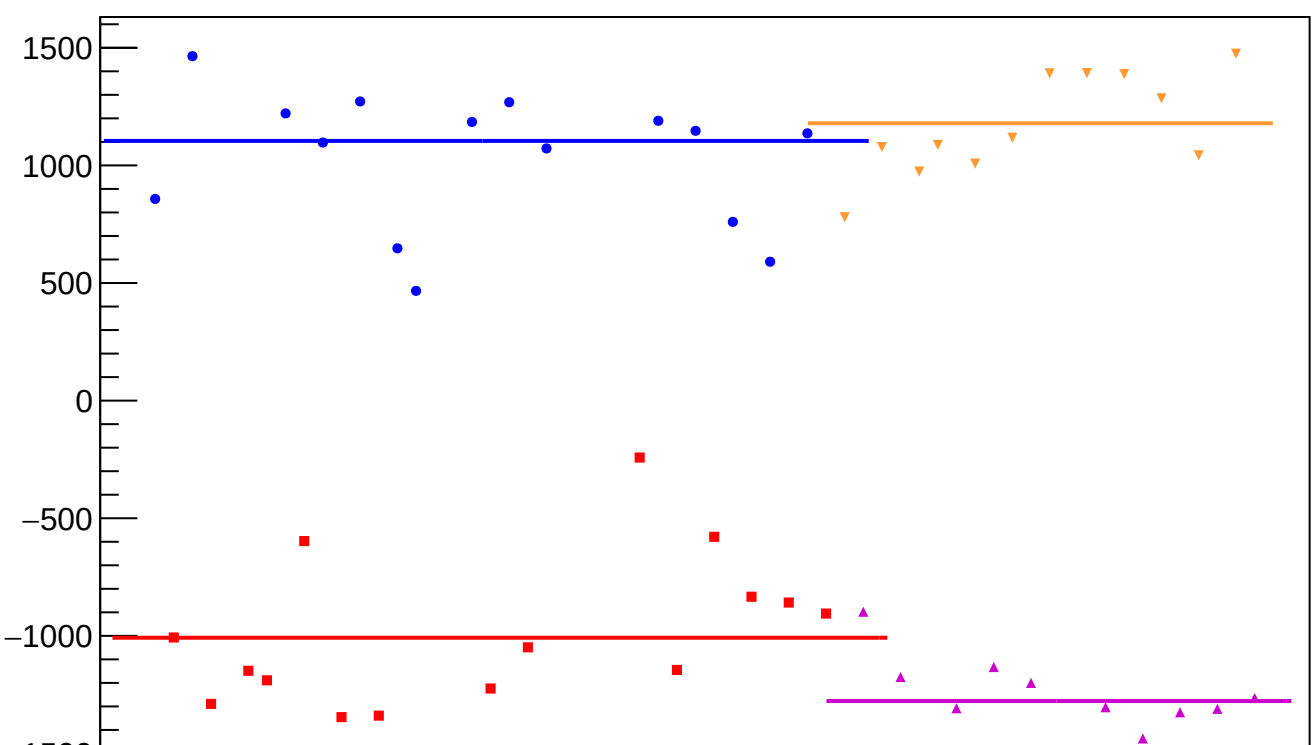
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

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

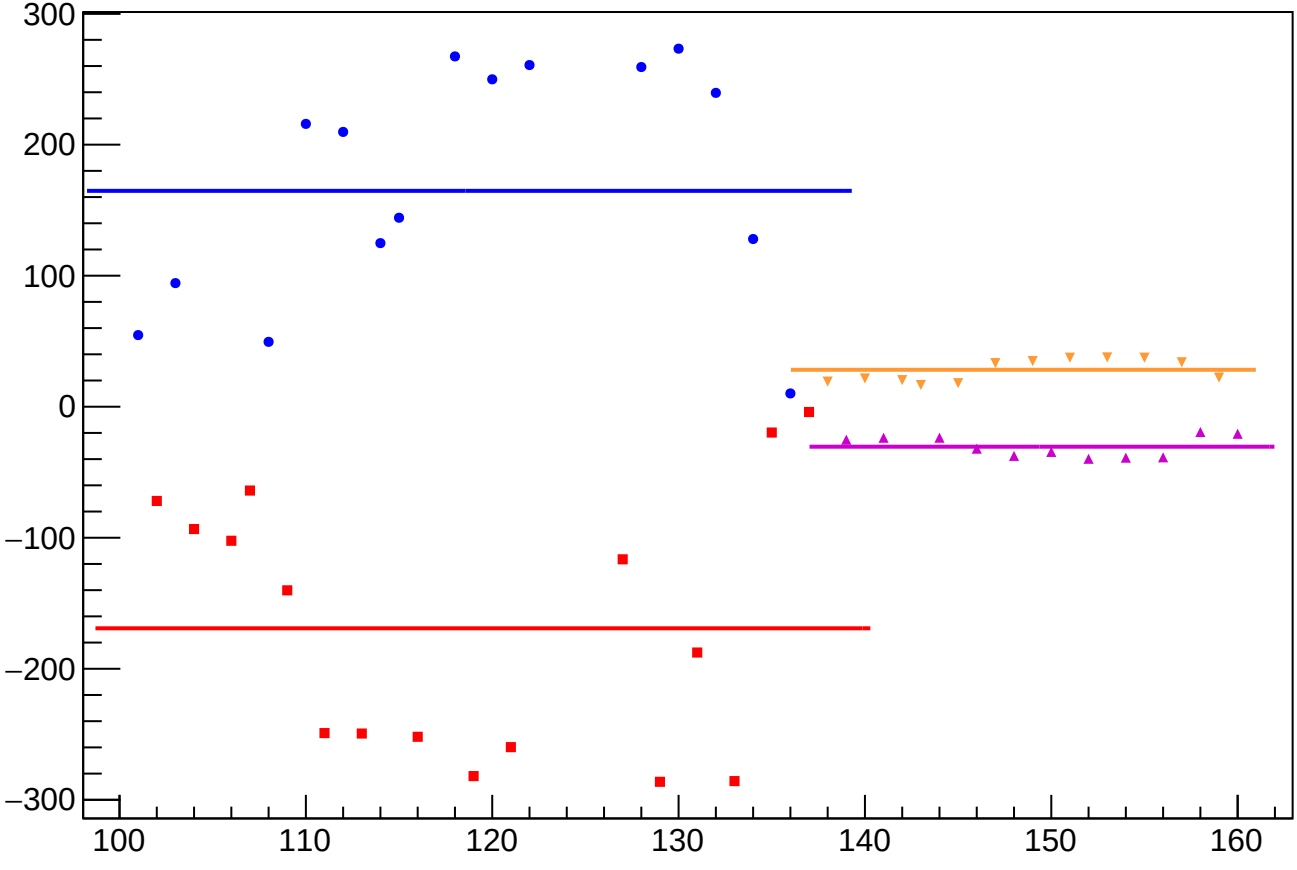
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

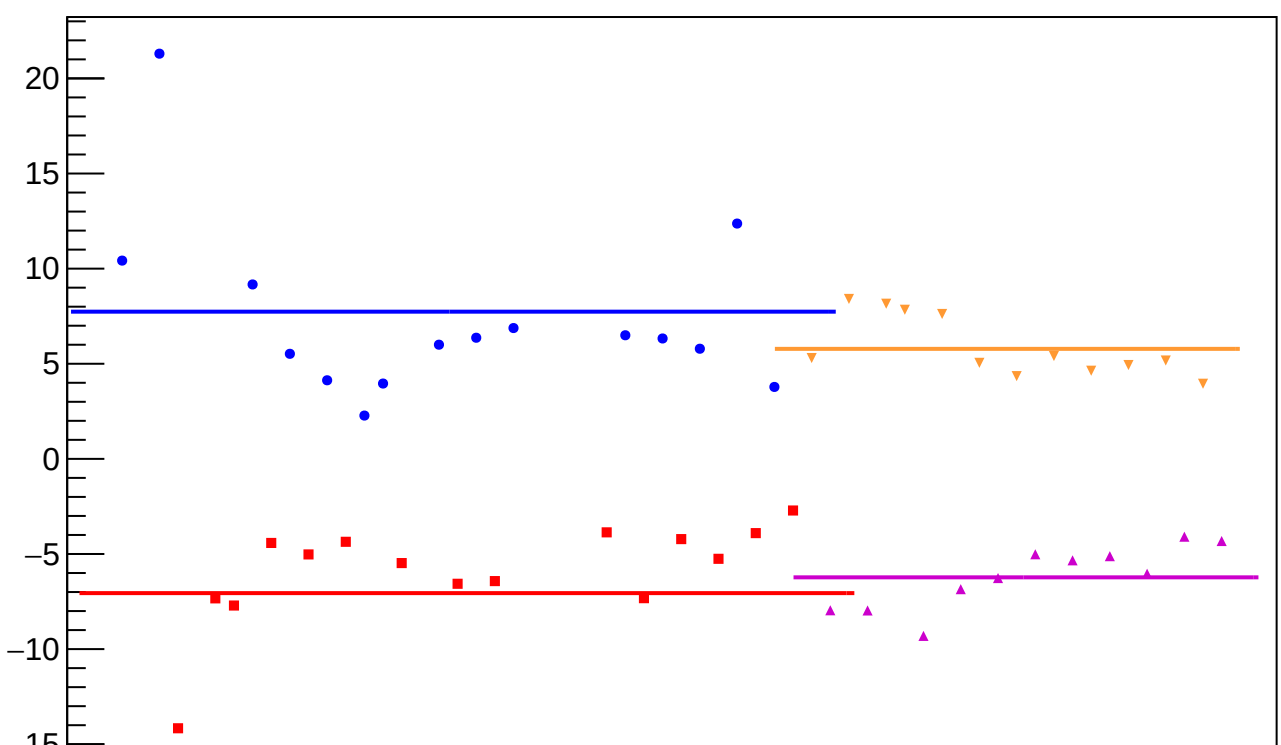
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

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

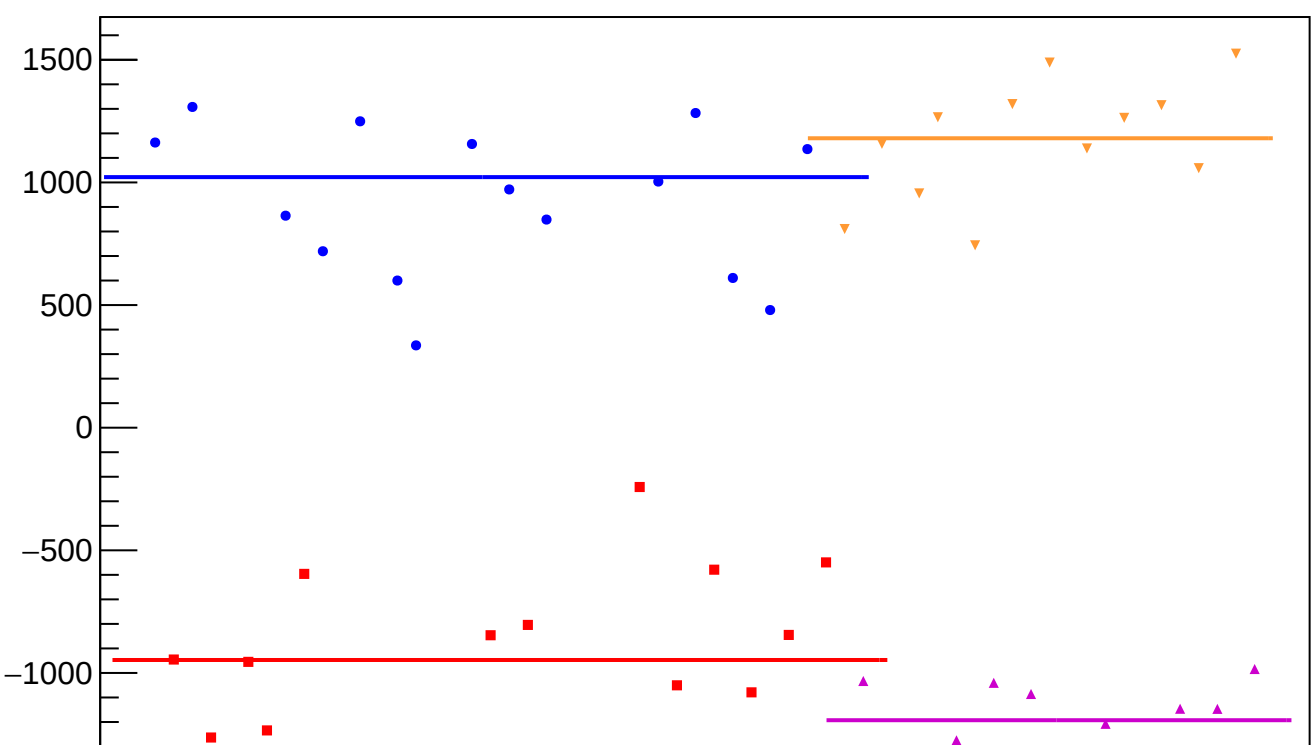
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

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

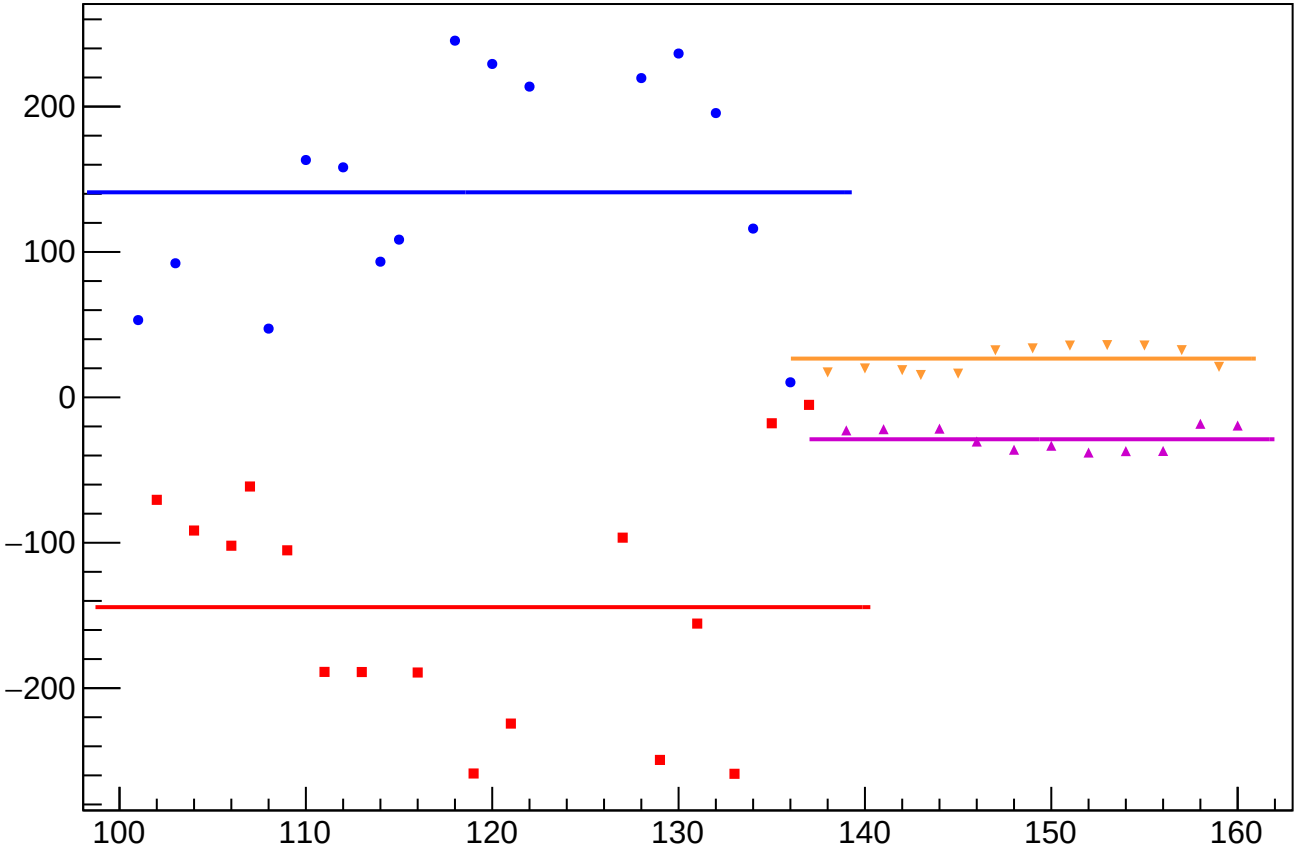
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

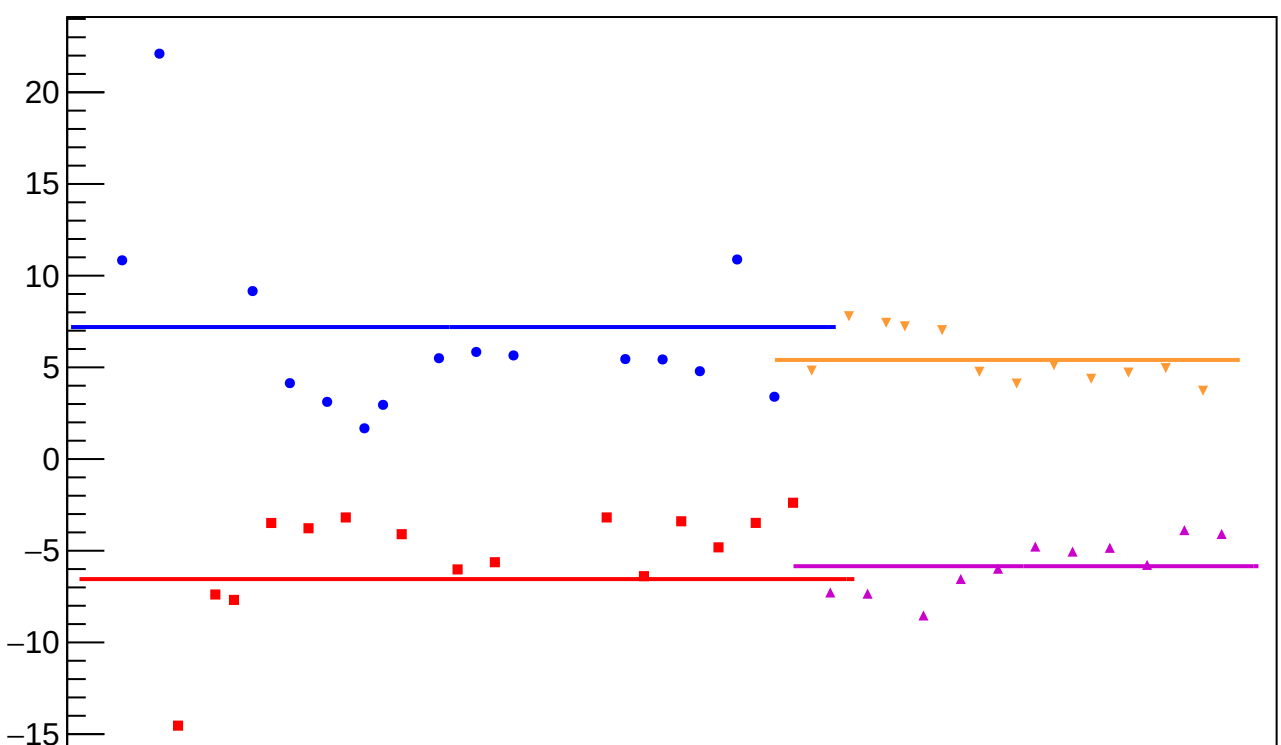
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

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

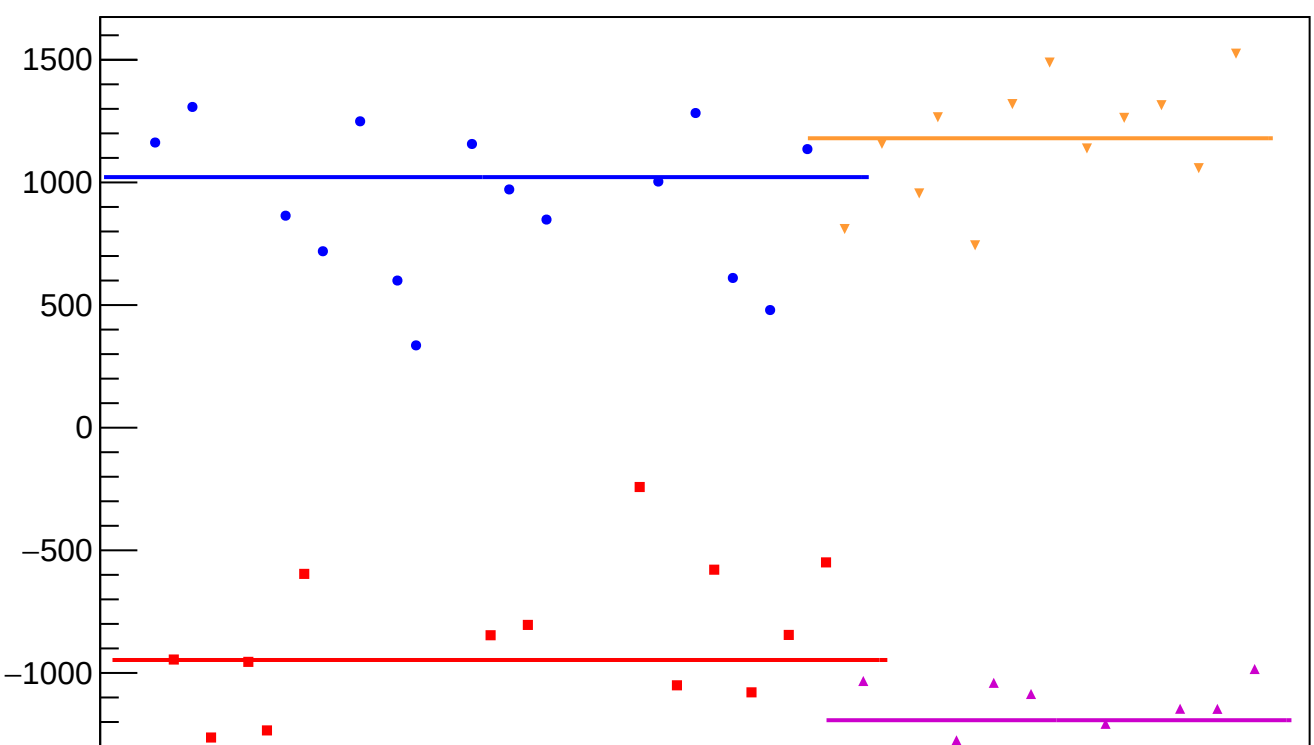
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

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

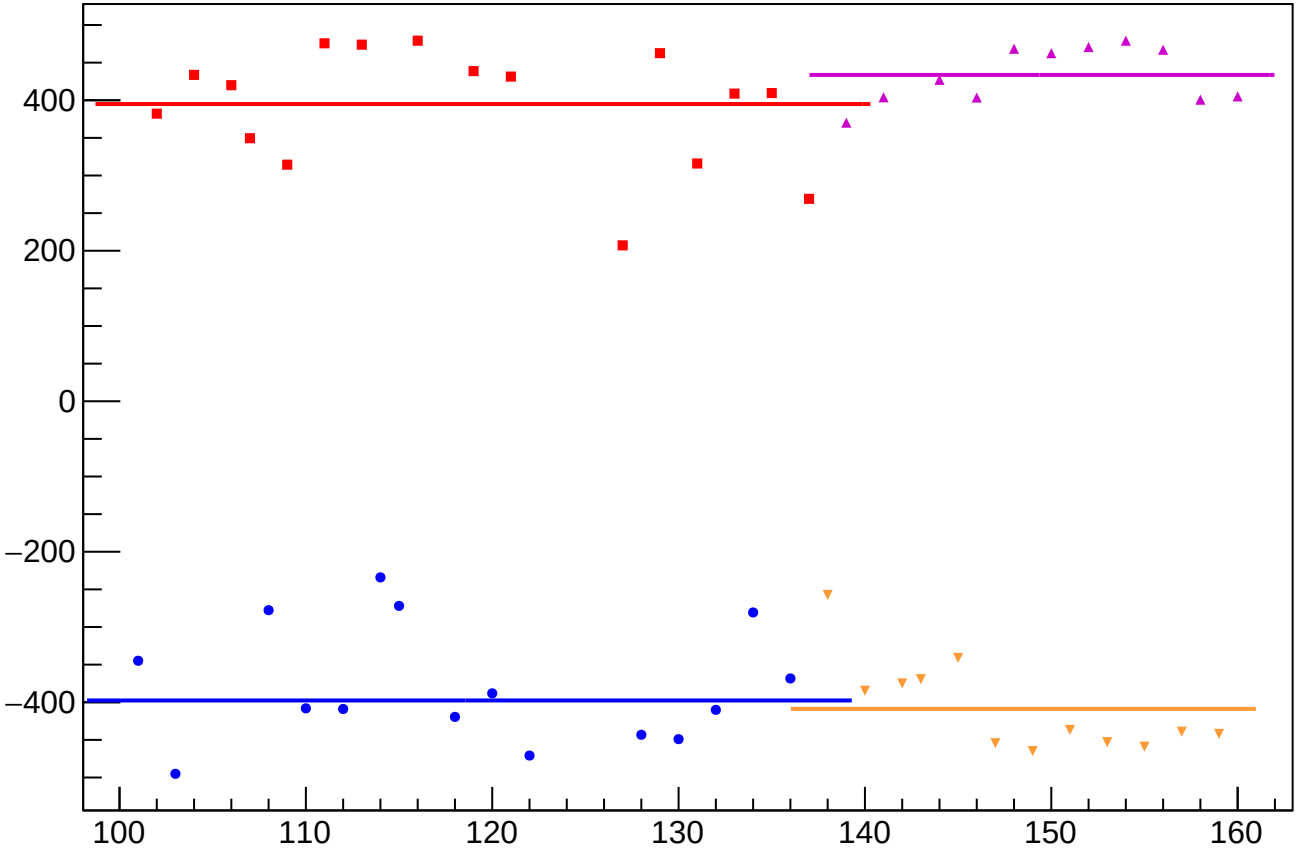
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

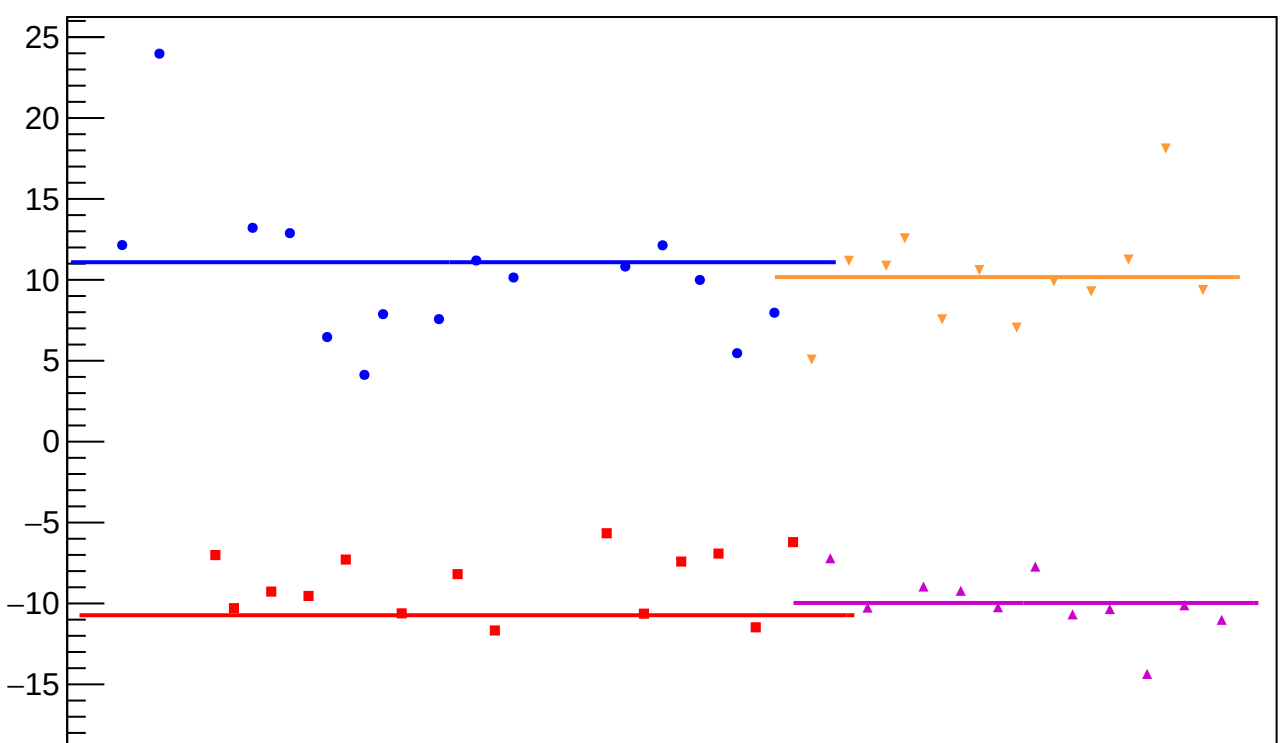
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

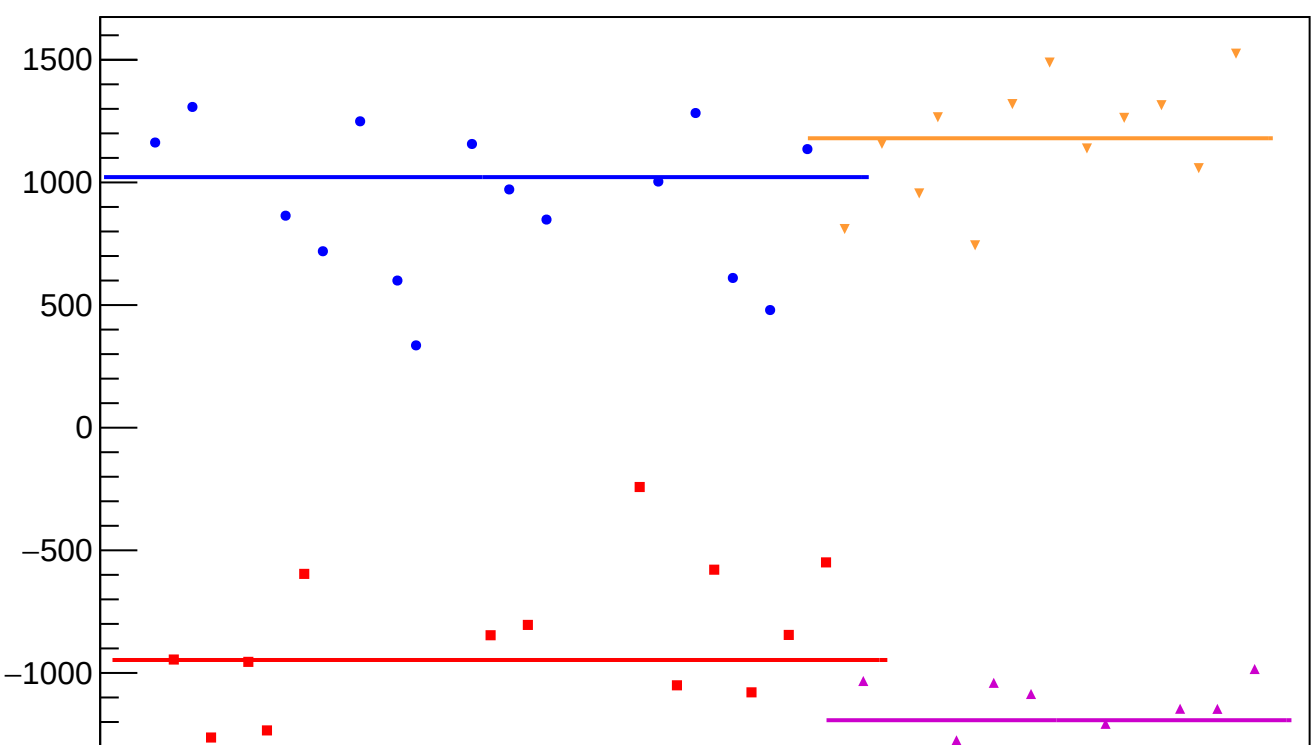
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

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

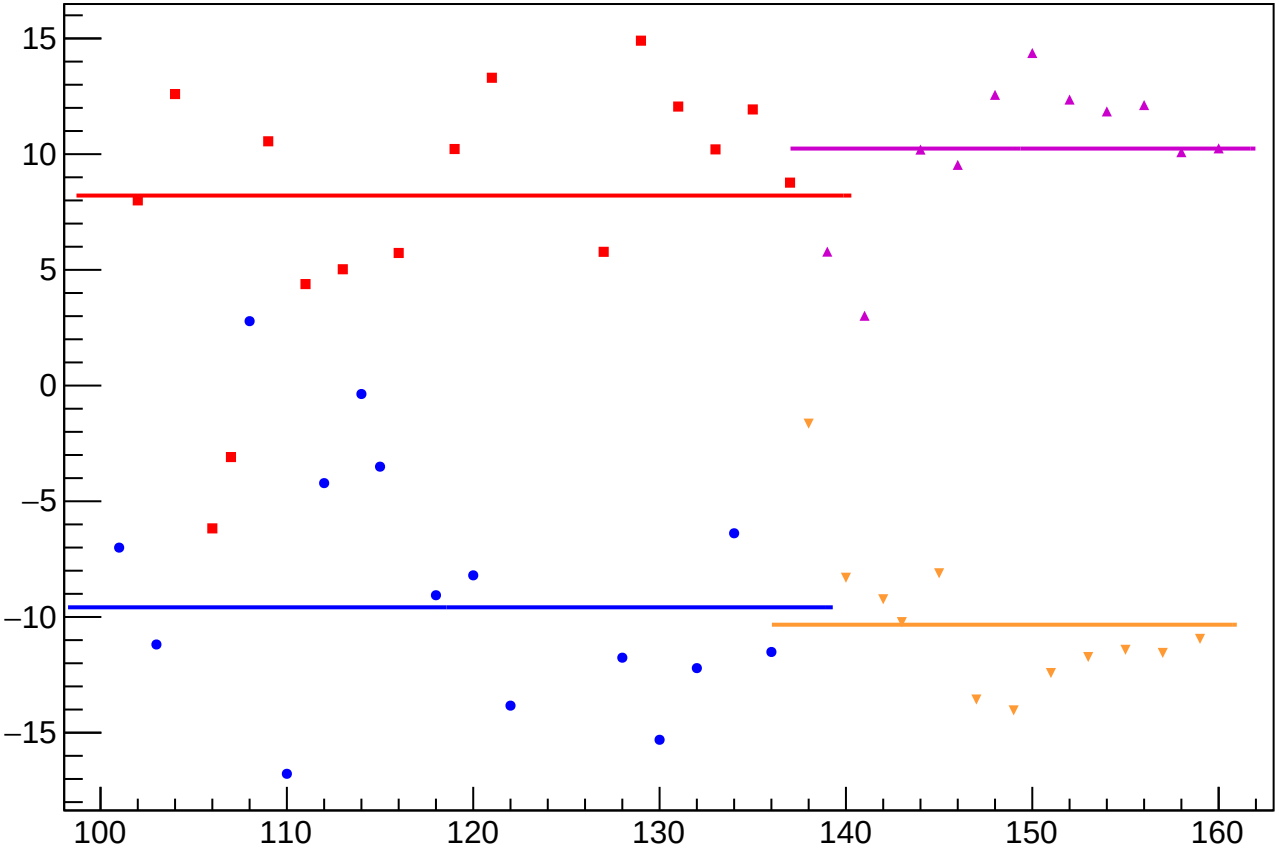
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

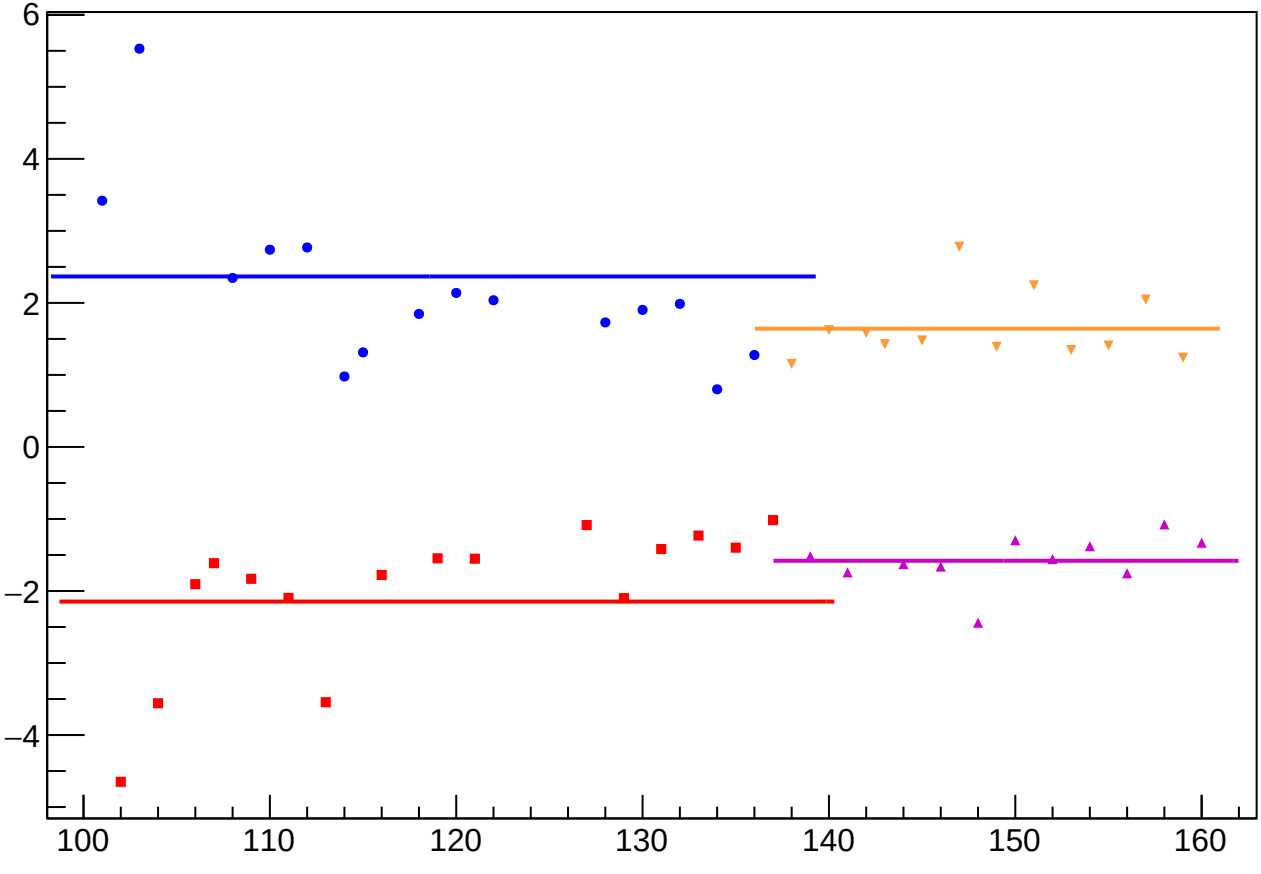
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

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

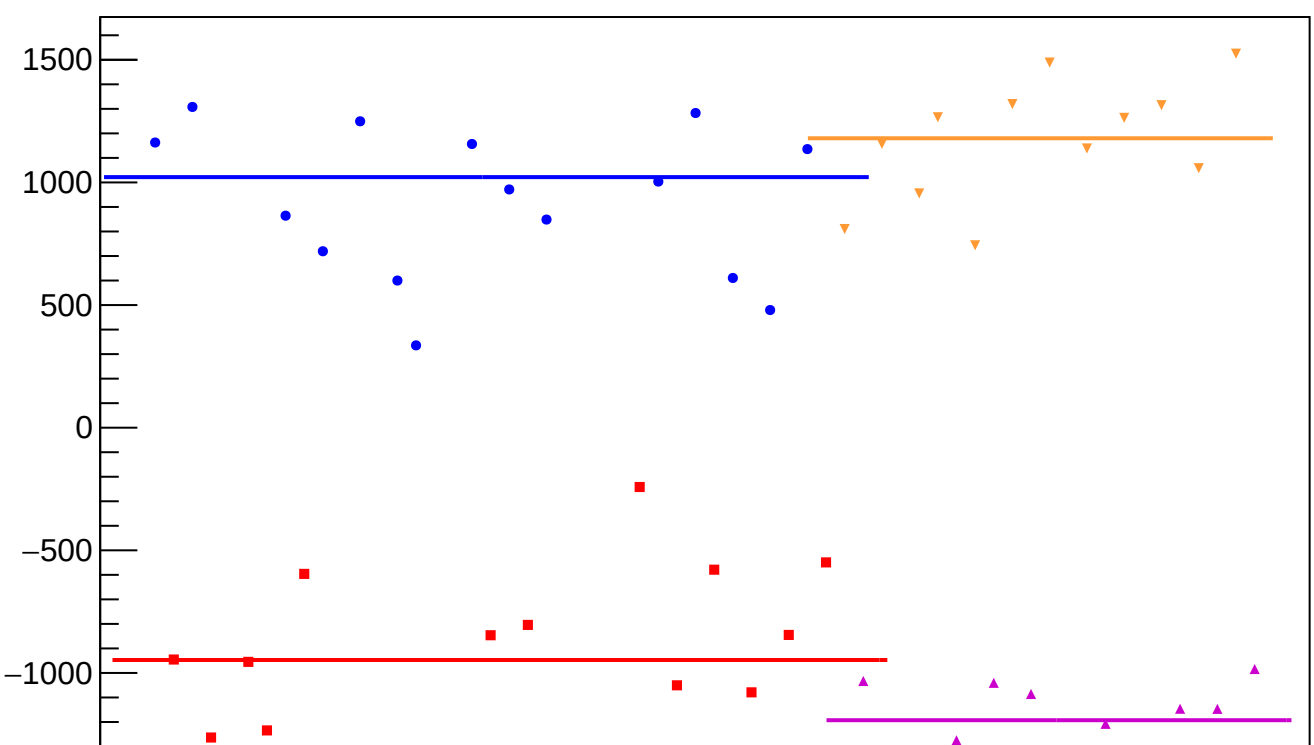
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

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

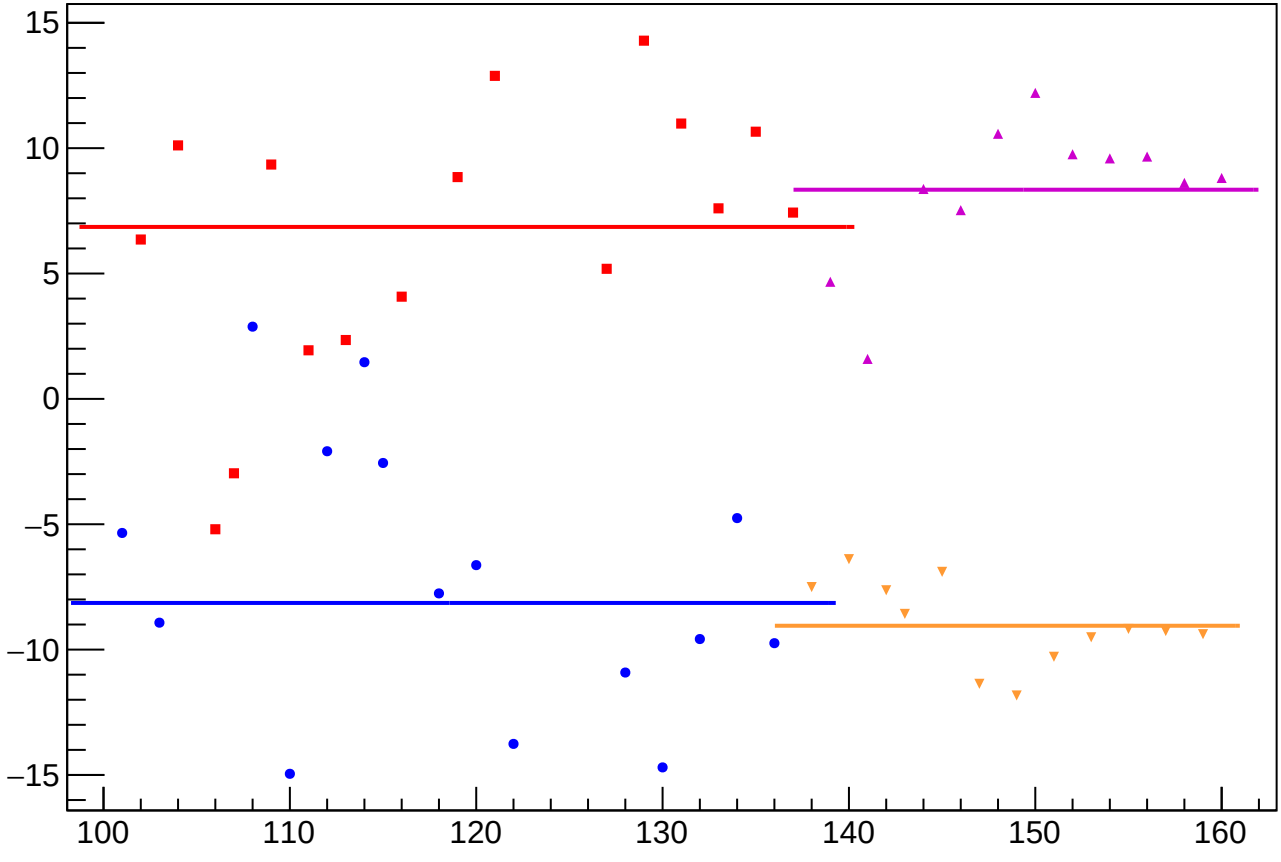
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

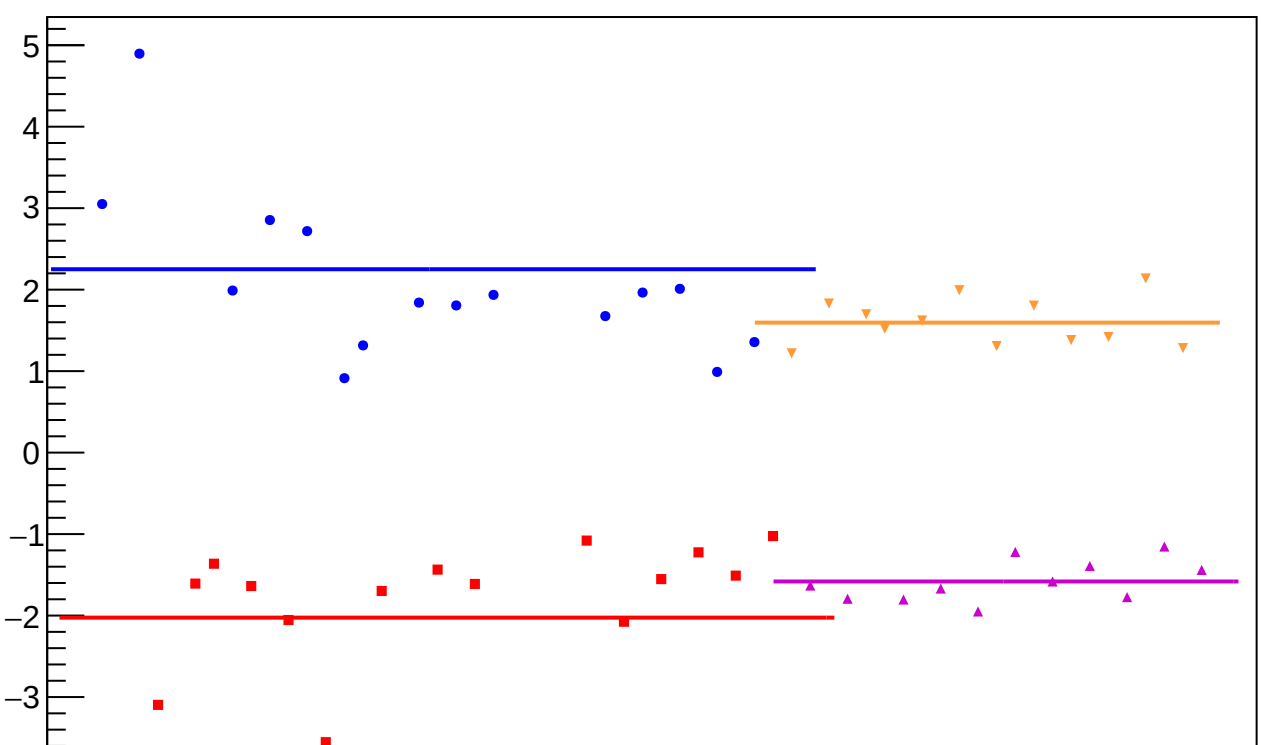
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

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

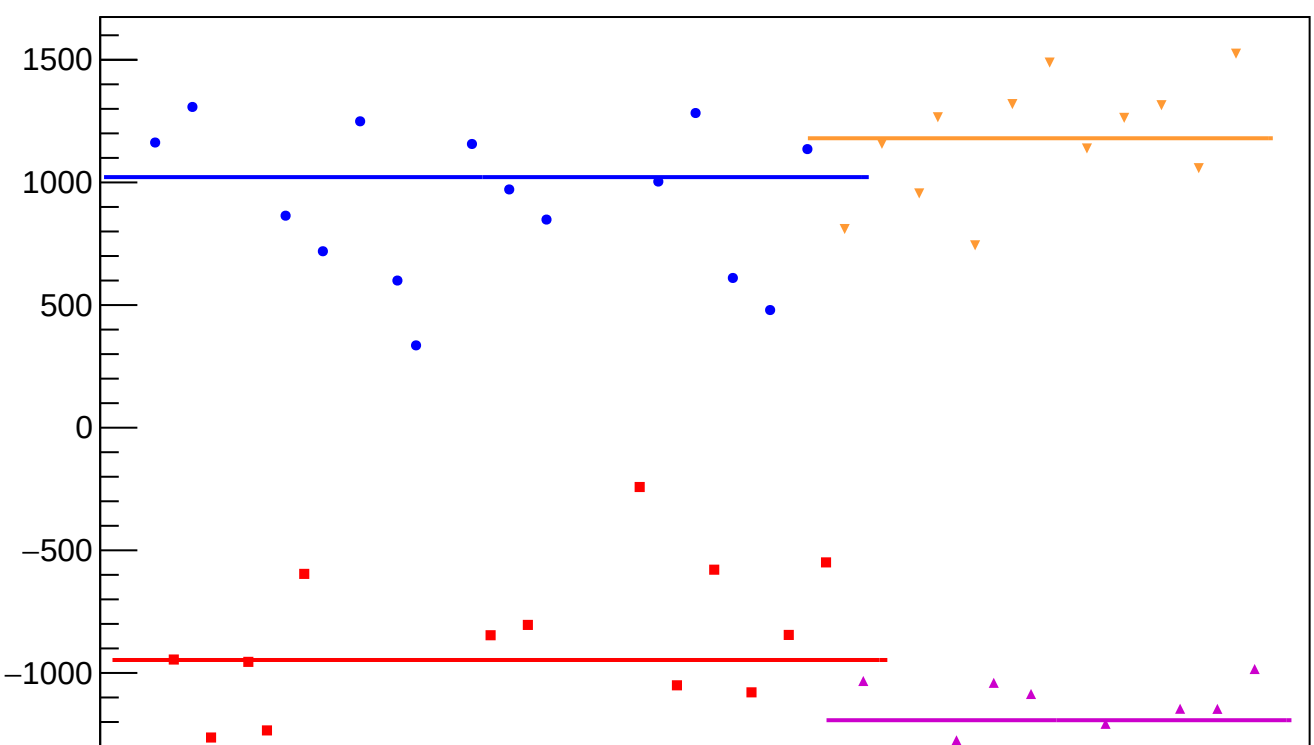
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

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

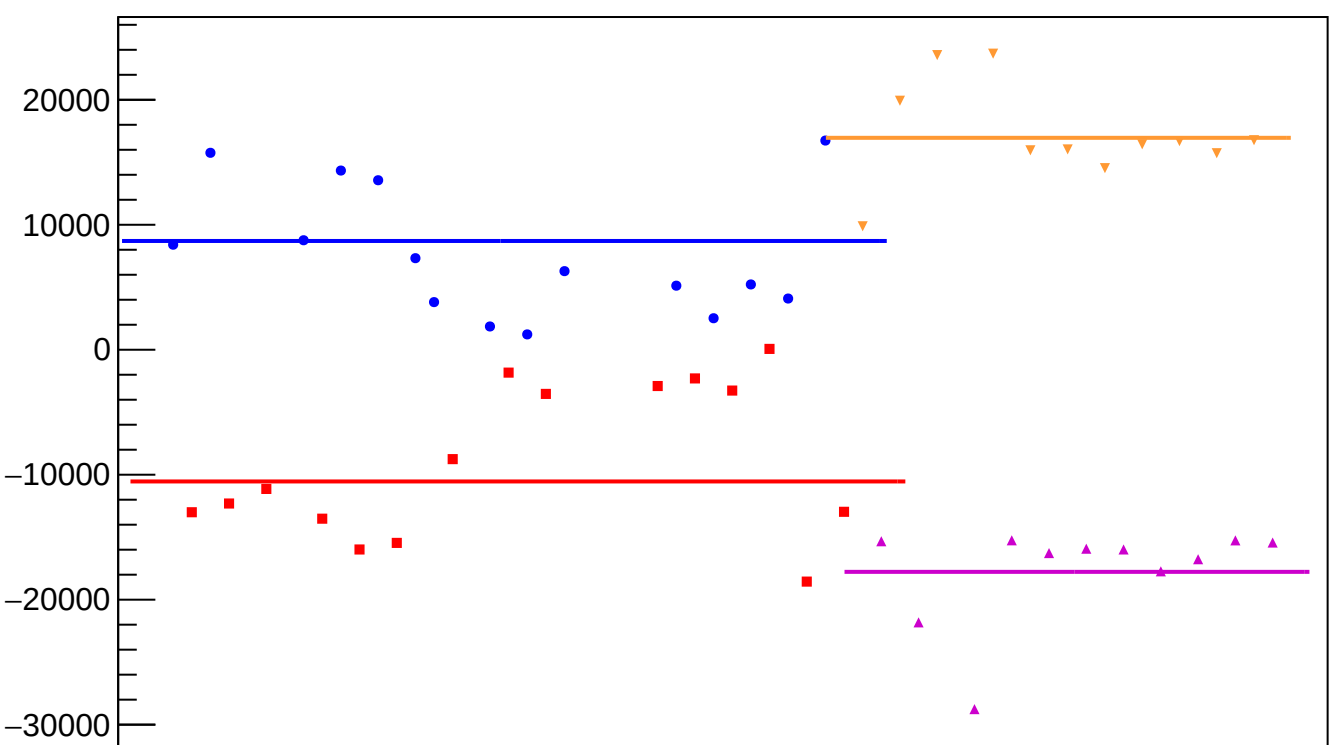
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

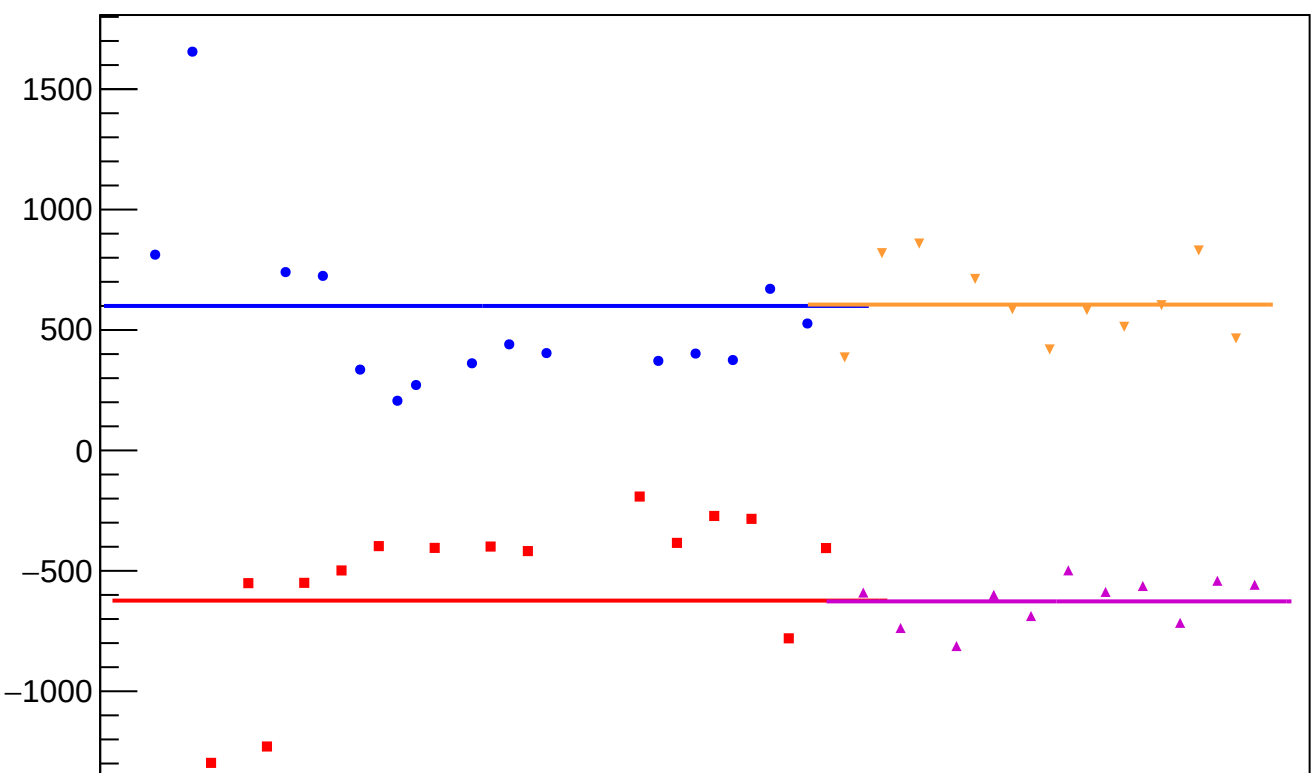
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

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

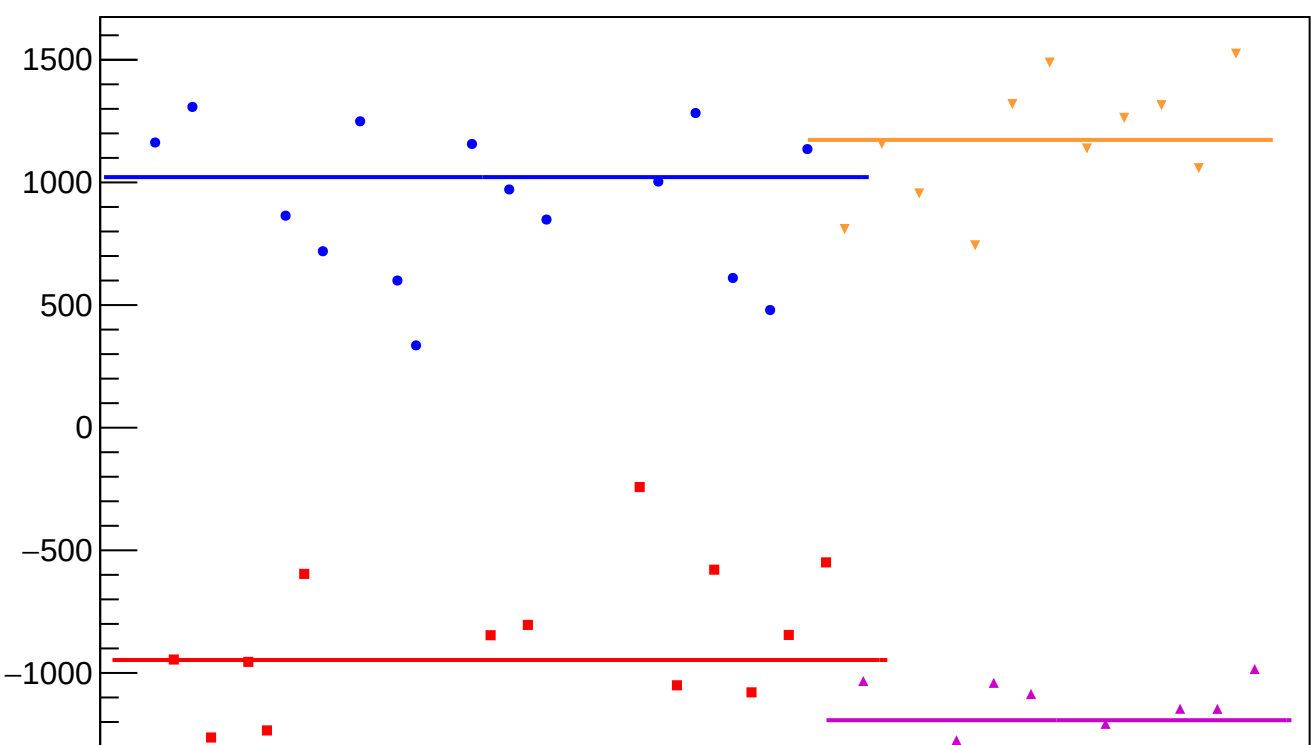
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

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

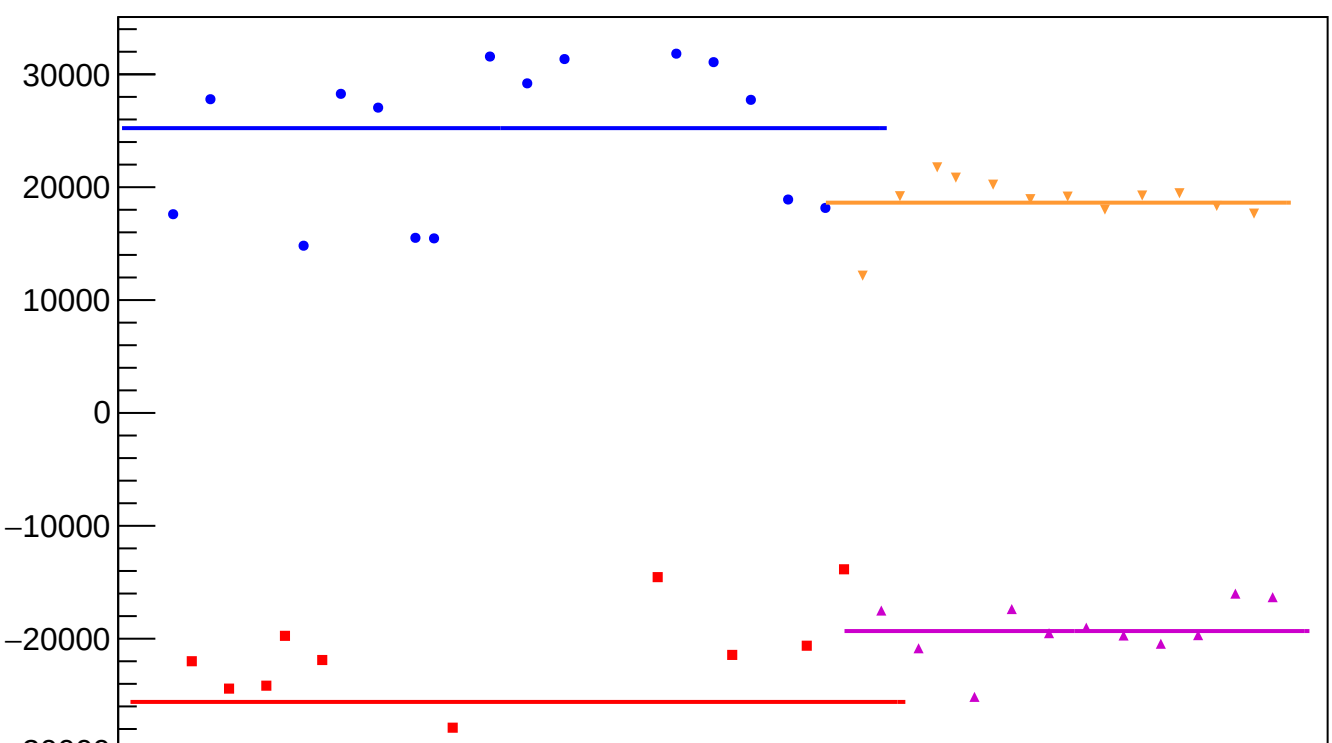
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

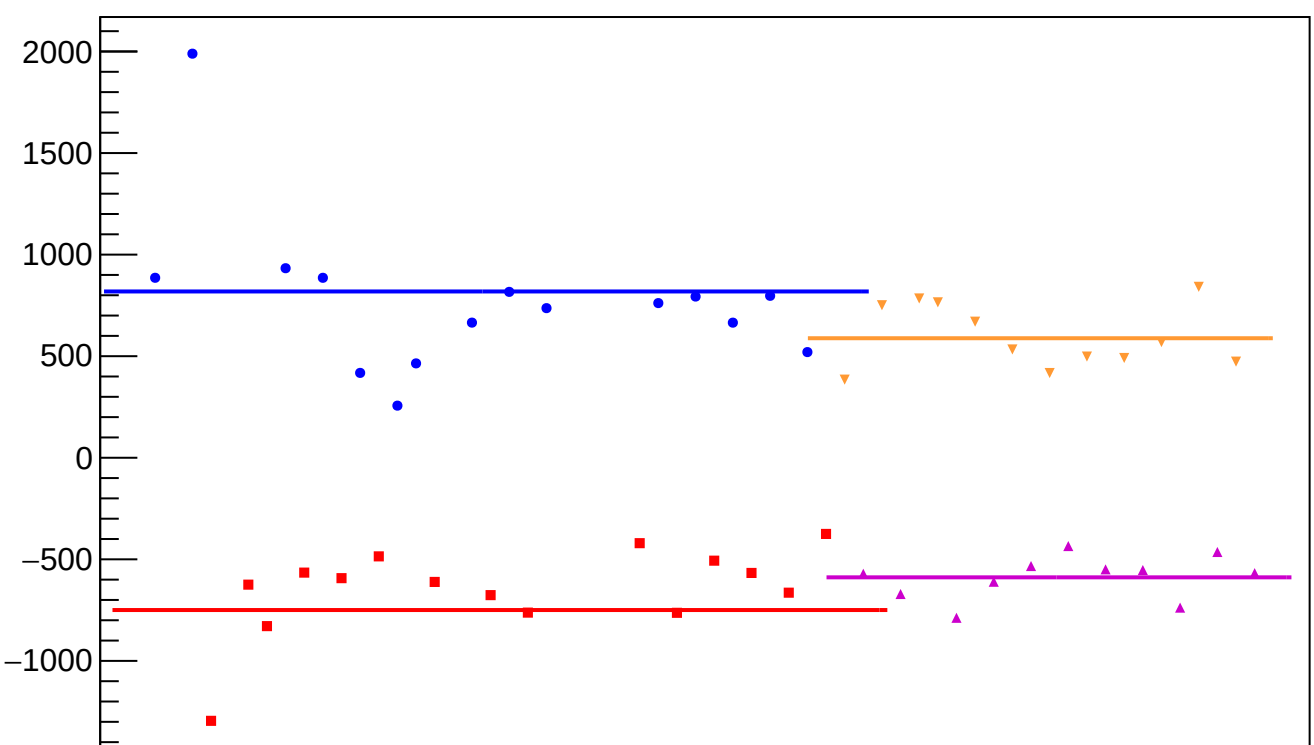
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

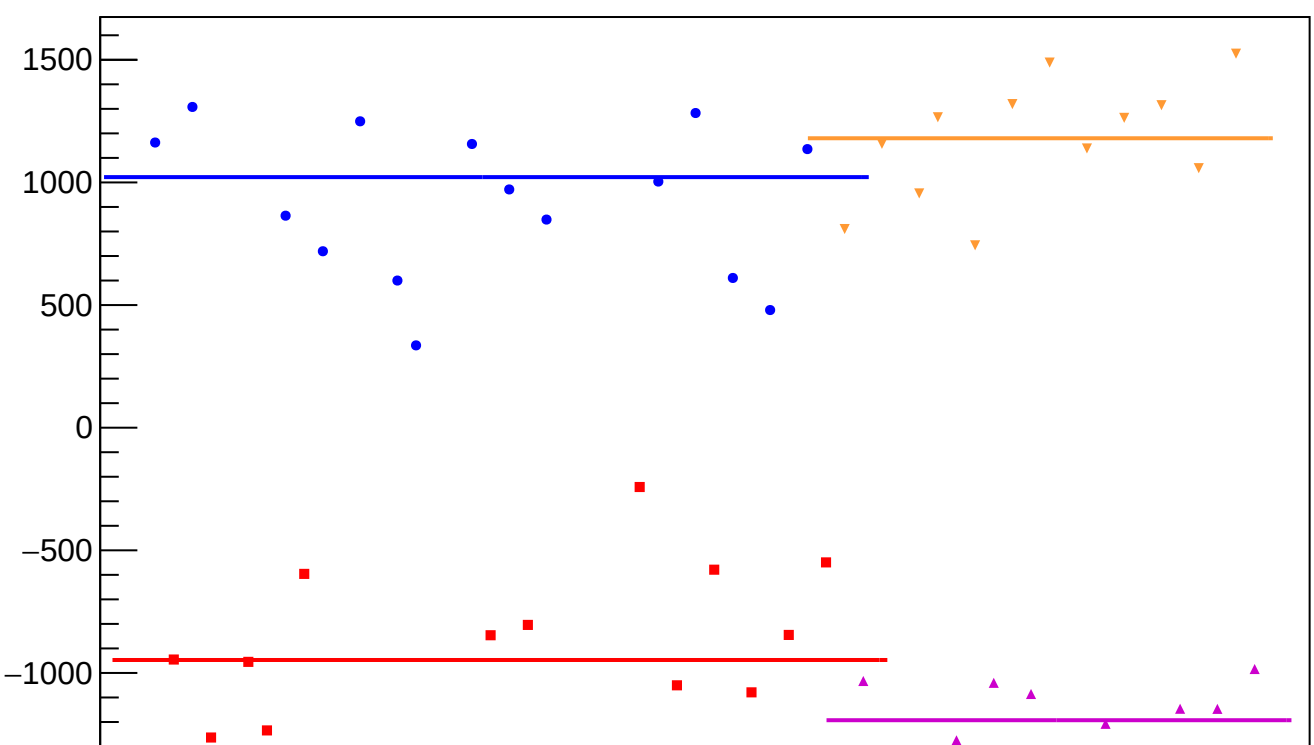
All: -483.976+/-0.000 χ^2/NDF: 15707826192

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

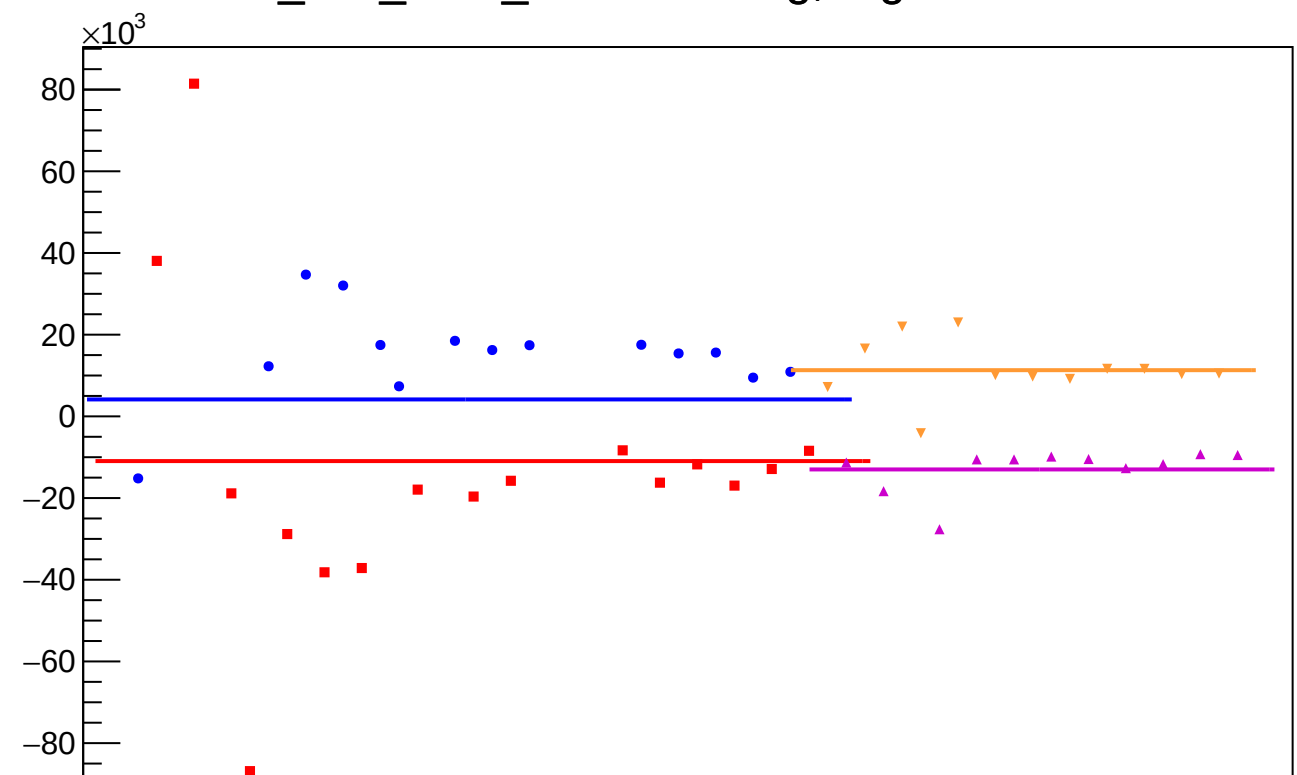
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

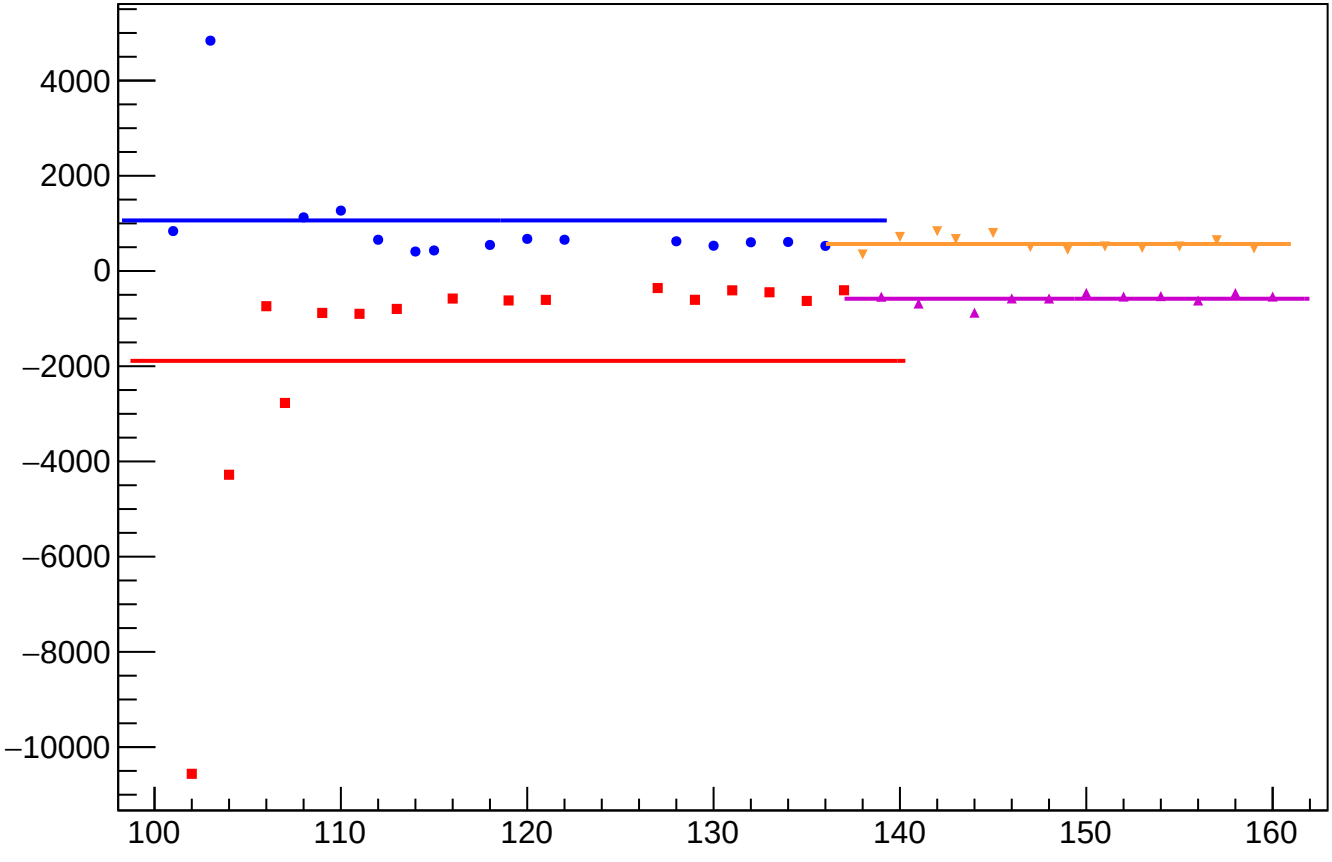
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

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

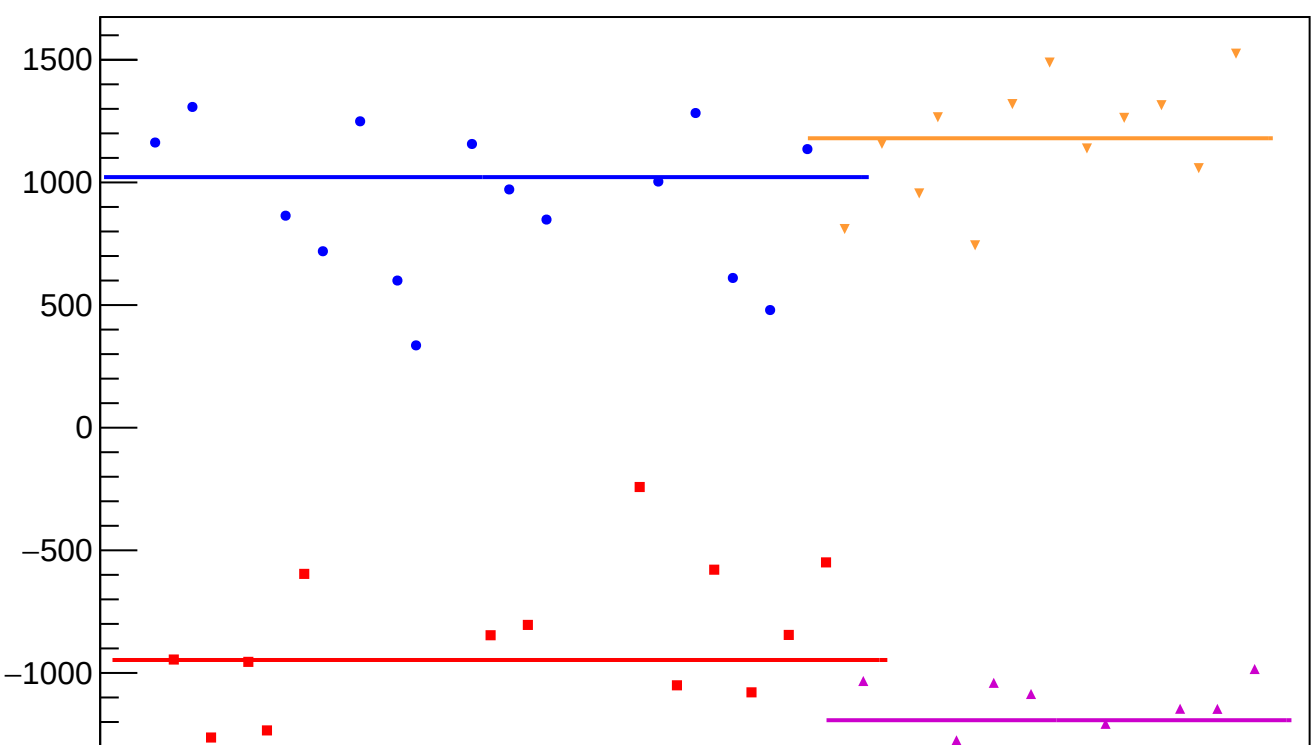
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

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

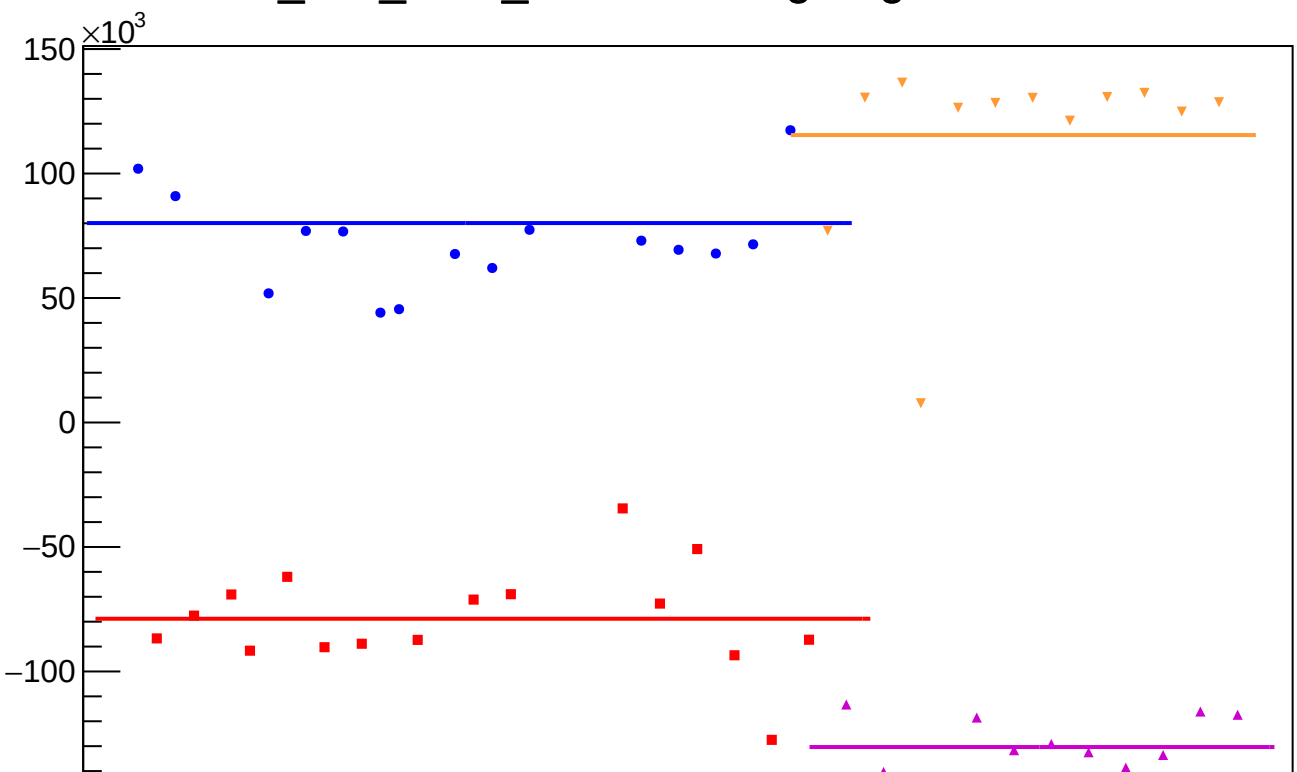
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

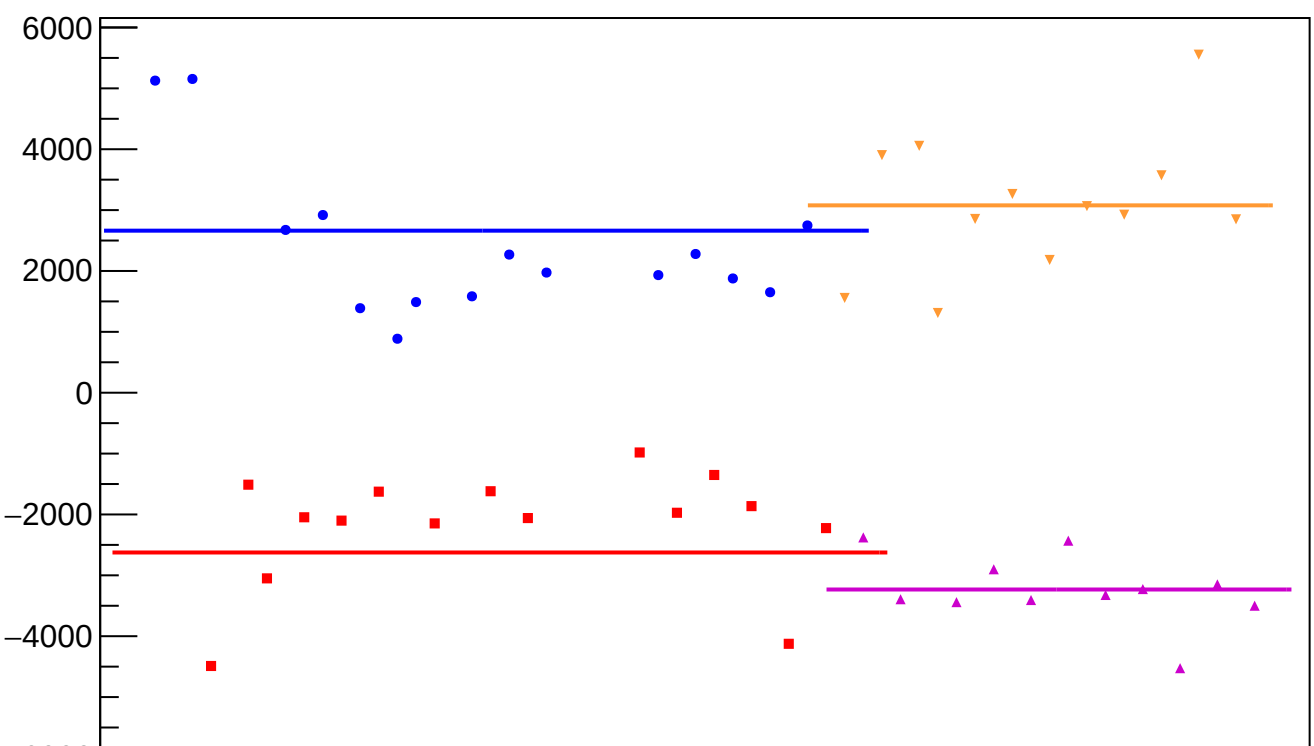
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

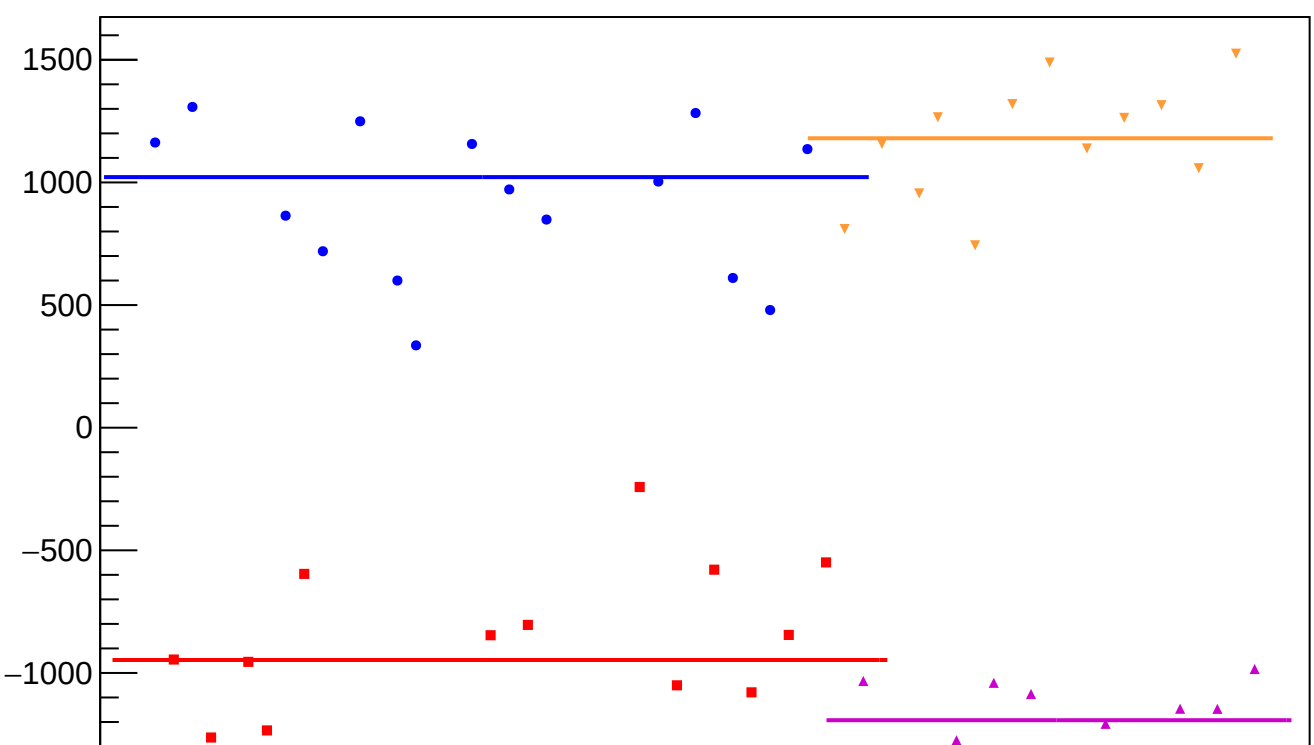
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

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

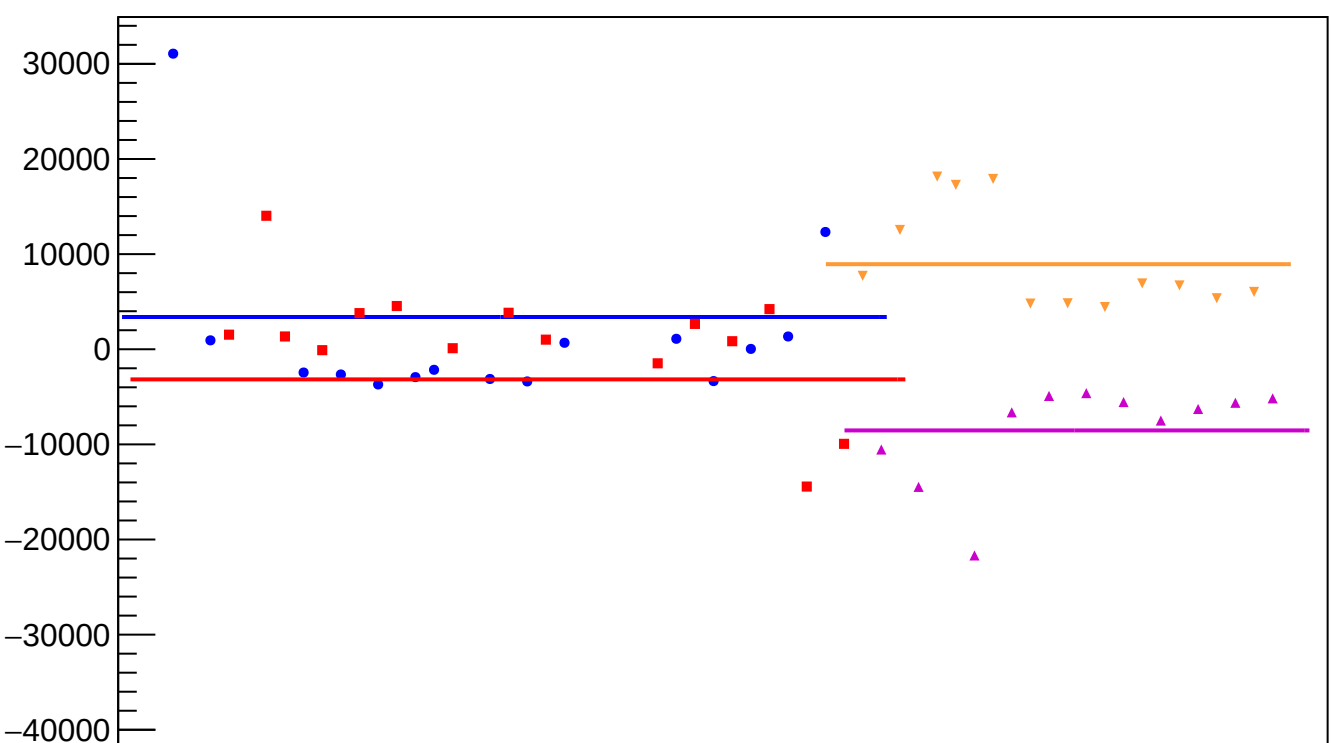
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

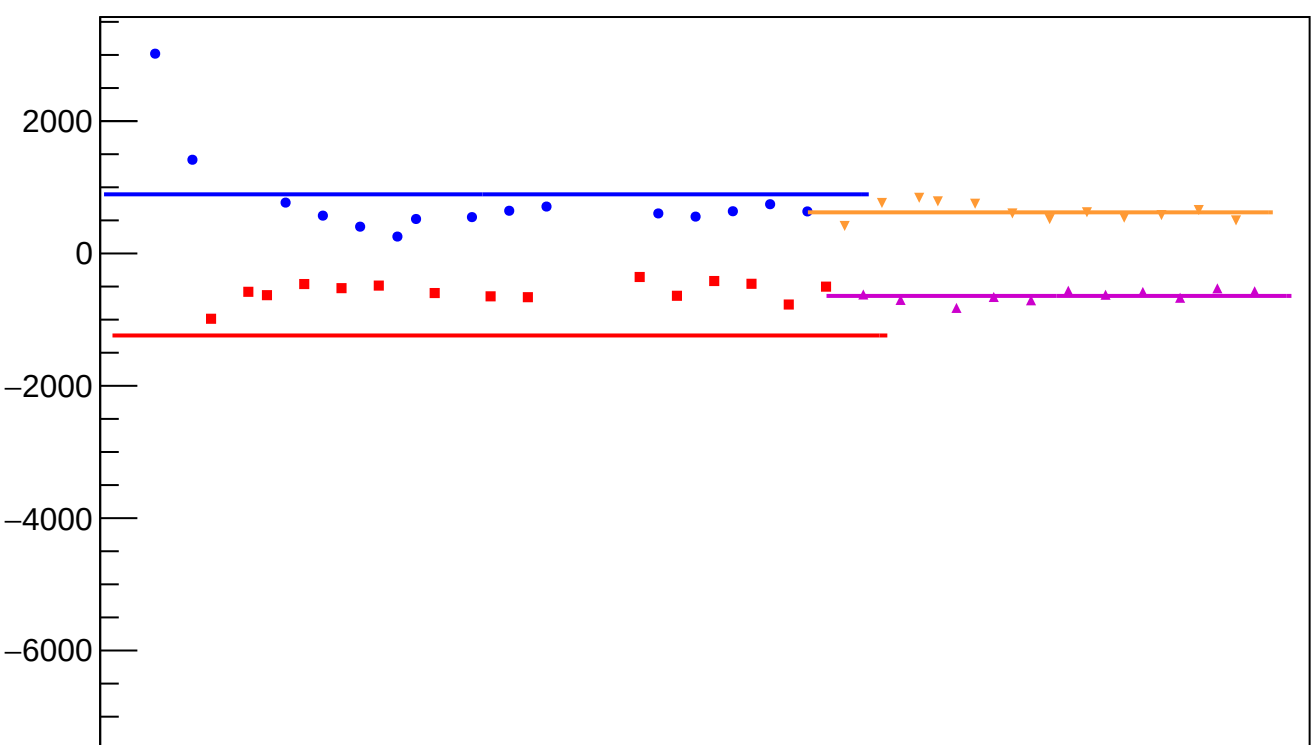
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

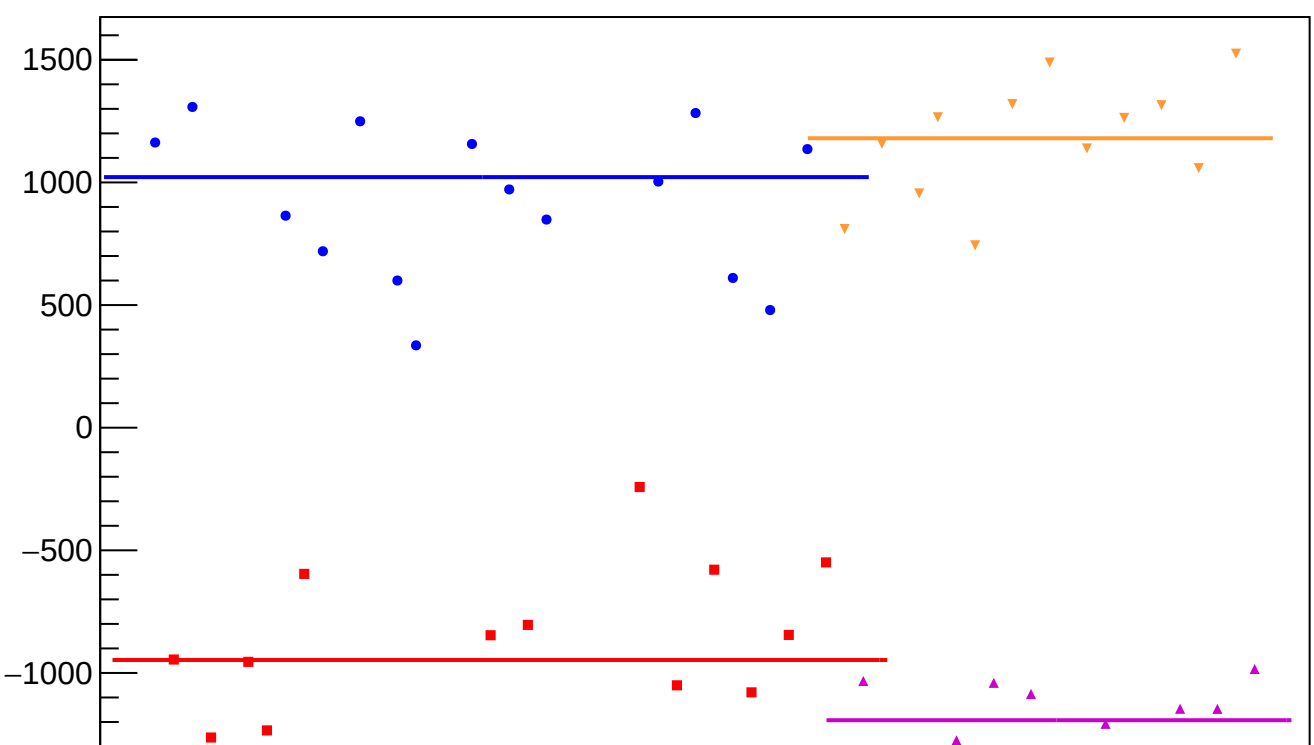
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

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

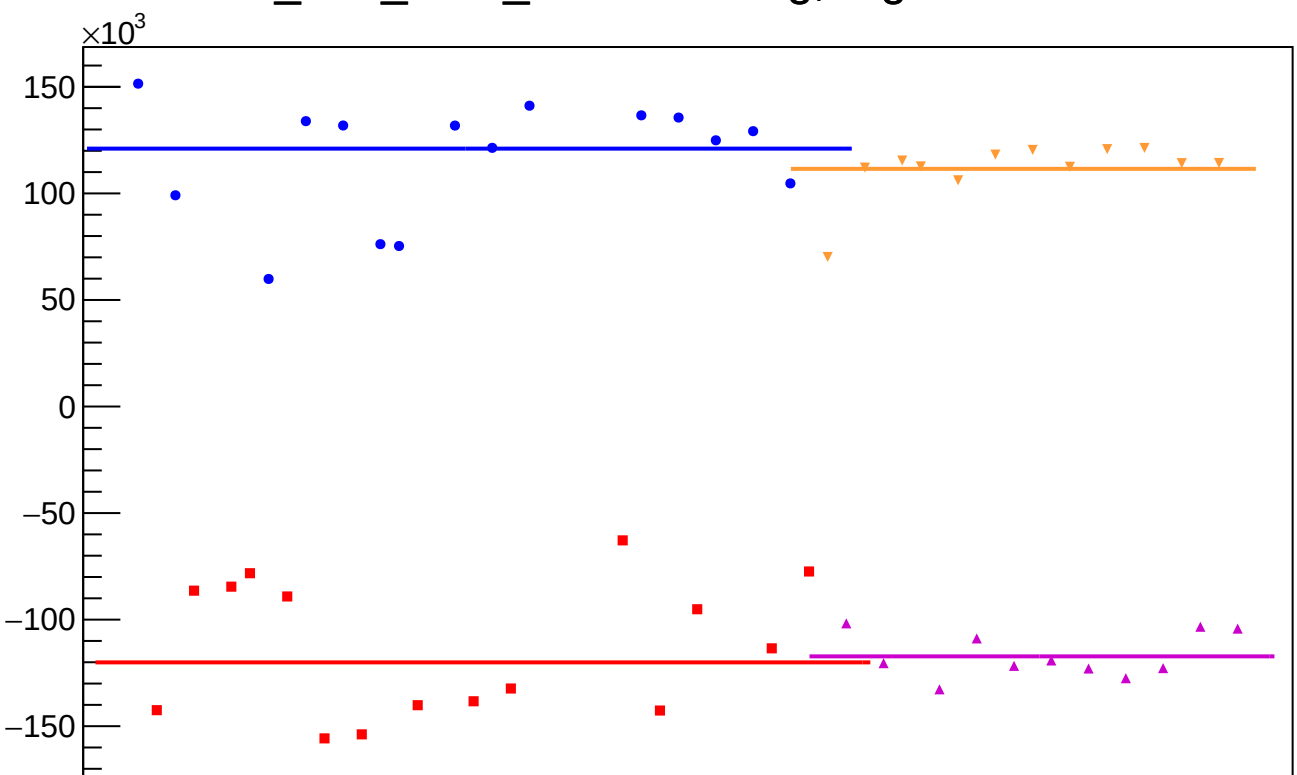
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

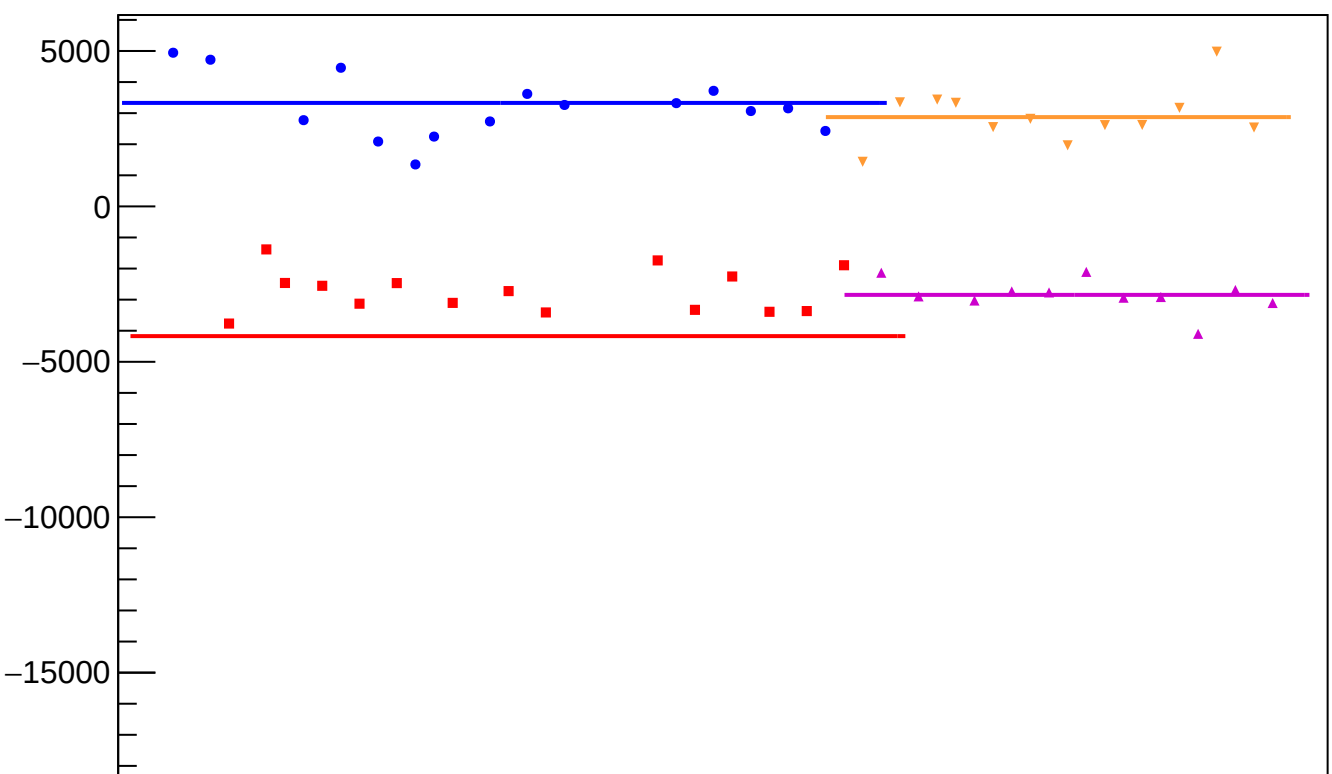
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

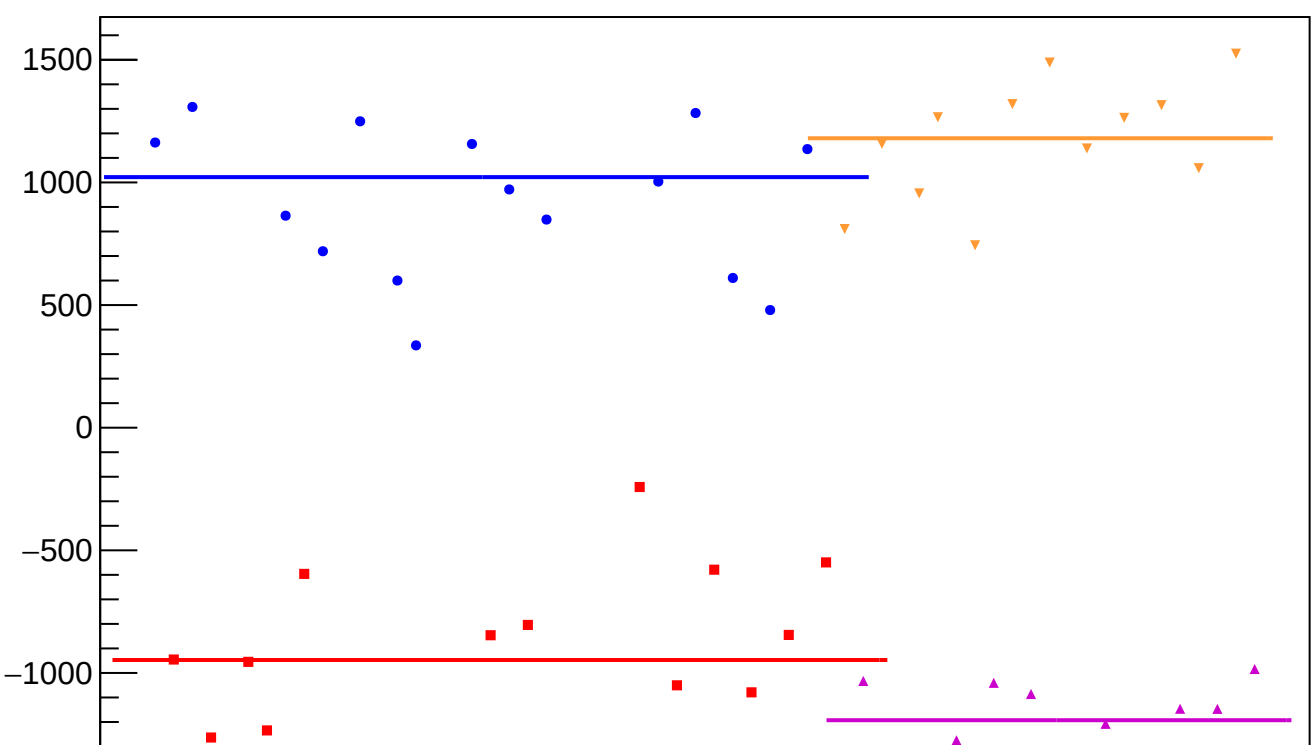
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

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

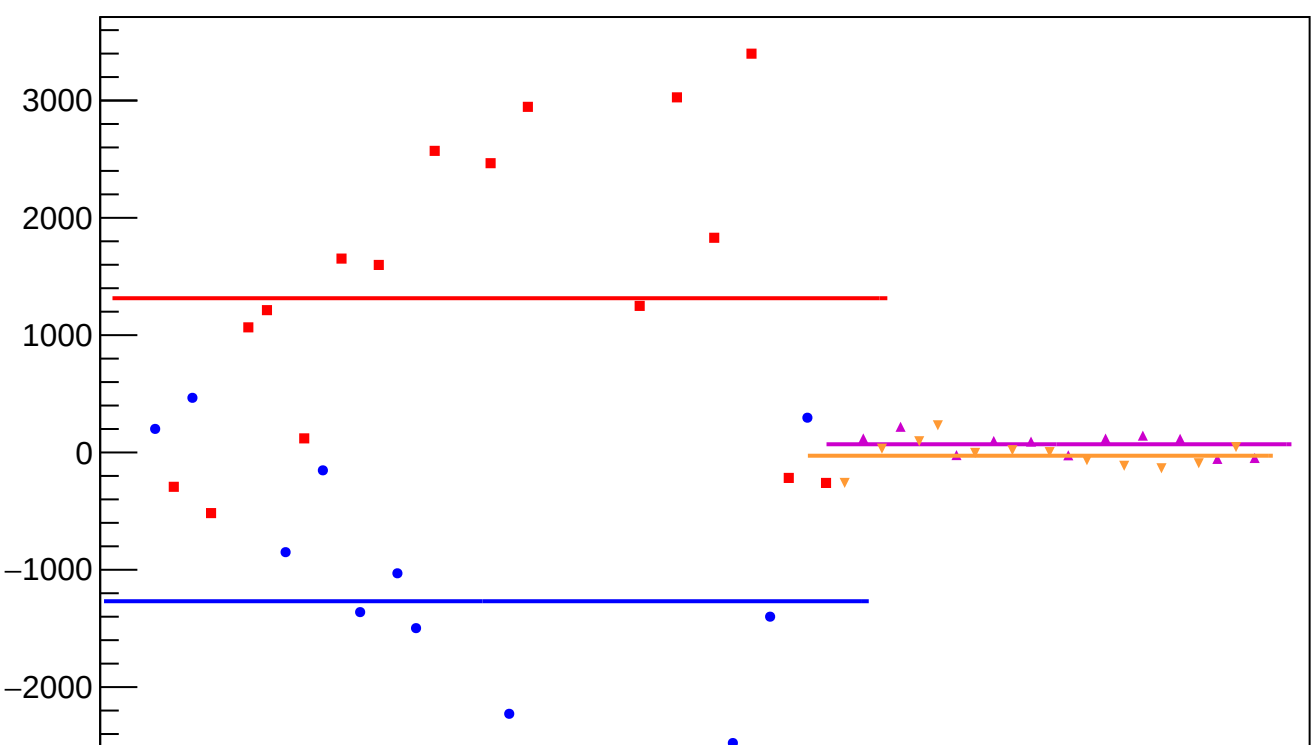
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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



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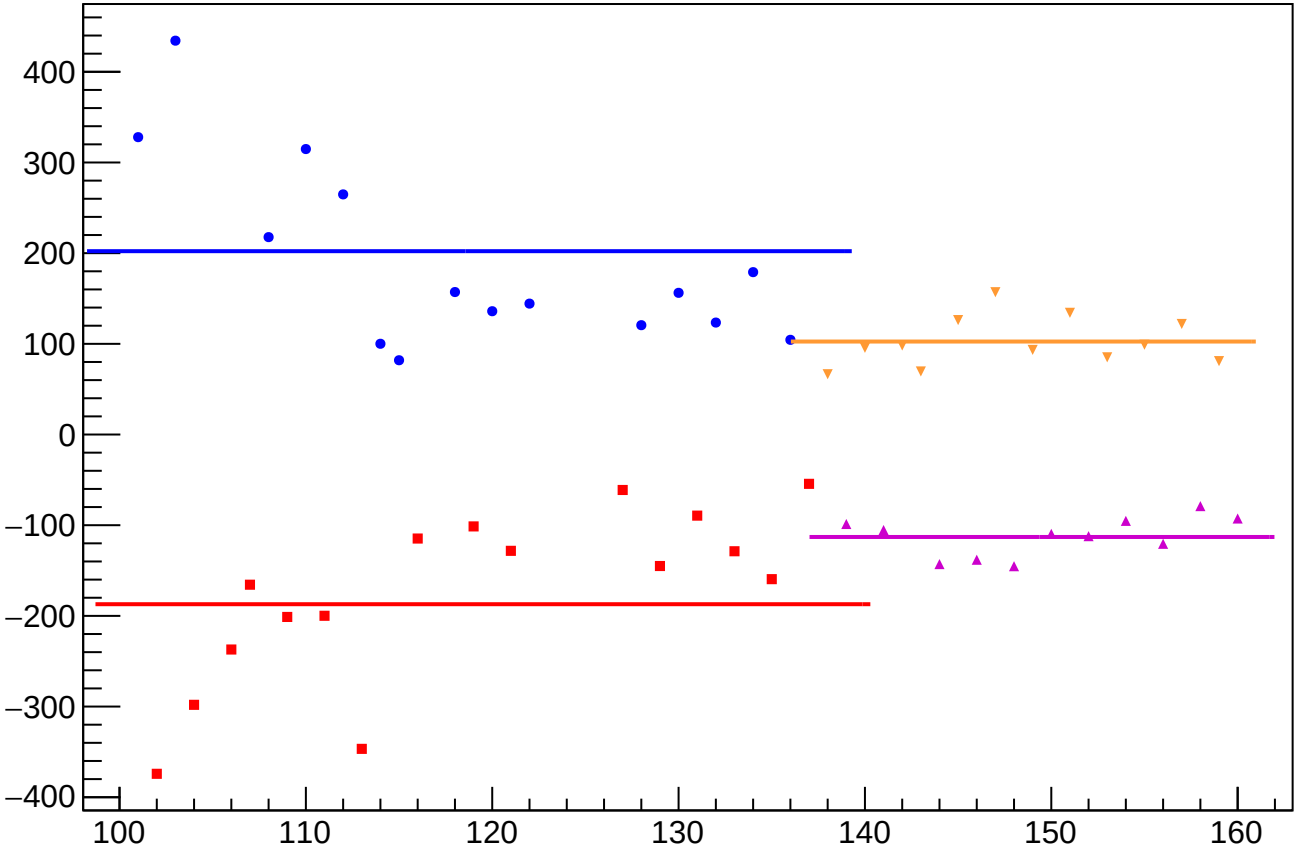
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
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

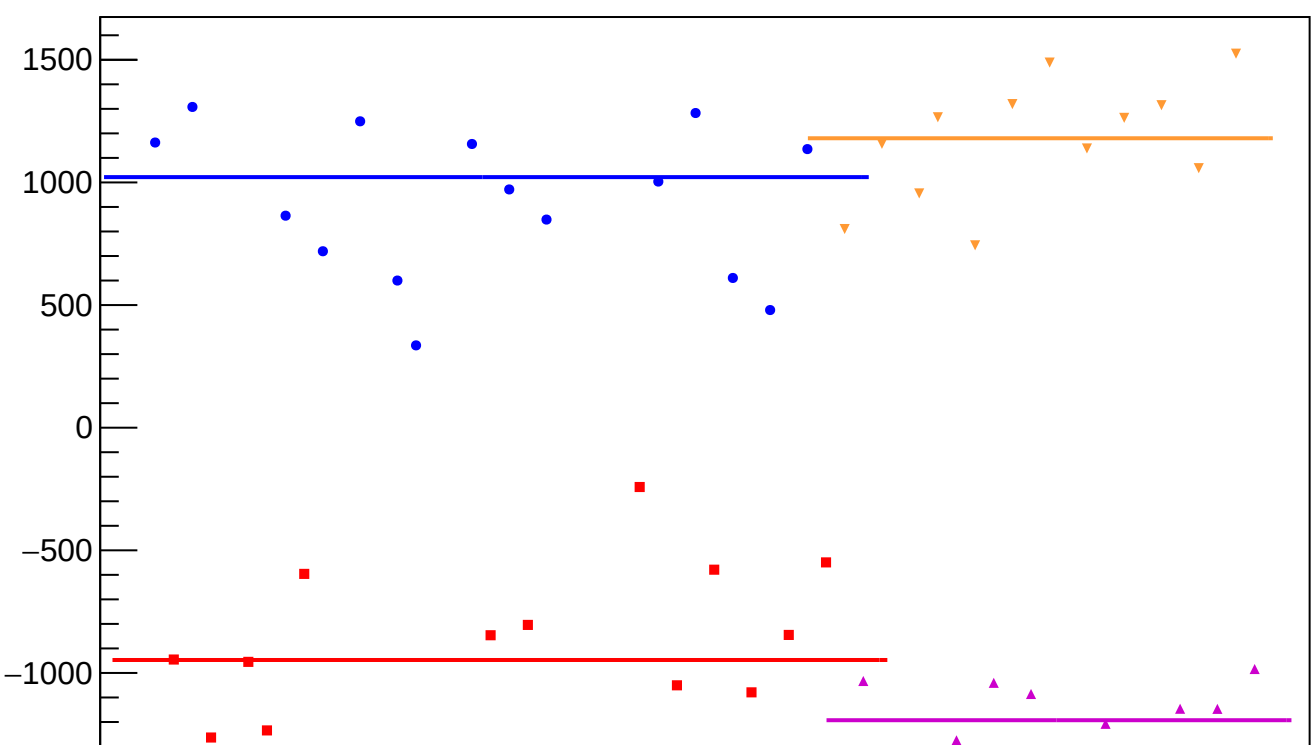
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

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

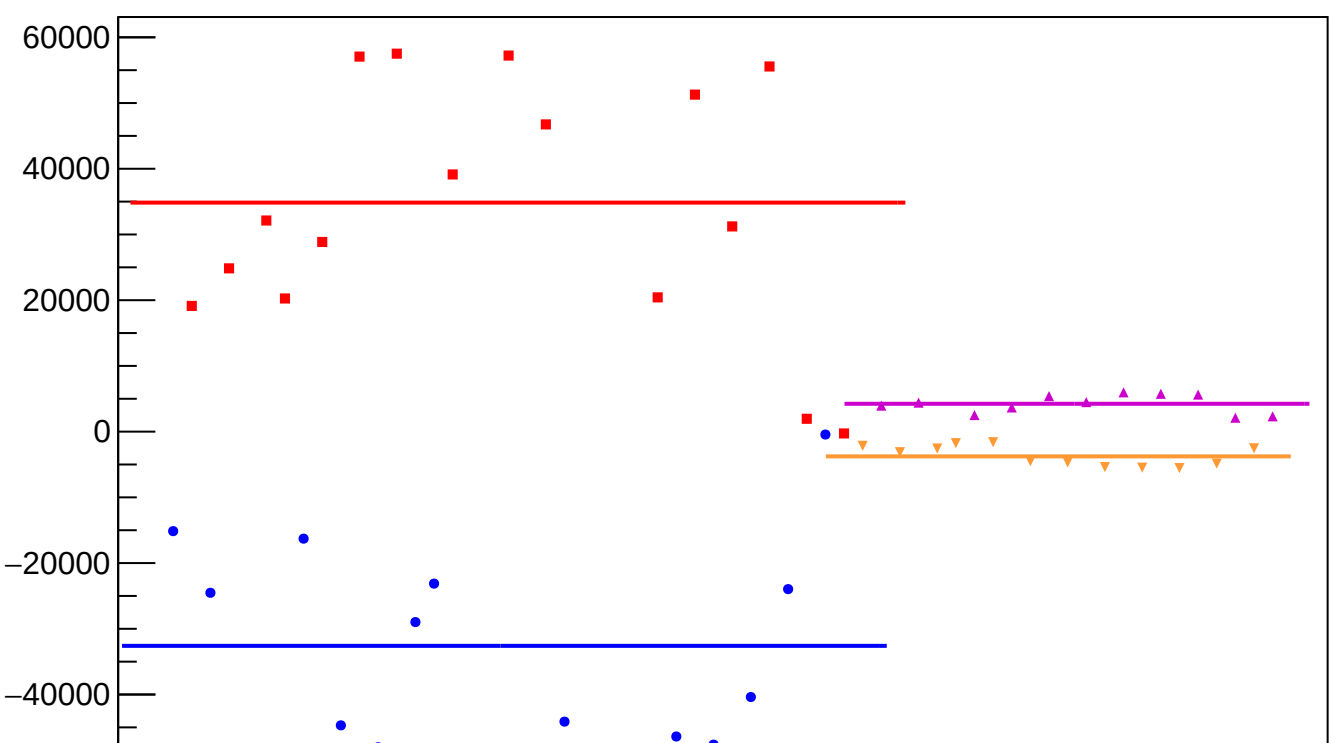
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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
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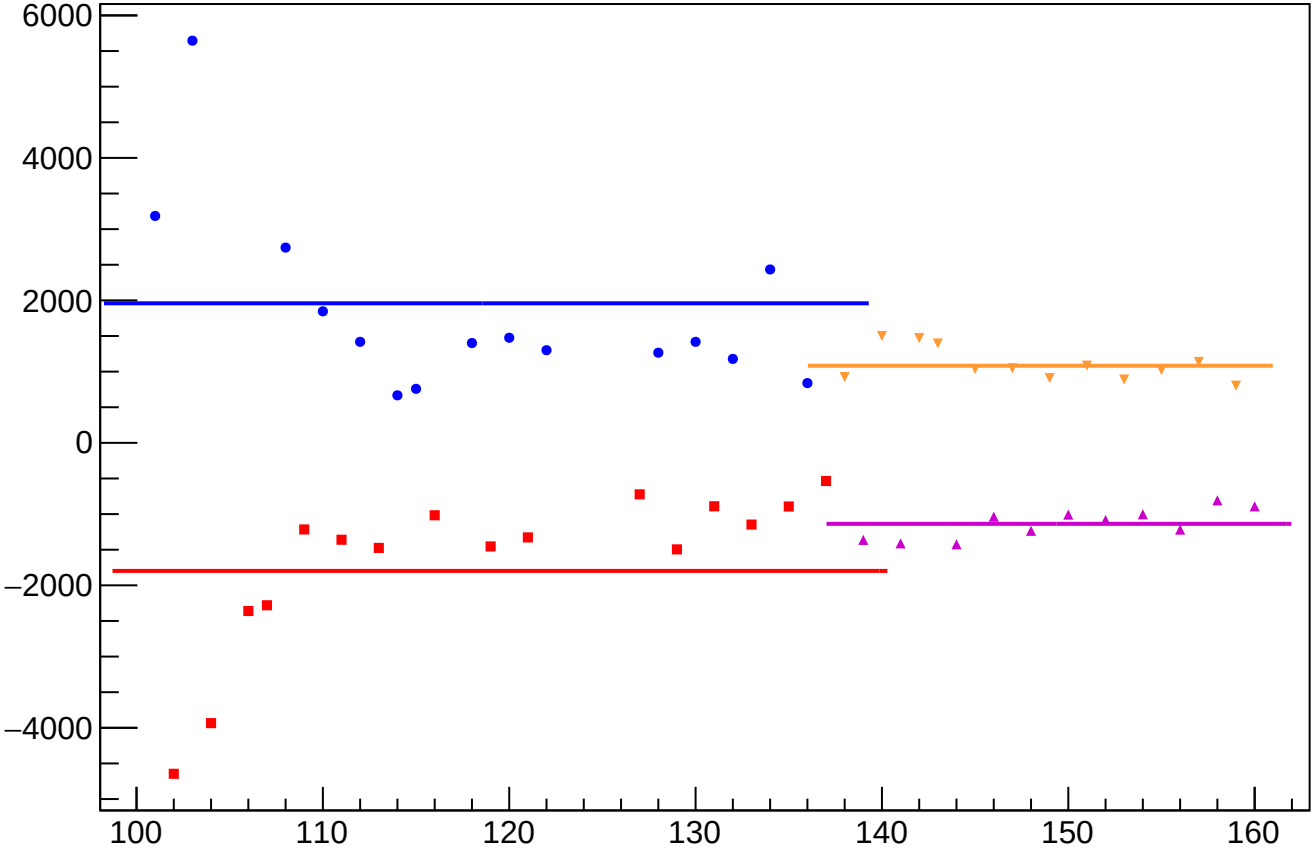
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 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

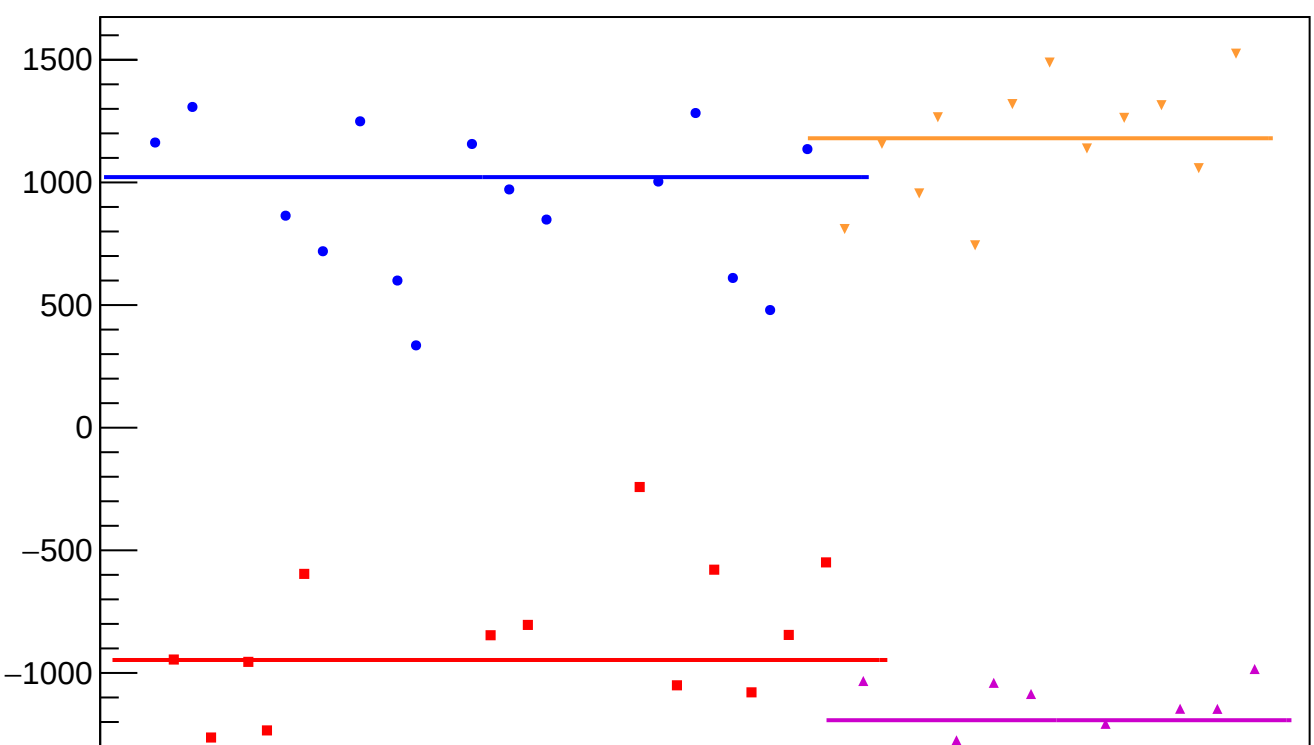
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

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

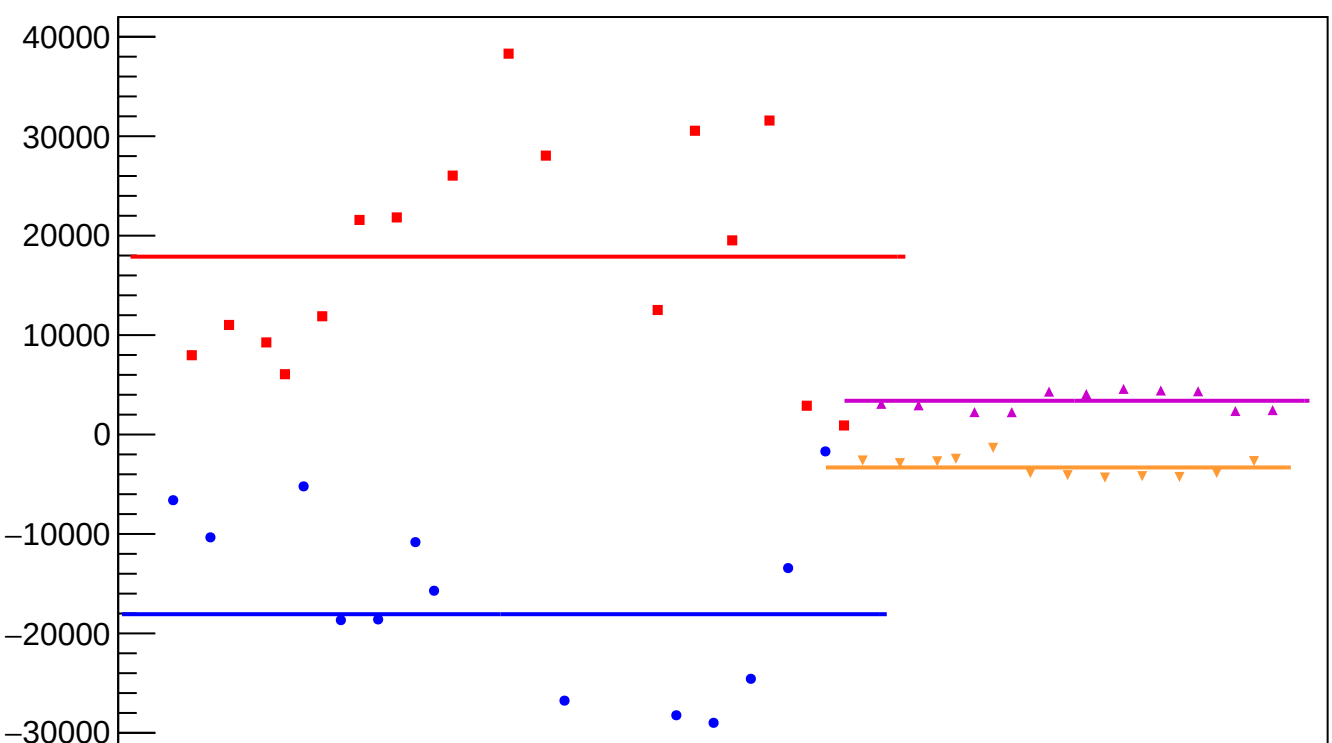
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

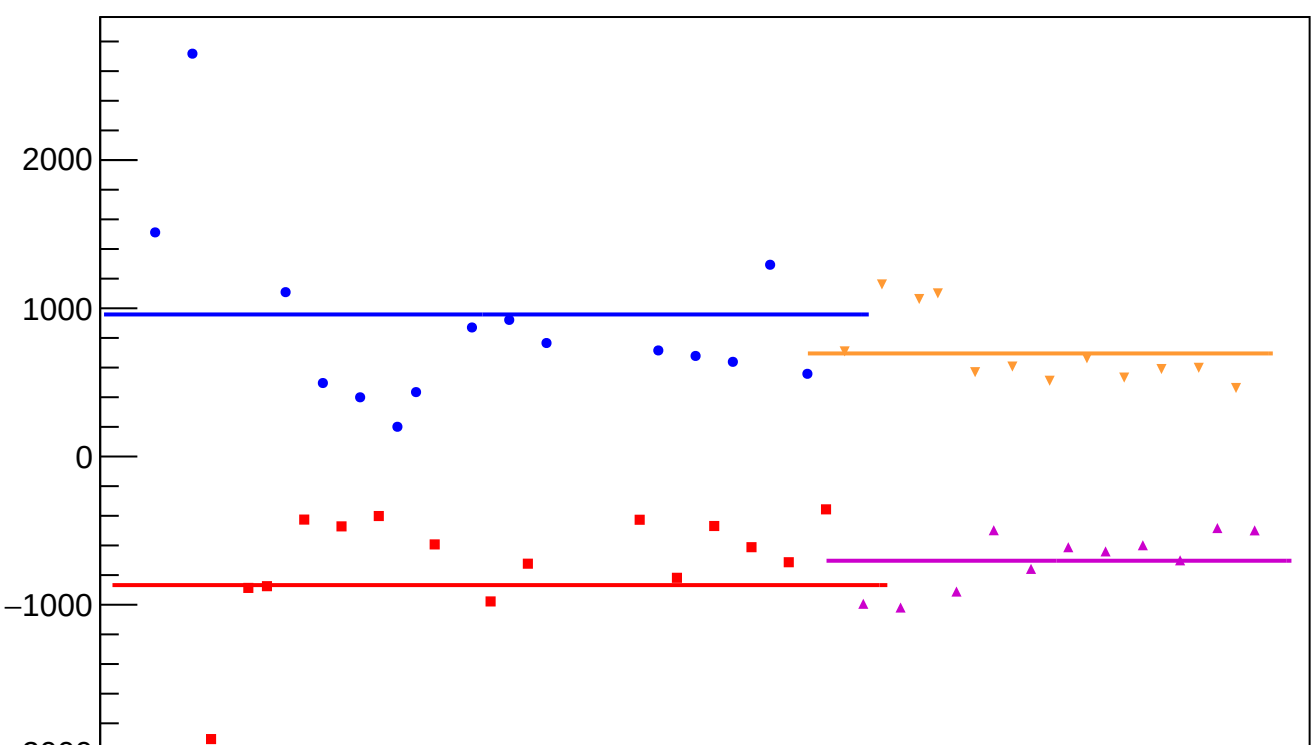
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

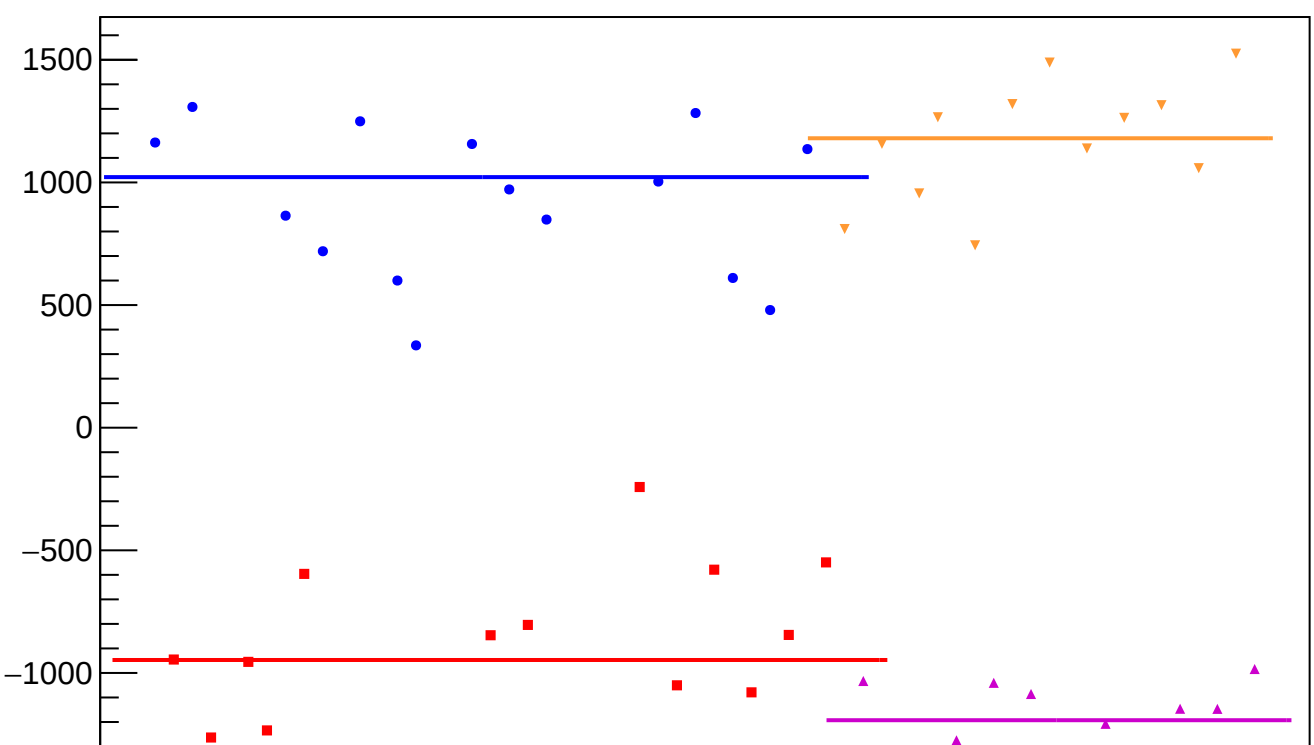
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

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

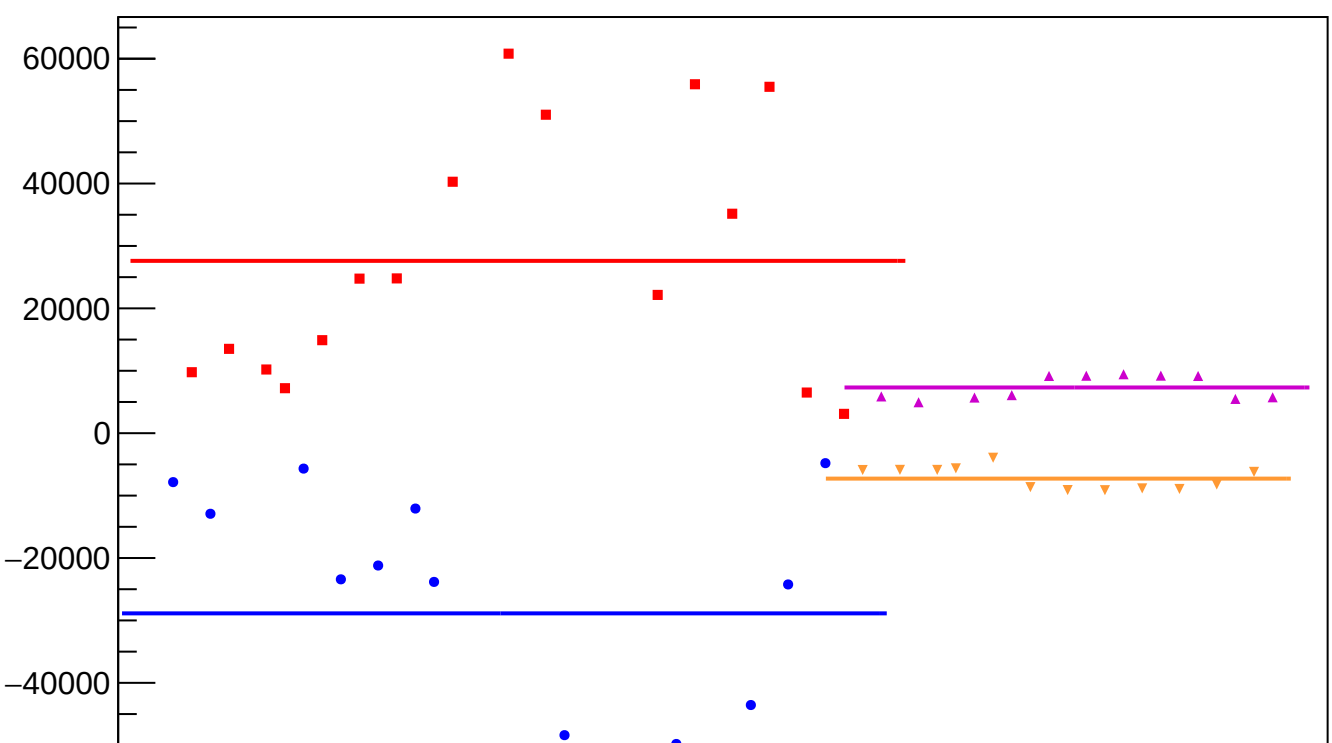
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

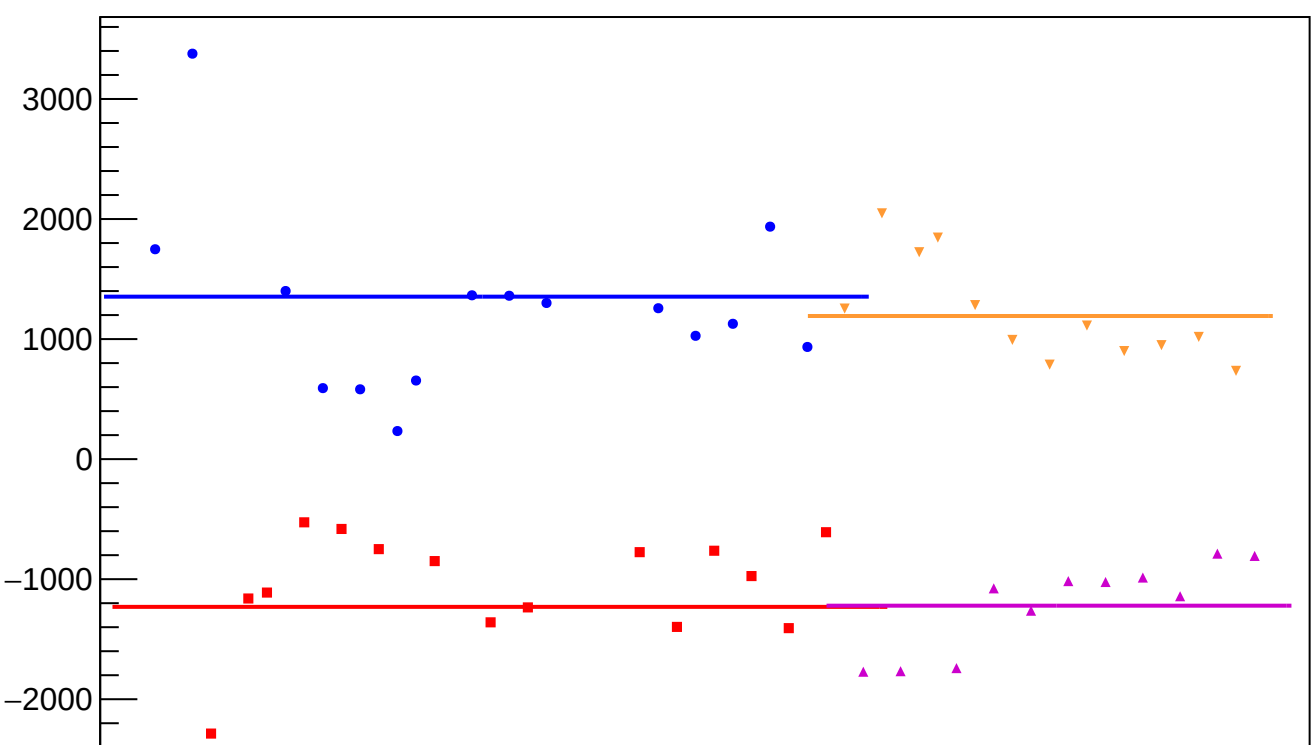
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

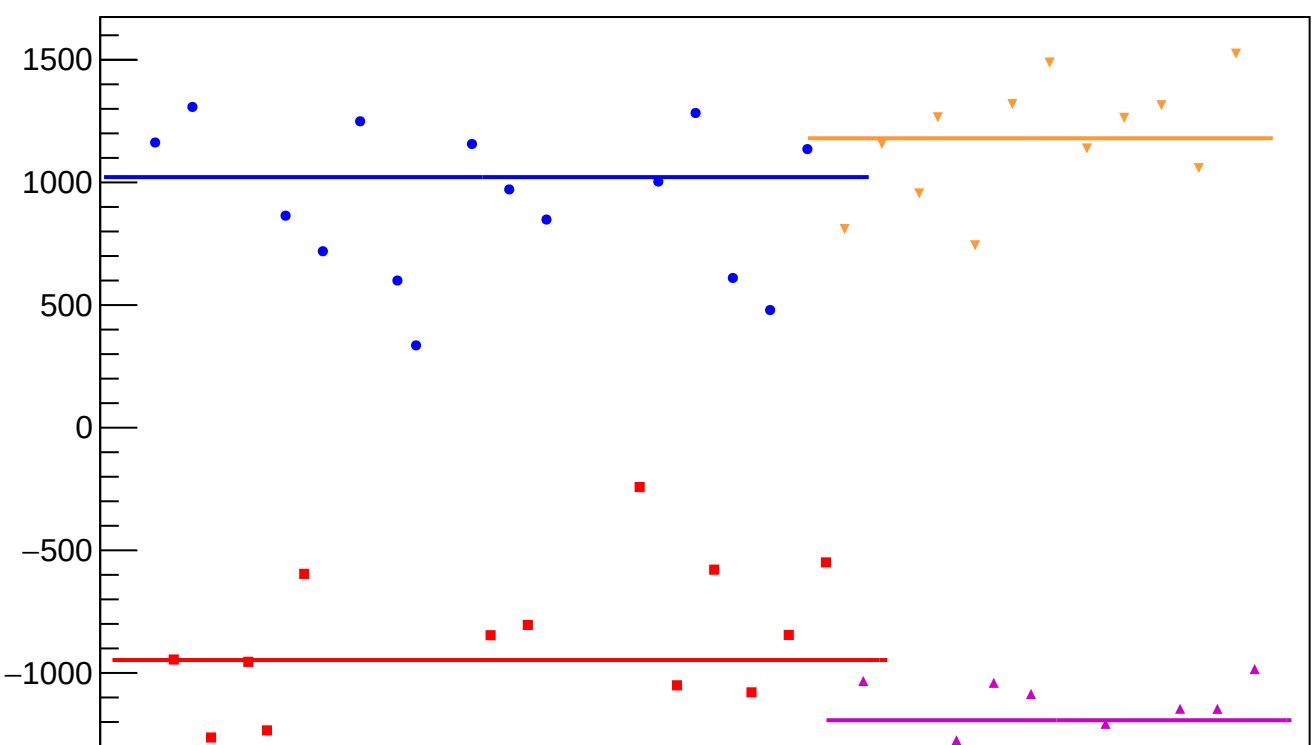
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

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

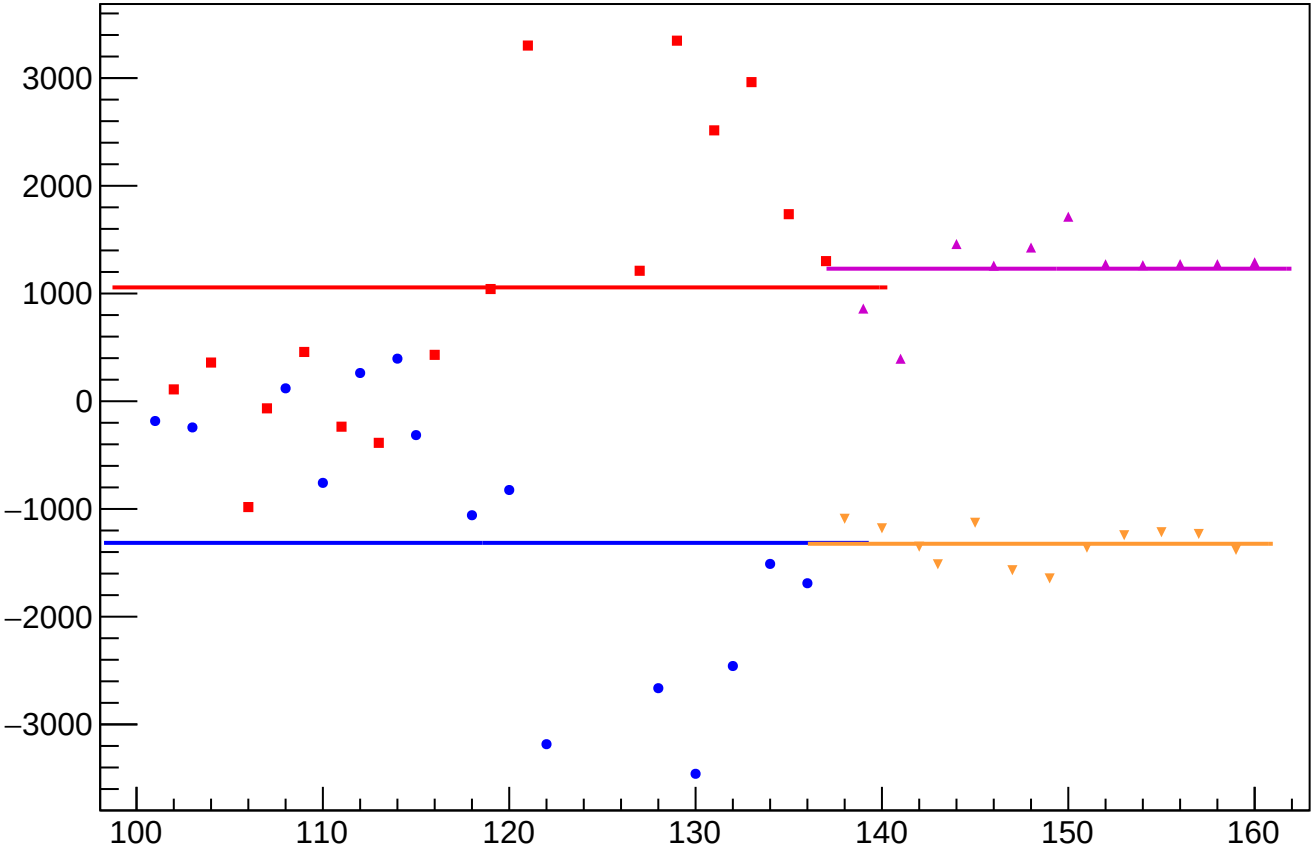
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

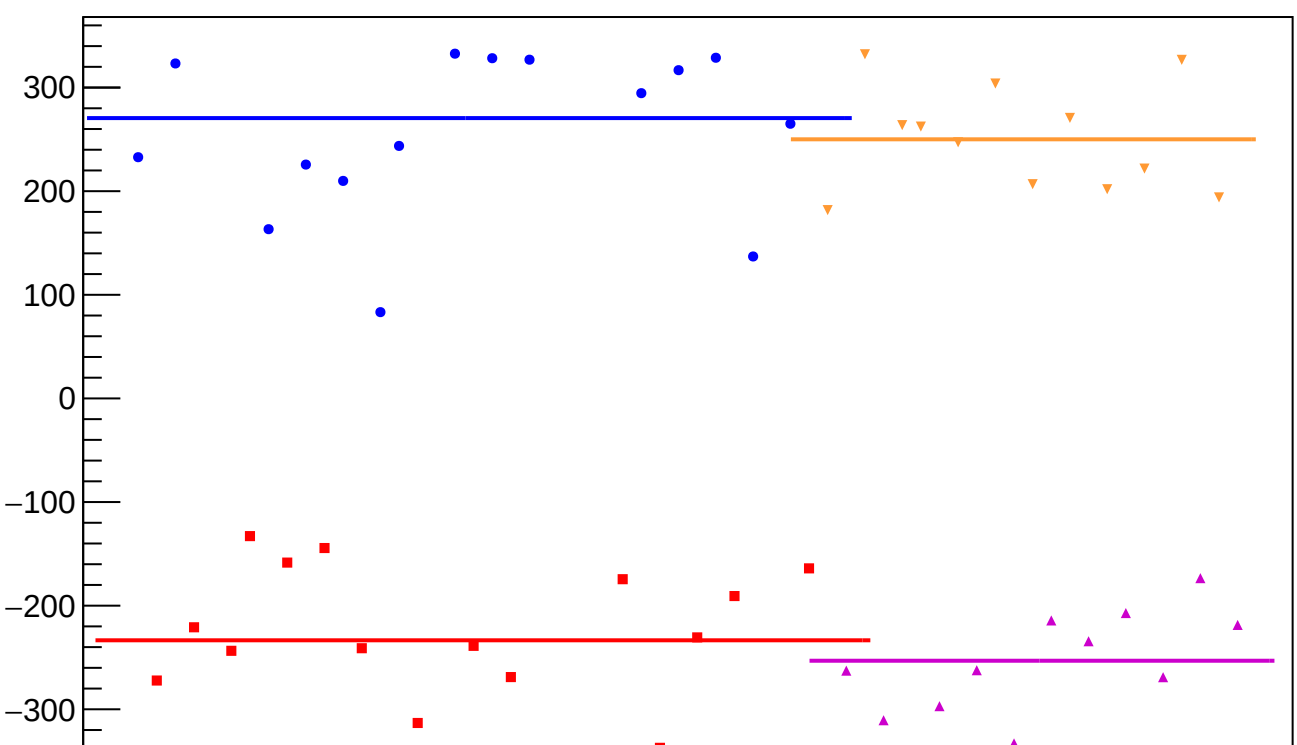
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

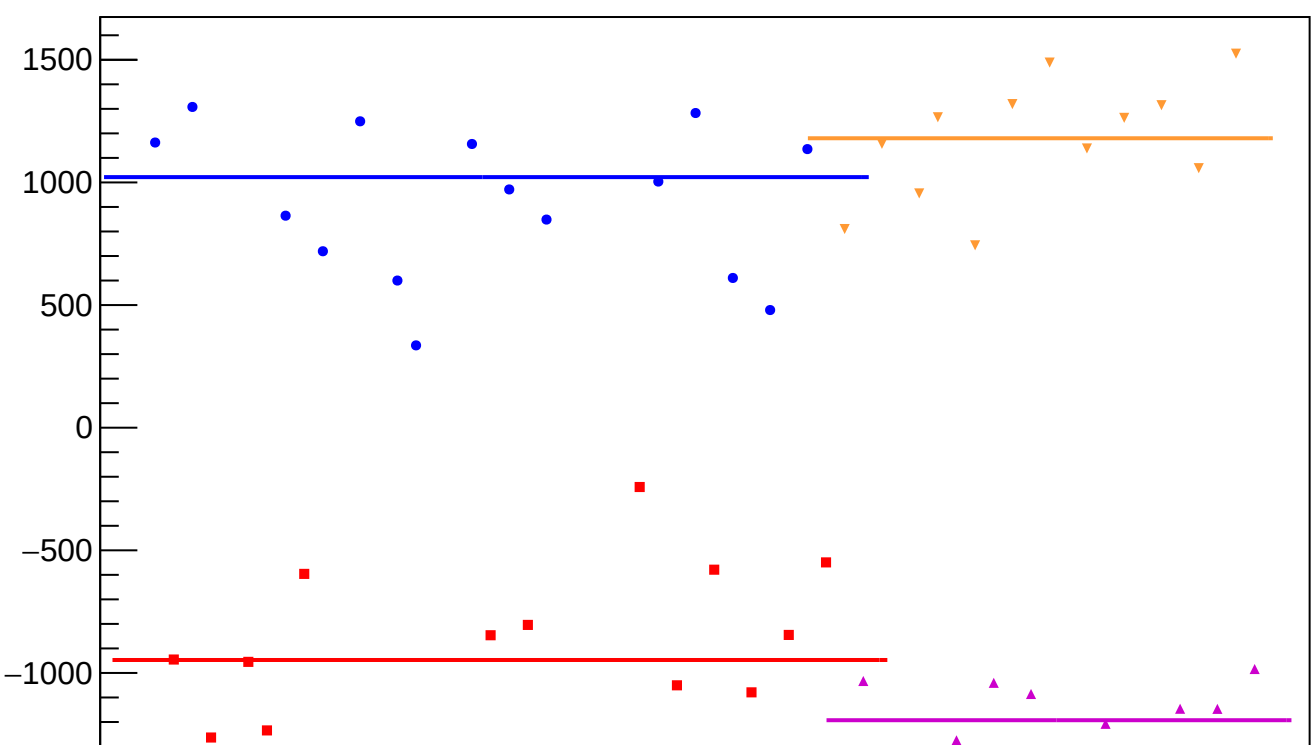
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

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

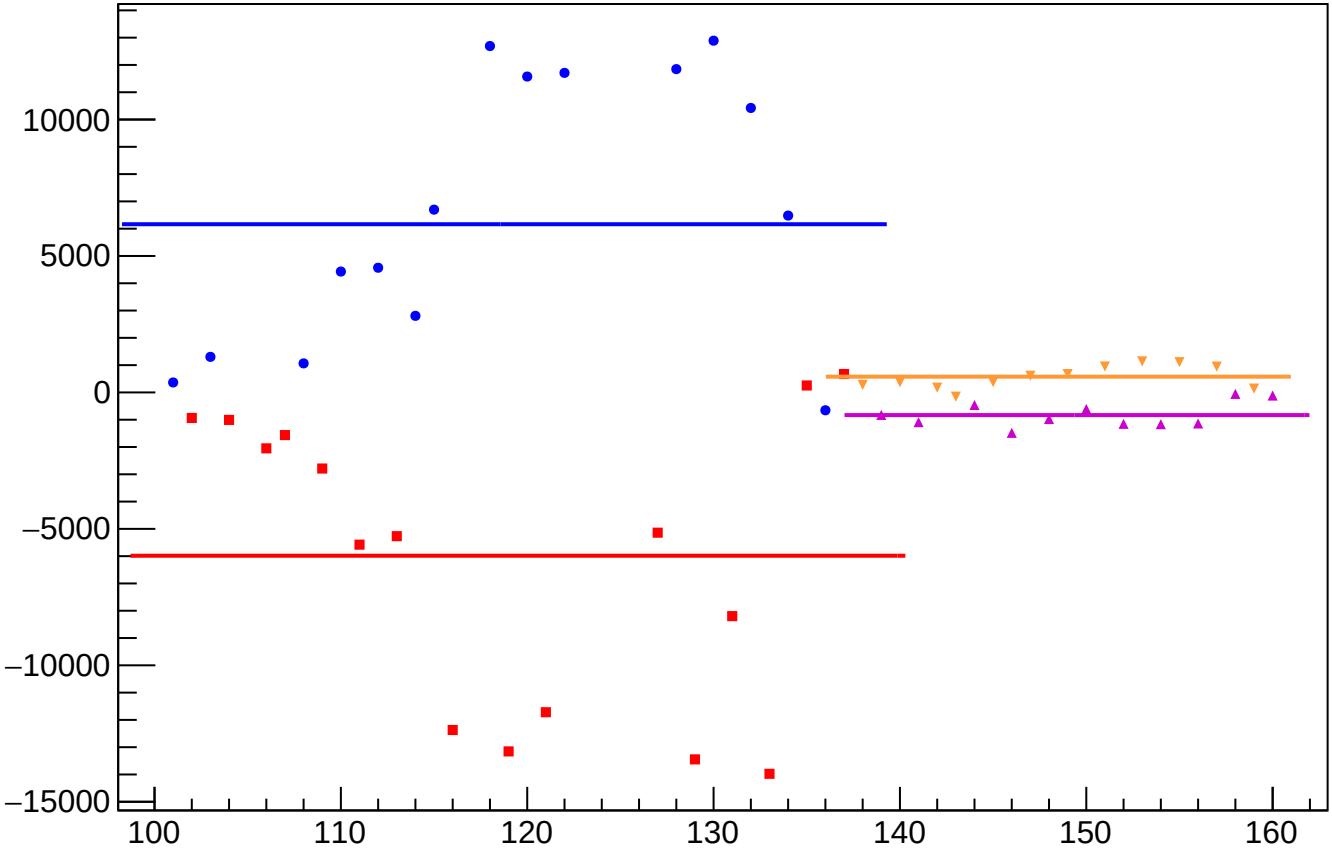
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

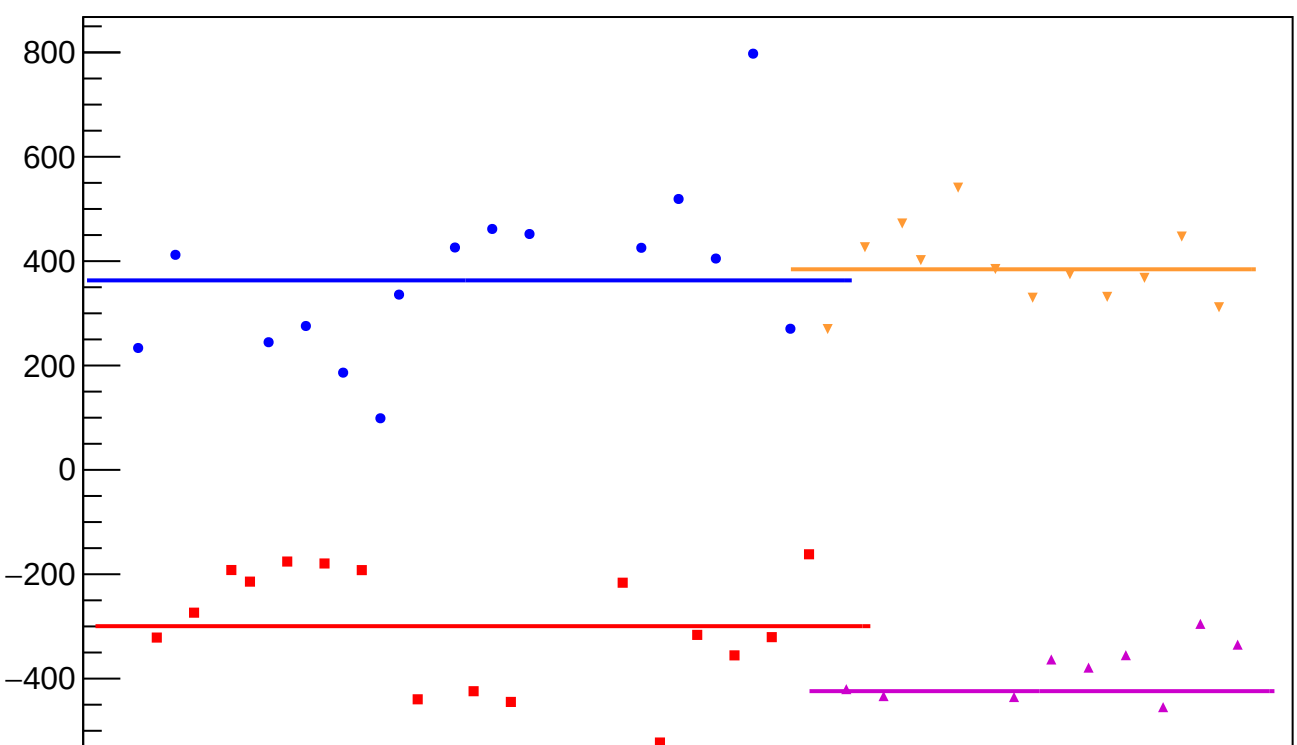
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

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

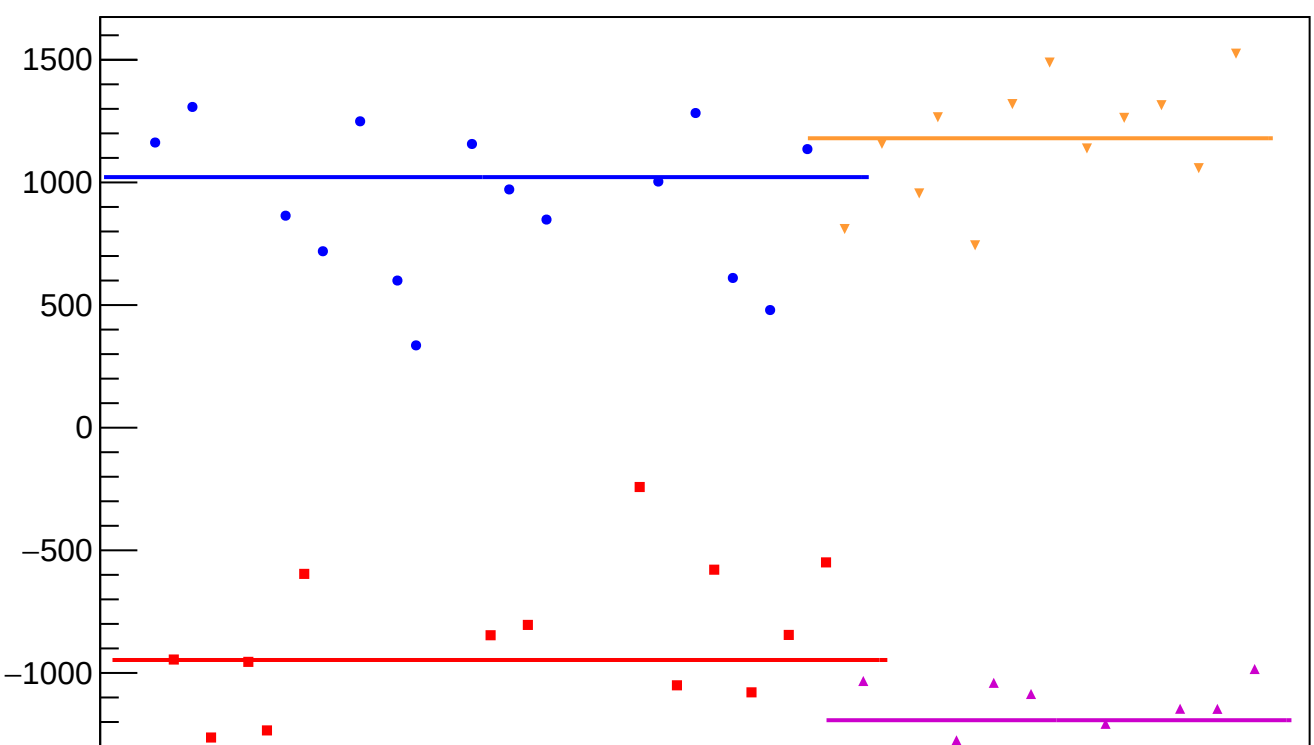
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

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

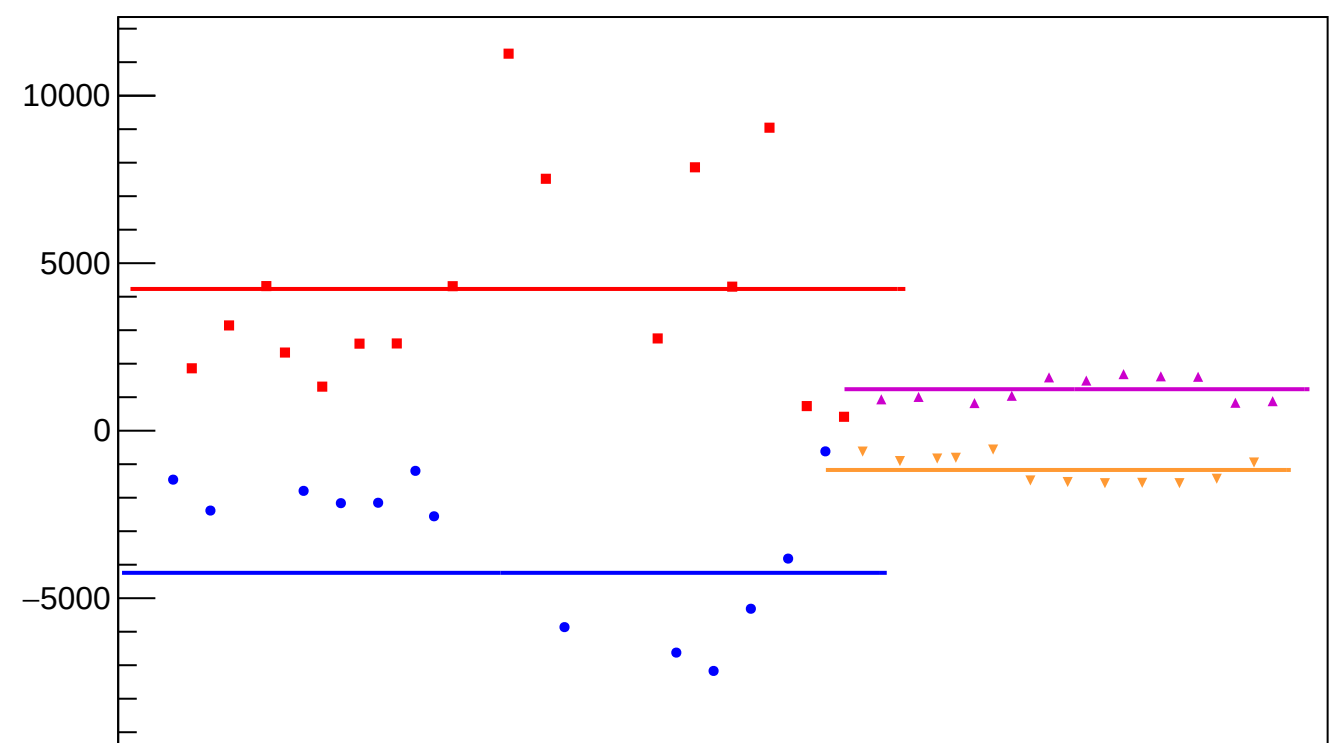
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

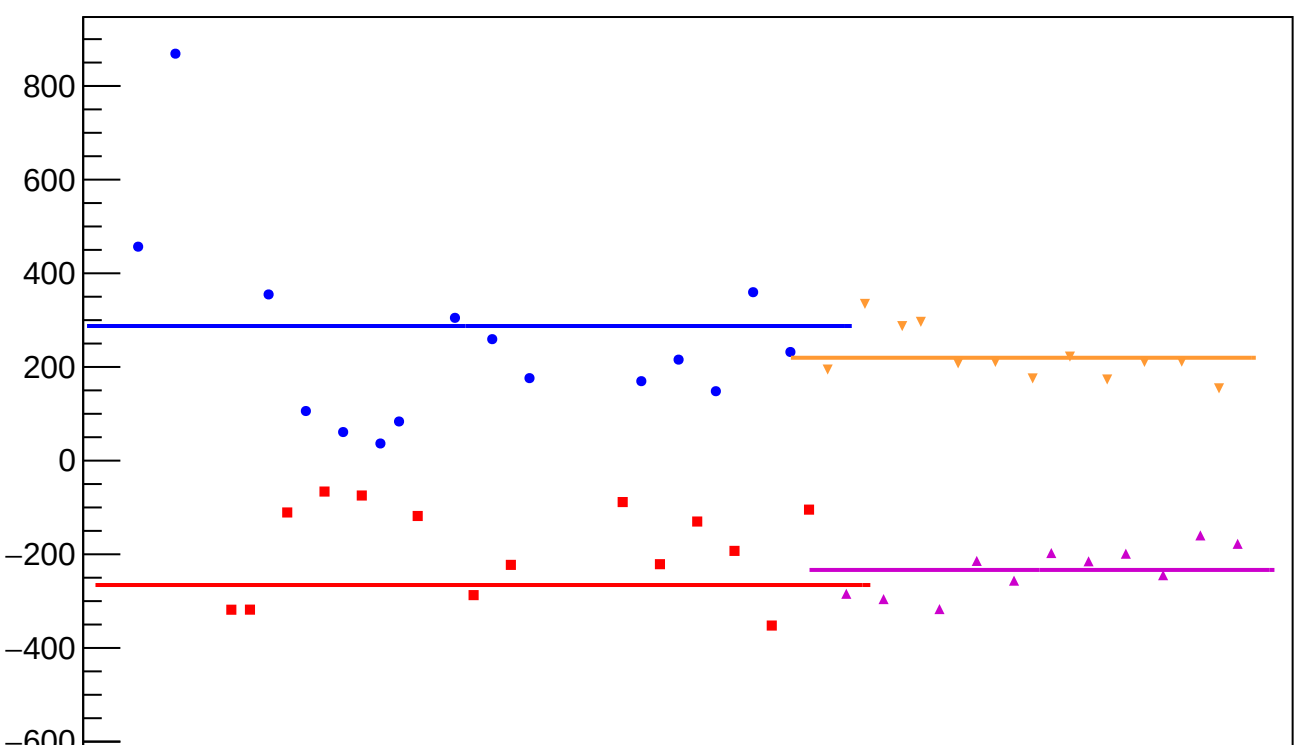
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

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

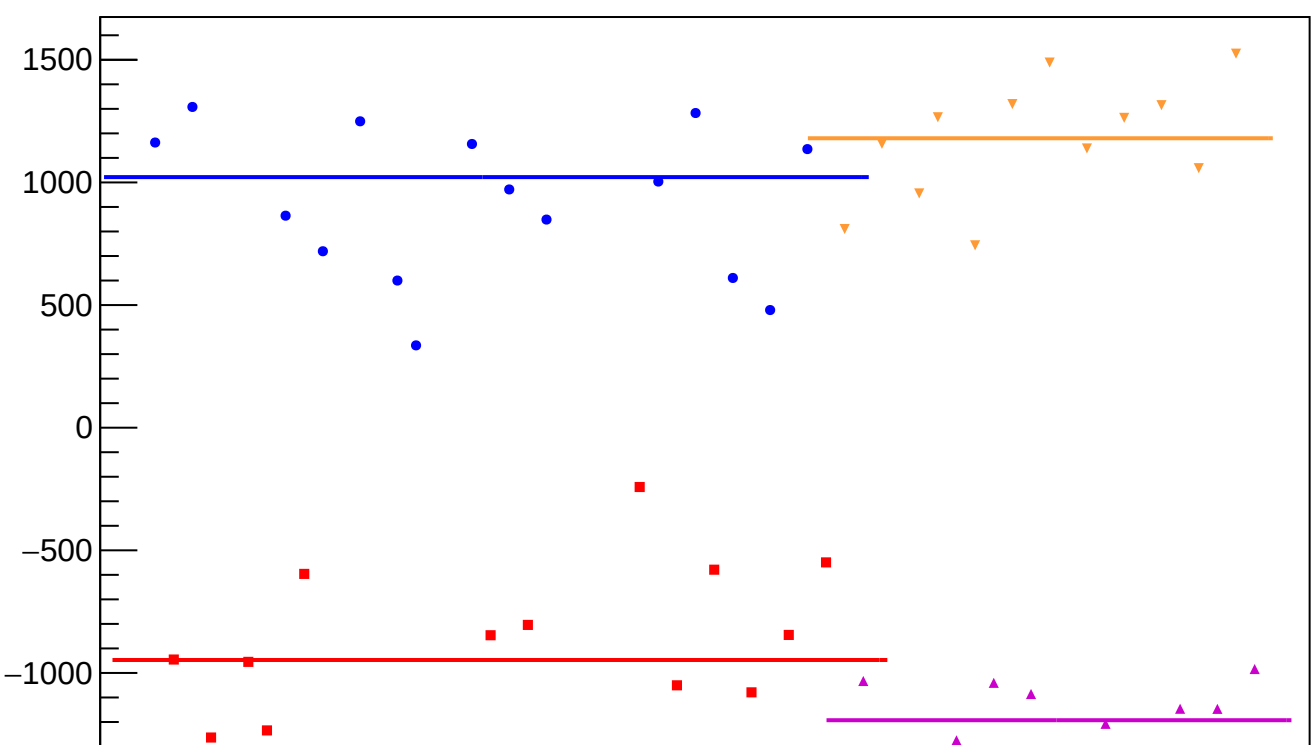
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

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

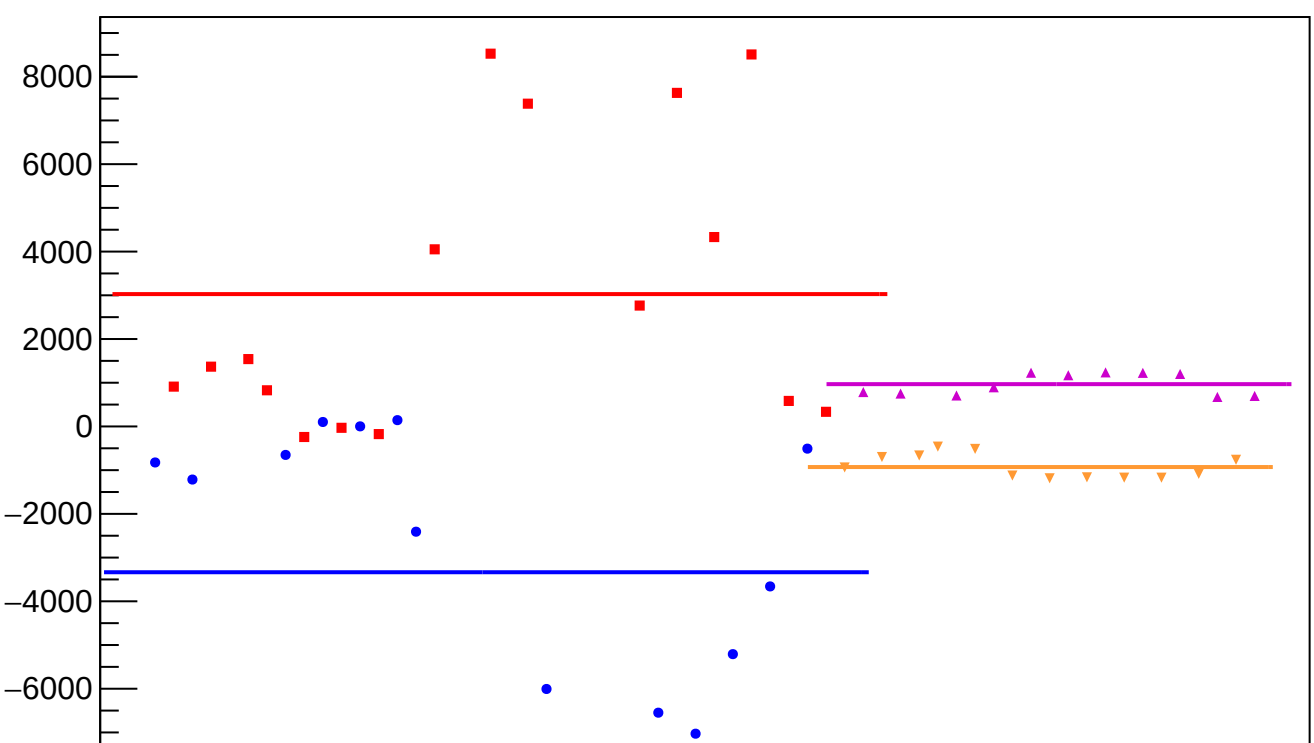
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

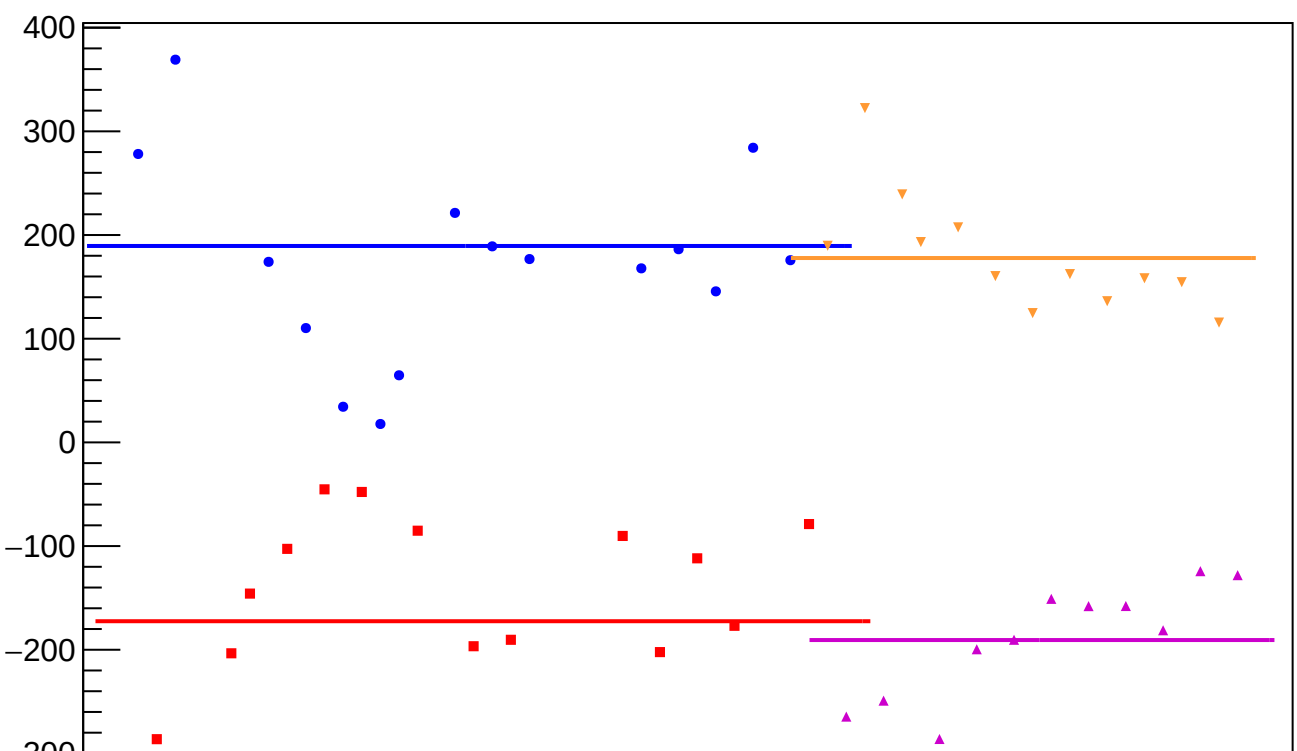
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

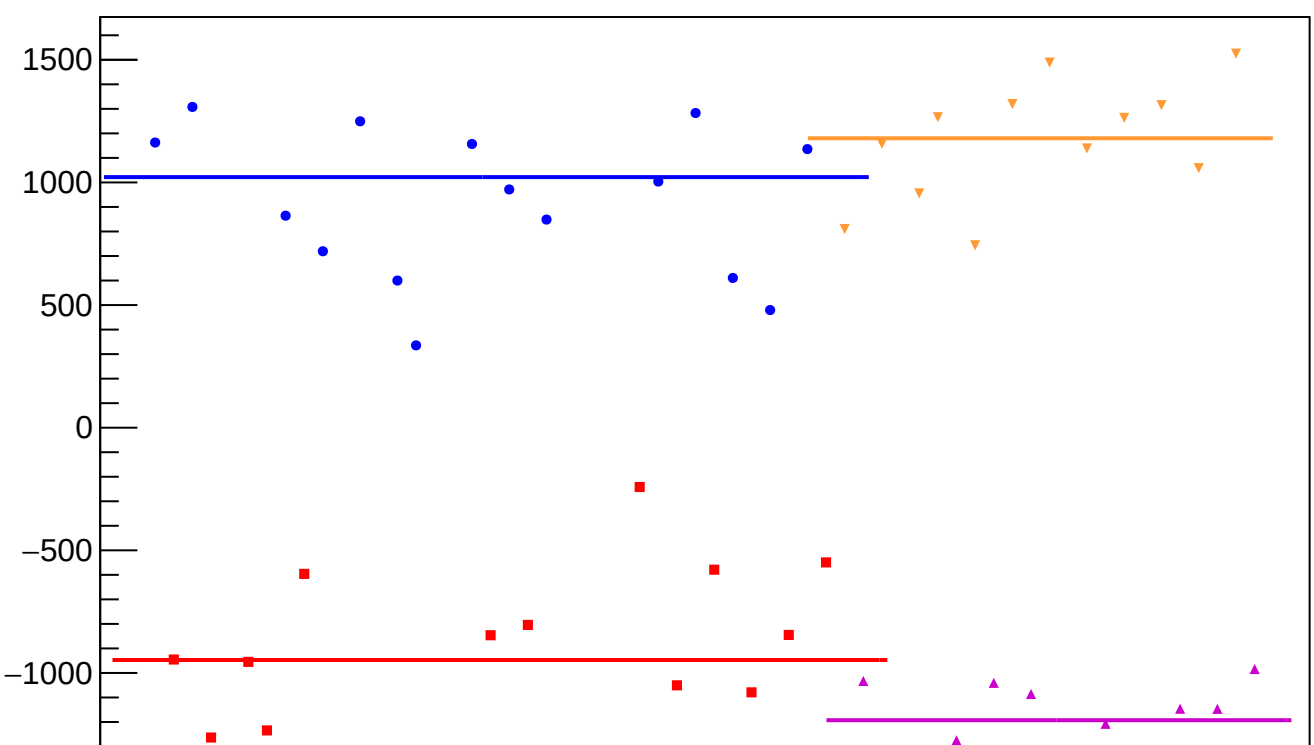
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

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

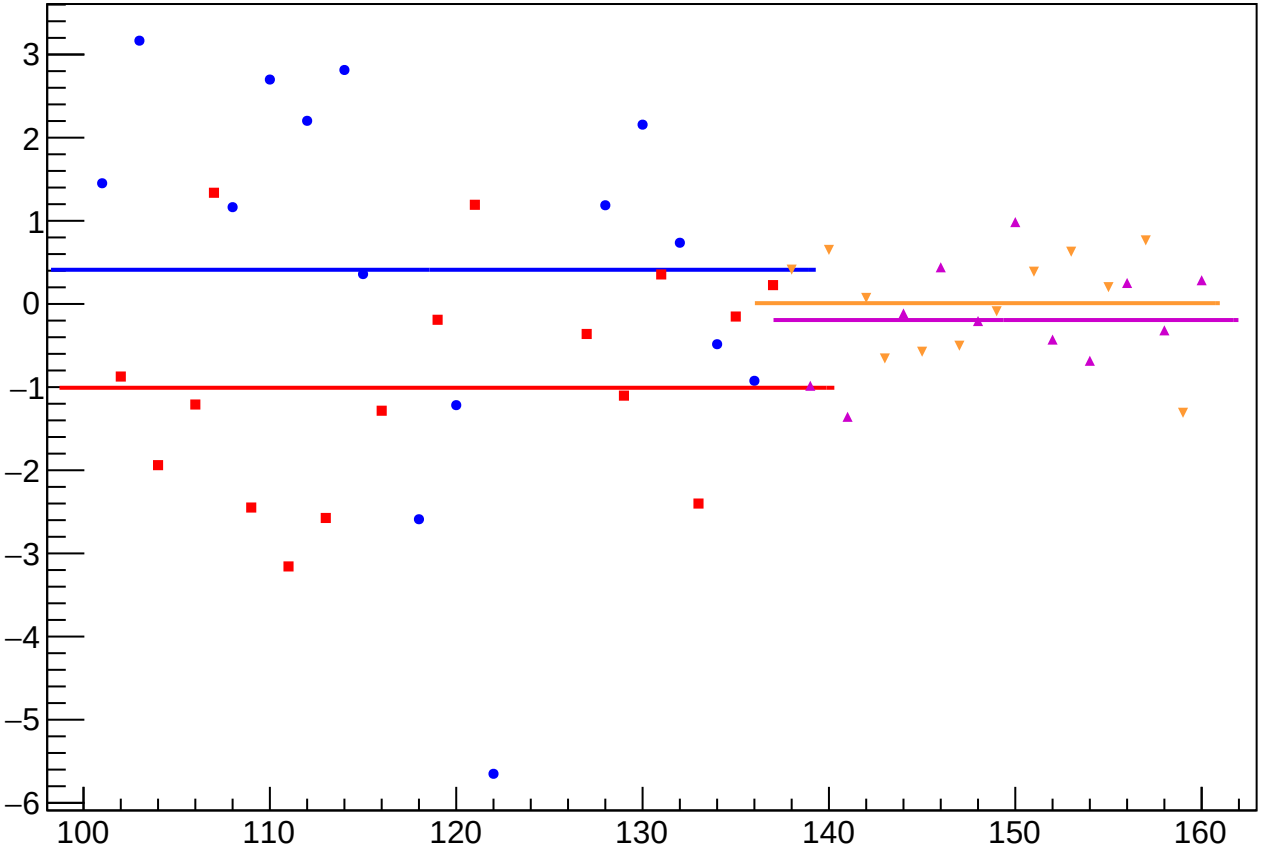
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

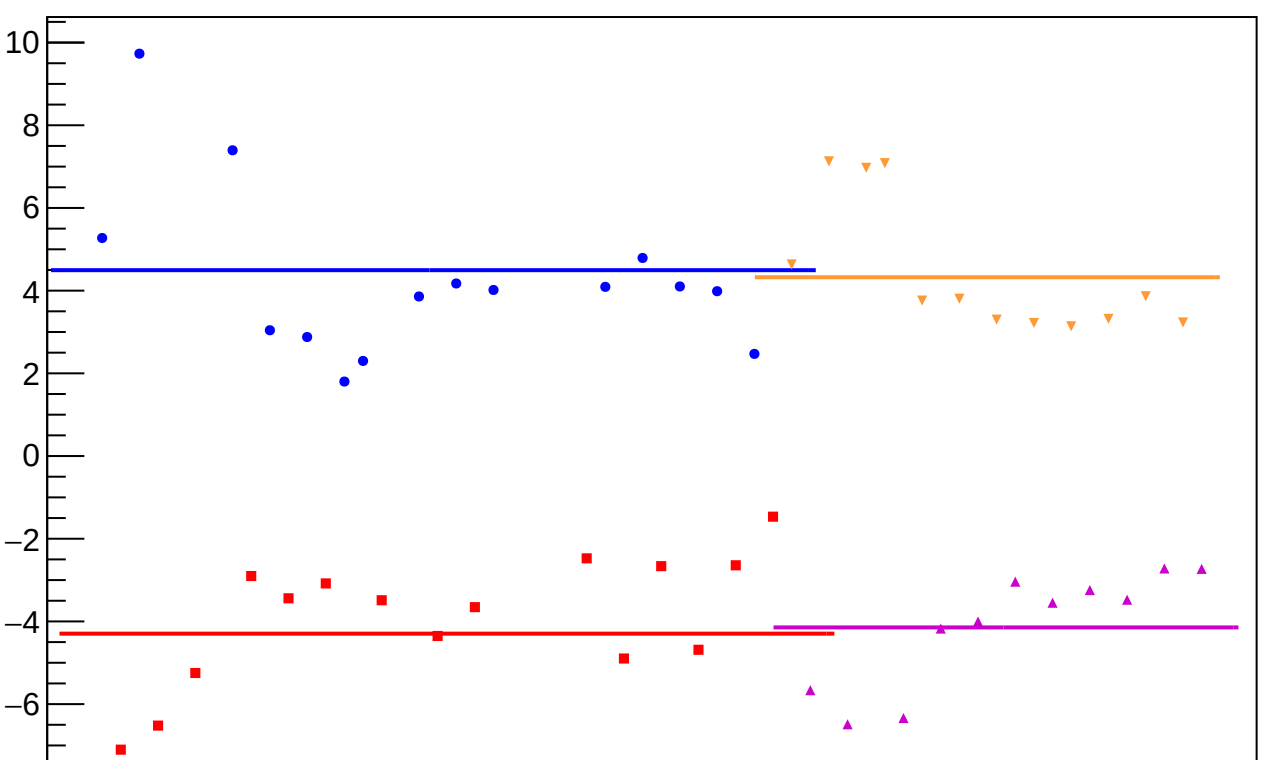
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

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

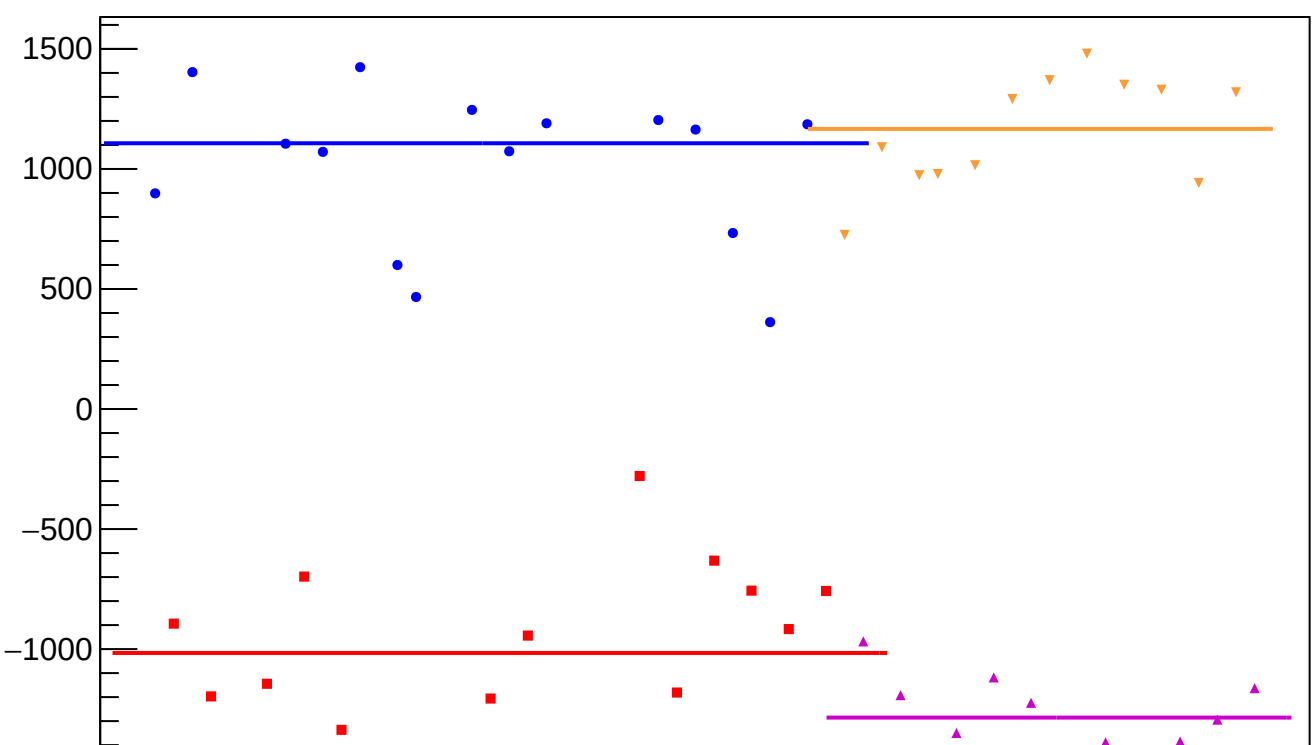
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

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

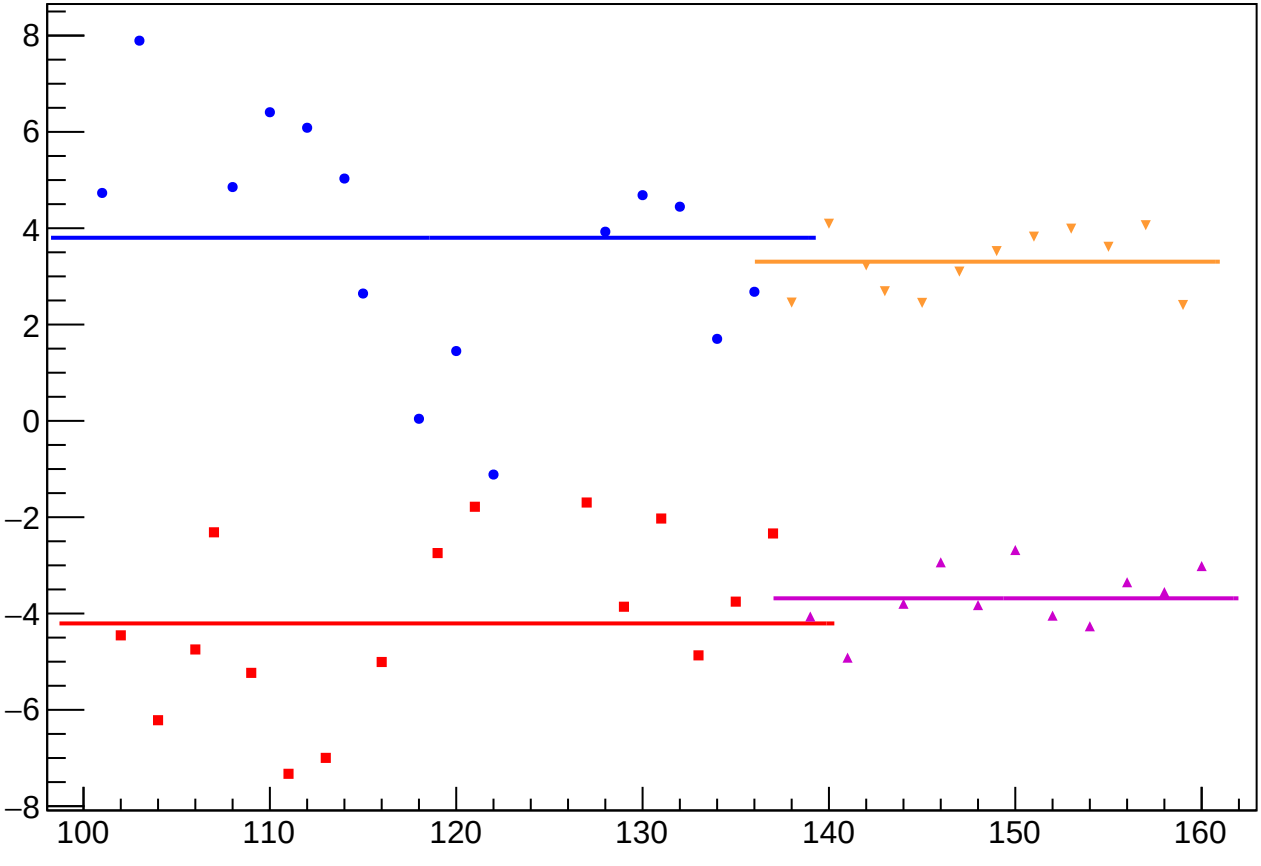
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

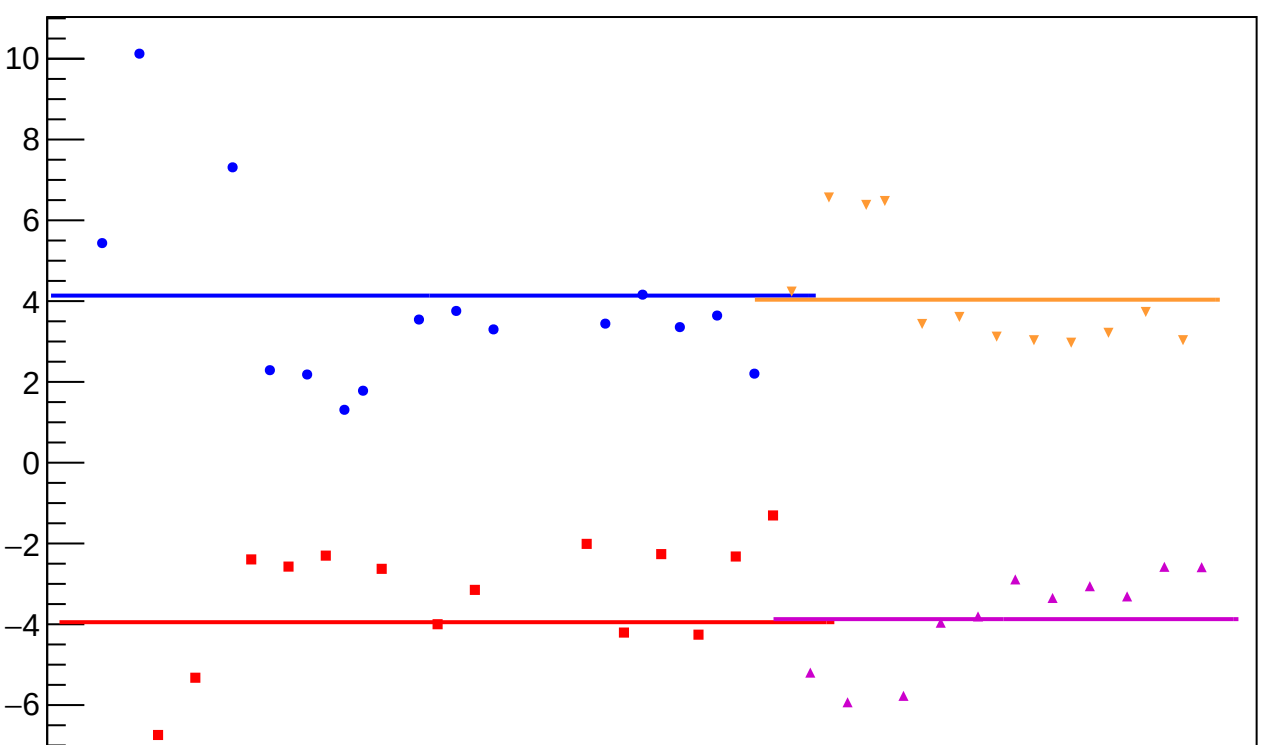
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

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

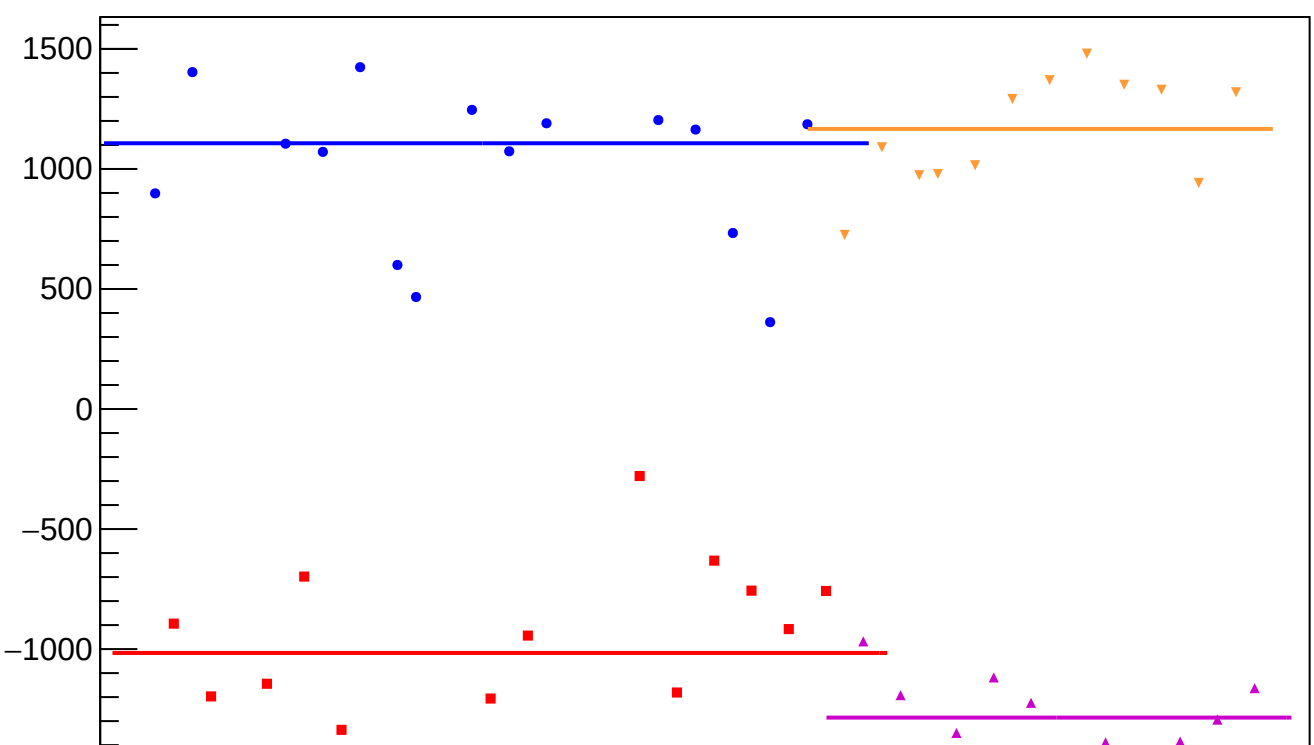
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

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

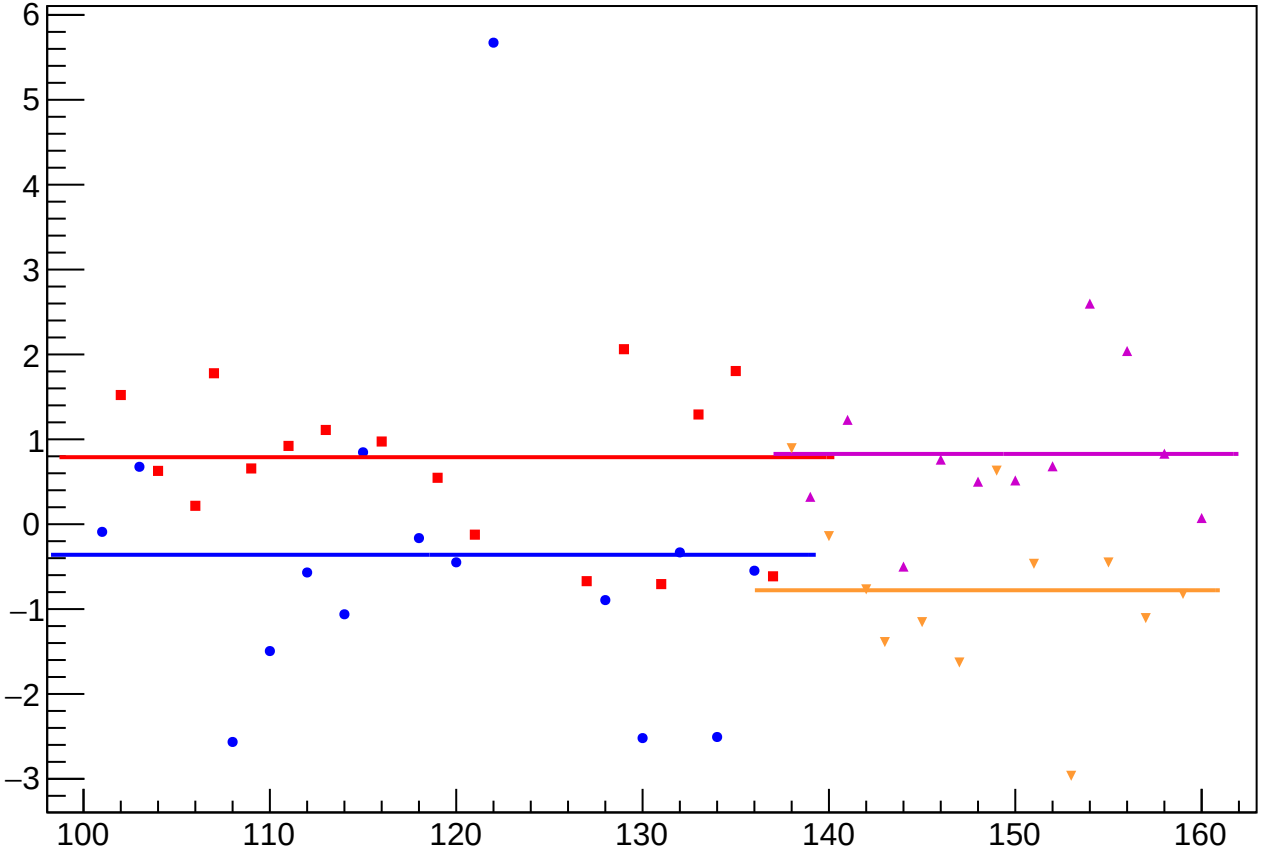
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

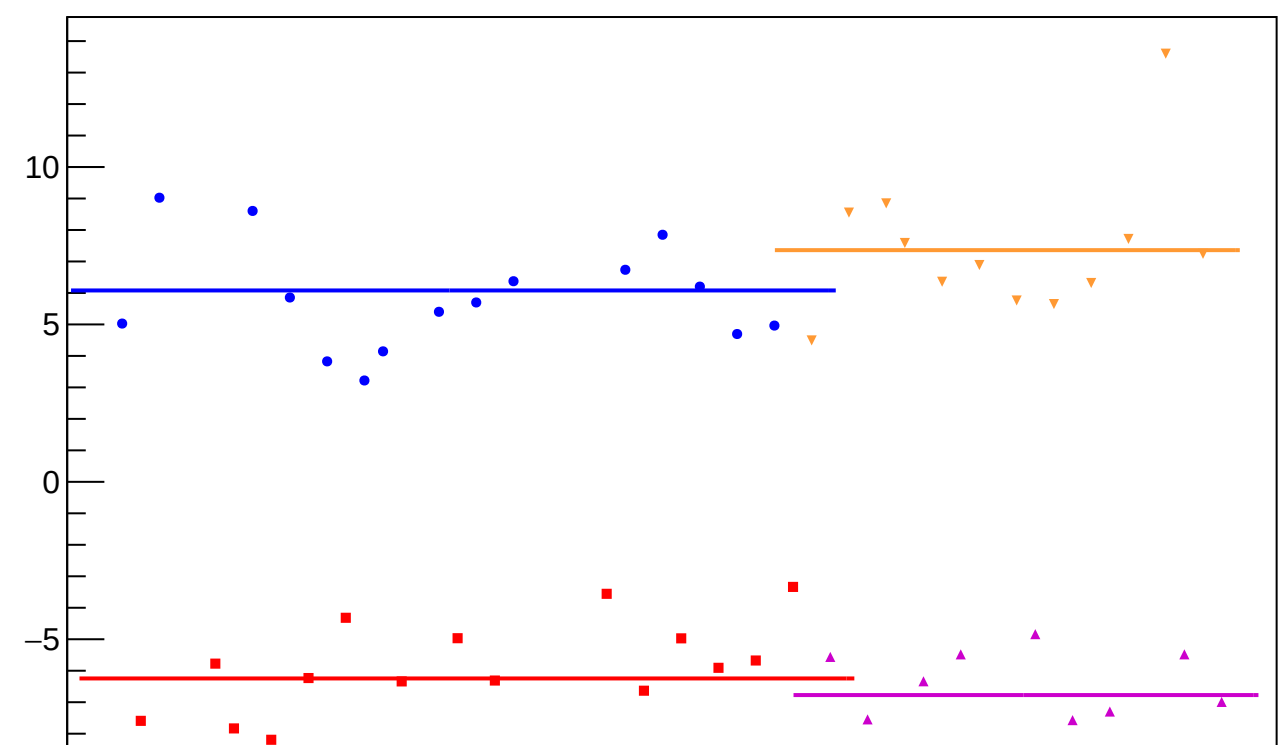
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

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

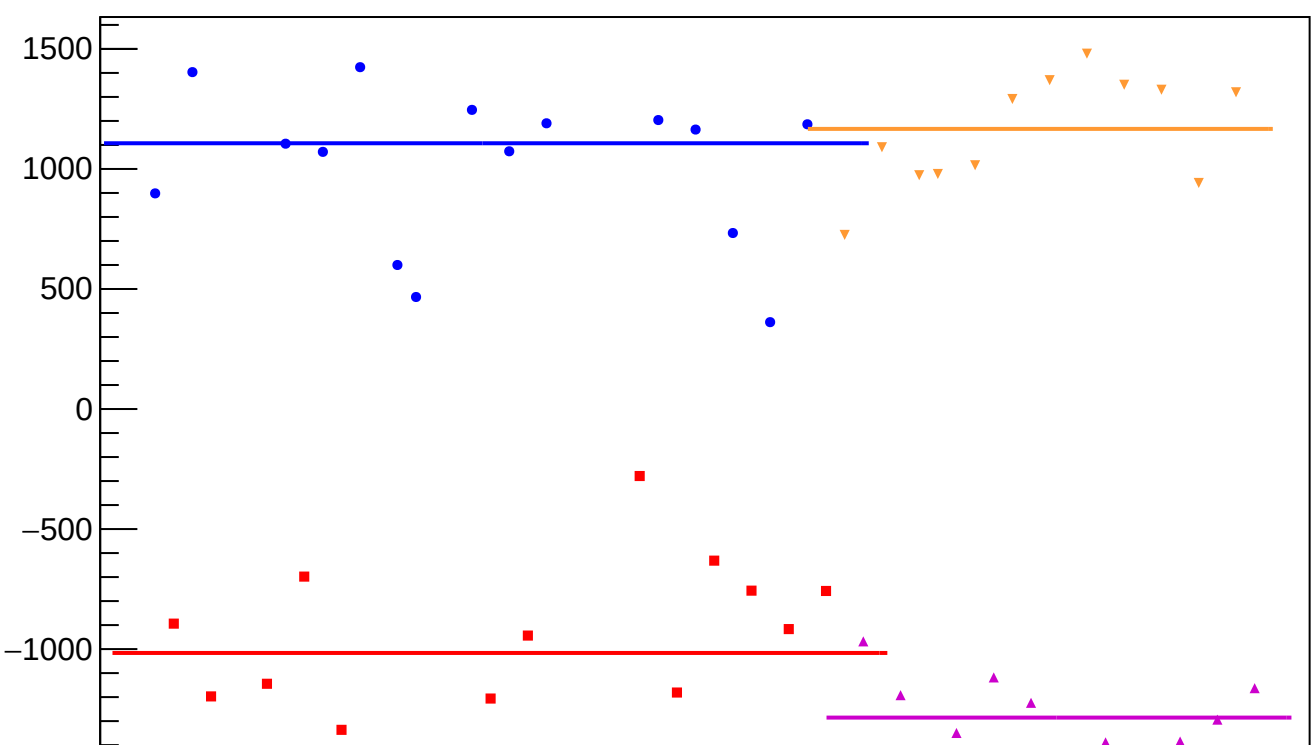
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

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

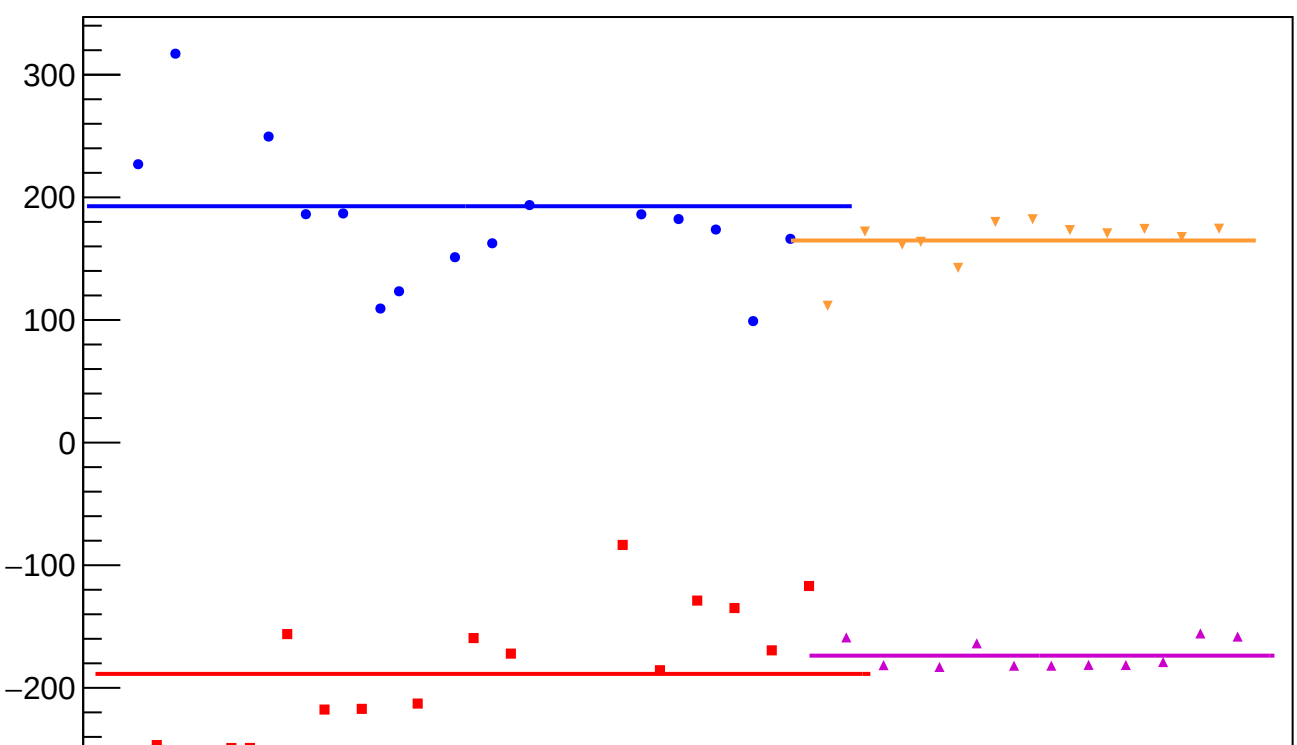
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

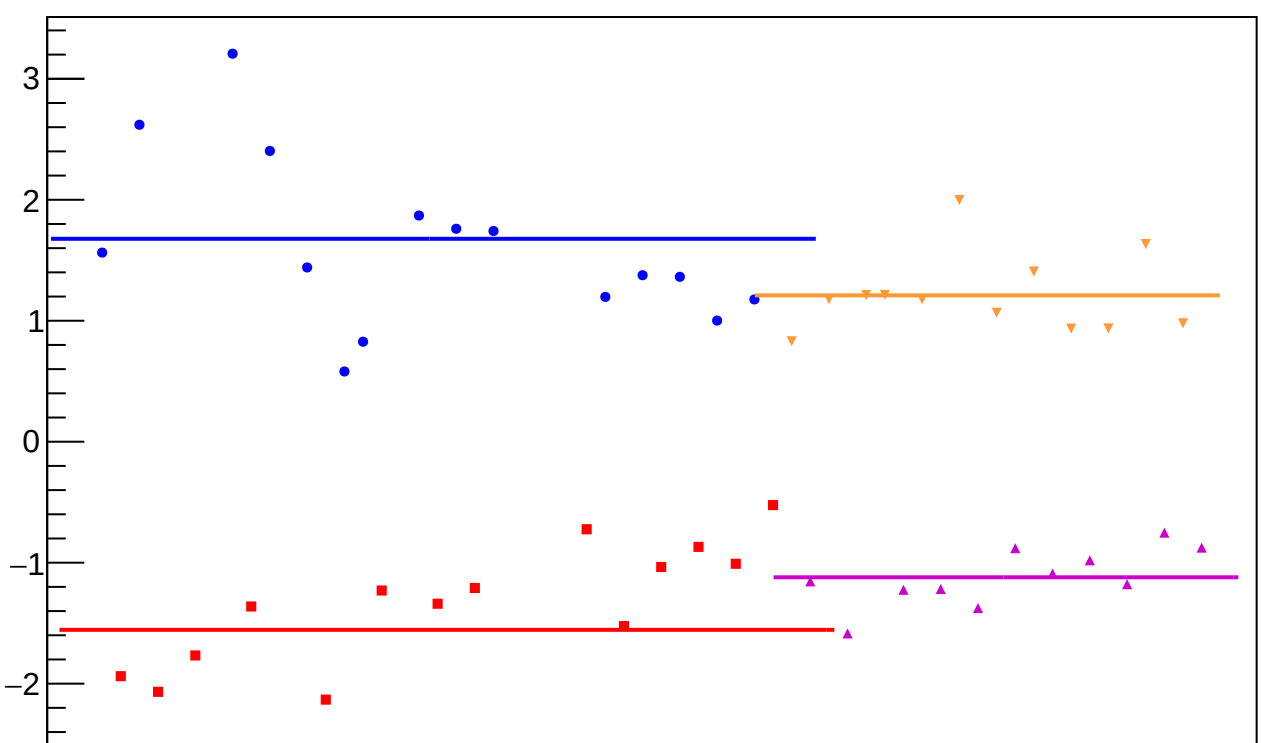
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

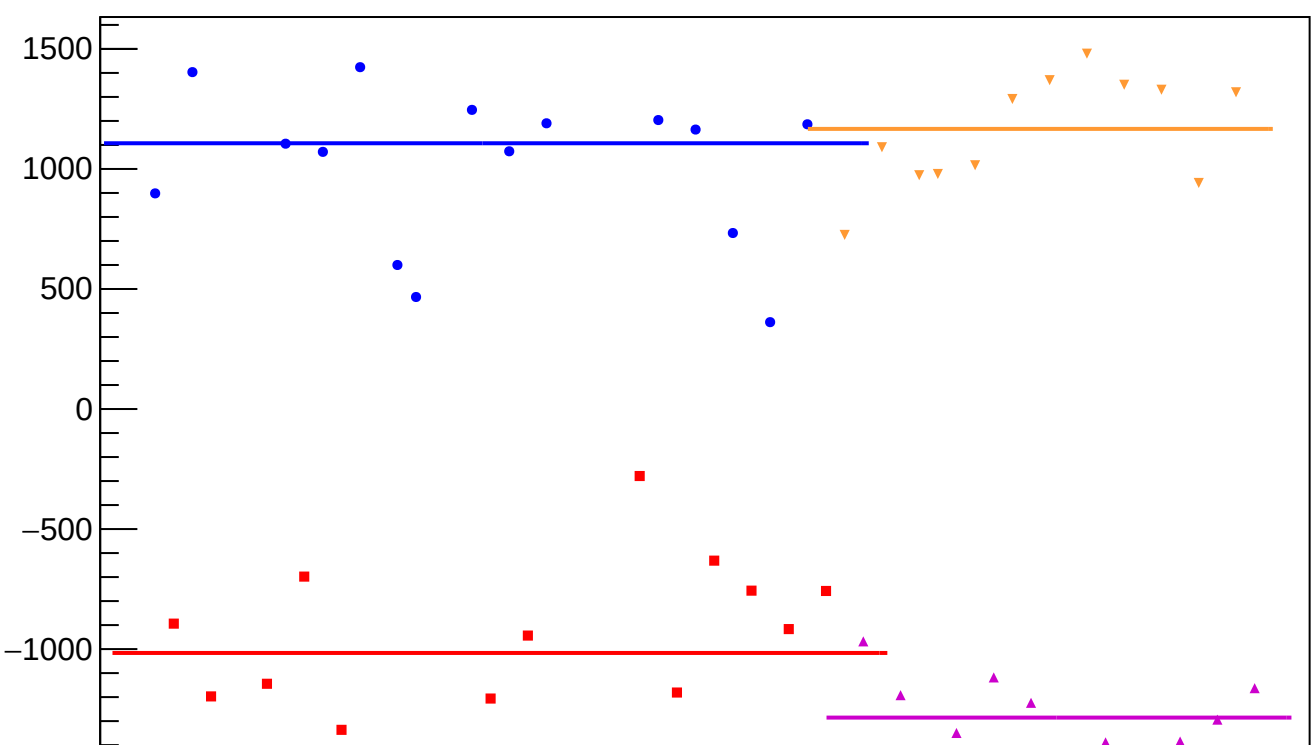
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

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

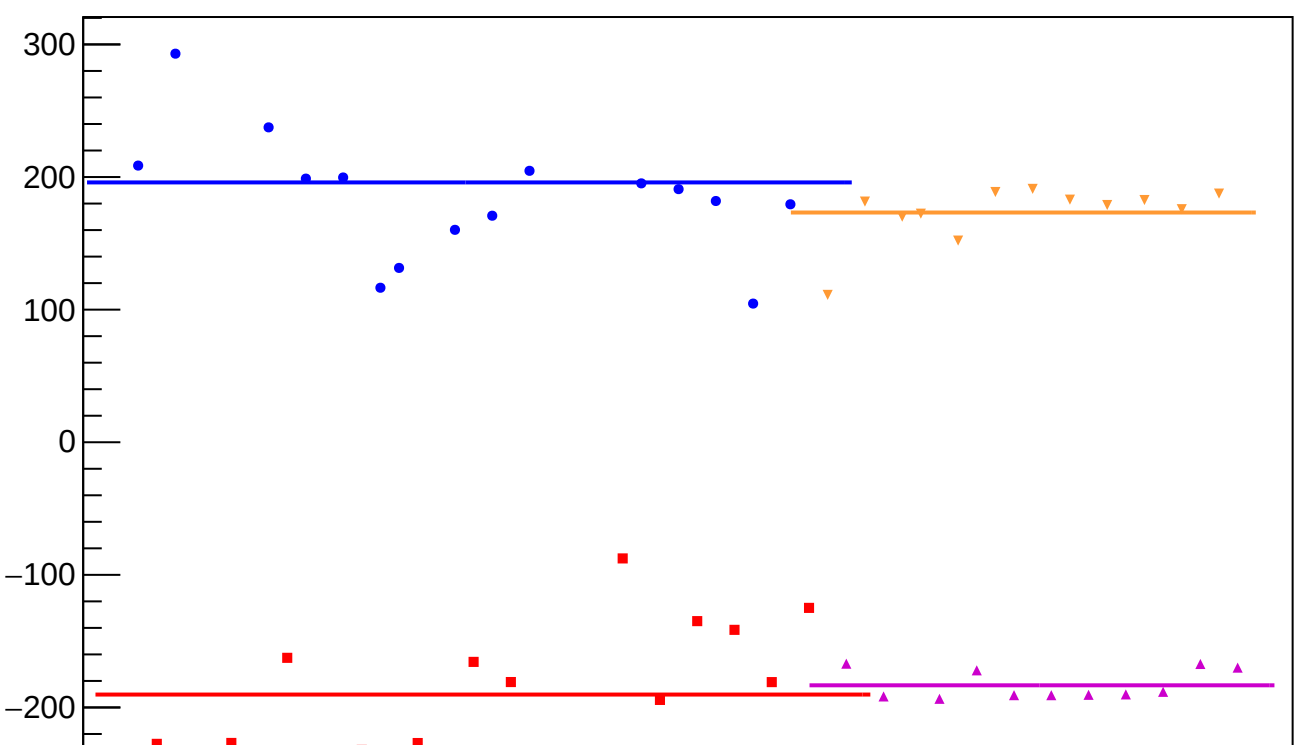
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

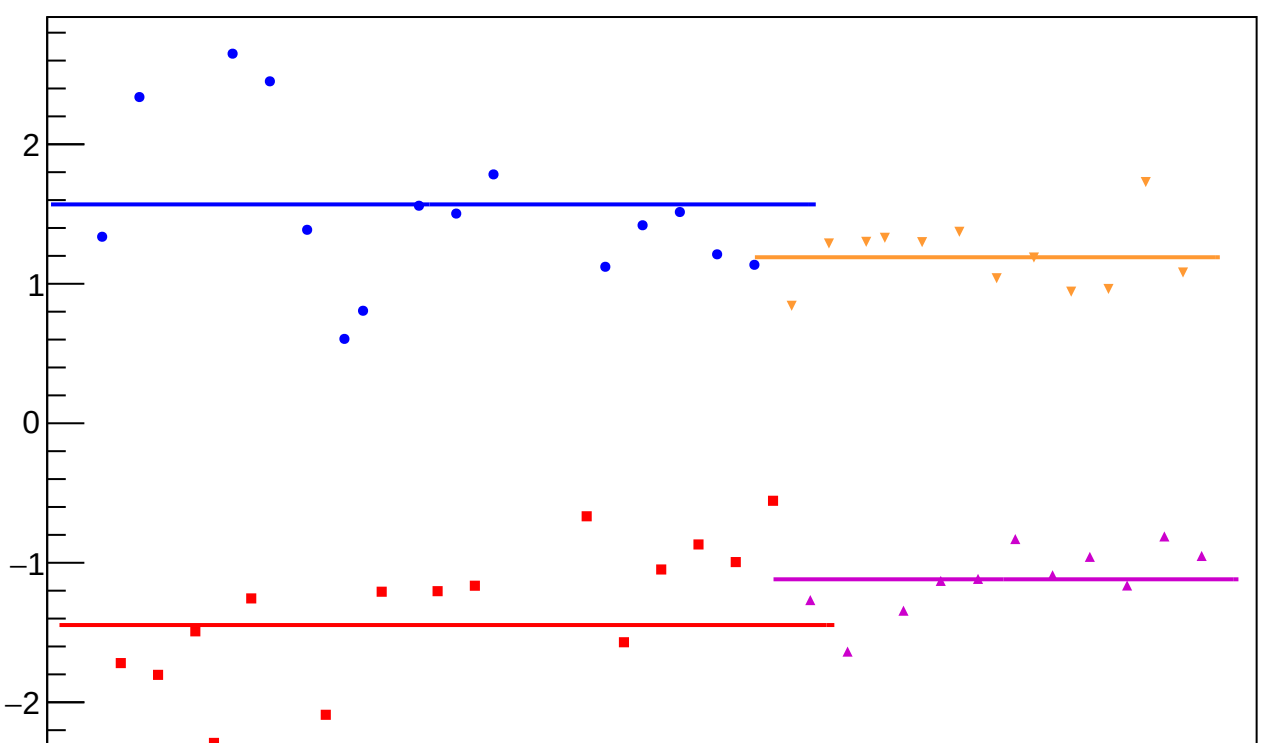
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

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

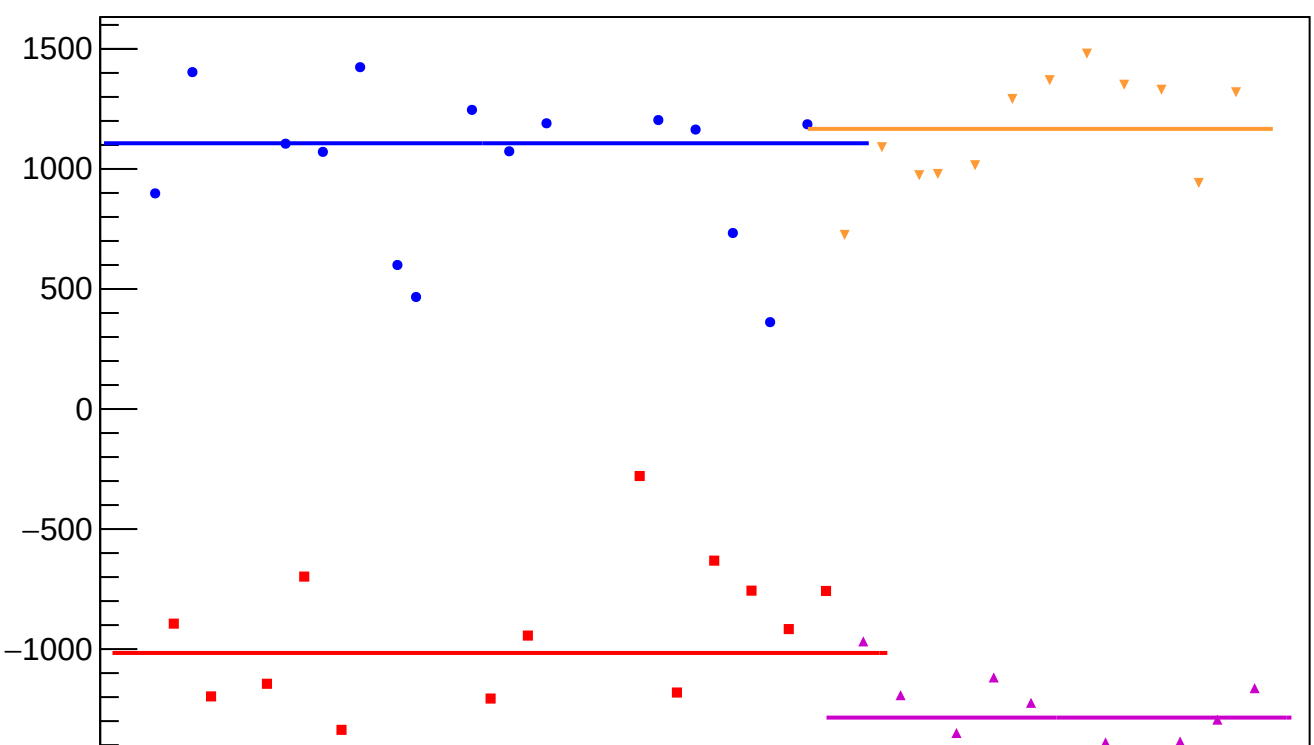
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

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

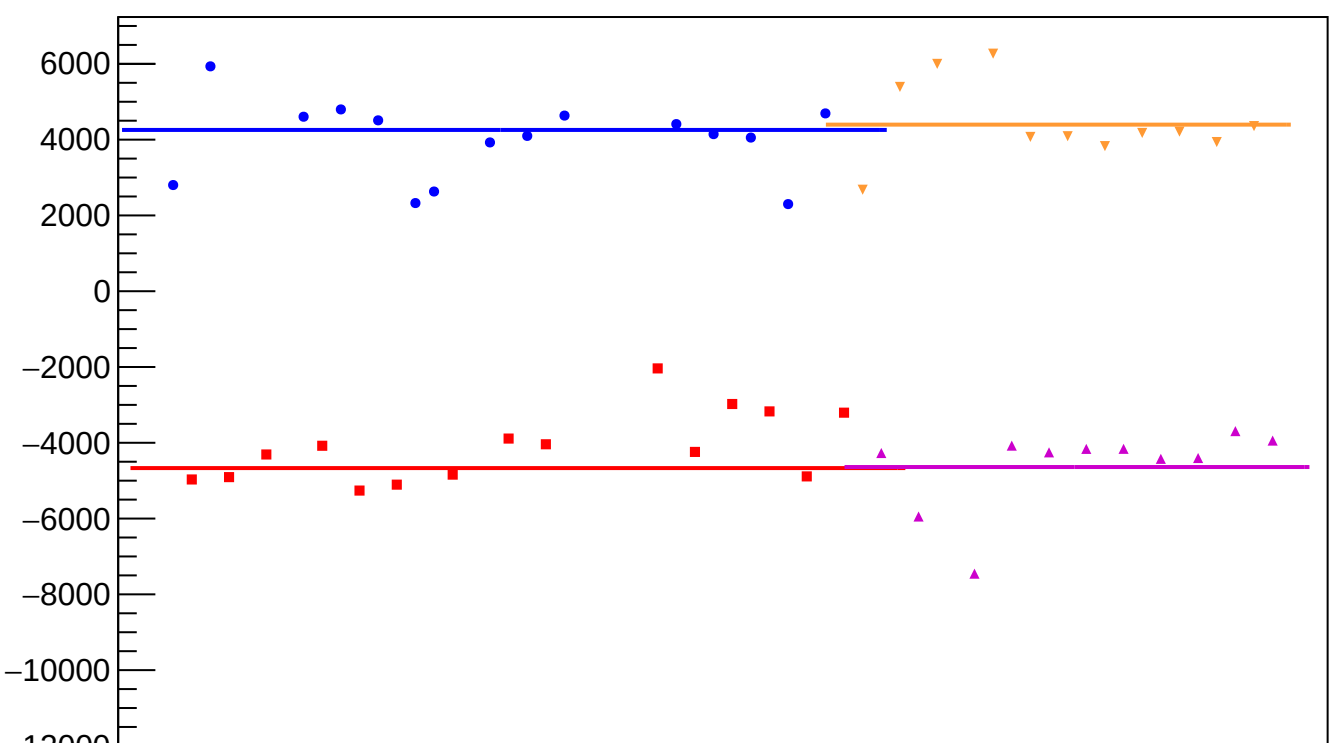
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

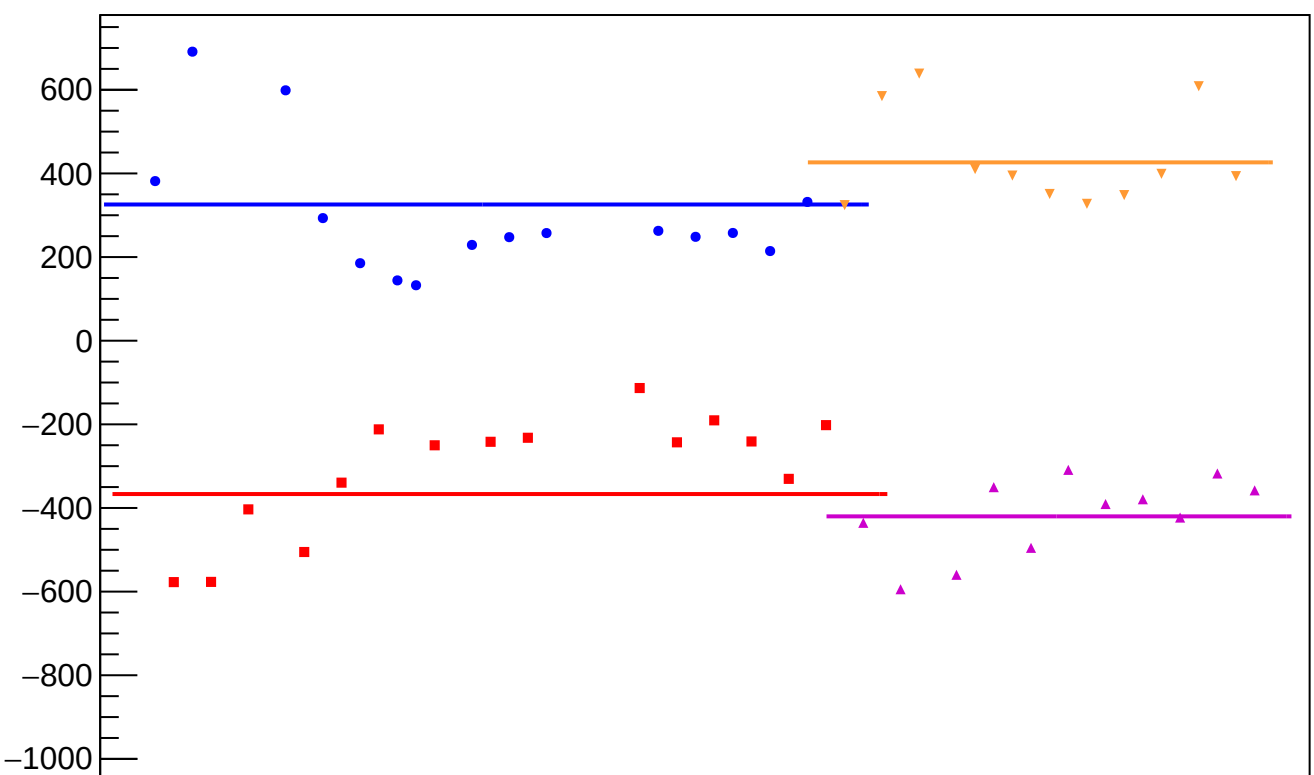
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

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

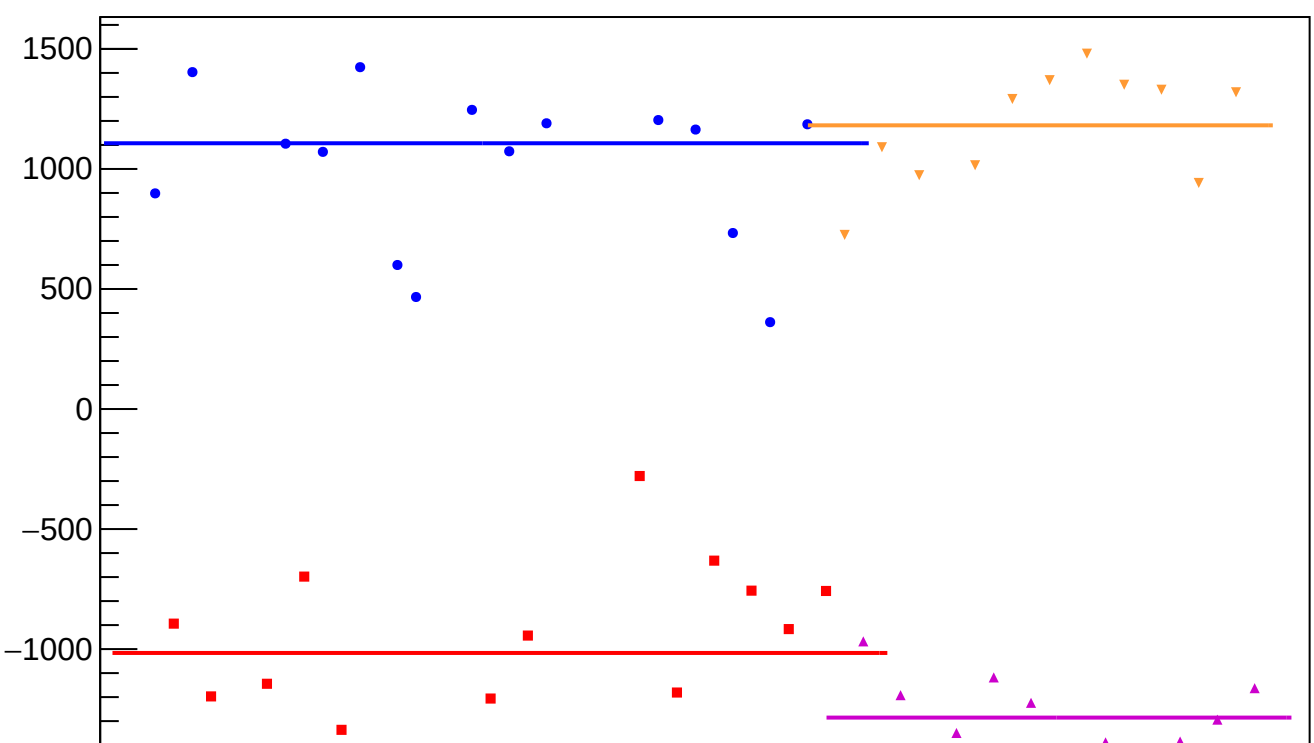
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

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

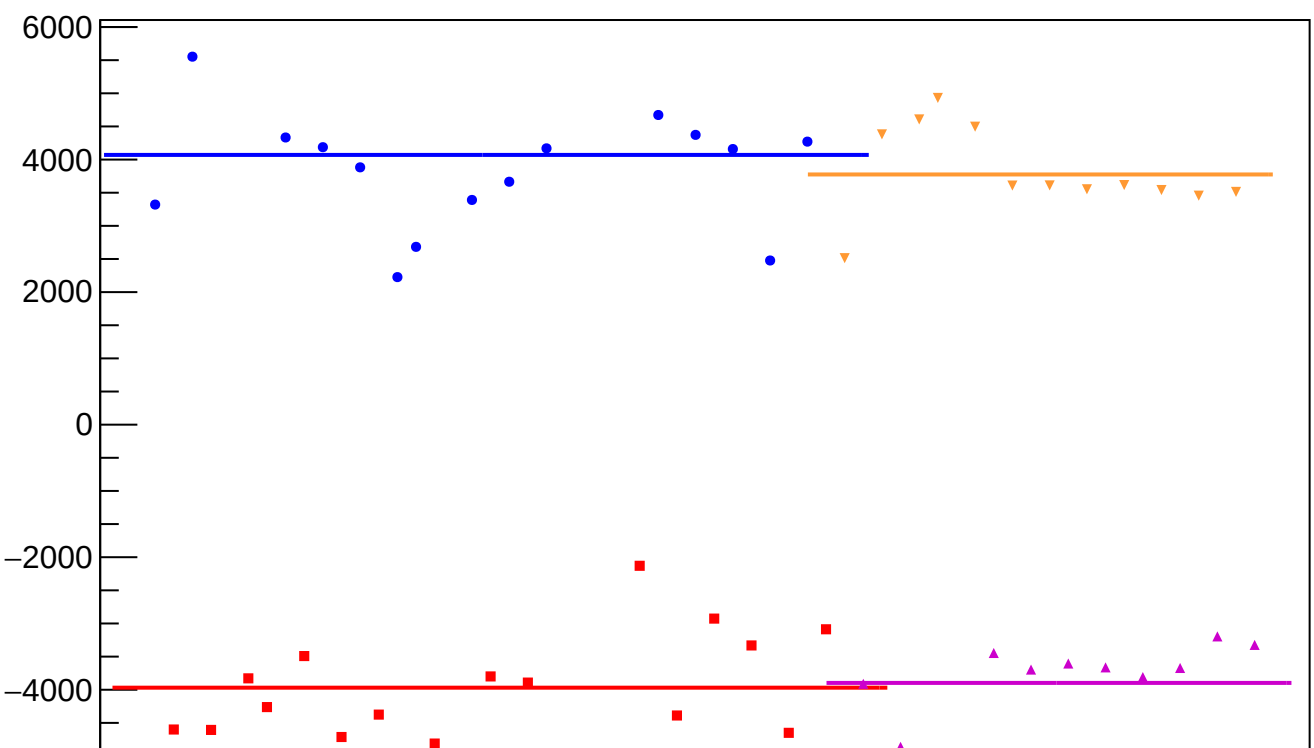
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

