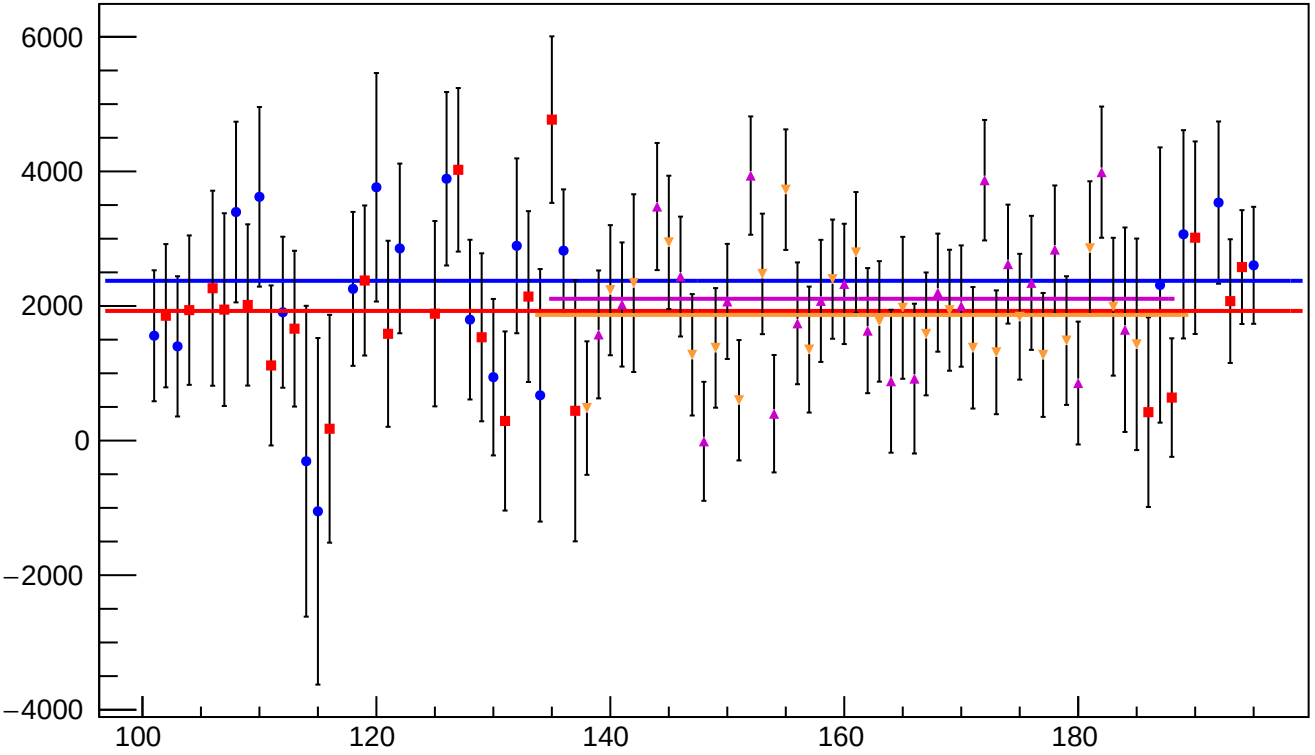
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2374.418+/-279.842 χ^2/NDF: 12.7/19

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

Right Out: 1926.793+/-255.702 χ^2/NDF: 16.8/21

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

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

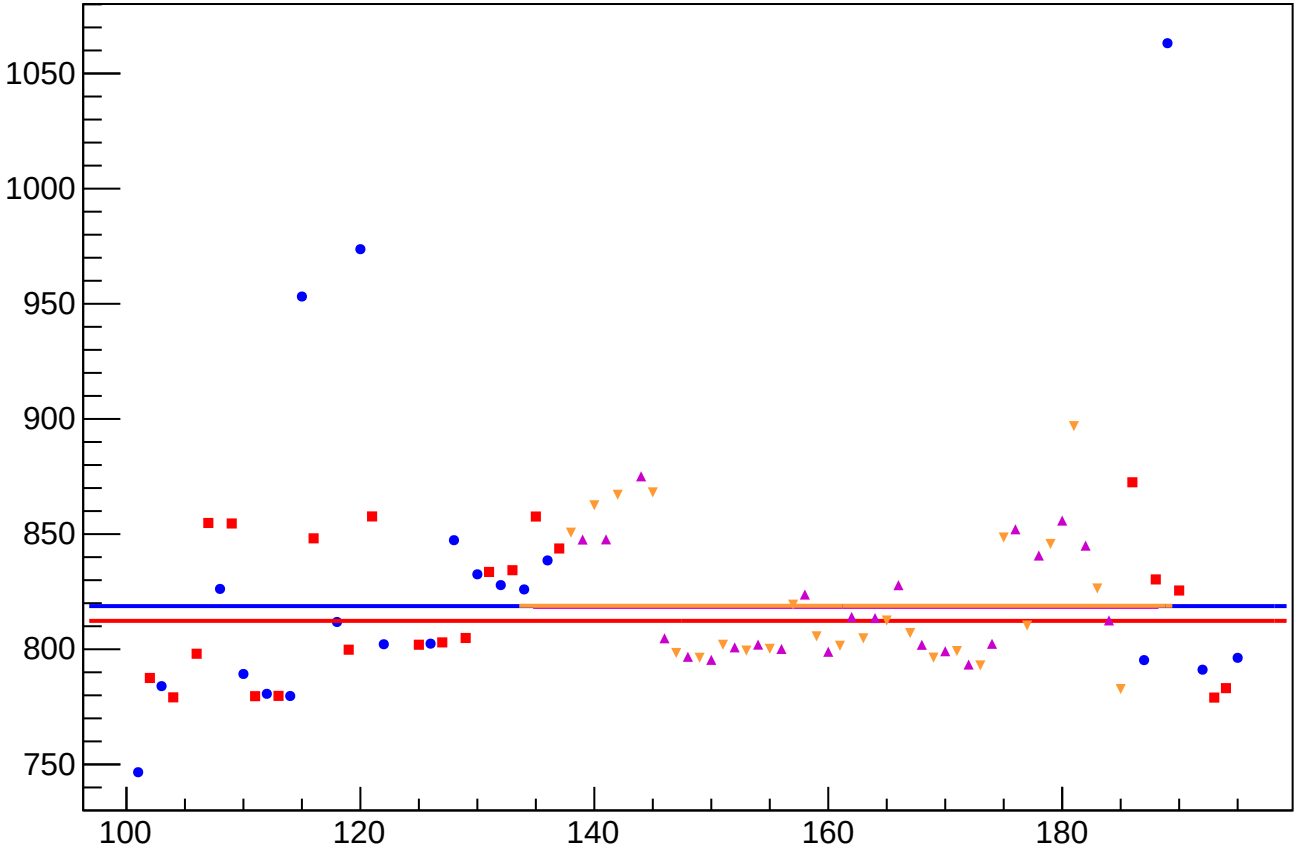
Right: 2130.470+/-188.767 χ^2/NDF: 30.9/41

In: 2194.548+/-159.966 χ^2/NDF:43.3/42

Out: 1889.282+/-154.957 χ^2/NDF:32.0/45

All: 2037.061+/-111.300 χ^2/NDF: 77.2/88

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 818.744+/-0.198 χ^2/NDF: 95023.2/19

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

Right Out: 812.330+/-0.181 χ^2/NDF: 27992.1/21

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

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

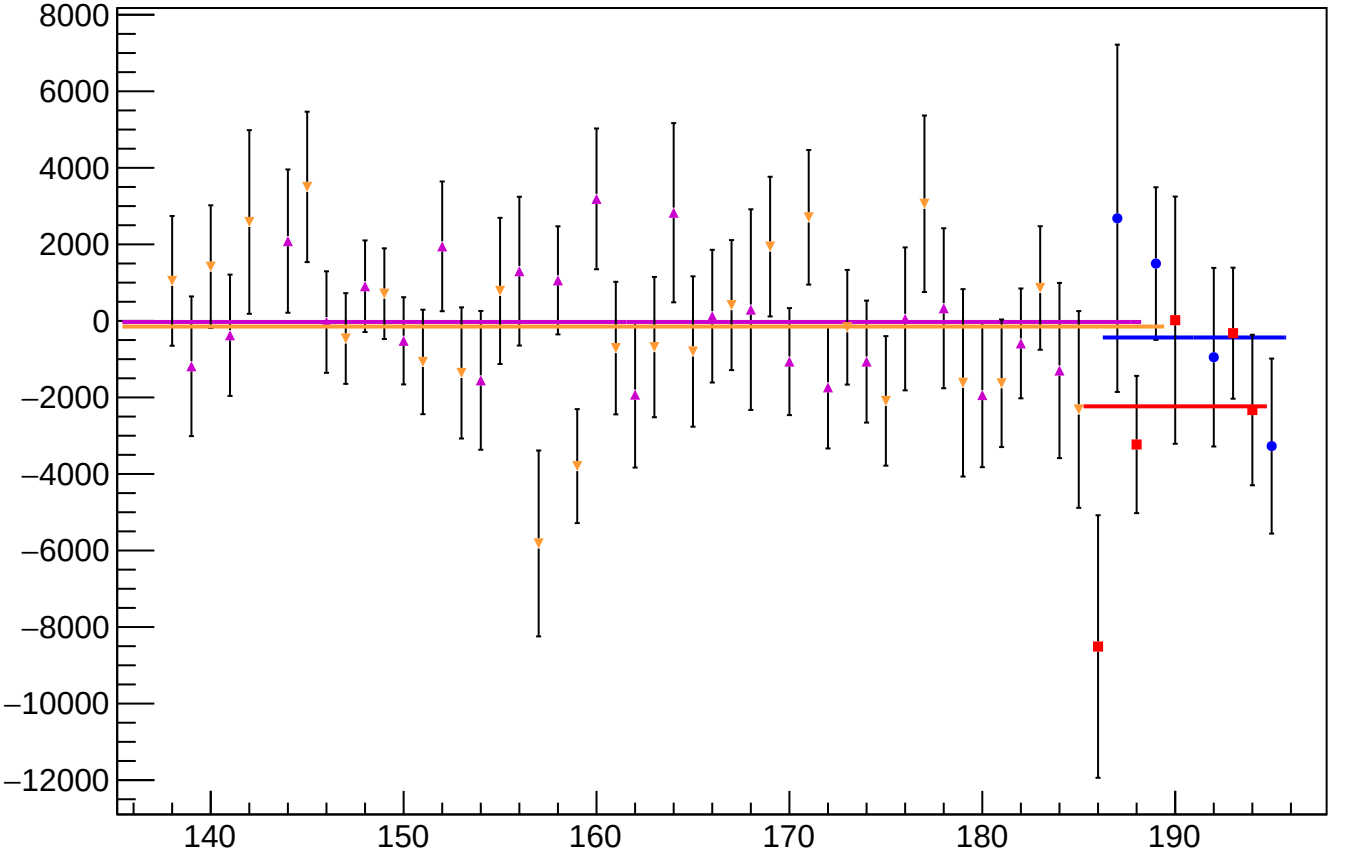
Right: 815.249+/-0.133 χ^2/NDF: 123587.9/41

In: 818.514+/-0.113 χ^2/NDF:124932.2/42

Out: 816.487+/-0.110 χ^2/NDF:70498.4/45

All: 817.469+/-0.079 χ^2/NDF: 195596.3/88

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -433.242+/-1217.209 χ^2/NDF: 3.0/3

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

Right Out: -2232.929+/-957.226 χ^2/NDF: 5.4/4

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

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

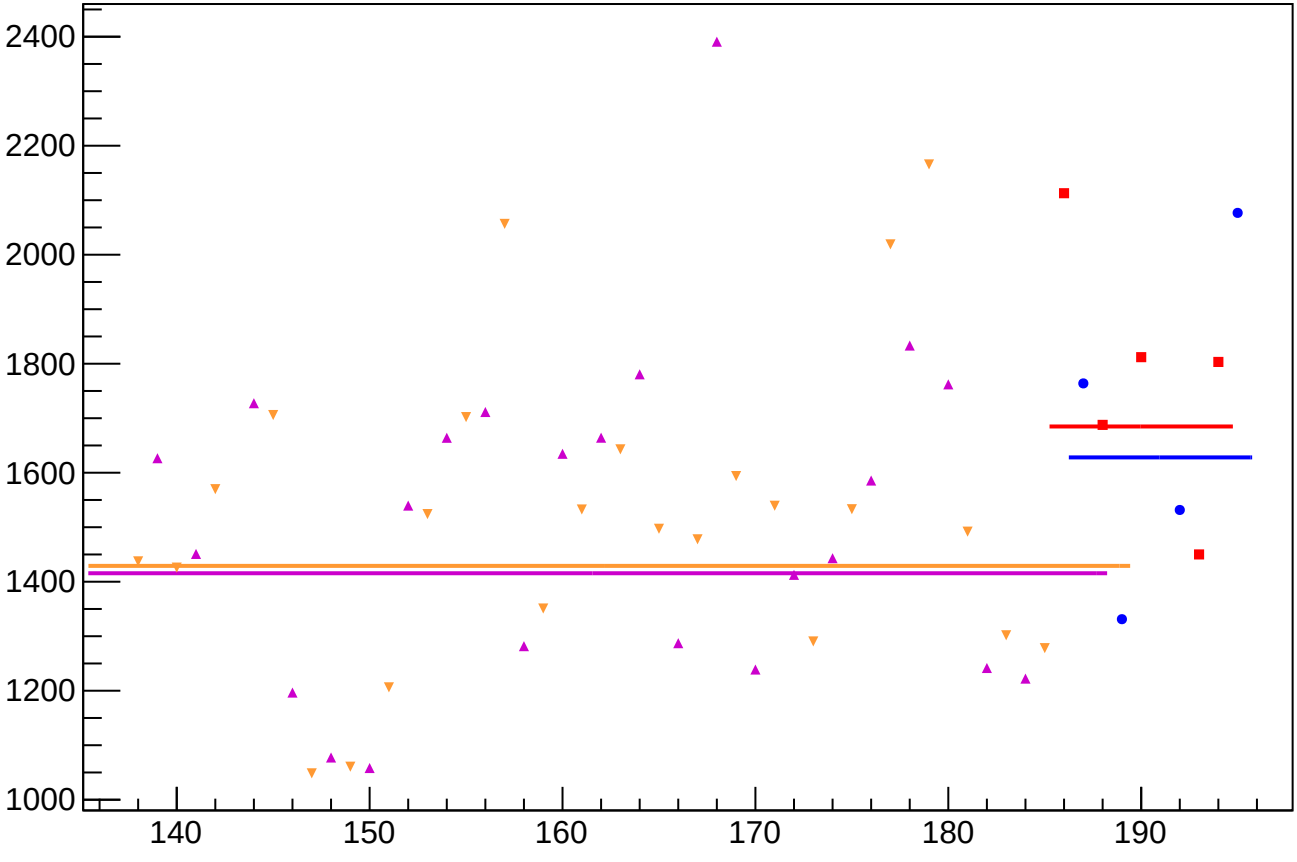
Right: -1545.230+/-752.430 χ^2/NDF: 9.7/8

In: -57.753+/-331.238 χ^2/NDF:17.9/26

Out: -390.965+/-326.850 χ^2/NDF:38.9/28

All: -226.581+/-232.654 χ^2/NDF: 57.3/55

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1628.107+/-0.861 χ^2/NDF: 126507.7/3

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

Right Out: 1684.840+/-0.677 χ^2/NDF: 79093.5/4

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

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

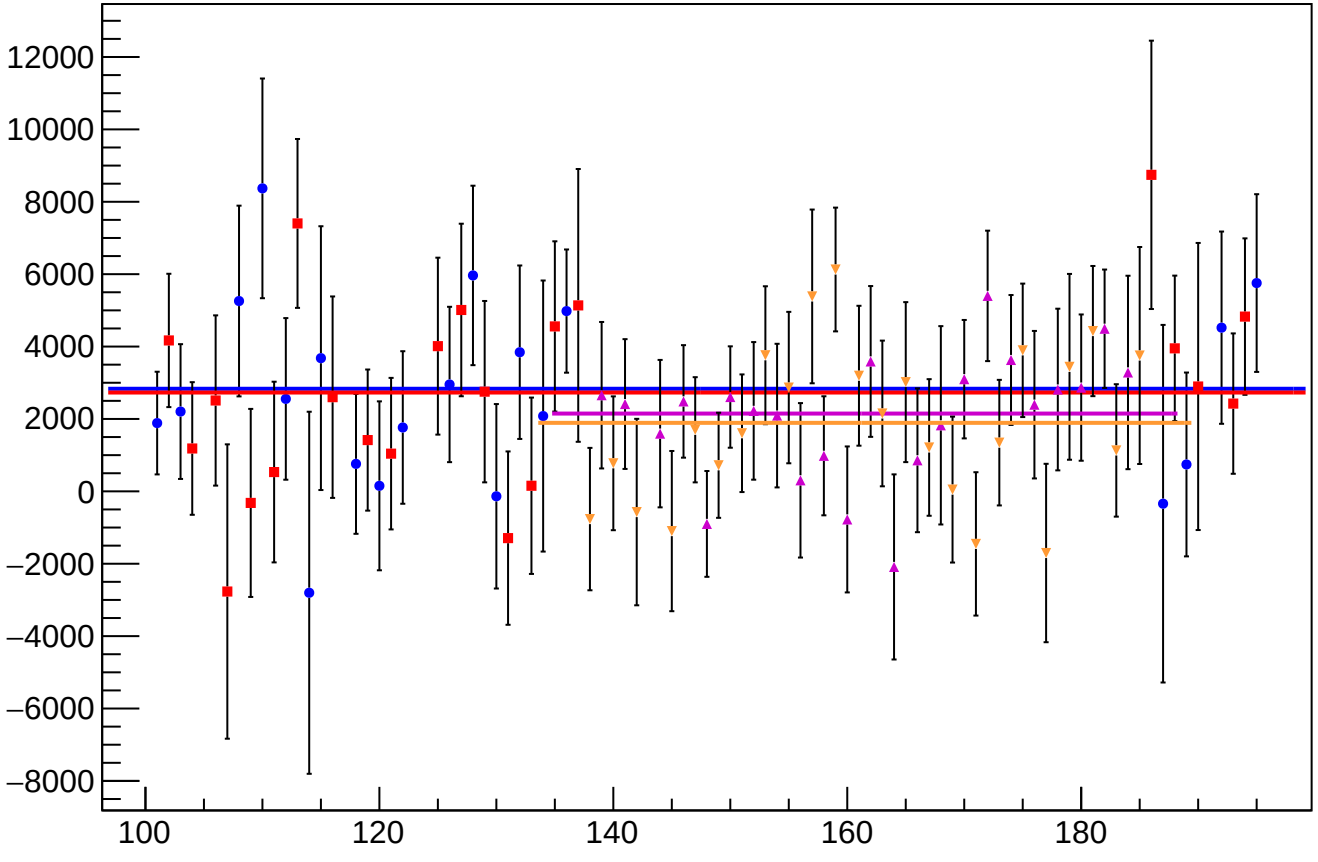
Right: 1663.161+/-0.532 χ^2/NDF: 208285.8/8

In: 1431.295+/-0.234 χ^2/NDF:1428580.8/26

Out: 1458.886+/-0.231 χ^2/NDF:1312191.2/28

All: 1445.275+/-0.165 χ^2/NDF: 2747802.8/55

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2834.154+/-522.762 χ^2/NDF: 16.5/19

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

Right Out: 2730.093+/-505.854 χ^2/NDF: 20.5/21

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

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

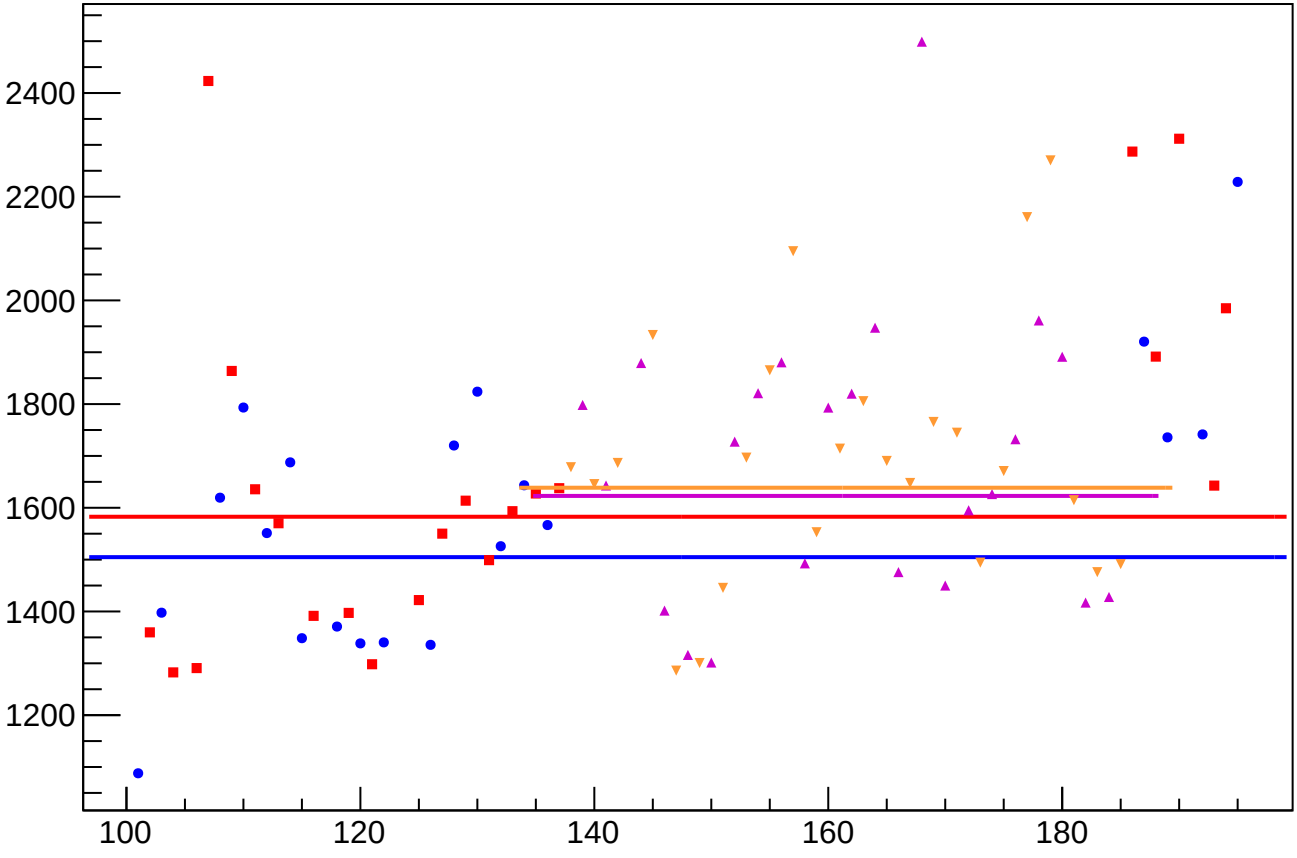
Right: 2780.413+/-363.523 χ^2/NDF: 37.0/41

In: 2395.283+/-313.475 χ^2/NDF:36.0/42

Out: 2209.570+/-311.230 χ^2/NDF:48.2/45

All: 2301.759+/-220.862 χ^2/NDF: 84.4/88

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1504.777+/-0.370 χ^2/NDF: 525336.9/19

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

Right Out: 1582.698+/-0.358 χ^2/NDF: 559377.2/21

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

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

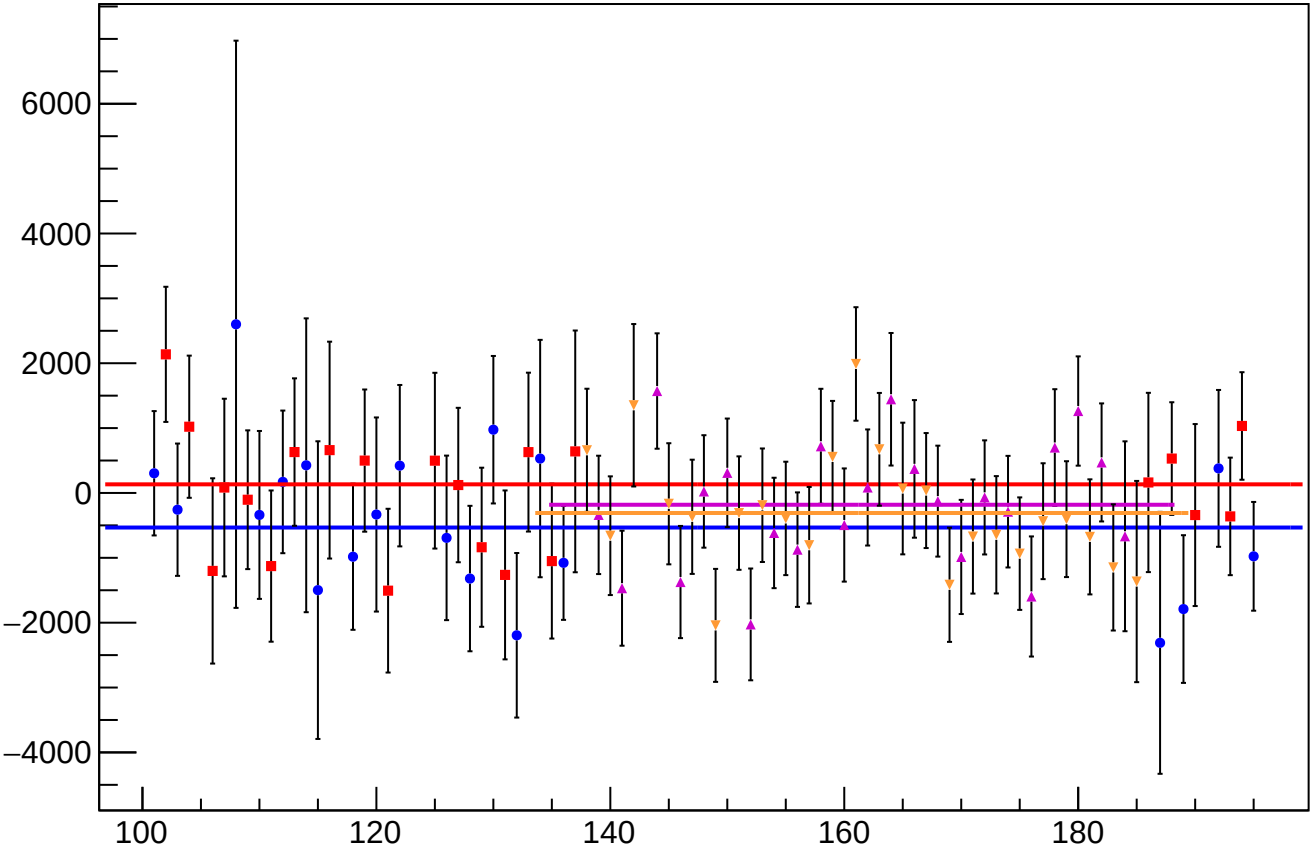
Right: 1545.018+/-0.257 χ^2/NDF: 1107661.9/41

In: 1580.410+/-0.222 χ^2/NDF:1371229.2/42

Out: 1617.488+/-0.220 χ^2/NDF:1246582.6/45

All: 1599.082+/-0.156 χ^2/NDF: 2631902.7/88

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -533.008+/-274.001 χ^2/NDF: 10.4/19

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

Right Out: 132.844+/-248.667 χ^2/NDF: 13.4/21

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

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

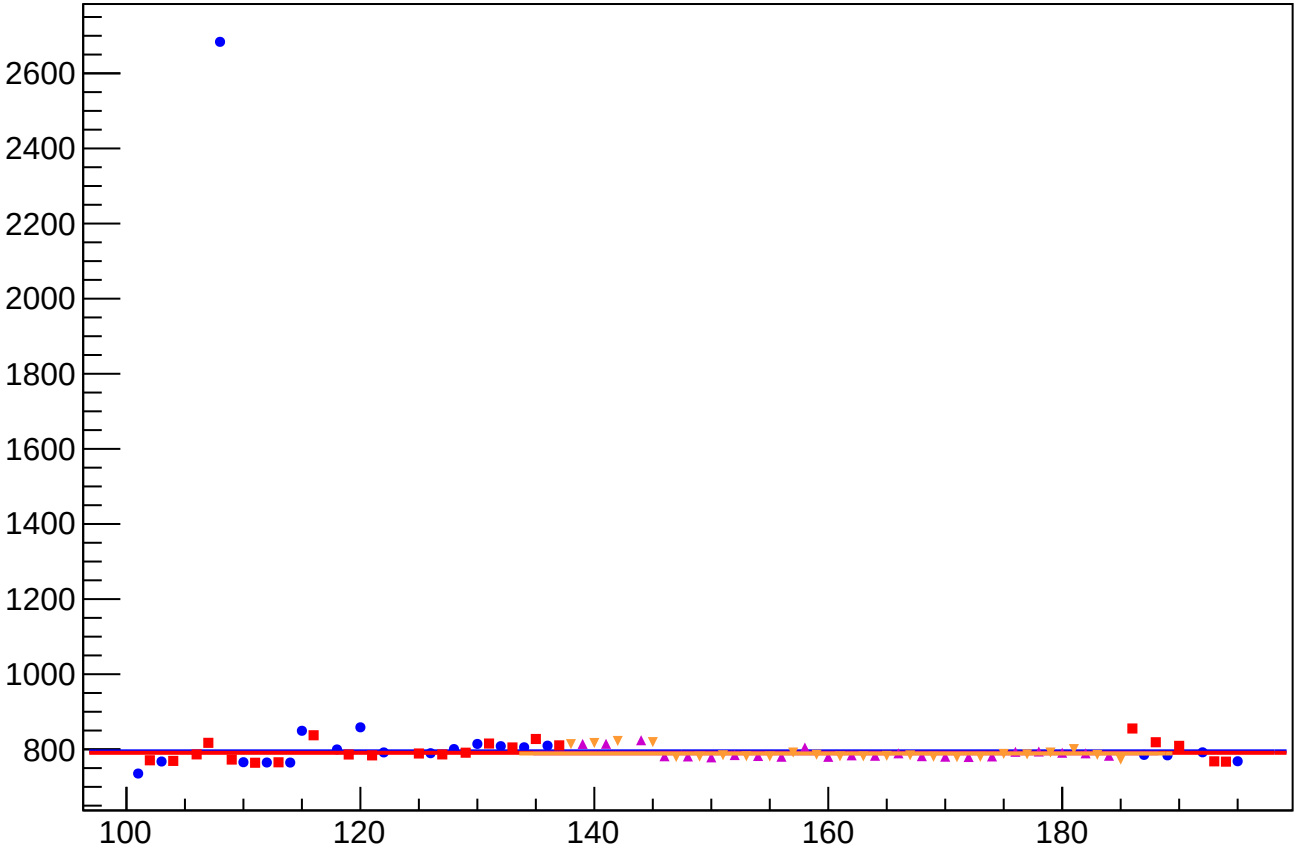
Right: -167.884+/-184.141 χ^2/NDF: 27.1/41

In: -294.288+/-154.983 χ^2/NDF:37.1/42

Out: -148.788+/-149.684 χ^2/NDF:36.0/45

All: -219.008+/-107.667 χ^2/NDF: 73.6/88

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 794.639+/-0.194 χ^2/NDF: 393886.9/19

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

Right Out: 790.712+/-0.176 χ^2/NDF: 19361.6/21

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

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

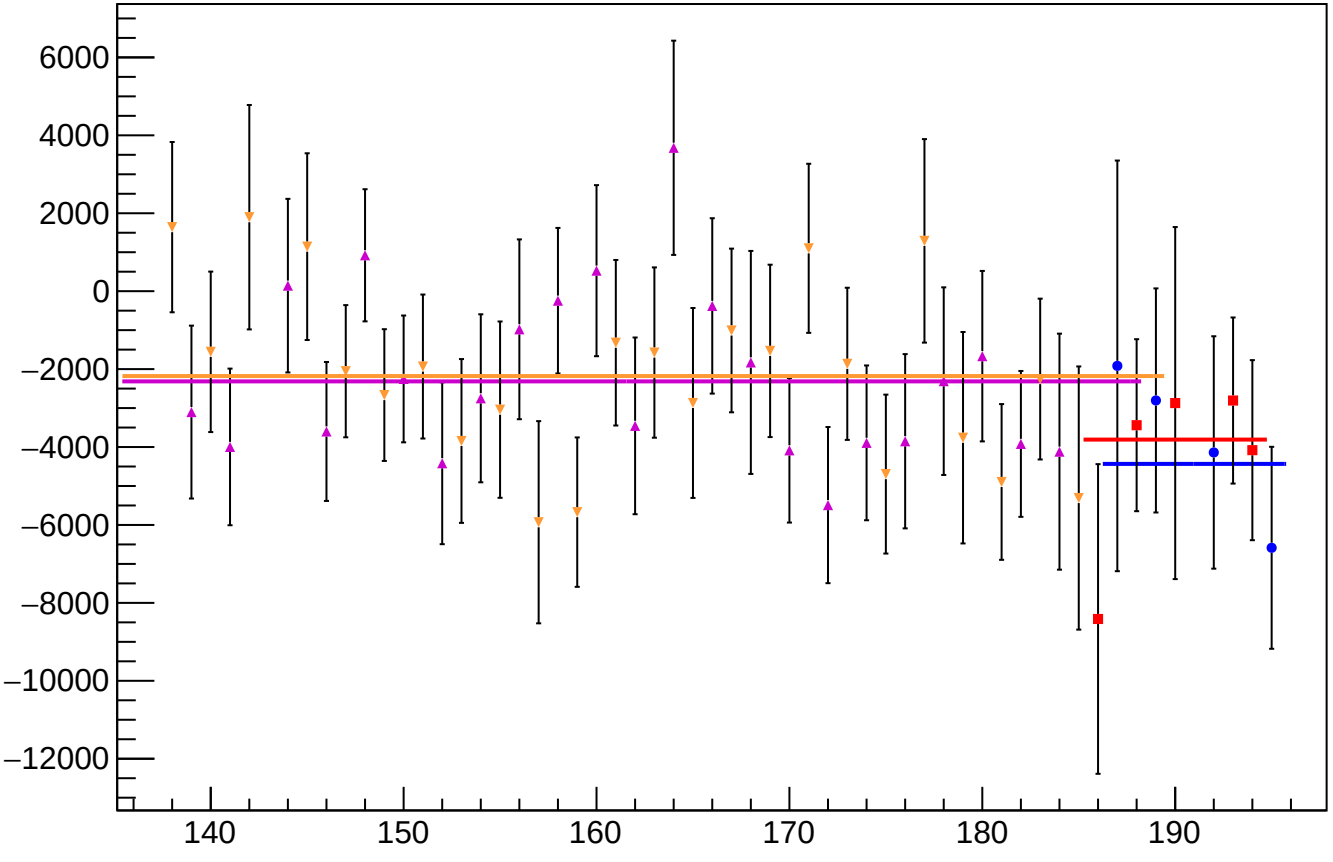
Right: 792.486+/-0.130 χ^2/NDF: 413473.7/41

In: 791.080+/-0.110 χ^2/NDF:403602.0/42

Out: 789.548+/-0.106 χ^2/NDF:28772.7/45

All: 790.287+/-0.076 χ^2/NDF: 432475.9/88

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -4432.888+/-1546.334 χ^2/NDF: 1.2/3

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

Right Out: -3809.100+/-1174.427 χ^2/NDF: 1.6/4

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

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

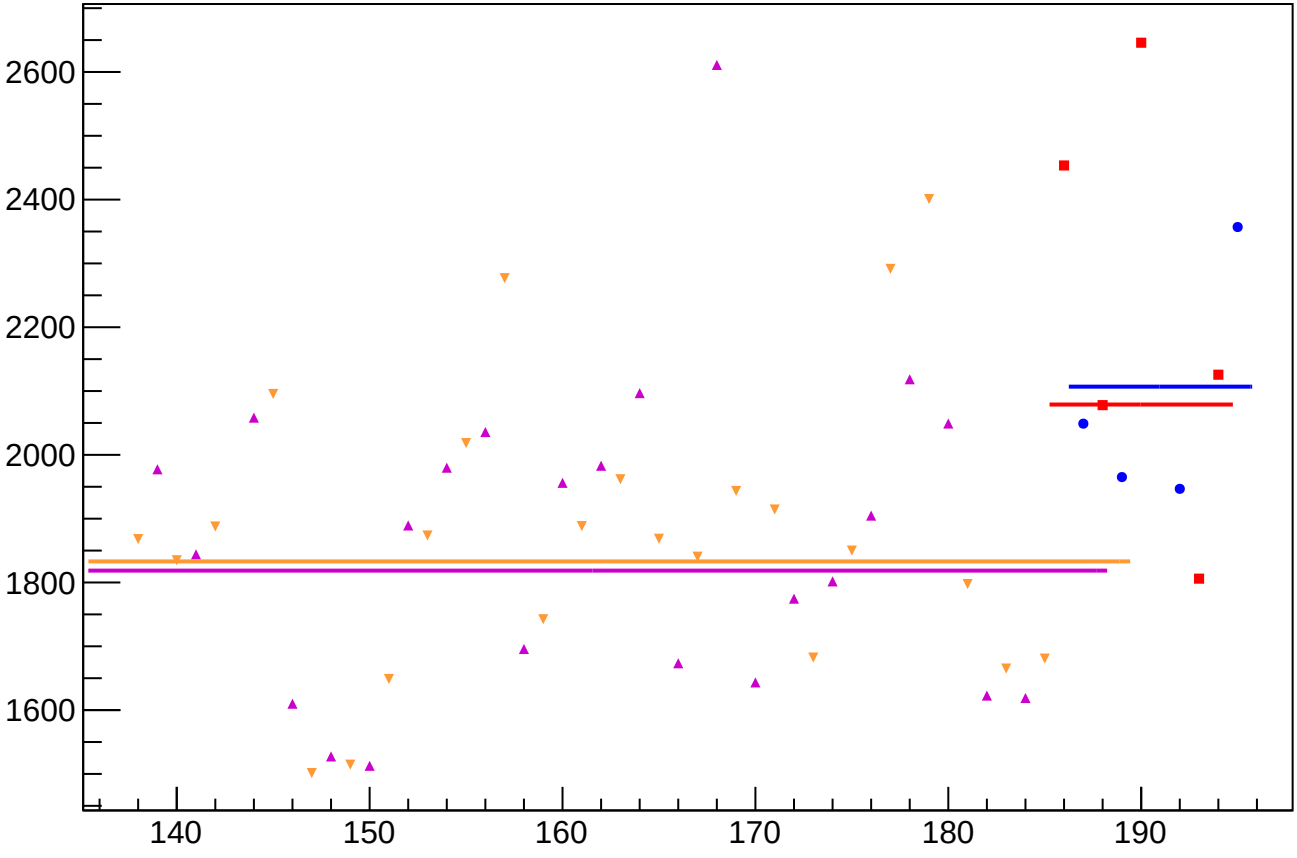
Right: -4037.291+/-935.264 χ^2/NDF: 3.0/8

In: -2471.794+/-420.532 χ^2/NDF:25.0/26

Out: -2378.904+/-411.754 χ^2/NDF:26.1/28

All: -2424.370+/-294.208 χ^2/NDF: 51.1/55

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 2106.893+/-1.093 χ^2/NDF: 29490.3/3

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

Right Out: 2078.883+/-0.830 χ^2/NDF: 82877.3/4

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

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

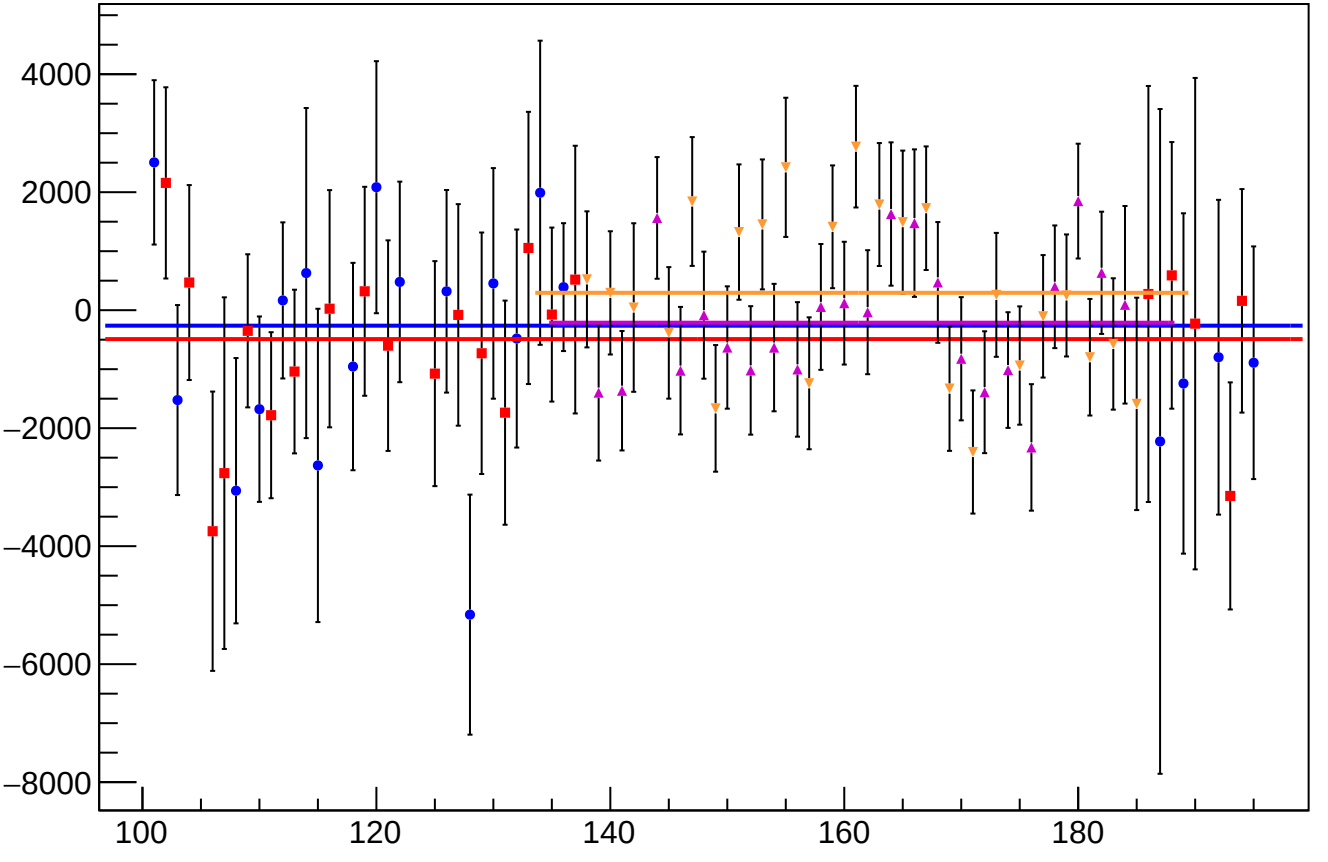
Right: 2089.129+/-0.661 χ^2/NDF: 112783.7/8

In: 1839.917+/-0.297 χ^2/NDF:630695.2/26

Out: 1863.248+/-0.291 χ^2/NDF:625217.6/28

All: 1851.829+/-0.208 χ^2/NDF: 1259055.9/55

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -262.559+/-410.988 χ^2/NDF: 17.0/19

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

Right Out: -490.078+/-397.274 χ^2/NDF: 10.4/21

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

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

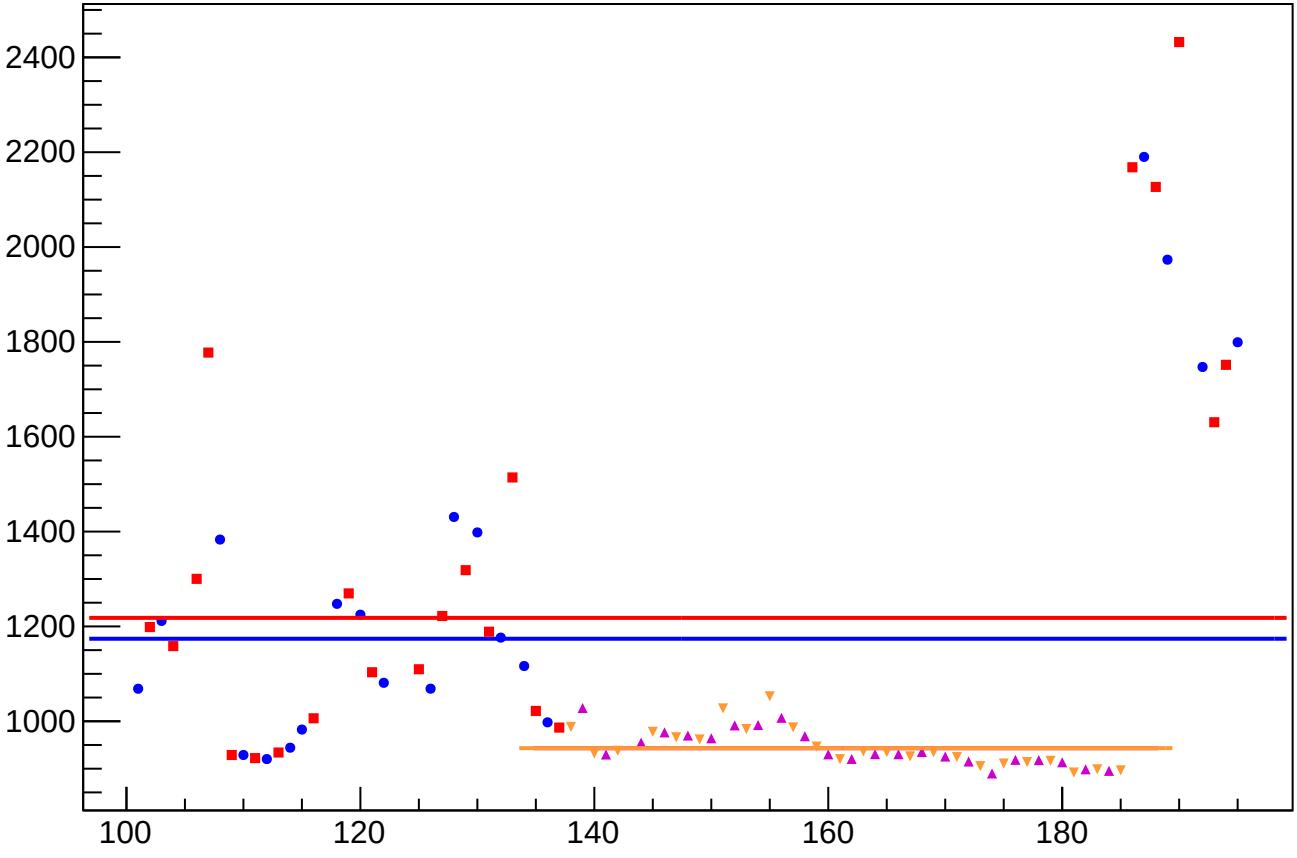
Right: -380.178+/-285.640 χ^2/NDF: 27.6/41

In: -223.697+/-197.158 χ^2/NDF:40.8/42

Out: 104.911+/-195.348 χ^2/NDF:51.6/45

All: -57.878+/-138.767 χ^2/NDF: 93.8/88

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1174.009+/-0.291 χ^2/NDF: 818142.8/19

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

Right Out: 1218.050+/-0.281 χ^2/NDF: 1369599.9/21

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

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

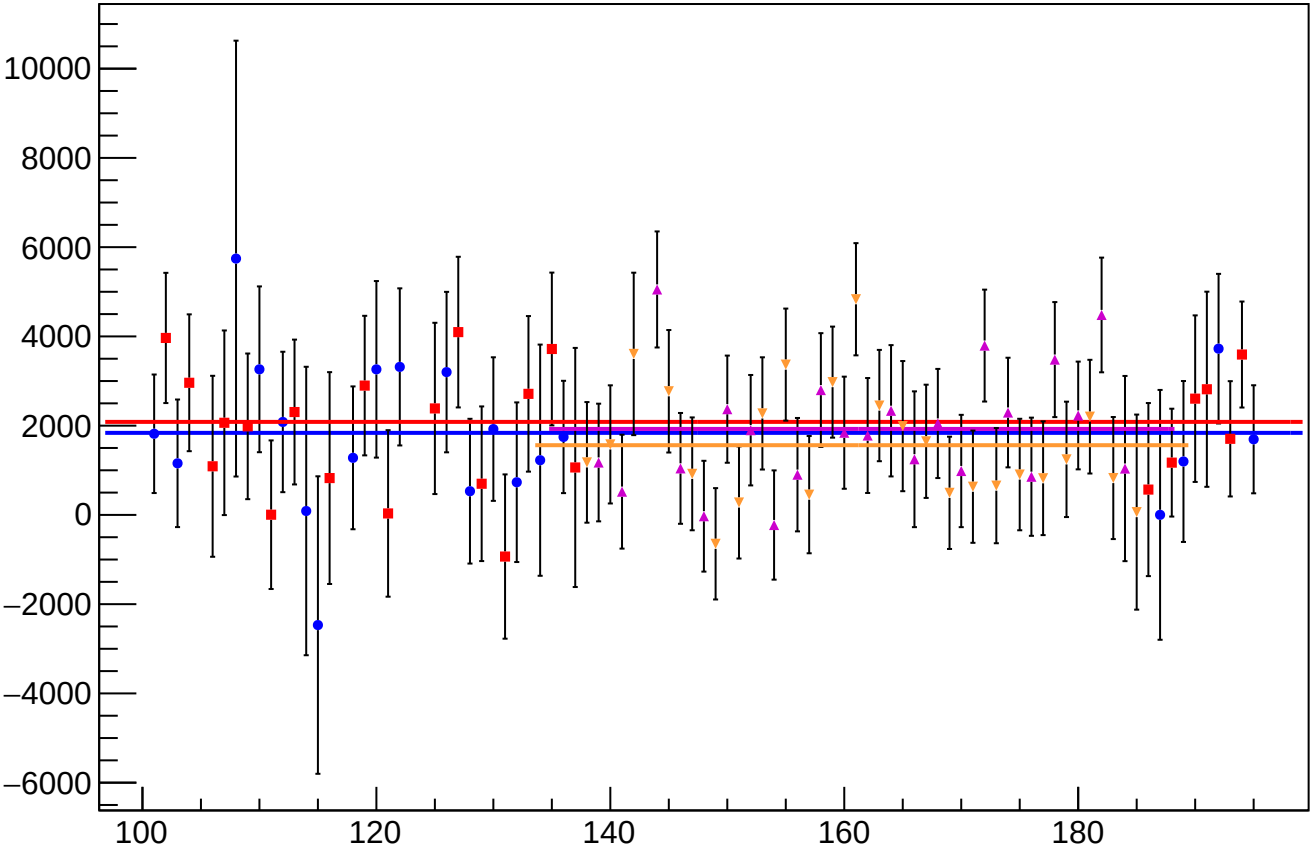
Right: 1196.776+/-0.202 χ^2/NDF: 2199615.3/41

In: 996.267+/-0.139 χ^2/NDF:1353976.0/42

Out: 1009.753+/-0.138 χ^2/NDF:2155160.6/45

All: 1003.072+/-0.098 χ^2/NDF: 3513858.6/88

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1838.657+/-389.588 χ^2/NDF: 8.3/19

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

Right Out: 2084.590+/-349.699 χ^2/NDF: 14.6/22

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

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

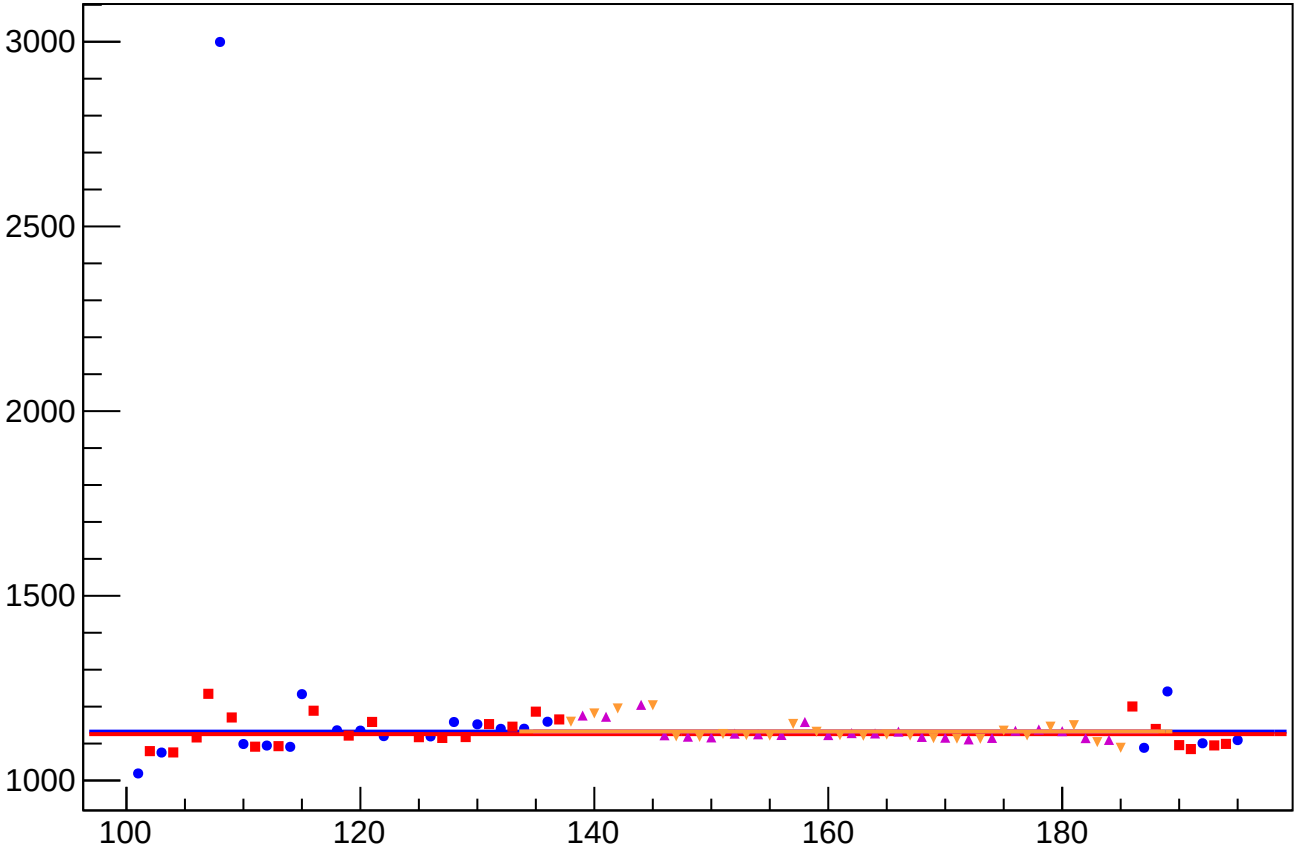
Right: 1974.854+/-260.238 χ^2/NDF: 23.1/42

In: 1898.336+/-221.731 χ^2/NDF:32.5/42

Out: 1756.576+/-213.351 χ^2/NDF:37.8/46

All: 1824.727+/-153.739 χ^2/NDF: 70.4/89

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.275+/-0.275 χ^2/NDF: 325224.6/19

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

Right Out: 1125.525+/-0.247 χ^2/NDF: 25281.8/22

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

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

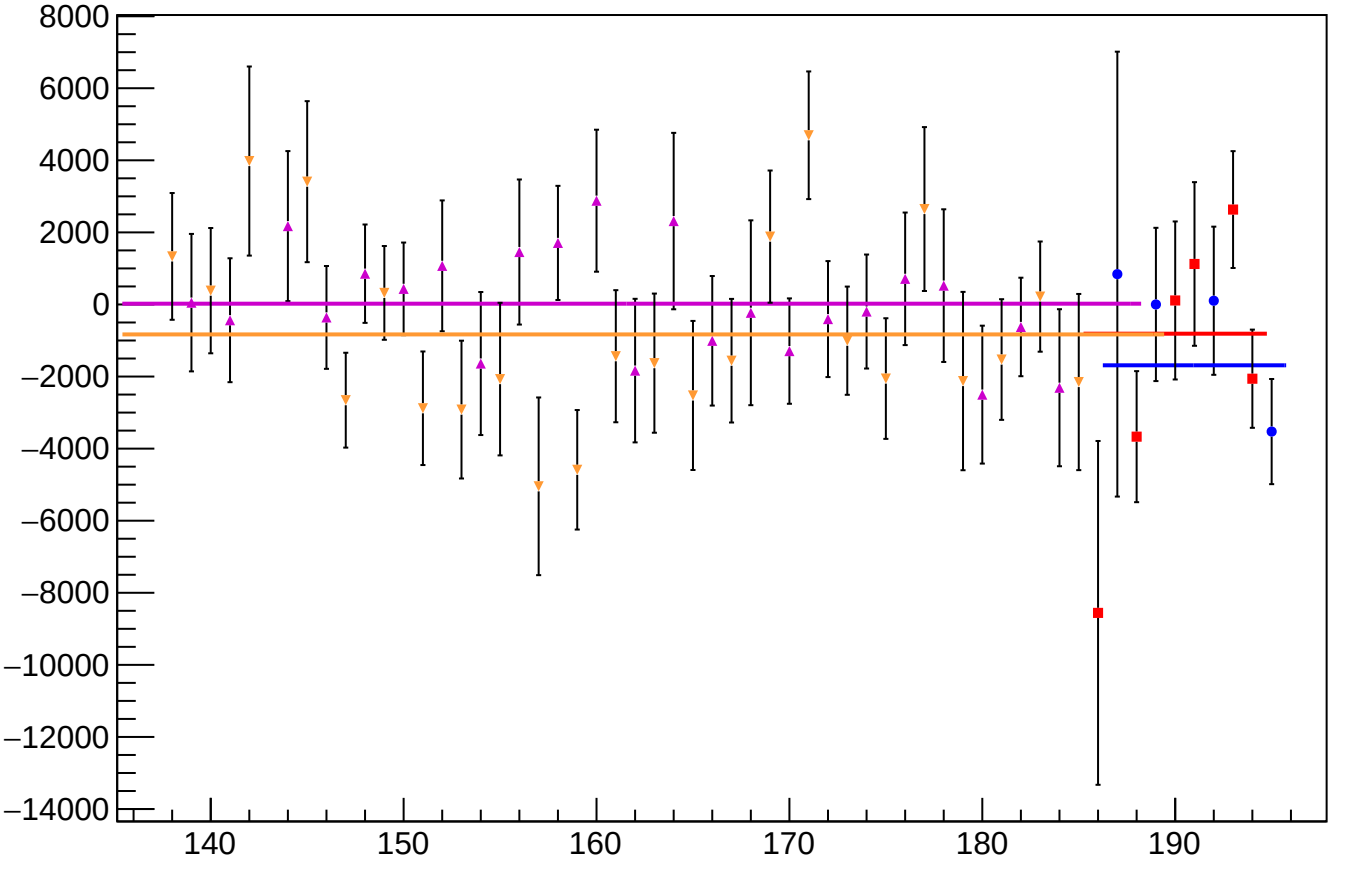
Right: 1128.537+/-0.184 χ^2/NDF: 350838.8/42

In: 1132.475+/-0.157 χ^2/NDF:339750.2/42

Out: 1130.144+/-0.151 χ^2/NDF:42624.3/46

All: 1131.264+/-0.109 χ^2/NDF: 382489.2/89

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1687.928+/-1023.885 χ^2/NDF: 3.1/3

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

Right Out: -810.961+/-774.356 χ^2/NDF: 11.4/5

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

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

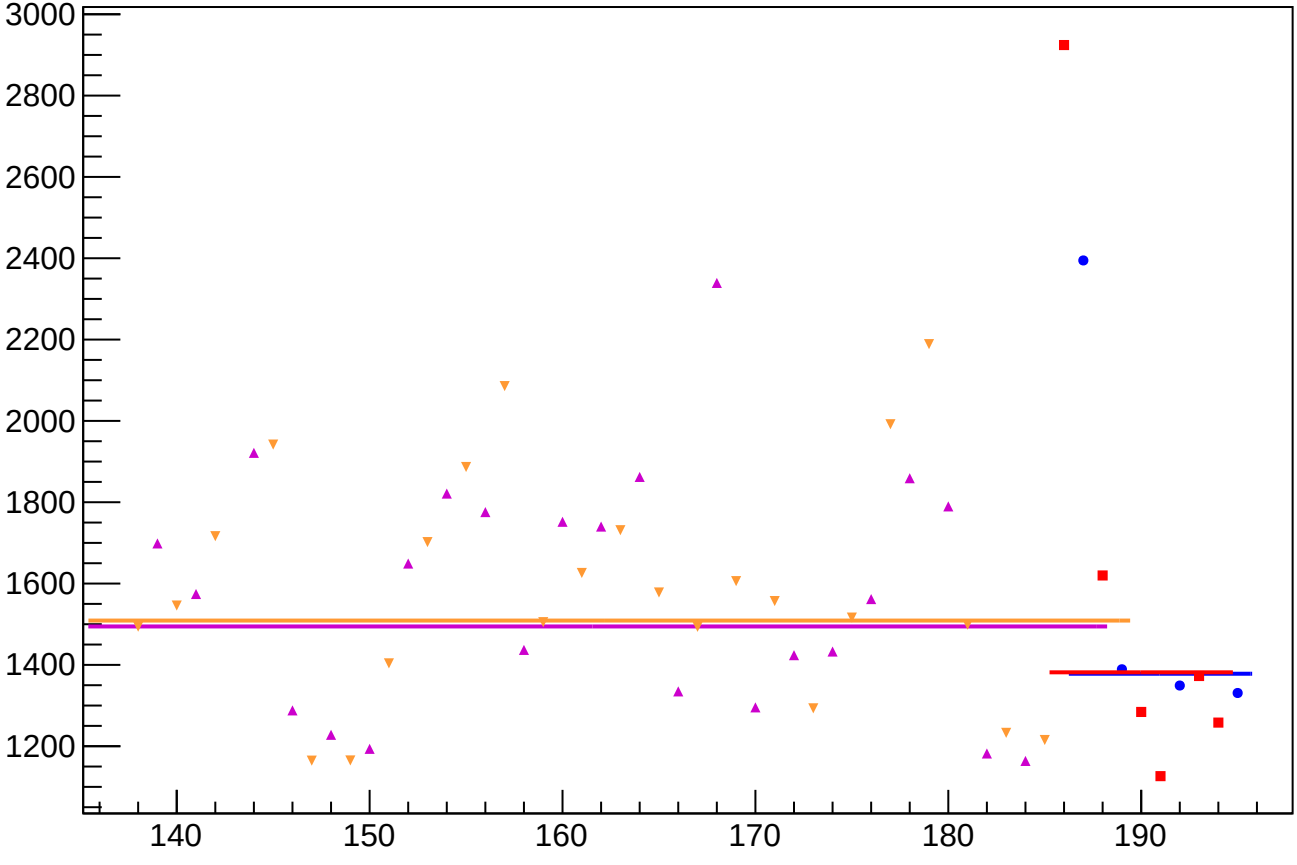
Right: -1130.053+/-617.615 χ^2/NDF: 15.0/9

In: -168.954+/-341.695 χ^2/NDF:18.4/26

Out: -827.280+/-330.964 χ^2/NDF:51.5/29

All: -508.617+/-237.730 χ^2/NDF: 71.8/56

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1378.226+/-0.724 χ^2/NDF: 56784.1/3

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

Right Out: 1381.709+/-0.548 χ^2/NDF: 289293.2/5

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

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

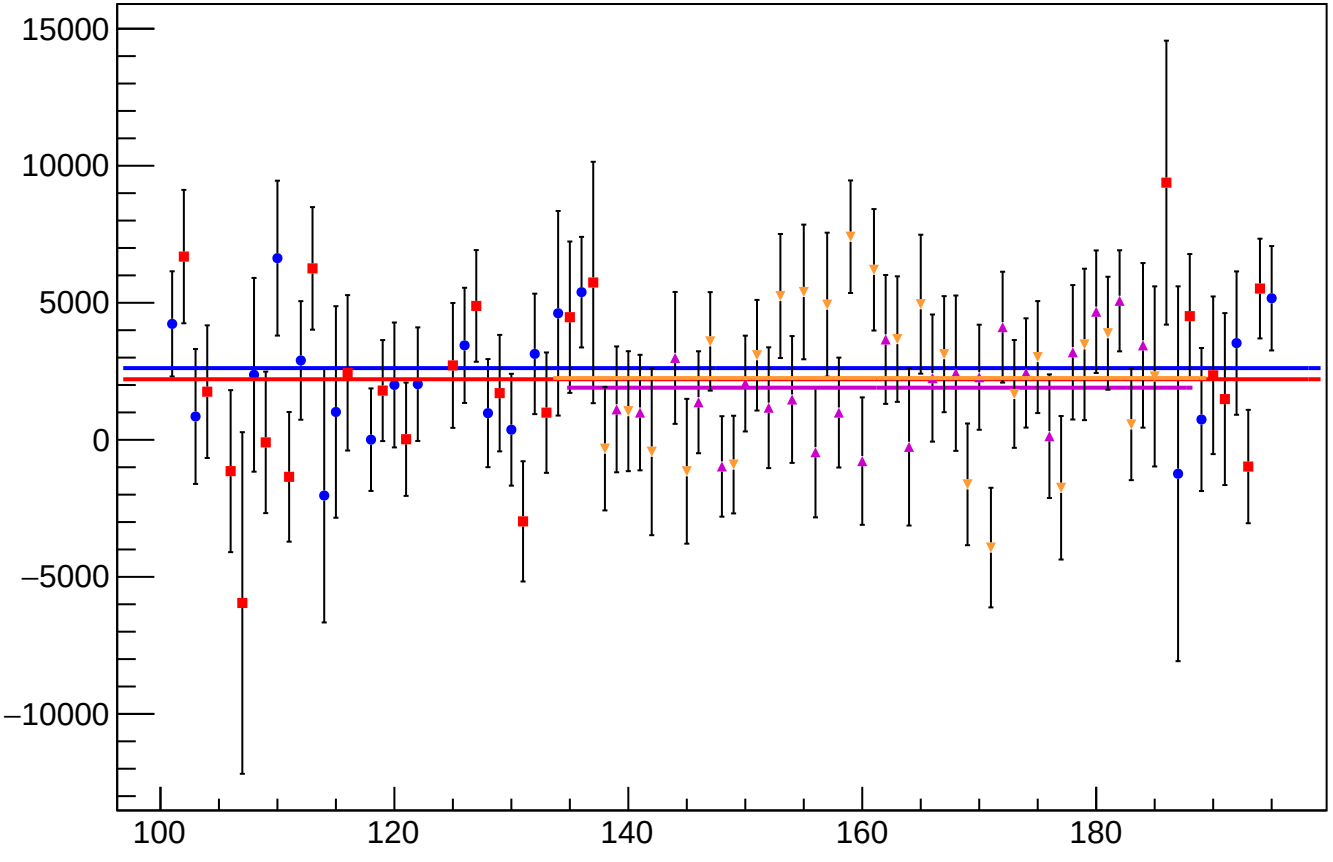
Right: 1380.442+/-0.437 χ^2/NDF: 346092.0/9

In: 1481.557+/-0.242 χ^2/NDF:1175987.3/26

Out: 1485.741+/-0.234 χ^2/NDF:1322132.1/29

All: 1483.716+/-0.168 χ^2/NDF: 2498274.1/56

asym_usl_mean vs Slug, Sign Corrected



Right In: 2616.981+/-533.064 χ^2/NDF: 13.6/19

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

Right Out: 2210.573+/-506.047 χ^2/NDF: 31.7/22

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

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

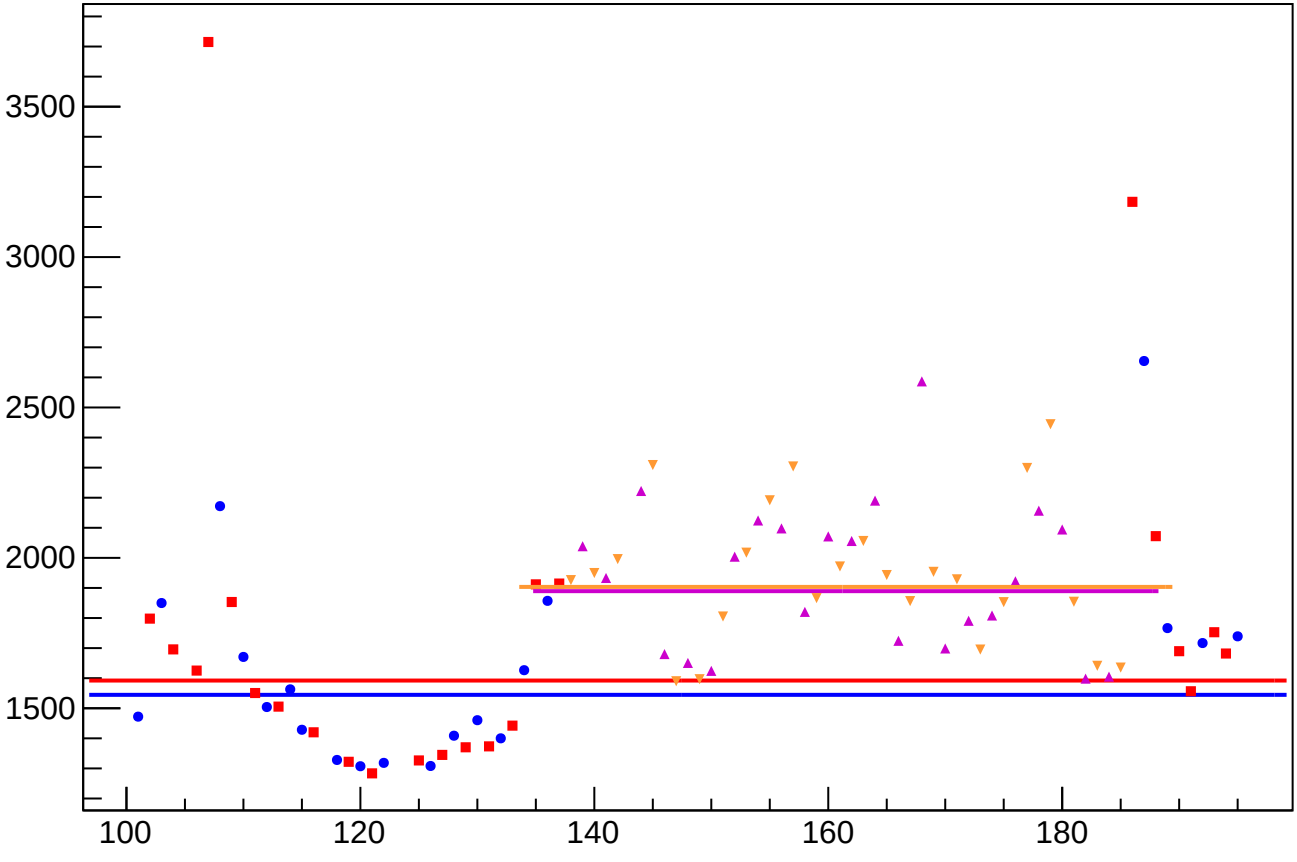
Right: 2403.218+/-367.009 χ^2/NDF: 45.5/42

In: 2202.375+/-345.580 χ^2/NDF:28.5/42

Out: 2234.510+/-338.916 χ^2/NDF:70.3/46

All: 2218.755+/-241.972 χ^2/NDF: 98.8/89

asym_usl_rms vs Slug, Sign Corrected



Right In: 1544.622+/-0.377 χ^2/NDF: 367964.2/19

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

Right Out: 1592.165+/-0.358 χ^2/NDF: 812586.6/22

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

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

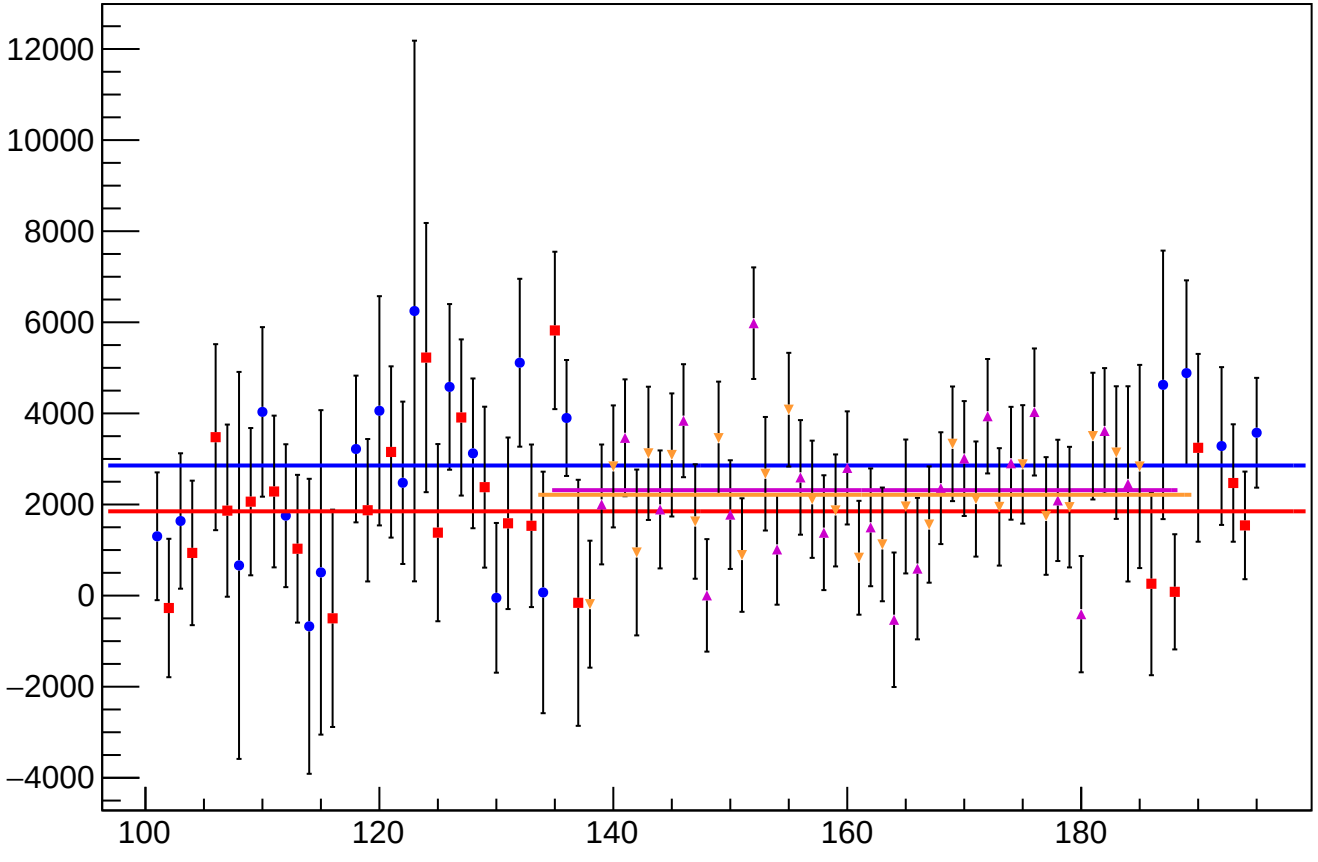
Right: 1569.629+/-0.260 χ^2/NDF: 1188918.8/42

In: 1744.454+/-0.244 χ^2/NDF:1361435.5/42

Out: 1763.829+/-0.240 χ^2/NDF:1691830.1/46

All: 1754.330+/-0.171 χ^2/NDF: 3056470.3/89

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2856.220+/-400.098 χ^2/NDF: 14.4/20

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

Right Out: 1850.092+/-356.330 χ^2/NDF: 16.8/22

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

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

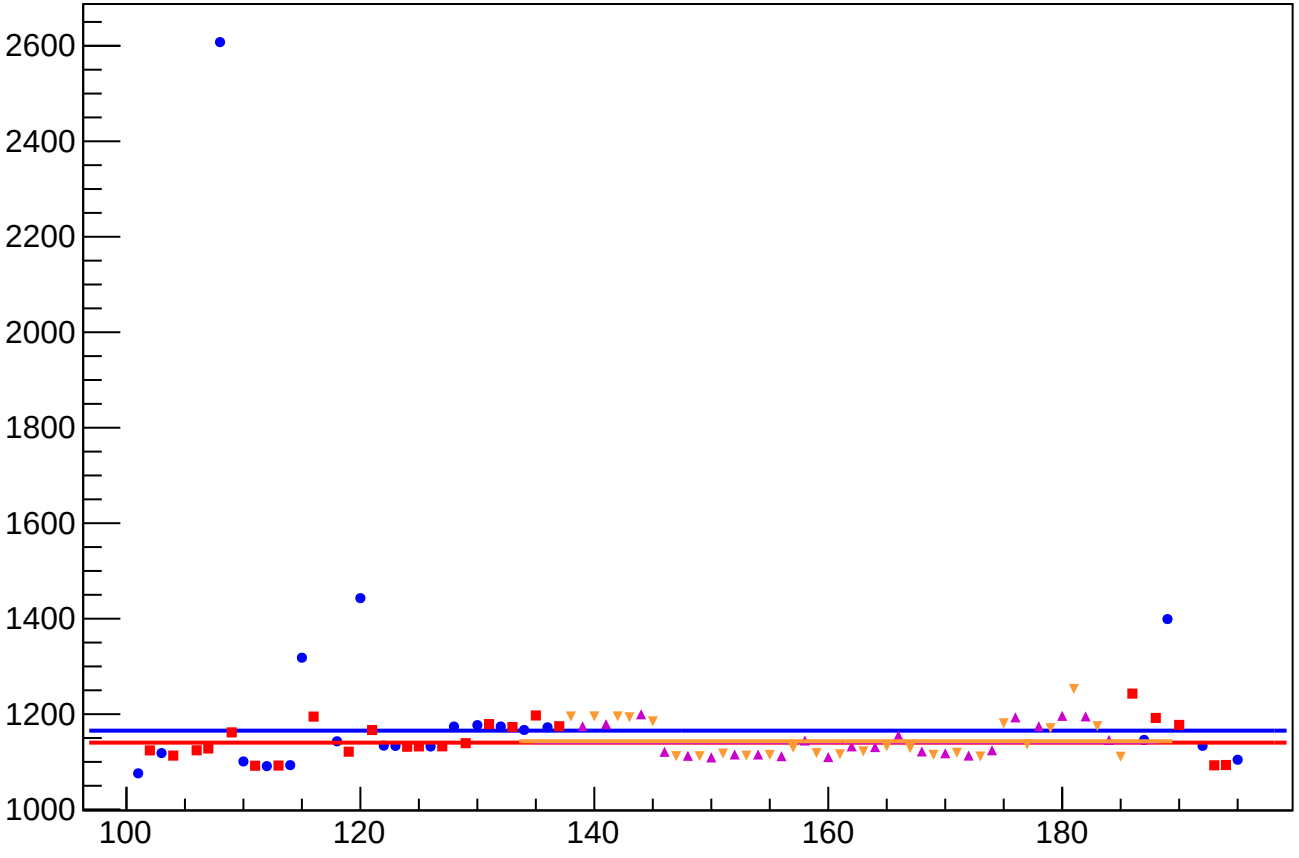
Right: 2295.134+/-266.097 χ^2/NDF: 34.8/43

In: 2485.811+/-224.870 χ^2/NDF:47.2/43

Out: 2082.755+/-213.631 χ^2/NDF:31.7/47

All: 2273.959+/-154.881 χ^2/NDF: 80.6/91

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.470+/-0.283 χ^2/NDF: 310798.8/20

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

Right Out: 1140.354+/-0.252 χ^2/NDF: 25740.3/22

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

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

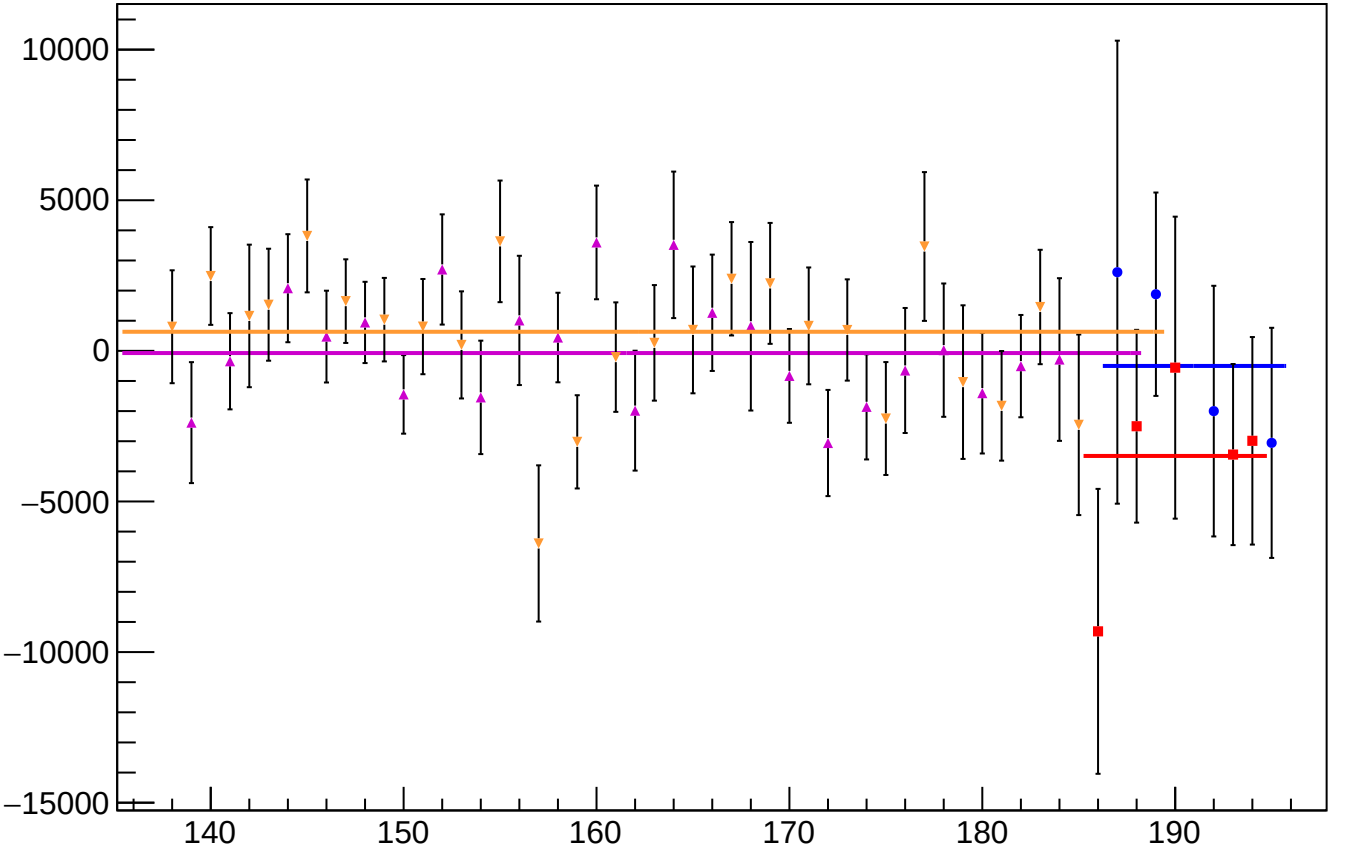
Right: 1151.463+/-0.188 χ^2/NDF: 340934.4/43

In: 1148.978+/-0.159 χ^2/NDF:343780.9/43

Out: 1142.209+/-0.151 χ^2/NDF:65318.2/47

All: 1145.420+/-0.110 χ^2/NDF: 410051.8/91

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -501.021+/-2080.659 χ^2/NDF: 1.2/3

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

Right Out: -3488.841+/-1628.444 χ^2/NDF: 2.0/4

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

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

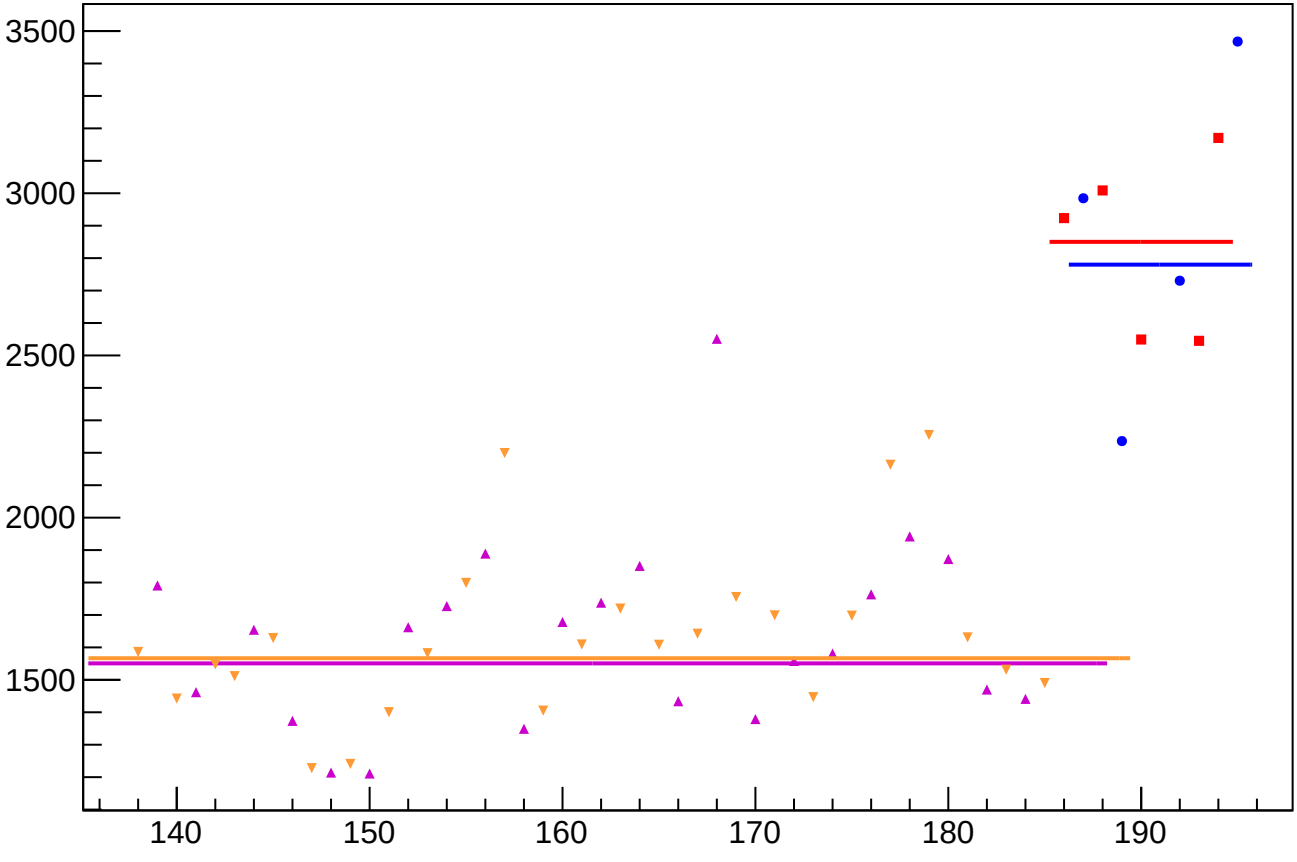
Right: -2353.871+/-1282.377 χ^2/NDF: 4.5/8

In: -86.448+/-369.318 χ^2/NDF:21.4/26

Out: 429.352+/-362.596 χ^2/NDF:37.3/29

All: 176.189+/-258.738 χ^2/NDF: 59.7/56

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2779.969+/-1.471 χ^2/NDF: 118458.4/3

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

Right Out: 2850.218+/-1.151 χ^2/NDF: 50504.3/4

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

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

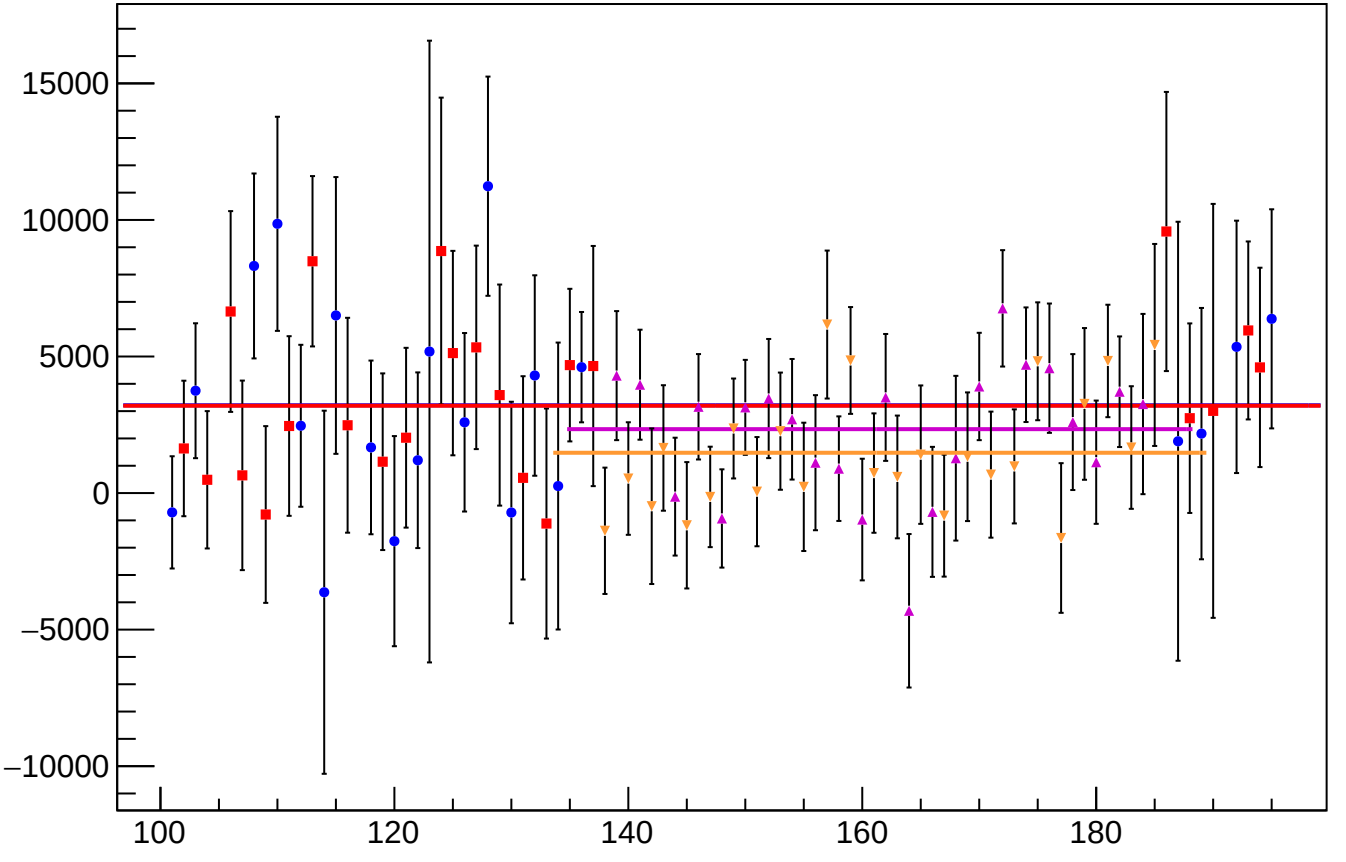
Right: 2823.533+/-0.907 χ^2/NDF: 170376.6/8

In: 1589.478+/-0.261 χ^2/NDF:1723169.1/26

Out: 1630.266+/-0.256 χ^2/NDF:1998470.6/29

All: 1610.246+/-0.183 χ^2/NDF: 3734060.9/56

asym_usr_mean vs Slug, Sign Corrected



Right In: 3214.247+/-757.432 χ^2/NDF: 19.5/20

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

Right Out: 3197.747+/-730.569 χ^2/NDF: 14.0/22

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

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

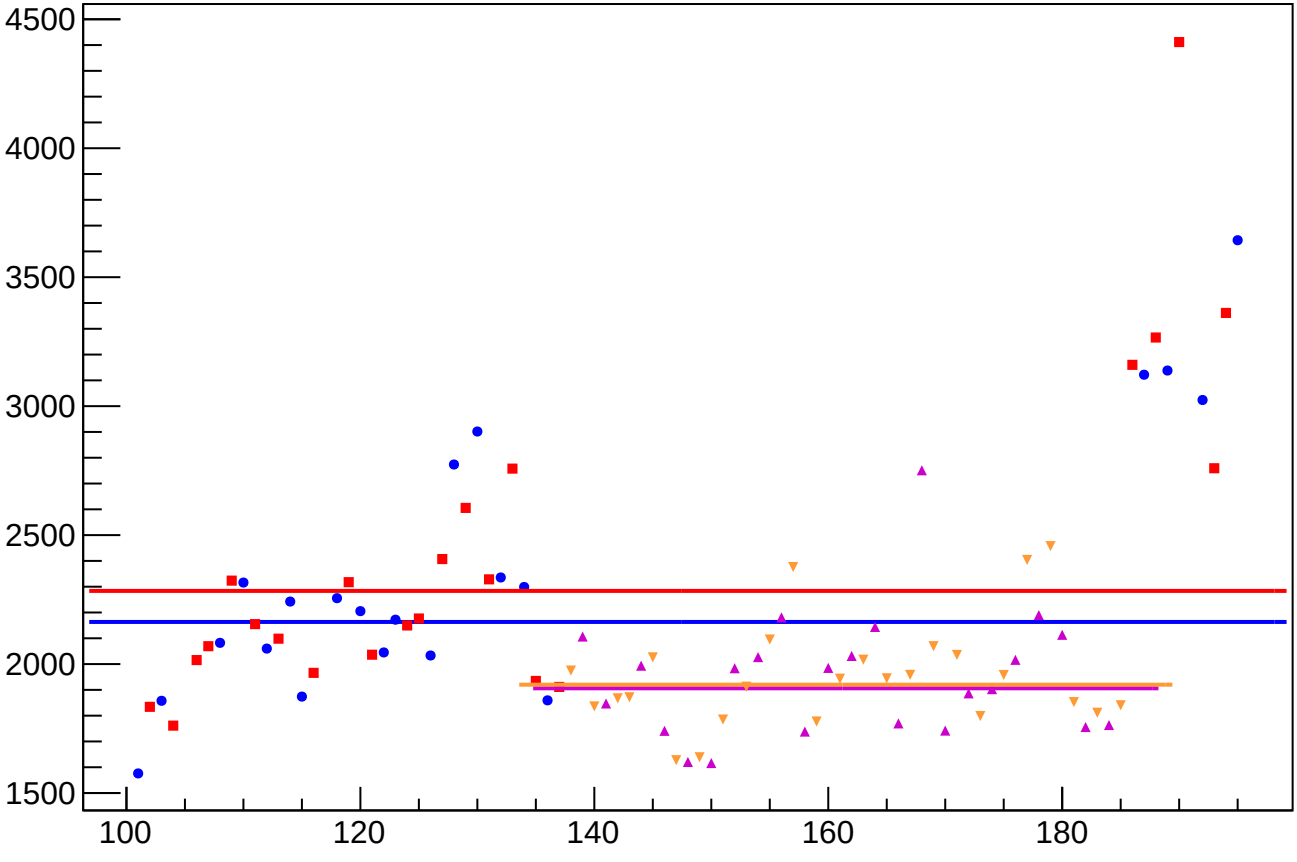
Right: 3205.699+/-525.831 χ^2/NDF: 33.5/43

In: 2573.587+/-391.575 χ^2/NDF:45.6/43

Out: 1951.367+/-383.979 χ^2/NDF:38.9/47

All: 2256.383+/-274.160 χ^2/NDF: 85.8/91

asym_usr_rms vs Slug, Sign Corrected



Right In: 2163.359+/-0.536 χ^2/NDF: 838646.3/20

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

Right Out: 2283.683+/-0.517 χ^2/NDF: 887824.3/22

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

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

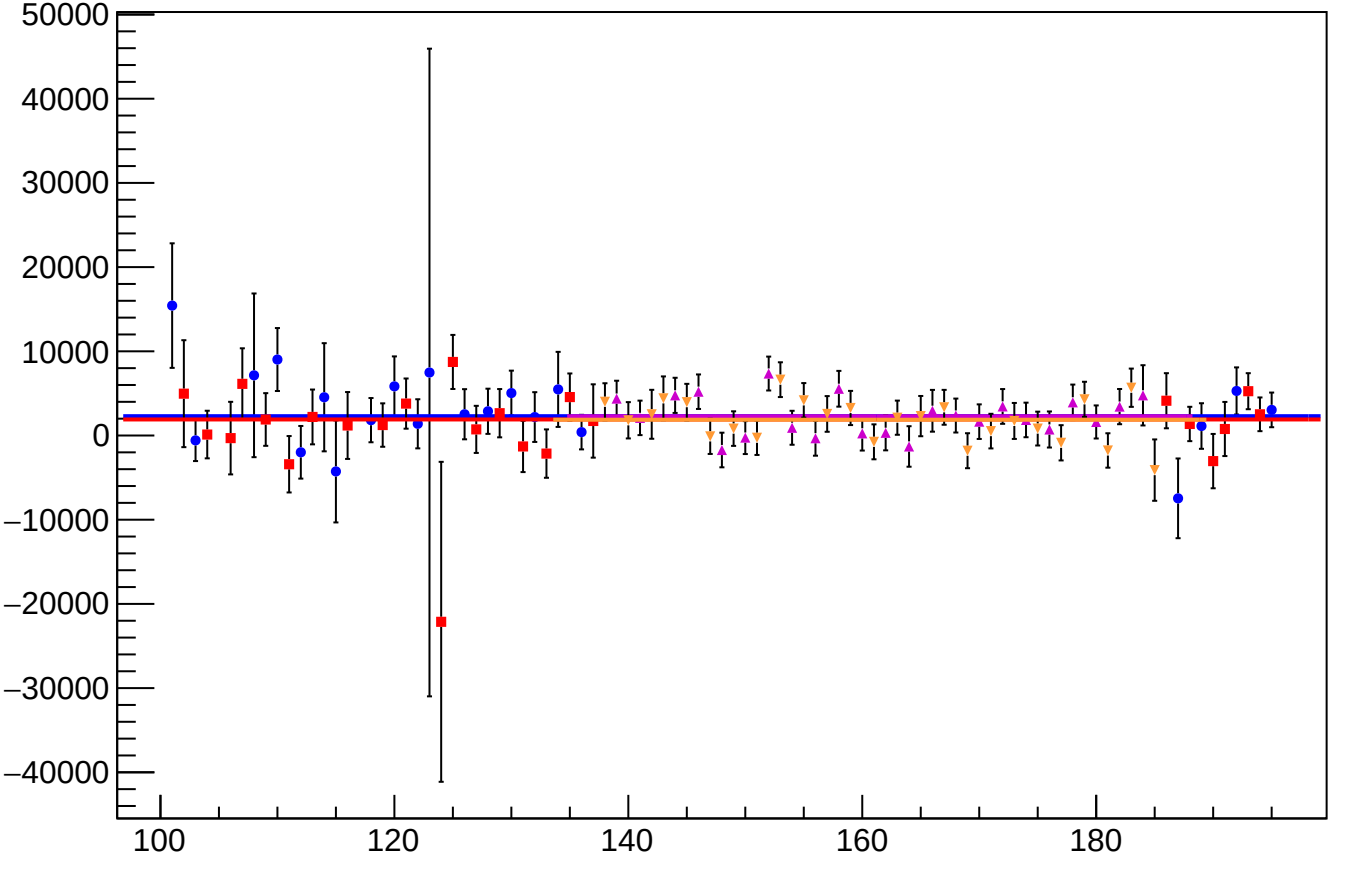
Right: 2225.692+/-0.372 χ^2/NDF: 1752617.2/43

In: 1974.815+/-0.277 χ^2/NDF:1458832.0/43

Out: 2020.524+/-0.272 χ^2/NDF:1612293.5/47

All: 1998.117+/-0.194 χ^2/NDF: 3085019.1/91

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2295.838+/-689.783 χ^2/NDF: 20.5/20

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

Right Out: 1905.056+/-617.241 χ^2/NDF: 20.9/23

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

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

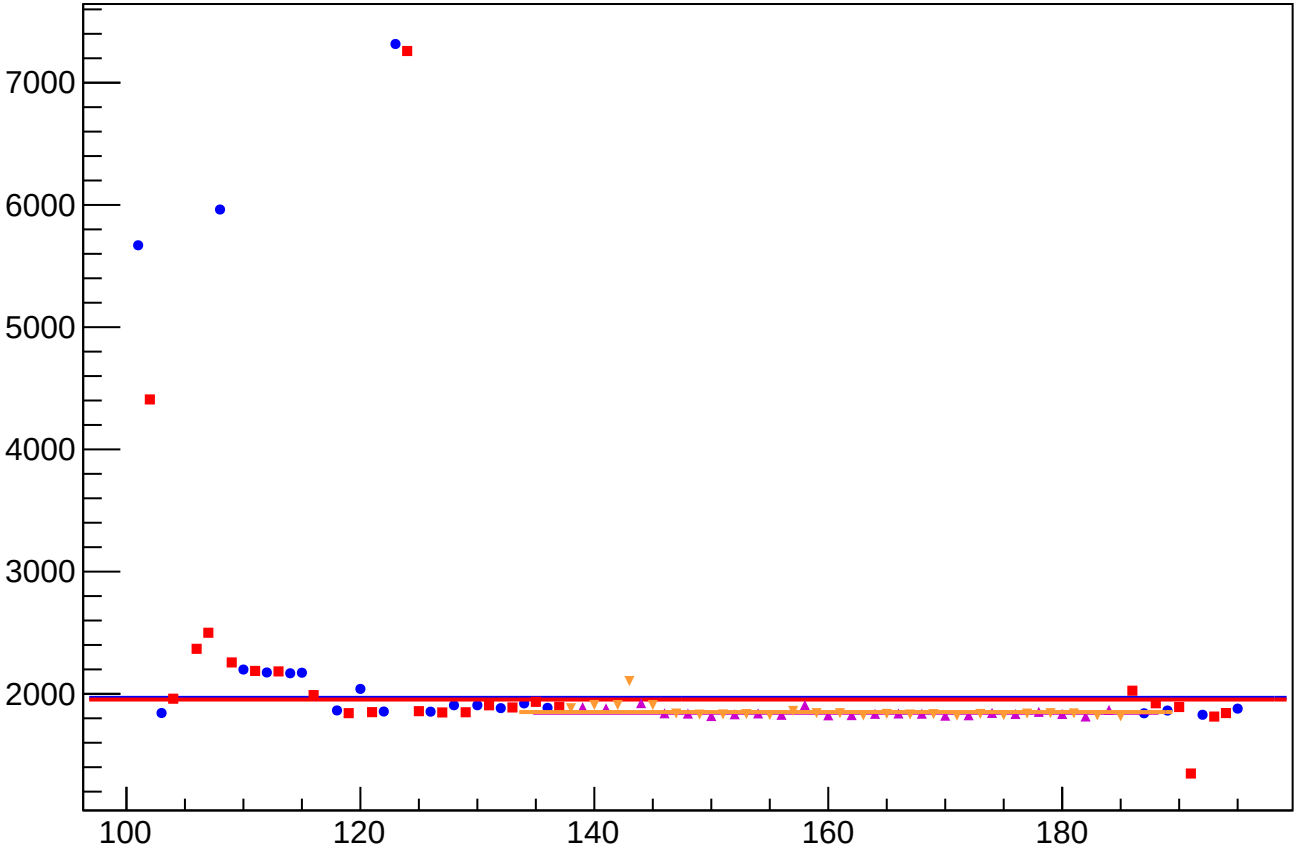
Right: 2078.825+/-459.971 χ^2/NDF: 41.5/44

In: 2289.045+/-371.558 χ^2/NDF:47.9/43

Out: 1885.115+/-354.610 χ^2/NDF:50.9/48

All: 2077.658+/-256.529 χ^2/NDF: 99.3/92

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1967.169+/-0.488 χ^2/NDF: 933254.6/20

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

Right Out: 1953.497+/-0.436 χ^2/NDF: 648720.6/23

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

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

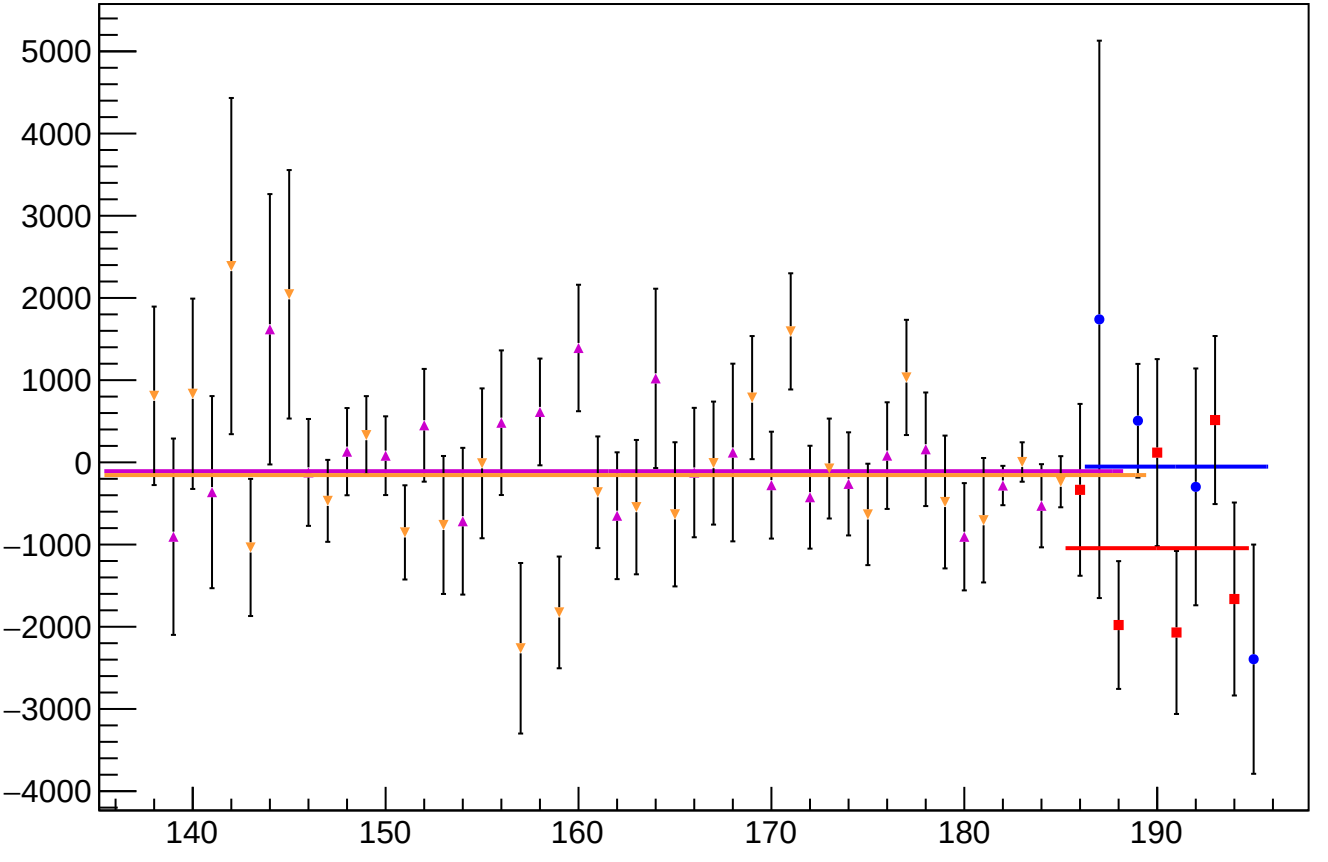
Right: 1959.576+/-0.325 χ^2/NDF: 1582411.6/44

In: 1880.739+/-0.263 χ^2/NDF:985808.4/43

Out: 1884.874+/-0.251 χ^2/NDF:711871.4/48

All: 1882.903+/-0.181 χ^2/NDF: 1697809.4/92

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -51.910+/-561.208 χ^2/NDF: 3.8/3

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

Right Out: -1044.065+/-406.782 χ^2/NDF: 6.6/5

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

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

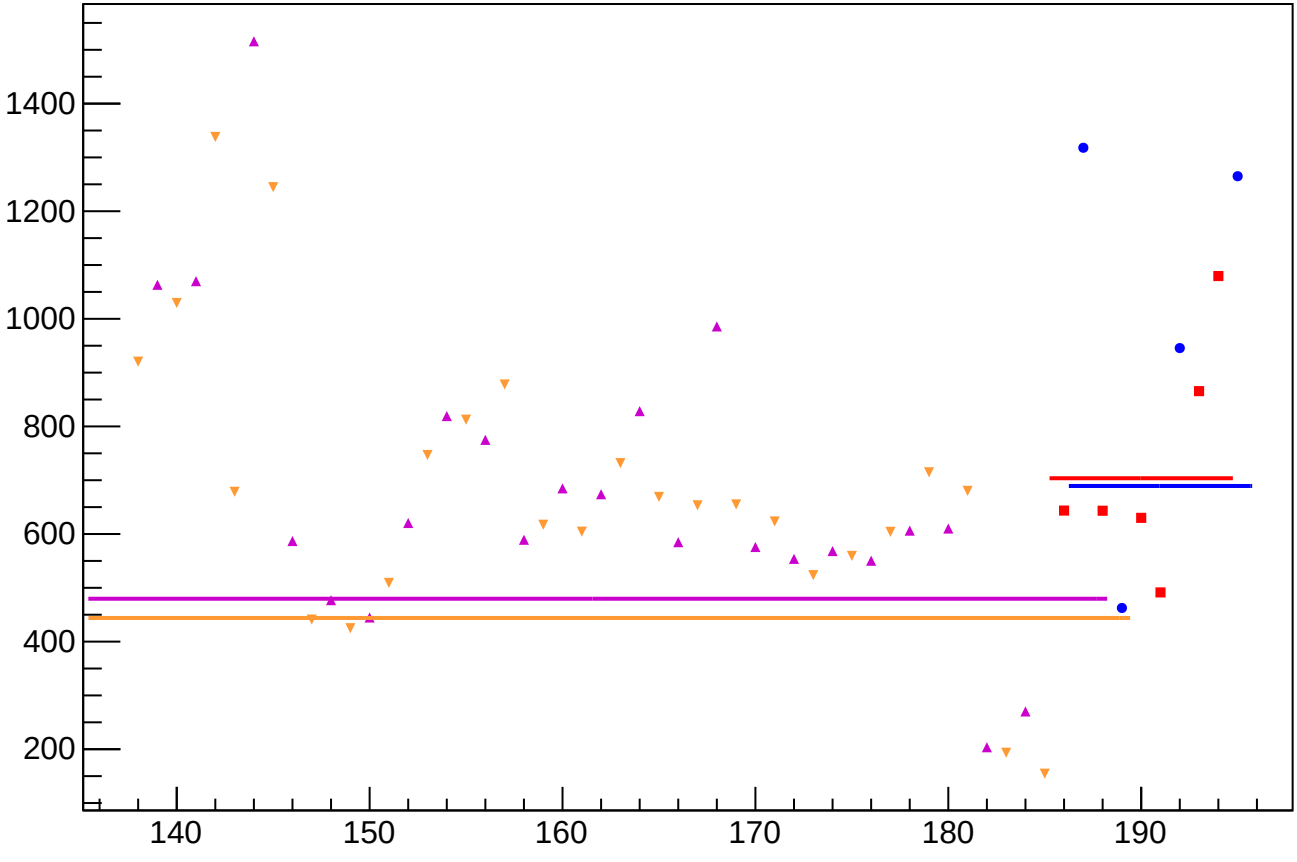
Right: -702.340+/-329.361 χ^2/NDF: 12.5/9

In: -104.661+/-124.406 χ^2/NDF:17.3/26

Out: -225.656+/-114.791 χ^2/NDF:44.0/30

All: -170.015+/-84.364 χ^2/NDF: 61.8/57

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 689.304+/-0.397 χ^2/NDF: 688260.5/3

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

Right Out: 703.674+/-0.288 χ^2/NDF: 373898.4/5

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

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

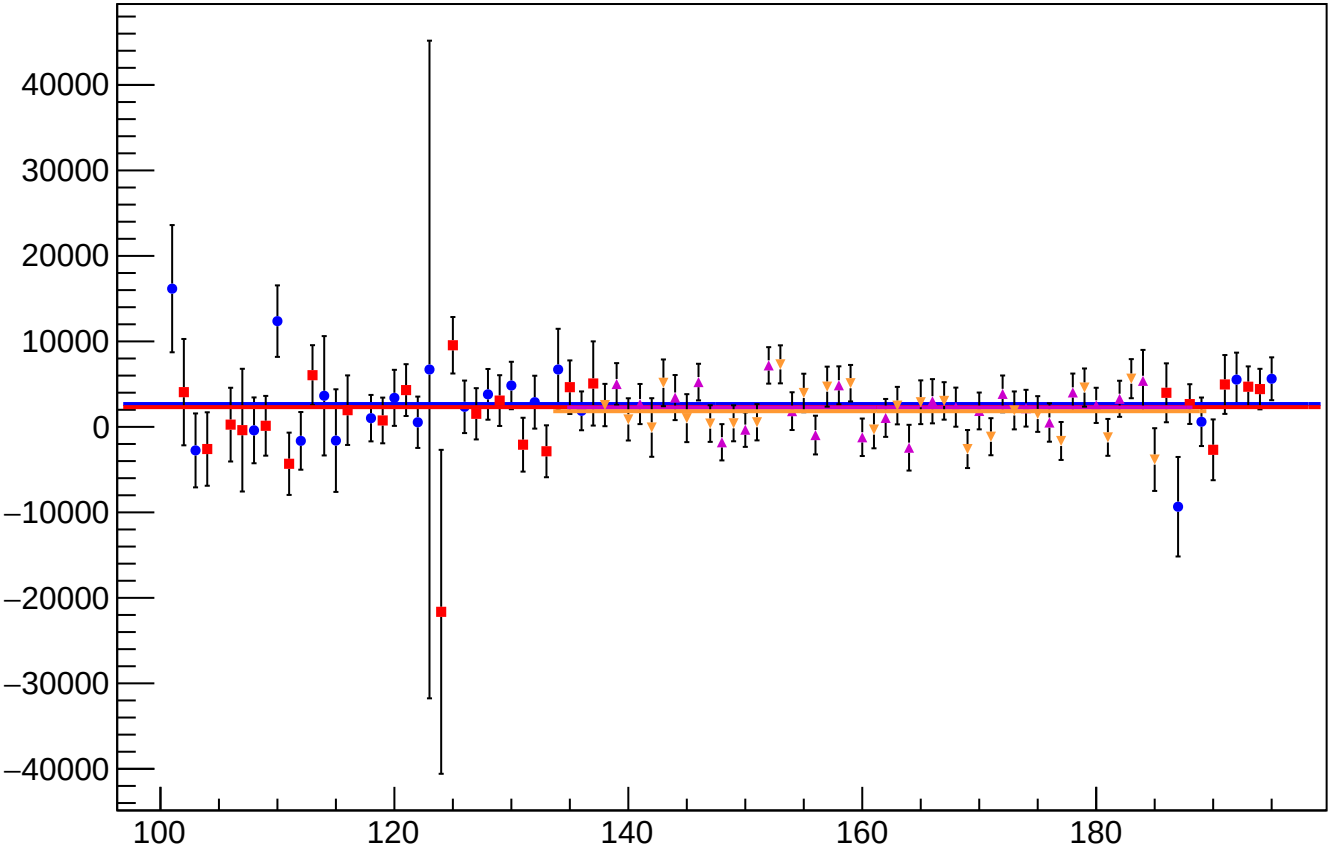
Right: 698.725+/-0.233 χ^2/NDF: 1063018.6/9

In: 490.021+/-0.088 χ^2/NDF:7688077.5/26

Out: 464.643+/-0.081 χ^2/NDF:9697364.7/30

All: 476.314+/-0.060 χ^2/NDF: 17430396.9/57

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2672.919+/-750.039 χ^2/NDF: 22.6/20

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

Right Out: 2310.923+/-680.473 χ^2/NDF: 24.2/23

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

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

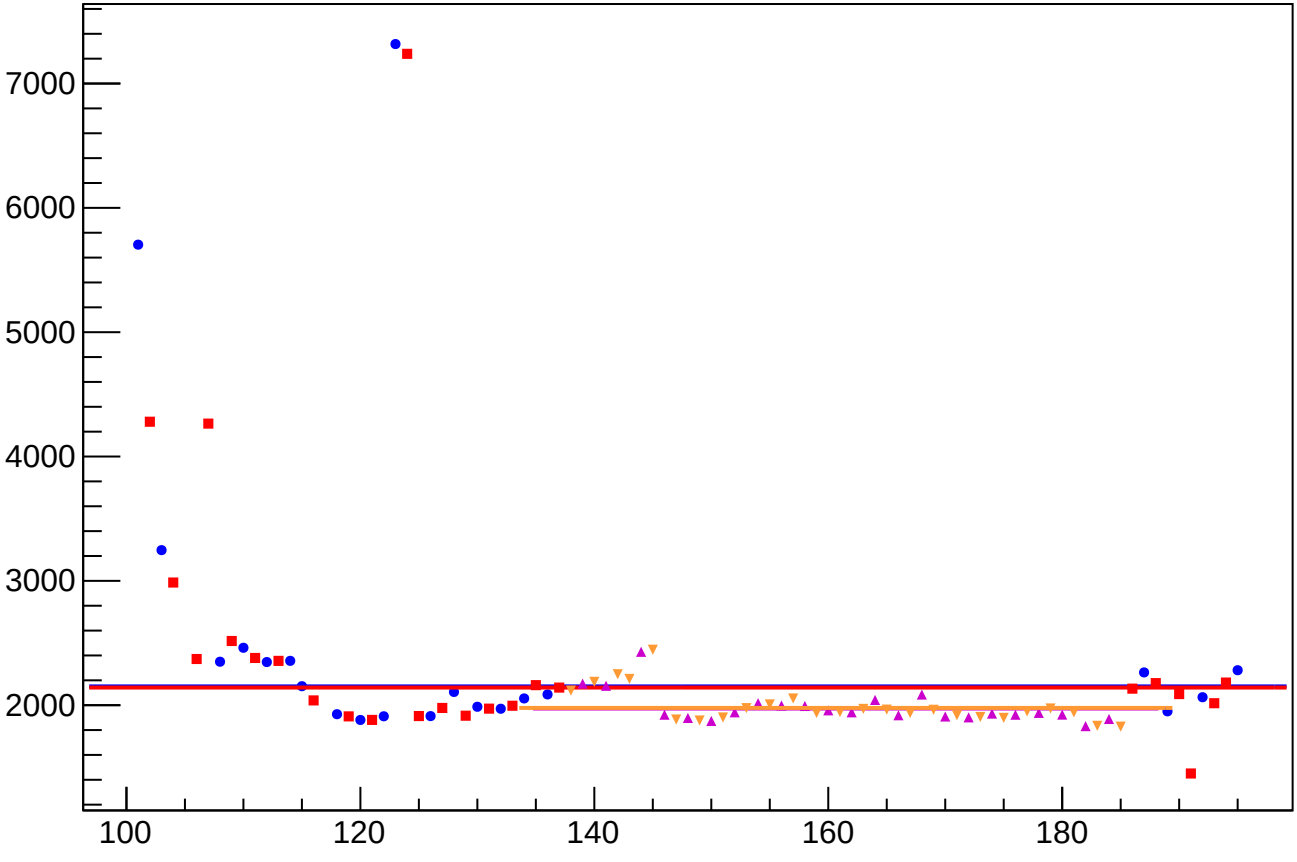
Right: 2474.359+/-503.971 χ^2/NDF: 46.9/44

In: 2377.379+/-399.677 χ^2/NDF:49.1/43

Out: 1985.761+/-383.233 χ^2/NDF:57.3/48

All: 2173.348+/-276.617 χ^2/NDF: 107.0/92

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2151.131+/-0.530 χ^2/NDF: 731629.9/20

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

Right Out: 2141.892+/-0.481 χ^2/NDF: 834652.3/23

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

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

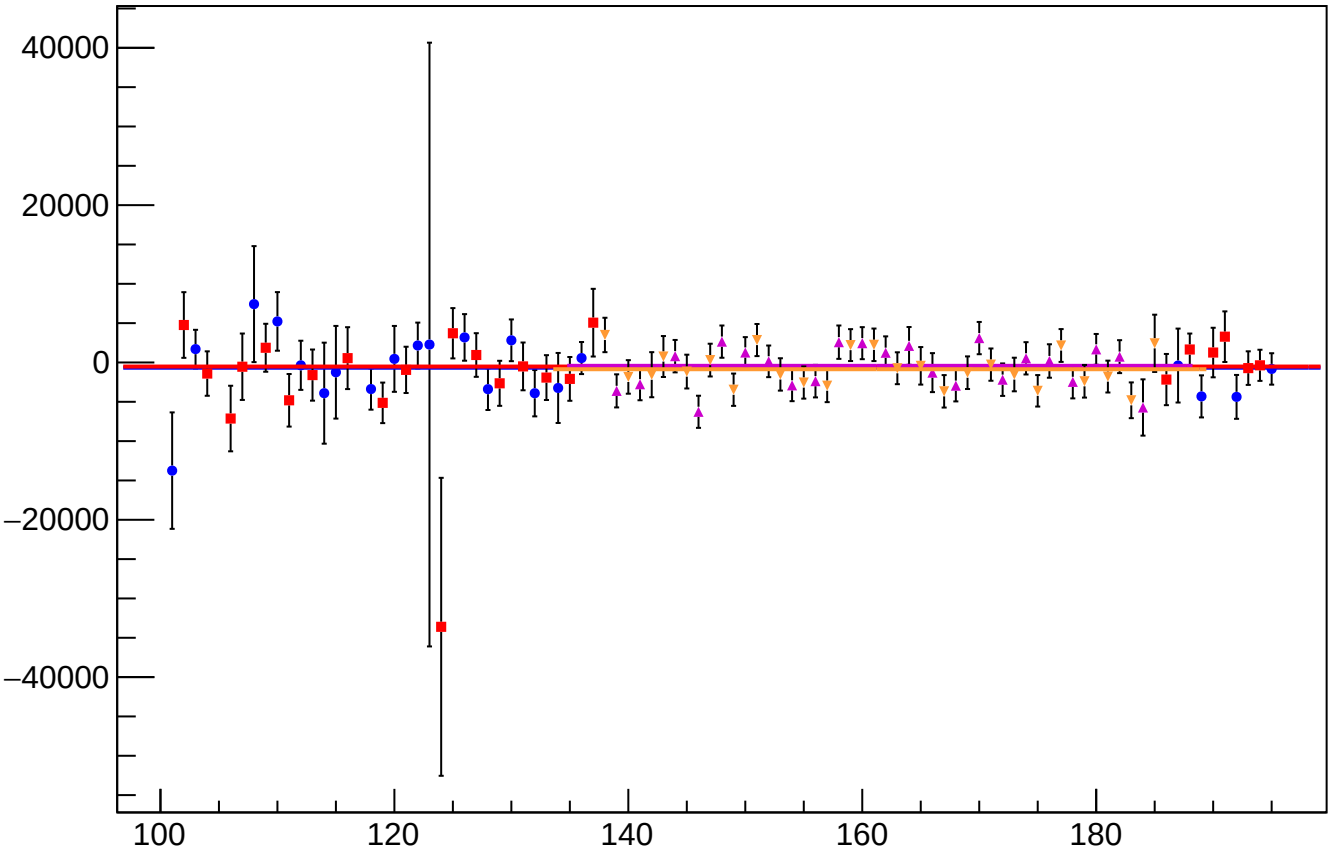
Right: 2146.063+/-0.356 χ^2/NDF: 1566448.6/44

In: 2023.736+/-0.283 χ^2/NDF:932688.6/43

Out: 2030.014+/-0.271 χ^2/NDF:1051527.9/48

All: 2027.007+/-0.196 χ^2/NDF: 1984473.5/92

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -668.159+/-686.590 χ^2/NDF: 20.1/20

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

Right Out: -518.707+/-608.992 χ^2/NDF: 20.9/23

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

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

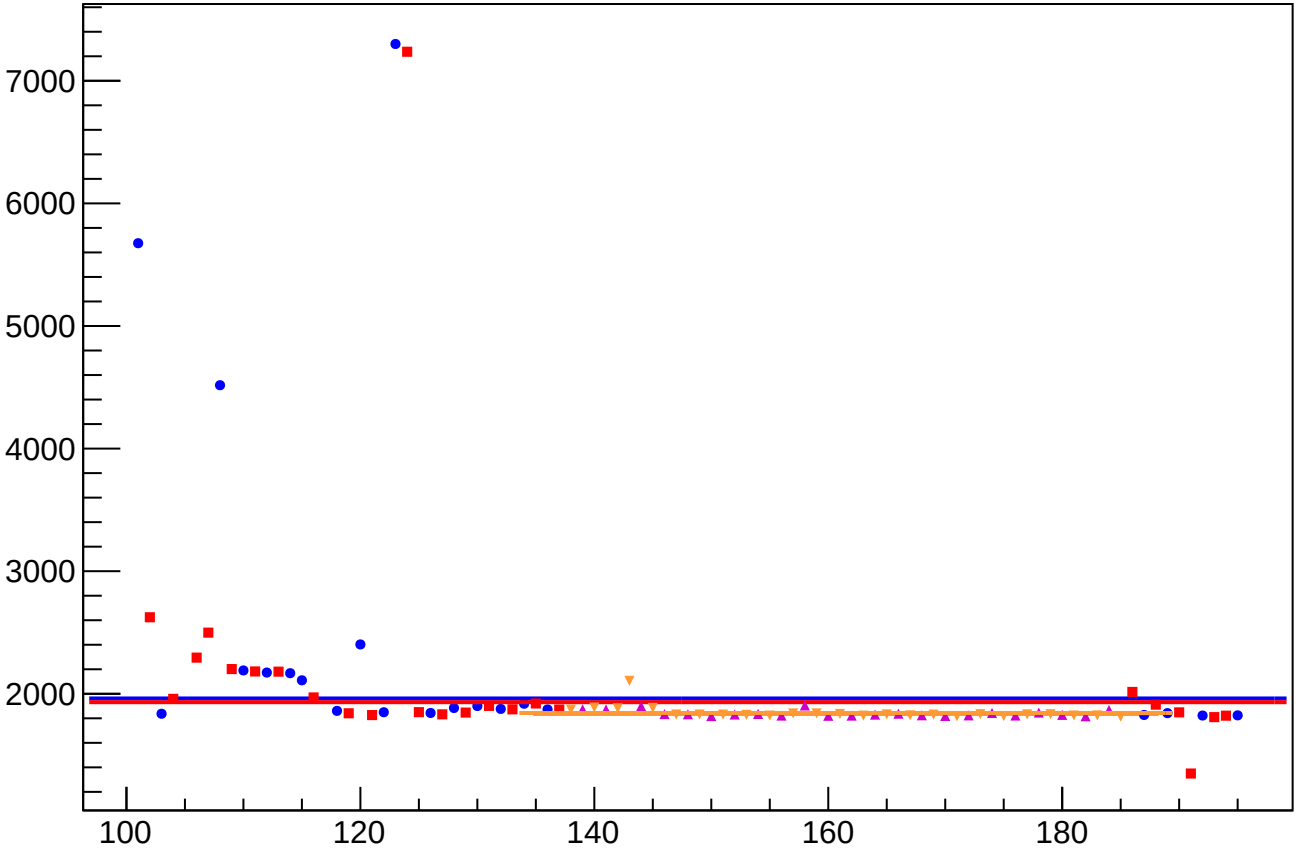
Right: -584.514+/-455.598 χ^2/NDF: 41.1/44

In: -497.592+/-370.195 χ^2/NDF:53.9/43

Out: -745.032+/-352.060 χ^2/NDF:48.0/48

All: -627.521+/-255.114 χ^2/NDF: 102.1/92

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1961.921+/-0.485 χ^2/NDF: 867185.9/20

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

Right Out: 1931.492+/-0.431 χ^2/NDF: 395494.7/23

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

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

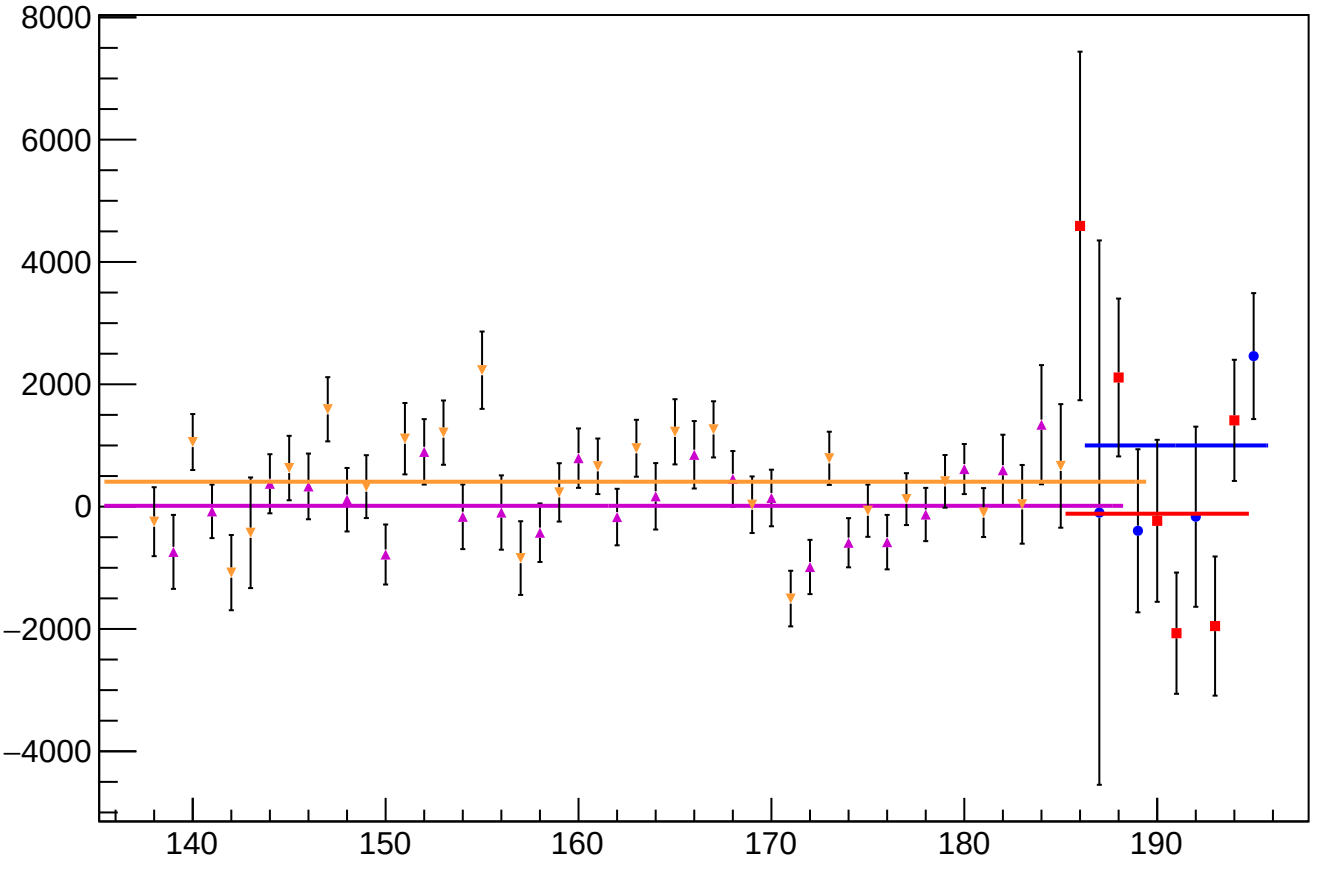
Right: 1944.890+/-0.322 χ^2/NDF: 1264879.3/44

In: 1875.041+/-0.262 χ^2/NDF:918754.3/43

Out: 1872.930+/-0.249 χ^2/NDF:448246.9/48

All: 1873.932+/-0.180 χ^2/NDF: 1367035.3/92

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 1000.167+/-704.057 χ^2/NDF: 3.8/3

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

Right Out: -115.825+/-493.618 χ^2/NDF: 14.6/5

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

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

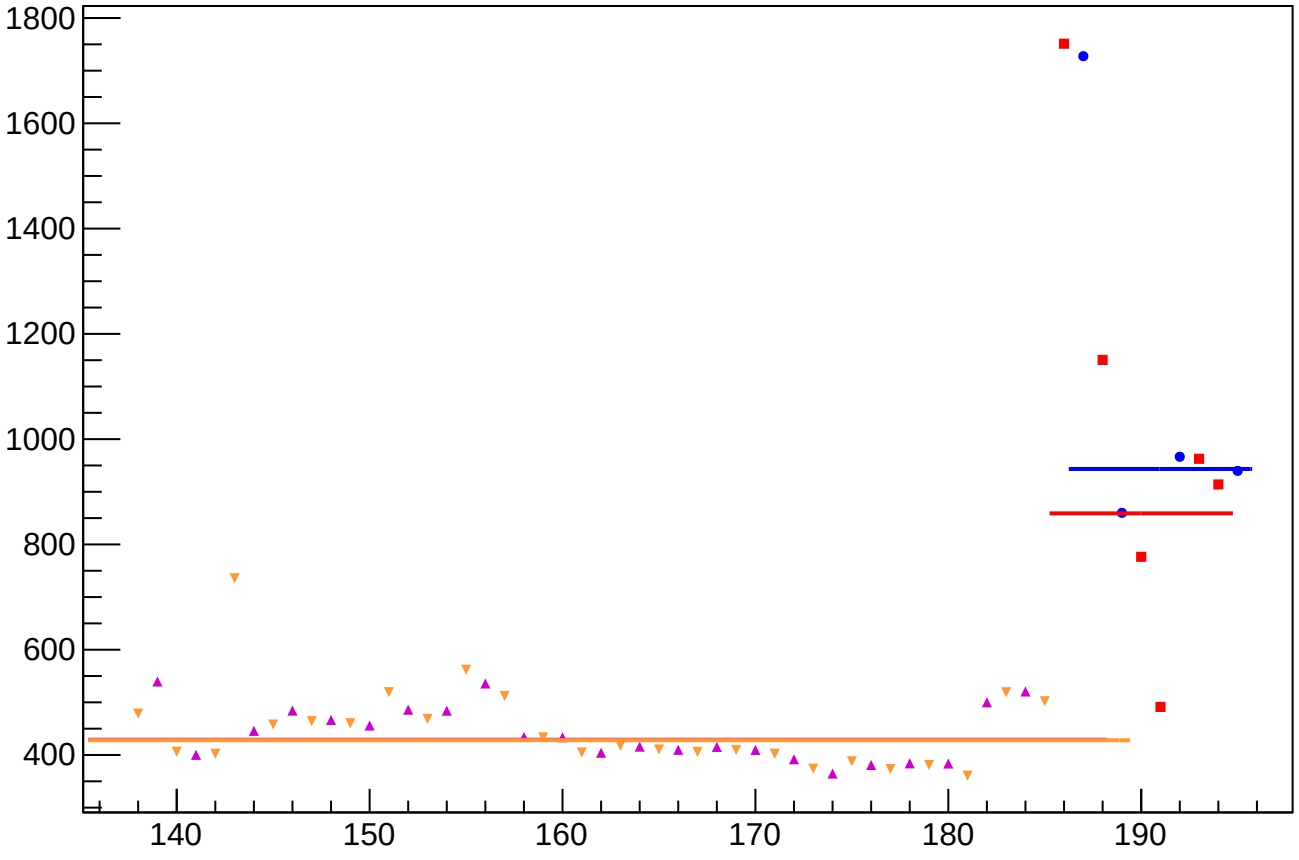
Right: 251.957+/-404.178 χ^2/NDF: 20.1/9

In: 34.037+/-101.830 χ^2/NDF:35.0/26

Out: 386.210+/-99.158 χ^2/NDF:77.8/30

All: 214.805+/-71.041 χ^2/NDF: 118.9/57

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 943.333+/-0.498 χ^2/NDF: 70447.4/3

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

Right Out: 858.997+/-0.349 χ^2/NDF: 603876.8/5

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

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

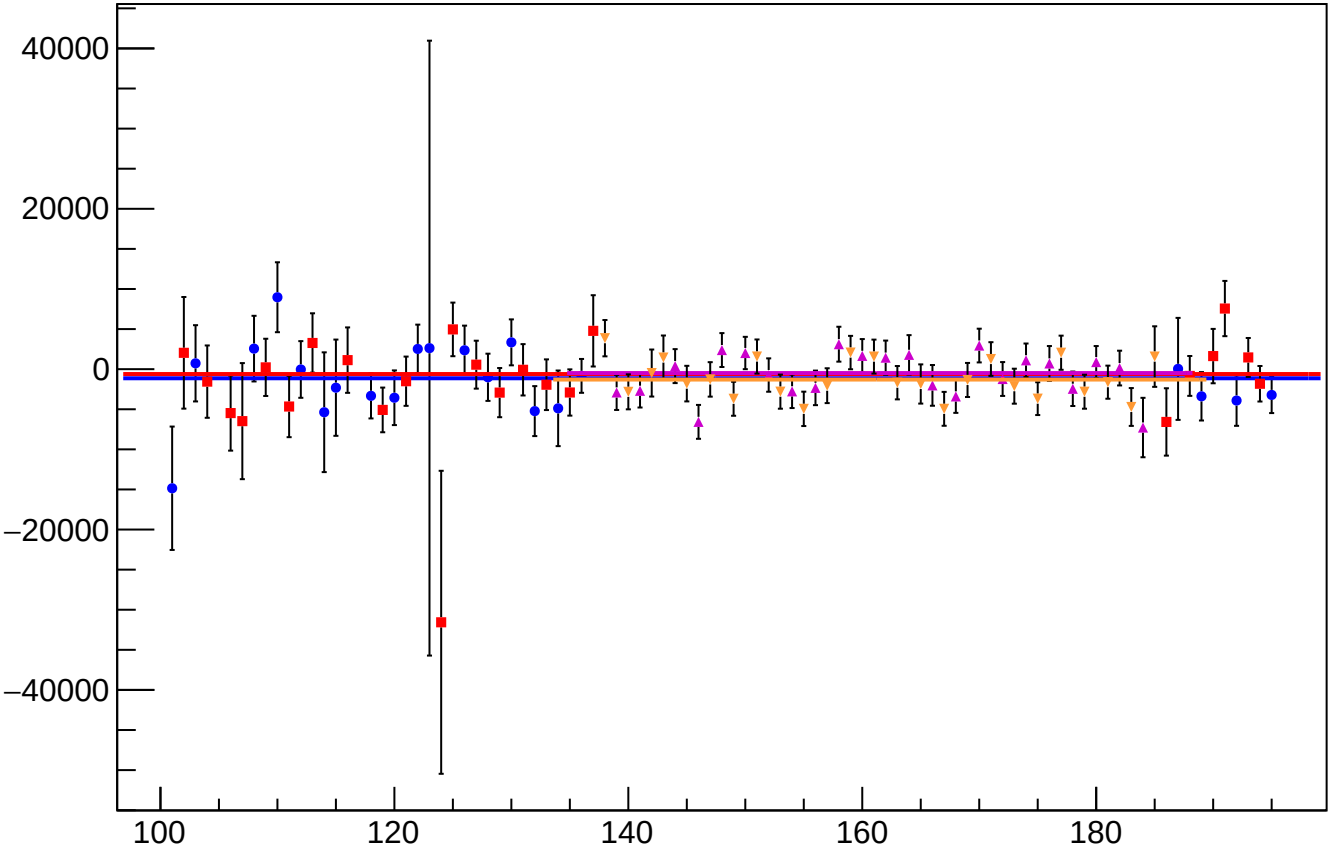
Right: 886.790+/-0.286 χ^2/NDF: 693564.1/9

In: 439.687+/-0.072 χ^2/NDF:1534514.9/26

Out: 445.442+/-0.070 χ^2/NDF:2771469.4/30

All: 442.641+/-0.050 χ^2/NDF: 4309262.7/57

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -1134.911+/-752.342 χ^2/NDF: 20.9/20

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

Right Out: -607.223+/-691.407 χ^2/NDF: 24.7/23

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

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

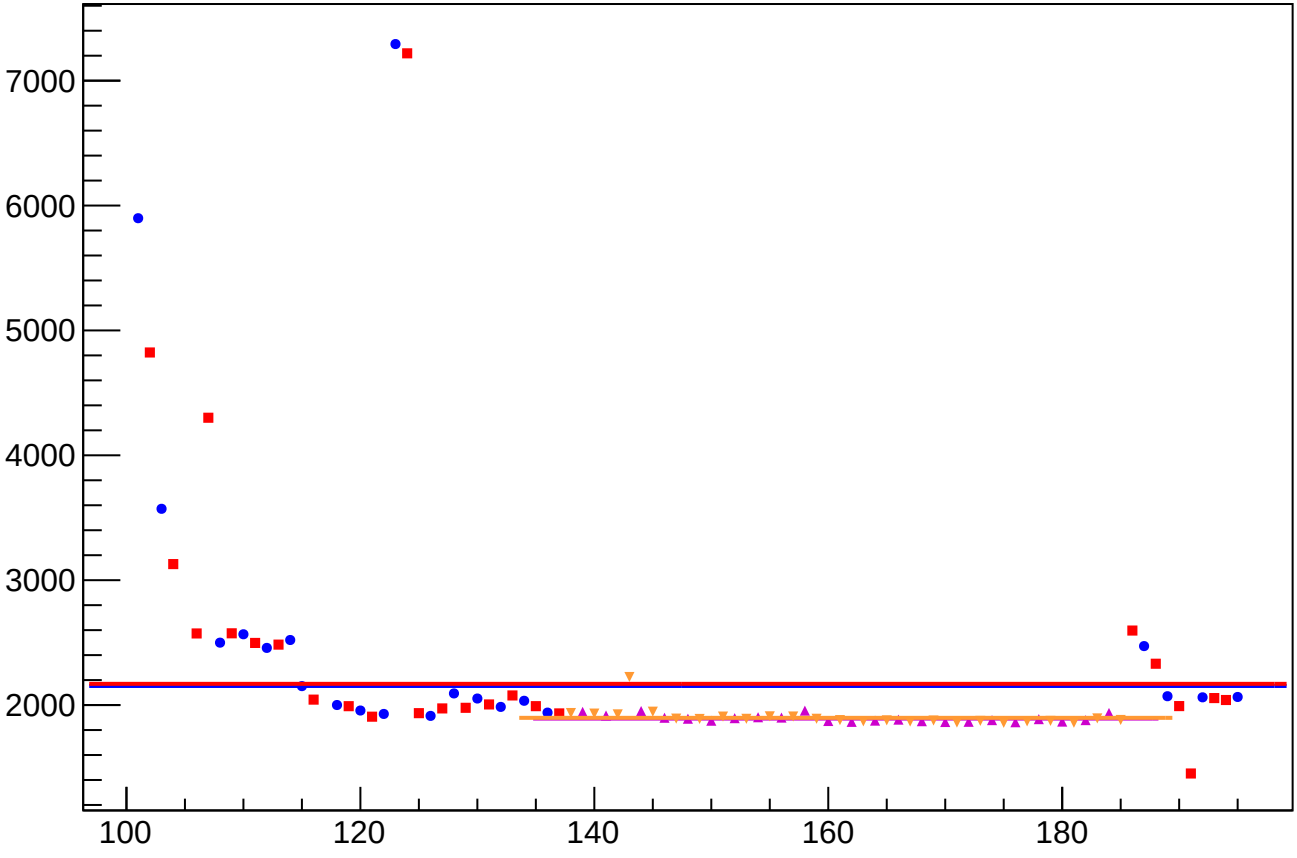
Right: -848.835+/-509.080 χ^2/NDF: 45.8/44

In: -657.987+/-387.464 χ^2/NDF:53.8/43

Out: -1093.489+/-373.690 χ^2/NDF:55.0/48

All: -883.616+/-268.977 χ^2/NDF: 109.5/92

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2152.941+/-0.532 χ^2/NDF: 817716.5/20

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

Right Out: 2169.918+/-0.489 χ^2/NDF: 971207.3/23

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

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

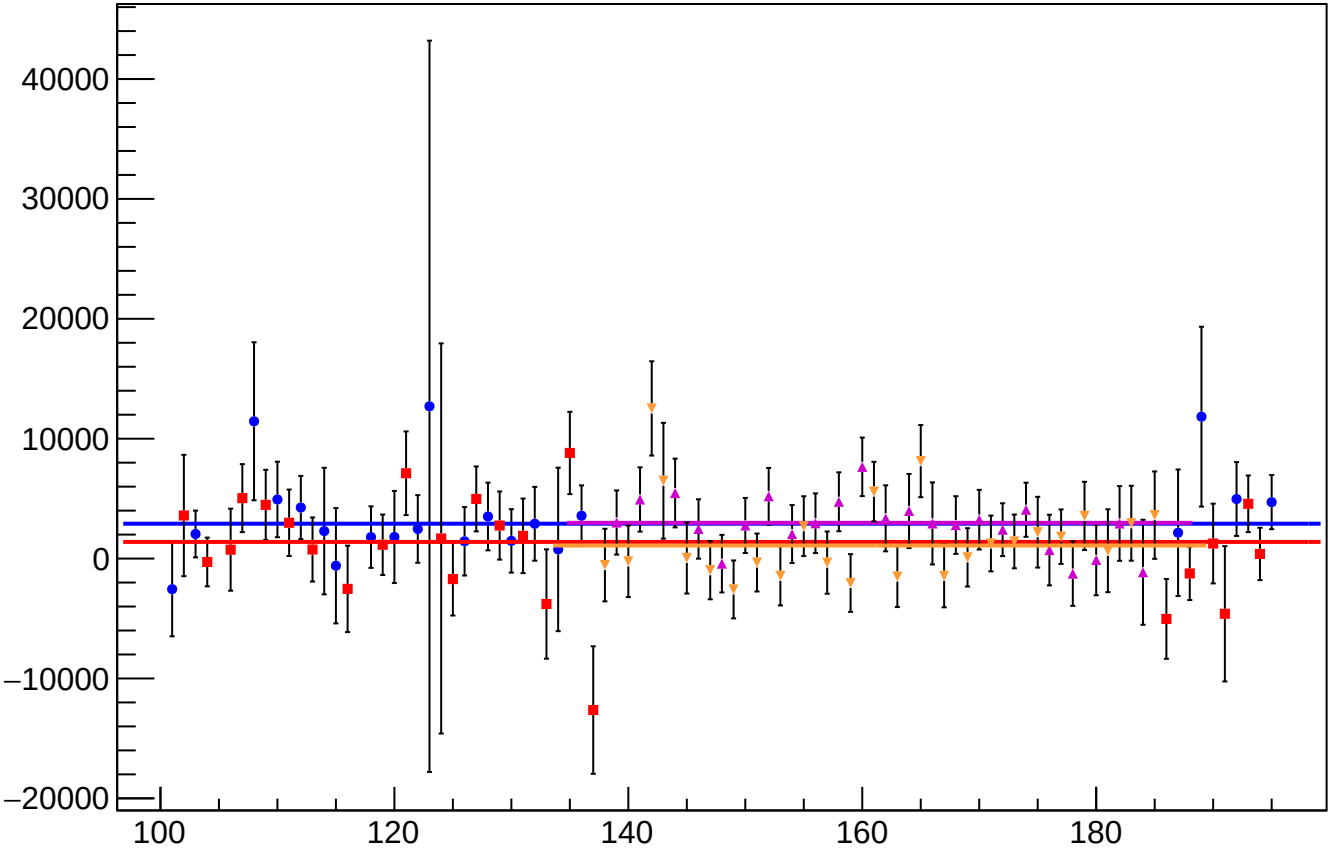
Right: 2162.145+/-0.360 χ^2/NDF: 1789476.0/44

In: 1961.007+/-0.274 χ^2/NDF:1002456.7/43

Out: 1977.198+/-0.264 χ^2/NDF:1225807.3/48

All: 1969.395+/-0.190 χ^2/NDF: 2230073.5/92

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2909.961+/-698.576 χ^2/NDF: 8.7/20

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

Right Out: 1389.261+/-615.167 χ^2/NDF: 32.2/23

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

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

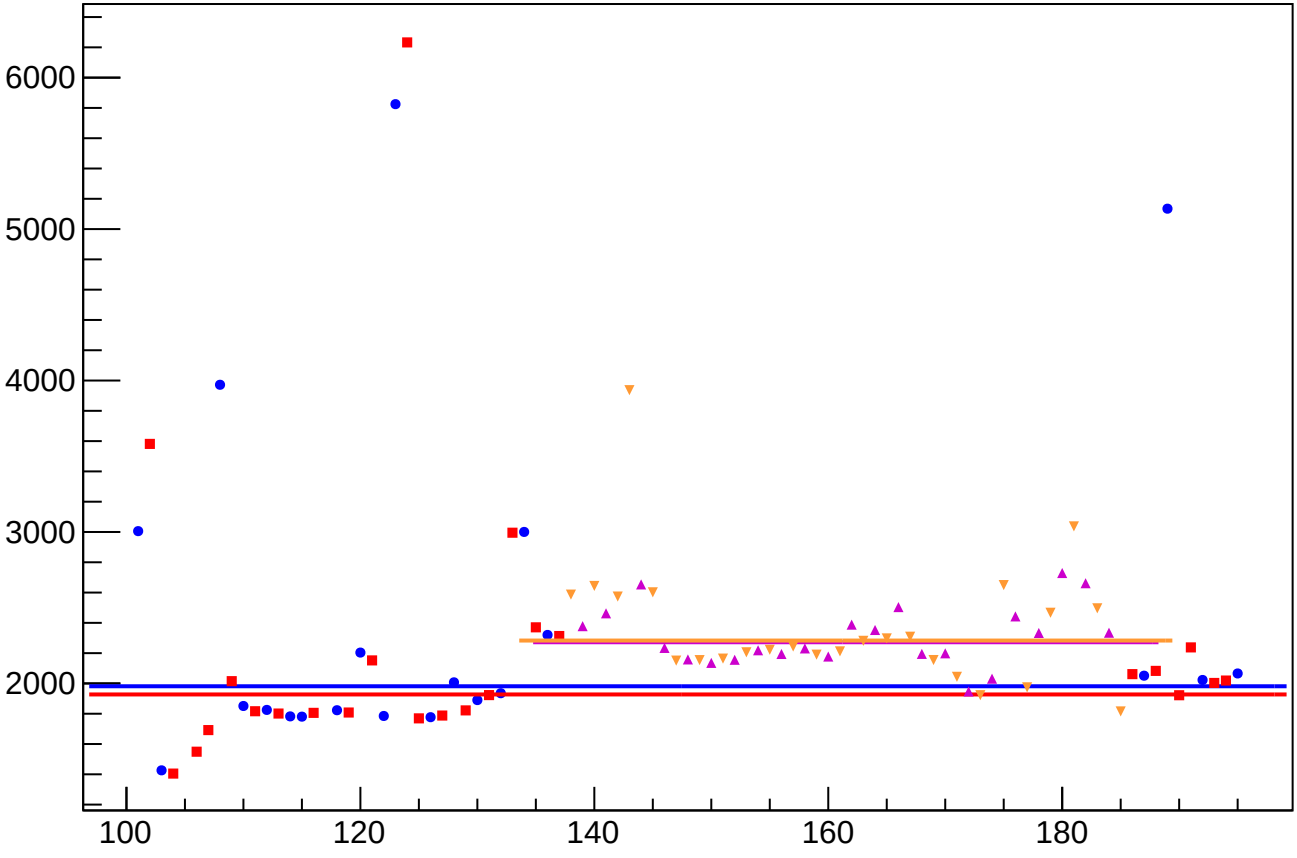
Right: 2053.450+/-461.677 χ^2/NDF: 43.6/44

In: 2954.153+/-430.243 χ^2/NDF:22.8/43

Out: 1219.324+/-406.243 χ^2/NDF:62.2/48

All: 2037.005+/-295.377 χ^2/NDF: 93.6/92

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1981.331+/-0.494 χ^2/NDF: 1003388.2/20

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

Right Out: 1927.267+/-0.435 χ^2/NDF: 740406.1/23

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

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

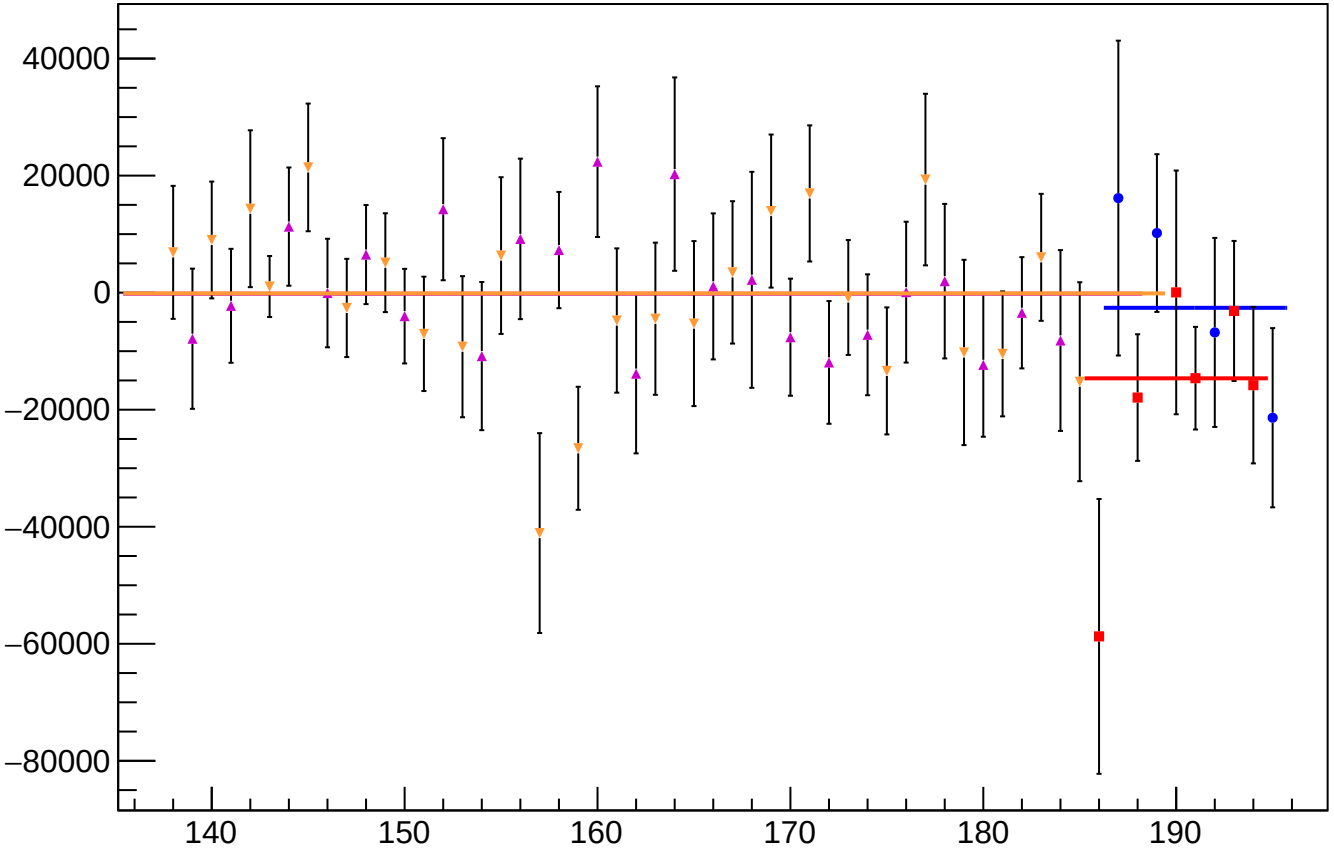
Right: 1950.877+/-0.326 χ^2/NDF: 1750542.3/44

In: 2161.711+/-0.304 χ^2/NDF:1461771.3/43

Out: 2127.958+/-0.287 χ^2/NDF:1752459.0/48

All: 2143.866+/-0.209 χ^2/NDF: 3220738.2/92

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2588.831+/-8168.044 χ^2/NDF: 3.0/3

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

Right Out: -14638.663+/-5112.742 χ^2/NDF: 5.1/5

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

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

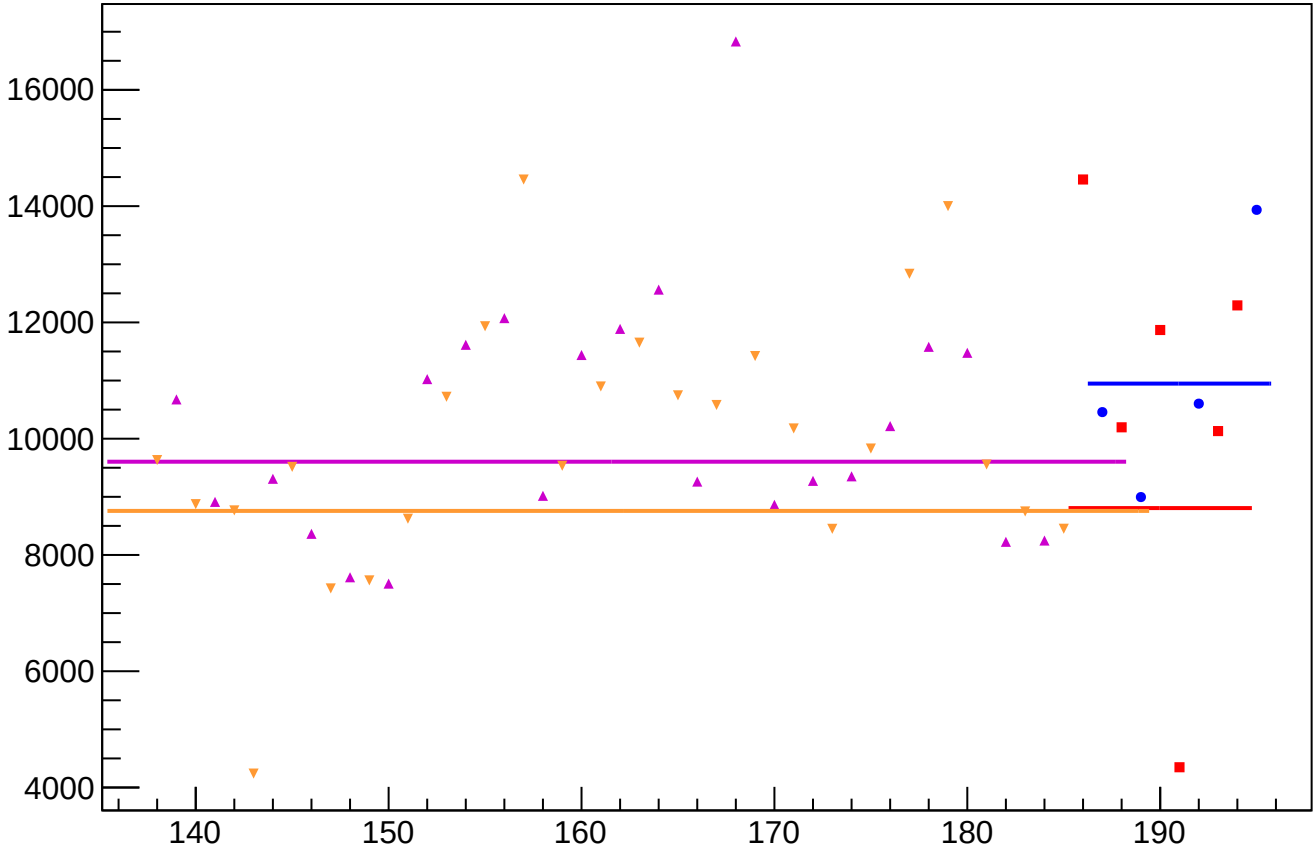
Right: -11246.522+/-4333.756 χ^2/NDF: 9.6/9

In: -365.955+/-2240.974 χ^2/NDF:18.1/26

Out: -2291.516+/-1975.604 χ^2/NDF:41.6/30

All: -1449.442+/-1481.949 χ^2/NDF: 60.1/57

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 10947.642+/-5.776 χ^2/NDF: 119760.0/3

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

Right Out: 8806.384+/-3.615 χ^2/NDF: 869589.7/5

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

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

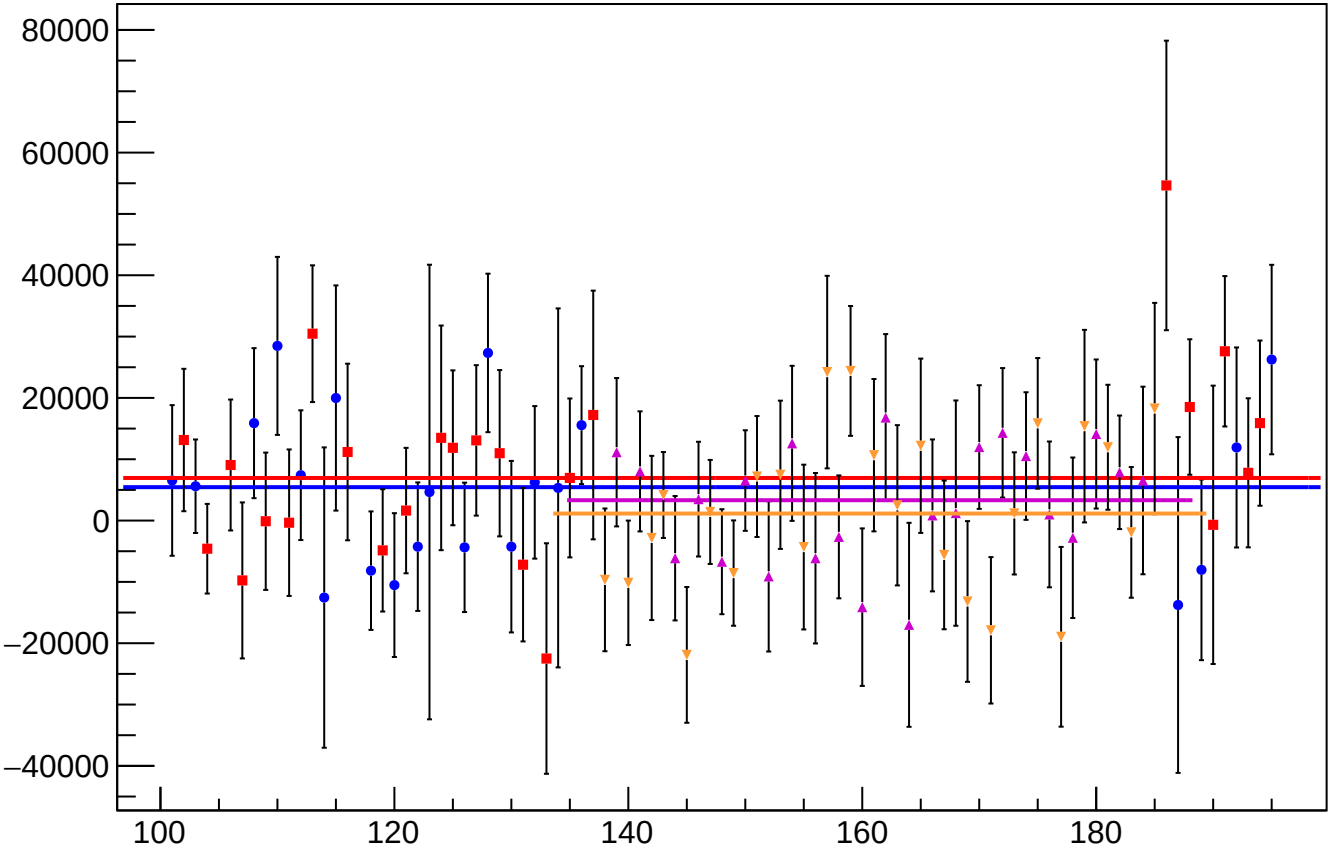
Right: 9409.168+/-3.064 χ^2/NDF: 1088103.2/9

In: 9705.165+/-1.585 χ^2/NDF:1265610.2/26

Out: 8765.070+/-1.397 χ^2/NDF:3648848.1/30

All: 9176.186+/-1.048 χ^2/NDF: 5112504.3/57

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5445.149+/-2783.134 χ^2/NDF: 17.8/20

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

Right Out: 6946.955+/-2512.634 χ^2/NDF: 24.7/23

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

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

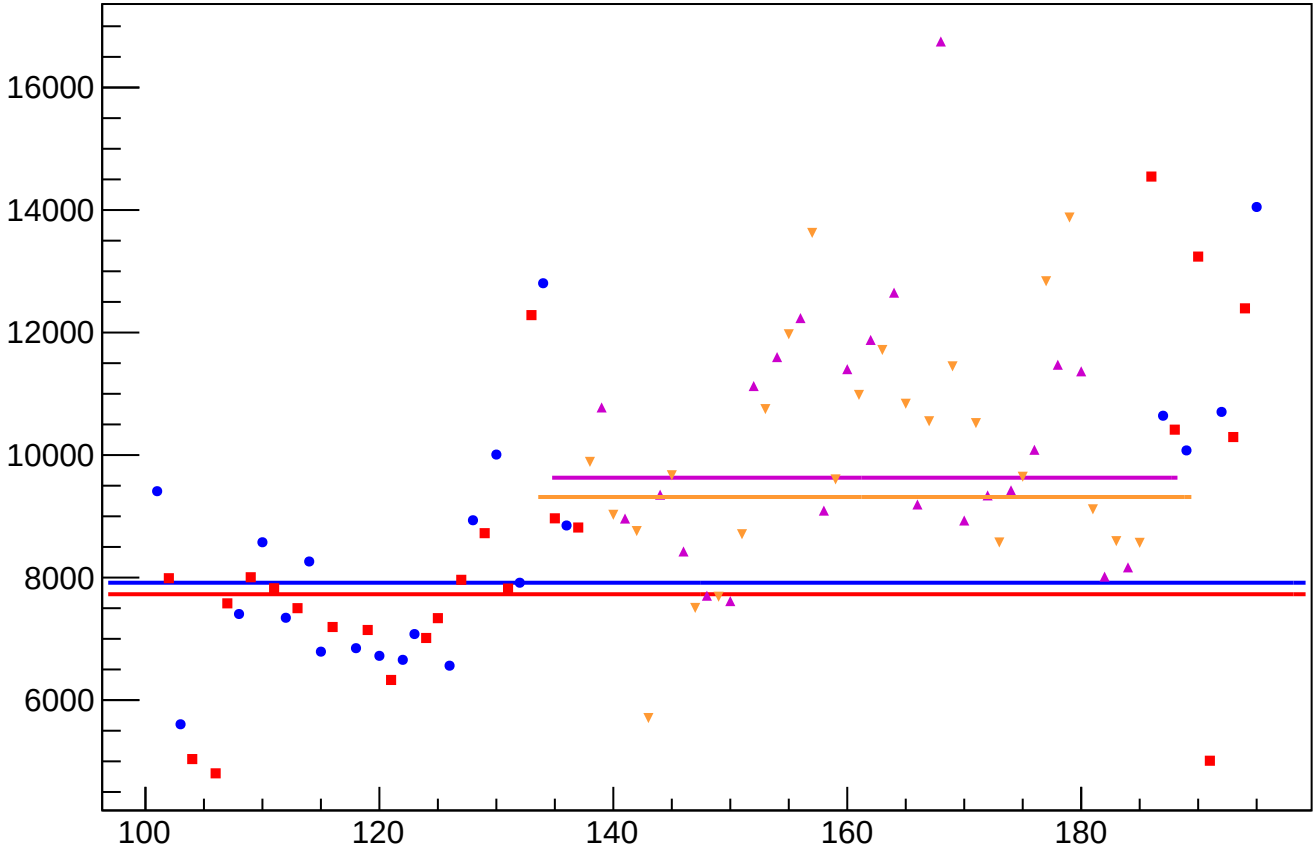
Right: 6272.563+/-1865.020 χ^2/NDF: 42.6/44

In: 4196.661+/-1789.355 χ^2/NDF:31.6/43

Out: 3704.543+/-1668.839 χ^2/NDF:55.5/48

All: 3933.473+/-1220.430 χ^2/NDF: 87.1/92

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7915.855+/-1.968 χ^2/NDF: 911474.6/20

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

Right Out: 7728.185+/-1.777 χ^2/NDF: 1461139.2/23

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

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

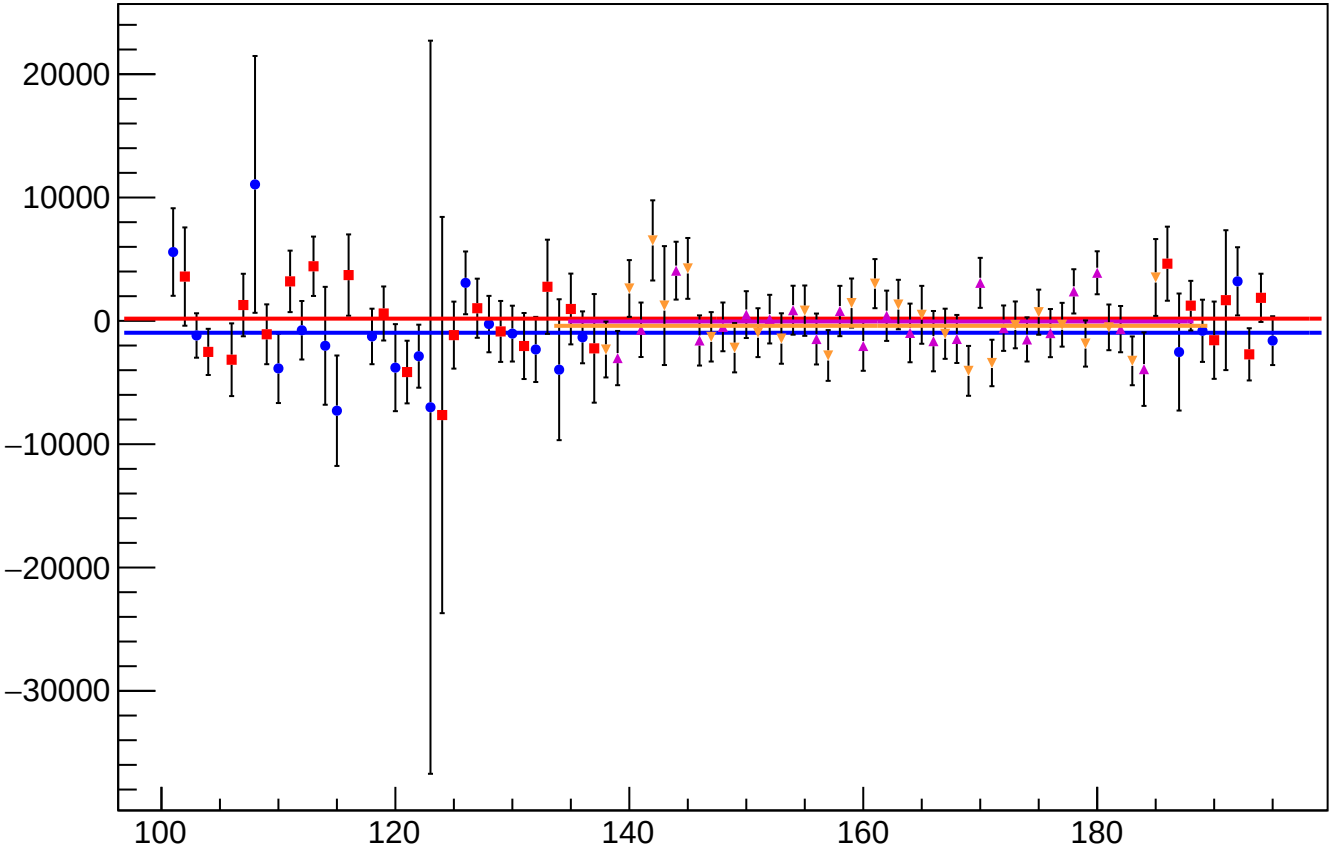
Right: 7812.451+/-1.319 χ^2/NDF: 2377624.7/44

In: 8921.631+/-1.265 χ^2/NDF:2431382.0/43

Out: 8615.141+/-1.180 χ^2/NDF:3410719.0/48

All: 8757.712+/-0.863 χ^2/NDF: 5873483.7/92

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -964.791+/-602.383 χ^2/NDF: 14.8/20

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

Right Out: 179.881+/-541.344 χ^2/NDF: 21.0/23

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

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

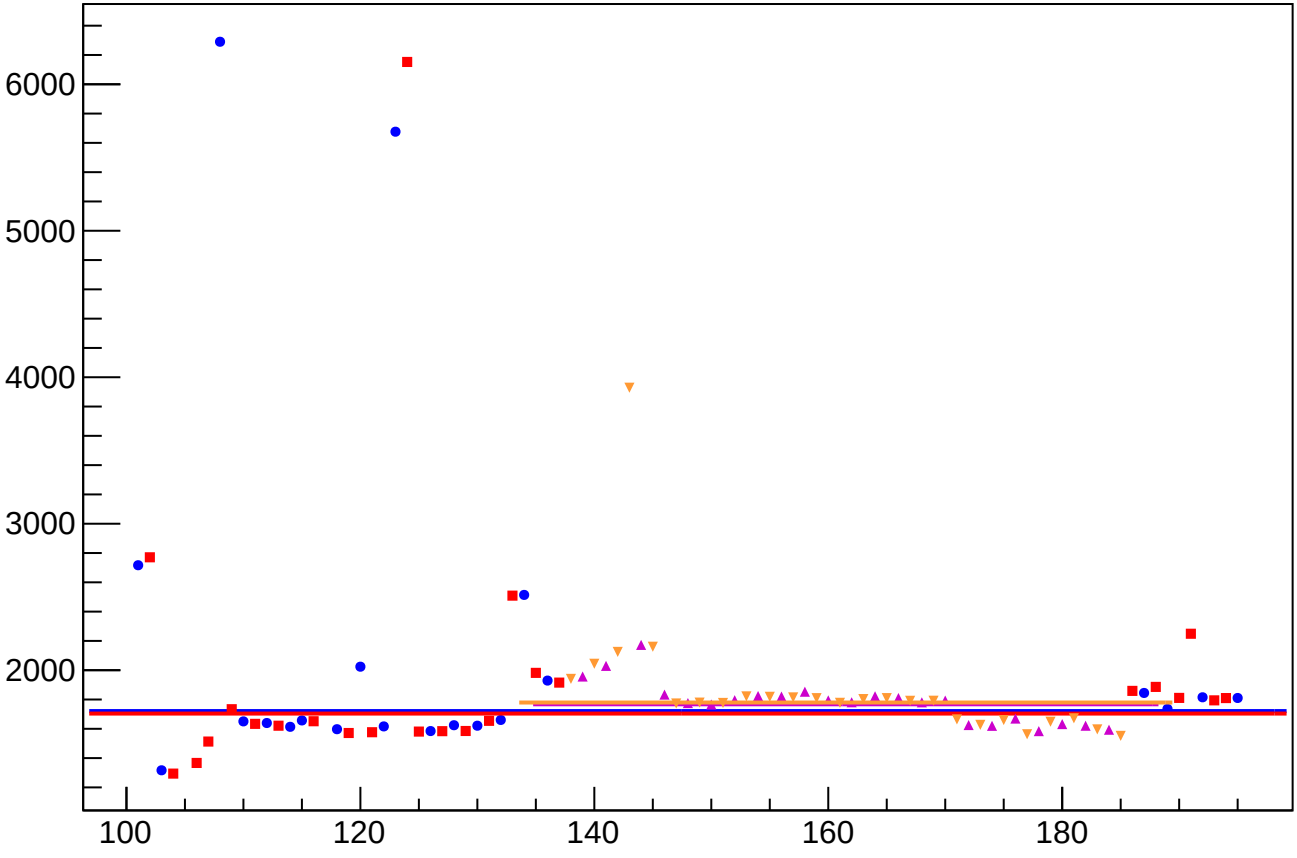
Right: -331.539+/-402.644 χ^2/NDF: 37.8/44

In: -354.072+/-345.939 χ^2/NDF:37.2/43

Out: -184.715+/-331.465 χ^2/NDF:50.7/48

All: -265.777+/-239.334 χ^2/NDF: 88.0/92

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1721.075+/-0.426 χ^2/NDF: 788235.5/20

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

Right Out: 1703.972+/-0.383 χ^2/NDF: 626038.3/23

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

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

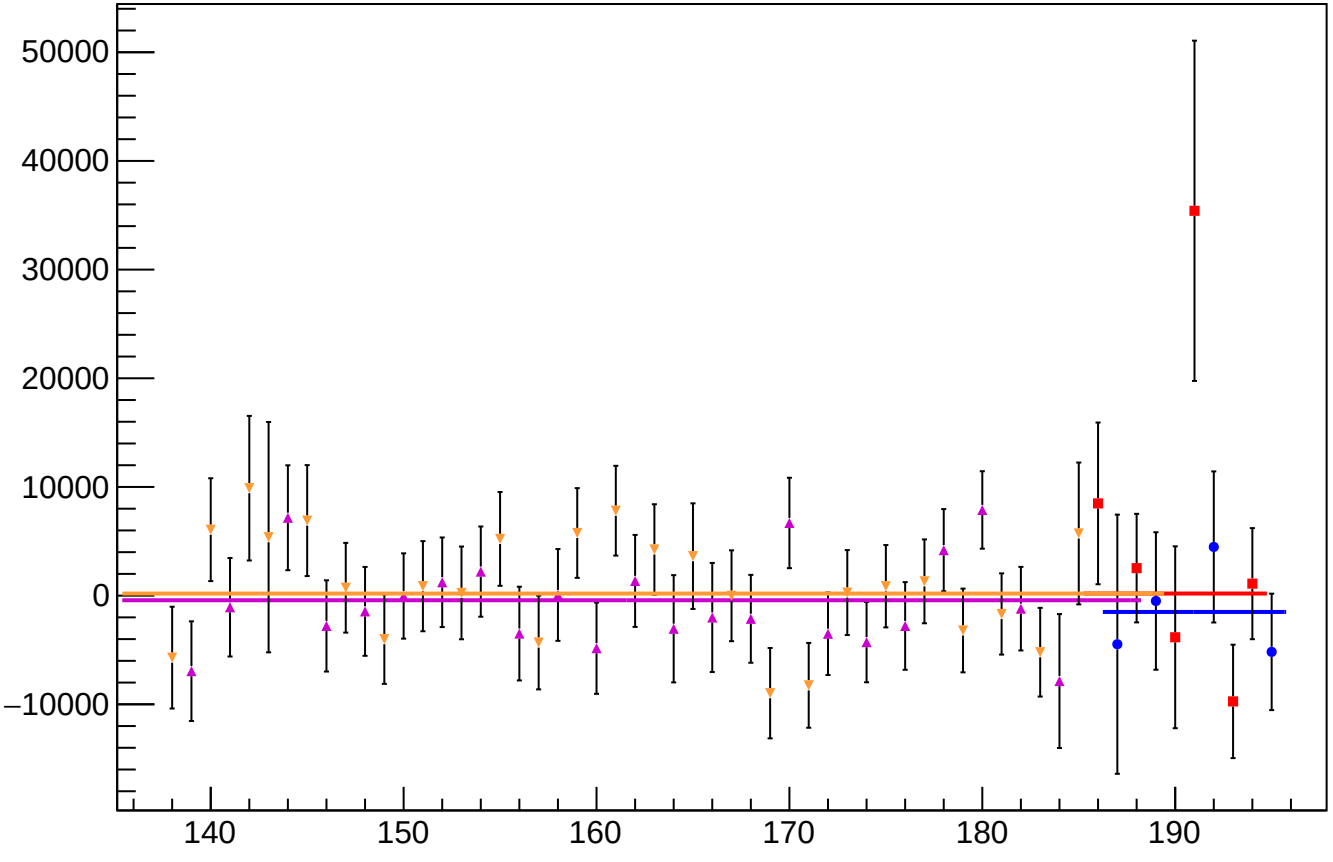
Right: 1711.613+/-0.285 χ^2/NDF: 1415165.8/44

In: 1752.064+/-0.245 χ^2/NDF:992716.8/43

Out: 1751.143+/-0.234 χ^2/NDF:1261256.5/48

All: 1751.584+/-0.169 χ^2/NDF: 2253980.7/92

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -1500.490+/-3379.392 χ^2/NDF: 1.3/3

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

Right Out: 193.957+/-2568.841 χ^2/NDF: 10.4/5

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

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

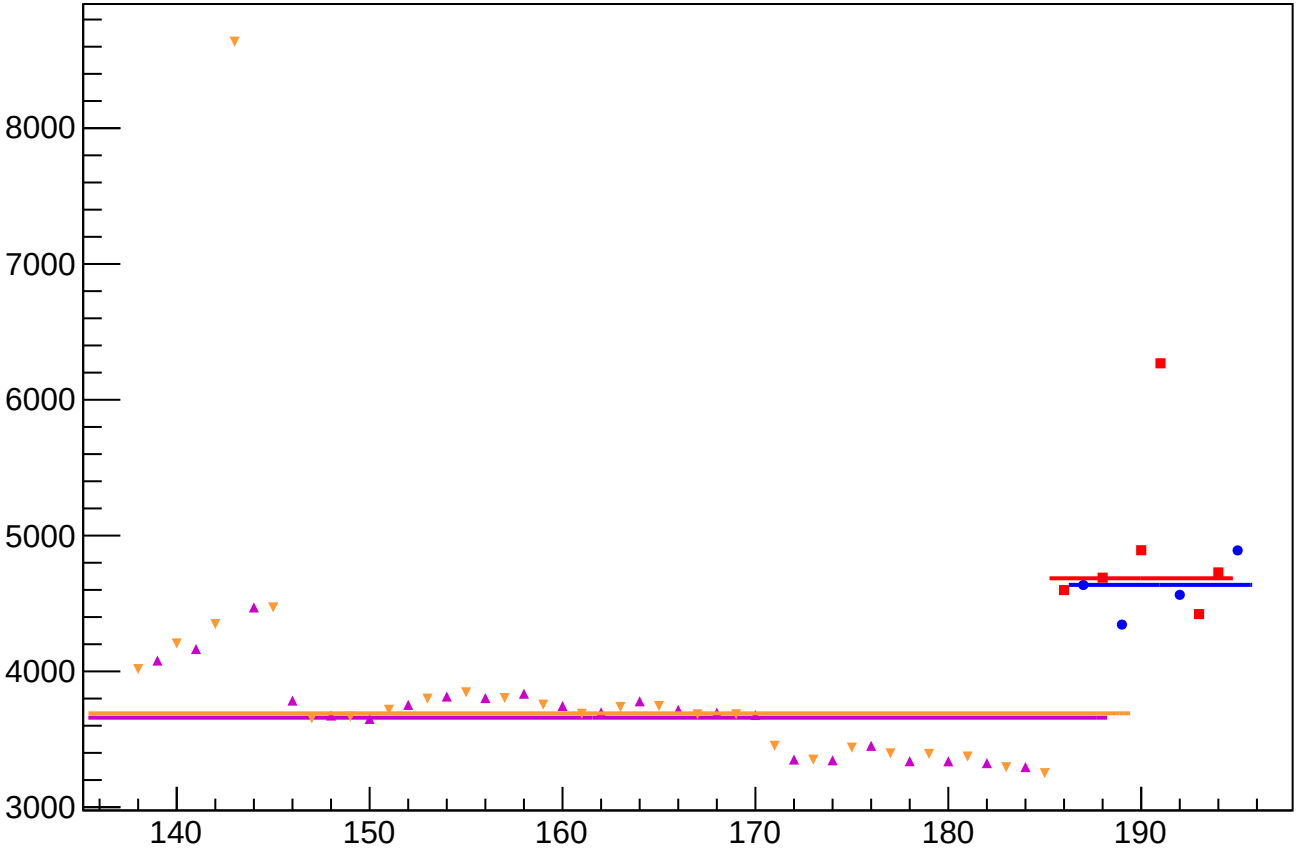
Right: -426.578+/-2045.067 χ^2/NDF: 11.9/9

In: -493.494+/-846.949 χ^2/NDF:22.7/26

Out: 191.398+/-823.950 χ^2/NDF:41.0/30

All: -141.623+/-590.584 χ^2/NDF: 64.0/57

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4637.153+/-2.390 χ^2/NDF: 8988.1/3

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

Right Out: 4685.484+/-1.816 χ^2/NDF: 27213.4/5

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

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

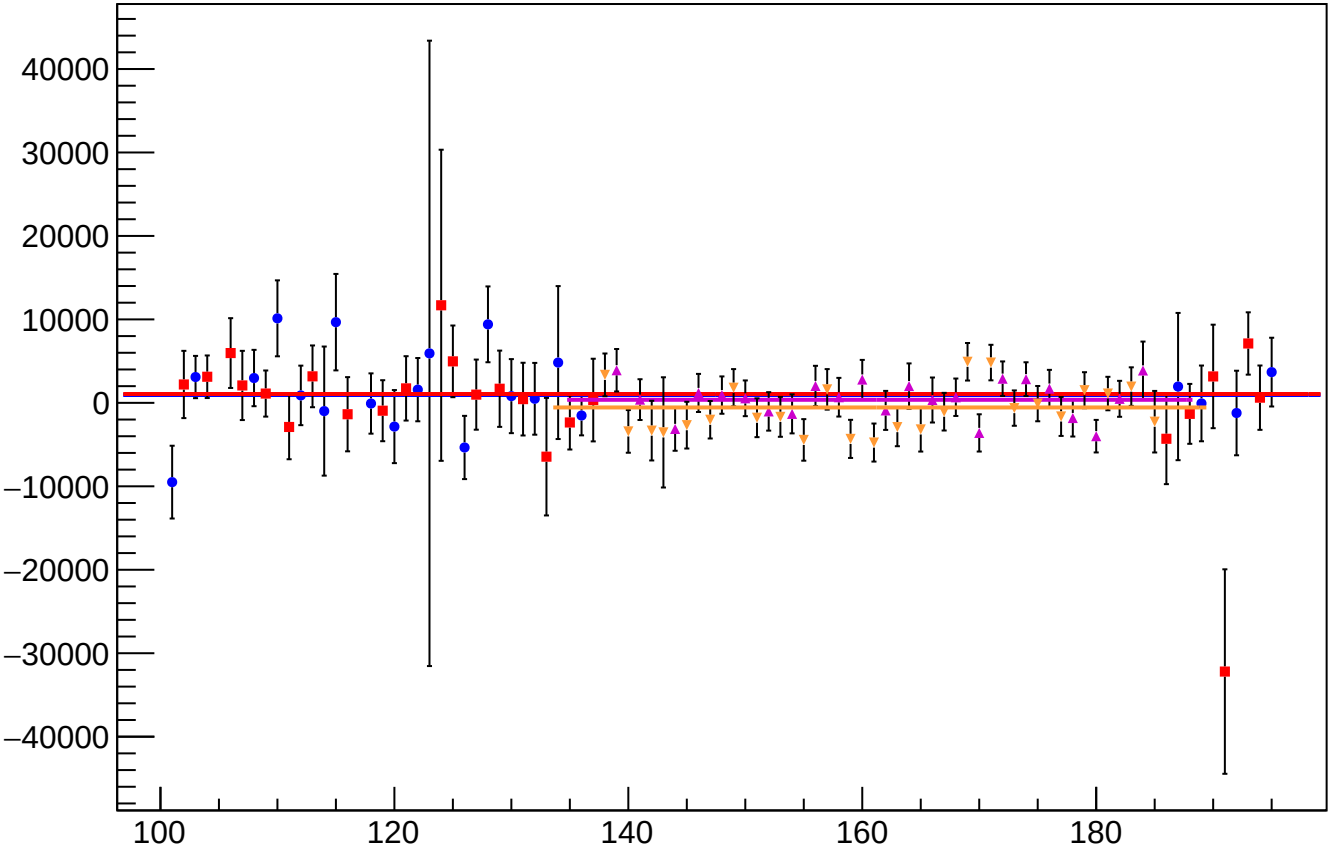
Right: 4667.785+/-1.446 χ^2/NDF: 36460.7/9

In: 3720.520+/-0.599 χ^2/NDF:364071.5/26

Out: 3793.469+/-0.583 χ^2/NDF:935502.0/30

All: 3757.998+/-0.418 χ^2/NDF: 1307196.5/57

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 941.692+/-898.002 χ^2/NDF: 22.3/20

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

Right Out: 1060.411+/-831.027 χ^2/NDF: 19.2/23

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

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

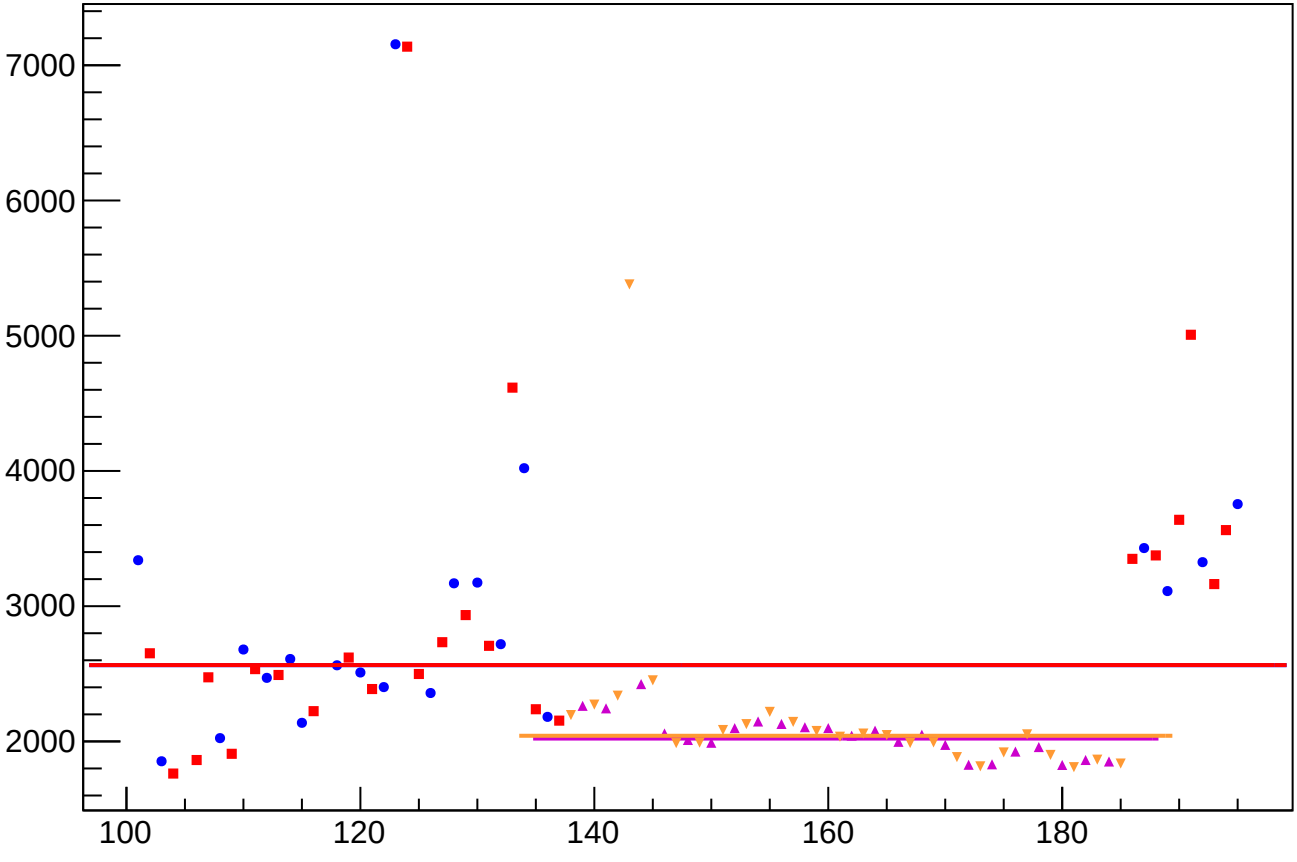
Right: 1005.643+/-609.930 χ^2/NDF: 41.5/44

In: 495.401+/-425.437 χ^2/NDF:43.1/43

Out: -146.143+/-416.704 χ^2/NDF:56.0/48

All: 167.977+/-297.694 χ^2/NDF: 100.3/92

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2563.626+/-0.635 χ^2/NDF: 764627.7/20