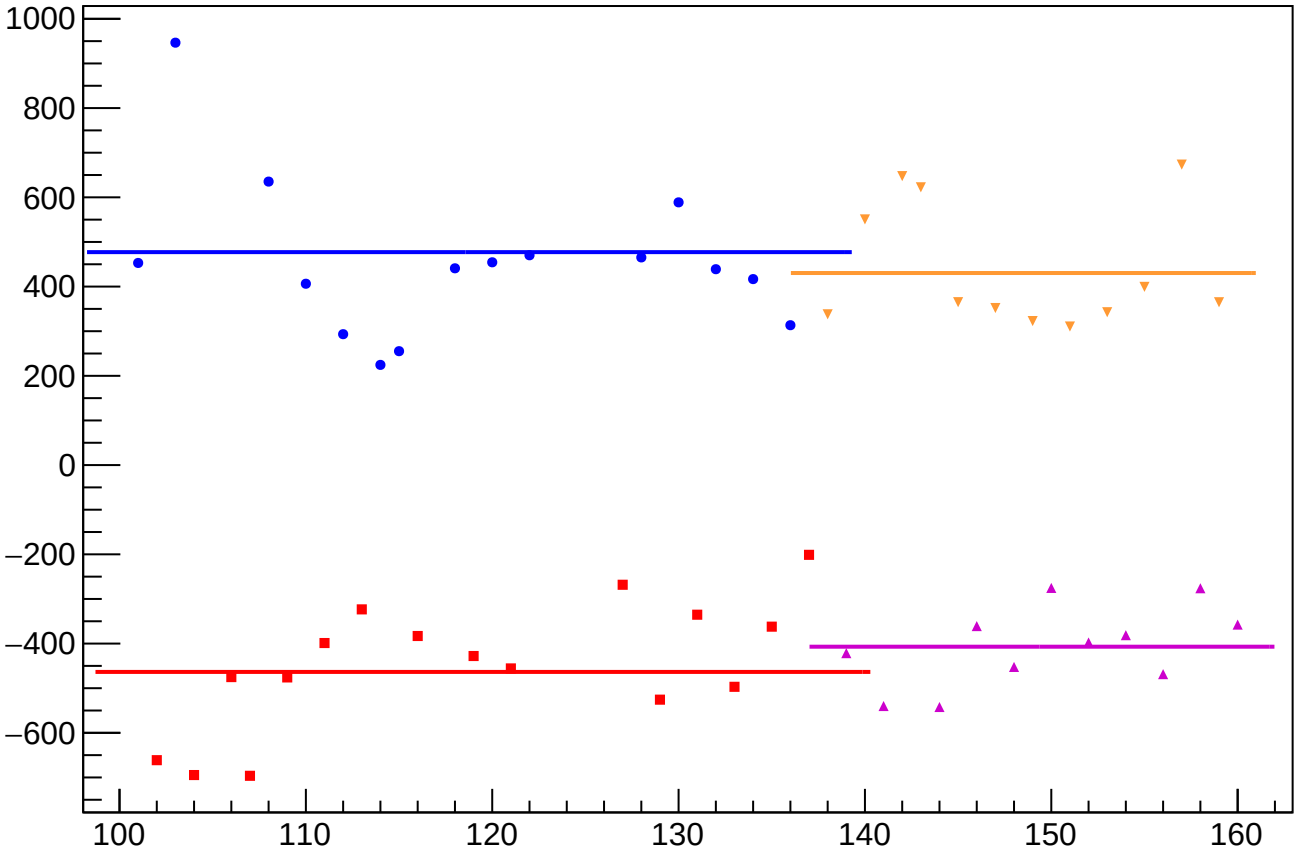
All: -47.303+/-0.000 χ^2/NDF: 436585203886

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

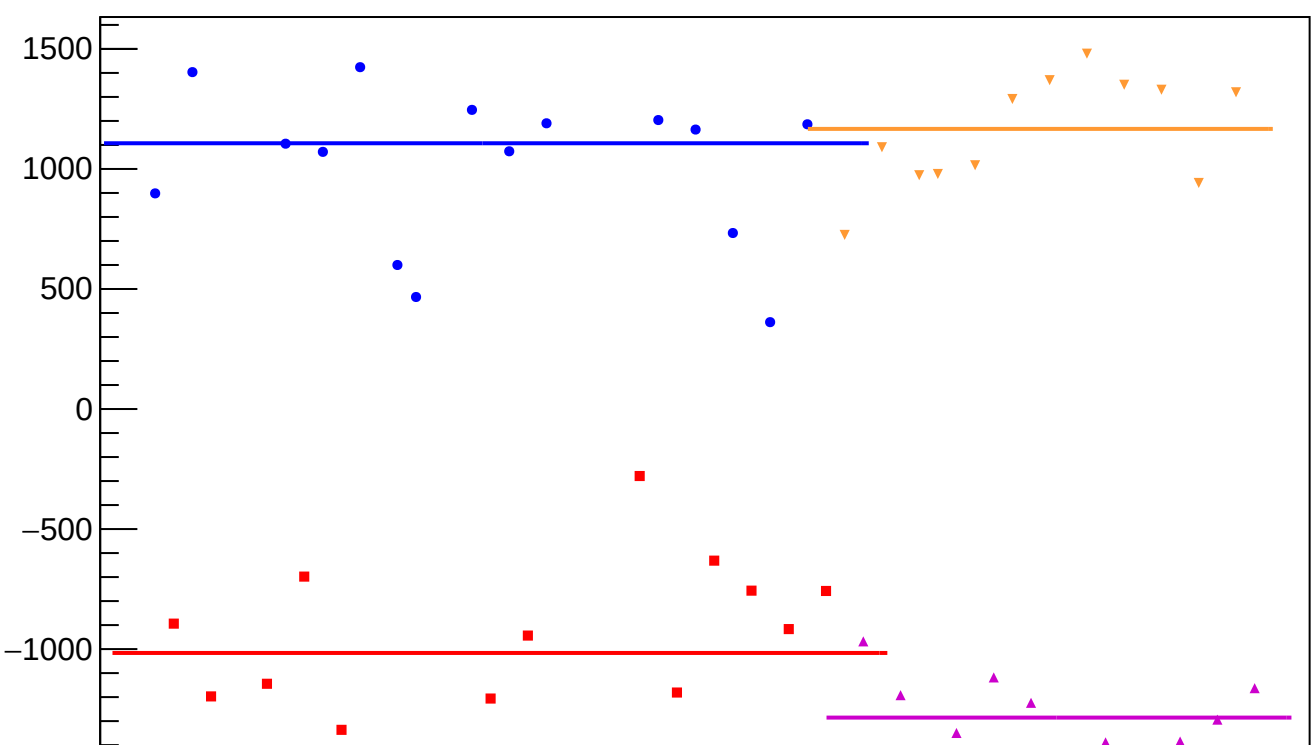
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

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

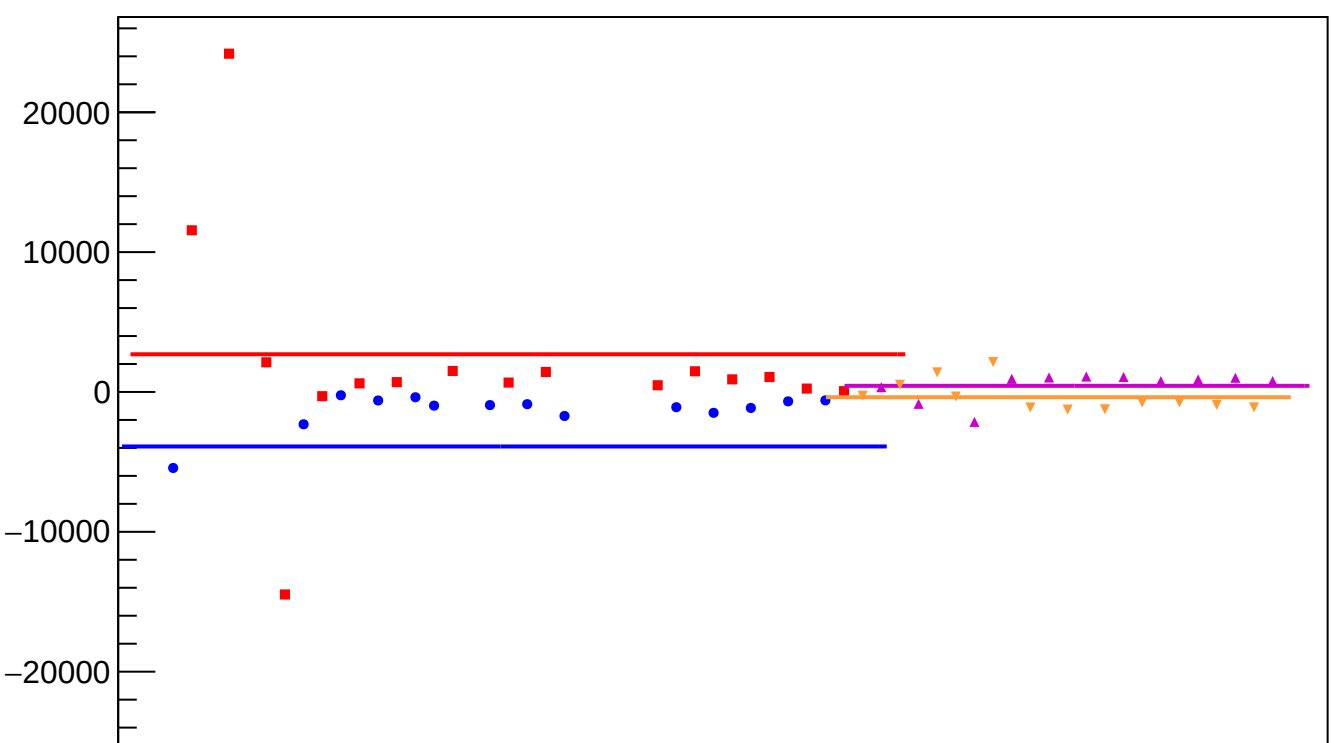
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

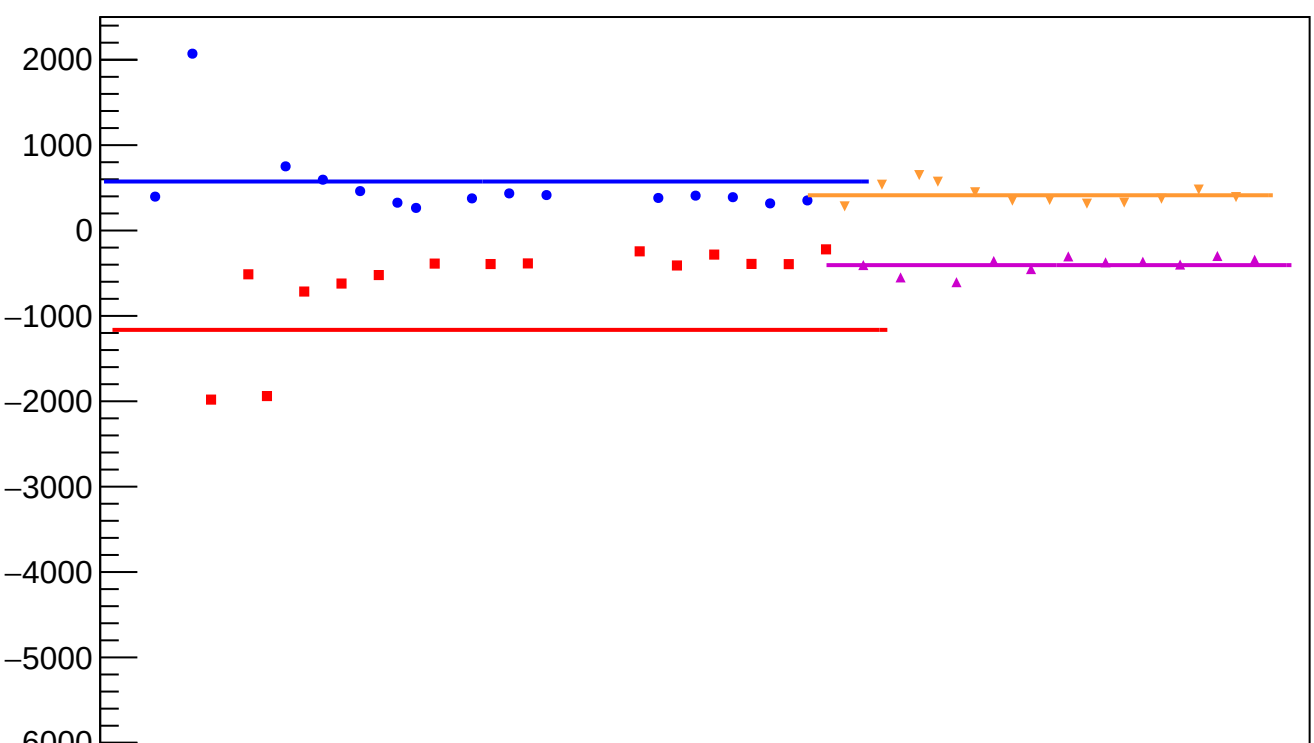
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



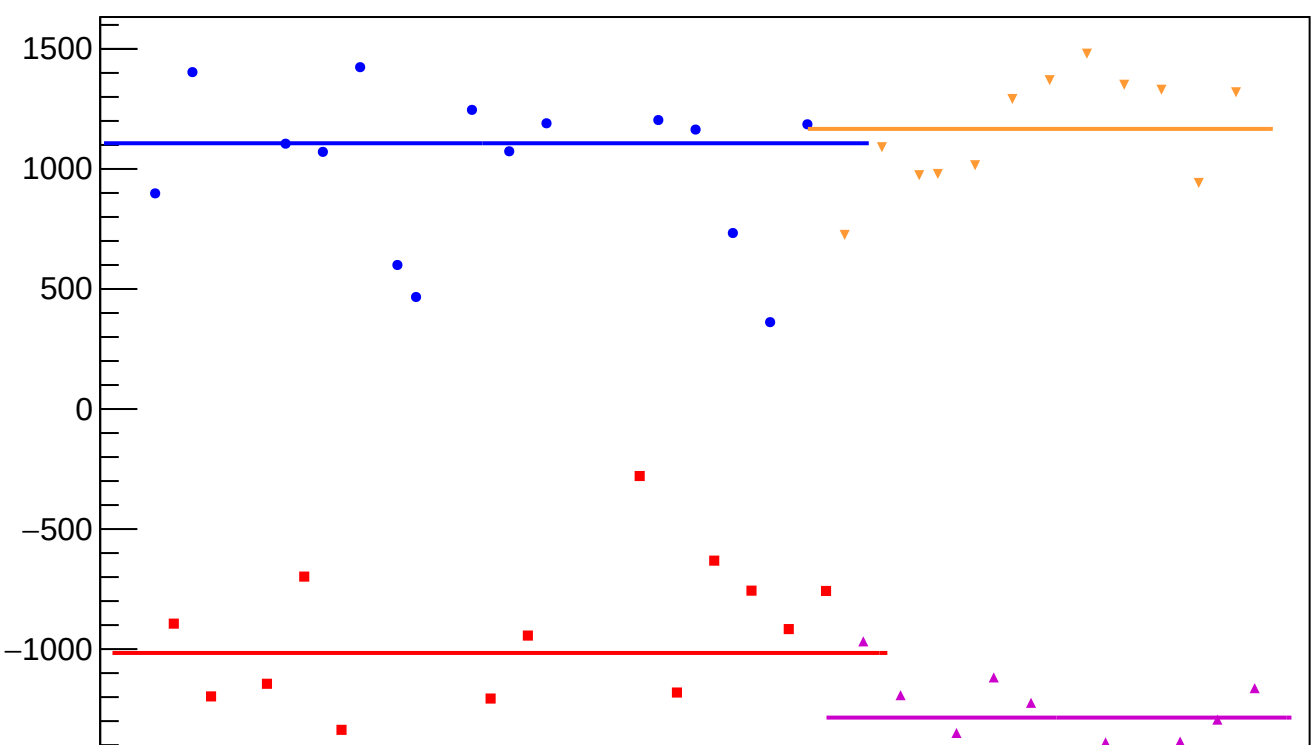
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 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

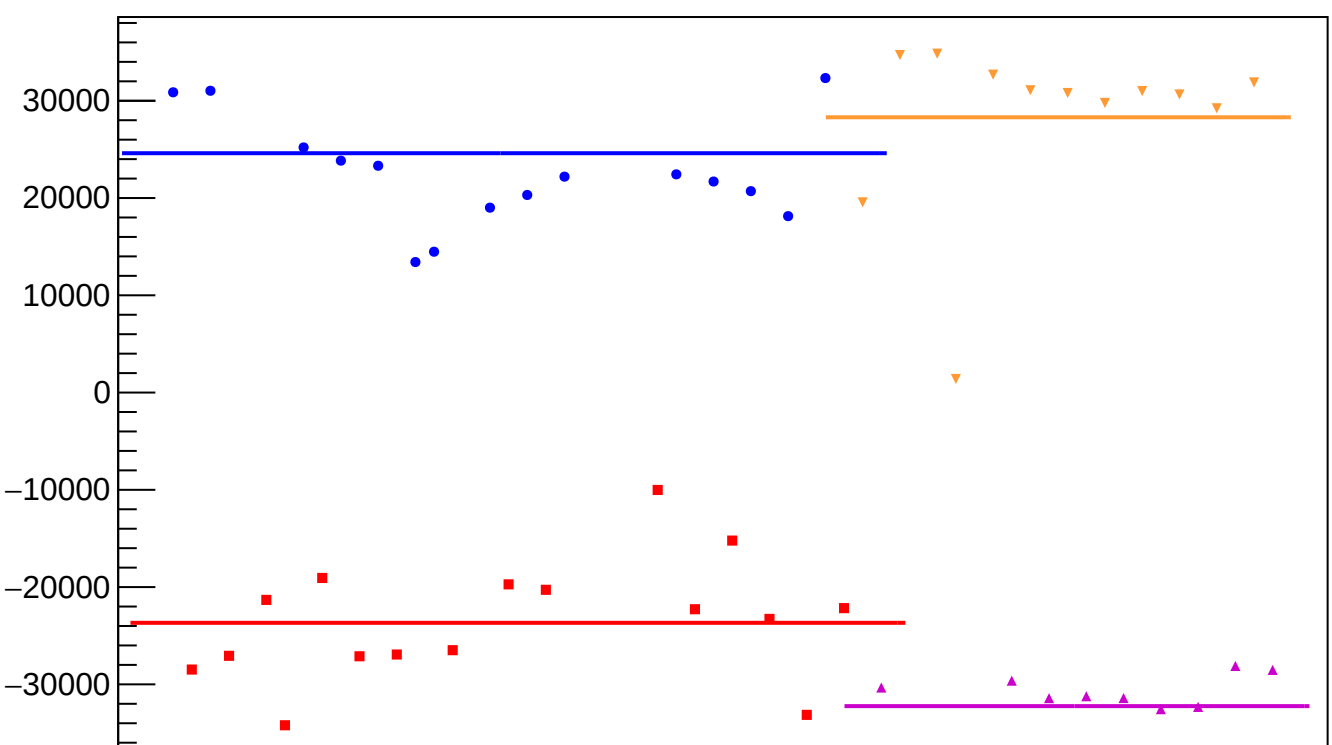
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

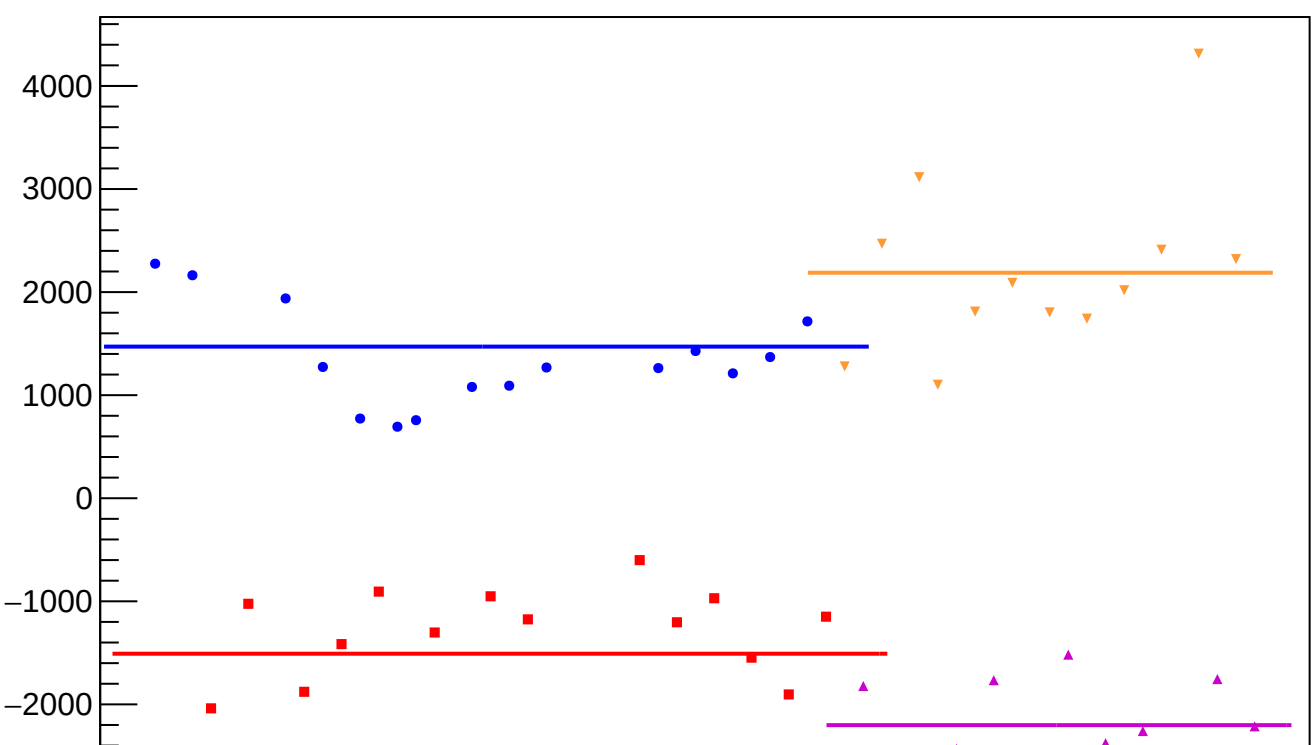
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

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

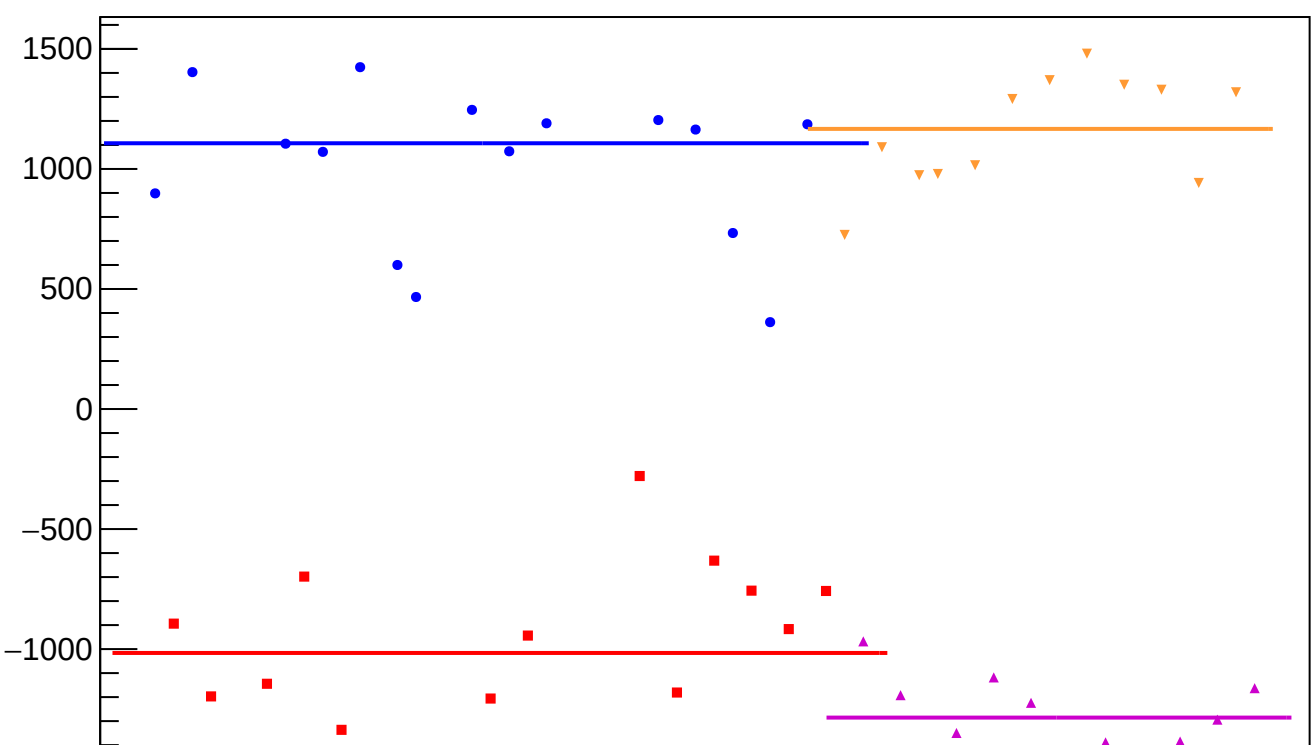
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

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

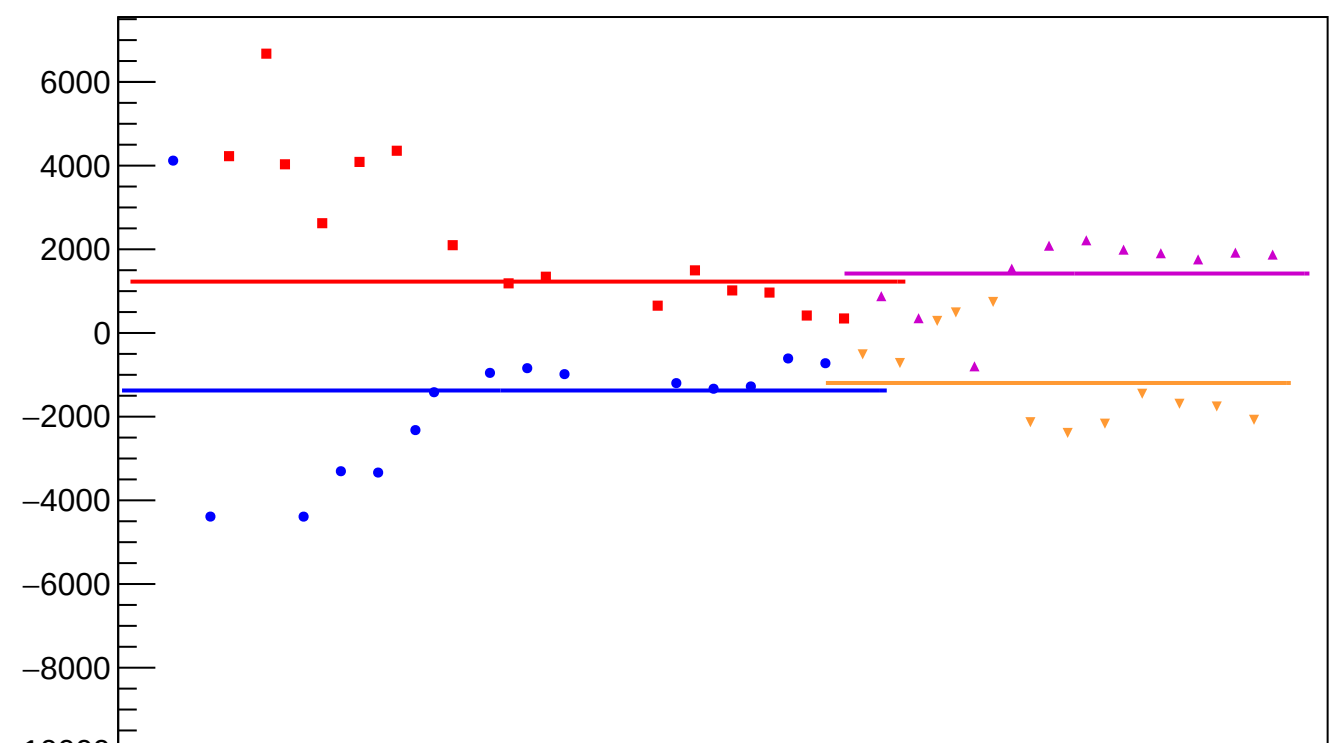
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

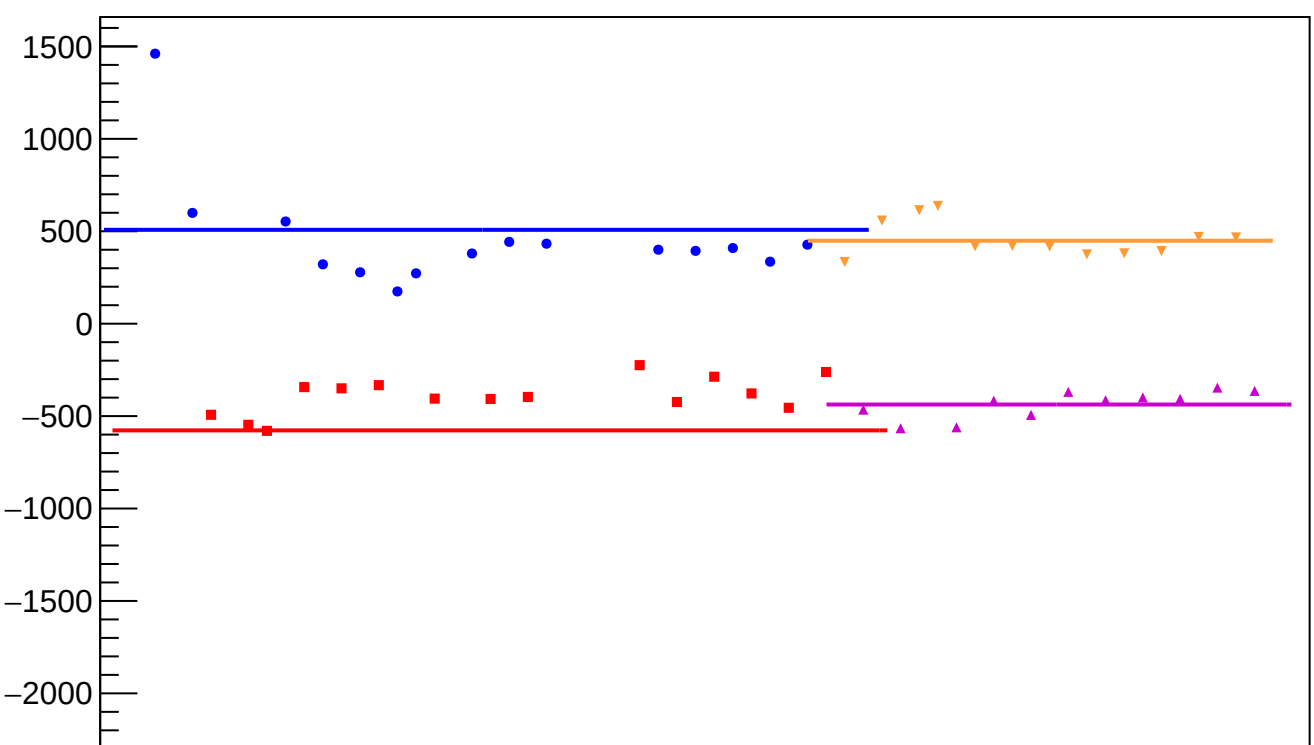
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

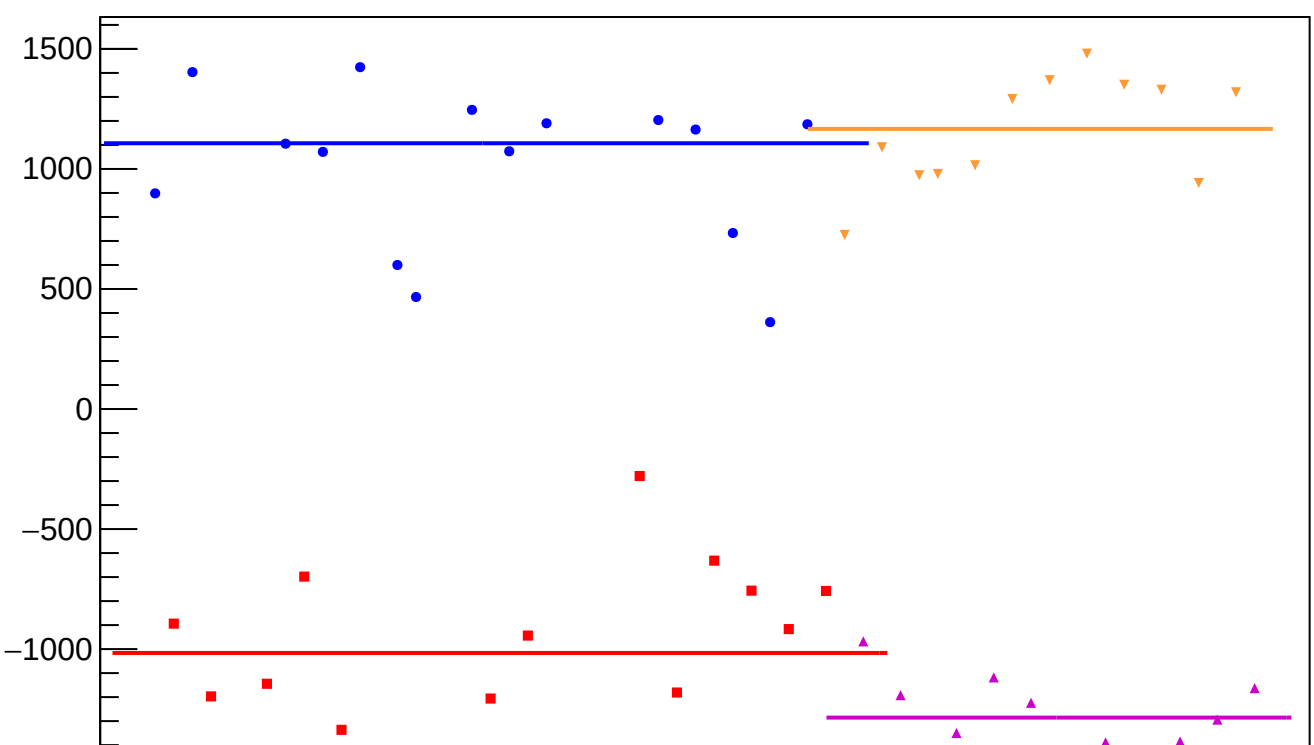
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

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

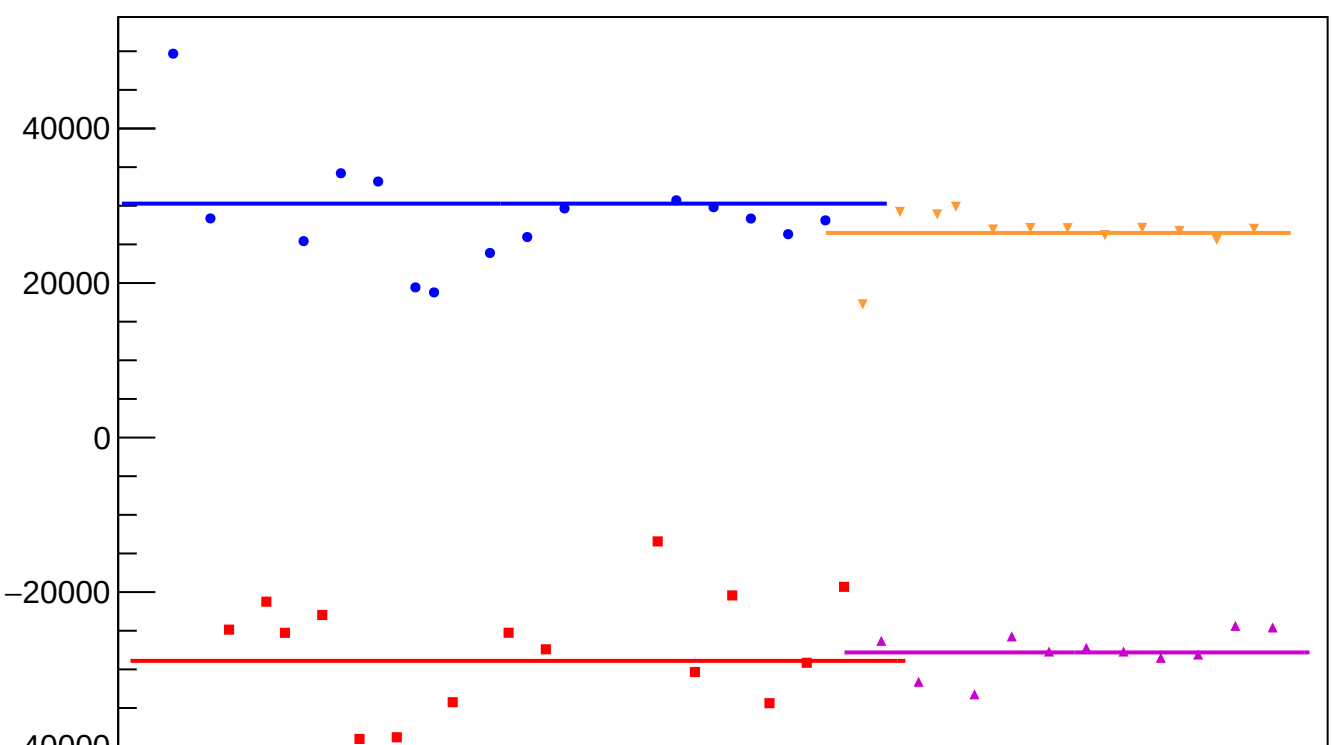
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

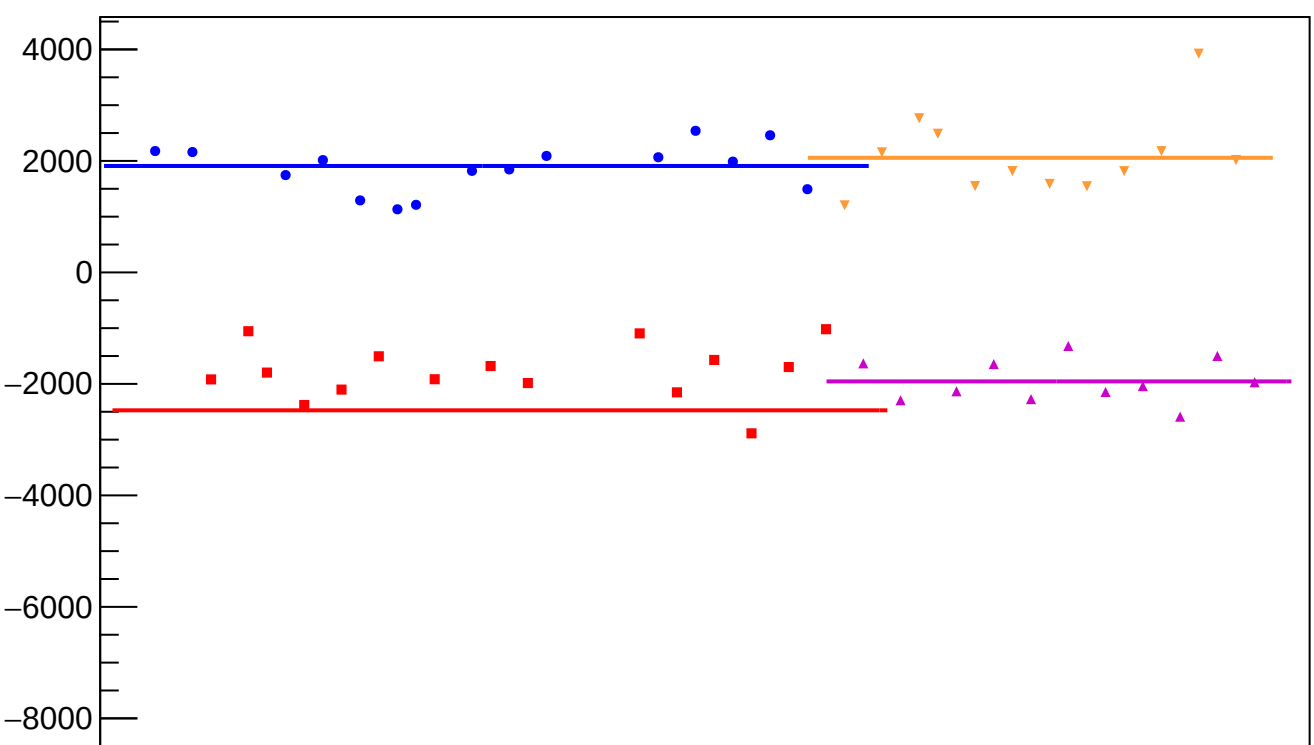
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

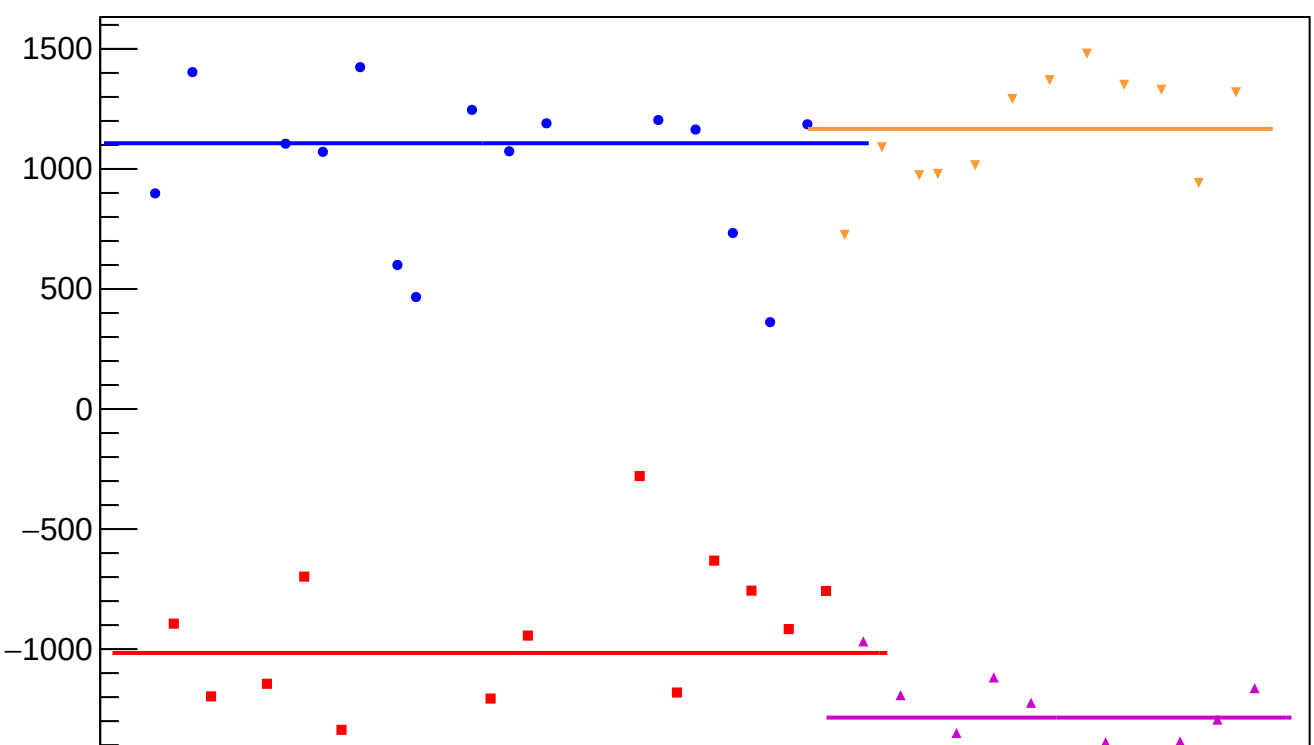
All: -351.512+/-0.000 χ^2/NDF: 25998642244

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

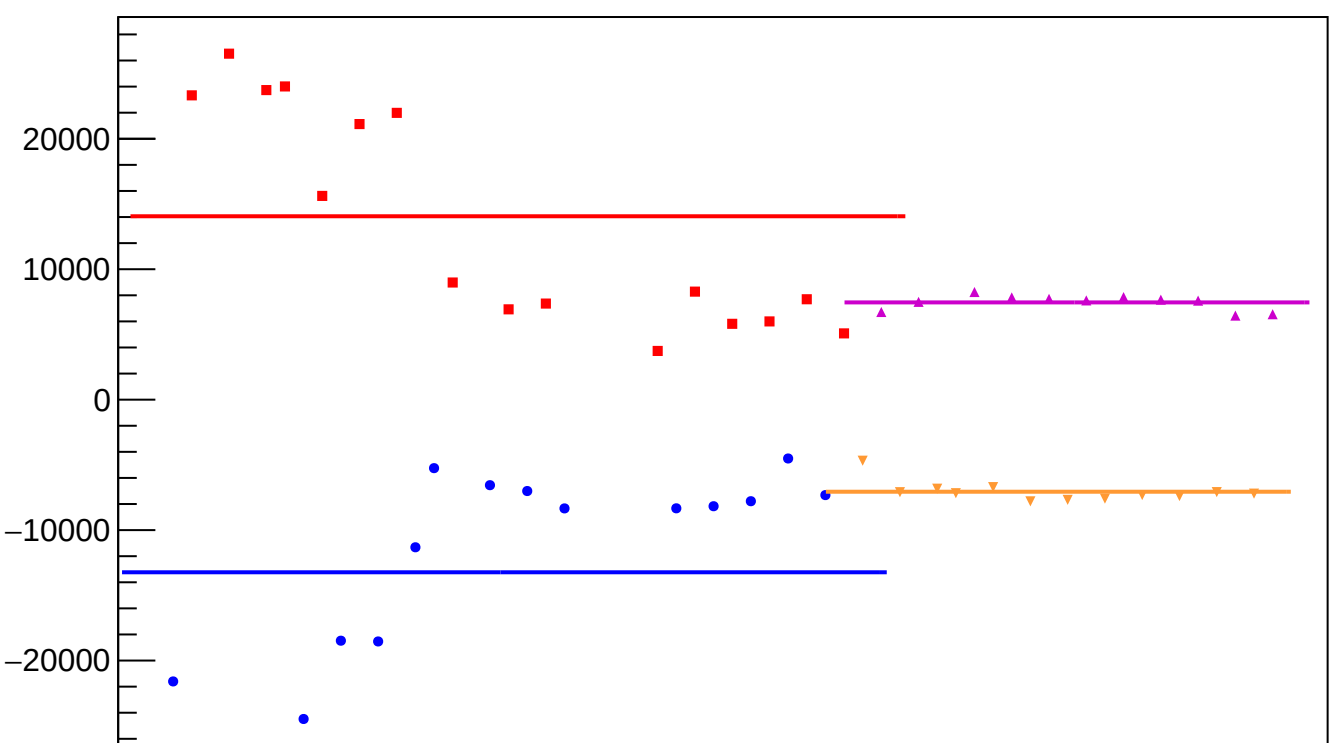
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

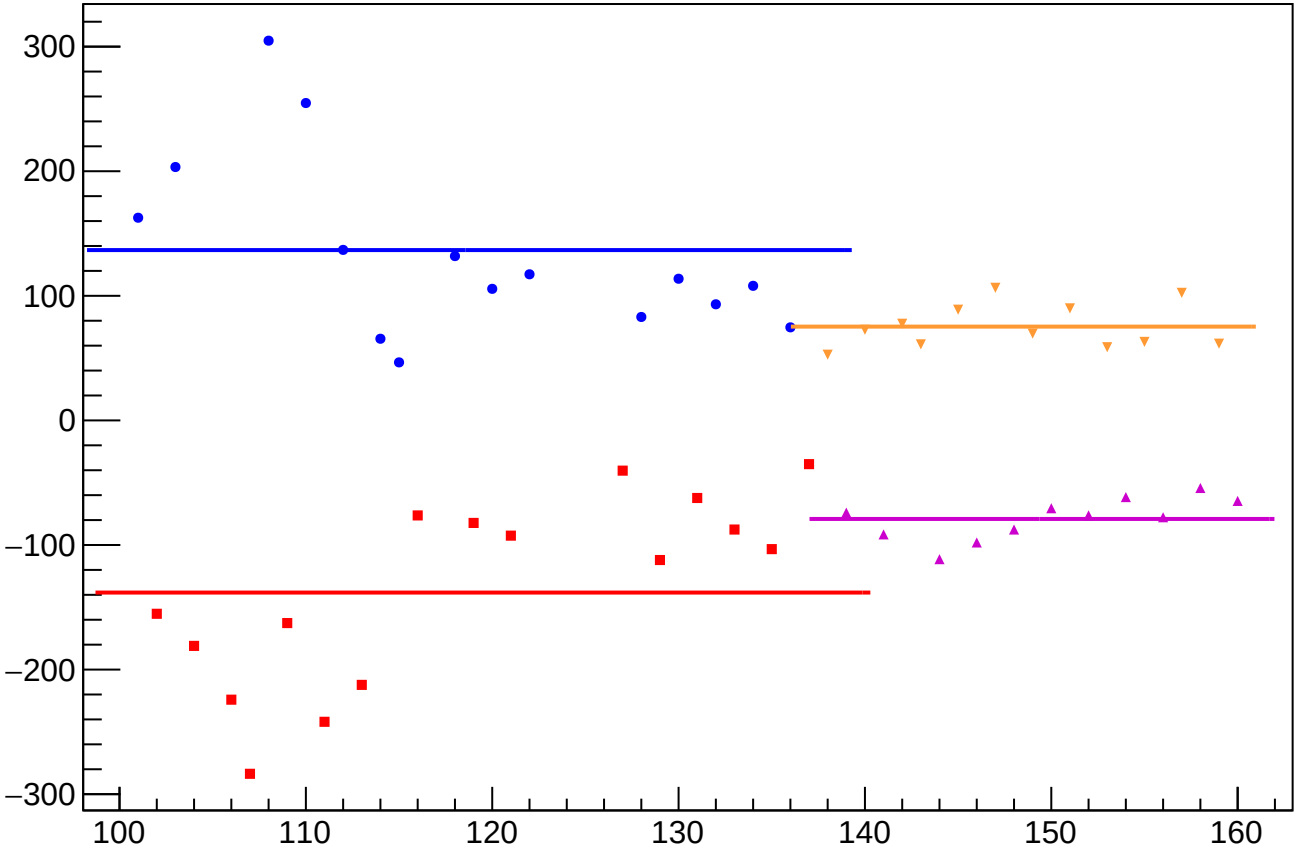
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

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

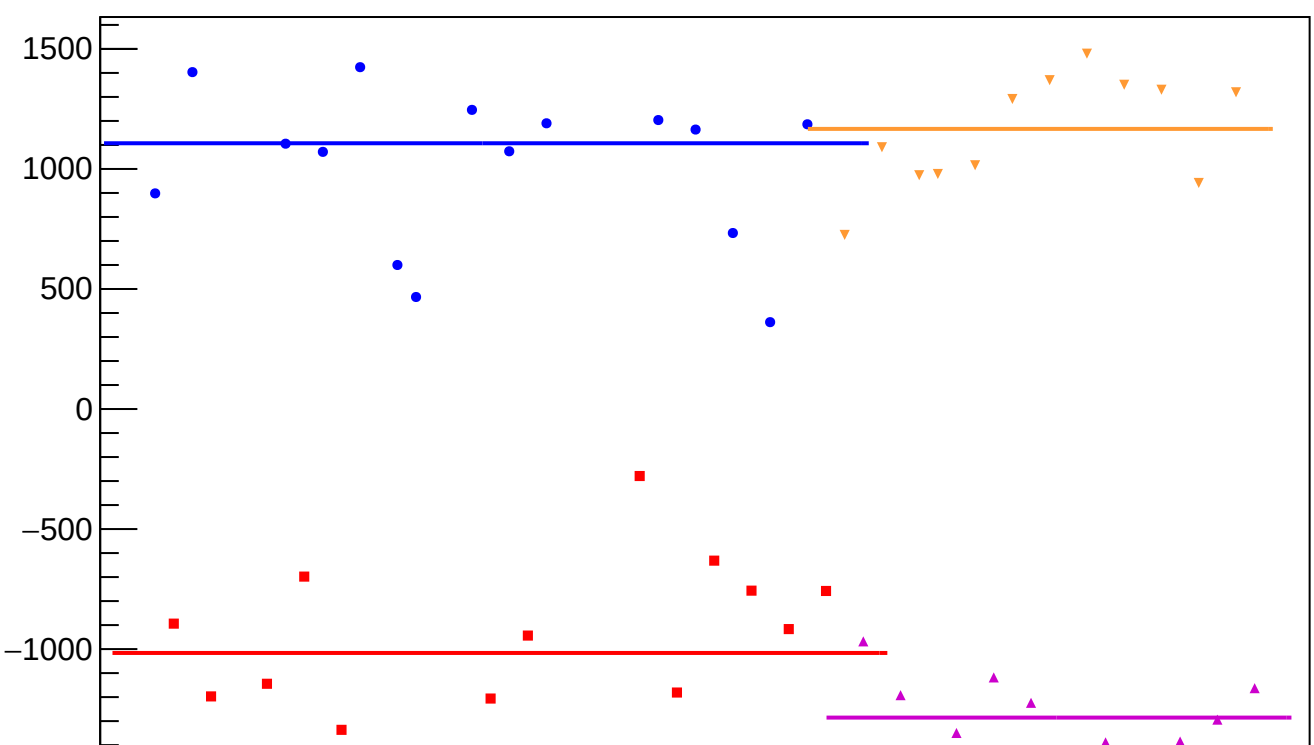
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

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

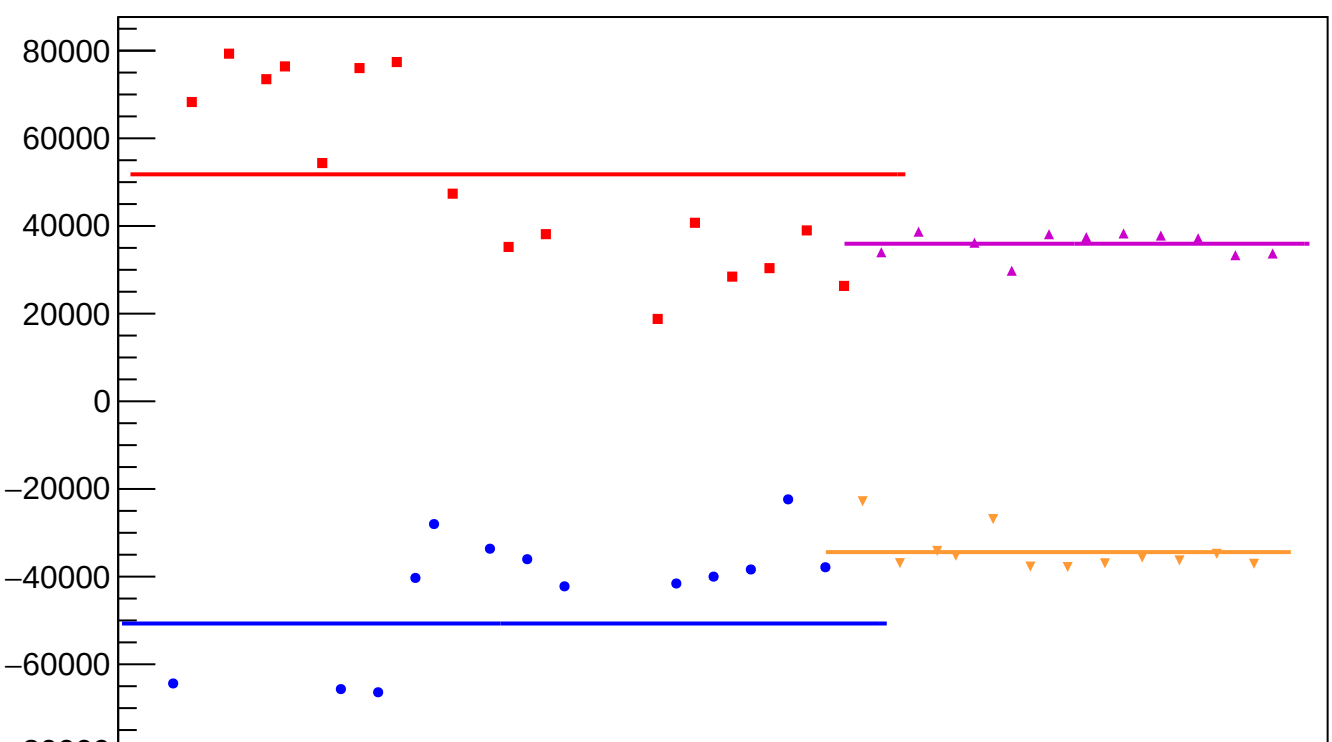
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

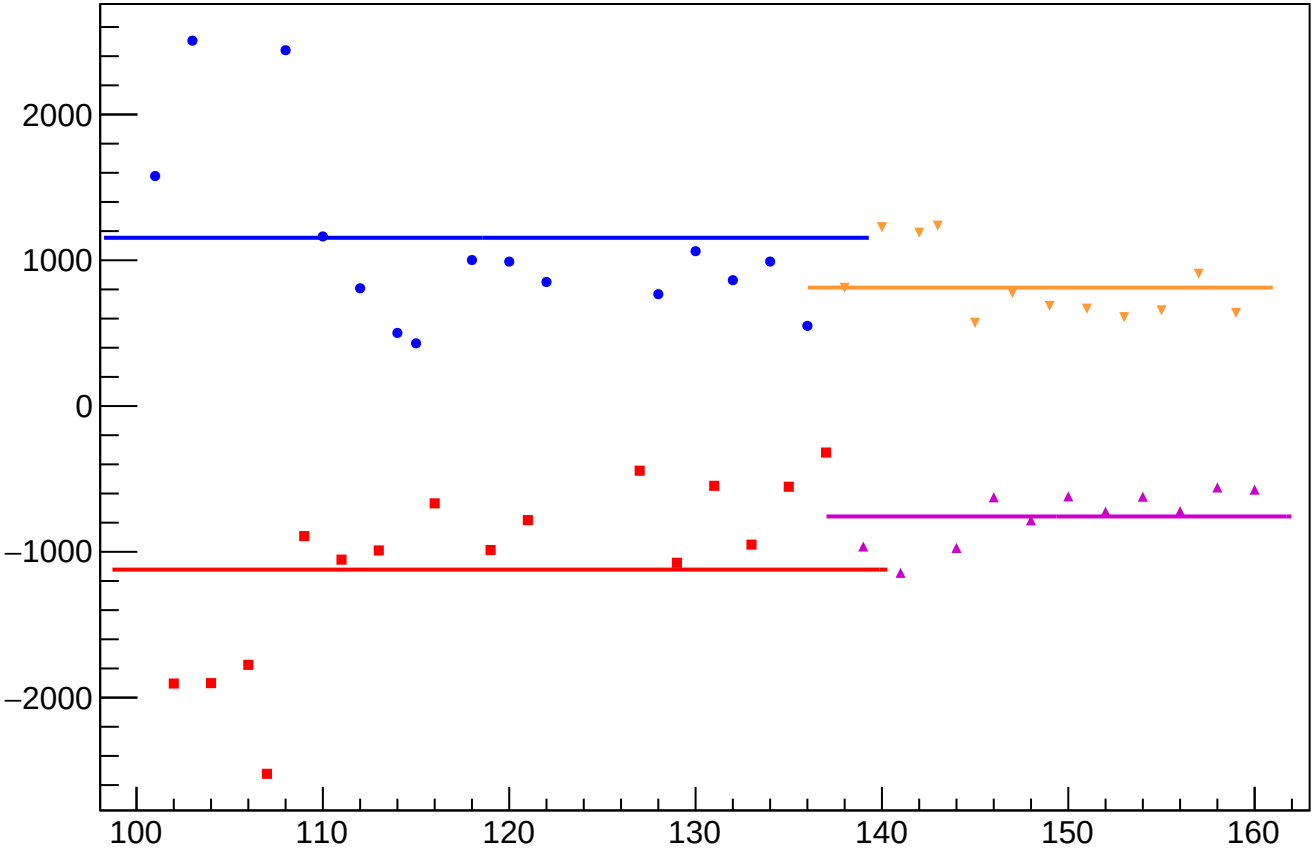
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

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

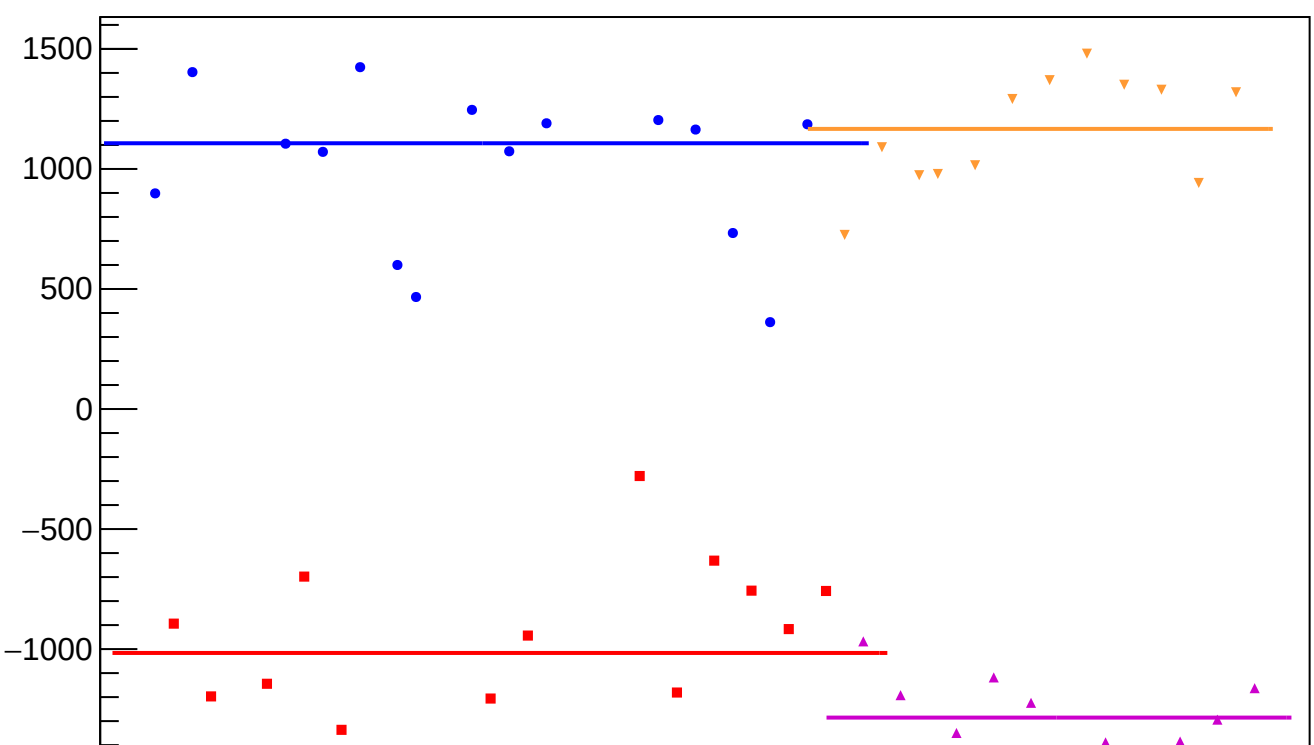
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

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

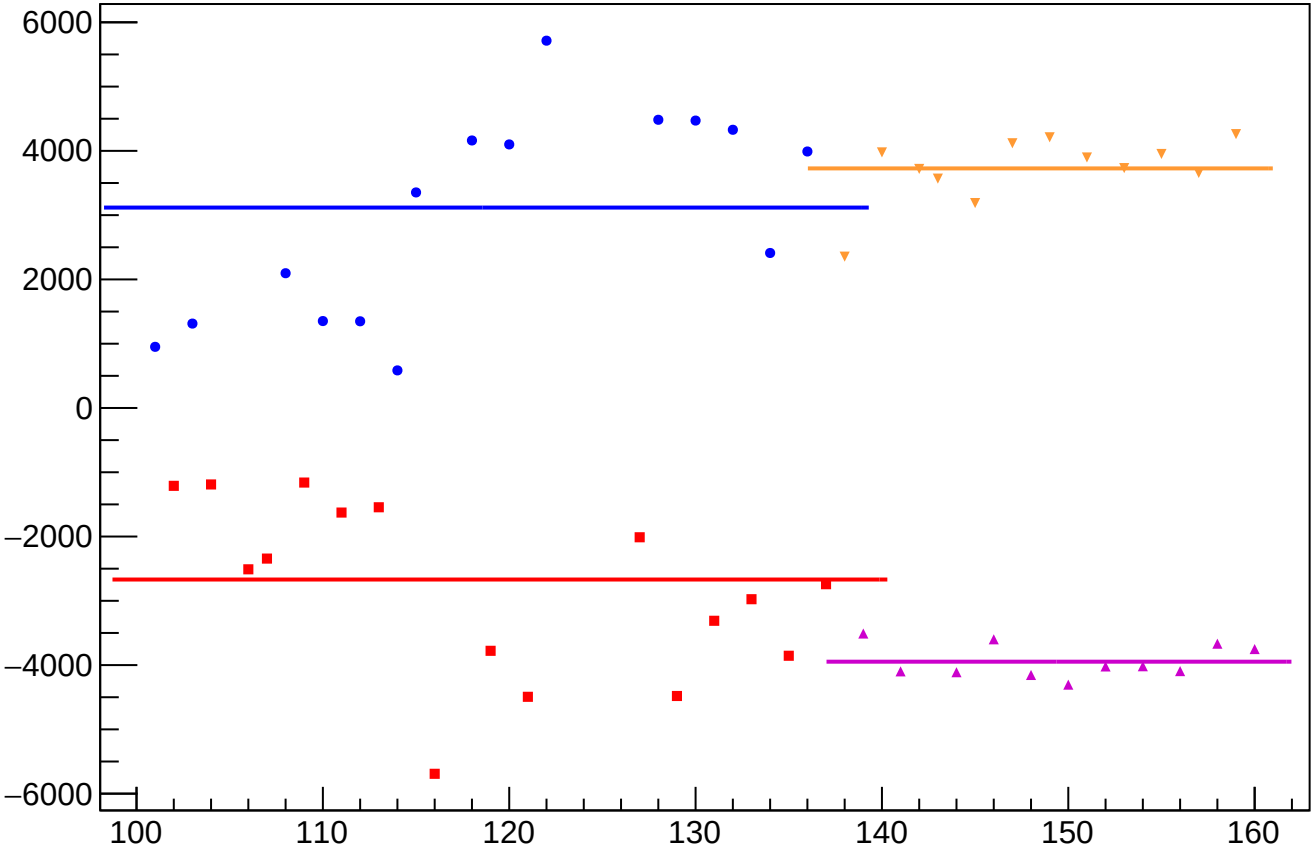
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

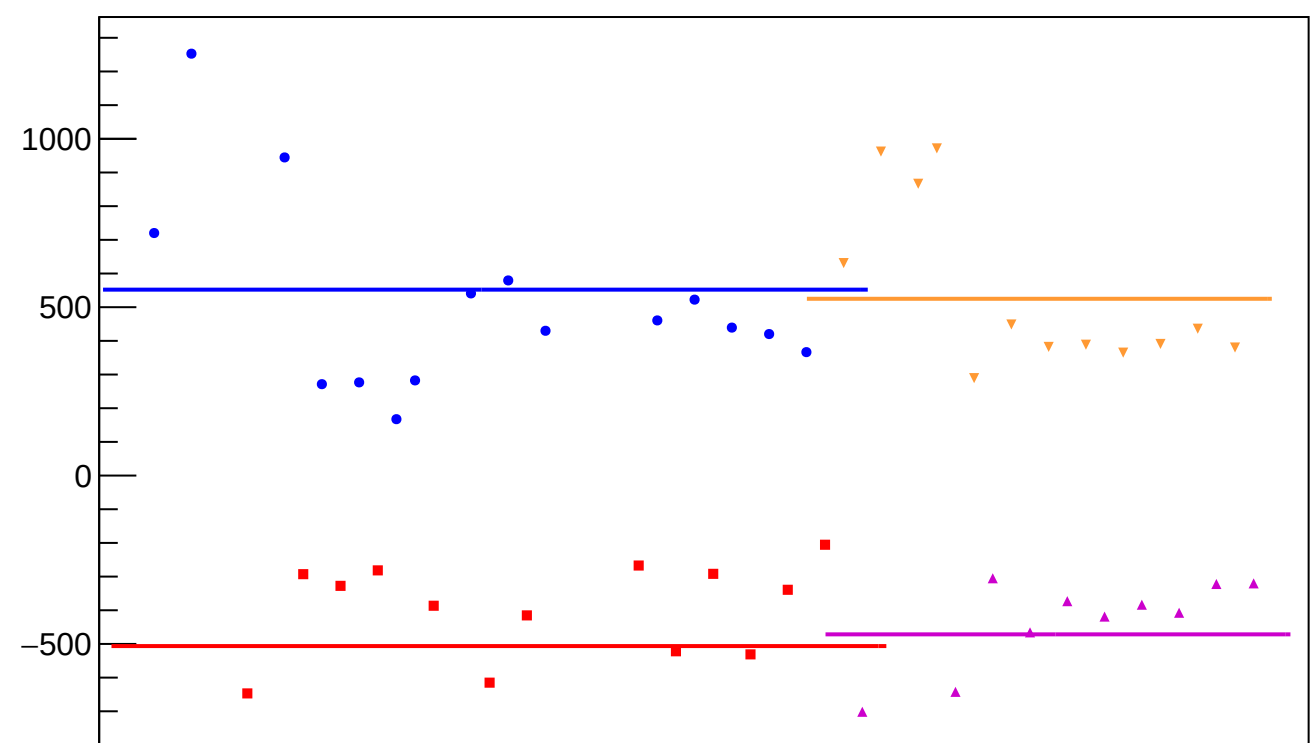
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

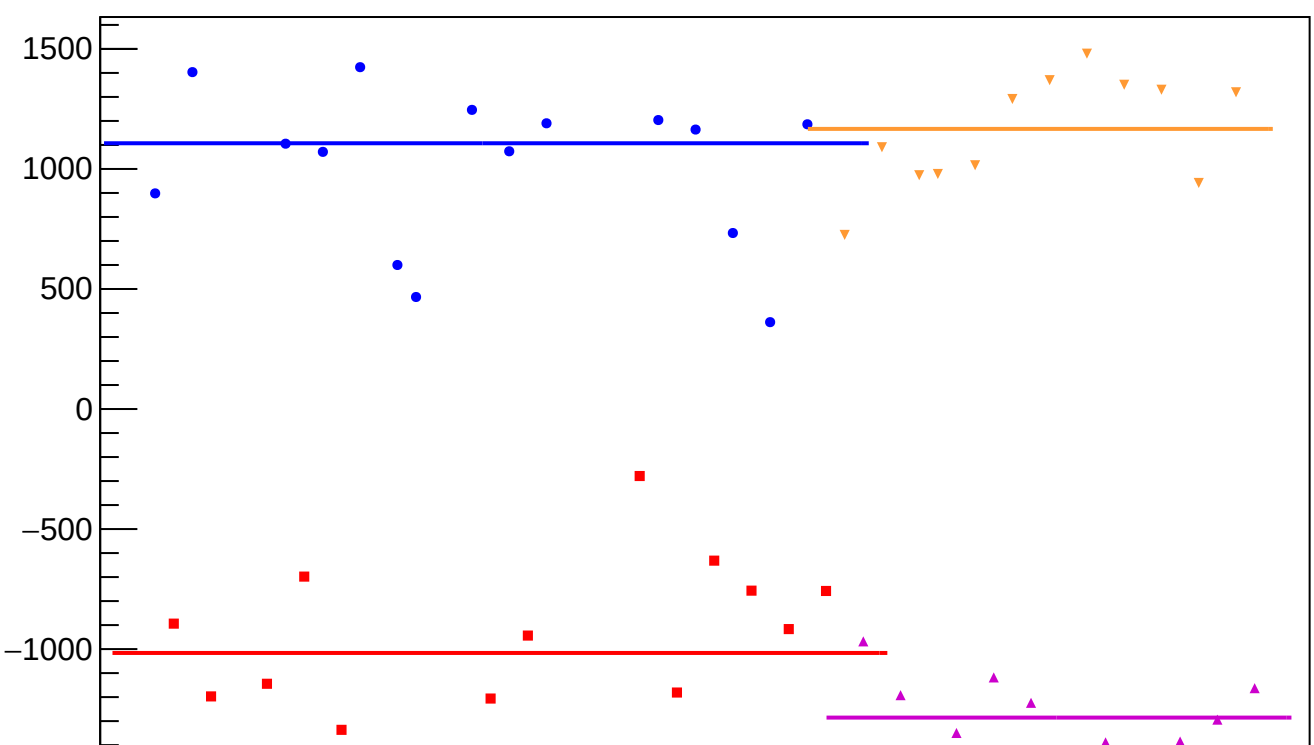
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

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

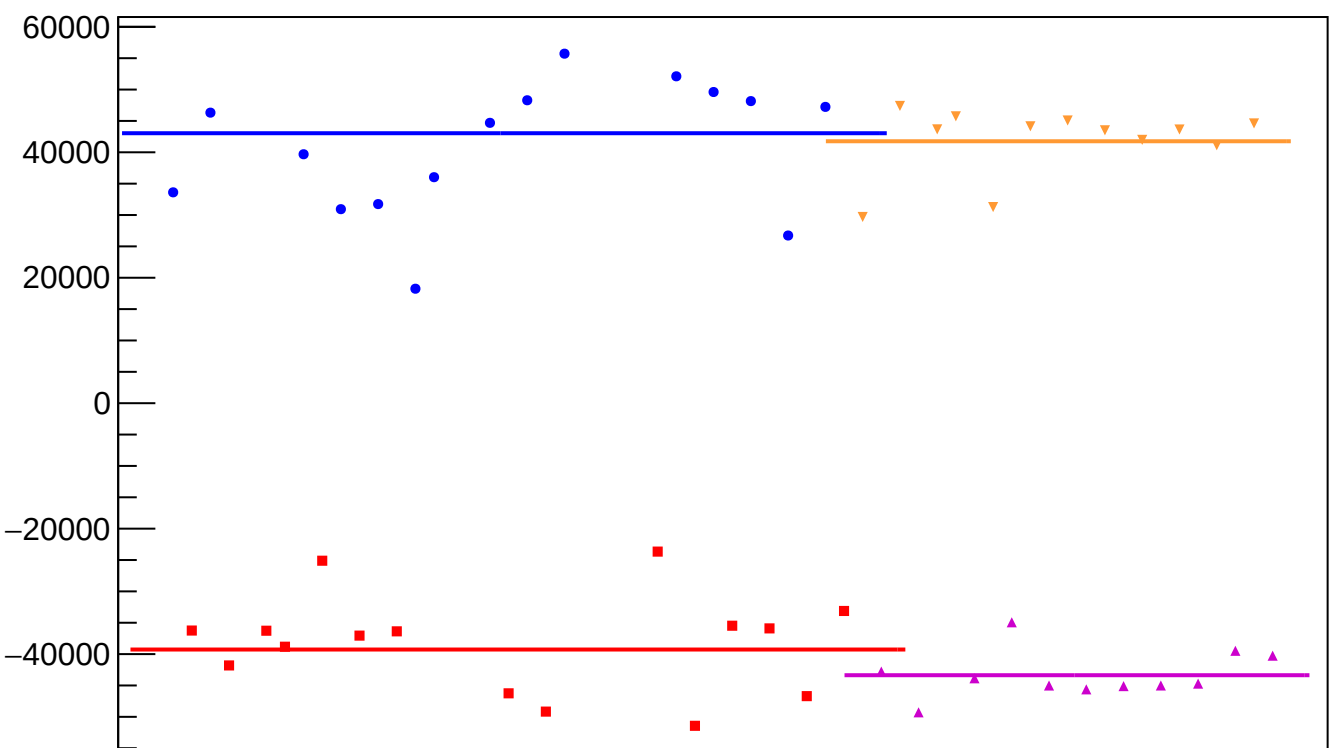
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

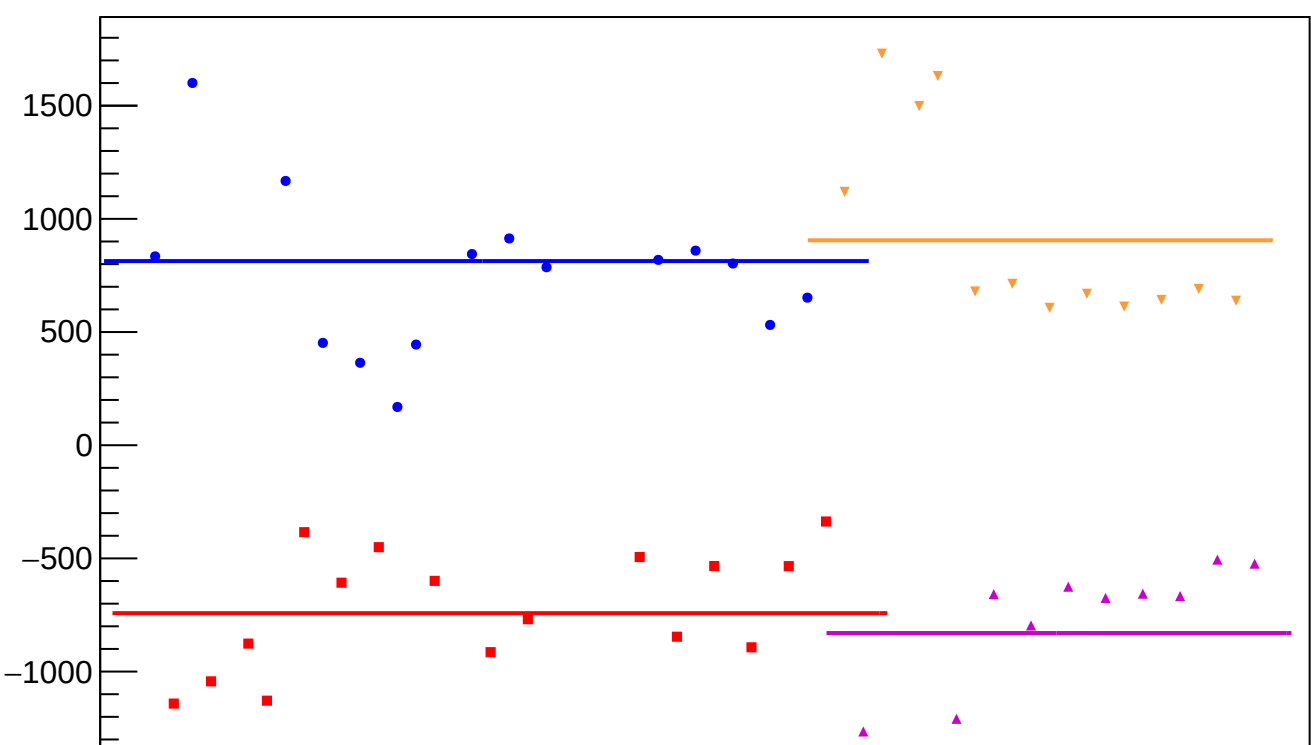
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



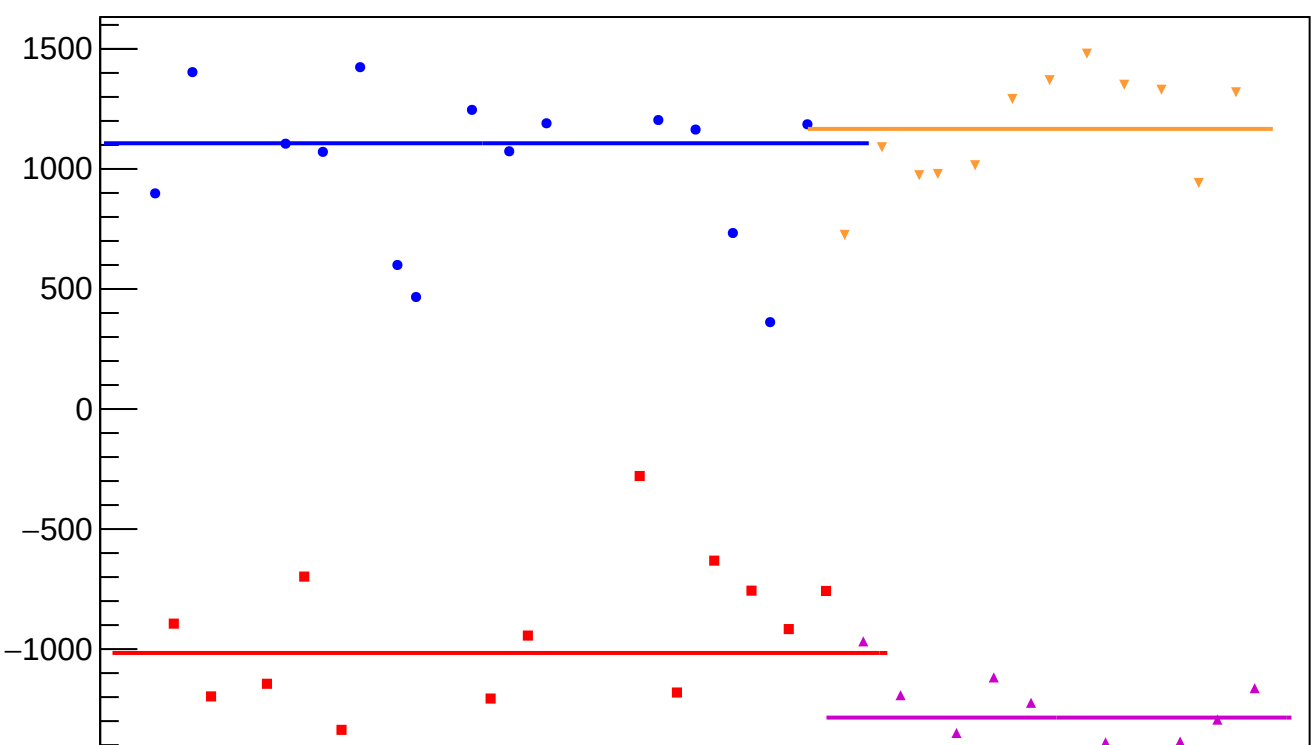
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
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

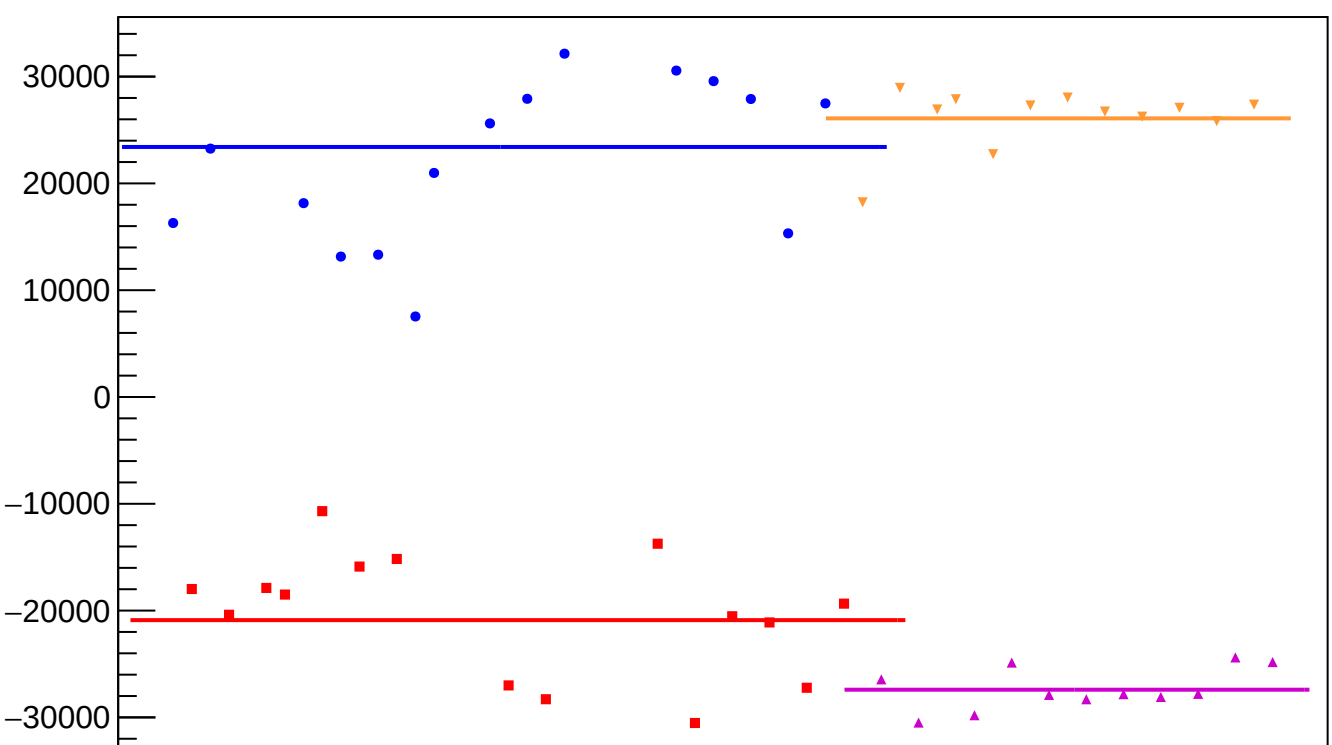
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

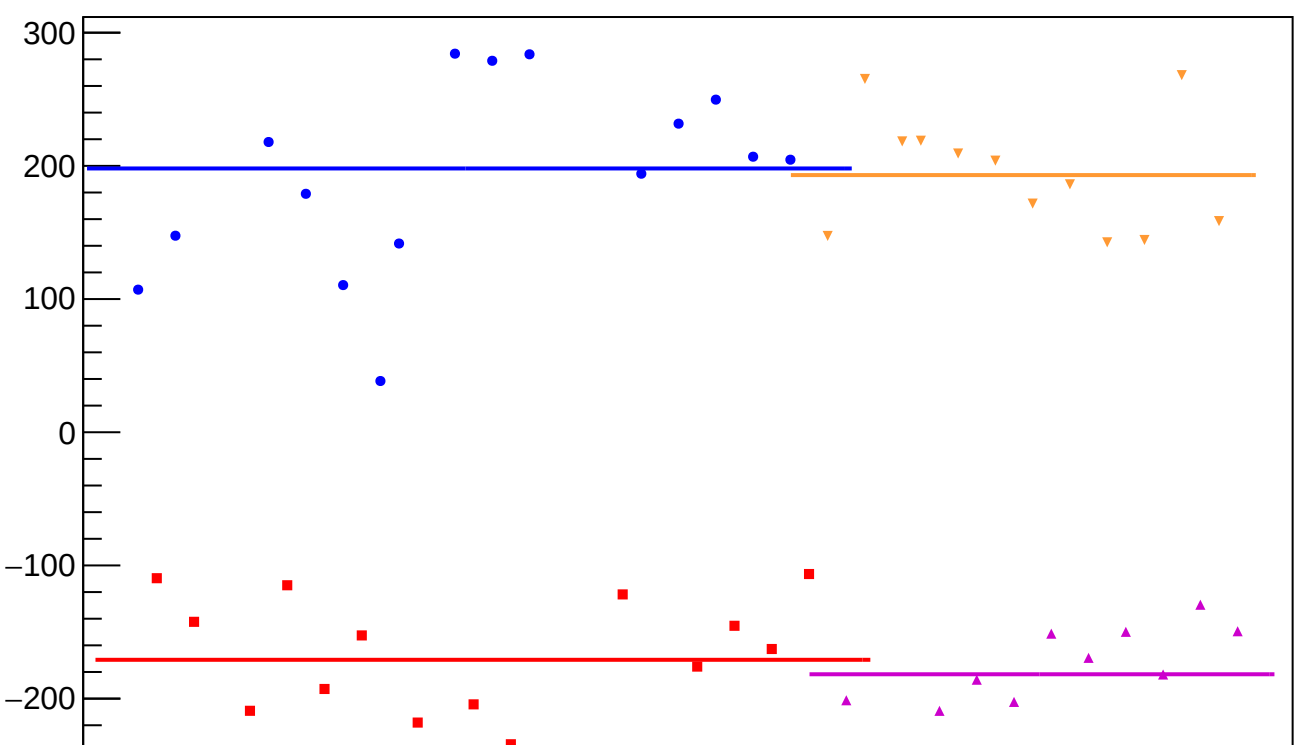
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

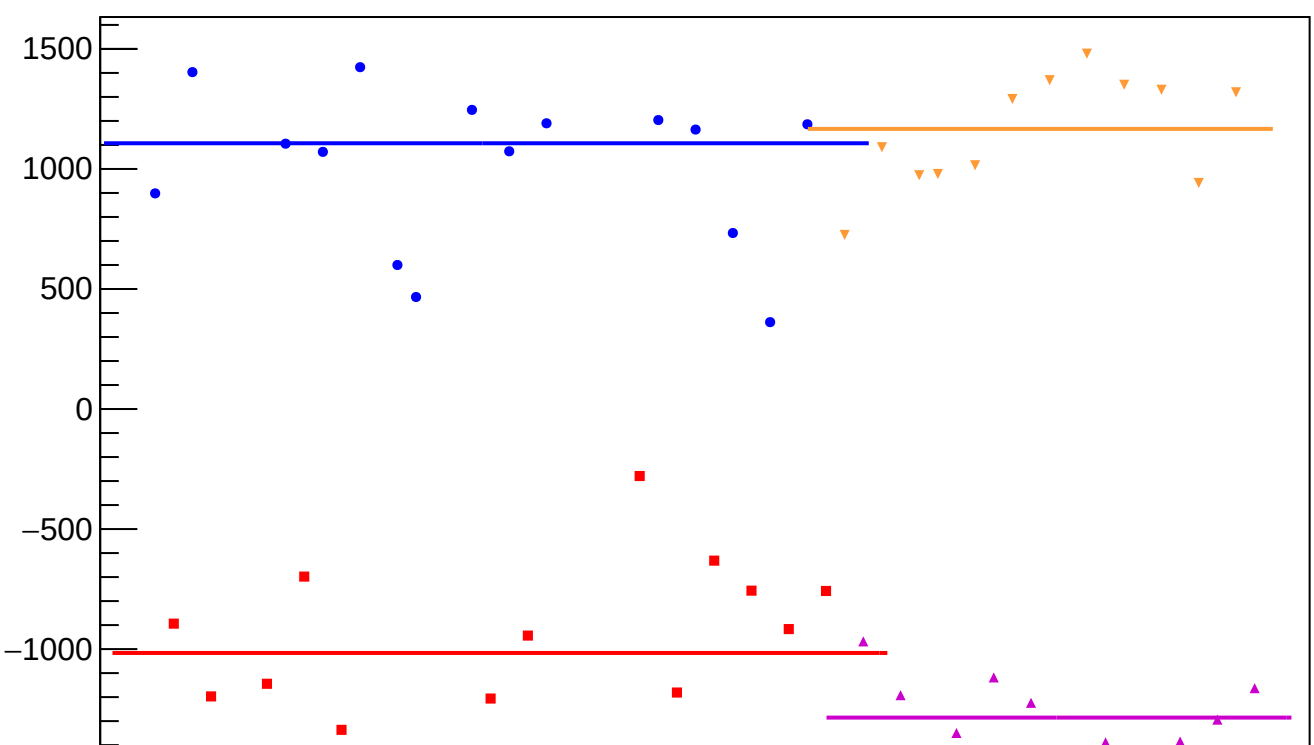
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

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

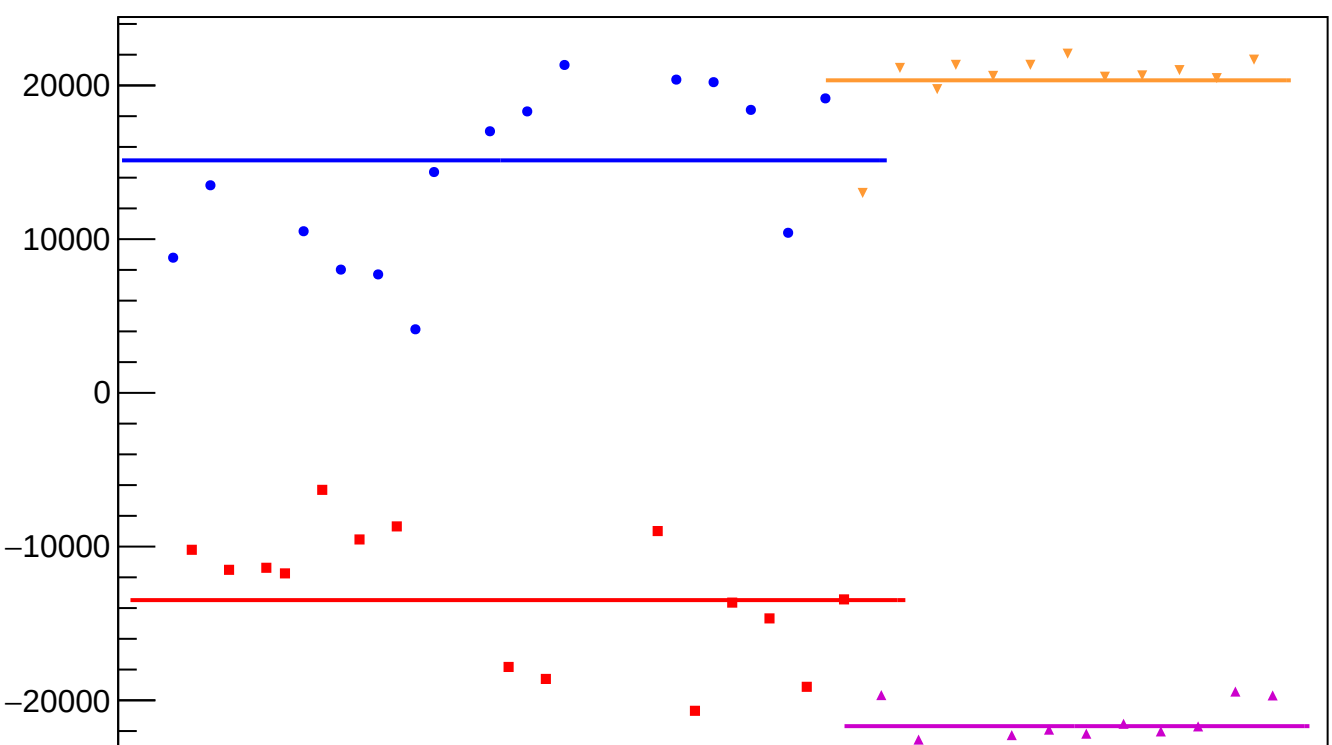
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

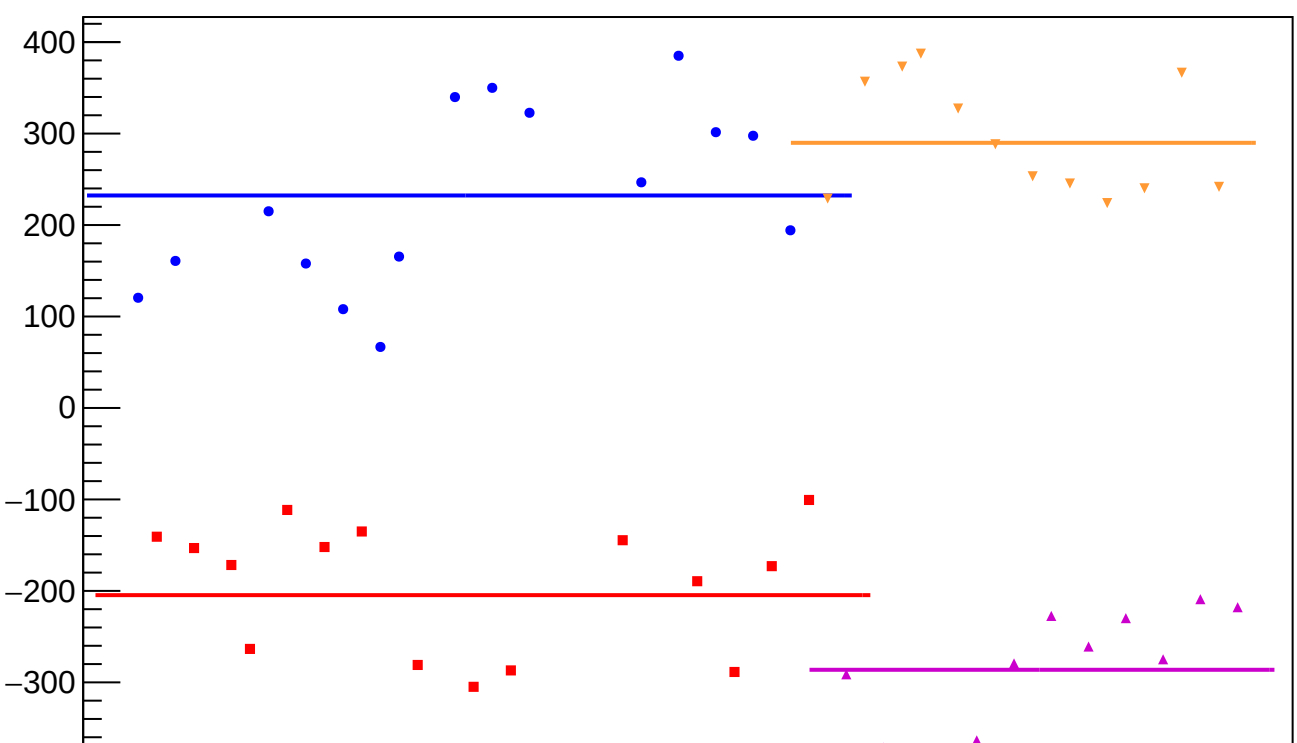
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

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

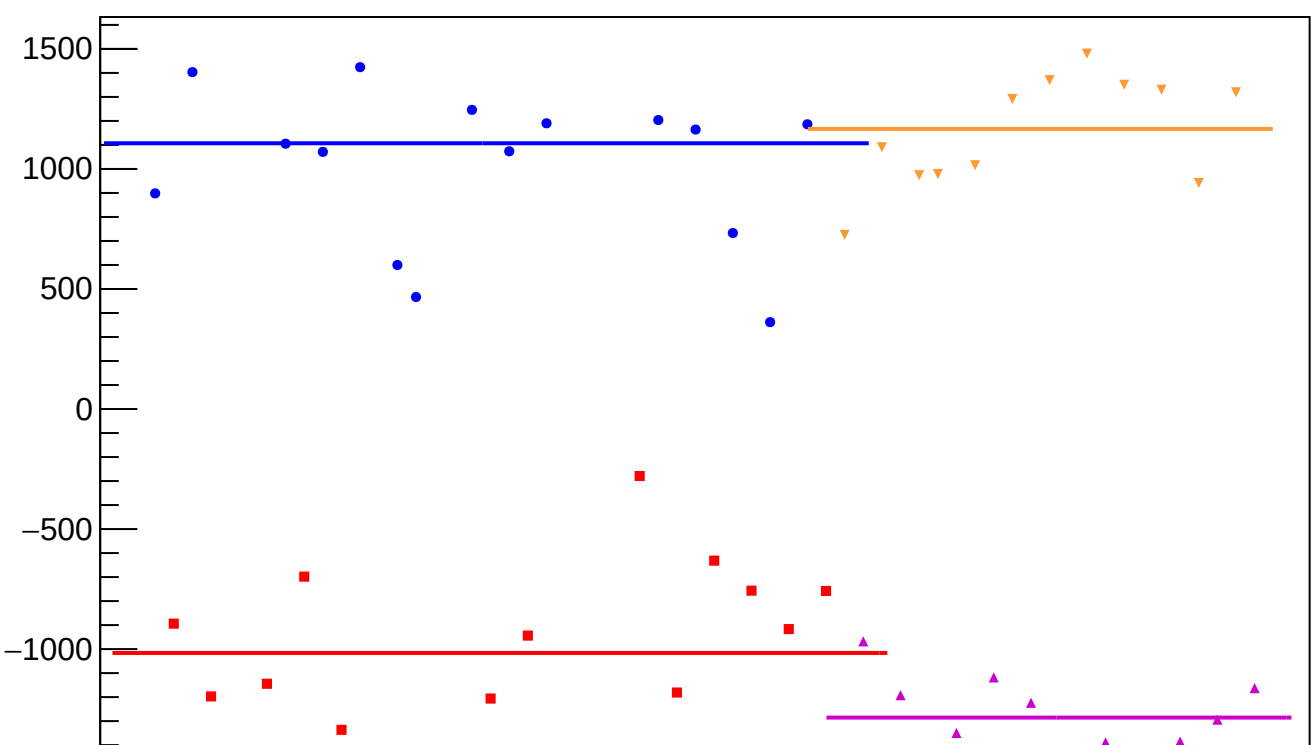
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

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

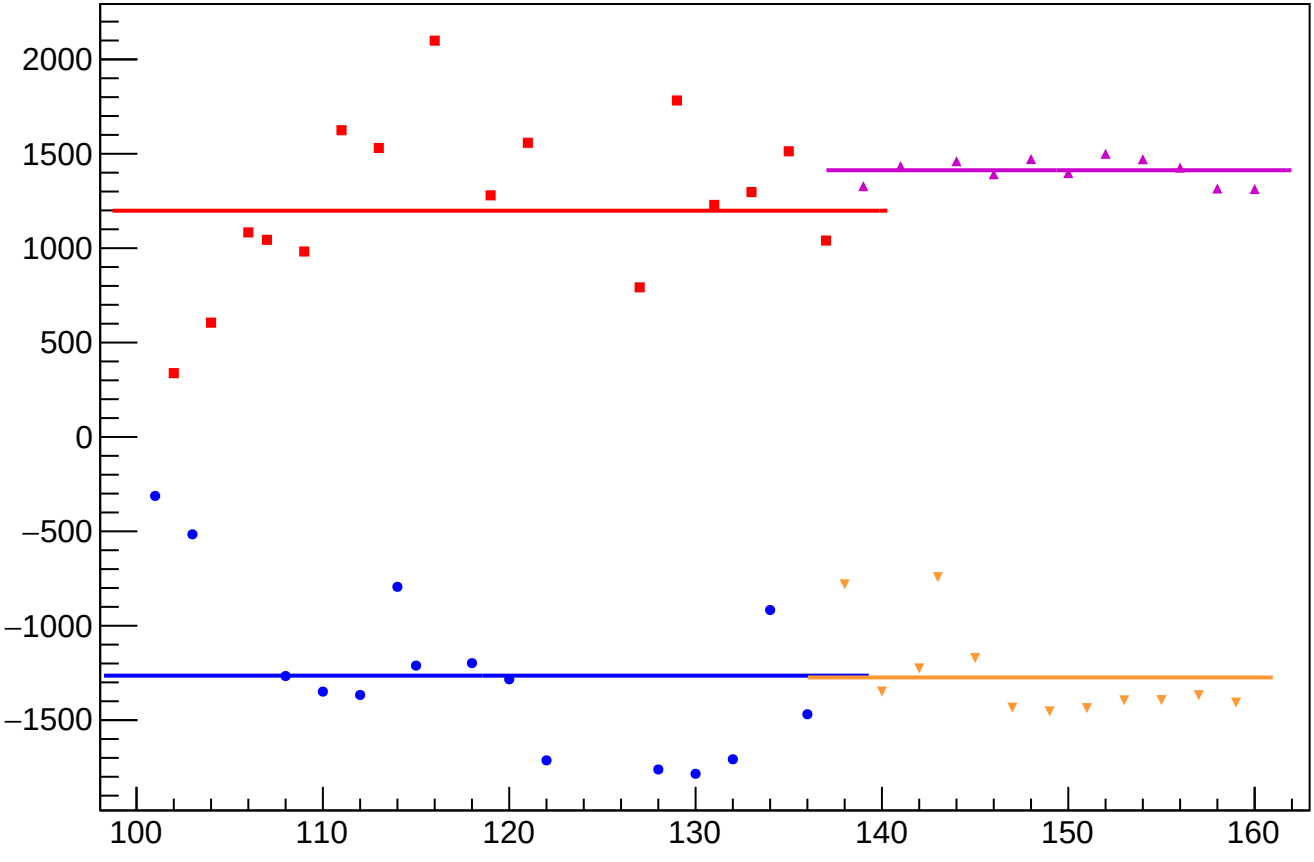
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

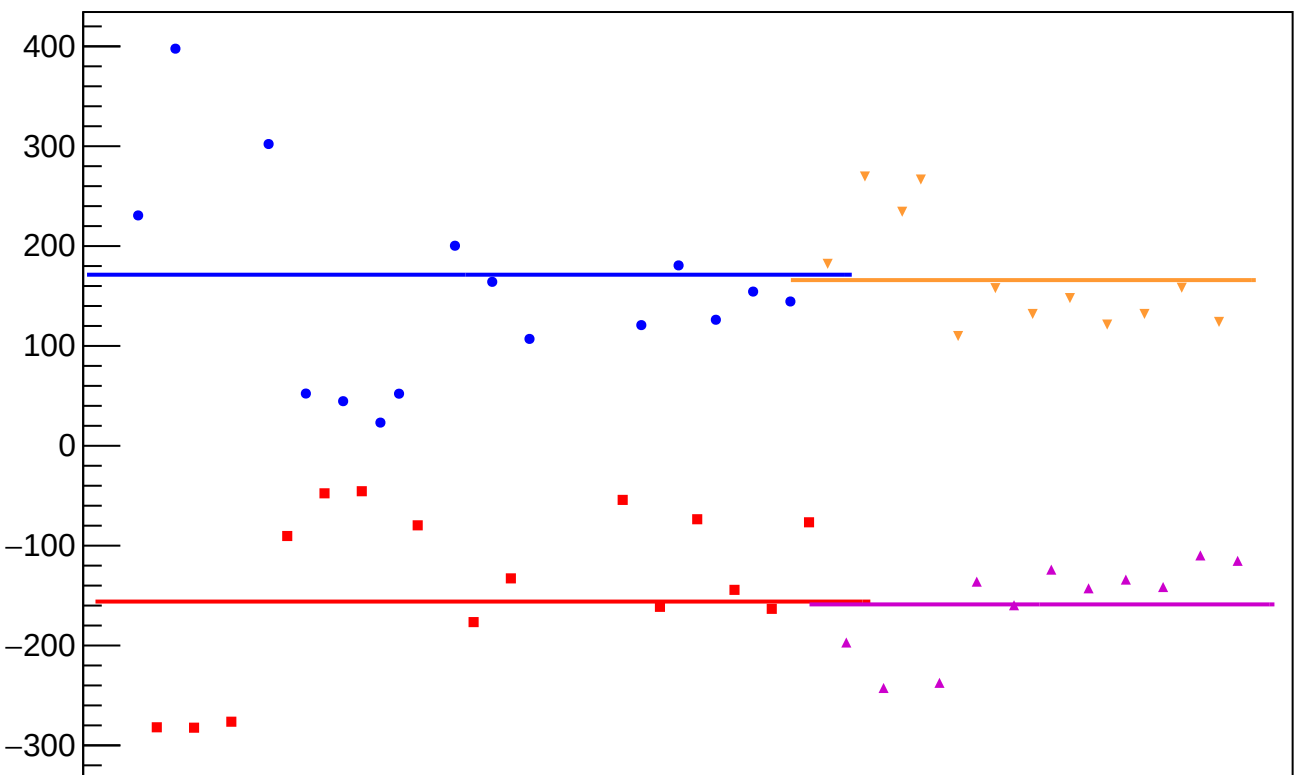
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



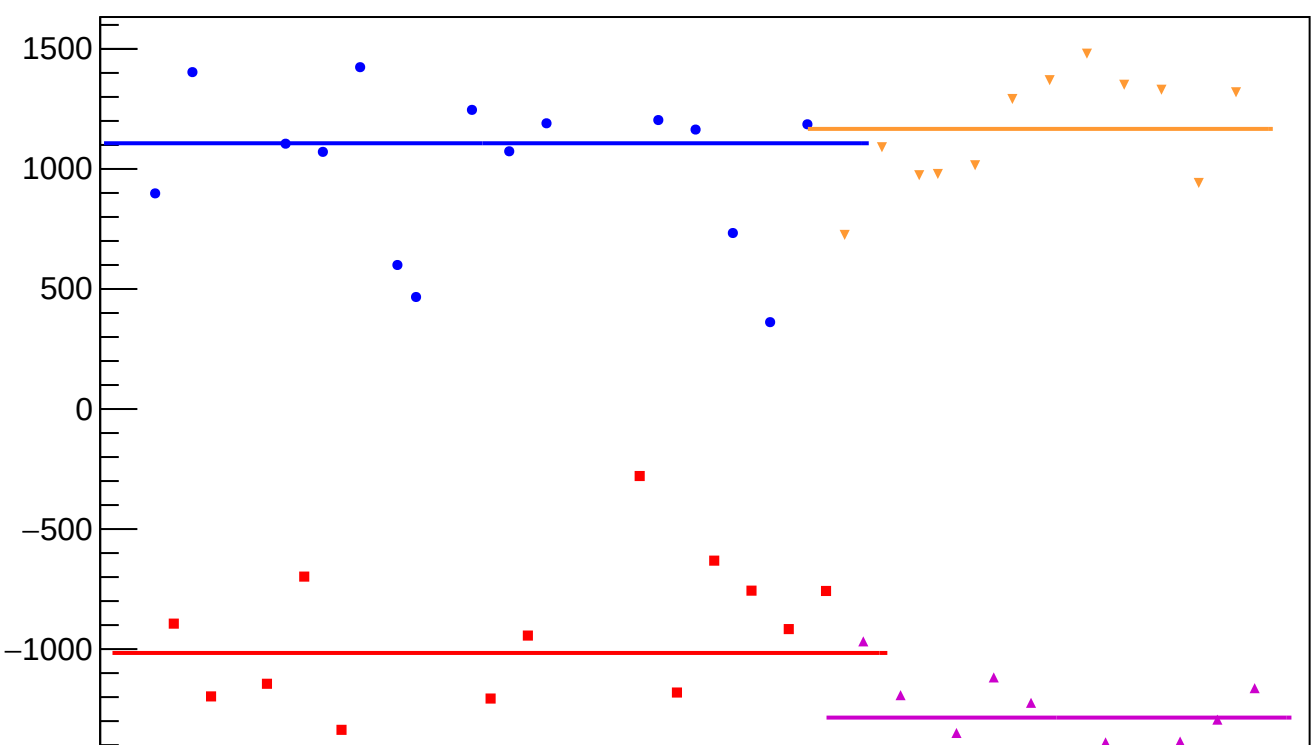
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
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

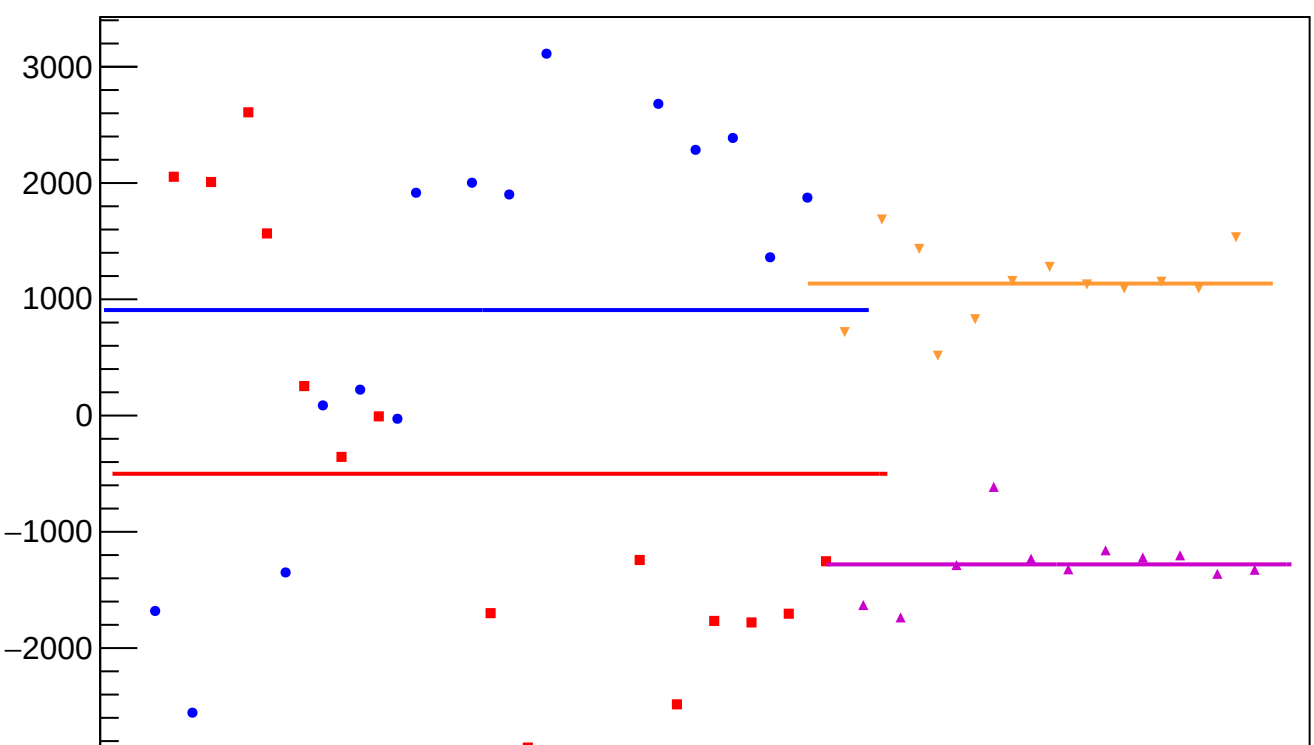
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

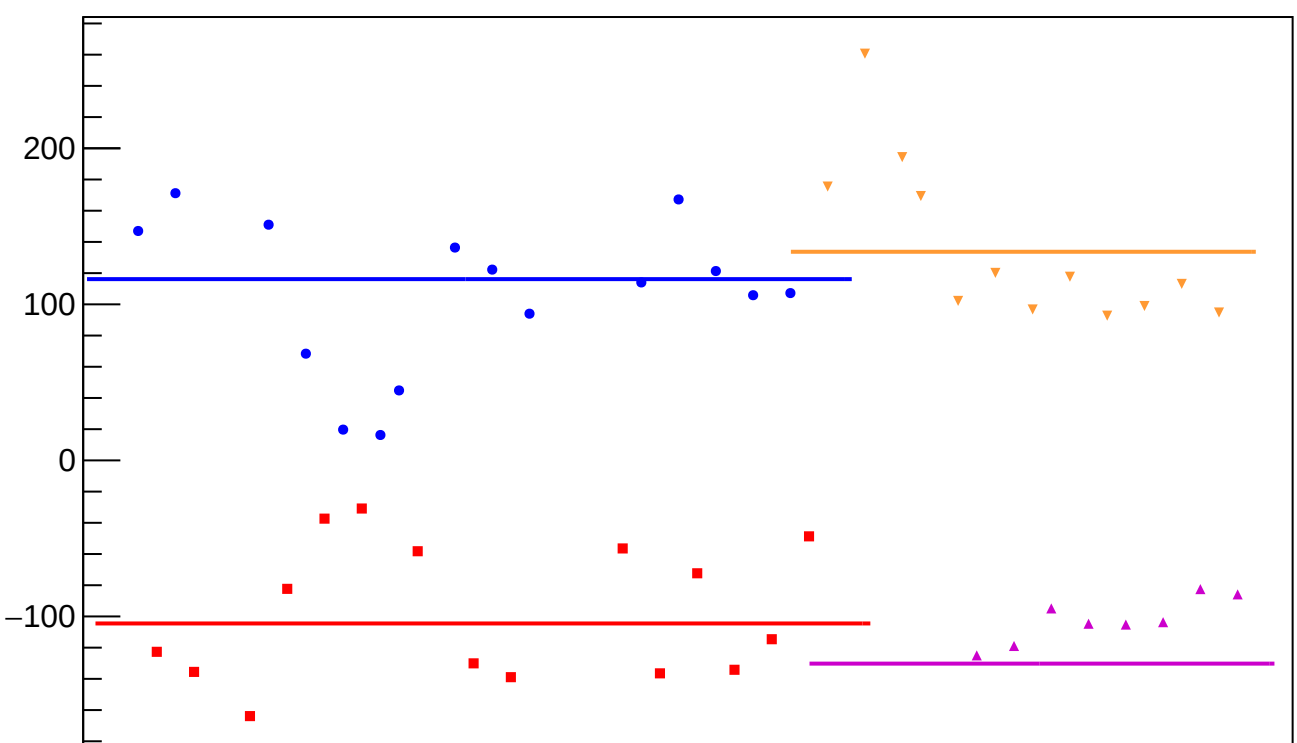
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

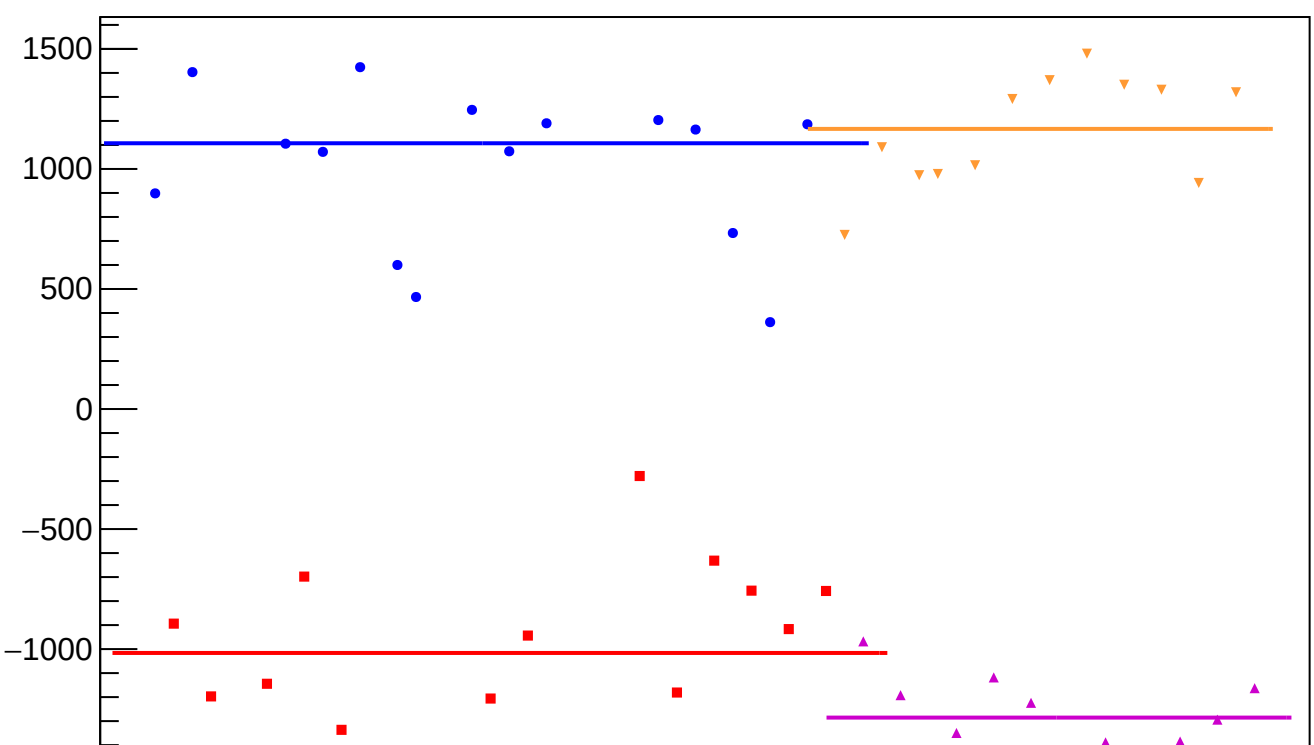
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

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

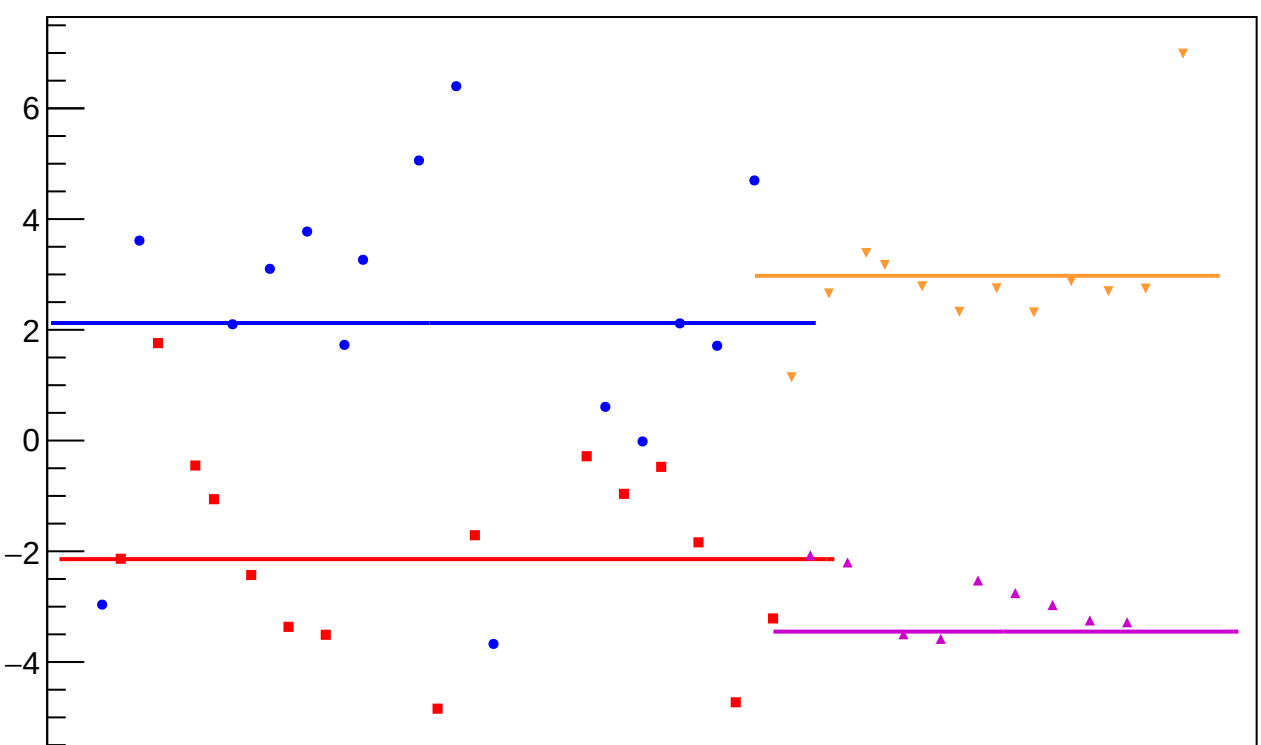
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

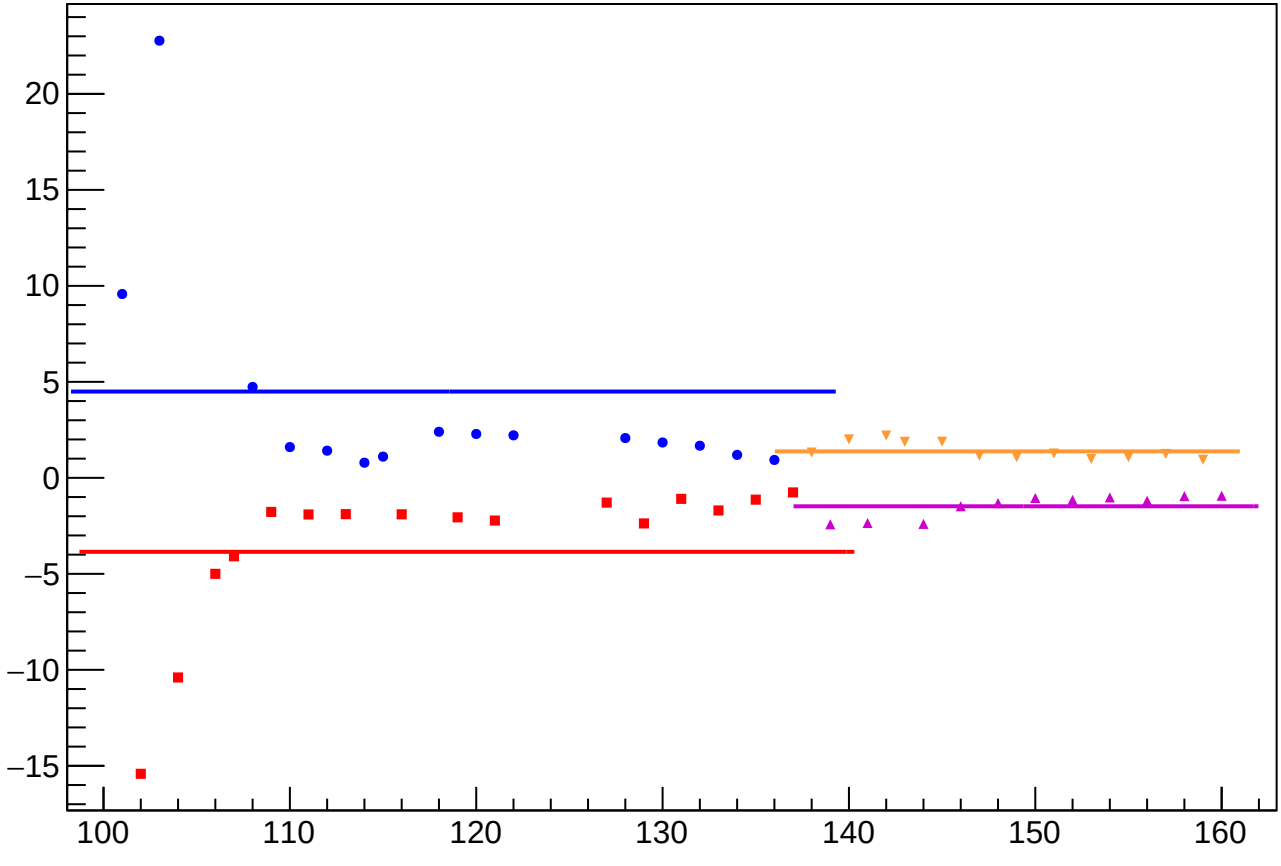
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

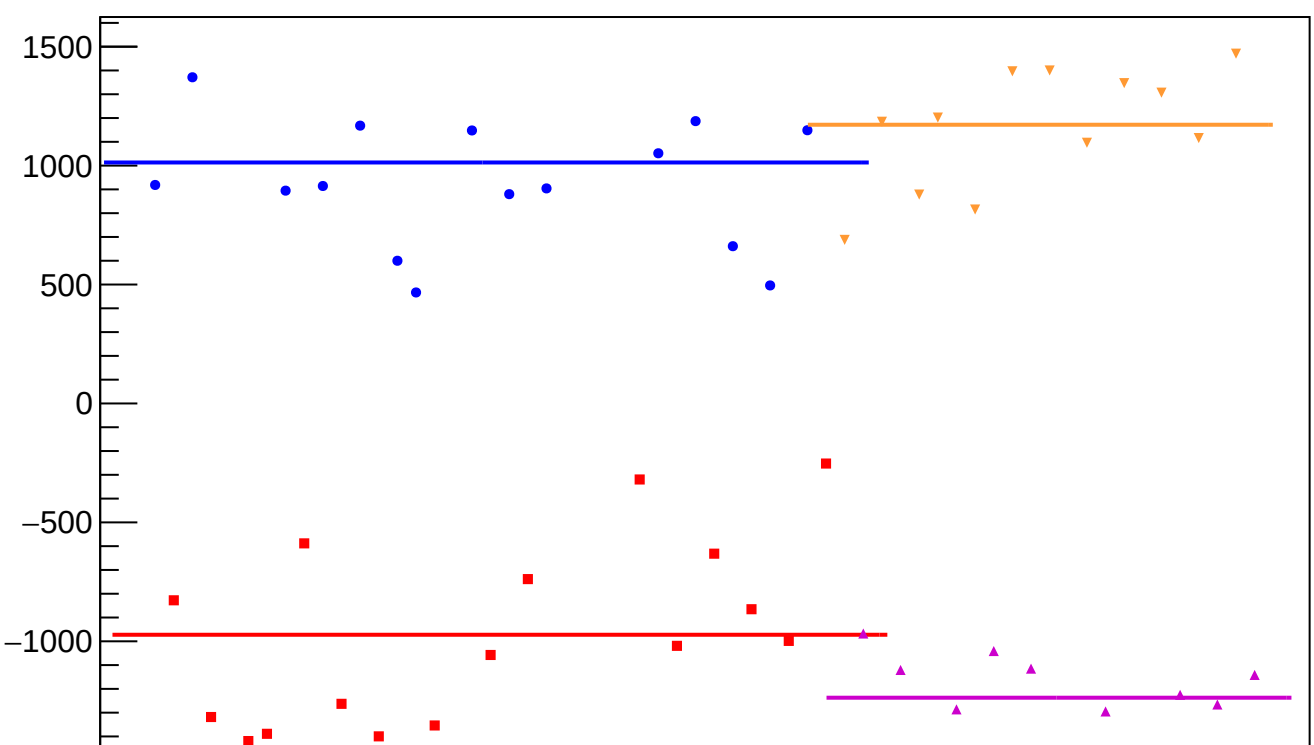
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

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

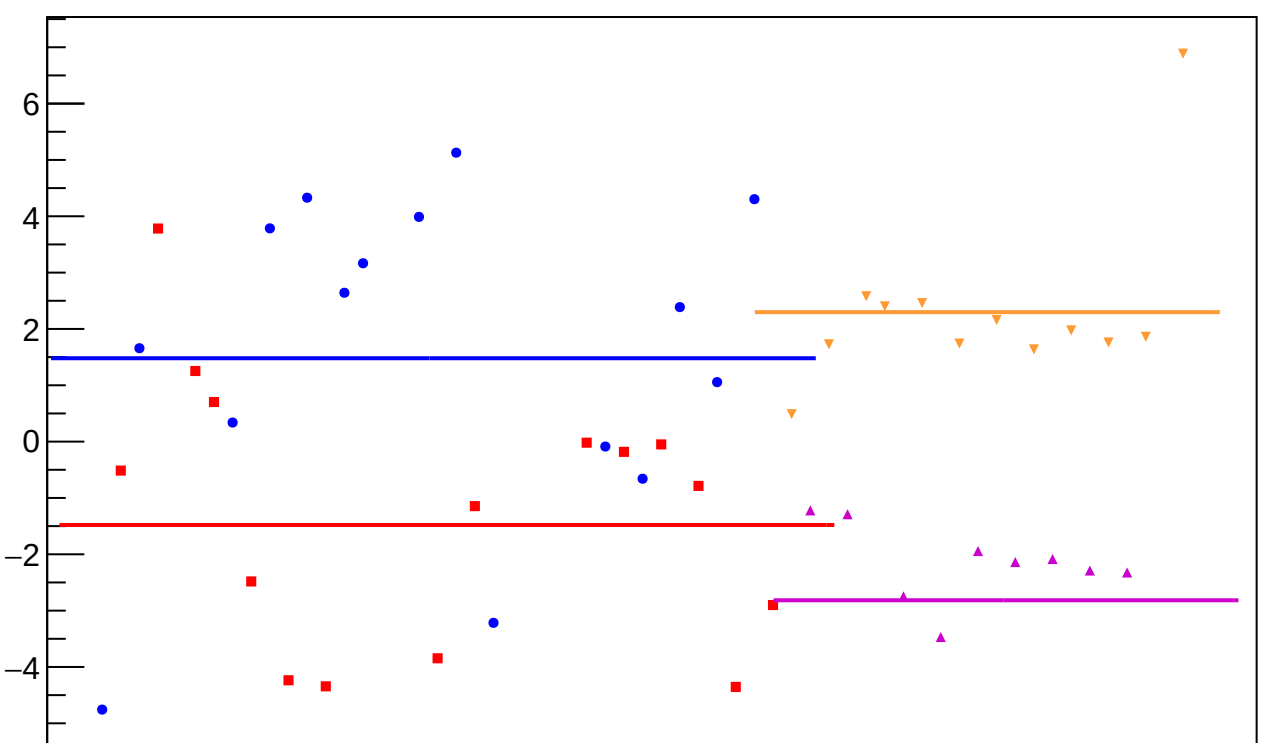
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

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

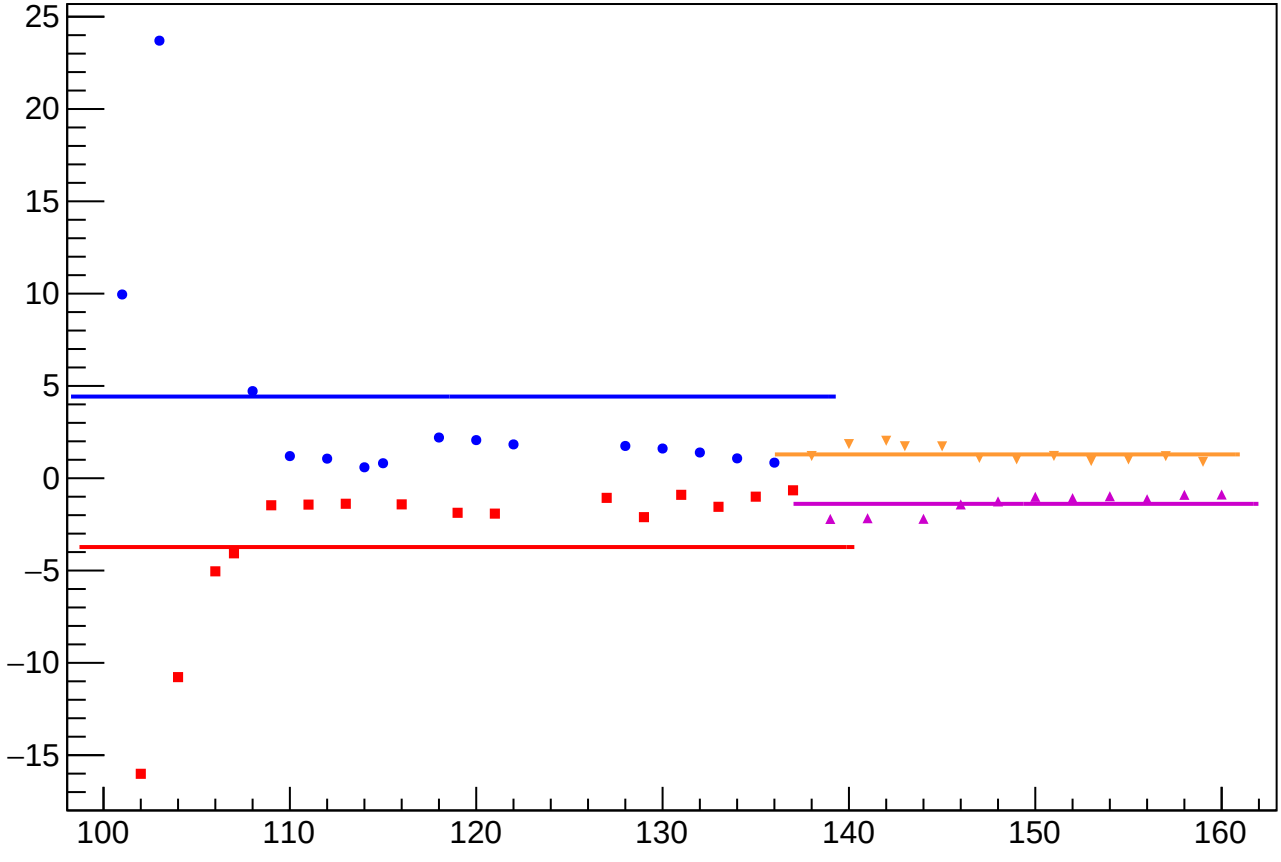
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

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

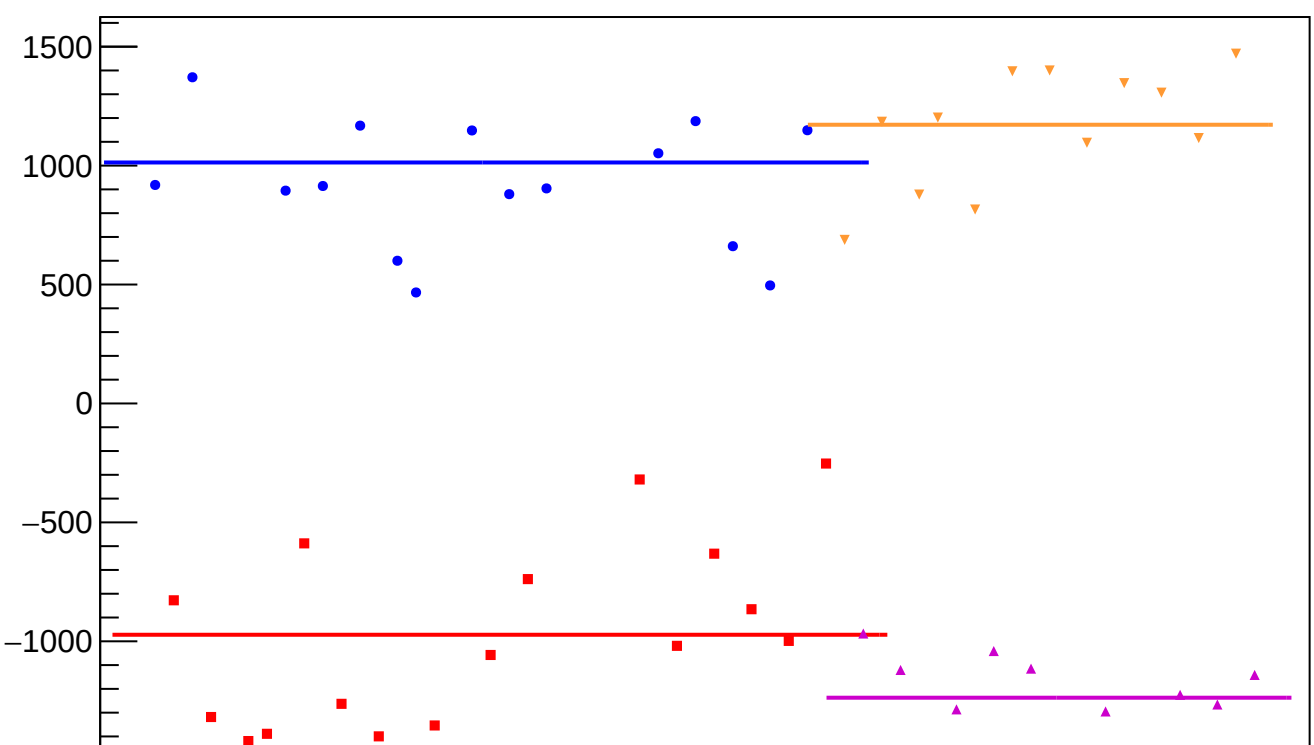
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

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

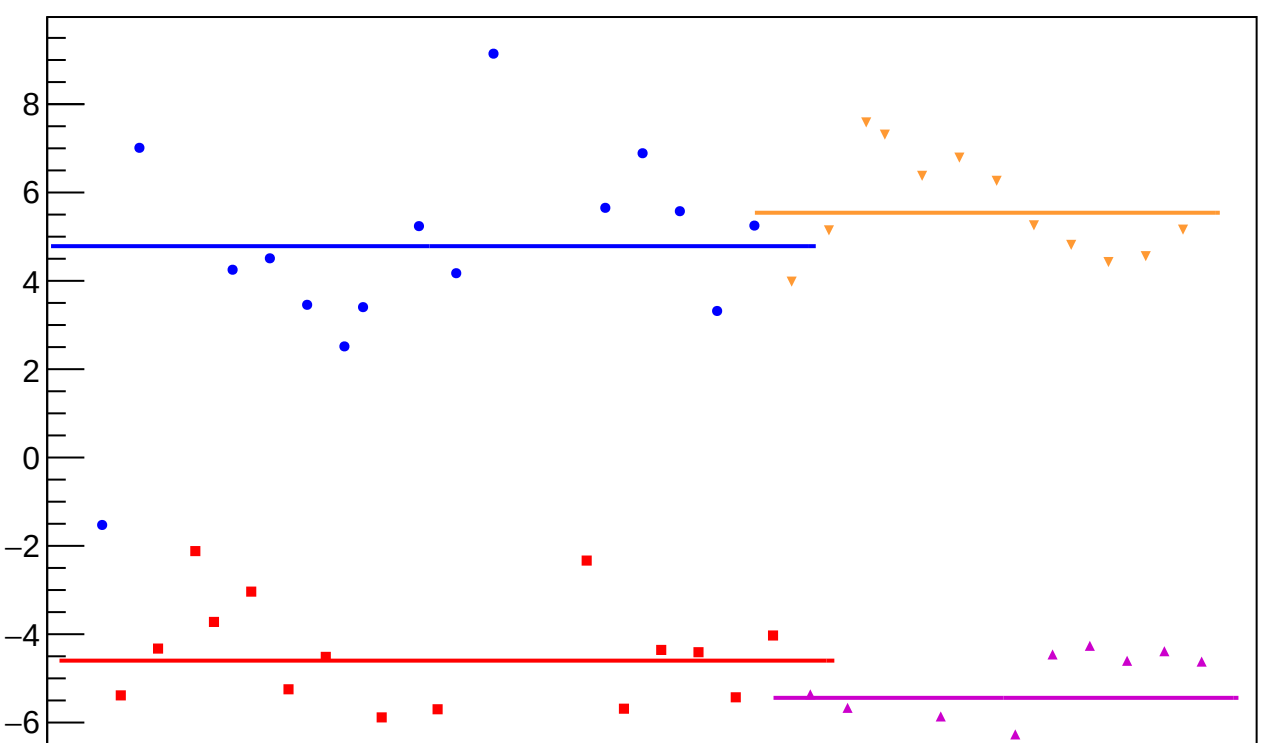
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

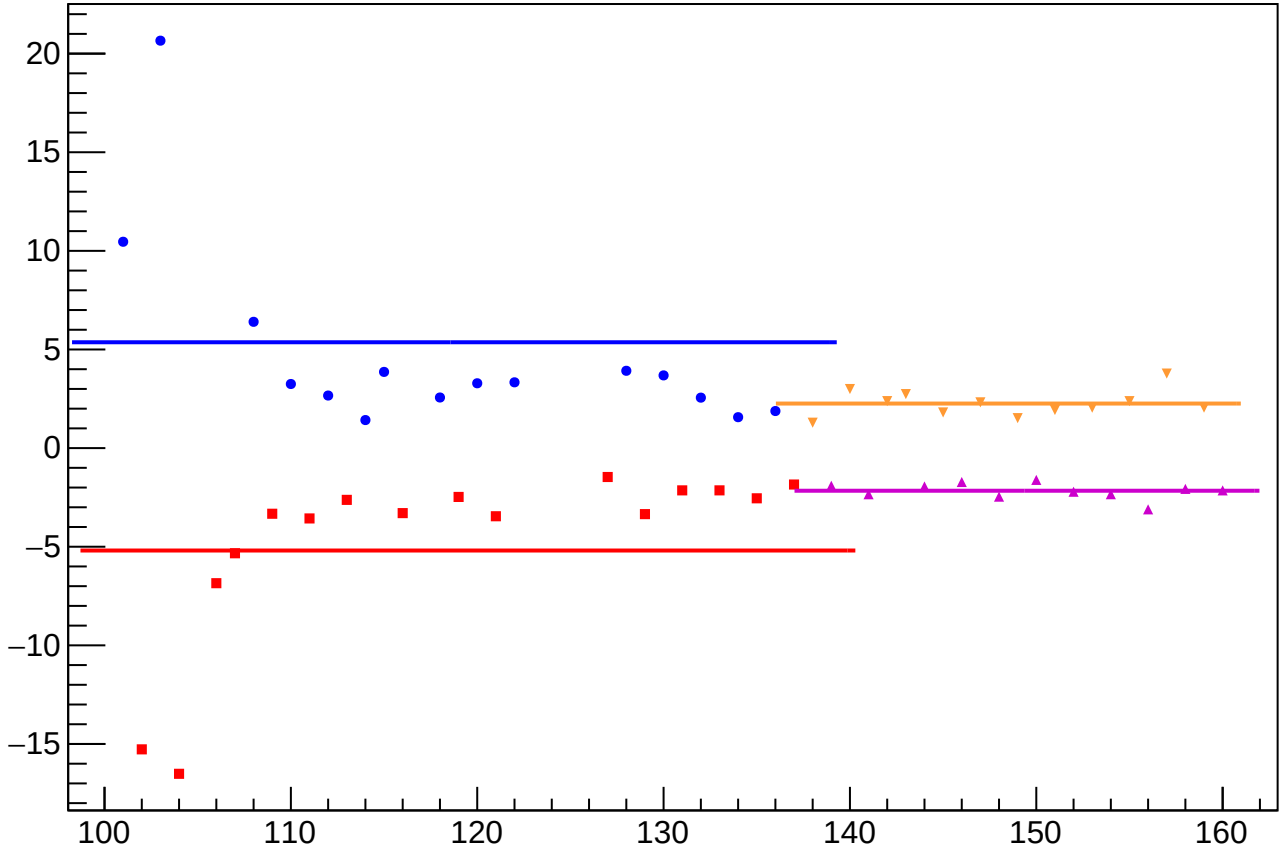
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

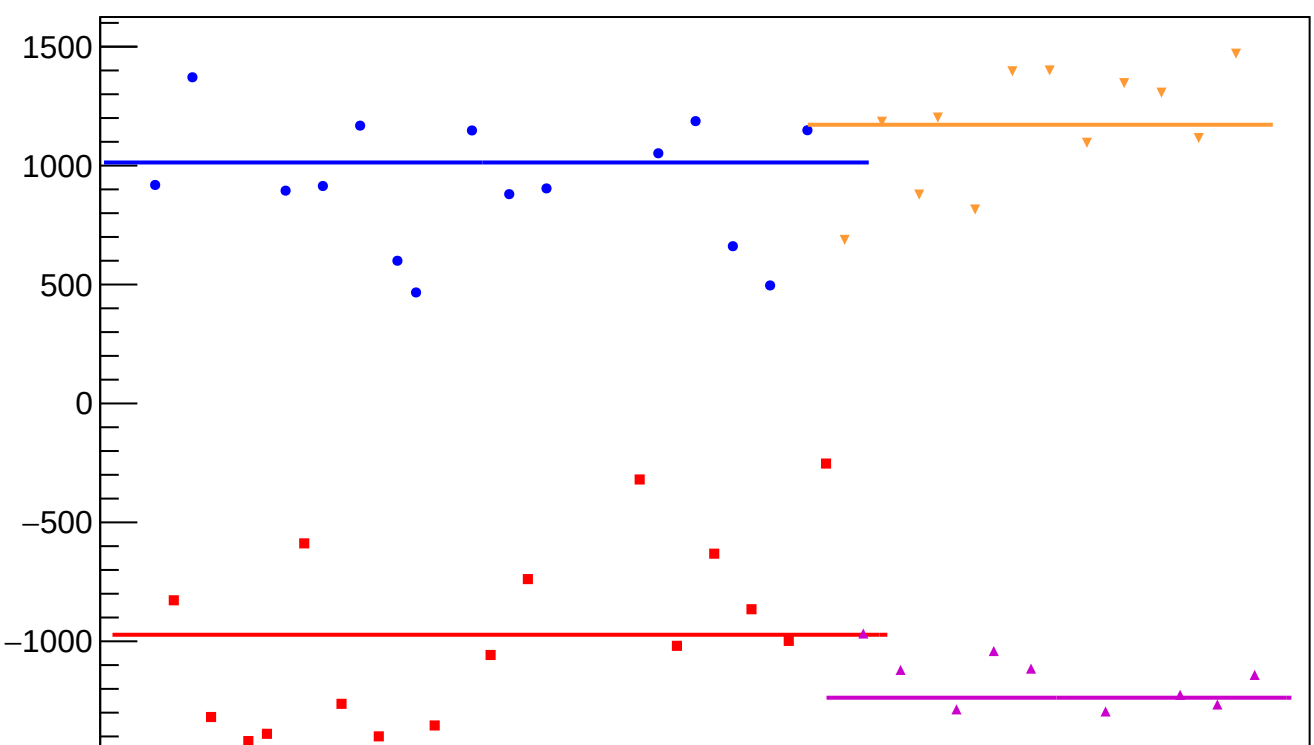
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

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

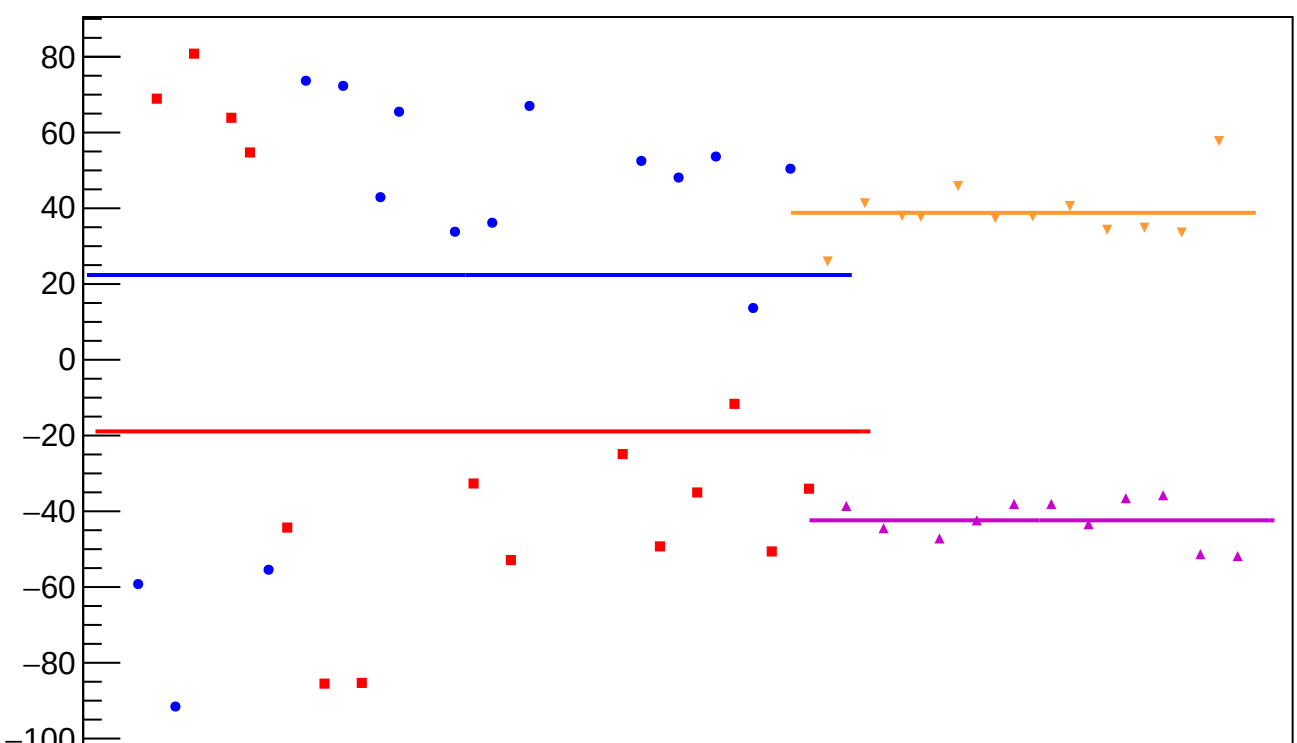
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

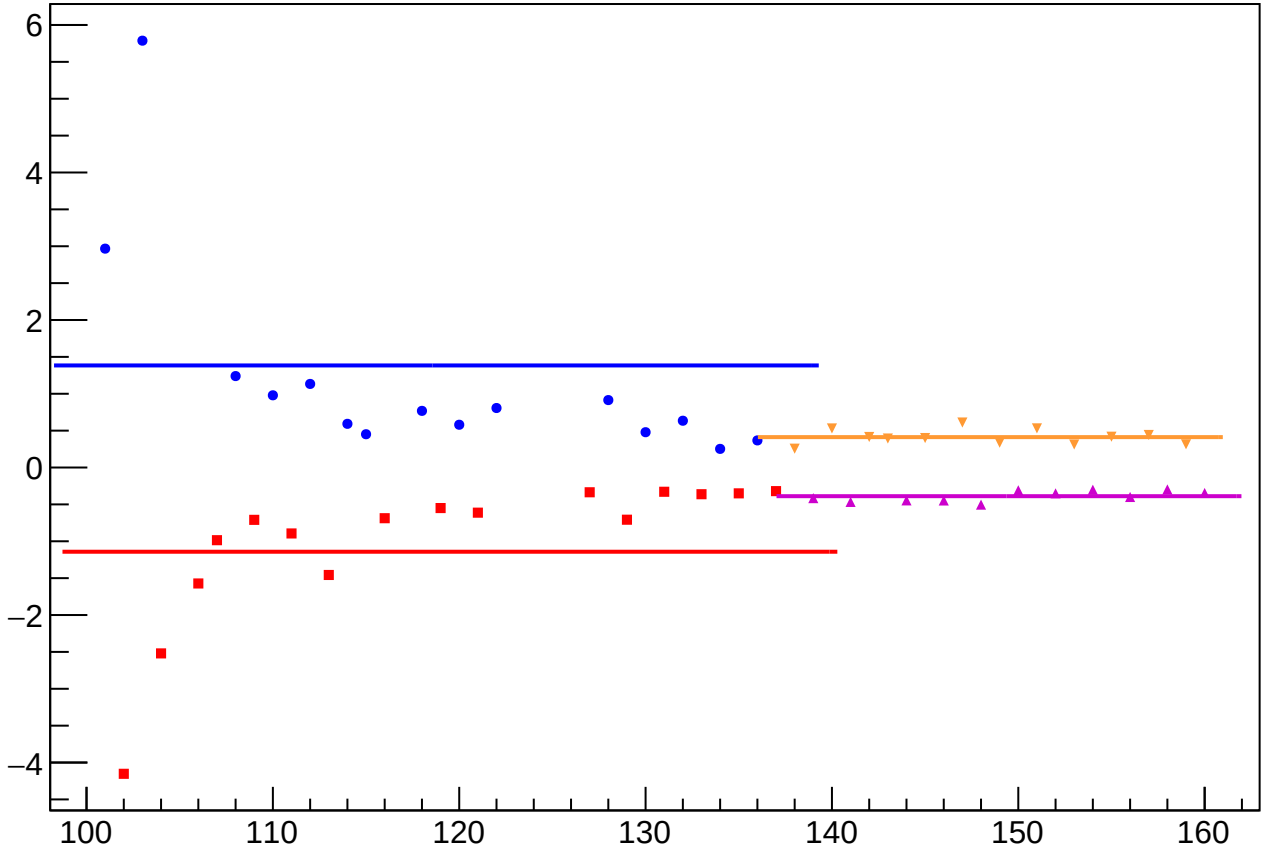
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

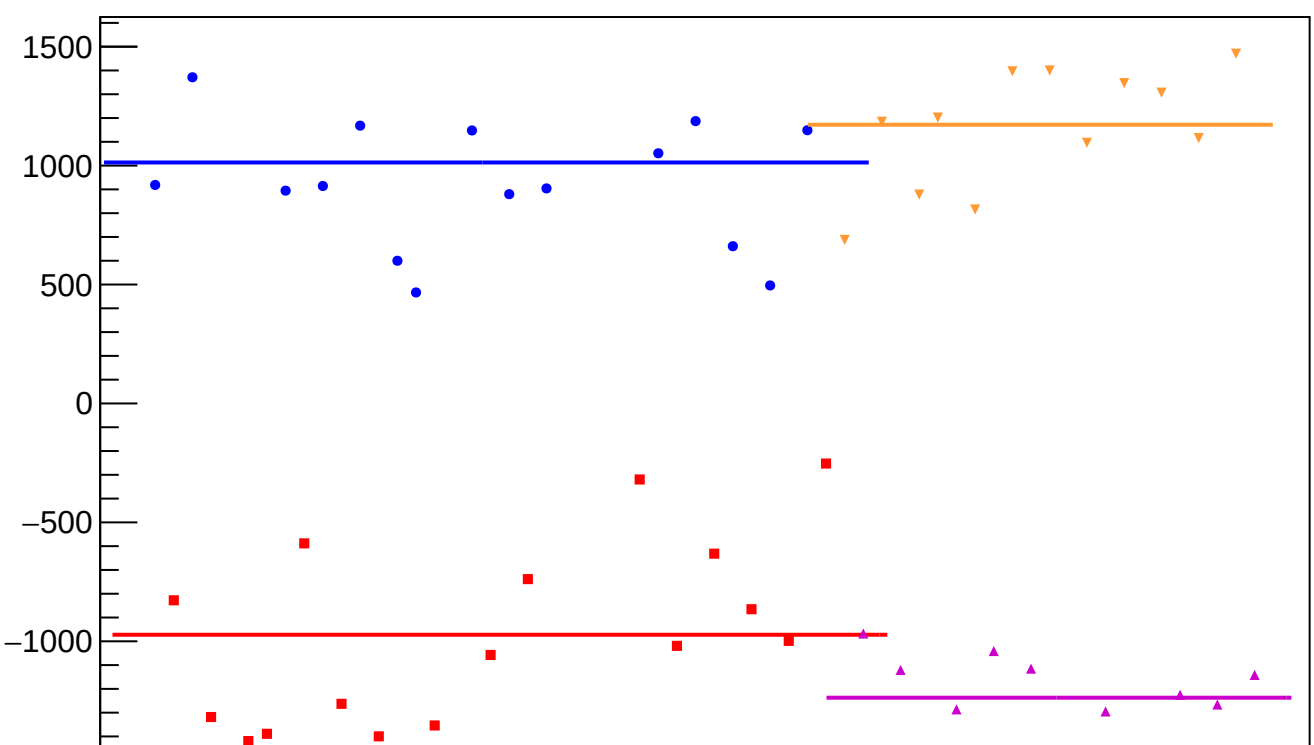
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

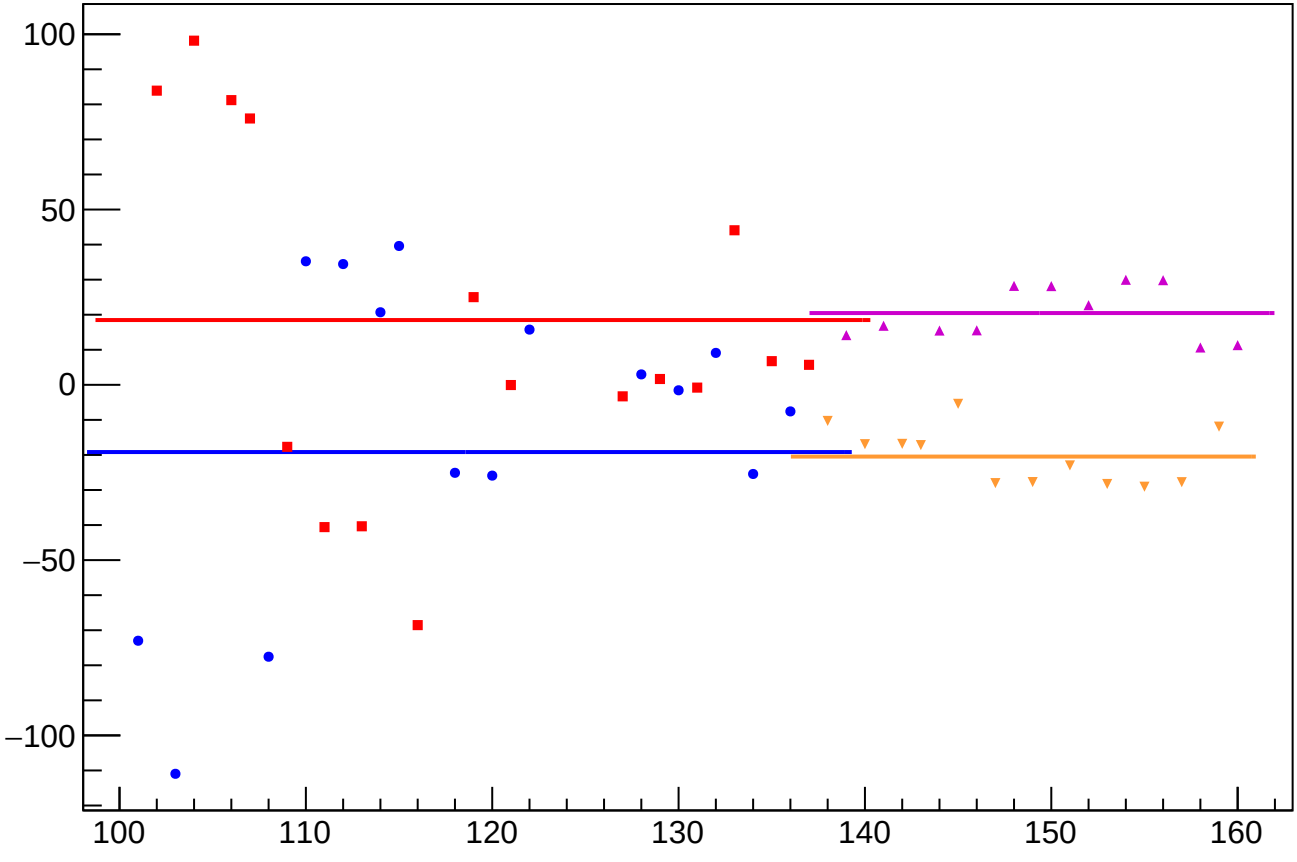
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

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

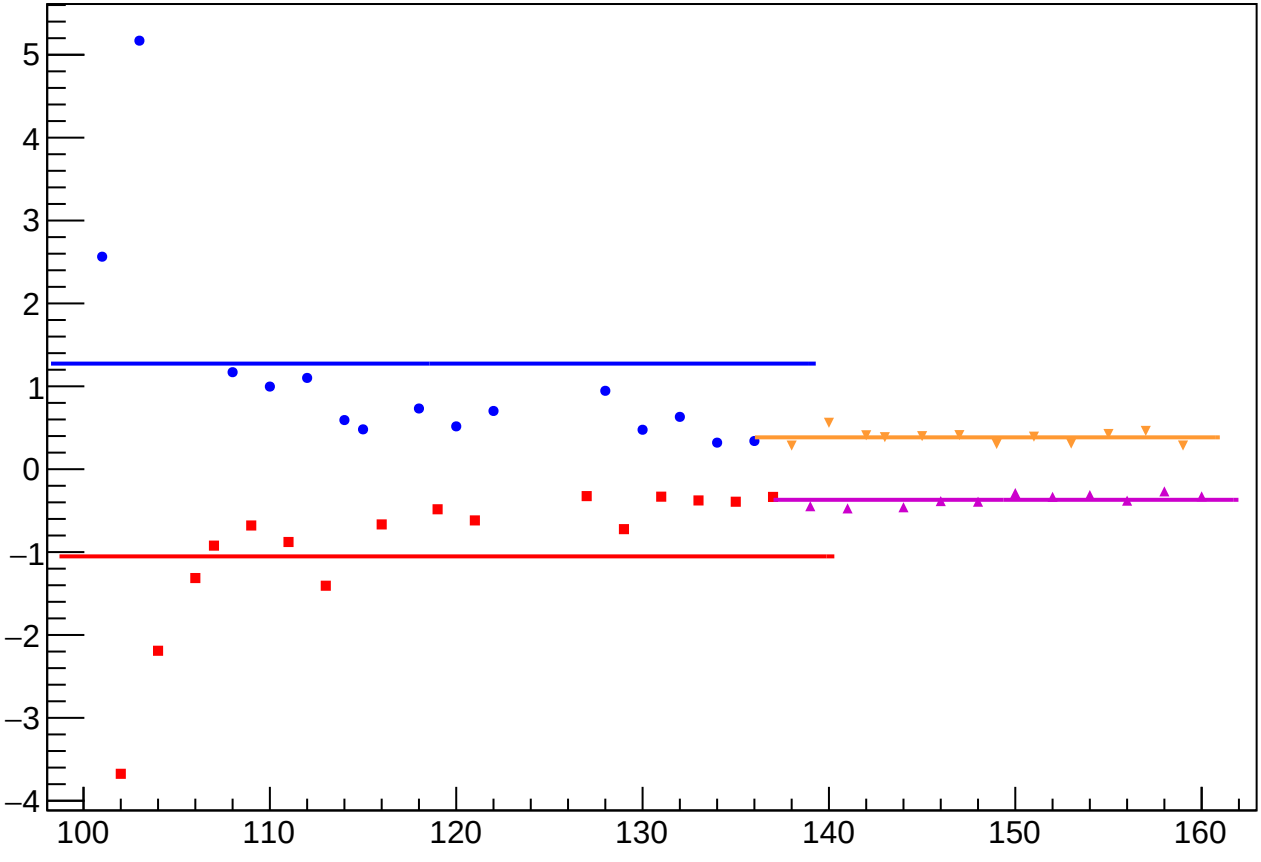
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

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

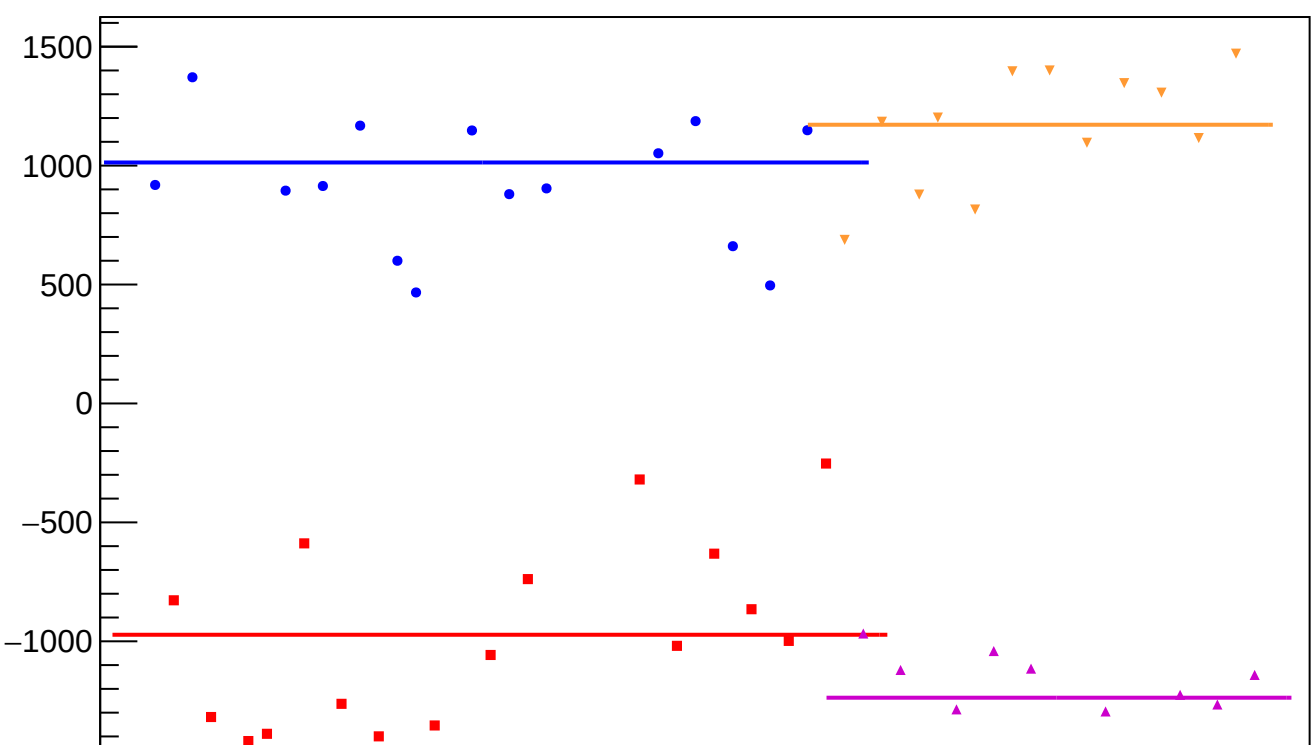
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

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

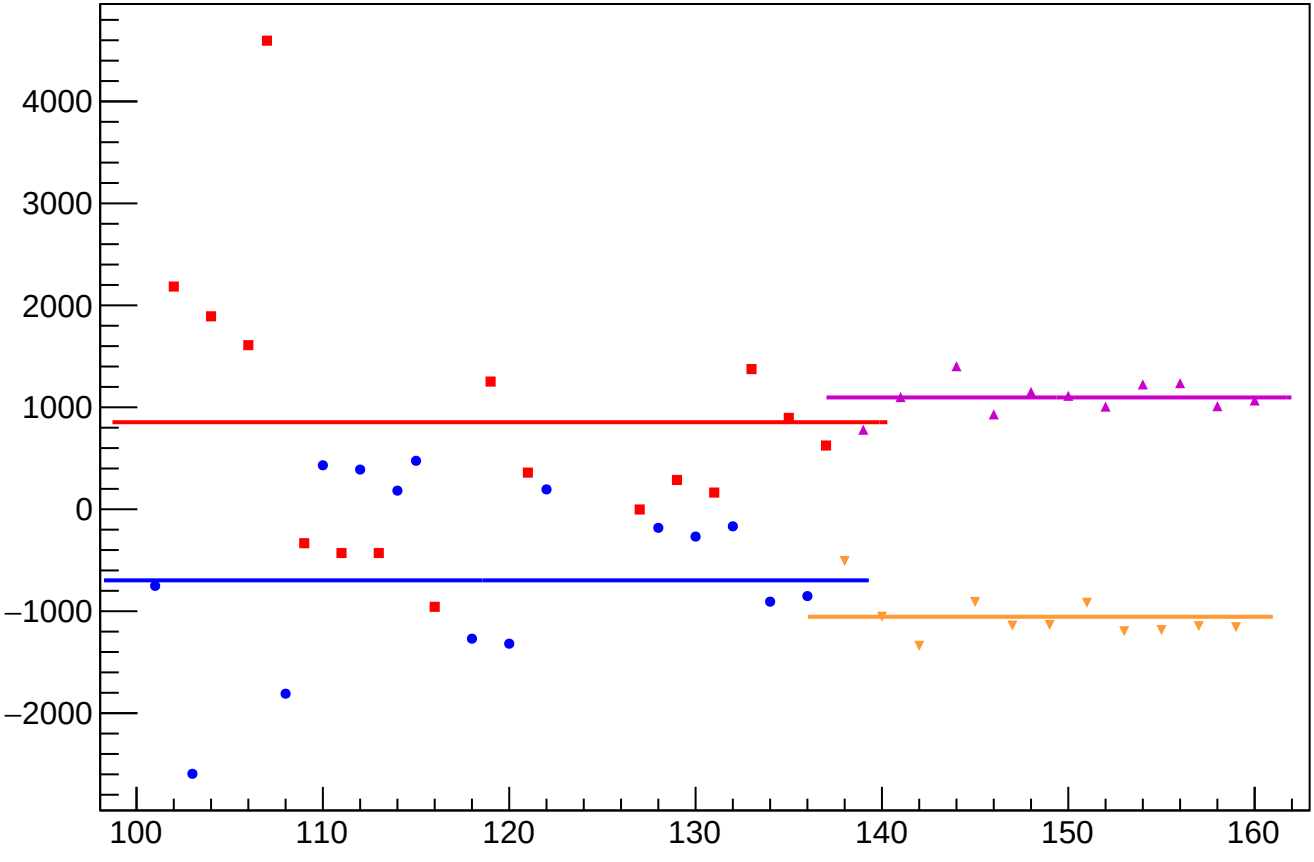
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

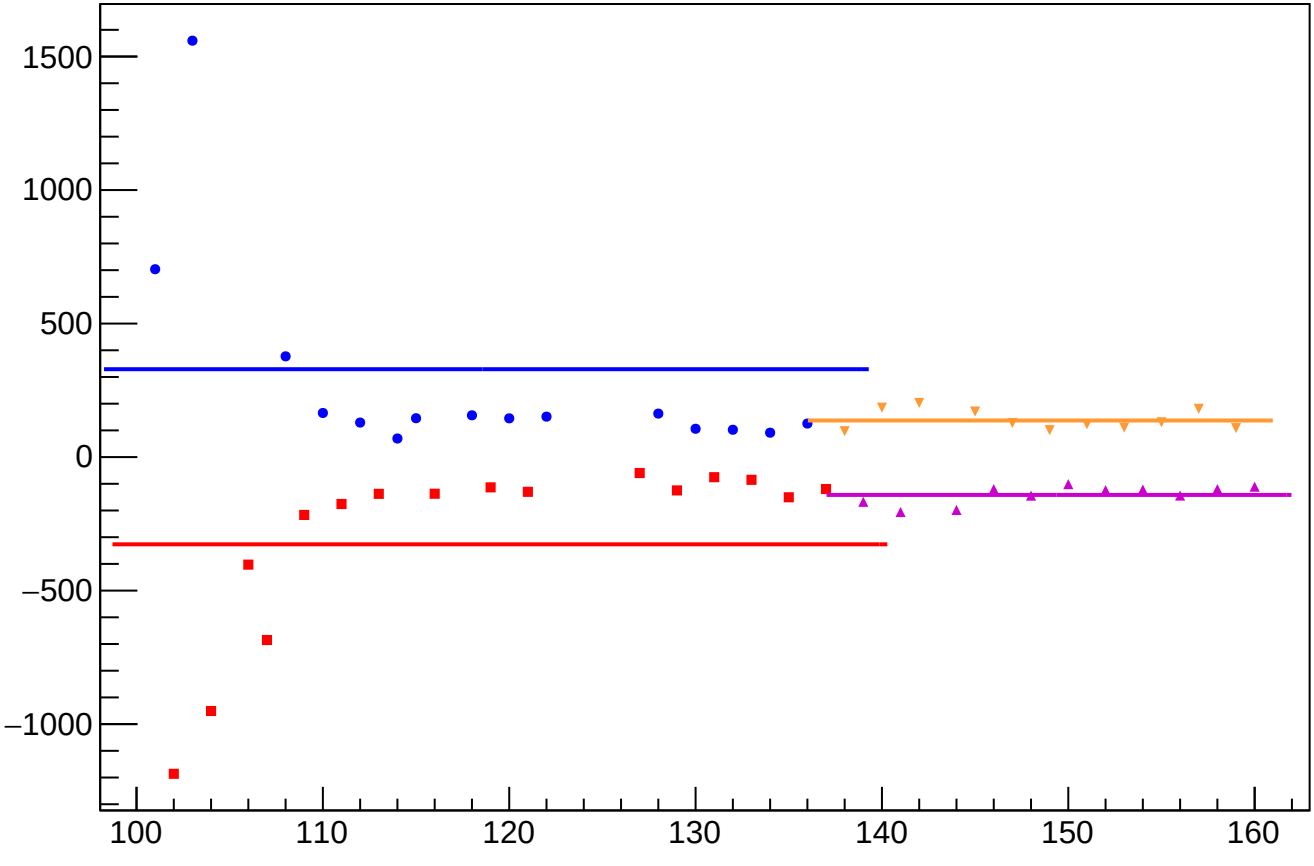
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



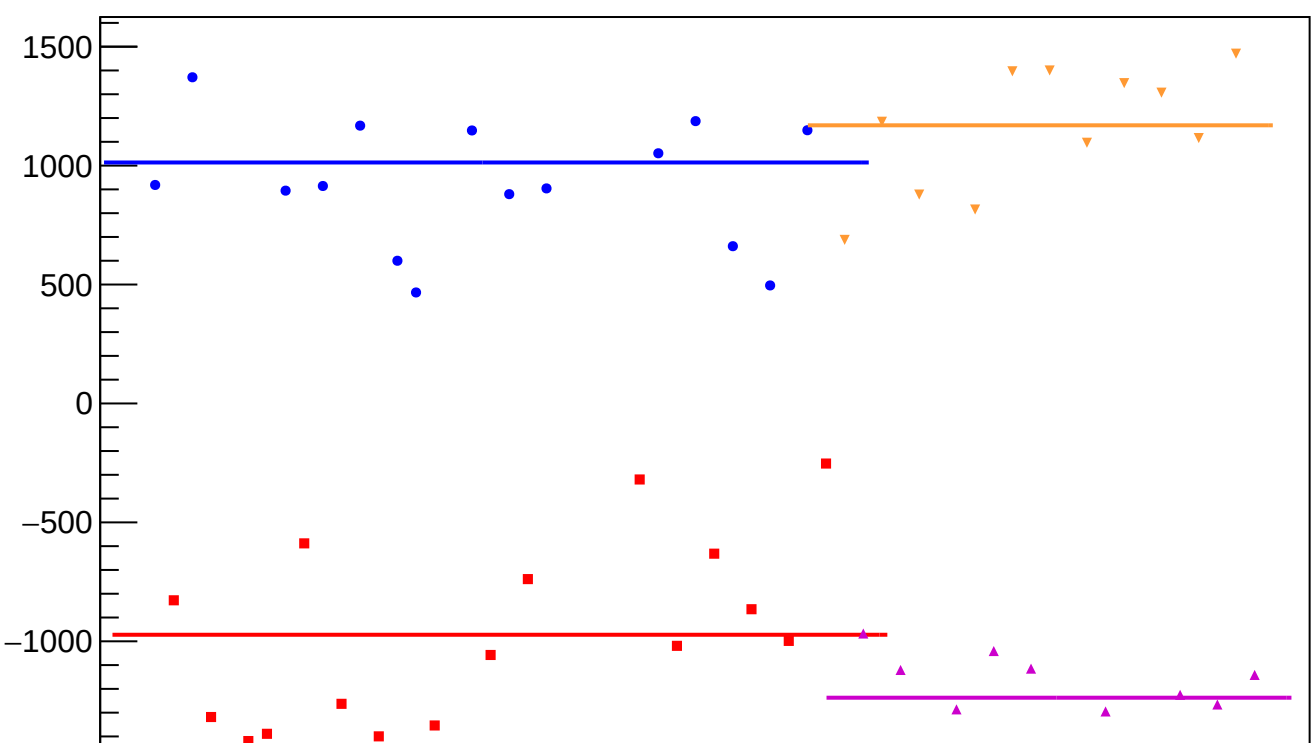
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
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

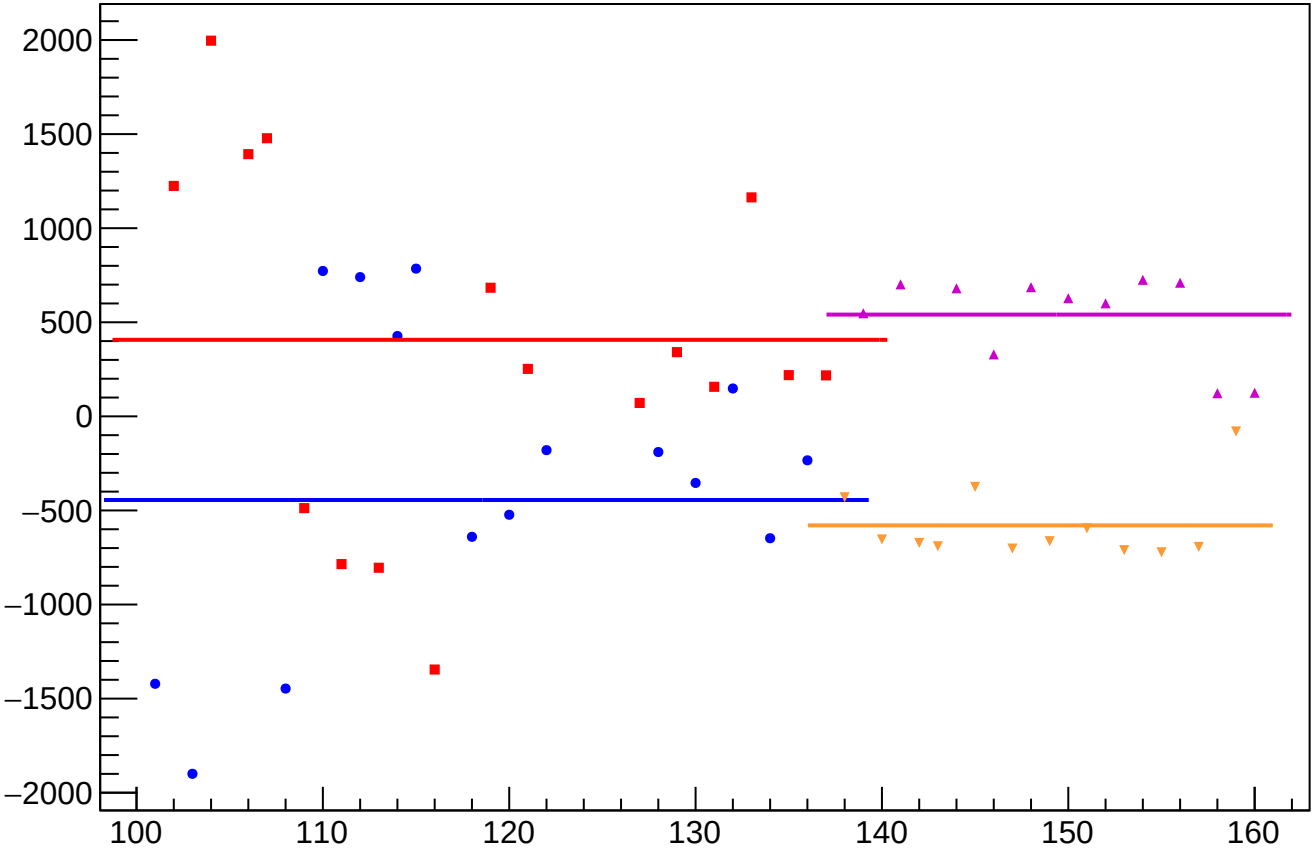
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

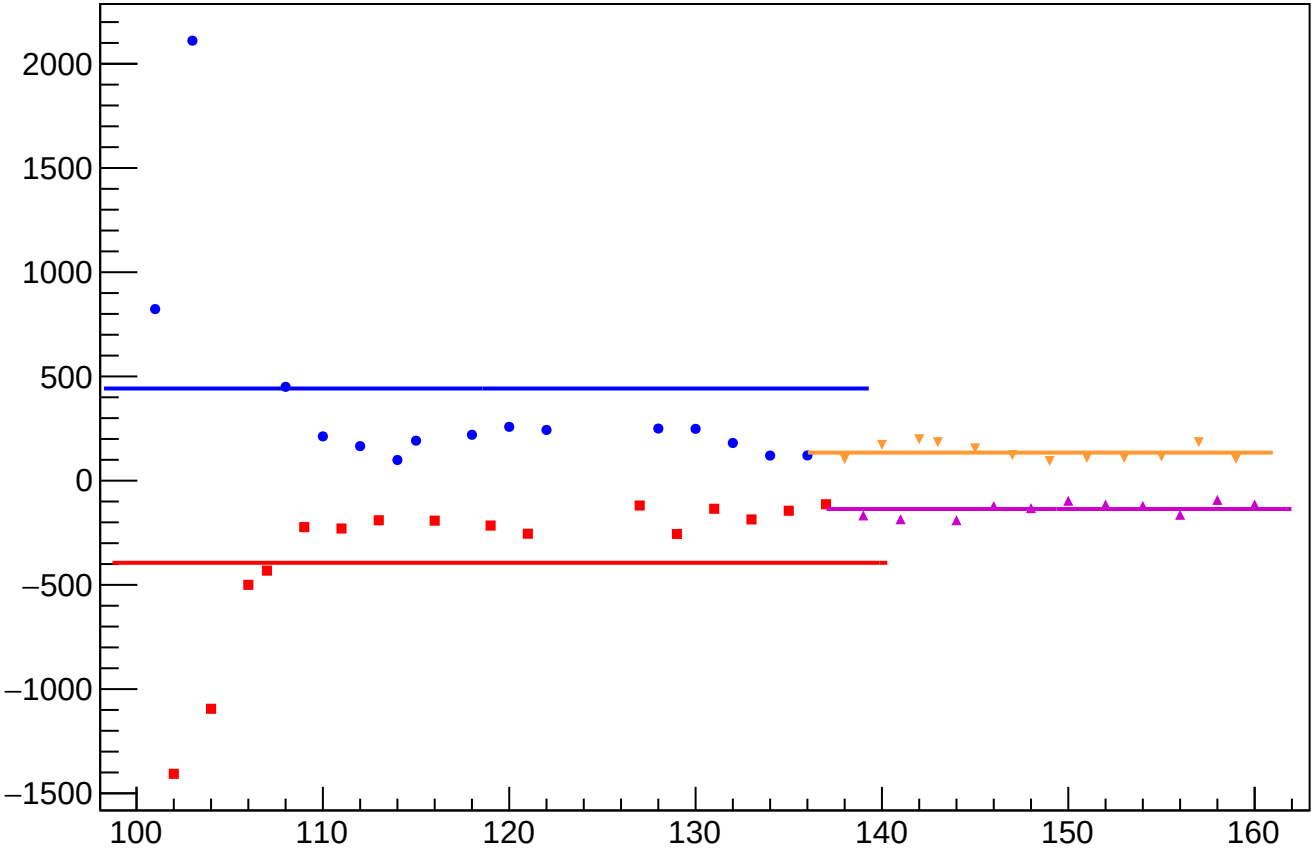
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



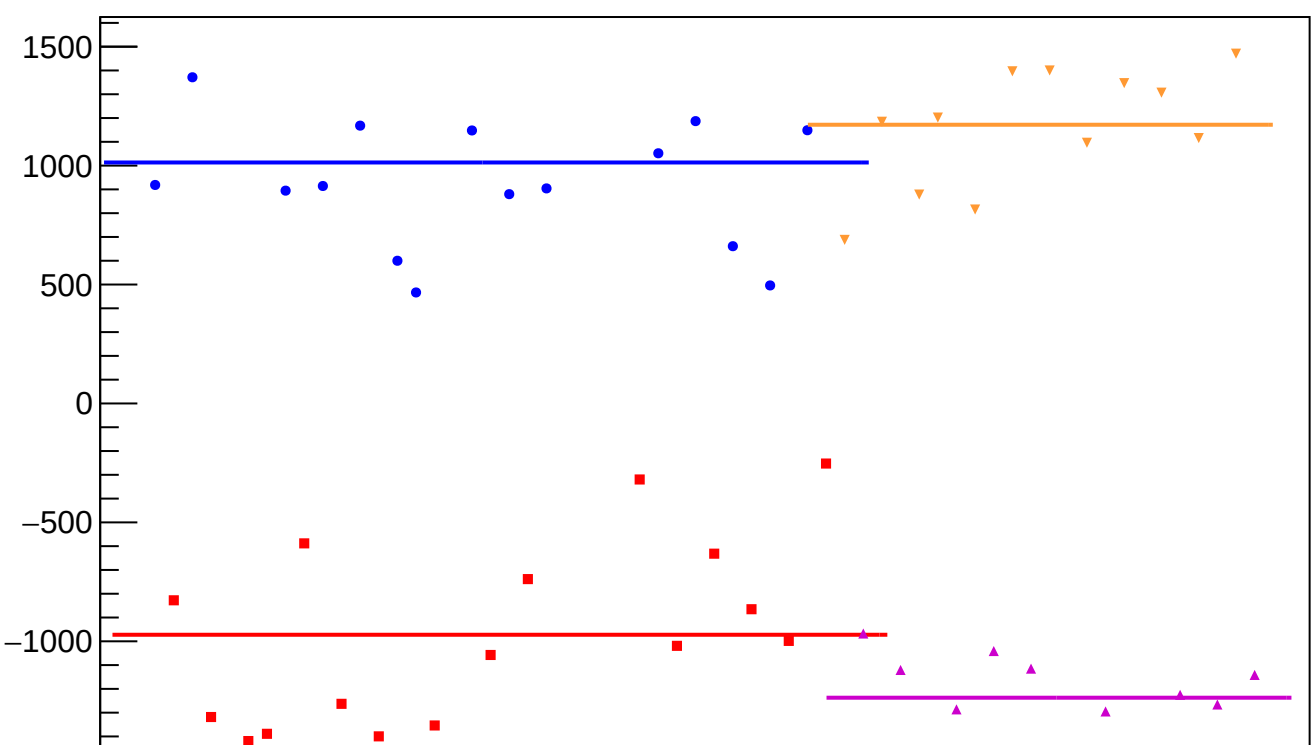
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
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

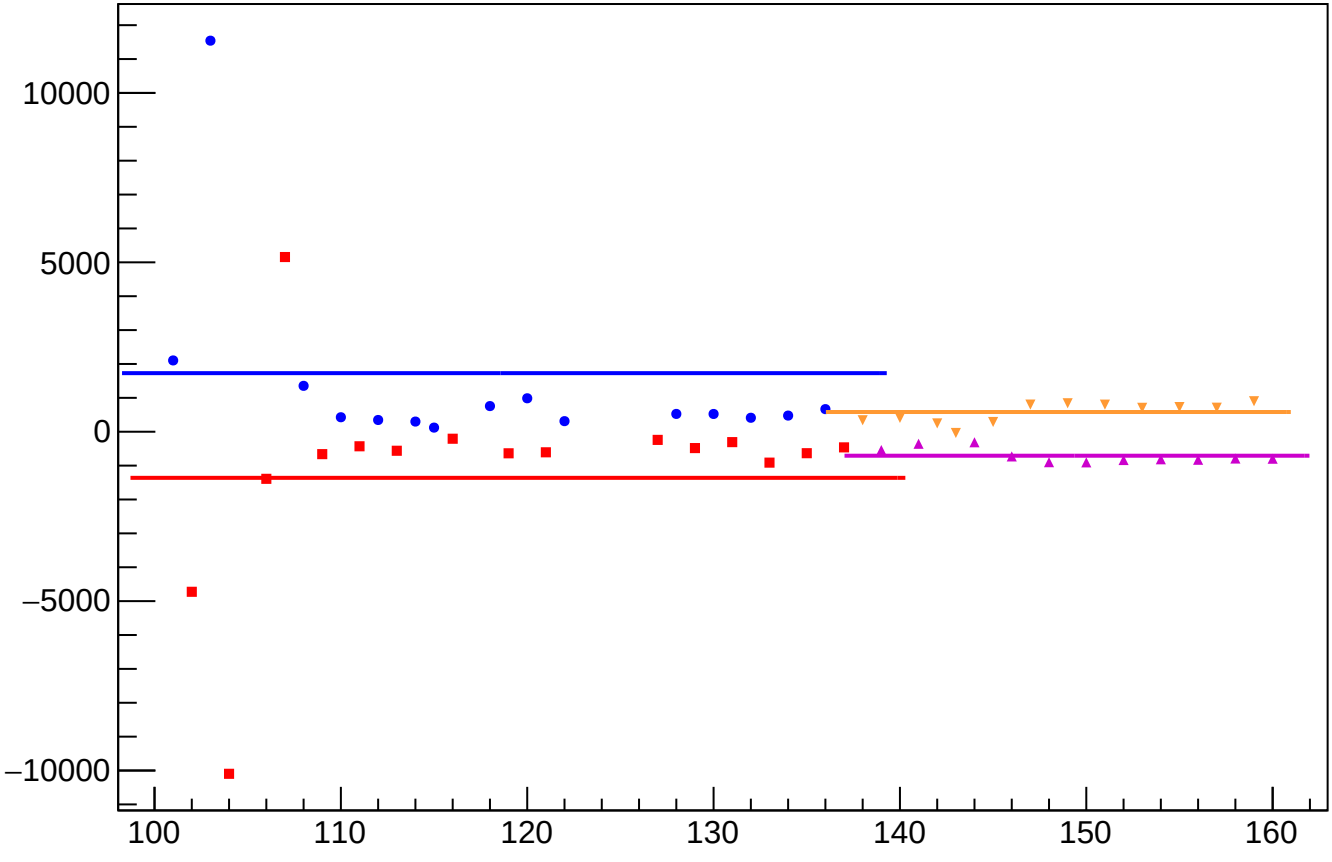
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

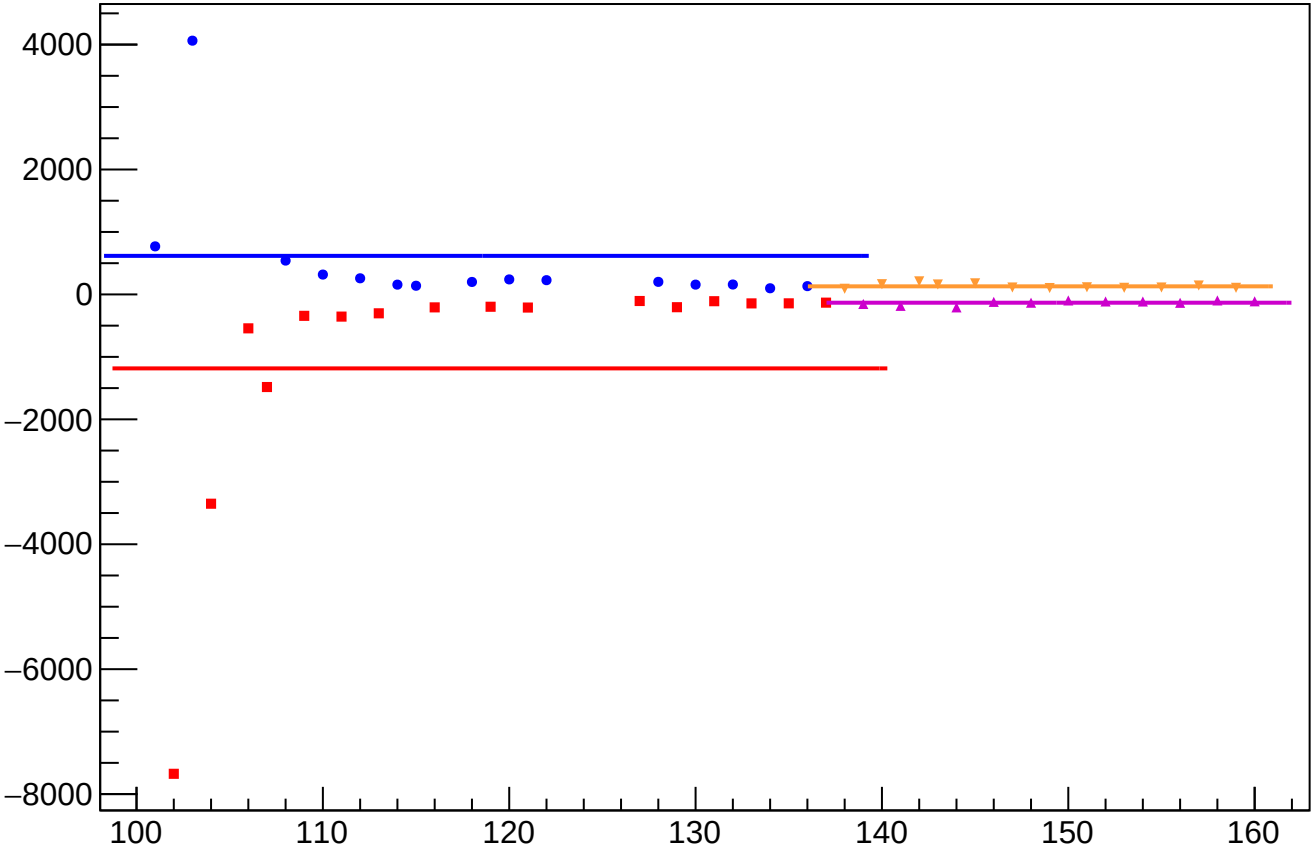
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

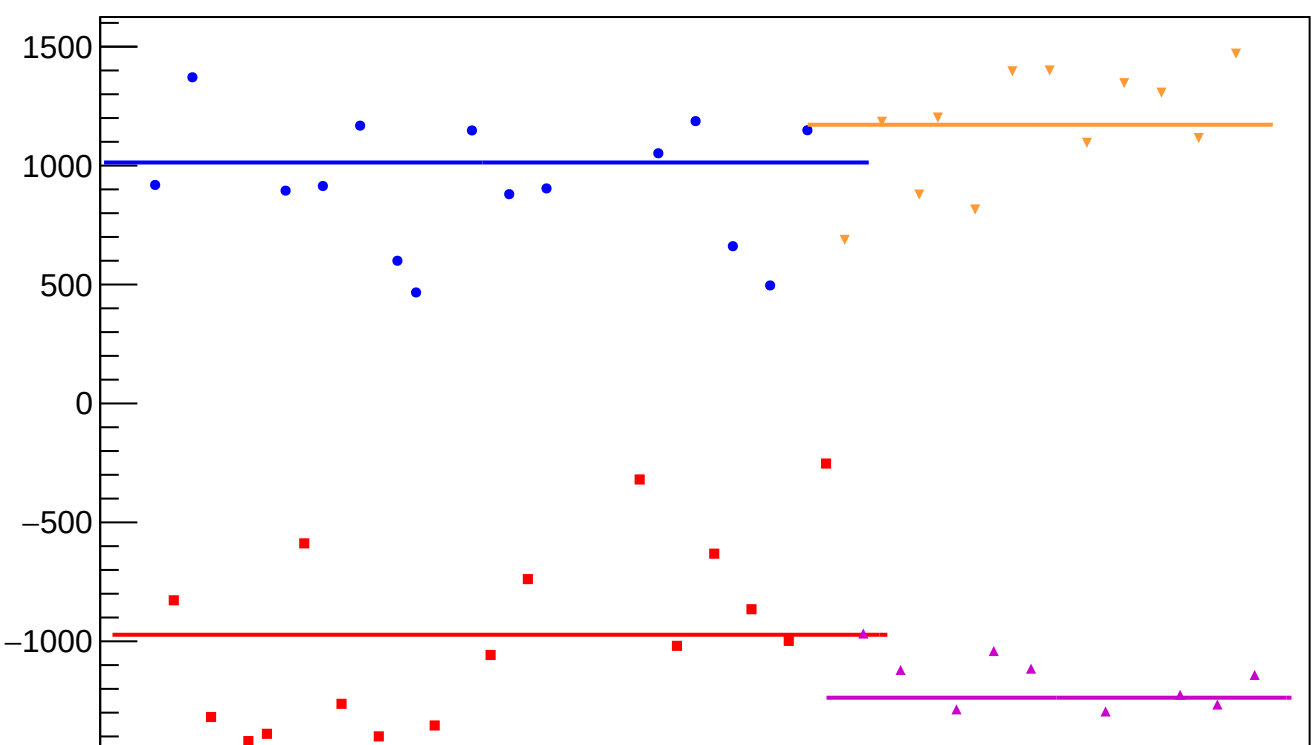
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

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

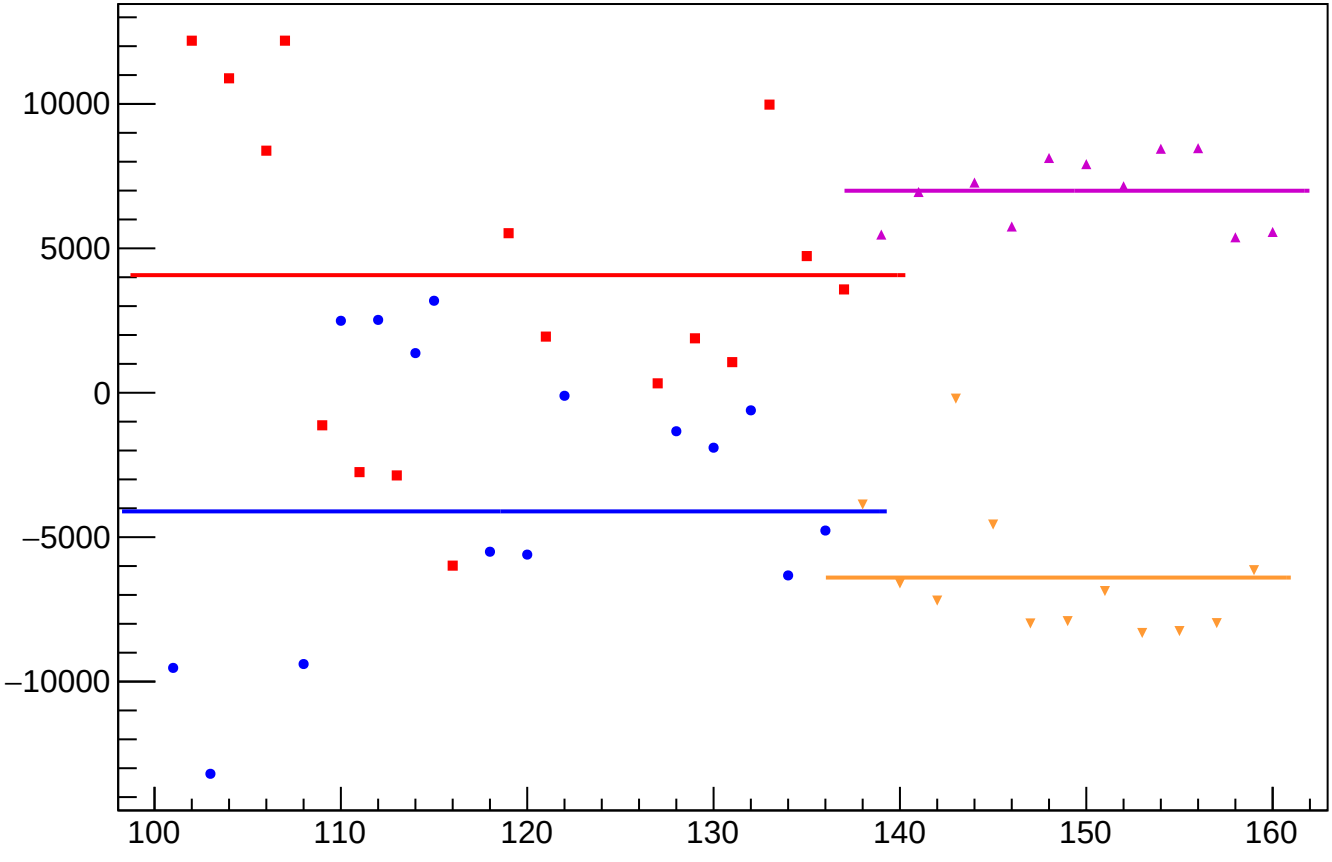
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

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

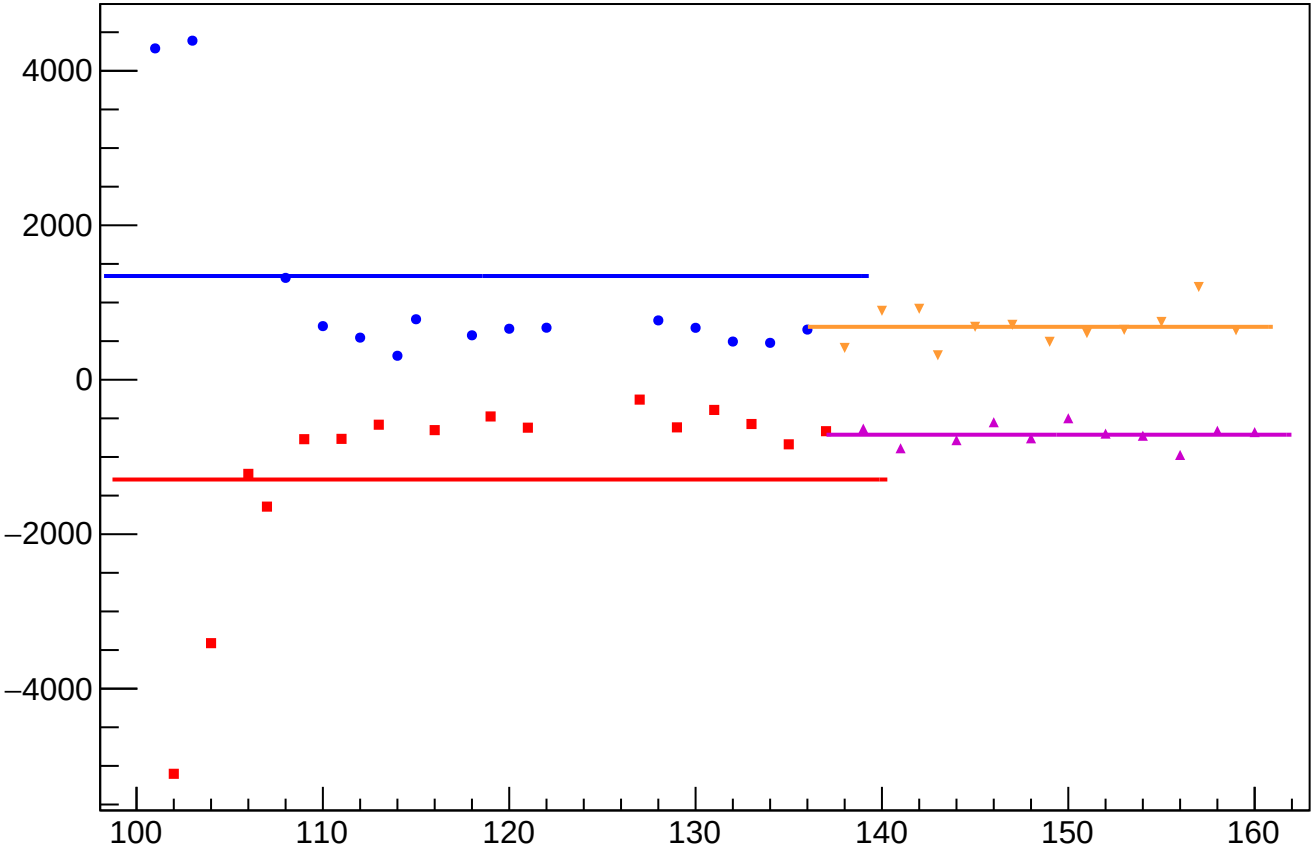
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

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

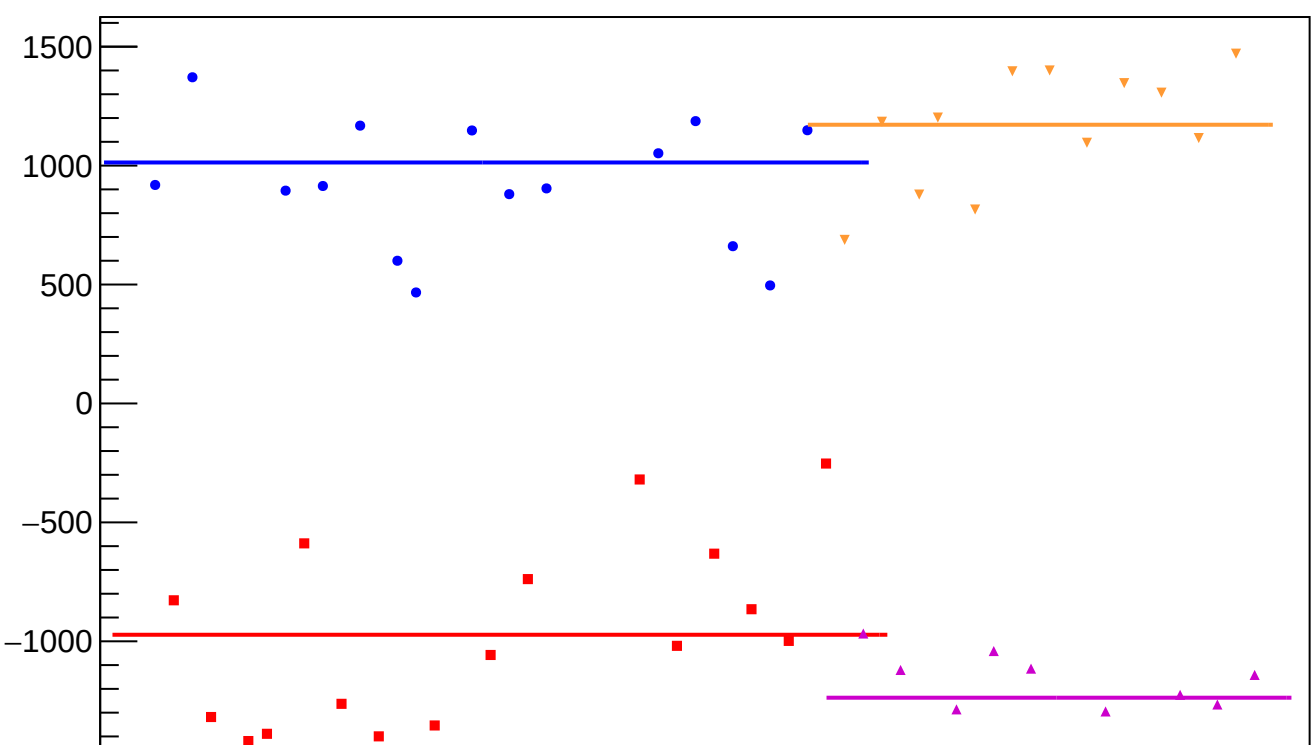
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

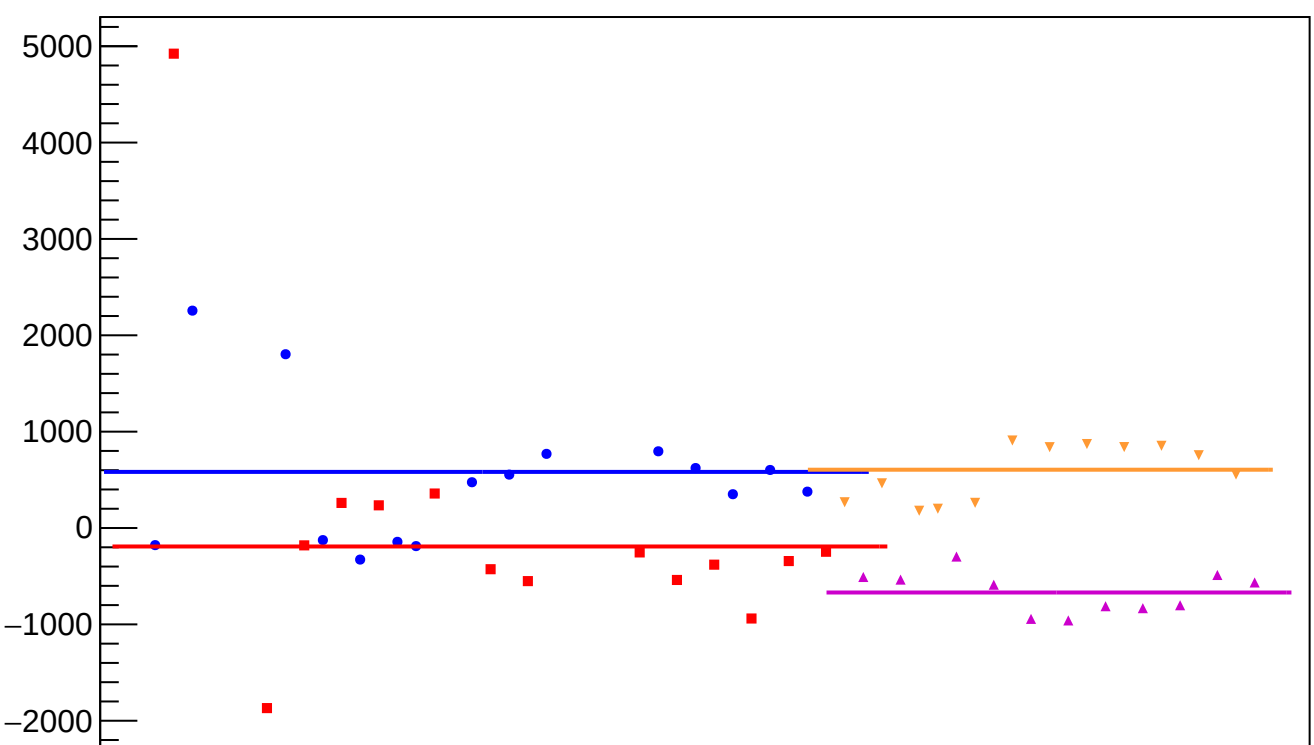
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



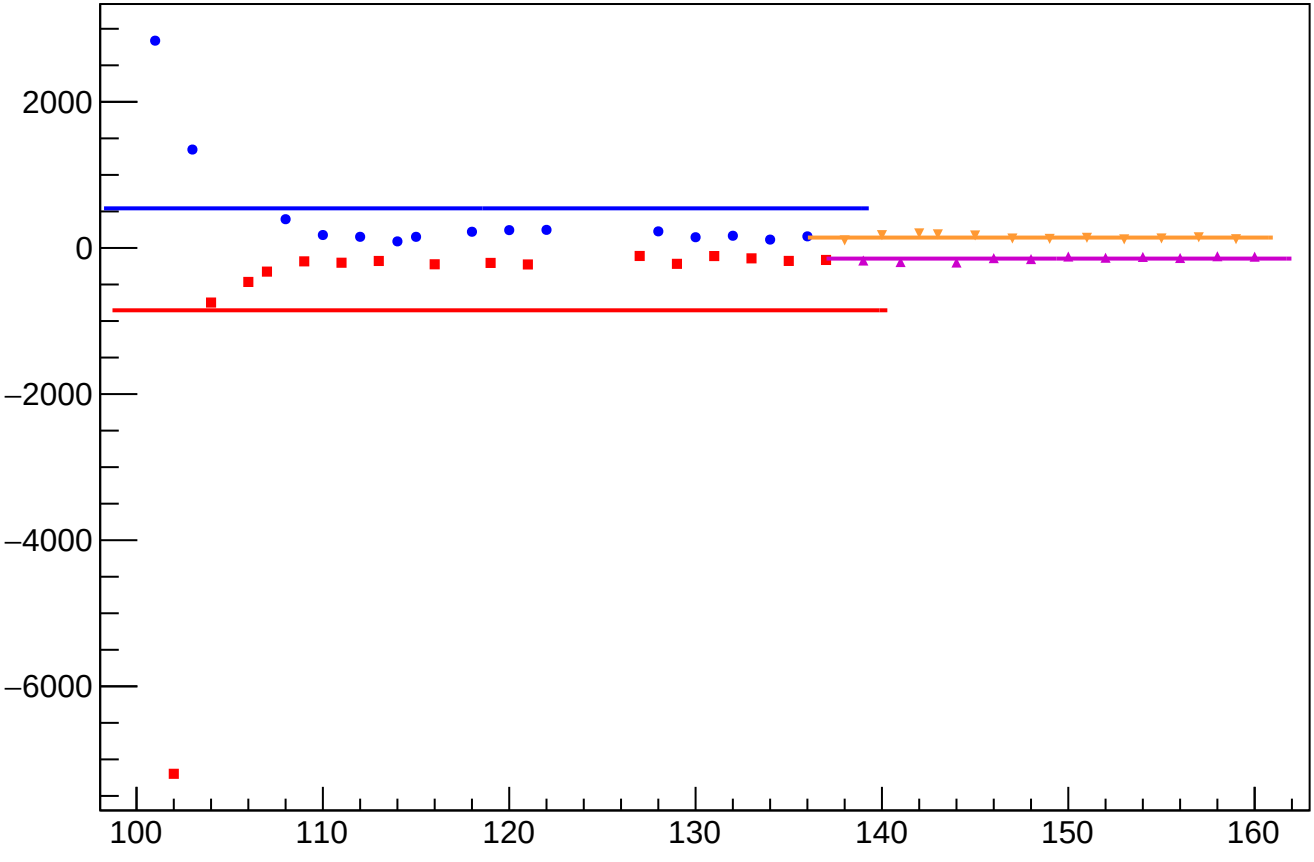
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 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

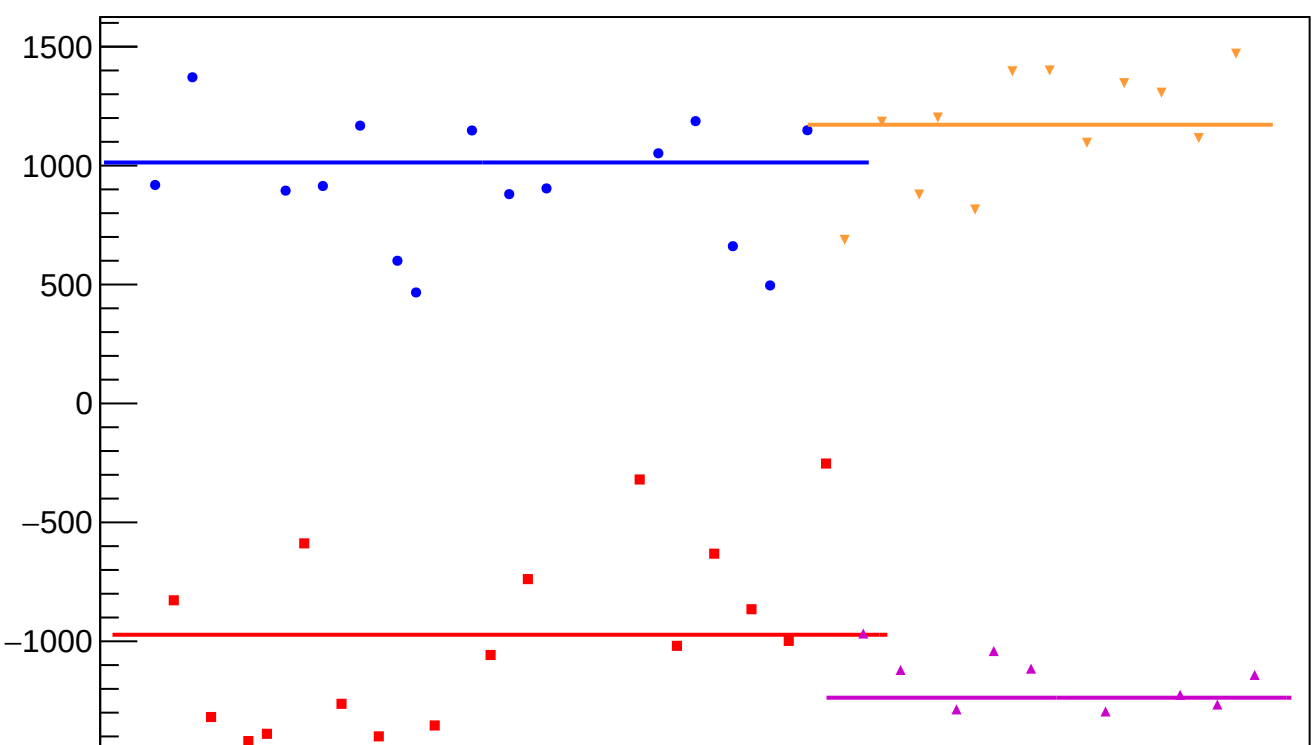
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

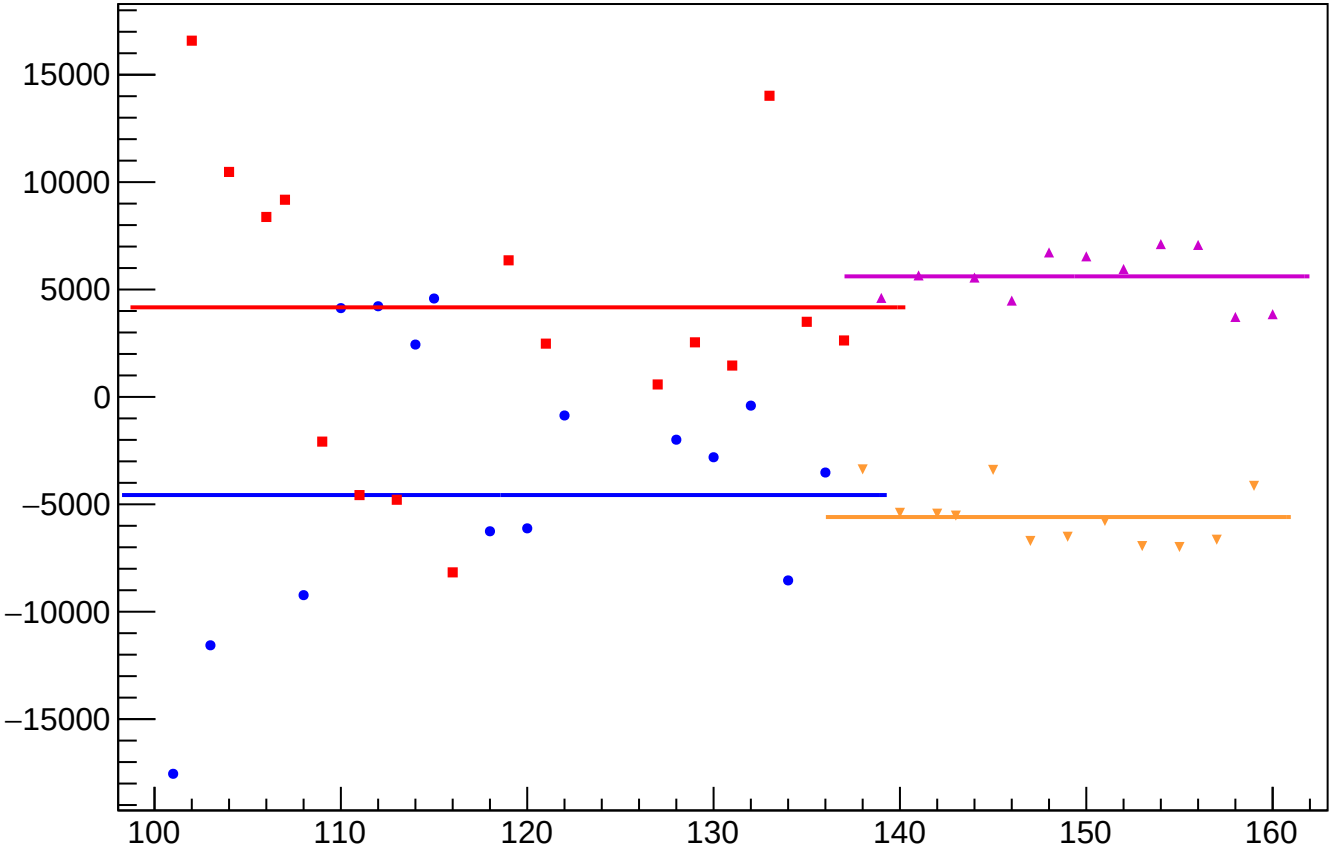
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



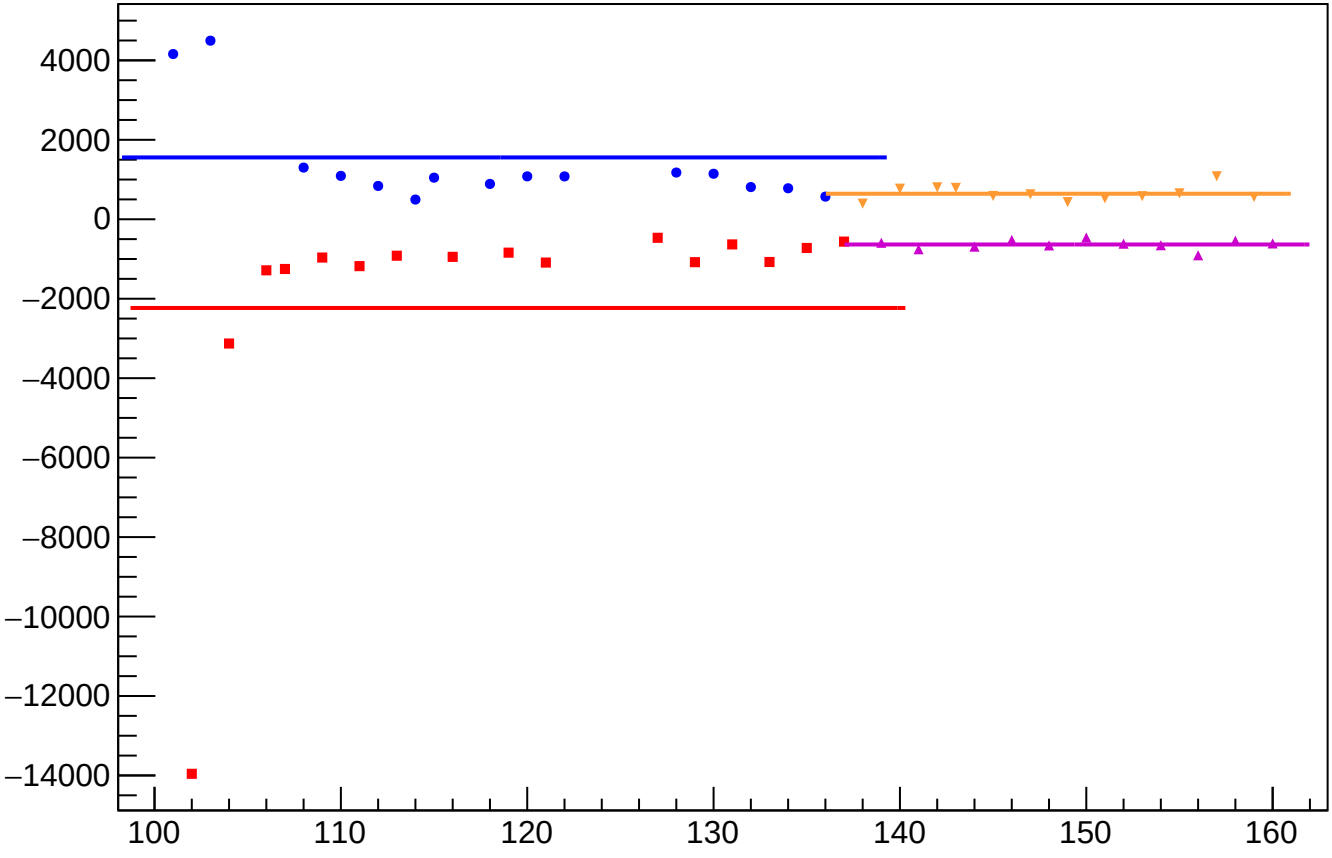
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 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

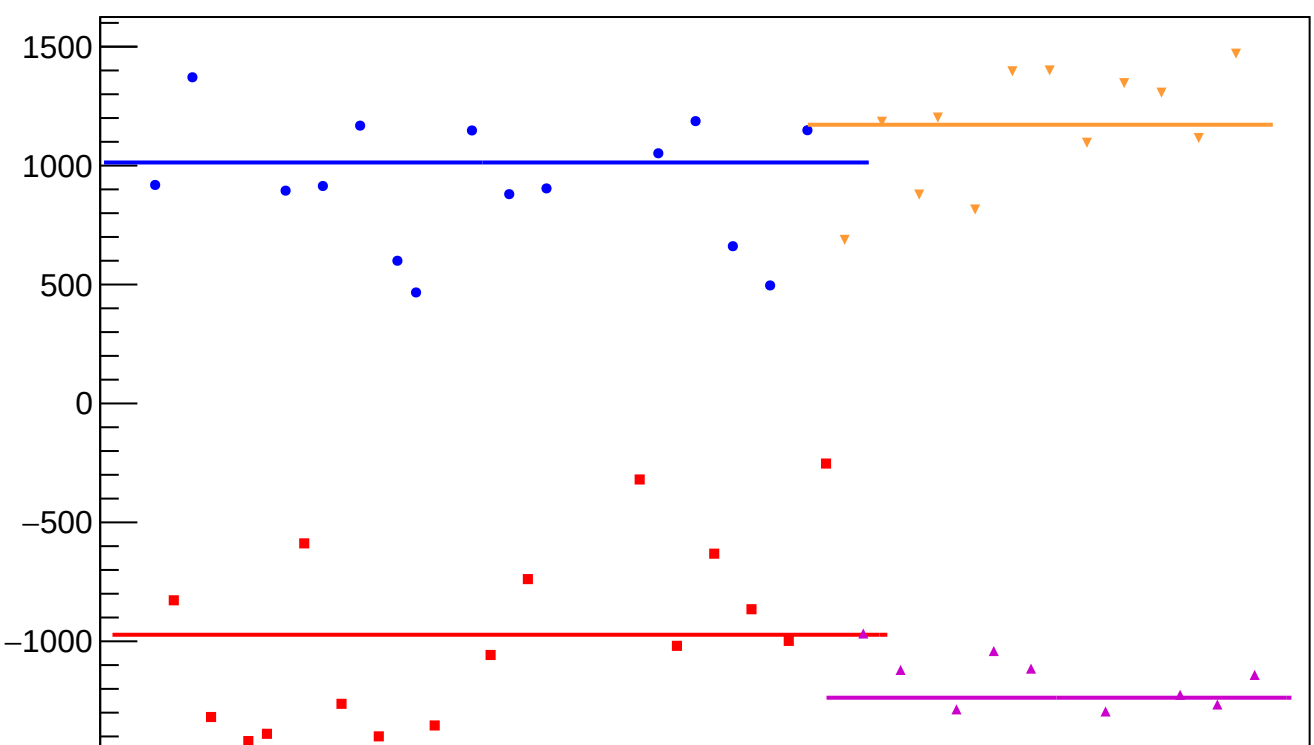
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

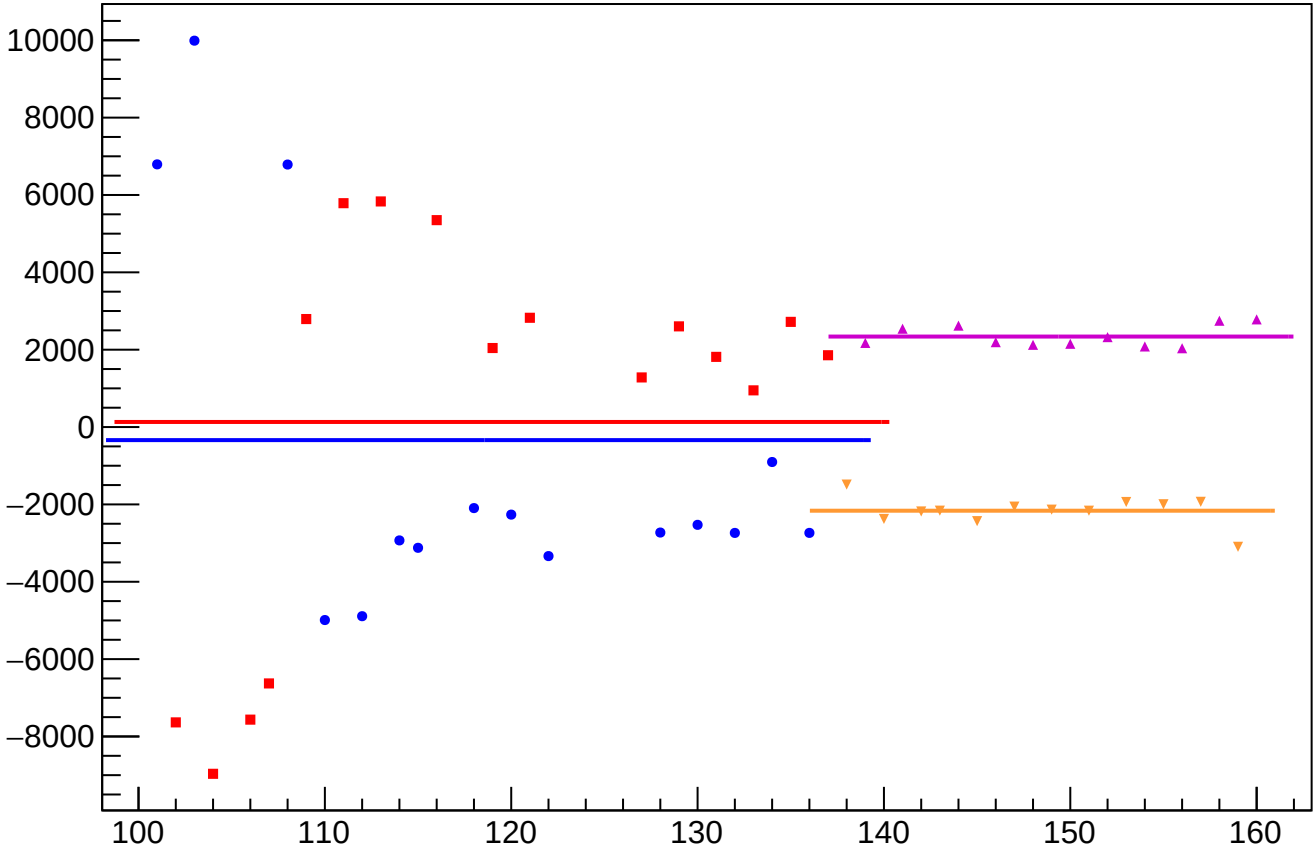
All: -151.463+/-0.000 χ^2/NDF: 15746462164

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

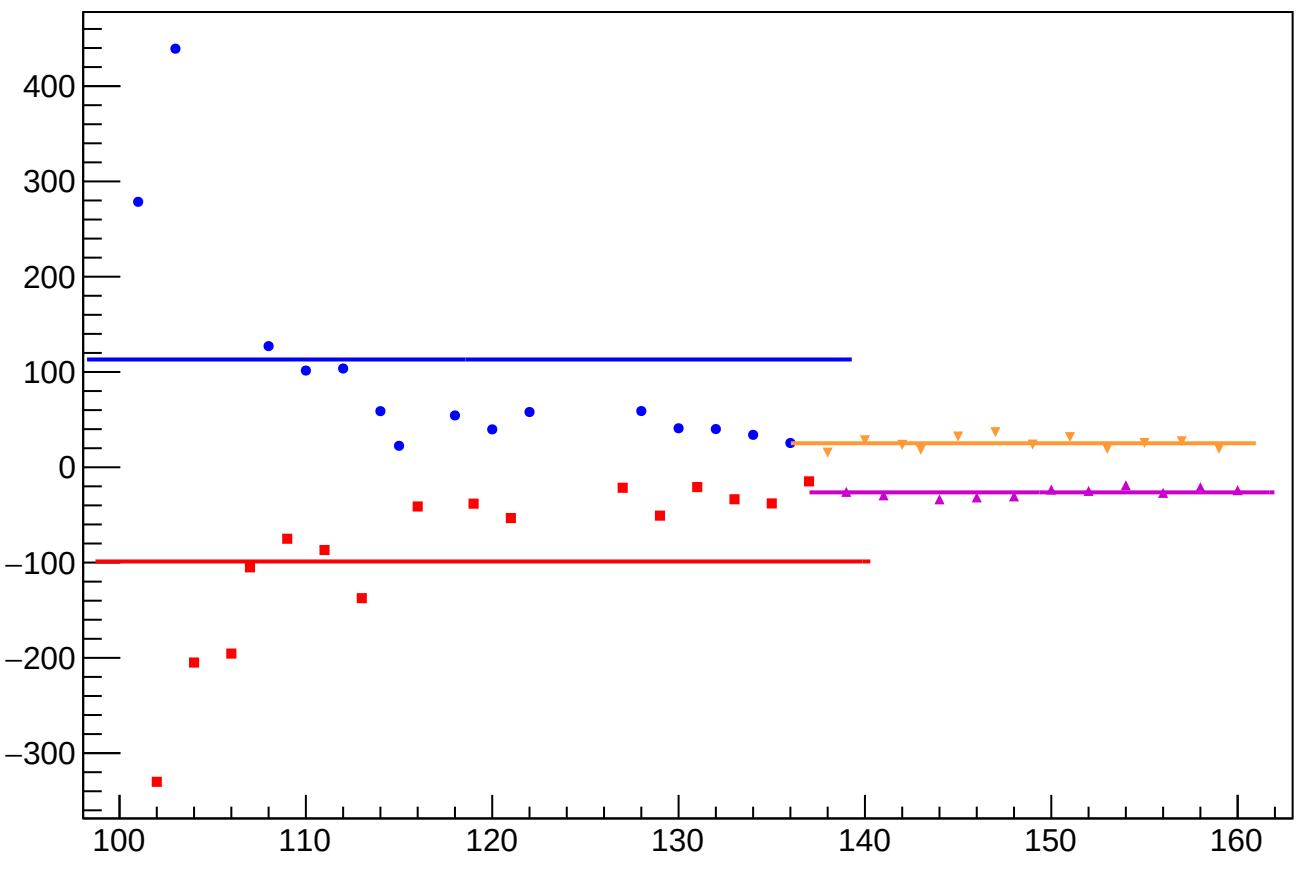
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

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

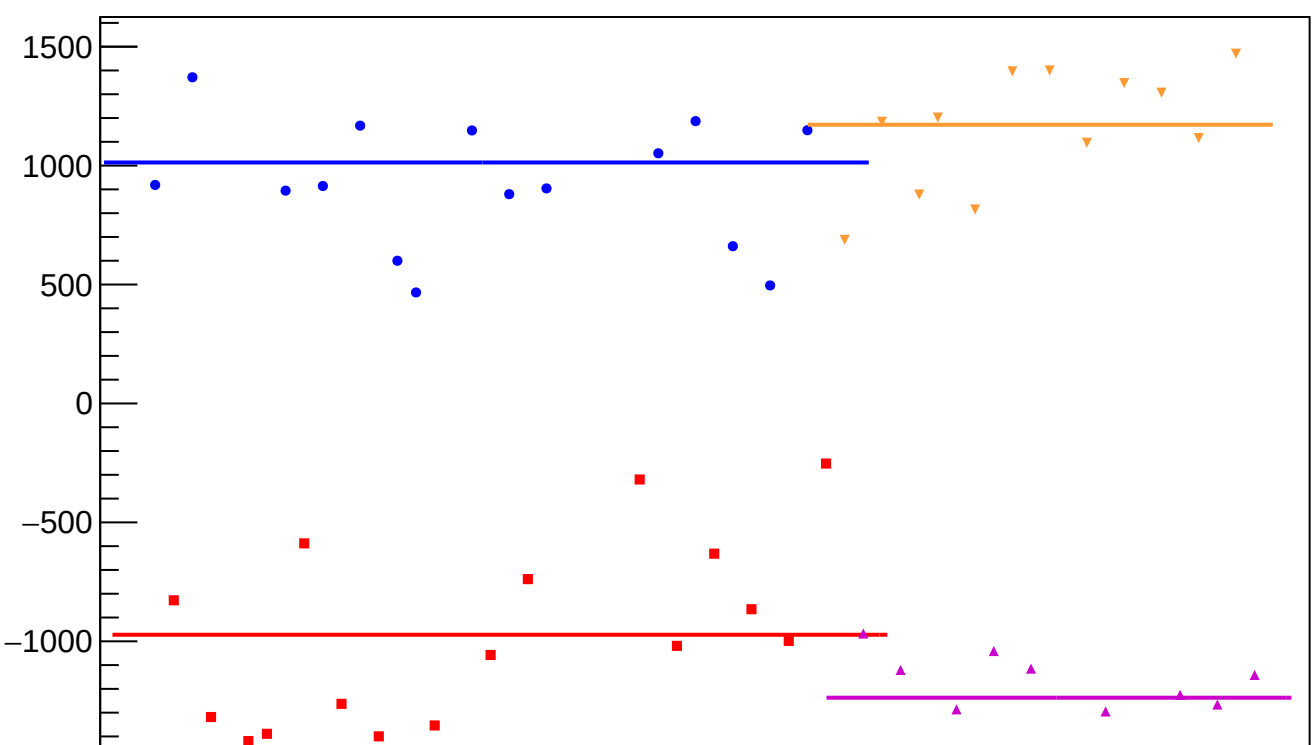
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

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

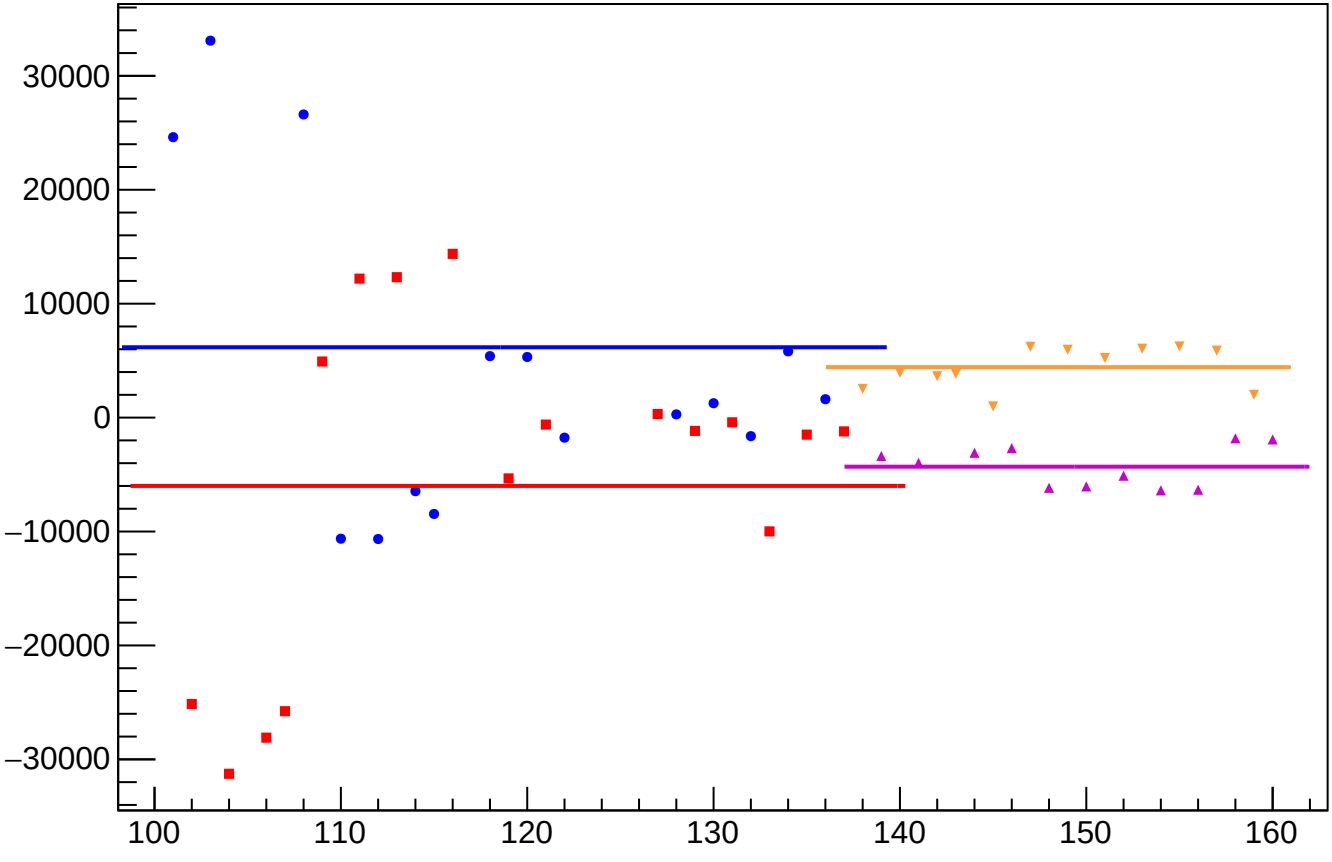
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

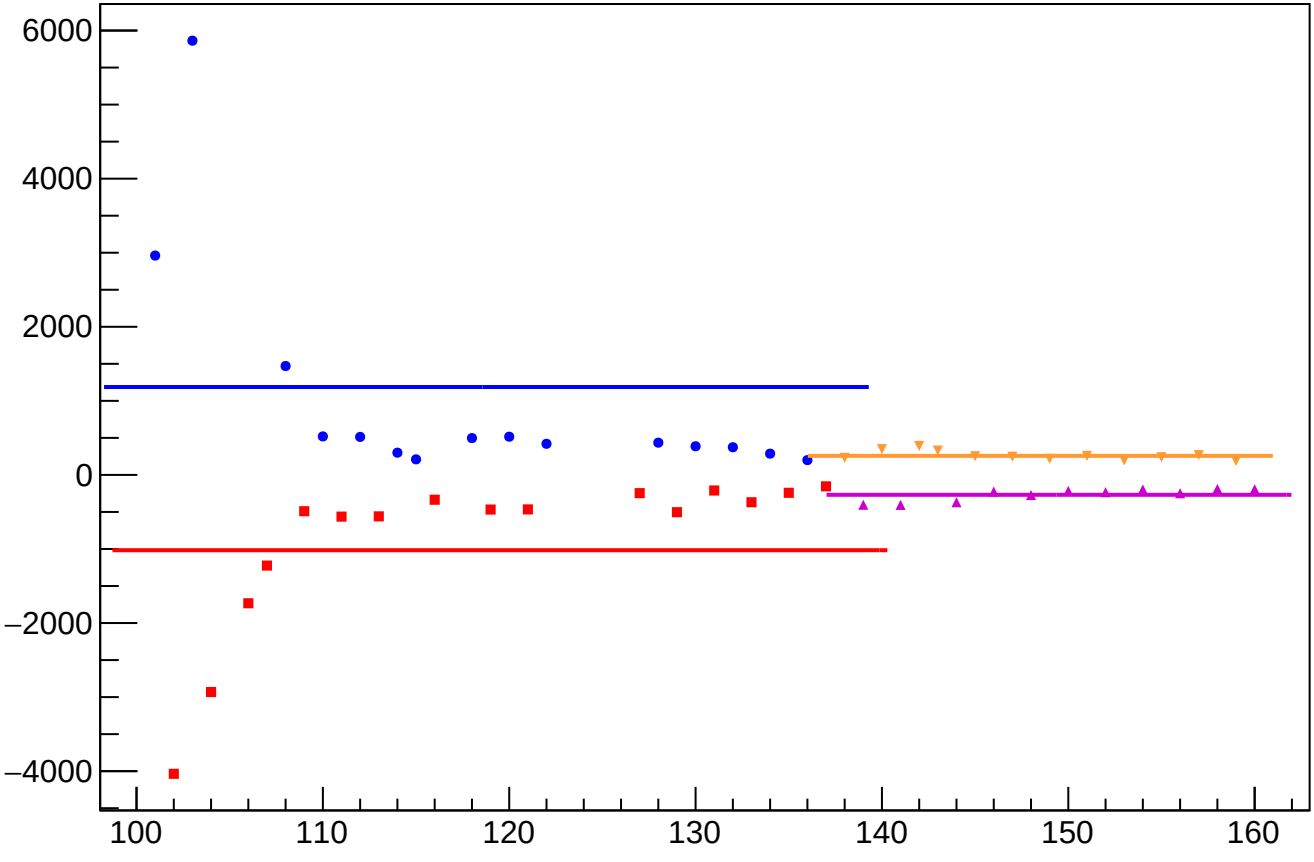
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

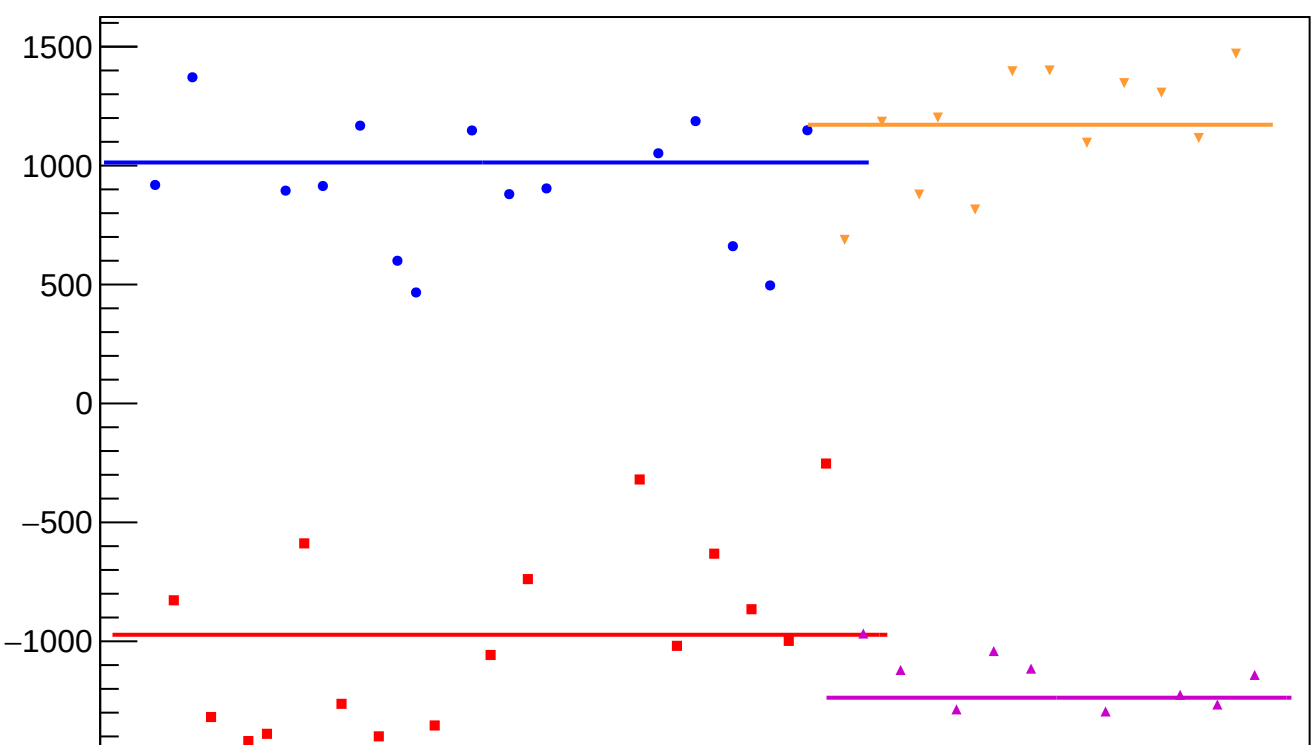
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

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

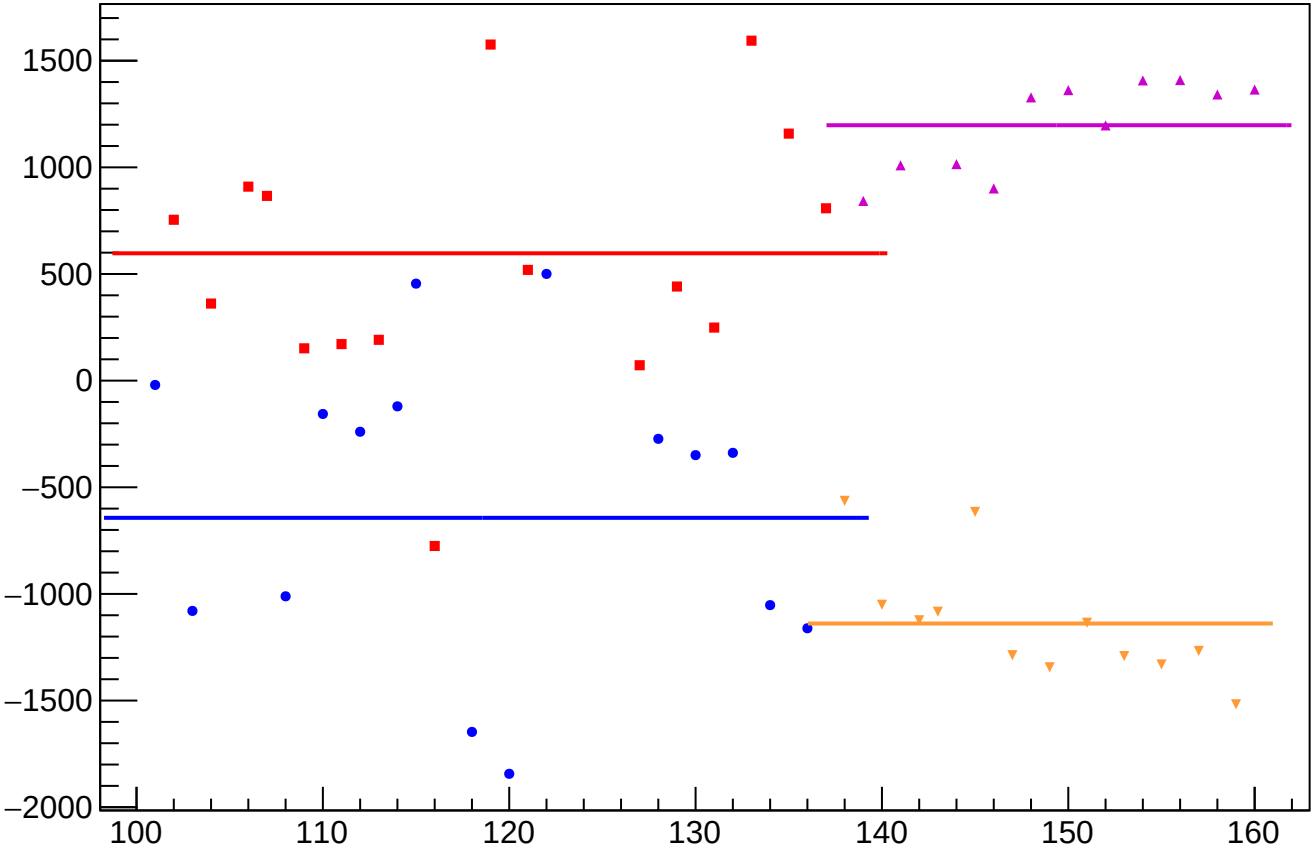
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

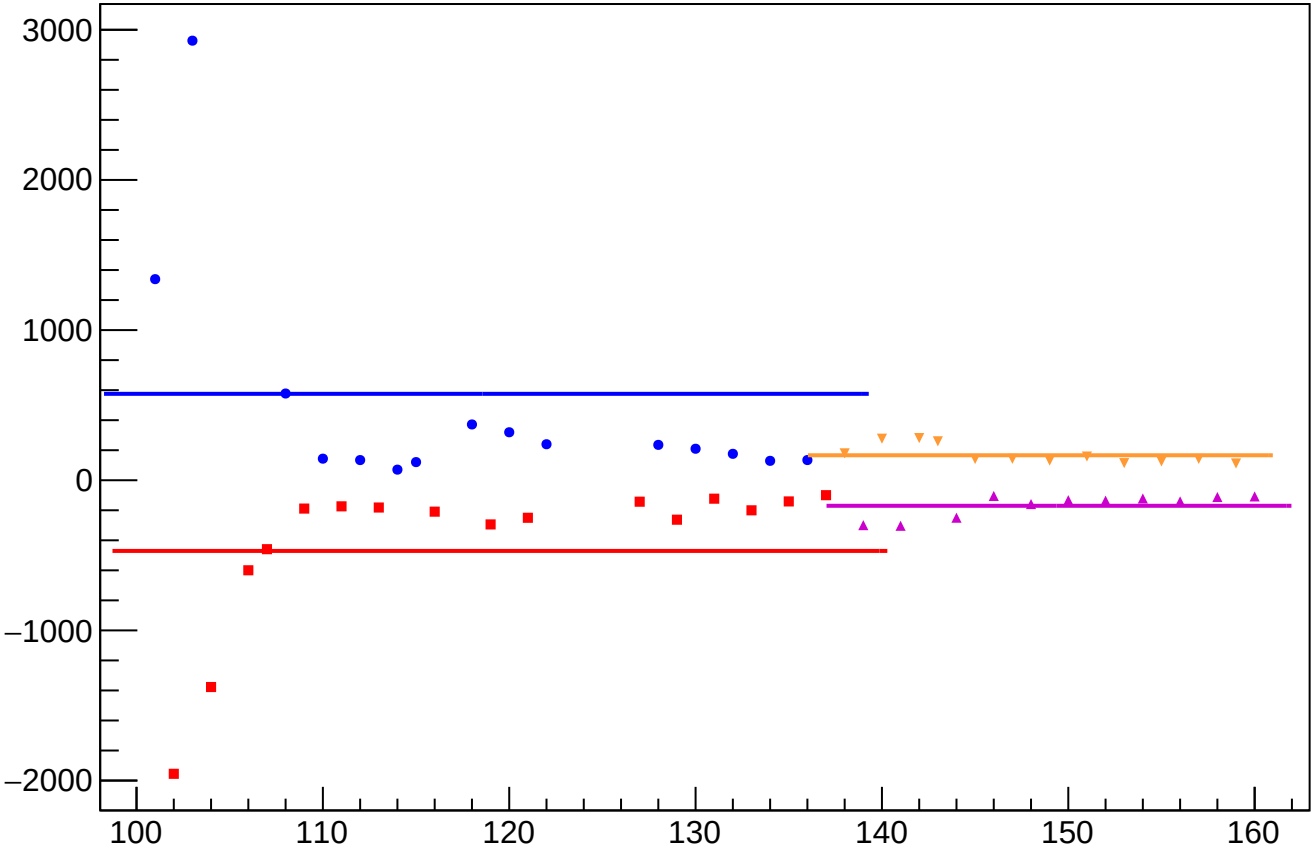
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



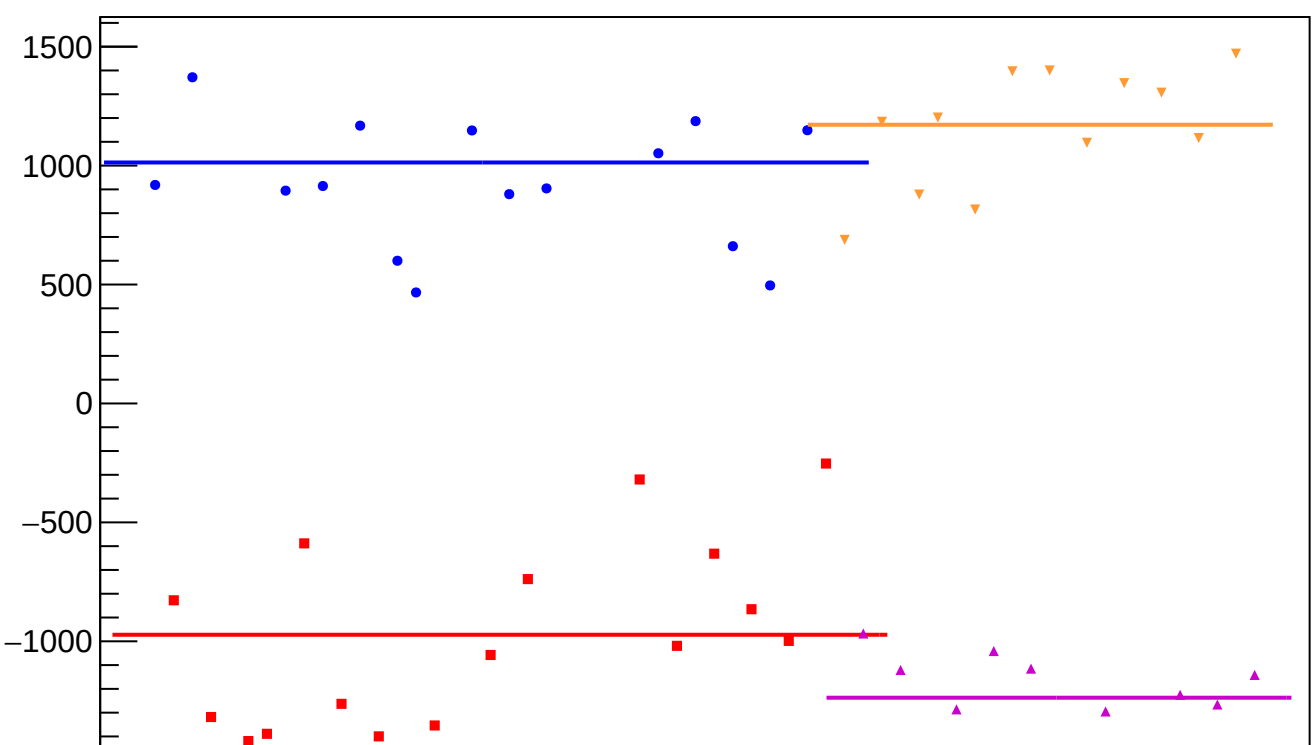
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 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

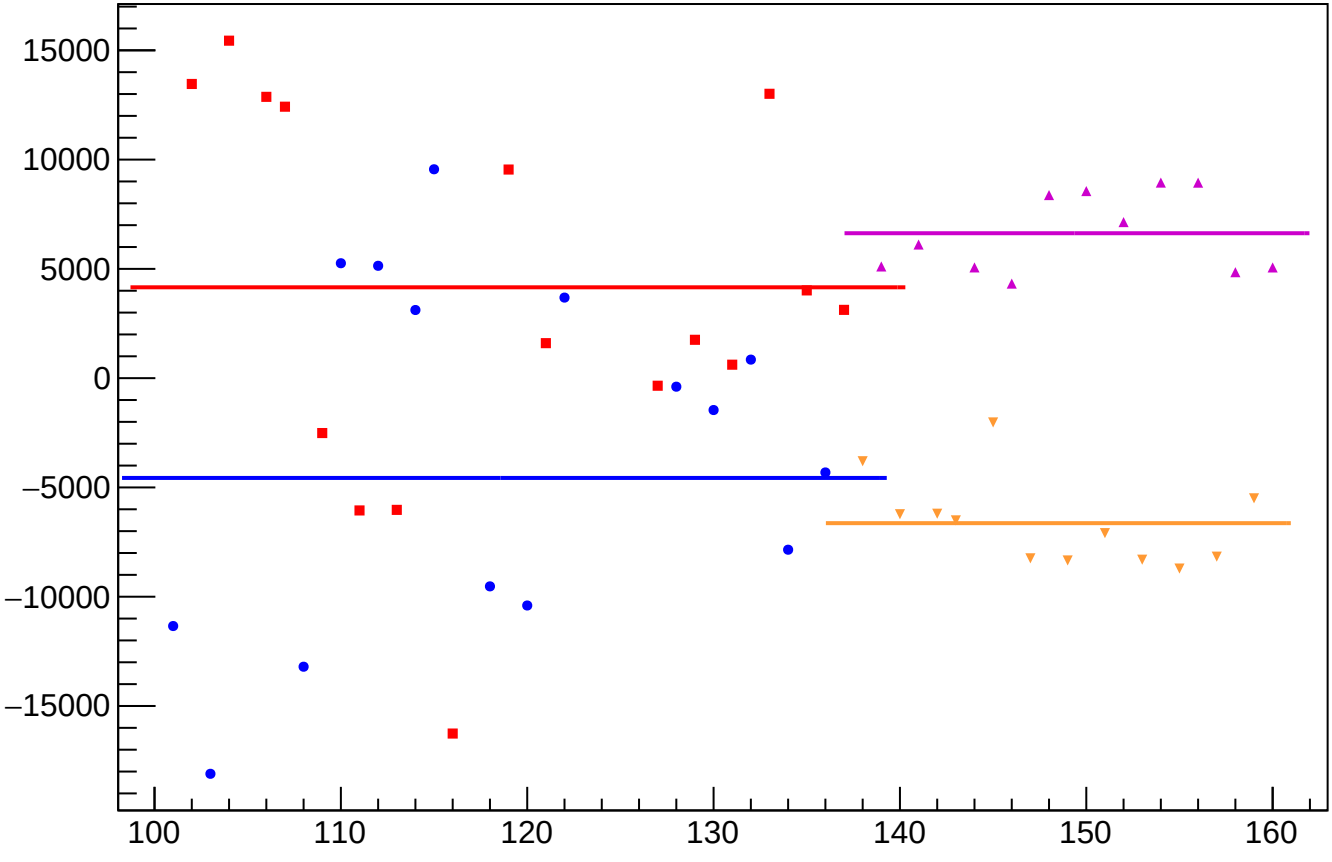
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

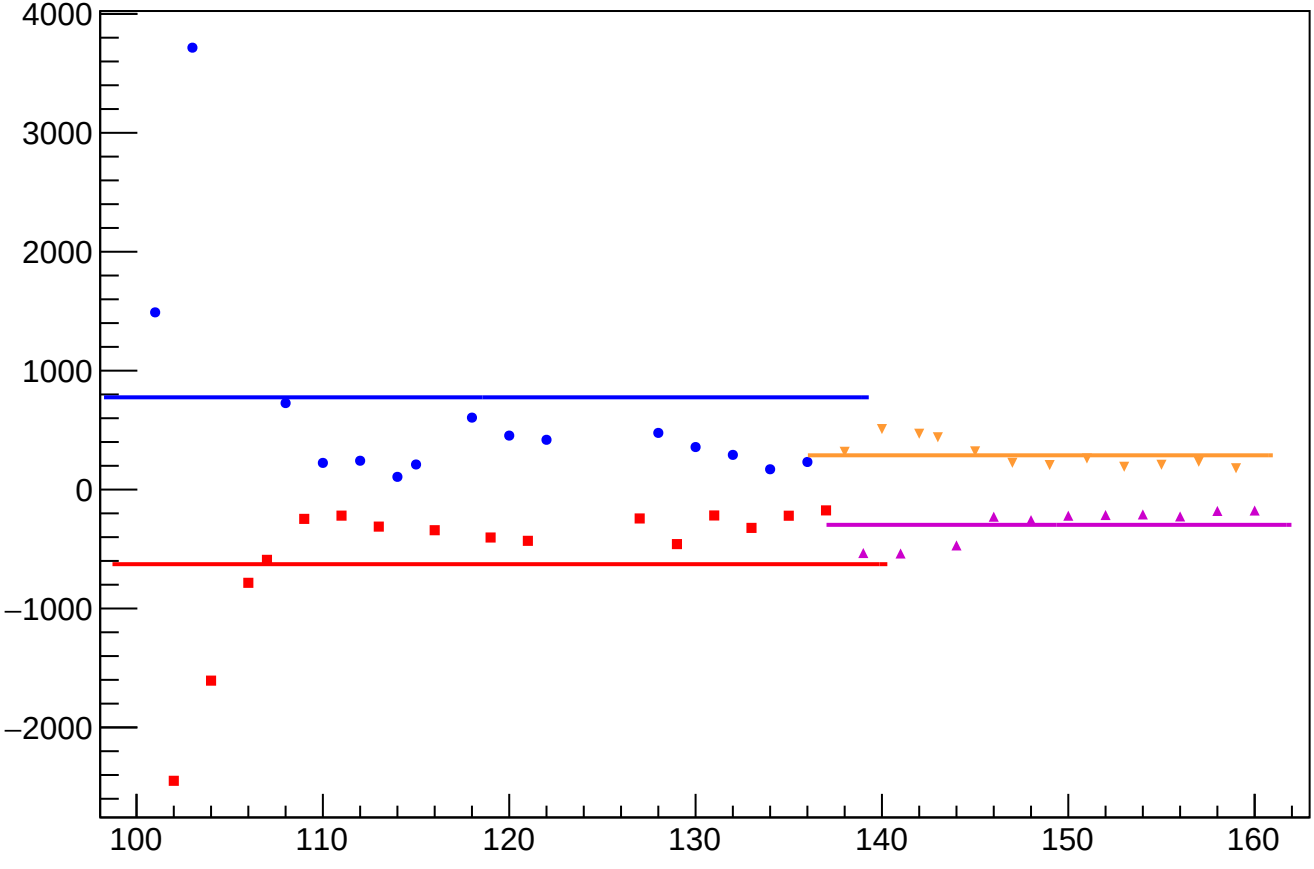
All: -20.037+/-0.000 χ^2/NDF: 415830099668

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

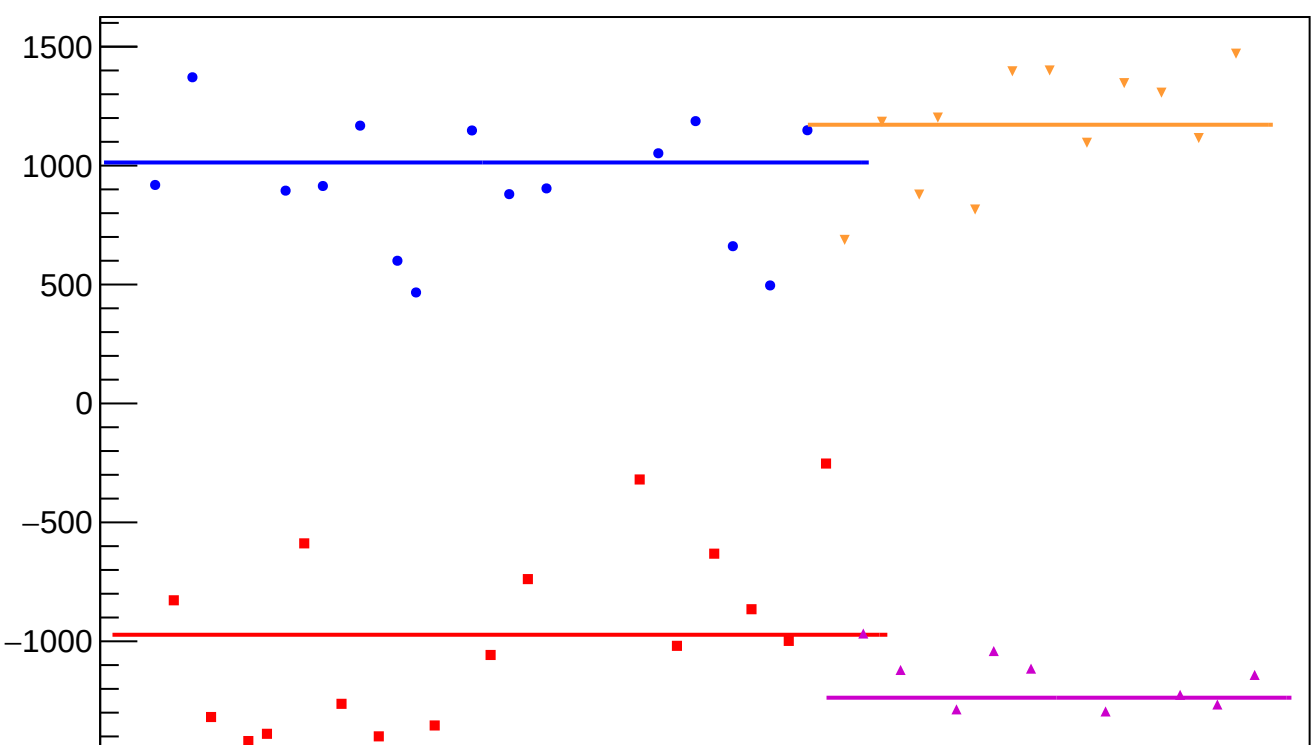
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

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

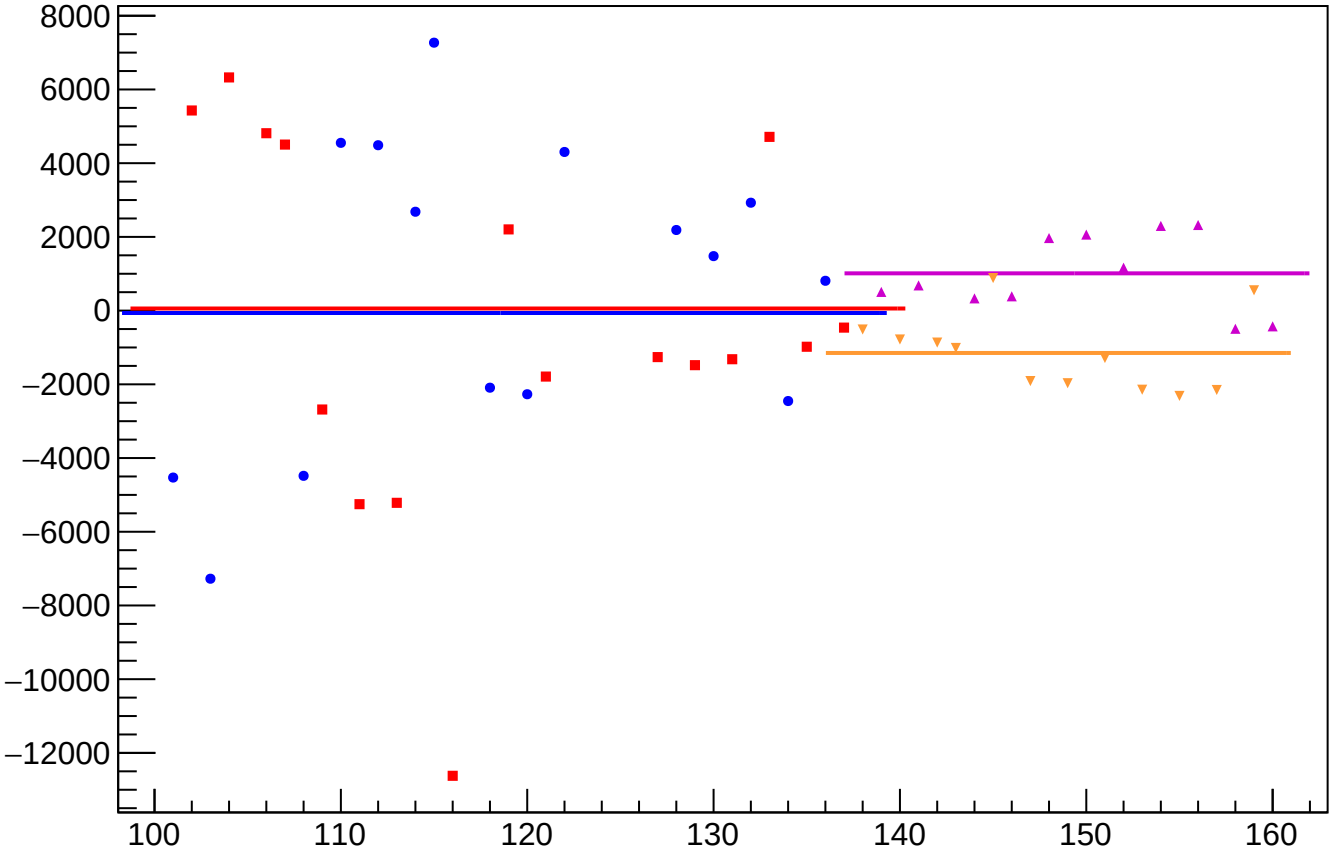
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

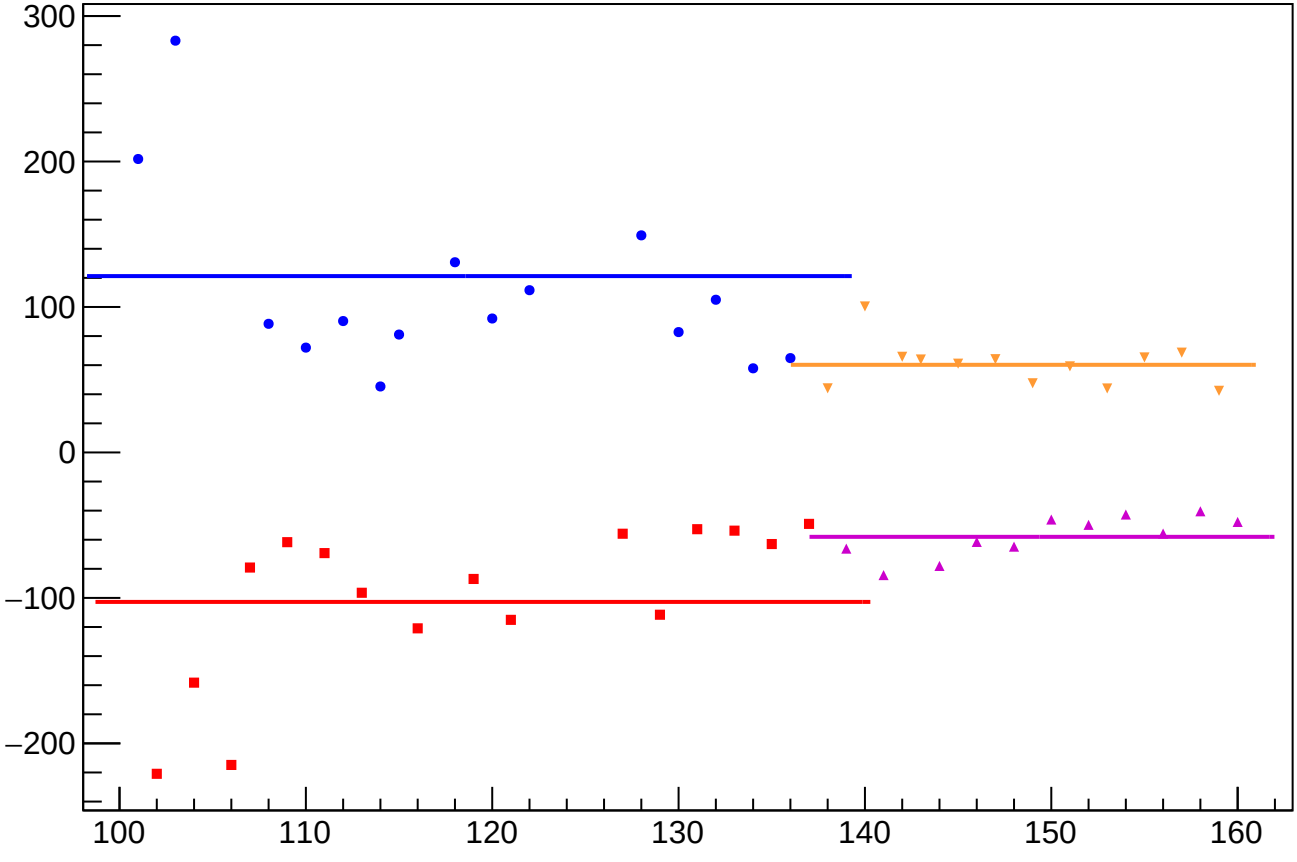
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



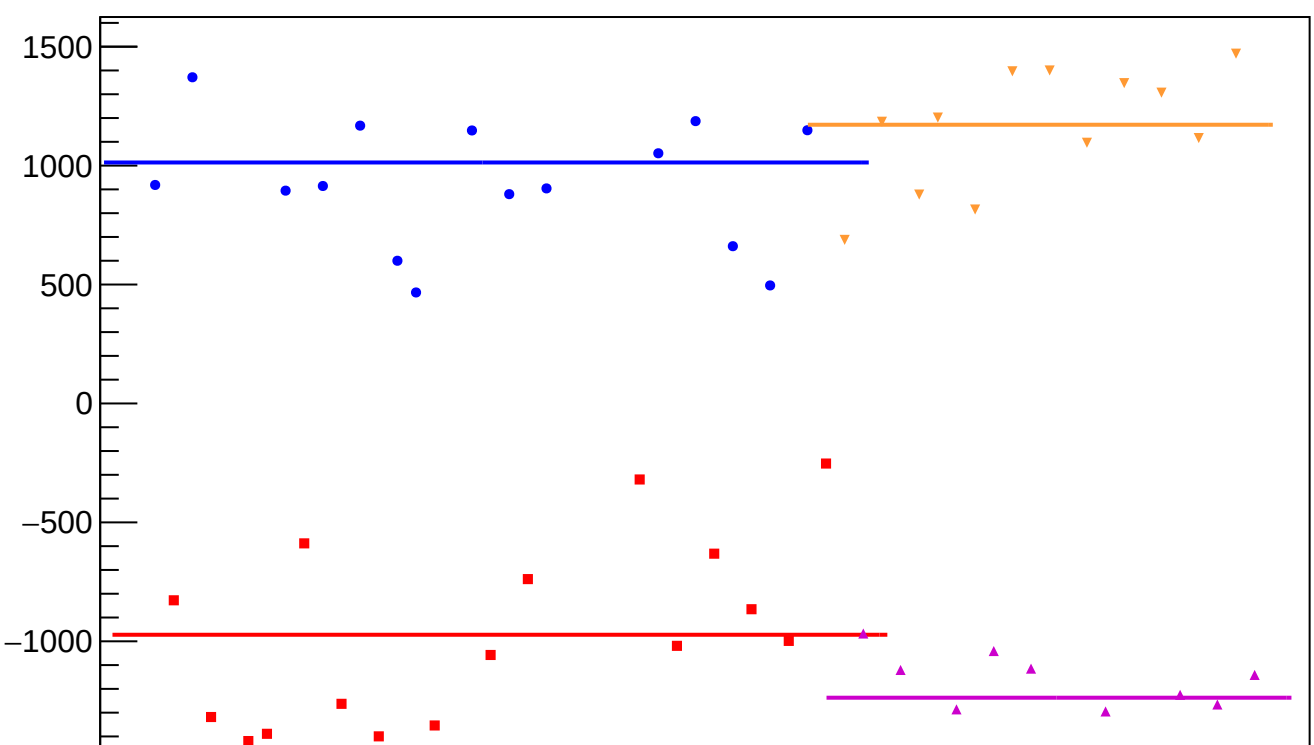
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
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



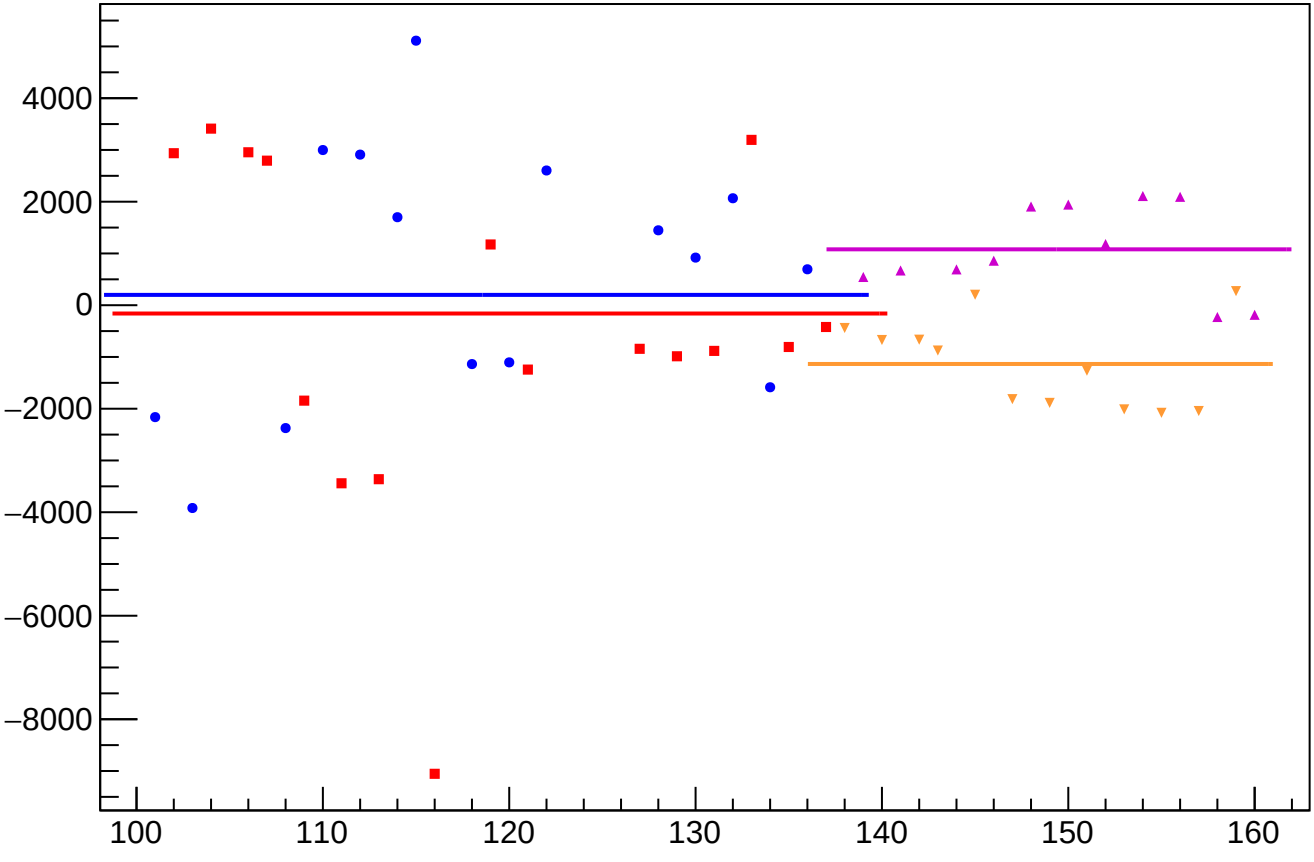
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right 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

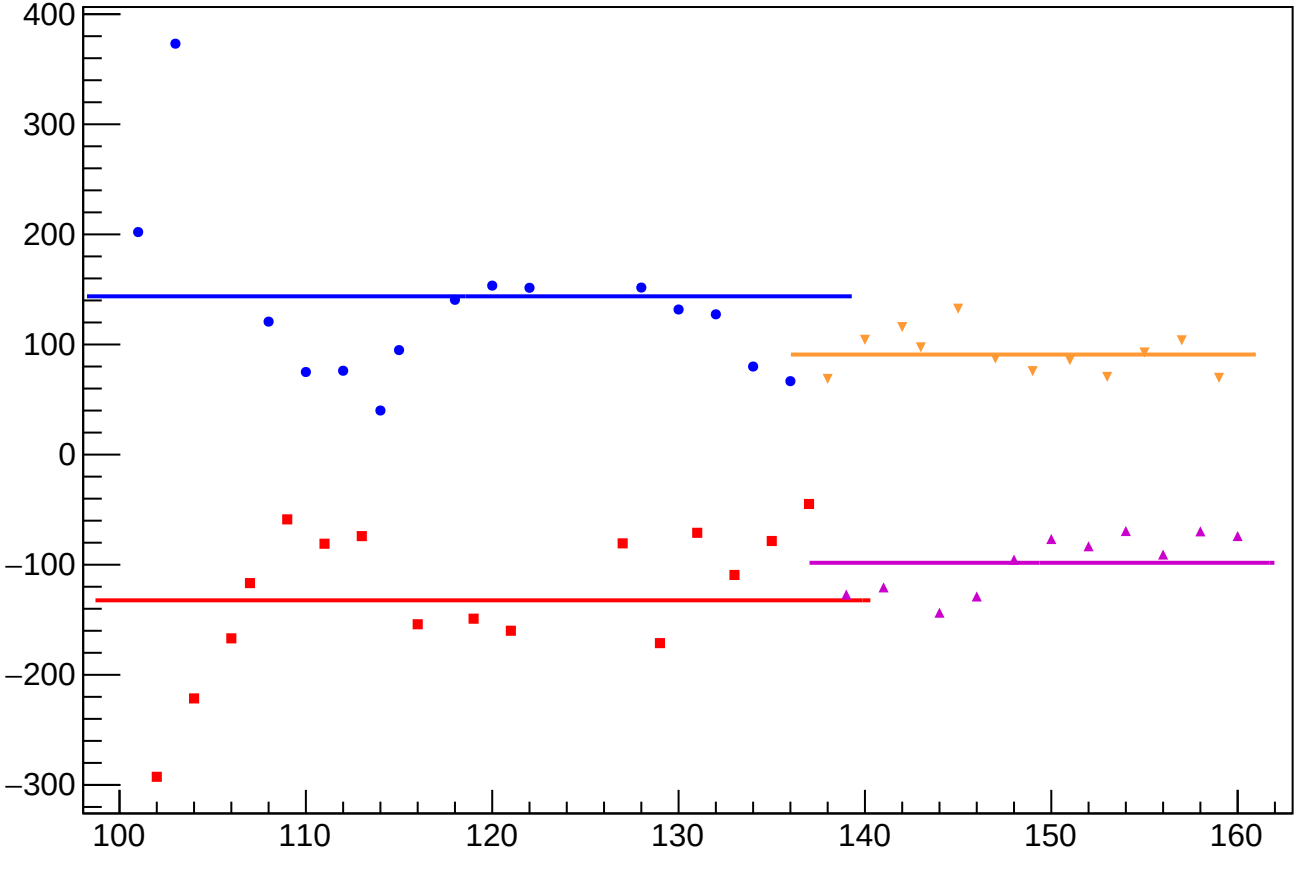
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

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

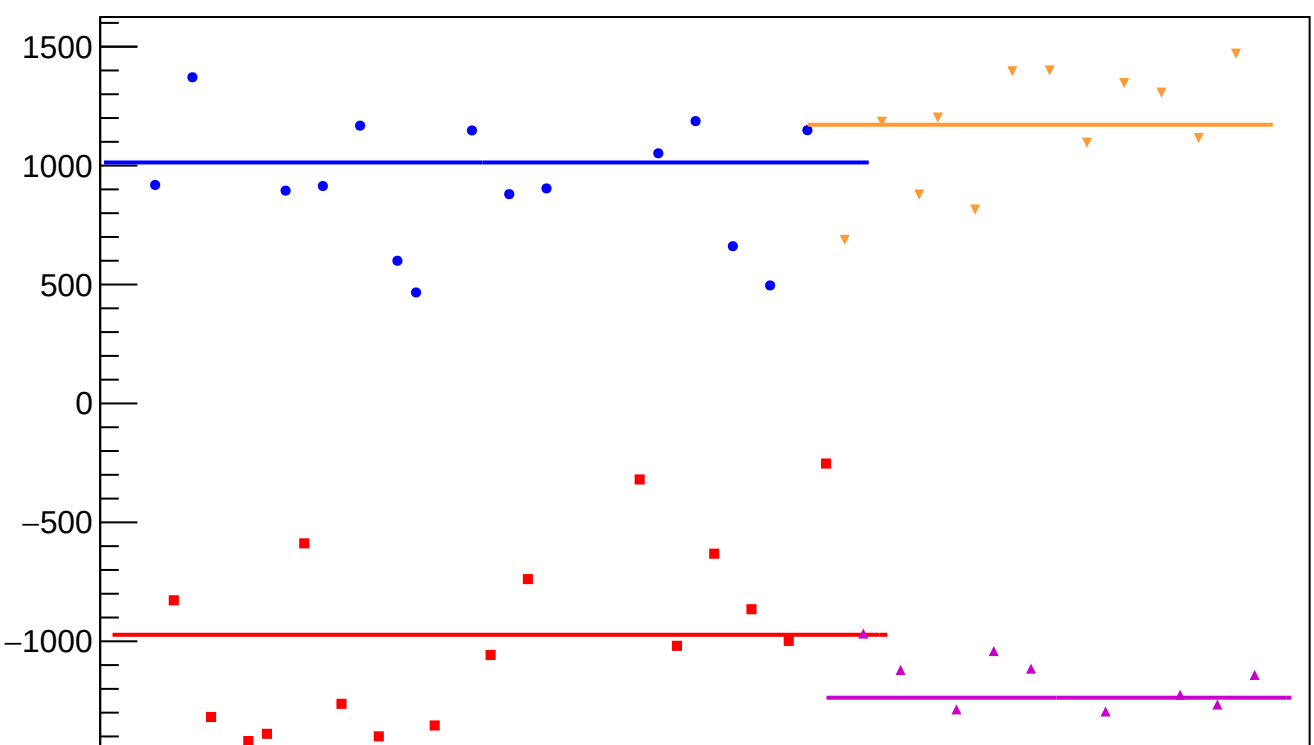
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

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

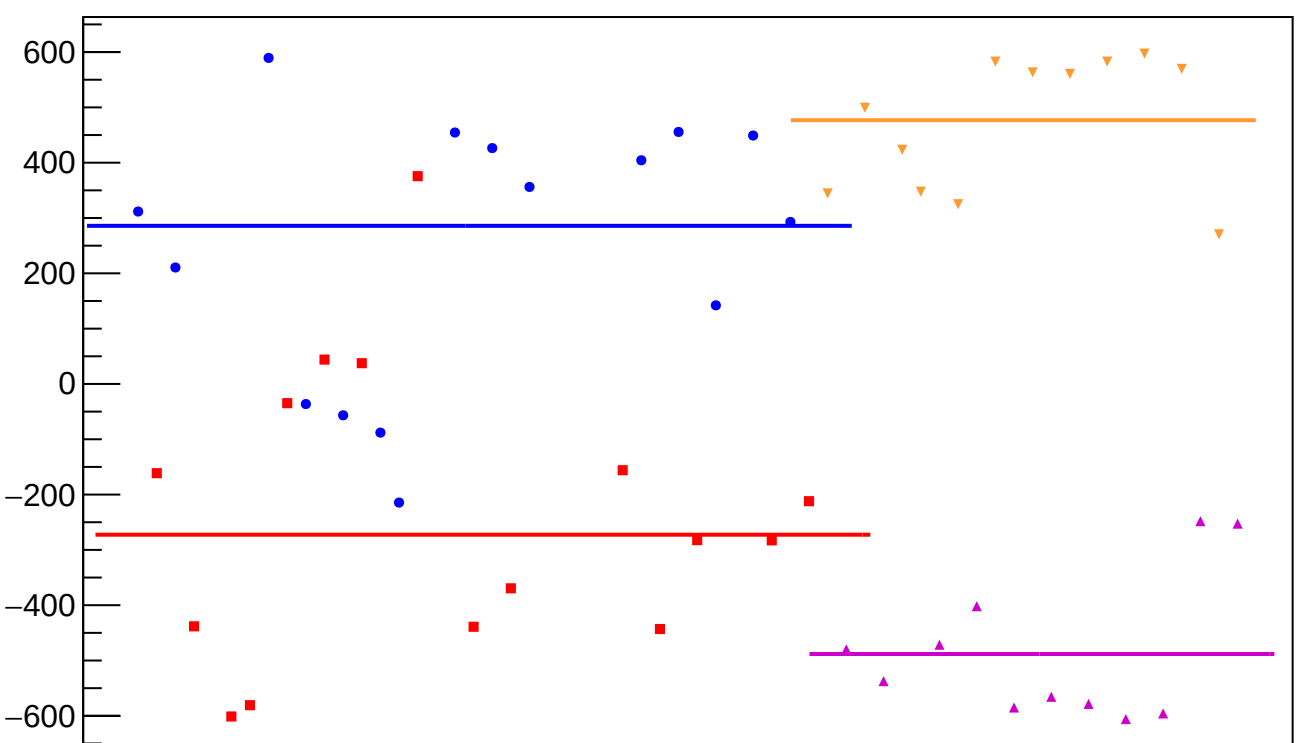
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

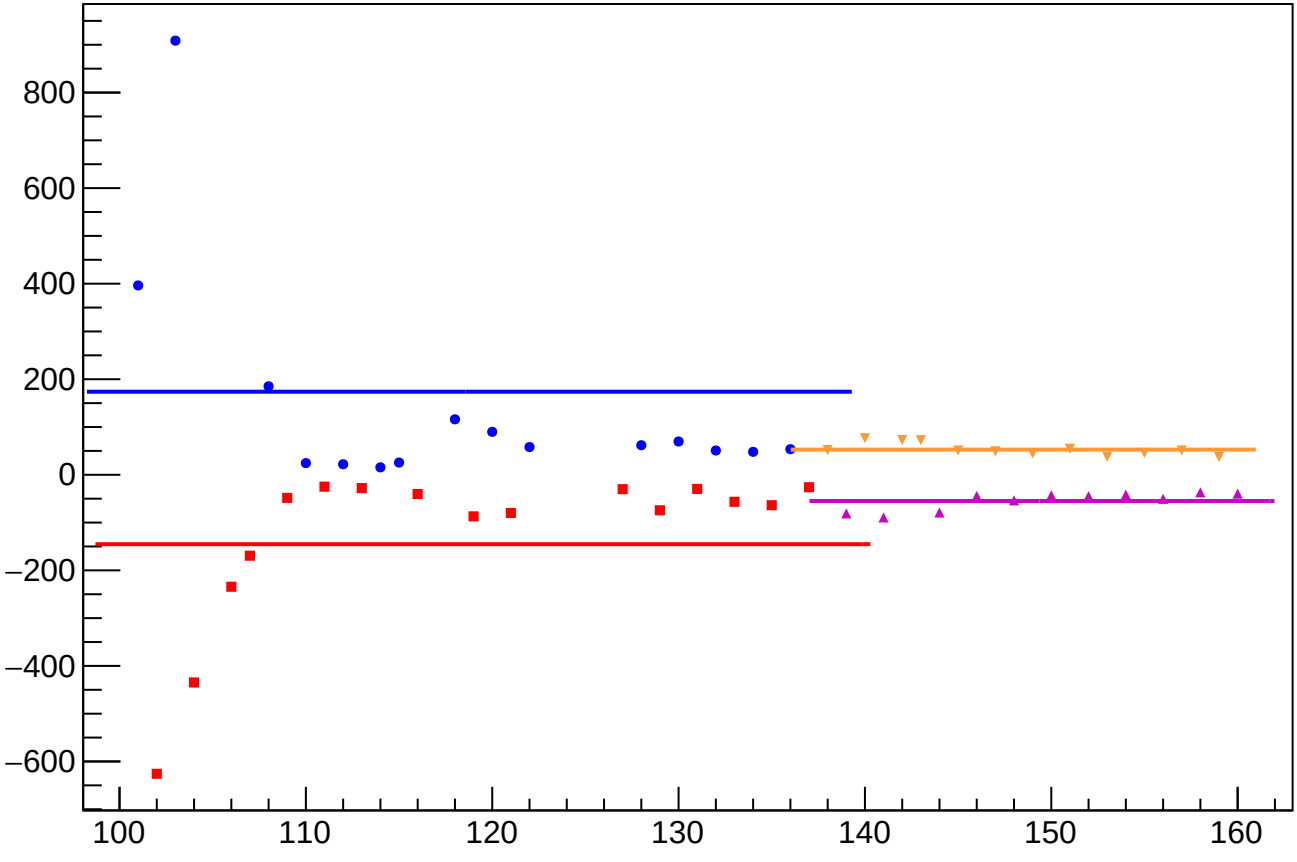
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

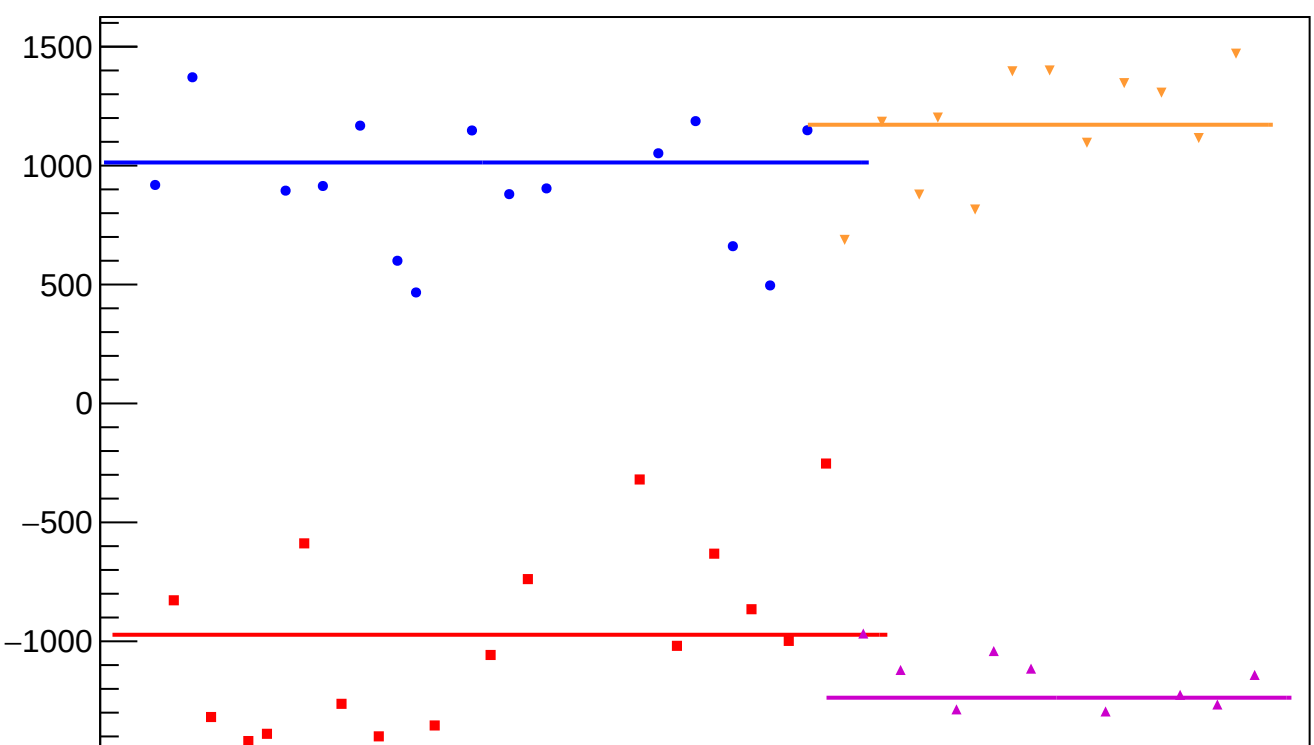
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

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

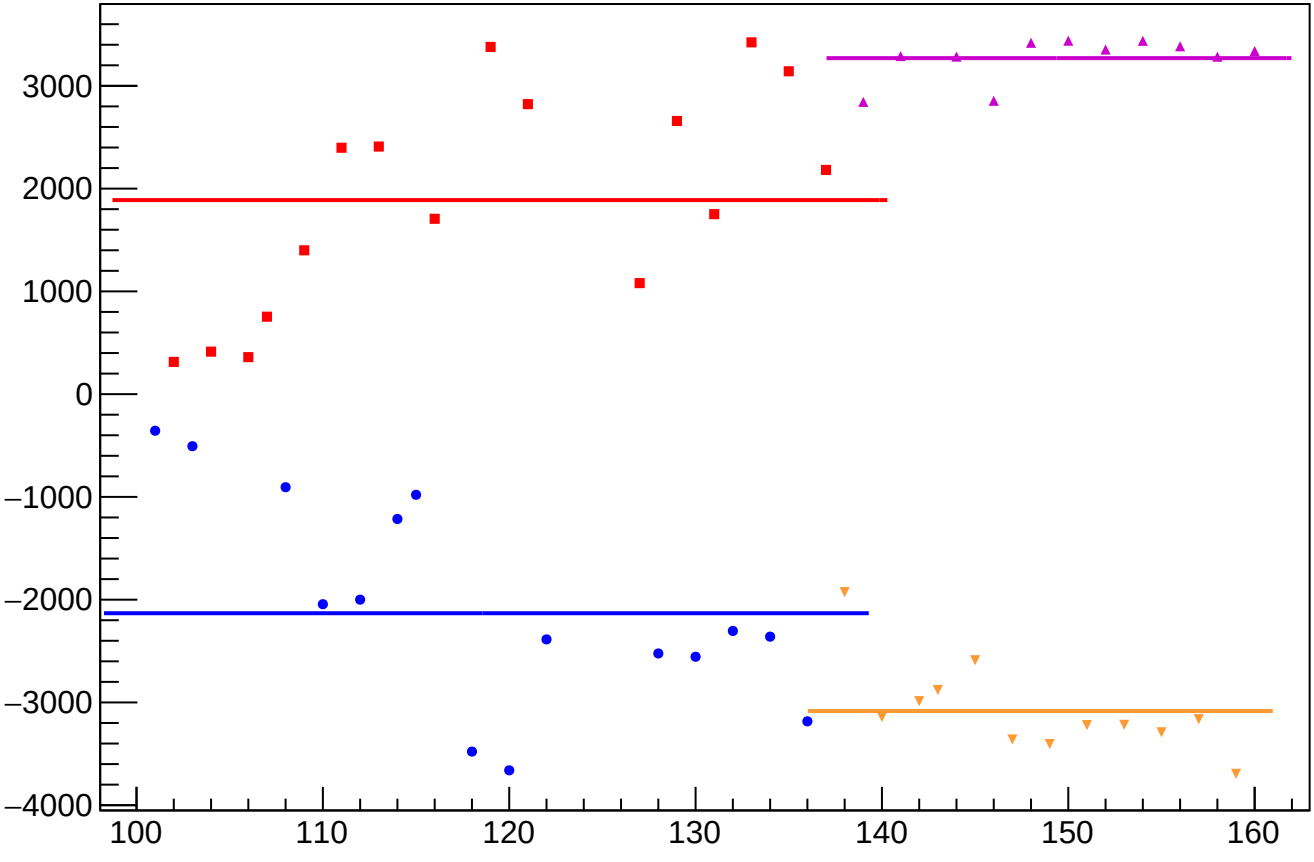
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

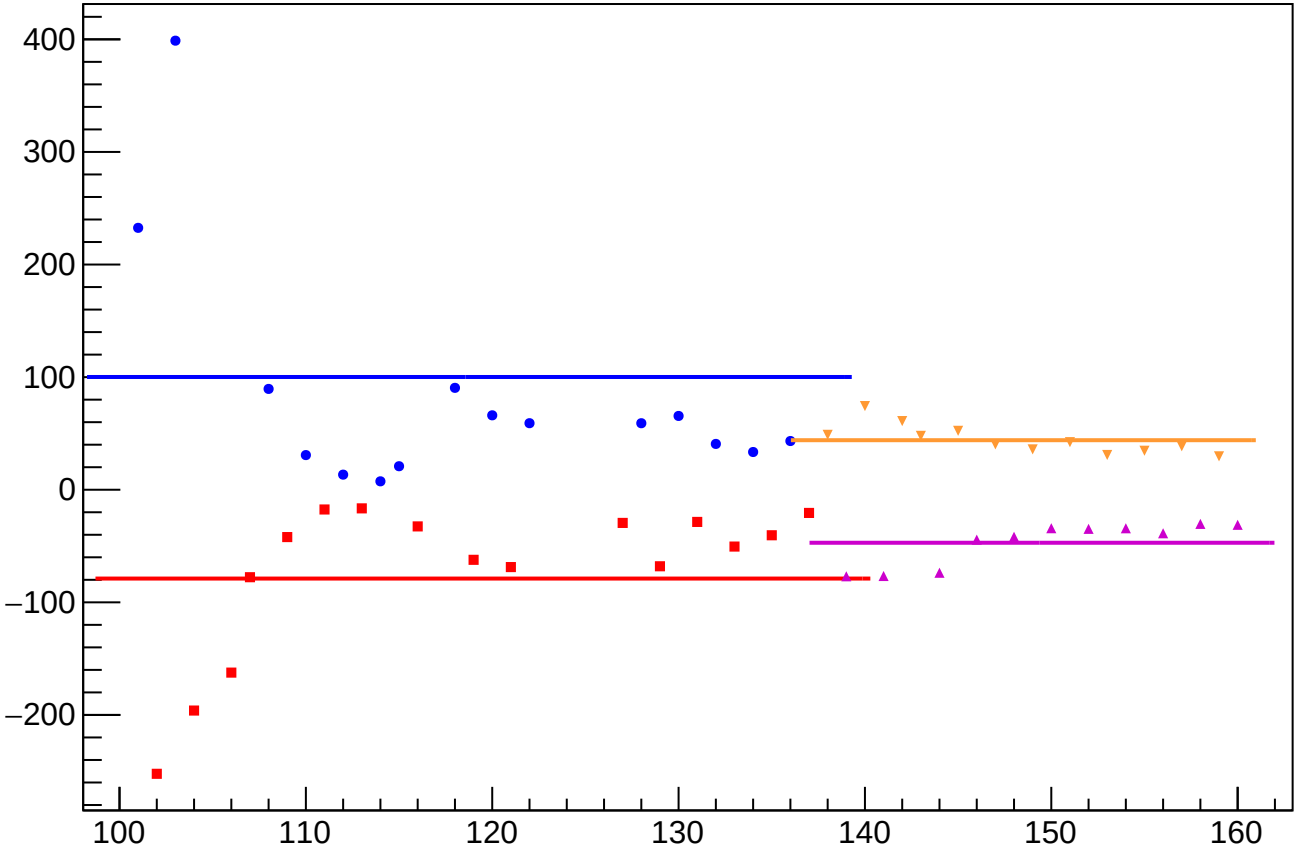
All: -20.037+/-0.000 χ^2/NDF: 415830099668

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

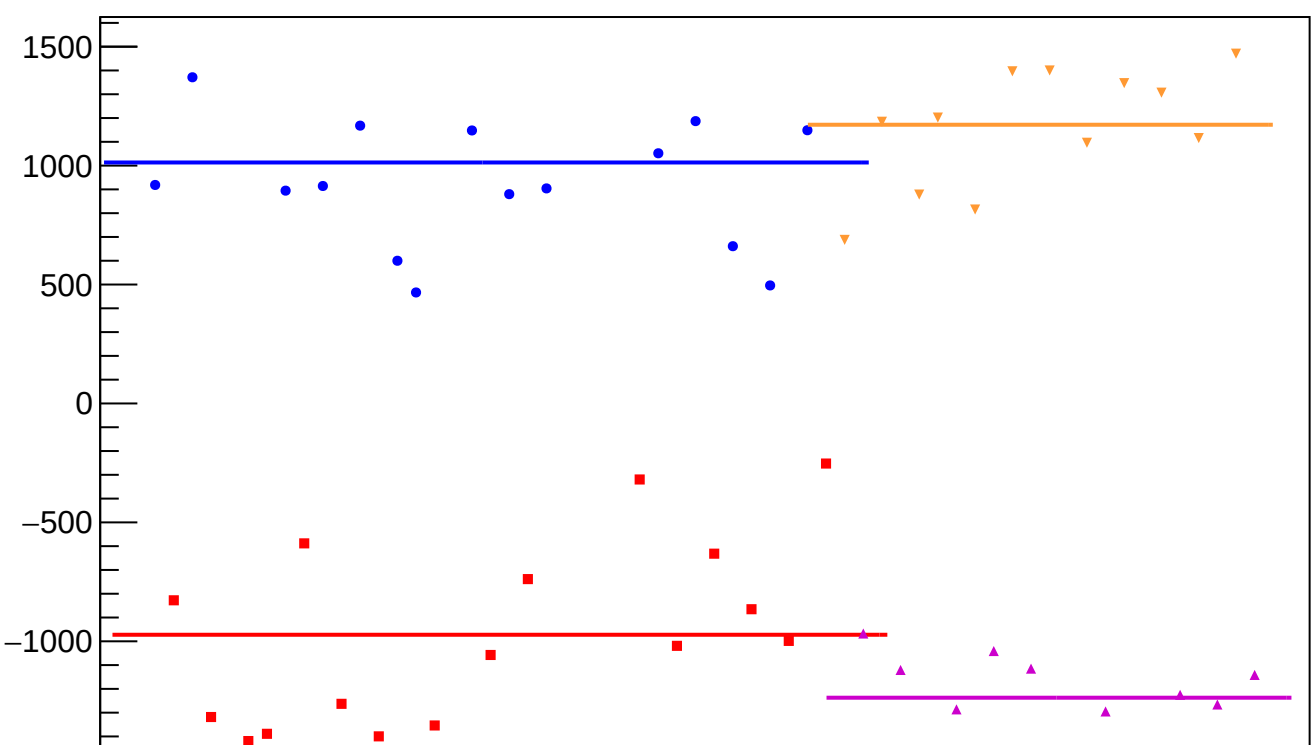
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

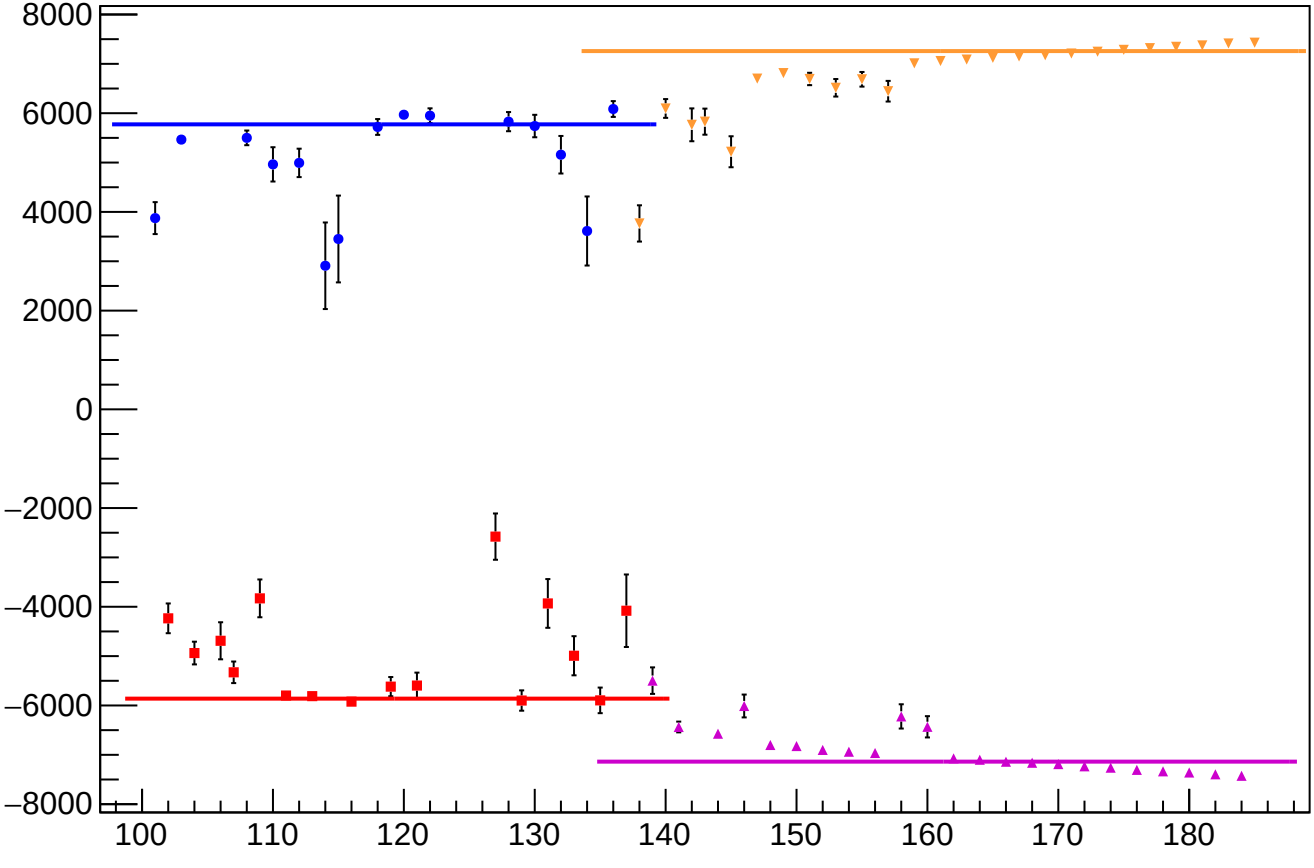
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

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

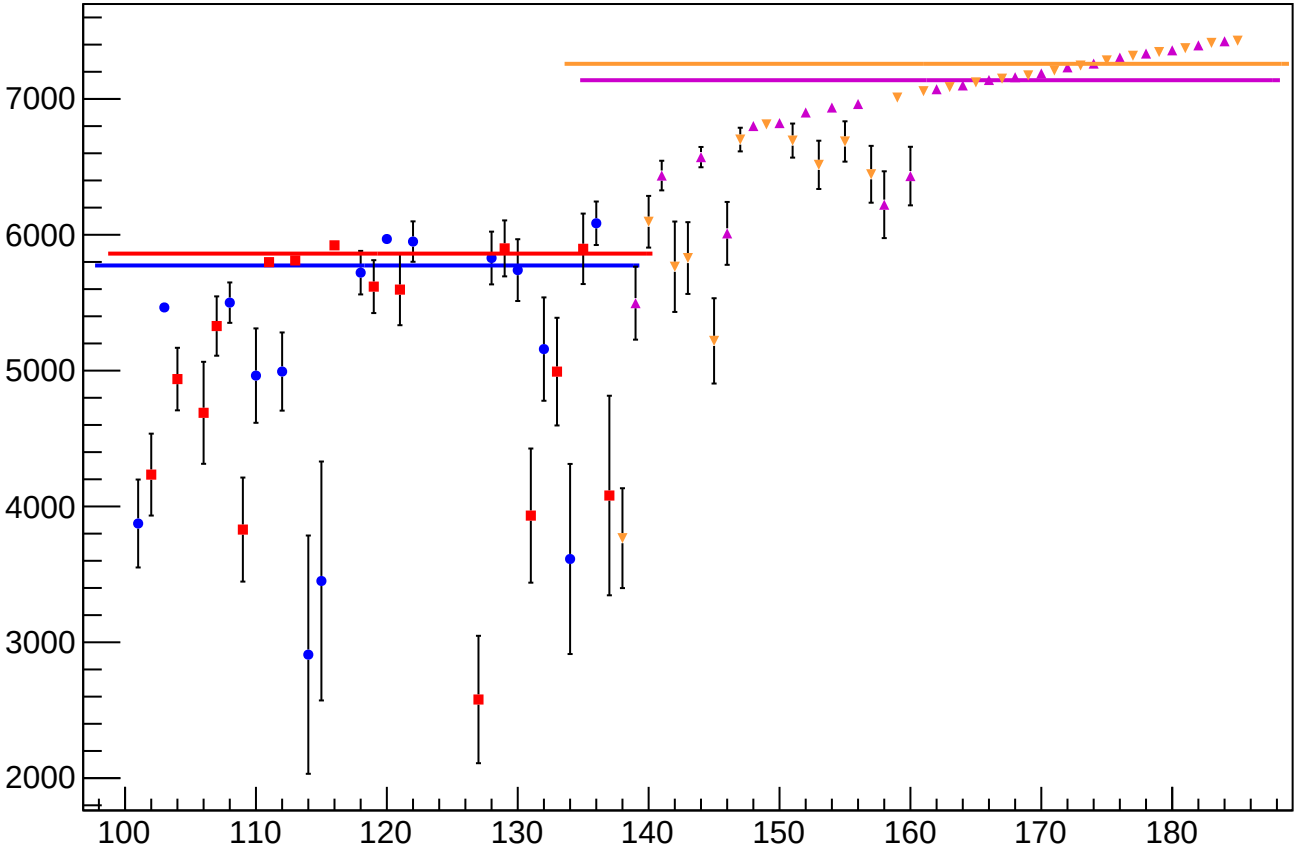
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

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

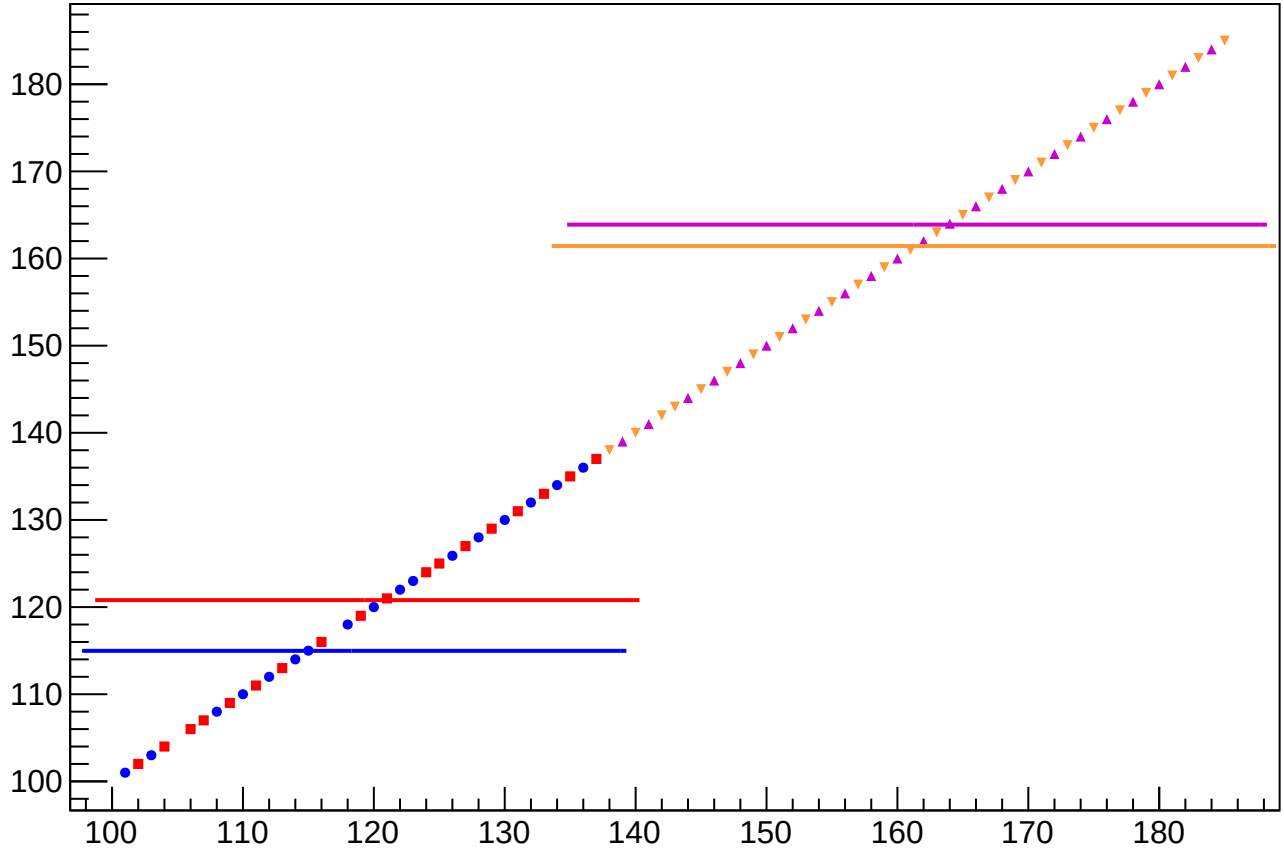
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

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

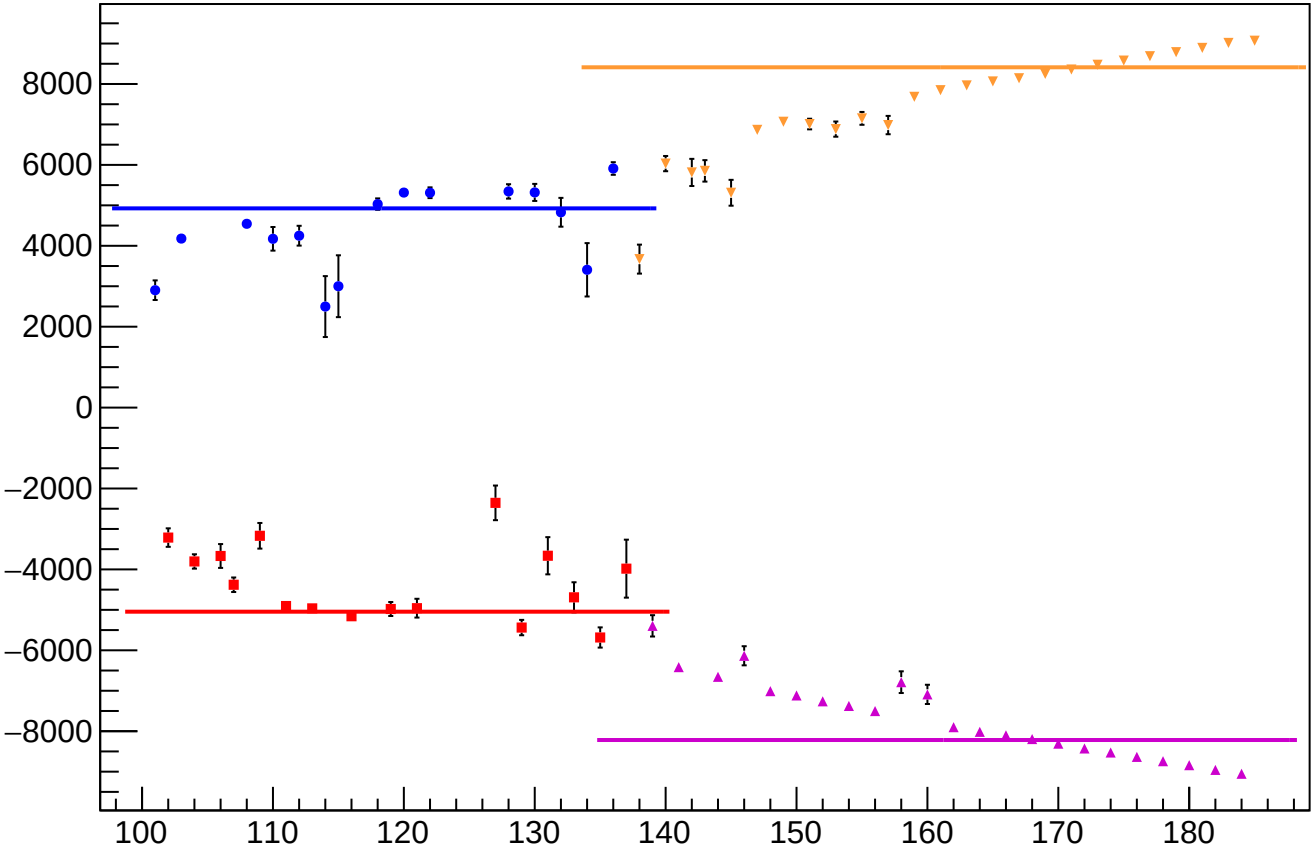
Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

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

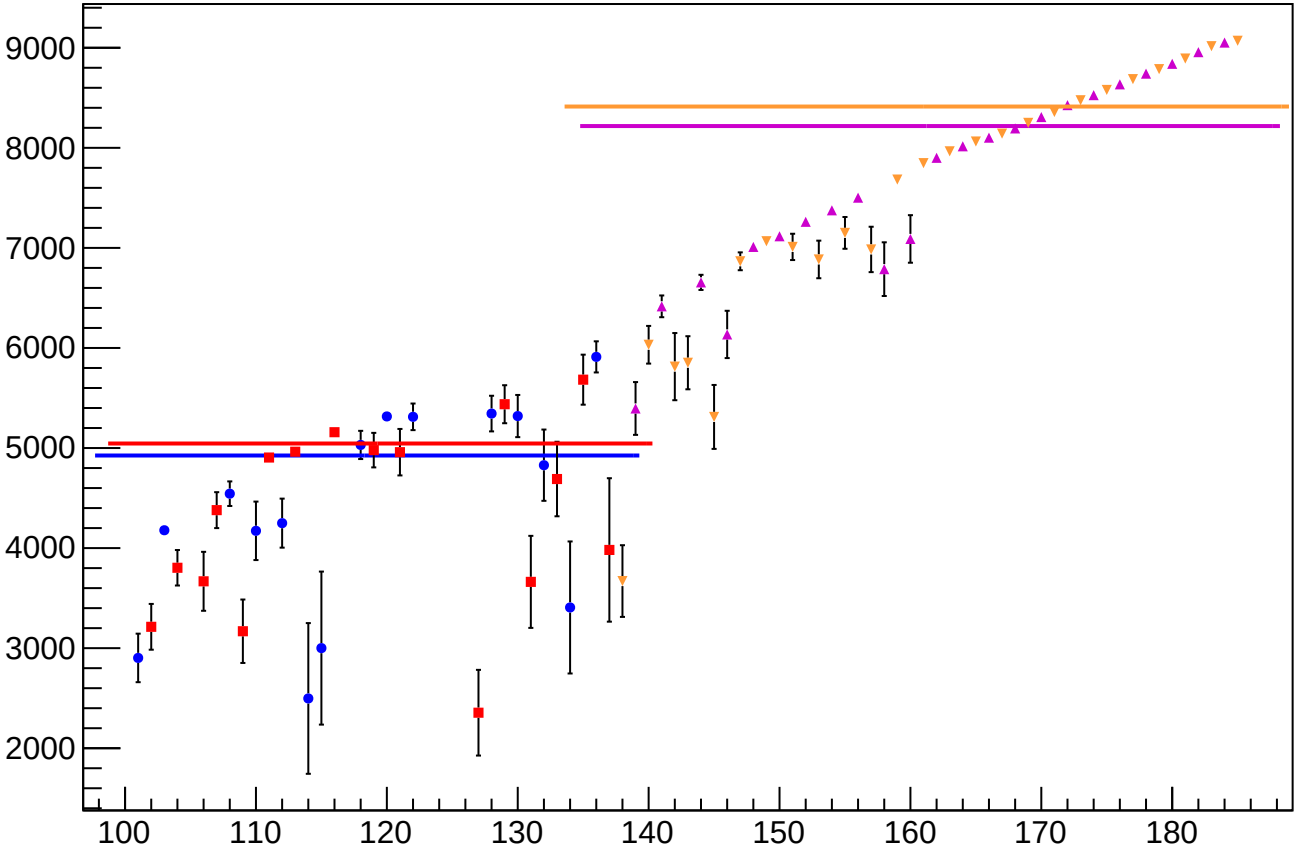
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

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

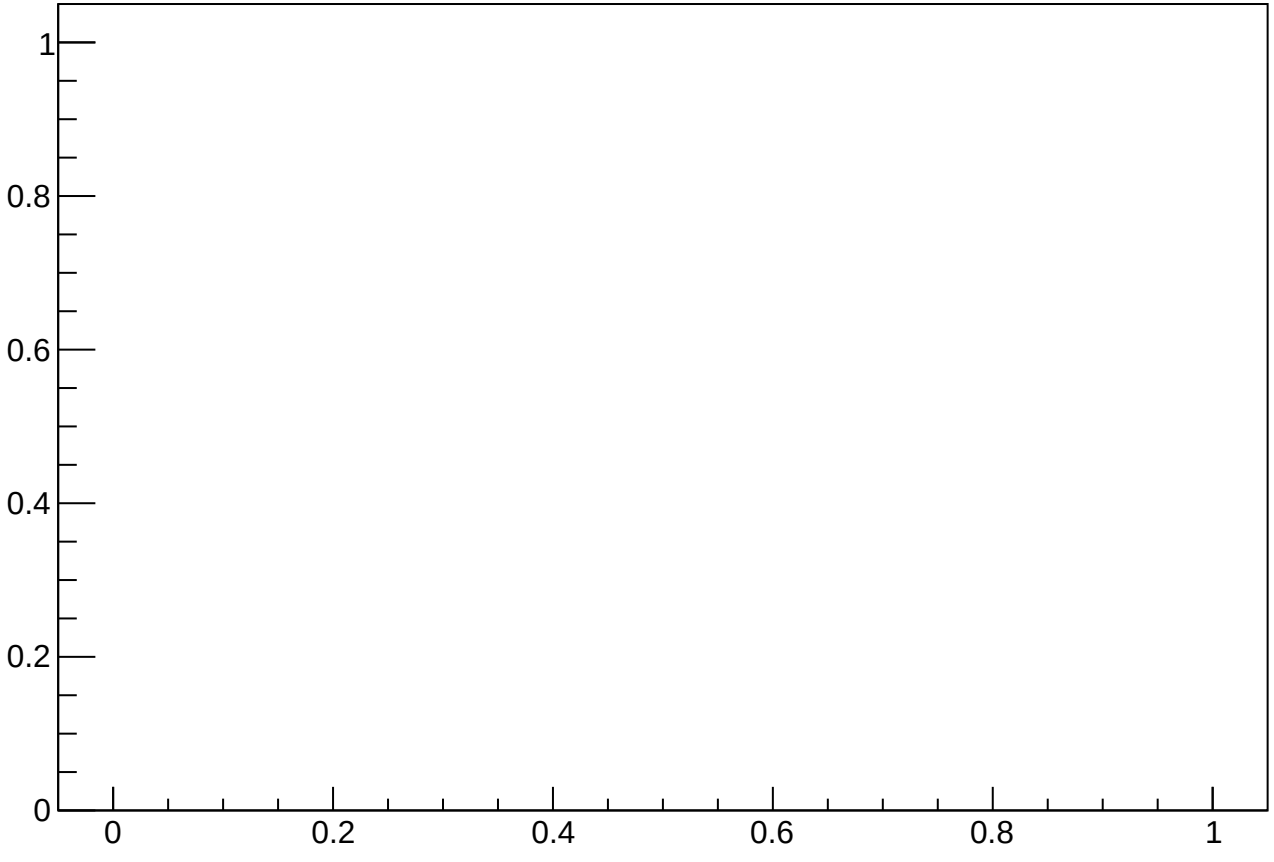
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

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

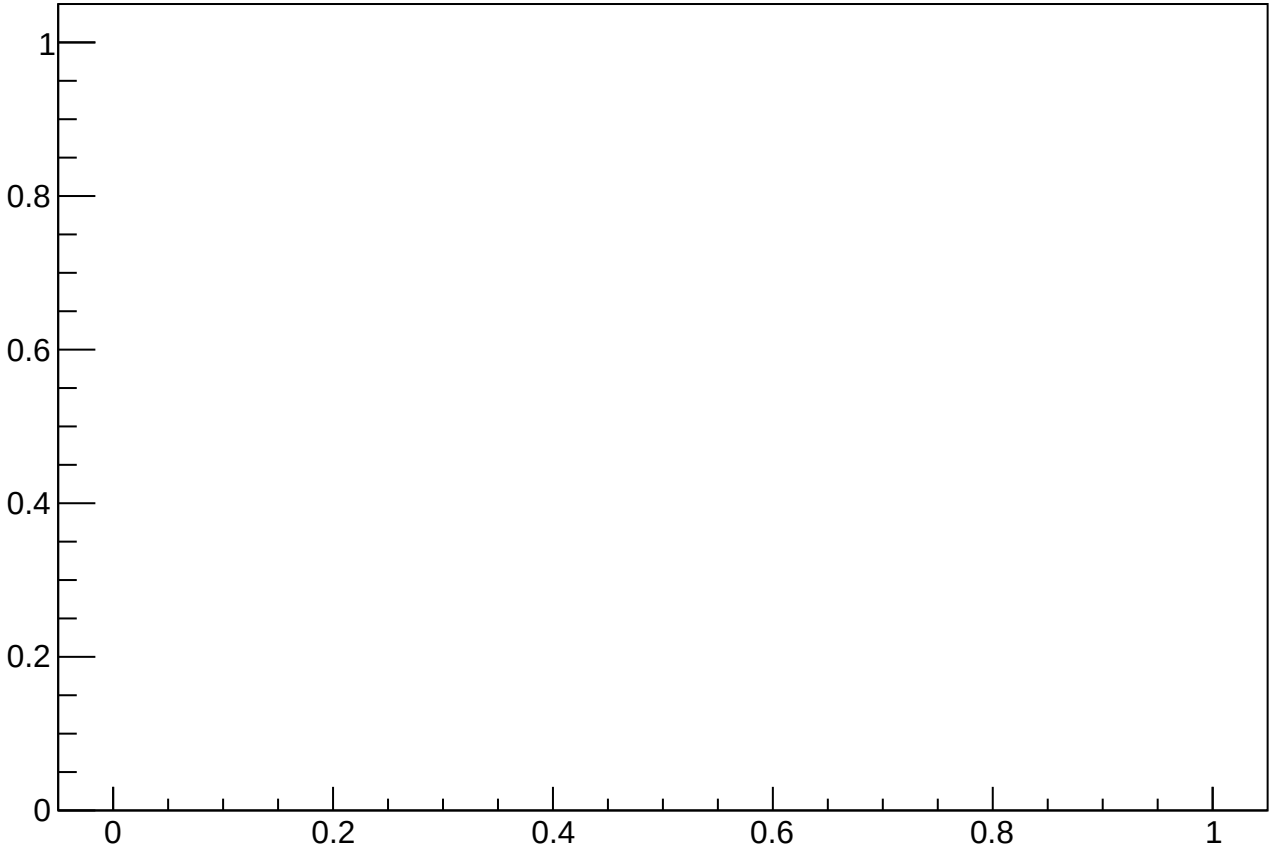
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

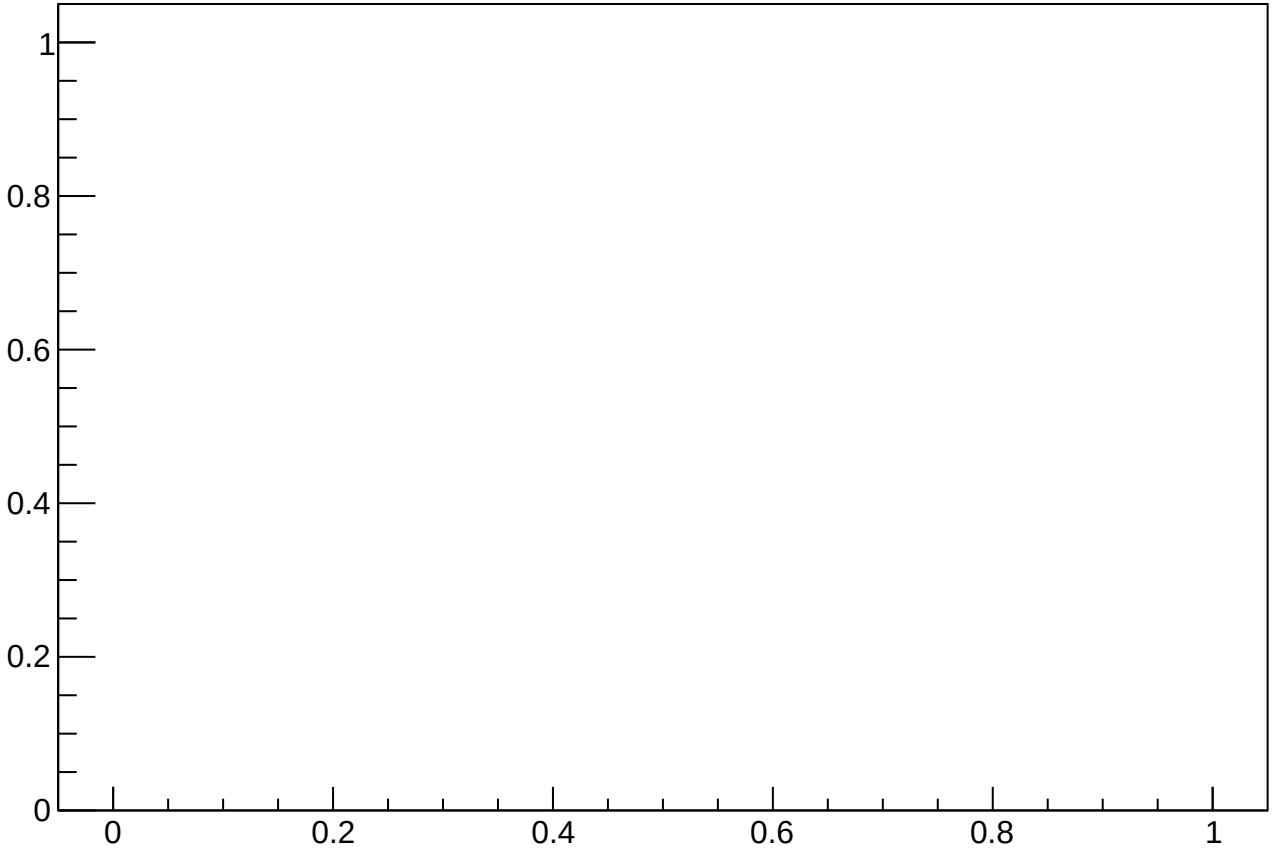
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

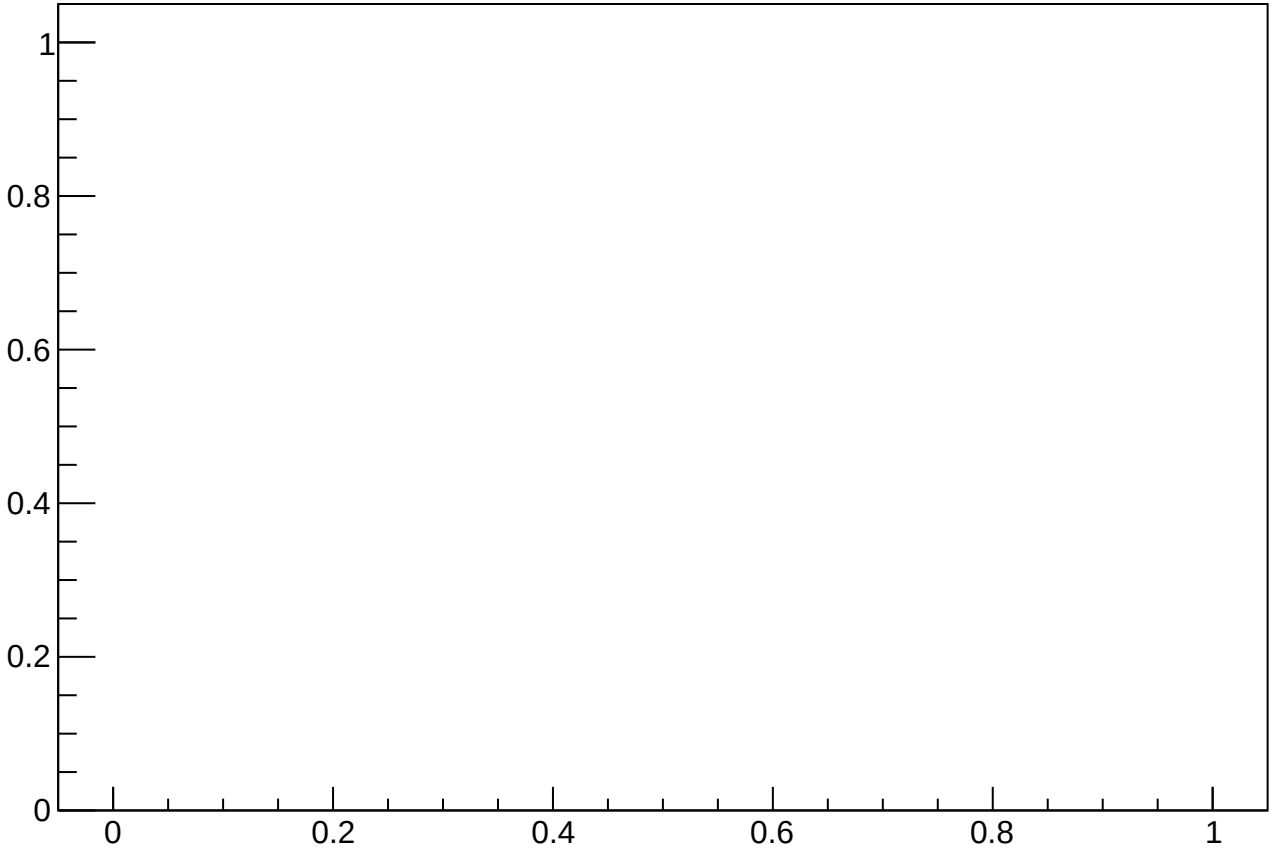
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

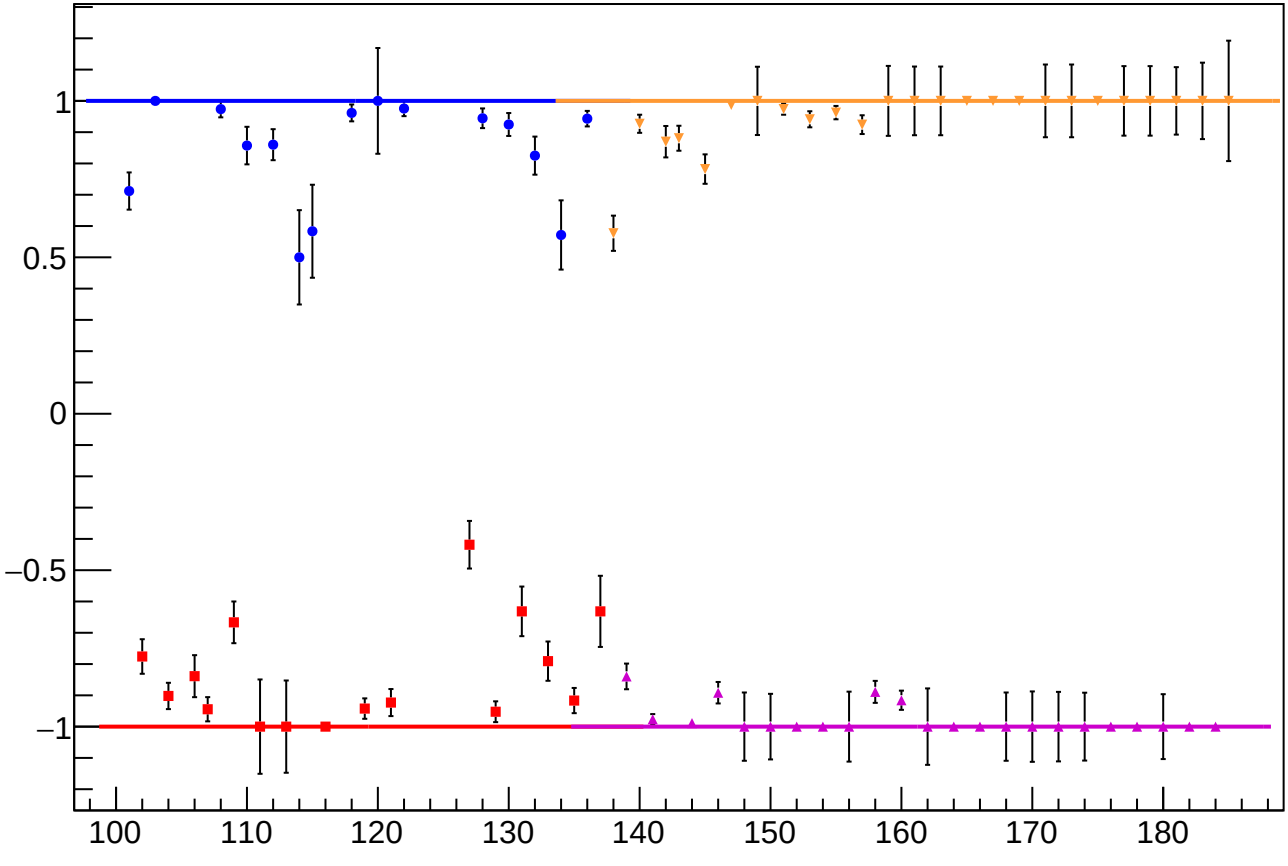
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

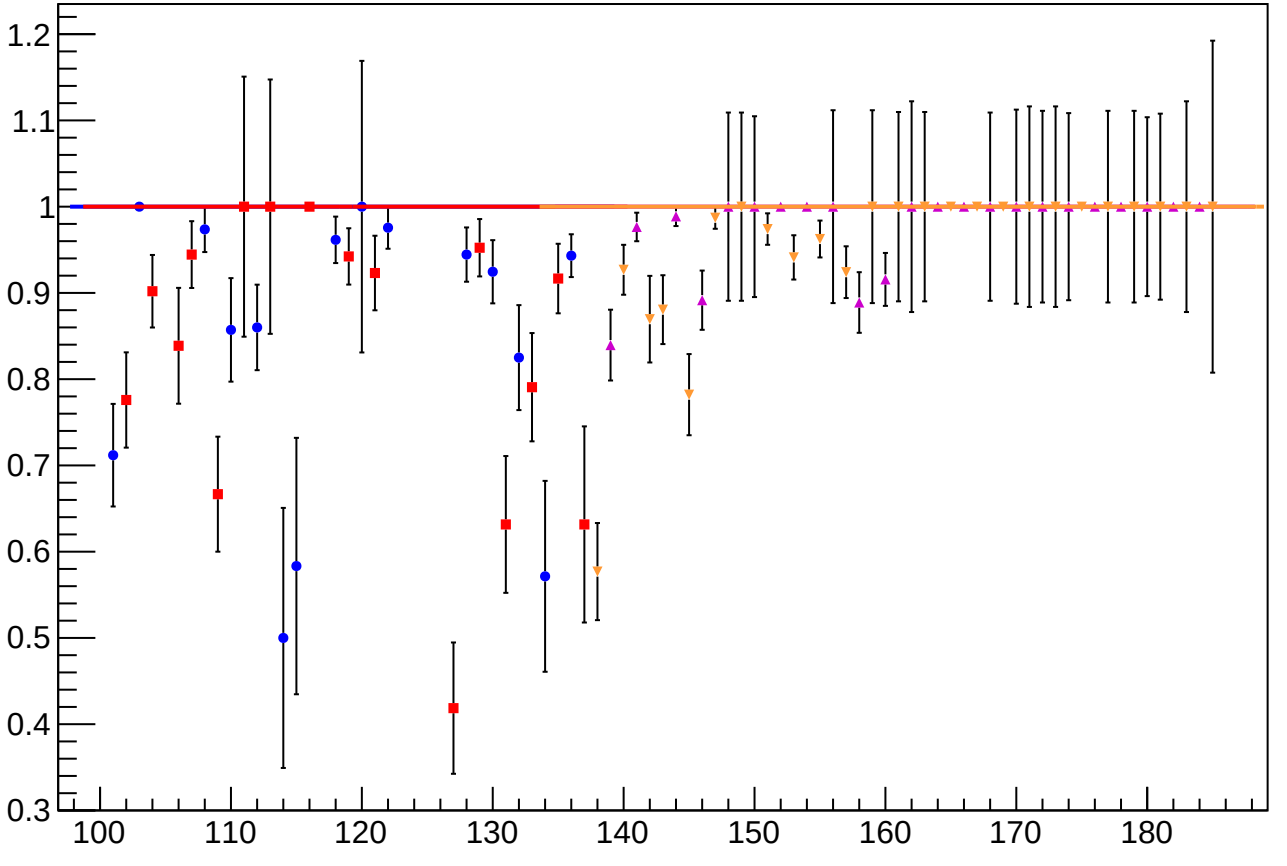
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

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

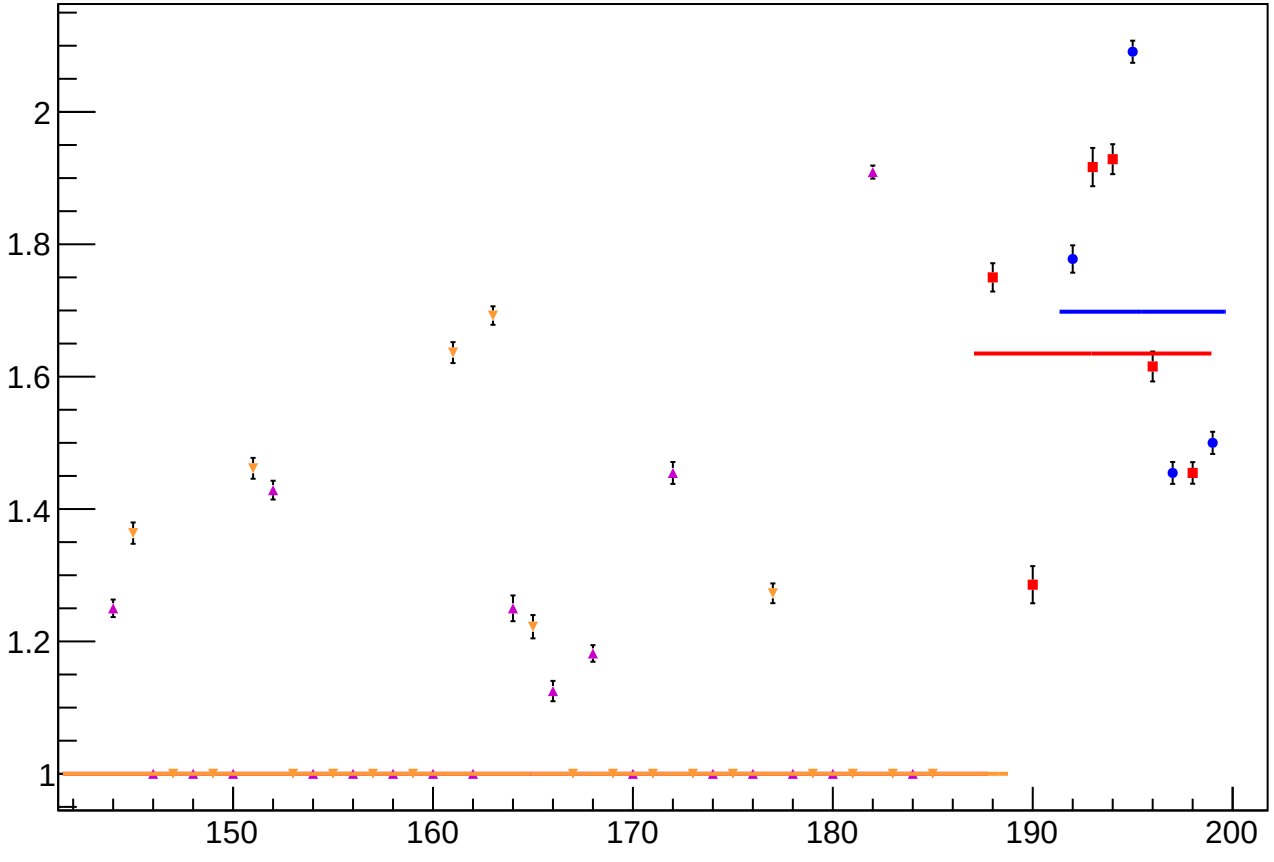
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

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: 1.698+/-0.009 χ^2/NDF: 922.3/3

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

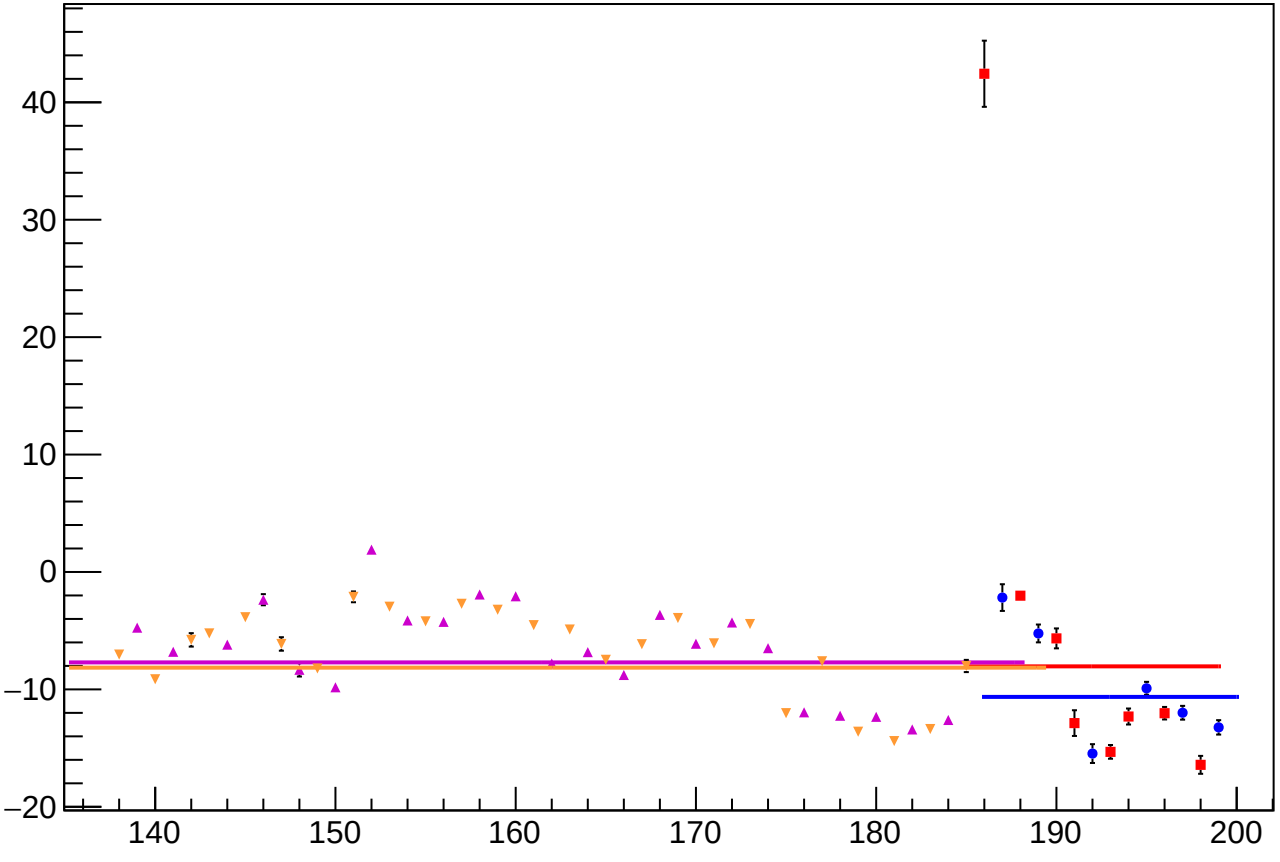
Right: 1.668+/-0.006 χ^2/NDF: 1518.2/9

In: 1.000+/-0.000 χ^2/NDF:19405.2/24

Out: 1.000+/-0.000 χ^2/NDF:24159.9/26

All: 1.000+/-0.000 χ^2/NDF: 31973.5/51

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.640+/-0.278 χ^2/NDF: 167.1/5

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -8.039+/-0.216 χ^2/NDF: 1040.6/7

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

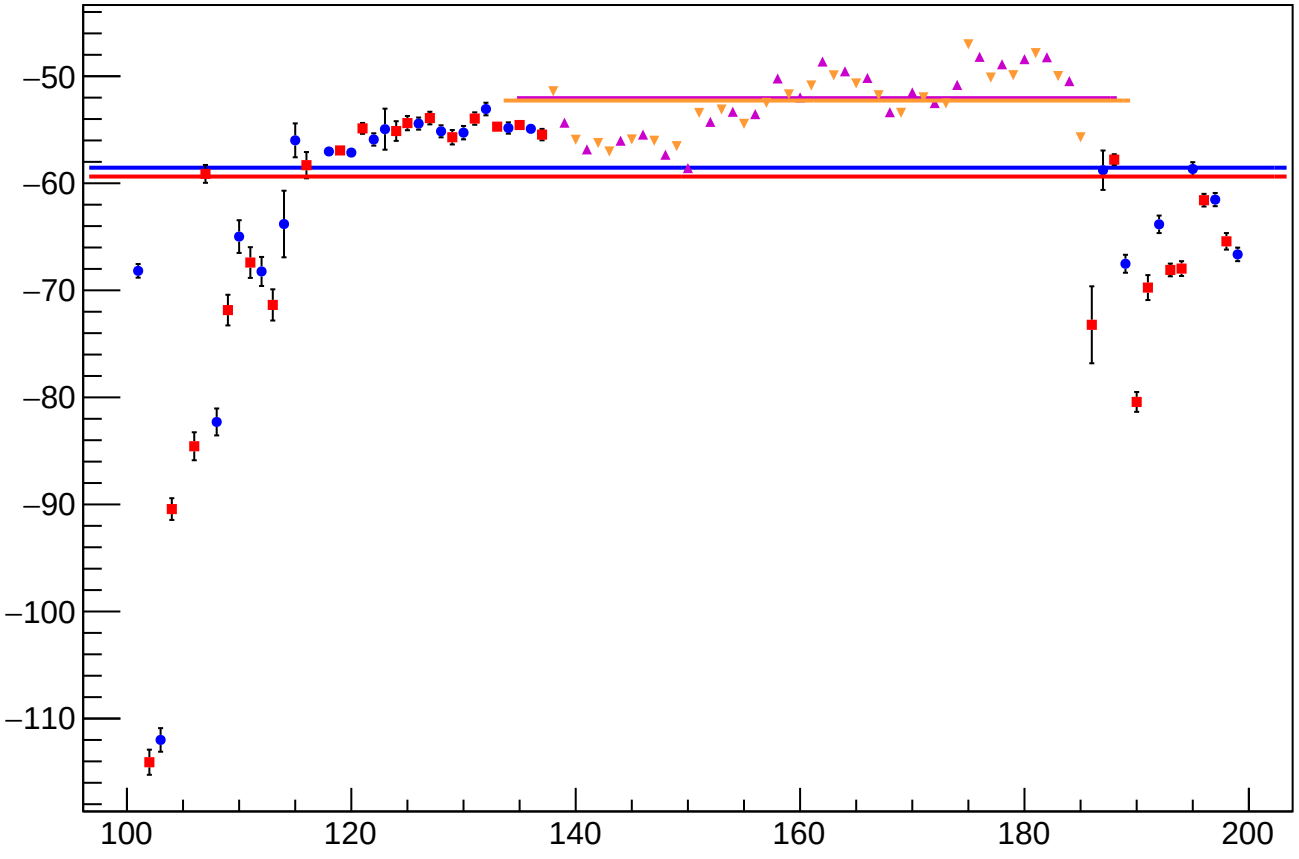
Right: -9.015+/-0.170 χ^2/NDF: 1262.2/13

In: -7.869+/-0.066 χ^2/NDF:4009.5/28

Out: -8.139+/-0.064 χ^2/NDF:4653.9/32

All: -8.008+/-0.046 χ^2/NDF: 8671.8/61

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.545+/-0.128 χ^2/NDF: 3847.5/22

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.371+/-0.125 χ^2/NDF: 5556.4/25

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

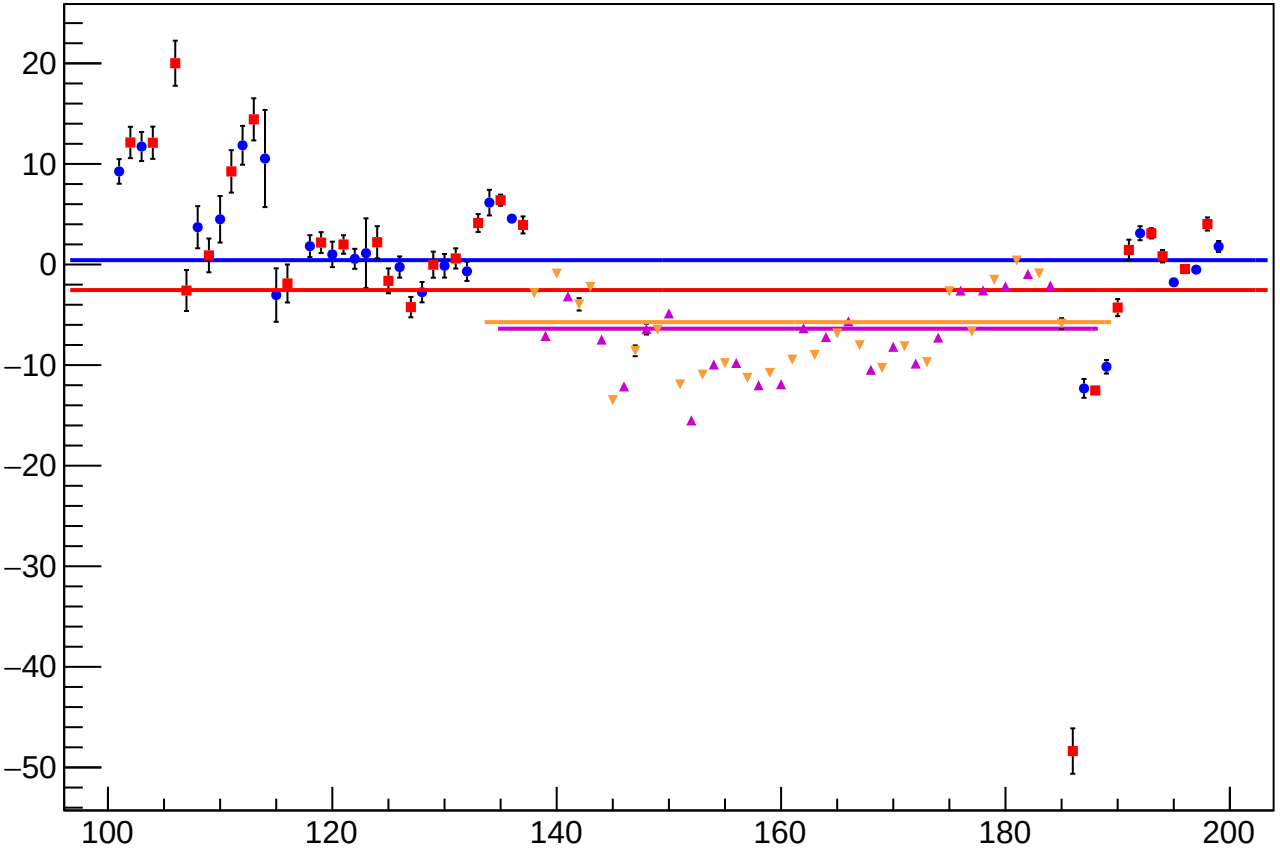
Right: -58.969+/-0.089 χ^2/NDF: 9425.2/48

In: -53.121+/-0.052 χ^2/NDF:9185.6/45

Out: -53.432+/-0.050 χ^2/NDF:10871.4/50

All: -53.281+/-0.036 χ^2/NDF: 20075.5/96

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.433+/-0.176 χ^2/NDF: 775.5/22

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.541+/-0.151 χ^2/NDF: 2866.6/25

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

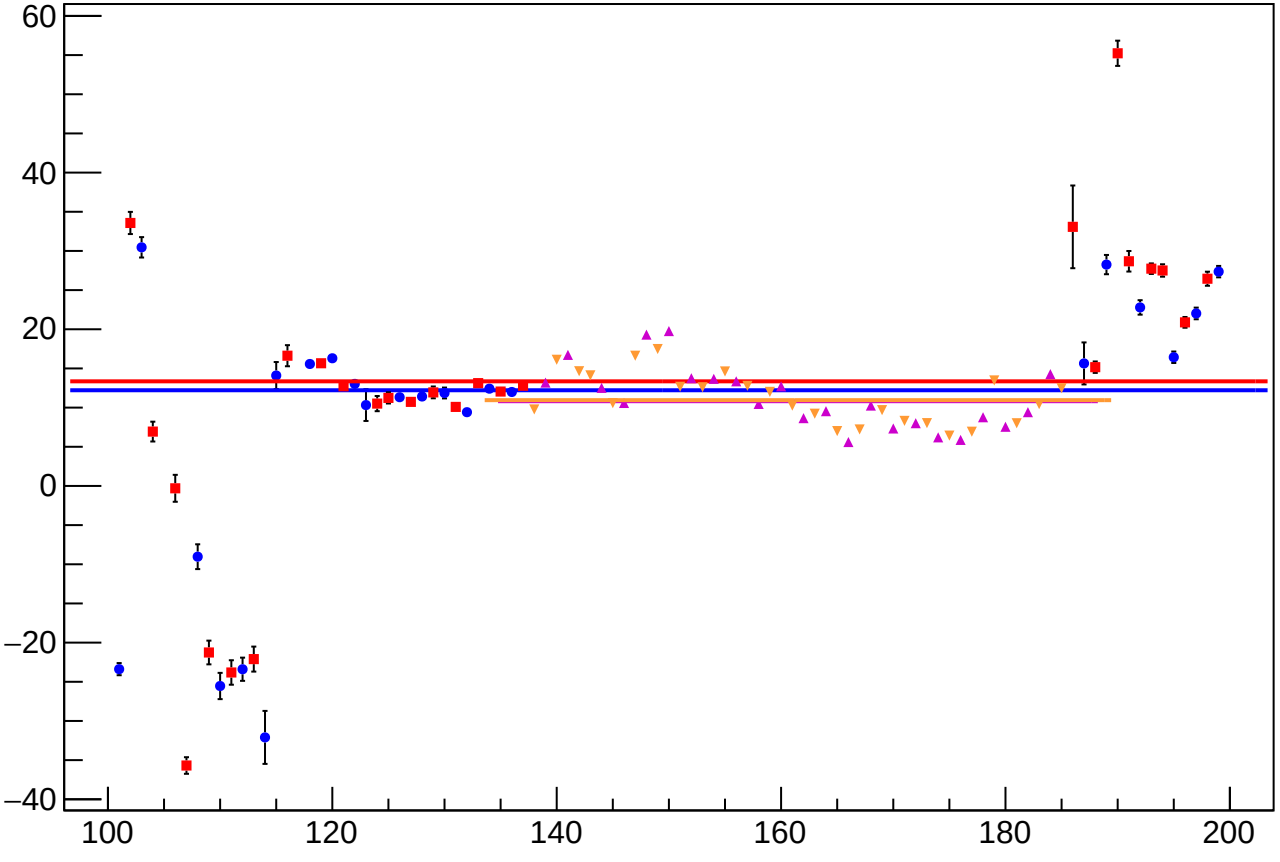
Right: -1.277+/-0.115 χ^2/NDF: 3806.4/48

In: -5.487+/-0.064 χ^2/NDF:5474.5/45

Out: -5.193+/-0.062 χ^2/NDF:7224.7/50

All: -5.336+/-0.044 χ^2/NDF: 12710.2/96

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.215+/-0.144 χ^2/NDF: 4803.1/22

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 13.354+/-0.143 χ^2/NDF: 6074.4/25

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

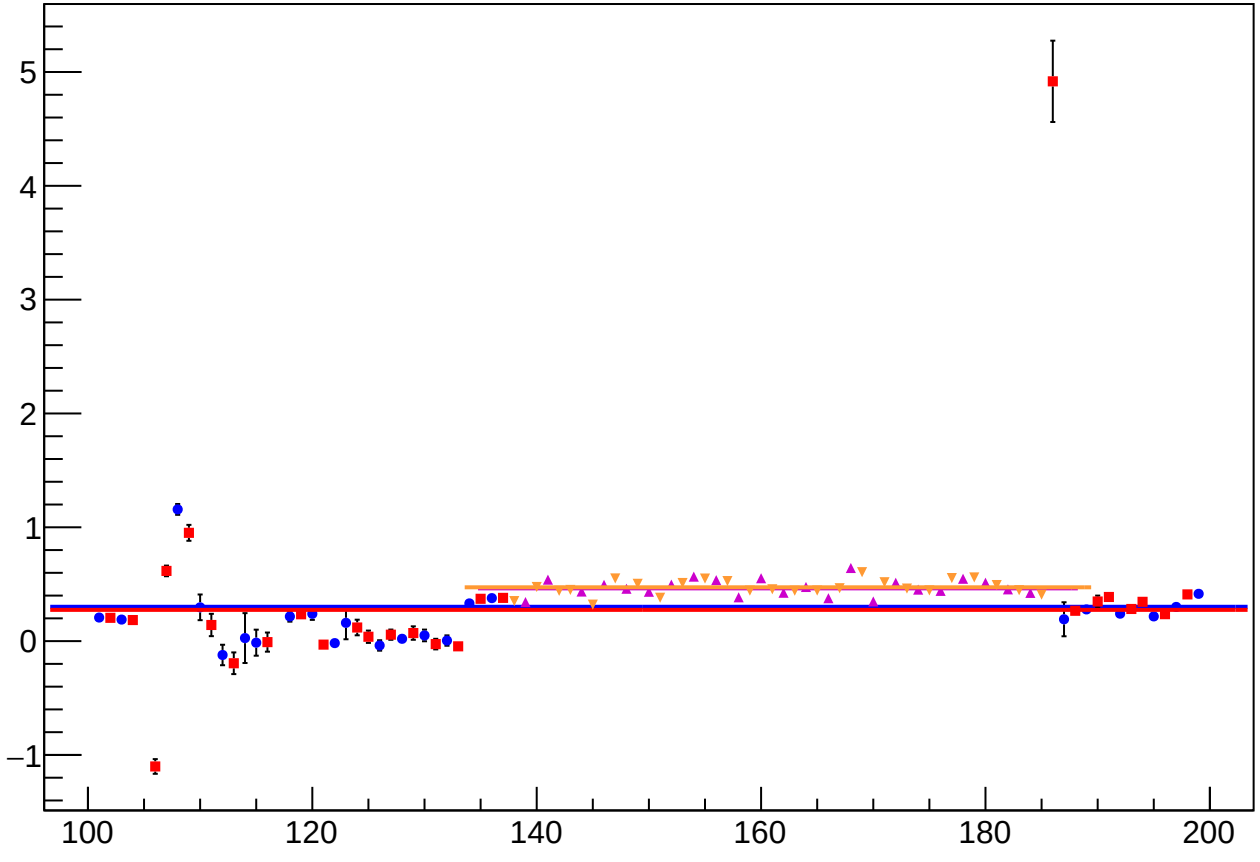
Right: 12.790+/-0.101 χ^2/NDF: 10909.1/48

In: 11.042+/-0.058 χ^2/NDF:8459.8/45

Out: 11.327+/-0.056 χ^2/NDF:8934.1/50

All: 11.188+/-0.040 χ^2/NDF: 17406.3/96

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.302+/-0.007 χ^2/NDF: 696.2/22

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.275+/-0.007 χ^2/NDF: 1183.2/25

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

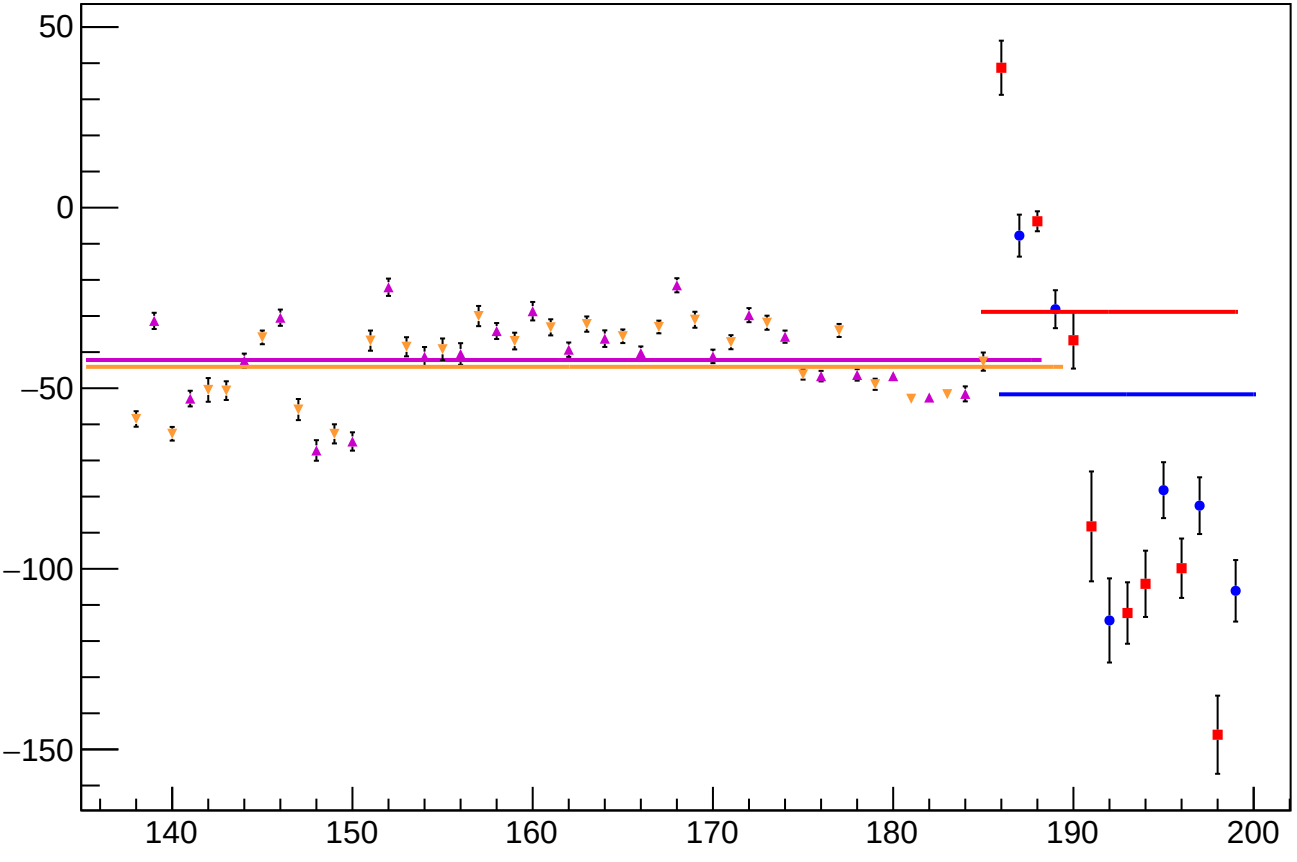
Right: 0.288+/-0.005 χ^2/NDF: 1888.0/48

In: 0.439+/-0.003 χ^2/NDF:1953.4/45

Out: 0.442+/-0.003 χ^2/NDF:2485.3/50

All: 0.441+/-0.002 χ^2/NDF: 4439.4/96

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -51.686+/-2.889 χ^2/NDF: 174.0/5

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -28.851+/-2.141 χ^2/NDF: 534.8/7

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

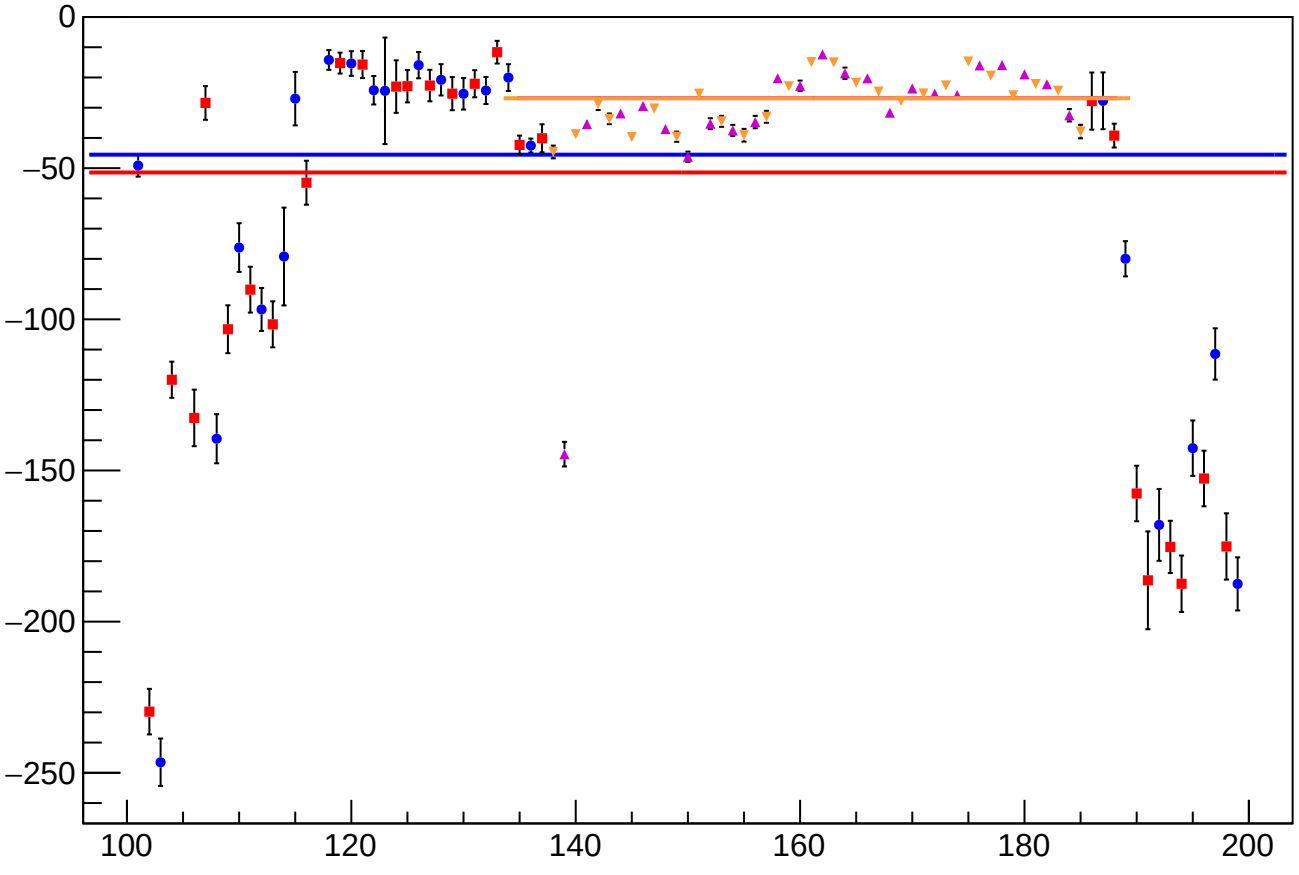
Right: -36.948+/-1.720 χ^2/NDF: 749.2/13

In: -42.362+/-0.394 χ^2/NDF:835.7/28

Out: -43.587+/-0.383 χ^2/NDF:1216.6/32

All: -42.991+/-0.275 χ^2/NDF: 2057.2/61

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -45.533+/-1.078 χ^2/NDF: 1751.3/22

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -51.421+/-1.106 χ^2/NDF: 2216.7/25

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

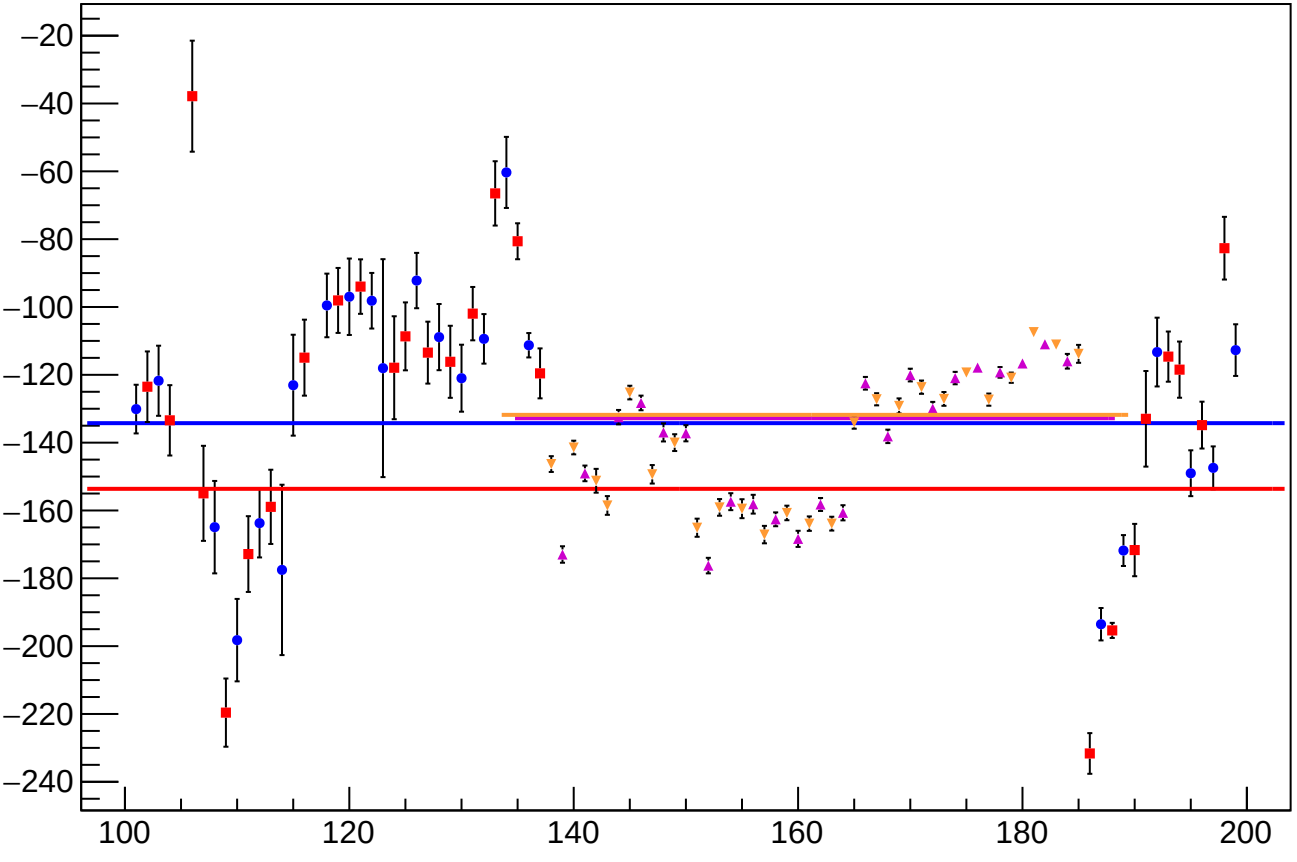
Right: -48.402+/-0.772 χ^2/NDF: 3982.5/48

In: -28.387+/-0.312 χ^2/NDF:3508.8/45

Out: -28.731+/-0.305 χ^2/NDF:3301.3/50

All: -28.563+/-0.218 χ^2/NDF: 6810.7/96

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -134.251+/-1.584 χ^2/NDF: 471.4/22

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -153.616+/-1.386 χ^2/NDF: 1244.8/25

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

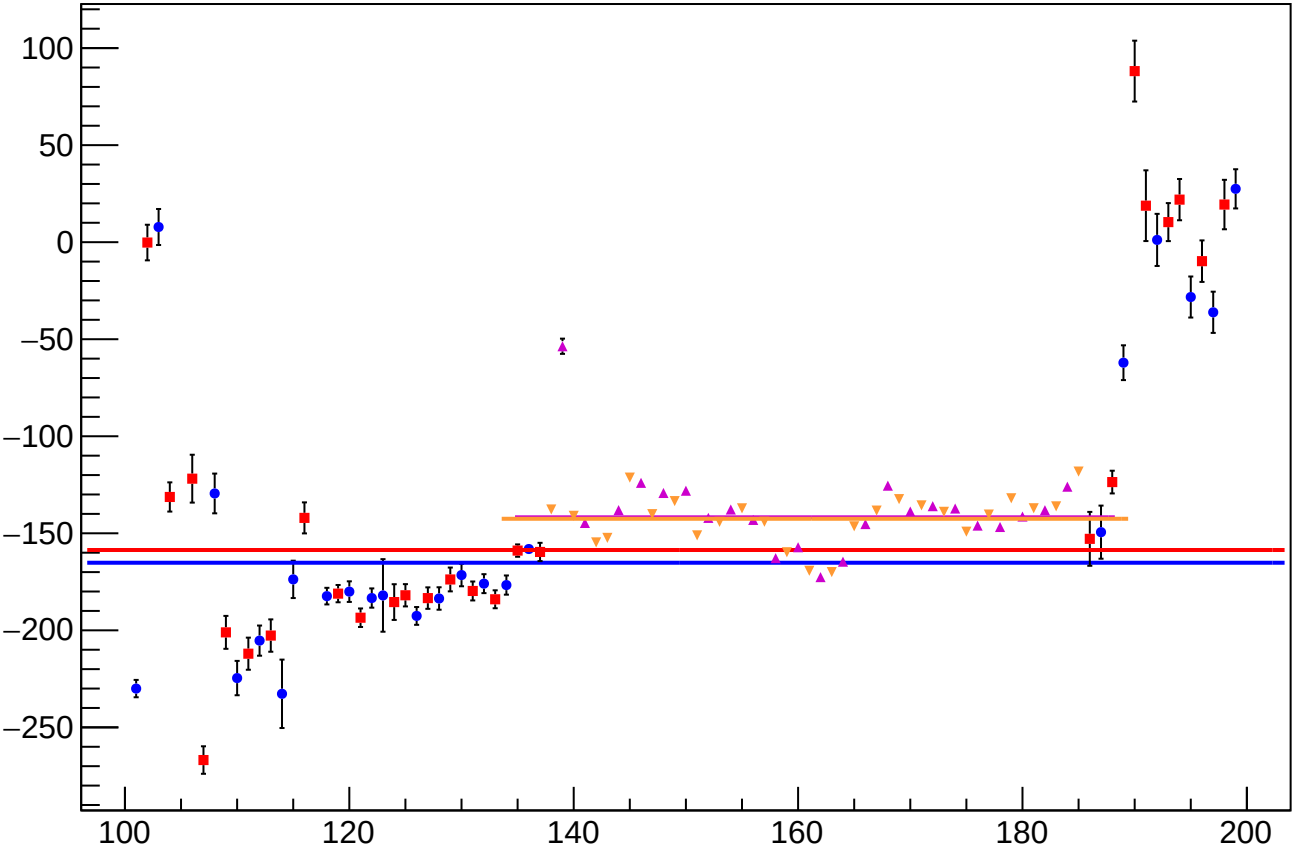
Right: -145.220+/-1.043 χ^2/NDF: 1800.8/48

In: -132.885+/-0.386 χ^2/NDF:2988.0/45

Out: -133.422+/-0.377 χ^2/NDF:3891.2/50

All: -133.159+/-0.270 χ^2/NDF: 6880.2/96

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -165.174+/-1.219 χ^2/NDF: 1728.3/22

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -158.610+/-1.271 χ^2/NDF: 2184.7/25

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

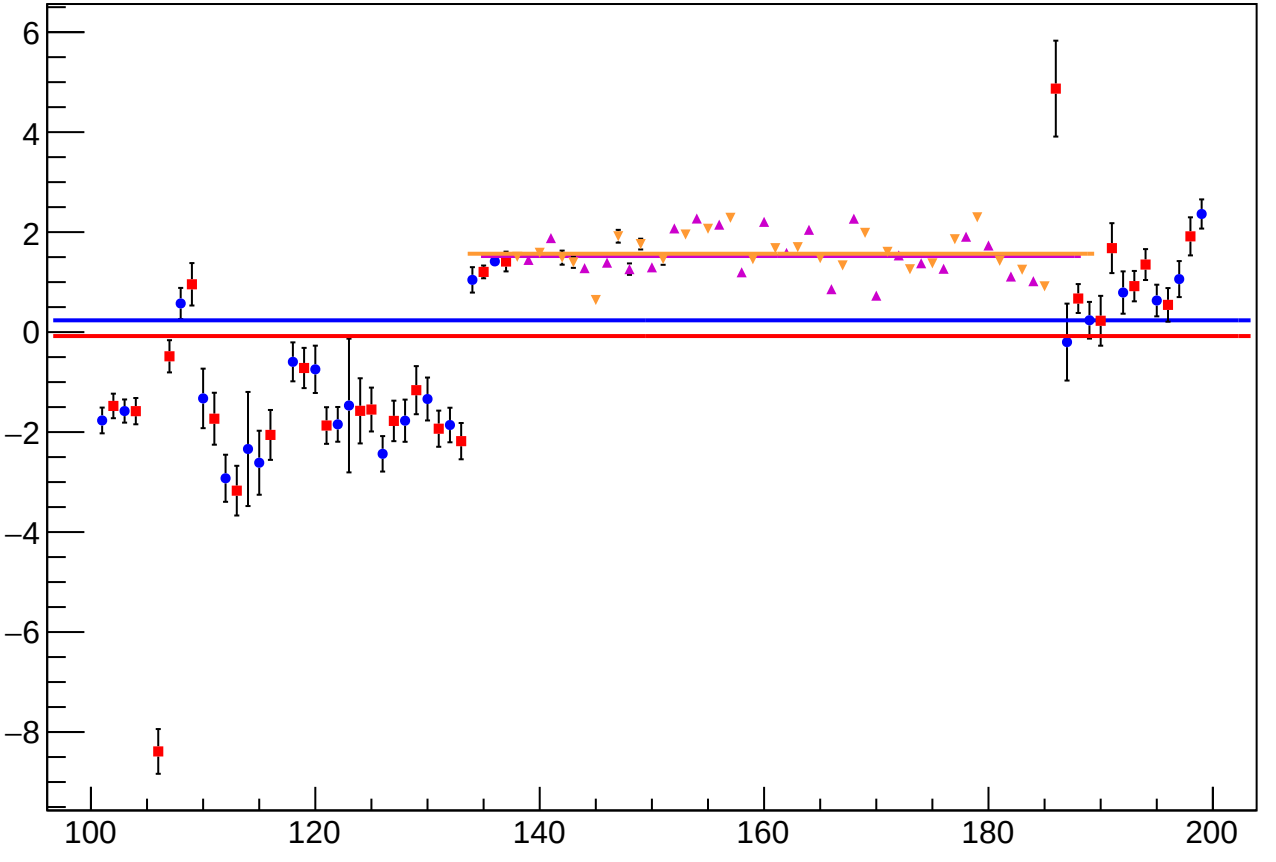
Right: -162.030+/-0.880 χ^2/NDF: 3926.9/48

In: -143.673+/-0.348 χ^2/NDF:3671.5/45

Out: -143.680+/-0.342 χ^2/NDF:3477.5/50

All: -143.676+/-0.244 χ^2/NDF: 7149.0/96

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236+/-0.061 χ^2/NDF: 594.4/22

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.079+/-0.063 χ^2/NDF: 874.3/25

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

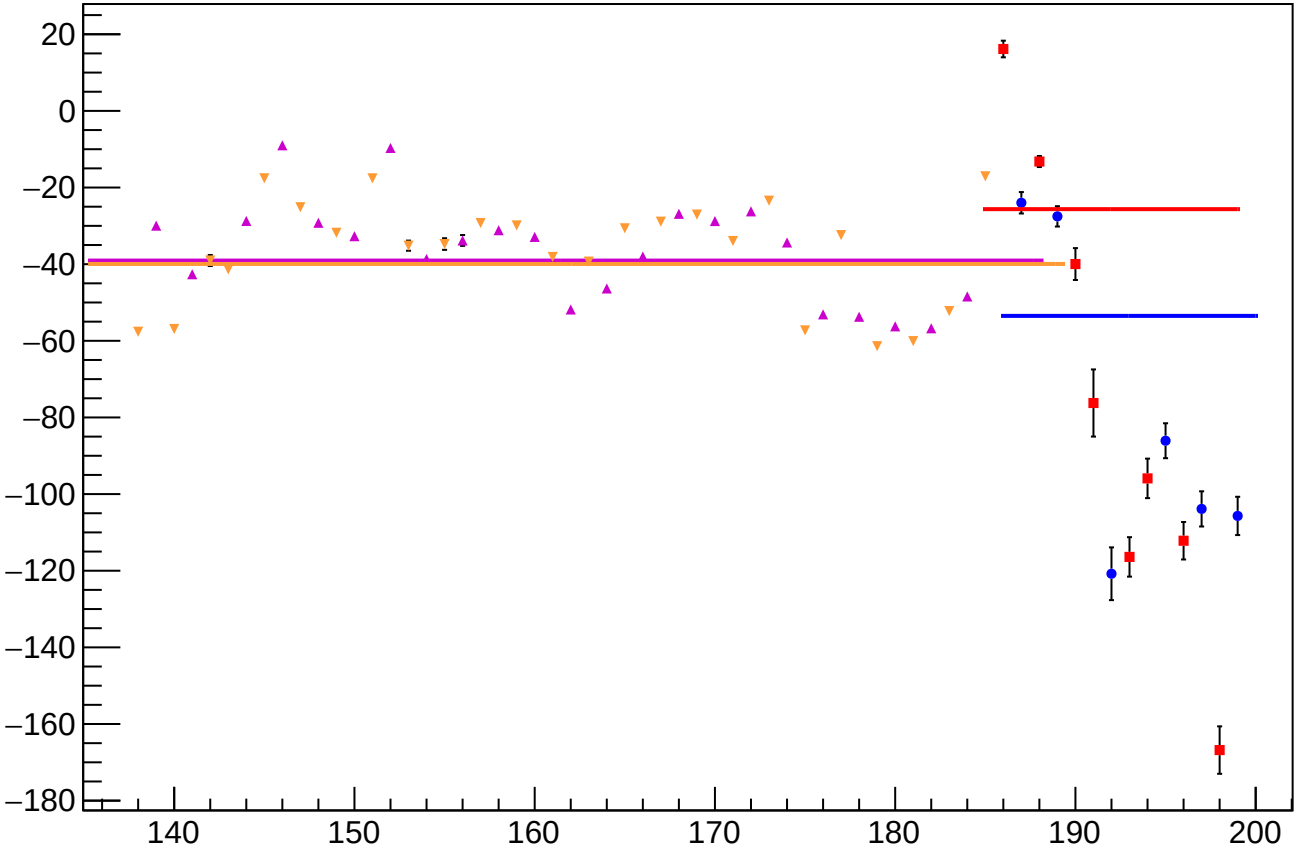
Right: 0.082+/-0.044 χ^2/NDF: 1481.7/48

In: 1.435+/-0.016 χ^2/NDF:1745.7/45

Out: 1.464+/-0.016 χ^2/NDF:2063.6/50

All: 1.450+/-0.011 χ^2/NDF: 3811.0/96

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -53.496+/-1.531 χ^2/NDF: 583.6/5

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -25.640+/-1.049 χ^2/NDF: 1819.1/7

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

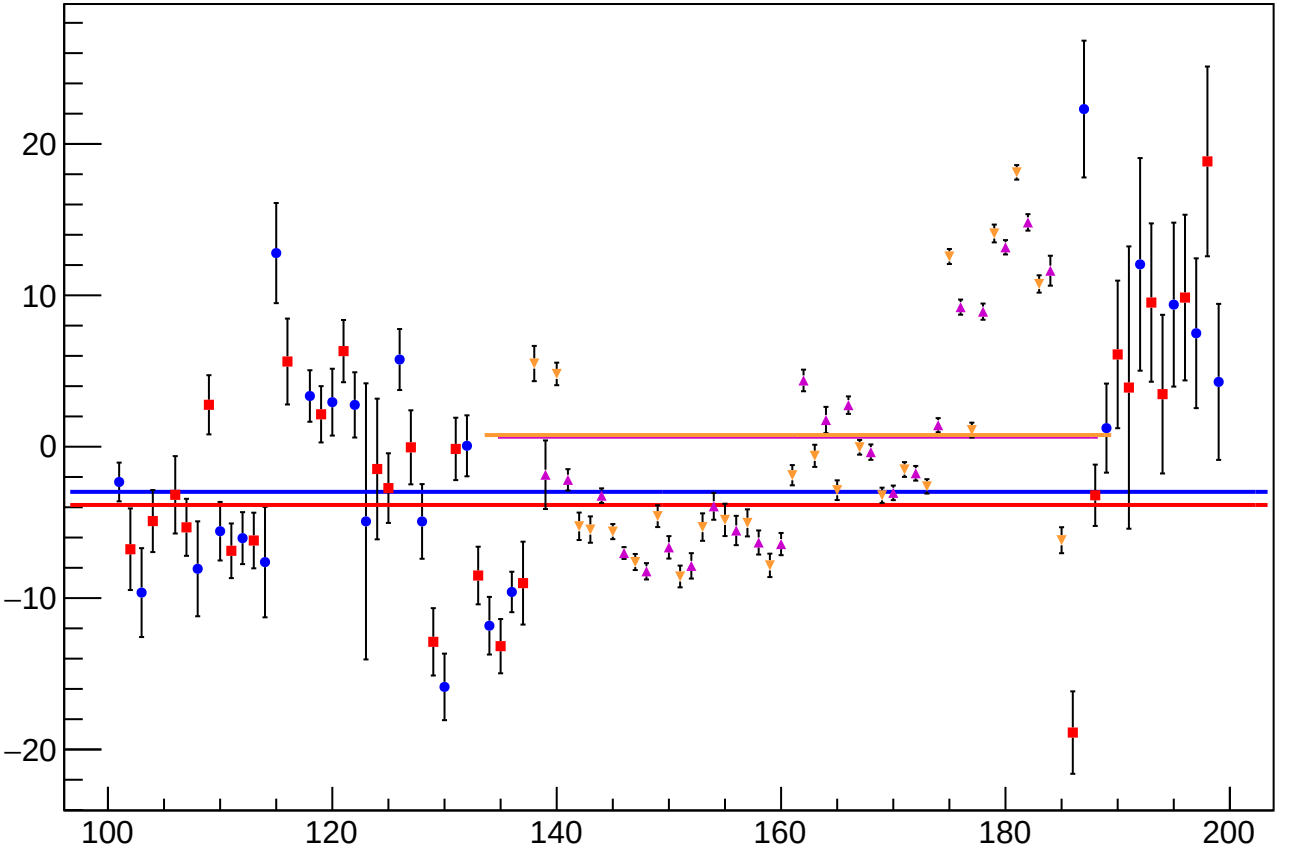
Right: -34.545+/-0.865 χ^2/NDF: 2628.1/13

In: -39.205+/-0.153 χ^2/NDF:9248.7/28

Out: -39.643+/-0.152 χ^2/NDF:11807.2/32

All: -39.426+/-0.108 χ^2/NDF: 21060.0/61

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981+/-0.478 χ^2/NDF: 217.4/22

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.848+/-0.474 χ^2/NDF: 186.6/25

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

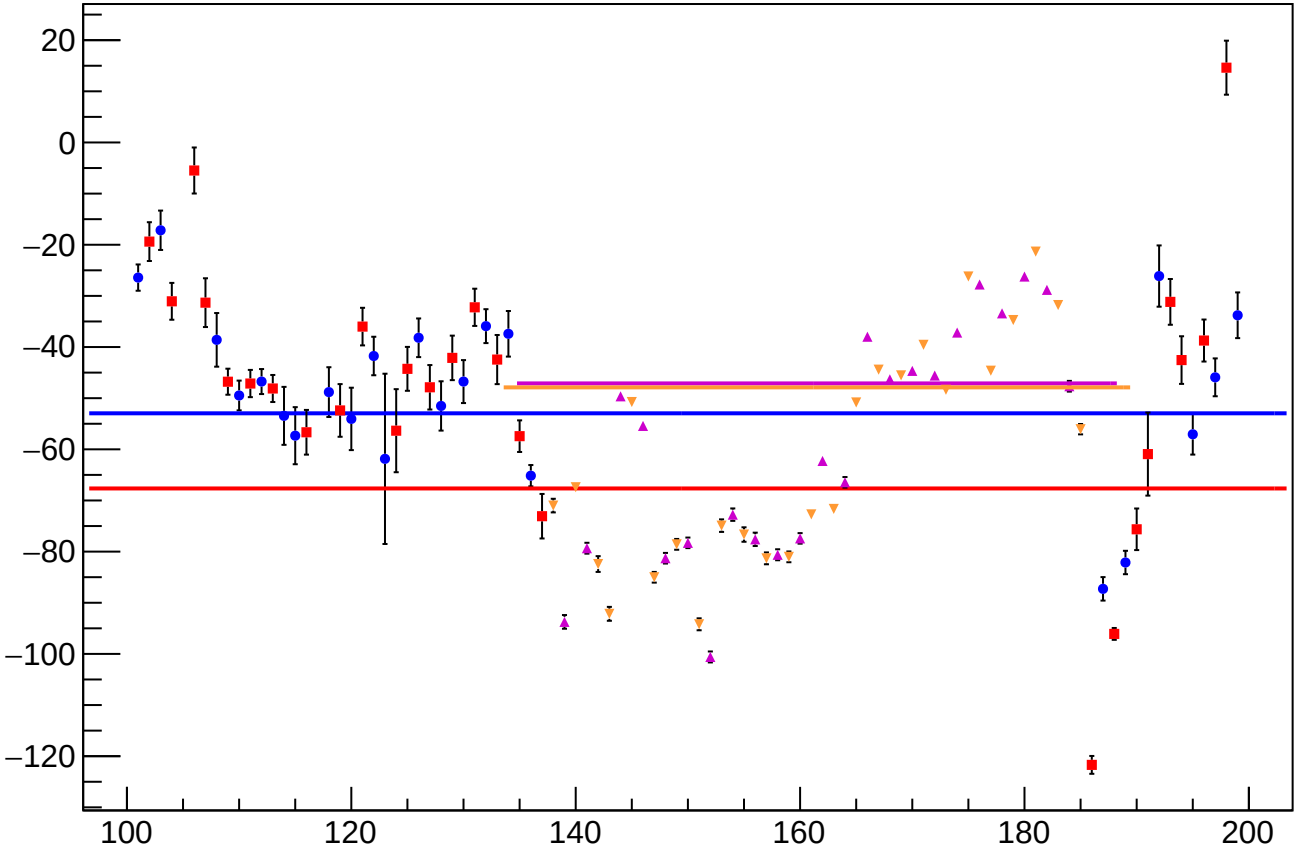
Right: -3.418+/-0.337 χ^2/NDF: 405.7/48

In: 0.432+/-0.120 χ^2/NDF:3612.7/45

Out: 0.473+/-0.120 χ^2/NDF:4228.4/50

All: 0.452+/-0.085 χ^2/NDF: 7841.2/96

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.958+/-0.729 χ^2/NDF: 738.7/22

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -67.652+/-0.616 χ^2/NDF: 2959.4/25

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

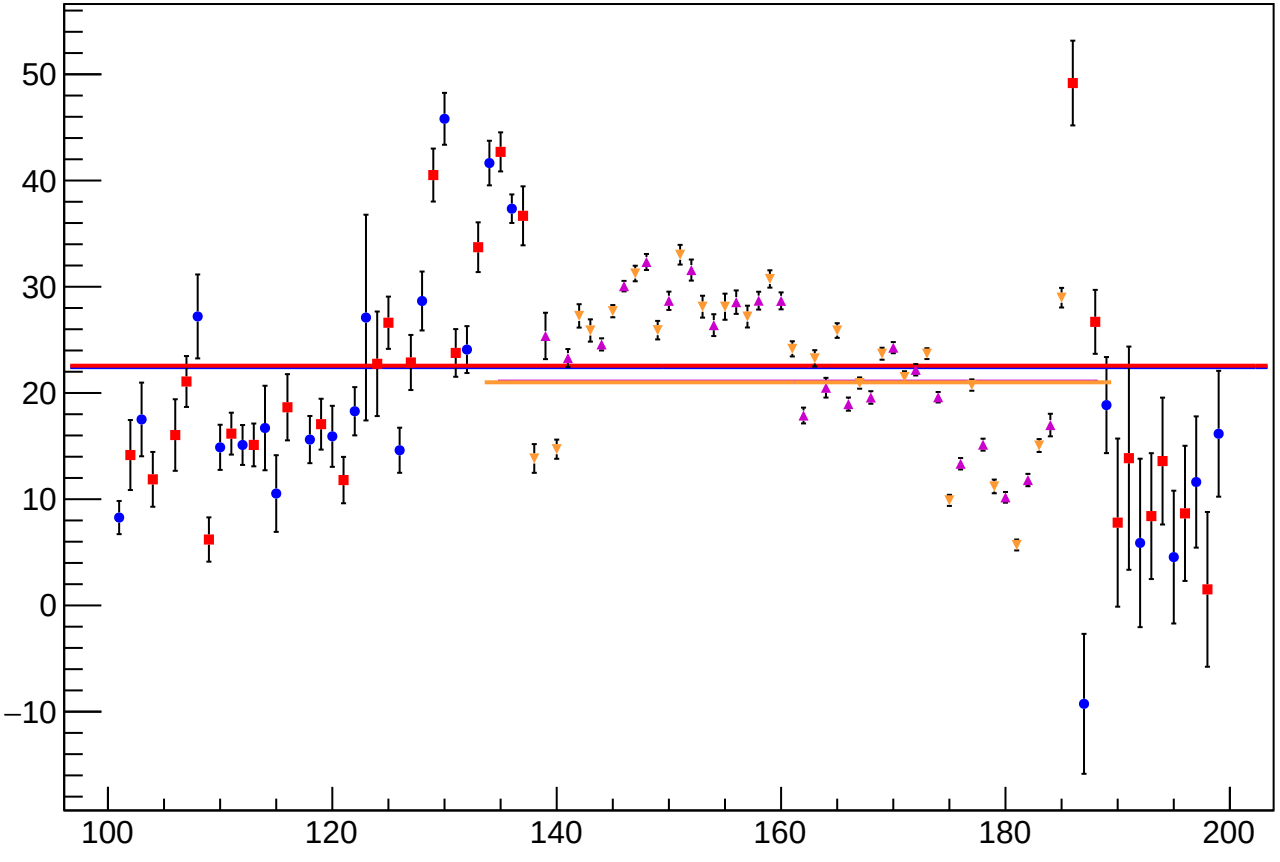
Right: -61.523+/-0.471 χ^2/NDF: 3935.2/48

In: -47.365+/-0.151 χ^2/NDF:16455.1/45

Out: -49.061+/-0.150 χ^2/NDF:20633.9/50

All: -48.220+/-0.107 χ^2/NDF: 37152.4/96

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.434+/-0.542 χ^2/NDF: 503.0/22

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.568+/-0.547 χ^2/NDF: 439.7/25

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

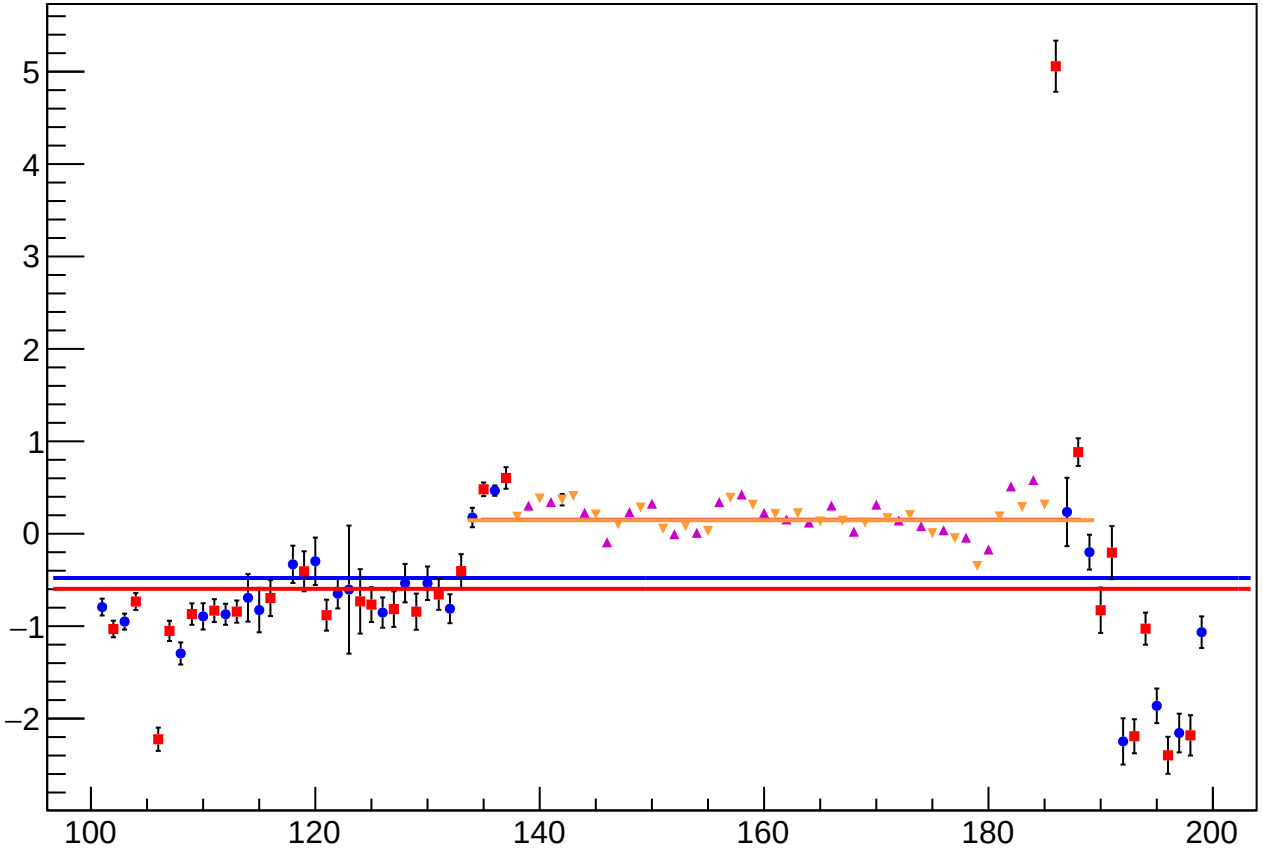
Right: 22.501+/-0.385 χ^2/NDF: 942.7/48

In: 21.153+/-0.135 χ^2/NDF:2685.7/45

Out: 21.100+/-0.135 χ^2/NDF:3236.9/50

All: 21.126+/-0.095 χ^2/NDF: 5922.7/96

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.479+/-0.028 χ^2/NDF: 635.0/22

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.596+/-0.028 χ^2/NDF: 1286.0/25

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

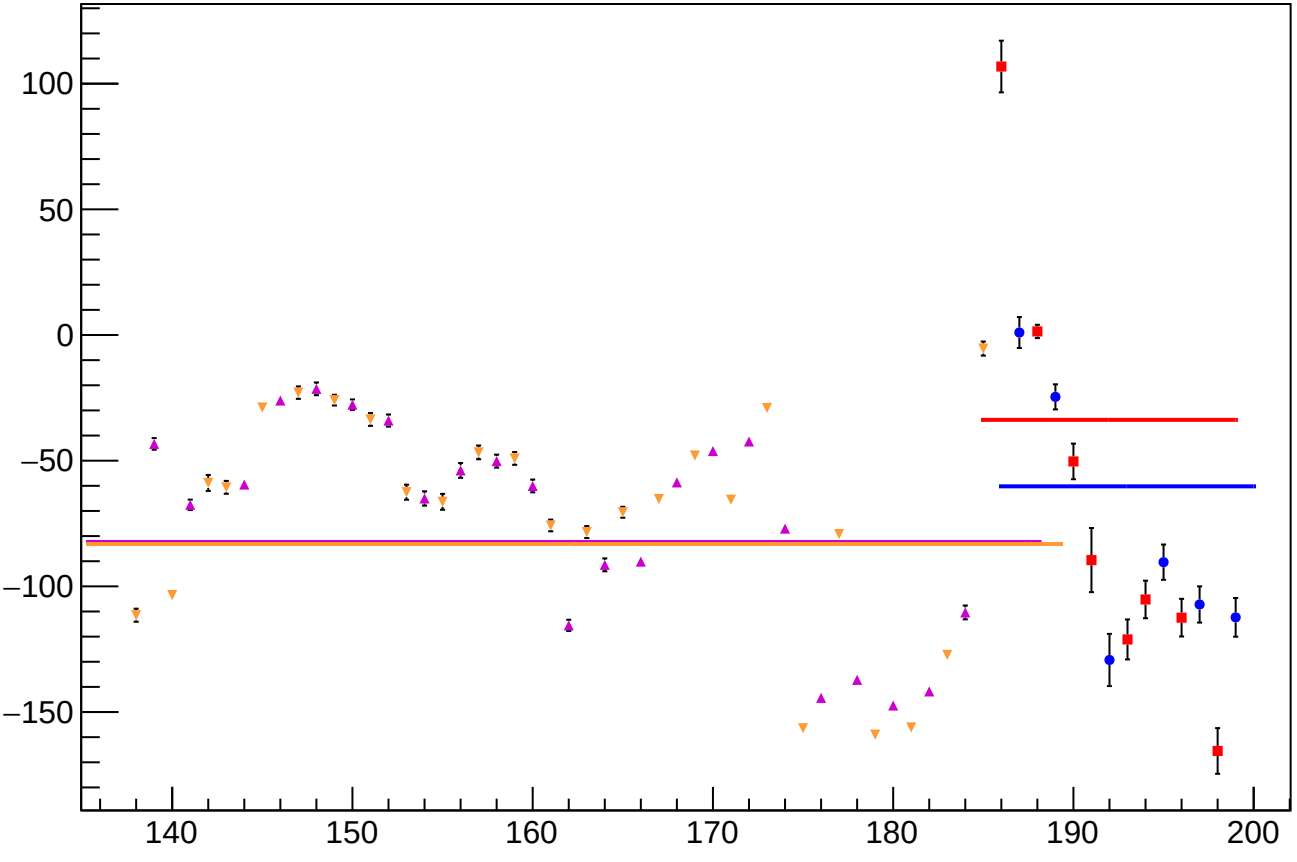
Right: -0.538+/-0.020 χ^2/NDF: 1929.7/48

In: 0.121+/-0.006 χ^2/NDF:1978.6/45

Out: 0.109+/-0.006 χ^2/NDF:2570.1/50

All: 0.115+/-0.004 χ^2/NDF: 4550.4/96

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.206+/-2.752 χ^2/NDF: 300.5/5

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -33.753+/-2.036 χ^2/NDF: 919.8/7

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

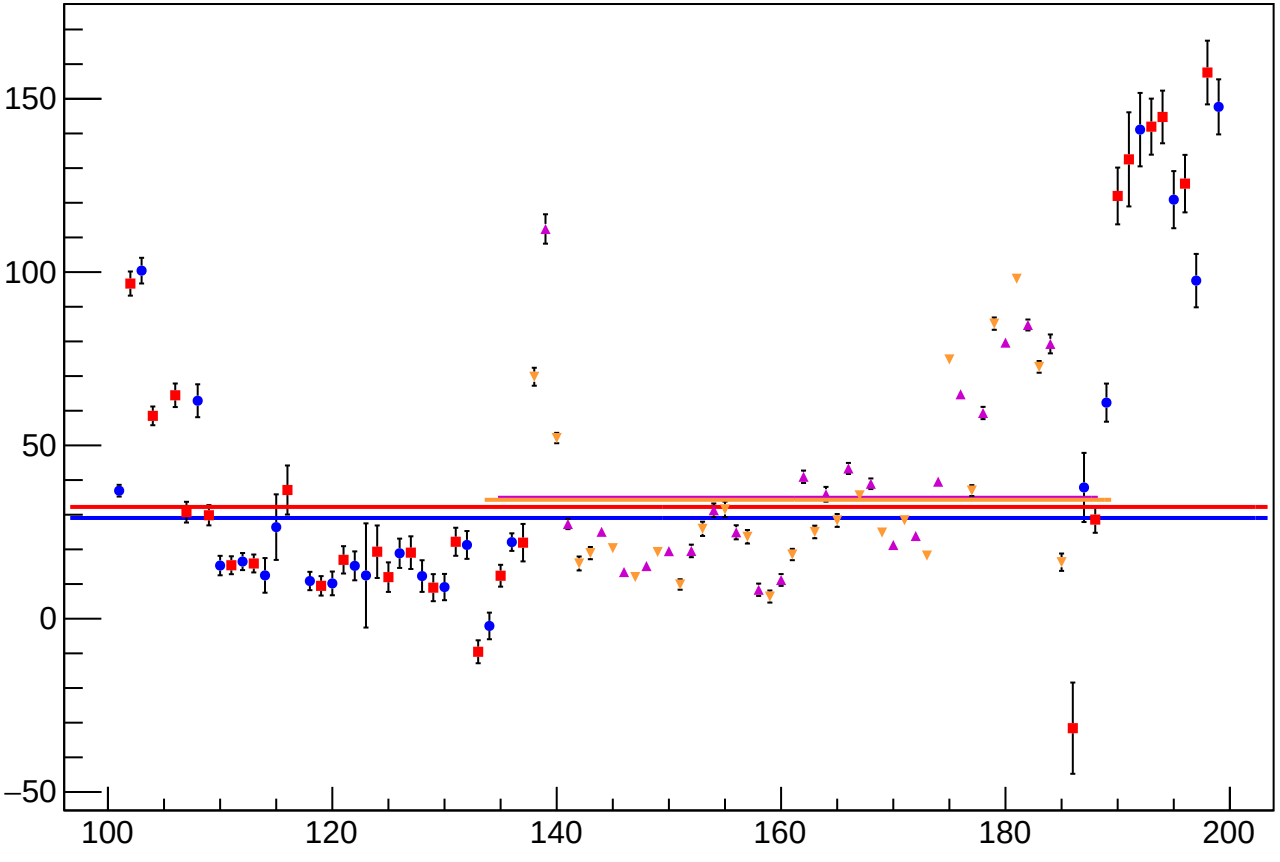
Right: -43.112+/-1.637 χ^2/NDF: 1280.0/13

In: -81.855+/-0.408 χ^2/NDF:11318.7/28

Out: -81.264+/-0.399 χ^2/NDF:15280.3/32

All: -81.552+/-0.285 χ^2/NDF: 26600.1/61

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.061+/-0.776 χ^2/NDF: 1293.8/22

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 32.246+/-0.774 χ^2/NDF: 1883.3/25

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

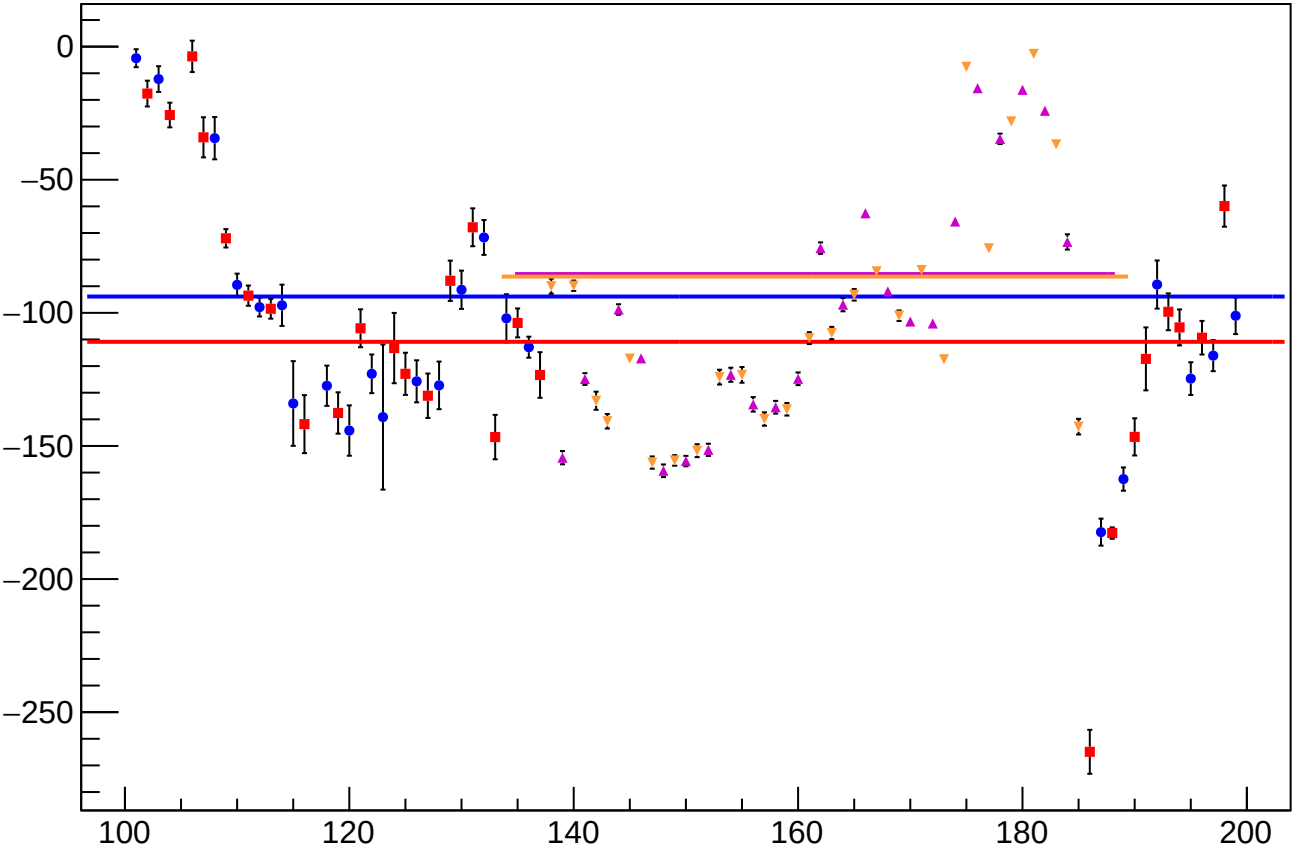
Right: 30.659+/-0.548 χ^2/NDF: 3185.6/48

In: 34.009+/-0.302 χ^2/NDF:6096.2/45

Out: 34.004+/-0.296 χ^2/NDF:8053.1/50

All: 34.006+/-0.212 χ^2/NDF: 14149.3/96

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.872+/-1.211 χ^2/NDF: 1781.4/22

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -110.878+/-1.063 χ^2/NDF: 2940.4/25

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

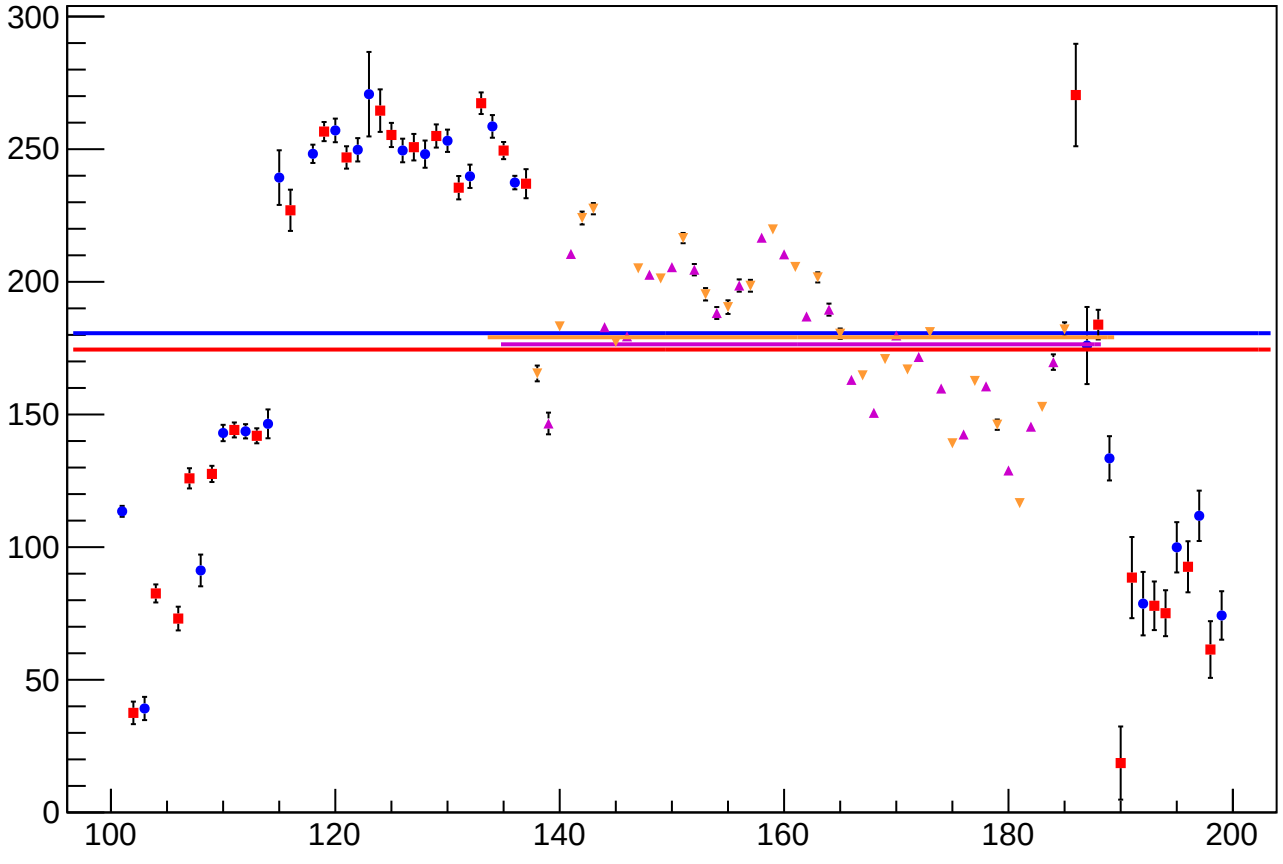
Right: -103.479+/-0.799 χ^2/NDF: 4833.1/48

In: -86.319+/-0.391 χ^2/NDF:14823.6/45

Out: -89.538+/-0.382 χ^2/NDF:17838.2/50

All: -87.967+/-0.273 χ^2/NDF: 32696.5/96

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 180.640+/-0.891 χ^2/NDF: 5782.2/22

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 174.479+/-0.893 χ^2/NDF: 6799.4/25

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

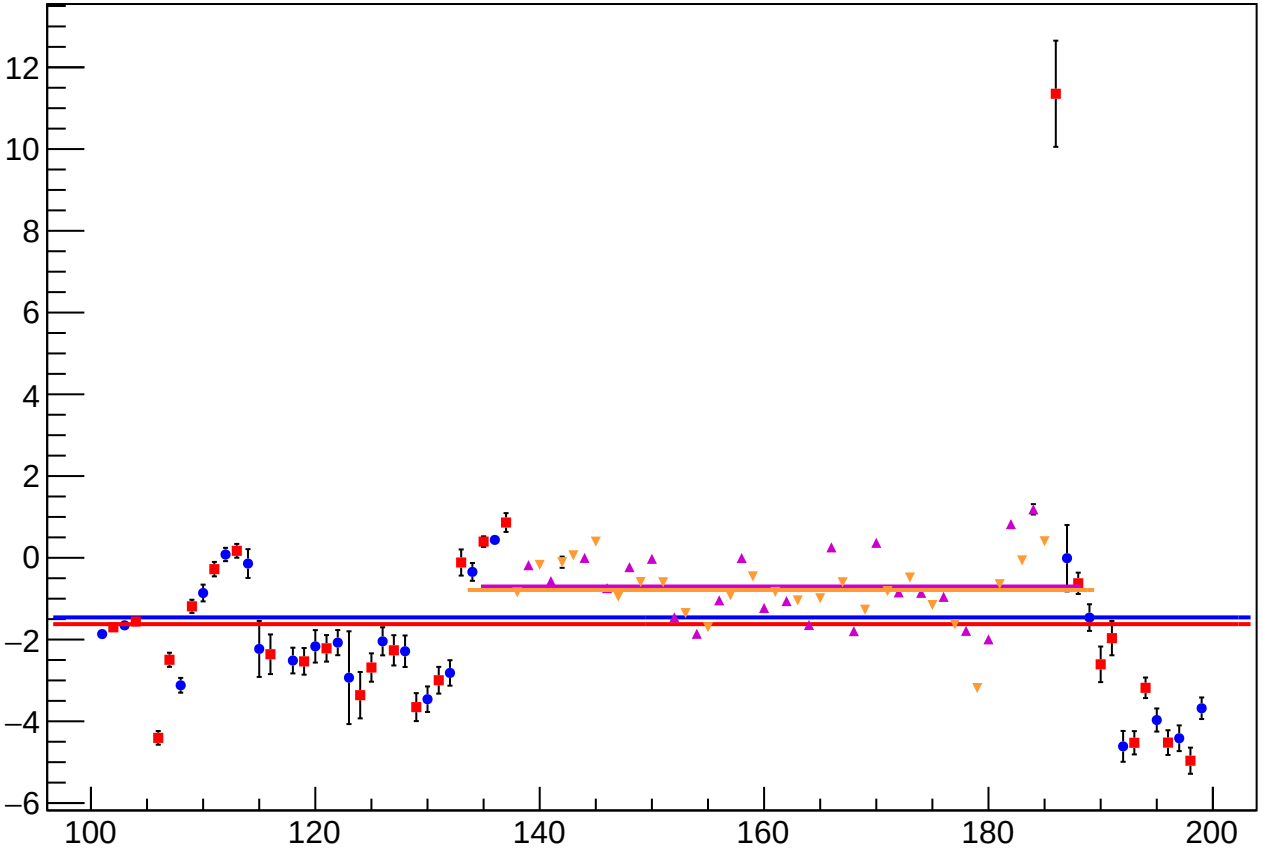
Right: 177.564+/-0.631 χ^2/NDF: 12605.4/48

In: 177.064+/-0.341 χ^2/NDF:10243.2/45

Out: 178.453+/-0.336 χ^2/NDF:12699.9/50

All: 177.770+/-0.239 χ^2/NDF: 22951.5/96

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.458+/-0.045 χ^2/NDF: 963.9/22

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.623+/-0.043 χ^2/NDF: 1412.3/25

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

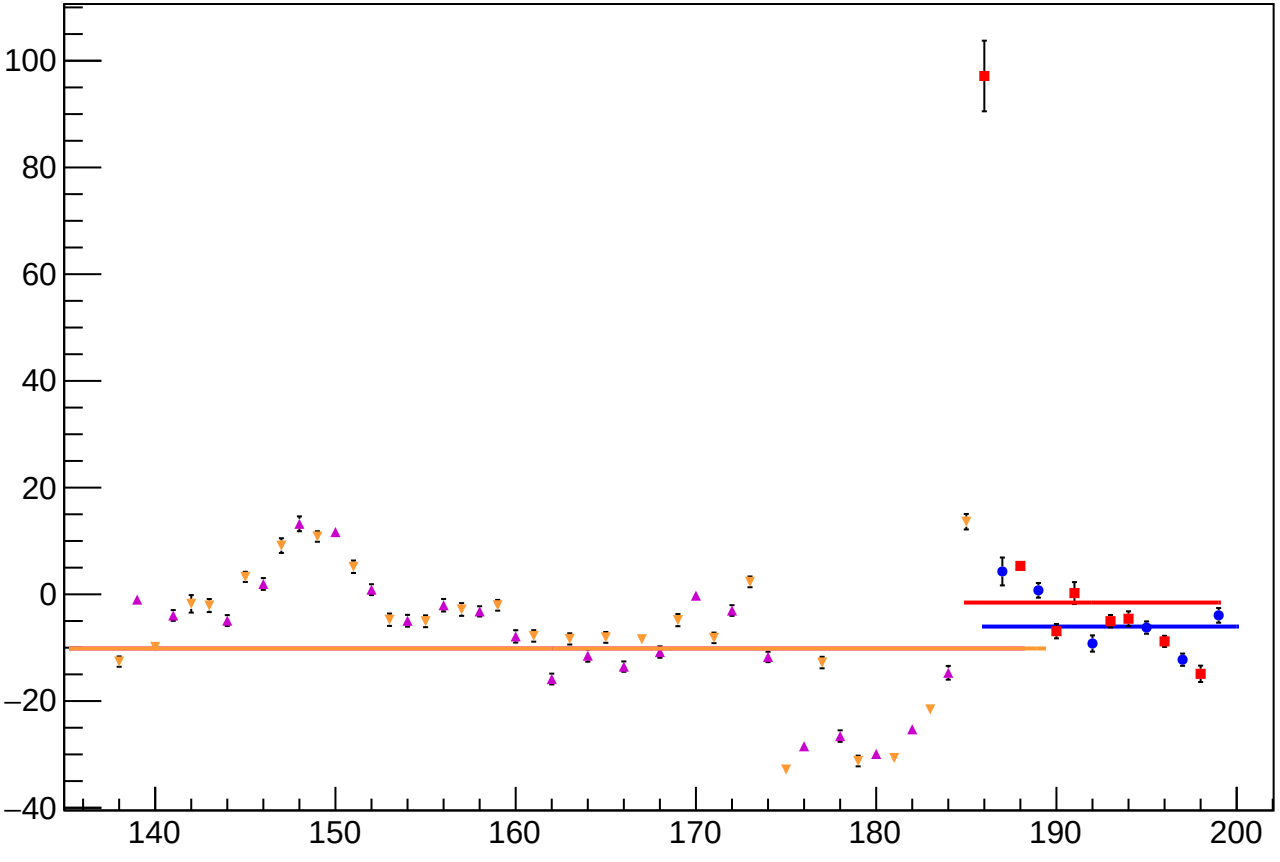
Right: -1.545+/-0.031 χ^2/NDF: 2383.2/48

In: -0.794+/-0.016 χ^2/NDF:3629.9/45

Out: -0.896+/-0.015 χ^2/NDF:3504.8/50

All: -0.846+/-0.011 χ^2/NDF: 7156.3/96

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.039+/-0.564 χ^2/NDF: 76.0/5

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -1.542+/-0.413 χ^2/NDF: 492.1/7

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

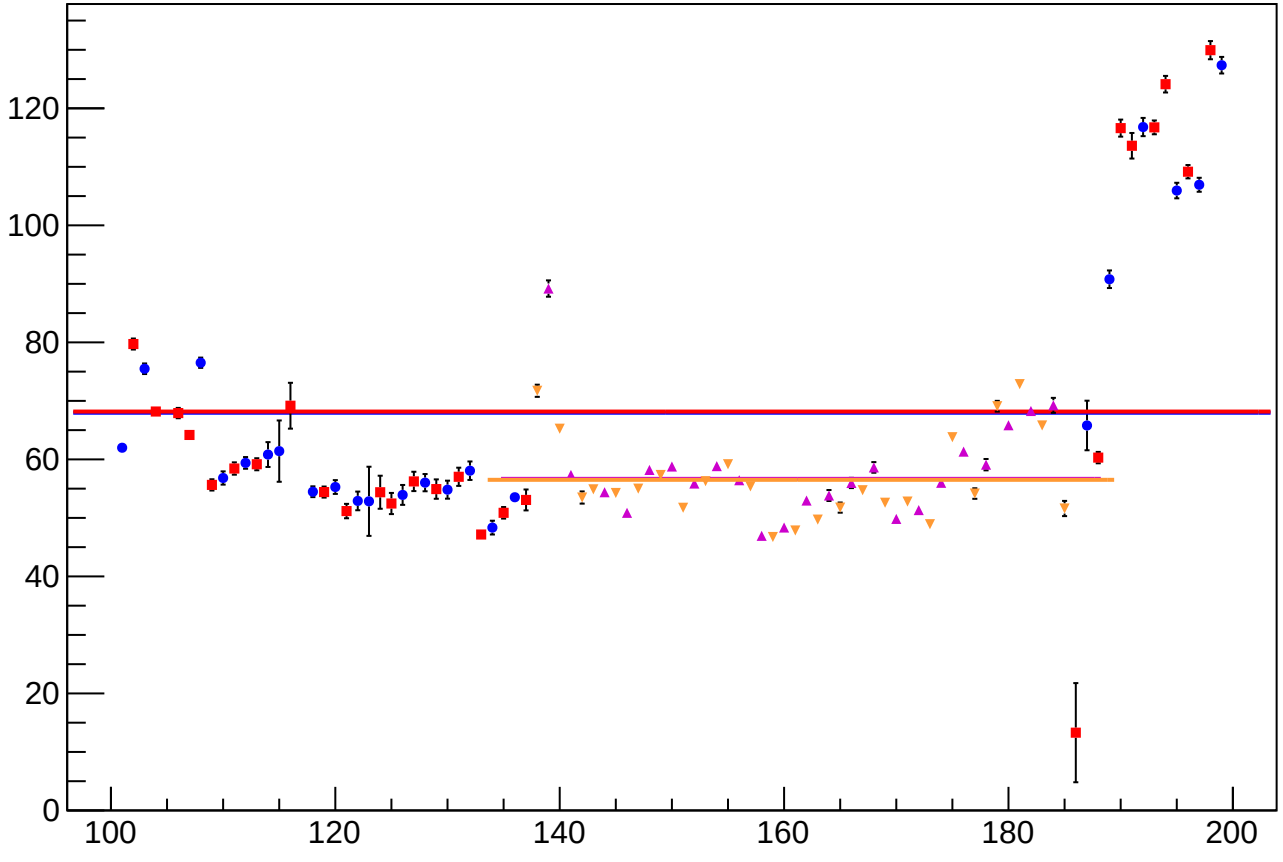
Right: -3.113+/-0.333 χ^2/NDF: 609.5/13

In: -9.674+/-0.192 χ^2/NDF:3614.6/28

Out: -8.491+/-0.181 χ^2/NDF:4970.6/32

All: -9.050+/-0.132 χ^2/NDF: 8605.3/61

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 67.972+/-0.240 χ^2/NDF: 6584.3/22

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 68.175+/-0.222 χ^2/NDF: 10295.3/25

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

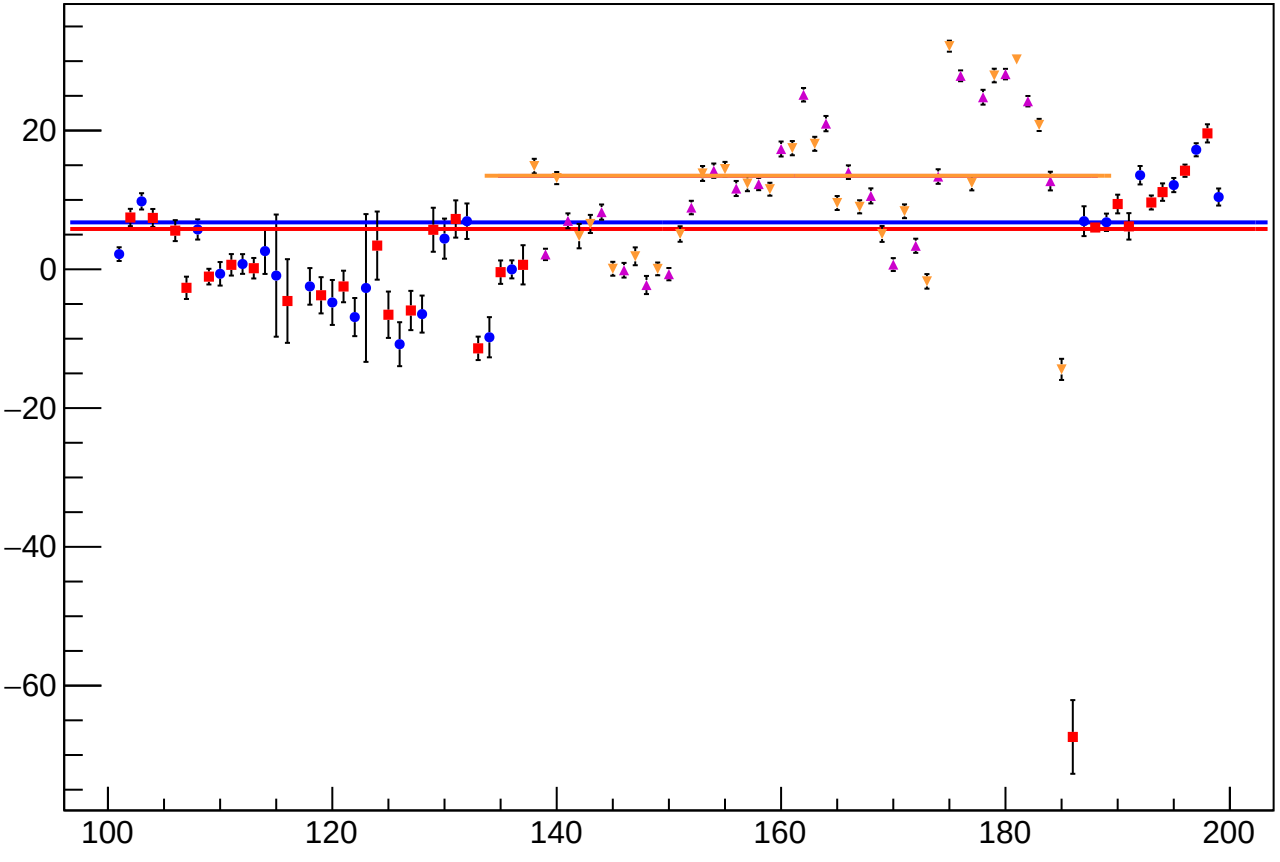
Right: 68.082+/-0.163 χ^2/NDF: 16880.0/48

In: 60.280+/-0.136 χ^2/NDF:9766.8/45

Out: 60.467+/-0.129 χ^2/NDF:14078.4/50

All: 60.378+/-0.094 χ^2/NDF: 23846.2/96

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.765+/-0.335 χ^2/NDF: 418.9/22

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 5.814+/-0.273 χ^2/NDF: 706.0/25

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

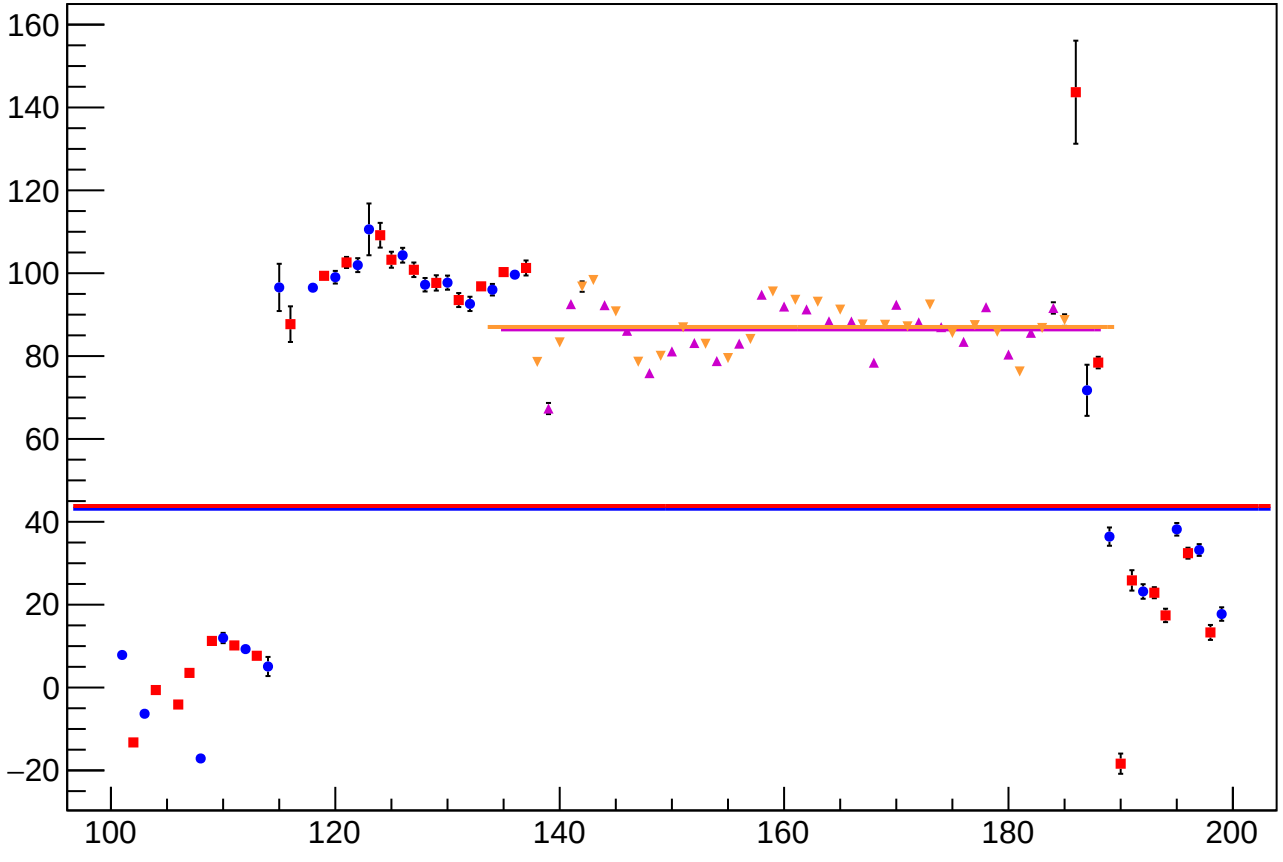
Right: 6.193+/-0.211 χ^2/NDF: 1129.8/48

In: 11.656+/-0.174 χ^2/NDF:3083.0/45

Out: 10.770+/-0.162 χ^2/NDF:3948.3/50

All: 11.183+/-0.119 χ^2/NDF: 7045.2/96

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.160+/-0.280 χ^2/NDF: 25585.9/22

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 43.816+/-0.263 χ^2/NDF: 30192.0/25

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

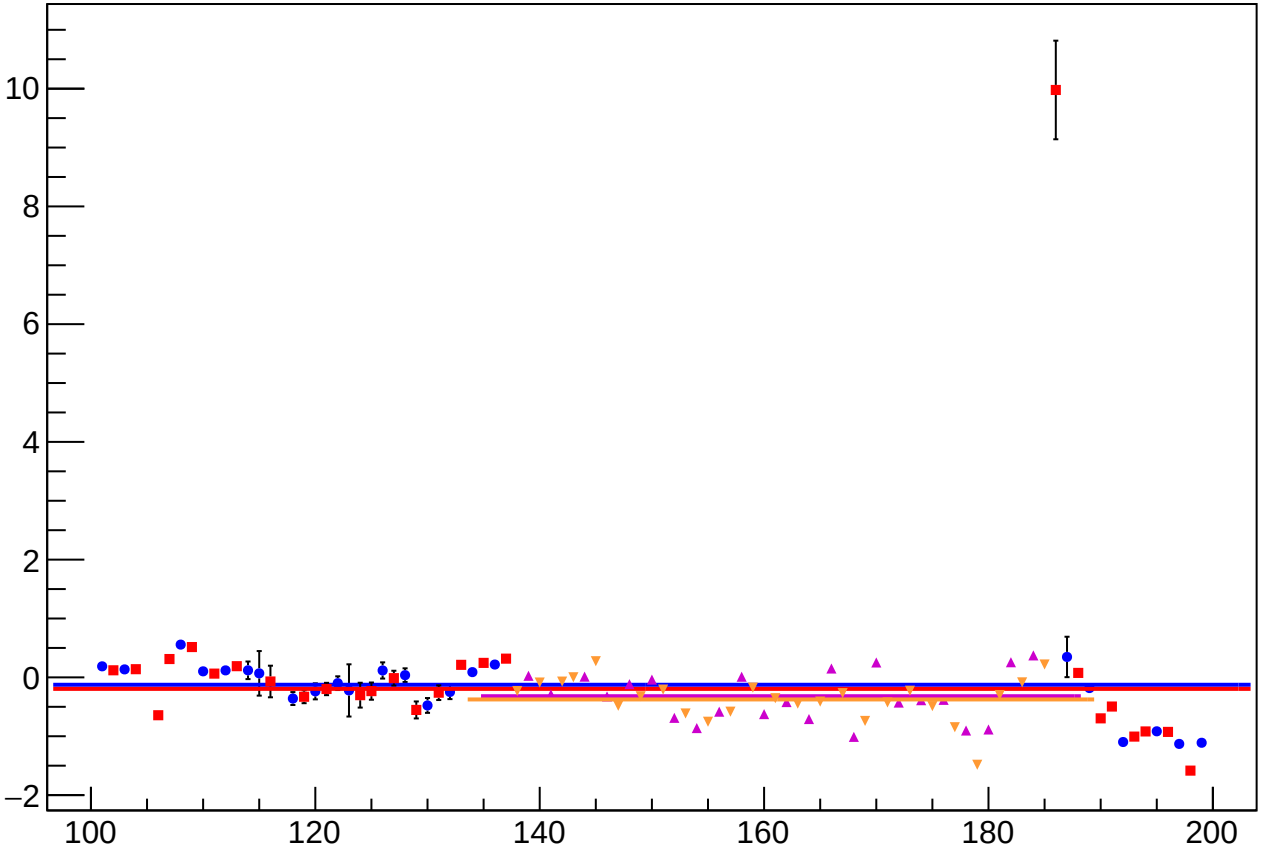
Right: 43.509+/-0.192 χ^2/NDF: 55780.8/48

In: 73.404+/-0.154 χ^2/NDF:43295.1/45

Out: 73.282+/-0.148 χ^2/NDF:49680.2/50

All: 73.341+/-0.107 χ^2/NDF: 92975.7/96

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.126+/-0.012 χ^2/NDF: 2319.6/22

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.195+/-0.011 χ^2/NDF: 2853.8/25

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

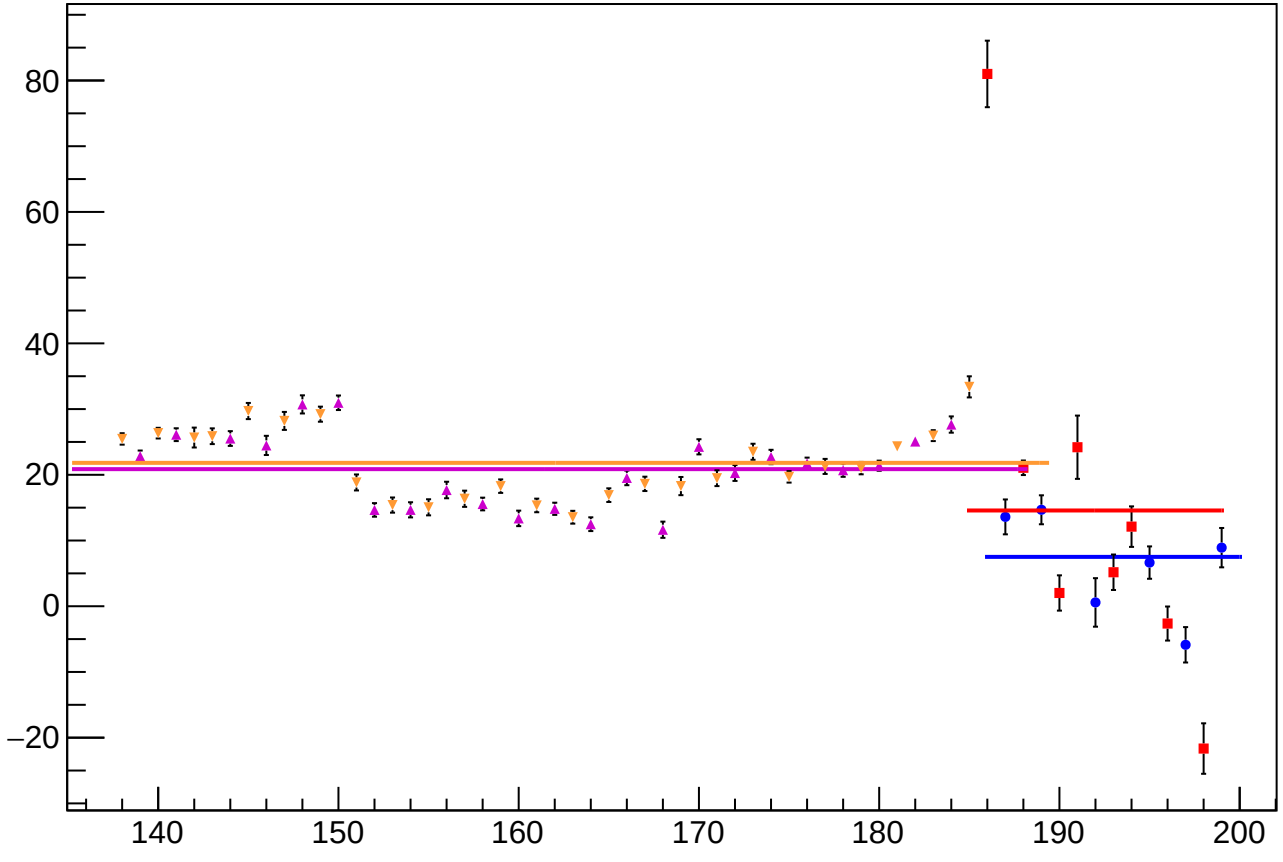
Right: -0.164+/-0.008 χ^2/NDF: 5192.1/48

In: -0.258+/-0.007 χ^2/NDF:4825.8/45

Out: -0.311+/-0.007 χ^2/NDF:4685.2/50

All: -0.285+/-0.005 χ^2/NDF: 9542.5/96

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.511+/-1.094 χ^2/NDF: 44.4/5

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 14.572+/-0.818 χ^2/NDF: 378.4/7

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

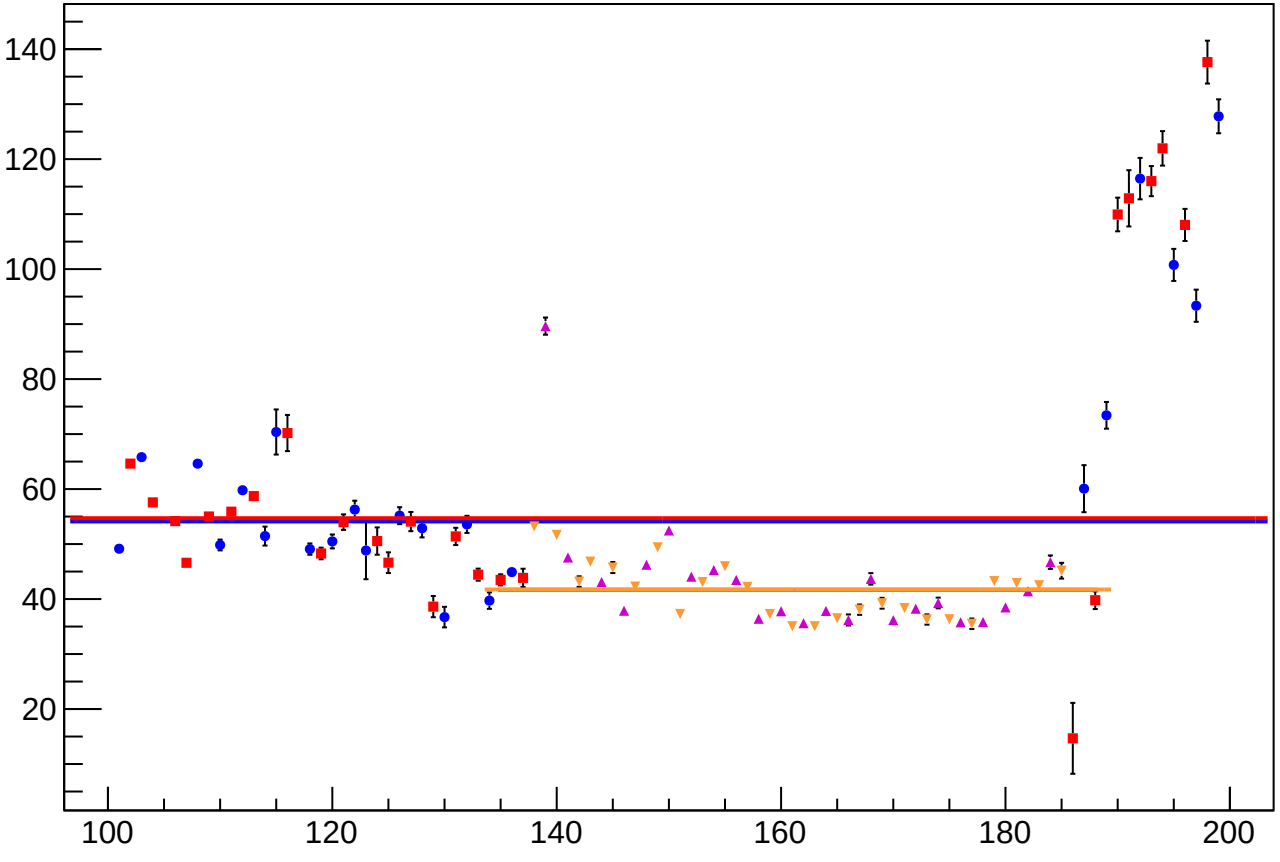
Right: 12.042+/-0.655 χ^2/NDF: 449.5/13

In: 20.361+/-0.211 χ^2/NDF:763.3/28

Out: 21.369+/-0.204 χ^2/NDF:974.8/32

All: 20.884+/-0.147 χ^2/NDF: 1749.8/61

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.120+/-0.207 χ^2/NDF: 2570.7/22

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 54.700+/-0.222 χ^2/NDF: 3222.7/25

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

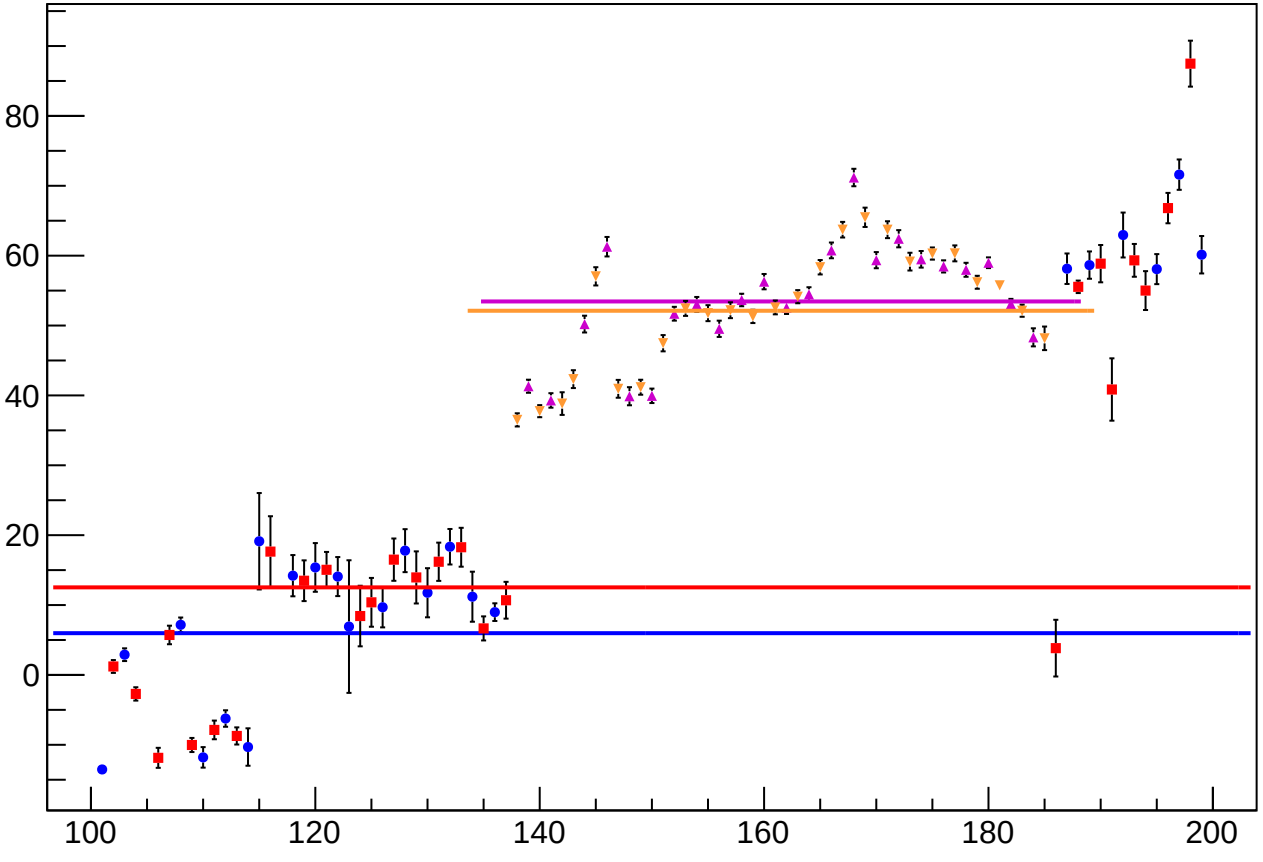
Right: 54.390+/-0.152 χ^2/NDF: 5797.0/48

In: 46.803+/-0.133 χ^2/NDF:6404.4/45

Out: 46.377+/-0.133 χ^2/NDF:6426.4/50

All: 46.590+/-0.094 χ^2/NDF: 12836.0/96

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.975+/-0.339 χ^2/NDF: 4885.9/22

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 12.530+/-0.333 χ^2/NDF: 6219.4/25

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

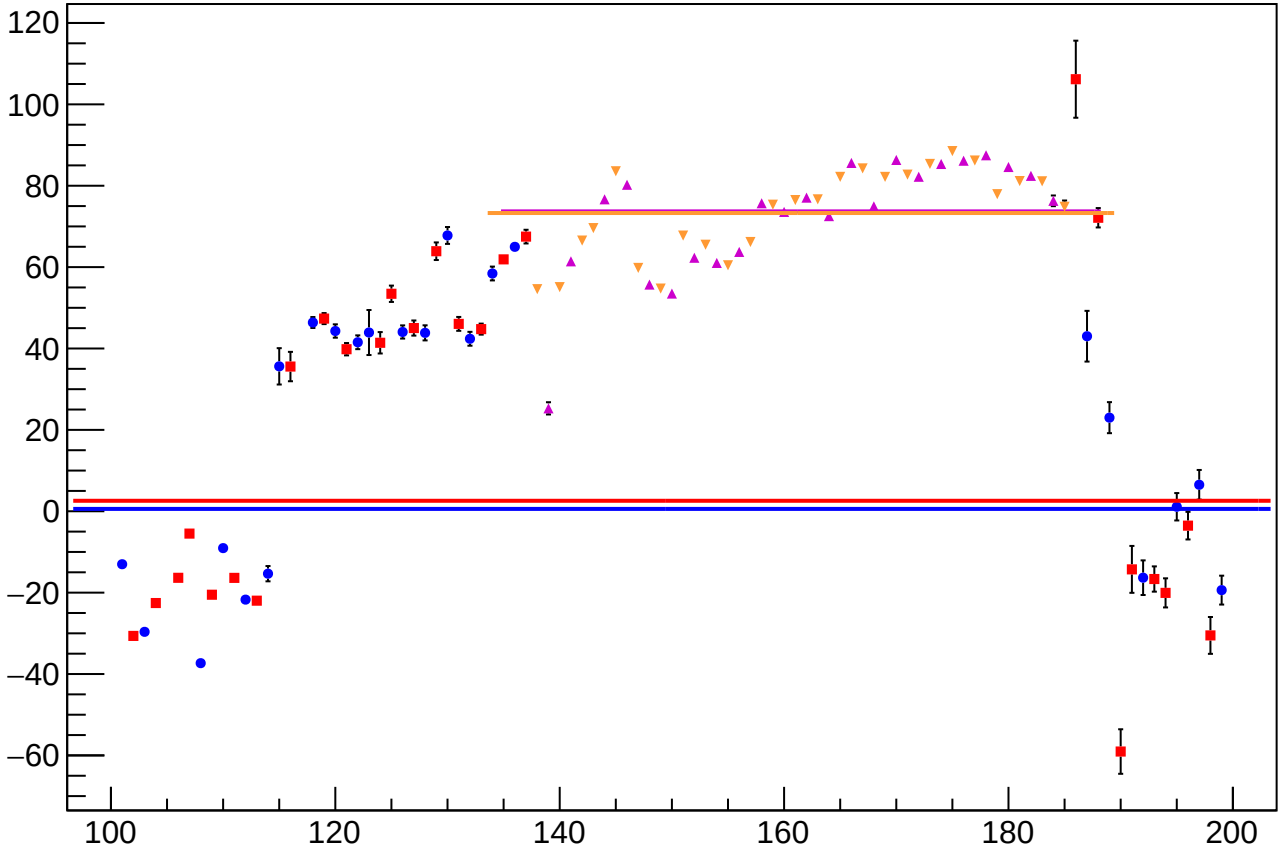
Right: 9.316+/-0.238 χ^2/NDF: 11295.6/48

In: 39.894+/-0.181 χ^2/NDF:20047.8/45

Out: 40.806+/-0.178 χ^2/NDF:17774.9/50

All: 40.358+/-0.127 χ^2/NDF: 37835.6/96

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.579+/-0.244 χ^2/NDF: 18554.8/22

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.576+/-0.262 χ^2/NDF: 16624.4/25

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

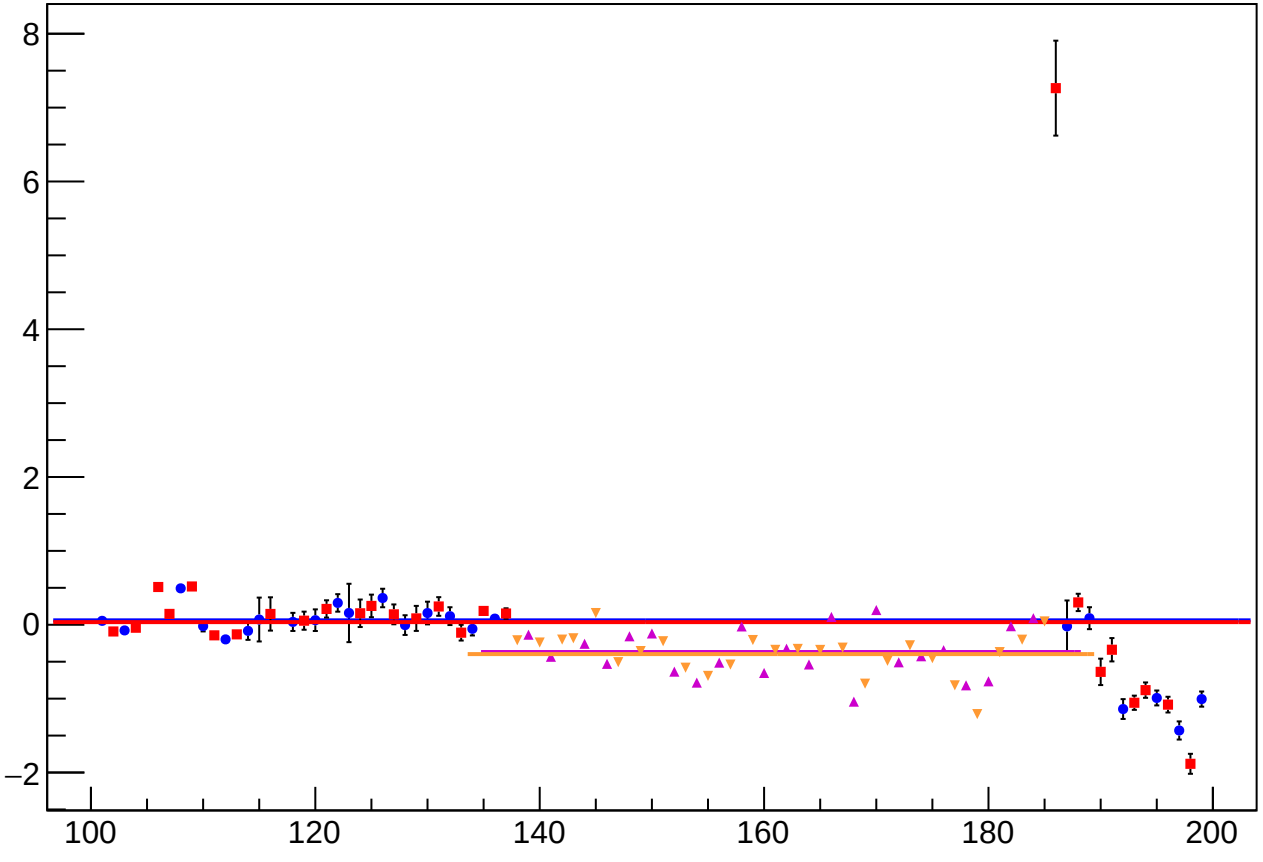
Right: 1.505+/-0.179 χ^2/NDF: 35210.3/48

In: 45.376+/-0.152 χ^2/NDF:77562.3/45

Out: 49.404+/-0.152 χ^2/NDF:67906.6/50

All: 47.381+/-0.108 χ^2/NDF: 145819.6/96

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.060+/-0.011 χ^2/NDF: 861.2/22

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.036+/-0.011 χ^2/NDF: 1077.7/25

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

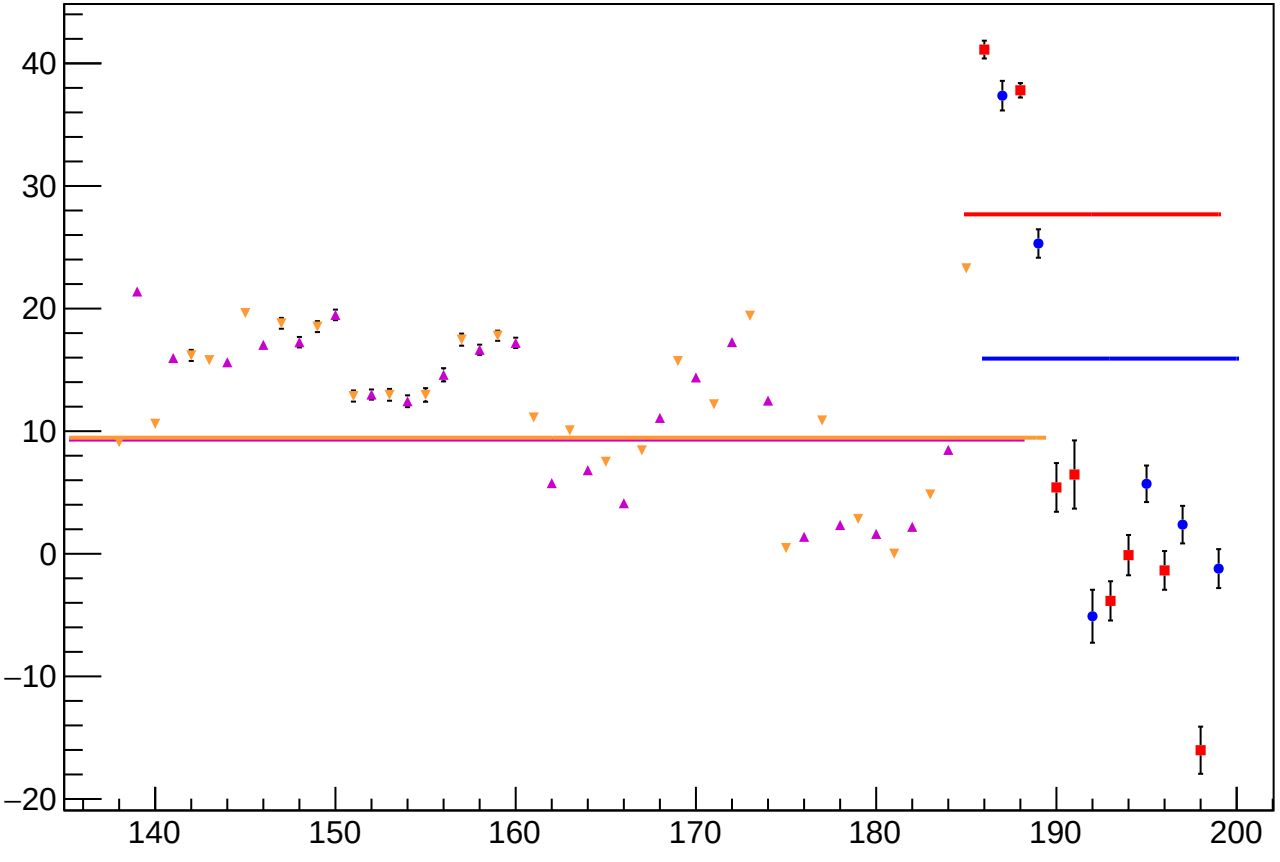
Right: 0.048+/-0.008 χ^2/NDF: 1941.4/48

In: -0.201+/-0.007 χ^2/NDF:3144.2/45

Out: -0.229+/-0.007 χ^2/NDF:3011.5/50

All: -0.215+/-0.005 χ^2/NDF: 6164.6/96

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 15.921+/-0.586 χ^2/NDF: 716.6/5

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 27.687+/-0.390 χ^2/NDF: 2347.3/7

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

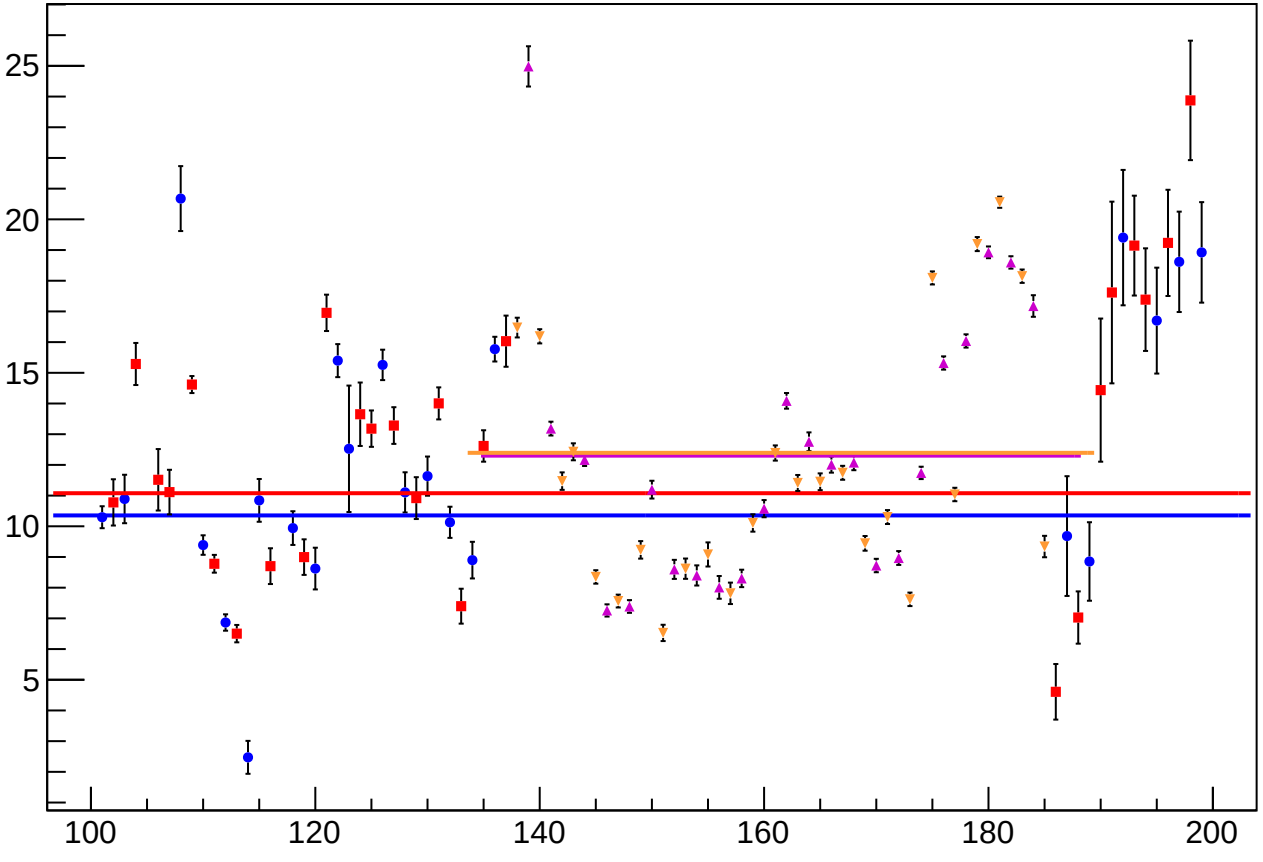
Right: 24.071+/-0.325 χ^2/NDF: 3343.4/13

In: 9.390+/-0.062 χ^2/NDF:11849.7/28

Out: 9.909+/-0.061 χ^2/NDF:17053.2/32

All: 9.657+/-0.043 χ^2/NDF: 28938.5/61

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.354+/-0.117 χ^2/NDF: 963.6/22

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.078+/-0.113 χ^2/NDF: 988.0/25

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

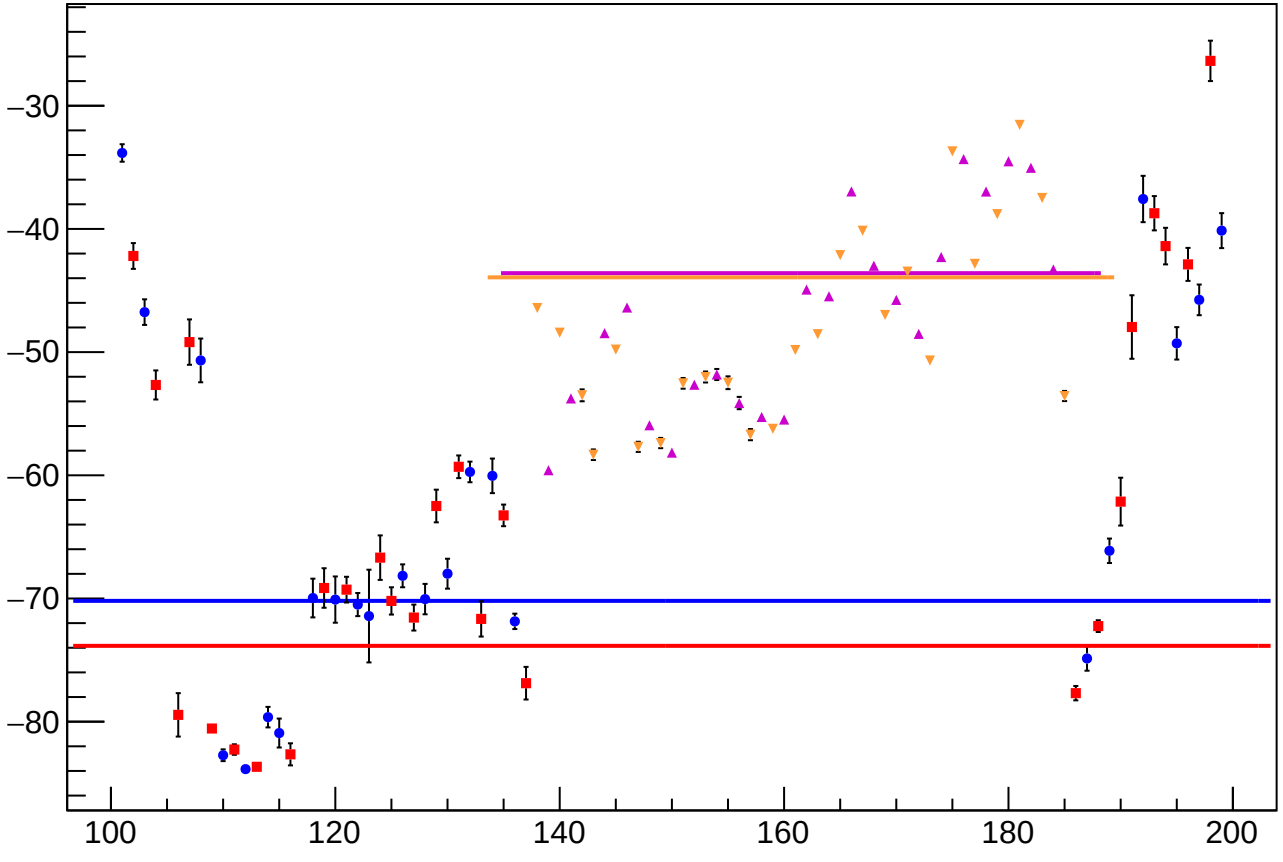
Right: 10.728+/-0.081 χ^2/NDF: 1971.2/48

In: 11.991+/-0.047 χ^2/NDF:6857.3/45

Out: 12.180+/-0.046 χ^2/NDF:8626.9/50

All: 12.088+/-0.033 χ^2/NDF: 15492.5/96

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.194+/-0.184 χ^2/NDF: 7095.8/22

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -73.845+/-0.158 χ^2/NDF: 6066.4/25

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

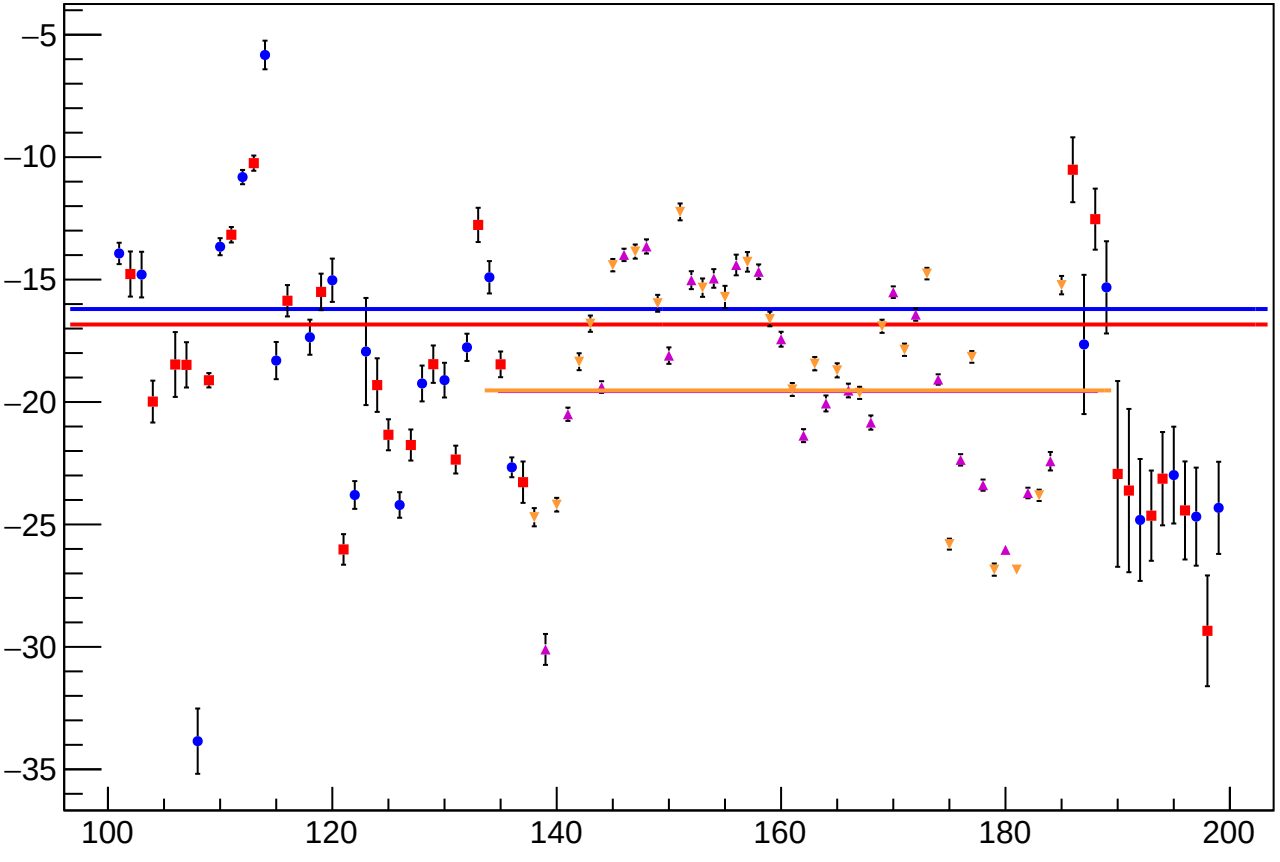
Right: -72.293+/-0.120 χ^2/NDF: 13389.2/48

In: -46.395+/-0.060 χ^2/NDF:41421.2/45

Out: -47.926+/-0.058 χ^2/NDF:54714.7/50

All: -47.185+/-0.041 χ^2/NDF: 96475.8/96

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.202+/-0.131 χ^2/NDF: 1702.6/22

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.834+/-0.126 χ^2/NDF: 1321.6/25