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

Right Out: 2564.590+/-0.588 χ^2/NDF: 1198431.9/23

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

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

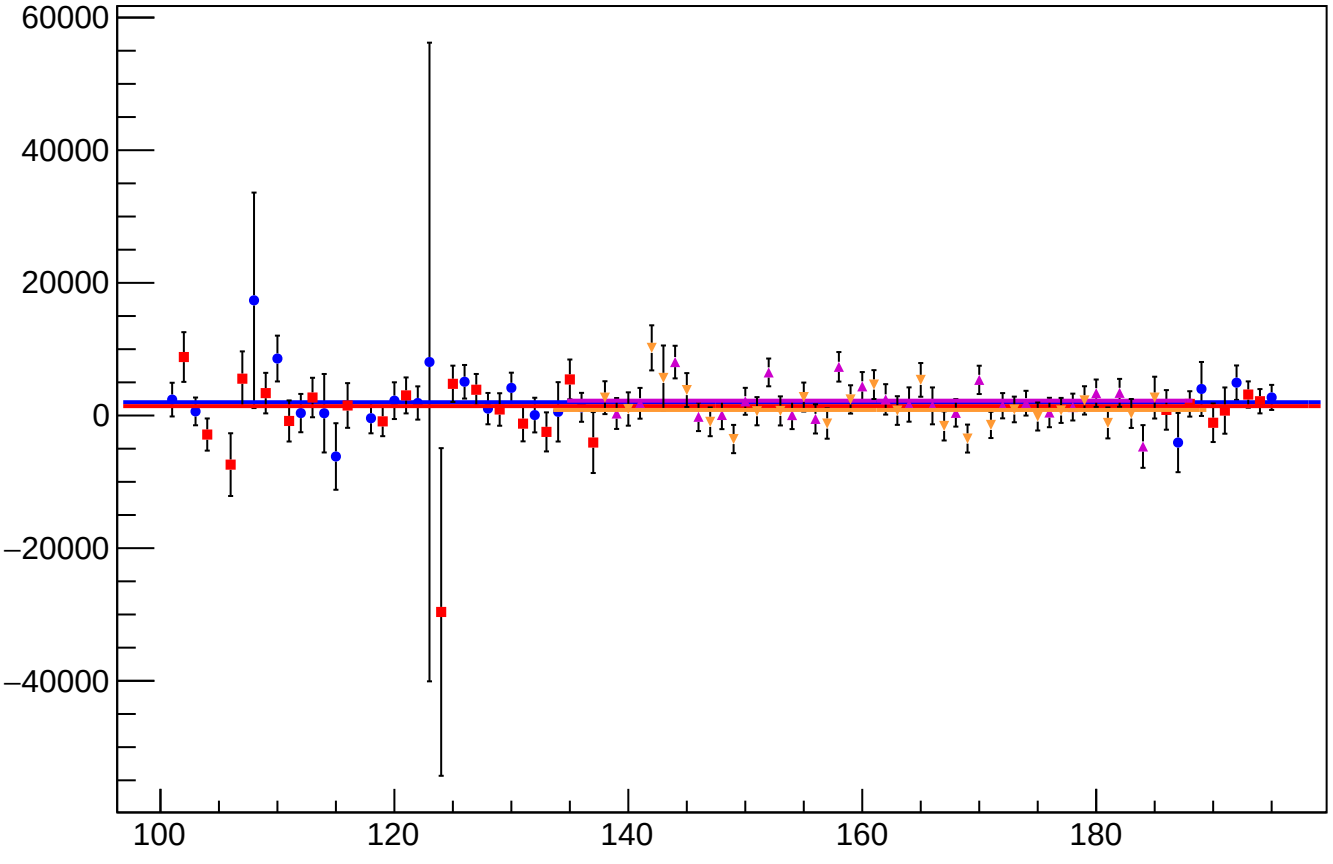
Right: 2564.146+/-0.431 χ^2/NDF: 1963060.8/44

In: 2142.842+/-0.301 χ^2/NDF:1509573.0/43

Out: 2173.234+/-0.295 χ^2/NDF:2497825.8/48

All: 2158.354+/-0.211 χ^2/NDF: 4012607.9/92

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2003.351+/-618.638 χ^2/NDF: 16.0/20

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

Right Out: 1414.079+/-565.770 χ^2/NDF: 26.0/23

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

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

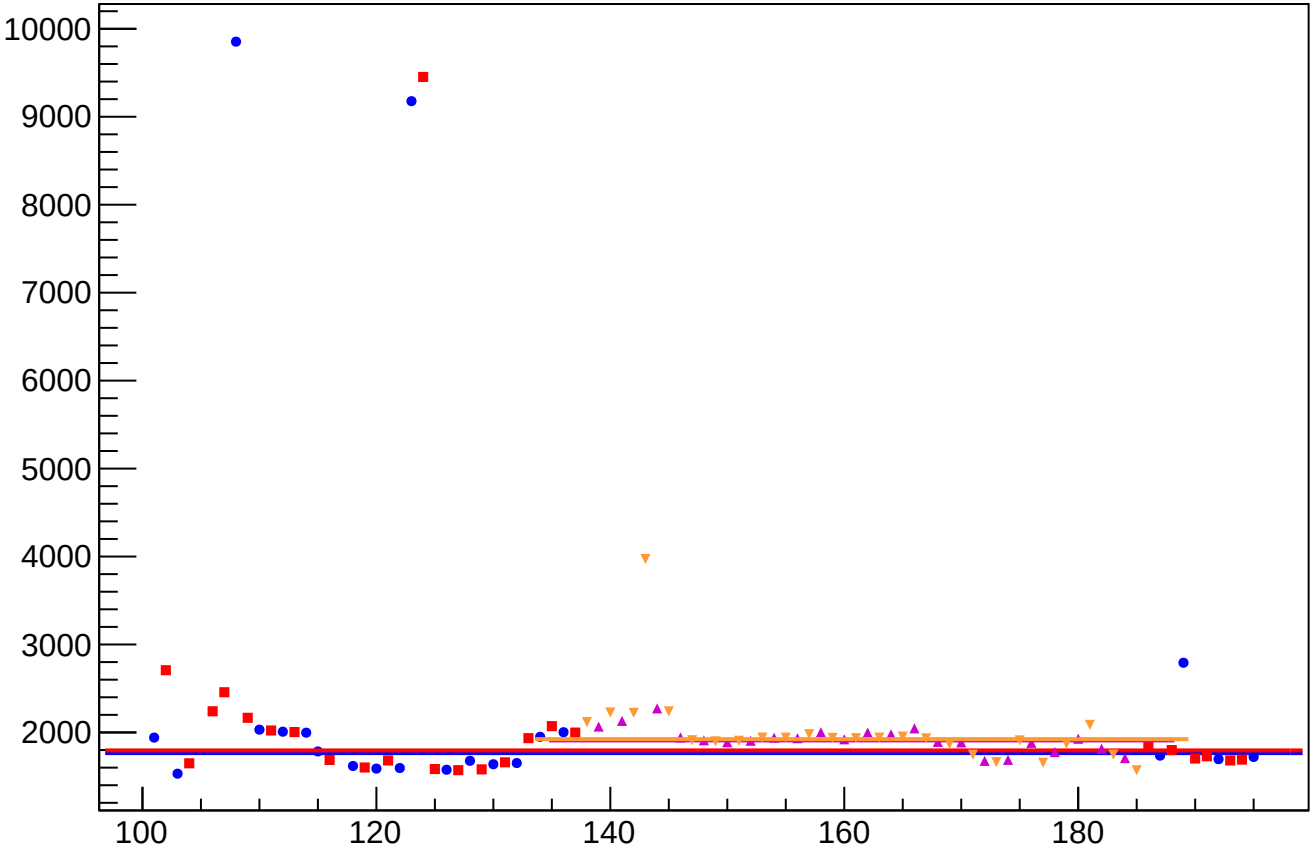
Right: 1682.464+/-417.502 χ^2/NDF: 42.5/44

In: 2153.472+/-367.955 χ^2/NDF:47.1/43

Out: 1063.603+/-354.330 χ^2/NDF:59.0/48

All: 1587.986+/-255.230 χ^2/NDF: 110.6/92

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1765.235+/-0.437 χ^2/NDF: 813902.5/20

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

Right Out: 1795.877+/-0.400 χ^2/NDF: 551911.8/23

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

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

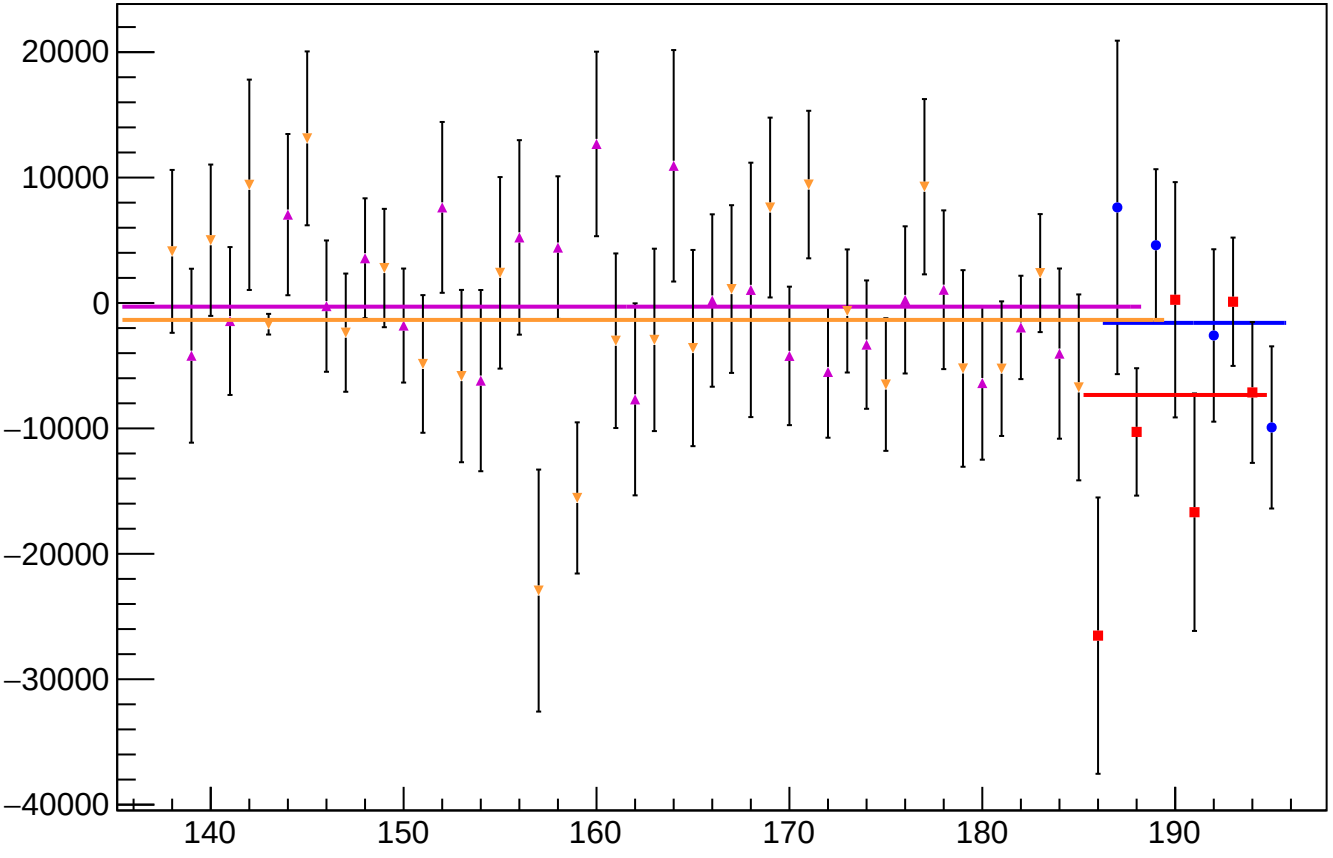
Right: 1781.932+/-0.295 χ^2/NDF: 1368488.2/44

In: 1858.565+/-0.260 χ^2/NDF:1048816.7/43

Out: 1873.747+/-0.250 χ^2/NDF:1198321.4/48

All: 1866.445+/-0.180 χ^2/NDF: 2248905.3/92

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: -1585.111+/-3581.385 χ^2/NDF: 3.2/3

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

Right Out: -7333.923+/-2678.024 χ^2/NDF: 7.1/5

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

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

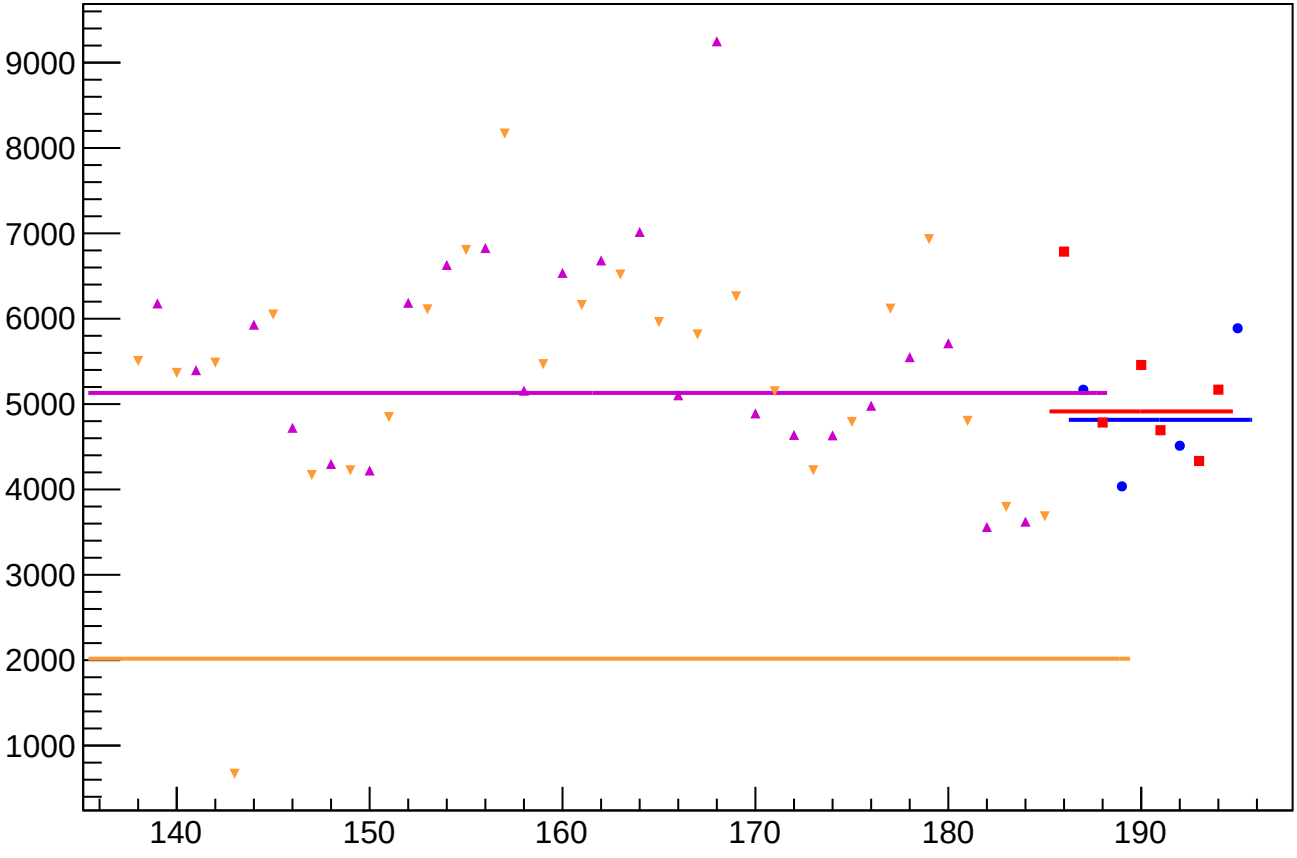
Right: -5272.259+/-2144.721 χ^2/NDF: 12.0/9

In: -434.700+/-1182.094 χ^2/NDF:17.9/26

Out: -1722.790+/-668.776 χ^2/NDF:42.7/30

All: -1410.467+/-582.077 χ^2/NDF: 61.4/57

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 4815.681+/-2.532 χ^2/NDF: 93419.1/3

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

Right Out: 4914.118+/-1.894 χ^2/NDF: 96727.3/5

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

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

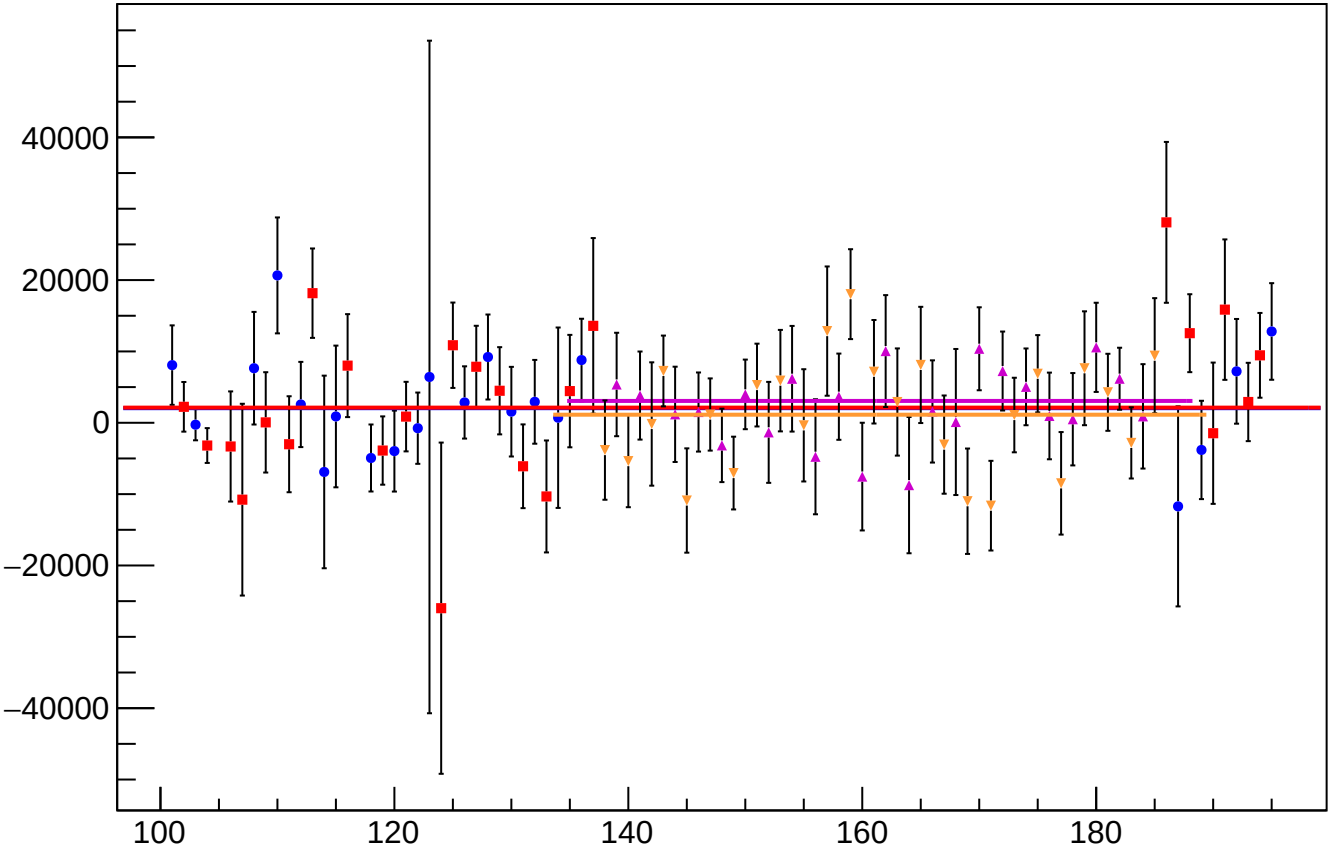
Right: 4878.816+/-1.517 χ^2/NDF: 191115.5/9

In: 5096.431+/-0.836 χ^2/NDF:1597025.4/26

Out: 2197.904+/-0.473 χ^2/NDF:21450762.4/30

All: 2900.709+/-0.412 χ^2/NDF: 32157002.3/5

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2046.640+/-1233.662 χ^2/NDF: 19.7/20

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

Right Out: 2123.793+/-1175.285 χ^2/NDF: 38.4/23

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

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

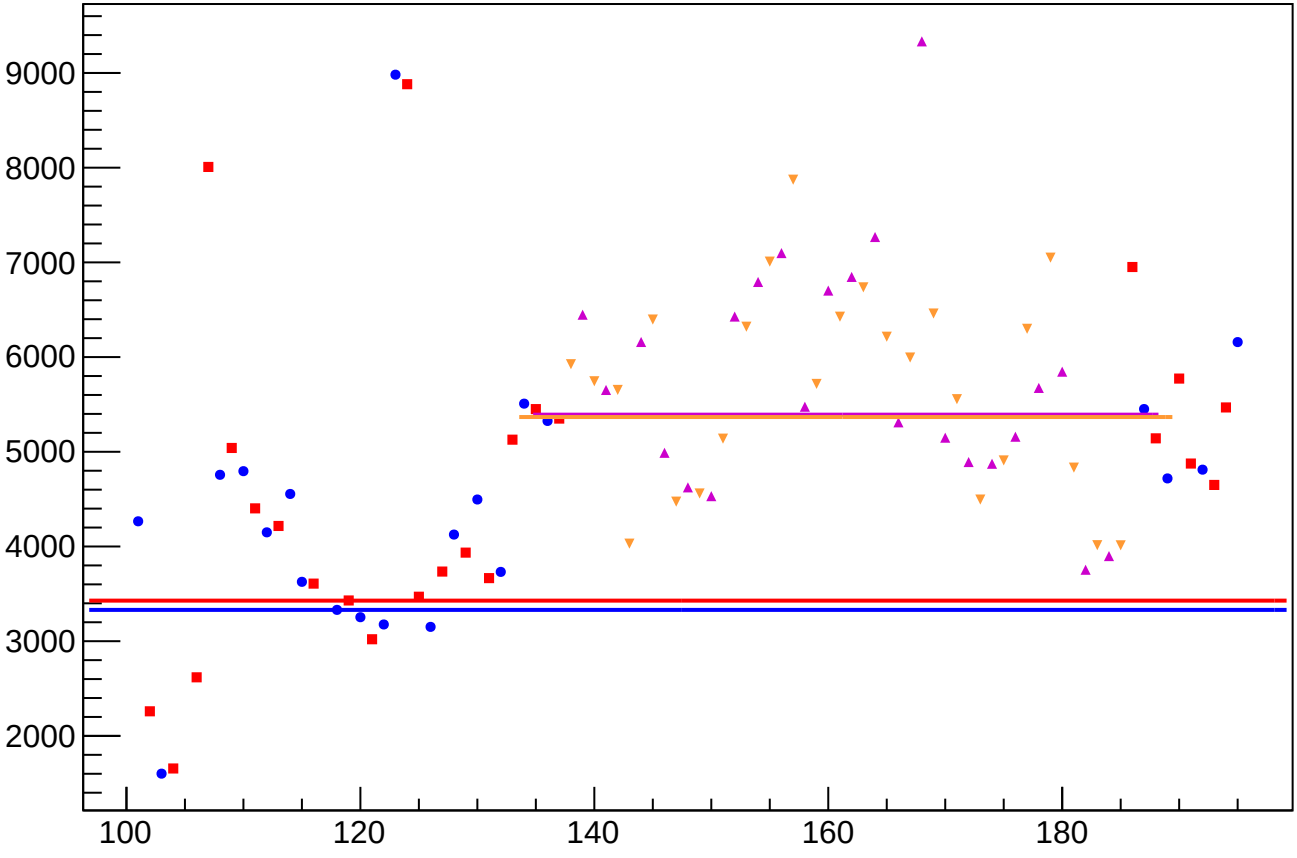
Right: 2087.085+/-850.941 χ^2/NDF: 58.2/44

In: 2522.380+/-899.134 χ^2/NDF:32.4/43

Out: 1670.429+/-865.774 χ^2/NDF:71.2/48

All: 2080.306+/-623.655 χ^2/NDF: 104.1/92

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3330.411+/-0.872 χ^2/NDF: 2492975.3/20

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

Right Out: 3428.384+/-0.821 χ^2/NDF: 3042732.7/23

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

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

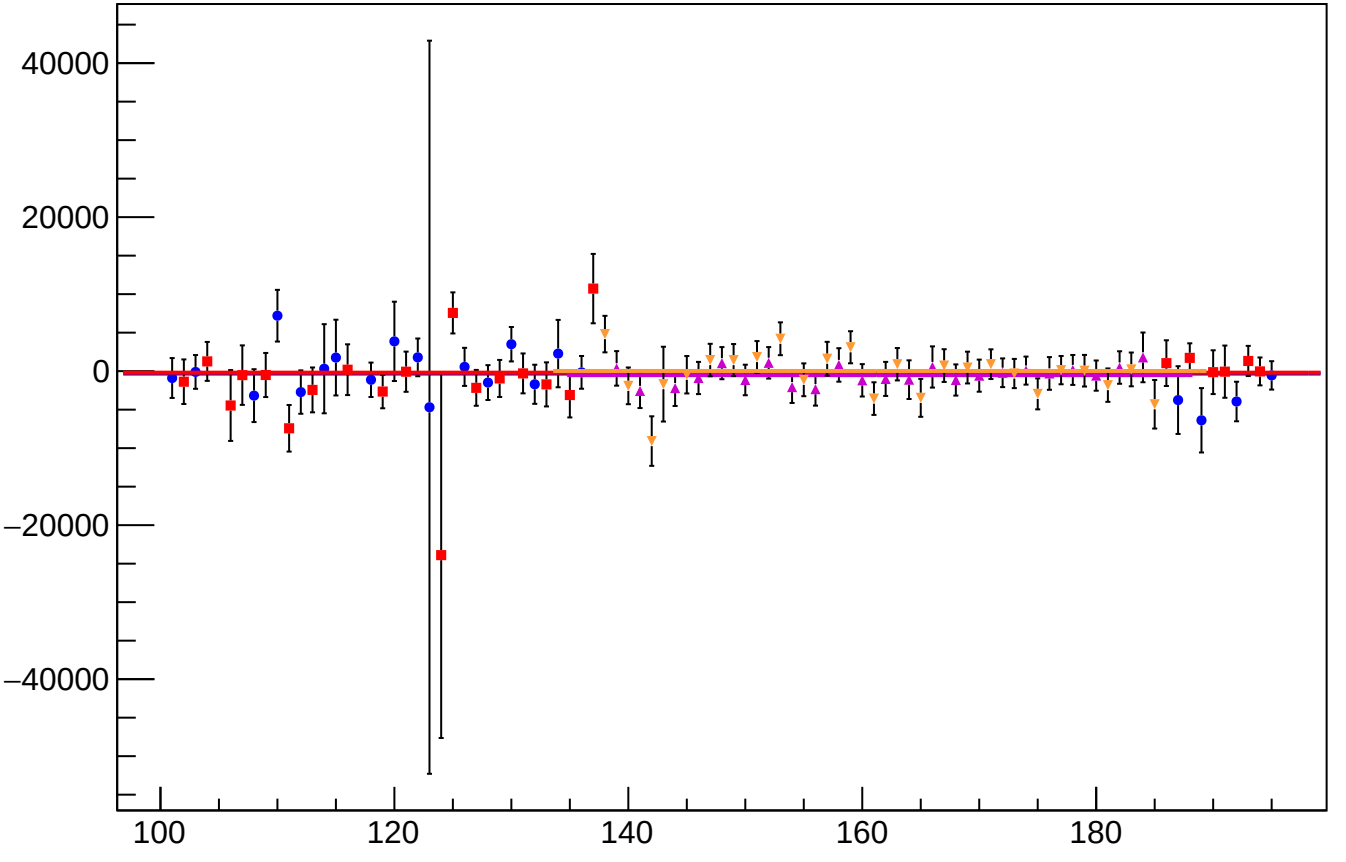
Right: 3382.366+/-0.598 χ^2/NDF: 5542397.3/44

In: 4296.877+/-0.636 χ^2/NDF:6431738.5/43

Out: 4303.246+/-0.608 χ^2/NDF:6772585.0/48

All: 4300.203+/-0.439 χ^2/NDF: 13204375.9/9

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -309.116+/-611.390 χ^2/NDF: 16.9/20

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

Right Out: -196.559+/-550.683 χ^2/NDF: 28.2/23

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

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

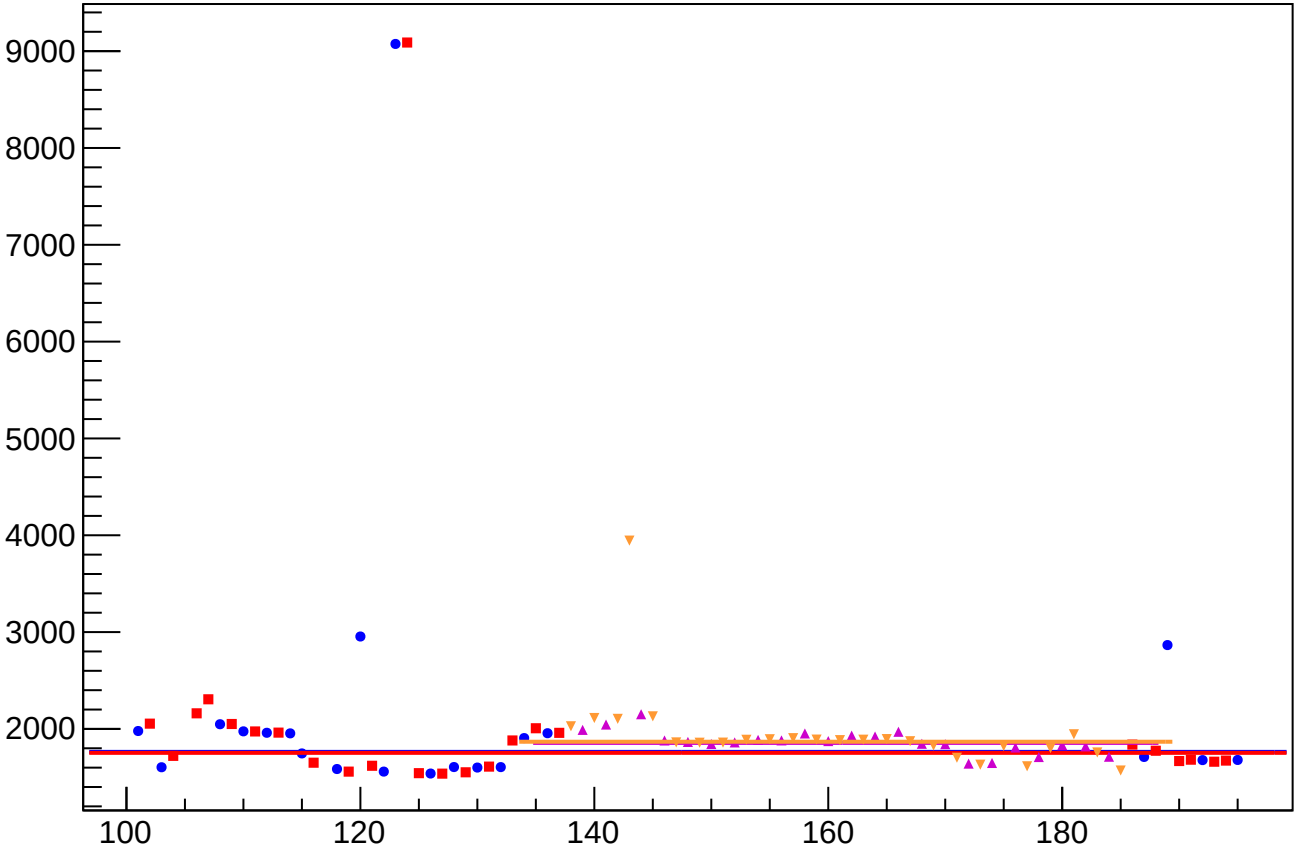
Right: -246.974+/-409.175 χ^2/NDF: 45.1/44

In: -443.625+/-359.473 χ^2/NDF:22.9/43

Out: -62.495+/-344.093 χ^2/NDF:60.0/48

All: -244.733+/-248.570 χ^2/NDF: 83.5/92

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1762.739+/-0.432 χ^2/NDF: 447369.4/20

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

Right Out: 1752.859+/-0.389 χ^2/NDF: 423132.7/23

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

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

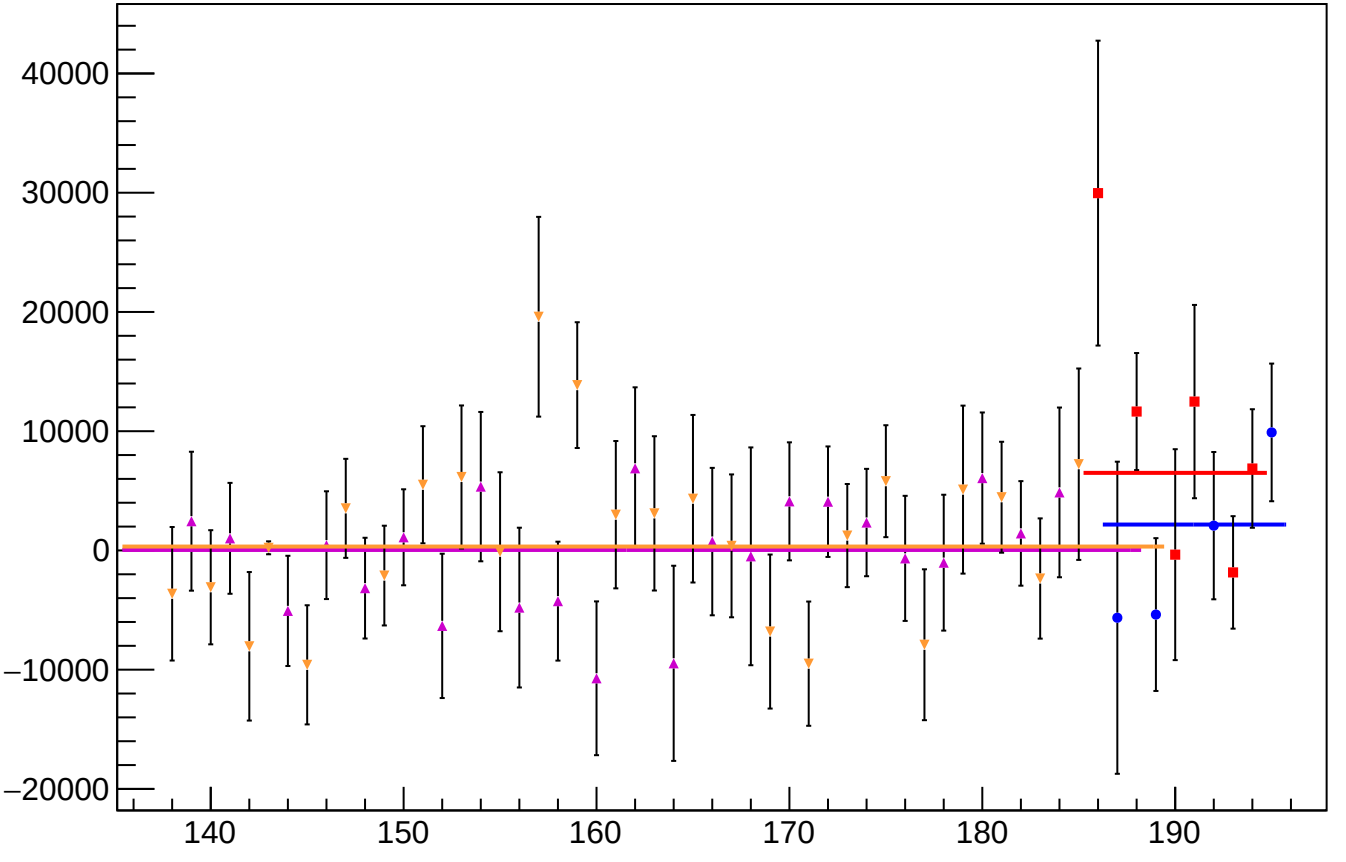
Right: 1757.279+/-0.289 χ^2/NDF: 870790.7/44

In: 1823.419+/-0.254 χ^2/NDF:613699.2/43

Out: 1822.708+/-0.243 χ^2/NDF:1021414.0/48

All: 1823.048+/-0.176 χ^2/NDF: 1635117.2/92

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 2171.155+/-3401.616 χ^2/NDF: 3.5/3

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

Right Out: 6504.975+/-2491.807 χ^2/NDF: 8.7/5

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

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

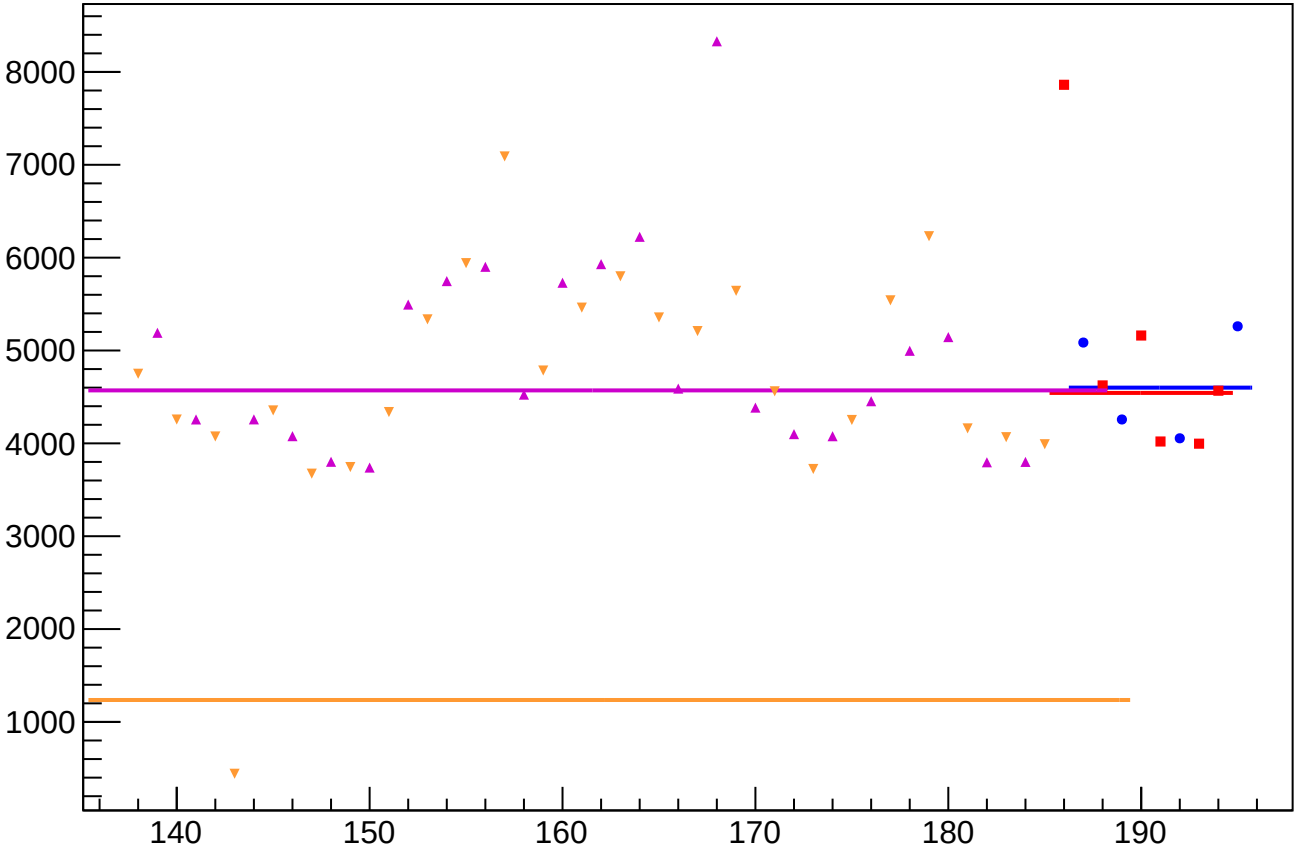
Right: 4991.534+/-2010.169 χ^2/NDF: 13.3/9

In: 245.134+/-1055.022 χ^2/NDF:17.8/26

Out: 553.617+/-479.128 χ^2/NDF:47.2/30

All: 500.872+/-436.249 χ^2/NDF: 65.0/57

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4600.182+/-2.405 χ^2/NDF: 50268.5/3

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

Right Out: 4543.150+/-1.762 χ^2/NDF: 180292.8/5

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

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

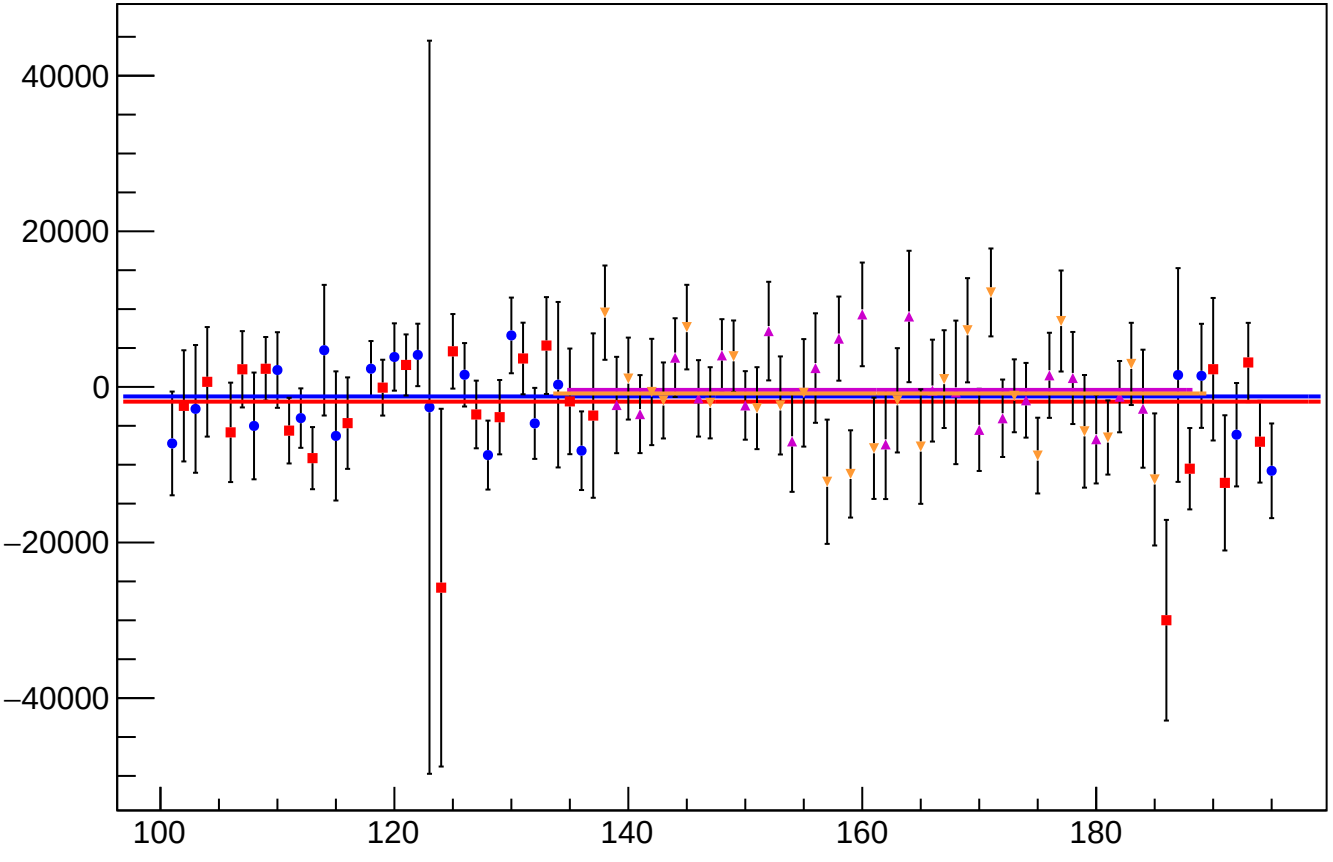
Right: 4563.066+/-1.421 χ^2/NDF: 230927.1/9

In: 4573.263+/-0.746 χ^2/NDF:1195618.6/26

Out: 1358.436+/-0.339 χ^2/NDF:26968550.6/30

All: 1908.108+/-0.308 χ^2/NDF: 43559444.2/5

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1225.442+/-1178.788 χ^2/NDF: 18.9/20

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

Right Out: -1892.946+/-1088.250 χ^2/NDF: 25.4/23

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

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

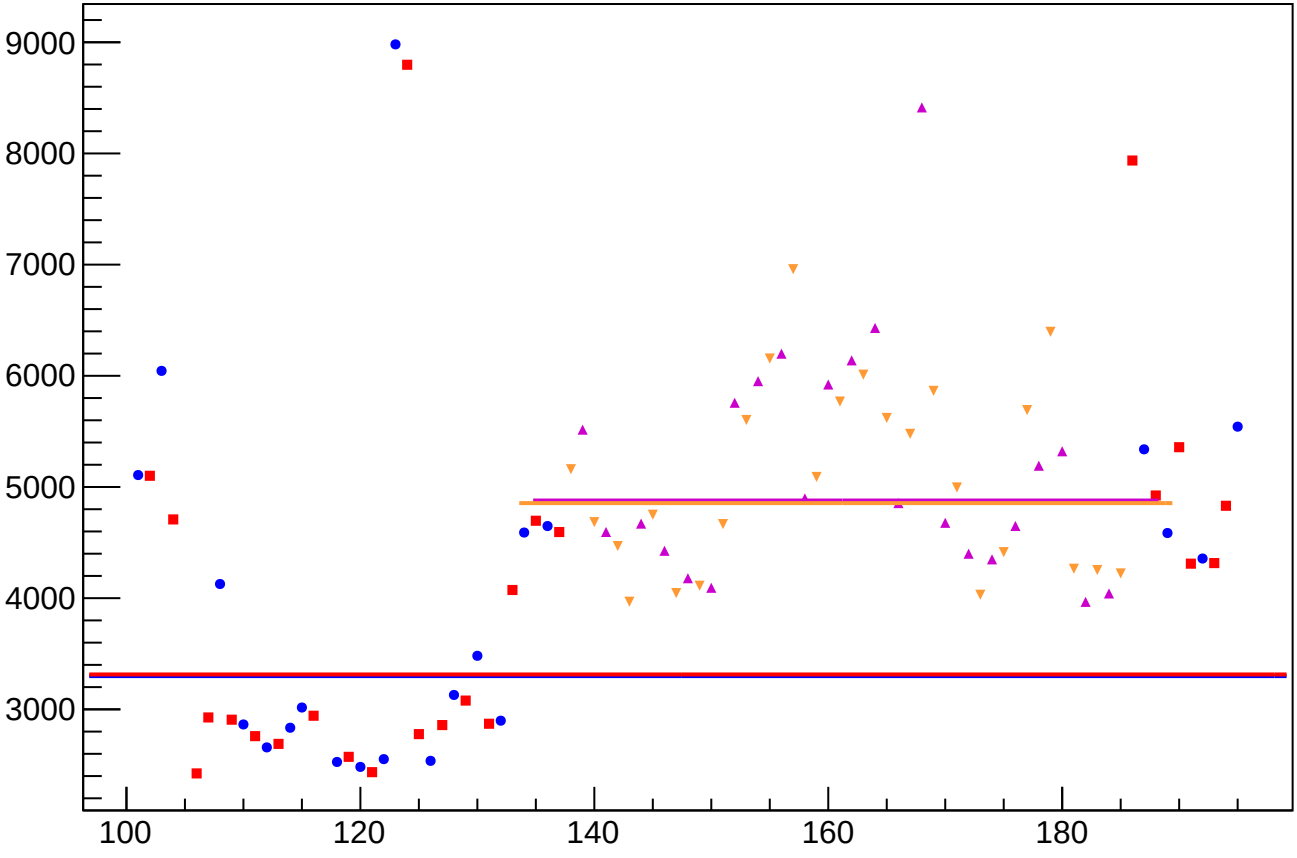
Right: -1585.809+/-799.603 χ^2/NDF: 44.5/44

In: -806.221+/-834.471 χ^2/NDF:33.0/43

Out: -1399.278+/-791.305 χ^2/NDF:55.9/48

All: -1118.484+/-574.191 χ^2/NDF: 89.2/92

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3299.070+/-0.834 χ^2/NDF: 1448486.3/20

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

Right Out: 3313.860+/-0.761 χ^2/NDF: 1722819.8/23

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

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

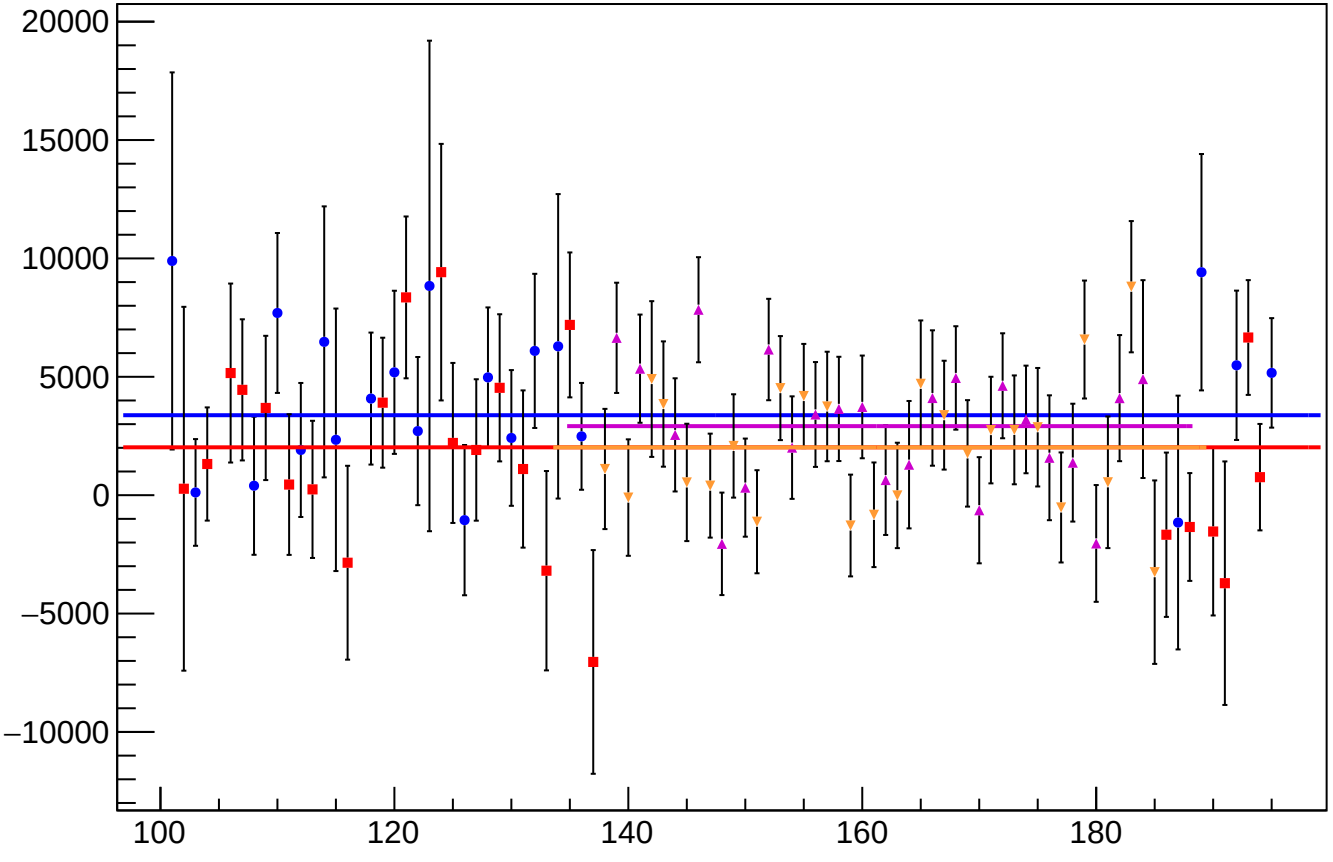
Right: 3307.132+/-0.562 χ^2/NDF: 3171477.7/44

In: 4086.876+/-0.590 χ^2/NDF:4204379.1/43

Out: 4032.081+/-0.556 χ^2/NDF:4527170.9/48

All: 4057.873+/-0.405 χ^2/NDF: 8736114.5/92

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3377.572+/-717.383 χ^2/NDF: 13.3/20

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

Right Out: 2021.606+/-646.830 χ^2/NDF: 28.0/23

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

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

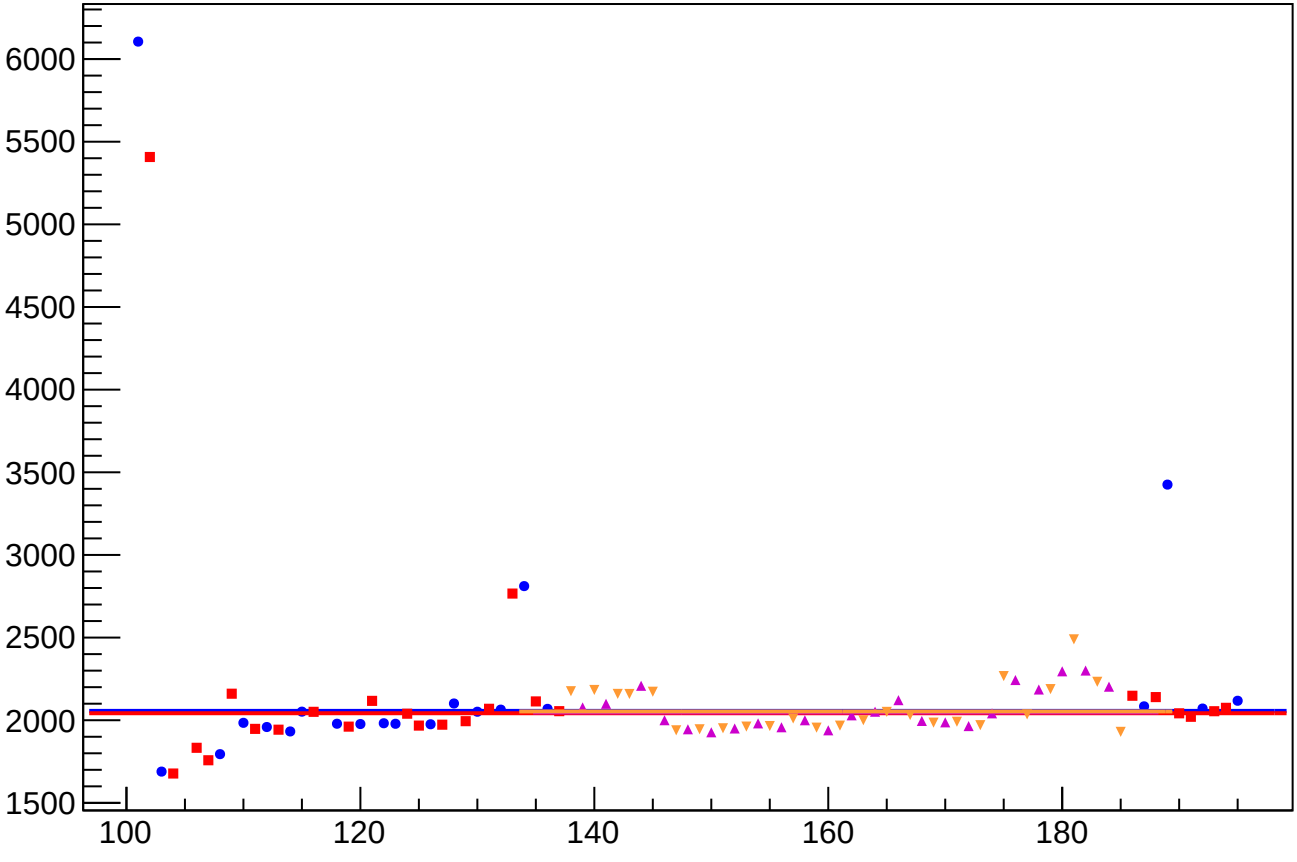
Right: 2629.650+/-480.390 χ^2/NDF: 43.3/44

In: 3062.664+/-404.309 χ^2/NDF:42.4/43

Out: 2020.139+/-386.153 χ^2/NDF:55.1/48

All: 2517.469+/-279.249 χ^2/NDF: 101.0/92

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2056.475+/-0.507 χ^2/NDF: 775645.4/20

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

Right Out: 2042.350+/-0.457 χ^2/NDF: 533850.9/23

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

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

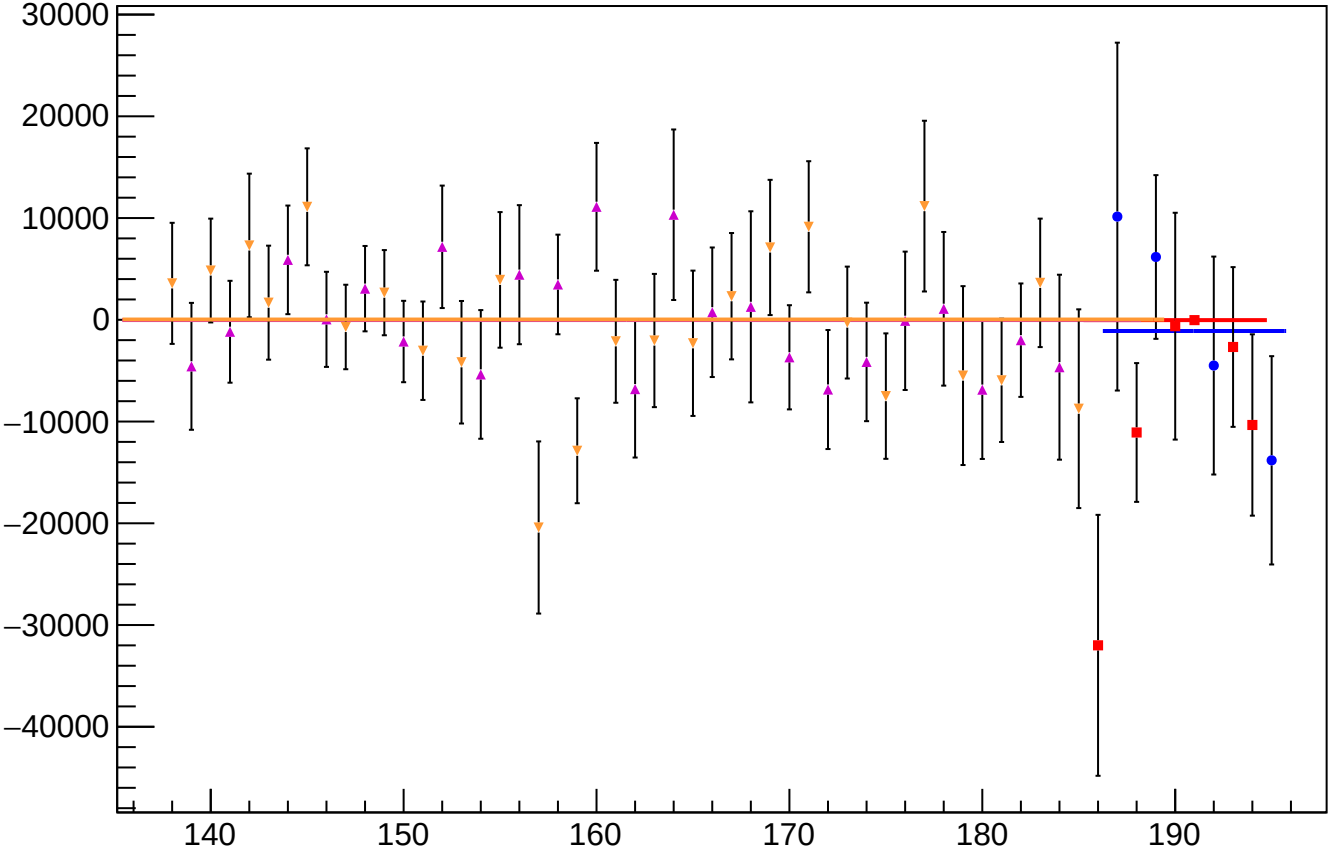
Right: 2048.682+/-0.340 χ^2/NDF: 1309924.1/44

In: 2050.199+/-0.286 χ^2/NDF:878870.9/43

Out: 2049.393+/-0.273 χ^2/NDF:671107.8/48

All: 2049.778+/-0.197 χ^2/NDF: 1549982.8/92

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1101.452+/-5189.417 χ^2/NDF: 2.9/3

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

Right Out: -31.732+/-15.145 χ^2/NDF: 10.3/5

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

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

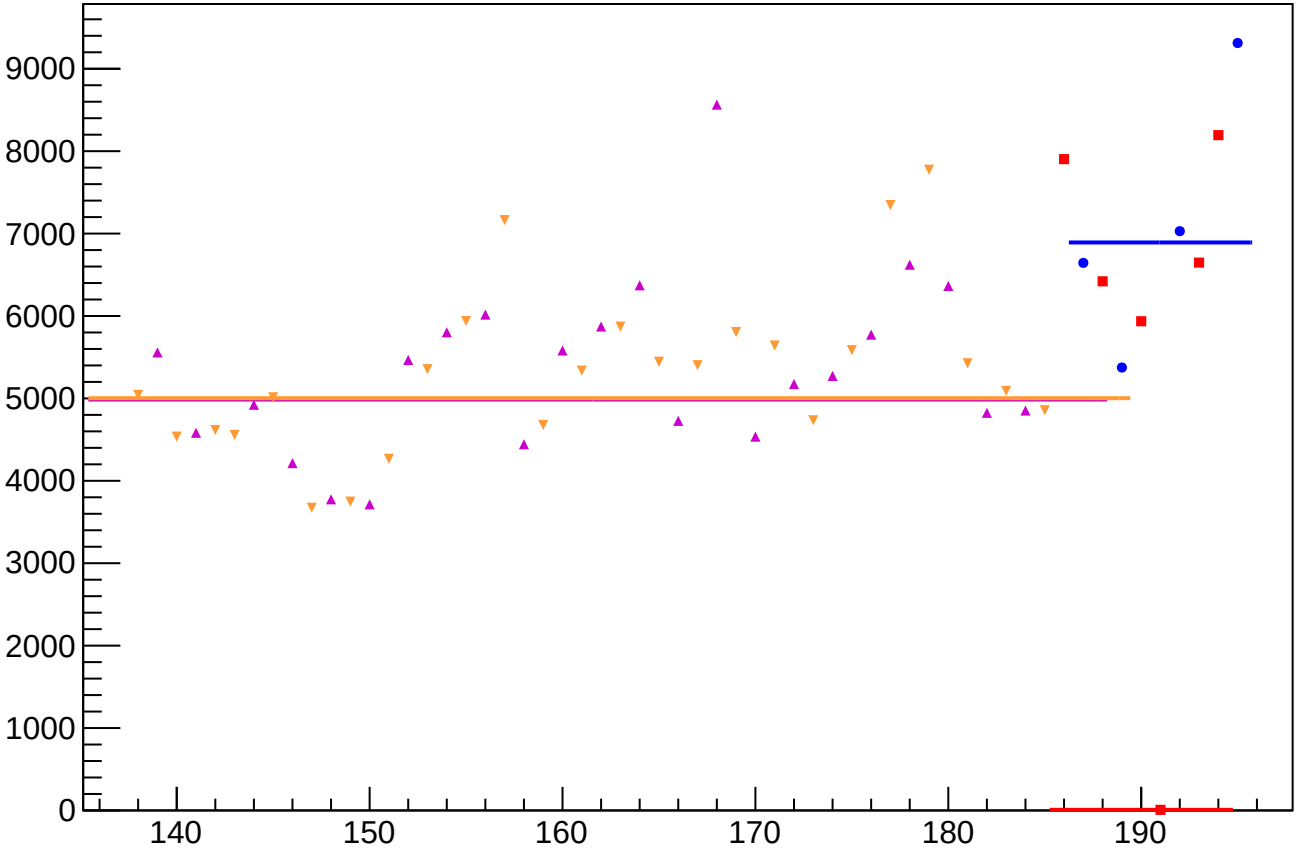
Right: -31.742+/-15.145 χ^2/NDF: 13.2/9

In: -79.479+/-1179.917 χ^2/NDF:18.2/26

Out: -31.723+/-15.144 χ^2/NDF:39.5/30

All: -31.731+/-15.143 χ^2/NDF: 57.7/57

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 6892.168+/-3.669 χ^2/NDF: 183741.3/3

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

Right Out: 7.609+/-0.011 χ^2/NDF: 6211062.5/5

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

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

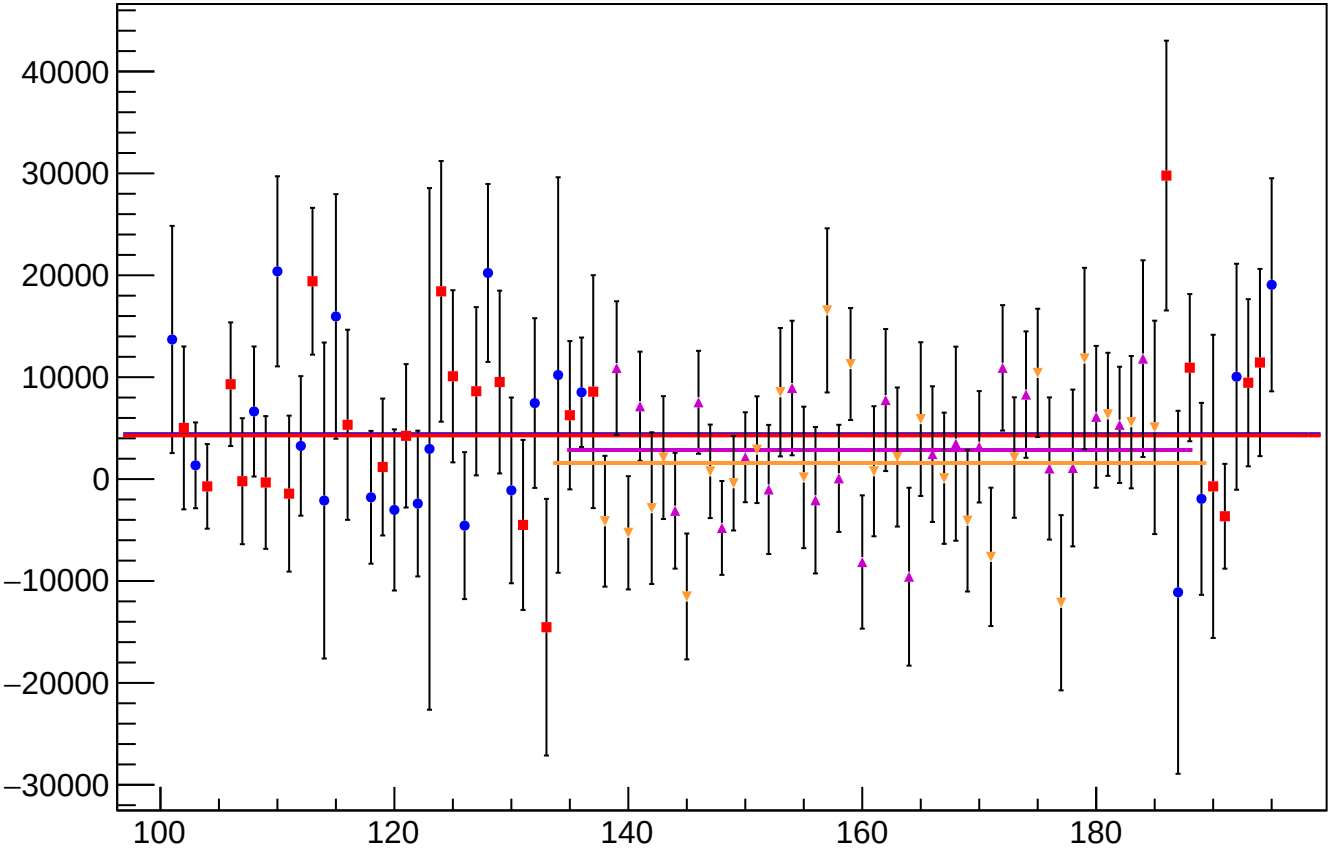
Right: 7.667+/-0.011 χ^2/NDF: 9914793.1/9

In: 5084.704+/-0.834 χ^2/NDF:1637193.8/26

Out: 8.411+/-0.011 χ^2/NDF:42315678.2/30

All: 9.247+/-0.011 χ^2/NDF: 80965407.0/57

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4404.499+/-1763.792 χ^2/NDF: 17.6/20

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

Right Out: 4290.107+/-1526.505 χ^2/NDF: 22.3/23

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

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

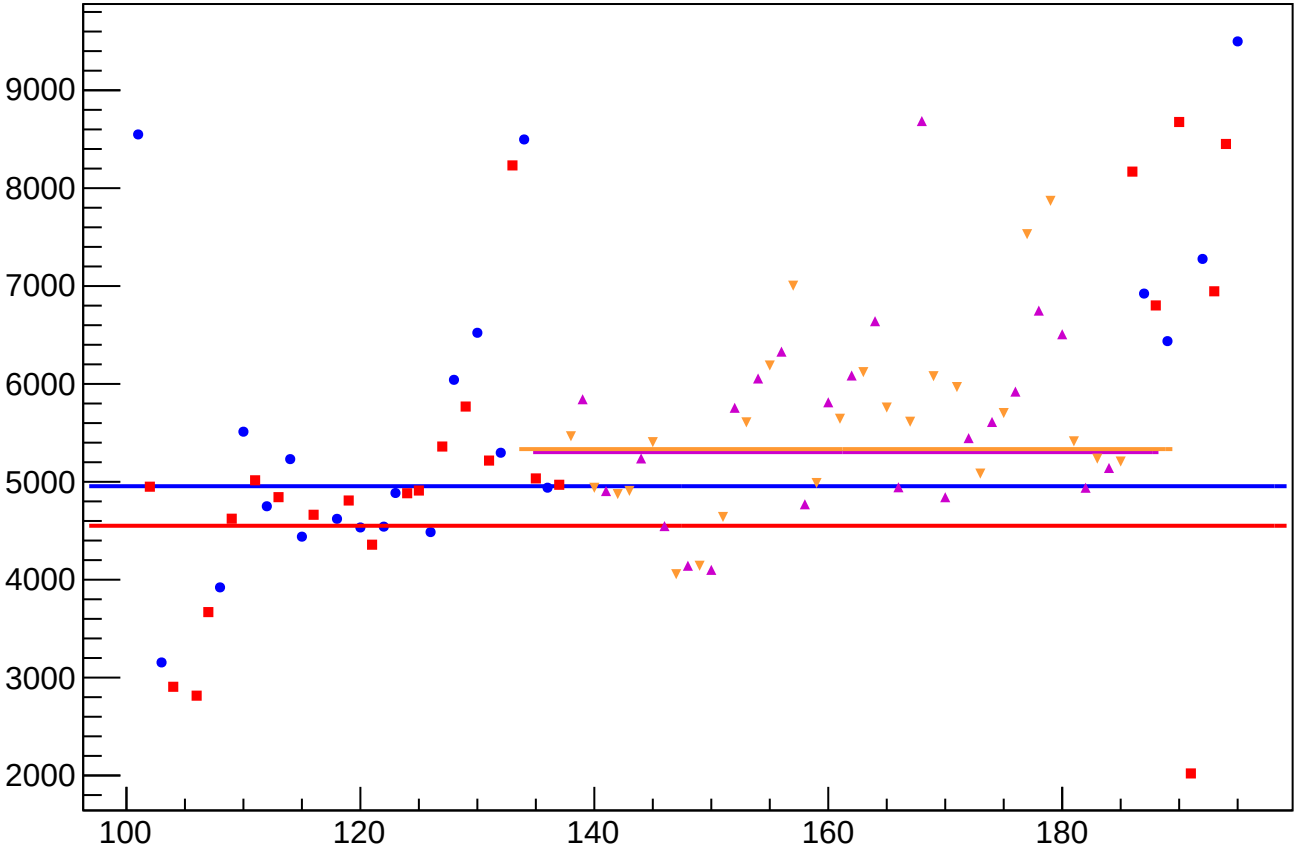
Right: 4339.096+/-1154.248 χ^2/NDF: 39.8/44

In: 3392.761+/-1038.138 χ^2/NDF:36.2/43

Out: 2684.822+/-974.521 χ^2/NDF:49.3/48

All: 3016.437+/-710.517 χ^2/NDF: 85.7/92

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4955.229+/-1.247 χ^2/NDF: 1365326.8/20

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

Right Out: 4551.078+/-1.075 χ^2/NDF: 2331450.0/23

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

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

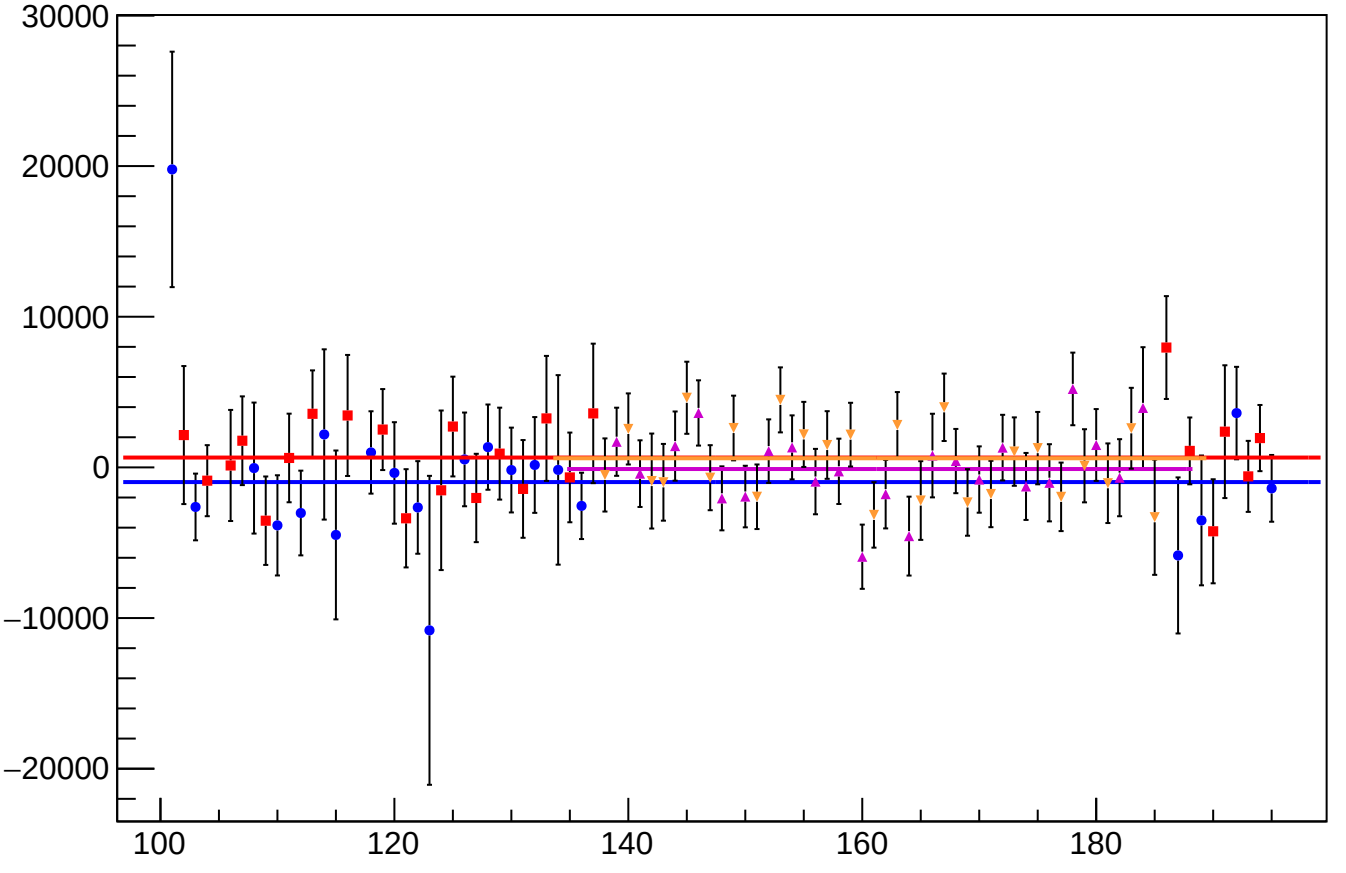
Right: 4723.260+/-0.814 χ^2/NDF: 3757047.9/44

In: 5182.731+/-0.734 χ^2/NDF:2376594.0/43

Out: 5013.329+/-0.688 χ^2/NDF:3510406.4/48

All: 5092.524+/-0.502 χ^2/NDF: 5915358.7/92

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -974.571+/-711.228 χ^2/NDF: 16.6/20

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

Right Out: 653.083+/-627.708 χ^2/NDF: 16.4/23

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

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

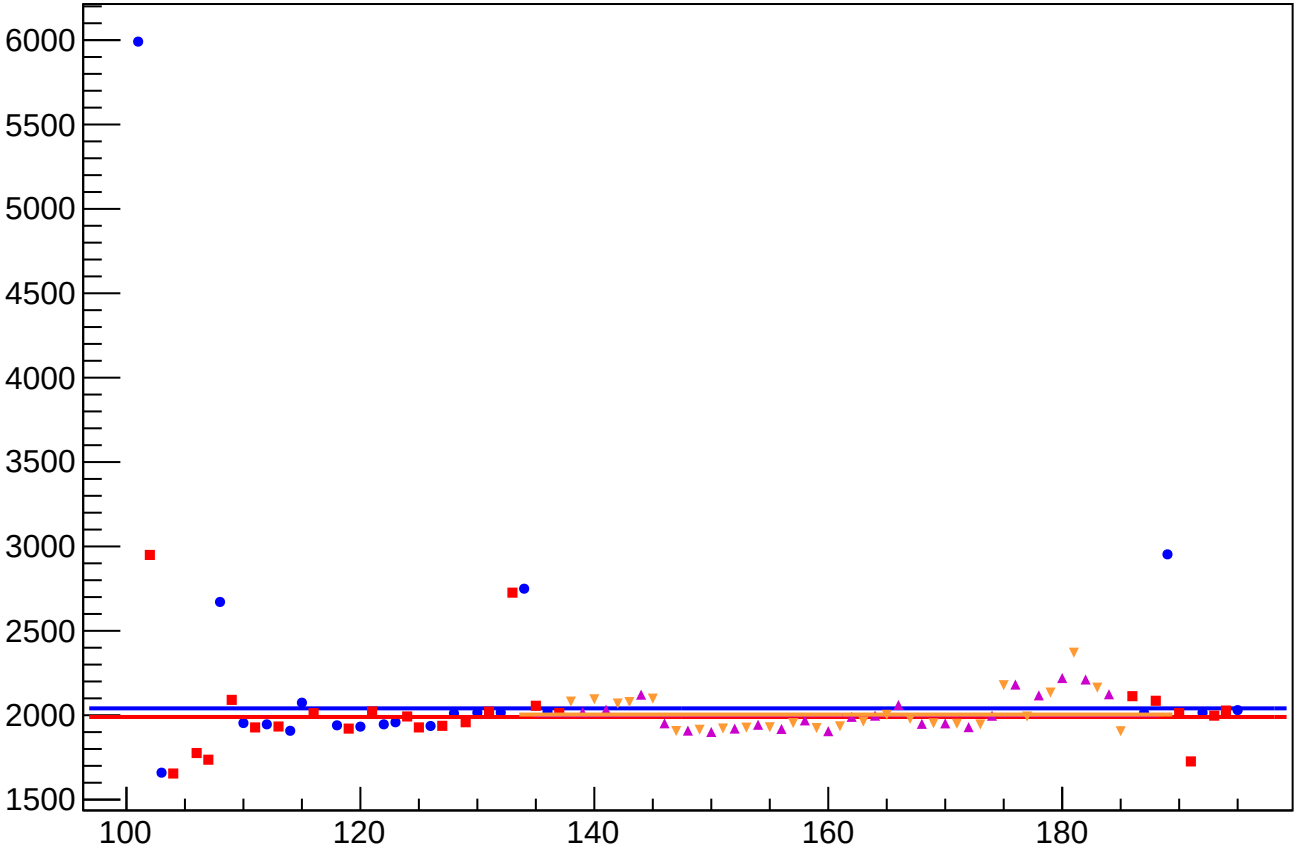
Right: -59.608+/-470.629 χ^2/NDF: 35.9/44

In: -377.804+/-396.669 χ^2/NDF:42.5/43

Out: 622.756+/-375.915 χ^2/NDF:41.7/48

All: 149.334+/-272.854 χ^2/NDF: 87.6/92

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2040.741+/-0.503 χ^2/NDF: 742390.5/20

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

Right Out: 1989.564+/-0.444 χ^2/NDF: 235723.0/23

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

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

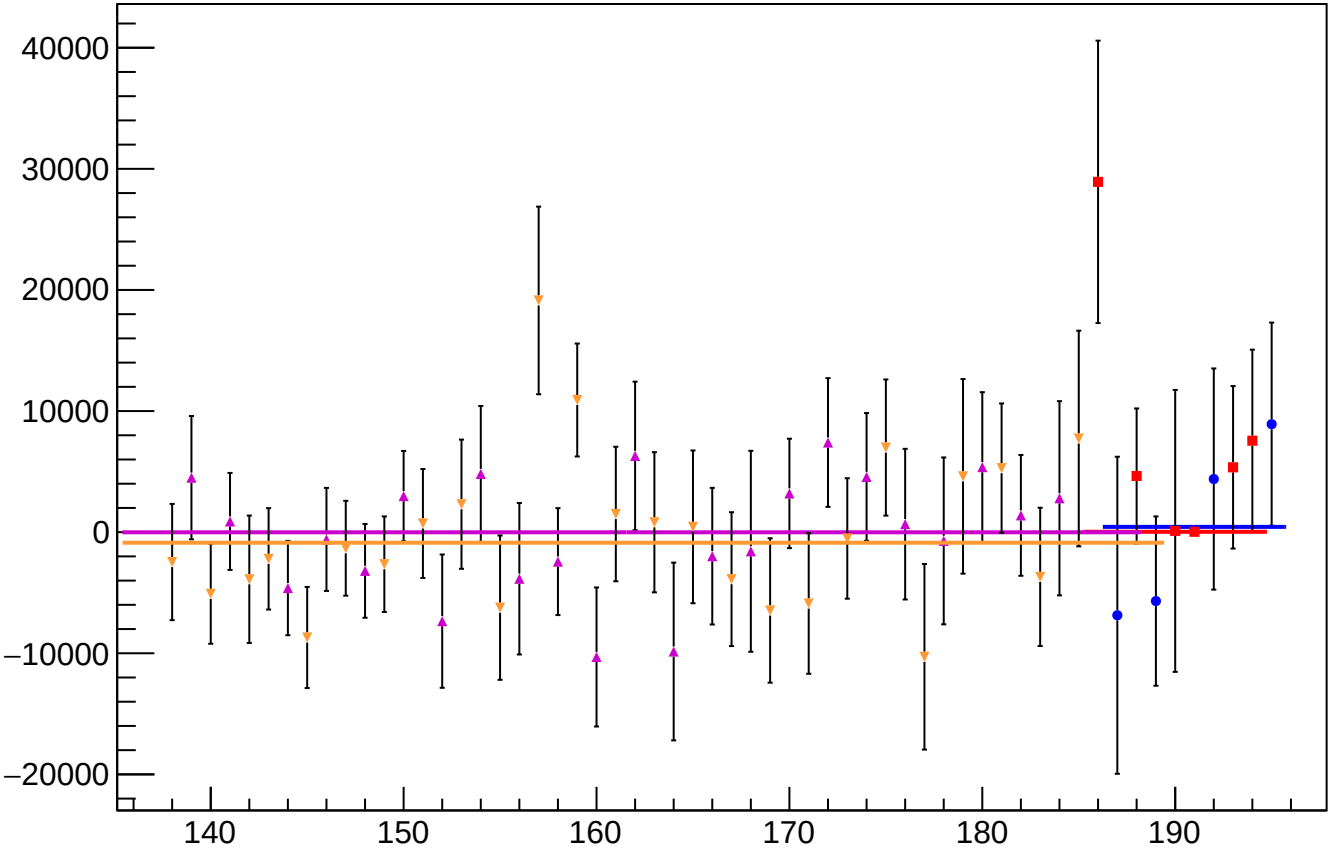
Right: 2011.954+/-0.333 χ^2/NDF: 983938.4/44

In: 2012.755+/-0.280 χ^2/NDF:826574.2/43

Out: 1998.810+/-0.266 χ^2/NDF:336382.7/48

All: 2005.406+/-0.193 χ^2/NDF: 1164259.5/92

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 436.324+/-4364.281 χ^2/NDF: 2.3/3

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

Right Out: 31.179+/-14.261 χ^2/NDF: 8.5/5

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

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

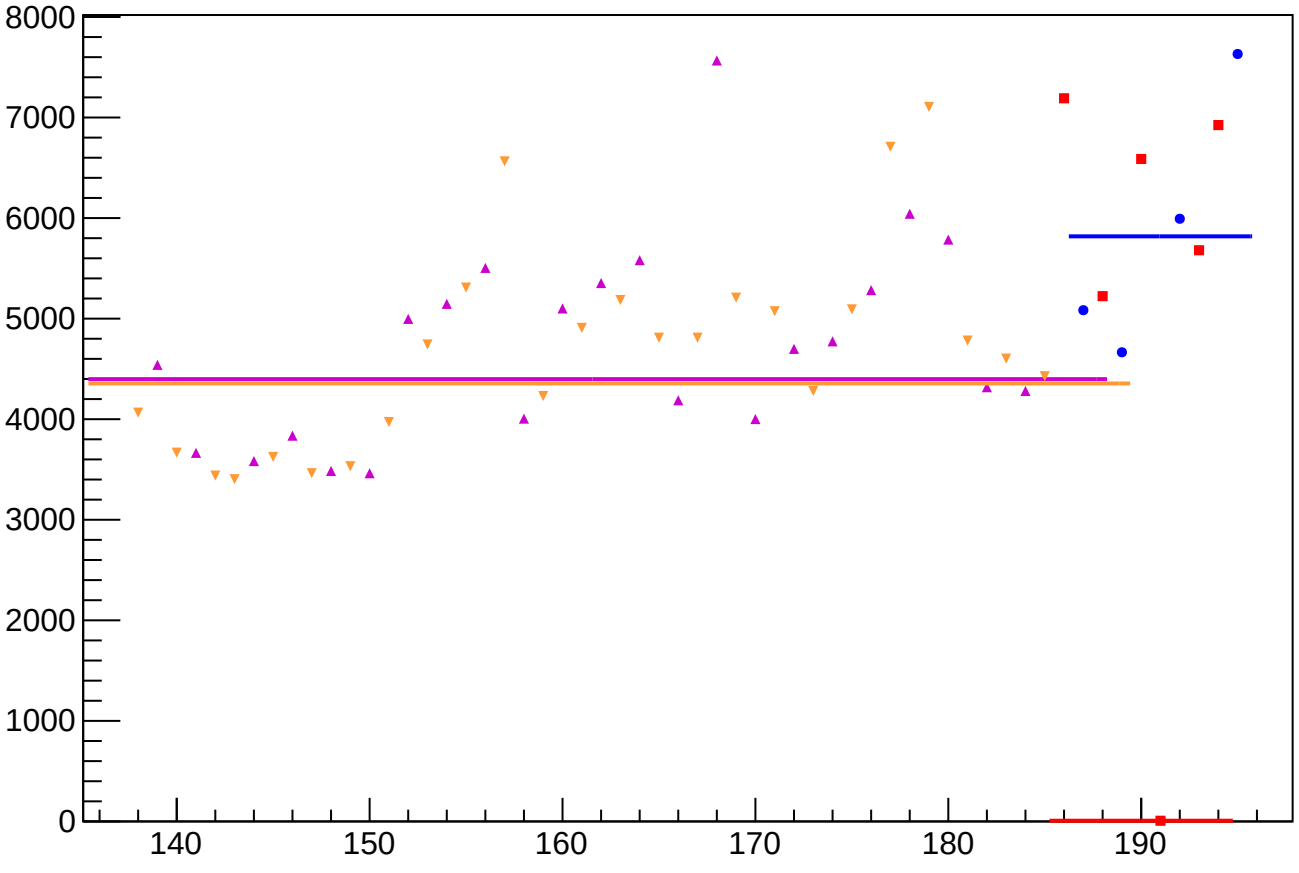
Right: 31.183+/-14.261 χ^2/NDF: 10.8/9

In: 14.427+/-1039.459 χ^2/NDF:19.5/26

Out: 31.010+/-14.259 χ^2/NDF:37.5/30

All: 31.007+/-14.258 χ^2/NDF: 57.0/57

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 5818.280+/-3.086 χ^2/NDF: 154916.1/3

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

Right Out: 7.174+/-0.010 χ^2/NDF: 6271996.0/5

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

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

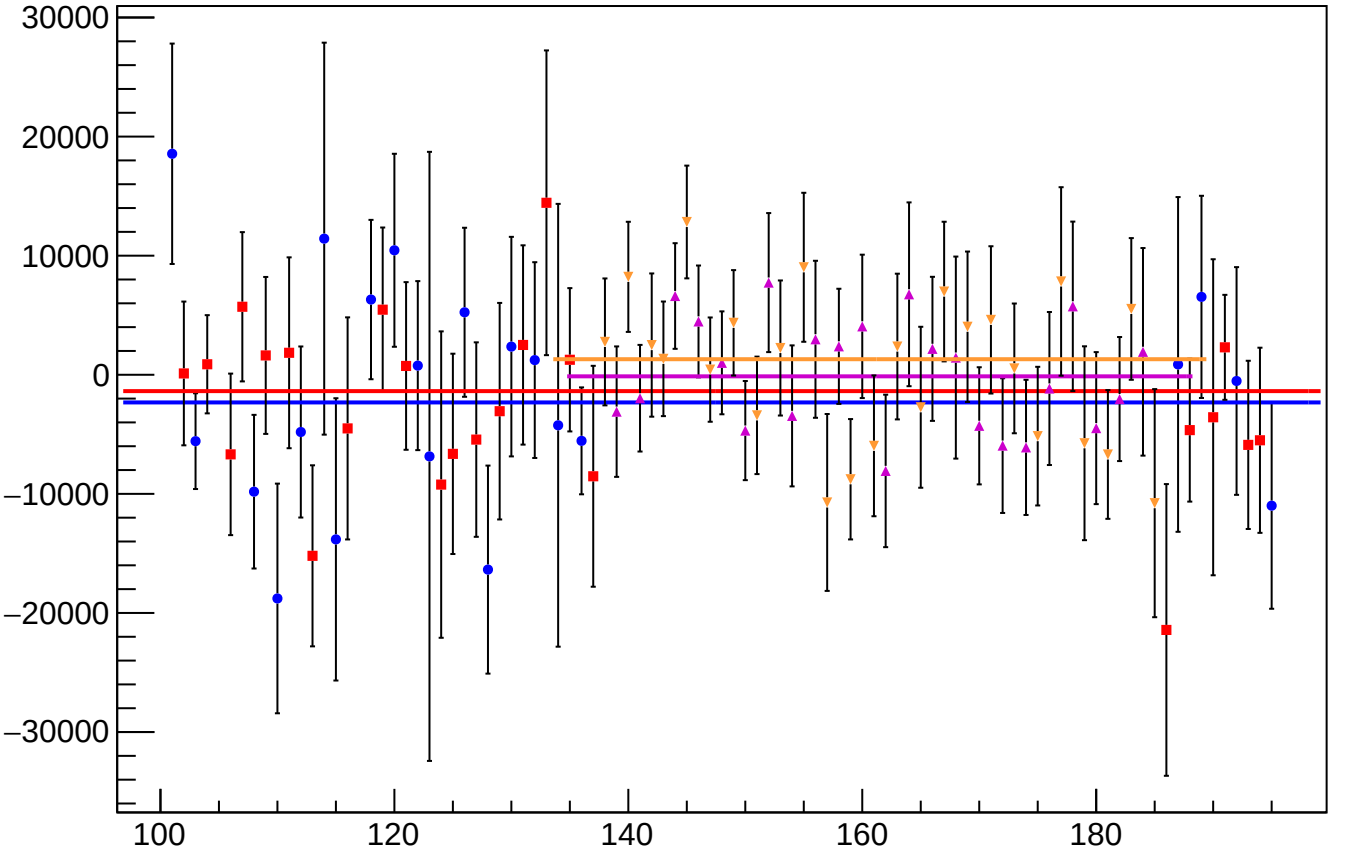
Right: 7.237+/-0.010 χ^2/NDF: 9972739.3/9

In: 4478.965+/-0.735 χ^2/NDF:1633379.4/26

Out: 7.987+/-0.010 χ^2/NDF:42347316.6/30

All: 8.828+/-0.010 χ^2/NDF: 80975341.4/57

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2322.860+/-1683.587 χ^2/NDF: 23.0/20

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

Right Out: -1372.801+/-1447.649 χ^2/NDF: 15.1/23

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

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

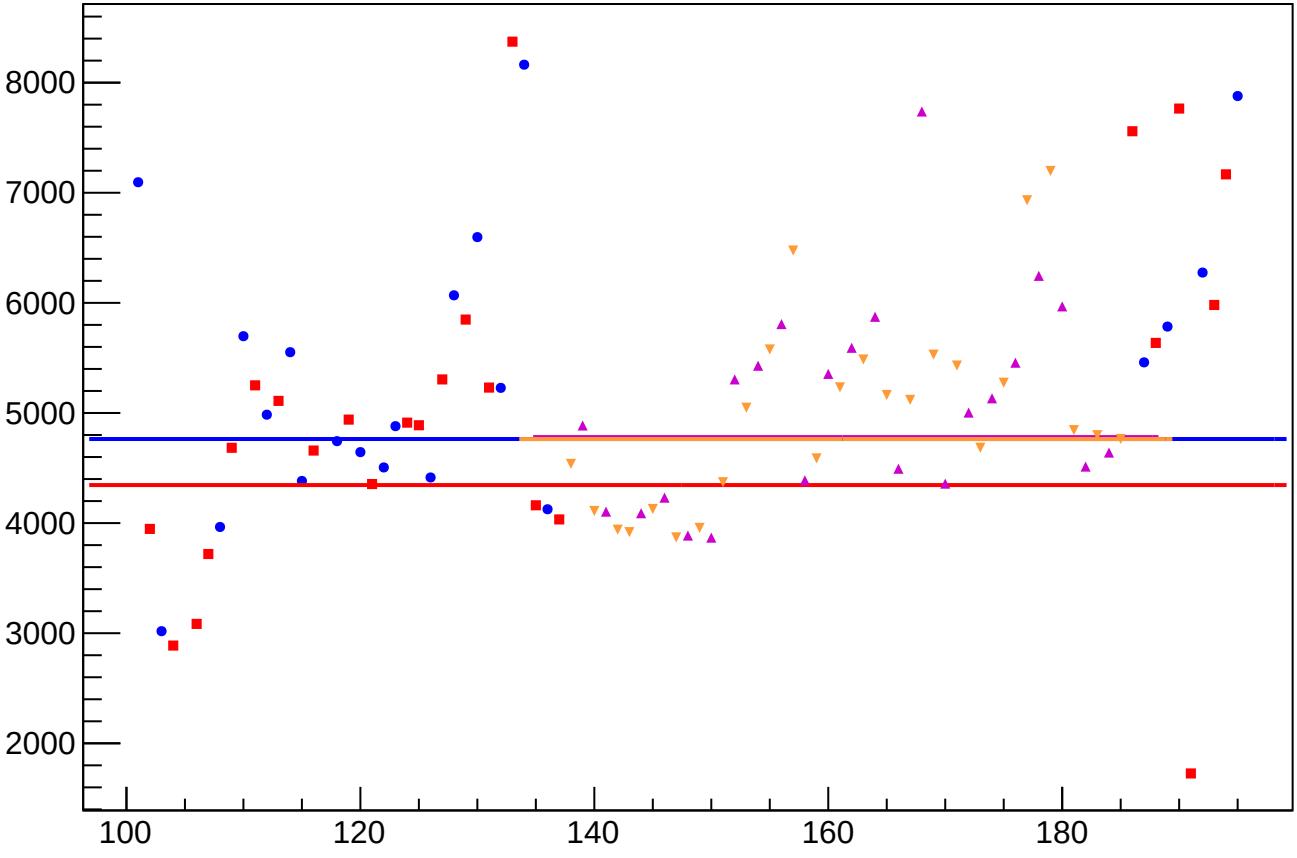
Right: -1776.648+/-1097.662 χ^2/NDF: 38.3/44

In: -834.627+/-953.698 χ^2/NDF:39.0/43

Out: 290.472+/-891.550 χ^2/NDF:45.3/48

All: -234.228+/-651.284 χ^2/NDF: 85.1/92

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4763.569+/-1.190 χ^2/NDF: 1150218.2/20

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

Right Out: 4345.352+/-1.019 χ^2/NDF: 2187638.5/23

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

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

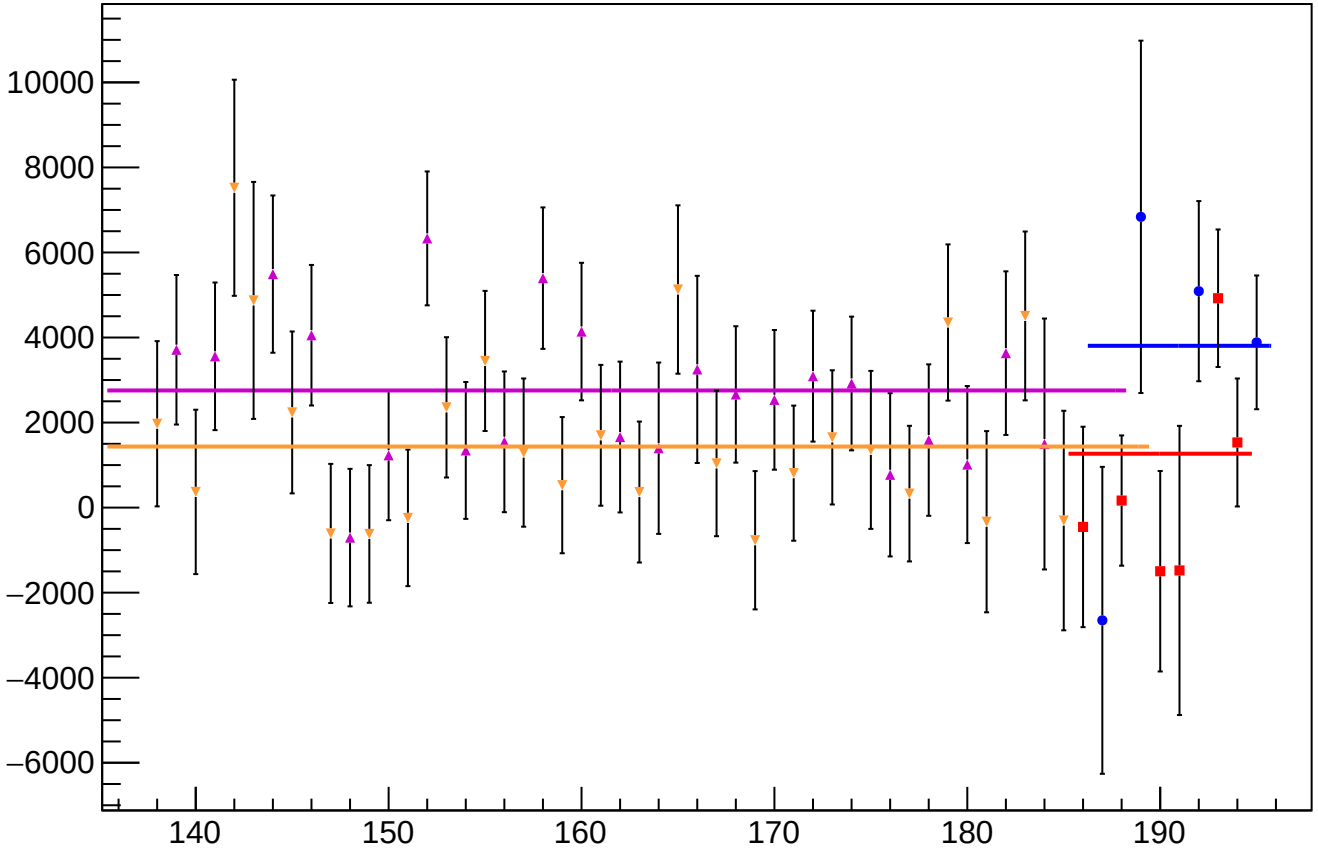
Right: 4522.291+/-0.774 χ^2/NDF: 3409056.5/44

In: 4775.524+/-0.674 χ^2/NDF:2101908.9/43

Out: 4603.906+/-0.629 χ^2/NDF:3233442.2/48

All: 4683.808+/-0.460 χ^2/NDF: 5369962.0/92

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3805.236+/-1145.438 χ^2/NDF: 4.1/3

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

Right Out: 1267.286+/-767.685 χ^2/NDF: 8.2/5

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

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

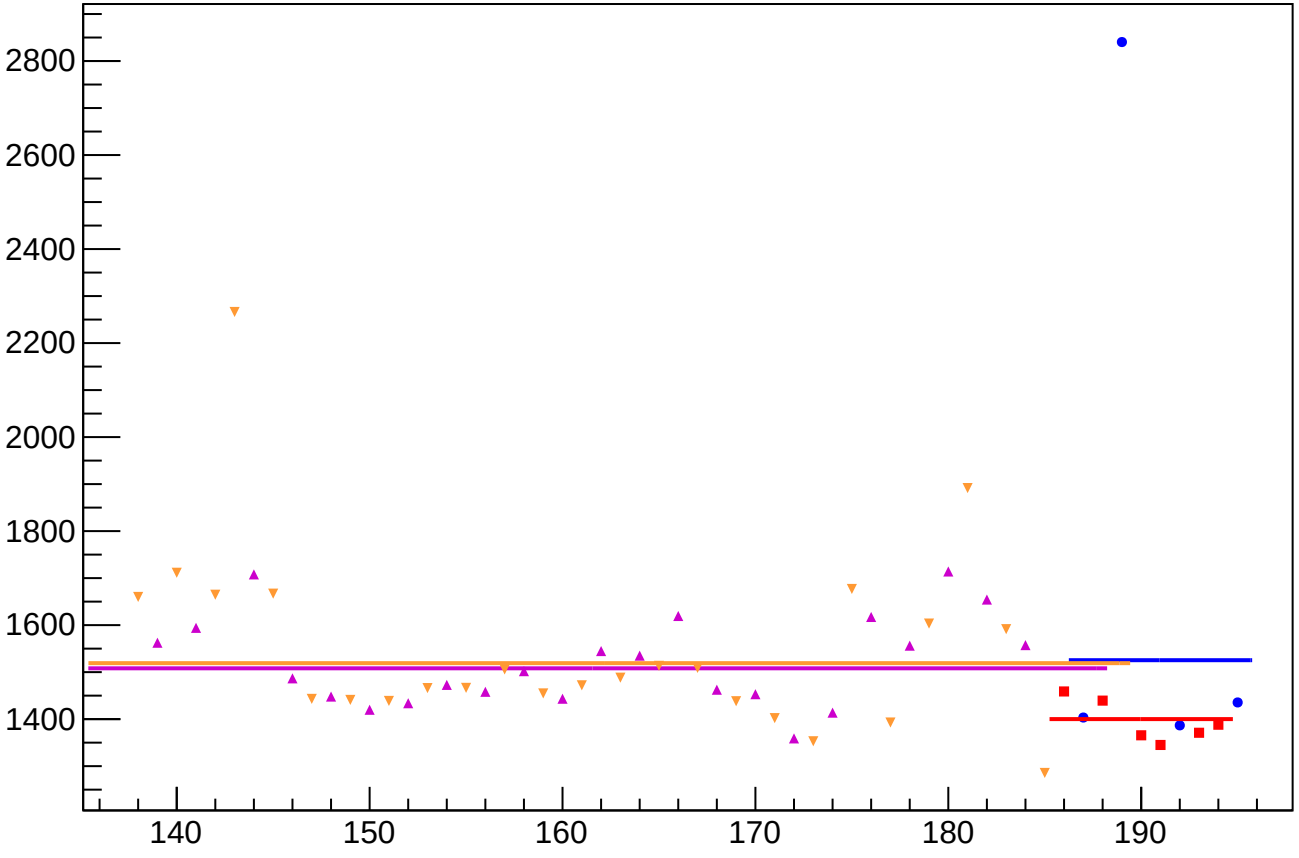
Right: 2053.938+/-637.707 χ^2/NDF: 15.7/9

In: 2850.112+/-344.888 χ^2/NDF:27.2/26

Out: 1405.431+/-324.587 χ^2/NDF:35.0/30

All: 2084.004+/-236.369 χ^2/NDF: 71.5/57

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1525.391+/-0.810 χ^2/NDF: 218830.1/3

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

Right Out: 1400.086+/-0.543 χ^2/NDF: 4285.7/5

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

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

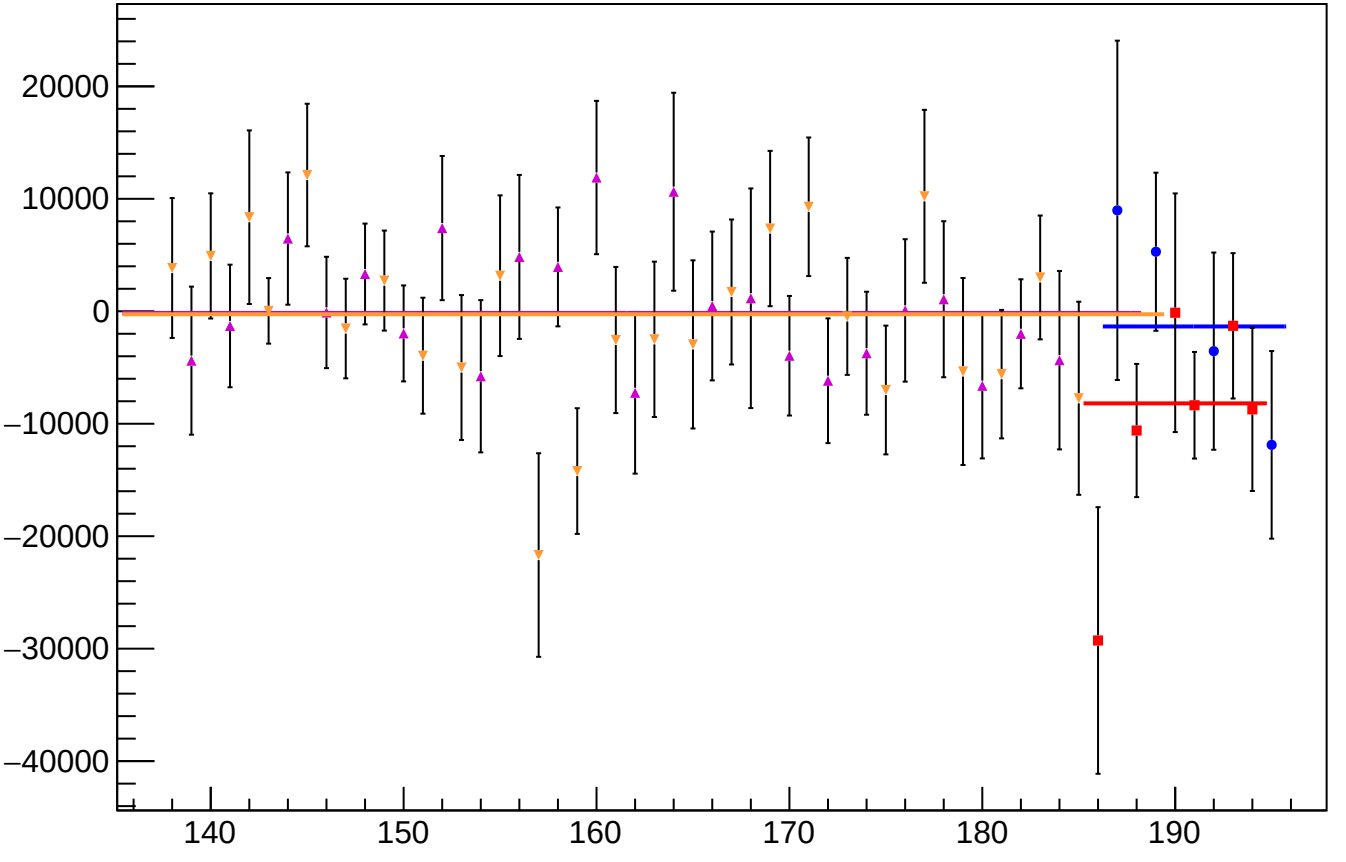
Right: 1438.925+/-0.451 χ^2/NDF: 239631.5/9

In: 1509.678+/-0.244 χ^2/NDF:350732.7/26

Out: 1497.817+/-0.230 χ^2/NDF:409594.7/30

All: 1503.388+/-0.167 χ^2/NDF: 761581.7/57

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1350.545+/-4384.901 χ^2/NDF: 3.0/3

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

Right Out: -8187.913+/-2752.871 χ^2/NDF: 5.1/5

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

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

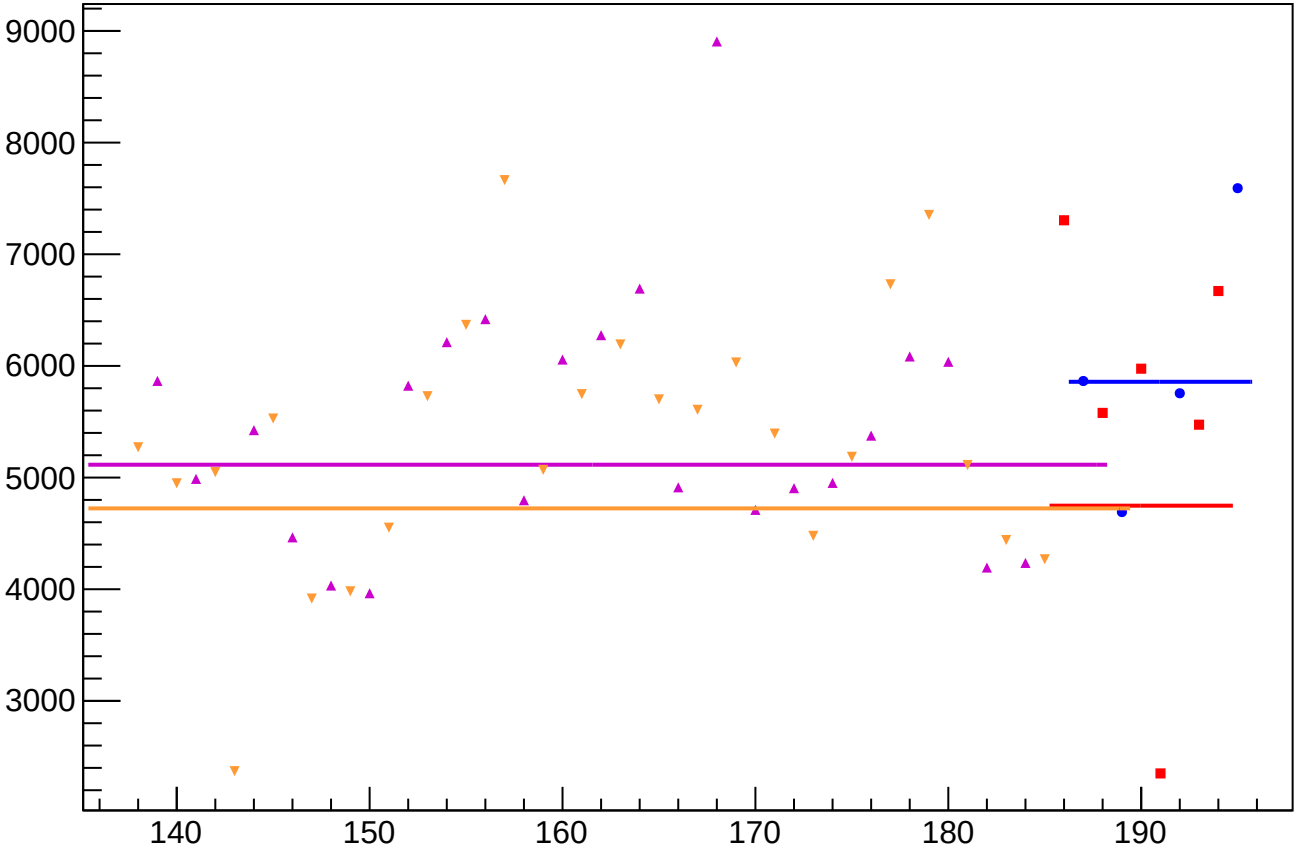
Right: -6254.903+/-2331.484 χ^2/NDF: 9.8/9

In: -240.284+/-1194.811 χ^2/NDF:17.9/26

Out: -1443.579+/-1062.010 χ^2/NDF:41.8/30

All: -912.494+/-793.771 χ^2/NDF: 60.3/57

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 5857.867+/-3.101 χ^2/NDF: 141784.1/3

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

Right Out: 4748.391+/-1.947 χ^2/NDF: 836442.3/5

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

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

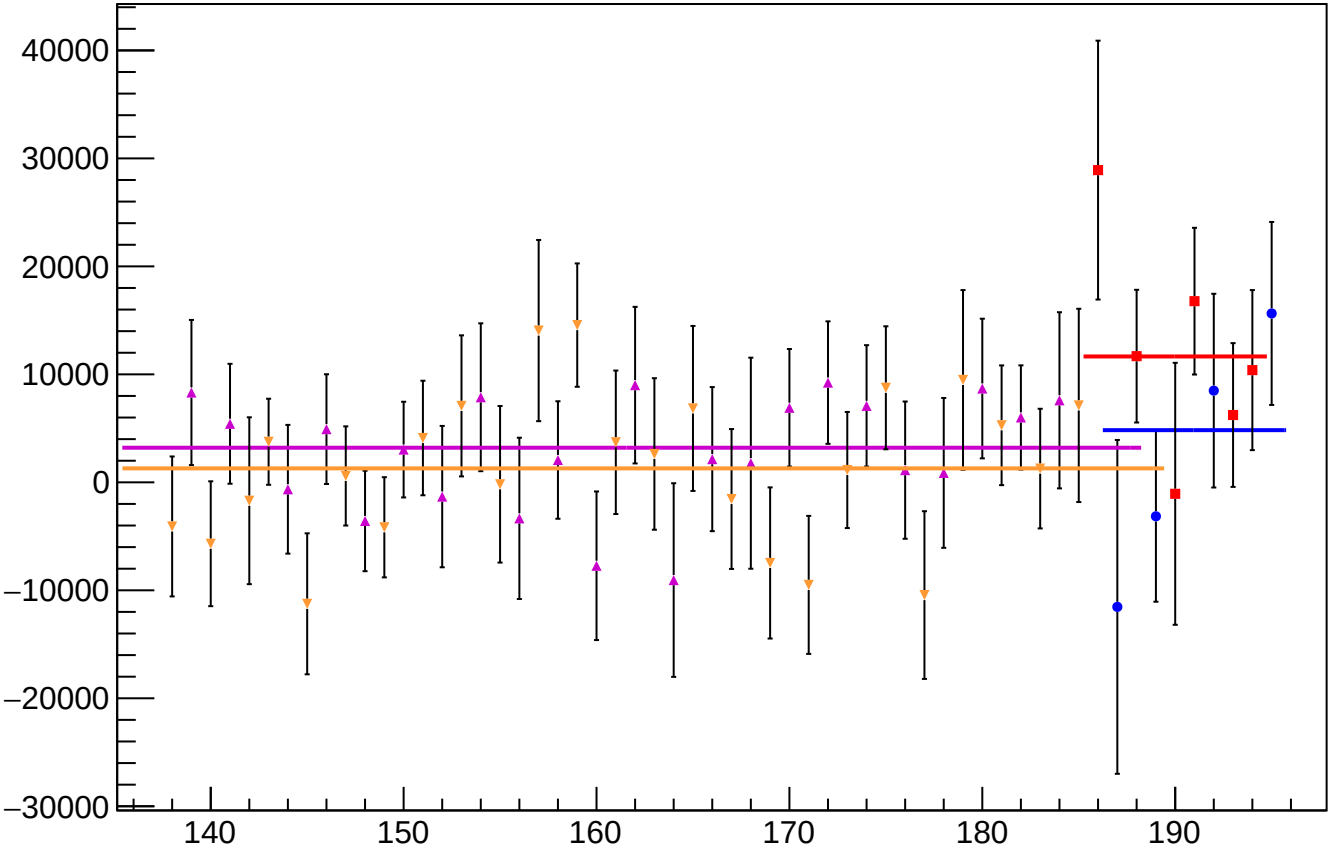
Right: 5062.054+/-1.649 χ^2/NDF: 1070067.9/9

In: 5170.285+/-0.845 χ^2/NDF:1326252.0/26

Out: 4727.653+/-0.751 χ^2/NDF:3374107.8/30

All: 4923.012+/-0.561 χ^2/NDF: 4853697.6/57

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4831.603+/-4636.274 χ^2/NDF: 3.9/3

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

Right Out: 11656.734+/-3120.692 χ^2/NDF: 4.4/5

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

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

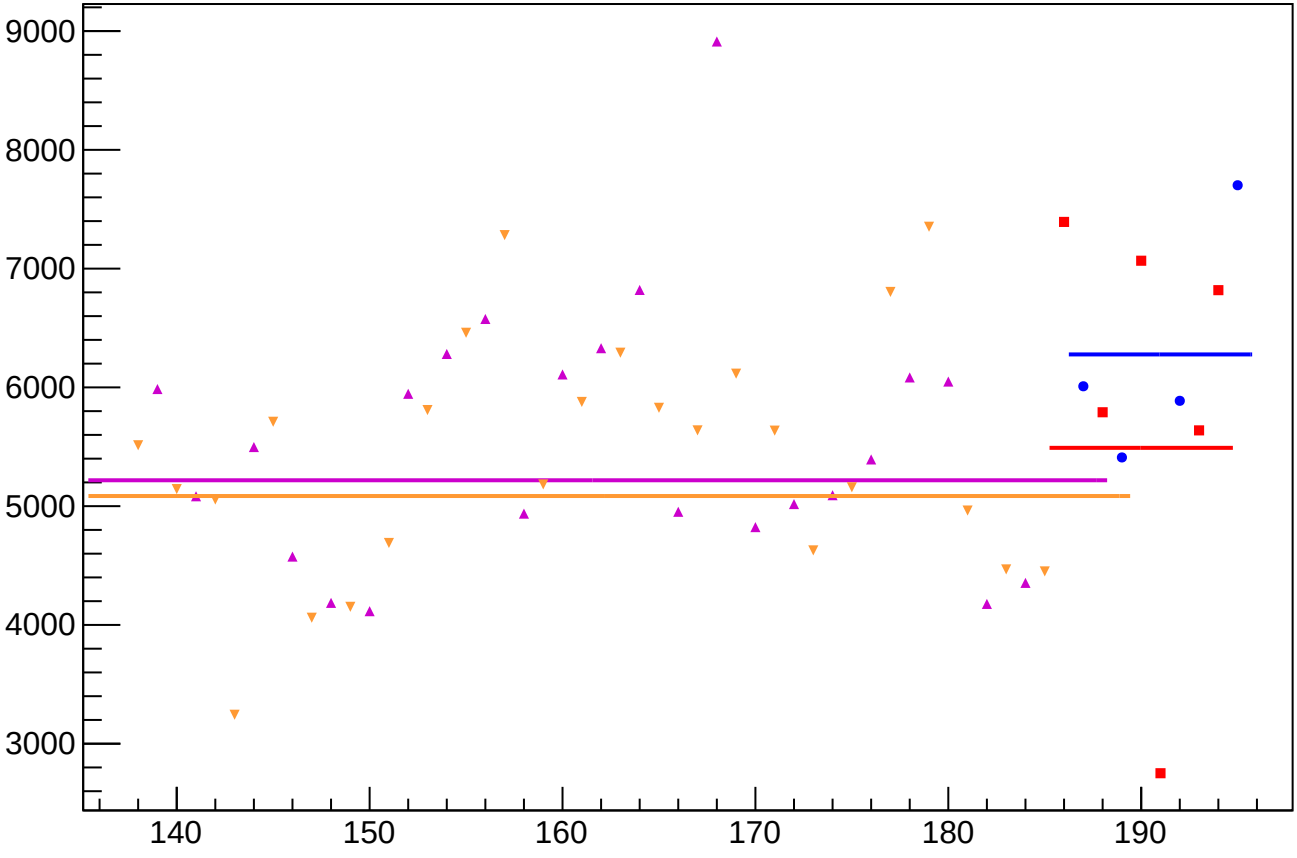
Right: 9528.650+/-2588.856 χ^2/NDF: 9.9/9

In: 3318.139+/-1220.915 χ^2/NDF:17.9/26

Out: 2658.010+/-1132.830 χ^2/NDF:41.8/30

All: 2963.405+/-830.428 χ^2/NDF: 59.9/57

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 6277.546+/-3.278 χ^2/NDF: 84959.0/3

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

Right Out: 5490.991+/-2.207 χ^2/NDF: 479285.2/5

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

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

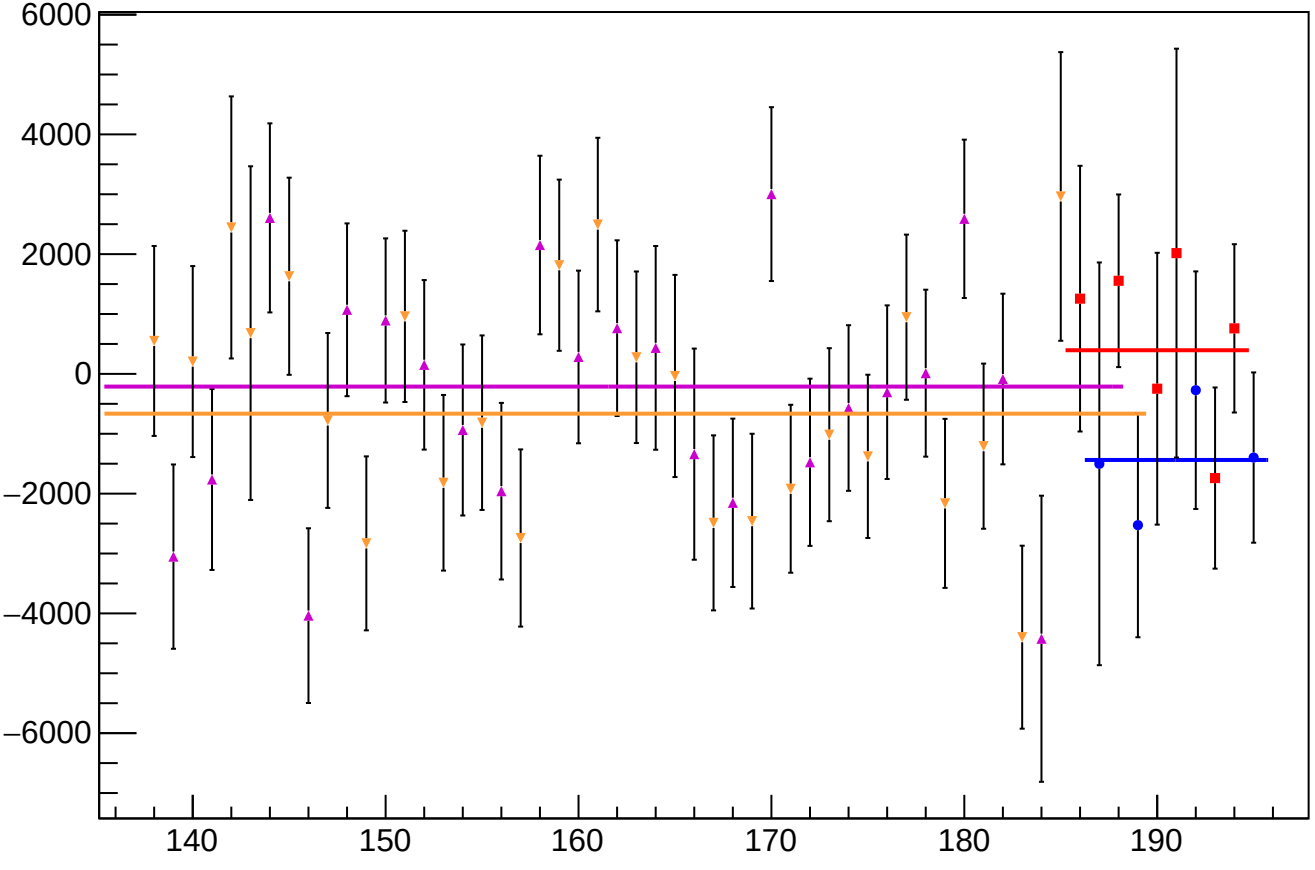
Right: 5736.239+/-1.831 χ^2/NDF: 603859.6/9

In: 5291.450+/-0.863 χ^2/NDF:1241172.2/26

Out: 5138.765+/-0.801 χ^2/NDF:1865329.0/30

All: 5209.402+/-0.587 χ^2/NDF: 3123309.6/57

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1437.492+/-943.976 χ^2/NDF: 0.7/3

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

Right Out: 394.905+/-724.086 χ^2/NDF: 3.2/5

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

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

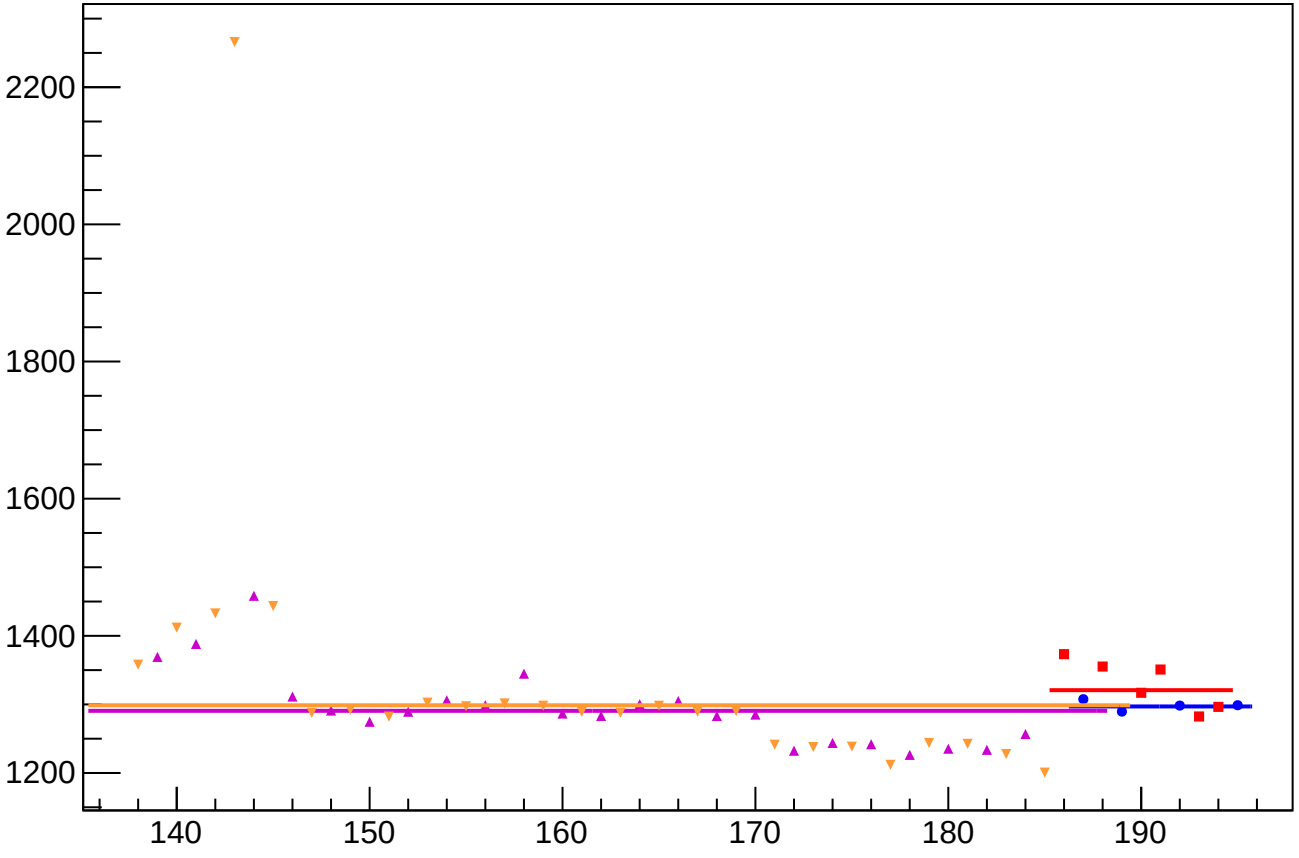
Right: -283.867+/-574.530 χ^2/NDF: 6.2/9

In: -330.389+/-293.321 χ^2/NDF:38.8/26

Out: -504.635+/-281.175 χ^2/NDF:39.6/30

All: -421.194+/-202.979 χ^2/NDF: 78.6/57

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1297.025+/-0.667 χ^2/NDF: 55.8/3

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

Right Out: 1320.759+/-0.512 χ^2/NDF: 4309.5/5

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

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

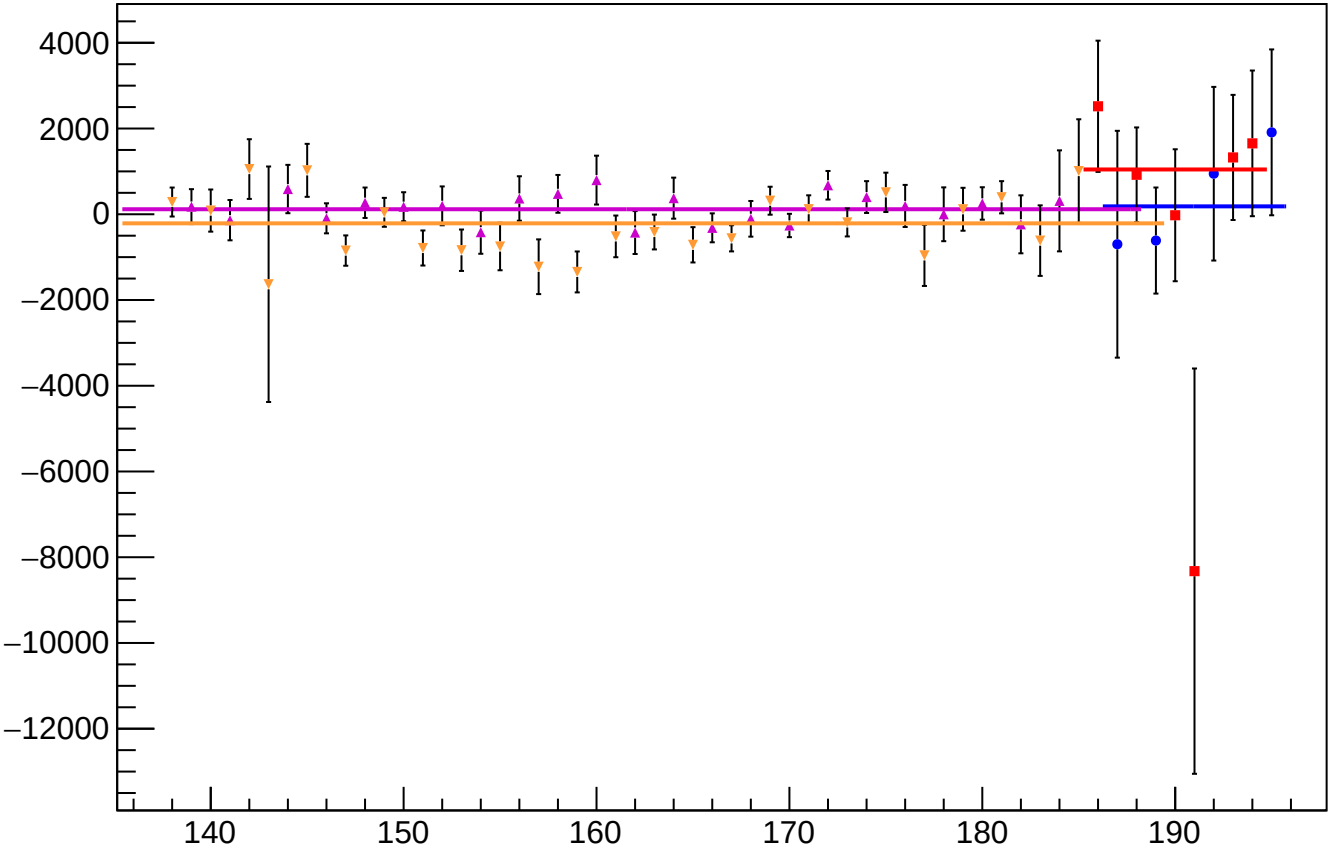
Right: 1311.967+/-0.406 χ^2/NDF: 5161.3/9

In: 1291.261+/-0.207 χ^2/NDF:59566.2/26

Out: 1302.063+/-0.199 χ^2/NDF:316224.4/30

All: 1296.890+/-0.144 χ^2/NDF: 377204.2/57

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 184.165+/-874.623 χ^2/NDF: 1.5/3

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

Right Out: 1044.884+/-628.779 χ^2/NDF: 5.5/5

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

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

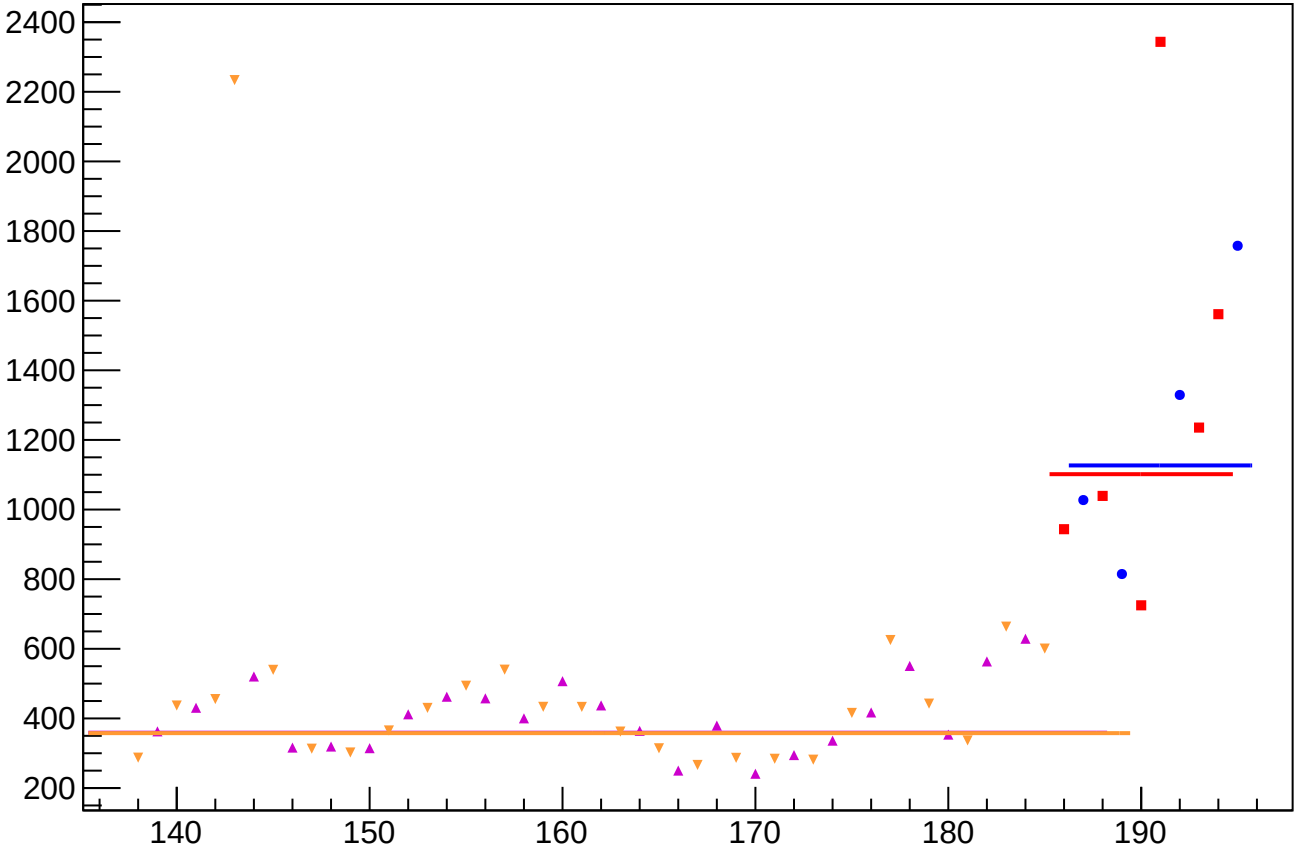
Right: 751.608+/-510.539 χ^2/NDF: 7.6/9

In: 117.788+/-87.769 χ^2/NDF:15.8/26

Out: -187.684+/-86.830 χ^2/NDF:51.1/30

All: -36.591+/-61.727 χ^2/NDF: 73.0/57

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1126.720+/-0.618 χ^2/NDF: 362743.7/3

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

Right Out: 1101.604+/-0.445 χ^2/NDF: 448748.0/5

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

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

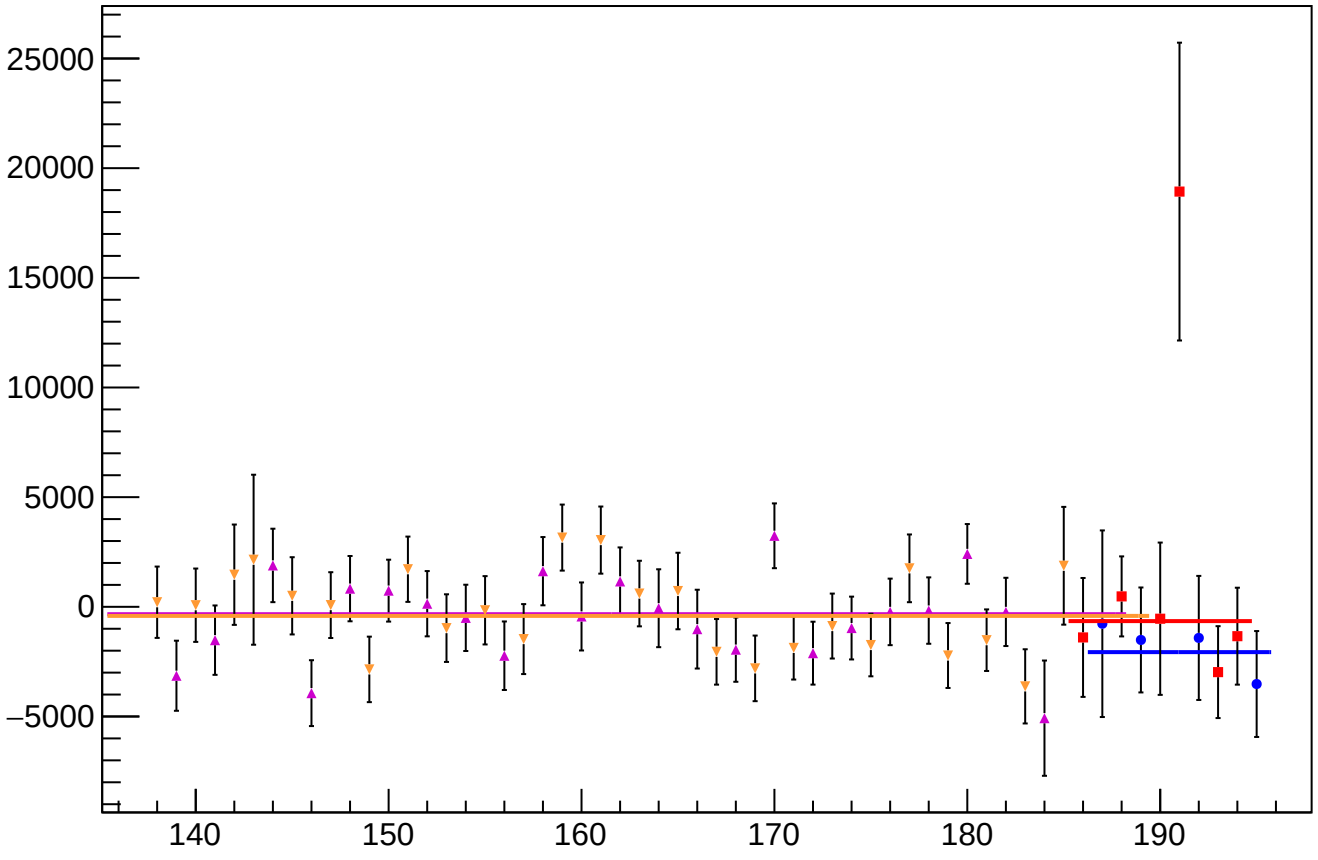
Right: 1110.162+/-0.361 χ^2/NDF: 812579.1/9

In: 366.731+/-0.062 χ^2/NDF:3747044.4/26

Out: 371.934+/-0.061 χ^2/NDF:6236469.4/30

All: 369.361+/-0.044 χ^2/NDF: 9987065.7/57

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2065.689+/-1378.162 χ^2/NDF: 0.6/3

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

Right Out: -651.170+/-1013.355 χ^2/NDF: 10.1/5

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

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

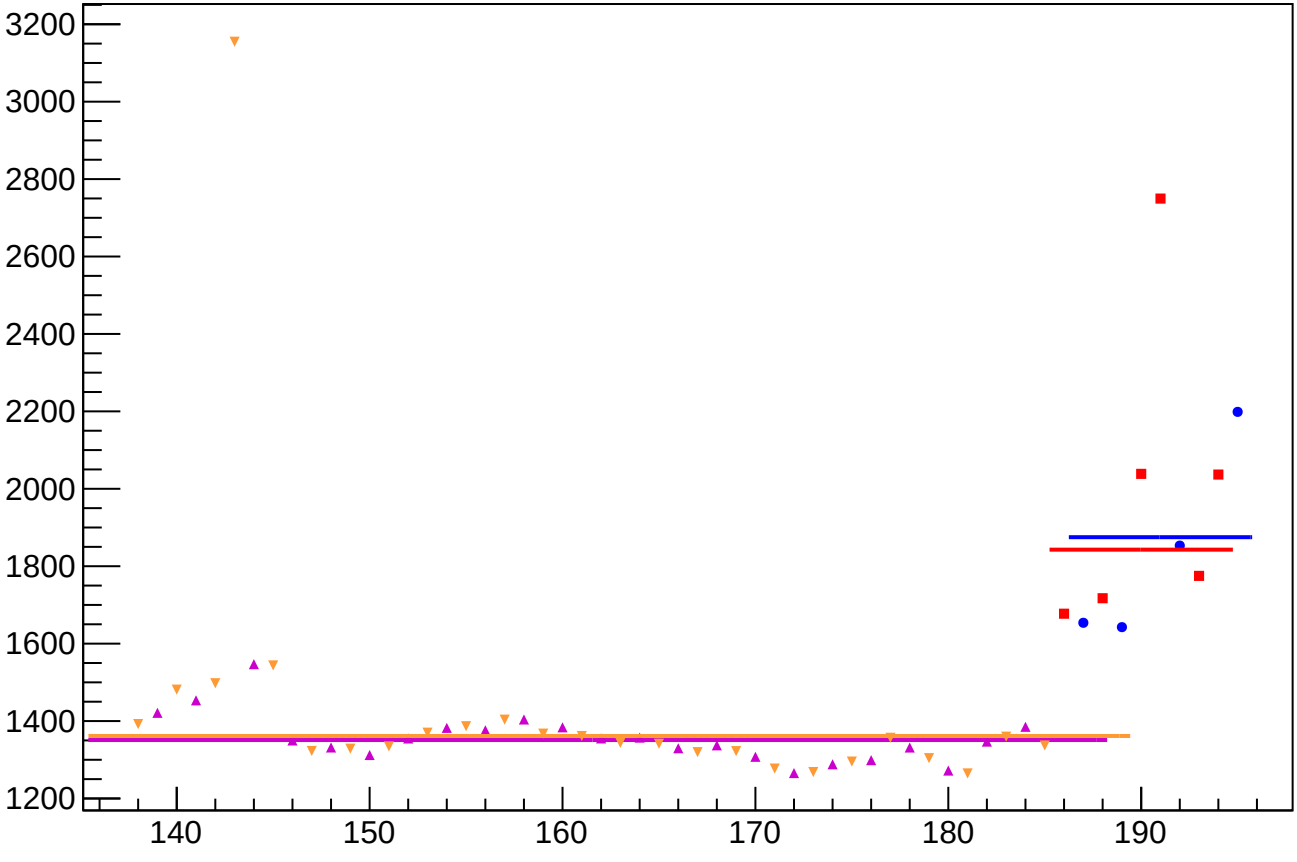
Right: -1147.562+/-816.410 χ^2/NDF: 11.4/9

In: -427.206+/-314.500 χ^2/NDF:34.8/26

Out: -435.050+/-305.734 χ^2/NDF:43.0/30

All: -431.239+/-219.220 χ^2/NDF: 77.8/57

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1874.977+/-0.975 χ^2/NDF: 60336.7/3

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

Right Out: 1842.784+/-0.717 χ^2/NDF: 76461.7/5

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

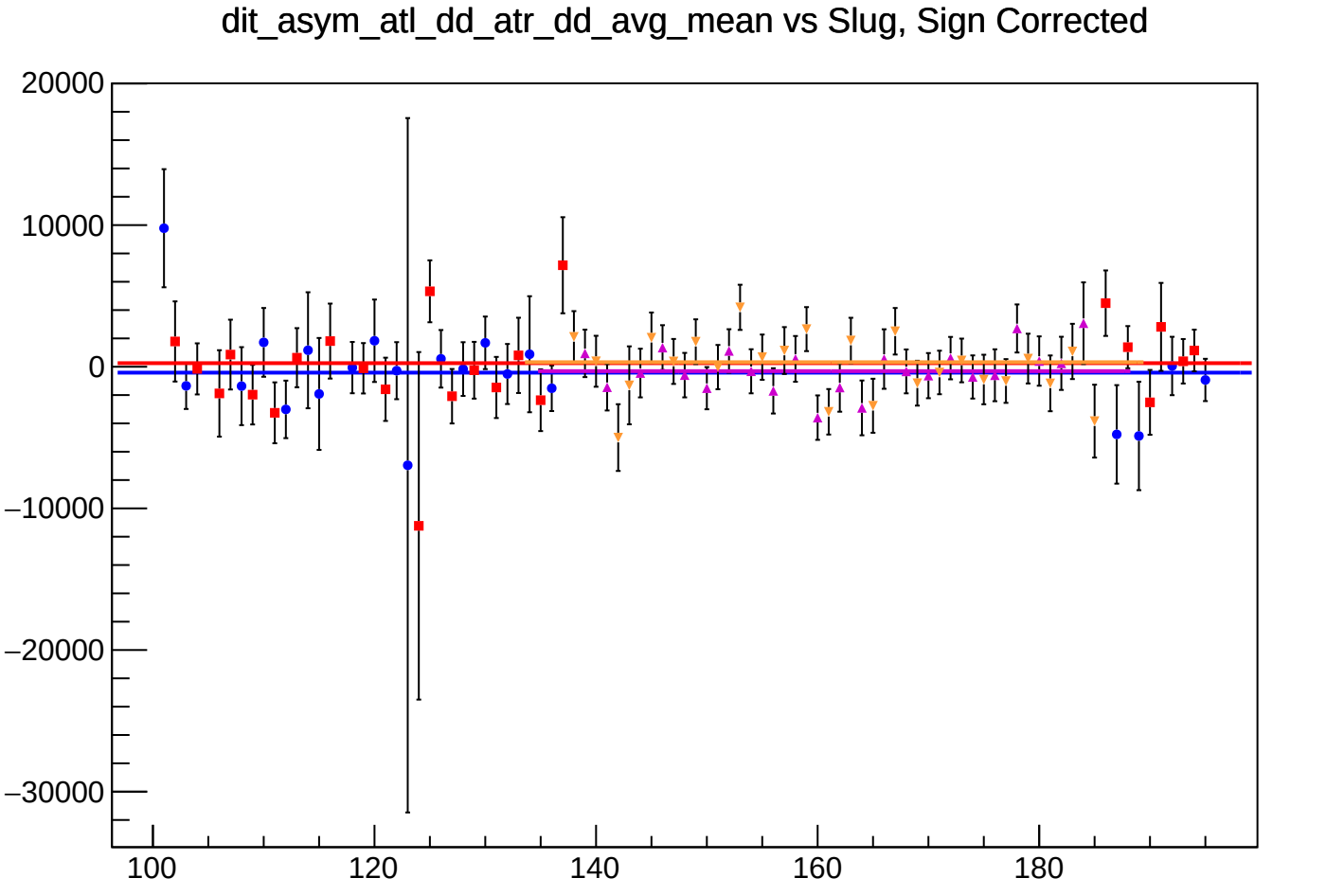
Left: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

Right: 1854.082+/-0.577 χ^2/NDF: 137506.7/9

In: 1378.299+/-0.222 χ^2/NDF:403350.1/26

Out: 1405.319+/-0.216 χ^2/NDF:994387.7/30

All: 1392.190+/-0.155 χ^2/NDF: 1405327.8/57



Right In: -416.728+/-494.734 χ^2/NDF: 15.1/20

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

Right Out: 252.338+/-437.487 χ^2/NDF: 26.3/23

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

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

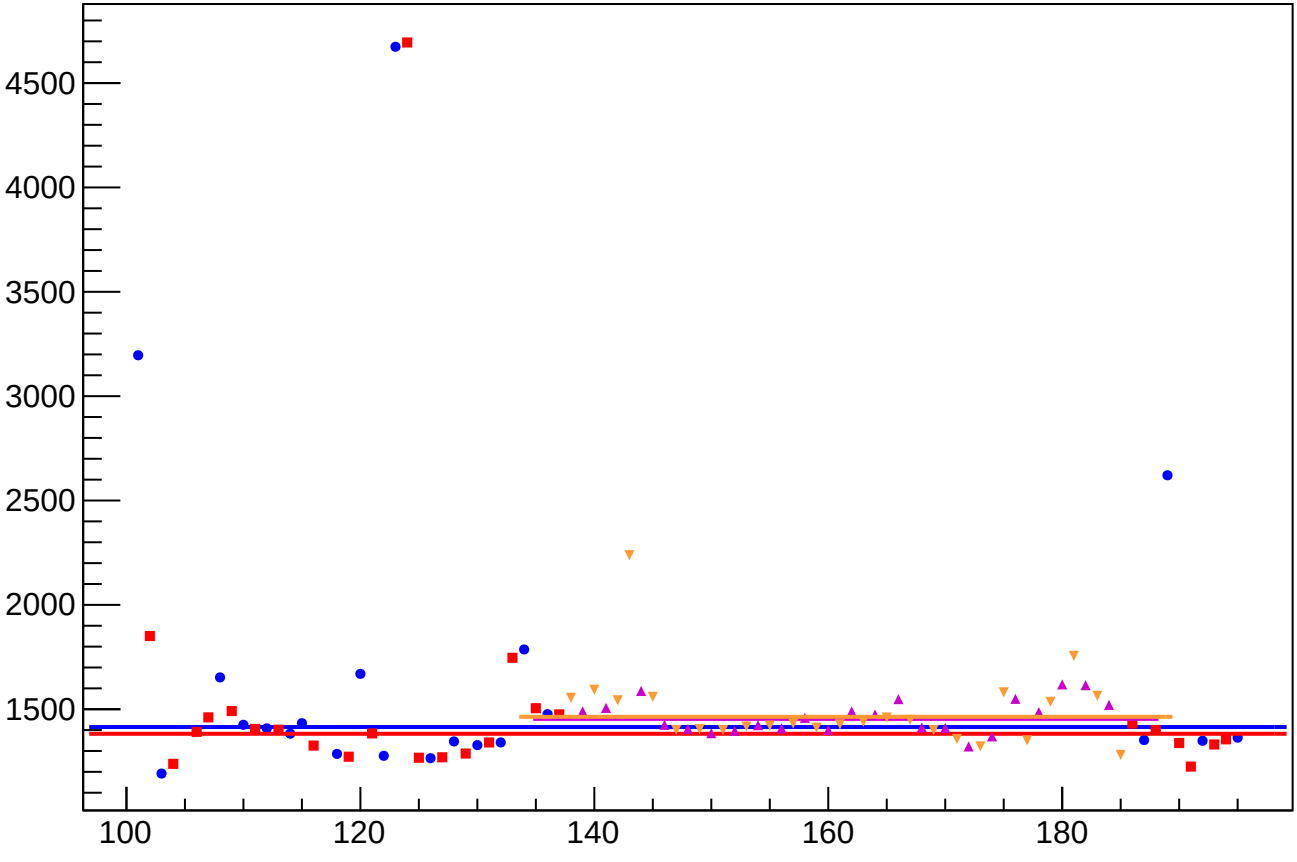
Right: -41.263+/-327.730 χ^2/NDF: 42.4/44

In: -345.924+/-284.796 χ^2/NDF:31.9/43

Out: 294.125+/-270.727 χ^2/NDF:58.8/48

All: -9.700+/-196.218 χ^2/NDF: 93.3/92

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1414.657+/-0.350 χ^2/NDF: 730805.8/20

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

Right Out: 1382.387+/-0.309 χ^2/NDF: 302450.1/23

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

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

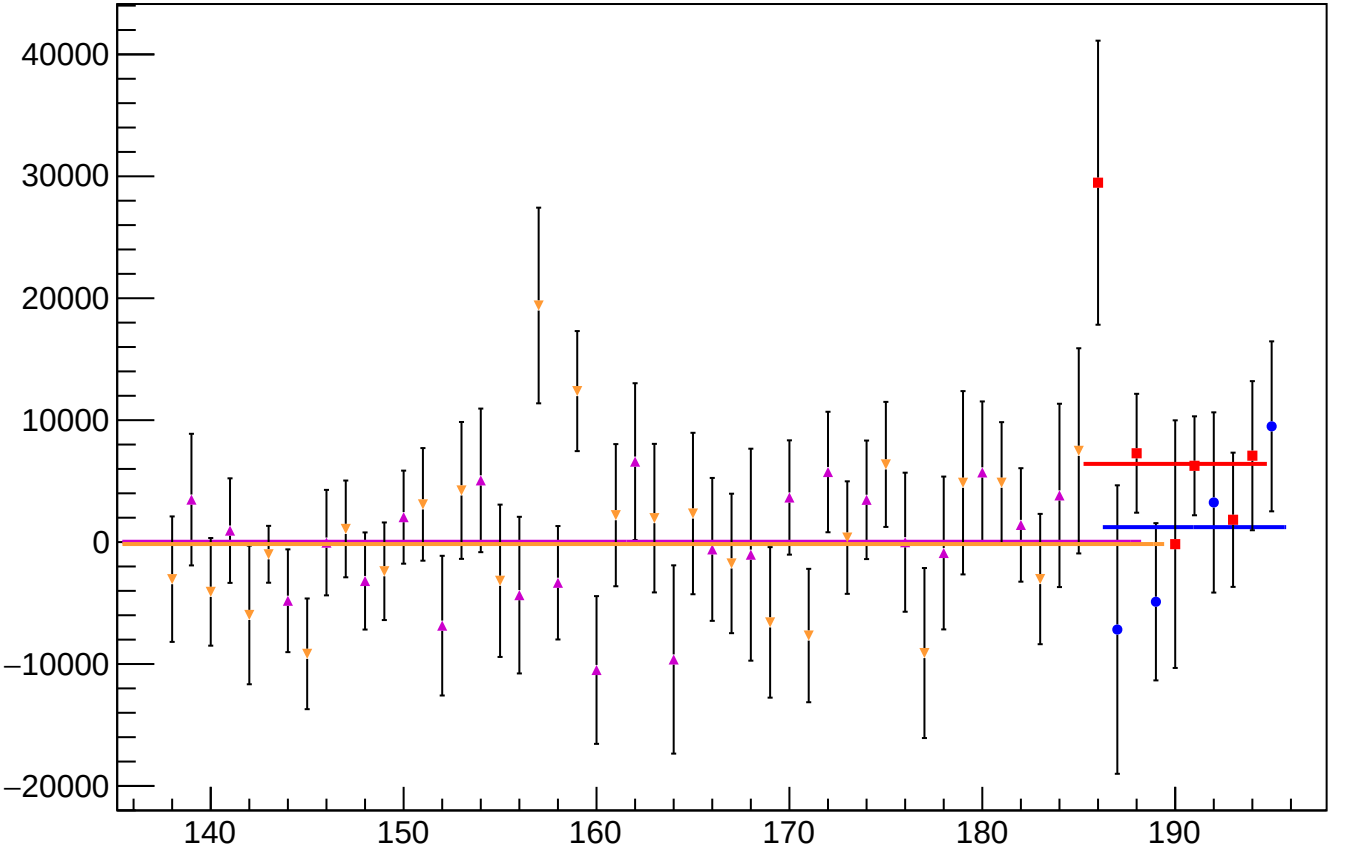
Right: 1396.542+/-0.232 χ^2/NDF: 1038032.6/44

In: 1440.804+/-0.201 χ^2/NDF:838385.0/43

Out: 1432.556+/-0.191 χ^2/NDF:655608.2/48

All: 1436.471+/-0.139 χ^2/NDF: 1494874.5/92

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1226.519+/-3777.611 χ^2/NDF: 2.9/3

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

Right Out: 6414.115+/-2359.558 χ^2/NDF: 5.1/5

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

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

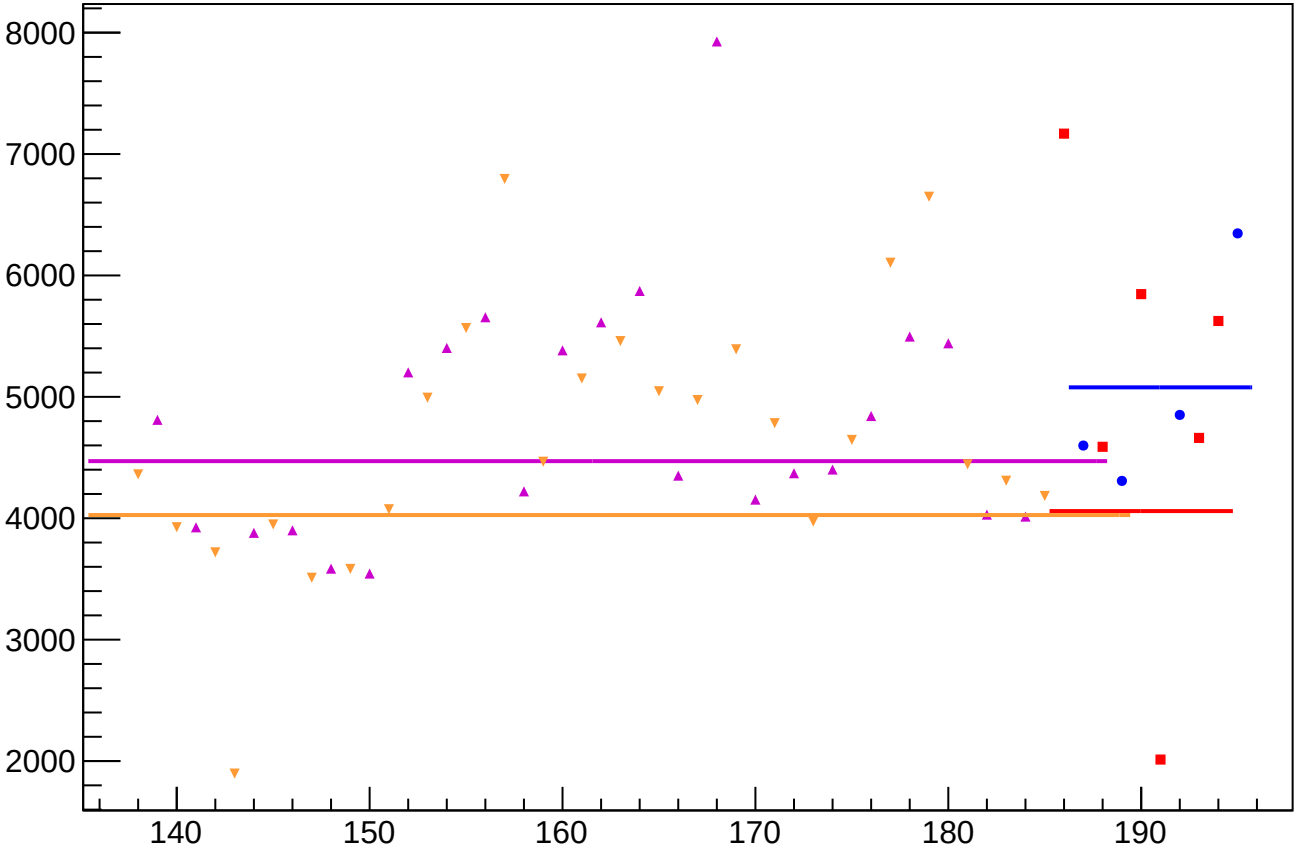
Right: 4958.212+/-2001.246 χ^2/NDF: 9.3/9

In: 118.409+/-1043.206 χ^2/NDF:18.3/26

Out: 822.863+/-912.391 χ^2/NDF:41.4/30

All: 517.549+/-686.779 χ^2/NDF: 59.9/57

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 5078.181+/-2.671 χ^2/NDF: 99917.3/3

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

Right Out: 4059.106+/-1.668 χ^2/NDF: 891809.2/5

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

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

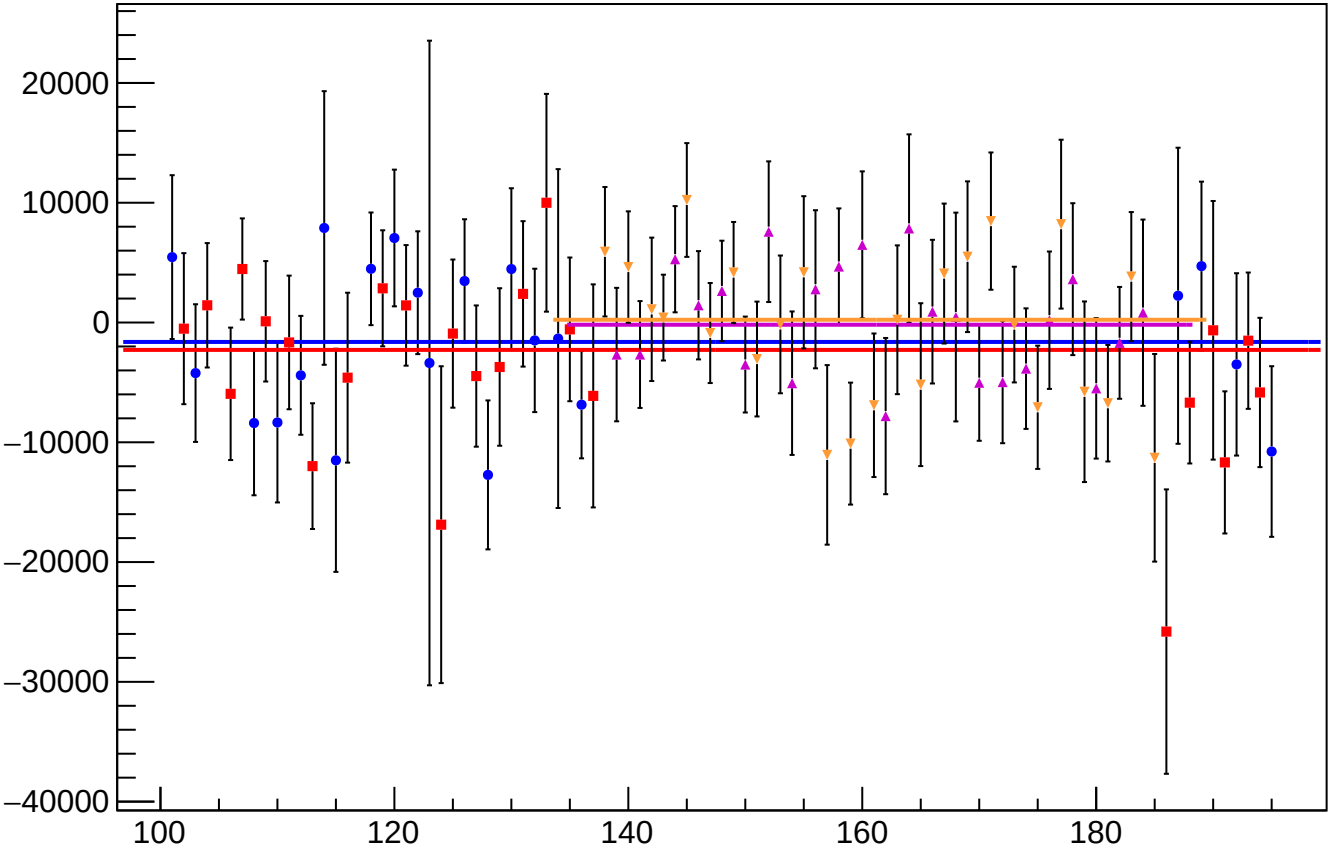
Right: 4345.110+/-1.415 χ^2/NDF: 1096426.6/9

In: 4516.834+/-0.738 χ^2/NDF:1280221.5/26

Out: 4031.330+/-0.645 χ^2/NDF:3963400.1/30

All: 4241.750+/-0.486 χ^2/NDF: 5489062.8/57

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1622.124+/-1402.216 χ^2/NDF: 19.3/20

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

Right Out: -2286.391+/-1228.429 χ^2/NDF: 20.7/23

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

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

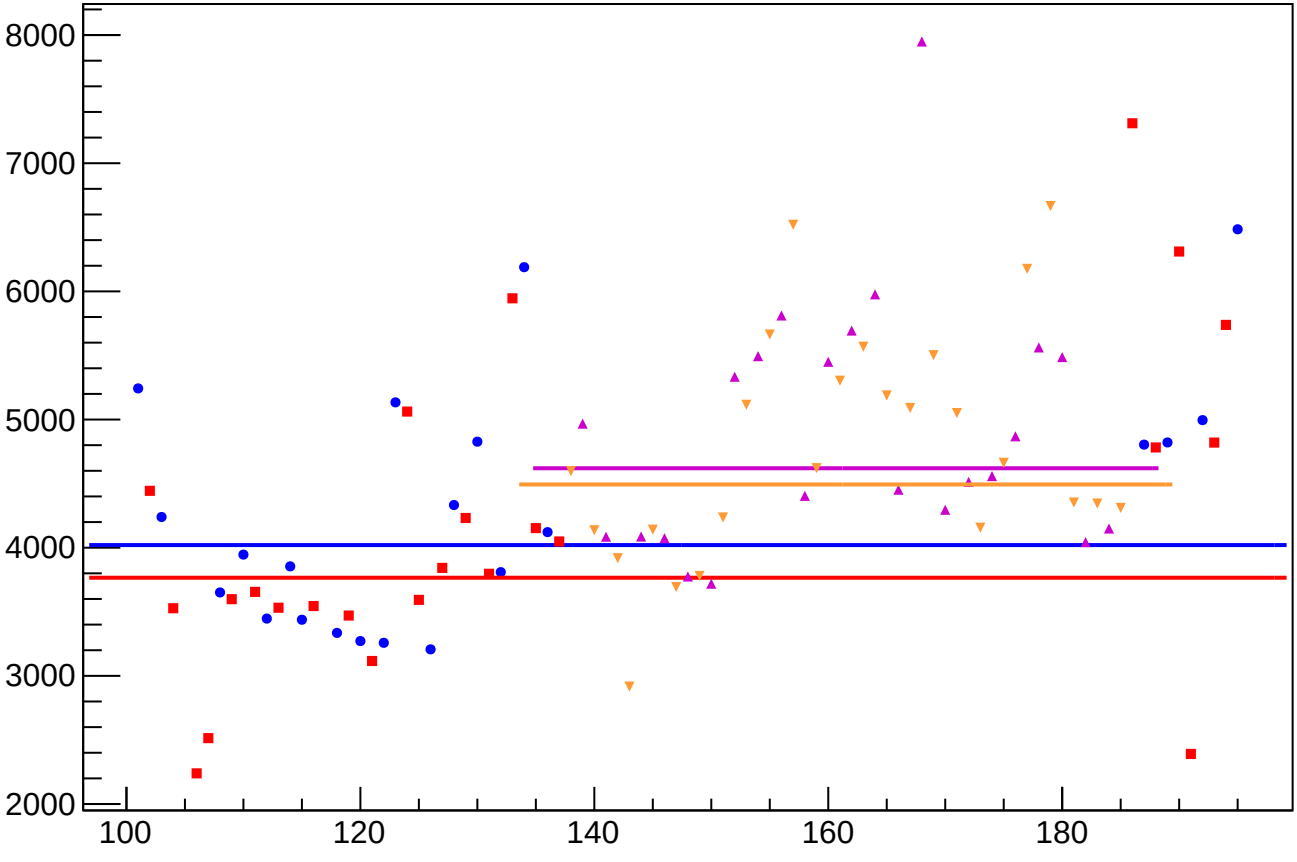
Right: -1997.950+/-924.000 χ^2/NDF: 40.1/44

In: -744.489+/-874.776 χ^2/NDF:34.2/43

Out: -859.688+/-808.351 χ^2/NDF:51.2/48

All: -806.628+/-593.687 χ^2/NDF: 85.4/92

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4020.514+/-0.991 χ^2/NDF: 674115.2/20

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

Right Out: 3765.723+/-0.862 χ^2/NDF: 1352658.6/23

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

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

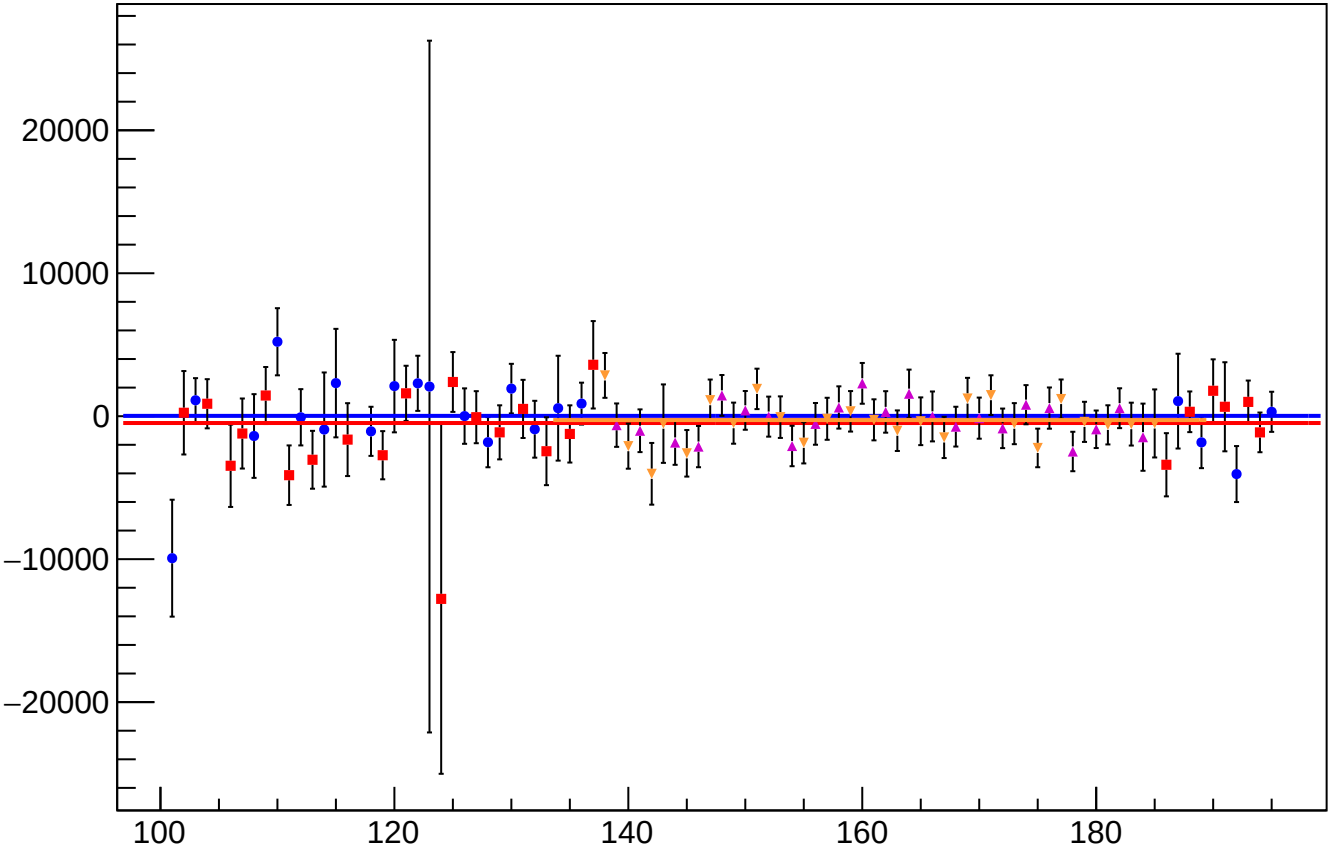
Right: 3875.454+/-0.651 χ^2/NDF: 2064370.7/44

In: 4386.649+/-0.619 χ^2/NDF:1899338.5/43

Out: 4175.661+/-0.570 χ^2/NDF:3062883.6/48

All: 4272.512+/-0.419 χ^2/NDF: 5025162.4/92

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 23.476+/-458.603 χ^2/NDF: 22.6/20

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

Right Out: -476.533+/-414.806 χ^2/NDF: 21.0/23

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

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

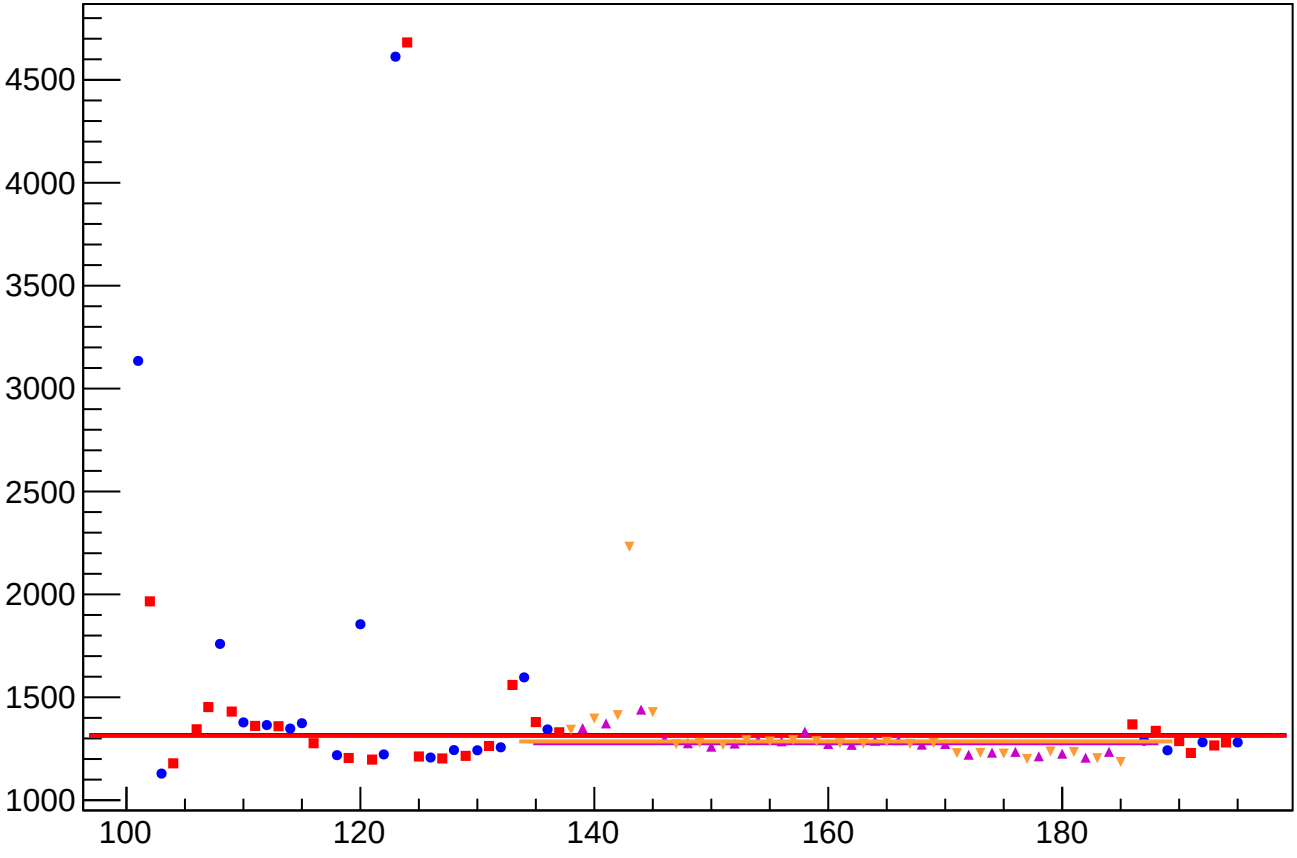
Right: -251.538+/-307.634 χ^2/NDF: 44.2/44

In: -171.764+/-254.130 χ^2/NDF:38.8/43

Out: -341.901+/-244.164 χ^2/NDF:43.3/48

All: -260.234+/-176.068 χ^2/NDF: 82.4/92

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1316.323+/-0.324 χ^2/NDF: 610389.7/20

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

Right Out: 1312.346+/-0.293 χ^2/NDF: 344578.4/23

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

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

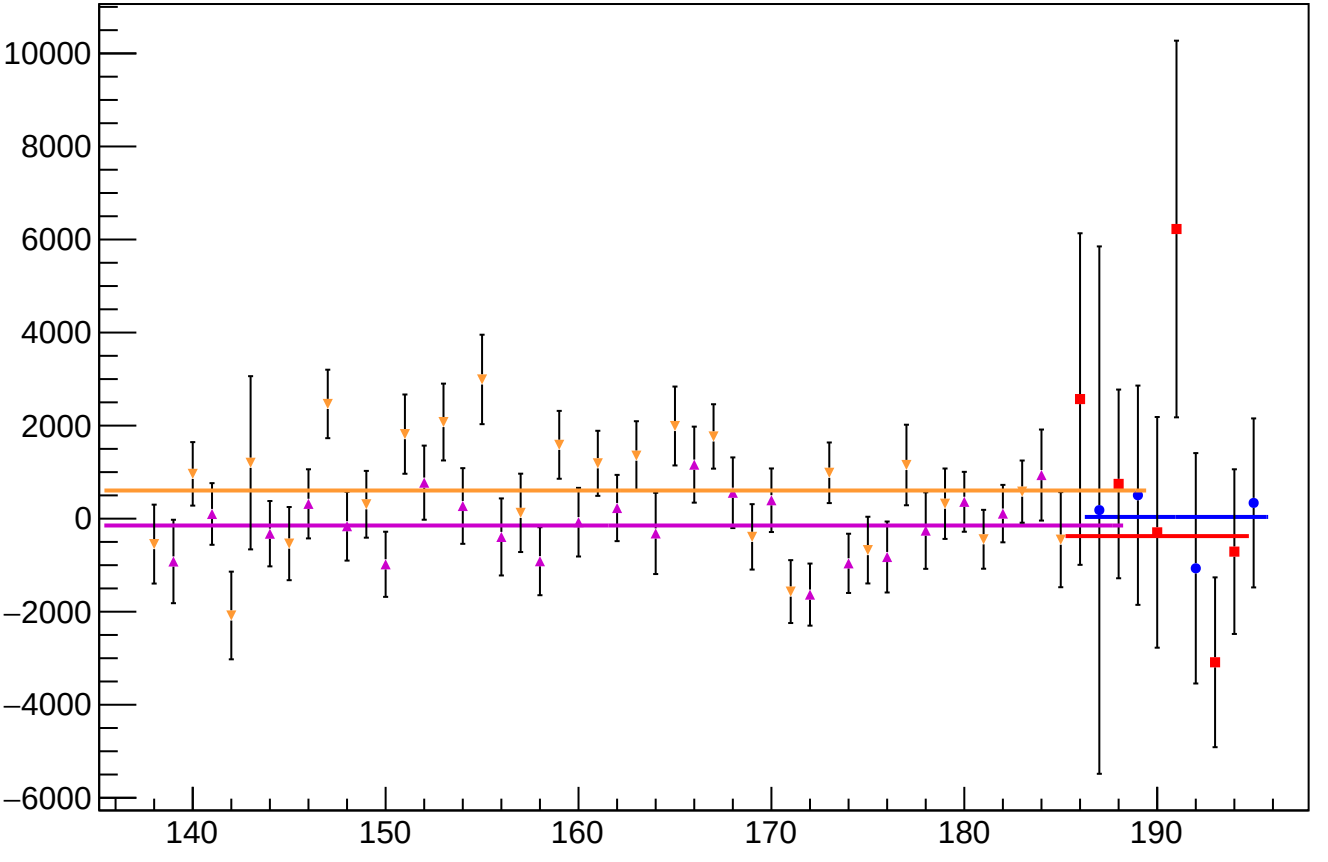
Right: 1314.135+/-0.218 χ^2/NDF: 955050.8/44

In: 1288.905+/-0.180 χ^2/NDF:680140.5/43

Out: 1294.850+/-0.173 χ^2/NDF:656080.3/48

All: 1291.997+/-0.124 χ^2/NDF: 1336789.8/92

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 36.831+/-1215.043 χ^2/NDF: 0.3/3

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

Right Out: -375.140+/-926.457 χ^2/NDF: 5.9/5

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

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

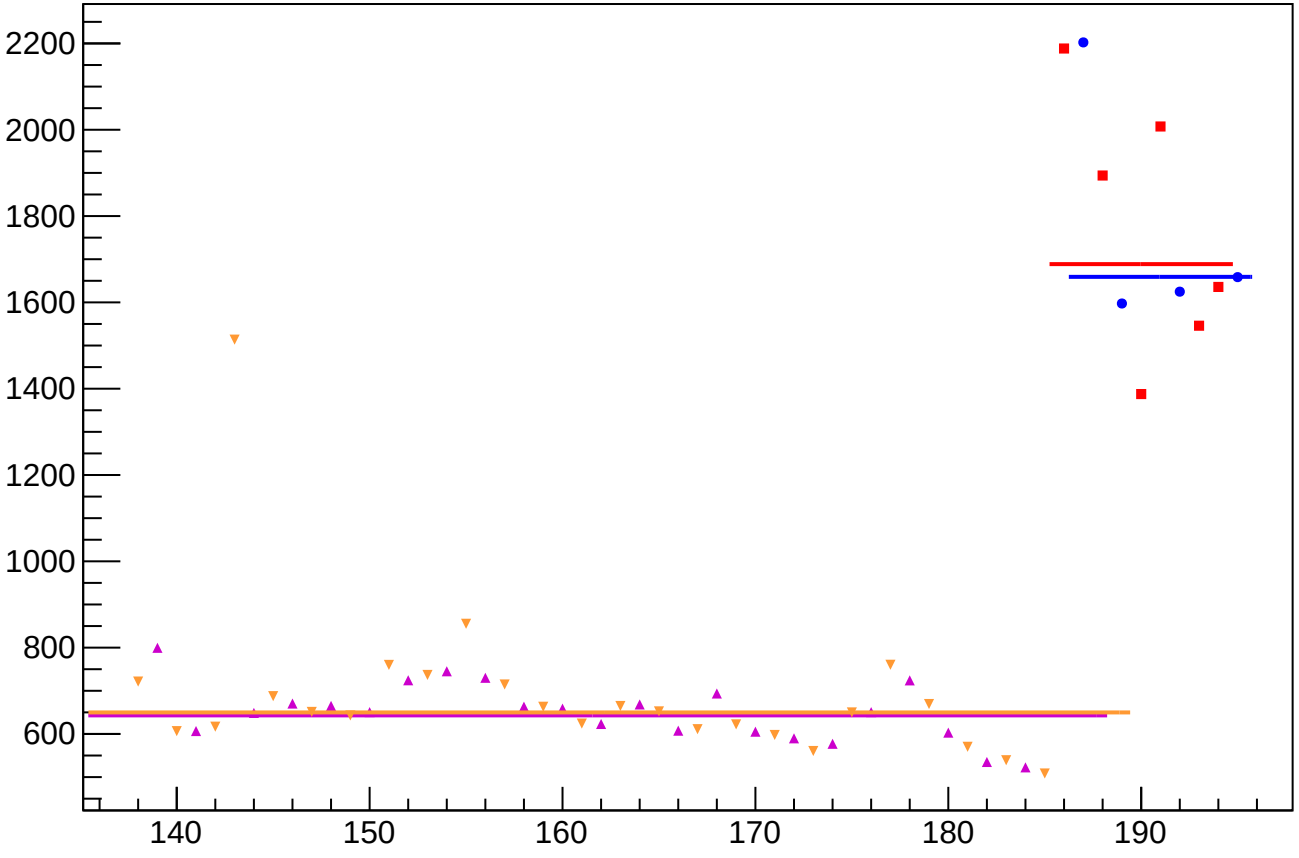
Right: -223.681+/-736.726 χ^2/NDF: 6.2/9

In: -144.135+/-152.828 χ^2/NDF:19.6/26

Out: 578.834+/-151.841 χ^2/NDF:67.0/30

All: 219.692+/-107.715 χ^2/NDF: 97.9/57

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1659.150+/-0.859 χ^2/NDF: 20130.0/3

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

Right Out: 1688.655+/-0.655 χ^2/NDF: 115727.9/5

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

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

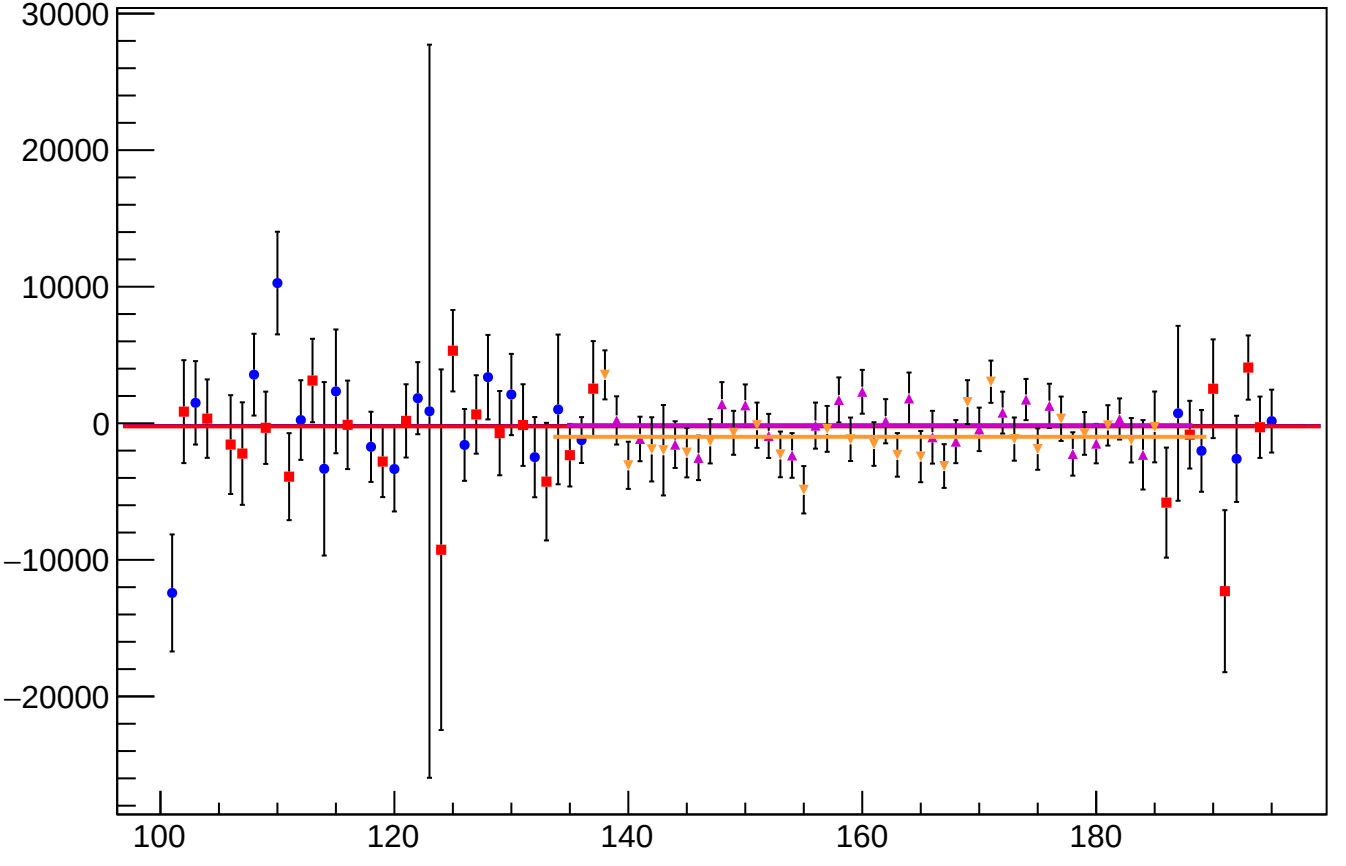
Right: 1677.808+/-0.521 χ^2/NDF: 136603.8/9

In: 659.084+/-0.108 χ^2/NDF:1720644.5/26

Out: 677.769+/-0.107 χ^2/NDF:3403408.3/30

All: 668.487+/-0.076 χ^2/NDF: 5139098.3/57

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -198.925+/-670.197 χ^2/NDF: 24.6/20

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

Right Out: -224.422+/-624.868 χ^2/NDF: 20.5/23

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

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

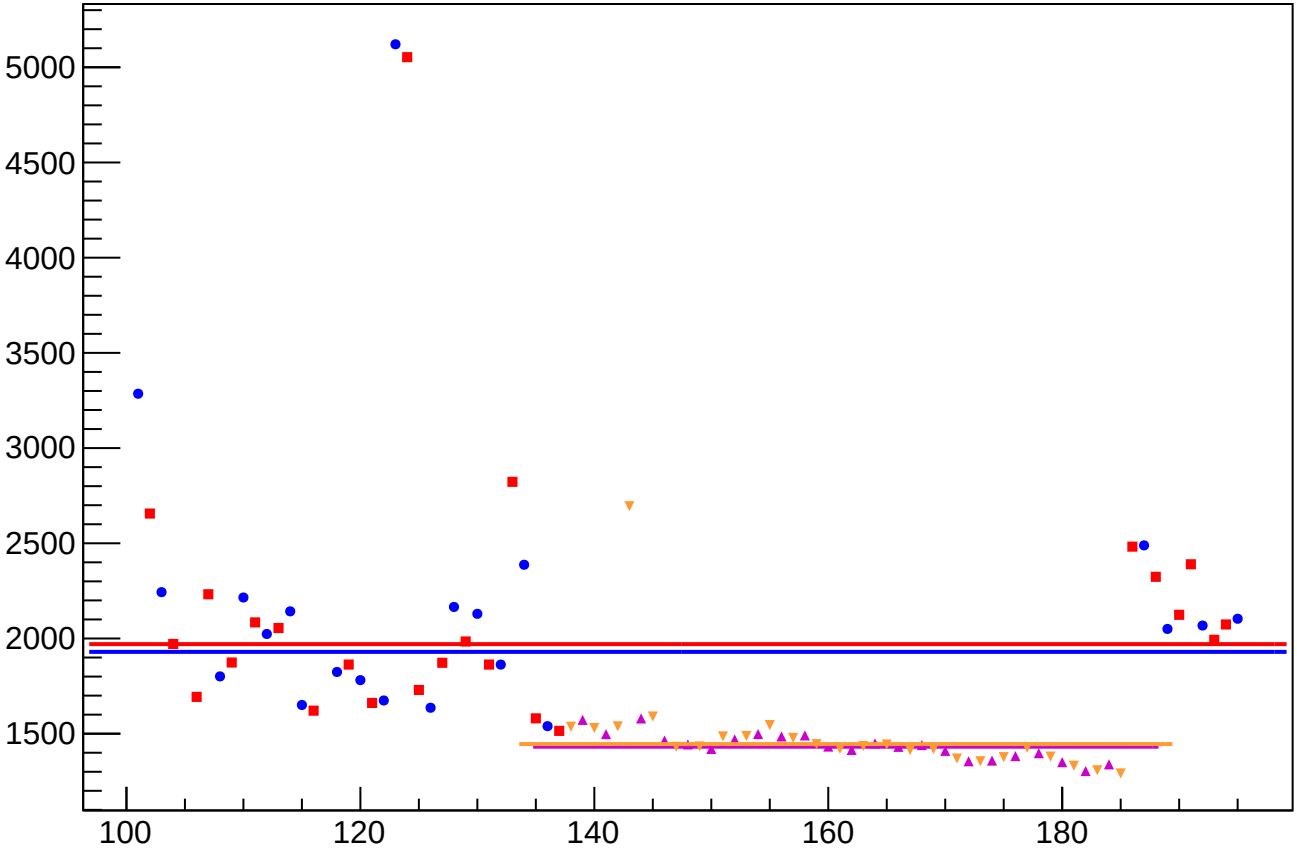
Right: -212.565+/-457.034 χ^2/NDF: 45.1/44

In: -150.428+/-304.814 χ^2/NDF:43.4/43

Out: -813.186+/-298.488 χ^2/NDF:50.2/48

All: -488.756+/-213.264 χ^2/NDF: 96.0/92

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1929.751+/-0.474 χ^2/NDF: 505621.0/20