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

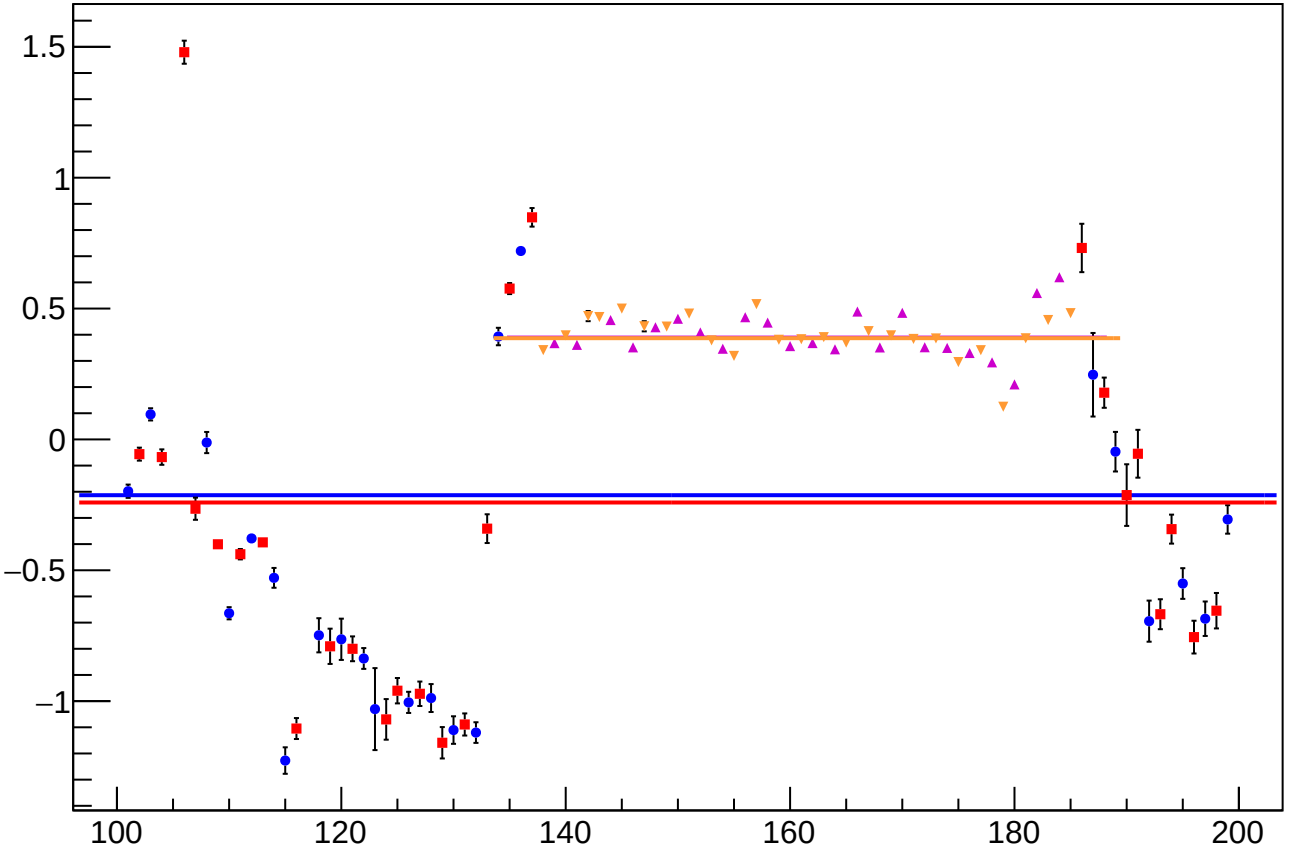
Right: -16.530+/-0.091 χ^2/NDF: 3036.3/48

In: -19.014+/-0.052 χ^2/NDF:6614.0/45

Out: -19.082+/-0.051 χ^2/NDF:8197.0/50

All: -19.049+/-0.037 χ^2/NDF: 14811.9/96

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.213+/-0.007 χ^2/NDF: 6481.0/22

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.241+/-0.007 χ^2/NDF: 6539.0/25

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

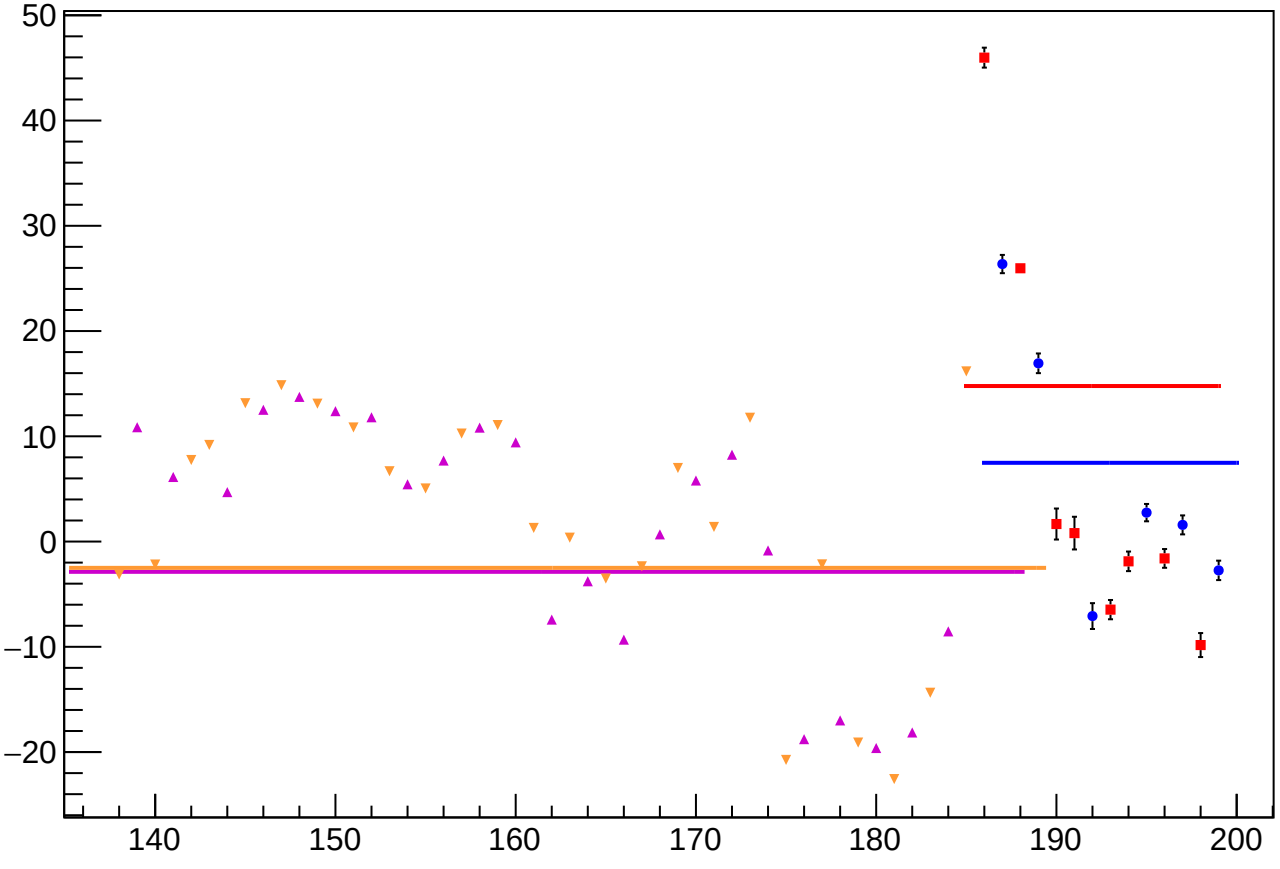
Right: -0.228+/-0.005 χ^2/NDF: 13027.8/48

In: 0.321+/-0.002 χ^2/NDF:13796.3/45

Out: 0.310+/-0.002 χ^2/NDF:14823.2/50

All: 0.315+/-0.002 χ^2/NDF: 28628.4/96

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.481+/-0.378 χ^2/NDF: 914.5/5

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 14.776+/-0.291 χ^2/NDF: 3590.2/7

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

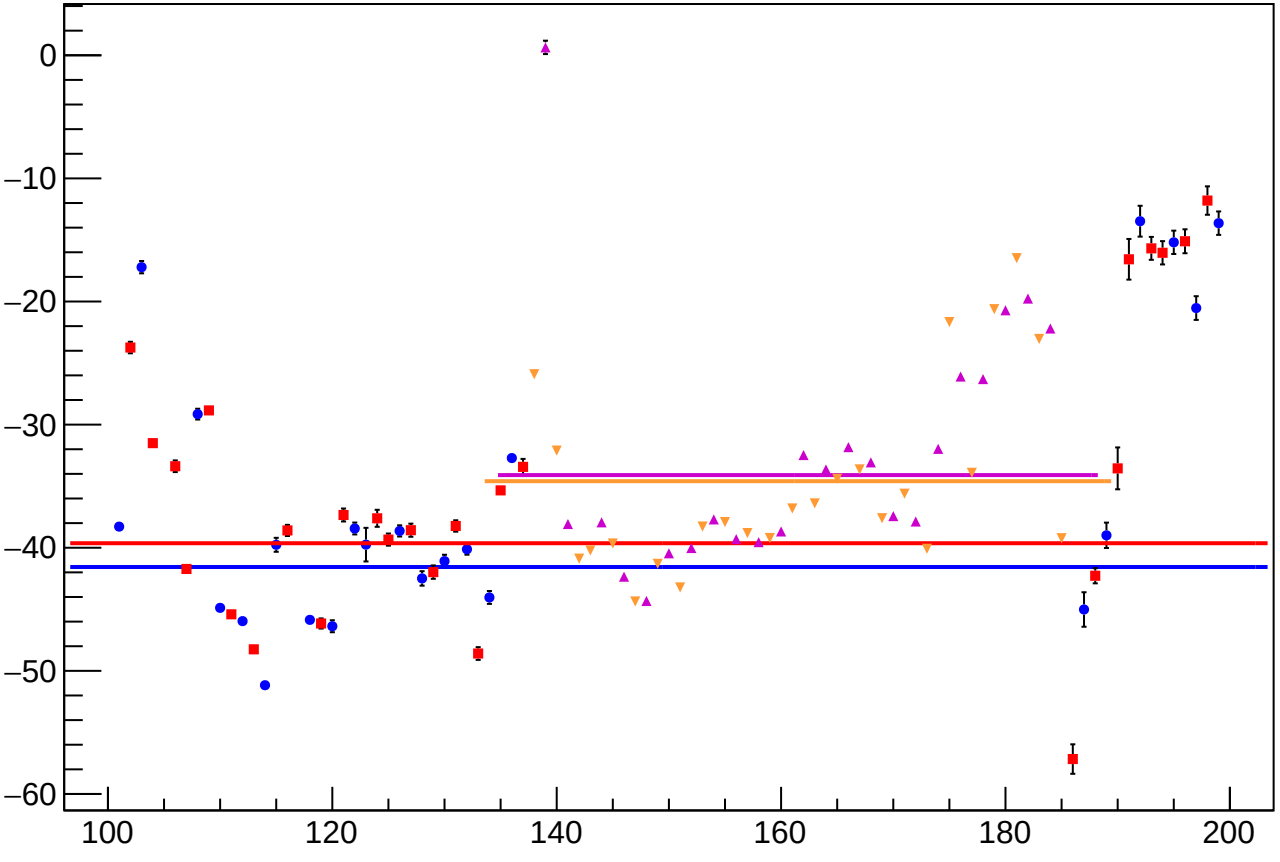
Right: 12.063+/-0.230 χ^2/NDF: 4738.8/13

In: -2.664+/-0.054 χ^2/NDF:48031.6/28

Out: -1.944+/-0.052 χ^2/NDF:62938.1/32

All: -2.291+/-0.038 χ^2/NDF: 111061.5/61

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.565+/-0.077 χ^2/NDF: 9262.5/22

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.633+/-0.071 χ^2/NDF: 13871.9/25

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

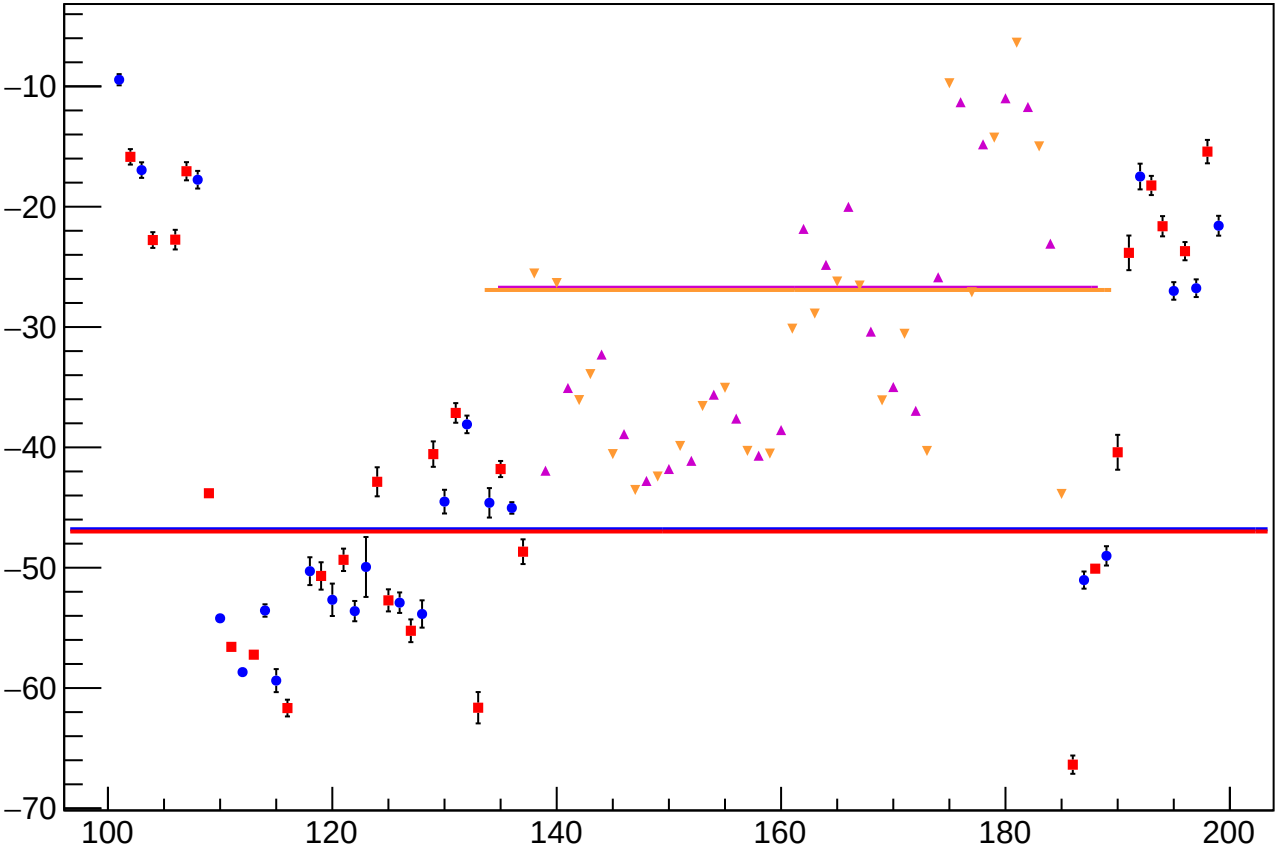
Right: -40.531+/-0.052 χ^2/NDF: 23475.6/48

In: -35.944+/-0.038 χ^2/NDF:45798.8/45

Out: -35.889+/-0.036 χ^2/NDF:51982.5/50

All: -35.915+/-0.026 χ^2/NDF: 97782.4/96

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.803+/-0.116 χ^2/NDF: 18111.2/22

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -46.991+/-0.098 χ^2/NDF: 16457.0/25

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

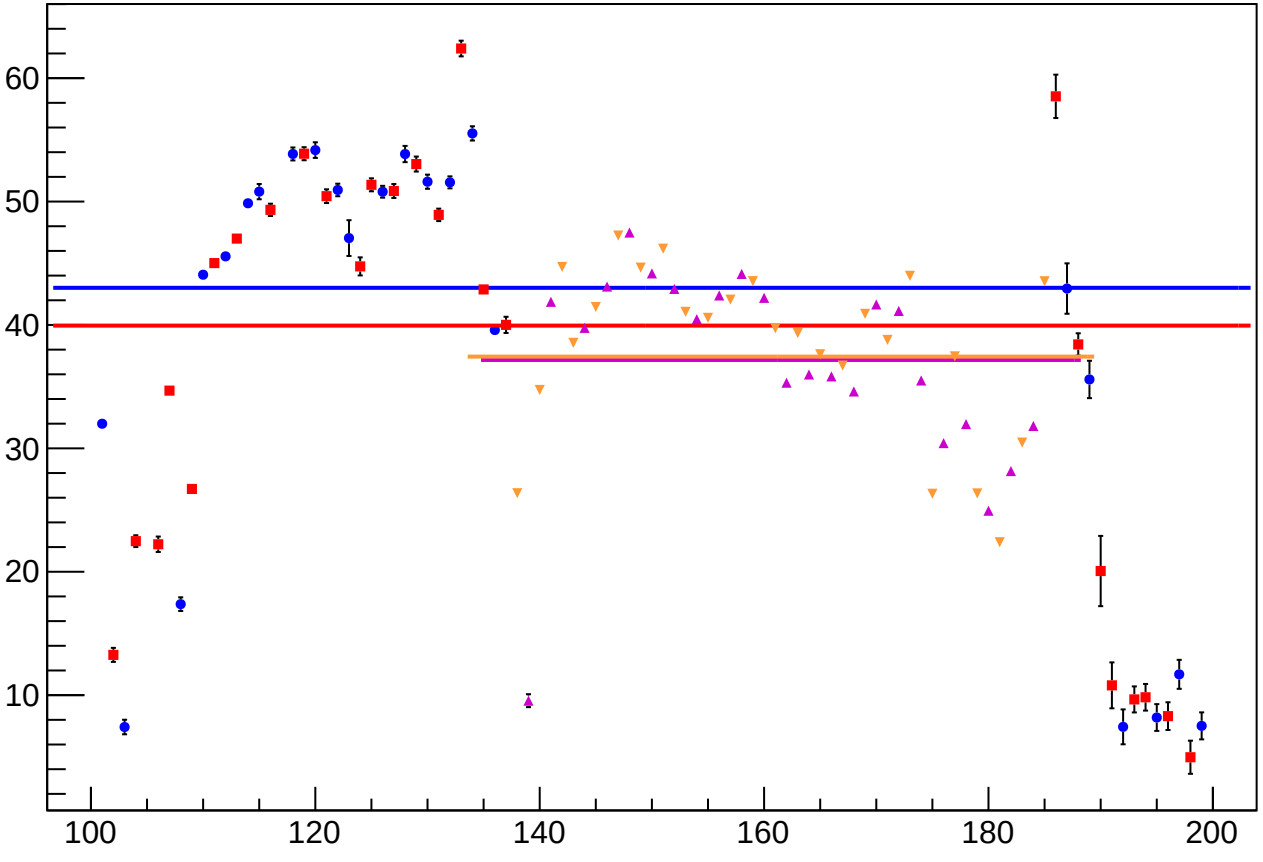
Right: -46.912+/-0.075 χ^2/NDF: 34569.8/48

In: -30.381+/-0.050 χ^2/NDF:85203.6/45

Out: -31.485+/-0.047 χ^2/NDF:97865.5/50

All: -30.963+/-0.034 χ^2/NDF: 183331.1/96

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.010+/-0.085 χ^2/NDF: 14167.2/22

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 39.948+/-0.079 χ^2/NDF: 20510.7/25

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

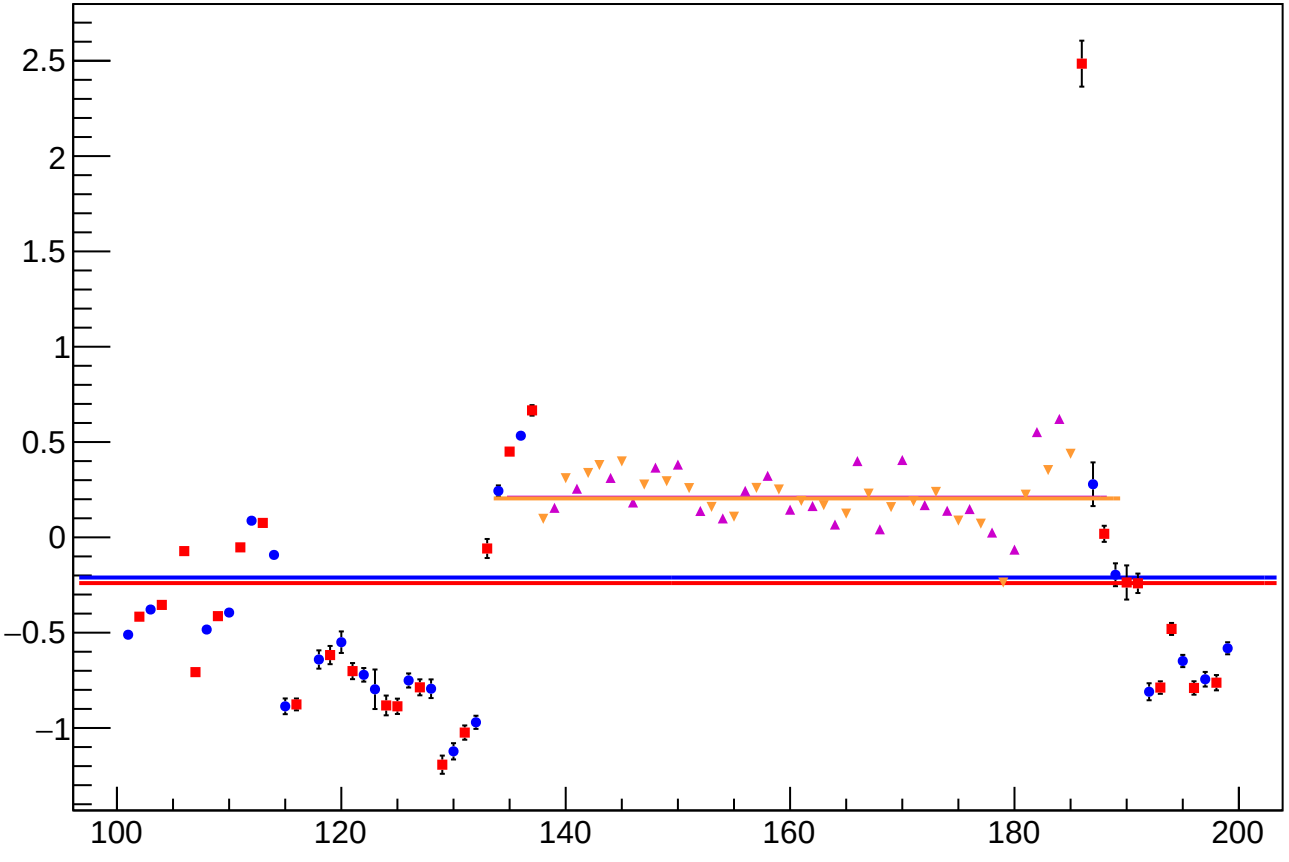
Right: 41.358+/-0.058 χ^2/NDF: 35370.0/48

In: 38.615+/-0.043 χ^2/NDF:35110.1/45

Out: 38.099+/-0.041 χ^2/NDF:42772.8/50

All: 38.345+/-0.029 χ^2/NDF: 77959.8/96

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.211+/-0.005 χ^2/NDF: 8138.3/22

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.240+/-0.004 χ^2/NDF: 8788.7/25

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

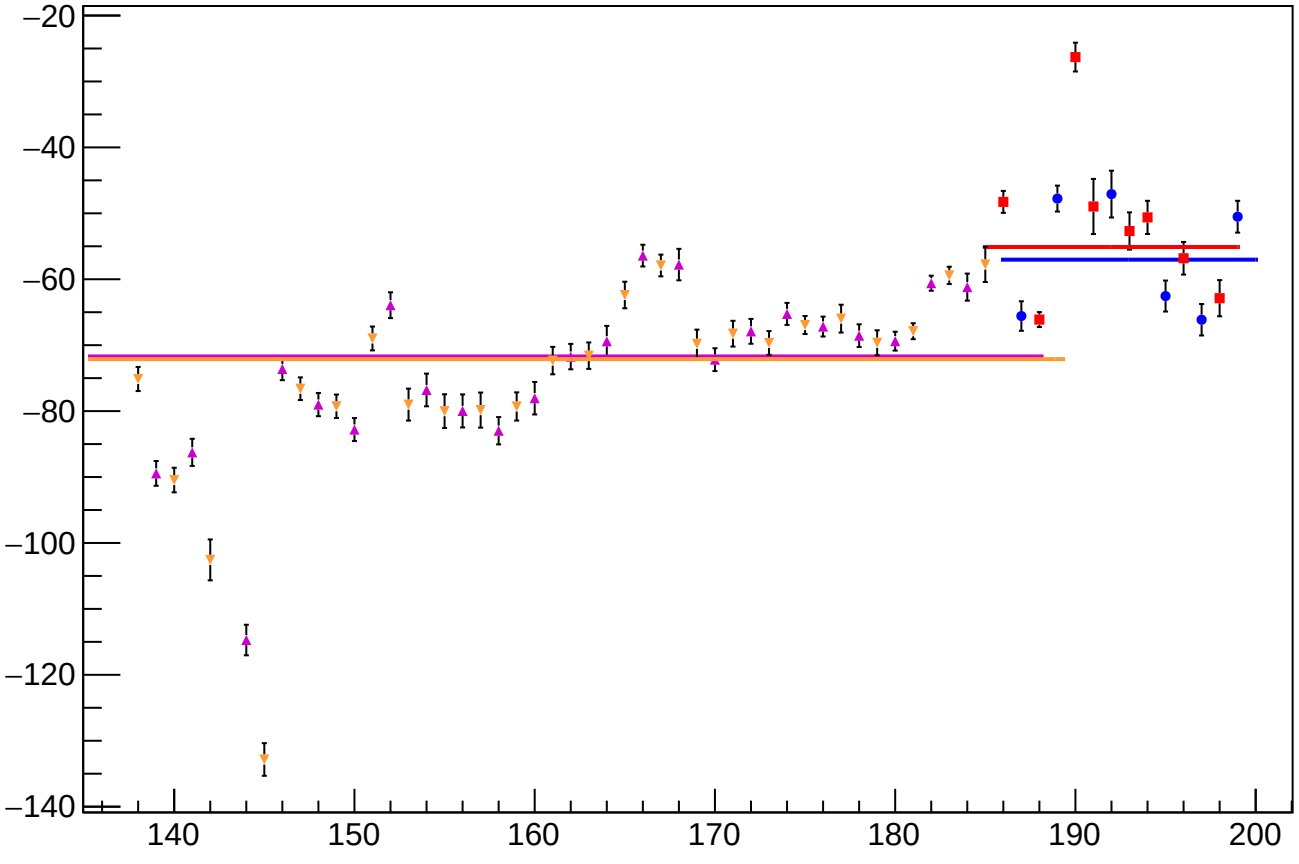
Right: -0.227+/-0.003 χ^2/NDF: 16949.0/48

In: 0.130+/-0.002 χ^2/NDF:19828.9/45

Out: 0.108+/-0.002 χ^2/NDF:21592.1/50

All: 0.118+/-0.001 χ^2/NDF: 41481.0/96

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.028+/-0.969 χ^2/NDF: 72.0/5

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -55.108+/-0.710 χ^2/NDF: 299.3/7

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

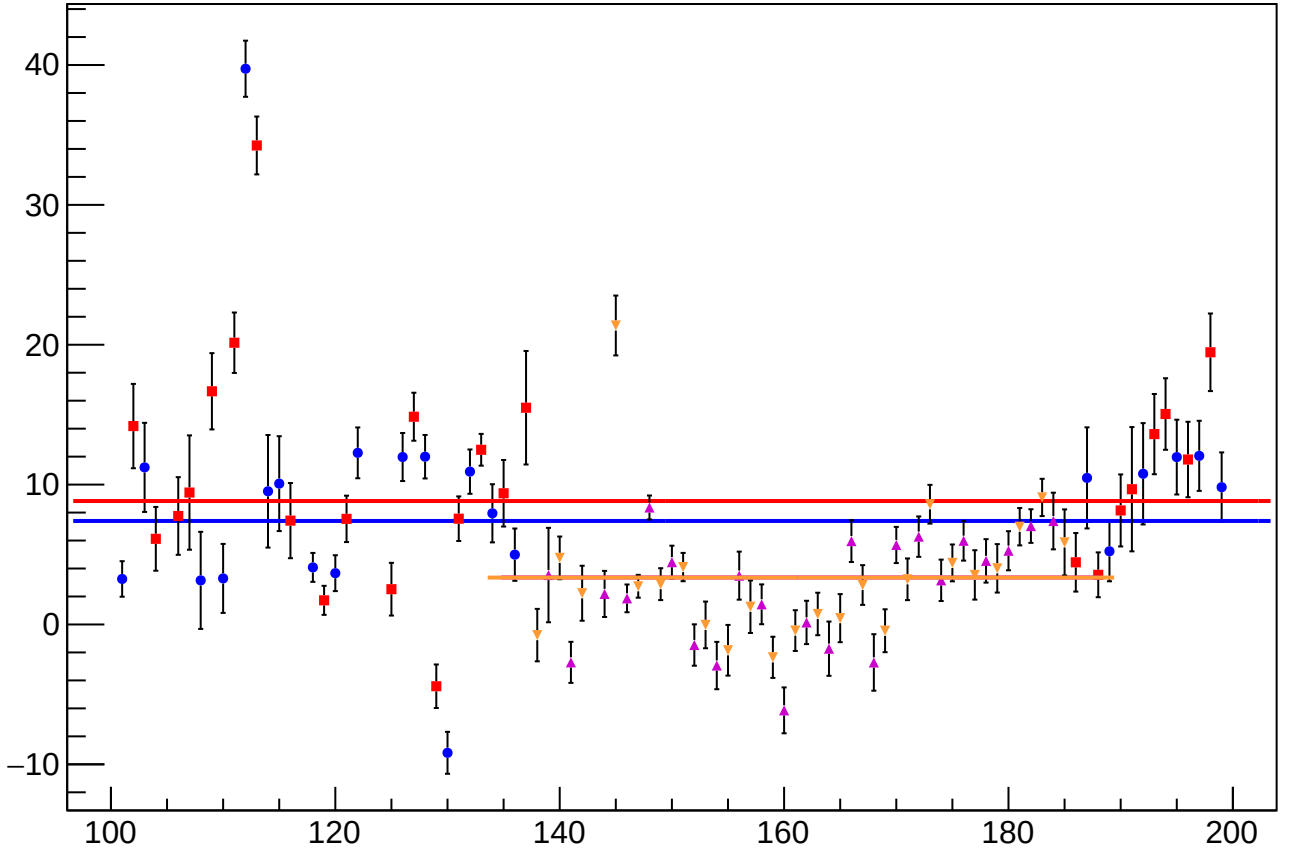
Right: -55.779+/-0.573 χ^2/NDF: 373.8/13

In: -69.752+/-0.354 χ^2/NDF:1155.7/28

Out: -68.287+/-0.337 χ^2/NDF:1868.8/31

All: -68.983+/-0.244 χ^2/NDF: 3033.5/60

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.400+/-0.403 χ^2/NDF: 457.4/21

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.826+/-0.398 χ^2/NDF: 388.7/24

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

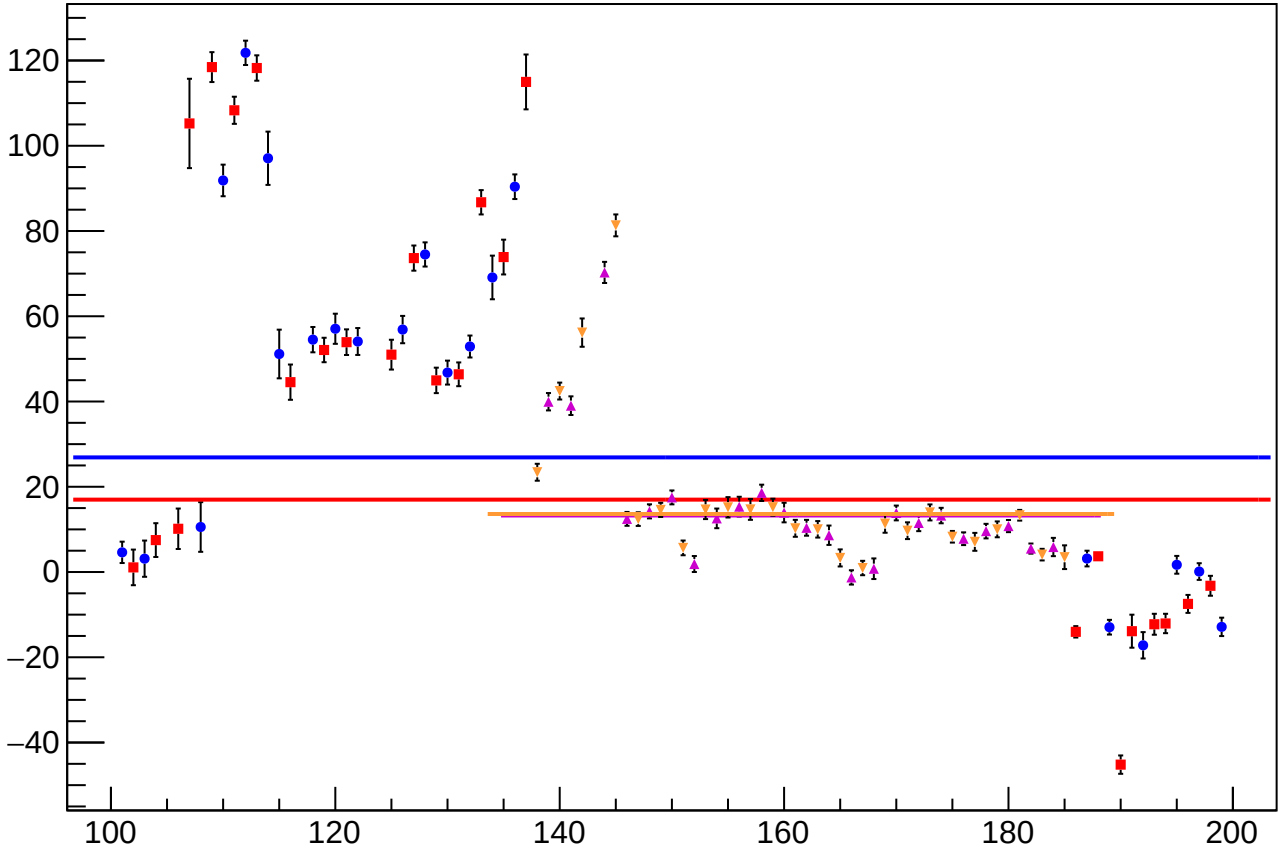
Right: 8.122+/-0.283 χ^2/NDF: 852.5/46

In: 4.785+/-0.239 χ^2/NDF:686.9/44

Out: 5.289+/-0.237 χ^2/NDF:678.6/48

All: 5.039+/-0.168 χ^2/NDF: 1367.8/93

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.889+/-0.588 χ^2/NDF: 4556.0/21

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 16.980+/-0.488 χ^2/NDF: 7100.9/24

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

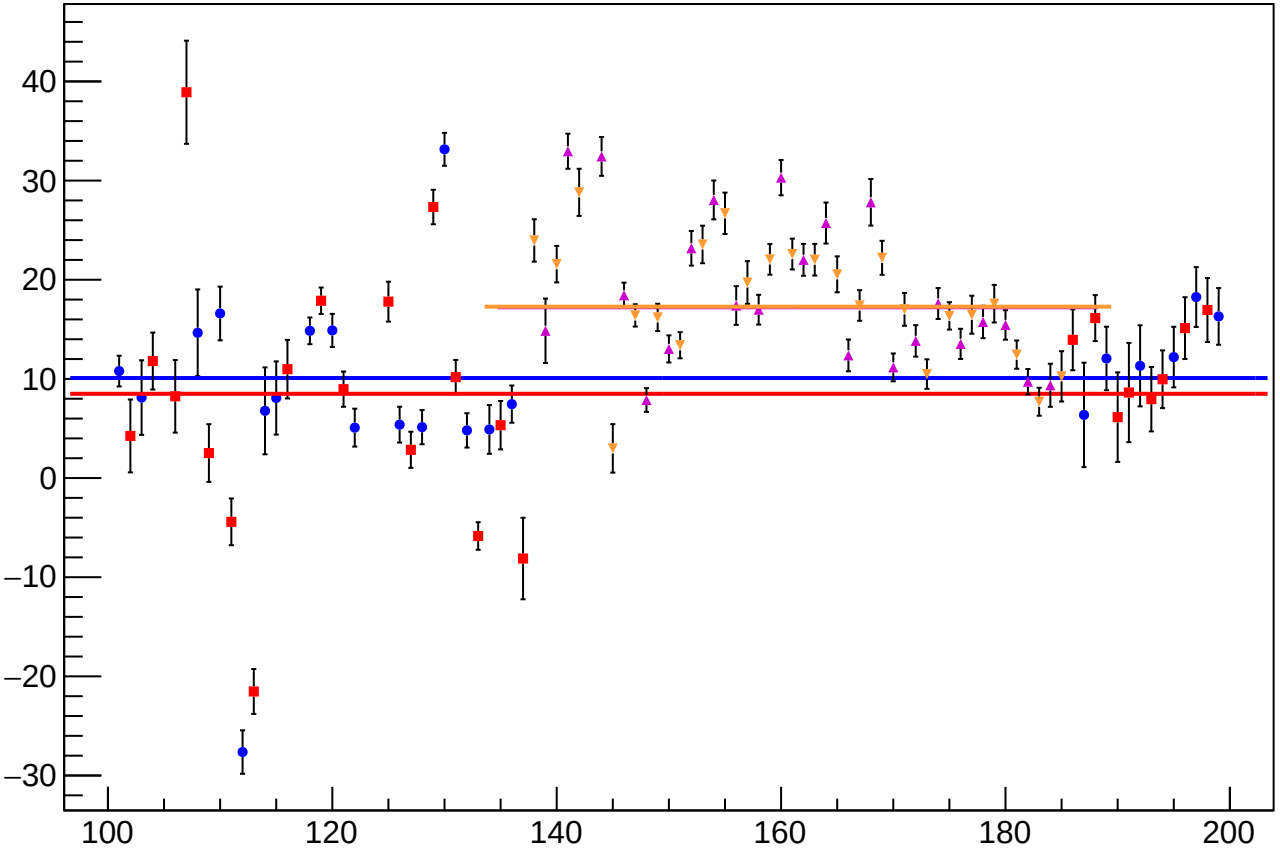
Right: 21.021+/-0.376 χ^2/NDF: 11824.8/46

In: 17.251+/-0.318 χ^2/NDF:6012.3/44

Out: 14.888+/-0.301 χ^2/NDF:8433.8/48

All: 16.002+/-0.219 χ^2/NDF: 14475.2/93

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.088+/-0.471 χ^2/NDF: 568.9/21

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.498+/-0.469 χ^2/NDF: 596.4/24

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

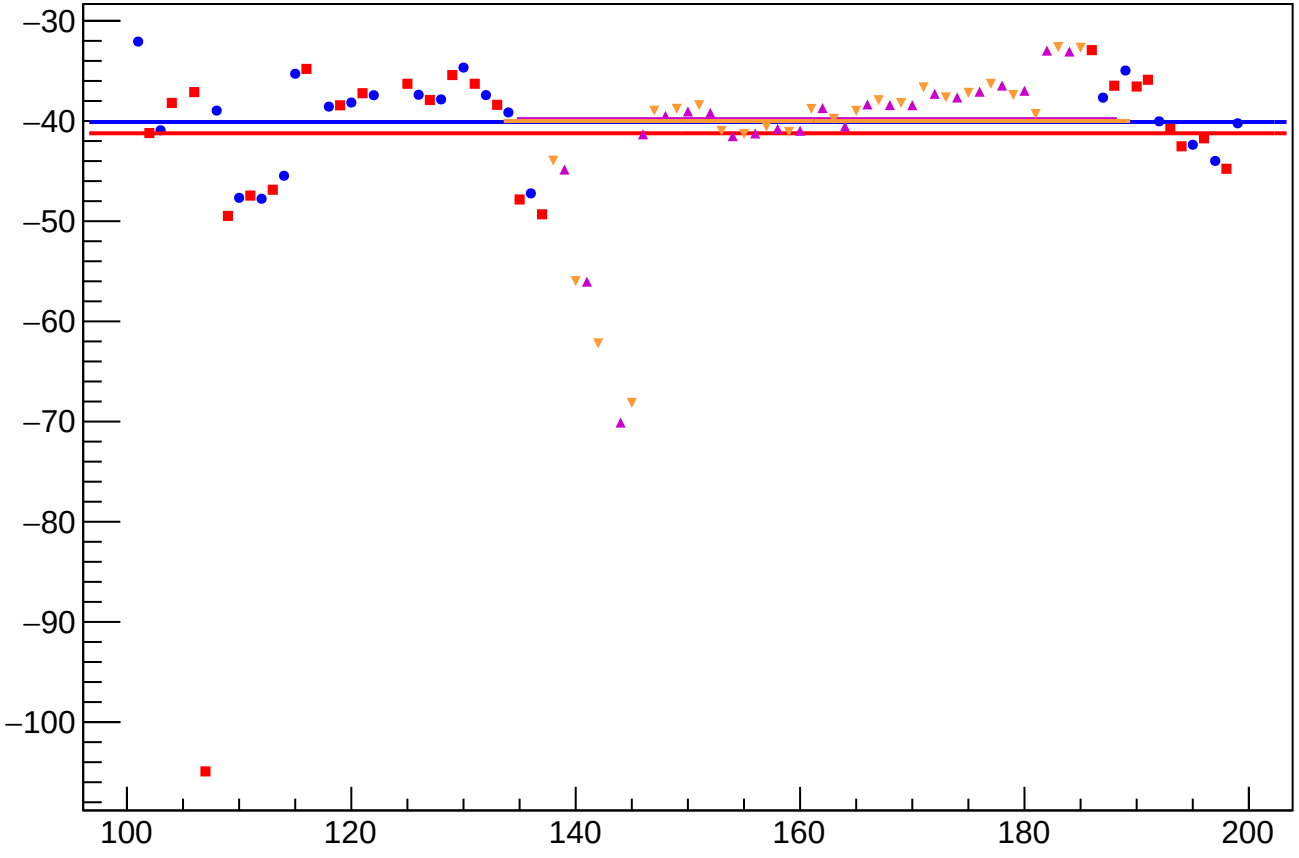
Right: 9.291+/-0.332 χ^2/NDF: 1171.0/46

In: 14.791+/-0.275 χ^2/NDF:1162.7/44

Out: 14.296+/-0.274 χ^2/NDF:1071.7/48

All: 14.542+/-0.194 χ^2/NDF: 2236.0/93

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.099+/-0.025 χ^2/NDF: 30343.8/21

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -41.223+/-0.024 χ^2/NDF: 101155.8/24

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

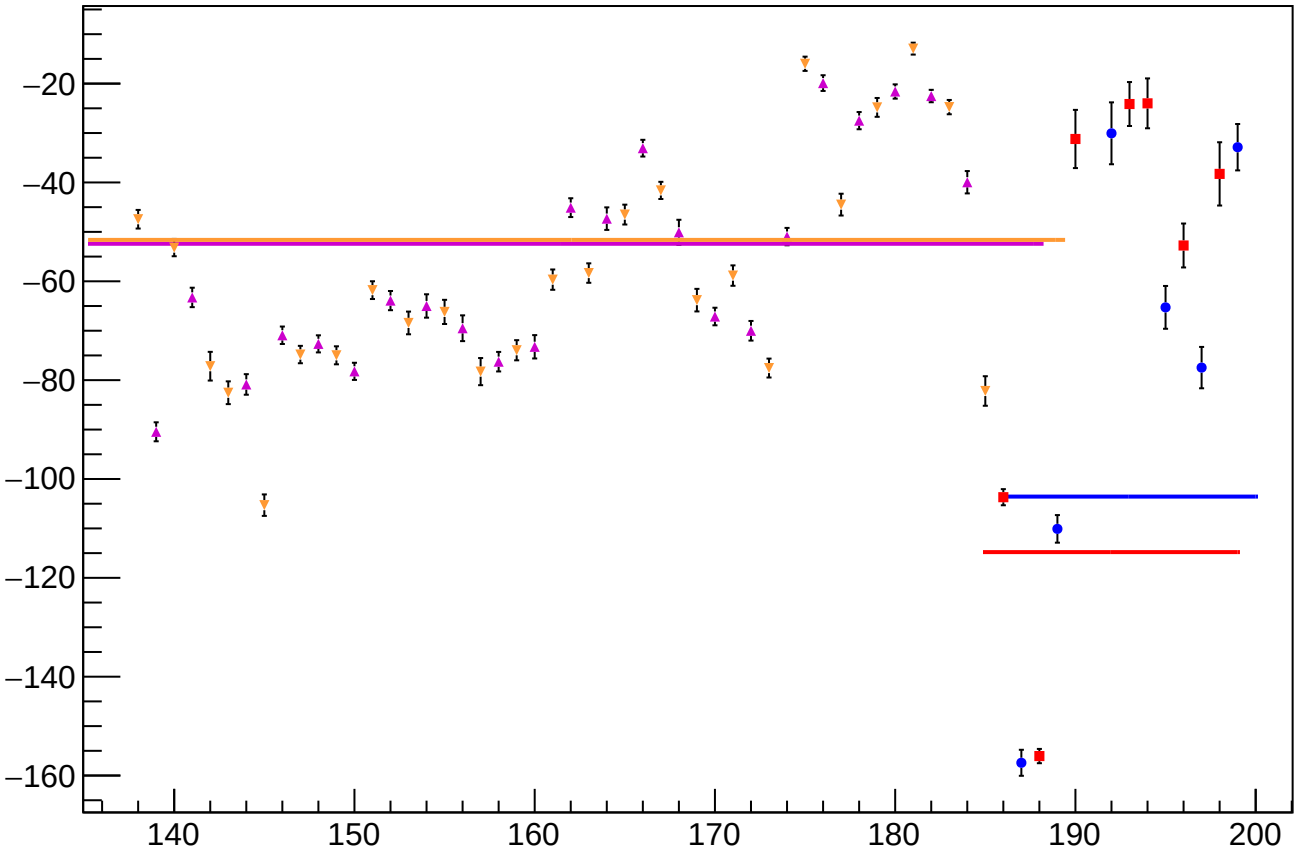
Right: -40.684+/-0.018 χ^2/NDF: 132521.2/46

In: -39.891+/-0.013 χ^2/NDF:176226.2/44

Out: -40.362+/-0.013 χ^2/NDF:275079.8/48

All: -40.128+/-0.009 χ^2/NDF: 451936.3/93

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -103.560+/-1.484 χ^2/NDF: 906.1/5

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -114.794+/-0.977 χ^2/NDF: 2140.1/6

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

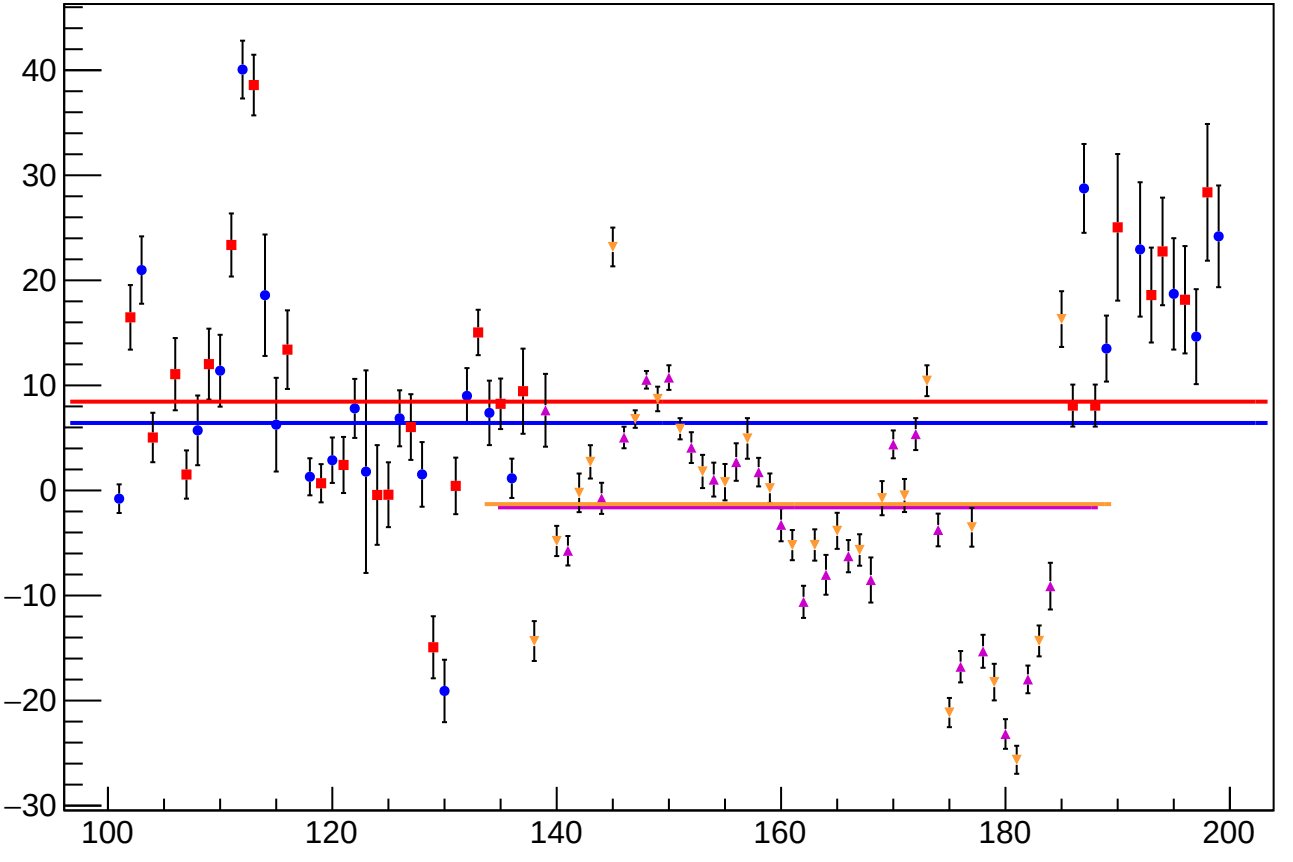
Right: -111.398+/-0.816 χ^2/NDF: 3086.2/12

In: -55.669+/-0.375 χ^2/NDF:5397.0/28

Out: -60.057+/-0.357 χ^2/NDF:9896.5/31

All: -57.969+/-0.258 χ^2/NDF: 15365.4/60

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.424+/-0.587 χ^2/NDF: 363.2/22

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 8.453+/-0.576 χ^2/NDF: 303.3/24

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

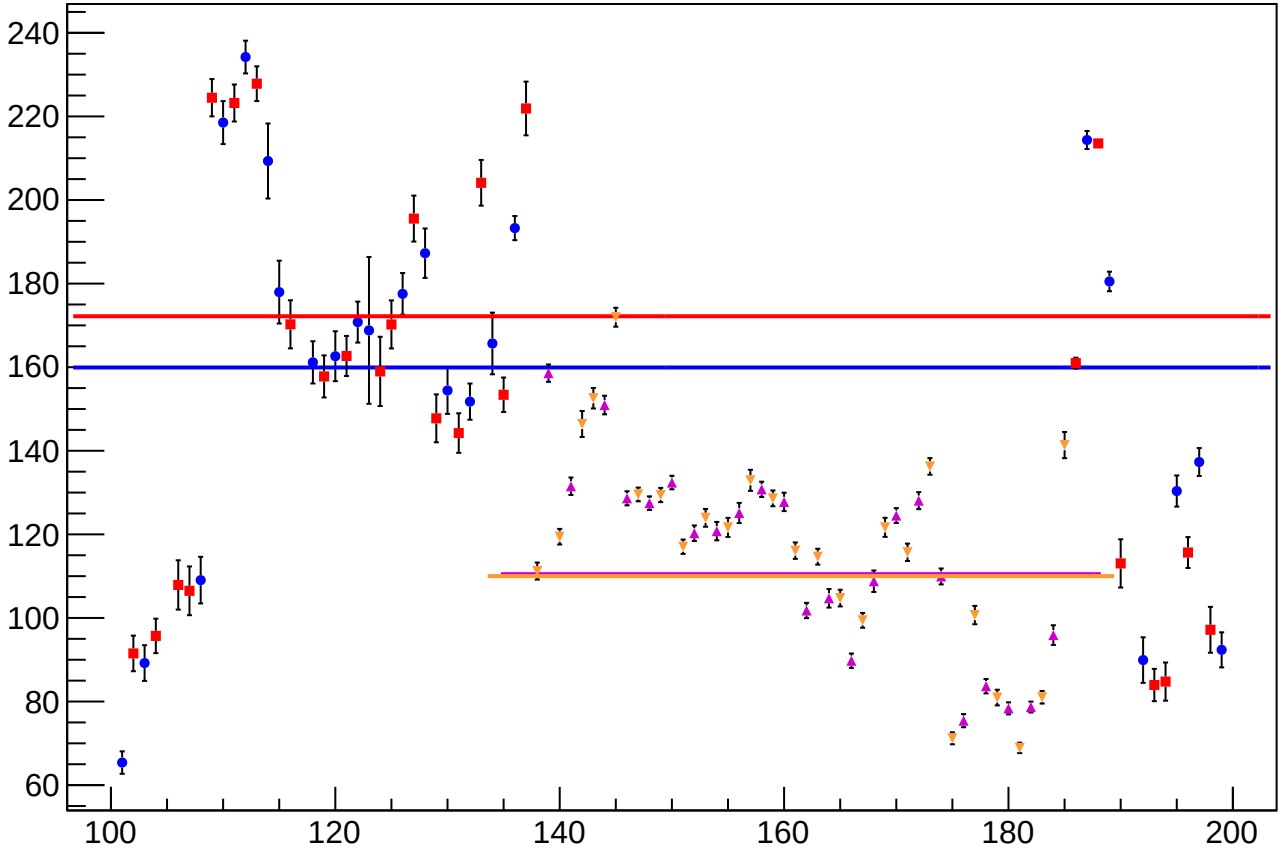
Right: 7.458+/-0.411 χ^2/NDF: 672.6/47

In: 0.051+/-0.267 χ^2/NDF:1609.1/45

Out: 0.700+/-0.261 χ^2/NDF:1847.1/49

All: 0.383+/-0.186 χ^2/NDF: 3459.2/95

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 159.928+/-0.841 χ^2/NDF: 3545.0/22

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 172.184+/-0.660 χ^2/NDF: 4354.9/24

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

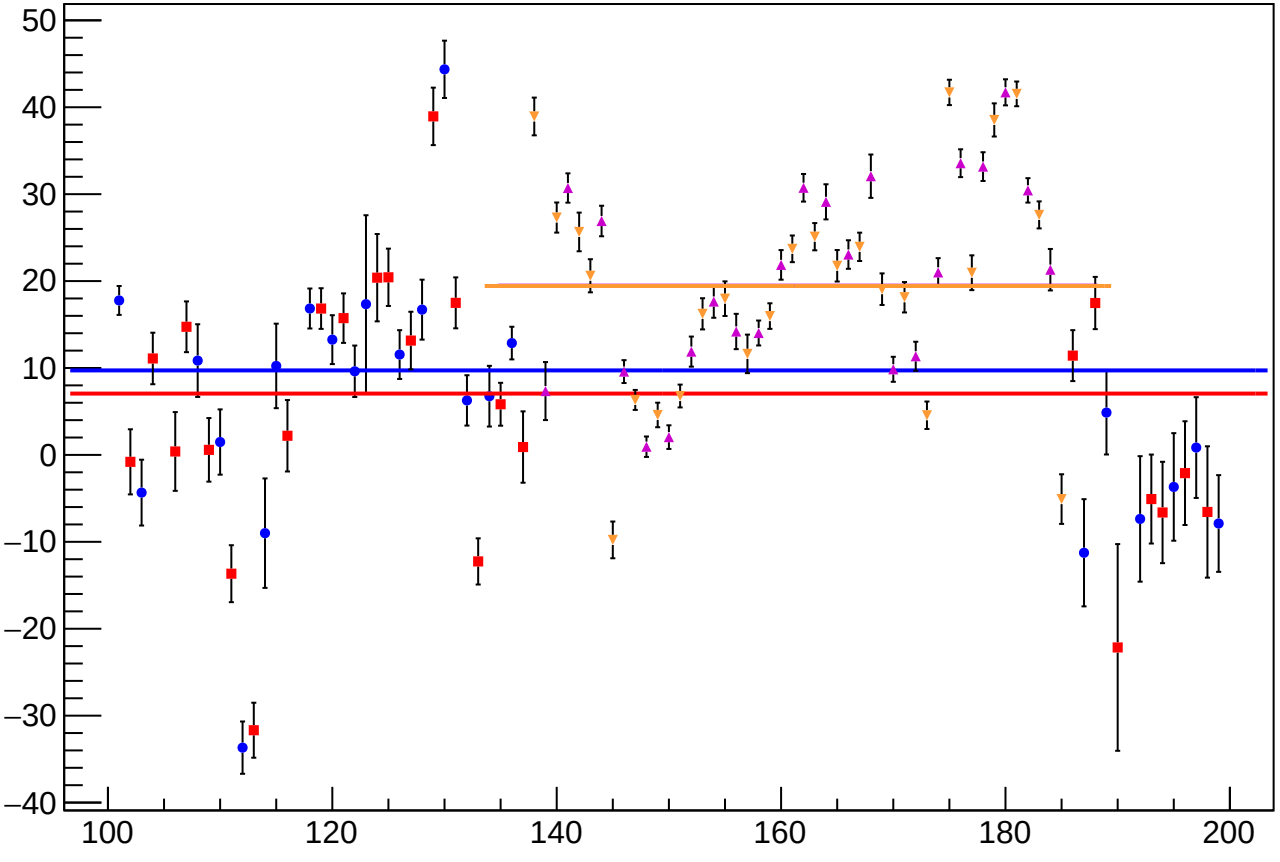
Right: 167.515+/-0.519 χ^2/NDF: 8031.2/47

In: 119.030+/-0.350 χ^2/NDF:10225.8/45

Out: 125.657+/-0.331 χ^2/NDF:15530.8/49

All: 122.526+/-0.240 χ^2/NDF: 25945.9/95

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.722+/-0.683 χ^2/NDF: 425.9/22

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.056+/-0.686 χ^2/NDF: 461.5/24

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

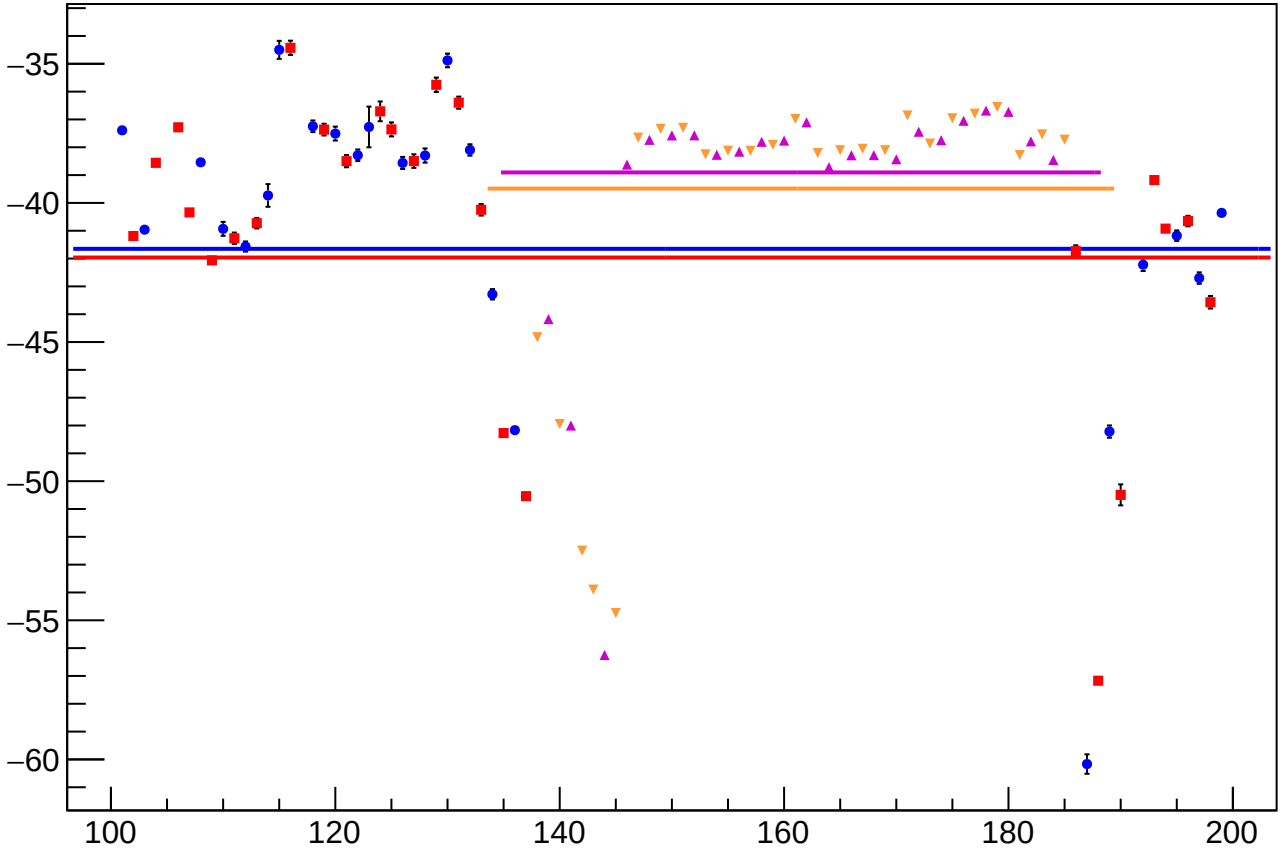
Right: 8.394+/-0.484 χ^2/NDF: 895.0/47

In: 17.523+/-0.306 χ^2/NDF:1777.0/45

Out: 17.043+/-0.301 χ^2/NDF:2176.7/49

All: 17.279+/-0.215 χ^2/NDF: 3955.0/95

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.650+/-0.035 χ^2/NDF: 16461.6/22

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.963+/-0.034 χ^2/NDF: 22395.7/24

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

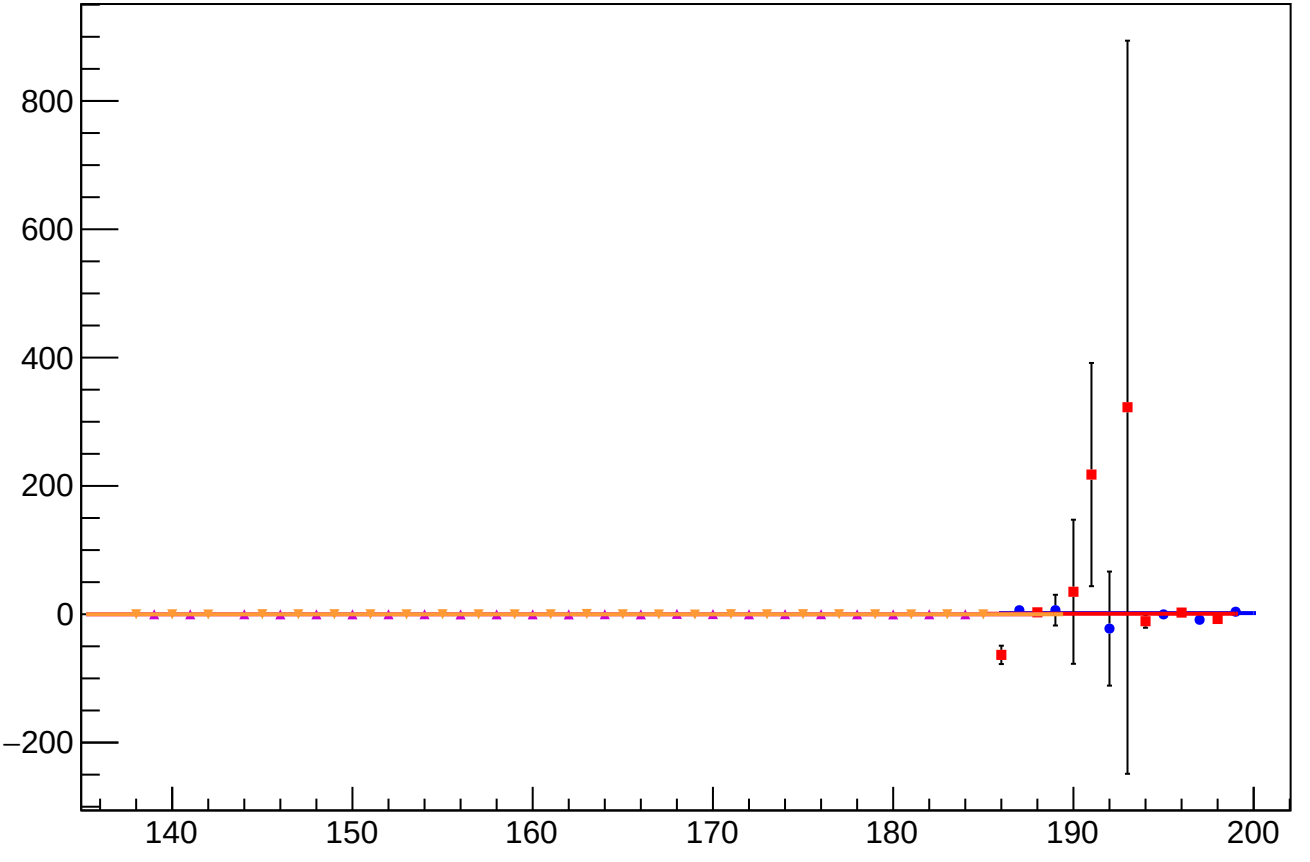
Right: -41.810+/-0.024 χ^2/NDF: 38898.1/47

In: -39.368+/-0.014 χ^2/NDF:75839.2/45

Out: -39.918+/-0.014 χ^2/NDF:115598.6/49

All: -39.645+/-0.010 χ^2/NDF: 192171.2/95

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.780+/-2.084 χ^2/NDF: 7.7/5

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 0.781+/-1.716 χ^2/NDF: 26.5/7

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

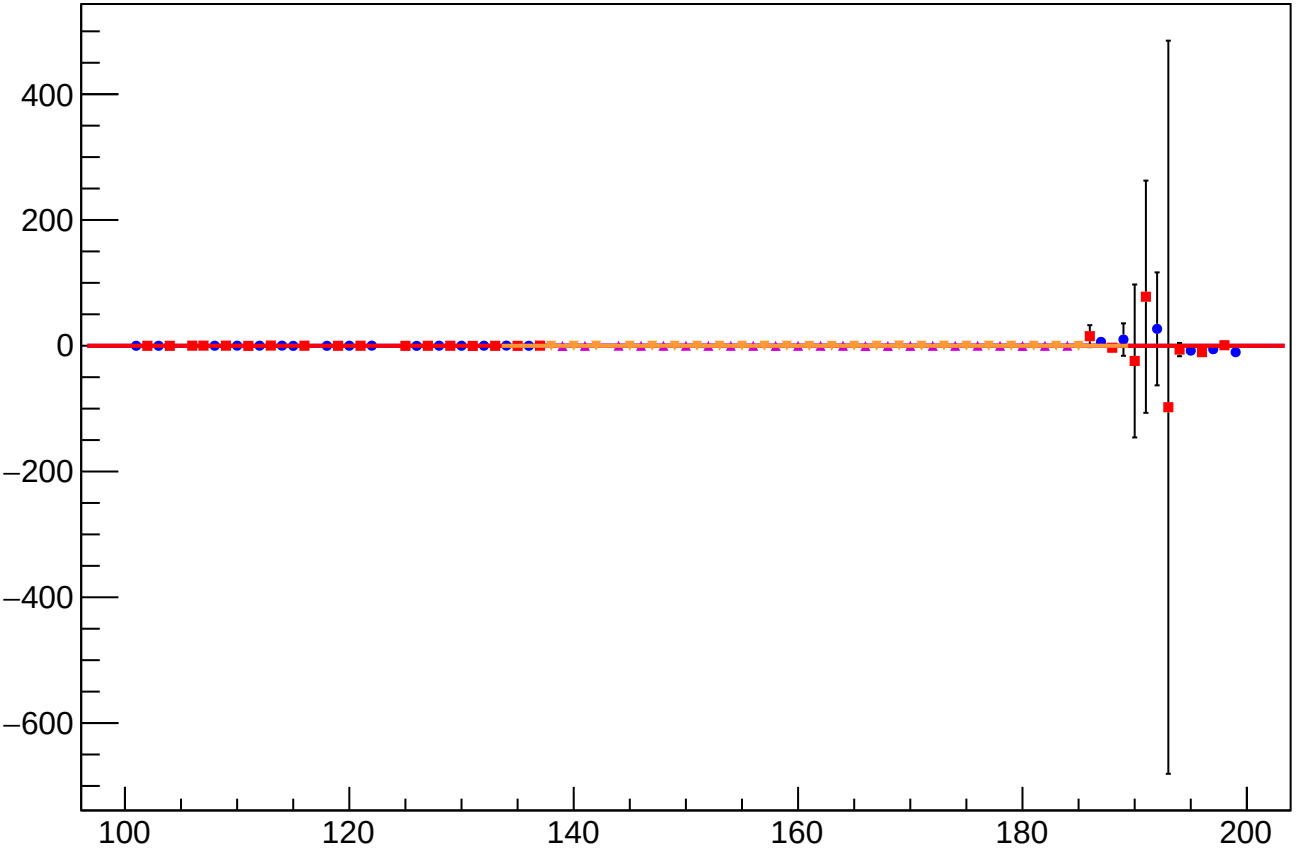
Right: 1.184+/-1.325 χ^2/NDF: 34.4/13

In: -0.025+/-0.022 χ^2/NDF:40.7/28

Out: -0.089+/-0.022 χ^2/NDF:66.8/31

All: -0.057+/-0.016 χ^2/NDF: 111.7/60

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.028 χ^2/NDF: 20.3/21

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 26.5/24

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

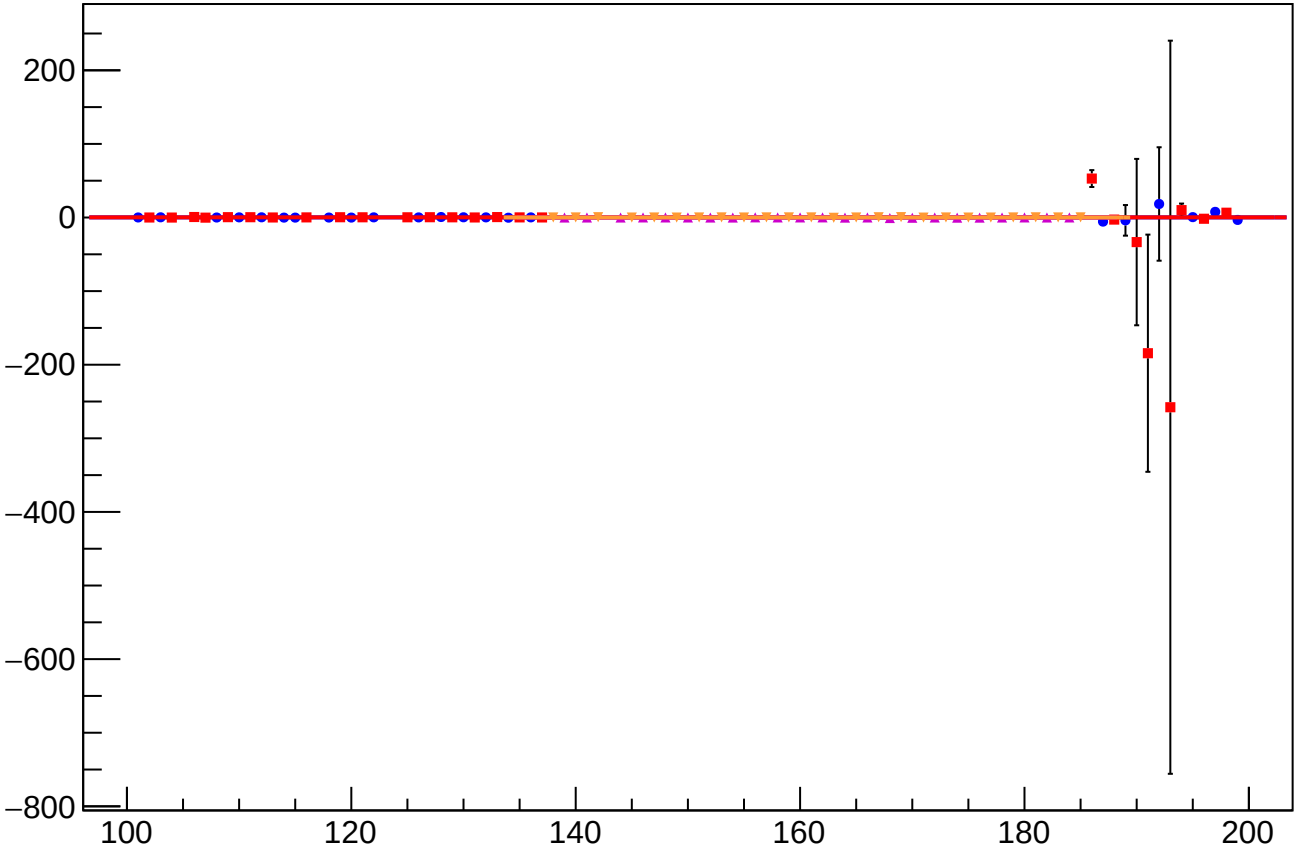
Right: -0.024+/-0.020 χ^2/NDF: 48.5/46

In: -0.039+/-0.015 χ^2/NDF:55.3/44

Out: -0.073+/-0.015 χ^2/NDF:53.0/48

All: -0.056+/-0.011 χ^2/NDF: 110.9/93

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.169+/-0.052 χ^2/NDF: 23.7/21

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.238+/-0.054 χ^2/NDF: 46.4/24

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

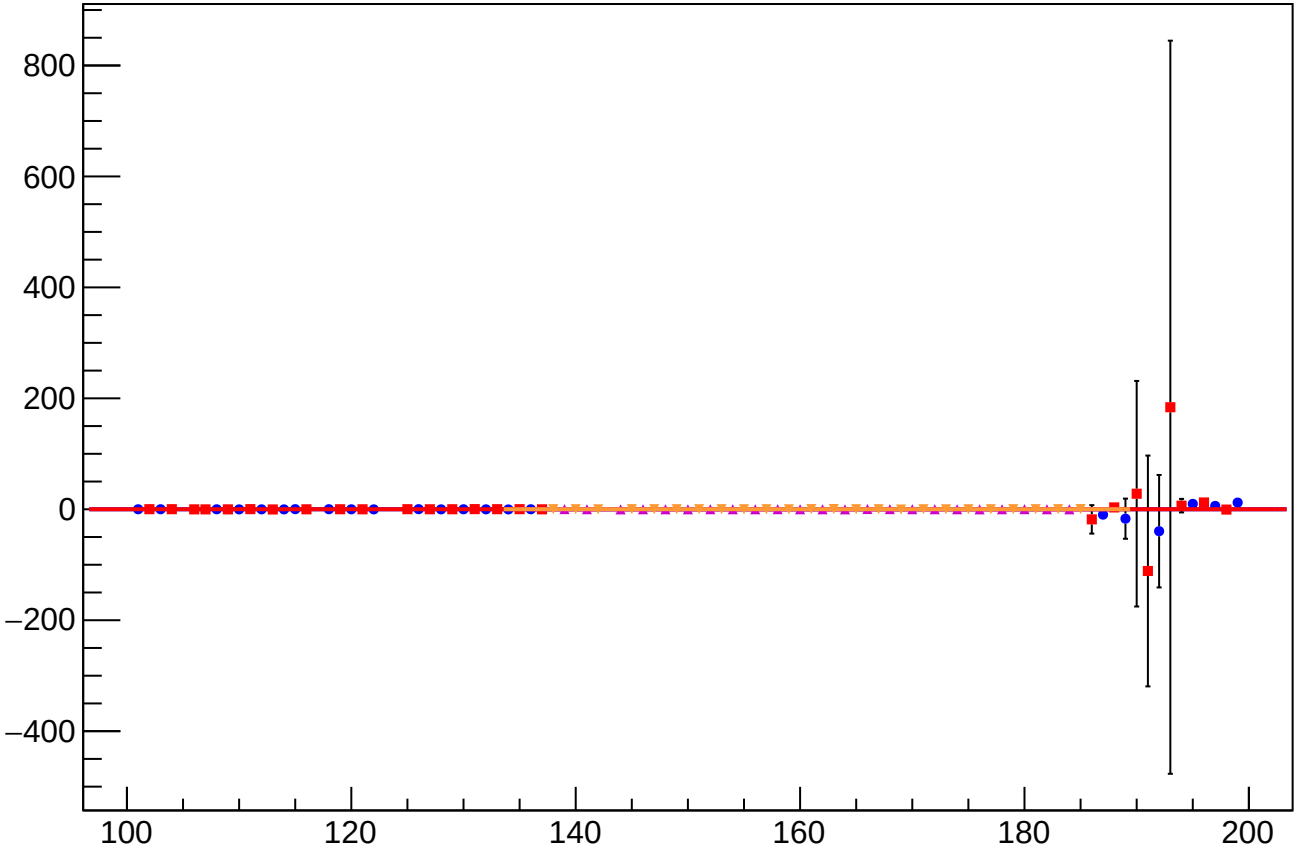
Right: 0.203+/-0.038 χ^2/NDF: 70.9/46

In: 0.043+/-0.020 χ^2/NDF:65.1/44

Out: 0.104+/-0.020 χ^2/NDF:92.3/48

All: 0.073+/-0.014 χ^2/NDF: 161.9/93

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 22.1/21

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 25.1/24

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

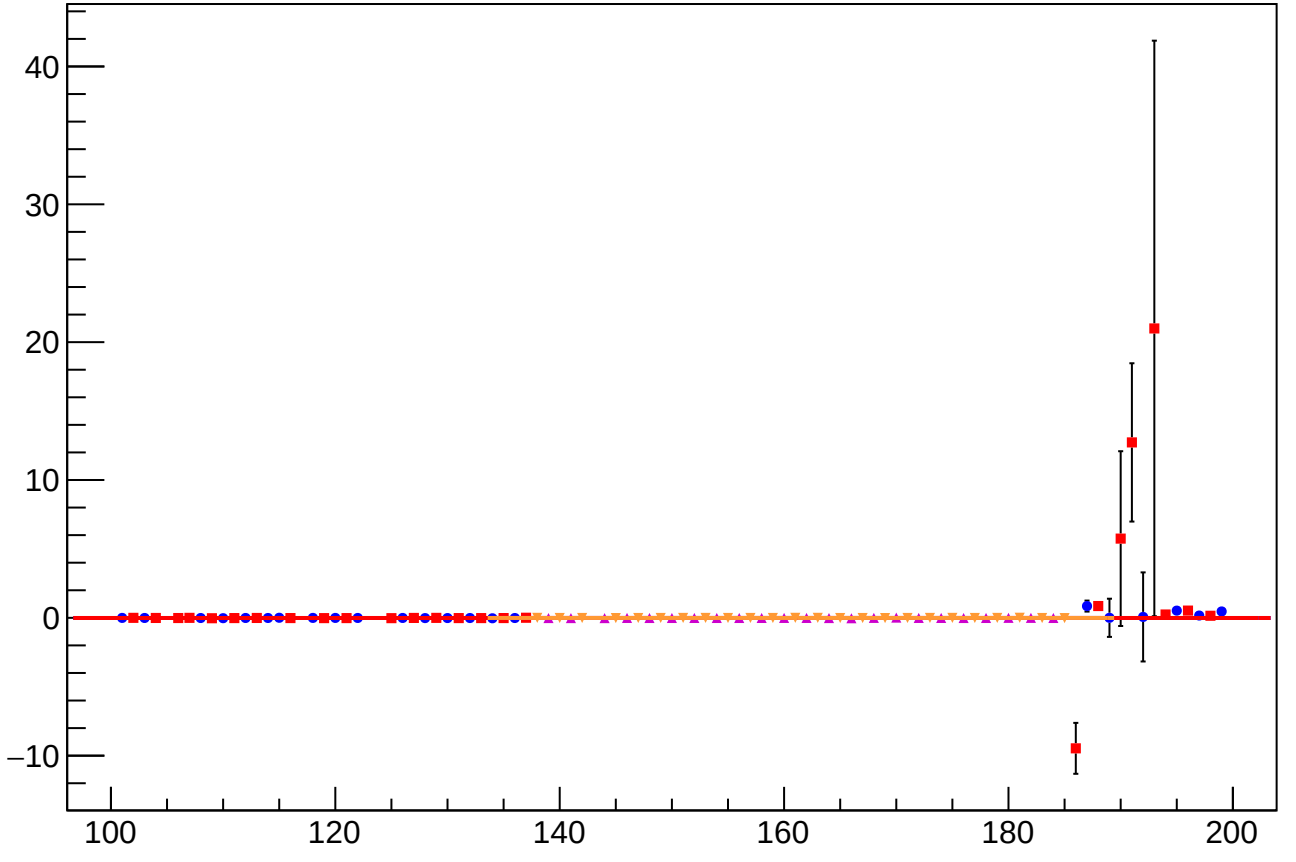
Right: 0.023+/-0.023 χ^2/NDF: 49.4/46

In: 0.050+/-0.017 χ^2/NDF:58.5/44

Out: 0.093+/-0.017 χ^2/NDF:56.0/48

All: 0.072+/-0.012 χ^2/NDF: 117.8/93

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 31.0/21

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 78.0/24

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

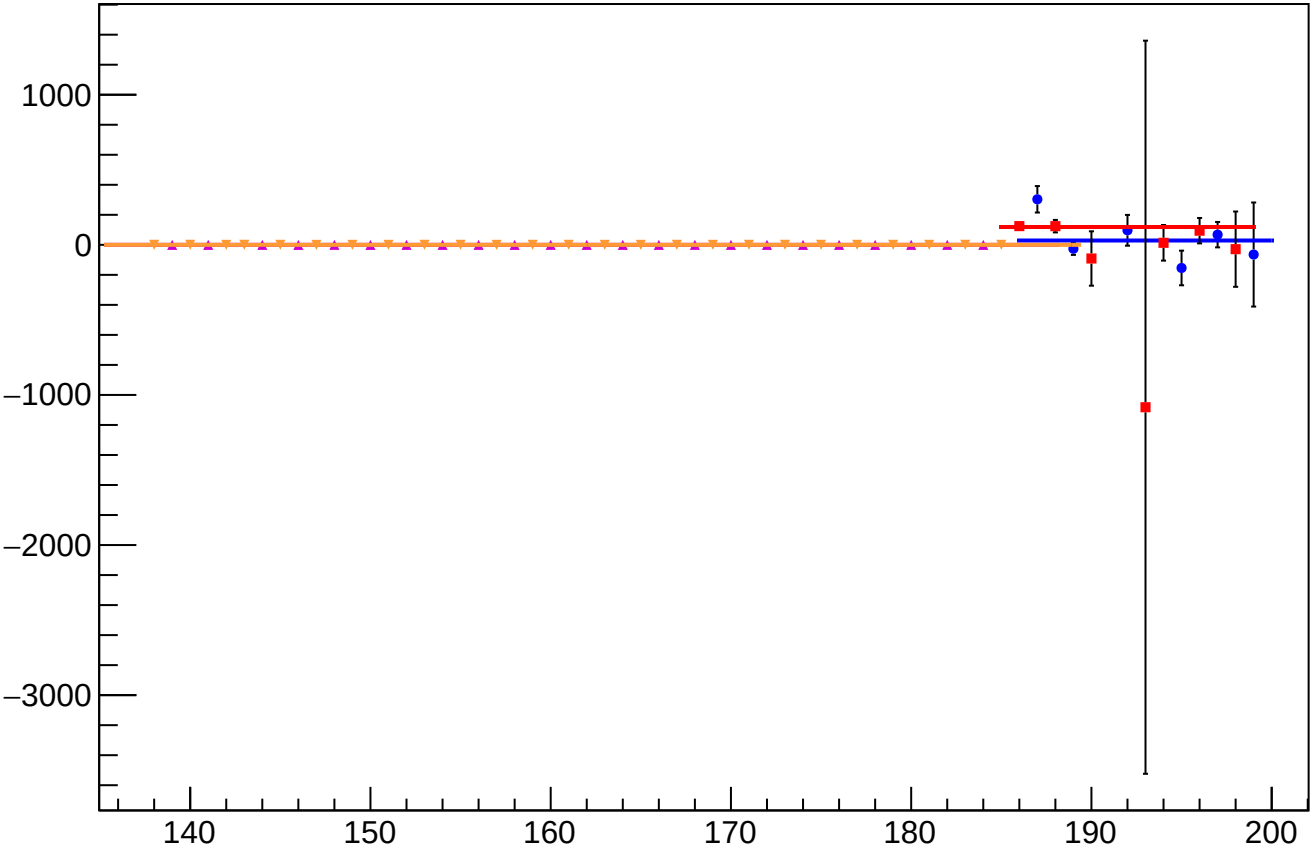
Right: -0.011+/-0.001 χ^2/NDF: 109.1/46

In: -0.009+/-0.001 χ^2/NDF:75.1/44

Out: -0.009+/-0.001 χ^2/NDF:110.5/48

All: -0.009+/-0.001 χ^2/NDF: 186.2/93

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 28.871+/-30.970 χ^2/NDF: 14.7/5

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 118.819+/-16.536 χ^2/NDF: 2.9/6

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

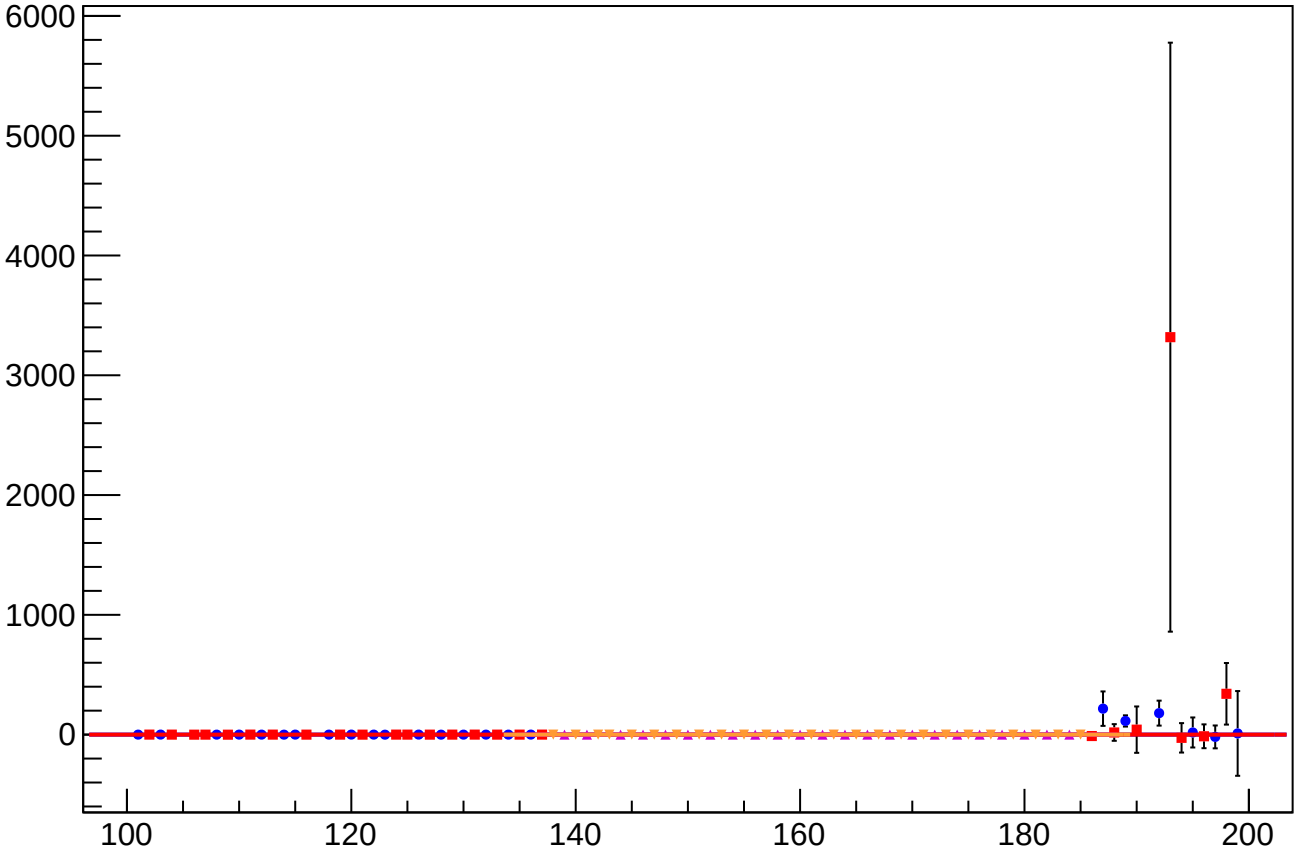
Right: 98.864+/-14.587 χ^2/NDF: 24.2/12

In: 0.004+/-0.028 χ^2/NDF:43.8/28

Out: 0.014+/-0.027 χ^2/NDF:83.7/31

All: 0.009+/-0.019 χ^2/NDF: 127.5/60

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 34.6/22

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 21.4/24

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

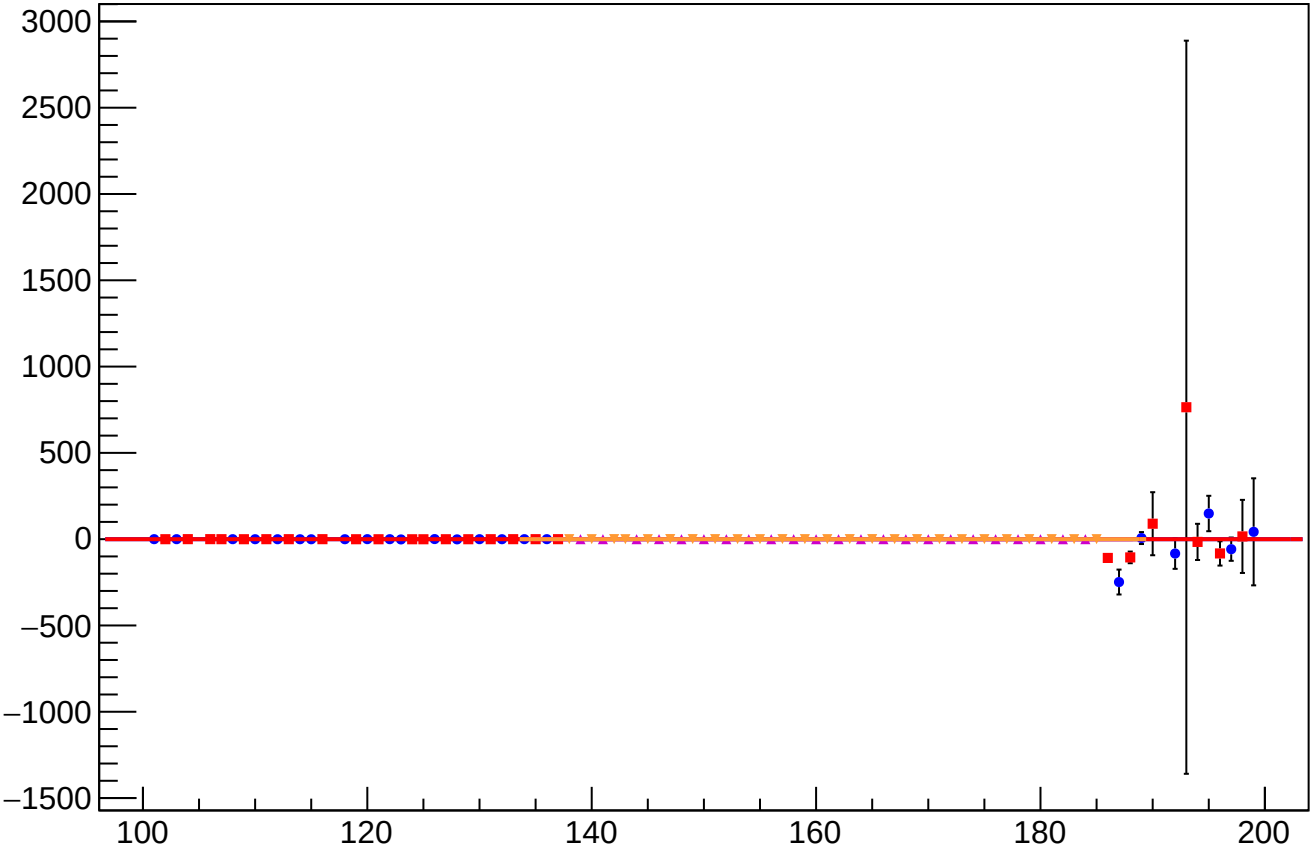
Right: -0.072+/-0.027 χ^2/NDF: 59.8/47

In: -0.059+/-0.019 χ^2/NDF:84.6/45

Out: -0.074+/-0.019 χ^2/NDF:49.3/49

All: -0.066+/-0.013 χ^2/NDF: 134.2/95

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.067 χ^2/NDF: 39.4/22

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 69.7/24

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

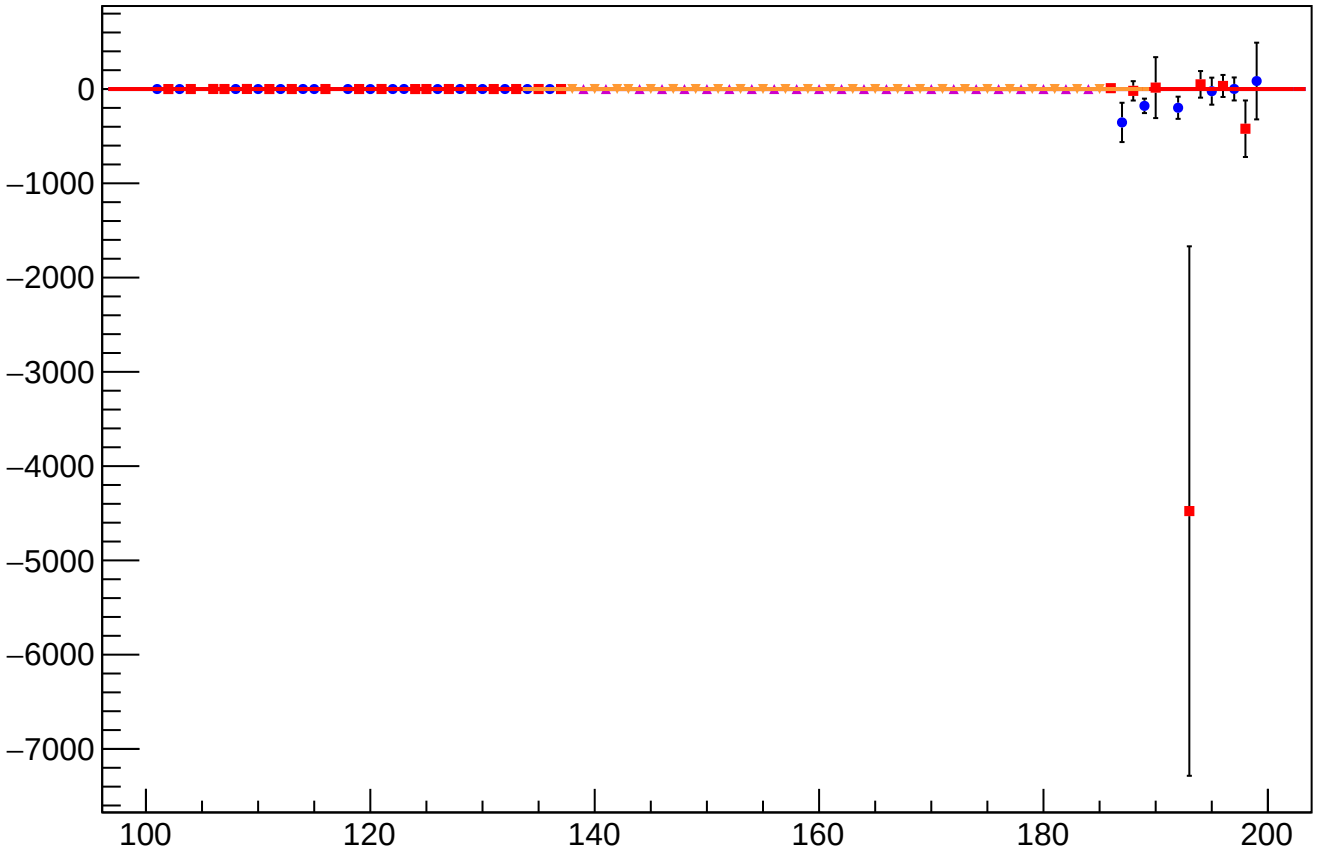
Right: -0.151+/-0.049 χ^2/NDF: 109.2/47

In: -0.048+/-0.025 χ^2/NDF:68.8/45

Out: -0.035+/-0.025 χ^2/NDF:101.2/49

All: -0.042+/-0.018 χ^2/NDF: 170.1/95

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 33.7/22

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 20.6/24

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

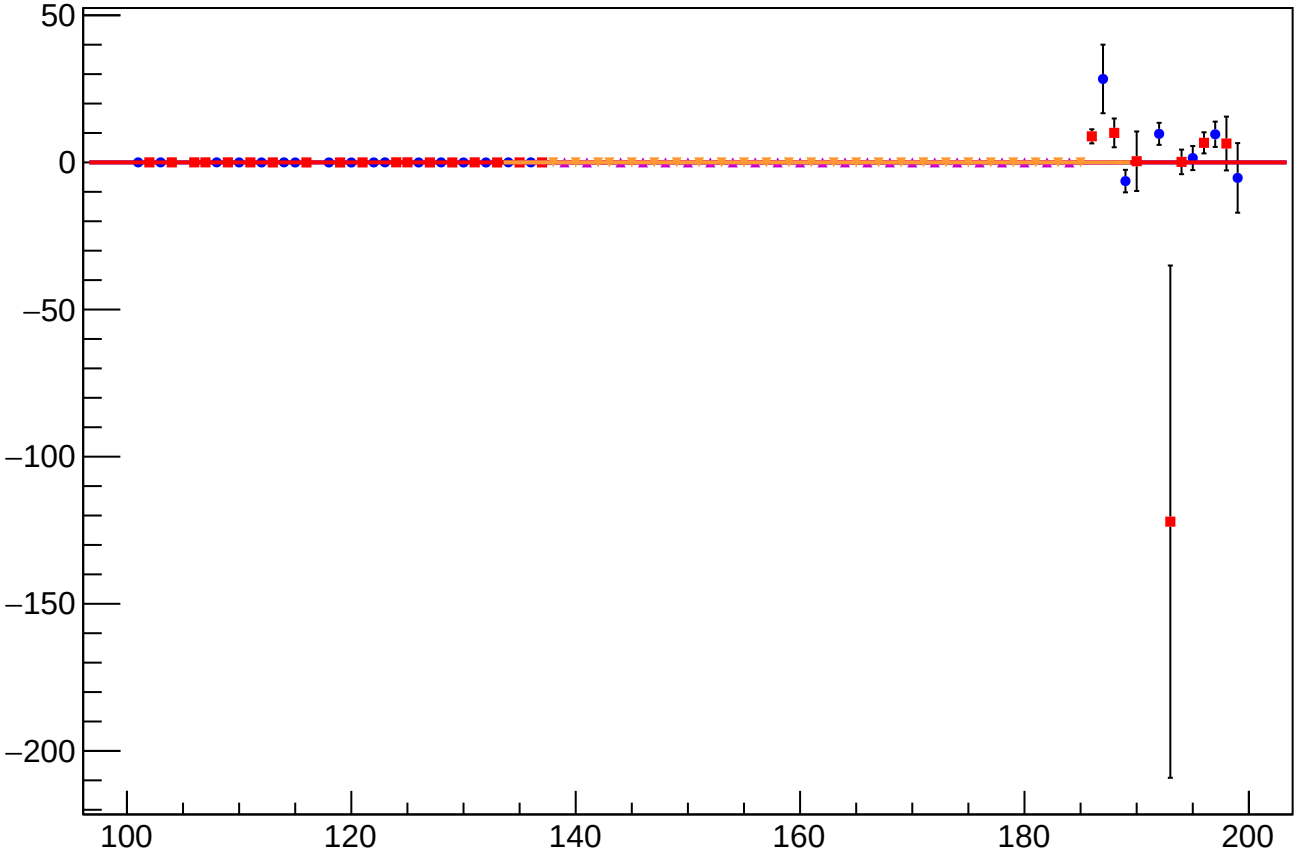
Right: 0.082+/-0.031 χ^2/NDF: 58.8/47

In: 0.057+/-0.021 χ^2/NDF:86.1/45

Out: 0.081+/-0.021 χ^2/NDF:48.7/49

All: 0.069+/-0.015 χ^2/NDF: 135.5/95

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 53.1/22

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 44.3/24

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

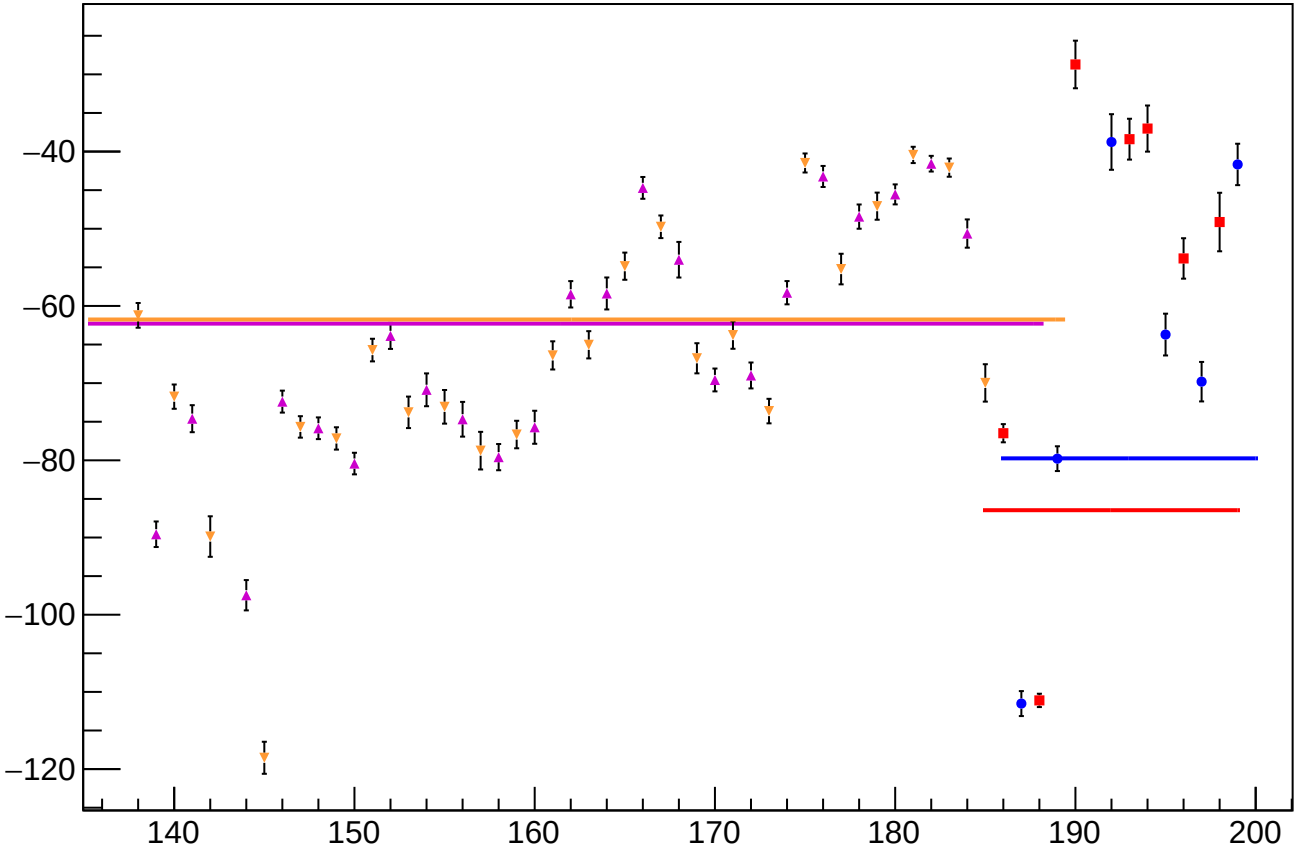
Right: 0.002+/-0.002 χ^2/NDF: 97.5/47

In: 0.008+/-0.001 χ^2/NDF:79.0/45

Out: 0.007+/-0.001 χ^2/NDF:75.5/49

All: 0.007+/-0.001 χ^2/NDF: 154.5/95

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -79.746+/-0.885 χ^2/NDF: 766.9/5

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -86.461+/-0.616 χ^2/NDF: 2091.2/6

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

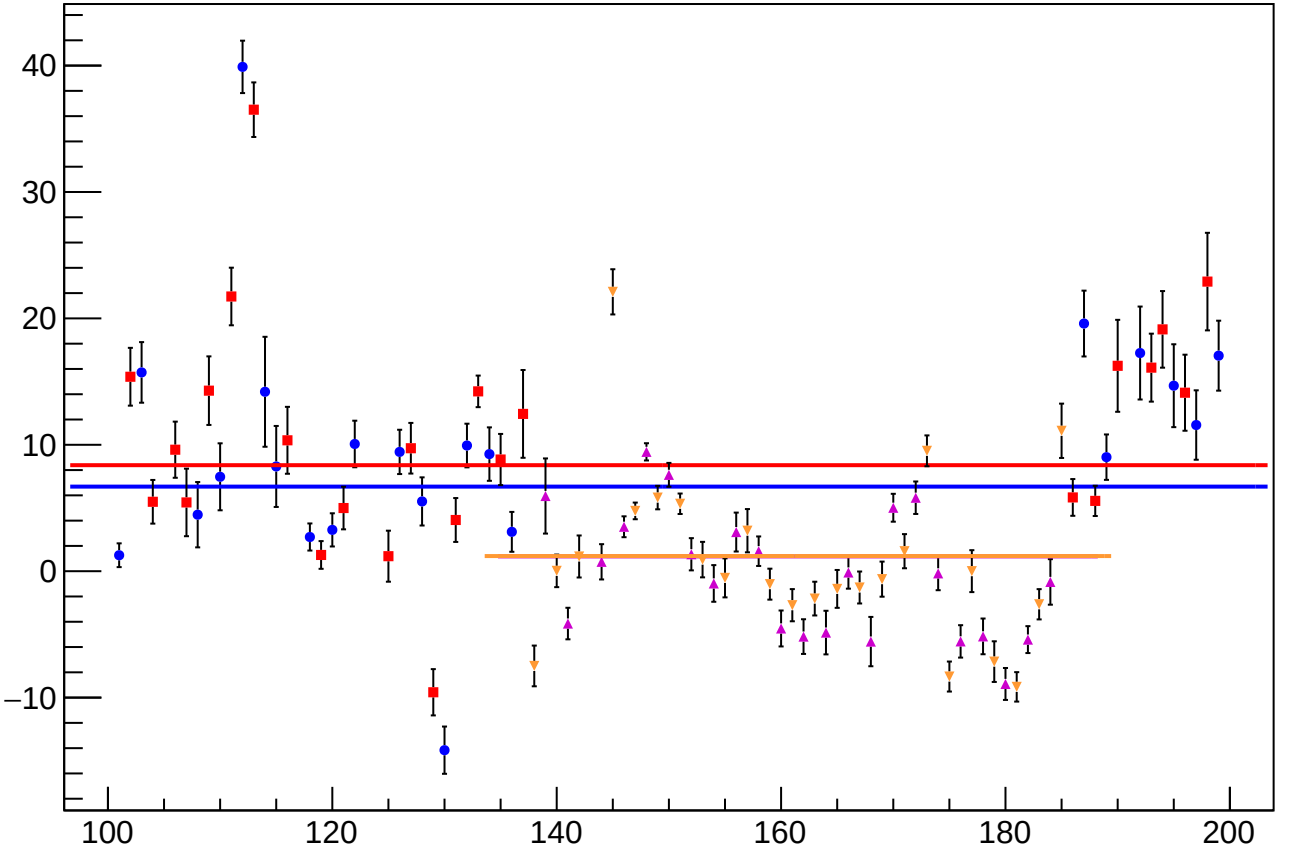
Right: -84.270+/-0.506 χ^2/NDF: 2896.8/12

In: -64.433+/-0.310 χ^2/NDF:3372.9/28

Out: -67.363+/-0.294 χ^2/NDF:5843.6/30

All: -65.979+/-0.213 χ^2/NDF: 9263.6/59

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.692+/-0.393 χ^2/NDF: 527.2/21

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.387+/-0.392 χ^2/NDF: 459.8/23

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

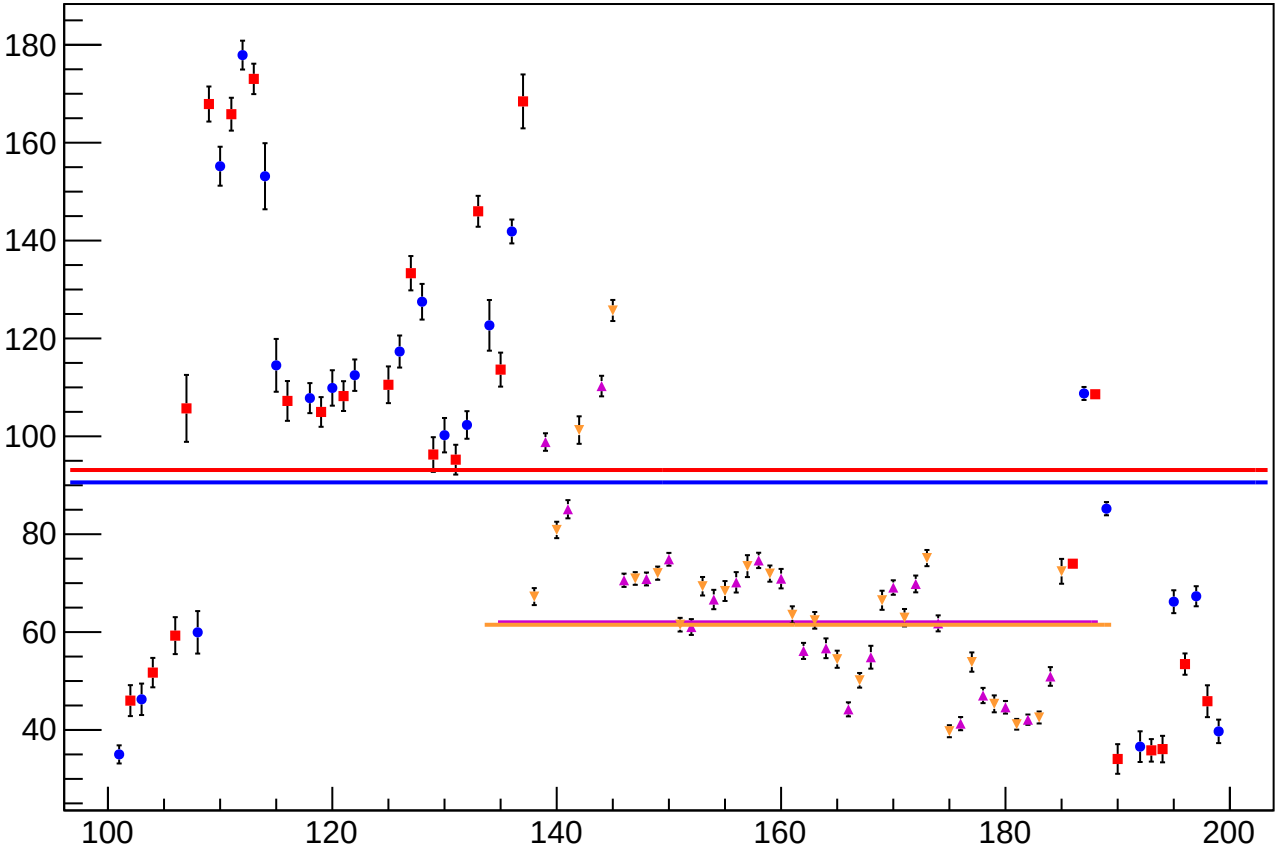
Right: 7.542+/-0.278 χ^2/NDF: 996.2/45

In: 2.802+/-0.214 χ^2/NDF:1132.2/44

Out: 3.304+/-0.212 χ^2/NDF:1223.5/47

All: 3.055+/-0.151 χ^2/NDF: 2358.5/92

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.589+/-0.547 χ^2/NDF: 4352.7/21

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 93.118+/-0.432 χ^2/NDF: 5666.0/23

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

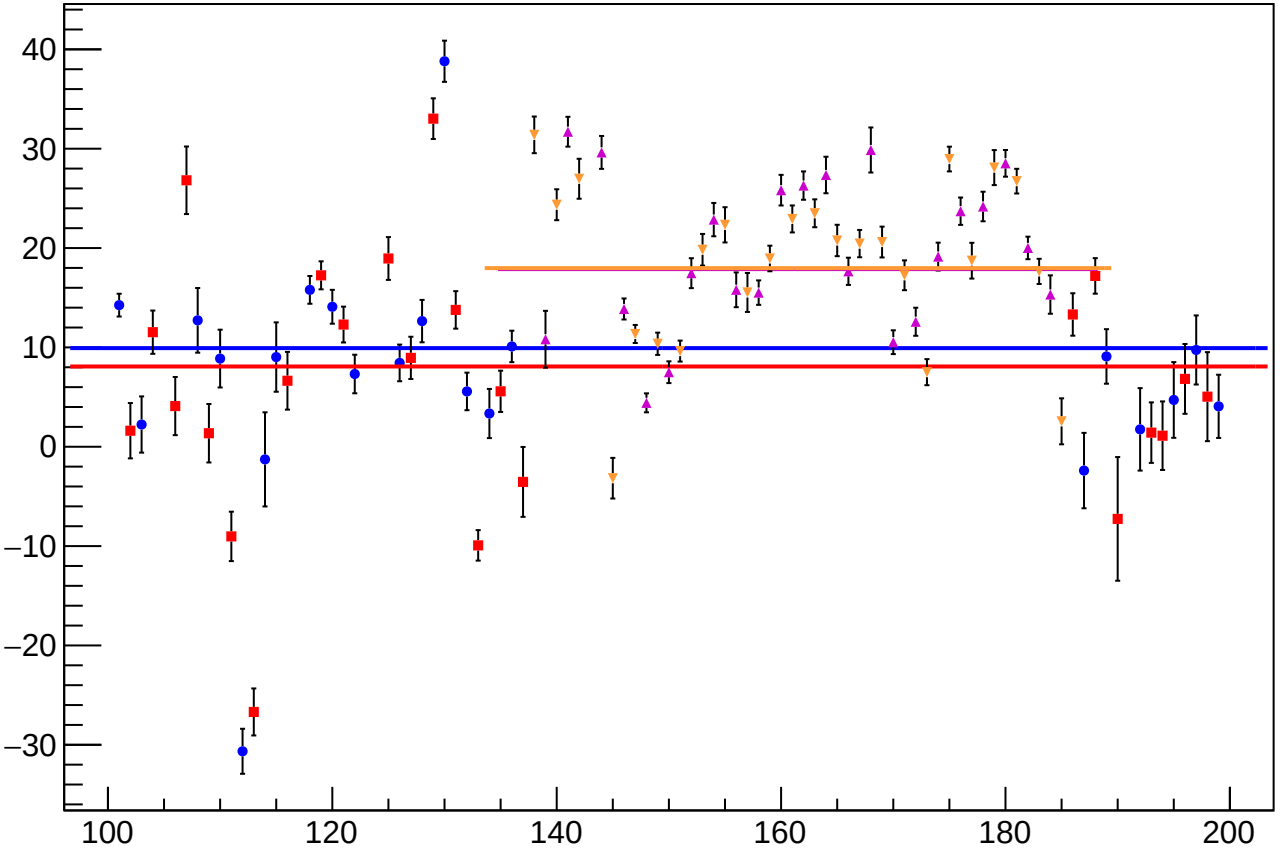
Right: 92.145+/-0.339 χ^2/NDF: 10031.8/45

In: 69.591+/-0.282 χ^2/NDF:8877.7/44

Out: 73.235+/-0.263 χ^2/NDF:11638.2/47

All: 71.536+/-0.192 χ^2/NDF: 20605.1/92

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.928+/-0.464 χ^2/NDF: 602.7/21

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 8.079+/-0.471 χ^2/NDF: 737.2/23

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

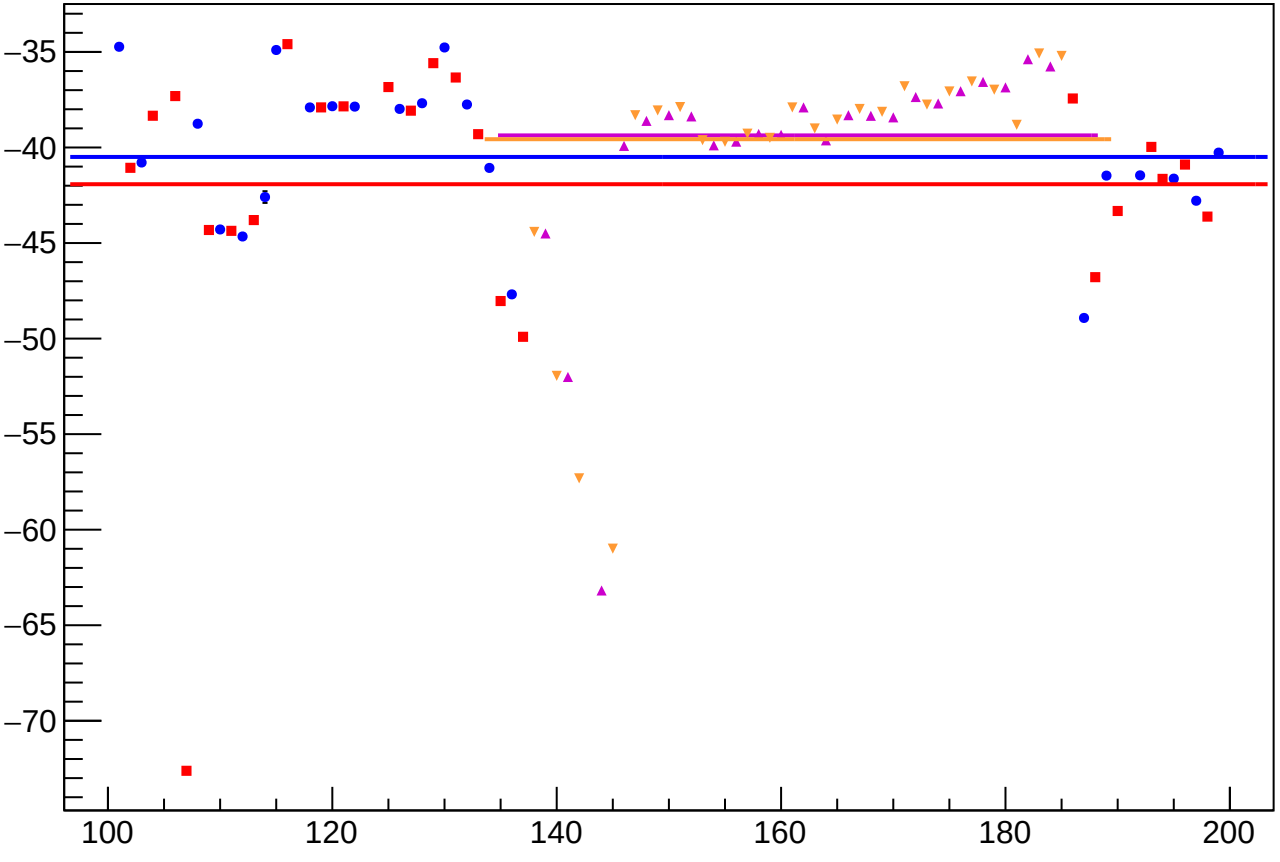
Right: 9.018+/-0.331 χ^2/NDF: 1347.7/45

In: 15.630+/-0.247 χ^2/NDF:1544.1/44

Out: 15.250+/-0.247 χ^2/NDF:1731.5/47

All: 15.441+/-0.175 χ^2/NDF: 3276.7/92

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.495+/-0.024 χ^2/NDF: 27464.2/21

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.922+/-0.024 χ^2/NDF: 64597.4/23

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

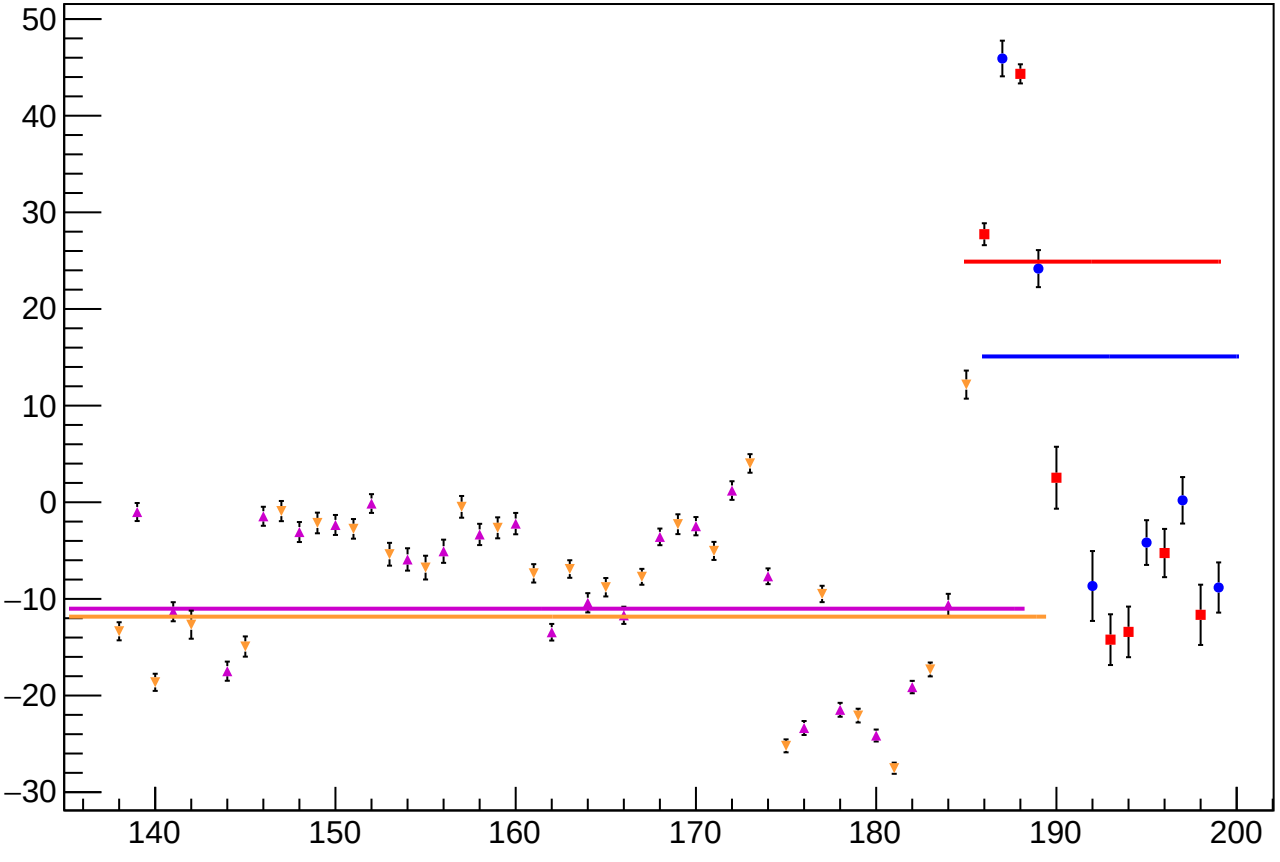
Right: -41.223+/-0.017 χ^2/NDF: 93795.8/45

In: -39.632+/-0.012 χ^2/NDF:147044.2/44

Out: -40.148+/-0.012 χ^2/NDF:213006.4/47

All: -39.889+/-0.008 χ^2/NDF: 360993.7/92

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 15.088+/-0.932 χ^2/NDF: 537.2/5

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 24.899+/-0.639 χ^2/NDF: 1159.1/6

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

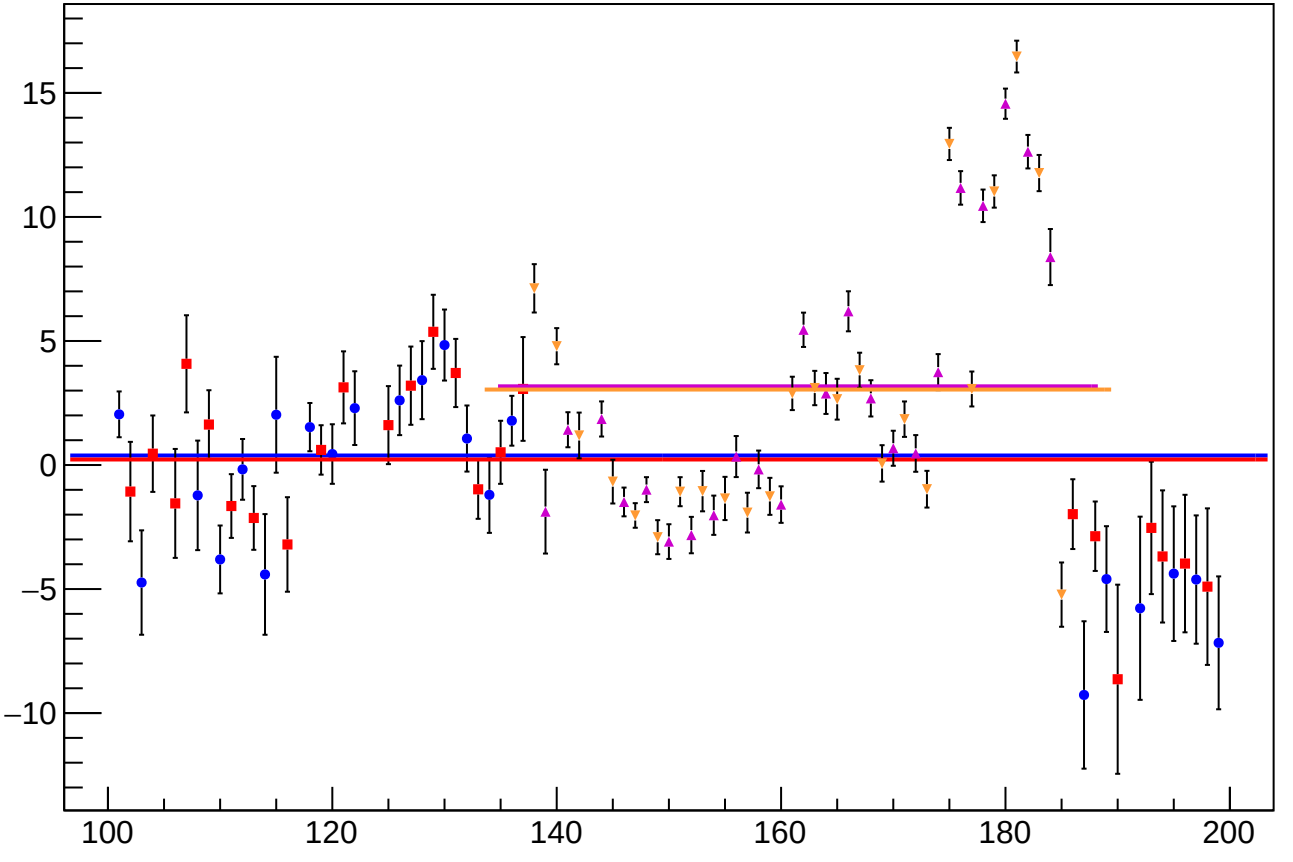
Right: 21.763+/-0.527 χ^2/NDF: 1771.6/12

In: -10.003+/-0.184 χ^2/NDF:3407.0/28

Out: -8.946+/-0.179 χ^2/NDF:6945.4/30

All: -9.462+/-0.128 χ^2/NDF: 10369.4/59

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.384+/-0.323 χ^2/NDF: 79.5/21

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.223+/-0.323 χ^2/NDF: 65.4/23

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

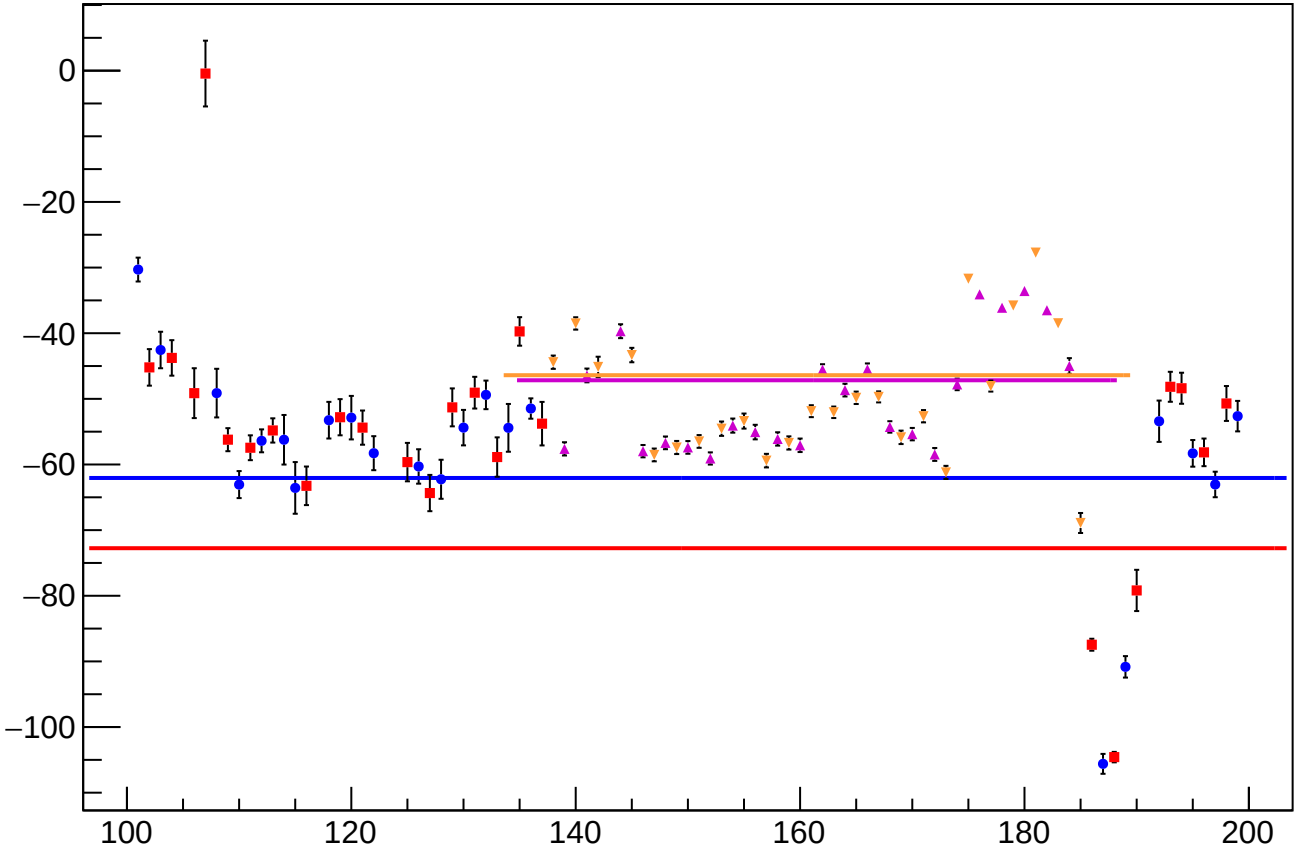
Right: 0.303+/-0.229 χ^2/NDF: 145.0/45

In: 2.680+/-0.136 χ^2/NDF:1438.7/44

Out: 2.555+/-0.134 χ^2/NDF:1580.9/47

All: 2.617+/-0.096 χ^2/NDF: 3020.0/92

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.054+/-0.484 χ^2/NDF: 1655.3/21

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -72.754+/-0.401 χ^2/NDF: 3481.8/23

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

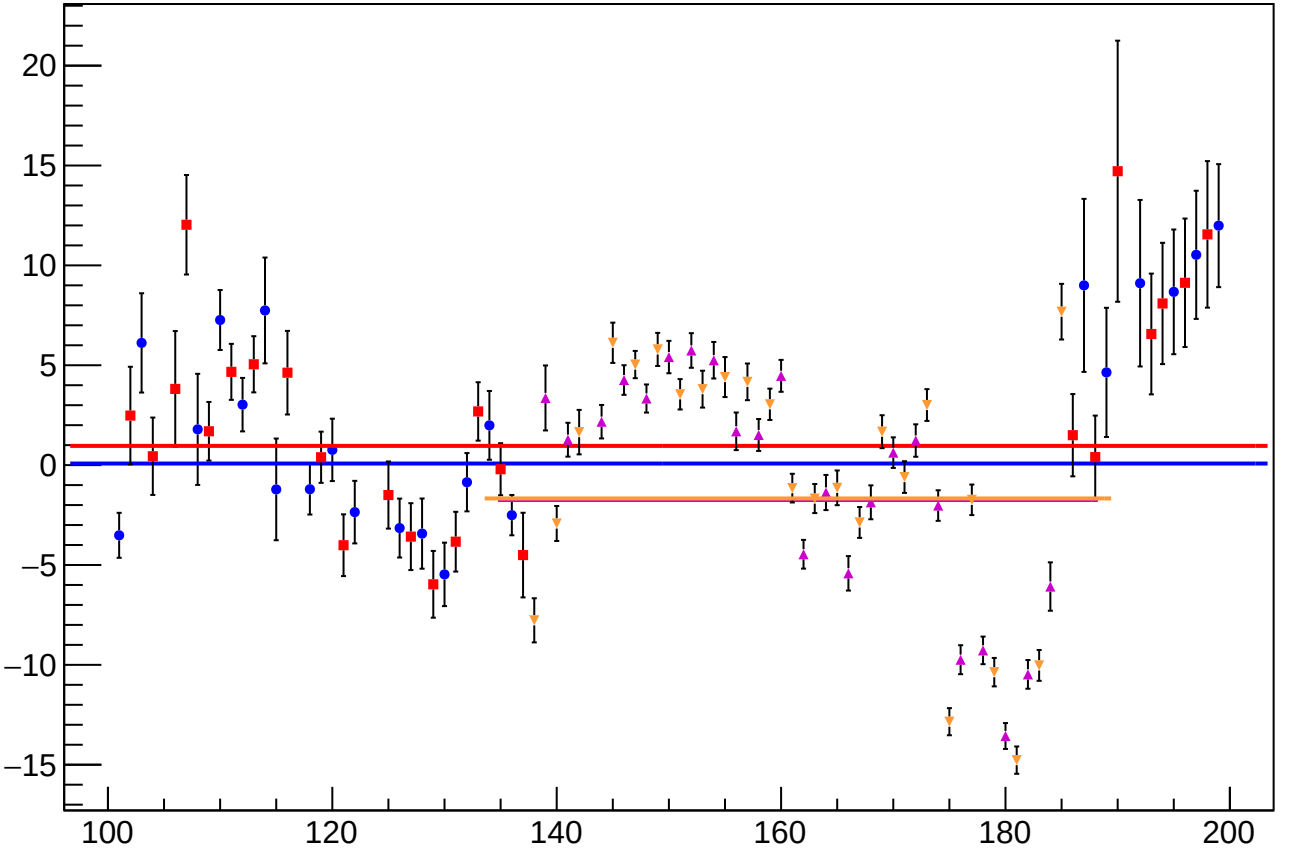
Right: -68.402+/-0.308 χ^2/NDF: 5427.4/45

In: -49.096+/-0.174 χ^2/NDF:5005.9/44

Out: -51.096+/-0.169 χ^2/NDF:10329.6/47

All: -50.124+/-0.121 χ^2/NDF: 15403.5/92

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.079+/-0.370 χ^2/NDF: 129.8/21

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.963+/-0.375 χ^2/NDF: 124.6/23

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

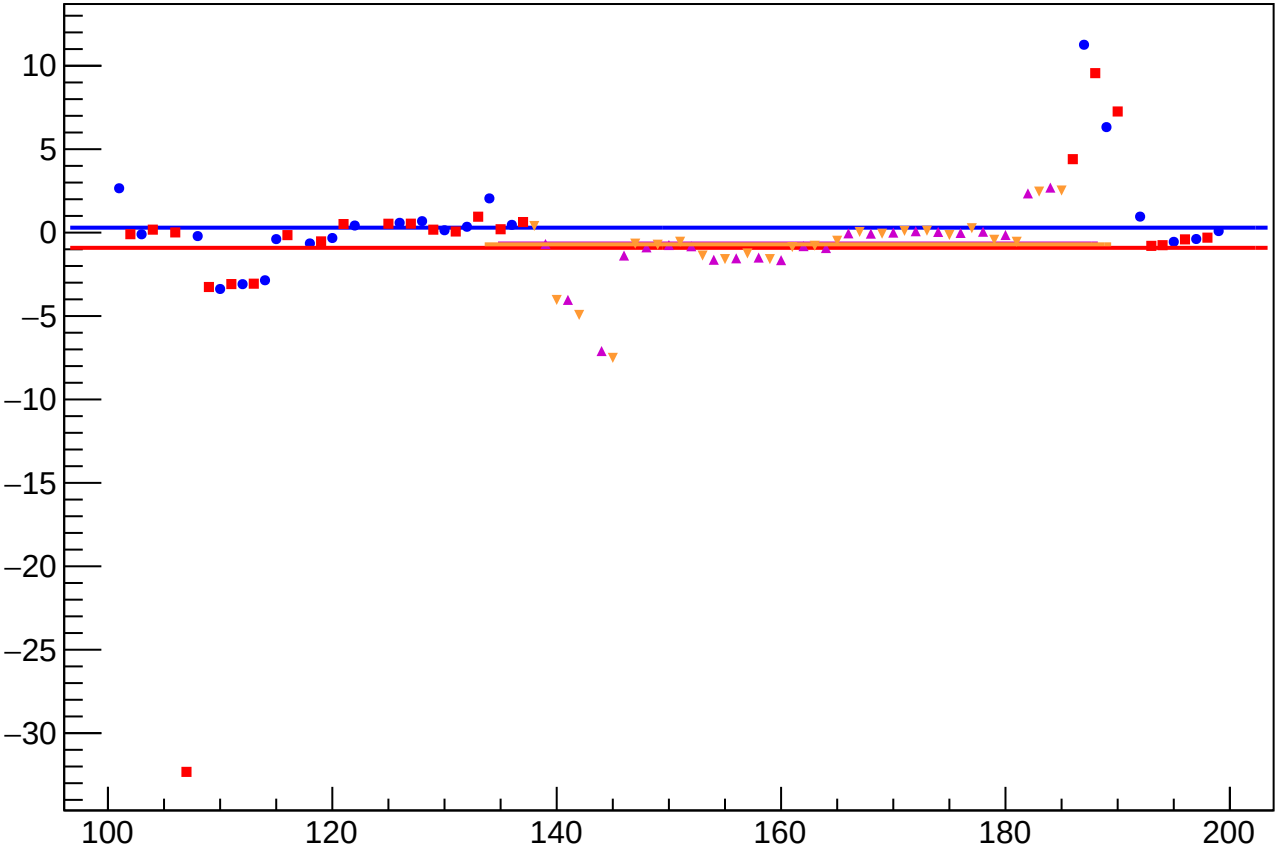
Right: 0.516+/-0.263 χ^2/NDF: 257.2/45

In: -1.433+/-0.153 χ^2/NDF:1404.0/44

Out: -1.232+/-0.153 χ^2/NDF:1645.1/47

All: -1.332+/-0.108 χ^2/NDF: 3050.0/92

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.296+/-0.020 χ^2/NDF: 9437.0/21

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.912+/-0.019 χ^2/NDF: 92134.7/23

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

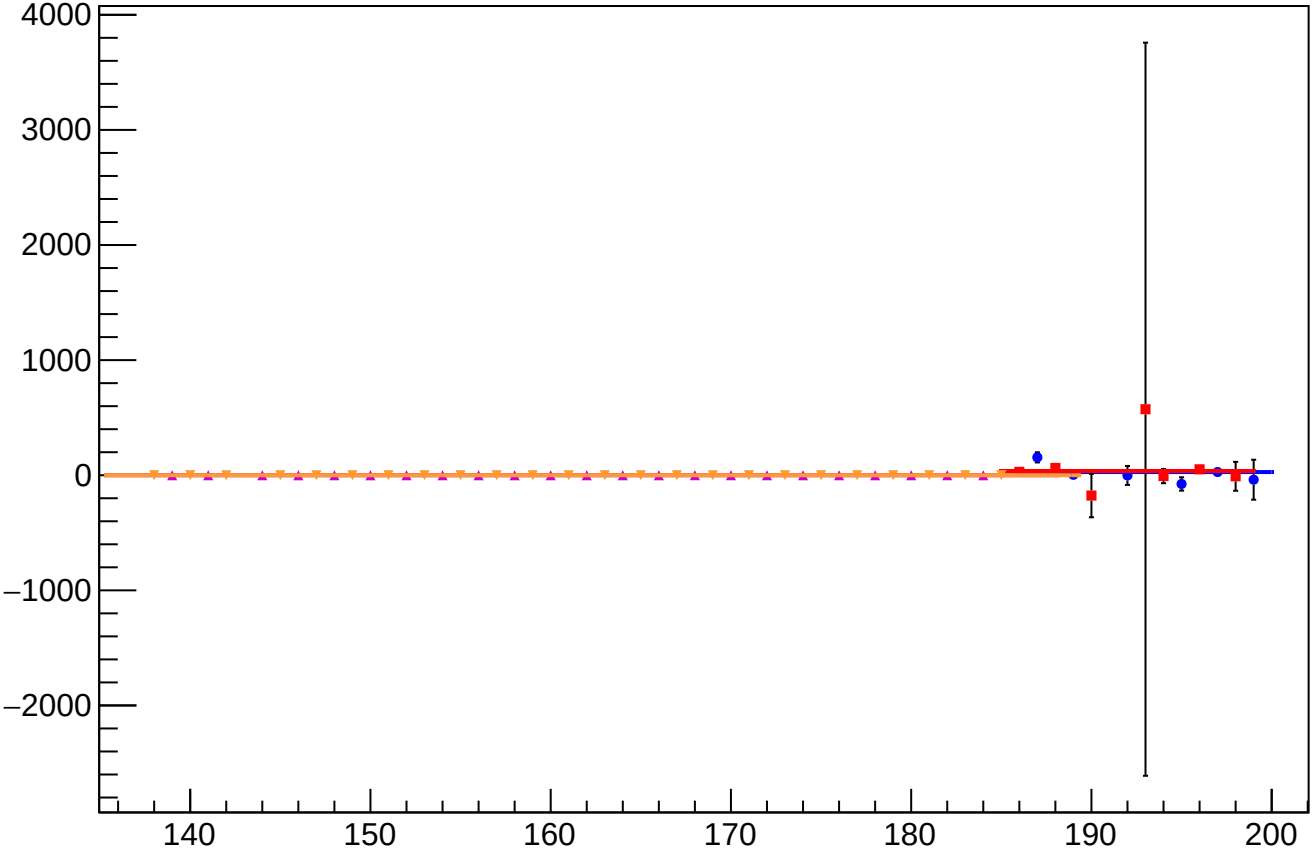
Right: -0.314+/-0.014 χ^2/NDF: 103504.6/45

In: -0.526+/-0.007 χ^2/NDF:55646.0/44

Out: -0.731+/-0.007 χ^2/NDF:146006.5/47

All: -0.628+/-0.005 χ^2/NDF: 202068.6/92

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.601+/-19.136 χ^2/NDF: 12.5/5

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 36.727+/-9.979 χ^2/NDF: 4.0/6

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

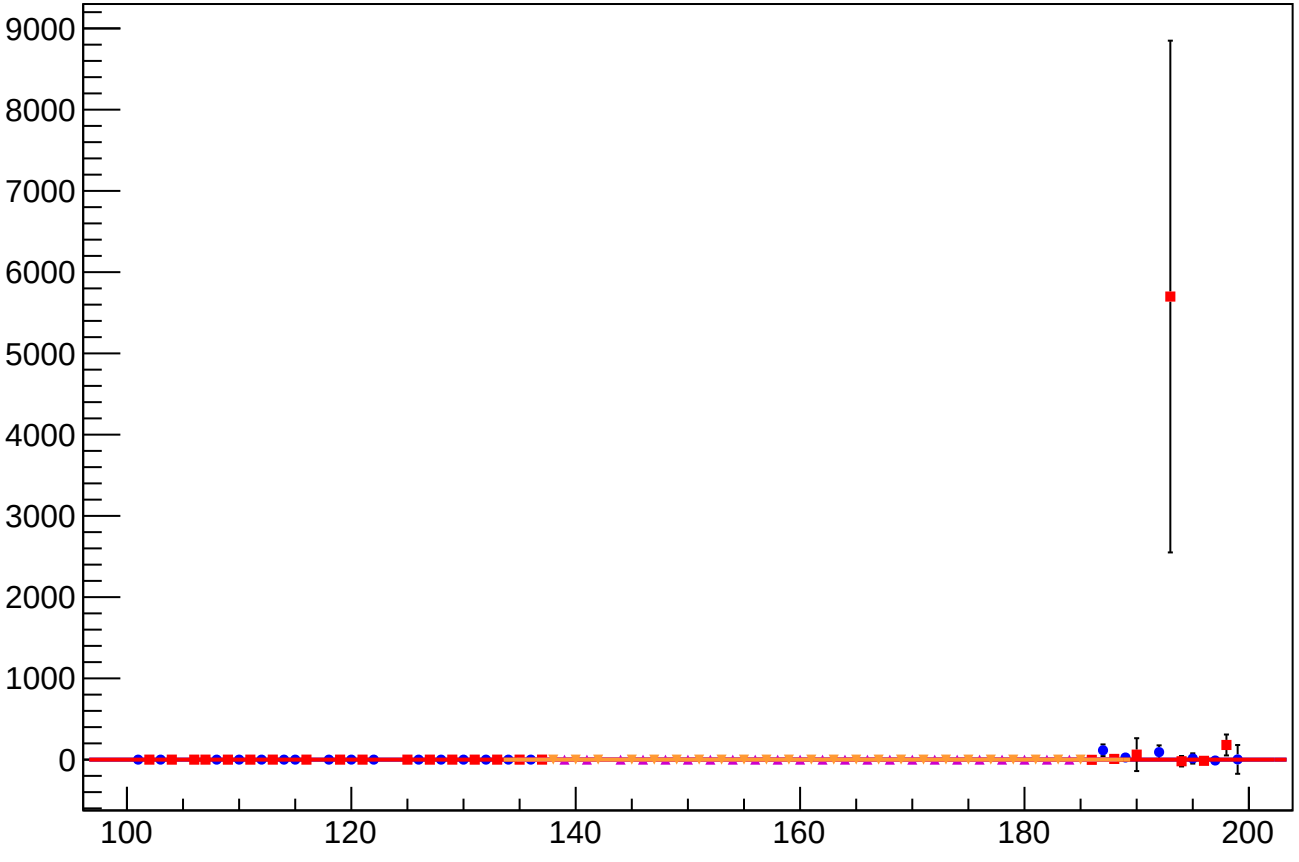
Right: 34.776+/-8.848 χ^2/NDF: 16.7/12

In: -0.009+/-0.018 χ^2/NDF:49.8/28

Out: -0.038+/-0.018 χ^2/NDF:53.2/30

All: -0.024+/-0.013 χ^2/NDF: 104.3/59

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 16.7/21

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 14.8/23

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

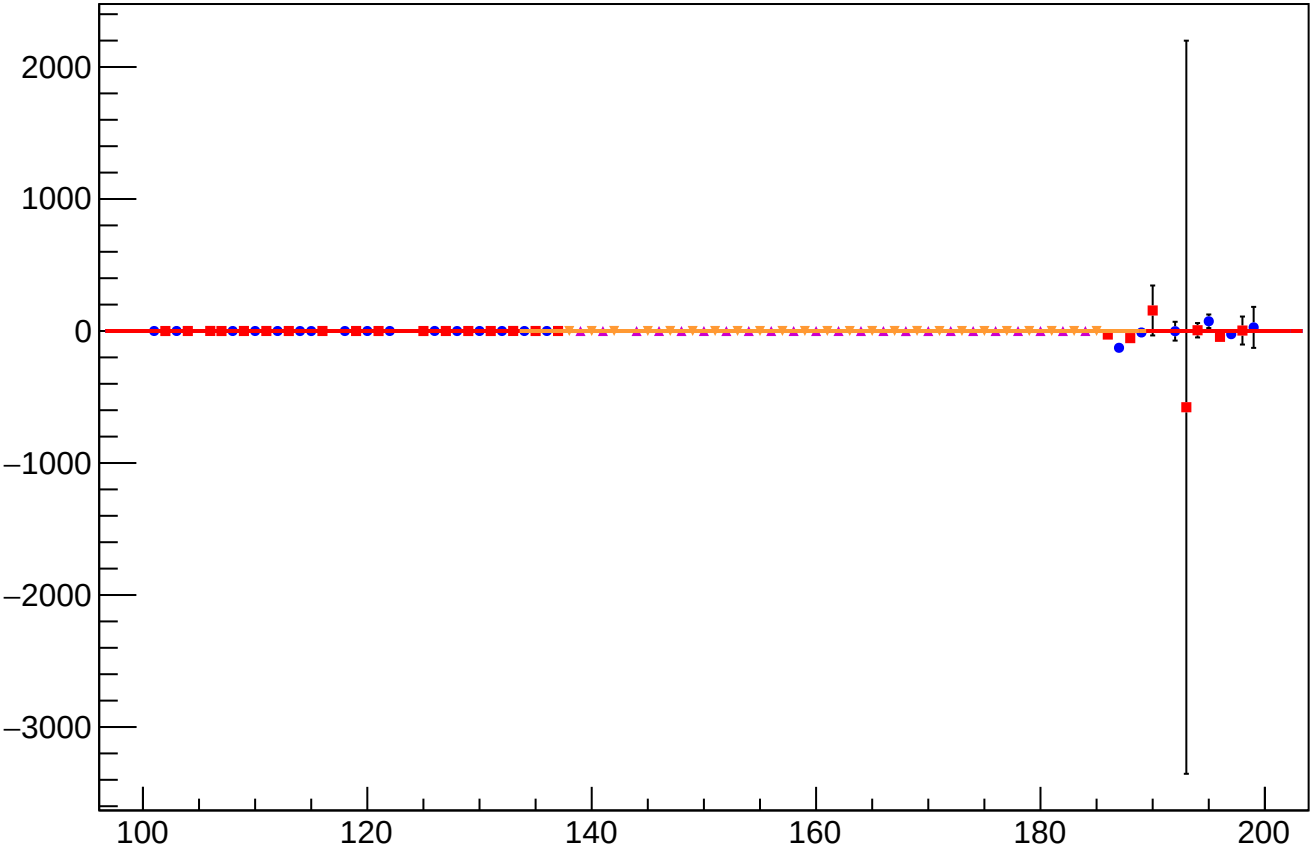
Right: -0.050+/-0.017 χ^2/NDF: 37.0/45

In: -0.051+/-0.012 χ^2/NDF:60.8/44

Out: -0.078+/-0.012 χ^2/NDF:43.1/47

All: -0.064+/-0.009 χ^2/NDF: 106.3/92

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 24.8/21

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 28.3/23

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

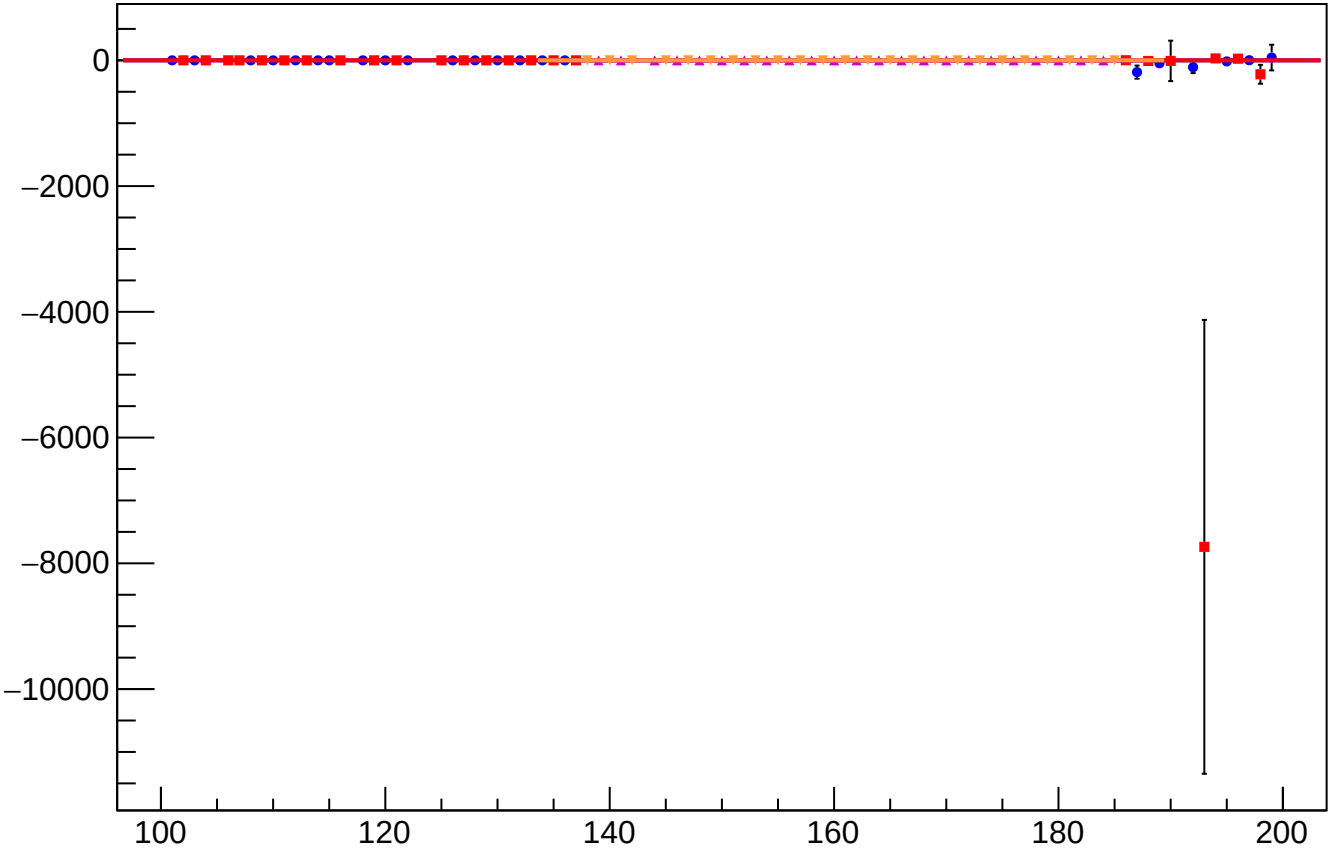
Right: 0.023+/-0.031 χ^2/NDF: 53.2/45

In: -0.006+/-0.017 χ^2/NDF:62.2/44

Out: 0.035+/-0.017 χ^2/NDF:60.7/47

All: 0.014+/-0.012 χ^2/NDF: 126.0/92

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 17.5/21

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 15.1/23

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

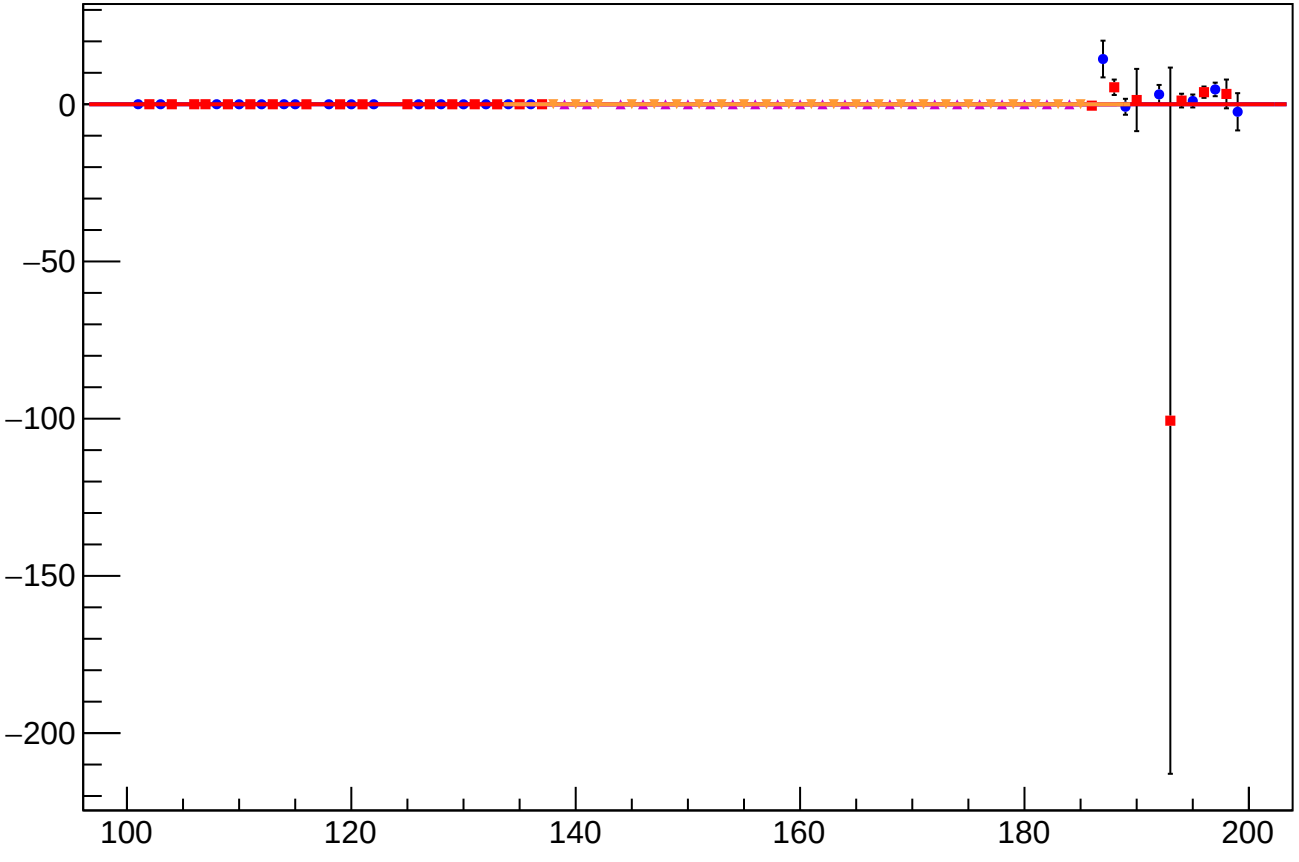
Right: 0.055+/-0.020 χ^2/NDF: 39.5/45

In: 0.054+/-0.014 χ^2/NDF:65.7/44

Out: 0.092+/-0.014 χ^2/NDF:43.4/47

All: 0.073+/-0.010 χ^2/NDF: 112.7/92

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 35.1/21

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 34.8/23

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

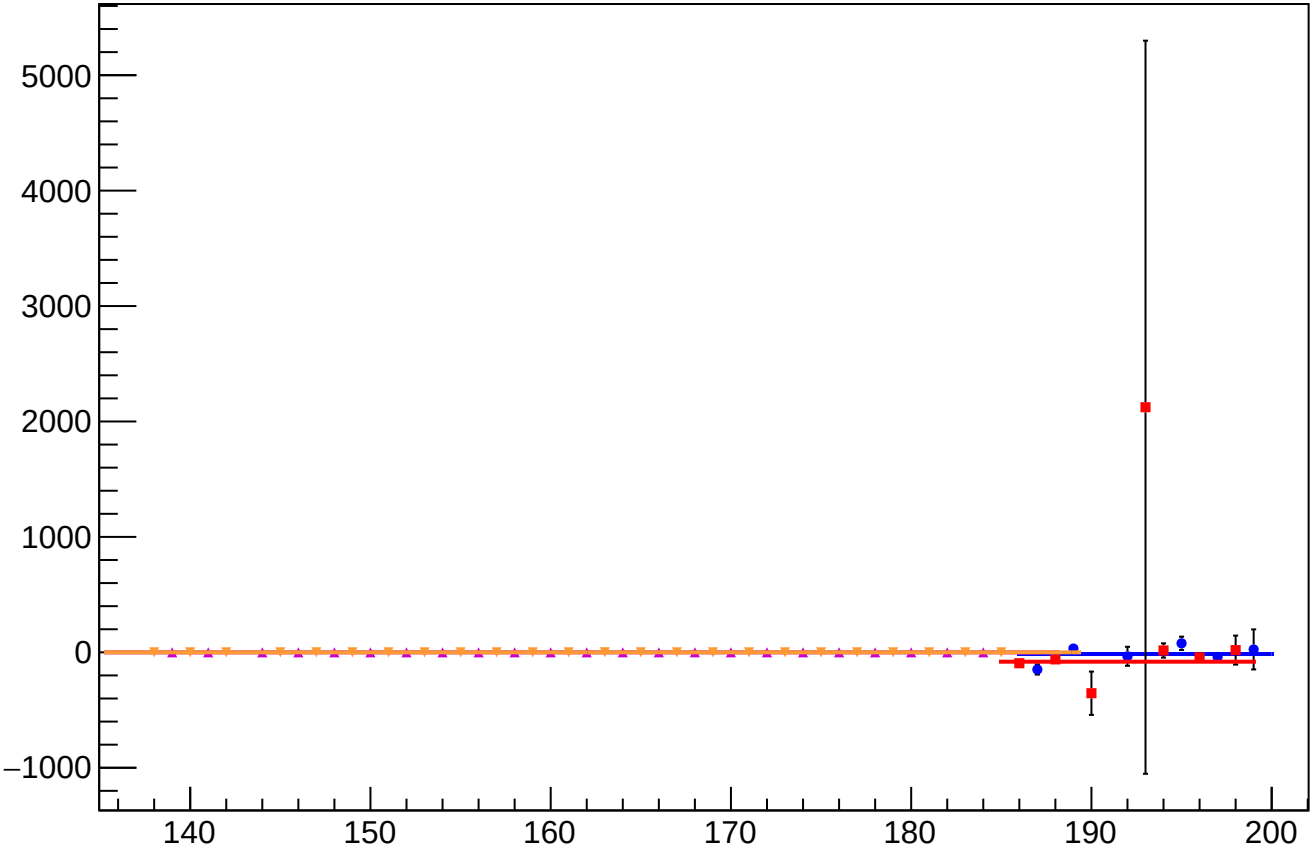
Right: -0.005+/-0.001 χ^2/NDF: 70.2/45

In: -0.001+/-0.001 χ^2/NDF:69.6/44

Out: -0.001+/-0.001 χ^2/NDF:66.6/47

All: -0.001+/-0.000 χ^2/NDF: 136.4/92

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.572+/-19.123 χ^2/NDF: 14.9/5

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -81.127+/-9.982 χ^2/NDF: 8.7/6

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

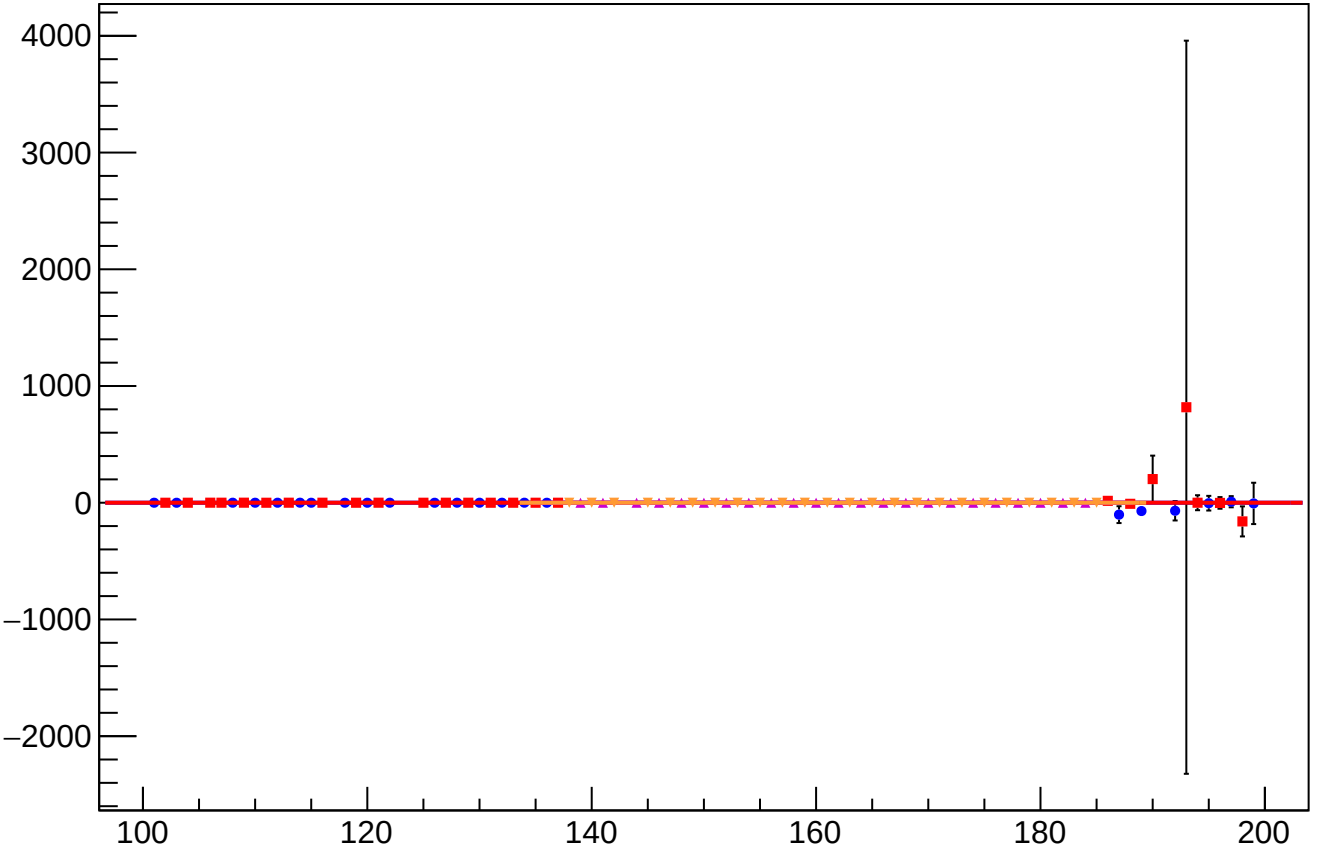
Right: -66.876+/-8.849 χ^2/NDF: 33.1/12

In: -0.010+/-0.018 χ^2/NDF:48.7/28

Out: -0.052+/-0.018 χ^2/NDF:111.9/30

All: -0.031+/-0.013 χ^2/NDF: 163.4/59

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 32.8/21

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 31.0/23

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

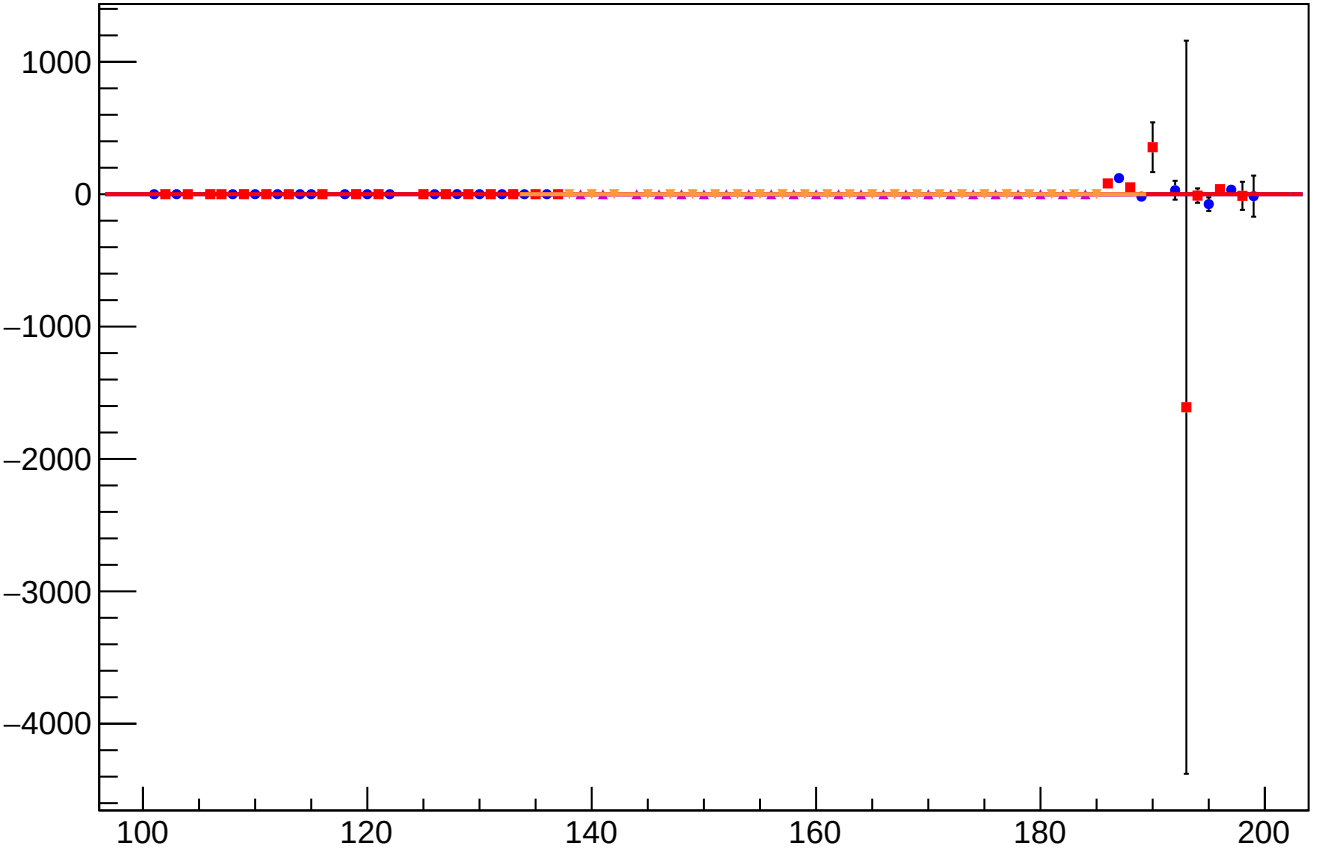
Right: 0.024+/-0.017 χ^2/NDF: 64.5/45

In: 0.006+/-0.012 χ^2/NDF:83.1/44

Out: 0.002+/-0.012 χ^2/NDF:63.6/47

All: 0.004+/-0.009 χ^2/NDF: 146.7/92

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 43.8/21

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 96.5/23

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

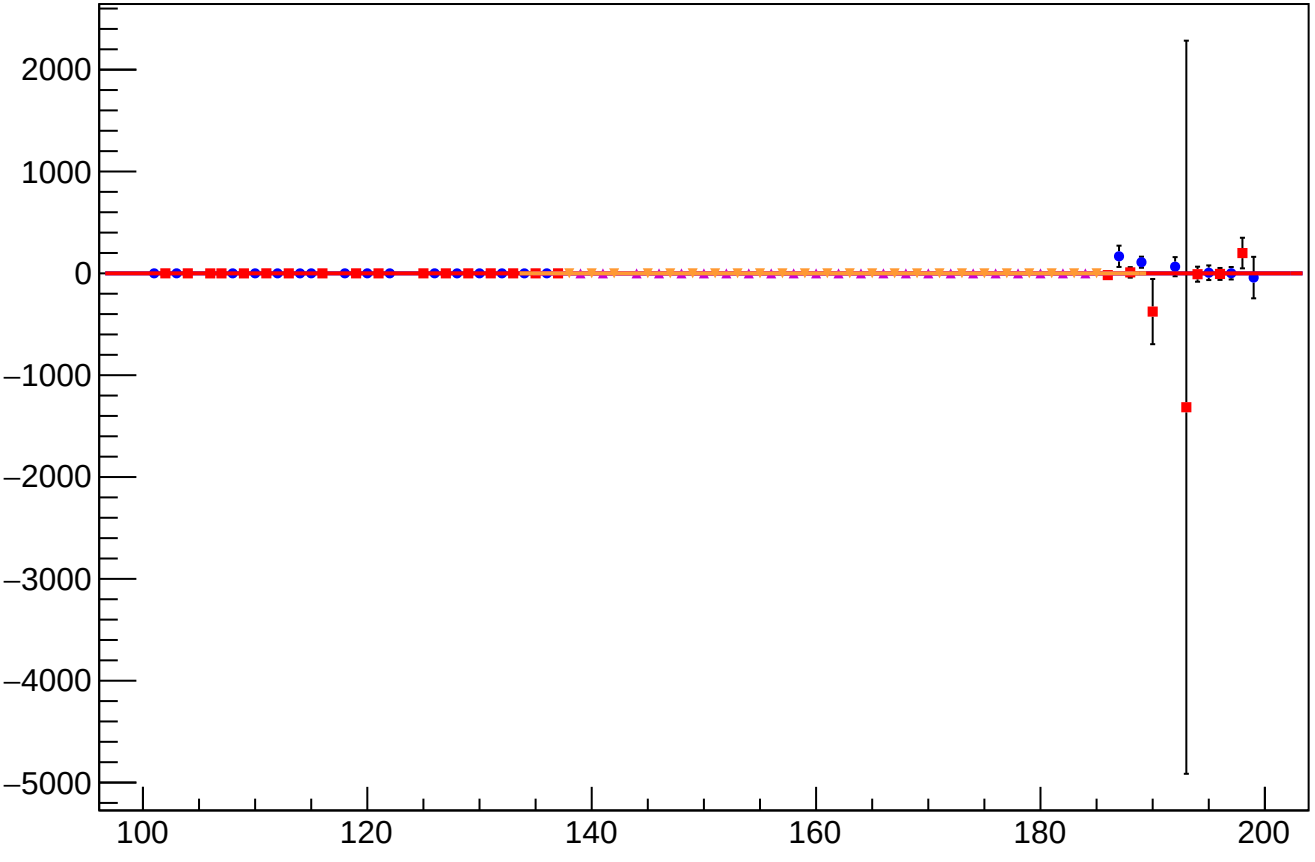
Right: 0.177+/-0.031 χ^2/NDF: 141.0/45

In: 0.041+/-0.017 χ^2/NDF:85.8/44

Out: 0.069+/-0.017 χ^2/NDF:142.2/47

All: 0.055+/-0.012 χ^2/NDF: 229.5/92

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 32.3/21

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 29.0/23

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

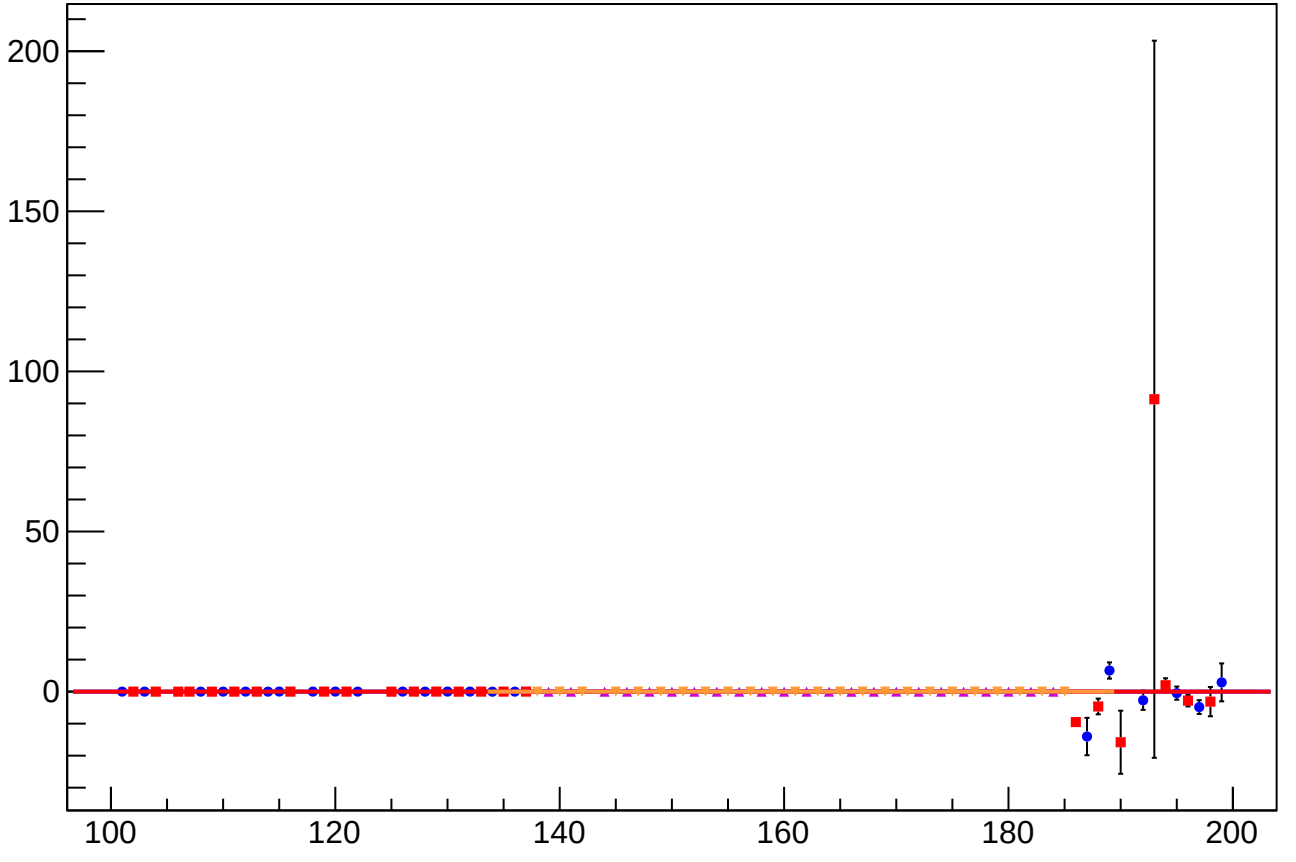
Right: -0.030+/-0.020 χ^2/NDF: 62.2/45

In: 0.002+/-0.014 χ^2/NDF:83.4/44

Out: 0.004+/-0.014 χ^2/NDF:66.8/47

All: 0.003+/-0.010 χ^2/NDF: 150.3/92

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 47.6/21

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 68.3/23

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

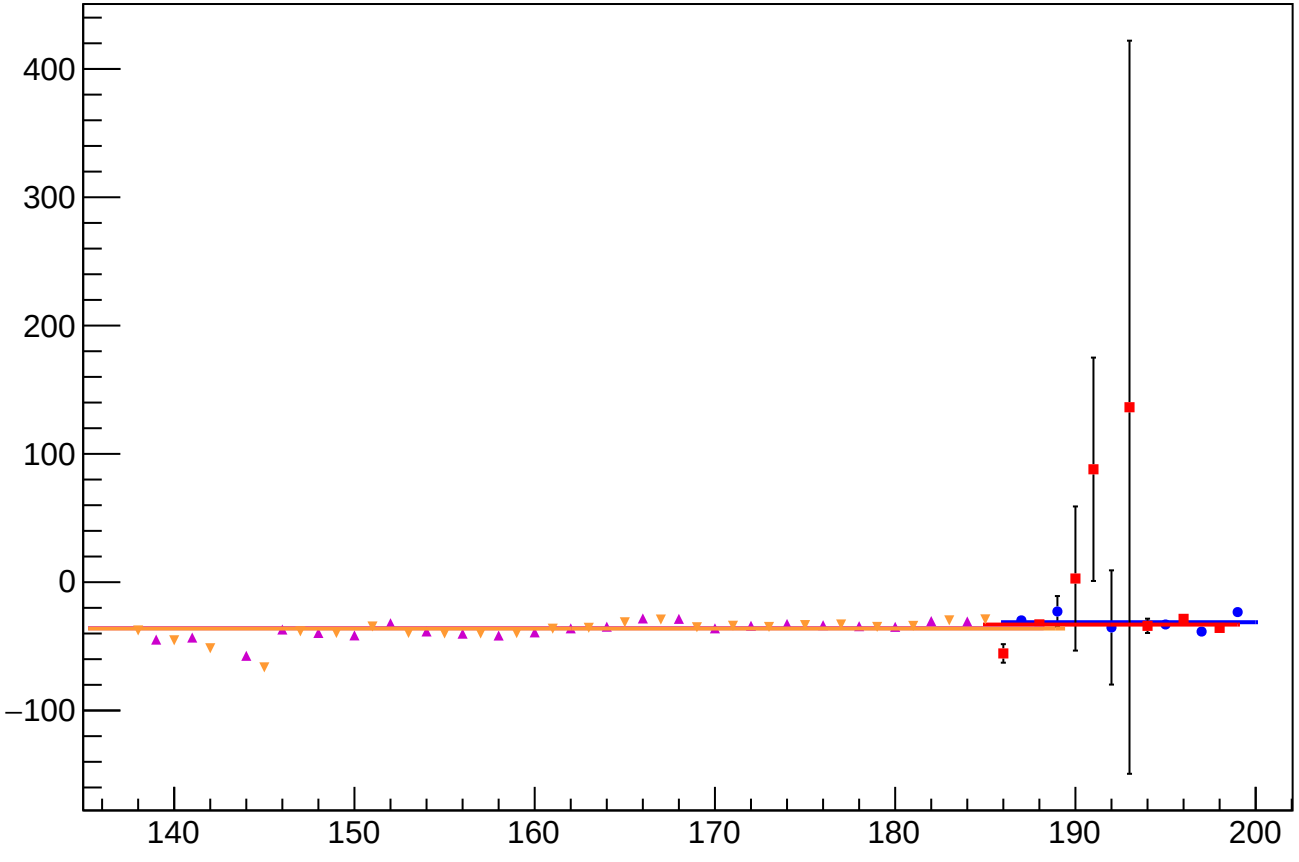
Right: -0.006+/-0.001 χ^2/NDF: 115.9/45

In: -0.008+/-0.001 χ^2/NDF:89.7/44

Out: -0.008+/-0.001 χ^2/NDF:101.9/47

All: -0.008+/-0.000 χ^2/NDF: 191.8/92

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.199+/-1.224 χ^2/NDF: 15.3/5

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -33.039+/-1.009 χ^2/NDF: 15.5/7

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

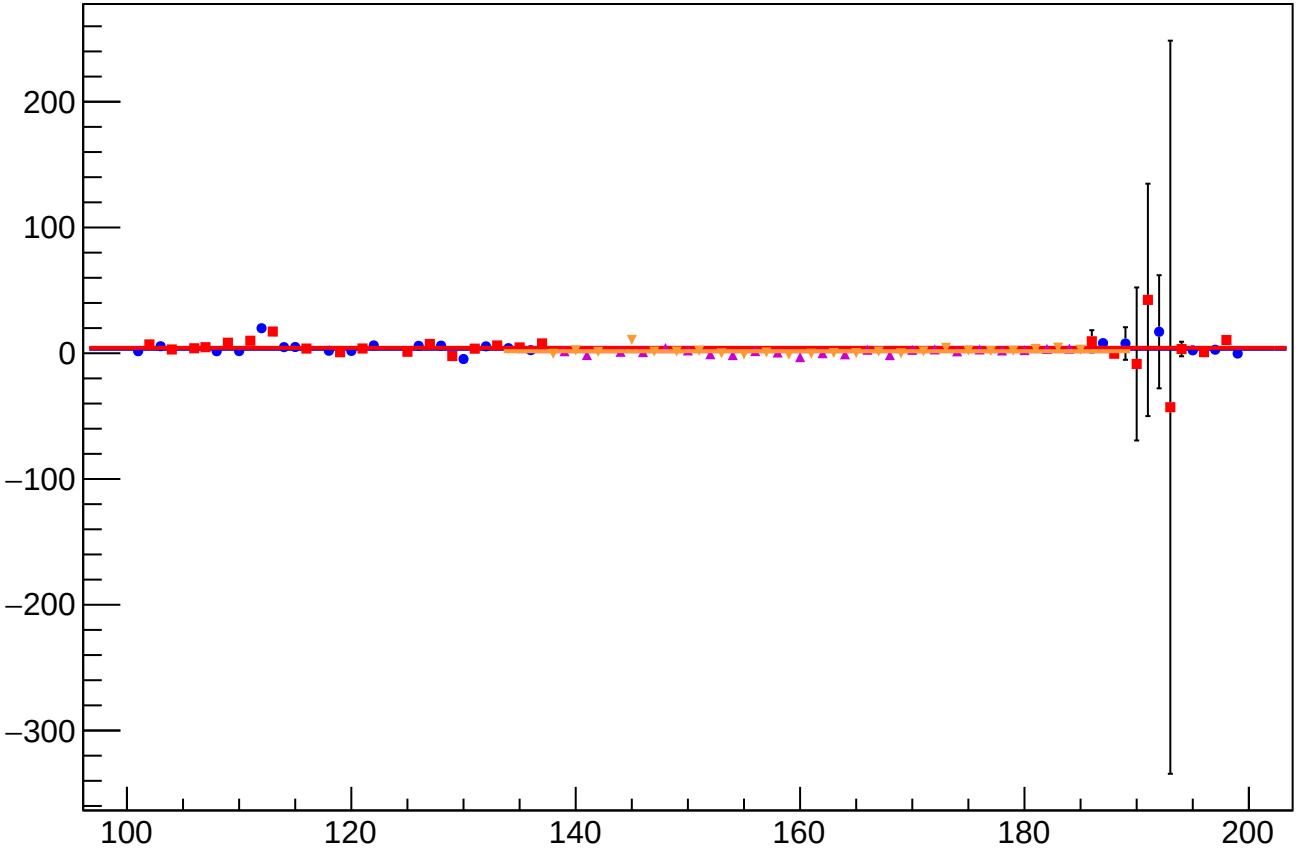
Right: -32.295+/-0.778 χ^2/NDF: 32.1/13

In: -35.758+/-0.188 χ^2/NDF:916.6/28

Out: -36.003+/-0.189 χ^2/NDF:1142.8/31

All: -35.880+/-0.133 χ^2/NDF: 2060.2/60

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.528+/-0.215 χ^2/NDF: 450.6/21

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.304+/-0.223 χ^2/NDF: 362.4/24

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

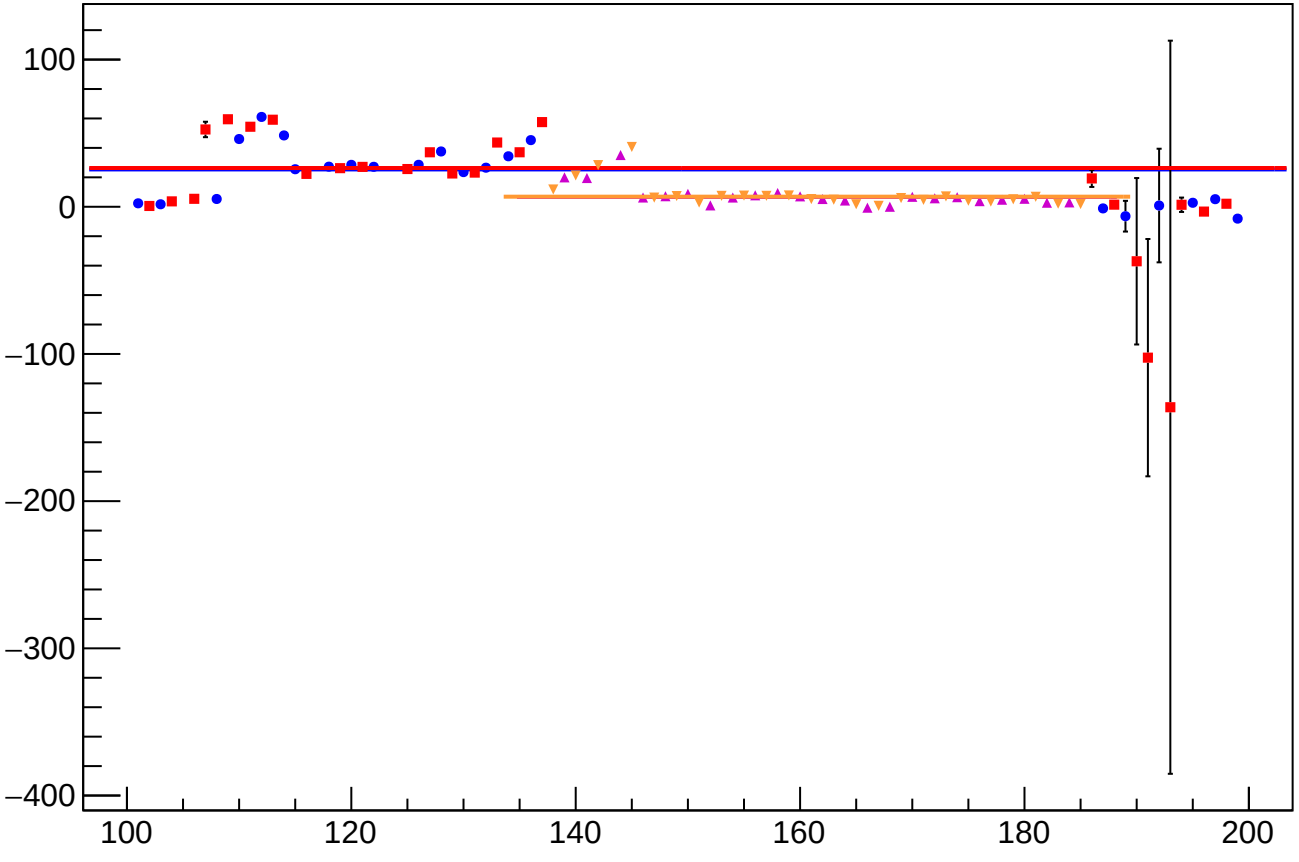
Right: 3.903+/-0.155 χ^2/NDF: 819.2/46

In: 2.257+/-0.123 χ^2/NDF:666.3/44

Out: 2.449+/-0.123 χ^2/NDF:629.0/48

All: 2.352+/-0.087 χ^2/NDF: 1296.6/93

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.365+/-0.386 χ^2/NDF: 2218.6/21

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 26.336+/-0.377 χ^2/NDF: 2806.6/24

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

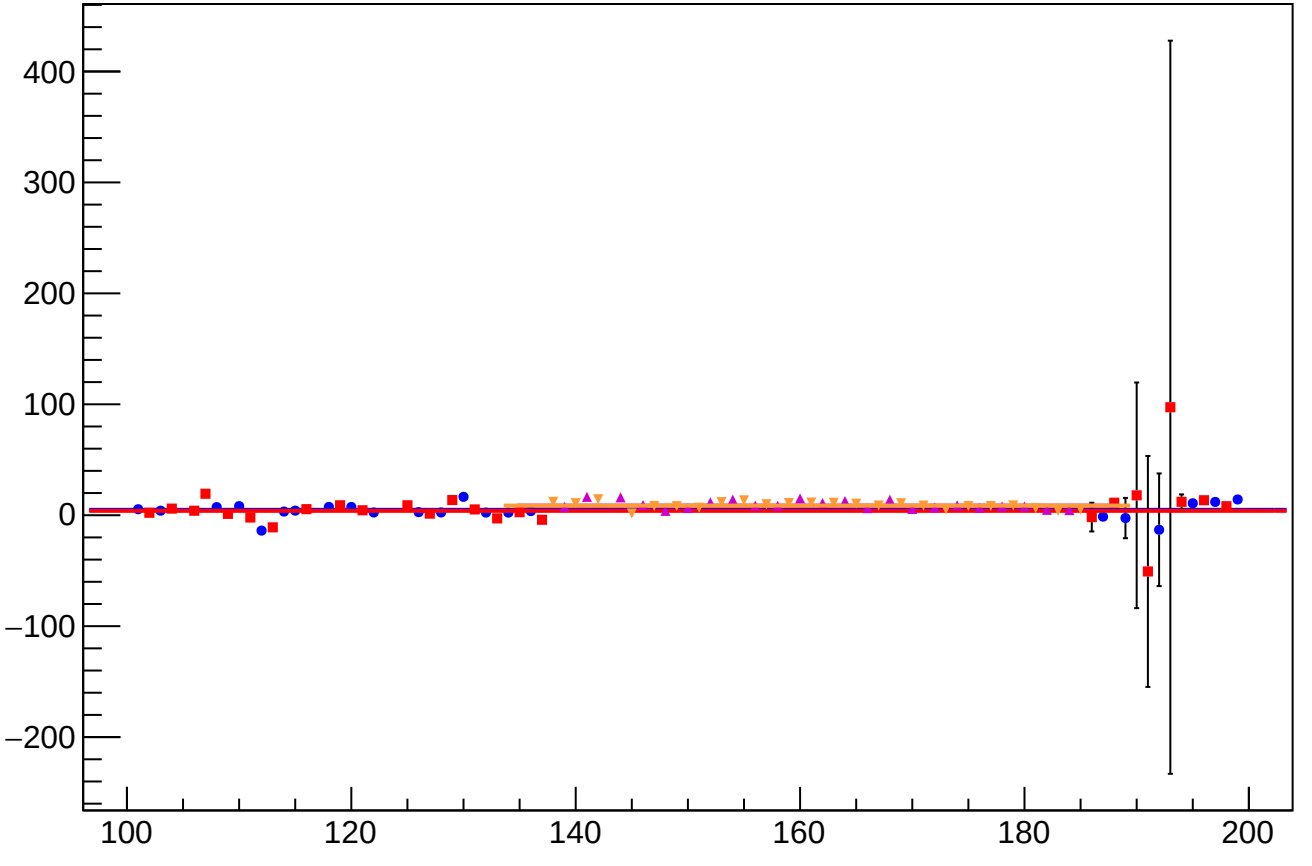
Right: 25.863+/-0.270 χ^2/NDF: 5028.5/46

In: 10.282+/-0.170 χ^2/NDF:5190.0/44

Out: 10.853+/-0.171 χ^2/NDF:6231.7/48

All: 10.567+/-0.121 χ^2/NDF: 11427.4/93

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.872+/-0.249 χ^2/NDF: 569.2/21

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.953+/-0.256 χ^2/NDF: 583.1/24

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

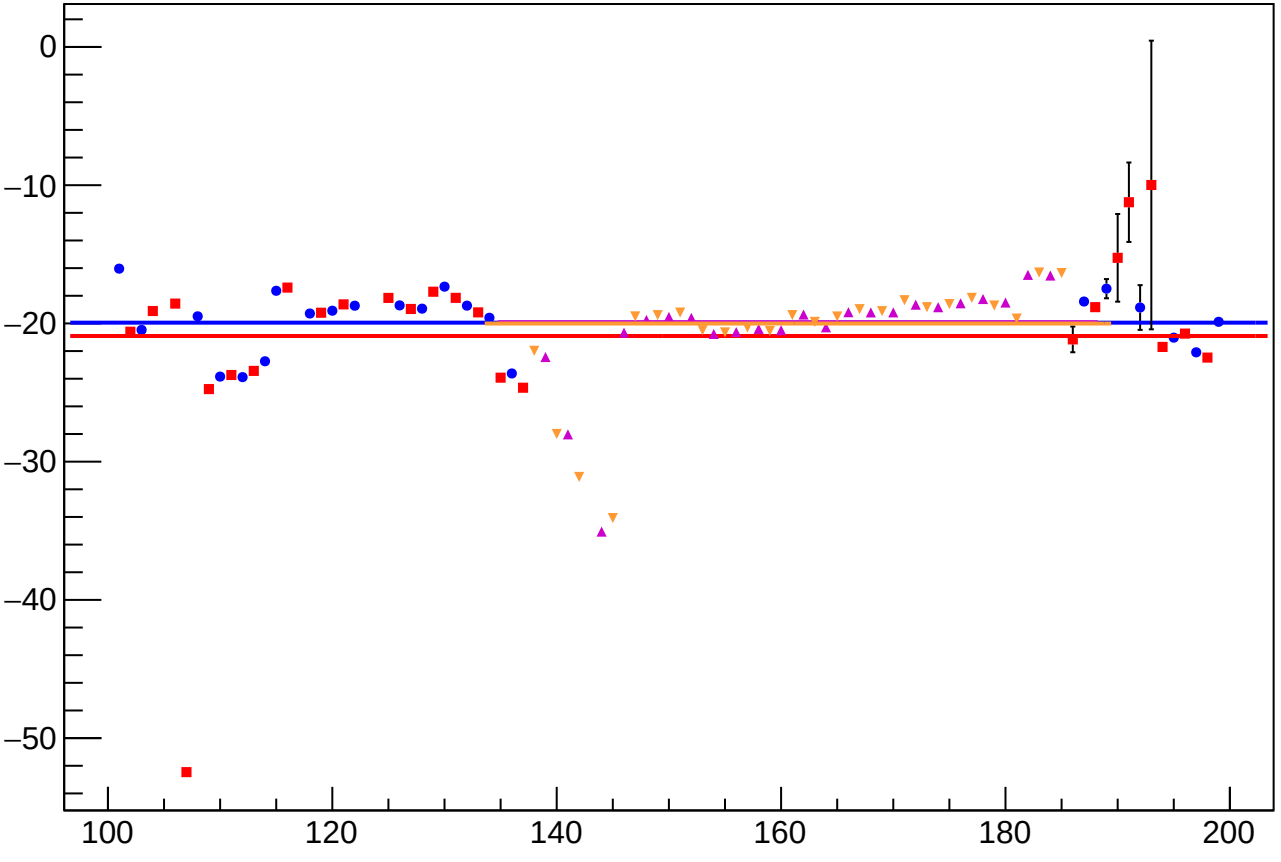
Right: 4.426+/-0.179 χ^2/NDF: 1158.9/46

In: 7.458+/-0.140 χ^2/NDF:1165.1/44

Out: 7.261+/-0.141 χ^2/NDF:1062.8/48

All: 7.360+/-0.099 χ^2/NDF: 2228.9/93

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.944+/-0.015 χ^2/NDF: 26552.6/21

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.910+/-0.015 χ^2/NDF: 93164.5/24

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

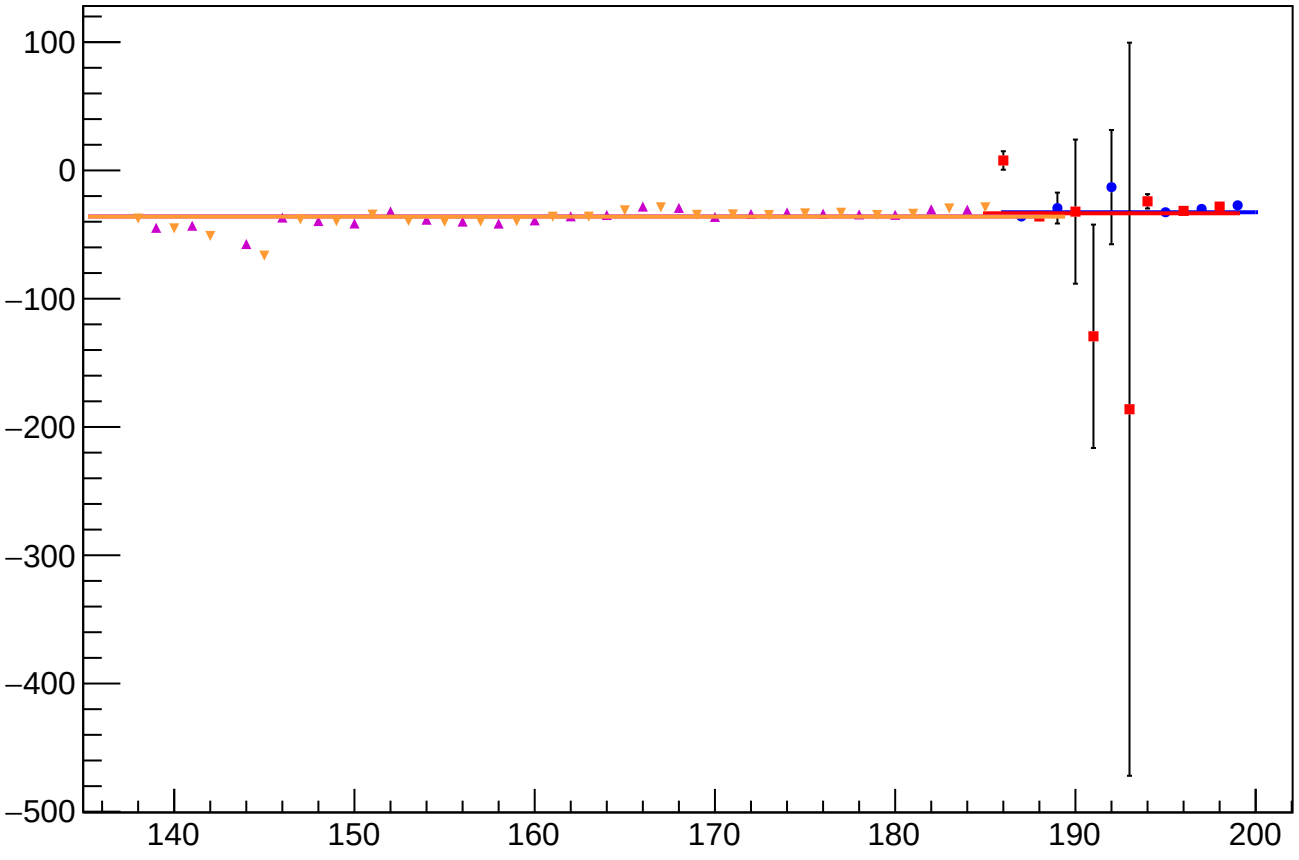
Right: -20.420+/-0.011 χ^2/NDF: 121731.6/46

In: -19.919+/-0.007 χ^2/NDF:172043.5/44

Out: -20.196+/-0.007 χ^2/NDF:267558.4/48

All: -20.056+/-0.005 χ^2/NDF: 440391.1/93

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.608+/-1.228 χ^2/NDF: 7.2/5

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -33.424+/-1.012 χ^2/NDF: 44.2/7

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

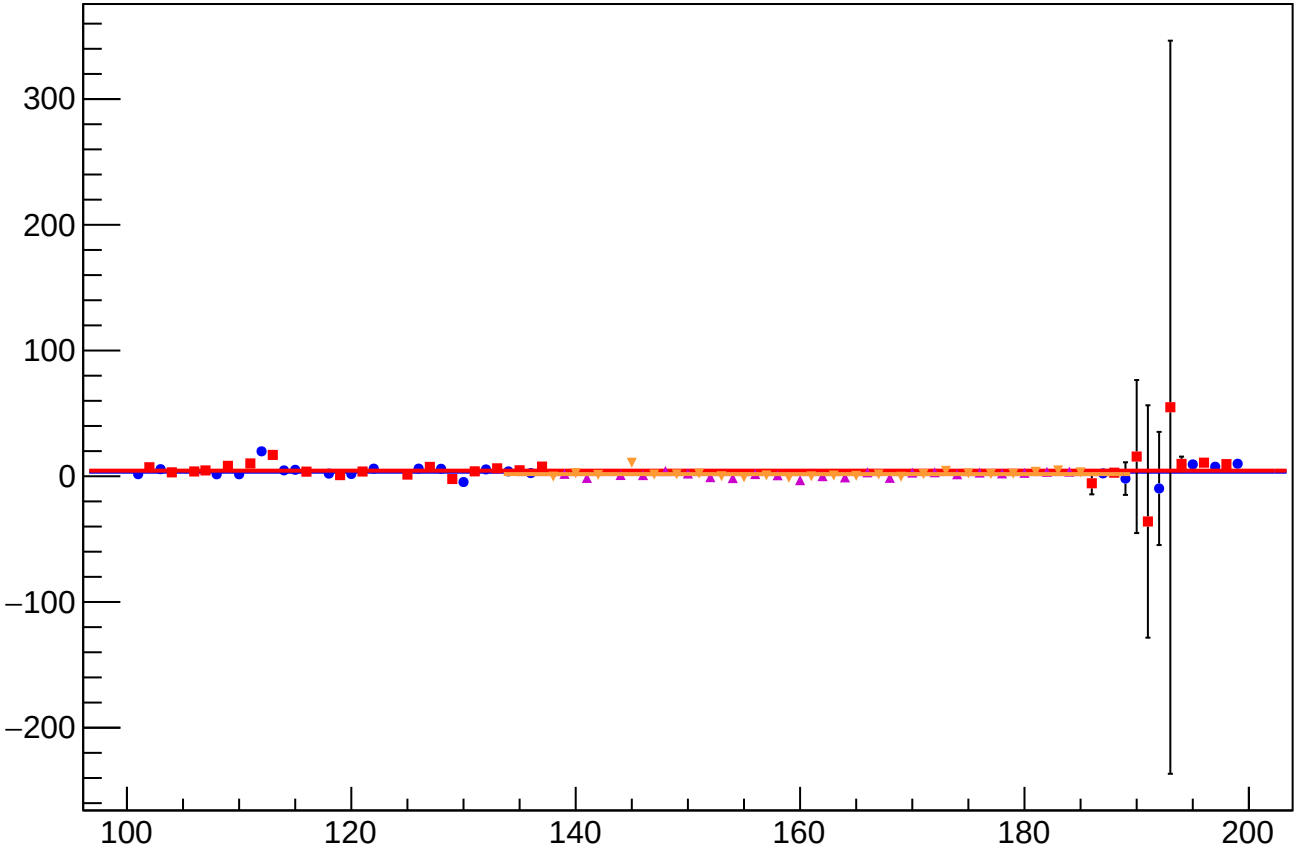
Right: -33.094+/-0.781 χ^2/NDF: 51.6/13

In: -35.779+/-0.188 χ^2/NDF:889.9/28

Out: -35.929+/-0.188 χ^2/NDF:1175.9/31

All: -35.854+/-0.133 χ^2/NDF: 2066.1/60

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.602+/-0.215 χ^2/NDF: 452.8/21

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.460+/-0.222 χ^2/NDF: 353.0/24

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

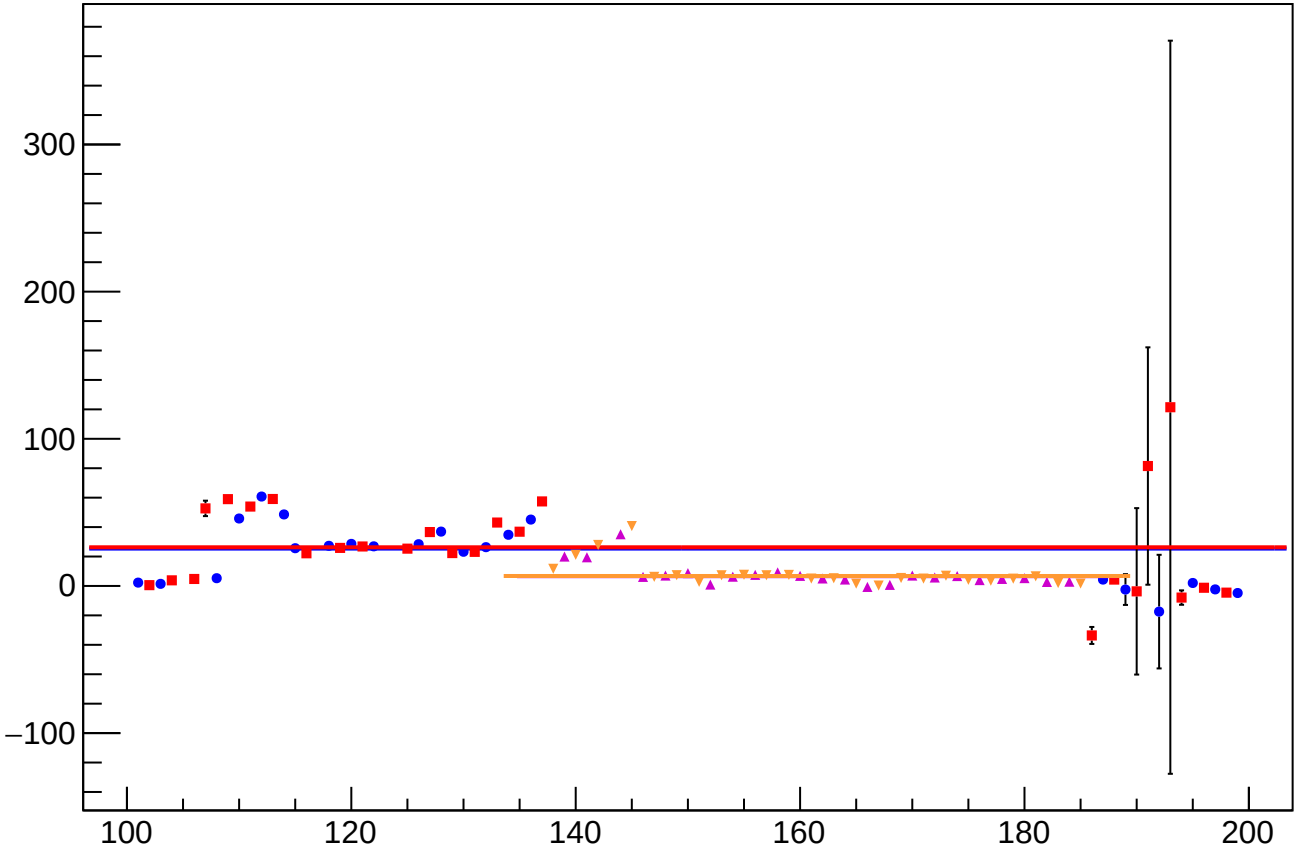
Right: 4.016+/-0.155 χ^2/NDF: 813.5/46

In: 2.325+/-0.123 χ^2/NDF:669.1/44

Out: 2.558+/-0.123 χ^2/NDF:626.5/48

All: 2.441+/-0.087 χ^2/NDF: 1297.4/93

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.394+/-0.386 χ^2/NDF: 2148.2/21

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 26.270+/-0.377 χ^2/NDF: 2777.3/24

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

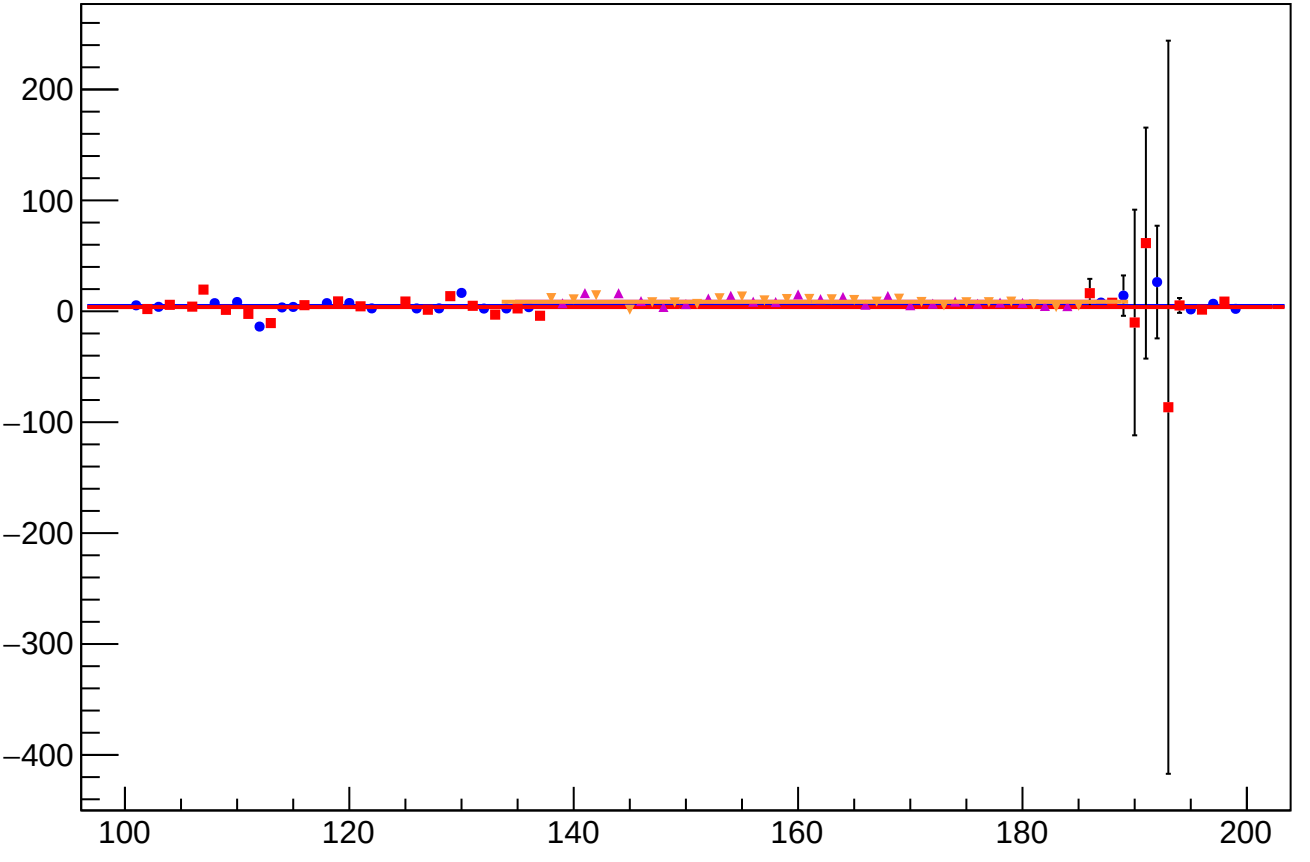
Right: 25.843+/-0.270 χ^2/NDF: 4928.2/46

In: 10.281+/-0.170 χ^2/NDF:5120.2/44

Out: 10.765+/-0.171 χ^2/NDF:6210.2/48

All: 10.523+/-0.120 χ^2/NDF: 11334.5/93

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.790+/-0.249 χ^2/NDF: 552.4/21

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.796+/-0.256 χ^2/NDF: 568.2/24

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

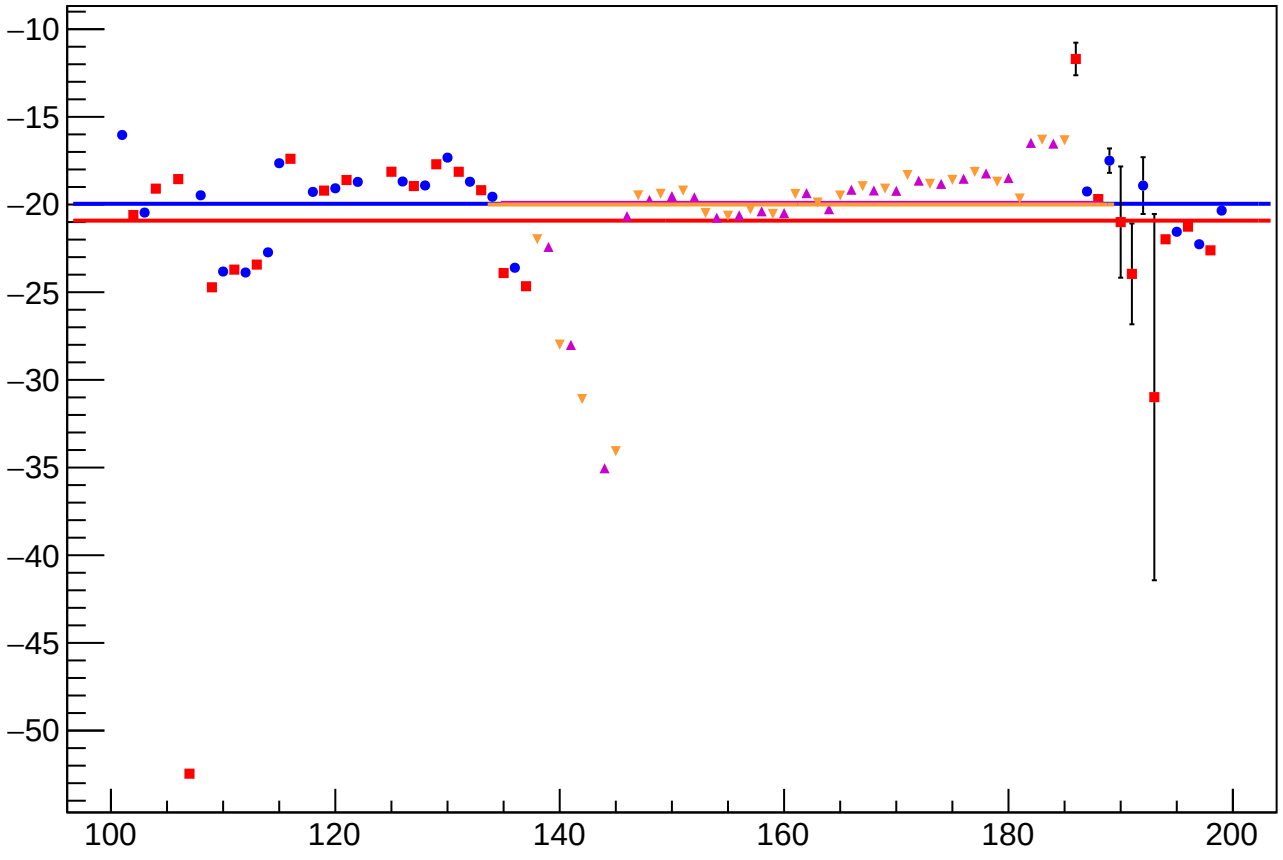
Right: 4.308+/-0.179 χ^2/NDF: 1128.3/46

In: 7.373+/-0.140 χ^2/NDF:1153.5/44

Out: 7.138+/-0.141 χ^2/NDF:1057.7/48

All: 7.256+/-0.099 χ^2/NDF: 2212.5/93

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.958+/-0.015 χ^2/NDF: 26697.6/21

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.918+/-0.015 χ^2/NDF: 93280.2/24

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

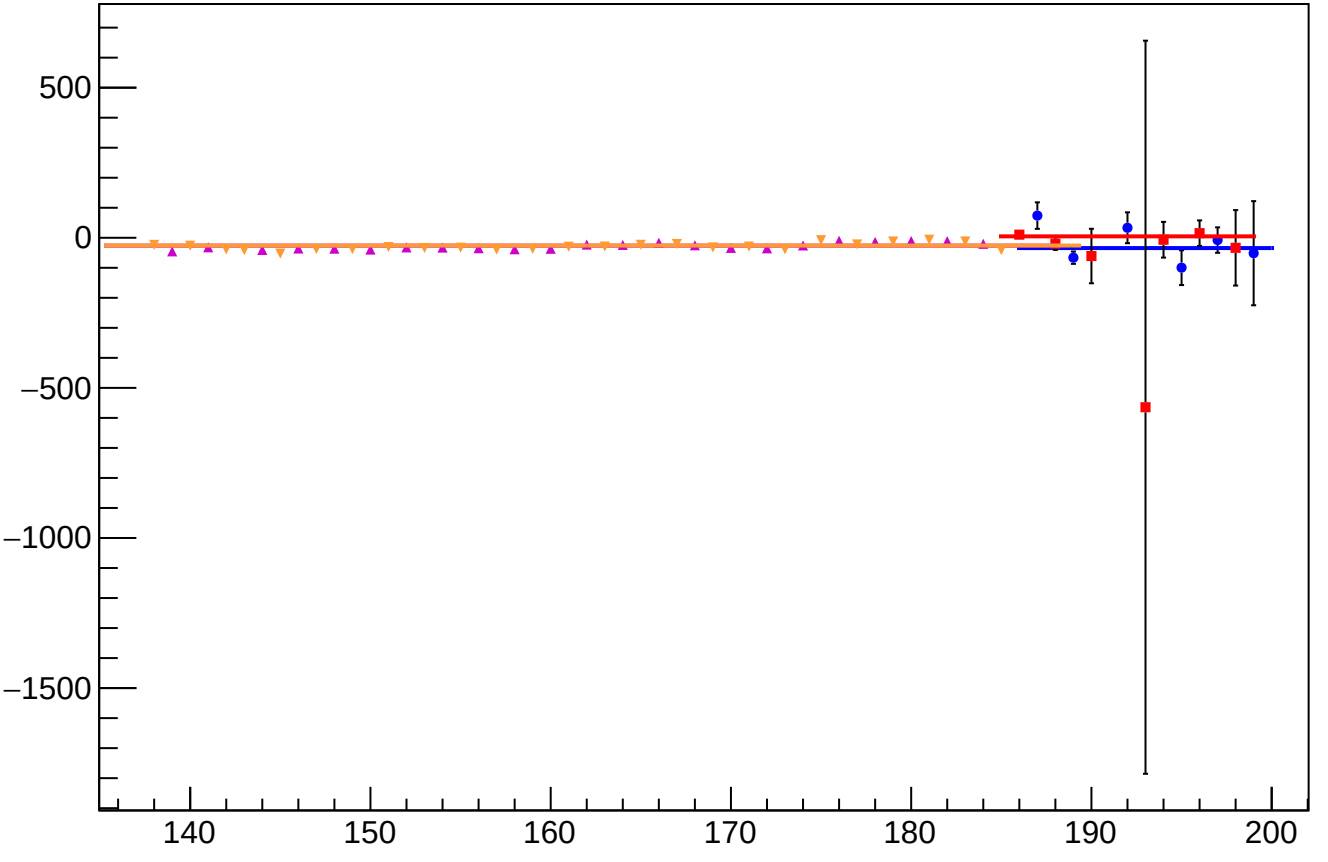
Right: -20.431+/-0.011 χ^2/NDF: 121972.4/46

In: -19.916+/-0.007 χ^2/NDF:172054.0/44

Out: -20.192+/-0.007 χ^2/NDF:267959.2/48

All: -20.052+/-0.005 χ^2/NDF: 440796.2/93

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.280+/-15.528 χ^2/NDF: 11.8/5

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.730+/-8.297 χ^2/NDF: 2.6/6

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

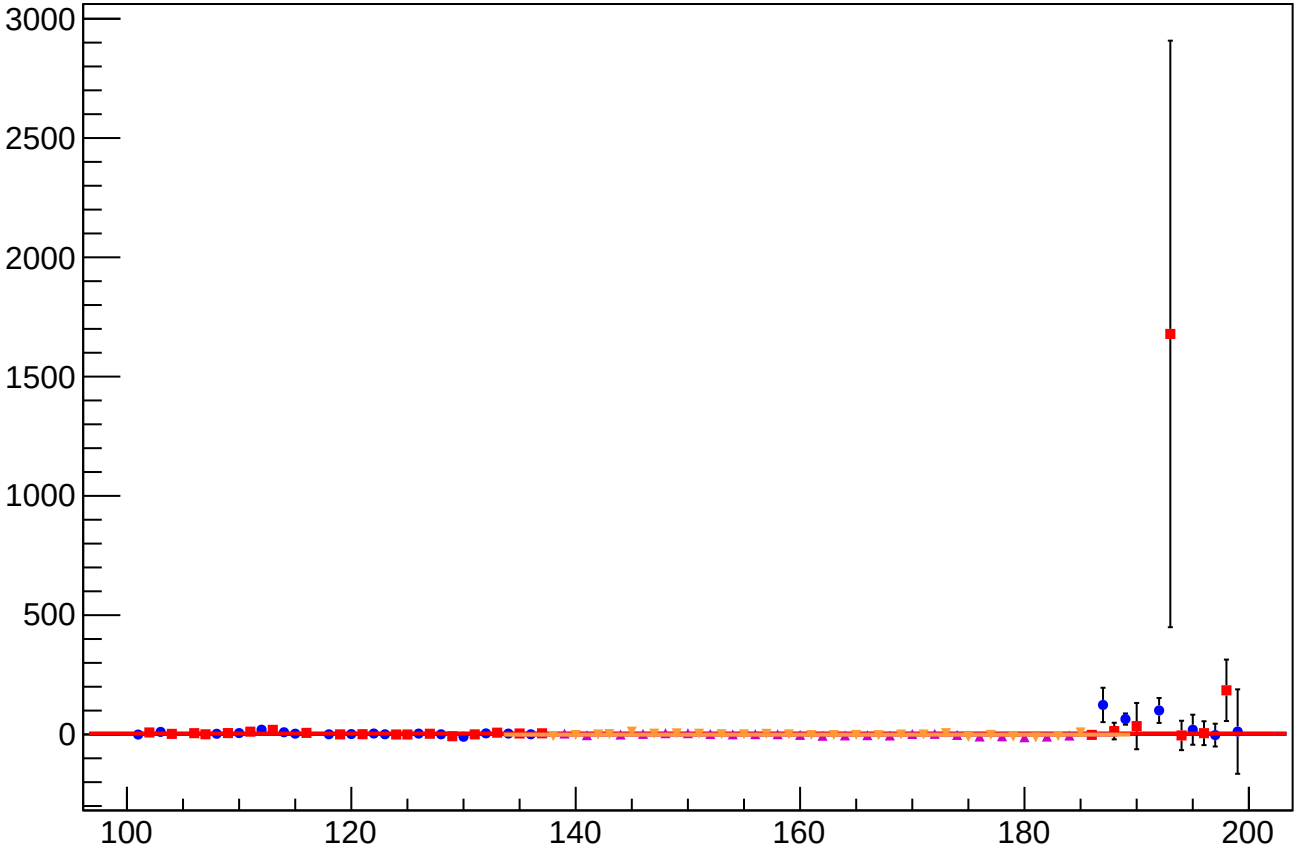
Right: -3.935+/-7.318 χ^2/NDF: 19.4/12

In: -26.205+/-0.194 χ^2/NDF:3389.9/28

Out: -25.788+/-0.192 χ^2/NDF:4143.9/31

All: -25.994+/-0.137 χ^2/NDF: 7536.2/60

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.460+/-0.311 χ^2/NDF: 308.7/22

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.724+/-0.327 χ^2/NDF: 273.4/24

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

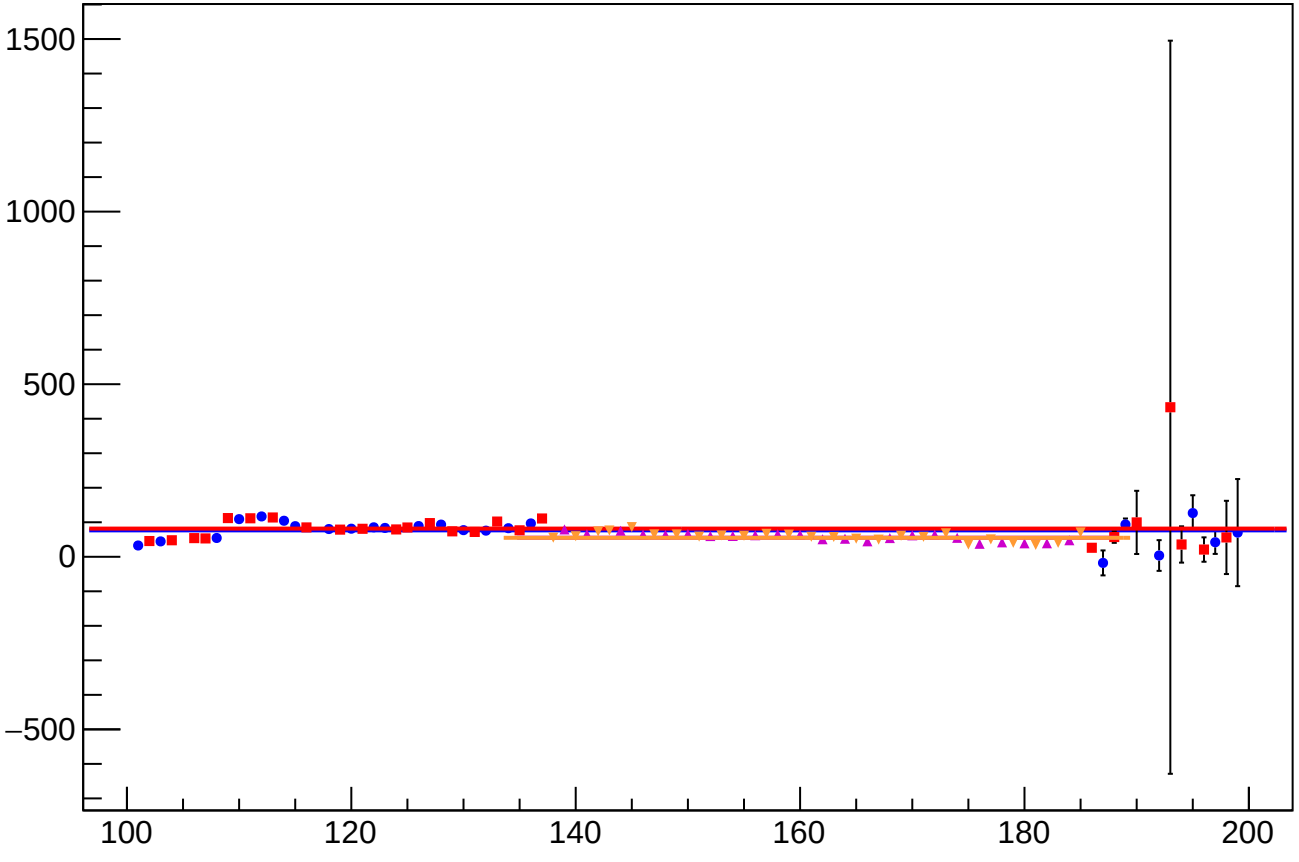
Right: 3.061+/-0.225 χ^2/NDF: 589.9/47

In: -0.218+/-0.135 χ^2/NDF:1471.8/45

Out: 0.057+/-0.134 χ^2/NDF:1738.8/49

All: -0.079+/-0.095 χ^2/NDF: 3212.8/95

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.551+/-0.573 χ^2/NDF: 2266.0/22

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.684+/-0.590 χ^2/NDF: 1607.9/24

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

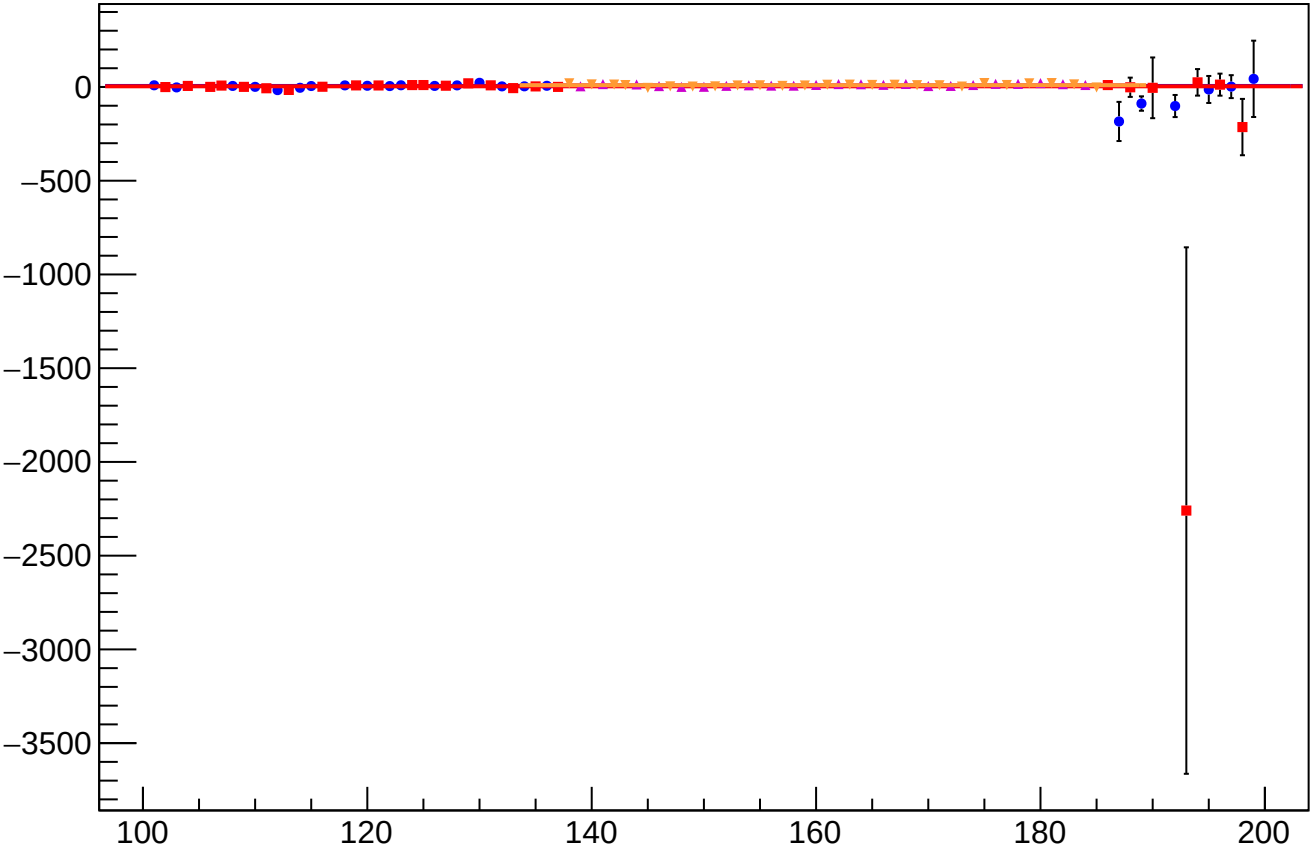
Right: 79.040+/-0.411 χ^2/NDF: 3912.9/47

In: 57.396+/-0.183 χ^2/NDF:7336.3/45

Out: 57.548+/-0.182 χ^2/NDF:7980.0/49

All: 57.472+/-0.129 χ^2/NDF: 15316.7/95

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.427+/-0.357 χ^2/NDF: 400.1/22

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.582+/-0.375 χ^2/NDF: 428.0/24

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

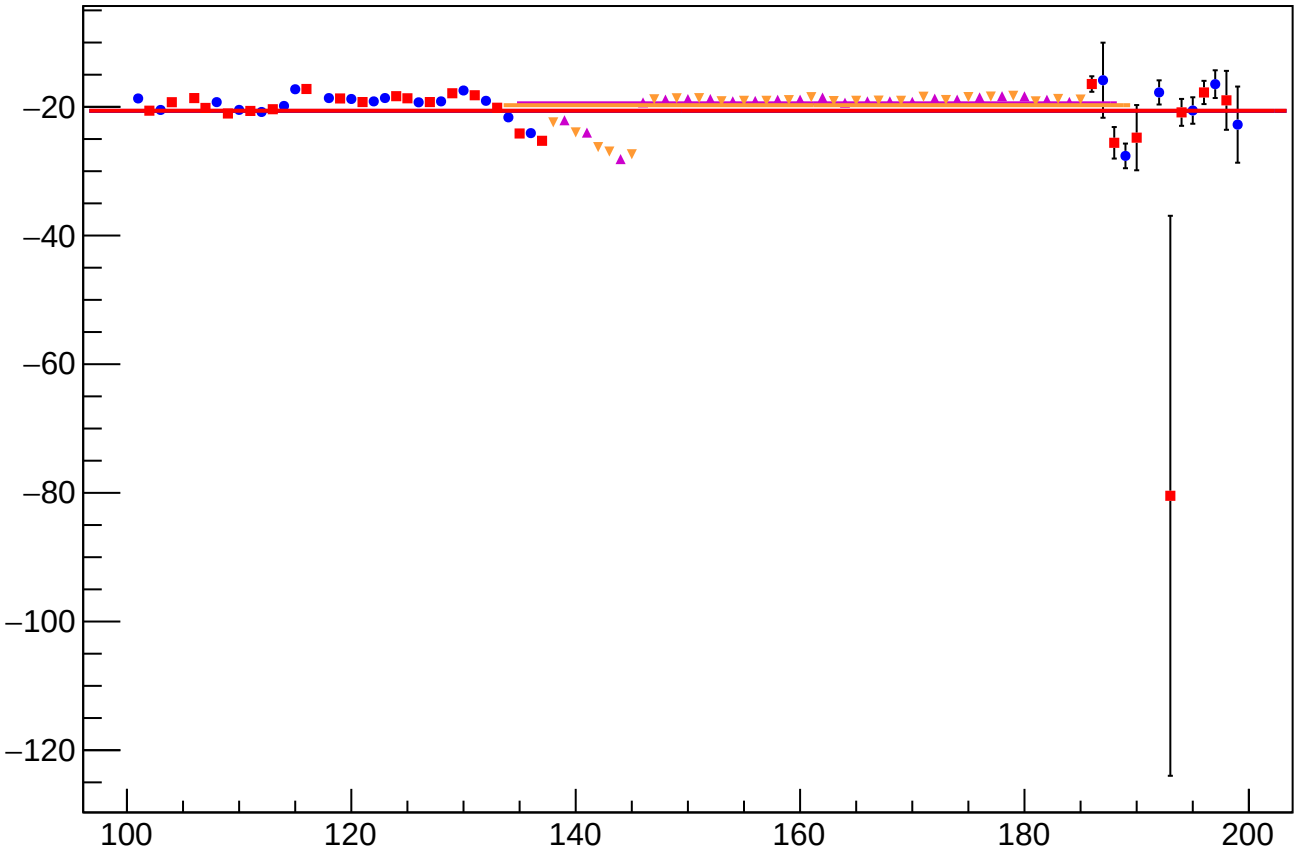
Right: 4.550+/-0.259 χ^2/NDF: 840.8/47

In: 8.963+/-0.154 χ^2/NDF:1686.1/45

Out: 8.719+/-0.153 χ^2/NDF:2102.1/49

All: 8.840+/-0.109 χ^2/NDF: 3789.4/95

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12510.7/22

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11972.2/24

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

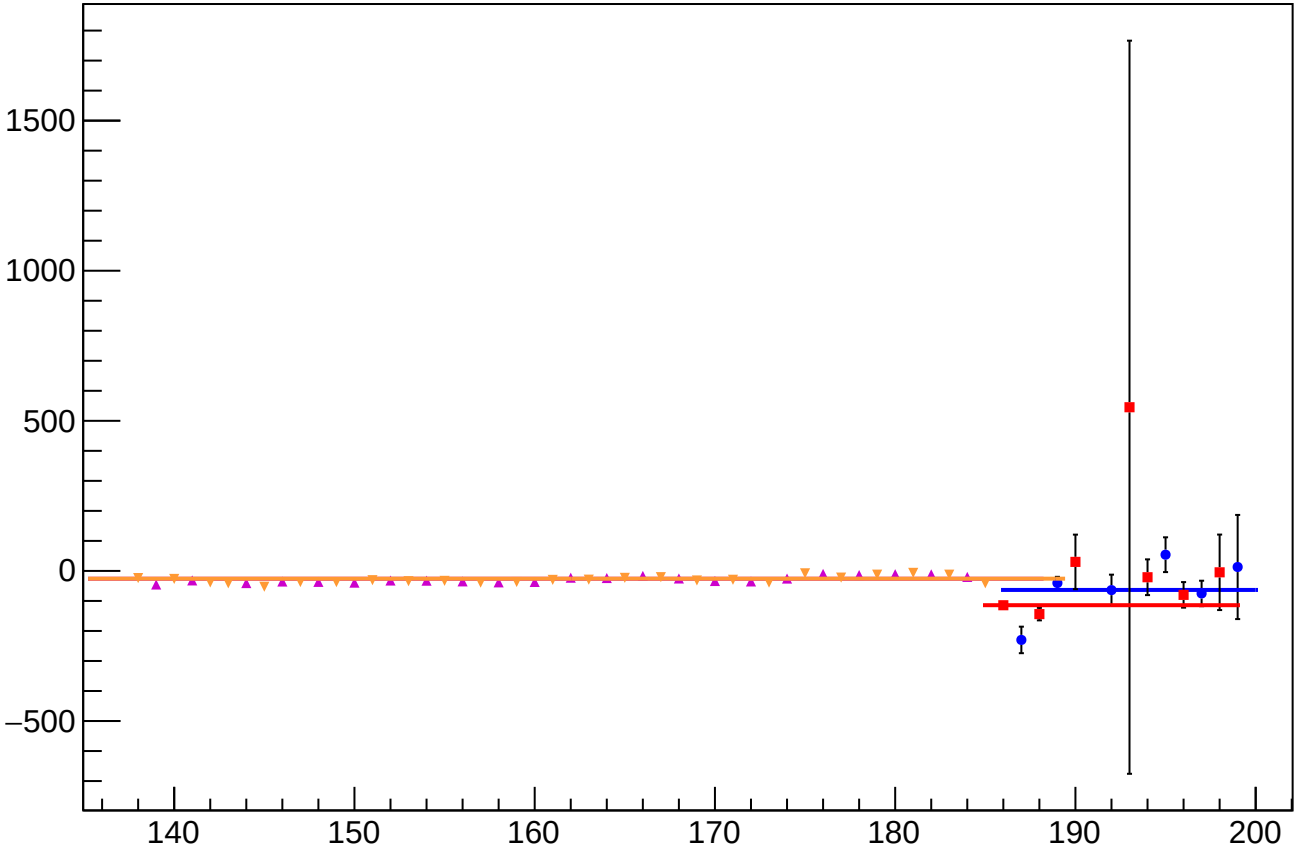
Right: -20.616+/-0.014 χ^2/NDF: 24484.0/47

In: -19.619+/-0.007 χ^2/NDF:69771.0/45

Out: -19.861+/-0.007 χ^2/NDF:102156.9/49

All: -19.740+/-0.005 χ^2/NDF: 172473.4/95

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -63.355+/-15.539 χ^2/NDF: 19.8/5

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -114.168+/-8.303 χ^2/NDF: 8.7/6

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

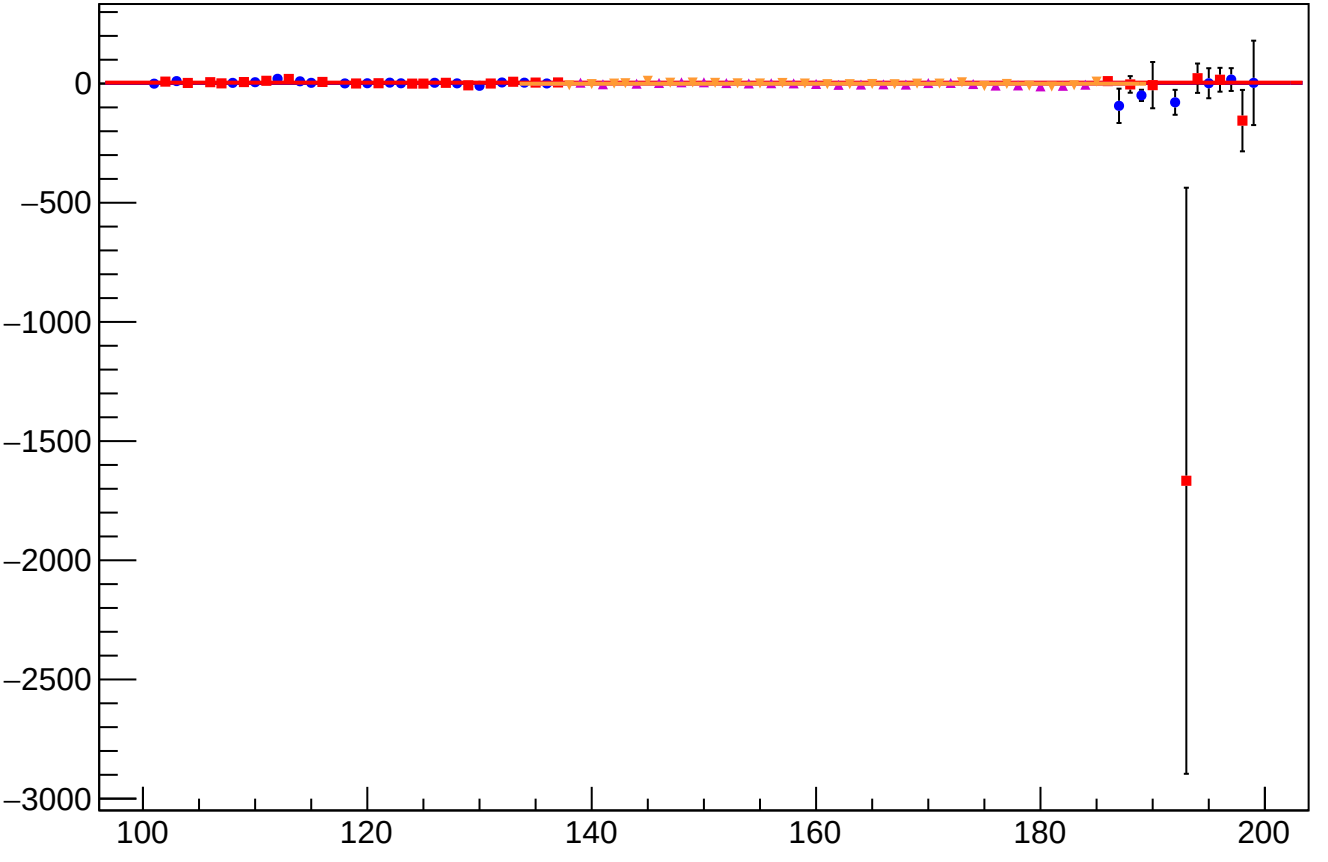
Right: -102.883+/-7.323 χ^2/NDF: 36.9/12

In: -26.206+/-0.194 χ^2/NDF:3370.2/28

Out: -25.862+/-0.192 χ^2/NDF:4216.5/31

All: -26.032+/-0.137 χ^2/NDF: 7588.2/60

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.435+/-0.311 χ^2/NDF: 302.5/22

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.862+/-0.327 χ^2/NDF: 272.8/24

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

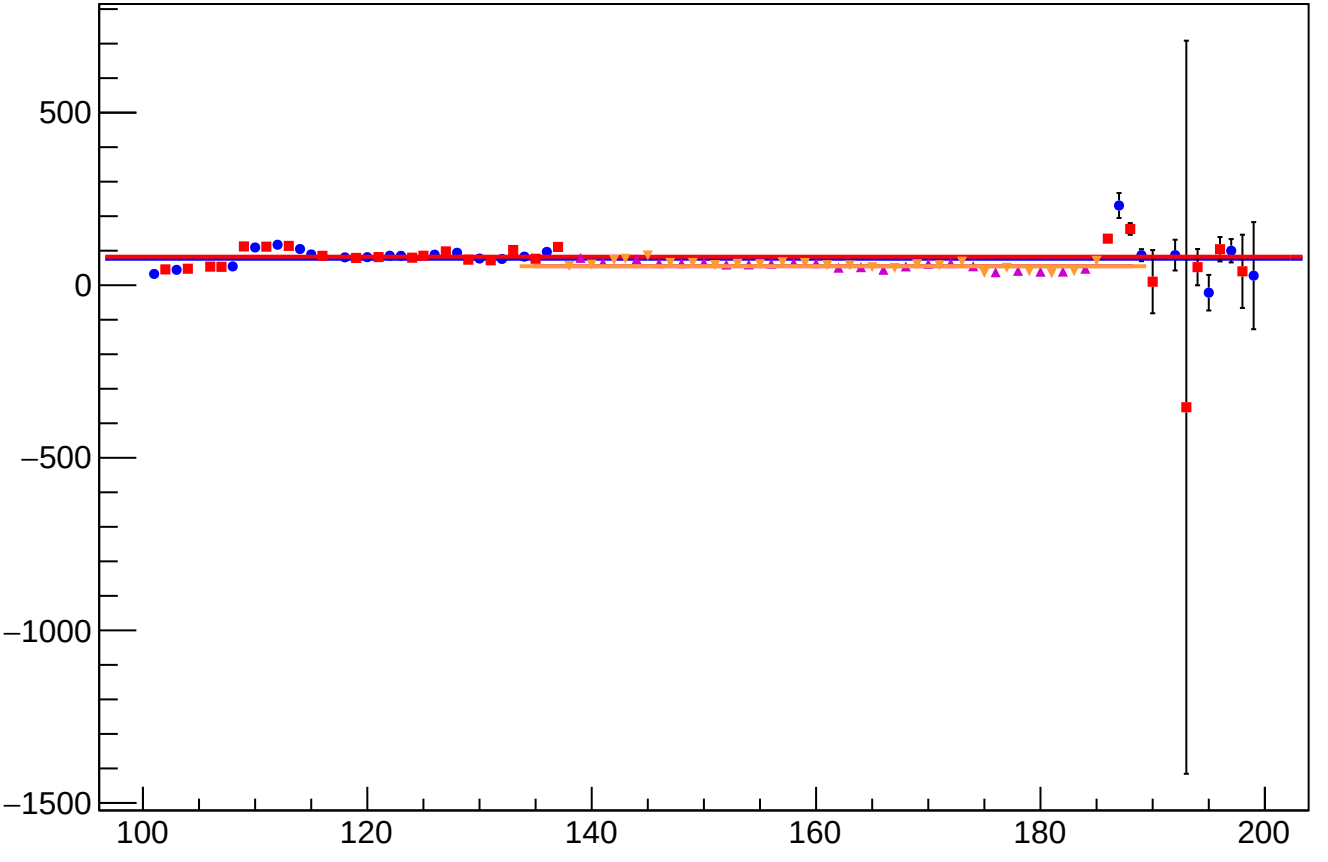
Right: 3.113+/-0.225 χ^2/NDF: 585.3/47

In: -0.167+/-0.135 χ^2/NDF:1500.1/45

Out: 0.127+/-0.134 χ^2/NDF:1733.0/49

All: -0.019+/-0.095 χ^2/NDF: 3235.5/95

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.733+/-0.573 χ^2/NDF: 2287.9/22

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.668+/-0.591 χ^2/NDF: 1622.1/24

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

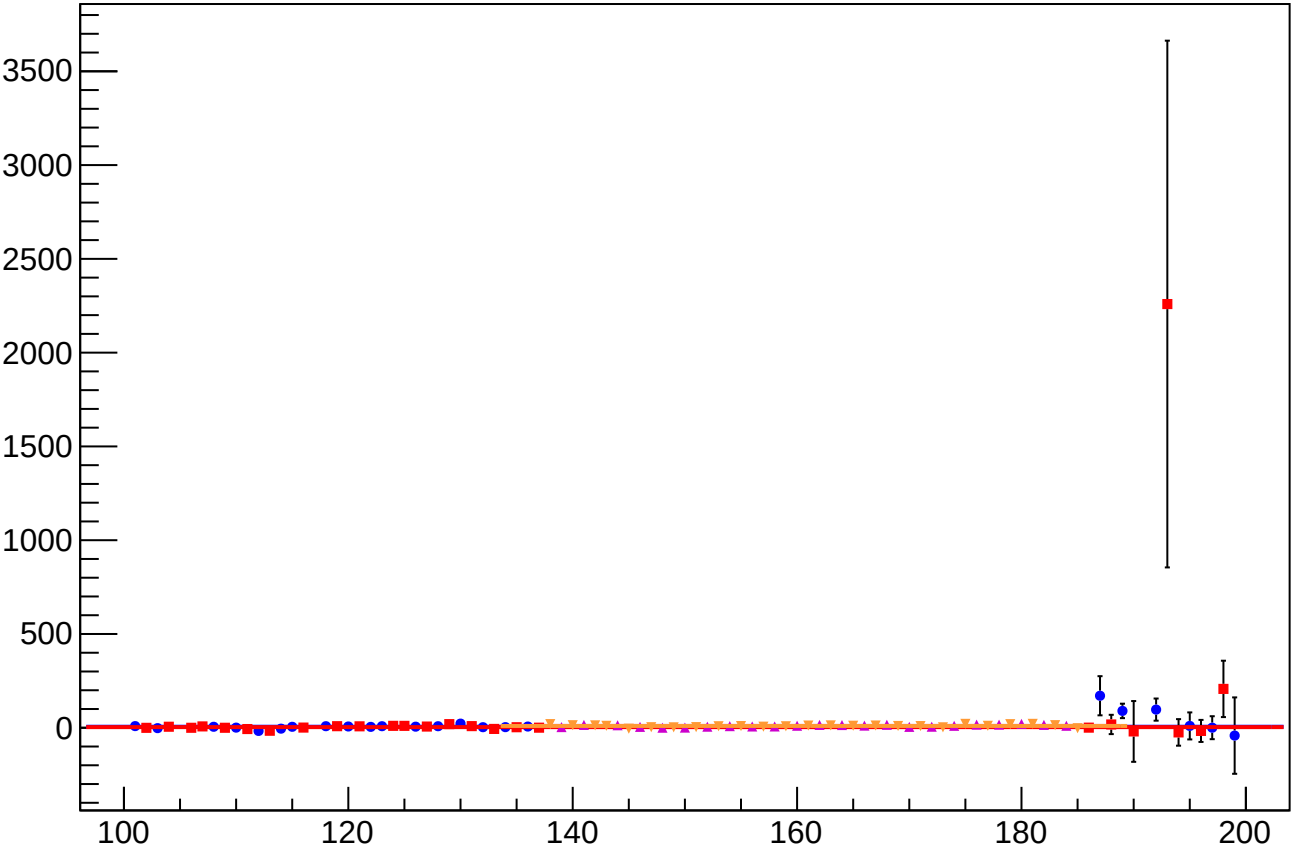
Right: 79.610+/-0.411 χ^2/NDF: 3962.1/47

In: 57.438+/-0.183 χ^2/NDF:7336.2/45

Out: 57.649+/-0.183 χ^2/NDF:8106.8/49

All: 57.544+/-0.129 χ^2/NDF: 15443.6/95

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.452+/-0.357 χ^2/NDF: 395.7/22

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.423+/-0.376 χ^2/NDF: 427.7/24

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

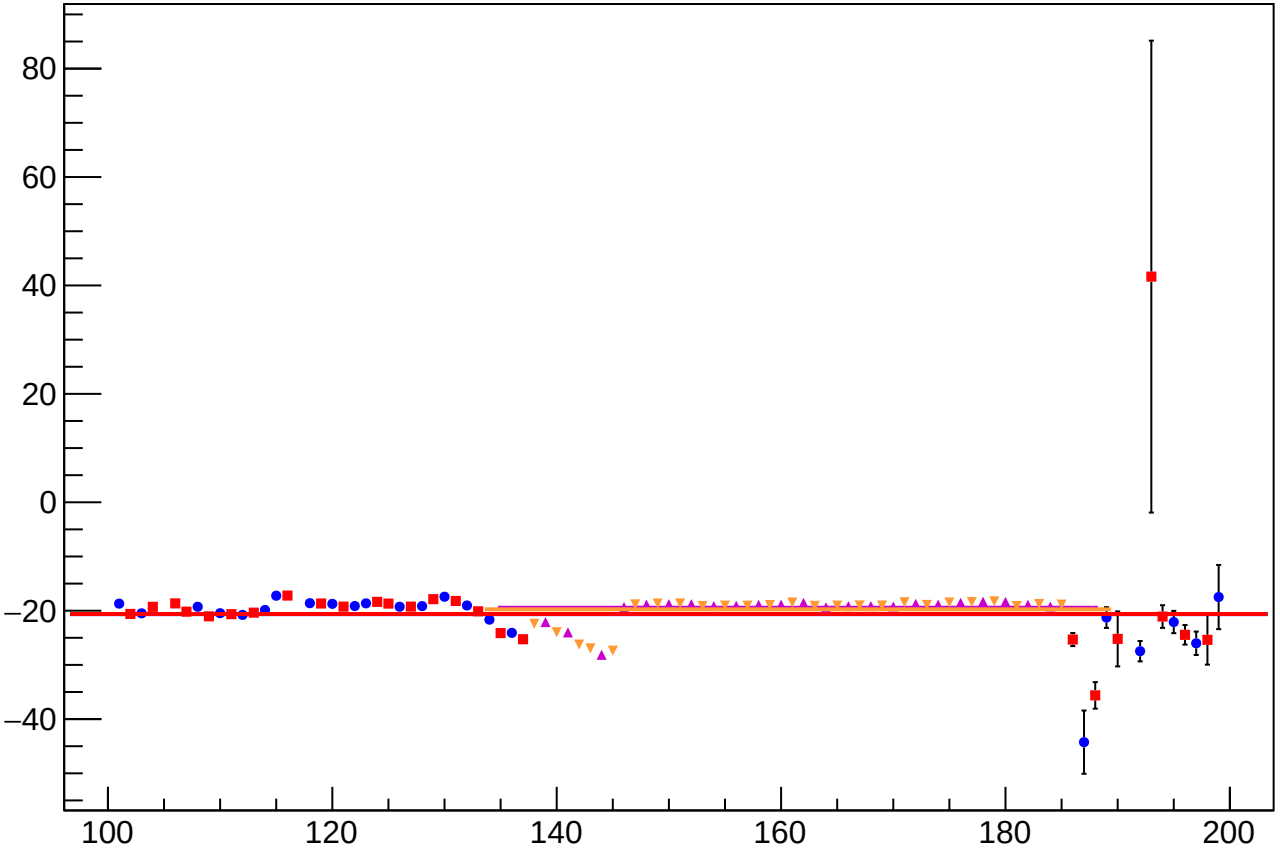
Right: 4.488+/-0.259 χ^2/NDF: 838.7/47

In: 8.913+/-0.155 χ^2/NDF:1709.0/45

Out: 8.643+/-0.154 χ^2/NDF:2099.9/49

All: 8.777+/-0.109 χ^2/NDF: 3810.4/95

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.633+/-0.019 χ^2/NDF: 12567.5/22

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11961.7/24

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

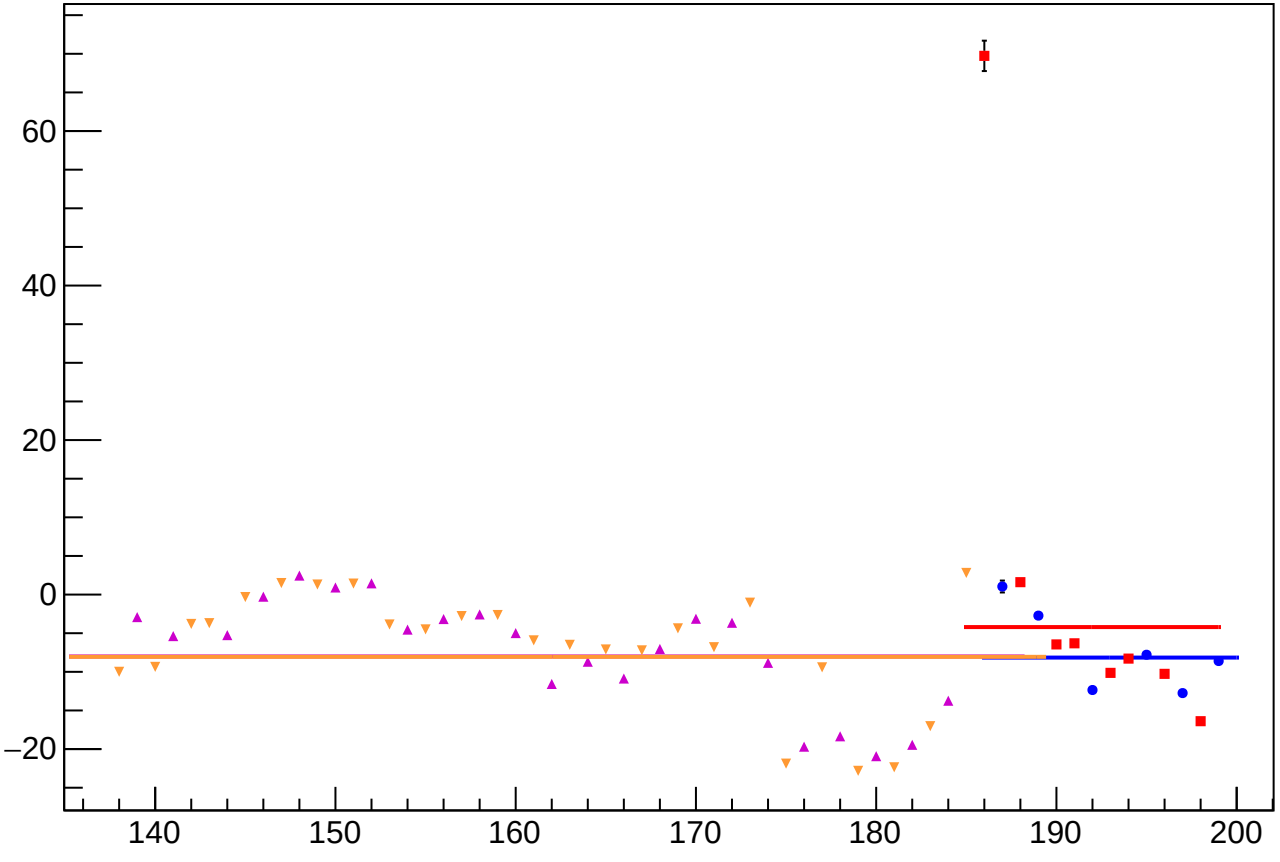
Right: -20.621+/-0.014 χ^2/NDF: 24530.0/47

In: -19.627+/-0.007 χ^2/NDF:69743.6/45

Out: -19.868+/-0.007 χ^2/NDF:102020.0/49

All: -19.748+/-0.005 χ^2/NDF: 172305.1/95

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.155+/-0.177 χ^2/NDF: 578.0/5

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -4.207+/-0.125 χ^2/NDF: 3746.7/7

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

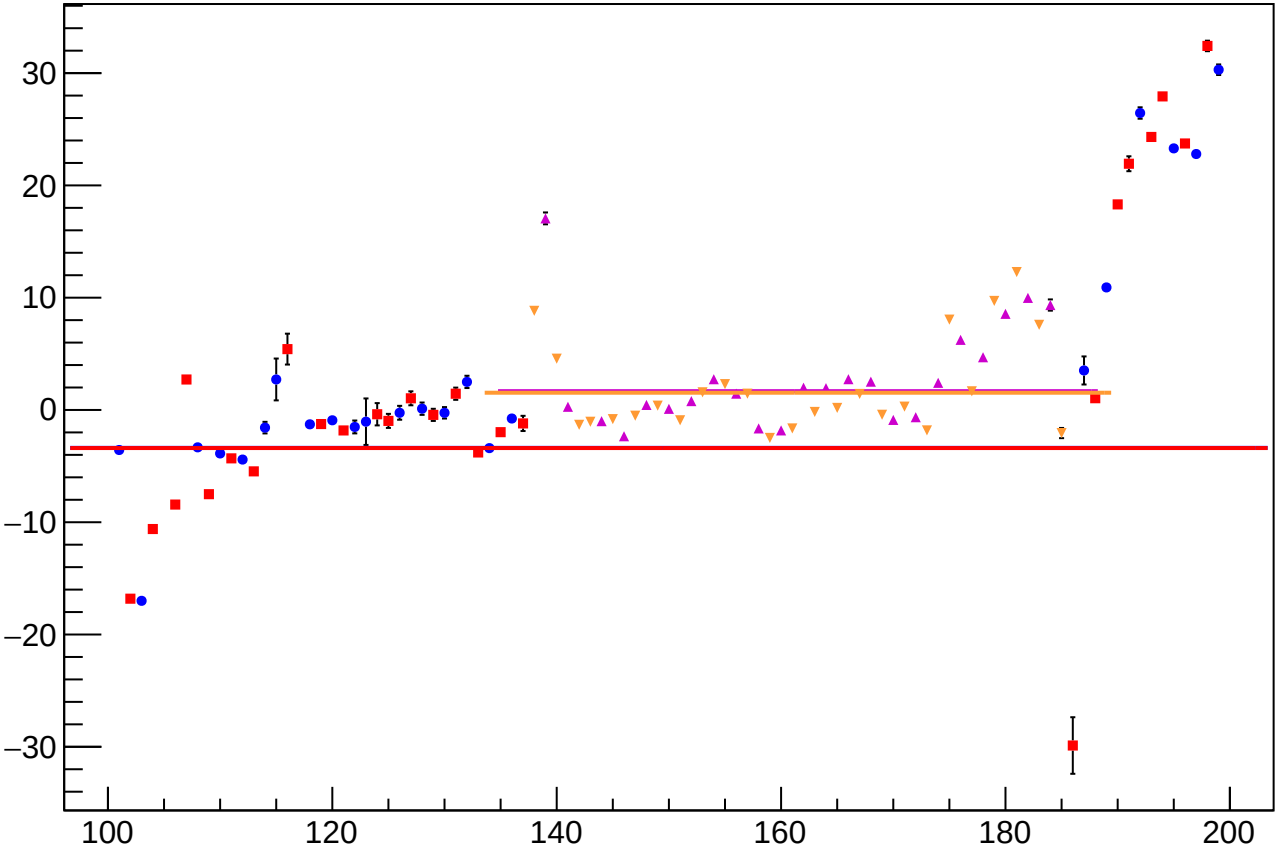
Right: -5.520+/-0.102 χ^2/NDF: 4657.4/13

In: -8.030+/-0.066 χ^2/NDF:11209.8/28

Out: -7.128+/-0.061 χ^2/NDF:17000.8/32

All: -7.545+/-0.045 χ^2/NDF: 28310.5/61

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.376+/-0.053 χ^2/NDF: 29007.6/22

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -3.393+/-0.056 χ^2/NDF: 39936.1/25

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

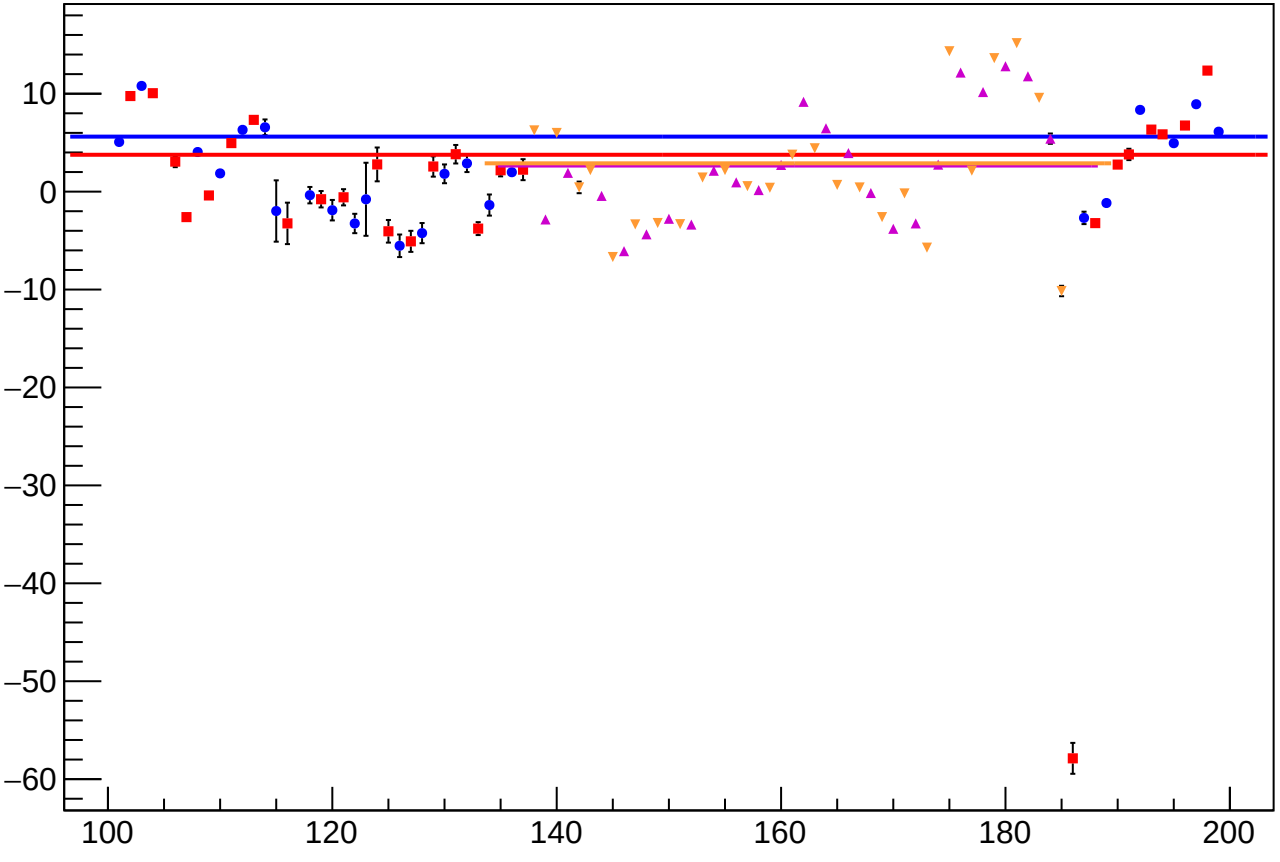
Right: -3.384+/-0.038 χ^2/NDF: 68943.7/48

In: -1.025+/-0.038 χ^2/NDF:37395.4/45

Out: -0.879+/-0.039 χ^2/NDF:48759.3/50

All: -0.953+/-0.027 χ^2/NDF: 86161.9/96

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.618+/-0.077 χ^2/NDF: 2167.5/22

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.764+/-0.071 χ^2/NDF: 7275.3/25

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

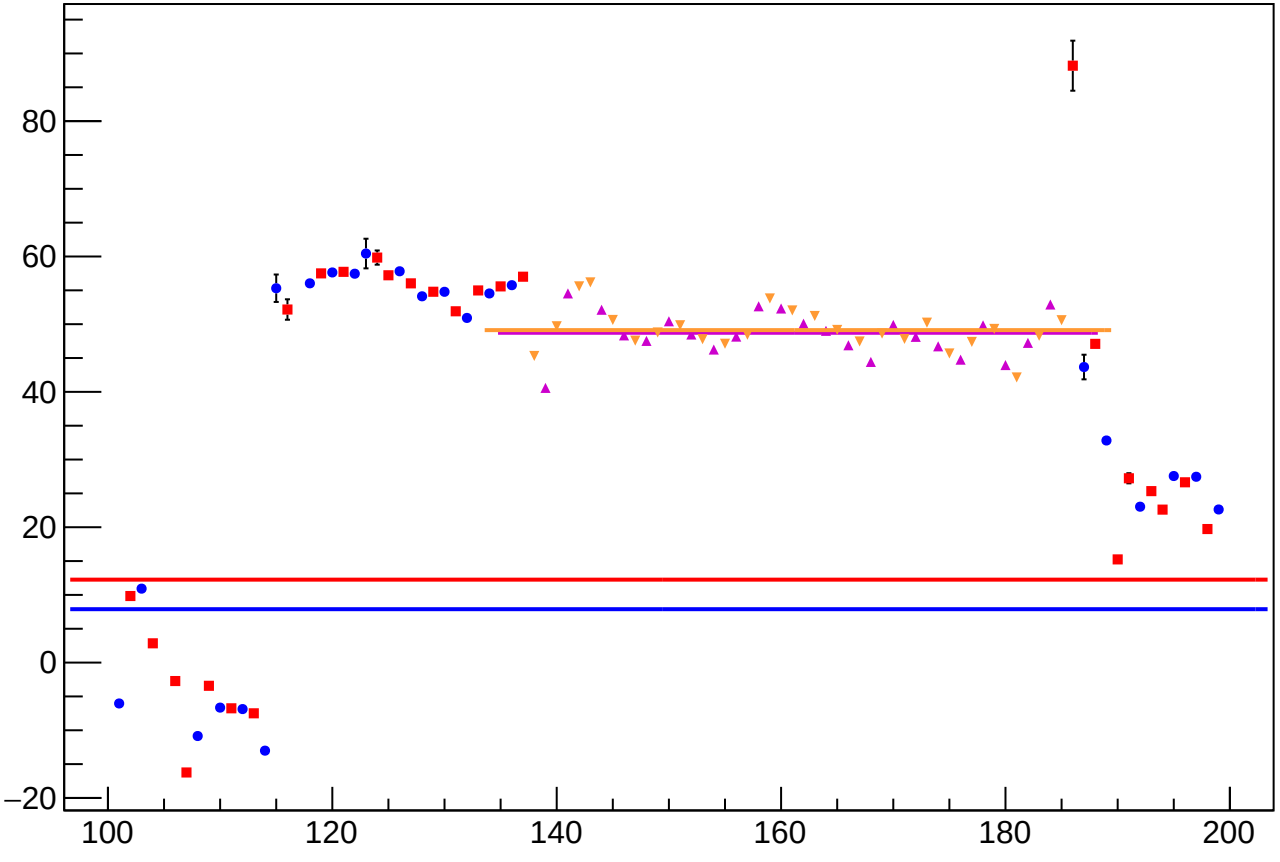
Right: 4.617+/-0.053 χ^2/NDF: 9752.4/48

In: 4.013+/-0.052 χ^2/NDF:10267.1/45

Out: 3.321+/-0.050 χ^2/NDF:16240.4/50

All: 3.653+/-0.036 χ^2/NDF: 26598.7/96

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.890+/-0.062 χ^2/NDF: 130886.6/22

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.255+/-0.066 χ^2/NDF: 133547.2/25

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

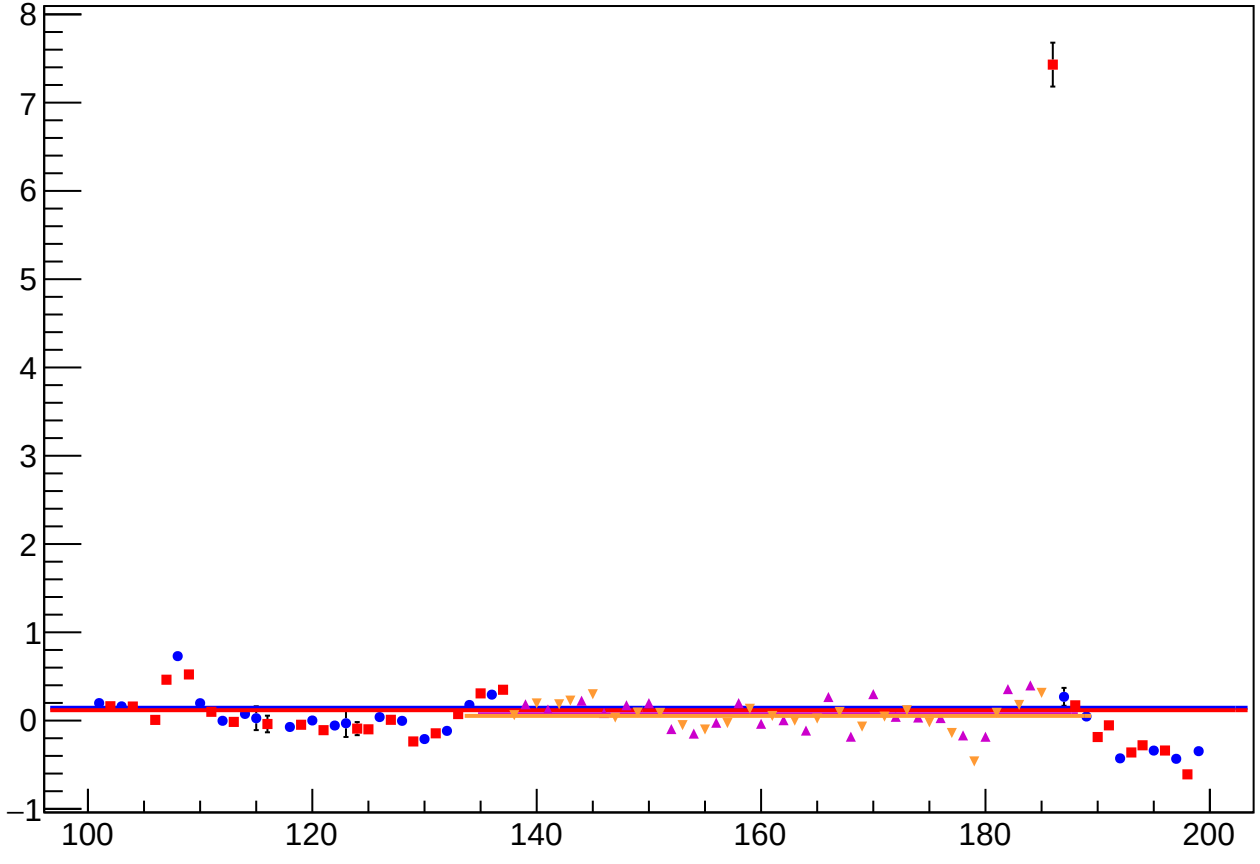
Right: 9.937+/-0.045 χ^2/NDF: 266733.1/48

In: 27.918+/-0.045 χ^2/NDF:343427.5/45

Out: 31.971+/-0.045 χ^2/NDF:300815.0/50

All: 29.911+/-0.032 χ^2/NDF: 648319.7/96

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.145+/-0.003 χ^2/NDF: 9348.9/22

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.118+/-0.003 χ^2/NDF: 9388.4/25

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

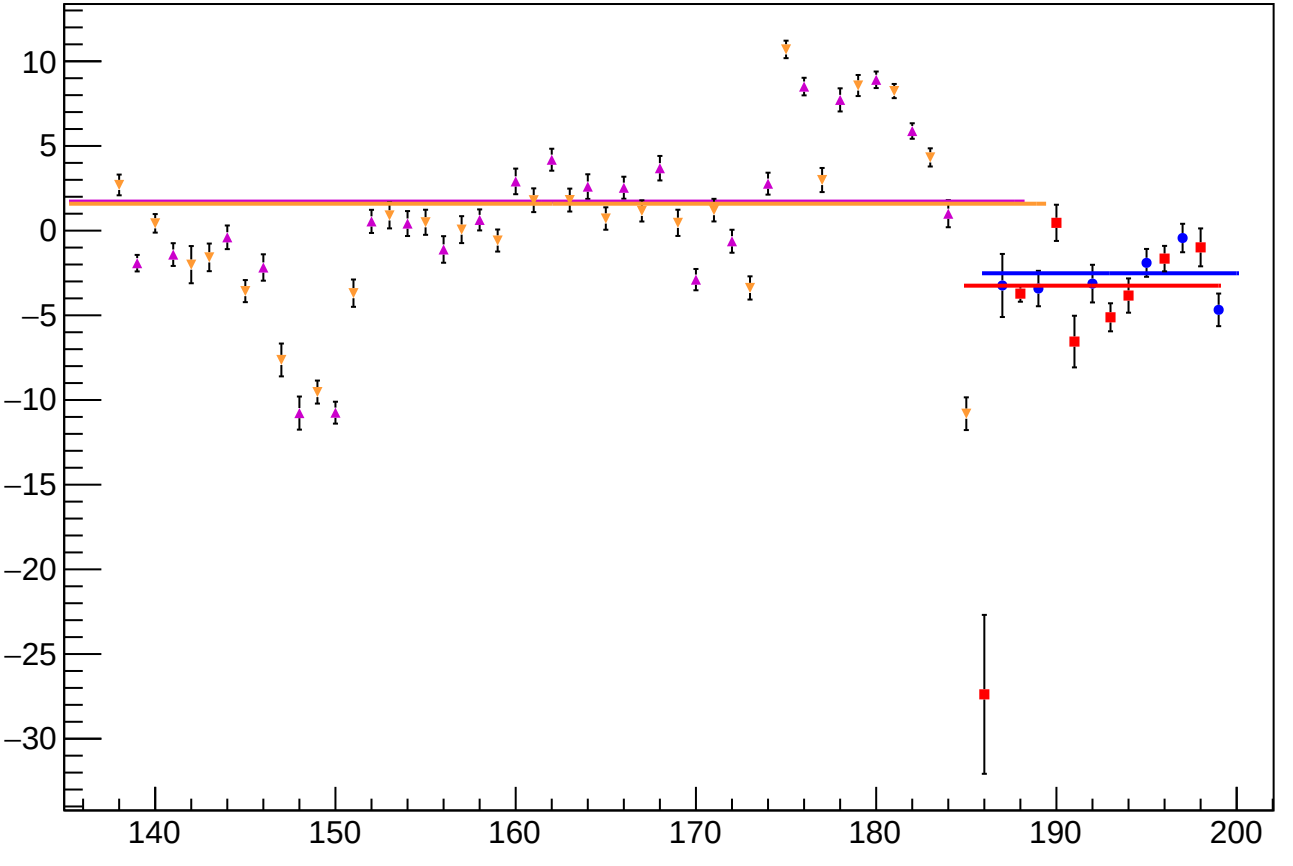
Right: 0.131+/-0.002 χ^2/NDF: 18795.4/48

In: 0.112+/-0.002 χ^2/NDF:12984.3/45

Out: 0.089+/-0.002 χ^2/NDF:12046.4/50

All: 0.101+/-0.001 χ^2/NDF: 25102.0/96

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.517+/-0.409 χ^2/NDF: 12.9/5

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.249+/-0.305 χ^2/NDF: 58.2/7

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

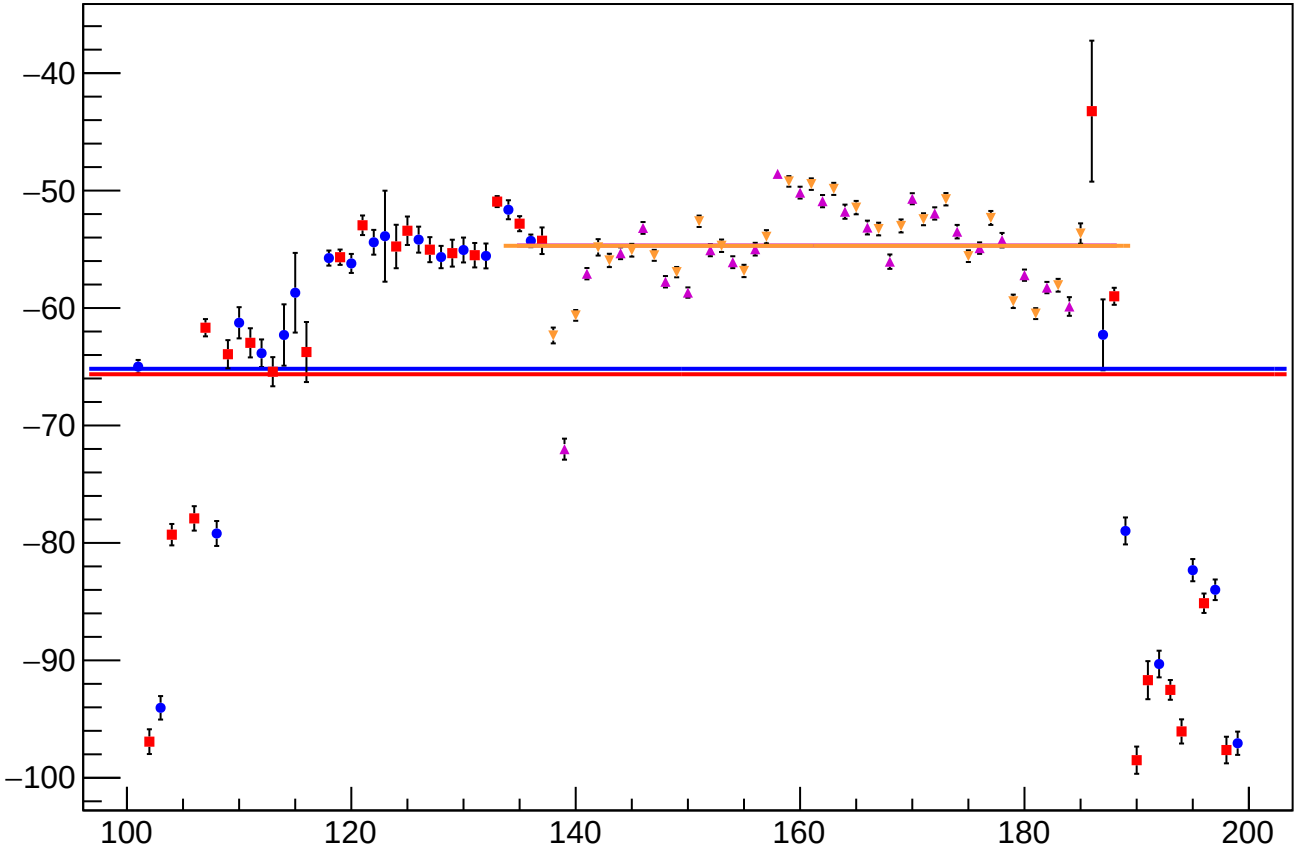
Right: -2.988+/-0.244 χ^2/NDF: 73.2/13

In: 1.303+/-0.127 χ^2/NDF:1423.3/28

Out: 0.817+/-0.122 χ^2/NDF:1727.1/32

All: 1.049+/-0.088 χ^2/NDF: 3158.0/61

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -65.174+/-0.199 χ^2/NDF: 4995.9/22

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -65.639+/-0.183 χ^2/NDF: 8048.9/25

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

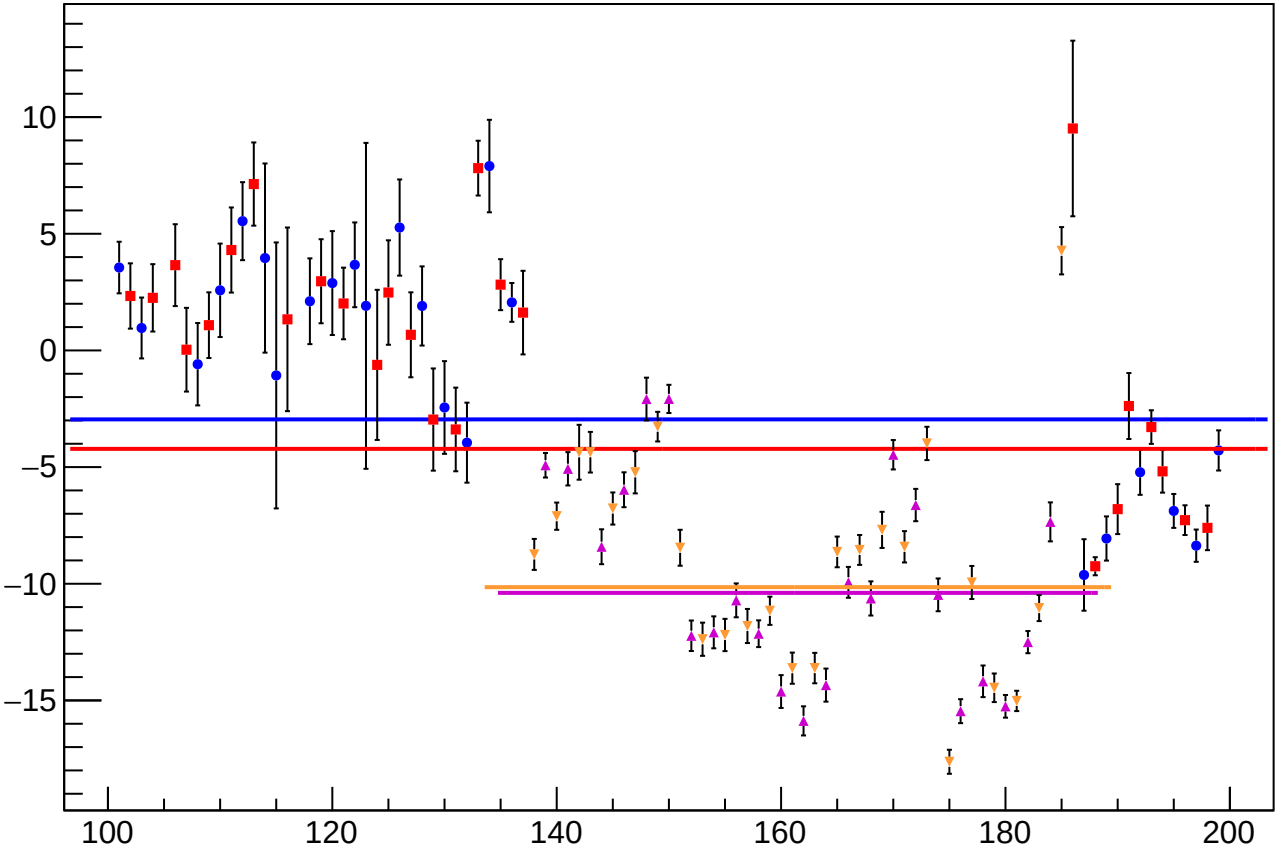
Right: -65.426+/-0.135 χ^2/NDF: 13047.7/48

In: -57.111+/-0.096 χ^2/NDF:8269.0/45

Out: -57.441+/-0.092 χ^2/NDF:11841.8/50

All: -57.283+/-0.066 χ^2/NDF: 20117.0/96

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.955+/-0.267 χ^2/NDF: 347.4/22

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.218+/-0.217 χ^2/NDF: 581.5/25

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

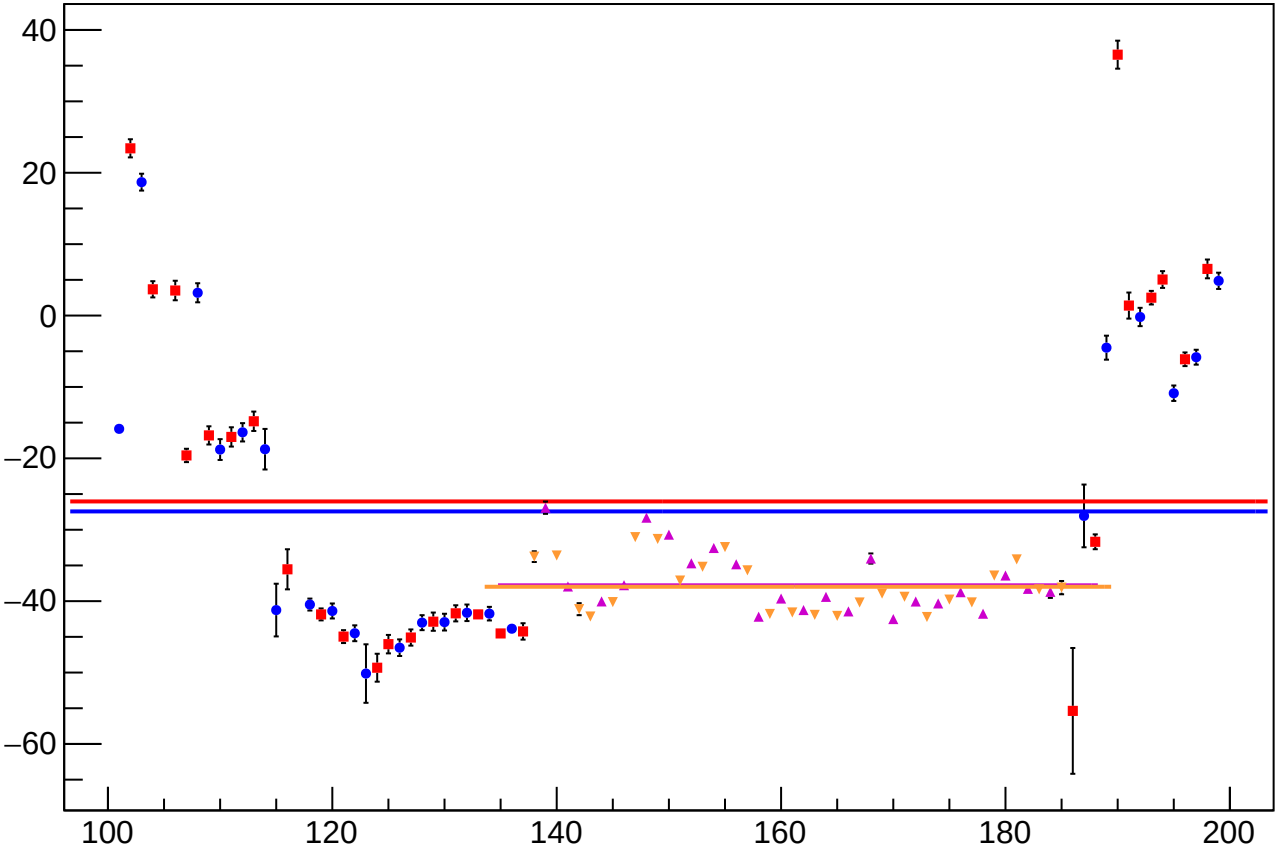
Right: -3.716+/-0.168 χ^2/NDF: 942.4/48

In: -8.896+/-0.120 χ^2/NDF:1993.5/45

Out: -8.521+/-0.113 χ^2/NDF:2176.7/50

All: -8.699+/-0.082 χ^2/NDF: 4175.4/96

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.432+/-0.229 χ^2/NDF: 7218.4/22

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -26.034+/-0.215 χ^2/NDF: 10447.5/25

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

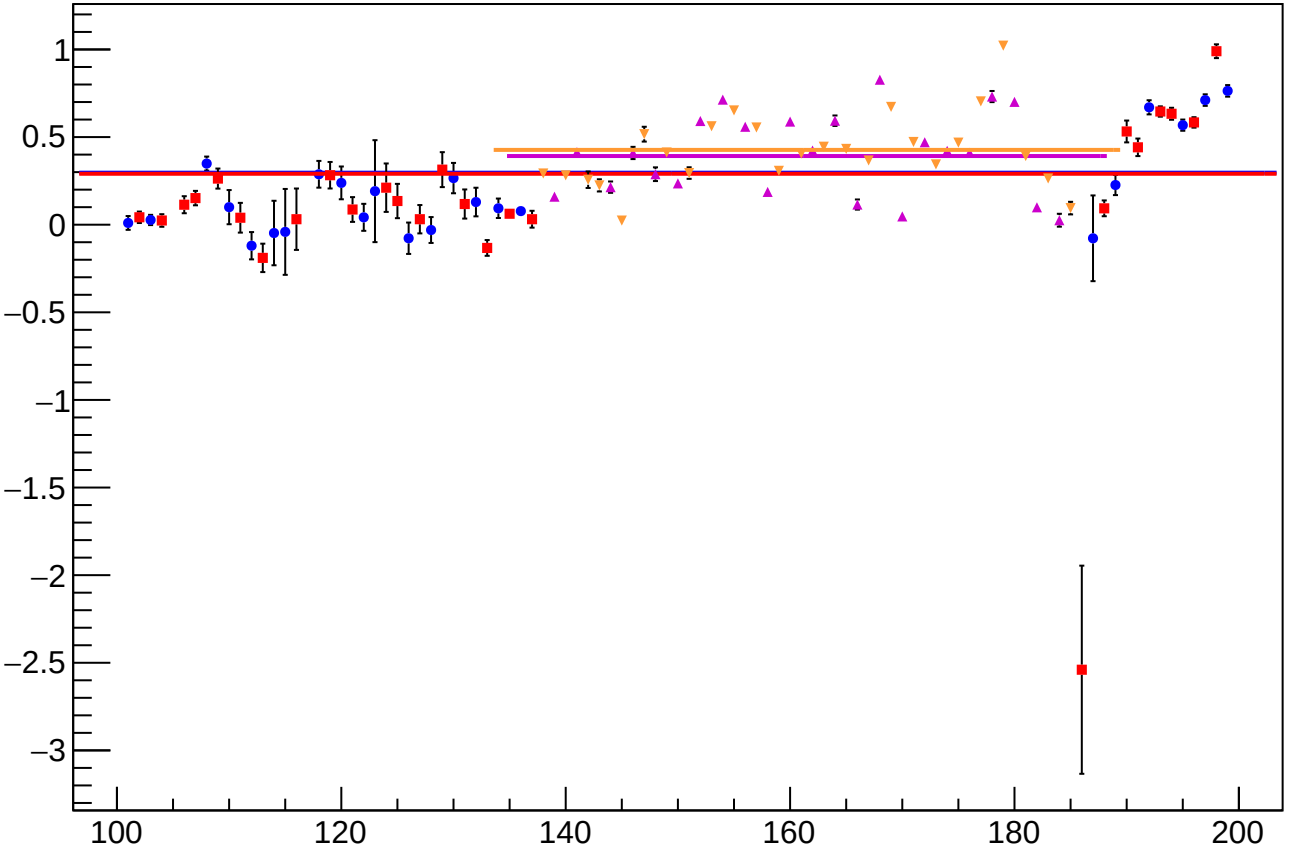
Right: -26.688+/-0.157 χ^2/NDF: 17685.7/48

In: -35.500+/-0.108 χ^2/NDF:9889.5/45

Out: -35.175+/-0.104 χ^2/NDF:13754.0/50

All: -35.332+/-0.075 χ^2/NDF: 23648.2/96

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.297+/-0.010 χ^2/NDF: 861.4/22

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.291+/-0.009 χ^2/NDF: 1127.0/25

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

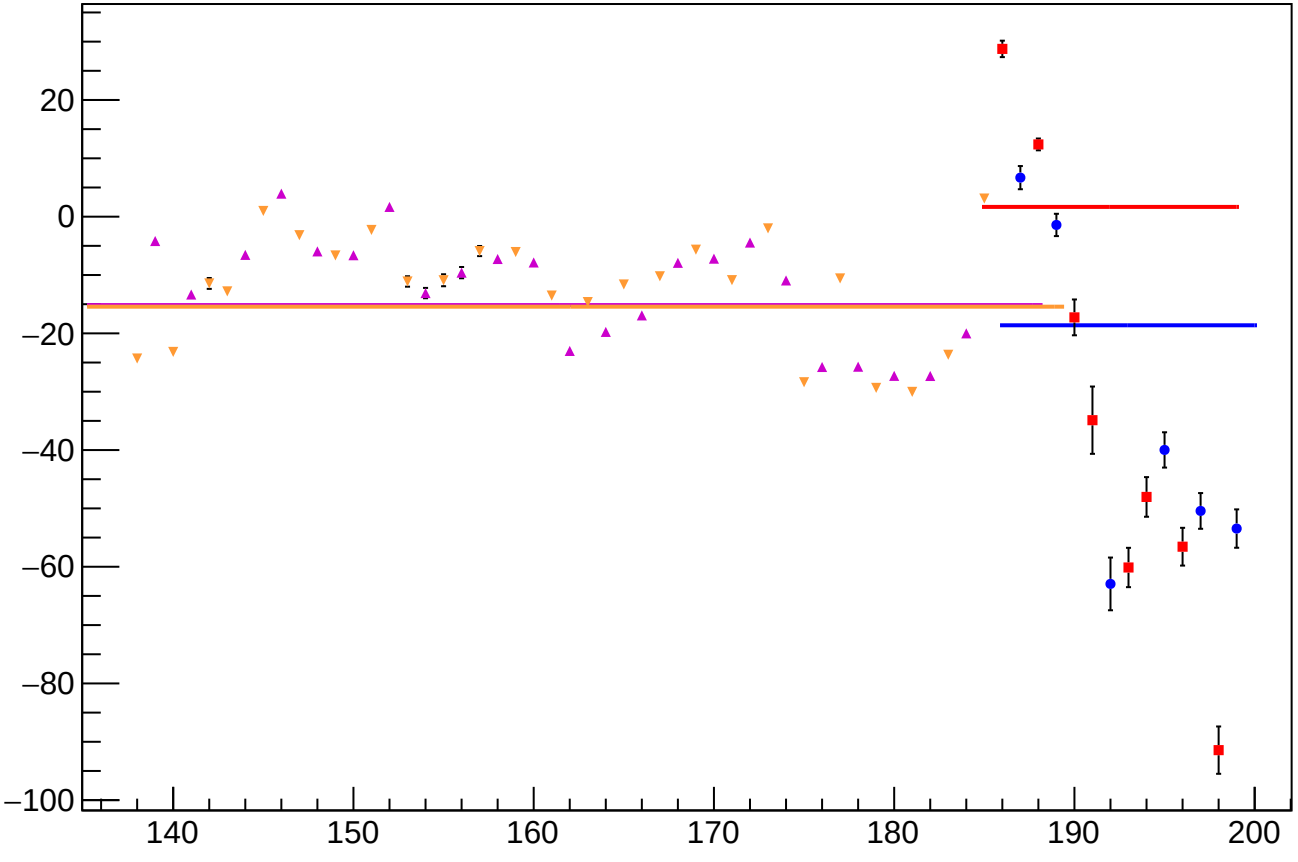
Right: 0.294+/-0.007 χ^2/NDF: 1988.7/48

In: 0.371+/-0.005 χ^2/NDF:2766.8/45

Out: 0.393+/-0.005 χ^2/NDF:2581.2/50

All: 0.382+/-0.003 χ^2/NDF: 5359.0/96

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.616+/-1.063 χ^2/NDF: 609.4/5

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 1.673+/-0.717 χ^2/NDF: 1960.2/7

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

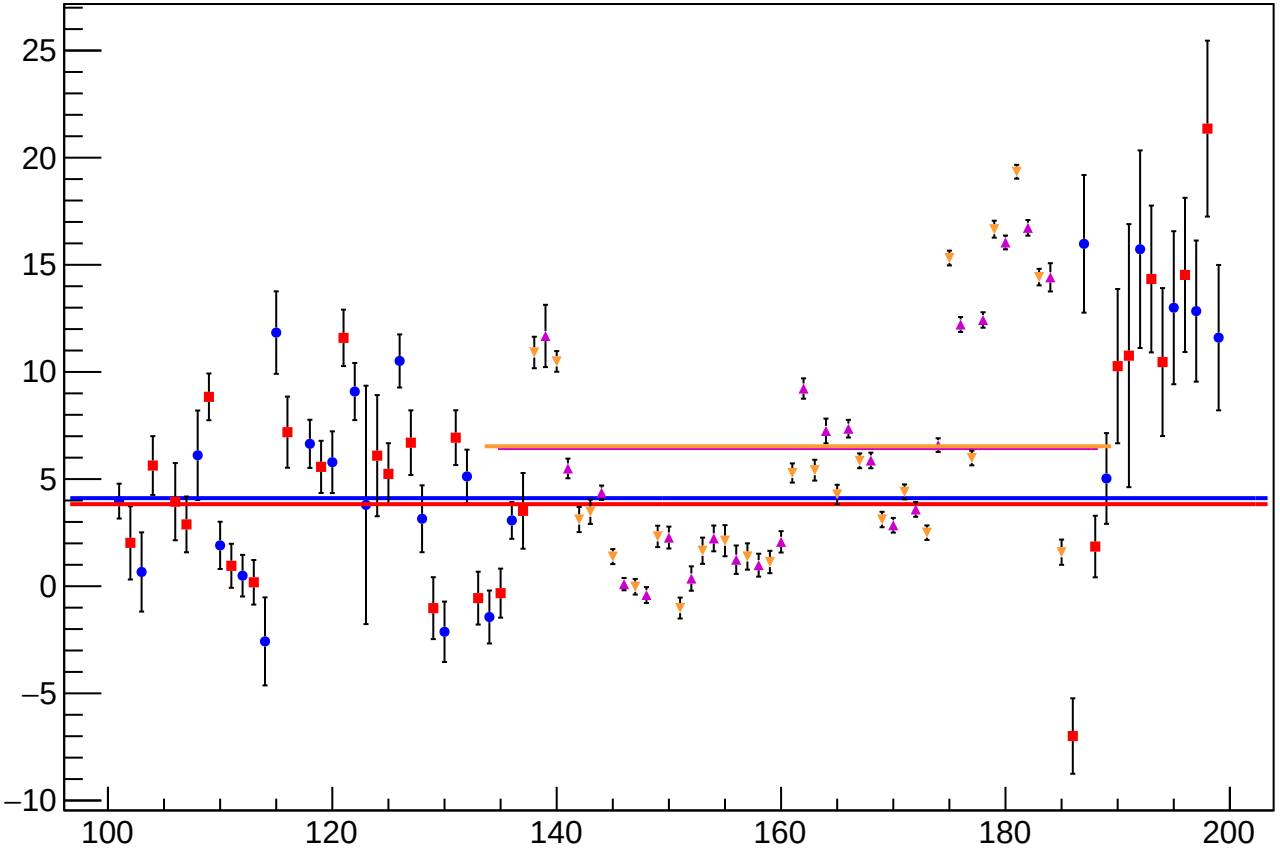
Right: -4.668+/-0.594 χ^2/NDF: 2819.9/13

In: -15.185+/-0.106 χ^2/NDF:9364.3/28

Out: -15.066+/-0.104 χ^2/NDF:13016.6/32

All: -15.125+/-0.074 χ^2/NDF: 22381.6/61

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.110+/-0.300 χ^2/NDF: 176.6/22

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.830+/-0.299 χ^2/NDF: 218.0/25

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

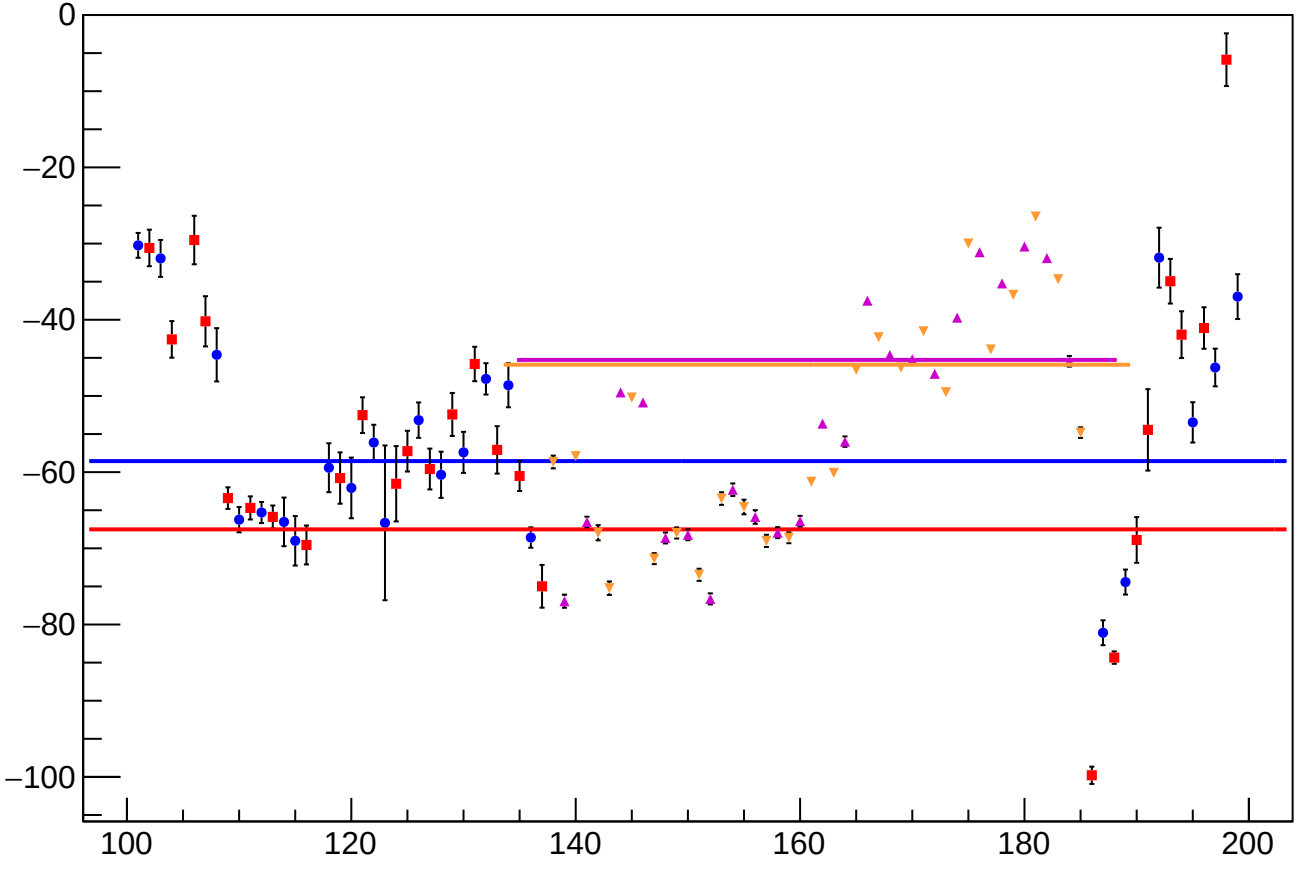
Right: 3.970+/-0.212 χ^2/NDF: 395.0/48

In: 6.271+/-0.083 χ^2/NDF:4188.5/45

Out: 6.326+/-0.082 χ^2/NDF:5263.0/50

All: 6.299+/-0.058 χ^2/NDF: 9451.7/96

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.549+/-0.464 χ^2/NDF: 1015.7/22

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -67.511+/-0.397 χ^2/NDF: 2639.2/25

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

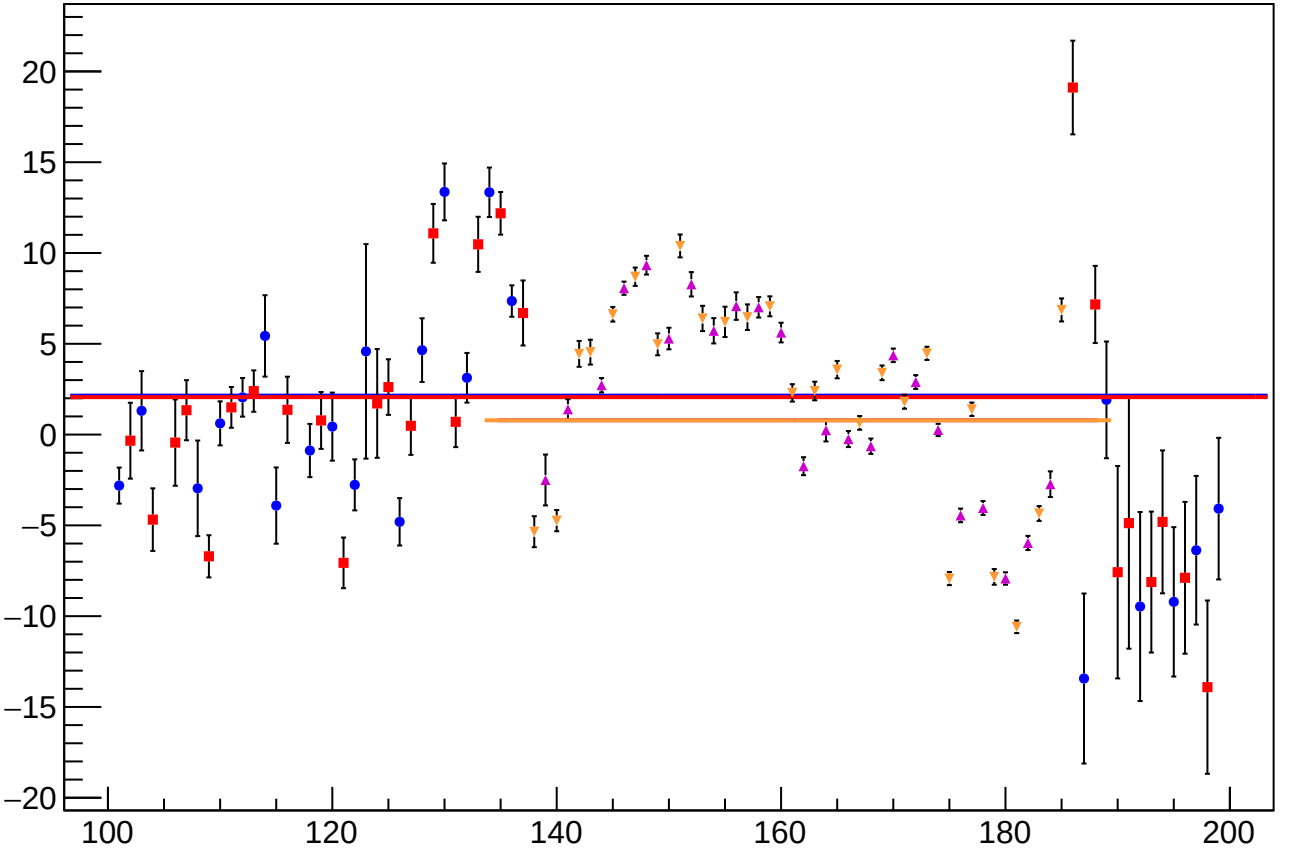
Right: -63.723+/-0.302 χ^2/NDF: 3870.0/48

In: -45.935+/-0.104 χ^2/NDF:17568.4/45

Out: -47.342+/-0.103 χ^2/NDF:22534.7/50

All: -46.648+/-0.073 χ^2/NDF: 40195.7/96

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.144+/-0.338 χ^2/NDF: 275.0/22

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.062+/-0.341 χ^2/NDF: 343.7/25

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

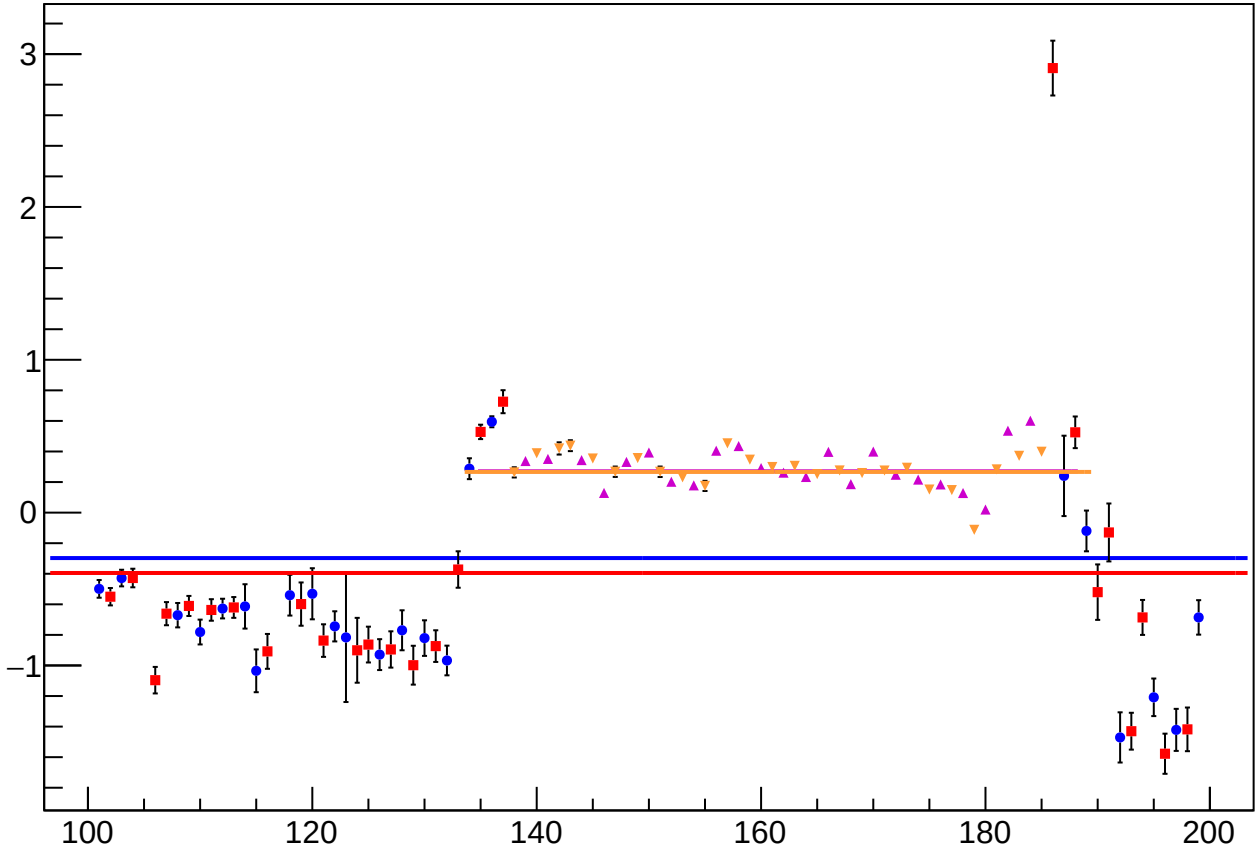
Right: 2.104+/-0.240 χ^2/NDF: 618.8/48

In: 0.892+/-0.093 χ^2/NDF:2987.5/45

Out: 0.879+/-0.092 χ^2/NDF:4103.4/50

All: 0.886+/-0.065 χ^2/NDF: 7090.9/96

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.297+/-0.018 χ^2/NDF: 1160.0/22

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.395+/-0.018 χ^2/NDF: 1480.6/25

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

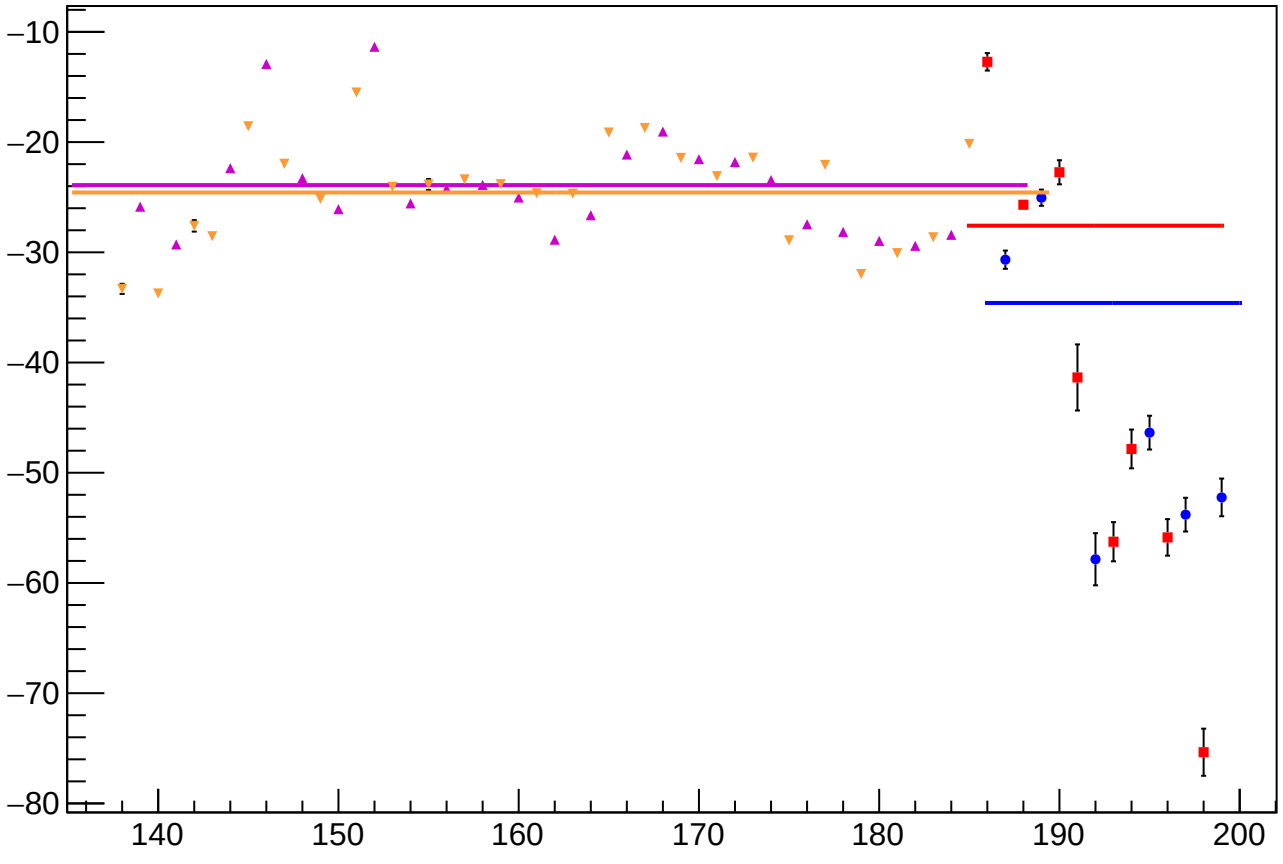
Right: -0.347+/-0.013 χ^2/NDF: 2655.7/48

In: 0.238+/-0.004 χ^2/NDF:3079.6/45

Out: 0.228+/-0.004 χ^2/NDF:3499.2/50

All: 0.233+/-0.003 χ^2/NDF: 6581.4/96

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.595+/-0.462 χ^2/NDF: 610.5/5

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -27.584+/-0.331 χ^2/NDF: 1593.9/7

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

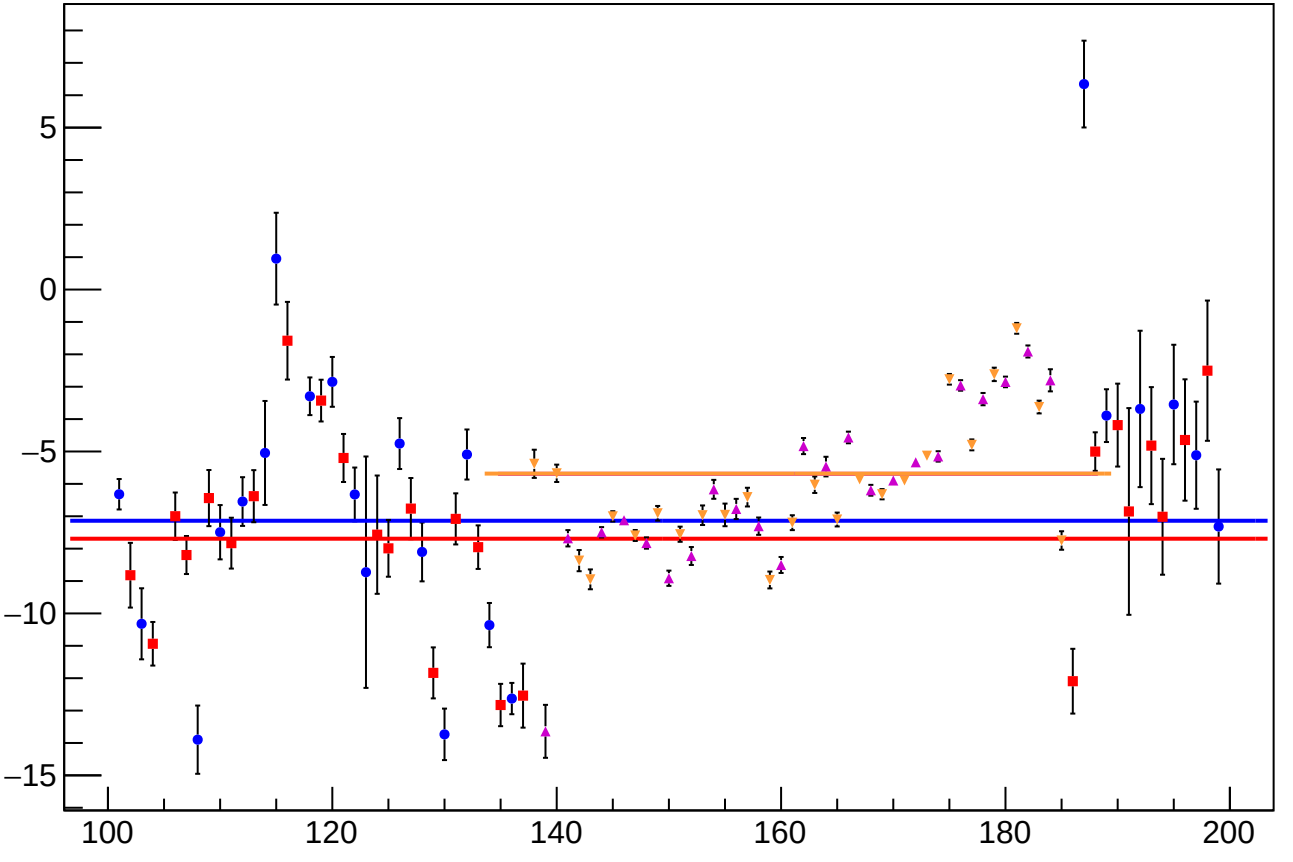
Right: -29.958+/-0.269 χ^2/NDF: 2356.6/13

In: -24.030+/-0.051 χ^2/NDF:10298.4/28

Out: -24.641+/-0.050 χ^2/NDF:10284.9/32

All: -24.336+/-0.036 χ^2/NDF: 20656.6/61

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.139+/-0.176 χ^2/NDF: 525.6/22

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.693+/-0.170 χ^2/NDF: 285.8/25

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

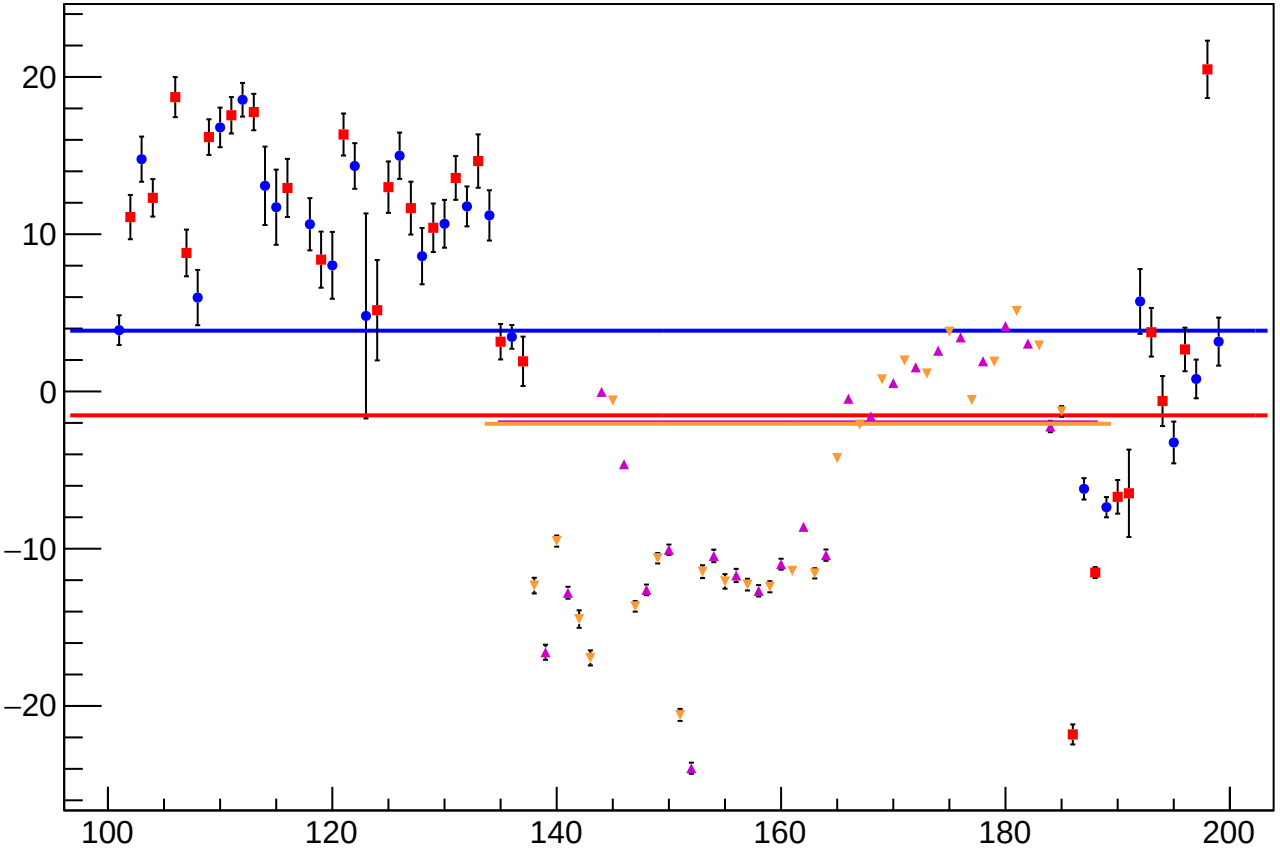
Right: -7.426+/-0.122 χ^2/NDF: 816.4/48

In: -5.763+/-0.040 χ^2/NDF:2918.0/45

Out: -5.794+/-0.040 χ^2/NDF:2648.7/50

All: -5.778+/-0.028 χ^2/NDF: 5567.0/96

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.866+/-0.256 χ^2/NDF: 1151.9/22

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.521+/-0.211 χ^2/NDF: 4056.0/25

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

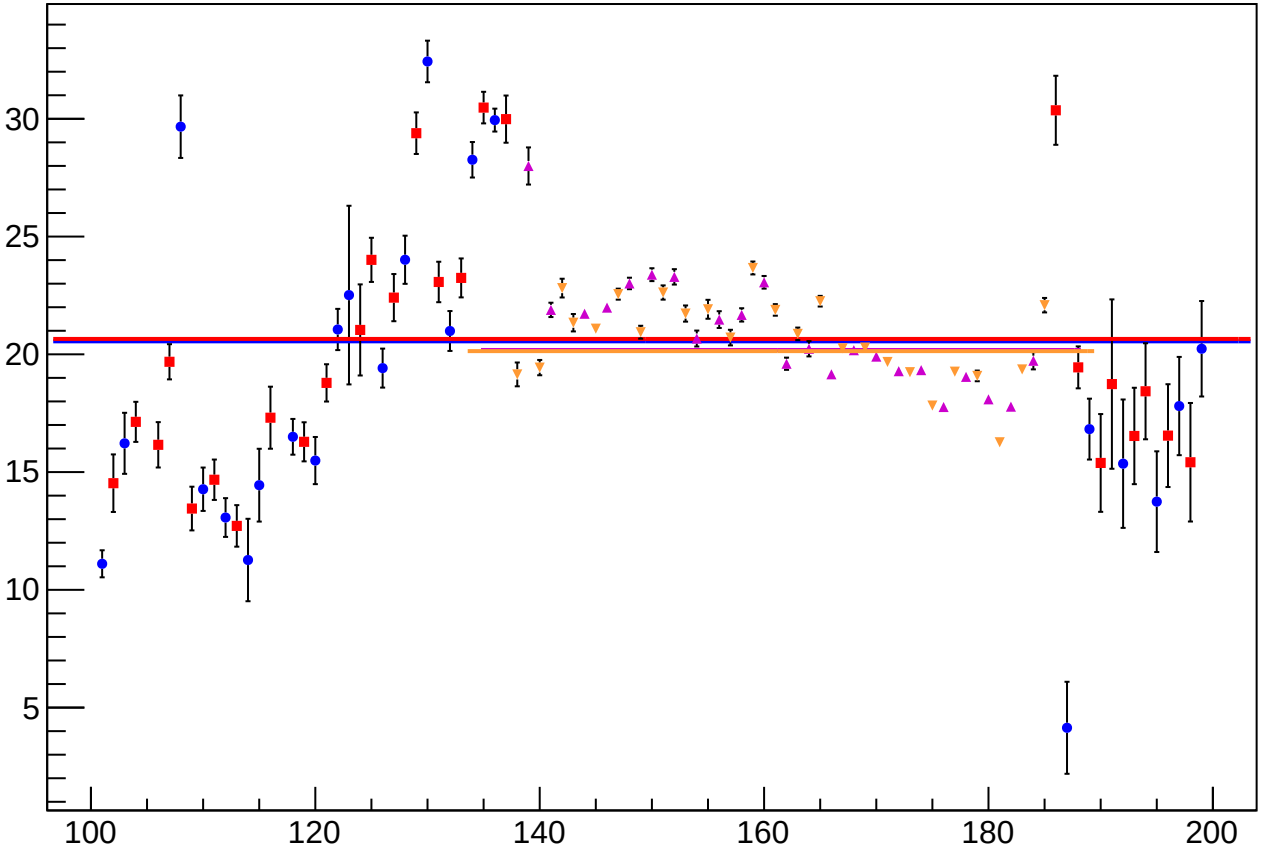
Right: 0.660+/-0.163 χ^2/NDF: 5471.8/48

In: -1.740+/-0.050 χ^2/NDF:17144.2/45

Out: -2.025+/-0.050 χ^2/NDF:20104.5/50

All: -1.883+/-0.035 χ^2/NDF: 37265.0/96

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.552+/-0.202 χ^2/NDF: 1323.8/22

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.654+/-0.200 χ^2/NDF: 794.0/25

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

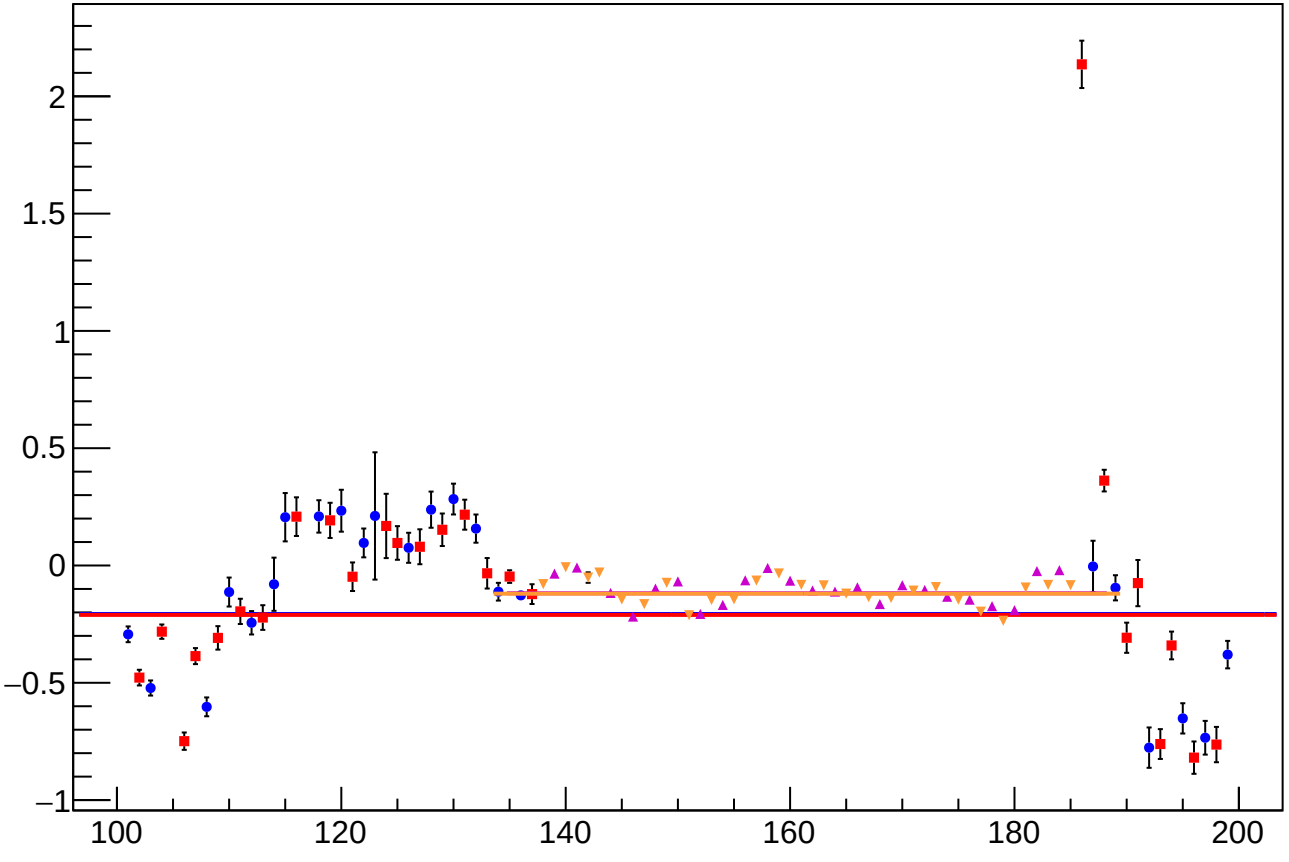
Right: 20.603+/-0.142 χ^2/NDF: 2117.9/48

In: 20.202+/-0.045 χ^2/NDF:2797.6/45

Out: 20.162+/-0.045 χ^2/NDF:2214.6/50

All: 20.182+/-0.032 χ^2/NDF: 5012.6/96

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.207+/-0.010 χ^2/NDF: 635.8/22

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.211+/-0.010 χ^2/NDF: 1445.8/25

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

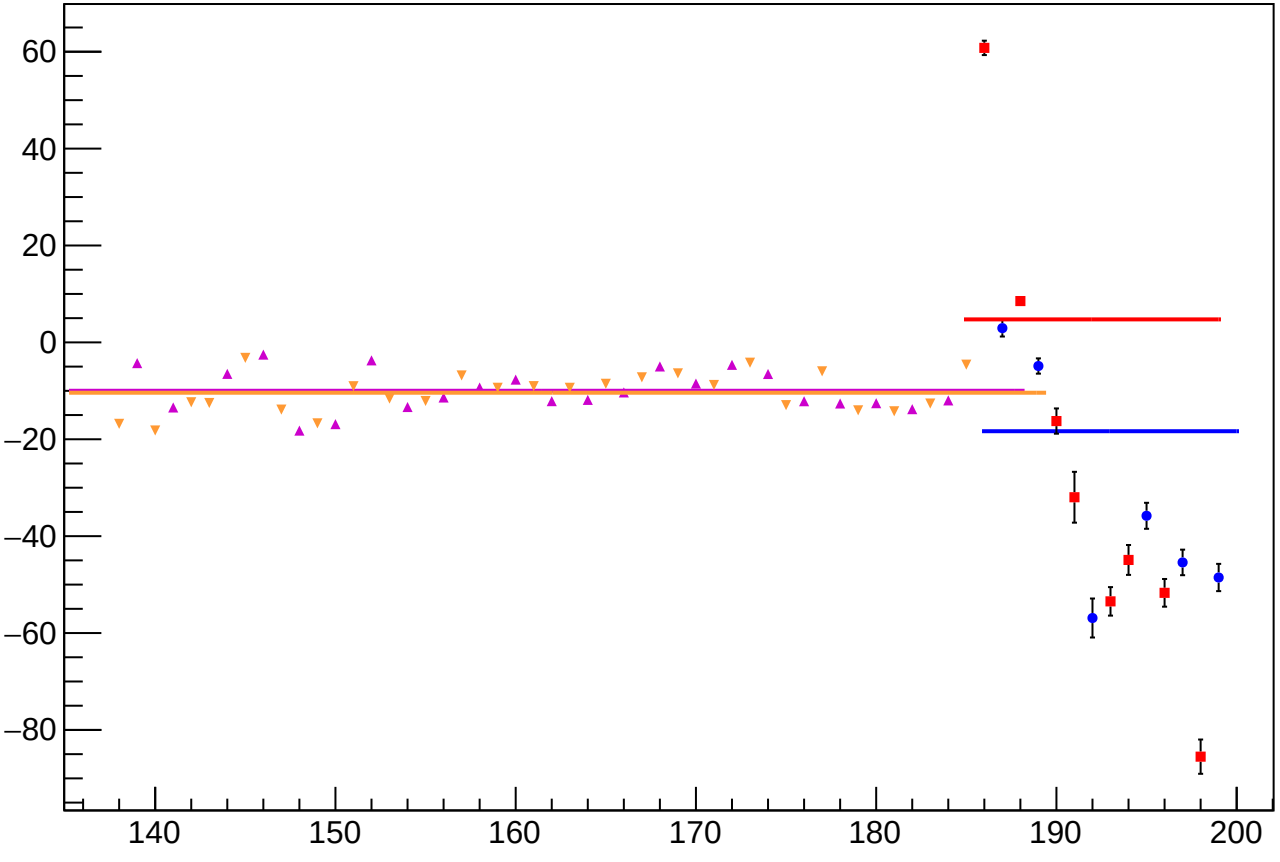
Right: -0.209+/-0.007 χ^2/NDF: 2081.6/48

In: -0.122+/-0.002 χ^2/NDF:1433.0/45

Out: -0.124+/-0.002 χ^2/NDF:2057.7/50

All: -0.123+/-0.001 χ^2/NDF: 3491.2/96

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.337+/-0.910 χ^2/NDF: 578.6/5

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 4.745+/-0.644 χ^2/NDF: 3246.2/7

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

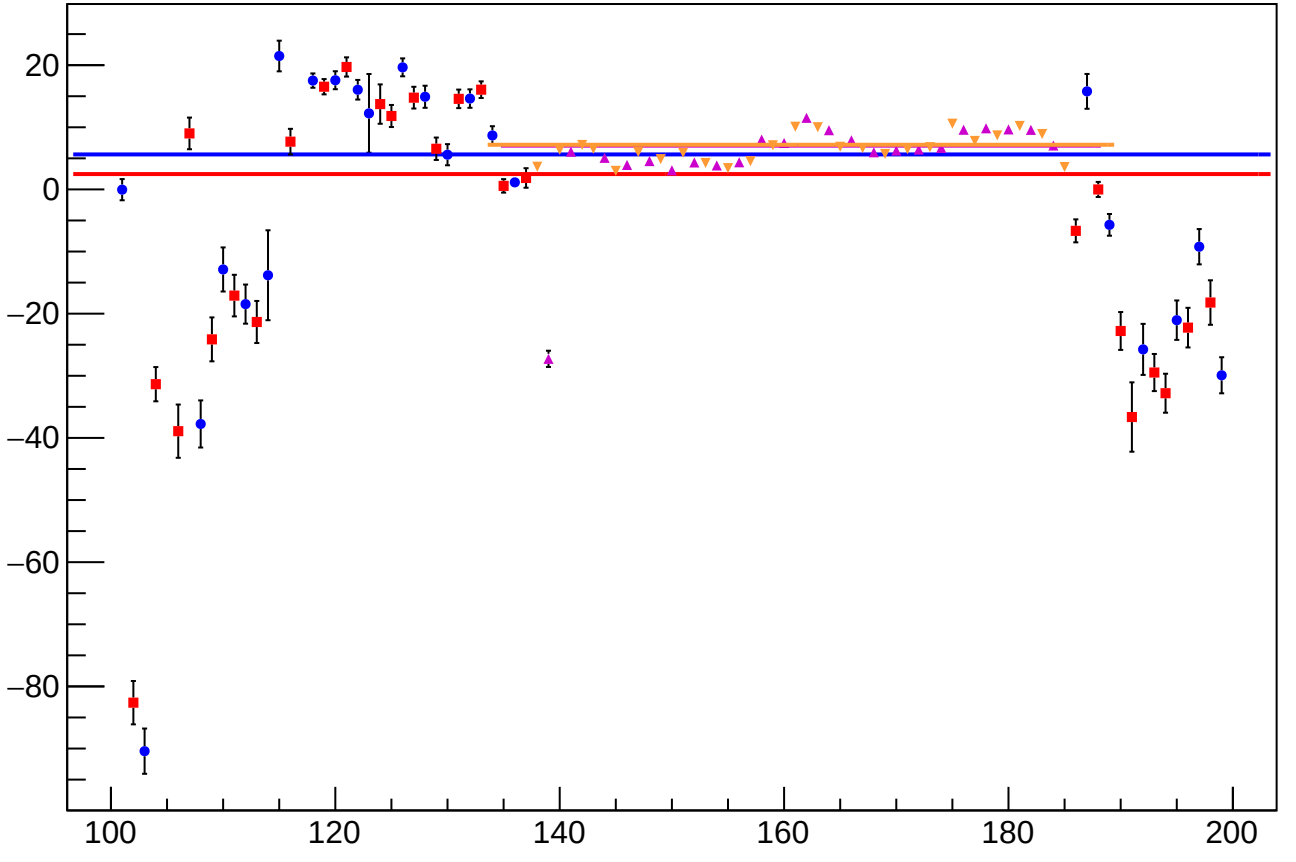
Right: -2.947+/-0.526 χ^2/NDF: 4253.5/13

In: -10.069+/-0.089 χ^2/NDF:2456.0/28

Out: -10.115+/-0.087 χ^2/NDF:5901.7/32

All: -10.092+/-0.062 χ^2/NDF: 8357.9/61

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.631+/-0.377 χ^2/NDF: 1747.4/22

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 2.469+/-0.384 χ^2/NDF: 1993.0/25

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

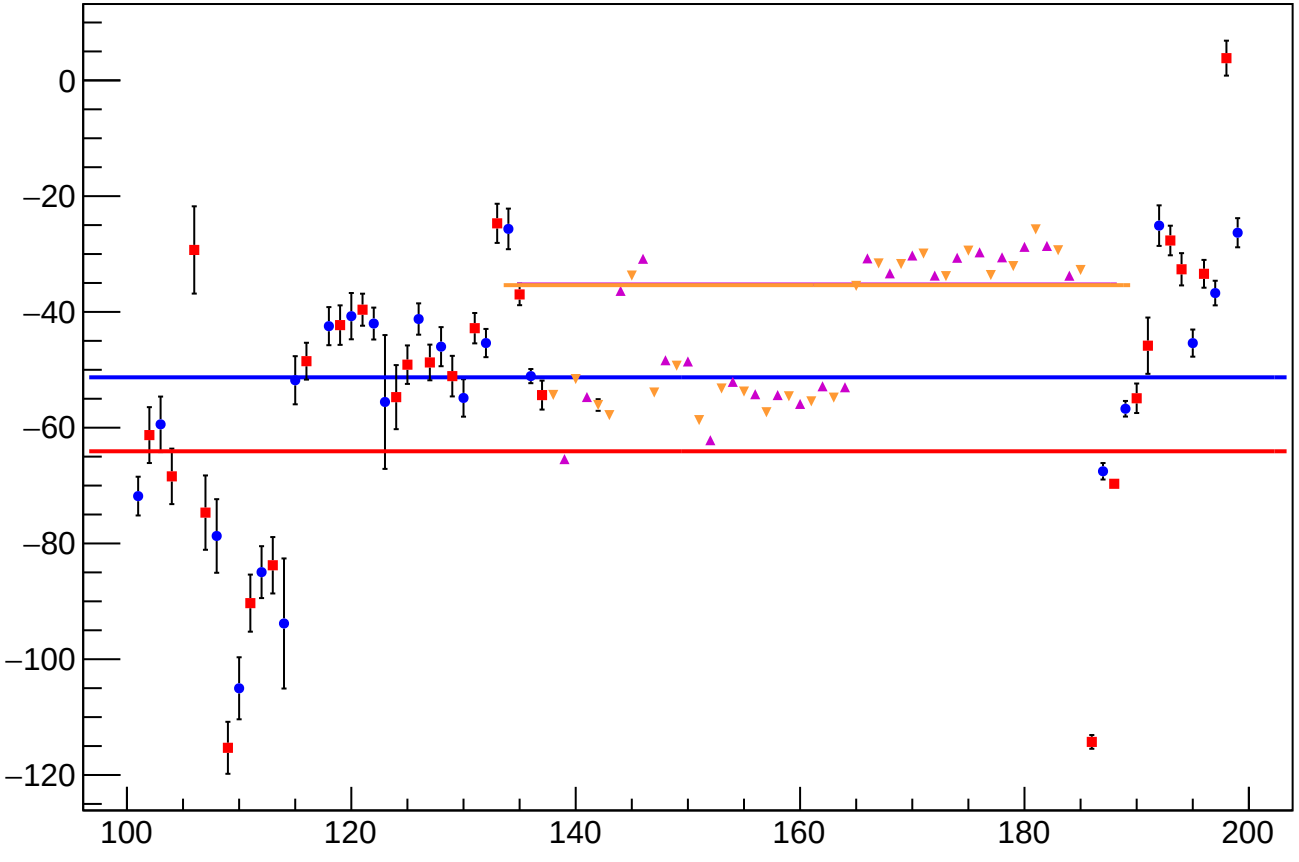
Right: 4.076+/-0.269 χ^2/NDF: 3774.9/48

In: 6.991+/-0.073 χ^2/NDF:3365.4/45

Out: 7.020+/-0.072 χ^2/NDF:3055.3/50

All: 7.005+/-0.051 χ^2/NDF: 6420.8/96

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.299+/-0.533 χ^2/NDF: 686.7/22

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -64.077+/-0.442 χ^2/NDF: 3711.2/25

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

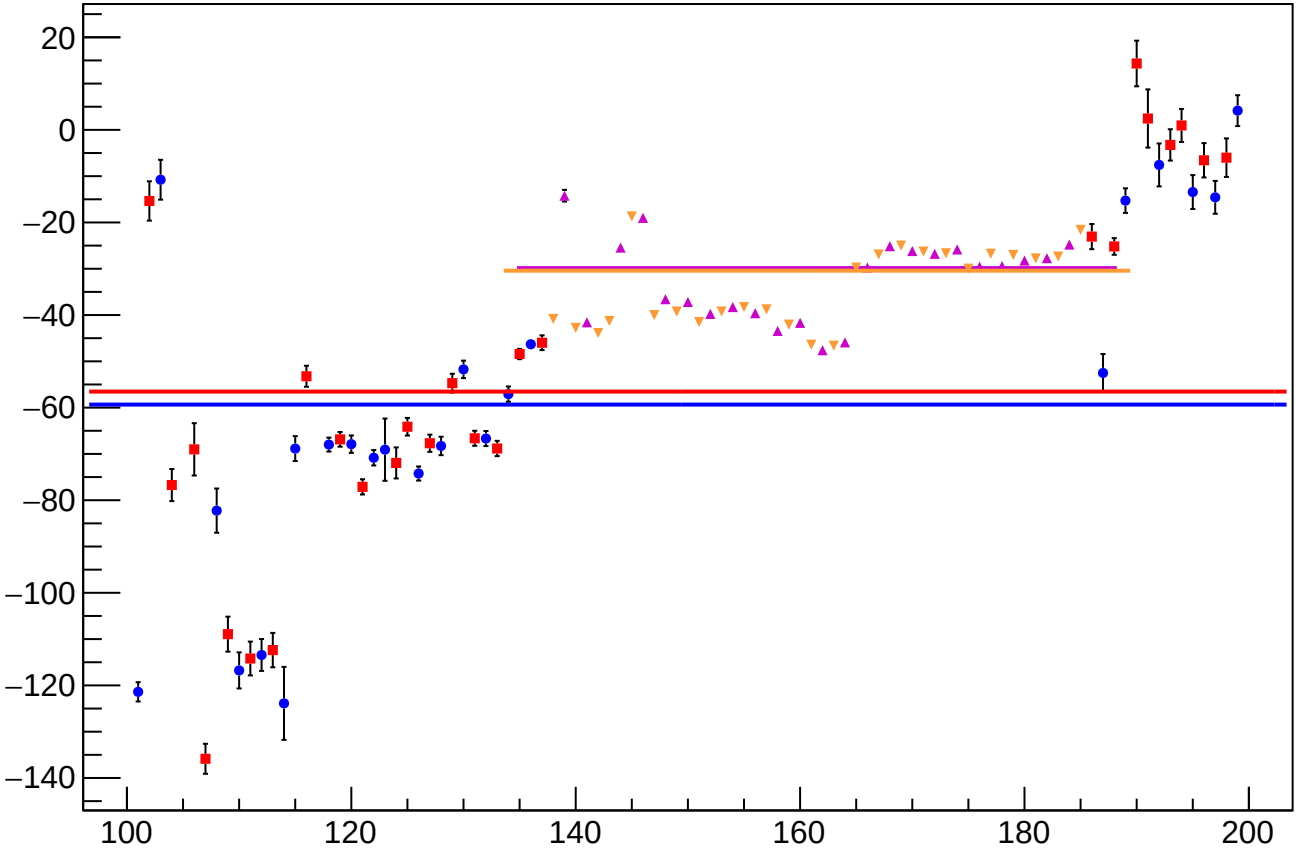
Right: -58.871+/-0.340 χ^2/NDF: 4738.8/48

In: -35.703+/-0.089 χ^2/NDF:13337.1/45

Out: -36.498+/-0.087 χ^2/NDF:20394.8/50

All: -36.106+/-0.062 χ^2/NDF: 33772.8/96

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -59.342+/-0.425 χ^2/NDF: 3189.9/22

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -56.536+/-0.443 χ^2/NDF: 3449.3/25

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

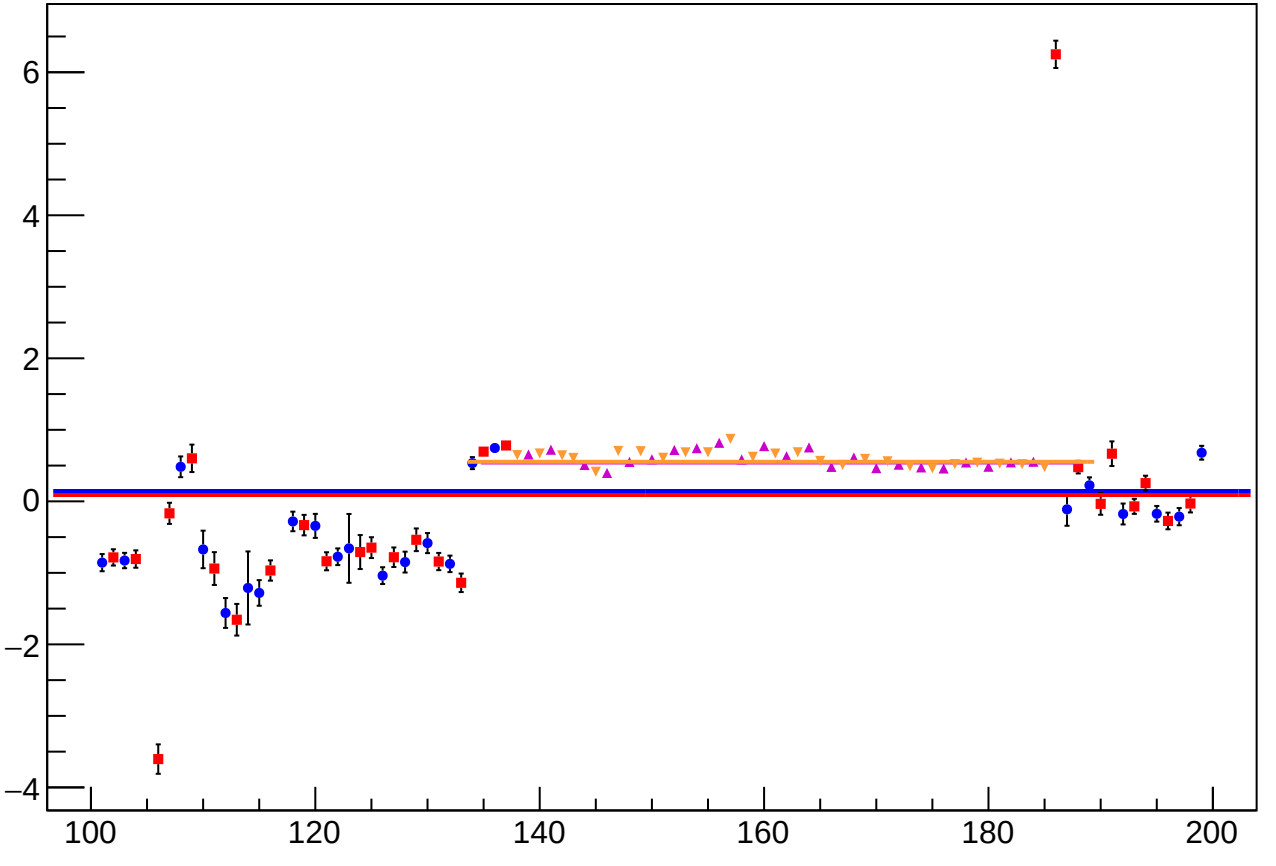
Right: -57.996+/-0.307 χ^2/NDF: 6660.1/48

In: -30.927+/-0.081 χ^2/NDF:14971.1/45

Out: -31.273+/-0.080 χ^2/NDF:14945.1/50

All: -31.101+/-0.057 χ^2/NDF: 29925.5/96

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.145+/-0.022 χ^2/NDF: 1044.7/22

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.089+/-0.022 χ^2/NDF: 2264.8/25

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

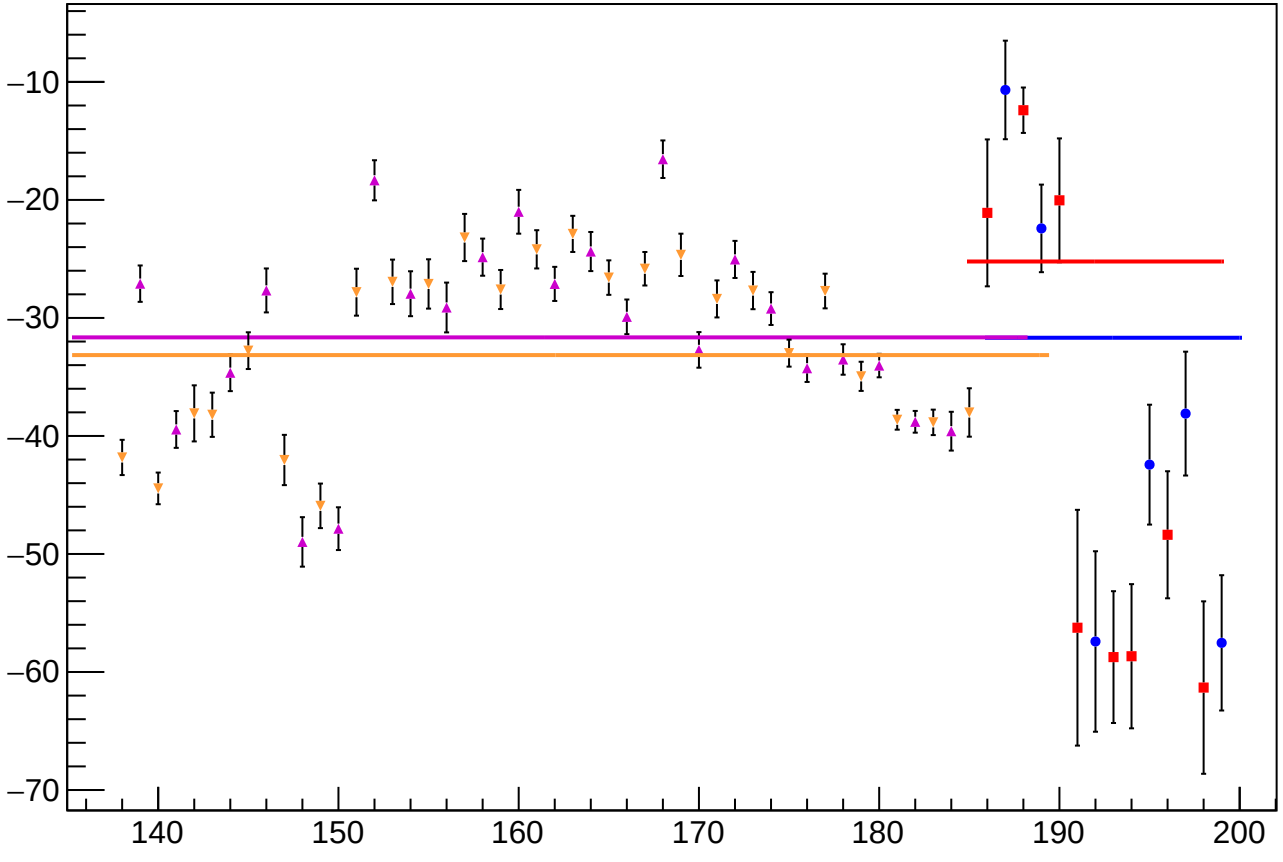
Right: 0.118+/-0.016 χ^2/NDF: 3312.7/48

In: 0.532+/-0.004 χ^2/NDF:2035.3/45

Out: 0.540+/-0.004 χ^2/NDF:3228.3/50

All: 0.536+/-0.003 χ^2/NDF: 5266.3/96

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.679+/-1.990 χ^2/NDF: 69.2/5

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -25.218+/-1.483 χ^2/NDF: 164.4/7

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

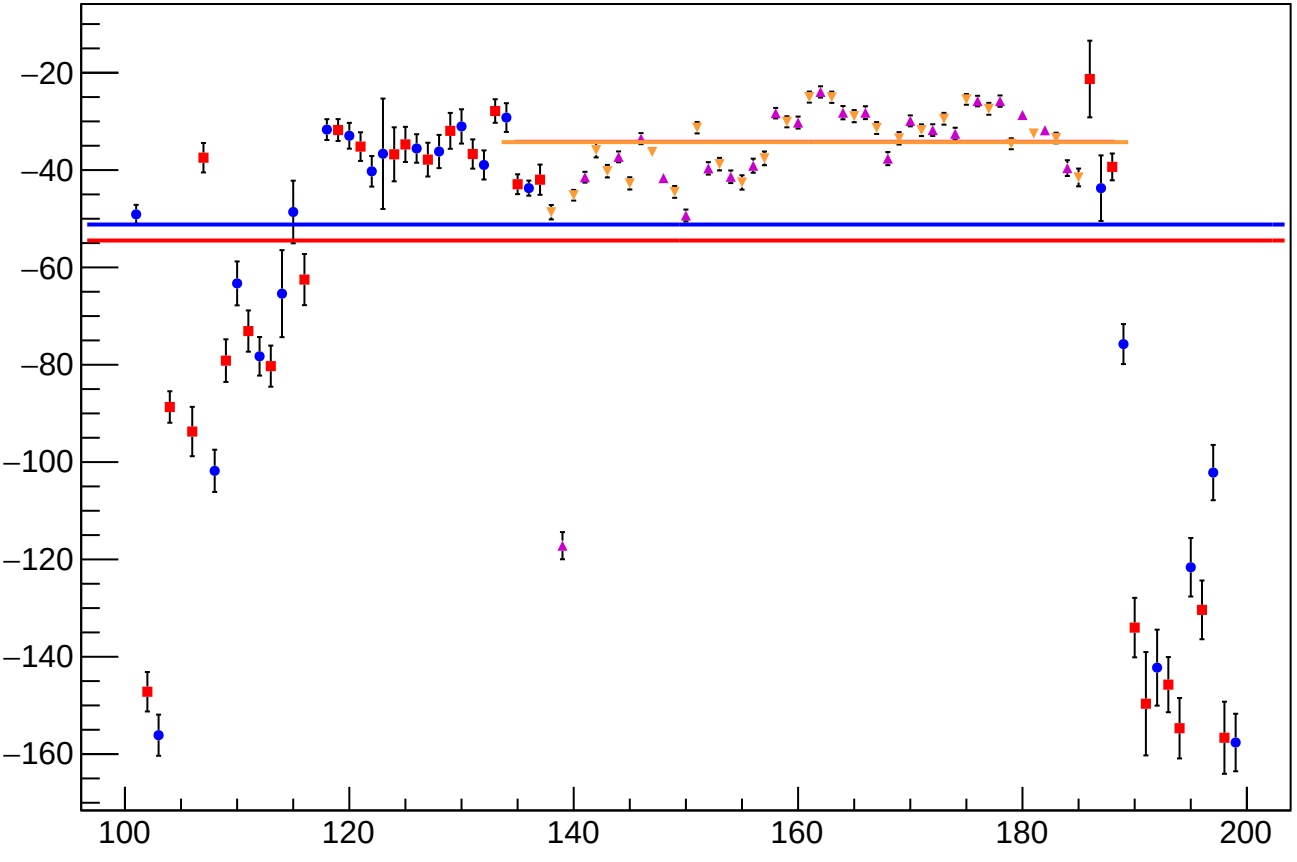
Right: -27.526+/-1.189 χ^2/NDF: 240.3/13

In: -31.648+/-0.304 χ^2/NDF:616.1/28

Out: -32.835+/-0.295 χ^2/NDF:691.8/32

All: -32.260+/-0.212 χ^2/NDF: 1315.7/61

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -51.188+/-0.690 χ^2/NDF: 1844.7/22

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -54.473+/-0.708 χ^2/NDF: 2431.8/25

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

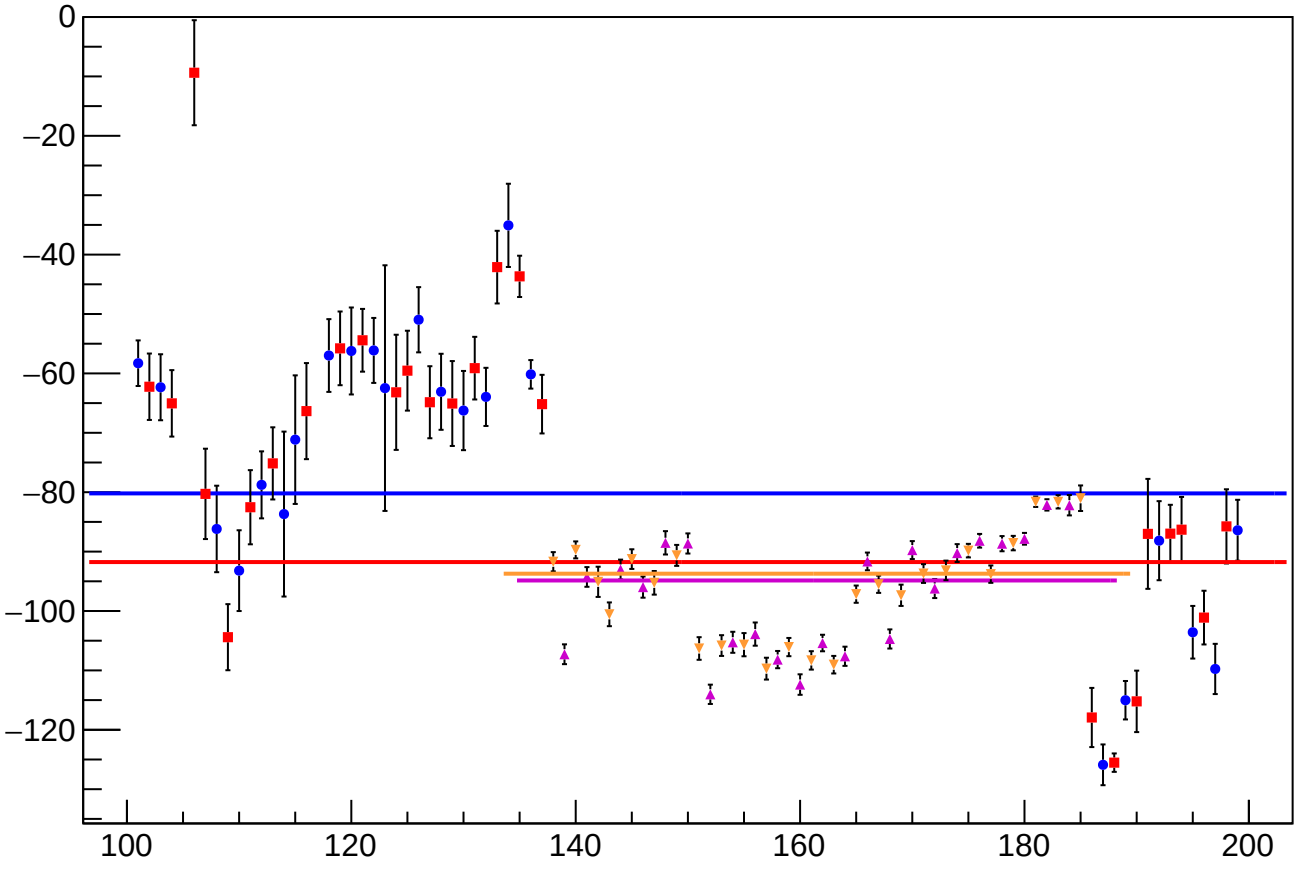
Right: -52.789+/-0.494 χ^2/NDF: 4287.5/48

In: -36.164+/-0.235 χ^2/NDF:3927.0/45

Out: -36.374+/-0.229 χ^2/NDF:3855.6/50

All: -36.272+/-0.164 χ^2/NDF: 7783.0/96

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -80.201+/-1.037 χ^2/NDF: 627.9/22

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.761+/-0.922 χ^2/NDF: 1167.7/25

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

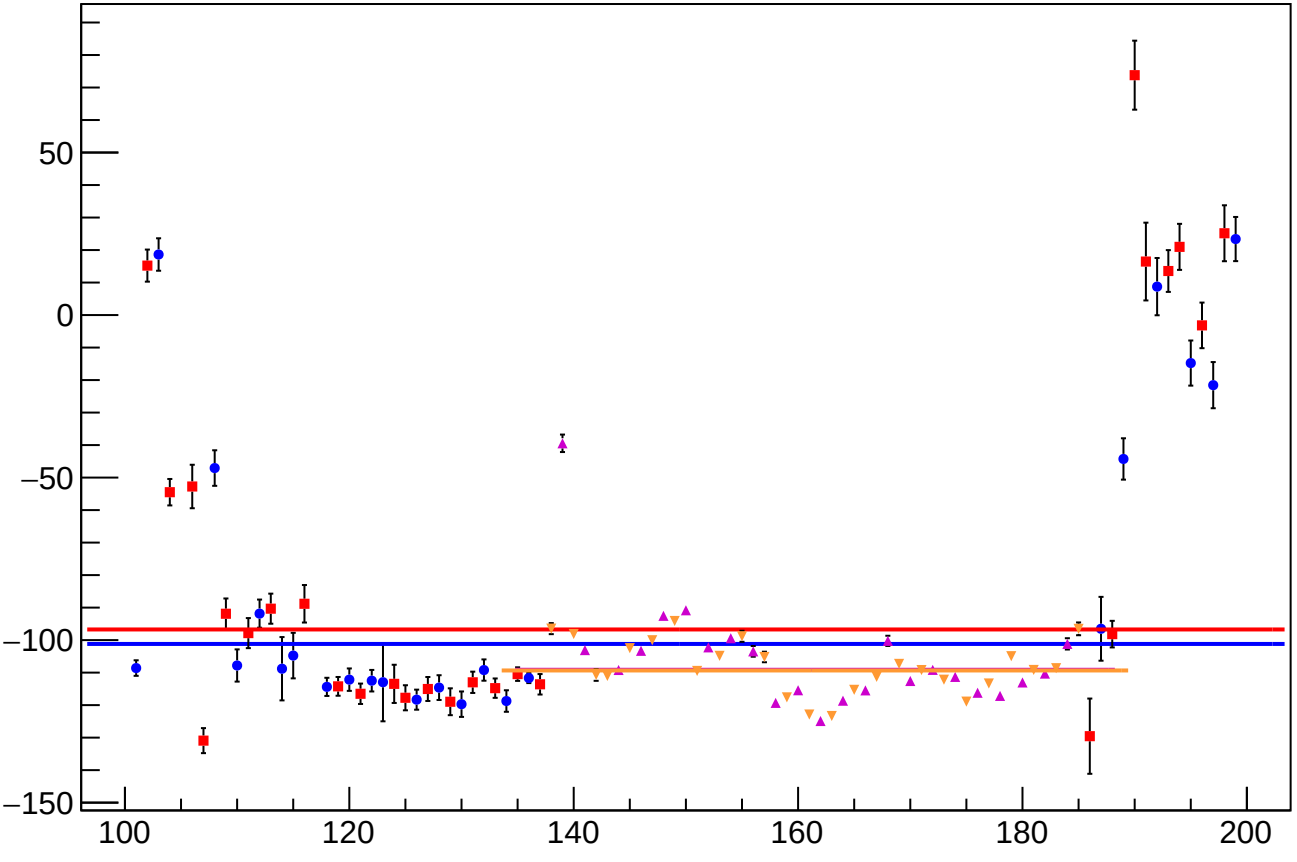
Right: -86.658+/-0.689 χ^2/NDF: 1865.0/48

In: -93.677+/-0.295 χ^2/NDF:1797.2/45

Out: -93.529+/-0.287 χ^2/NDF:2049.9/50

All: -93.601+/-0.206 χ^2/NDF: 3847.3/96

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -101.180+/-0.783 χ^2/NDF: 1733.8/22

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -96.724+/-0.815 χ^2/NDF: 2355.4/25

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

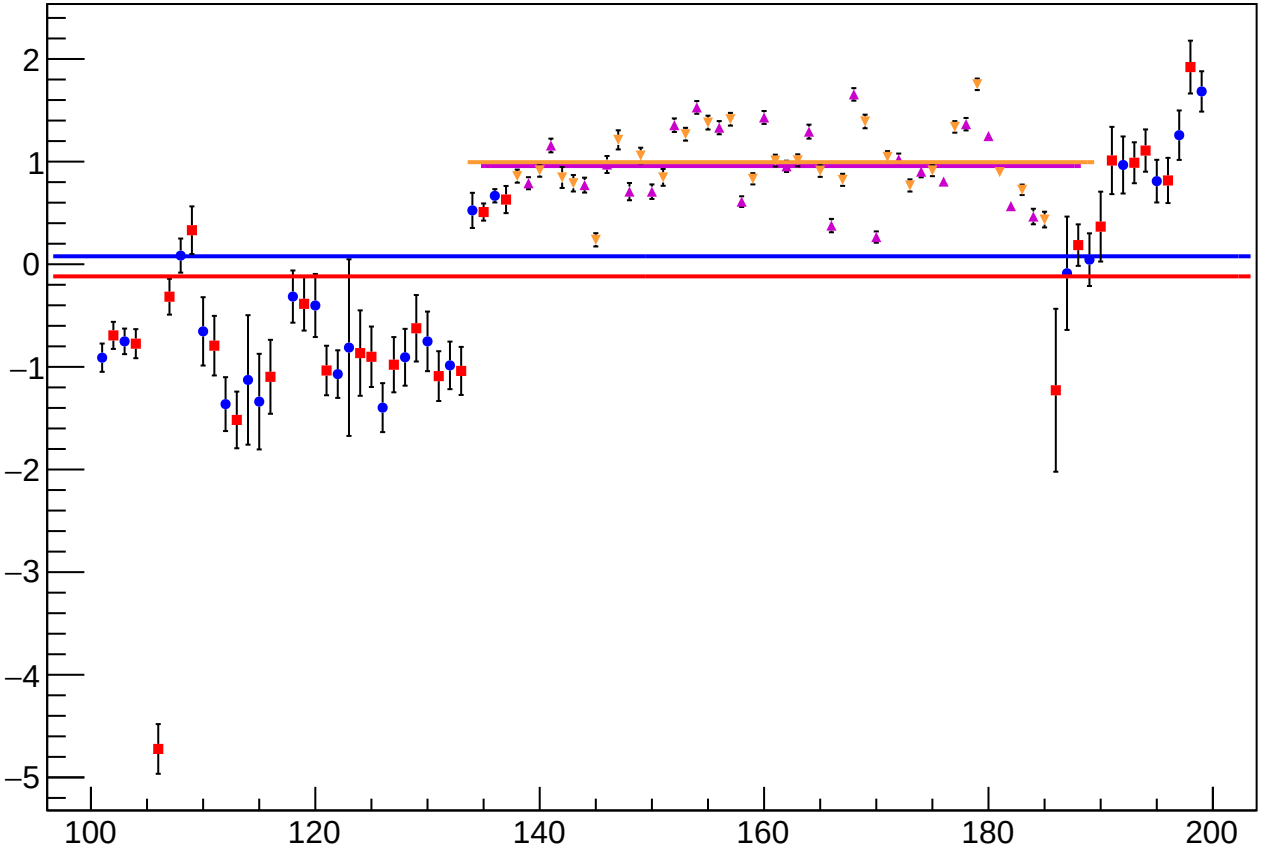
Right: -99.039+/-0.565 χ^2/NDF: 4104.7/48

In: -108.231+/-0.263 χ^2/NDF:3403.8/45

Out: -108.074+/-0.258 χ^2/NDF:3397.3/50

All: -108.151+/-0.184 χ^2/NDF: 6801.3/96

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.078+/-0.039 χ^2/NDF: 456.8/22

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.118+/-0.039 χ^2/NDF: 768.7/25

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

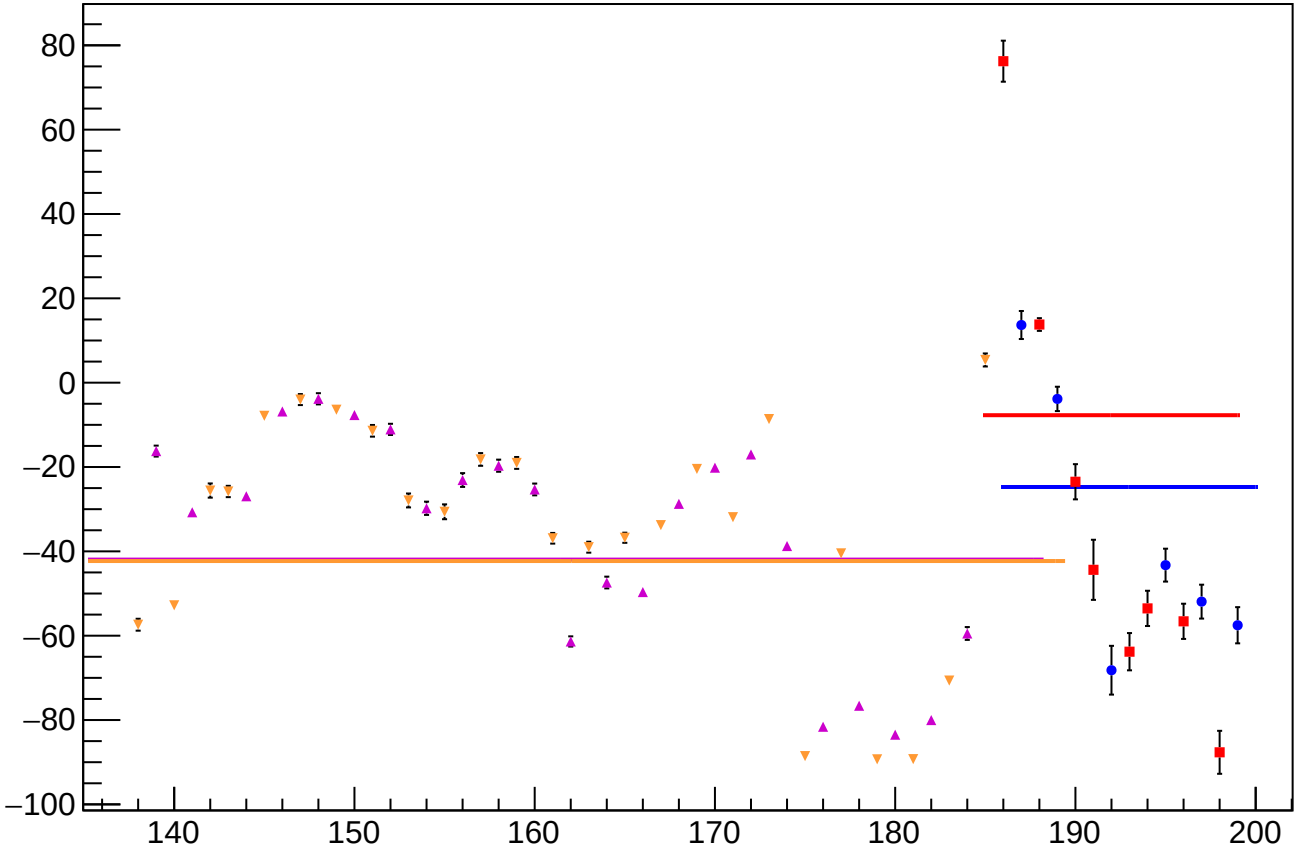
Right: -0.019+/-0.028 χ^2/NDF: 1238.0/48

In: 0.873+/-0.012 χ^2/NDF:1815.2/45

Out: 0.894+/-0.012 χ^2/NDF:2129.6/50

All: 0.884+/-0.008 χ^2/NDF: 3946.2/96

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.739+/-1.539 χ^2/NDF: 369.0/5

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -7.714+/-1.144 χ^2/NDF: 1206.1/7

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

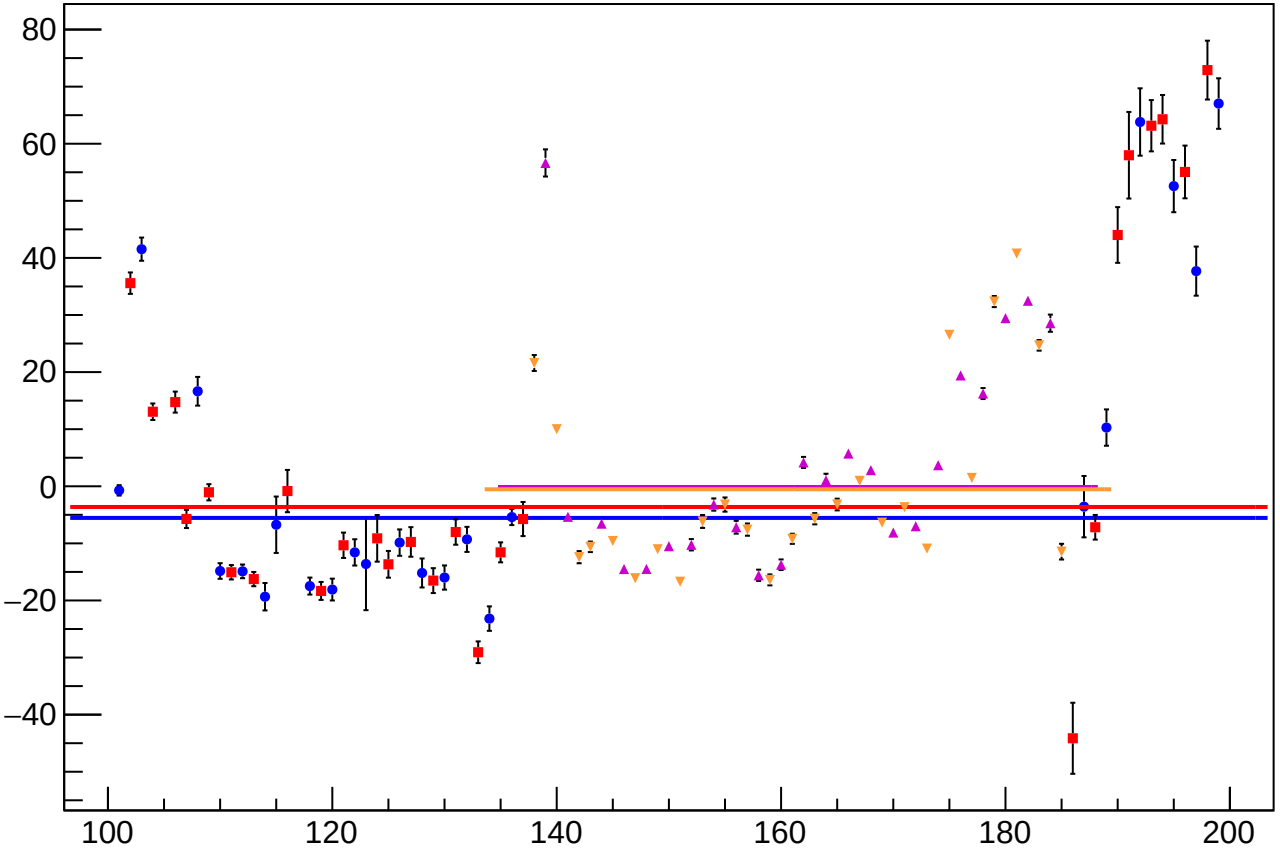
Right: -13.776+/-0.918 χ^2/NDF: 1653.9/13

In: -41.592+/-0.224 χ^2/NDF:15214.9/28

Out: -41.036+/-0.218 χ^2/NDF:20353.4/32

All: -41.308+/-0.156 χ^2/NDF: 35571.5/61

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.540+/-0.416 χ^2/NDF: 1705.5/22

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -3.625+/-0.412 χ^2/NDF: 2282.6/25

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

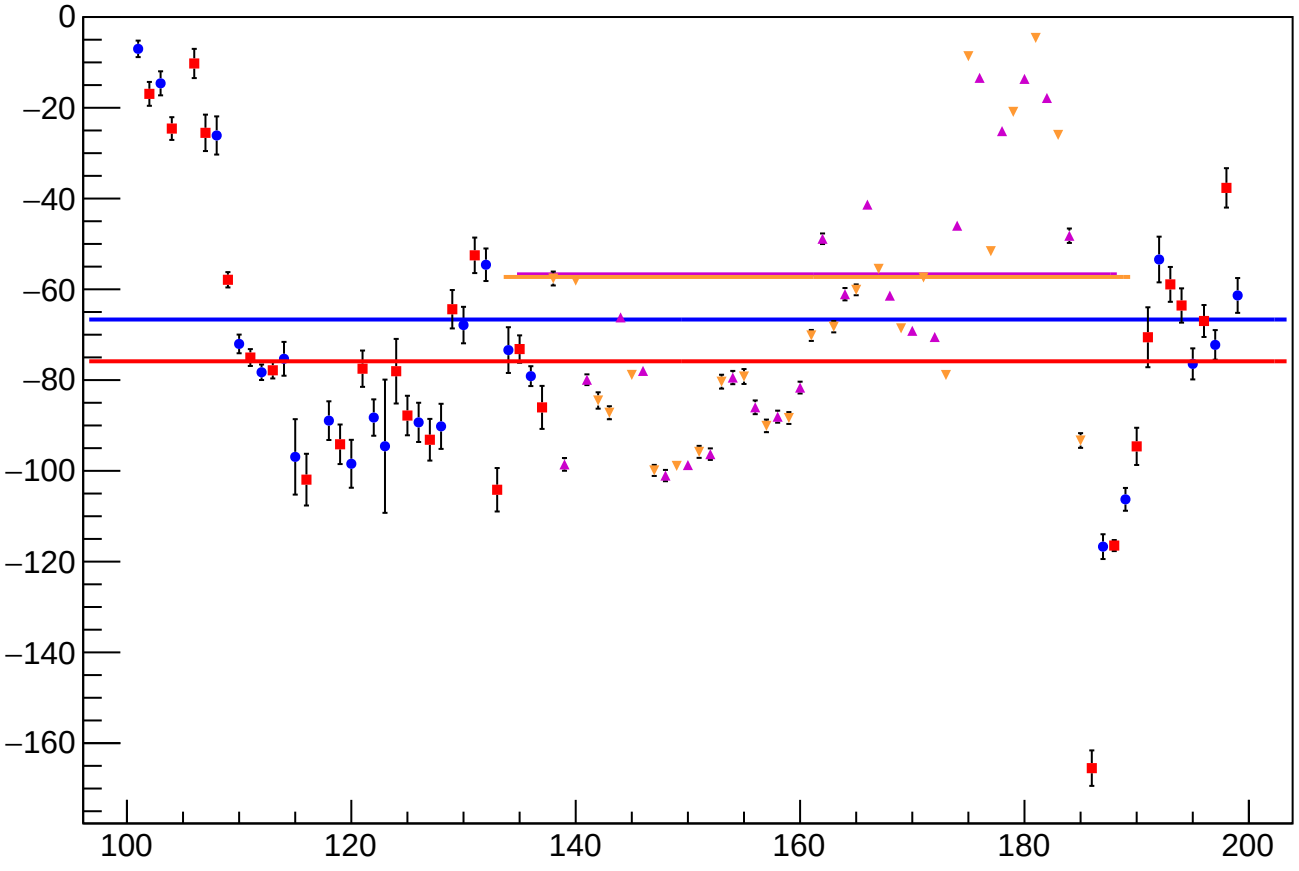
Right: -4.574+/-0.292 χ^2/NDF: 3998.8/48

In: -0.969+/-0.164 χ^2/NDF:8773.9/45

Out: -1.000+/-0.161 χ^2/NDF:11038.5/50

All: -0.985+/-0.115 χ^2/NDF: 19812.4/96

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.655+/-0.647 χ^2/NDF: 2424.4/22

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -75.860+/-0.569 χ^2/NDF: 3524.2/25

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

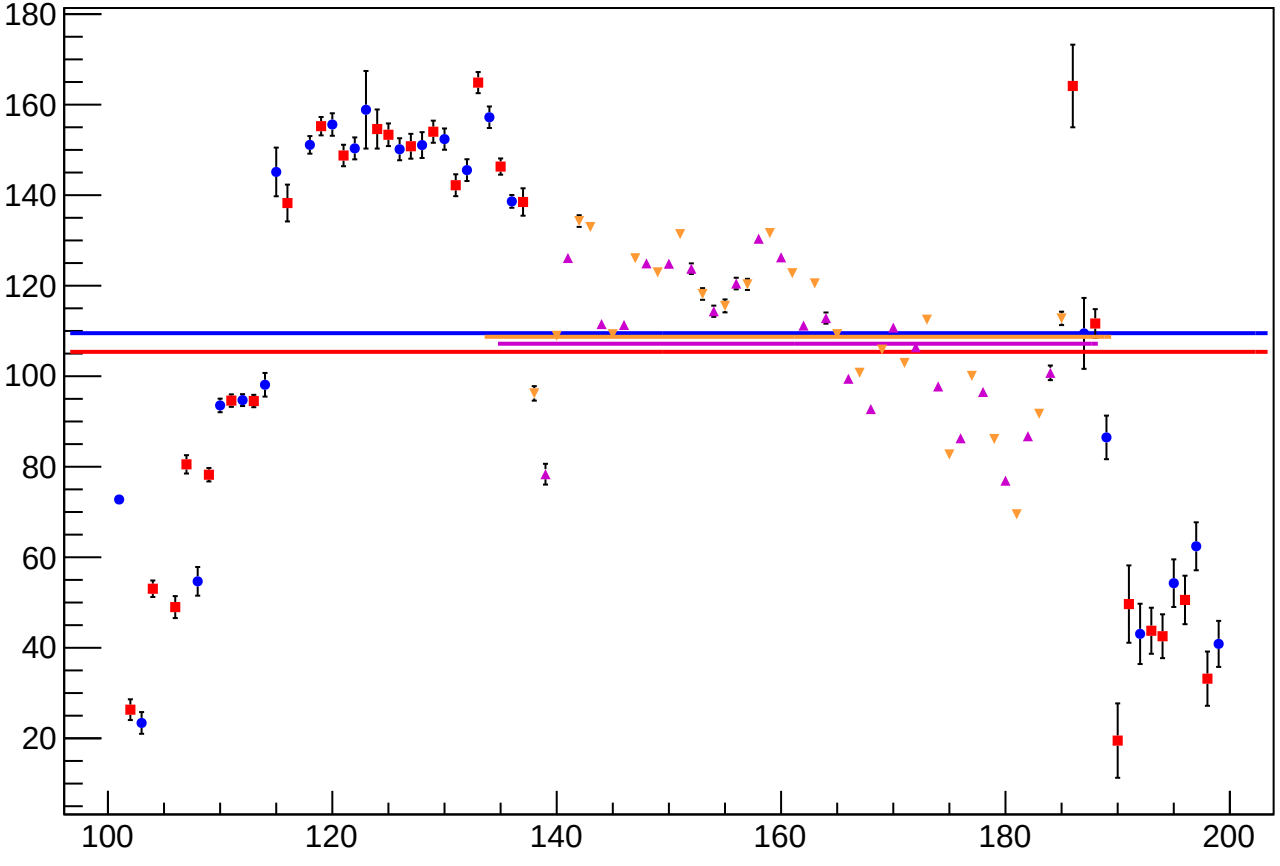
Right: -71.849+/-0.427 χ^2/NDF: 6062.6/48

In: -57.786+/-0.213 χ^2/NDF:19182.5/45

Out: -59.762+/-0.208 χ^2/NDF:22959.6/50

All: -58.799+/-0.149 χ^2/NDF: 42186.1/96

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 109.511+/-0.476 χ^2/NDF: 6471.6/22

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 105.385+/-0.473 χ^2/NDF: 7613.2/25

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

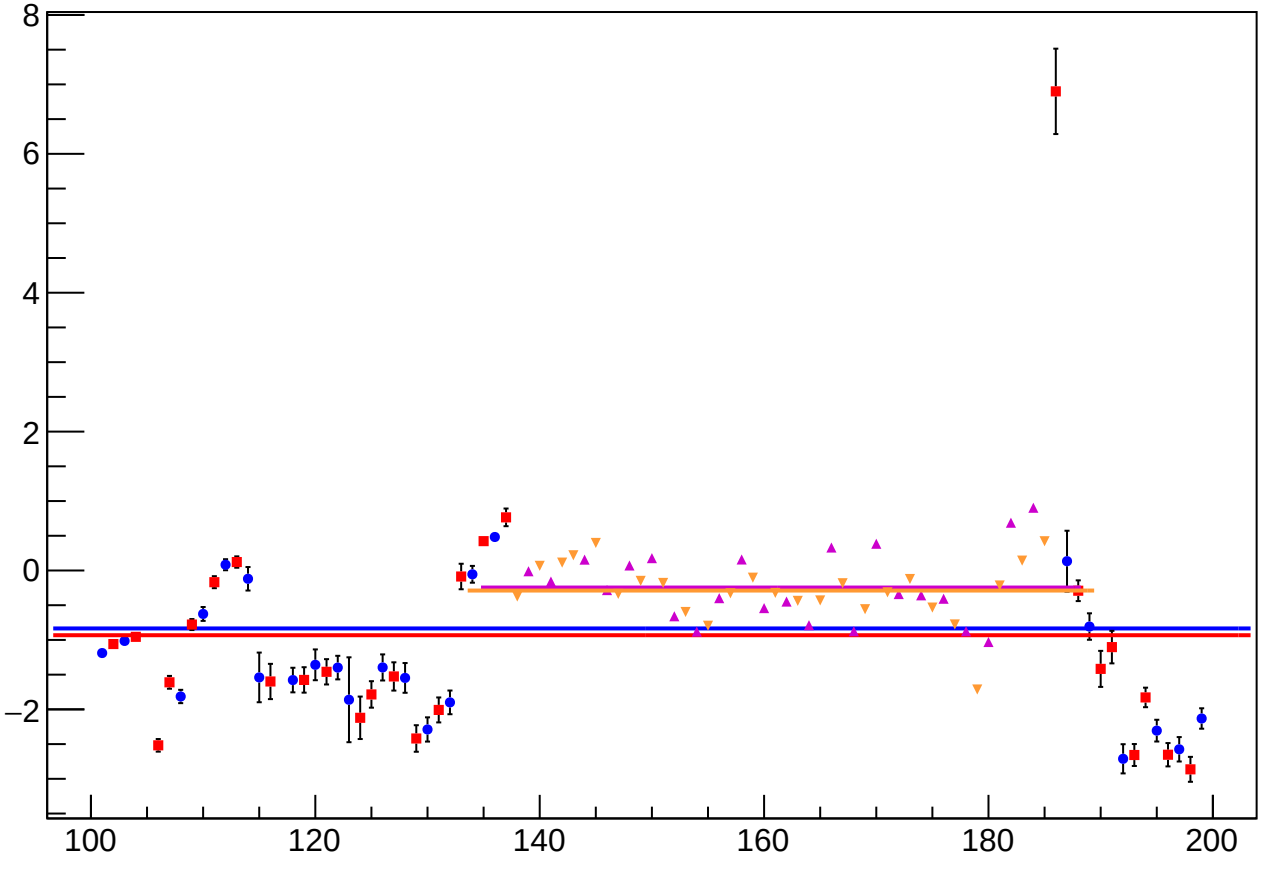
Right: 107.436+/-0.335 χ^2/NDF: 14122.6/48

In: 107.535+/-0.186 χ^2/NDF:12084.3/45

Out: 108.214+/-0.182 χ^2/NDF:14952.2/50

All: 107.881+/-0.130 χ^2/NDF: 27043.2/96

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.835+/-0.024 χ^2/NDF: 1371.8/22

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.932+/-0.023 χ^2/NDF: 1898.3/25

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

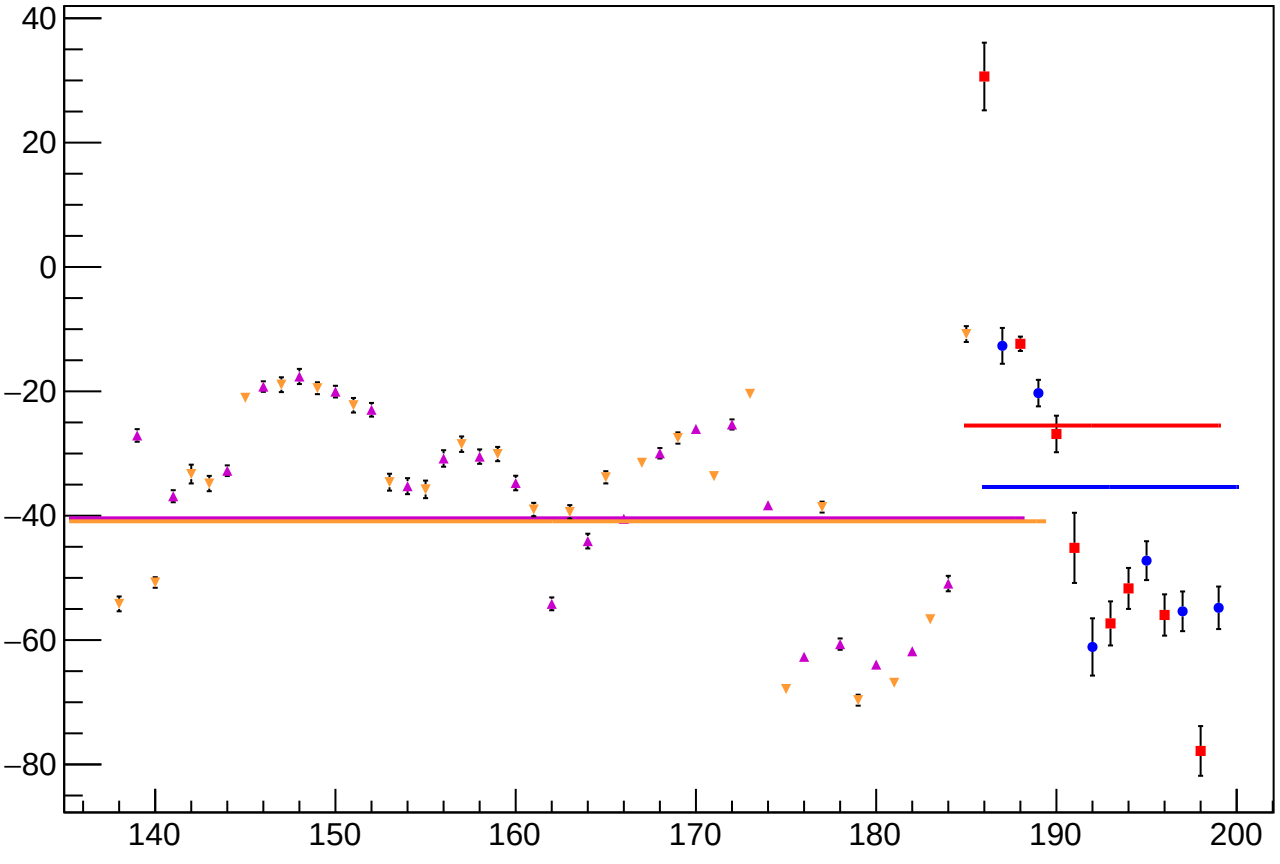
Right: -0.886+/-0.017 χ^2/NDF: 3278.6/48

In: -0.319+/-0.009 χ^2/NDF:4686.1/45

Out: -0.376+/-0.008 χ^2/NDF:4619.4/50

All: -0.348+/-0.006 χ^2/NDF: 9328.1/96

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.380+/-1.219 χ^2/NDF: 229.1/5

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -25.499+/-0.893 χ^2/NDF: 647.5/7

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

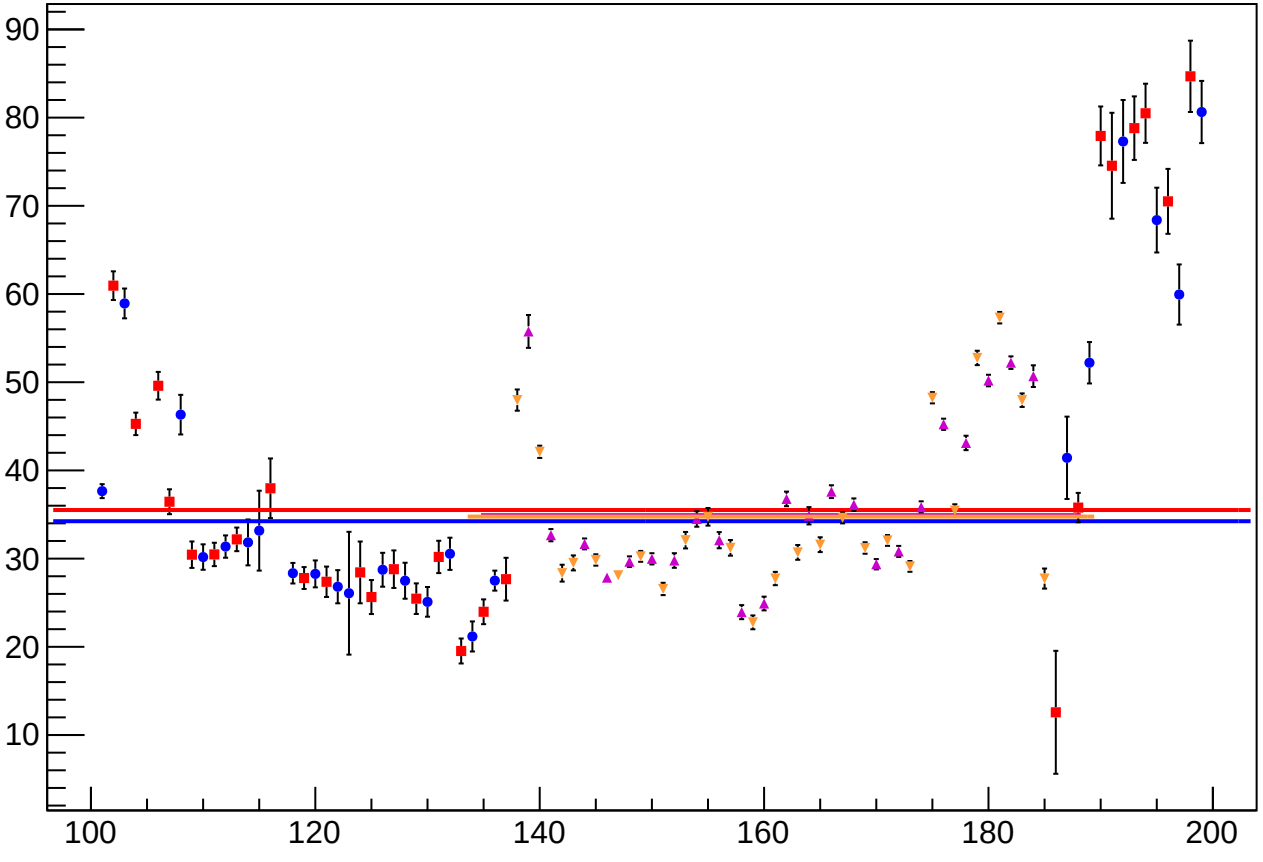
Right: -28.948+/-0.720 χ^2/NDF: 919.4/13

In: -40.304+/-0.187 χ^2/NDF:7276.0/28

Out: -40.253+/-0.182 χ^2/NDF:10047.4/32

All: -40.278+/-0.130 χ^2/NDF: 17323.5/61

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.241+/-0.360 χ^2/NDF: 940.6/22

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 35.509+/-0.360 χ^2/NDF: 1542.9/25

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

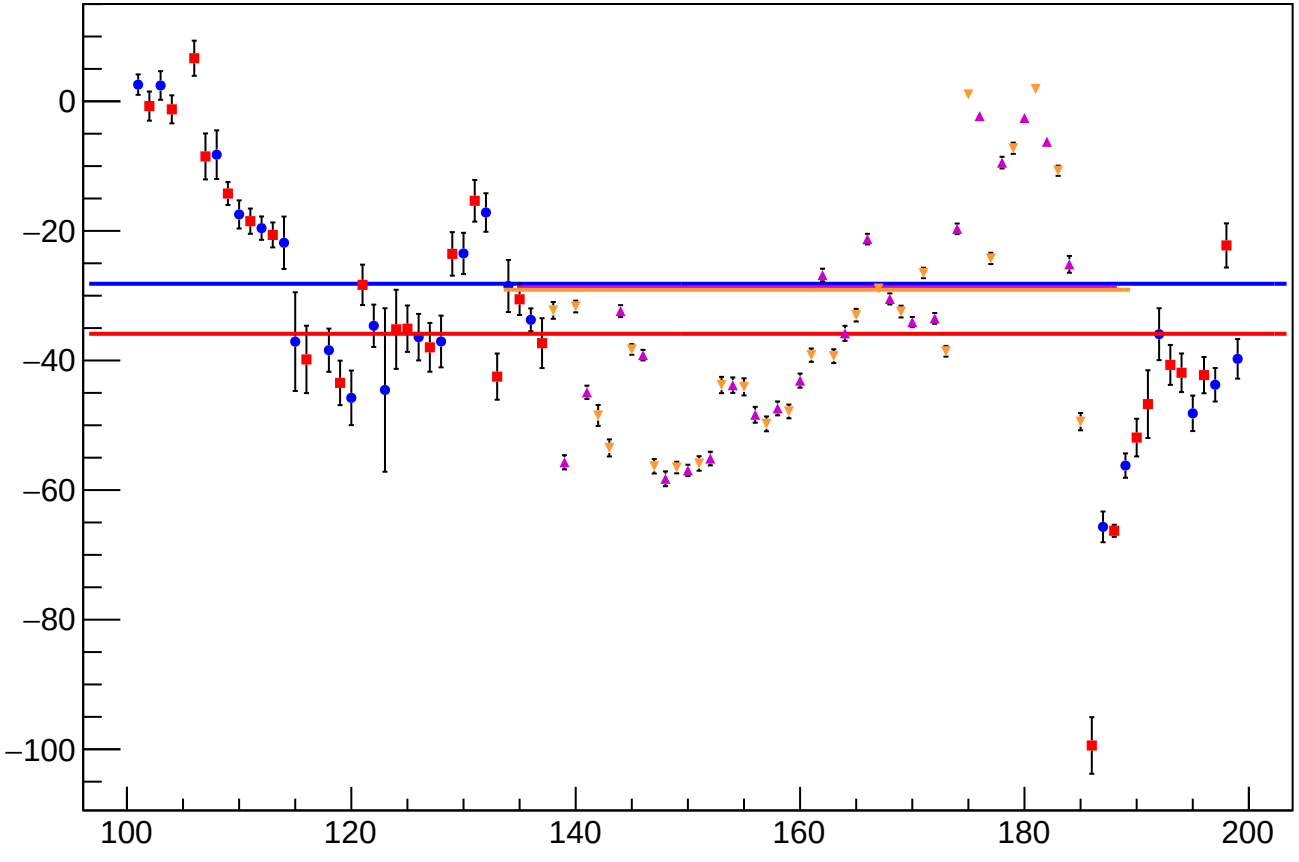
Right: 34.875+/-0.255 χ^2/NDF: 2489.7/48

In: 34.825+/-0.139 χ^2/NDF:3632.1/45

Out: 34.875+/-0.137 χ^2/NDF:5223.9/50

All: 34.850+/-0.098 χ^2/NDF: 8856.1/96

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.158+/-0.562 χ^2/NDF: 1301.3/22

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -35.881+/-0.490 χ^2/NDF: 2507.6/25

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

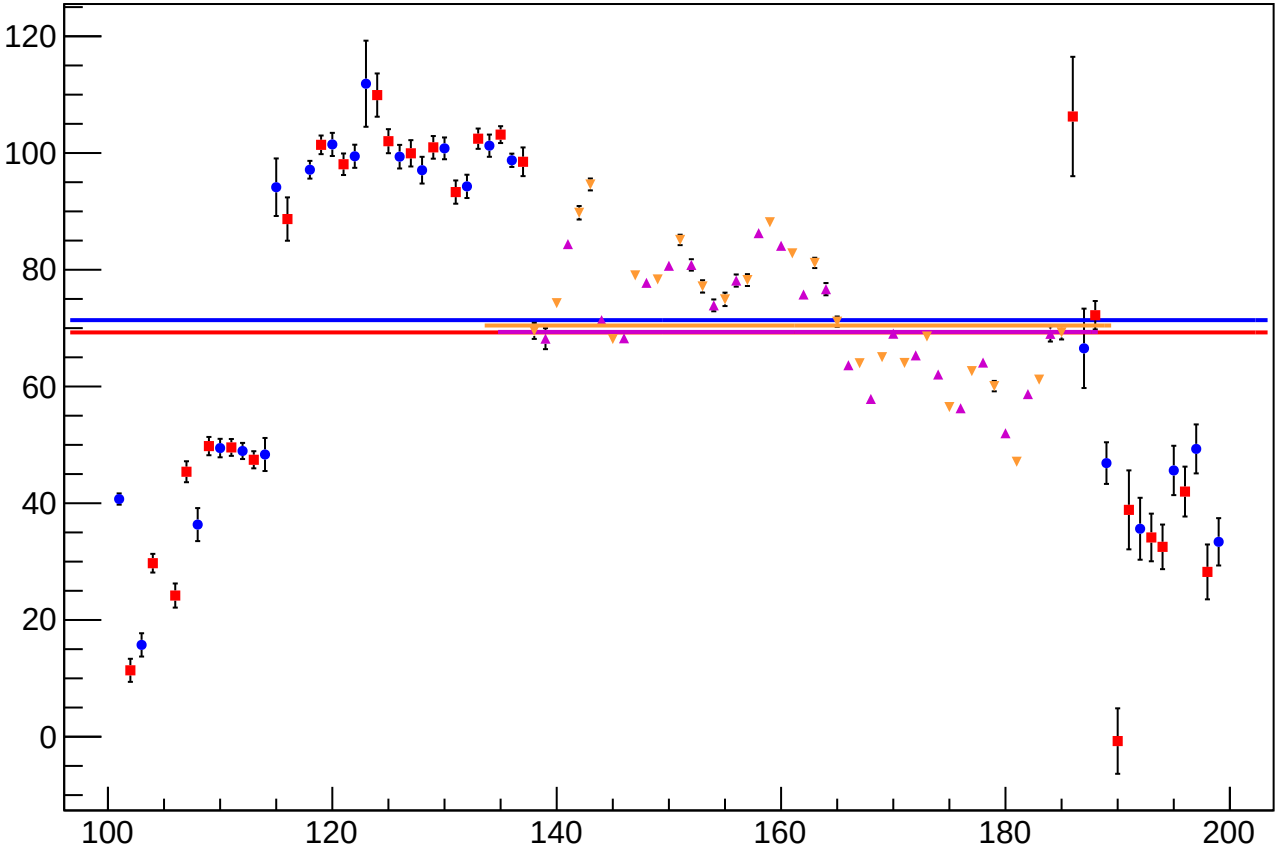
Right: -32.545+/-0.369 χ^2/NDF: 3916.4/48

In: -28.677+/-0.179 χ^2/NDF:10457.8/45

Out: -29.948+/-0.175 χ^2/NDF:12735.3/50

All: -29.327+/-0.125 χ^2/NDF: 23218.9/96

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.370+/-0.414 χ^2/NDF: 4995.9/22

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 69.265+/-0.417 χ^2/NDF: 5862.0/25

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

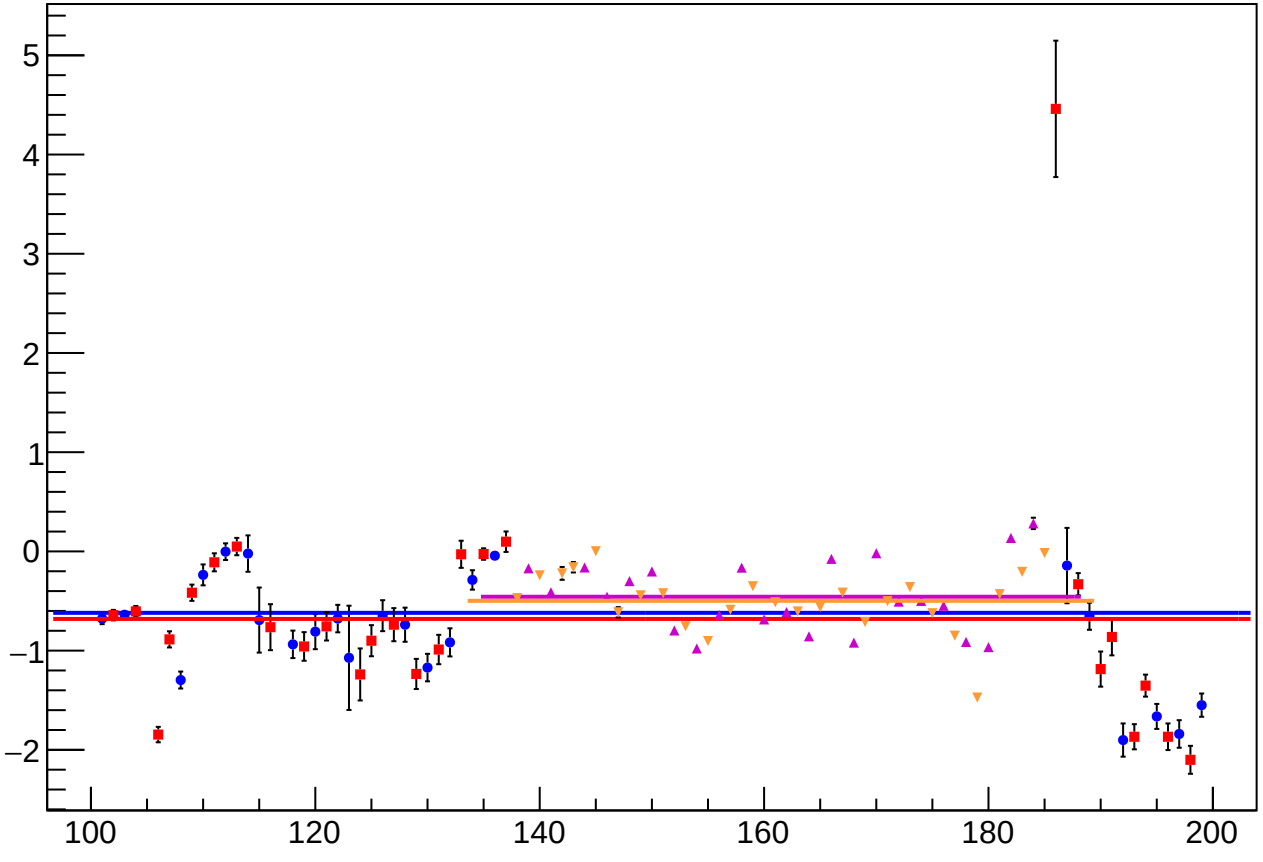
Right: 70.323+/-0.294 χ^2/NDF: 10870.8/48

In: 69.640+/-0.157 χ^2/NDF:8347.0/45

Out: 70.286+/-0.155 χ^2/NDF:10353.7/50

All: 69.968+/-0.110 χ^2/NDF: 18709.3/96

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.619+/-0.021 χ^2/NDF: 601.5/22

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.681+/-0.020 χ^2/NDF: 967.8/25

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

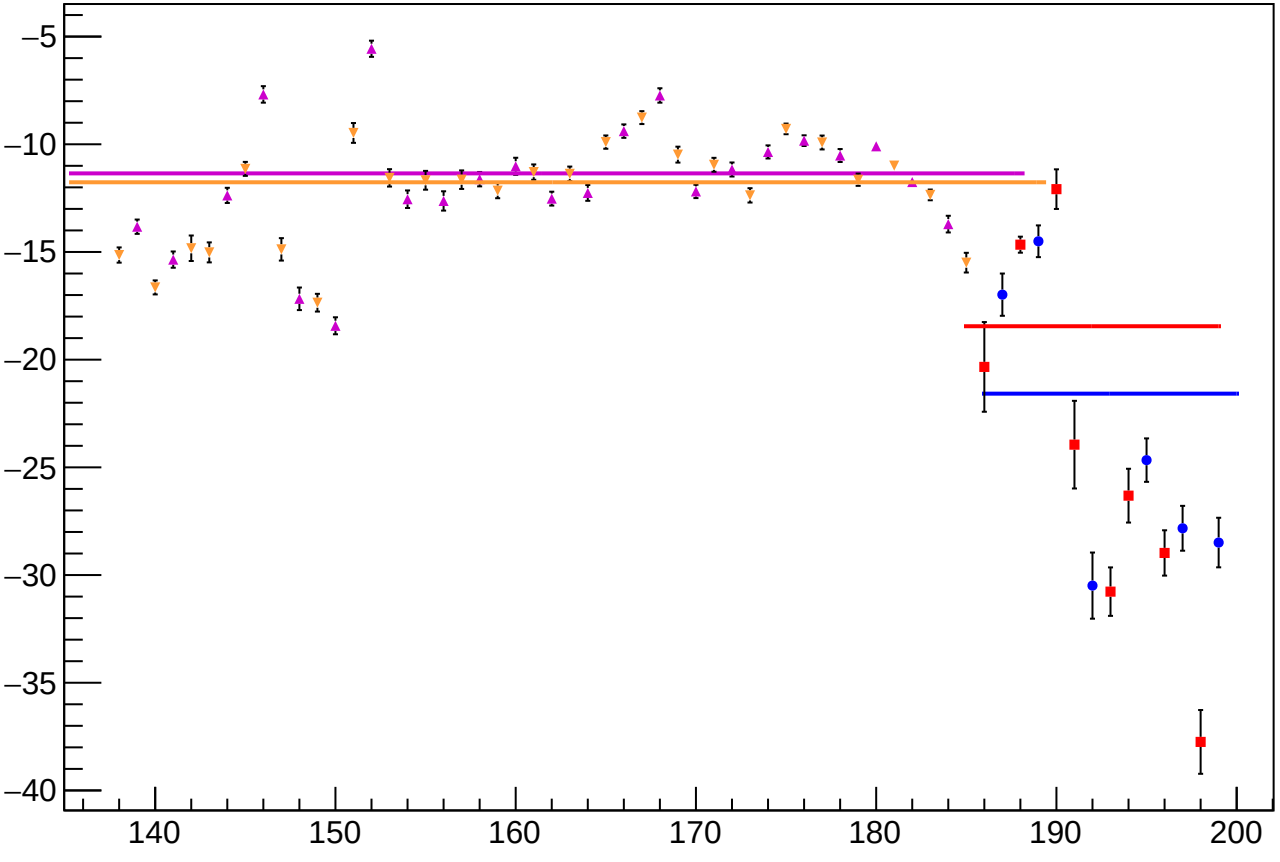
Right: -0.651+/-0.014 χ^2/NDF: 1573.9/48

In: -0.476+/-0.007 χ^2/NDF:2629.8/45

Out: -0.521+/-0.007 χ^2/NDF:2482.7/50

All: -0.499+/-0.005 χ^2/NDF: 5132.1/96

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.578+/-0.409 χ^2/NDF: 229.2/5

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -18.448+/-0.293 χ^2/NDF: 589.1/7

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

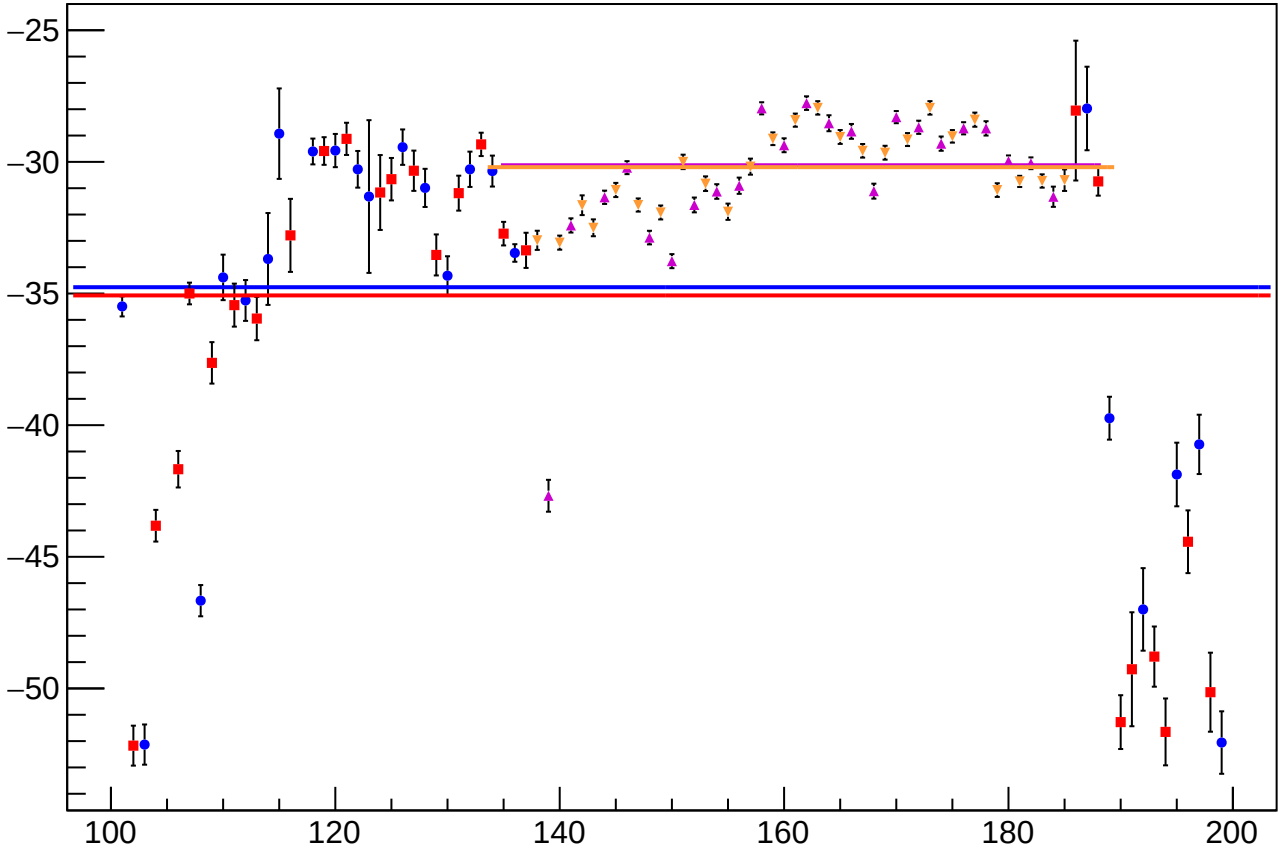
Right: -19.507+/-0.238 χ^2/NDF: 857.0/13

In: -11.624+/-0.067 χ^2/NDF:2116.9/28

Out: -12.095+/-0.065 χ^2/NDF:2110.3/32

All: -11.865+/-0.047 χ^2/NDF: 4252.7/61

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.760+/-0.144 χ^2/NDF: 1755.2/22

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -35.072+/-0.140 χ^2/NDF: 2186.4/25

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

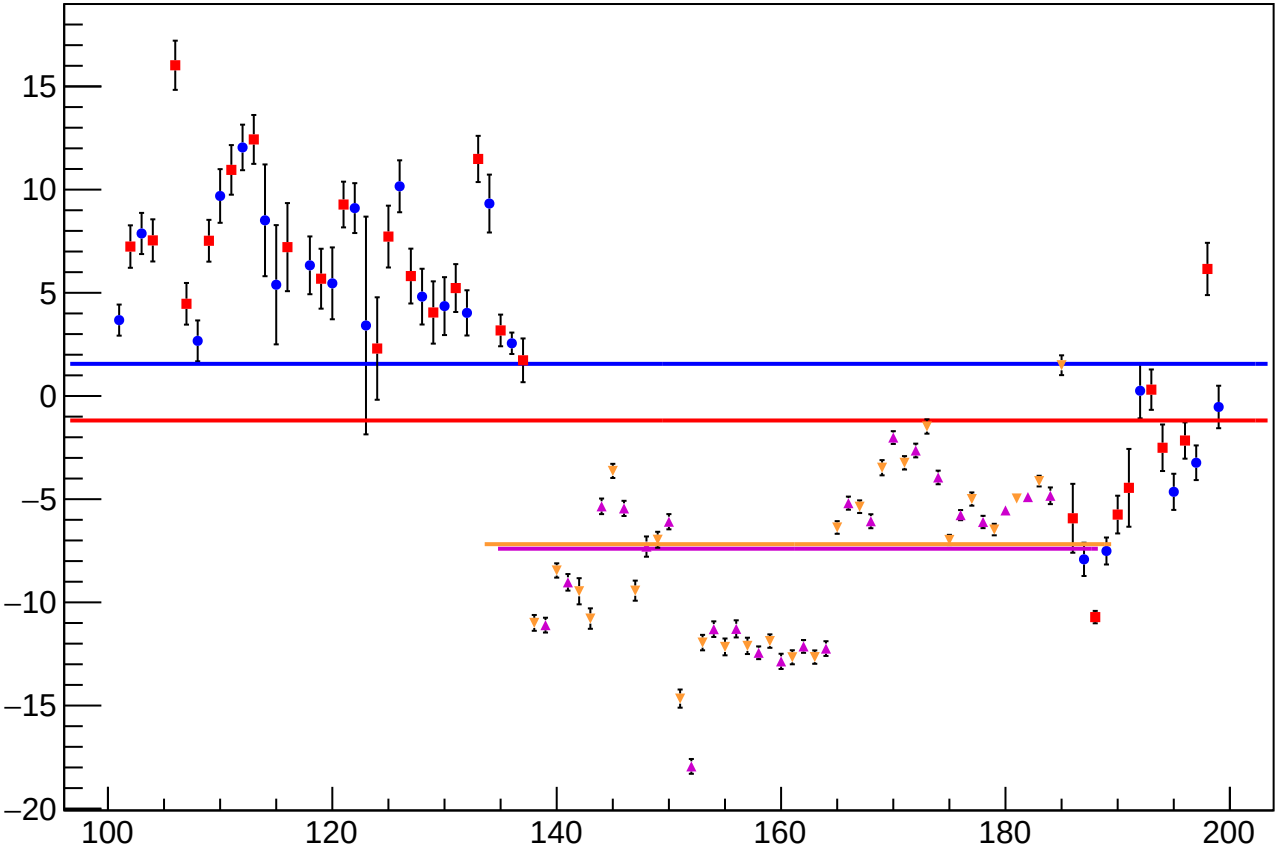
Right: -34.920+/-0.100 χ^2/NDF: 3944.0/48

In: -30.728+/-0.052 χ^2/NDF:3952.2/45

Out: -30.832+/-0.050 χ^2/NDF:3968.2/50

All: -30.781+/-0.036 χ^2/NDF: 7922.5/96

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.558+/-0.214 χ^2/NDF: 756.9/22

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.187+/-0.183 χ^2/NDF: 2172.2/25

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

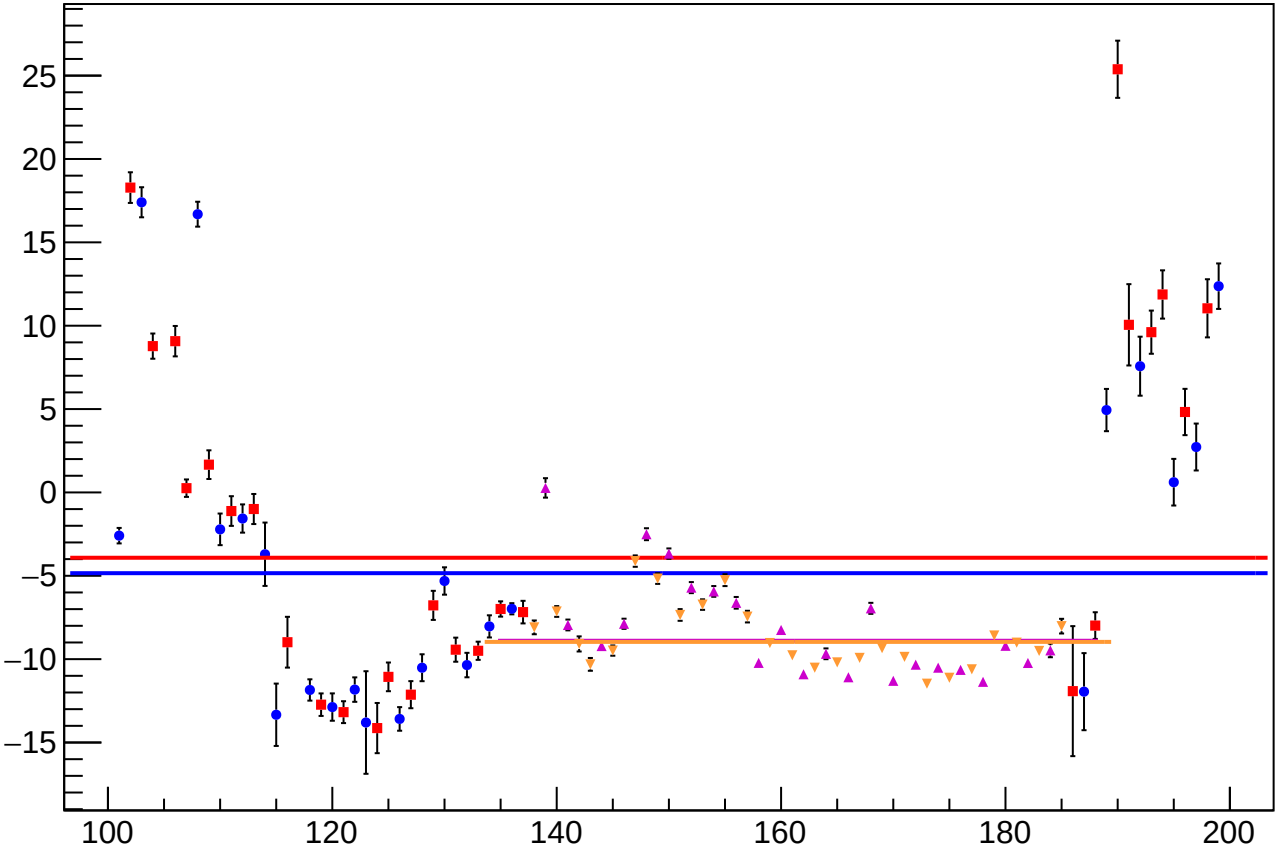
Right: -0.027+/-0.139 χ^2/NDF: 3024.2/48

In: -6.587+/-0.064 χ^2/NDF:5487.0/45

Out: -6.472+/-0.063 χ^2/NDF:6135.0/50

All: -6.528+/-0.045 χ^2/NDF: 11623.6/96

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.844+/-0.164 χ^2/NDF: 2464.4/22

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -3.918+/-0.163 χ^2/NDF: 2729.5/25

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

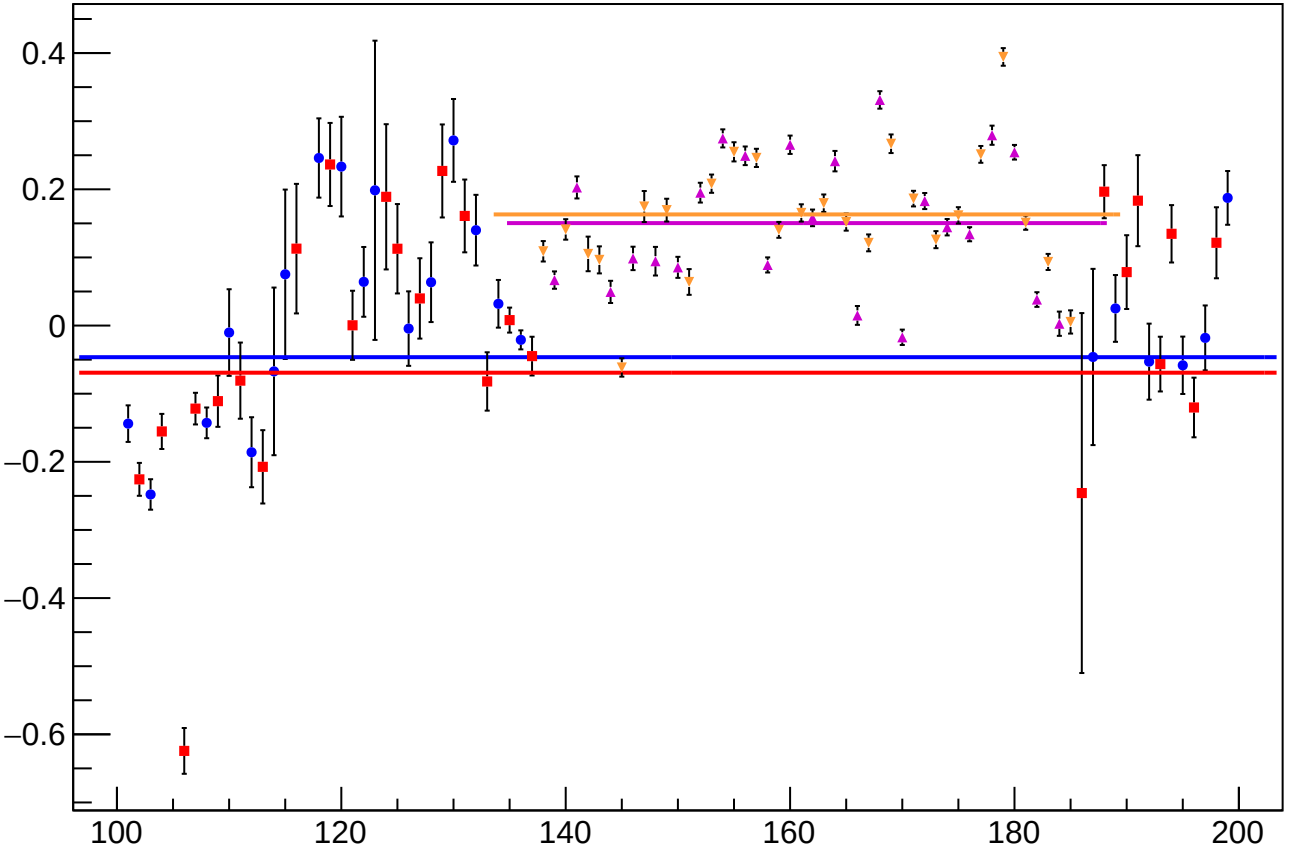
Right: -4.380+/-0.116 χ^2/NDF: 5209.9/48

In: -8.396+/-0.058 χ^2/NDF:4586.0/45

Out: -8.360+/-0.057 χ^2/NDF:4446.3/50

All: -8.378+/-0.040 χ^2/NDF: 9032.5/96

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.046+/-0.008 χ^2/NDF: 257.6/22

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.069+/-0.008 χ^2/NDF: 549.5/25

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

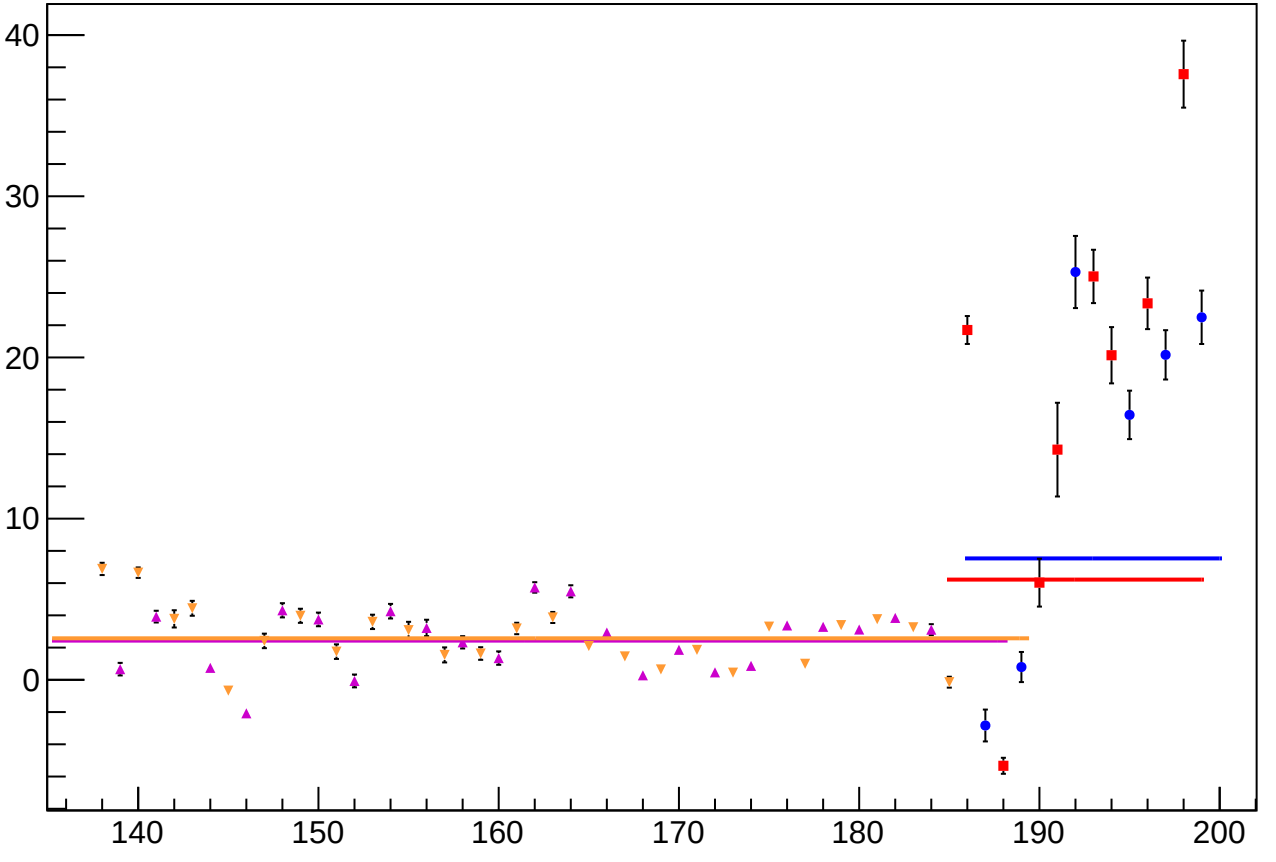
Right: -0.058+/-0.005 χ^2/NDF: 811.5/48

In: 0.128+/-0.003 χ^2/NDF:2126.9/45

Out: 0.137+/-0.003 χ^2/NDF:2389.6/50

All: 0.133+/-0.002 χ^2/NDF: 4521.5/96

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.532+/-0.527 χ^2/NDF: 409.7/5

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 6.218+/-0.371 χ^2/NDF: 1404.3/7

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

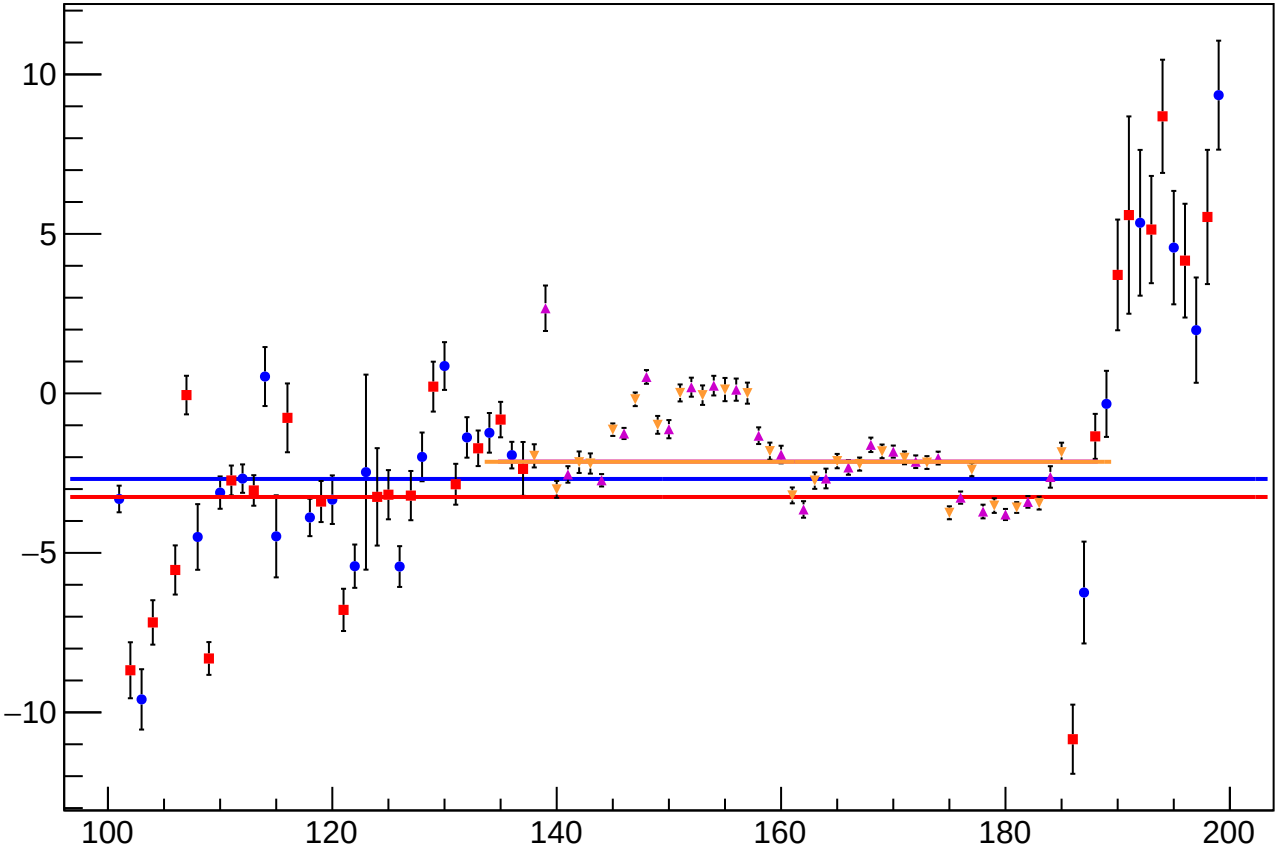
Right: 6.653+/-0.303 χ^2/NDF: 1818.2/13

In: 2.496+/-0.059 χ^2/NDF:1385.2/28

Out: 2.664+/-0.058 χ^2/NDF:2366.6/32

All: 2.582+/-0.041 χ^2/NDF: 3756.0/61

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.682+/-0.150 χ^2/NDF: 245.9/22

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.248+/-0.147 χ^2/NDF: 472.2/25

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

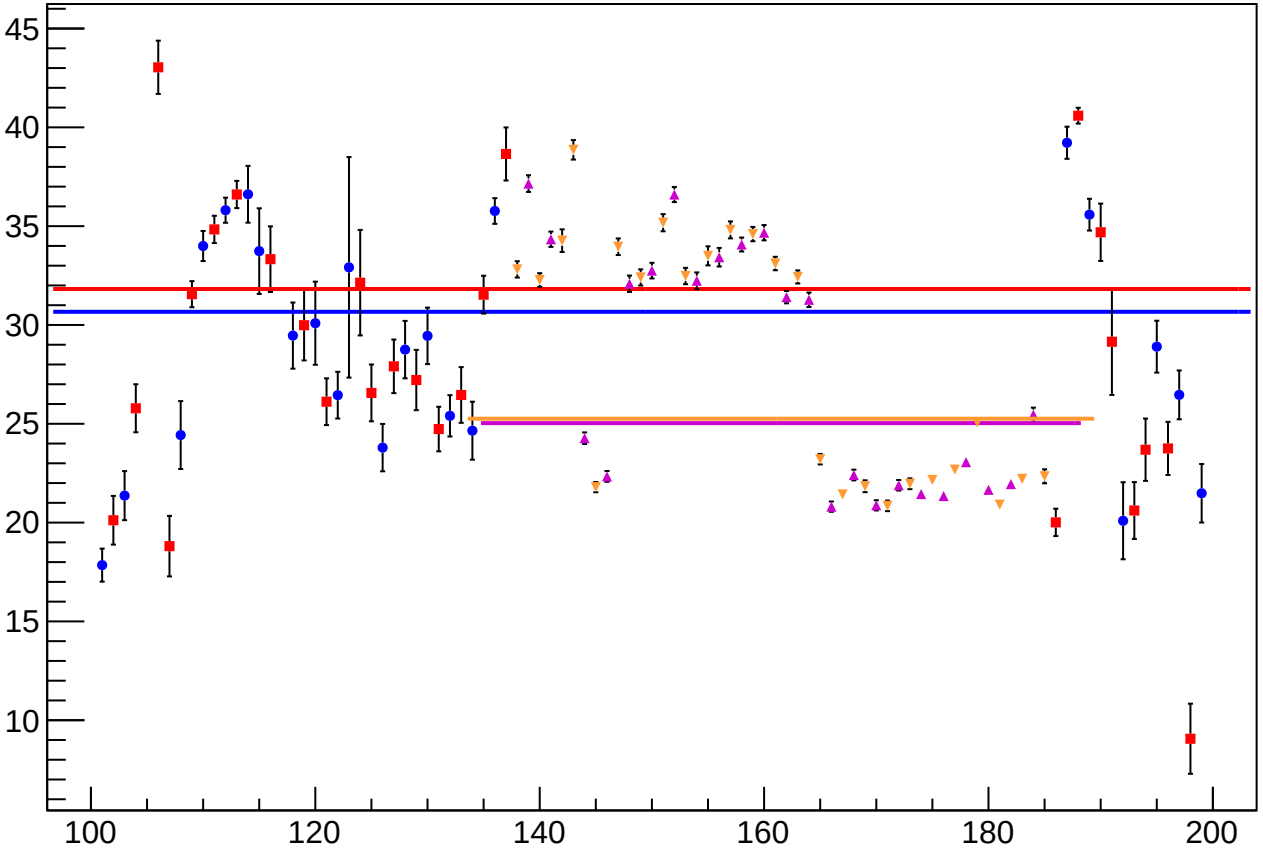
Right: -2.970+/-0.105 χ^2/NDF: 725.3/48

In: -2.188+/-0.046 χ^2/NDF:951.5/45

Out: -2.250+/-0.045 χ^2/NDF:1095.7/50

All: -2.219+/-0.032 χ^2/NDF: 2048.1/96

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.667+/-0.229 χ^2/NDF: 790.7/22

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.820+/-0.198 χ^2/NDF: 1523.2/25

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

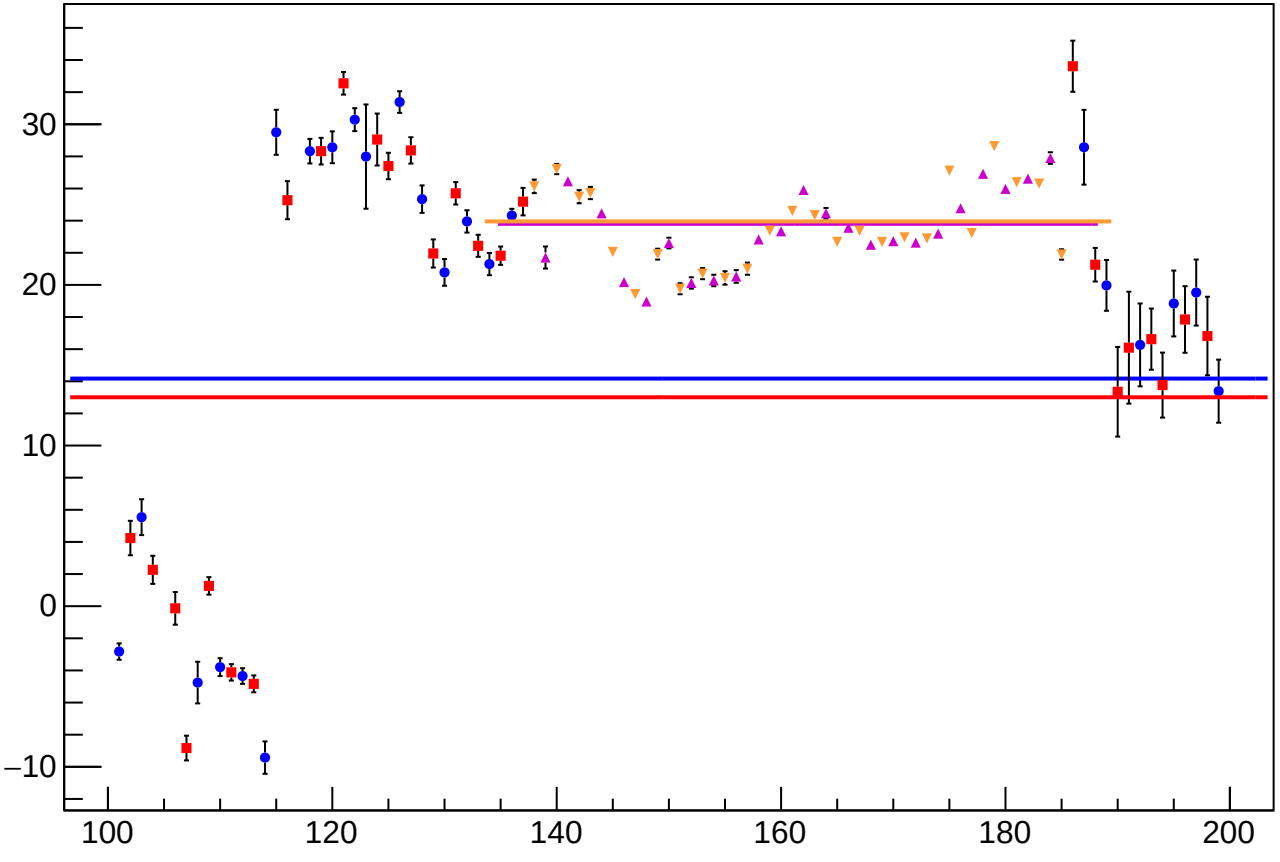
Right: 31.326+/-0.150 χ^2/NDF: 2328.3/48

In: 25.389+/-0.057 χ^2/NDF:9047.8/45

Out: 25.790+/-0.056 χ^2/NDF:10665.1/50

All: 25.593+/-0.040 χ^2/NDF: 19737.7/96

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.169+/-0.168 χ^2/NDF: 7458.1/22

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 13.005+/-0.168 χ^2/NDF: 7216.0/25

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

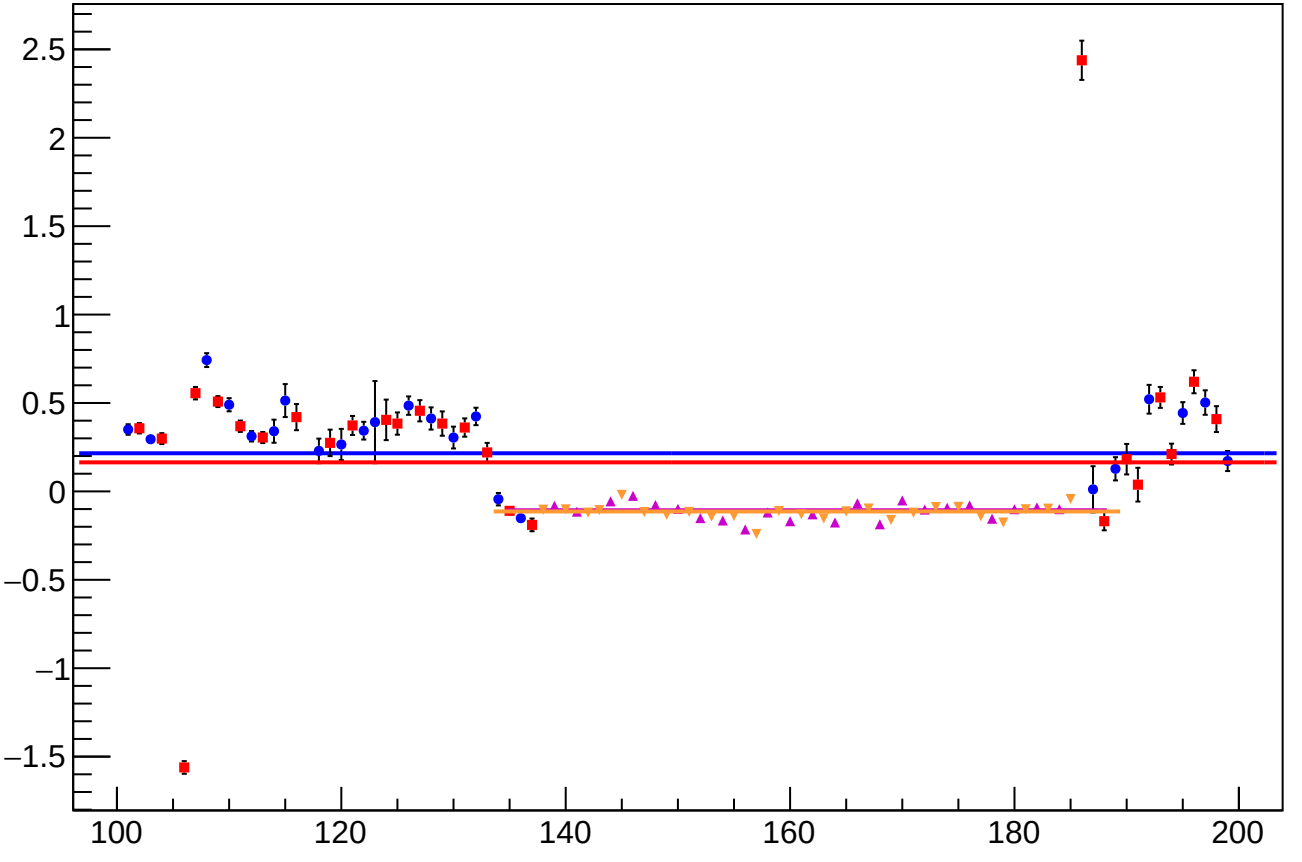
Right: 13.585+/-0.119 χ^2/NDF: 14698.0/48

In: 22.909+/-0.051 χ^2/NDF:12190.0/45

Out: 22.952+/-0.051 χ^2/NDF:13002.5/50

All: 22.931+/-0.036 χ^2/NDF: 25192.8/96

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.216+/-0.009 χ^2/NDF: 897.3/22

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.164+/-0.009 χ^2/NDF: 3580.0/25

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

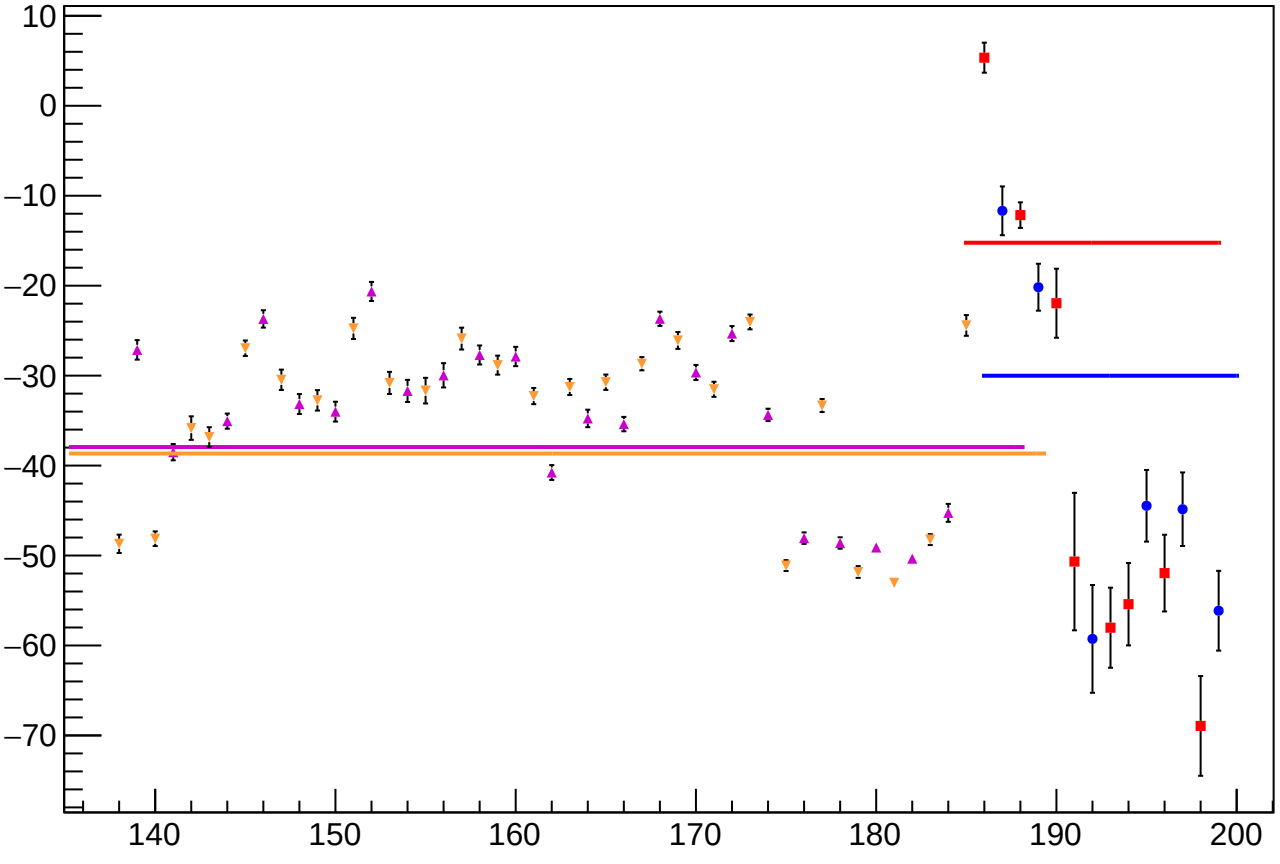
Right: 0.189+/-0.006 χ^2/NDF: 4494.5/48

In: -0.084+/-0.002 χ^2/NDF:2439.9/45

Out: -0.093+/-0.002 χ^2/NDF:4833.9/50

All: -0.089+/-0.002 χ^2/NDF: 7281.6/96

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.012+/-1.436 χ^2/NDF: 144.9/5

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -15.226+/-0.943 χ^2/NDF: 518.5/7

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

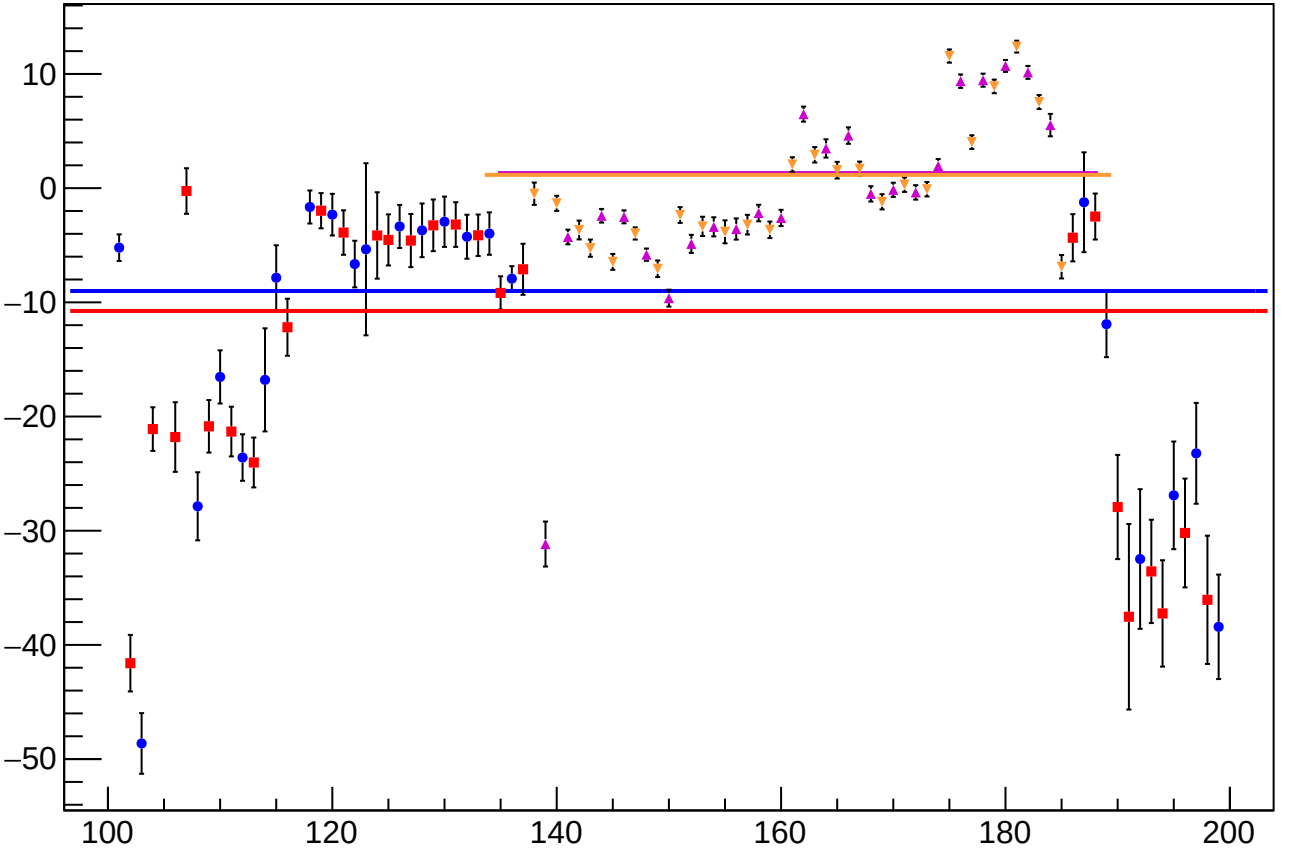
Right: -19.679+/-0.788 χ^2/NDF: 737.4/13

In: -37.827+/-0.171 χ^2/NDF:3308.1/28

Out: -37.928+/-0.167 χ^2/NDF:5190.7/32

All: -37.879+/-0.119 χ^2/NDF: 8499.0/61

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.006+/-0.446 χ^2/NDF: 499.8/22

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.755+/-0.454 χ^2/NDF: 557.6/25

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

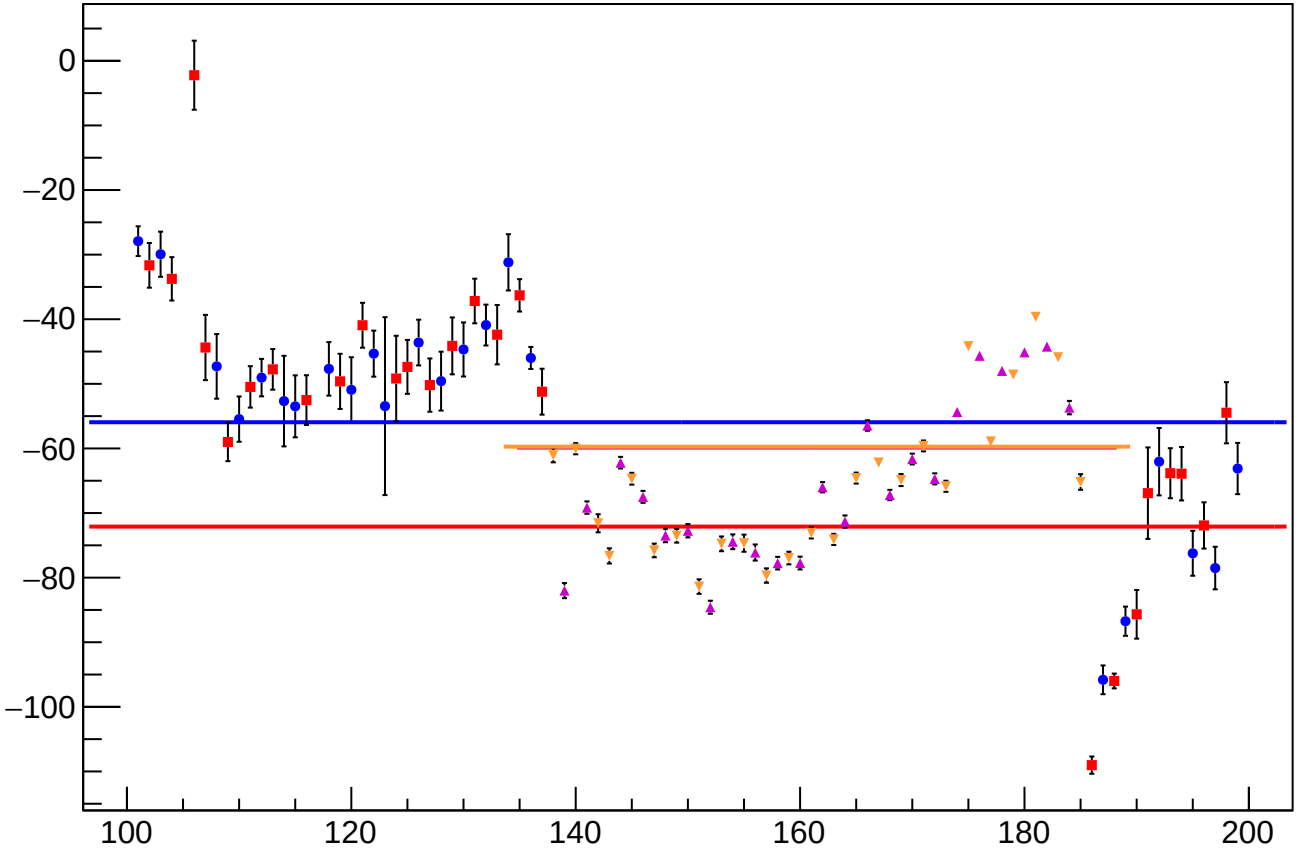
Right: -9.865+/-0.318 χ^2/NDF: 1064.9/48

In: 0.399+/-0.133 χ^2/NDF:3068.5/45

Out: 0.178+/-0.131 χ^2/NDF:2975.3/50

All: 0.286+/-0.093 χ^2/NDF: 6045.3/96

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.946+/-0.689 χ^2/NDF: 928.1/22

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.097+/-0.579 χ^2/NDF: 2457.3/25

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

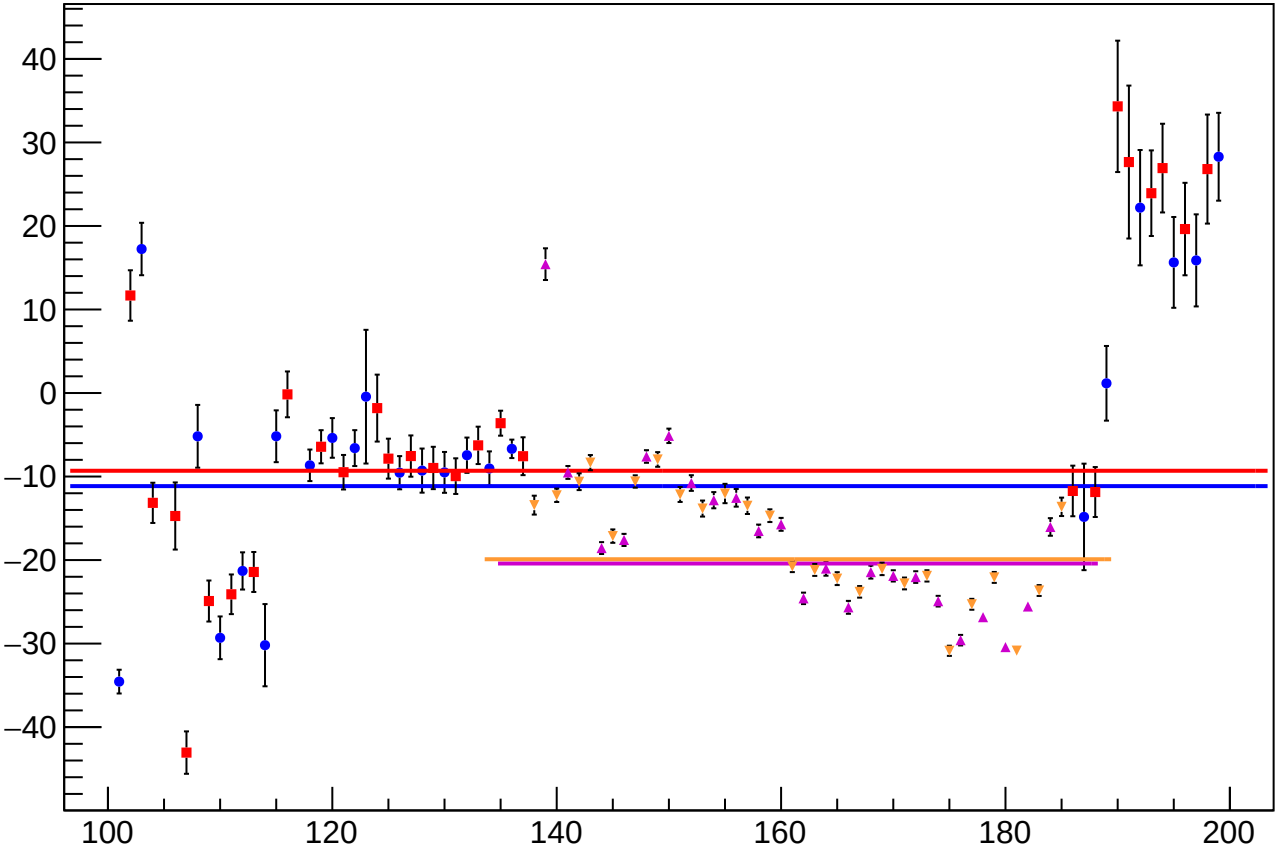
Right: -65.407+/-0.443 χ^2/NDF: 3707.6/48

In: -59.632+/-0.167 χ^2/NDF:6233.6/45

Out: -60.710+/-0.163 χ^2/NDF:8667.2/50

All: -60.185+/-0.117 χ^2/NDF: 14922.0/96

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.147+/-0.506 χ^2/NDF: 617.0/22

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -9.308+/-0.525 χ^2/NDF: 563.6/25

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

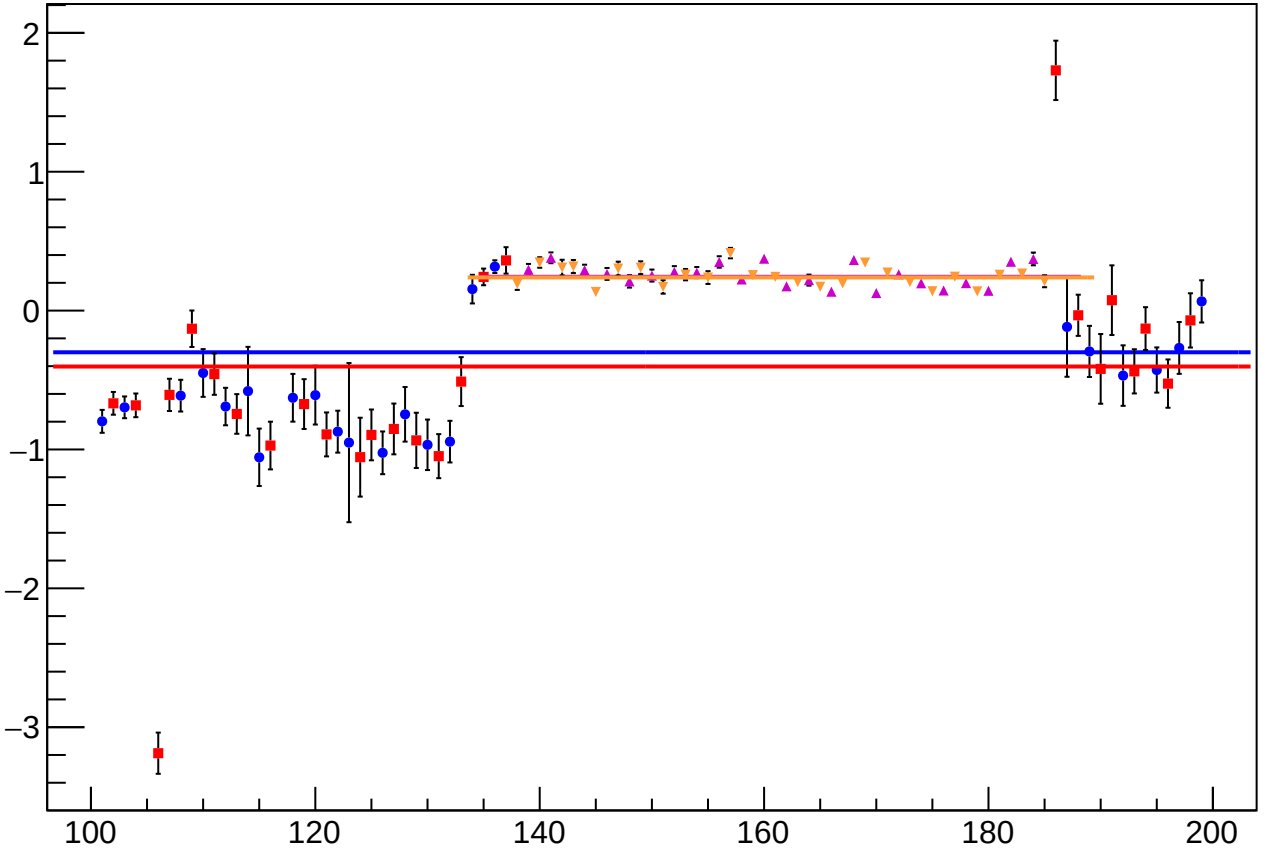
Right: -10.260+/-0.364 χ^2/NDF: 1187.1/48

In: -19.607+/-0.149 χ^2/NDF:3268.2/45

Out: -19.070+/-0.147 χ^2/NDF:2844.1/50

All: -19.335+/-0.105 χ^2/NDF: 6118.9/96

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.300+/-0.026 χ^2/NDF: 379.8/22

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.403+/-0.026 χ^2/NDF: 748.3/25

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

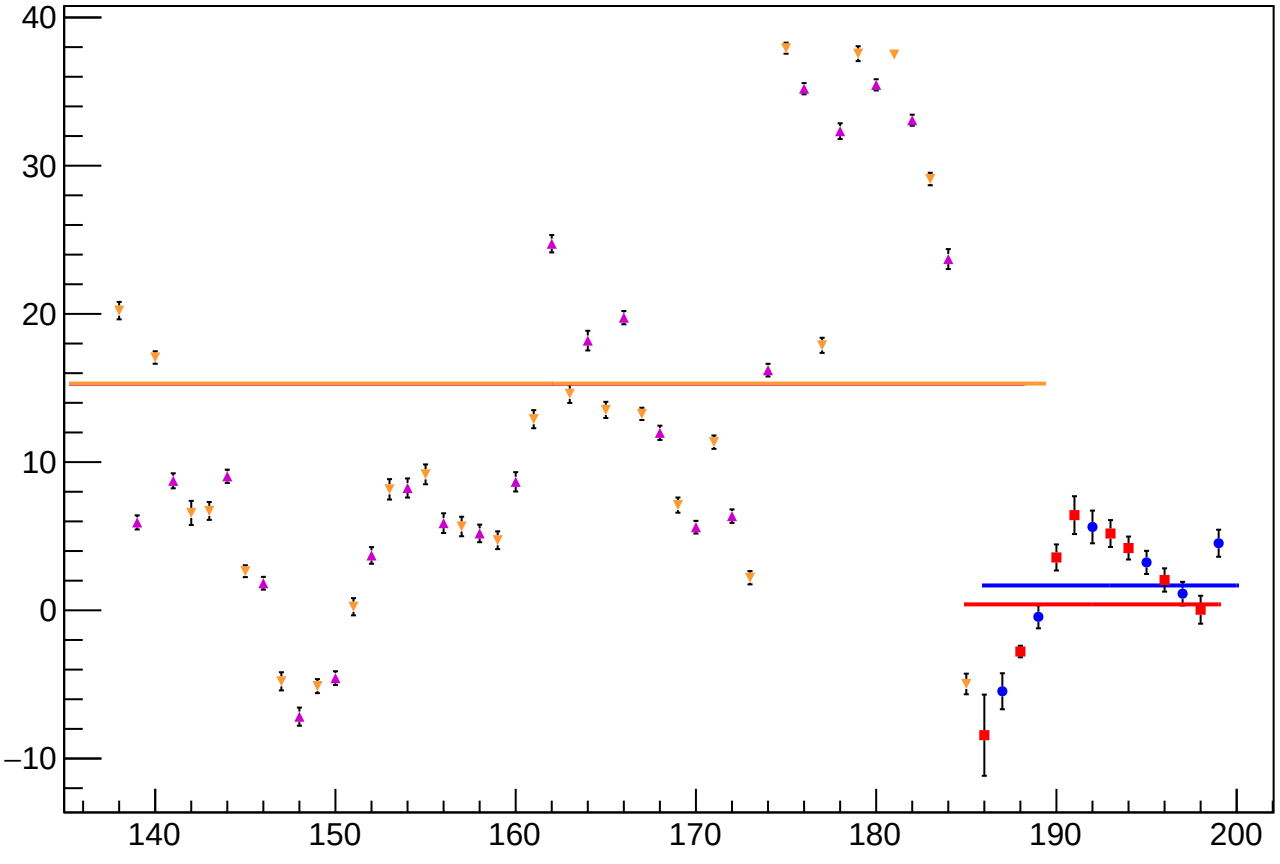
Right: -0.351+/-0.018 χ^2/NDF: 1135.8/48

In: 0.205+/-0.007 χ^2/NDF:928.1/45

Out: 0.196+/-0.007 χ^2/NDF:1402.4/50

All: 0.200+/-0.005 χ^2/NDF: 2331.4/96

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.677+/-0.364 χ^2/NDF: 68.9/5

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 0.401+/-0.265 χ^2/NDF: 168.9/7

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

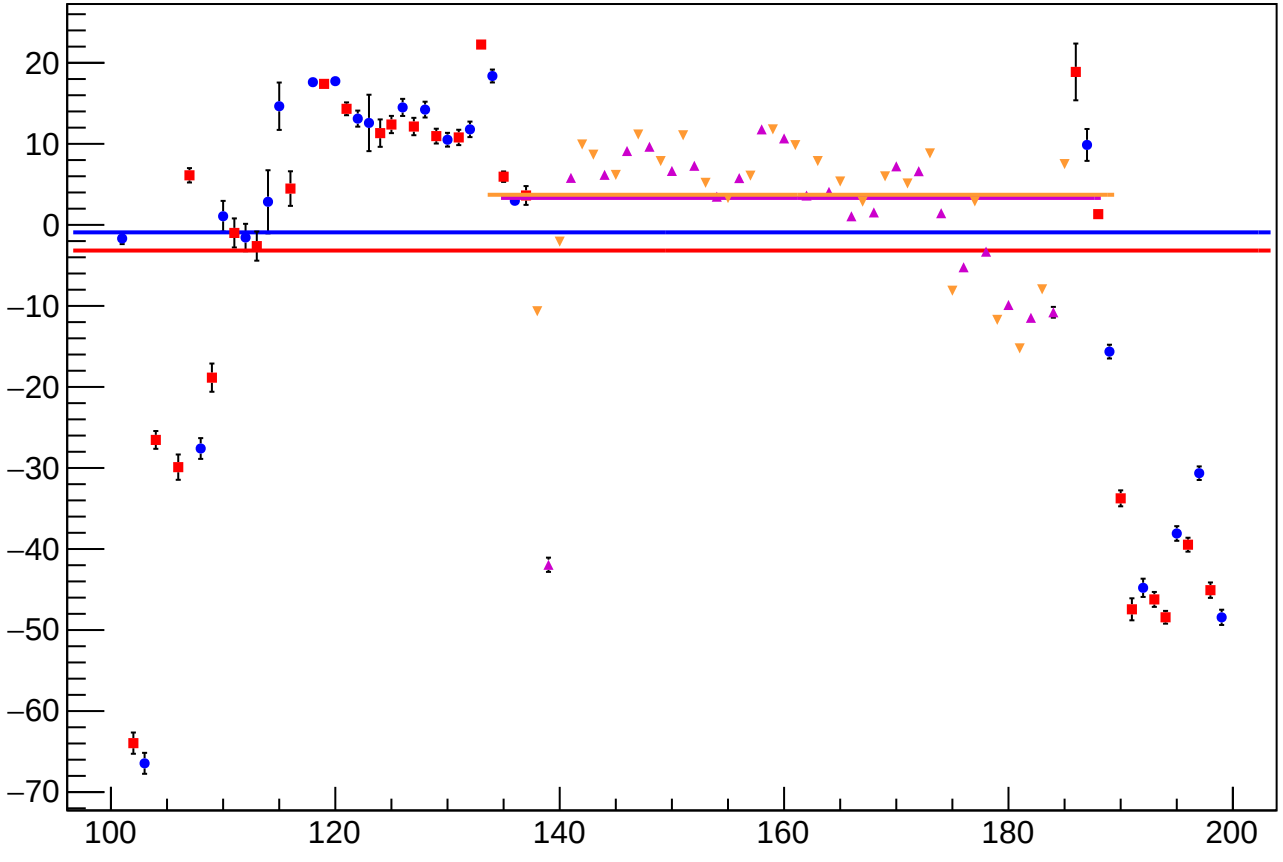
Right: 0.843+/-0.214 χ^2/NDF: 245.9/13

In: 14.275+/-0.098 χ^2/NDF:17769.7/28

Out: 13.414+/-0.094 χ^2/NDF:22072.6/32

All: 13.826+/-0.068 χ^2/NDF: 39882.2/61

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.922+/-0.190 χ^2/NDF: 14445.4/22

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -3.166+/-0.177 χ^2/NDF: 20682.4/25

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

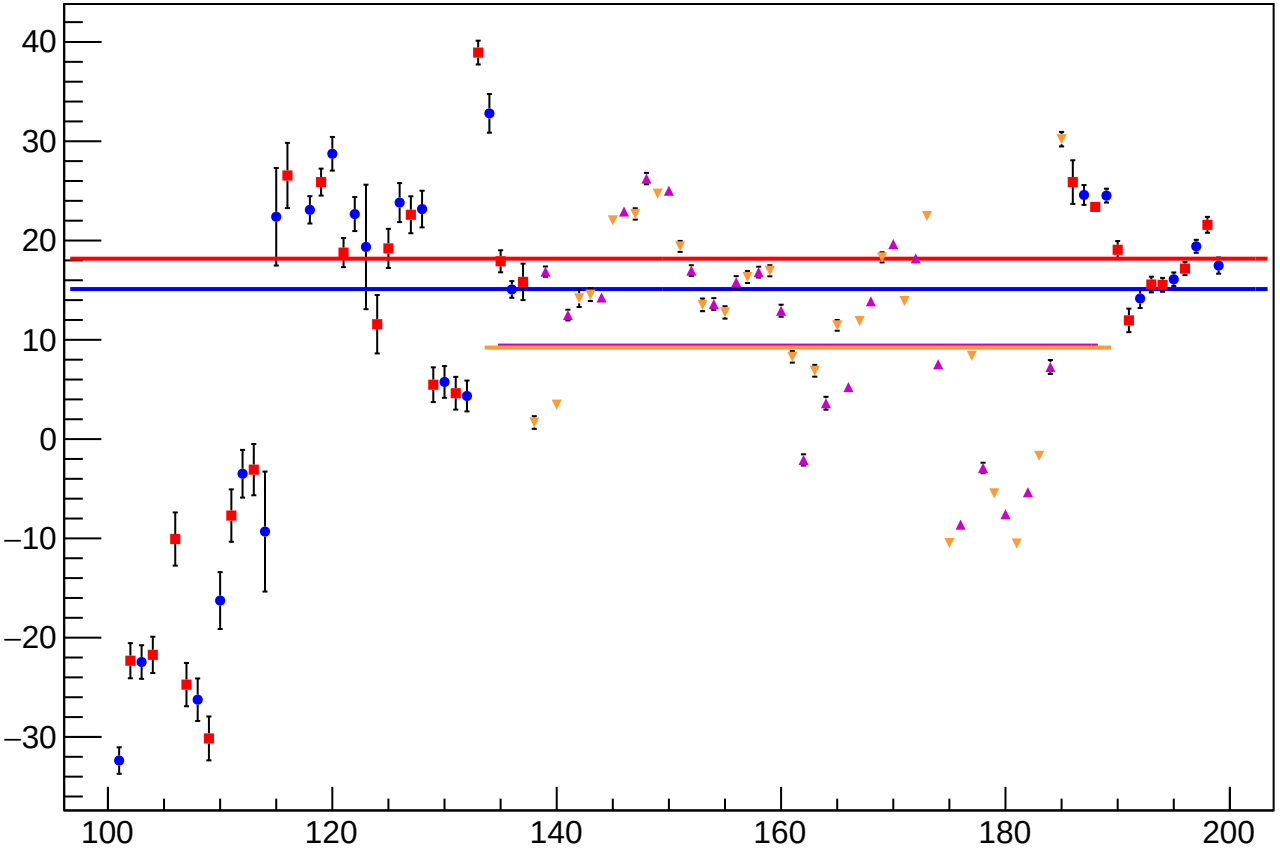
Right: -2.121+/-0.129 χ^2/NDF: 35202.6/48

In: 2.671+/-0.074 χ^2/NDF:23700.6/45

Out: 2.576+/-0.072 χ^2/NDF:31143.5/50

All: 2.622+/-0.052 χ^2/NDF: 54844.9/96

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.113+/-0.251 χ^2/NDF: 2977.5/22

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.173+/-0.198 χ^2/NDF: 2973.4/25

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

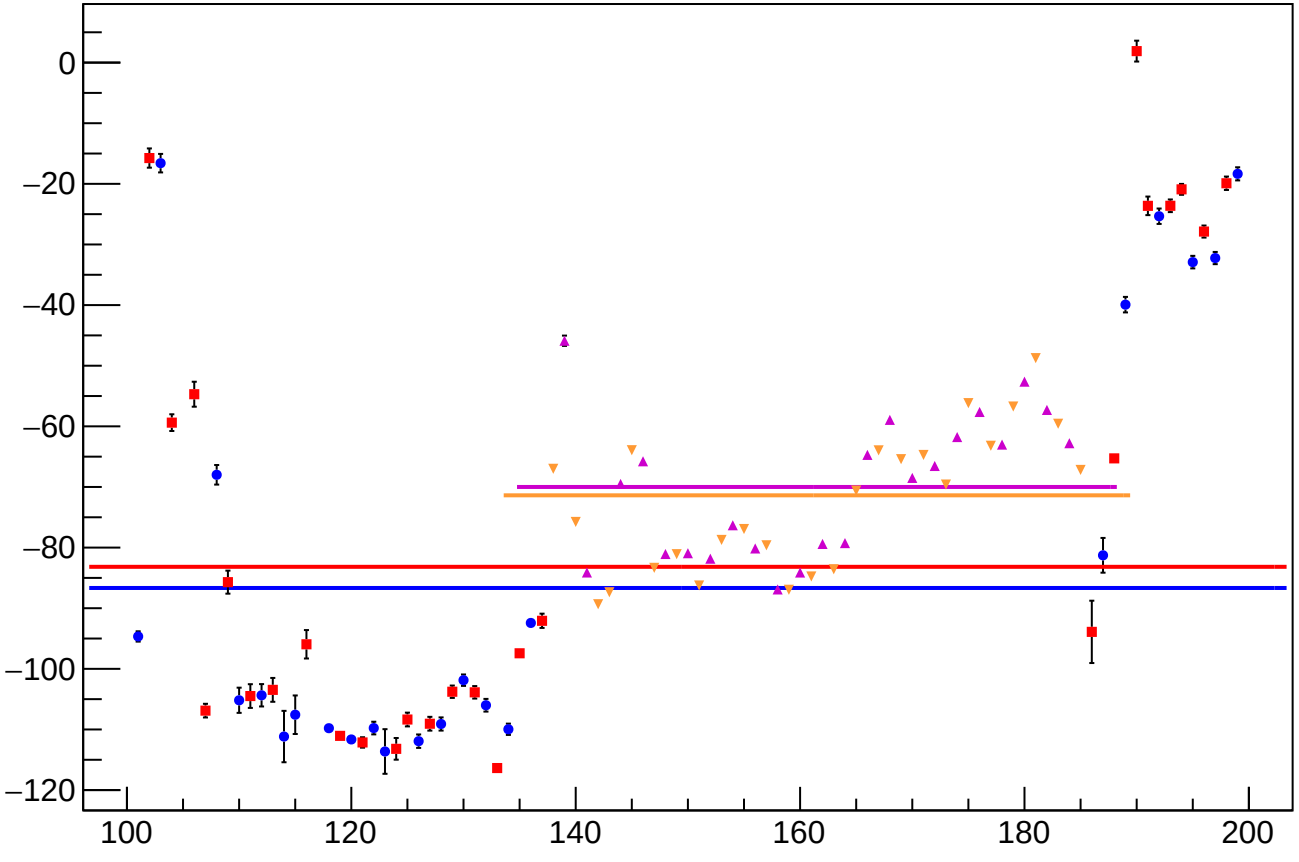
Right: 16.999+/-0.156 χ^2/NDF: 6042.4/48