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

Right Out: 1970.384+/-0.442 χ^2/NDF: 536269.1/23

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

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

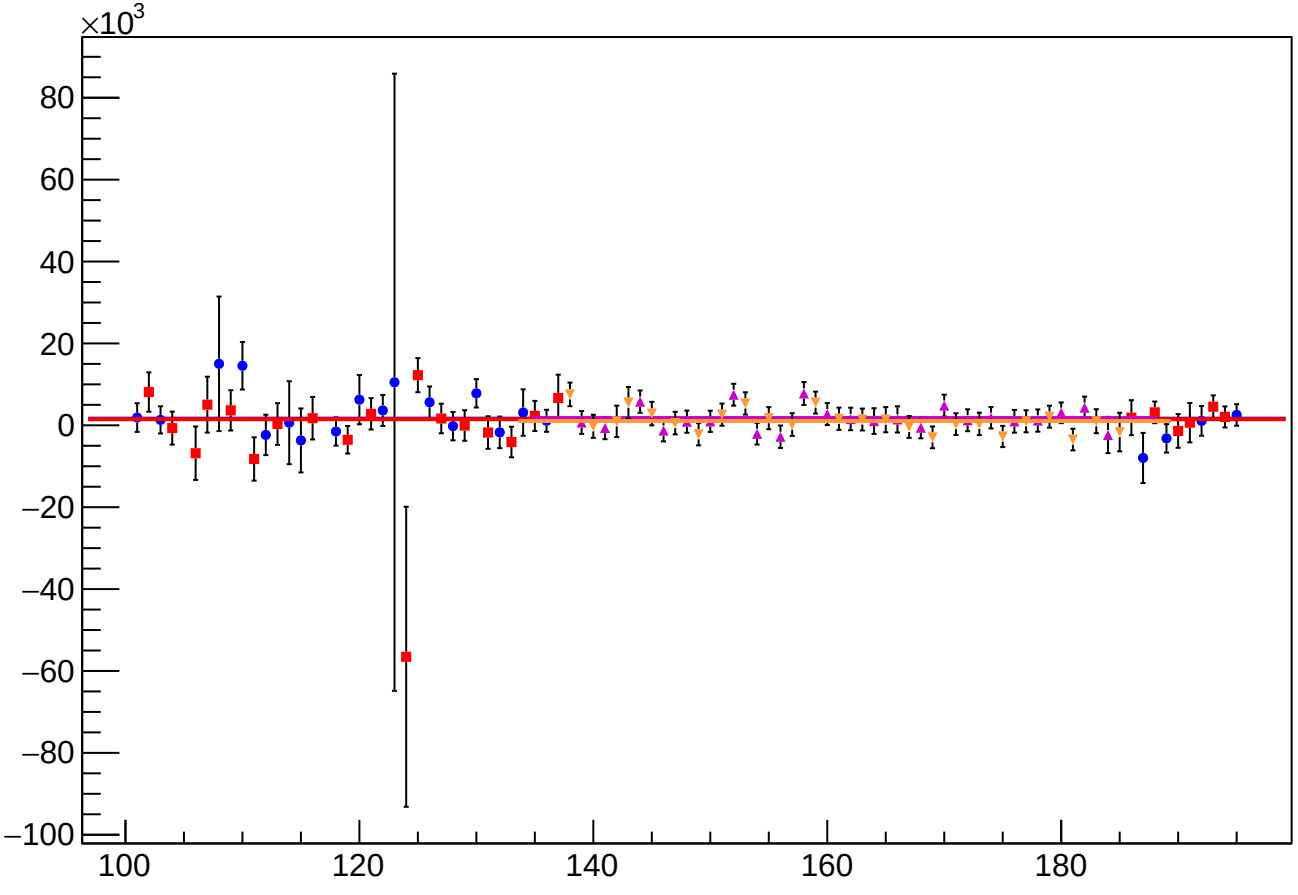
Right: 1951.488+/-0.323 χ^2/NDF: 1045822.9/44

In: 1534.695+/-0.216 χ^2/NDF:1459596.8/43

Out: 1565.206+/-0.211 χ^2/NDF:2000660.0/48

All: 1550.271+/-0.151 χ^2/NDF: 3470486.0/92

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1618.392+/-892.214 χ^2/NDF: 18.4/20

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

Right Out: 1498.242+/-819.989 χ^2/NDF: 25.4/23

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

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

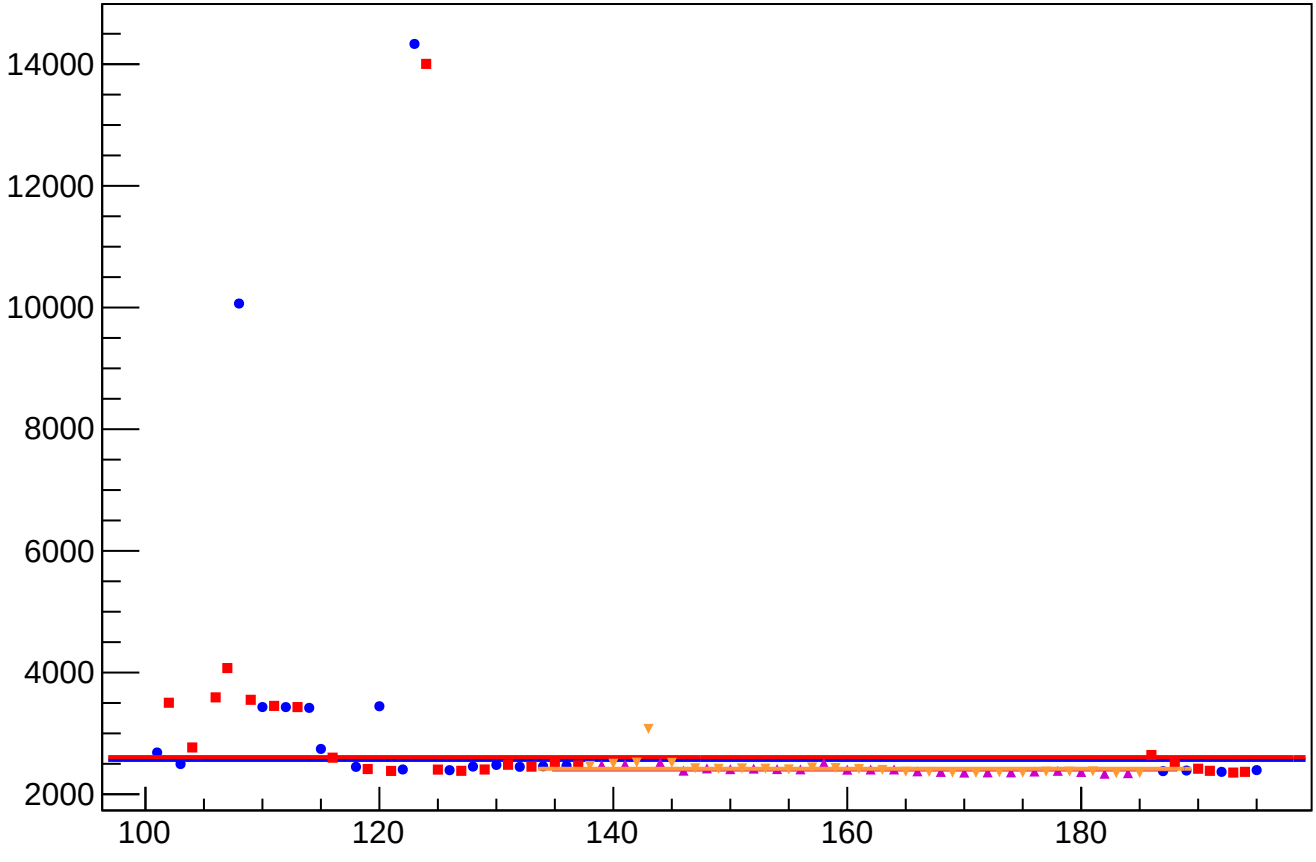
Right: 1553.258+/-603.741 χ^2/NDF: 43.8/44

In: 1719.979+/-483.122 χ^2/NDF:41.7/43

Out: 1199.658+/-465.943 χ^2/NDF:48.2/48

All: 1450.404+/-335.380 χ^2/NDF: 90.5/92

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2564.251+/-0.631 χ^2/NDF: 672710.1/20

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

Right Out: 2610.638+/-0.580 χ^2/NDF: 666089.4/23

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

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

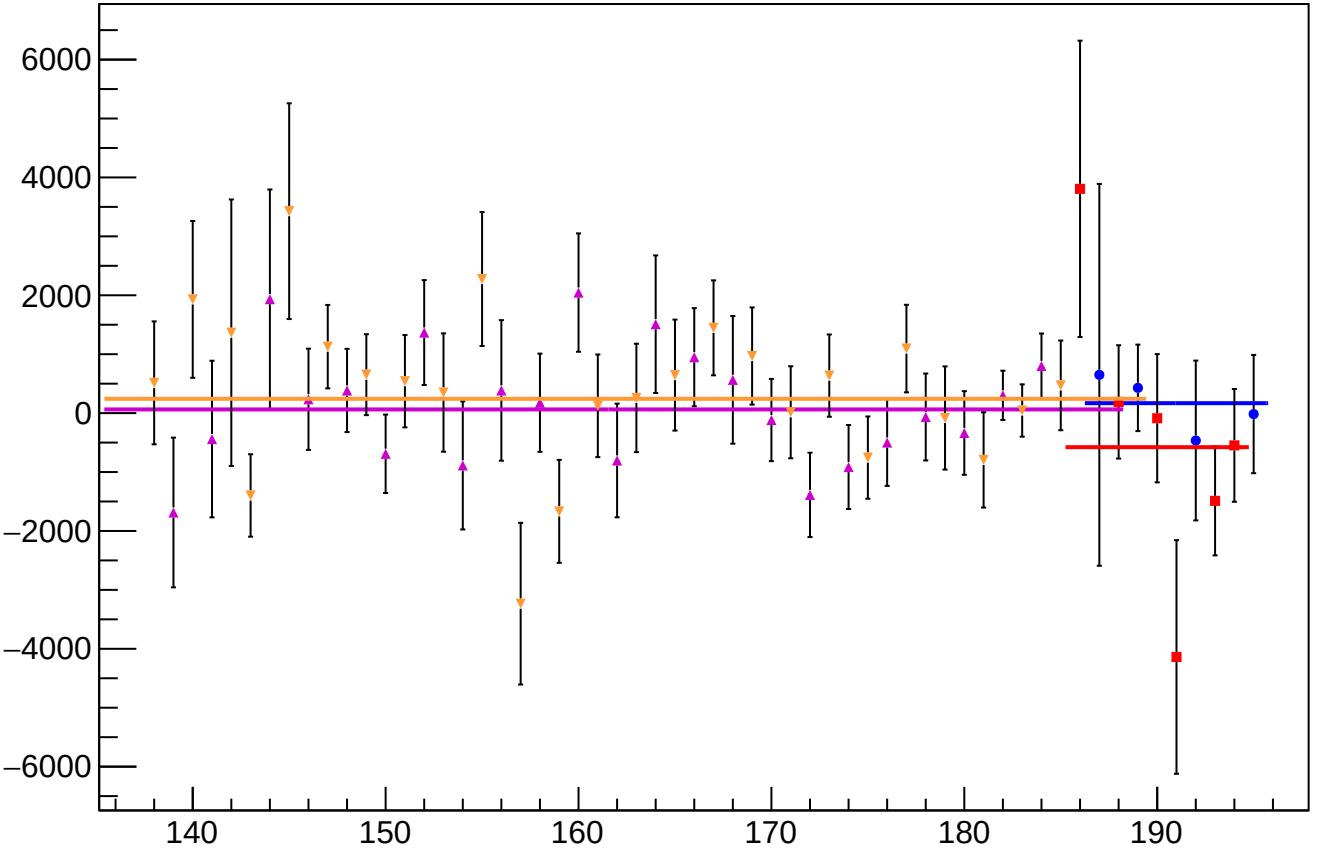
Right: 2589.398+/-0.427 χ^2/NDF: 1341730.2/44

In: 2452.714+/-0.342 χ^2/NDF:732177.7/43

Out: 2480.859+/-0.329 χ^2/NDF:814857.9/48

All: 2467.295+/-0.237 χ^2/NDF: 1550552.2/92

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 168.777+/-535.462 χ^2/NDF: 0.4/3

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

Right Out: -577.967+/-466.366 χ^2/NDF: 8.1/5

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

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

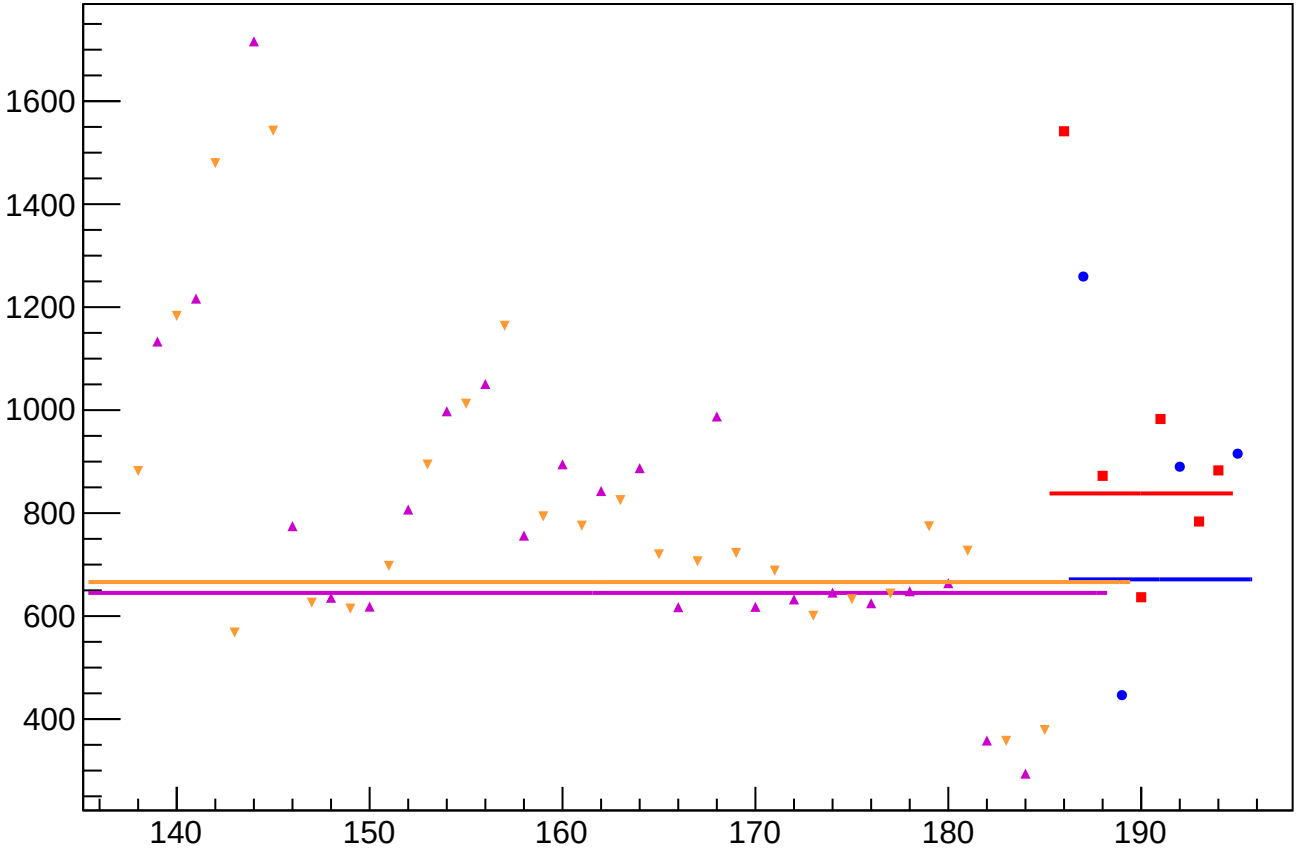
Right: -255.854+/-351.679 χ^2/NDF: 9.6/9

In: 71.695+/-156.958 χ^2/NDF:24.7/26

Out: 152.830+/-154.663 χ^2/NDF:46.8/30

All: 112.860+/-110.165 χ^2/NDF: 71.7/57

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 671.340+/-0.379 χ^2/NDF: 423905.3/3

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

Right Out: 838.175+/-0.330 χ^2/NDF: 249472.1/5

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

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

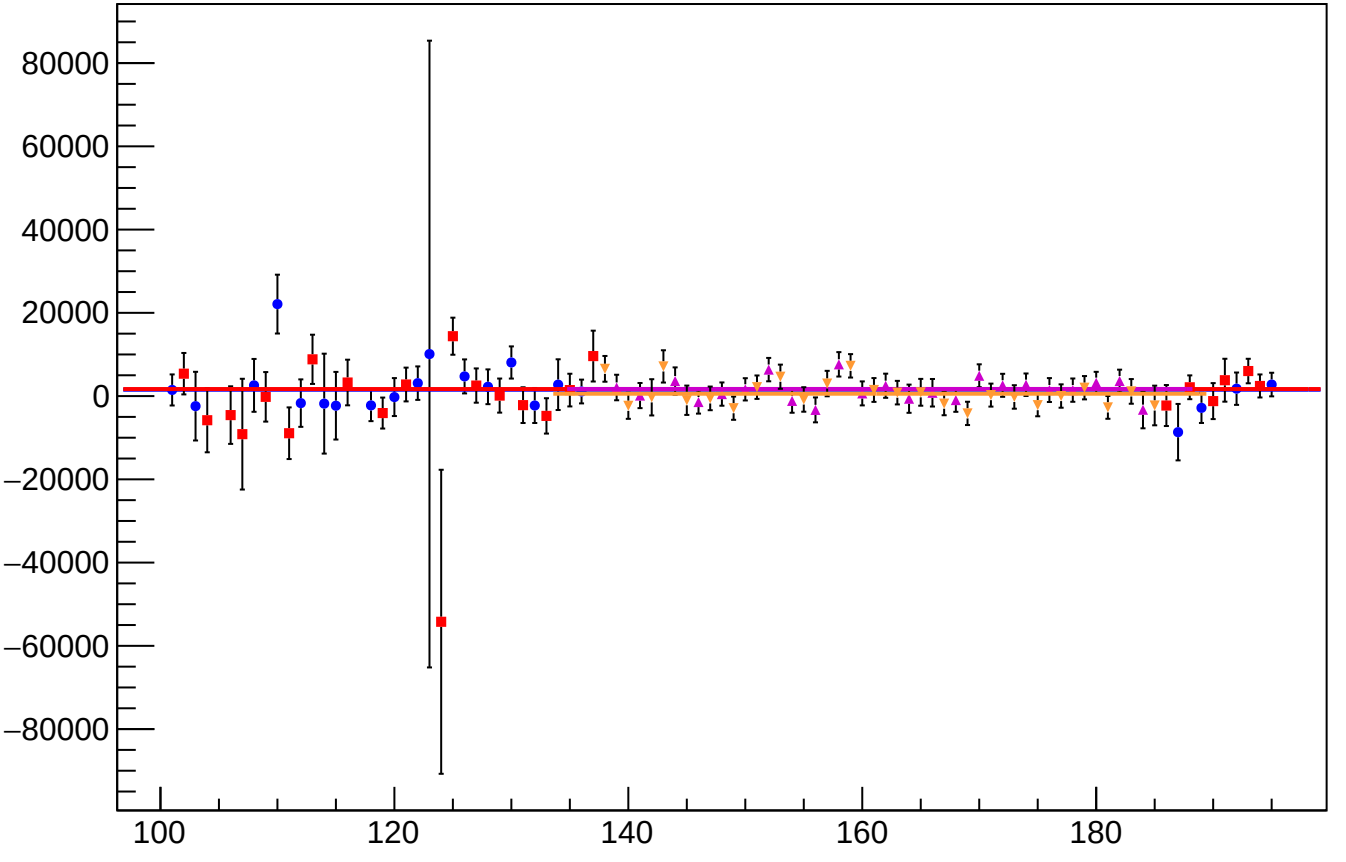
Right: 766.210+/-0.249 χ^2/NDF: 783781.1/9

In: 647.274+/-0.111 χ^2/NDF:4604620.9/26

Out: 685.054+/-0.109 χ^2/NDF:3682285.5/30

All: 666.442+/-0.078 χ^2/NDF: 8345698.9/57

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1531.202+/-979.336 χ^2/NDF: 18.9/20

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

Right Out: 1691.995+/-910.994 χ^2/NDF: 29.0/23

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

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

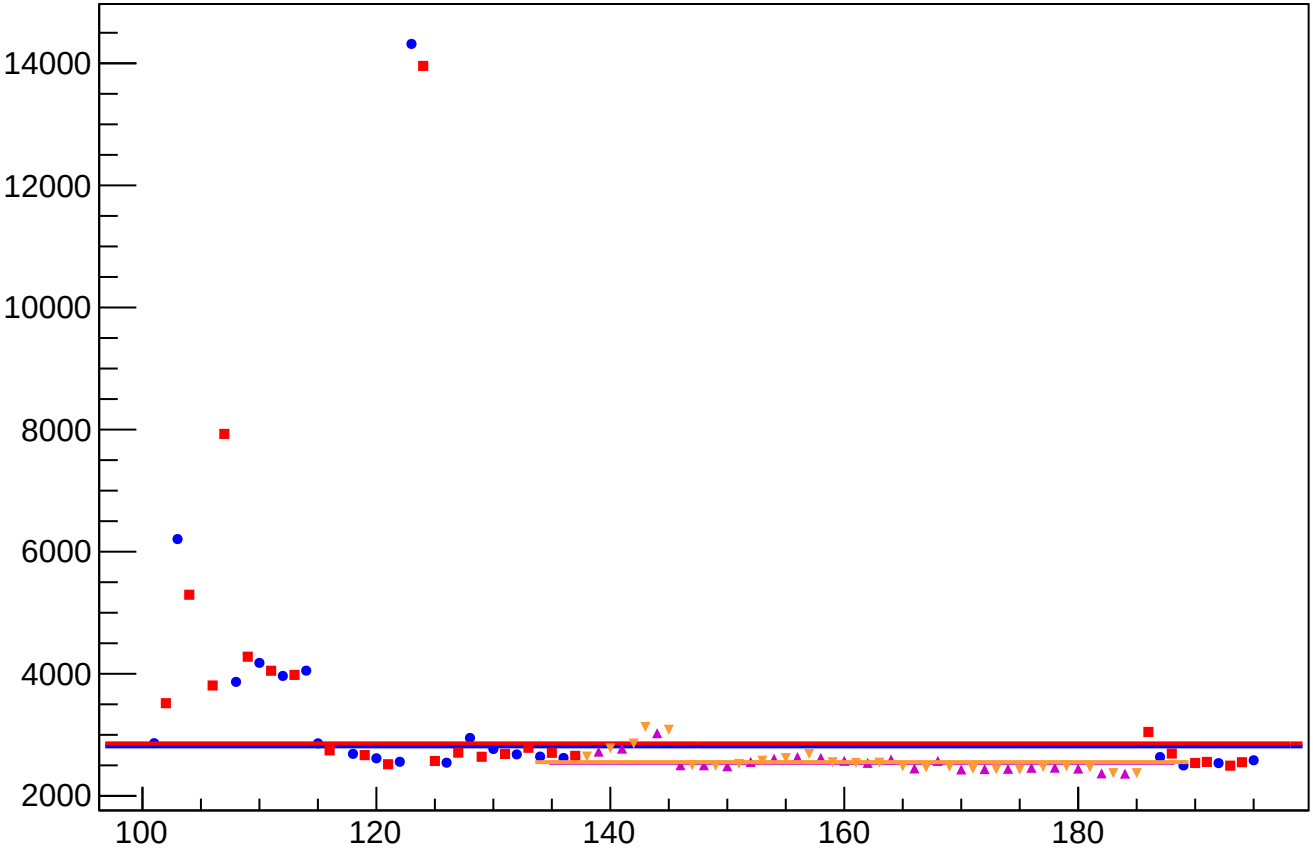
Right: 1617.404+/-667.023 χ^2/NDF: 48.0/44

In: 1662.679+/-516.411 χ^2/NDF:37.0/43

Out: 905.866+/-500.096 χ^2/NDF:55.3/48

All: 1272.129+/-359.251 χ^2/NDF: 93.4/92

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2811.439+/-0.692 χ^2/NDF: 695615.0/20

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

Right Out: 2860.230+/-0.644 χ^2/NDF: 1136154.7/23

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

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

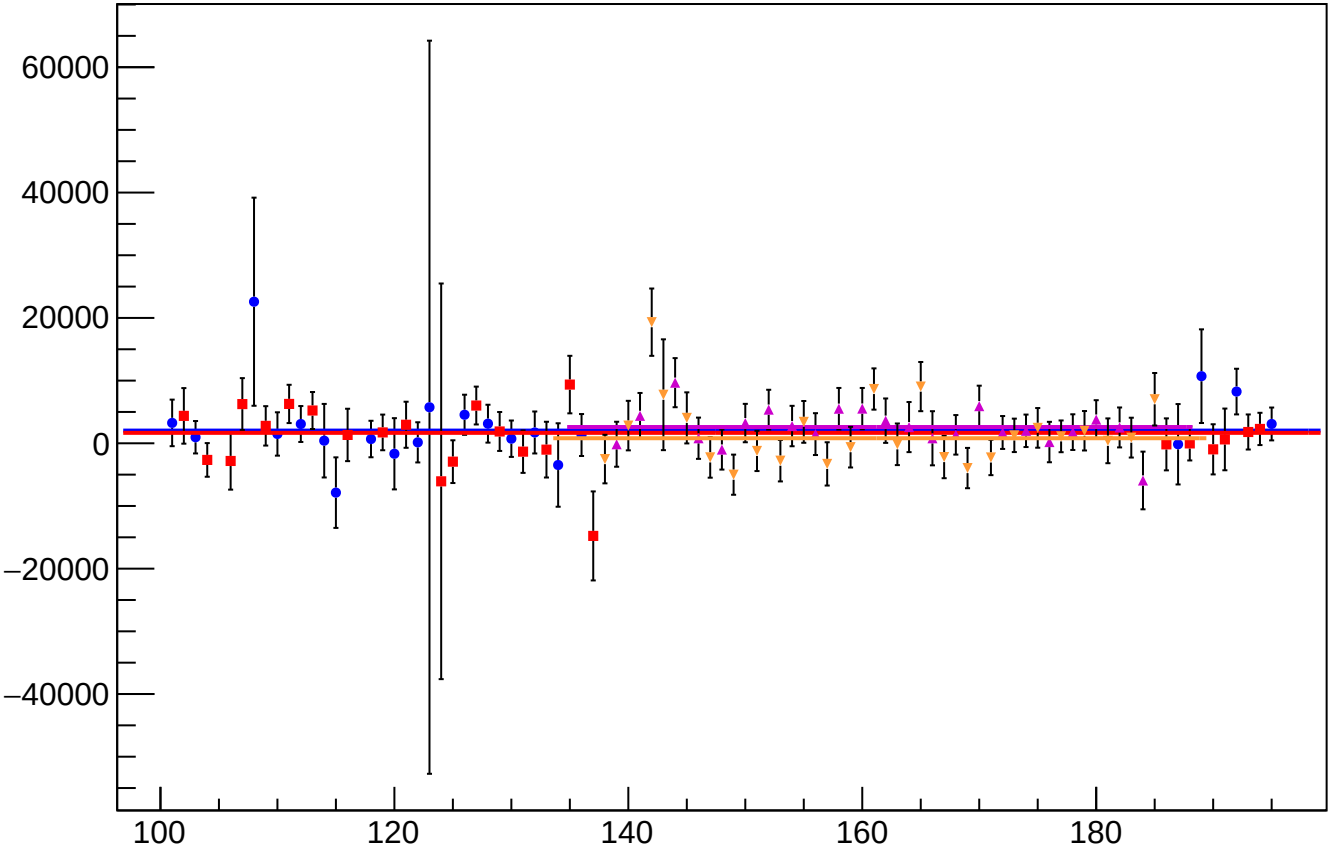
Right: 2837.596+/-0.472 χ^2/NDF: 1834431.0/44

In: 2616.882+/-0.365 χ^2/NDF:902187.2/43

Out: 2645.652+/-0.354 χ^2/NDF:1443407.1/48

All: 2631.729+/-0.254 χ^2/NDF: 2348797.7/92

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2025.688+/-808.838 χ^2/NDF: 12.4/20

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

Right Out: 1667.278+/-715.103 χ^2/NDF: 23.6/23

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

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

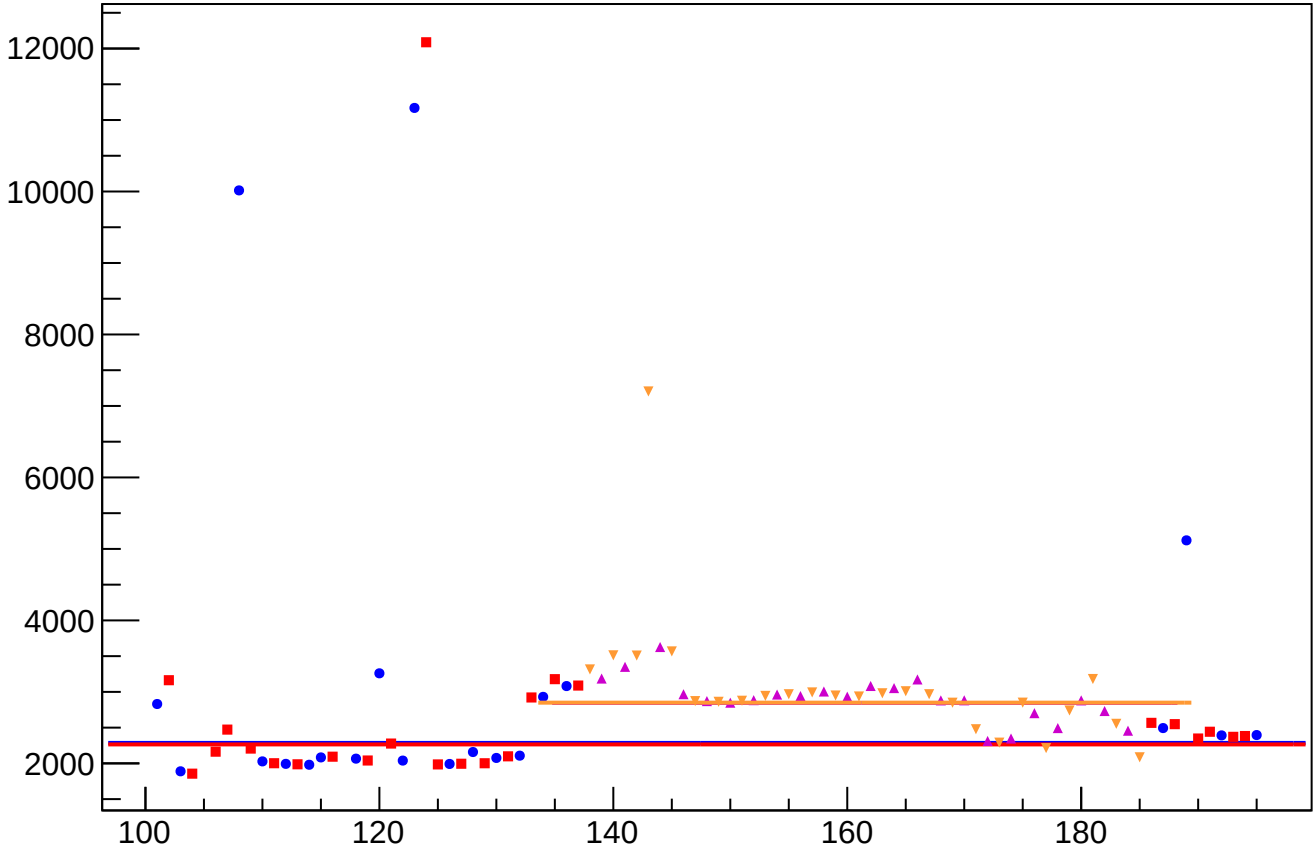
Right: 1824.521+/-535.744 χ^2/NDF: 36.0/44

In: 2358.015+/-522.206 χ^2/NDF:26.6/43

Out: 1214.092+/-491.826 χ^2/NDF:63.5/48

All: 1751.813+/-358.032 χ^2/NDF: 92.6/92

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2286.178+/-0.572 χ^2/NDF: 1155350.5/20

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

Right Out: 2265.200+/-0.505 χ^2/NDF: 618797.3/23

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

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

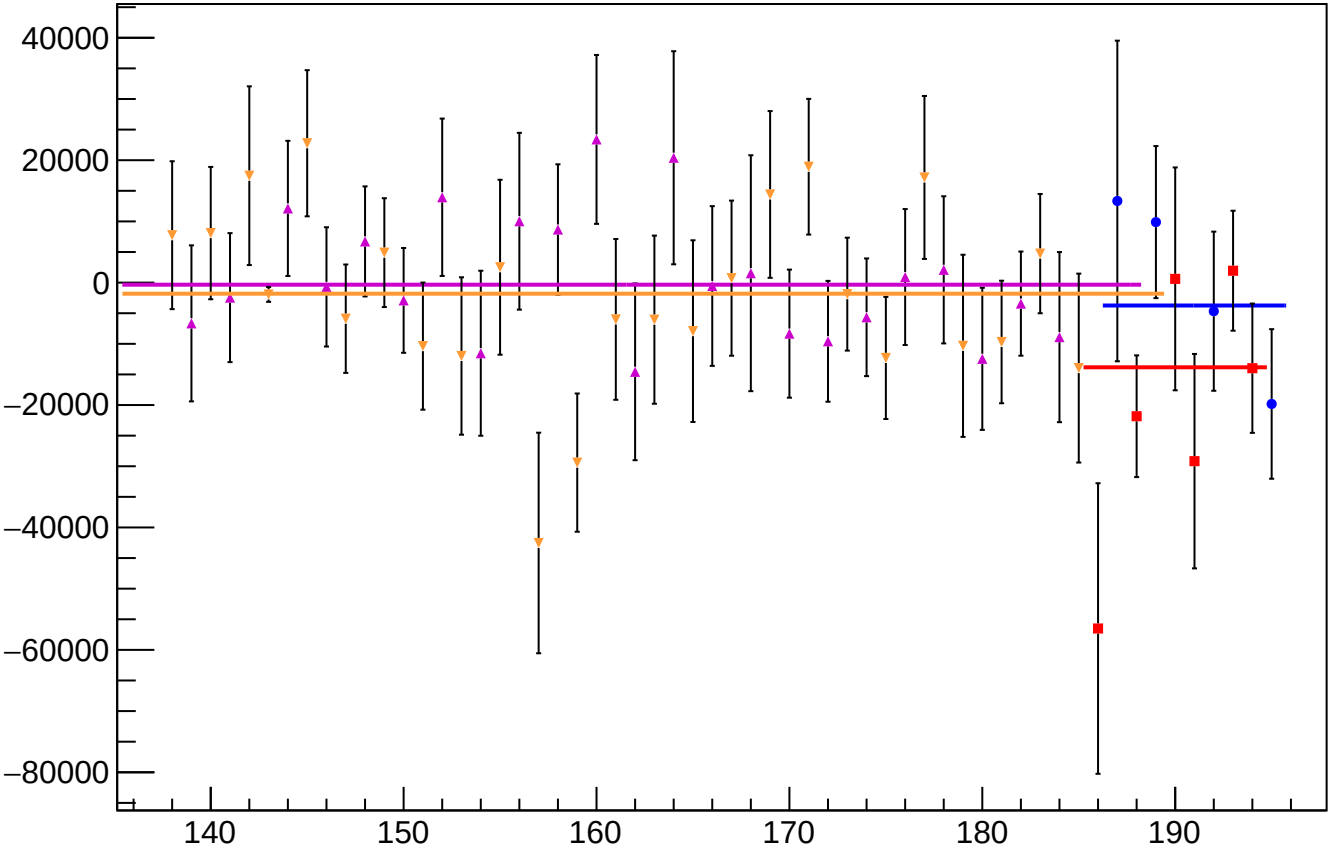
Right: 2274.398+/-0.379 χ^2/NDF: 1774903.3/44

In: 2611.937+/-0.369 χ^2/NDF:2095420.6/43

Out: 2572.832+/-0.348 χ^2/NDF:2356710.8/48

All: 2591.209+/-0.253 χ^2/NDF: 4458075.9/92

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -3740.094+/-6974.765 χ^2/NDF: 3.4/3

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

Right Out: -13834.120+/-5160.668 χ^2/NDF: 7.9/5

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

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

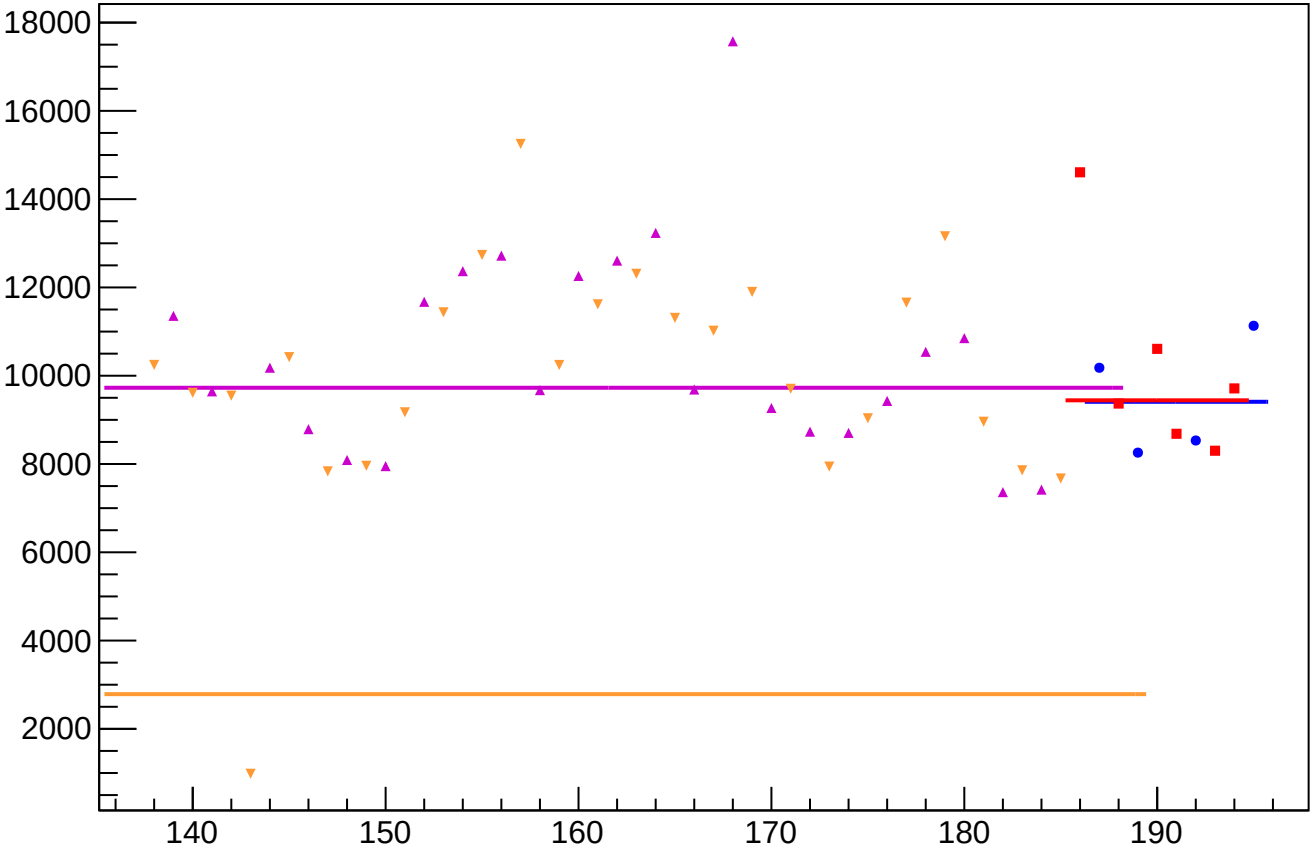
Right: -10263.057+/-4148.548 χ^2/NDF: 12.6/9

In: -690.212+/-2240.582 χ^2/NDF:17.8/26

Out: -2313.448+/-1055.386 χ^2/NDF:44.3/30

All: -2018.696+/-954.770 χ^2/NDF: 62.5/57

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 9409.518+/-4.932 χ^2/NDF: 67749.9/3

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

Right Out: 9442.721+/-3.649 χ^2/NDF: 135231.2/5

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

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

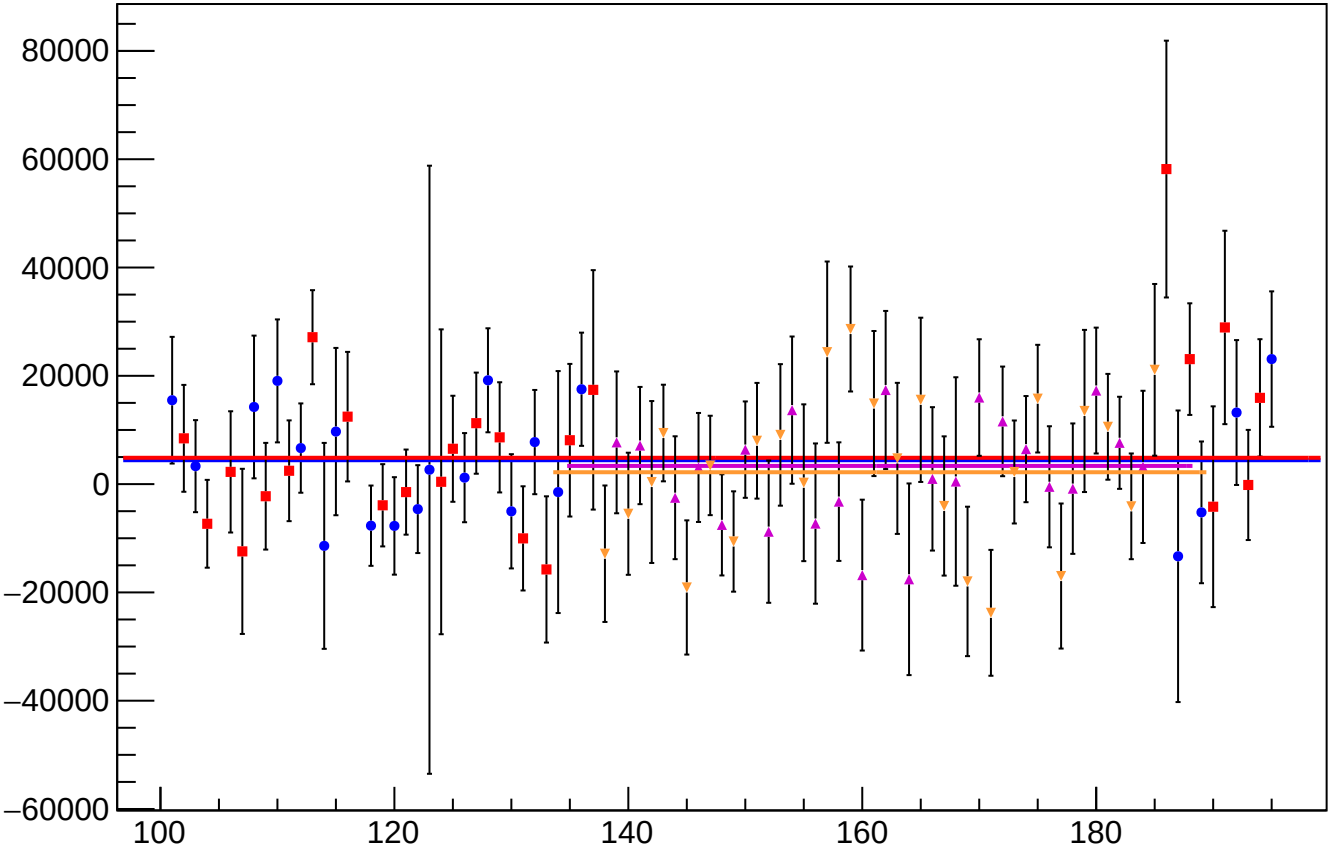
Right: 9430.974+/-2.933 χ^2/NDF: 203010.4/9

In: 9694.466+/-1.584 χ^2/NDF:1332878.8/26

Out: 3064.843+/-0.746 χ^2/NDF:26186323.3/30

All: 4268.671+/-0.675 χ^2/NDF: 41849670.0/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 4413.430+/-2369.685 χ^2/NDF: 18.5/20

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

Right Out: 4863.144+/-2208.742 χ^2/NDF: 30.6/23

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

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

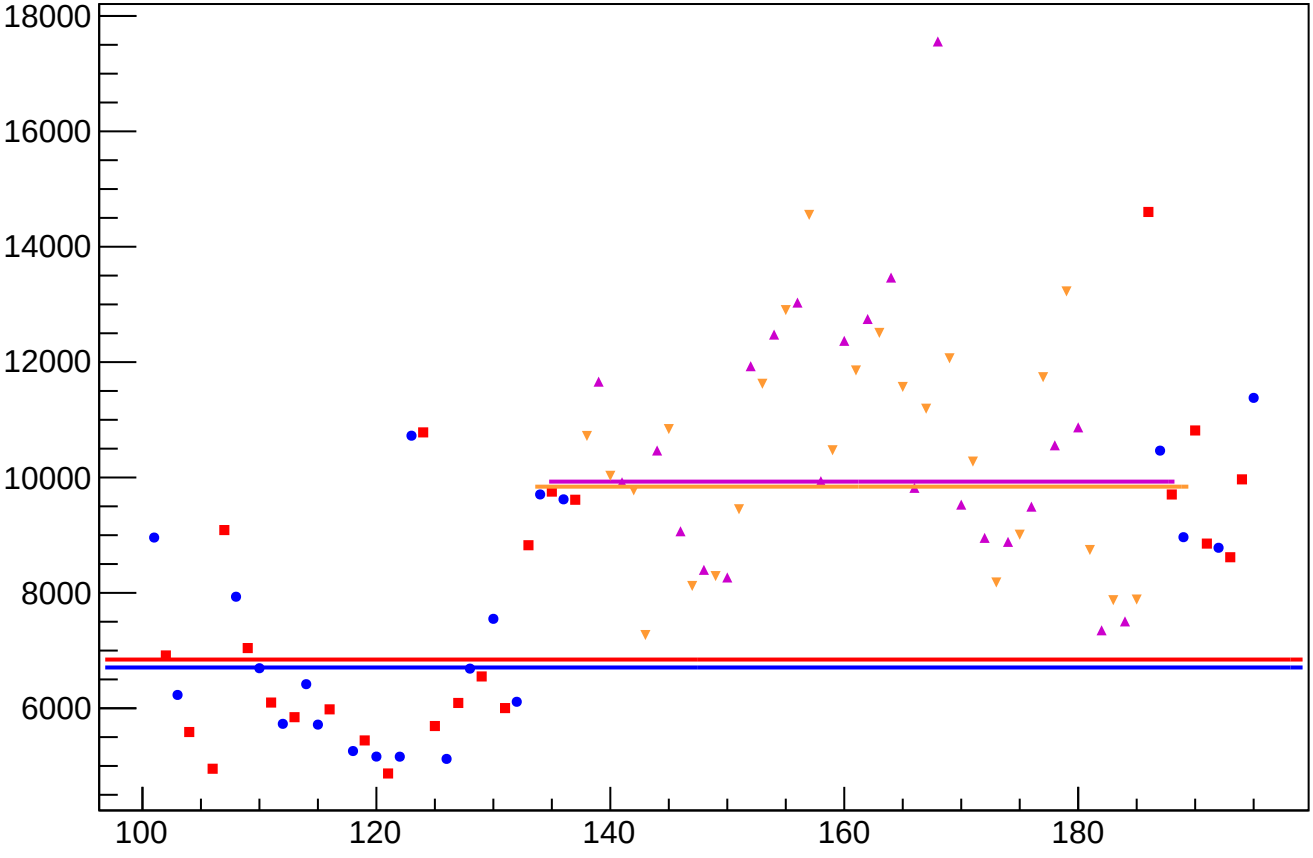
Right: 4654.076+/-1615.720 χ^2/NDF: 49.0/44

In: 3897.660+/-1691.016 χ^2/NDF:31.4/43

Out: 3608.633+/-1608.347 χ^2/NDF:62.4/48

All: 3745.909+/-1165.403 χ^2/NDF: 93.8/92

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6706.959+/-1.676 χ^2/NDF: 1064419.8/20

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

Right Out: 6844.458+/-1.562 χ^2/NDF: 1362435.8/23

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

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

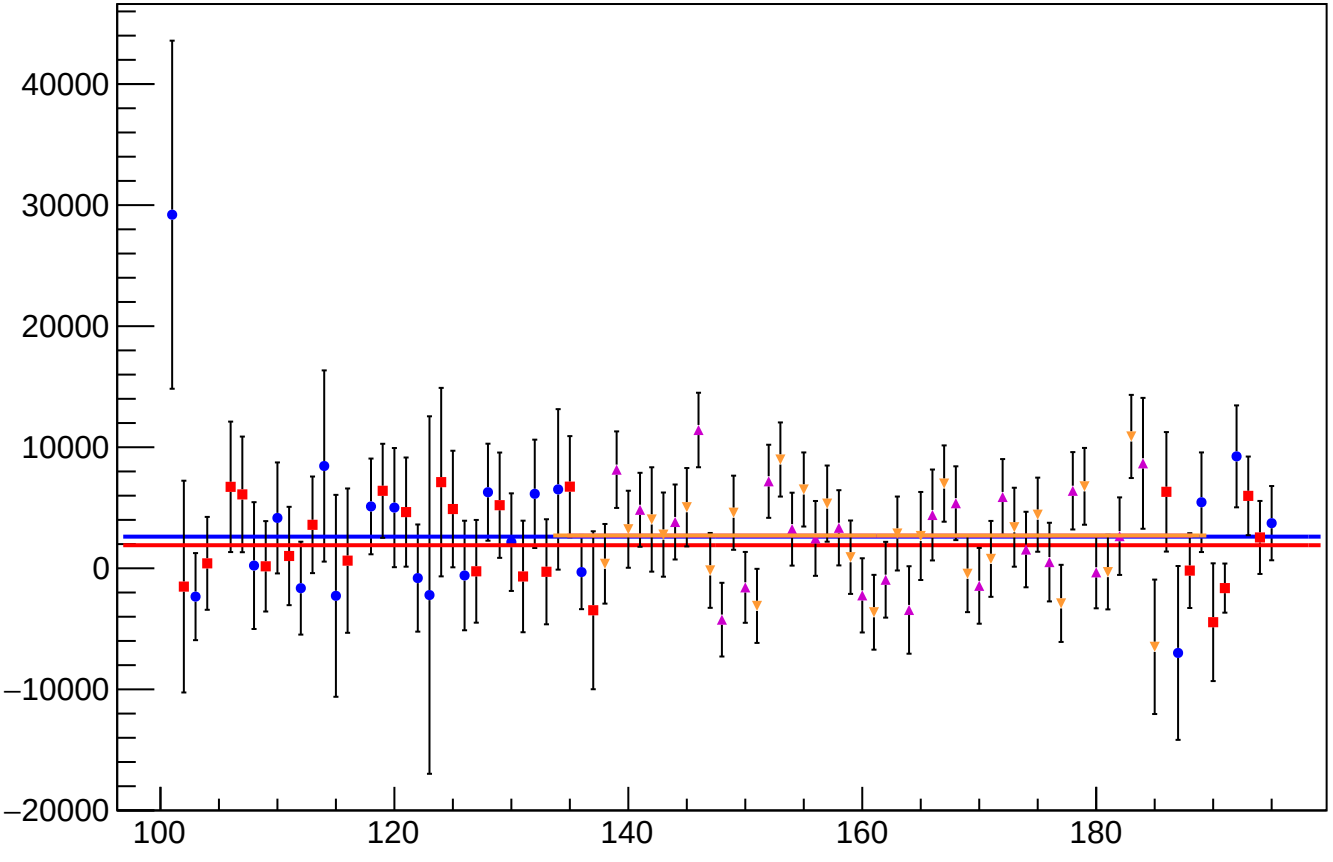
Right: 6780.538+/-1.142 χ^2/NDF: 2430459.0/44

In: 8288.067+/-1.196 χ^2/NDF:4099483.6/43

Out: 8252.175+/-1.137 χ^2/NDF:4276786.9/48

All: 8269.222+/-0.824 χ^2/NDF: 8376743.7/92

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2615.387+/-990.854 χ^2/NDF: 17.2/20

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

Right Out: 1906.606+/-821.162 χ^2/NDF: 16.0/23

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

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

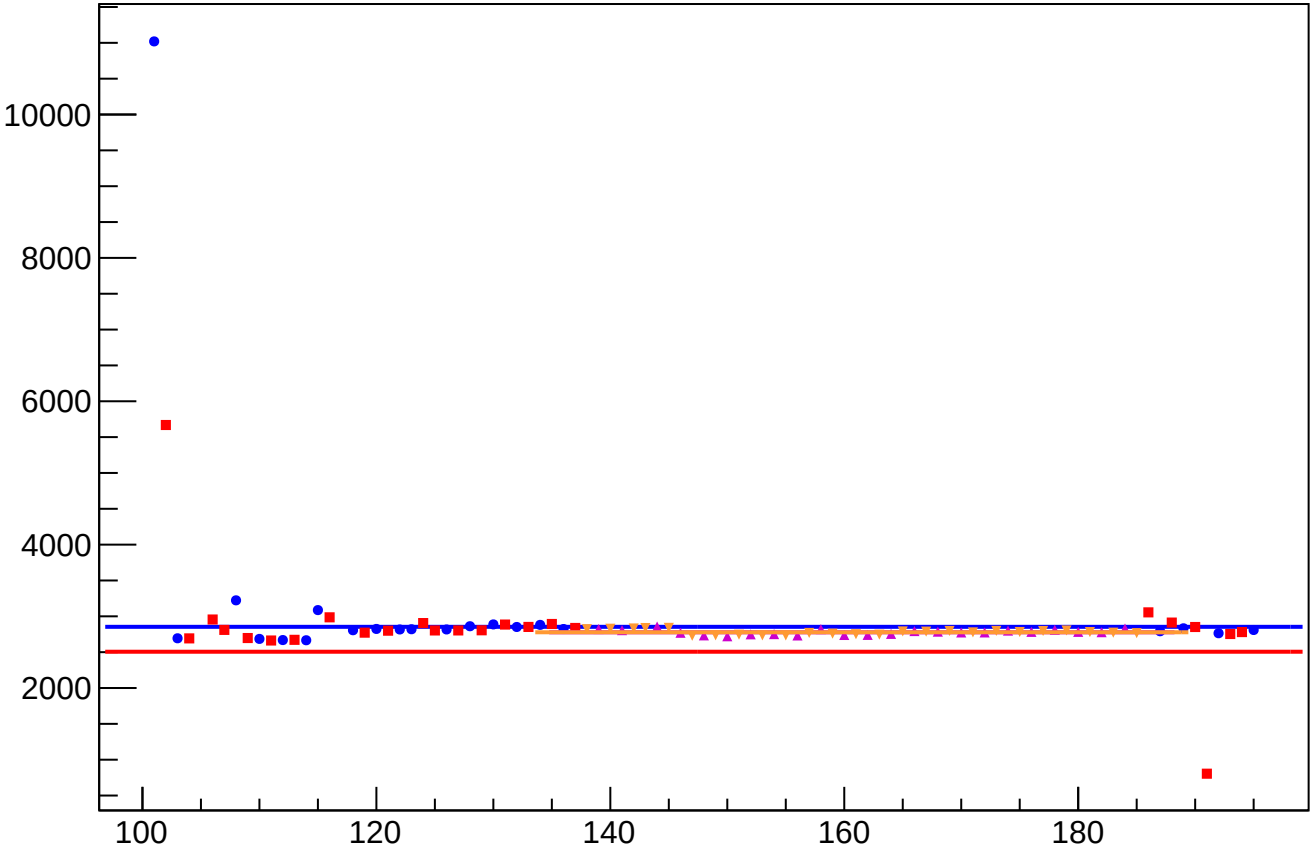
Right: 2195.197+/-632.259 χ^2/NDF: 33.5/44

In: 2672.333+/-550.763 χ^2/NDF:53.3/43

Out: 2402.788+/-509.092 χ^2/NDF:51.3/48

All: 2526.979+/-373.847 χ^2/NDF: 104.7/92

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2853.559+/-0.701 χ^2/NDF: 671794.8/20

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

Right Out: 2506.107+/-0.581 χ^2/NDF: 1915516.7/23

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

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

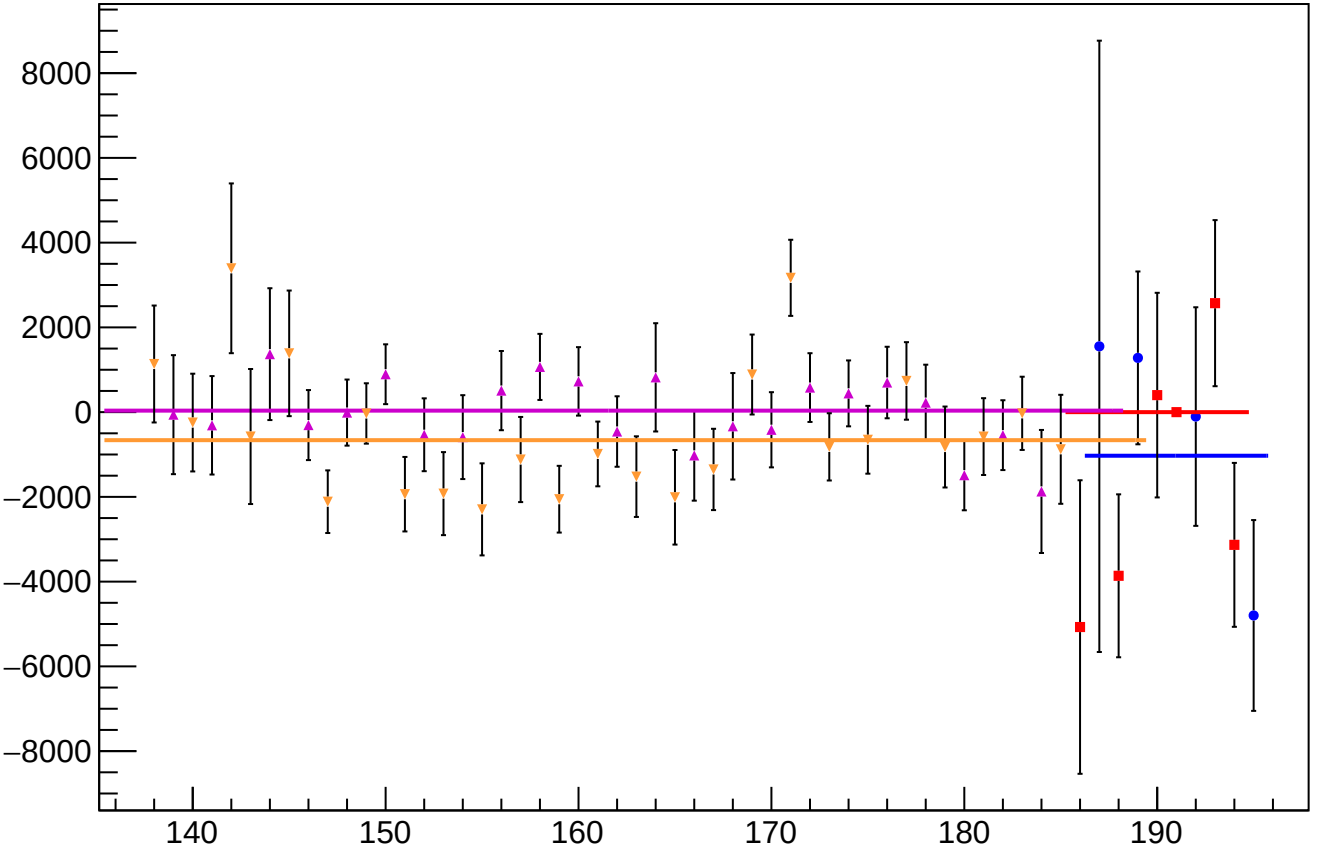
Right: 2647.578+/-0.447 χ^2/NDF: 2733103.4/44

In: 2800.899+/-0.389 χ^2/NDF:685458.2/43

Out: 2673.158+/-0.360 χ^2/NDF:2055212.9/48

All: 2732.014+/-0.264 χ^2/NDF: 2798689.2/92

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -1028.961+/-1283.291 χ^2/NDF: 4.3/3

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

Right Out: -0.271+/-4.105 χ^2/NDF: 10.6/5

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

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

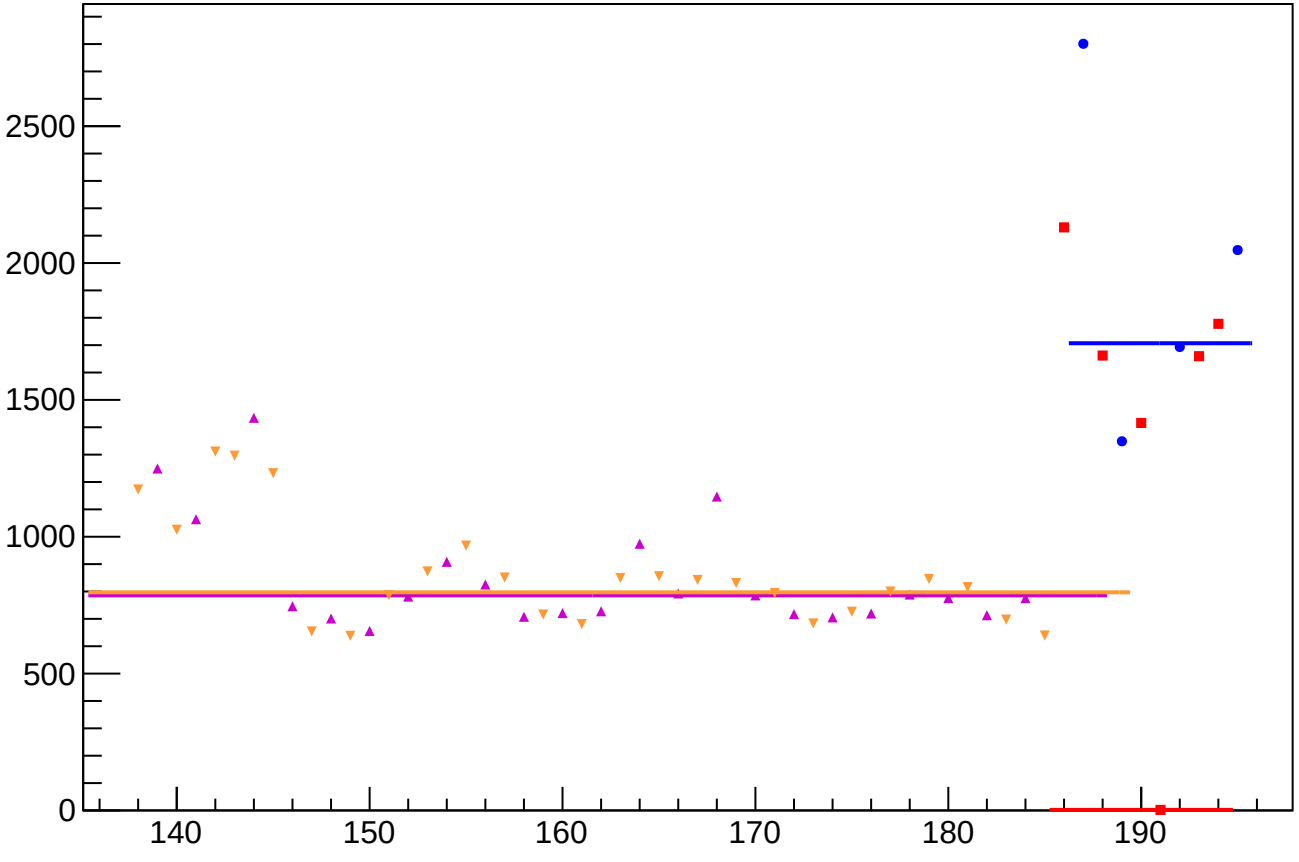
Right: -0.281+/-4.105 χ^2/NDF: 15.5/9

In: 12.405+/-188.487 χ^2/NDF:20.1/26

Out: -0.579+/-4.104 χ^2/NDF:71.3/30

All: -0.572+/-4.103 χ^2/NDF: 91.5/57

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1706.956+/-0.907 χ^2/NDF: 153519.3/3

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

Right Out: 2.067+/-0.003 χ^2/NDF: 6048222.0/5

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

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

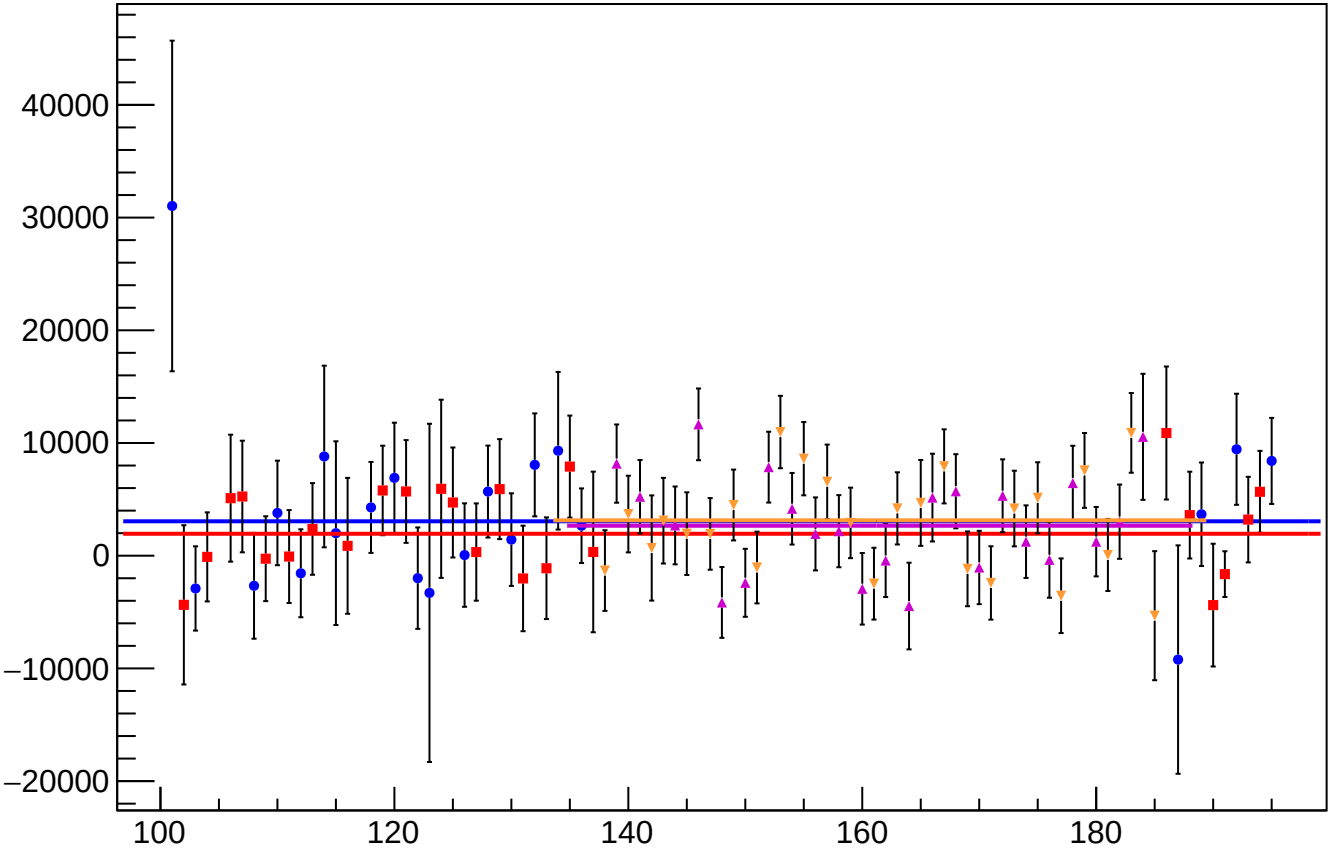
Right: 2.084+/-0.003 χ^2/NDF: 9731683.1/9

In: 805.797+/-0.133 χ^2/NDF:2287531.9/26

Out: 2.437+/-0.003 χ^2/NDF:42133906.1/30

All: 2.818+/-0.003 χ^2/NDF: 80736227.3/57

asym_atr1_mean vs Slug, Sign Corrected



Right In: 3053.195+/-1045.723 χ^2/NDF: 19.9/20

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

Right Out: 1946.632+/-867.417 χ^2/NDF: 16.7/23

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

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

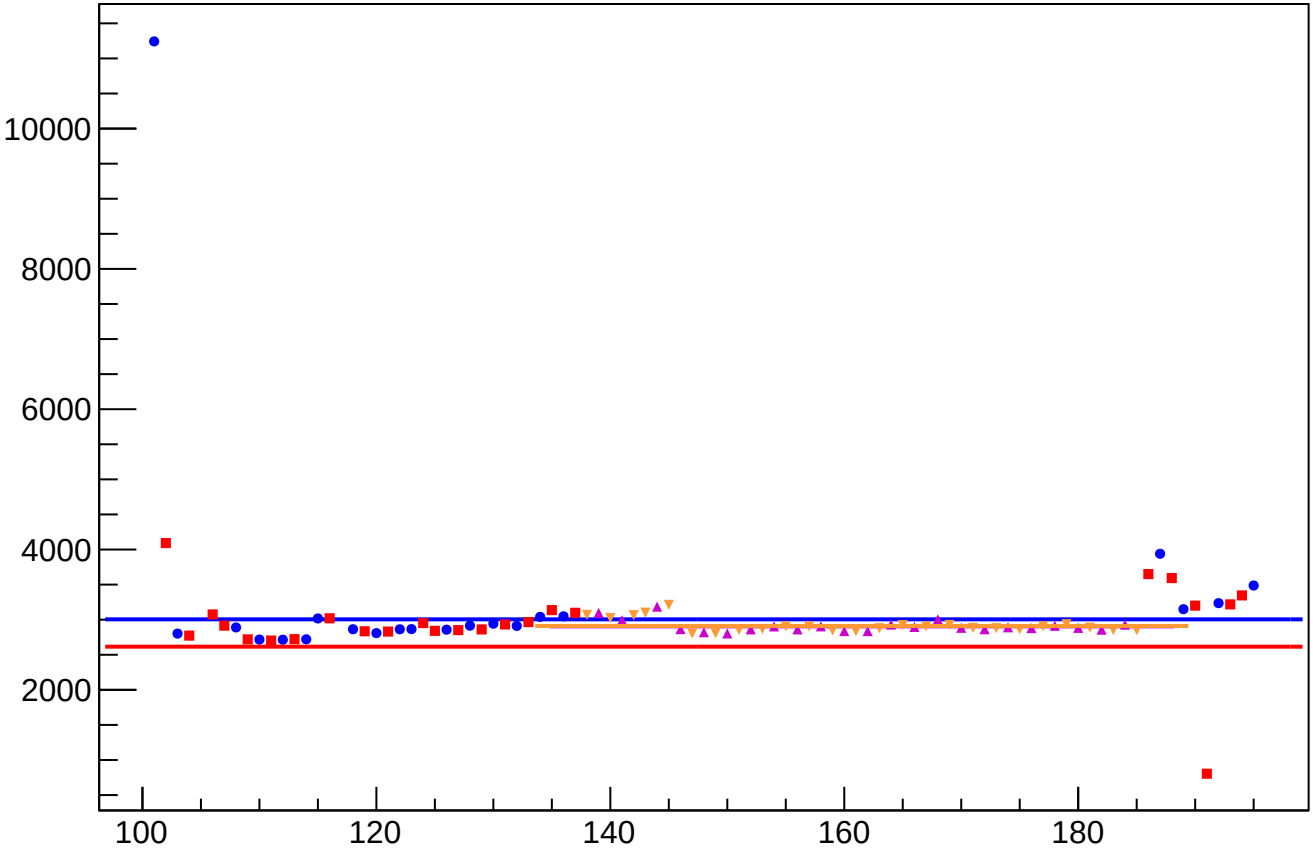
Right: 2397.669+/-667.628 χ^2/NDF: 37.2/44

In: 2779.895+/-577.737 χ^2/NDF:56.9/43

Out: 2685.181+/-535.266 χ^2/NDF:56.1/48

All: 2728.929+/-392.647 χ^2/NDF: 113.0/92

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3004.899+/-0.739 χ^2/NDF: 727235.6/20

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

Right Out: 2615.469+/-0.613 χ^2/NDF: 2149155.4/23

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

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

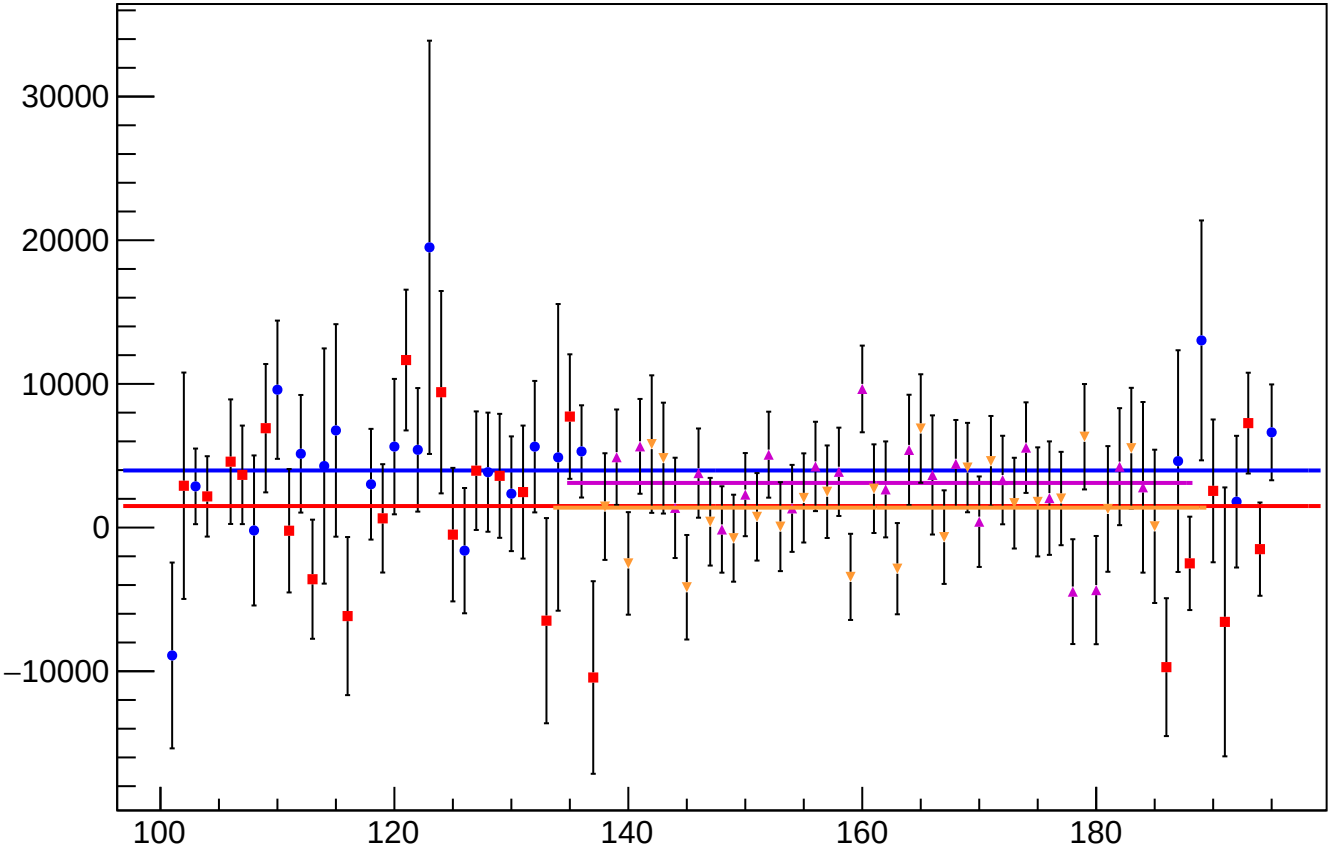
Right: 2774.201+/-0.472 χ^2/NDF: 3040702.9/44

In: 2935.144+/-0.409 χ^2/NDF:770467.4/43

Out: 2798.070+/-0.378 χ^2/NDF:2328369.4/48

All: 2861.384+/-0.278 χ^2/NDF: 3159419.3/92

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3974.121+/-996.018 χ^2/NDF: 12.0/20

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

Right Out: 1498.085+/-885.074 χ^2/NDF: 30.3/23

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

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

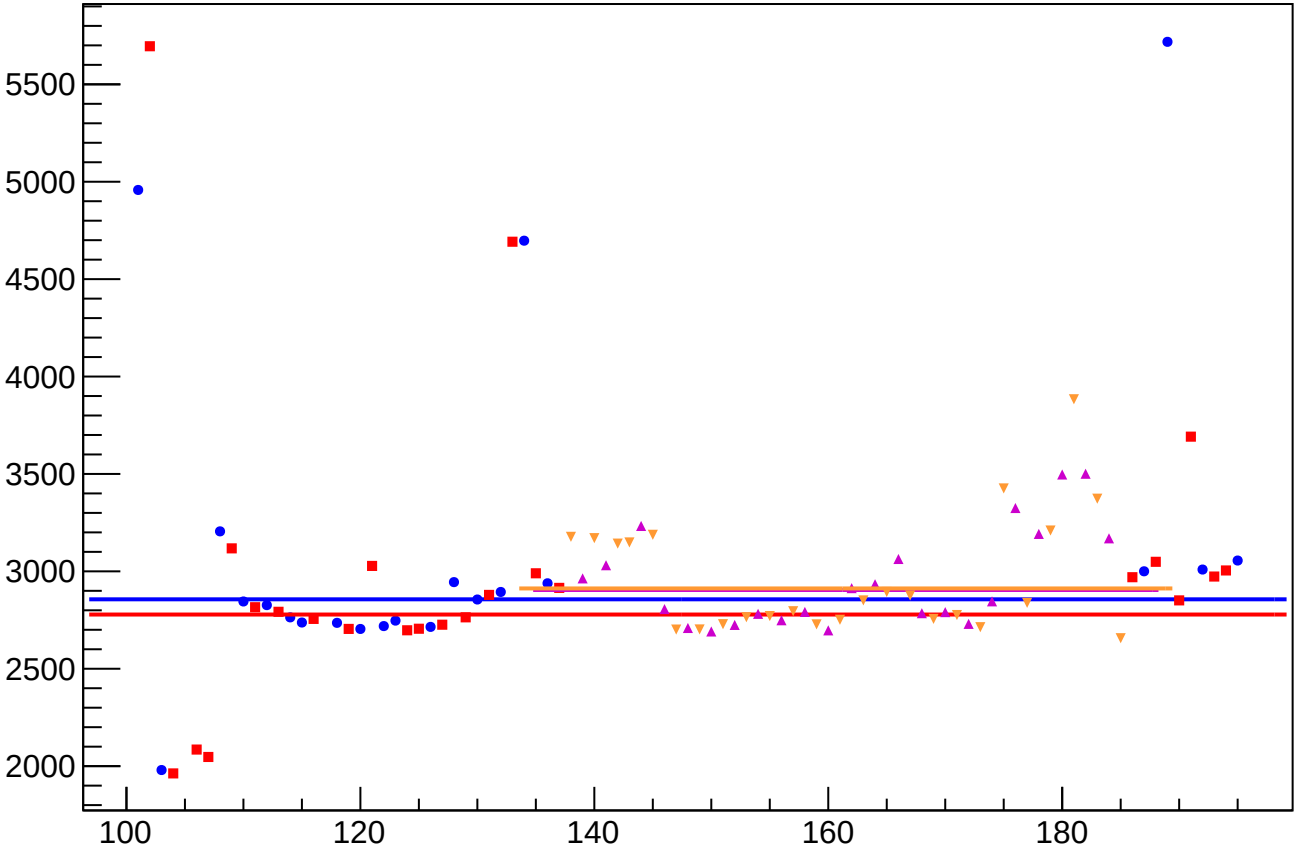
Right: 2590.577+/-661.604 χ^2/NDF: 45.8/44

In: 3391.240+/-570.338 χ^2/NDF:30.9/43

Out: 1428.133+/-541.536 χ^2/NDF:48.3/48

All: 2358.868+/-392.711 χ^2/NDF: 85.4/92

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2856.401+/-0.704 χ^2/NDF: 757978.2/20

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2778.291+/-0.626 χ^2/NDF: 808249.8/23

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

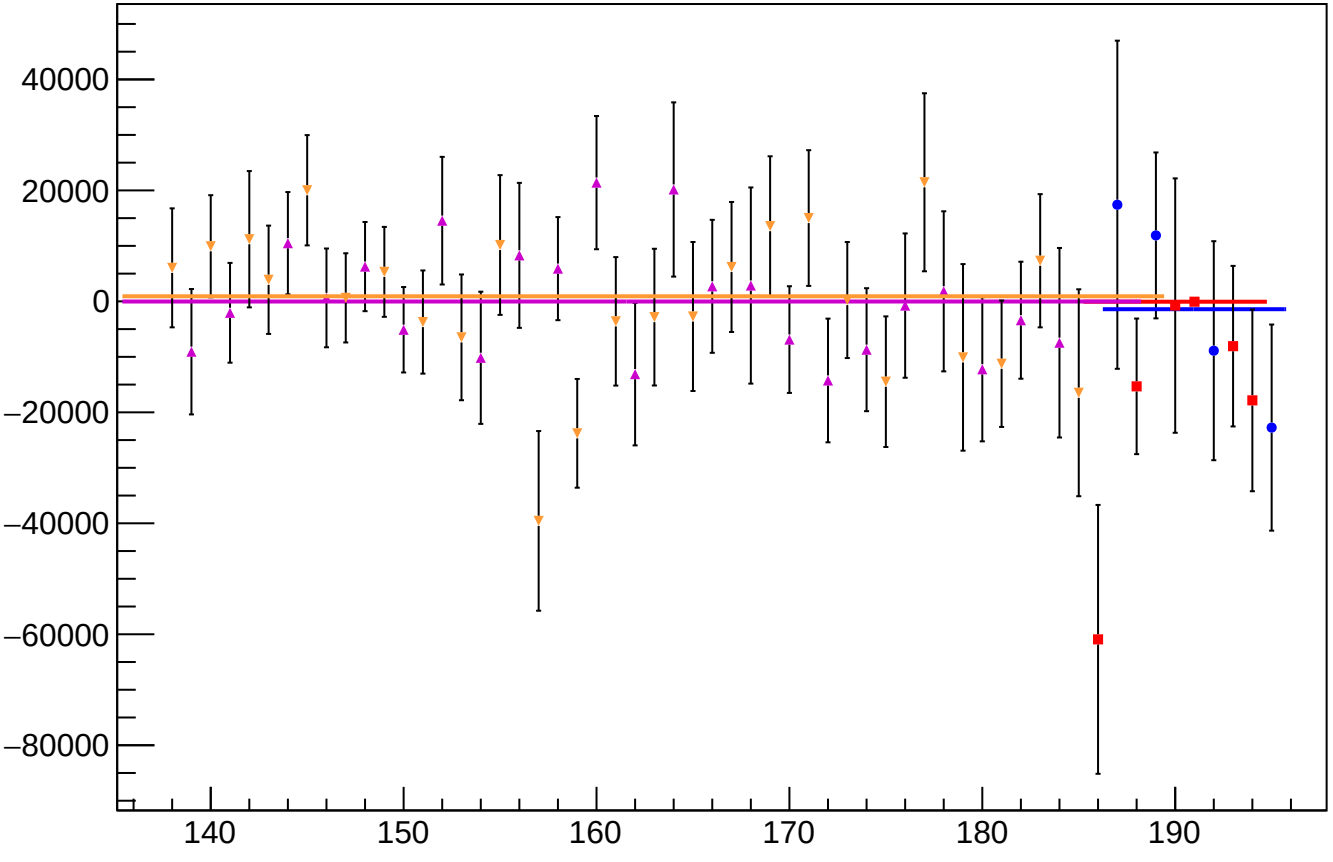
Right: 2812.746+/-0.468 χ^2/NDF: 1573102.4/44

In: 2888.710+/-0.403 χ^2/NDF:978688.1/43

Out: 2862.061+/-0.383 χ^2/NDF:1127813.6/48

All: 2874.695+/-0.278 χ^2/NDF: 2108798.1/92

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -1412.801+/-9498.681 χ^2/NDF: 2.7/3

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -62.940+/-29.129 χ^2/NDF: 9.4/5

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

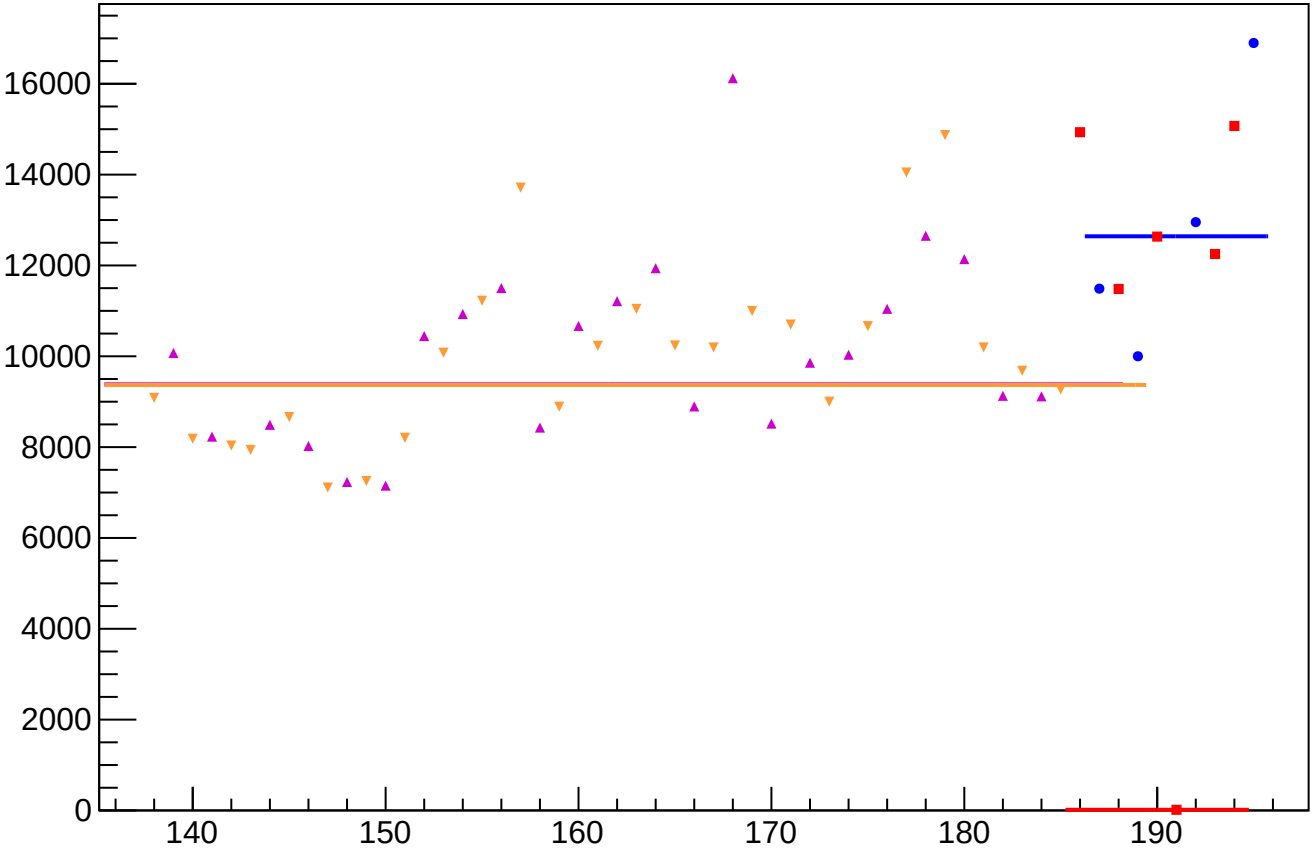
Right: -62.952+/-29.129 χ^2/NDF: 12.0/9

In: -101.320+/-2217.419 χ^2/NDF:18.8/26

Out: -62.774+/-29.127 χ^2/NDF:38.3/30

All: -62.780+/-29.124 χ^2/NDF: 57.0/57

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 12641.904+/-6.717 χ^2/NDF: 170988.3/3

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.642+/-0.021 χ^2/NDF: 6246652.9/5

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

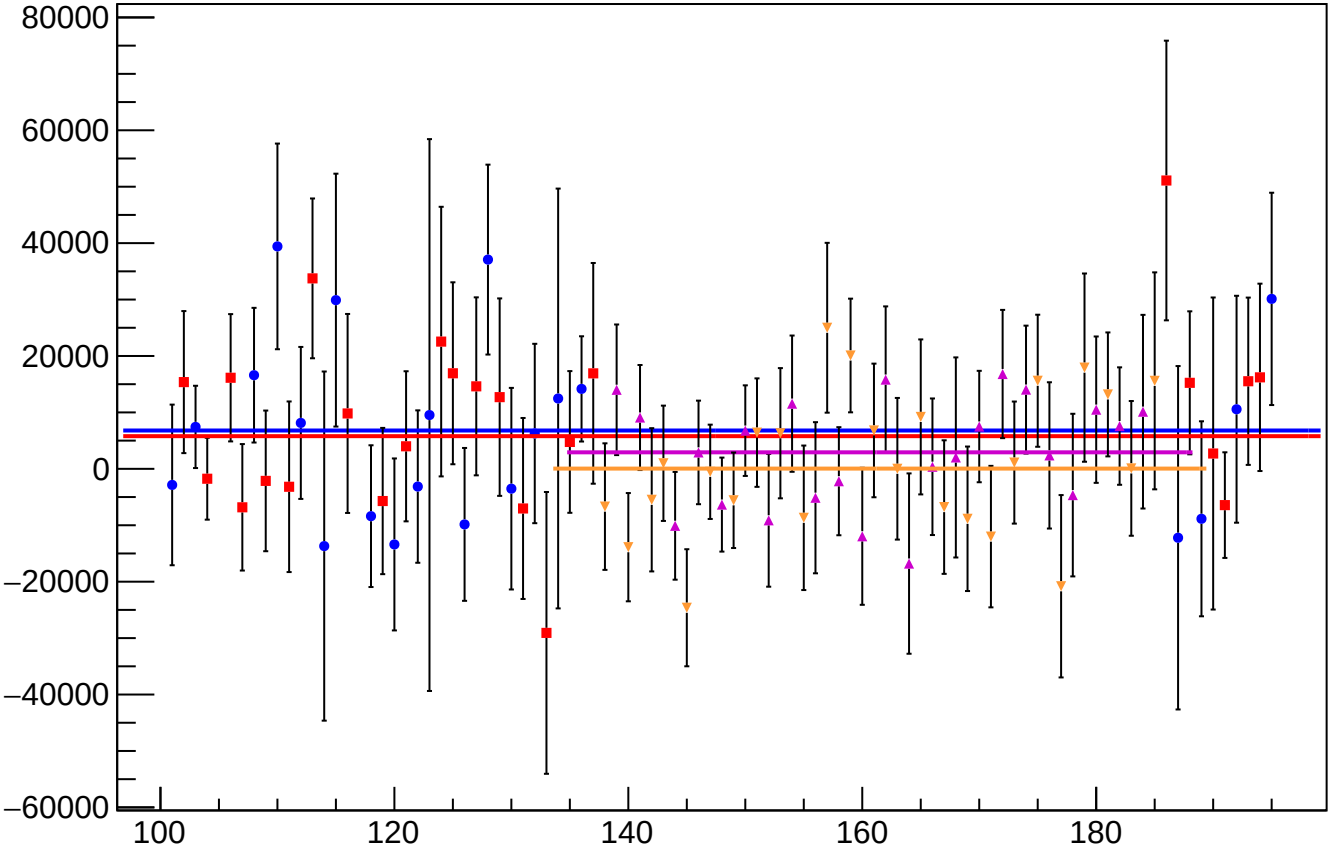
Right: 14.761+/-0.021 χ^2/NDF: 9952057.3/9

In: 9560.341+/-1.568 χ^2/NDF:1599266.4/26

Out: 16.226+/-0.021 χ^2/NDF:42341415.4/30

All: 17.872+/-0.021 χ^2/NDF: 80985777.7/57

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6793.584+/-3212.618 χ^2/NDF: 18.1/20

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 5789.882+/-2796.681 χ^2/NDF: 20.1/23

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

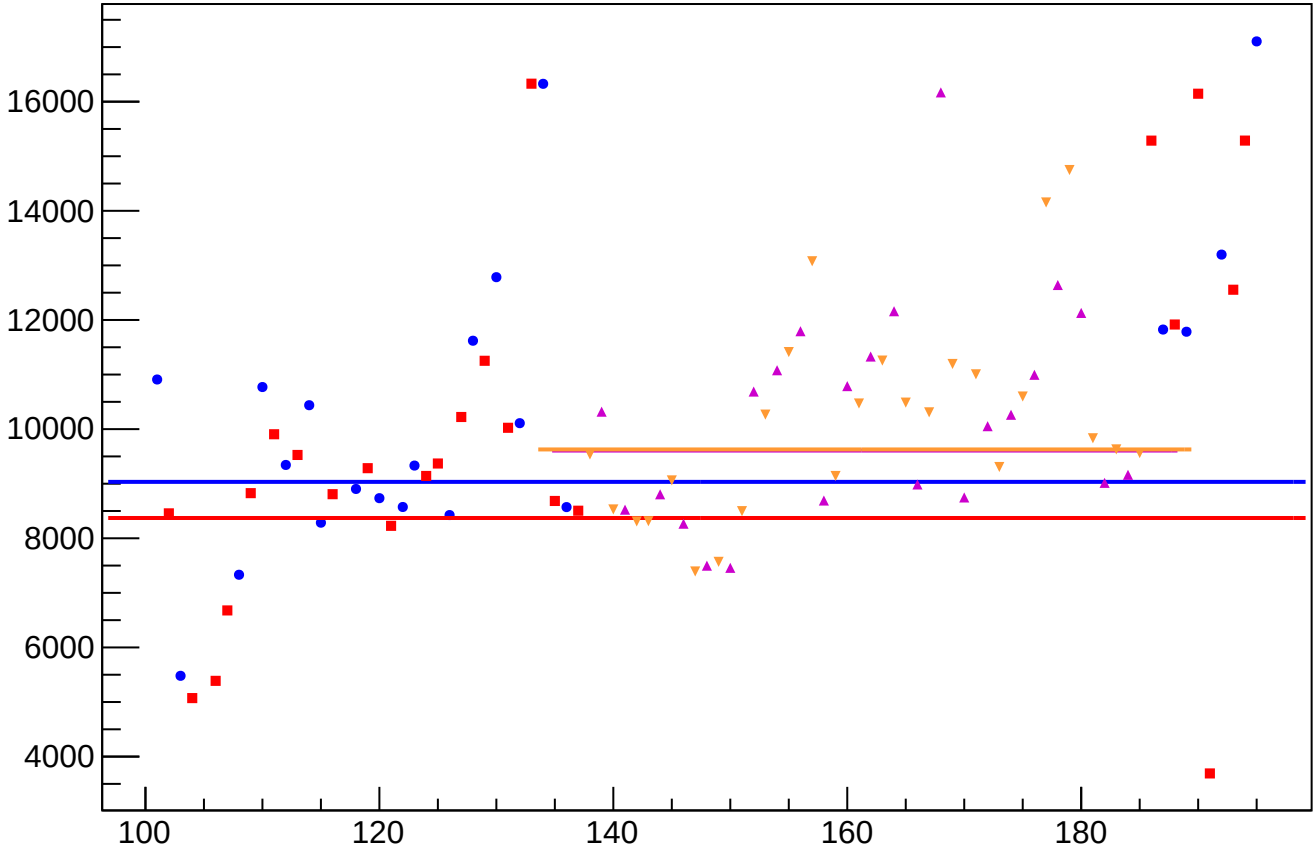
Right: 6222.592+/-2109.382 χ^2/NDF: 38.3/44

In: 4259.275+/-1886.466 χ^2/NDF:33.7/43

Out: 2350.826+/-1772.202 χ^2/NDF:48.5/48

All: 3245.506+/-1291.643 χ^2/NDF: 82.7/92

asym_atr2_rms vs Slug, Sign Corrected



Right In: 9033.690+/-2.272 χ^2/NDF: 1331085.2/20

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8371.859+/-1.977 χ^2/NDF: 2441734.1/23

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

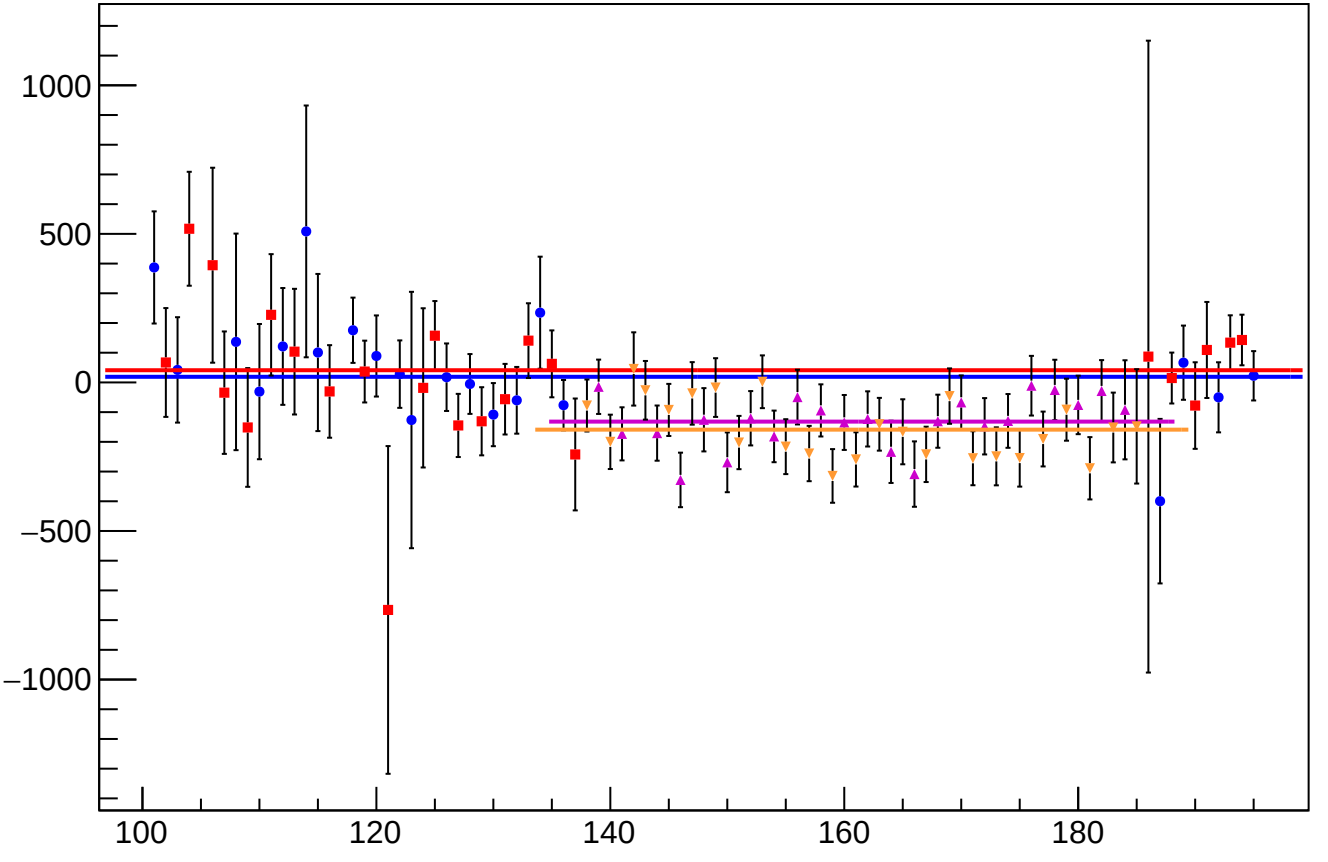
Right: 8657.172+/-1.492 χ^2/NDF: 3821107.9/44

In: 9409.680+/-1.334 χ^2/NDF:2458362.4/43

Out: 9123.467+/-1.253 χ^2/NDF:3687780.6/48

All: 9257.641+/-0.913 χ^2/NDF: 6170598.3/92

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 18.949+/-29.390 χ^2/NDF: 15.4/20

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 41.052+/-28.065 χ^2/NDF: 25.0/23

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

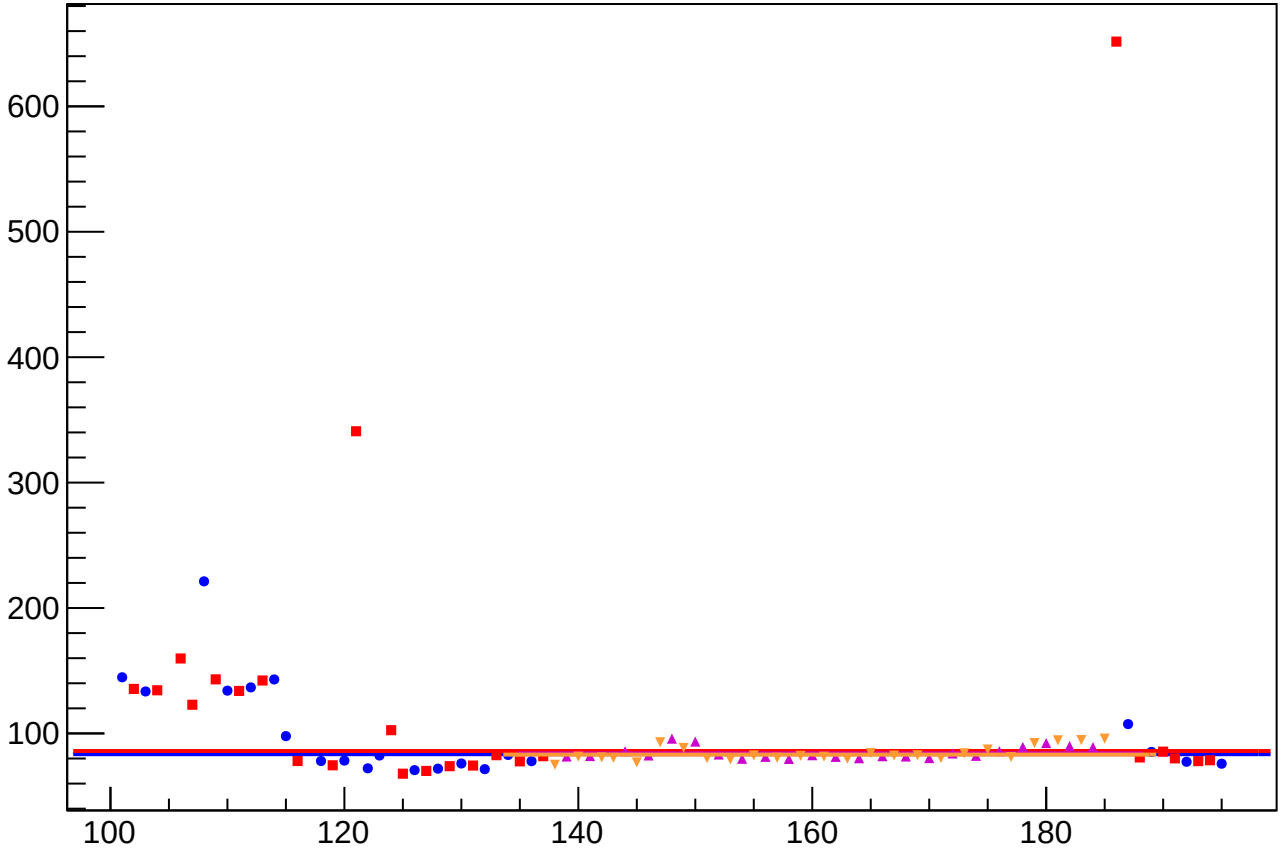
Right: 30.510+/-20.297 χ^2/NDF: 40.7/44

In: -83.892+/-16.578 χ^2/NDF:51.2/43

Out: -94.040+/-15.988 χ^2/NDF:85.1/48

All: -89.150+/-11.508 χ^2/NDF: 136.4/92

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.454+/-0.021 χ^2/NDF: 1104637.5/20

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 85.980+/-0.020 χ^2/NDF: 2071357.6/23

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

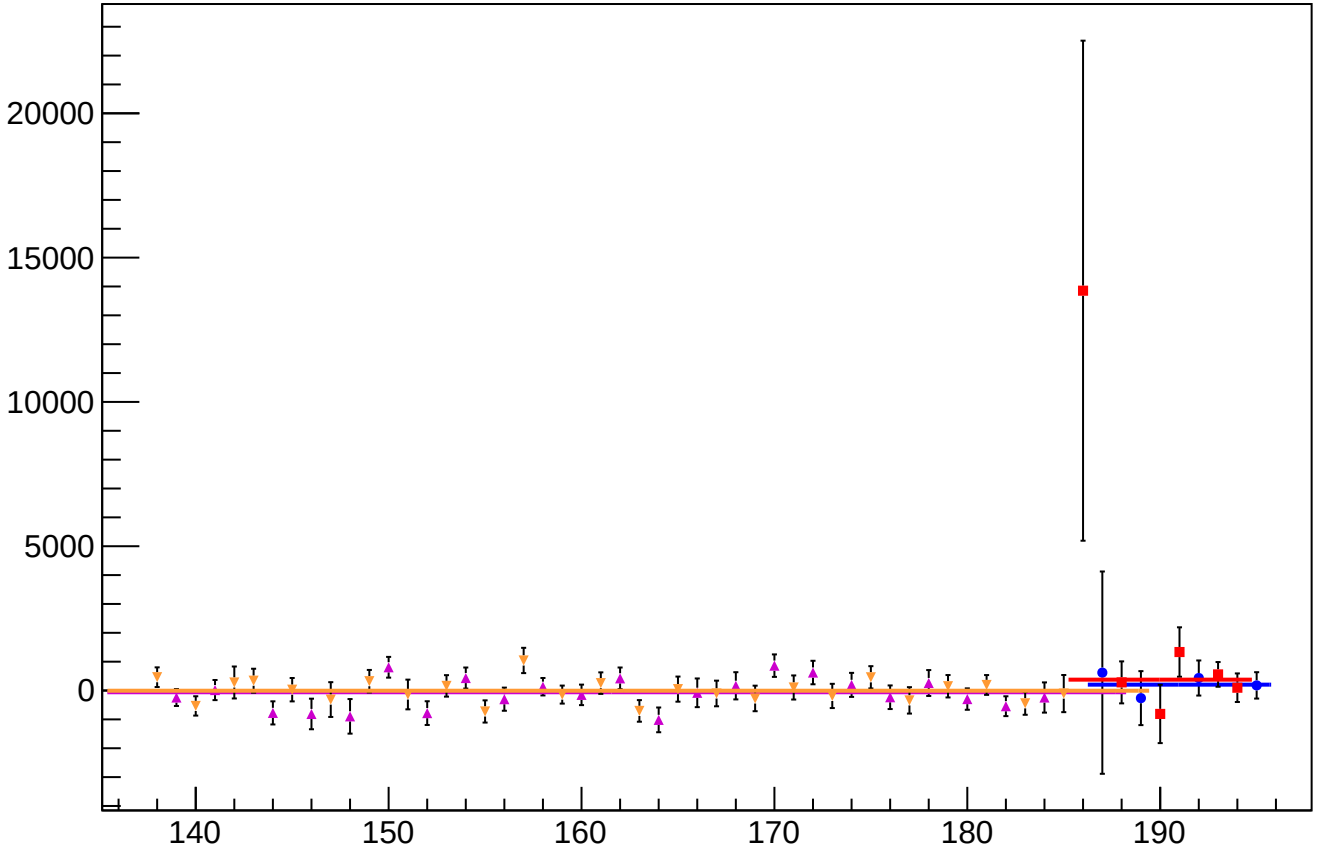
Right: 84.776+/-0.014 χ^2/NDF: 3183723.8/44

In: 83.900+/-0.012 χ^2/NDF:1202247.3/43

Out: 84.053+/-0.011 χ^2/NDF:2224071.7/48

All: 83.979+/-0.008 χ^2/NDF: 3426406.4/92

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 203.762+/-338.664 χ^2/NDF: 0.4/3

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 376.782+/-269.394 χ^2/NDF: 5.6/5

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

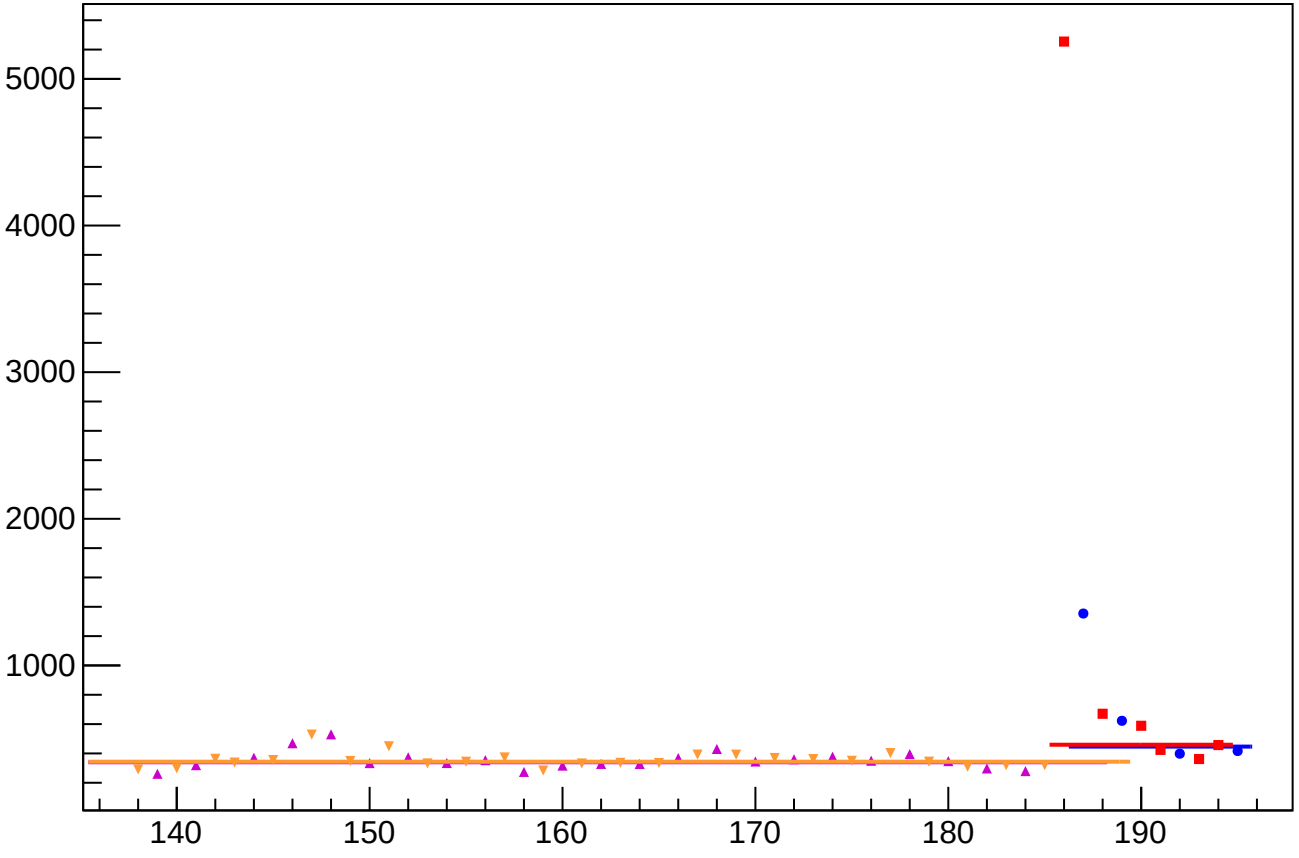
Right: 309.731+/-210.827 χ^2/NDF: 6.1/9

In: -45.351+/-79.740 χ^2/NDF:39.0/26

Out: 25.260+/-77.691 χ^2/NDF:31.8/30

All: -9.126+/-55.646 χ^2/NDF: 71.2/57

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 446.623+/-0.239 χ^2/NDF: 226180.7/3

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 459.361+/-0.190 χ^2/NDF: 921237.2/5

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

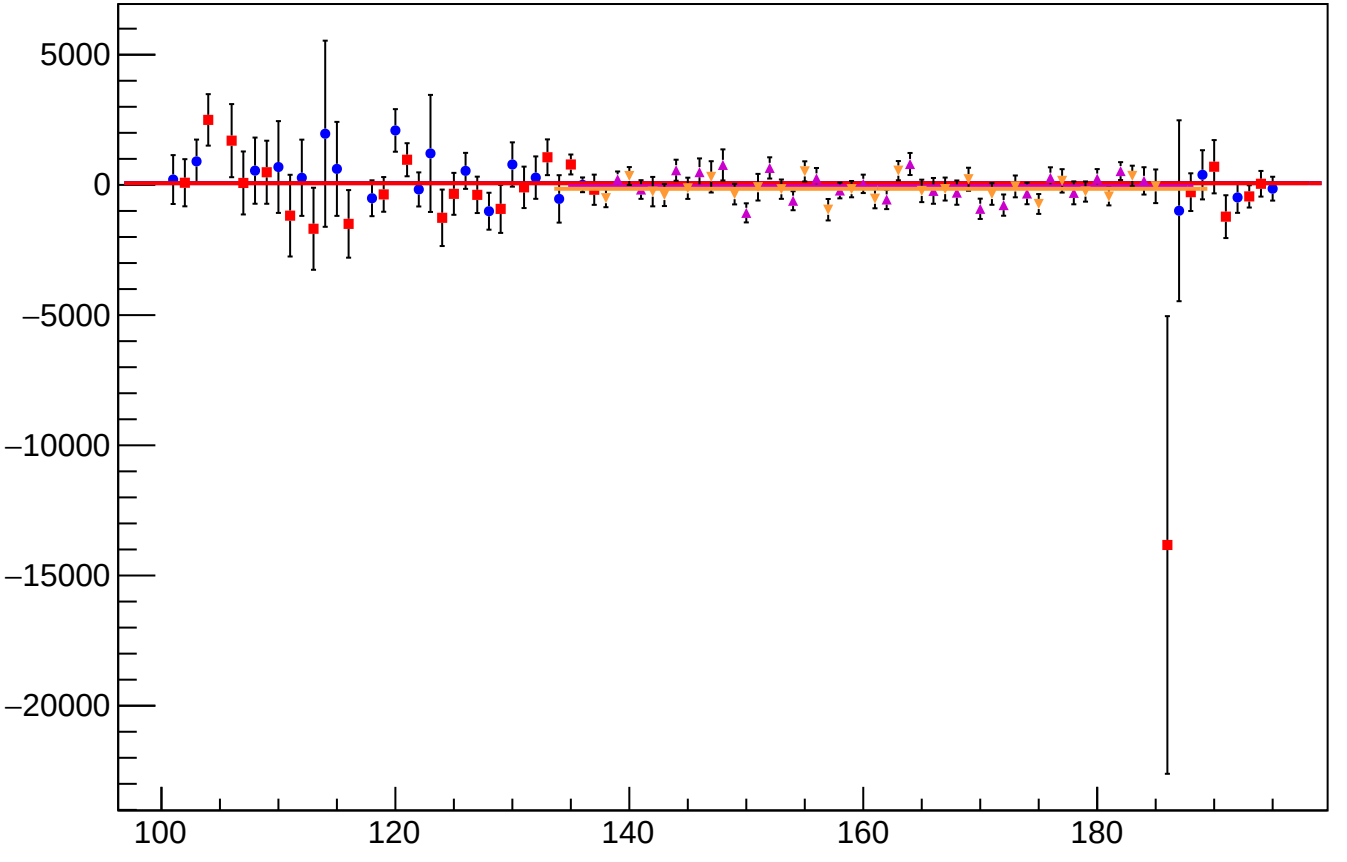
Right: 454.424+/-0.149 χ^2/NDF: 1149150.7/9

In: 345.726+/-0.056 χ^2/NDF:1213871.8/26

Out: 353.246+/-0.055 χ^2/NDF:1830795.3/30

All: 349.584+/-0.039 χ^2/NDF: 3053793.5/57

asym_sam1_mean vs Slug, Sign Corrected



Right In: 68.969+/-158.209 χ^2/NDF: 14.2/20

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 64.672+/-151.976 χ^2/NDF: 29.4/23

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

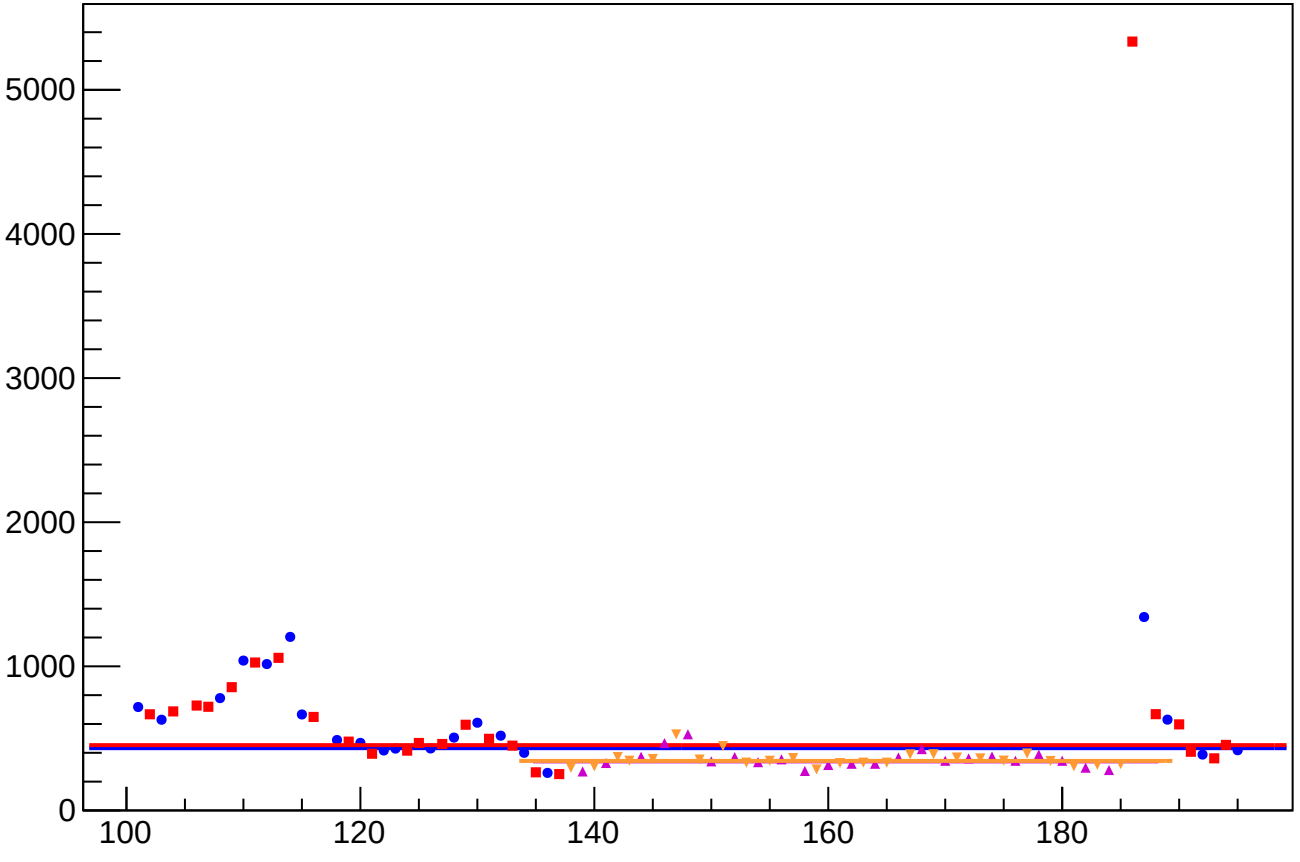
Right: 66.734+/-109.601 χ^2/NDF: 43.6/44

In: -29.775+/-72.911 χ^2/NDF:54.4/43

Out: -101.567+/-71.493 χ^2/NDF:52.9/48

All: -66.376+/-51.047 χ^2/NDF: 107.9/92

asym_sam1_rms vs Slug, Sign Corrected



Right In: 432.140+/-0.112 χ^2/NDF: 2251376.2/20

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 453.150+/-0.107 χ^2/NDF: 2958686.5/23

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

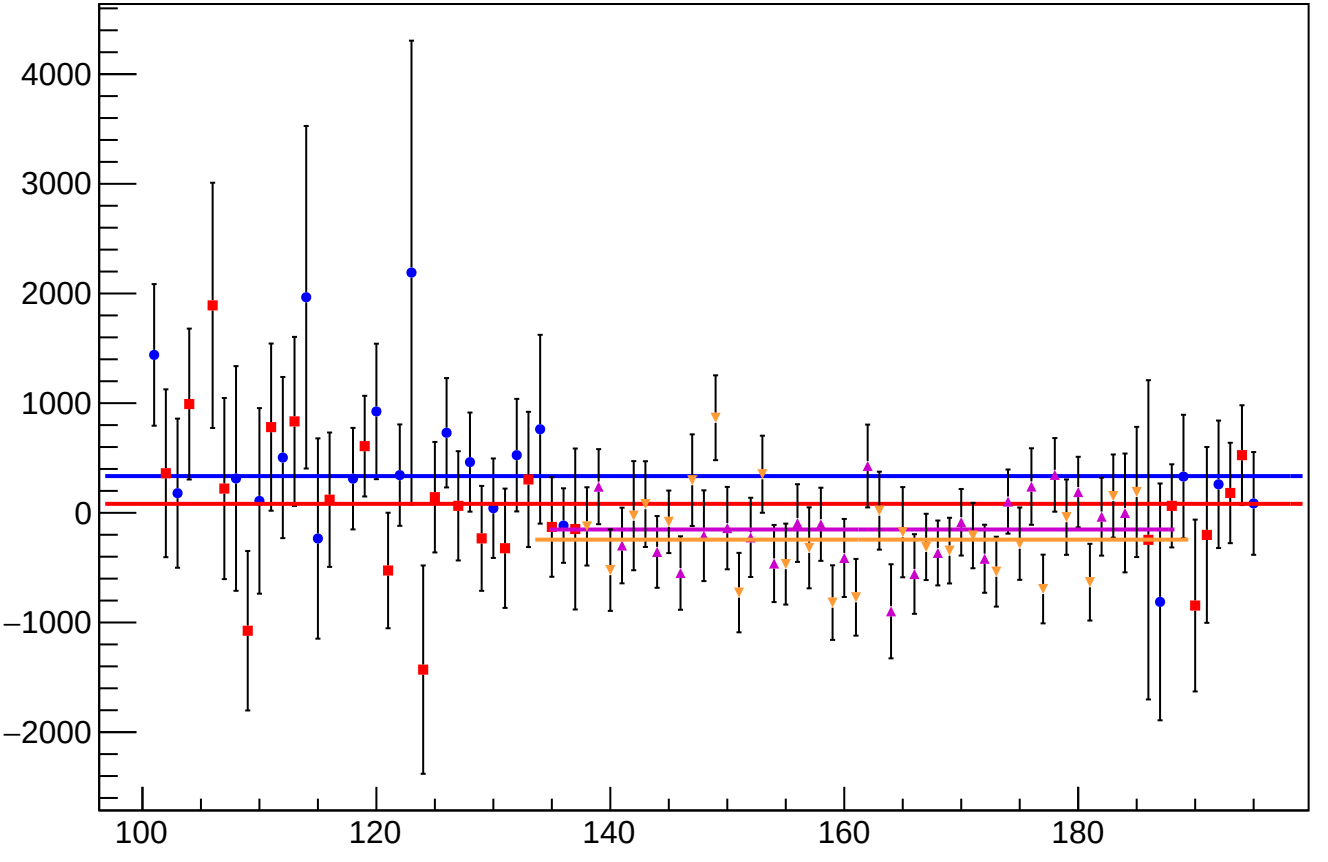
Right: 443.067+/-0.077 χ^2/NDF: 5228406.6/44

In: 359.978+/-0.052 χ^2/NDF:3516711.3/43

Out: 367.969+/-0.051 χ^2/NDF:4304782.8/48

All: 364.052+/-0.036 χ^2/NDF: 7833742.6/92

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 334.923+/-127.322 χ^2/NDF: 11.0/20

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 81.995+/-120.574 χ^2/NDF: 18.1/23

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

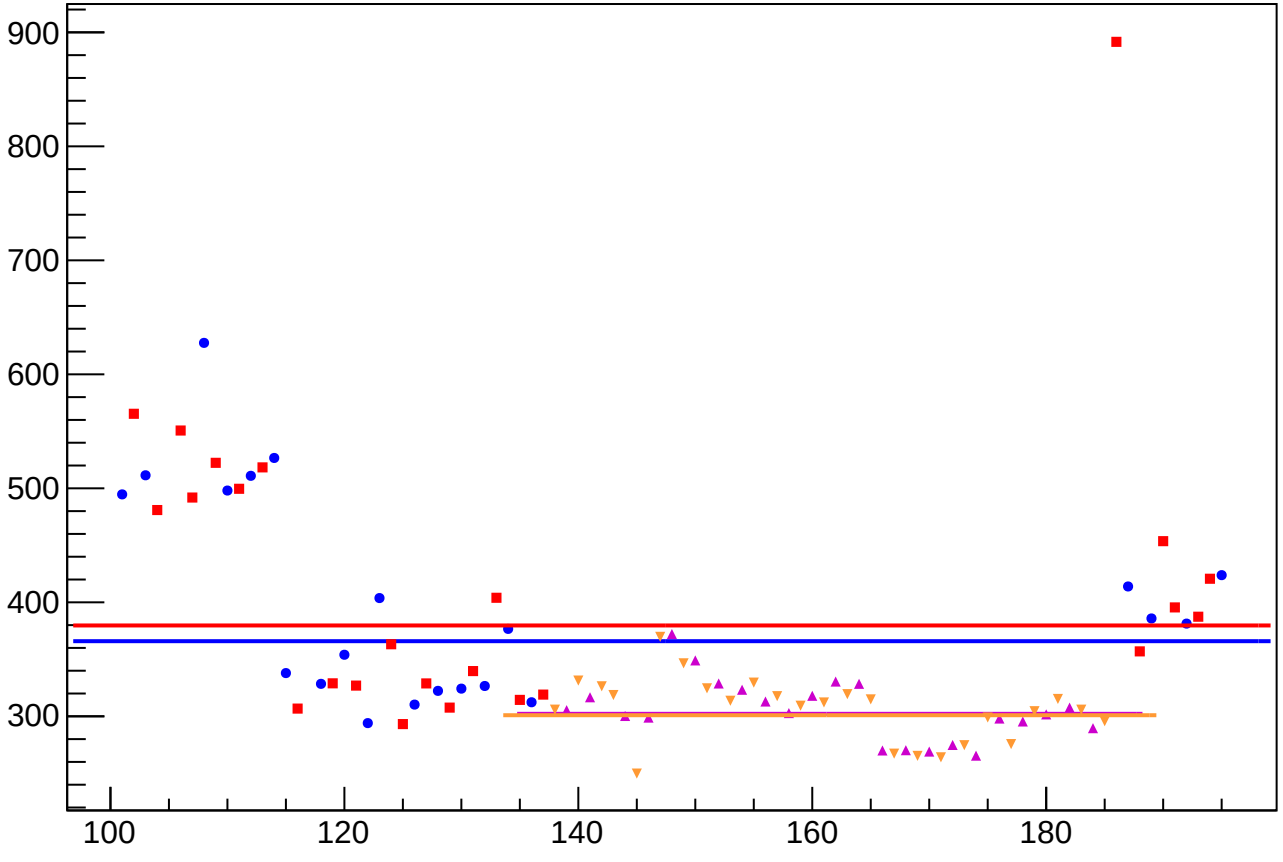
Right: 201.579+/-87.547 χ^2/NDF: 31.1/44

In: -33.267+/-62.878 χ^2/NDF:40.2/43

Out: -161.047+/-60.948 χ^2/NDF:52.4/48

All: -99.149+/-43.763 χ^2/NDF: 94.7/92

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 365.910+/-0.090 χ^2/NDF: 674944.4/20

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 379.701+/-0.085 χ^2/NDF: 993718.2/23

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

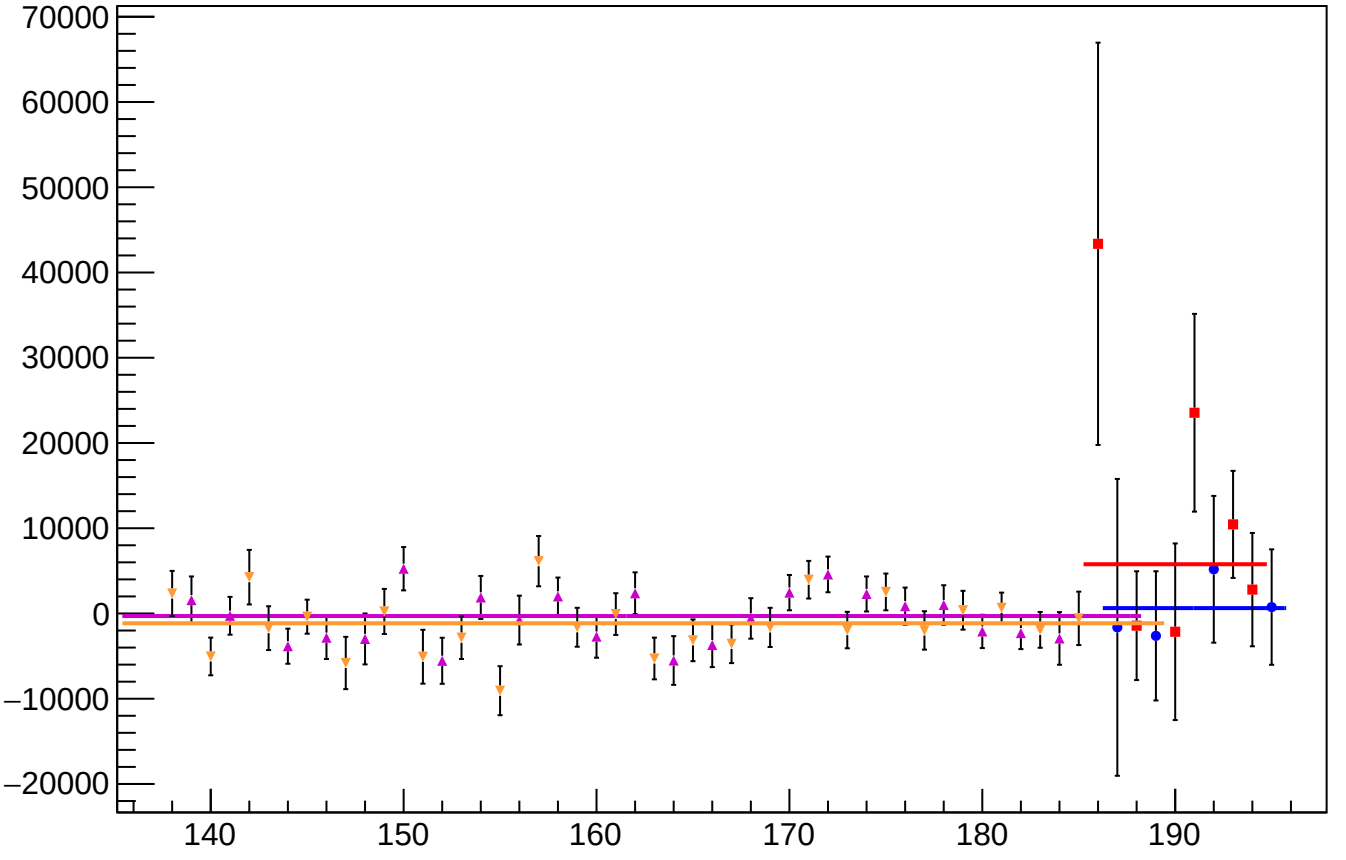
Right: 373.181+/-0.062 χ^2/NDF: 1681032.3/44

In: 317.723+/-0.044 χ^2/NDF:1301291.6/43

Out: 321.079+/-0.043 χ^2/NDF:1950917.7/48

All: 319.453+/-0.031 χ^2/NDF: 3255147.6/92

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 629.811+/-4225.299 χ^2/NDF: 0.5/3

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 5776.683+/-3313.442 χ^2/NDF: 7.5/5

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

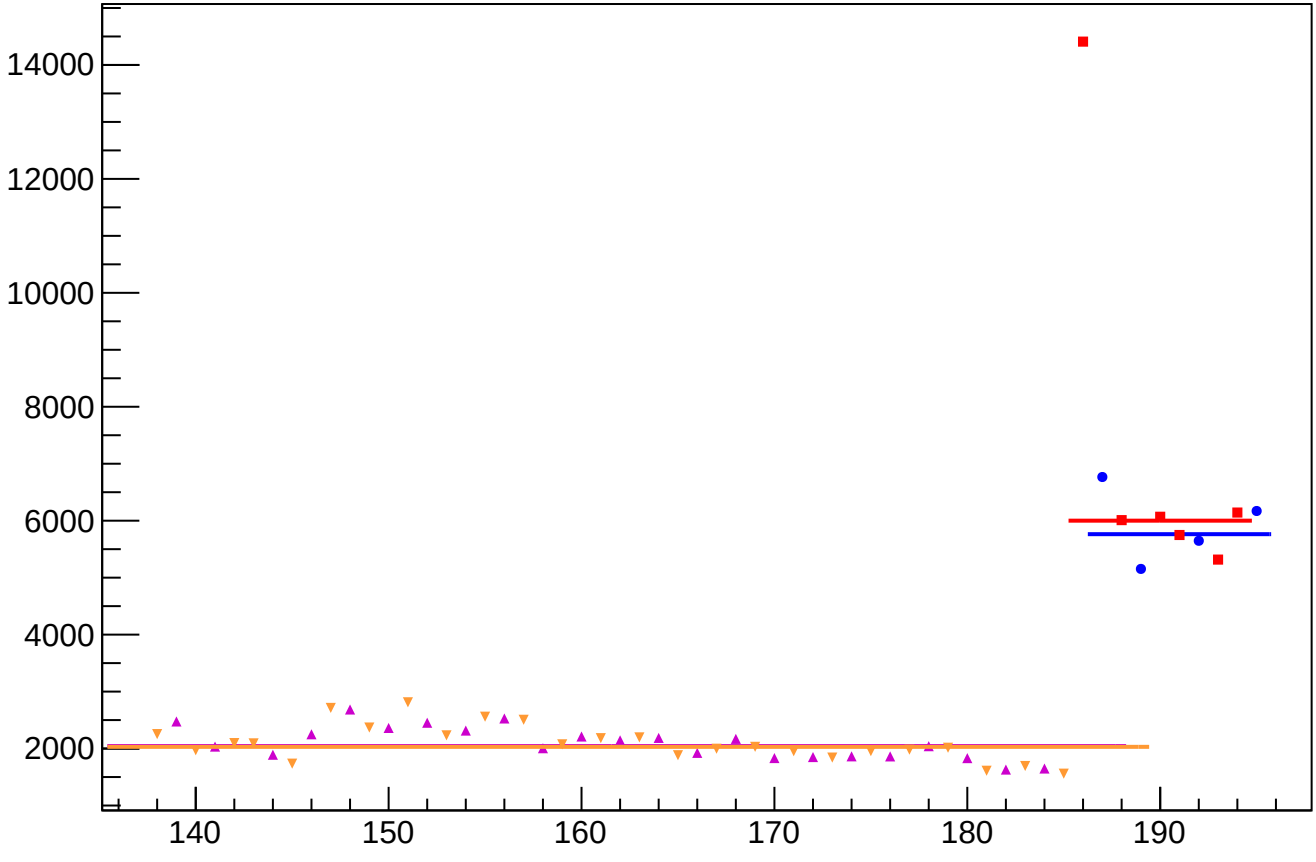
Right: 3816.817+/-2607.348 χ^2/NDF: 8.9/9

In: -286.518+/-488.184 χ^2/NDF:35.5/26

Out: -1004.194+/-474.993 χ^2/NDF:53.1/30

All: -655.183+/-340.439 χ^2/NDF: 89.7/57

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5763.319+/-2.988 χ^2/NDF: 27183.8/3

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6000.454+/-2.343 χ^2/NDF: 279665.6/5

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

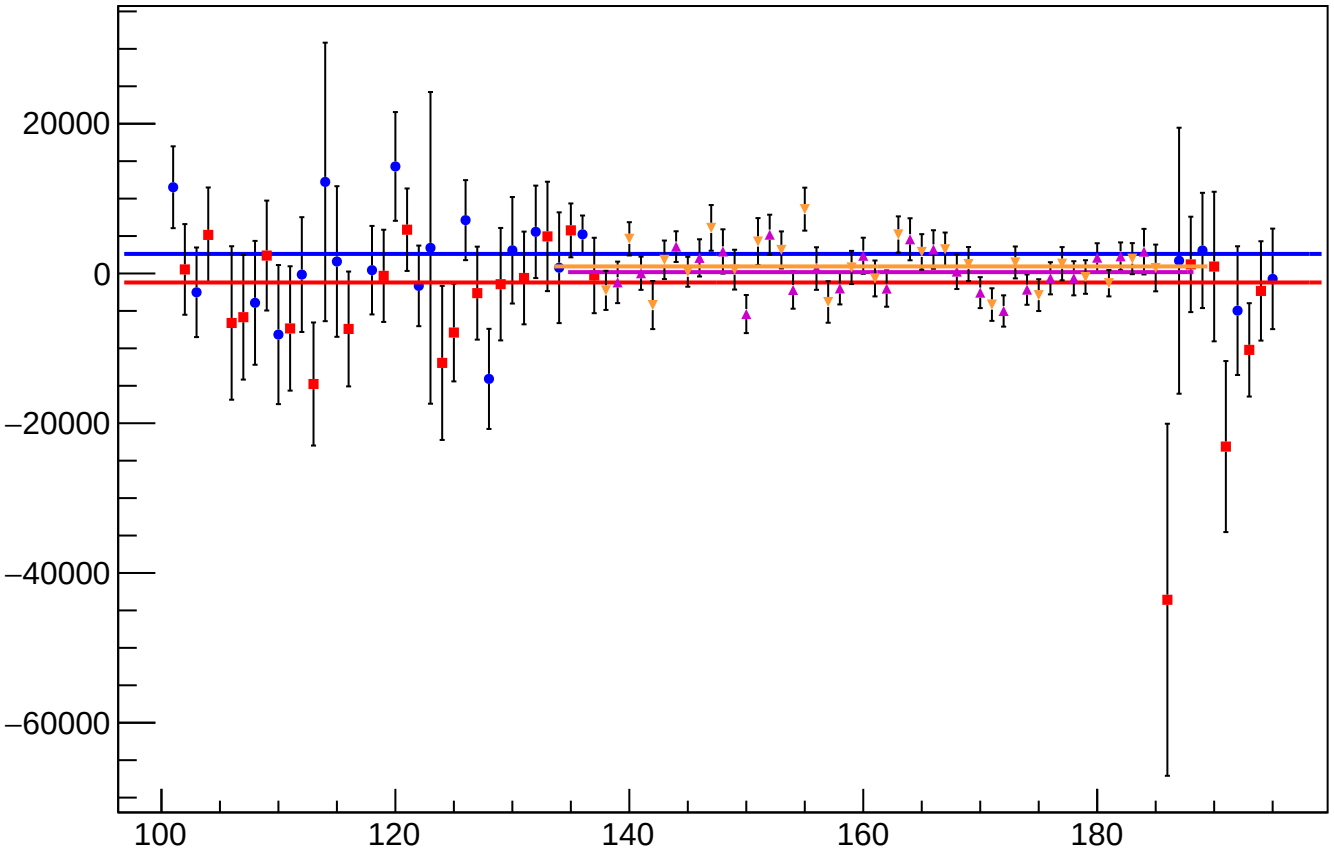
Right: 5910.156+/-1.844 χ^2/NDF: 310750.1/9

In: 2093.705+/-0.345 χ^2/NDF:2126666.1/26

Out: 2111.769+/-0.336 χ^2/NDF:3794703.2/30

All: 2102.984+/-0.241 χ^2/NDF: 5922776.0/57

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2613.141+/-1363.737 χ^2/NDF: 18.5/20

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -1201.222+/-1372.117 χ^2/NDF: 23.4/23

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

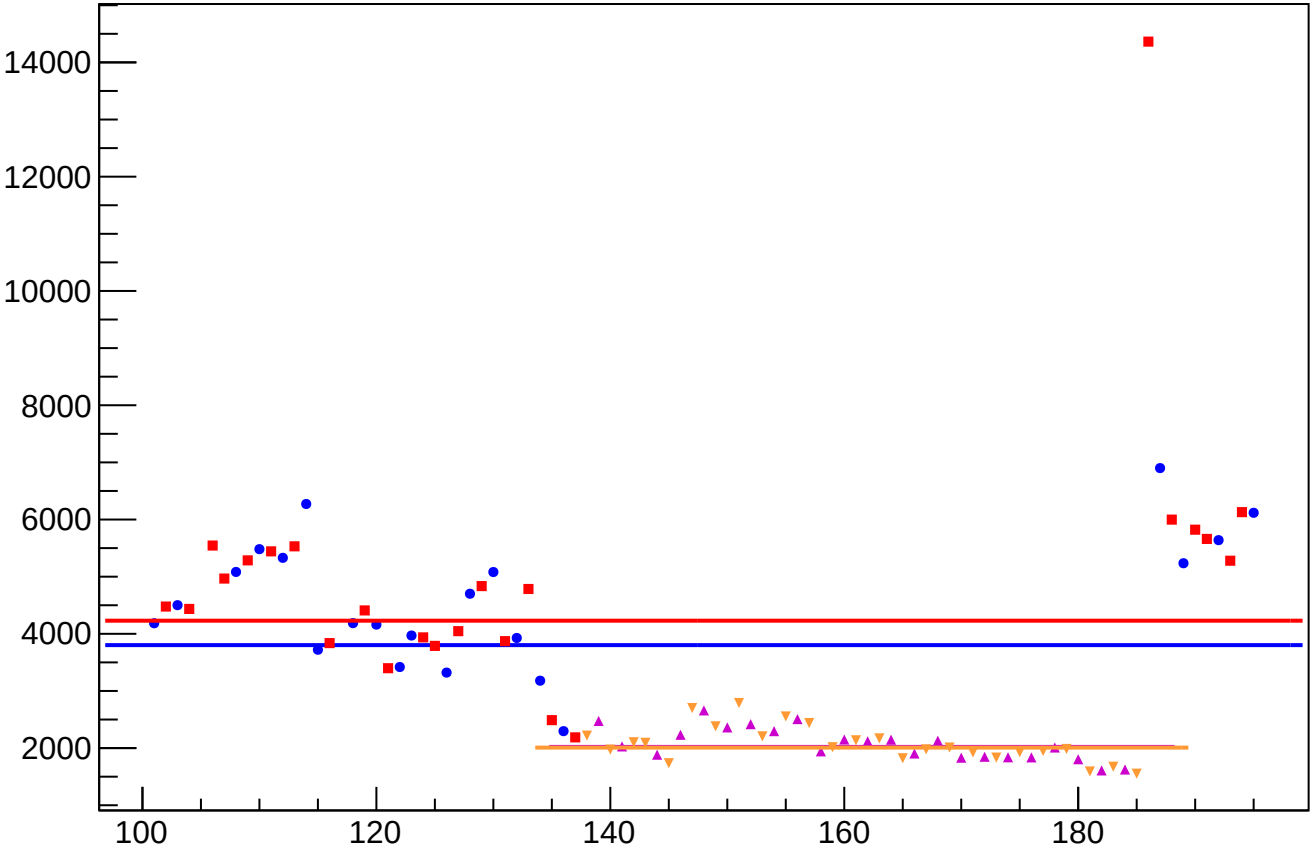
Right: 717.643+/-967.257 χ^2/NDF: 45.8/44

In: 454.381+/-457.891 χ^2/NDF:54.2/43

Out: 713.817+/-448.391 χ^2/NDF:63.9/48

All: 586.818+/-320.366 χ^2/NDF: 118.3/92

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3802.245+/-0.964 χ^2/NDF: 1598655.8/20

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4229.601+/-0.970 χ^2/NDF: 1910458.9/23

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

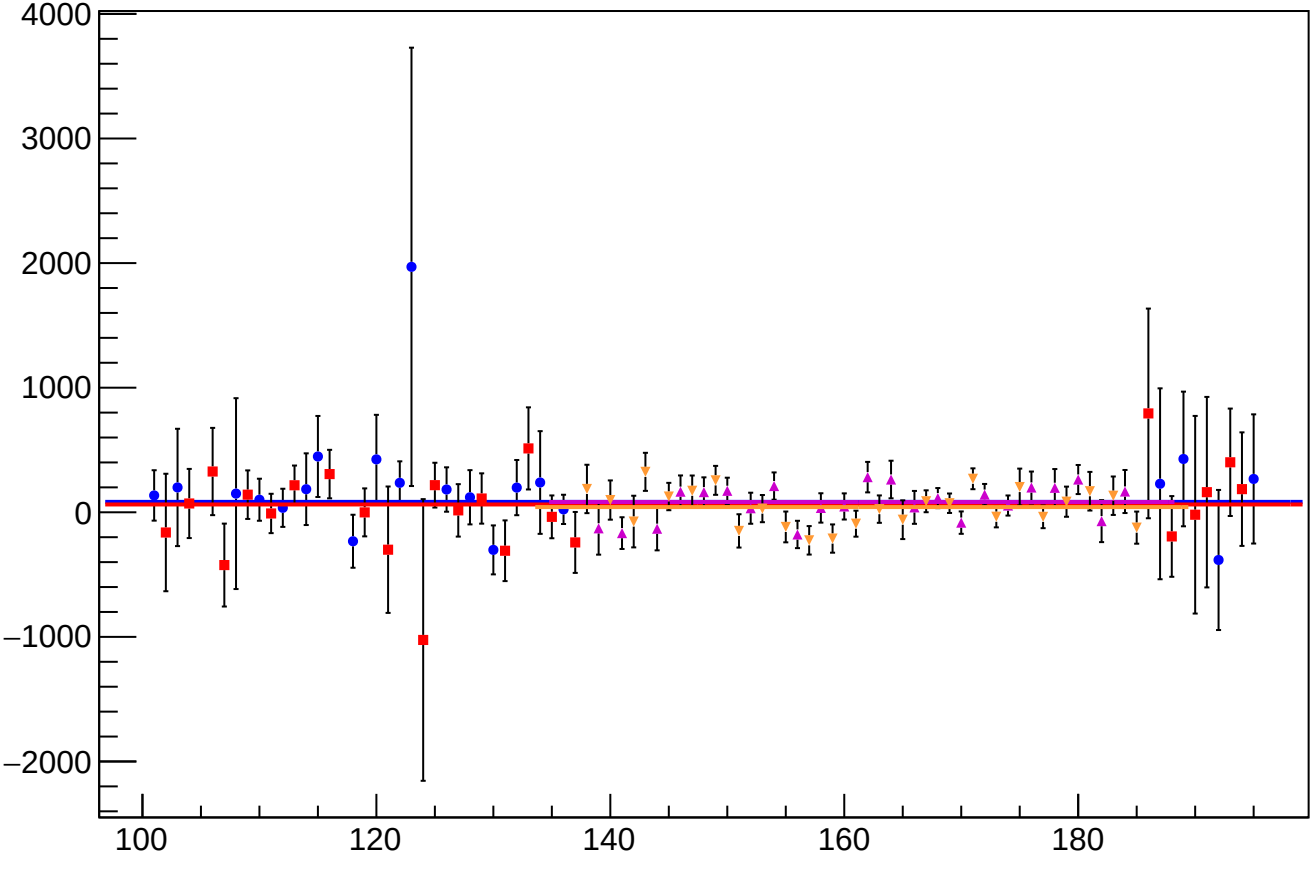
Right: 4014.614+/-0.684 χ^2/NDF: 3606714.7/44

In: 2221.711+/-0.324 χ^2/NDF:5202797.8/43

Out: 2246.047+/-0.317 χ^2/NDF:7299032.6/48

All: 2234.134+/-0.227 χ^2/NDF: 12504714.4/9

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 83.563+/-51.087 χ^2/NDF: 12.8/20

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 62.745+/-51.421 χ^2/NDF: 16.4/23

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

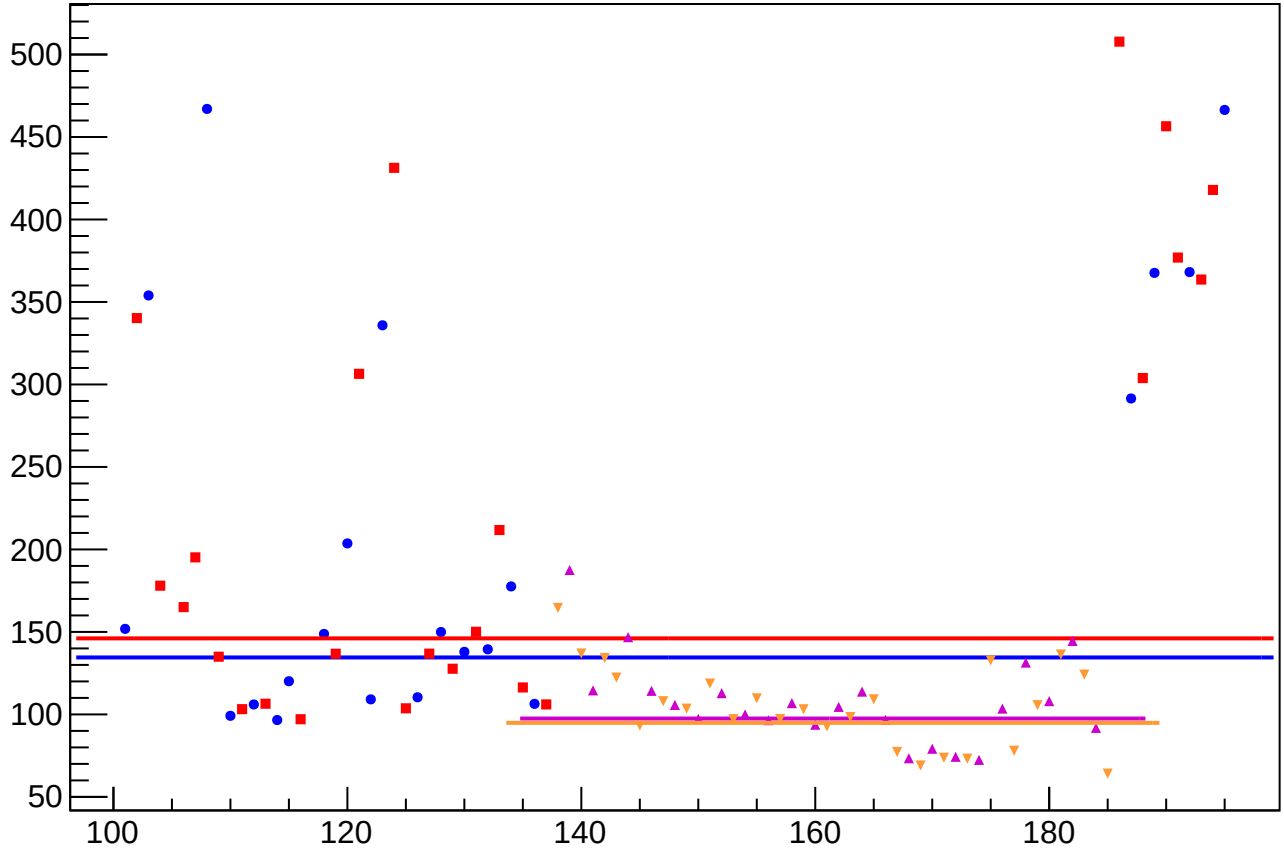
Right: 73.222+/-36.242 χ^2/NDF: 29.3/44

In: 82.800+/-21.836 χ^2/NDF:41.4/43

Out: 45.340+/-21.022 χ^2/NDF:55.7/48

All: 63.359+/-15.145 χ^2/NDF: 98.6/92

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 134.528+/-0.036 χ^2/NDF: 2981304.7/20

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 146.095+/-0.036 χ^2/NDF: 4032537.0/23

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

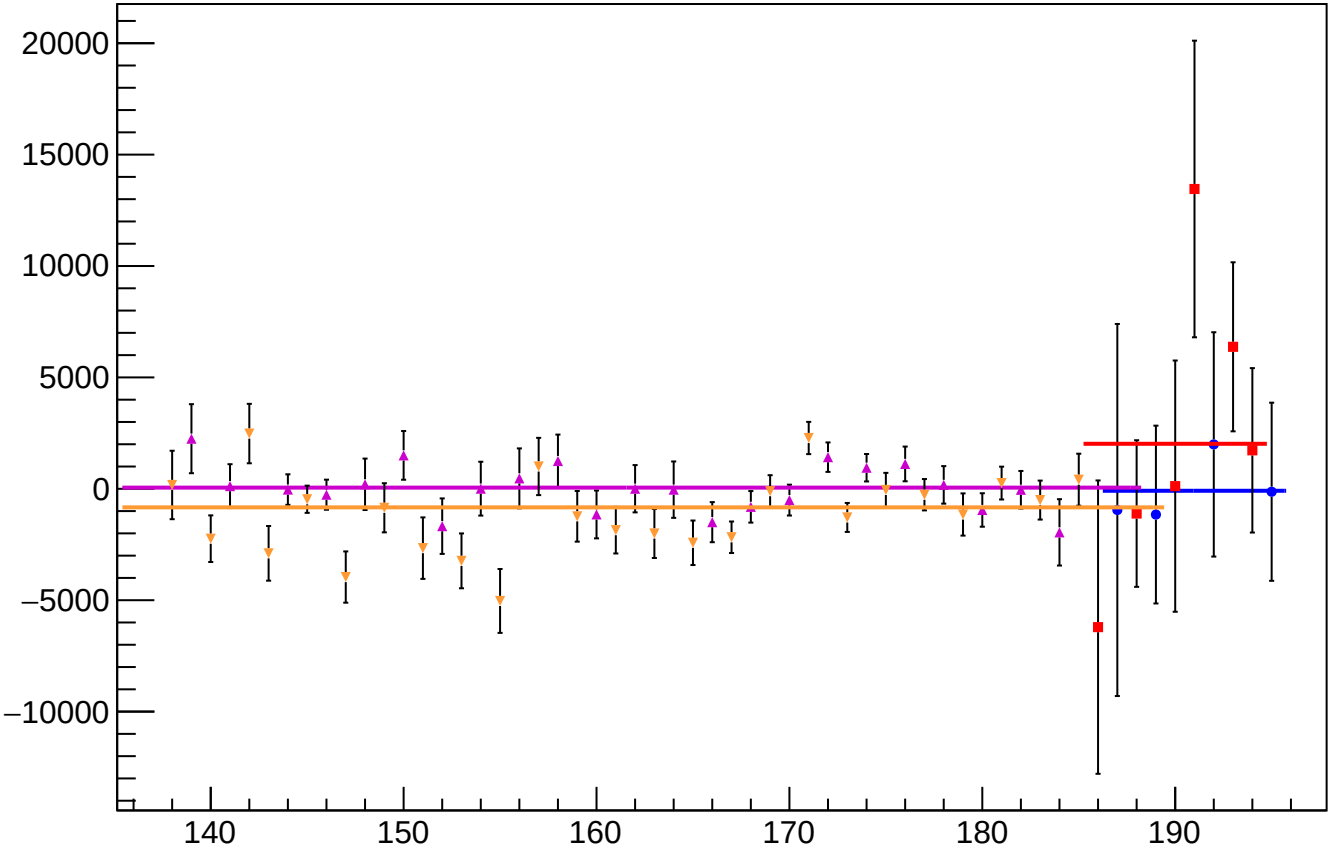
Right: 140.274+/-0.026 χ^2/NDF: 7064767.3/44

In: 104.264+/-0.015 χ^2/NDF:5401447.2/43

Out: 103.445+/-0.015 χ^2/NDF:7481376.9/48

All: 103.839+/-0.011 χ^2/NDF: 12884282.2/92

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -88.590+/-2362.495 χ^2/NDF: 0.3/3

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 2020.674+/-1789.185 χ^2/NDF: 6.9/5

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

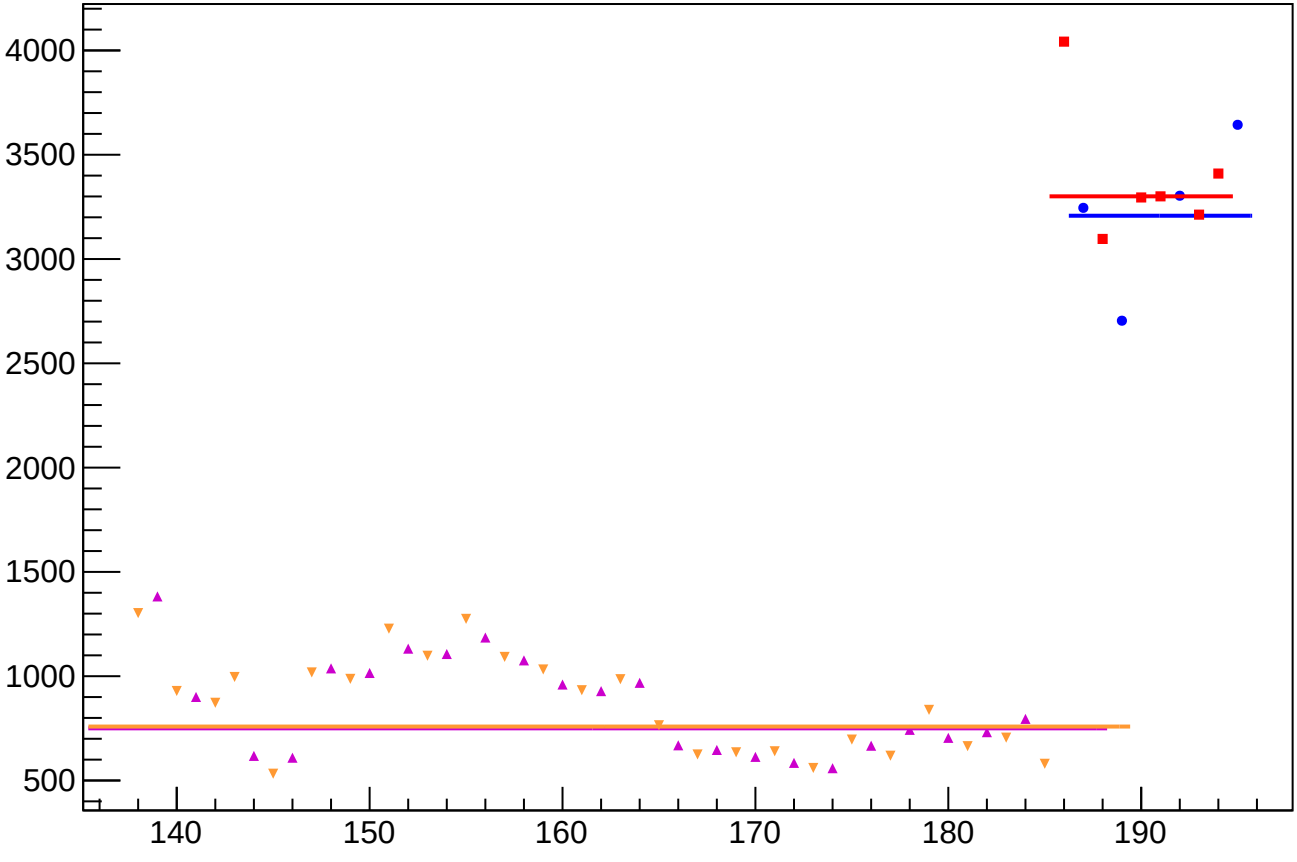
Right: 1251.862+/-1426.315 χ^2/NDF: 7.6/9

In: 52.144+/-184.307 χ^2/NDF:25.6/26

Out: -802.732+/-182.995 χ^2/NDF:78.2/30

All: -378.346+/-129.858 χ^2/NDF: 114.6/57

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 3207.604+/-1.671 χ^2/NDF: 56358.0/3

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3300.575+/-1.265 χ^2/NDF: 35911.9/5

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

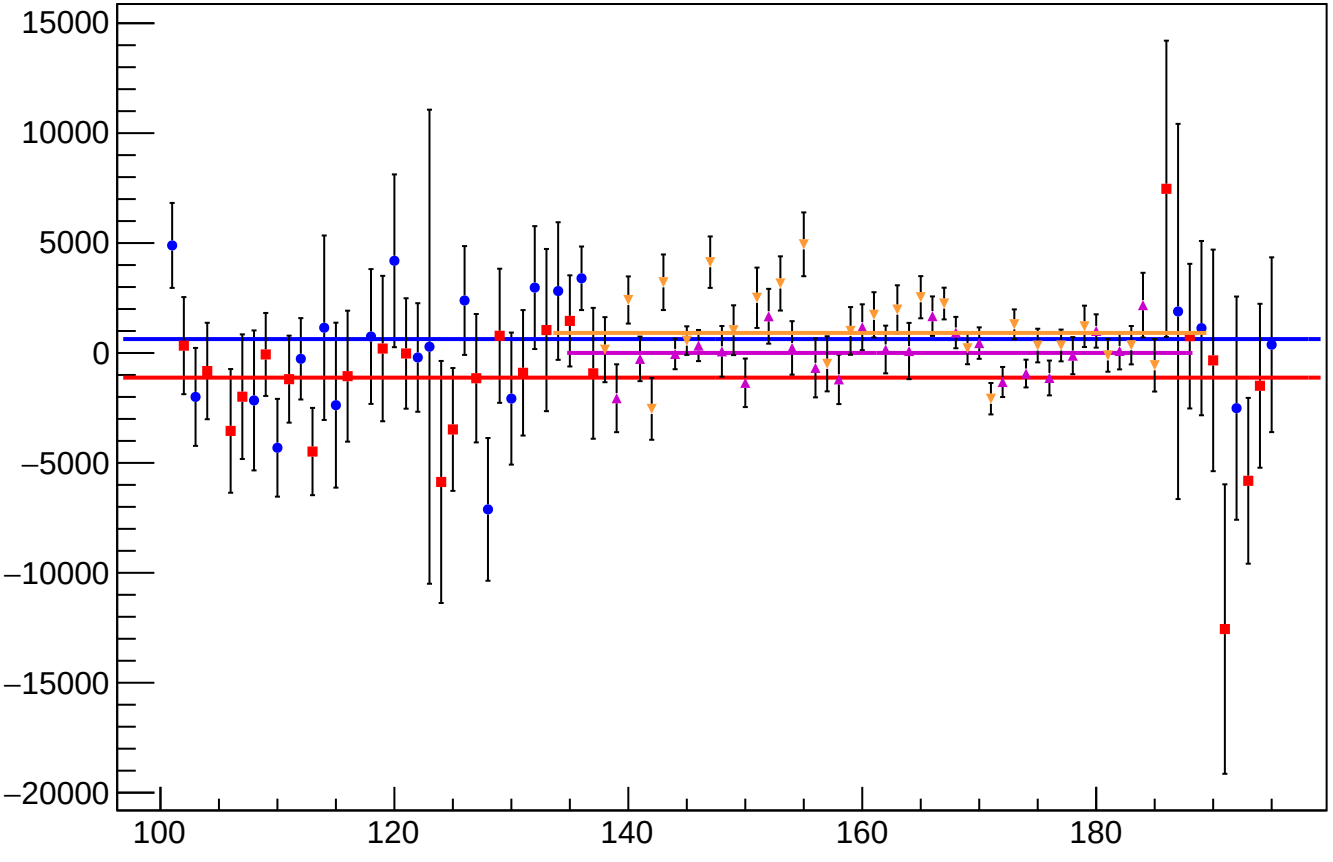
Right: 3266.688+/-1.009 χ^2/NDF: 94238.3/9

In: 764.953+/-0.130 χ^2/NDF:4394102.3/26

Out: 785.199+/-0.129 χ^2/NDF:6484397.1/30

All: 775.148+/-0.092 χ^2/NDF: 10890652.8/57

asym_sam3_mean vs Slug, Sign Corrected



Right In: 632.313+/-598.610 χ^2/NDF: 26.1/20

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1121.297+/-571.369 χ^2/NDF: 15.1/23

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

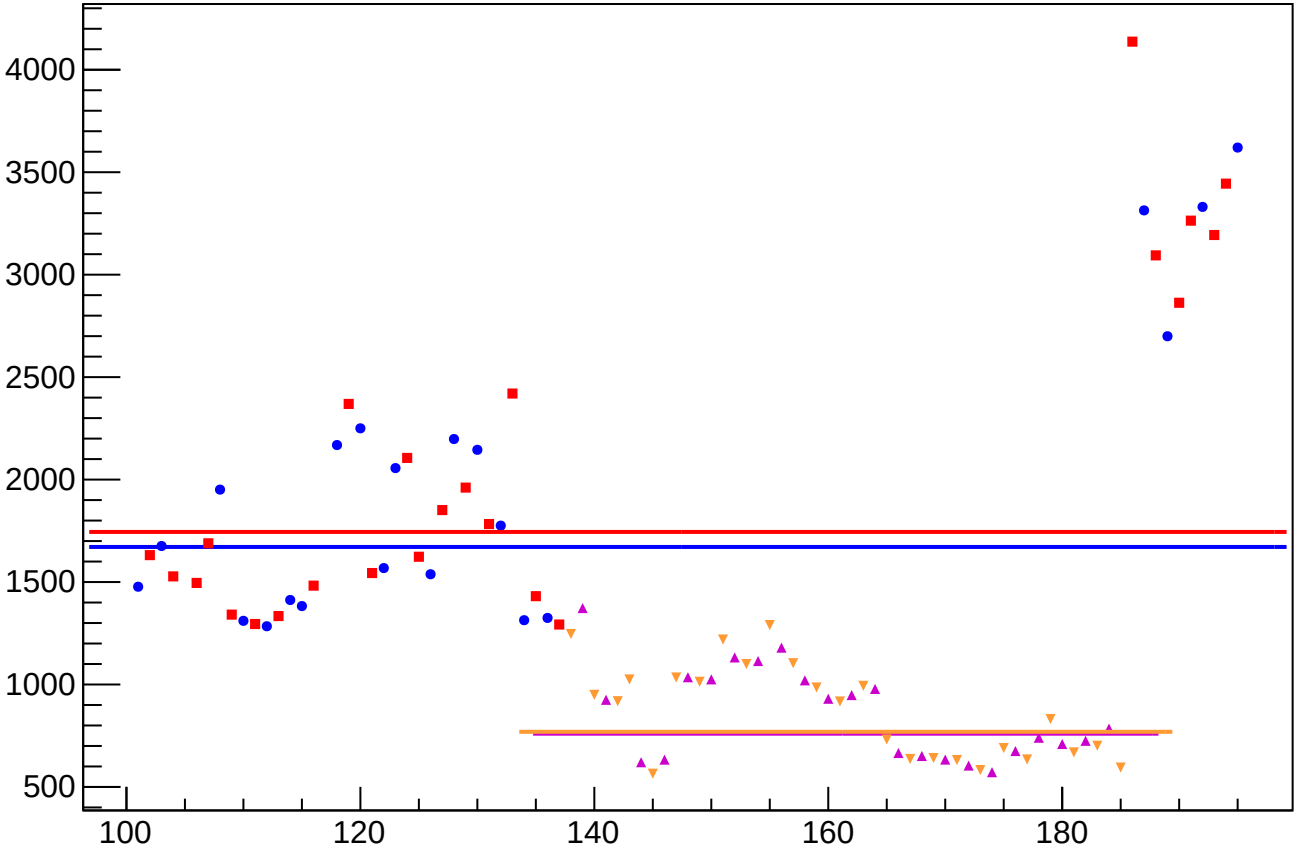
Right: -285.301+/-413.314 χ^2/NDF: 45.7/44

In: 58.618+/-178.729 χ^2/NDF:52.7/43

Out: 716.902+/-176.954 χ^2/NDF:91.5/48

All: 391.045+/-125.748 χ^2/NDF: 151.0/92

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1671.220+/-0.423 χ^2/NDF: 1452222.4/20

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1744.567+/-0.404 χ^2/NDF: 2110114.7/23

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

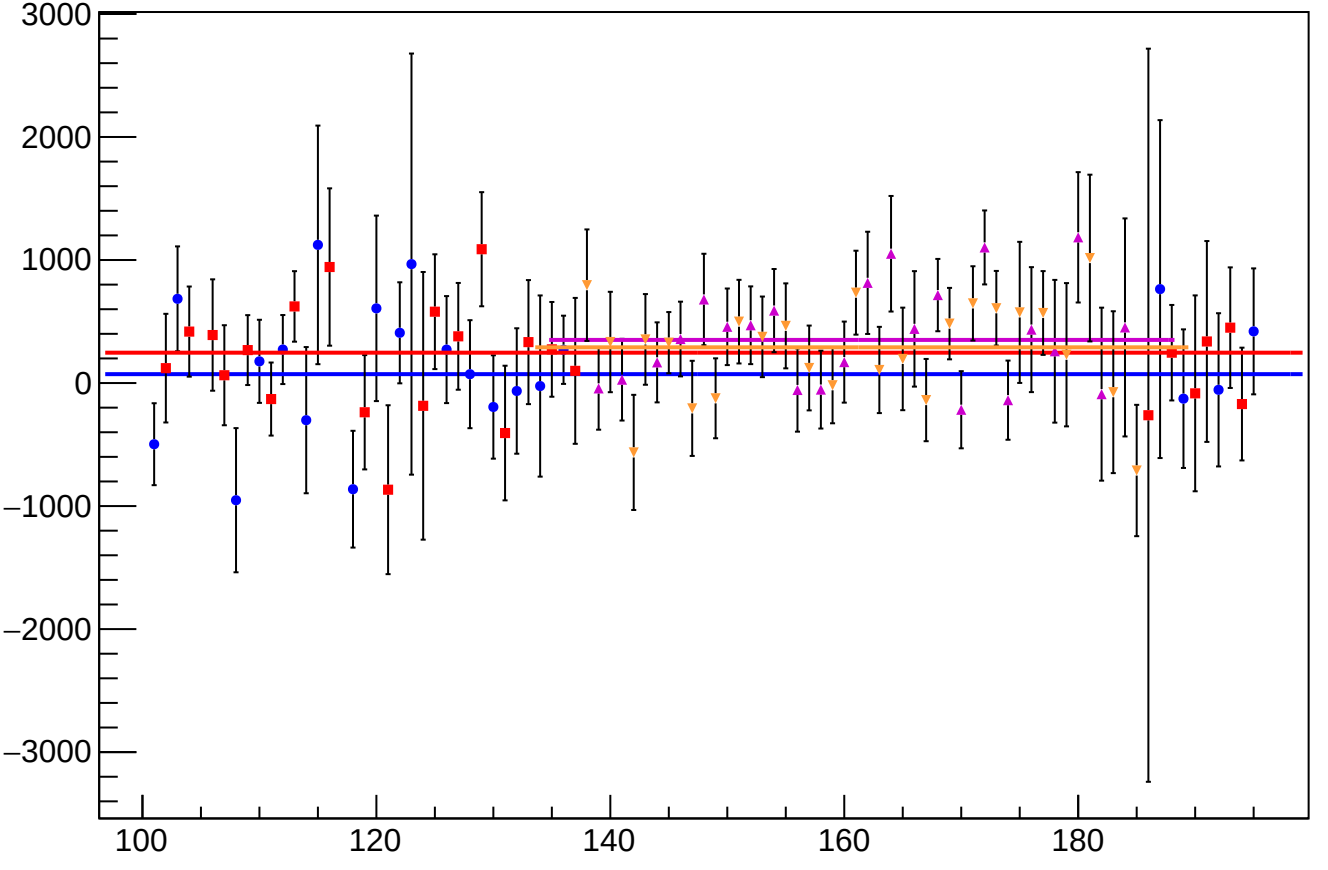
Right: 1709.600+/-0.292 χ^2/NDF: 3578049.5/44

In: 841.172+/-0.126 χ^2/NDF:7688732.7/43

Out: 862.760+/-0.125 χ^2/NDF:9654601.8/48

All: 852.074+/-0.089 χ^2/NDF: 17358068.2/92

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 72.265+/-99.899 χ^2/NDF: 17.6/20

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 246.741+/-91.422 χ^2/NDF: 15.6/23

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

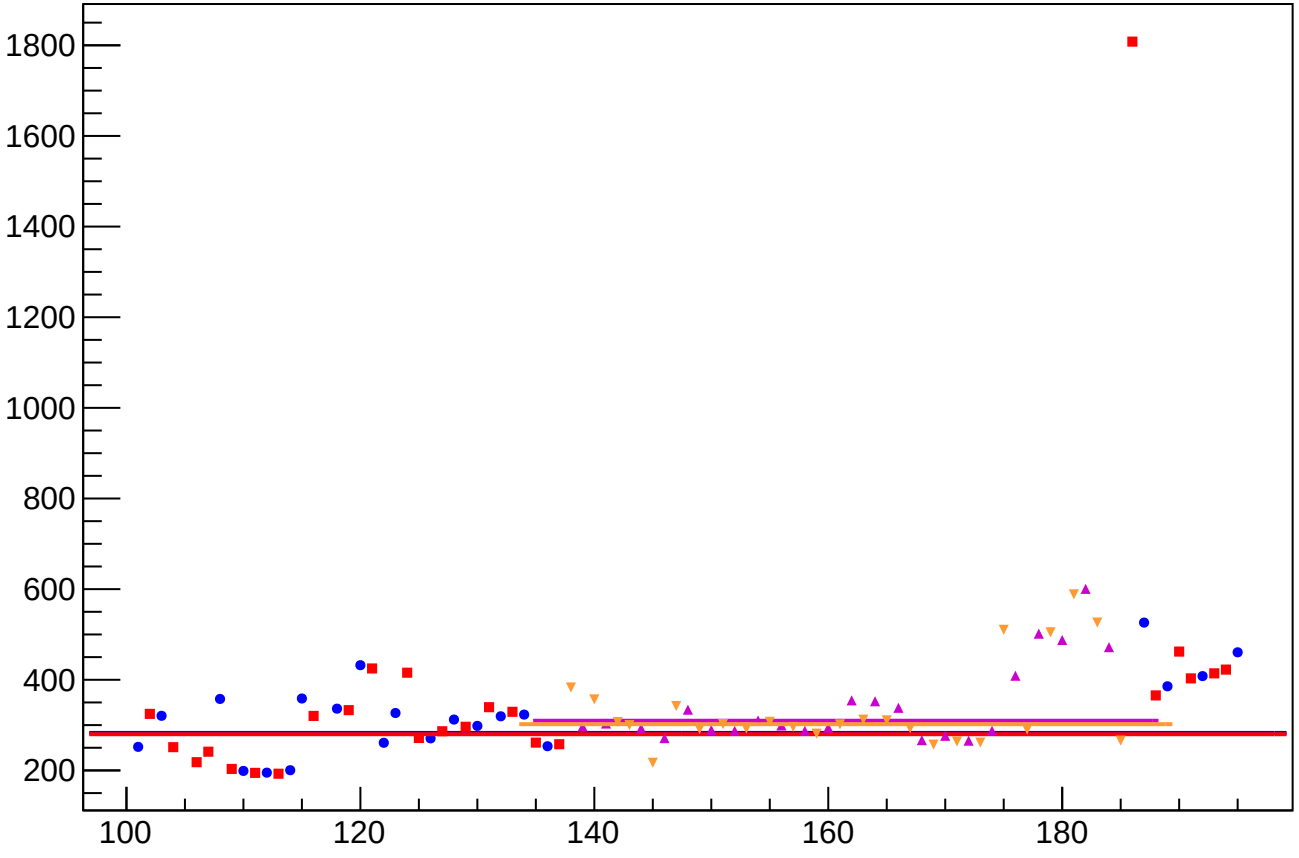
Right: 167.218+/-67.443 χ^2/NDF: 34.9/44

In: 248.666+/-60.441 χ^2/NDF:49.9/43

Out: 273.362+/-57.002 χ^2/NDF:38.1/48

All: 261.737+/-41.469 χ^2/NDF: 88.1/92

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 282.773+/-0.071 χ^2/NDF: 1049785.3/20

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 279.913+/-0.065 χ^2/NDF: 1909887.7/23

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

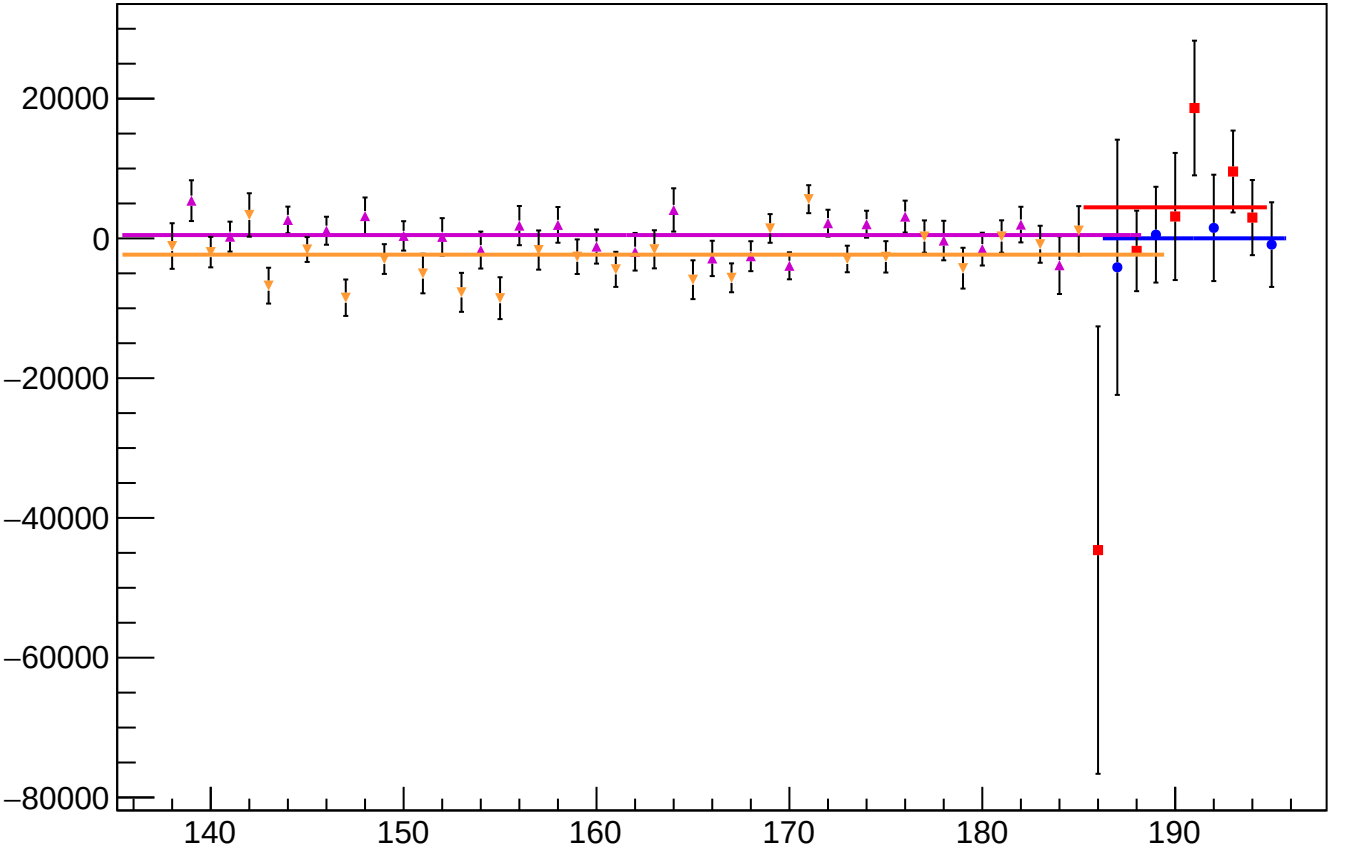
Right: 281.216+/-0.048 χ^2/NDF: 2960565.0/44

In: 299.786+/-0.043 χ^2/NDF:2321565.8/43

Out: 293.438+/-0.040 χ^2/NDF:3578736.6/48

All: 296.426+/-0.029 χ^2/NDF: 5911977.5/92

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 11.262+/-3812.264 χ^2/NDF: 0.1/3

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 4448.167+/-2915.117 χ^2/NDF: 6.6/5

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

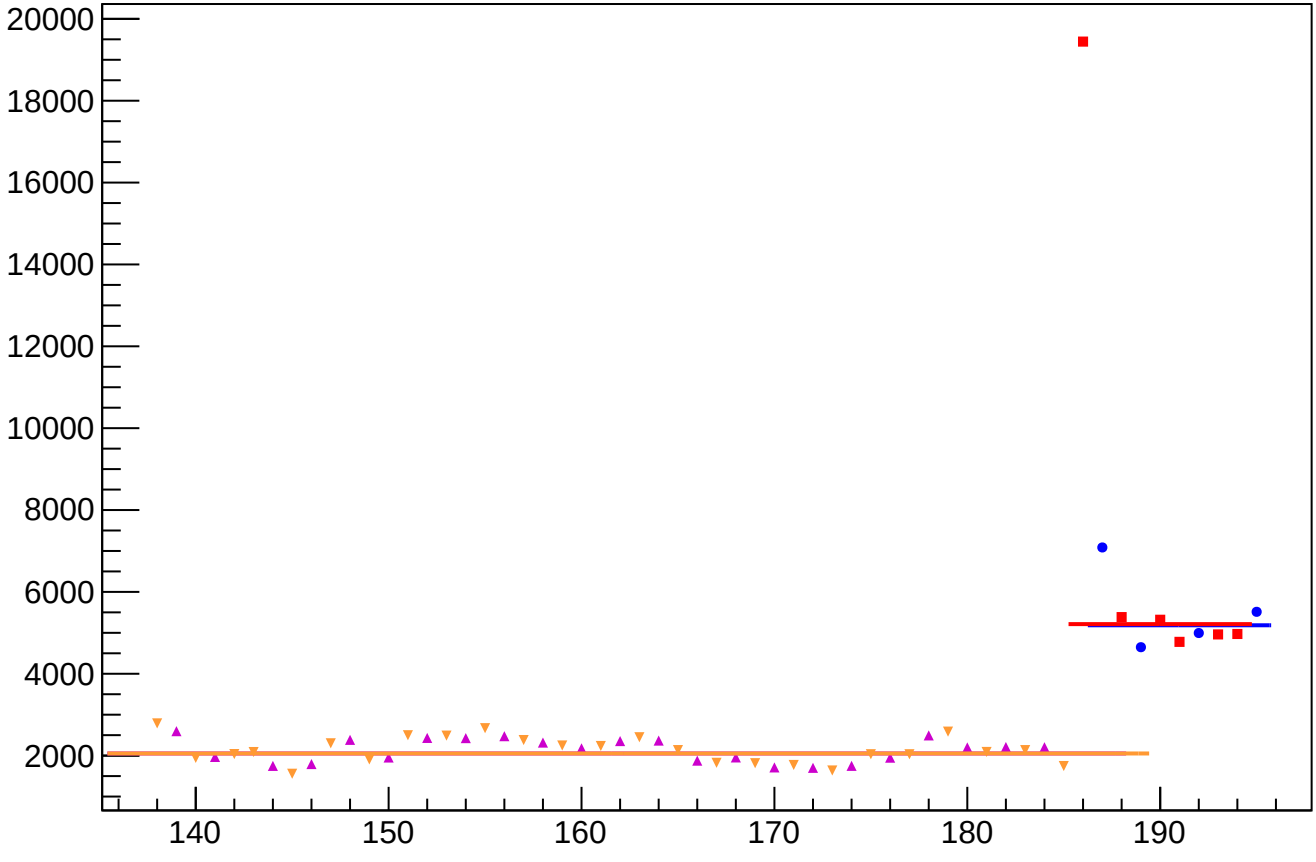
Right: 2811.070+/-2315.688 χ^2/NDF: 7.5/9

In: 470.068+/-490.127 χ^2/NDF:23.2/26

Out: -2142.276+/-479.425 χ^2/NDF:61.6/30

All: -864.936+/-342.726 χ^2/NDF: 99.3/57

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 5184.489+/-2.696 χ^2/NDF: 41021.4/3

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5212.867+/-2.061 χ^2/NDF: 409054.9/5

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

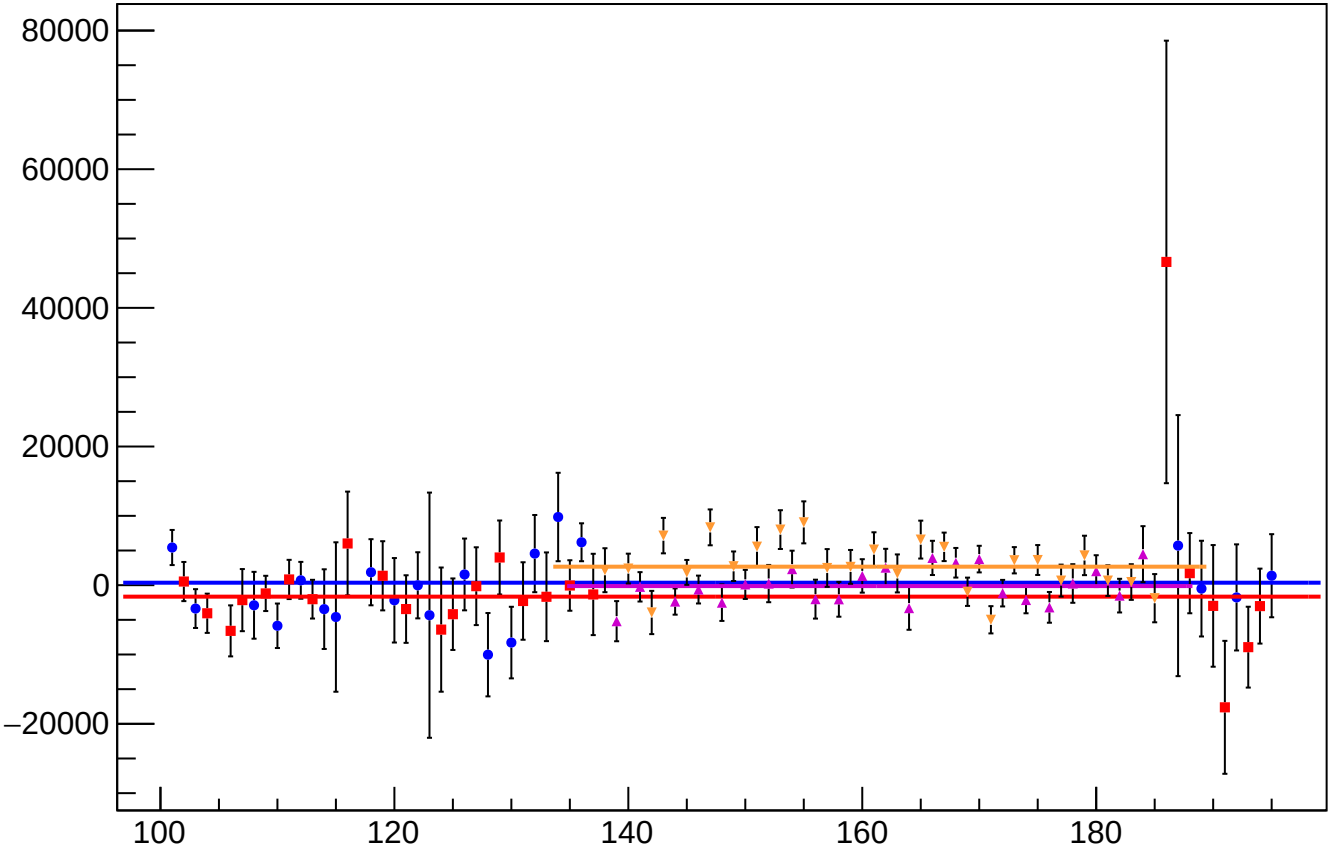
Right: 5202.396+/-1.637 χ^2/NDF: 450146.2/9

In: 2104.155+/-0.347 χ^2/NDF:2022588.8/26

Out: 2137.884+/-0.339 χ^2/NDF:3534318.9/30

All: 2121.392+/-0.242 χ^2/NDF: 5561748.0/57

asym_sam4_mean vs Slug, Sign Corrected



Right In: 355.655+/-960.500 χ^2/NDF: 24.4/20

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1654.949+/-884.513 χ^2/NDF: 14.5/23

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

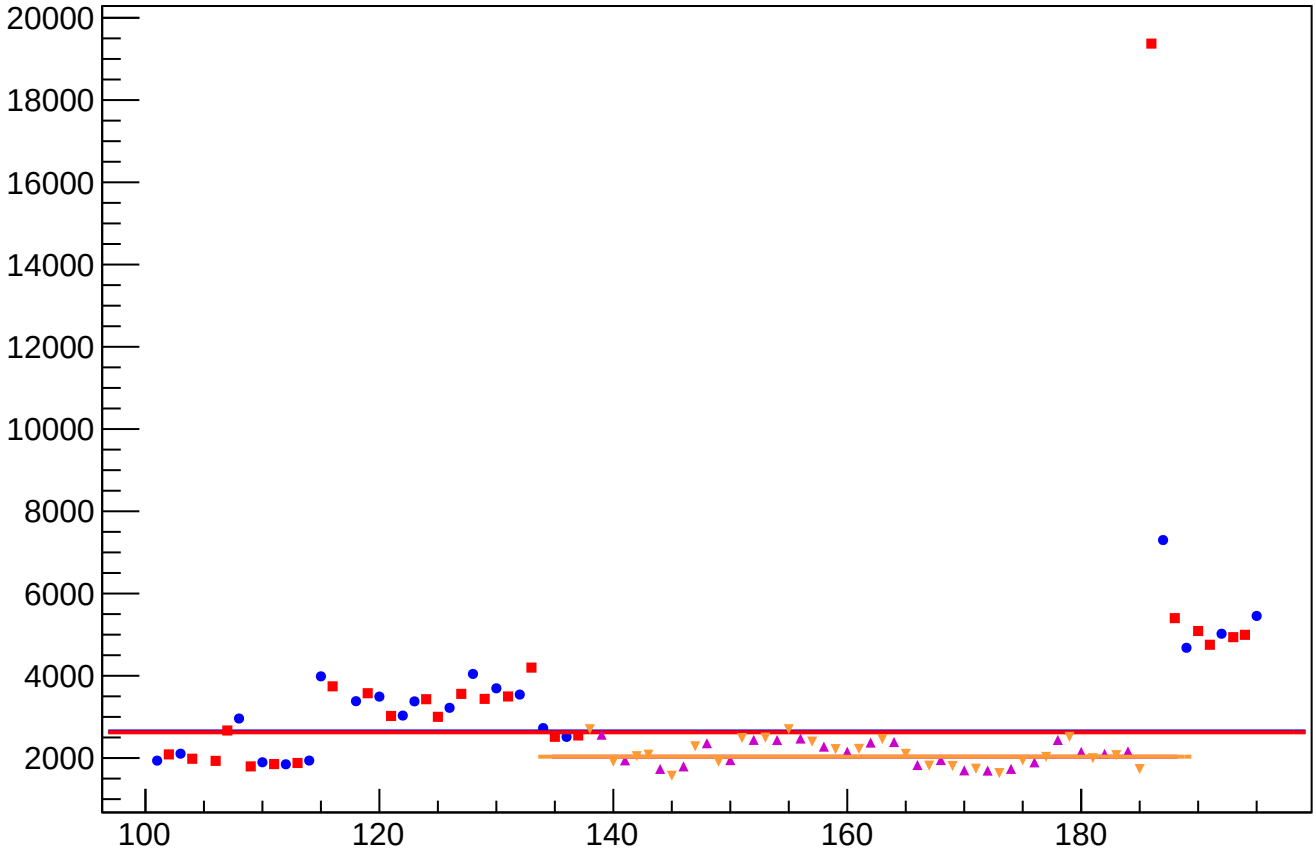
Right: -732.314+/-650.652 χ^2/NDF: 41.2/44

In: -31.619+/-436.307 χ^2/NDF:49.3/43

Out: 1680.762+/-422.536 χ^2/NDF:82.9/48

All: 852.022+/-303.530 χ^2/NDF: 140.1/92

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2646.382+/-0.679 χ^2/NDF: 1894435.6/20

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2625.303+/-0.625 χ^2/NDF: 3149667.7/23

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

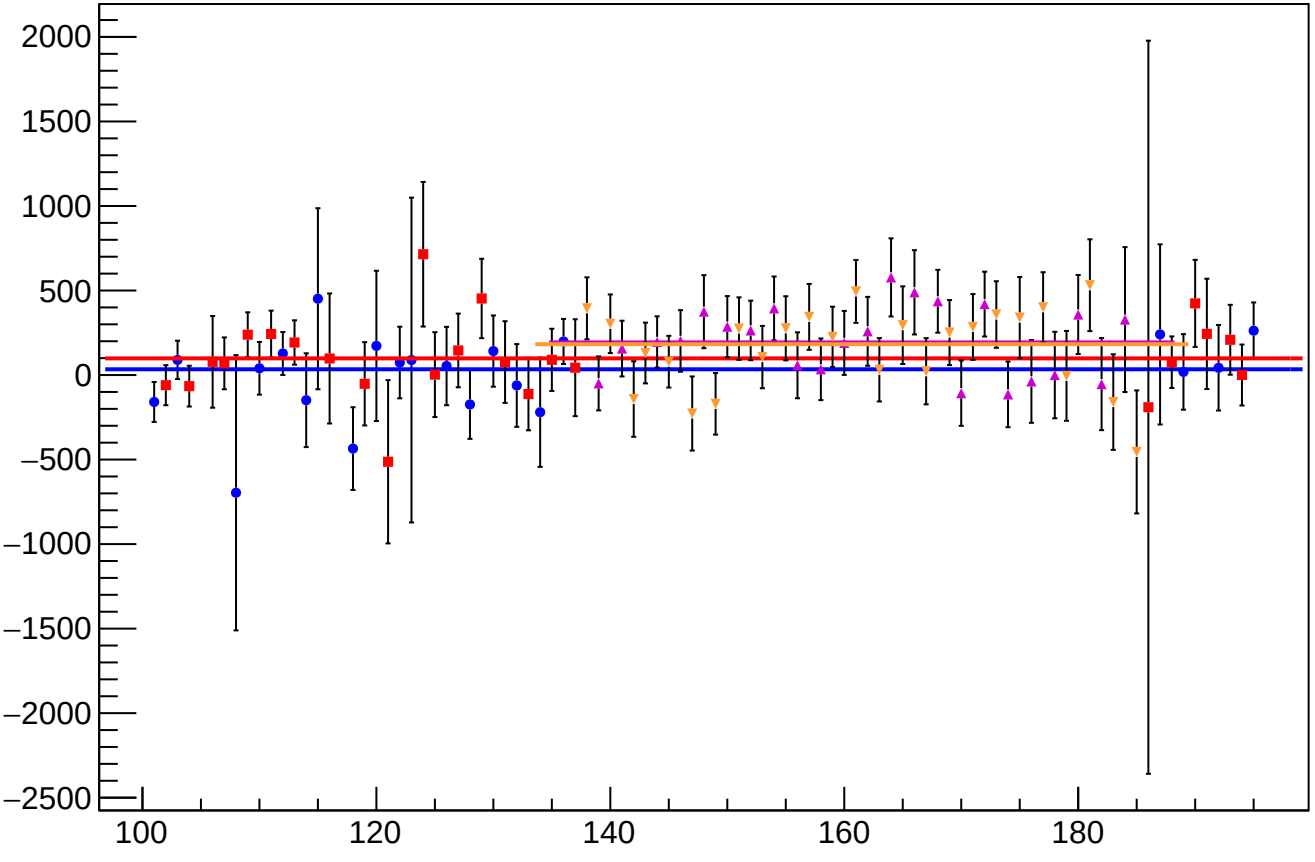
Right: 2634.976+/-0.460 χ^2/NDF: 5044624.5/44

In: 2158.529+/-0.309 χ^2/NDF:3197916.5/43

Out: 2167.780+/-0.299 χ^2/NDF:4667421.5/48

All: 2163.303+/-0.215 χ^2/NDF: 7865802.0/92

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 34.129+/-43.089 χ^2/NDF: 14.7/20

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 98.609+/-39.099 χ^2/NDF: 16.4/23

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

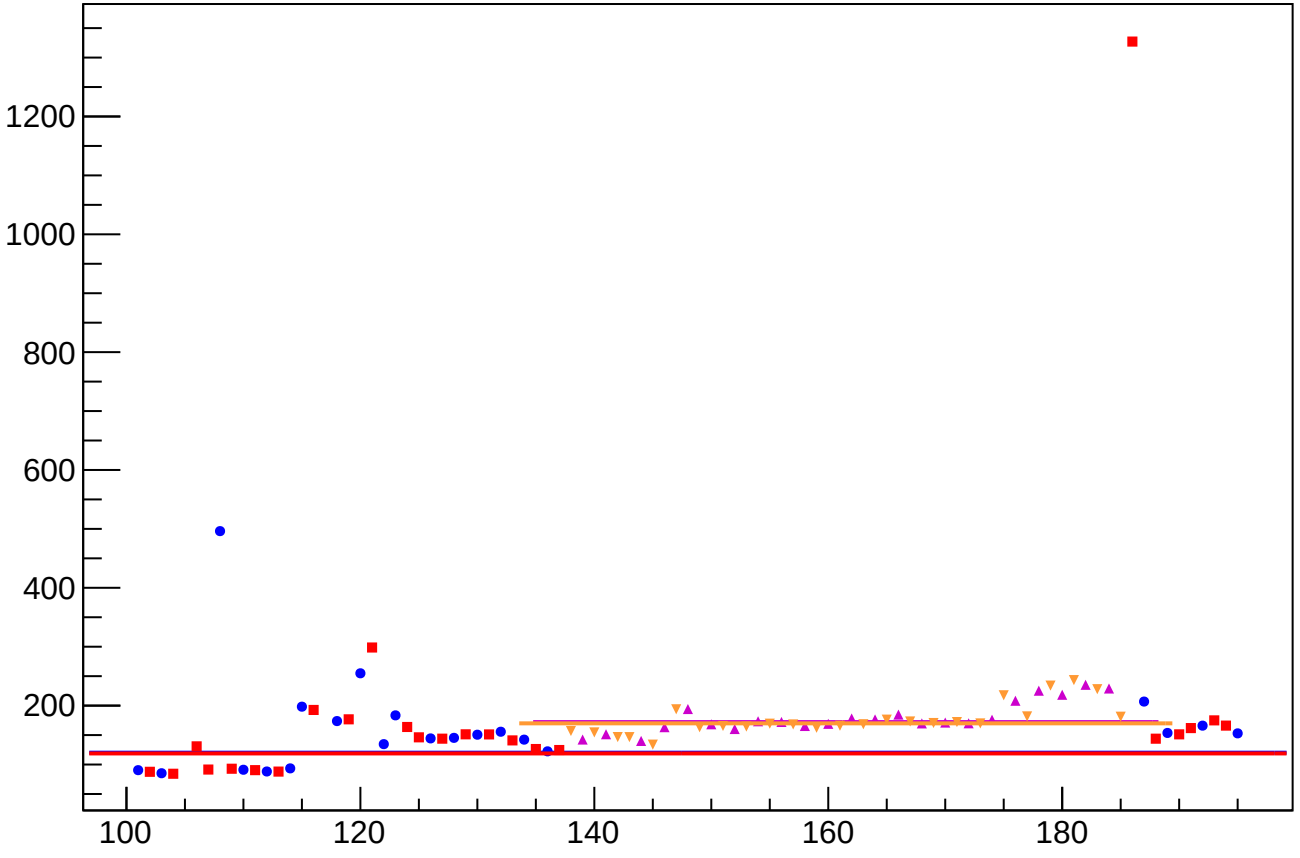
Right: 69.492+/-28.955 χ^2/NDF: 32.3/44

In: 116.772+/-29.848 χ^2/NDF:42.9/43

Out: 139.365+/-27.995 χ^2/NDF:45.5/48

All: 128.791+/-20.419 χ^2/NDF: 88.7/92

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 120.119+/-0.030 χ^2/NDF: 1684205.6/20

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 118.827+/-0.028 χ^2/NDF: 2299795.4/23

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

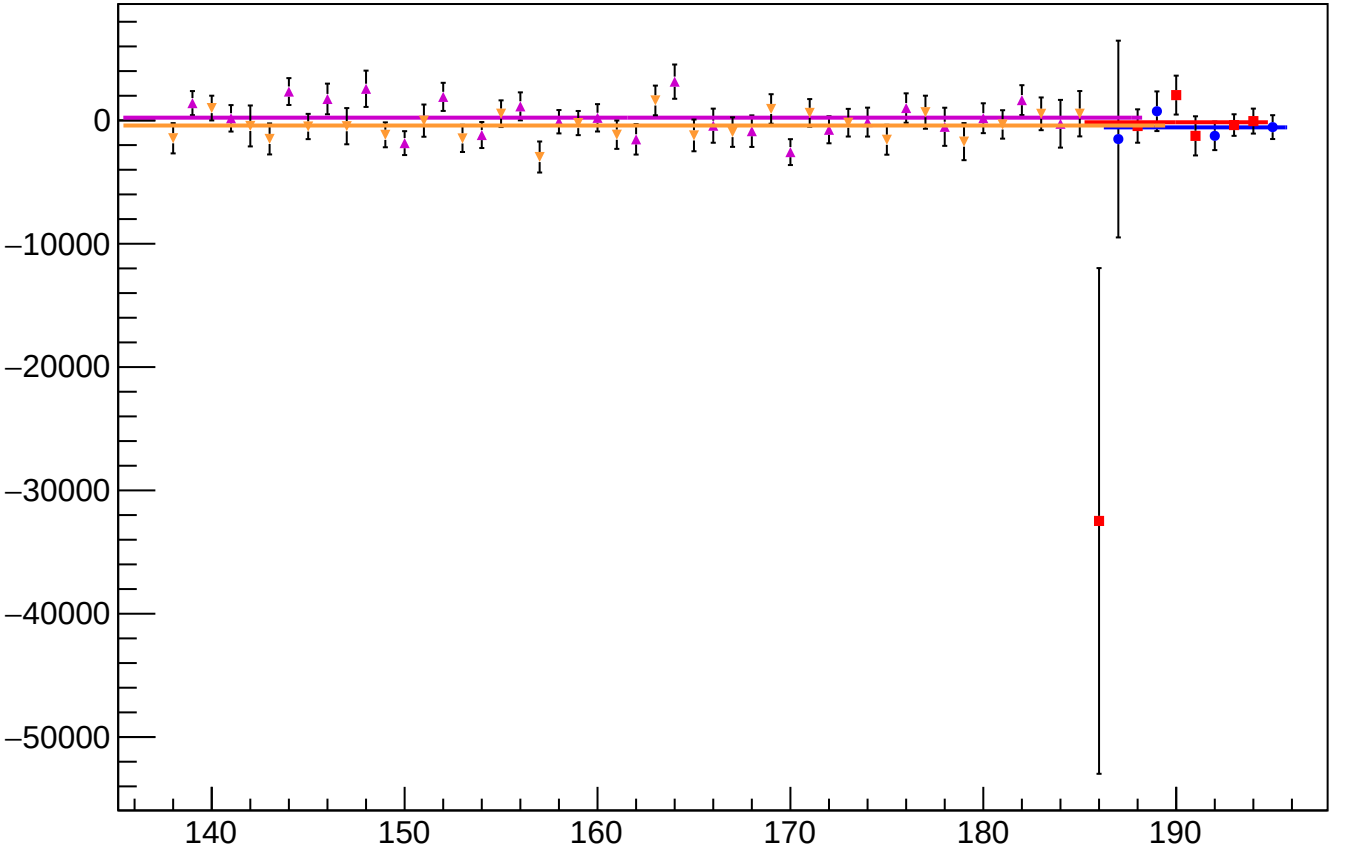
Right: 119.410+/-0.020 χ^2/NDF: 3984986.0/44

In: 147.140+/-0.021 χ^2/NDF:3785947.9/43

Out: 143.720+/-0.020 χ^2/NDF:4626396.7/48

All: 145.321+/-0.014 χ^2/NDF: 8426313.3/92

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -563.442+/-671.212 χ^2/NDF: 1.0/3

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -149.200+/-525.006 χ^2/NDF: 5.0/5

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

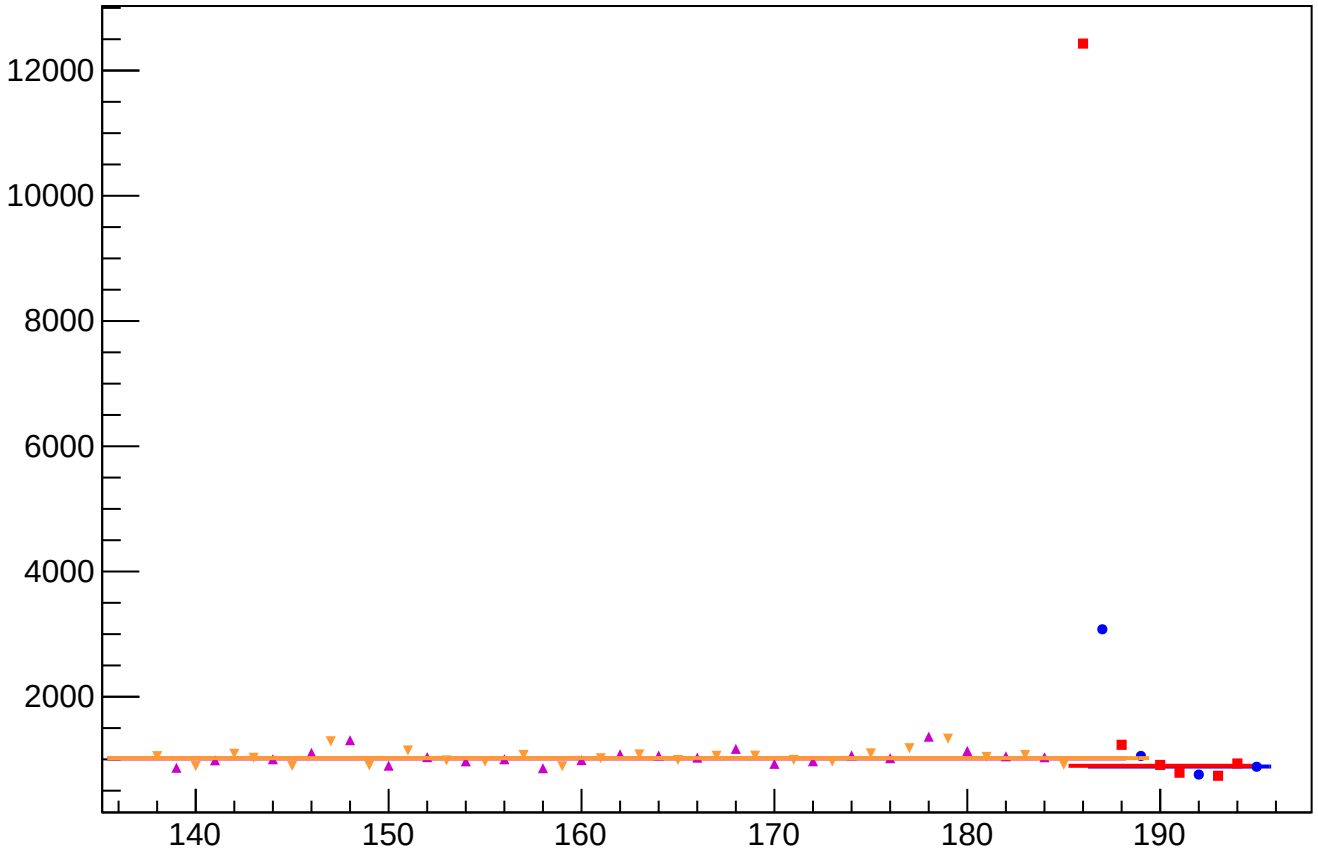
Right: -306.436+/-413.532 χ^2/NDF: 6.3/9

In: 131.650+/-229.128 χ^2/NDF:38.2/26

Out: -367.152+/-218.483 χ^2/NDF:24.3/30

All: -129.607+/-158.120 χ^2/NDF: 65.0/57

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 885.862+/-0.475 χ^2/NDF: 197589.4/3

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 897.588+/-0.371 χ^2/NDF: 834027.2/5

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

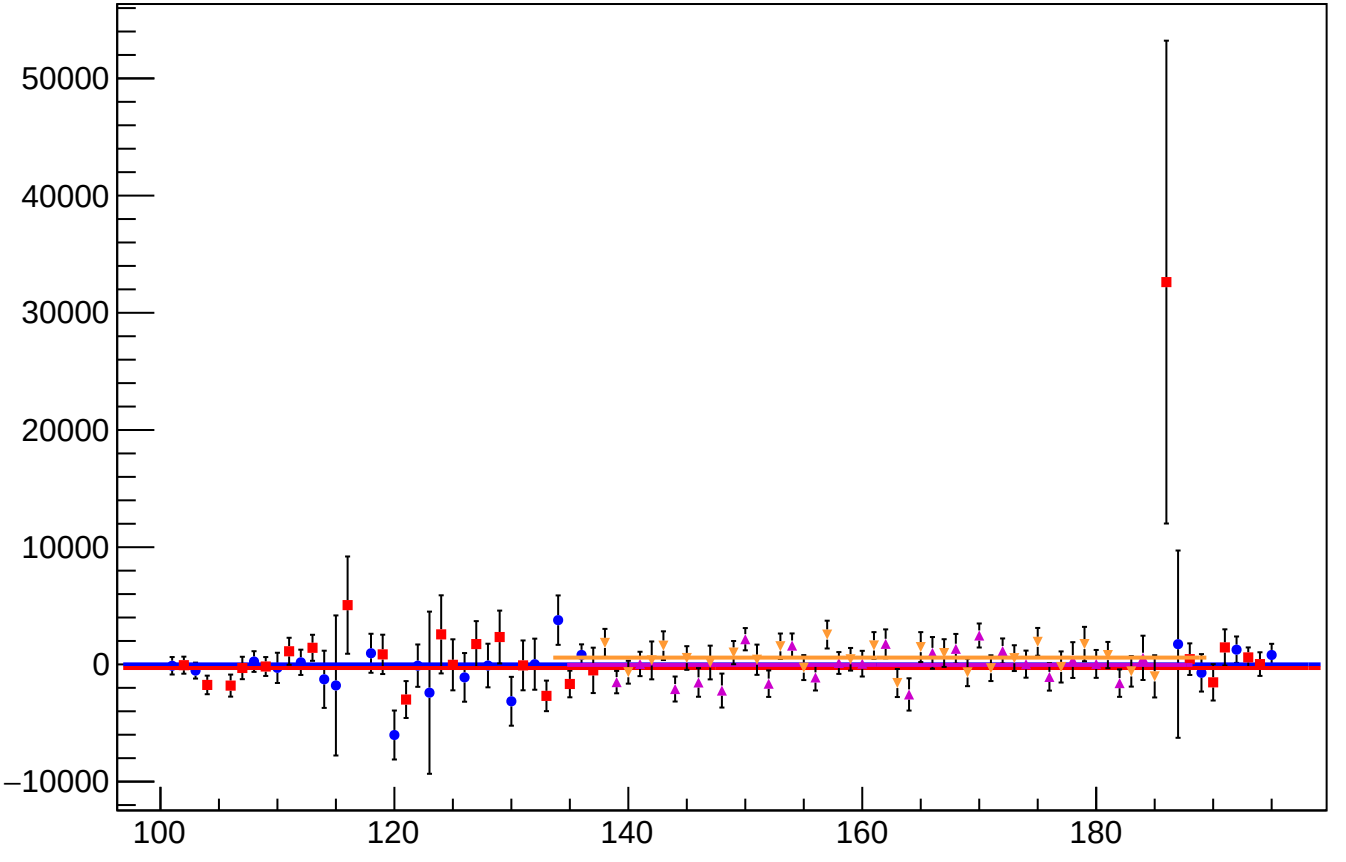
Right: 893.137+/-0.292 χ^2/NDF: 1031995.4/9

In: 999.951+/-0.162 χ^2/NDF:667859.7/26

Out: 998.923+/-0.154 χ^2/NDF:1294011.5/30

All: 999.413+/-0.112 χ^2/NDF: 1961892.3/57

asym_sam5_mean vs Slug, Sign Corrected



Right In: 1.027+/-282.407 χ^2/NDF: 18.7/20

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -308.739+/-250.063 χ^2/NDF: 29.1/23

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

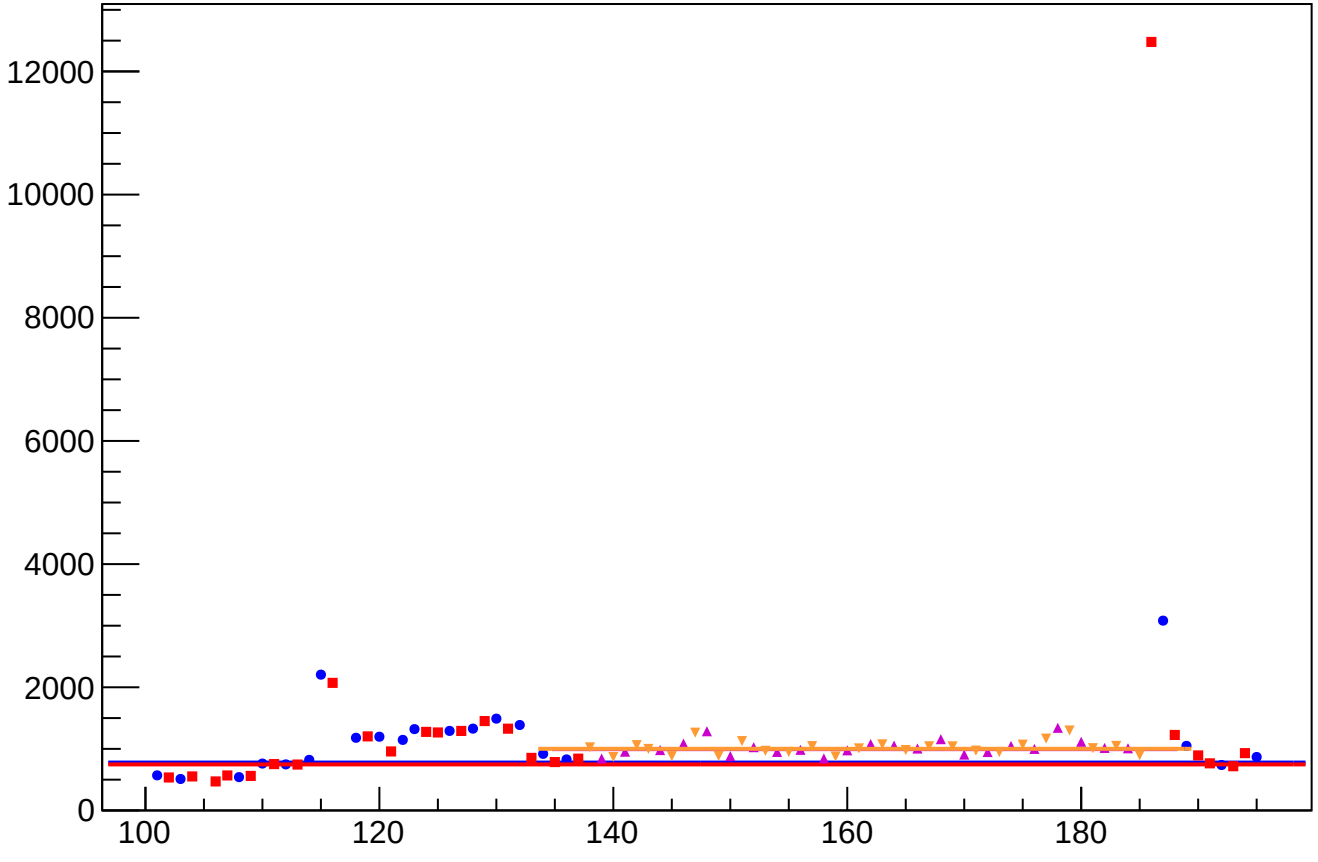
Right: -172.603+/-187.217 χ^2/NDF: 48.4/44

In: -24.251+/-182.560 χ^2/NDF:56.6/43

Out: 162.225+/-171.473 χ^2/NDF:54.1/48

All: 74.821+/-124.986 χ^2/NDF: 111.3/92

asym_sam5_rms vs Slug, Sign Corrected



Right In: 777.574+/-0.200 χ^2/NDF: 1964405.6/20

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 747.520+/-0.177 χ^2/NDF: 2697681.5/23

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

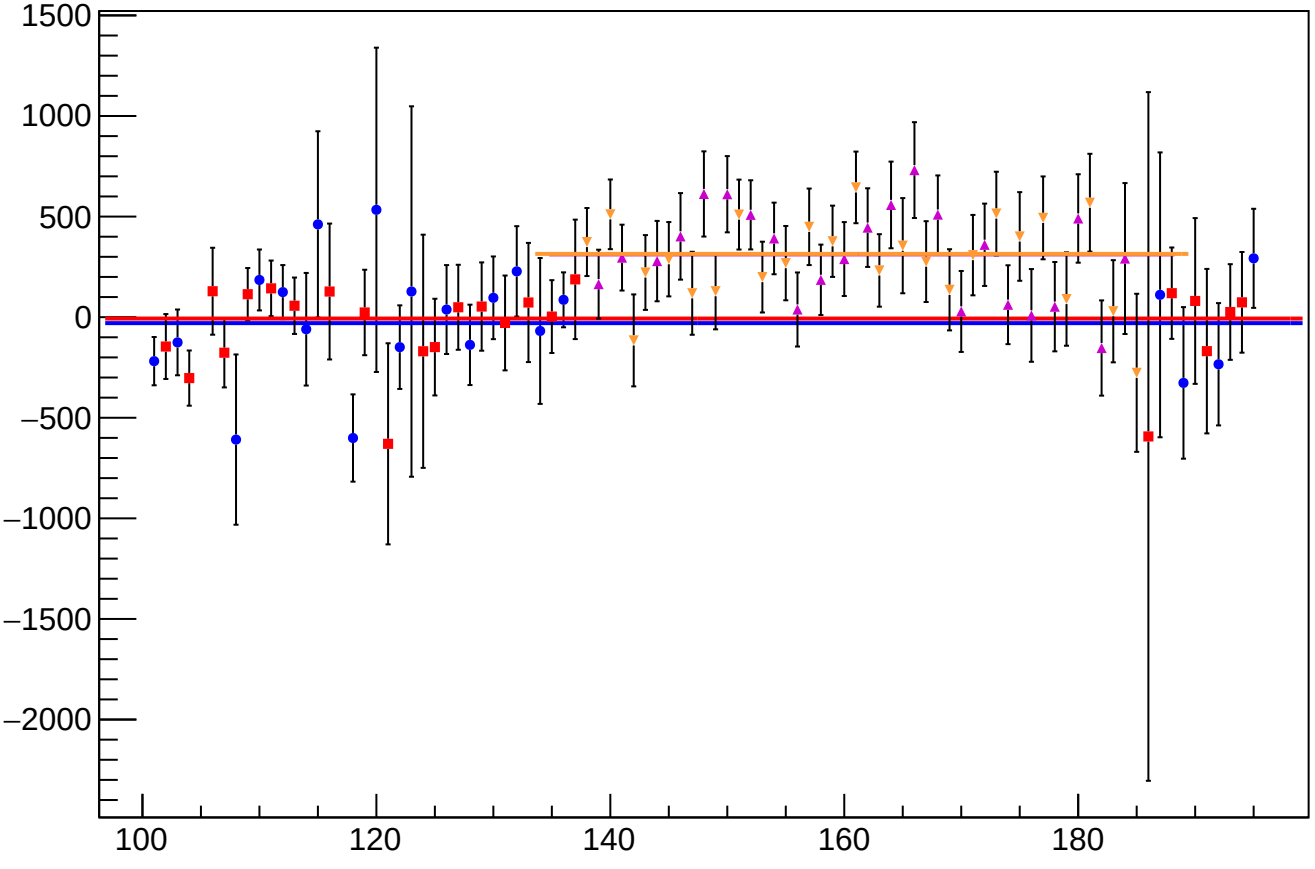
Right: 760.728+/-0.132 χ^2/NDF: 4674782.9/44

In: 904.483+/-0.129 χ^2/NDF:3082685.9/43

Out: 881.934+/-0.121 χ^2/NDF:4158694.0/48

All: 892.503+/-0.088 χ^2/NDF: 7257590.6/92

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -29.670+/-46.490 χ^2/NDF: 22.6/20

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -6.928+/-42.876 χ^2/NDF: 12.6/23

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

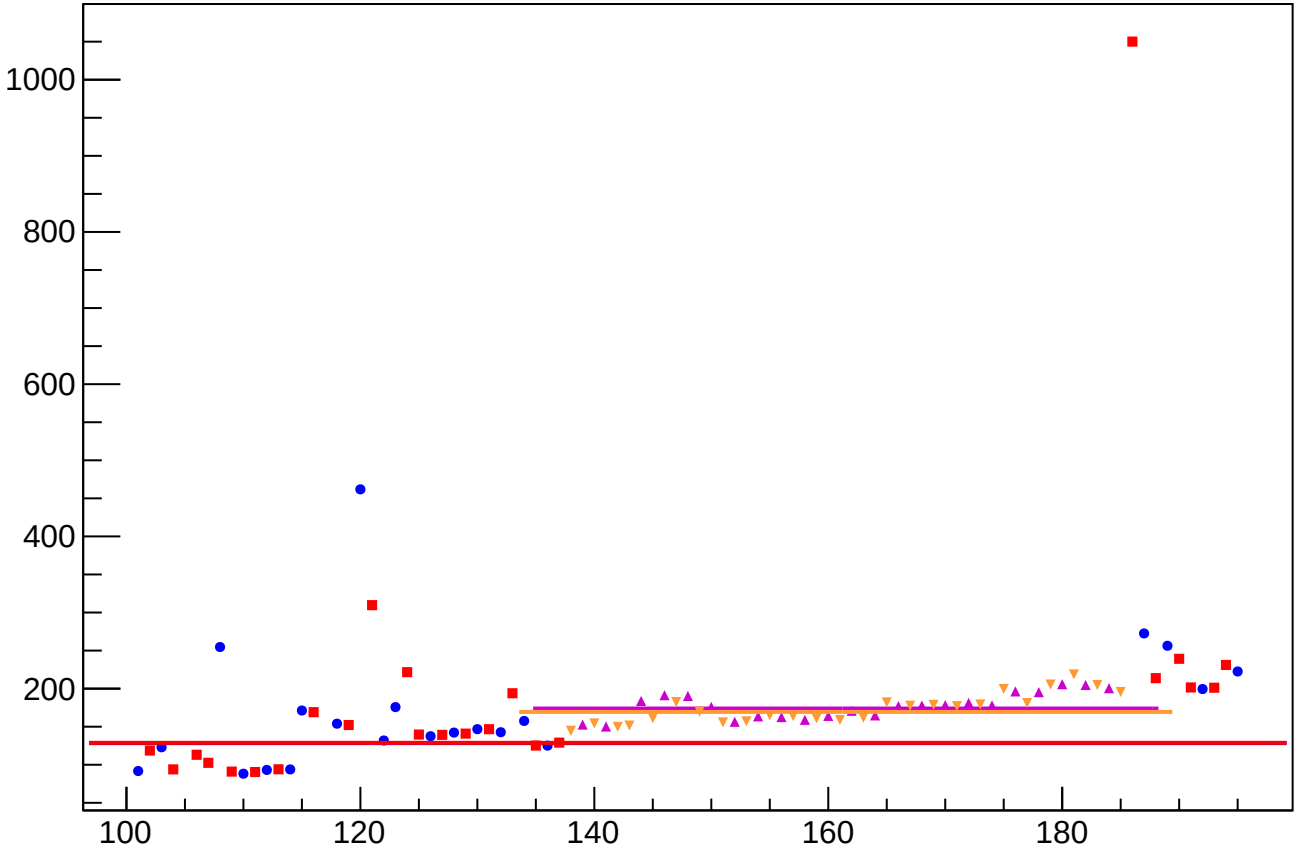
Right: -17.381+/-31.518 χ^2/NDF: 35.3/44

In: 159.941+/-31.019 χ^2/NDF:79.5/43

Out: 165.665+/-29.177 χ^2/NDF:64.1/48

All: 162.978+/-21.253 χ^2/NDF: 143.6/92

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 128.438+/-0.033 χ^2/NDF: 1834754.6/20

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 128.793+/-0.030 χ^2/NDF: 2716581.6/23

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

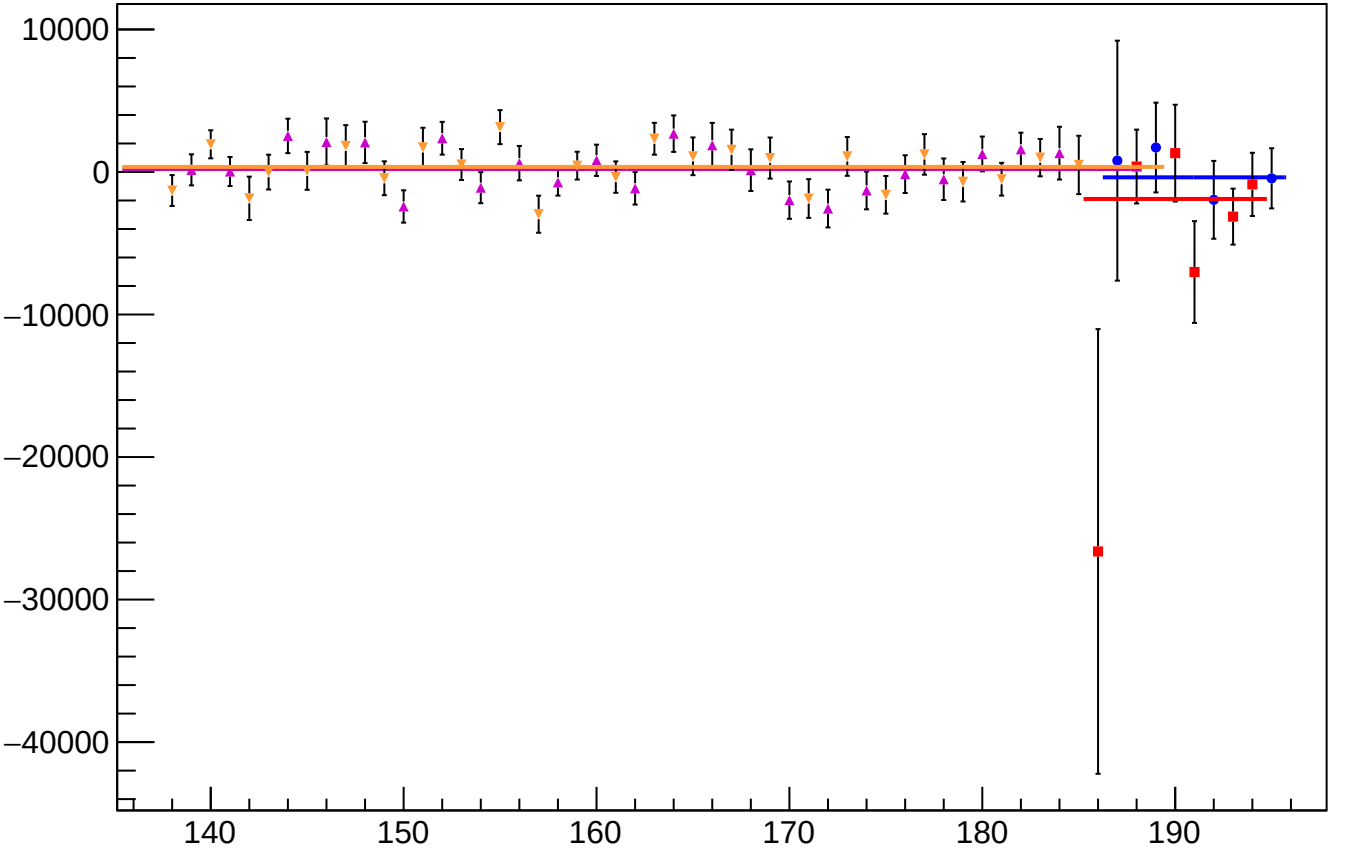
Right: 128.630+/-0.022 χ^2/NDF: 4551399.2/44

In: 153.631+/-0.022 χ^2/NDF:3185078.1/43

Out: 150.613+/-0.021 χ^2/NDF:4067758.4/48

All: 152.030+/-0.015 χ^2/NDF: 7262878.1/92

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -374.809+/-1453.211 χ^2/NDF: 0.8/3

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -1891.831+/-1131.867 χ^2/NDF: 6.9/5

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

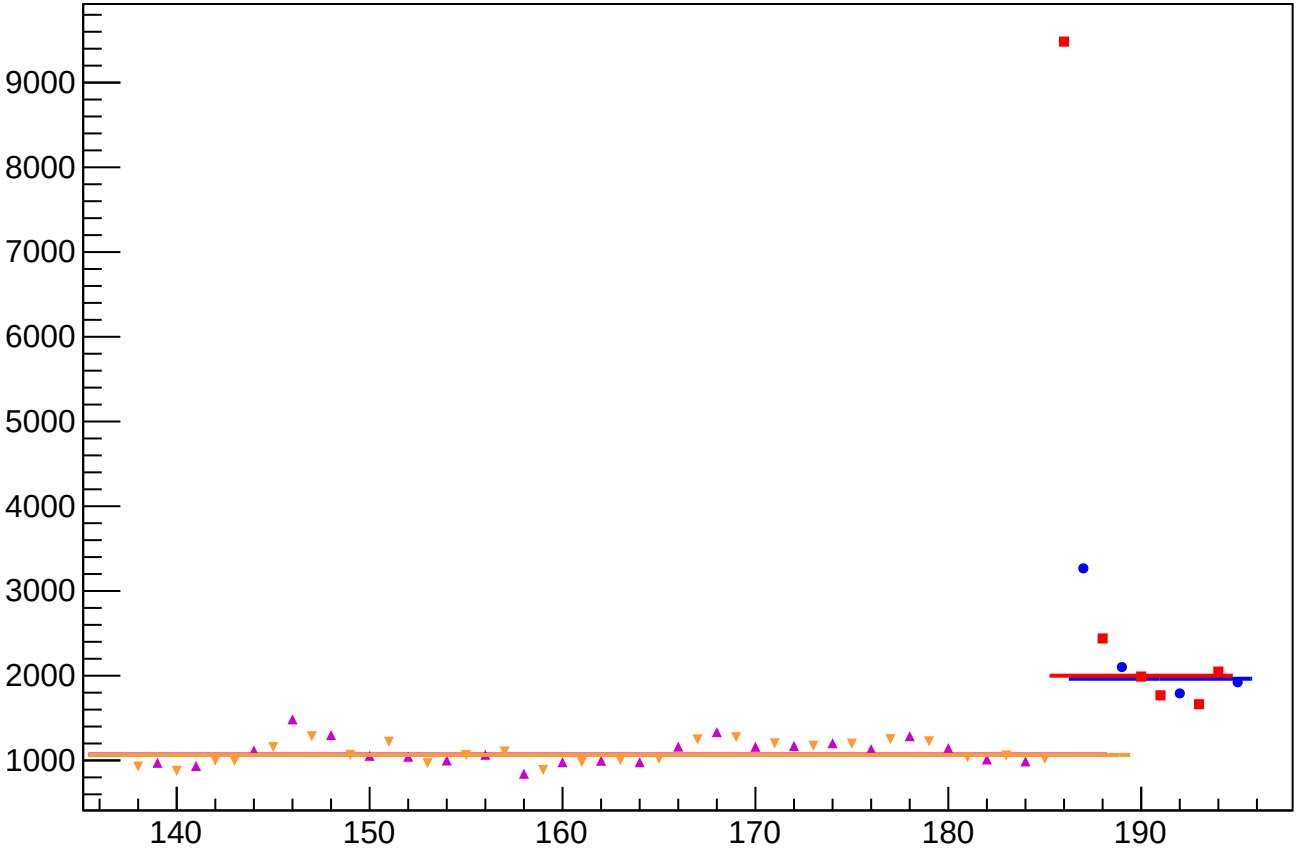
Right: -1319.027+/-892.968 χ^2/NDF: 8.3/9

In: 194.159+/-253.439 χ^2/NDF:37.0/26

Out: 251.277+/-244.986 χ^2/NDF:44.0/30

All: 223.686+/-176.144 χ^2/NDF: 81.0/57

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 1964.100+/-1.028 χ^2/NDF: 60462.2/3

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 2000.026+/-0.800 χ^2/NDF: 585927.5/5

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

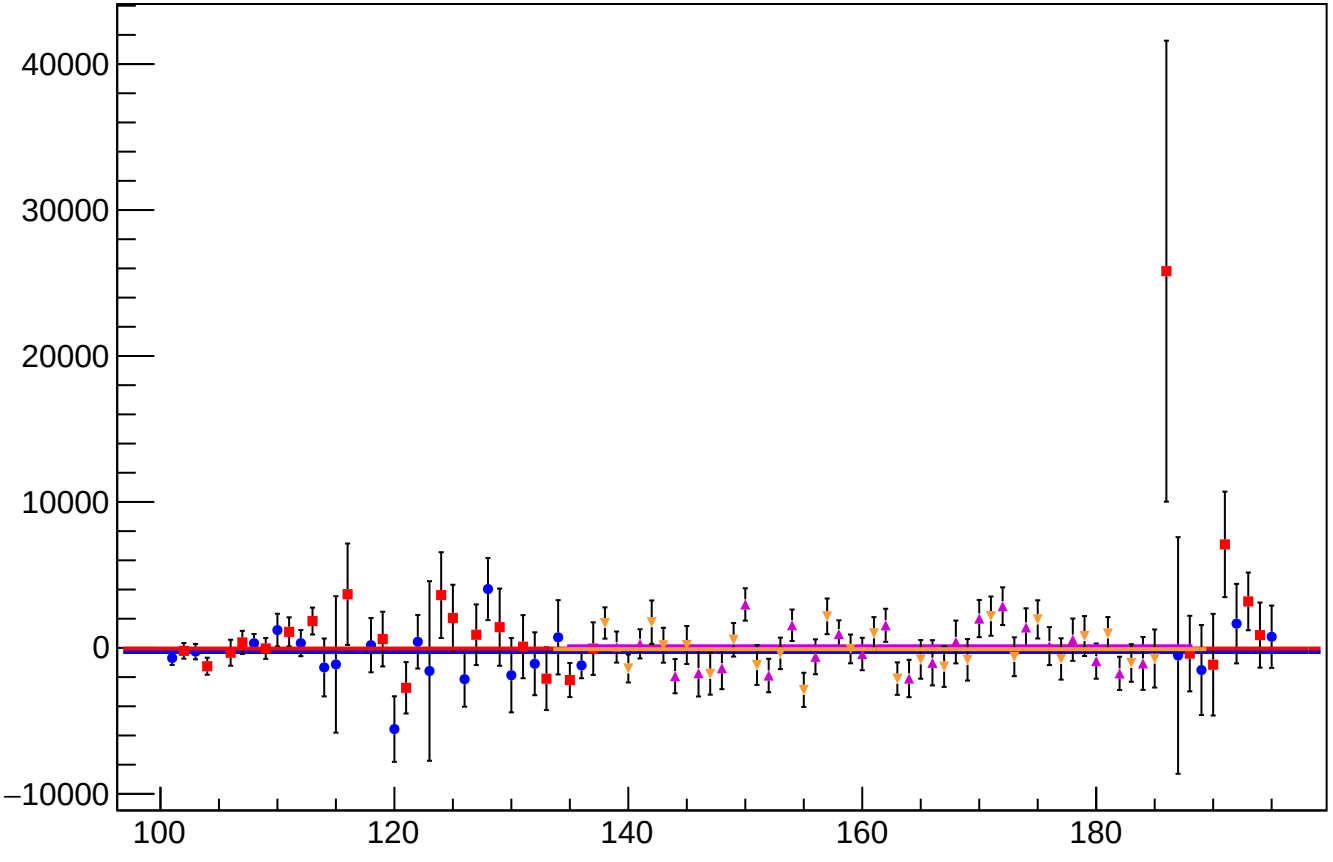
Right: 1986.461+/-0.631 χ^2/NDF: 647150.5/9

In: 1097.867+/-0.179 χ^2/NDF:1363790.2/26

Out: 1108.679+/-0.173 χ^2/NDF:2380821.5/30

All: 1103.456+/-0.125 χ^2/NDF: 3746493.5/57

asym_sam6_mean vs Slug, Sign Corrected



Right In: -278.726+/-246.417 χ^2/NDF: 17.8/20

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -43.871+/-242.066 χ^2/NDF: 30.7/23

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

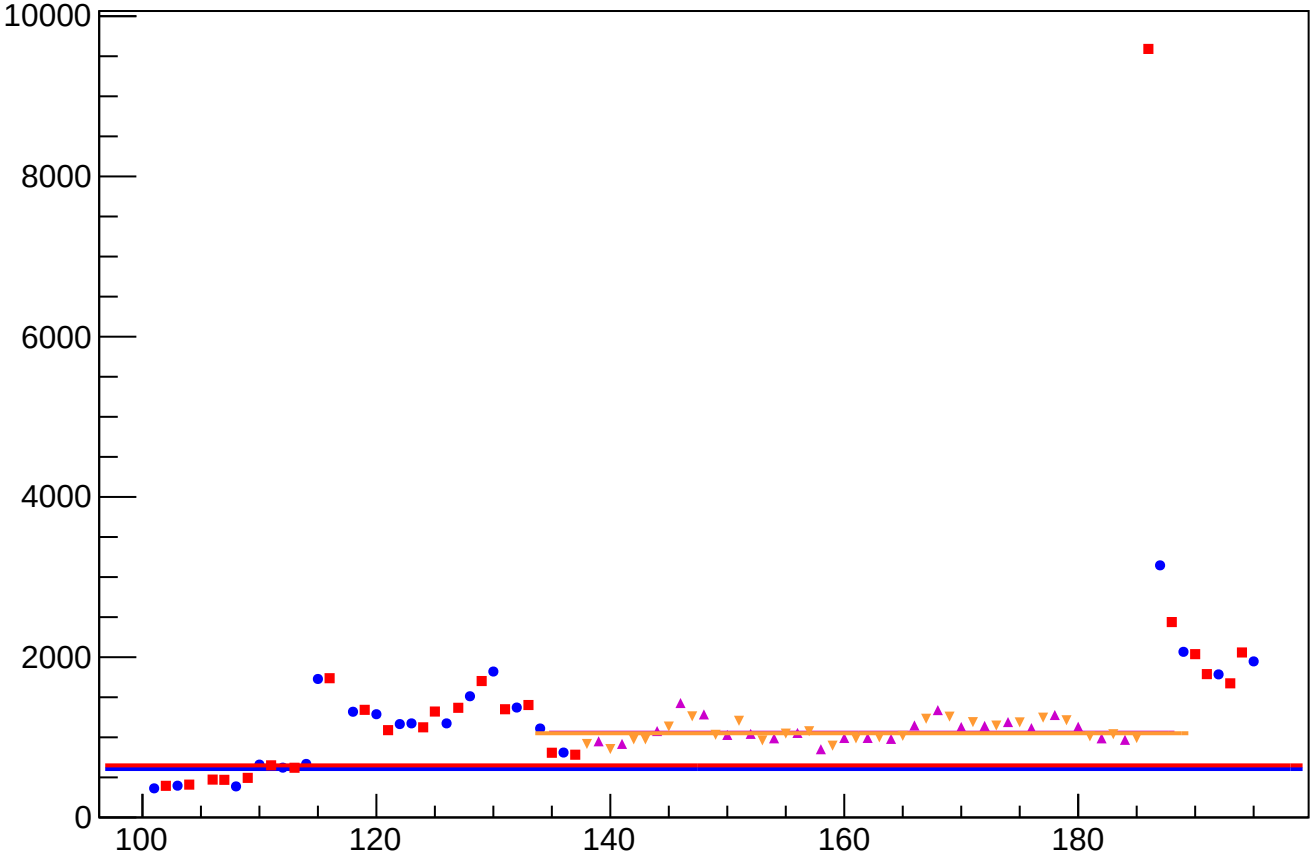
Right: -159.207+/-172.684 χ^2/NDF: 48.9/44

In: -90.084+/-176.977 χ^2/NDF:54.1/43

Out: -66.265+/-172.977 χ^2/NDF:61.7/48

All: -77.902+/-123.703 χ^2/NDF: 115.8/92

asym_sam6_rms vs Slug, Sign Corrected



Right In: 604.382+/-0.174 χ^2/NDF: 5126606.9/20

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 649.943+/-0.171 χ^2/NDF: 6403264.4/23

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

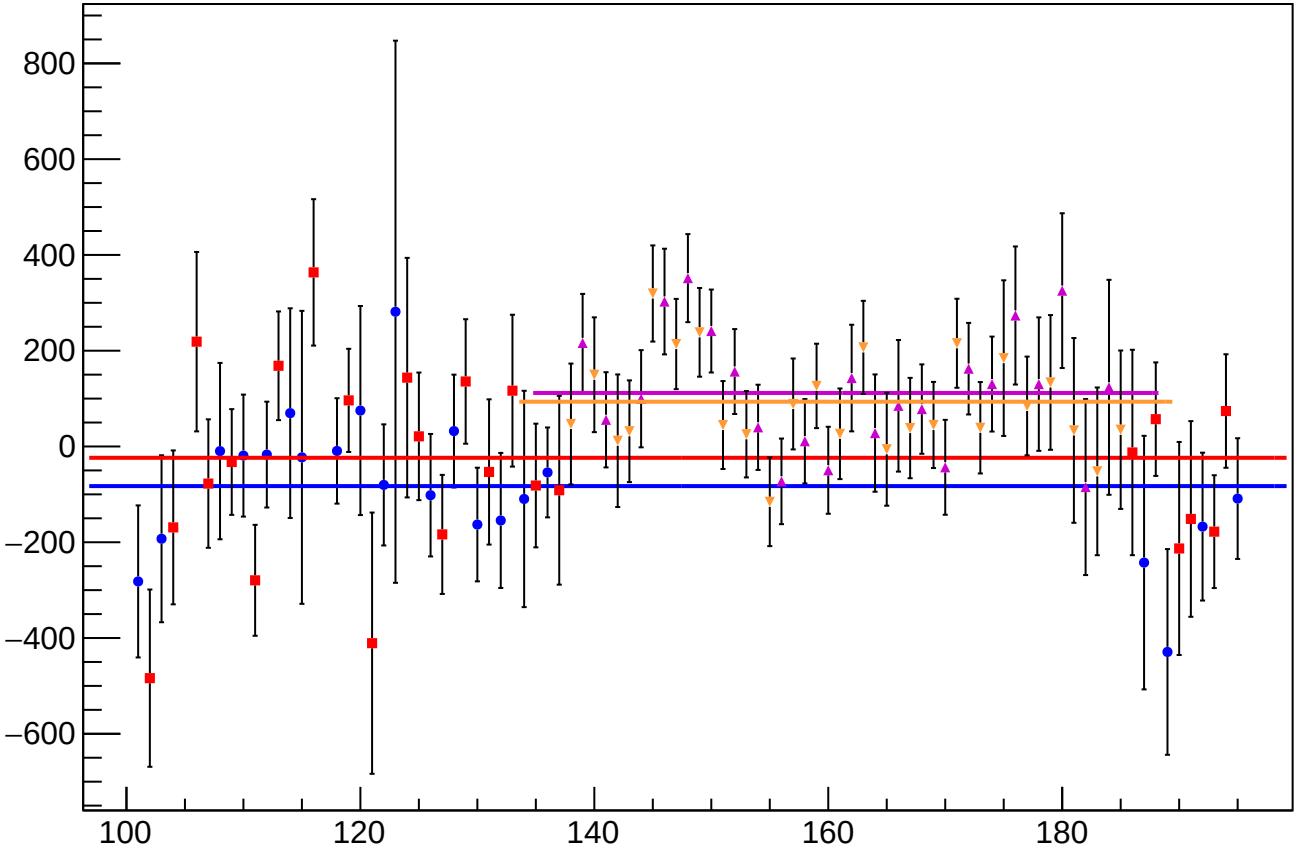
Right: 627.568+/-0.122 χ^2/NDF: 11564665.2/44

In: 824.092+/-0.125 χ^2/NDF:8942666.2/43

Out: 846.166+/-0.122 χ^2/NDF:9572279.2/48

All: 835.381+/-0.087 χ^2/NDF: 18530857.3/92

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -82.756+/-32.030 χ^2/NDF: 9.7/20

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -23.648+/-29.184 χ^2/NDF: 35.1/23

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

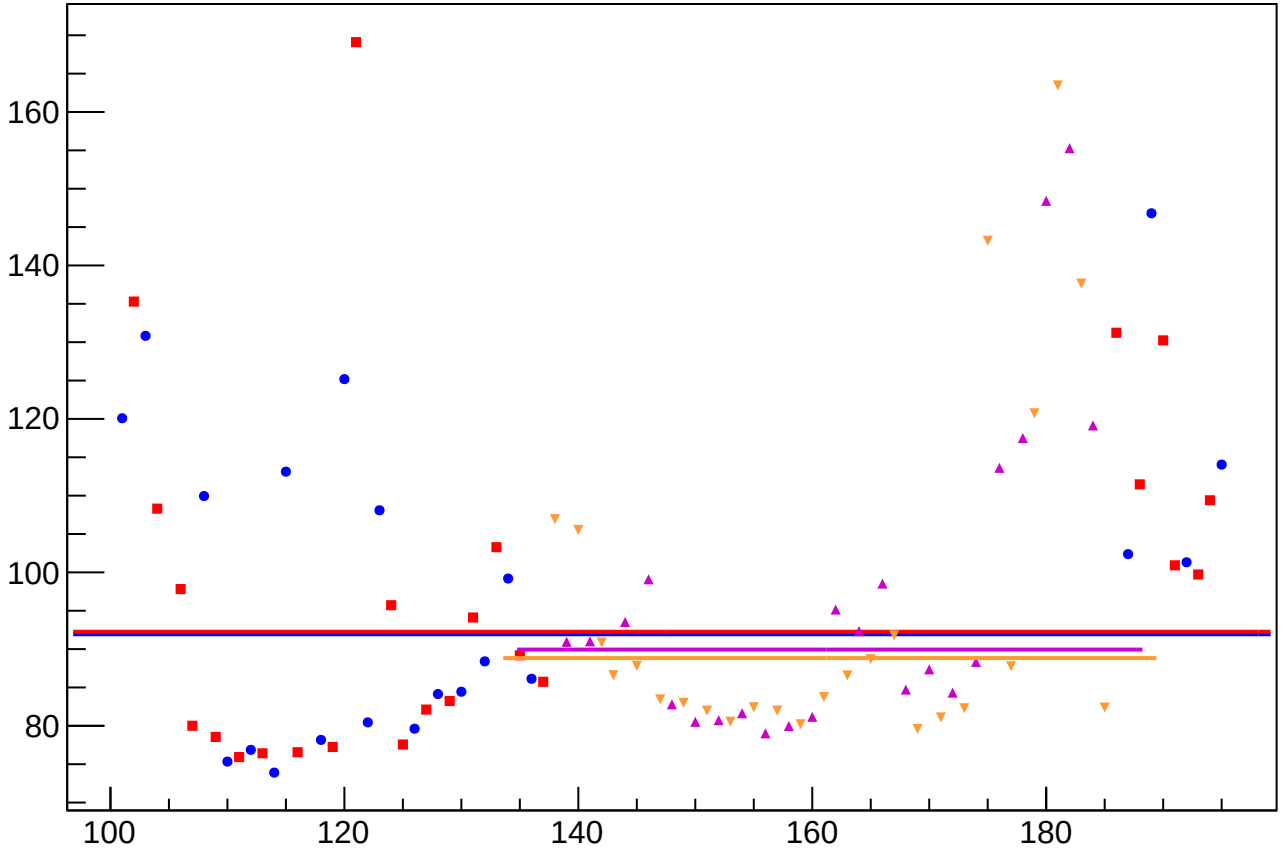
Right: -50.460+/-21.572 χ^2/NDF: 46.7/44

In: 49.501+/-18.118 χ^2/NDF:65.5/43

Out: 52.822+/-17.197 χ^2/NDF:68.4/48

All: 51.249+/-12.473 χ^2/NDF: 133.9/92

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 91.932+/-0.023 χ^2/NDF: 620420.1/20

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 92.261+/-0.021 χ^2/NDF: 765934.7/23

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

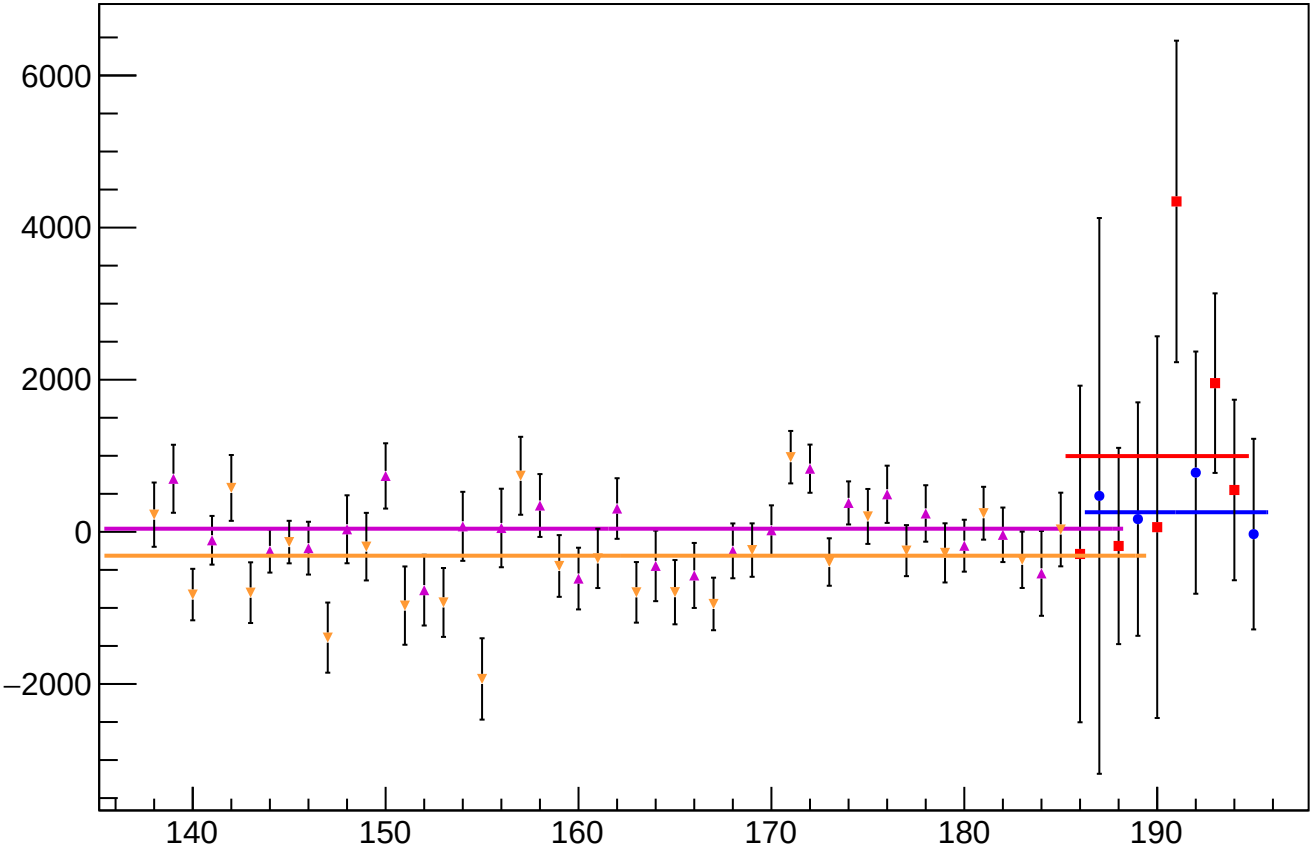
Right: 92.112+/-0.015 χ^2/NDF: 1386469.7/44

In: 90.573+/-0.013 χ^2/NDF:1499843.2/43

Out: 90.021+/-0.012 χ^2/NDF:1784629.9/48

All: 90.283+/-0.009 χ^2/NDF: 3285451.2/92

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 257.918+/-808.199 χ^2/NDF: 0.2/3

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 996.072+/-618.306 χ^2/NDF: 4.6/5

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

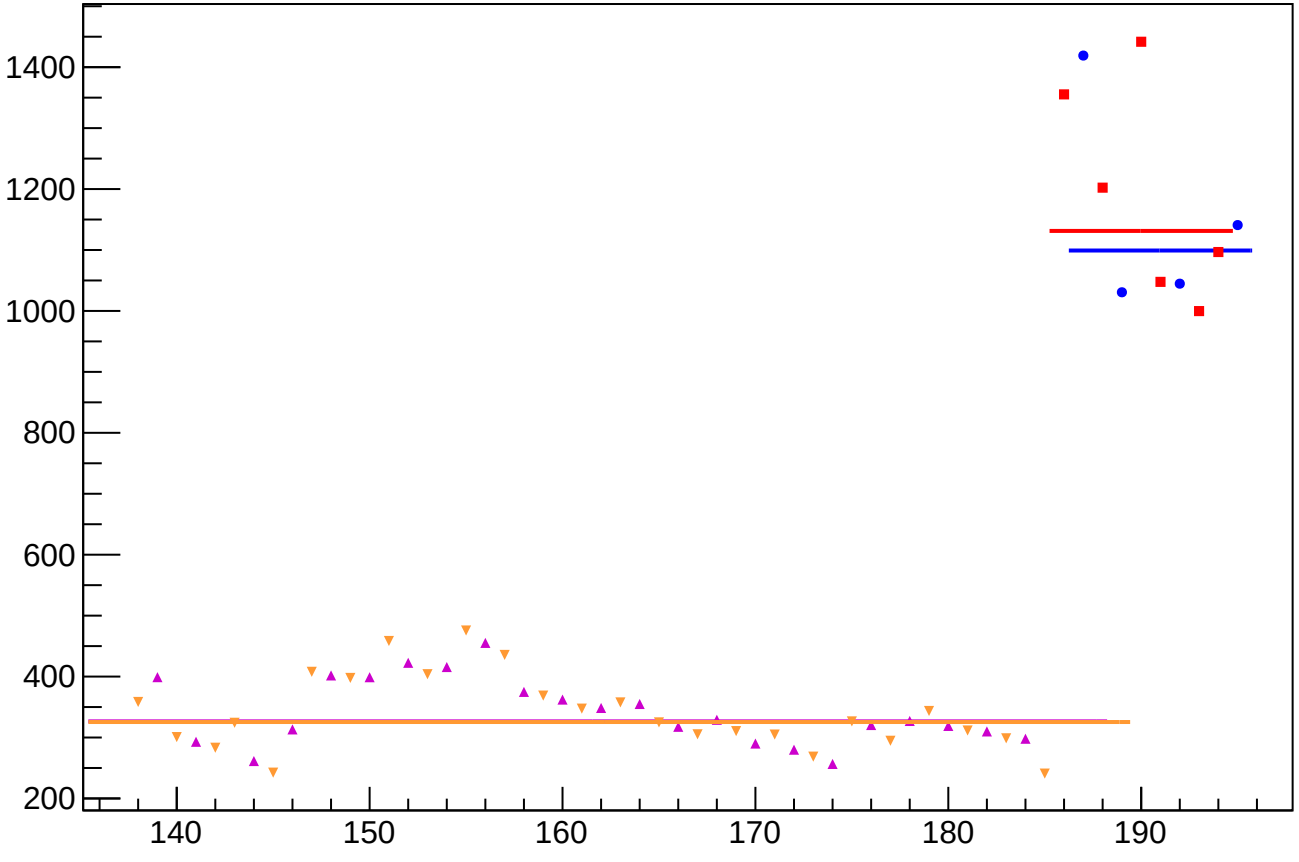
Right: 723.546+/-491.077 χ^2/NDF: 5.3/9

In: 43.287+/-78.485 χ^2/NDF:28.3/26

Out: -293.276+/-76.737 χ^2/NDF:67.1/30

All: -128.785+/-54.869 χ^2/NDF: 104.8/57

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 1099.149+/-0.571 χ^2/NDF: 23880.3/3

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1131.299+/-0.437 χ^2/NDF: 86852.3/5

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

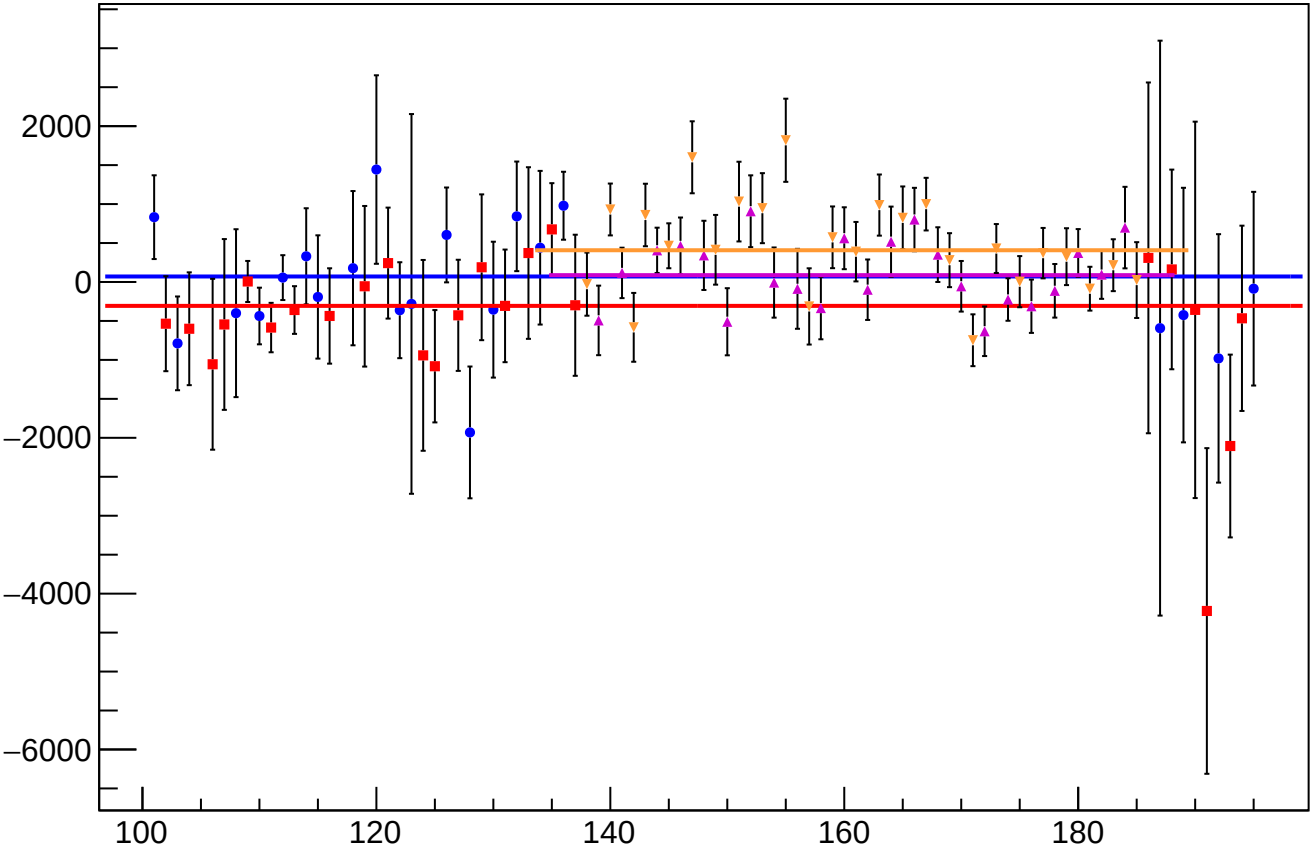
Right: 1119.430+/-0.347 χ^2/NDF: 112729.0/9

In: 333.803+/-0.055 χ^2/NDF:2675641.0/26

Out: 337.845+/-0.054 χ^2/NDF:4432925.6/30

All: 335.869+/-0.039 χ^2/NDF: 7111278.3/57

asym_sam7_mean vs Slug, Sign Corrected



Right In: 70.572+/-140.490 χ^2/NDF: 21.1/20

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -306.624+/-126.996 χ^2/NDF: 14.7/23

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

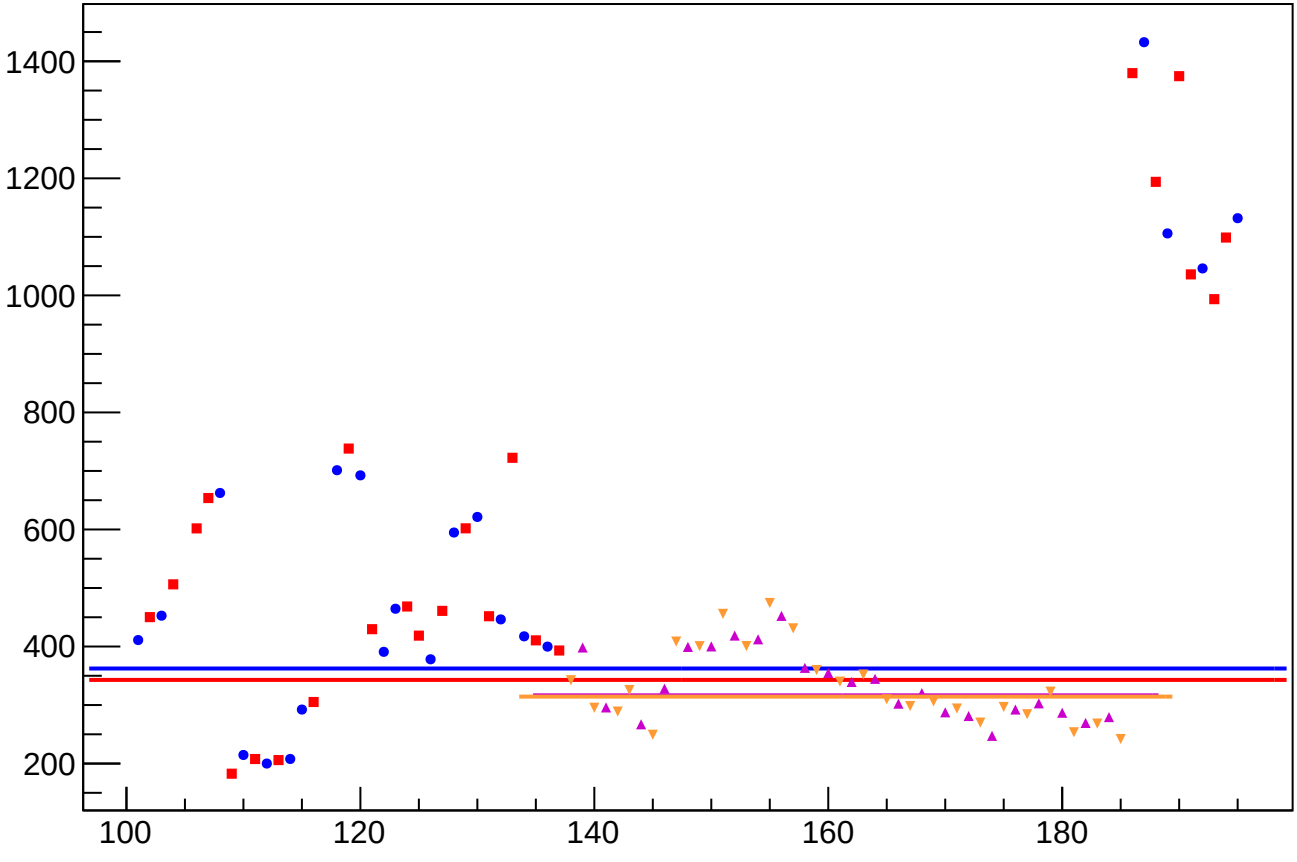
Right: -137.006+/-94.210 χ^2/NDF: 39.8/44

In: 83.744+/-67.234 χ^2/NDF:48.6/43

Out: 223.729+/-64.407 χ^2/NDF:91.2/48

All: 156.741+/-46.510 χ^2/NDF: 142.0/92

asym_sam7_rms vs Slug, Sign Corrected



Right In: 362.415+/-0.099 χ^2/NDF: 3810517.5/20

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 342.949+/-0.090 χ^2/NDF: 6151902.3/23

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

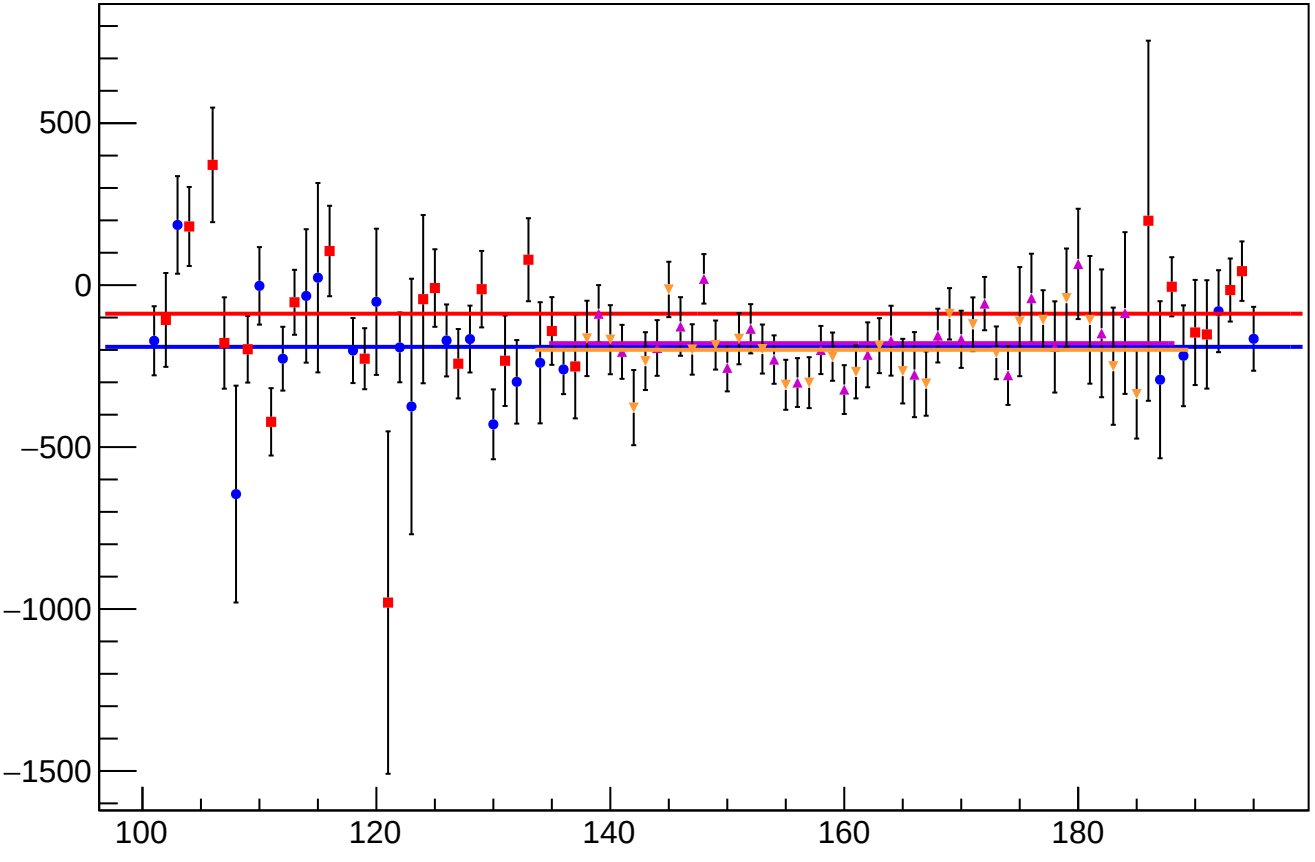
Right: 351.702+/-0.067 χ^2/NDF: 9983550.6/44

In: 327.105+/-0.048 χ^2/NDF:4904033.0/43

Out: 321.746+/-0.046 χ^2/NDF:7339196.0/48

All: 324.311+/-0.033 χ^2/NDF: 12249854.8/92

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -190.529+/-27.675 χ^2/NDF: 20.1/20

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -88.170+/-25.332 χ^2/NDF: 41.6/23

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

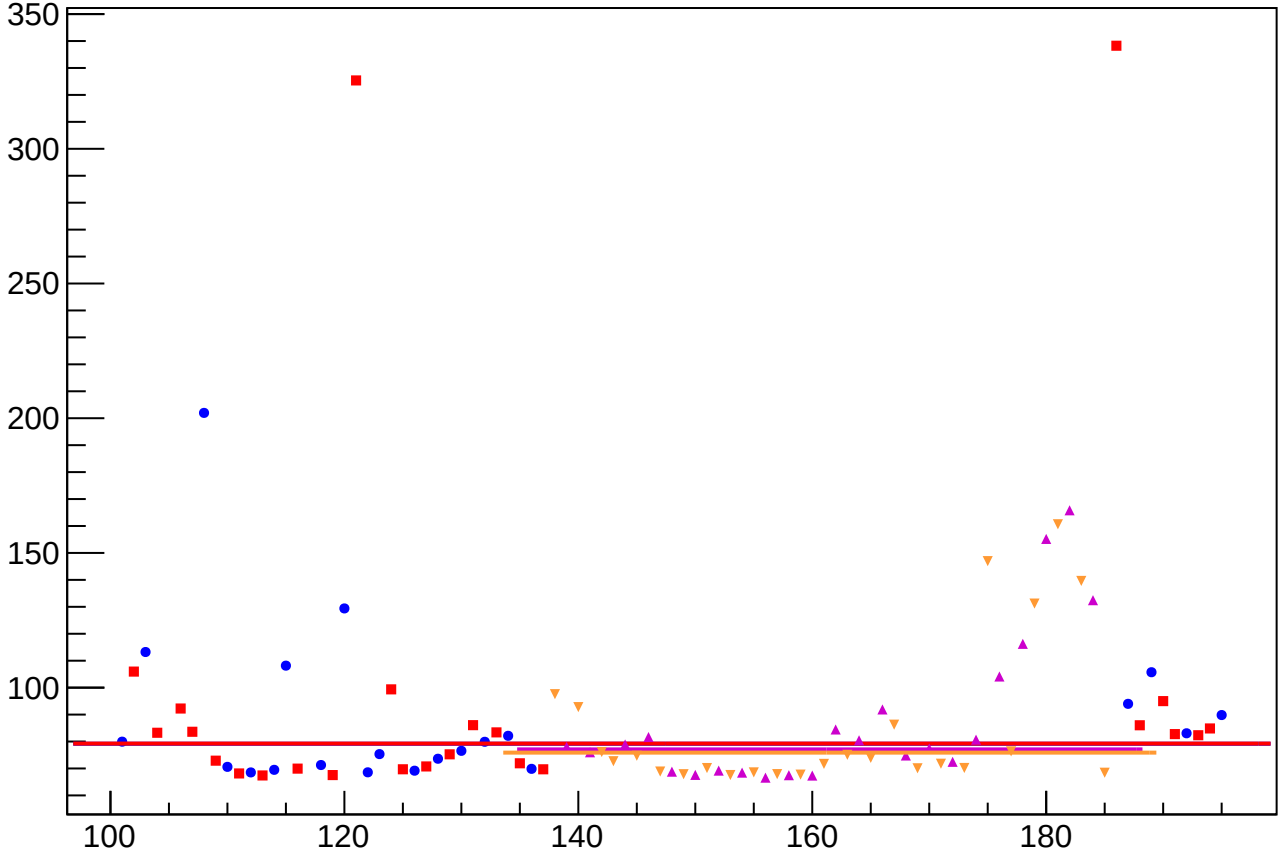
Right: -134.833+/-18.686 χ^2/NDF: 69.1/44

In: -182.827+/-15.726 χ^2/NDF:44.1/43

Out: -160.999+/-14.915 χ^2/NDF:74.4/48

All: -171.335+/-10.822 χ^2/NDF: 119.5/92

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 79.173+/-0.020 χ^2/NDF: 704520.4/20

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 79.241+/-0.018 χ^2/NDF: 1152200.5/23

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

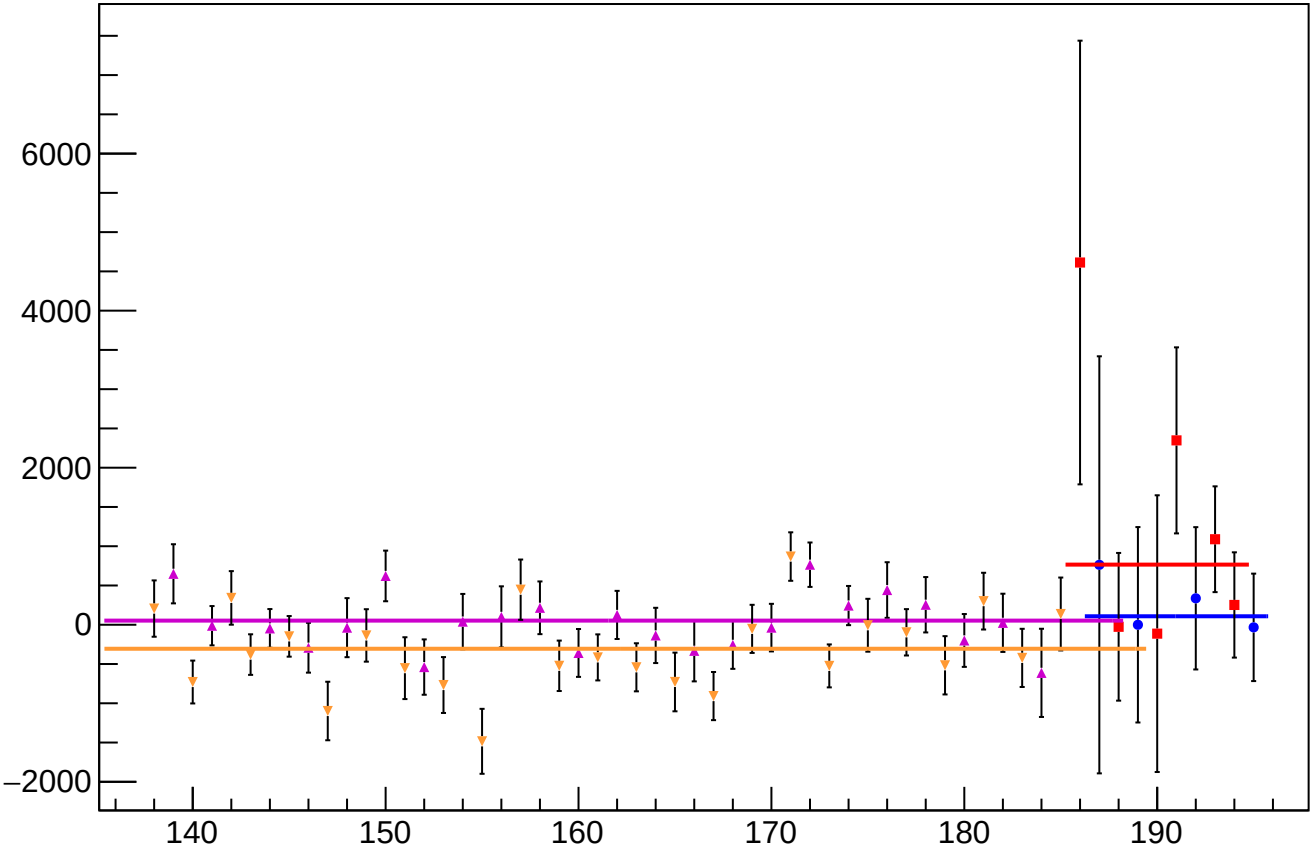
Right: 79.210+/-0.013 χ^2/NDF: 1856727.4/44

In: 77.756+/-0.011 χ^2/NDF:2135252.4/43

Out: 77.047+/-0.011 χ^2/NDF:2727663.3/48

All: 77.383+/-0.008 χ^2/NDF: 4865052.5/92

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 107.989+/-491.348 χ^2/NDF: 0.2/3

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 765.860+/-385.775 χ^2/NDF: 5.4/5

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

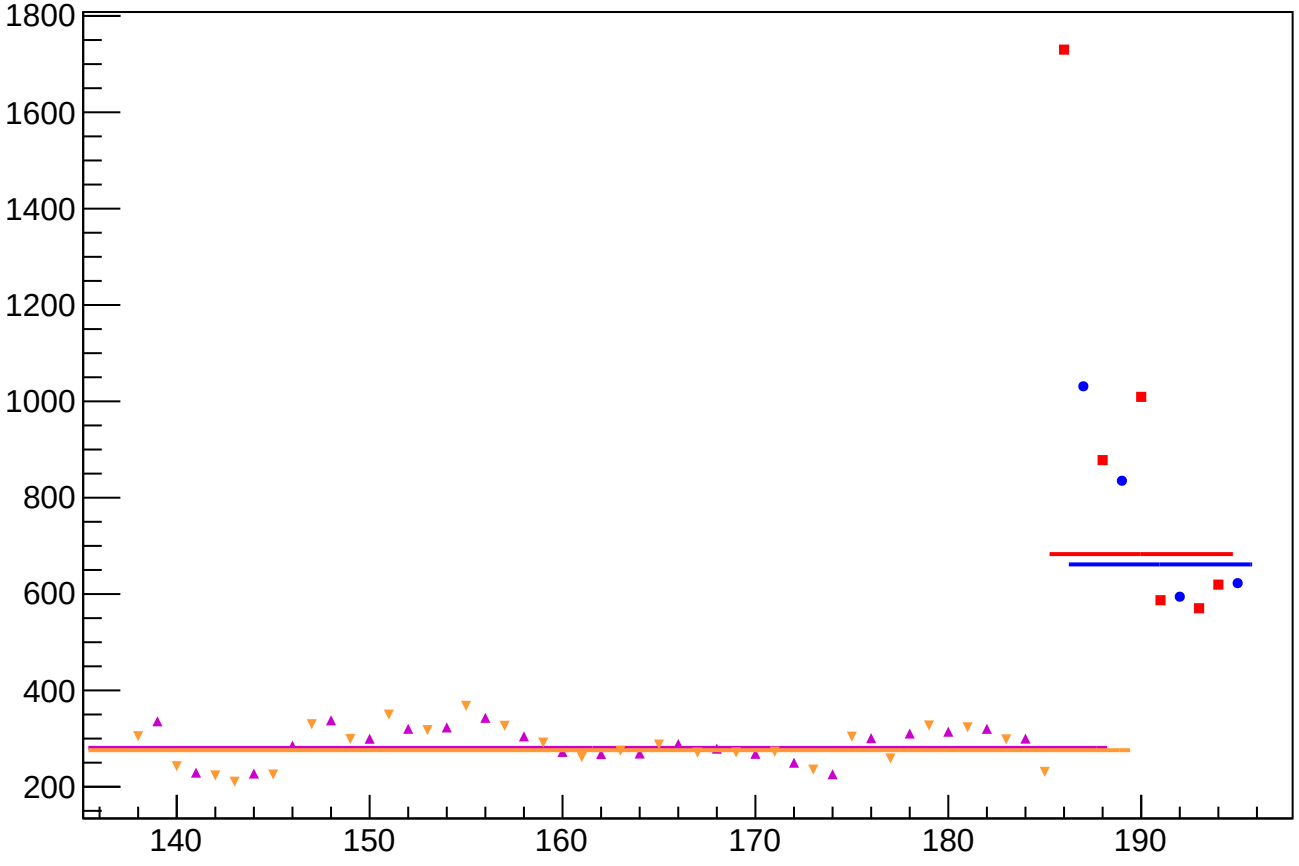
Right: 514.977+/-303.427 χ^2/NDF: 6.7/9

In: 53.783+/-66.910 χ^2/NDF:25.0/26

Out: -275.789+/-64.410 χ^2/NDF:67.8/30

All: -117.275+/-46.403 χ^2/NDF: 105.4/57

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 661.521+/-0.347 χ^2/NDF: 95110.2/3

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 682.948+/-0.273 χ^2/NDF: 515993.8/5

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

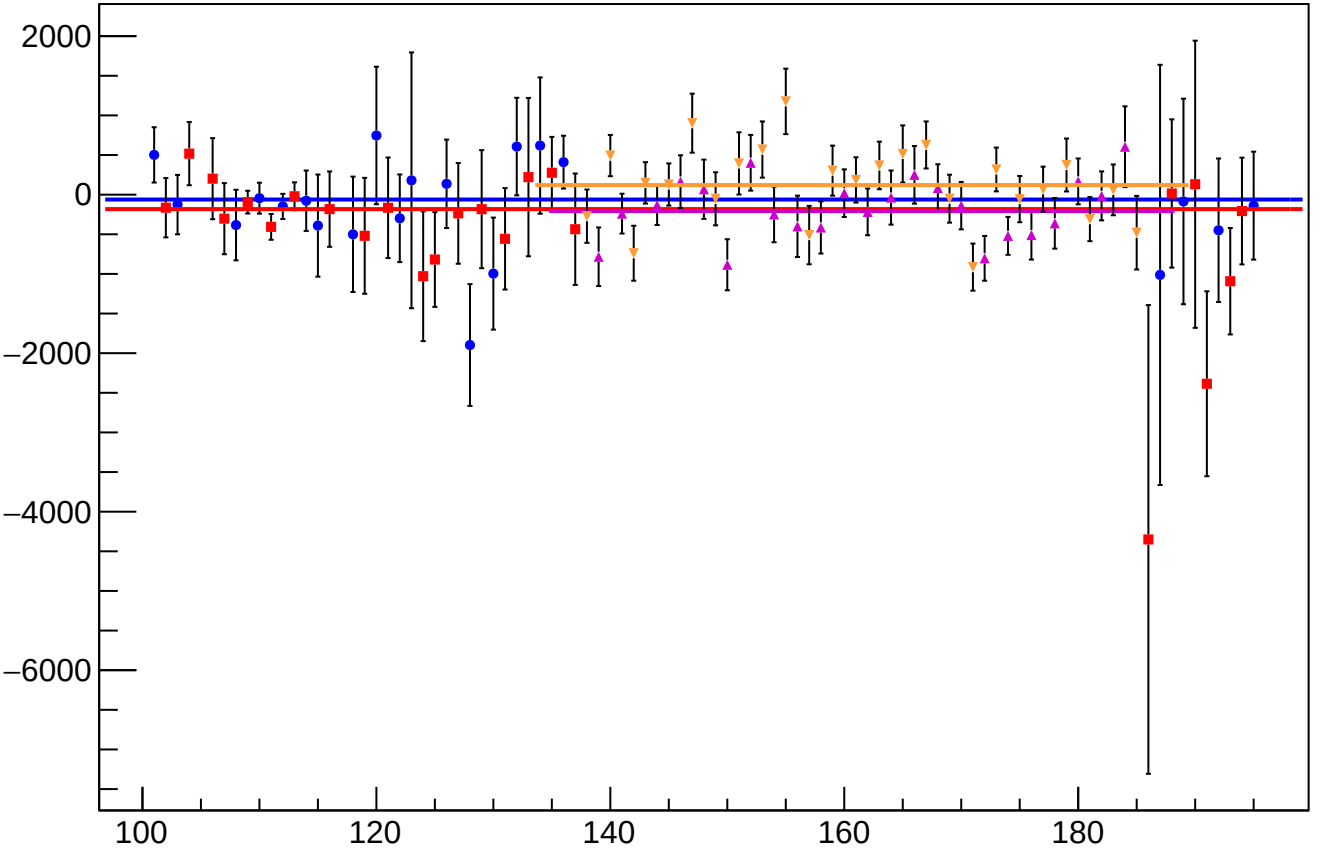
Right: 674.777+/-0.215 χ^2/NDF: 613457.0/9

In: 287.692+/-0.047 χ^2/NDF:1862107.7/26

Out: 287.248+/-0.046 χ^2/NDF:3433678.8/30

All: 287.461+/-0.033 χ^2/NDF: 5295832.1/57

asym_sam8_mean vs Slug, Sign Corrected



Right In: -61.380+/-88.875 χ^2/NDF: 16.9/20

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -182.099+/-75.557 χ^2/NDF: 18.4/23

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

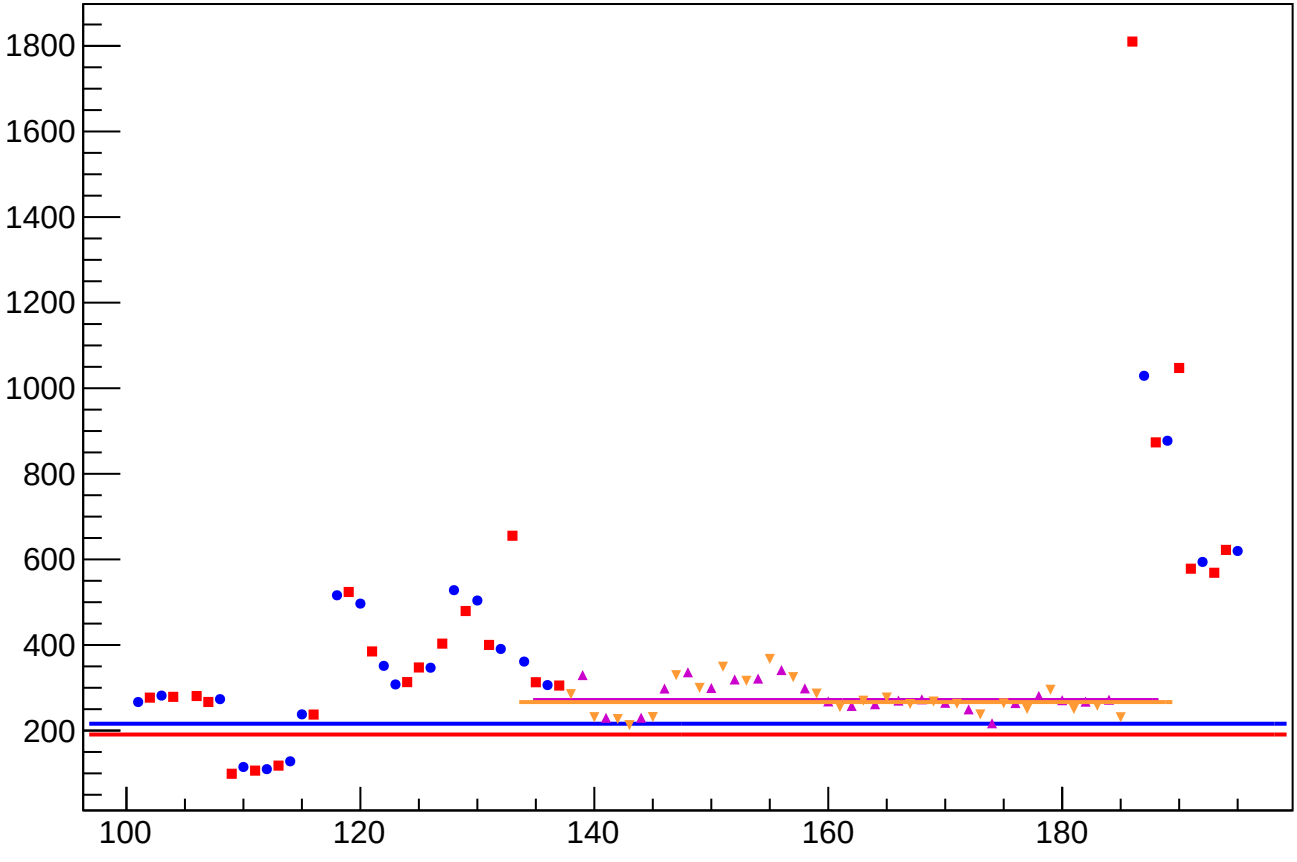
Right: -131.453+/-57.565 χ^2/NDF: 36.3/44

In: -156.033+/-52.595 χ^2/NDF:46.4/43

Out: -2.988+/-48.346 χ^2/NDF:76.9/48

All: -73.080+/-35.593 χ^2/NDF: 127.9/92

asym_sam8_rms vs Slug, Sign Corrected



Right In: 216.003+/-0.063 χ^2/NDF: 5251953.1/20

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 190.786+/-0.053 χ^2/NDF: 7977231.8/23

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

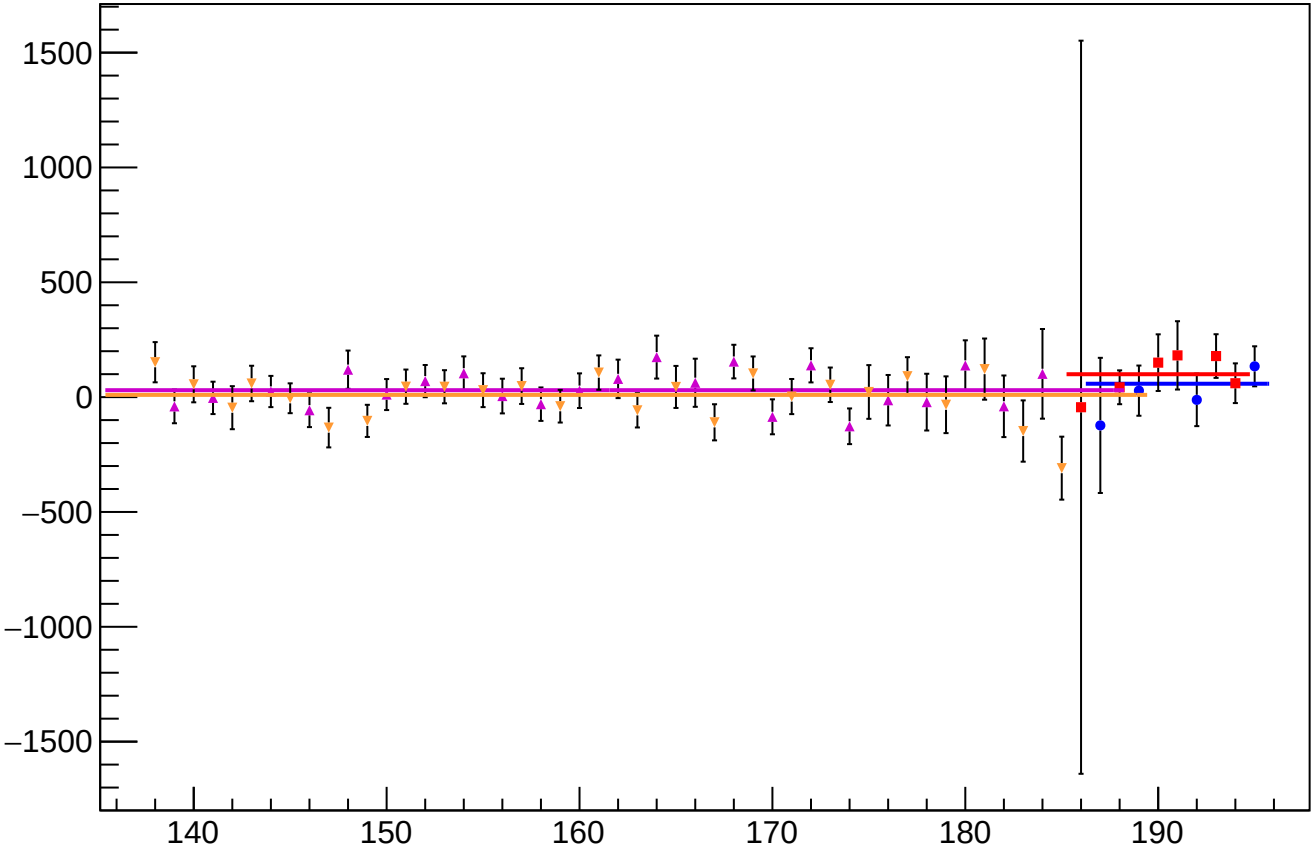
Right: 201.365+/-0.041 χ^2/NDF: 13322646.8/44

In: 252.032+/-0.037 χ^2/NDF:6288697.6/43

Out: 235.570+/-0.034 χ^2/NDF:9806224.1/48

All: 243.109+/-0.025 χ^2/NDF: 16201127.0/92

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 58.305+/-57.406 χ^2/NDF: 1.6/3

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 99.740+/-43.039 χ^2/NDF: 2.0/5

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

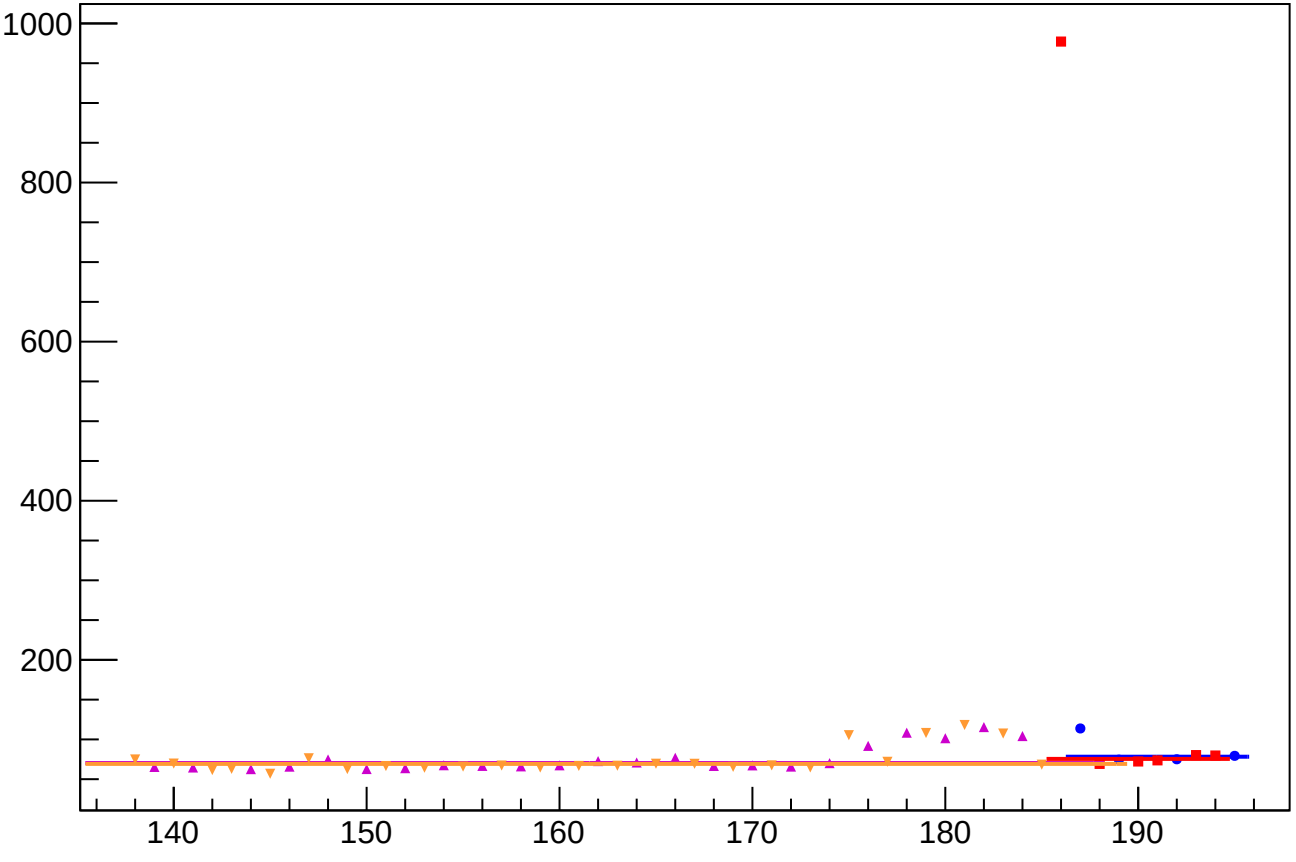
Right: 84.830+/-34.435 χ^2/NDF: 3.9/9

In: 32.506+/-16.327 χ^2/NDF:23.7/26

Out: 21.247+/-15.377 χ^2/NDF:31.7/30

All: 26.540+/-11.194 χ^2/NDF: 55.7/57

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 78.249+/-0.041 χ^2/NDF: 33303.0/3

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 75.505+/-0.030 χ^2/NDF: 664405.3/5

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

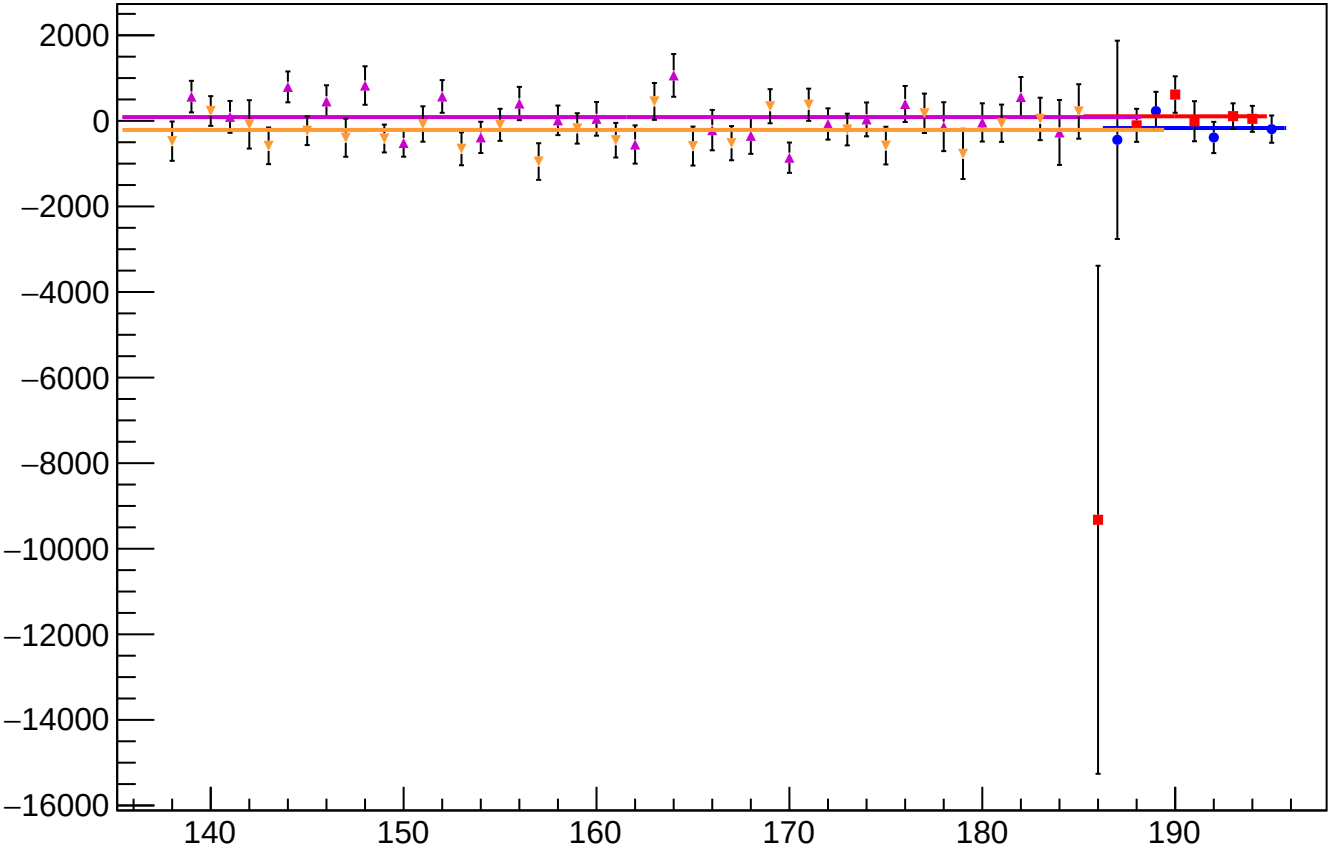
Right: 76.493+/-0.024 χ^2/NDF: 700633.4/9

In: 70.964+/-0.012 χ^2/NDF:930458.5/26

Out: 70.034+/-0.011 χ^2/NDF:1707374.3/30

All: 70.471+/-0.008 χ^2/NDF: 2641265.8/57

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -167.798+/-211.029 χ^2/NDF: 1.2/3

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 106.009+/-160.586 χ^2/NDF: 4.3/5

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

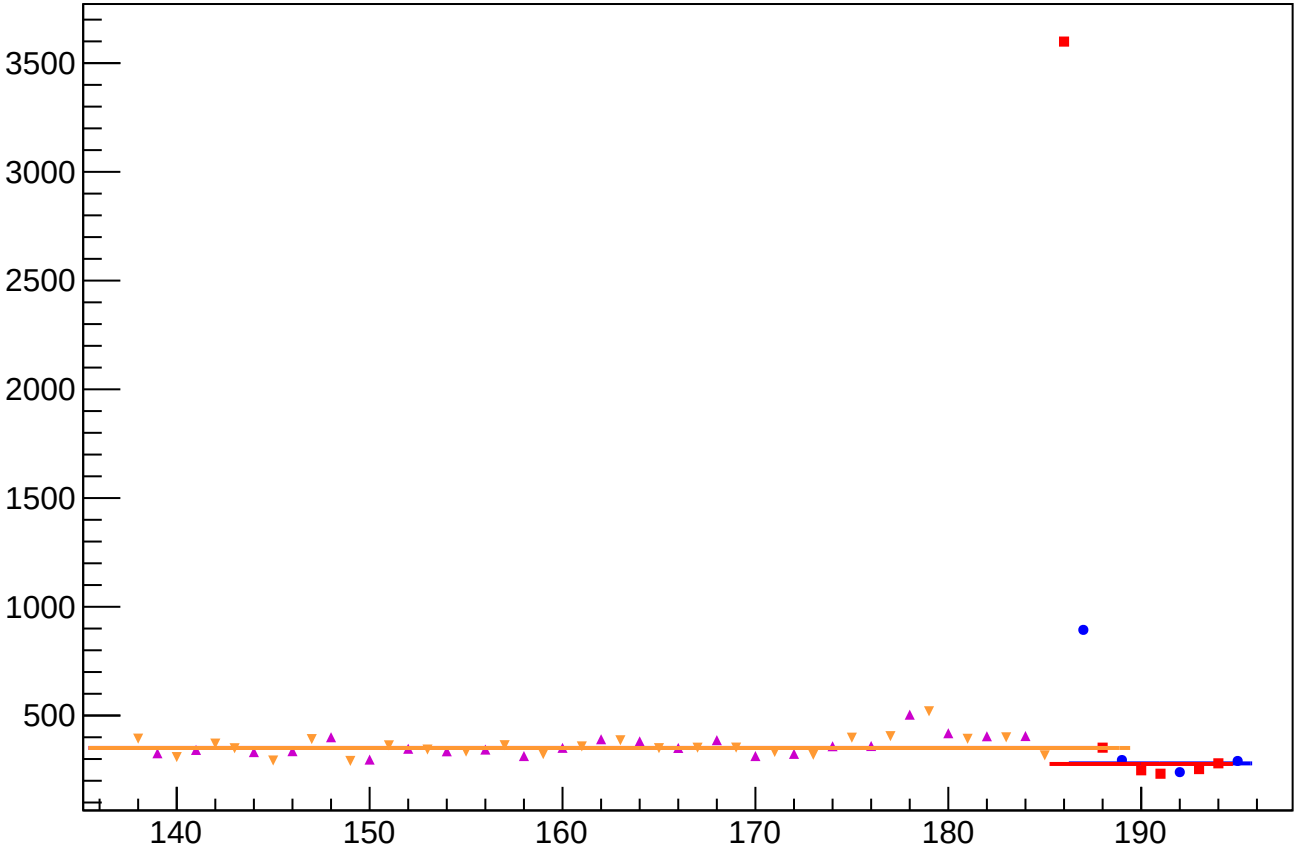
Right: 5.600+/-127.793 χ^2/NDF: 6.6/9

In: 52.845+/-78.292 χ^2/NDF:35.9/26

Out: -144.863+/-73.579 χ^2/NDF:26.8/30

All: -52.139+/-53.617 χ^2/NDF: 66.1/57

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 279.860+/-0.149 χ^2/NDF: 169493.9/3

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 277.272+/-0.114 χ^2/NDF: 741600.0/5

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

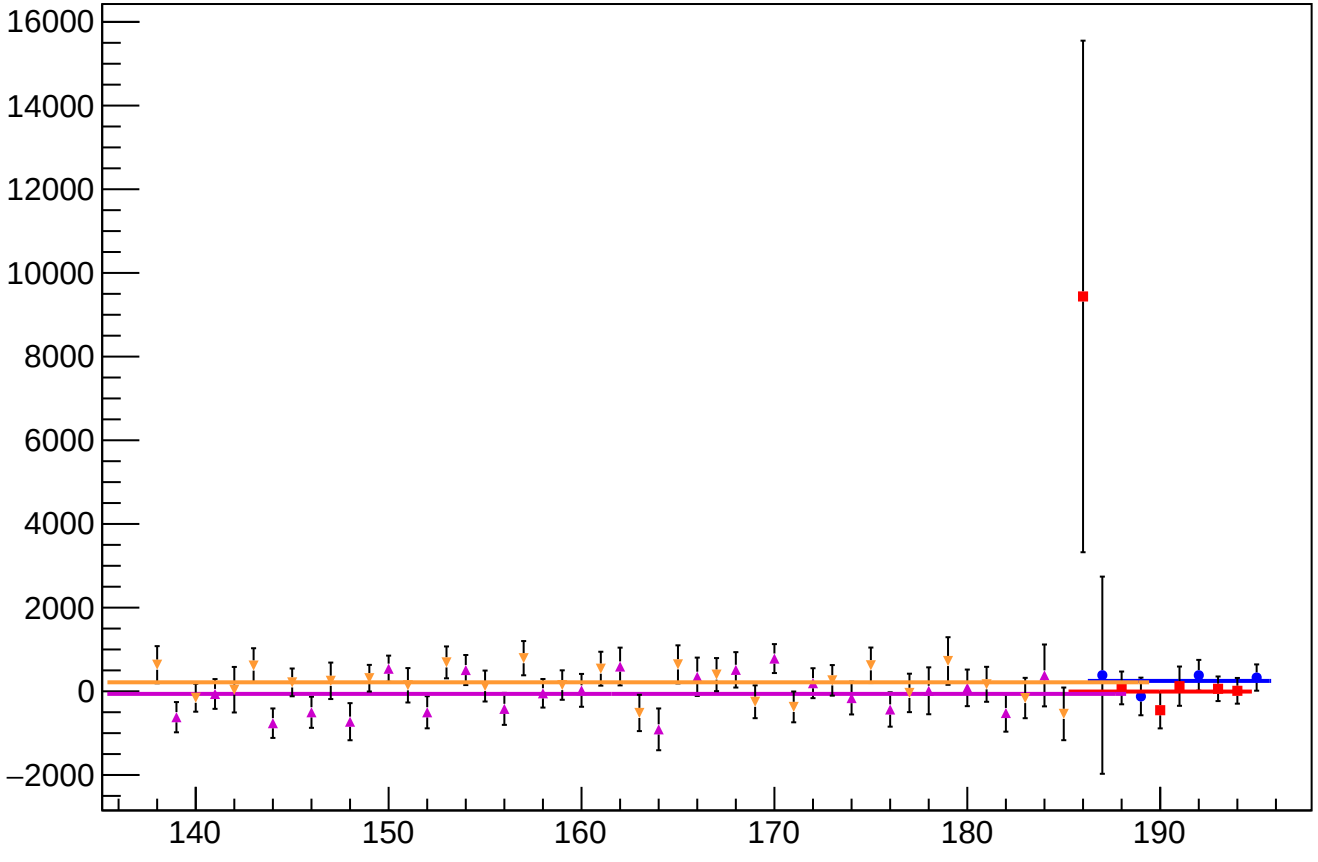
Right: 278.221+/-0.090 χ^2/NDF: 911284.4/9

In: 341.160+/-0.055 χ^2/NDF:790064.4/26

Out: 335.348+/-0.052 χ^2/NDF:1578967.5/30

All: 338.074+/-0.038 χ^2/NDF: 2374884.8/57

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 248.380+/-210.104 χ^2/NDF: 0.9/3

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -5.835+/-161.057 χ^2/NDF: 3.6/5

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

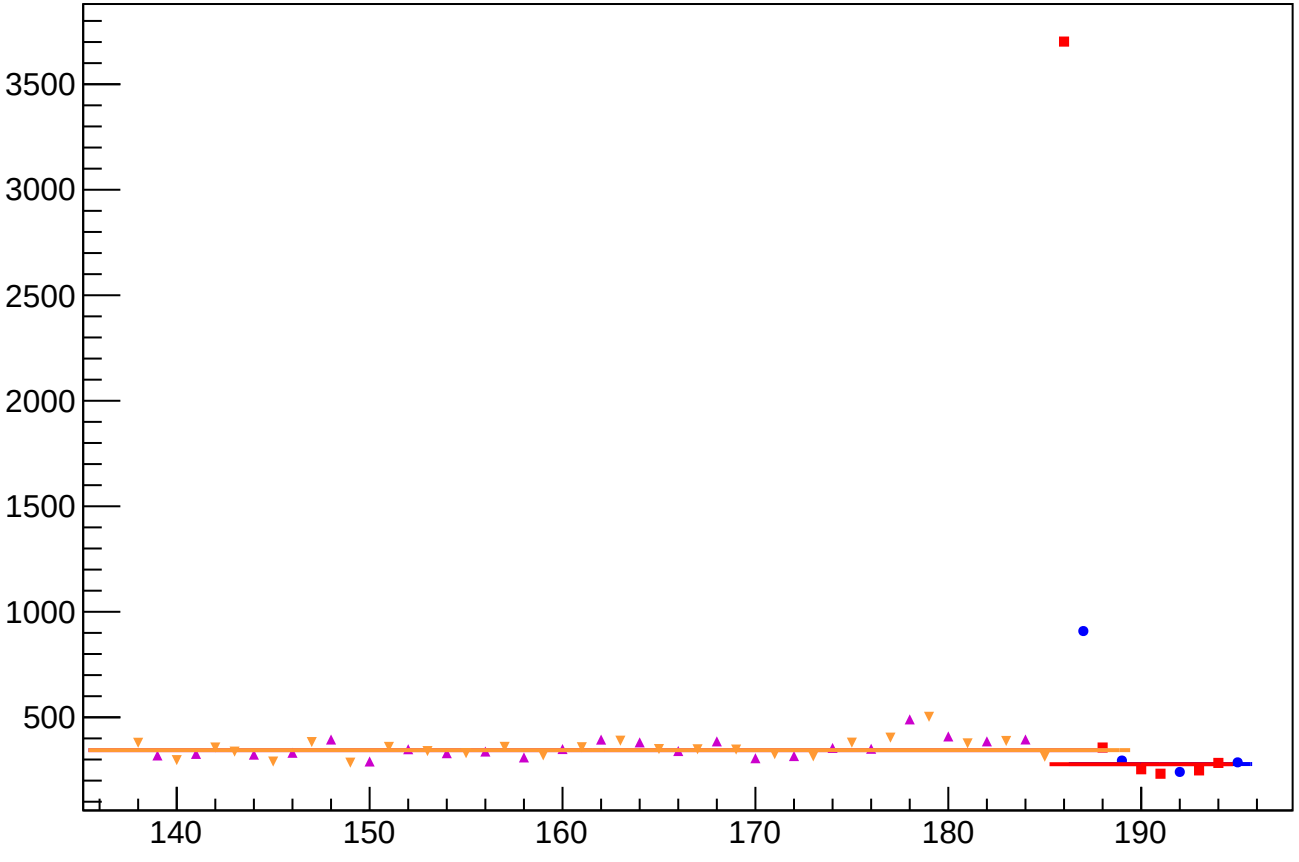
Right: 88.256+/-127.822 χ^2/NDF: 5.4/9

In: -20.007+/-77.067 χ^2/NDF:37.7/26

Out: 170.383+/-72.531 χ^2/NDF:24.7/30

All: 80.956+/-52.818 χ^2/NDF: 65.6/57

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 278.536+/-0.149 χ^2/NDF: 167768.8/3

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 277.767+/-0.114 χ^2/NDF: 754229.5/5

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

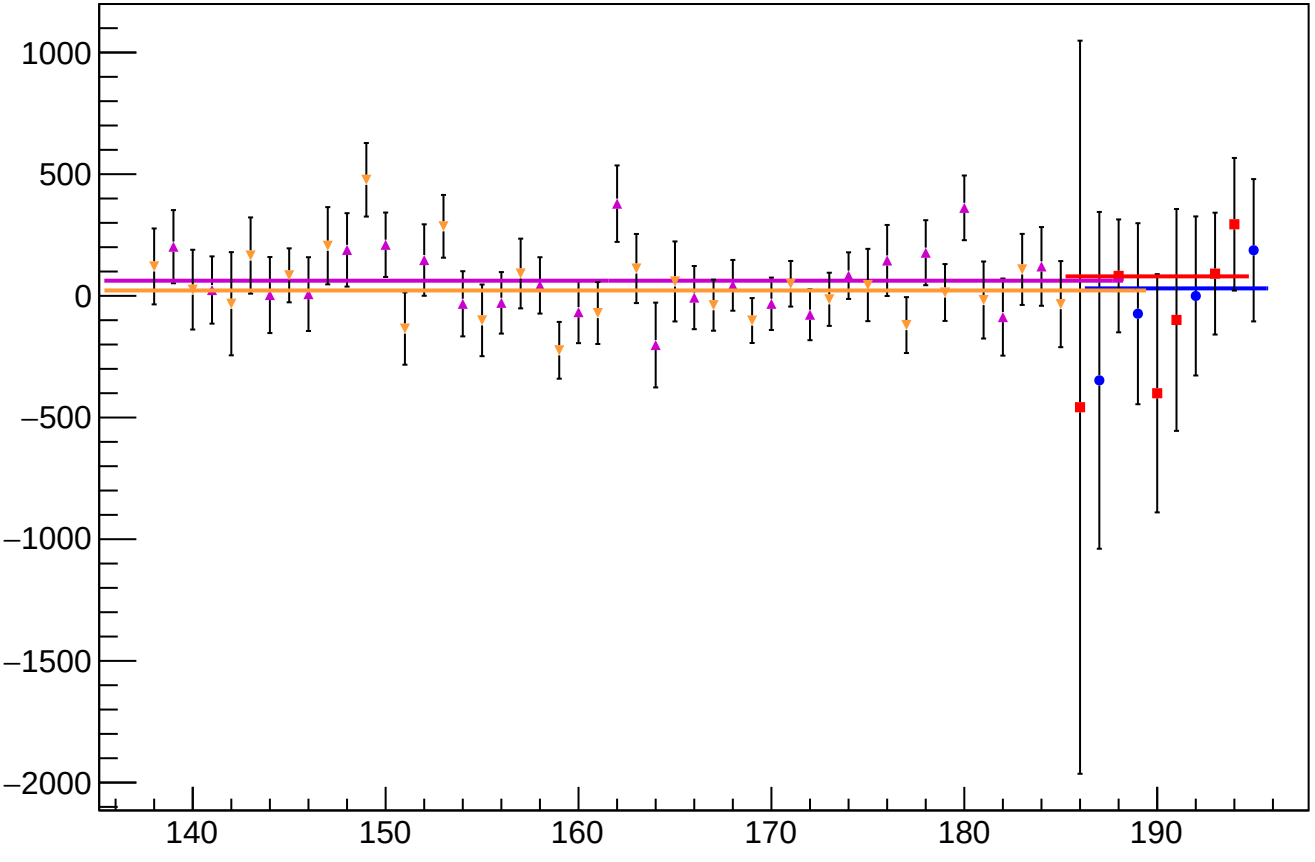
Right: 278.052+/-0.090 χ^2/NDF: 922015.1/9

In: 335.603+/-0.054 χ^2/NDF:771656.7/26

Out: 330.917+/-0.051 χ^2/NDF:1515836.9/30

All: 333.118+/-0.037 χ^2/NDF: 2291414.5/57

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 30.711+/-181.447 χ^2/NDF: 0.7/3

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 80.058+/-131.955 χ^2/NDF: 1.9/5

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

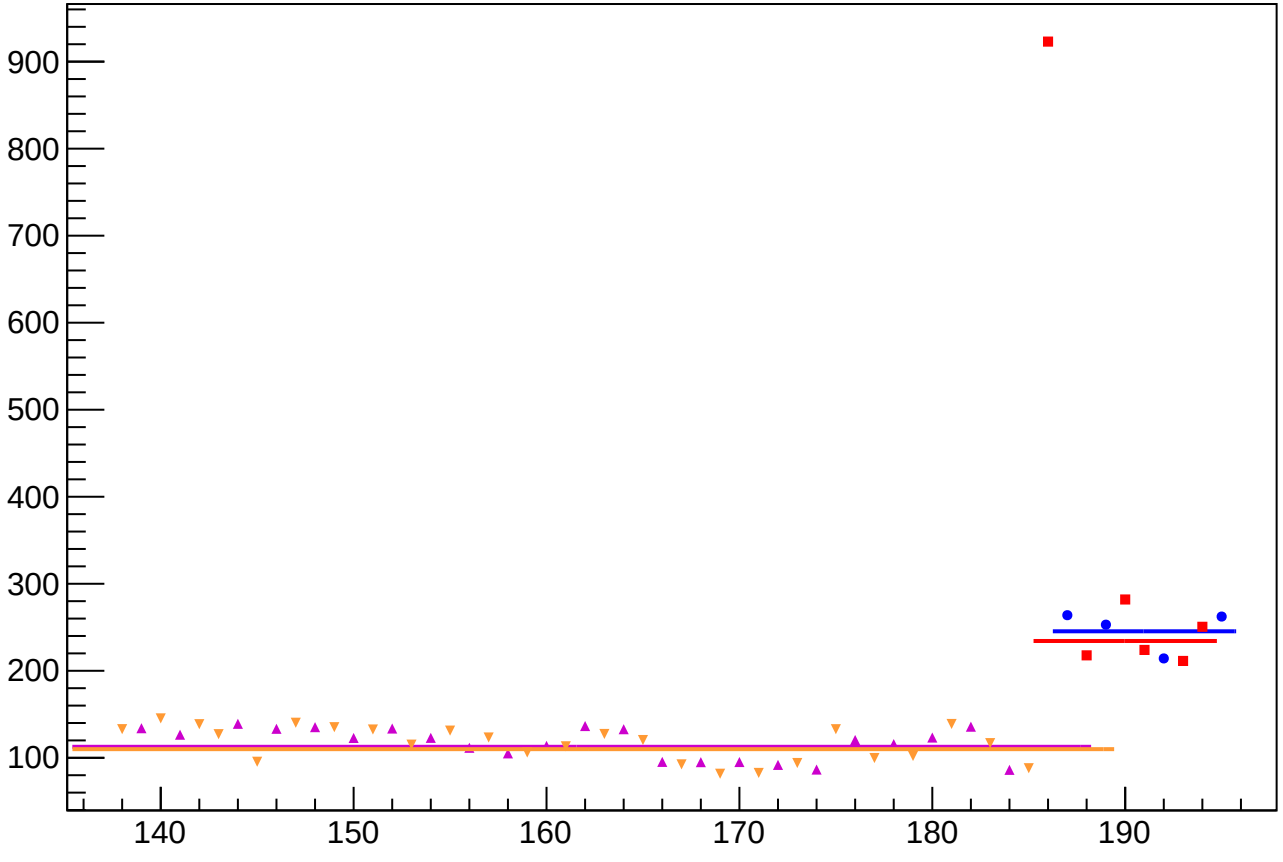
Right: 62.988+/-106.718 χ^2/NDF: 2.6/9

In: 61.606+/-27.091 χ^2/NDF:22.7/26

Out: 24.373+/-25.778 χ^2/NDF:30.1/30

All: 42.065+/-18.675 χ^2/NDF: 53.8/57

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 245.383+/-0.128 χ^2/NDF: 27177.1/3

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 234.250+/-0.093 χ^2/NDF: 472242.1/5

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

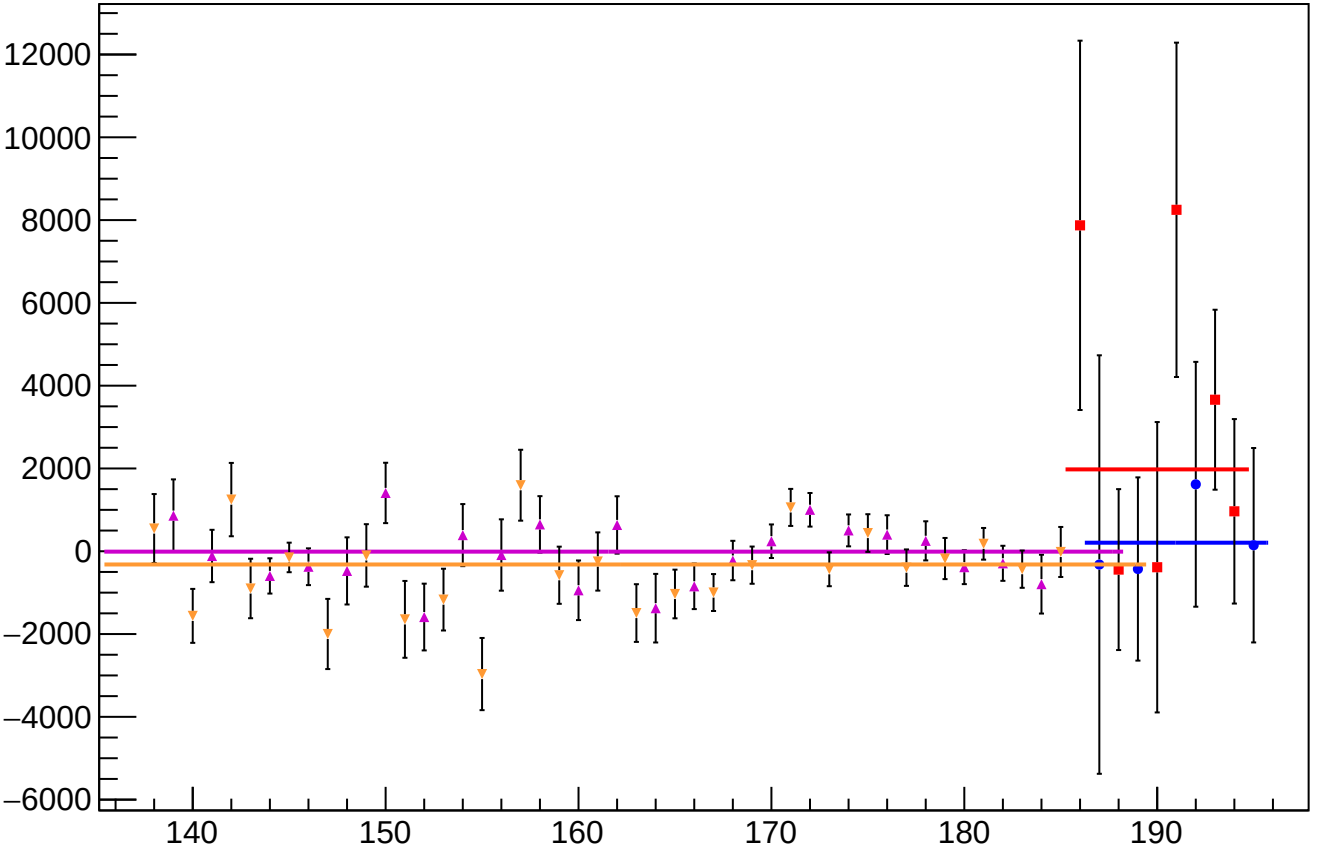
Right: 238.101+/-0.075 χ^2/NDF: 504344.0/9

In: 115.616+/-0.019 χ^2/NDF:1909293.3/26

Out: 114.696+/-0.018 χ^2/NDF:3319762.0/30

All: 115.133+/-0.013 χ^2/NDF: 5230265.1/57

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 206.527+/-1362.144 χ^2/NDF: 0.3/3

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 1977.637+/-1071.719 χ^2/NDF: 7.0/5

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

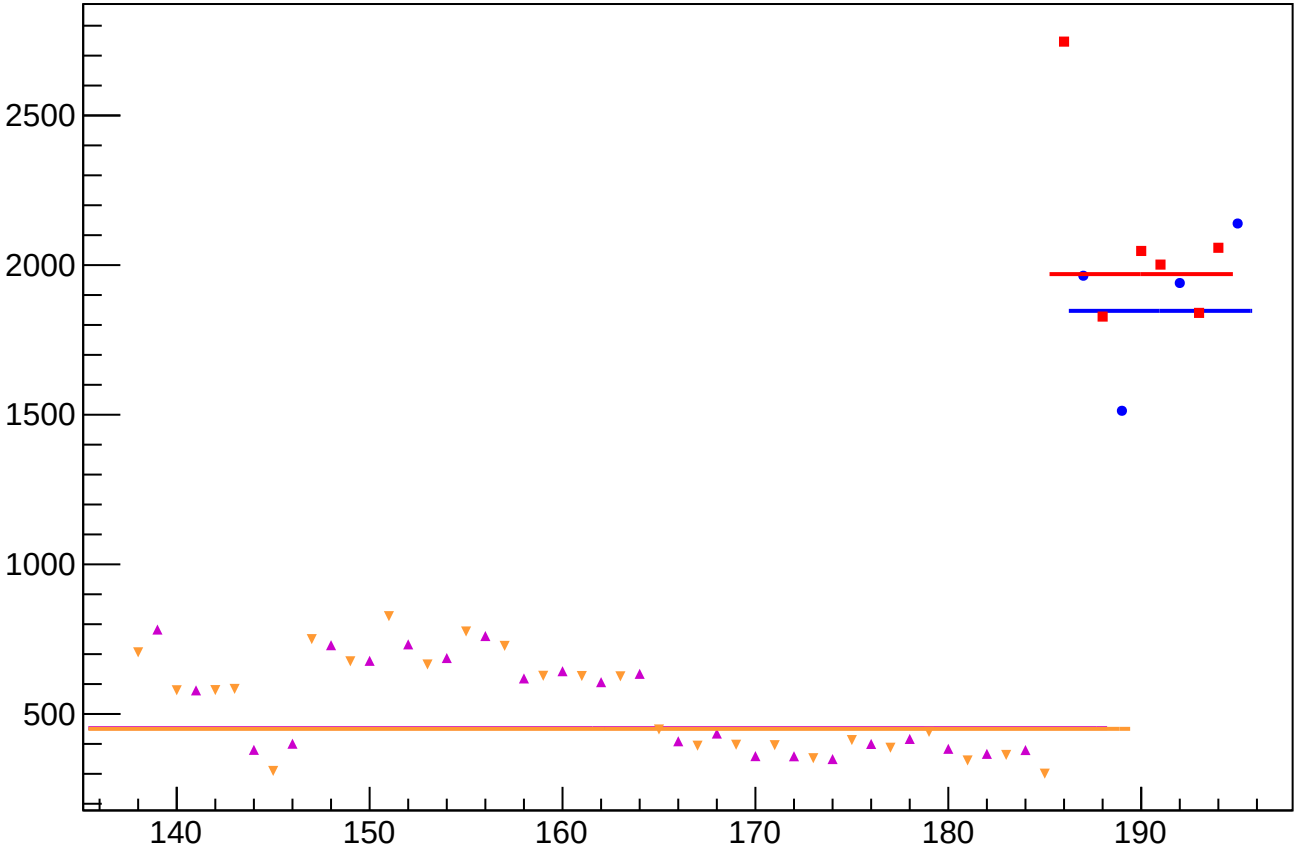
Right: 1300.456+/-842.273 χ^2/NDF: 8.3/9

In: -8.003+/-111.960 χ^2/NDF:32.8/26

Out: -295.313+/-109.726 χ^2/NDF:63.1/30

All: -154.553+/-78.366 χ^2/NDF: 99.2/57

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1847.121+/-0.963 χ^2/NDF: 79491.2/3

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1969.914+/-0.758 χ^2/NDF: 82645.7/5

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

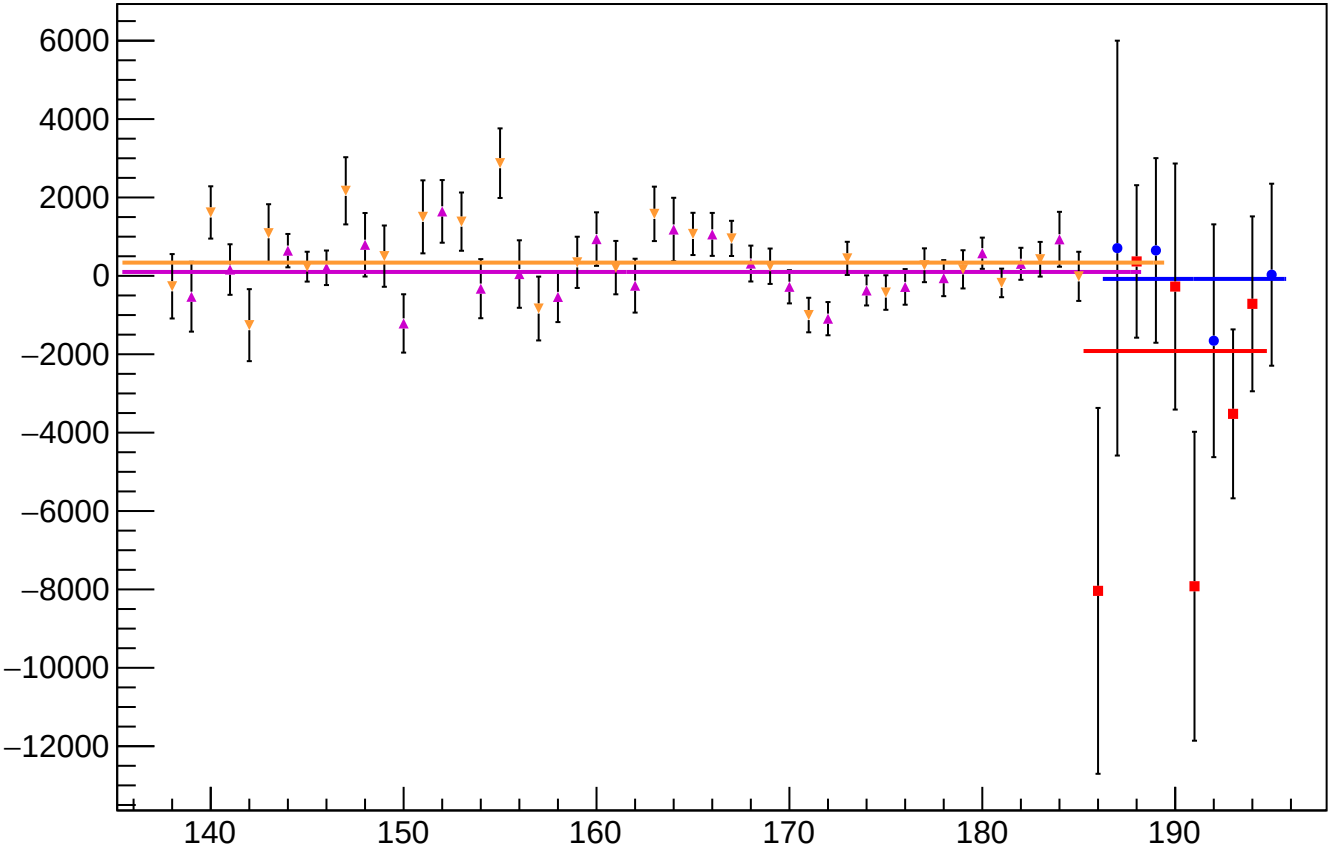
Right: 1922.964+/-0.596 χ^2/NDF: 172175.7/9

In: 462.115+/-0.079 χ^2/NDF:4747286.1/26

Out: 466.291+/-0.078 χ^2/NDF:7157610.9/30

All: 464.245+/-0.055 χ^2/NDF: 11906316.8/57

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -77.786+/-1393.689 χ^2/NDF: 0.4/3

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -1917.573+/-1058.686 χ^2/NDF: 6.5/5

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

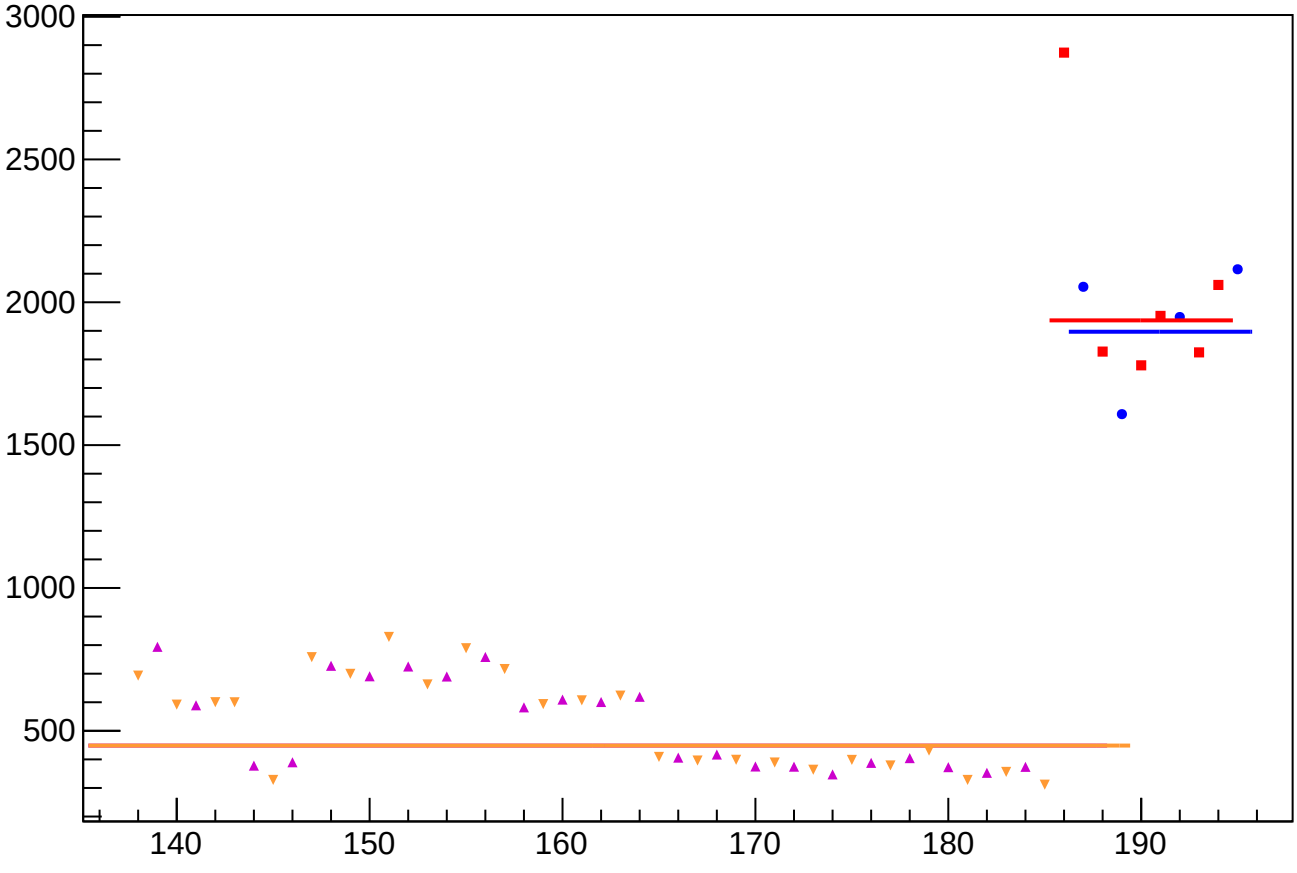
Right: -1244.397+/-843.036 χ^2/NDF: 8.0/9

In: 98.348+/-111.120 χ^2/NDF:32.5/26

Out: 313.931+/-109.244 χ^2/NDF:59.6/30

All: 207.974+/-77.902 χ^2/NDF: 94.0/57

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1896.888+/-0.985 χ^2/NDF: 50089.7/3

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1936.616+/-0.749 χ^2/NDF: 103586.8/5

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

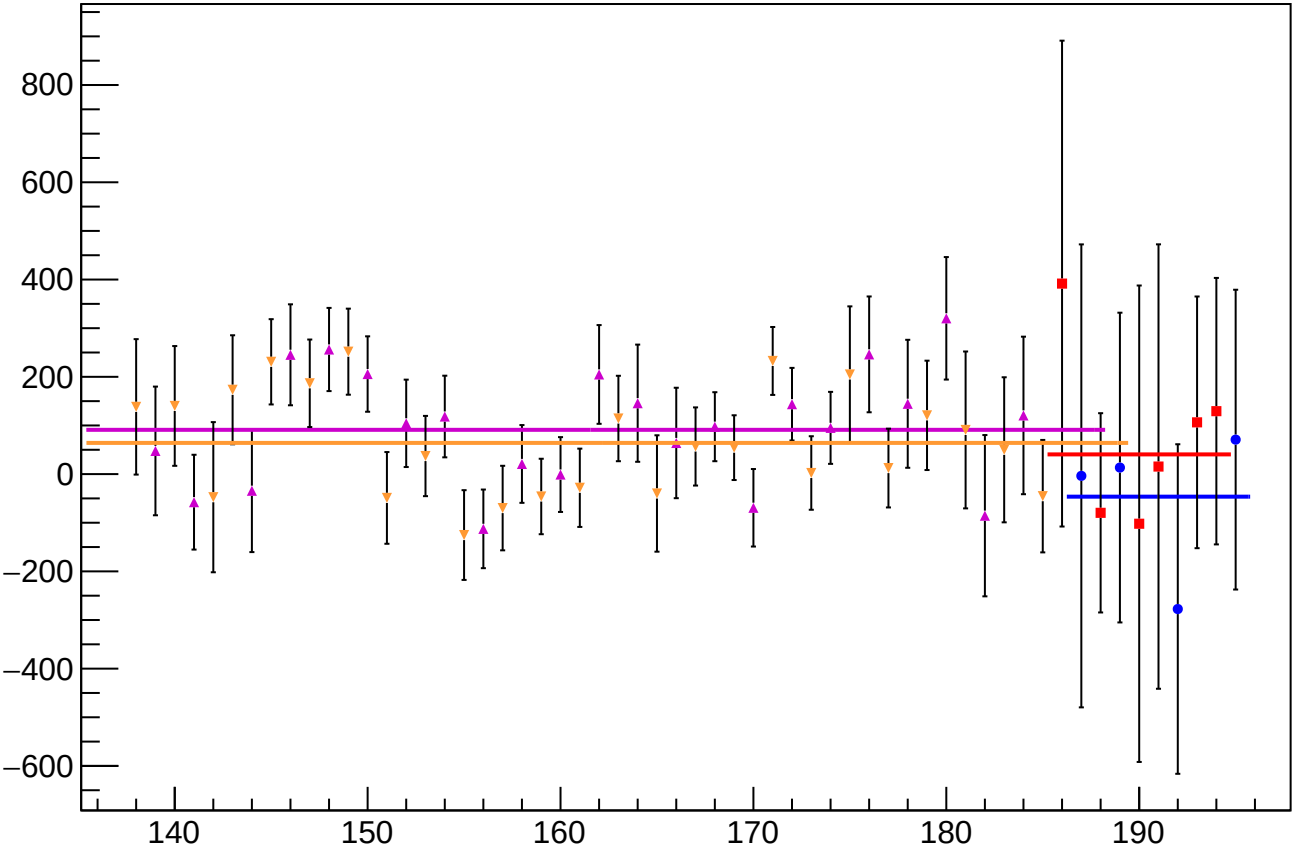
Right: 1922.080+/-0.596 χ^2/NDF: 154707.0/9

In: 457.447+/-0.079 χ^2/NDF:4760659.8/26

Out: 464.243+/-0.077 χ^2/NDF:7090808.5/30

All: 460.903+/-0.055 χ^2/NDF: 11855272.0/57

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -46.387+/-172.731 χ^2/NDF: 0.7/3

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 40.504+/-123.983 χ^2/NDF: 1.1/5

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

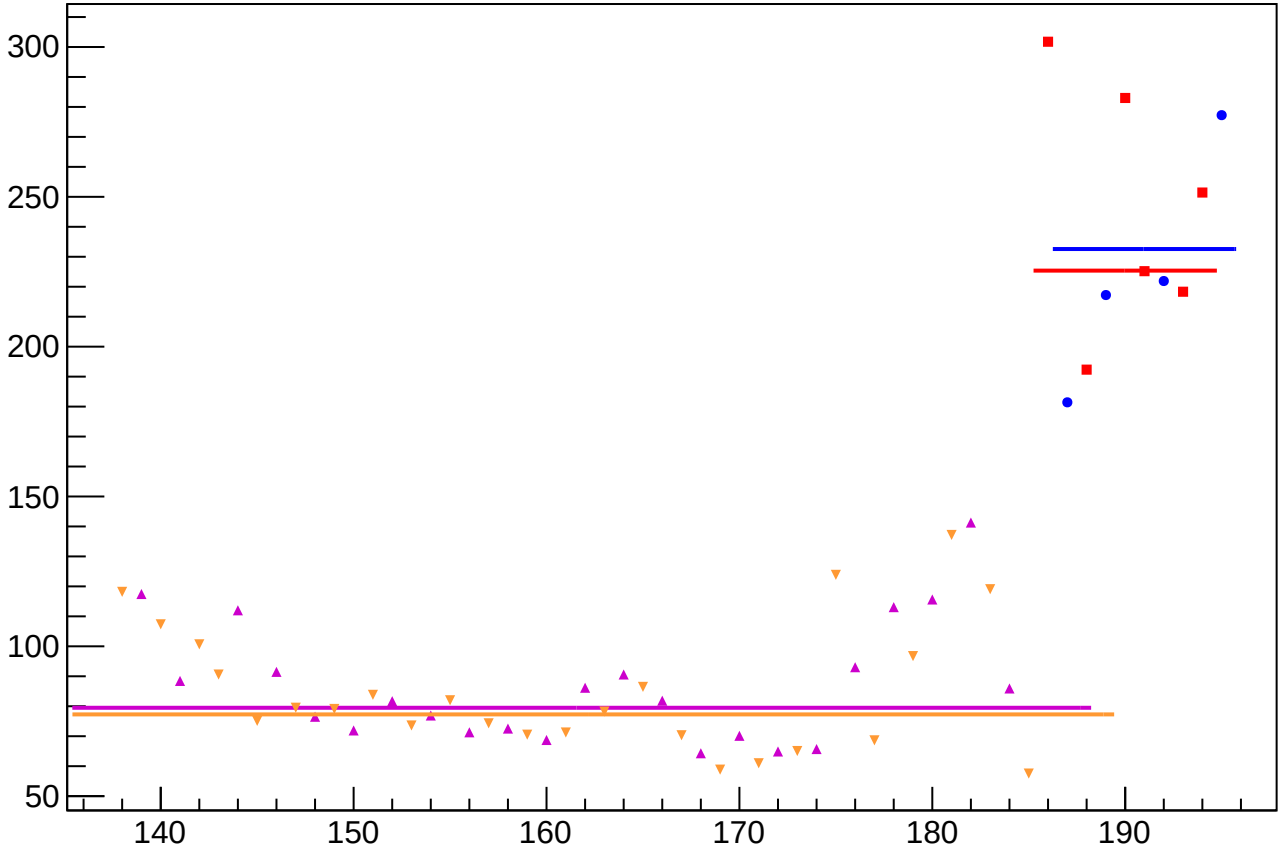
Right: 10.959+/-100.723 χ^2/NDF: 1.9/9

In: 89.275+/-19.512 χ^2/NDF:33.9/26

Out: 63.614+/-18.518 χ^2/NDF:34.9/30

All: 75.774+/-13.432 χ^2/NDF: 69.7/57

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 232.583+/-0.122 χ^2/NDF: 71763.6/3

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 225.376+/-0.088 χ^2/NDF: 146060.8/5

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

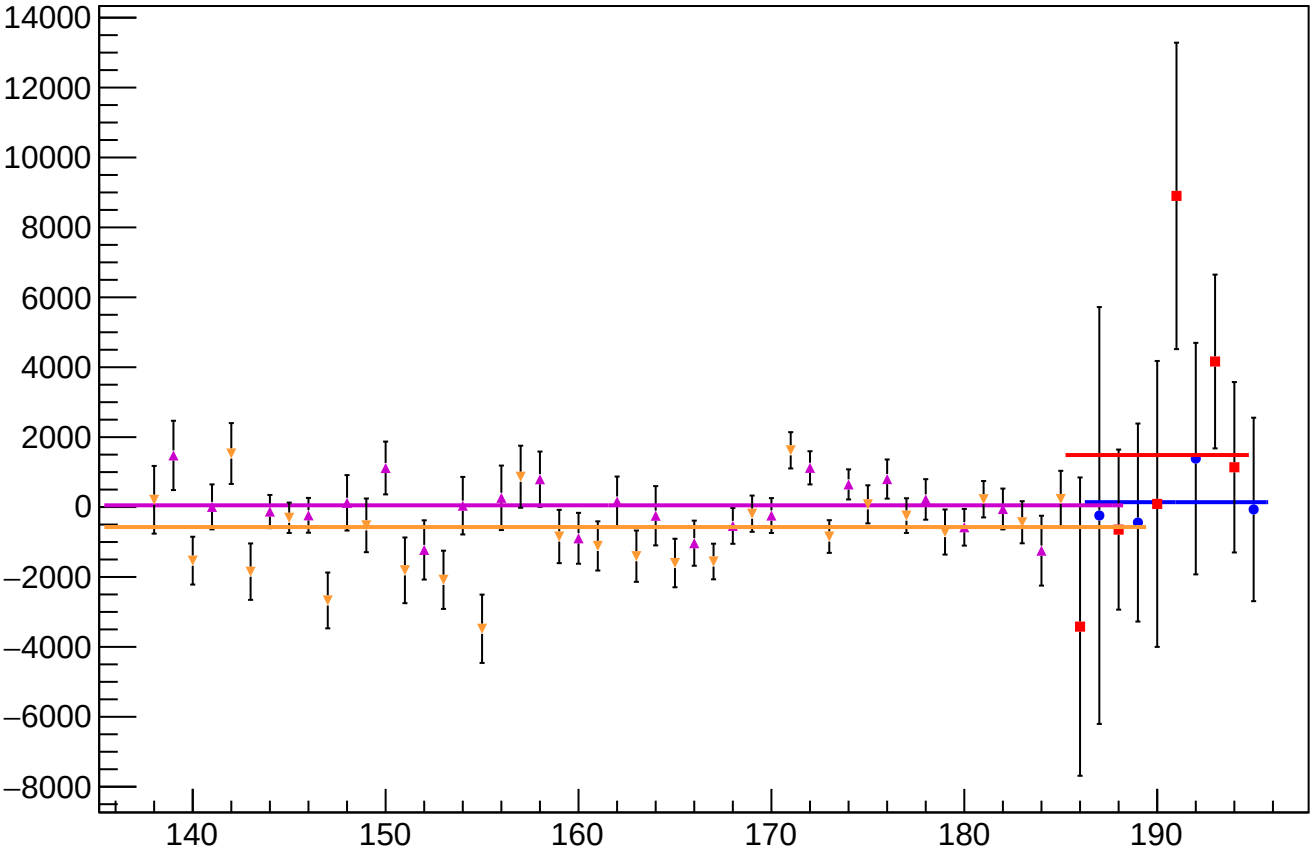
Right: 227.827+/-0.071 χ^2/NDF: 220121.8/9

In: 81.445+/-0.014 χ^2/NDF:2956539.1/26

Out: 80.583+/-0.013 χ^2/NDF:4489420.3/30

All: 80.992+/-0.009 χ^2/NDF: 7448011.6/57

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 139.833+/-1603.052 χ^2/NDF: 0.2/3

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 1488.126+/-1205.881 χ^2/NDF: 6.3/5

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

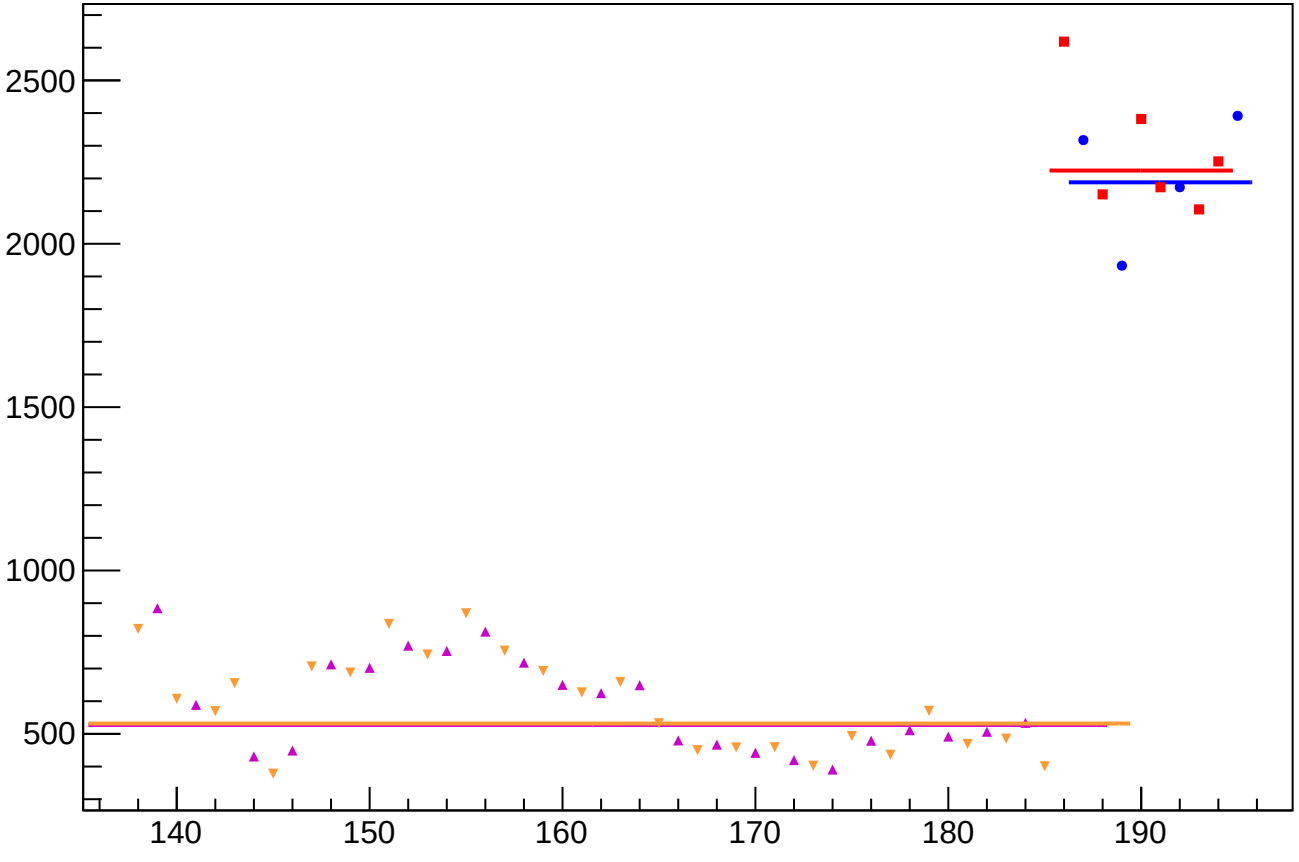
Right: 1000.885+/-963.667 χ^2/NDF: 7.0/9

In: 50.656+/-128.769 χ^2/NDF:26.3/26

Out: -548.663+/-127.440 χ^2/NDF:76.0/30

All: -252.113+/-90.580 χ^2/NDF: 113.3/57

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 2188.077+/-1.134 χ^2/NDF: 29221.0/3

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2224.130+/-0.853 χ^2/NDF: 27211.6/5

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

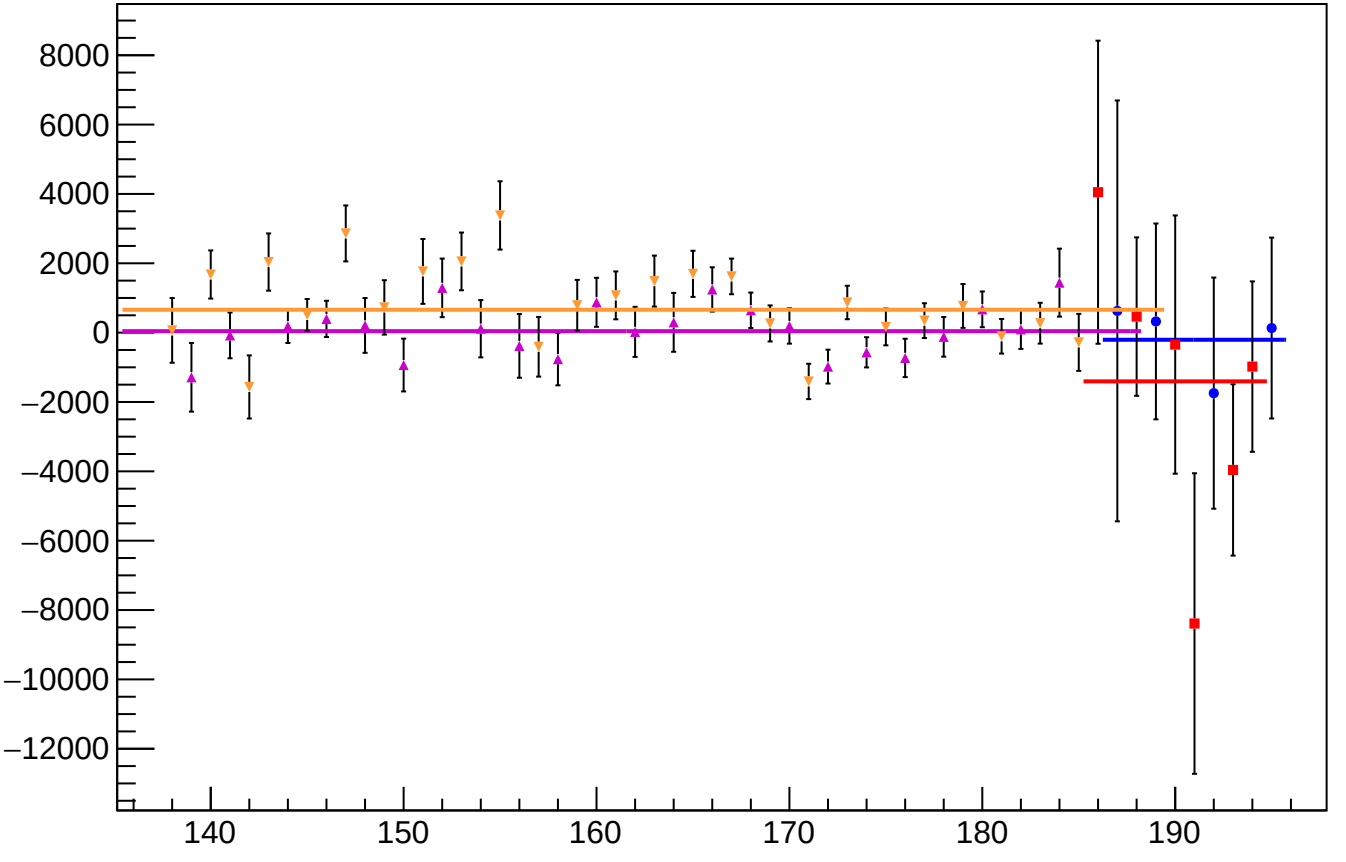
Right: 2211.101+/-0.681 χ^2/NDF: 57078.6/9

In: 537.899+/-0.091 χ^2/NDF:3975685.7/26

Out: 550.546+/-0.090 χ^2/NDF:5961292.3/30

All: 544.288+/-0.064 χ^2/NDF: 9946723.2/57

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -205.332+/-1601.963 χ^2/NDF: 0.3/3

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -1405.123+/-1196.238 χ^2/NDF: 6.0/5

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

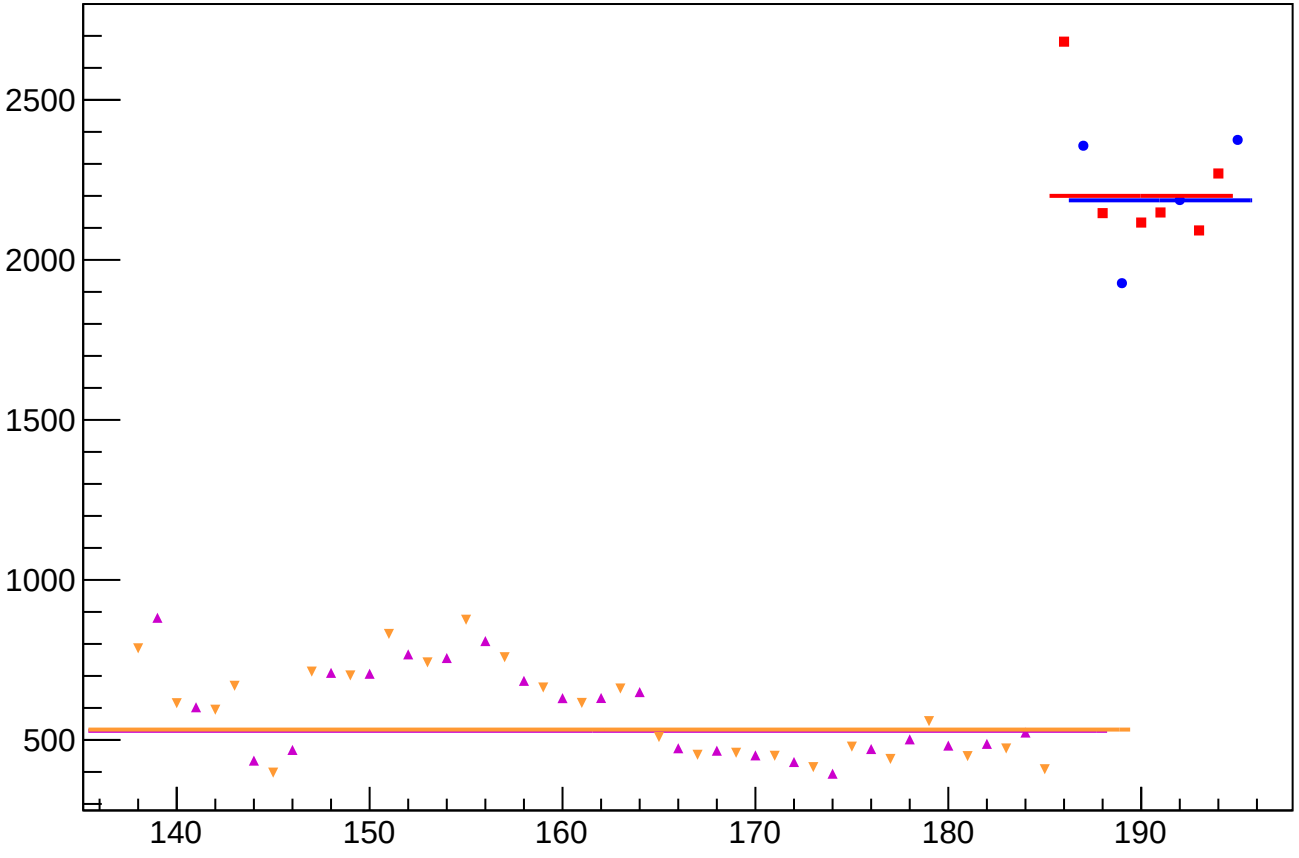
Right: -975.609+/-958.492 χ^2/NDF: 6.6/9

In: 41.568+/-129.116 χ^2/NDF:26.3/26

Out: 636.092+/-127.435 χ^2/NDF:71.4/30

All: 342.727+/-90.699 χ^2/NDF: 108.5/57

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2186.149+/-1.133 χ^2/NDF: 28880.6/3

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2200.091+/-0.846 χ^2/NDF: 32165.1/5

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

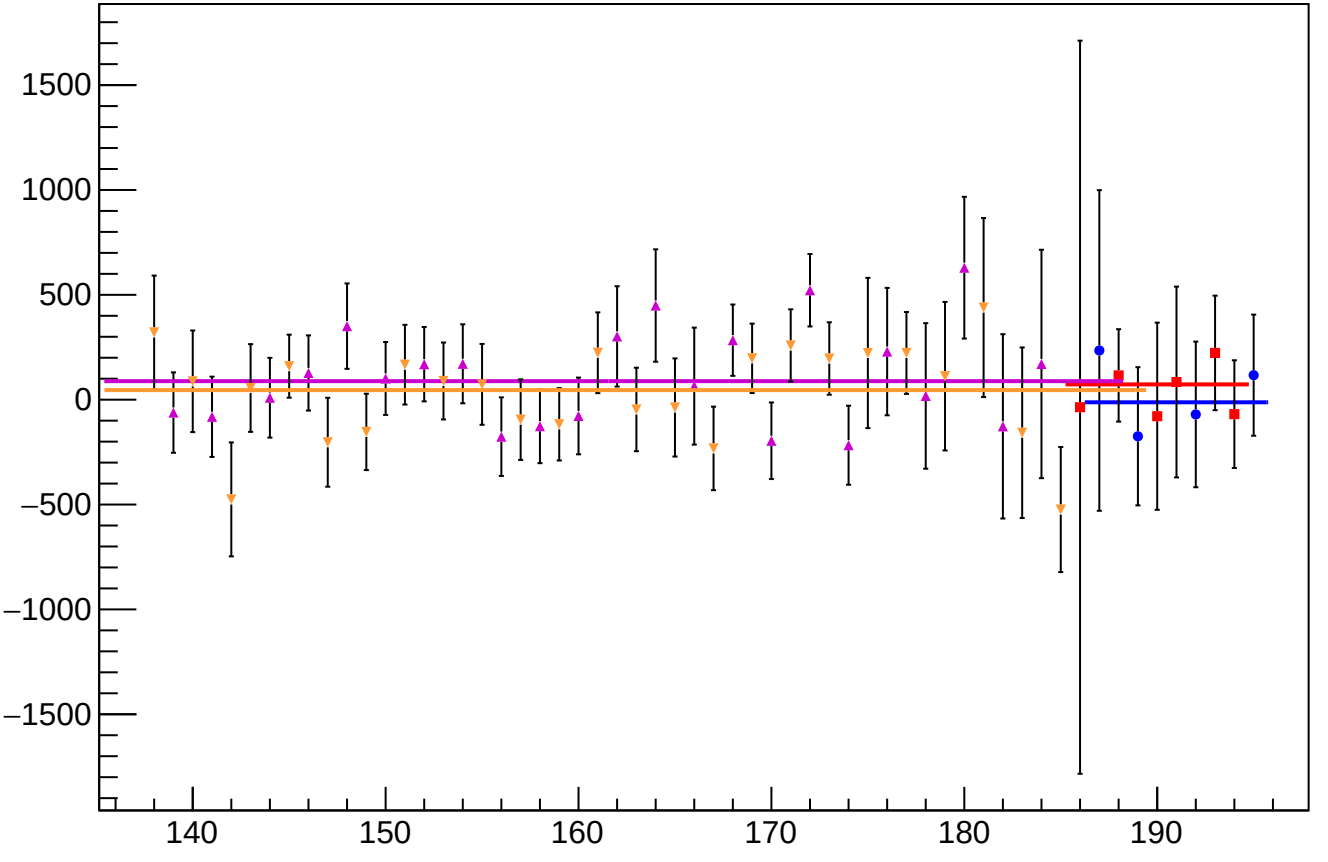
Right: 2195.100+/-0.678 χ^2/NDF: 61142.9/9

In: 539.233+/-0.091 χ^2/NDF:3868569.8/26

Out: 551.319+/-0.090 χ^2/NDF:5818256.6/30

All: 545.355+/-0.064 χ^2/NDF: 9695702.6/57

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -12.452+/-179.001 χ^2/NDF: 0.6/3

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: 72.968+/-129.800 χ^2/NDF: 0.8/5

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

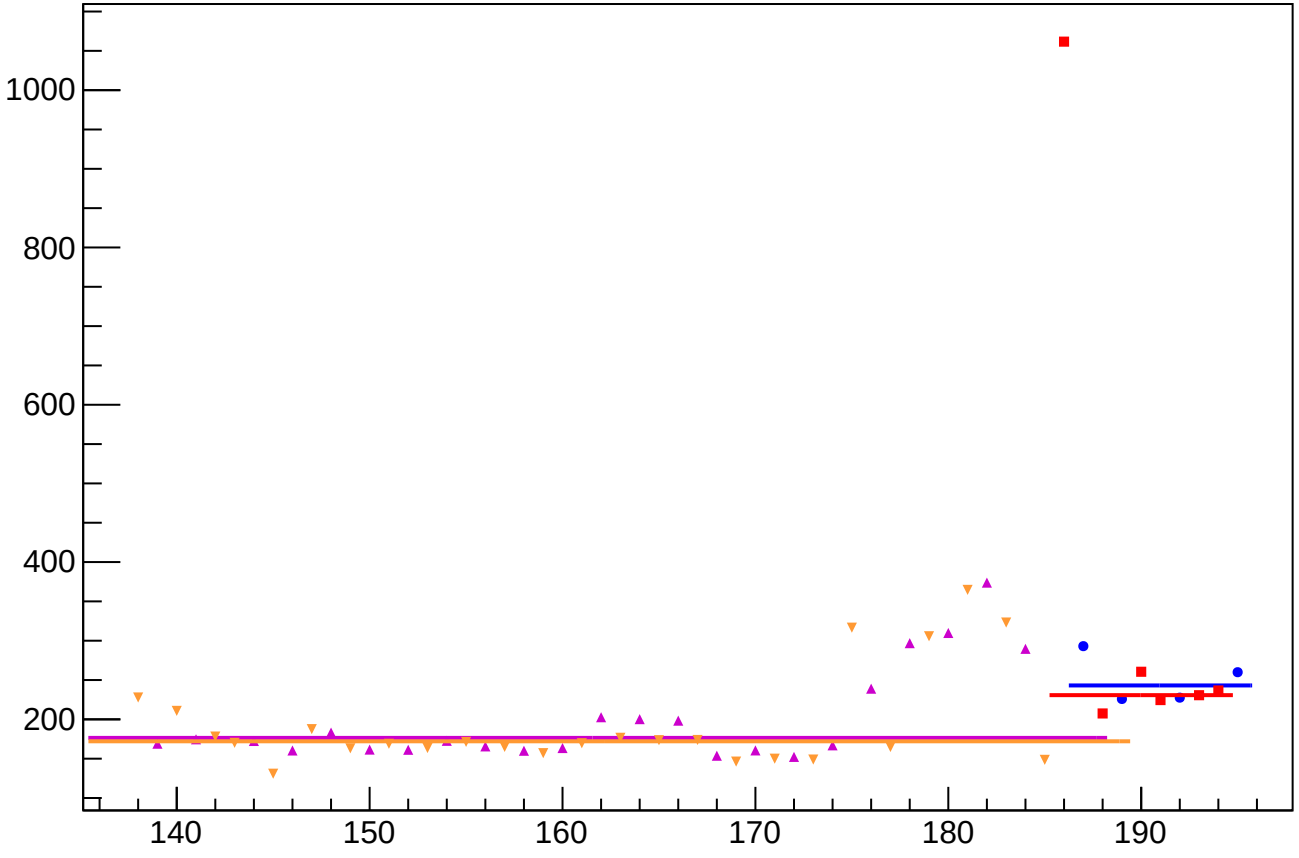
Right: 43.531+/-105.081 χ^2/NDF: 1.5/9

In: 82.730+/-42.286 χ^2/NDF:27.2/26

Out: 48.237+/-39.769 χ^2/NDF:22.7/30

All: 64.427+/-28.970 χ^2/NDF: 50.3/57

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 243.119+/-0.127 χ^2/NDF: 24788.9/3

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 230.781+/-0.092 χ^2/NDF: 484675.2/5

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

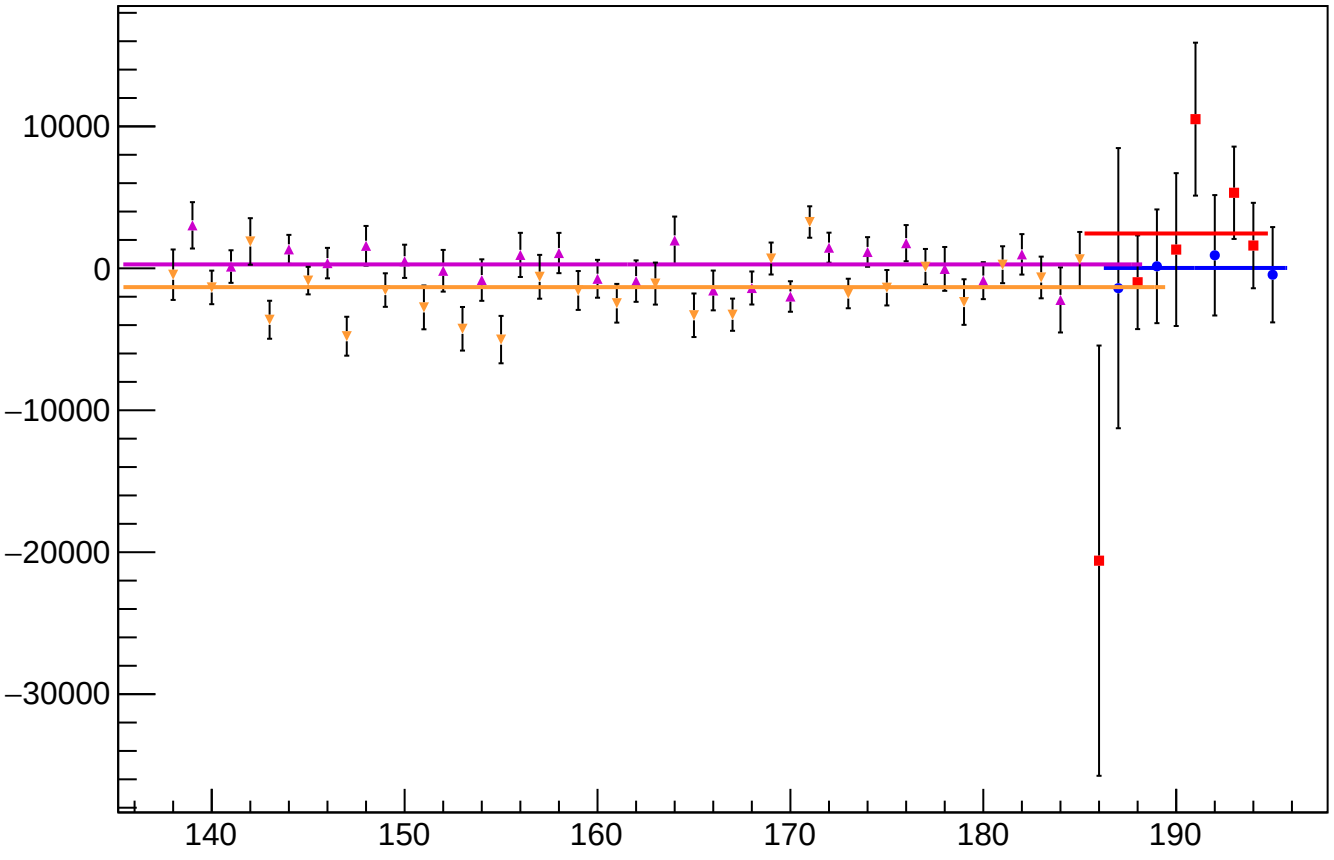
Right: 235.033+/-0.074 χ^2/NDF: 515691.4/9

In: 180.147+/-0.030 χ^2/NDF:1647549.9/26

Out: 177.606+/-0.028 χ^2/NDF:2607607.8/30

All: 178.798+/-0.020 χ^2/NDF: 4258990.1/57

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 26.109+/-2147.342 χ^2/NDF: 0.1/3

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 2454.879+/-1643.836 χ^2/NDF: 6.5/5

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

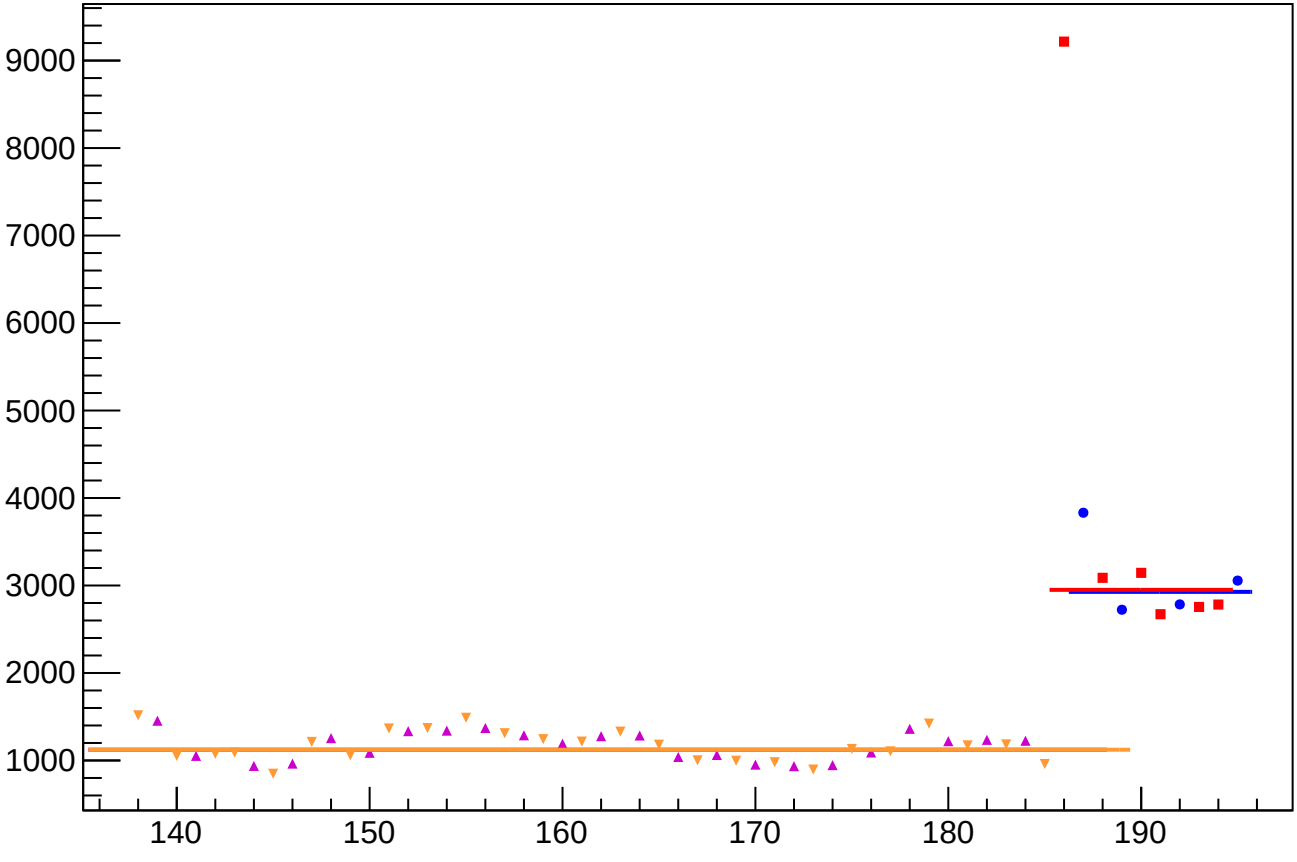
Right: 1557.468+/-1305.280 χ^2/NDF: 7.4/9

In: 272.762+/-268.425 χ^2/NDF:22.1/26

Out: -1227.969+/-262.536 χ^2/NDF:65.3/30

All: -494.245+/-187.688 χ^2/NDF: 103.4/57

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 2927.364+/-1.518 χ^2/NDF: 27219.2/3

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 2950.280+/-1.162 χ^2/NDF: 366775.6/5

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

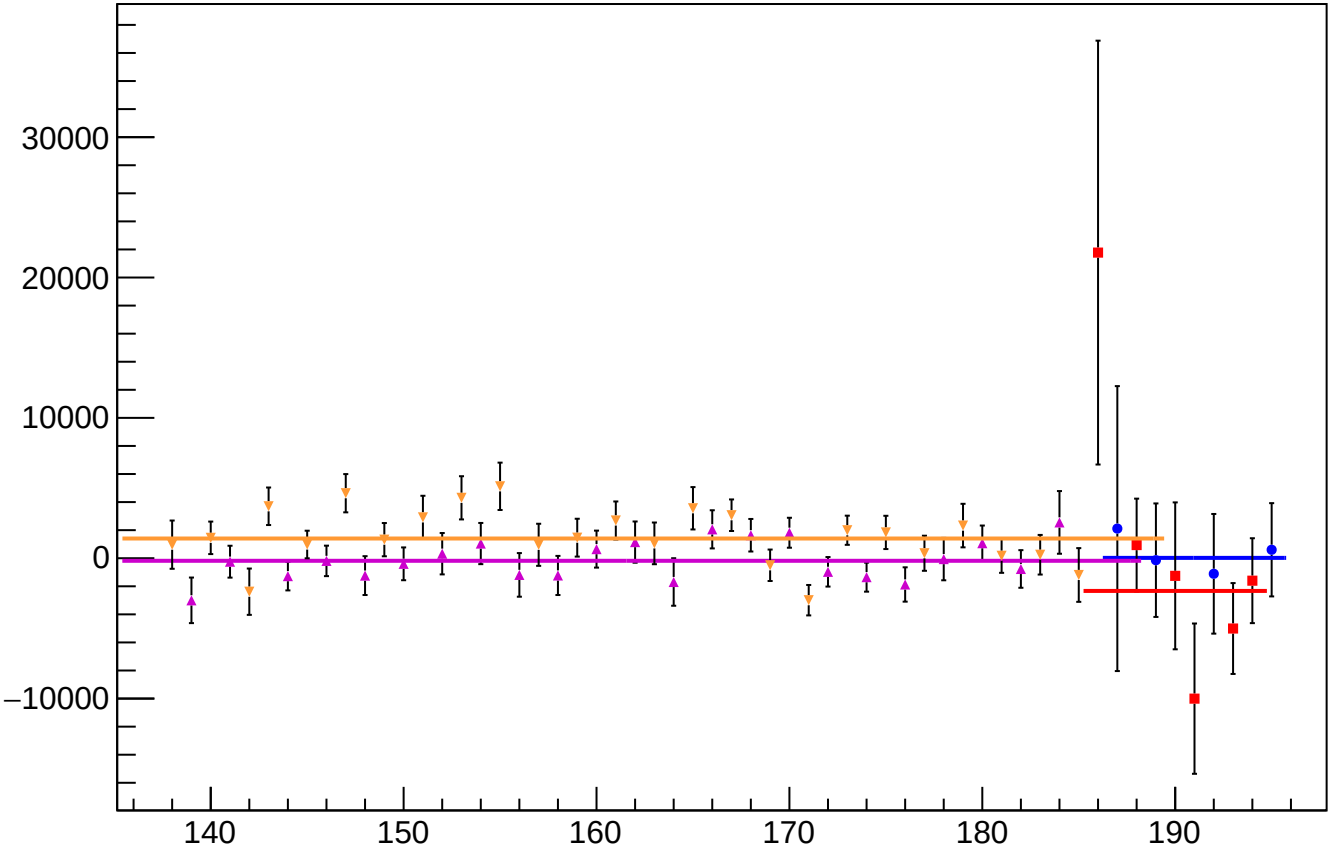
Right: 2941.813+/-0.923 χ^2/NDF: 394138.4/9

In: 1151.340+/-0.190 χ^2/NDF:2106838.9/26

Out: 1169.630+/-0.186 χ^2/NDF:3617362.7/30

All: 1160.688+/-0.133 χ^2/NDF: 5728947.4/57

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 24.733+/-2149.325 χ^2/NDF: 0.1/3

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -2330.342+/-1639.863 χ^2/NDF: 6.4/5

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

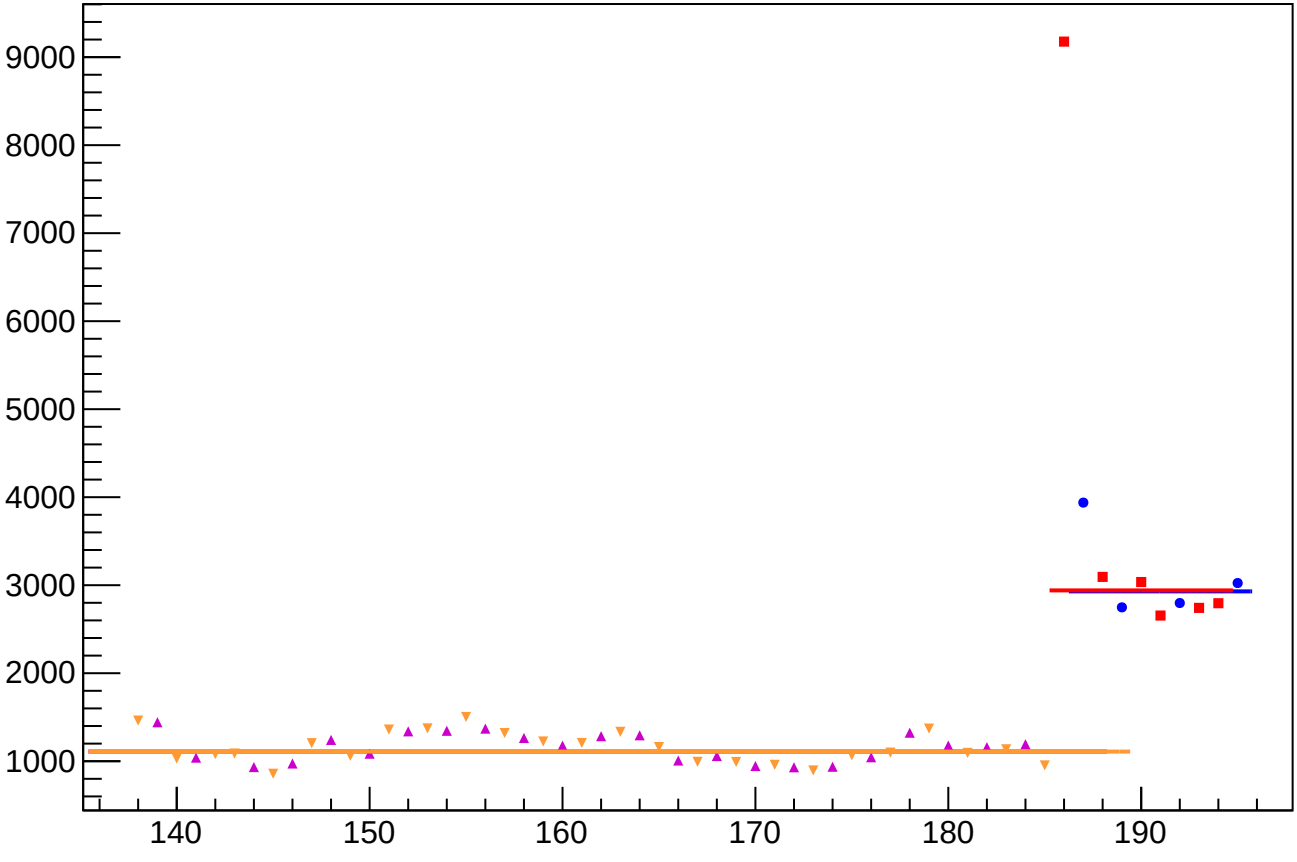
Right: -1463.826+/-1303.731 χ^2/NDF: 7.3/9

In: -180.074+/-265.569 χ^2/NDF:23.9/26

Out: 1311.435+/-259.217 χ^2/NDF:64.5/30

All: 583.733+/-185.499 χ^2/NDF: 104.6/57

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2929.838+/-1.520 χ^2/NDF: 27330.2/3

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 2940.951+/-1.160 χ^2/NDF: 363898.7/5

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

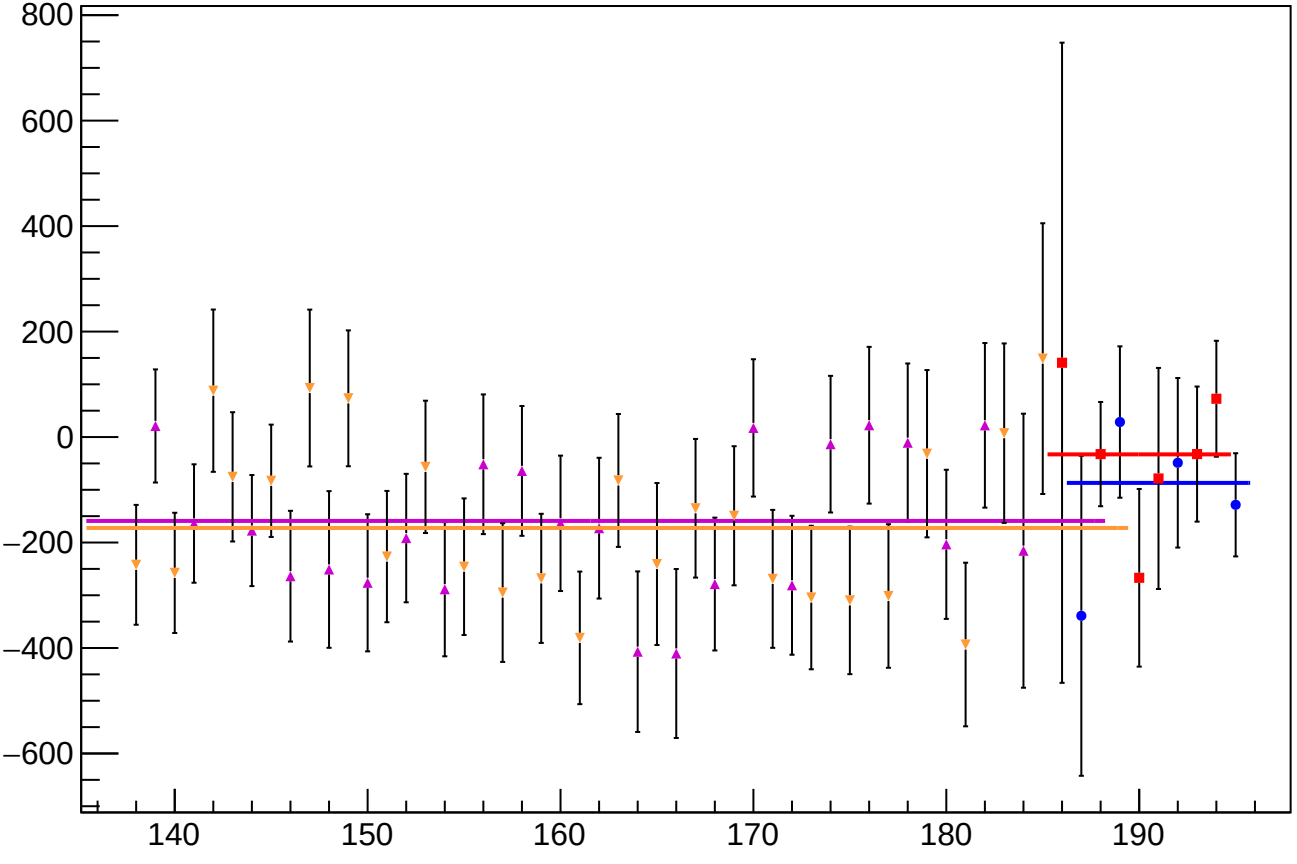
Right: 2936.862+/-0.922 χ^2/NDF: 391262.7/9

In: 1137.943+/-0.188 χ^2/NDF:2112227.8/26

Out: 1155.335+/-0.183 χ^2/NDF:3608951.2/30

All: 1146.849+/-0.131 χ^2/NDF: 5725571.5/57

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -86.929+/-70.252 χ^2/NDF: 1.6/3