In: 10.226+/-0.094 χ^2/NDF:15496.9/45

Out: 11.069+/-0.090 χ^2/NDF:18210.8/50

All: 10.668+/-0.065 χ^2/NDF: 33749.4/96

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.661+/-0.222 χ^2/NDF: 21006.0/22

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -83.171+/-0.210 χ^2/NDF: 30754.4/25

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

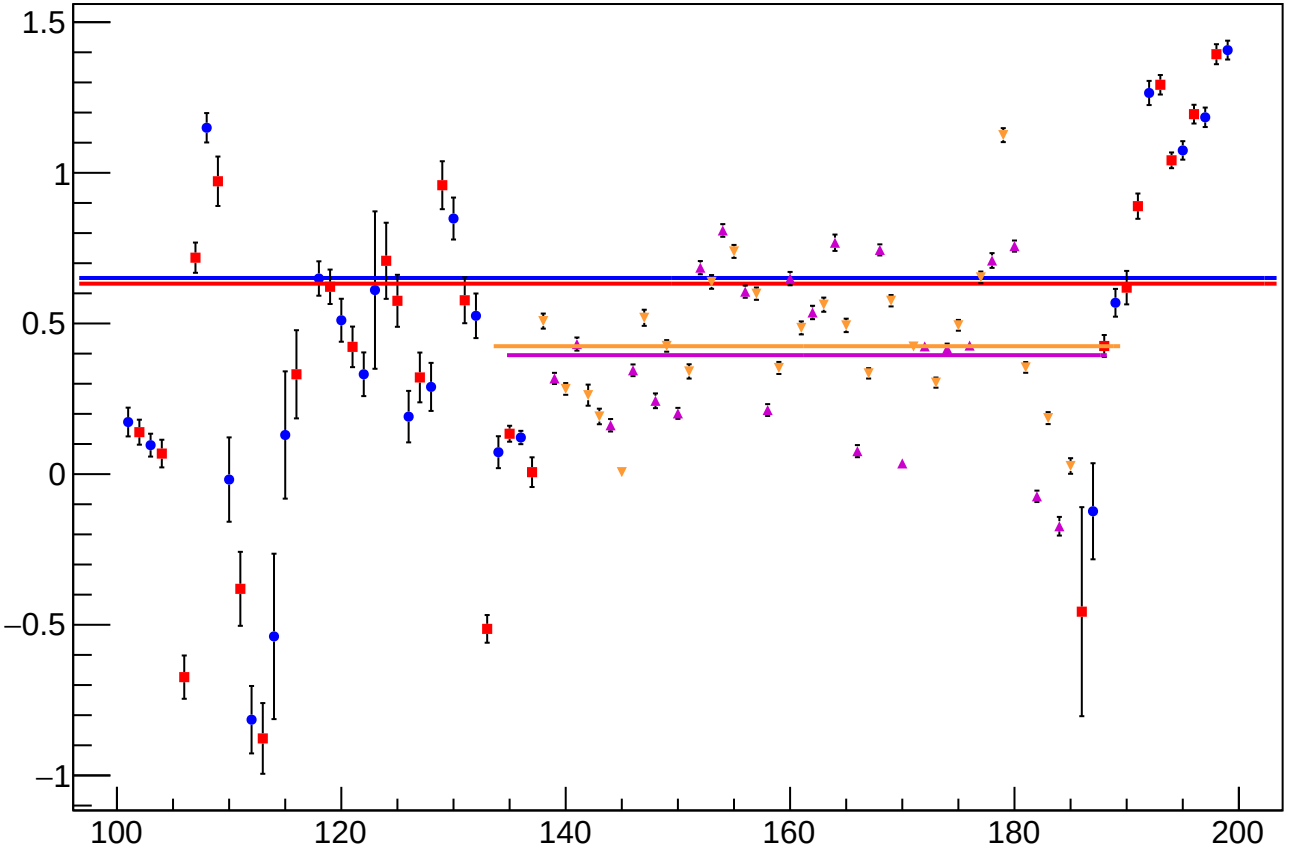
Right: -84.821+/-0.152 χ^2/NDF: 51891.3/48

In: -72.423+/-0.084 χ^2/NDF:39028.5/45

Out: -73.193+/-0.082 χ^2/NDF:49652.5/50

All: -72.818+/-0.059 χ^2/NDF: 88723.7/96

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.651+/-0.010 χ^2/NDF: 2722.1/22

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.632+/-0.009 χ^2/NDF: 3654.1/25

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

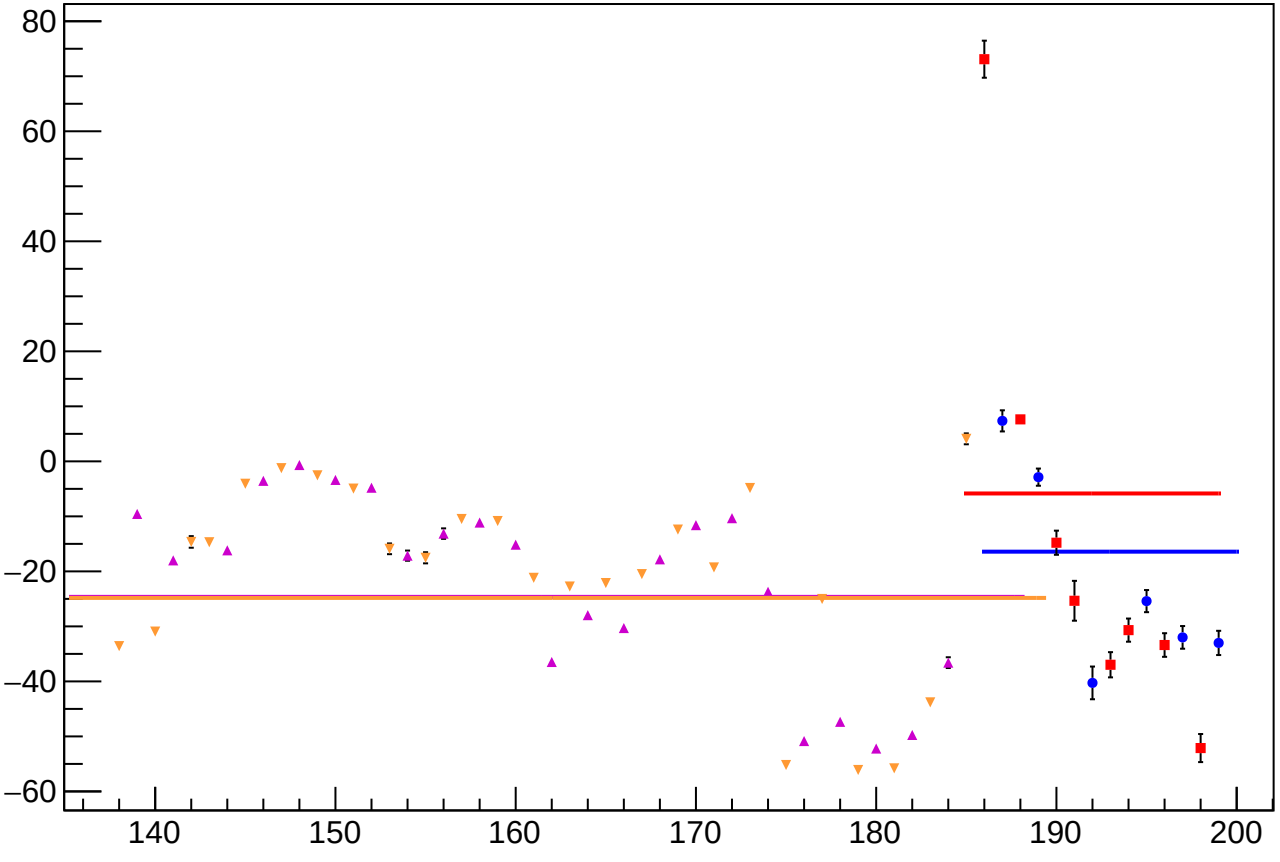
Right: 0.641+/-0.007 χ^2/NDF: 6378.1/48

In: 0.431+/-0.004 χ^2/NDF:7330.6/45

Out: 0.458+/-0.004 χ^2/NDF:6936.5/50

All: 0.445+/-0.003 χ^2/NDF: 14292.3/96

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.417+/-0.821 χ^2/NDF: 426.8/5

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -5.839+/-0.606 χ^2/NDF: 1695.2/7

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

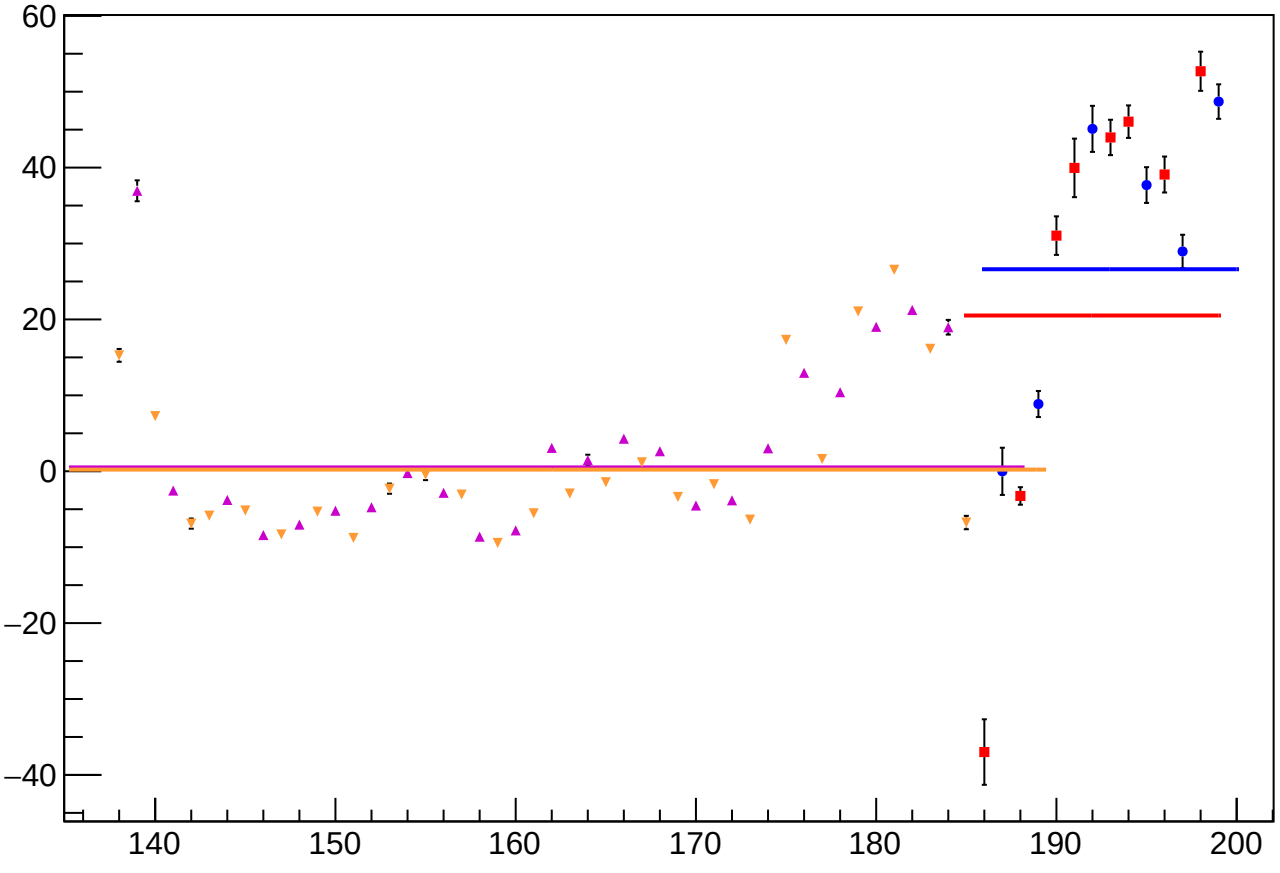
Right: -9.573+/-0.488 χ^2/NDF: 2229.4/13

In: -24.396+/-0.140 χ^2/NDF:15471.9/28

Out: -23.868+/-0.136 χ^2/NDF:20900.4/32

All: -24.125+/-0.098 χ^2/NDF: 36379.6/61

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 26.612+/-0.940 χ^2/NDF: 335.1/5

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 20.517+/-0.754 χ^2/NDF: 1106.2/7

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

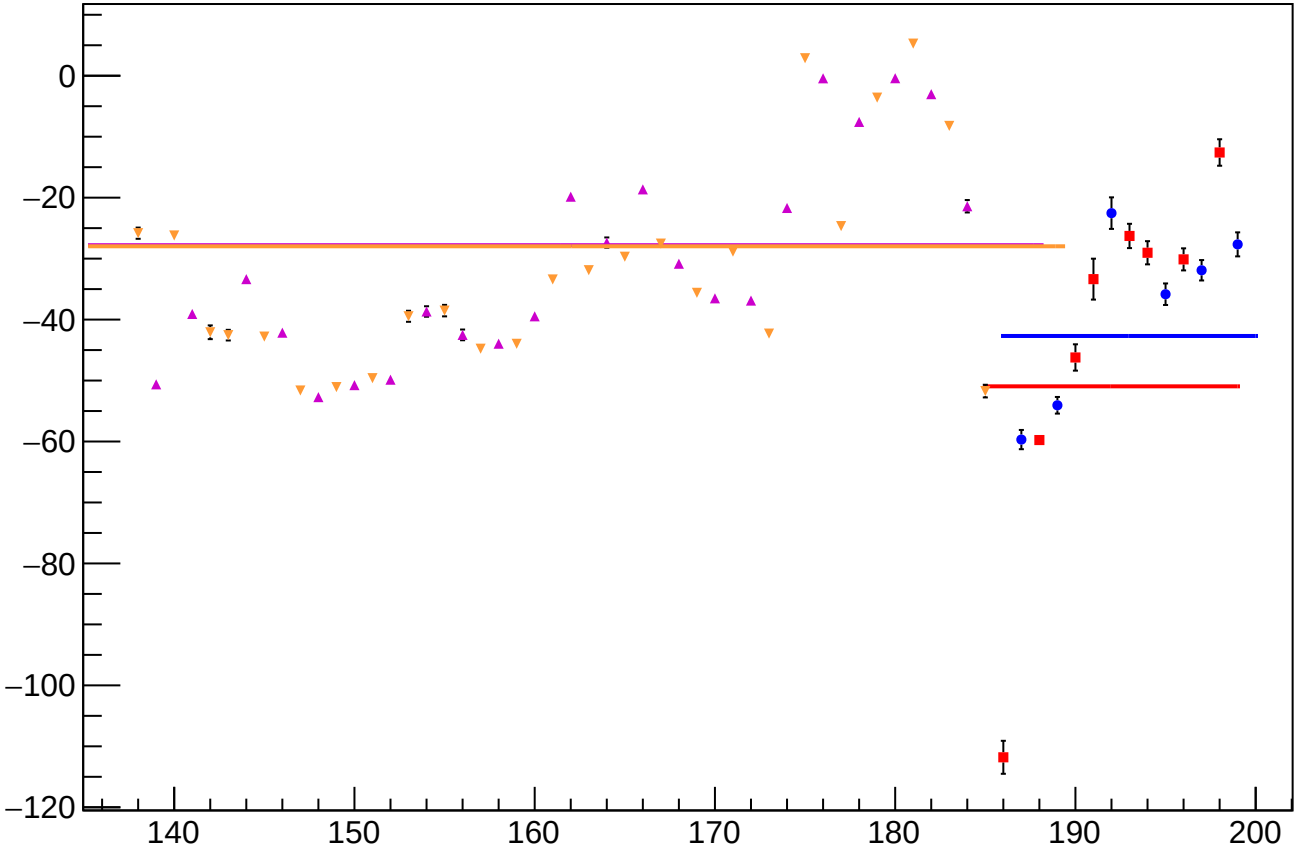
Right: 22.903+/-0.588 χ^2/NDF: 1467.0/13

In: 0.871+/-0.111 χ^2/NDF:7722.9/28

Out: 0.632+/-0.108 χ^2/NDF:10069.2/32

All: 0.748+/-0.077 χ^2/NDF: 17794.5/61

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.689+/-0.703 χ^2/NDF: 360.5/5

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -50.949+/-0.508 χ^2/NDF: 1453.3/7

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

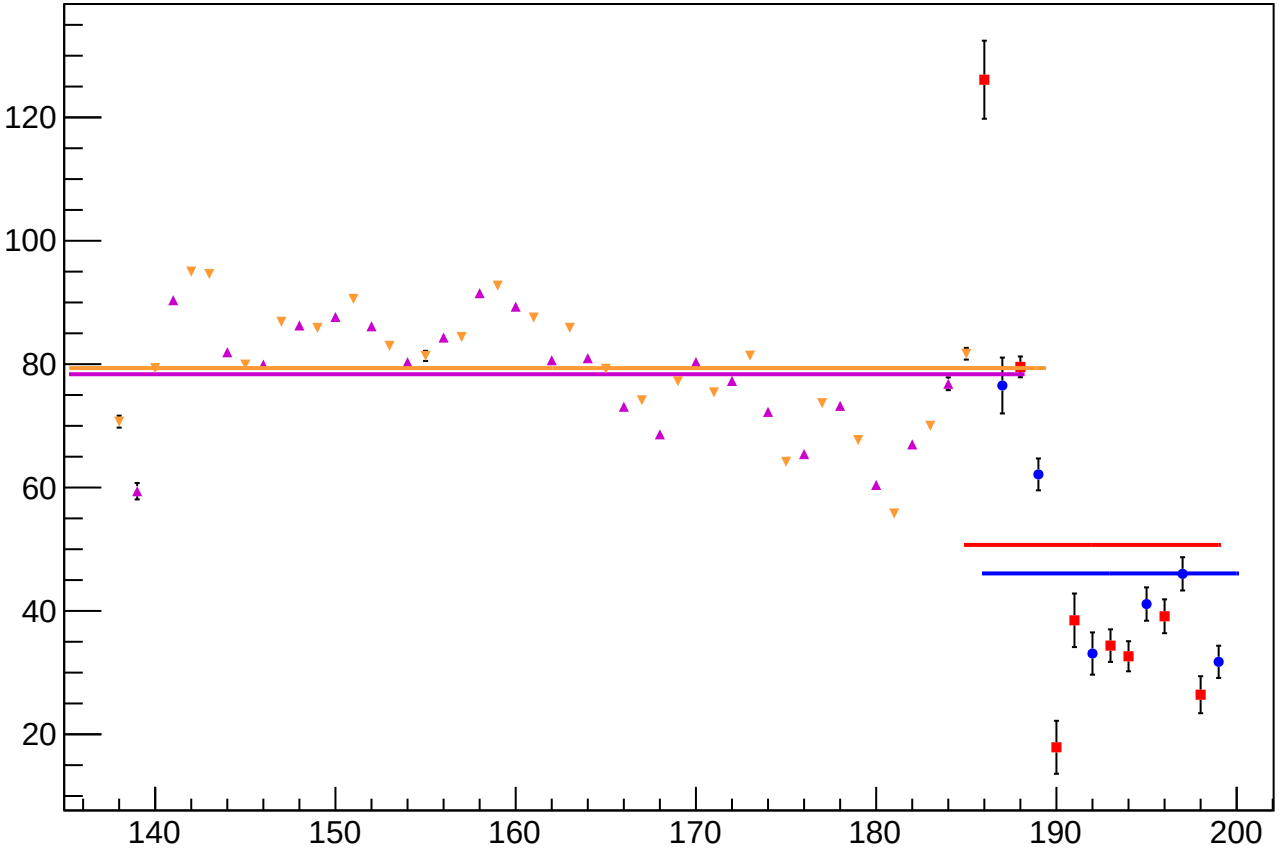
Right: -48.114+/-0.412 χ^2/NDF: 1904.5/13

In: -28.378+/-0.139 χ^2/NDF:15984.8/28

Out: -29.600+/-0.135 χ^2/NDF:20430.5/32

All: -29.006+/-0.097 χ^2/NDF: 36455.1/61

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.077+/-1.191 χ^2/NDF: 131.7/5

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 50.698+/-0.981 χ^2/NDF: 677.4/7

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

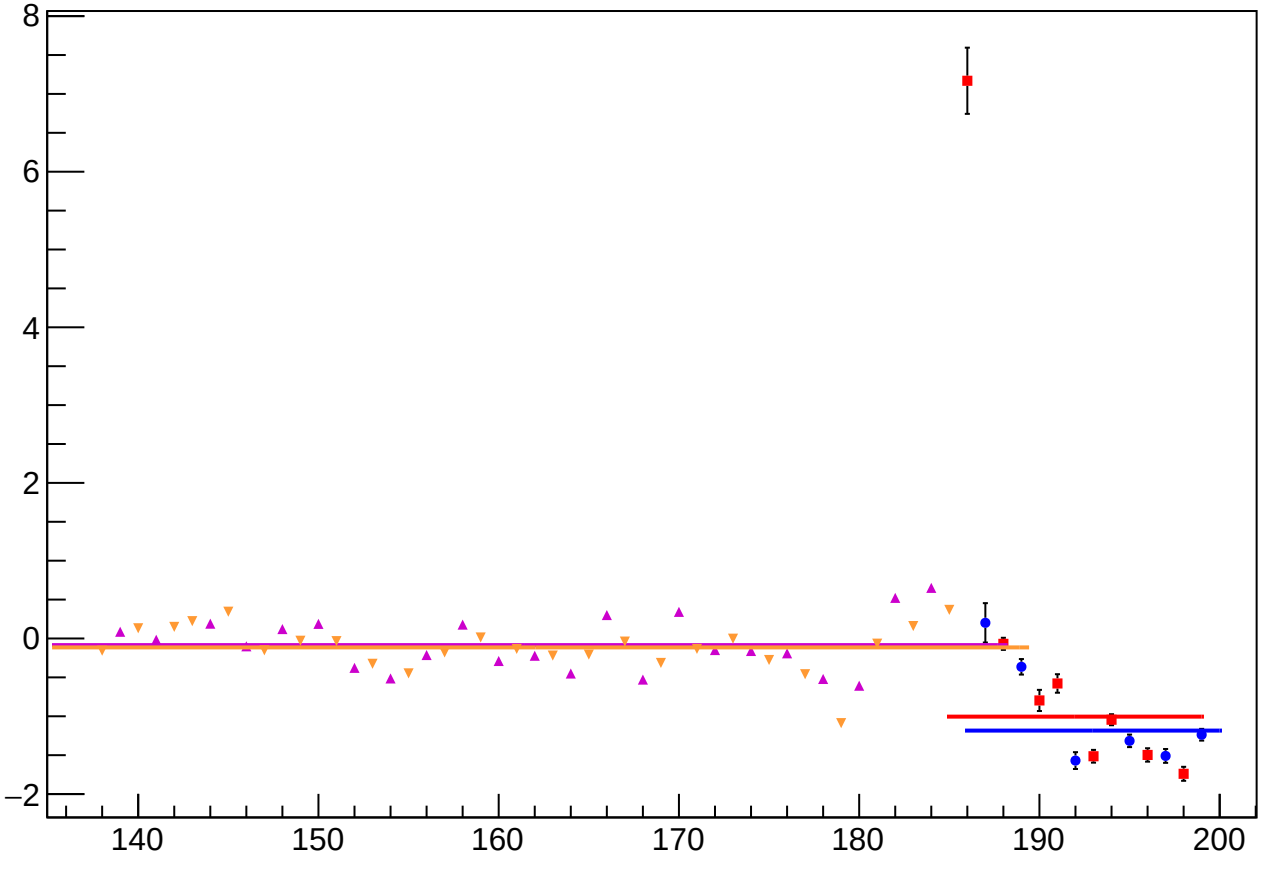
Right: 48.831+/-0.757 χ^2/NDF: 818.1/13

In: 78.008+/-0.126 χ^2/NDF:5593.9/28

Out: 78.917+/-0.123 χ^2/NDF:7484.3/32

All: 78.474+/-0.088 χ^2/NDF: 13105.0/61

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.184+/-0.039 χ^2/NDF: 126.6/5

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -1.005+/-0.033 χ^2/NDF: 667.2/7

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

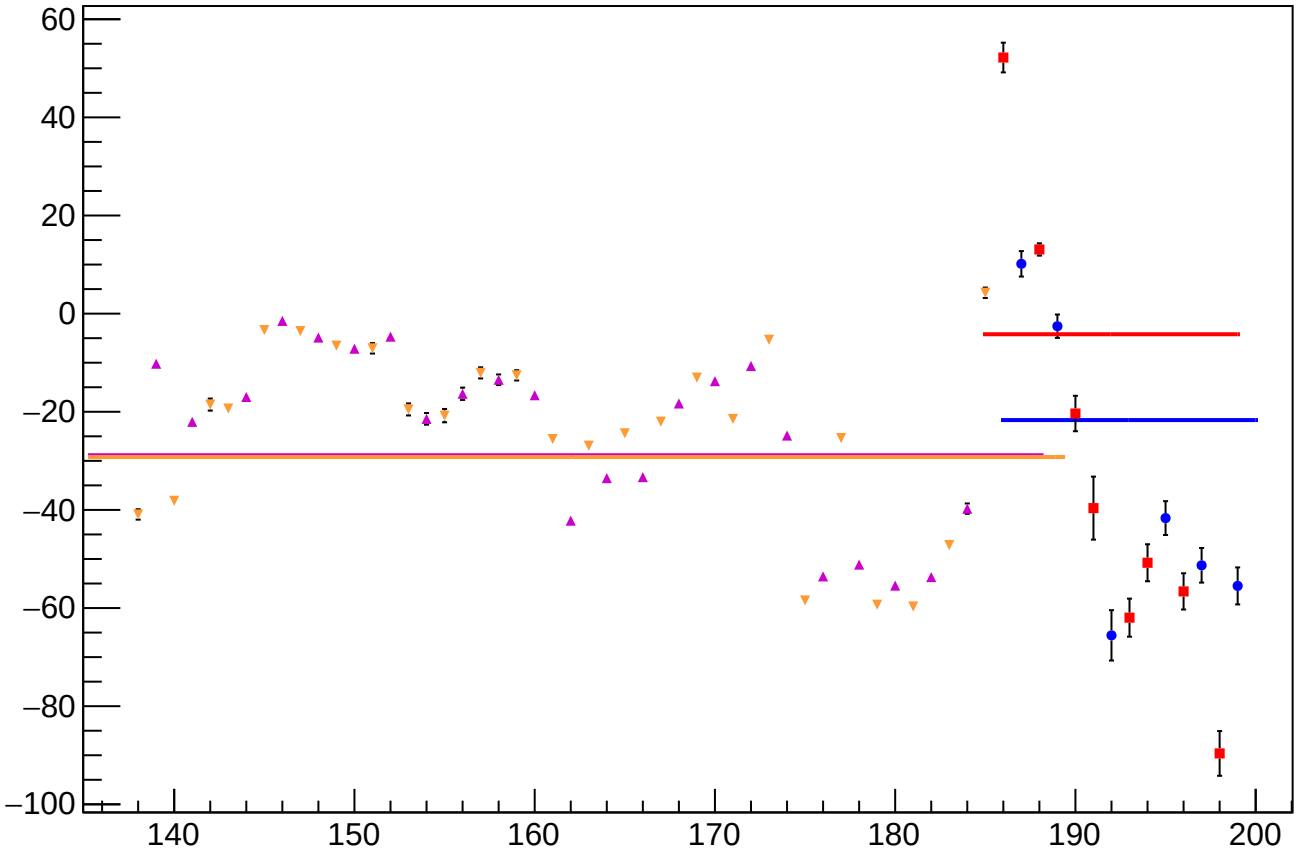
Right: -1.080+/-0.025 χ^2/NDF: 806.1/13

In: -0.109+/-0.006 χ^2/NDF:4052.0/28

Out: -0.140+/-0.006 χ^2/NDF:3649.8/32

All: -0.124+/-0.004 χ^2/NDF: 7717.2/61

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.692+/-1.294 χ^2/NDF: 472.4/5

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -4.200+/-0.951 χ^2/NDF: 1513.7/7

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

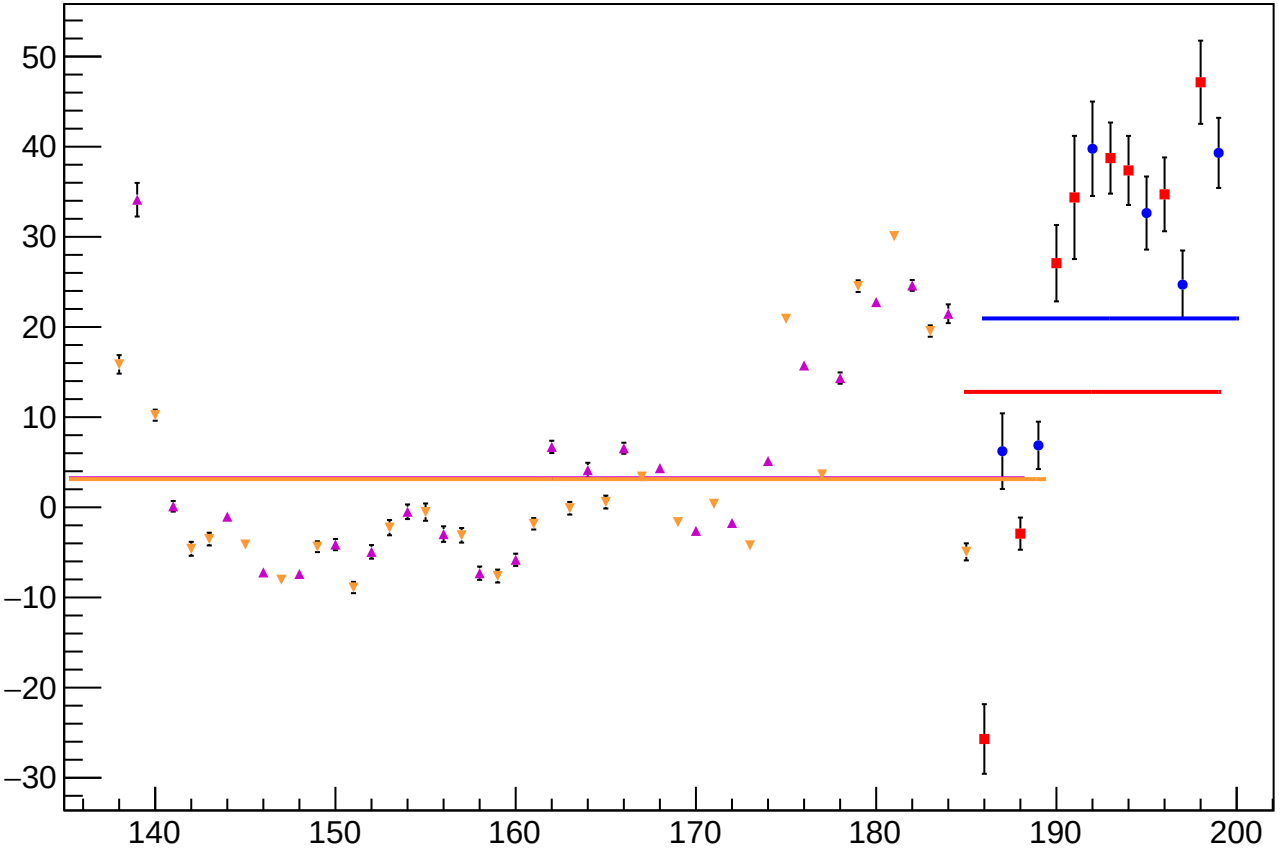
Right: -10.337+/-0.766 χ^2/NDF: 2104.7/13

In: -28.750+/-0.158 χ^2/NDF:14056.2/28

Out: -28.563+/-0.155 χ^2/NDF:19067.8/32

All: -28.655+/-0.111 χ^2/NDF: 33124.7/61

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.950+/-1.517 χ^2/NDF: 85.5/5

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 12.801+/-1.198 χ^2/NDF: 366.8/7

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

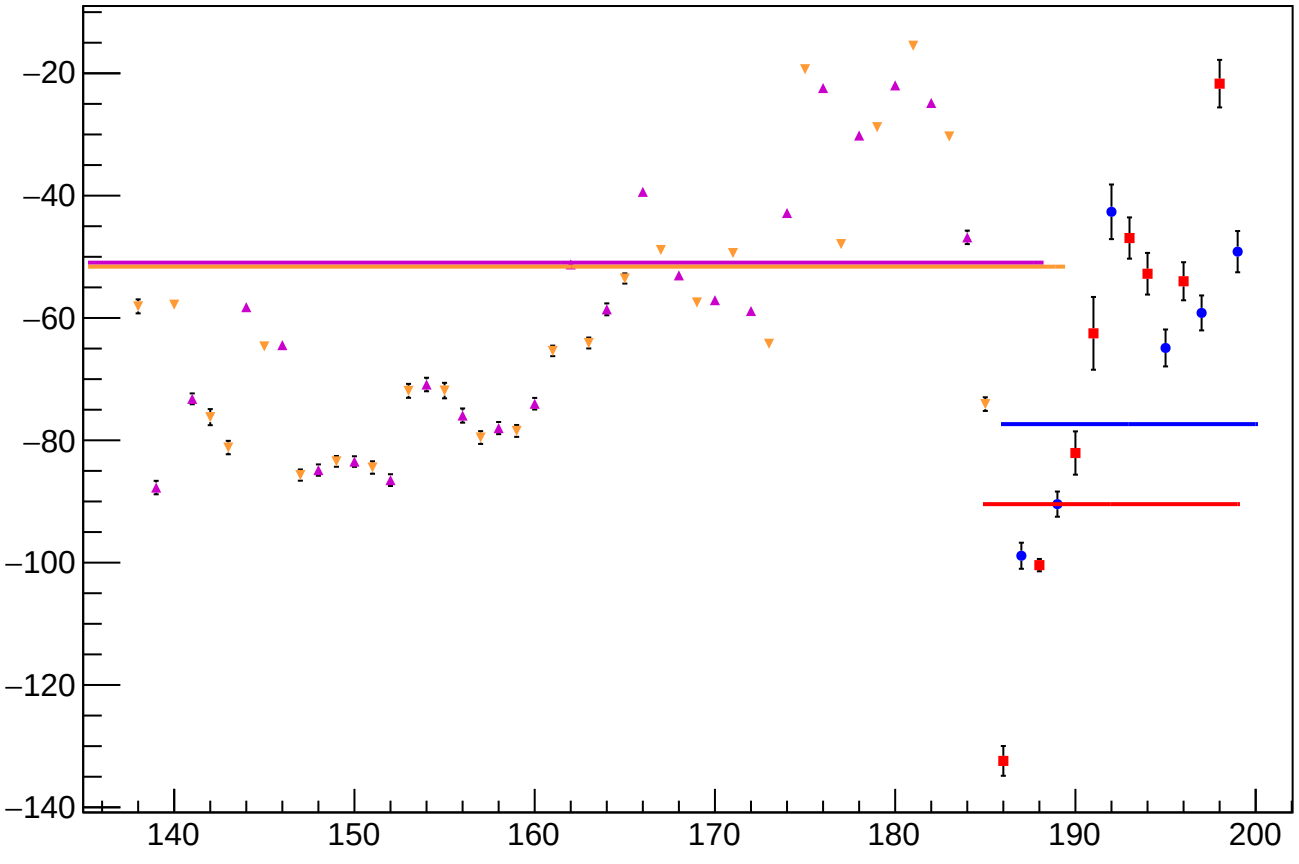
Right: 15.931+/-0.940 χ^2/NDF: 470.0/13

In: 3.347+/-0.126 χ^2/NDF:6495.1/28

Out: 3.229+/-0.124 χ^2/NDF:8480.3/32

All: 3.287+/-0.088 χ^2/NDF: 14975.9/61

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.353+/-1.100 χ^2/NDF: 329.9/5

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -90.437+/-0.791 χ^2/NDF: 1160.8/7

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

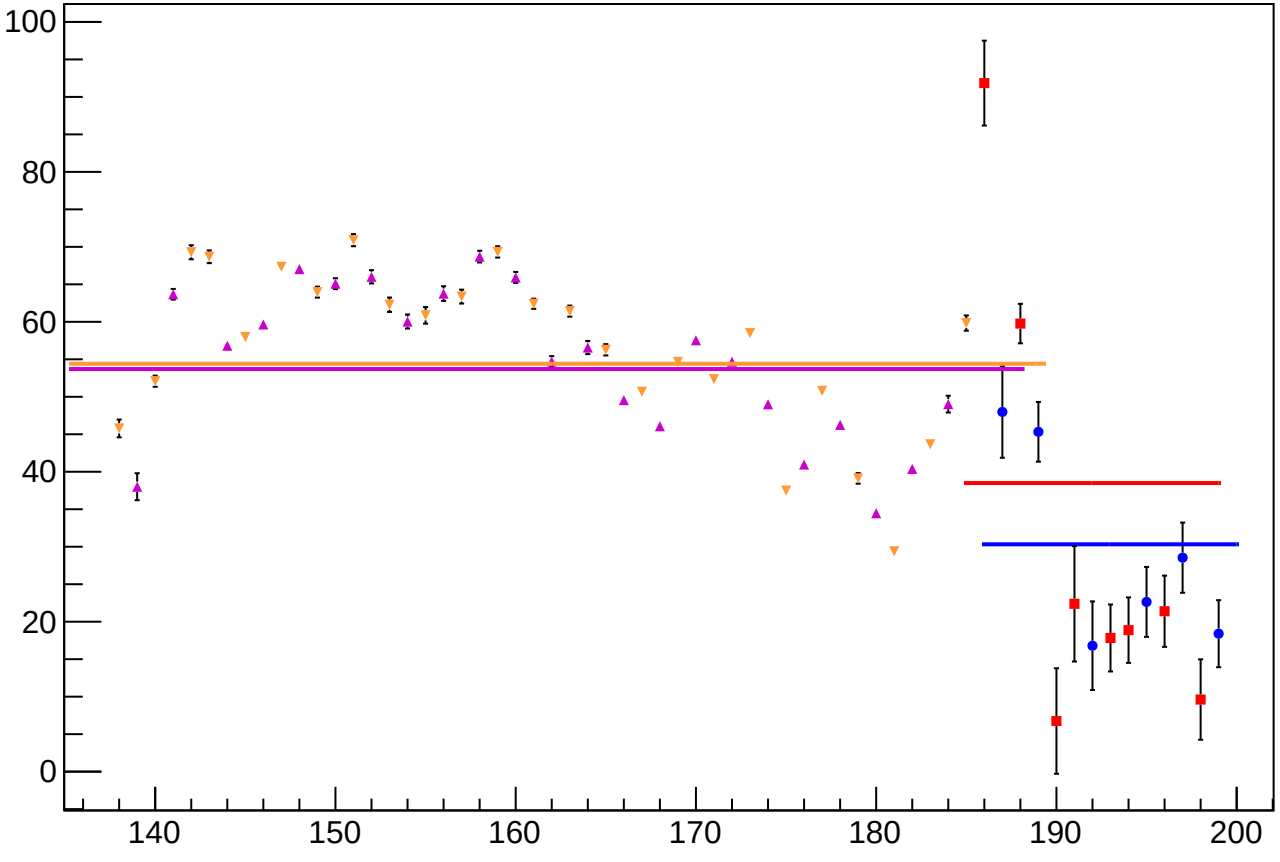
Right: -85.981+/-0.642 χ^2/NDF: 1583.9/13

In: -51.497+/-0.158 χ^2/NDF:18365.8/28

Out: -53.103+/-0.155 χ^2/NDF:22863.7/32

All: -52.314+/-0.111 χ^2/NDF: 41282.2/61

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.323+/-1.961 χ^2/NDF: 37.7/5

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 38.493+/-1.593 χ^2/NDF: 262.4/7

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

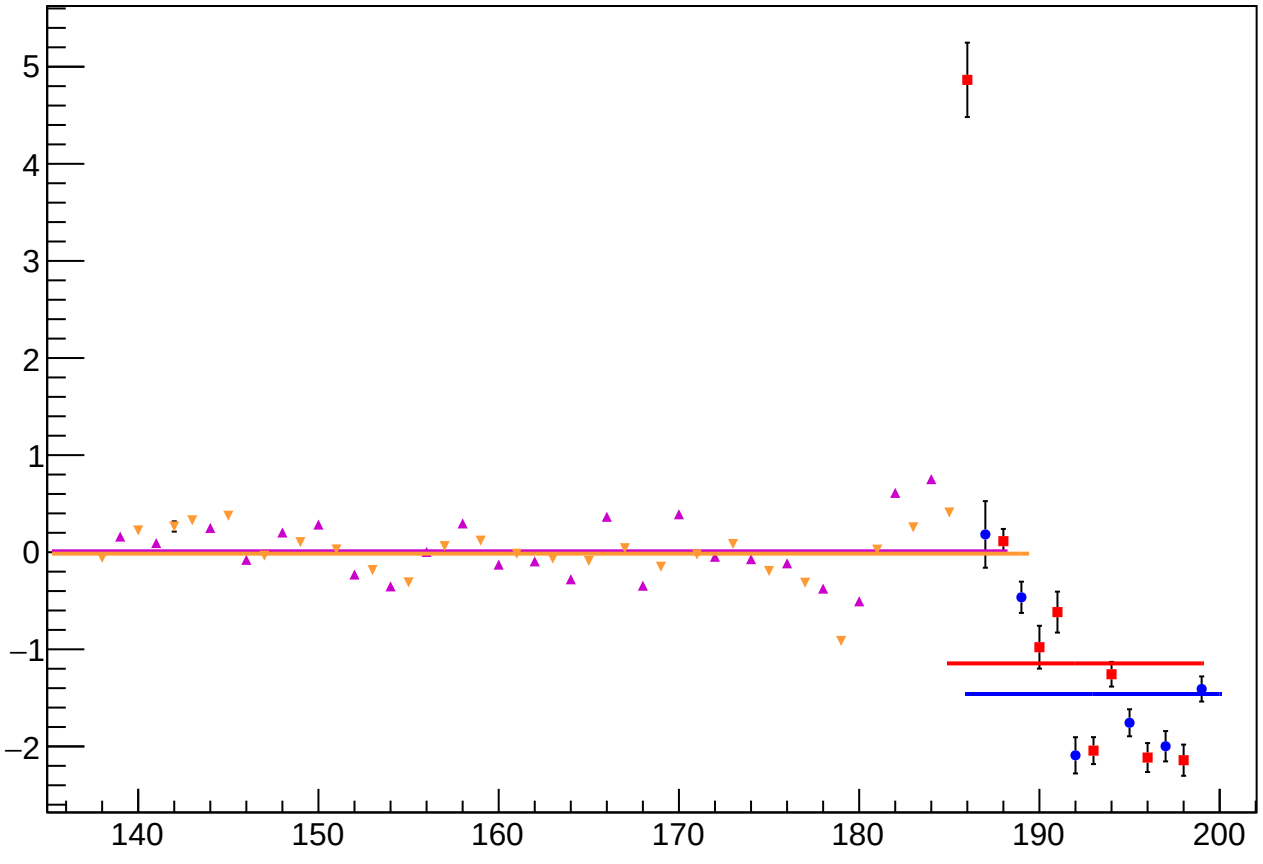
Right: 35.246+/-1.236 χ^2/NDF: 310.6/13

In: 53.581+/-0.142 χ^2/NDF:4782.6/28

Out: 54.284+/-0.140 χ^2/NDF:6561.9/32

All: 53.938+/-0.100 χ^2/NDF: 11357.0/61

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.460+/-0.066 χ^2/NDF: 89.2/5

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -1.145+/-0.057 χ^2/NDF: 476.7/7

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

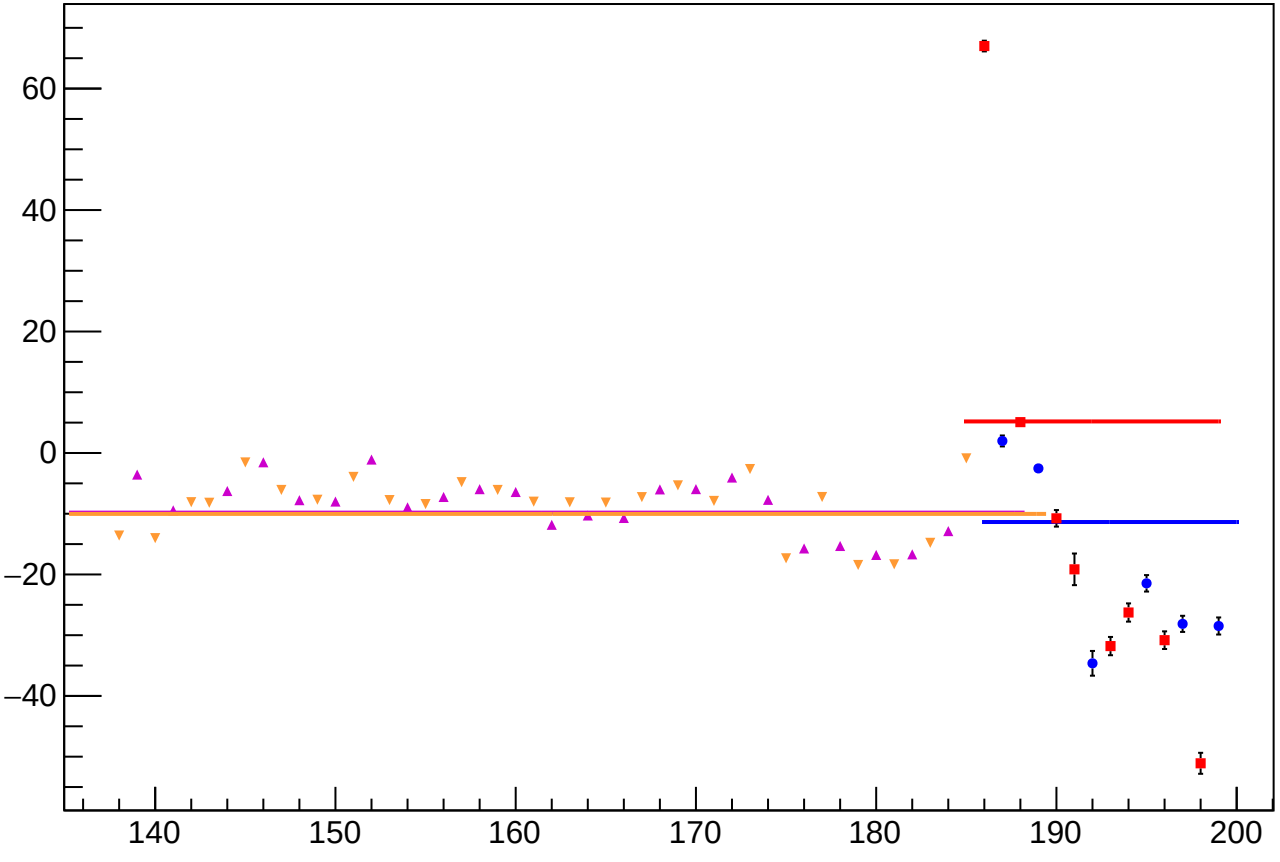
Right: -1.278+/-0.043 χ^2/NDF: 579.0/13

In: -0.005+/-0.006 χ^2/NDF:2806.3/28

Out: -0.029+/-0.006 χ^2/NDF:2514.4/32

All: -0.017+/-0.005 χ^2/NDF: 5327.9/61

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.364+/-0.469 χ^2/NDF: 825.5/5

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 5.195+/-0.339 χ^2/NDF: 7821.8/7

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

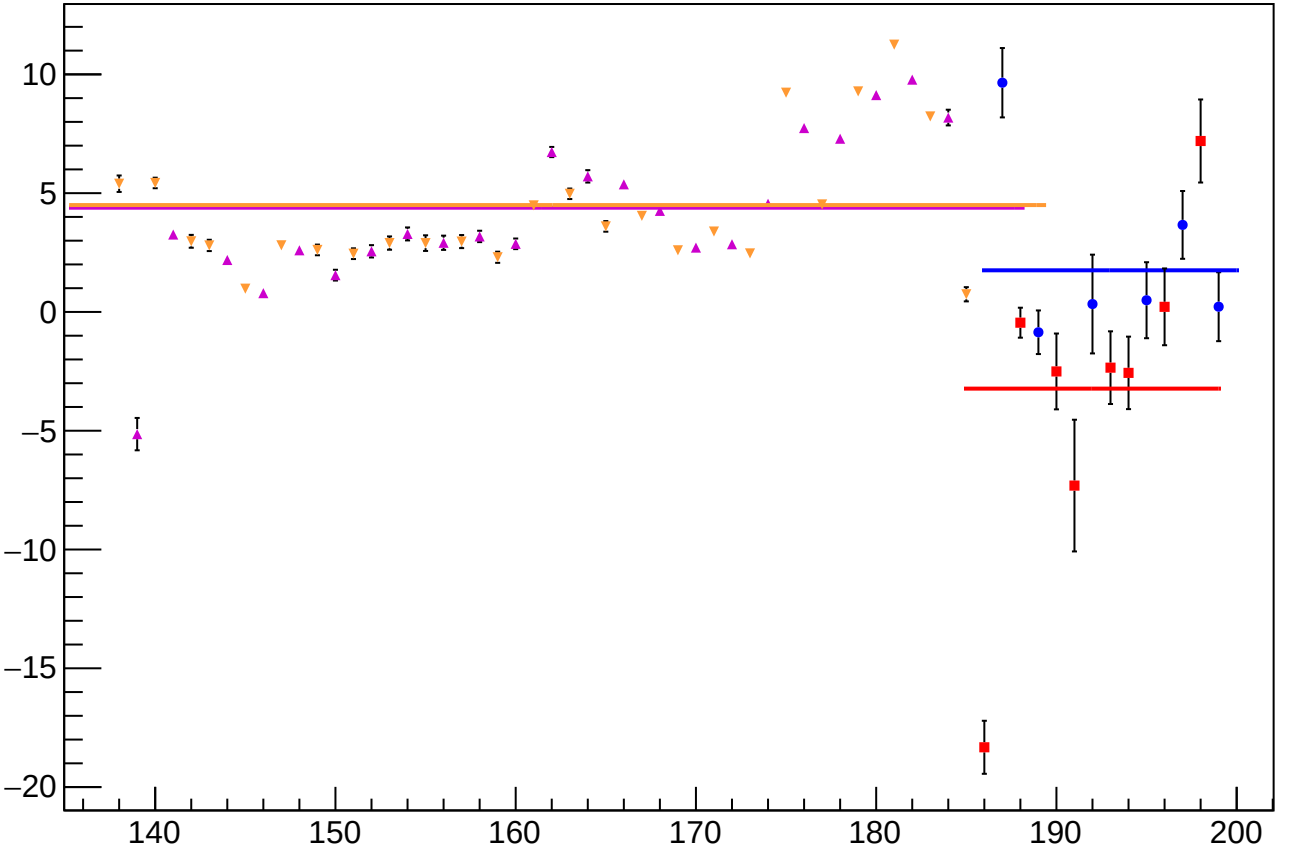
Right: -0.487+/-0.275 χ^2/NDF: 9465.2/13

In: -9.838+/-0.051 χ^2/NDF:10305.1/28

Out: -9.697+/-0.050 χ^2/NDF:22322.7/32

All: -9.766+/-0.036 χ^2/NDF: 32631.7/61

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.753+/-0.555 χ^2/NDF: 41.3/5

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -3.228+/-0.430 χ^2/NDF: 245.3/7

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

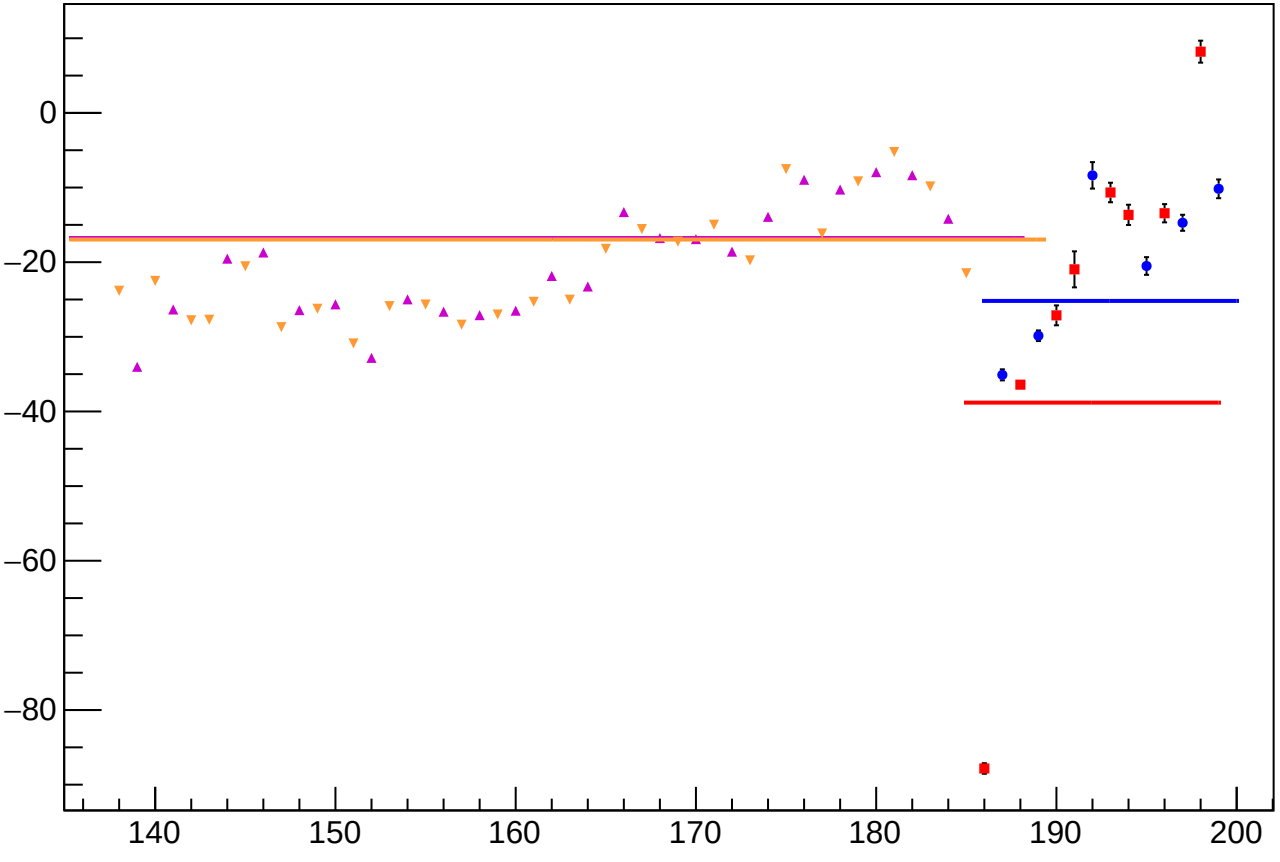
Right: -1.360+/-0.340 χ^2/NDF: 336.9/13

In: 4.374+/-0.041 χ^2/NDF:4330.1/28

Out: 4.430+/-0.041 χ^2/NDF:5374.5/32

All: 4.402+/-0.029 χ^2/NDF: 9705.6/61

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.189+/-0.397 χ^2/NDF: 565.0/5

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -38.814+/-0.281 χ^2/NDF: 7187.0/7

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

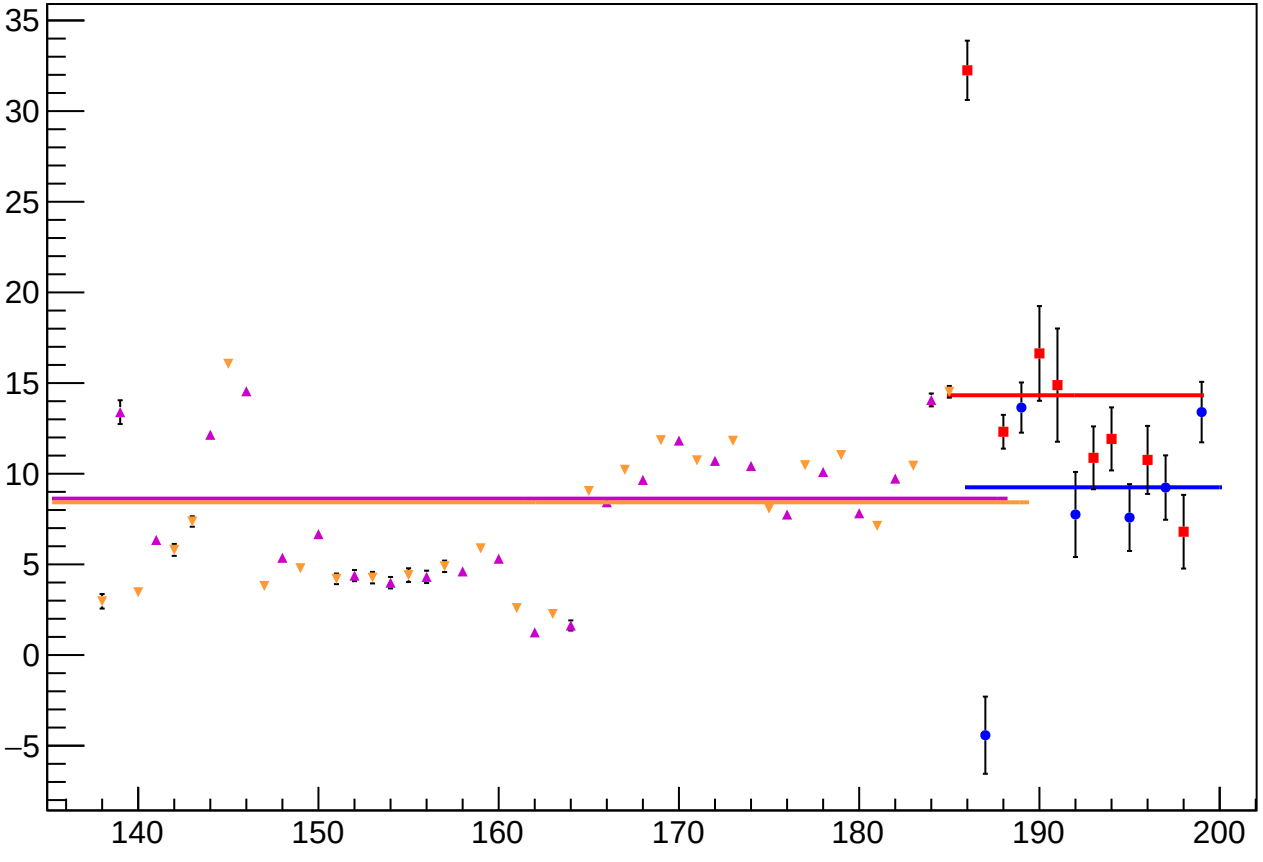
Right: -34.283+/-0.229 χ^2/NDF: 8536.4/13

In: -16.902+/-0.051 χ^2/NDF:20044.6/28

Out: -17.668+/-0.050 χ^2/NDF:34959.7/32

All: -17.290+/-0.036 χ^2/NDF: 55118.7/61

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.251+/-0.726 χ^2/NDF: 58.8/5

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 14.327+/-0.581 χ^2/NDF: 148.8/7

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

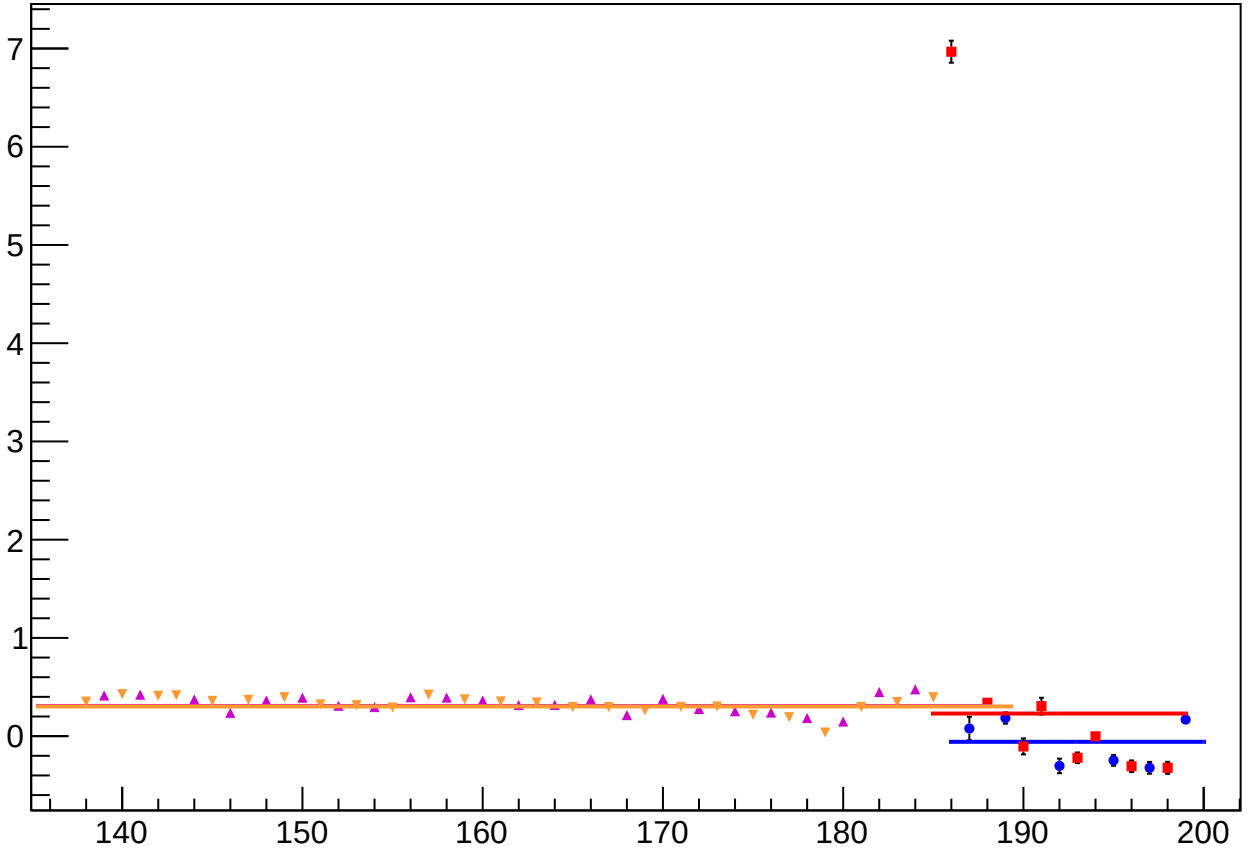
Right: 12.348+/-0.454 χ^2/NDF: 237.4/13

In: 8.628+/-0.046 χ^2/NDF:5591.4/28

Out: 8.460+/-0.045 χ^2/NDF:6730.1/32

All: 8.543+/-0.032 χ^2/NDF: 12328.3/61

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.058+/-0.025 χ^2/NDF: 83.5/5

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.230+/-0.022 χ^2/NDF: 3886.4/7

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

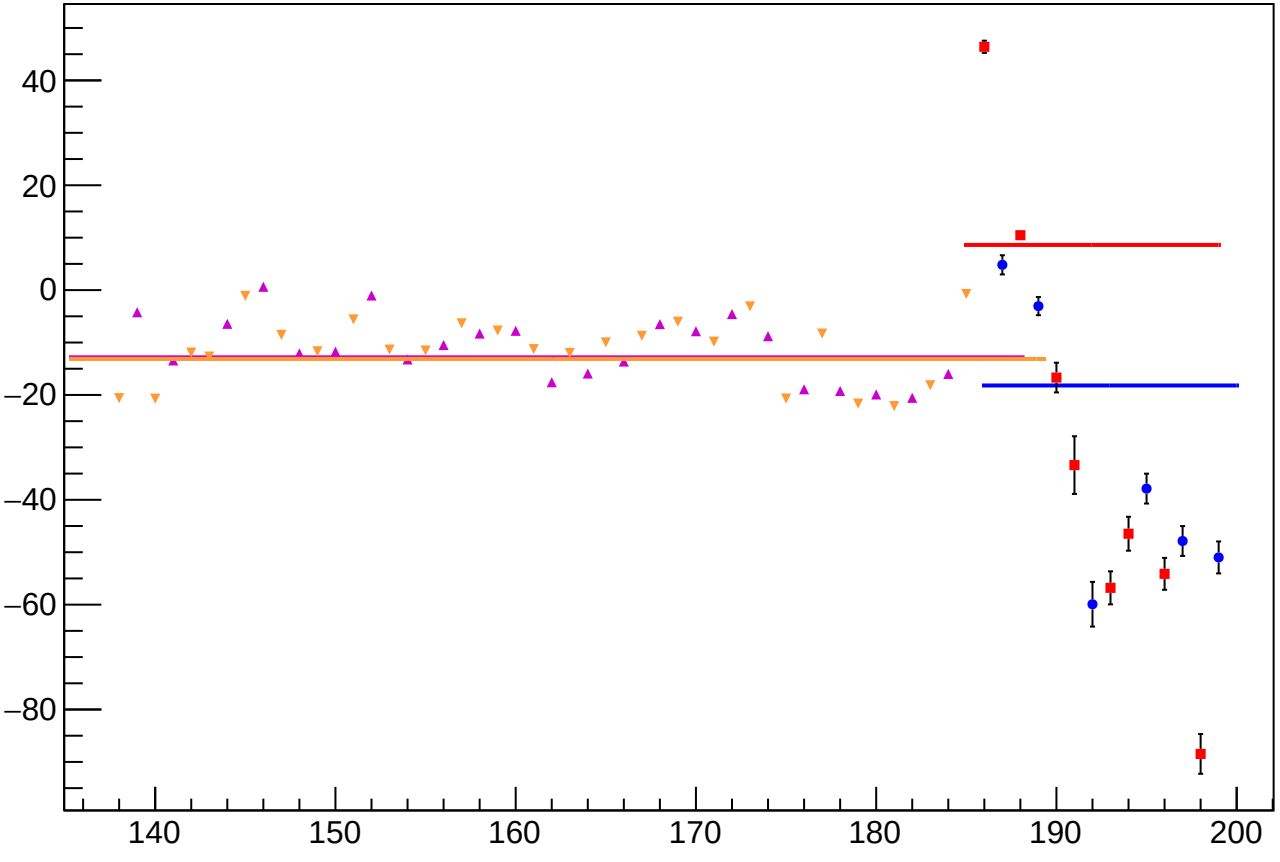
Right: 0.108+/-0.016 χ^2/NDF: 4045.9/13

In: 0.305+/-0.002 χ^2/NDF:2011.4/28

Out: 0.302+/-0.002 χ^2/NDF:5487.4/32

All: 0.303+/-0.001 χ^2/NDF: 7499.8/61

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.193+/-0.980 χ^2/NDF: 602.6/5

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 8.613+/-0.643 χ^2/NDF: 2993.0/7

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

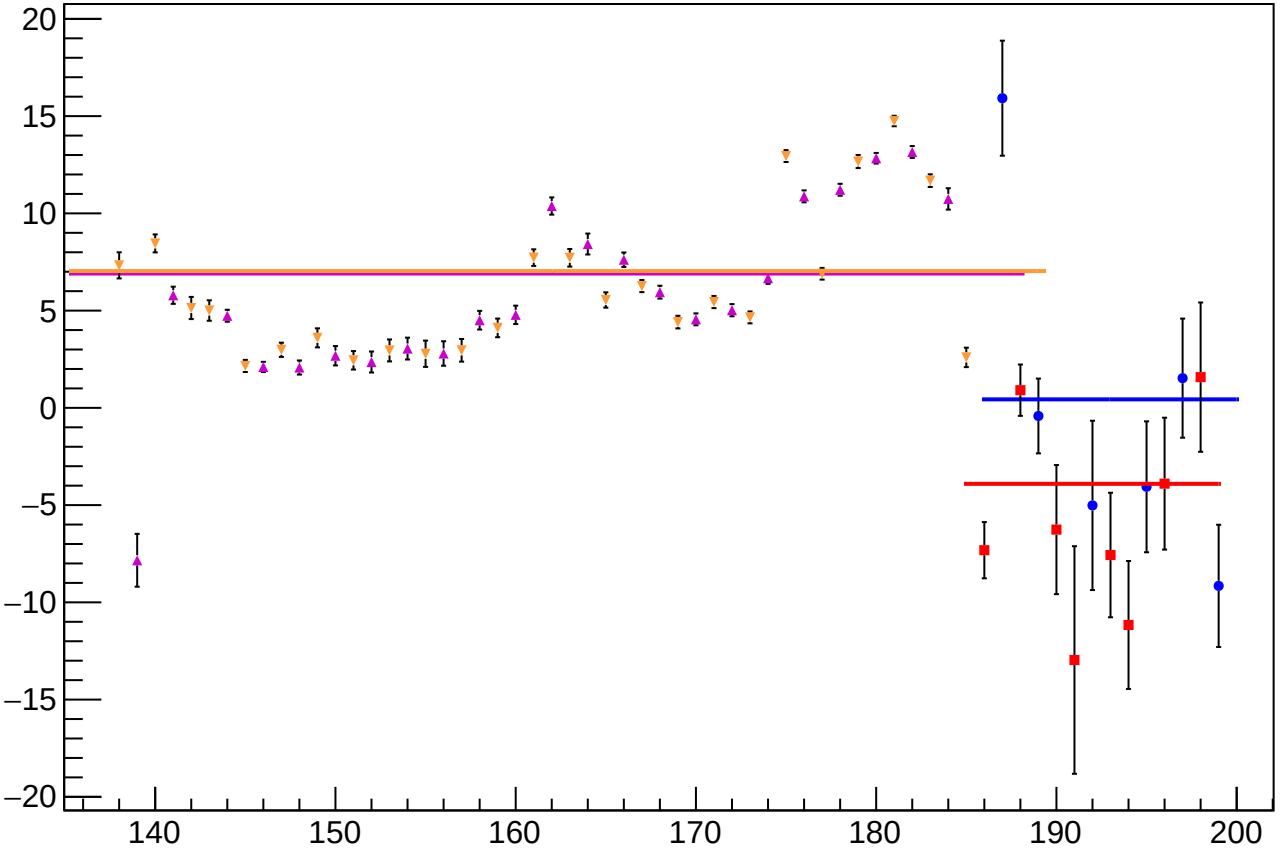
Right: 0.544+/-0.538 χ^2/NDF: 4118.4/13

In: -12.873+/-0.094 χ^2/NDF:5473.8/28

Out: -12.680+/-0.093 χ^2/NDF:10086.7/32

All: -12.775+/-0.066 χ^2/NDF: 15562.6/61

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.437+/-1.167 χ^2/NDF: 40.4/5

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -3.907+/-0.812 χ^2/NDF: 30.0/7

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

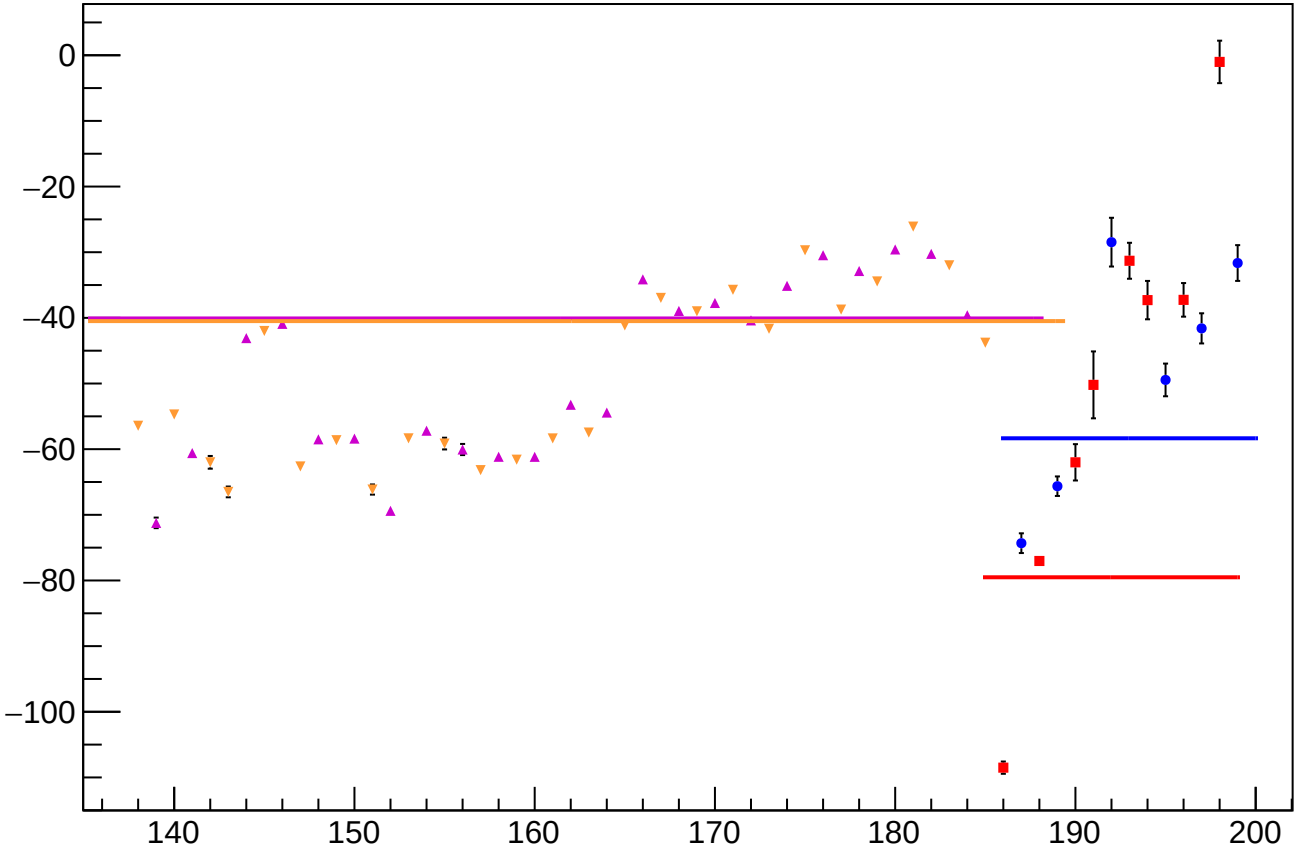
Right: -2.491+/-0.666 χ^2/NDF: 79.8/13

In: 6.878+/-0.077 χ^2/NDF:2513.8/28

Out: 6.936+/-0.077 χ^2/NDF:2867.5/32

All: 6.907+/-0.055 χ^2/NDF: 5381.7/61

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.342+/-0.829 χ^2/NDF: 363.8/5

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -79.514+/-0.528 χ^2/NDF: 2424.0/7

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

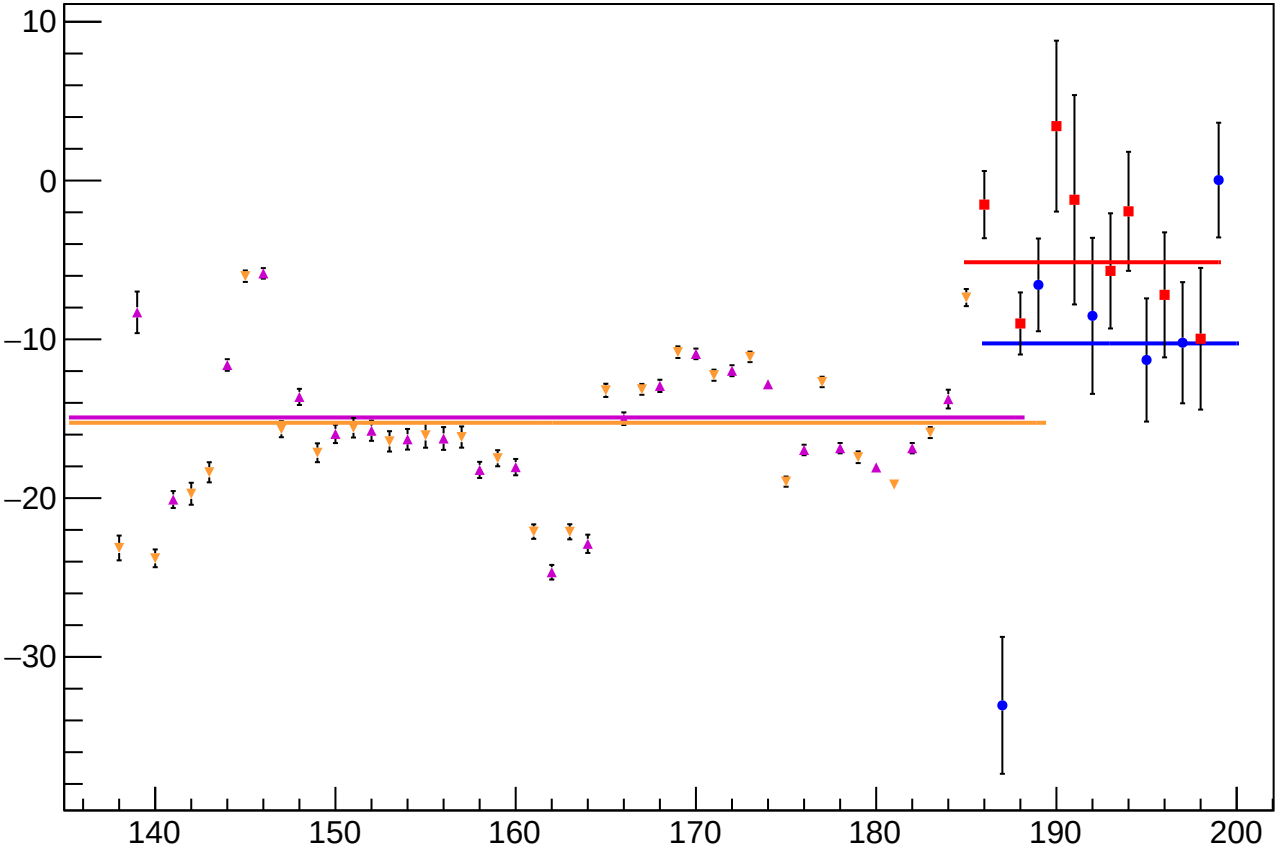
Right: -73.401+/-0.446 χ^2/NDF: 3251.1/13

In: -40.328+/-0.095 χ^2/NDF:14945.1/28

Out: -41.709+/-0.093 χ^2/NDF:23140.6/32

All: -41.029+/-0.066 χ^2/NDF: 38193.7/61

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.256+/-1.535 χ^2/NDF: 37.9/5

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -5.145+/-1.115 χ^2/NDF: 11.9/7

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

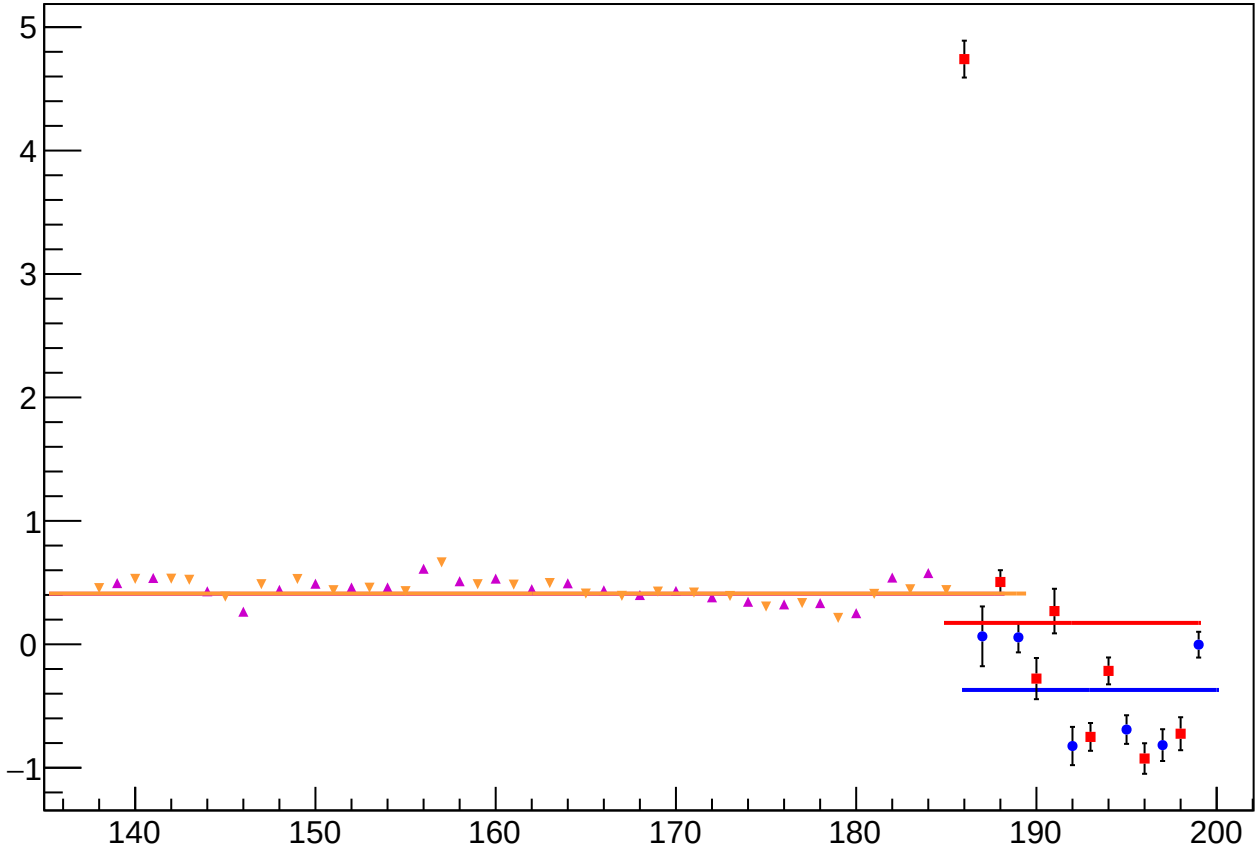
Right: -6.910+/-0.902 χ^2/NDF: 57.0/13

In: -14.904+/-0.086 χ^2/NDF:2254.8/28

Out: -15.195+/-0.086 χ^2/NDF:2688.0/32

All: -15.051+/-0.061 χ^2/NDF: 4948.5/61

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.370+/-0.053 χ^2/NDF: 56.1/5

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.174+/-0.044 χ^2/NDF: 1158.6/7

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

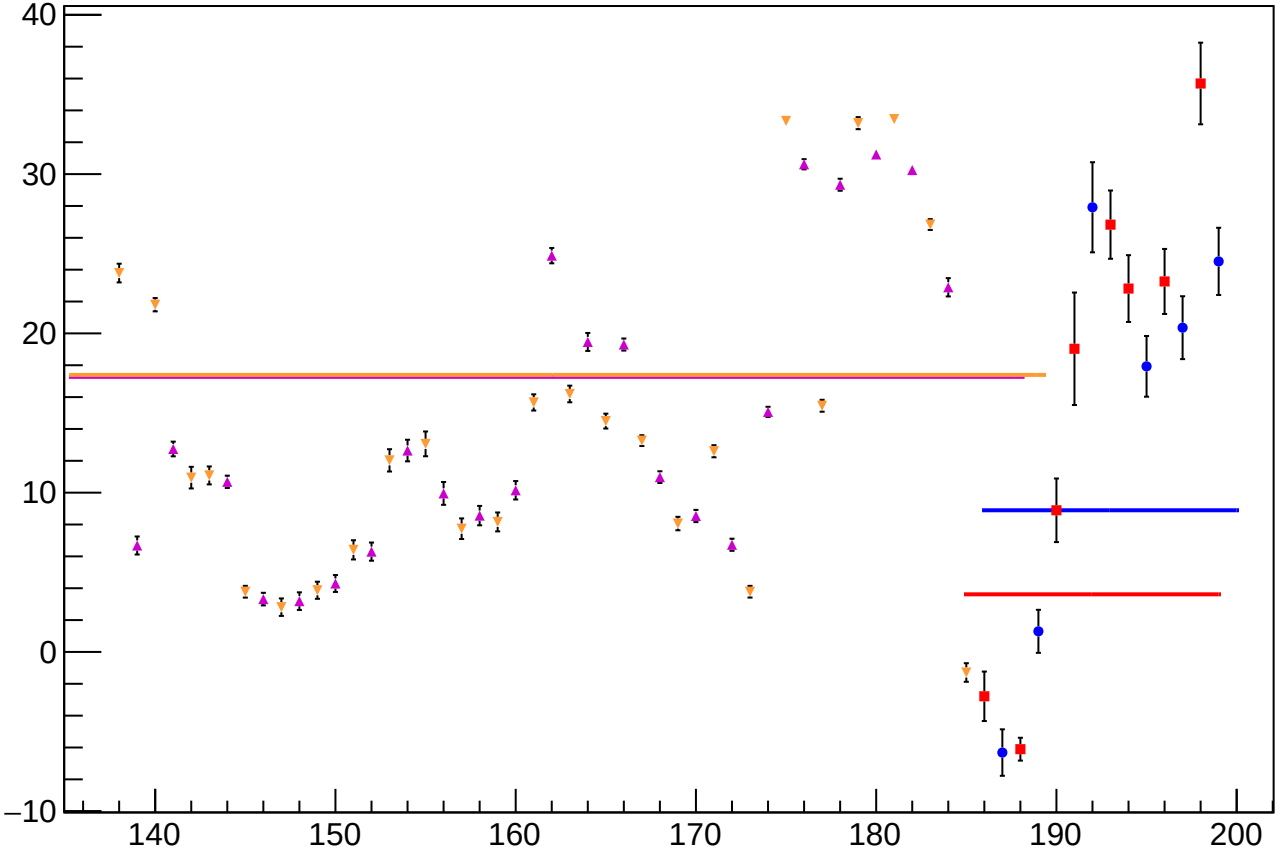
Right: -0.050+/-0.034 χ^2/NDF: 1275.9/13

In: 0.405+/-0.004 χ^2/NDF:830.6/28

Out: 0.410+/-0.004 χ^2/NDF:1615.7/32

All: 0.407+/-0.003 χ^2/NDF: 2447.0/61

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.894+/-0.726 χ^2/NDF: 296.6/5

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 3.617+/-0.532 χ^2/NDF: 677.3/7

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

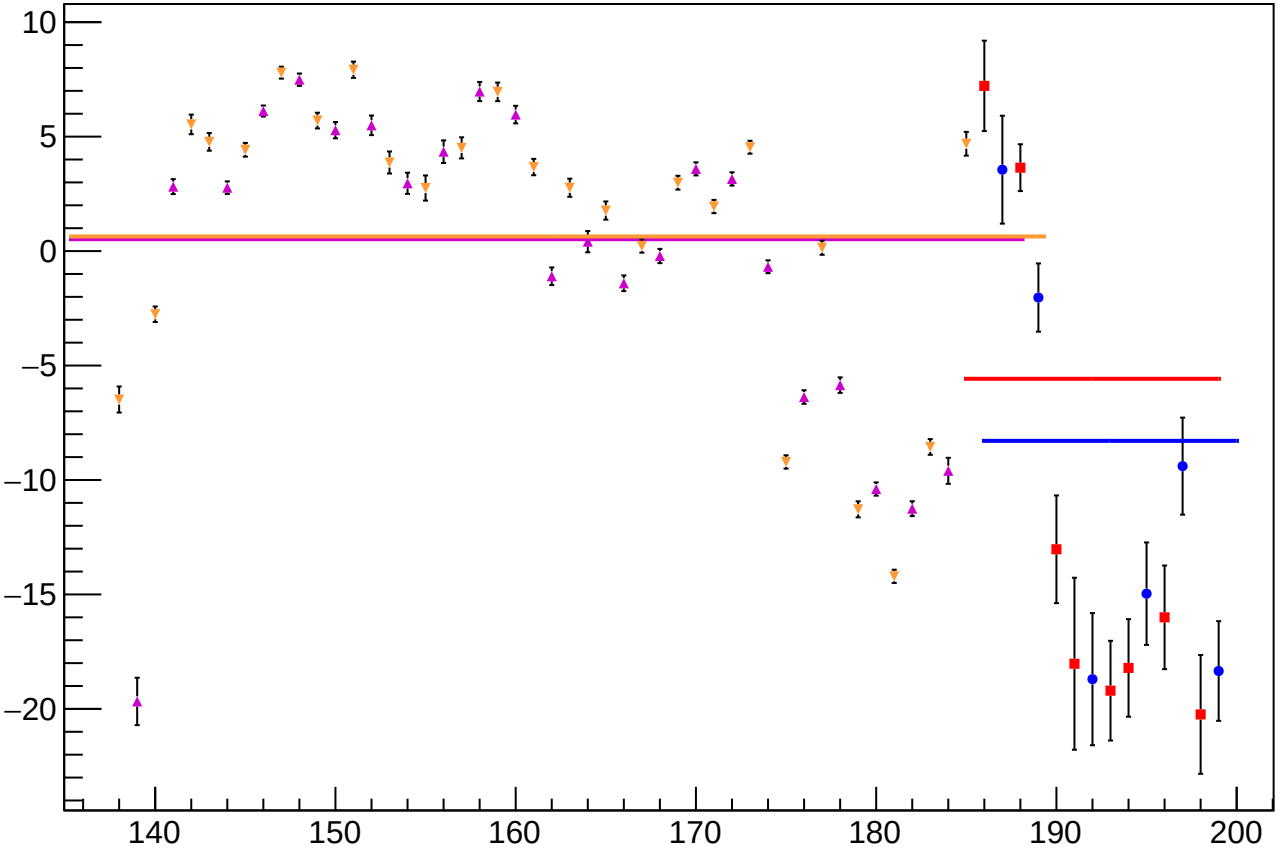
Right: 5.463+/-0.429 χ^2/NDF: 1008.3/13

In: 17.148+/-0.088 χ^2/NDF:13320.1/28

Out: 17.033+/-0.086 χ^2/NDF:17635.2/32

All: 17.089+/-0.061 χ^2/NDF: 30956.2/61

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.290+/-0.850 χ^2/NDF: 86.4/5

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -5.578+/-0.668 χ^2/NDF: 271.7/7

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

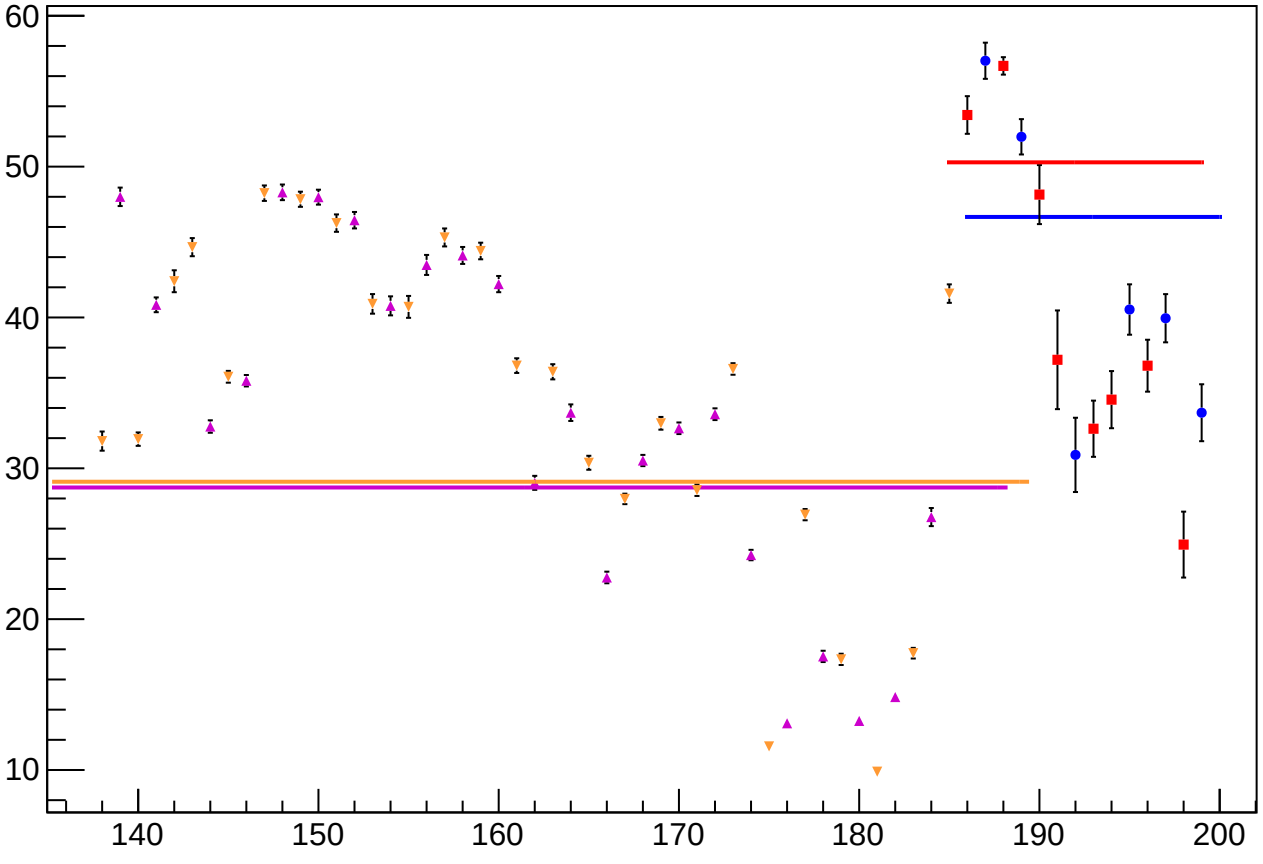
Right: -6.614+/-0.525 χ^2/NDF: 364.4/13

In: 0.459+/-0.070 χ^2/NDF:6969.8/28

Out: 0.573+/-0.069 χ^2/NDF:8872.2/32

All: 0.517+/-0.049 χ^2/NDF: 15843.3/61

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 46.665+/-0.618 χ^2/NDF: 214.6/5

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 50.285+/-0.443 χ^2/NDF: 500.4/7

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

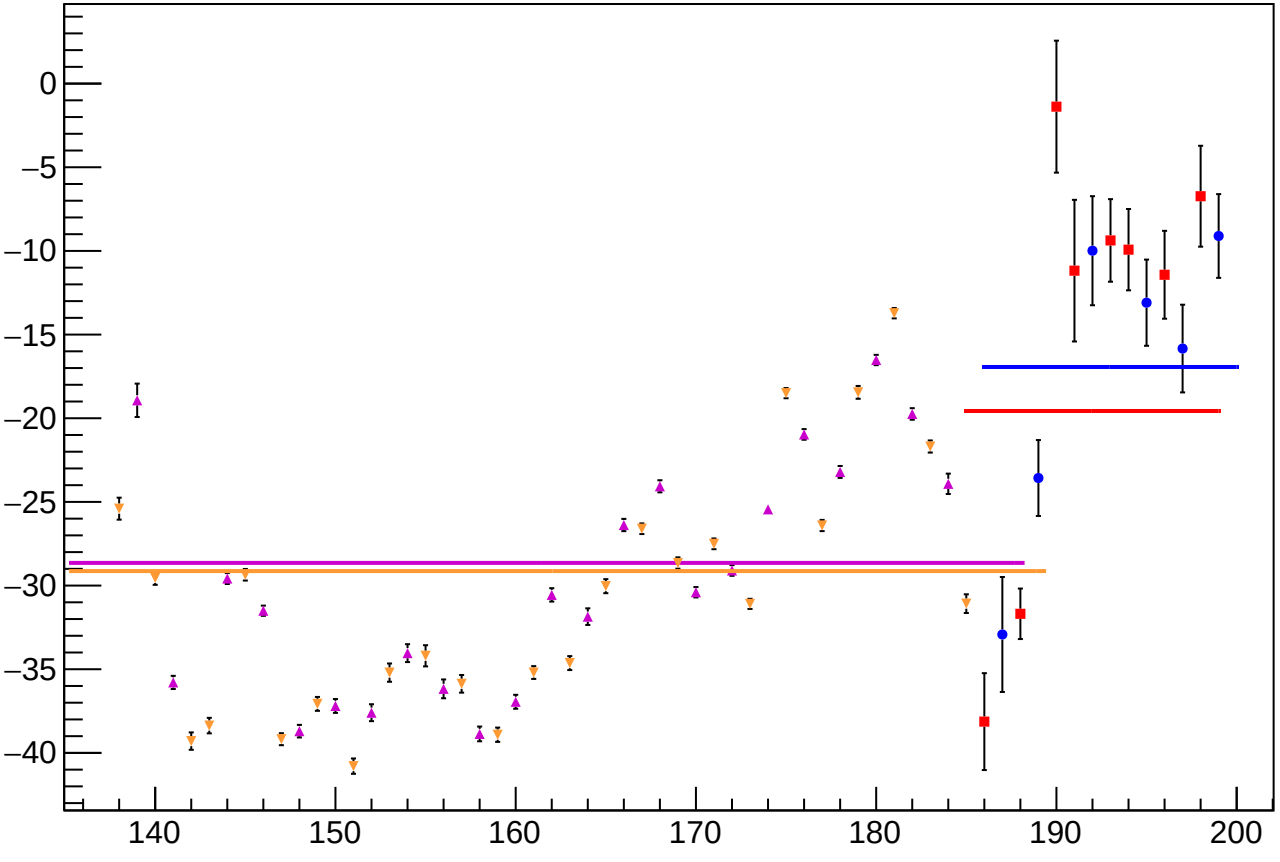
Right: 49.056+/-0.360 χ^2/NDF: 737.7/13

In: 29.091+/-0.088 χ^2/NDF:18078.0/28

Out: 29.913+/-0.086 χ^2/NDF:21545.3/32

All: 29.509+/-0.062 χ^2/NDF: 39667.8/61

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.936+/-1.098 χ^2/NDF: 46.9/5

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -19.566+/-0.888 χ^2/NDF: 191.4/7

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

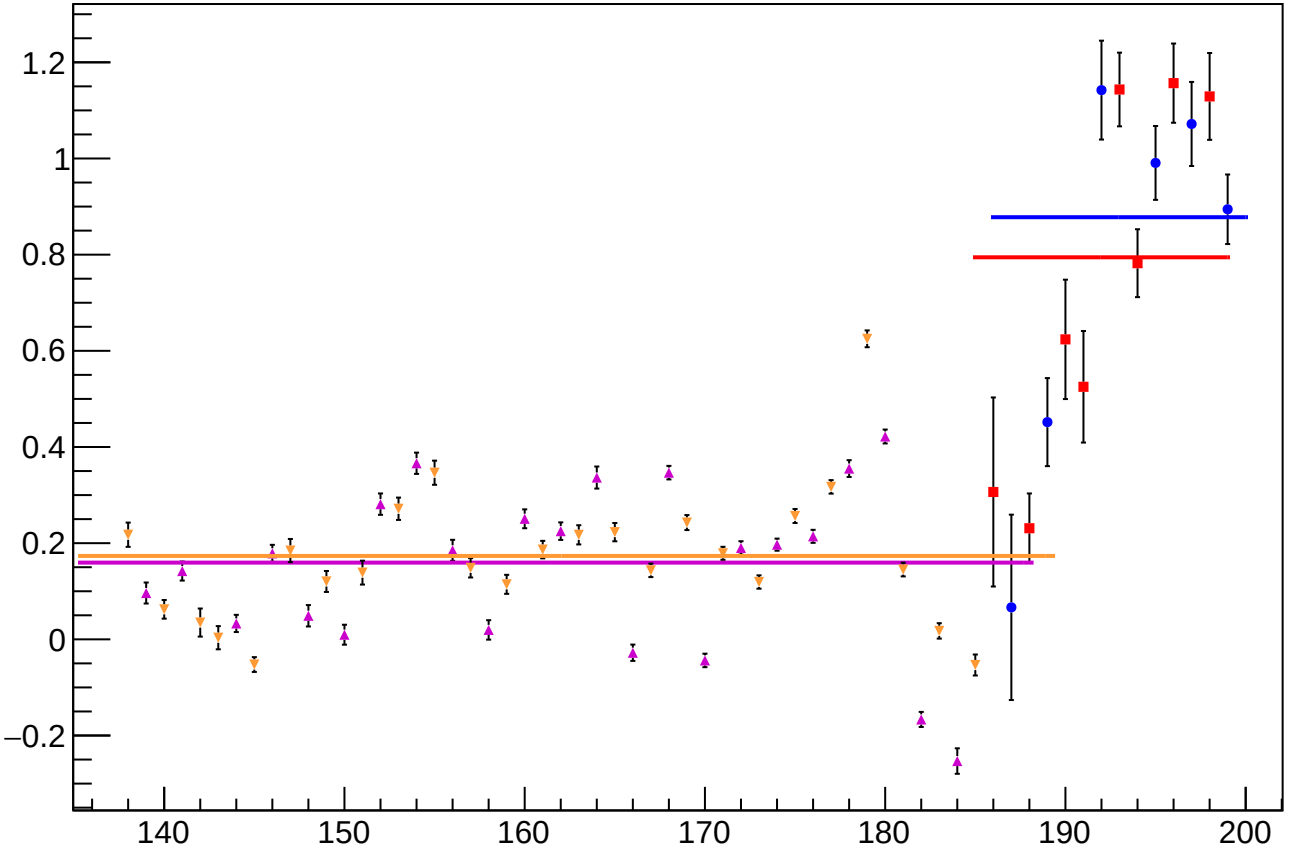
Right: -18.526+/-0.691 χ^2/NDF: 241.8/13

In: -28.584+/-0.079 χ^2/NDF:6853.5/28

Out: -29.060+/-0.078 χ^2/NDF:9304.5/32

All: -28.826+/-0.056 χ^2/NDF: 16176.4/61

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.878+/-0.037 χ^2/NDF: 53.1/5

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.794+/-0.032 χ^2/NDF: 127.9/7

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

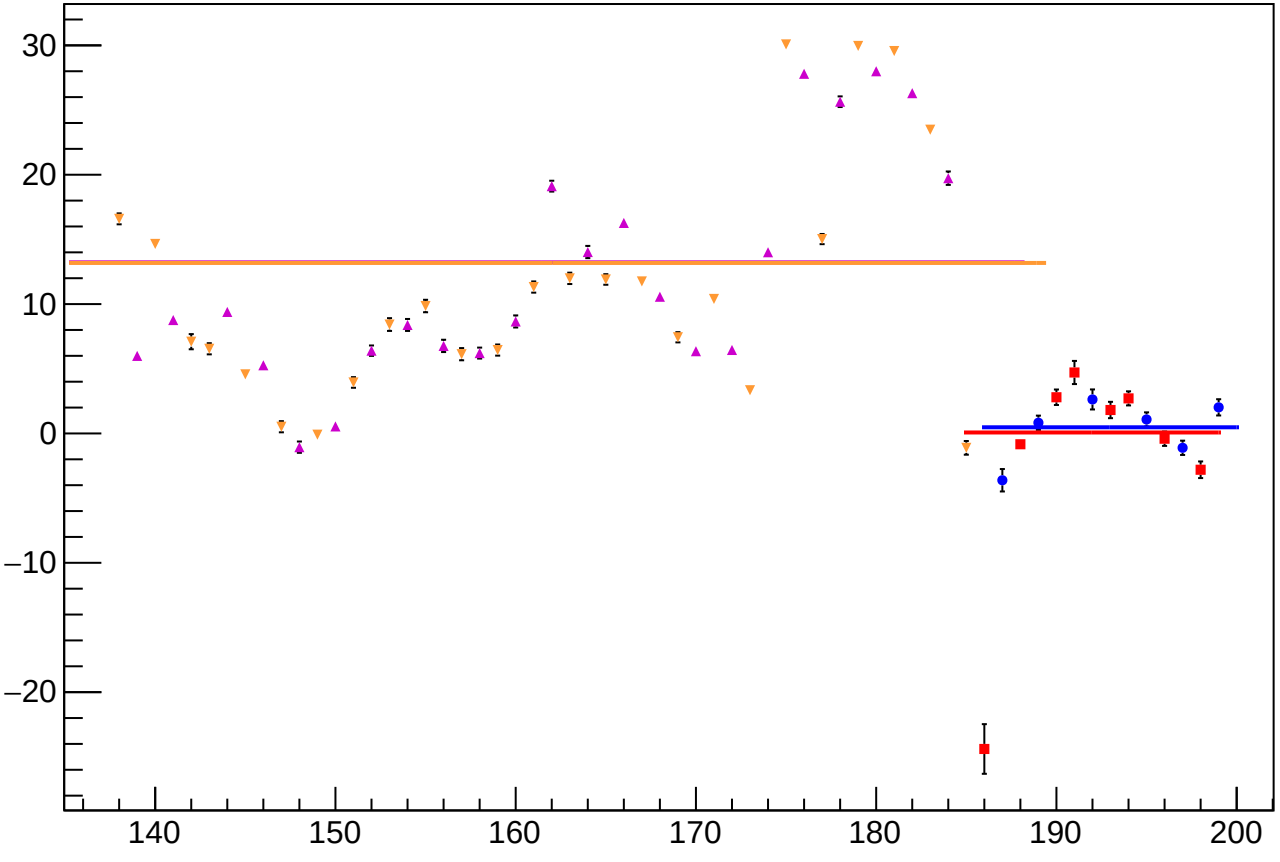
Right: 0.830+/-0.024 χ^2/NDF: 184.0/13

In: 0.166+/-0.004 χ^2/NDF:2491.1/28

Out: 0.181+/-0.004 χ^2/NDF:1976.5/32

All: 0.174+/-0.003 χ^2/NDF: 4476.1/61

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.476+/-0.255 χ^2/NDF: 45.9/5

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.075+/-0.188 χ^2/NDF: 272.4/7

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

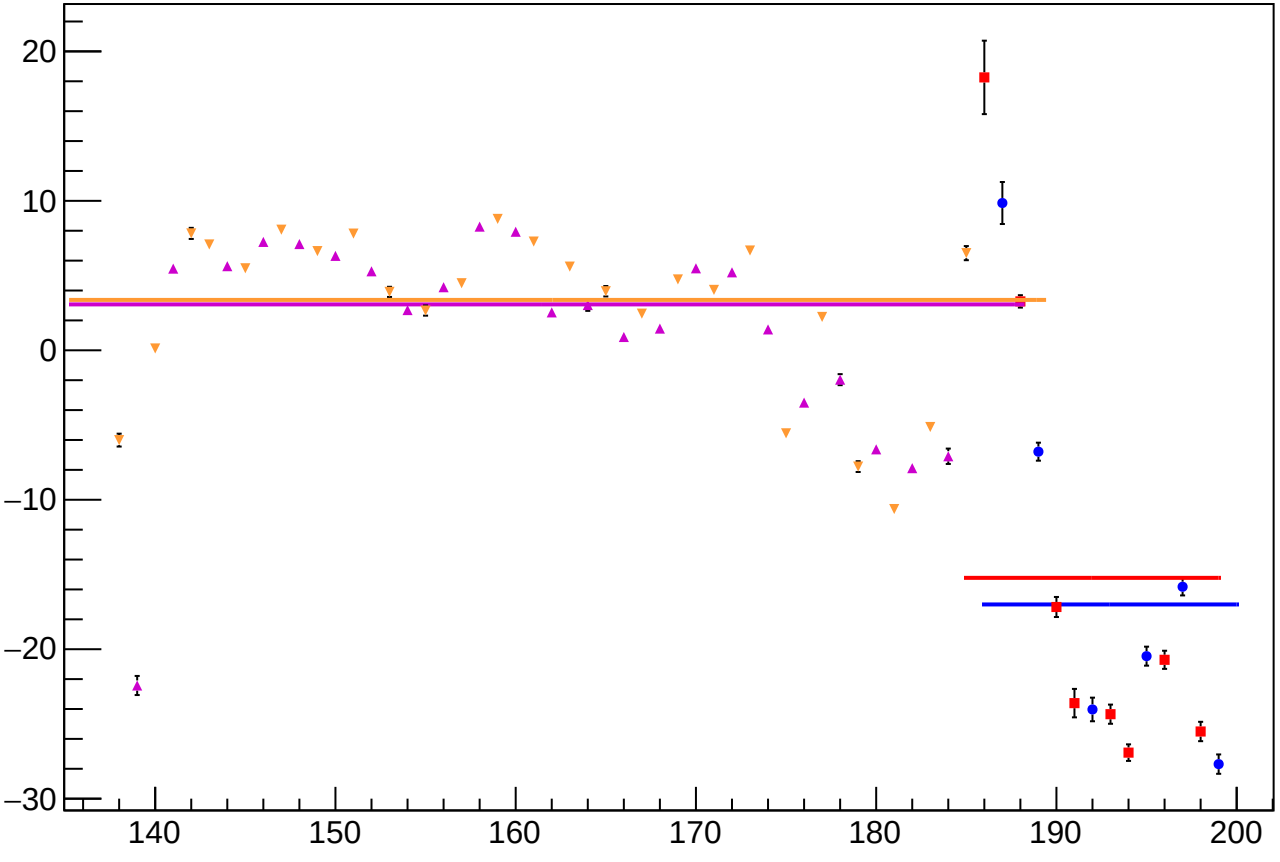
Right: 0.216+/-0.151 χ^2/NDF: 319.9/13

In: 12.170+/-0.073 χ^2/NDF:16470.1/28

Out: 11.358+/-0.070 χ^2/NDF:21517.5/32

All: 11.744+/-0.051 χ^2/NDF: 38051.8/61

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.004+/-0.281 χ^2/NDF: 1037.9/5

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -15.225+/-0.223 χ^2/NDF: 3245.4/7

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

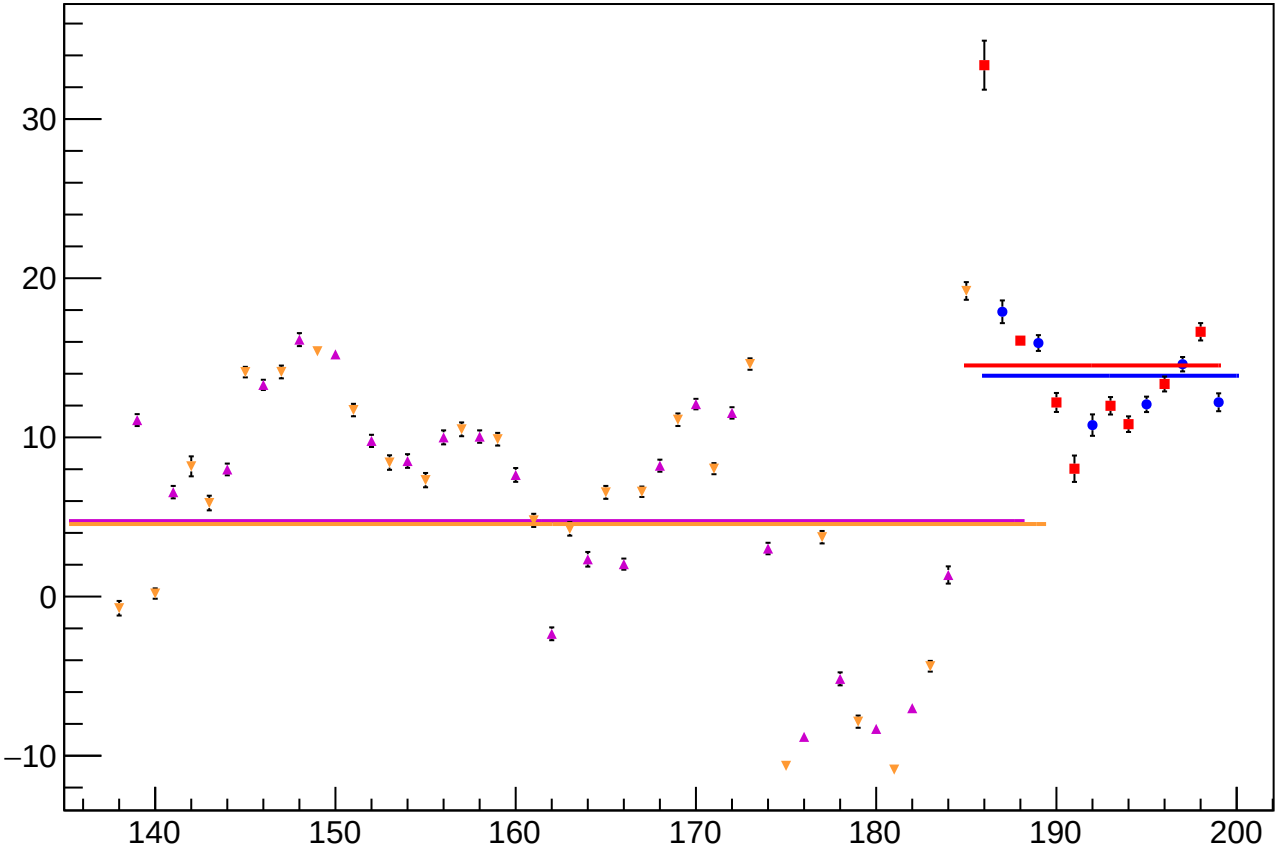
Right: -15.914+/-0.175 χ^2/NDF: 4307.9/13

In: 2.183+/-0.059 χ^2/NDF:13198.4/28

Out: 2.173+/-0.057 χ^2/NDF:17803.1/32

All: 2.178+/-0.041 χ^2/NDF: 31001.5/61

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.874+/-0.221 χ^2/NDF: 95.1/5

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.520+/-0.160 χ^2/NDF: 371.7/7

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

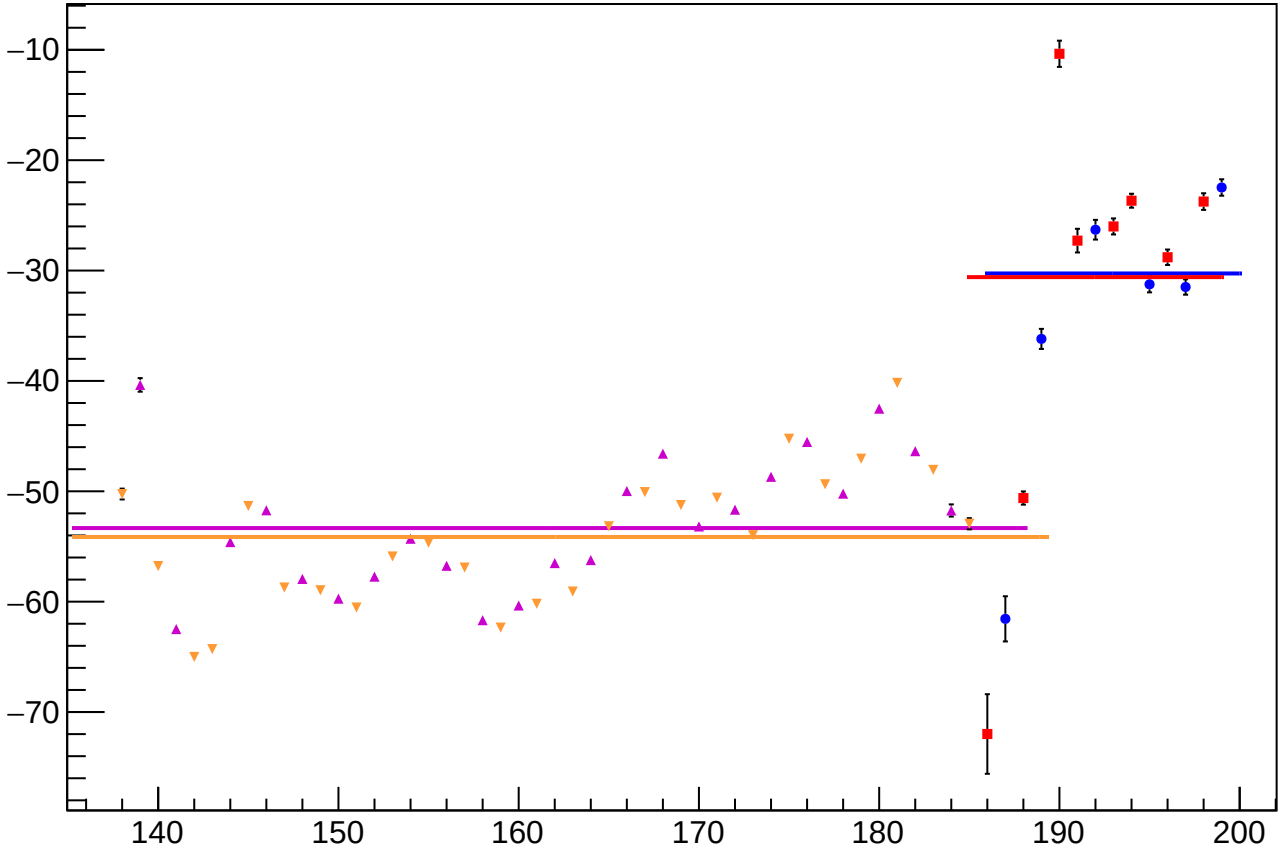
Right: 14.298+/-0.129 χ^2/NDF: 472.4/13

In: 5.718+/-0.072 χ^2/NDF:13041.5/28

Out: 6.376+/-0.068 χ^2/NDF:17136.6/32

All: 6.065+/-0.050 χ^2/NDF: 30222.0/61

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.264+/-0.344 χ^2/NDF: 410.4/5

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -30.595+/-0.281 χ^2/NDF: 1797.1/7

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

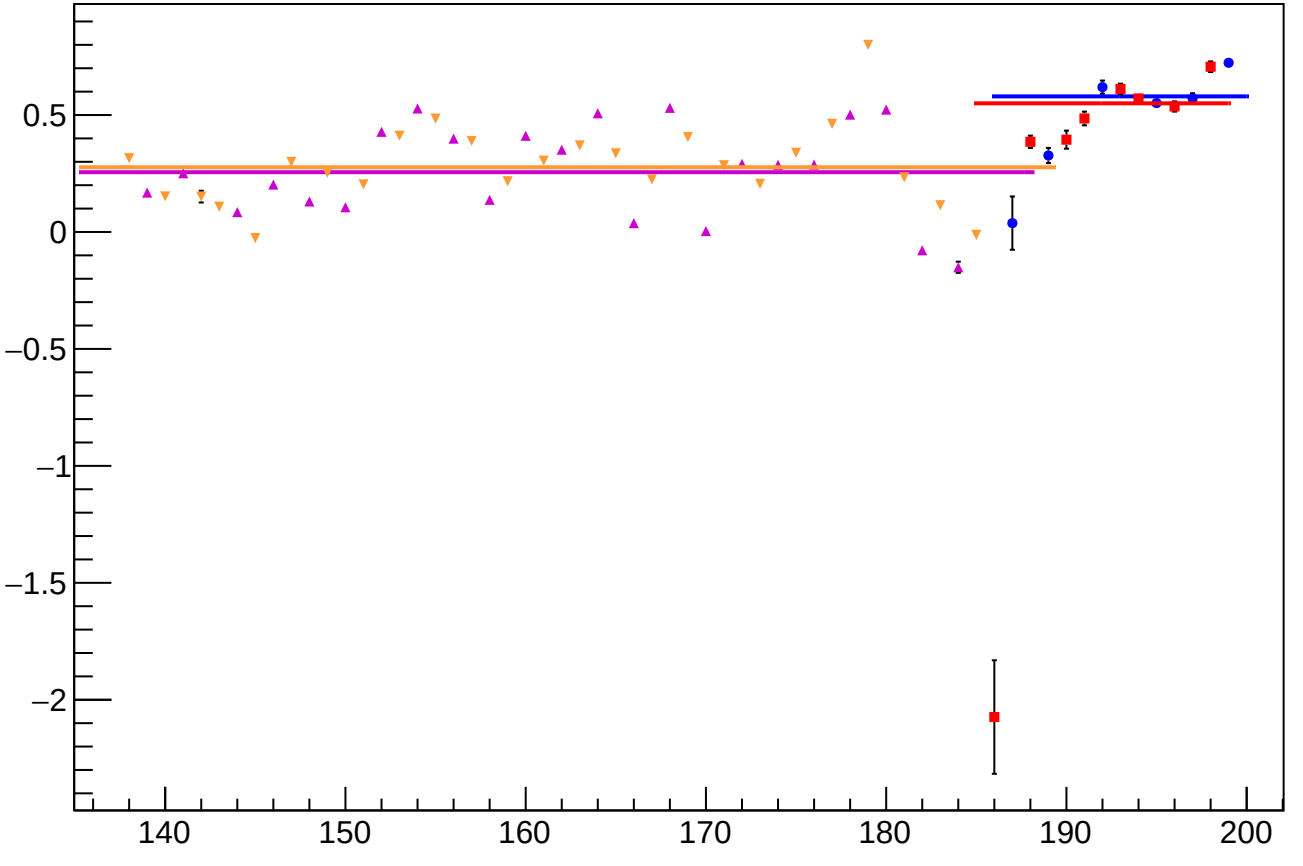
Right: -30.462+/-0.218 χ^2/NDF: 2208.0/13

In: -52.456+/-0.067 χ^2/NDF:11677.1/28

Out: -52.891+/-0.065 χ^2/NDF:16730.3/32

All: -52.681+/-0.047 χ^2/NDF: 28429.1/61

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.580+/-0.011 χ^2/NDF: 131.1/5

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.550+/-0.009 χ^2/NDF: 233.9/7

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

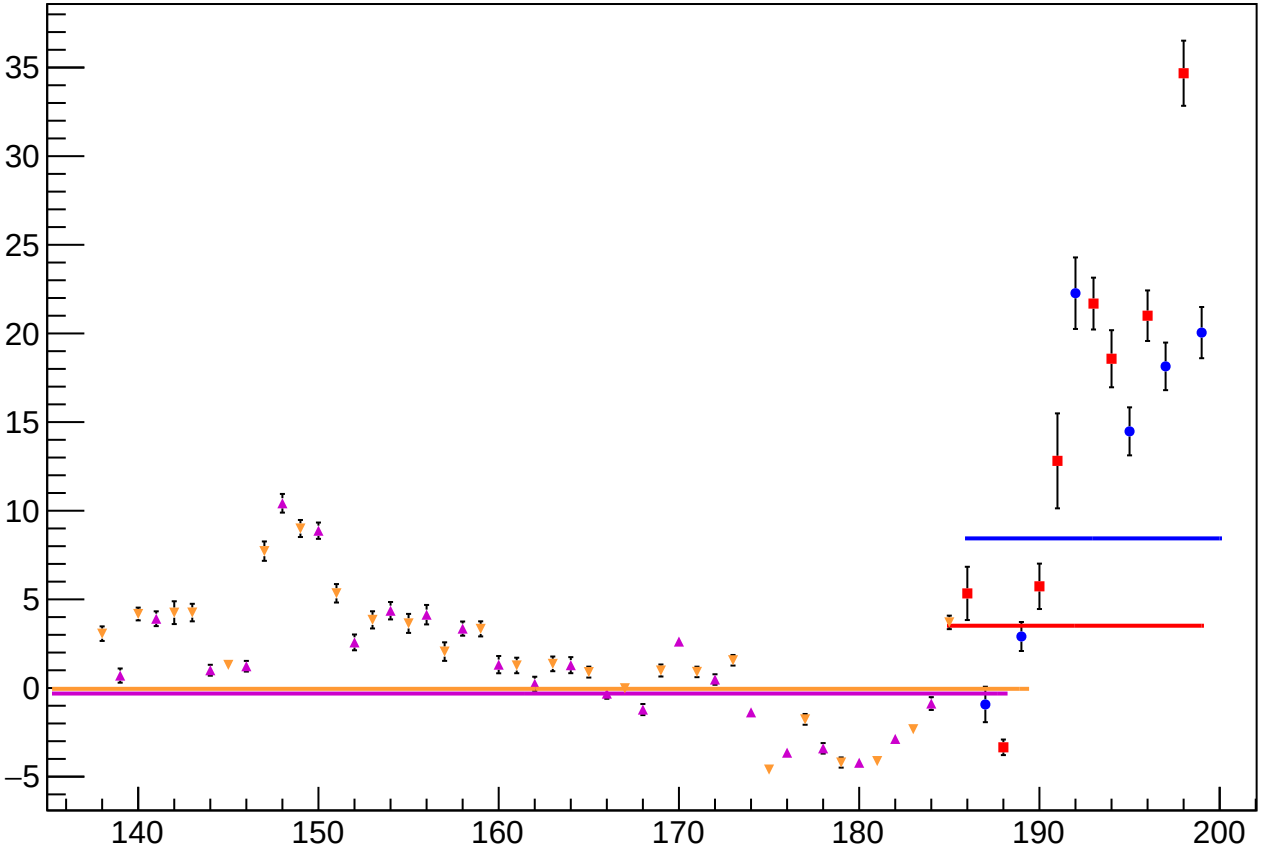
Right: 0.562+/-0.007 χ^2/NDF: 369.5/13

In: 0.280+/-0.003 χ^2/NDF:4608.8/28

Out: 0.305+/-0.003 χ^2/NDF:3661.1/32

All: 0.293+/-0.002 χ^2/NDF: 8305.3/61

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.439+/-0.481 χ^2/NDF: 317.3/5

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 3.514+/-0.353 χ^2/NDF: 940.8/7

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

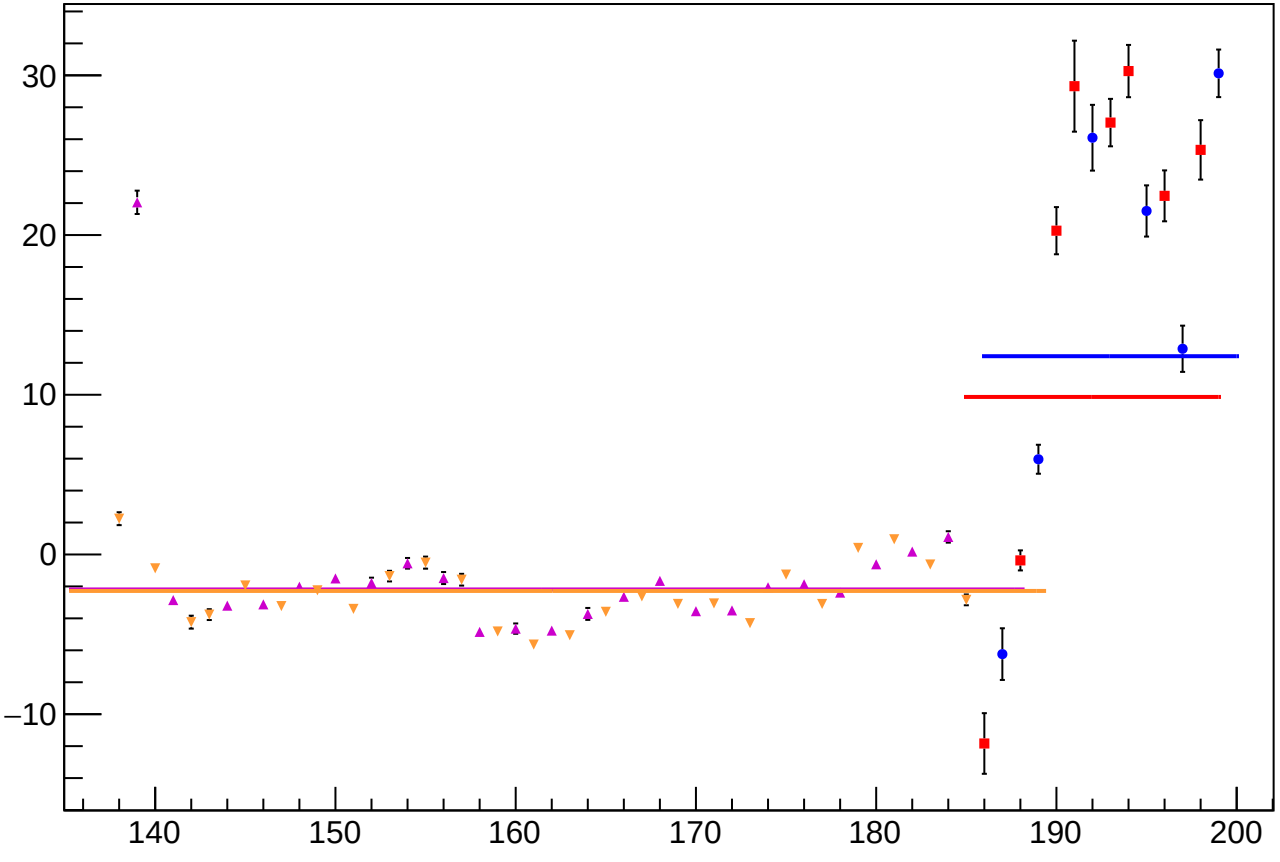
Right: 5.238+/-0.285 χ^2/NDF: 1326.3/13

In: -0.145+/-0.066 χ^2/NDF:2894.6/28

Out: 0.075+/-0.065 χ^2/NDF:3668.0/32

All: -0.033+/-0.046 χ^2/NDF: 6568.2/61

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.414+/-0.563 χ^2/NDF: 401.4/5

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 9.864+/-0.452 χ^2/NDF: 913.3/7

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

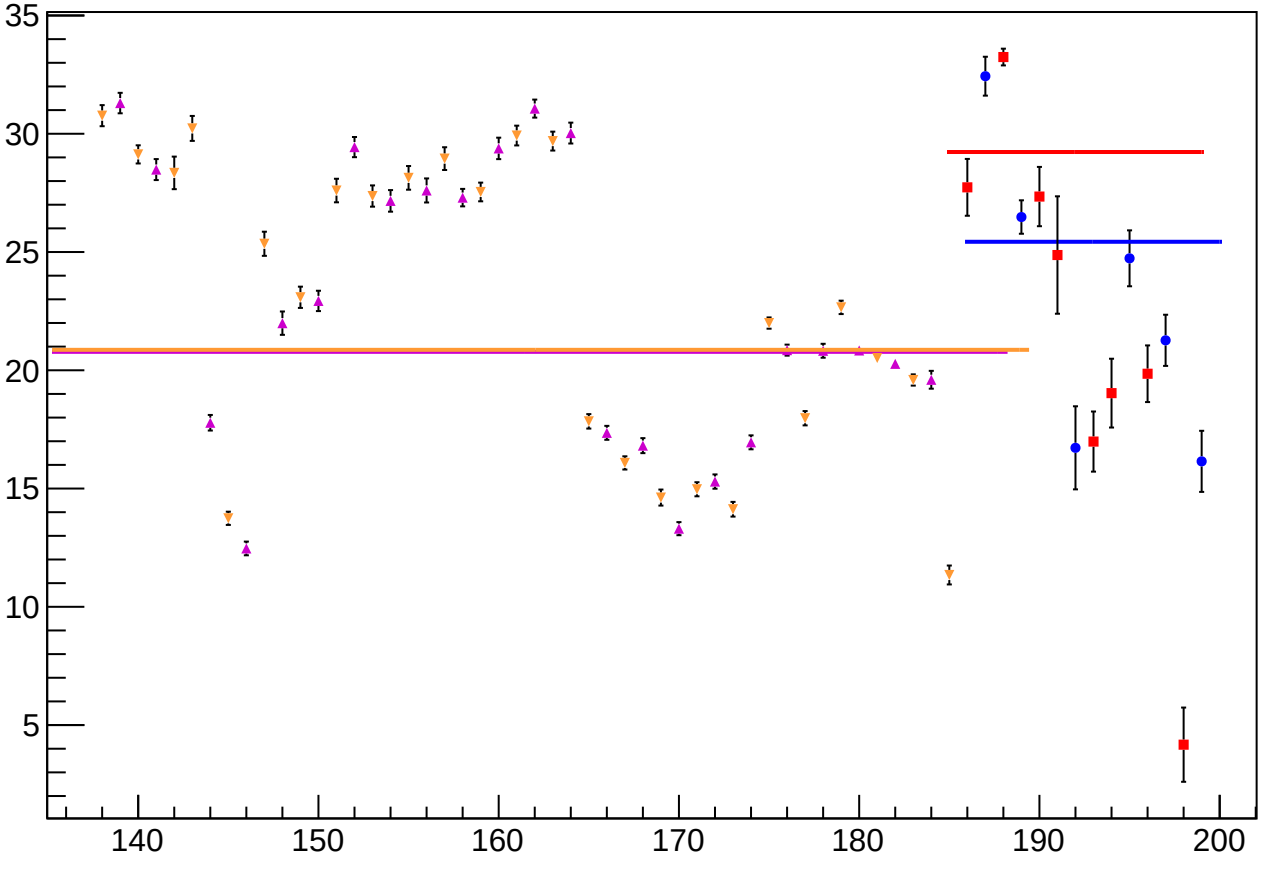
Right: 10.861+/-0.352 χ^2/NDF: 1327.2/13

In: -2.052+/-0.055 χ^2/NDF:2852.2/28

Out: -2.110+/-0.054 χ^2/NDF:2758.8/32

All: -2.082+/-0.038 χ^2/NDF: 5611.5/61

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.433+/-0.409 χ^2/NDF: 166.2/5

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 29.229+/-0.293 χ^2/NDF: 593.7/7

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

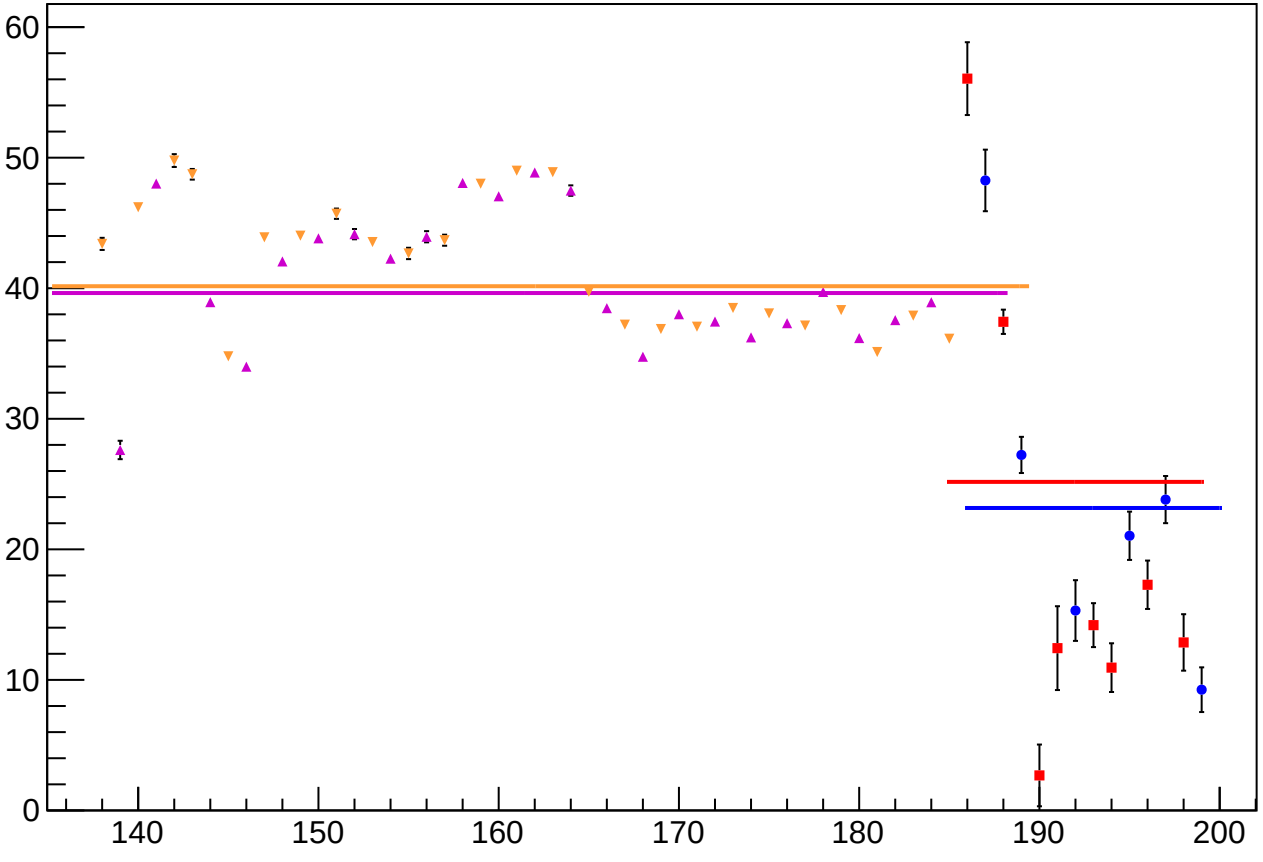
Right: 27.943+/-0.238 χ^2/NDF: 816.8/13

In: 20.902+/-0.066 χ^2/NDF:6280.2/28

Out: 21.279+/-0.065 χ^2/NDF:7977.8/32

All: 21.094+/-0.046 χ^2/NDF: 14274.4/61

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.168+/-0.740 χ^2/NDF: 200.8/5

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 25.168+/-0.608 χ^2/NDF: 553.7/7

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

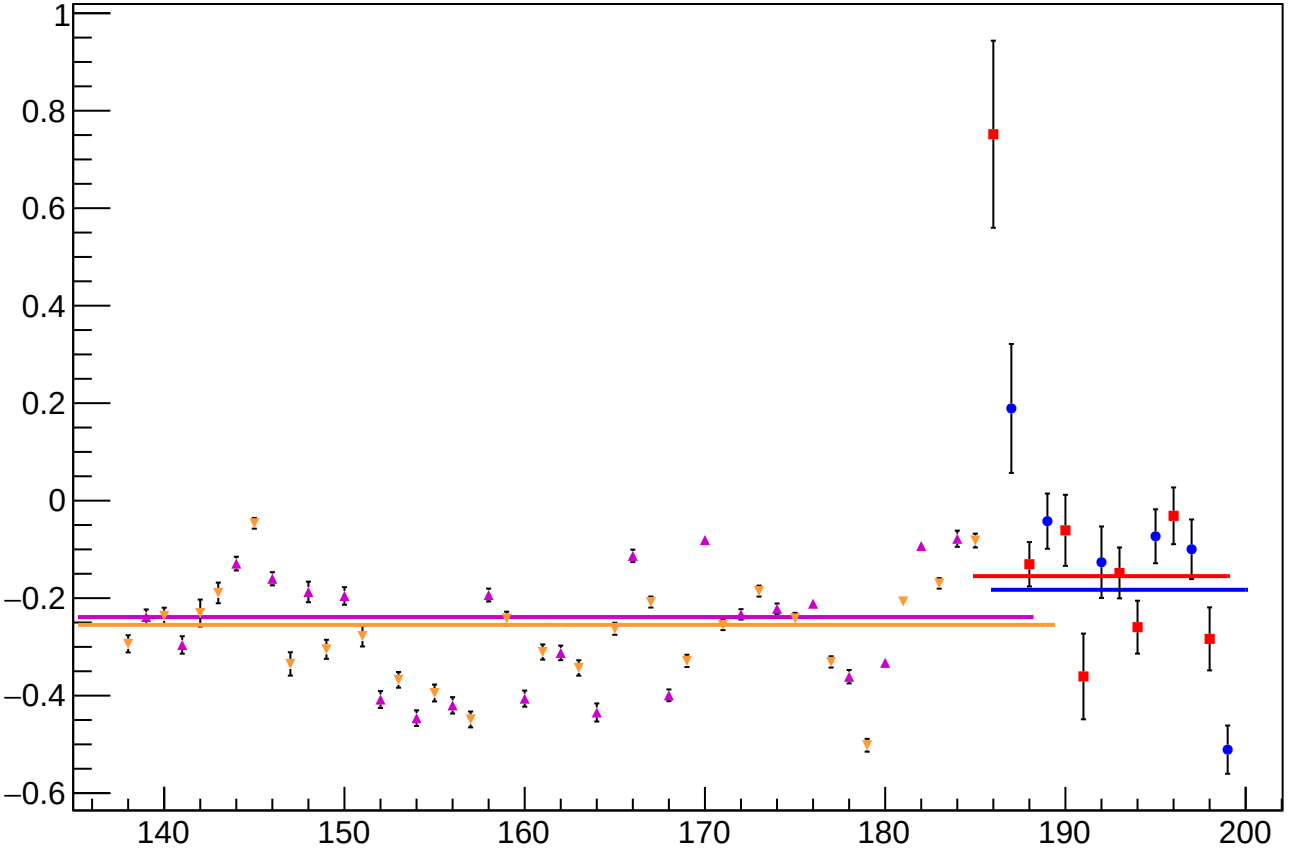
Right: 24.362+/-0.470 χ^2/NDF: 758.9/13

In: 39.520+/-0.061 χ^2/NDF:6035.6/28

Out: 40.007+/-0.060 χ^2/NDF:7017.2/32

All: 39.767+/-0.043 χ^2/NDF: 13085.0/61

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.183+/-0.025 χ^2/NDF: 64.4/5

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.155+/-0.022 χ^2/NDF: 42.0/7

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

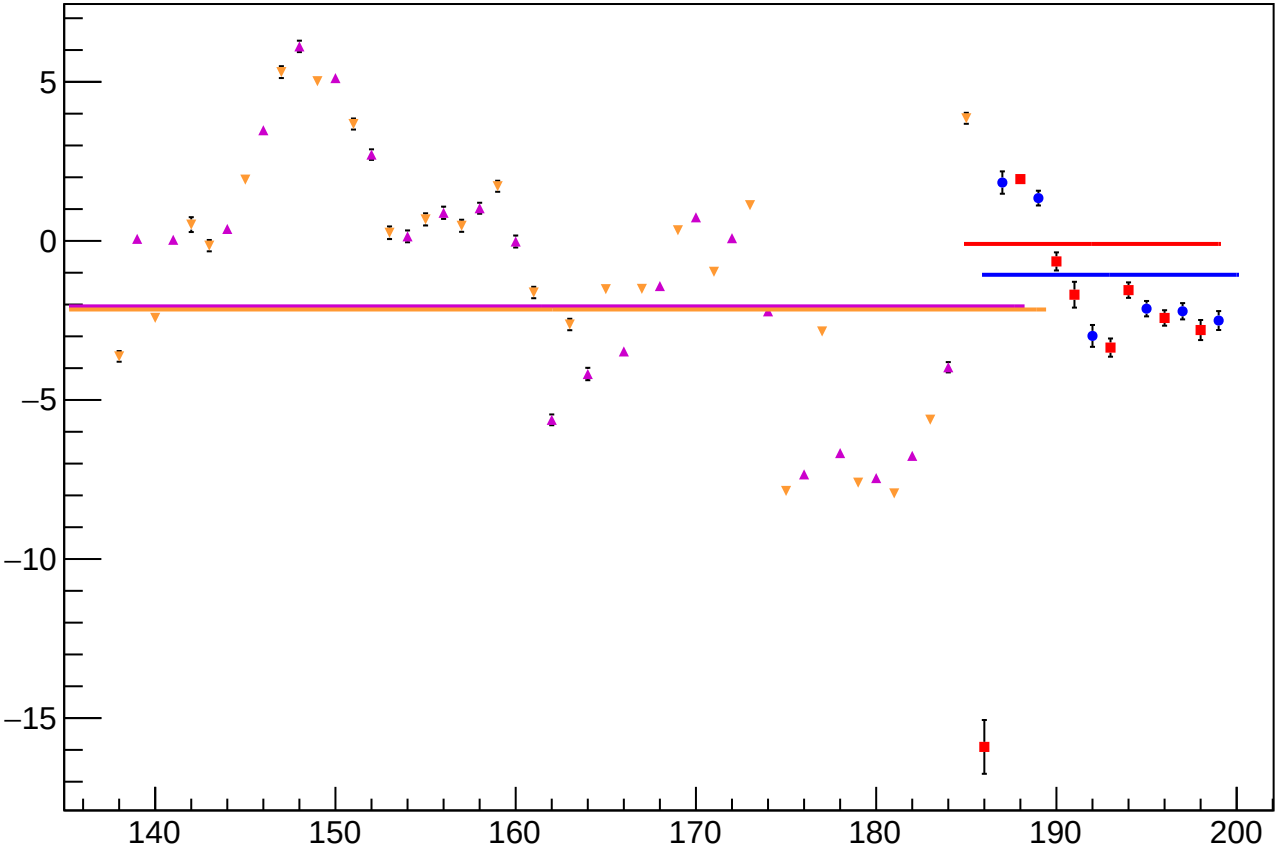
Right: -0.167+/-0.017 χ^2/NDF: 107.0/13

In: -0.238+/-0.003 χ^2/NDF:1819.2/28

Out: -0.253+/-0.003 χ^2/NDF:1480.0/32

All: -0.246+/-0.002 χ^2/NDF: 3314.4/61

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.065+/-0.113 χ^2/NDF: 269.9/5

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -0.095+/-0.079 χ^2/NDF: 1044.8/7

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

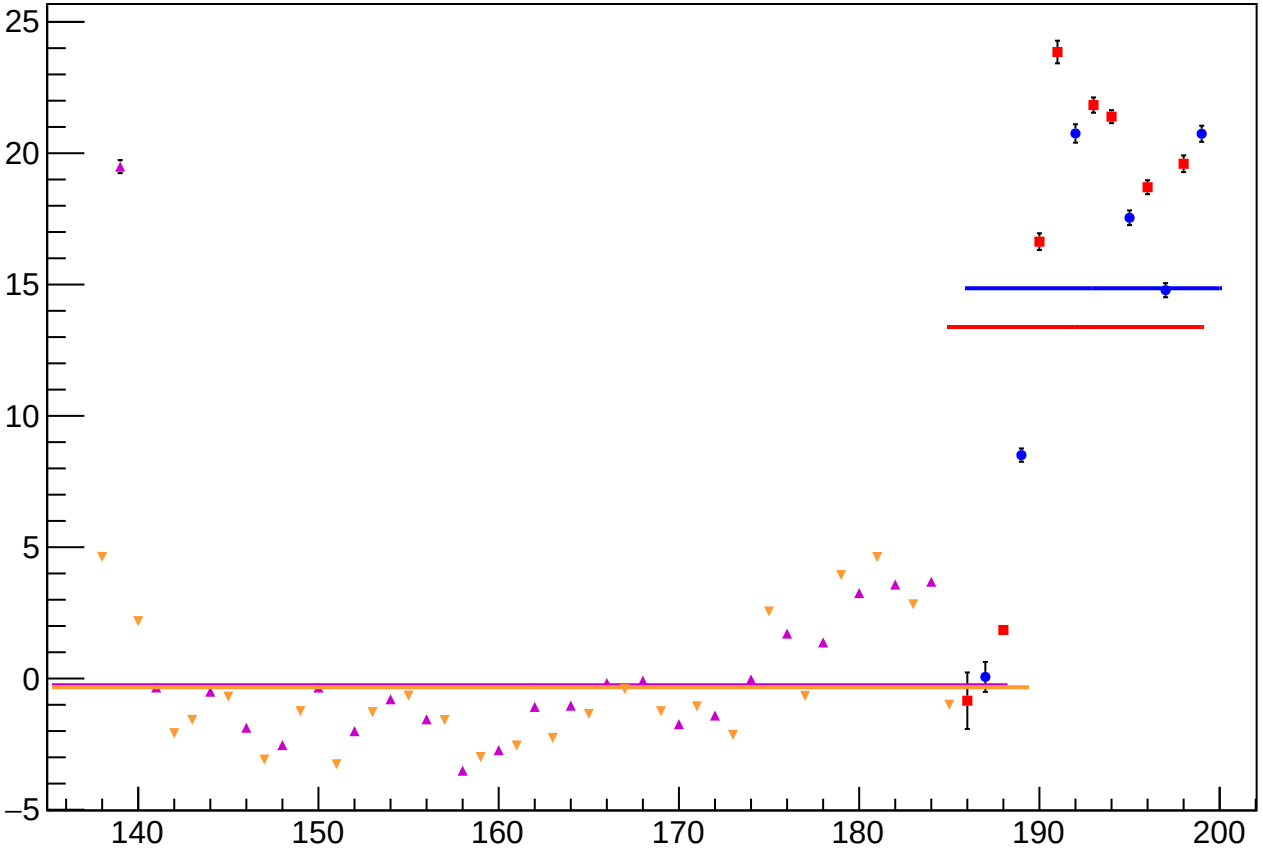
Right: -0.416+/-0.065 χ^2/NDF: 1364.2/13

In: -2.008+/-0.025 χ^2/NDF:23687.3/28

Out: -1.961+/-0.024 χ^2/NDF:26157.6/32

All: -1.983+/-0.018 χ^2/NDF: 49846.8/61

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.858+/-0.125 χ^2/NDF: 2036.5/5

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 13.383+/-0.097 χ^2/NDF: 8646.3/7

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

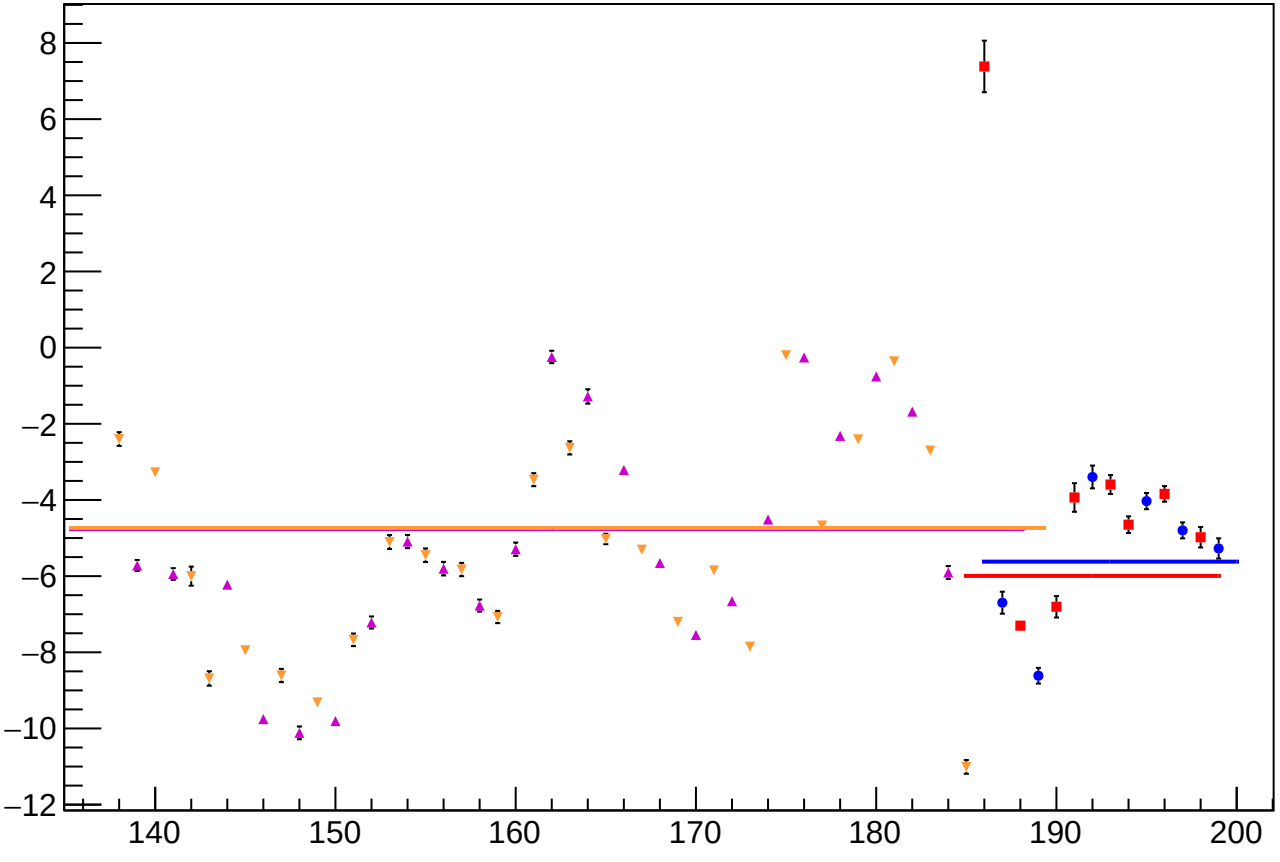
Right: 13.935+/-0.077 χ^2/NDF: 10769.6/13

In: 0.153+/-0.021 χ^2/NDF:30347.9/28

Out: 0.264+/-0.020 χ^2/NDF:40373.0/32

All: 0.210+/-0.014 χ^2/NDF: 70735.7/61

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.619+/-0.097 χ^2/NDF: 352.4/5

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -5.994+/-0.067 χ^2/NDF: 898.7/7

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

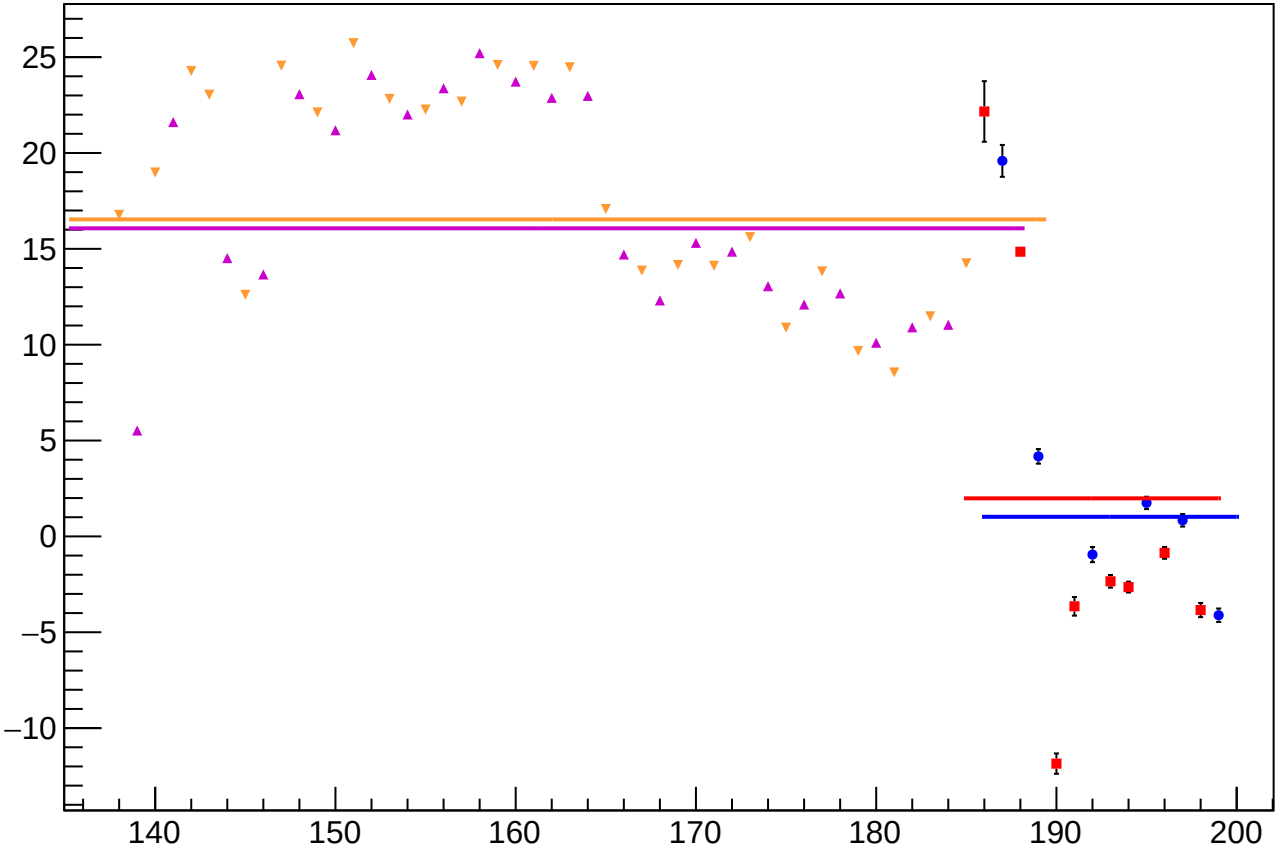
Right: -5.873+/-0.055 χ^2/NDF: 1261.2/13

In: -4.821+/-0.025 χ^2/NDF:14587.5/28

Out: -4.898+/-0.024 χ^2/NDF:14395.1/32

All: -4.861+/-0.017 χ^2/NDF: 28987.4/61

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.022+/-0.155 χ^2/NDF: 809.5/5

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 1.985+/-0.123 χ^2/NDF: 4774.0/7

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

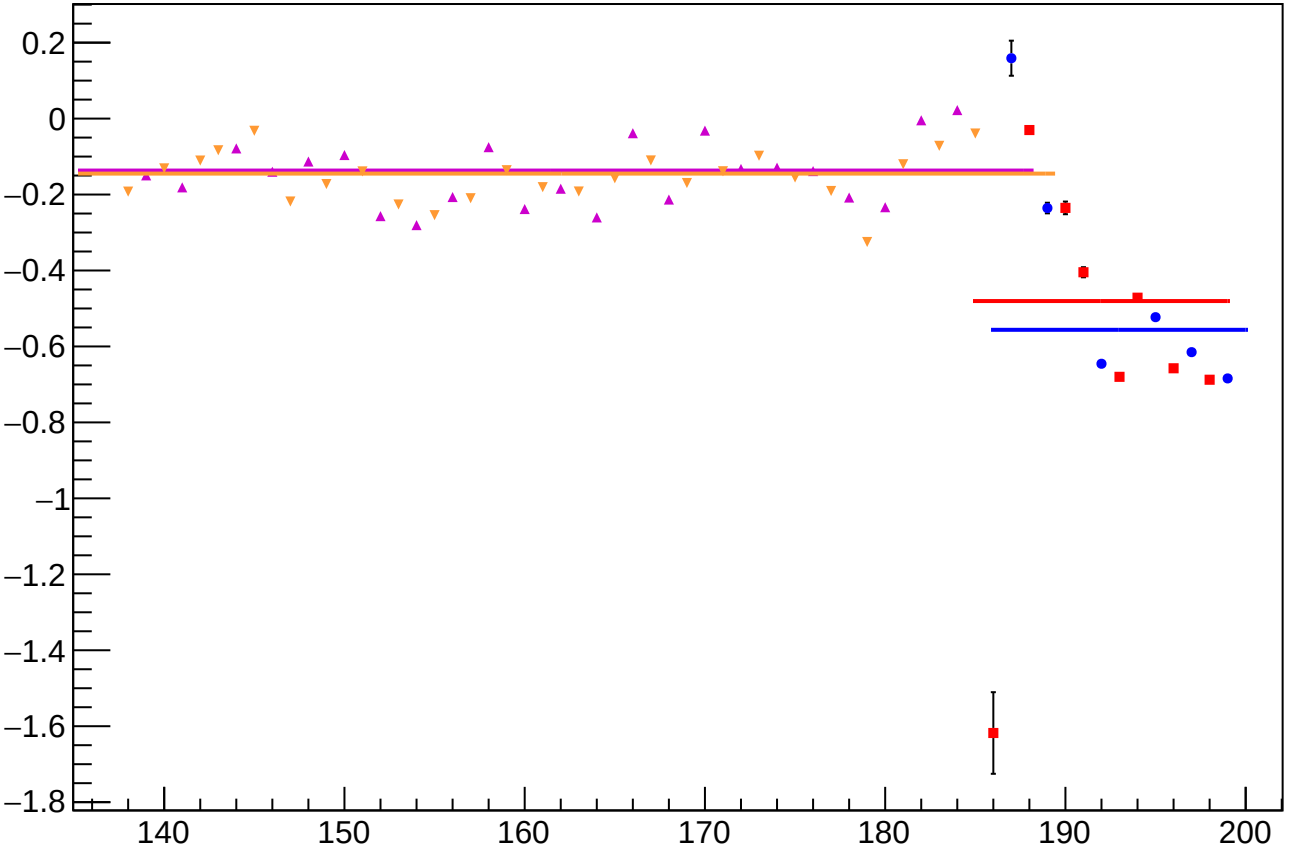
Right: 1.611+/-0.096 χ^2/NDF: 5607.2/13

In: 15.730+/-0.023 χ^2/NDF:52811.9/28

Out: 16.038+/-0.023 χ^2/NDF:71821.7/32

All: 15.887+/-0.016 χ^2/NDF: 124723.1/61

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.556+/-0.005 χ^2/NDF: 1018.5/5

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.480+/-0.004 χ^2/NDF: 3294.7/7

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

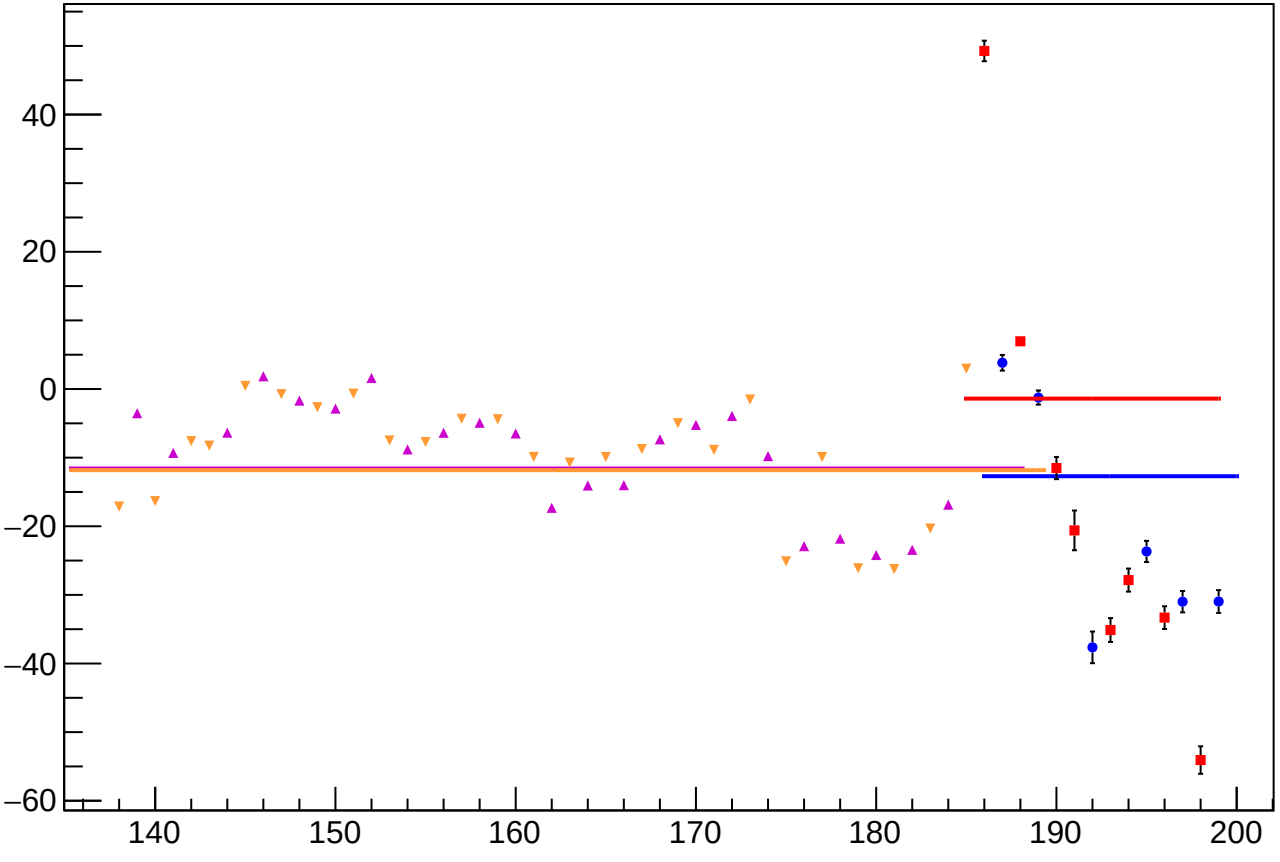
Right: -0.511+/-0.003 χ^2/NDF: 4456.2/13

In: -0.156+/-0.001 χ^2/NDF:13420.6/28

Out: -0.166+/-0.001 χ^2/NDF:13560.1/32

All: -0.161+/-0.001 χ^2/NDF: 27034.3/61

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.707+/-0.570 χ^2/NDF: 757.8/5

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: -1.397+/-0.418 χ^2/NDF: 3155.1/7

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

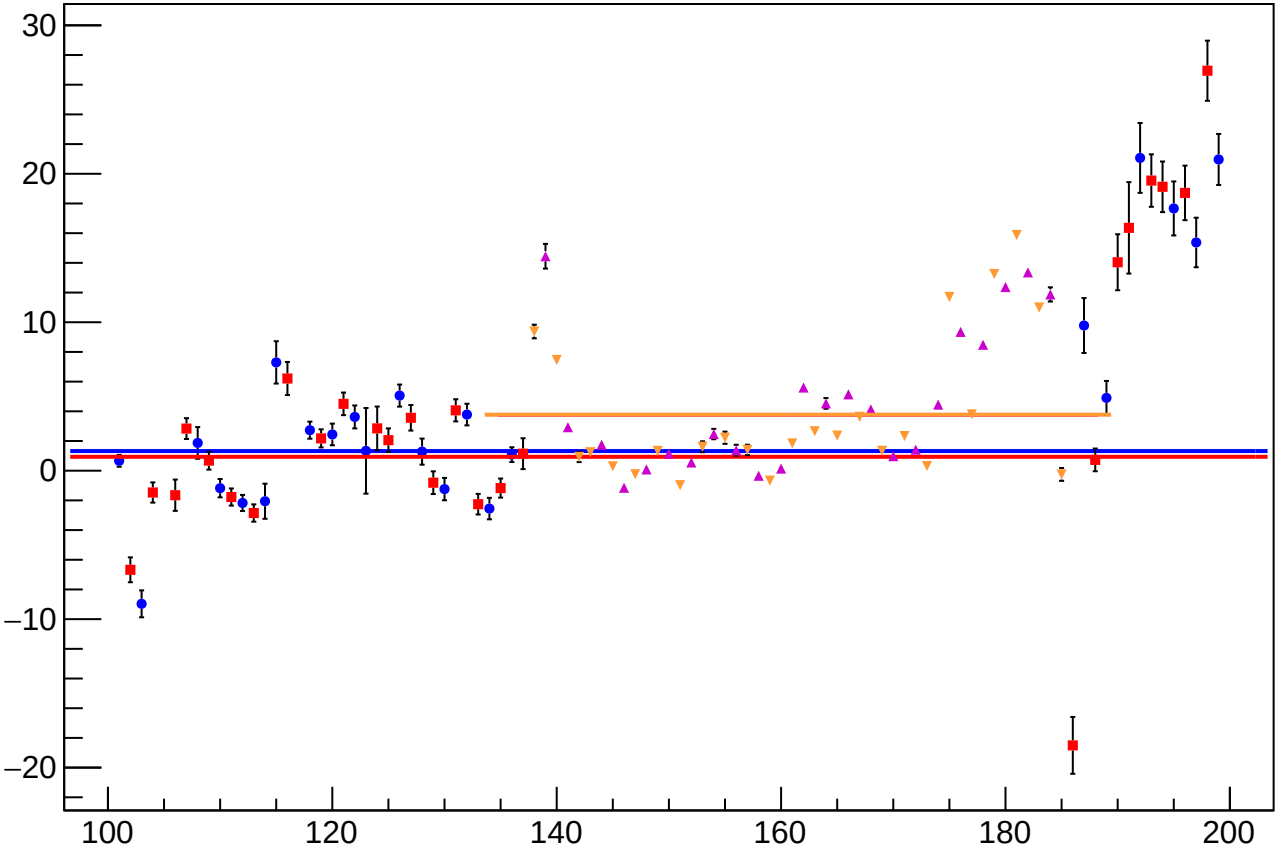
Right: -5.359+/-0.337 χ^2/NDF: 4169.2/13

In: -11.597+/-0.071 χ^2/NDF:15005.3/28

Out: -11.535+/-0.069 χ^2/NDF:21036.6/32

All: -11.566+/-0.050 χ^2/NDF: 36042.3/61

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.322+/-0.164 χ^2/NDF: 693.3/22

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.936+/-0.166 χ^2/NDF: 948.9/25

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

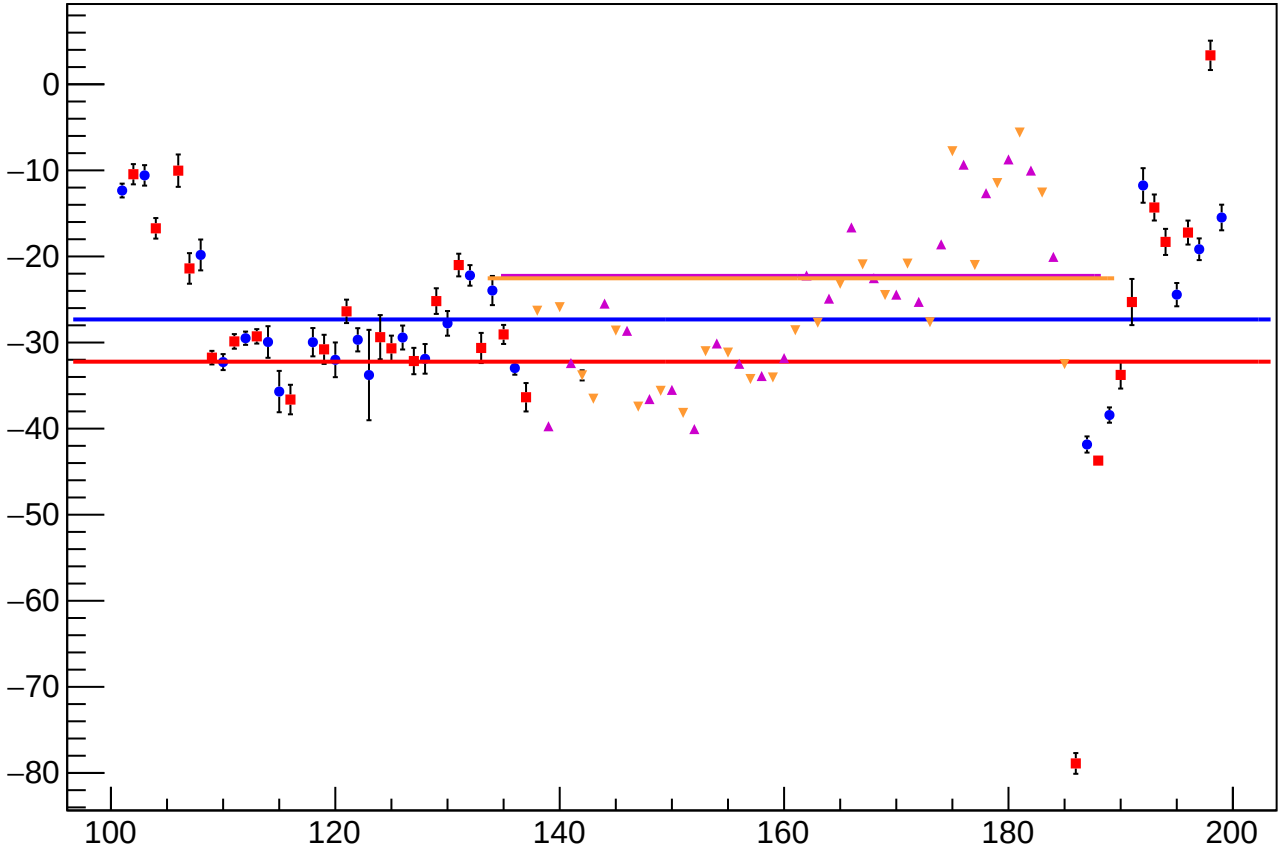
Right: 1.132+/-0.117 χ^2/NDF: 1645.0/48

In: 3.497+/-0.053 χ^2/NDF:6545.7/45

Out: 3.484+/-0.053 χ^2/NDF:8631.4/50

All: 3.491+/-0.038 χ^2/NDF: 15177.2/96

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -27.318+/-0.255 χ^2/NDF: 1276.4/22

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -32.224+/-0.226 χ^2/NDF: 3832.3/25

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

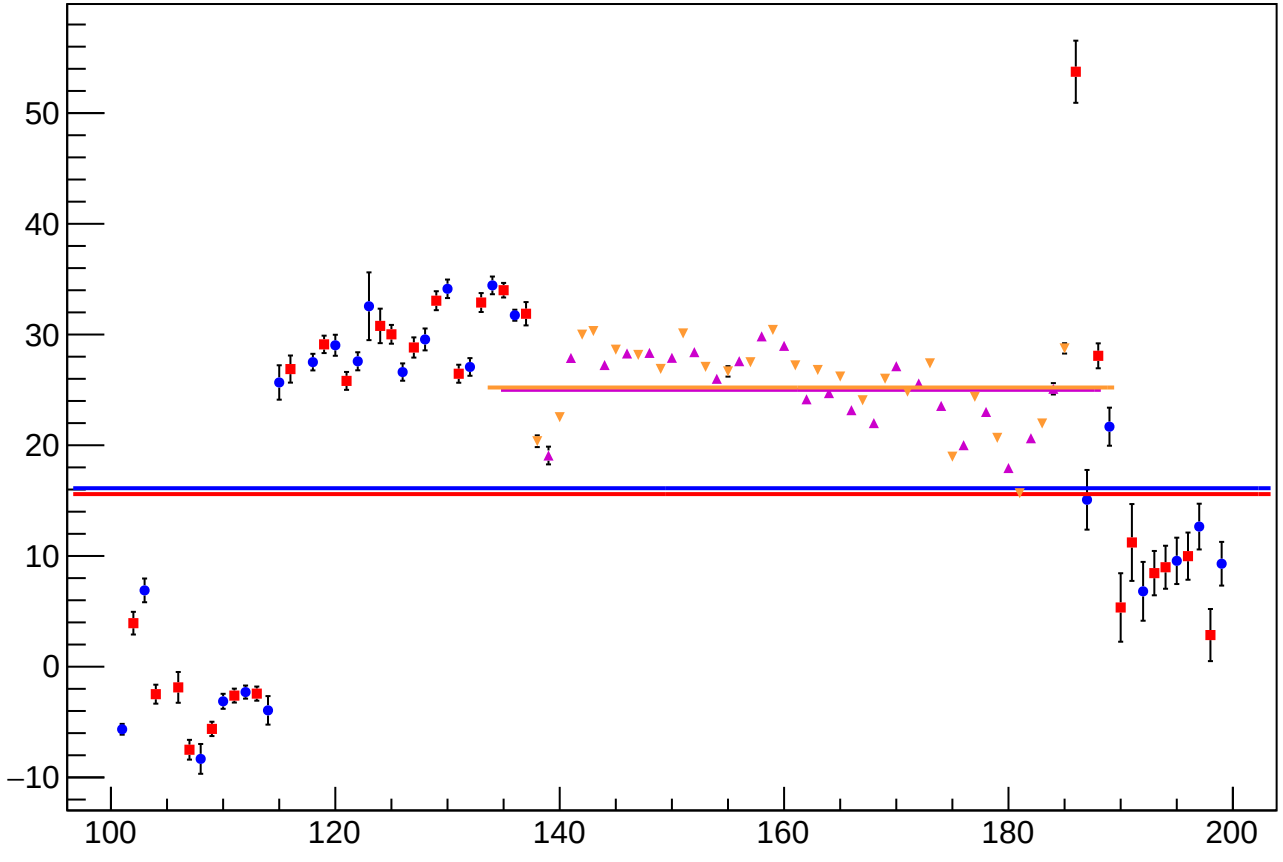
Right: -30.059+/-0.169 χ^2/NDF: 5316.0/48

In: -22.626+/-0.069 χ^2/NDF:19480.6/45

Out: -23.403+/-0.068 χ^2/NDF:25251.8/50

All: -23.021+/-0.048 χ^2/NDF: 44797.5/96

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.120+/-0.187 χ^2/NDF: 7659.3/22

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.588+/-0.190 χ^2/NDF: 7650.3/25

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

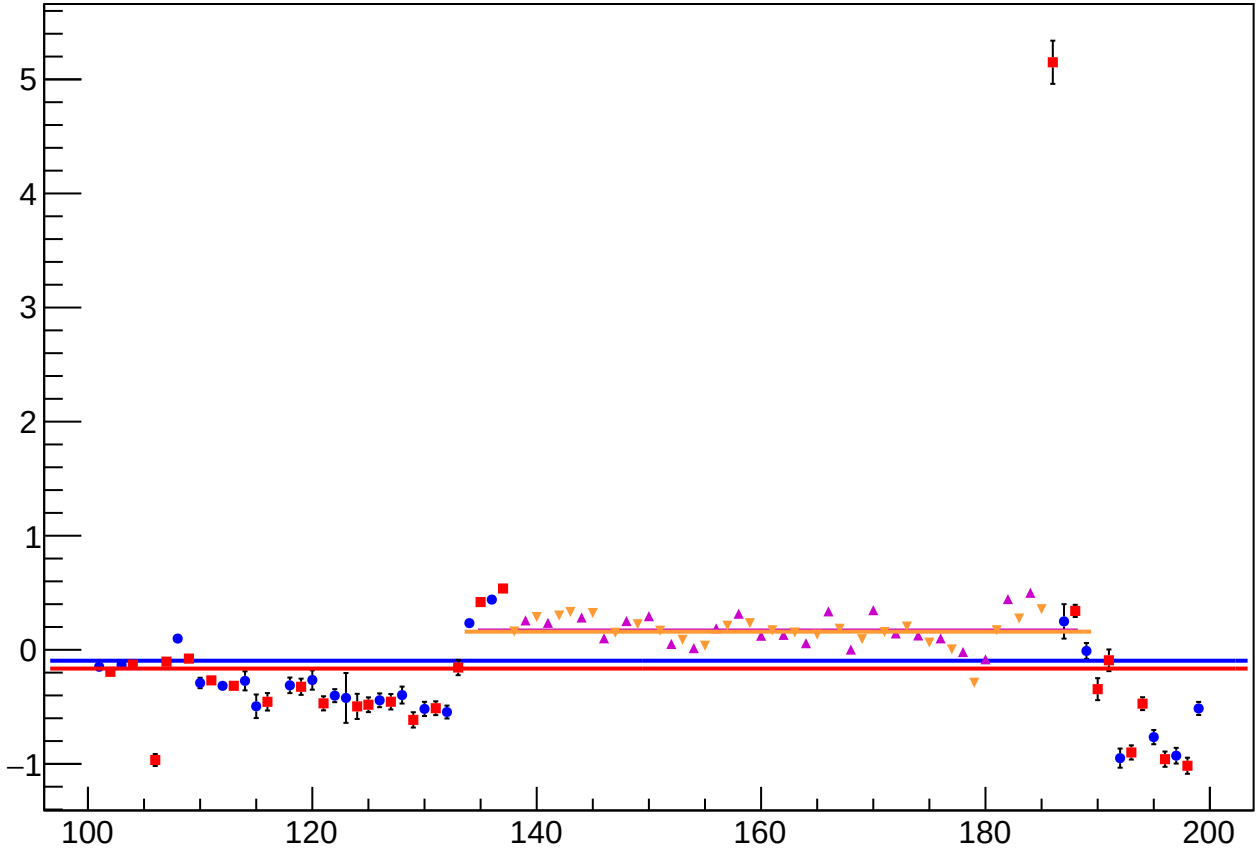
Right: 15.859+/-0.133 χ^2/NDF: 15313.6/48

In: 24.079+/-0.060 χ^2/NDF:12425.4/45

Out: 24.268+/-0.060 χ^2/NDF:13706.7/50

All: 24.175+/-0.042 χ^2/NDF: 26137.1/96

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.096+/-0.010 χ^2/NDF: 1473.0/22

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.164+/-0.010 χ^2/NDF: 2510.6/25

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

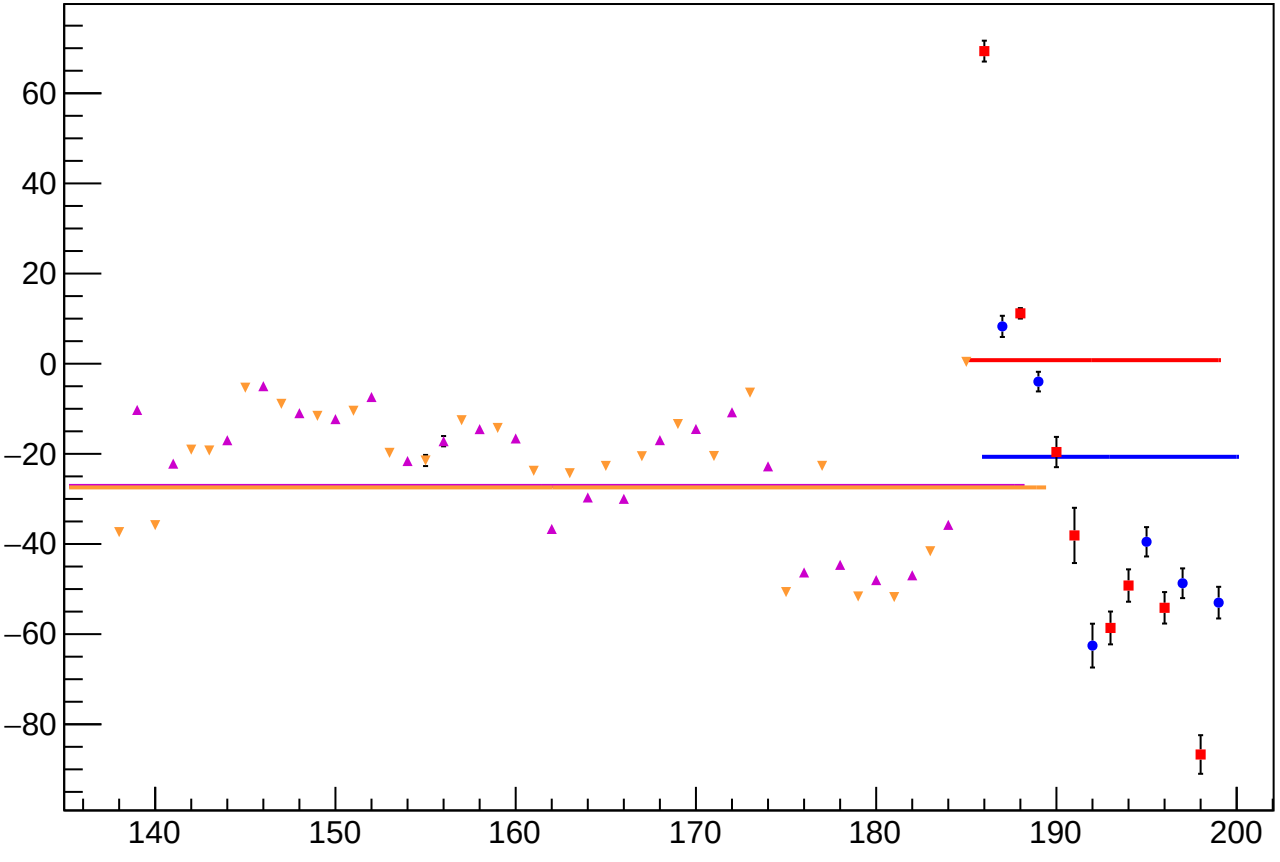
Right: -0.130+/-0.007 χ^2/NDF: 4009.0/48

In: 0.147+/-0.003 χ^2/NDF:4584.2/45

Out: 0.132+/-0.003 χ^2/NDF:5409.9/50

All: 0.140+/-0.002 χ^2/NDF: 10009.0/96

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.655+/-1.194 χ^2/NDF: 475.3/5

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 0.786+/-0.866 χ^2/NDF: 2157.3/7

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

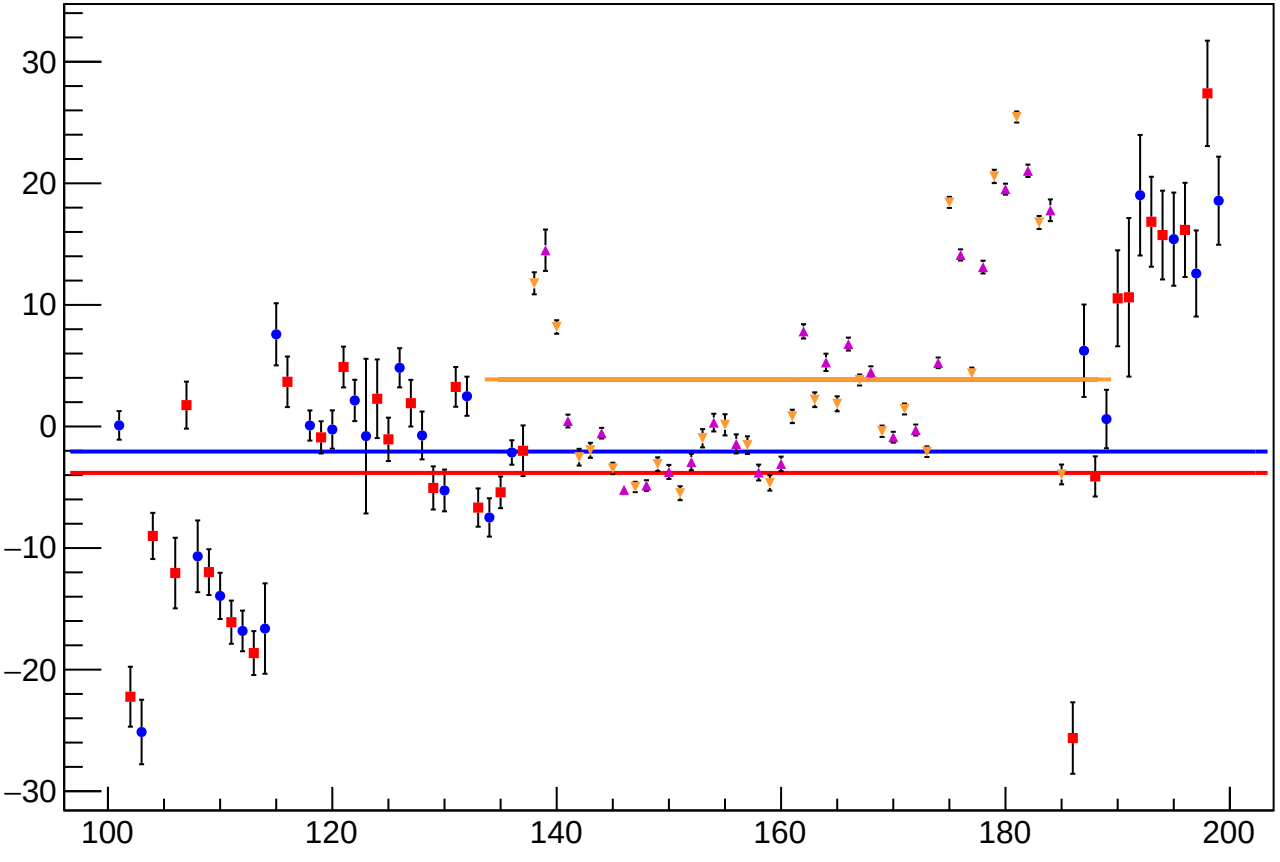
Right: -6.607+/-0.701 χ^2/NDF: 2843.9/13

In: -27.028+/-0.138 χ^2/NDF:11947.9/28

Out: -26.757+/-0.135 χ^2/NDF:18014.4/32

All: -26.890+/-0.097 χ^2/NDF: 29964.3/61

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.063+/-0.391 χ^2/NDF: 380.8/22

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -3.817+/-0.398 χ^2/NDF: 509.4/25

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

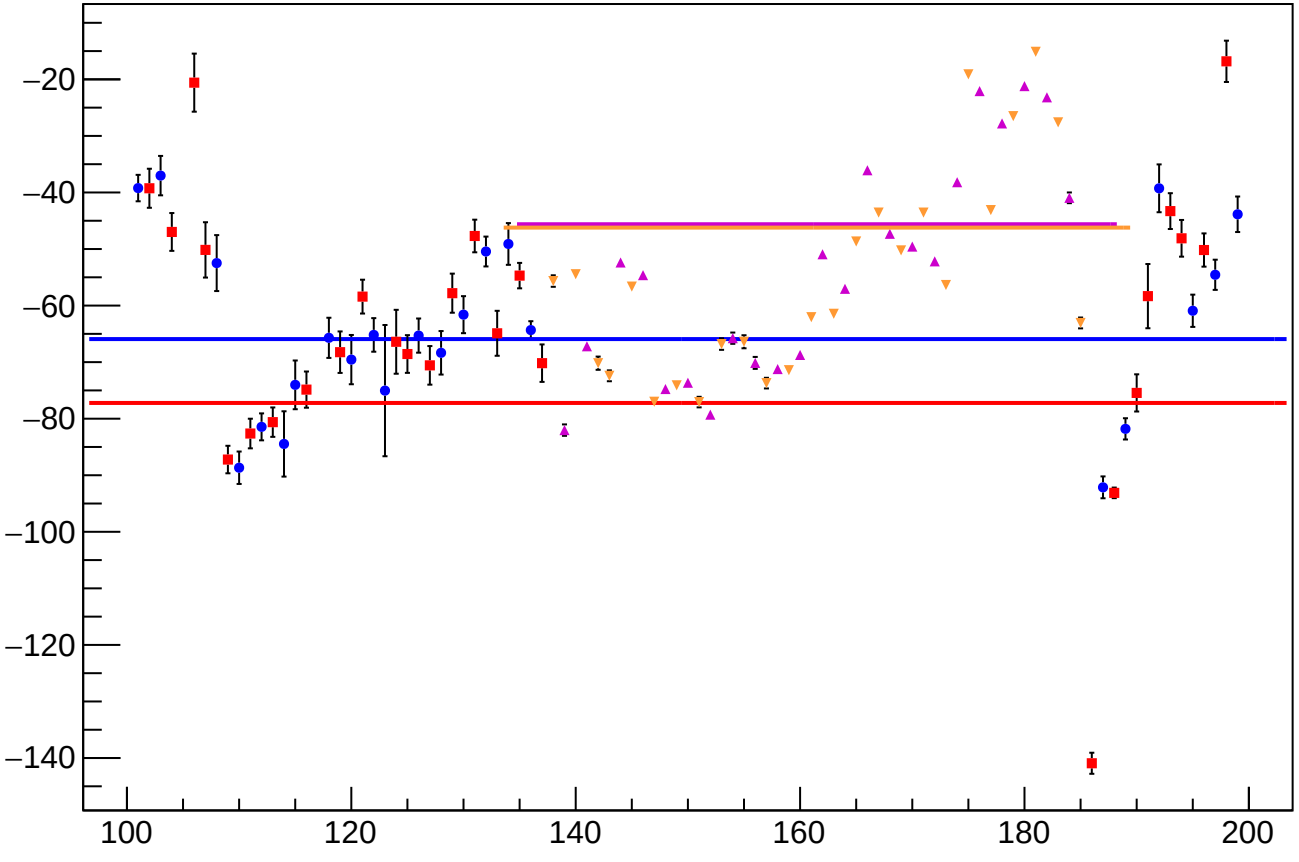
Right: -2.926+/-0.279 χ^2/NDF: 900.2/48

In: 3.421+/-0.107 χ^2/NDF:6031.3/45

Out: 3.331+/-0.106 χ^2/NDF:7763.0/50

All: 3.376+/-0.075 χ^2/NDF: 13794.7/96

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.923+/-0.597 χ^2/NDF: 751.5/22

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -77.216+/-0.520 χ^2/NDF: 2711.5/25

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

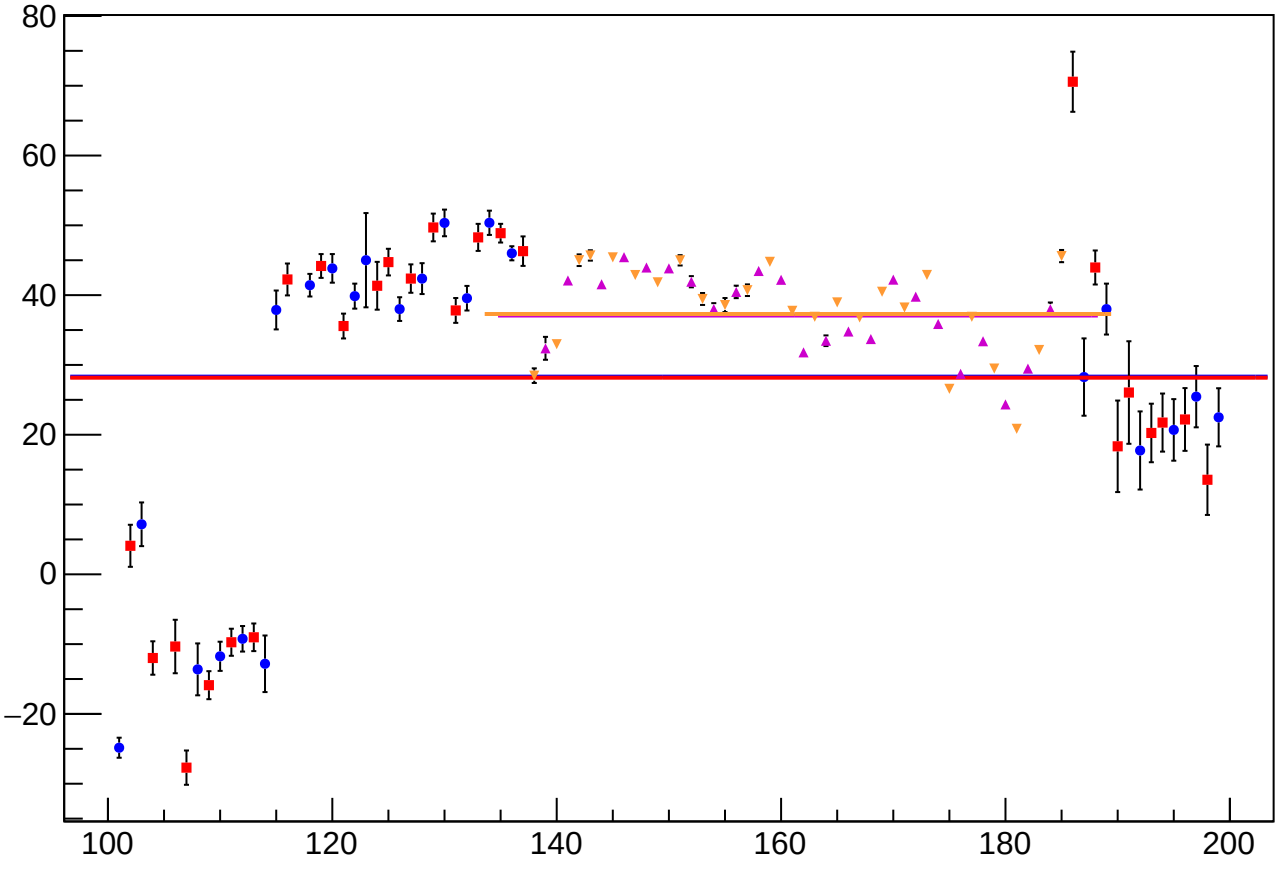
Right: -72.343+/-0.392 χ^2/NDF: 3666.6/48

In: -46.664+/-0.136 χ^2/NDF:19593.5/45

Out: -48.257+/-0.133 χ^2/NDF:26013.9/50

All: -47.472+/-0.095 χ^2/NDF: 45677.6/96

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.322+/-0.443 χ^2/NDF: 3346.3/22

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.173+/-0.455 χ^2/NDF: 3186.7/25

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

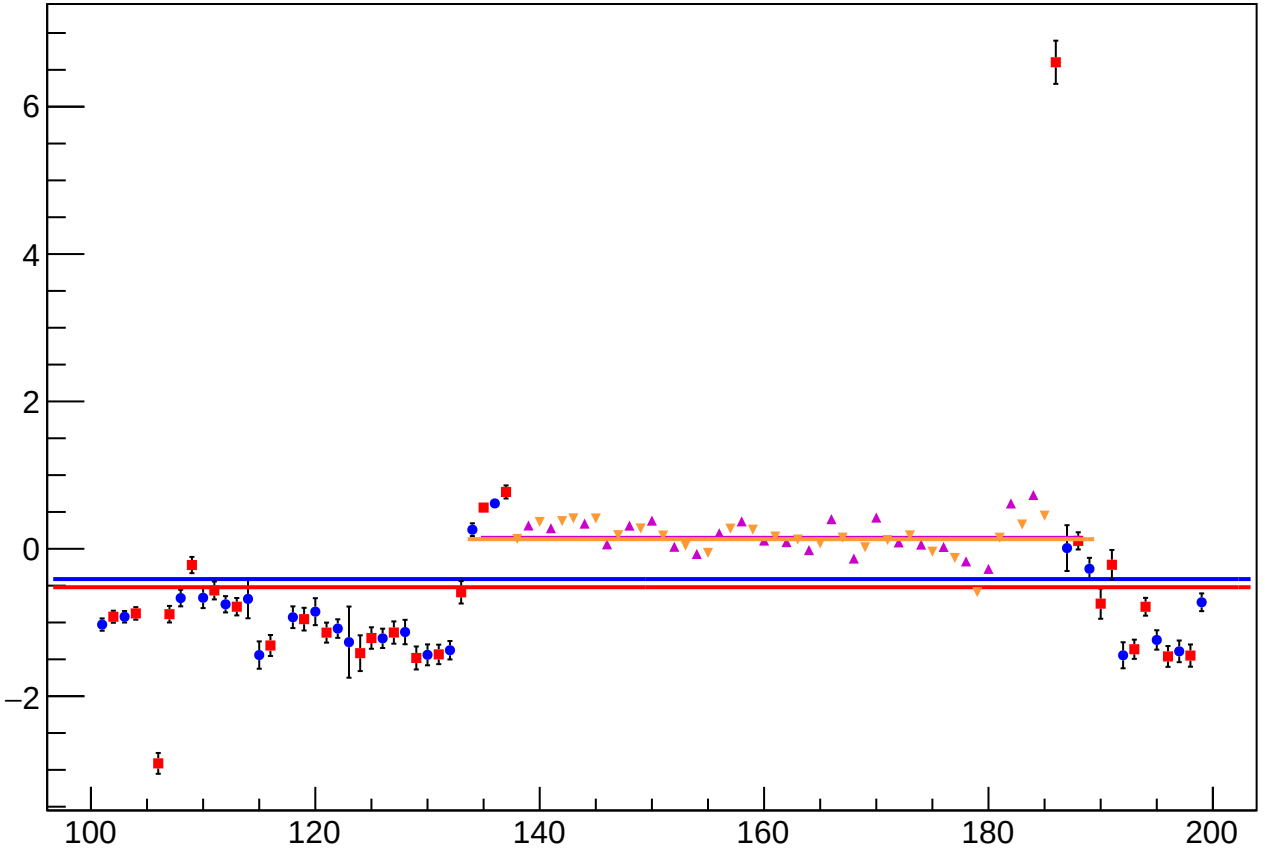
Right: 28.250+/-0.318 χ^2/NDF: 6533.1/48

In: 36.437+/-0.120 χ^2/NDF:6113.2/45

Out: 36.676+/-0.119 χ^2/NDF:6674.0/50

All: 36.558+/-0.084 χ^2/NDF: 12789.2/96

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.411+/-0.023 χ^2/NDF: 1152.4/22

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.522+/-0.023 χ^2/NDF: 1915.3/25

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

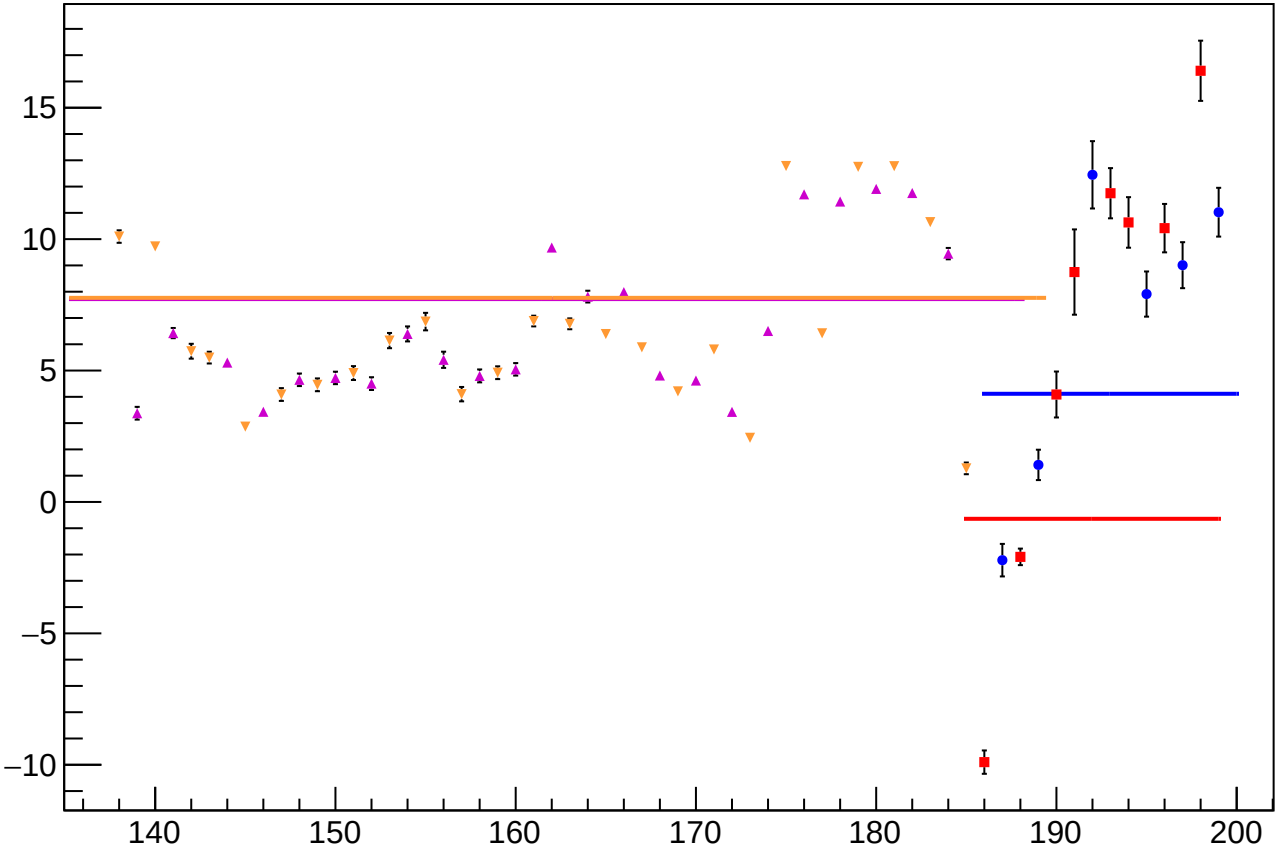
Right: -0.466+/-0.016 χ^2/NDF: 3079.0/48

In: 0.117+/-0.006 χ^2/NDF:3519.2/45

Out: 0.094+/-0.005 χ^2/NDF:4081.6/50

All: 0.105+/-0.004 χ^2/NDF: 7609.1/96

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.116+/-0.316 χ^2/NDF: 275.0/5

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -0.641+/-0.218 χ^2/NDF: 1189.5/7

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

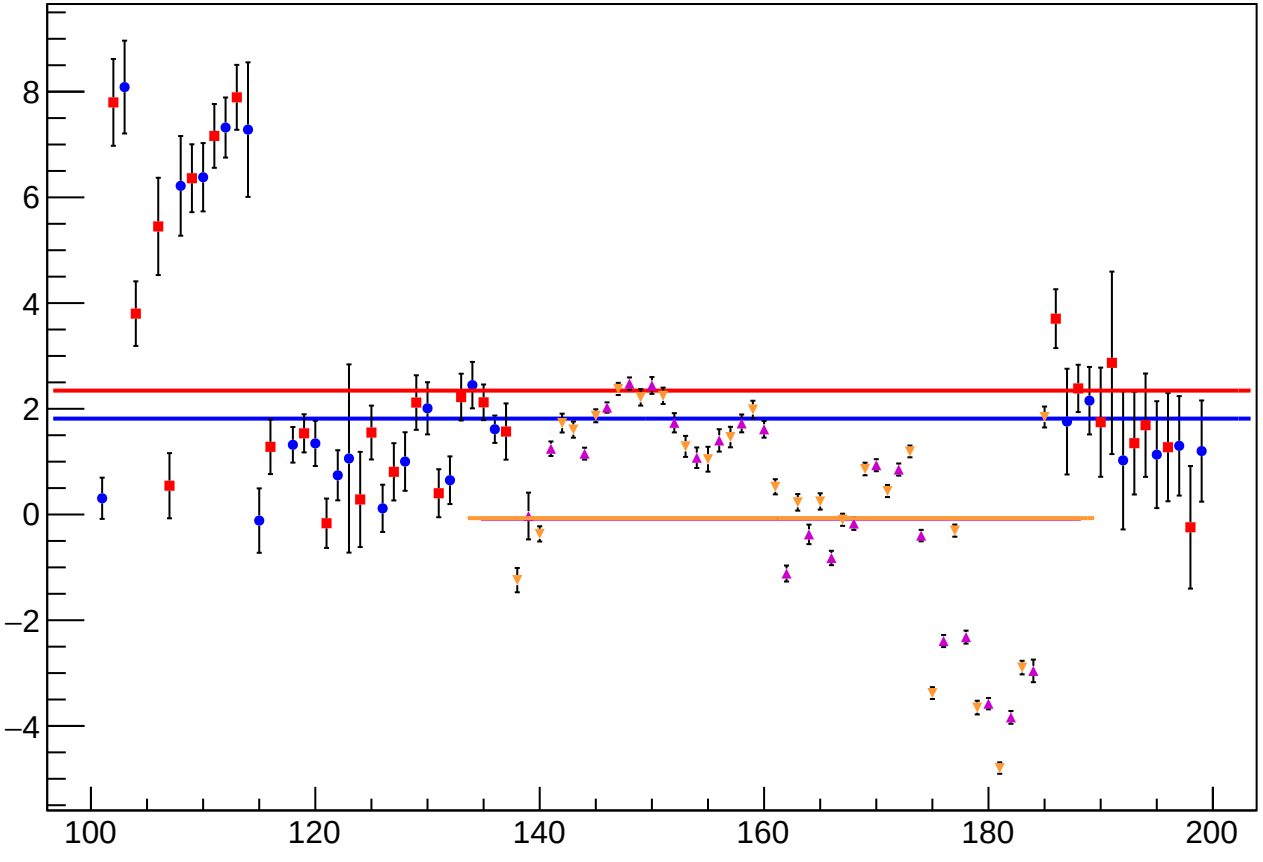
Right: 0.898+/-0.180 χ^2/NDF: 1618.0/13

In: 7.676+/-0.035 χ^2/NDF:8894.1/28

Out: 7.562+/-0.034 χ^2/NDF:14339.9/32

All: 7.618+/-0.024 χ^2/NDF: 23239.5/61

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.814+/-0.111 χ^2/NDF: 296.7/22

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.344+/-0.112 χ^2/NDF: 343.2/25

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

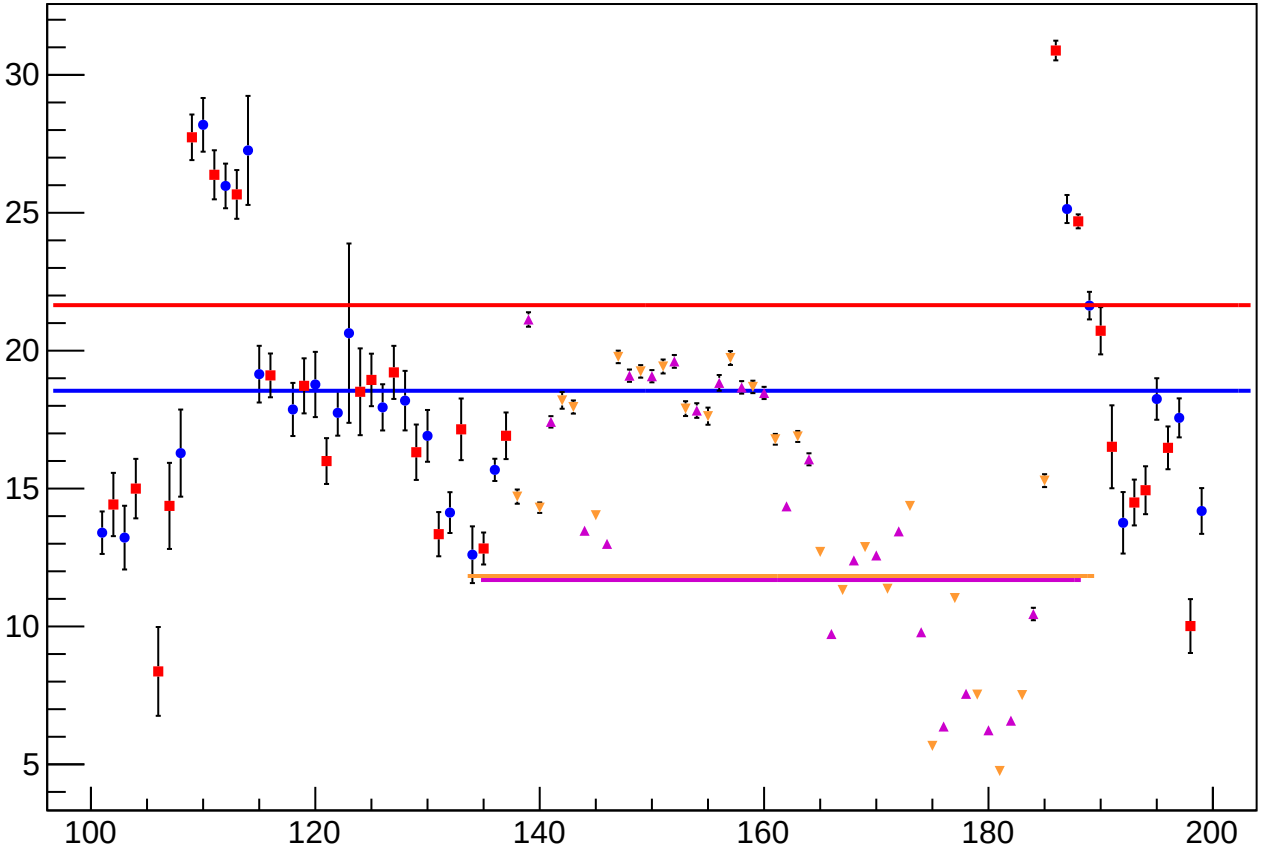
Right: 2.076+/-0.079 χ^2/NDF: 651.2/48

In: 0.036+/-0.027 χ^2/NDF:5560.2/45

Out: 0.072+/-0.027 χ^2/NDF:6813.6/50

All: 0.054+/-0.019 χ^2/NDF: 12374.6/96

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.546+/-0.166 χ^2/NDF: 649.3/22

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.651+/-0.139 χ^2/NDF: 1914.3/25

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

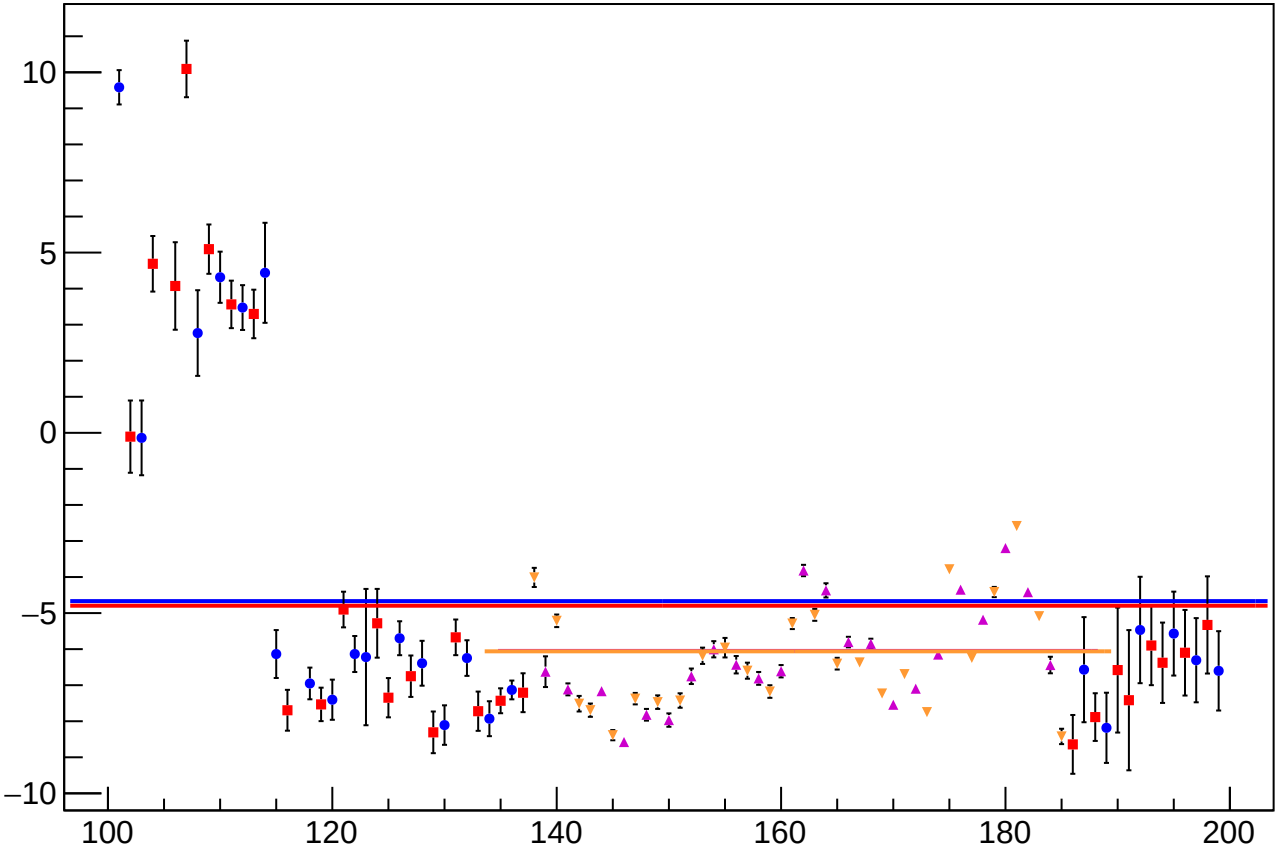
Right: 20.368+/-0.107 χ^2/NDF: 2768.4/48

In: 11.975+/-0.034 χ^2/NDF:19208.8/45

Out: 12.403+/-0.034 χ^2/NDF:25617.1/50

All: 12.193+/-0.024 χ^2/NDF: 44905.1/96

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.668+/-0.125 χ^2/NDF: 1612.1/22

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.795+/-0.129 χ^2/NDF: 1394.7/25

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

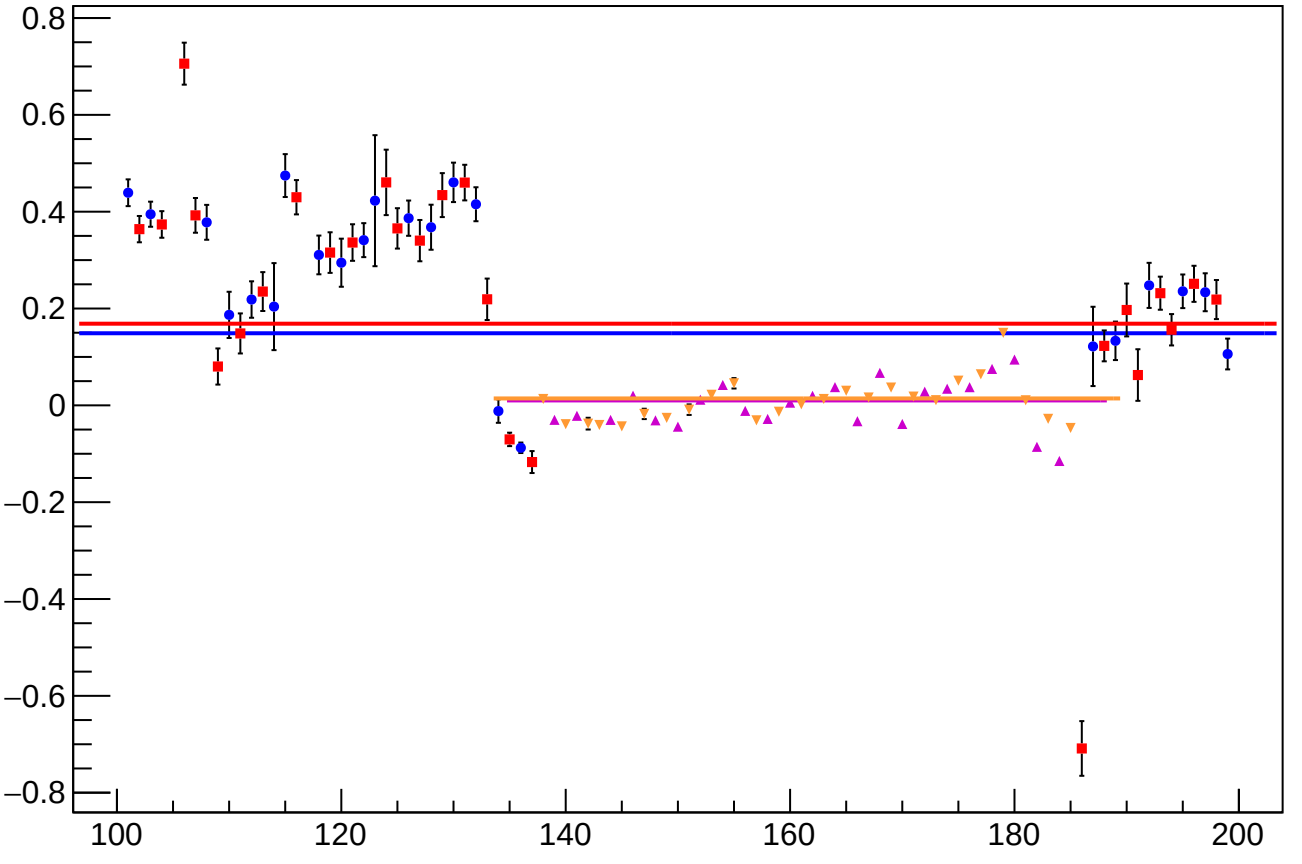
Right: -4.730+/-0.090 χ^2/NDF: 3007.2/48

In: -5.967+/-0.031 χ^2/NDF:4030.1/45

Out: -5.990+/-0.030 χ^2/NDF:4135.5/50

All: -5.979+/-0.022 χ^2/NDF: 8165.9/96

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149+/-0.006 χ^2/NDF: 1078.5/22

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.169+/-0.007 χ^2/NDF: 1263.4/25

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

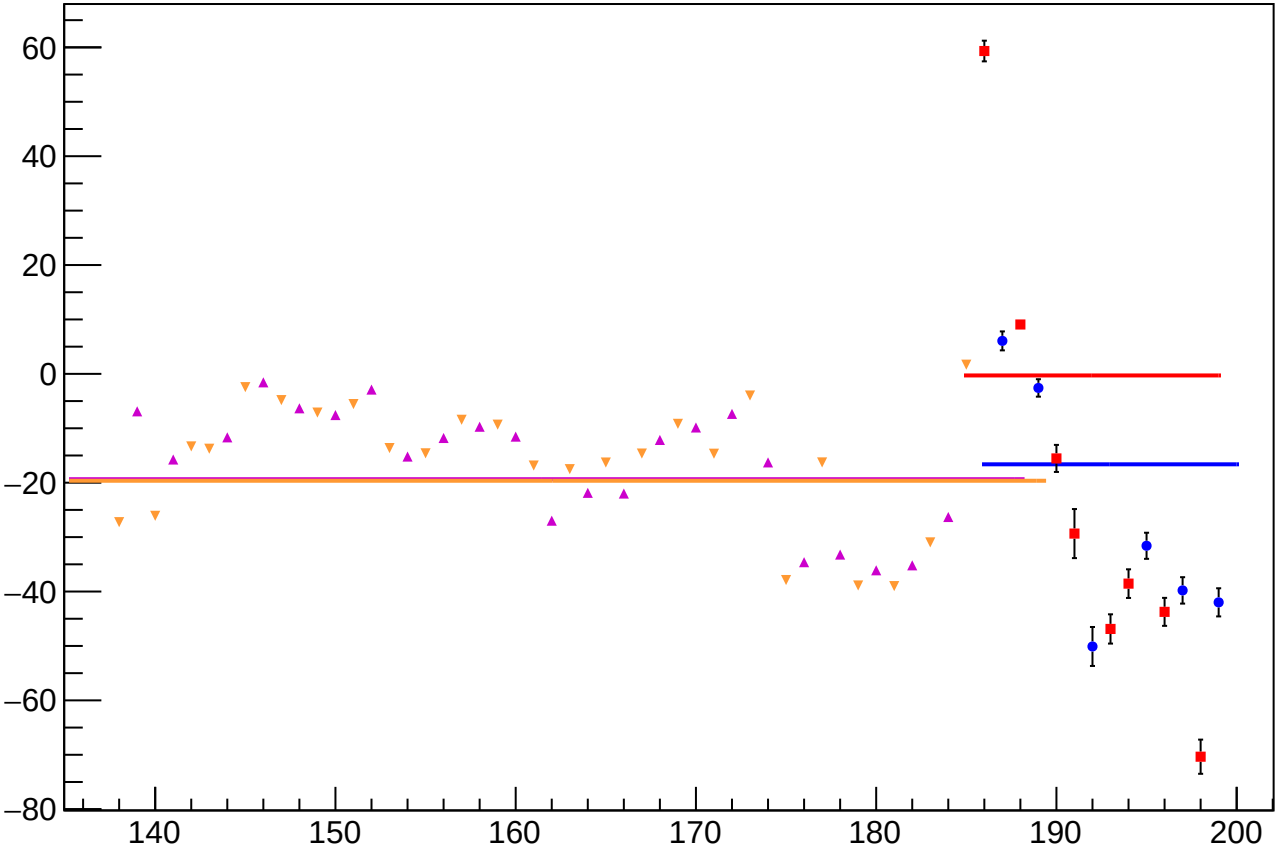
Right: 0.159+/-0.005 χ^2/NDF: 2346.5/48

In: 0.017+/-0.001 χ^2/NDF:2739.9/45

Out: 0.021+/-0.001 χ^2/NDF:2745.9/50

All: 0.019+/-0.001 χ^2/NDF: 5491.0/96

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.621+/-0.881 χ^2/NDF: 559.9/5

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: -0.291+/-0.644 χ^2/NDF: 2479.2/7

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

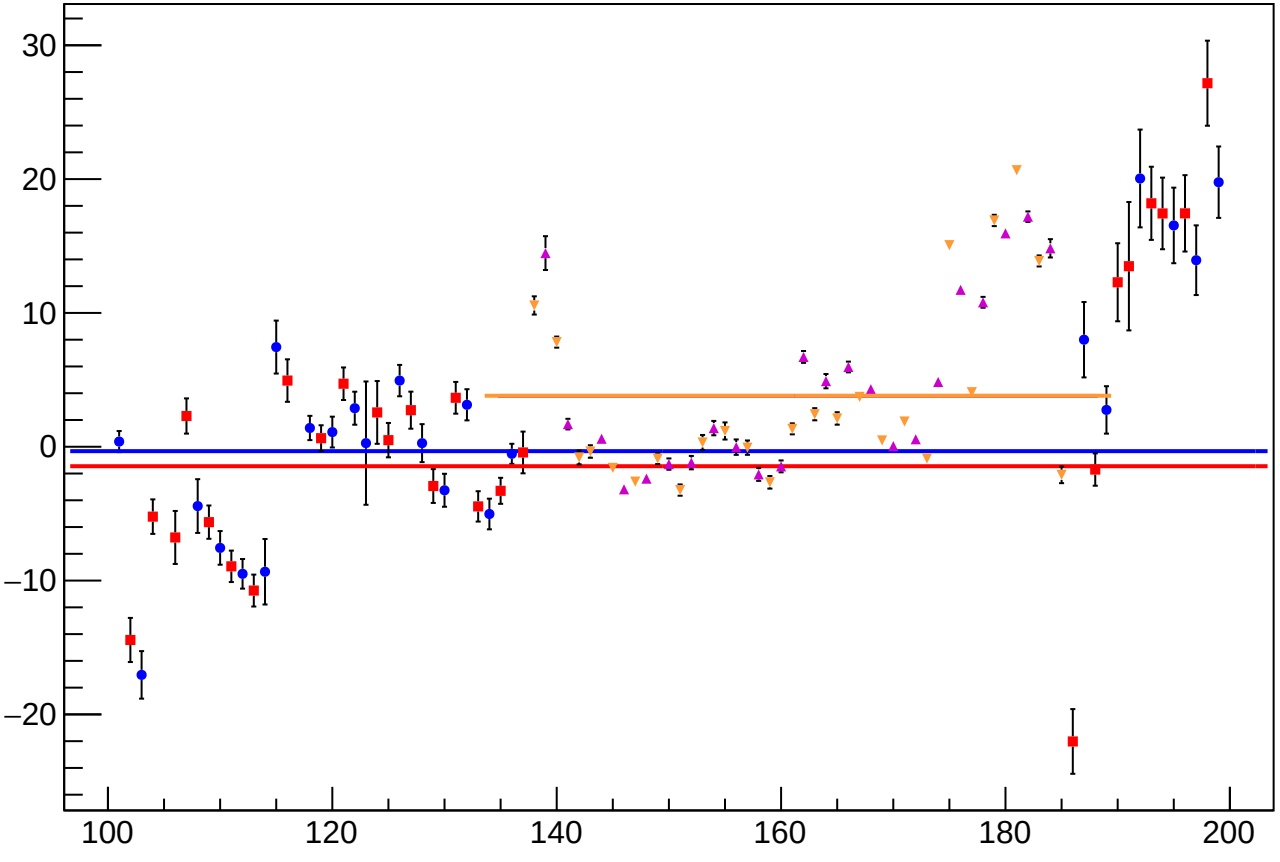
Right: -5.978+/-0.520 χ^2/NDF: 3263.2/13

In: -19.317+/-0.104 χ^2/NDF:12986.5/28

Out: -19.156+/-0.102 χ^2/NDF:19090.9/32

All: -19.235+/-0.073 χ^2/NDF: 32078.6/61

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.329+/-0.279 χ^2/NDF: 453.4/22

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -1.454+/-0.284 χ^2/NDF: 621.2/25

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

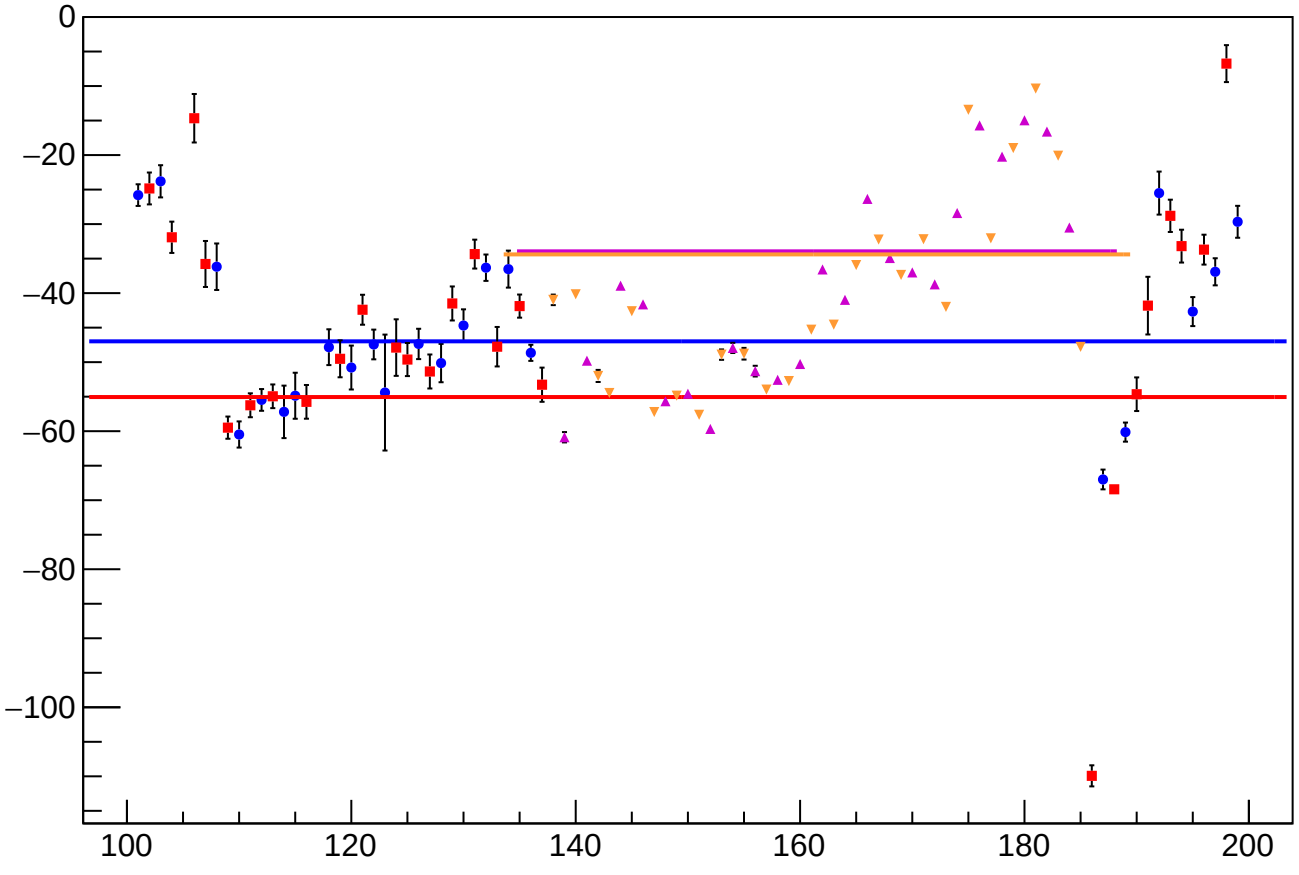
Right: -0.882+/-0.199 χ^2/NDF: 1082.6/48

In: 3.458+/-0.080 χ^2/NDF:6188.0/45

Out: 3.402+/-0.079 χ^2/NDF:8057.2/50

All: 3.430+/-0.056 χ^2/NDF: 14245.5/96

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.984+/-0.428 χ^2/NDF: 856.9/22

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -55.055+/-0.376 χ^2/NDF: 3010.0/25

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

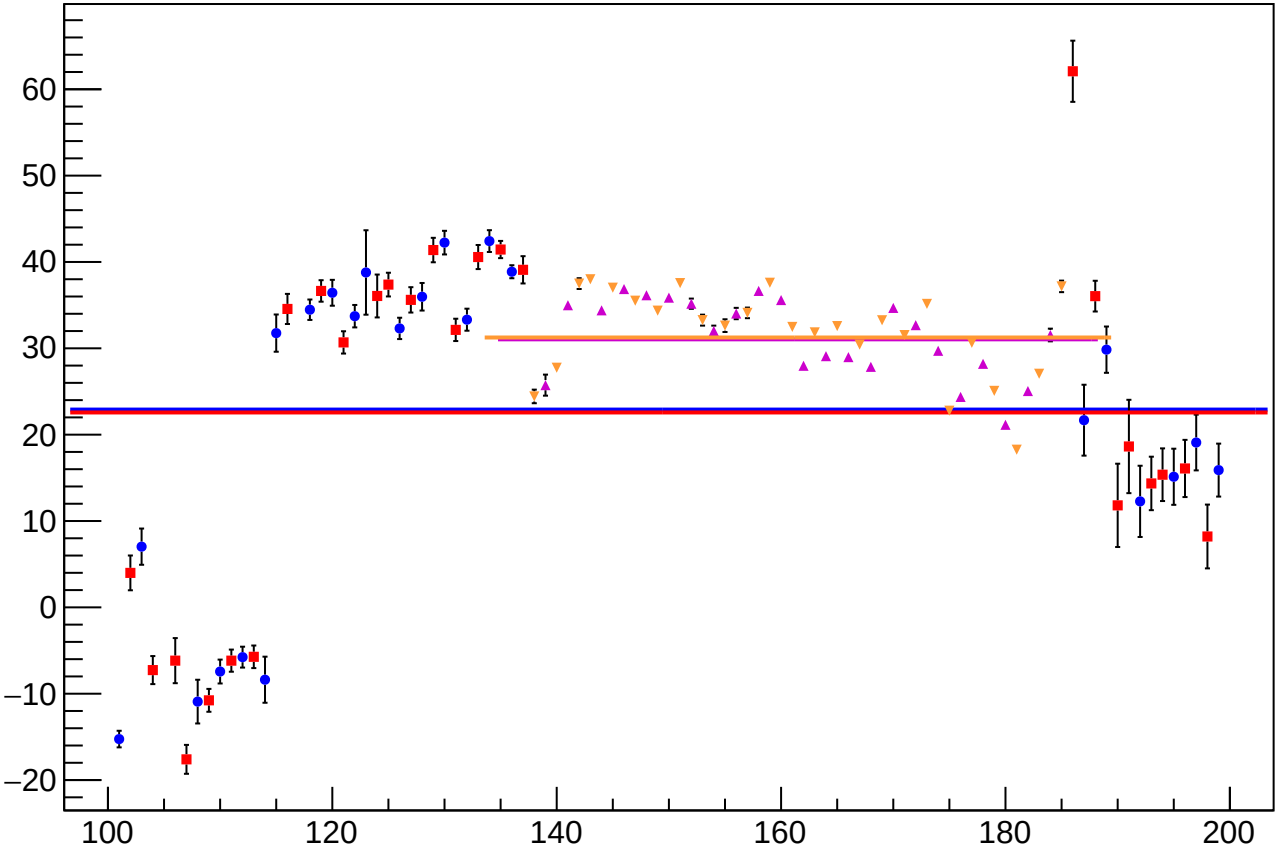
Right: -51.541+/-0.283 χ^2/NDF: 4067.3/48

In: -34.683+/-0.102 χ^2/NDF:19586.3/45

Out: -35.859+/-0.100 χ^2/NDF:25845.7/50

All: -35.280+/-0.071 χ^2/NDF: 45499.7/96

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.905+/-0.317 χ^2/NDF: 4372.0/22

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.571+/-0.325 χ^2/NDF: 4246.9/25

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

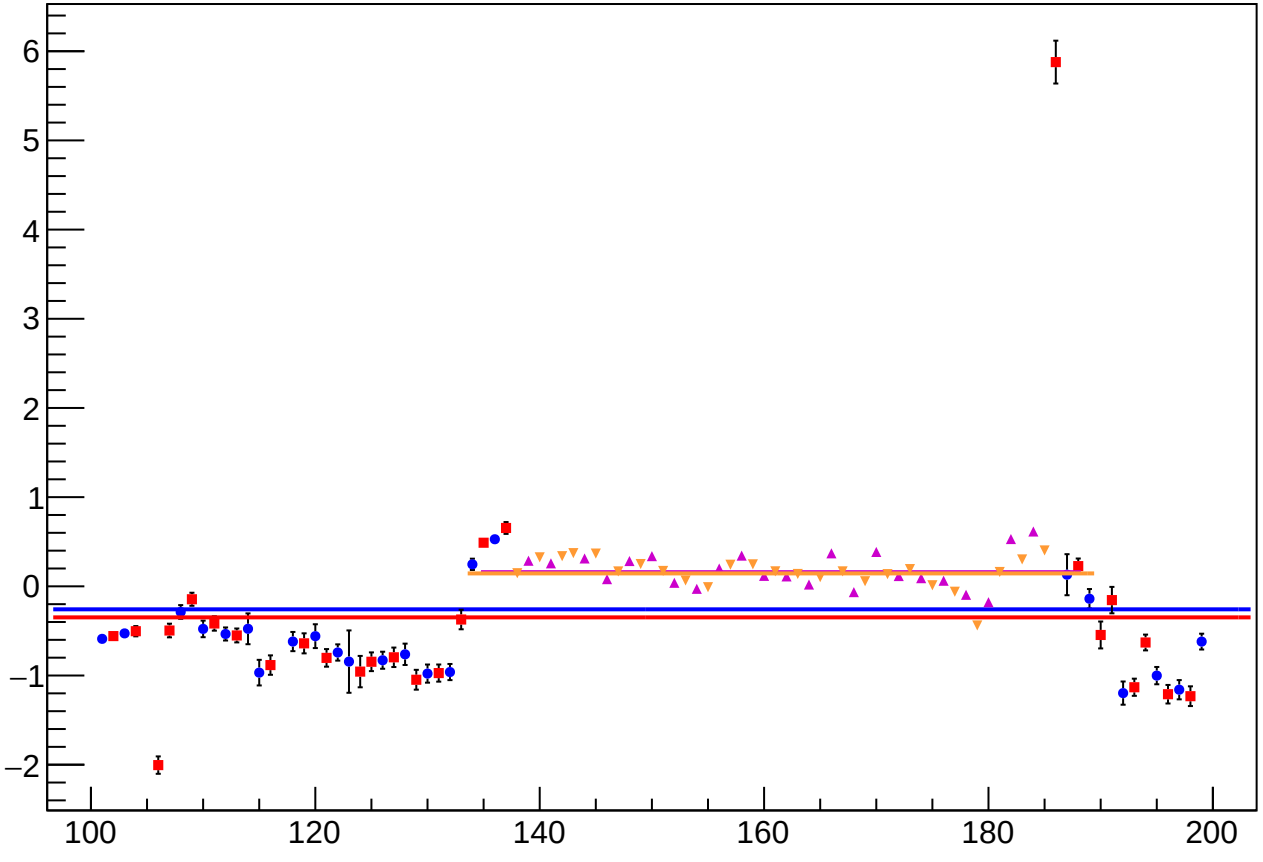
Right: 22.742+/-0.227 χ^2/NDF: 8619.4/48

In: 30.384+/-0.090 χ^2/NDF:7466.8/45

Out: 30.600+/-0.089 χ^2/NDF:8213.6/50

All: 30.493+/-0.063 χ^2/NDF: 15683.2/96

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.258+/-0.017 χ^2/NDF: 1217.4/22

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.348+/-0.017 χ^2/NDF: 2109.7/25

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

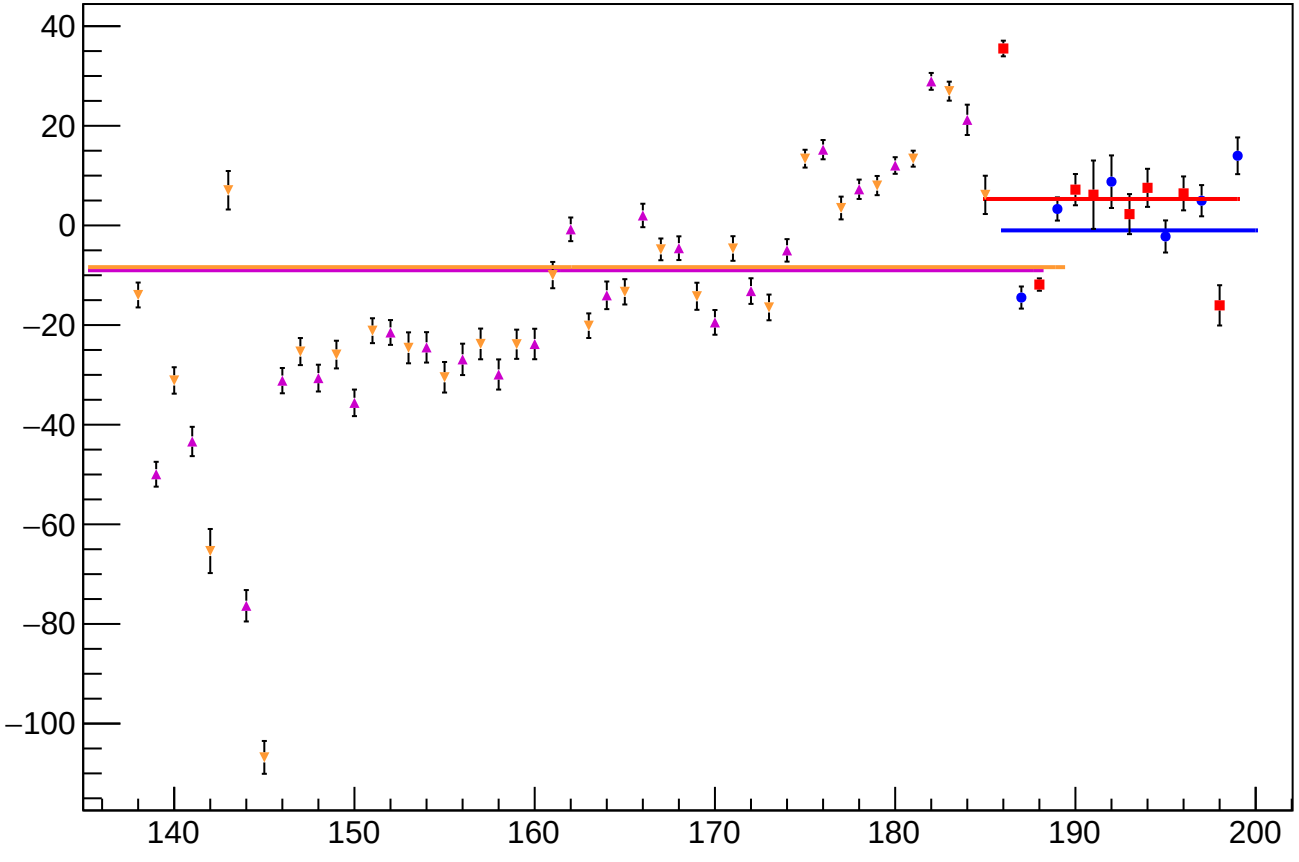
Right: -0.303+/-0.012 χ^2/NDF: 3342.1/48

In: 0.133+/-0.004 χ^2/NDF:3834.3/45

Out: 0.114+/-0.004 χ^2/NDF:4518.4/50

All: 0.123+/-0.003 χ^2/NDF: 8362.6/96

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.995+/-1.199 χ^2/NDF: 64.0/5

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 5.310+/-0.828 χ^2/NDF: 591.2/7

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

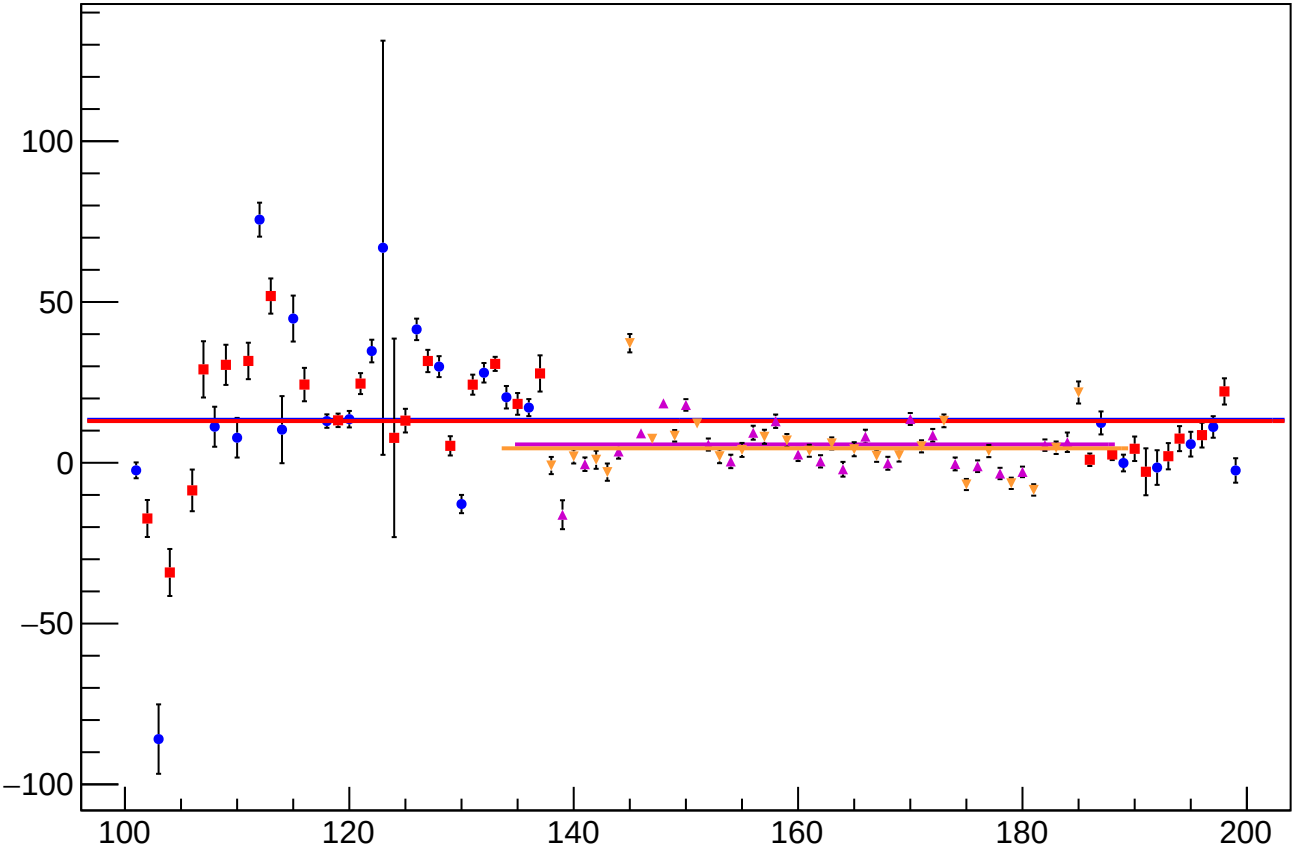
Right: 3.273+/-0.682 χ^2/NDF: 674.0/13

In: -7.790+/-0.466 χ^2/NDF:2410.0/28

Out: -4.718+/-0.428 χ^2/NDF:3015.2/32

All: -6.126+/-0.315 χ^2/NDF: 5448.8/61

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.366+/-0.730 χ^2/NDF: 589.4/22

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 12.971+/-0.678 χ^2/NDF: 394.3/25

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

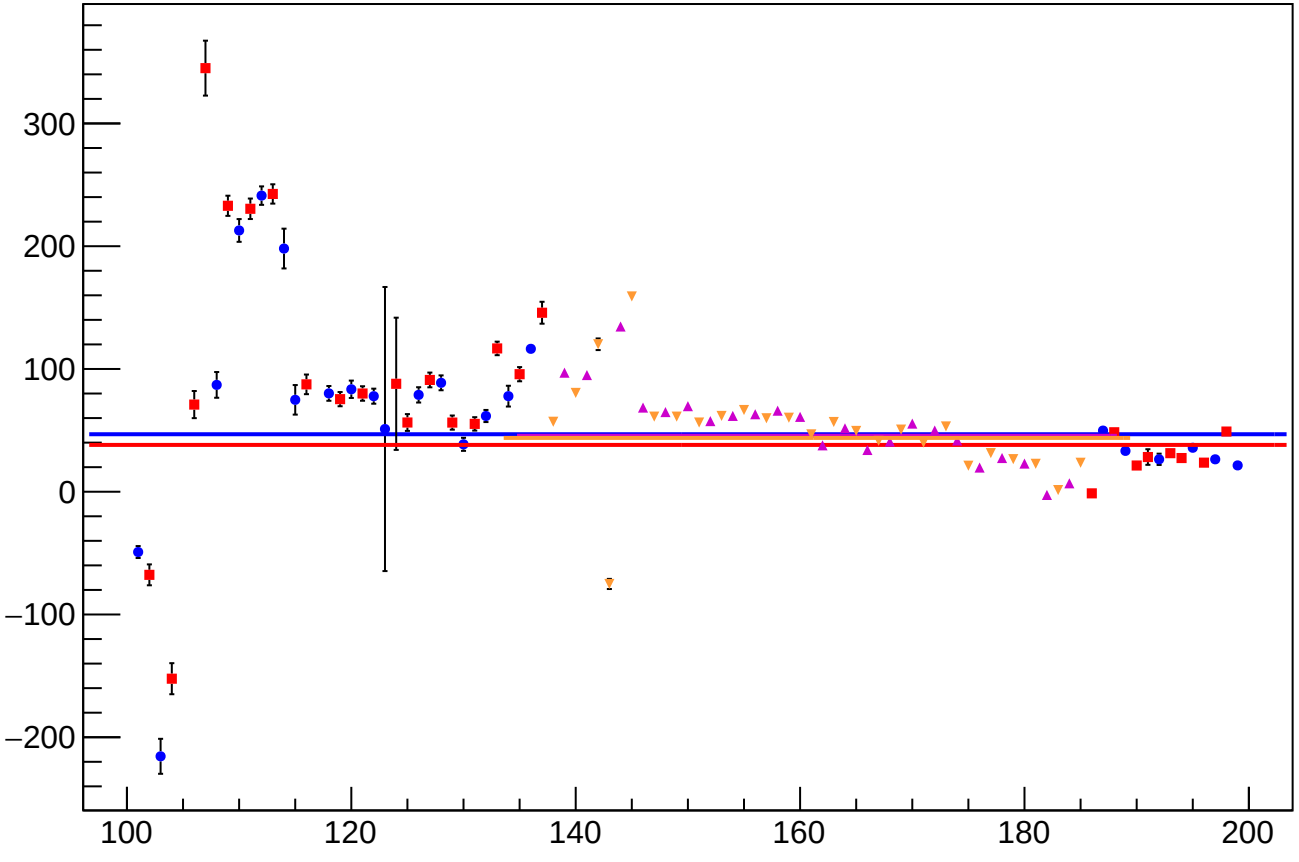
Right: 13.154+/-0.497 χ^2/NDF: 983.8/48

In: 7.493+/-0.353 χ^2/NDF:1003.1/45

Out: 6.624+/-0.340 χ^2/NDF:883.5/50

All: 7.042+/-0.245 χ^2/NDF: 1889.7/96

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 46.836+/-0.859 χ^2/NDF: 2506.2/22

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 38.138+/-0.635 χ^2/NDF: 4203.4/25

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

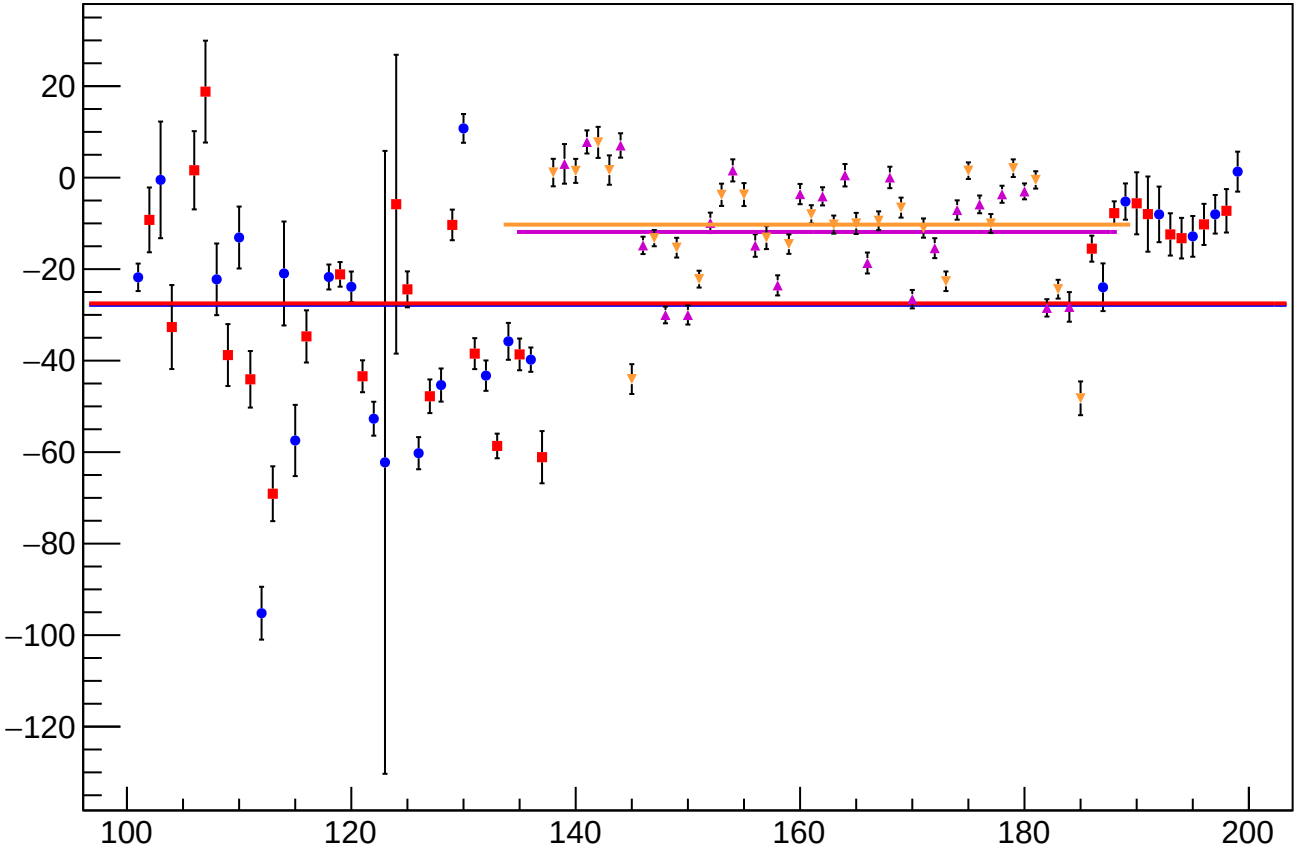
Right: 41.212+/-0.510 χ^2/NDF: 6776.0/48

In: 45.885+/-0.434 χ^2/NDF:5660.3/45

Out: 41.662+/-0.392 χ^2/NDF:7934.2/50

All: 43.562+/-0.291 χ^2/NDF: 13646.6/96

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.805+/-0.862 χ^2/NDF: 643.0/22

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -27.493+/-0.830 χ^2/NDF: 515.5/25

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

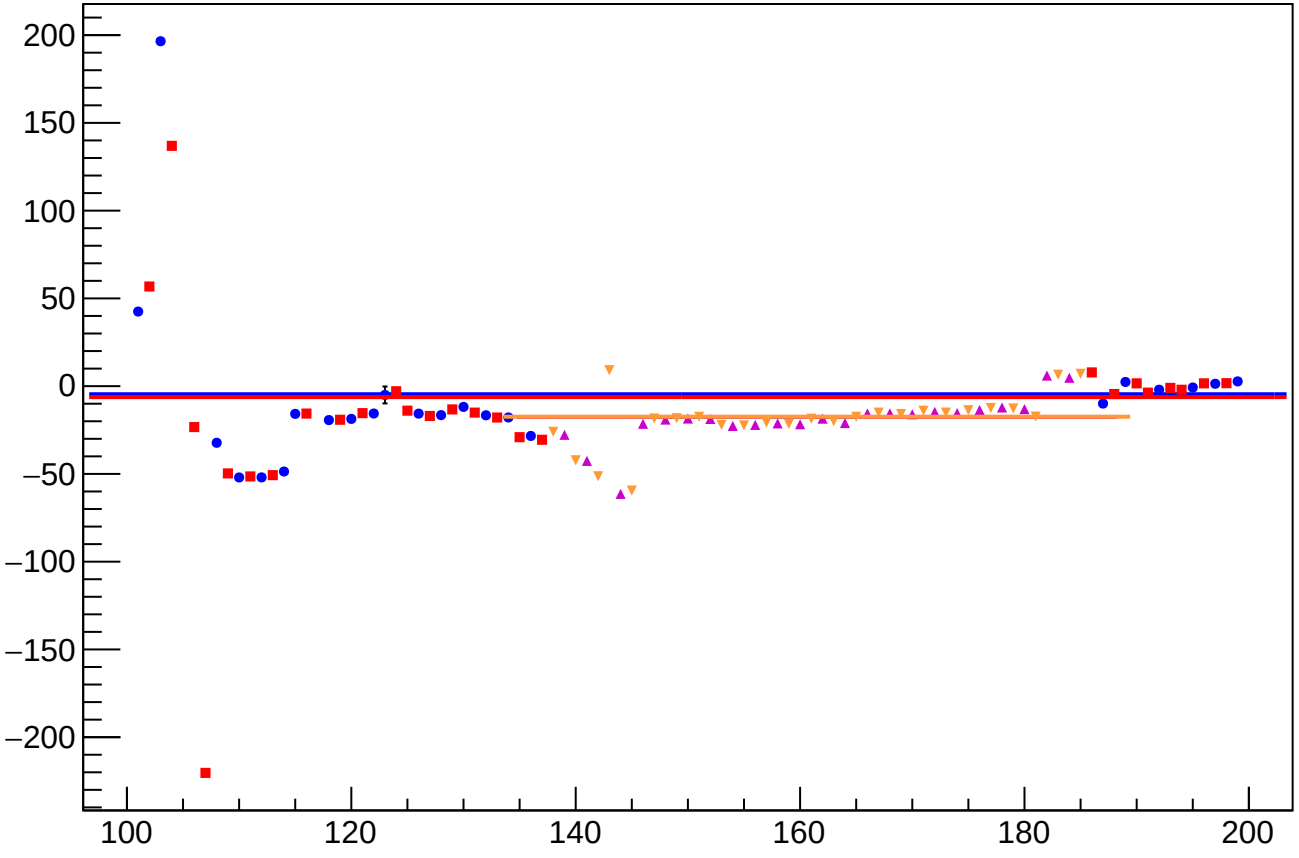
Right: -27.643+/-0.598 χ^2/NDF: 1158.6/48

In: -15.343+/-0.402 χ^2/NDF:1578.5/45

Out: -14.109+/-0.392 χ^2/NDF:1403.5/50

All: -14.710+/-0.281 χ^2/NDF: 2986.9/96

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -4.600+/-0.044 χ^2/NDF: 589008.7/22

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -6.250+/-0.041 χ^2/NDF: 579221.2/25

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

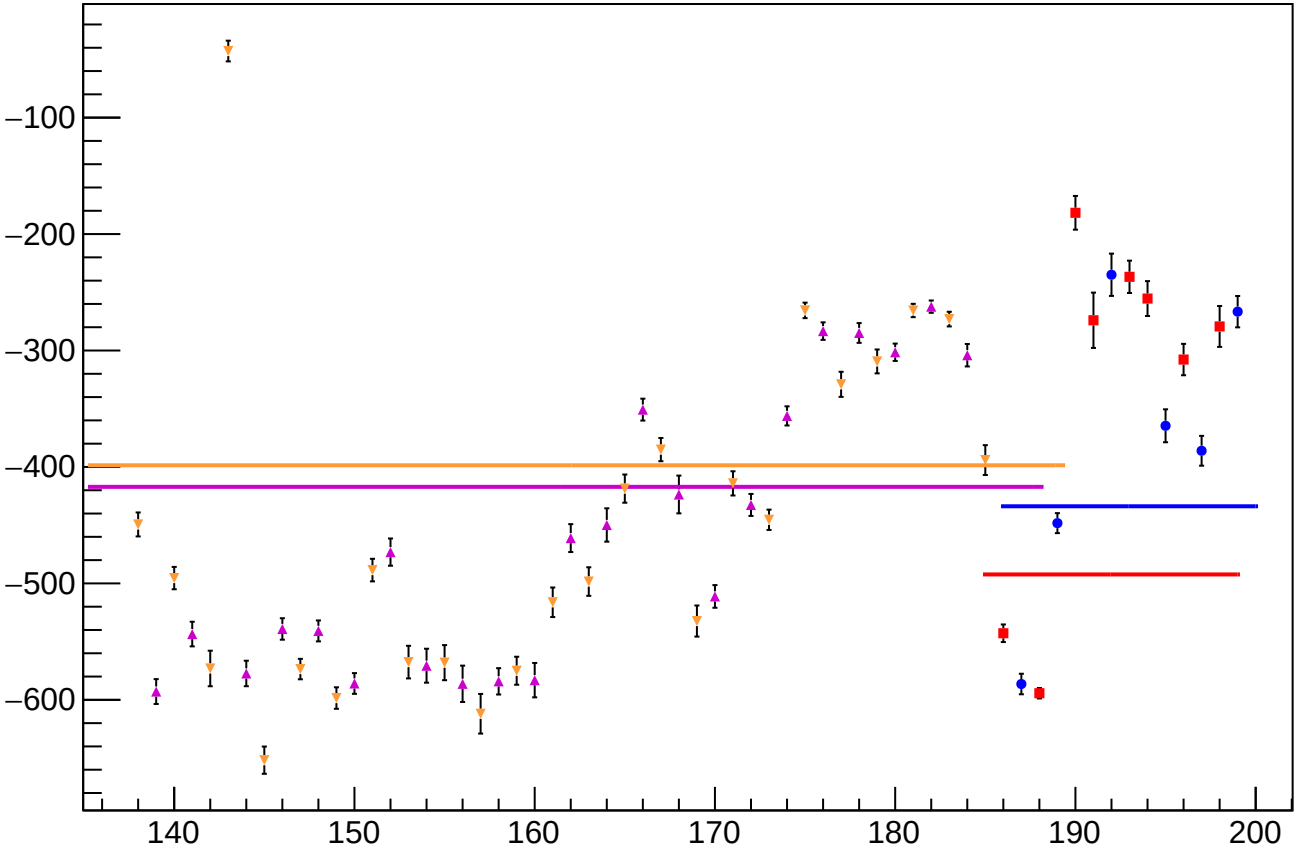
Right: -5.472+/-0.030 χ^2/NDF: 1168989.4/48

In: -15.184+/-0.019 χ^2/NDF:923252.8/45

Out: -15.202+/-0.018 χ^2/NDF:958538.2/50

All: -15.193+/-0.013 χ^2/NDF: 1881791.5/96

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -433.767+/-4.658 χ^2/NDF: 614.1/5

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -492.300+/-3.294 χ^2/NDF: 2030.3/7

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

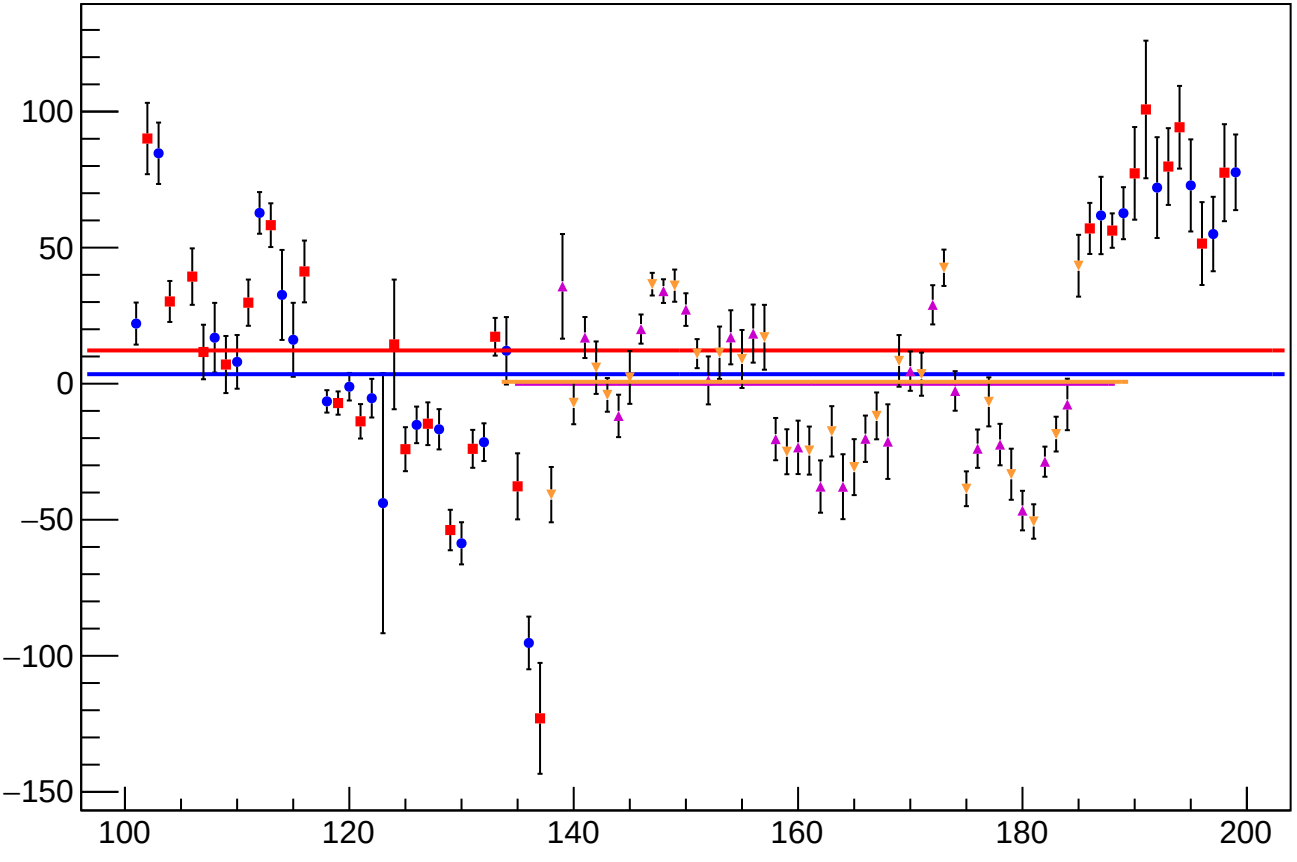
Right: -472.788+/-2.689 χ^2/NDF: 2749.7/13

In: -419.670+/-1.835 χ^2/NDF:4583.5/28

Out: -423.099+/-1.685 χ^2/NDF:8287.8/32

All: -421.530+/-1.241 χ^2/NDF: 12873.2/61

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.493+/-1.787 χ^2/NDF: 457.5/22

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 12.216+/-1.744 χ^2/NDF: 498.4/25

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

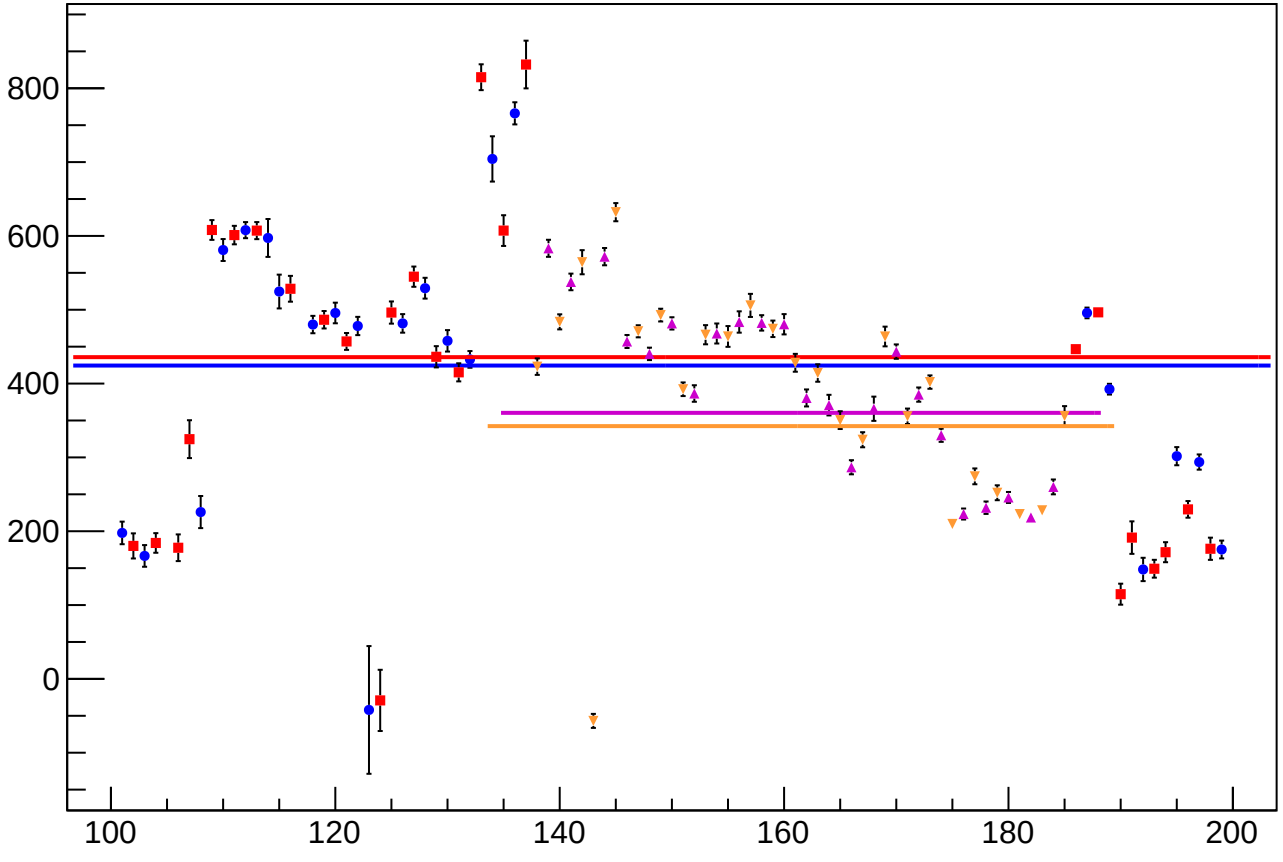
Right: 7.960+/-1.248 χ^2/NDF: 968.1/48

In: 1.494+/-1.180 χ^2/NDF:723.8/45

Out: 5.633+/-1.142 χ^2/NDF:873.3/50

All: 3.631+/-0.820 χ^2/NDF: 1603.4/96

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 424.415+/-2.666 χ^2/NDF: 2960.5/22

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 435.792+/-2.155 χ^2/NDF: 4806.3/25

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

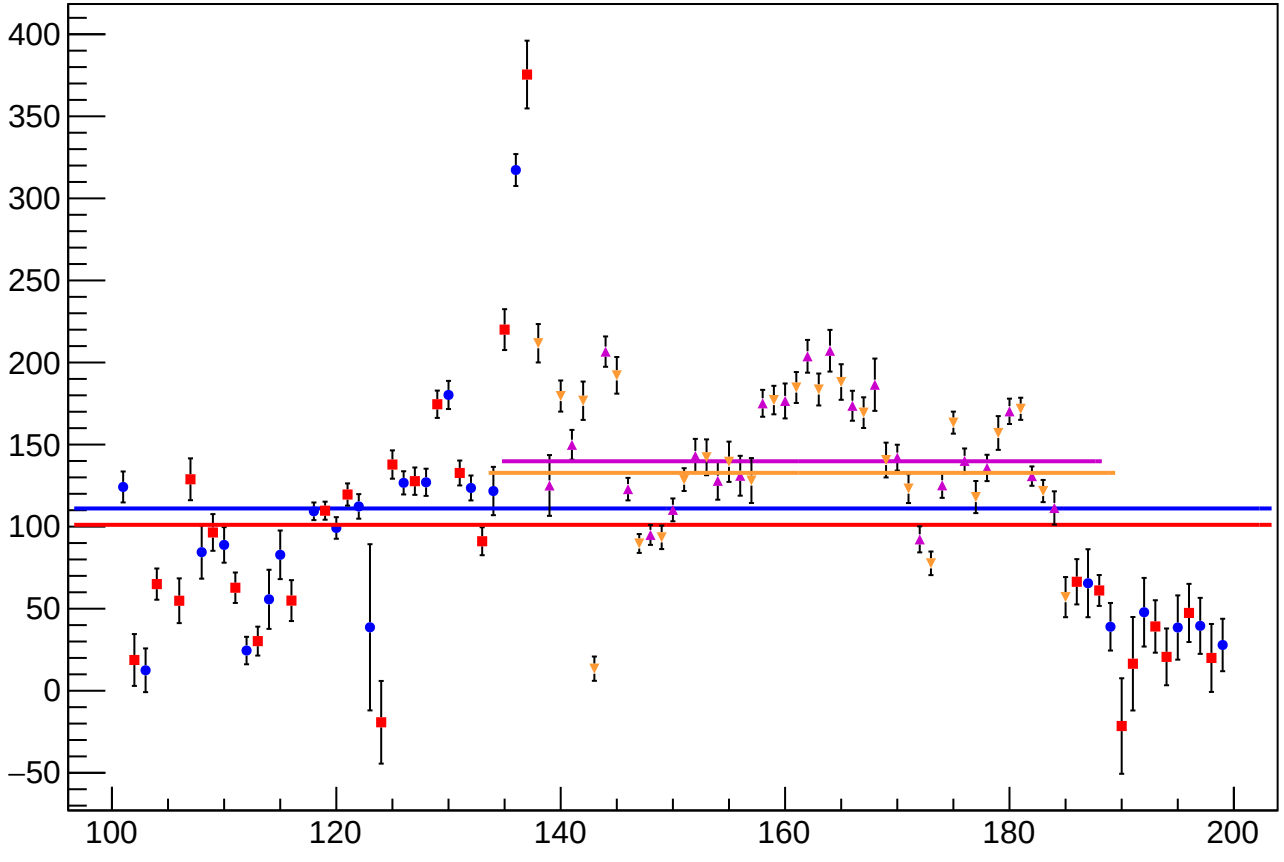
Right: 431.295+/-1.676 χ^2/NDF: 7777.8/48

In: 383.356+/-1.598 χ^2/NDF:6780.4/45

Out: 384.884+/-1.454 χ^2/NDF:11011.7/50

All: 384.192+/-1.075 χ^2/NDF: 17792.6/96

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.072+/-2.097 χ^2/NDF: 812.8/22

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 101.098+/-2.058 χ^2/NDF: 691.2/25

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

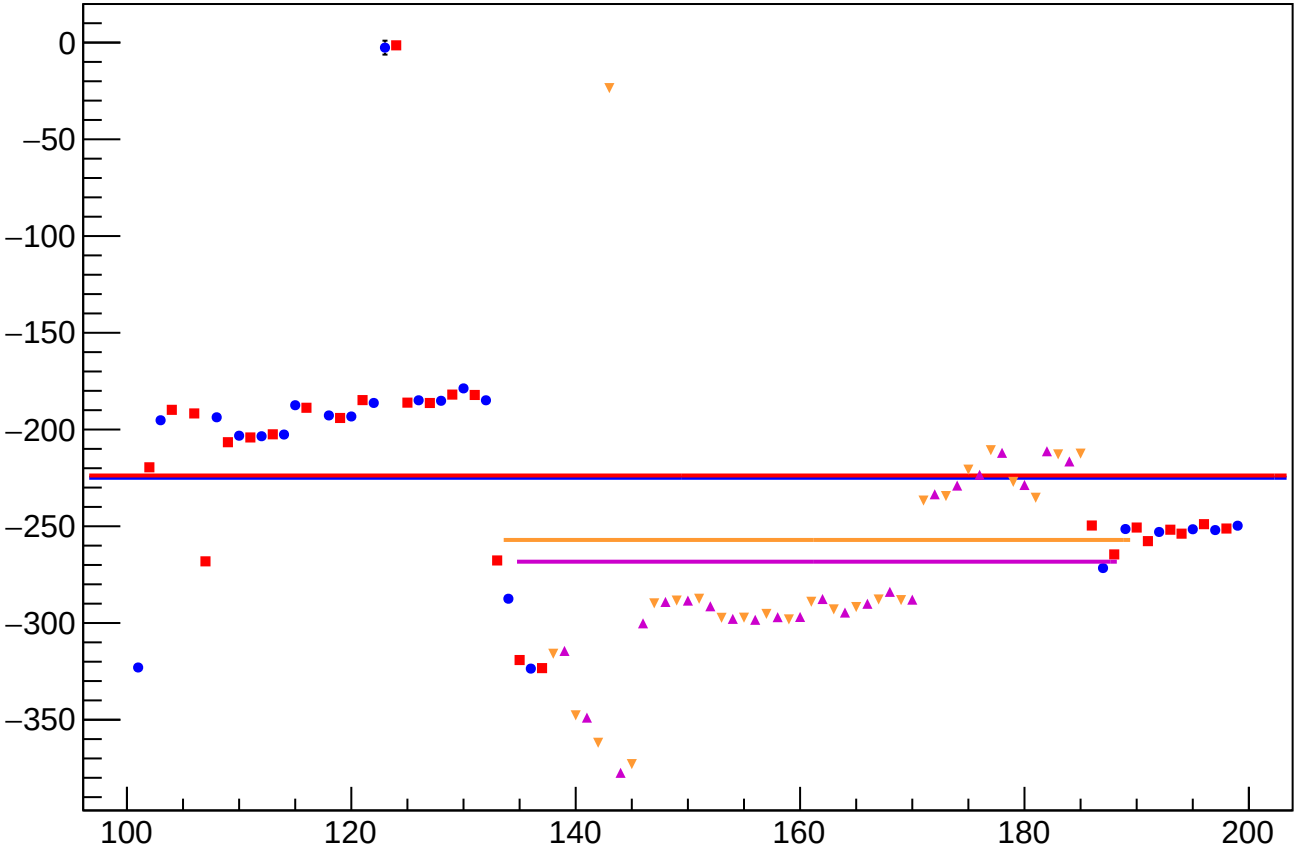
Right: 105.991+/-1.469 χ^2/NDF: 1515.5/48

In: 127.713+/-1.361 χ^2/NDF:1243.3/45

Out: 119.603+/-1.327 χ^2/NDF:1579.1/50

All: 123.554+/-0.950 χ^2/NDF: 2840.5/96

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.926+/-0.119 χ^2/NDF: 162918.1/22

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -223.763+/-0.111 χ^2/NDF: 141738.7/25

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

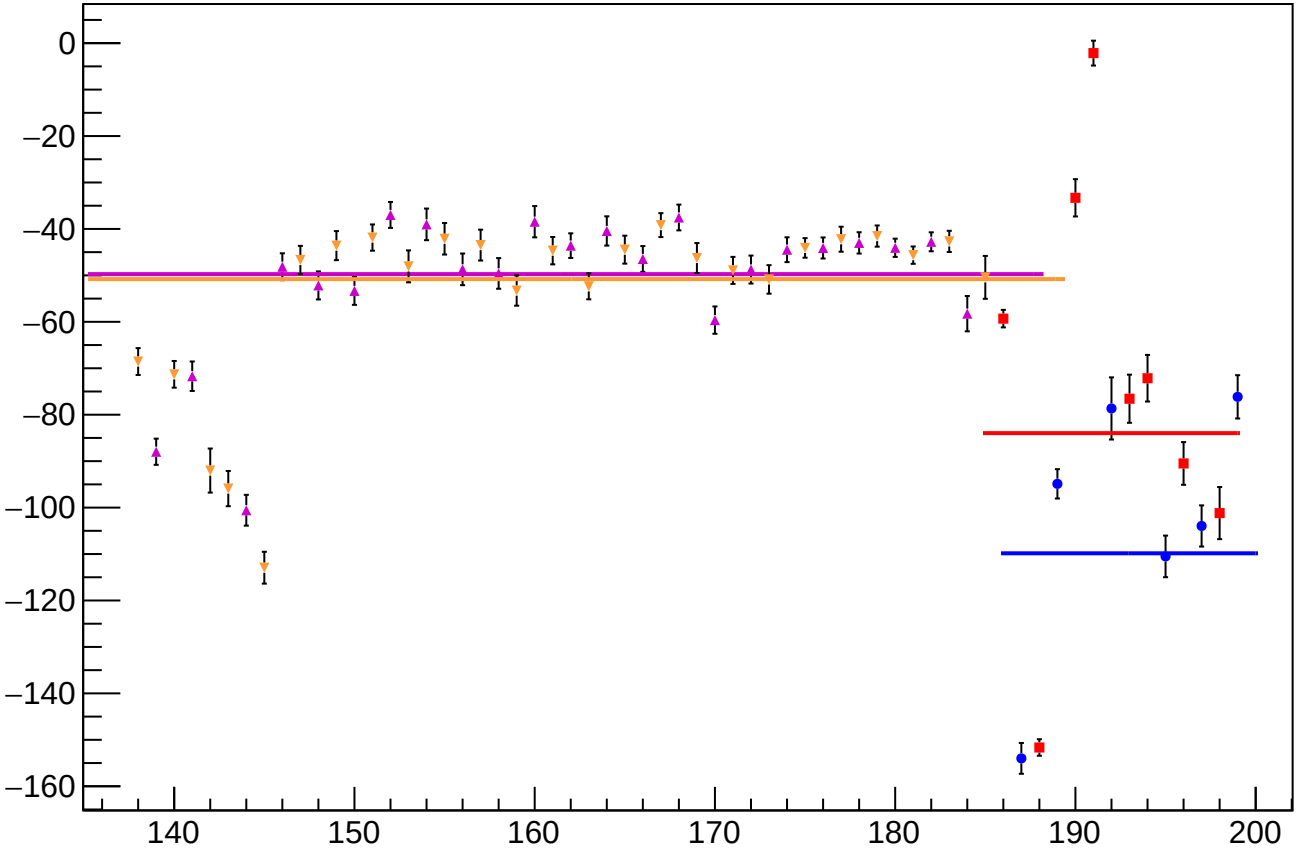
Right: -224.305+/-0.081 χ^2/NDF: 304707.8/48

In: -254.055+/-0.068 χ^2/NDF:516926.9/45

Out: -245.292+/-0.066 χ^2/NDF:865430.1/50

All: -249.538+/-0.047 χ^2/NDF: 1390858.4/96

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -109.841+/-1.667 χ^2/NDF: 275.2/5

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.965+/-1.024 χ^2/NDF: 2727.2/7

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

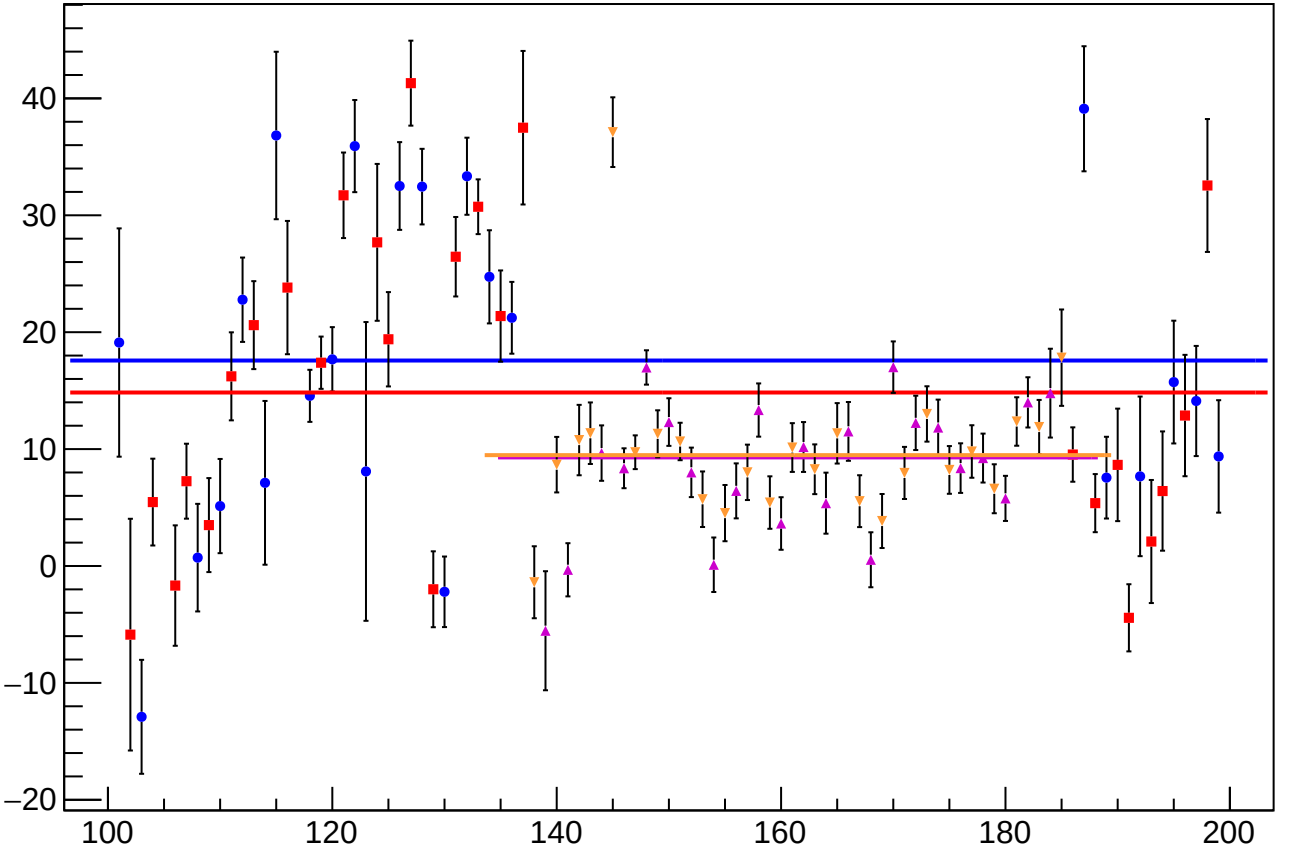
Right: -91.055+/-0.872 χ^2/NDF: 3177.5/13

In: -56.252+/-0.549 χ^2/NDF:2036.1/28

Out: -58.729+/-0.501 χ^2/NDF:4278.2/32

All: -57.605+/-0.370 χ^2/NDF: 6325.4/61

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.577+/-0.821 χ^2/NDF: 235.3/22

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.841+/-0.709 χ^2/NDF: 304.1/25

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

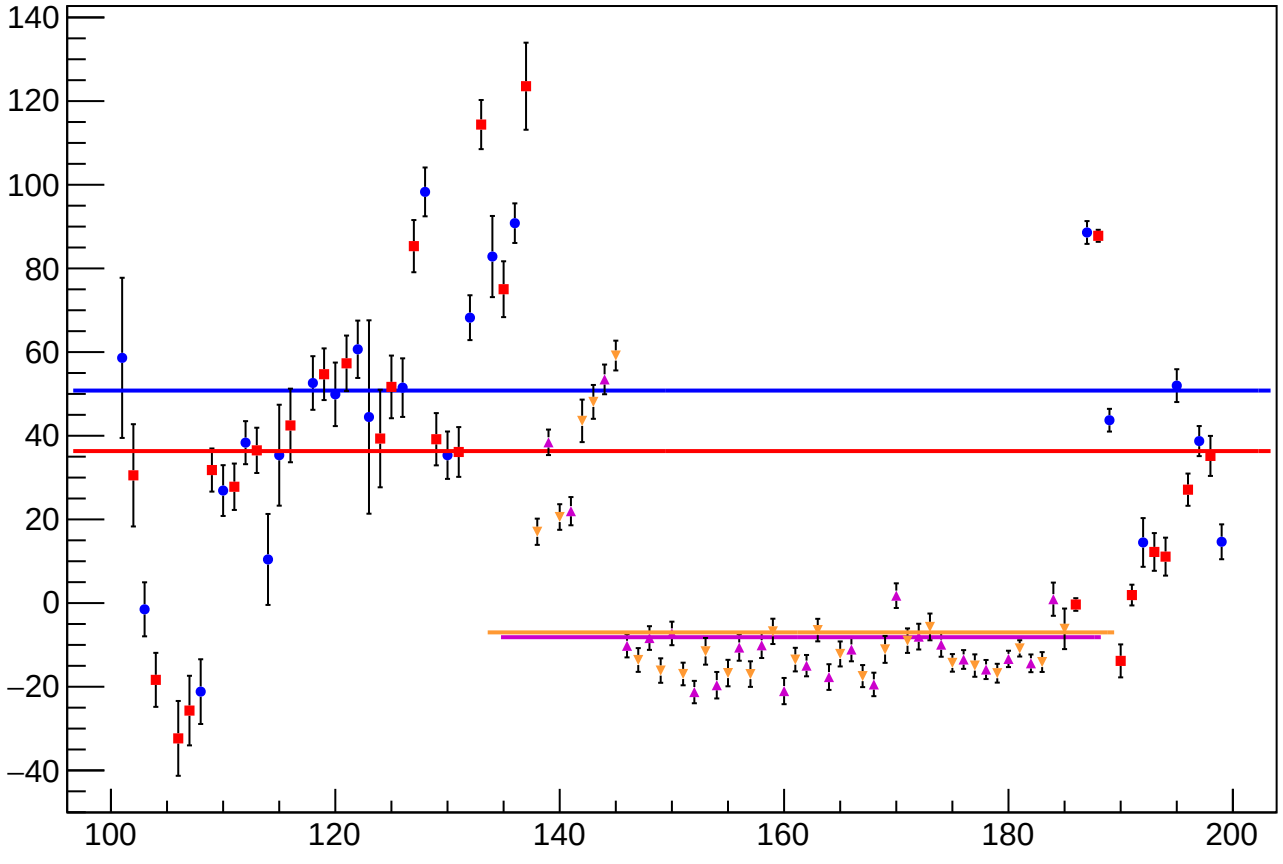
Right: 16.008+/-0.537 χ^2/NDF: 545.8/48

In: 11.271+/-0.402 χ^2/NDF:438.4/45

Out: 11.008+/-0.378 χ^2/NDF:478.1/50

All: 11.131+/-0.275 χ^2/NDF: 916.7/96

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.802+/-1.079 χ^2/NDF: 682.3/22

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 36.336+/-0.756 χ^2/NDF: 2849.3/25

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

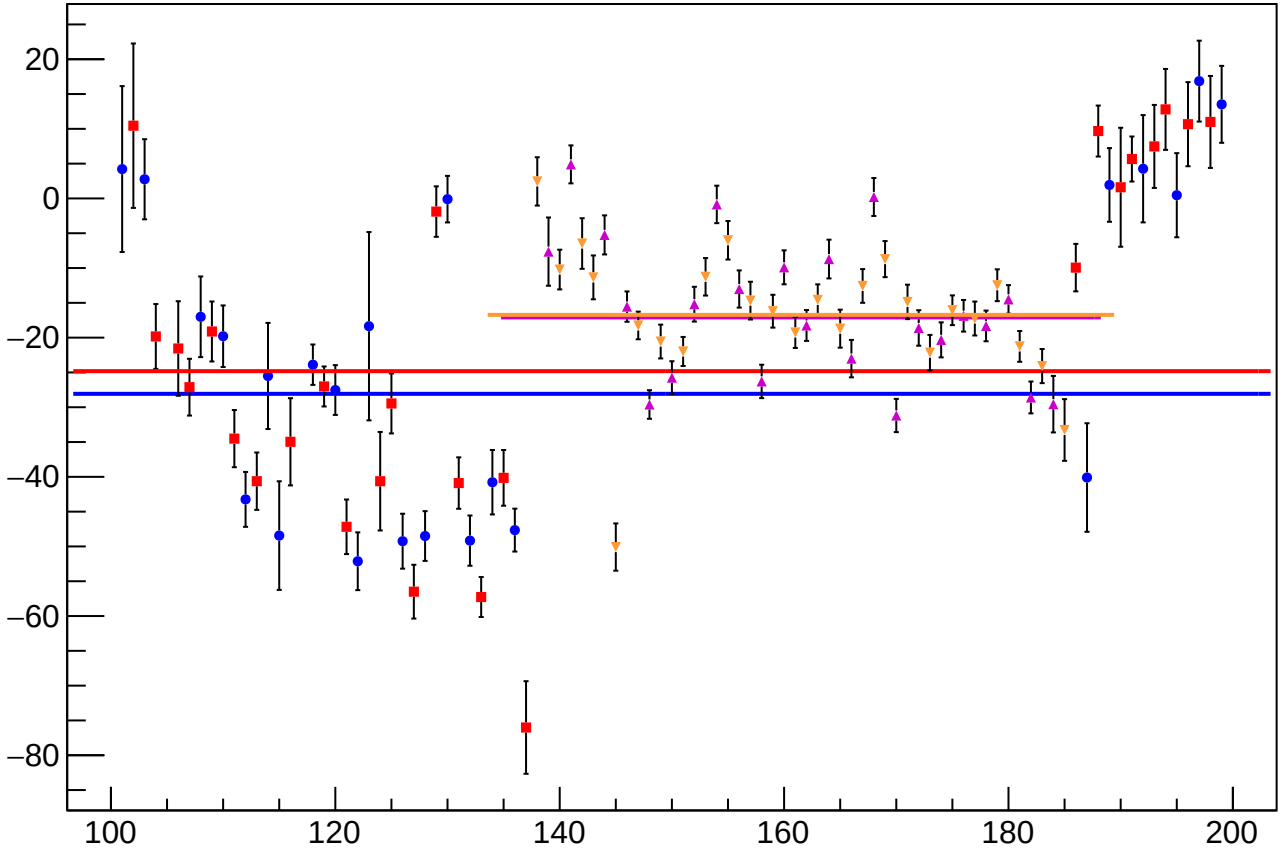
Right: 41.101+/-0.619 χ^2/NDF: 3652.0/48

In: 4.976+/-0.509 χ^2/NDF:3756.8/45

Out: 8.762+/-0.456 χ^2/NDF:5838.0/50

All: 7.076+/-0.340 χ^2/NDF: 9625.4/96

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.074+/-0.955 χ^2/NDF: 505.4/22

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -24.815+/-0.847 χ^2/NDF: 743.3/25

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

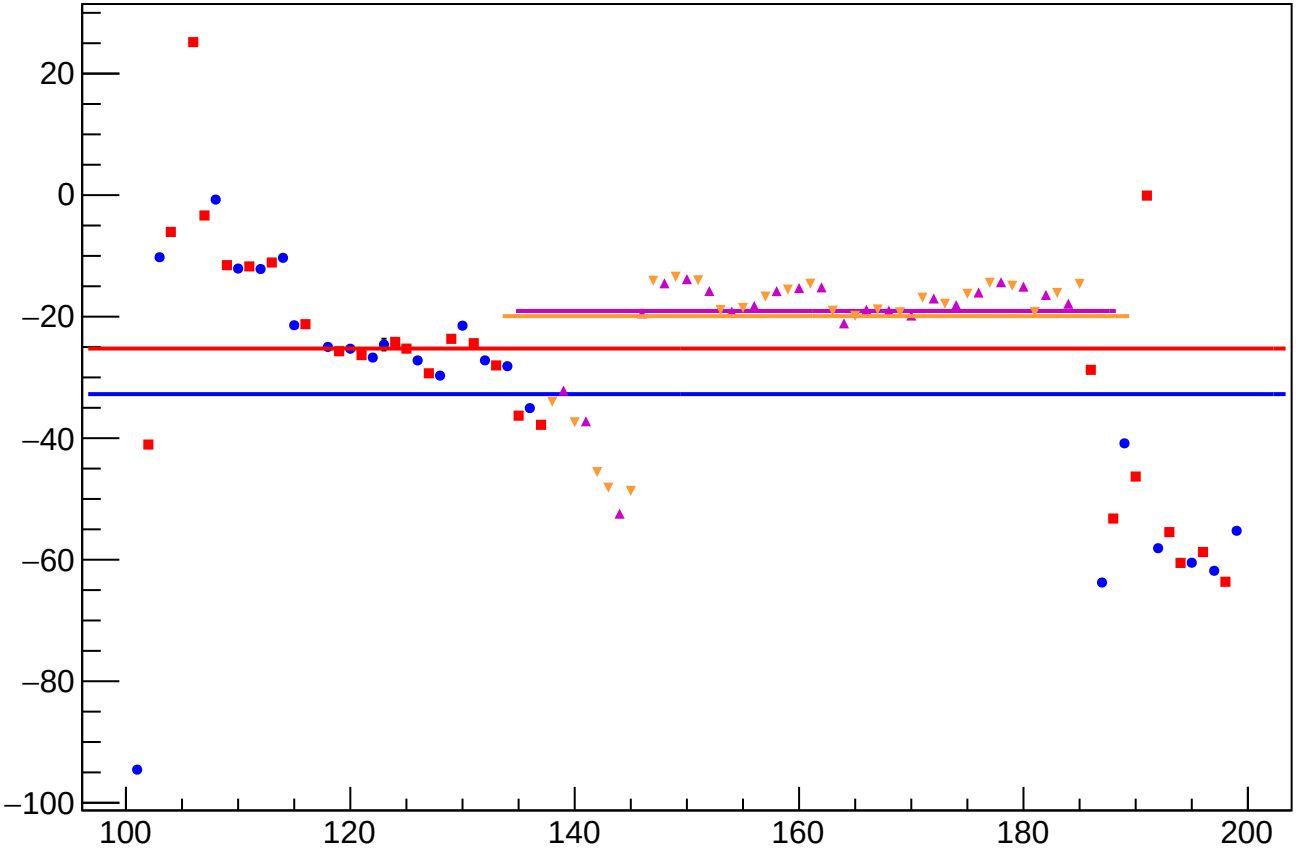
Right: -26.250+/-0.634 χ^2/NDF: 1255.2/48

In: -19.612+/-0.457 χ^2/NDF:935.2/45

Out: -18.864+/-0.436 χ^2/NDF:1033.7/50

All: -19.220+/-0.315 χ^2/NDF: 1970.3/96

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -32.748+/-0.048 χ^2/NDF: 169254.6/22

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -25.249+/-0.040 χ^2/NDF: 343529.5/25

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

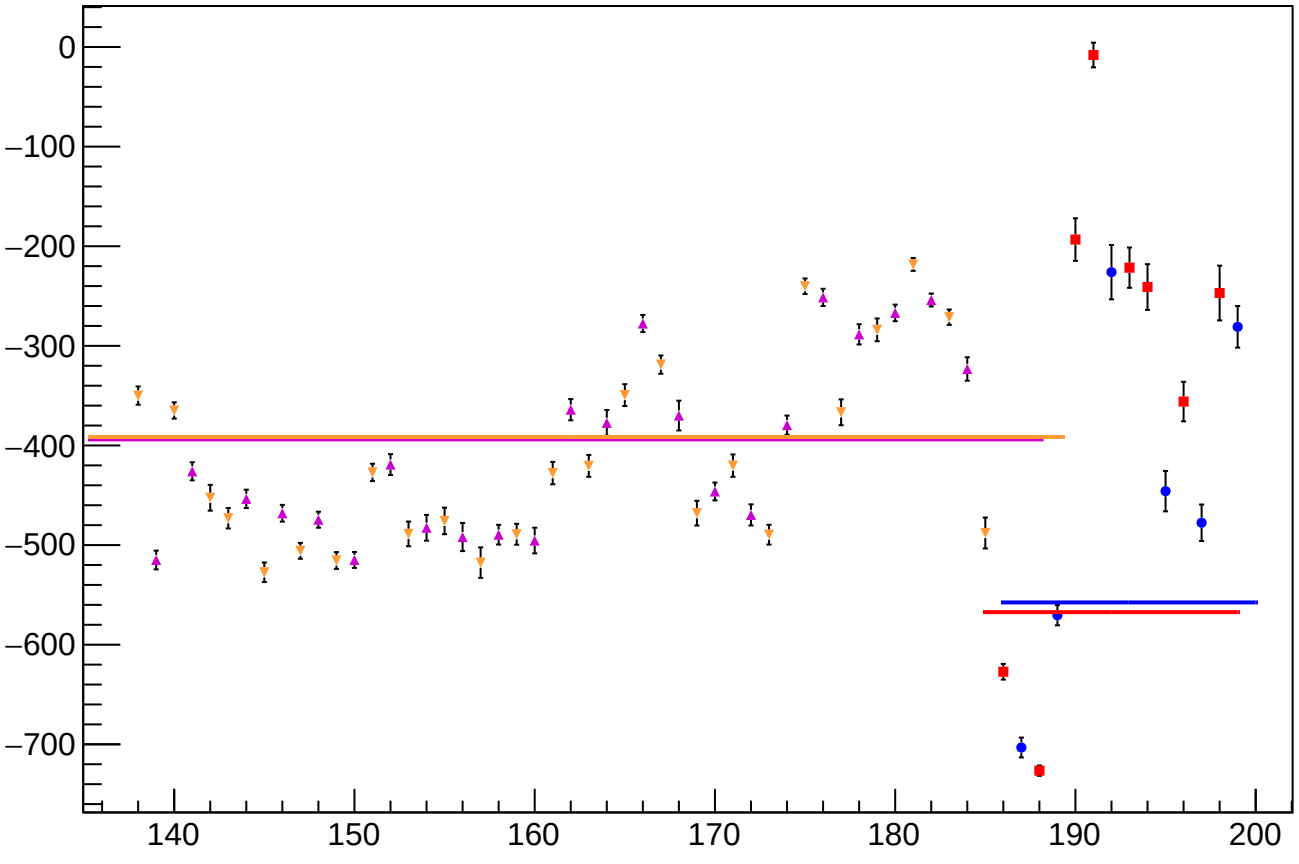
Right: -28.345+/-0.031 χ^2/NDF: 526999.1/48

In: -21.709+/-0.021 χ^2/NDF:326968.6/45

Out: -21.248+/-0.020 χ^2/NDF:497679.3/50

All: -21.468+/-0.015 χ^2/NDF: 824895.4/96

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -557.577+/-5.893 χ^2/NDF: 588.0/5

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -567.315+/-3.769 χ^2/NDF: 4097.4/7

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

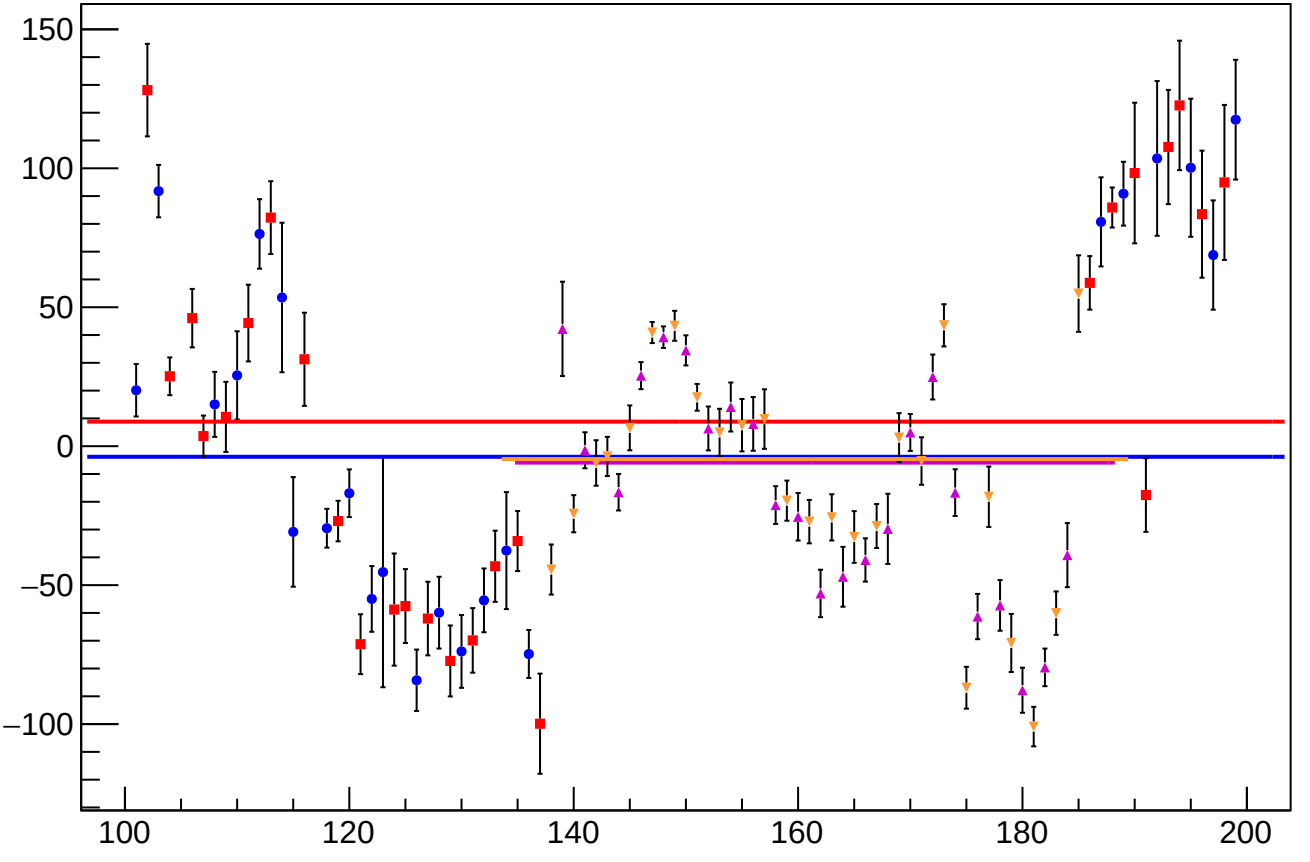
Right: -564.489+/-3.175 χ^2/NDF: 4687.3/13

In: -410.776+/-1.892 χ^2/NDF:3560.6/28

Out: -429.287+/-1.748 χ^2/NDF:8514.9/32

All: -420.765+/-1.284 χ^2/NDF: 12127.2/61

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.812+/-2.596 χ^2/NDF: 562.6/22

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 8.832+/-2.289 χ^2/NDF: 639.2/25

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

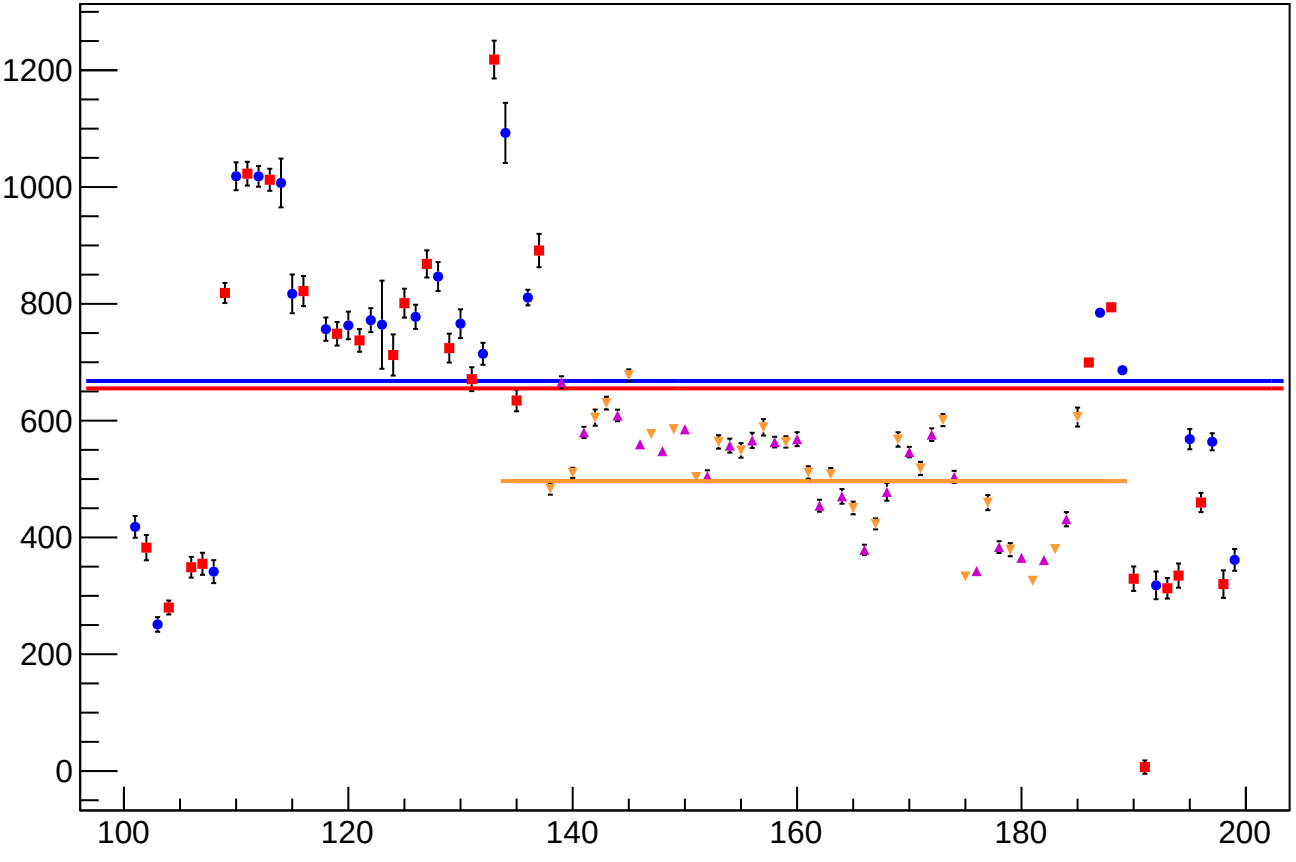
Right: 3.300+/-1.717 χ^2/NDF: 1215.1/48

In: -5.375+/-1.307 χ^2/NDF:1220.6/45

Out: -0.713+/-1.235 χ^2/NDF:1435.1/50

All: -2.913+/-0.898 χ^2/NDF: 2662.4/96

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 667.911+/-3.516 χ^2/NDF: 3367.4/22

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 655.175+/-2.599 χ^2/NDF: 8637.6/25

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

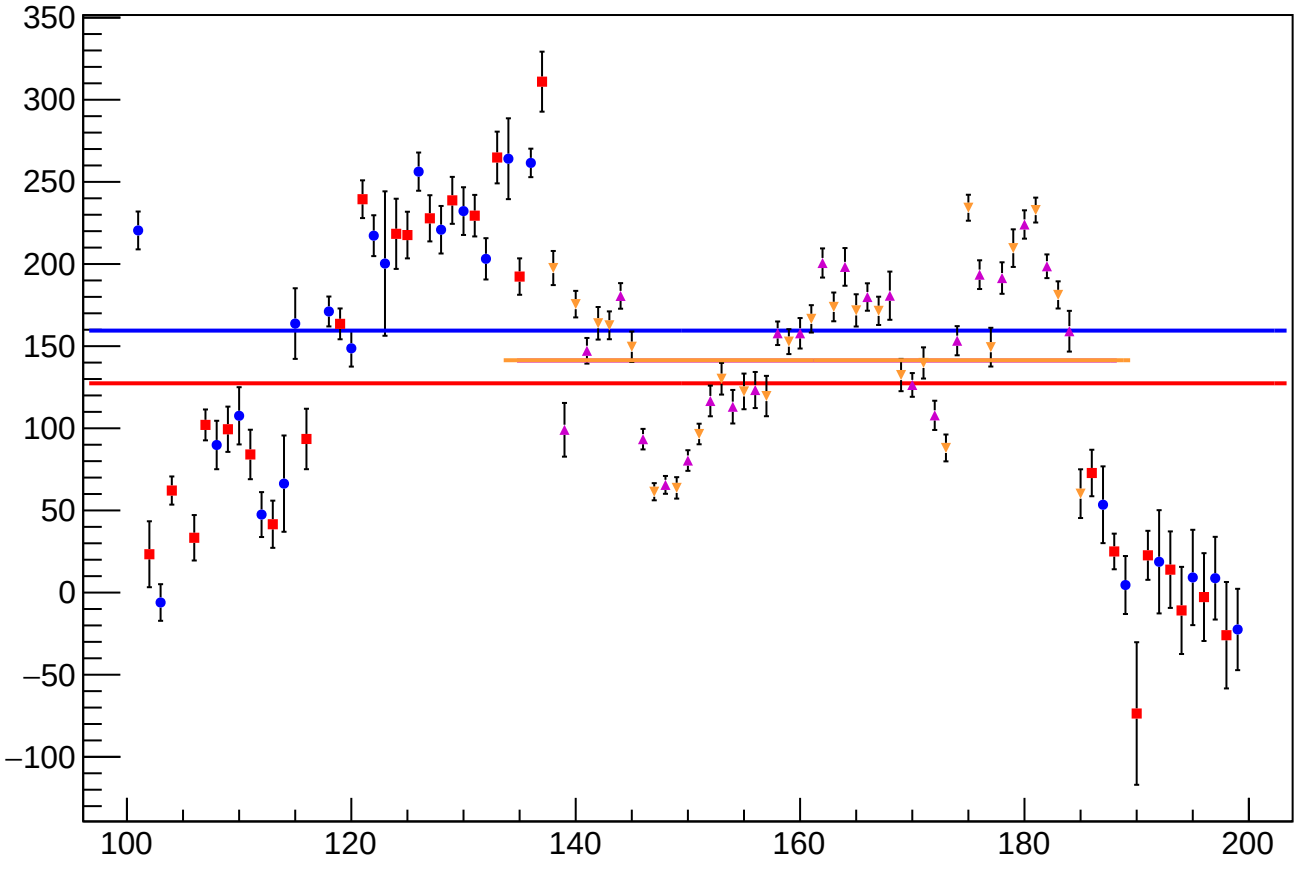
Right: 659.674+/-2.090 χ^2/NDF: 12013.5/48

In: 537.863+/-1.729 χ^2/NDF:7467.5/45

Out: 554.473+/-1.570 χ^2/NDF:13592.3/50

All: 546.964+/-1.162 χ^2/NDF: 21110.4/96

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 159.471+/-3.044 χ^2/NDF: 897.3/22

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 127.388+/-2.755 χ^2/NDF: 1018.5/25

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

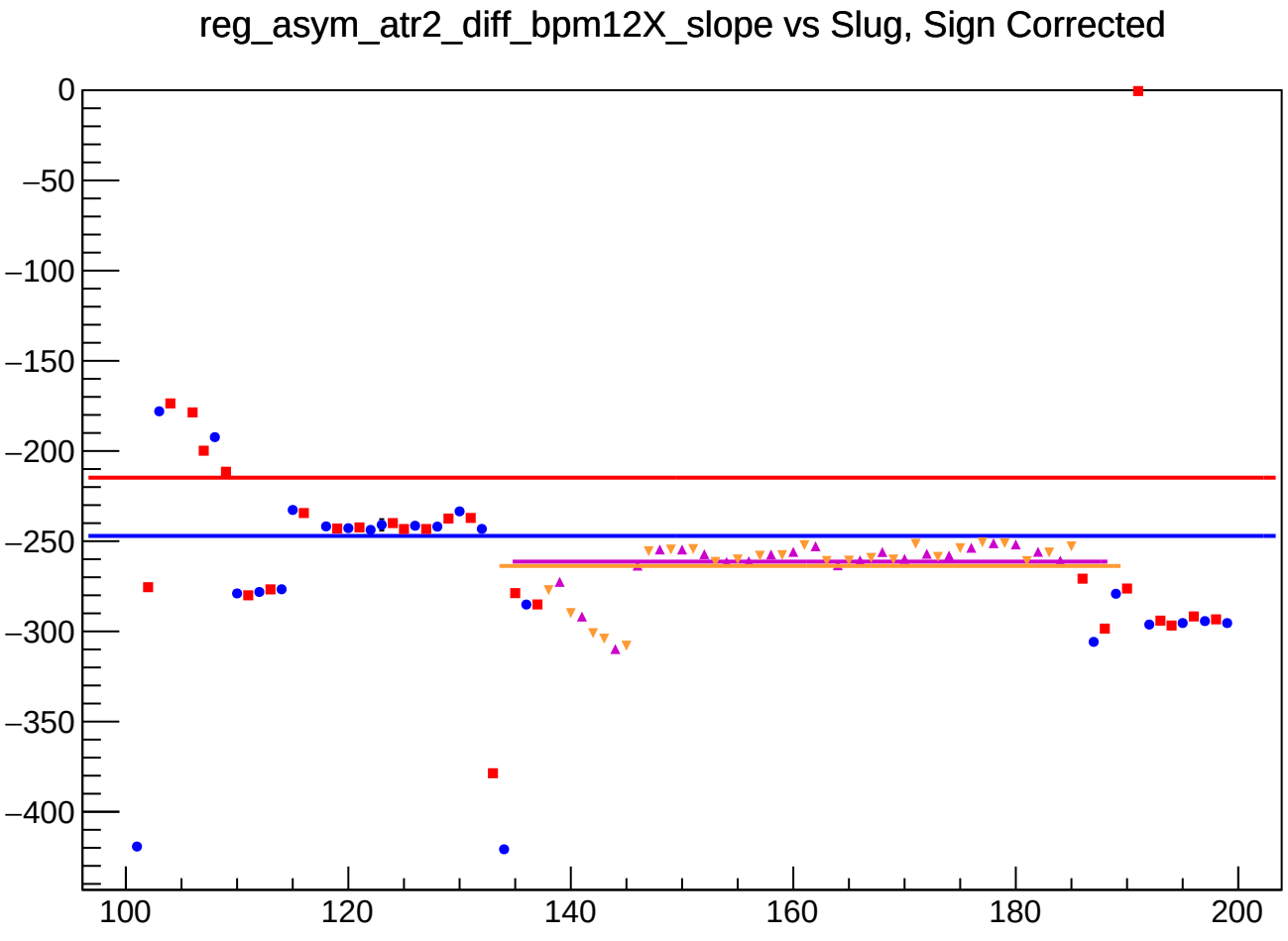
Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

Right: 141.838+/-2.043 χ^2/NDF: 1976.9/48

In: 145.751+/-1.513 χ^2/NDF:1668.5/45

Out: 137.545+/-1.449 χ^2/NDF:1995.0/50

All: 141.472+/-1.047 χ^2/NDF: 3678.8/96



Right In: -247.082+/-0.146 χ^2/NDF: 186427.0/22

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -214.779+/-0.129 χ^2/NDF: 439940.6/25

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

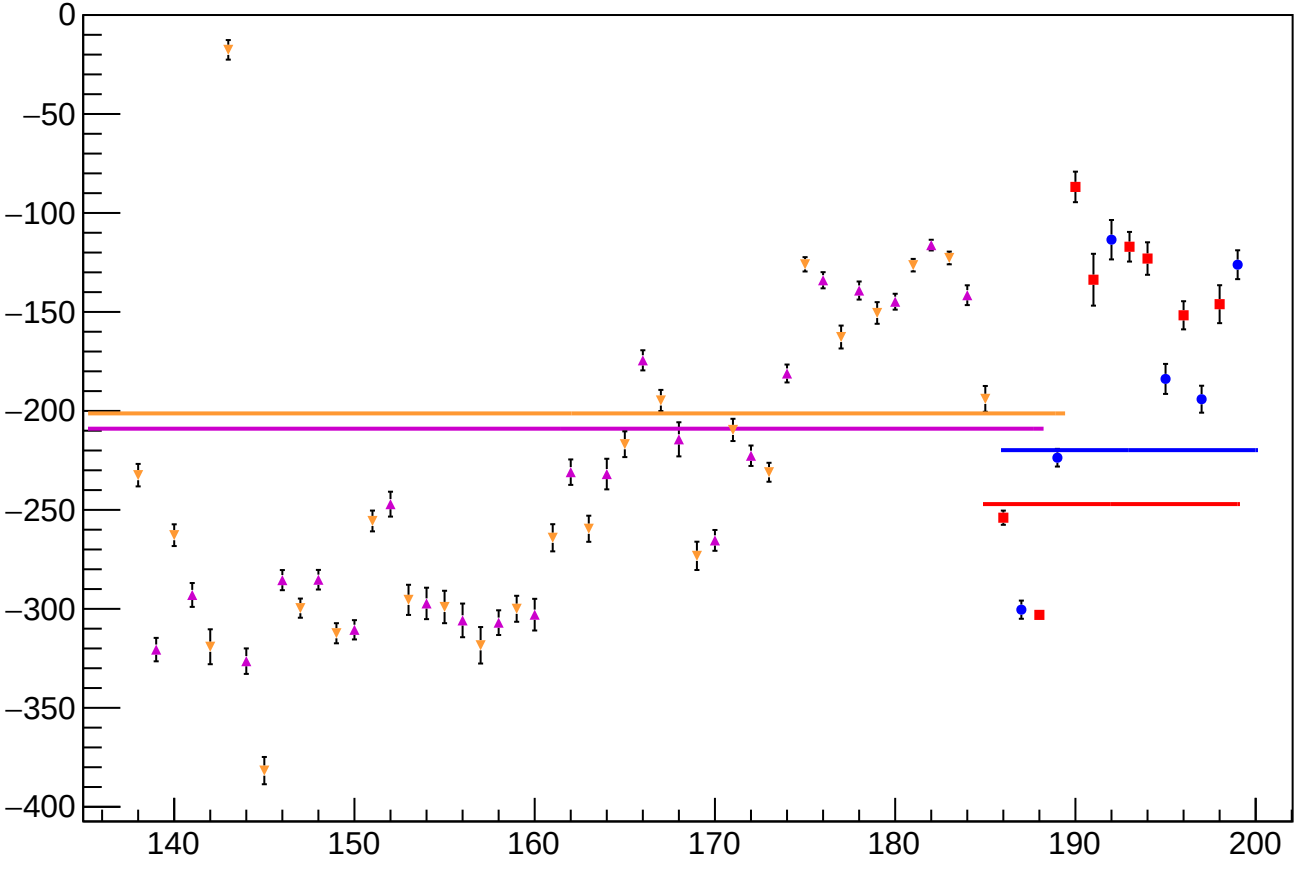
Right: -228.907+/-0.097 χ^2/NDF: 653746.7/48

In: -257.948+/-0.071 χ^2/NDF:217093.0/45

Out: -249.793+/-0.069 χ^2/NDF:580696.3/50

All: -253.730+/-0.050 χ^2/NDF: 804552.9/96

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -219.817+/-2.459 χ^2/NDF: 624.7/5

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -247.070+/-1.711 χ^2/NDF: 1887.8/7

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

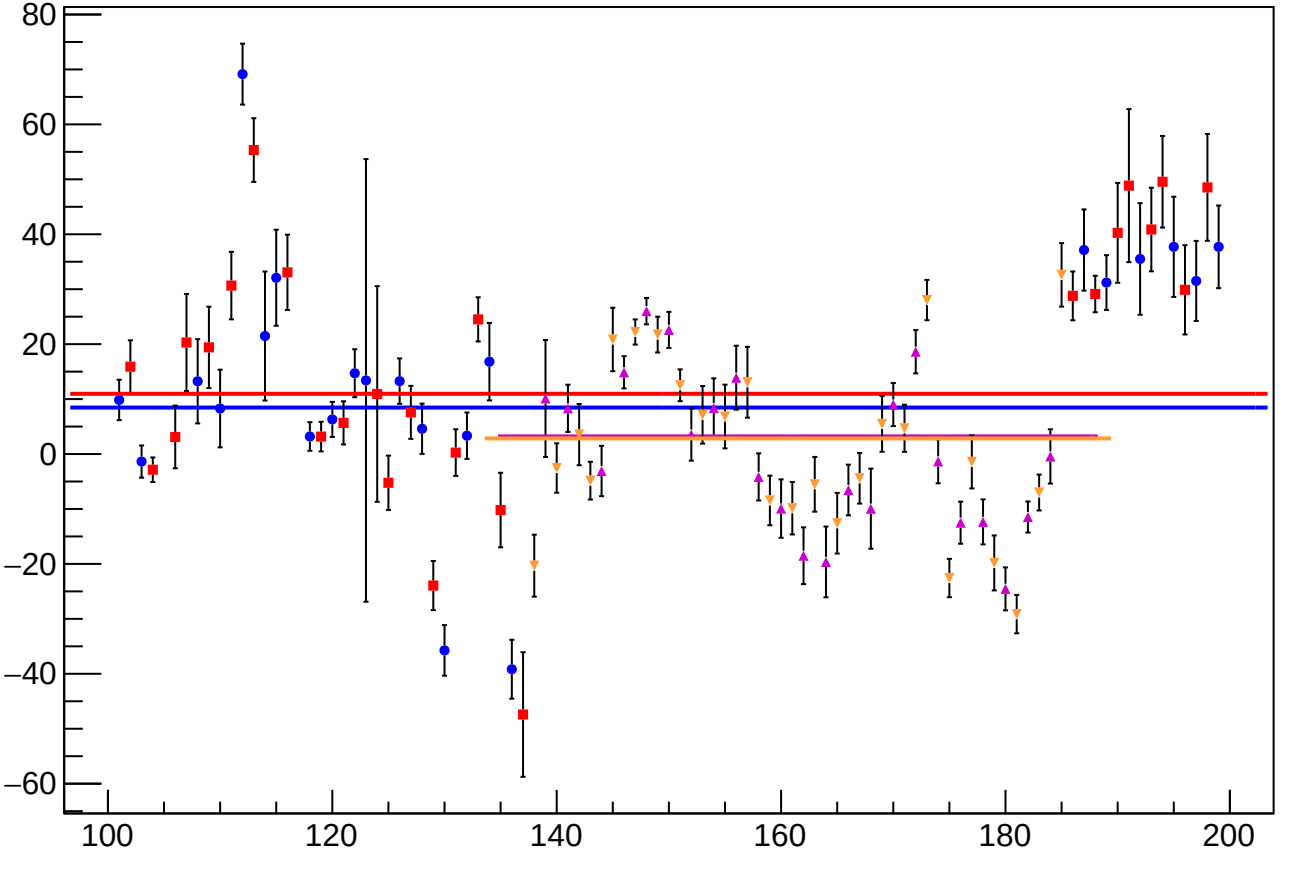
Right: -238.179+/-1.405 χ^2/NDF: 2595.3/13

In: -210.728+/-0.987 χ^2/NDF:5506.2/28

Out: -214.059+/-0.904 χ^2/NDF:8514.3/32

All: -212.540+/-0.667 χ^2/NDF: 14026.7/61

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.459+/-1.021 χ^2/NDF: 401.0/22

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 10.965+/-0.960 χ^2/NDF: 380.2/25

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

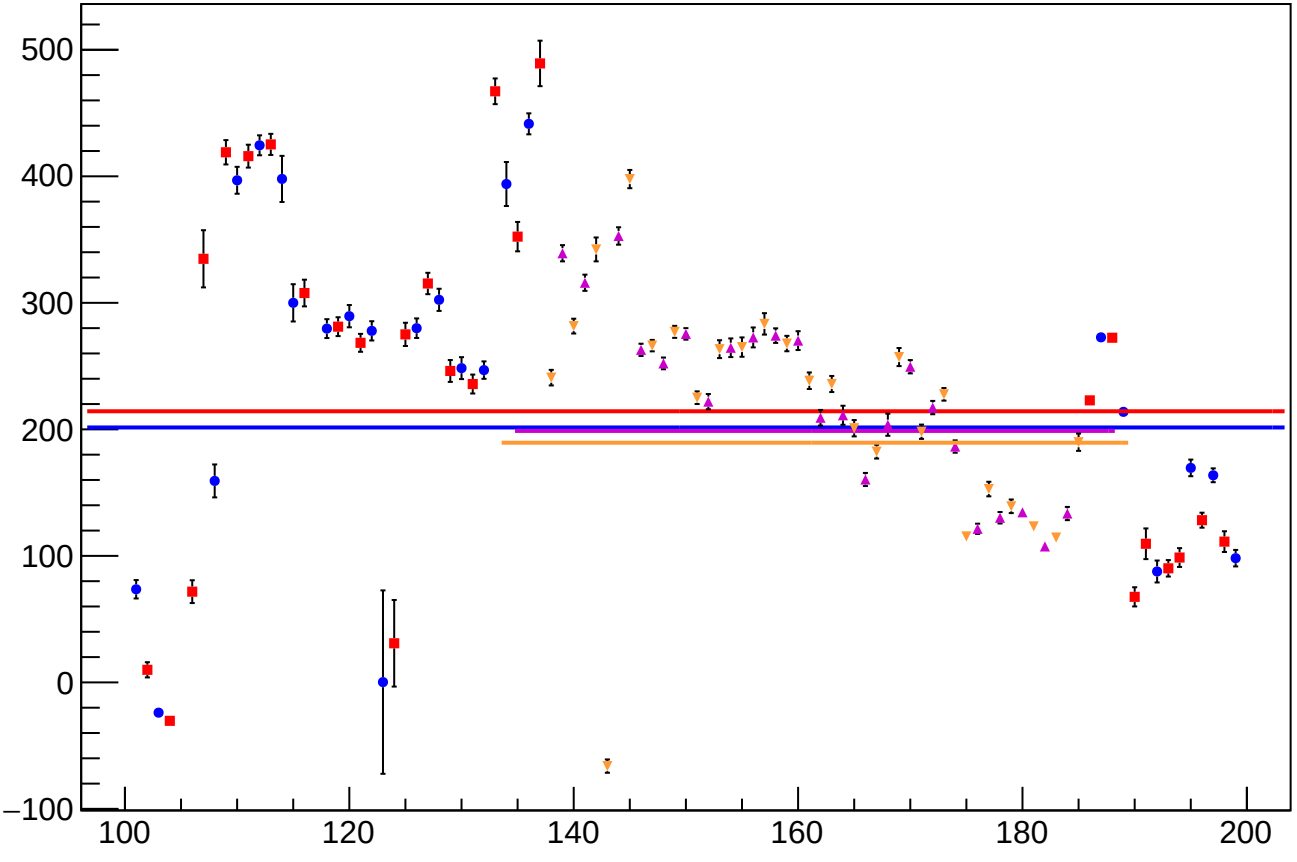
Right: 9.789+/-0.699 χ^2/NDF: 784.4/48

In: 5.371+/-0.655 χ^2/NDF:740.4/45

Out: 6.286+/-0.625 χ^2/NDF:842.0/50

All: 5.850+/-0.452 χ^2/NDF: 1583.5/96

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.498+/-1.427 χ^2/NDF: 7616.2/22

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 214.304+/-1.137 χ^2/NDF: 10624.2/25

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

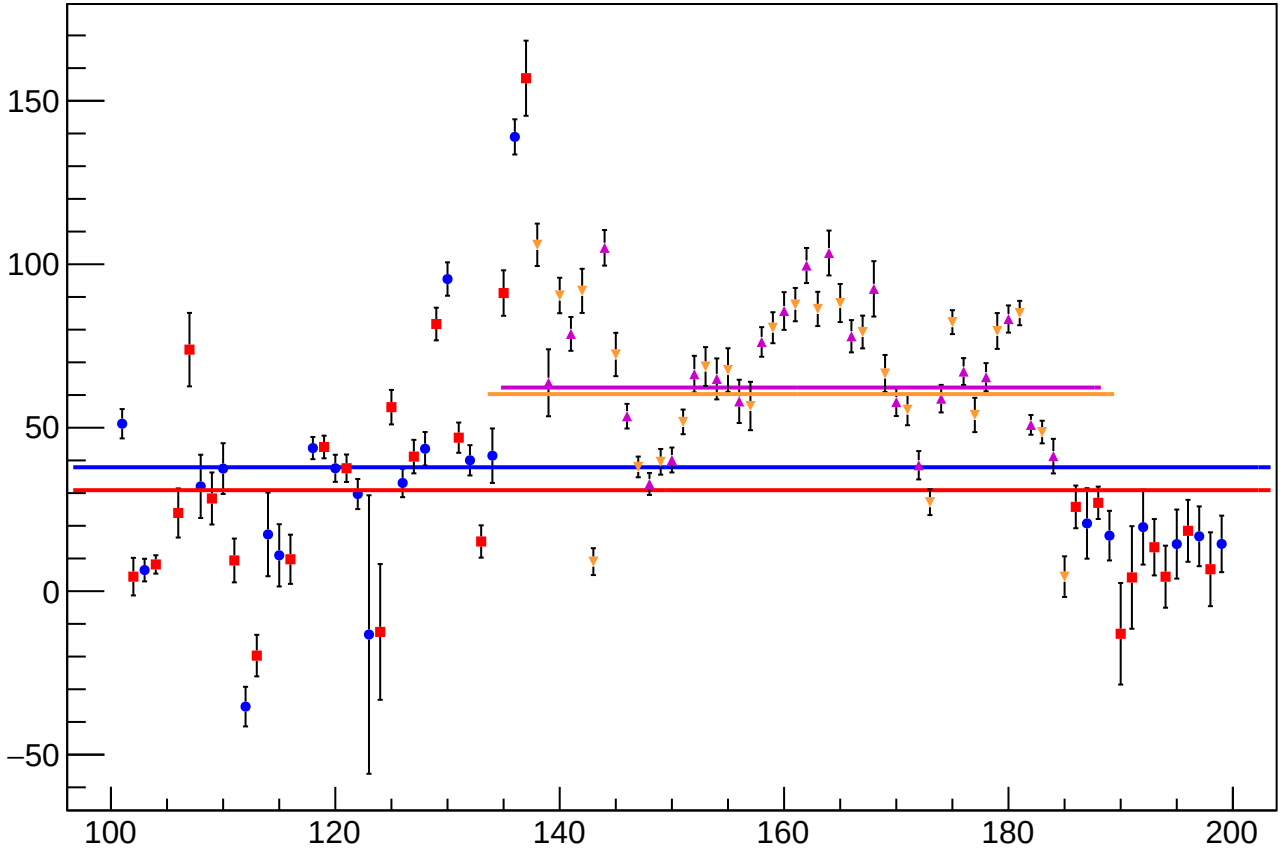
Right: 209.332+/-0.889 χ^2/NDF: 18289.7/48

In: 199.755+/-0.860 χ^2/NDF:12208.6/45

Out: 201.119+/-0.779 χ^2/NDF:17527.3/50

All: 200.504+/-0.577 χ^2/NDF: 29737.2/96

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.905+/-1.204 χ^2/NDF: 768.5/22

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 30.894+/-1.154 χ^2/NDF: 583.7/25

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

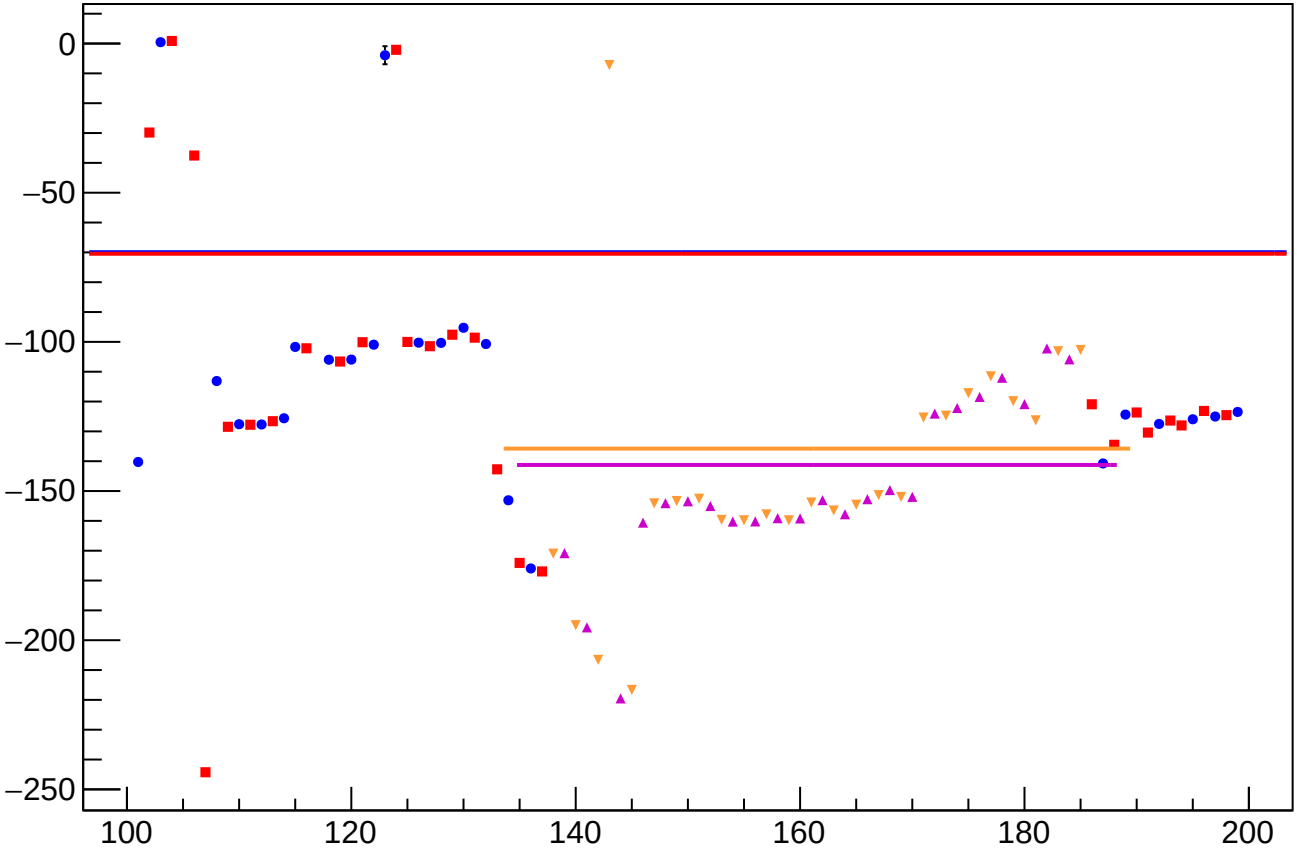
Right: 34.251+/-0.833 χ^2/NDF: 1369.9/48

In: 52.673+/-0.756 χ^2/NDF:1428.8/45

Out: 48.483+/-0.731 χ^2/NDF:1687.0/50

All: 50.508+/-0.525 χ^2/NDF: 3131.7/96

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -69.948+/-0.056 χ^2/NDF: 1316438.0/22

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -70.456+/-0.053 χ^2/NDF: 1315707.0/25

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

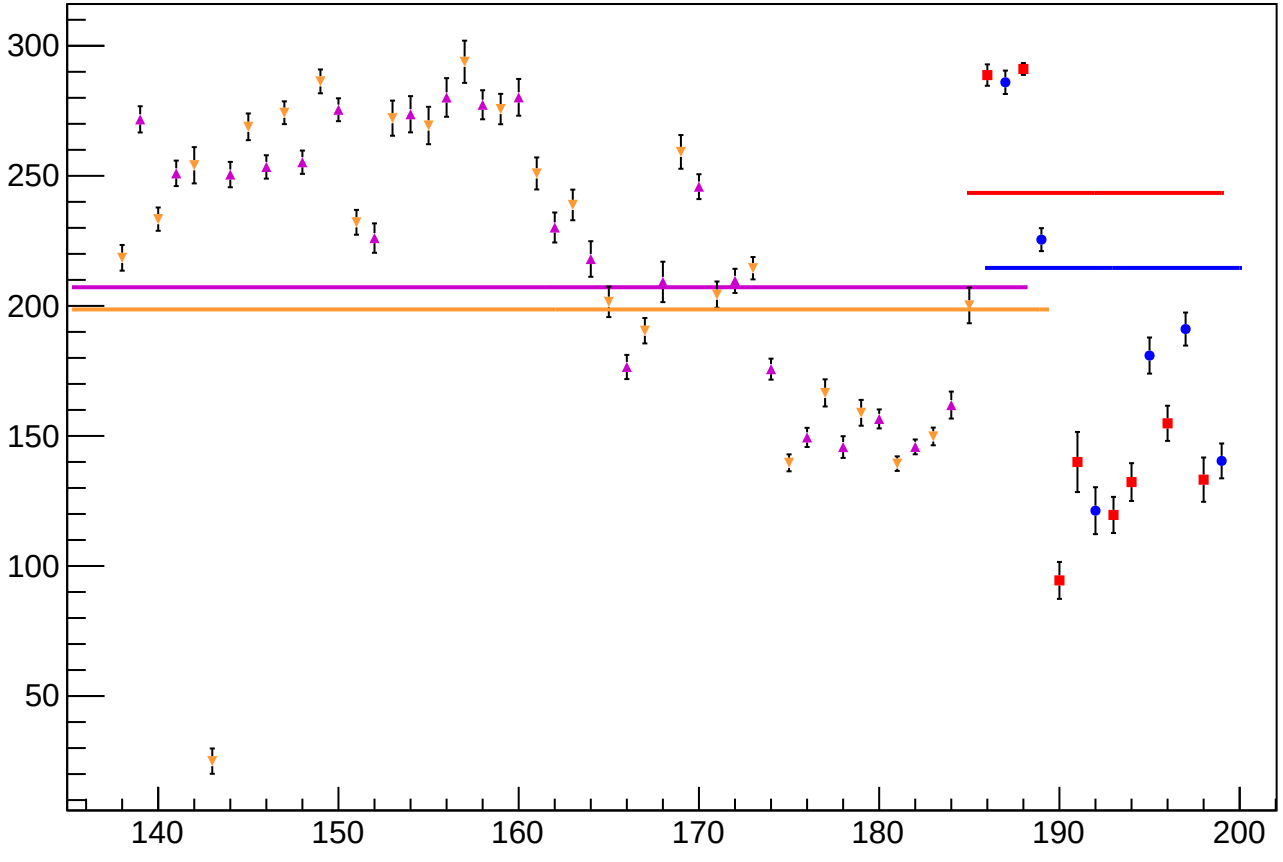
Right: -70.214+/-0.039 χ^2/NDF: 2632188.1/48

In: -113.164+/-0.035 χ^2/NDF:2651195.3/45

Out: -108.866+/-0.034 χ^2/NDF:2938517.0/50

All: -110.962+/-0.025 χ^2/NDF: 5597389.6/96

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 214.603+/-2.352 χ^2/NDF: 524.8/5

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 243.437+/-1.680 χ^2/NDF: 1969.7/7

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

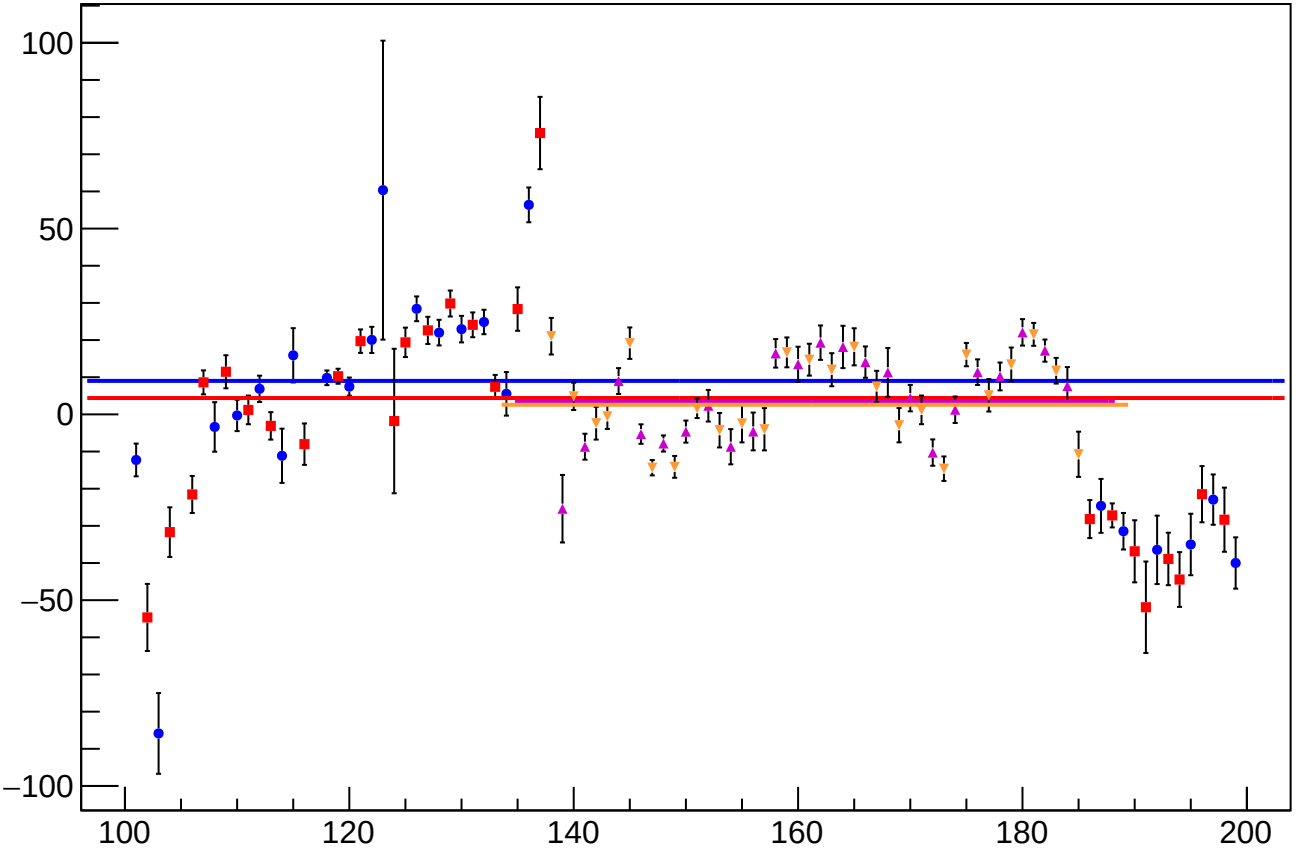
Right: 233.696+/-1.367 χ^2/NDF: 2594.1/13

In: 208.282+/-0.909 χ^2/NDF:3164.9/28

Out: 209.772+/-0.838 χ^2/NDF:6650.7/32

All: 209.088+/-0.616 χ^2/NDF: 9817.0/61

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.013+/-0.873 χ^2/NDF: 532.7/22

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 4.402+/-0.841 χ^2/NDF: 632.1/25

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

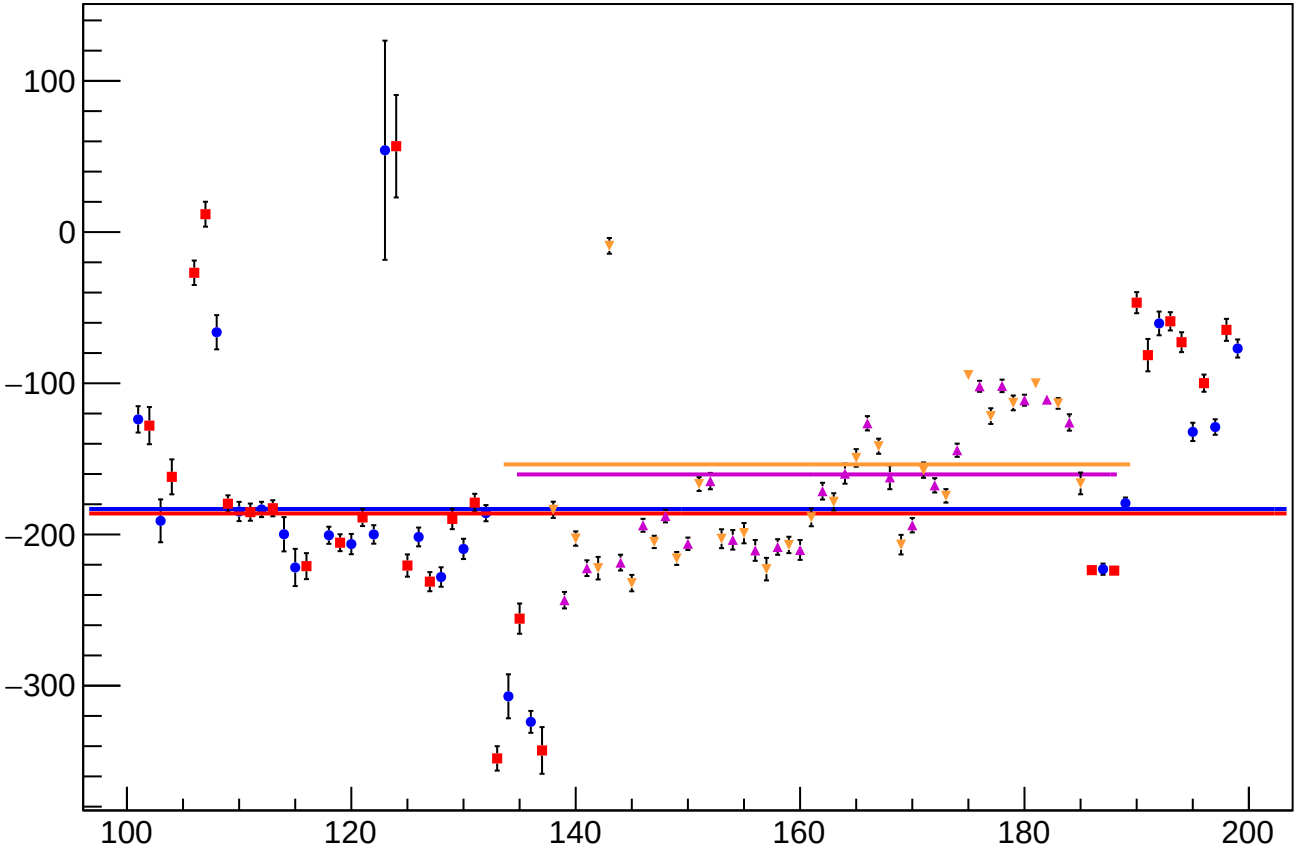
Right: 6.622+/-0.606 χ^2/NDF: 1179.3/48

In: 5.907+/-0.578 χ^2/NDF:749.9/45

Out: 3.388+/-0.557 χ^2/NDF:909.0/50

All: 4.601+/-0.401 χ^2/NDF: 1668.8/96

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -183.136+/-1.325 χ^2/NDF: 1587.0/22

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -186.094+/-1.076 χ^2/NDF: 3995.7/25

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

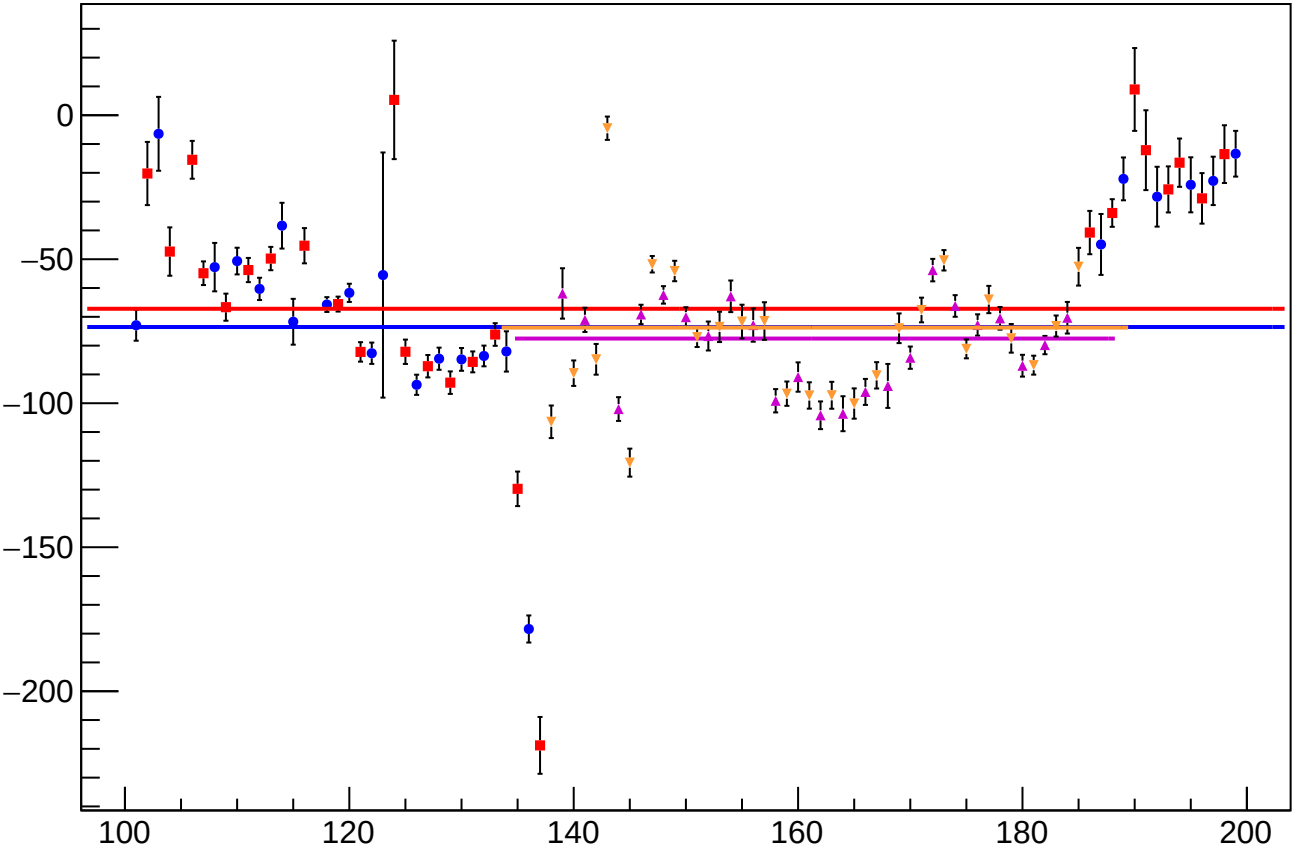
Right: -184.918+/-0.836 χ^2/NDF: 5585.8/48

In: -168.412+/-0.791 χ^2/NDF:3828.1/45

Out: -168.185+/-0.721 χ^2/NDF:7428.0/50

All: -168.288+/-0.533 χ^2/NDF: 11256.2/96

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.539+/-1.022 χ^2/NDF: 869.5/22

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -67.205+/-0.989 χ^2/NDF: 841.9/25

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

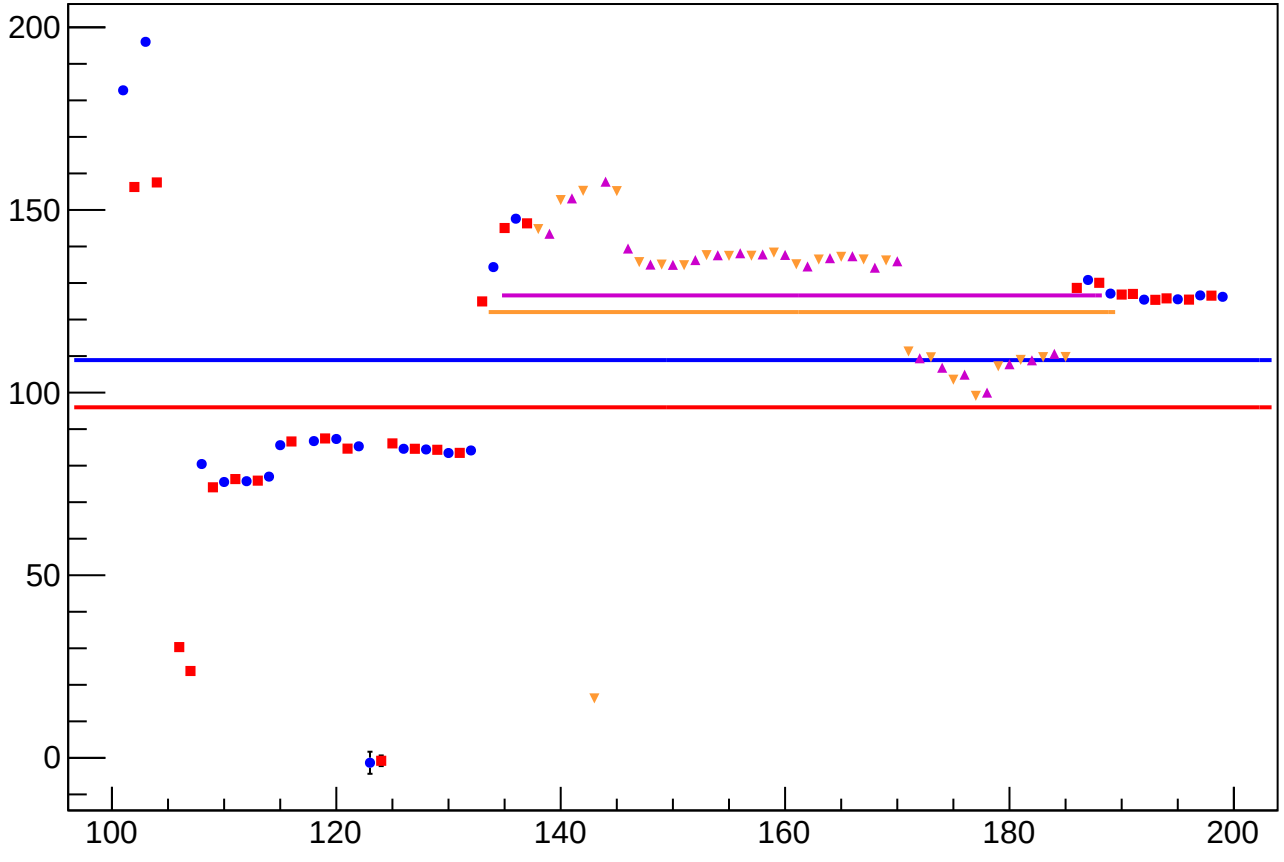
Right: -70.268+/-0.711 χ^2/NDF: 1731.2/48

In: -75.839+/-0.667 χ^2/NDF:1131.1/45

Out: -70.946+/-0.647 χ^2/NDF:1595.2/50

All: -73.317+/-0.464 χ^2/NDF: 2754.0/96

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.896+/-0.061 χ^2/NDF: 300440.2/22

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 95.975+/-0.055 χ^2/NDF: 529855.6/25

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

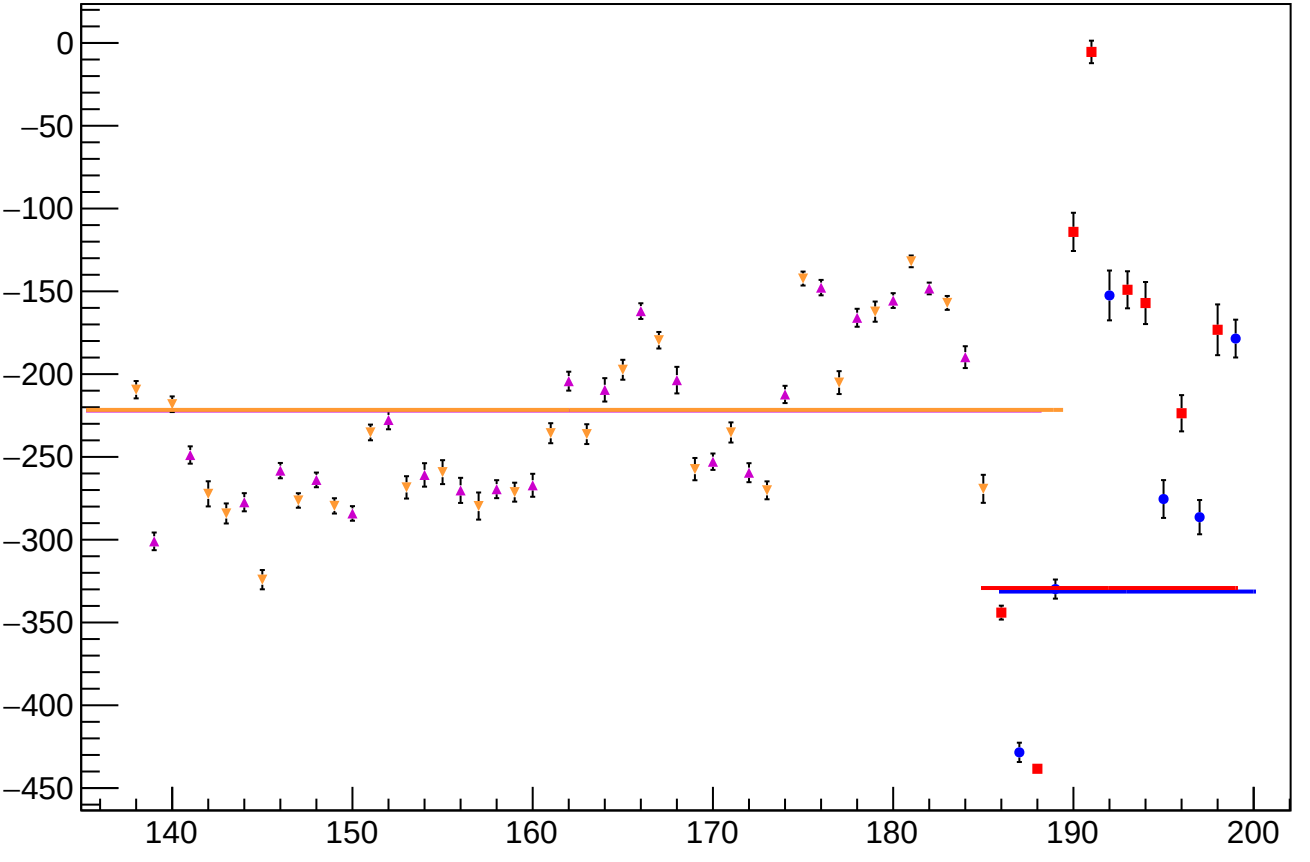
Right: 101.718+/-0.041 χ^2/NDF: 855158.2/48

In: 121.124+/-0.034 χ^2/NDF:523251.2/45

Out: 112.819+/-0.032 χ^2/NDF:1115000.2/50

All: 116.787+/-0.023 χ^2/NDF: 1669448.0/96

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -331.320+/-3.361 χ^2/NDF: 640.5/5

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -329.182+/-2.128 χ^2/NDF: 4559.8/7

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

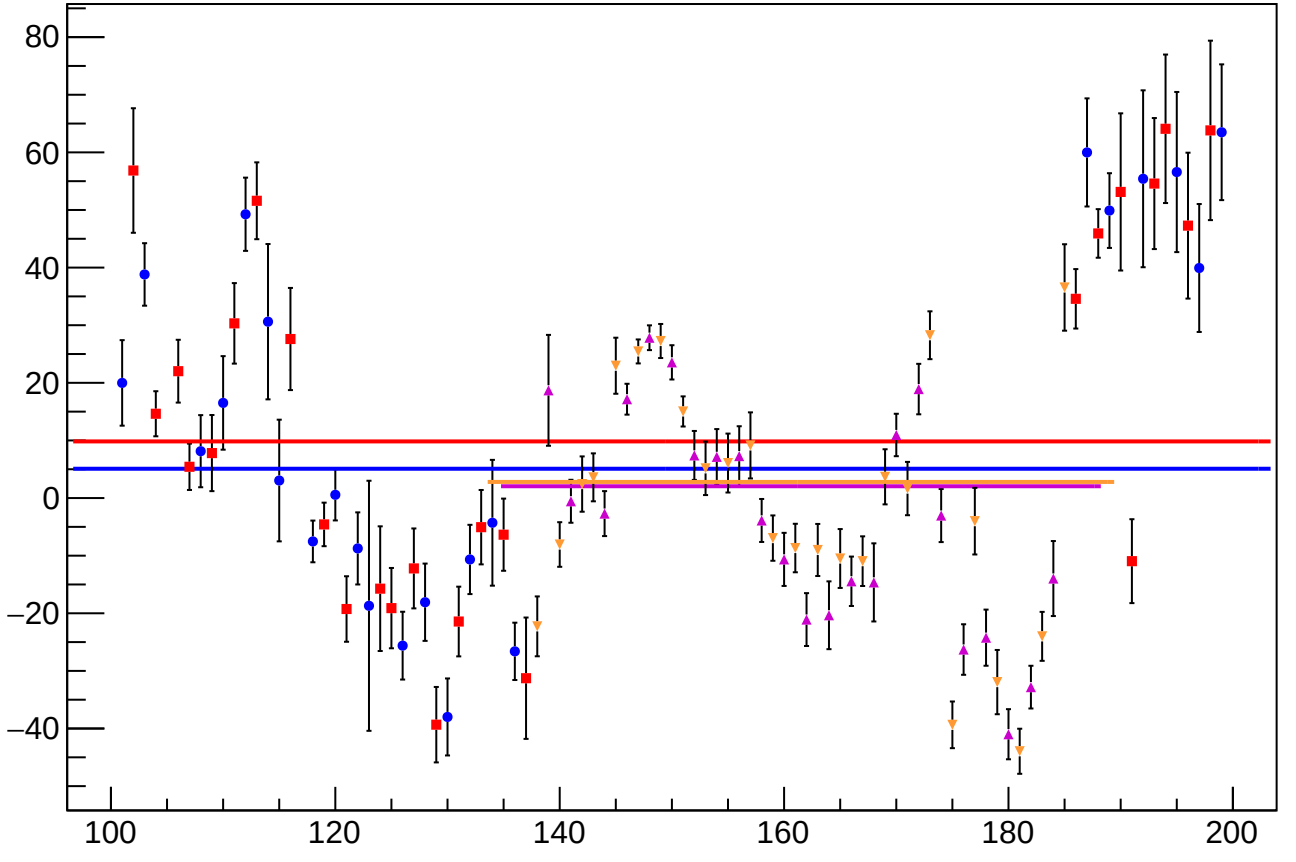
Right: -329.794+/-1.798 χ^2/NDF: 5200.6/13

In: -232.527+/-1.044 χ^2/NDF:3787.5/28

Out: -243.882+/-0.968 χ^2/NDF:9152.7/32

All: -238.631+/-0.710 χ^2/NDF: 13003.8/61

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.087+/-1.419 χ^2/NDF: 385.9/22

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 9.831+/-1.240 χ^2/NDF: 431.0/25

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

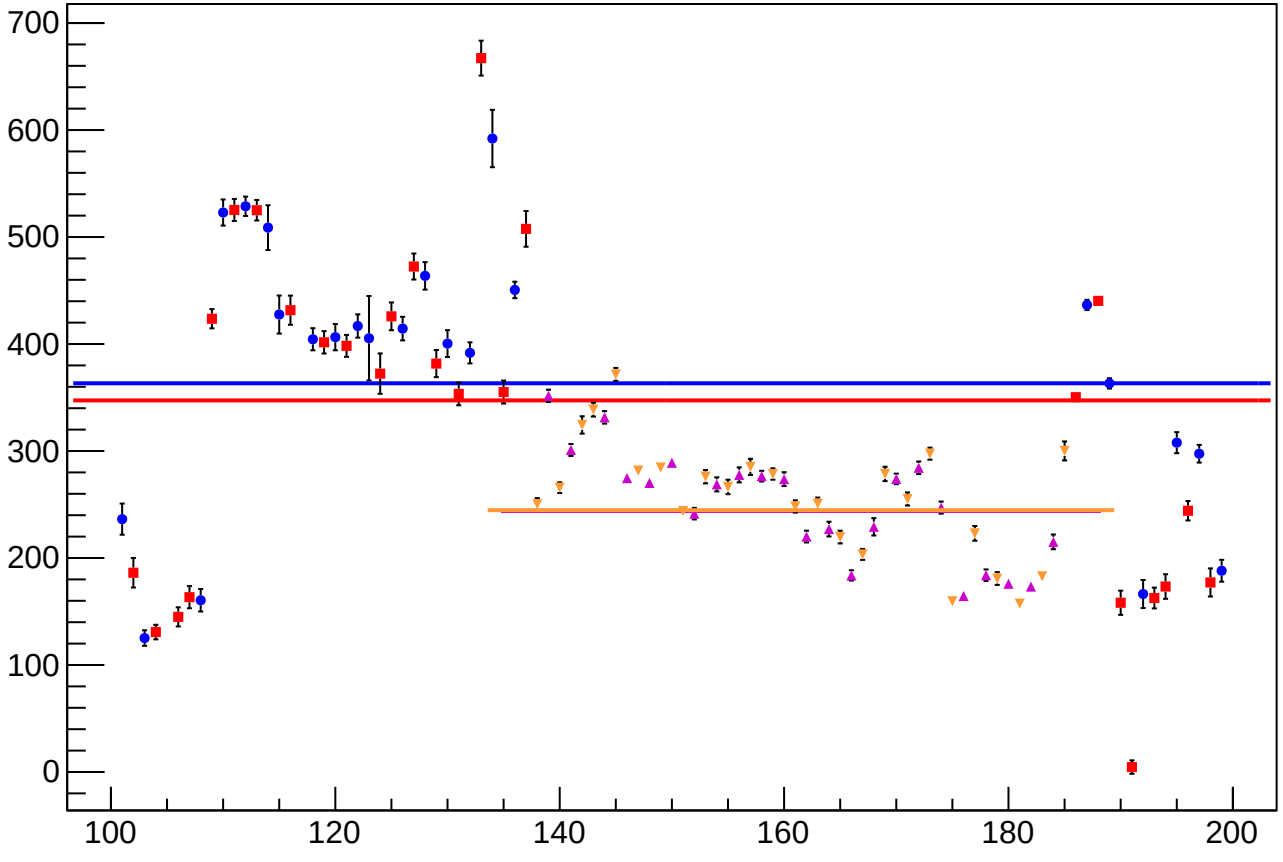
Right: 7.777+/-0.934 χ^2/NDF: 823.2/48

In: 2.828+/-0.718 χ^2/NDF:981.9/45

Out: 4.900+/-0.678 χ^2/NDF:1139.1/50

All: 3.924+/-0.493 χ^2/NDF: 2125.4/96

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 363.299+/-1.969 χ^2/NDF: 3293.1/22

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 347.302+/-1.447 χ^2/NDF: 8989.6/25

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

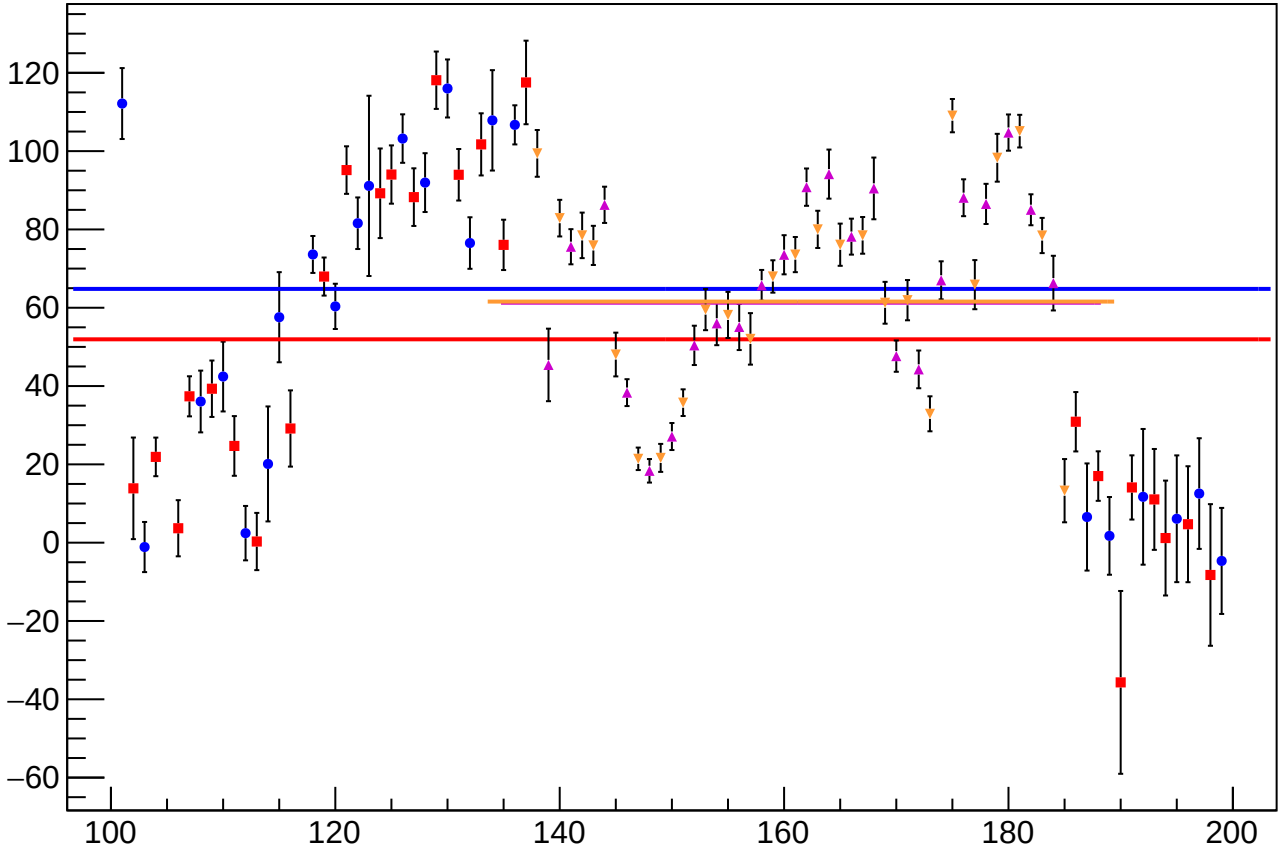
Right: 352.910+/-1.166 χ^2/NDF: 12325.5/48

In: 271.936+/-0.954 χ^2/NDF:8400.9/45

Out: 281.628+/-0.868 χ^2/NDF:14774.7/50

All: 277.238+/-0.642 χ^2/NDF: 23232.1/96

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 64.813+/-1.661 χ^2/NDF: 560.1/22

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 51.936+/-1.487 χ^2/NDF: 629.2/25

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

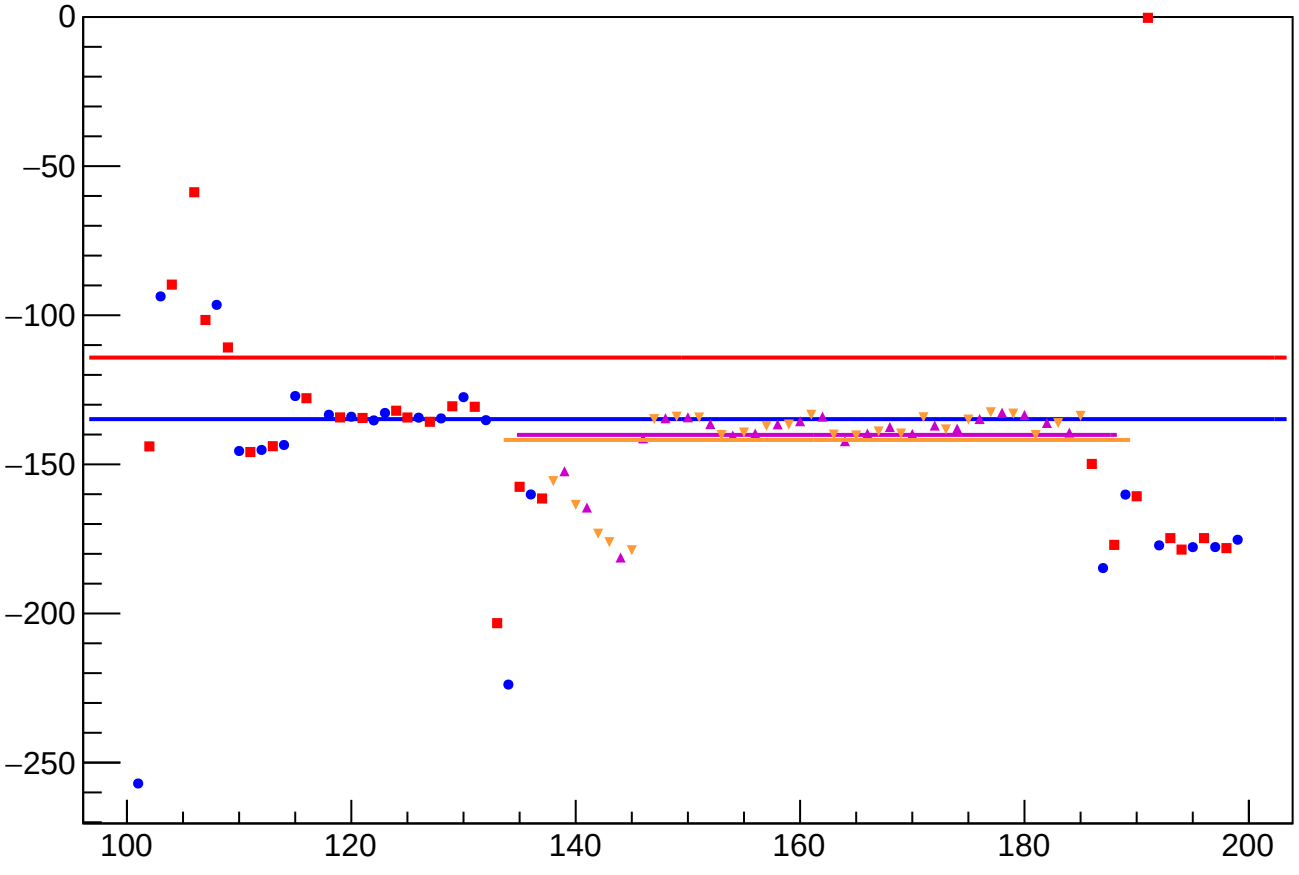
Right: 57.665+/-1.108 χ^2/NDF: 1222.7/48

In: 62.167+/-0.830 χ^2/NDF:1266.3/45

Out: 58.828+/-0.794 χ^2/NDF:1529.6/50

All: 60.423+/-0.574 χ^2/NDF: 2804.3/96

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.832+/-0.082 χ^2/NDF: 213624.6/22

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -114.193+/-0.071 χ^2/NDF: 537850.3/25

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

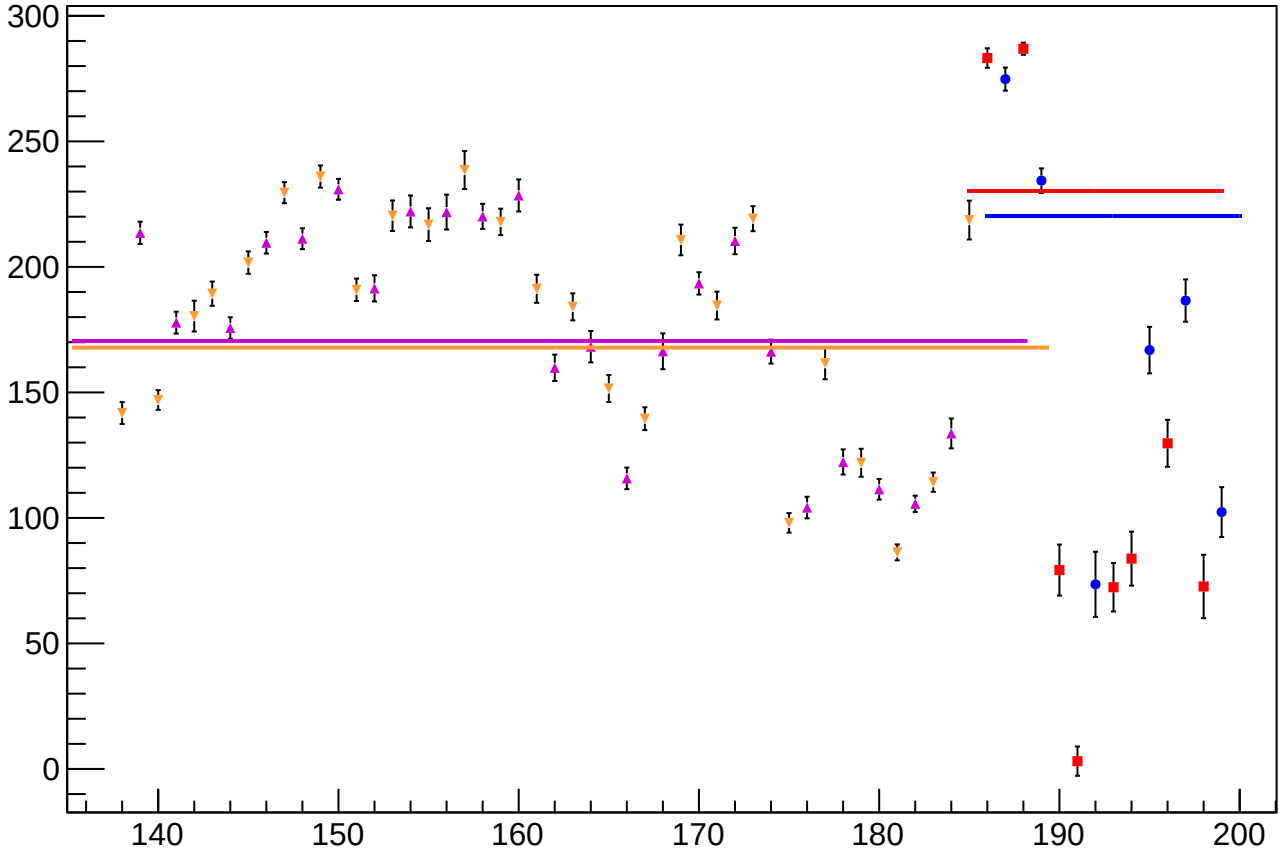
Right: -123.056+/-0.054 χ^2/NDF: 787865.8/48

In: -138.891+/-0.039 χ^2/NDF:265233.8/45

Out: -133.928+/-0.038 χ^2/NDF:724010.3/50

All: -136.318+/-0.027 χ^2/NDF: 997508.3/96

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 220.262+/-2.764 χ^2/NDF: 467.2/5

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 230.237+/-1.783 χ^2/NDF: 3205.0/7

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

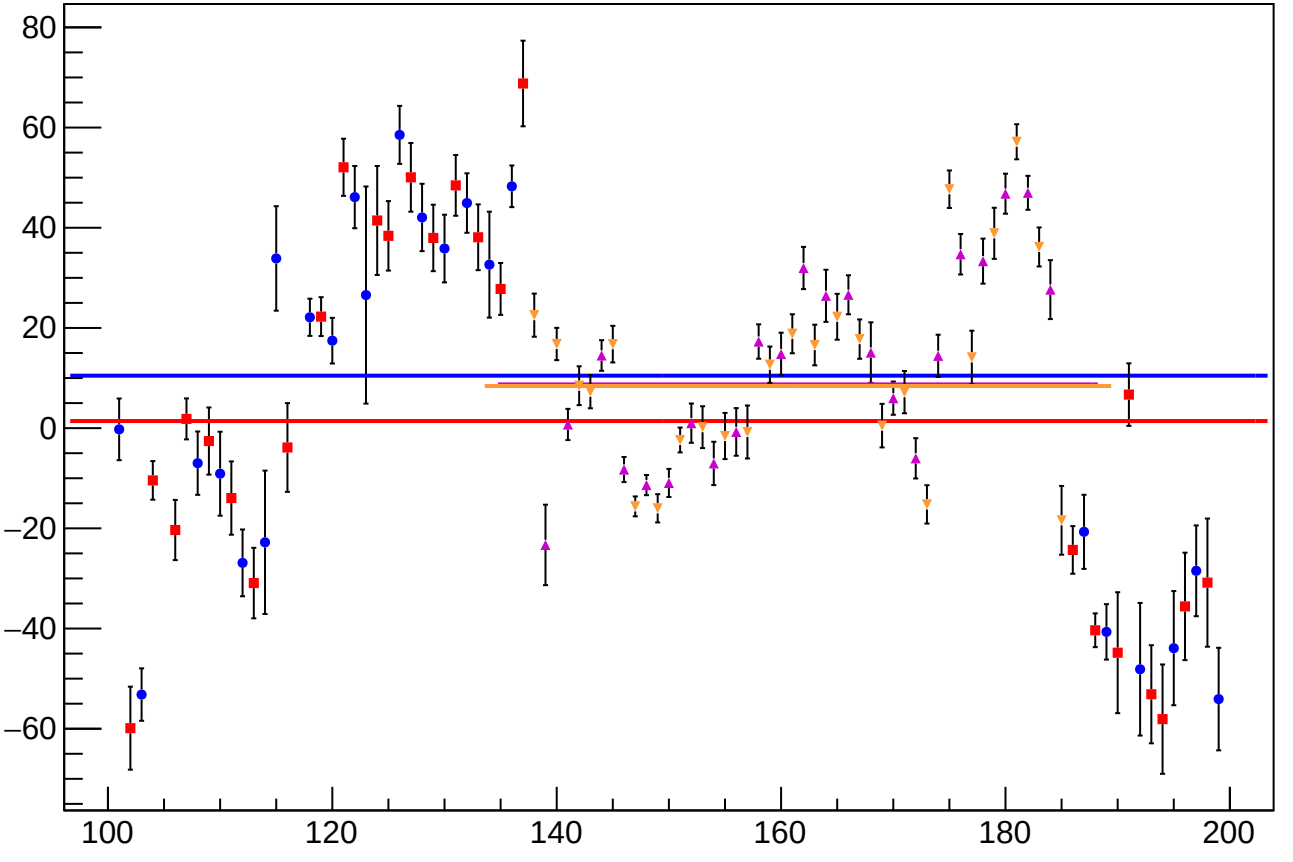
Right: 227.307+/-1.498 χ^2/NDF: 3681.4/13

In: 176.158+/-0.933 χ^2/NDF:2791.0/28

Out: 182.192+/-0.854 χ^2/NDF:6613.2/32

All: 179.440+/-0.630 χ^2/NDF: 9426.9/61

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.474+/-1.357 χ^2/NDF: 681.4/22

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 1.422+/-1.184 χ^2/NDF: 790.8/25

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

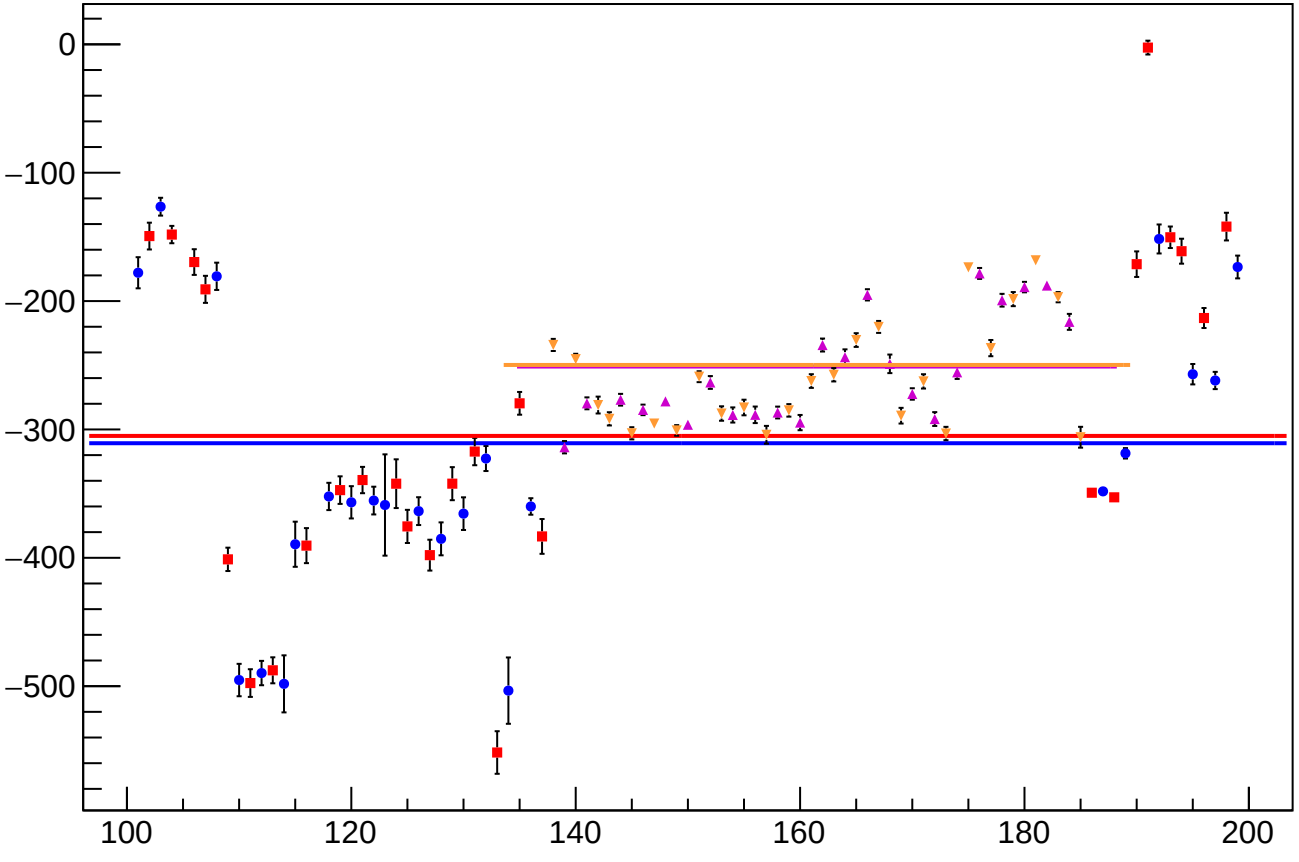
Right: 5.332+/-0.892 χ^2/NDF: 1497.4/48

In: 9.143+/-0.661 χ^2/NDF:1312.8/45

Out: 6.484+/-0.622 χ^2/NDF:1566.6/50

All: 7.733+/-0.453 χ^2/NDF: 2887.9/96

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -310.736+/-1.742 χ^2/NDF: 2513.4/22

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -305.041+/-1.268 χ^2/NDF: 7320.0/25

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

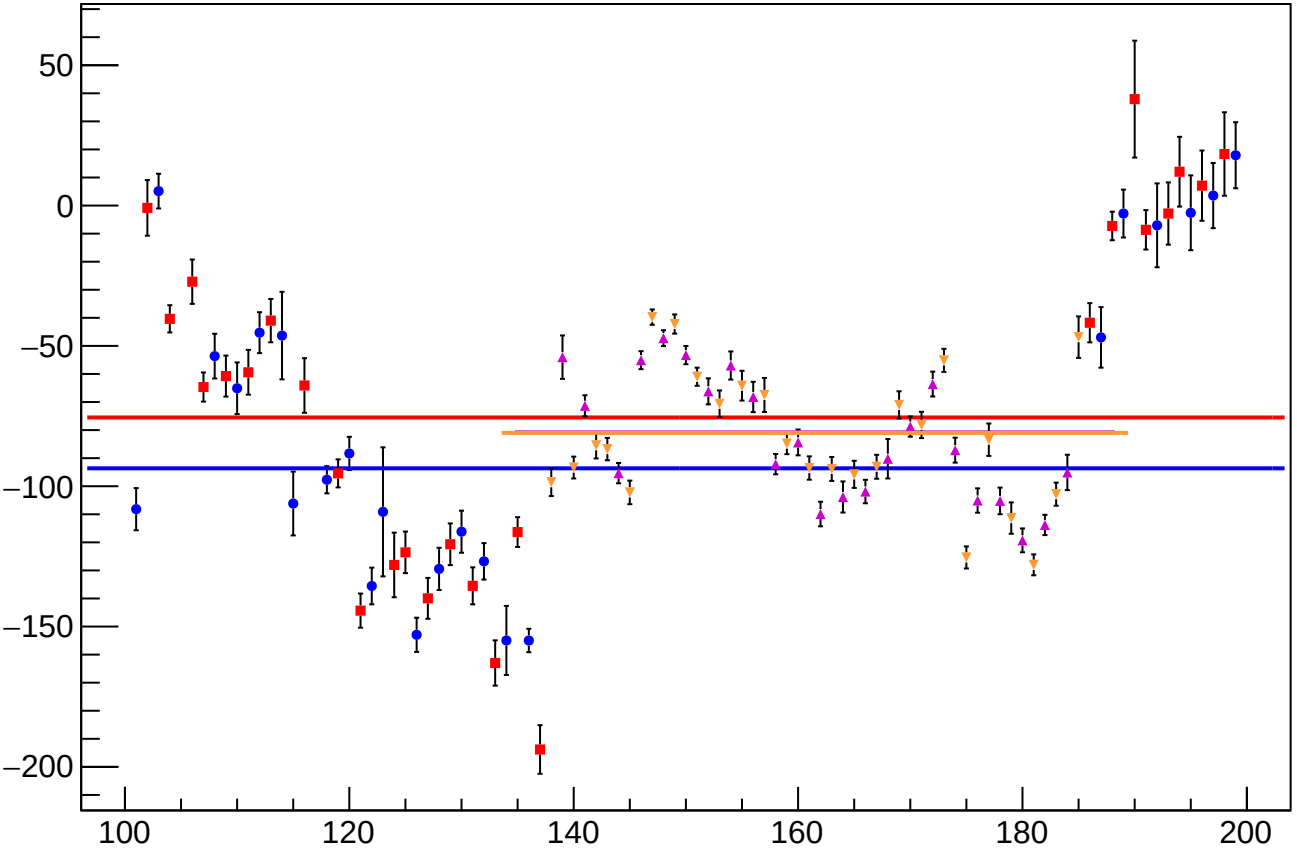
Right: -307.013+/-1.025 χ^2/NDF: 9840.4/48

In: -265.516+/-0.859 χ^2/NDF:5362.2/45

Out: -270.308+/-0.773 χ^2/NDF:10747.1/50

All: -268.162+/-0.574 χ^2/NDF: 16126.5/96

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -93.618+/-1.589 χ^2/NDF: 1157.5/22

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -75.499+/-1.426 χ^2/NDF: 1448.2/25

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

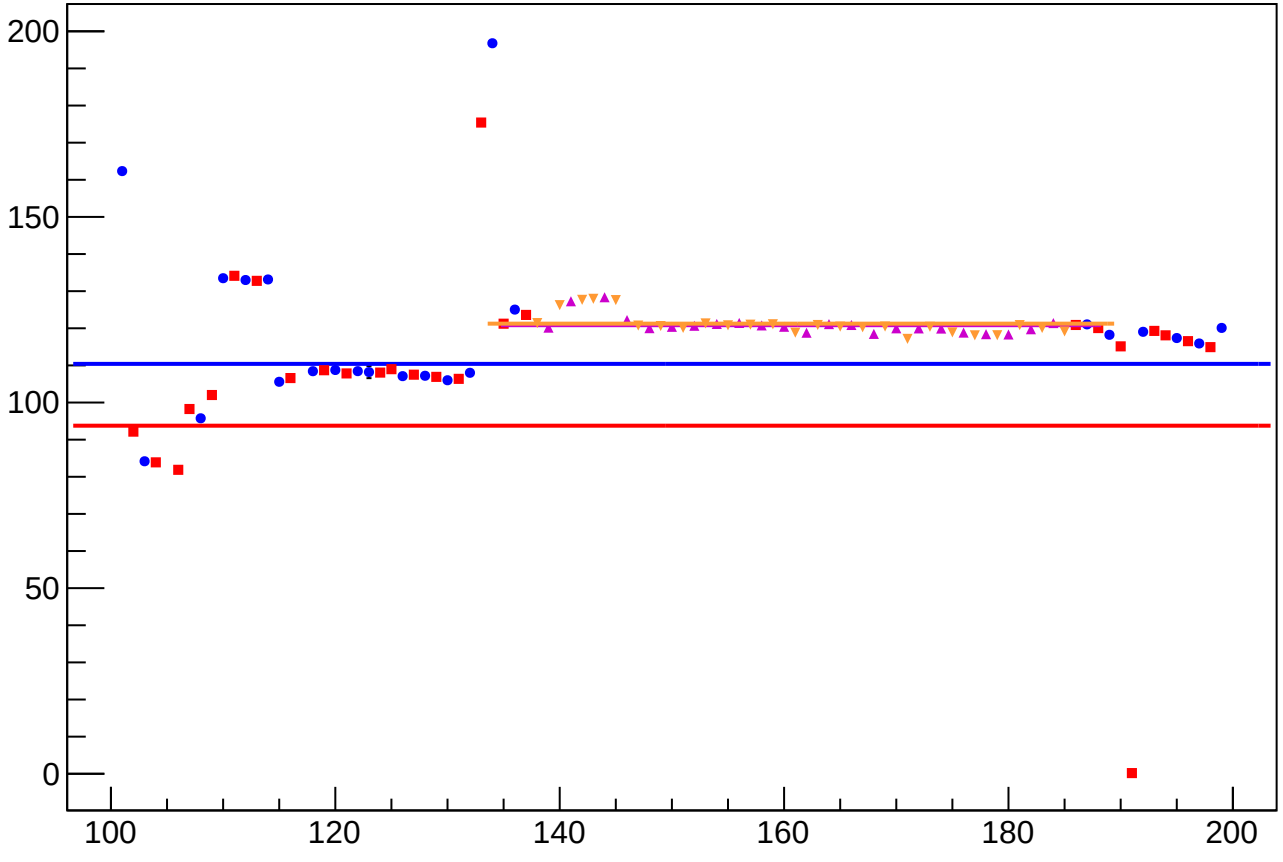
Right: -83.580+/-1.061 χ^2/NDF: 2677.7/48

In: -83.756+/-0.763 χ^2/NDF:1902.9/45

Out: -79.554+/-0.728 χ^2/NDF:2370.4/50

All: -81.556+/-0.527 χ^2/NDF: 4289.1/96

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.414+/-0.076 χ^2/NDF: 76119.6/22

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 93.763+/-0.066 χ^2/NDF: 330408.7/25

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

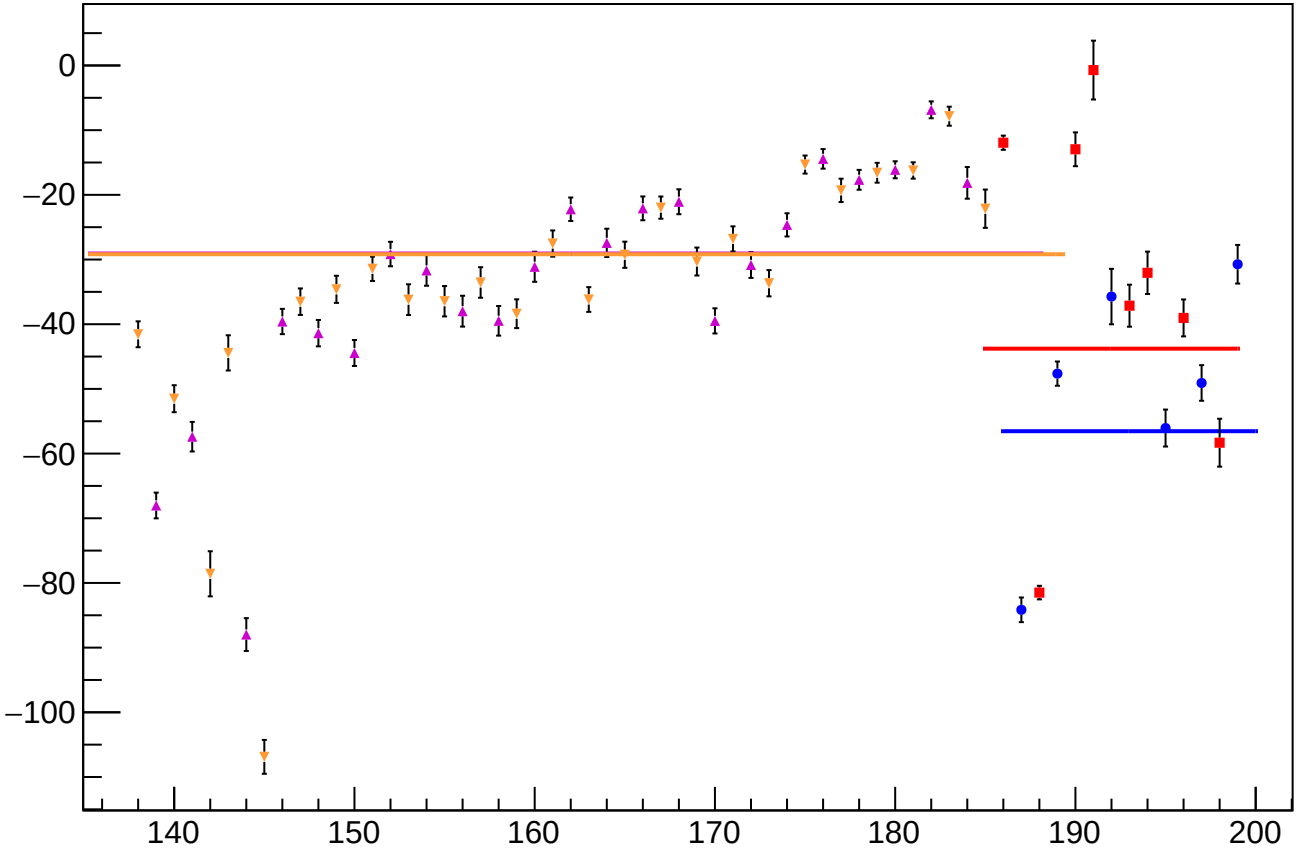
Right: 100.883+/-0.050 χ^2/NDF: 433991.6/48

In: 118.529+/-0.036 χ^2/NDF:94124.5/45

Out: 113.756+/-0.034 χ^2/NDF:462518.3/50

All: 116.044+/-0.025 χ^2/NDF: 565921.3/96

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -56.541+/-1.010 χ^2/NDF: 338.1/5

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -43.781+/-0.657 χ^2/NDF: 2396.6/7

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

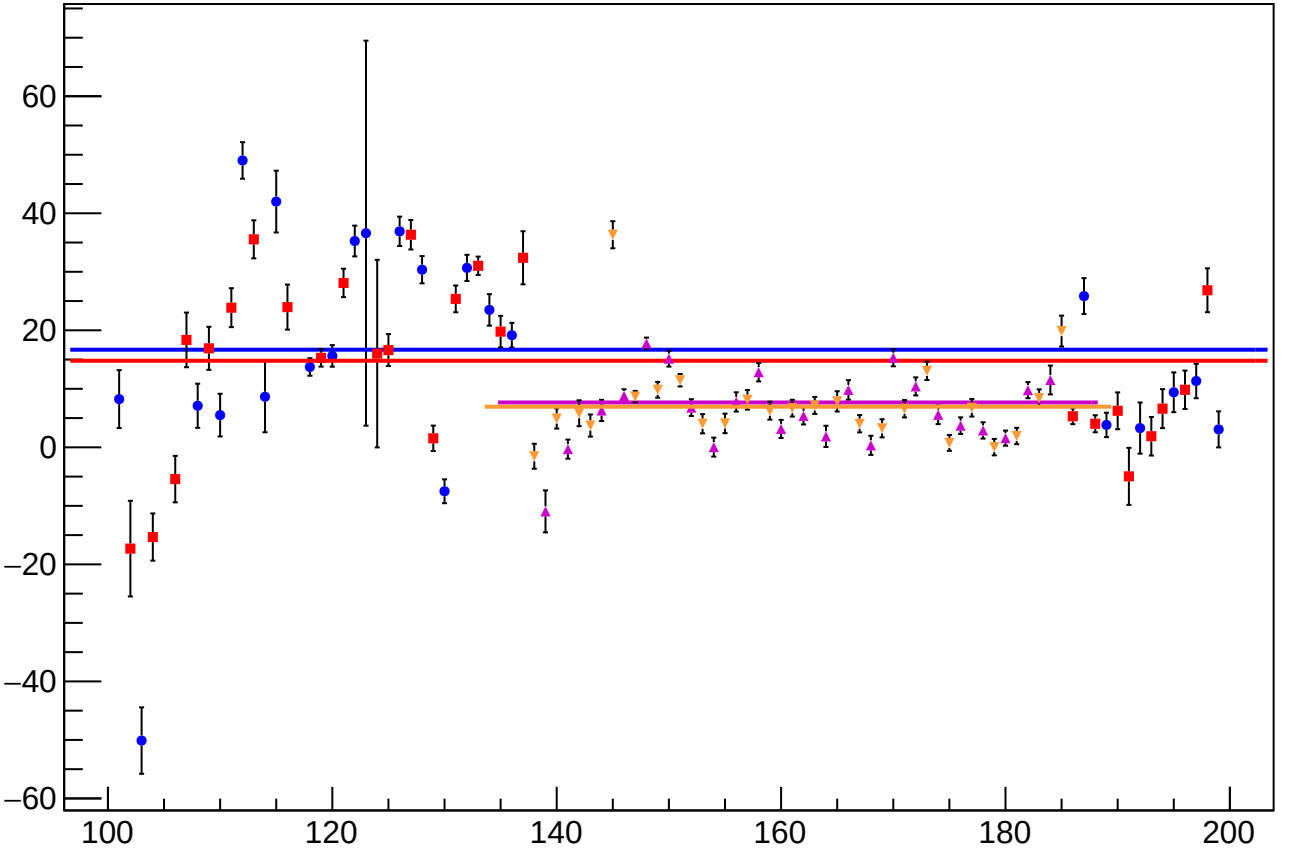
Right: -47.578+/-0.551 χ^2/NDF: 2846.9/13

In: -32.700+/-0.367 χ^2/NDF:2852.9/28

Out: -32.974+/-0.335 χ^2/NDF:4642.4/32

All: -32.849+/-0.247 χ^2/NDF: 7495.7/61

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.683+/-0.567 χ^2/NDF: 714.6/22

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 14.797+/-0.505 χ^2/NDF: 601.0/25

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

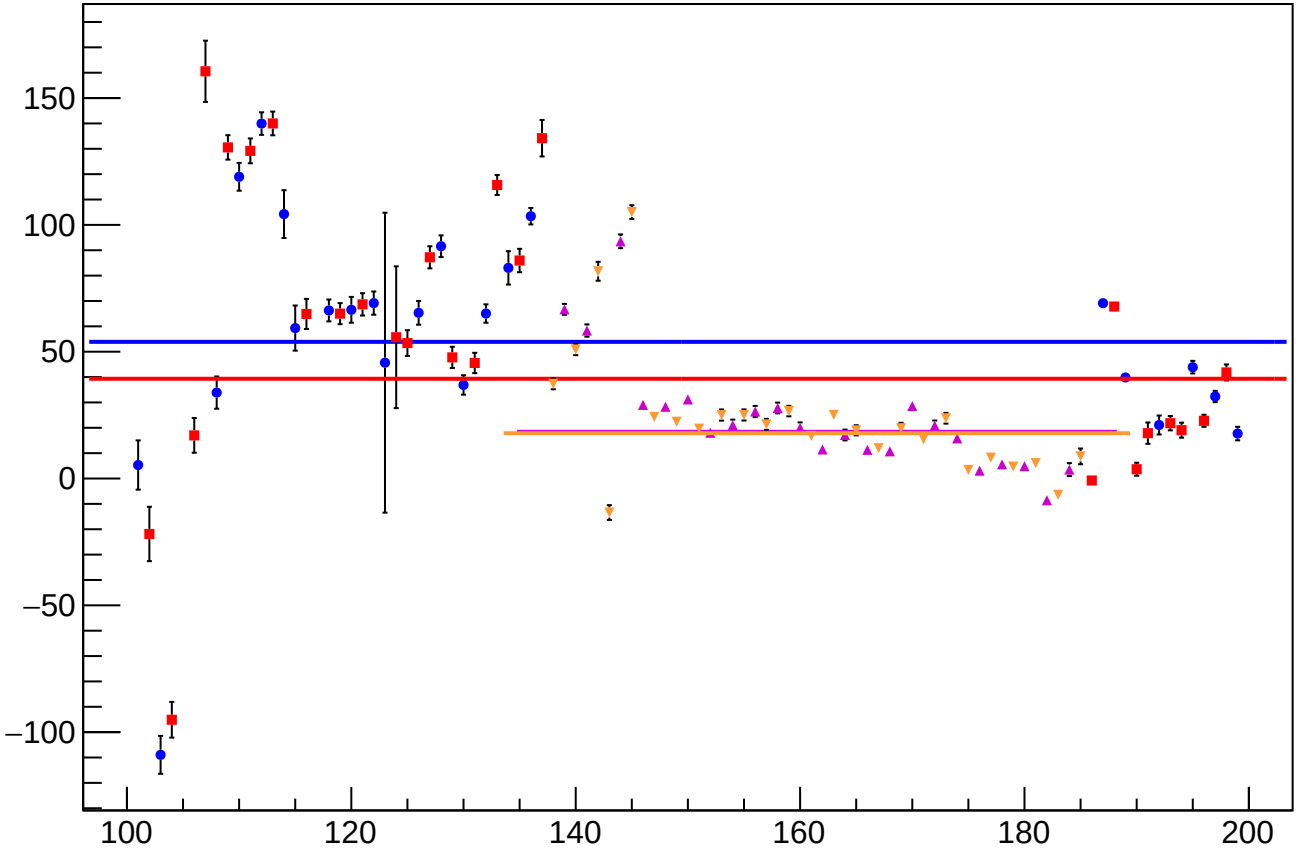
Right: 15.631+/-0.377 χ^2/NDF: 1321.8/48

In: 9.769+/-0.274 χ^2/NDF:1249.6/45

Out: 9.030+/-0.260 χ^2/NDF:1101.4/50

All: 9.381+/-0.189 χ^2/NDF: 2354.8/96

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.889+/-0.700 χ^2/NDF: 1987.4/22

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 39.330+/-0.494 χ^2/NDF: 6132.2/25

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

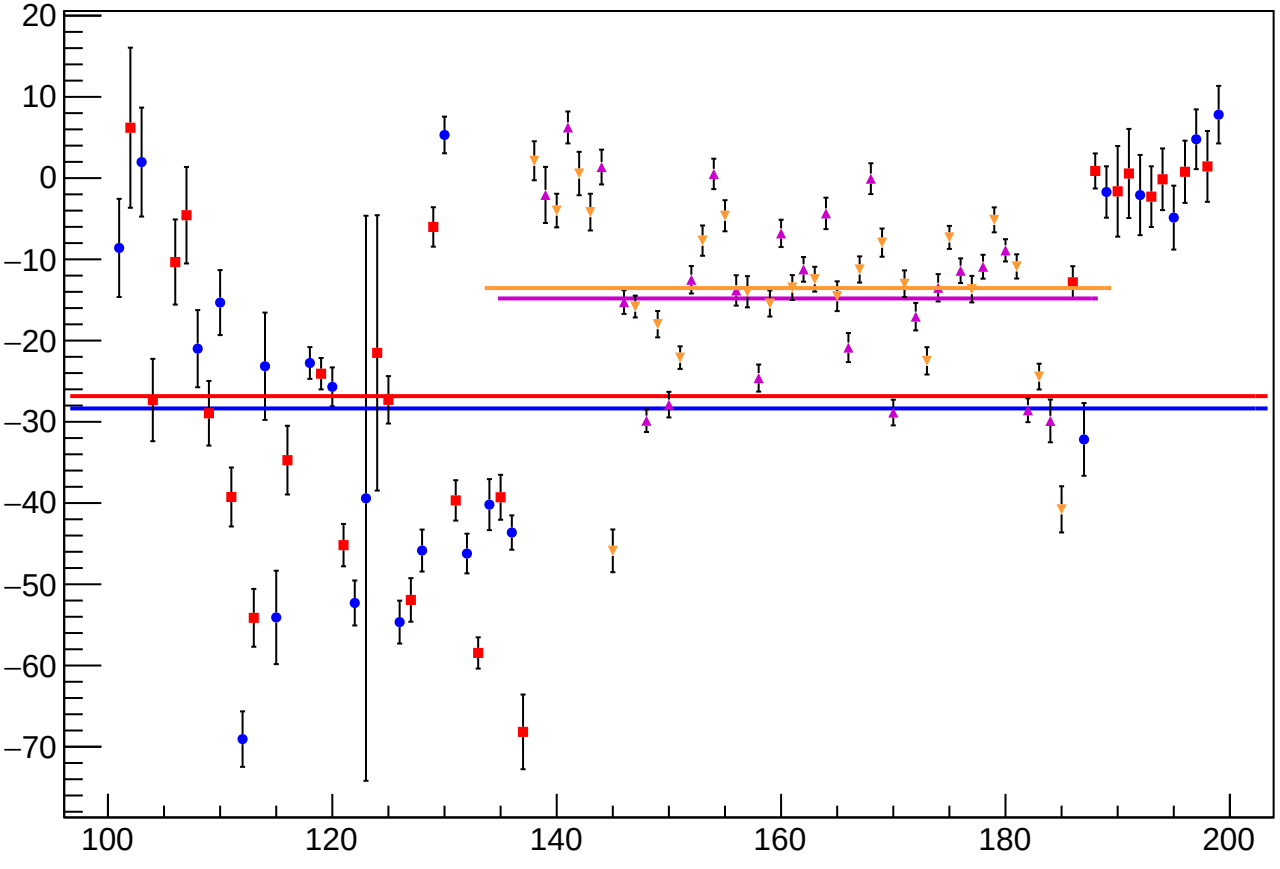
Right: 44.177+/-0.404 χ^2/NDF: 8408.3/48

In: 26.862+/-0.342 χ^2/NDF:6413.1/45

Out: 26.027+/-0.305 χ^2/NDF:9701.4/50

All: 26.398+/-0.228 χ^2/NDF: 16117.9/96

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.355+/-0.666 χ^2/NDF: 1099.4/22

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -26.839+/-0.616 χ^2/NDF: 1167.0/25

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

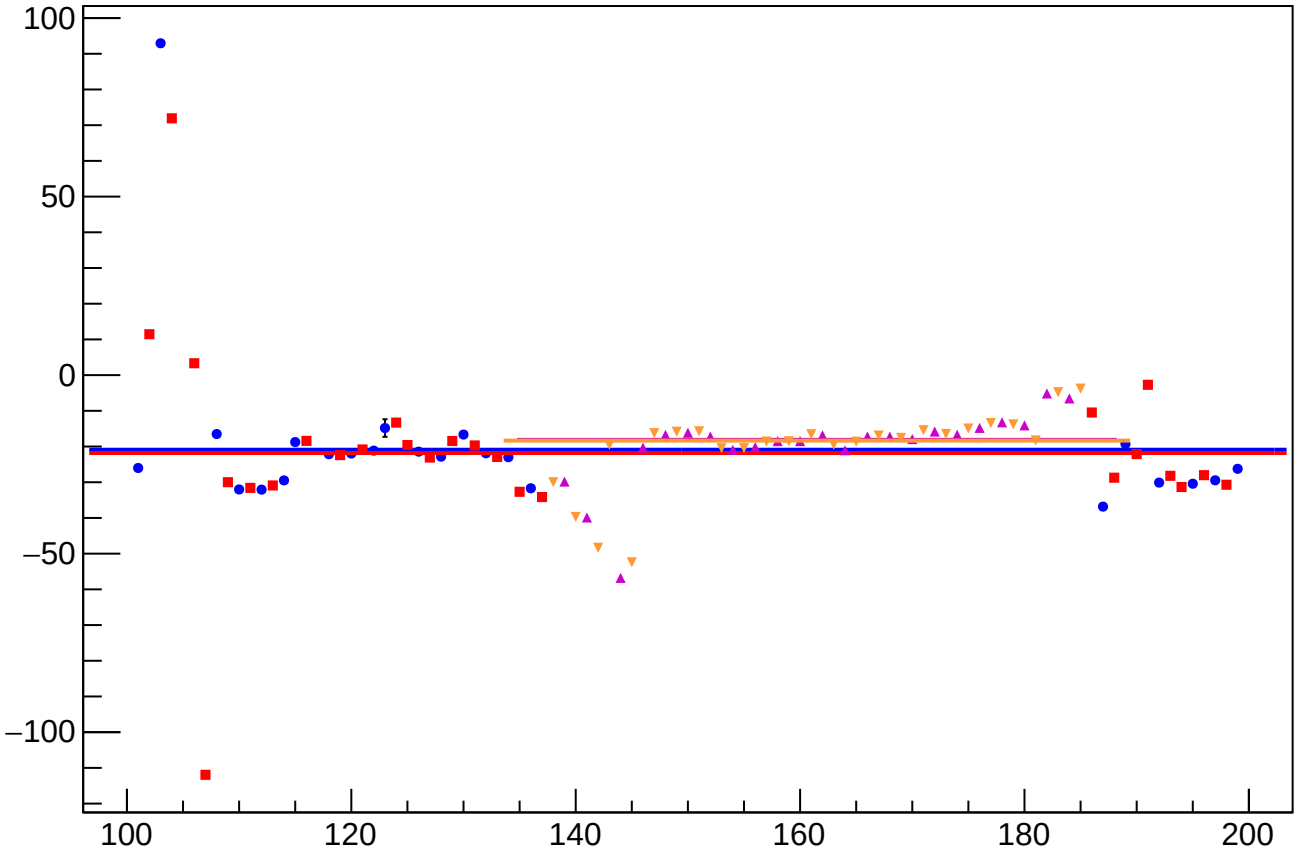
Right: -27.537+/-0.452 χ^2/NDF: 2269.2/48

In: -17.785+/-0.312 χ^2/NDF:2260.2/45

Out: -16.711+/-0.301 χ^2/NDF:2097.2/50

All: -17.228+/-0.217 χ^2/NDF: 4363.5/96

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.895+/-0.034 χ^2/NDF: 506060.1/22

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -21.808+/-0.032 χ^2/NDF: 482221.2/25

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

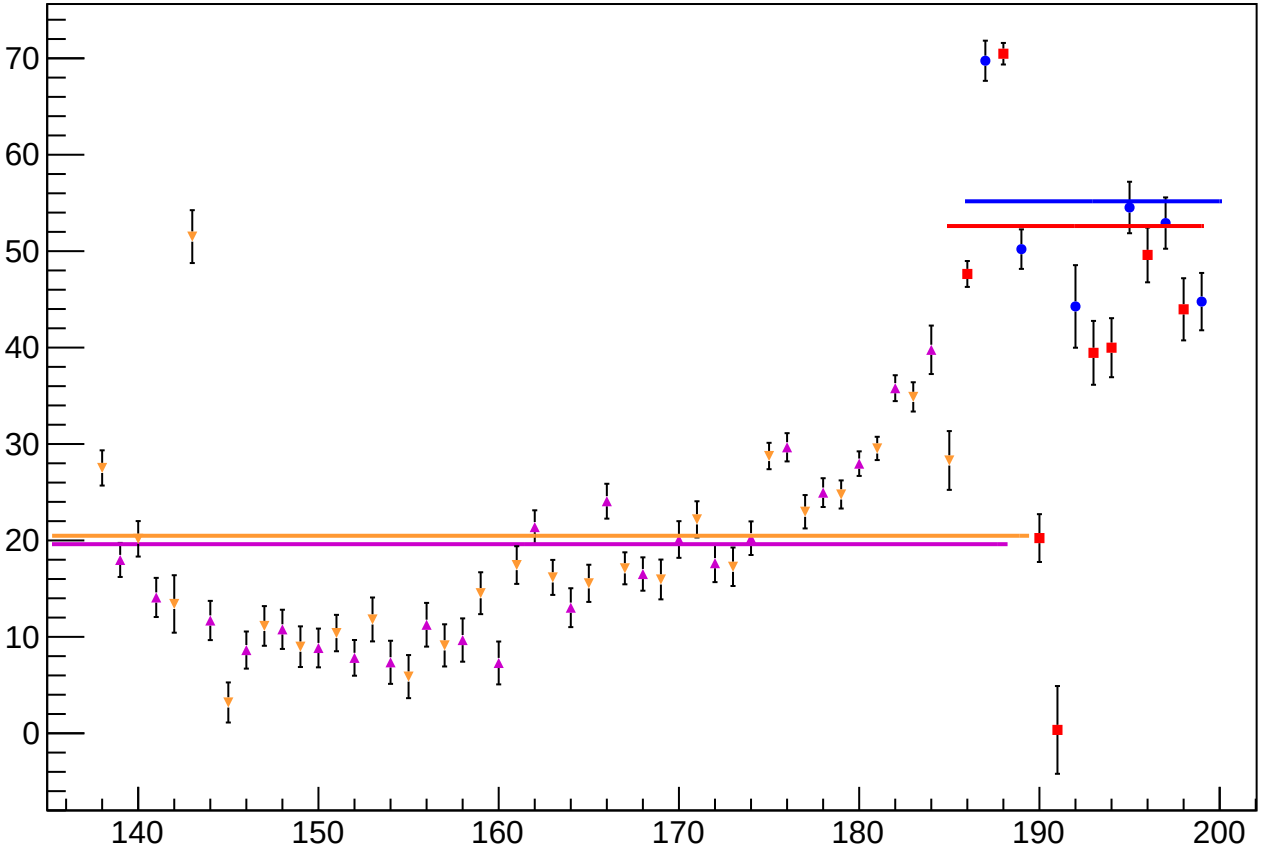
Right: -21.385+/-0.023 χ^2/NDF: 988662.0/48

In: -18.629+/-0.015 χ^2/NDF:757025.1/45

Out: -19.028+/-0.014 χ^2/NDF:775528.4/50

All: -18.833+/-0.010 χ^2/NDF: 1532938.9/96

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 55.171+/-1.044 χ^2/NDF: 74.4/5

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 52.606+/-0.710 χ^2/NDF: 612.2/7

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

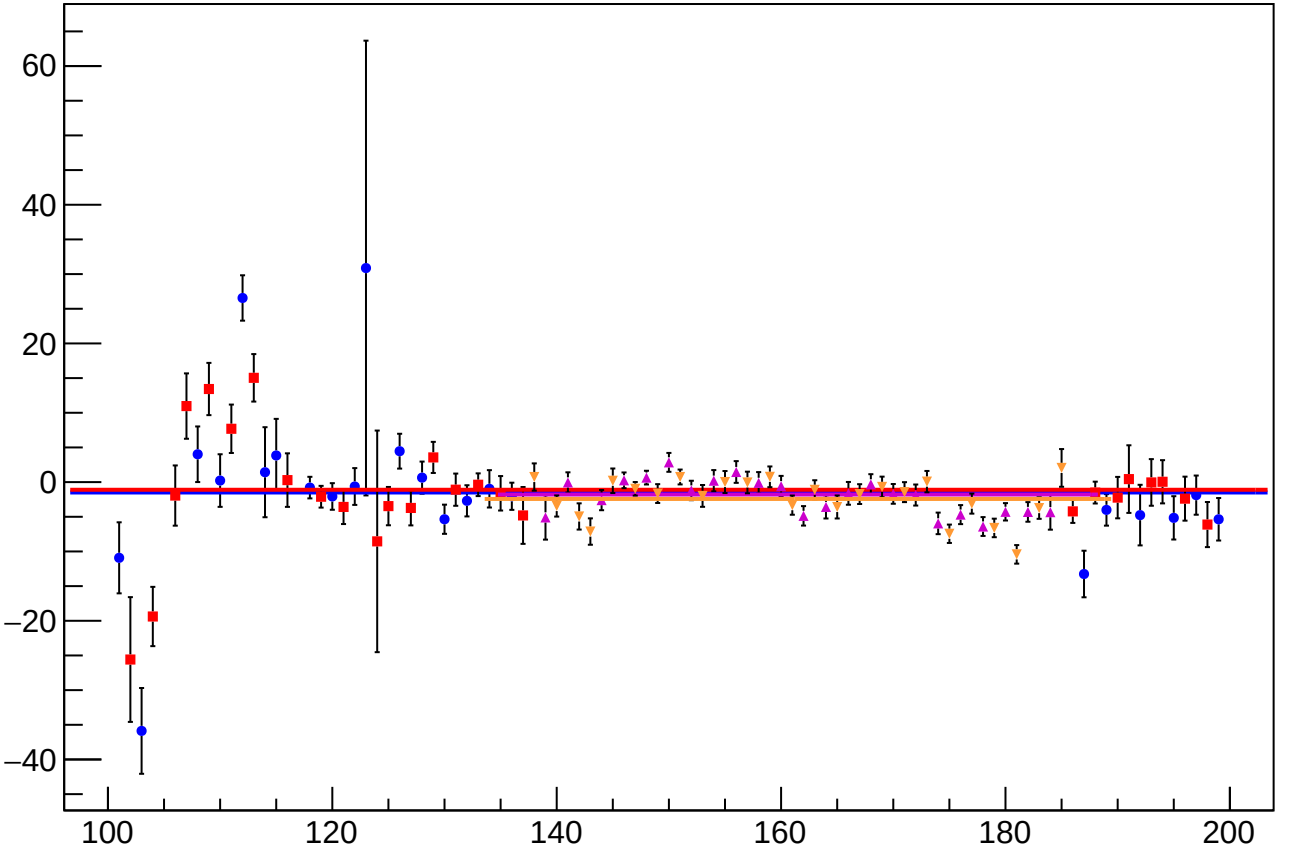
Right: 53.418+/-0.587 χ^2/NDF: 690.7/13

In: 23.747+/-0.356 χ^2/NDF:1672.6/28

Out: 27.448+/-0.331 χ^2/NDF:2830.1/32

All: 25.734+/-0.242 χ^2/NDF: 4560.7/61

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.495+/-0.576 χ^2/NDF: 139.7/22

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -1.104+/-0.526 χ^2/NDF: 91.3/25

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

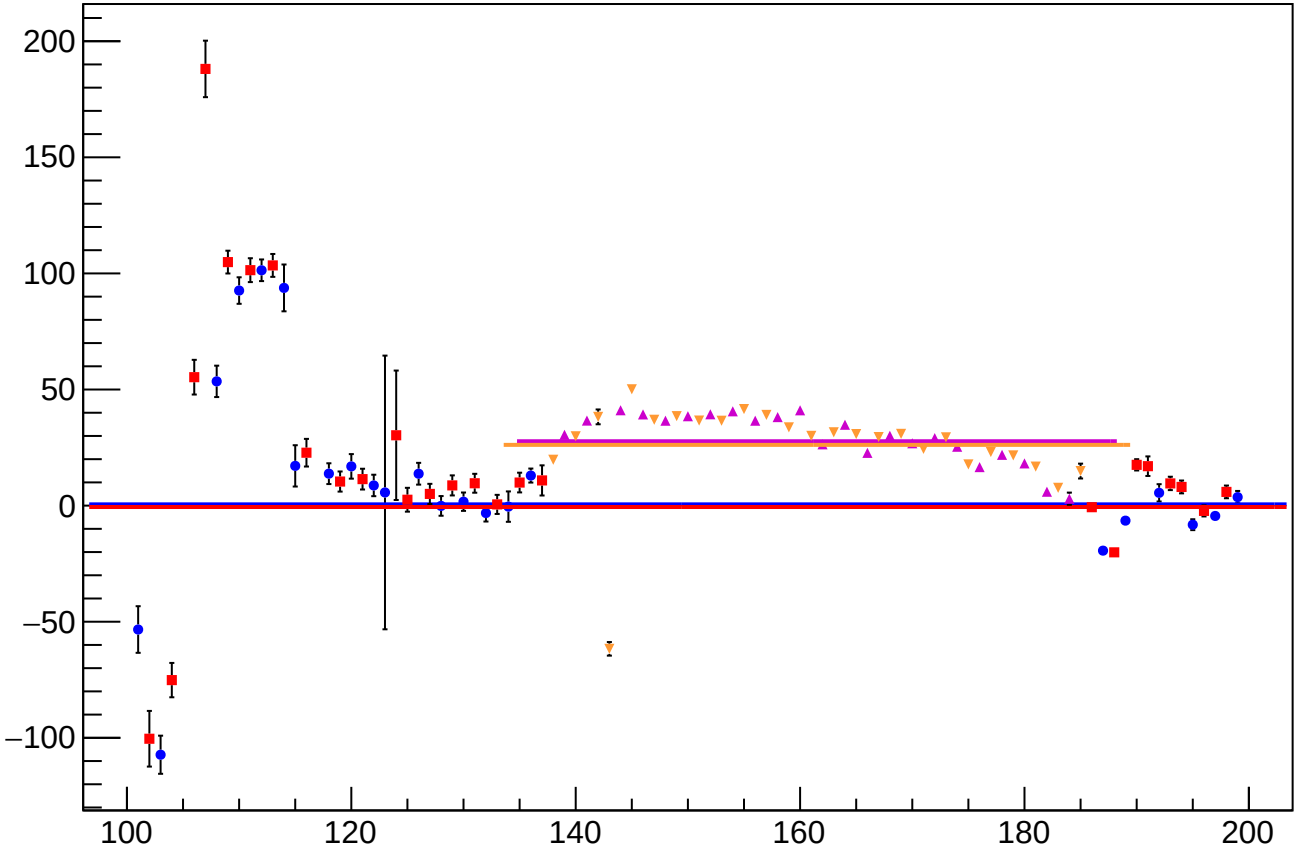
Right: -1.282+/-0.388 χ^2/NDF: 231.2/48

In: -1.728+/-0.267 χ^2/NDF:210.0/45

Out: -2.115+/-0.256 χ^2/NDF:199.9/50

All: -1.930+/-0.185 χ^2/NDF: 410.9/96

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.543+/-0.720 χ^2/NDF: 1300.8/22

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -0.595+/-0.533 χ^2/NDF: 2392.1/25

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

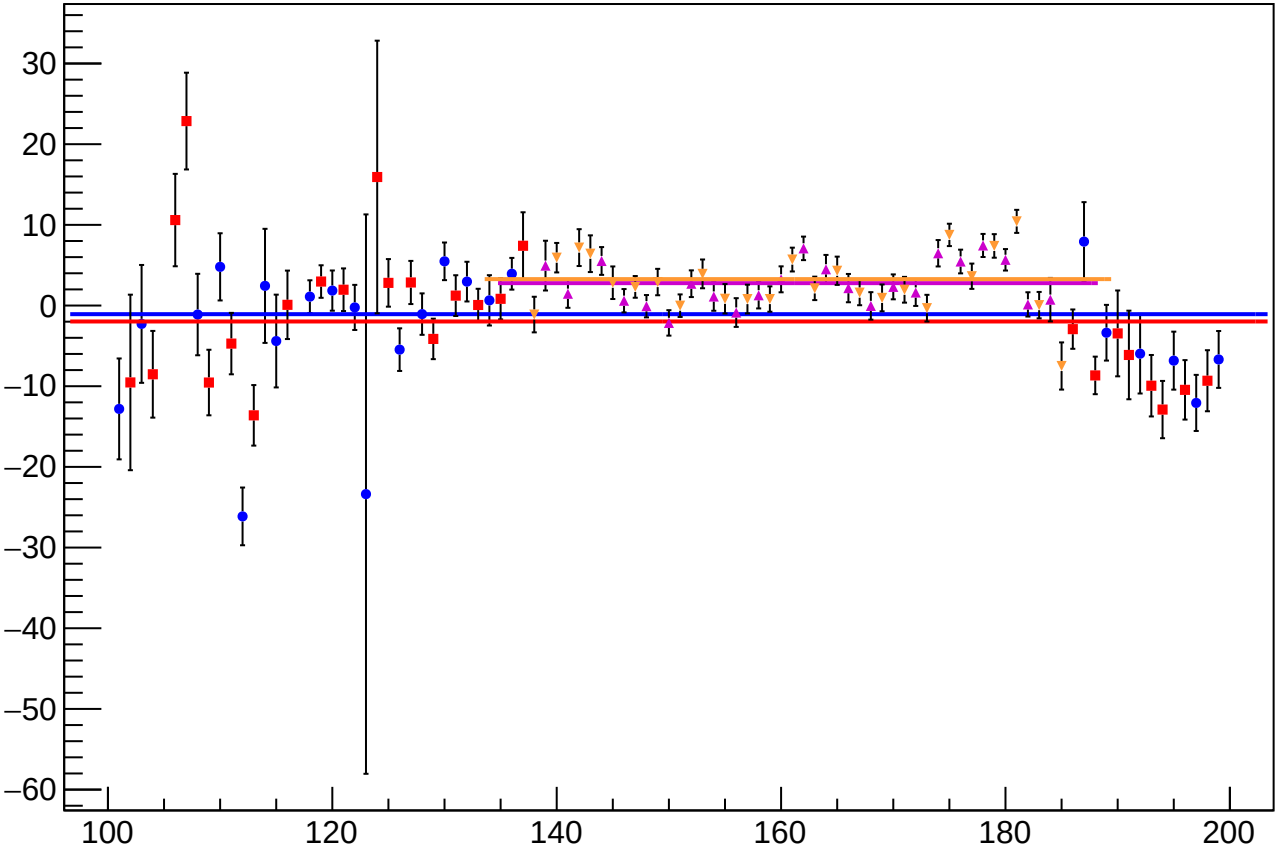
Right: -0.193+/-0.428 χ^2/NDF: 3694.5/48

In: 21.890+/-0.334 χ^2/NDF:3223.8/45

Out: 17.363+/-0.305 χ^2/NDF:5663.8/50

All: 19.426+/-0.225 χ^2/NDF: 8987.6/96

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.070+/-0.672 χ^2/NDF: 98.3/22

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -1.976+/-0.633 χ^2/NDF: 94.7/25

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

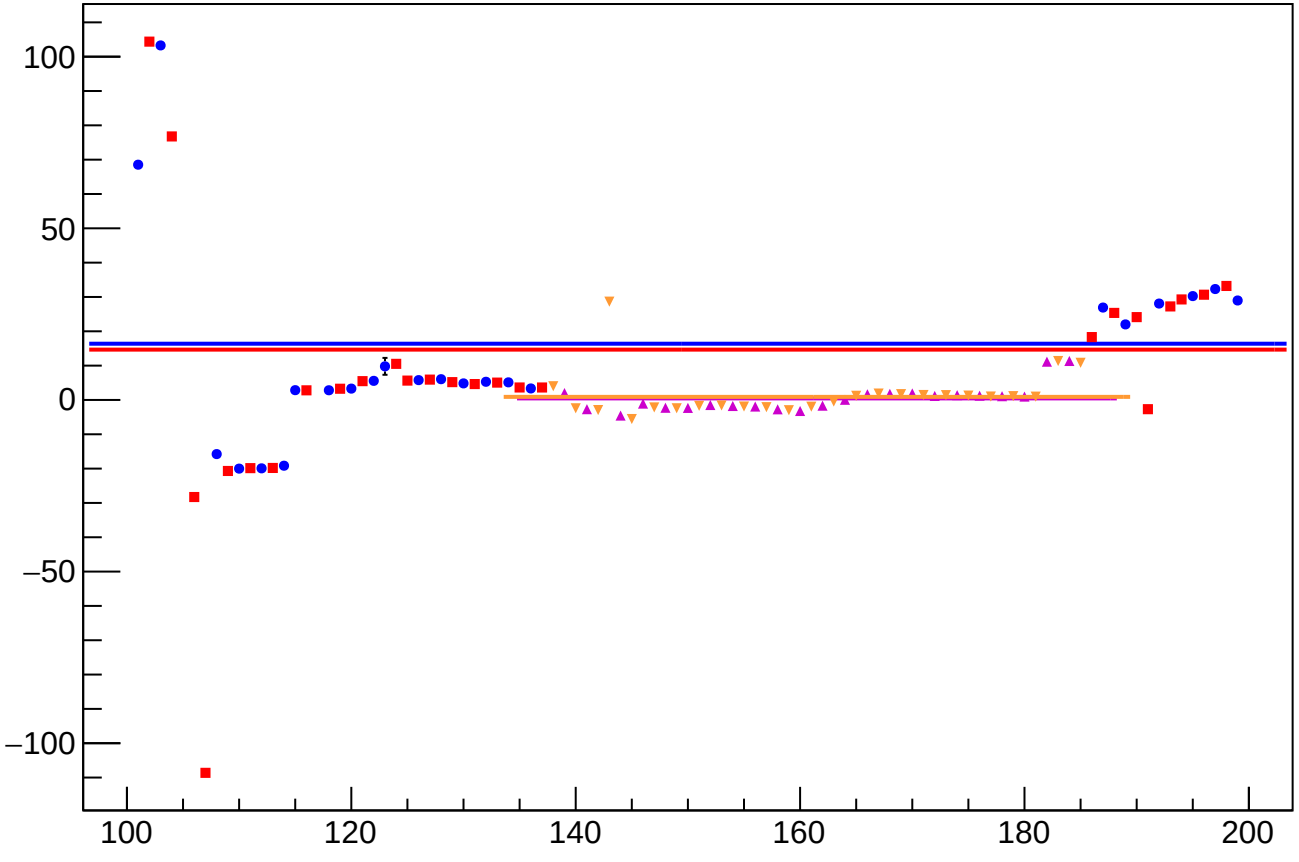
Right: -1.550+/-0.461 χ^2/NDF: 194.0/48

In: 1.992+/-0.303 χ^2/NDF:190.9/45

Out: 2.143+/-0.294 χ^2/NDF:250.4/50

All: 2.070+/-0.211 χ^2/NDF: 441.5/96

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.384+/-0.034 χ^2/NDF: 456353.1/22

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 14.662+/-0.032 χ^2/NDF: 669500.1/25

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

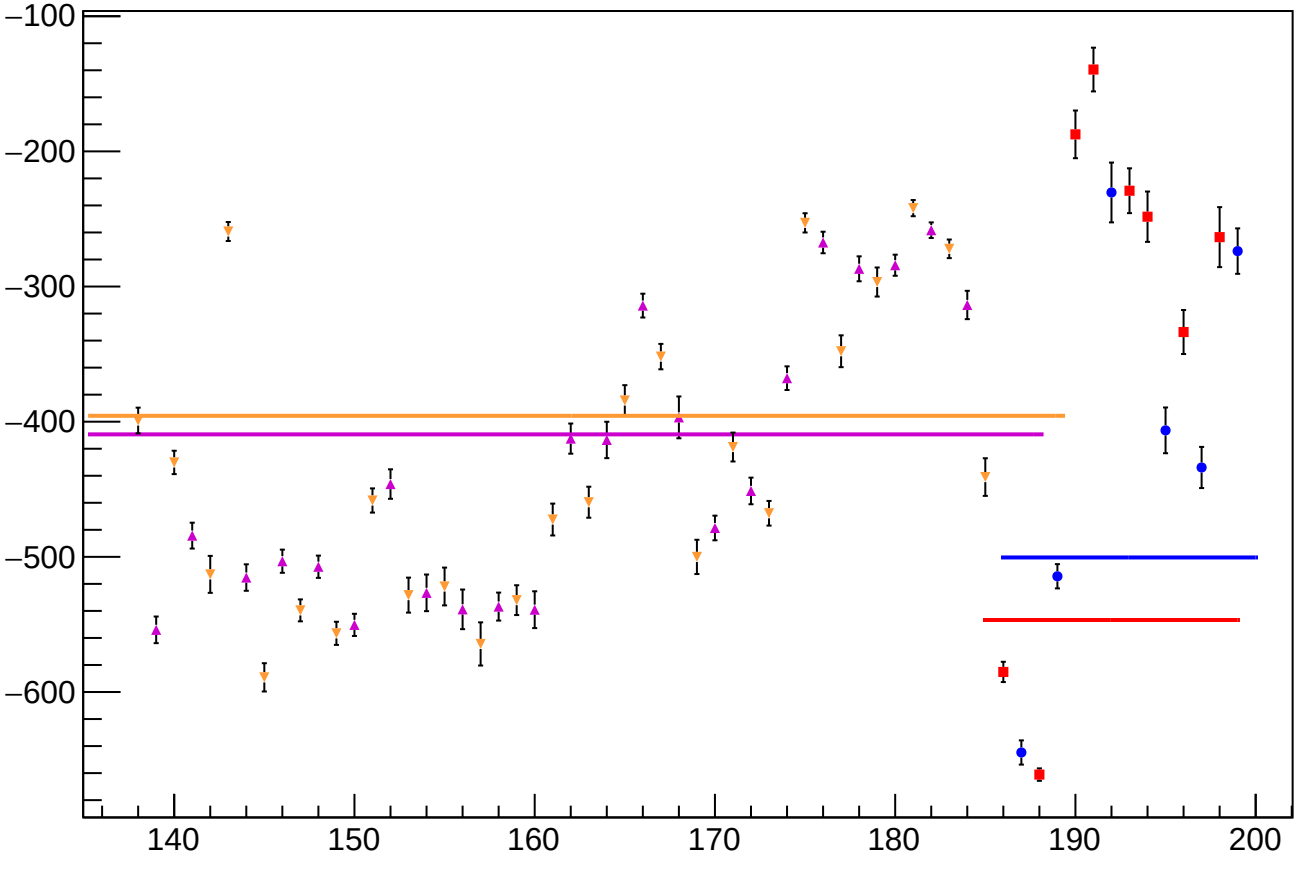
Right: 15.467+/-0.023 χ^2/NDF: 1127225.3/48

In: 3.160+/-0.014 χ^2/NDF:690123.9/45

Out: 3.464+/-0.014 χ^2/NDF:930325.9/50

All: 3.315+/-0.010 χ^2/NDF: 1620690.6/96

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -500.446+/-5.114 χ^2/NDF: 642.1/5

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -546.713+/-3.440 χ^2/NDF: 2651.9/7

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

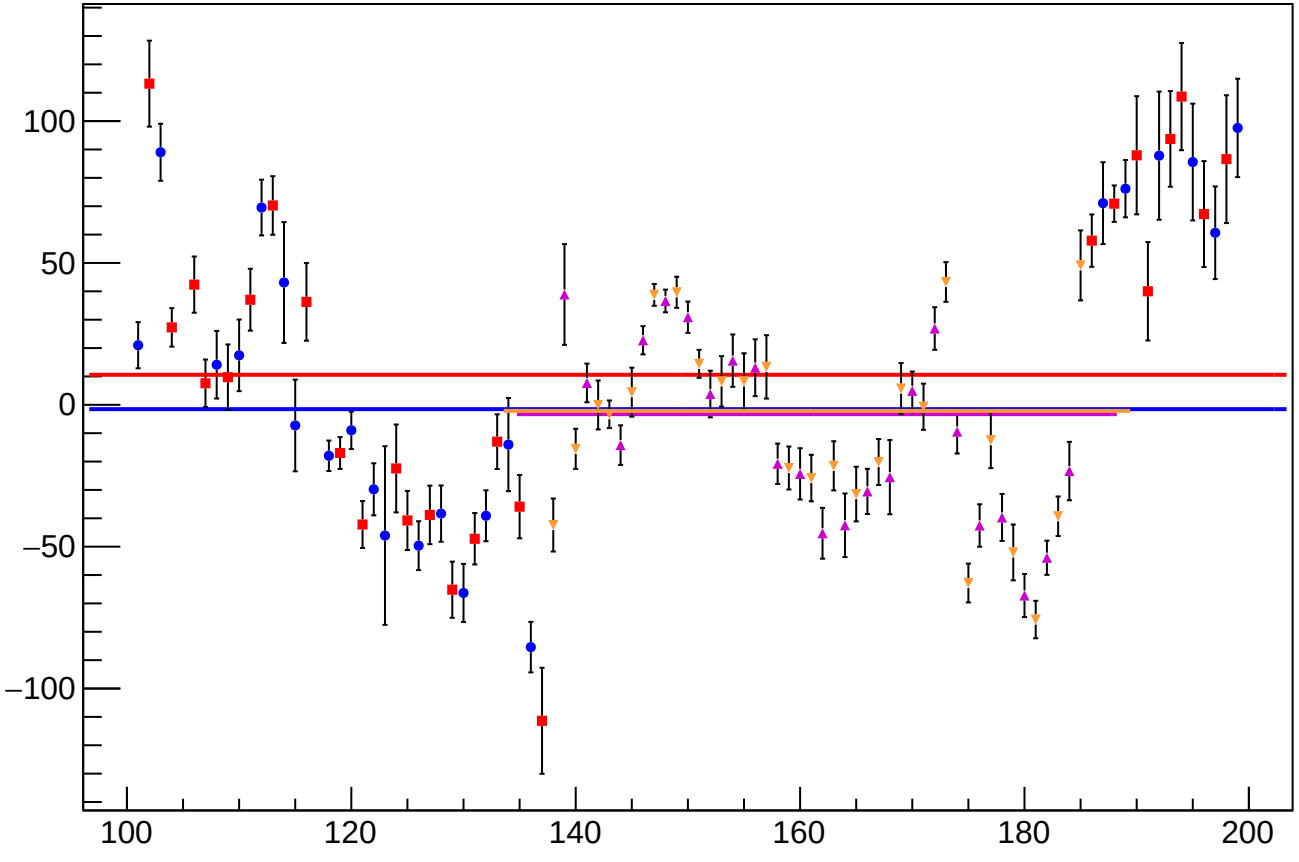
Right: -532.304+/-2.854 χ^2/NDF: 3350.4/13

In: -421.157+/-1.839 χ^2/NDF:4014.2/28

Out: -431.217+/-1.669 χ^2/NDF:7830.9/32

All: -426.674+/-1.236 χ^2/NDF: 11861.5/61

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.529+/-2.165 χ^2/NDF: 528.9/22

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 10.582+/-2.011 χ^2/NDF: 590.2/25

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

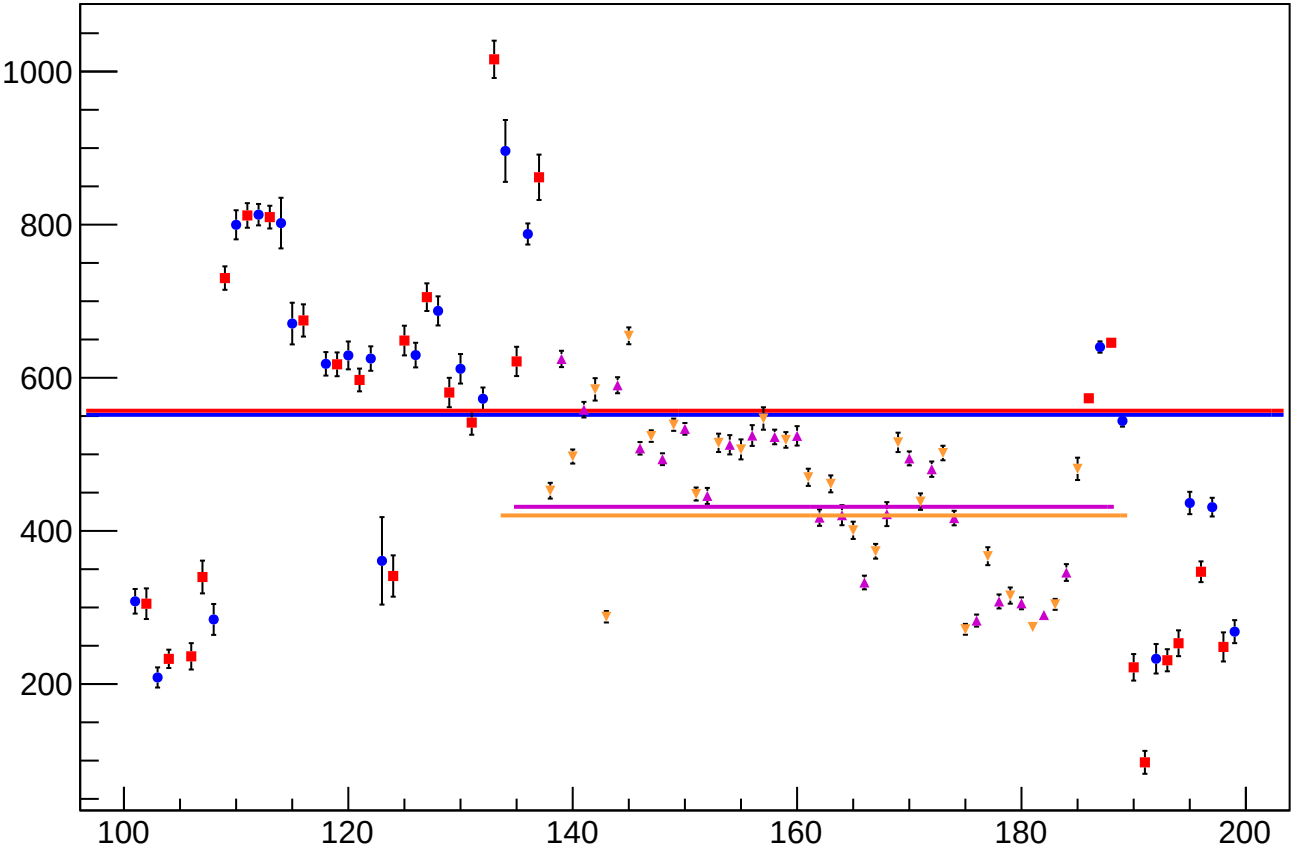
Right: 4.973+/-1.474 χ^2/NDF: 1135.9/48

In: -2.710+/-1.242 χ^2/NDF:983.8/45

Out: 2.156+/-1.168 χ^2/NDF:1179.5/50

All: -0.127+/-0.851 χ^2/NDF: 2171.4/96

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 551.641+/-3.040 χ^2/NDF: 3136.7/22

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 556.984+/-2.334 χ^2/NDF: 5933.1/25

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

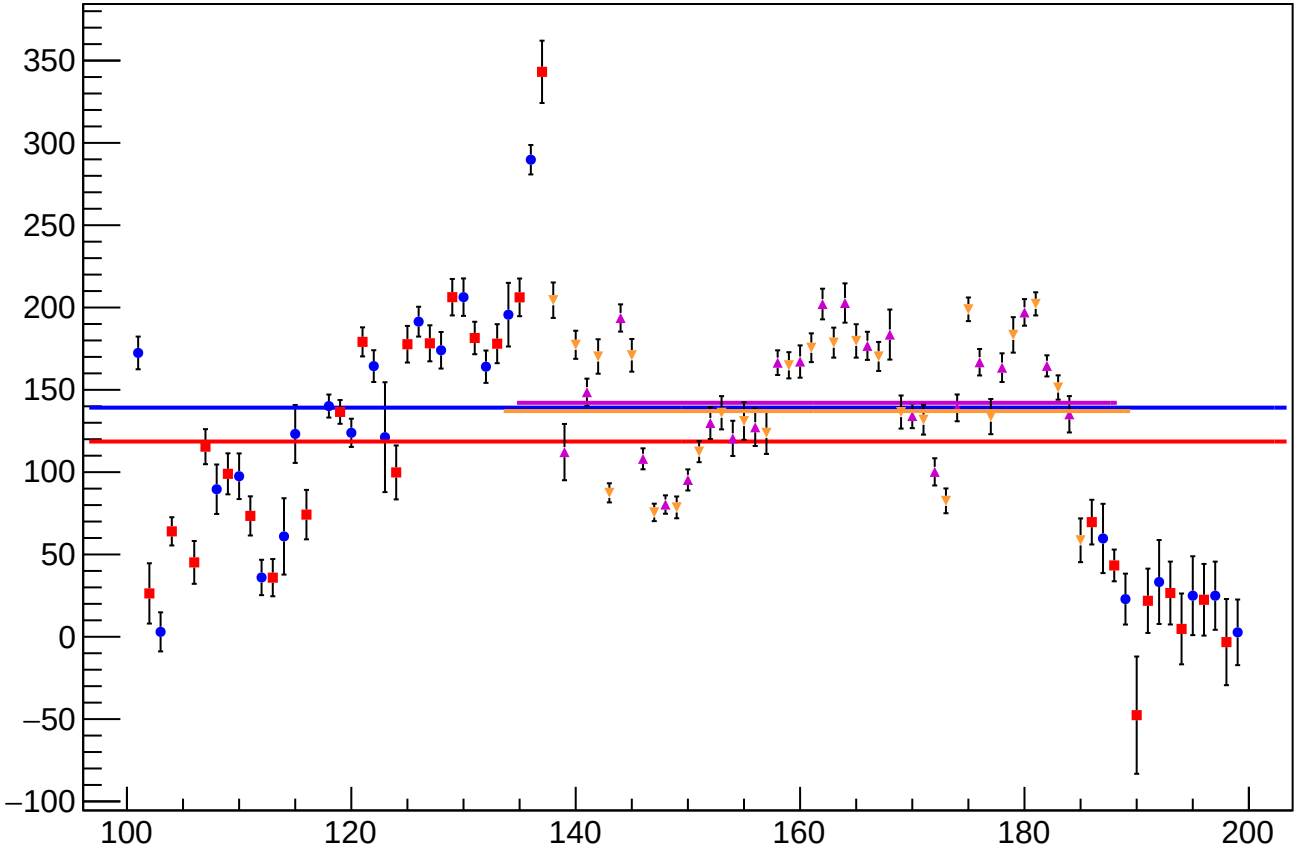
Right: 555.003+/-1.851 χ^2/NDF: 9071.8/48

In: 466.870+/-1.650 χ^2/NDF:7136.0/45

Out: 475.250+/-1.481 χ^2/NDF:11227.1/50

All: 471.511+/-1.102 χ^2/NDF: 18377.4/96

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 139.181+/-2.545 χ^2/NDF: 842.1/22

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 118.605+/-2.402 χ^2/NDF: 829.9/25

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

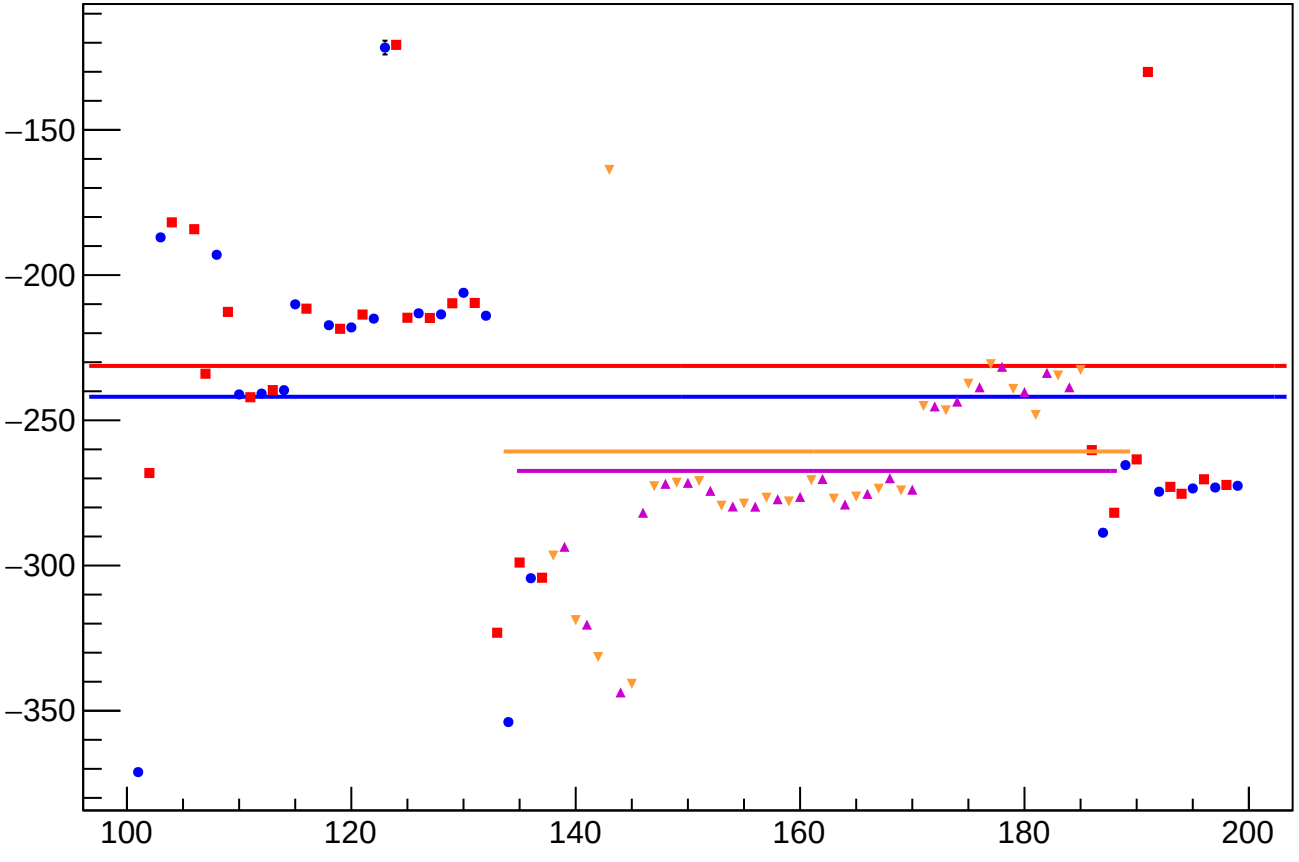
Right: 128.300+/-1.747 χ^2/NDF: 1706.6/48

In: 141.185+/-1.436 χ^2/NDF:1306.8/45

Out: 131.113+/-1.367 χ^2/NDF:1608.9/50

All: 135.900+/-0.990 χ^2/NDF: 2941.6/96

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -241.890+/-0.133 χ^2/NDF: 158663.3/22

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -231.268+/-0.121 χ^2/NDF: 157818.7/25

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

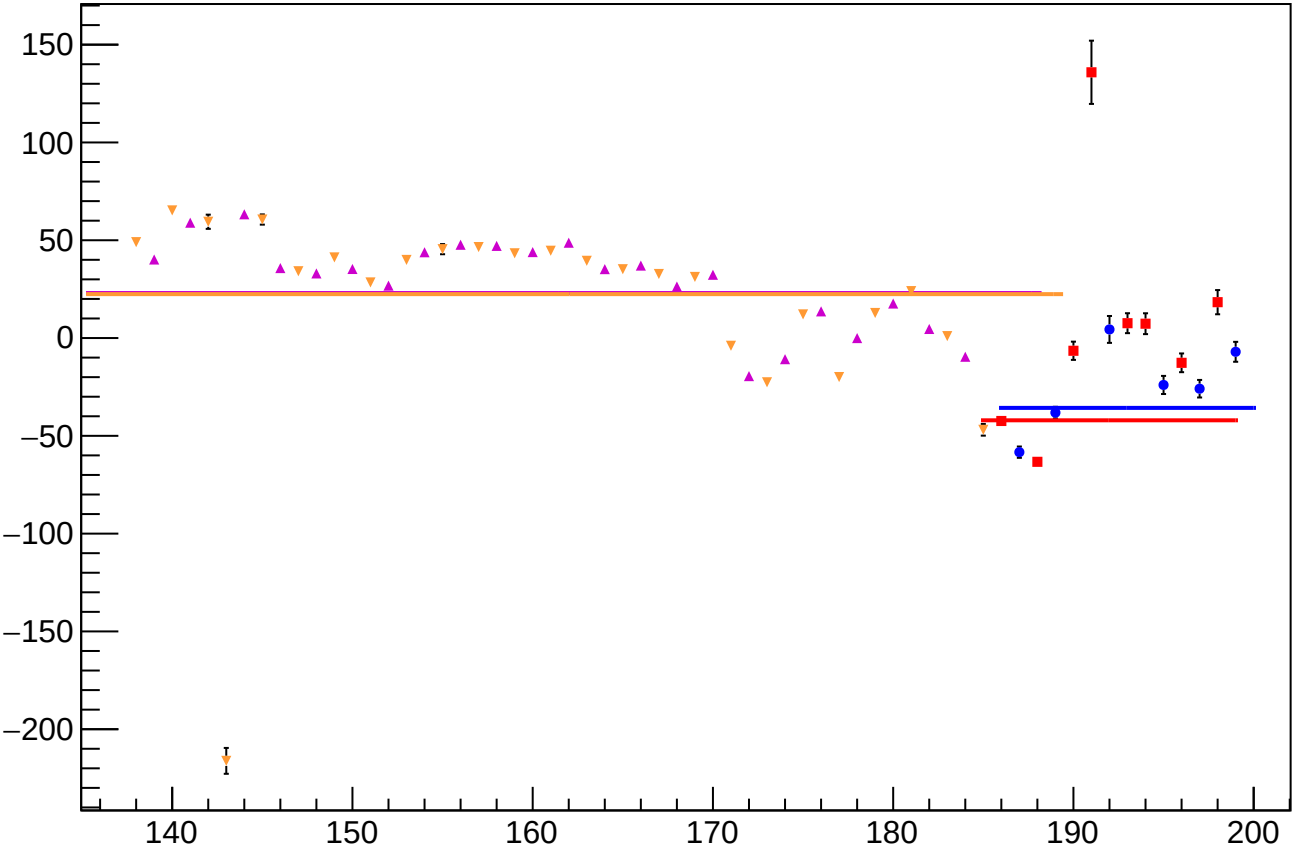
Right: -236.092+/-0.090 χ^2/NDF: 319965.6/48

In: -260.464+/-0.069 χ^2/NDF:284374.3/45

Out: -251.867+/-0.067 χ^2/NDF:419206.2/50

All: -255.984+/-0.048 χ^2/NDF: 711580.6/96

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.708+/-1.605 χ^2/NDF: 139.0/5

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -42.063+/-1.036 χ^2/NDF: 678.1/7

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

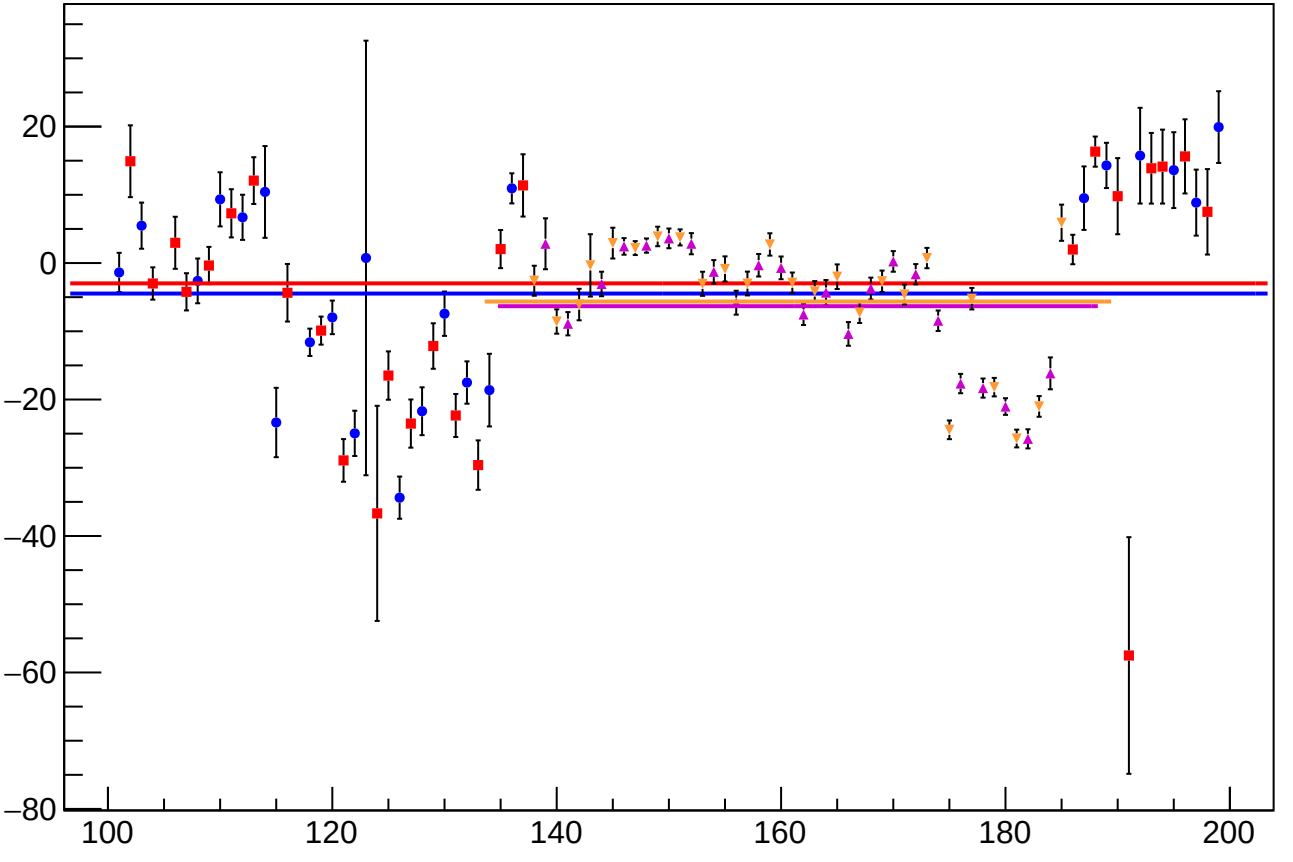
Right: -40.194+/-0.870 χ^2/NDF: 828.1/13

In: 19.587+/-0.388 χ^2/NDF:4220.2/28

Out: 14.116+/-0.372 χ^2/NDF:8991.7/32

All: 16.738+/-0.269 χ^2/NDF: 13315.5/61

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.471+/-0.722 χ^2/NDF: 386.6/22

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -2.979+/-0.659 χ^2/NDF: 420.8/25

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

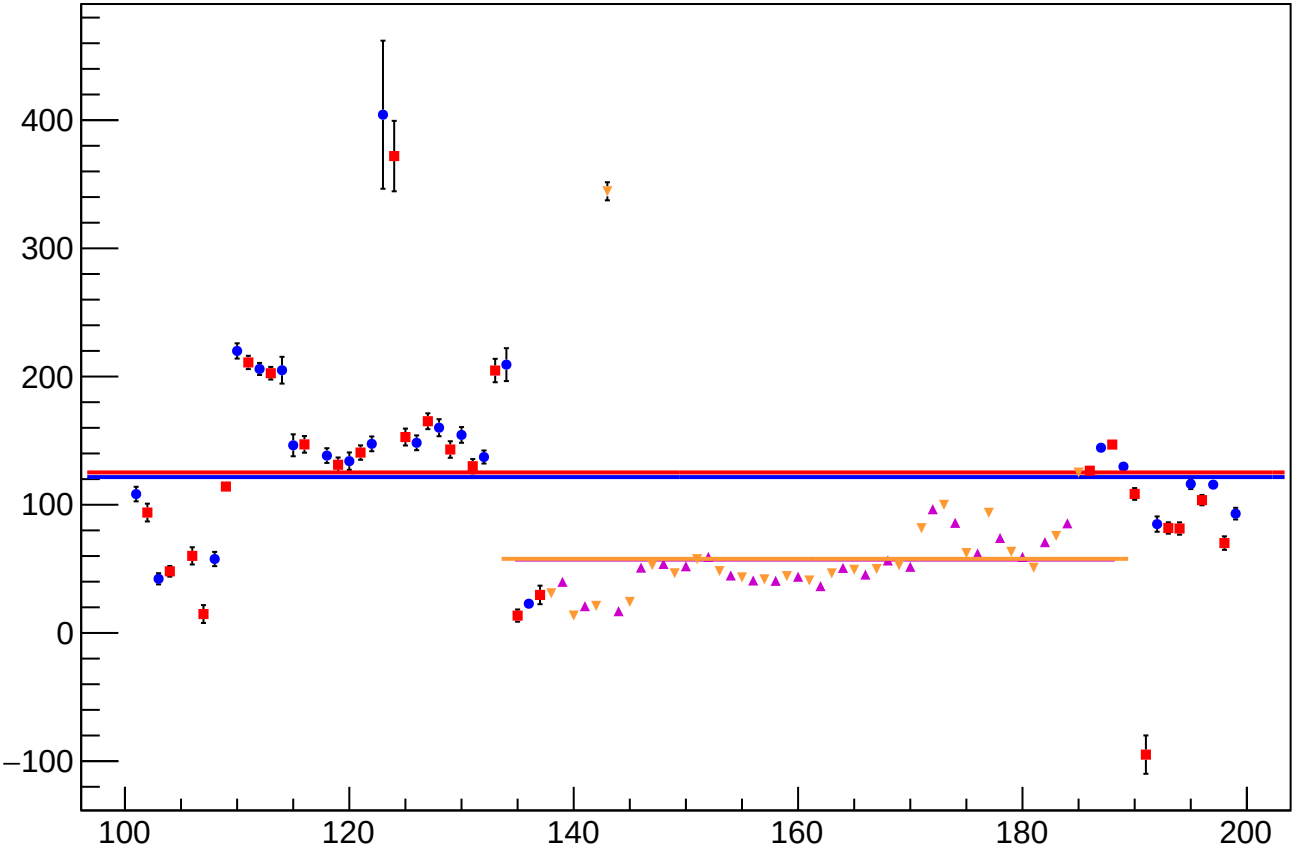
Right: -3.656+/-0.487 χ^2/NDF: 809.8/48

In: -6.019+/-0.293 χ^2/NDF:1176.5/45

Out: -5.142+/-0.285 χ^2/NDF:1325.6/50

All: -5.568+/-0.204 χ^2/NDF: 2506.7/96

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 121.577+/-0.975 χ^2/NDF: 2355.2/22

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 125.214+/-0.721 χ^2/NDF: 3045.2/25

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

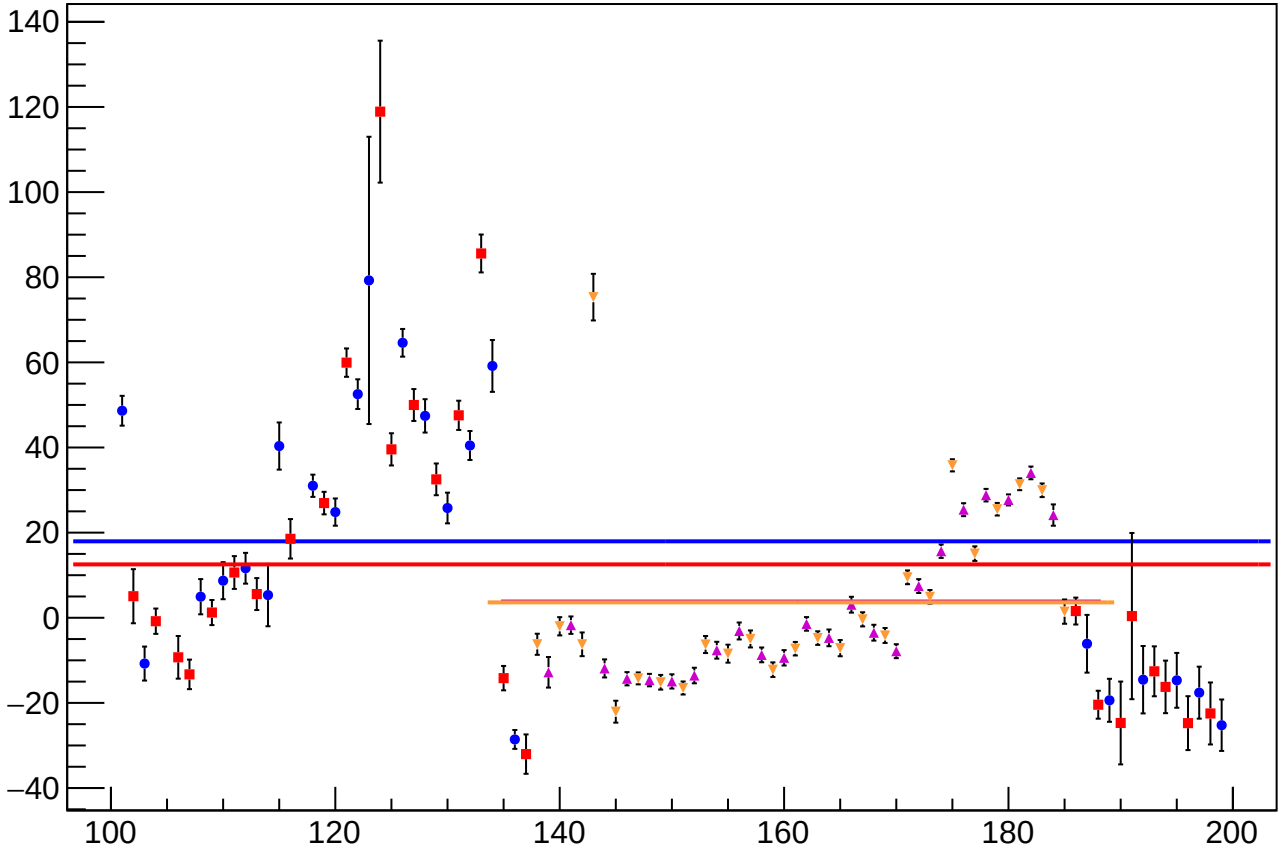
Right: 123.929+/-0.580 χ^2/NDF: 5409.4/48

In: 66.421+/-0.369 χ^2/NDF:7949.8/45

Out: 73.569+/-0.348 χ^2/NDF:14078.7/50

All: 70.195+/-0.253 χ^2/NDF: 22227.2/96

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.957+/-0.839 χ^2/NDF: 1289.6/22

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 12.539+/-0.786 χ^2/NDF: 1347.2/25

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

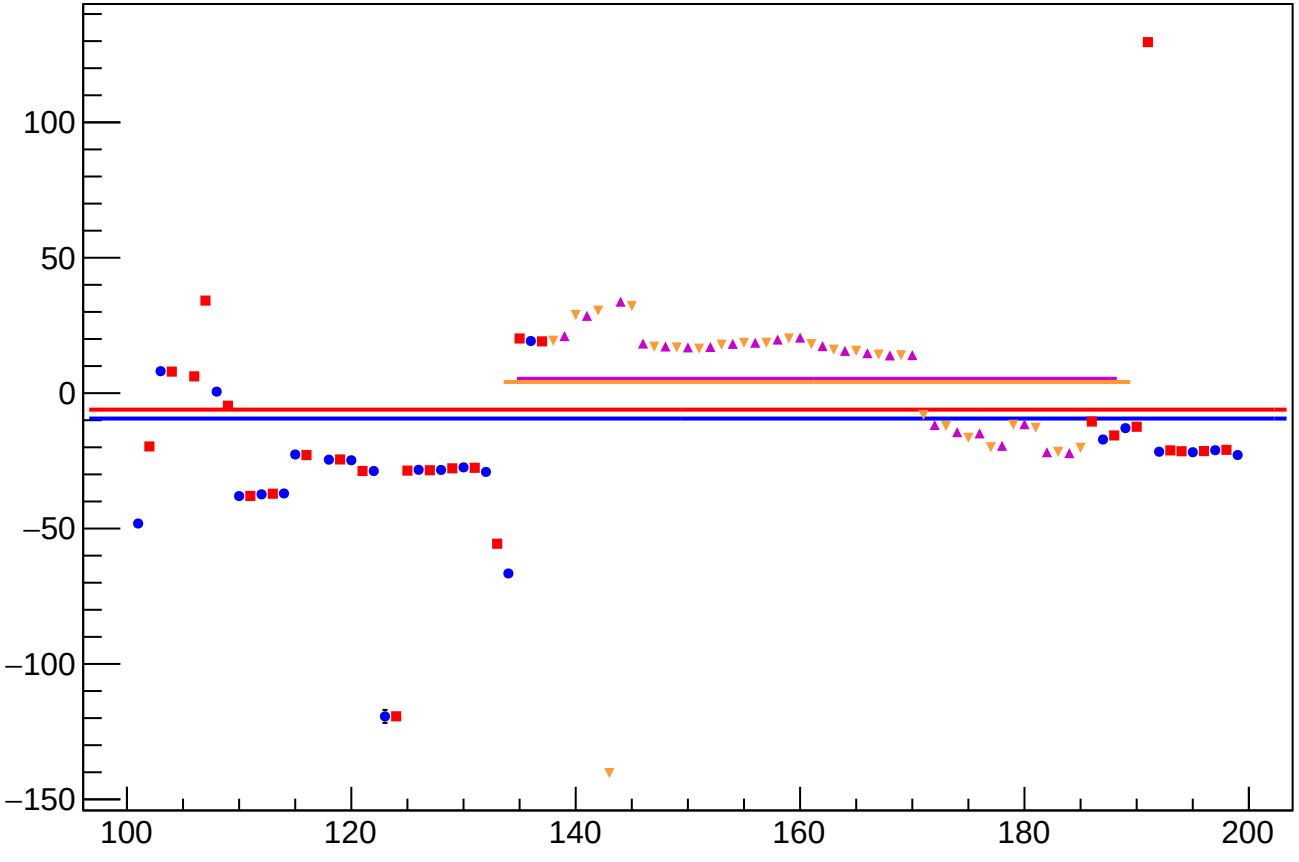
Right: 15.071+/-0.574 χ^2/NDF: 2659.0/48

In: 6.018+/-0.331 χ^2/NDF:3732.9/45

Out: 5.140+/-0.325 χ^2/NDF:3955.3/50

All: 5.570+/-0.232 χ^2/NDF: 7691.8/96

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.380+/-0.041 χ^2/NDF: 285952.0/22

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -6.088+/-0.039 χ^2/NDF: 362685.7/25

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

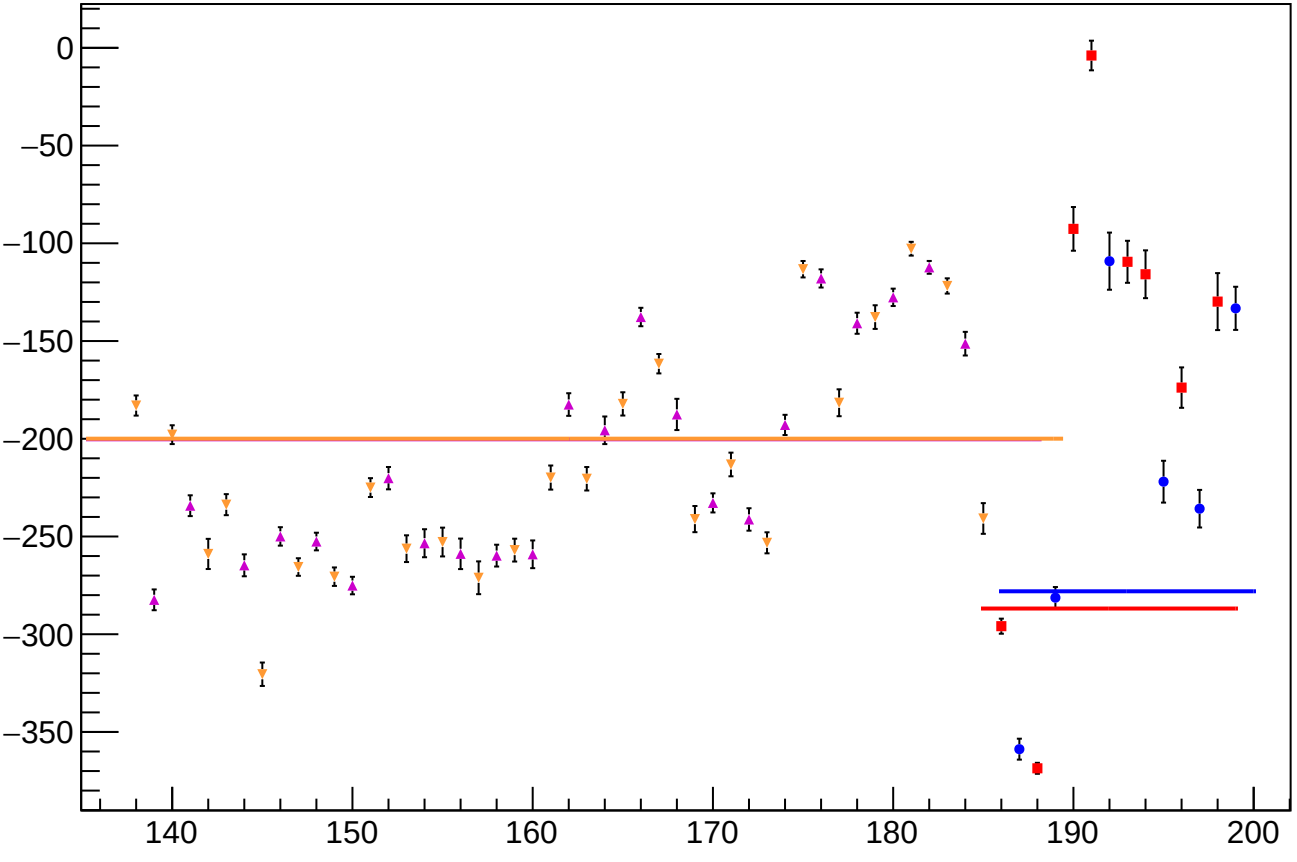
Right: -7.654+/-0.028 χ^2/NDF: 652020.8/48

In: 3.288+/-0.015 χ^2/NDF:1486352.2/45

Out: 2.595+/-0.015 χ^2/NDF:1761008.4/50

All: 2.939+/-0.011 χ^2/NDF: 3248407.0/96

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -278.034+/-3.145 χ^2/NDF: 580.1/5

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -286.855+/-2.006 χ^2/NDF: 3246.0/7

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

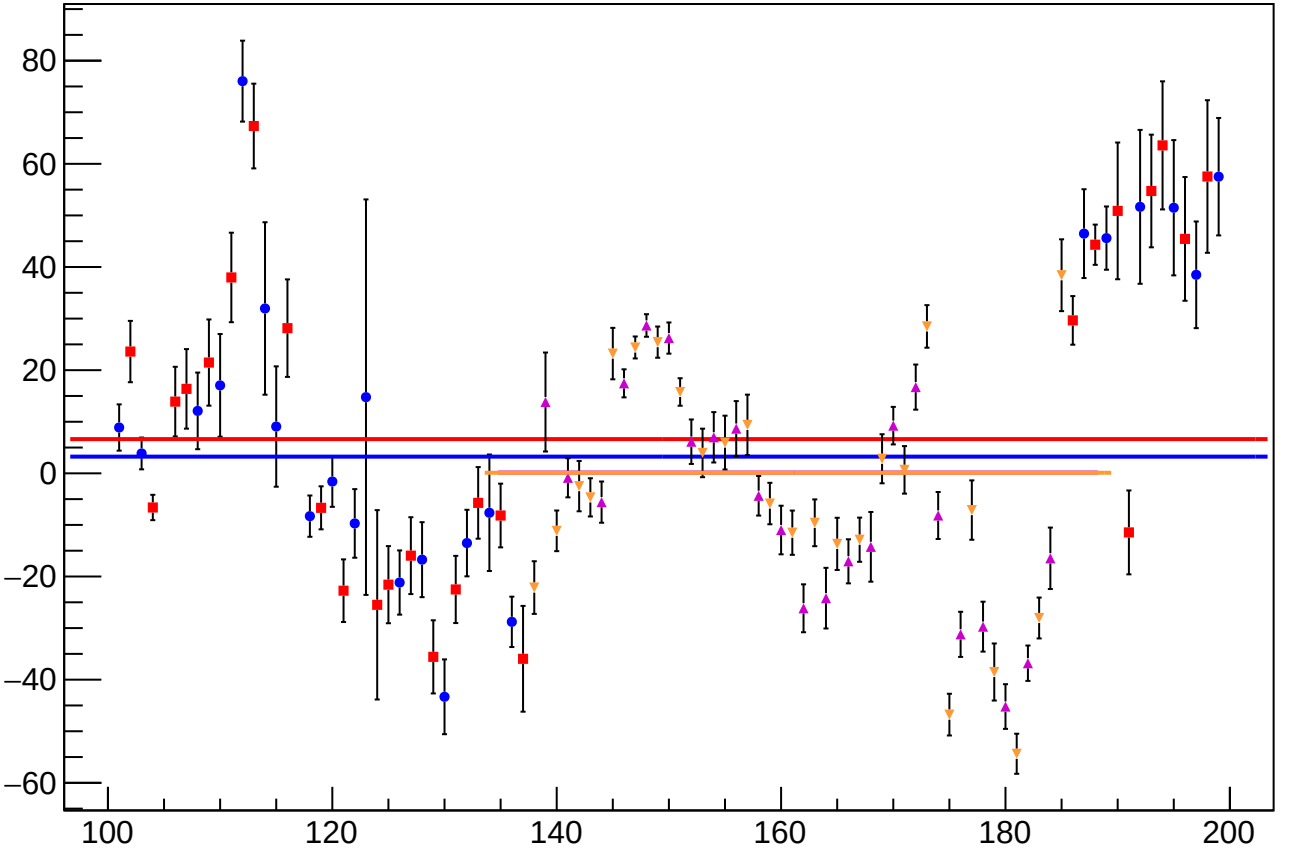
Right: -284.304+/-1.691 χ^2/NDF: 3831.8/13

In: -208.662+/-1.033 χ^2/NDF:4139.4/28

Out: -219.528+/-0.952 χ^2/NDF:7920.4/32

All: -214.536+/-0.700 χ^2/NDF: 12119.6/61

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.240+/-1.357 χ^2/NDF: 353.7/22

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 6.636+/-1.224 χ^2/NDF: 453.9/25

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

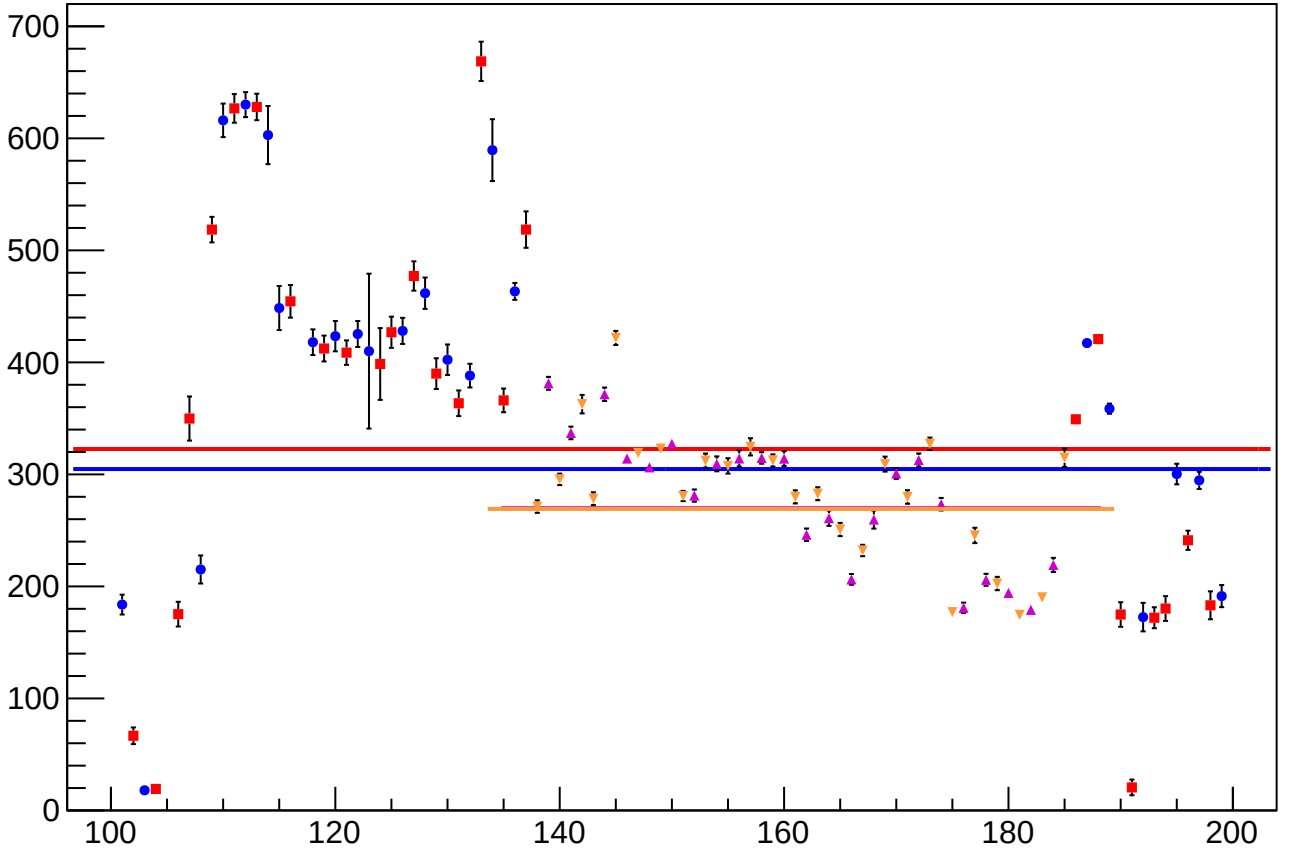
Right: 5.113+/-0.909 χ^2/NDF: 811.0/48

In: 1.002+/-0.712 χ^2/NDF:1077.1/45

Out: 2.104+/-0.676 χ^2/NDF:1303.7/50

All: 1.582+/-0.490 χ^2/NDF: 2382.0/96

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 304.773+/-1.801 χ^2/NDF: 8936.4/22