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: -32.837+/-57.096 χ^2/NDF: 3.0/5

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

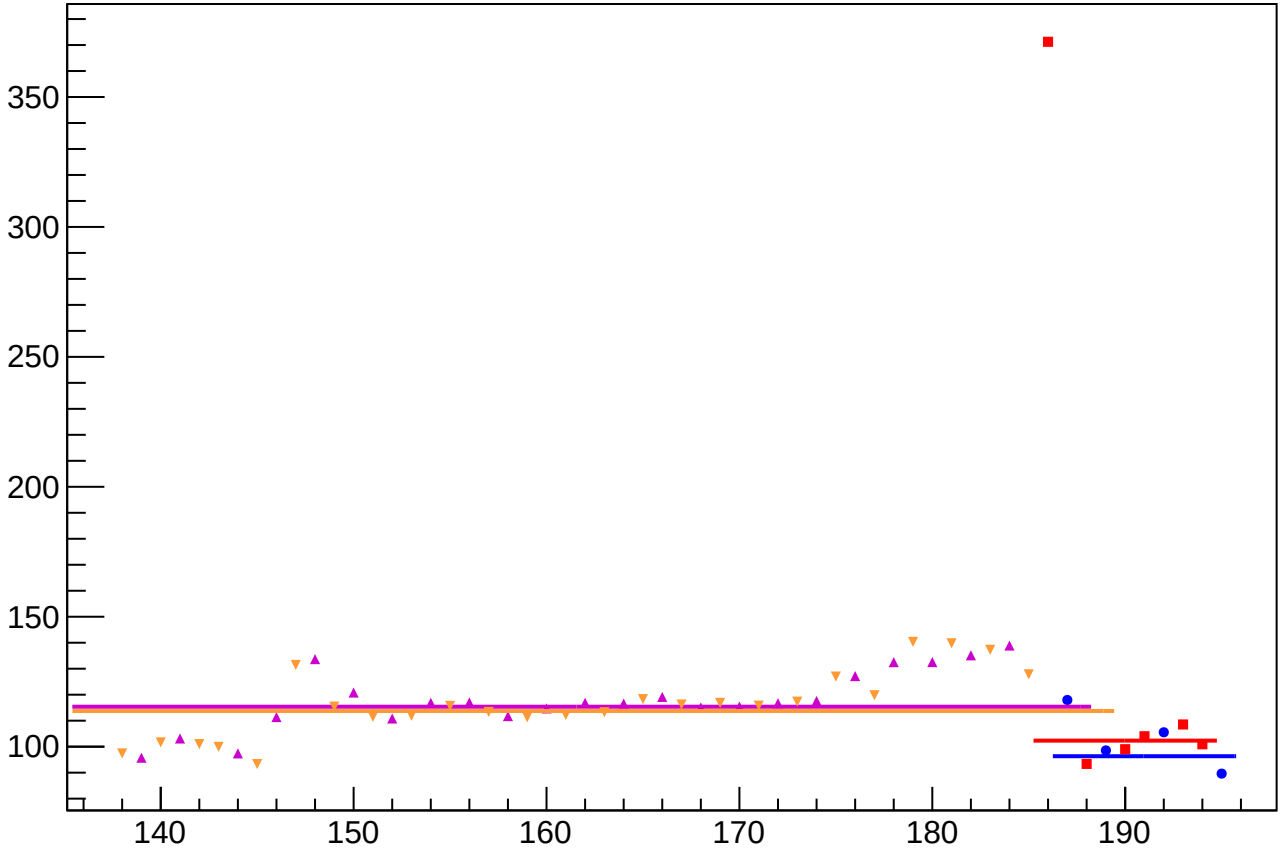
Right: -54.354+/-44.308 χ^2/NDF: 4.9/9

In: -149.396+/-25.695 χ^2/NDF:23.6/26

Out: -147.307+/-24.193 χ^2/NDF:35.1/30

All: -148.289+/-17.614 χ^2/NDF: 58.6/57

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.326+/-0.050 χ^2/NDF: 26592.3/3

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 102.323+/-0.040 χ^2/NDF: 415002.8/5

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

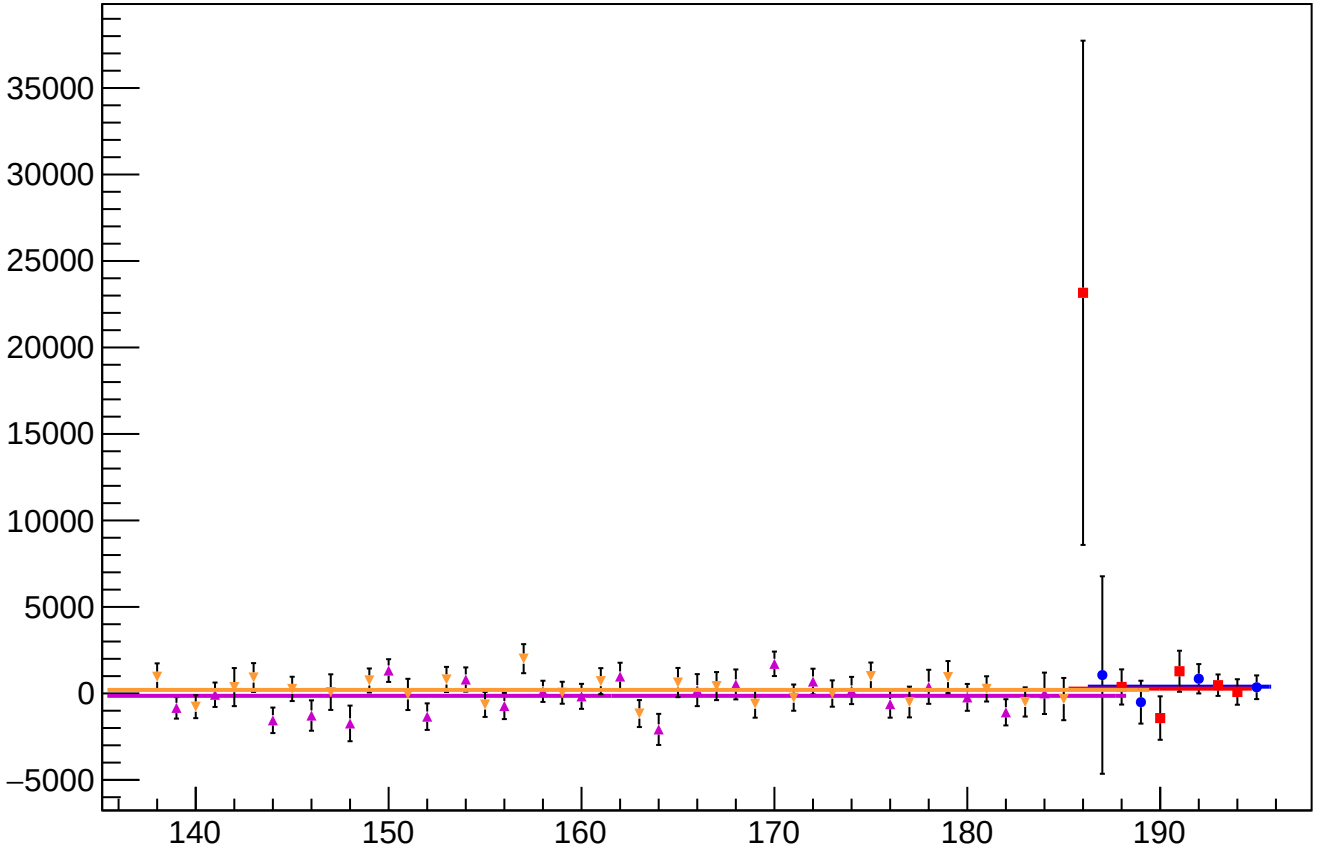
Right: 99.937+/-0.031 χ^2/NDF: 450372.6/9

In: 112.828+/-0.018 χ^2/NDF:463031.1/26

Out: 111.680+/-0.017 χ^2/NDF:872622.1/30

All: 112.219+/-0.012 χ^2/NDF: 1337770.9/57

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 390.058+/-487.982 χ^2/NDF: 0.8/3

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 276.885+/-384.685 χ^2/NDF: 5.2/5

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

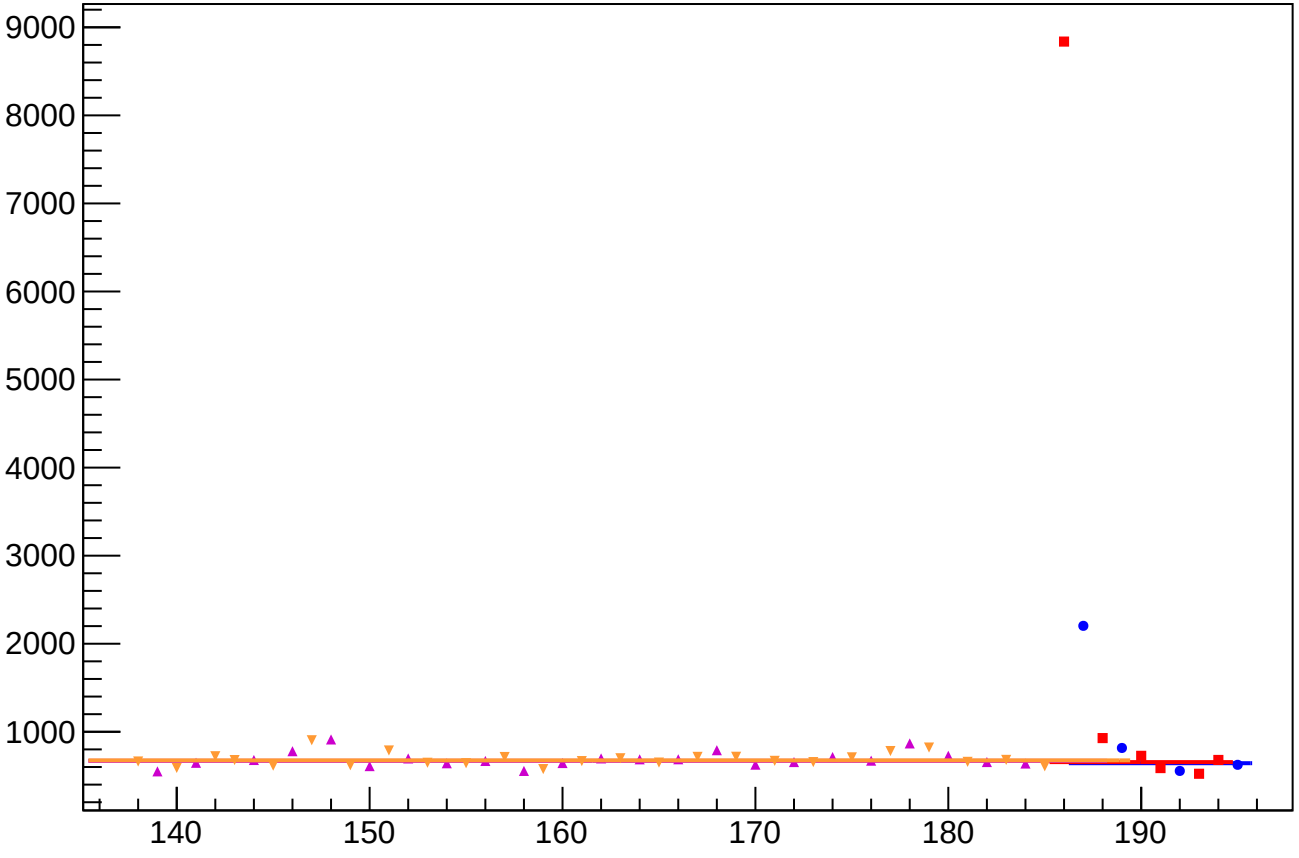
Right: 320.260+/-302.102 χ^2/NDF: 6.1/9

In: -87.986+/-152.914 χ^2/NDF:38.8/26

Out: 213.328+/-146.967 χ^2/NDF:25.0/30

All: 68.644+/-105.961 χ^2/NDF: 65.8/57

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 643.258+/-0.345 χ^2/NDF: 211104.6/3

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 655.725+/-0.272 χ^2/NDF: 880508.0/5

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

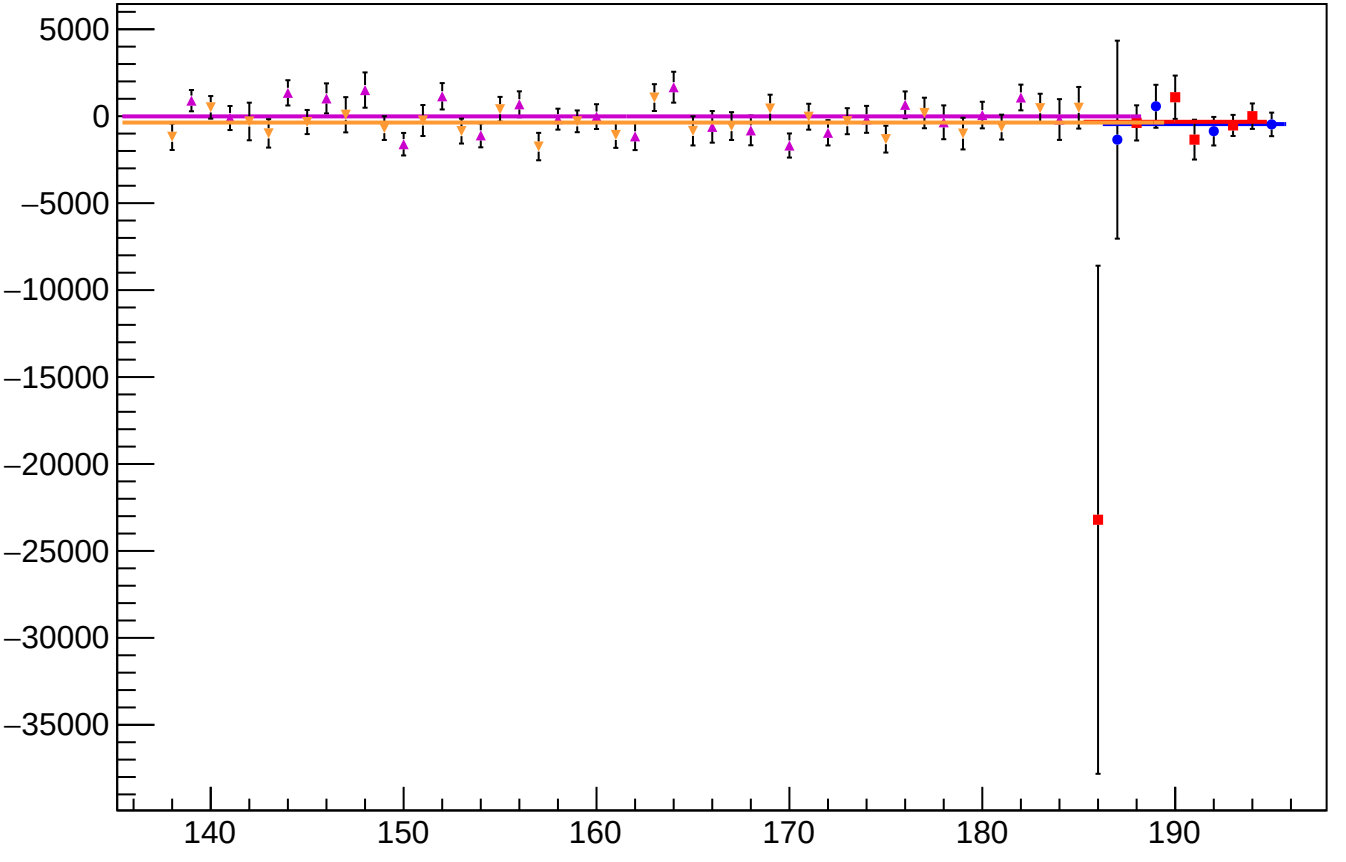
Right: 650.947+/-0.214 χ^2/NDF: 1092417.7/9

In: 667.318+/-0.108 χ^2/NDF:680581.5/26

Out: 672.472+/-0.104 χ^2/NDF:1243660.1/30

All: 669.997+/-0.075 χ^2/NDF: 1925422.9/57

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -454.546+/-479.423 χ^2/NDF: 1.0/3

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -323.219+/-378.532 χ^2/NDF: 4.9/5

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

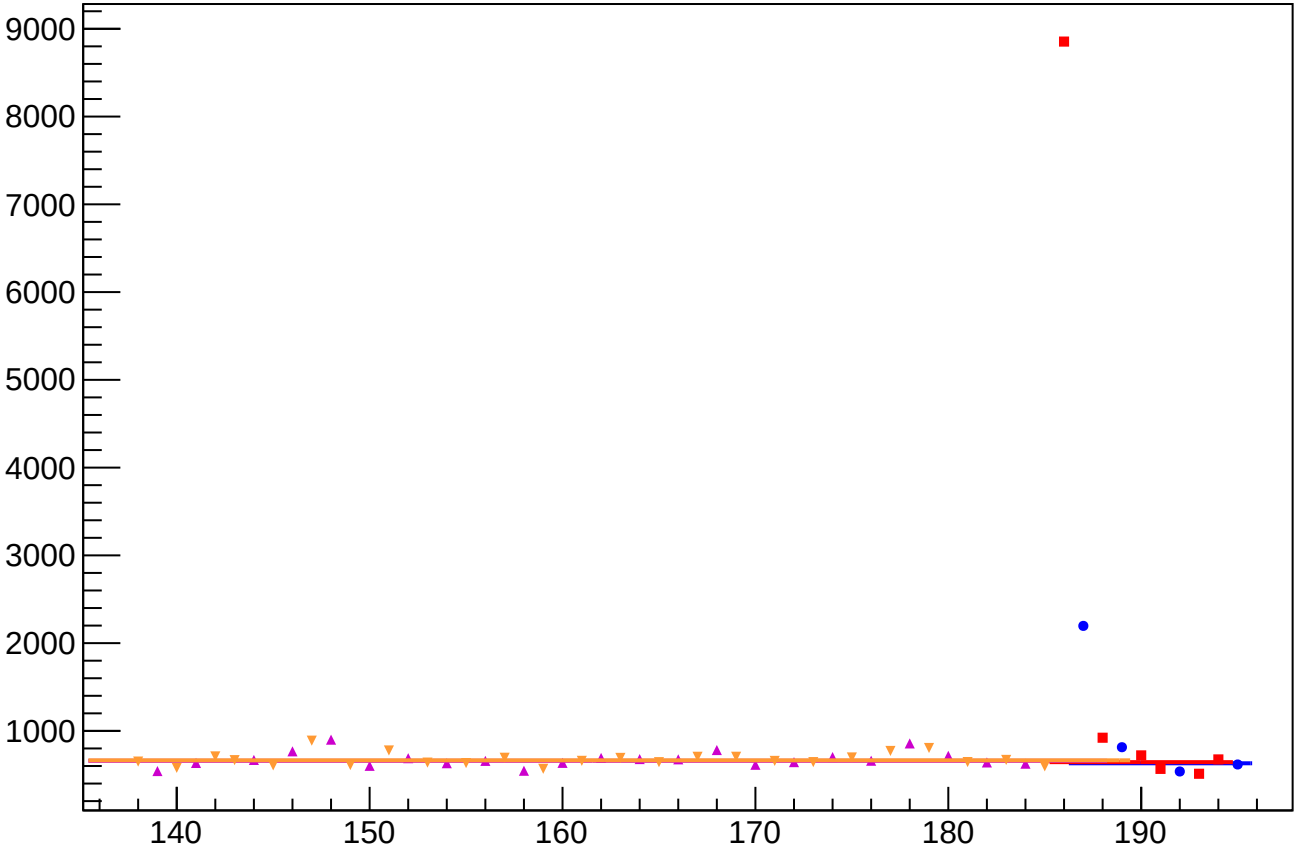
Right: -373.650+/-297.091 χ^2/NDF: 5.9/9

In: -54.921+/-150.486 χ^2/NDF:40.6/26

Out: -359.251+/-144.469 χ^2/NDF:23.6/30

All: -213.291+/-104.218 χ^2/NDF: 66.3/57

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 630.991+/-0.339 χ^2/NDF: 221940.5/3

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 644.027+/-0.268 χ^2/NDF: 898901.0/5

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

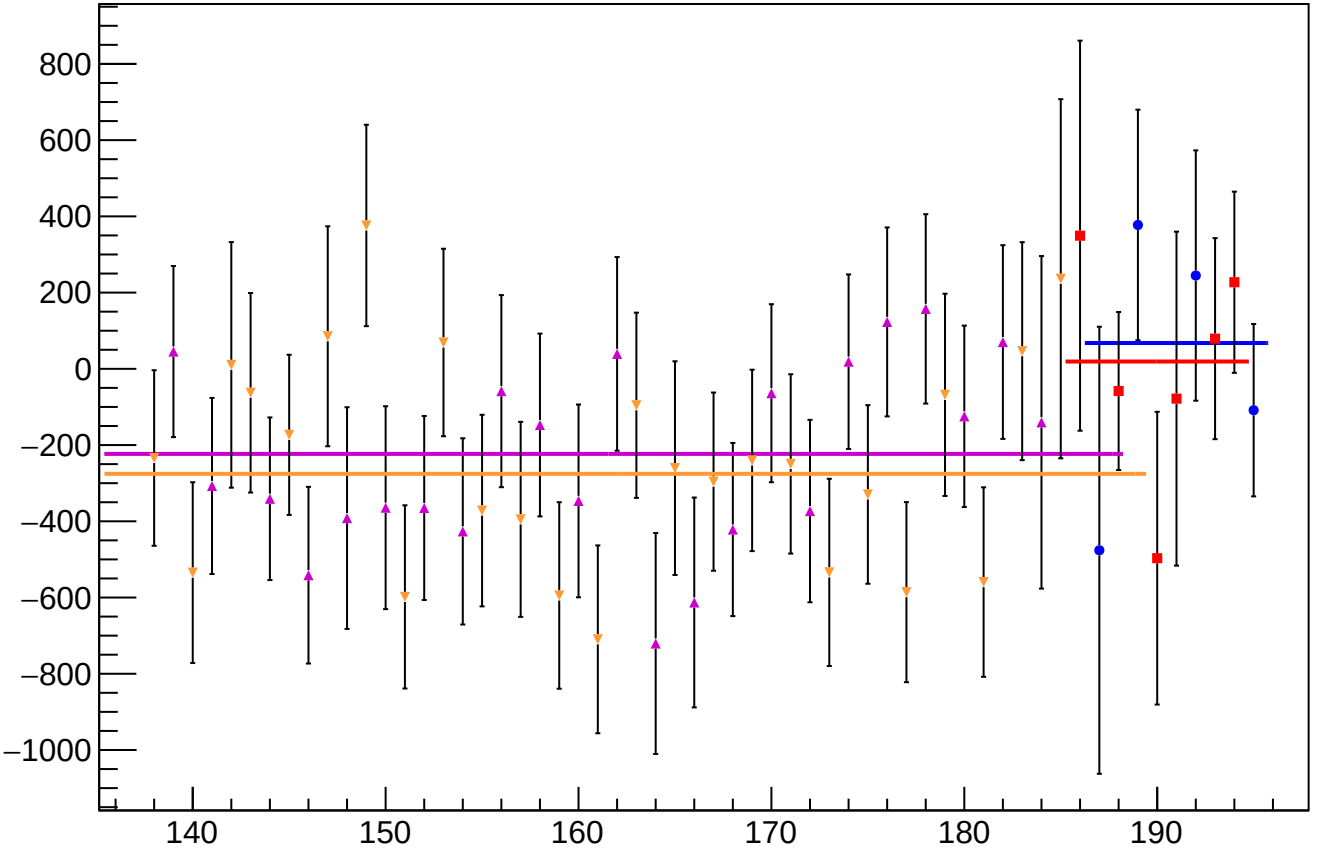
Right: 639.021+/-0.210 χ^2/NDF: 1121752.4/9

In: 656.448+/-0.106 χ^2/NDF:700940.8/26

Out: 661.619+/-0.102 χ^2/NDF:1260921.6/30

All: 659.139+/-0.074 χ^2/NDF: 1963091.4/57

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 67.706+/-153.082 χ^2/NDF: 2.8/3

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 19.190+/-118.531 χ^2/NDF: 3.2/5

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

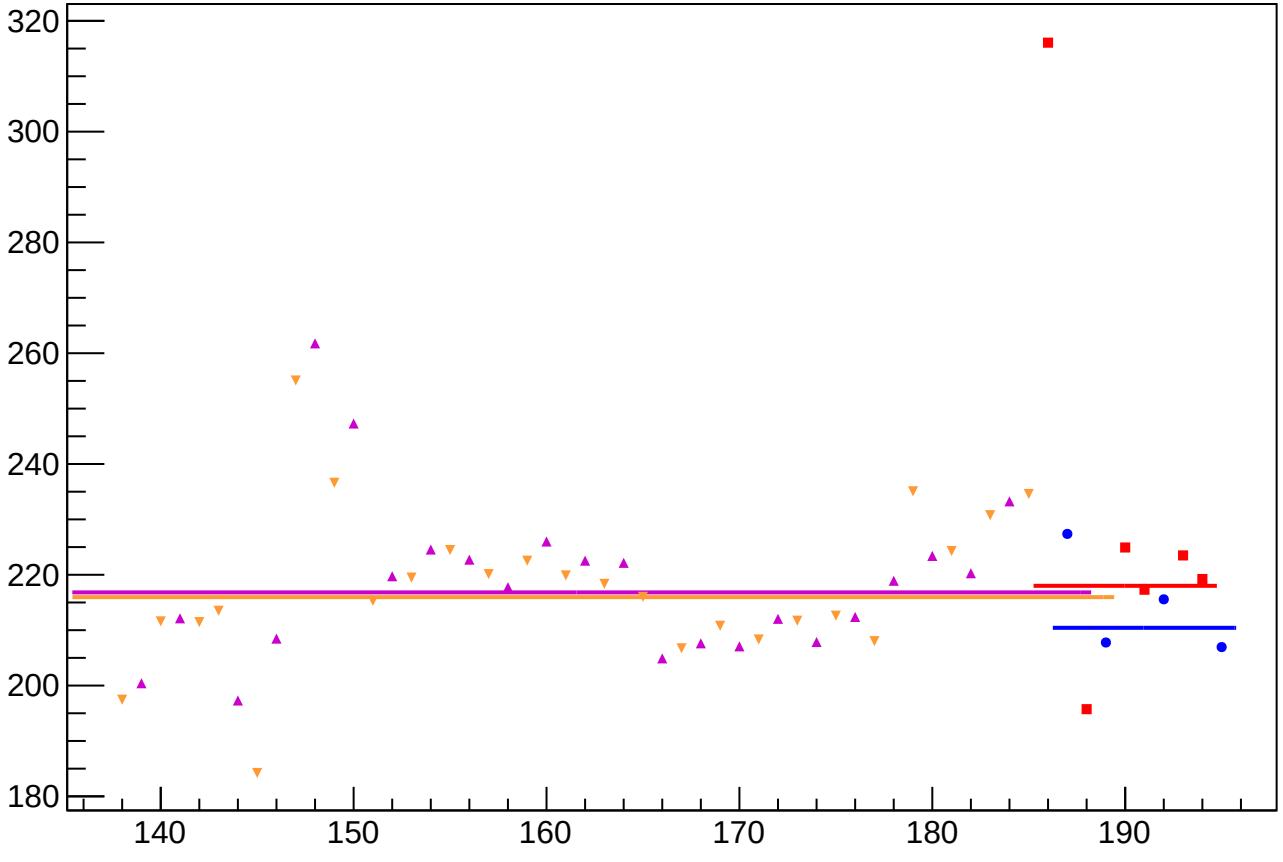
Right: 37.375+/-93.721 χ^2/NDF: 6.1/9

In: -193.369+/-49.017 χ^2/NDF:26.8/26

Out: -230.122+/-46.490 χ^2/NDF:35.8/30

All: -212.717+/-33.731 χ^2/NDF: 62.9/57

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 210.427+/-0.108 χ^2/NDF: 2789.9/3

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 218.008+/-0.084 χ^2/NDF: 98109.4/5

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

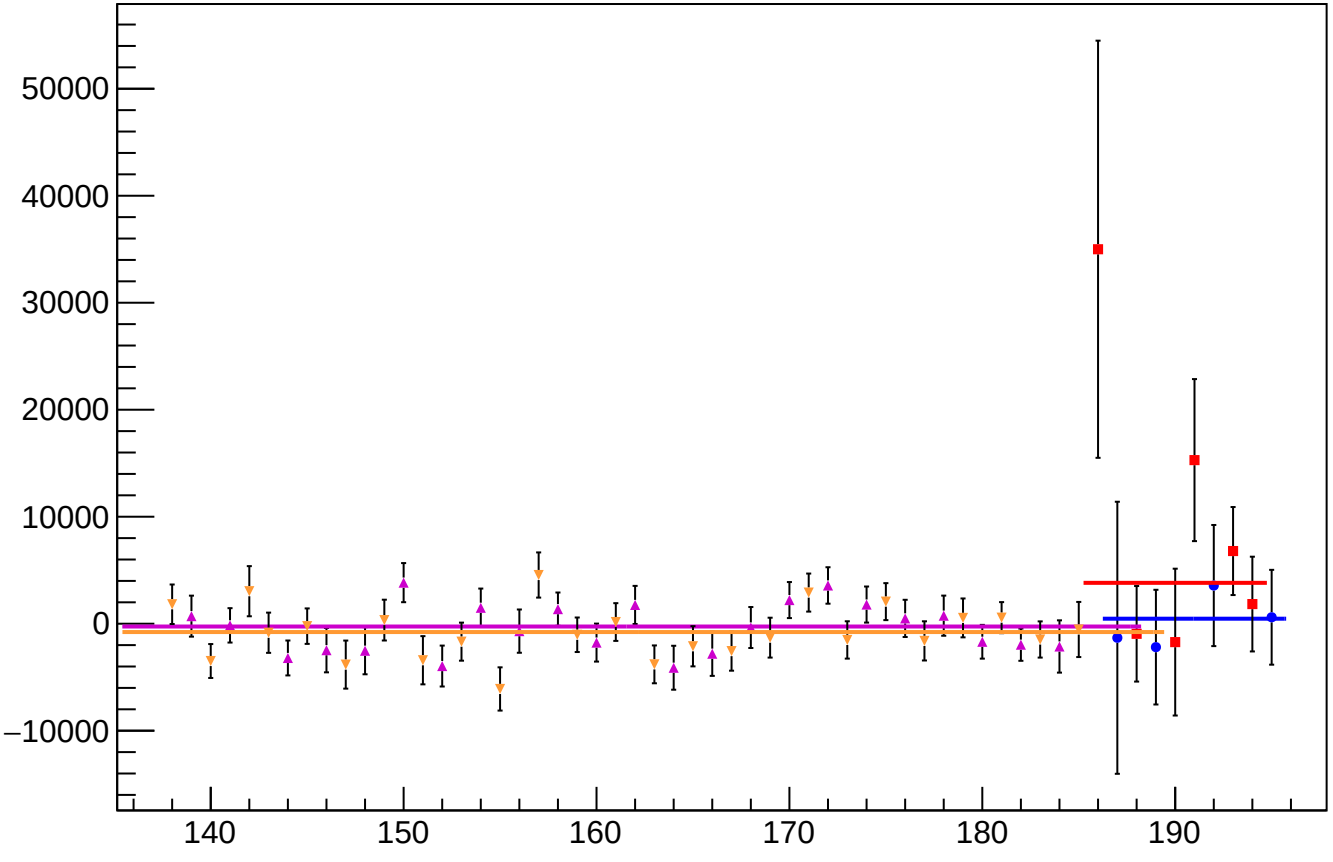
Right: 215.167+/-0.066 χ^2/NDF: 103965.3/9

In: 216.166+/-0.035 χ^2/NDF:138439.9/26

Out: 216.278+/-0.033 χ^2/NDF:243348.1/30

All: 216.225+/-0.024 χ^2/NDF: 381793.5/57

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 468.362+/-2849.944 χ^2/NDF: 0.6/3

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 3819.816+/-2227.331 χ^2/NDF: 7.4/5

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

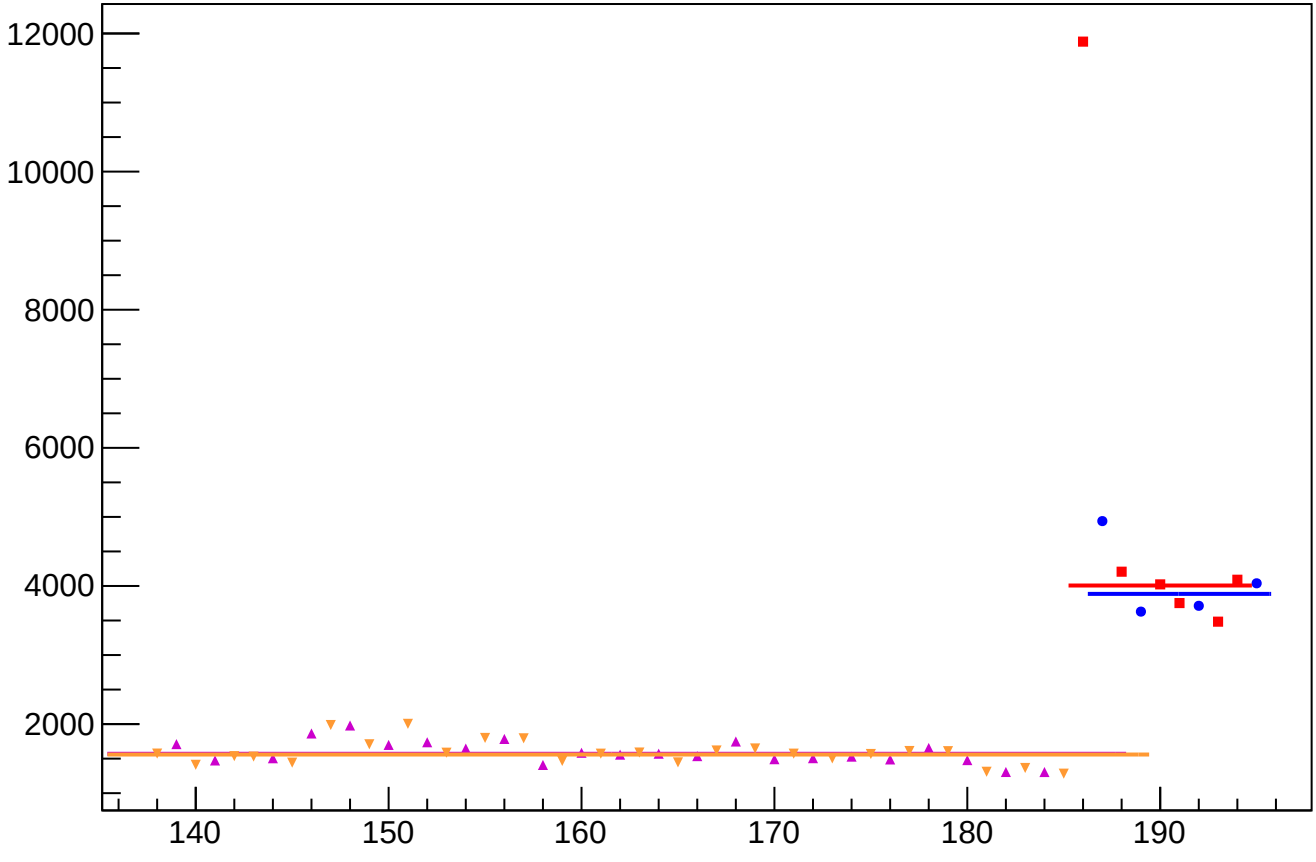
Right: 2548.980+/-1754.948 χ^2/NDF: 8.8/9

In: -249.309+/-372.967 χ^2/NDF:36.1/26

Out: -657.609+/-362.083 χ^2/NDF:50.0/30

All: -459.503+/-259.794 χ^2/NDF: 86.7/57

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3885.481+/-2.015 χ^2/NDF: 22584.8/3

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 4006.776+/-1.575 χ^2/NDF: 365794.0/5

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

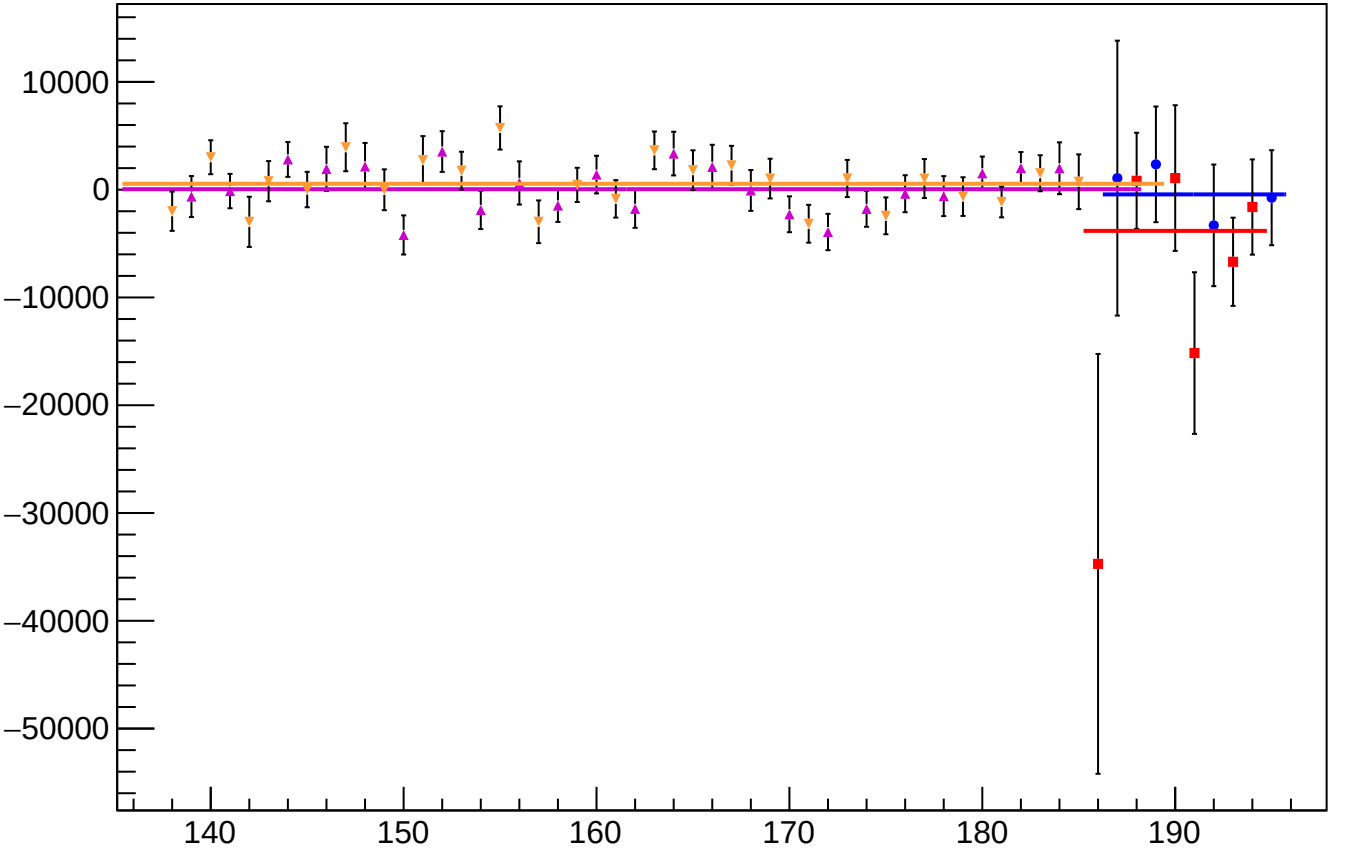
Right: 3960.782+/-1.241 χ^2/NDF: 390627.9/9

In: 1609.981+/-0.264 χ^2/NDF:1649238.3/26

Out: 1624.178+/-0.256 χ^2/NDF:3095632.2/30

All: 1617.290+/-0.184 χ^2/NDF: 4746362.5/57

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -436.981+/-2842.680 χ^2/NDF: 0.5/3

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -3821.022+/-2216.192 χ^2/NDF: 7.2/5

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

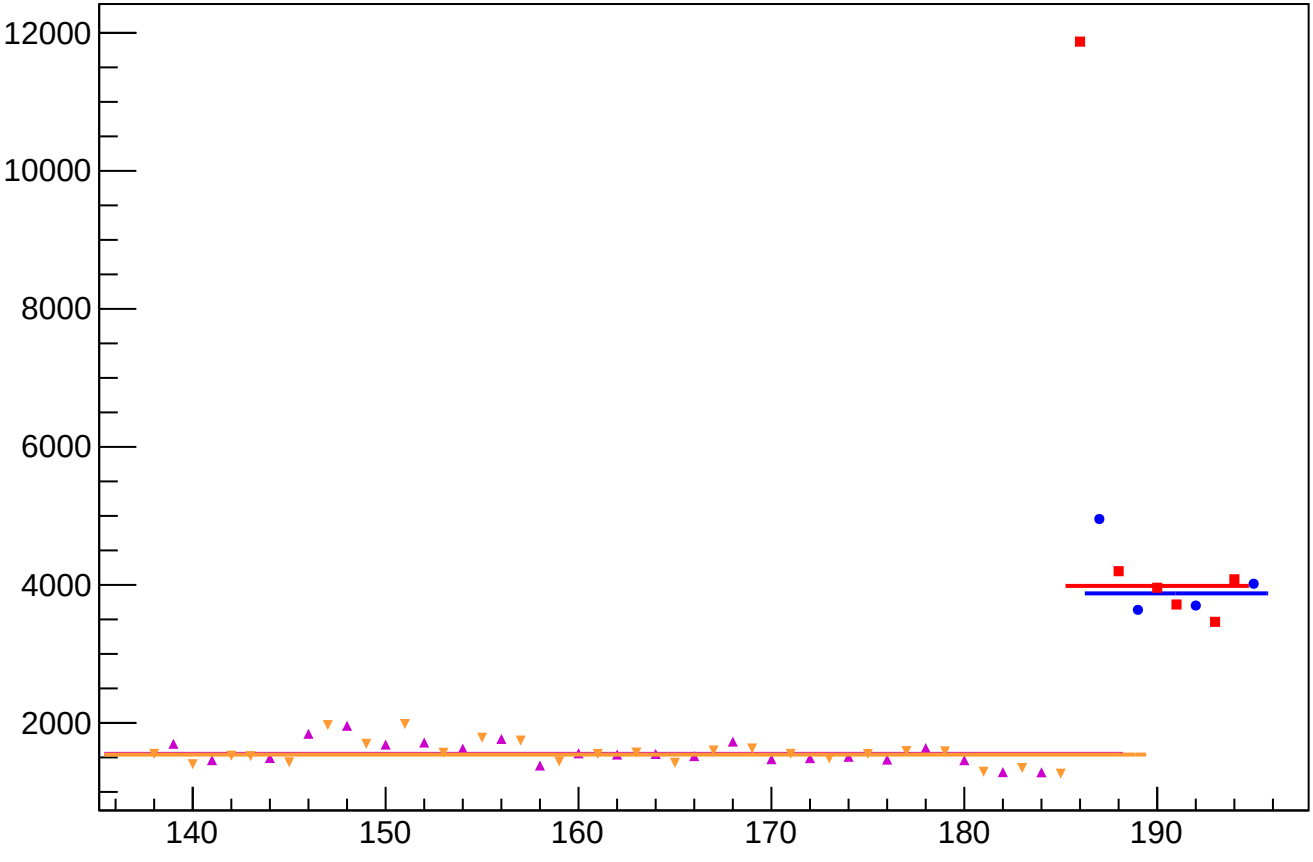
Right: -2541.750+/-1747.800 χ^2/NDF: 8.6/9

In: 35.862+/-368.626 χ^2/NDF:34.1/26

Out: 436.393+/-357.431 χ^2/NDF:46.5/30

All: 242.302+/-256.608 χ^2/NDF: 81.2/57

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3877.226+/-2.010 χ^2/NDF: 22183.5/3

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 3985.428+/-1.567 χ^2/NDF: 368465.0/5

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

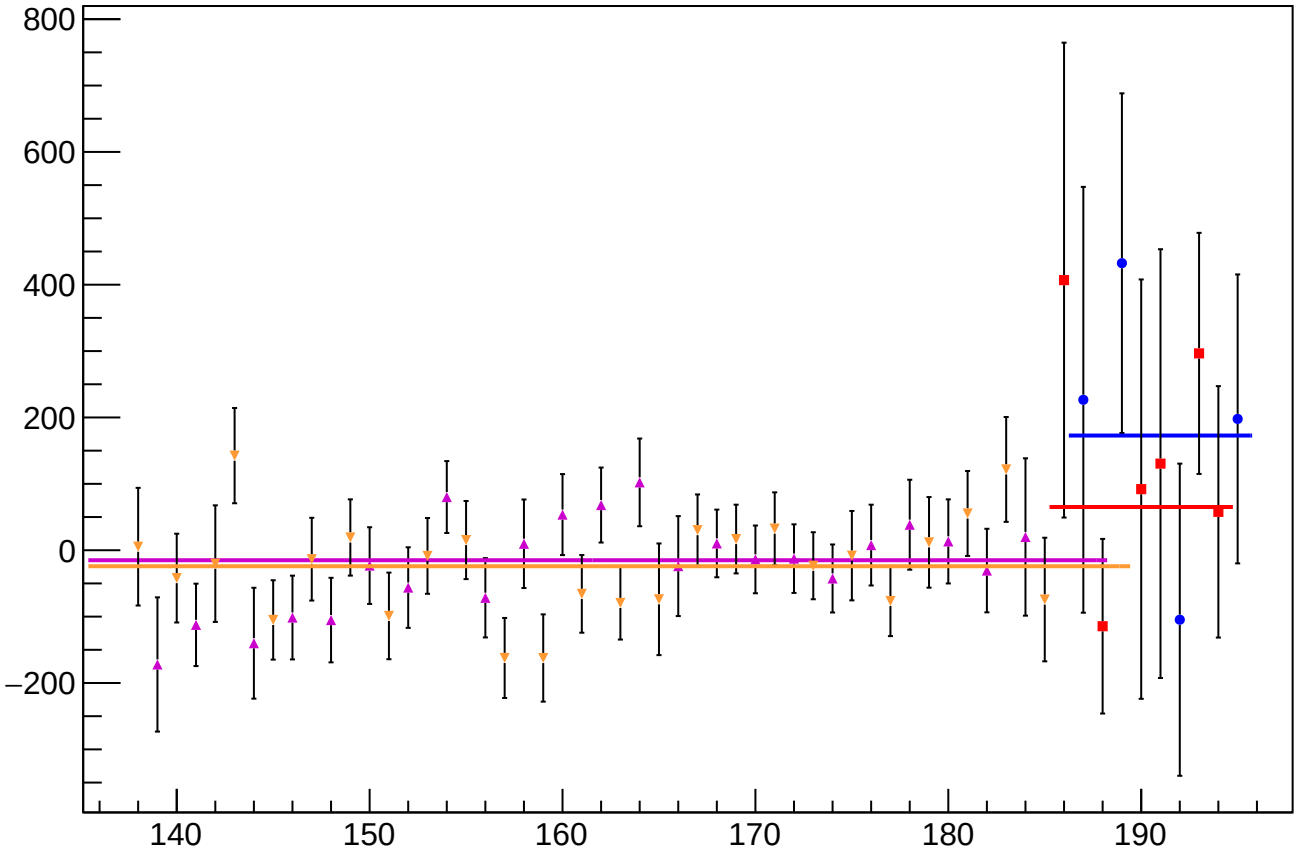
Right: 3944.525+/-1.236 χ^2/NDF: 392450.7/9

In: 1590.590+/-0.261 χ^2/NDF:1677420.9/26

Out: 1604.728+/-0.253 χ^2/NDF:3120119.0/30

All: 1597.877+/-0.181 χ^2/NDF: 4799056.3/57

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 172.769+/-124.809 χ^2/NDF: 2.5/3

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 65.124+/-83.497 χ^2/NDF: 4.5/5

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

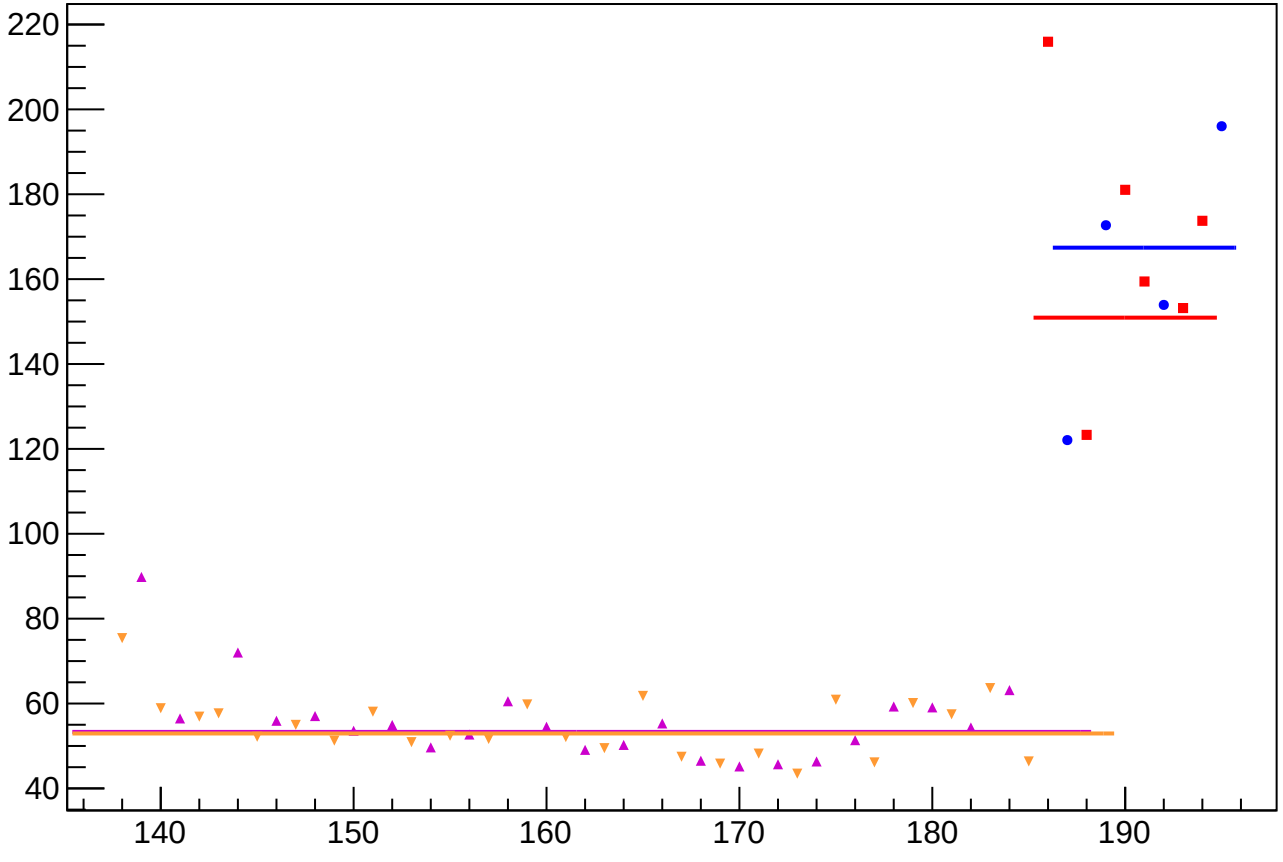
Right: 98.406+/-69.399 χ^2/NDF: 7.4/9

In: -13.066+/-12.852 χ^2/NDF:28.5/26

Out: -22.162+/-12.386 χ^2/NDF:36.2/30

All: -17.782+/-8.919 χ^2/NDF: 65.0/57

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 167.416+/-0.088 χ^2/NDF: 81974.2/3

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 150.925+/-0.059 χ^2/NDF: 203199.7/5

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

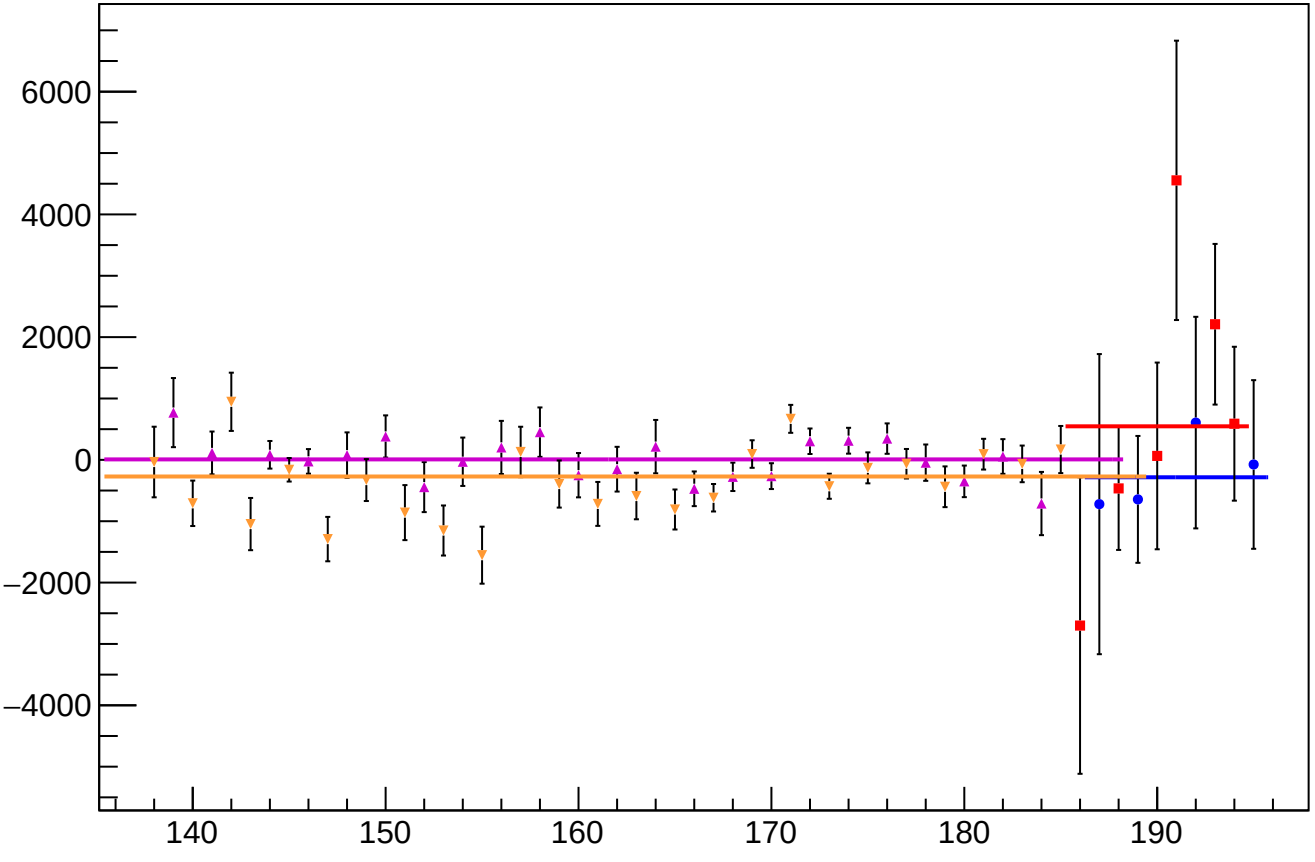
Right: 156.024+/-0.049 χ^2/NDF: 309296.2/9

In: 54.522+/-0.009 χ^2/NDF:2380095.4/26

Out: 55.098+/-0.009 χ^2/NDF:3409855.5/30

All: 54.821+/-0.006 χ^2/NDF: 5792035.0/57

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -283.880+/-712.719 χ^2/NDF: 0.4/3

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 546.585+/-576.367 χ^2/NDF: 7.6/5

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

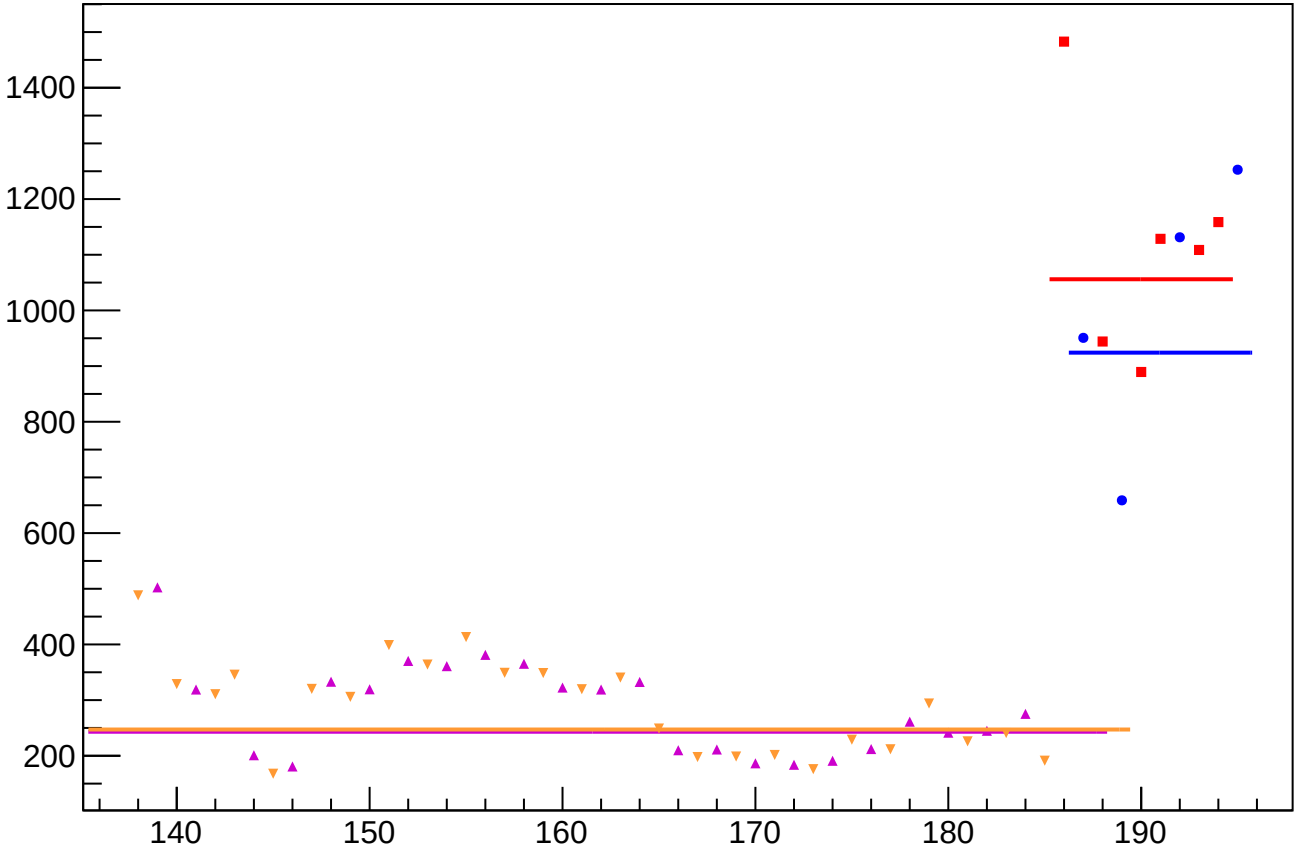
Right: 218.223+/-448.161 χ^2/NDF: 8.9/9

In: 5.461+/-60.113 χ^2/NDF:23.5/26

Out: -262.390+/-59.958 χ^2/NDF:77.3/30

All: -128.811+/-42.451 χ^2/NDF: 110.7/57

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 924.140+/-0.504 χ^2/NDF: 275159.0/3

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1055.976+/-0.408 χ^2/NDF: 129962.6/5

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

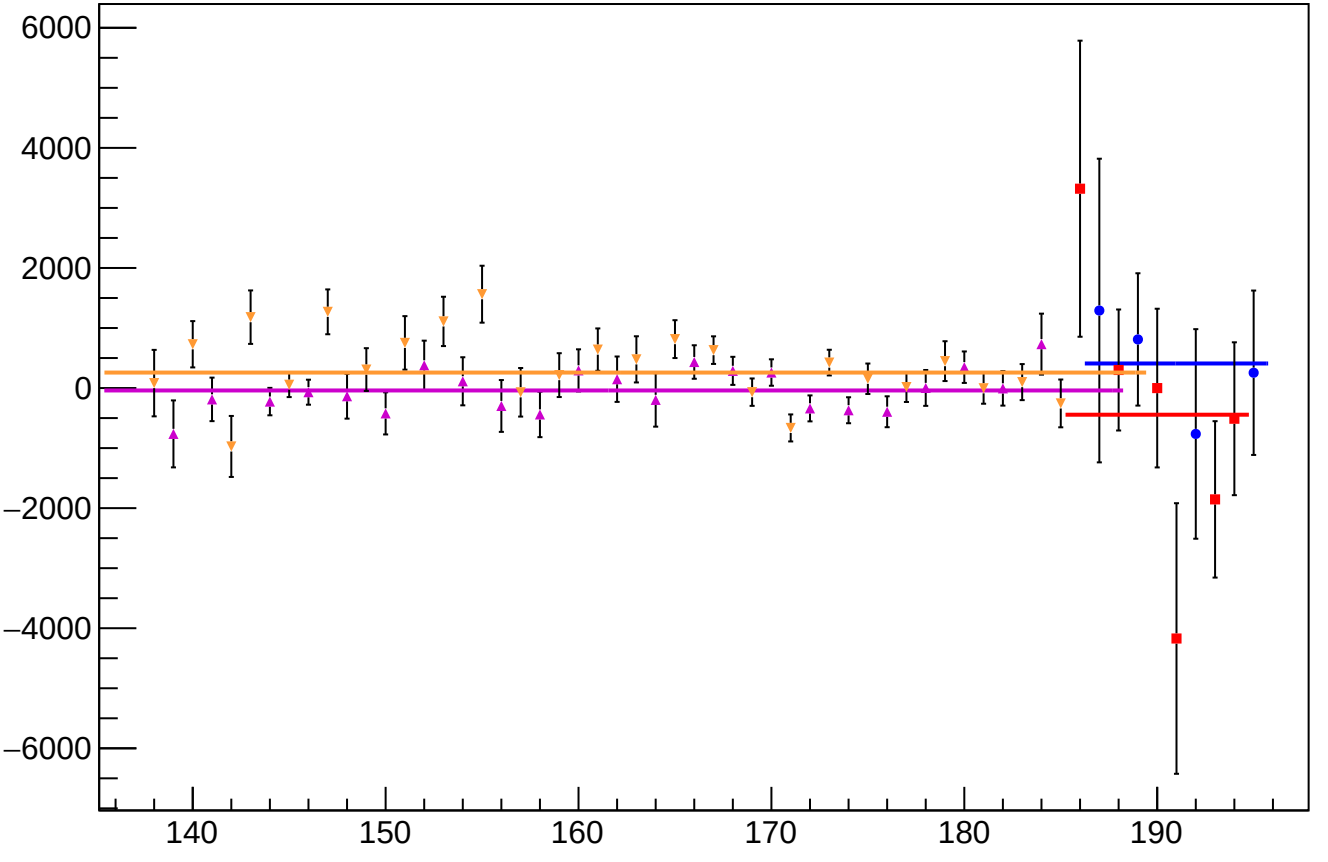
Right: 1003.848+/-0.317 χ^2/NDF: 446495.8/9

In: 248.033+/-0.043 χ^2/NDF:4659044.7/26

Out: 255.918+/-0.042 χ^2/NDF:6879093.1/30

All: 251.986+/-0.030 χ^2/NDF: 11555389.8/57

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 409.346+/-736.864 χ^2/NDF: 0.7/3

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -443.989+/-565.645 χ^2/NDF: 6.9/5

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

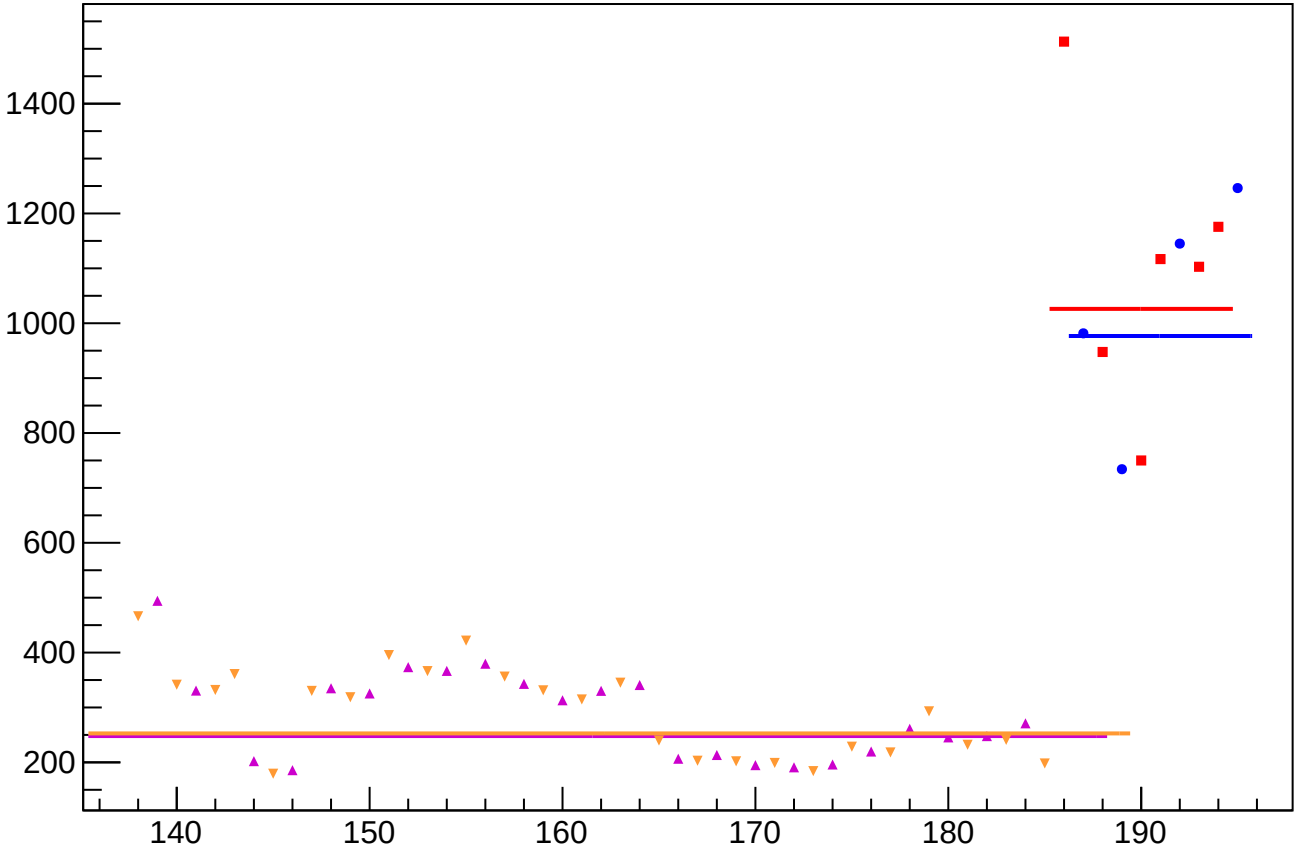
Right: -127.590+/-448.689 χ^2/NDF: 8.5/9

In: -36.907+/-61.282 χ^2/NDF:26.1/26

Out: 249.845+/-61.127 χ^2/NDF:73.4/30

All: 106.831+/-43.278 χ^2/NDF: 110.5/57

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 976.757+/-0.521 χ^2/NDF: 193096.5/3

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 1026.160+/-0.400 χ^2/NDF: 215248.8/5

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

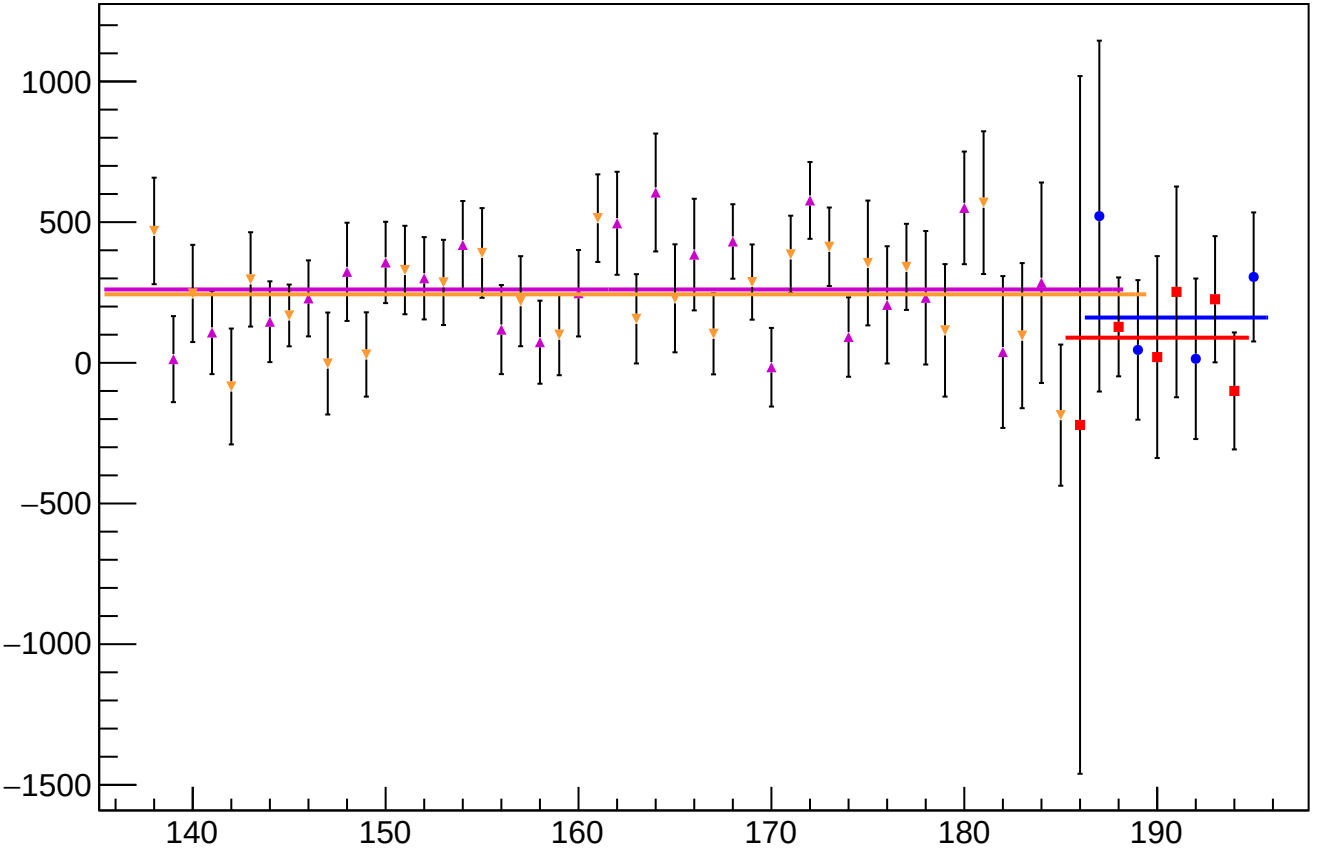
Right: 1007.842+/-0.317 χ^2/NDF: 414002.1/9

In: 252.960+/-0.043 χ^2/NDF:4510931.8/26

Out: 261.753+/-0.043 χ^2/NDF:6559716.6/30

All: 257.368+/-0.031 χ^2/NDF: 11091290.9/57

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 160.960+/-141.228 χ^2/NDF: 1.2/3

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: 89.421+/-104.864 χ^2/NDF: 1.5/5

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

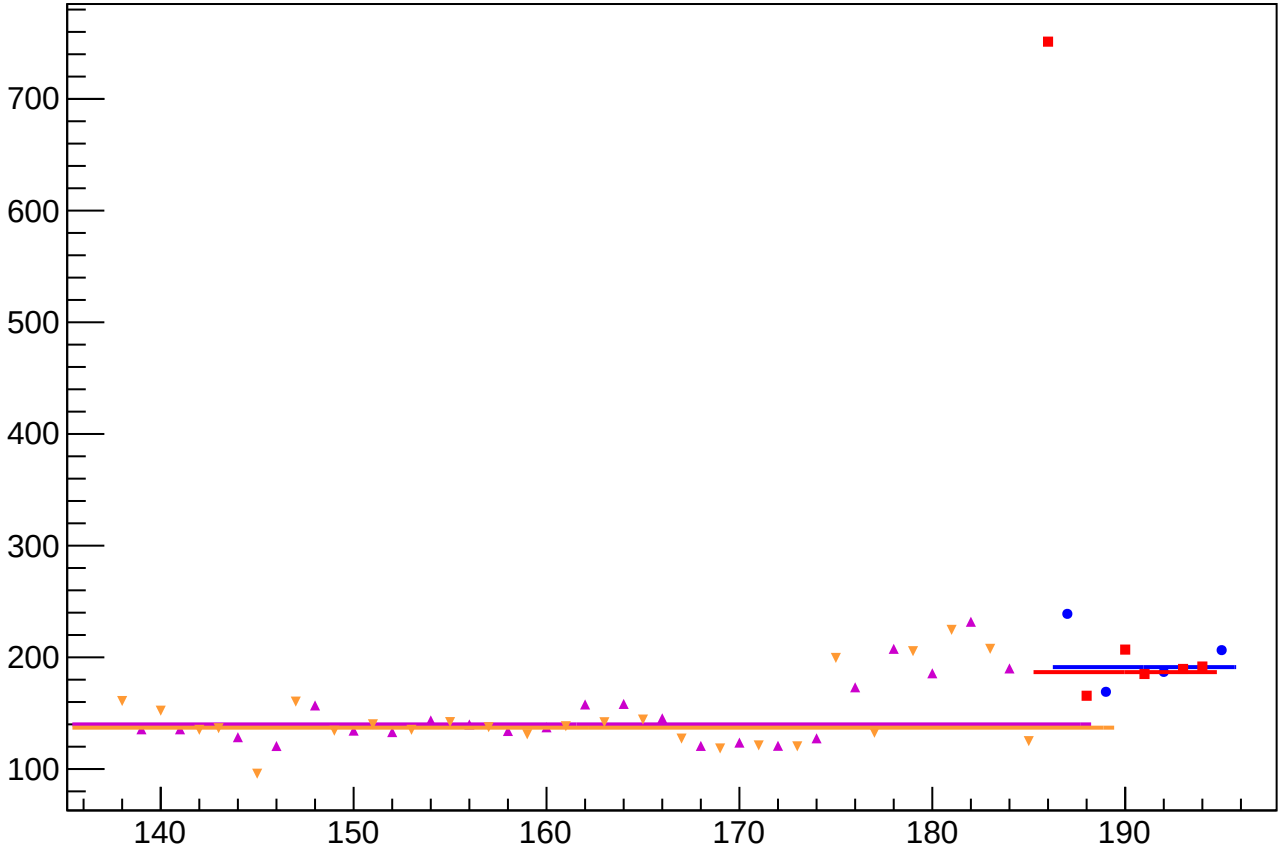
Right: 114.845+/-84.193 χ^2/NDF: 2.9/9

In: 255.286+/-33.045 χ^2/NDF:30.2/26

Out: 229.763+/-31.251 χ^2/NDF:26.9/30

All: 241.813+/-22.705 χ^2/NDF: 57.4/57

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 191.247+/-0.100 χ^2/NDF: 36838.7/3

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 186.763+/-0.074 χ^2/NDF: 451357.9/5

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

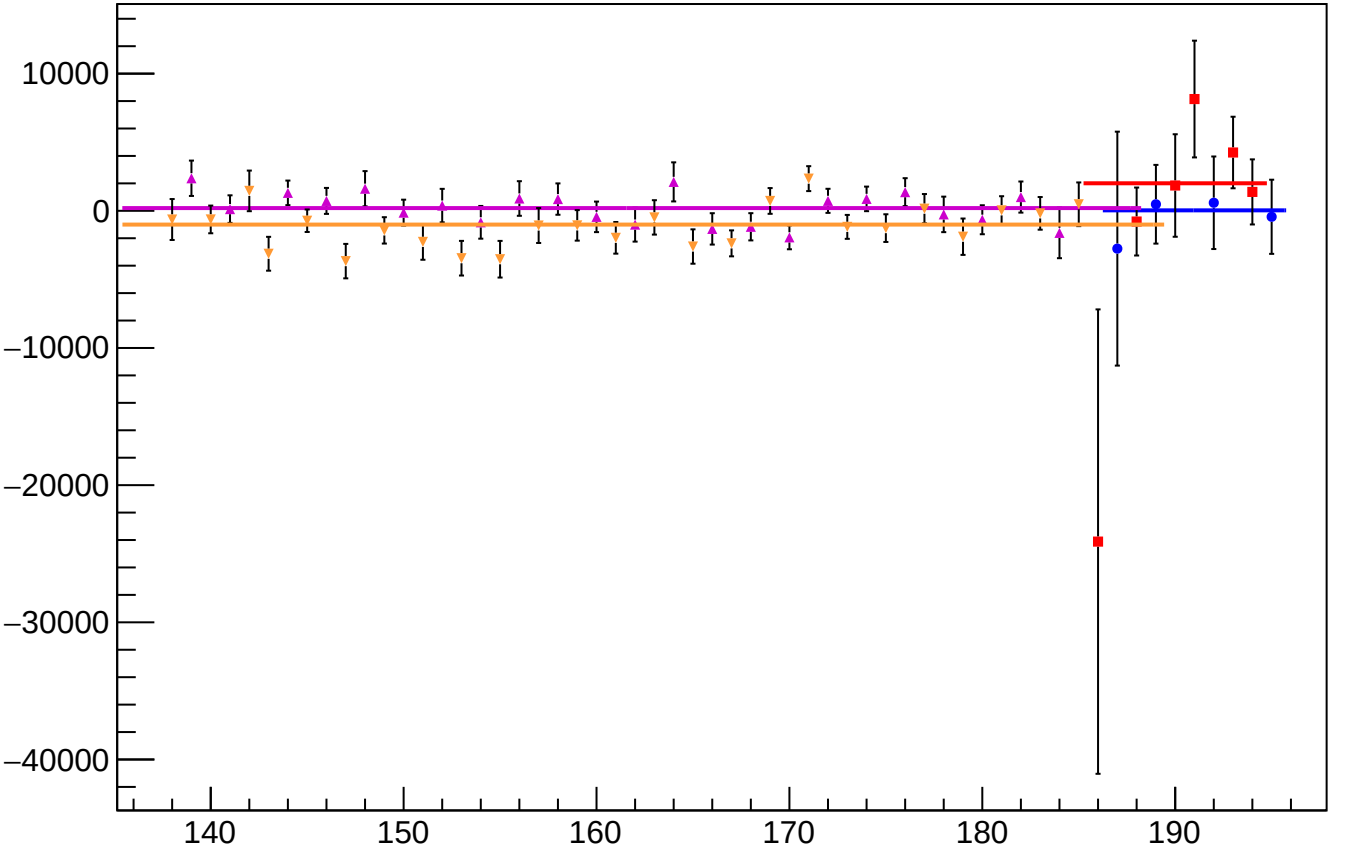
Right: 188.356+/-0.060 χ^2/NDF: 489496.2/9

In: 142.773+/-0.023 χ^2/NDF:1124226.4/26

Out: 141.452+/-0.022 χ^2/NDF:2061539.2/30

All: 142.076+/-0.016 χ^2/NDF: 3187453.9/57

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 33.261+/-1666.826 χ^2/NDF: 0.2/3

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 2006.484+/-1272.088 χ^2/NDF: 6.5/5

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

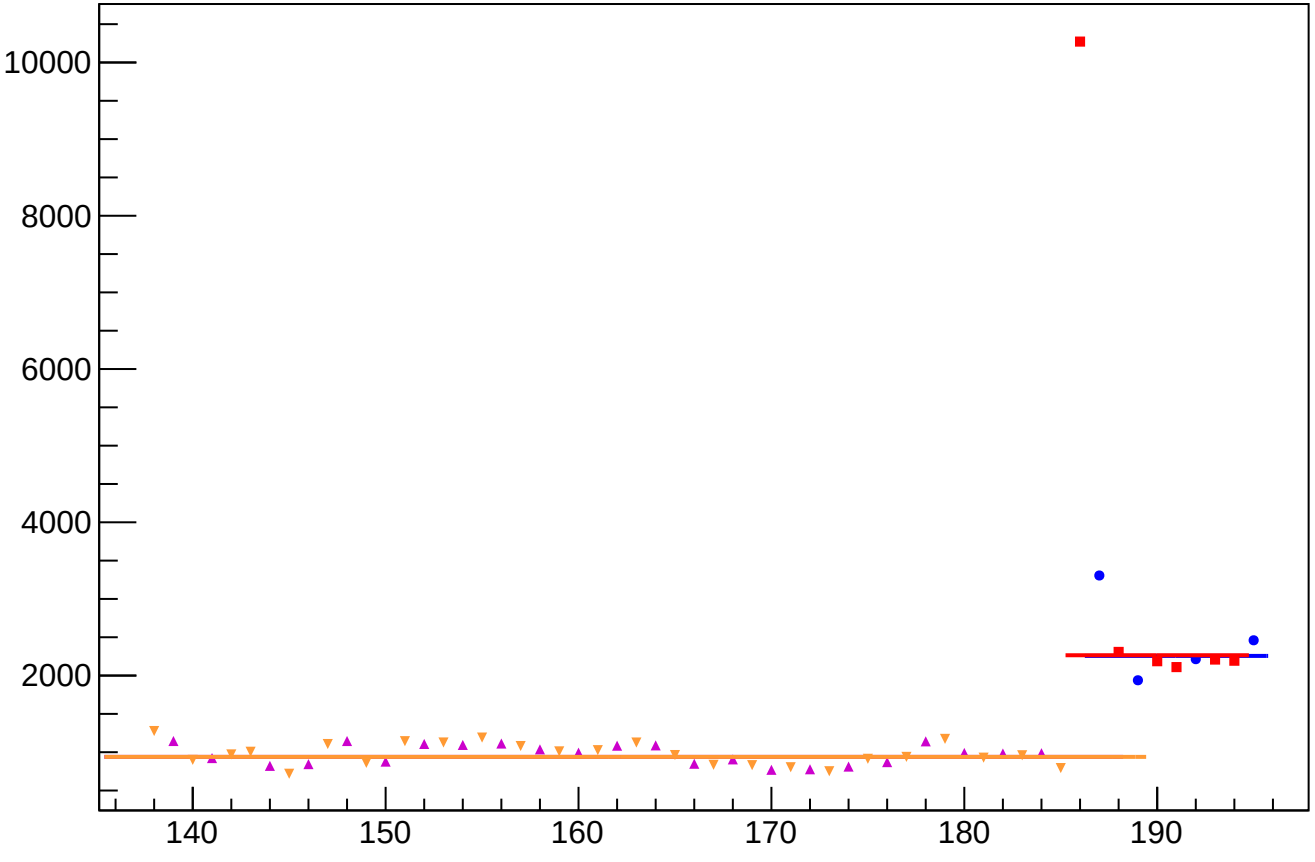
Right: 1280.208+/-1011.237 χ^2/NDF: 7.6/9

In: 195.669+/-223.948 χ^2/NDF:24.8/26

Out: -915.075+/-219.065 χ^2/NDF:56.6/30

All: -371.946+/-156.600 χ^2/NDF: 94.1/57

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2256.557+/-1.179 χ^2/NDF: 66518.3/3

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2265.090+/-0.900 χ^2/NDF: 454394.9/5

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

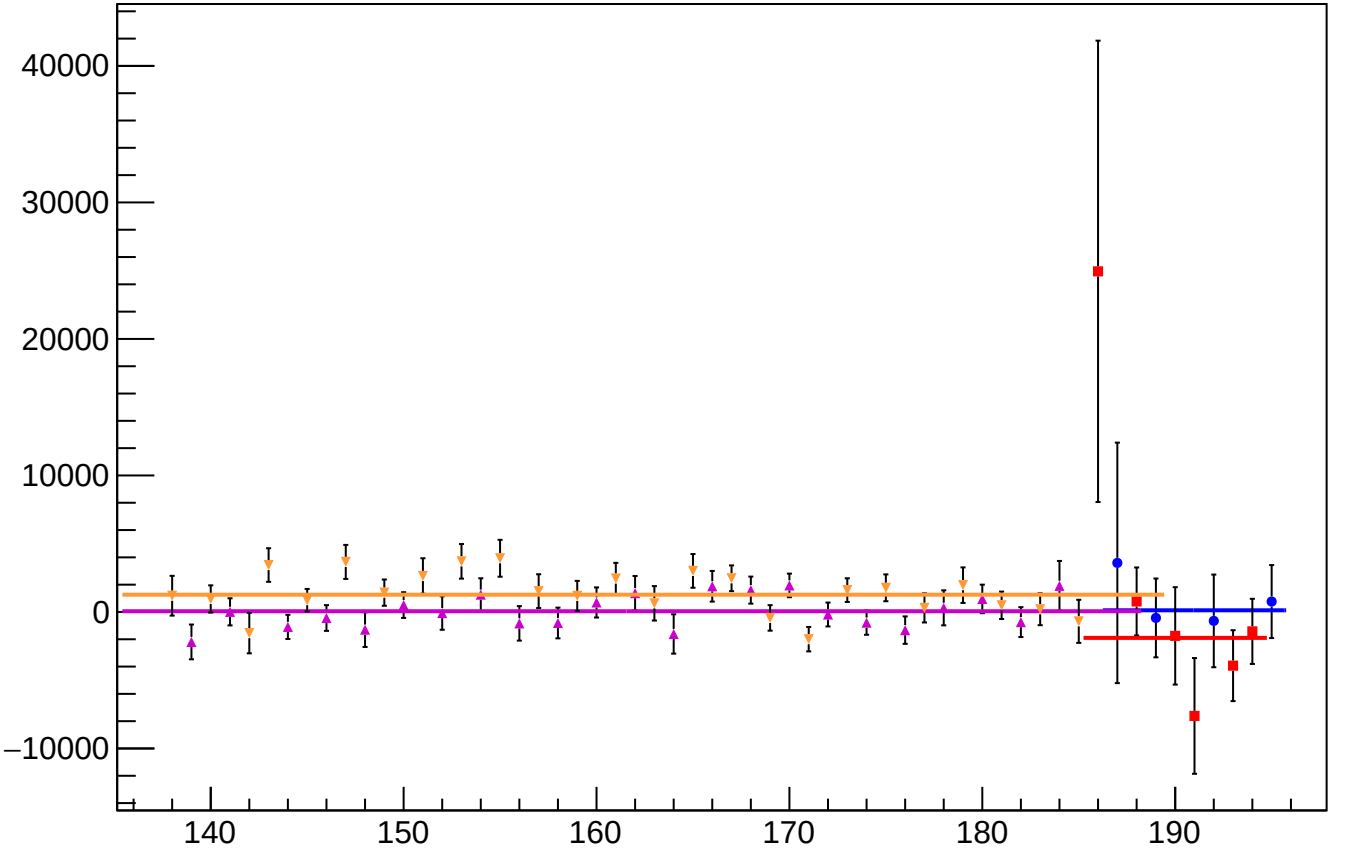
Right: 2261.949+/-0.715 χ^2/NDF: 520946.3/9

In: 962.543+/-0.158 χ^2/NDF:1905485.4/26

Out: 978.315+/-0.155 χ^2/NDF:3391785.3/30

All: 970.603+/-0.111 χ^2/NDF: 5302339.8/57

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 121.714+/-1667.819 χ^2/NDF: 0.3/3

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -1899.057+/-1266.950 χ^2/NDF: 6.1/5

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

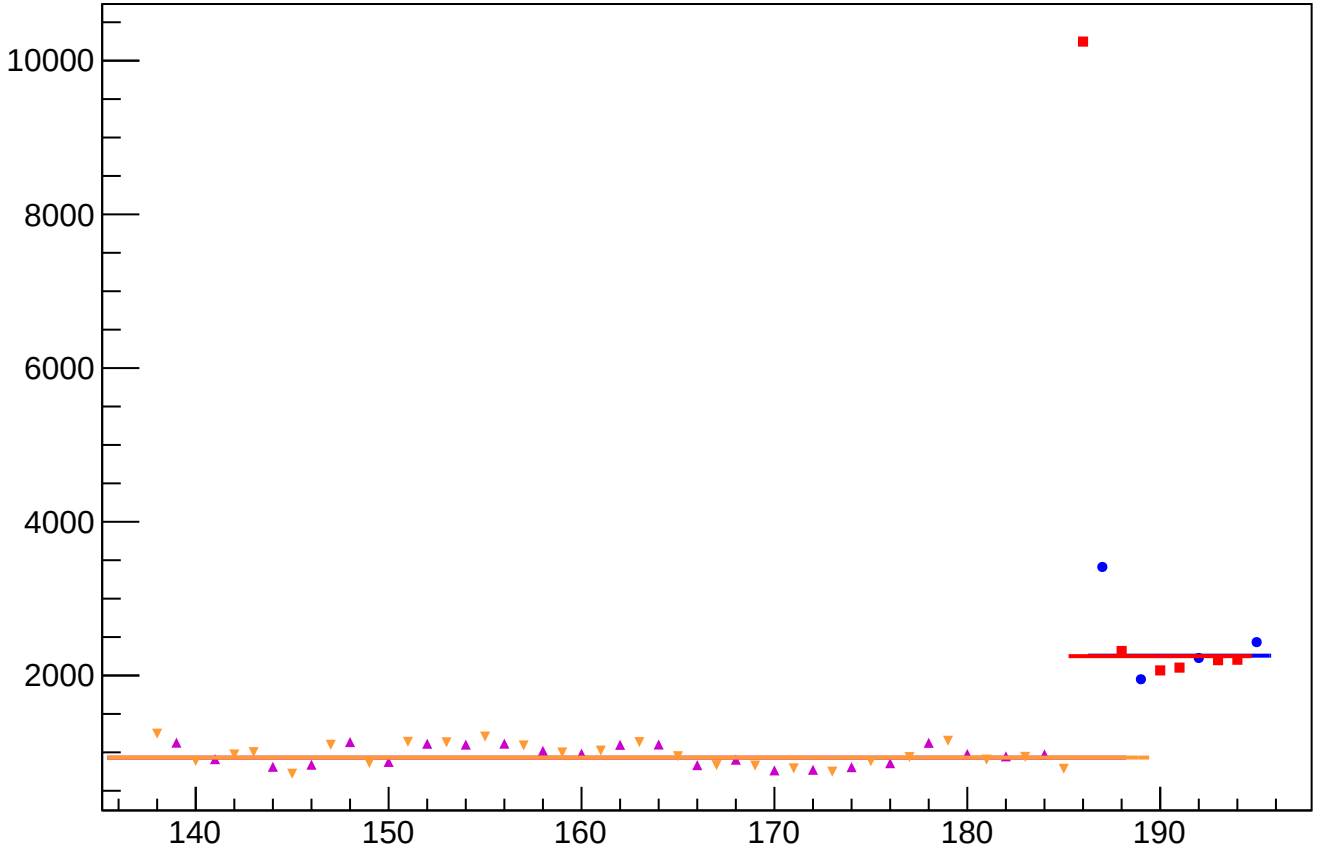
Right: -1159.639+/-1008.870 χ^2/NDF: 7.4/9

In: 55.144+/-222.368 χ^2/NDF:26.7/26

Out: 1171.817+/-217.355 χ^2/NDF:57.7/30

All: 626.209+/-155.435 χ^2/NDF: 97.4/57

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2258.055+/-1.179 χ^2/NDF: 65789.9/3

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2251.722+/-0.896 χ^2/NDF: 458811.3/5

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

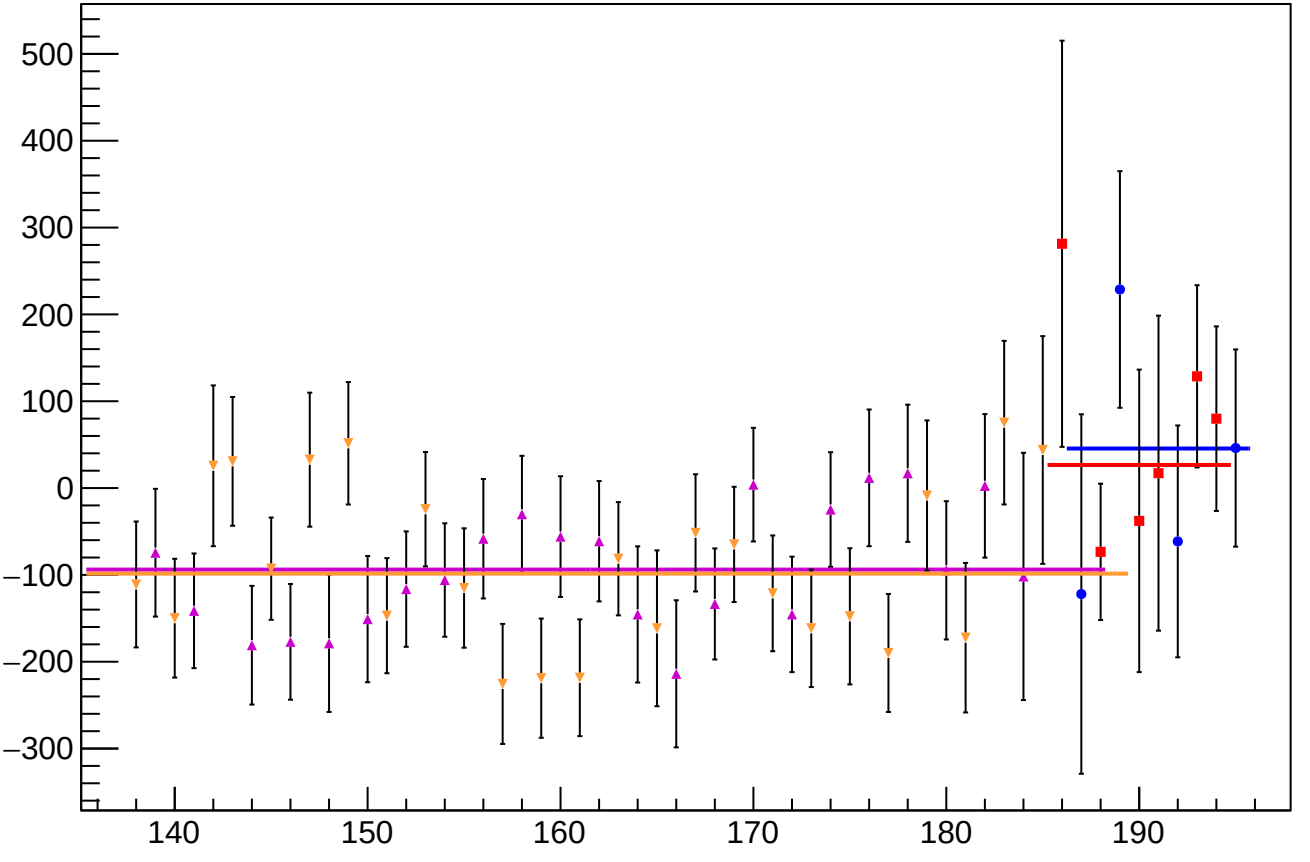
Right: 2254.039+/-0.713 χ^2/NDF: 524619.5/9

In: 954.447+/-0.157 χ^2/NDF:1931762.2/26

Out: 971.007+/-0.154 χ^2/NDF:3393212.0/30

All: 962.916+/-0.110 χ^2/NDF: 5330646.7/57

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 45.549+/-68.865 χ^2/NDF: 3.1/3

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 26.592+/-48.607 χ^2/NDF: 4.1/5

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

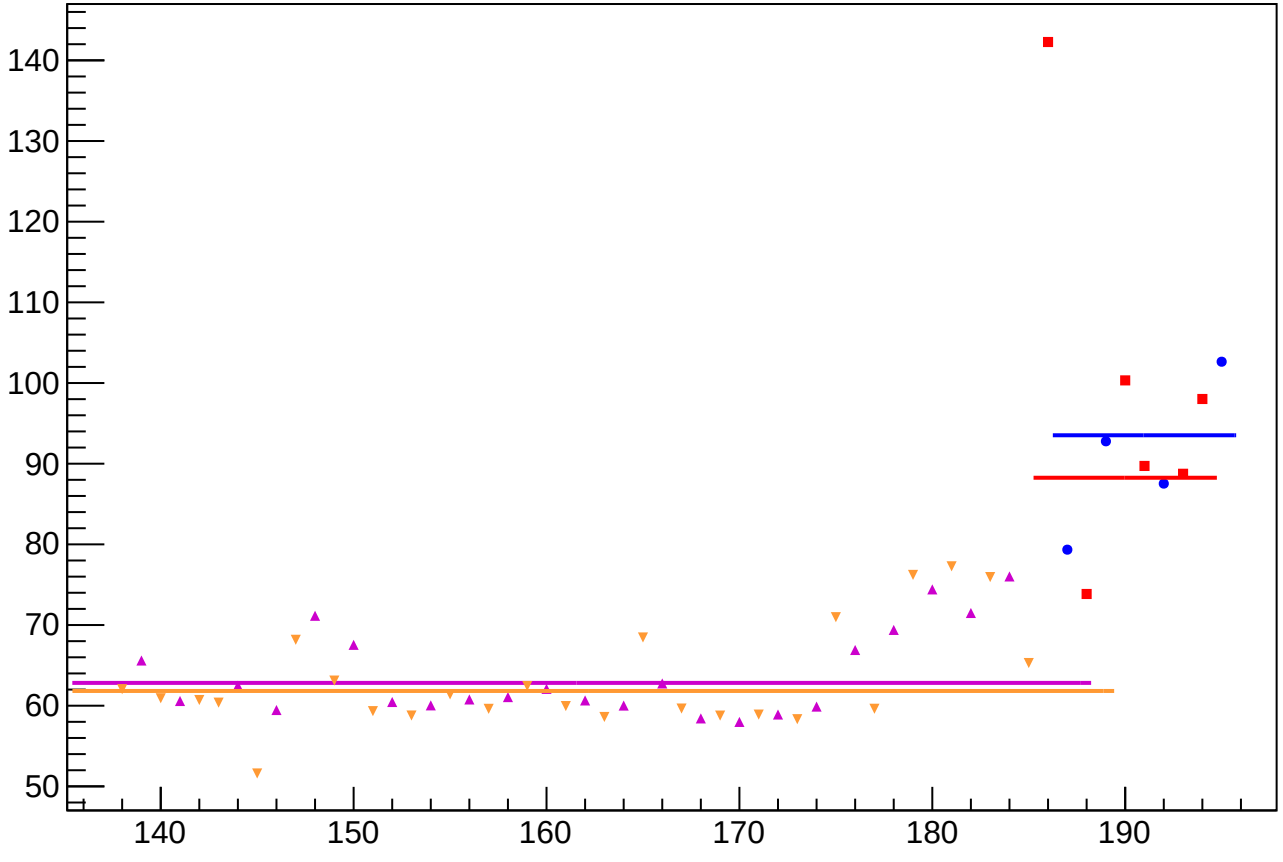
Right: 32.896+/-39.711 χ^2/NDF: 7.3/9

In: -87.551+/-14.693 χ^2/NDF:26.3/26

Out: -88.298+/-13.917 χ^2/NDF:45.5/30

All: -87.945+/-10.104 χ^2/NDF: 71.8/57

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 93.523+/-0.049 χ^2/NDF: 26367.2/3

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 88.258+/-0.034 χ^2/NDF: 200715.9/5

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

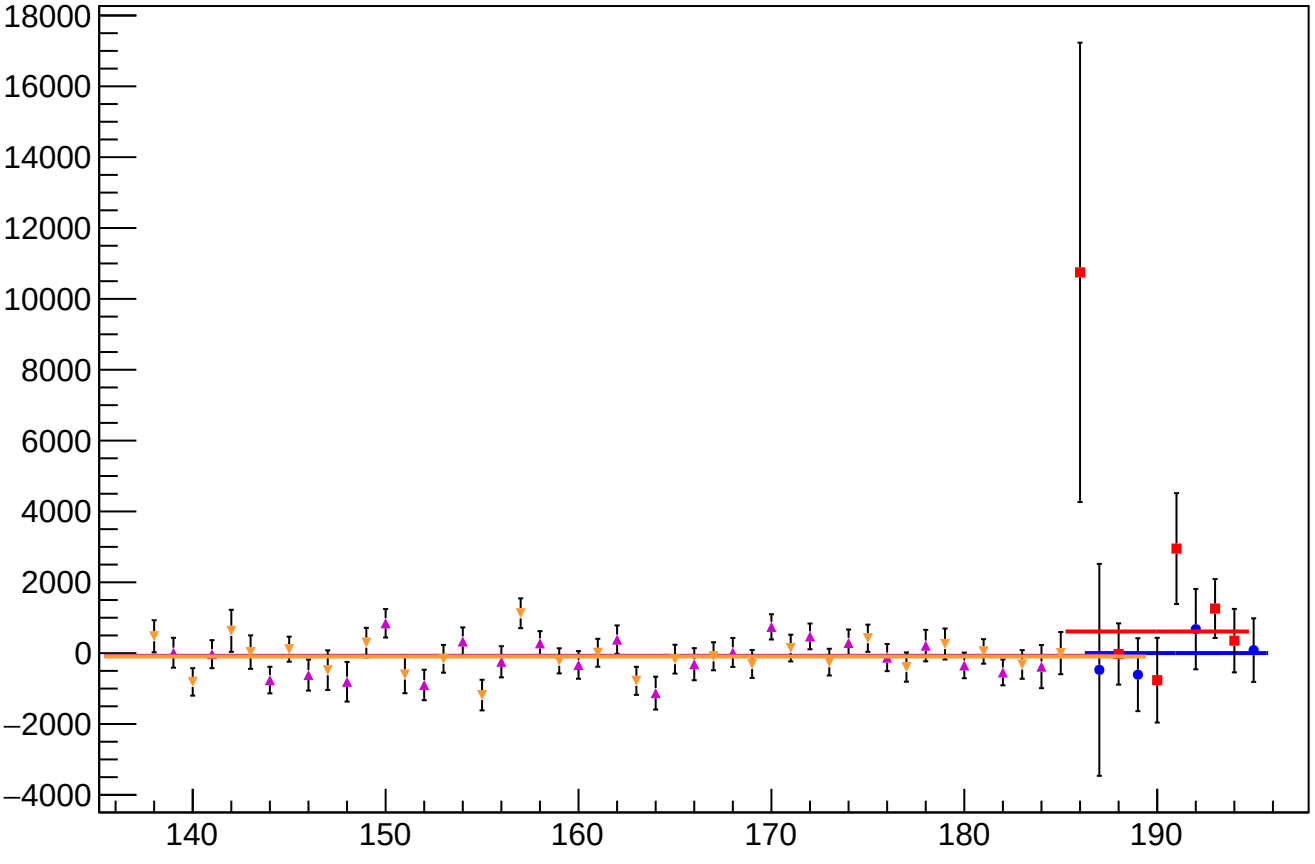
Right: 90.009+/-0.028 χ^2/NDF: 234887.1/9

In: 64.224+/-0.010 χ^2/NDF:592658.5/26

Out: 63.994+/-0.010 χ^2/NDF:1057178.5/30

All: 64.103+/-0.007 χ^2/NDF: 1650097.2/57

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 2.272+/-570.312 χ^2/NDF: 0.7/3

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 611.598+/-440.196 χ^2/NDF: 7.2/5

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

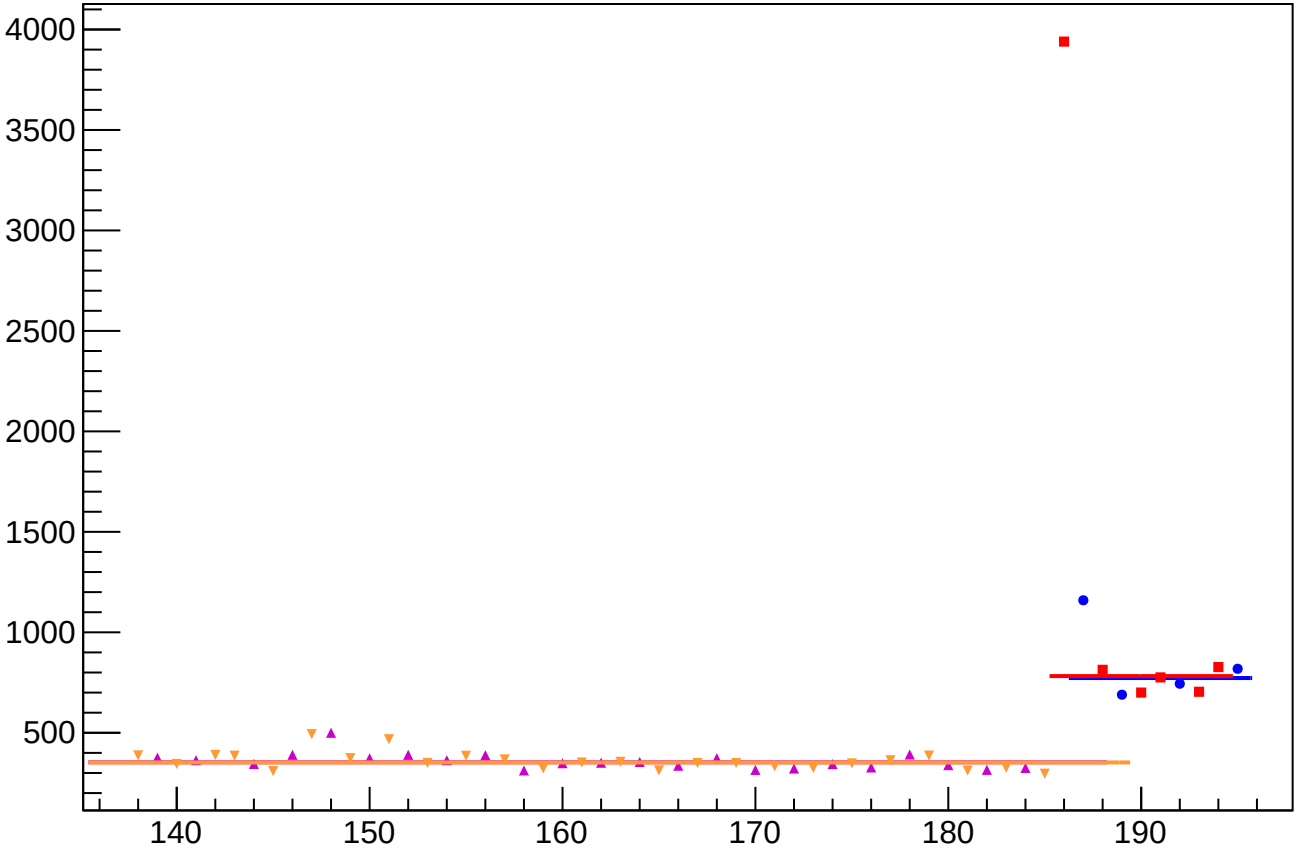
Right: 384.114+/-348.468 χ^2/NDF: 8.7/9

In: -72.272+/-83.735 χ^2/NDF:37.1/26

Out: -70.736+/-81.420 χ^2/NDF:41.3/30

All: -71.483+/-58.374 χ^2/NDF: 78.4/57

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 772.491+/-0.403 χ^2/NDF: 53001.2/3

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 782.185+/-0.311 χ^2/NDF: 509084.9/5

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

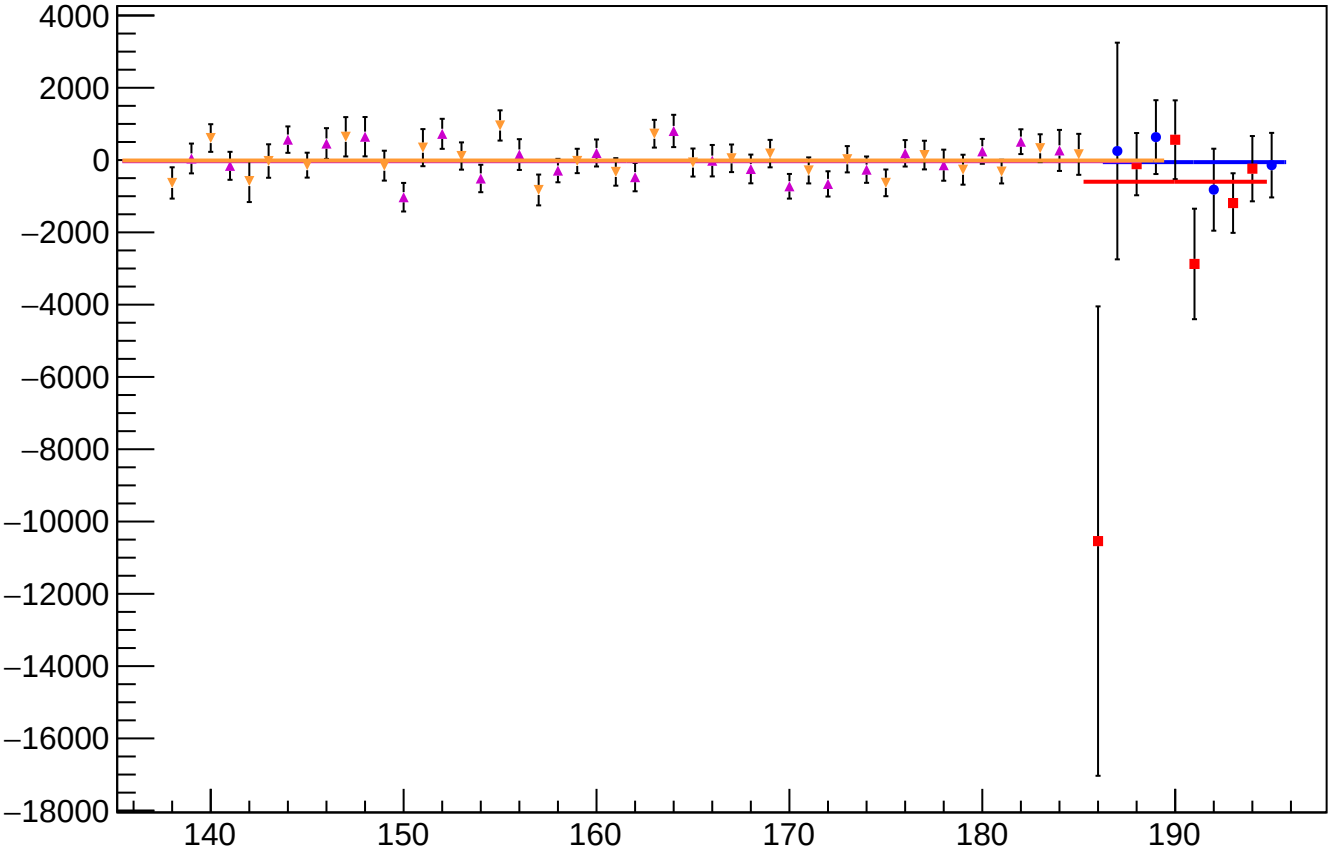
Right: 778.566+/-0.246 χ^2/NDF: 562448.2/9

In: 362.236+/-0.059 χ^2/NDF:1432498.9/26

Out: 367.106+/-0.058 χ^2/NDF:2768861.3/30

All: 364.739+/-0.041 χ^2/NDF: 4204838.0/57

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -57.216+/-567.814 χ^2/NDF: 0.9/3

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -599.564+/-432.786 χ^2/NDF: 6.7/5

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

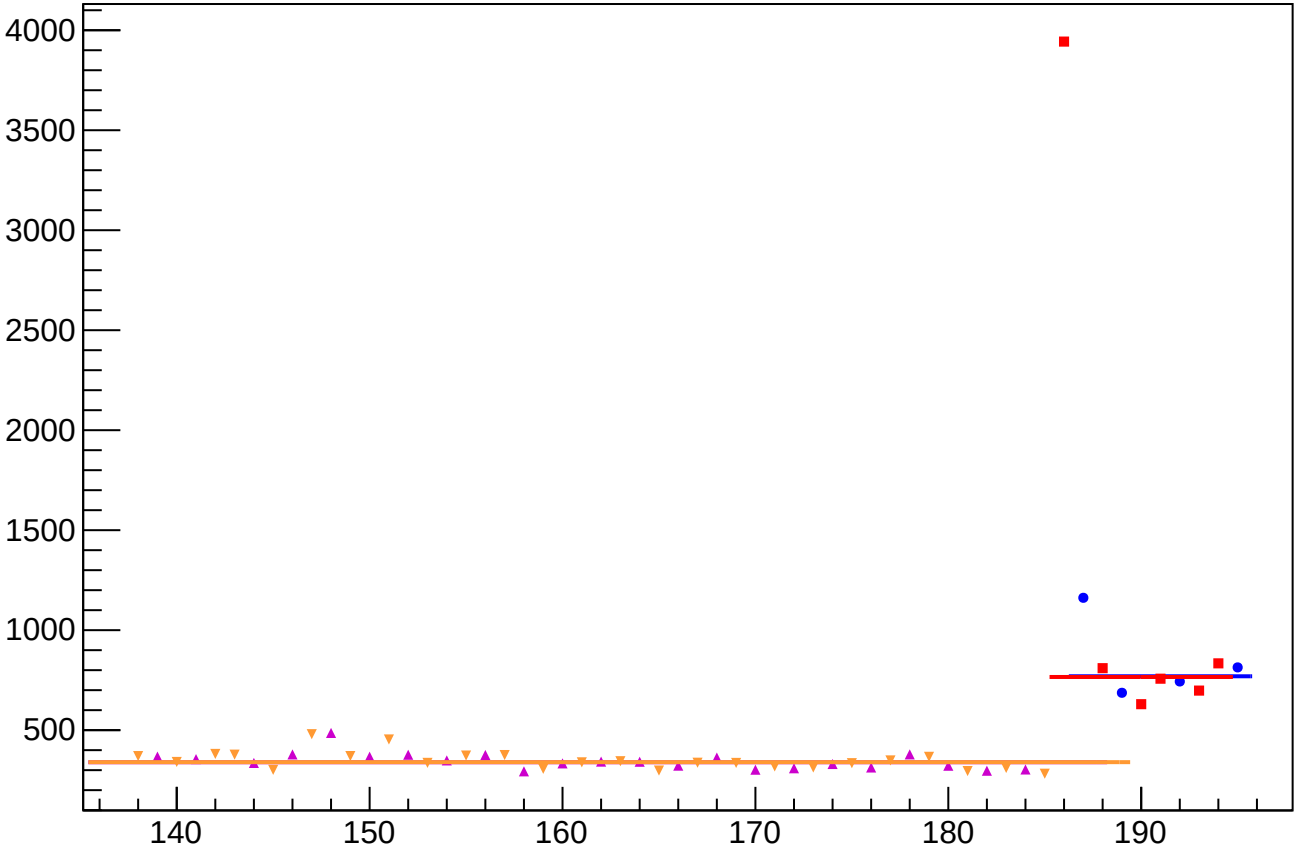
Right: -400.270+/-344.203 χ^2/NDF: 8.2/9

In: -32.049+/-80.650 χ^2/NDF:35.7/26

Out: -31.933+/-78.652 χ^2/NDF:35.8/30

All: -31.990+/-56.309 χ^2/NDF: 71.5/57

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 769.452+/-0.402 χ^2/NDF: 53348.1/3

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 765.936+/-0.306 χ^2/NDF: 540350.1/5

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

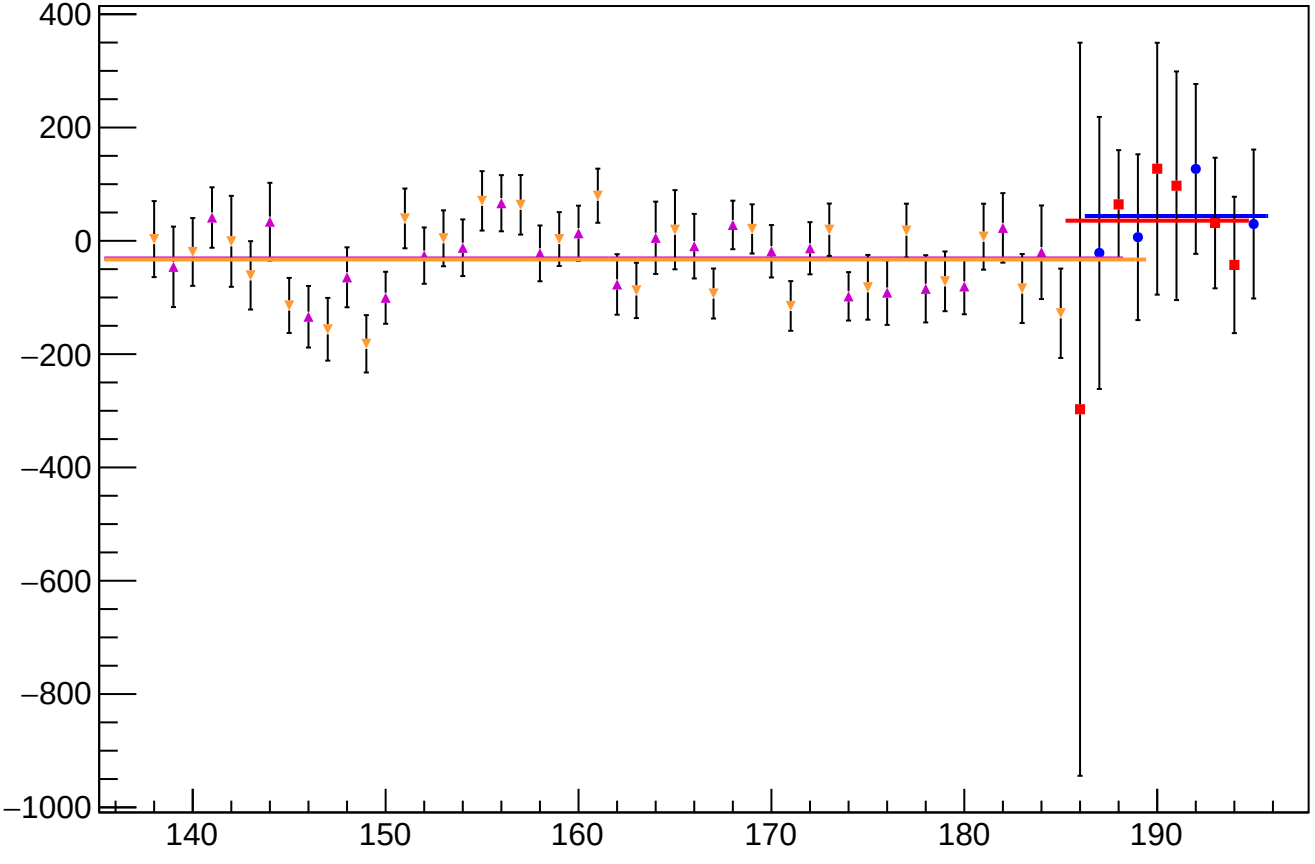
Right: 767.228+/-0.243 χ^2/NDF: 593746.8/9

In: 348.243+/-0.057 χ^2/NDF:1554379.8/26

Out: 354.085+/-0.056 χ^2/NDF:2878745.9/30

All: 351.238+/-0.040 χ^2/NDF: 4438504.3/57

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 43.827+/-77.522 χ^2/NDF: 0.5/3

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 35.614+/-57.673 χ^2/NDF: 1.0/5

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

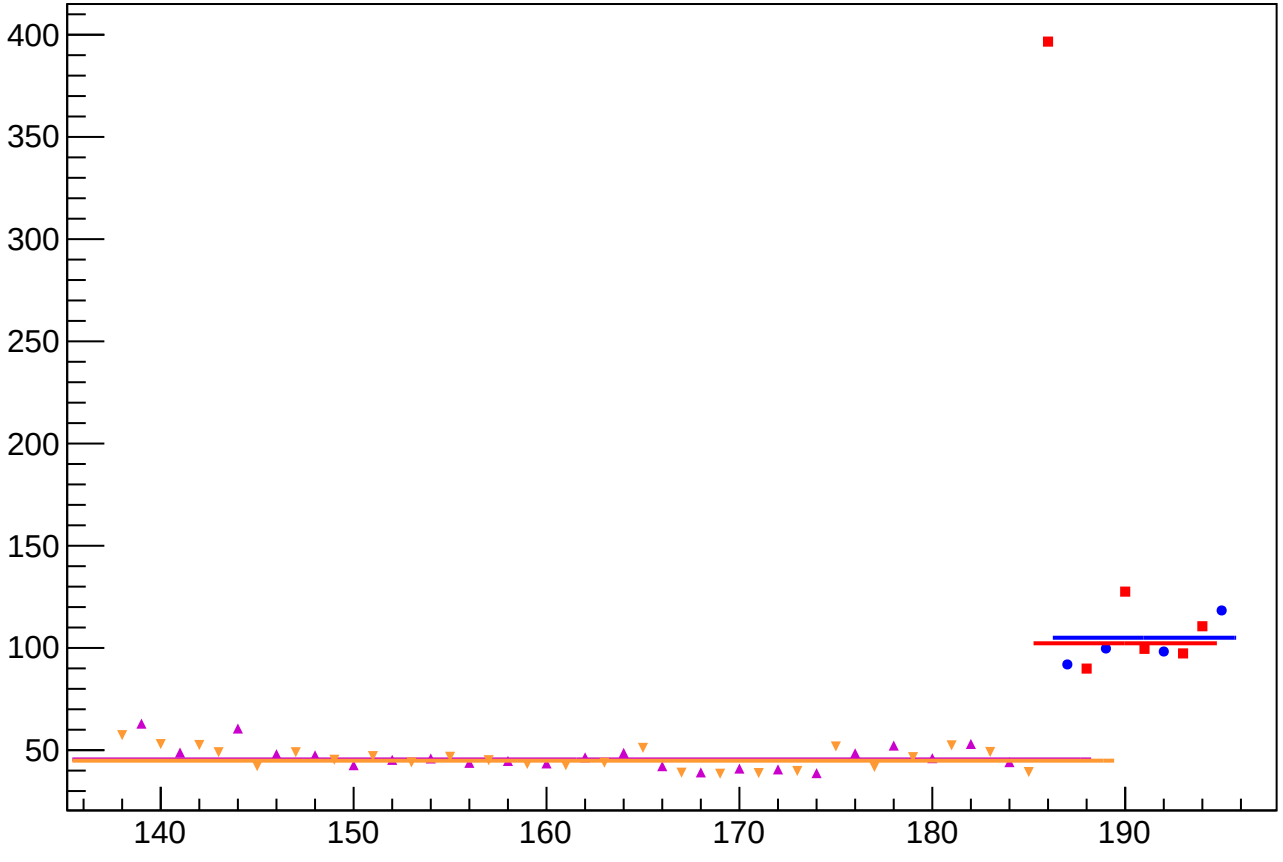
Right: 38.540+/-46.272 χ^2/NDF: 1.5/9

In: -29.675+/-10.850 χ^2/NDF:24.8/26

Out: -30.732+/-10.404 χ^2/NDF:50.4/30

All: -30.226+/-7.509 χ^2/NDF: 75.2/57

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 105.005+/-0.055 χ^2/NDF: 33174.3/3

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 102.283+/-0.041 χ^2/NDF: 486866.8/5

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

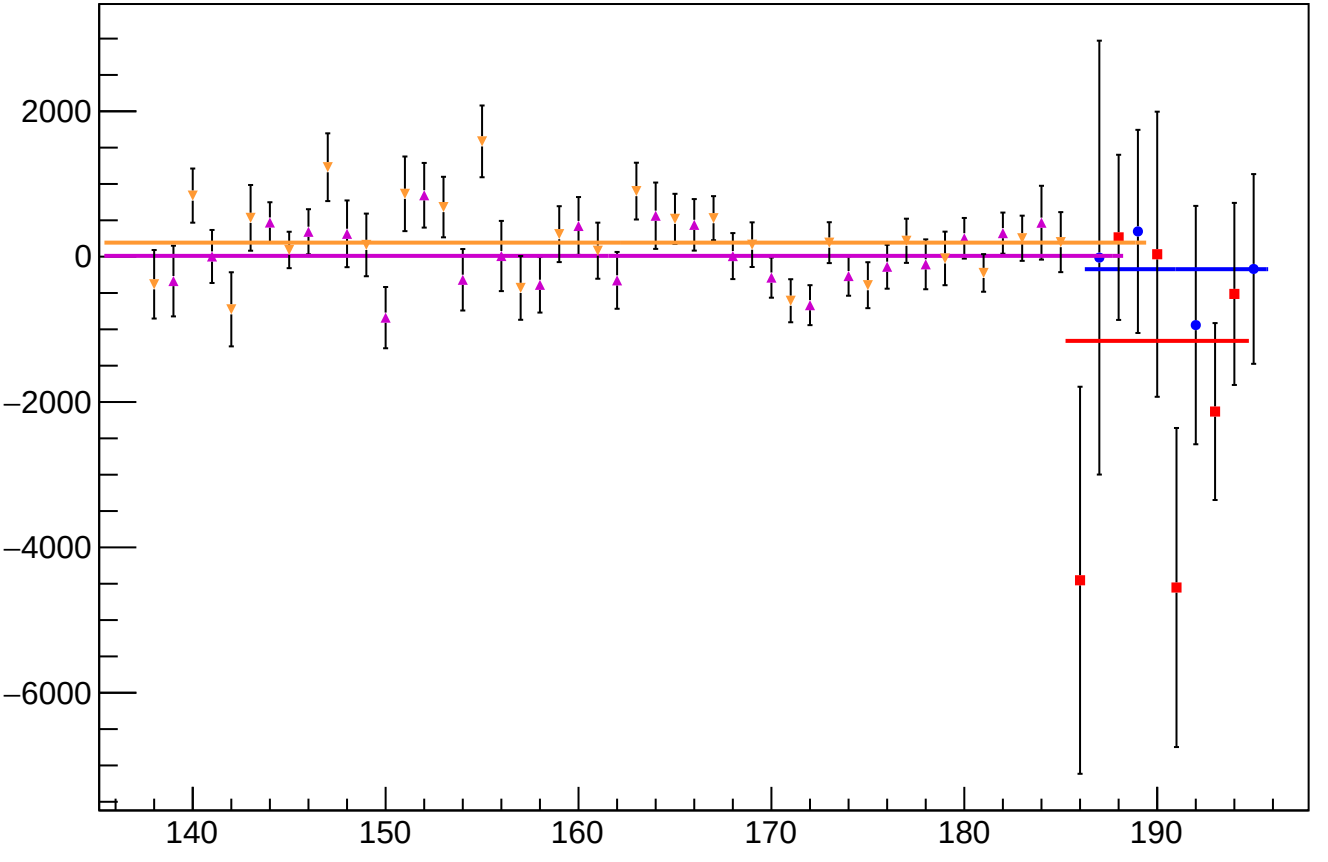
Right: 103.253+/-0.033 χ^2/NDF: 521628.3/9

In: 46.631+/-0.008 χ^2/NDF:1646858.8/26

Out: 46.731+/-0.007 χ^2/NDF:2820457.3/30

All: 46.683+/-0.005 χ^2/NDF: 4467403.4/57

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -172.511+/-794.726 χ^2/NDF: 0.4/3

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -1158.848+/-609.055 χ^2/NDF: 6.8/5

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

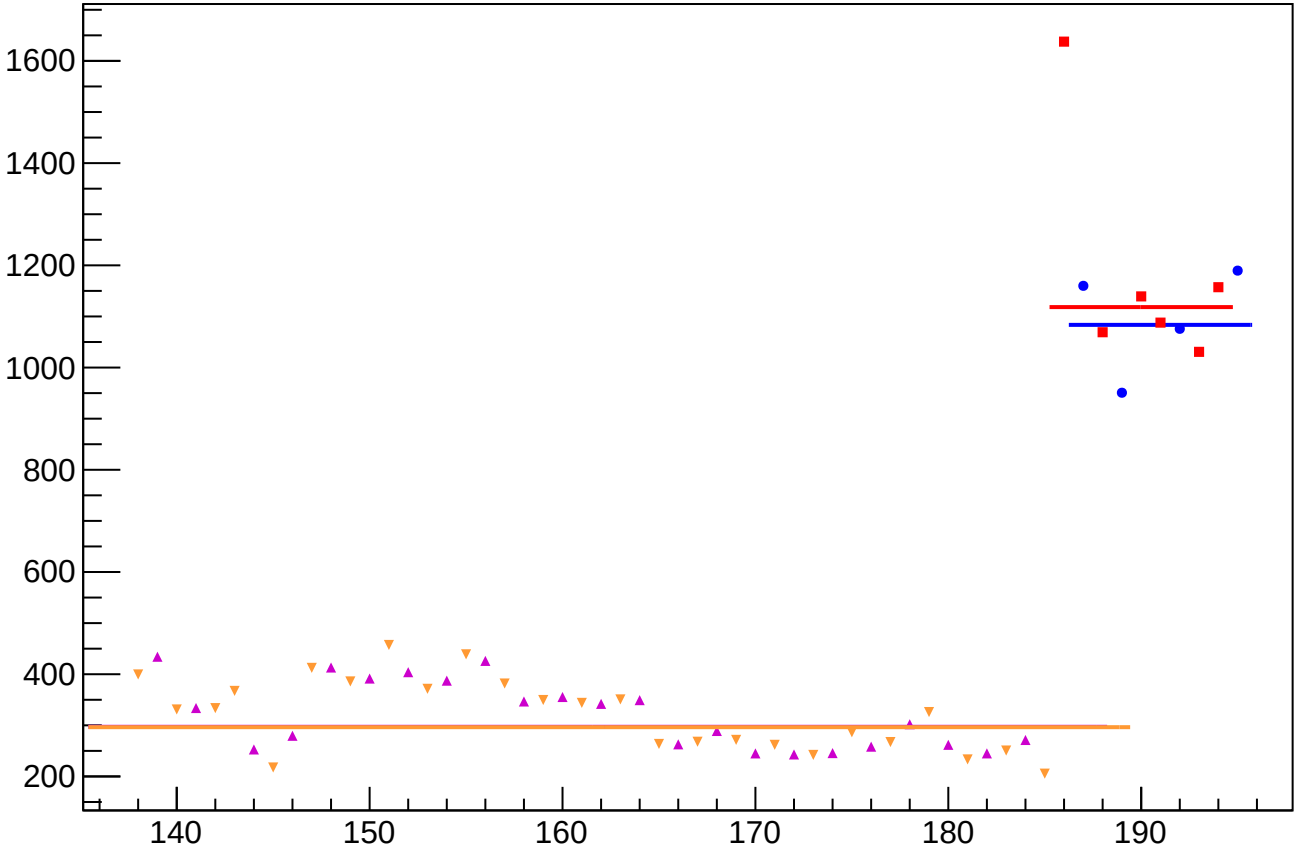
Right: -793.895+/-483.419 χ^2/NDF: 8.1/9

In: 9.296+/-72.003 χ^2/NDF:30.6/26

Out: 174.838+/-70.491 χ^2/NDF:57.4/30

All: 93.823+/-50.371 χ^2/NDF: 90.8/57

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 1083.535+/-0.562 χ^2/NDF: 32637.5/3

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1118.310+/-0.431 χ^2/NDF: 92746.0/5

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

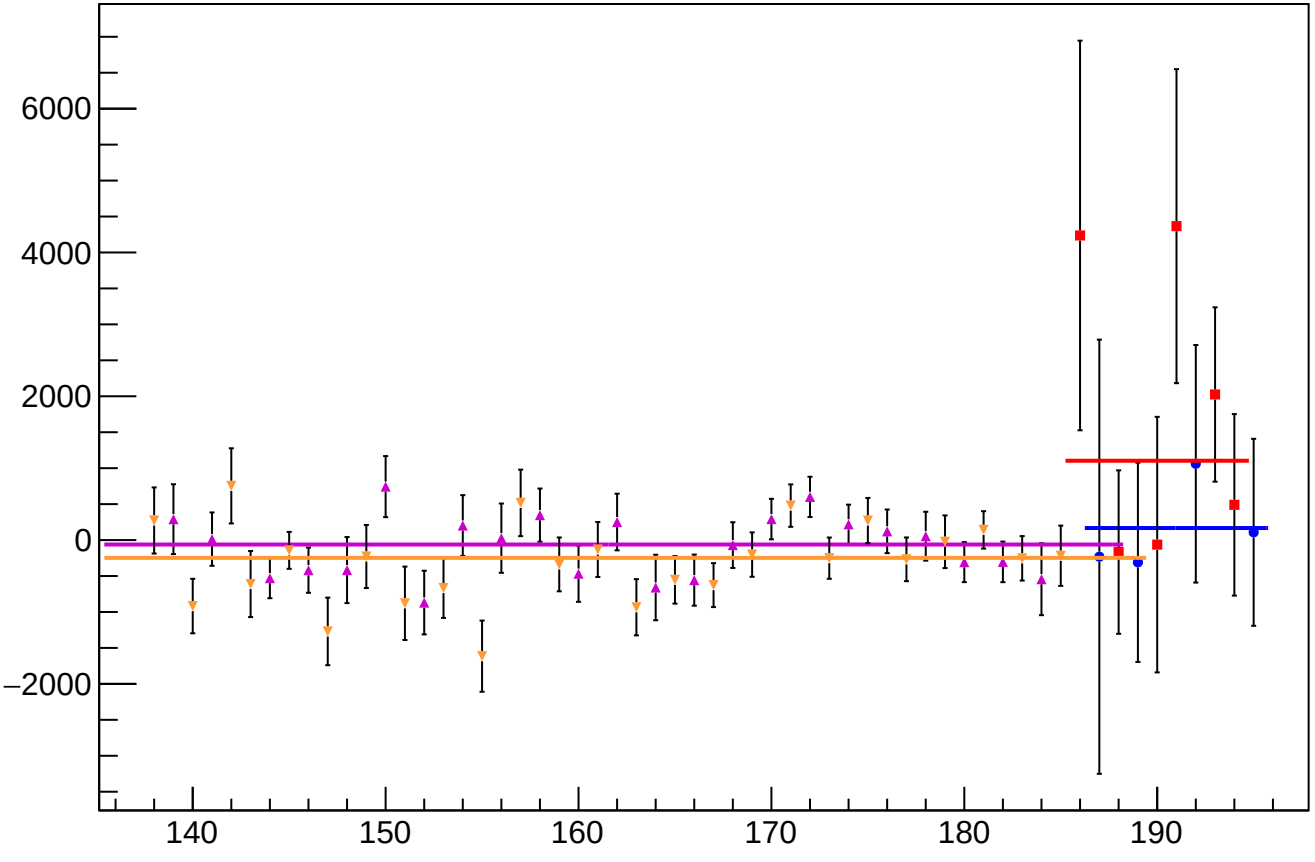
Right: 1105.443+/-0.342 χ^2/NDF: 127795.9/9

In: 303.592+/-0.051 χ^2/NDF:3295619.5/26

Out: 307.393+/-0.050 χ^2/NDF:5321817.3/30

All: 305.533+/-0.036 χ^2/NDF: 8620282.9/57

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 167.616+/-793.547 χ^2/NDF: 0.4/3

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 1103.516+/-603.658 χ^2/NDF: 6.1/5

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

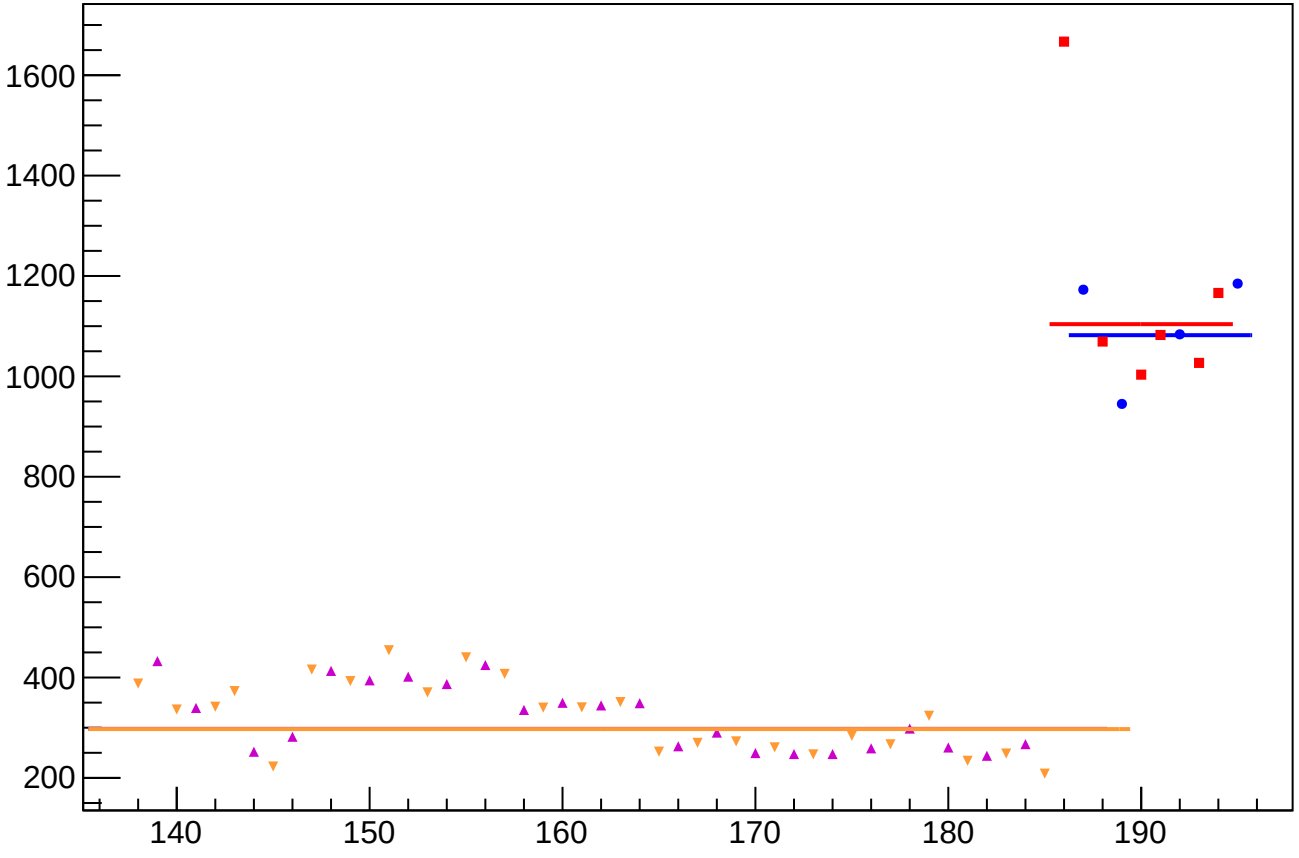
Right: 760.454+/-480.446 χ^2/NDF: 7.4/9

In: -59.810+/-72.177 χ^2/NDF:30.8/26

Out: -228.567+/-70.727 χ^2/NDF:54.6/30

All: -145.900+/-50.517 χ^2/NDF: 88.2/57

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 1082.057+/-0.561 χ^2/NDF: 33817.3/3

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1104.015+/-0.427 χ^2/NDF: 107734.3/5

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

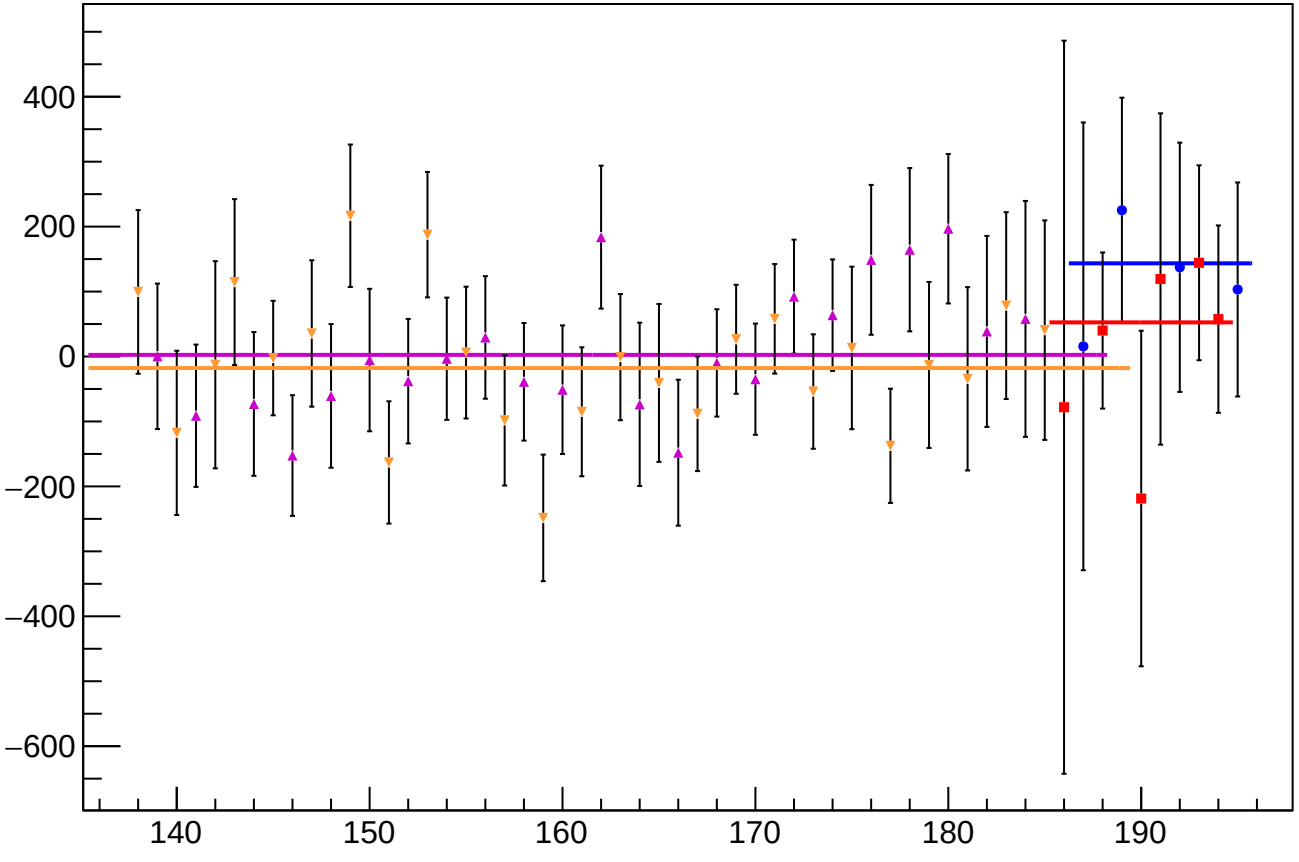
Right: 1095.966+/-0.340 χ^2/NDF: 142521.6/9

In: 304.185+/-0.051 χ^2/NDF:3246222.5/26

Out: 308.347+/-0.050 χ^2/NDF:5258653.4/30

All: 306.309+/-0.036 χ^2/NDF: 8508269.1/57

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 143.473+/-97.270 χ^2/NDF: 0.4/3

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 52.565+/-71.589 χ^2/NDF: 1.6/5

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

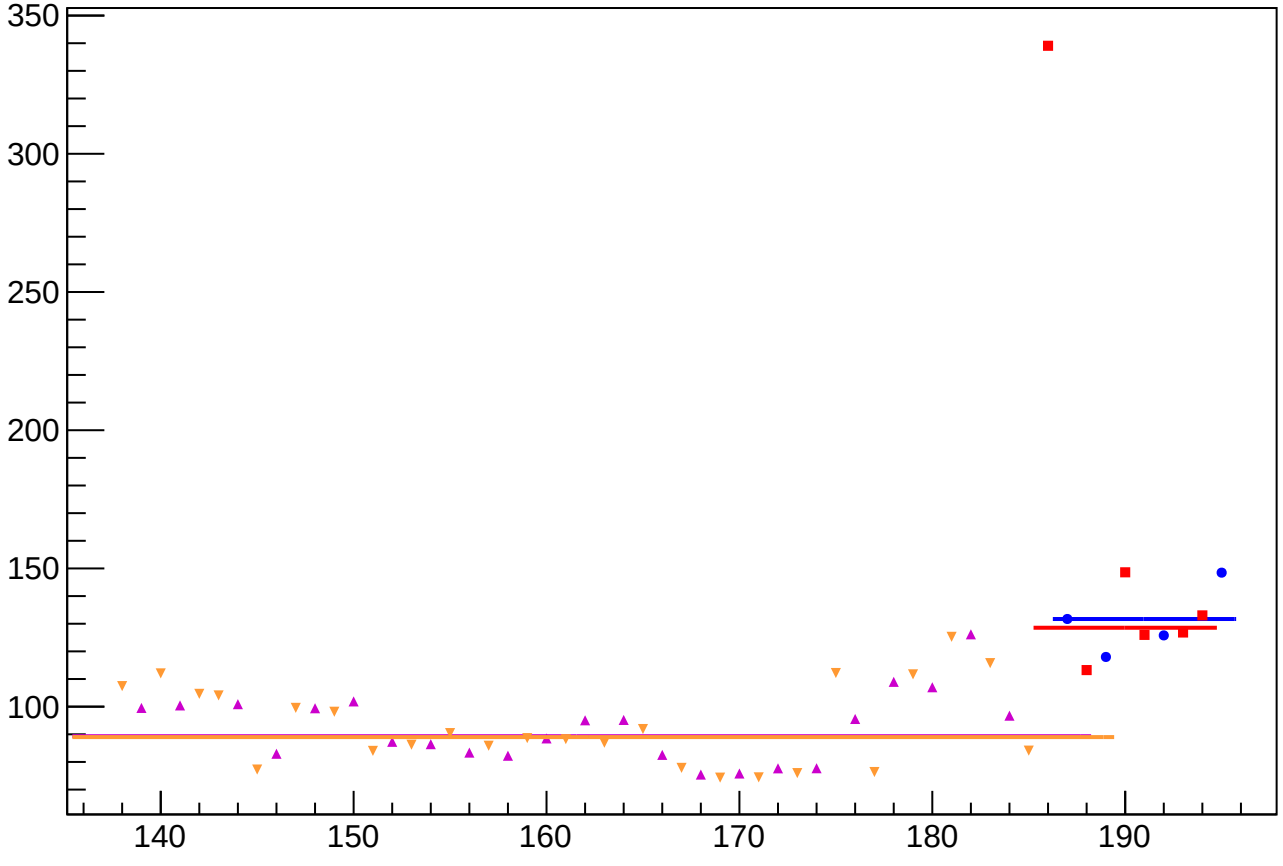
Right: 84.506+/-57.657 χ^2/NDF: 2.6/9

In: 9.120+/-21.070 χ^2/NDF:20.4/26

Out: -12.132+/-20.258 χ^2/NDF:28.0/30

All: -1.924+/-14.603 χ^2/NDF: 49.0/57

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 131.706+/-0.069 χ^2/NDF: 35169.3/3

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 128.548+/-0.051 χ^2/NDF: 325159.4/5

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

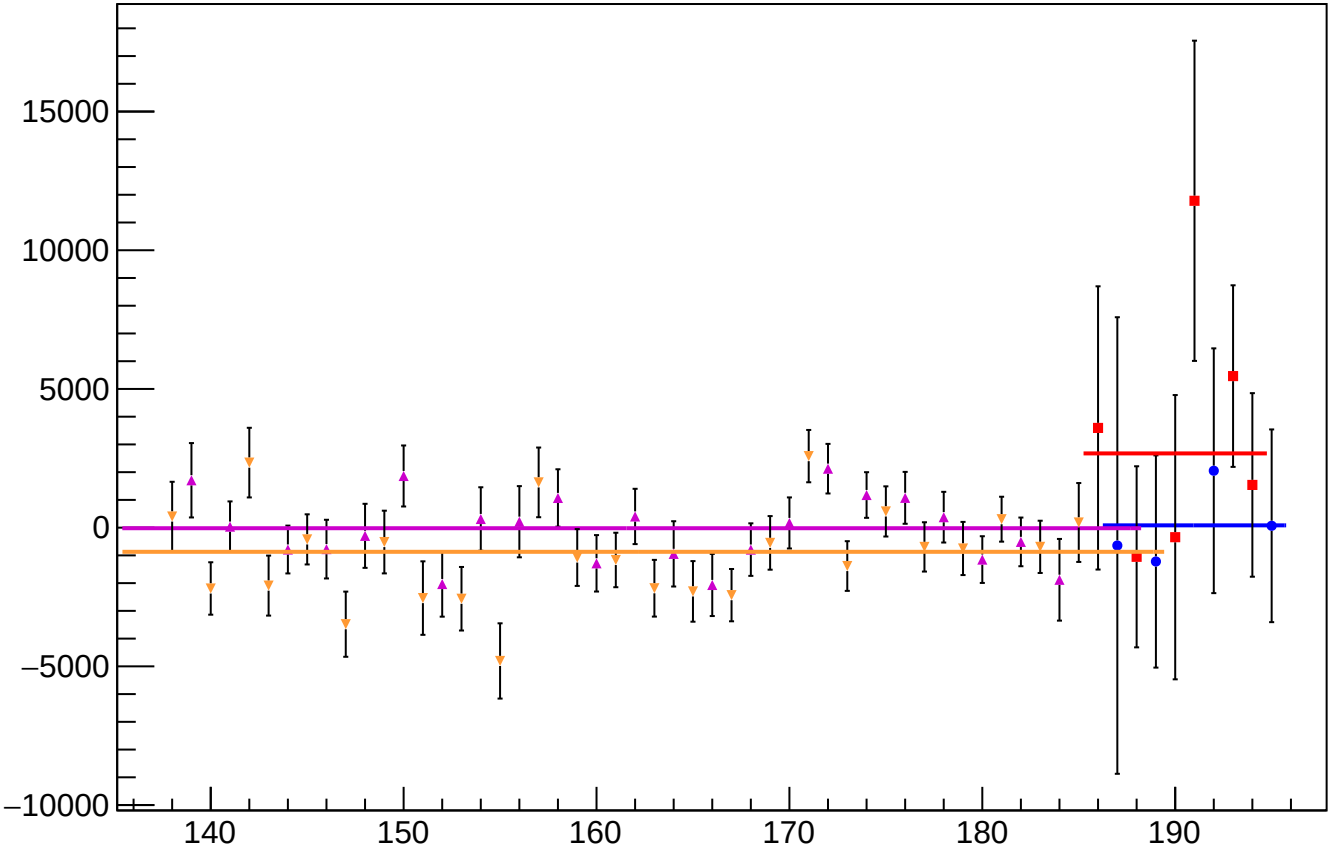
Right: 129.658+/-0.041 χ^2/NDF: 361695.9/9

In: 91.310+/-0.015 χ^2/NDF:957528.4/26

Out: 92.158+/-0.014 χ^2/NDF:1694390.0/30

All: 91.751+/-0.010 χ^2/NDF: 2653602.3/57

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 82.823+/-2144.887 χ^2/NDF: 0.3/3

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 2676.169+/-1611.558 χ^2/NDF: 5.0/5

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

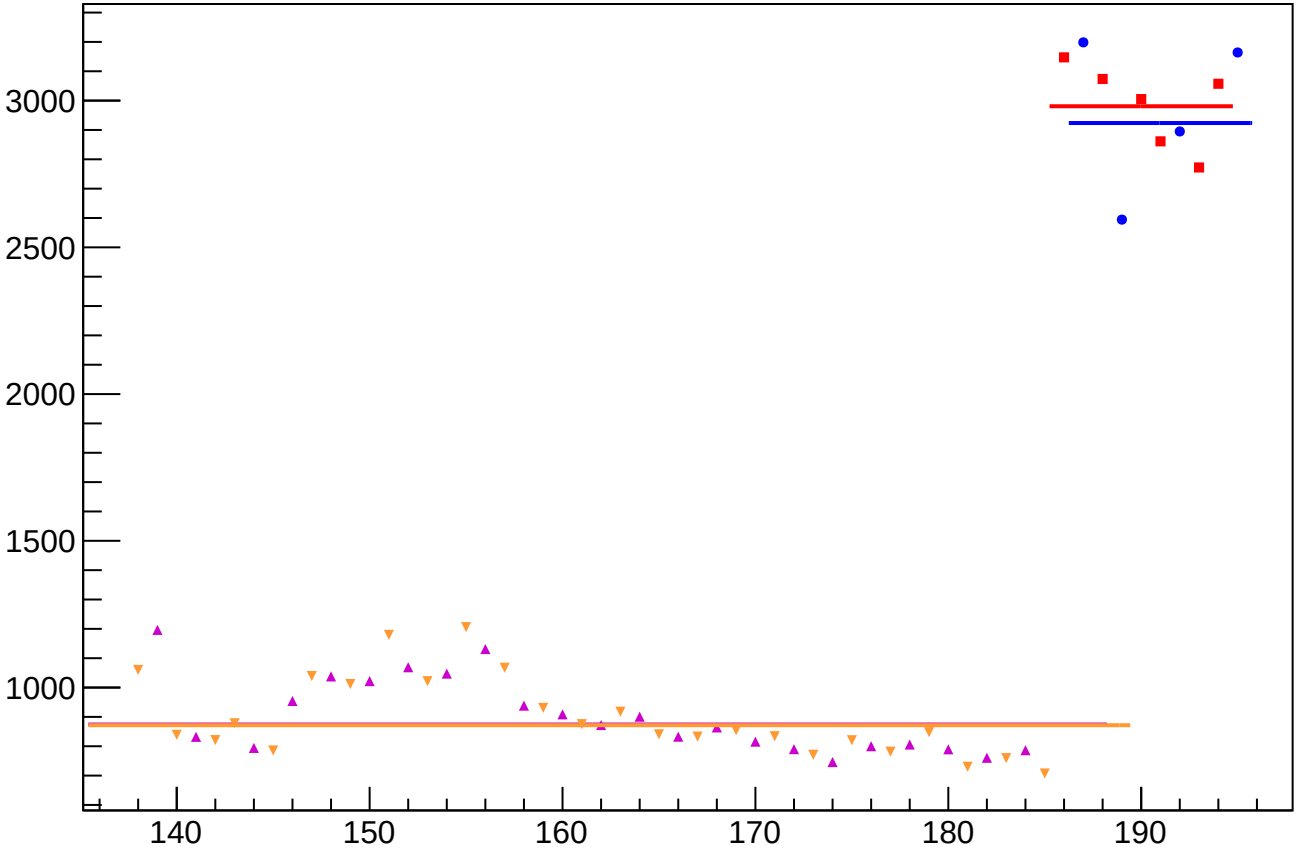
Right: 1740.417+/-1288.412 χ^2/NDF: 6.3/9

In: -19.590+/-209.175 χ^2/NDF:30.0/26

Out: -814.040+/-204.323 χ^2/NDF:67.4/30

All: -426.135+/-146.163 χ^2/NDF: 104.8/57

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 2923.666+/-1.517 χ^2/NDF: 26707.8/3

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 2980.779+/-1.140 χ^2/NDF: 13852.5/5

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

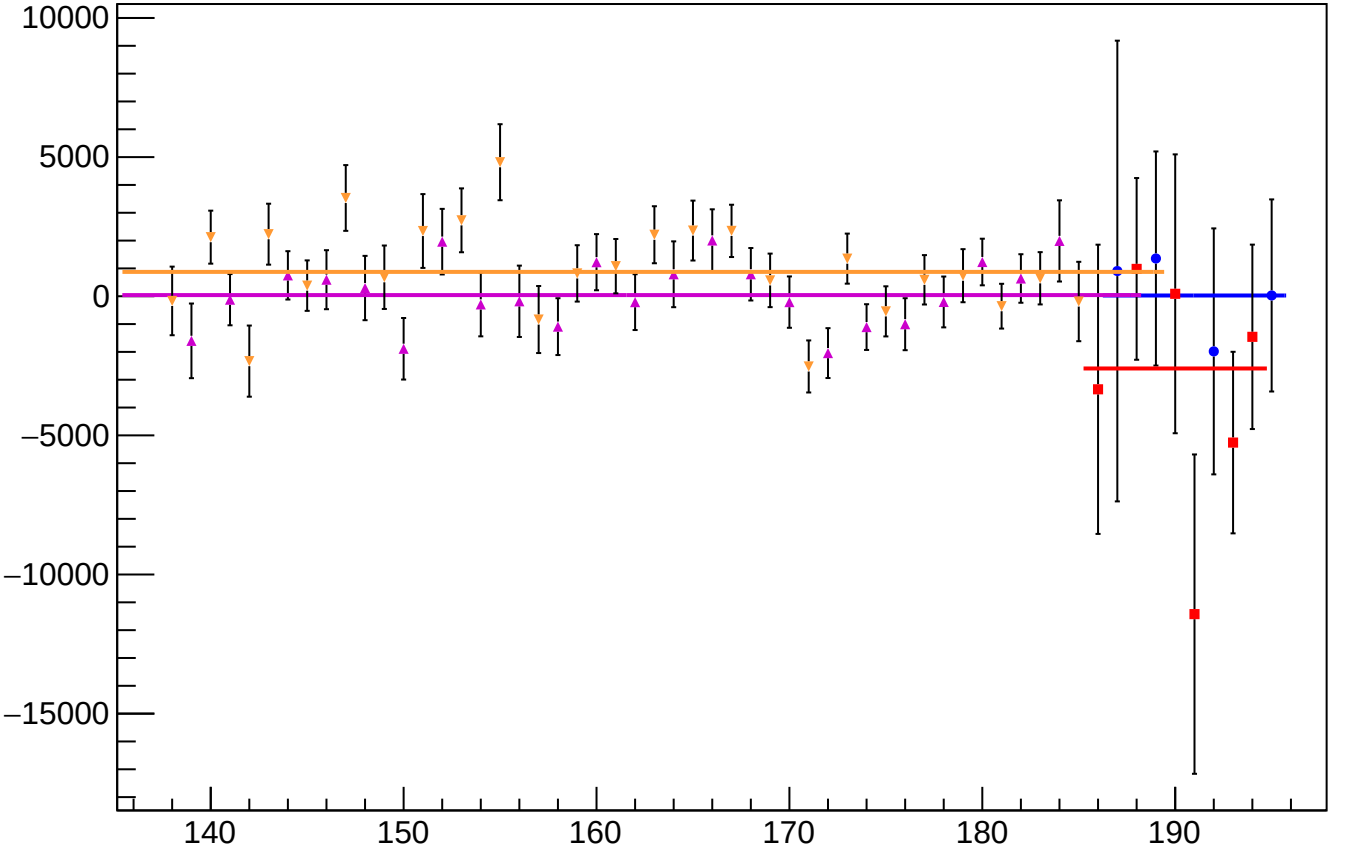
Right: 2960.171+/-0.911 χ^2/NDF: 41466.6/9

In: 893.549+/-0.148 χ^2/NDF:2414116.1/26

Out: 905.593+/-0.144 χ^2/NDF:4026721.9/30

All: 899.712+/-0.103 χ^2/NDF: 6444231.6/57

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 26.963+/-2145.351 χ^2/NDF: 0.3/3

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -2595.925+/-1609.507 χ^2/NDF: 4.7/5

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

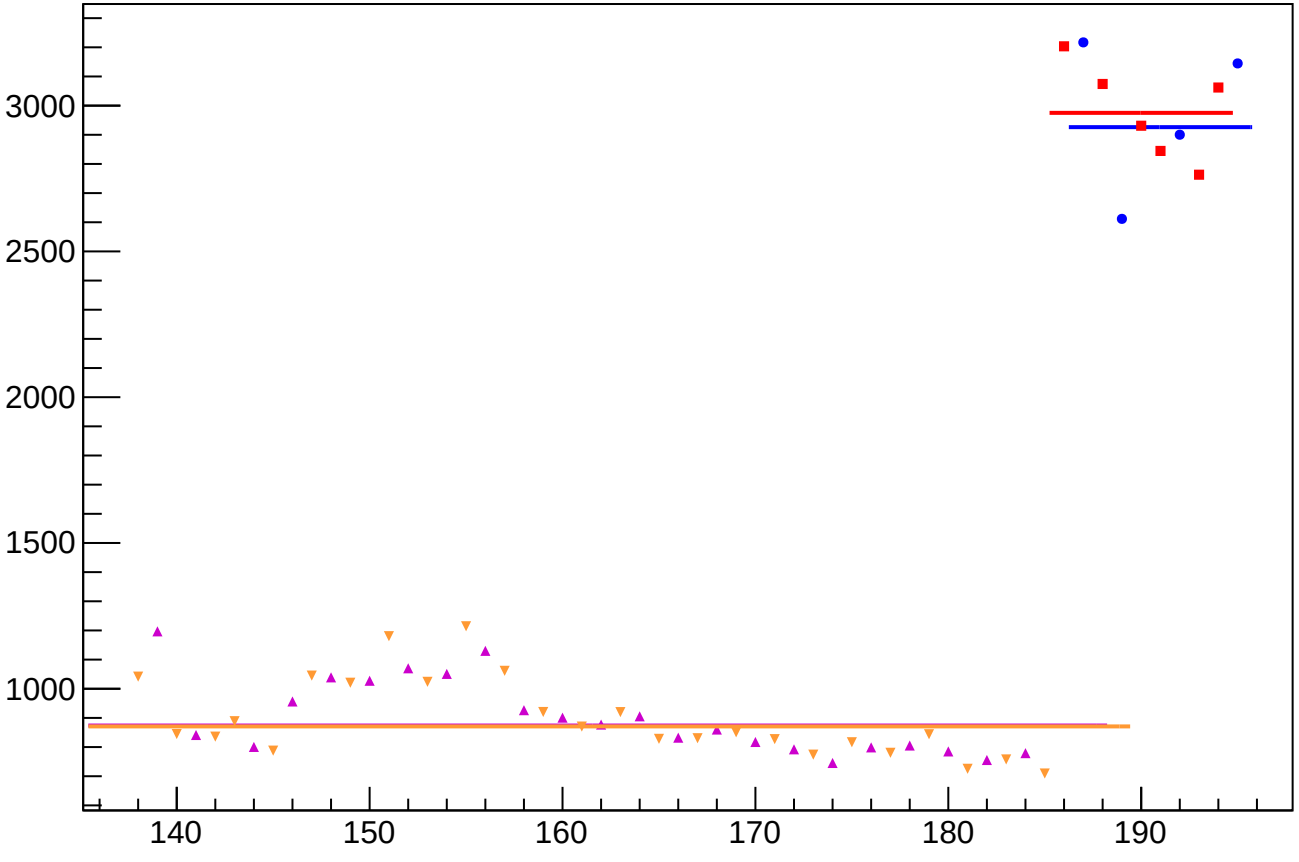
Right: -1651.314+/-1287.464 χ^2/NDF: 6.0/9

In: 41.384+/-209.207 χ^2/NDF:28.5/26

Out: 819.369+/-203.916 χ^2/NDF:64.3/30

All: 440.339+/-146.025 χ^2/NDF: 99.9/57

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 2926.215+/-1.517 χ^2/NDF: 23926.3/3

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 2975.219+/-1.138 χ^2/NDF: 16718.6/5

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

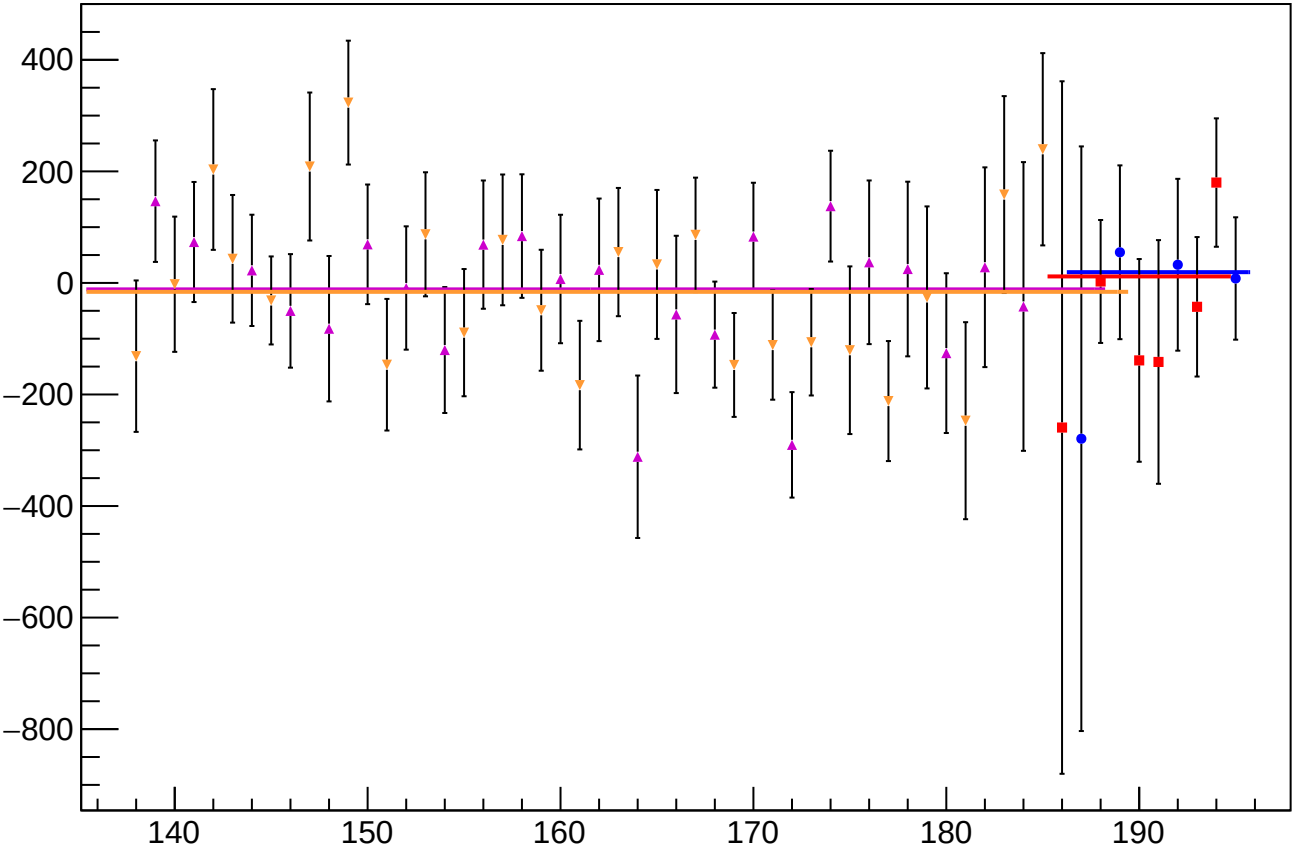
Right: 2957.571+/-0.910 χ^2/NDF: 41312.6/9

In: 893.418+/-0.148 χ^2/NDF:2420157.1/26

Out: 904.631+/-0.144 χ^2/NDF:4032549.3/30

All: 899.168+/-0.103 χ^2/NDF: 6455652.5/57

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 19.300+/-76.682 χ^2/NDF: 0.4/3

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: 11.657+/-60.239 χ^2/NDF: 3.7/5

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

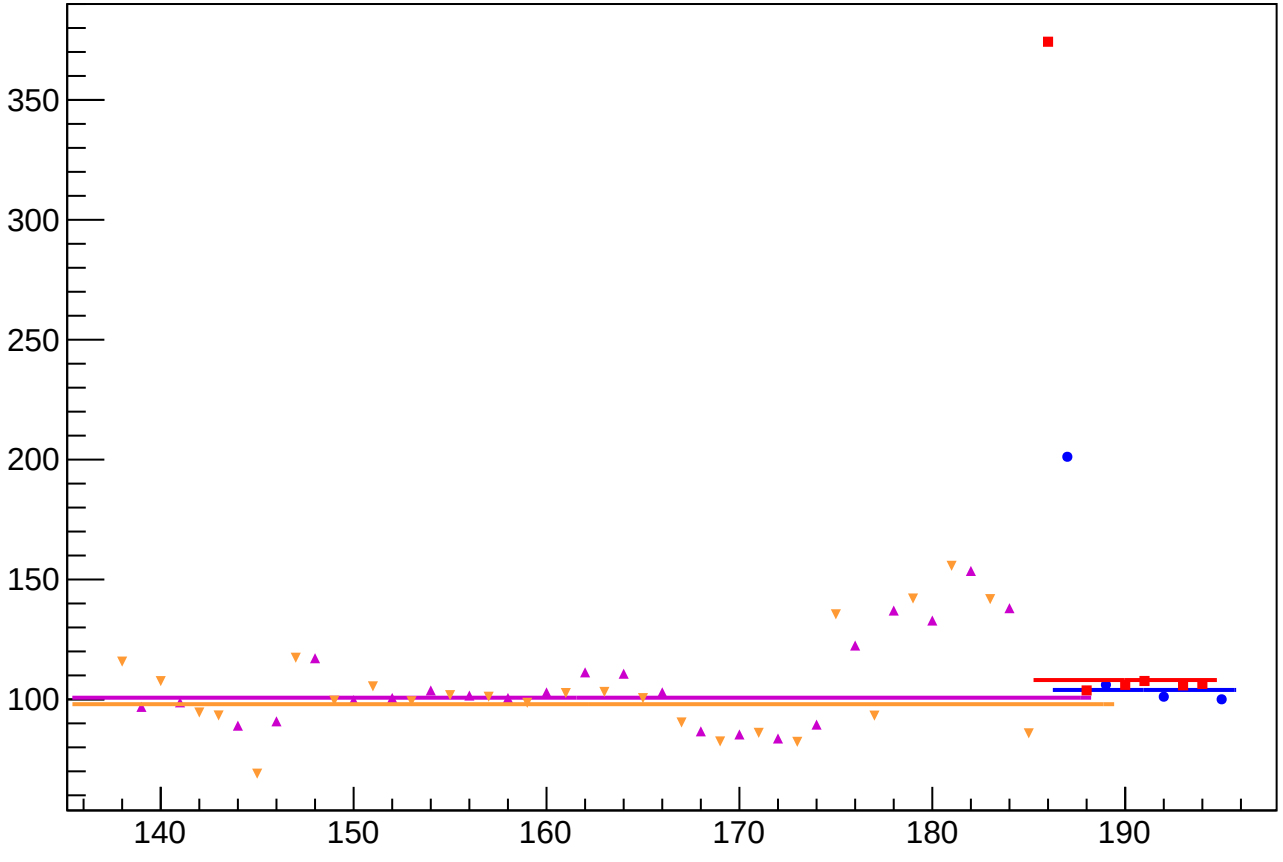
Right: 14.574+/-47.370 χ^2/NDF: 4.1/9

In: -8.729+/-23.262 χ^2/NDF:24.5/26

Out: -12.341+/-21.794 χ^2/NDF:38.8/30

All: -10.653+/-15.904 χ^2/NDF: 63.3/57

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 103.938+/-0.054 χ^2/NDF: 72435.9/3

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 108.071+/-0.043 χ^2/NDF: 372107.9/5

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

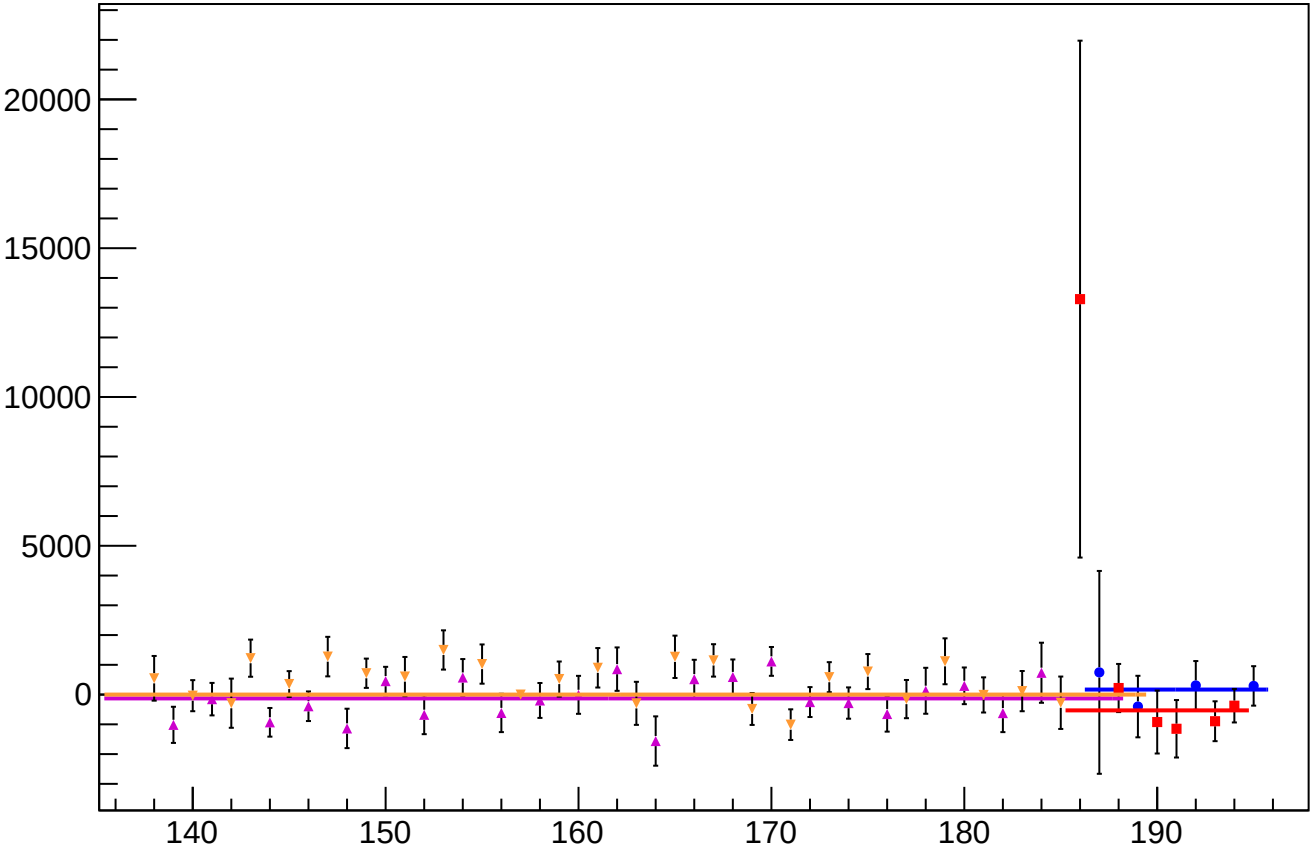
Right: 106.494+/-0.033 χ^2/NDF: 448136.4/9

In: 101.001+/-0.016 χ^2/NDF:835589.9/26

Out: 99.319+/-0.015 χ^2/NDF:1575702.0/30

All: 100.106+/-0.011 χ^2/NDF: 2416860.4/57

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 168.696+/-457.183 χ^2/NDF: 0.4/3

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -530.813+/-335.355 χ^2/NDF: 4.3/5

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

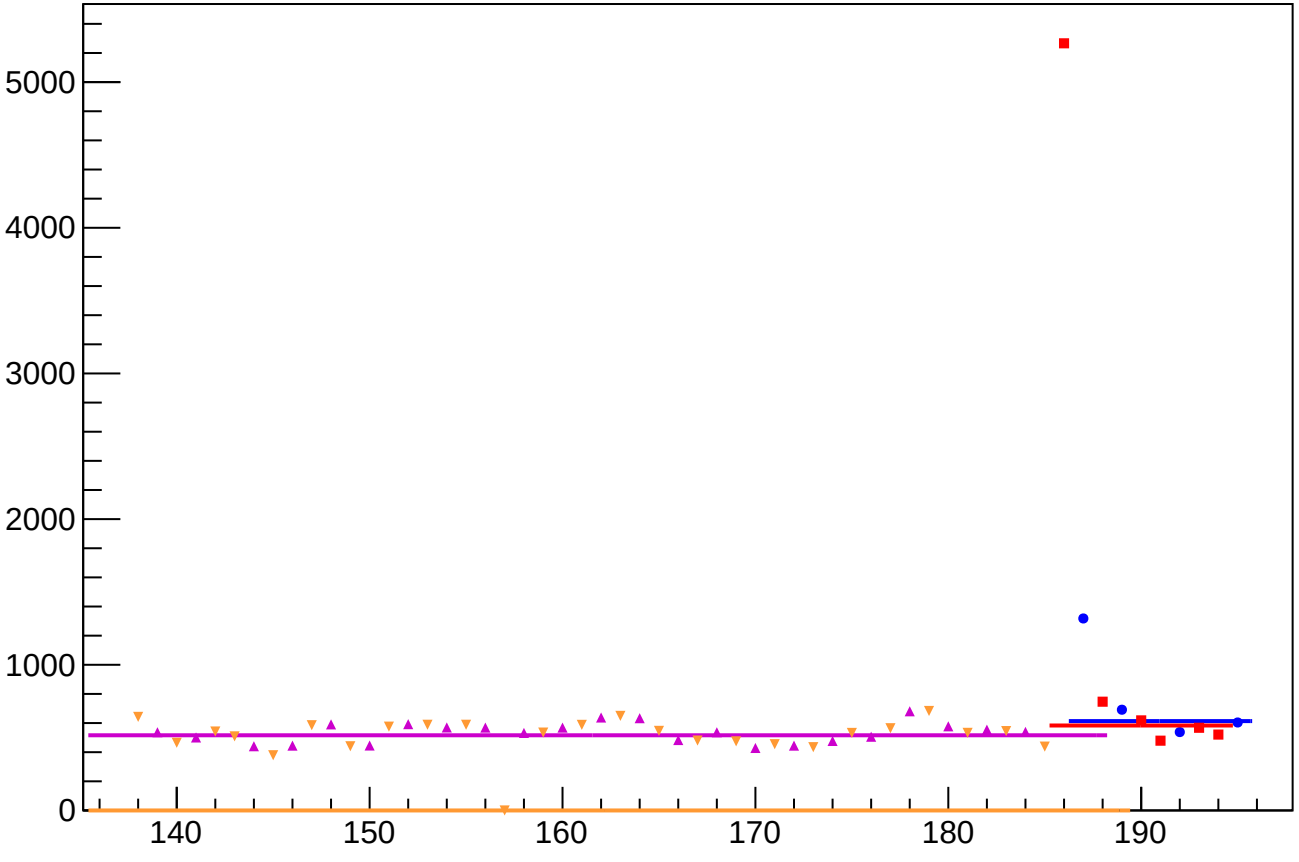
Right: -286.104+/-270.407 χ^2/NDF: 6.2/9

In: -108.613+/-119.898 χ^2/NDF:29.1/26

Out: -0.000+/-0.000 χ^2/NDF:46.7/30

All: -0.000+/-0.000 χ^2/NDF: 76.6/57

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 613.423+/-0.323 χ^2/NDF: 114162.1/3

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 583.236+/-0.237 χ^2/NDF: 714226.1/5

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

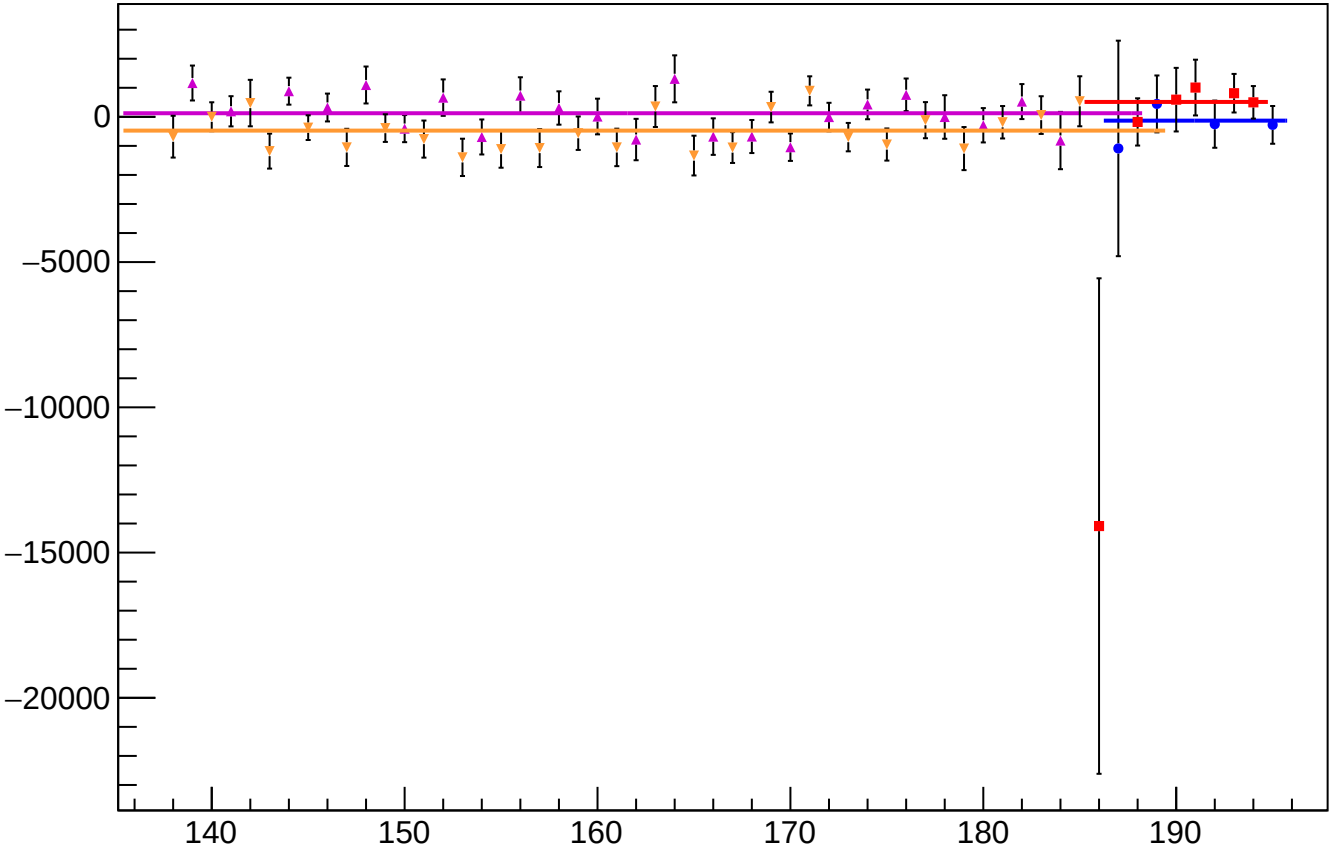
Right: 593.796+/-0.191 χ^2/NDF: 834057.2/9

In: 522.812+/-0.085 χ^2/NDF:770270.1/26

Out: 0.000+/-0.000 χ^2/NDF:41737685.8/30

All: 0.000+/-0.000 χ^2/NDF: 80535474.5/57

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -131.057+/-447.348 χ^2/NDF: 0.5/3

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 512.800+/-335.243 χ^2/NDF: 4.1/5

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

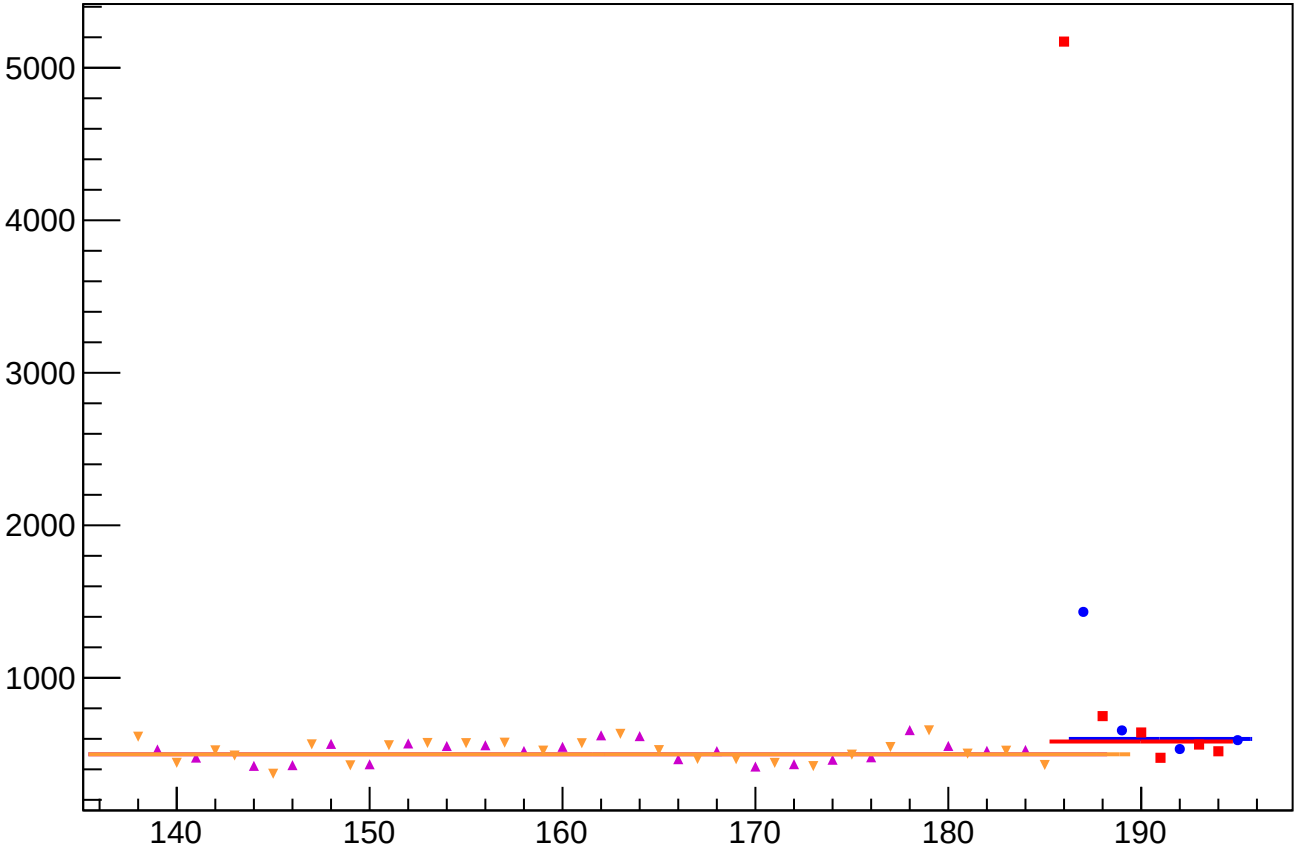
Right: 281.248+/-268.271 χ^2/NDF: 5.9/9

In: 106.842+/-116.097 χ^2/NDF:31.0/26

Out: -365.142+/-111.287 χ^2/NDF:39.8/30

All: -139.129+/-80.338 χ^2/NDF: 79.3/57

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 599.289+/-0.316 χ^2/NDF: 121002.8/3

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 582.397+/-0.237 χ^2/NDF: 721517.9/5

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

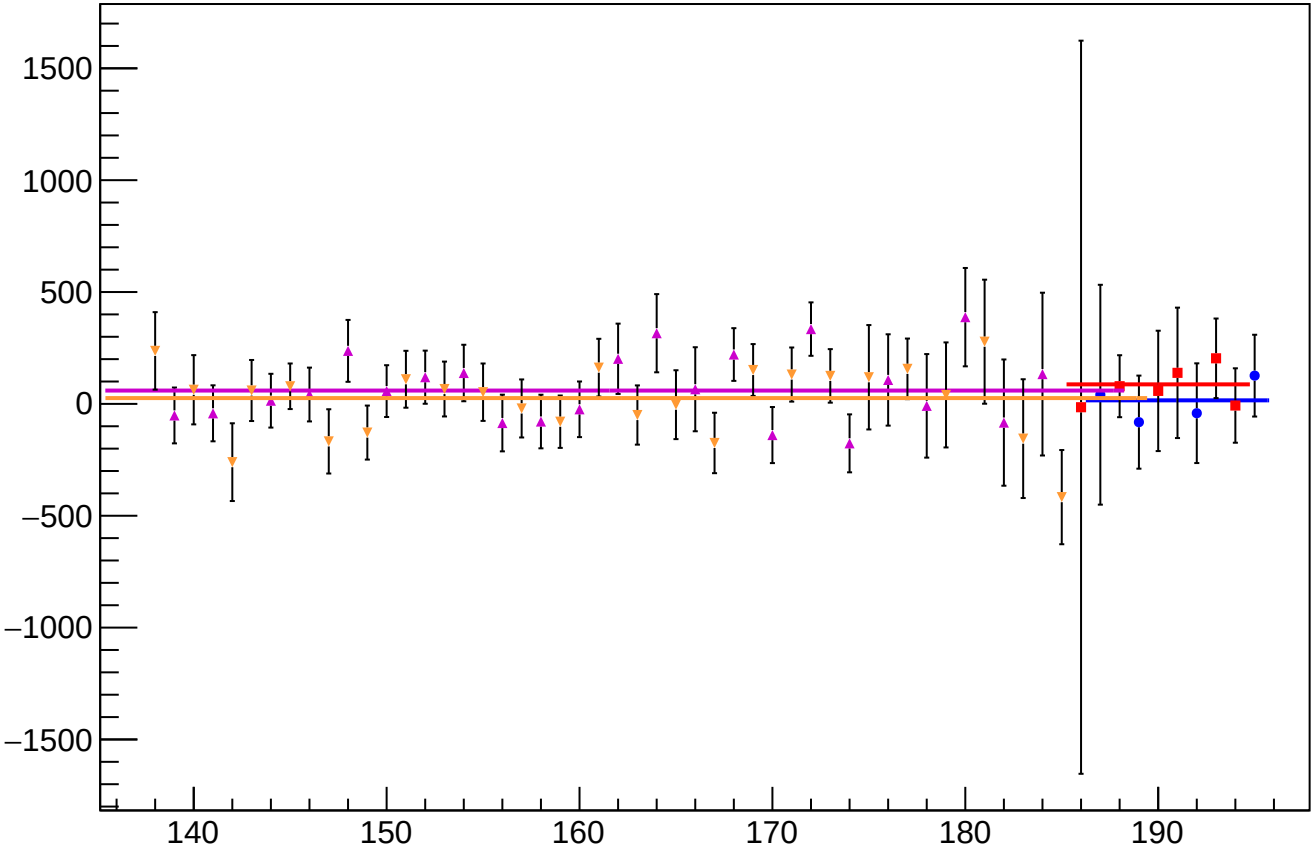
Right: 588.472+/-0.190 χ^2/NDF: 844346.7/9

In: 505.601+/-0.082 χ^2/NDF:787393.6/26

Out: 507.890+/-0.079 χ^2/NDF:1567194.7/30

All: 506.794+/-0.057 χ^2/NDF: 2354993.5/57

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 15.837+/-113.739 χ^2/NDF: 0.7/3

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: 87.300+/-82.798 χ^2/NDF: 0.8/5

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

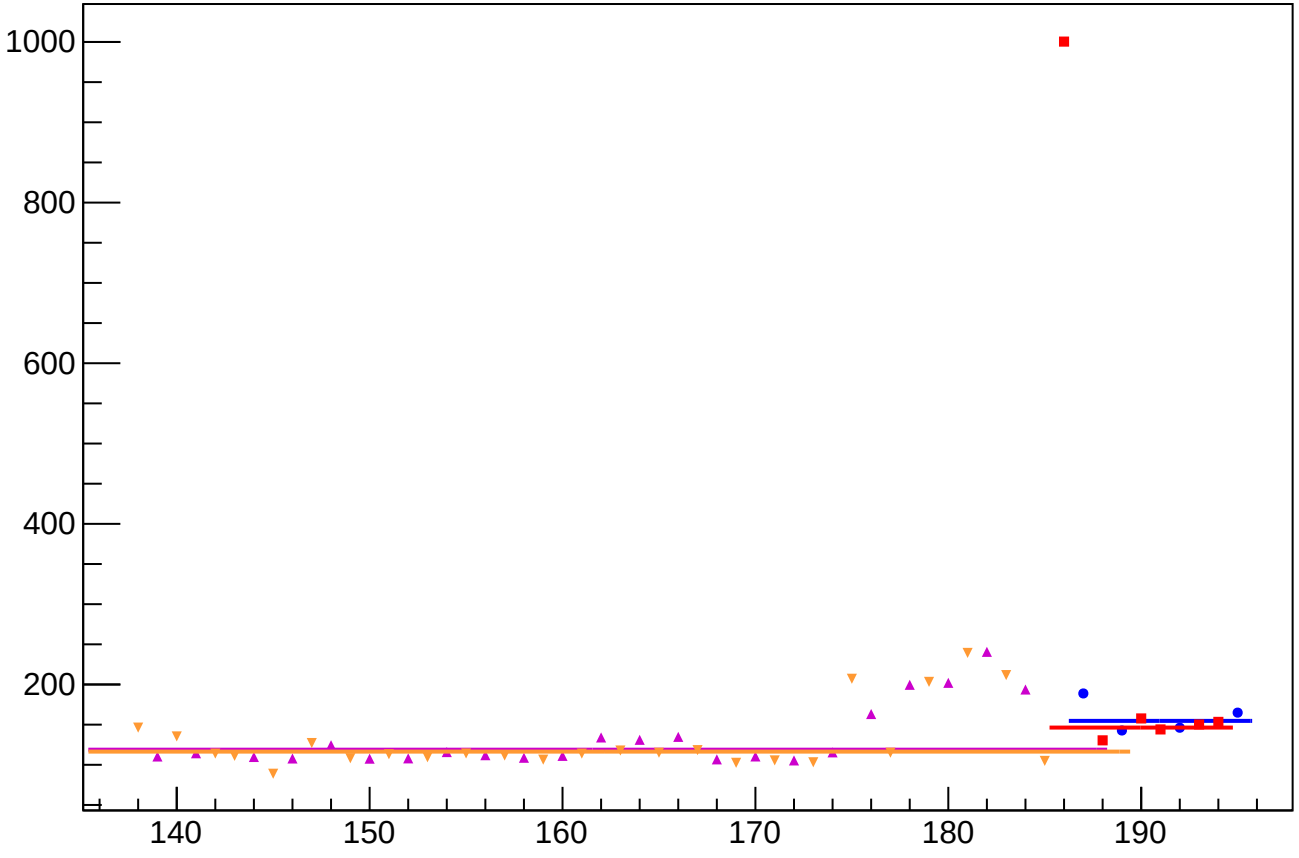
Right: 62.547+/-66.940 χ^2/NDF: 1.7/9

In: 56.900+/-28.268 χ^2/NDF:26.4/26

Out: 32.285+/-26.627 χ^2/NDF:24.0/30

All: 43.857+/-19.382 χ^2/NDF: 50.8/57

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 154.687+/-0.080 χ^2/NDF: 25540.7/3

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 146.352+/-0.059 χ^2/NDF: 578081.6/5

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

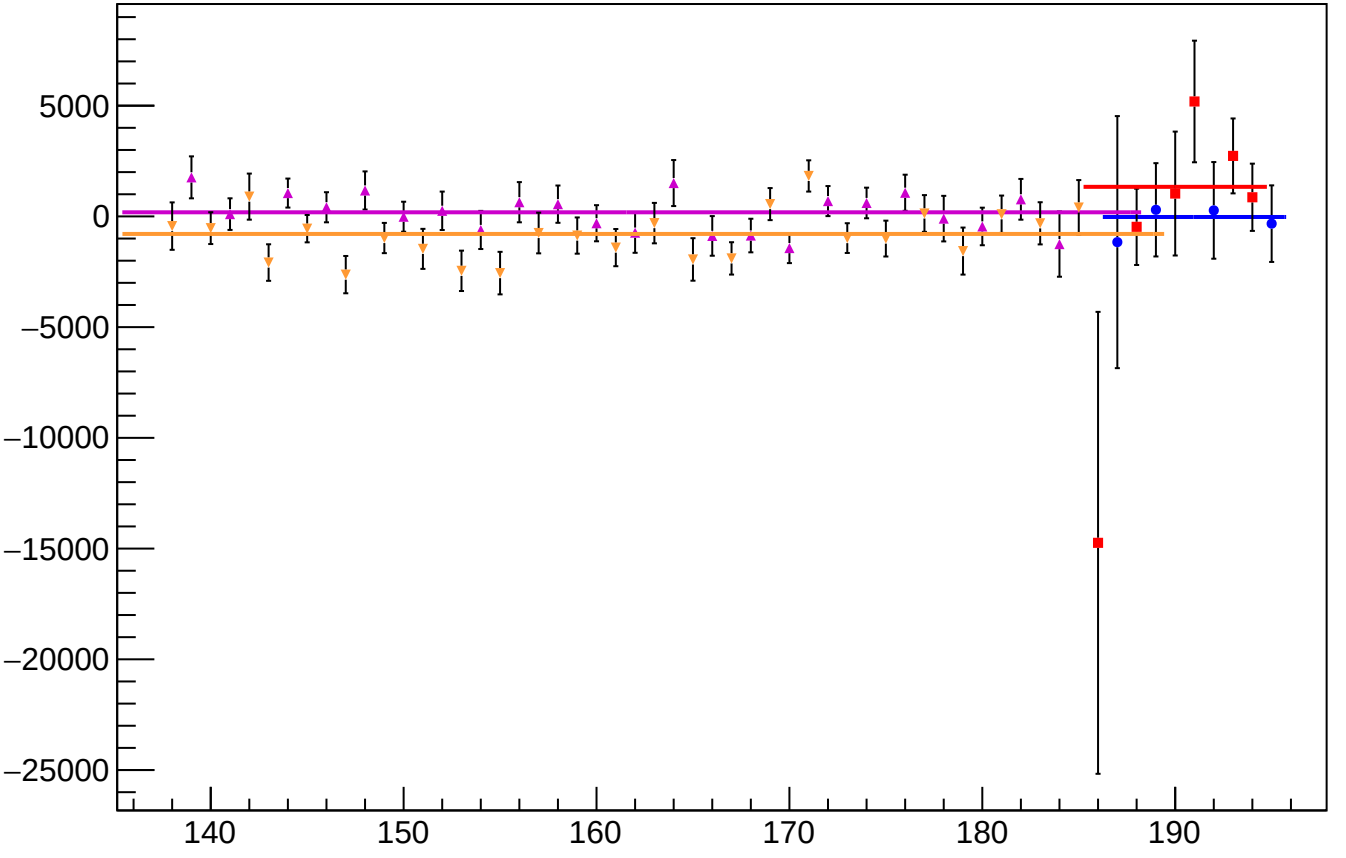
Right: 149.239+/-0.047 χ^2/NDF: 610642.1/9

In: 121.037+/-0.020 χ^2/NDF:1501298.4/26

Out: 119.522+/-0.019 χ^2/NDF:2401979.2/30

All: 120.234+/-0.014 χ^2/NDF: 3906322.3/57

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -26.476+/-1117.479 χ^2/NDF: 0.1/3

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 1335.205+/-848.243 χ^2/NDF: 6.2/5

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

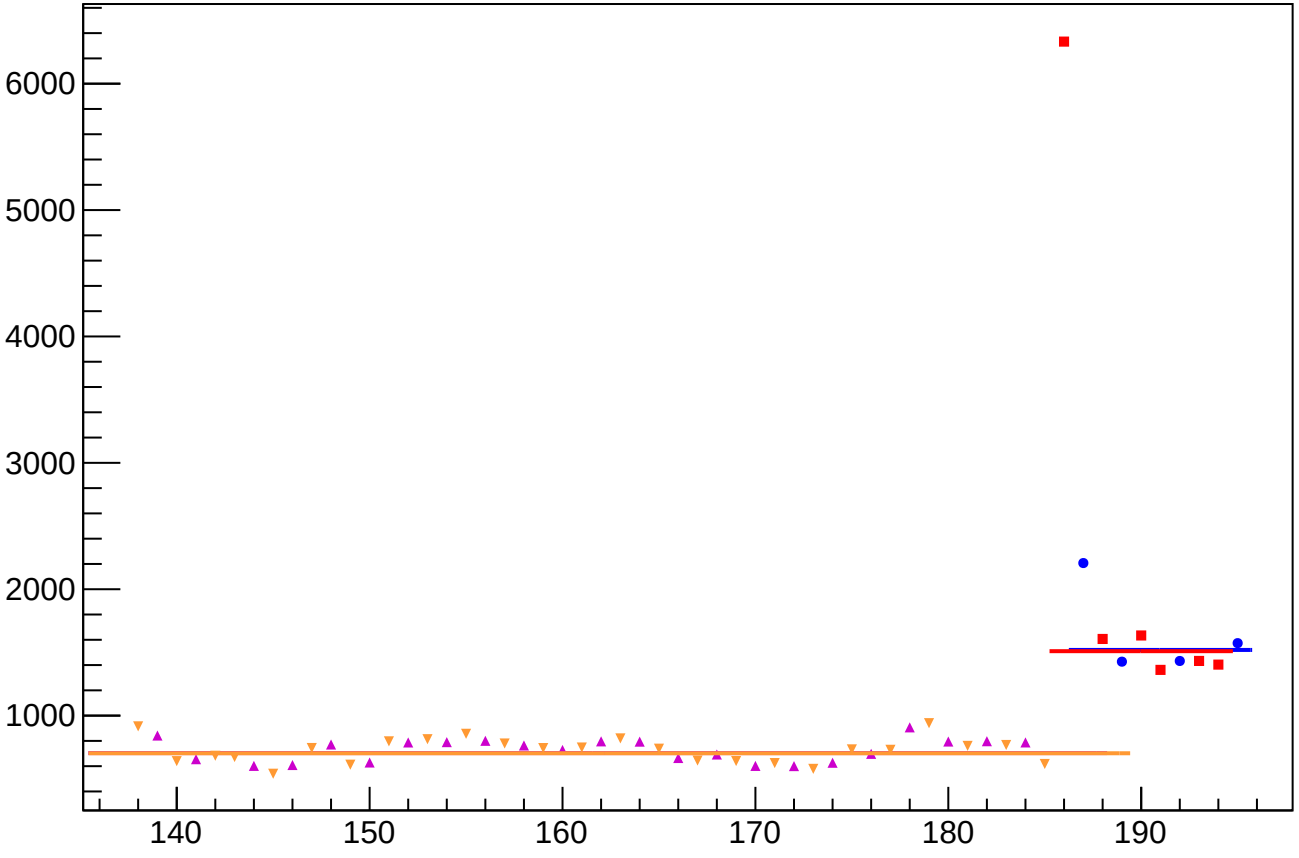
Right: 837.433+/-675.642 χ^2/NDF: 7.3/9

In: 180.448+/-167.268 χ^2/NDF:23.6/26

Out: -713.528+/-162.882 χ^2/NDF:55.9/30

All: -278.415+/-116.695 χ^2/NDF: 94.1/57

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1519.688+/-0.790 χ^2/NDF: 38195.9/3

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1509.917+/-0.600 χ^2/NDF: 457715.2/5

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

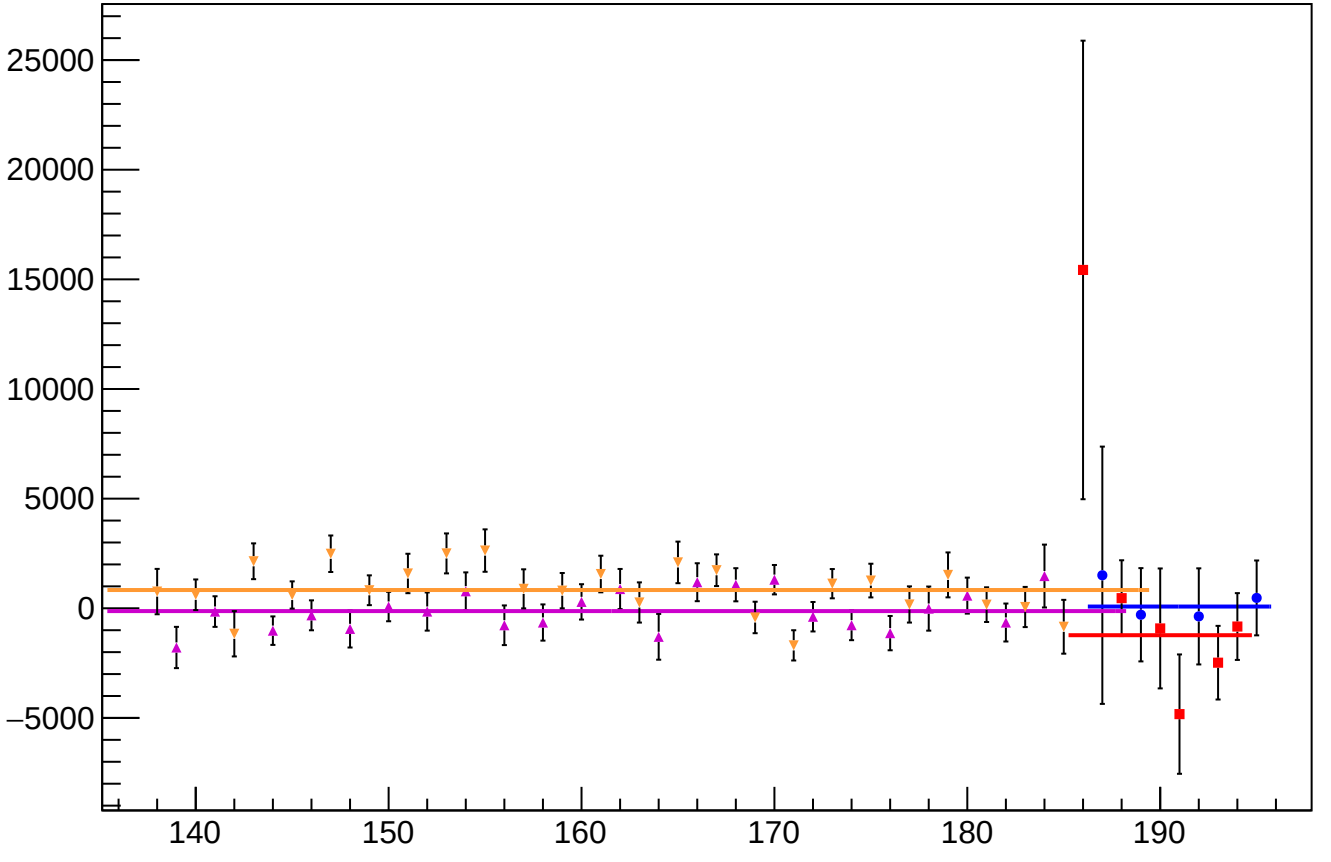
Right: 1513.489+/-0.478 χ^2/NDF: 496008.1/9

In: 721.992+/-0.118 χ^2/NDF:1614248.4/26

Out: 731.936+/-0.115 χ^2/NDF:2896066.5/30

All: 727.096+/-0.083 χ^2/NDF: 4513943.4/57

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.356+/-1116.986 χ^2/NDF: 0.2/3

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -1227.721+/-845.558 χ^2/NDF: 5.9/5

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

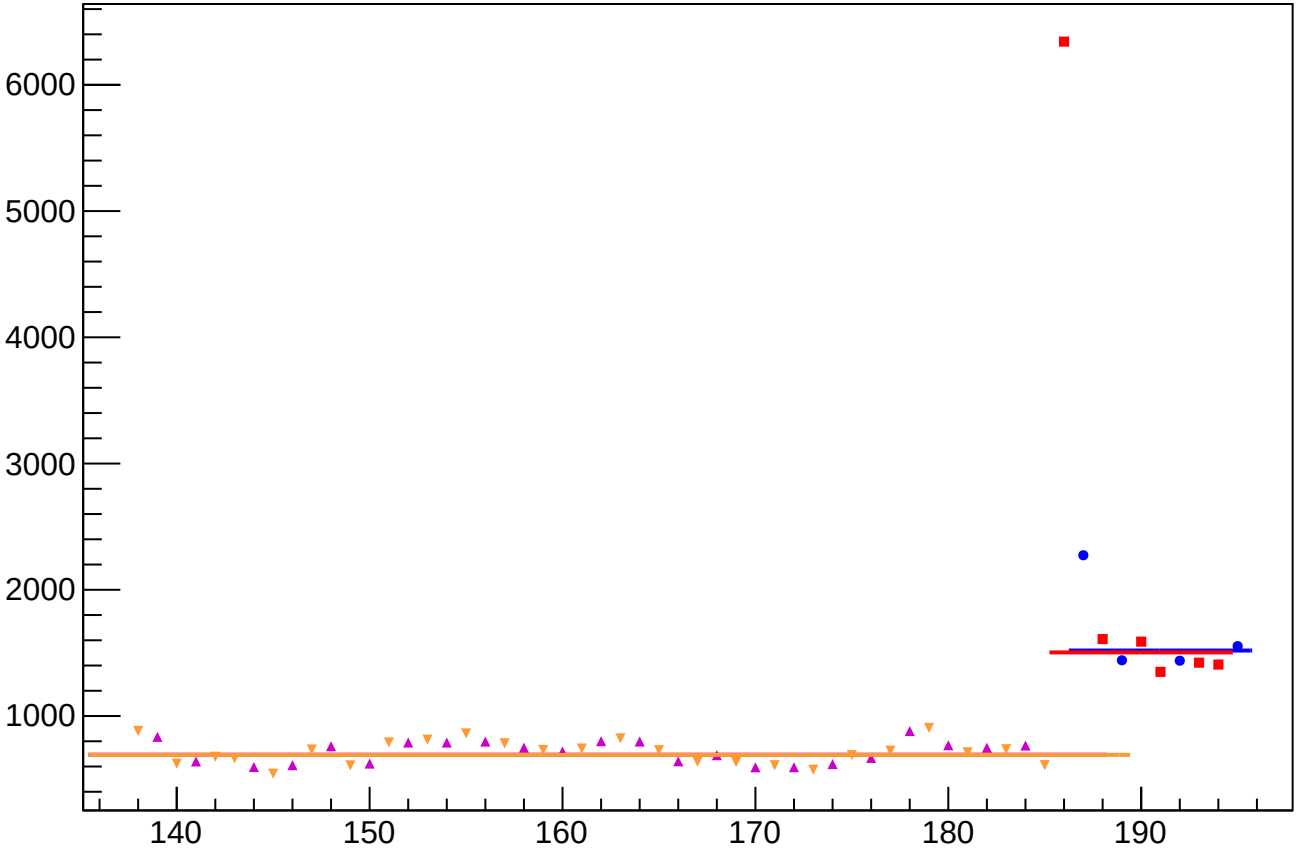
Right: -751.564+/-674.174 χ^2/NDF: 6.9/9

In: -123.591+/-165.034 χ^2/NDF:25.5/26

Out: 758.360+/-160.458 χ^2/NDF:55.4/30

All: 329.781+/-115.045 χ^2/NDF: 95.6/57

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 1518.872+/-0.790 χ^2/NDF: 39265.2/3

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1503.855+/-0.598 χ^2/NDF: 456878.2/5

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

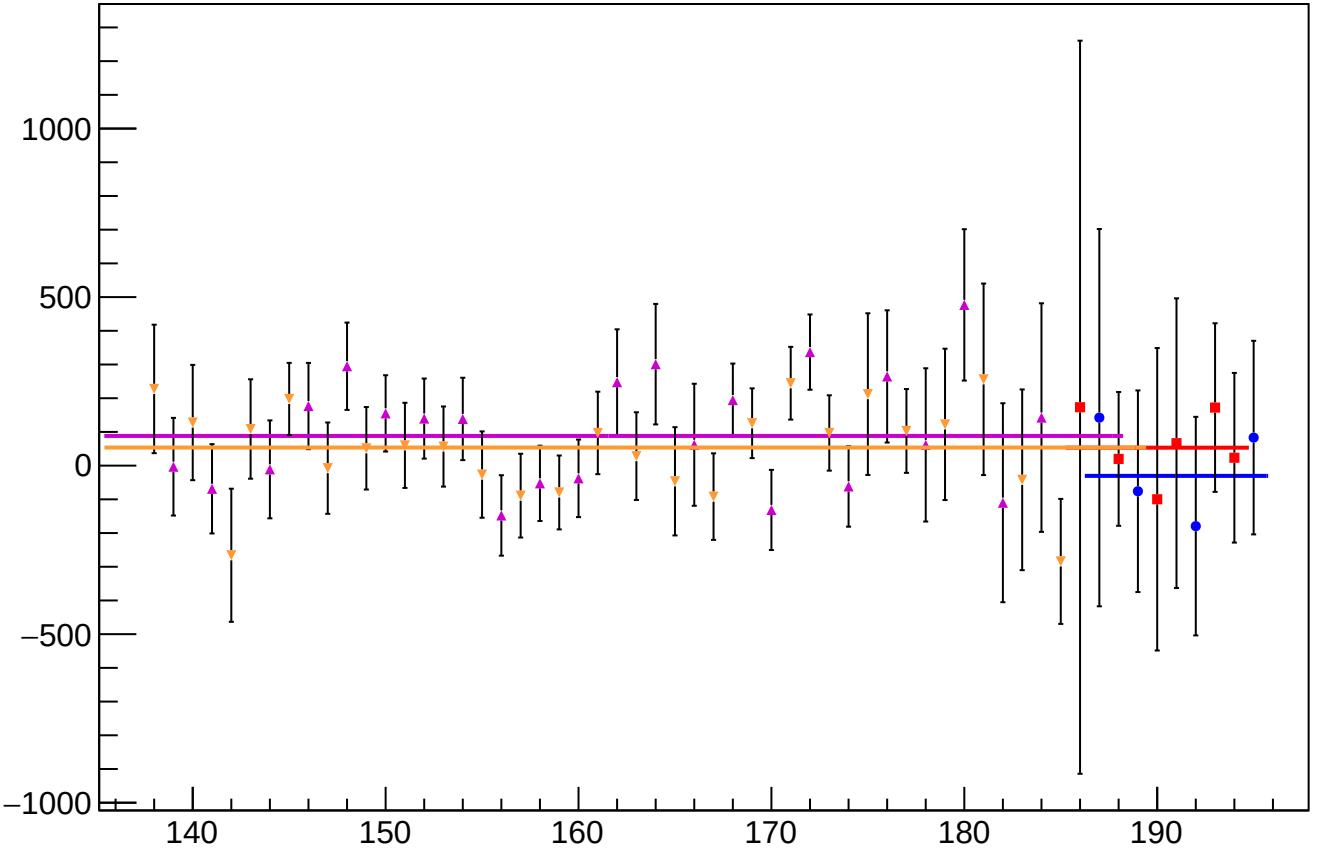
Right: 1509.326+/-0.477 χ^2/NDF: 496373.2/9

In: 711.631+/-0.117 χ^2/NDF:1627847.4/26

Out: 721.304+/-0.113 χ^2/NDF:2891554.9/30

All: 716.603+/-0.081 χ^2/NDF: 4522934.5/57

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -30.373+/-166.643 χ^2/NDF: 0.5/3

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 53.238+/-120.918 χ^2/NDF: 0.4/5

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

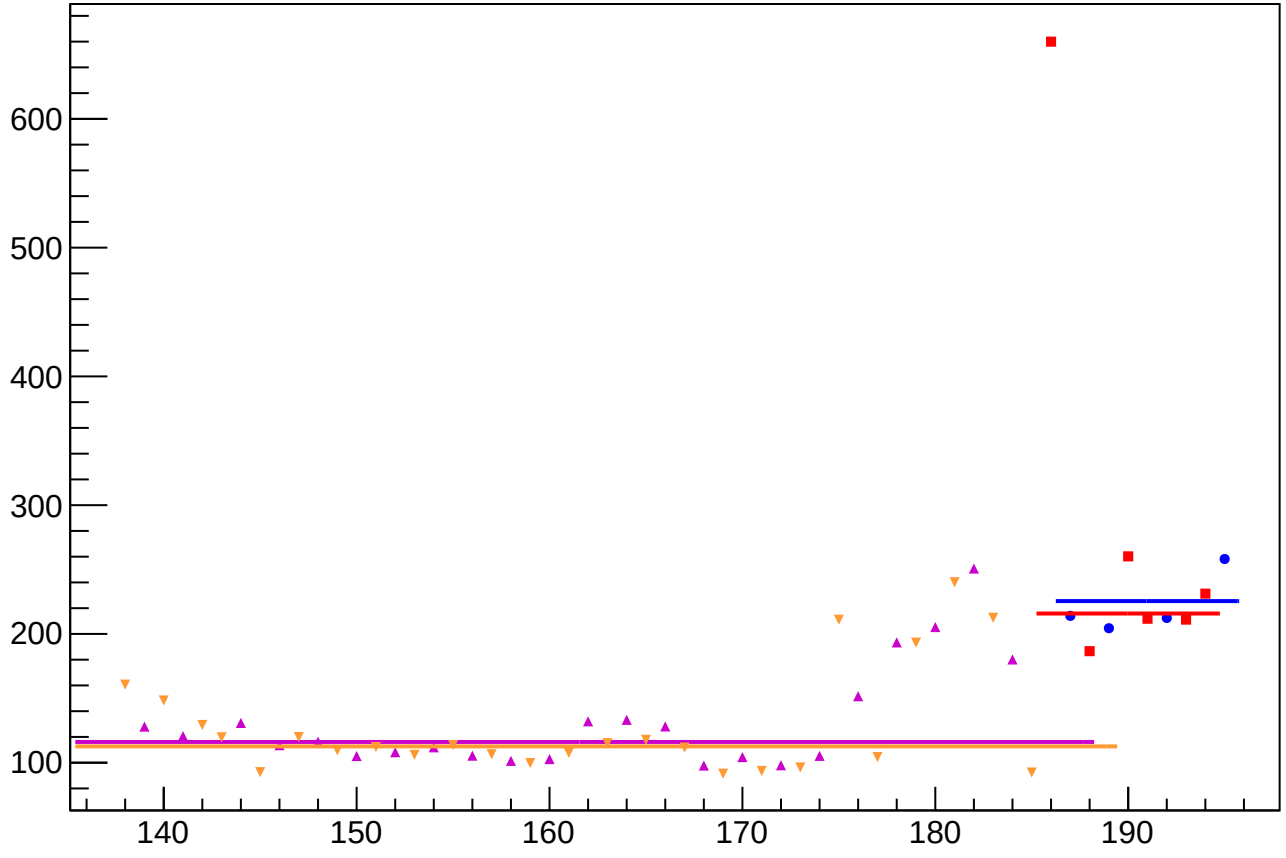
Right: 24.400+/-97.868 χ^2/NDF: 1.0/9

In: 84.658+/-28.344 χ^2/NDF:31.3/26

Out: 53.678+/-26.780 χ^2/NDF:19.6/30

All: 68.289+/-19.466 χ^2/NDF: 51.6/57

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 225.497+/-0.118 χ^2/NDF: 39926.6/3

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 215.844+/-0.086 χ^2/NDF: 404943.1/5

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

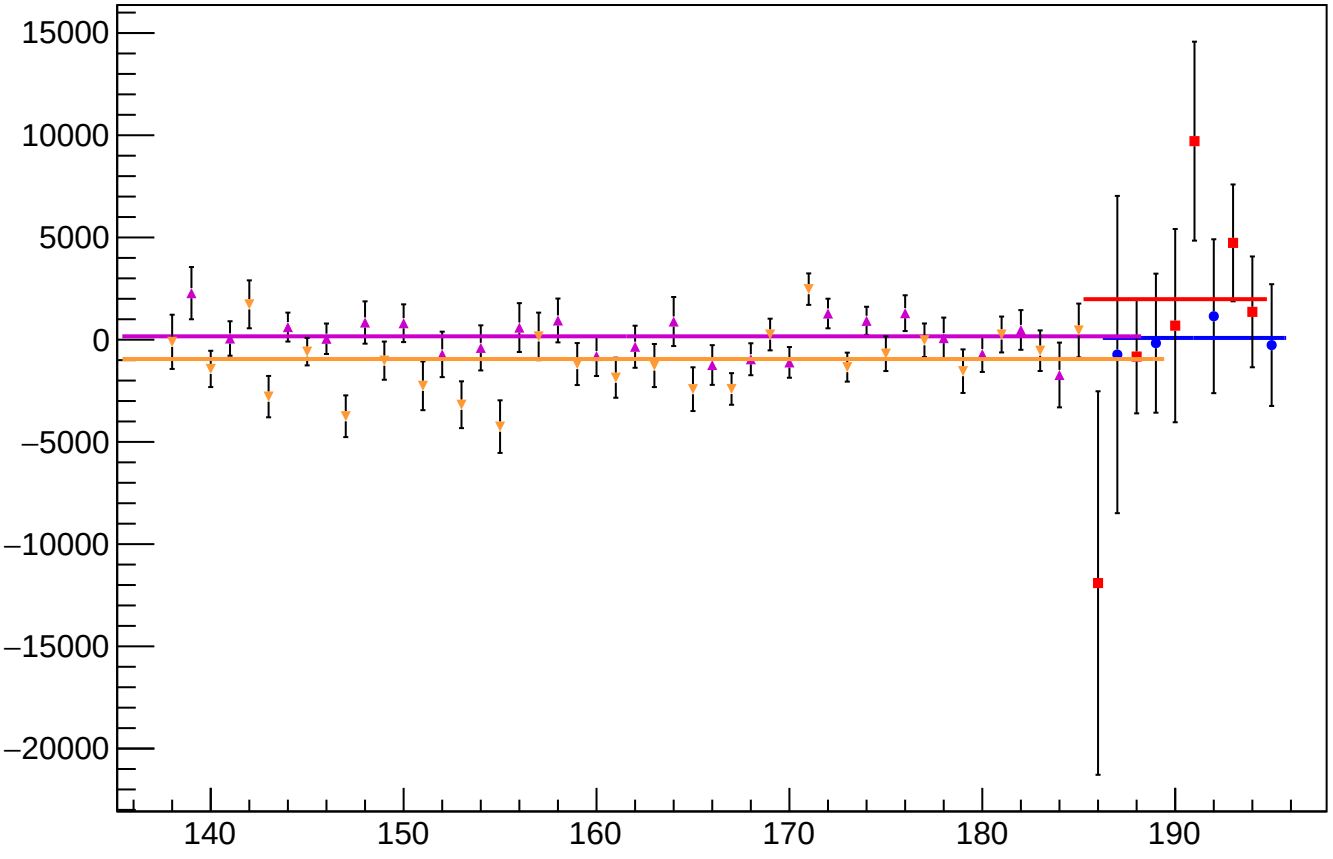
Right: 219.174+/-0.069 χ^2/NDF: 449265.9/9

In: 119.272+/-0.020 χ^2/NDF:2315673.8/26

Out: 117.729+/-0.019 χ^2/NDF:3641127.1/30

All: 118.457+/-0.014 χ^2/NDF: 5959935.0/57

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 85.574+/-1868.544 χ^2/NDF: 0.1/3

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 1981.828+/-1433.926 χ^2/NDF: 6.8/5

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

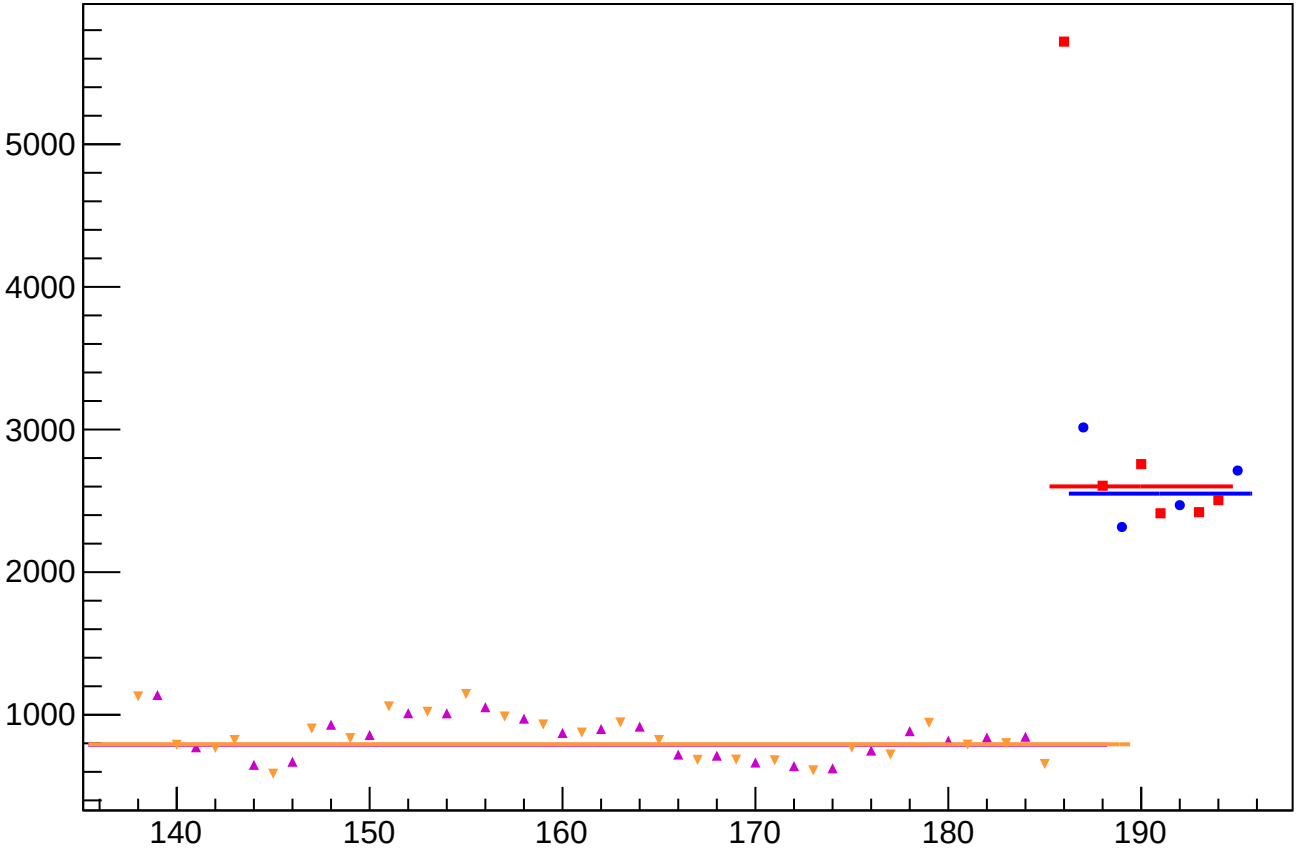
Right: 1279.007+/-1137.569 χ^2/NDF: 7.5/9

In: 163.387+/-190.139 χ^2/NDF:22.2/26

Out: -896.582+/-187.056 χ^2/NDF:74.2/30

All: -375.259+/-133.345 χ^2/NDF: 112.1/57

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2550.651+/-1.321 χ^2/NDF: 23436.5/3

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2601.111+/-1.014 χ^2/NDF: 236743.5/5

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

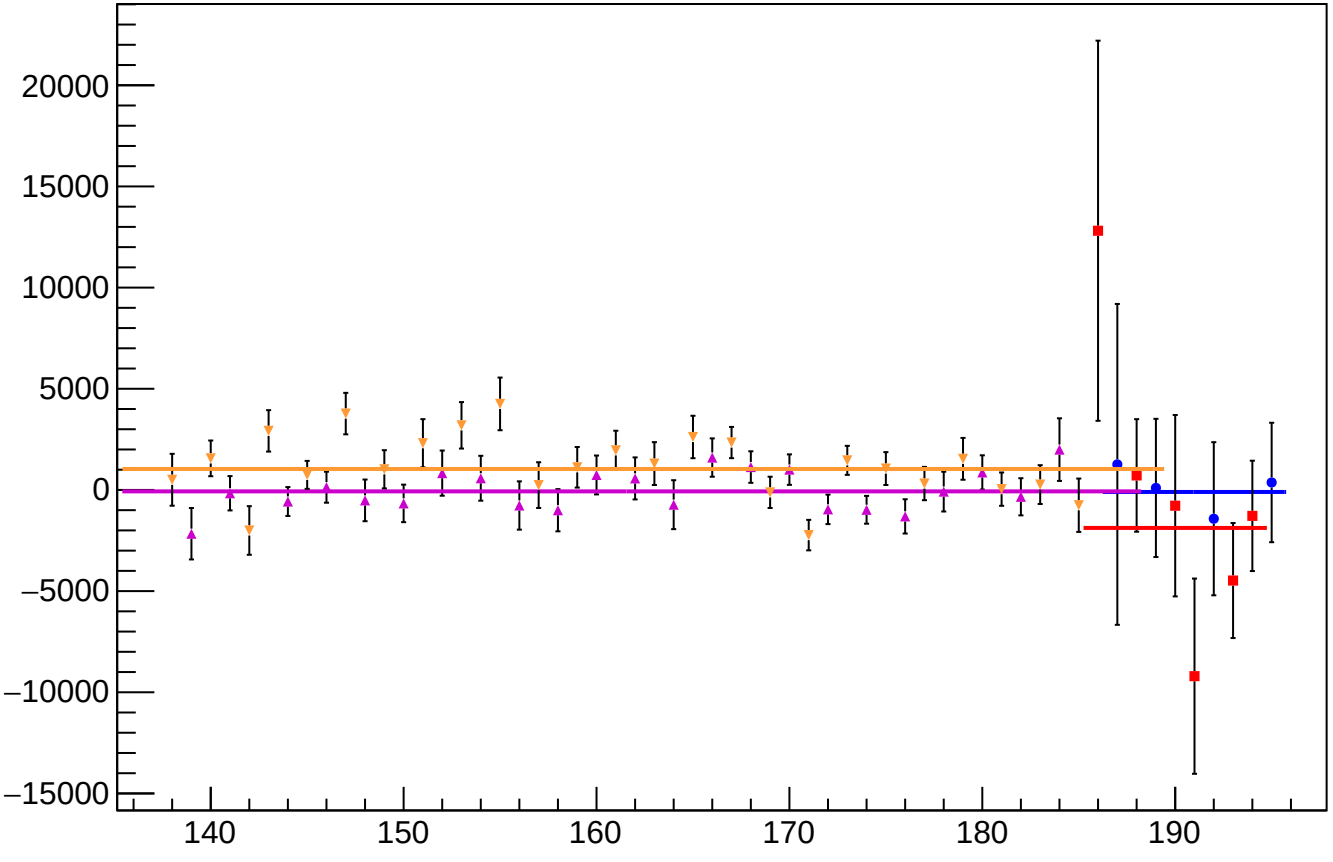
Right: 2582.409+/-0.804 χ^2/NDF: 261097.9/9

In: 807.933+/-0.134 χ^2/NDF:2801310.7/26

Out: 823.921+/-0.132 χ^2/NDF:4520946.8/30

All: 816.058+/-0.094 χ^2/NDF: 7329443.5/57

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -99.833+/-1869.069 χ^2/NDF: 0.2/3

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -1877.447+/-1426.203 χ^2/NDF: 6.6/5

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

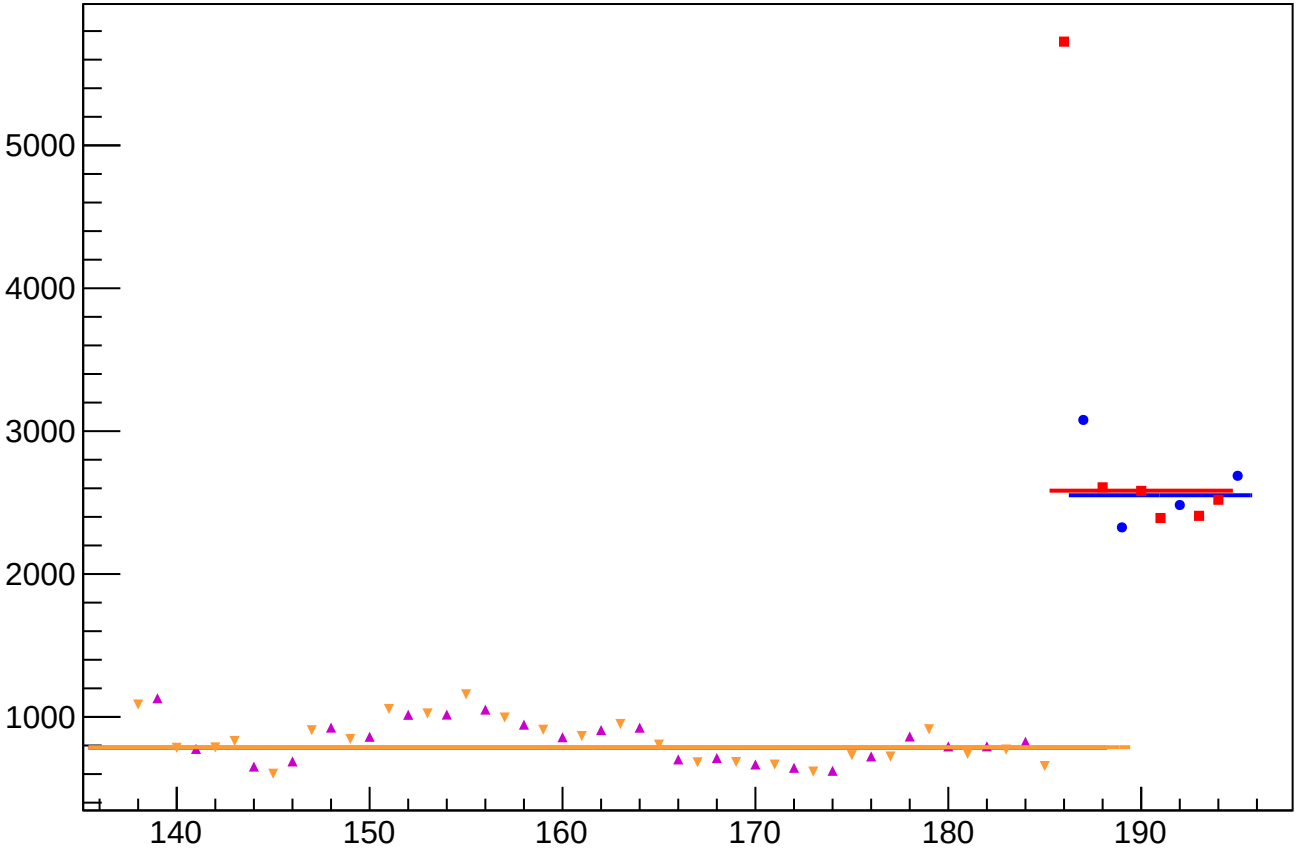
Right: -1223.303+/-1133.818 χ^2/NDF: 7.3/9

In: -71.148+/-189.179 χ^2/NDF:23.6/26

Out: 986.244+/-185.650 χ^2/NDF:72.0/30

All: 467.501+/-132.505 χ^2/NDF: 111.5/57

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2551.299+/-1.322 χ^2/NDF: 22417.9/3

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2583.493+/-1.008 χ^2/NDF: 235906.0/5

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

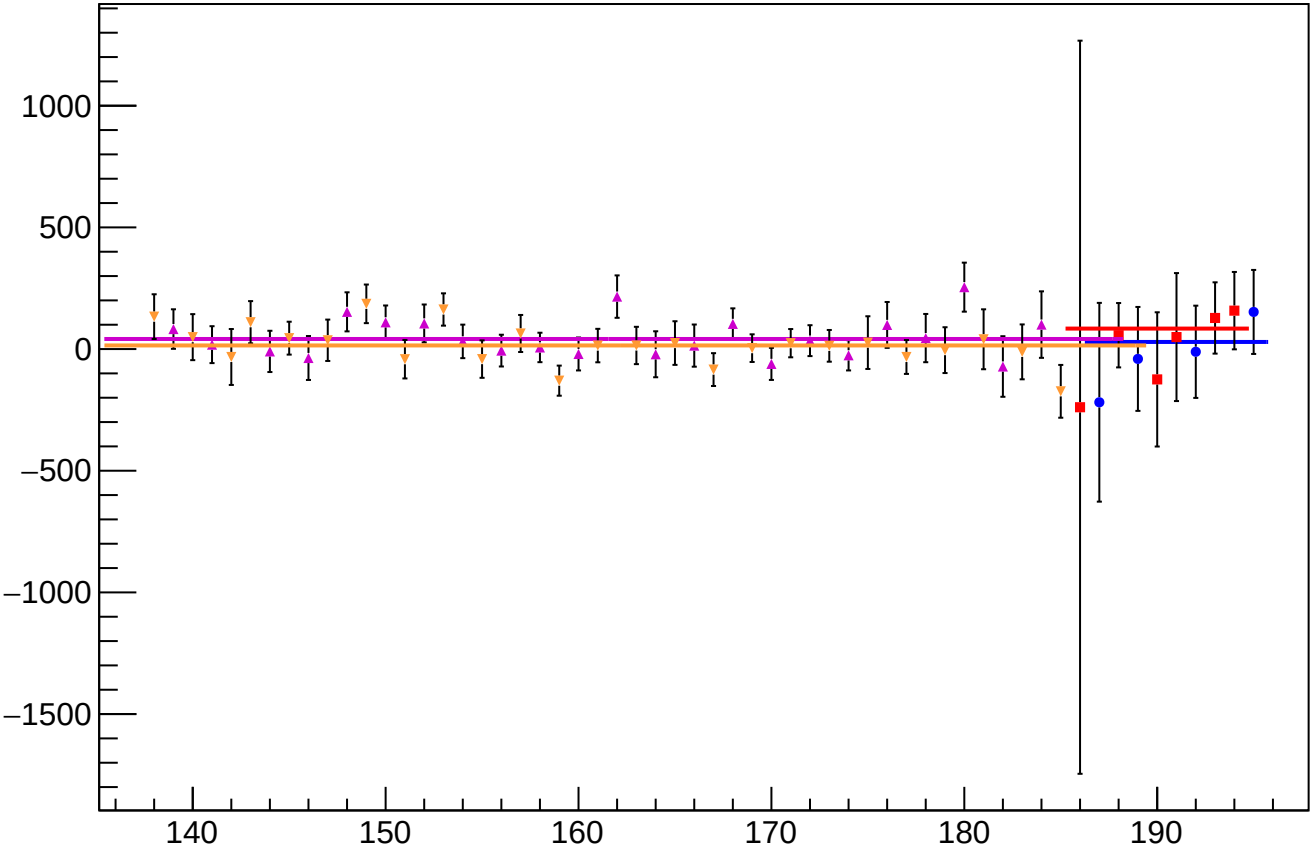
Right: 2571.646+/-0.802 χ^2/NDF: 258698.9/9

In: 803.272+/-0.134 χ^2/NDF:2766812.7/26

Out: 818.405+/-0.131 χ^2/NDF:4466065.1/30

All: 810.981+/-0.094 χ^2/NDF: 7239397.2/57

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 29.216+/-105.816 χ^2/NDF: 1.0/3

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: 84.146+/-76.389 χ^2/NDF: 1.0/5

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

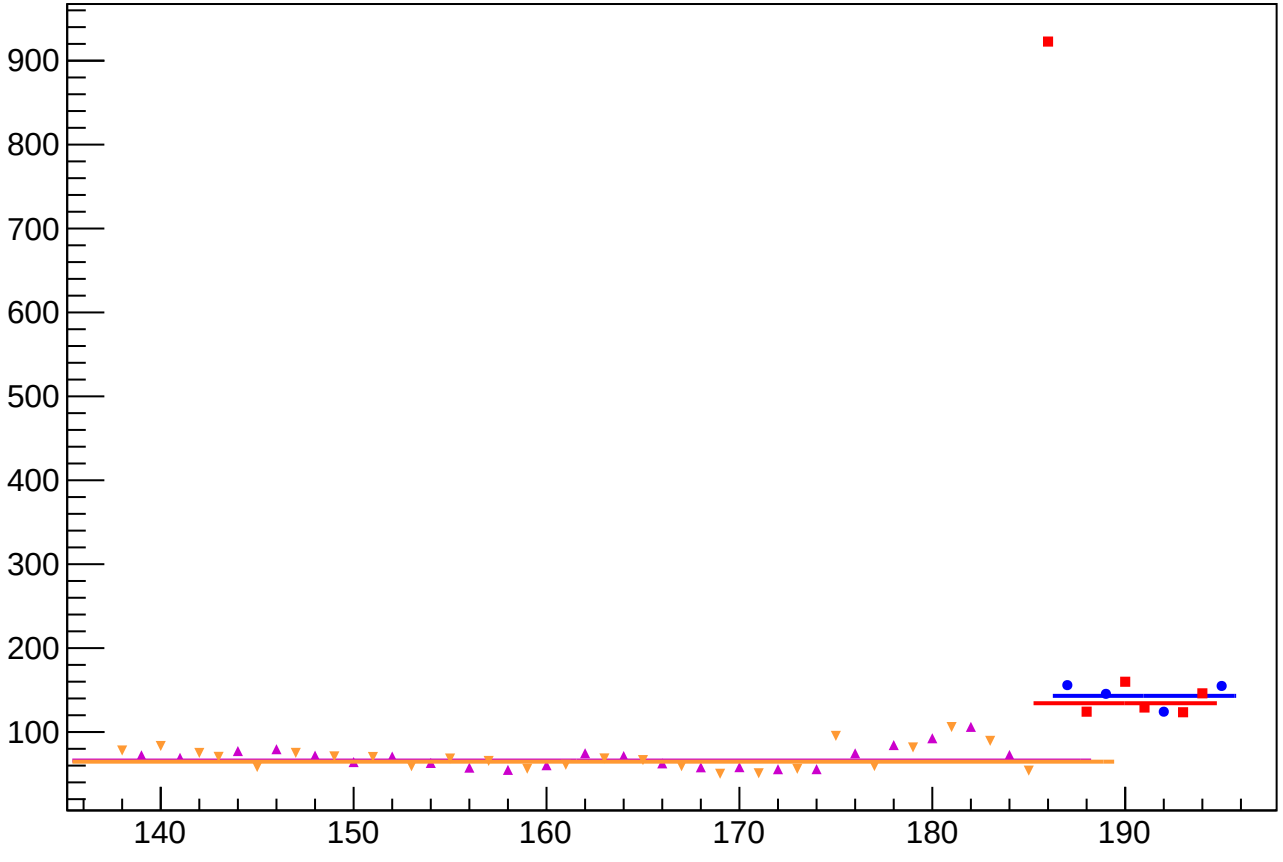
Right: 65.327+/-61.936 χ^2/NDF: 2.2/9

In: 41.151+/-15.946 χ^2/NDF:22.7/26

Out: 17.628+/-15.218 χ^2/NDF:27.6/30

All: 28.840+/-11.009 χ^2/NDF: 51.5/57

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 143.102+/-0.075 χ^2/NDF: 31405.6/3

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 134.312+/-0.054 χ^2/NDF: 599292.3/5

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

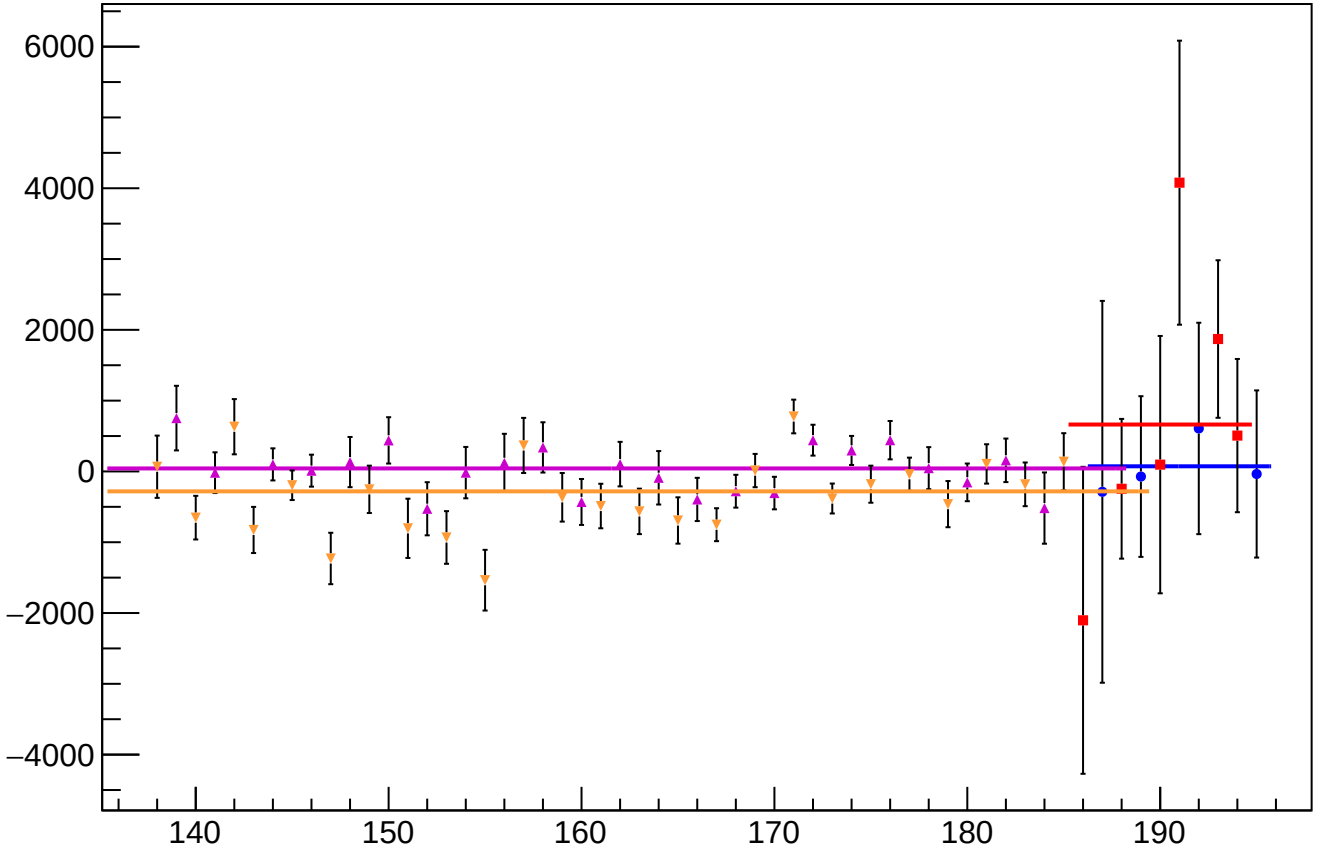
Right: 137.323+/-0.044 χ^2/NDF: 639771.5/9

In: 67.766+/-0.011 χ^2/NDF:1937147.2/26

Out: 67.443+/-0.011 χ^2/NDF:3345549.0/30

All: 67.597+/-0.008 χ^2/NDF: 5283126.3/57

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 72.490+/-693.384 χ^2/NDF: 0.2/3

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 662.490+/-538.226 χ^2/NDF: 6.7/5

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

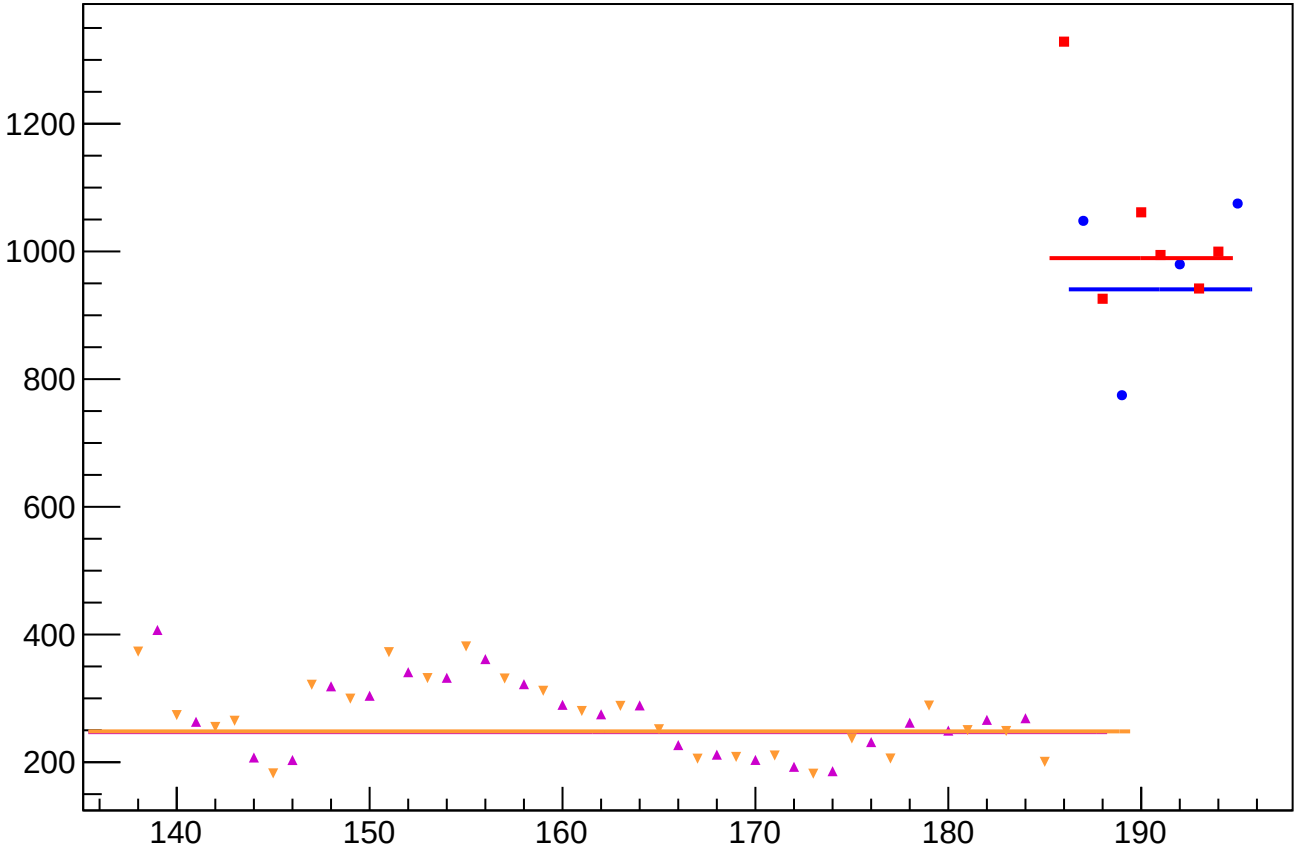
Right: 440.657+/-425.169 χ^2/NDF: 7.3/9

In: 42.594+/-60.057 χ^2/NDF:24.9/26

Out: -269.998+/-59.173 χ^2/NDF:76.2/30

All: -116.021+/-42.151 χ^2/NDF: 114.8/57

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 940.630+/-0.490 χ^2/NDF: 73161.7/3

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 989.529+/-0.381 χ^2/NDF: 64187.4/5

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

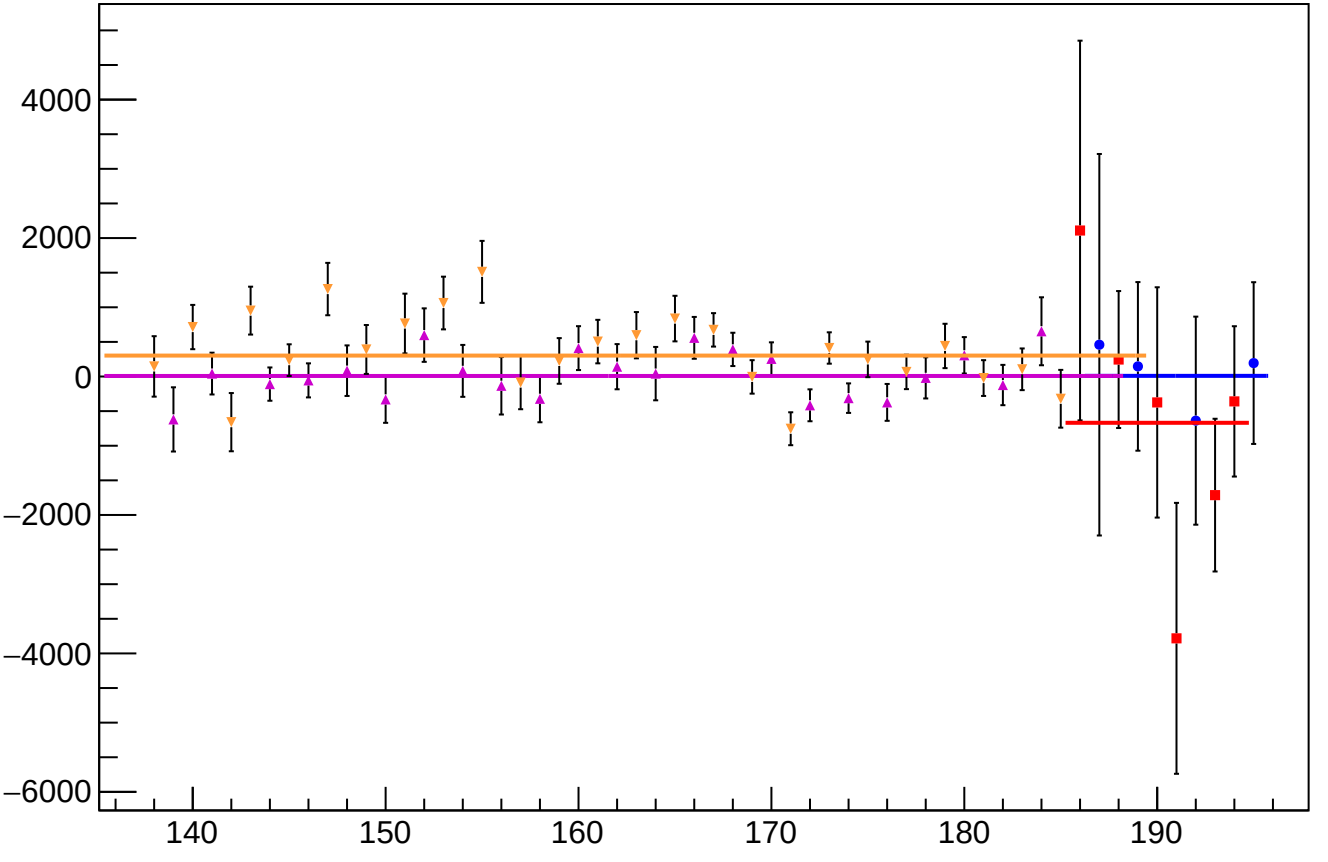
Right: 971.143+/-0.301 χ^2/NDF: 143555.9/9

In: 252.308+/-0.042 χ^2/NDF:3598291.1/26

Out: 257.256+/-0.042 χ^2/NDF:5499261.3/30

All: 254.819+/-0.030 χ^2/NDF: 9104439.5/57

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 9.538+/-710.395 χ^2/NDF: 0.2/3

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -668.638+/-538.589 χ^2/NDF: 5.4/5

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

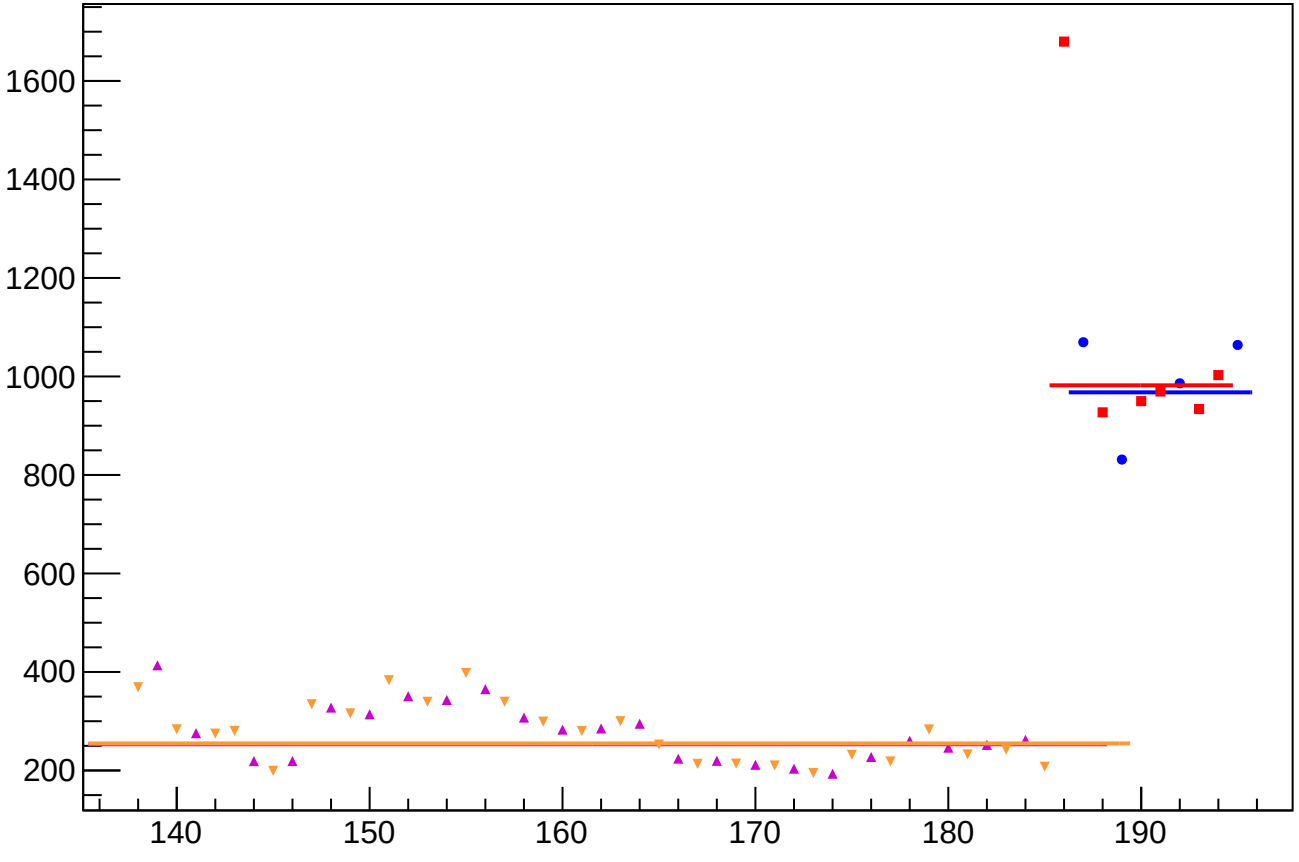
Right: -421.104+/-429.186 χ^2/NDF: 6.2/9

In: 7.927+/-61.494 χ^2/NDF:26.5/26

Out: 290.125+/-60.603 χ^2/NDF:72.5/30

All: 151.084+/-43.164 χ^2/NDF: 109.7/57

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 967.728+/-0.502 χ^2/NDF: 41713.2/3

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 981.986+/-0.381 χ^2/NDF: 141017.1/5

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

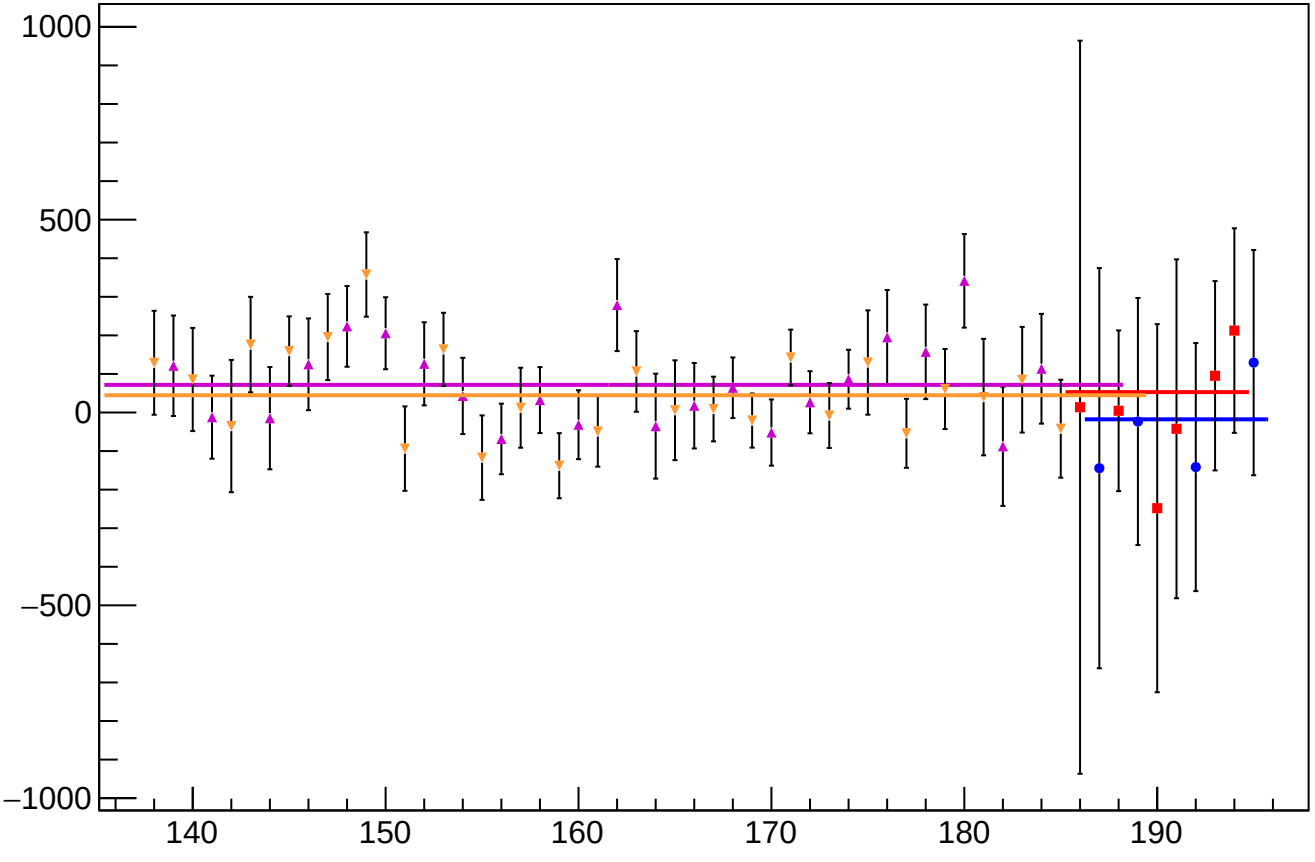
Right: 976.782+/-0.303 χ^2/NDF: 183241.9/9

In: 258.524+/-0.043 χ^2/NDF:3416588.3/26

Out: 264.143+/-0.043 χ^2/NDF:5281109.6/30

All: 261.375+/-0.031 χ^2/NDF: 8706167.1/57

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -17.678+/-169.404 χ^2/NDF: 0.5/3

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 52.903+/-124.496 χ^2/NDF: 0.9/5

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

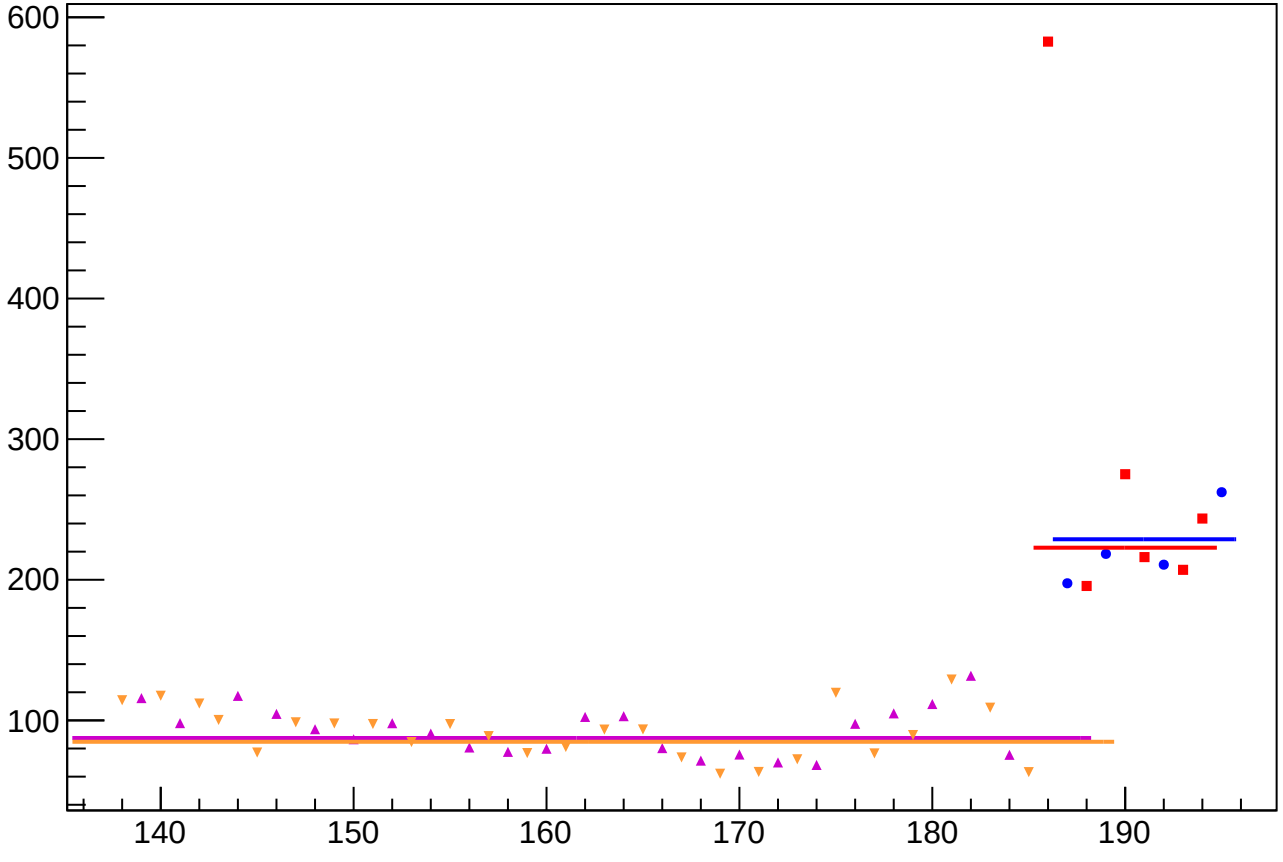
Right: 28.151+/-100.319 χ^2/NDF: 1.5/9

In: 70.209+/-21.298 χ^2/NDF:24.4/26

Out: 44.960+/-20.189 χ^2/NDF:31.4/30

All: 56.910+/-14.652 χ^2/NDF: 56.6/57

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 228.805+/-0.120 χ^2/NDF: 41947.5/3

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 222.811+/-0.088 χ^2/NDF: 365720.9/5

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

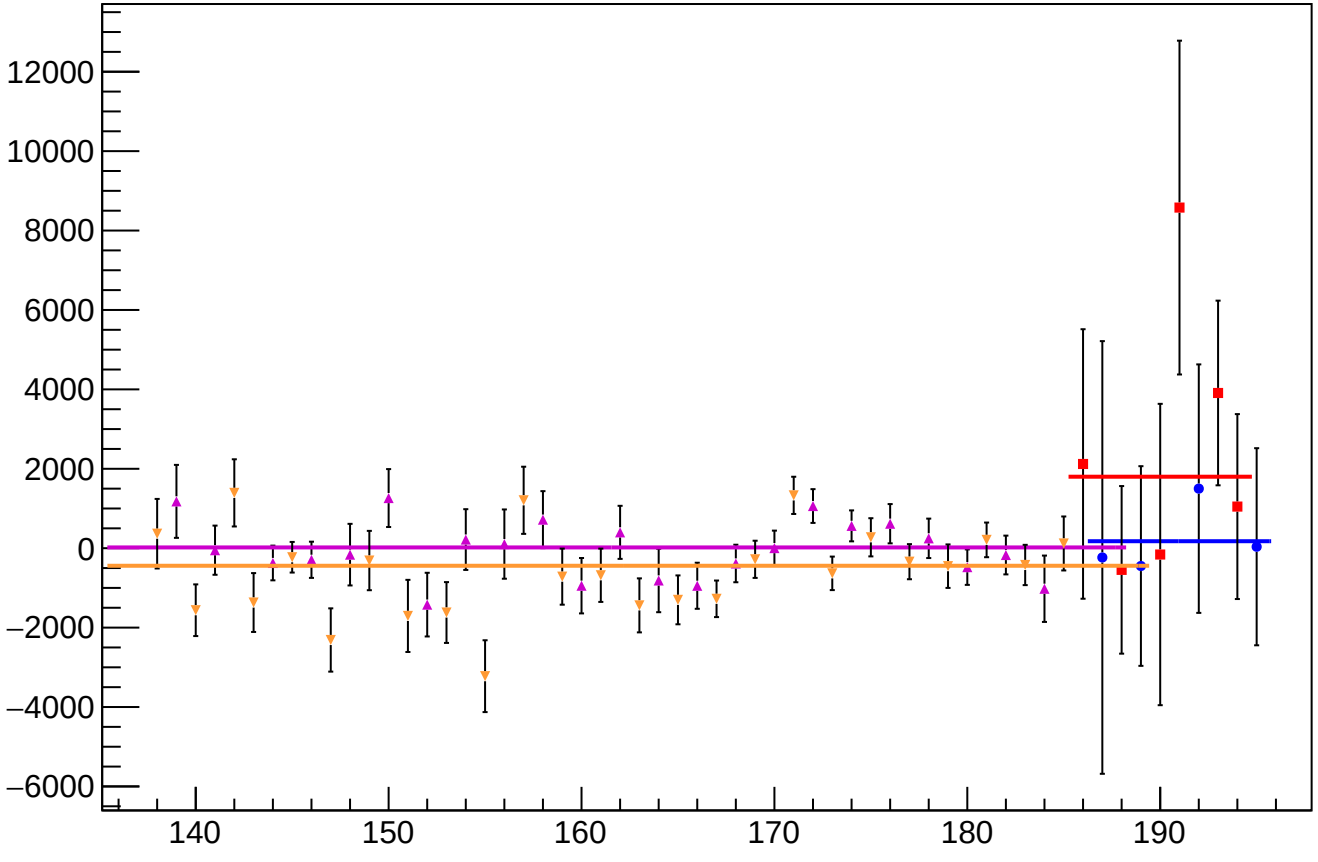
Right: 224.913+/-0.071 χ^2/NDF: 409294.1/9

In: 89.711+/-0.015 χ^2/NDF:2468399.6/26

Out: 88.422+/-0.014 χ^2/NDF:4142015.0/30

All: 89.032+/-0.010 χ^2/NDF: 6614273.5/57

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 175.951+/-1480.337 χ^2/NDF: 0.2/3

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 1800.369+/-1113.380 χ^2/NDF: 5.0/5

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

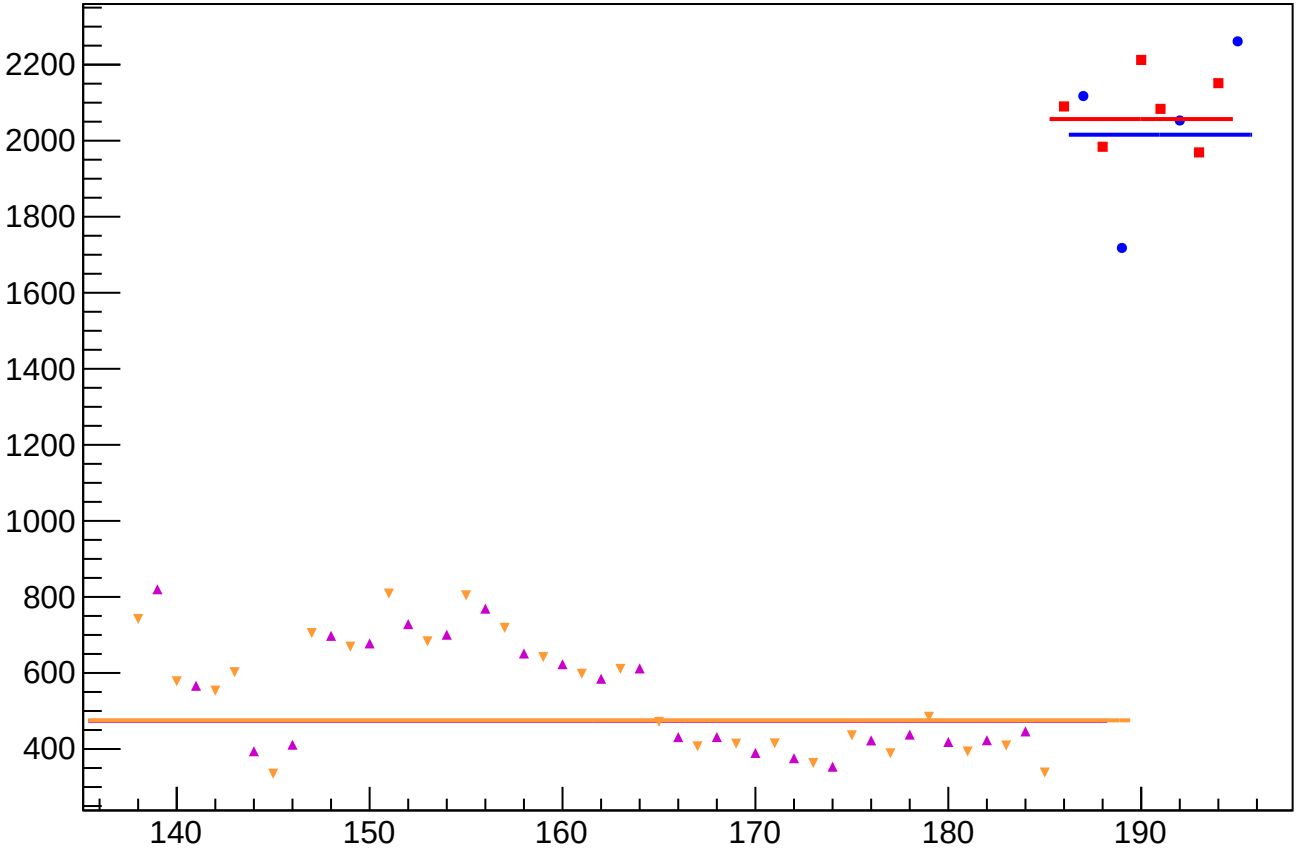
Right: 1213.471+/-889.801 χ^2/NDF: 6.1/9

In: 20.291+/-116.458 χ^2/NDF:29.7/26

Out: -418.437+/-114.810 χ^2/NDF:70.0/30

All: -202.201+/-81.759 χ^2/NDF: 106.9/57

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 2015.729+/-1.047 χ^2/NDF: 48625.9/3

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2056.932+/-0.787 χ^2/NDF: 12150.4/5

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

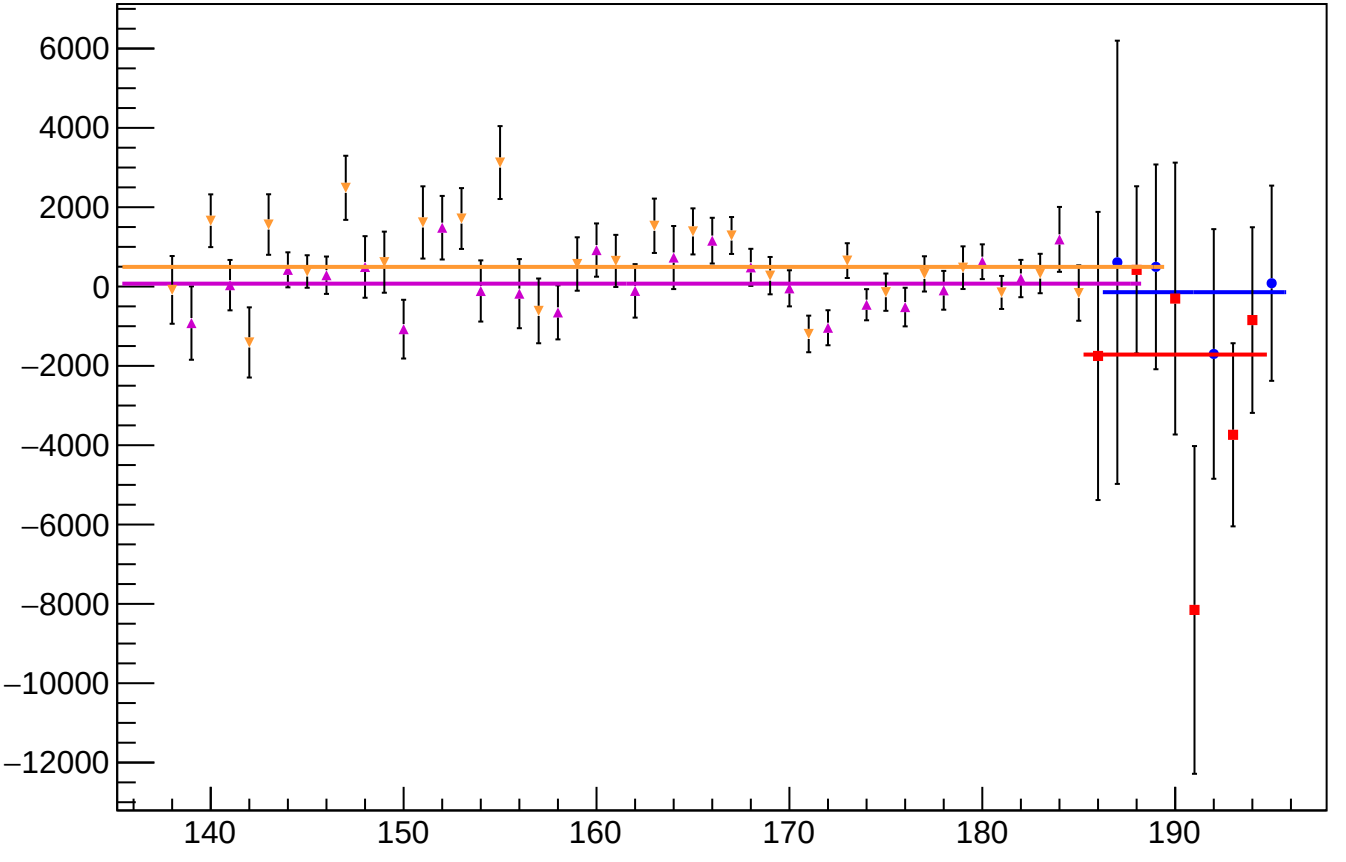
Right: 2042.045+/-0.629 χ^2/NDF: 61765.9/9

In: 483.489+/-0.082 χ^2/NDF:4379151.8/26

Out: 492.232+/-0.081 χ^2/NDF:6514382.9/30

All: 487.923+/-0.058 χ^2/NDF: 10899251.5/57

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -142.120+/-1493.570 χ^2/NDF: 0.3/3

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1714.807+/-1107.823 χ^2/NDF: 4.5/5

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

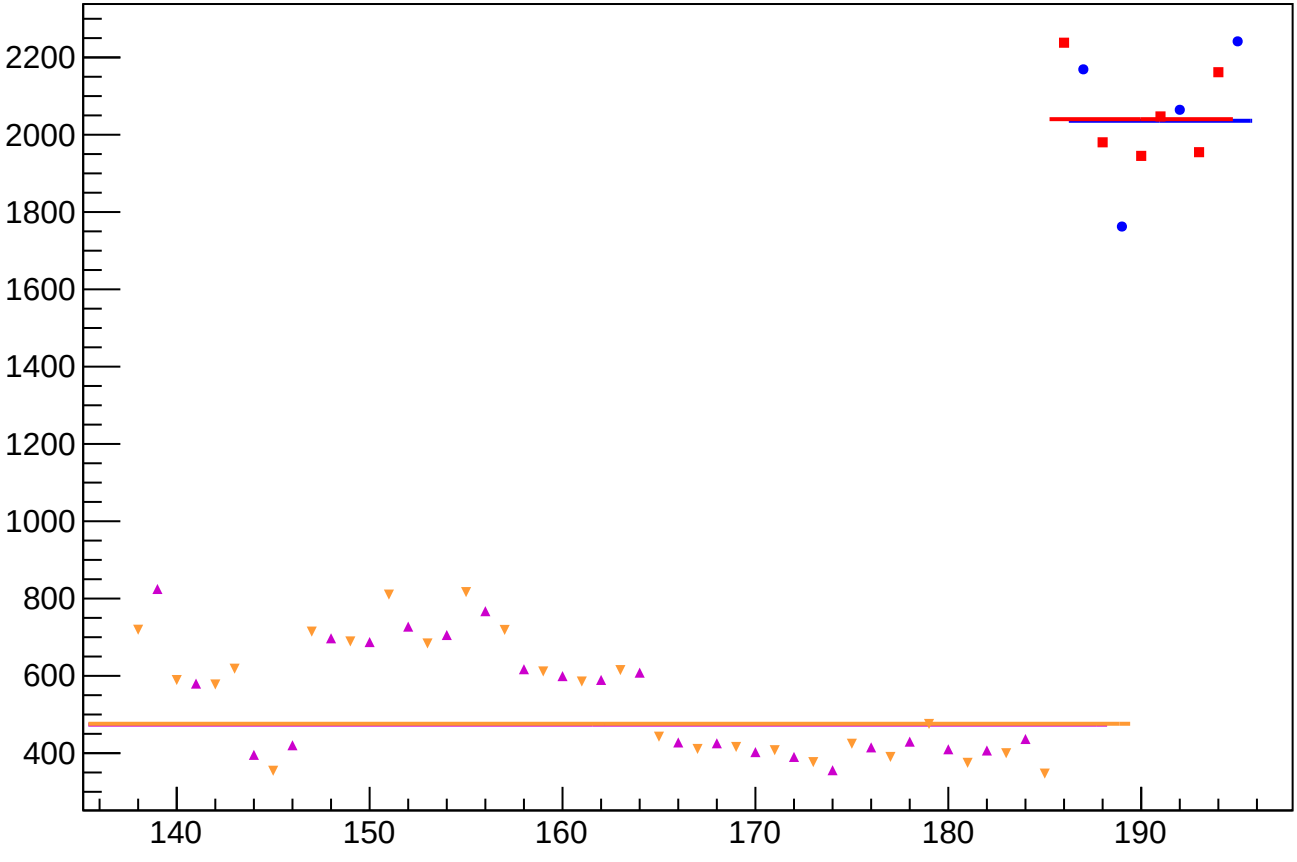
Right: -1156.652+/-889.779 χ^2/NDF: 5.6/9

In: 71.319+/-116.571 χ^2/NDF:29.4/26

Out: 471.486+/-114.898 χ^2/NDF:65.6/30

All: 274.293+/-81.830 χ^2/NDF: 101.0/57

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 2036.107+/-1.056 χ^2/NDF: 37725.9/3

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2040.279+/-0.783 χ^2/NDF: 17217.2/5

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

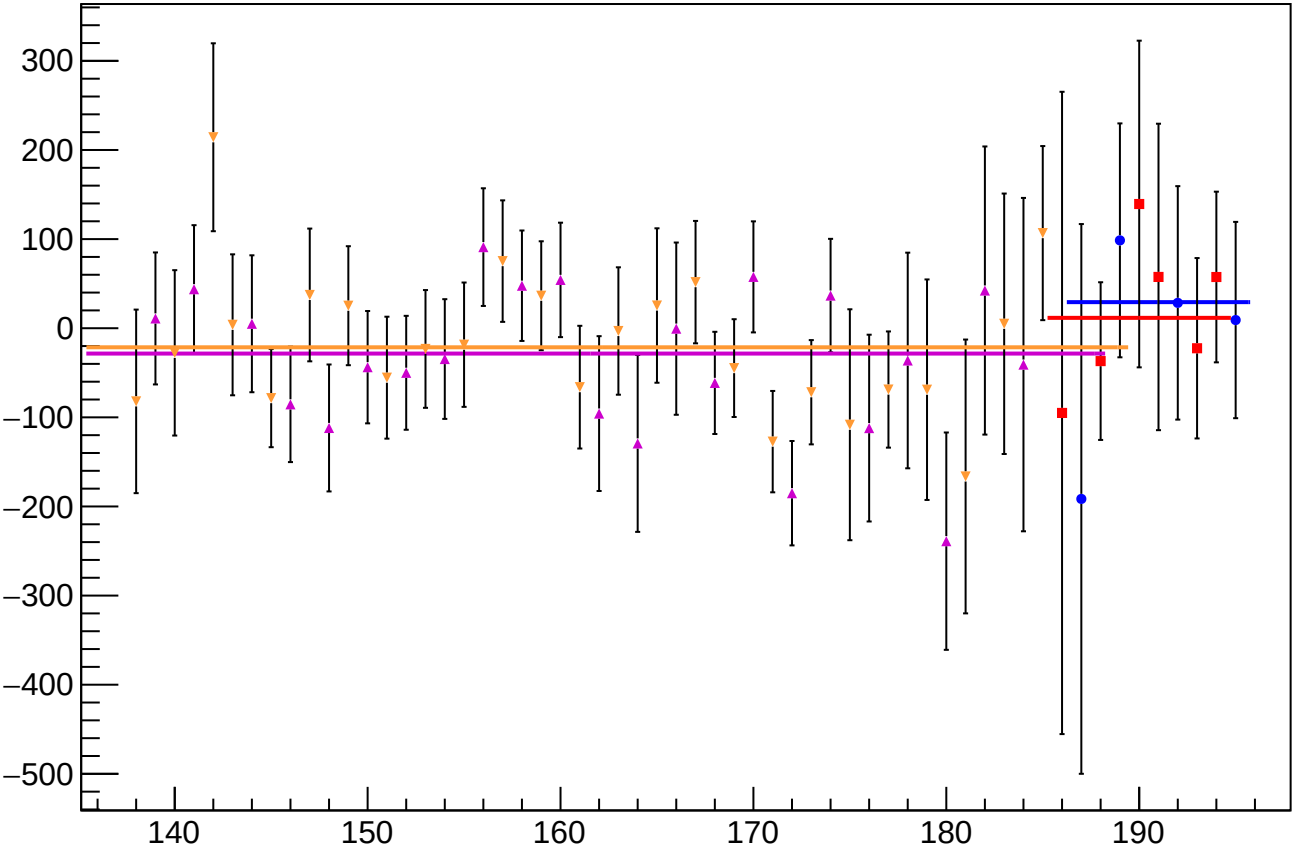
Right: 2038.798+/-0.629 χ^2/NDF: 54953.2/9

In: 483.340+/-0.082 χ^2/NDF:4326404.3/26

Out: 492.883+/-0.081 χ^2/NDF:6423535.5/30

All: 488.181+/-0.058 χ^2/NDF: 10756737.9/57

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 29.273+/-69.121 χ^2/NDF: 0.8/3

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: 11.644+/-49.645 χ^2/NDF: 1.3/5

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

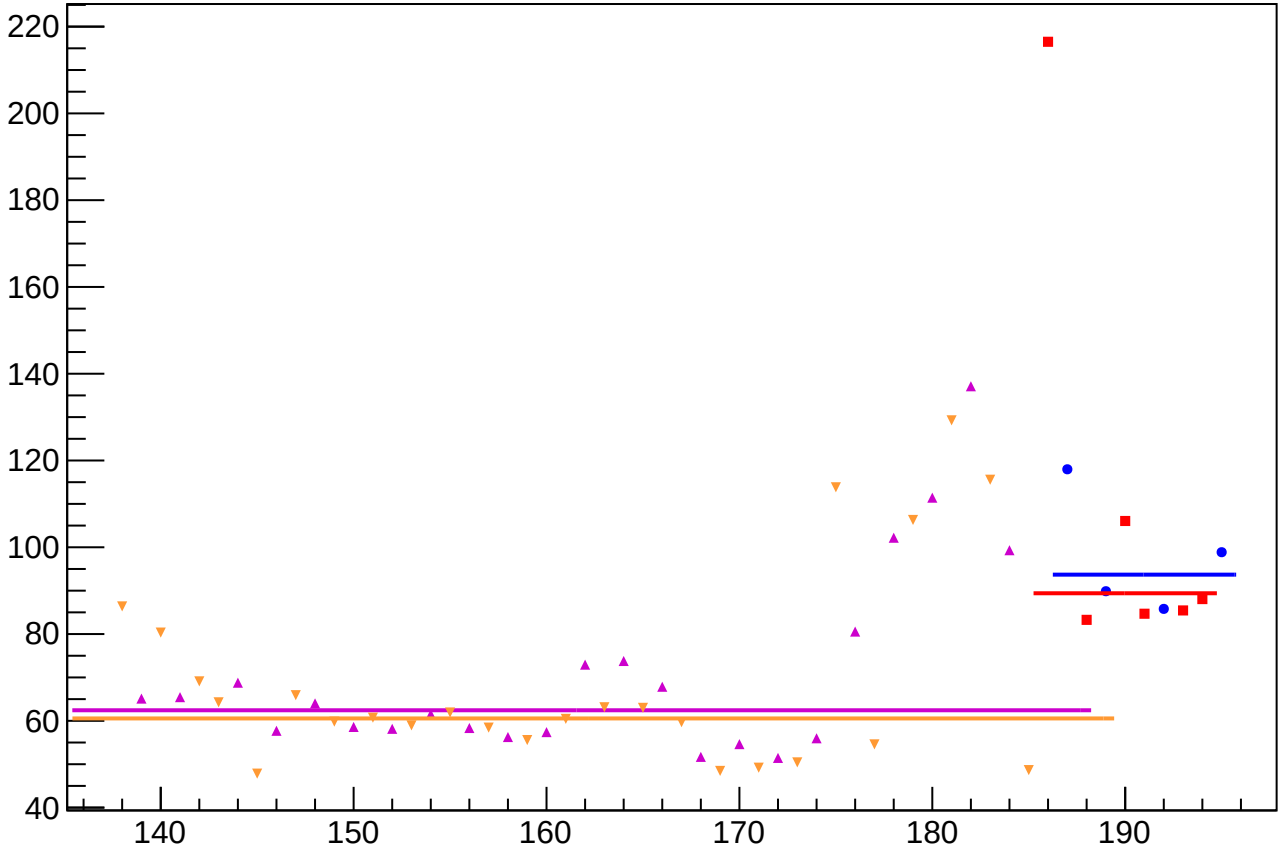
Right: 17.643+/-40.322 χ^2/NDF: 2.2/9

In: -25.674+/-15.118 χ^2/NDF:27.7/26

Out: -18.701+/-14.183 χ^2/NDF:22.6/30

All: -21.965+/-10.344 χ^2/NDF: 50.4/57

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 93.692+/-0.049 χ^2/NDF: 25755.5/3

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 89.400+/-0.035 χ^2/NDF: 279900.6/5

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

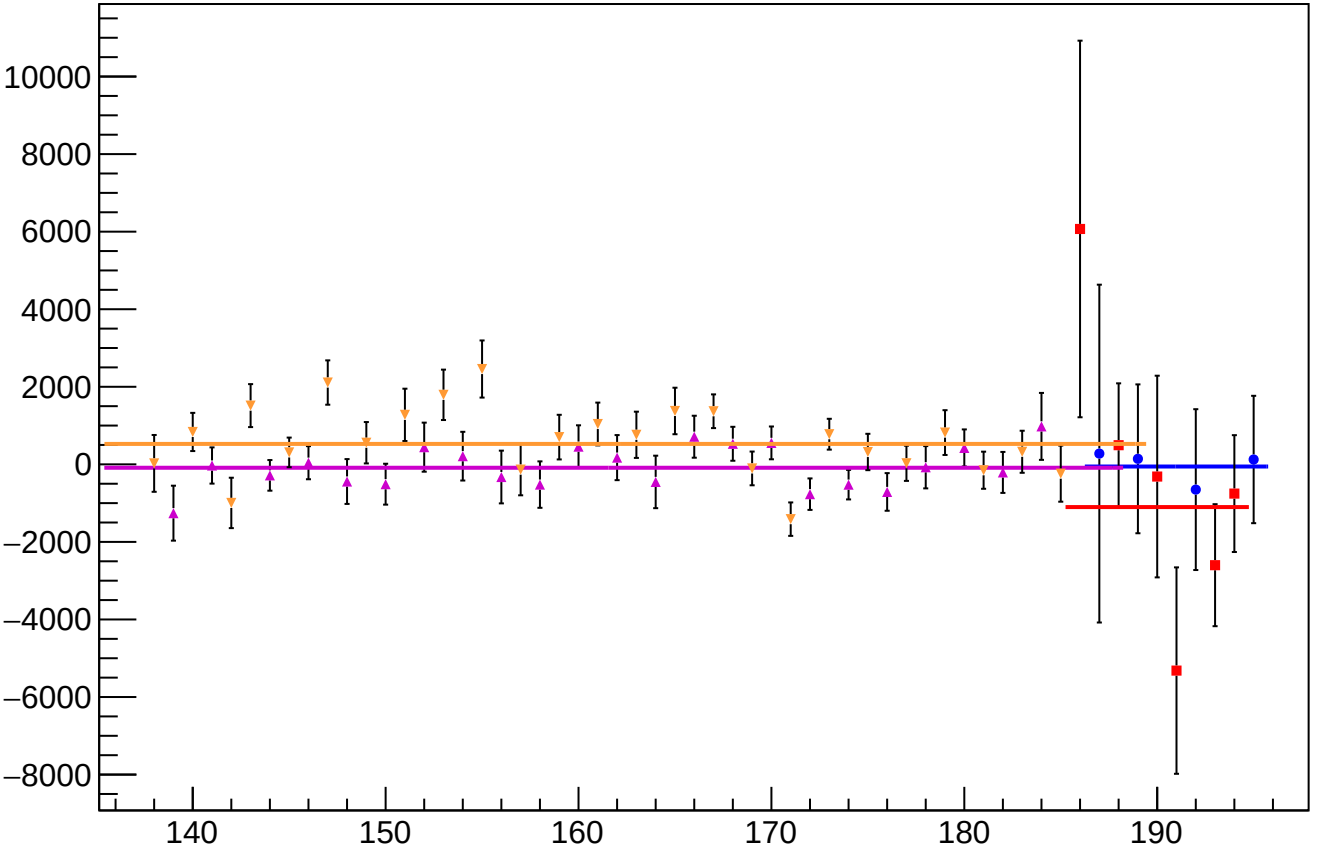
Right: 90.860+/-0.029 χ^2/NDF: 310743.1/9

In: 63.930+/-0.011 χ^2/NDF:1860922.7/26

Out: 62.905+/-0.010 χ^2/NDF:2851809.0/30

All: 63.385+/-0.007 χ^2/NDF: 4717617.8/57

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -55.954+/-1038.338 χ^2/NDF: 0.1/3

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -1101.797+/-798.272 χ^2/NDF: 6.7/5

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

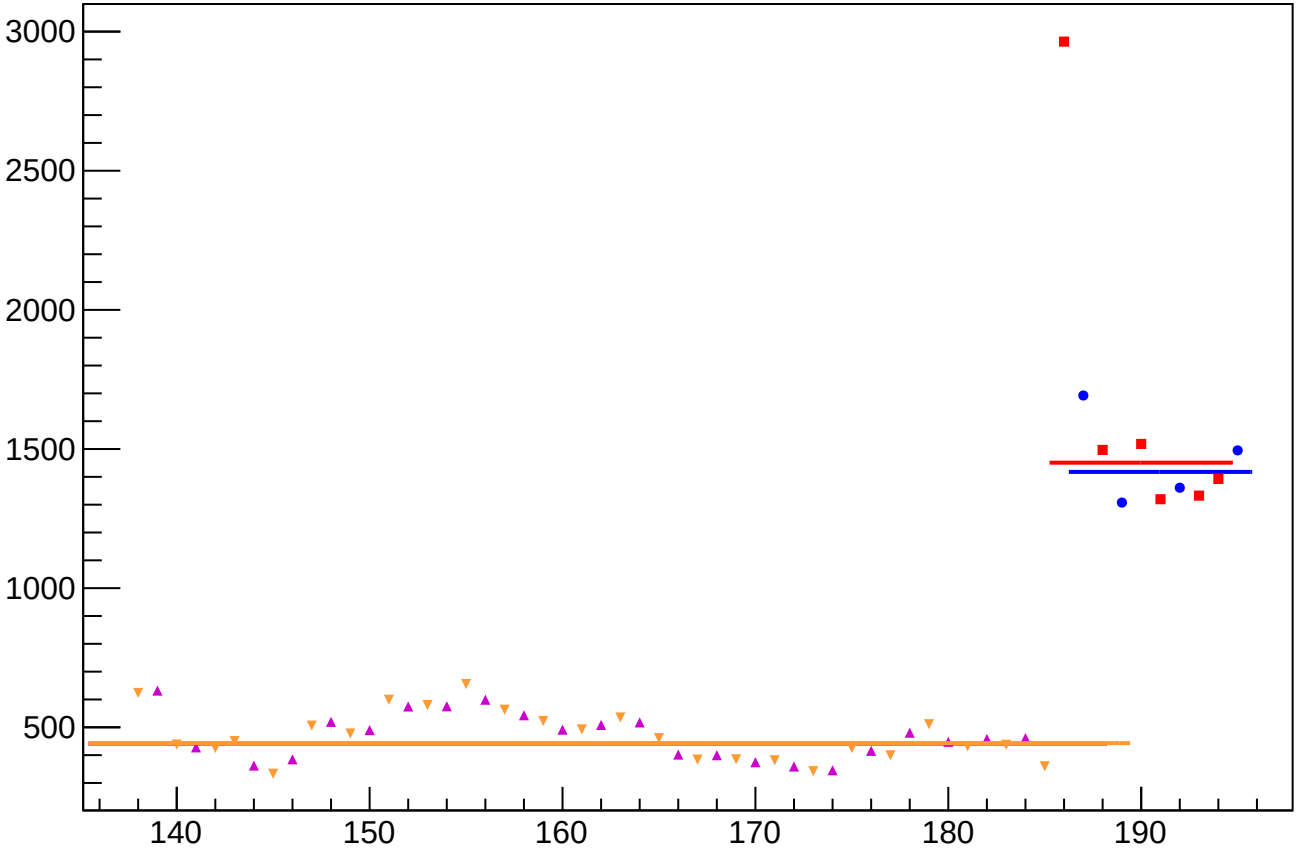
Right: -713.283+/-632.862 χ^2/NDF: 7.5/9

In: -87.653+/-106.281 χ^2/NDF:22.3/26

Out: 498.794+/-104.507 χ^2/NDF:75.8/30

All: 210.507+/-74.517 χ^2/NDF: 113.6/57

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1417.765+/-0.734 χ^2/NDF: 20489.9/3

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1450.952+/-0.564 χ^2/NDF: 216419.2/5

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

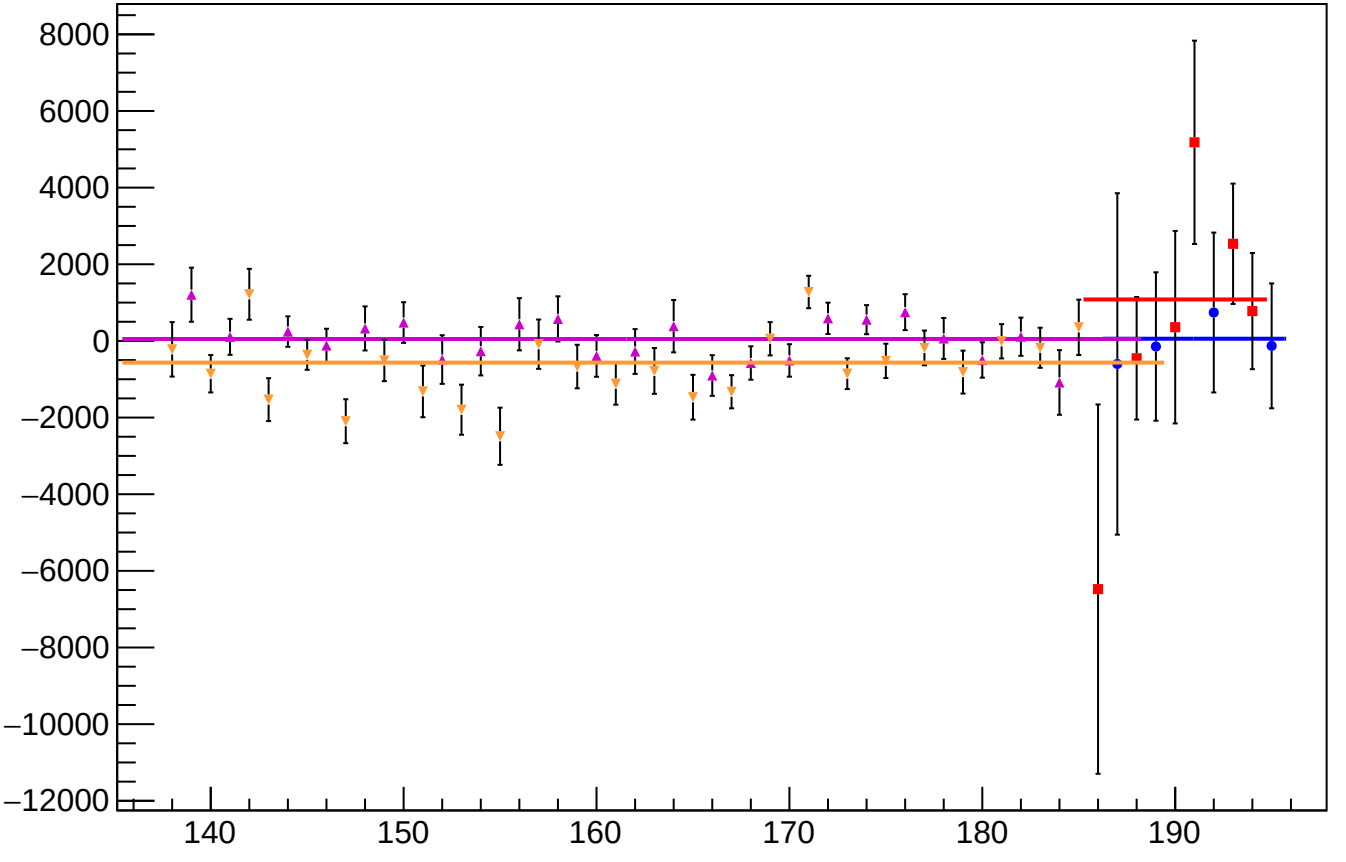
Right: 1438.623+/-0.448 χ^2/NDF: 238193.2/9

In: 451.589+/-0.075 χ^2/NDF:2806332.6/26

Out: 460.306+/-0.074 χ^2/NDF:4521892.4/30

All: 456.021+/-0.053 χ^2/NDF: 7335065.8/57

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 57.106+/-1040.510 χ^2/NDF: 0.2/3

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 1081.837+/-796.807 χ^2/NDF: 6.7/5

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

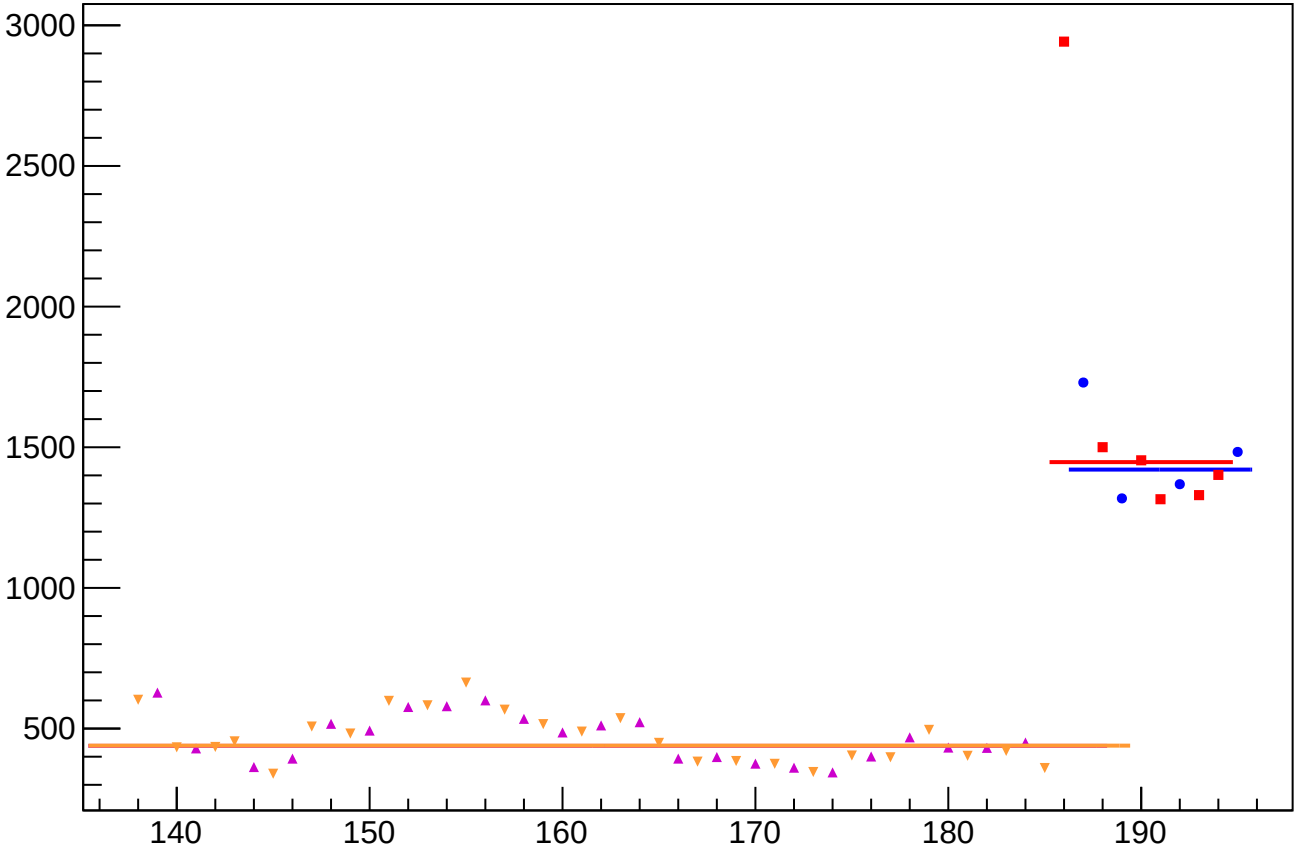
Right: 703.043+/-632.620 χ^2/NDF: 7.5/9

In: 50.457+/-105.669 χ^2/NDF:23.4/26

Out: -537.710+/-103.574 χ^2/NDF:73.9/30

All: -249.514+/-73.967 χ^2/NDF: 113.1/57

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1420.652+/-0.736 χ^2/NDF: 19453.2/3

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1447.231+/-0.563 χ^2/NDF: 212595.4/5

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

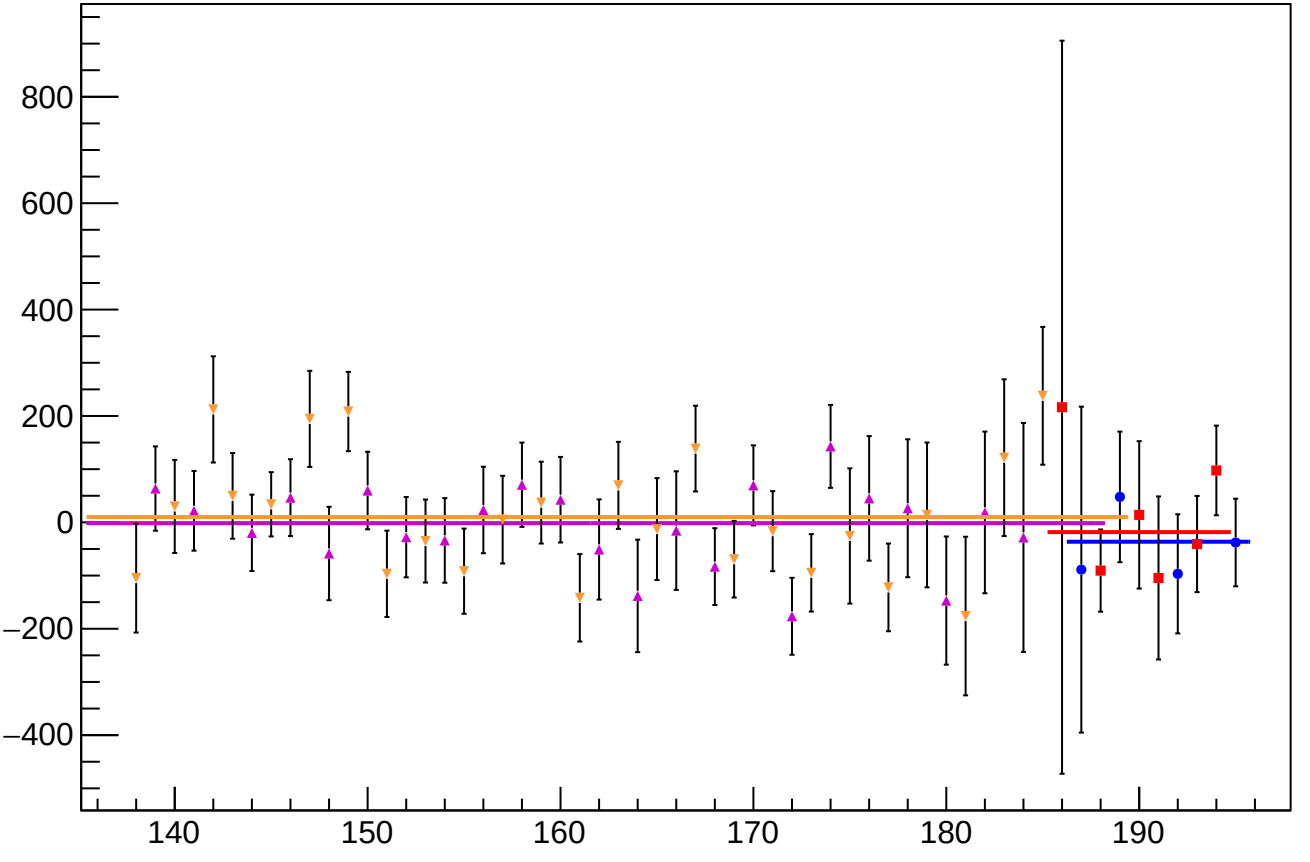
Right: 1437.406+/-0.447 χ^2/NDF: 232871.2/9

In: 448.495+/-0.075 χ^2/NDF:2808172.7/26

Out: 456.344+/-0.073 χ^2/NDF:4522732.9/30

All: 452.498+/-0.052 χ^2/NDF: 7336533.1/57

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -36.382+/-57.328 χ^2/NDF: 0.8/3

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: -18.336+/-43.542 χ^2/NDF: 3.3/5

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

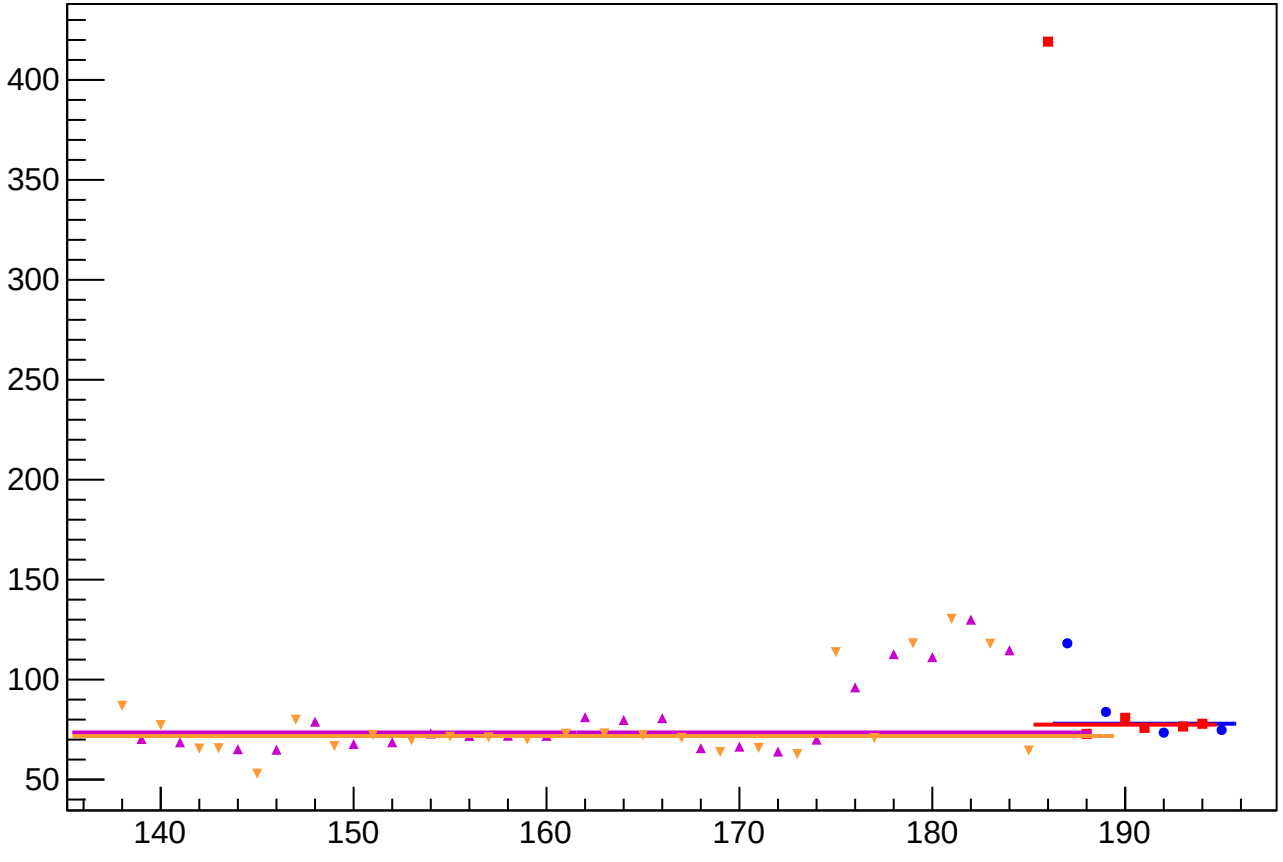
Right: -24.938+/-34.675 χ^2/NDF: 4.2/9

In: -4.547+/-17.109 χ^2/NDF:20.2/26

Out: 6.240+/-16.003 χ^2/NDF:42.4/30

All: 1.207+/-11.687 χ^2/NDF: 62.8/57

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 77.940+/-0.041 χ^2/NDF: 45158.4/3

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.481+/-0.031 χ^2/NDF: 500582.9/5

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

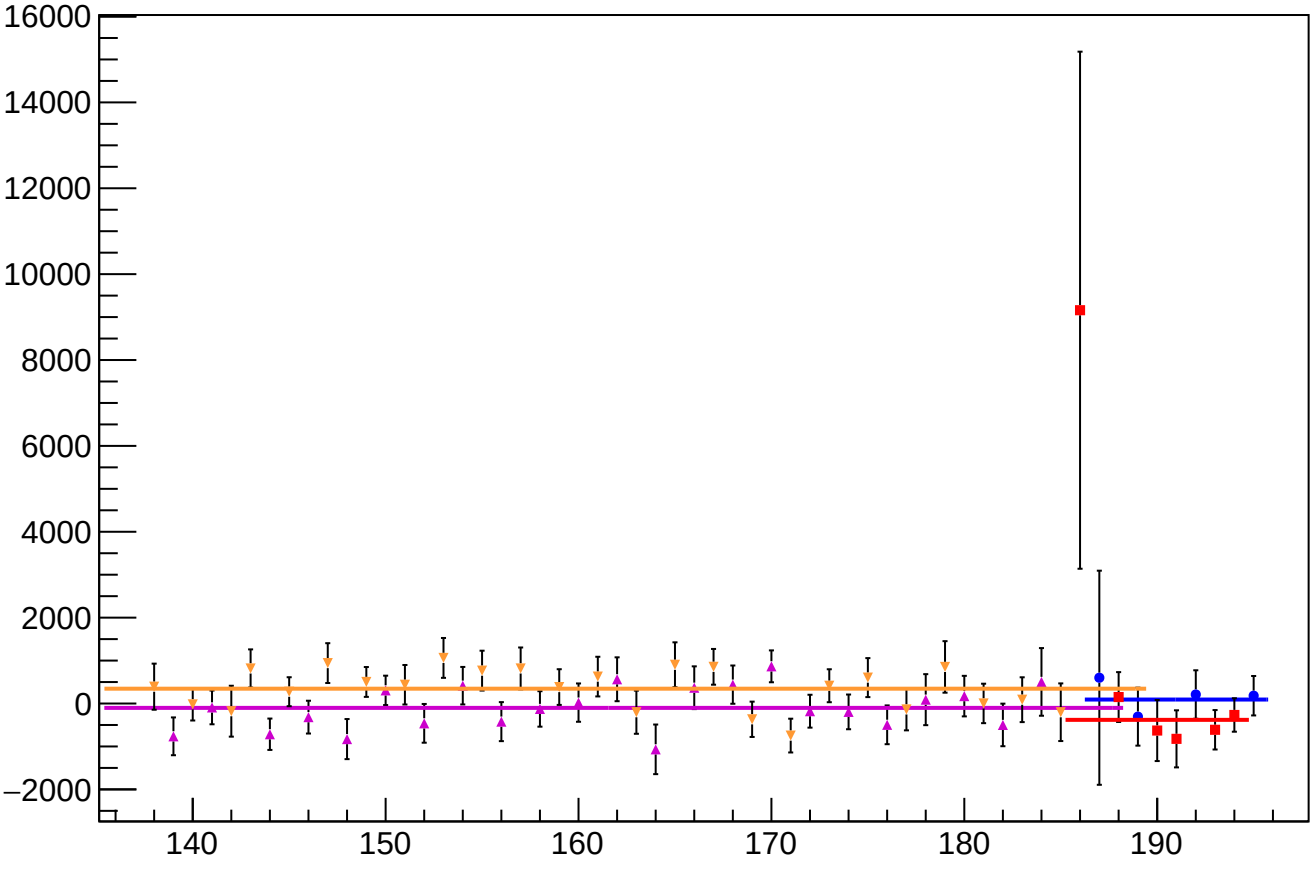
Right: 77.649+/-0.025 χ^2/NDF: 545822.8/9

In: 73.949+/-0.012 χ^2/NDF:1065157.6/26

Out: 72.554+/-0.011 χ^2/NDF:1855913.7/30

All: 73.205+/-0.008 χ^2/NDF: 2928156.7/57

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 92.598+/-312.567 χ^2/NDF: 0.5/3

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -380.504+/-232.086 χ^2/NDF: 4.3/5

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

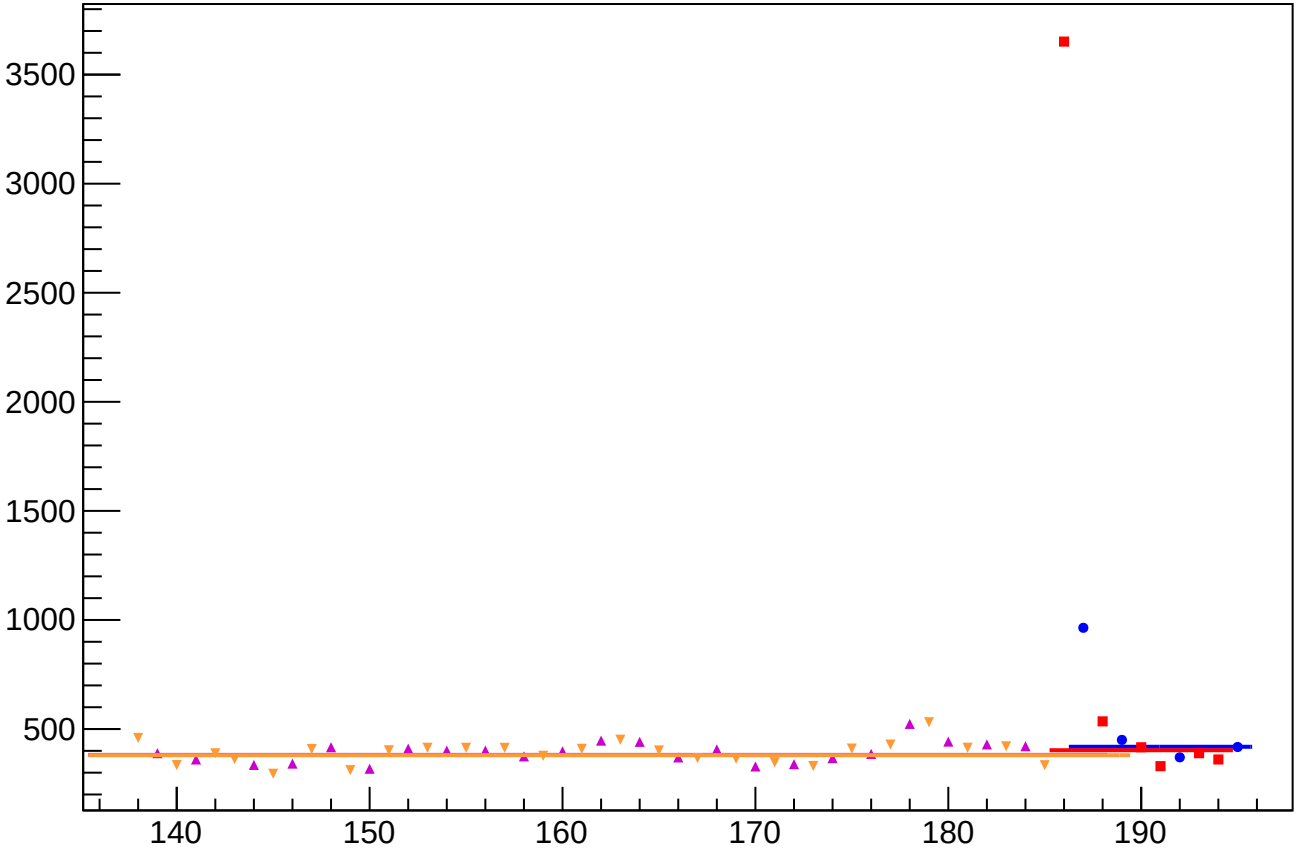
Right: -212.368+/-186.336 χ^2/NDF: 6.2/9

In: -86.263+/-87.965 χ^2/NDF:28.9/26

Out: 250.736+/-83.796 χ^2/NDF:40.1/30

All: 90.411+/-60.673 χ^2/NDF: 76.7/57

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 418.699+/-0.221 χ^2/NDF: 114763.1/3

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 402.908+/-0.164 χ^2/NDF: 736380.7/5

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

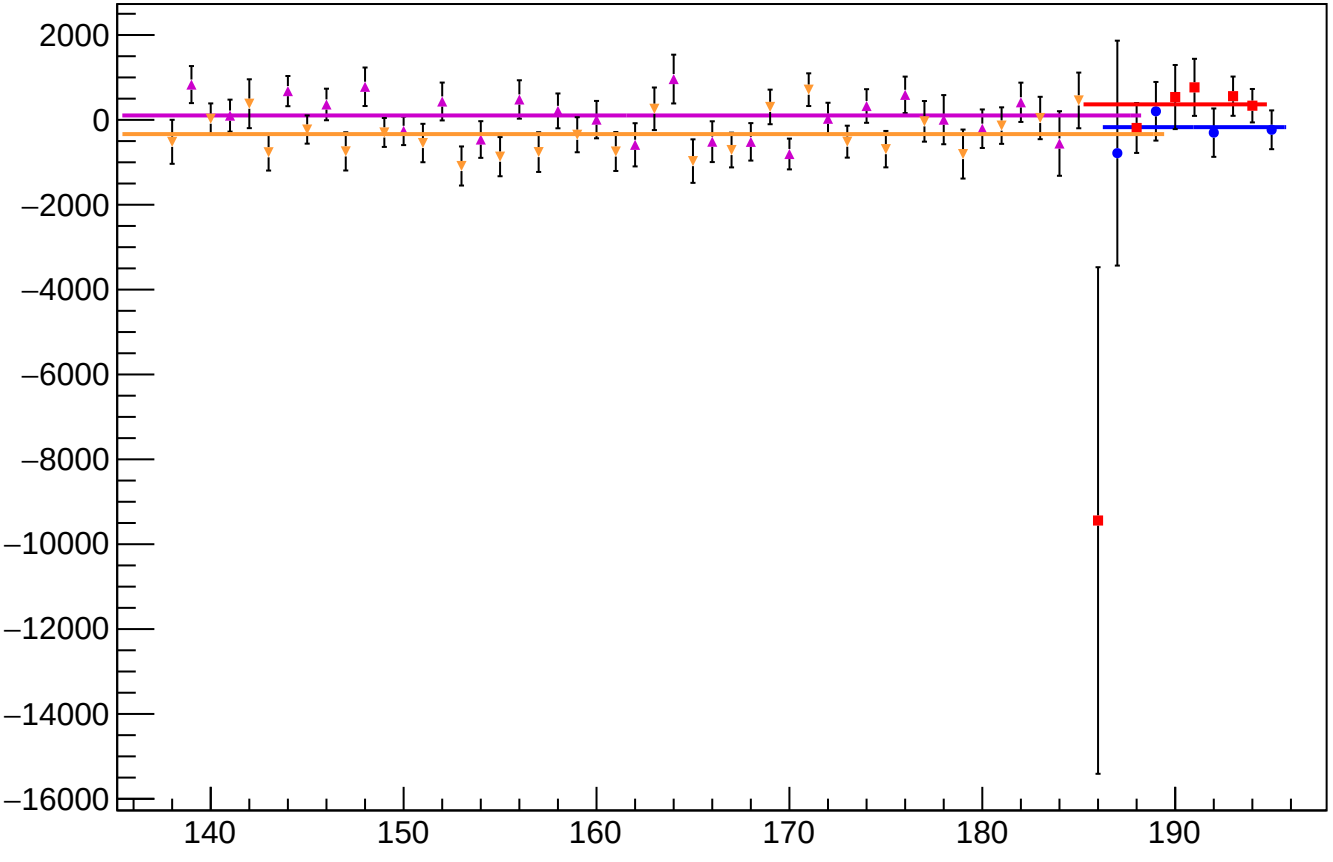
Right: 408.520+/-0.132 χ^2/NDF: 854434.4/9

In: 384.422+/-0.062 χ^2/NDF:601905.0/26

Out: 383.166+/-0.059 χ^2/NDF:1369642.6/30

All: 383.764+/-0.043 χ^2/NDF: 1971761.6/57

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -171.587+/-314.606 χ^2/NDF: 0.4/3

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 365.505+/-235.682 χ^2/NDF: 4.2/5

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

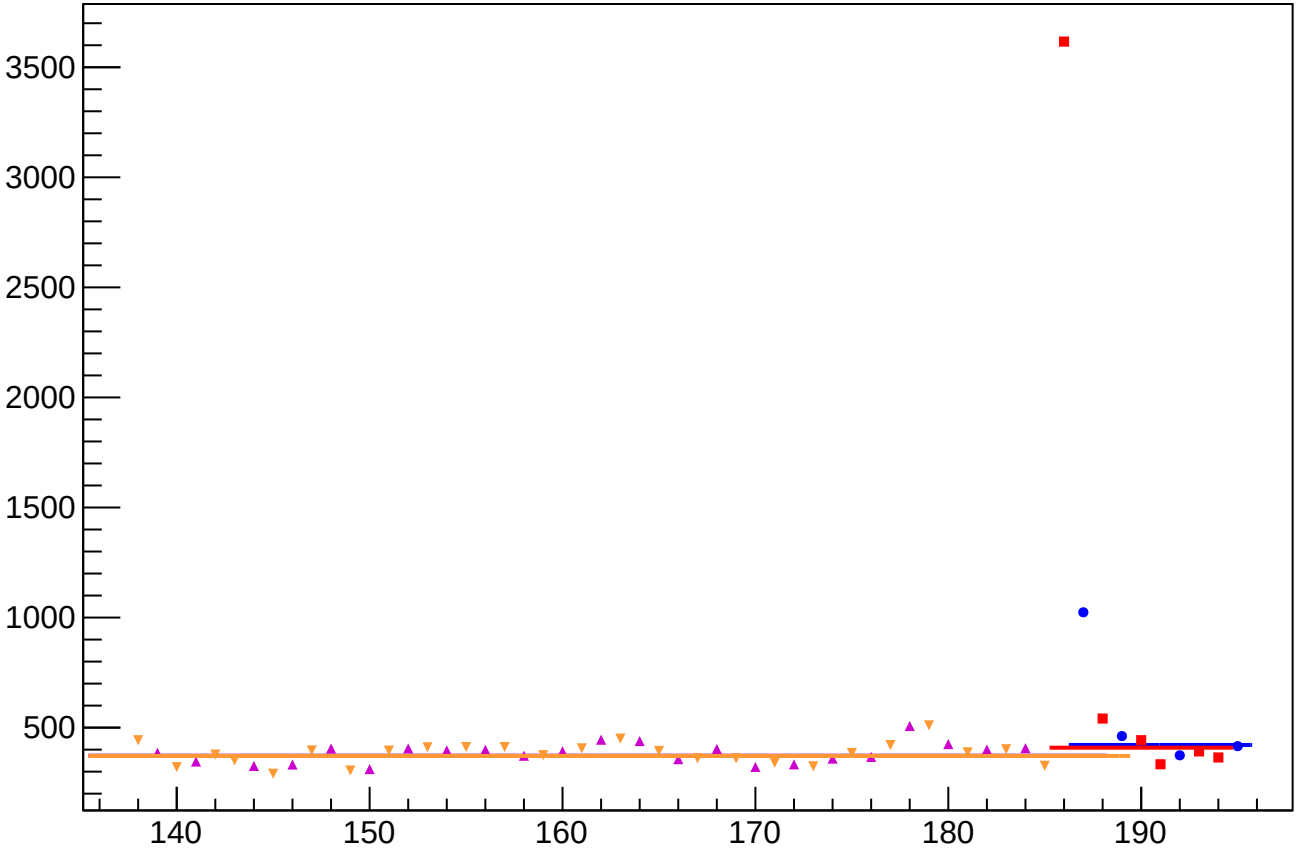
Right: 172.438+/-188.624 χ^2/NDF: 6.5/9

In: 83.427+/-86.185 χ^2/NDF:30.8/26

Out: -250.003+/-82.199 χ^2/NDF:40.3/30

All: -91.177+/-59.483 χ^2/NDF: 78.9/57

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 421.174+/-0.222 χ^2/NDF: 124110.0/3

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 408.867+/-0.167 χ^2/NDF: 736266.2/5

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

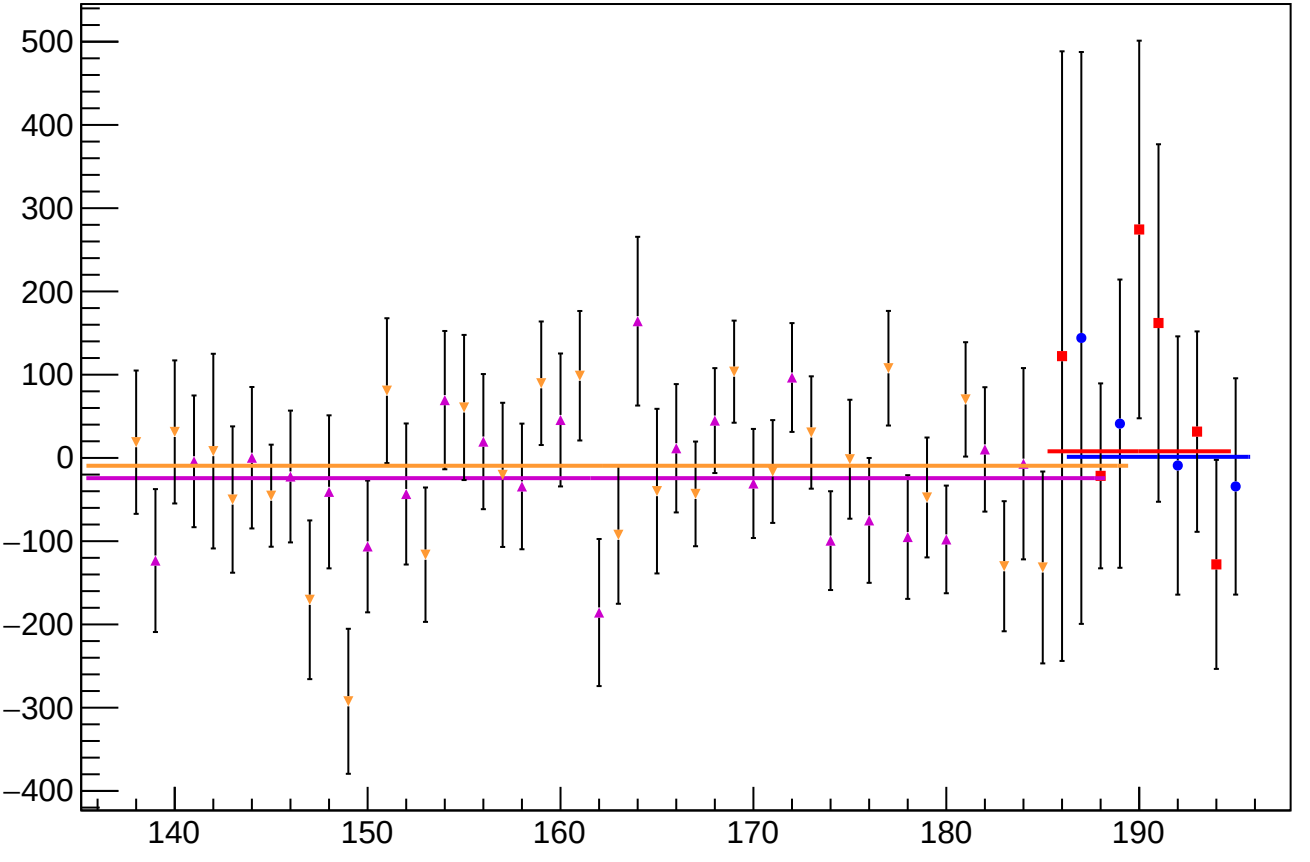
Right: 413.291+/-0.133 χ^2/NDF: 862336.7/9

In: 376.221+/-0.061 χ^2/NDF:632652.3/26

Out: 375.936+/-0.058 χ^2/NDF:1384843.2/30

All: 376.072+/-0.042 χ^2/NDF: 2017506.9/57

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 1.322+/-83.733 χ^2/NDF: 0.3/3

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 7.953+/-61.765 χ^2/NDF: 3.3/5

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

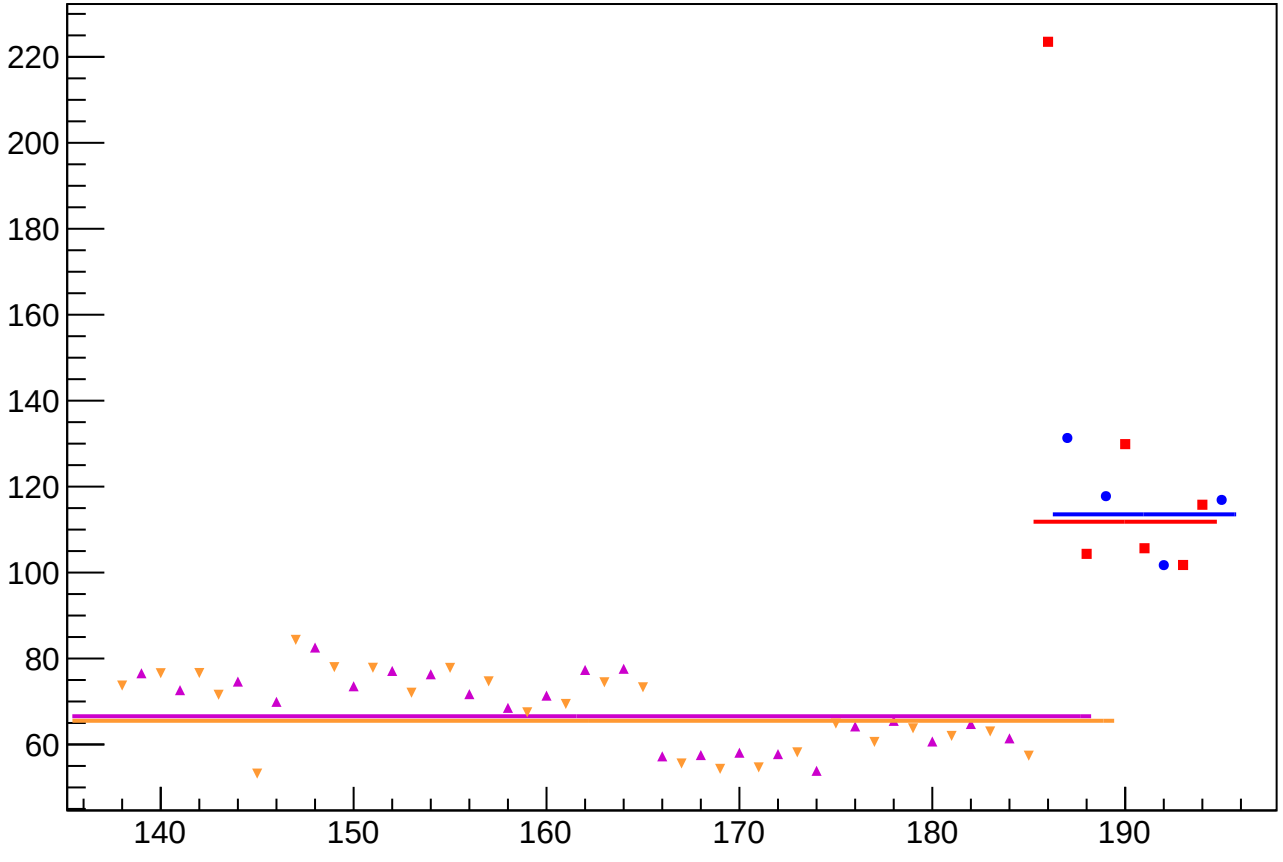
Right: 5.616+/-49.706 χ^2/NDF: 3.6/9

In: -23.387+/-15.748 χ^2/NDF:21.5/26

Out: -8.373+/-15.007 χ^2/NDF:38.1/30

All: -15.519+/-10.864 χ^2/NDF: 60.1/57

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 113.546+/-0.059 χ^2/NDF: 19494.2/3

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 111.831+/-0.044 χ^2/NDF: 225448.3/5

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

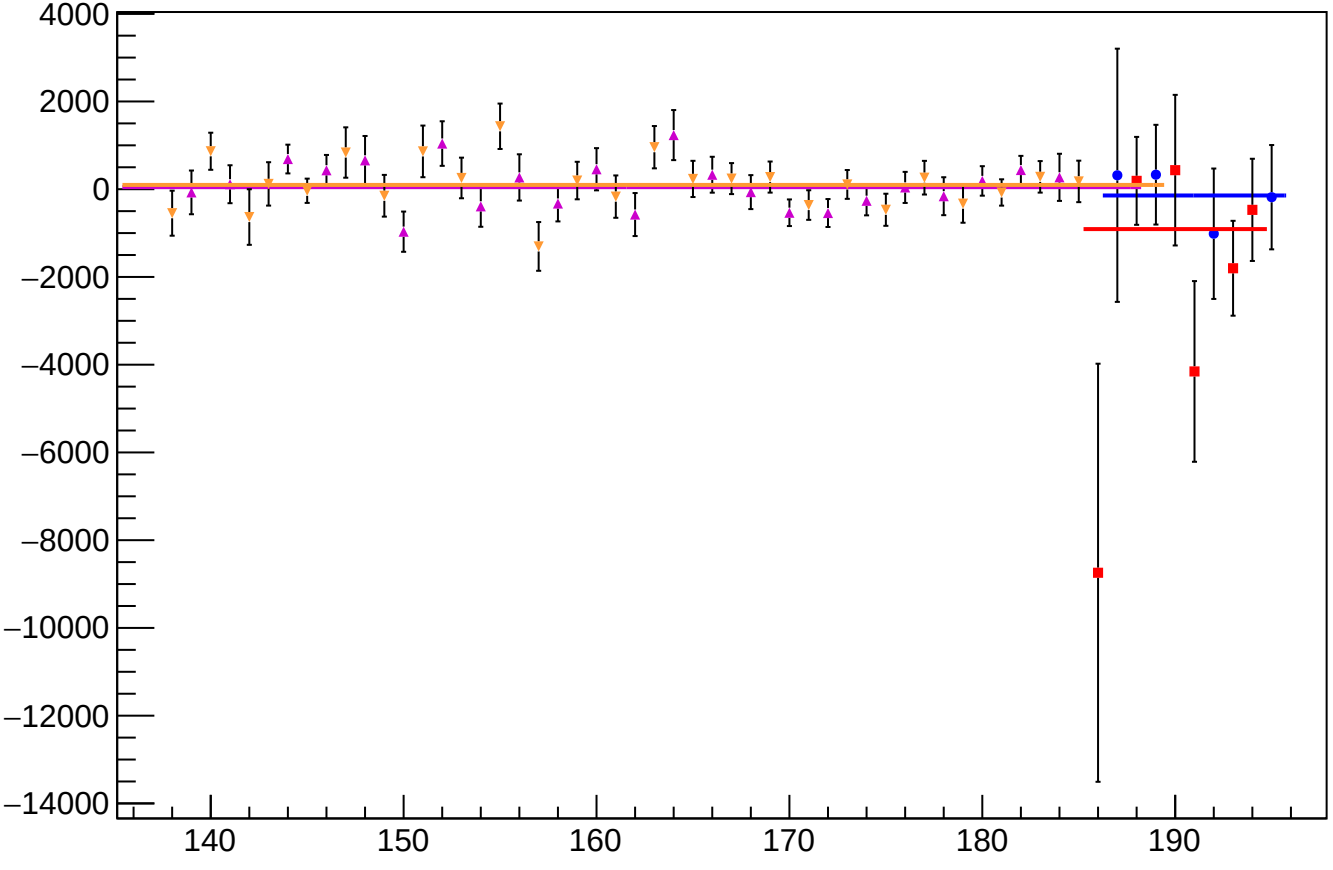
Right: 112.435+/-0.035 χ^2/NDF: 245486.2/9

In: 68.225+/-0.011 χ^2/NDF:1148189.8/26

Out: 68.246+/-0.011 χ^2/NDF:1950793.5/30

All: 68.236+/-0.008 χ^2/NDF: 3098985.2/57

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -143.029+/-697.661 χ^2/NDF: 0.5/3

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -909.114+/-558.324 χ^2/NDF: 7.8/5

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

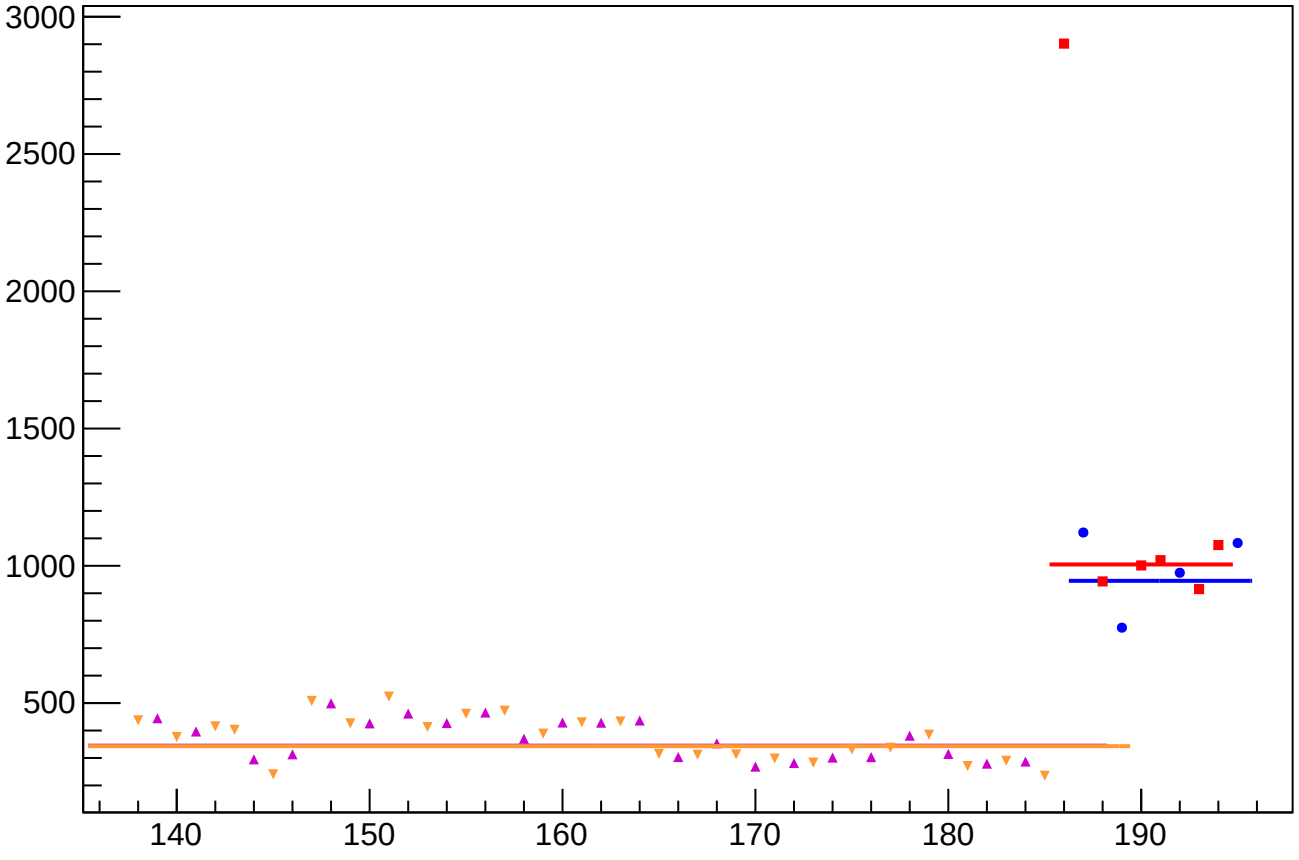
Right: -610.027+/-435.918 χ^2/NDF: 9.1/9

In: 43.958+/-83.258 χ^2/NDF:34.8/26

Out: 76.046+/-81.360 χ^2/NDF:44.3/30

All: 60.372+/-58.190 χ^2/NDF: 79.2/57

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 945.301+/-0.493 χ^2/NDF: 80180.4/3

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1004.908+/-0.395 χ^2/NDF: 345939.7/5

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

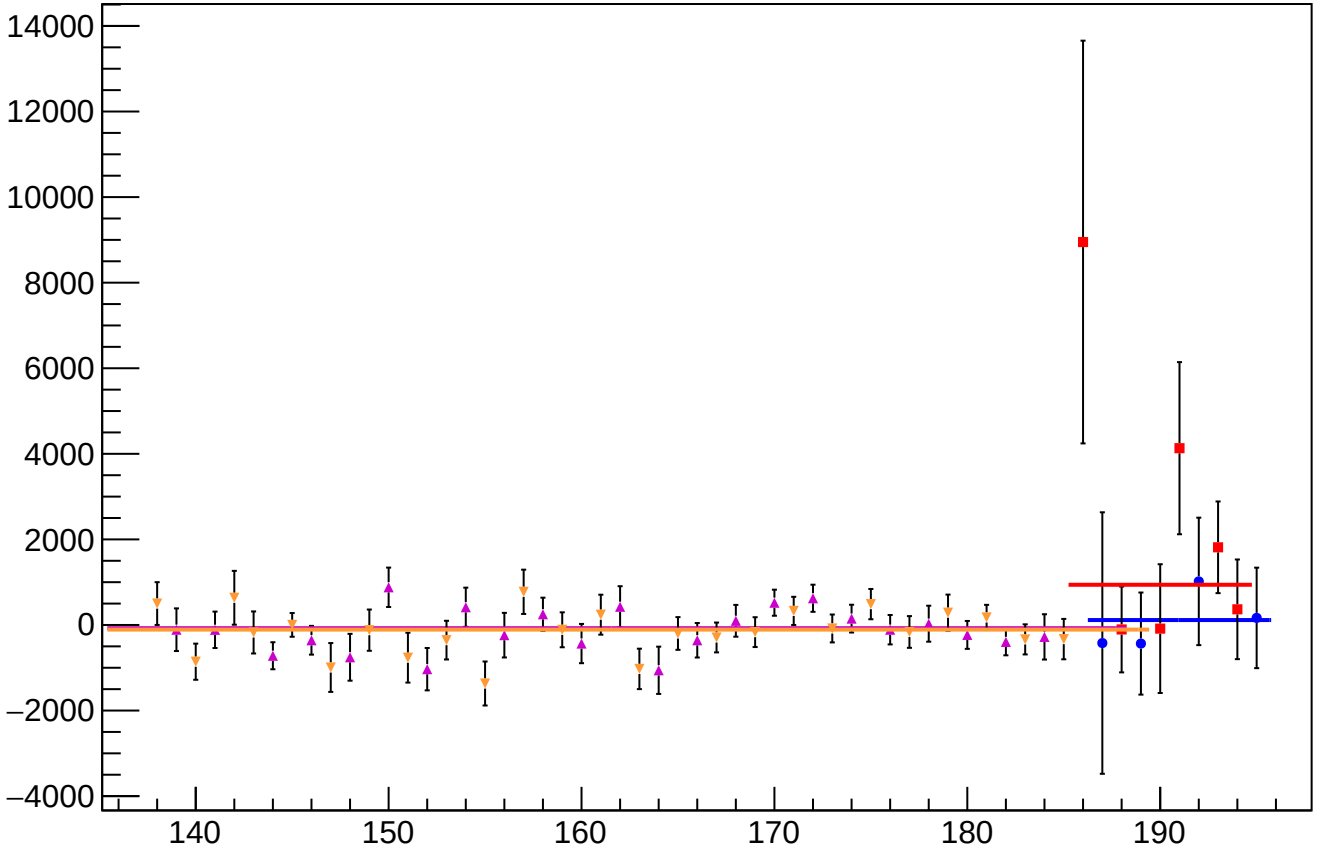
Right: 981.637+/-0.308 χ^2/NDF: 435019.8/9

In: 353.370+/-0.059 χ^2/NDF:2805261.5/26

Out: 357.051+/-0.058 χ^2/NDF:4762361.5/30

All: 355.253+/-0.041 χ^2/NDF: 7569622.6/57

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 114.875+/-709.671 χ^2/NDF: 0.6/3

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 939.651+/-547.461 χ^2/NDF: 7.9/5

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

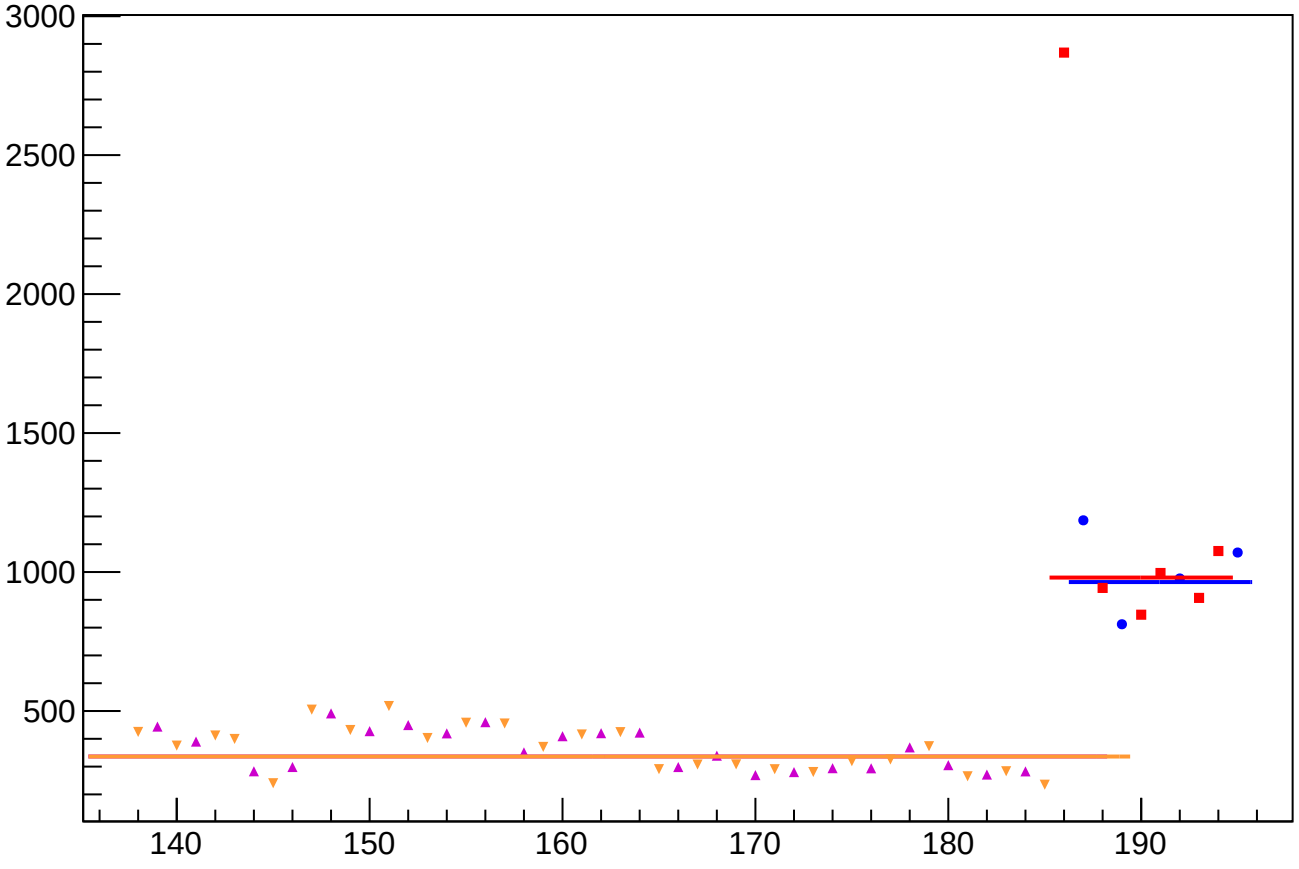
Right: 631.942+/-433.470 χ^2/NDF: 9.3/9

In: -72.487+/-81.408 χ^2/NDF:33.3/26

Out: -85.821+/-79.721 χ^2/NDF:42.3/30

All: -79.294+/-56.958 χ^2/NDF: 75.7/57

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 963.933+/-0.502 χ^2/NDF: 59465.2/3

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 980.085+/-0.387 χ^2/NDF: 363542.8/5

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

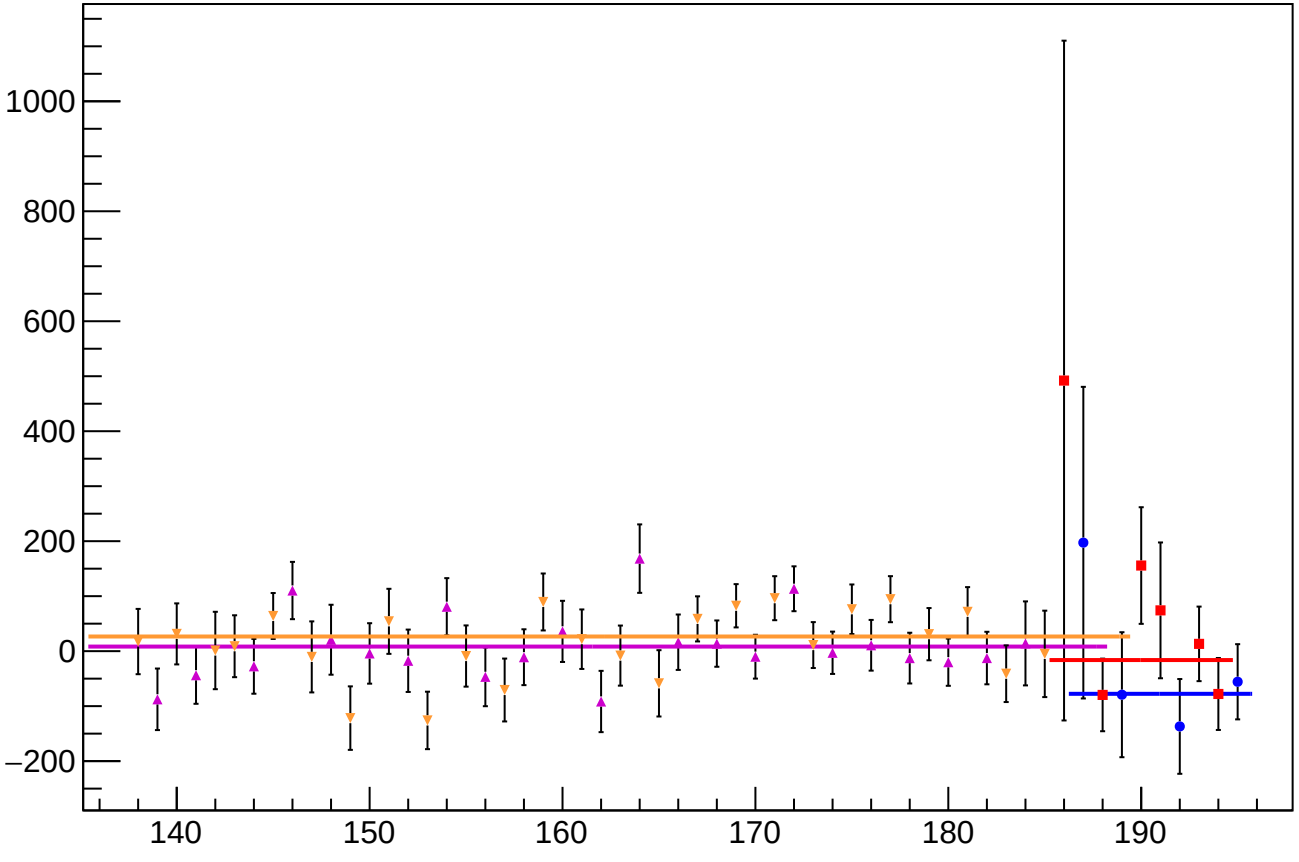
Right: 974.059+/-0.307 χ^2/NDF: 423657.5/9

In: 344.654+/-0.058 χ^2/NDF:2872322.6/26

Out: 349.884+/-0.056 χ^2/NDF:4730871.5/30

All: 347.323+/-0.040 χ^2/NDF: 7607408.0/57

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -77.596+/-47.761 χ^2/NDF: 1.5/3

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: -16.198+/-34.552 χ^2/NDF: 5.8/5

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

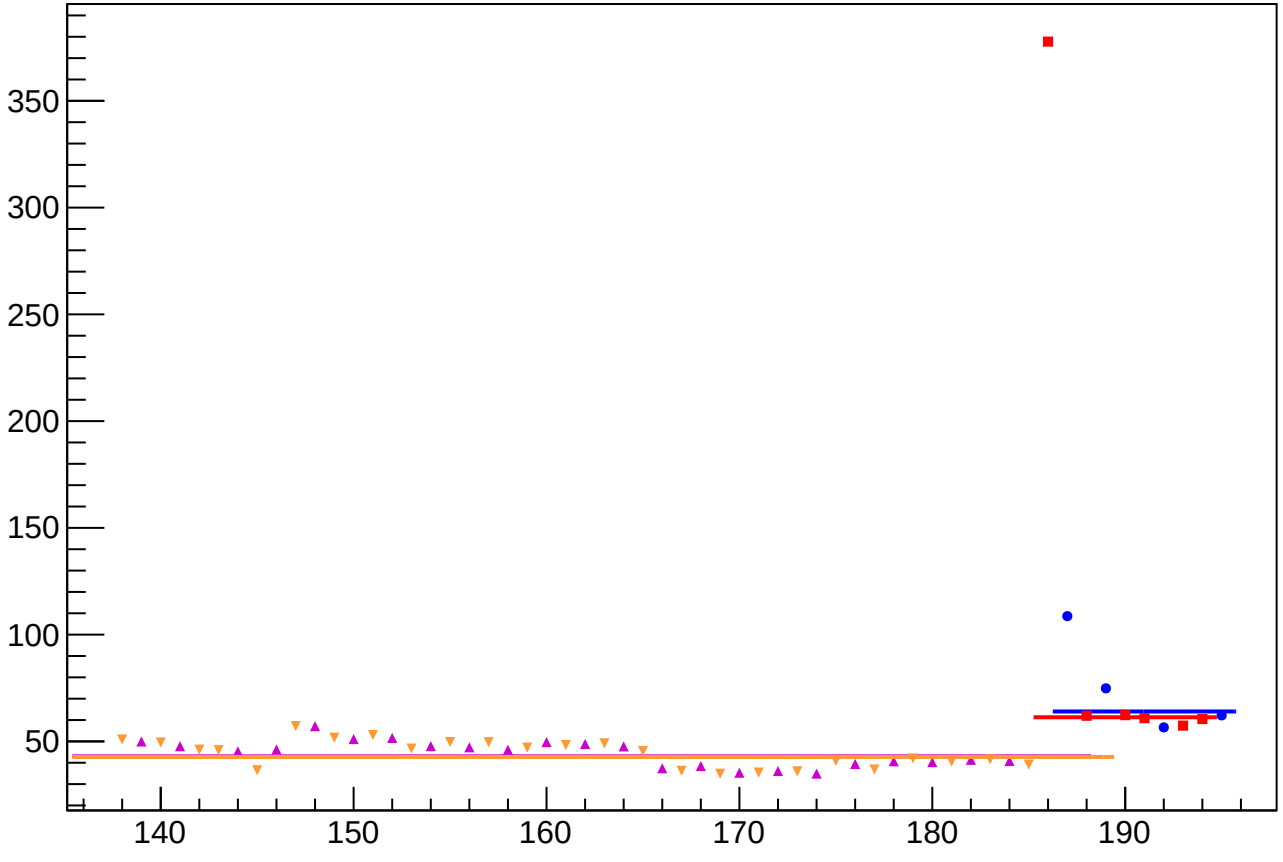
Right: -37.292+/-27.994 χ^2/NDF: 8.4/9

In: 4.463+/-10.125 χ^2/NDF:34.2/26

Out: 23.267+/-9.686 χ^2/NDF:43.7/30

All: 14.282+/-6.999 χ^2/NDF: 79.7/57

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 64.010+/-0.034 χ^2/NDF: 84273.7/3

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 61.304+/-0.024 χ^2/NDF: 531511.1/5

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

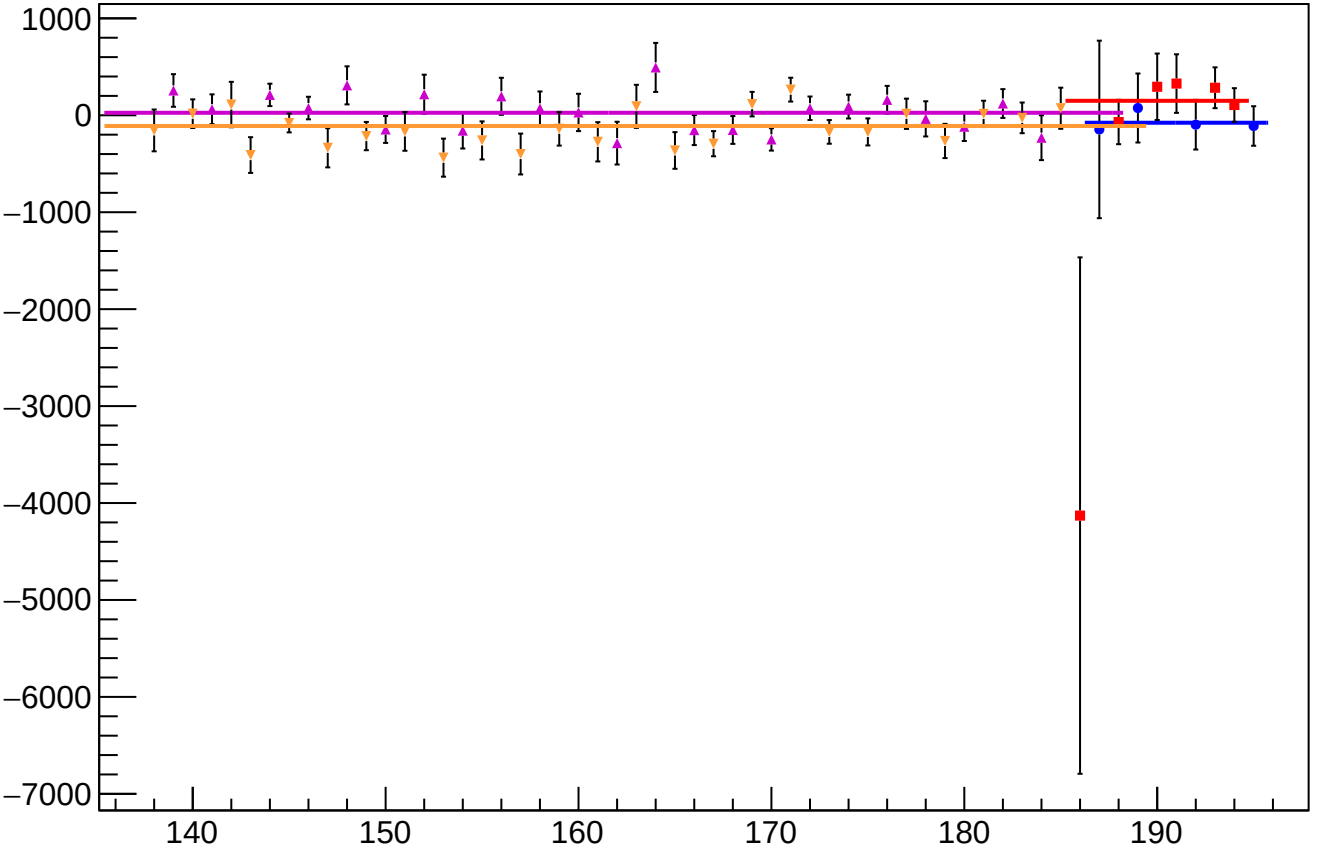
Right: 62.234+/-0.020 χ^2/NDF: 619998.5/9

In: 43.965+/-0.007 χ^2/NDF:1095742.3/26

Out: 44.177+/-0.007 χ^2/NDF:1836432.4/30

All: 44.075+/-0.005 χ^2/NDF: 2932632.1/57

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -76.878+/-143.763 χ^2/NDF: 0.2/3

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 149.407+/-102.894 χ^2/NDF: 4.5/5

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

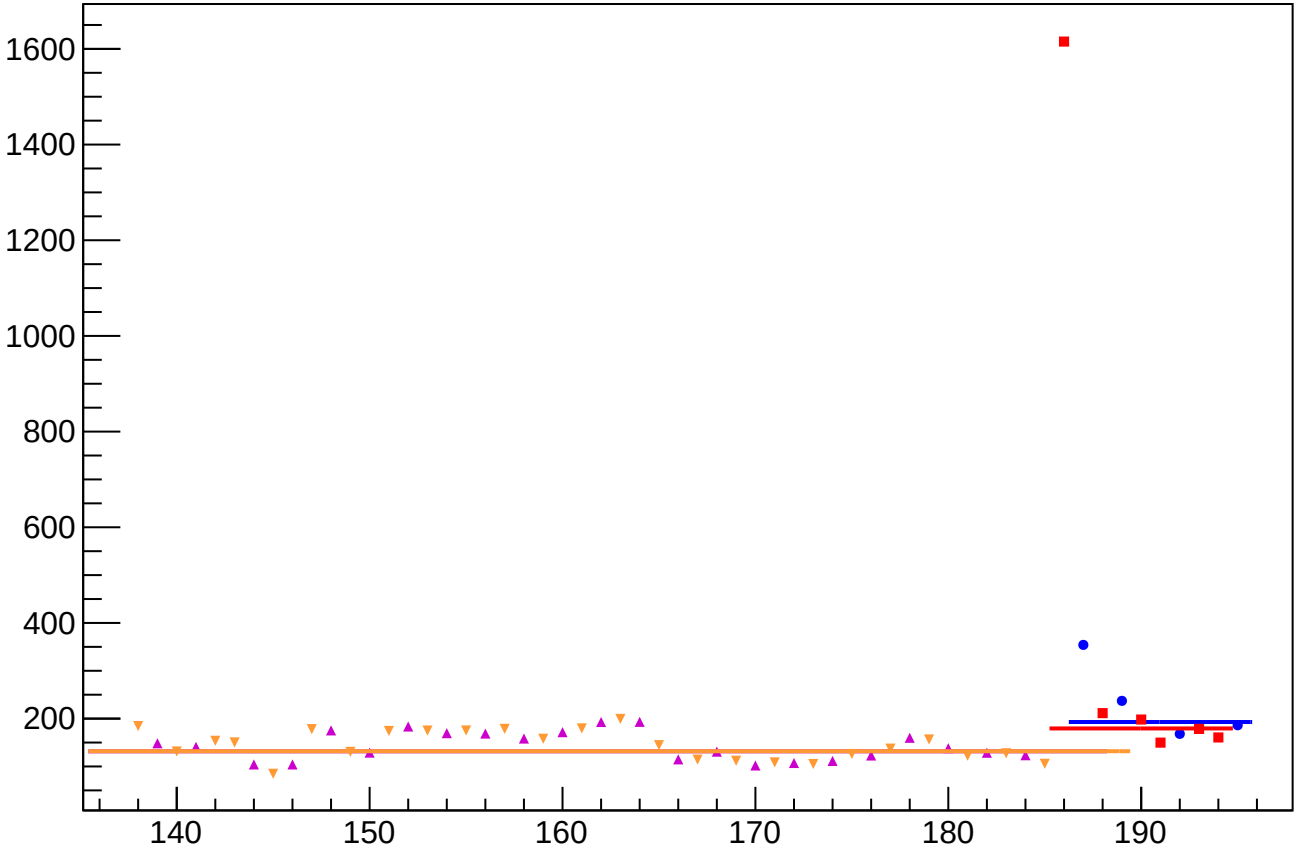
Right: 72.756+/-83.671 χ^2/NDF: 6.3/9

In: 20.950+/-31.328 χ^2/NDF:29.7/26

Out: -87.801+/-30.310 χ^2/NDF:43.3/30

All: -35.222+/-21.783 χ^2/NDF: 79.2/57

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 192.939+/-0.102 χ^2/NDF: 113761.6/3

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 179.450+/-0.073 χ^2/NDF: 669035.6/5

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

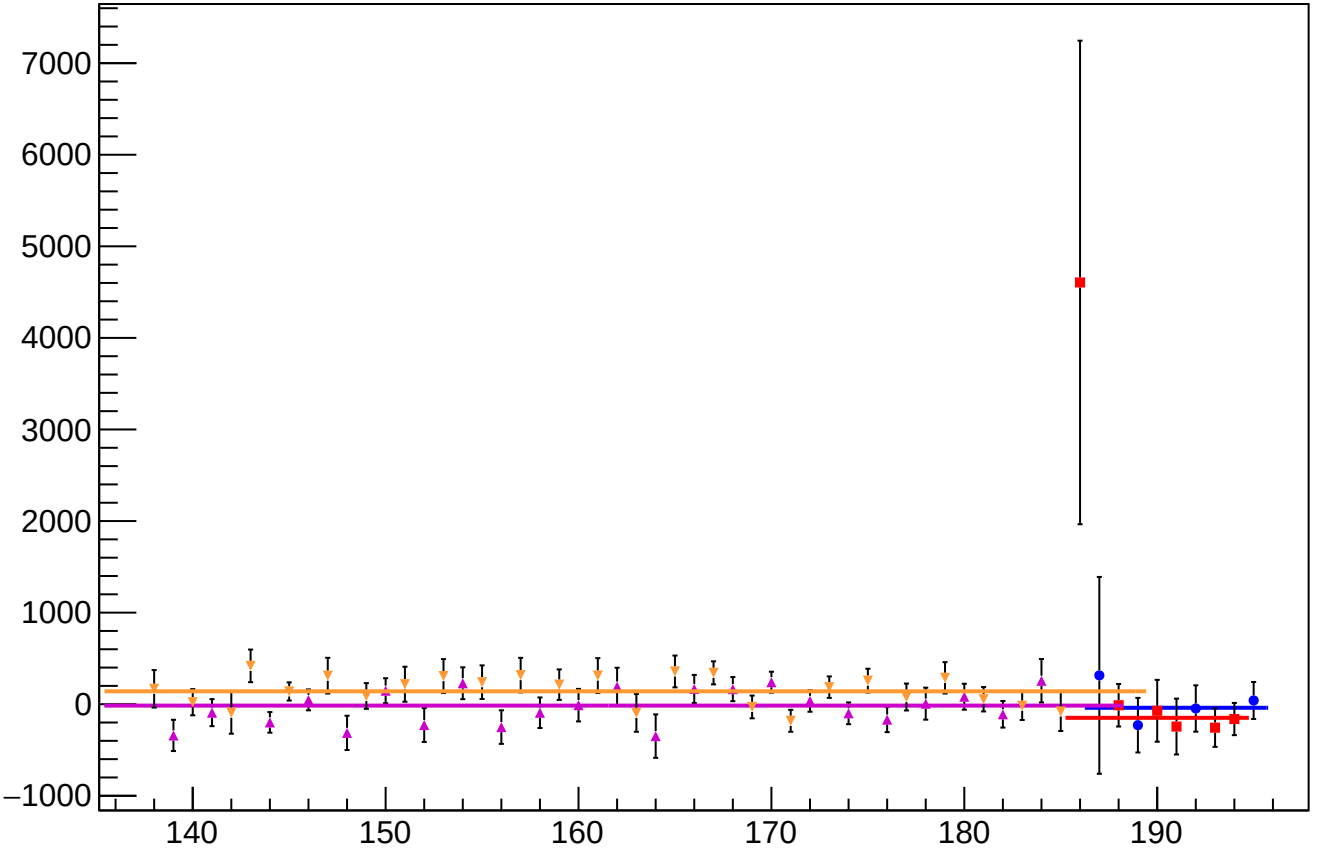
Right: 184.019+/-0.059 χ^2/NDF: 794440.9/9

In: 134.541+/-0.022 χ^2/NDF:1863926.6/26

Out: 136.003+/-0.021 χ^2/NDF:2865893.9/30

All: 135.296+/-0.015 χ^2/NDF: 4732069.9/57

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.958+/-138.348 χ^2/NDF: 0.7/3

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -148.679+/-103.560 χ^2/NDF: 4.0/5

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

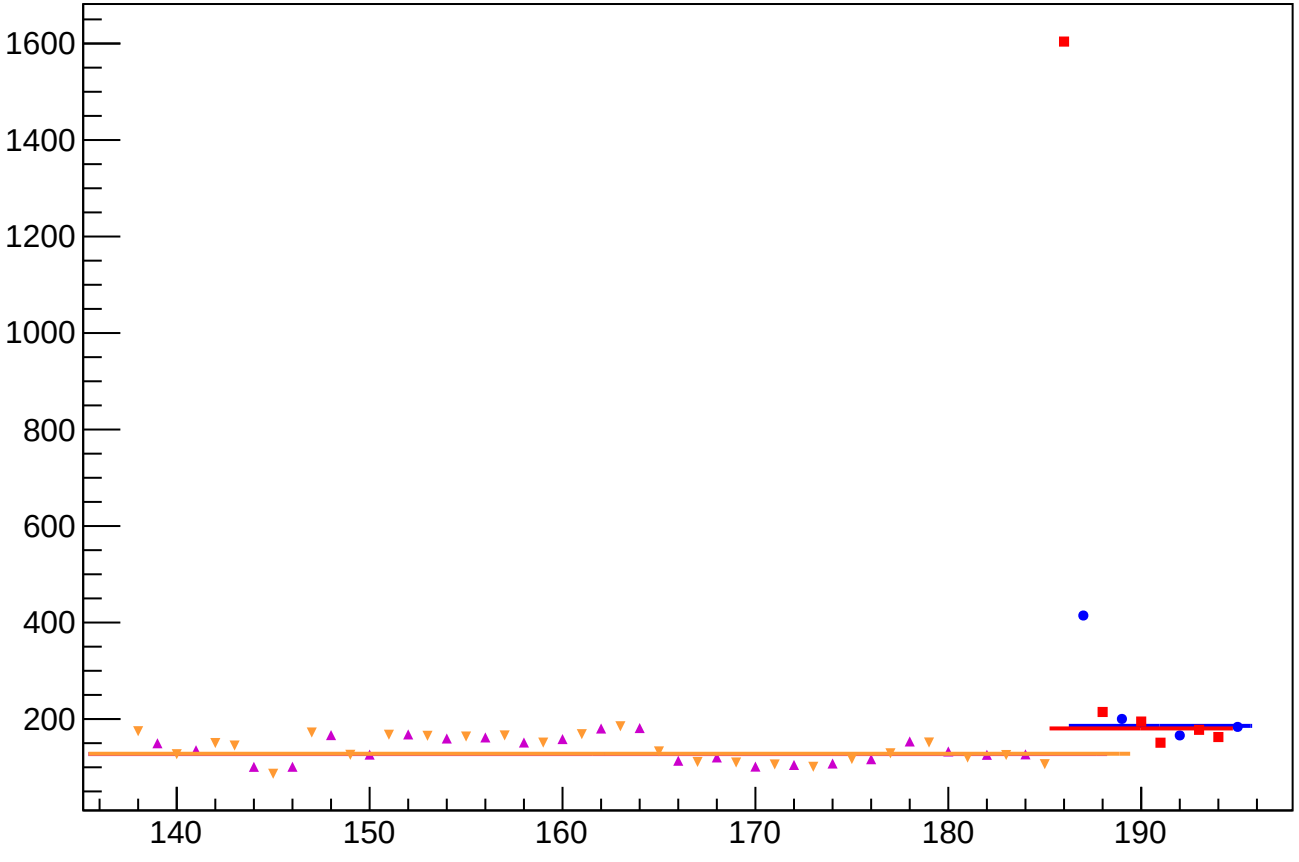
Right: -109.278+/-82.906 χ^2/NDF: 5.1/9

In: -16.337+/-30.281 χ^2/NDF:32.1/26

Out: 117.697+/-29.377 χ^2/NDF:38.3/30

All: 52.709+/-21.085 χ^2/NDF: 80.5/57

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 185.835+/-0.098 χ^2/NDF: 107675.9/3

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 180.539+/-0.073 χ^2/NDF: 667825.6/5

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

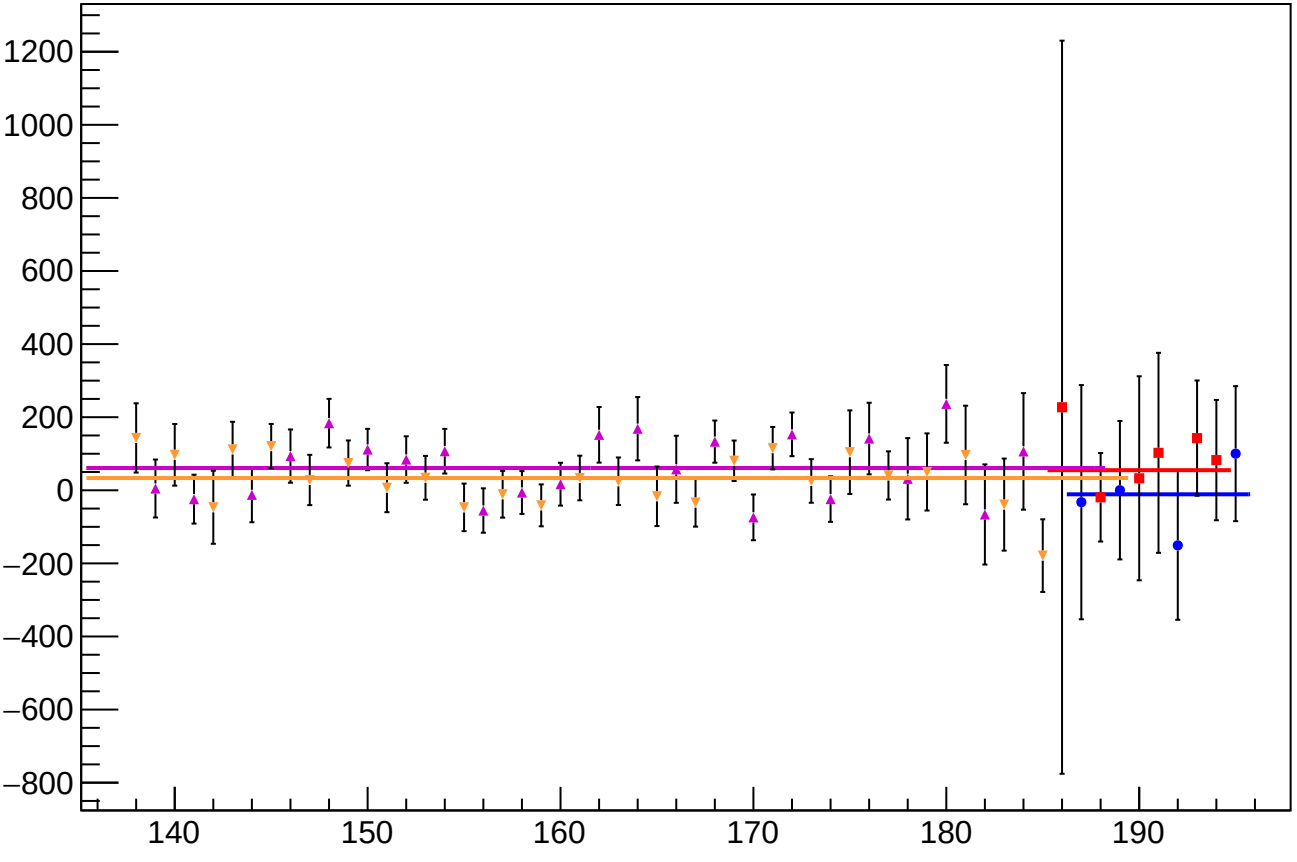
Right: 182.441+/-0.059 χ^2/NDF: 777379.8/9

In: 130.180+/-0.021 χ^2/NDF:1677521.9/26

Out: 132.283+/-0.021 χ^2/NDF:2670376.0/30

All: 131.263+/-0.015 χ^2/NDF: 4352865.6/57

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -10.982+/-104.817 χ^2/NDF: 0.8/3

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 55.051+/-76.139 χ^2/NDF: 0.8/5

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

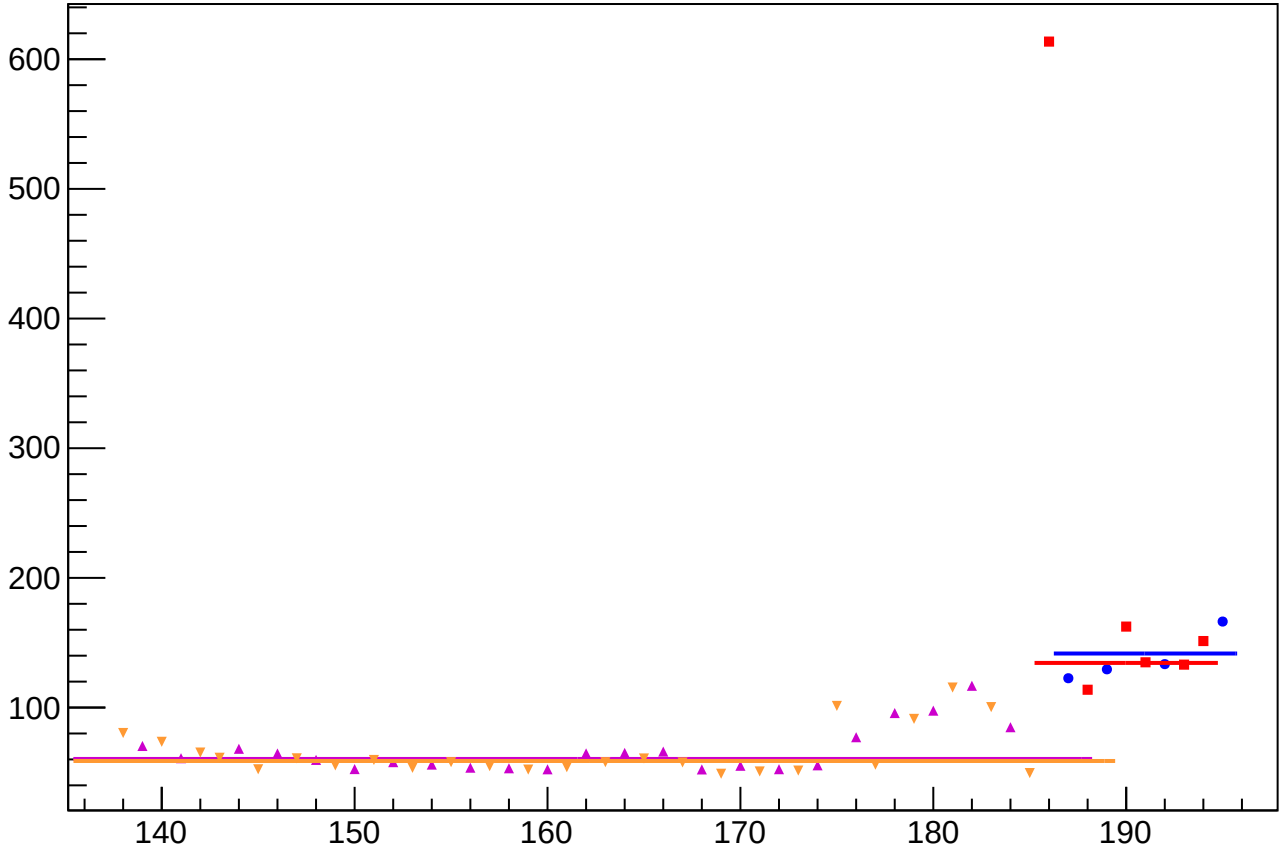
Right: 32.243+/-61.602 χ^2/NDF: 1.9/9

In: 59.578+/-14.693 χ^2/NDF:32.9/26

Out: 34.257+/-13.956 χ^2/NDF:20.5/30

All: 46.267+/-10.119 χ^2/NDF: 55.0/57

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 141.672+/-0.074 χ^2/NDF: 54182.5/3

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 134.418+/-0.054 χ^2/NDF: 556173.9/5