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 322.674+/-1.368 χ^2/NDF: 13393.9/25

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

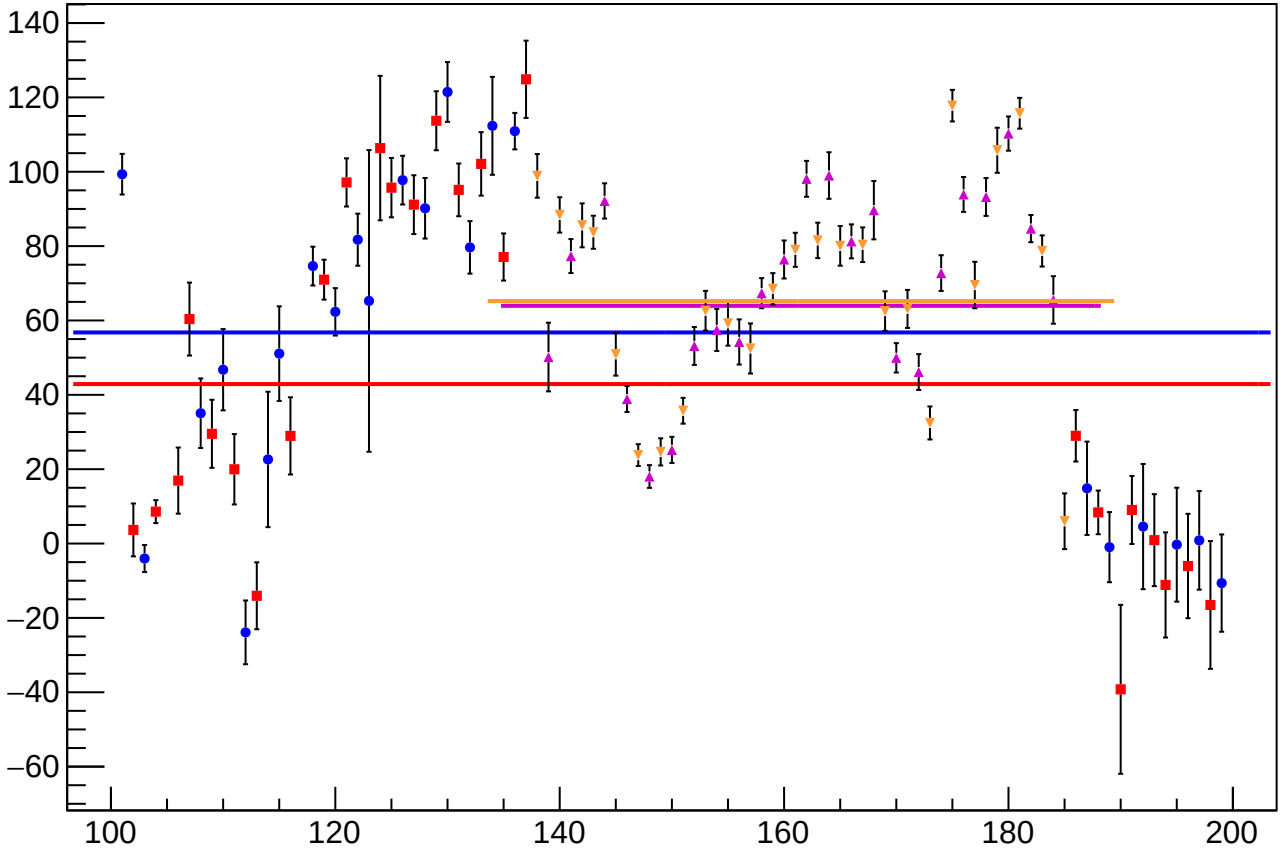
Right: 316.124+/-1.089 χ^2/NDF: 22392.9/48

In: 279.139+/-0.931 χ^2/NDF:12447.8/45

Out: 289.742+/-0.848 χ^2/NDF:17483.9/50

All: 284.932+/-0.627 χ^2/NDF: 30002.6/96

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.781+/-1.597 χ^2/NDF: 850.8/22

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 42.892+/-1.486 χ^2/NDF: 793.7/25

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

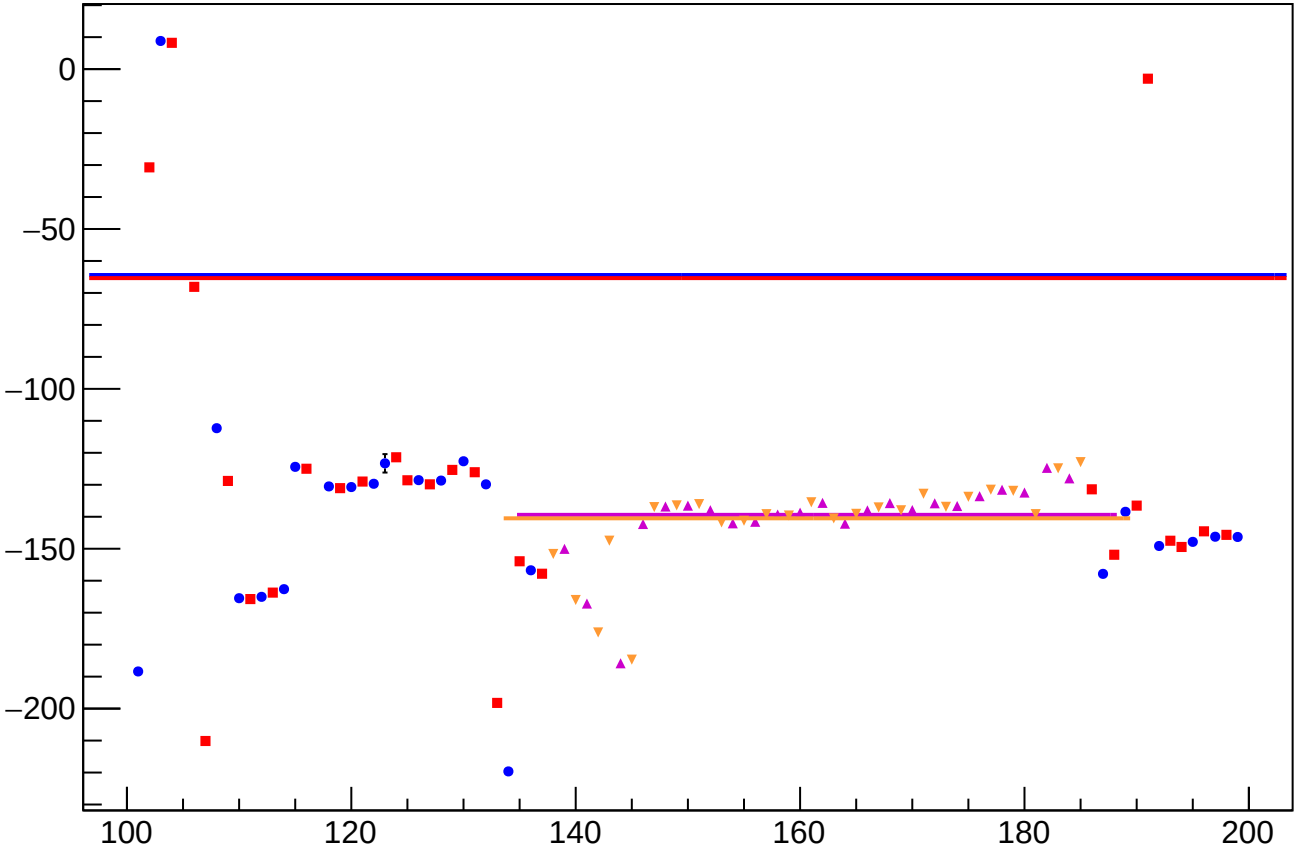
Right: 49.336+/-1.088 χ^2/NDF: 1685.0/48

In: 62.041+/-0.823 χ^2/NDF:1668.9/45

Out: 58.853+/-0.793 χ^2/NDF:1960.7/50

All: 60.388+/-0.571 χ^2/NDF: 3637.4/96

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -64.396+/-0.066 χ^2/NDF: 1434108.0/22

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -65.365+/-0.064 χ^2/NDF: 1282767.6/25

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

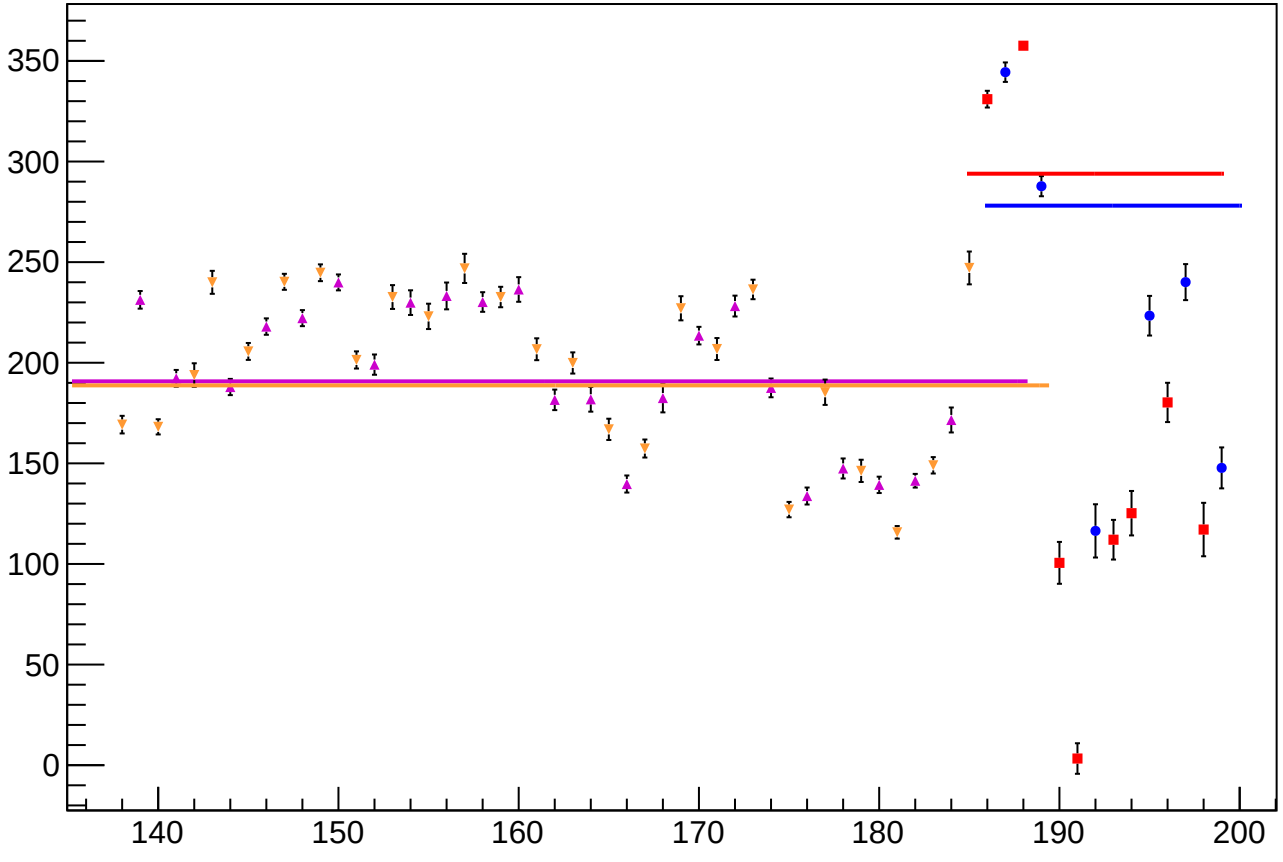
Right: -64.898+/-0.046 χ^2/NDF: 2716987.0/48

In: -115.740+/-0.037 χ^2/NDF:2380015.0/45

Out: -115.762+/-0.037 χ^2/NDF:2290116.5/50

All: -115.751+/-0.026 χ^2/NDF: 4670131.6/96

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 278.075+/-2.876 χ^2/NDF: 553.6/5

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 293.951+/-1.895 χ^2/NDF: 3422.5/7

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

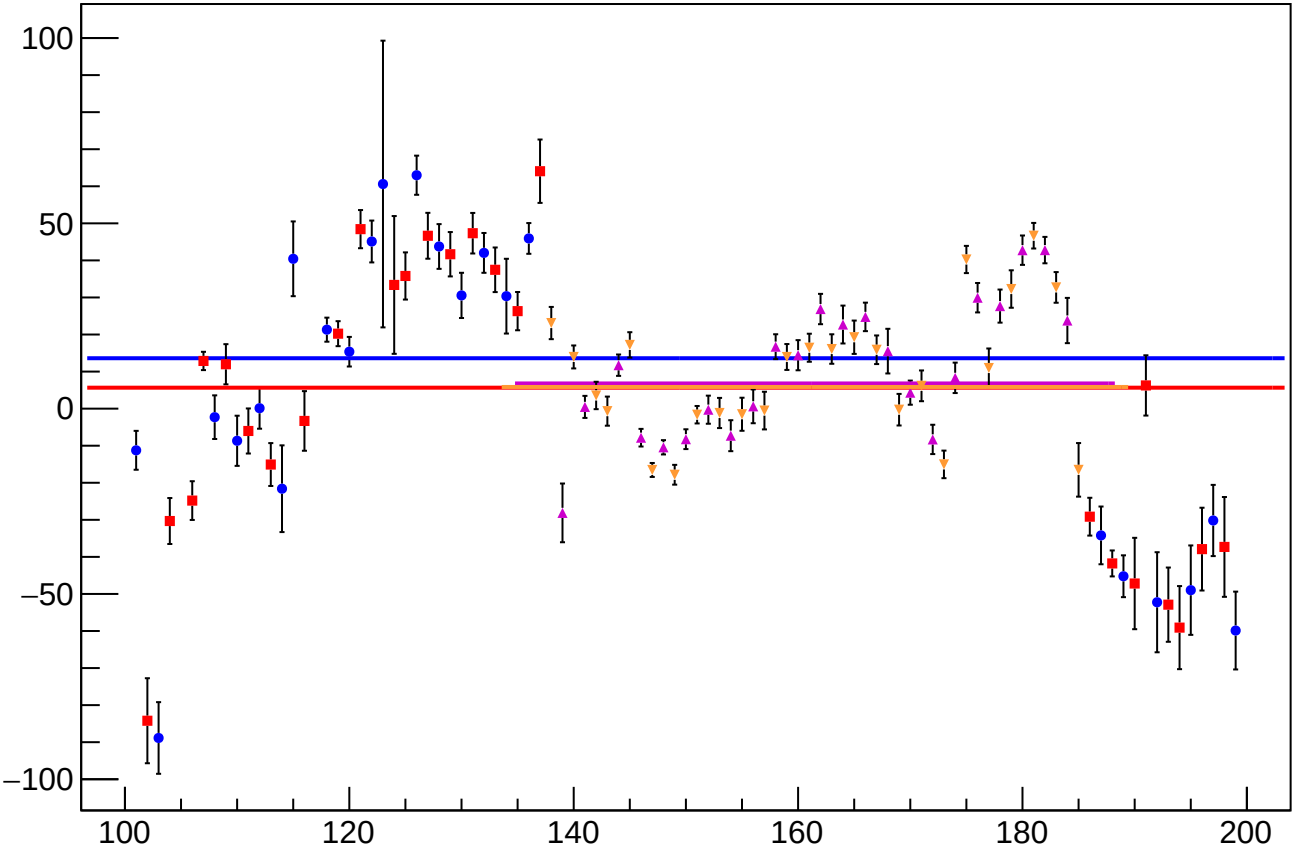
Right: 289.145+/-1.582 χ^2/NDF: 3997.3/13

In: 199.688+/-0.920 χ^2/NDF:2802.9/28

Out: 210.166+/-0.855 χ^2/NDF:7845.7/32

All: 205.310+/-0.626 χ^2/NDF: 10718.2/61

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.603+/-1.280 χ^2/NDF: 691.7/22

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 5.656+/-1.095 χ^2/NDF: 839.1/25

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

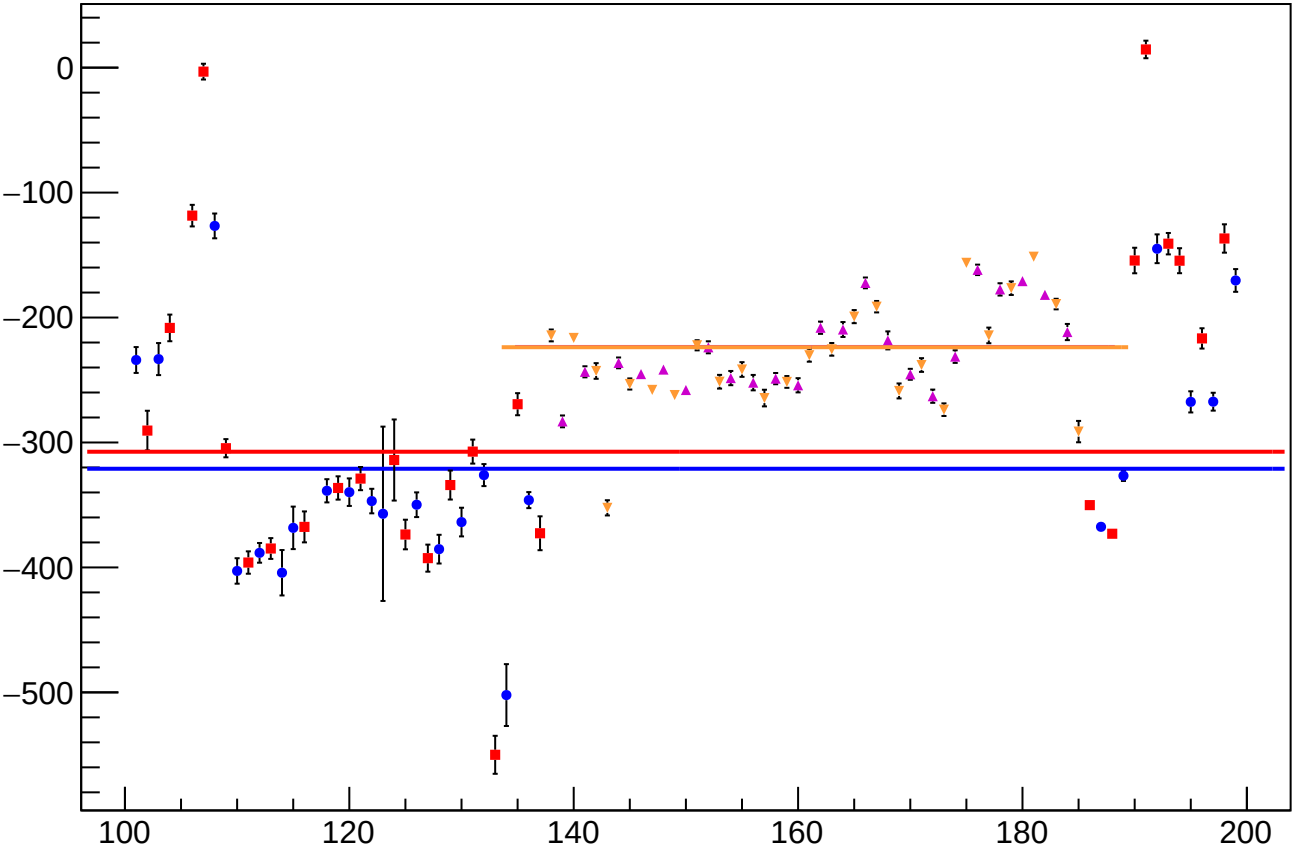
Right: 9.014+/-0.832 χ^2/NDF: 1553.0/48

In: 8.483+/-0.637 χ^2/NDF:1238.8/45

Out: 5.793+/-0.598 χ^2/NDF:1489.7/50

All: 7.053+/-0.436 χ^2/NDF: 2737.9/96

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -321.025+/-1.750 χ^2/NDF: 1546.0/22

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -307.399+/-1.292 χ^2/NDF: 8020.8/25

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

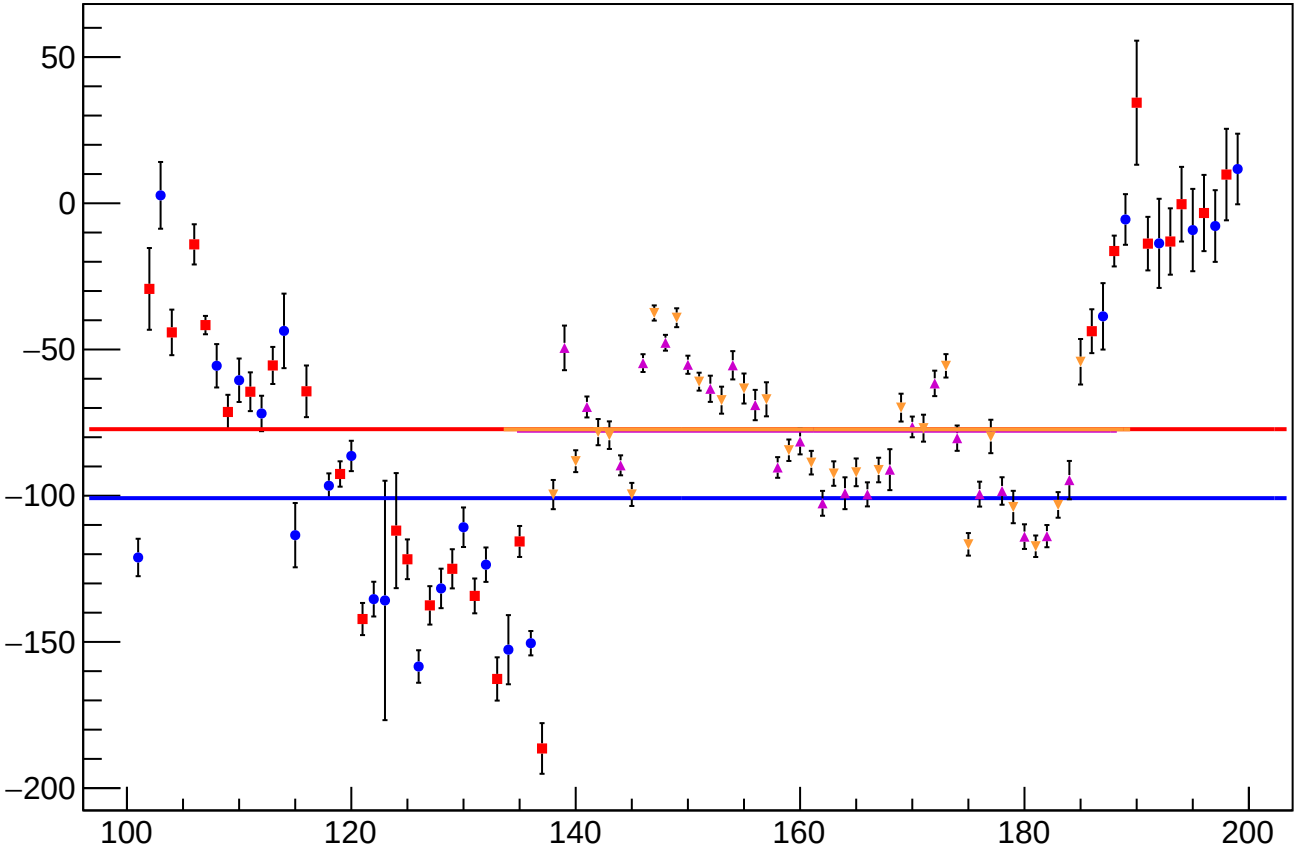
Right: -312.209+/-1.040 χ^2/NDF: 9606.0/48

In: -246.308+/-0.845 χ^2/NDF:5211.2/45

Out: -253.412+/-0.770 χ^2/NDF:12745.8/50

All: -250.193+/-0.569 χ^2/NDF: 17995.7/96

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.834+/-1.498 χ^2/NDF: 923.6/22

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -77.247+/-1.317 χ^2/NDF: 1391.4/25

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

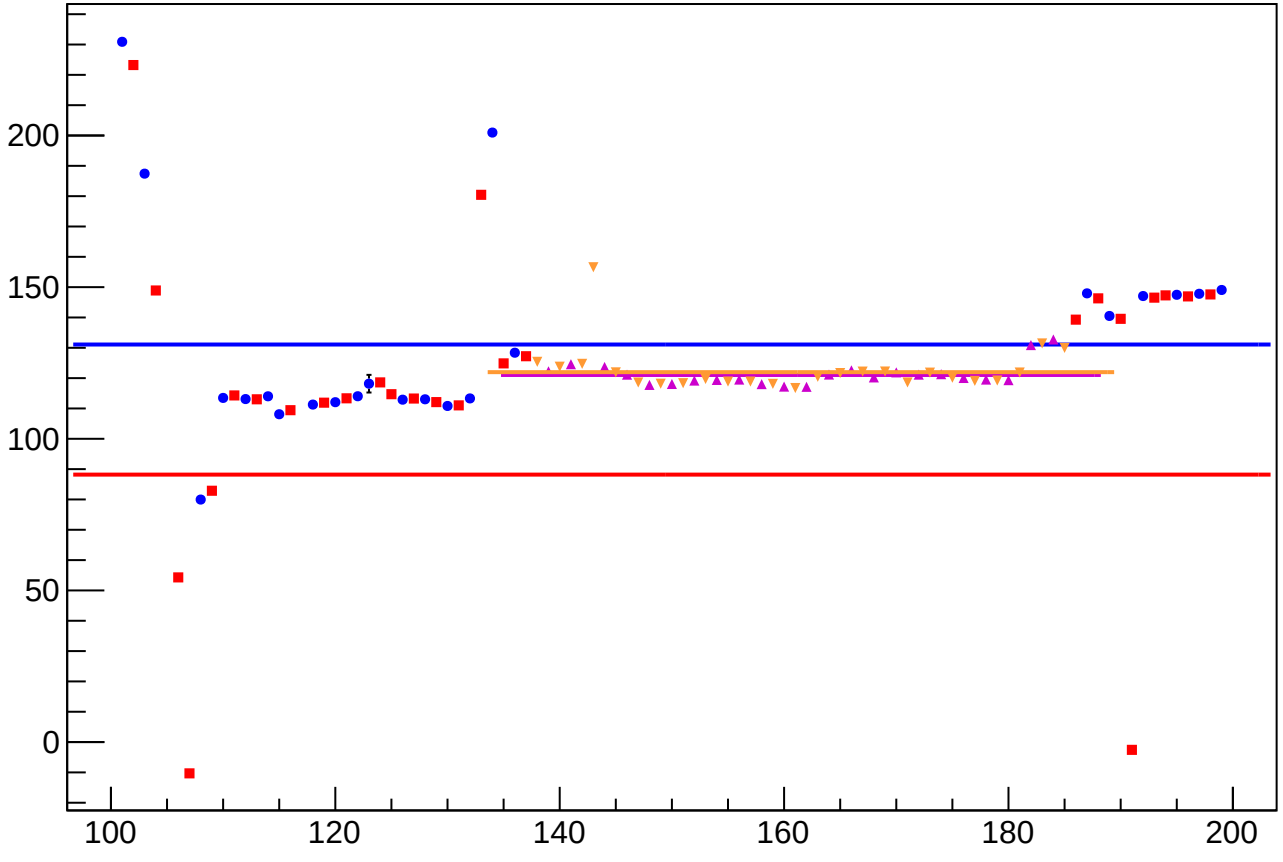
Right: -87.529+/-0.989 χ^2/NDF: 2455.0/48

In: -83.361+/-0.737 χ^2/NDF:1727.7/45

Out: -77.282+/-0.701 χ^2/NDF:2236.0/50

All: -80.170+/-0.508 χ^2/NDF: 3999.4/96

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 131.085+/-0.080 χ^2/NDF: 197921.0/22

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 88.189+/-0.065 χ^2/NDF: 1033985.7/25

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

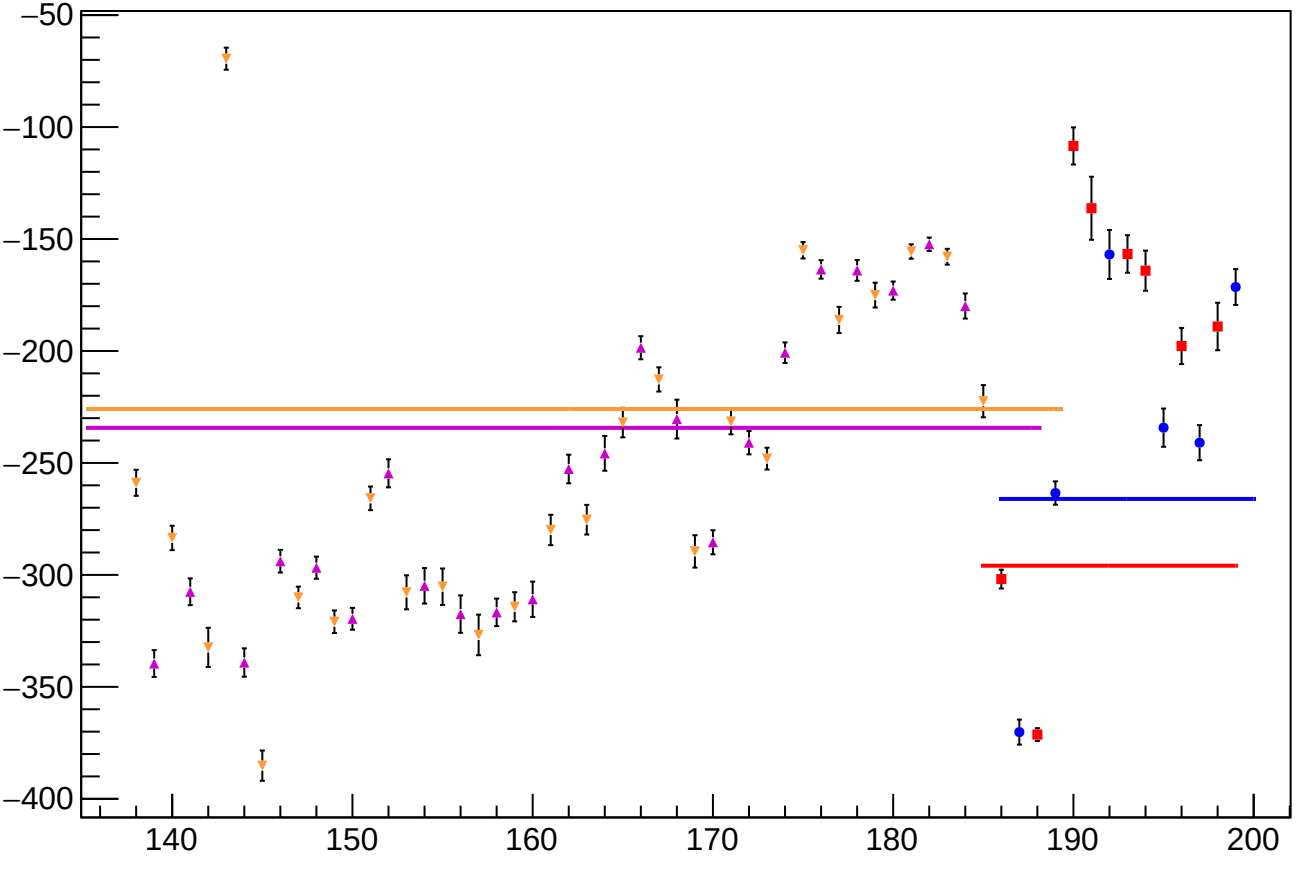
Right: 105.420+/-0.050 χ^2/NDF: 1405790.0/48

In: 123.035+/-0.035 χ^2/NDF:218588.7/45

Out: 112.904+/-0.034 χ^2/NDF:1257839.5/50

All: 117.729+/-0.024 χ^2/NDF: 1519272.1/96

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -266.076+/-2.852 χ^2/NDF: 612.3/5

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -295.887+/-2.000 χ^2/NDF: 2082.0/7

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

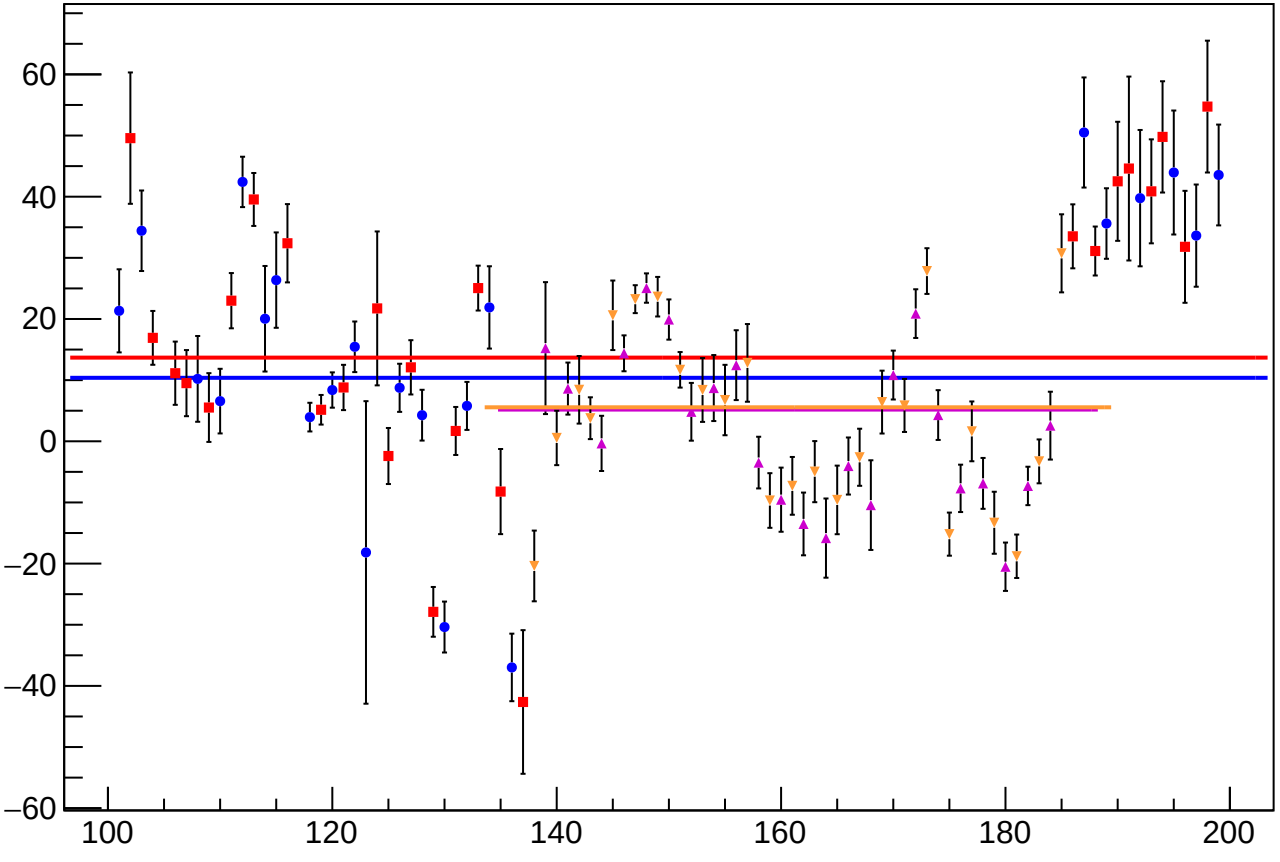
Right: -286.058+/-1.637 χ^2/NDF: 2767.6/13

In: -238.468+/-1.030 χ^2/NDF:4312.0/28

Out: -241.782+/-0.953 χ^2/NDF:7697.7/32

All: -240.254+/-0.699 χ^2/NDF: 12015.3/61

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.381+/-1.031 χ^2/NDF: 350.0/22

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 13.683+/-0.987 χ^2/NDF: 337.0/25

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

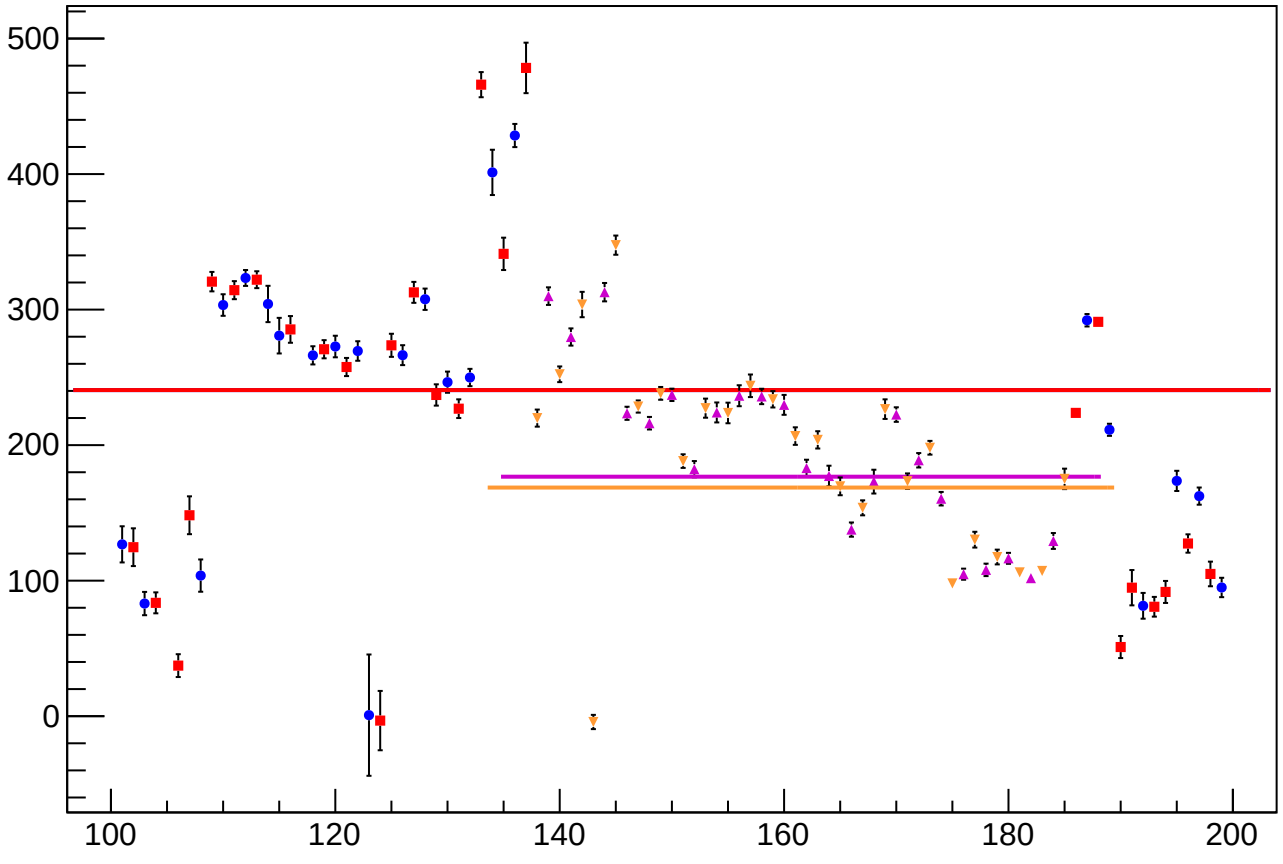
Right: 12.104+/-0.713 χ^2/NDF: 692.4/48

In: 7.337+/-0.663 χ^2/NDF:608.1/45

Out: 8.932+/-0.636 χ^2/NDF:690.0/50

All: 8.168+/-0.459 χ^2/NDF: 1301.1/96

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 240.609+/-1.573 χ^2/NDF: 2670.0/22

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 240.631+/-1.269 χ^2/NDF: 5119.4/25

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

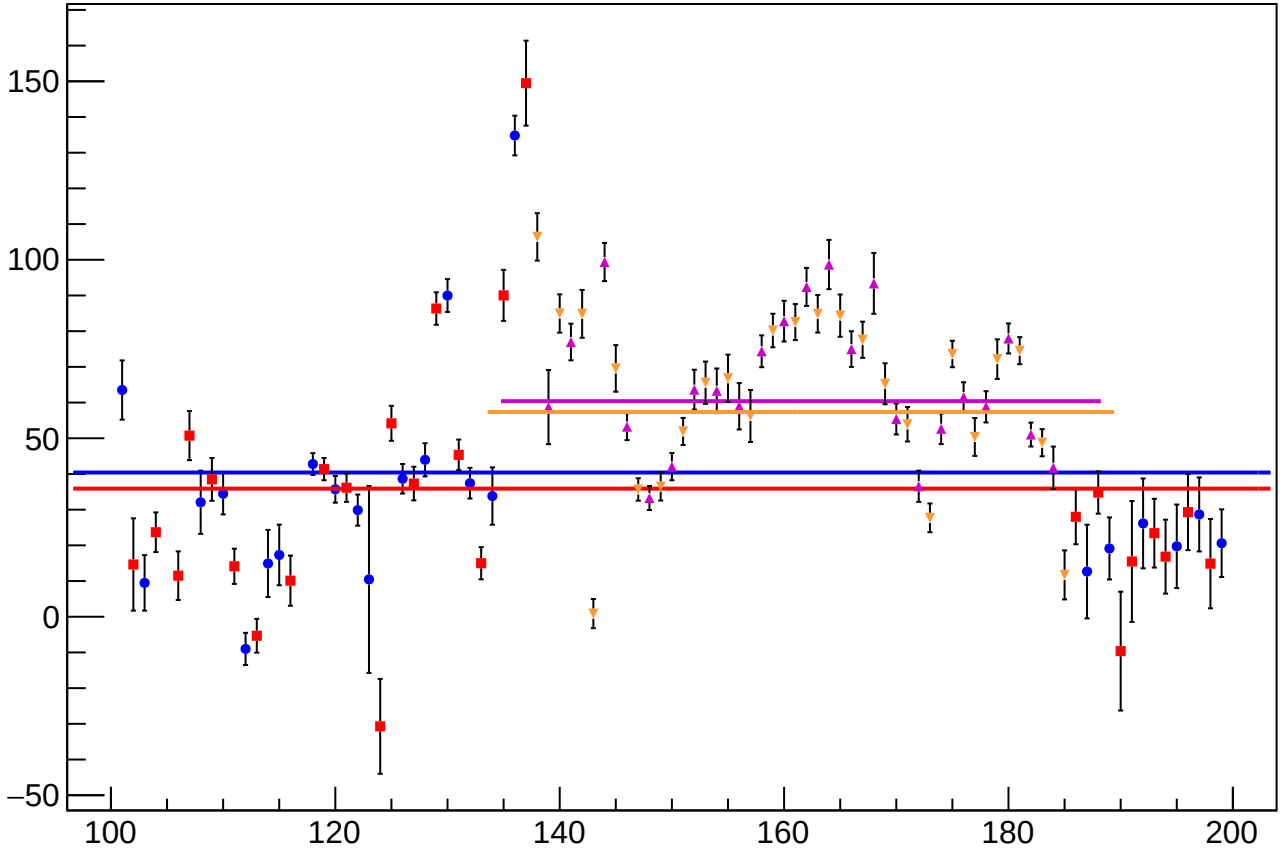
Right: 240.622+/-0.987 χ^2/NDF: 7789.4/48

In: 197.751+/-0.902 χ^2/NDF:7011.7/45

Out: 199.135+/-0.825 χ^2/NDF:11212.4/50

All: 198.505+/-0.609 χ^2/NDF: 18225.4/96

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.409+/-1.206 χ^2/NDF: 597.7/22

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 35.895+/-1.162 χ^2/NDF: 492.2/25

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

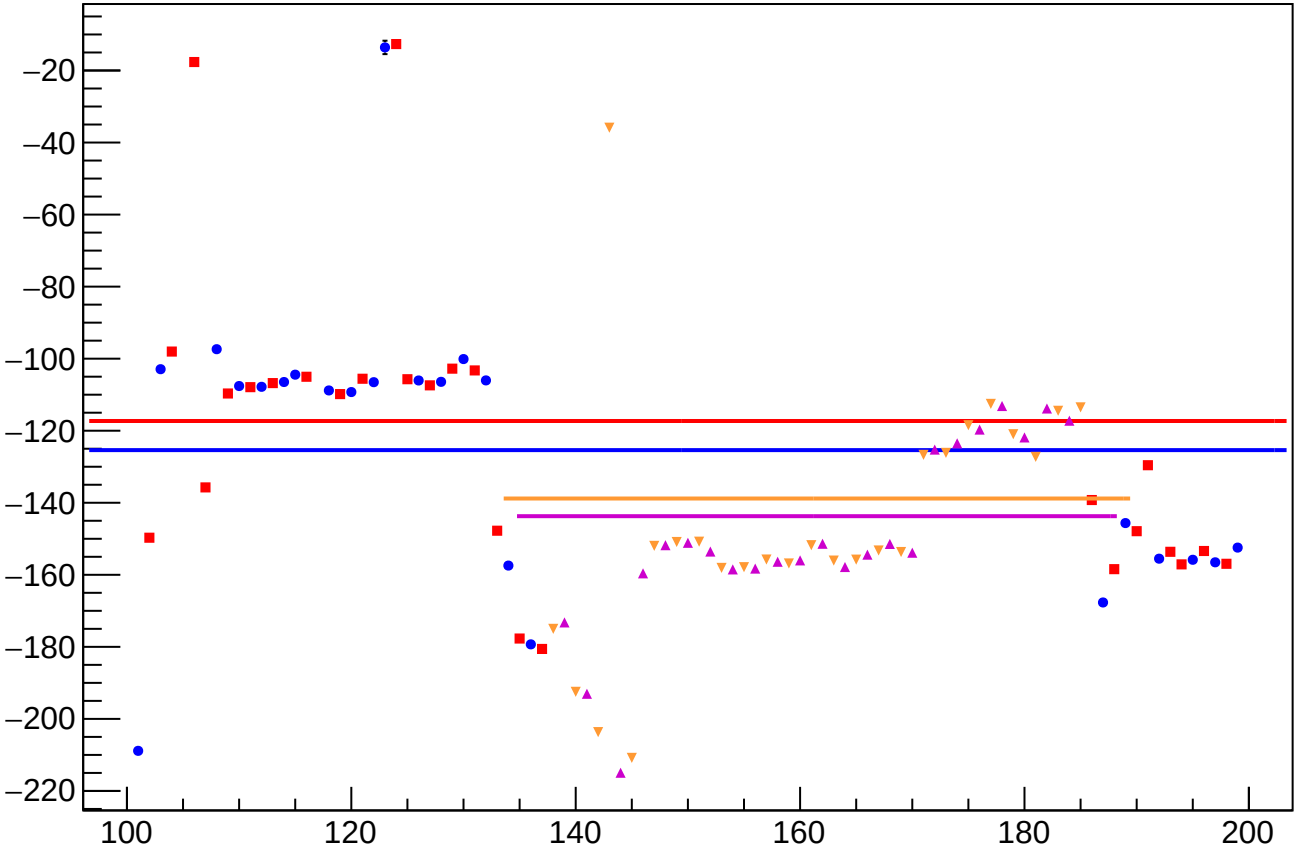
Right: 38.068+/-0.837 χ^2/NDF: 1097.1/48

In: 52.375+/-0.764 χ^2/NDF:1103.3/45

Out: 48.682+/-0.738 χ^2/NDF:1336.8/50

All: 50.465+/-0.531 χ^2/NDF: 2452.2/96

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -125.385+/-0.069 χ^2/NDF: 189766.1/22

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -117.301+/-0.063 χ^2/NDF: 425181.2/25

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

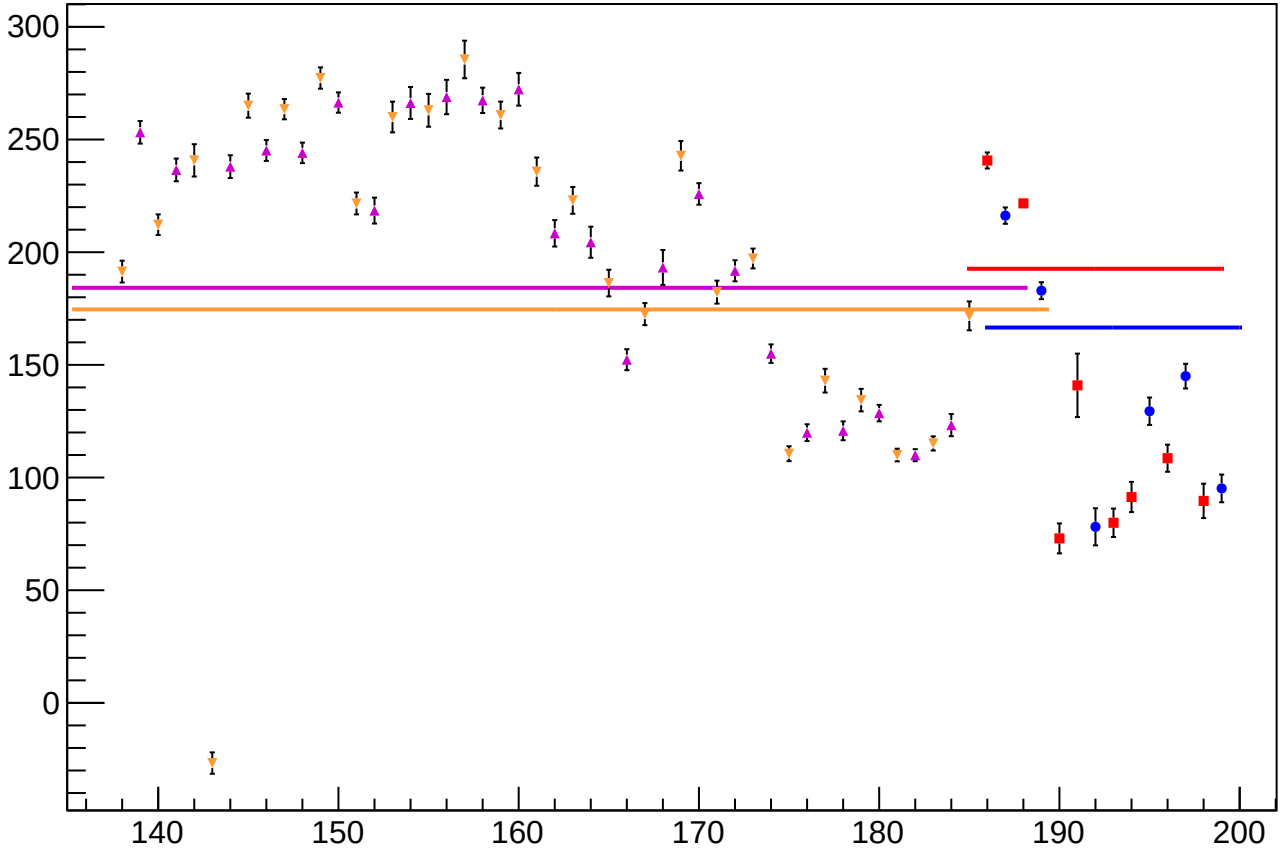
Right: -120.988+/-0.047 χ^2/NDF: 622416.3/48

In: -138.097+/-0.038 χ^2/NDF:499747.2/45

Out: -131.512+/-0.037 χ^2/NDF:1027355.8/50

All: -134.681+/-0.027 χ^2/NDF: 1542502.0/96

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 166.580+/-2.008 χ^2/NDF: 509.1/5

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 192.657+/-1.433 χ^2/NDF: 1686.7/7

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

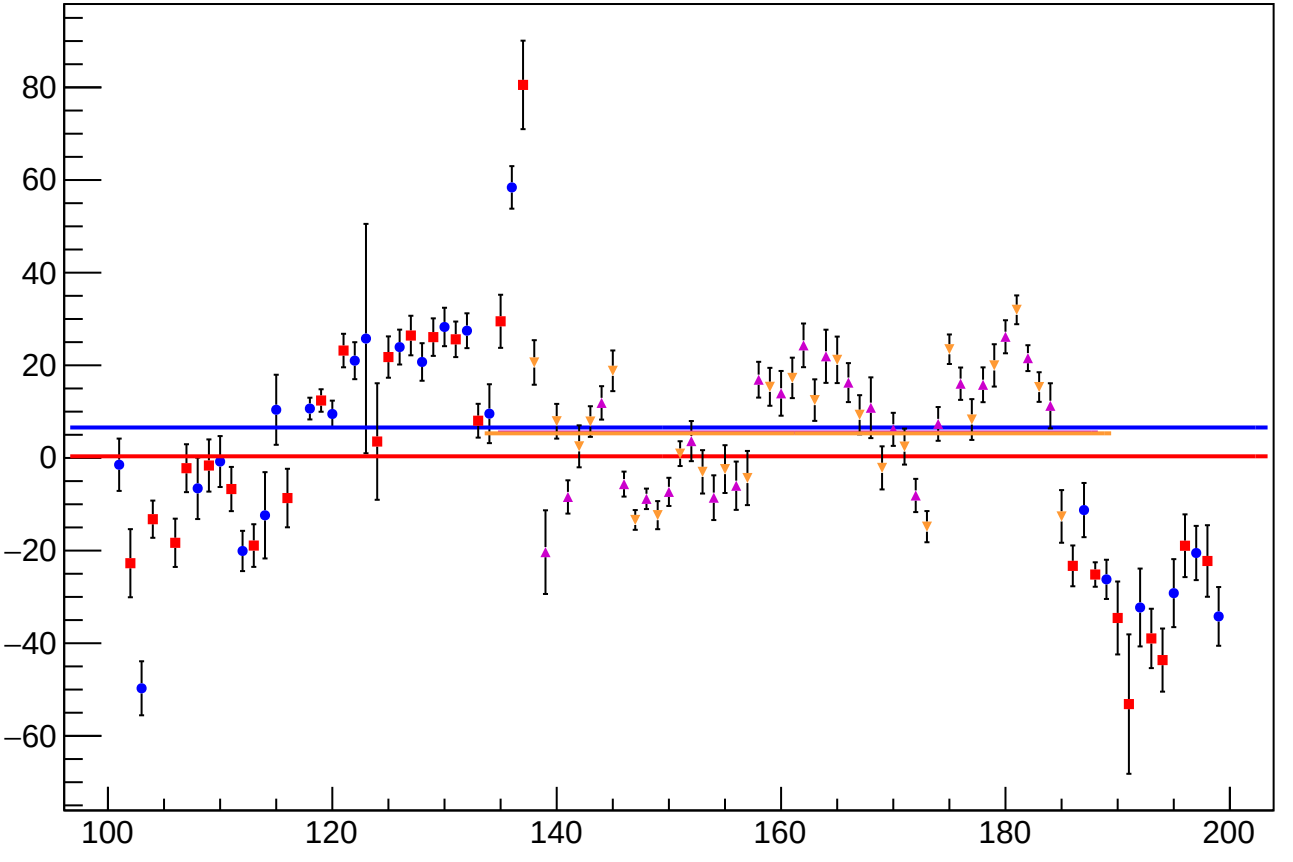
Right: 183.853+/-1.167 χ^2/NDF: 2307.5/13

In: 180.775+/-0.886 χ^2/NDF:4208.2/28

Out: 180.272+/-0.803 χ^2/NDF:7346.7/32

All: 180.499+/-0.595 χ^2/NDF: 11555.2/61

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.578+/-0.967 χ^2/NDF: 557.1/22

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 0.355+/-0.911 χ^2/NDF: 616.0/25

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

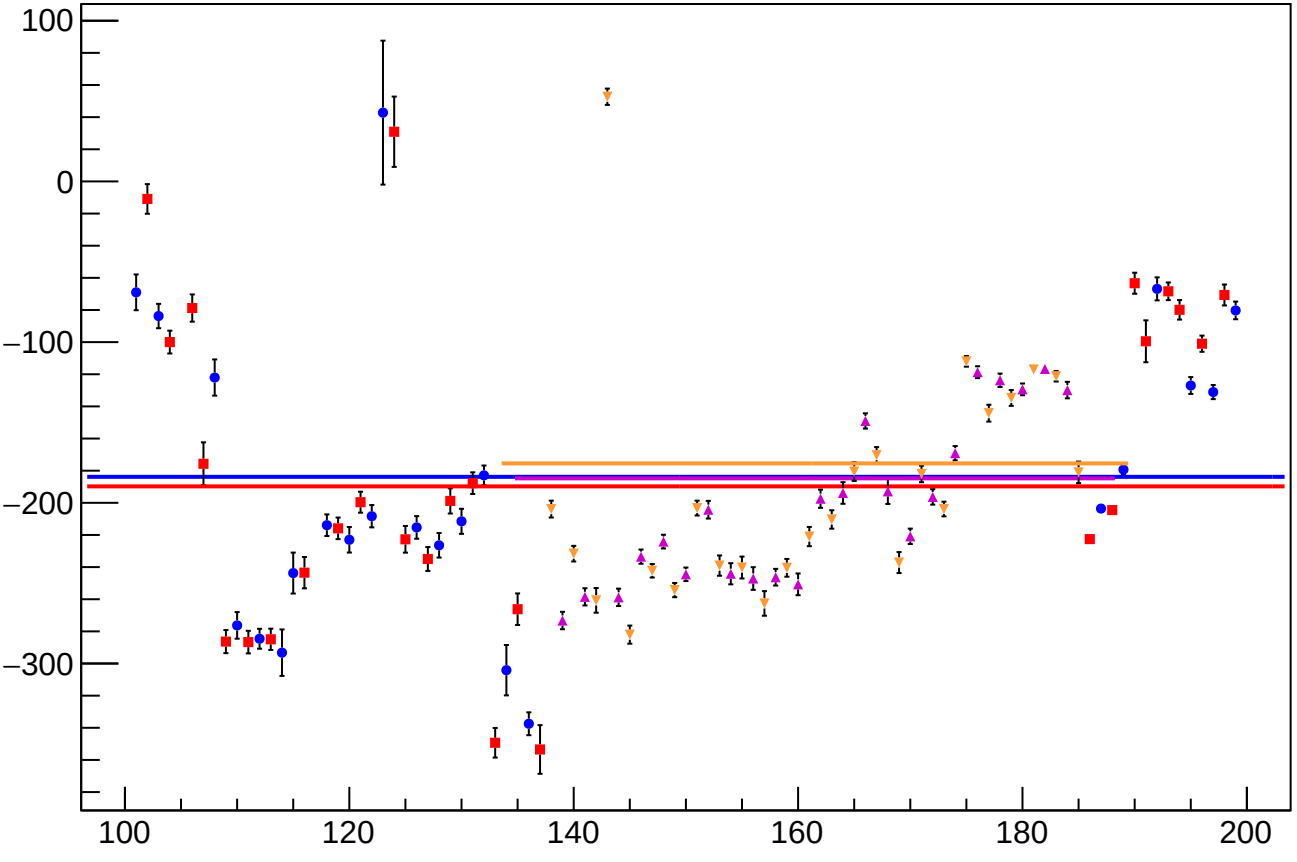
Right: 3.281+/-0.663 χ^2/NDF: 1195.0/48

In: 5.914+/-0.607 χ^2/NDF:816.9/45

Out: 3.309+/-0.579 χ^2/NDF:978.8/50

All: 4.551+/-0.419 χ^2/NDF: 1805.4/96

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -183.824+/-1.289 χ^2/NDF: 2380.7/22

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -189.767+/-1.005 χ^2/NDF: 4083.3/25

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

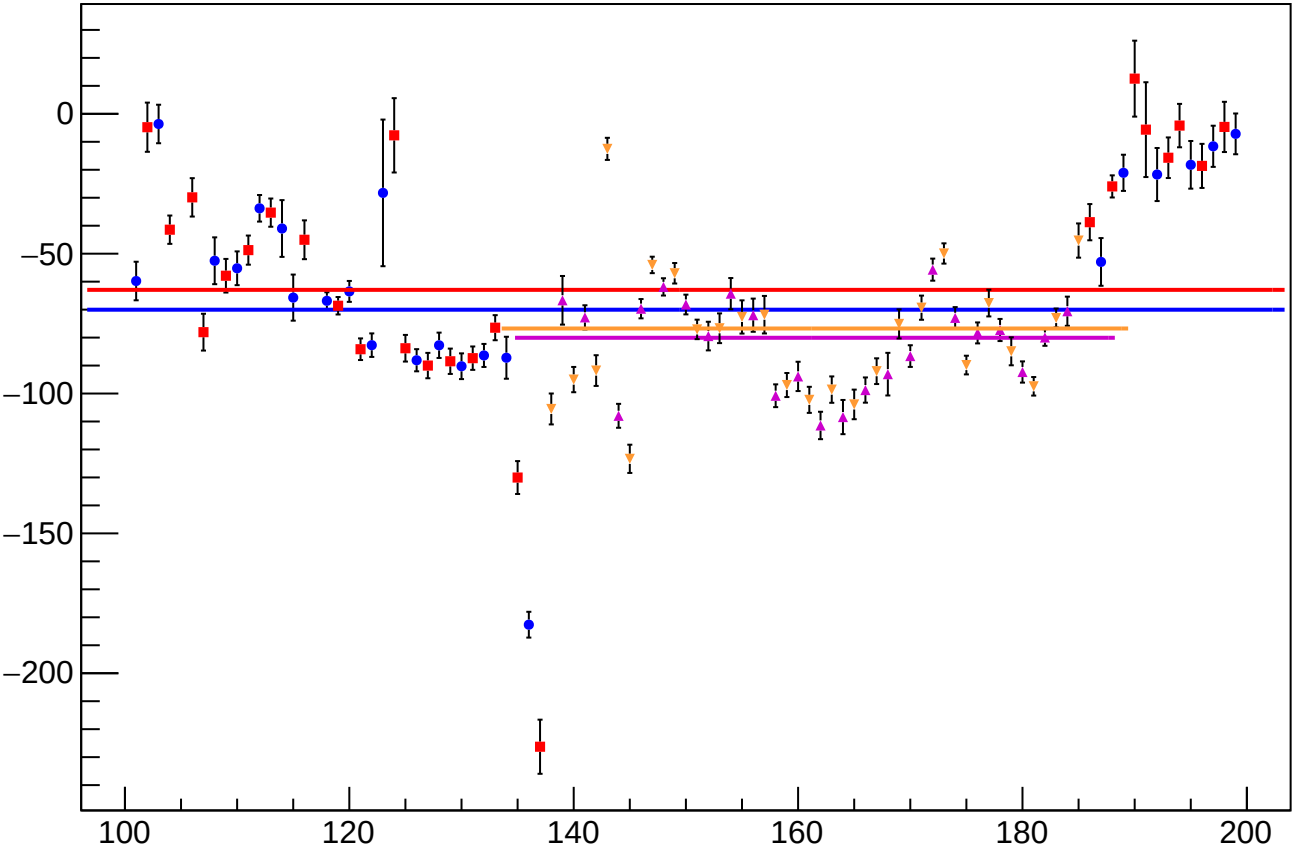
Right: -187.522+/-0.792 χ^2/NDF: 6477.2/48

In: -184.423+/-0.784 χ^2/NDF:5463.5/45

Out: -182.396+/-0.699 χ^2/NDF:9291.5/50

All: -183.294+/-0.522 χ^2/NDF: 14758.7/96

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -70.030+/-1.138 χ^2/NDF: 1114.8/22

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -62.935+/-1.088 χ^2/NDF: 1047.9/25

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

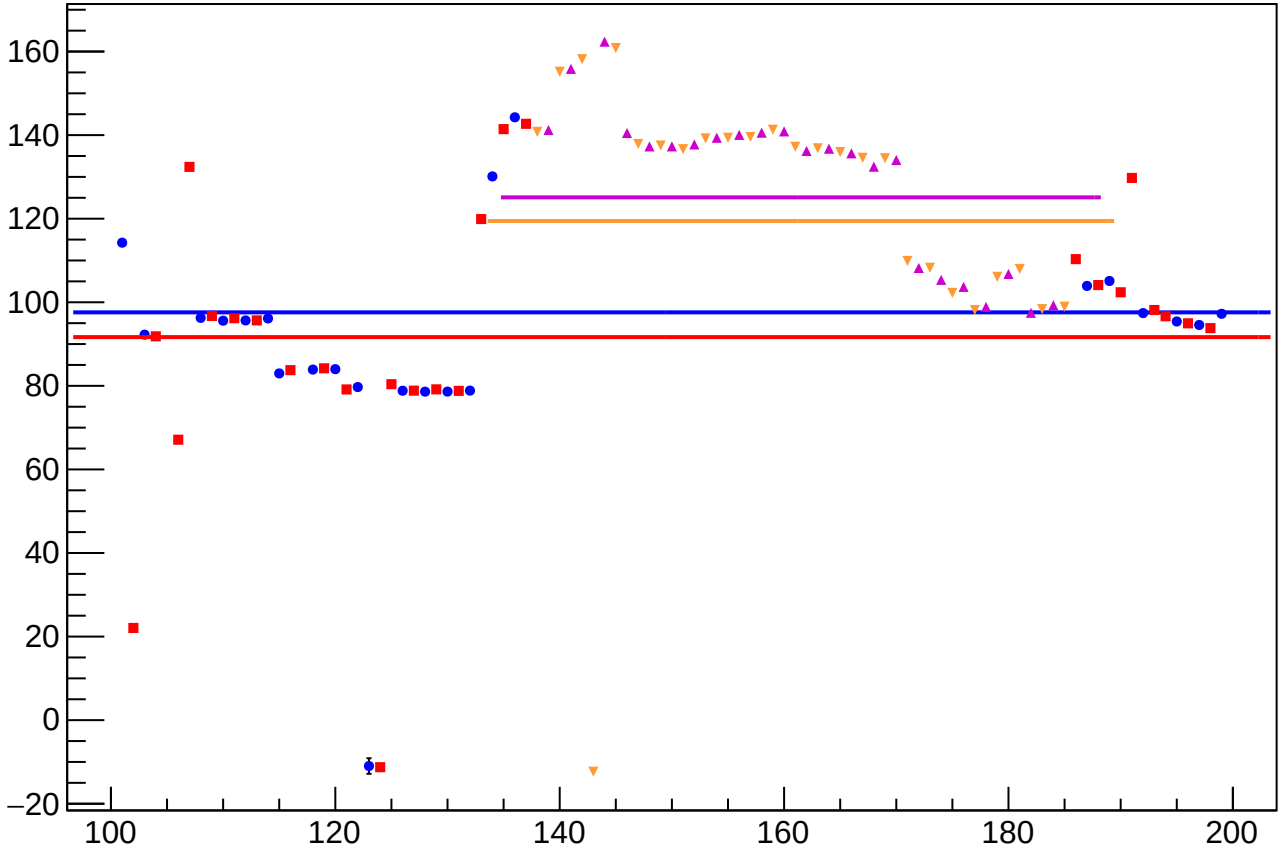
Right: -66.324+/-0.786 χ^2/NDF: 2183.0/48

In: -76.278+/-0.699 χ^2/NDF:1450.0/45

Out: -71.431+/-0.675 χ^2/NDF:1893.8/50

All: -73.769+/-0.486 χ^2/NDF: 3368.7/96

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.586+/-0.061 χ^2/NDF: 95528.9/22

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 91.661+/-0.056 χ^2/NDF: 240041.5/25

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

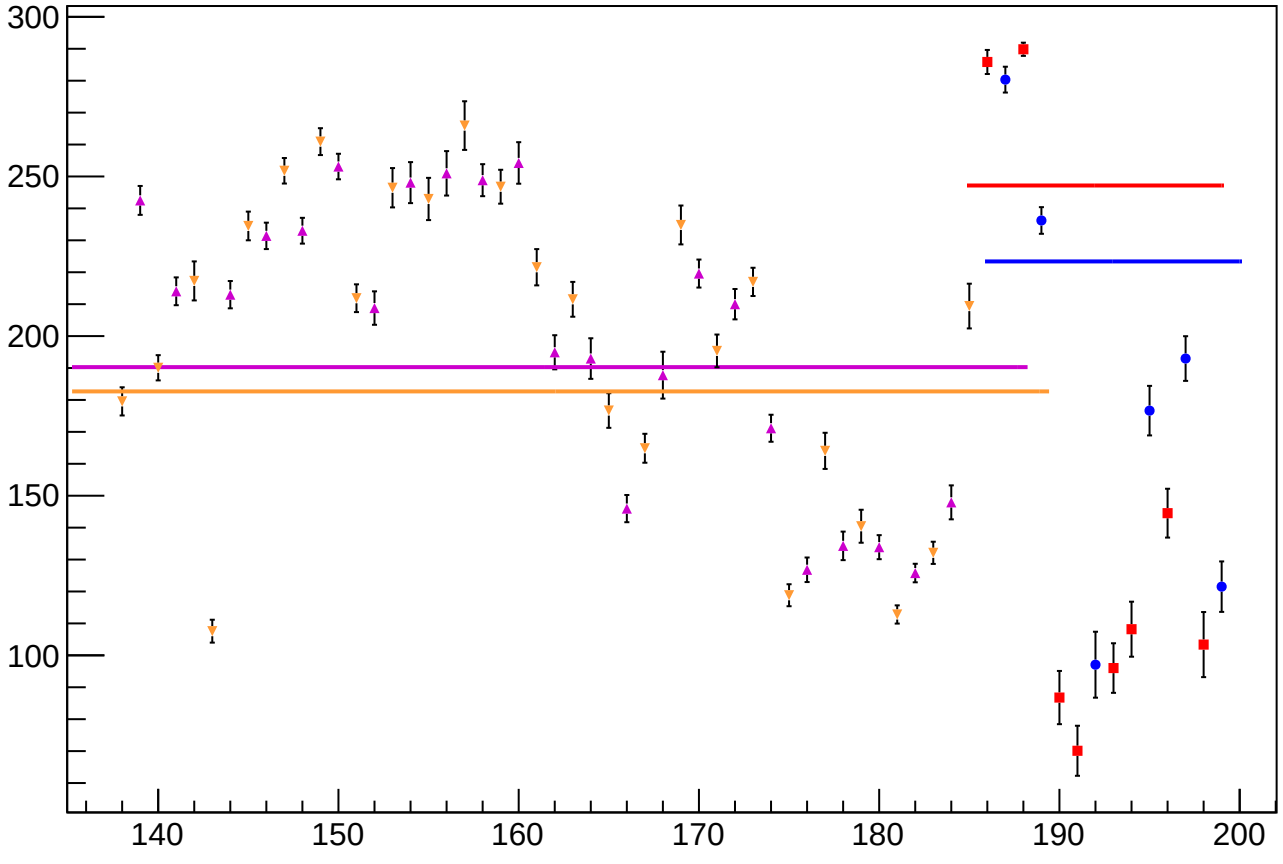
Right: 94.346+/-0.041 χ^2/NDF: 340690.2/48

In: 116.554+/-0.034 χ^2/NDF:457557.0/45

Out: 109.809+/-0.033 χ^2/NDF:1062397.3/50

All: 113.051+/-0.024 χ^2/NDF: 1540247.9/96

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 223.388+/-2.351 χ^2/NDF: 578.4/5

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 247.173+/-1.598 χ^2/NDF: 2429.6/7

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

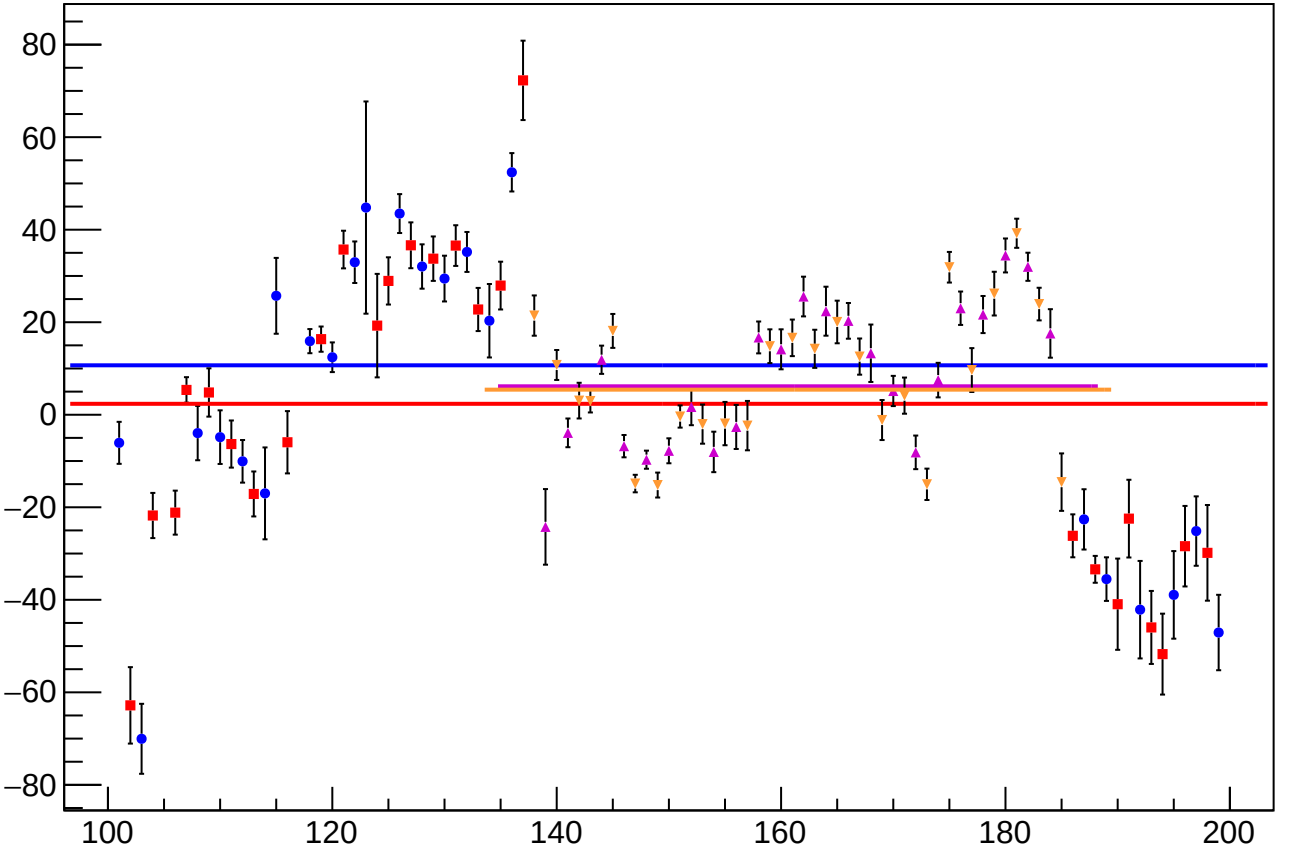
Right: 239.660+/-1.322 χ^2/NDF: 3078.0/13

In: 194.916+/-0.880 χ^2/NDF:3201.7/28

Out: 198.694+/-0.796 χ^2/NDF:6885.2/32

All: 196.993+/-0.590 χ^2/NDF: 10097.1/61

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.688+/-1.065 χ^2/NDF: 681.4/22

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 2.366+/-0.959 χ^2/NDF: 832.4/25

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

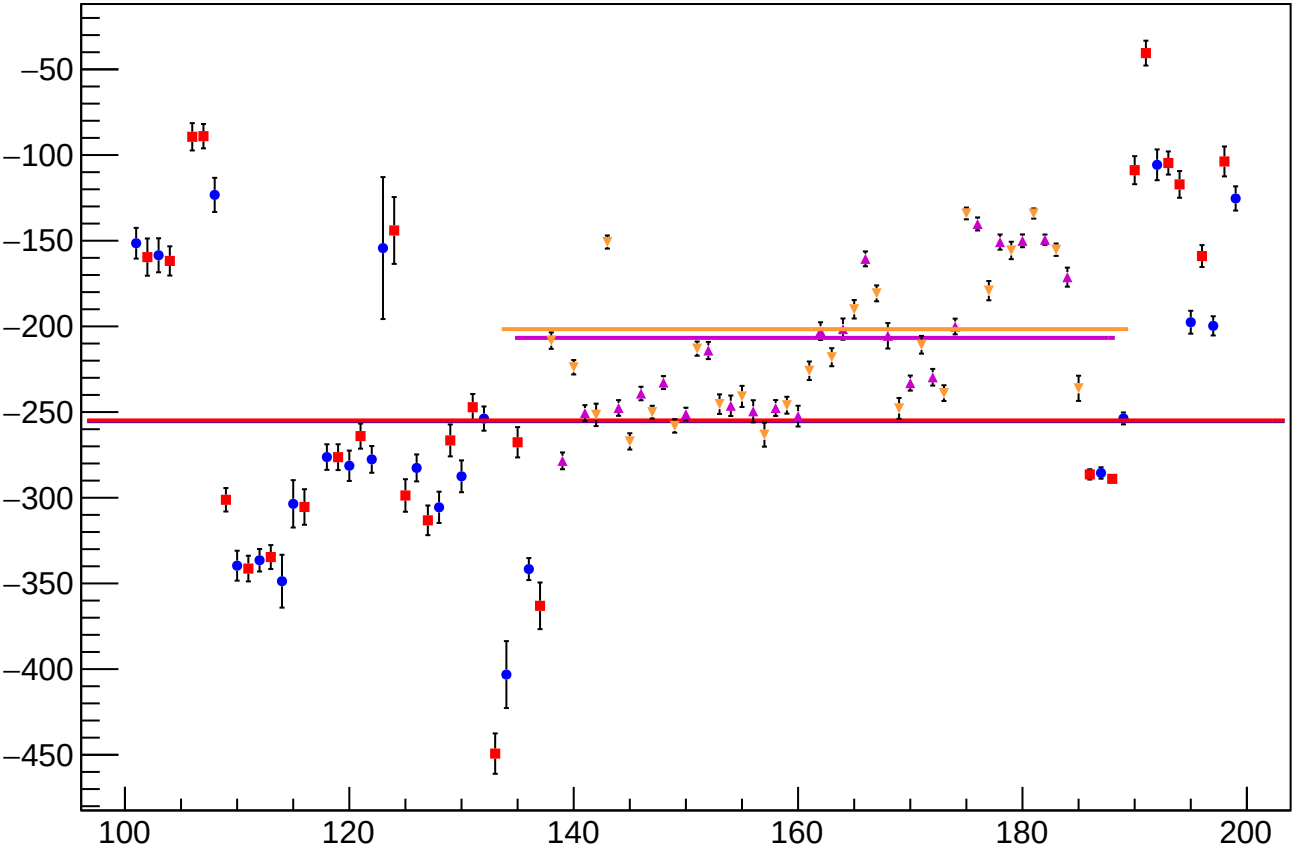
Right: 6.094+/-0.713 χ^2/NDF: 1547.6/48

In: 7.602+/-0.602 χ^2/NDF:1104.3/45

Out: 4.376+/-0.562 χ^2/NDF:1364.3/50

All: 5.877+/-0.411 χ^2/NDF: 2484.0/96

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -255.301+/-1.455 χ^2/NDF: 1895.4/22

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -254.874+/-1.100 χ^2/NDF: 5008.6/25

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

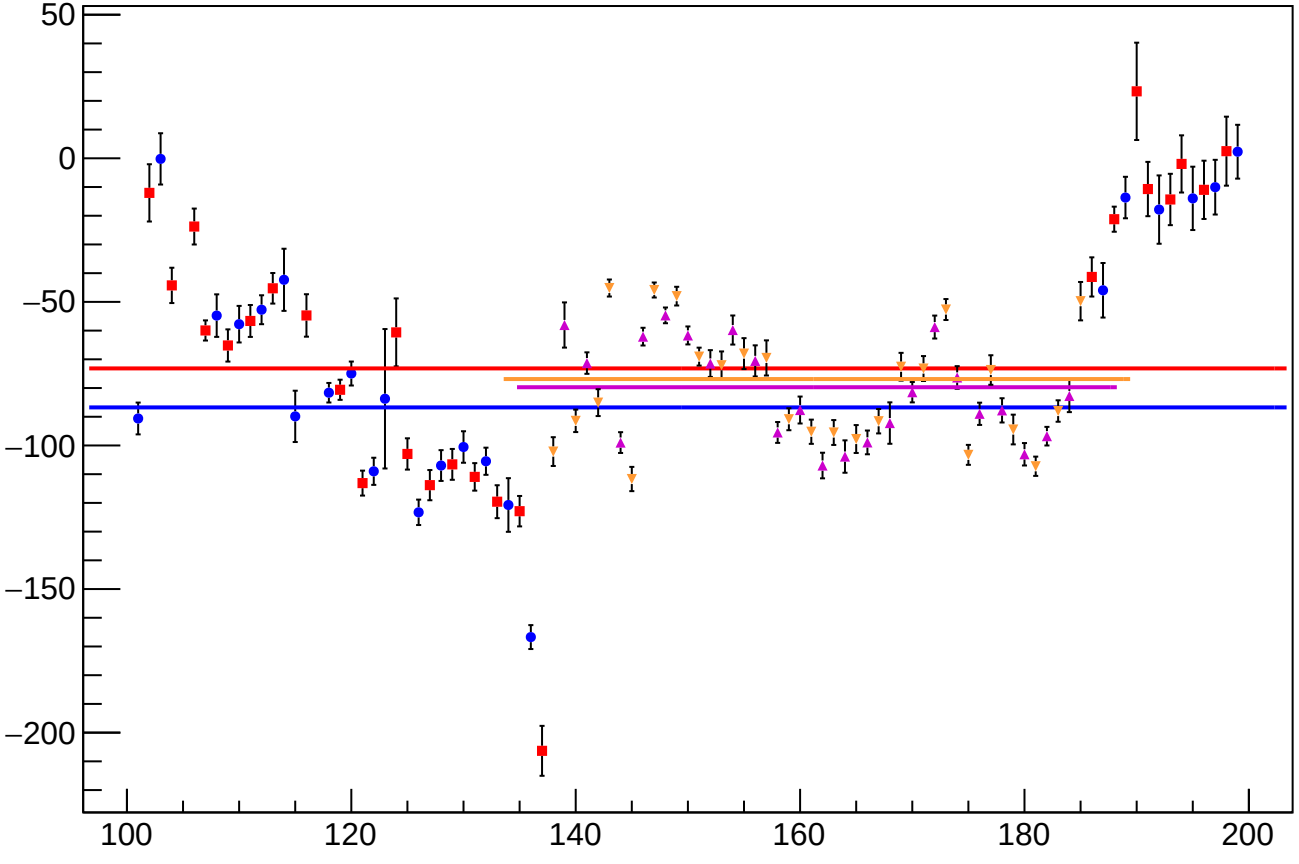
Right: -255.029+/-0.877 χ^2/NDF: 6904.0/48

In: -221.146+/-0.793 χ^2/NDF:4814.7/45

Out: -223.605+/-0.707 χ^2/NDF:8847.8/50

All: -222.517+/-0.528 χ^2/NDF: 13667.9/96

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.746+/-1.250 χ^2/NDF: 1068.1/22

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -73.168+/-1.149 χ^2/NDF: 1260.6/25

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

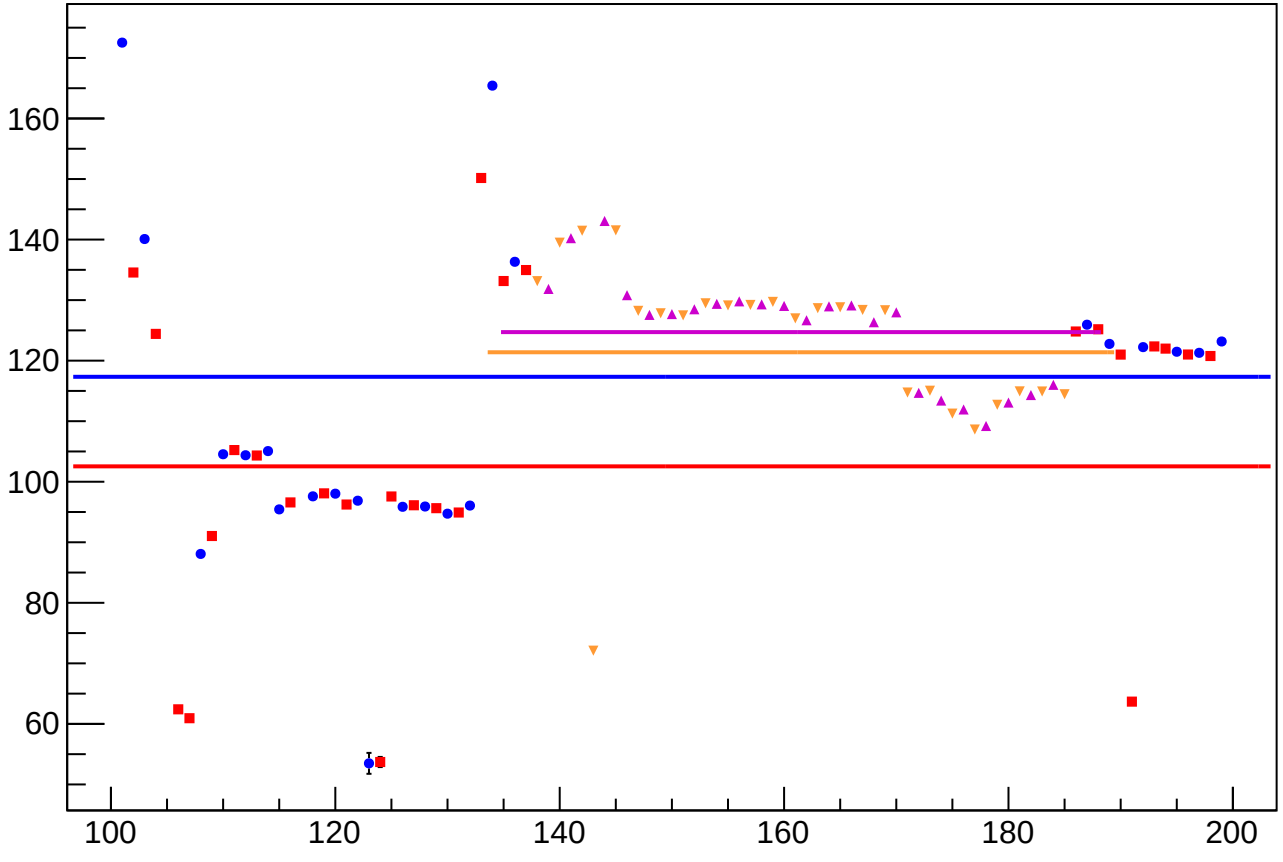
Right: -79.384+/-0.846 χ^2/NDF: 2392.7/48

In: -81.895+/-0.696 χ^2/NDF:1505.1/45

Out: -75.658+/-0.657 χ^2/NDF:2026.4/50

All: -78.600+/-0.478 χ^2/NDF: 3573.9/96

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.333+/-0.068 χ^2/NDF: 108259.3/22

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 102.539+/-0.058 χ^2/NDF: 223997.3/25

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

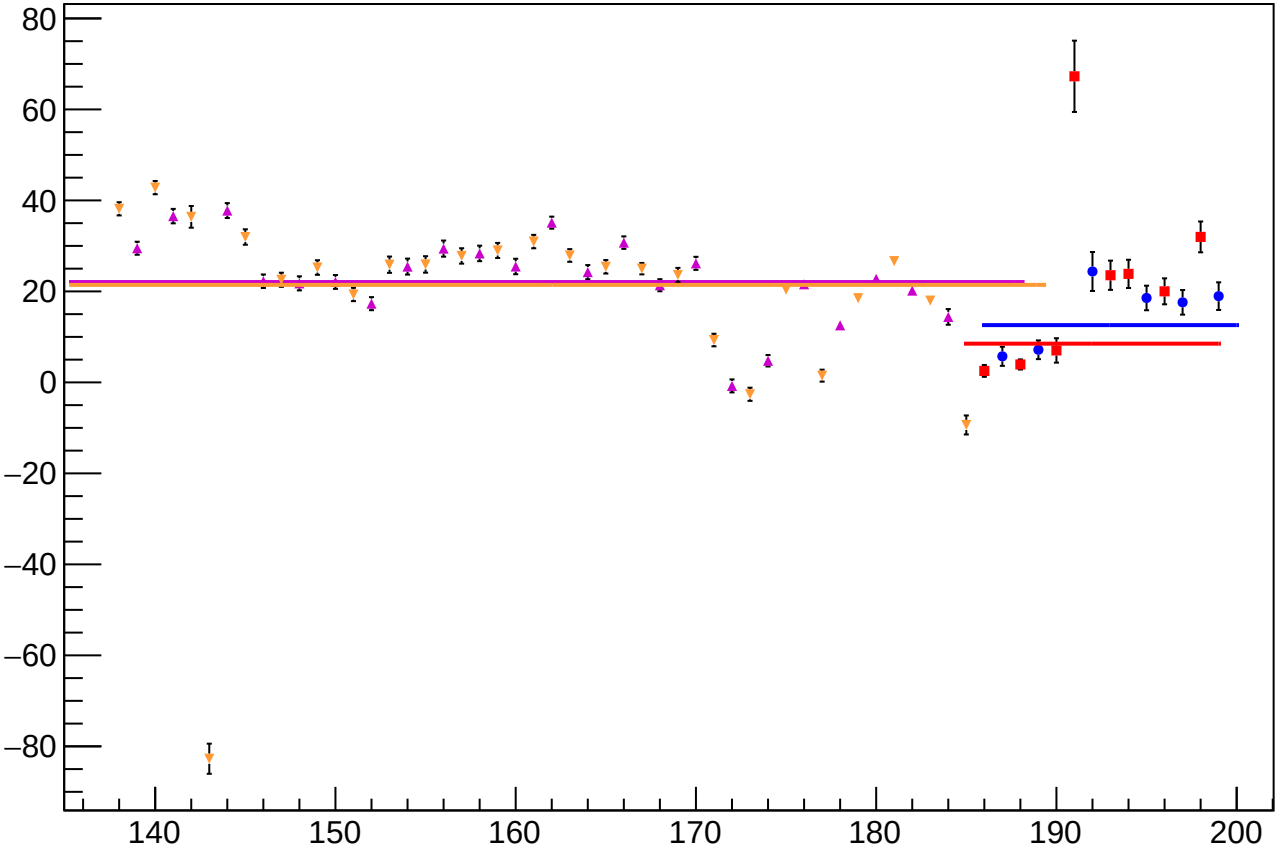
Right: 108.781+/-0.044 χ^2/NDF: 359504.4/48

In: 122.887+/-0.034 χ^2/NDF:168840.6/45

Out: 115.701+/-0.032 χ^2/NDF:462066.2/50

All: 119.084+/-0.023 χ^2/NDF: 654689.1/96

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.588+/-1.054 χ^2/NDF: 37.9/5

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 8.511+/-0.713 χ^2/NDF: 205.4/7

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

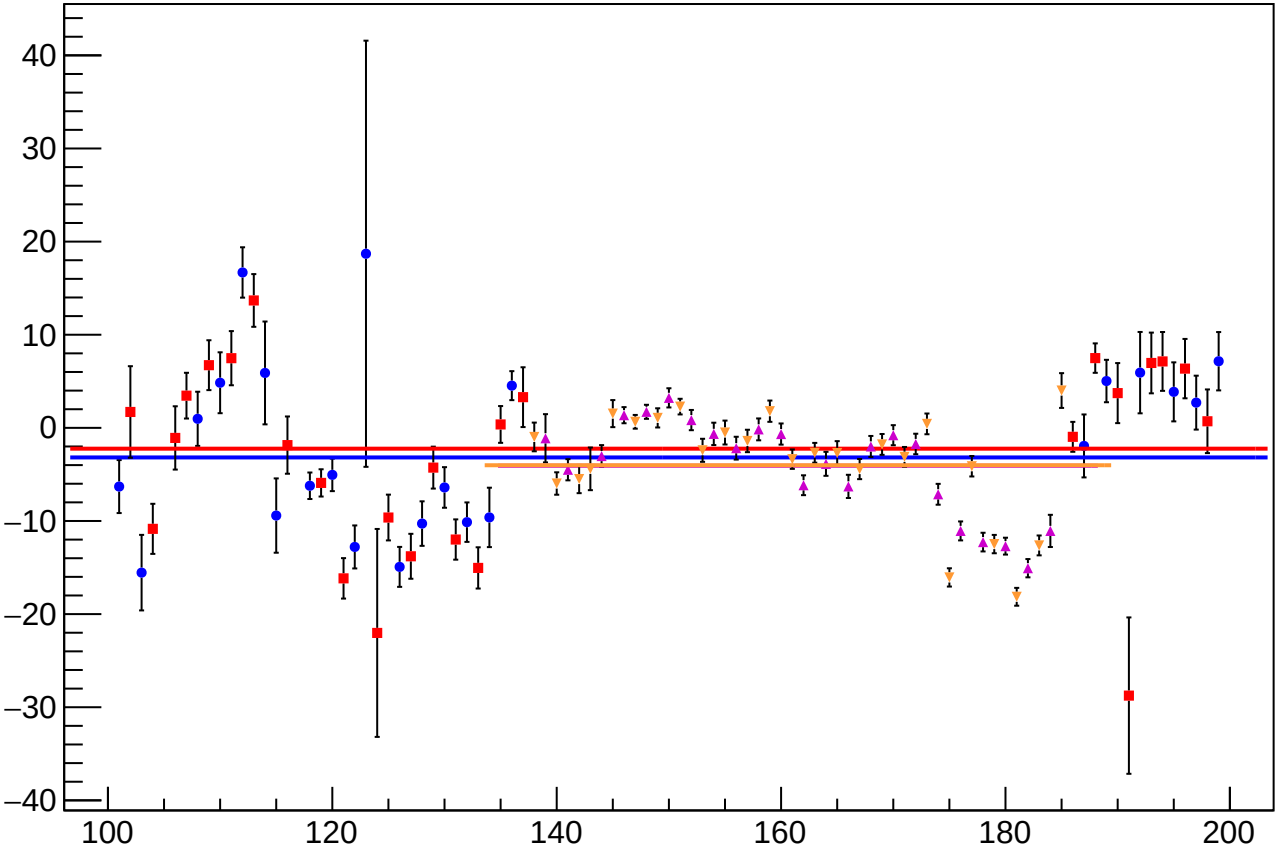
Right: 9.790+/-0.590 χ^2/NDF: 253.6/13

In: 21.413+/-0.274 χ^2/NDF:1054.4/28

Out: 19.679+/-0.263 χ^2/NDF:2895.7/32

All: 20.508+/-0.190 χ^2/NDF: 3970.9/61

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.177+/-0.525 χ^2/NDF: 219.4/22

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.236+/-0.489 χ^2/NDF: 288.9/25

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

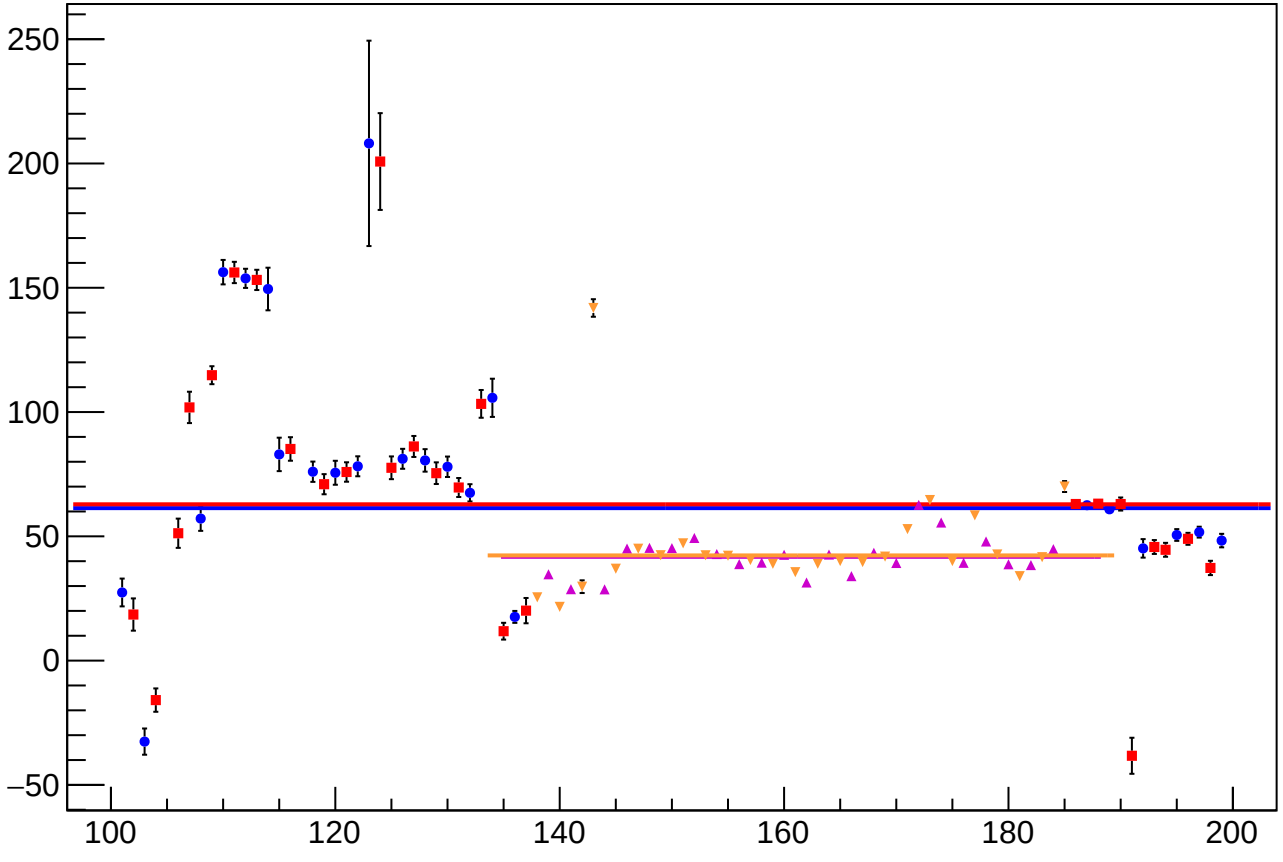
Right: -2.673+/-0.358 χ^2/NDF: 510.1/48

In: -3.928+/-0.209 χ^2/NDF:801.9/45

Out: -3.708+/-0.203 χ^2/NDF:1031.6/50

All: -3.815+/-0.146 χ^2/NDF: 1834.1/96

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.346+/-0.688 χ^2/NDF: 1982.0/22

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 62.888+/-0.516 χ^2/NDF: 2421.2/25

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

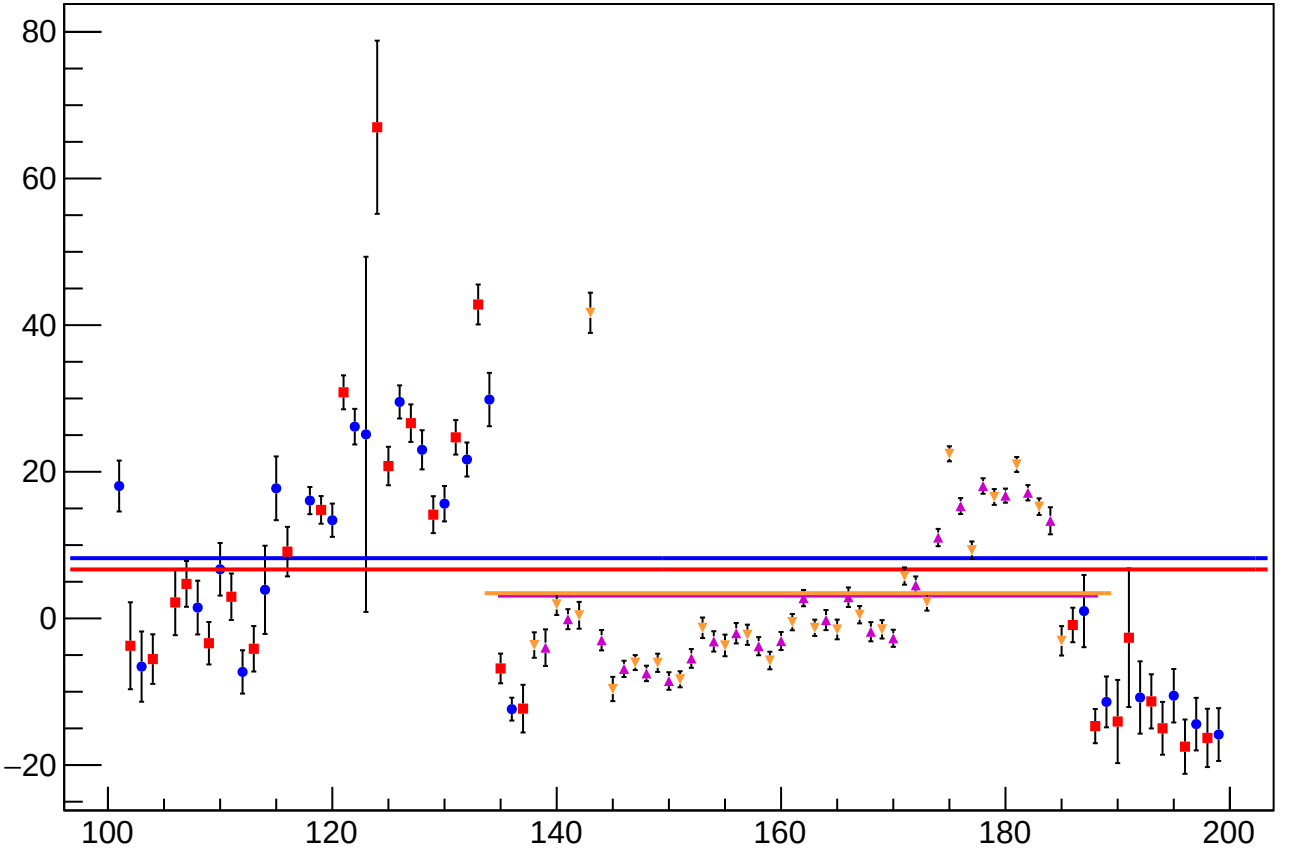
Right: 62.332+/-0.413 χ^2/NDF: 4406.4/48

In: 44.589+/-0.262 χ^2/NDF:3334.8/45

Out: 47.047+/-0.248 χ^2/NDF:5498.0/50

All: 45.887+/-0.180 χ^2/NDF: 8879.4/96

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.215+/-0.608 χ^2/NDF: 664.0/22

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 6.680+/-0.582 χ^2/NDF: 853.0/25

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

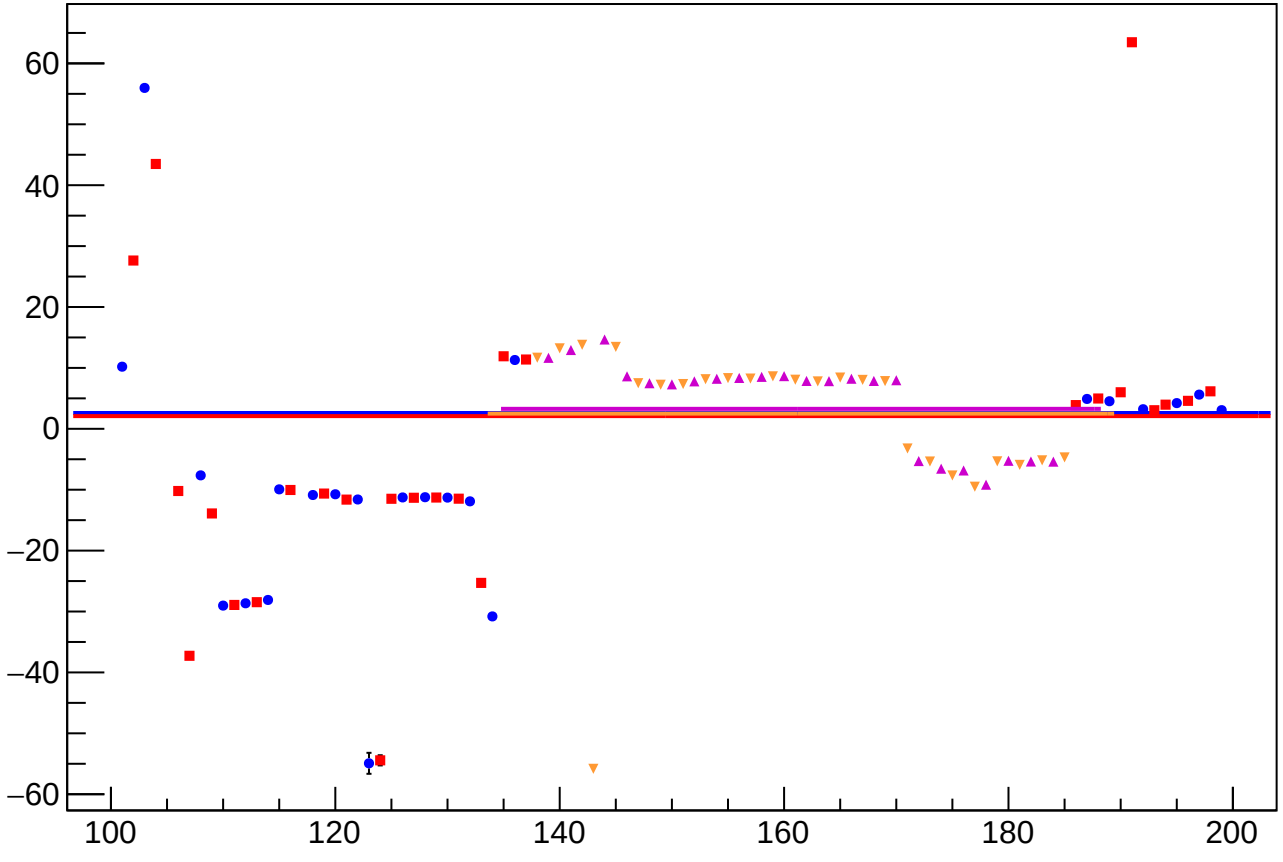
Right: 7.413+/-0.420 χ^2/NDF: 1520.3/48

In: 3.883+/-0.236 χ^2/NDF:1996.8/45

Out: 3.953+/-0.232 χ^2/NDF:2526.8/50

All: 3.919+/-0.165 χ^2/NDF: 4523.6/96

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.597+/-0.030 χ^2/NDF: 360963.8/22

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 2.084+/-0.029 χ^2/NDF: 425152.7/25

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

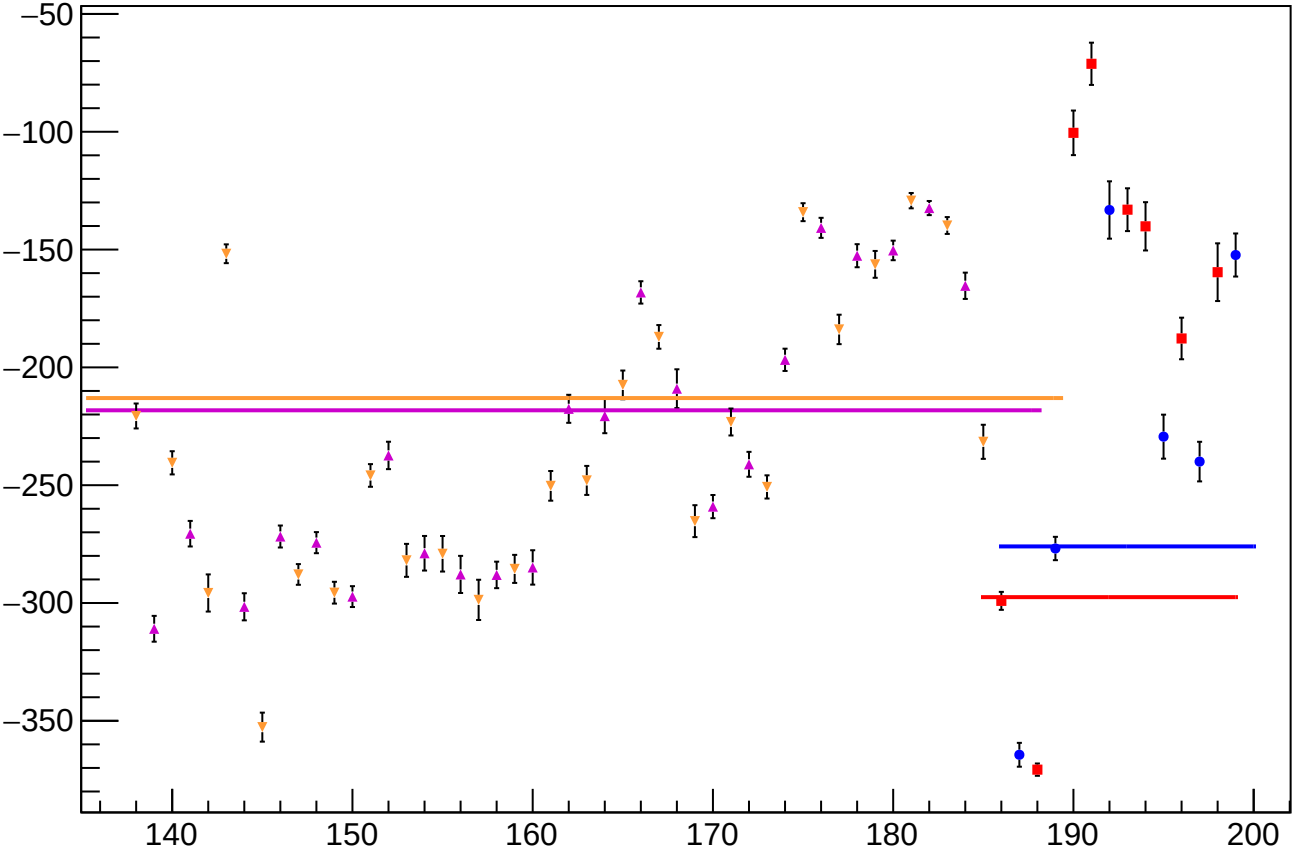
Right: 2.328+/-0.021 χ^2/NDF: 786265.9/48

In: 3.194+/-0.011 χ^2/NDF:771010.4/45

Out: 2.440+/-0.011 χ^2/NDF:1013466.6/50

All: 2.813+/-0.008 χ^2/NDF: 1786921.5/96

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -275.985+/-2.839 χ^2/NDF: 669.1/5

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -297.513+/-1.889 χ^2/NDF: 2701.8/7

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

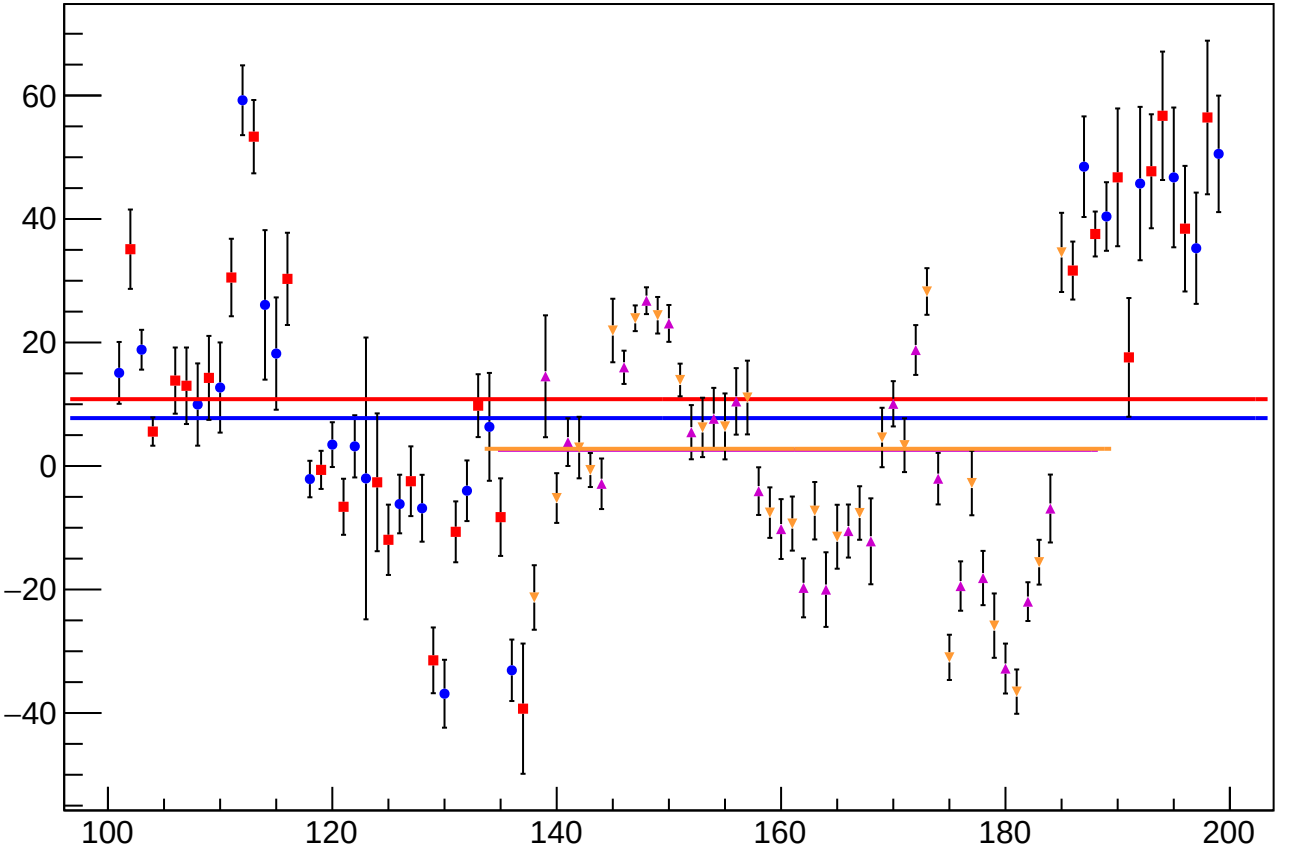
Right: -290.904+/-1.573 χ^2/NDF: 3410.8/13

In: -225.319+/-0.995 χ^2/NDF:4531.3/28

Out: -232.538+/-0.908 χ^2/NDF:8066.2/32

All: -229.259+/-0.671 χ^2/NDF: 12626.3/61

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.756+/-1.154 χ^2/NDF: 380.2/22

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 10.823+/-1.043 χ^2/NDF: 394.5/25

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

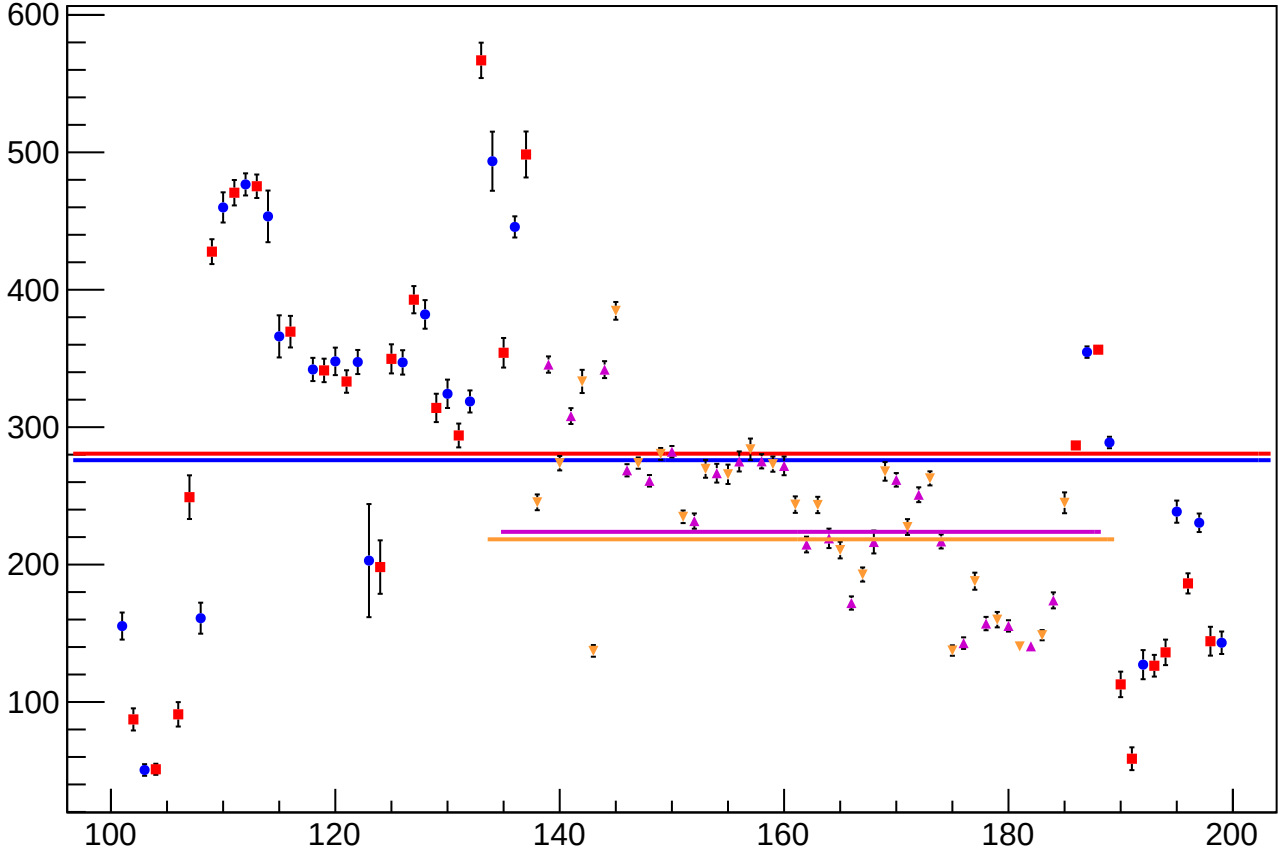
Right: 9.443+/-0.774 χ^2/NDF: 778.6/48

In: 4.345+/-0.669 χ^2/NDF:871.0/45

Out: 5.669+/-0.625 χ^2/NDF:1014.6/50

All: 5.052+/-0.456 χ^2/NDF: 1887.7/96

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 275.972+/-1.612 χ^2/NDF: 6008.7/22

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 280.717+/-1.244 χ^2/NDF: 9849.7/25

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

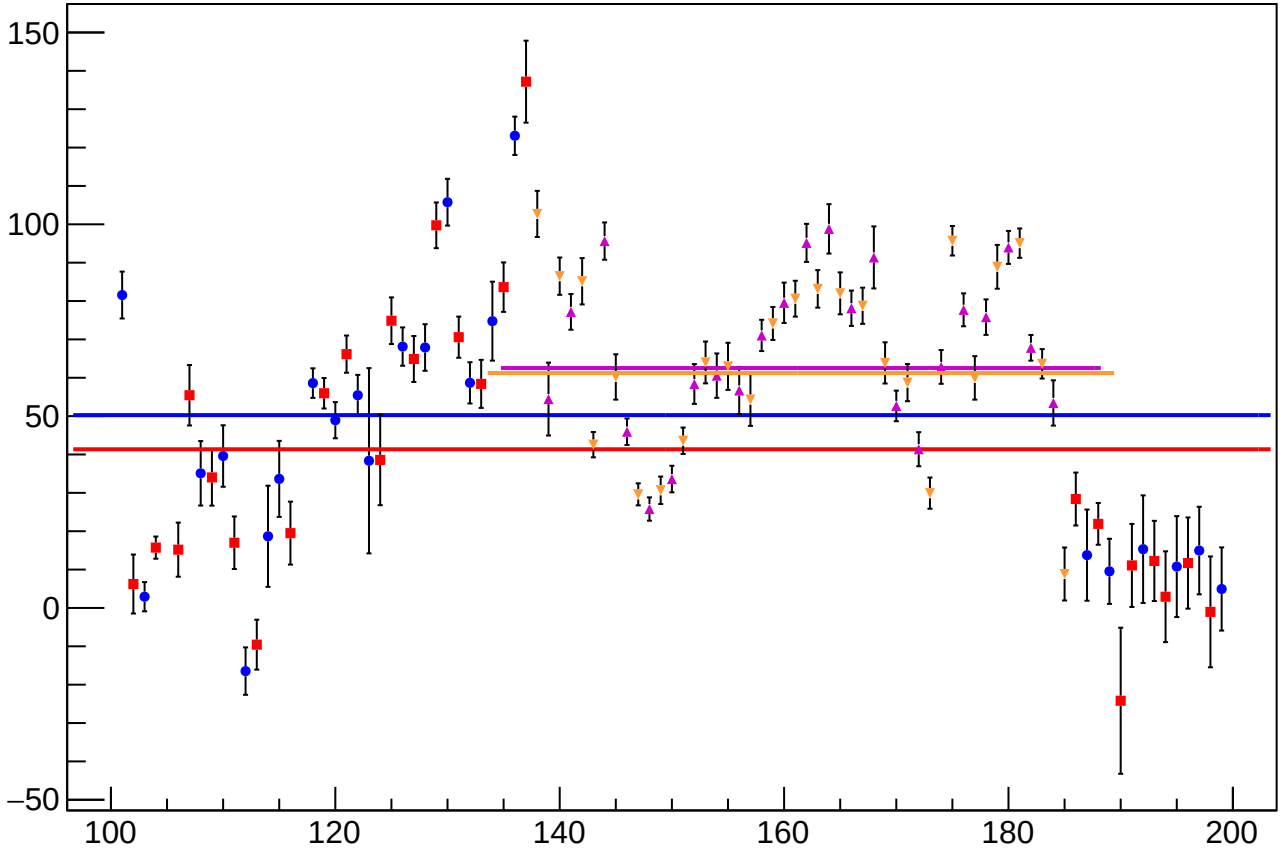
Right: 278.946+/-0.985 χ^2/NDF: 15863.8/48

In: 239.536+/-0.885 χ^2/NDF:10184.5/45

Out: 243.969+/-0.797 χ^2/NDF:15026.9/50

All: 241.983+/-0.592 χ^2/NDF: 25225.3/96

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 50.259+/-1.356 χ^2/NDF: 716.3/22

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 41.364+/-1.255 χ^2/NDF: 609.7/25

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

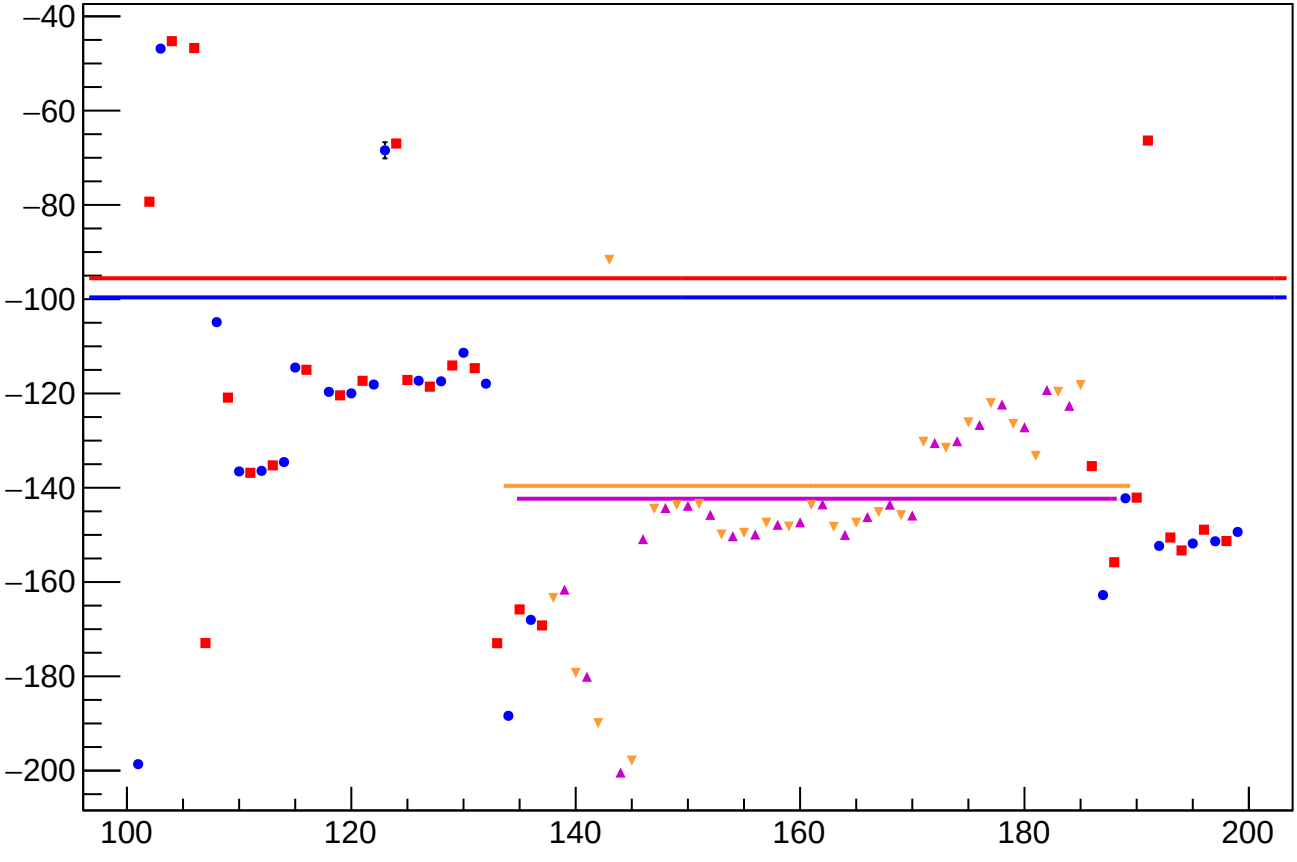
Right: 45.467+/-0.921 χ^2/NDF: 1349.2/48

In: 58.552+/-0.773 χ^2/NDF:1291.6/45

Out: 54.465+/-0.733 χ^2/NDF:1493.8/50

All: 56.401+/-0.532 χ^2/NDF: 2800.2/96

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -99.619+/-0.062 χ^2/NDF: 645873.5/22

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -95.558+/-0.058 χ^2/NDF: 669717.2/25

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

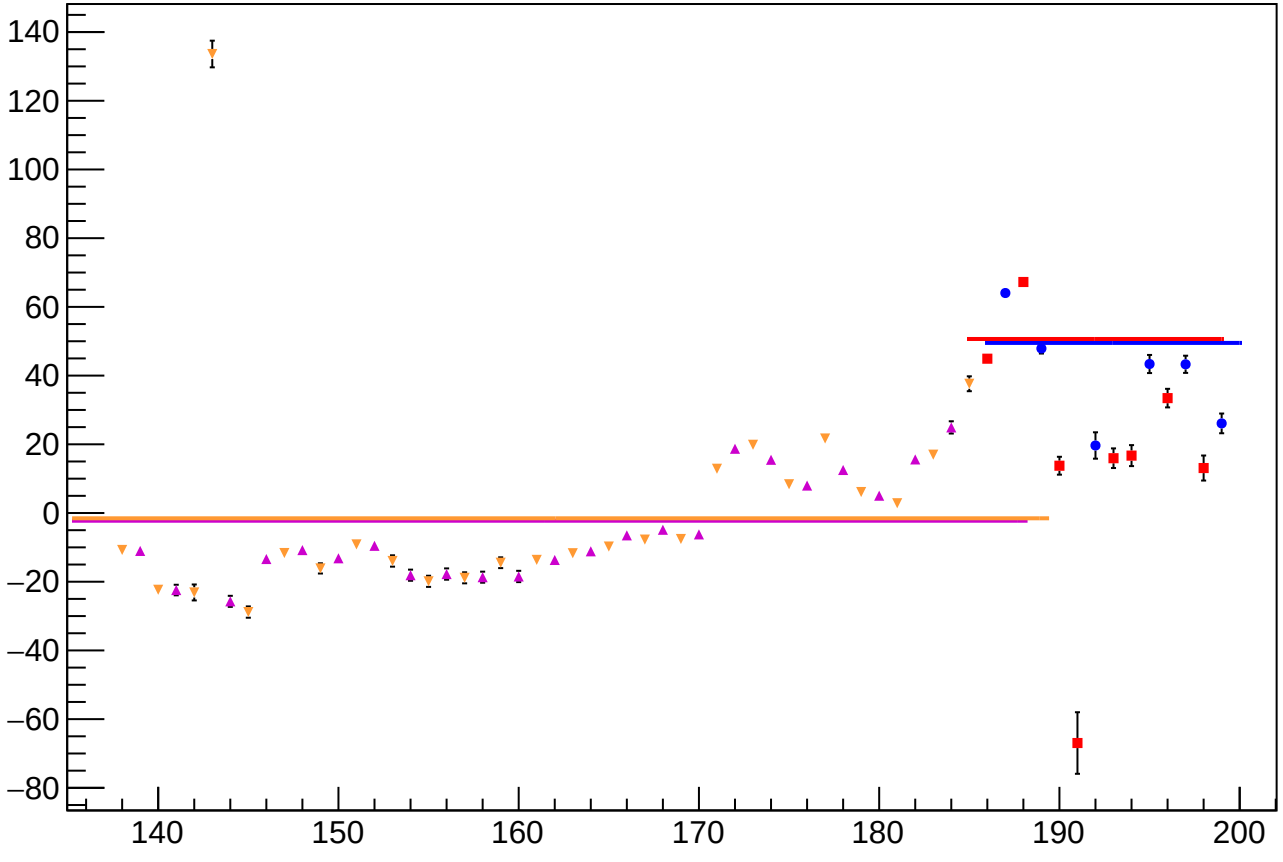
Right: -97.441+/-0.043 χ^2/NDF: 1317859.6/48

In: -128.196+/-0.036 χ^2/NDF:1103544.8/45

Out: -123.943+/-0.035 χ^2/NDF:1284343.6/50

All: -125.990+/-0.025 χ^2/NDF: 2395158.0/96

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 49.514+/-0.826 χ^2/NDF: 248.6/5

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 50.659+/-0.527 χ^2/NDF: 1293.8/7

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

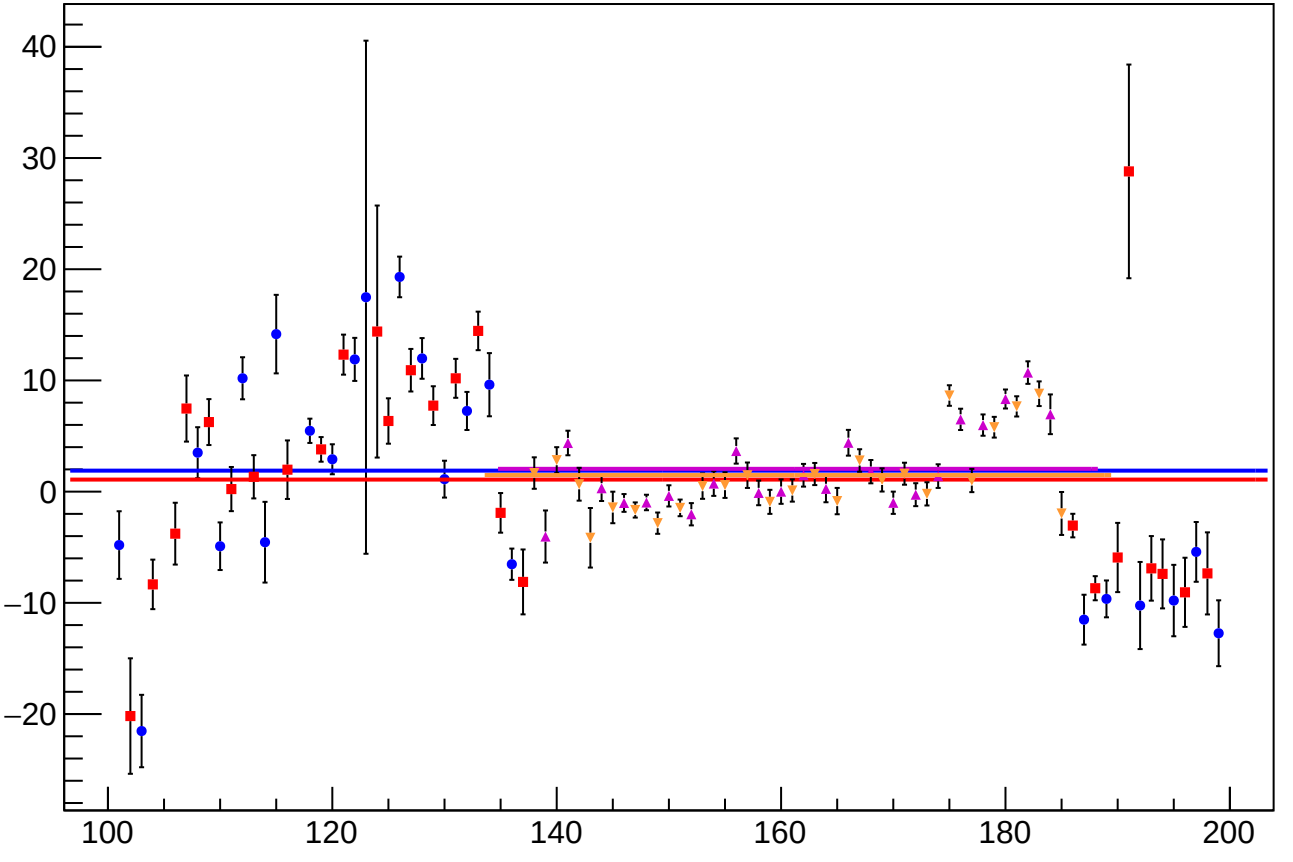
Right: 50.328+/-0.444 χ^2/NDF: 1543.8/13

In: 2.741+/-0.256 χ^2/NDF:6361.9/28

Out: 9.181+/-0.239 χ^2/NDF:13230.9/32

All: 6.189+/-0.175 χ^2/NDF: 19931.1/61

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.888+/-0.422 χ^2/NDF: 453.6/22

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 1.084+/-0.386 χ^2/NDF: 383.1/25

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

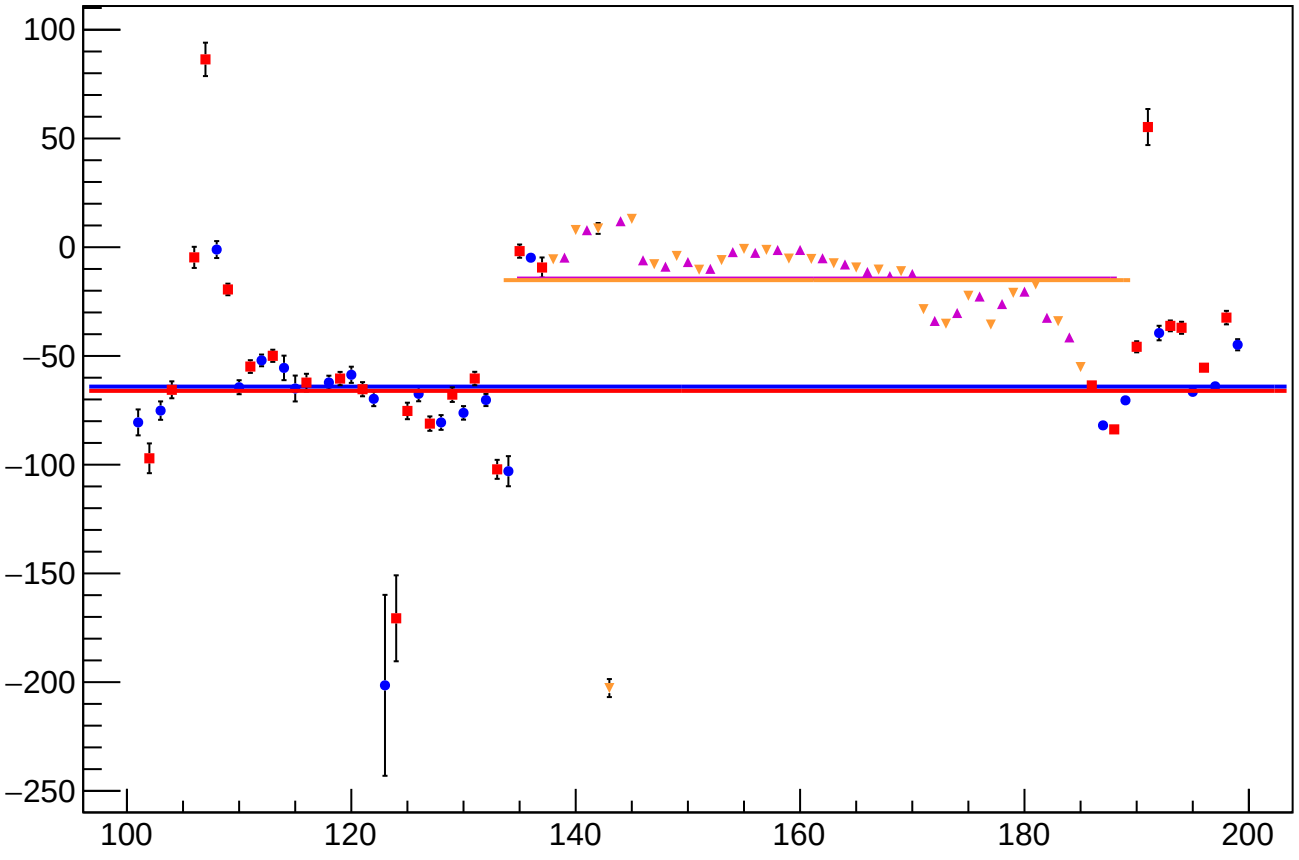
Right: 1.451+/-0.285 χ^2/NDF: 838.7/48

In: 2.018+/-0.191 χ^2/NDF:729.1/45

Out: 1.398+/-0.185 χ^2/NDF:642.3/50

All: 1.697+/-0.133 χ^2/NDF: 1376.8/96

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.096+/-0.539 χ^2/NDF: 1520.4/22

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -66.061+/-0.384 χ^2/NDF: 3148.9/25

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

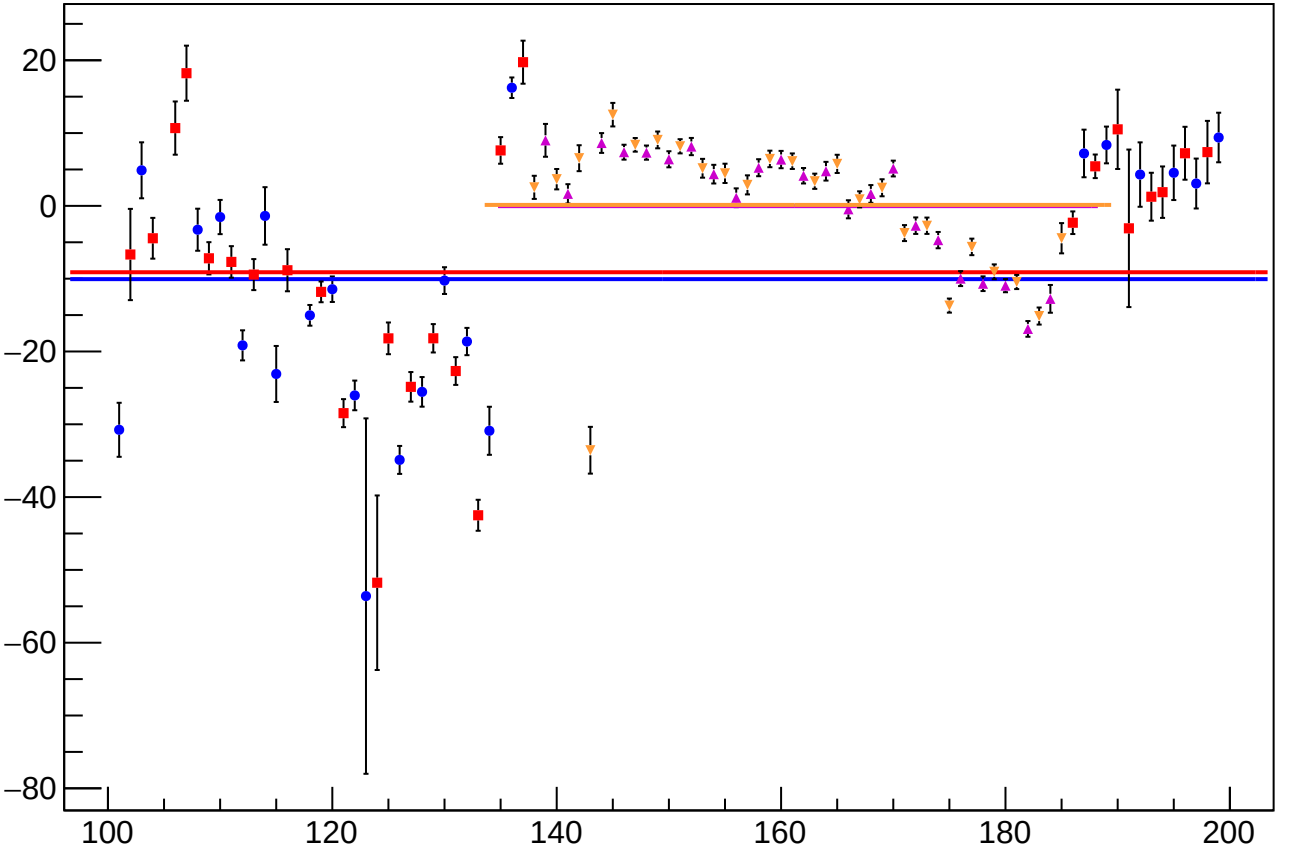
Right: -65.400+/-0.313 χ^2/NDF: 4678.2/48

In: -24.275+/-0.240 χ^2/NDF:10403.0/45

Out: -31.735+/-0.219 χ^2/NDF:19467.2/50

All: -28.344+/-0.162 χ^2/NDF: 30397.3/96

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.063+/-0.494 χ^2/NDF: 965.7/22

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -9.115+/-0.467 χ^2/NDF: 945.4/25

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

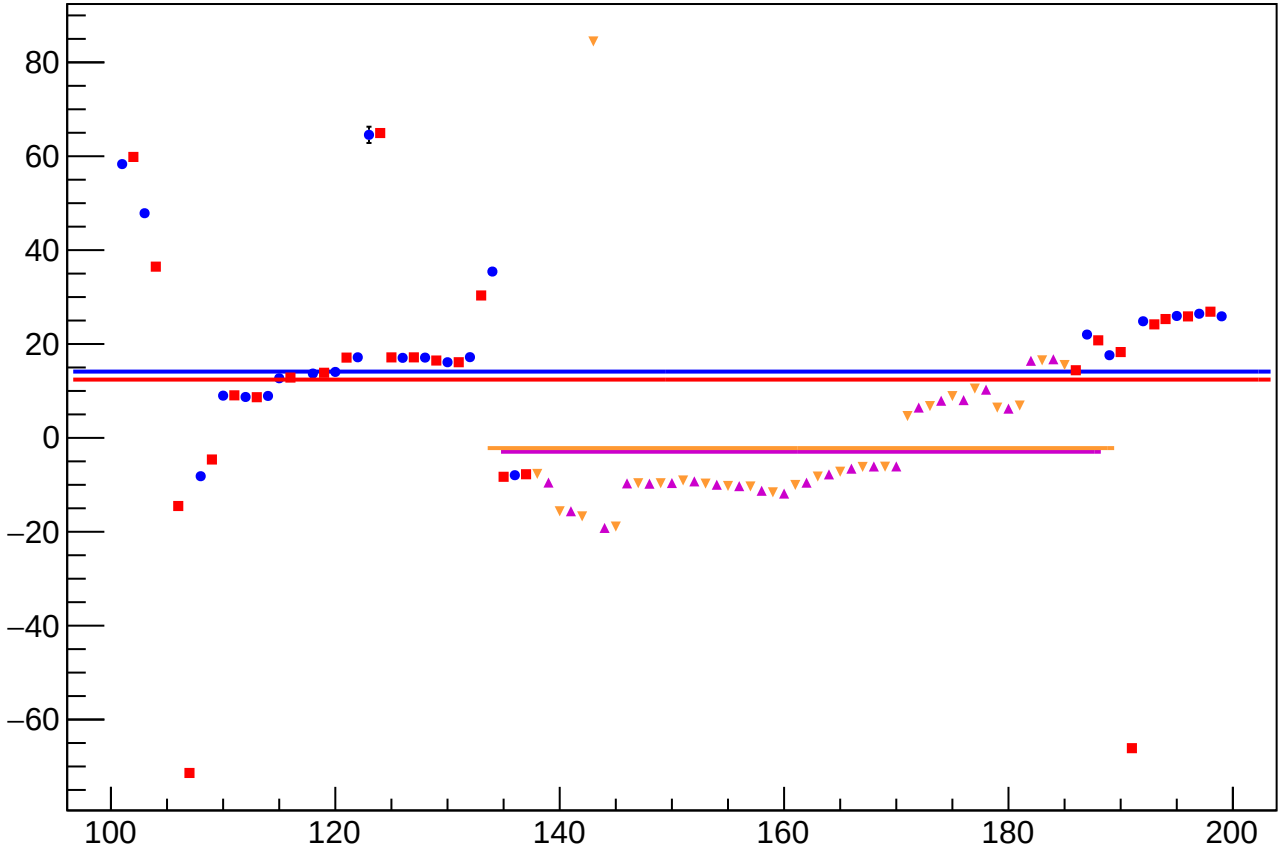
Right: -9.562+/-0.339 χ^2/NDF: 1913.1/48

In: -1.983+/-0.218 χ^2/NDF:2325.7/45

Out: -1.780+/-0.212 χ^2/NDF:2403.7/50

All: -1.879+/-0.152 χ^2/NDF: 4729.9/96

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 14.124+/-0.026 χ^2/NDF: 440421.1/22

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 12.419+/-0.025 χ^2/NDF: 699384.5/25

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

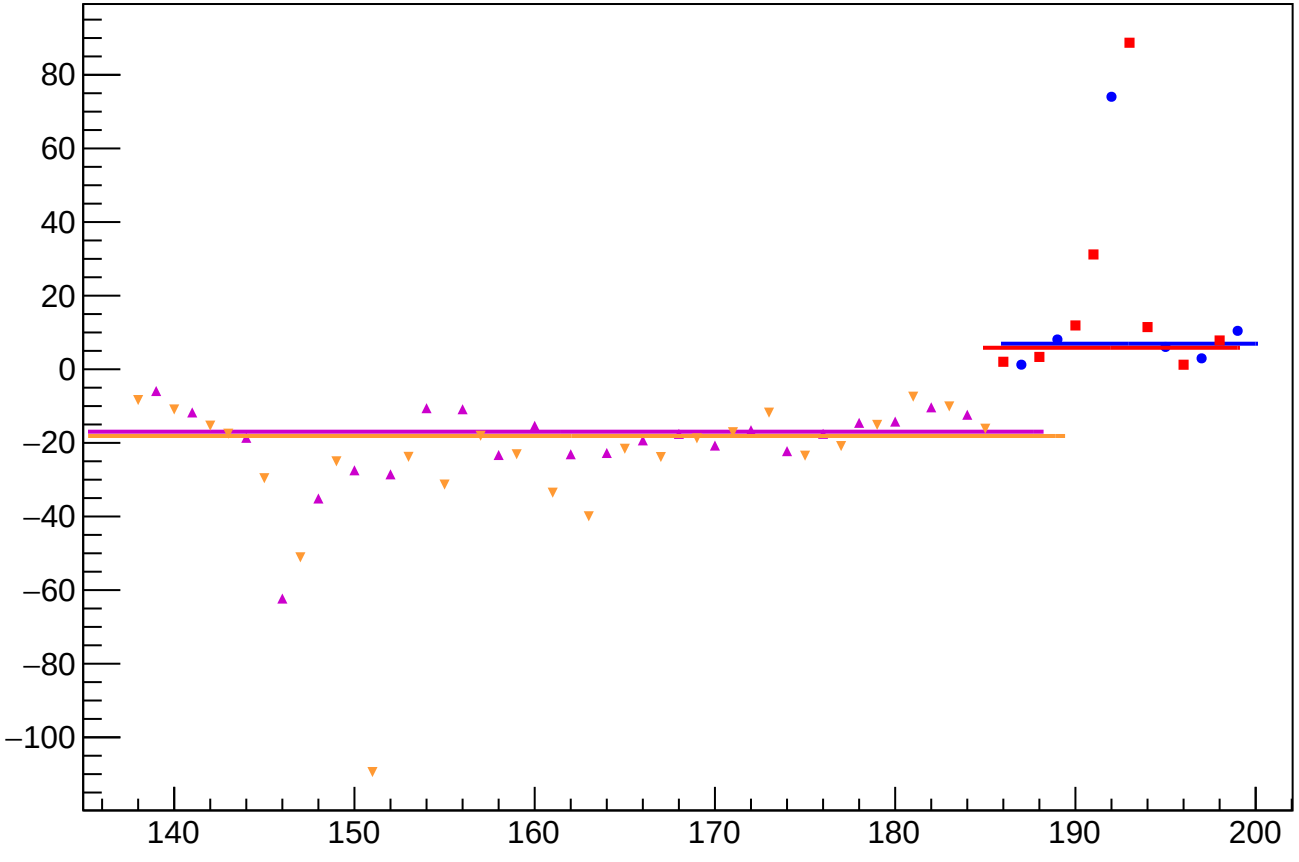
Right: 13.233+/-0.018 χ^2/NDF: 1142051.7/48

In: -0.376+/-0.010 χ^2/NDF:1577471.5/45

Out: 0.185+/-0.010 χ^2/NDF:2035550.1/50

All: -0.093+/-0.007 χ^2/NDF: 3614579.6/96

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.947+/-0.090 χ^2/NDF: 11653.9/5

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 5.844+/-0.074 χ^2/NDF: 24859.2/7

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

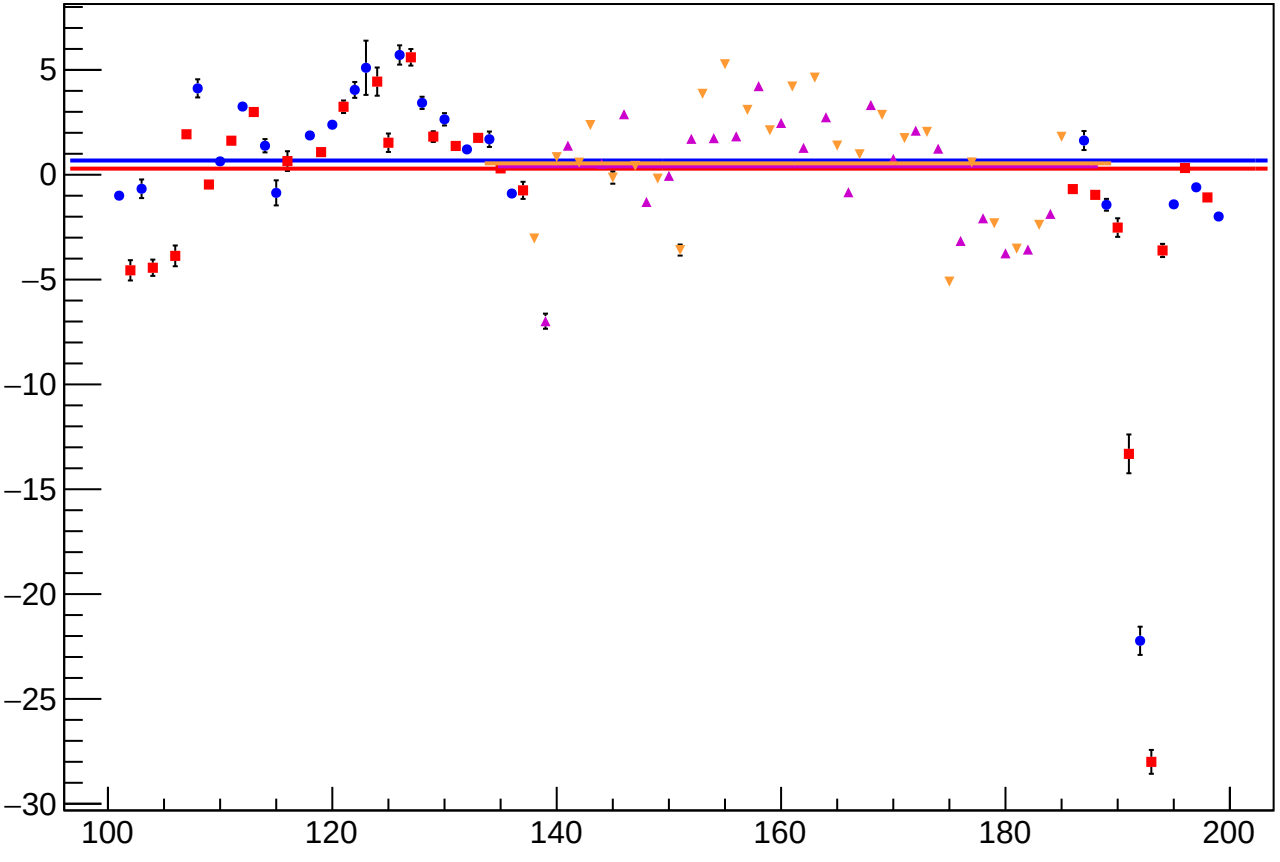
Right: 6.290+/-0.057 χ^2/NDF: 36602.2/13

In: -13.349+/-0.035 χ^2/NDF:116152.4/28

Out: -12.963+/-0.035 χ^2/NDF:194935.7/32

All: -13.153+/-0.025 χ^2/NDF: 311149.7/61

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.679+/-0.052 χ^2/NDF: 2410.4/22

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.291+/-0.049 χ^2/NDF: 4134.6/25

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

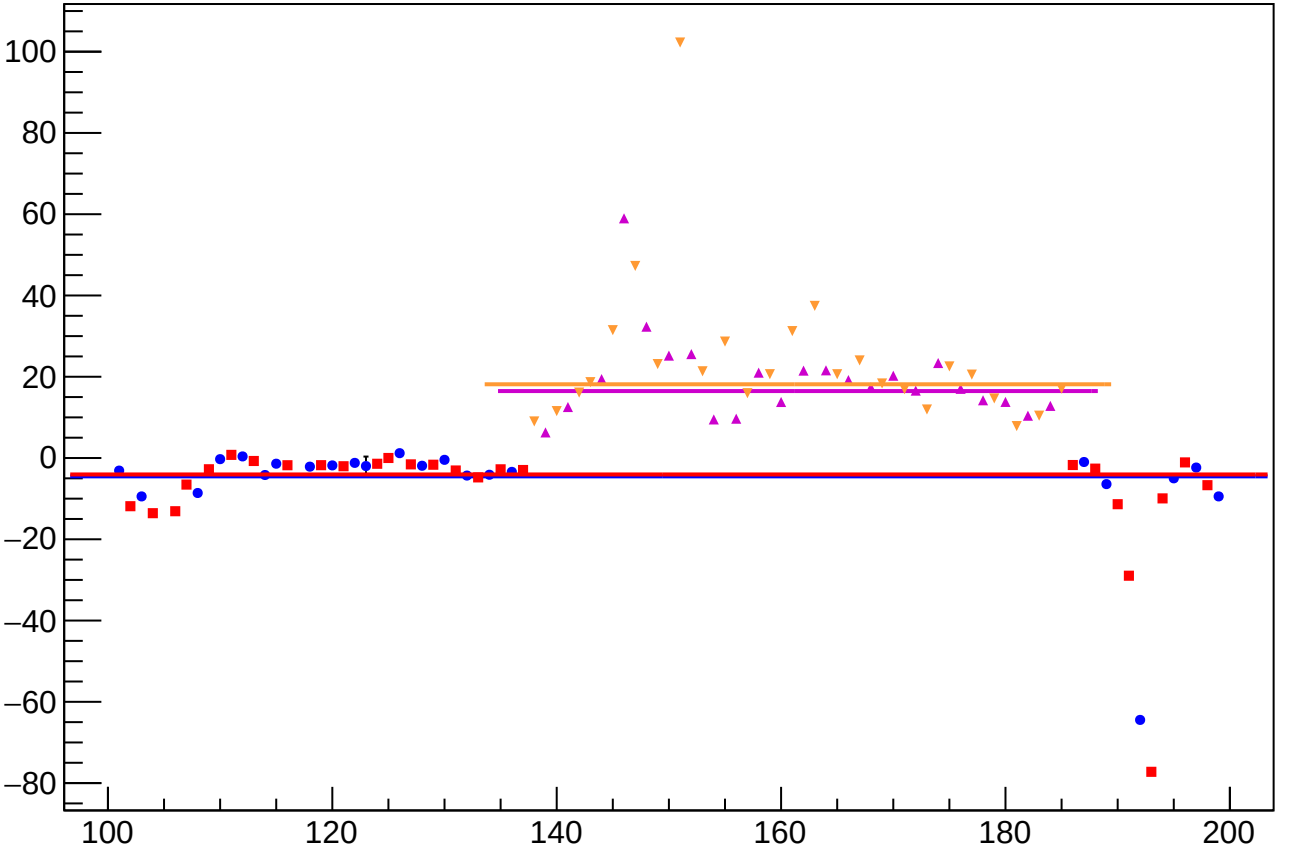
Right: 0.473+/-0.036 χ^2/NDF: 6574.1/48

In: 0.470+/-0.026 χ^2/NDF:8718.2/45

Out: 0.467+/-0.027 χ^2/NDF:11220.4/50

All: 0.468+/-0.019 χ^2/NDF: 19938.5/96

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.514+/-0.063 χ^2/NDF: 13044.7/22

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.044+/-0.052 χ^2/NDF: 26479.8/25

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

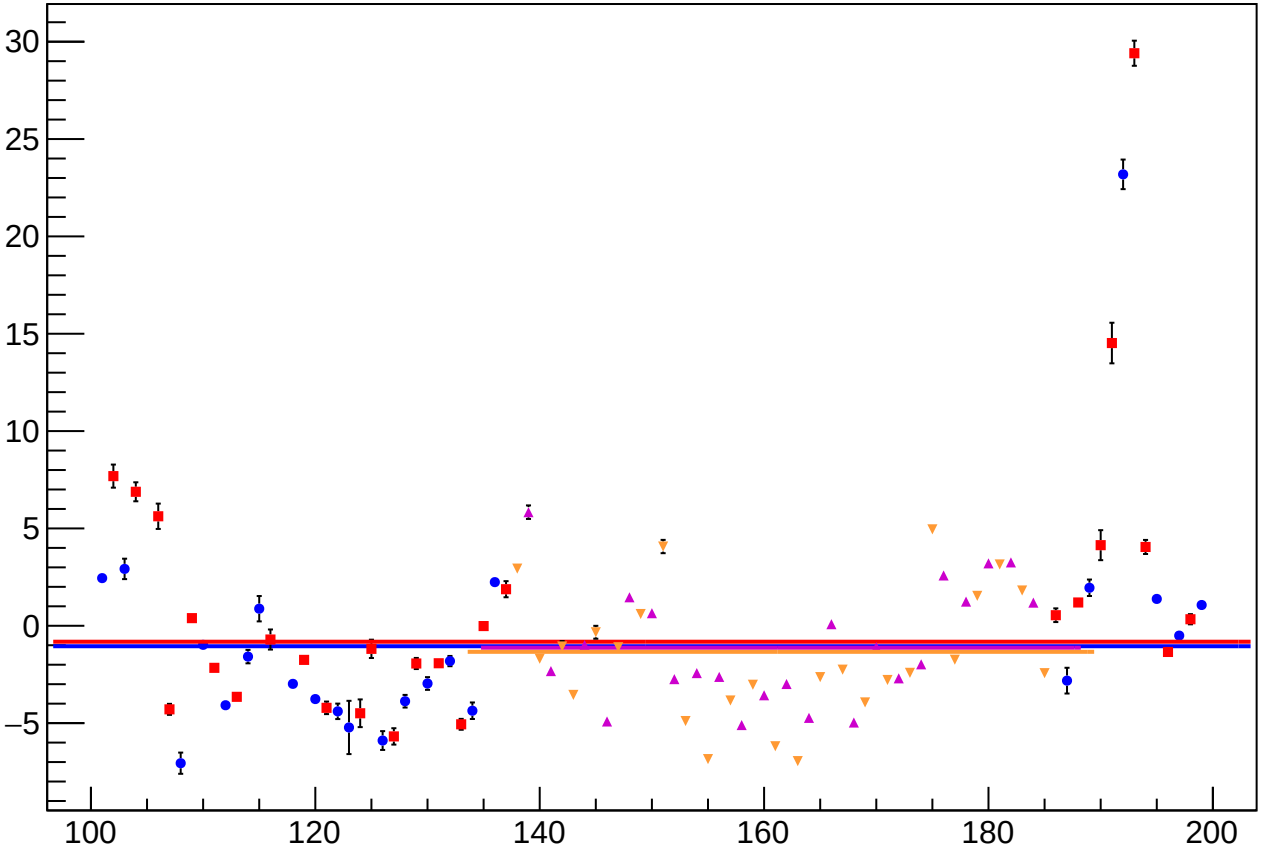
Right: -4.236+/-0.040 χ^2/NDF: 39557.6/48

In: 10.917+/-0.032 χ^2/NDF:136817.8/45

Out: 10.170+/-0.031 χ^2/NDF:219867.2/50

All: 10.533+/-0.022 χ^2/NDF: 356960.9/96

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.051+/-0.061 χ^2/NDF: 2701.3/22

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.819+/-0.058 χ^2/NDF: 4377.0/25

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

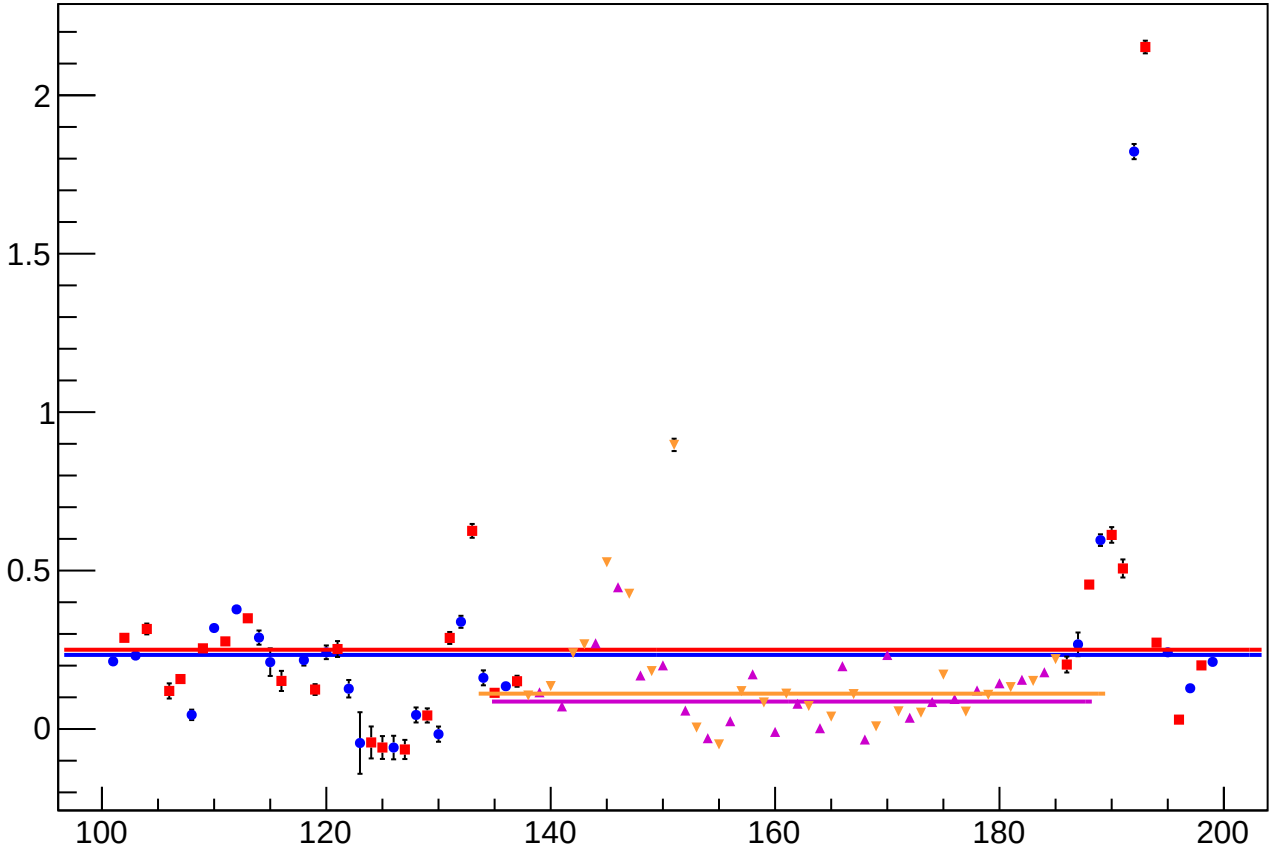
Right: -0.928+/-0.042 χ^2/NDF: 7085.9/48

In: -1.110+/-0.030 χ^2/NDF:9481.2/45

Out: -1.193+/-0.031 χ^2/NDF:12356.1/50

All: -1.150+/-0.021 χ^2/NDF: 21841.0/96

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF: 5718.4/22

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.250+/-0.003 χ^2/NDF: 11638.3/25

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

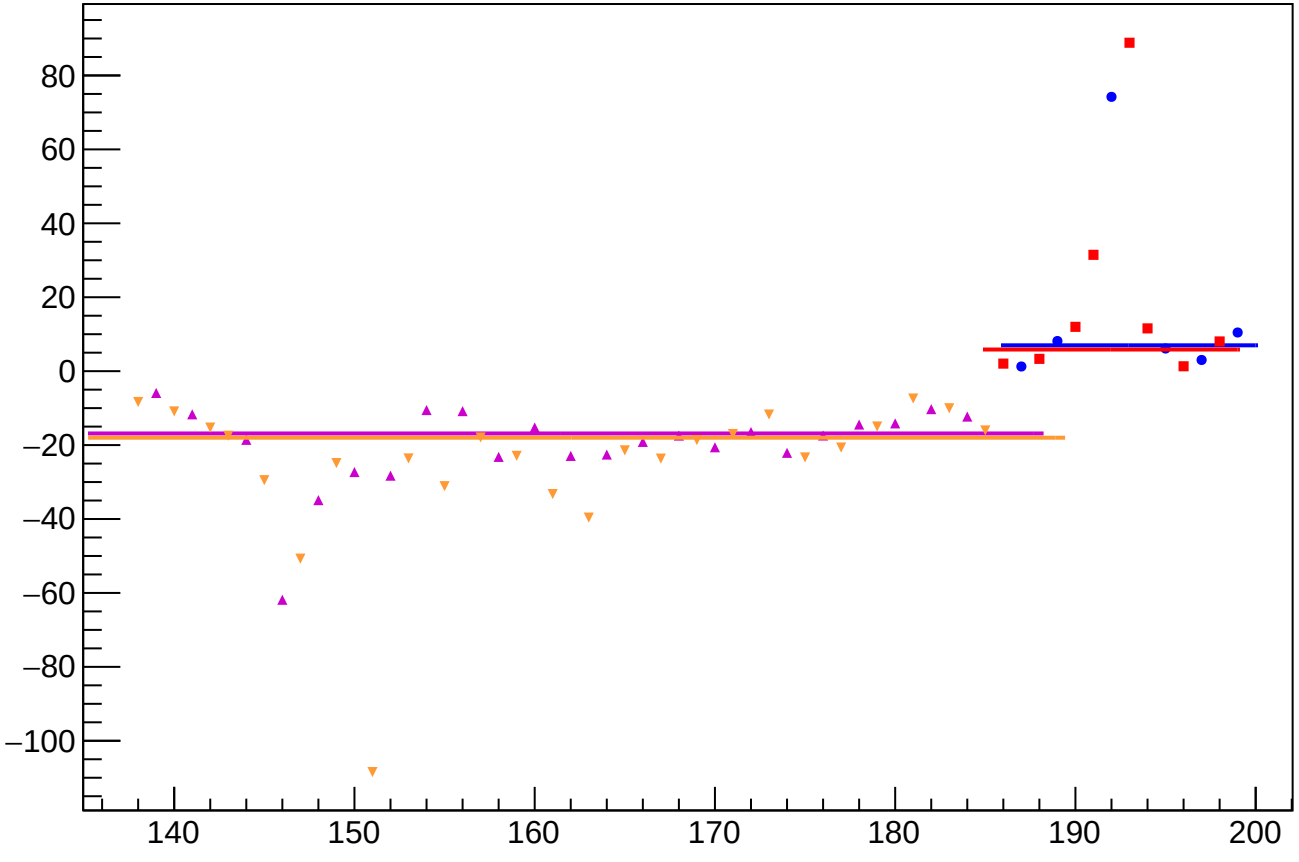
Right: 0.242+/-0.002 χ^2/NDF: 17373.2/48

In: 0.118+/-0.001 χ^2/NDF:11427.7/45

Out: 0.146+/-0.001 χ^2/NDF:17948.7/50

All: 0.131+/-0.001 χ^2/NDF: 29592.2/96

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.993+/-0.090 χ^2/NDF: 11781.1/5

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 5.858+/-0.074 χ^2/NDF: 25209.2/7

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

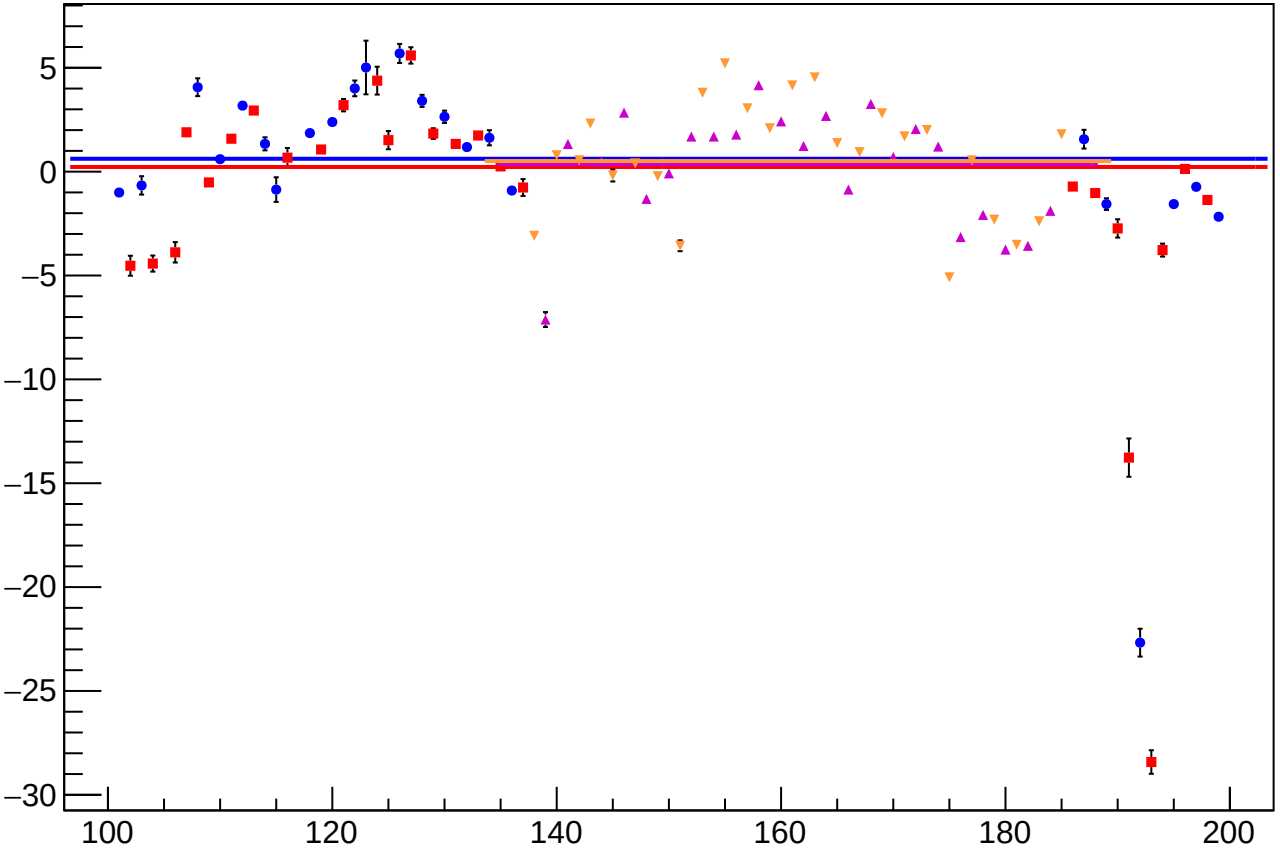
Right: 6.315+/-0.057 χ^2/NDF: 37086.0/13

In: -13.266+/-0.035 χ^2/NDF:116503.4/28

Out: -12.848+/-0.034 χ^2/NDF:195778.8/32

All: -13.054+/-0.024 χ^2/NDF: 312355.6/61

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.620+/-0.052 χ^2/NDF: 2511.4/22

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.225+/-0.049 χ^2/NDF: 4286.4/25

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

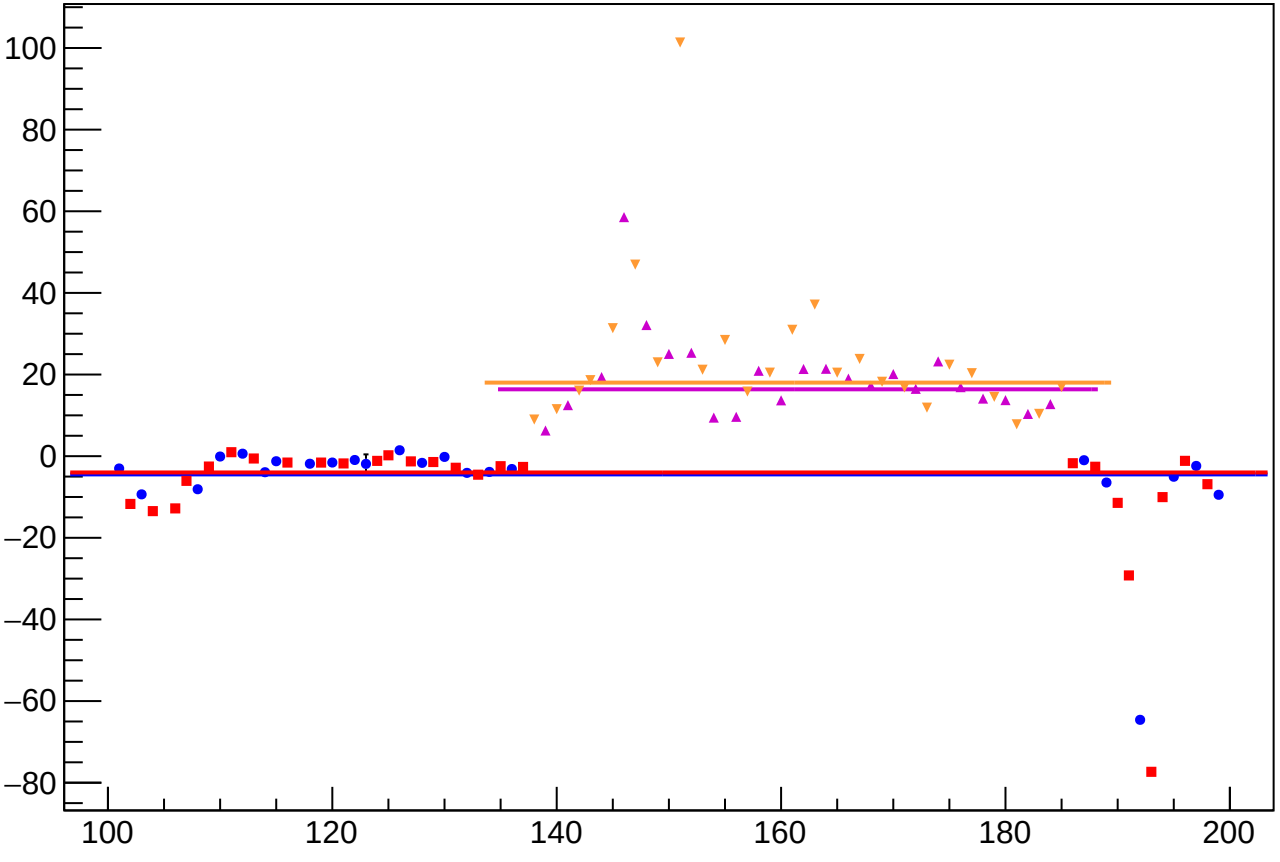
Right: 0.410+/-0.036 χ^2/NDF: 6828.4/48

In: 0.427+/-0.026 χ^2/NDF:8803.4/45

Out: 0.425+/-0.027 χ^2/NDF:11363.3/50

All: 0.426+/-0.019 χ^2/NDF: 20166.6/96

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.465+/-0.062 χ^2/NDF: 13284.7/22

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -3.990+/-0.052 χ^2/NDF: 26920.8/25

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

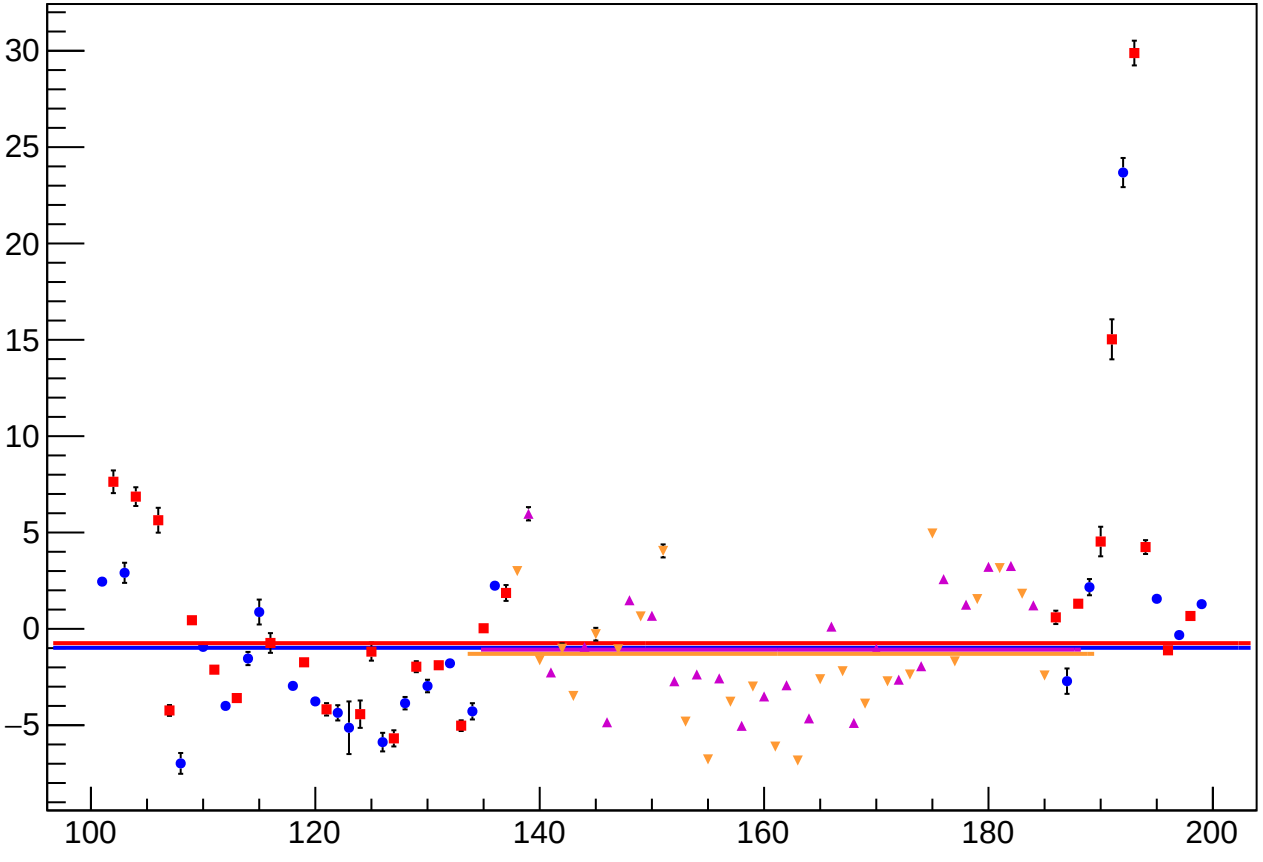
Right: -4.184+/-0.040 χ^2/NDF: 40239.7/48

In: 10.872+/-0.032 χ^2/NDF:136681.6/45

Out: 10.099+/-0.031 χ^2/NDF:220114.2/50

All: 10.474+/-0.022 χ^2/NDF: 357094.8/96

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.983+/-0.061 χ^2/NDF: 2784.6/22

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.743+/-0.057 χ^2/NDF: 4519.9/25

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

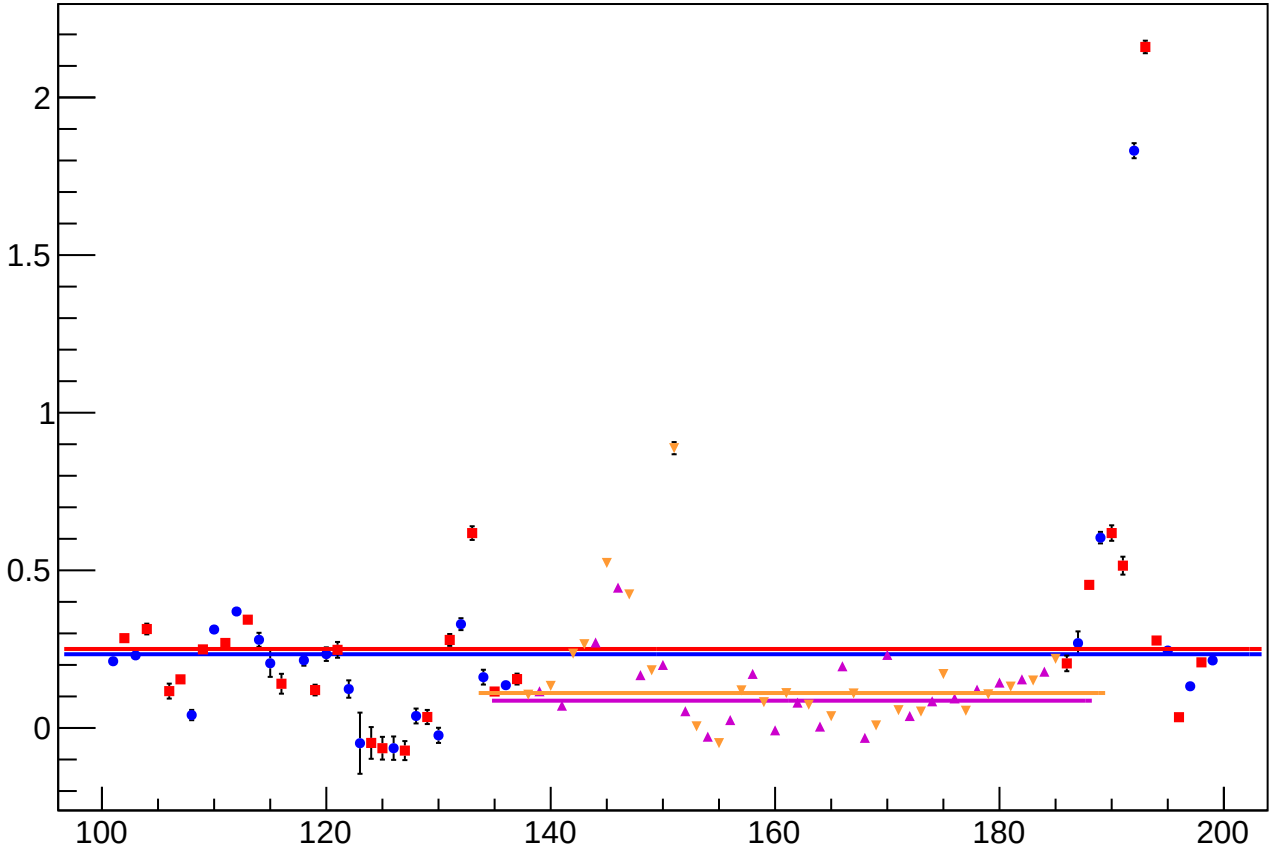
Right: -0.855+/-0.042 χ^2/NDF: 7312.8/48

In: -1.058+/-0.030 χ^2/NDF:9550.7/45

Out: -1.143+/-0.030 χ^2/NDF:12490.4/50

All: -1.099+/-0.021 χ^2/NDF: 22045.1/96

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF: 5808.0/22

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.251+/-0.003 χ^2/NDF: 11774.4/25

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

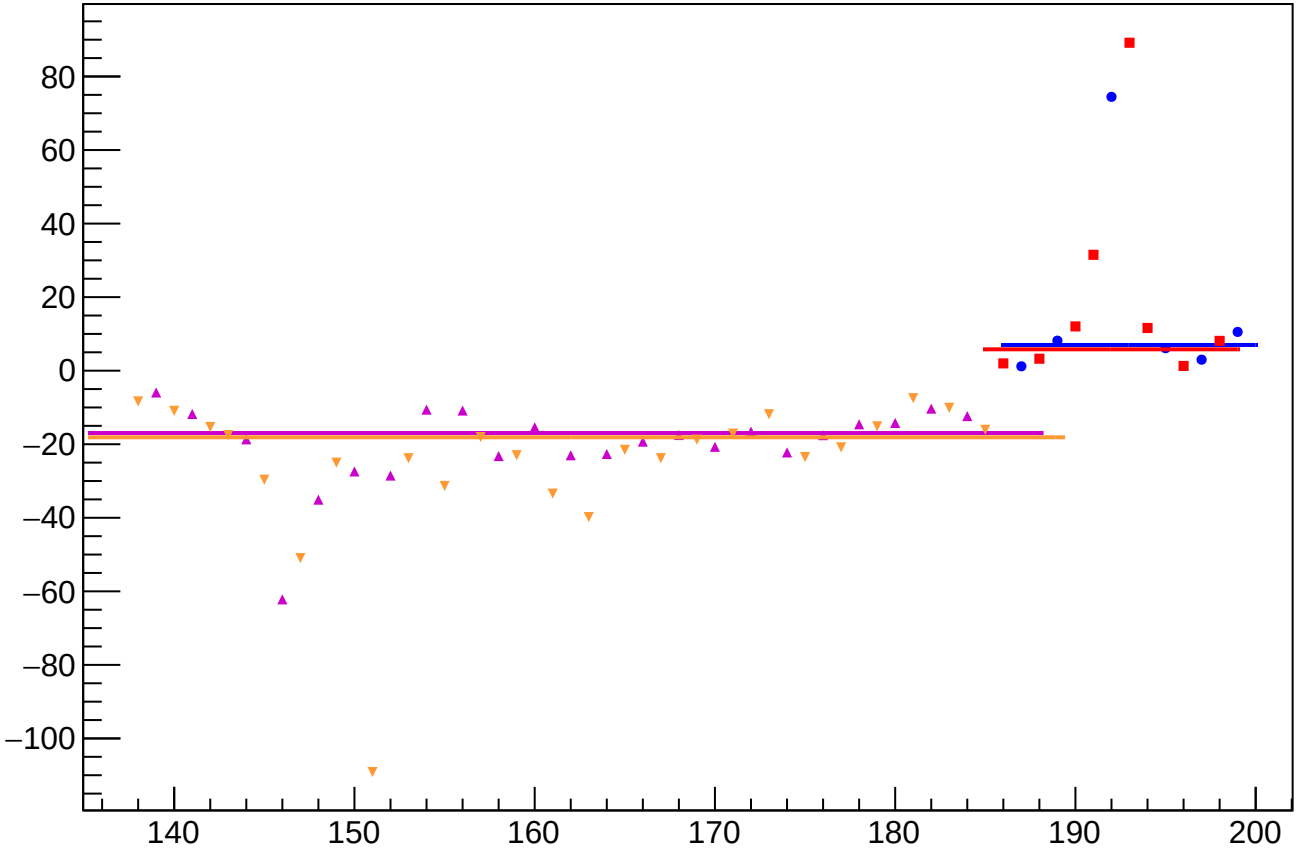
Right: 0.243+/-0.002 χ^2/NDF: 17599.8/48

In: 0.118+/-0.001 χ^2/NDF:11511.0/45

Out: 0.145+/-0.001 χ^2/NDF:18127.4/50

All: 0.131+/-0.001 χ^2/NDF: 29850.3/96

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.995+/-0.090 χ^2/NDF: 11800.8/5

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 5.809+/-0.074 χ^2/NDF: 25230.5/7

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

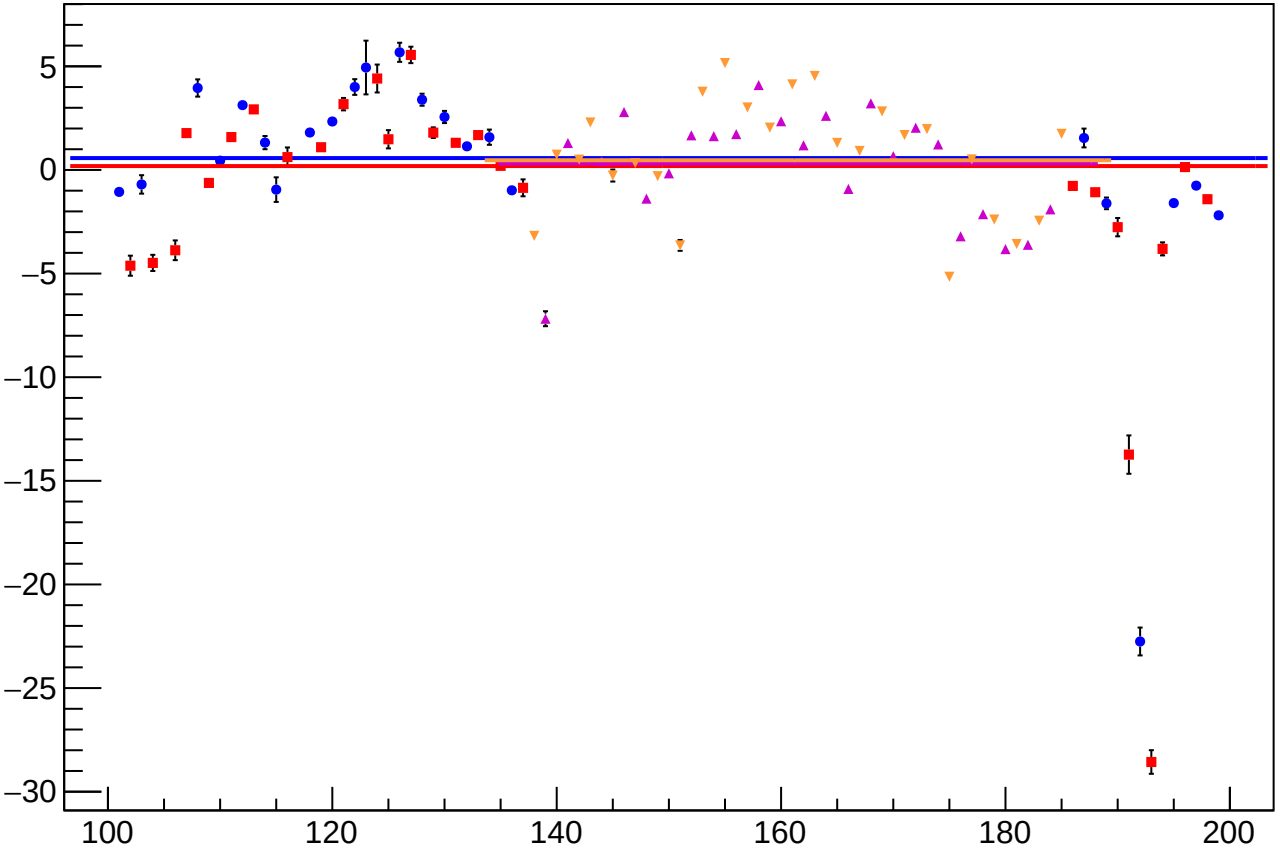
Right: 6.284+/-0.057 χ^2/NDF: 37134.7/13

In: -13.360+/-0.035 χ^2/NDF:116312.9/28

Out: -12.921+/-0.034 χ^2/NDF:196001.7/32

All: -13.137+/-0.025 χ^2/NDF: 312394.9/61

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.573+/-0.052 χ^2/NDF: 2493.9/22

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.187+/-0.049 χ^2/NDF: 4285.4/25

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

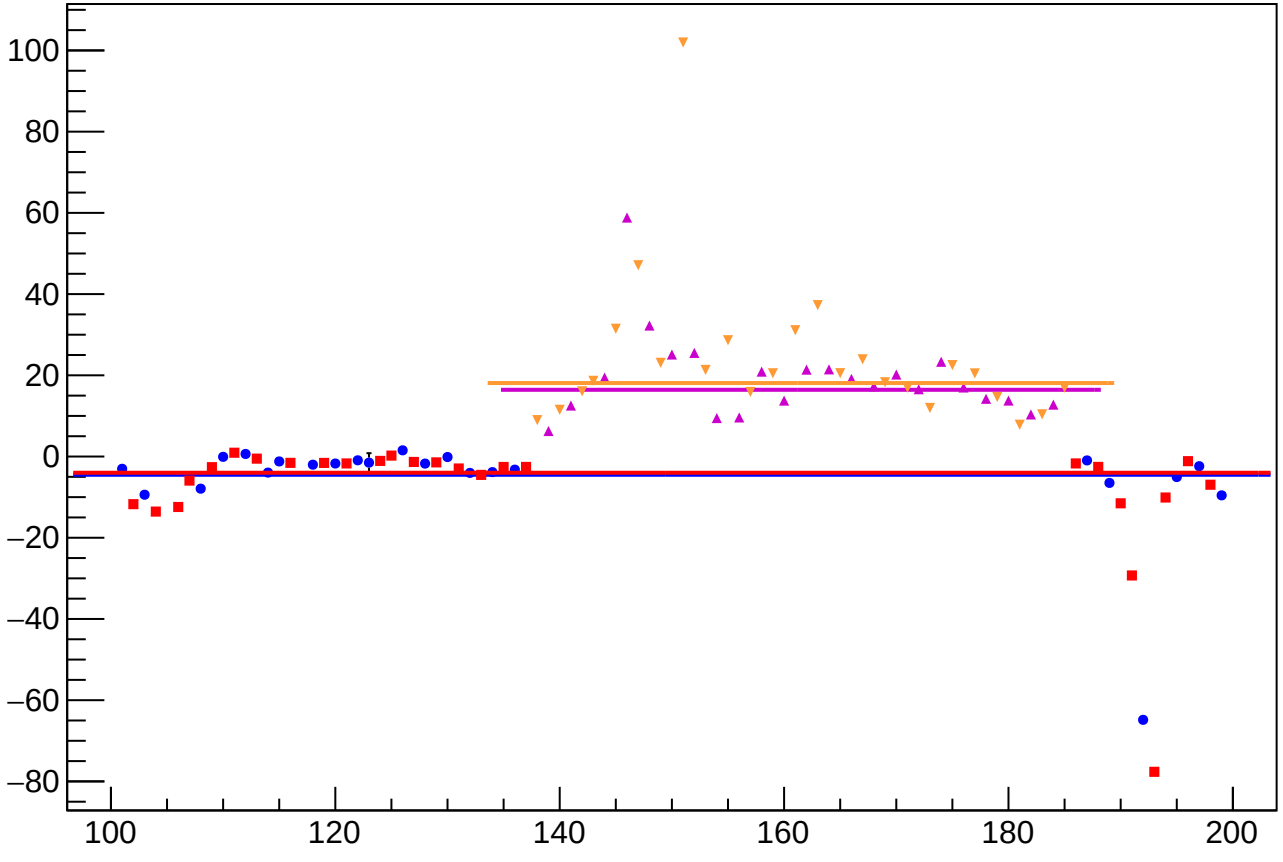
Right: 0.368+/-0.036 χ^2/NDF: 6808.2/48

In: 0.379+/-0.026 χ^2/NDF:8747.4/45

Out: 0.384+/-0.027 χ^2/NDF:11385.1/50

All: 0.381+/-0.019 χ^2/NDF: 20132.5/96

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.488+/-0.063 χ^2/NDF: 13296.6/22

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -3.992+/-0.052 χ^2/NDF: 26917.5/25

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

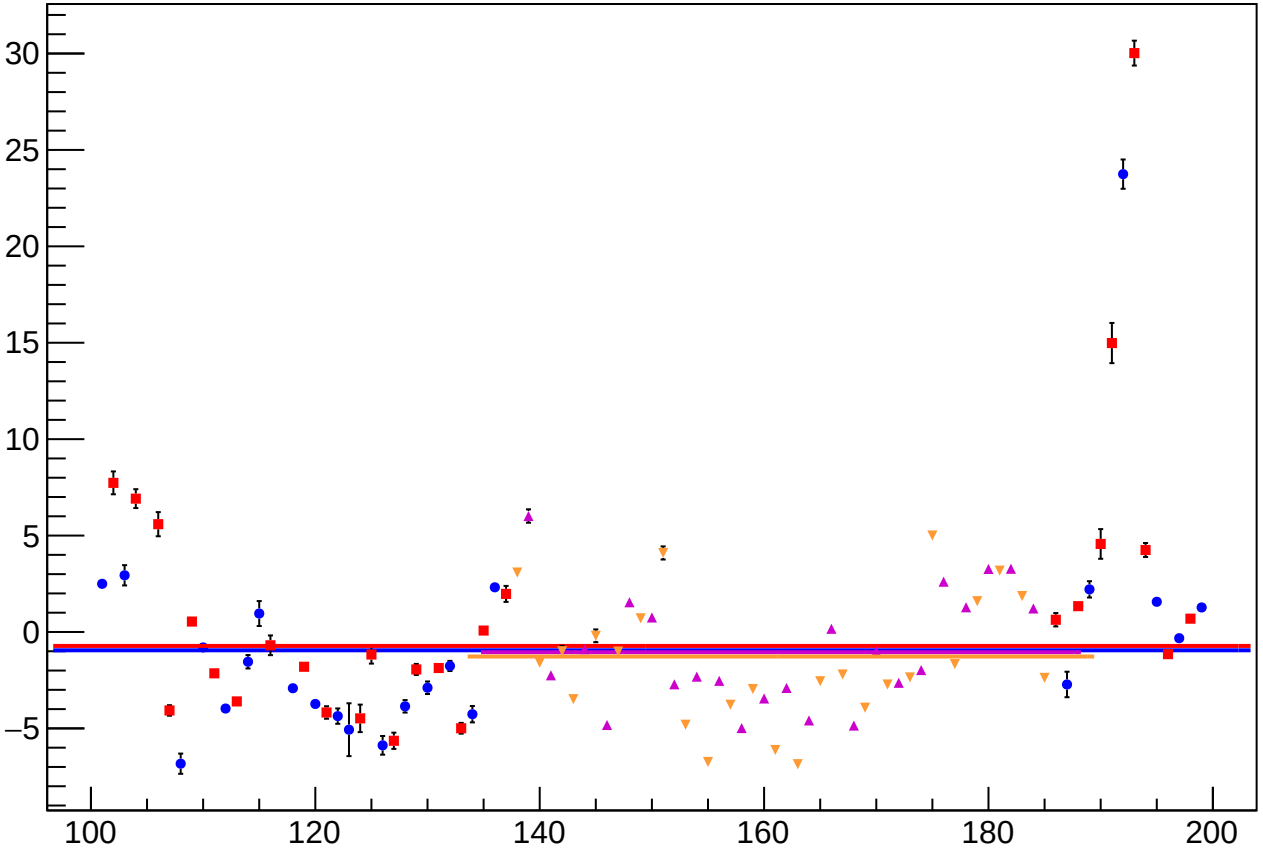
Right: -4.193+/-0.040 χ^2/NDF: 40251.2/48

In: 10.925+/-0.032 χ^2/NDF:136466.1/45

Out: 10.126+/-0.031 χ^2/NDF:220330.7/50

All: 10.513+/-0.022 χ^2/NDF: 357113.9/96

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.950+/-0.061 χ^2/NDF: 2773.0/22

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.723+/-0.058 χ^2/NDF: 4522.9/25

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

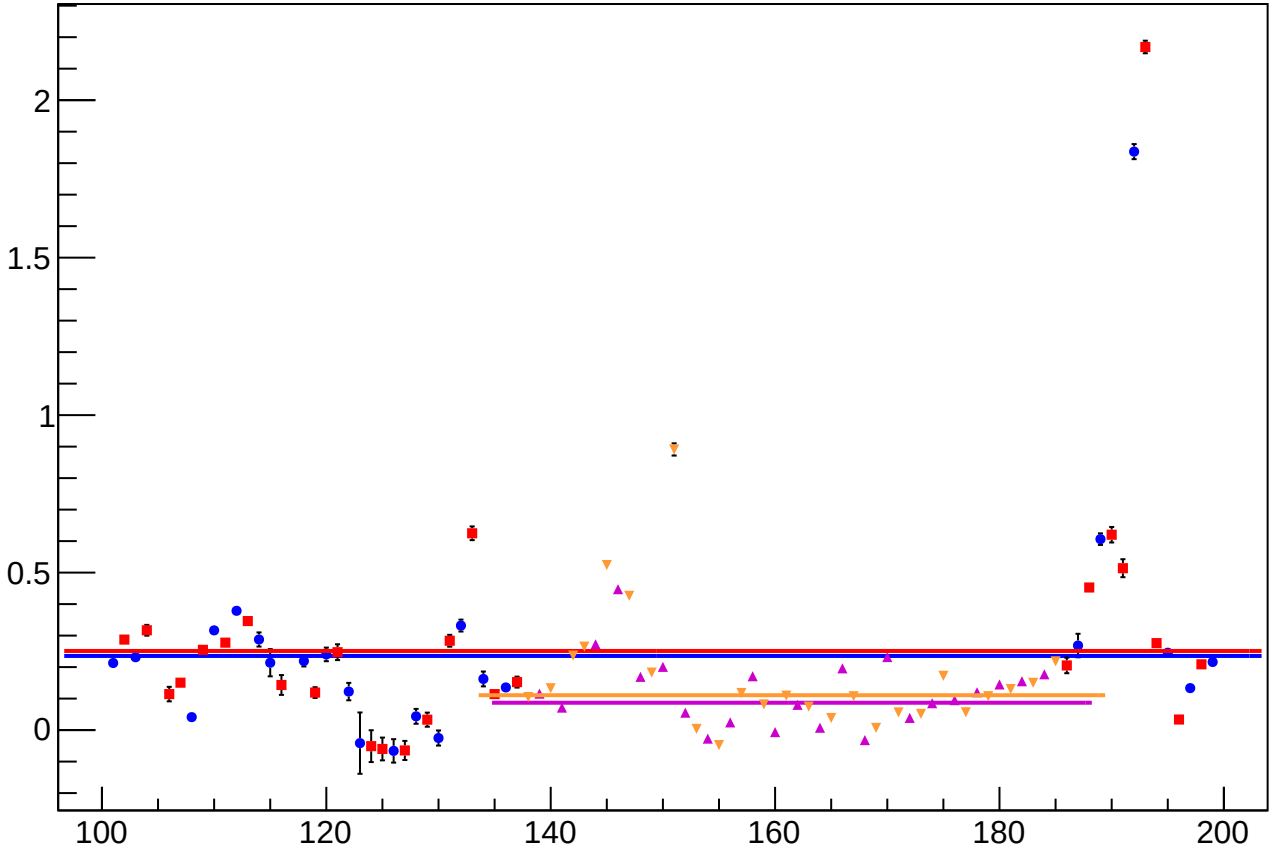
Right: -0.830+/-0.042 χ^2/NDF: 7303.1/48

In: -1.027+/-0.030 χ^2/NDF:9488.0/45

Out: -1.120+/-0.030 χ^2/NDF:12519.4/50

All: -1.072+/-0.021 χ^2/NDF: 22012.2/96

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.235+/-0.003 χ^2/NDF: 5823.5/22

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.251+/-0.003 χ^2/NDF: 11789.5/25

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

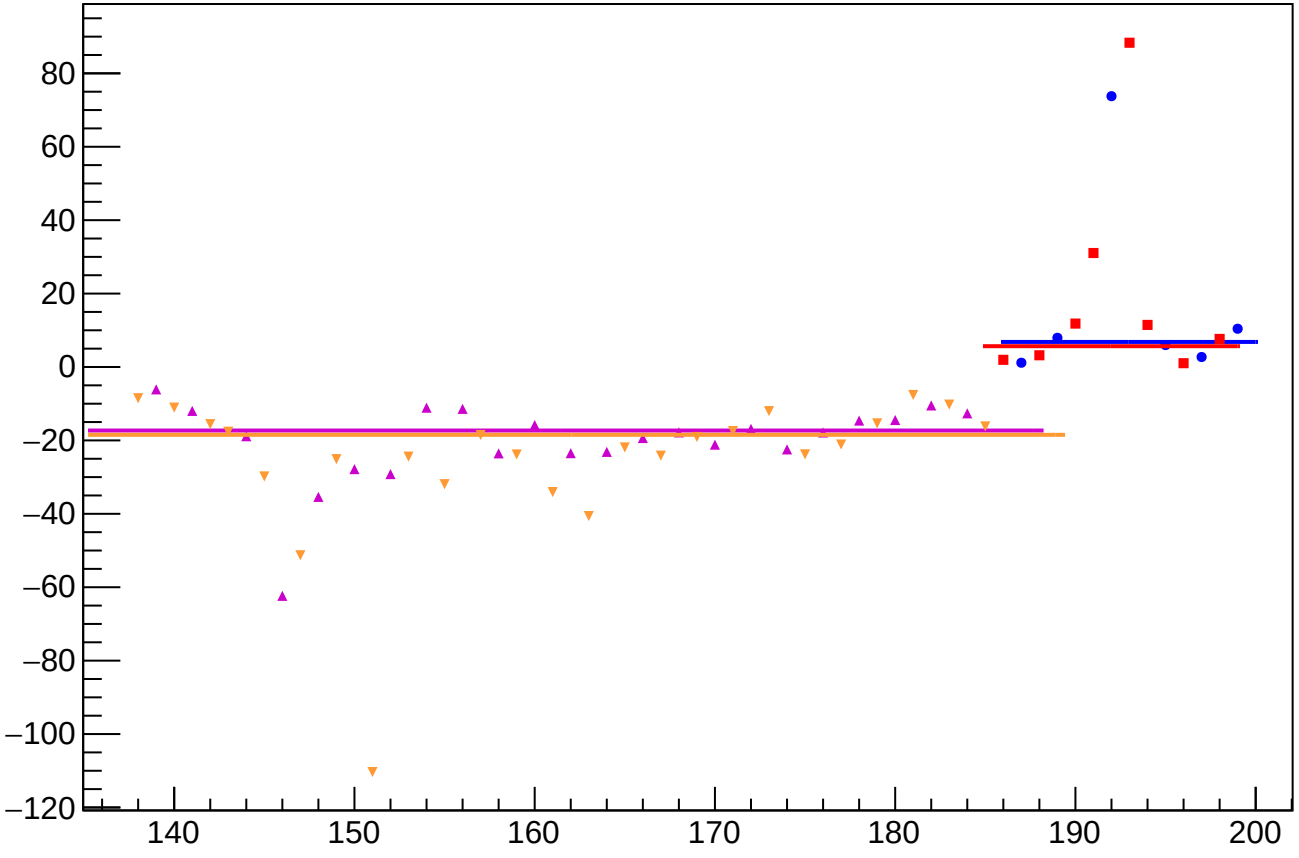
Right: 0.244+/-0.002 χ^2/NDF: 17628.5/48

In: 0.118+/-0.001 χ^2/NDF:11509.5/45

Out: 0.146+/-0.001 χ^2/NDF:18129.3/50

All: 0.131+/-0.001 χ^2/NDF: 29842.8/96

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.829+/-0.091 χ^2/NDF: 11586.8/5

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 5.667+/-0.074 χ^2/NDF: 24708.5/7

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

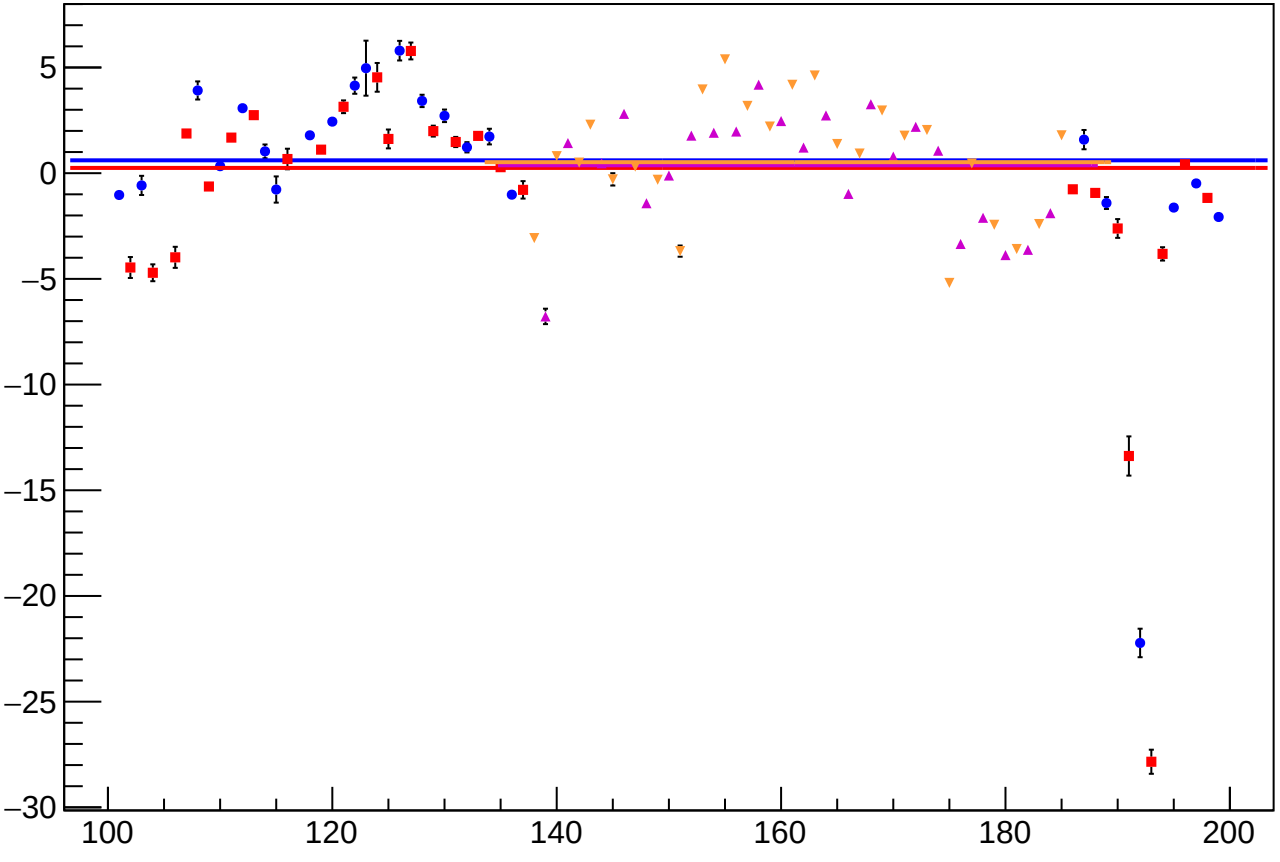
Right: 6.131+/-0.057 χ^2/NDF: 36393.7/13

In: -13.583+/-0.036 χ^2/NDF:115139.7/28

Out: -13.084+/-0.035 χ^2/NDF:195001.1/32

All: -13.329+/-0.025 χ^2/NDF: 310240.4/61

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.609+/-0.053 χ^2/NDF: 2387.9/22

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.249+/-0.050 χ^2/NDF: 4101.3/25

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

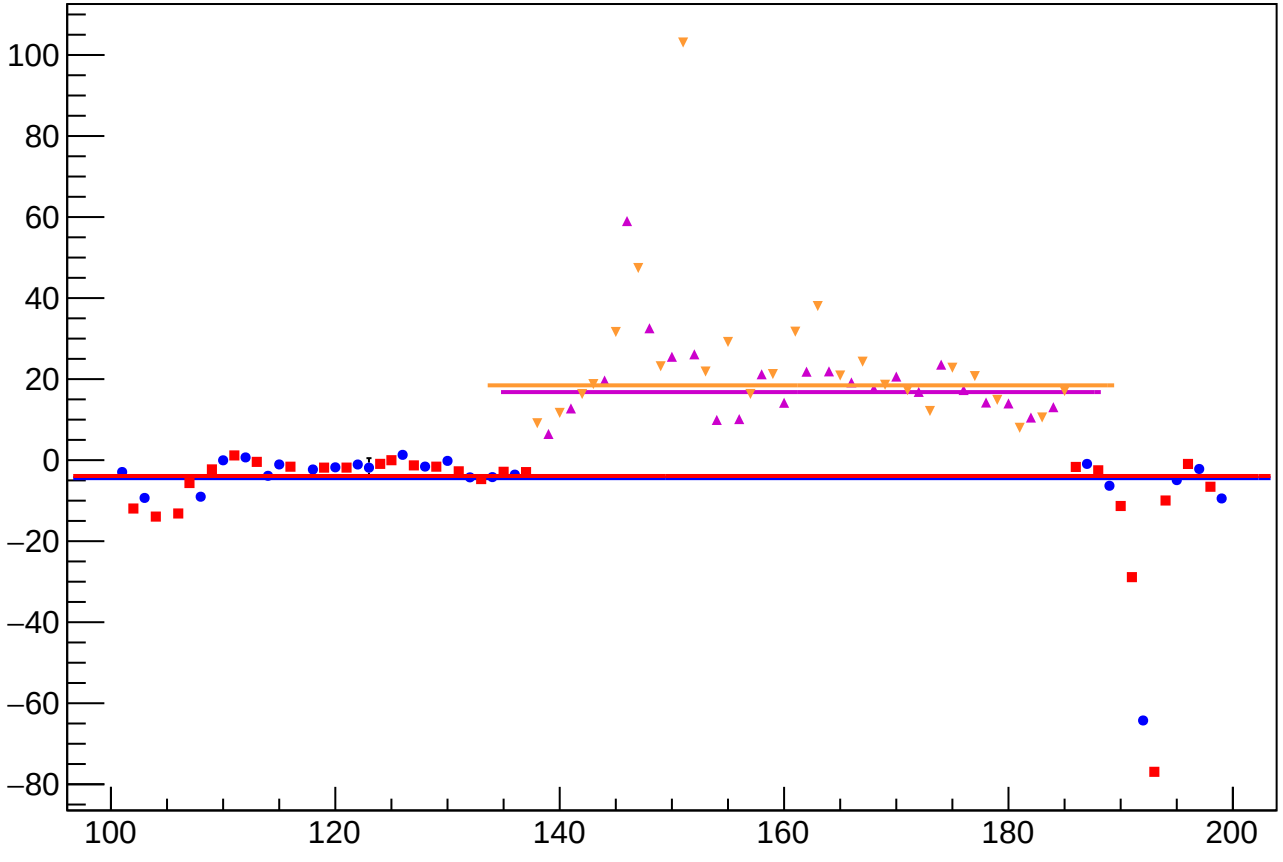
Right: 0.417+/-0.036 χ^2/NDF: 6513.5/48

In: 0.434+/-0.027 χ^2/NDF:8666.3/45

Out: 0.439+/-0.028 χ^2/NDF:11160.4/50

All: 0.436+/-0.019 χ^2/NDF: 19826.7/96

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.444+/-0.063 χ^2/NDF: 12991.3/22

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -3.909+/-0.052 χ^2/NDF: 26367.0/25

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

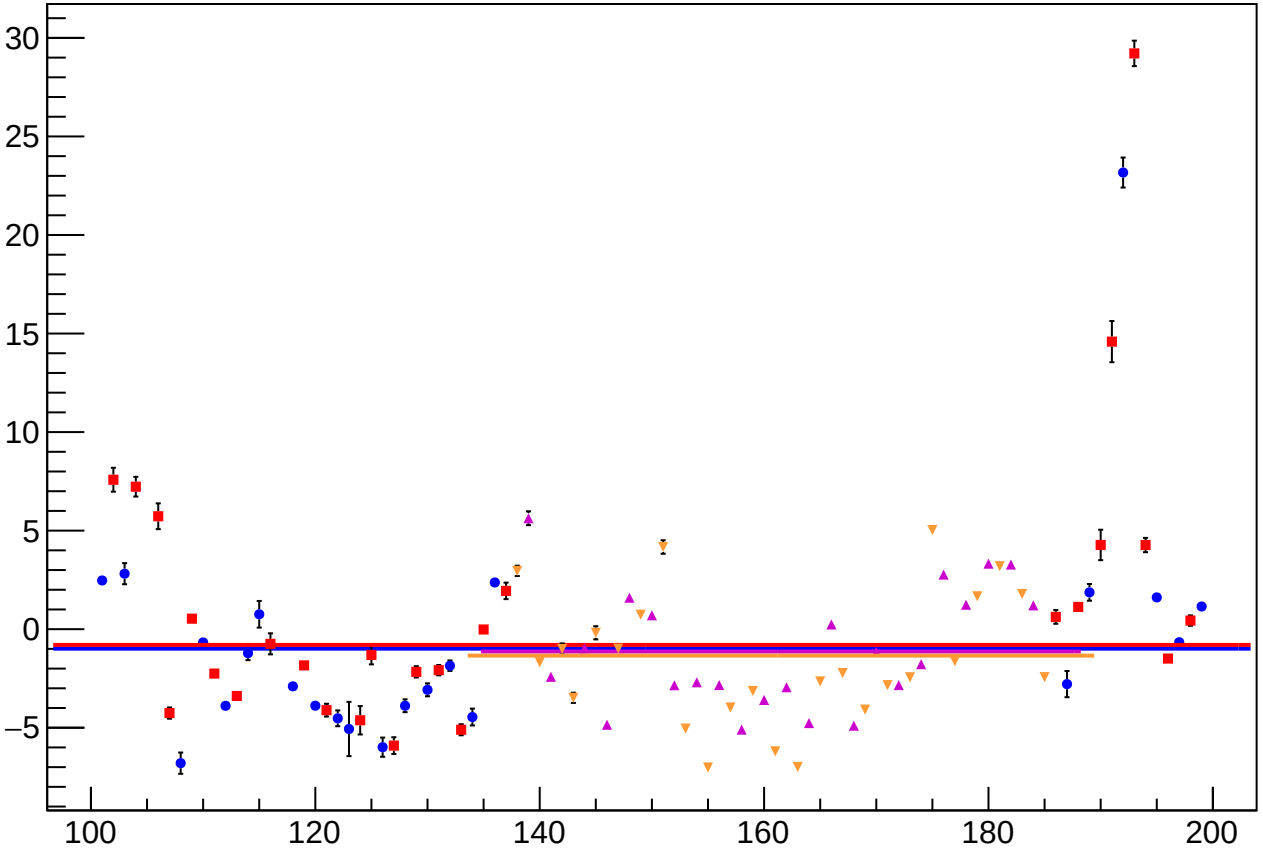
Right: -4.126+/-0.040 χ^2/NDF: 39400.7/48

In: 11.088+/-0.033 χ^2/NDF:135401.8/45

Out: 10.244+/-0.032 χ^2/NDF:218910.8/50

All: 10.651+/-0.023 χ^2/NDF: 354653.6/96

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.988+/-0.062 χ^2/NDF: 2681.4/22

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.798+/-0.059 χ^2/NDF: 4344.1/25

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

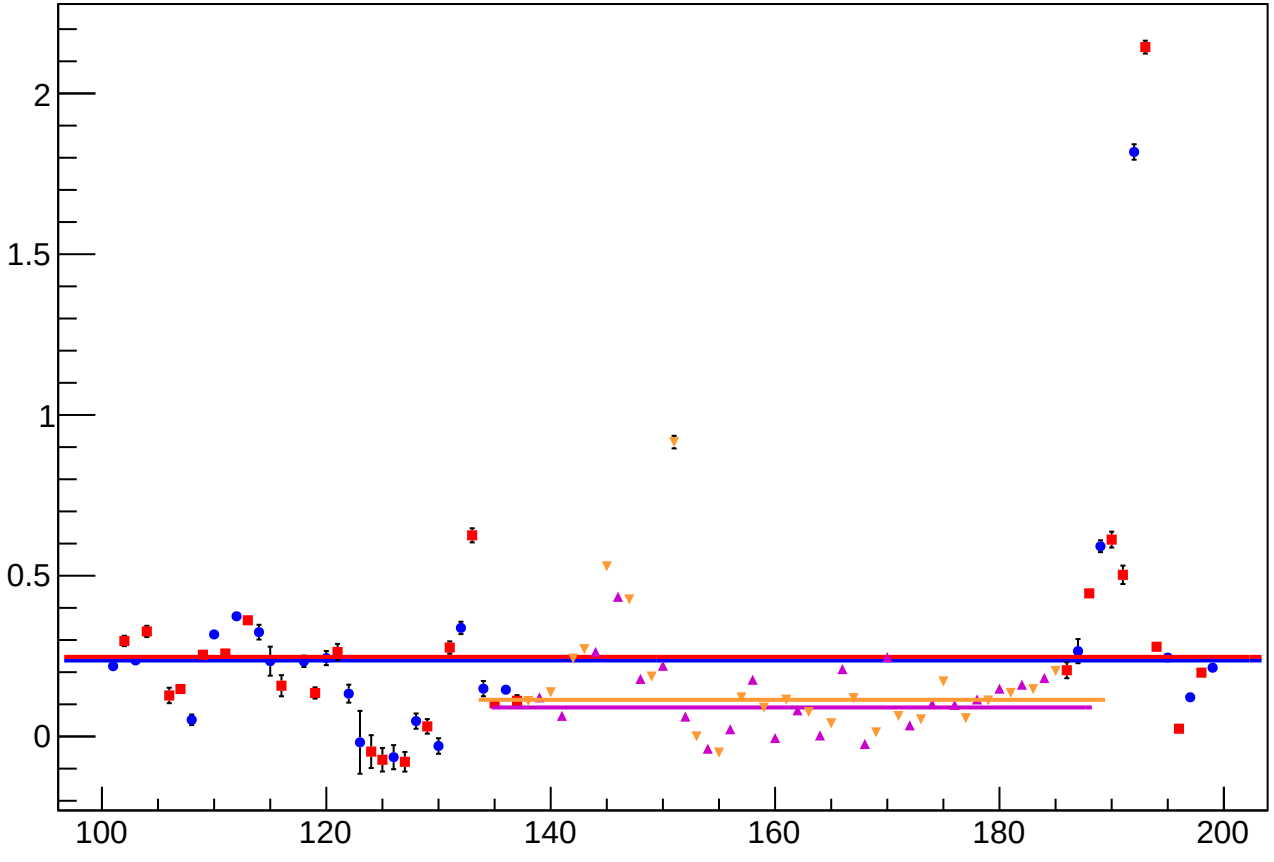
Right: -0.887+/-0.043 χ^2/NDF: 7030.4/48

In: -1.097+/-0.030 χ^2/NDF:9428.8/45

Out: -1.188+/-0.031 χ^2/NDF:12291.7/50

All: -1.142+/-0.022 χ^2/NDF: 21724.9/96

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.236+/-0.003 χ^2/NDF: 5645.7/22

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.248+/-0.003 χ^2/NDF: 11633.1/25

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

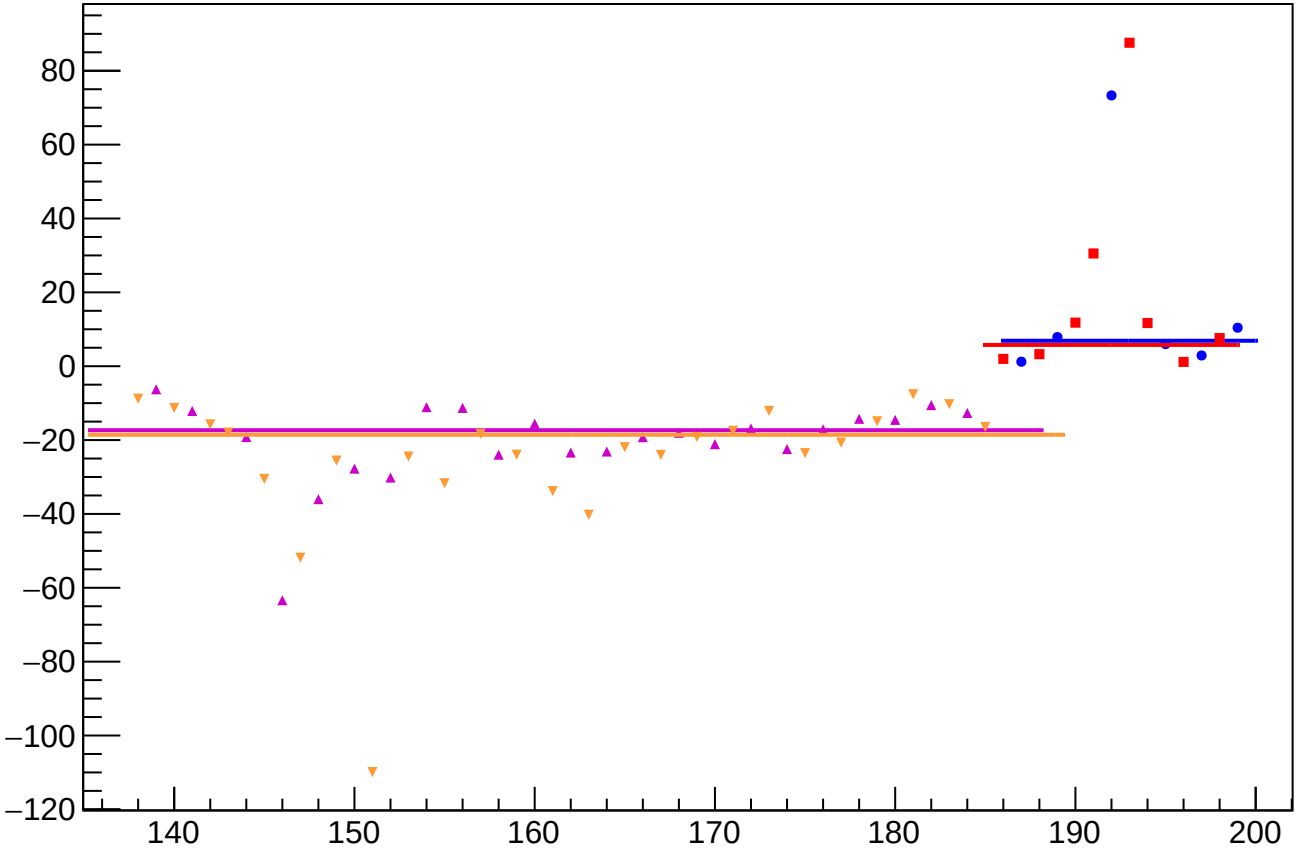
Right: 0.242+/-0.002 χ^2/NDF: 17286.5/48

In: 0.122+/-0.001 χ^2/NDF:11282.2/45

Out: 0.148+/-0.001 χ^2/NDF:17684.0/50

All: 0.134+/-0.001 χ^2/NDF: 29142.0/96

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.893+/-0.092 χ^2/NDF: 11254.0/5

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 5.757+/-0.075 χ^2/NDF: 24095.4/7

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

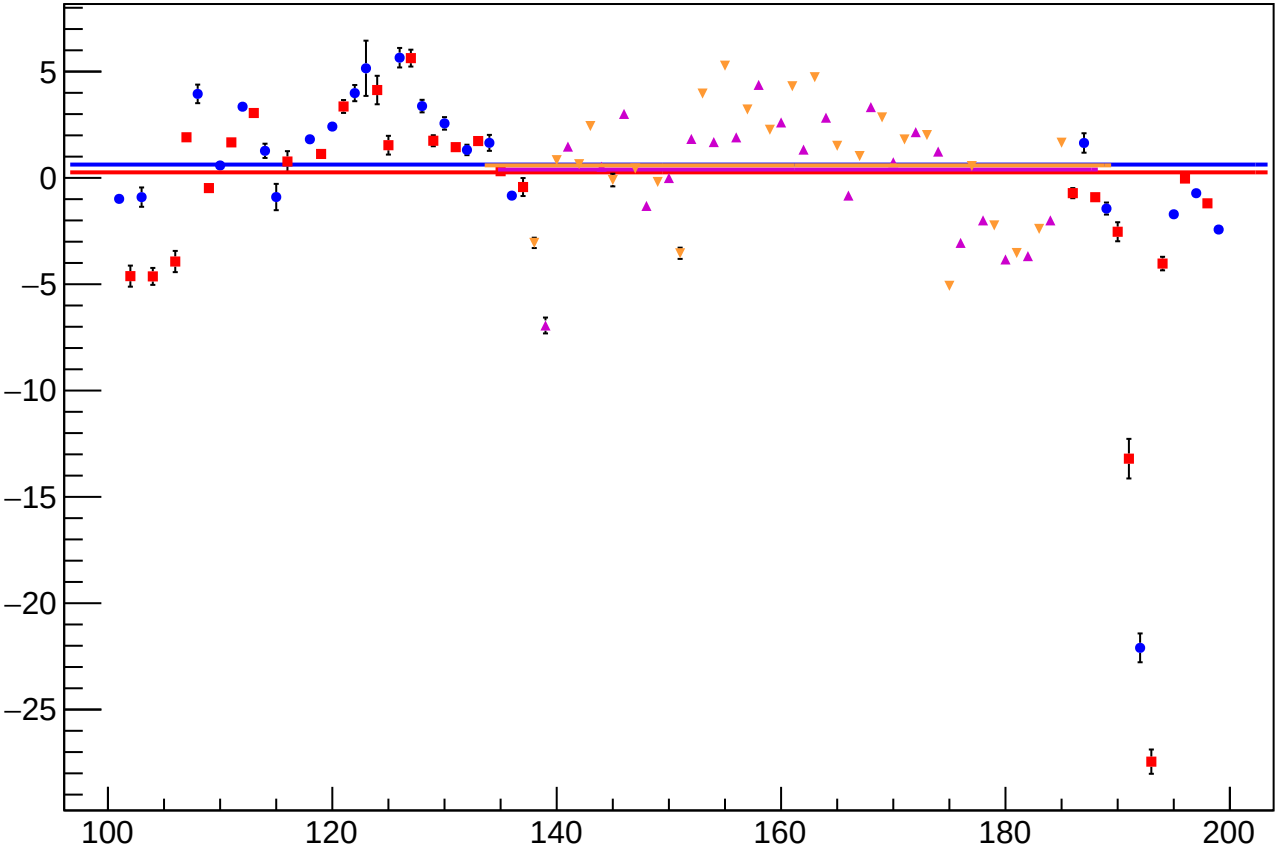
Right: 6.212+/-0.058 χ^2/NDF: 35441.1/13

In: -13.608+/-0.036 χ^2/NDF:114252.5/28

Out: -13.156+/-0.035 χ^2/NDF:192093.6/32

All: -13.378+/-0.025 χ^2/NDF: 306426.4/61

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.627+/-0.054 χ^2/NDF: 2416.3/22

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.261+/-0.051 χ^2/NDF: 4026.3/25

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

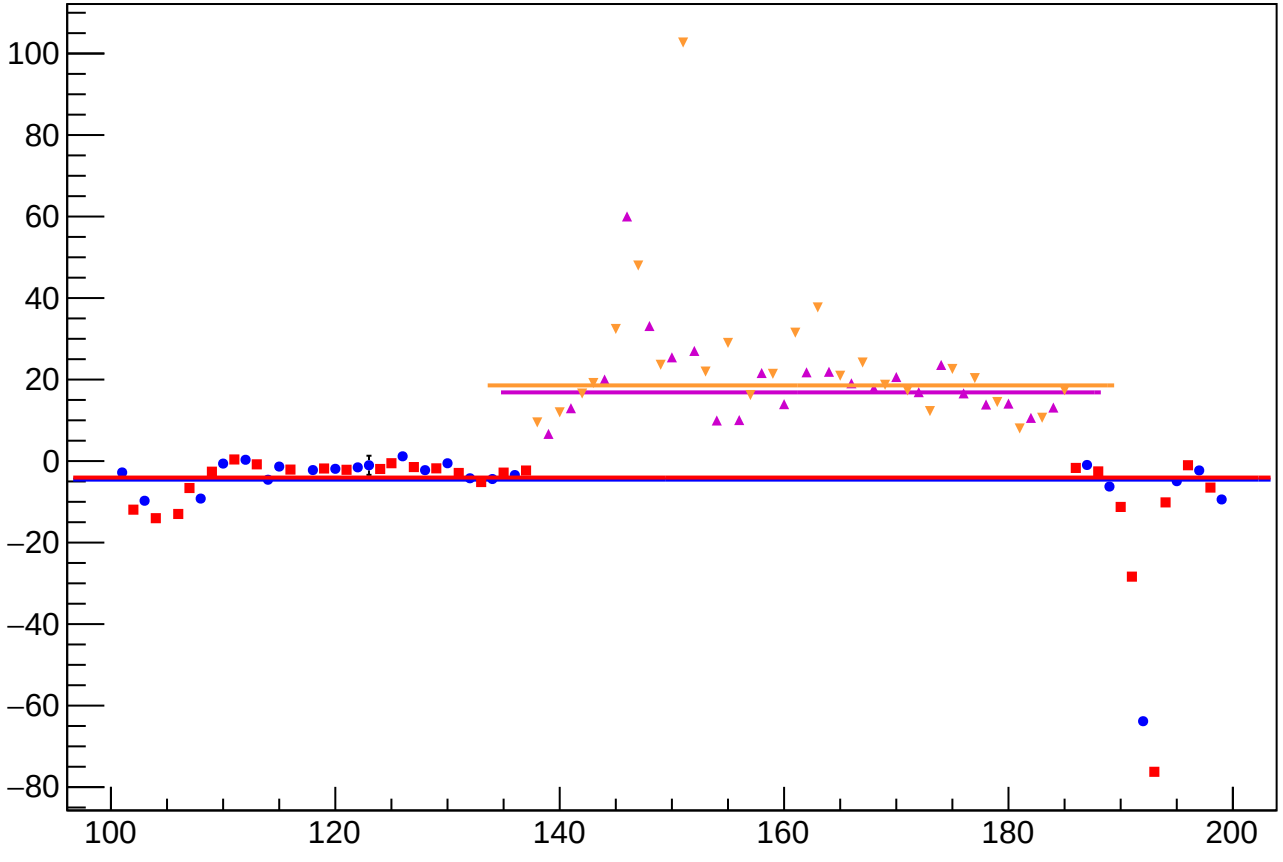
Right: 0.433+/-0.037 χ^2/NDF: 6467.3/48

In: 0.454+/-0.027 χ^2/NDF:8542.9/45

Out: 0.491+/-0.028 χ^2/NDF:10836.3/50

All: 0.472+/-0.019 χ^2/NDF: 19380.0/96

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.552+/-0.064 χ^2/NDF: 12505.7/22

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.043+/-0.053 χ^2/NDF: 25572.9/25

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

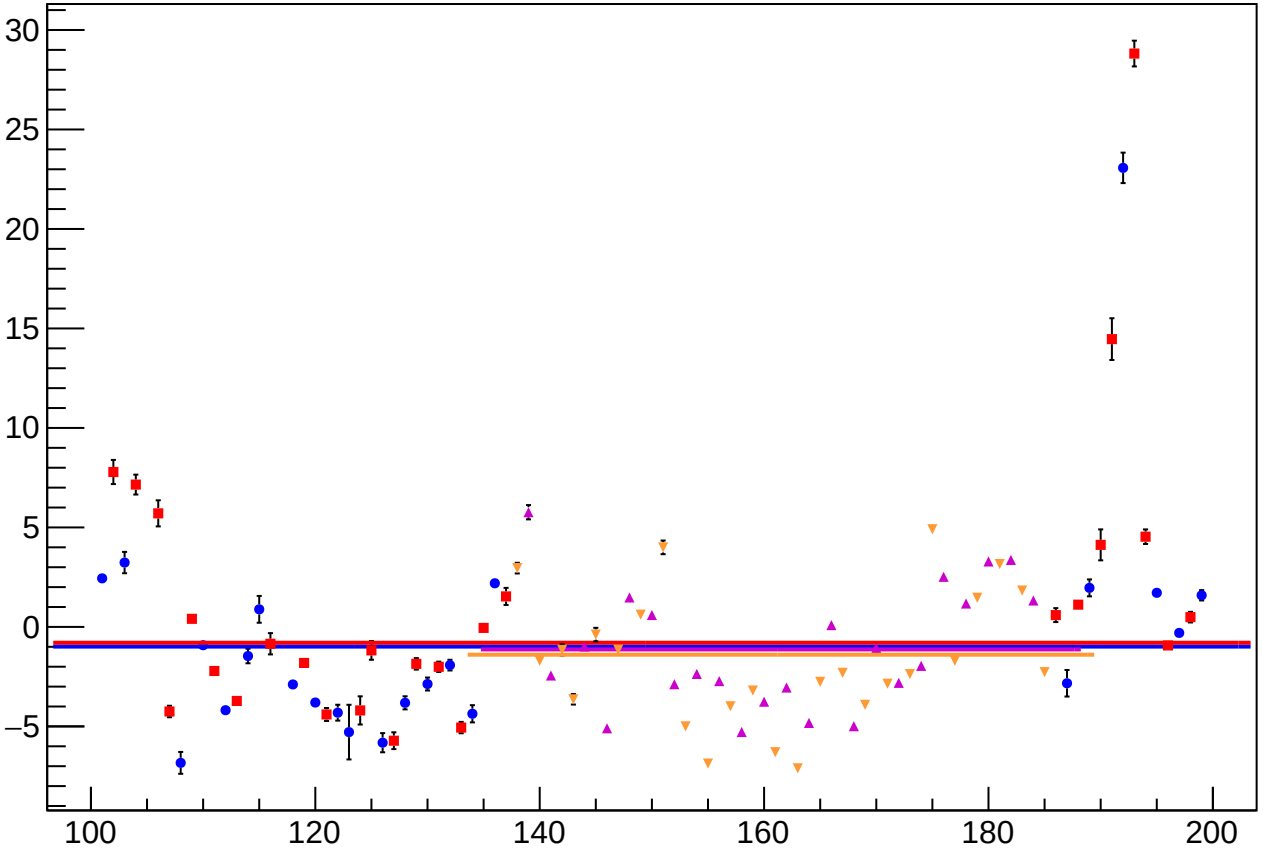
Right: -4.250+/-0.041 χ^2/NDF: 38115.8/48

In: 11.128+/-0.033 χ^2/NDF:134638.3/45

Out: 10.323+/-0.032 χ^2/NDF:216375.5/50

All: 10.712+/-0.023 χ^2/NDF: 351317.7/96

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.988+/-0.063 χ^2/NDF: 2669.6/22

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.795+/-0.059 χ^2/NDF: 4255.7/25

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

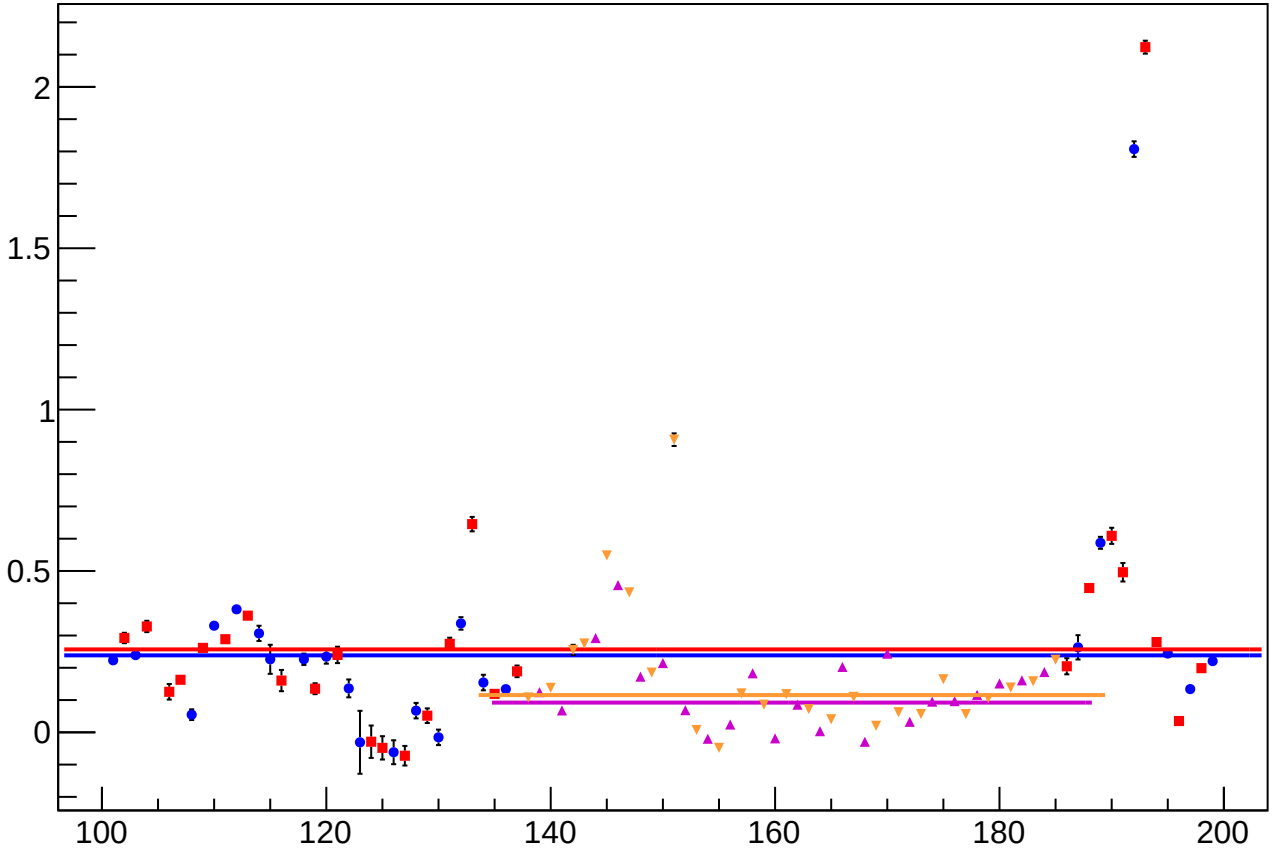
Right: -0.886+/-0.043 χ^2/NDF: 6930.3/48

In: -1.098+/-0.031 χ^2/NDF:9311.9/45

Out: -1.229+/-0.031 χ^2/NDF:11960.9/50

All: -1.162+/-0.022 χ^2/NDF: 21281.7/96

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.239+/-0.003 χ^2/NDF: 5474.9/22

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.257+/-0.003 χ^2/NDF: 11113.9/25

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.248+/-0.002 χ^2/NDF: 16608.8/48

In: 0.123+/-0.001 χ^2/NDF:11026.3/45

Out: 0.151+/-0.001 χ^2/NDF:17356.7/50

All: 0.136+/-0.001 χ^2/NDF: 28570.0/96