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

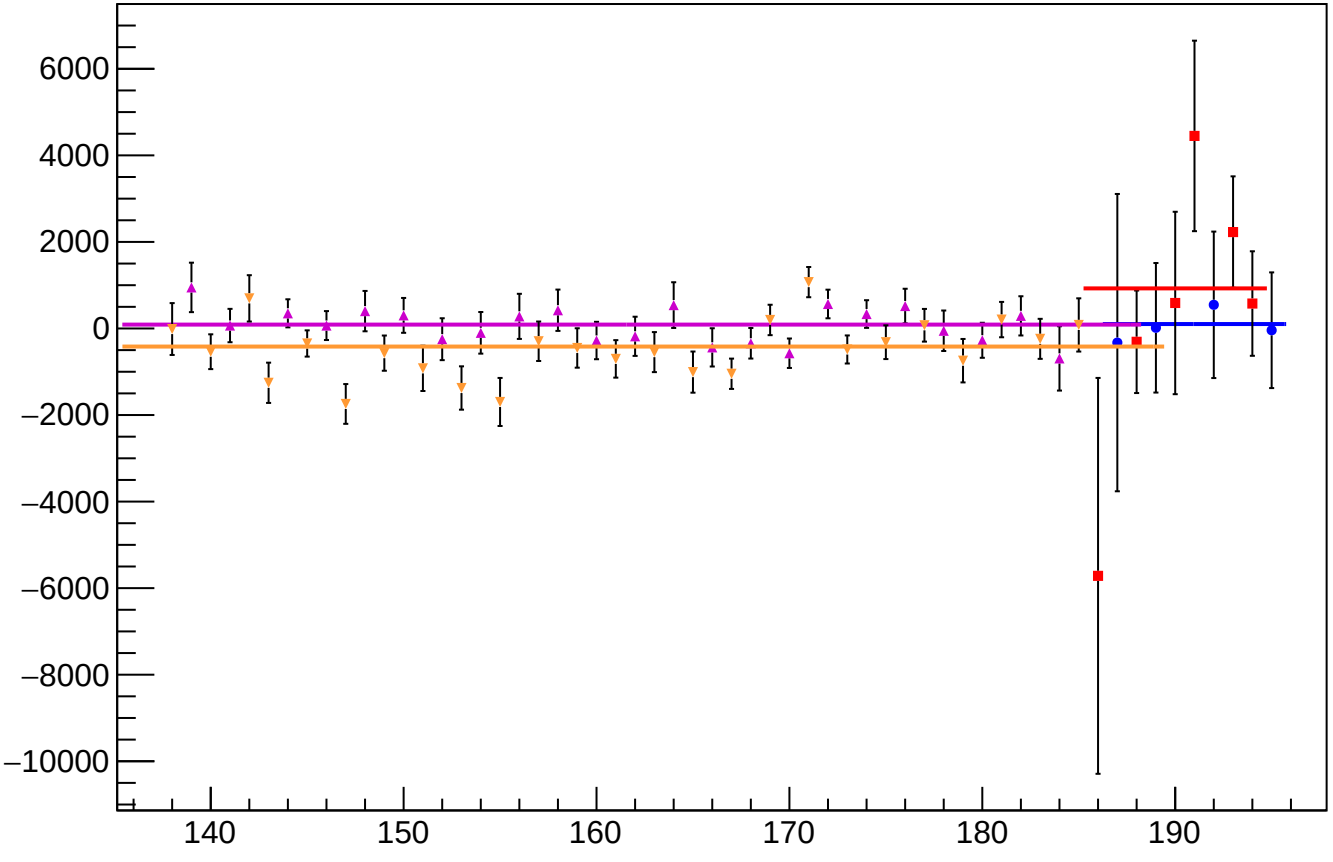
Right: 136.923+/-0.044 χ^2/NDF: 616627.9/9

In: 61.953+/-0.010 χ^2/NDF:2451945.1/26

Out: 61.334+/-0.010 χ^2/NDF:3923521.6/30

All: 61.627+/-0.007 χ^2/NDF: 6377331.8/57

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 102.427+/-833.292 χ^2/NDF: 0.1/3

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 926.110+/-634.813 χ^2/NDF: 6.9/5

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

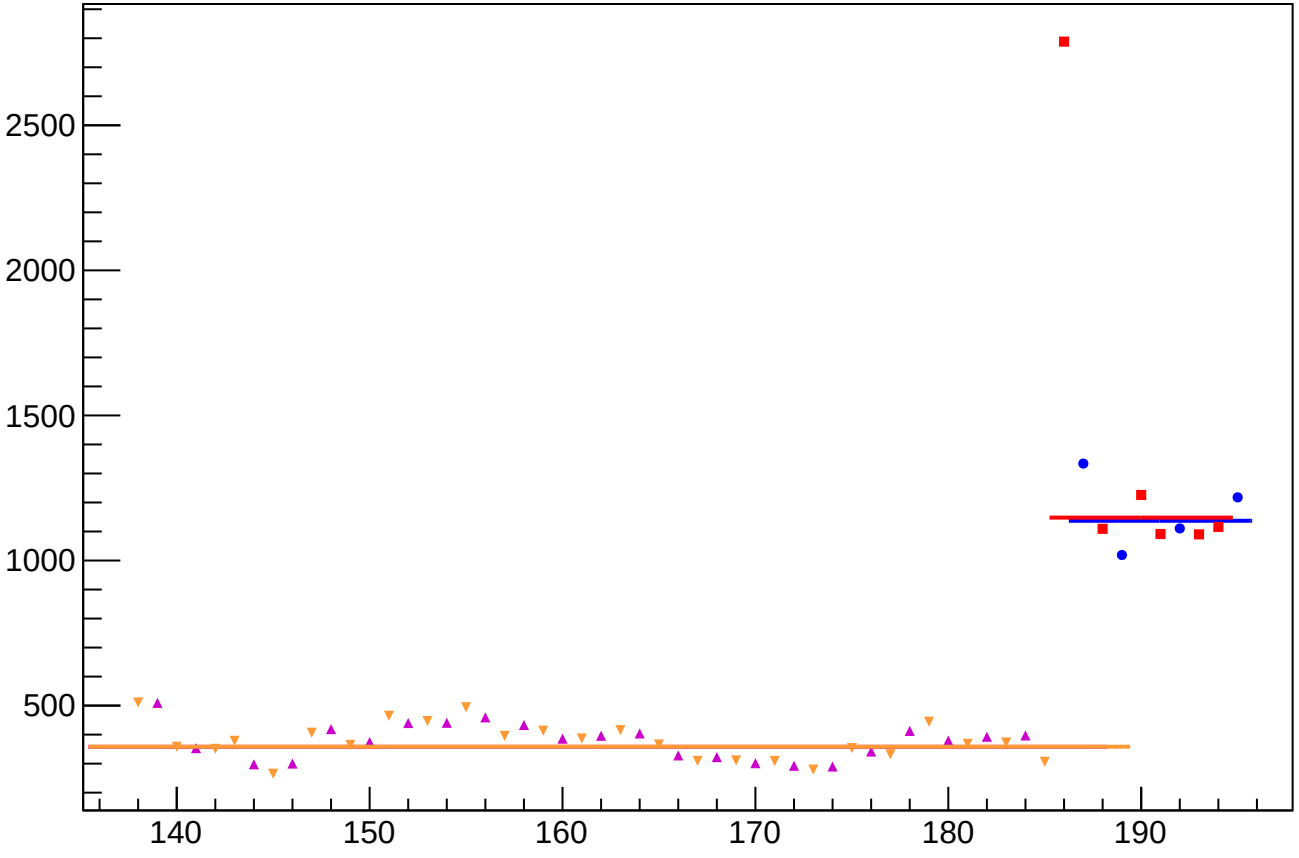
Right: 623.627+/-504.973 χ^2/NDF: 7.6/9

In: 89.643+/-85.977 χ^2/NDF:19.5/26

Out: -394.164+/-84.218 χ^2/NDF:69.8/30

All: -157.259+/-60.164 χ^2/NDF: 105.5/57

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1136.985+/-0.589 χ^2/NDF: 26805.1/3

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1147.924+/-0.449 χ^2/NDF: 268908.2/5

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

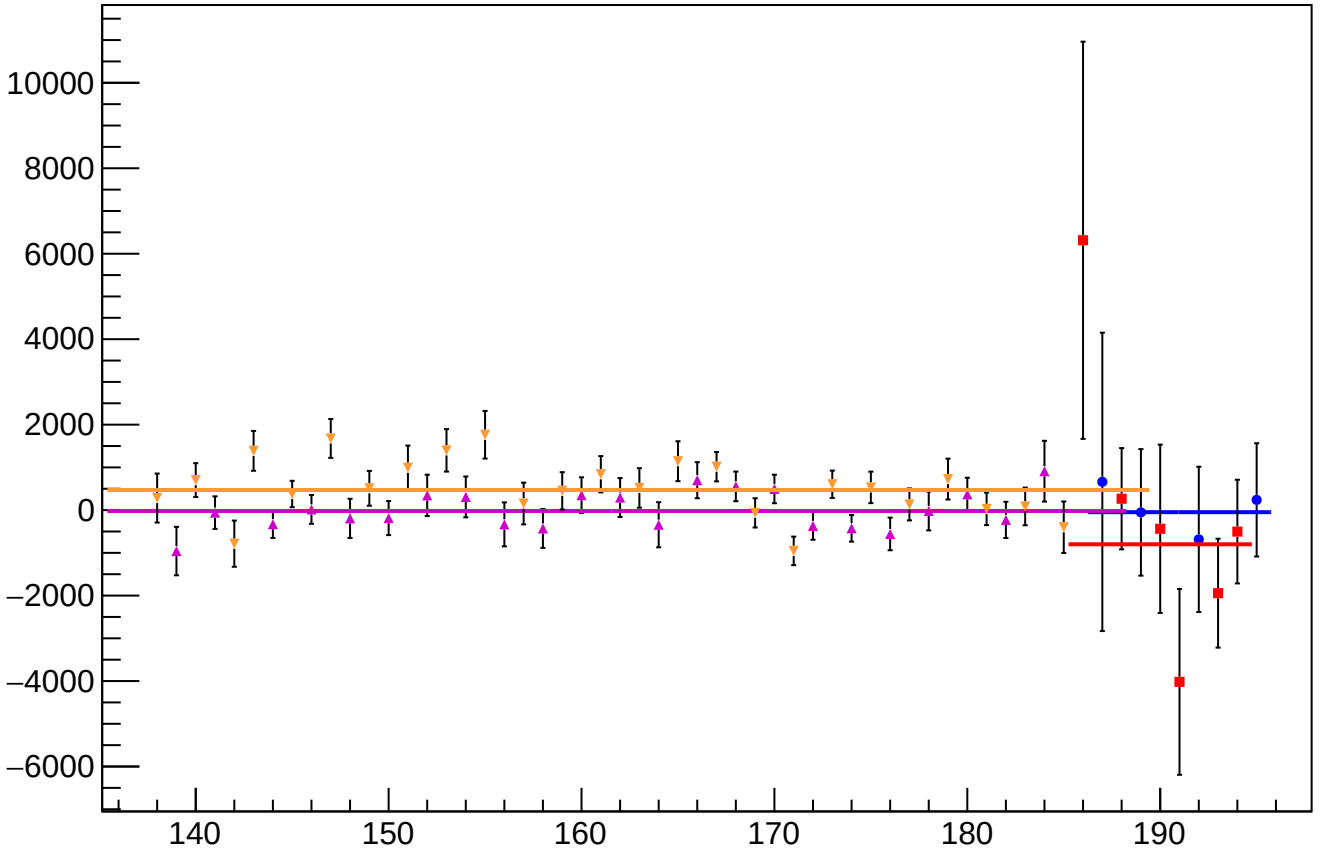
Right: 1143.907+/-0.357 χ^2/NDF: 295931.4/9

In: 366.096+/-0.061 χ^2/NDF:2650218.0/26

Out: 372.246+/-0.060 χ^2/NDF:4320361.0/30

All: 369.235+/-0.043 χ^2/NDF: 6975800.2/57

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -48.207+/-829.535 χ^2/NDF: 0.2/3

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -799.601+/-629.486 χ^2/NDF: 6.2/5

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

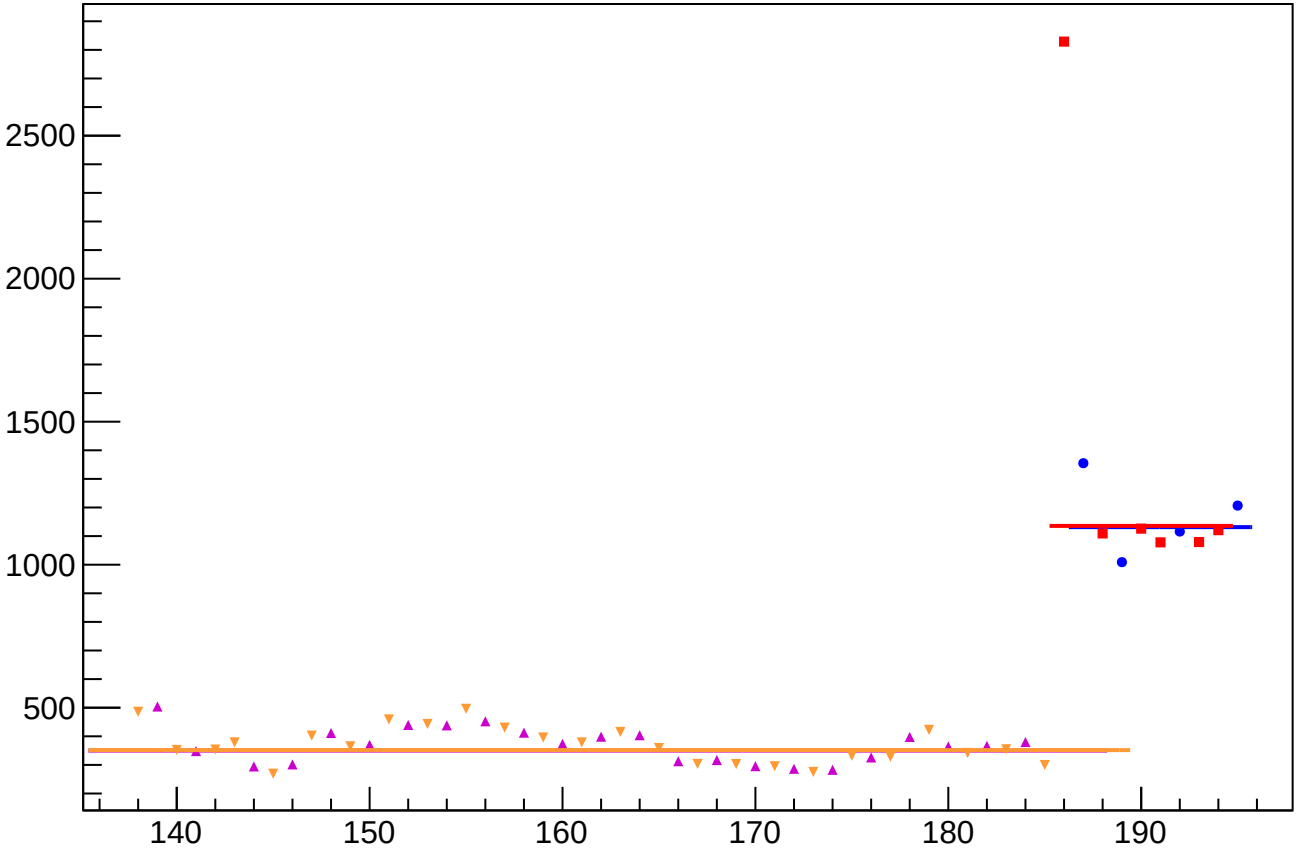
Right: -525.028+/-501.452 χ^2/NDF: 7.0/9

In: -19.625+/-84.242 χ^2/NDF:23.9/26

Out: 448.848+/-82.755 χ^2/NDF:68.9/30

All: 218.781+/-59.035 χ^2/NDF: 108.6/57

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1131.385+/-0.587 χ^2/NDF: 28508.6/3

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1135.666+/-0.445 χ^2/NDF: 272142.7/5

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

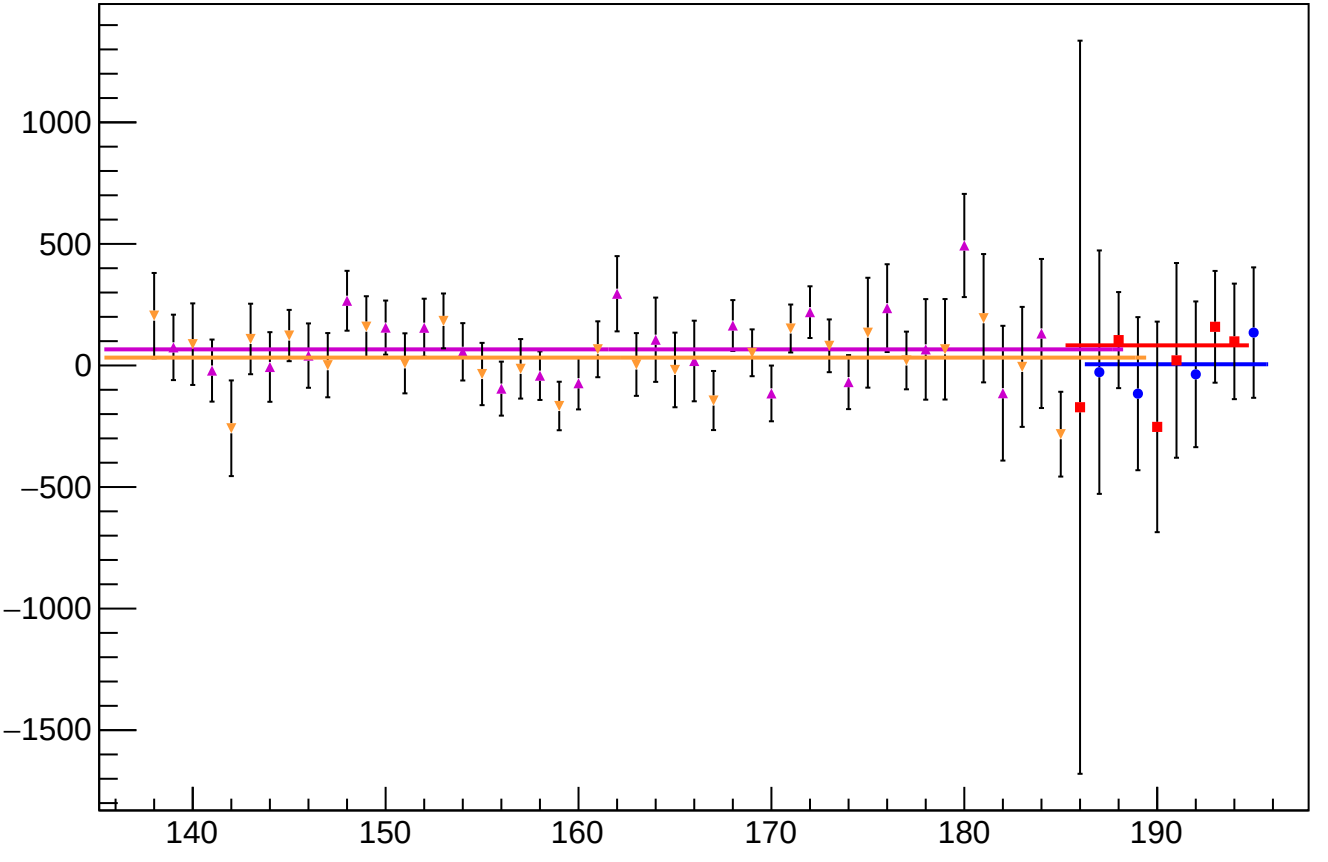
Right: 1134.102+/-0.355 χ^2/NDF: 300685.1/9

In: 358.095+/-0.060 χ^2/NDF:2674034.2/26

Out: 365.325+/-0.059 χ^2/NDF:4336801.8/30

All: 361.774+/-0.042 χ^2/NDF: 7018332.8/57

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.975+/-159.919 χ^2/NDF: 0.4/3

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: 82.747+/-116.045 χ^2/NDF: 0.8/5

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

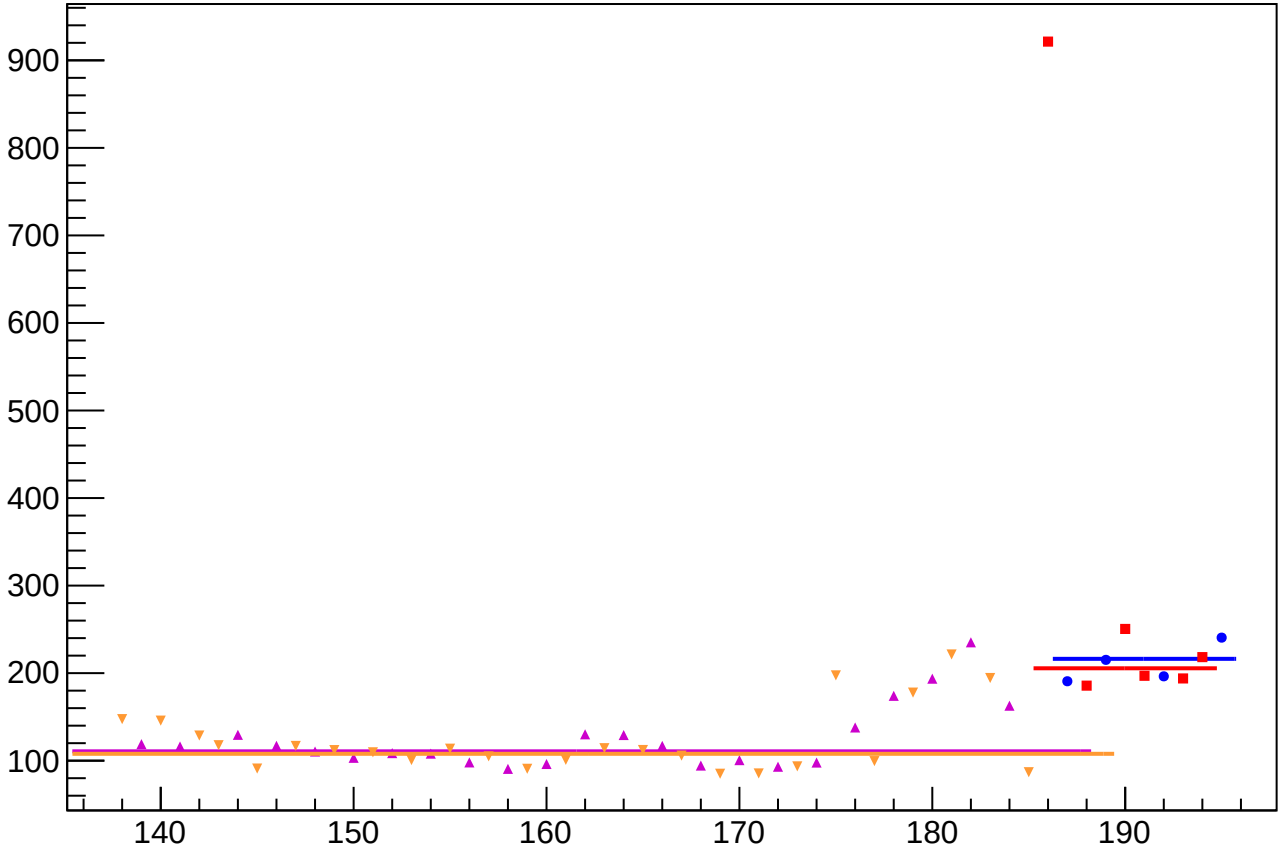
Right: 55.920+/-93.922 χ^2/NDF: 1.3/9

In: 64.500+/-27.055 χ^2/NDF:24.8/26

Out: 34.798+/-25.668 χ^2/NDF:20.5/30

All: 48.869+/-18.621 χ^2/NDF: 45.9/57

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 216.341+/-0.113 χ^2/NDF: 30441.4/3

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 205.538+/-0.082 χ^2/NDF: 504295.4/5

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

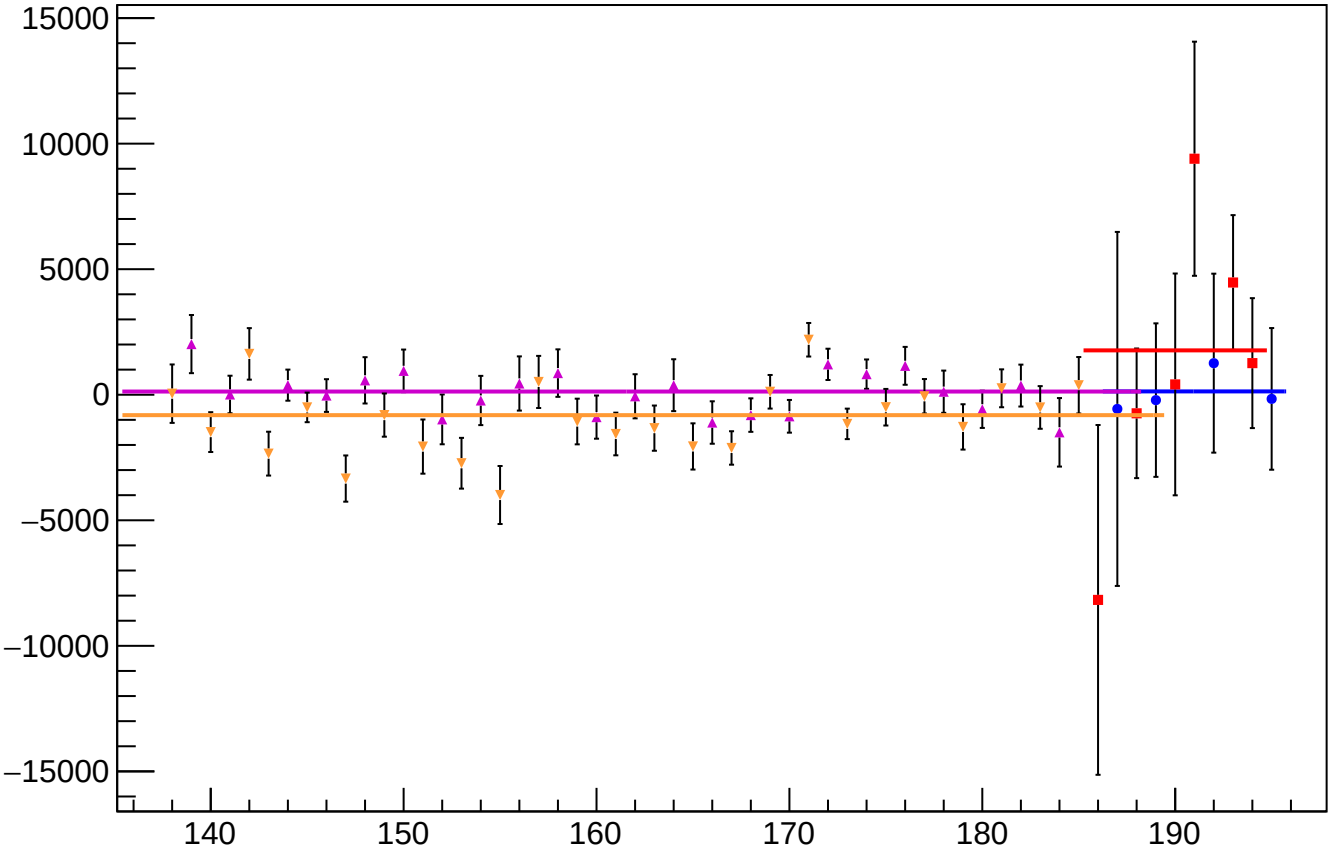
Right: 209.264+/-0.066 χ^2/NDF: 540714.9/9

In: 113.715+/-0.019 χ^2/NDF:2284949.1/26

Out: 112.632+/-0.018 χ^2/NDF:3685941.9/30

All: 113.145+/-0.013 χ^2/NDF: 5972578.1/57

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 132.716+/-1736.733 χ^2/NDF: 0.1/3

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 1766.745+/-1340.887 χ^2/NDF: 6.8/5

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

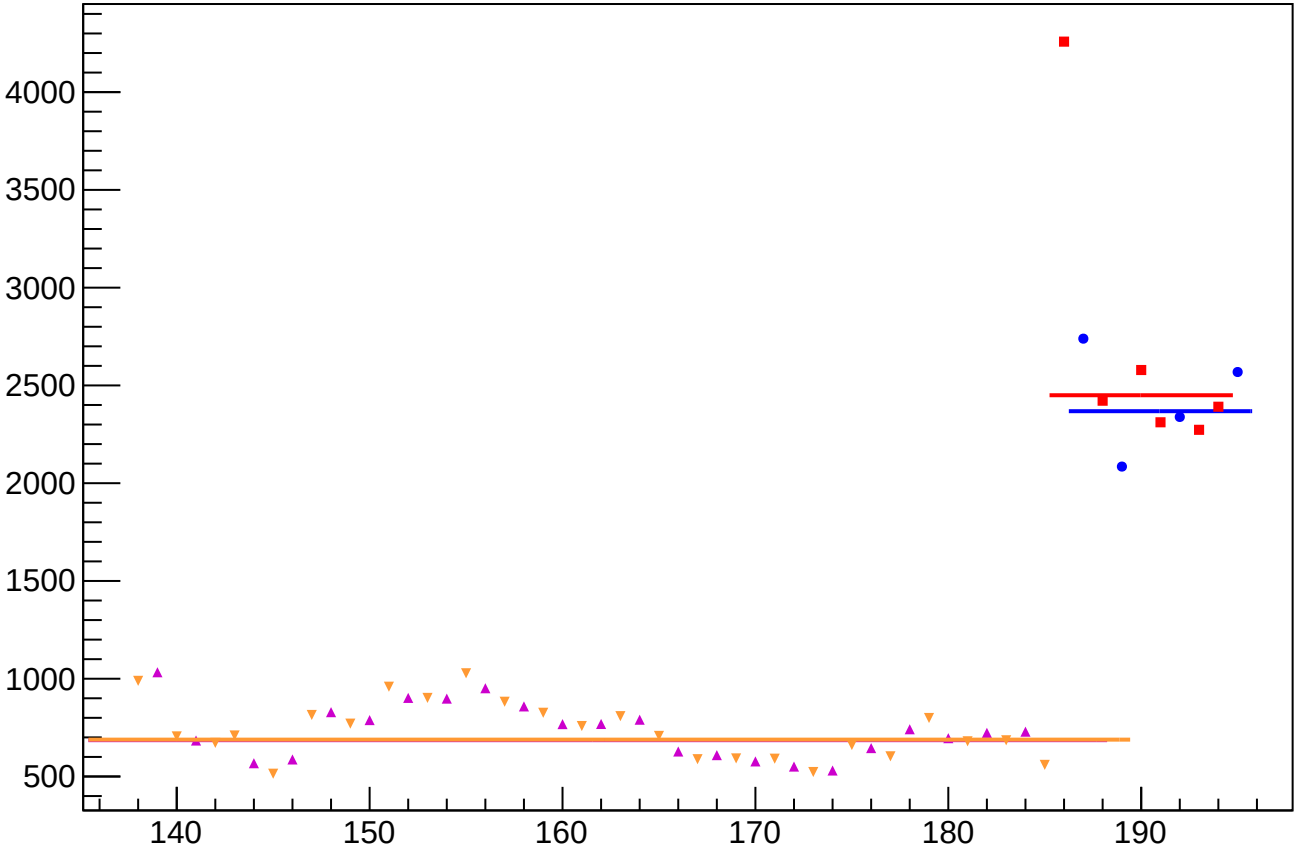
Right: 1156.481+/-1061.359 χ^2/NDF: 7.5/9

In: 127.475+/-165.551 χ^2/NDF:22.9/26

Out: -774.960+/-162.887 χ^2/NDF:76.6/30

All: -331.063+/-116.109 χ^2/NDF: 114.6/57

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2368.253+/-1.228 χ^2/NDF: 32938.2/3

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2449.823+/-0.948 χ^2/NDF: 148233.2/5

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

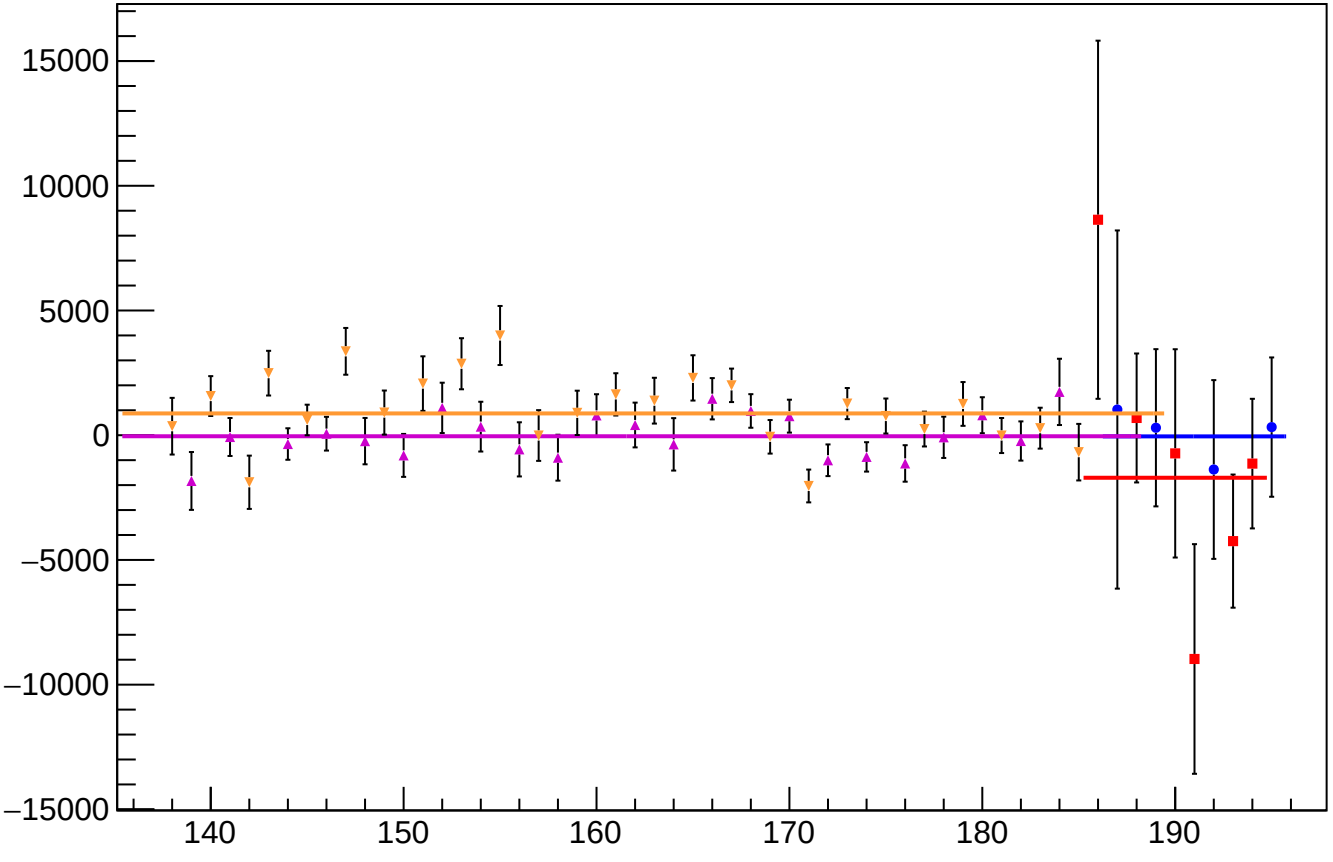
Right: 2419.359+/-0.750 χ^2/NDF: 183935.6/9

In: 701.022+/-0.117 χ^2/NDF:3049230.6/26

Out: 714.504+/-0.115 χ^2/NDF:4835796.5/30

All: 707.872+/-0.082 χ^2/NDF: 7891766.7/57

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -46.670+/-1750.882 χ^2/NDF: 0.2/3

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -1705.401+/-1333.704 χ^2/NDF: 6.4/5

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

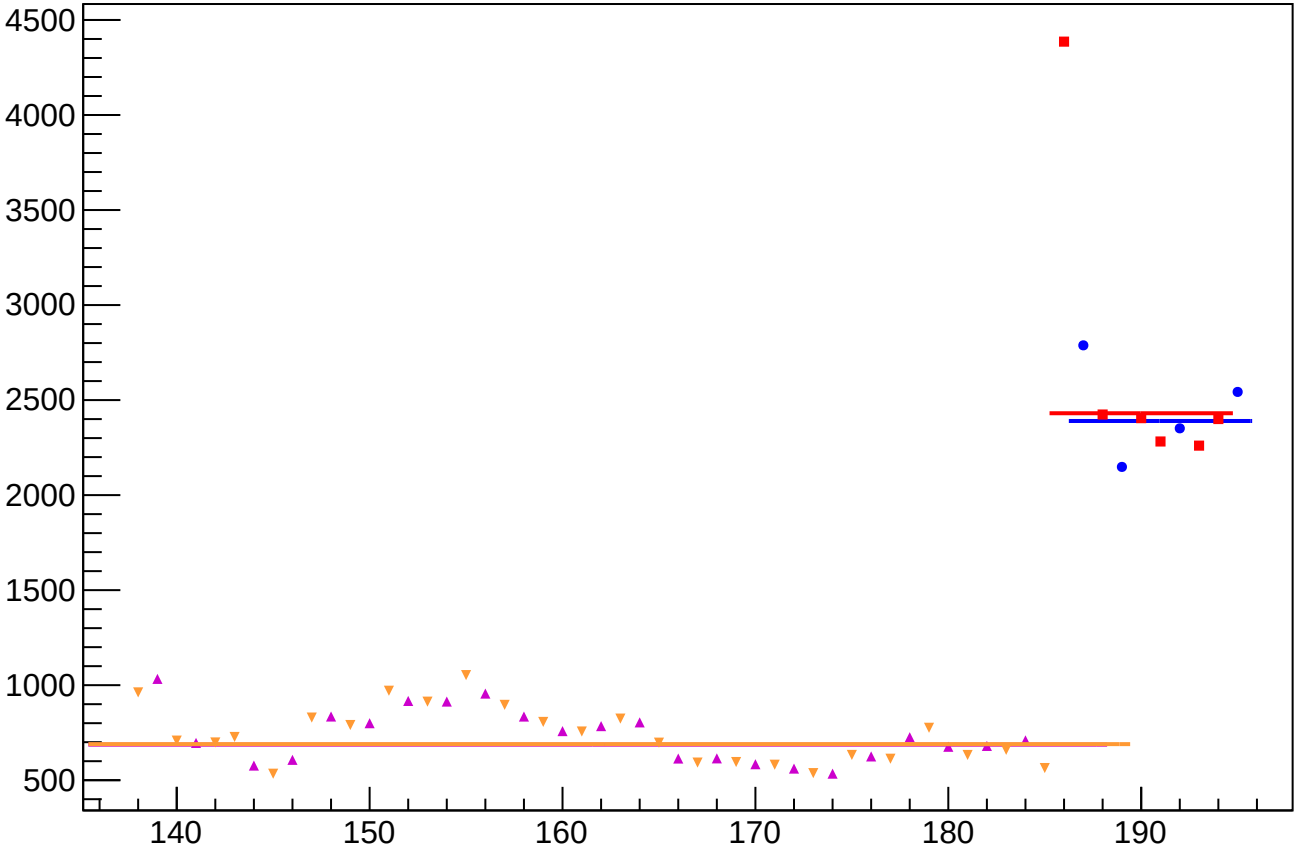
Right: -1096.342+/-1060.958 χ^2/NDF: 7.2/9

In: -41.568+/-165.977 χ^2/NDF:24.3/26

Out: 834.909+/-163.037 χ^2/NDF:74.2/30

All: 404.502+/-116.310 χ^2/NDF: 112.7/57

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2390.035+/-1.238 χ^2/NDF: 24136.5/3

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2430.765+/-0.943 χ^2/NDF: 158975.3/5

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

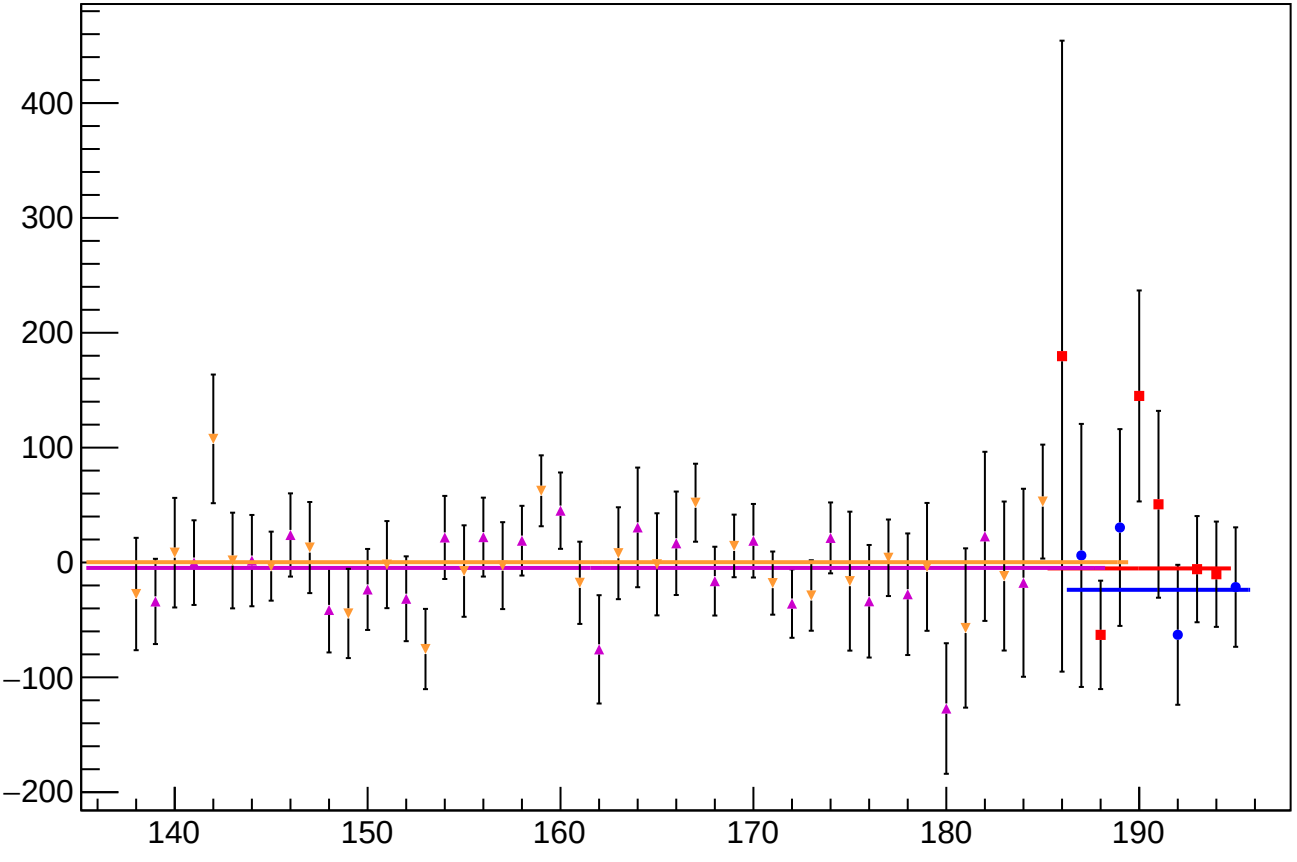
Right: 2415.810+/-0.750 χ^2/NDF: 183796.7/9

In: 702.248+/-0.117 χ^2/NDF:3015485.0/26

Out: 715.783+/-0.115 χ^2/NDF:4774722.0/30

All: 709.137+/-0.082 χ^2/NDF: 7796975.7/57

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -23.792+/-34.269 χ^2/NDF: 0.9/3

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: -5.168+/-24.429 χ^2/NDF: 5.1/5

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

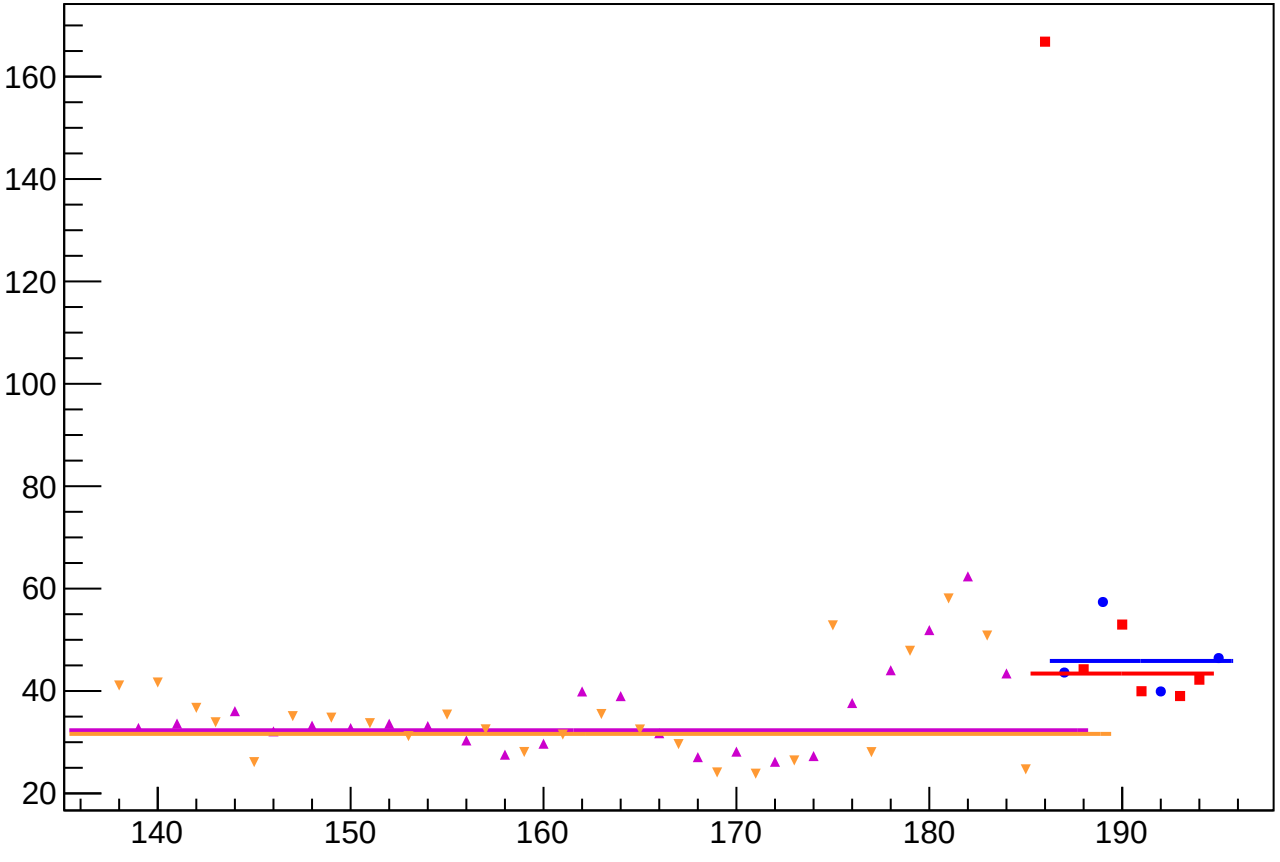
Right: -11.443+/-19.892 χ^2/NDF: 6.2/9

In: -5.724+/-7.768 χ^2/NDF:19.0/26

Out: -0.235+/-7.335 χ^2/NDF:25.6/30

All: -2.822+/-5.333 χ^2/NDF: 44.9/57

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 45.871+/-0.024 χ^2/NDF: 56246.9/3

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 43.408+/-0.017 χ^2/NDF: 449125.5/5

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

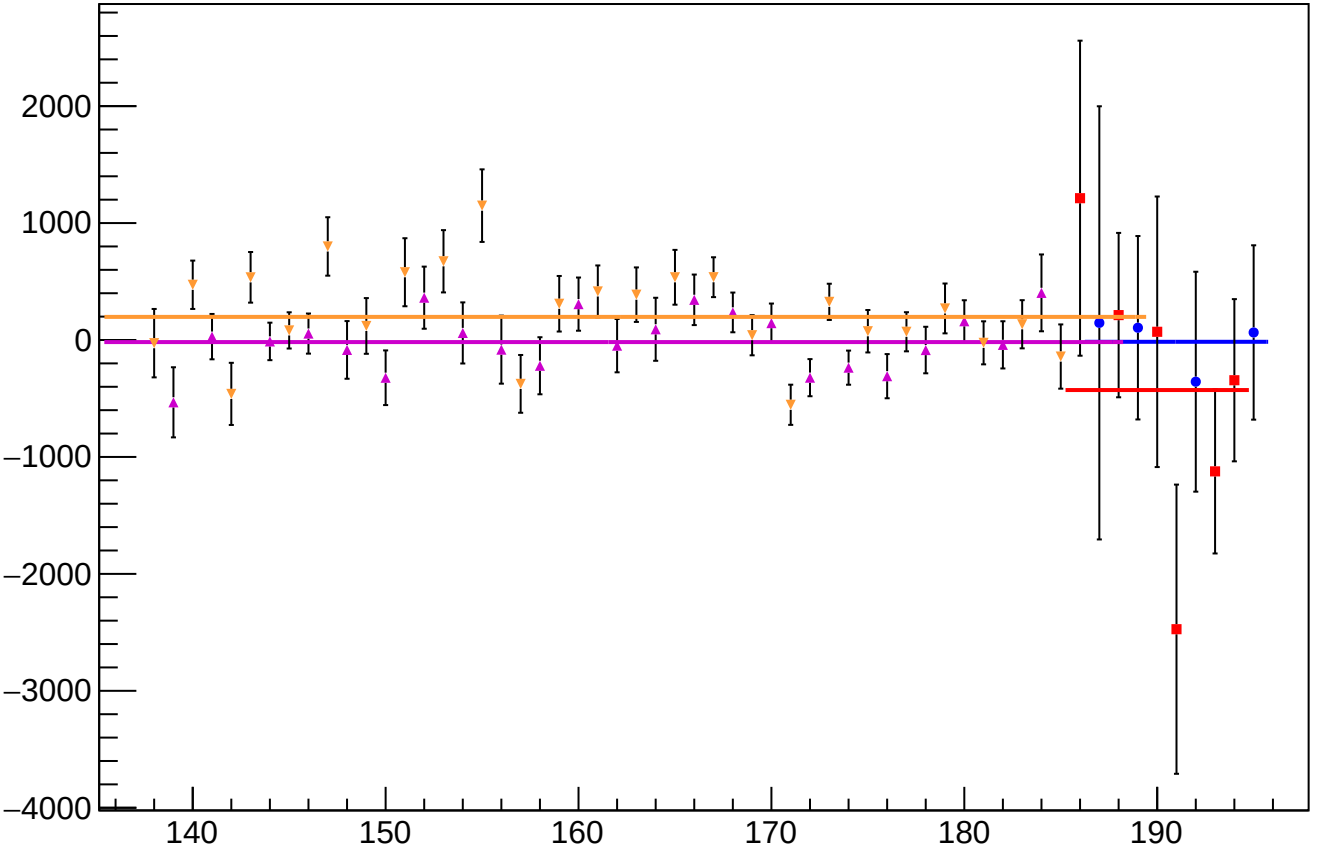
Right: 44.238+/-0.014 χ^2/NDF: 512224.9/9

In: 33.027+/-0.005 χ^2/NDF:1493929.7/26

Out: 32.687+/-0.005 χ^2/NDF:2545951.9/30

All: 32.847+/-0.004 χ^2/NDF: 4041907.9/57

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -15.282+/-454.197 χ^2/NDF: 0.2/3

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -427.893+/-351.712 χ^2/NDF: 6.2/5

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

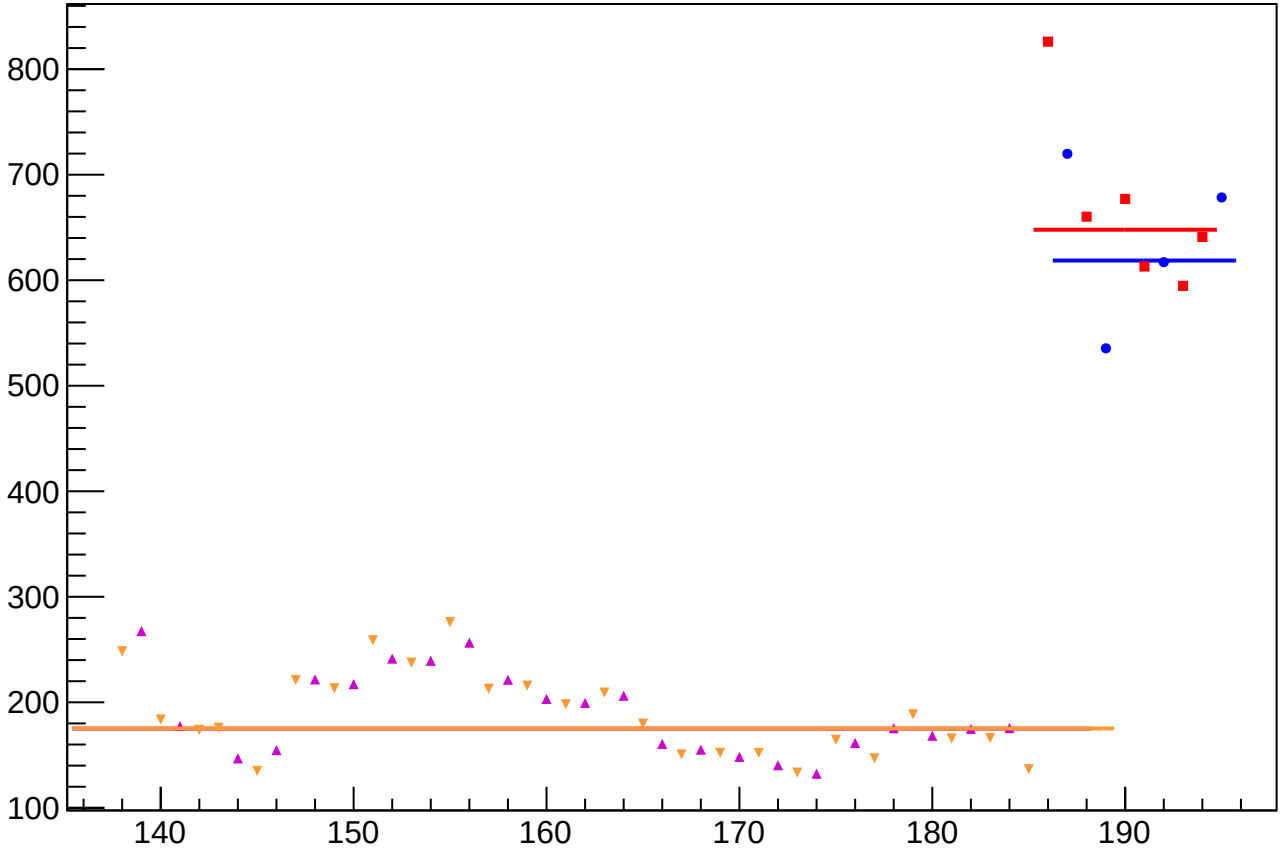
Right: -273.223+/-278.085 χ^2/NDF: 6.9/9

In: -17.720+/-42.390 χ^2/NDF:27.3/26

Out: 188.956+/-41.539 χ^2/NDF:79.2/30

All: 87.715+/-29.669 χ^2/NDF: 118.6/57

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 618.652+/-0.321 χ^2/NDF: 41333.5/3

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 647.840+/-0.249 χ^2/NDF: 50179.8/5

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

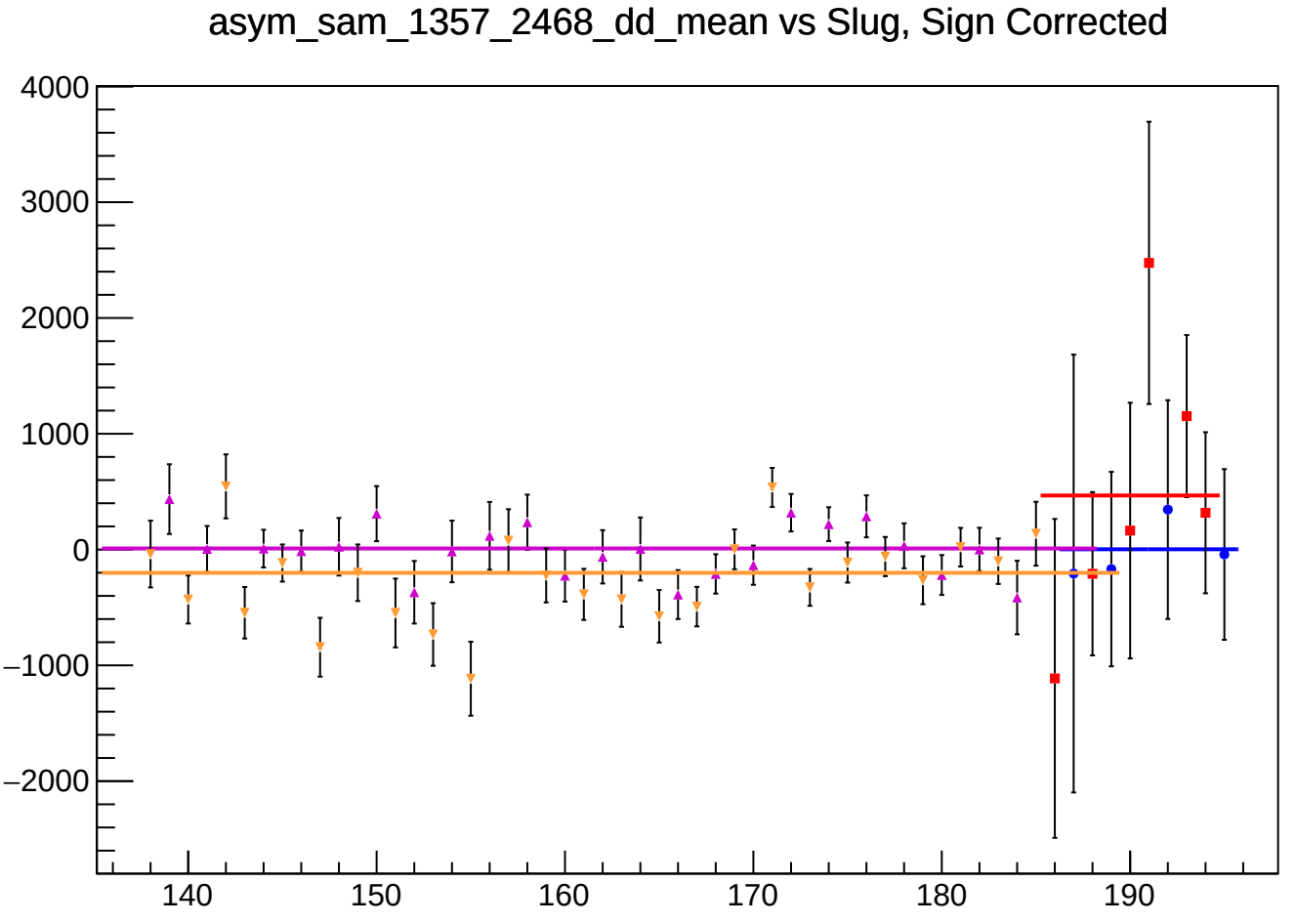
Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

Right: 636.899+/-0.197 χ^2/NDF: 96676.4/9

In: 178.915+/-0.030 χ^2/NDF:3272243.4/26

Out: 181.800+/-0.029 χ^2/NDF:5029661.8/30

All: 180.387+/-0.021 χ^2/NDF: 8306630.8/57



Right In: 2.569+/-463.193 χ^2/NDF: 0.2/3

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 467.010+/-350.475 χ^2/NDF: 6.0/5

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

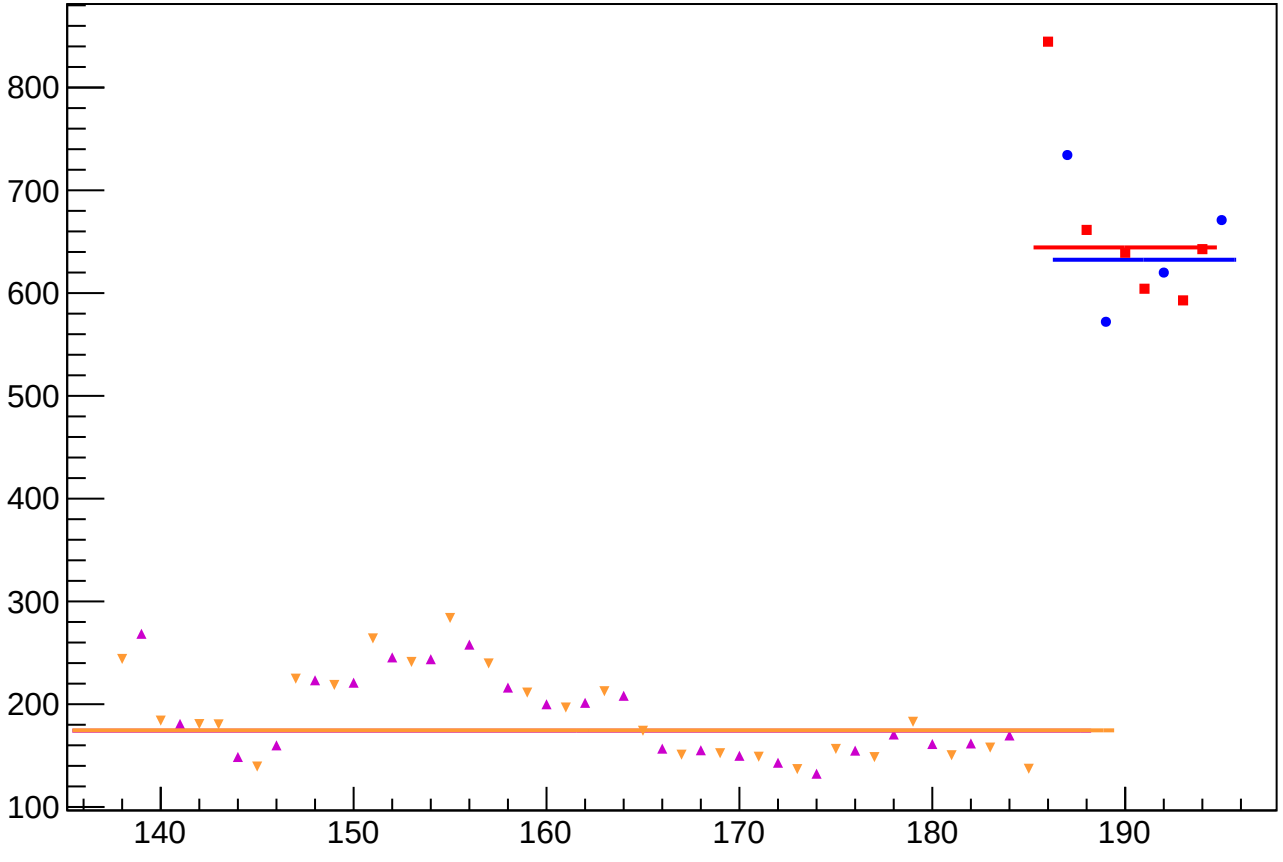
Right: 297.917+/-279.486 χ^2/NDF: 6.9/9

In: 9.327+/-42.260 χ^2/NDF:25.6/26

Out: -191.588+/-41.448 χ^2/NDF:75.1/30

All: -93.078+/-29.591 χ^2/NDF: 112.2/57

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 632.441+/-0.328 χ^2/NDF: 21983.5/3

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 644.431+/-0.248 χ^2/NDF: 56507.7/5

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

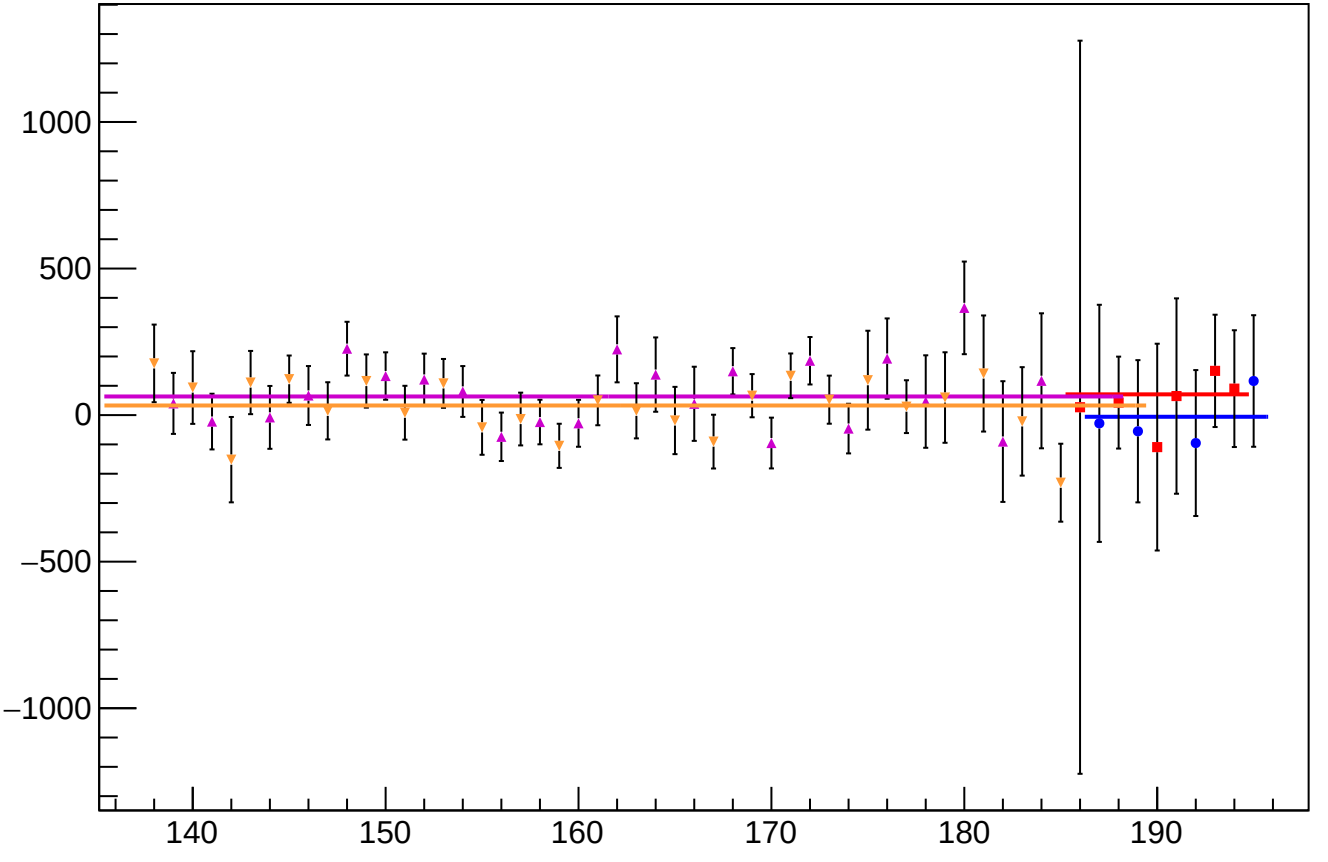
Right: 640.066+/-0.198 χ^2/NDF: 79343.5/9

In: 178.031+/-0.030 χ^2/NDF:3327613.5/26

Out: 181.138+/-0.029 χ^2/NDF:5133810.9/30

All: 179.615+/-0.021 χ^2/NDF: 8466935.3/57

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -5.689+/-130.089 χ^2/NDF: 0.5/3

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 70.803+/-95.012 χ^2/NDF: 0.5/5

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

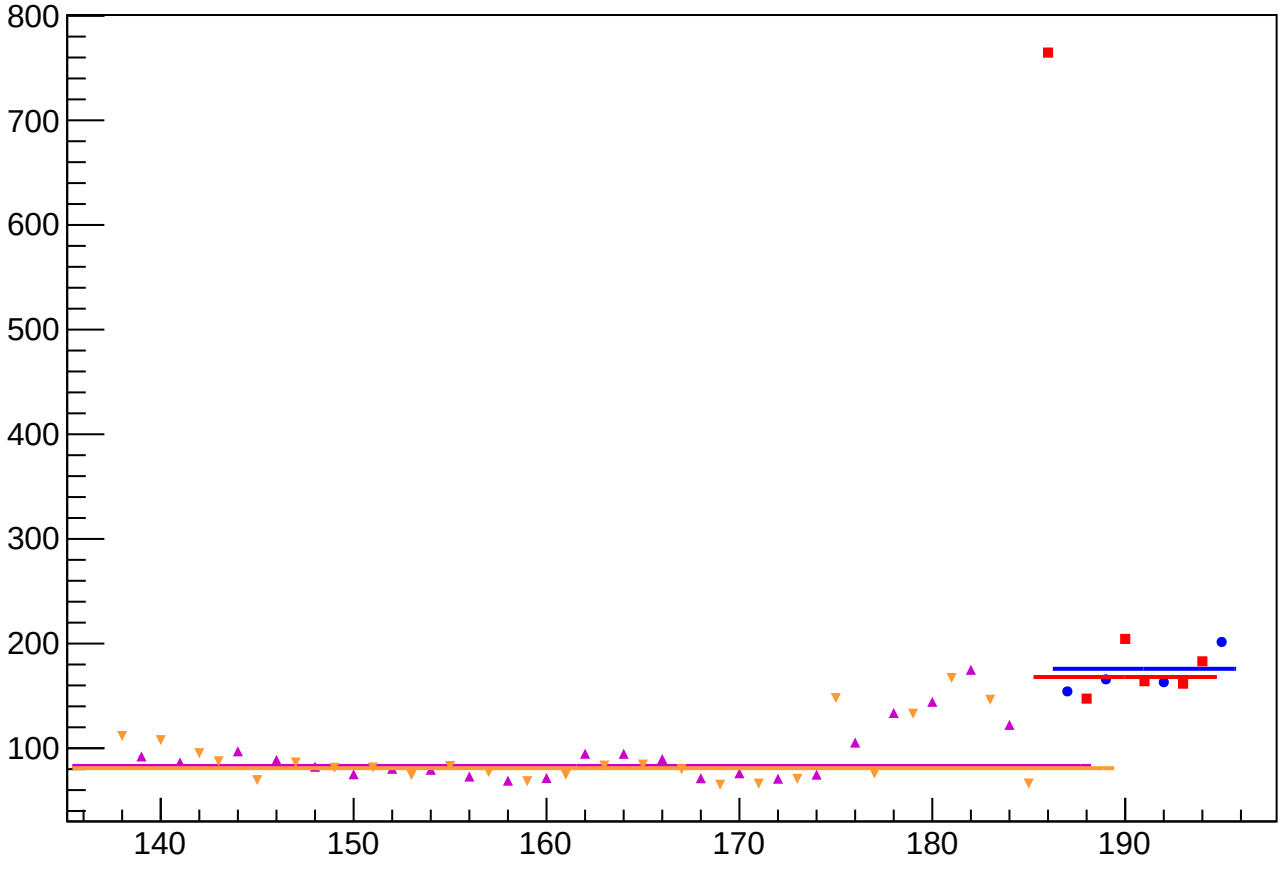
Right: 44.195+/-76.727 χ^2/NDF: 1.2/9

In: 61.876+/-20.321 χ^2/NDF:27.9/26

Out: 34.361+/-19.295 χ^2/NDF:20.2/30

All: 47.406+/-13.992 χ^2/NDF: 49.0/57

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 175.889+/-0.092 χ^2/NDF: 40605.0/3

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 168.059+/-0.067 χ^2/NDF: 525061.7/5

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

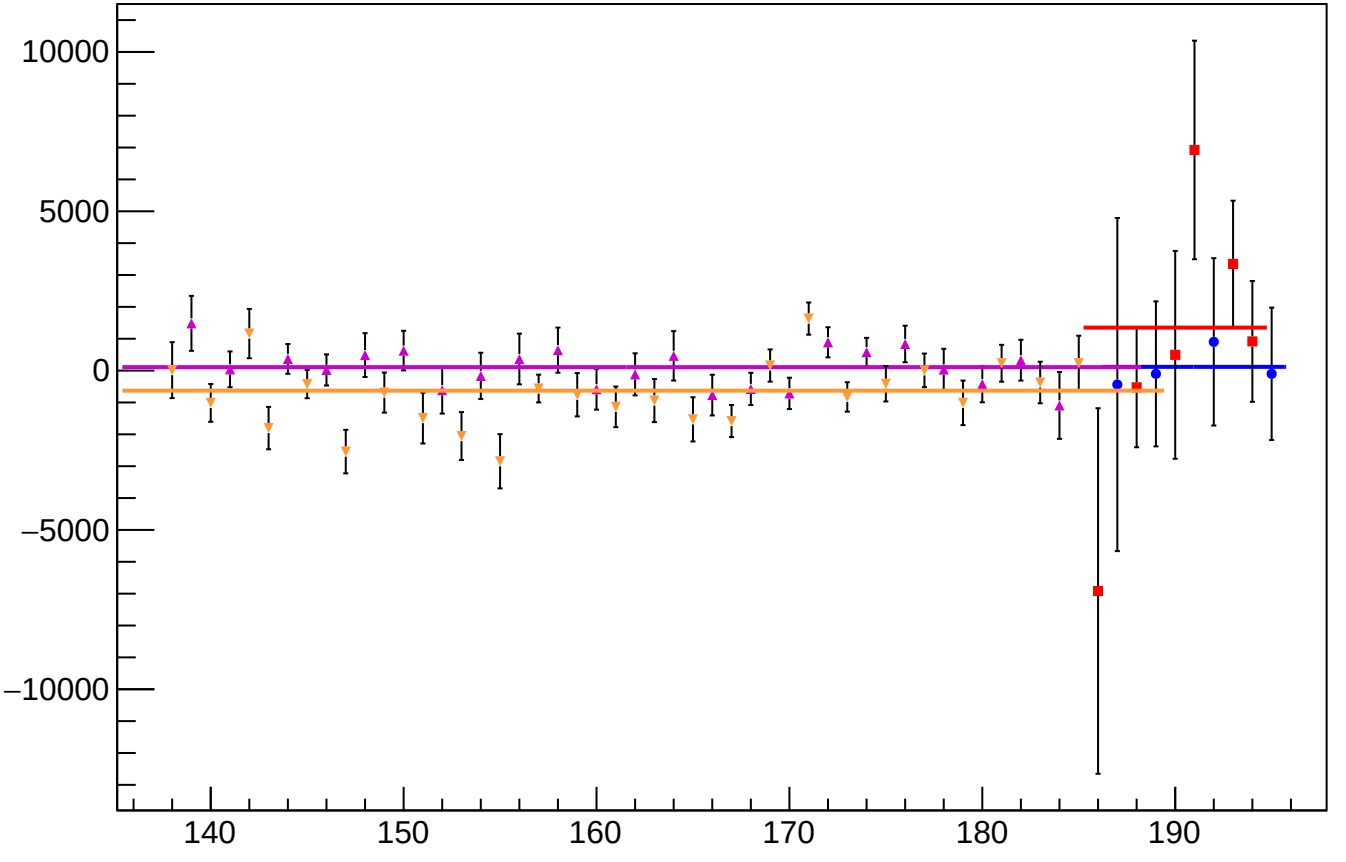
Right: 170.783+/-0.054 χ^2/NDF: 570391.2/9

In: 85.335+/-0.014 χ^2/NDF:2439045.3/26

Out: 84.520+/-0.014 χ^2/NDF:3898658.0/30

All: 84.907+/-0.010 χ^2/NDF: 6339397.4/57

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 117.469+/-1284.159 χ^2/NDF: 0.1/3

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 1349.455+/-988.142 χ^2/NDF: 6.8/5

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

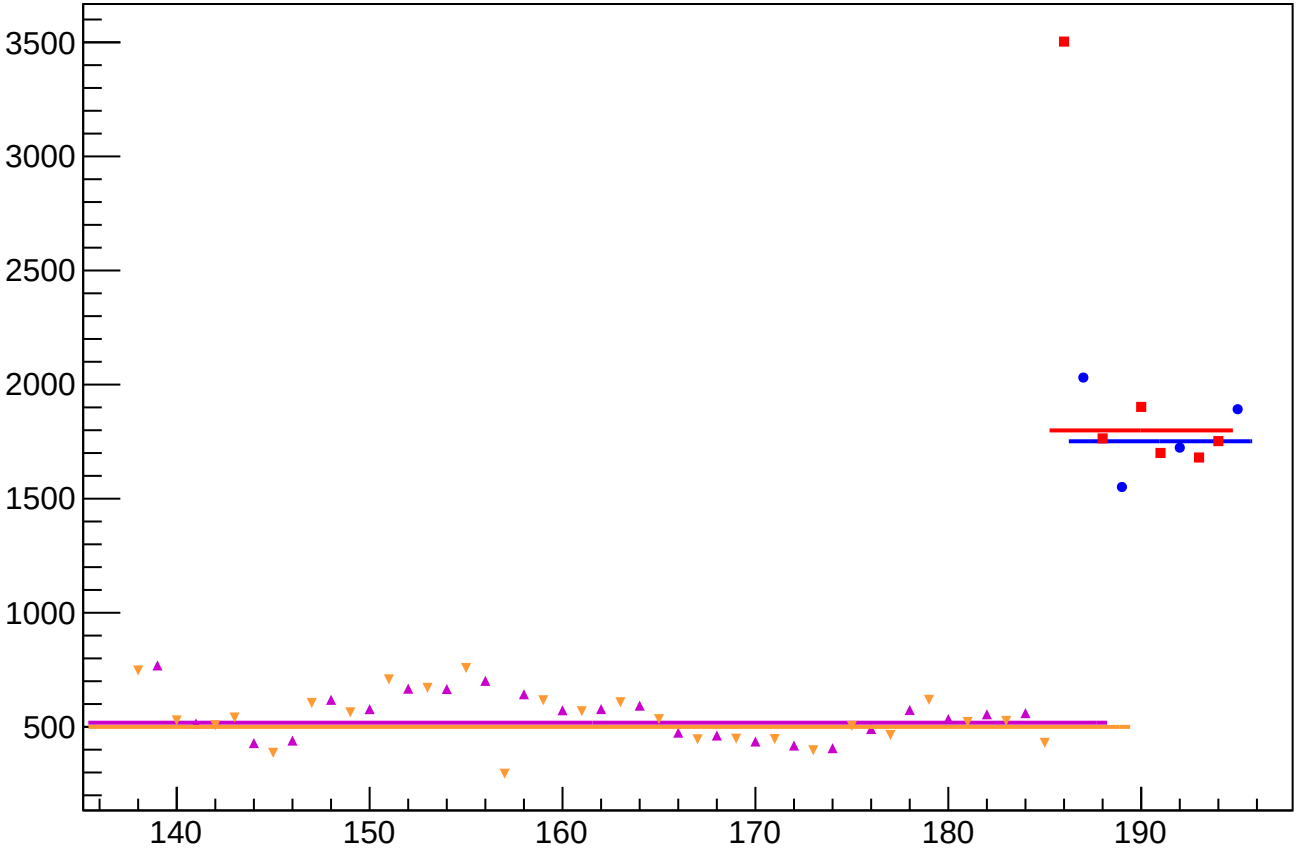
Right: 891.277+/-783.129 χ^2/NDF: 7.5/9

In: 108.903+/-124.932 χ^2/NDF:21.6/26

Out: -599.964+/-119.719 χ^2/NDF:74.0/30

All: -260.626+/-86.438 χ^2/NDF: 112.3/57

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 1751.580+/-0.908 χ^2/NDF: 30597.4/3

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1799.148+/-0.699 χ^2/NDF: 189208.6/5

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

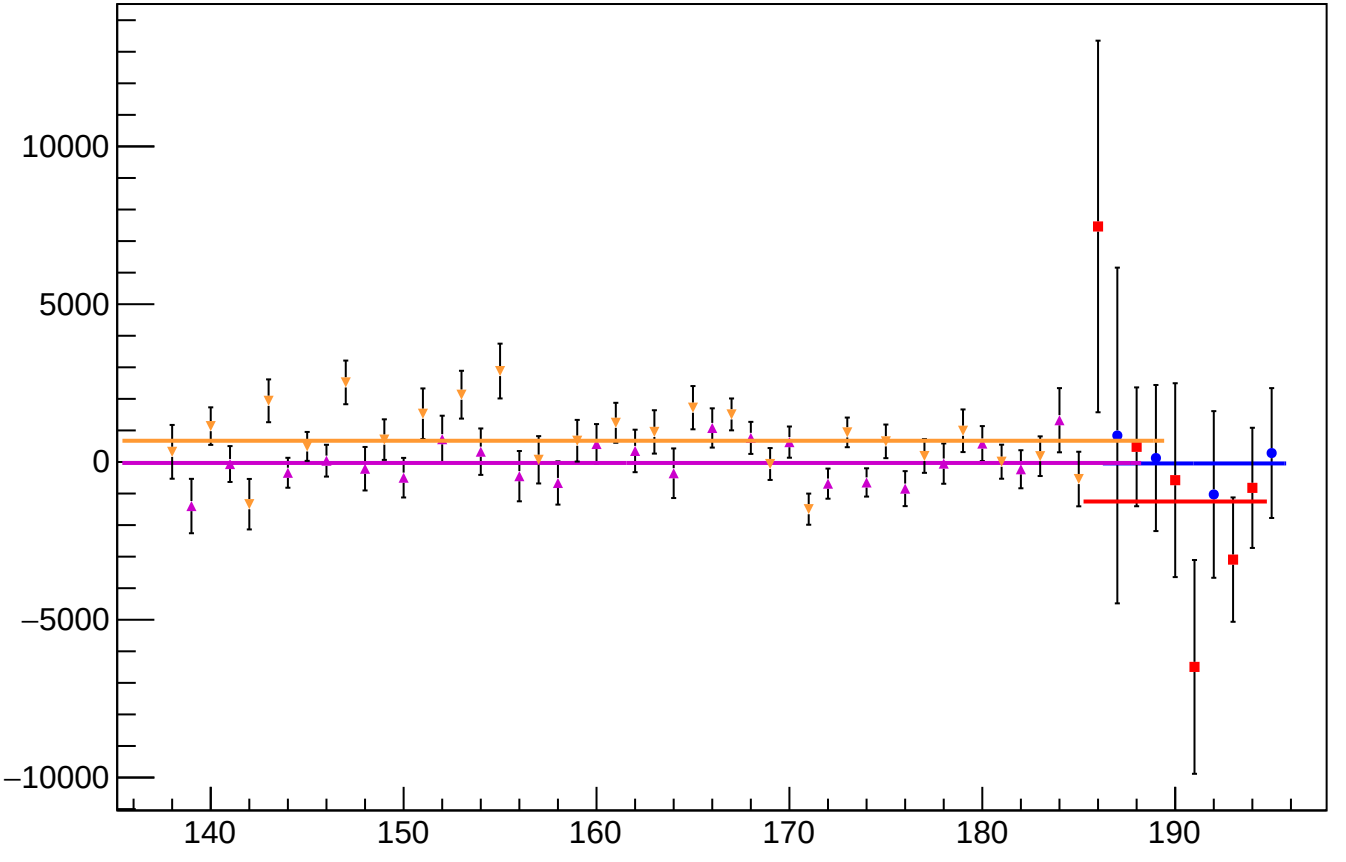
Right: 1781.457+/-0.554 χ^2/NDF: 221529.7/9

In: 529.917+/-0.088 χ^2/NDF:2929953.5/26

Out: 518.886+/-0.085 χ^2/NDF:5223047.8/30

All: 524.167+/-0.061 χ^2/NDF: 8161130.7/57

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -46.125+/-1289.327 χ^2/NDF: 0.2/3

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -1252.605+/-981.875 χ^2/NDF: 6.4/5

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

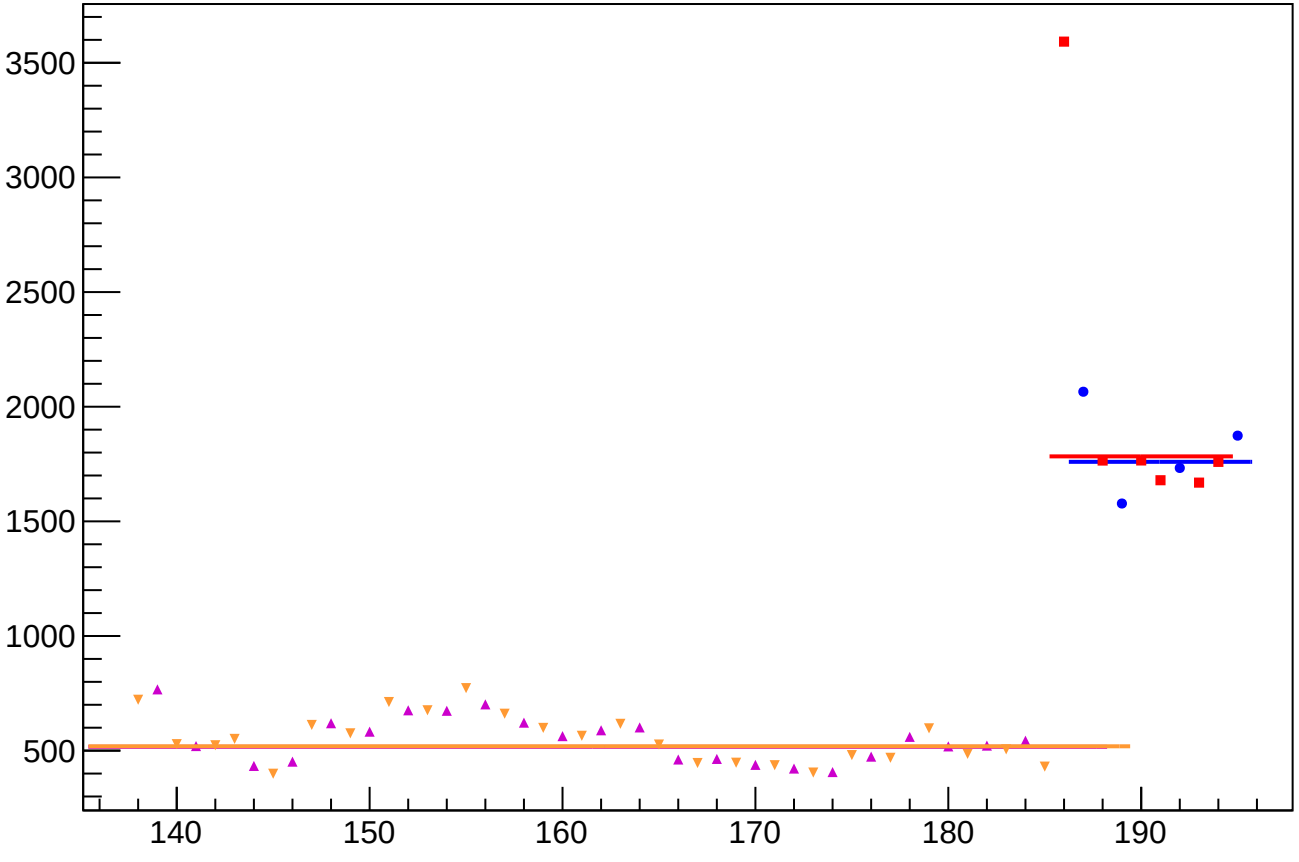
Right: -809.747+/-781.152 χ^2/NDF: 7.2/9

In: -31.197+/-124.650 χ^2/NDF:24.0/26

Out: 642.551+/-122.464 χ^2/NDF:73.0/30

All: 311.636+/-87.358 χ^2/NDF: 111.9/57

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1759.626+/-0.912 χ^2/NDF: 25308.3/3

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1783.399+/-0.694 χ^2/NDF: 197980.4/5

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

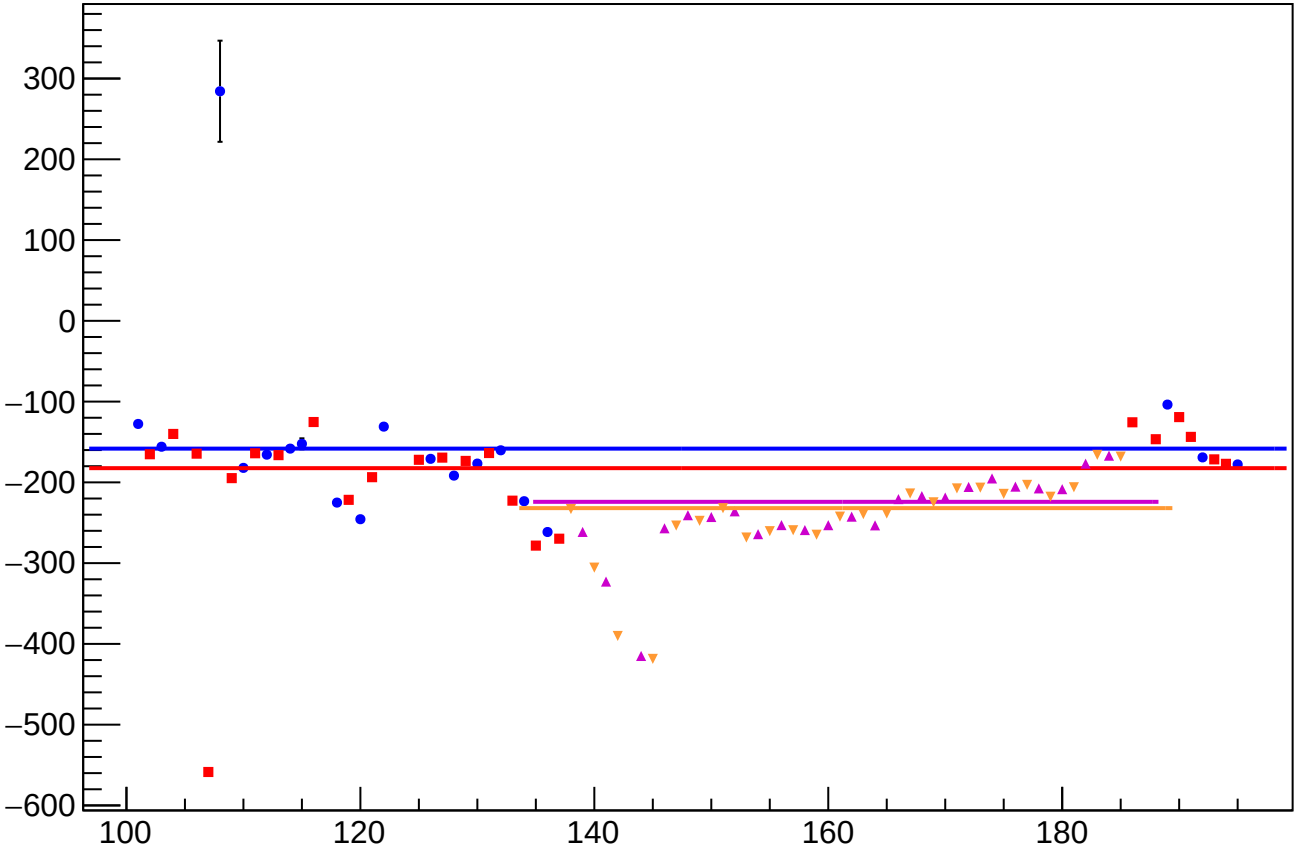
Right: 1774.673+/-0.552 χ^2/NDF: 223719.1/9

In: 528.212+/-0.088 χ^2/NDF:2902981.0/26

Out: 538.605+/-0.087 χ^2/NDF:4635882.4/30

All: 533.501+/-0.062 χ^2/NDF: 7545938.2/57

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 120756.0/18

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -182.416+/-0.108 χ^2/NDF: 163136.6/22

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

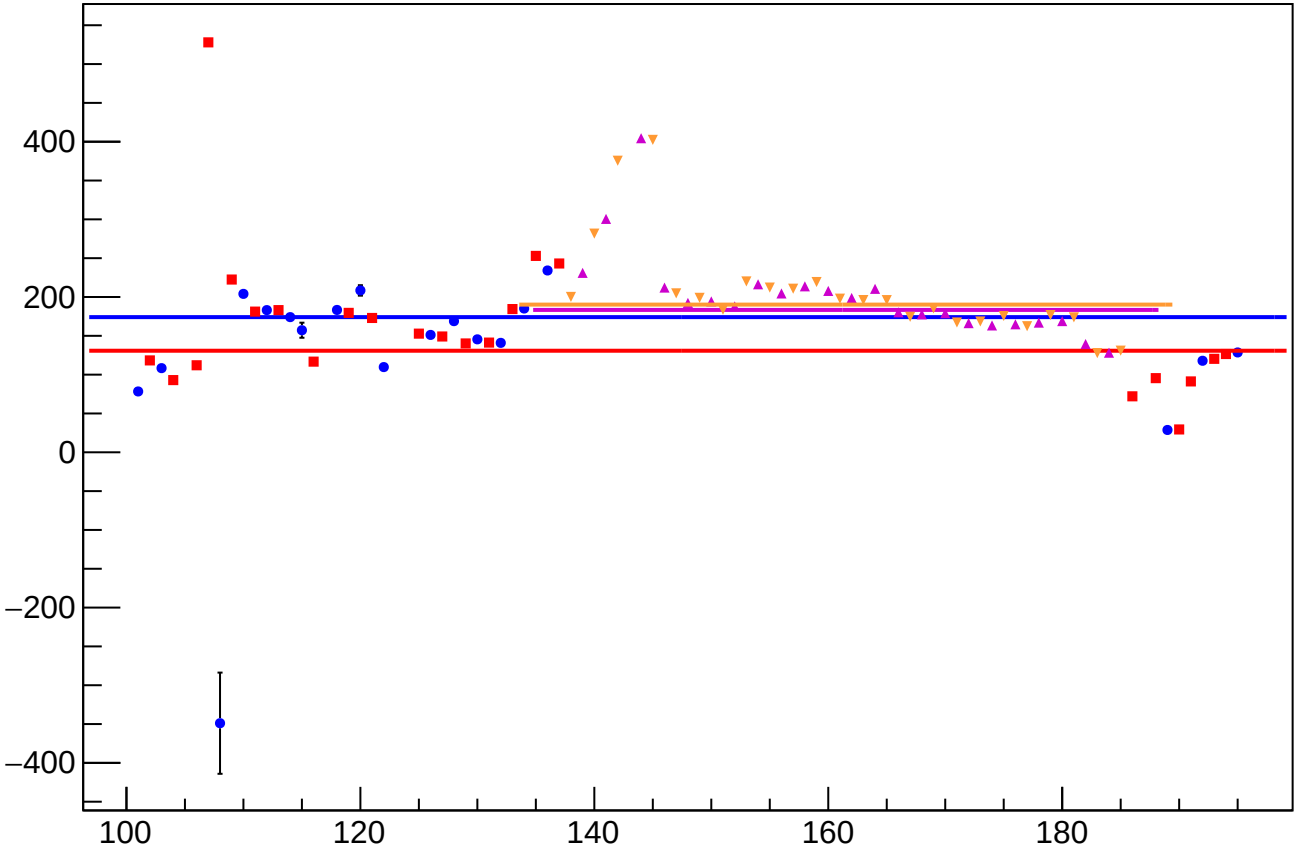
Right: -158.222+/-0.000 χ^2/NDF: 333932.1/41

In: -158.222+/-0.000 χ^2/NDF:723426.7/41

Out: -207.161+/-0.076 χ^2/NDF:378292.4/46

All: -158.222+/-0.000 χ^2/NDF: 1511239.9/88

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 71650.8/18

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 130.803+/-0.109 χ^2/NDF: 158616.5/22

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

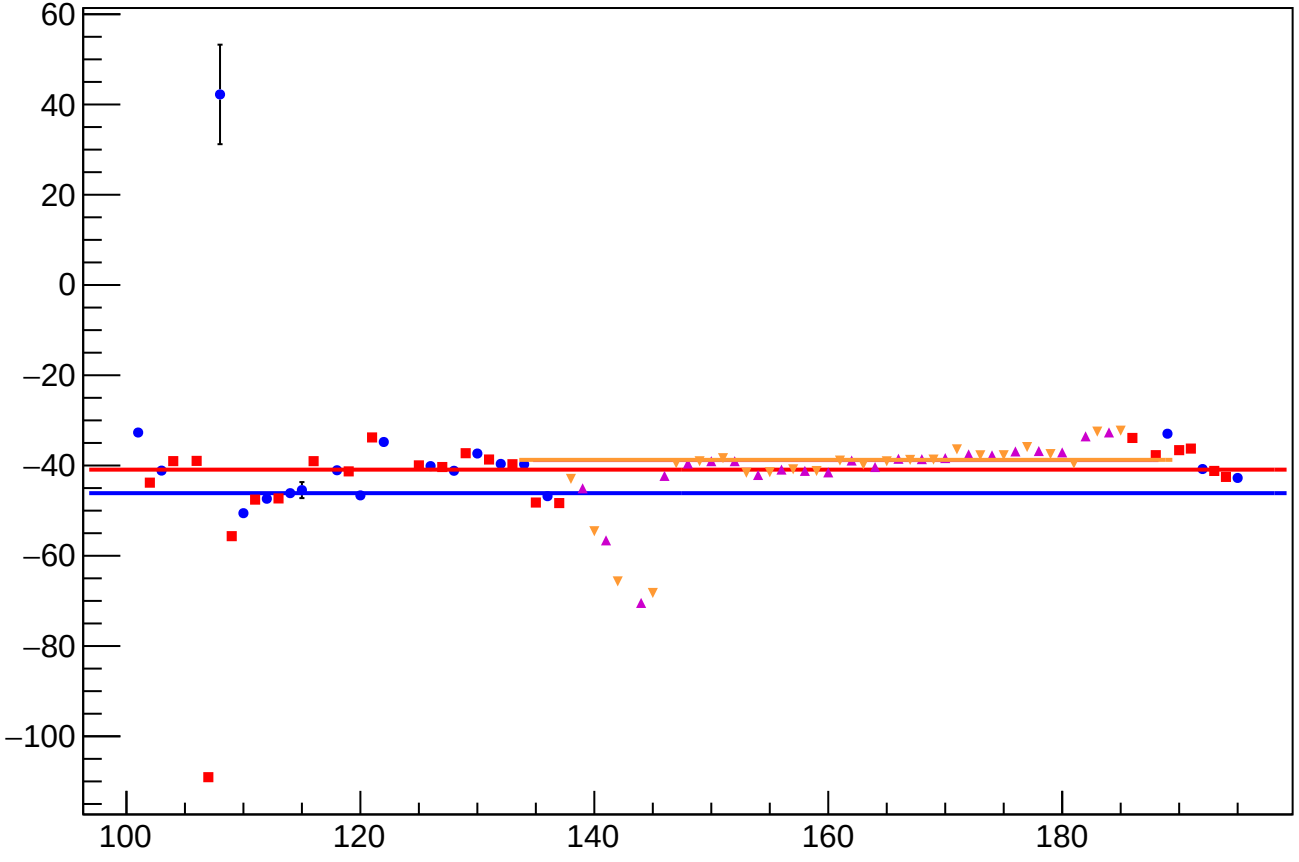
Right: 174.085+/-0.000 χ^2/NDF: 388554.4/41

In: 174.085+/-0.000 χ^2/NDF:235878.4/41

Out: 160.539+/-0.077 χ^2/NDF:407487.5/46

All: 174.085+/-0.000 χ^2/NDF: 674409.1/88

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 414925.0/18

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -40.915+/-0.013 χ^2/NDF: 302610.2/22

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

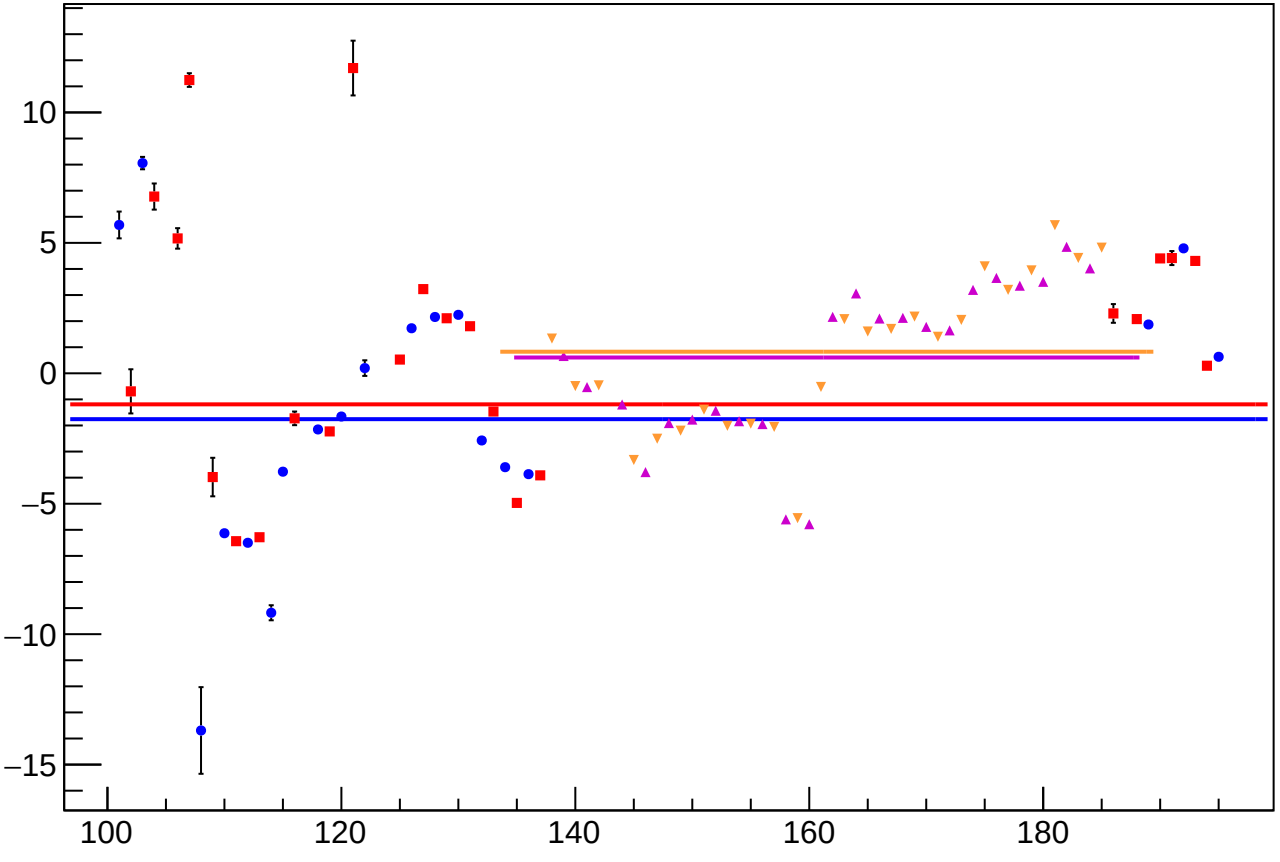
Right: -46.126+/-0.000 χ^2/NDF: 871724.5/41

In: -46.126+/-0.000 χ^2/NDF:1992653.1/41

Out: -39.101+/-0.005 χ^2/NDF:725591.7/46

All: -46.126+/-0.000 χ^2/NDF: 4427275.8/88

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -1.758+/-0.017 χ^2/NDF: 31146.4/18

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.190+/-0.020 χ^2/NDF: 35370.6/22

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

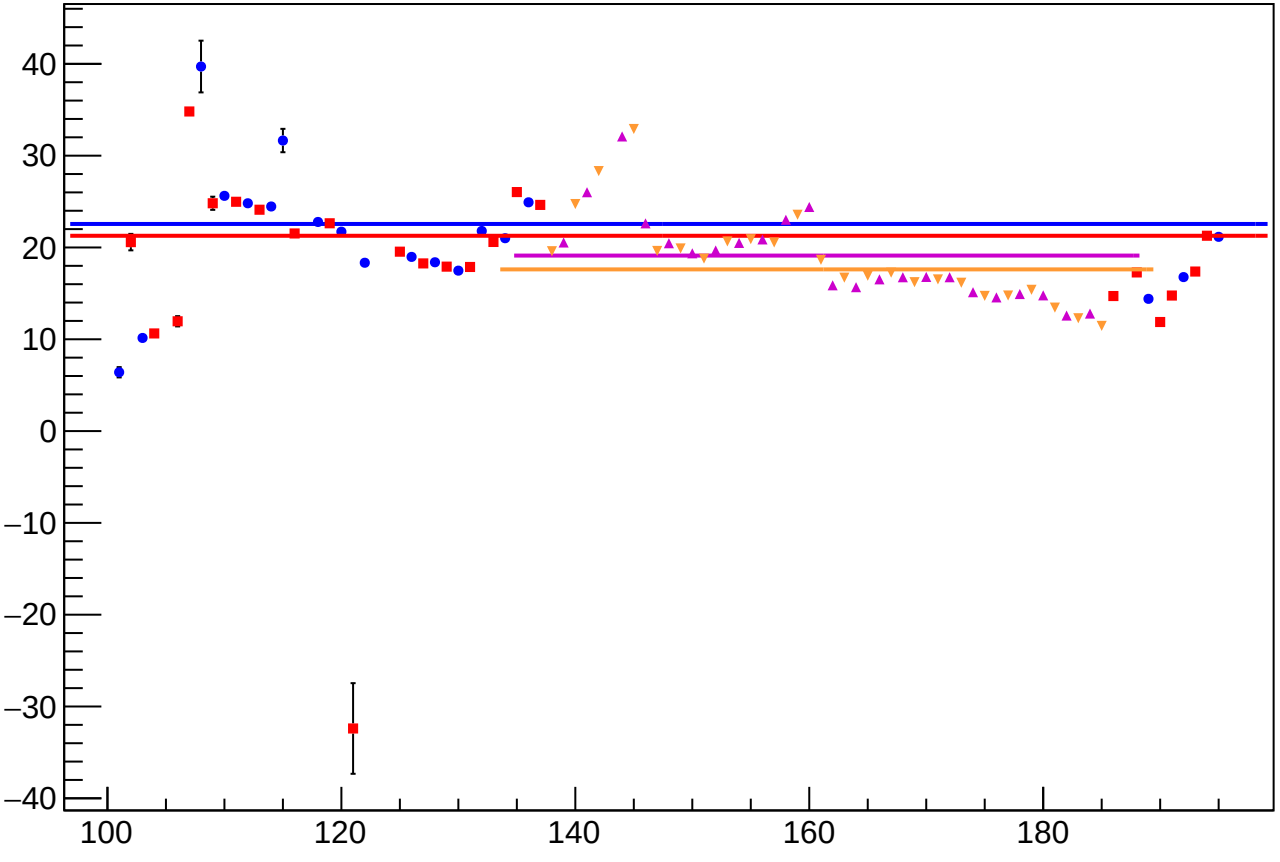
Right: -1.517+/-0.013 χ^2/NDF: 66975.4/41

In: 0.420+/-0.005 χ^2/NDF:379640.8/41

Out: 0.657+/-0.006 χ^2/NDF:299876.5/46

All: 0.516+/-0.004 χ^2/NDF: 680485.4/88

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.561+/-0.018 χ^2/NDF: 25339.2/18

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.274+/-0.020 χ^2/NDF: 28137.7/22

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

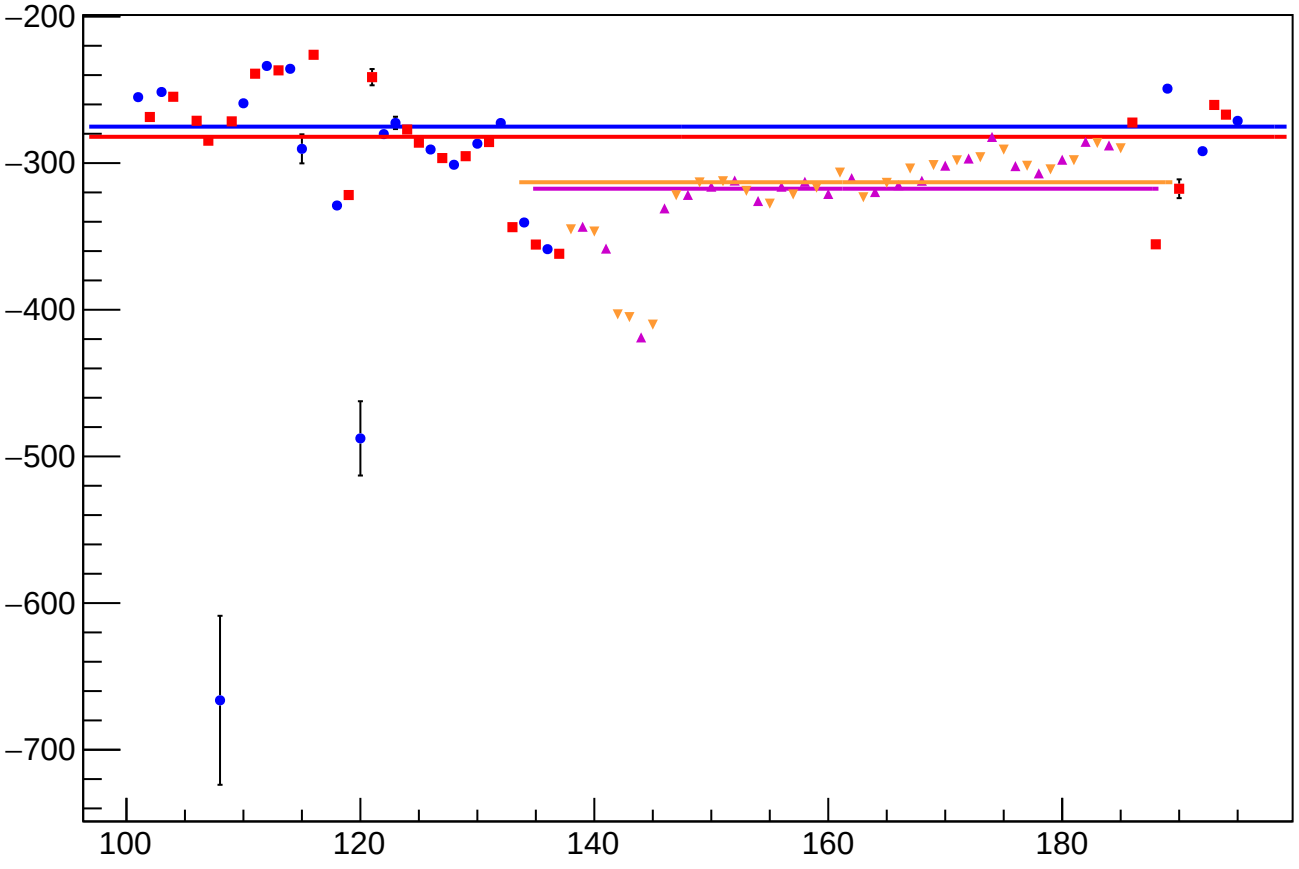
Right: 21.968+/-0.014 χ^2/NDF: 55714.9/41

In: 19.560+/-0.007 χ^2/NDF:284999.0/41

Out: 18.027+/-0.007 χ^2/NDF:236406.9/46

All: 18.804+/-0.005 χ^2/NDF: 547868.0/88

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -275.140+/-0.148 χ^2/NDF: 58450.1/19

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -282.072+/-0.120 χ^2/NDF: 63022.0/22

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

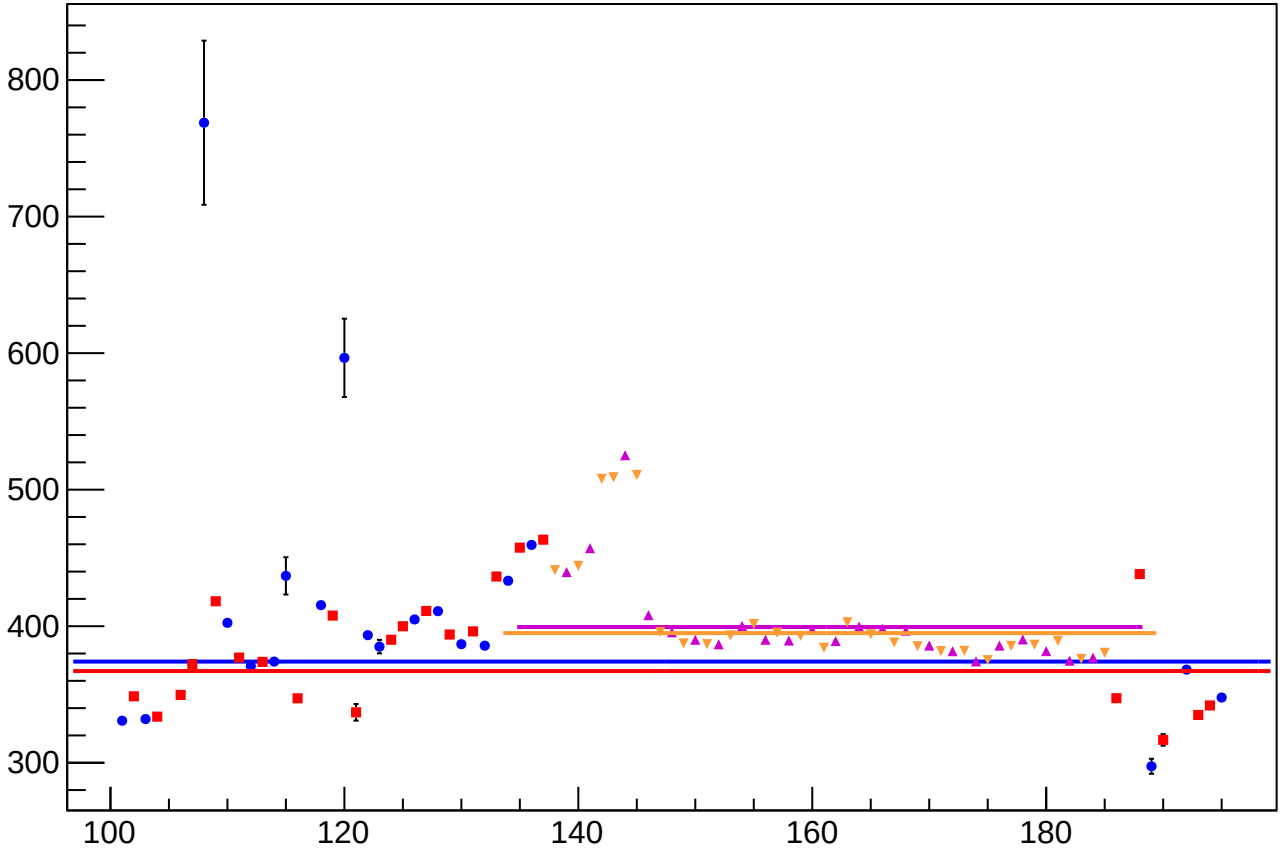
Right: -279.320+/-0.093 χ^2/NDF: 122795.7/42

In: -305.076+/-0.080 χ^2/NDF:179398.3/42

Out: -300.992+/-0.075 χ^2/NDF:158111.1/47

All: -302.898+/-0.055 χ^2/NDF: 338896.6/90

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 42915.1/19

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 367.163+/-0.121 χ^2/NDF: 86341.0/22

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

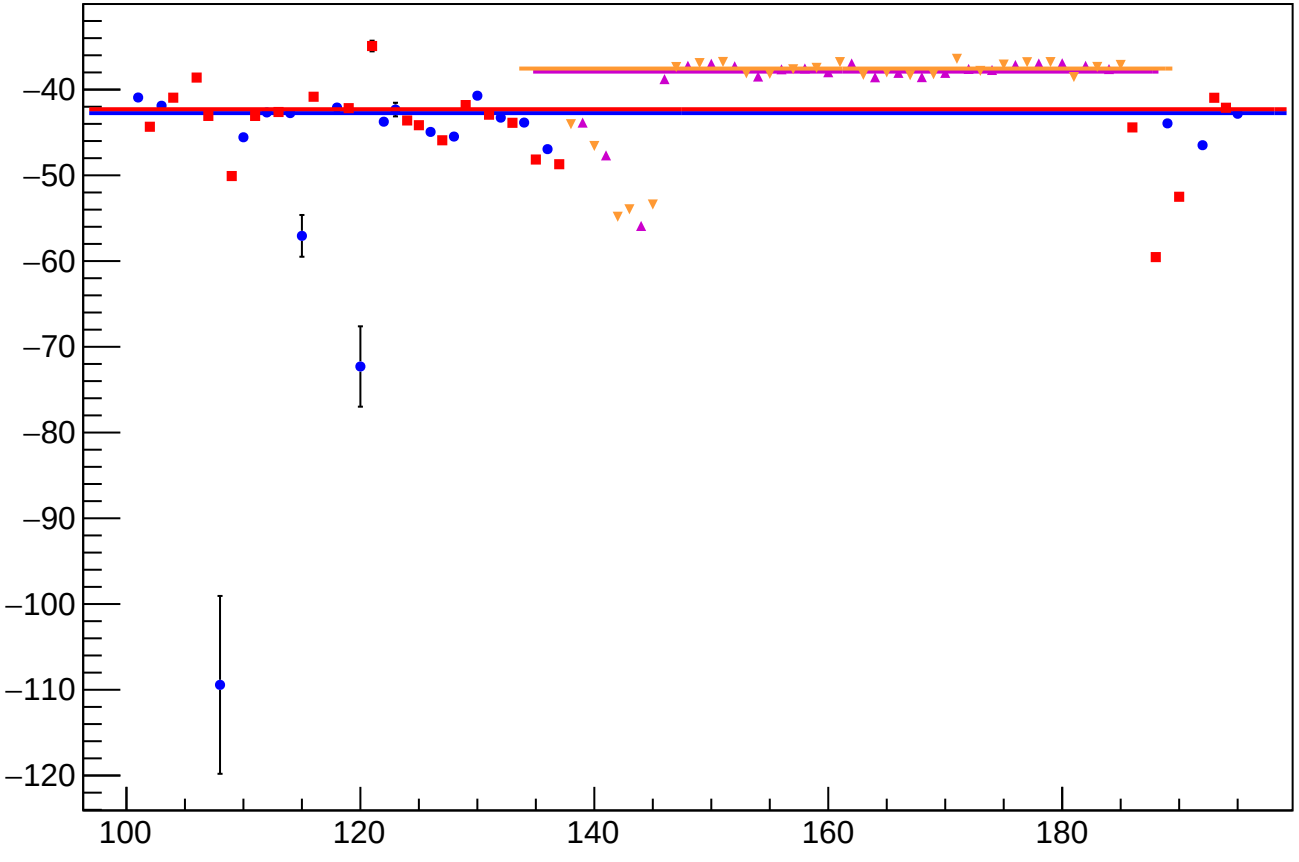
Right: 374.094+/-0.000 χ^2/NDF: 132549.6/42

In: 374.094+/-0.000 χ^2/NDF:188429.1/42

Out: 384.199+/-0.075 χ^2/NDF:186899.8/47

All: 374.094+/-0.000 χ^2/NDF: 393410.6/90

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13704.7/19

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.290+/-0.014 χ^2/NDF: 22645.1/22

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

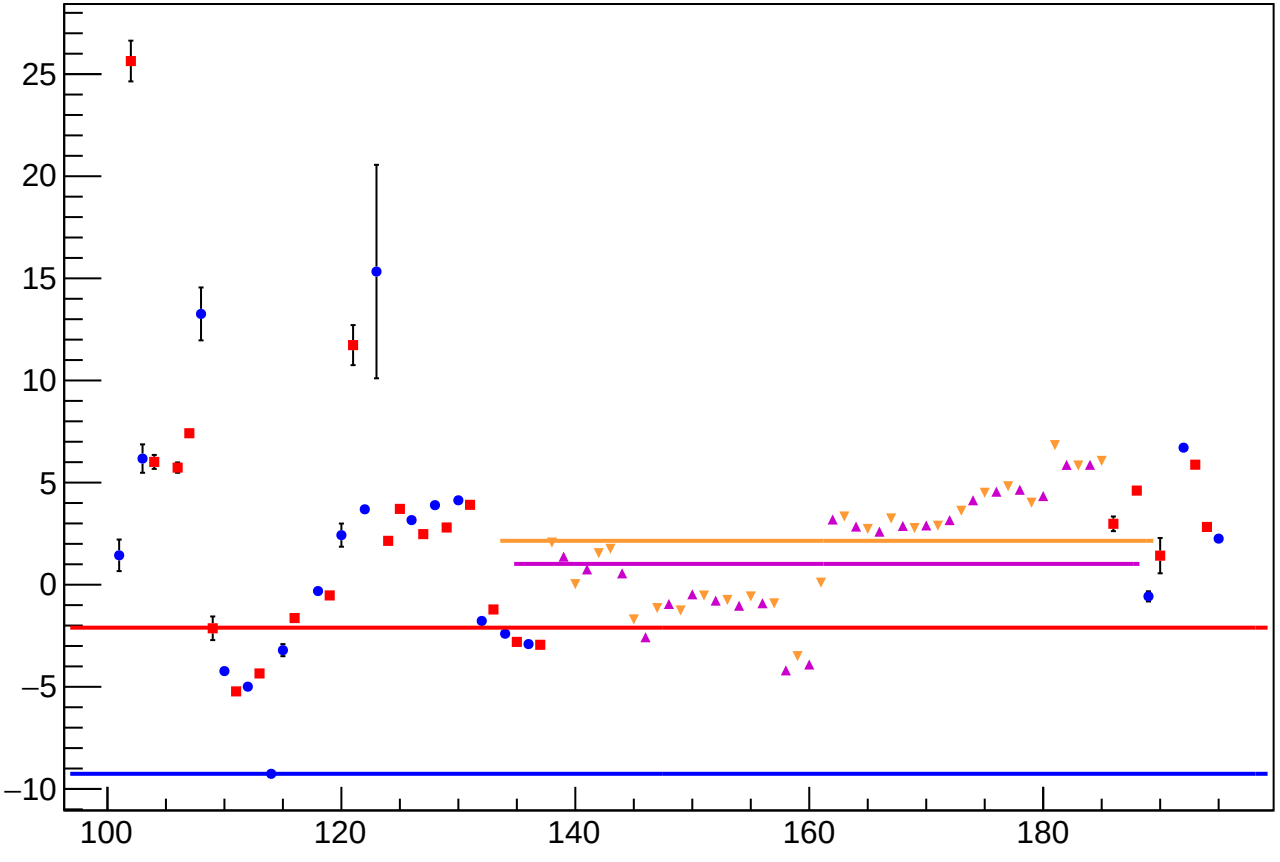
Right: -42.744+/-0.000 χ^2/NDF: 37360.6/42

In: -42.744+/-0.000 χ^2/NDF:1532559.0/42

Out: -37.866+/-0.004 χ^2/NDF:392619.2/47

All: -42.744+/-0.000 χ^2/NDF: 3658894.5/90

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 427335.6/19

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.103+/-0.008 χ^2/NDF: 69018.0/22

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

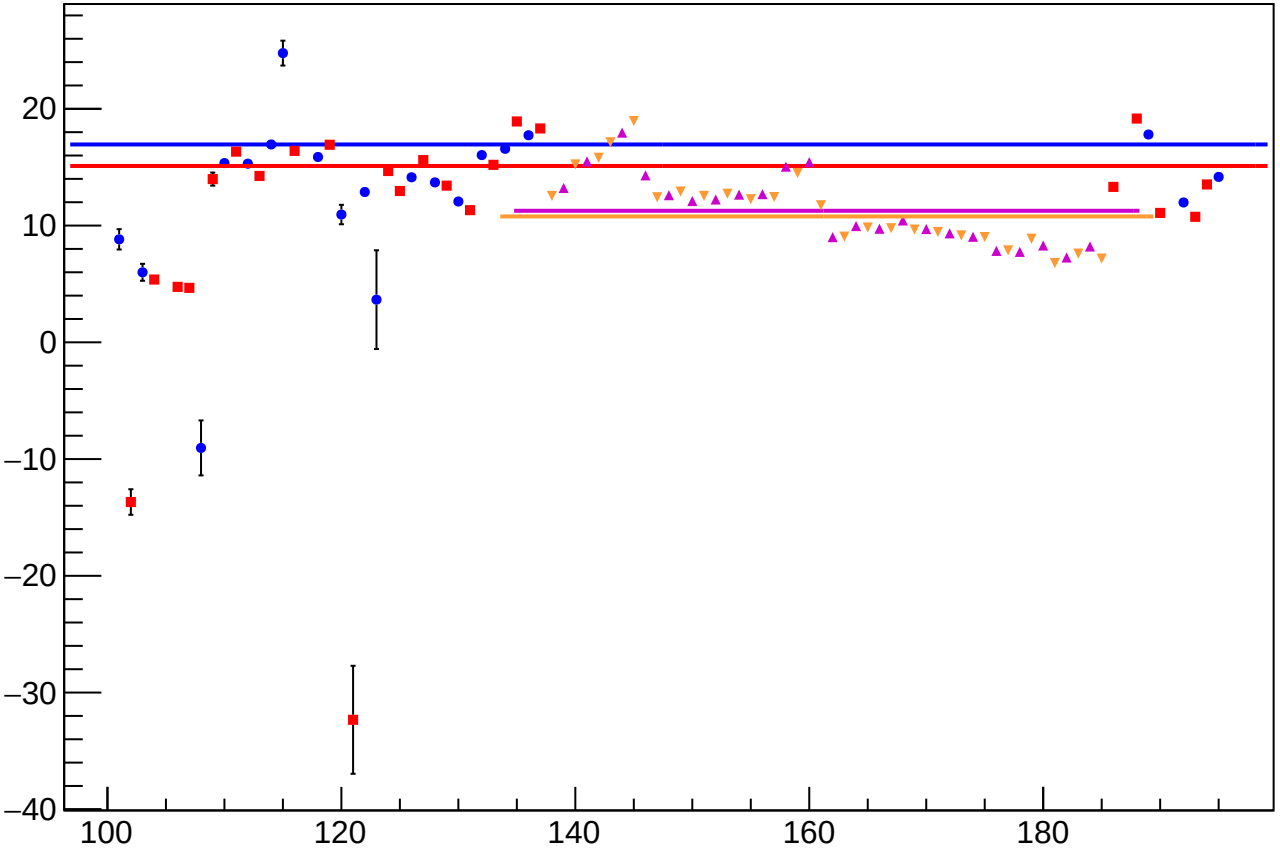
Right: -9.259+/-0.000 χ^2/NDF: 1382604.7/42

In: -9.259+/-0.000 χ^2/NDF:3925405.5/42

Out: 0.905+/-0.004 χ^2/NDF:581147.8/47

All: -9.259+/-0.000 χ^2/NDF: 10614272.1/90

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 12407.0/19

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.105+/-0.015 χ^2/NDF: 31509.6/22

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

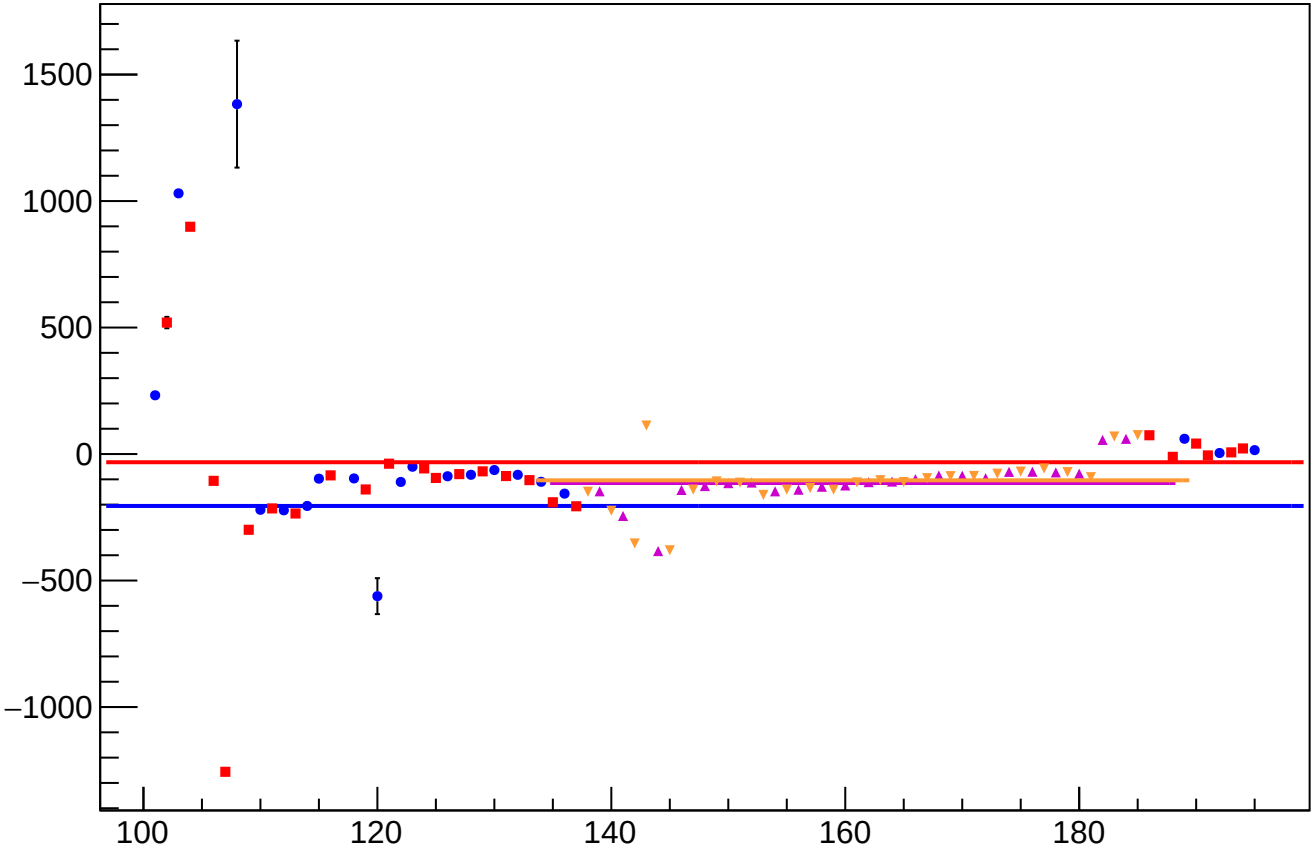
Right: 16.947+/-0.000 χ^2/NDF: 58259.6/42

In: 16.947+/-0.000 χ^2/NDF:635508.2/42

Out: 11.466+/-0.006 χ^2/NDF:227422.4/47

All: 16.947+/-0.000 χ^2/NDF: 1665717.1/90

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 1452583.1/19

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -32.370+/-0.254 χ^2/NDF: 156560.0/23

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

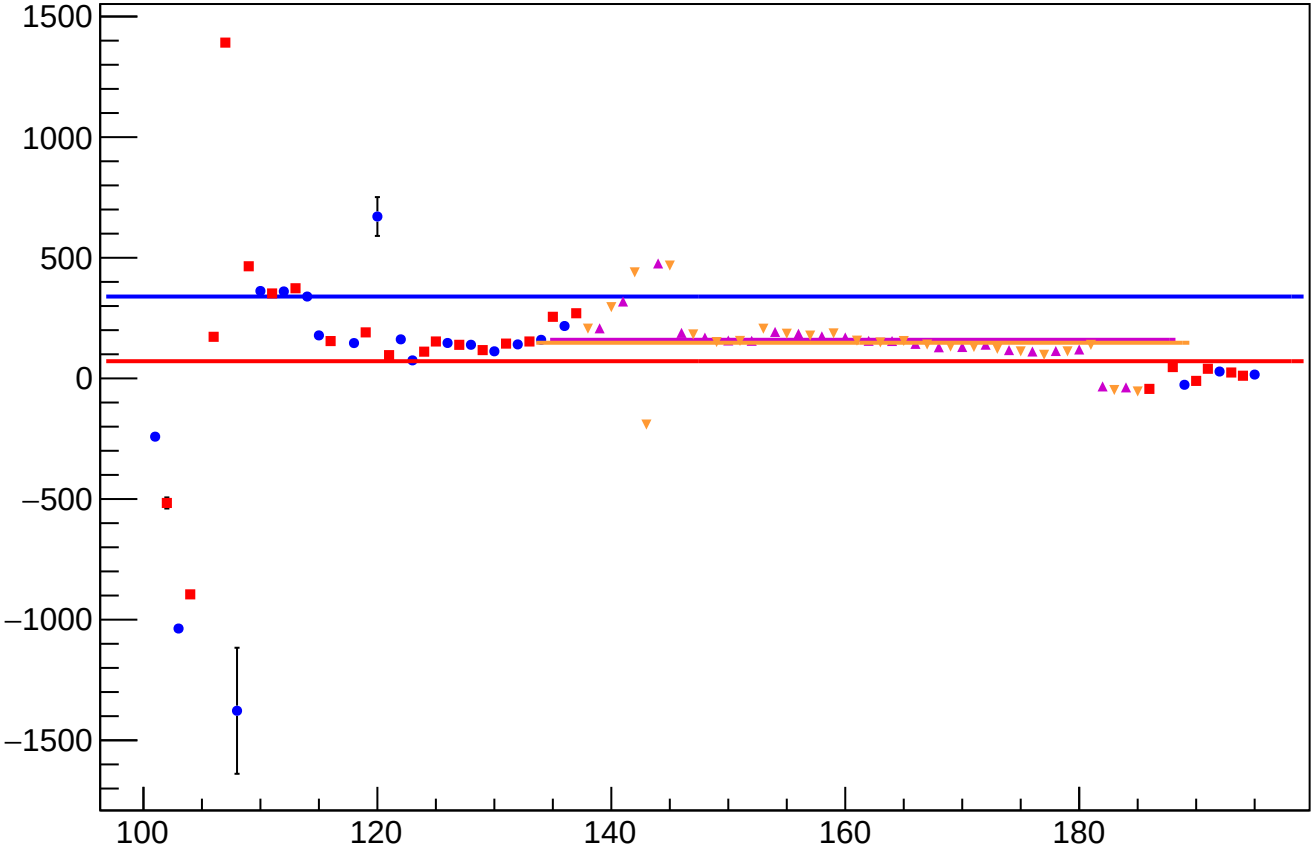
Right: -205.160+/-0.000 χ^2/NDF: 2073034.2/43

In: -205.160+/-0.000 χ^2/NDF:1692302.4/42

Out: -77.867+/-0.153 χ^2/NDF:301835.7/48

All: -205.160+/-0.000 χ^2/NDF: 2686875.3/91

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1458238.5/19

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 71.304+/-0.244 χ^2/NDF: 242014.1/23

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

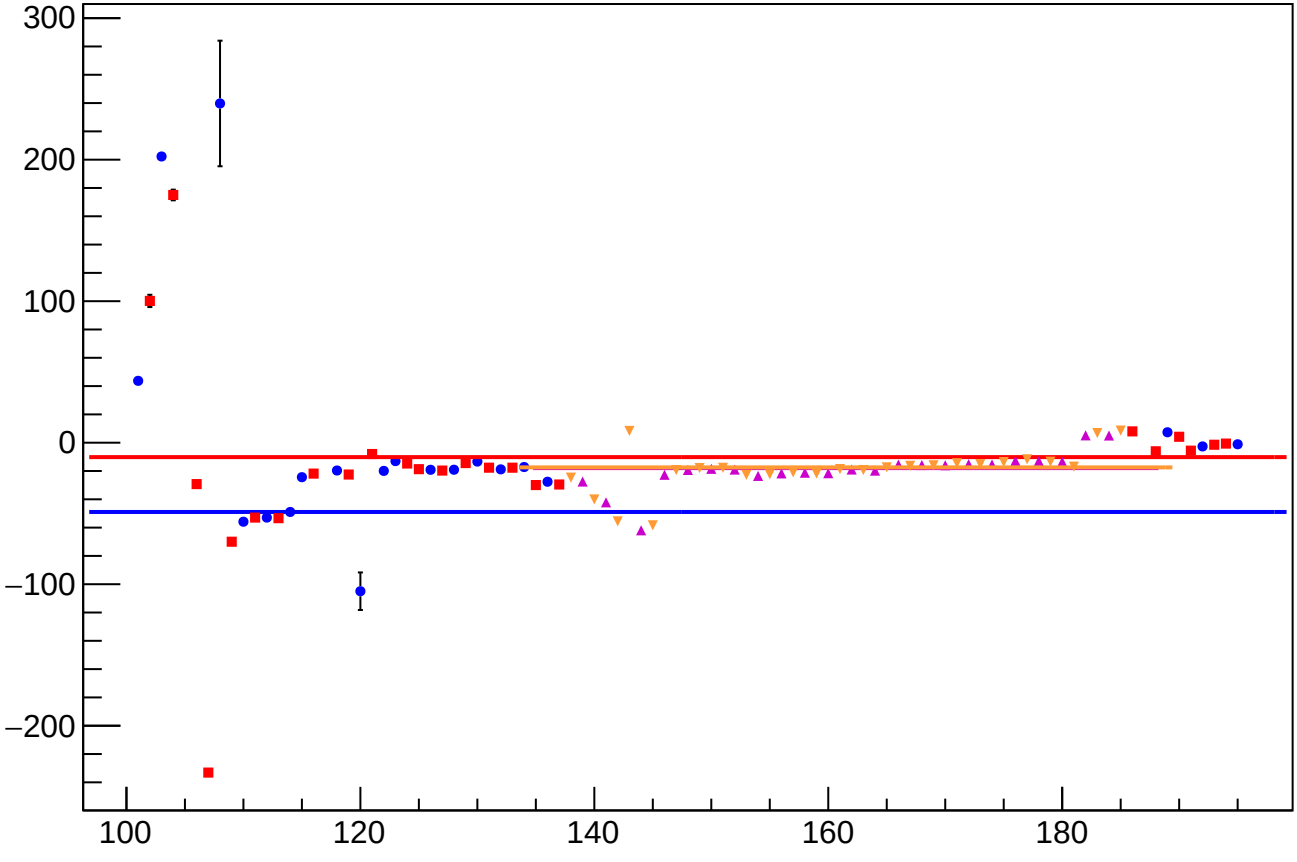
Right: 339.325+/-0.000 χ^2/NDF: 2901942.4/43

In: 339.325+/-0.000 χ^2/NDF:2151156.5/42

Out: 117.826+/-0.153 χ^2/NDF:435804.7/48

All: 339.325+/-0.000 χ^2/NDF: 4682766.8/91

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 6589431.9/19

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -10.189+/-0.032 χ^2/NDF: 348279.2/23

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

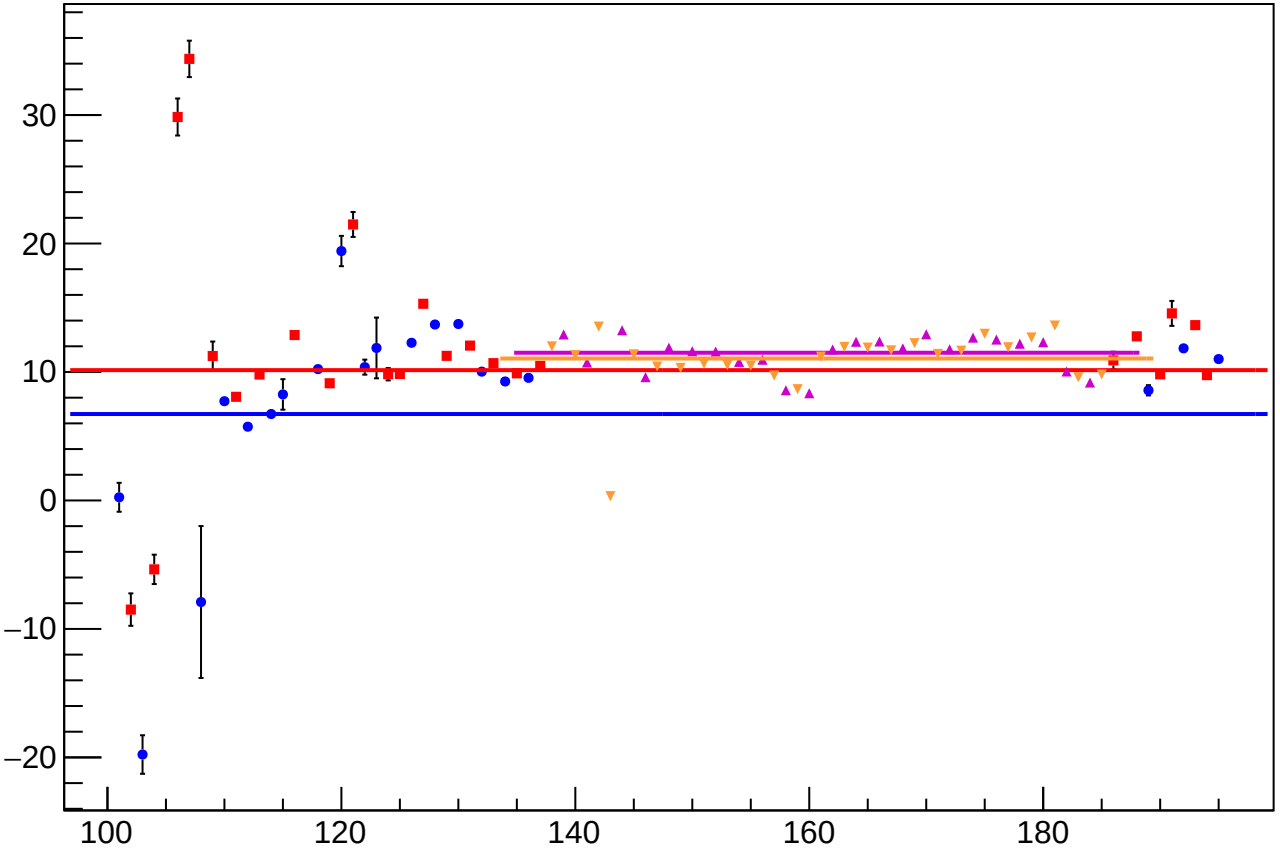
Right: -48.945+/-0.000 χ^2/NDF: 8439788.4/43

In: -48.945+/-0.000 χ^2/NDF:13228166.0/42

Out: -16.785+/-0.010 χ^2/NDF:1110191.1/48

All: -48.945+/-0.000 χ^2/NDF: 25696005.8/91

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 14924.9/19

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.144+/-0.034 χ^2/NDF: 6079.9/23

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

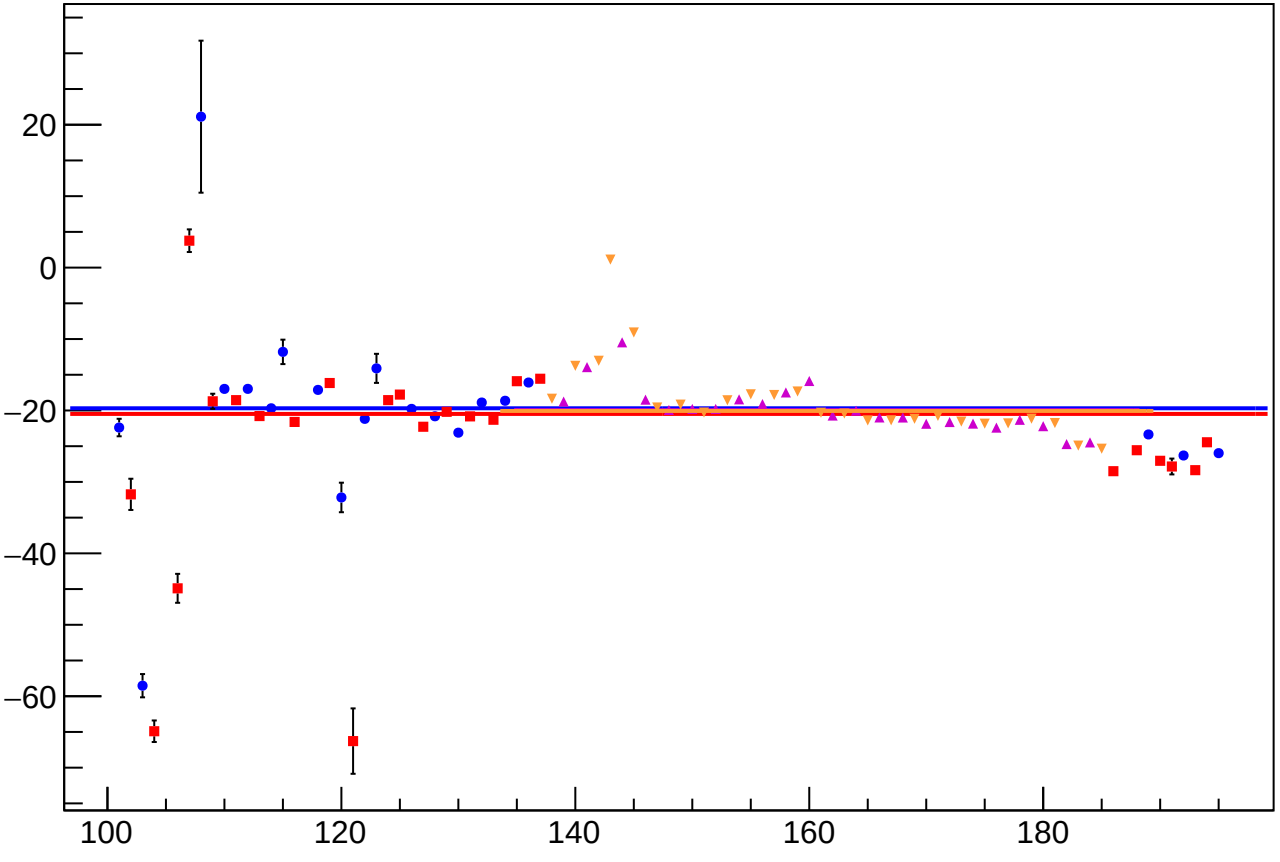
Right: 6.728+/-0.000 χ^2/NDF: 31065.0/43

In: 6.728+/-0.000 χ^2/NDF:239980.4/42

Out: 10.945+/-0.012 χ^2/NDF:38324.6/48

All: 6.728+/-0.000 χ^2/NDF: 412193.6/91

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 9652.9/19

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -20.481+/-0.045 χ^2/NDF: 5870.4/23

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

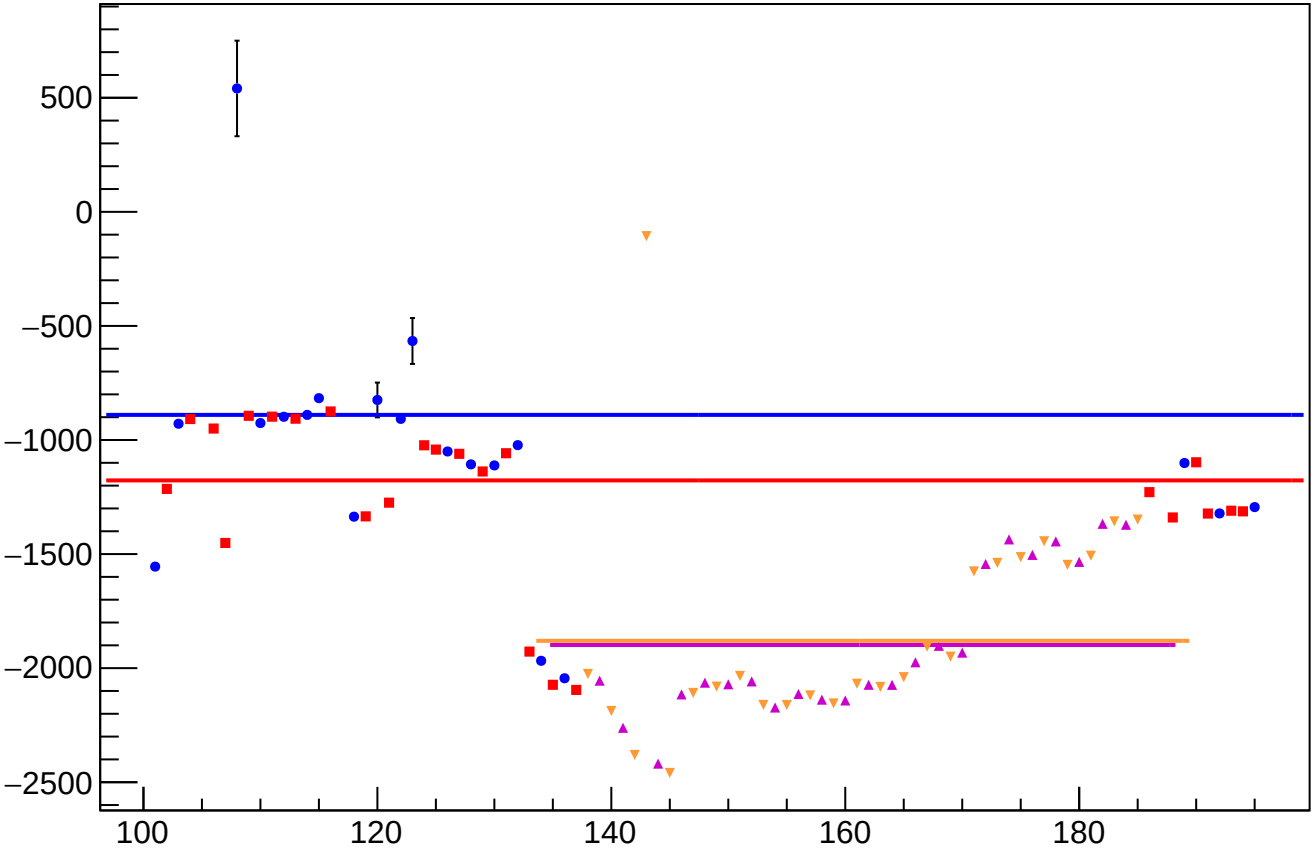
Right: -19.693+/-0.000 χ^2/NDF: 15824.9/43

In: -19.693+/-0.000 χ^2/NDF:32611.5/42

Out: -20.100+/-0.013 χ^2/NDF:77413.6/48

All: -19.693+/-0.000 χ^2/NDF: 110971.3/91

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 1081587.6/19

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1177.102+/-0.252 χ^2/NDF: 884012.3/23

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

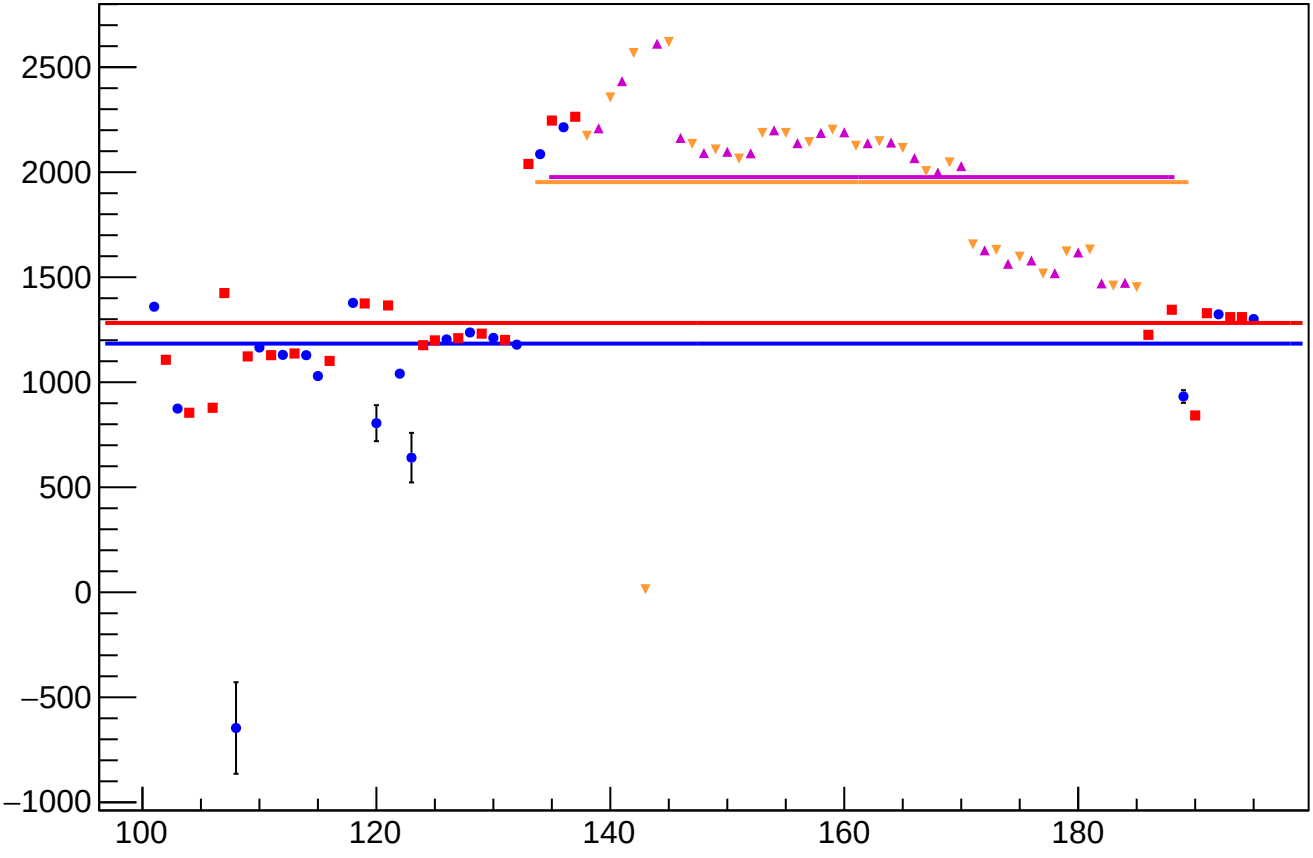
Right: -889.928+/-0.000 χ^2/NDF: 3266369.7/43

In: -889.928+/-0.000 χ^2/NDF:9468390.1/42

Out: -1414.238+/-0.205 χ^2/NDF:4386976.1/48

All: -889.928+/-0.000 χ^2/NDF: 20398186.7/9

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1183.952+/-0.234 χ^2/NDF: 538551.6/19

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1282.318+/-0.258 χ^2/NDF: 531483.8/23

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

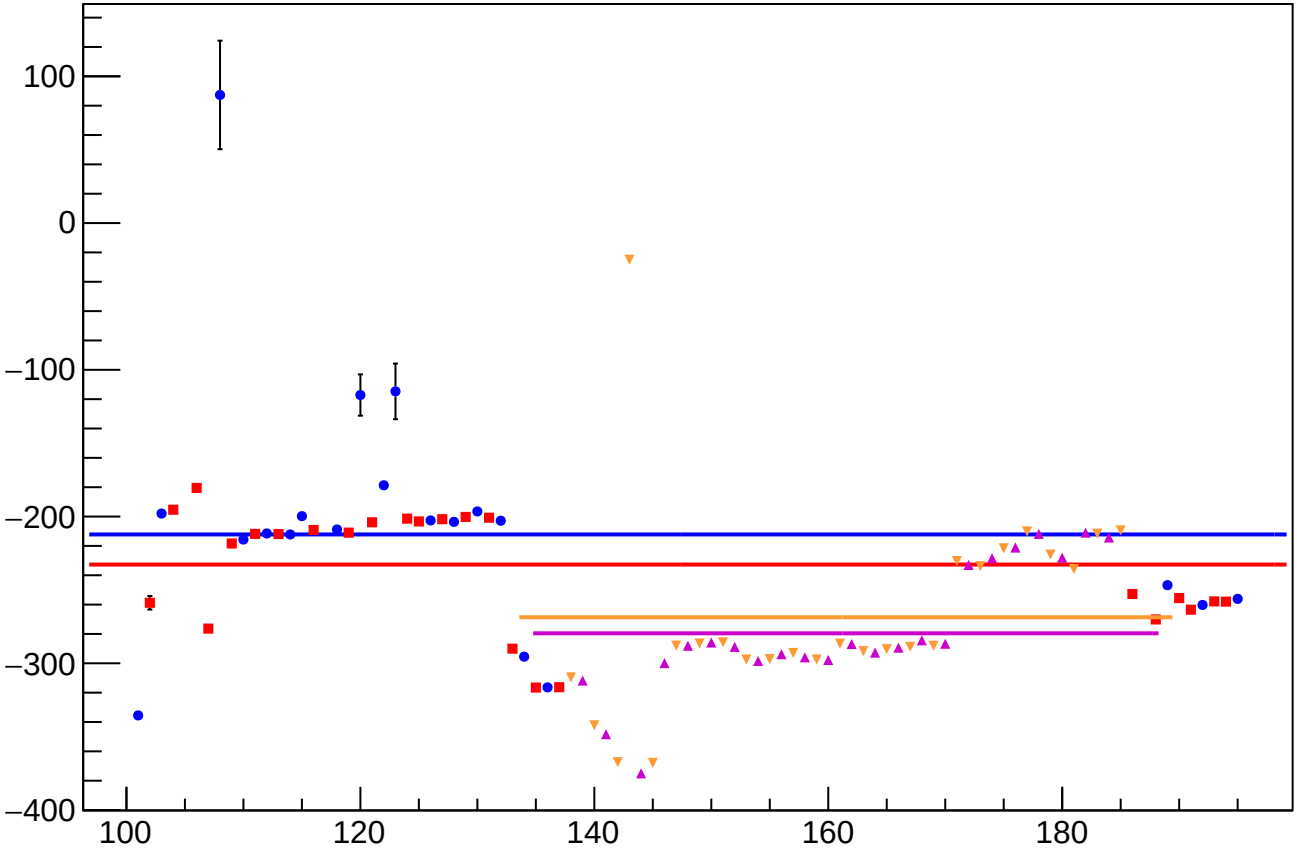
Right: 1228.326+/-0.173 χ^2/NDF: 1149933.7/43

In: 1412.463+/-0.197 χ^2/NDF:4479790.5/42

Out: 1514.670+/-0.208 χ^2/NDF:3695039.4/48

All: 1460.740+/-0.143 χ^2/NDF: 8301736.6/91

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1415424.0/19

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -232.702+/-0.032 χ^2/NDF: 811092.1/23

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

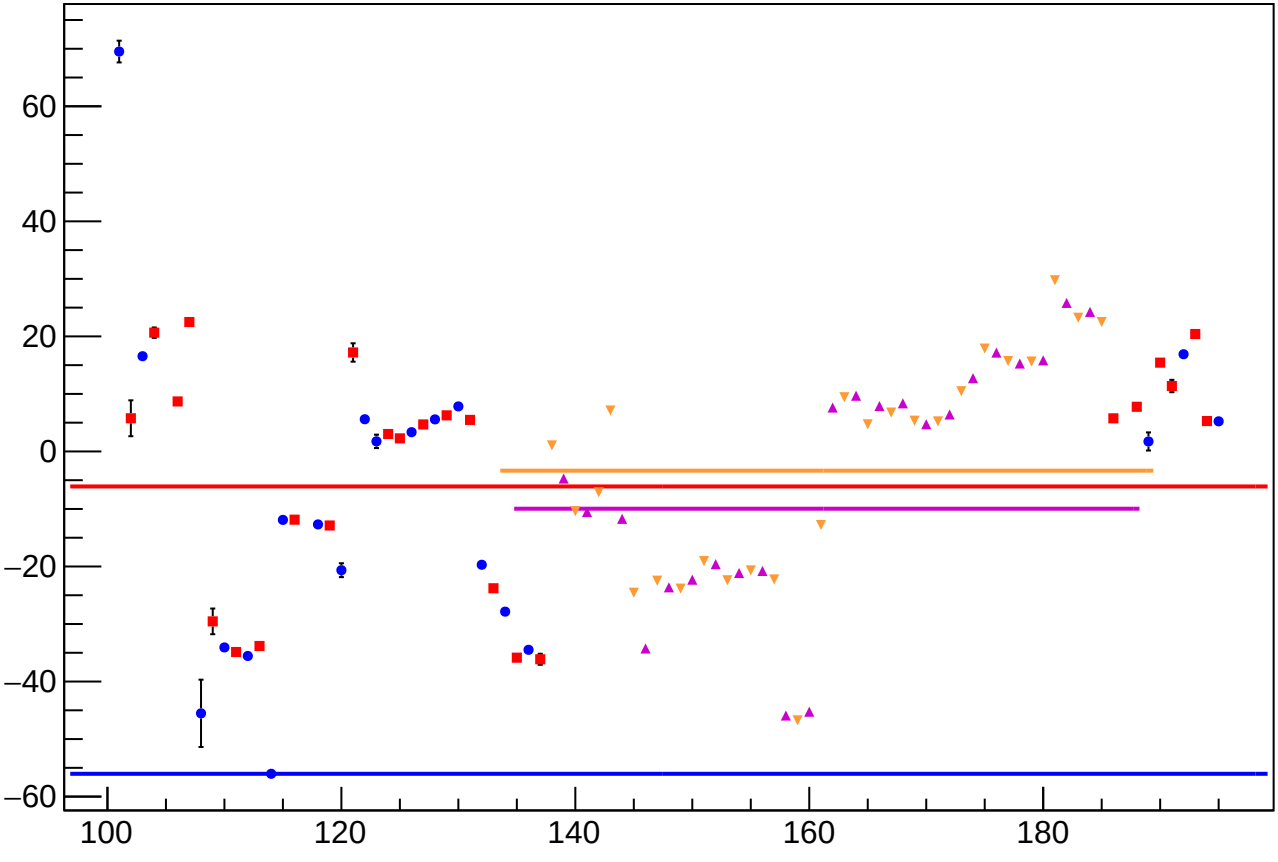
Right: -212.190+/-0.000 χ^2/NDF: 2645384.5/43

In: -212.190+/-0.000 χ^2/NDF:13385251.8/42

Out: -256.909+/-0.018 χ^2/NDF:8718253.7/48

All: -212.190+/-0.000 χ^2/NDF: 28213239.5/9

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1698499.4/19

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.085+/-0.041 χ^2/NDF: 187671.8/23

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

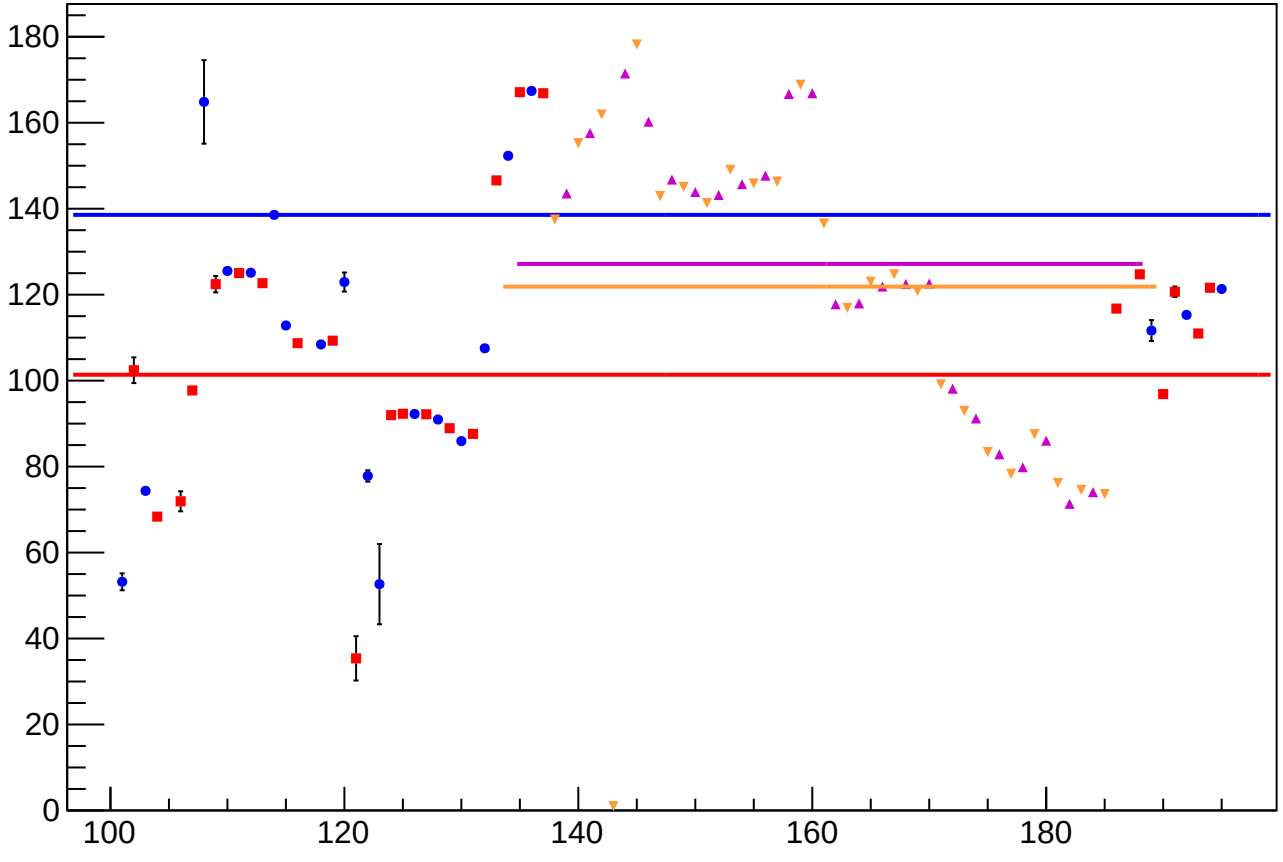
Right: -56.037+/-0.000 χ^2/NDF: 3403484.1/43

In: -56.037+/-0.000 χ^2/NDF:9612696.6/42

Out: -3.775+/-0.016 χ^2/NDF:1591271.7/48

All: -56.037+/-0.000 χ^2/NDF: 21705247.3/91

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 911446.5/19

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 101.371+/-0.033 χ^2/NDF: 313160.6/23

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

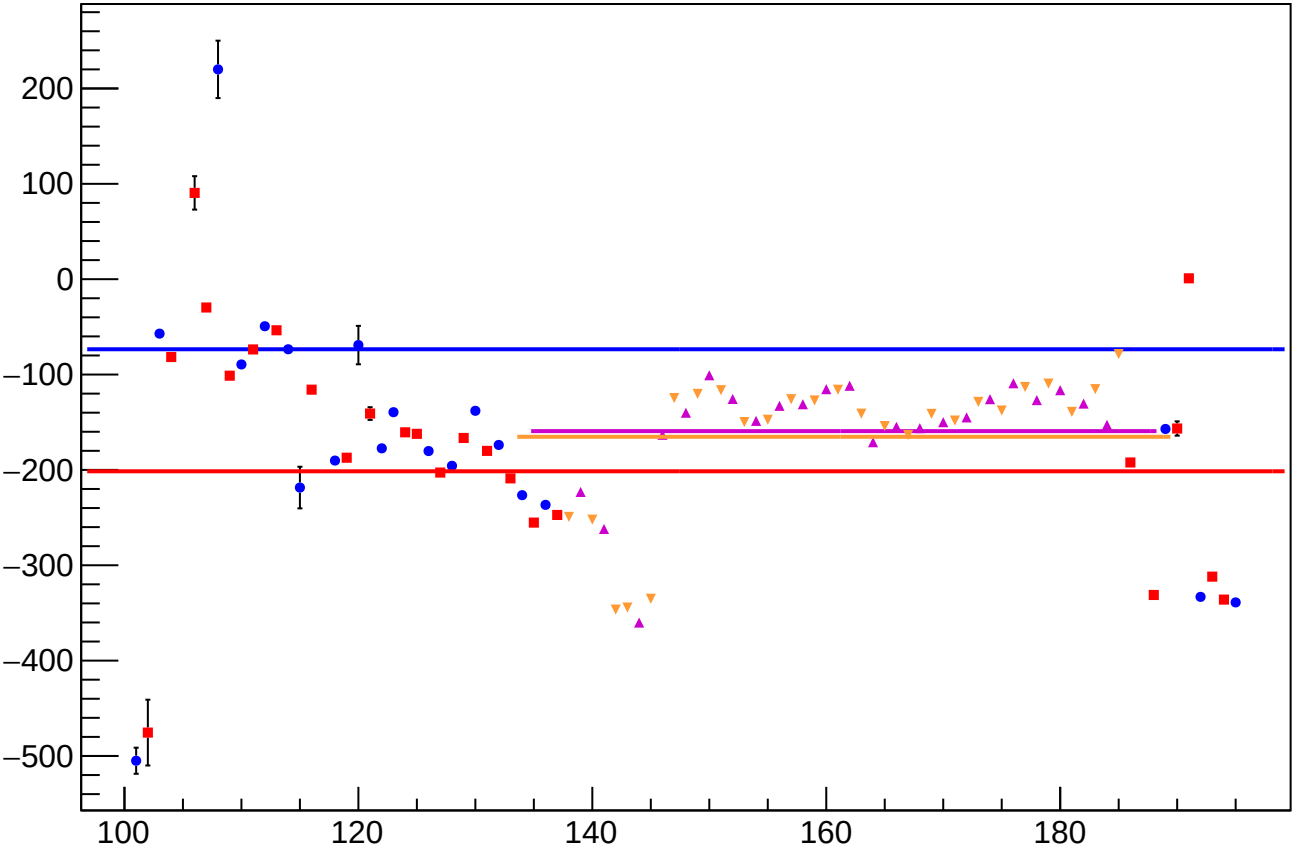
Right: 138.565+/-0.000 χ^2/NDF: 2533868.3/43

In: 138.565+/-0.000 χ^2/NDF:2441895.7/42

Out: 114.524+/-0.019 χ^2/NDF:2185766.7/48

All: 138.565+/-0.000 χ^2/NDF: 6153438.8/91

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 186608.3/19

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -201.446+/-0.281 χ^2/NDF: 144507.4/23

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

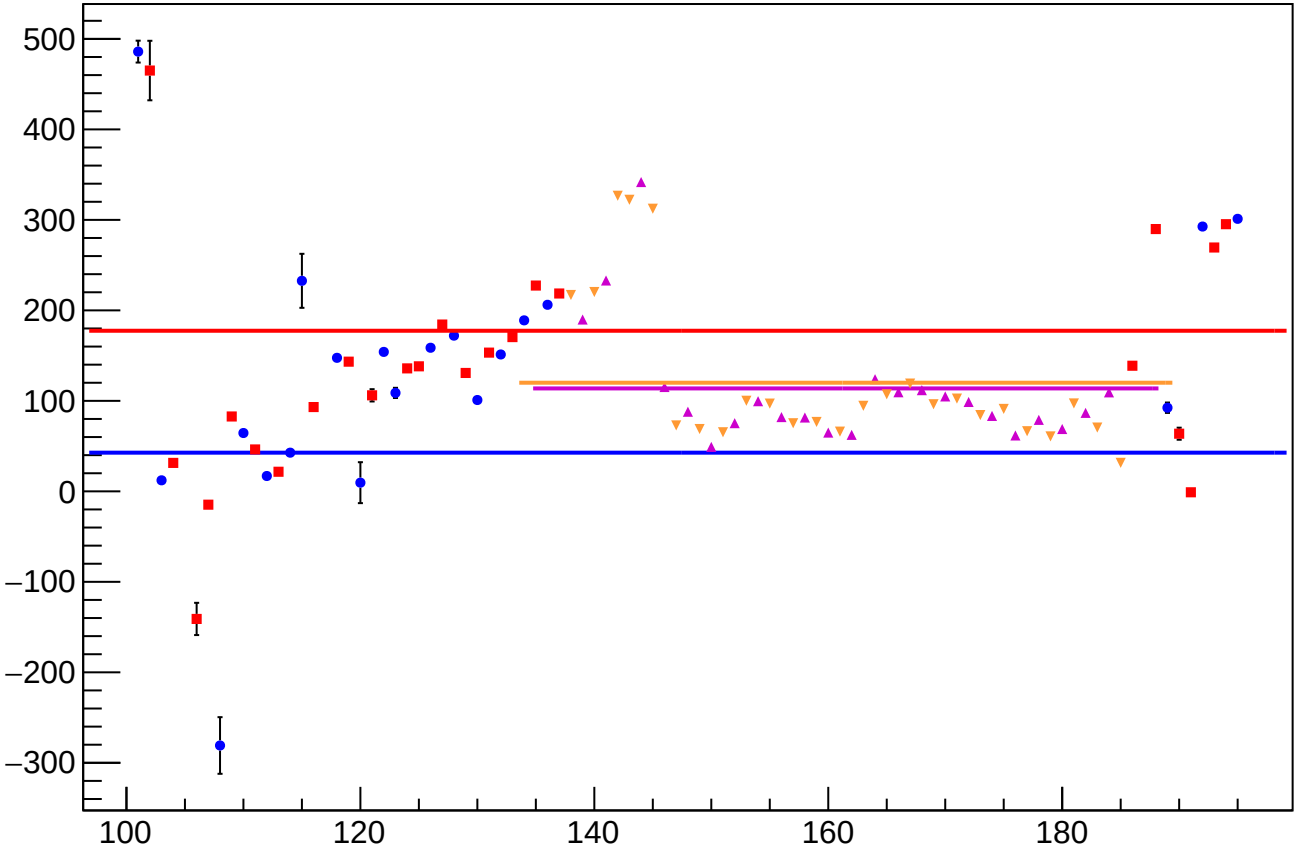
Right: -73.485+/-0.000 χ^2/NDF: 537970.5/43

In: -73.485+/-0.000 χ^2/NDF:389399.6/42

Out: -179.899+/-0.179 χ^2/NDF:238652.4/48

All: -73.485+/-0.000 χ^2/NDF: 981978.0/91

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 168381.9/19

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 177.478+/-0.298 χ^2/NDF: 122089.9/23

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

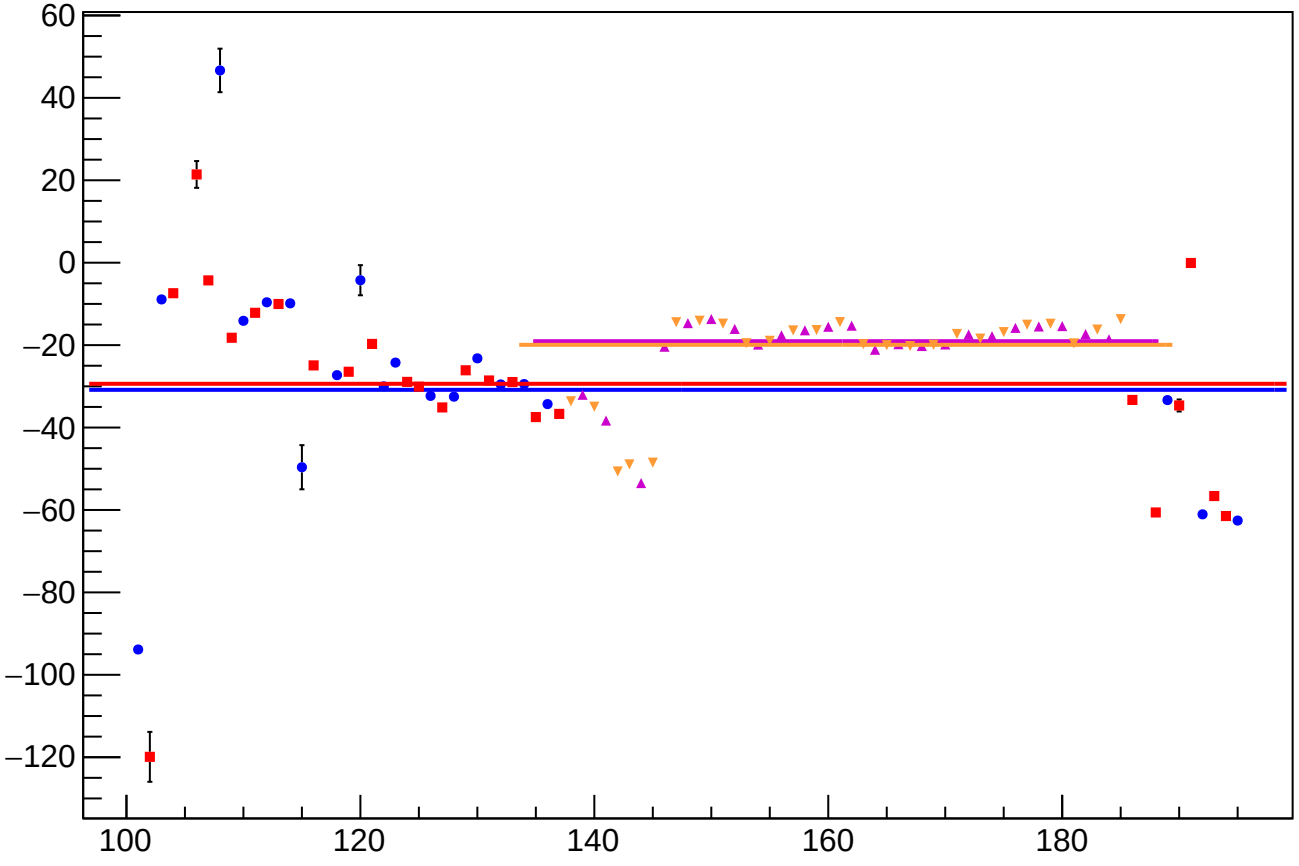
Right: 42.743+/-0.000 χ^2/NDF: 494790.1/43

In: 42.743+/-0.000 χ^2/NDF:333331.4/42

Out: 142.293+/-0.185 χ^2/NDF:242757.7/48

All: 42.743+/-0.000 χ^2/NDF: 864097.6/91

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -30.849+/-0.034 χ^2/NDF: 103868.3/19

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -29.384+/-0.031 χ^2/NDF: 425325.1/23

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

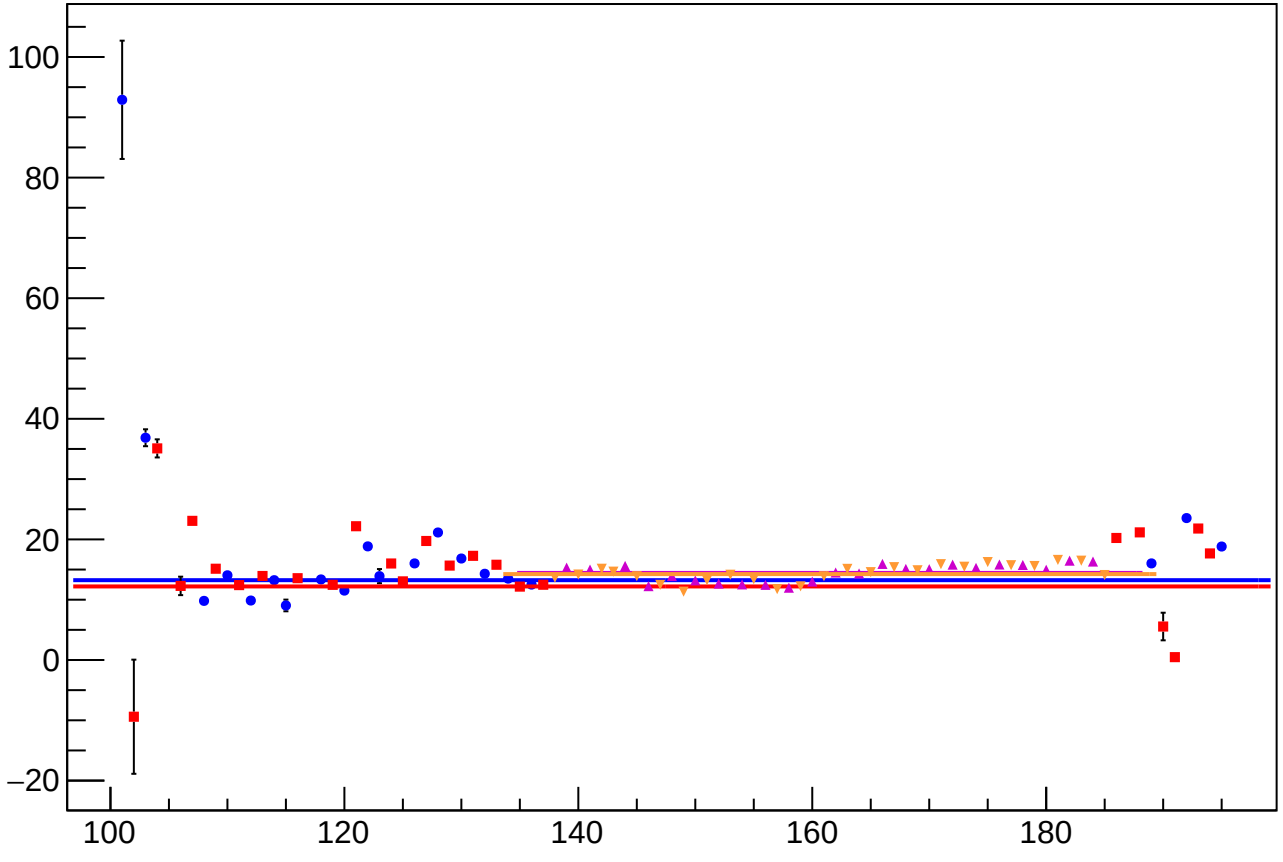
Right: -30.062+/-0.023 χ^2/NDF: 530220.0/43

In: -20.790+/-0.013 χ^2/NDF:424342.7/42

Out: -21.198+/-0.011 χ^2/NDF:880274.1/48

All: -21.019+/-0.009 χ^2/NDF: 1305180.2/91

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 7877.0/19

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.199+/-0.040 χ^2/NDF: 24515.9/23

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

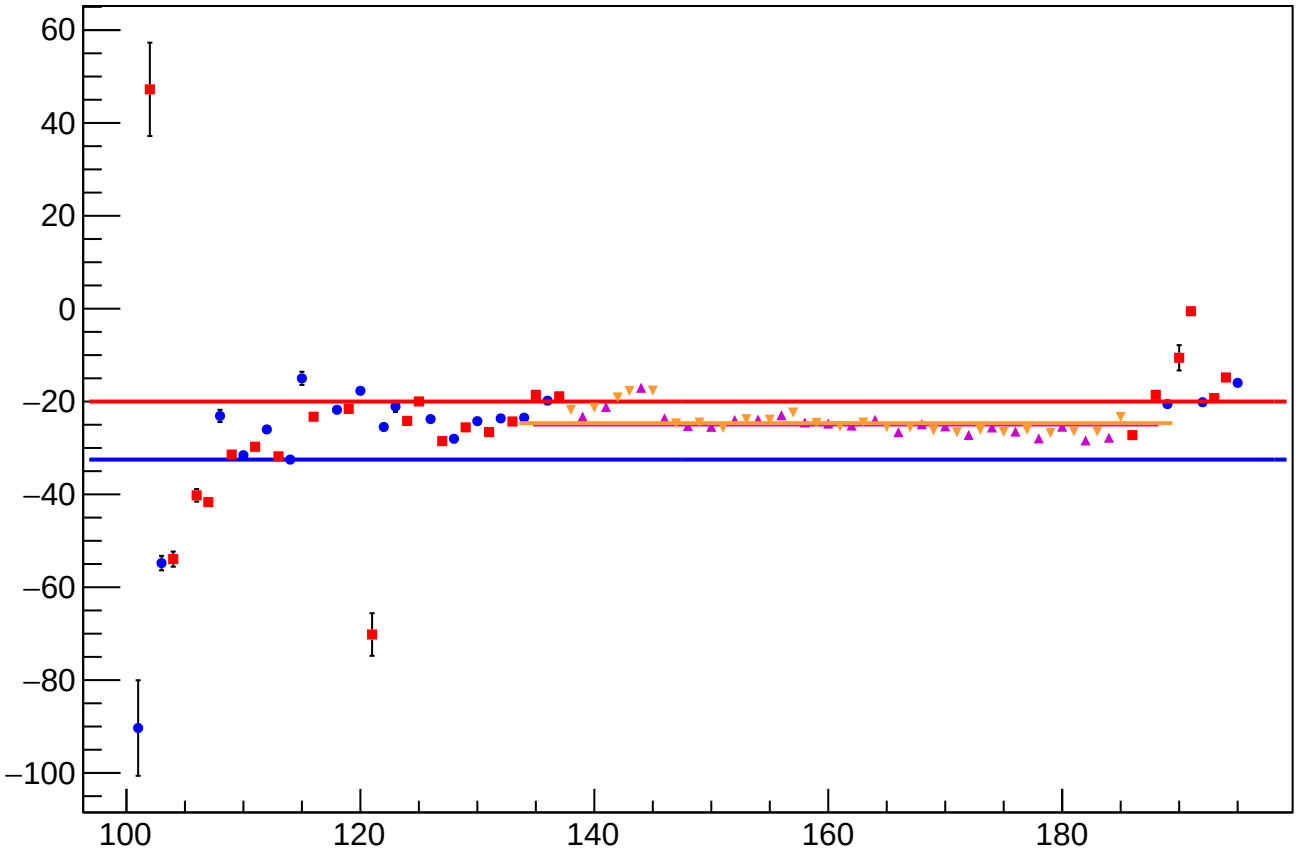
Right: 13.238+/-0.000 χ^2/NDF: 33068.2/43

In: 13.238+/-0.000 χ^2/NDF:31498.7/42

Out: 14.077+/-0.011 χ^2/NDF:39289.3/48

All: 13.238+/-0.000 χ^2/NDF: 76127.2/91

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 81266.9/19

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -20.006+/-0.041 χ^2/NDF: 59928.2/23

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

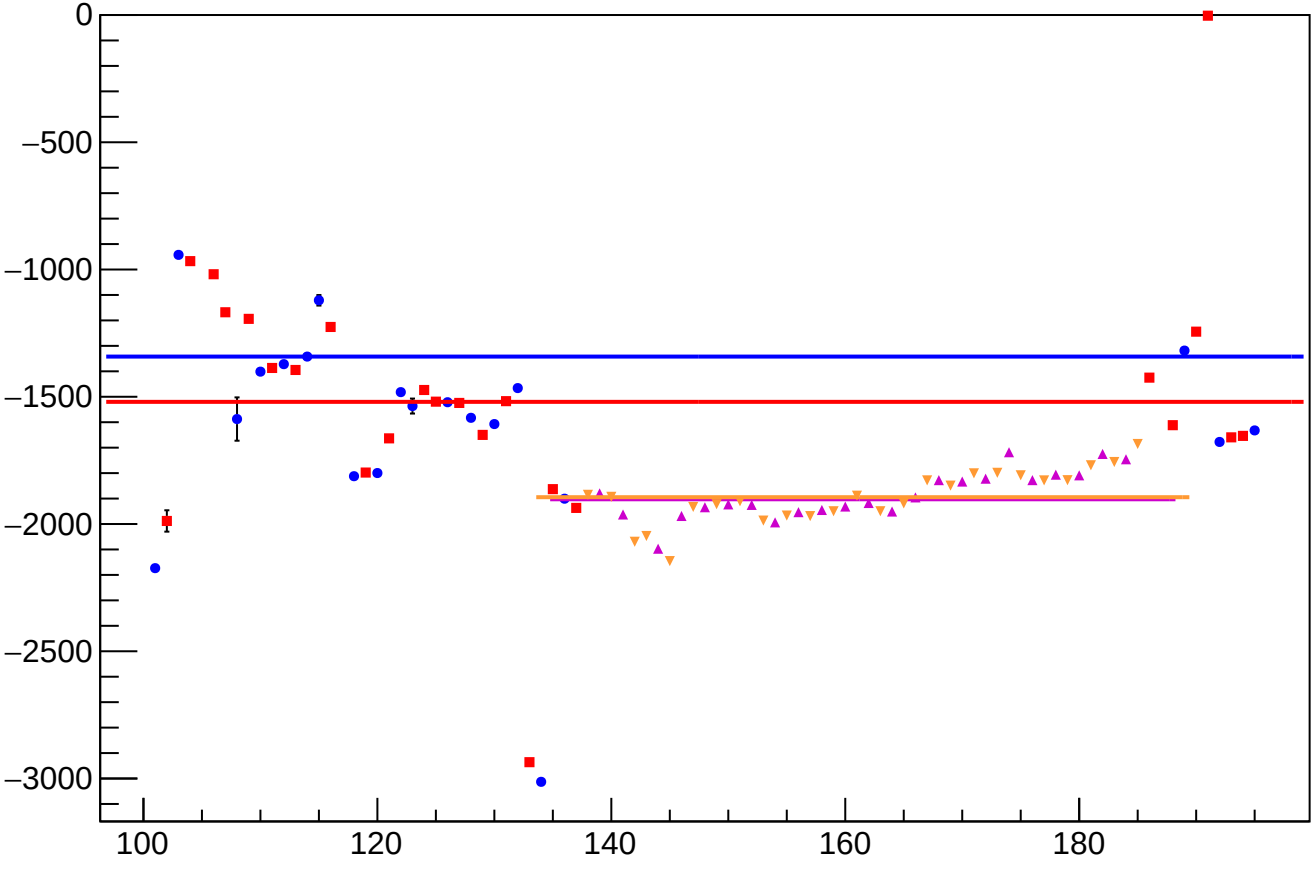
Right: -32.504+/-0.000 χ^2/NDF: 233543.5/43

In: -32.504+/-0.000 χ^2/NDF:343217.8/42

Out: -24.109+/-0.014 χ^2/NDF:94256.9/48

All: -32.504+/-0.000 χ^2/NDF: 793882.3/91

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 560419.6/19

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1519.979+/-0.275 χ^2/NDF: 1910022.5/23

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

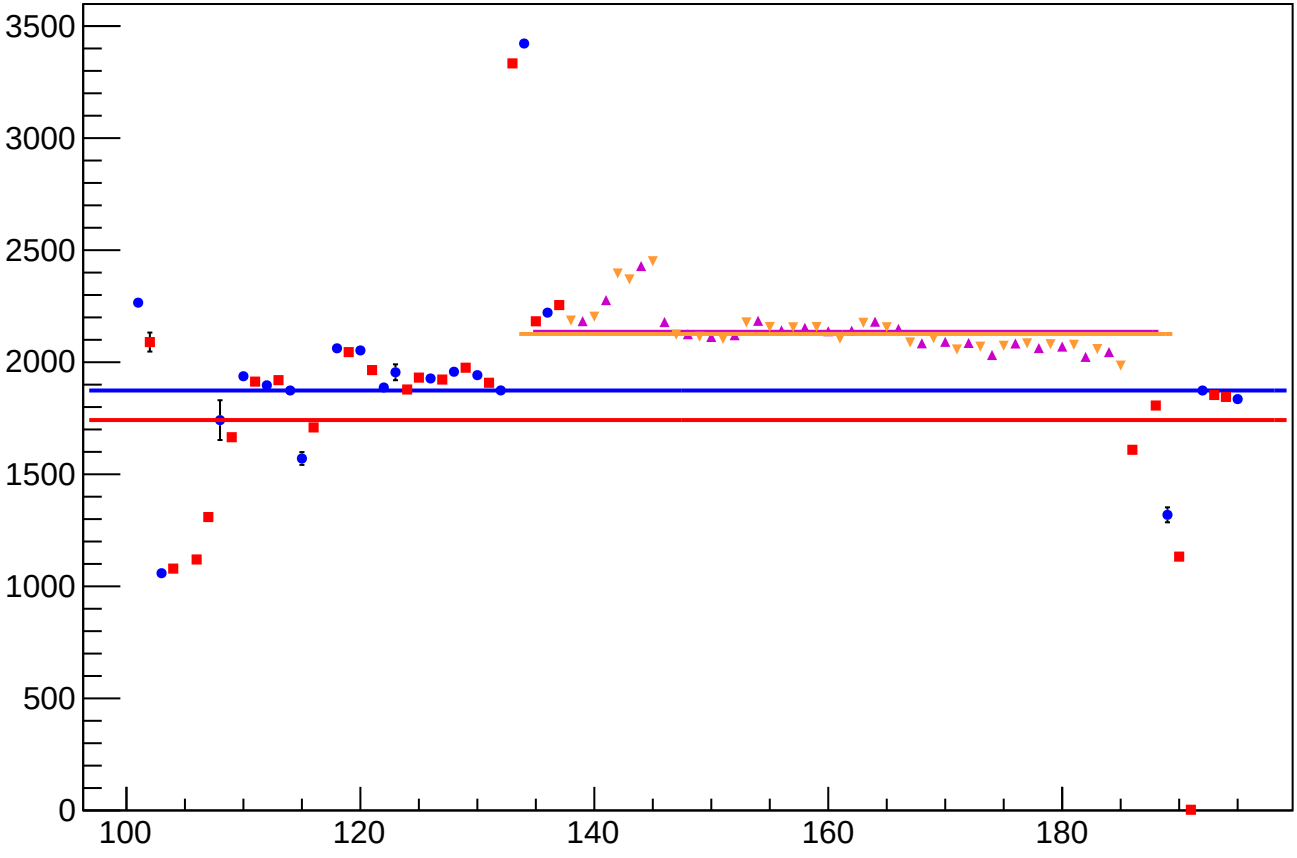
Right: -1342.107+/-0.000 χ^2/NDF: 2888601.9/43

In: -1342.107+/-0.000 χ^2/NDF:4399714.9/42

Out: -1680.459+/-0.208 χ^2/NDF:2772093.5/48

All: -1342.107+/-0.000 χ^2/NDF: 9818581.4/9

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 202313.1/19

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1741.958+/-0.276 χ^2/NDF: 3308999.4/23

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

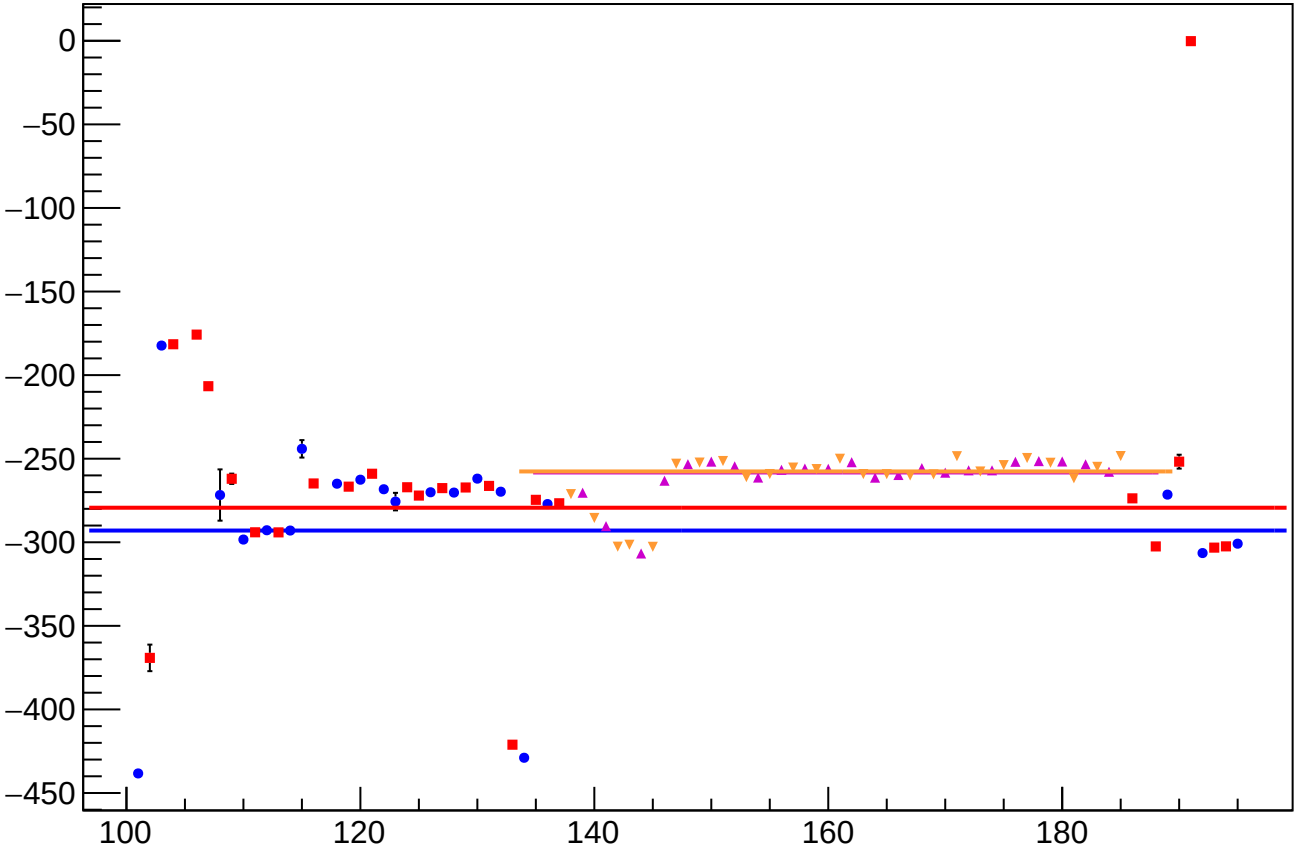
Right: 1873.852+/-0.000 χ^2/NDF: 3739270.4/43

In: 1873.852+/-0.000 χ^2/NDF:1078790.9/42

Out: 1907.622+/-0.208 χ^2/NDF:4191295.7/48

All: 1873.852+/-0.000 χ^2/NDF: 5296359.9/91

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1053409.6/19

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -279.334+/-0.036 χ^2/NDF: 1918025.7/23

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

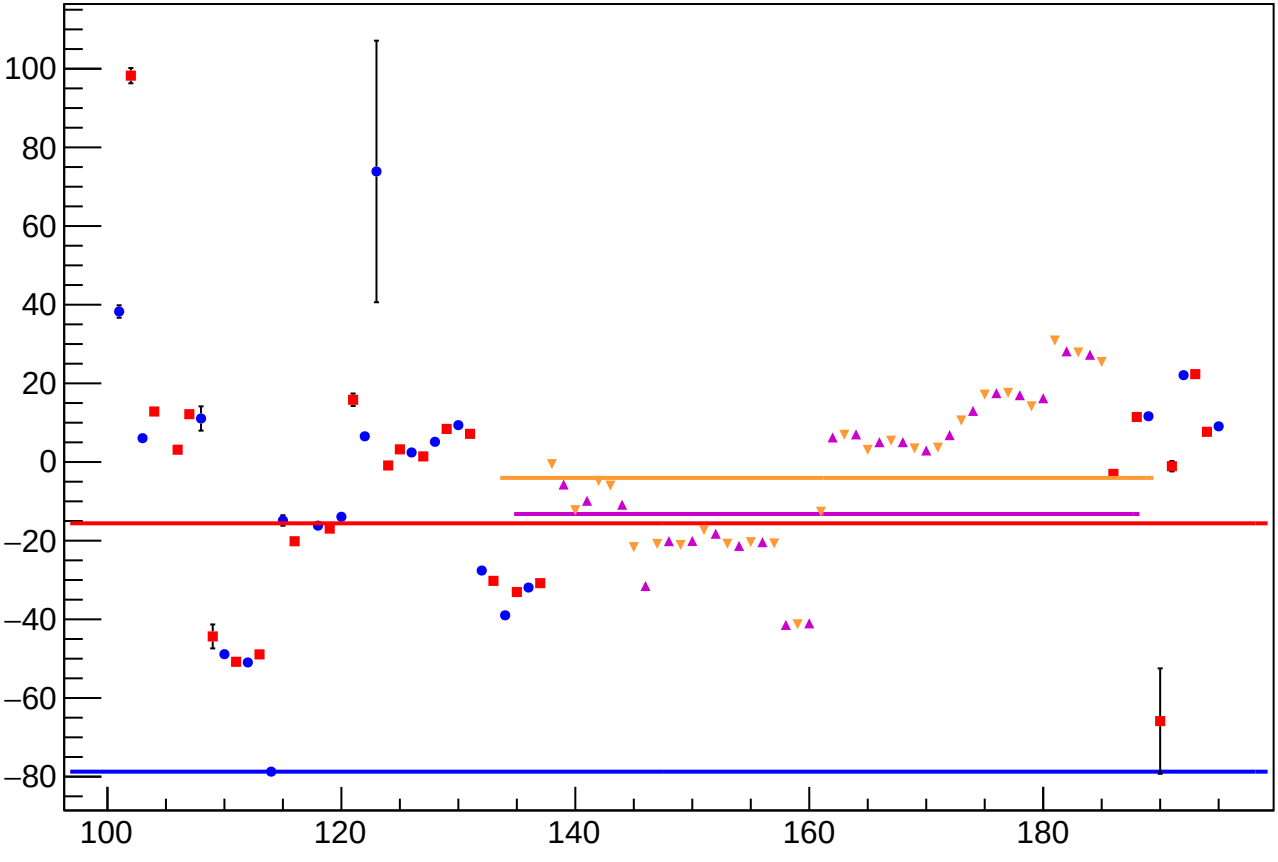
Right: -292.986+/-0.000 χ^2/NDF: 3116528.5/43

In: -292.986+/-0.000 χ^2/NDF:5268244.4/42

Out: -262.729+/-0.017 χ^2/NDF:2425521.7/48

All: -292.986+/-0.000 χ^2/NDF: 10728291.1/9

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1597466.9/19

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -15.584+/-0.066 χ^2/NDF: 99114.5/23

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

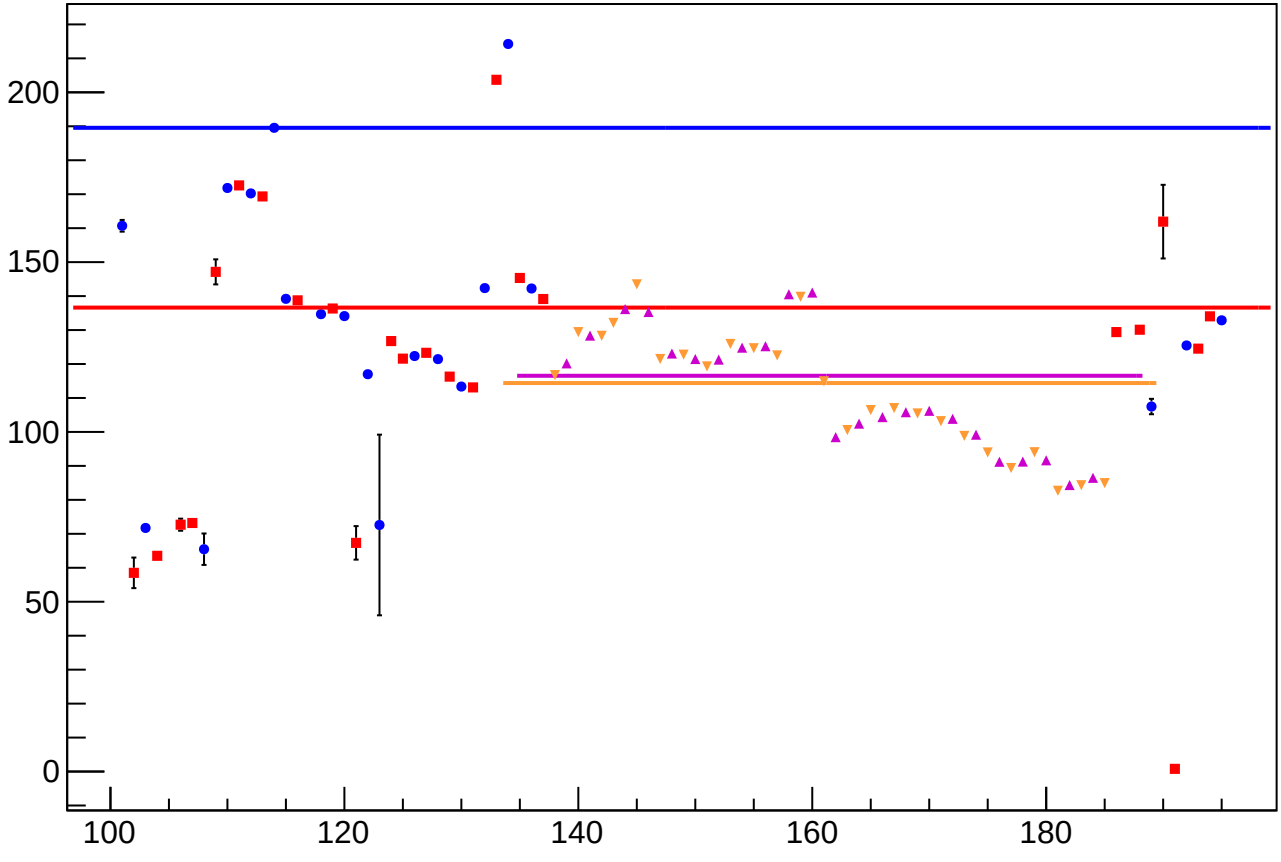
Right: -78.728+/-0.000 χ^2/NDF: 2608779.1/43

In: -78.728+/-0.000 χ^2/NDF:17950275.3/42

Out: -4.758+/-0.017 χ^2/NDF:1497335.2/48

All: -78.728+/-0.000 χ^2/NDF: 39471900.3/91

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 1014045.8/19

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 136.614+/-0.057 χ^2/NDF: 127420.6/23

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

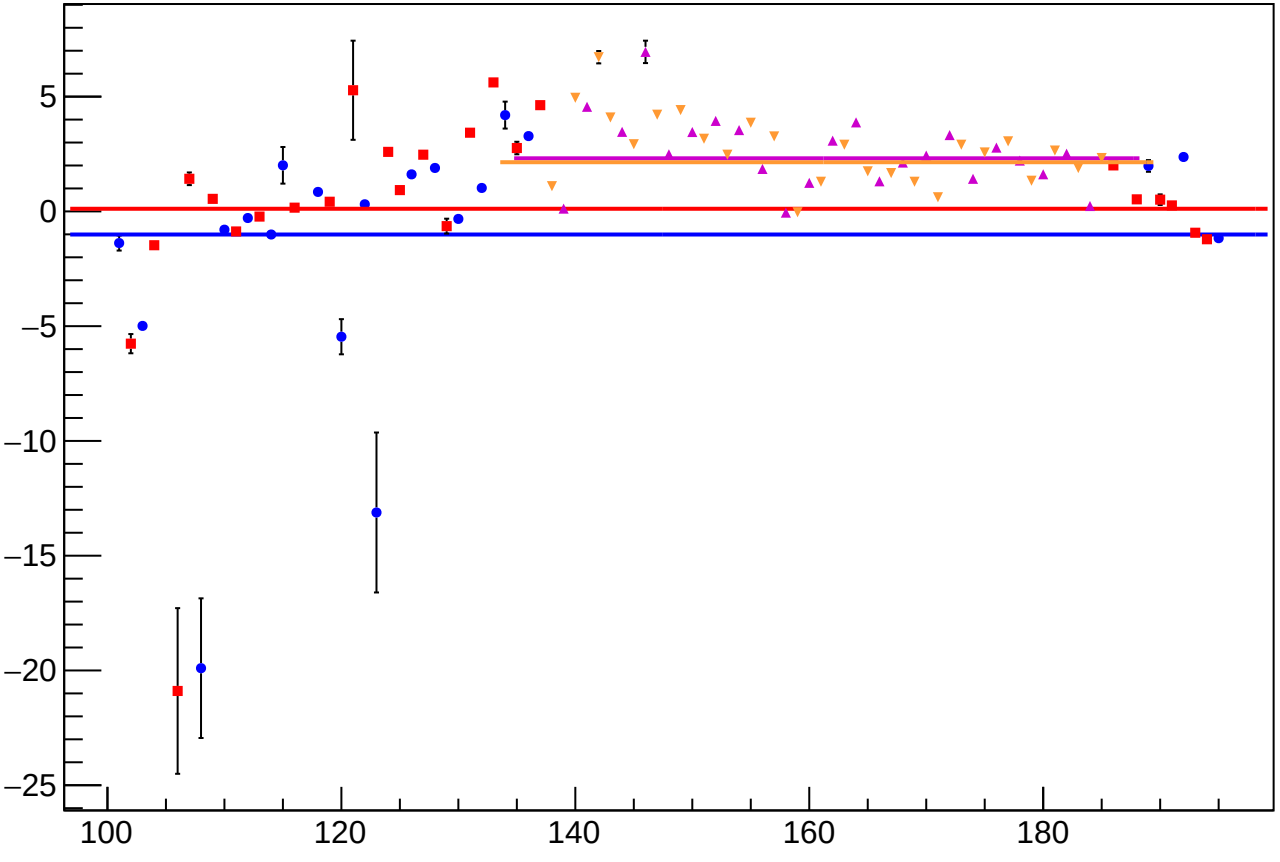
Right: 189.551+/-0.000 χ^2/NDF: 2016841.5/43

In: 189.551+/-0.000 χ^2/NDF:11033986.9/42

Out: 117.446+/-0.021 χ^2/NDF:695320.9/48

All: 189.551+/-0.000 χ^2/NDF: 23557909.9/91

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7876.3/19

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.115+/-0.014 χ^2/NDF: 5540.0/23

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

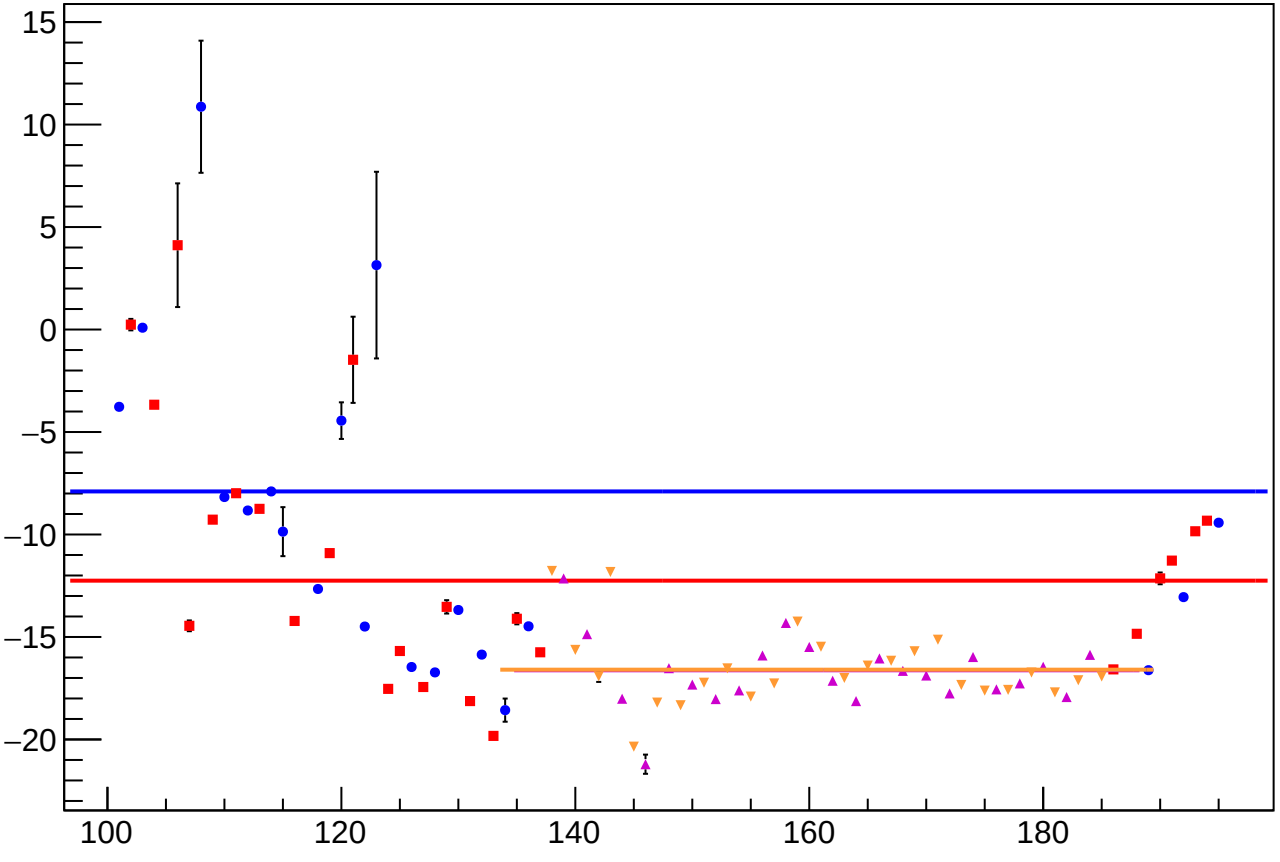
Right: -1.007+/-0.000 χ^2/NDF: 19544.1/43

In: -1.007+/-0.000 χ^2/NDF:71046.5/42

Out: 1.106+/-0.010 χ^2/NDF:21921.0/48

All: -1.007+/-0.000 χ^2/NDF: 135520.8/91

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 45890.0/19

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -12.252+/-0.017 χ^2/NDF: 34240.9/23

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

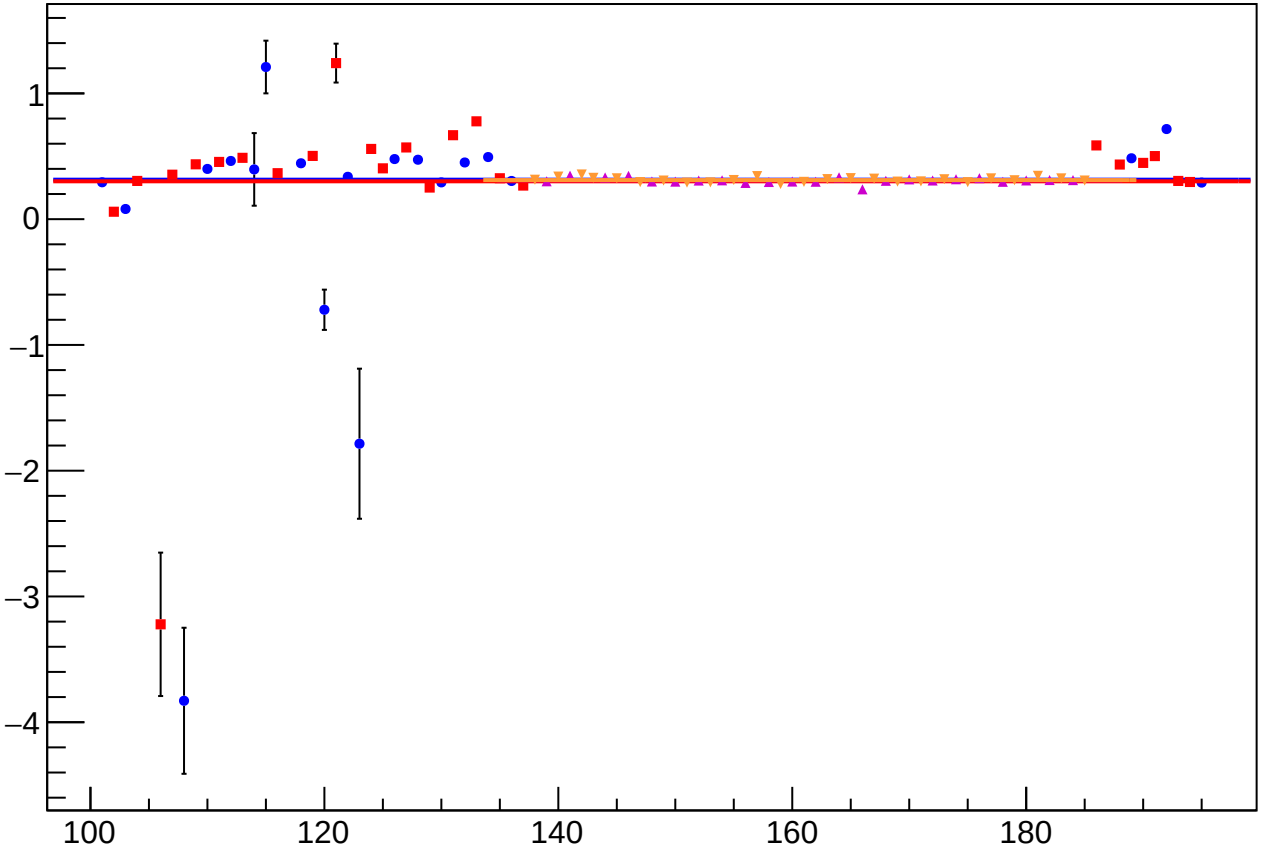
Right: -7.899+/-0.000 χ^2/NDF: 145444.6/43

In: -7.899+/-0.000 χ^2/NDF:404987.3/42

Out: -14.788+/-0.011 χ^2/NDF:80629.8/48

All: -7.899+/-0.000 χ^2/NDF: 878820.1/91

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 3254.6/19

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.301+/-0.001 χ^2/NDF: 7011.8/23

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

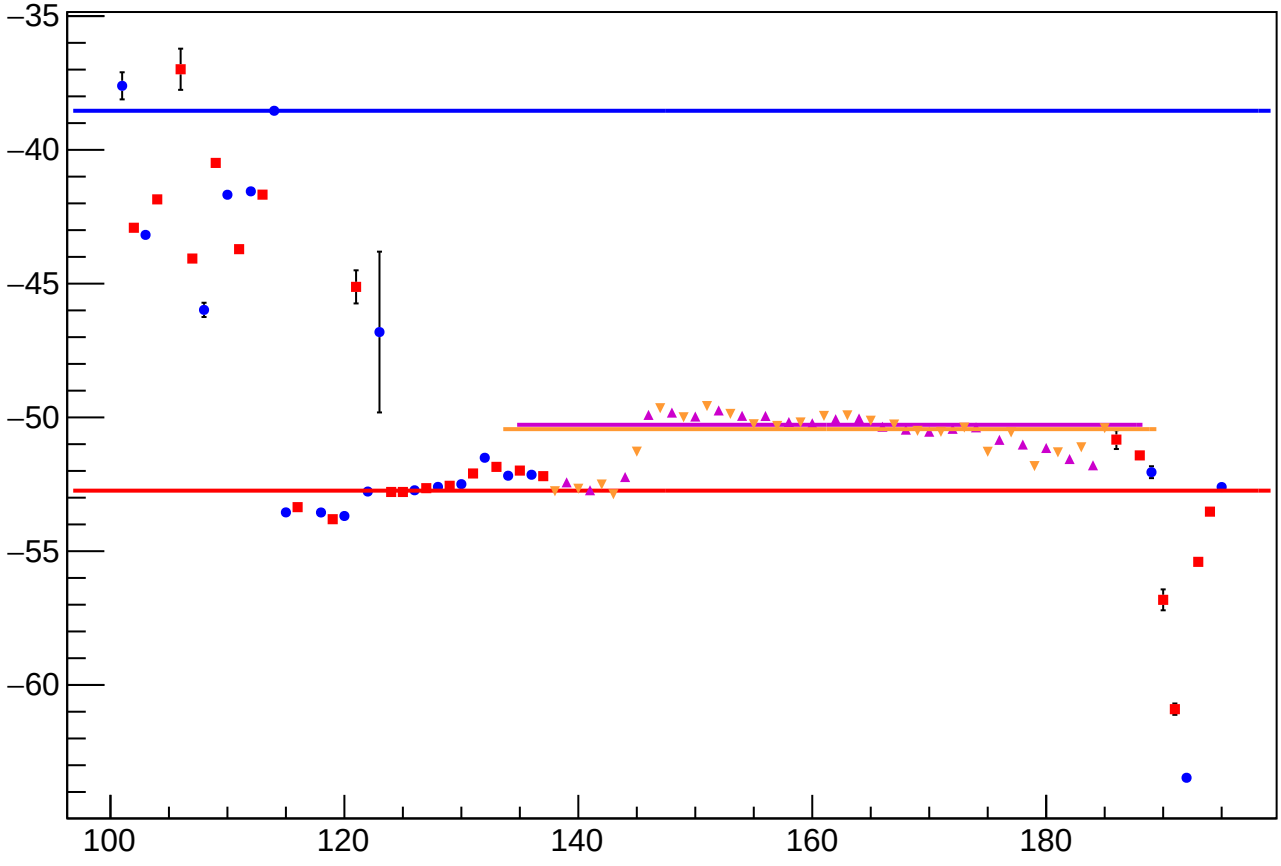
Right: 0.307+/-0.001 χ^2/NDF: 10370.9/43

In: 0.310+/-0.000 χ^2/NDF:6346.6/42

Out: 0.310+/-0.000 χ^2/NDF:12111.5/48

All: 0.310+/-0.000 χ^2/NDF: 18458.2/91

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 15000384.0/19

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.737+/-0.002 χ^2/NDF: 83930.4/23

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

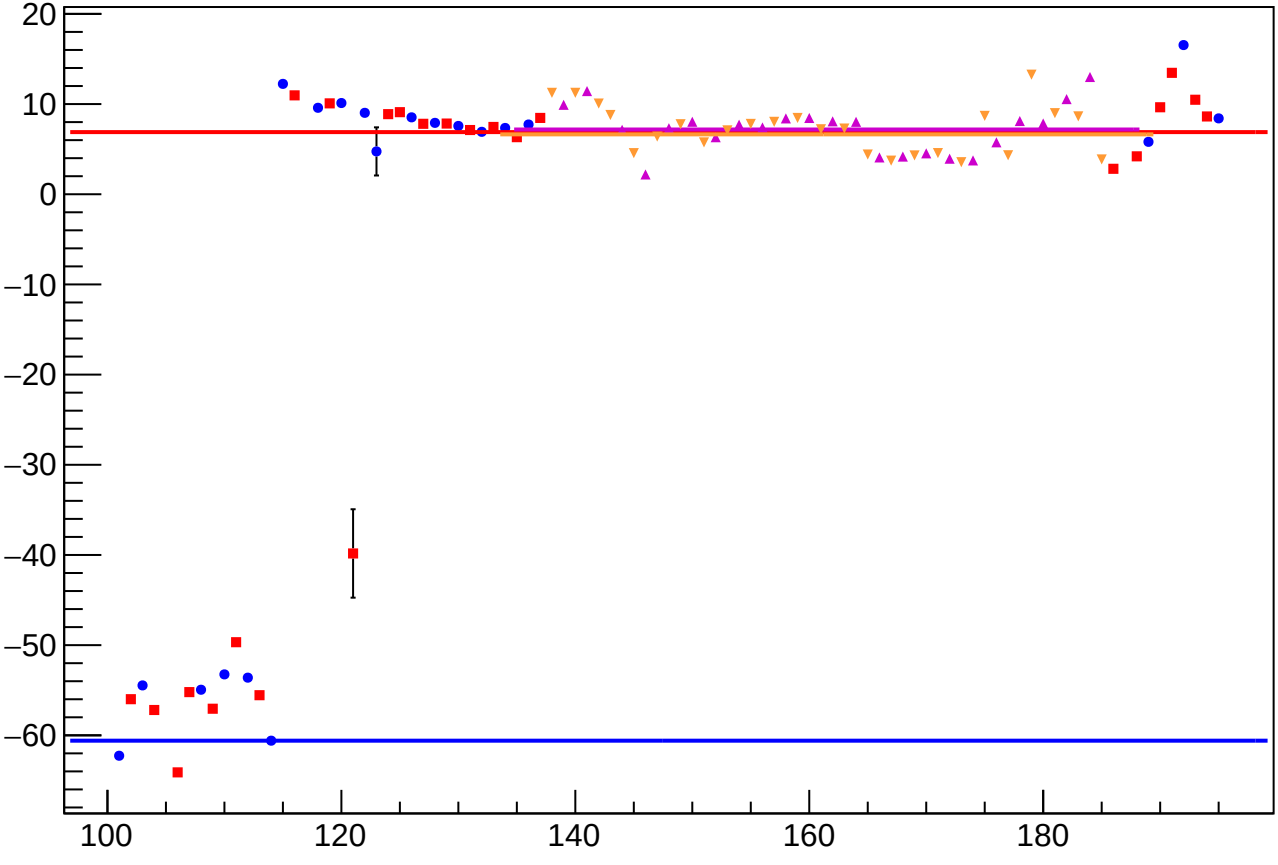
Right: -38.539+/-0.000 χ^2/NDF: 72275449.3/43

In: -38.539+/-0.000 χ^2/NDF:103159445.1/42

Out: -51.236+/-0.001 χ^2/NDF:1362529.6/48

All: -38.539+/-0.000 χ^2/NDF: 236313736.9/9

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 27188953.0/19

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.891+/-0.011 χ^2/NDF: 1163172.3/23

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

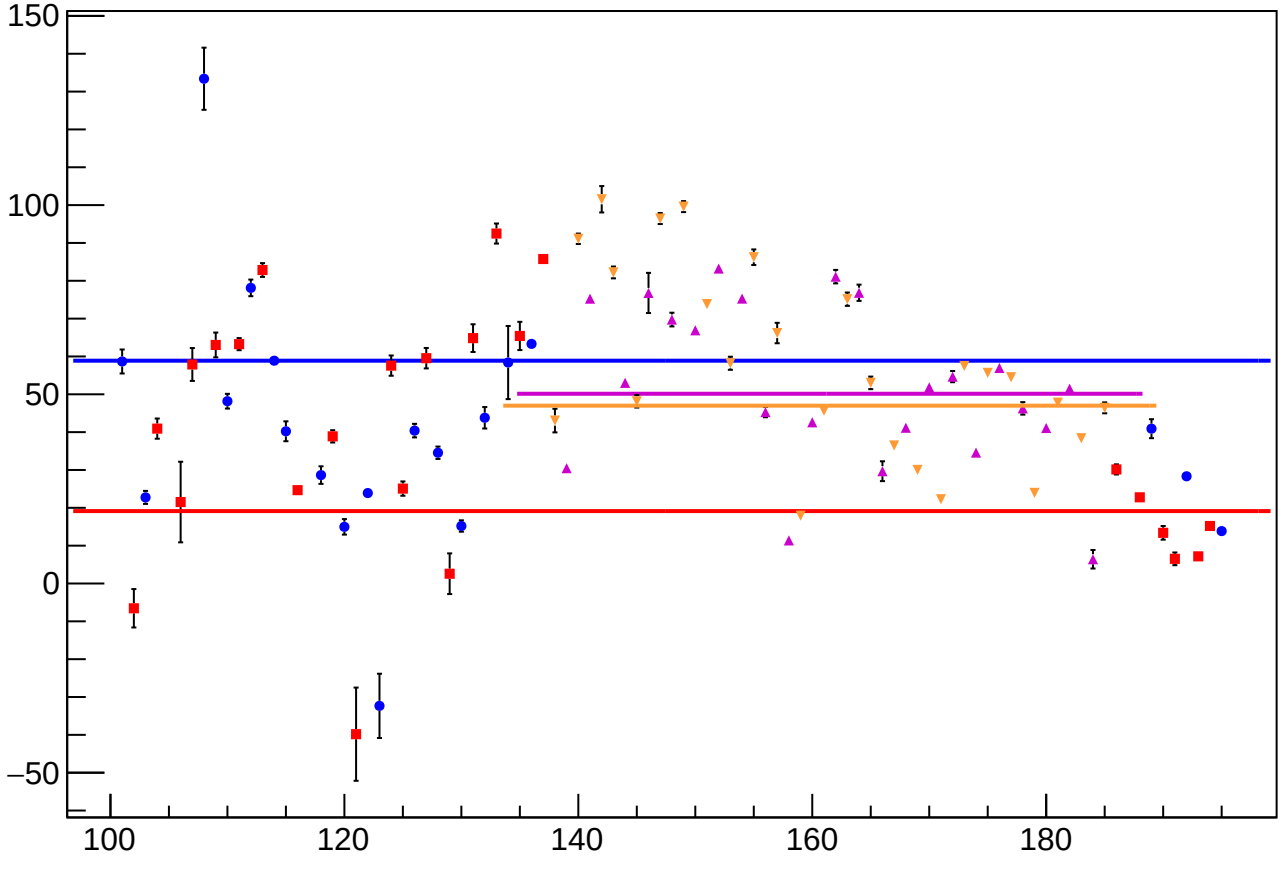
Right: -60.594+/-0.000 χ^2/NDF: 68825944.1/43

In: -60.594+/-0.000 χ^2/NDF:411259815.0/42

Out: 6.668+/-0.003 χ^2/NDF:1504130.9/48

All: -60.594+/-0.000 χ^2/NDF: 787302396.5/9

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 19281.1/19

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.135+/-0.169 χ^2/NDF: 10576.5/23

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

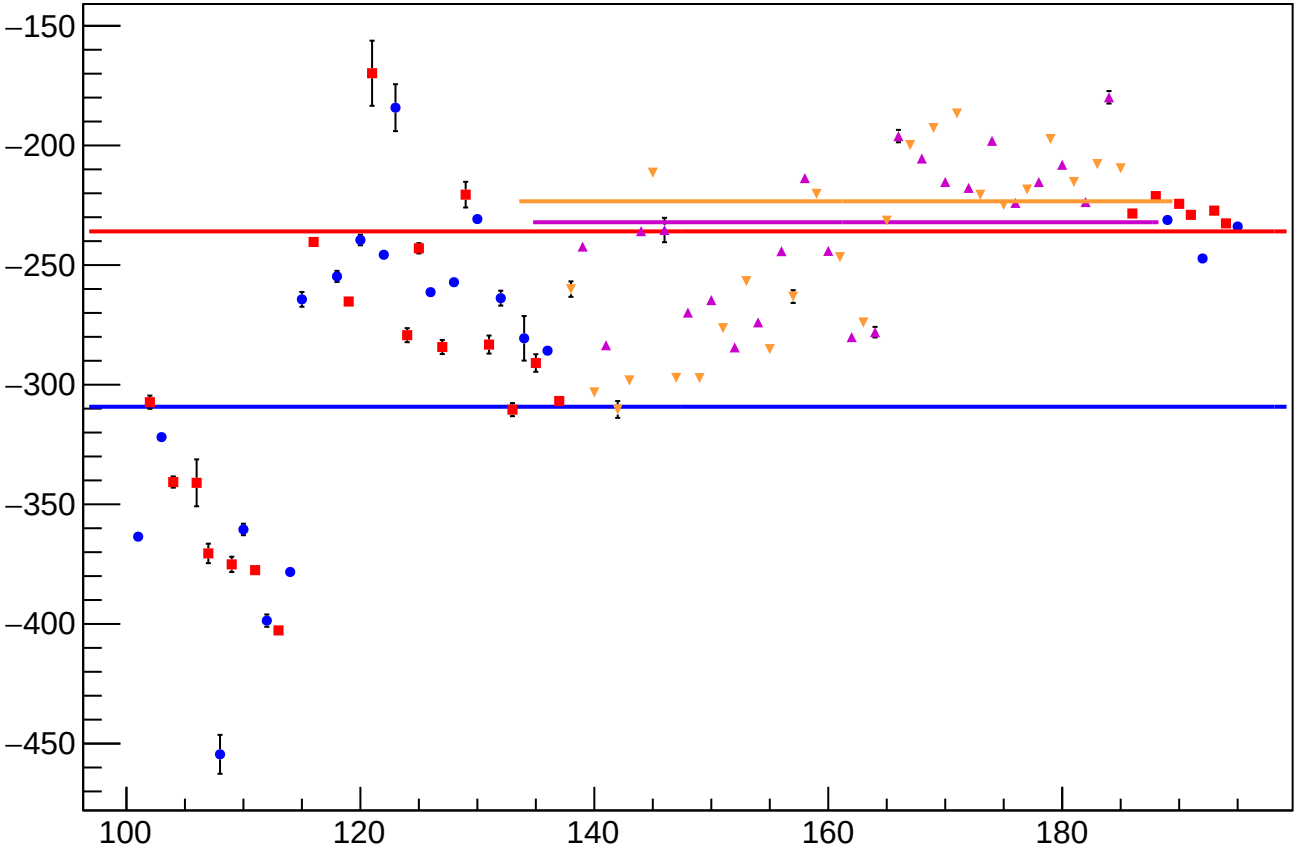
Right: 58.880+/-0.000 χ^2/NDF: 84997.8/43

In: 58.880+/-0.000 χ^2/NDF:27654.7/42

Out: 29.797+/-0.133 χ^2/NDF:30148.4/48

All: 58.880+/-0.000 χ^2/NDF: 105631.8/91

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -309.215+/-0.196 χ^2/NDF: 122255.7/19

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -235.924+/-0.152 χ^2/NDF: 28176.2/23

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

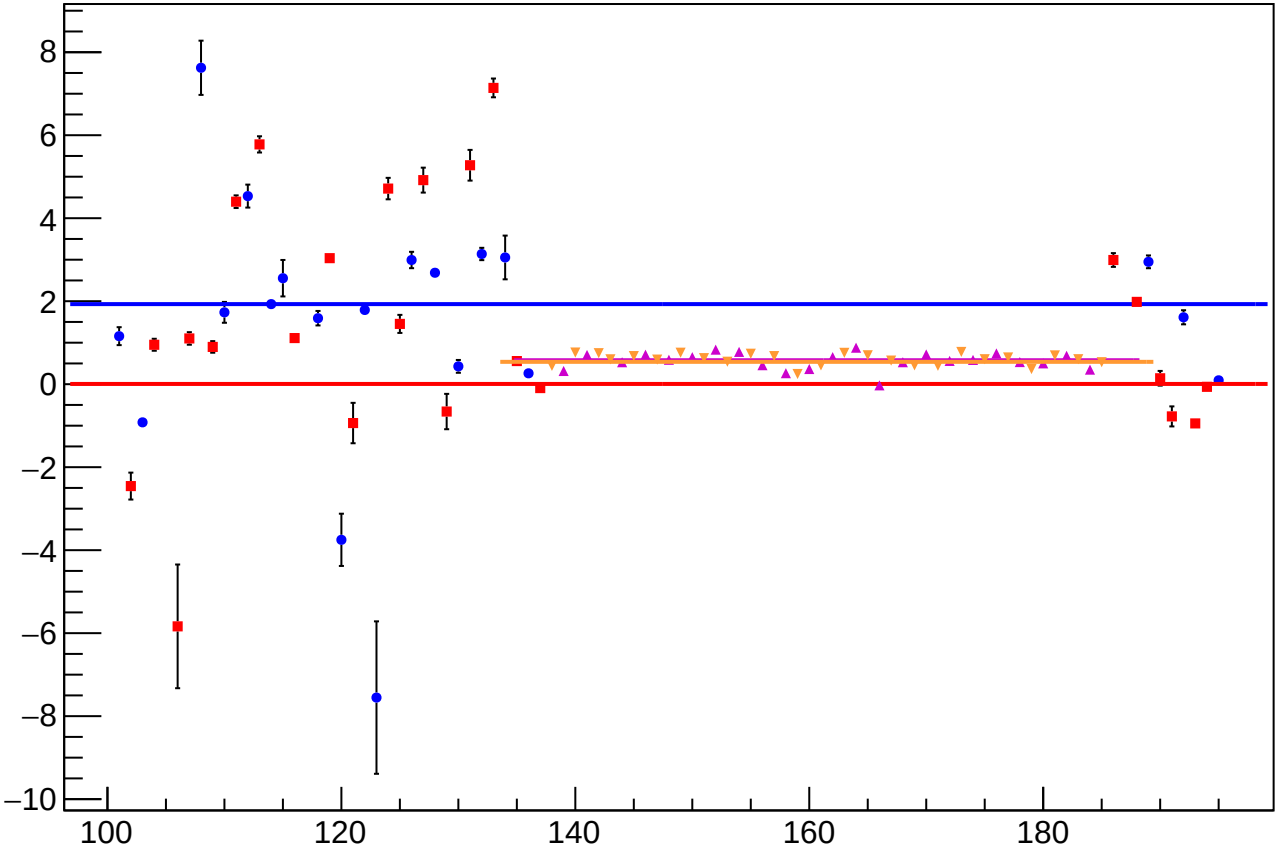
Right: -263.560+/-0.120 χ^2/NDF: 237628.7/43

In: -274.659+/-0.146 χ^2/NDF:209171.6/42

Out: -231.727+/-0.124 χ^2/NDF:52743.6/48

All: -249.856+/-0.095 χ^2/NDF: 312192.0/91

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 63307.3/19

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.006+/-0.004 χ^2/NDF: 10581.3/23

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

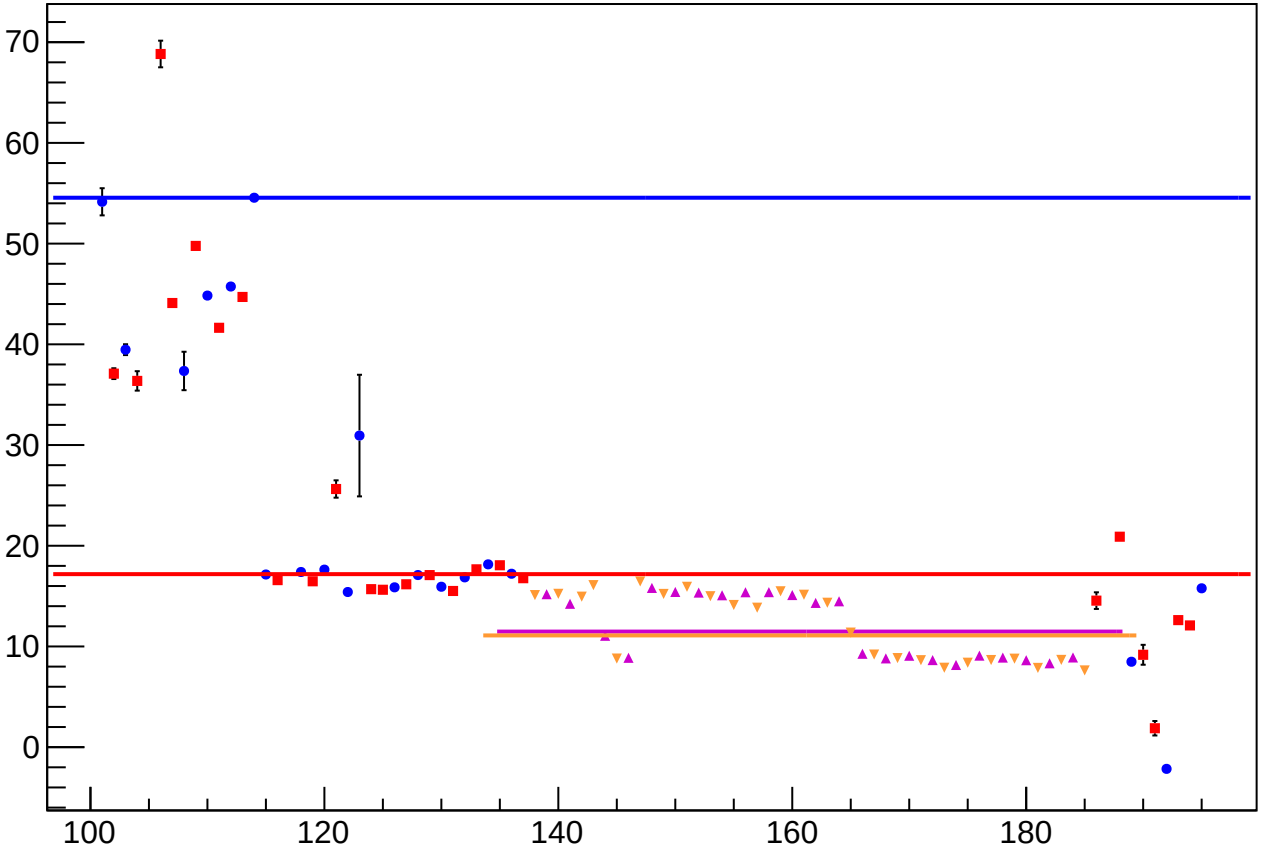
Right: 1.930+/-0.000 χ^2/NDF: 272543.3/43

In: 1.930+/-0.000 χ^2/NDF:948038.1/42

Out: 0.469+/-0.002 χ^2/NDF:34616.2/48

All: 1.930+/-0.000 χ^2/NDF: 1859350.6/91

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 9936898.5/19

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.181+/-0.018 χ^2/NDF: 62473.1/23

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

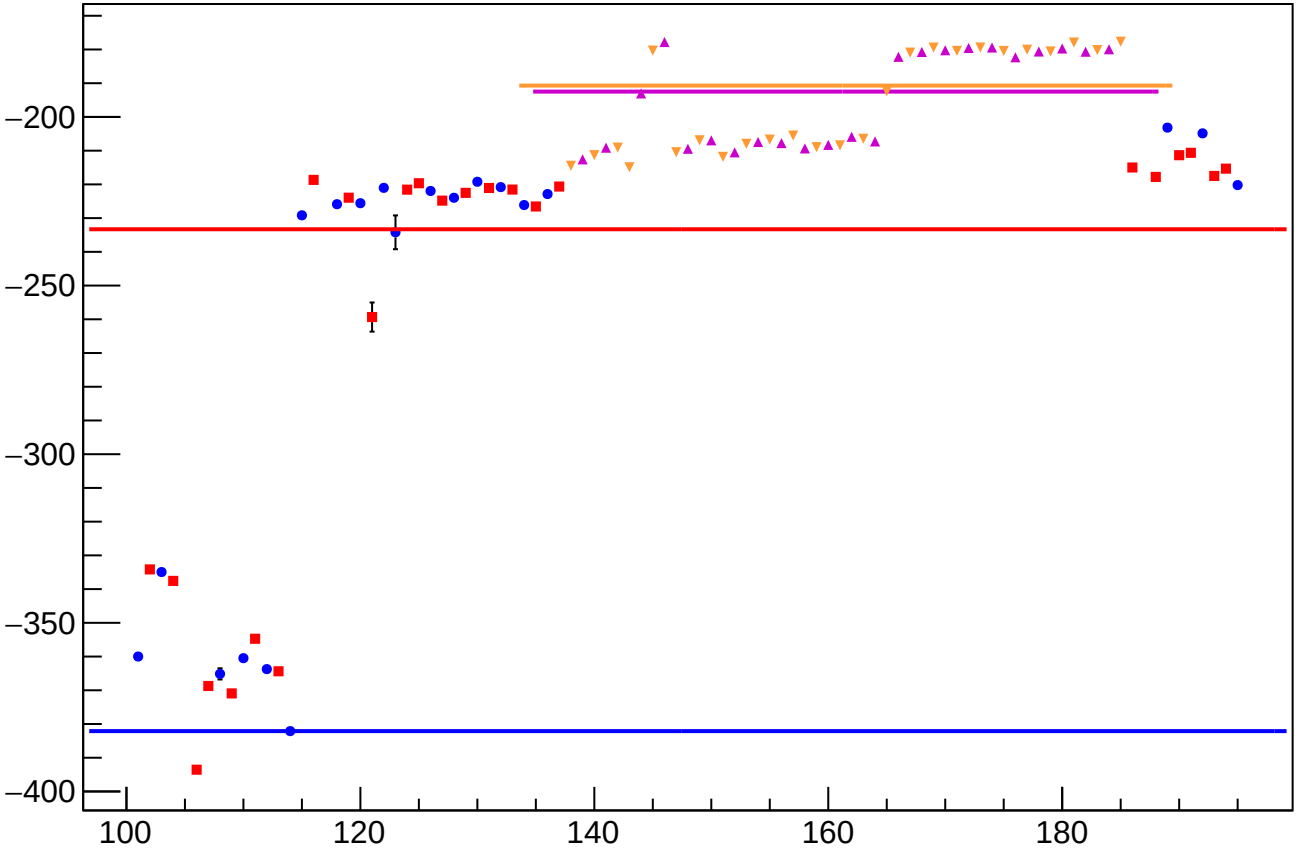
Right: 54.556+/-0.000 χ^2/NDF: 14270046.3/43

In: 54.556+/-0.000 χ^2/NDF:78263634.4/42

Out: 11.586+/-0.005 χ^2/NDF:548082.4/48

All: 54.556+/-0.000 χ^2/NDF: 148803580.8/91

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 19276786.2/19

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -233.305+/-0.047 χ^2/NDF: 654760.5/23

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

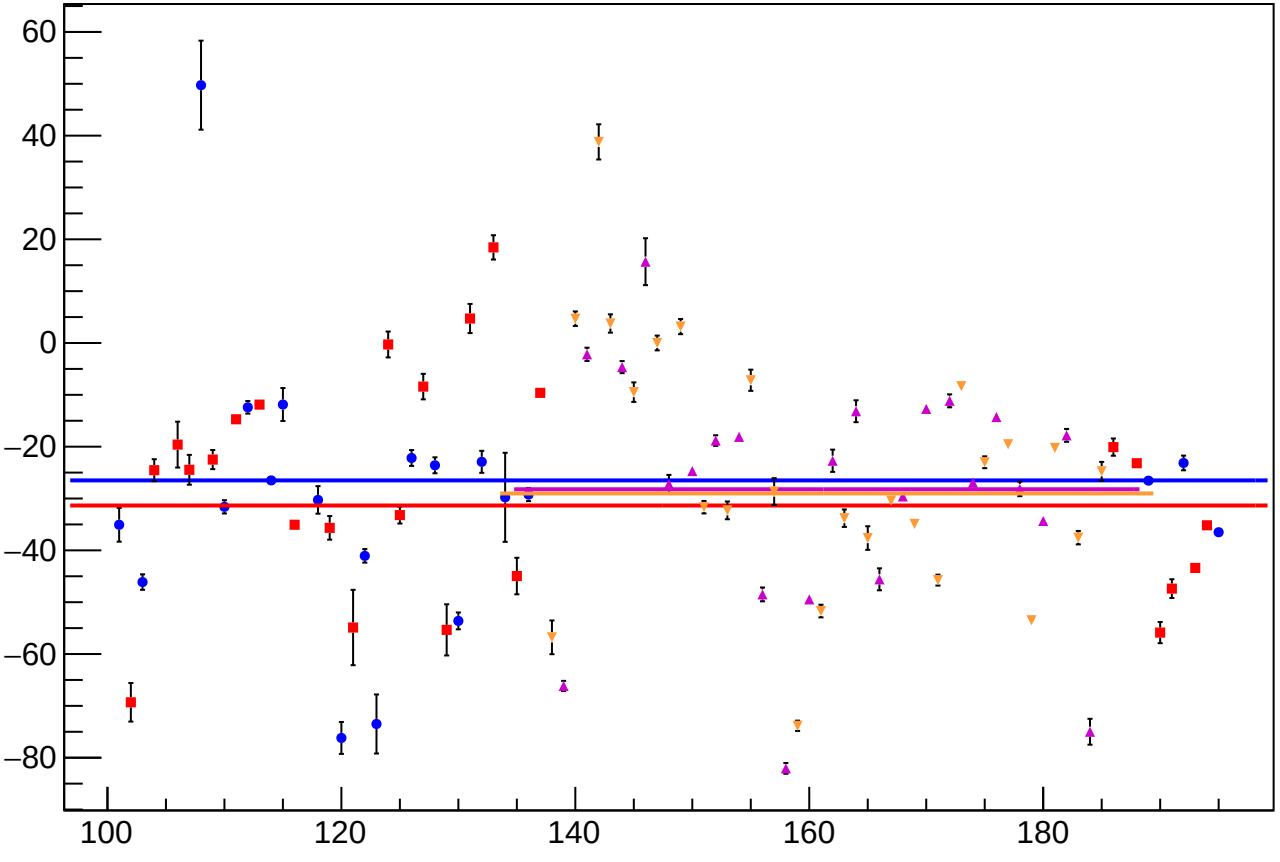
Right: -382.108+/-0.000 χ^2/NDF: 29911222.6/43

In: -382.108+/-0.000 χ^2/NDF:297890942.5/42

Out: -192.966+/-0.011 χ^2/NDF:3031498.8/48

All: -382.108+/-0.000 χ^2/NDF: 604464209.2/

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 1596.5/19

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -31.348+/-0.175 χ^2/NDF: 4334.0/23

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

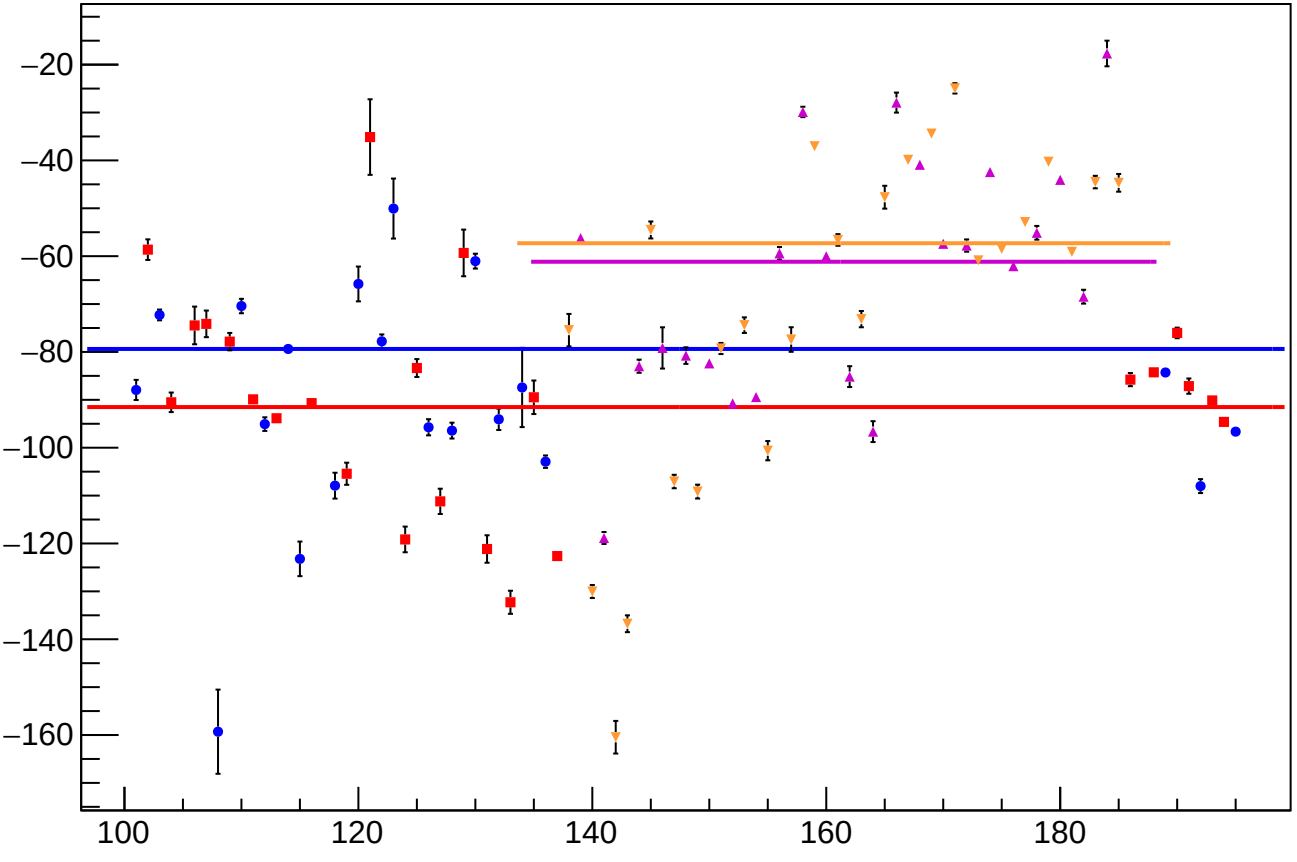
Right: -26.504+/-0.000 χ^2/NDF: 6696.1/43

In: -26.504+/-0.000 χ^2/NDF:9446.6/42

Out: -30.517+/-0.140 χ^2/NDF:11507.5/48

All: -26.504+/-0.000 χ^2/NDF: 21771.7/91

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 3120.6/19

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -91.512+/-0.148 χ^2/NDF: 2718.1/23

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

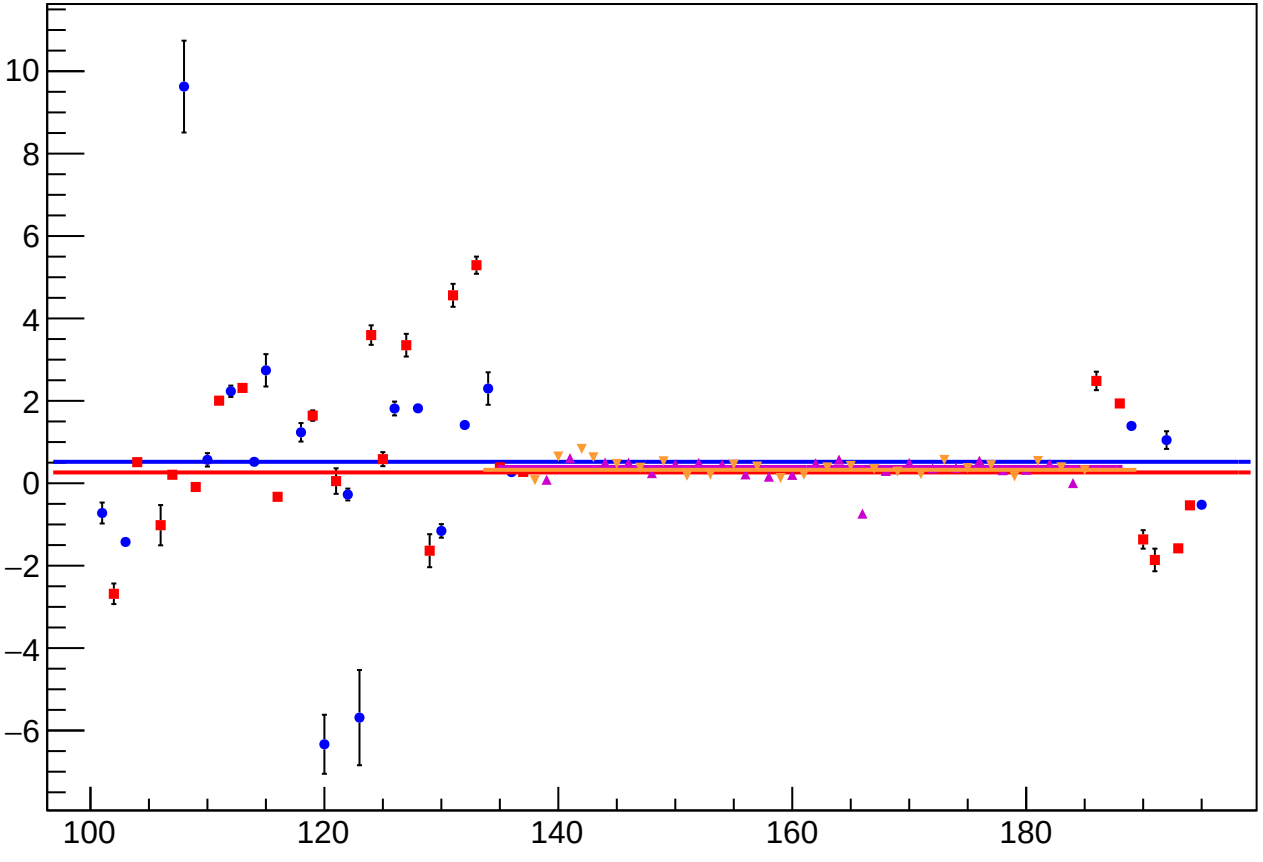
Right: -79.376+/-0.000 χ^2/NDF: 12526.3/43

In: -79.376+/-0.000 χ^2/NDF:19068.1/42

Out: -81.406+/-0.125 χ^2/NDF:31485.6/48

All: -79.376+/-0.000 χ^2/NDF: 50819.2/91

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3852.1/19

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.263+/-0.010 χ^2/NDF: 5809.3/23

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

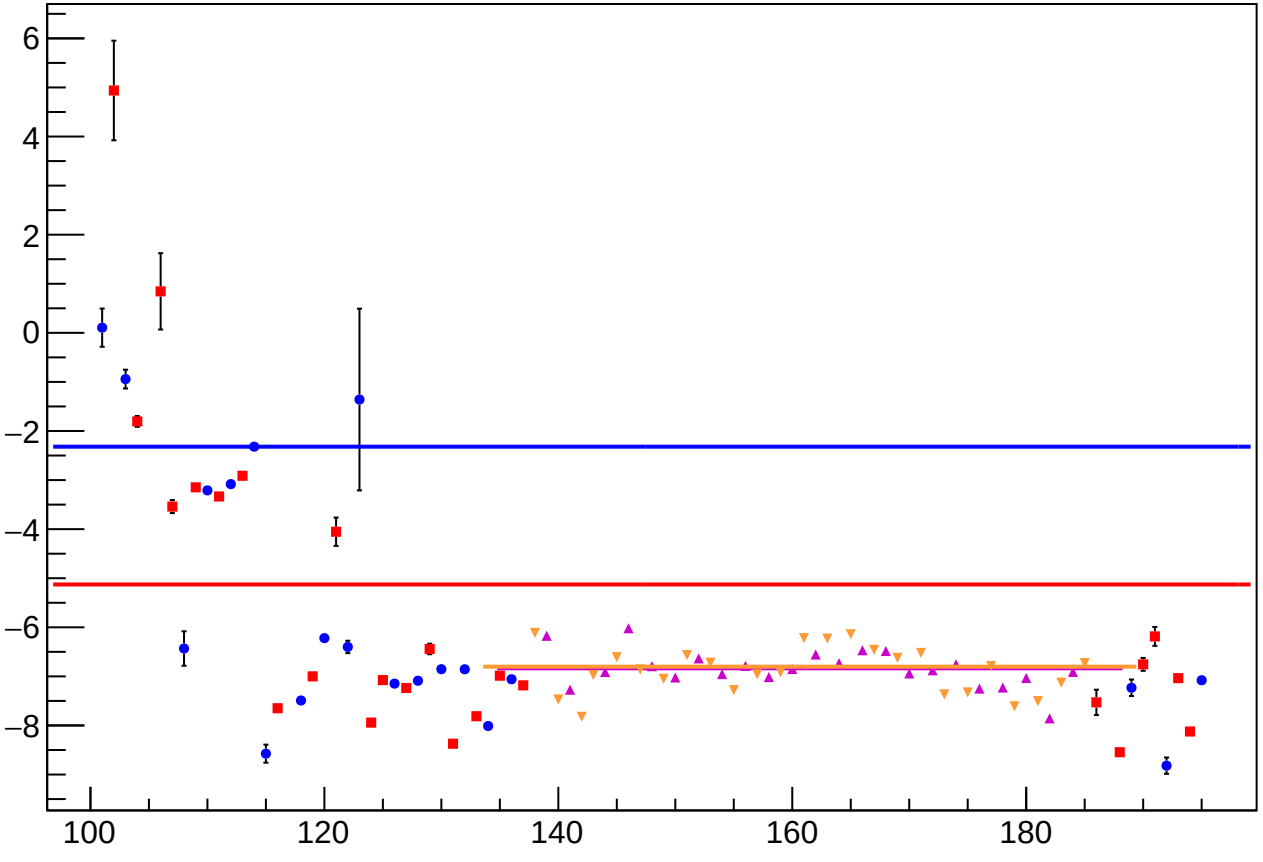
Right: 0.521+/-0.000 χ^2/NDF: 10297.2/43

In: 0.521+/-0.000 χ^2/NDF:22760.9/42

Out: 0.325+/-0.002 χ^2/NDF:16266.0/48

All: 0.521+/-0.000 χ^2/NDF: 54378.5/91

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 275711.2/19

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.127+/-0.010 χ^2/NDF: 52610.8/23

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

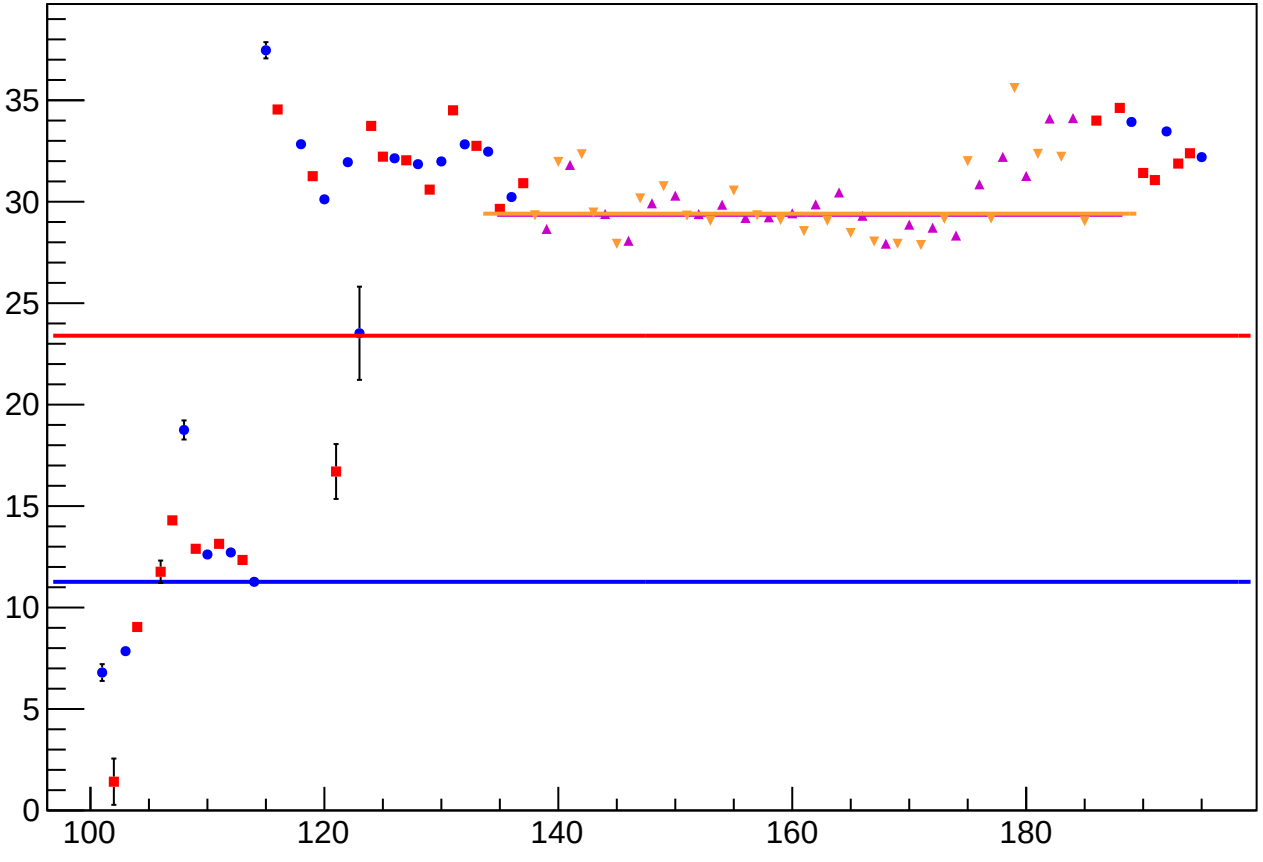
Right: -2.320+/-0.000 χ^2/NDF: 410639.1/43

In: -2.320+/-0.000 χ^2/NDF:3797036.4/42

Out: -6.700+/-0.002 χ^2/NDF:95047.0/48

All: -2.320+/-0.000 χ^2/NDF: 7194790.1/91

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 1057205.0/19

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 23.397+/-0.016 χ^2/NDF: 399686.2/23

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

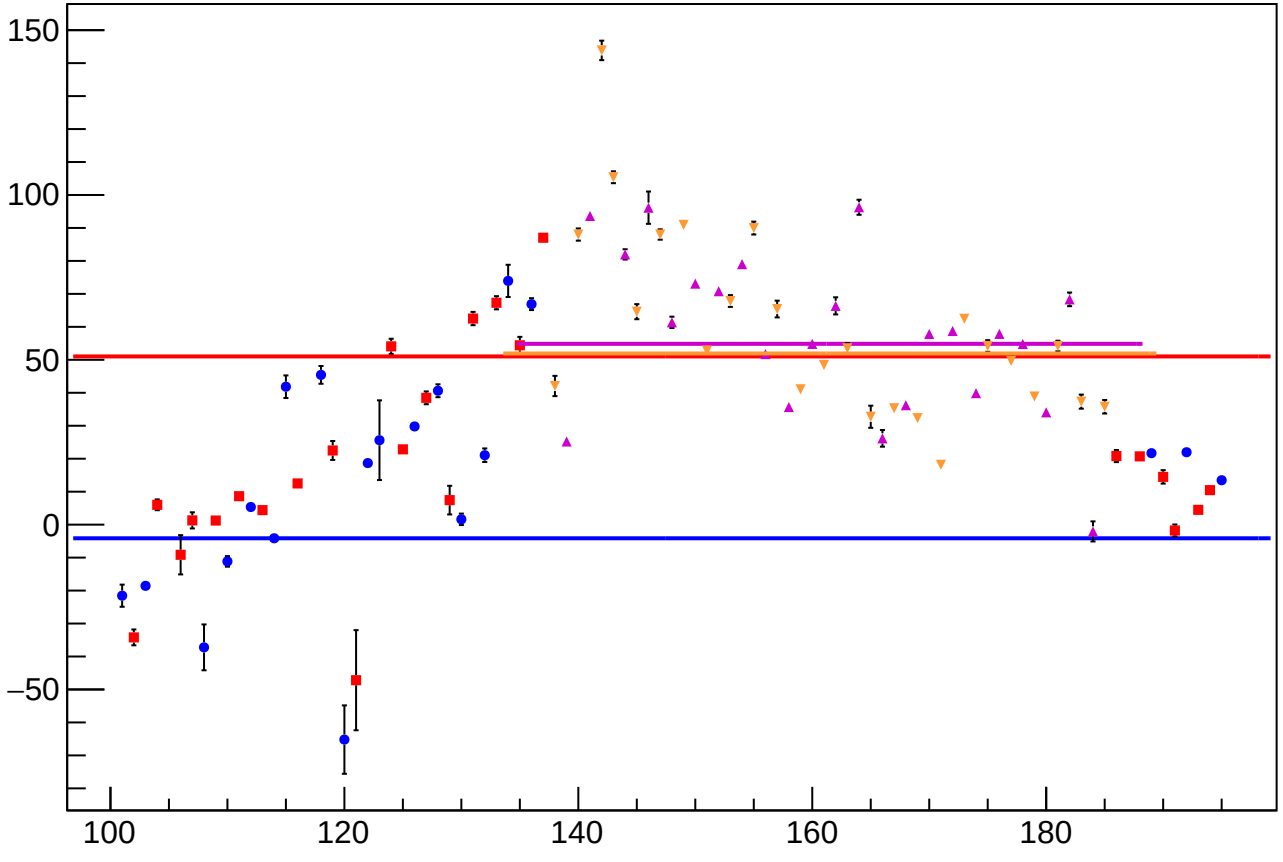
Right: 11.268+/-0.000 χ^2/NDF: 2033781.1/43

In: 11.268+/-0.000 χ^2/NDF:6336138.8/42

Out: 28.160+/-0.007 χ^2/NDF:556401.6/48

All: 11.268+/-0.000 χ^2/NDF: 12272339.9/91

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 6068.2/19

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 51.025+/-0.161 χ^2/NDF: 56981.3/23

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

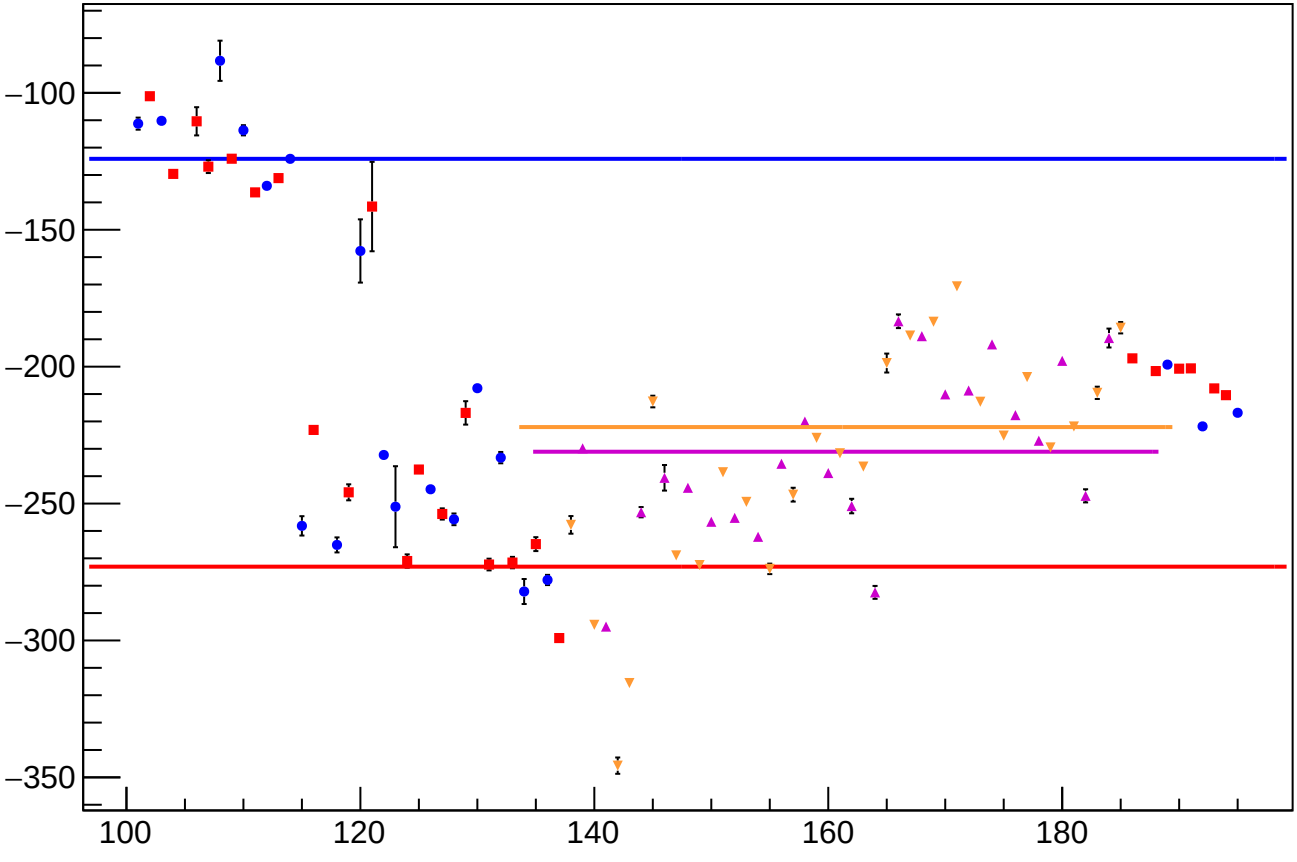
Right: -4.139+/-0.000 χ^2/NDF: 181005.3/43

In: -4.139+/-0.000 χ^2/NDF:69348.6/42

Out: 51.255+/-0.139 χ^2/NDF:63214.8/48

All: -4.139+/-0.000 χ^2/NDF: 291917.1/91

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 71809.9/19

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -273.046+/-0.107 χ^2/NDF: 198614.4/23

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

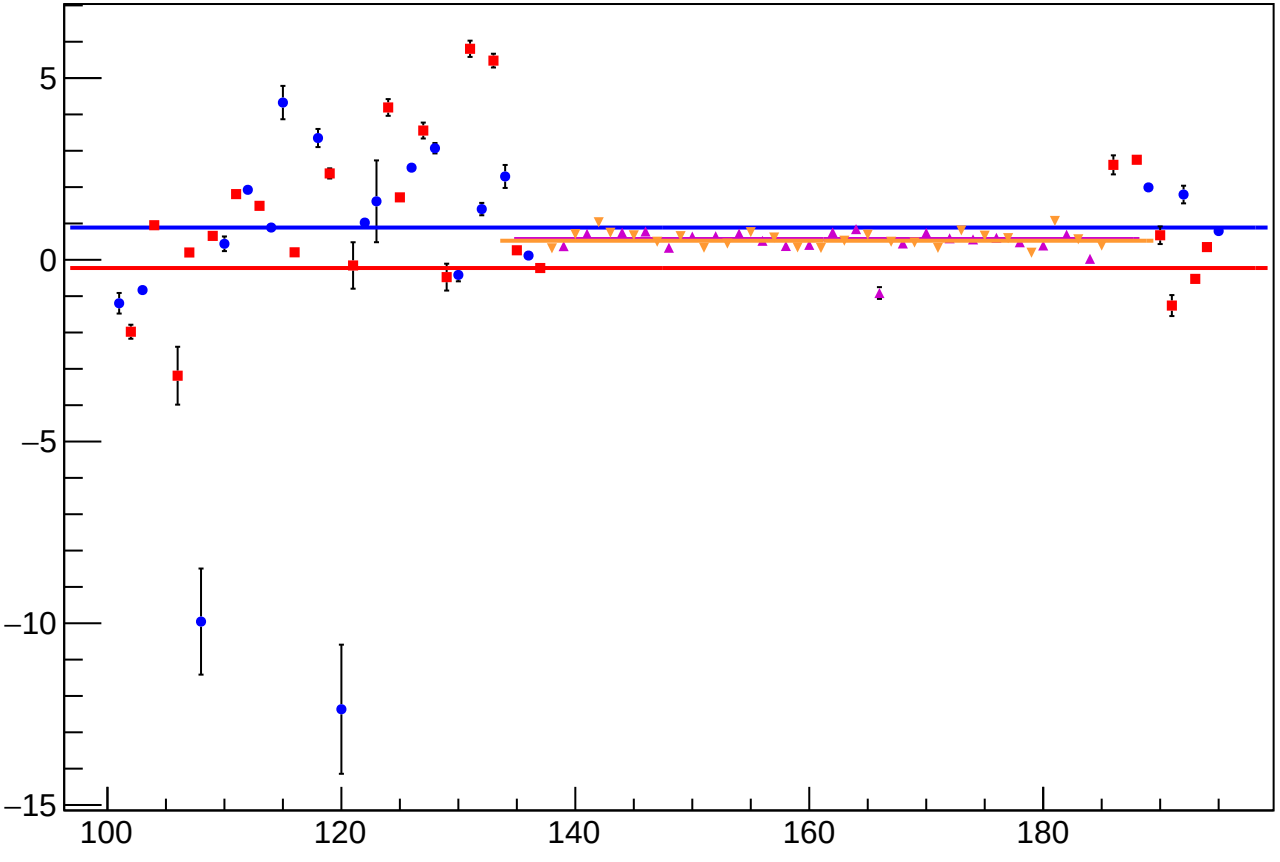
Right: -124.095+/-0.000 χ^2/NDF: 2209843.5/43

In: -124.095+/-0.000 χ^2/NDF:267688.8/42

Out: -266.226+/-0.100 χ^2/NDF:244818.1/48

All: -124.095+/-0.000 χ^2/NDF: 2551088.9/91

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8776.9/19

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 6182.5/23

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

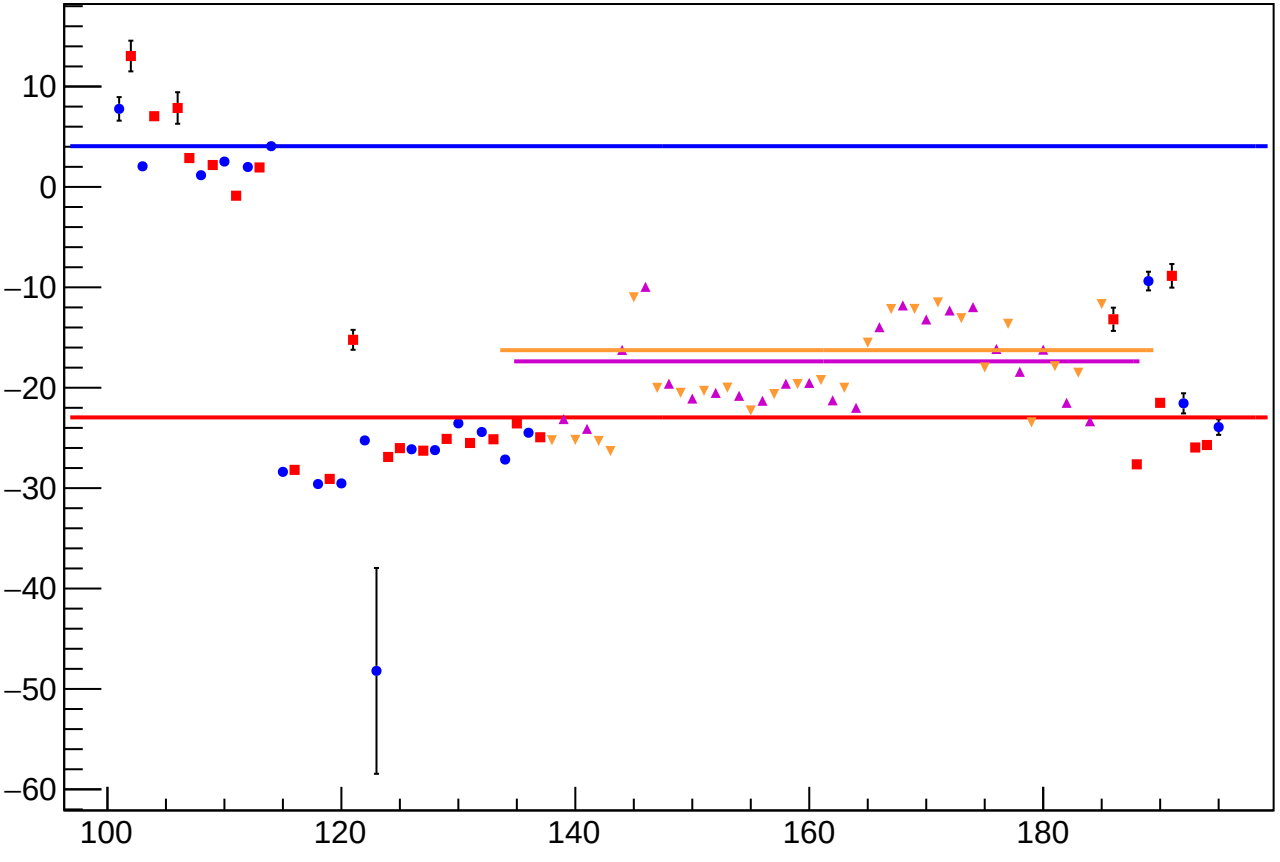
Right: 0.888+/-0.000 χ^2/NDF: 422221811.9/43

In: 0.888+/-0.000 χ^2/NDF:39806.4/42

Out: -0.225+/-0.000 χ^2/NDF:153912.5/48

All: 0.888+/-0.000 χ^2/NDF: 422294388.6/91

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1250044.7/19

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.956+/-0.026 χ^2/NDF: 116636.0/23

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

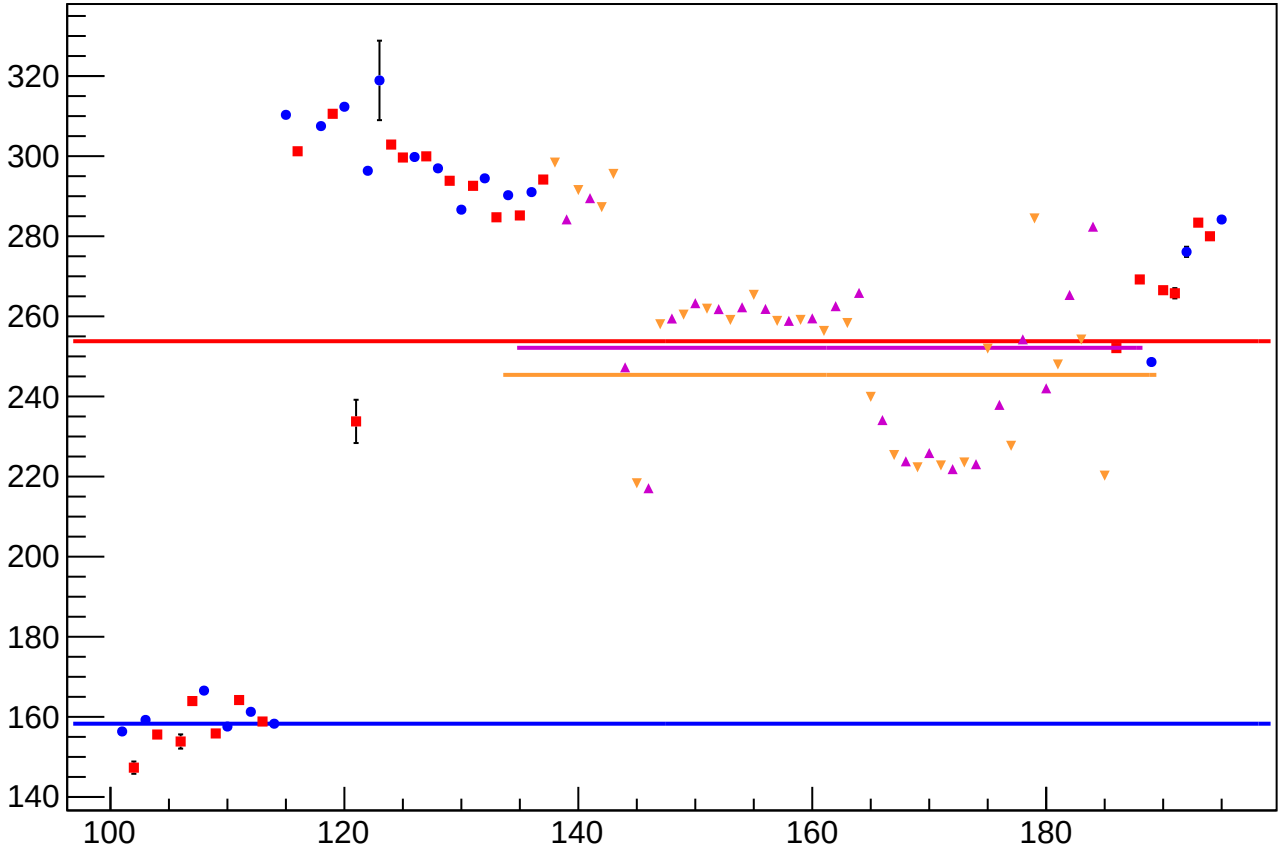
Right: 4.057+/-0.000 χ^2/NDF: 2437283.8/43

In: 4.057+/-0.000 χ^2/NDF:6649797.9/42

Out: -17.119+/-0.009 χ^2/NDF:362494.2/48

All: 4.057+/-0.000 χ^2/NDF: 12141447.1/91

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2472142.8/19

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 253.794+/-0.064 χ^2/NDF: 947178.7/23

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

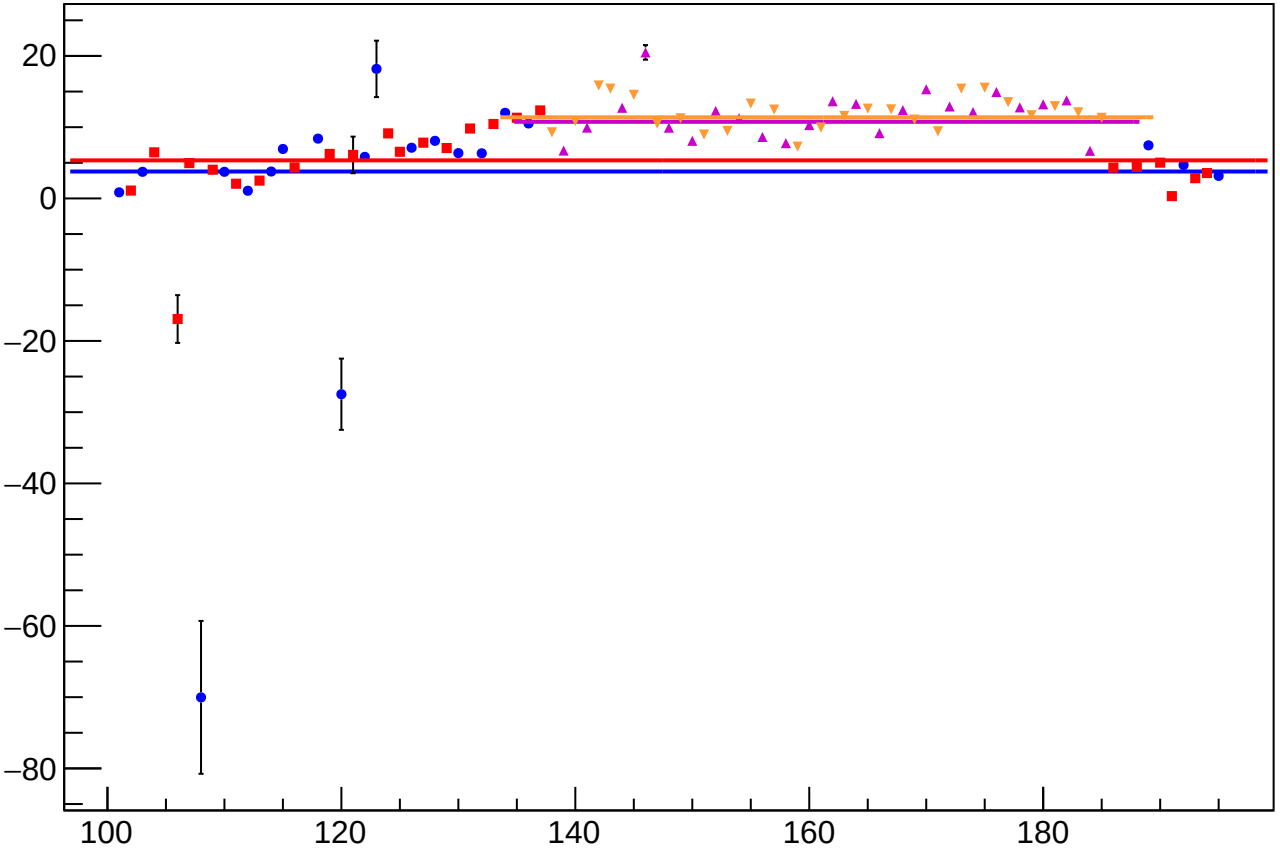
Right: 158.293+/-0.000 χ^2/NDF: 5655207.8/43

In: 158.293+/-0.000 χ^2/NDF:13795195.3/42

Out: 246.694+/-0.025 χ^2/NDF:1685370.8/48

All: 158.293+/-0.000 χ^2/NDF: 27832425.0/91

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 7129.7/19

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.342+/-0.022 χ^2/NDF: 19978.4/23

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

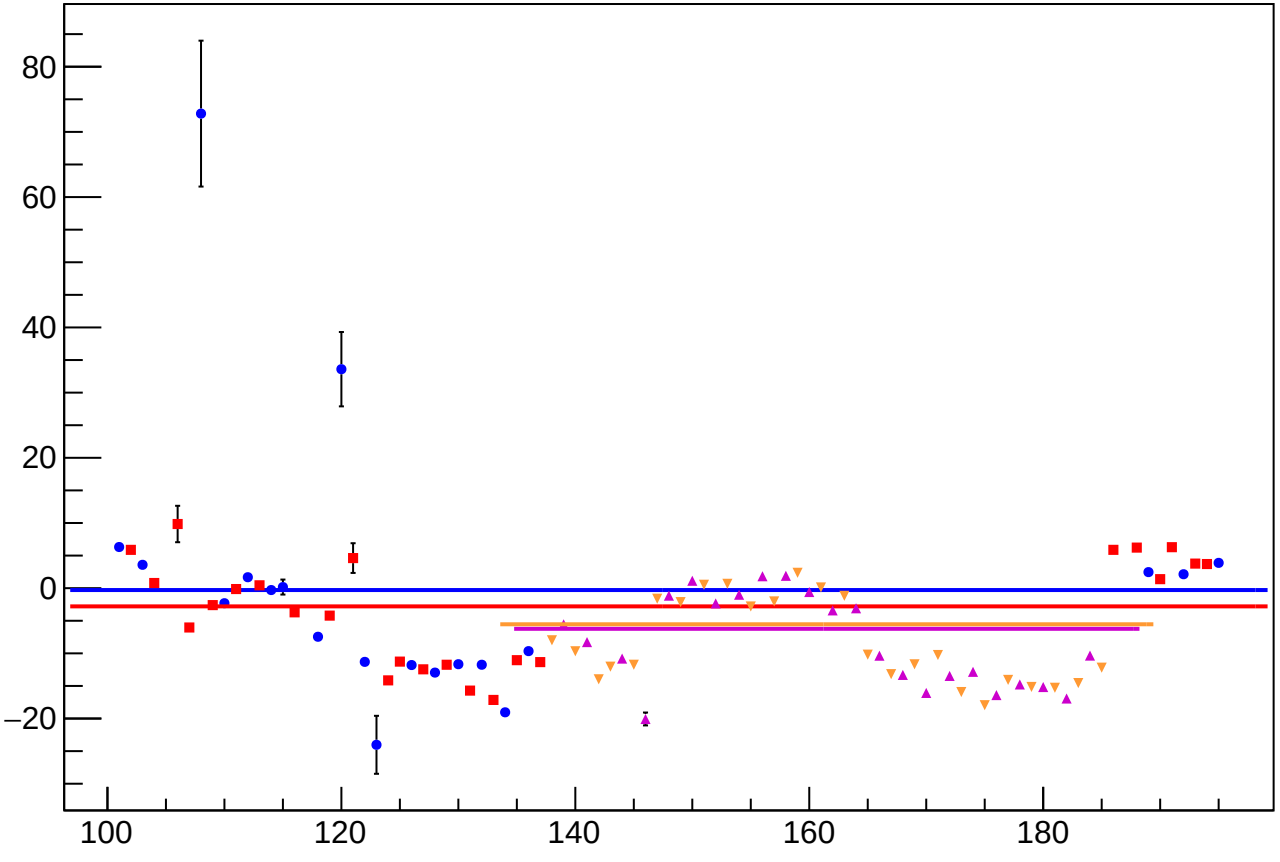
Right: 3.778+/-0.000 χ^2/NDF: 32019.6/43

In: 3.778+/-0.000 χ^2/NDF:80414.7/42

Out: 7.488+/-0.018 χ^2/NDF:50332.6/48

All: 3.778+/-0.000 χ^2/NDF: 173596.7/91

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 45297.5/19

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -2.793+/-0.023 χ^2/NDF: 105083.6/23

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

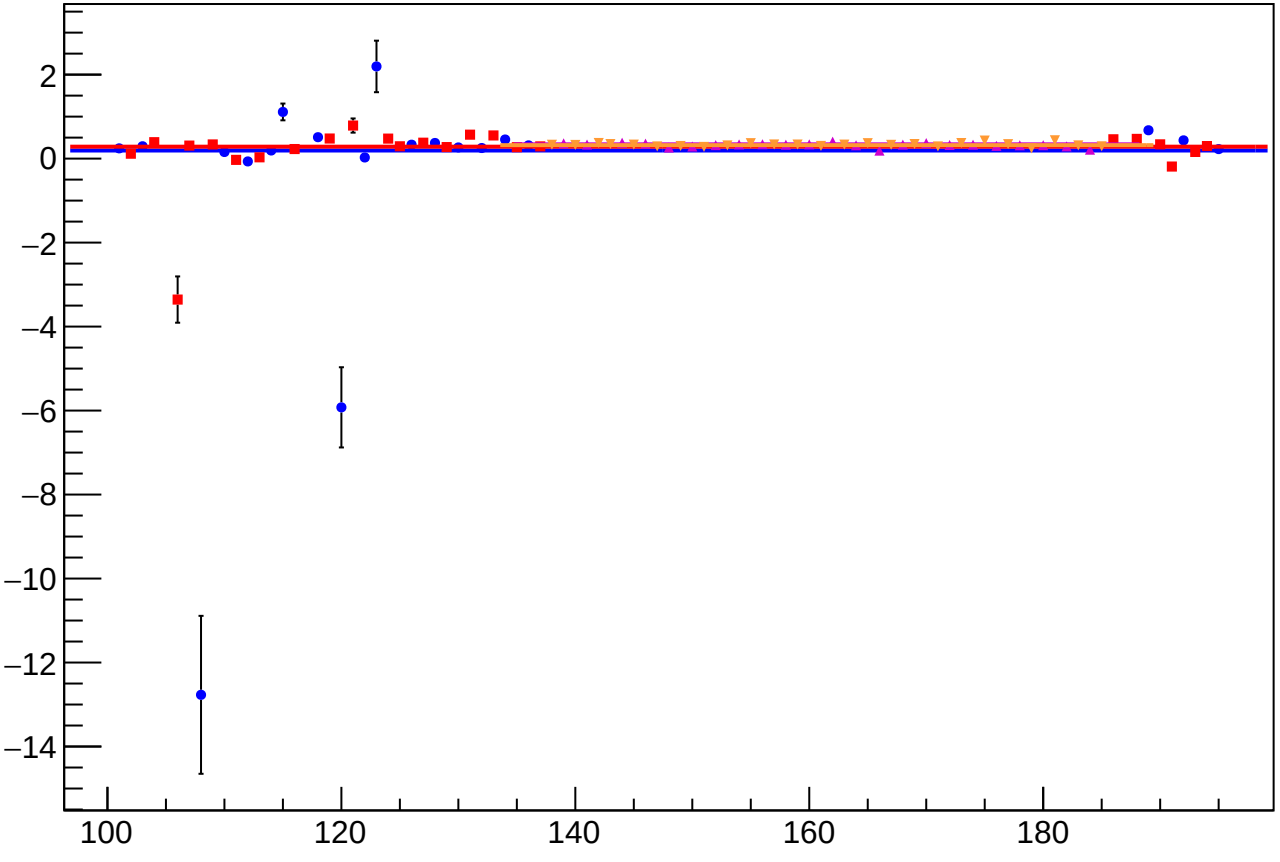
Right: -0.287+/-0.000 χ^2/NDF: 162400.2/43

In: -0.287+/-0.000 χ^2/NDF:147015.3/42

Out: -3.797+/-0.018 χ^2/NDF:153801.8/48

All: -0.287+/-0.000 χ^2/NDF: 338000.3/91

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10602.5/19

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.284+/-0.001 χ^2/NDF: 6828.5/23

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

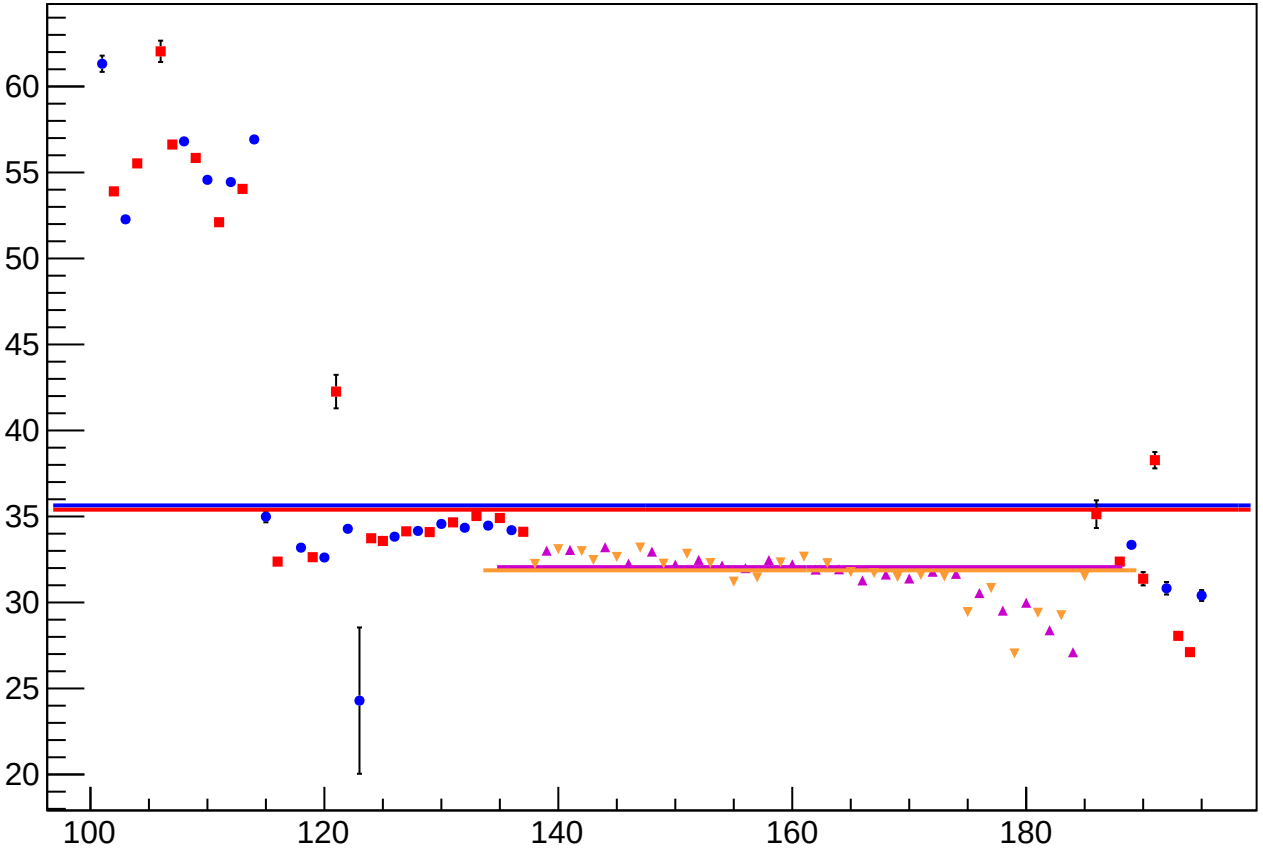
Right: 0.193+/-0.000 χ^2/NDF: 21492.0/43

In: 0.193+/-0.000 χ^2/NDF:91371.6/42

Out: 0.316+/-0.000 χ^2/NDF:10769.3/48

All: 0.193+/-0.000 χ^2/NDF: 168852.2/91

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.642+/-0.011 χ^2/NDF: 219312.2/19

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.395+/-0.011 χ^2/NDF: 271500.4/23

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

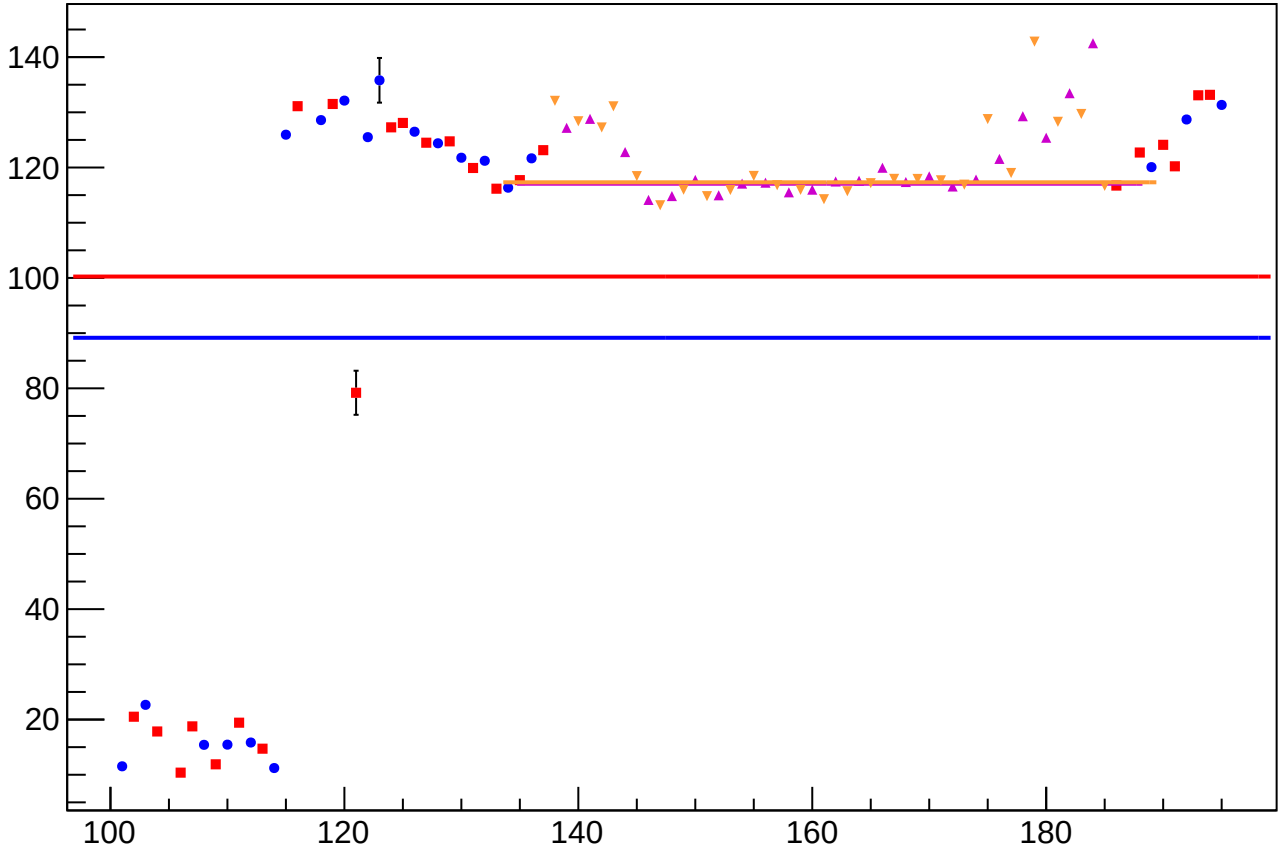
Right: 35.510+/-0.008 χ^2/NDF: 491065.0/43

In: 32.352+/-0.003 χ^2/NDF:343777.1/42

Out: 32.147+/-0.003 χ^2/NDF:434472.6/48

All: 32.241+/-0.002 χ^2/NDF: 780399.6/91

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.157+/-0.031 χ^2/NDF: 2508993.7/19

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 100.249+/-0.027 χ^2/NDF: 3216731.8/23

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

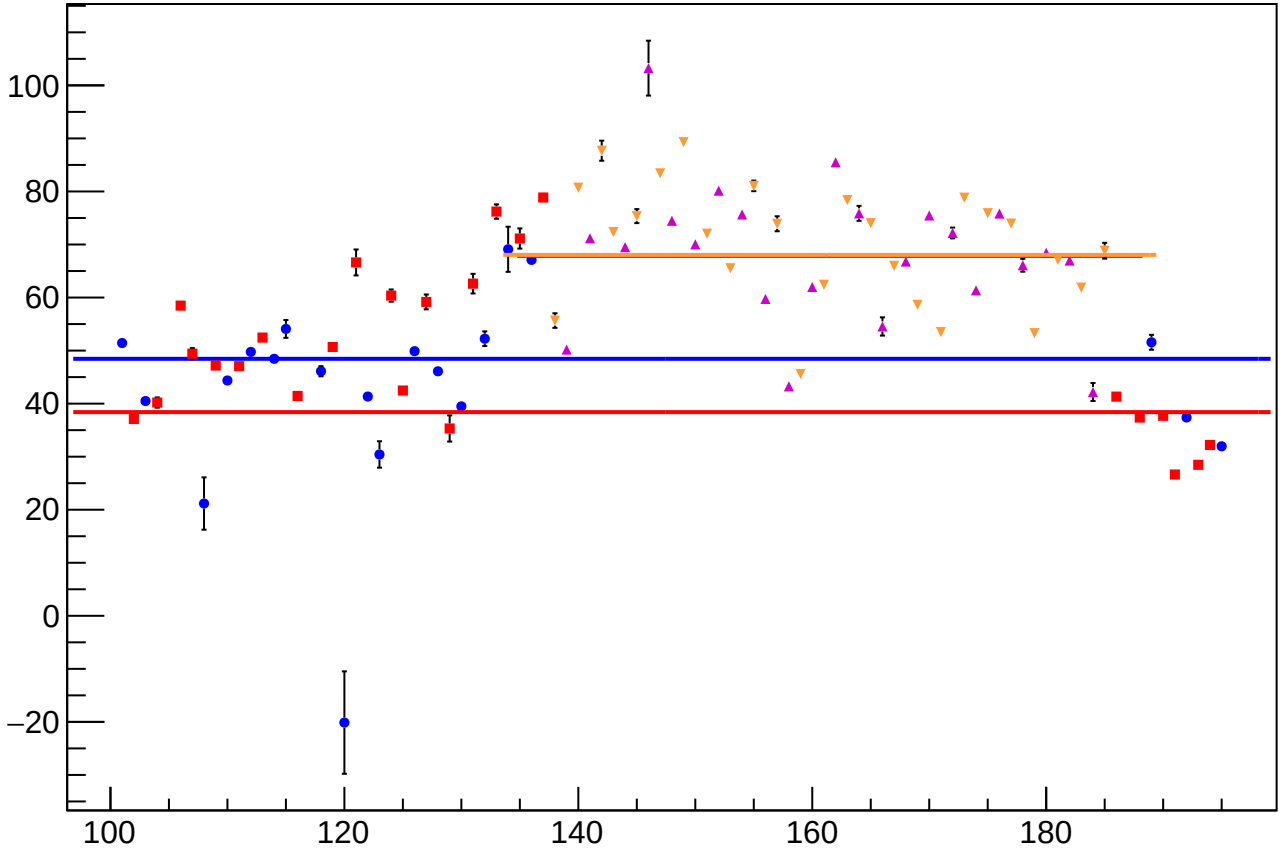
Right: 95.514+/-0.020 χ^2/NDF: 5799744.3/43

In: 114.959+/-0.008 χ^2/NDF:3327598.8/42

Out: 115.961+/-0.008 χ^2/NDF:3767471.7/48

All: 115.519+/-0.006 χ^2/NDF: 7102888.5/91

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 7639.7/19

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 38.402+/-0.092 χ^2/NDF: 13591.1/23

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

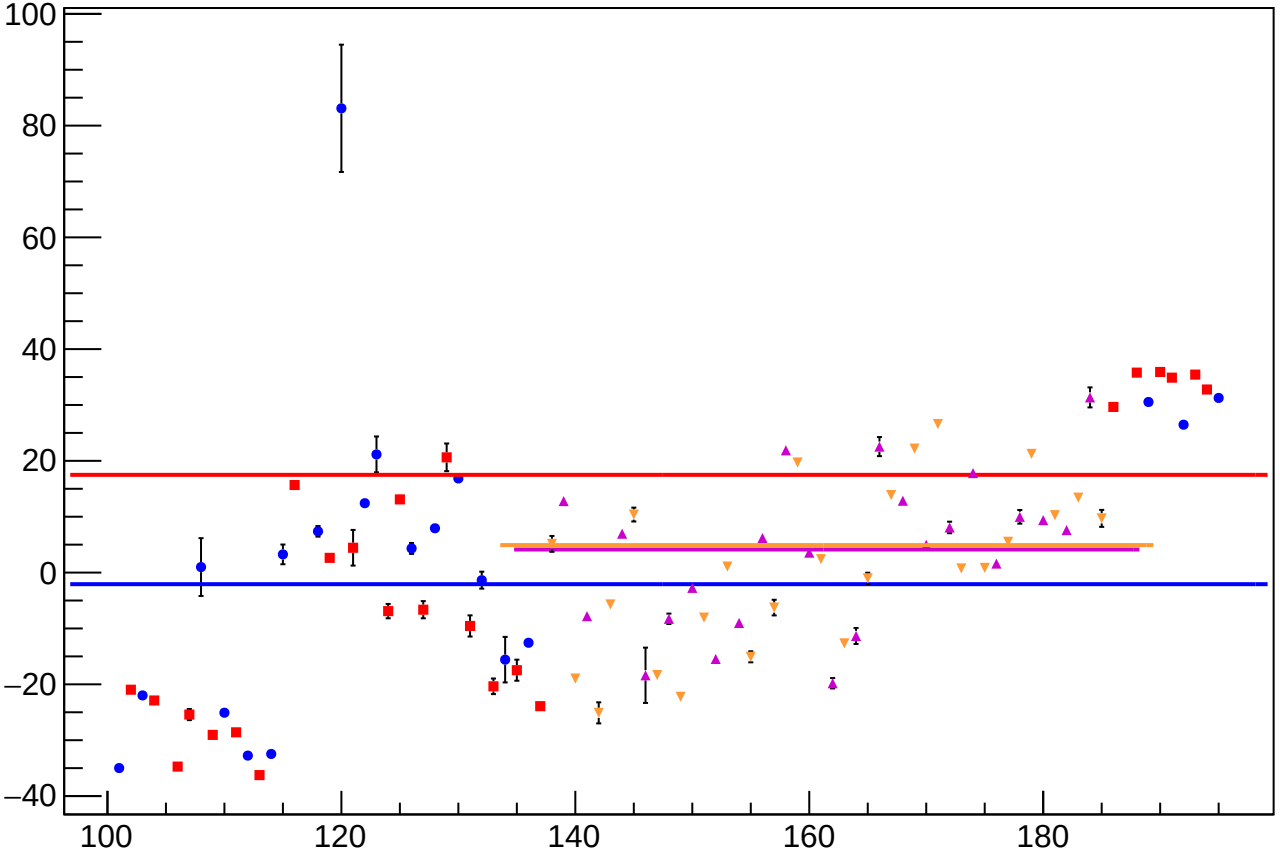
Right: 48.450+/-0.000 χ^2/NDF: 33206.6/43

In: 48.450+/-0.000 χ^2/NDF:37015.1/42

Out: 48.042+/-0.075 χ^2/NDF:54159.5/48

All: 48.450+/-0.000 χ^2/NDF: 91203.9/91

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -2.075+/-0.121 χ^2/NDF: 49354.5/19

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 17.495+/-0.082 χ^2/NDF: 97474.7/23

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

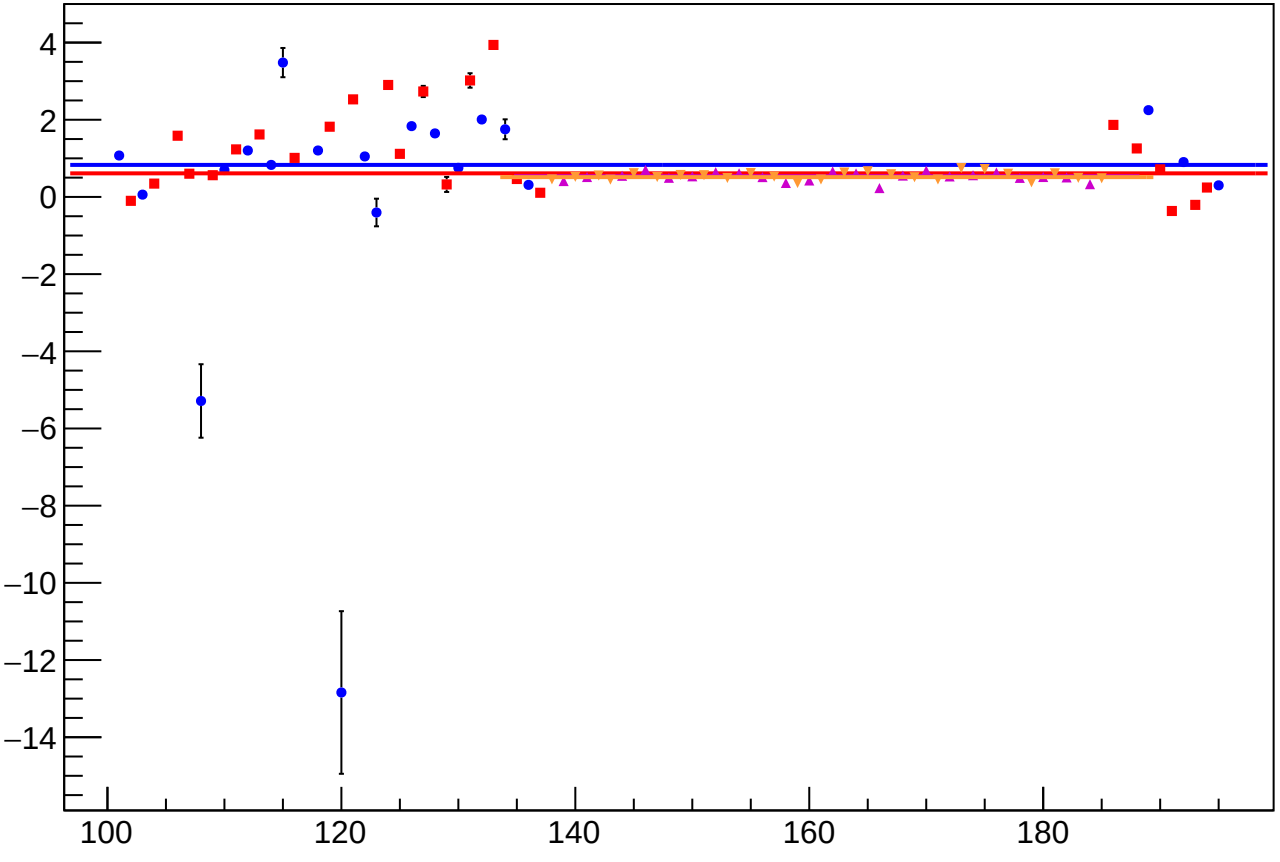
Right: 11.315+/-0.068 χ^2/NDF: 164800.3/43

In: 0.873+/-0.087 χ^2/NDF:56770.0/42

Out: 13.999+/-0.070 χ^2/NDF:114385.3/48

All: 8.902+/-0.055 χ^2/NDF: 184926.5/91

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 15712.5/19

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.611+/-0.006 χ^2/NDF: 9081.8/23

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

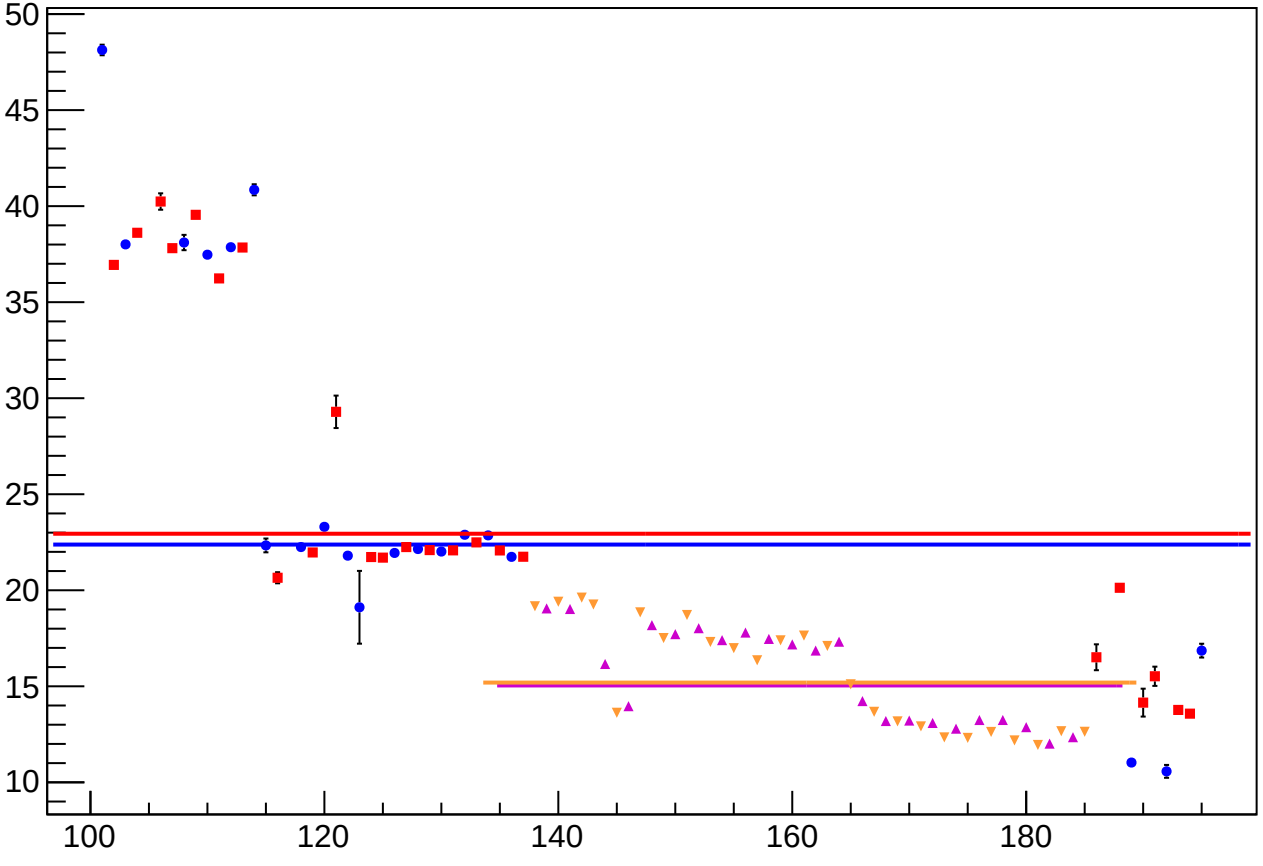
Right: 0.830+/-0.000 χ^2/NDF: 26225.1/43

In: 0.830+/-0.000 χ^2/NDF:142716.8/42

Out: 0.516+/-0.001 χ^2/NDF:24565.3/48

All: 0.830+/-0.000 χ^2/NDF: 276641.3/91

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.379+/-0.009 χ^2/NDF: 126993.9/19

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.943+/-0.009 χ^2/NDF: 170065.8/23

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

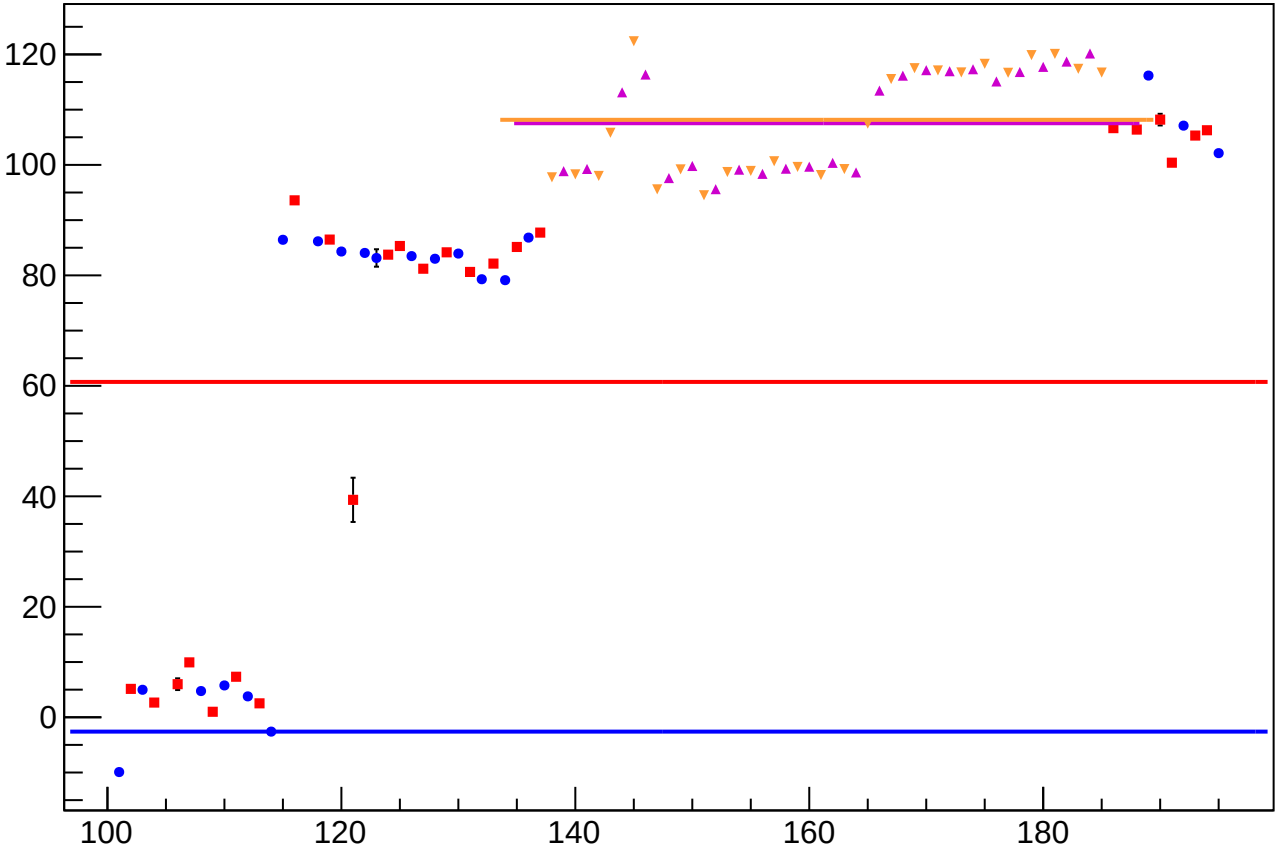
Right: 22.669+/-0.006 χ^2/NDF: 298968.8/43

In: 16.510+/-0.004 χ^2/NDF:916838.5/42

Out: 16.614+/-0.004 χ^2/NDF:1191198.2/48

All: 16.566+/-0.003 χ^2/NDF: 2108372.0/91

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7984918.5/19

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 60.712+/-0.031 χ^2/NDF: 1620339.6/23

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

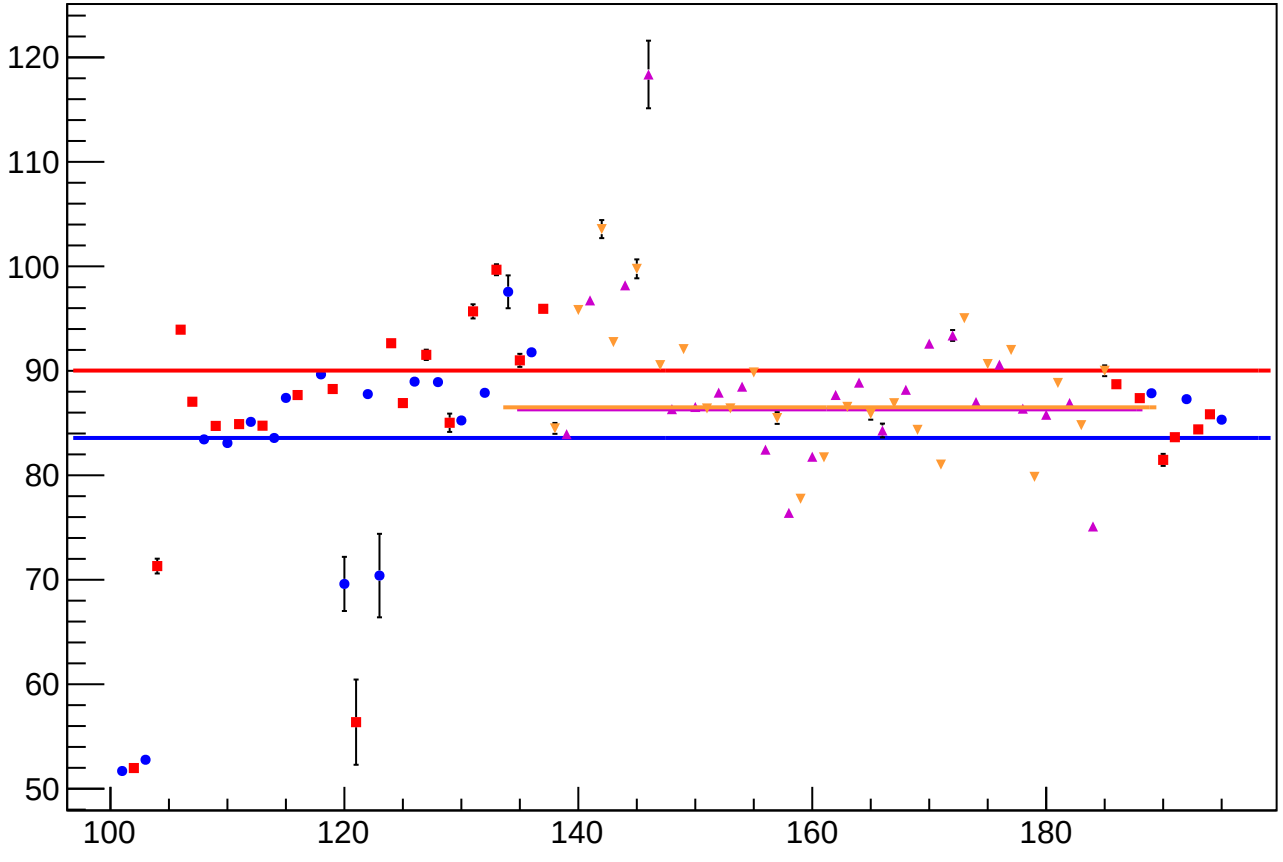
Right: -2.596+/-0.000 χ^2/NDF: 13771341.7/43

In: -2.596+/-0.000 χ^2/NDF:148540914.5/42

Out: 104.245+/-0.009 χ^2/NDF:4844404.8/48

All: -2.596+/-0.000 χ^2/NDF: 297115320.1/91

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 50546.9/19

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 90.025+/-0.021 χ^2/NDF: 76534.1/23

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

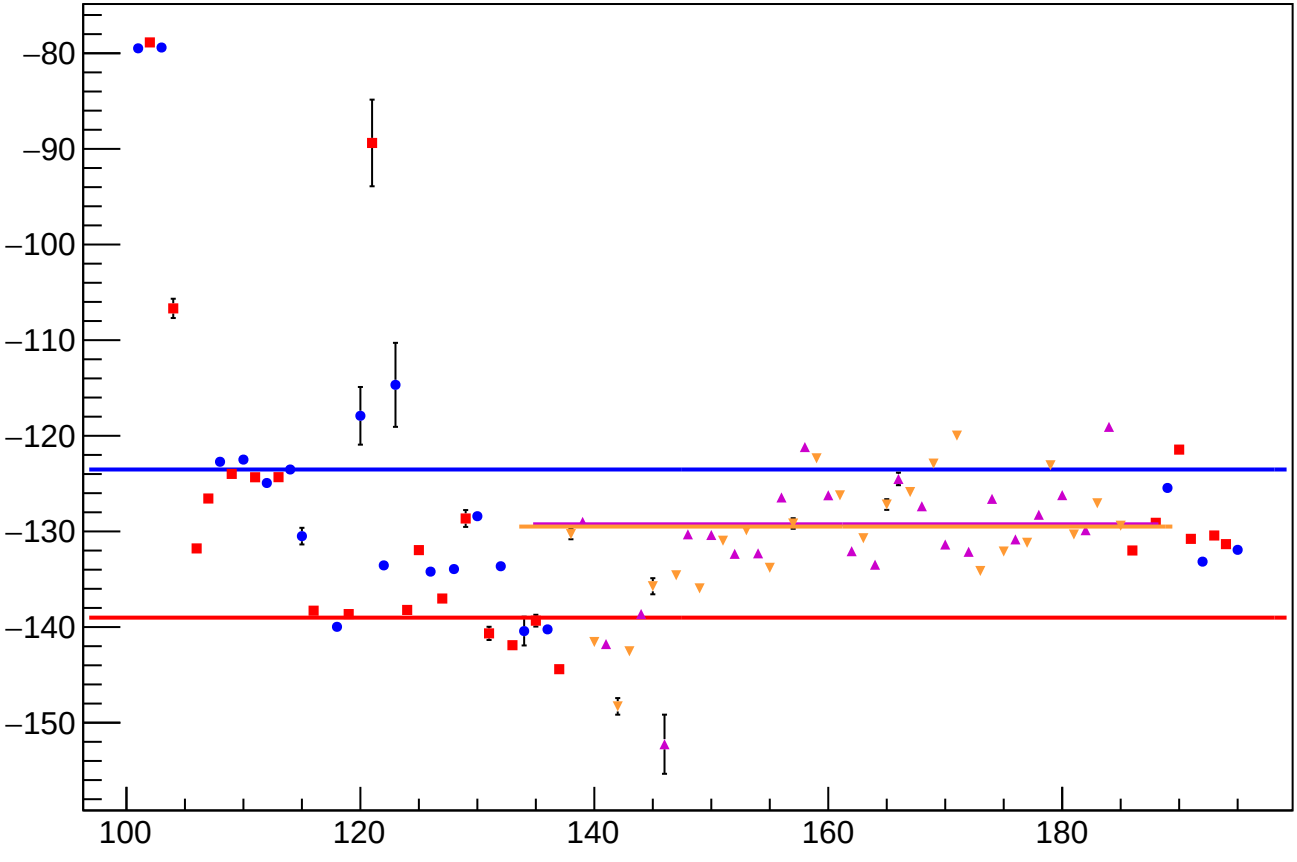
Right: 83.573+/-0.000 χ^2/NDF: 222171.9/43

In: 83.573+/-0.000 χ^2/NDF:62045.4/42

Out: 89.642+/-0.020 χ^2/NDF:88162.7/48

All: 83.573+/-0.000 χ^2/NDF: 244617.7/91

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 175910.4/19

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -139.014+/-0.017 χ^2/NDF: 288907.7/23

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

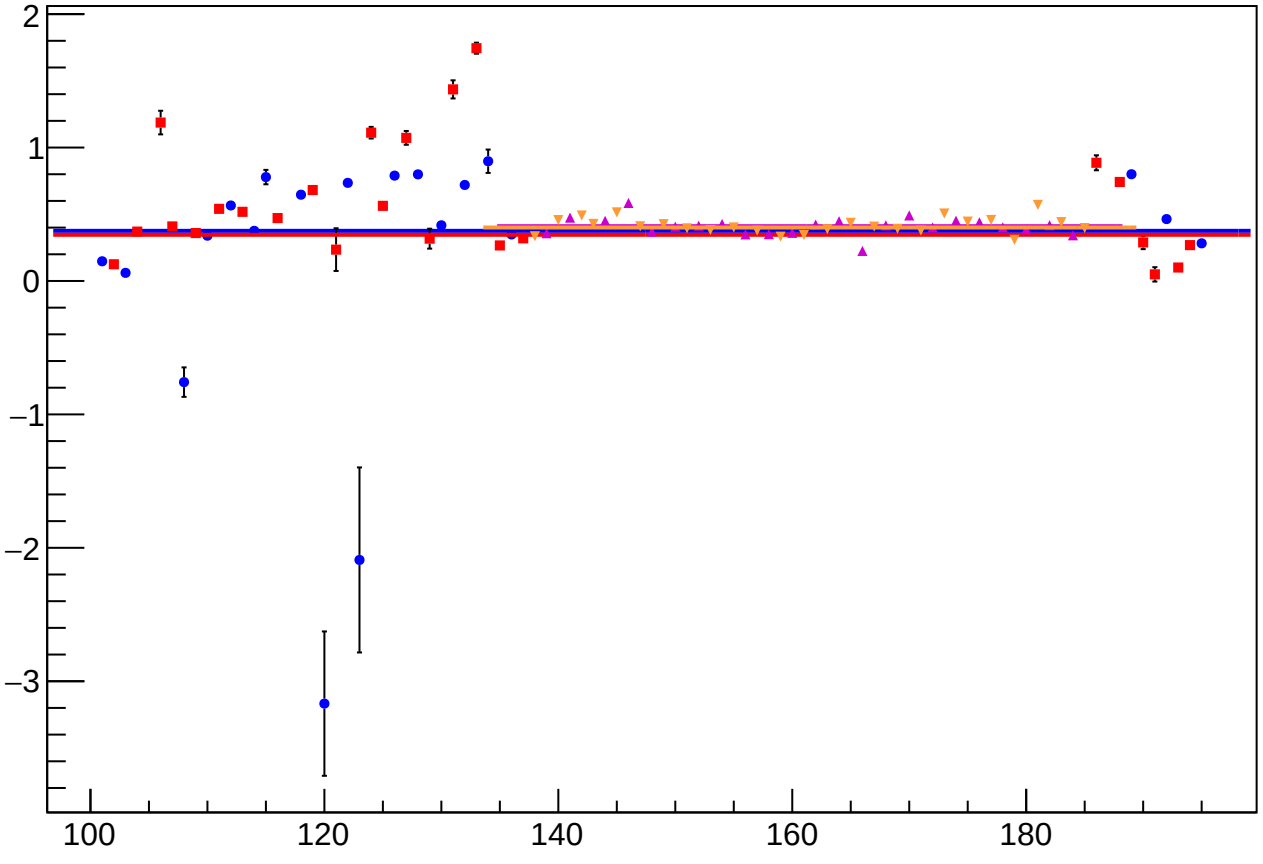
Right: -123.524+/-0.000 χ^2/NDF: 1322852.6/43

In: -123.524+/-0.000 χ^2/NDF:194831.5/42

Out: -138.311+/-0.016 χ^2/NDF:323637.9/48

All: -123.524+/-0.000 χ^2/NDF: 1362708.7/91

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 4279.3/19

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.346+/-0.001 χ^2/NDF: 6147.9/23

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

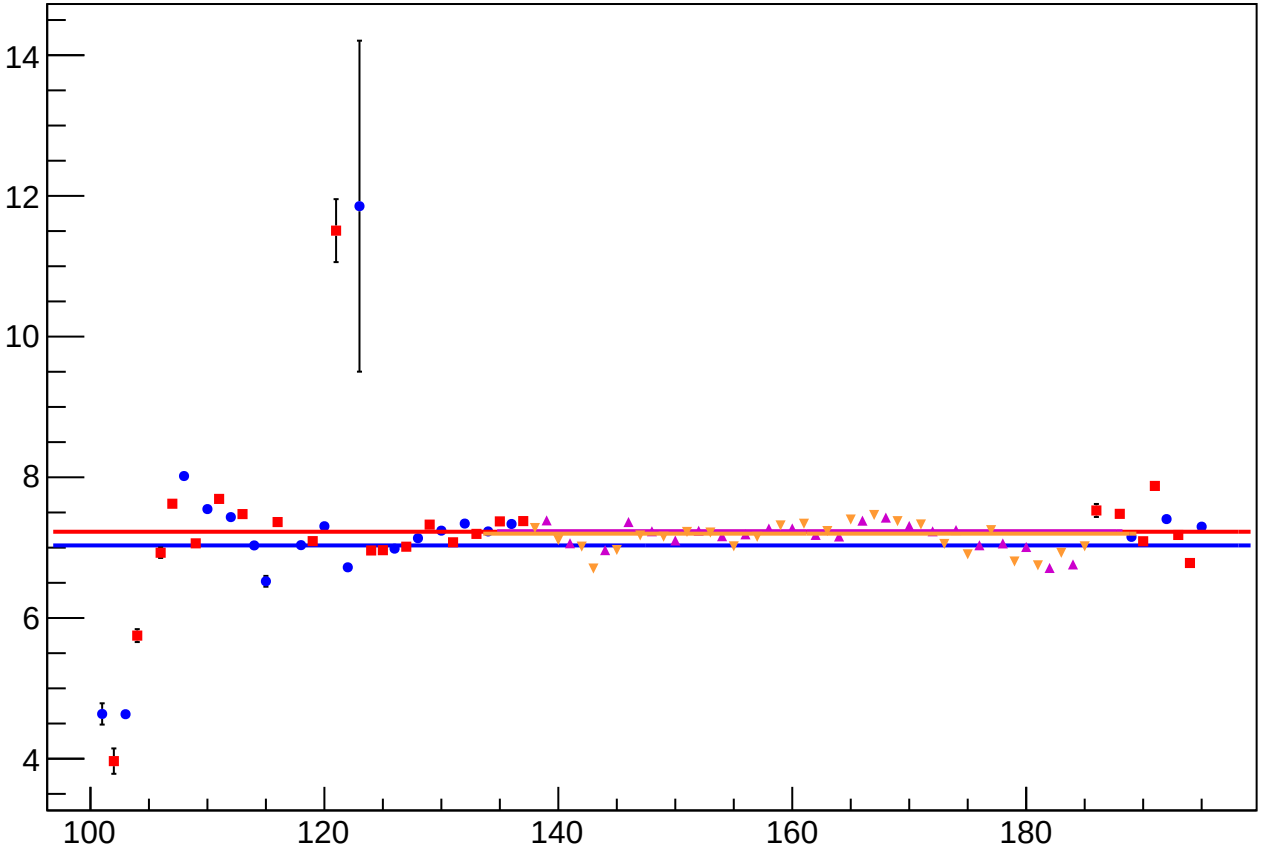
Right: 0.376+/-0.000 χ^2/NDF: 10836.4/43

In: 0.376+/-0.000 χ^2/NDF:18650.4/42

Out: 0.395+/-0.000 χ^2/NDF:16426.5/48

All: 0.376+/-0.000 χ^2/NDF: 36747.8/91

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 20375.3/19

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.226+/-0.002 χ^2/NDF: 9657.7/23

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

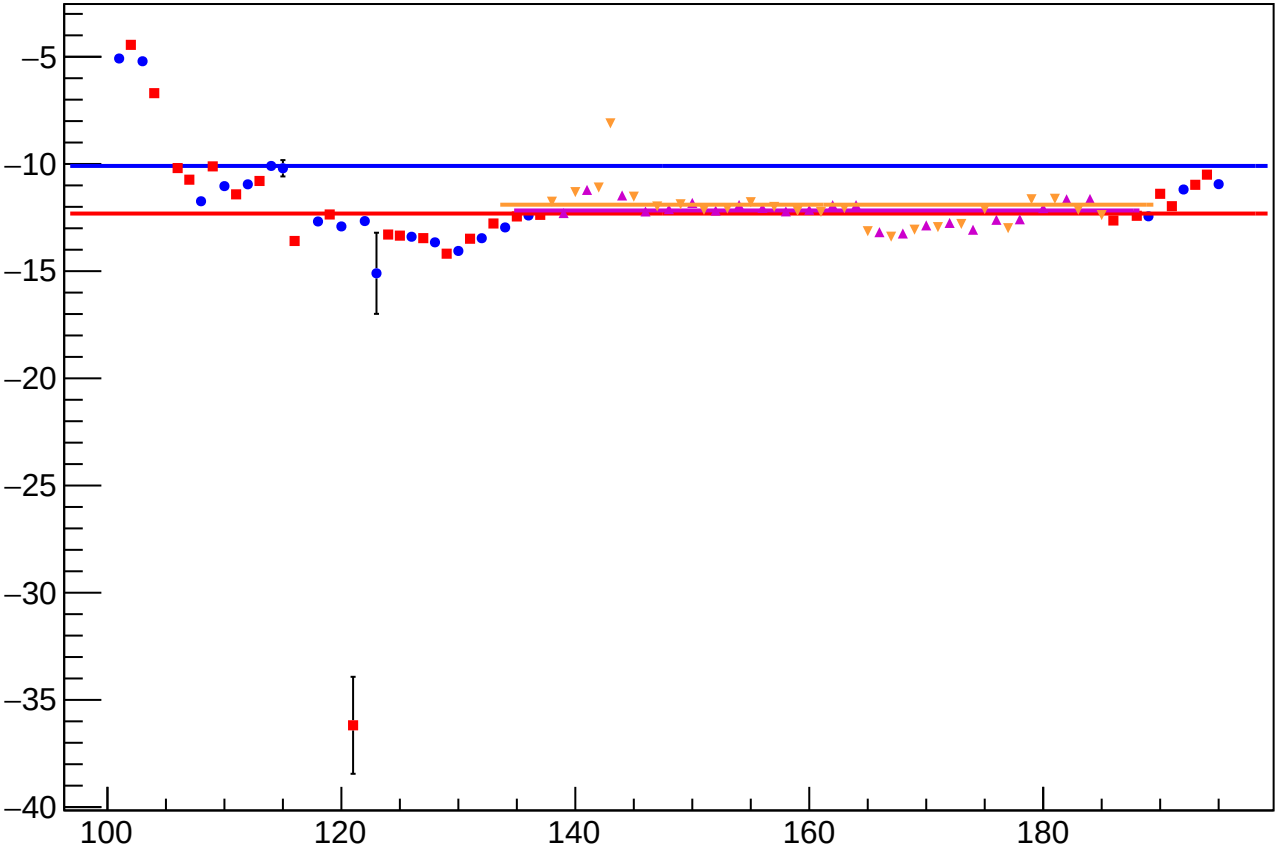
Right: 7.032+/-0.000 χ^2/NDF: 37121.1/43

In: 7.032+/-0.000 χ^2/NDF:102221.6/42

Out: 7.202+/-0.001 χ^2/NDF:47233.8/48

All: 7.032+/-0.000 χ^2/NDF: 190772.2/91

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 550890.5/19

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.313+/-0.003 χ^2/NDF: 127222.7/23

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

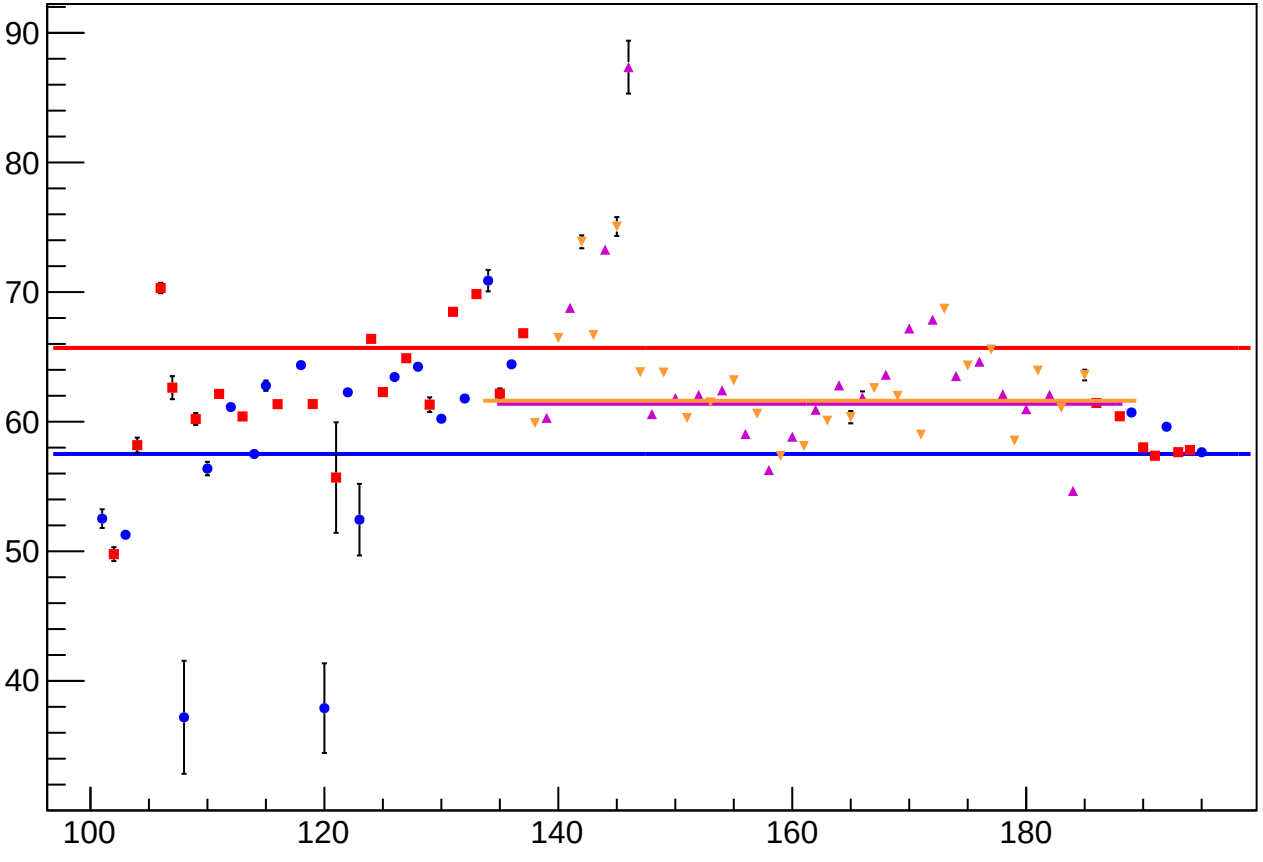
Right: -10.092+/-0.000 χ^2/NDF: 1091415.5/43

In: -10.092+/-0.000 χ^2/NDF:2083306.2/42

Out: -11.979+/-0.002 χ^2/NDF:637635.6/48

All: -10.092+/-0.000 χ^2/NDF: 4265794.8/91

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 9262.9/19

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.690+/-0.012 χ^2/NDF: 54695.1/23

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

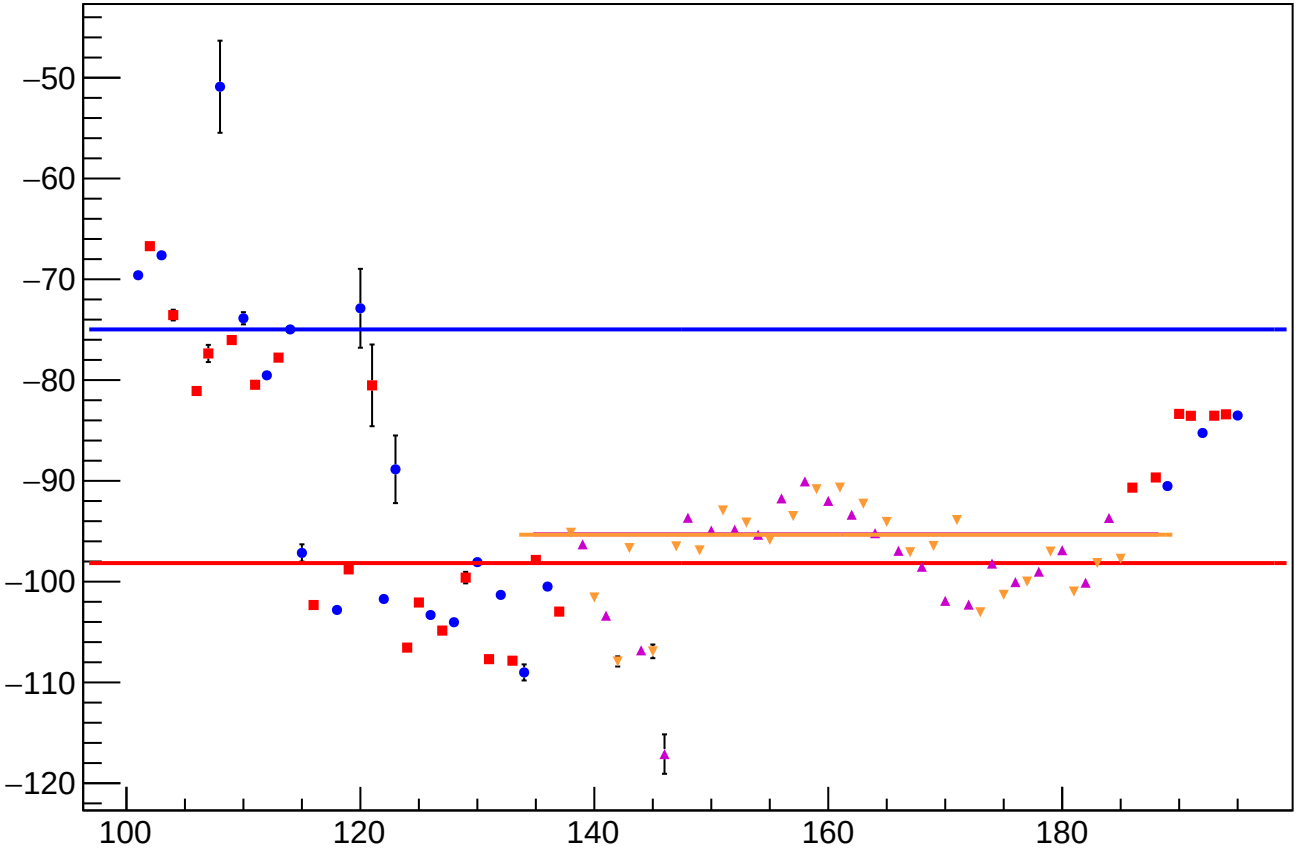
Right: 57.510+/-0.000 χ^2/NDF: 506602.2/43

In: 57.510+/-0.000 χ^2/NDF:32315.5/42

Out: 65.320+/-0.012 χ^2/NDF:72435.4/48

All: 57.510+/-0.000 χ^2/NDF: 548552.7/91

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 173693.2/19

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -98.157+/-0.015 χ^2/NDF: 290853.4/23

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

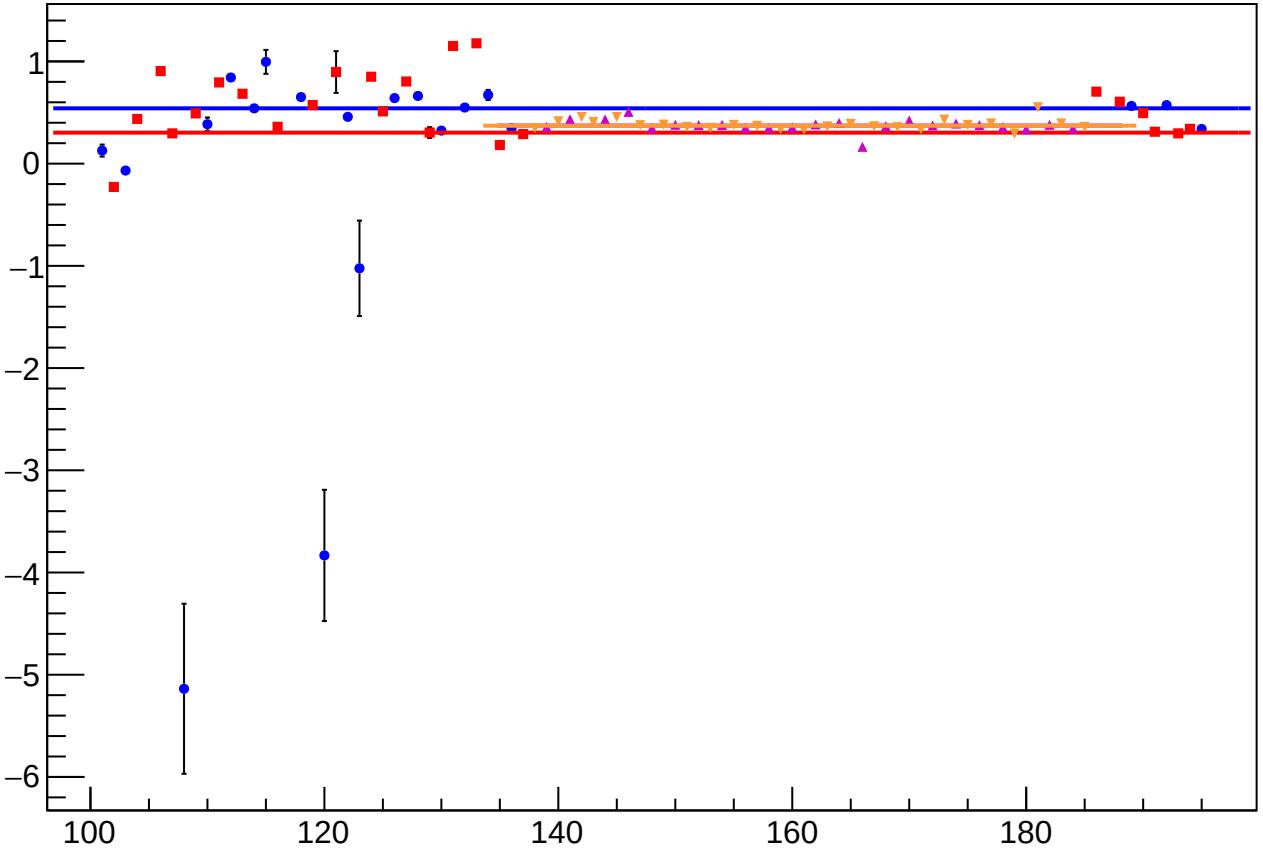
Right: -74.974+/-0.000 χ^2/NDF: 2703572.5/43

In: -74.974+/-0.000 χ^2/NDF:559916.8/42

Out: -97.769+/-0.014 χ^2/NDF:304800.1/48

All: -74.974+/-0.000 χ^2/NDF: 3376144.8/91

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 30198.7/19

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.303+/-0.001 χ^2/NDF: 10865.6/23

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

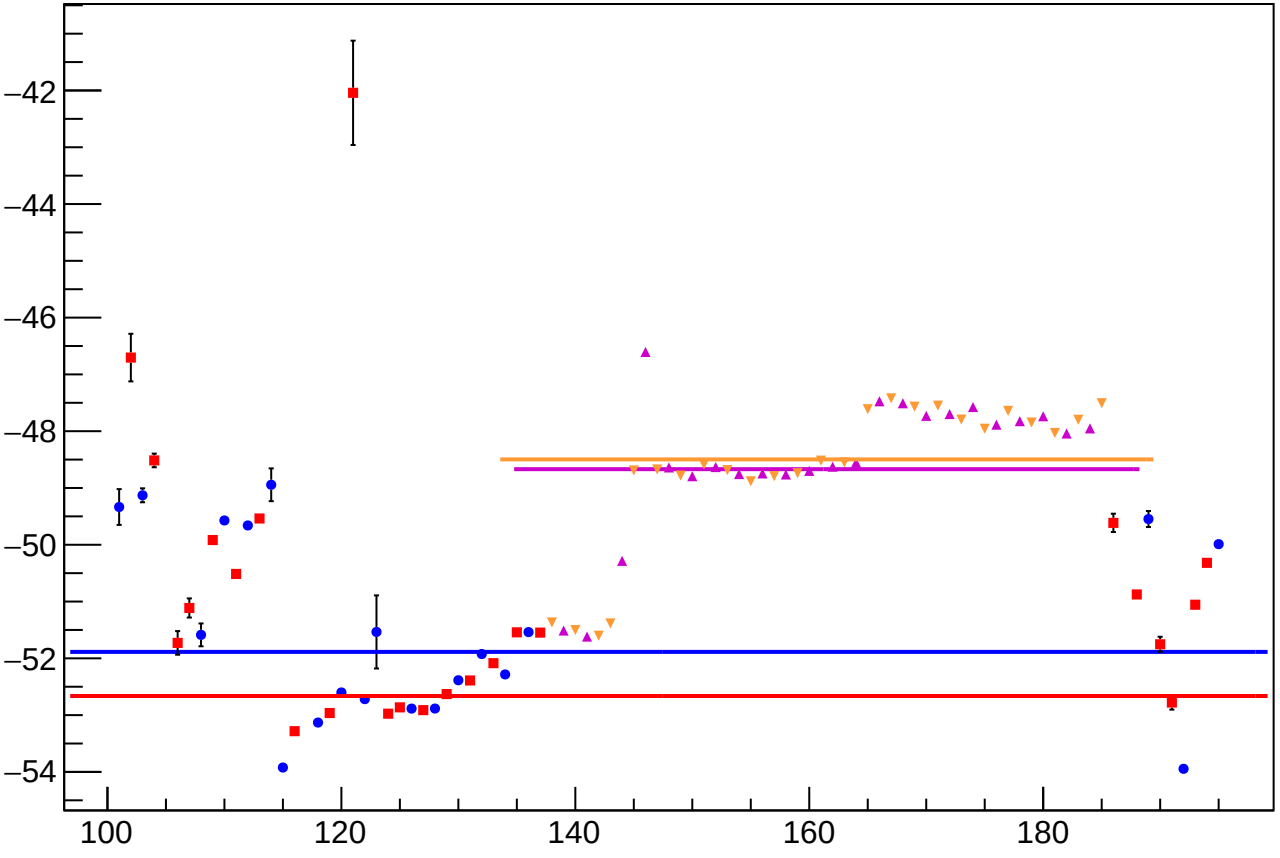
Right: 0.541+/-0.000 χ^2/NDF: 129513.2/43

In: 0.541+/-0.000 χ^2/NDF:335335.2/42

Out: 0.359+/-0.000 χ^2/NDF:23619.7/48

All: 0.541+/-0.000 χ^2/NDF: 652760.9/91

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.887+/-0.002 χ^2/NDF: 79227.3/19

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.663+/-0.003 χ^2/NDF: 62687.9/23

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

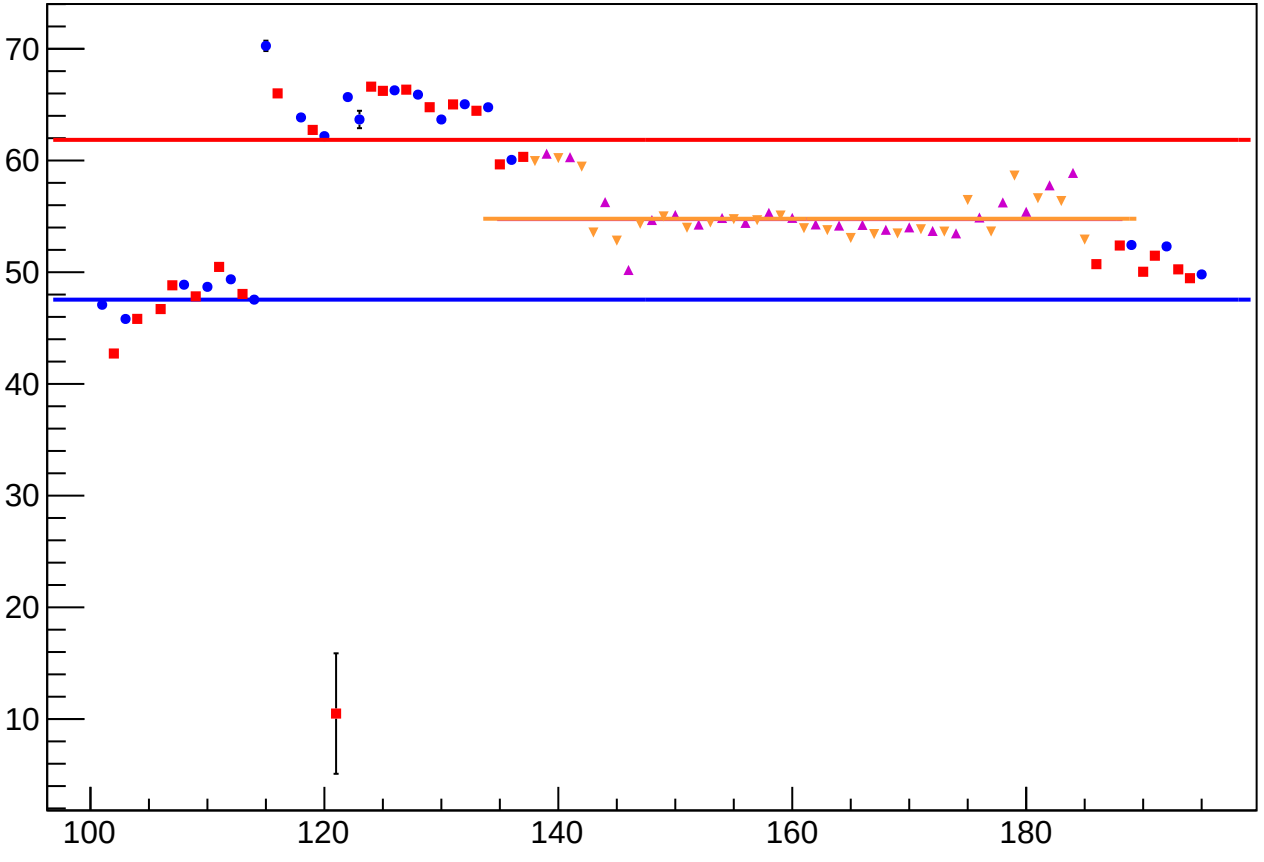
Right: -52.223+/-0.002 χ^2/NDF: 194653.6/43

In: -49.152+/-0.001 χ^2/NDF:2664355.0/42

Out: -49.118+/-0.001 χ^2/NDF:3040296.9/48

All: -49.137+/-0.001 χ^2/NDF: 5705357.9/91

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3608418.4/19

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 61.849+/-0.007 χ^2/NDF: 623892.3/23

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

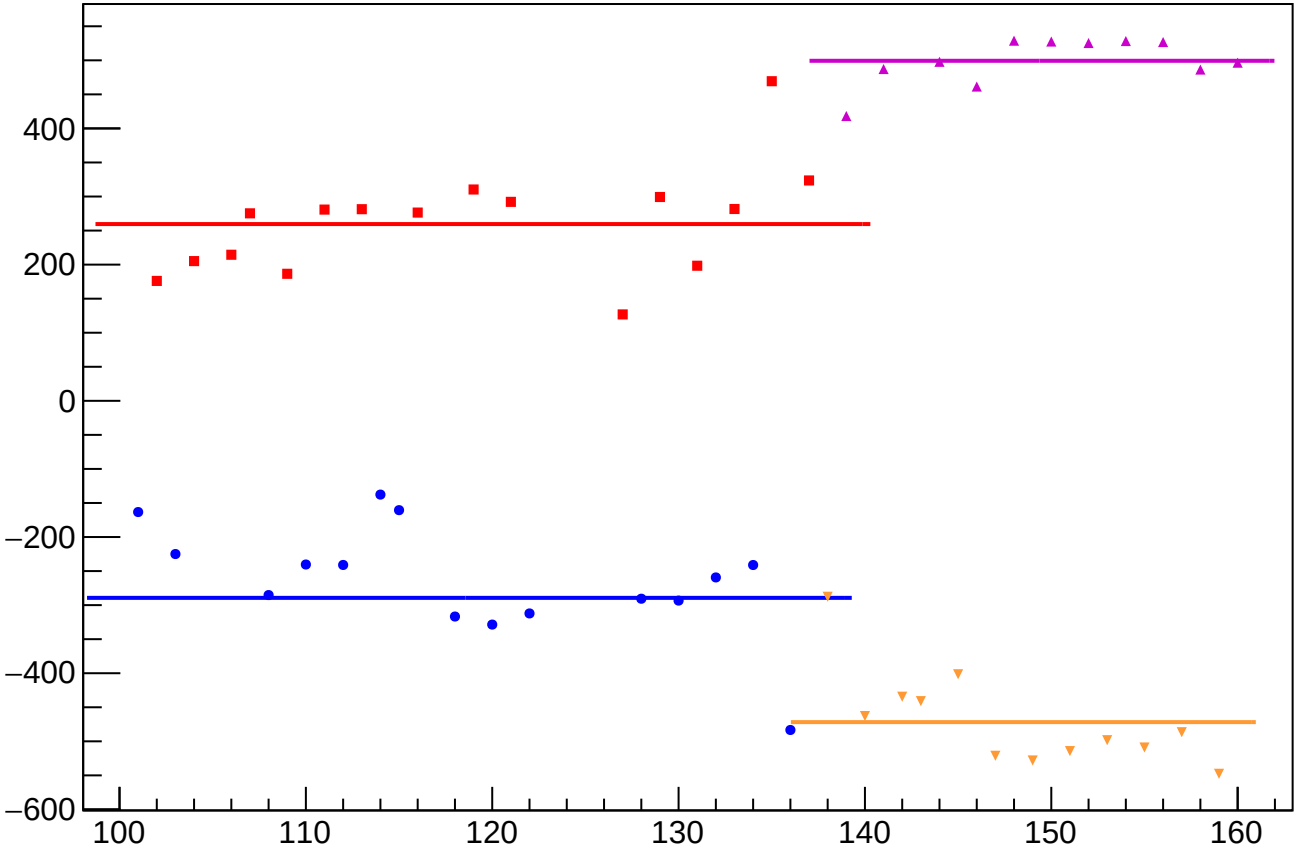
Right: 47.545+/-0.000 χ^2/NDF: 8287455.1/43

In: 47.545+/-0.000 χ^2/NDF:11363977.9/42

Out: 55.823+/-0.003 χ^2/NDF:1768592.8/48

All: 47.545+/-0.000 χ^2/NDF: 22391865.4/91

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

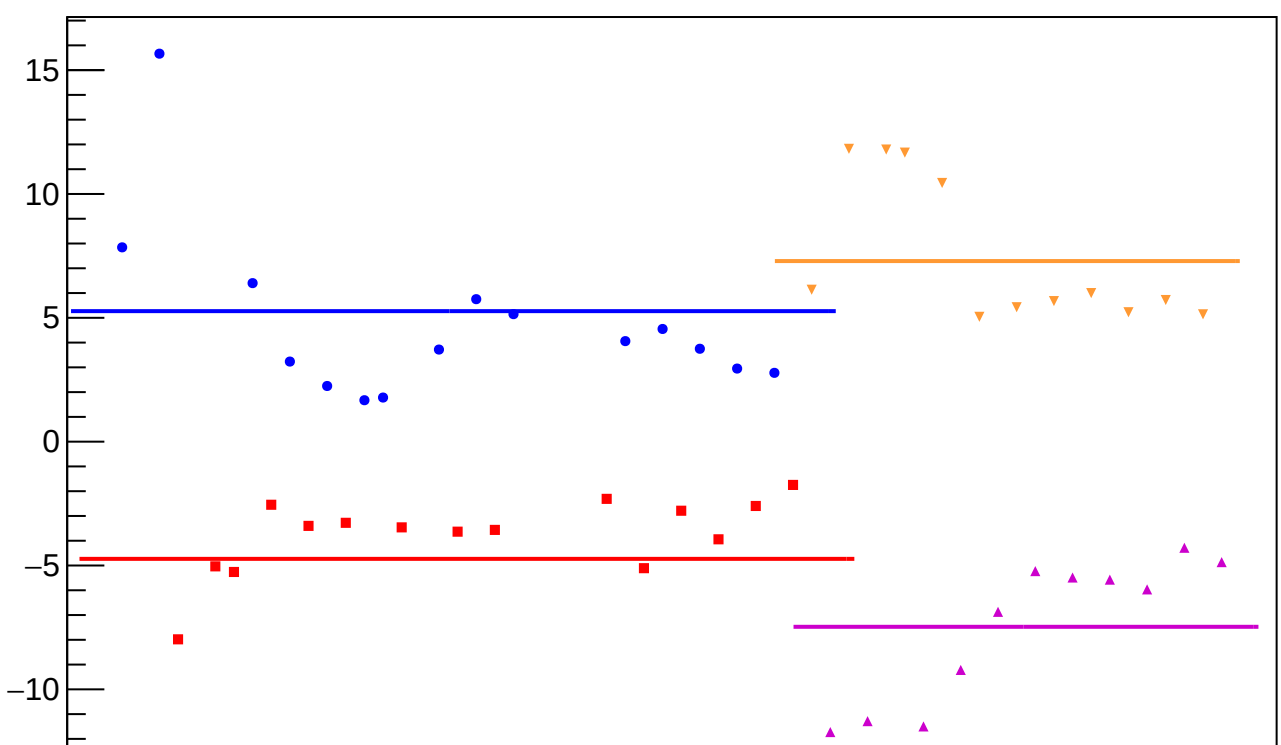
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

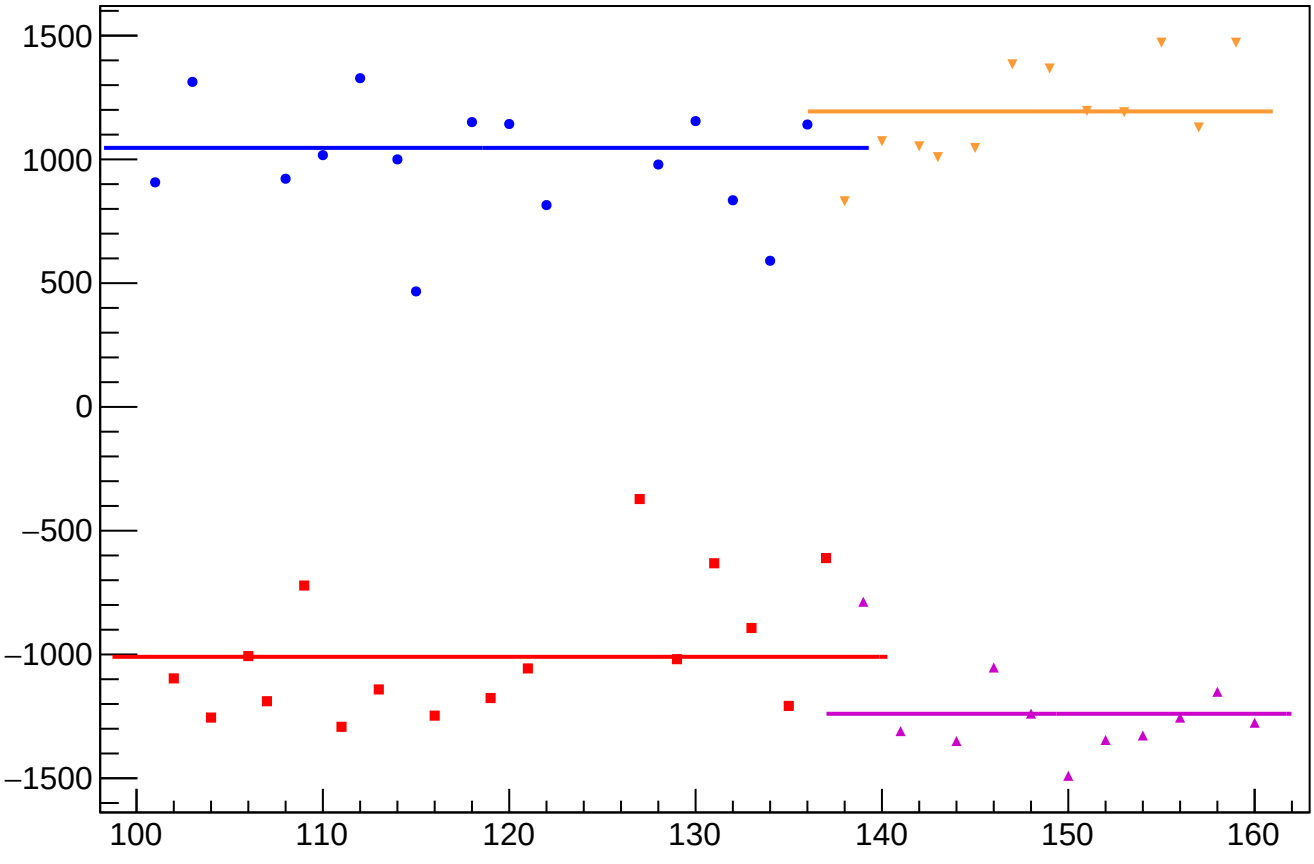
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

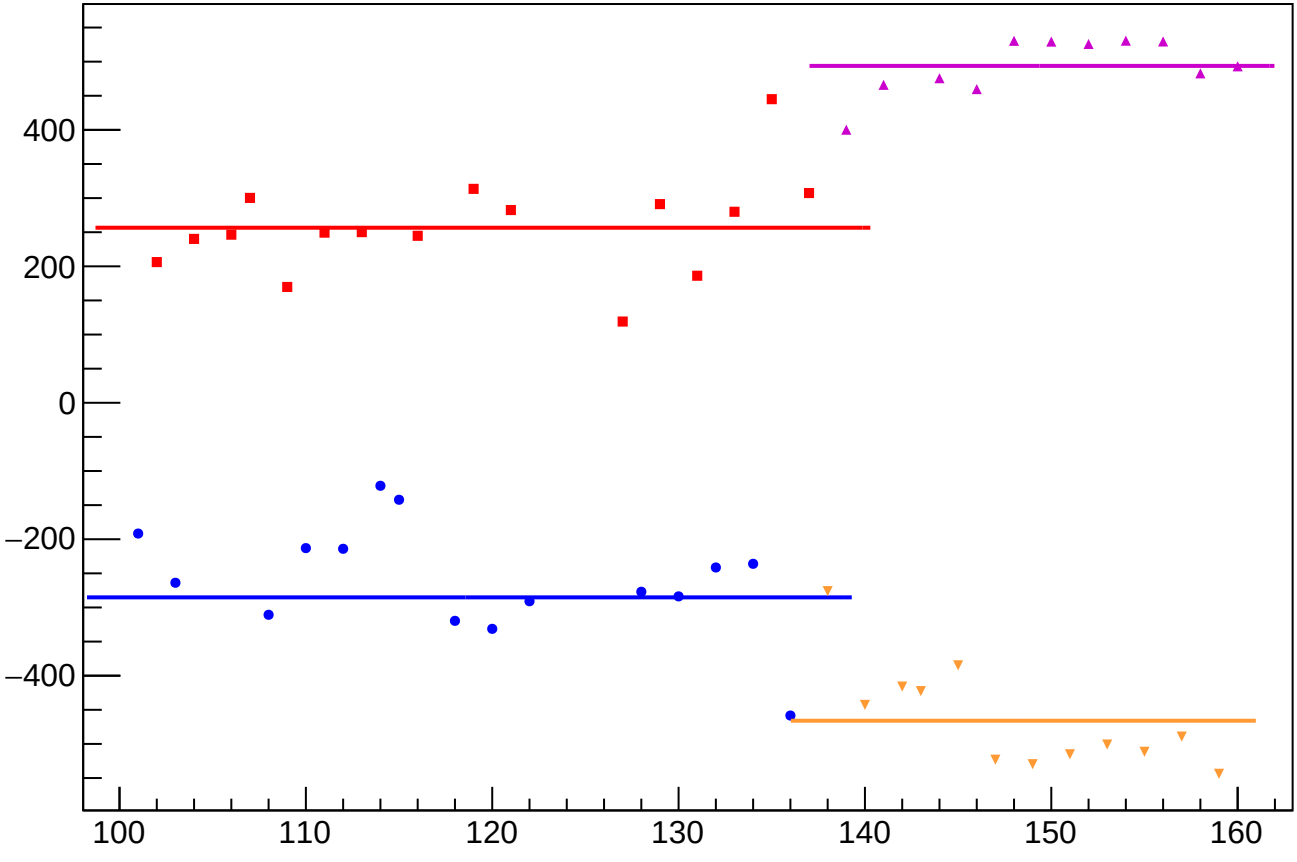
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



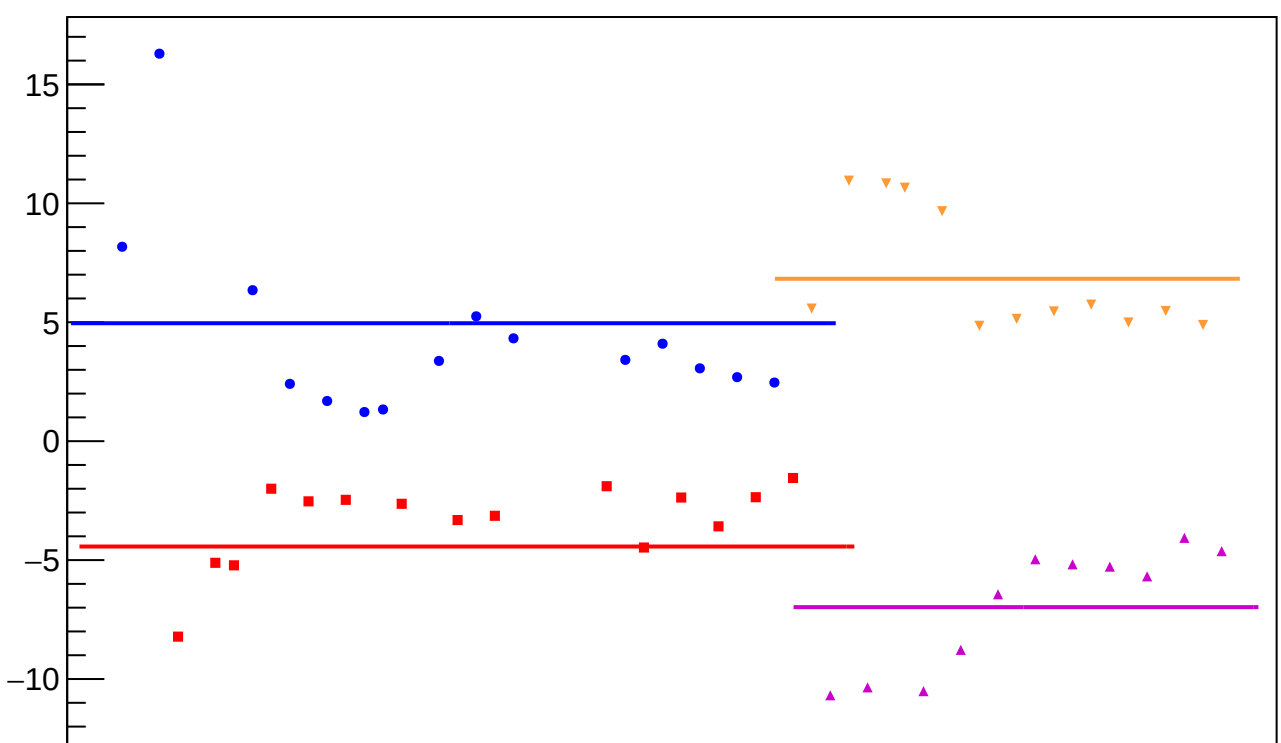
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

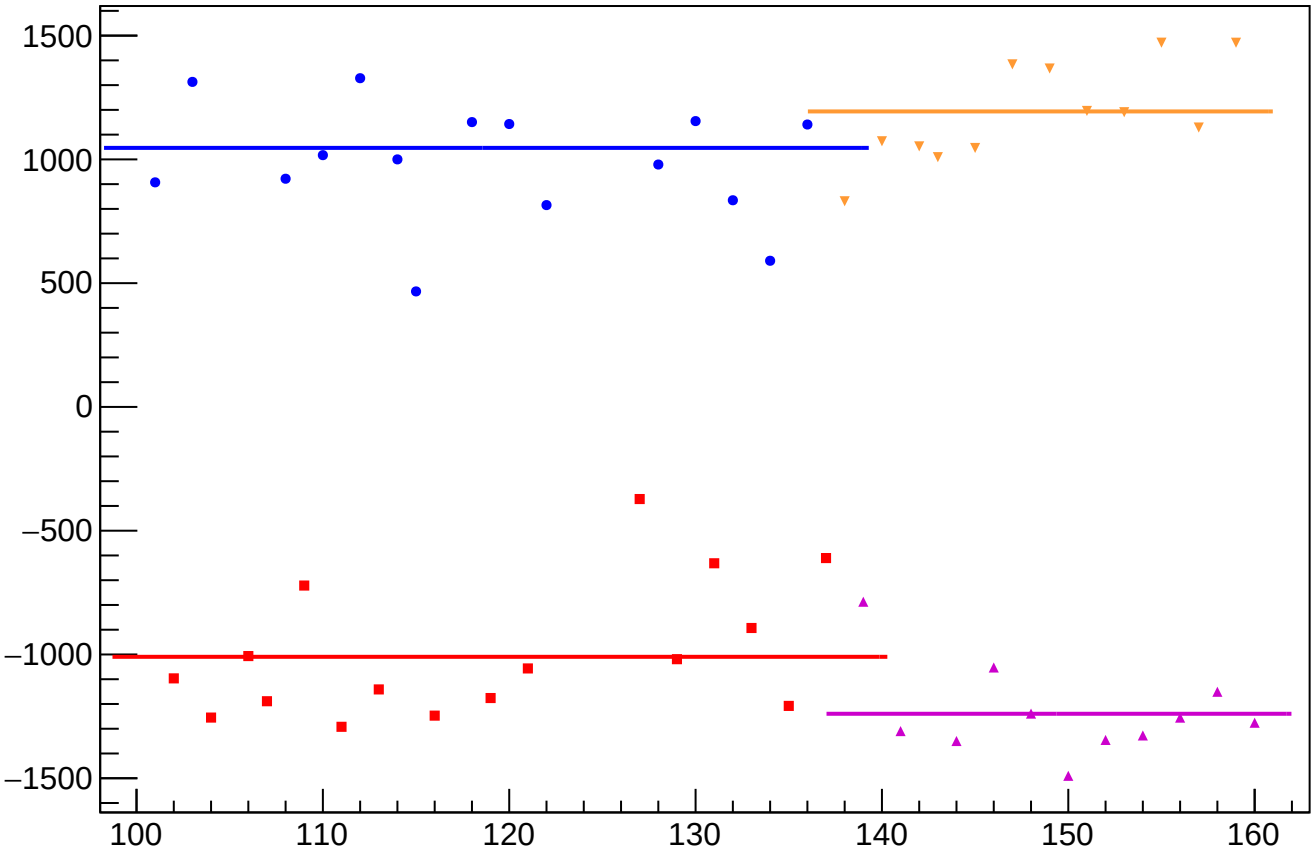
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

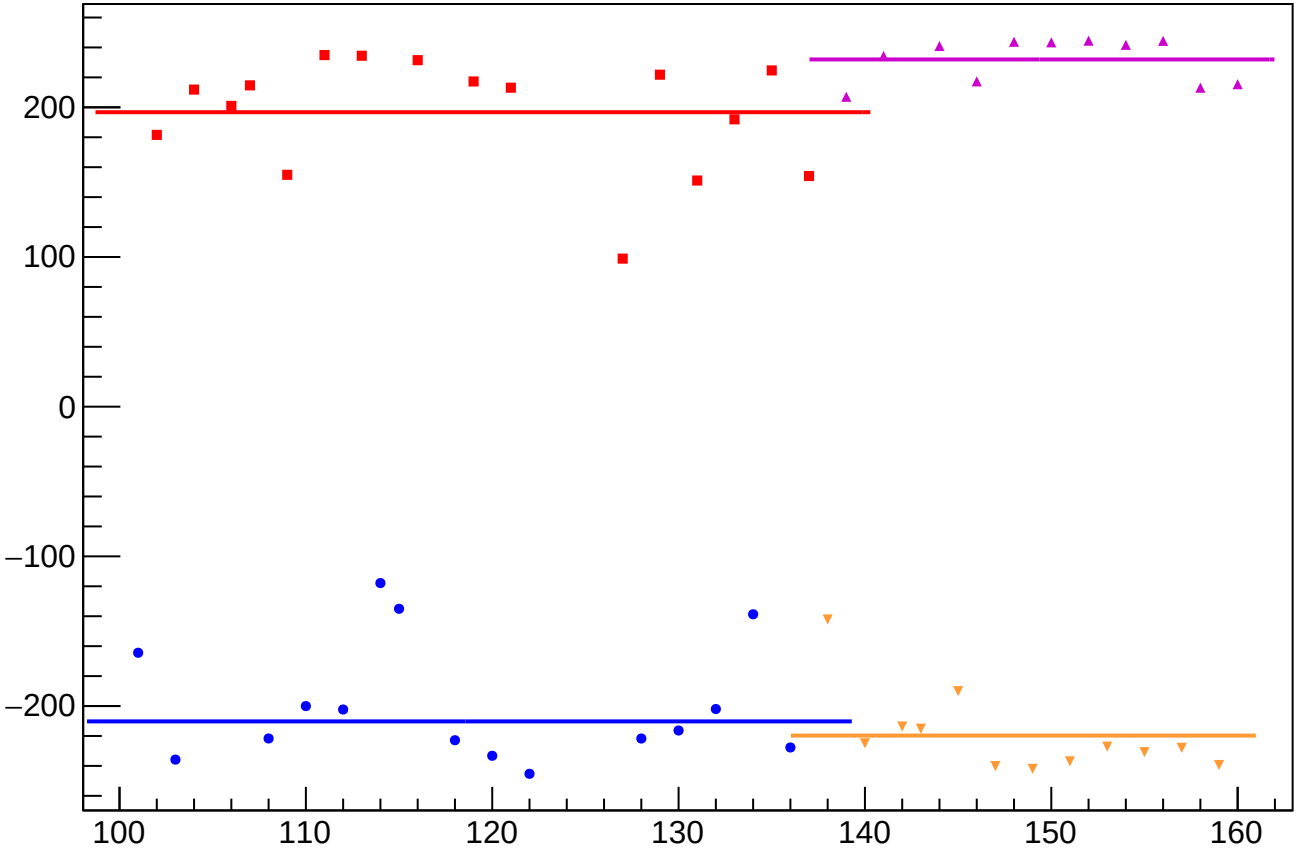
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

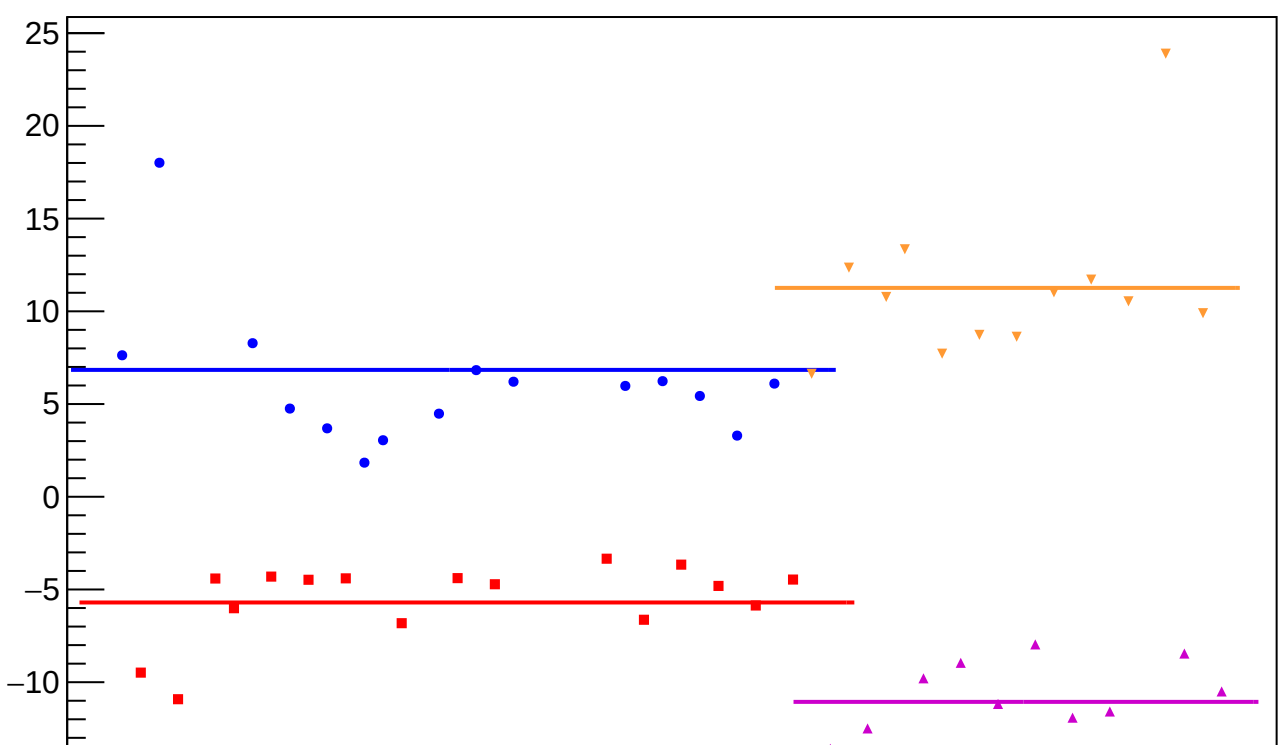
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

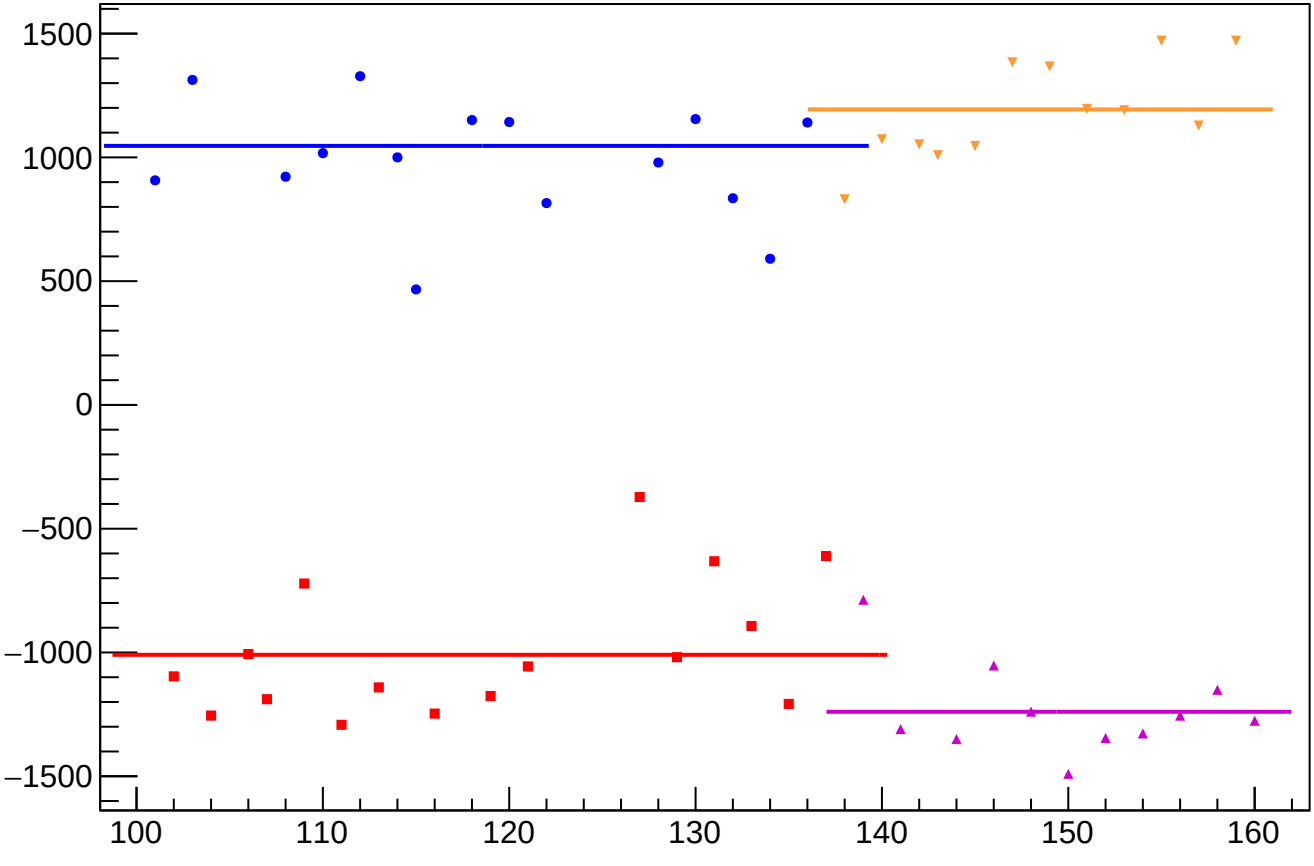
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

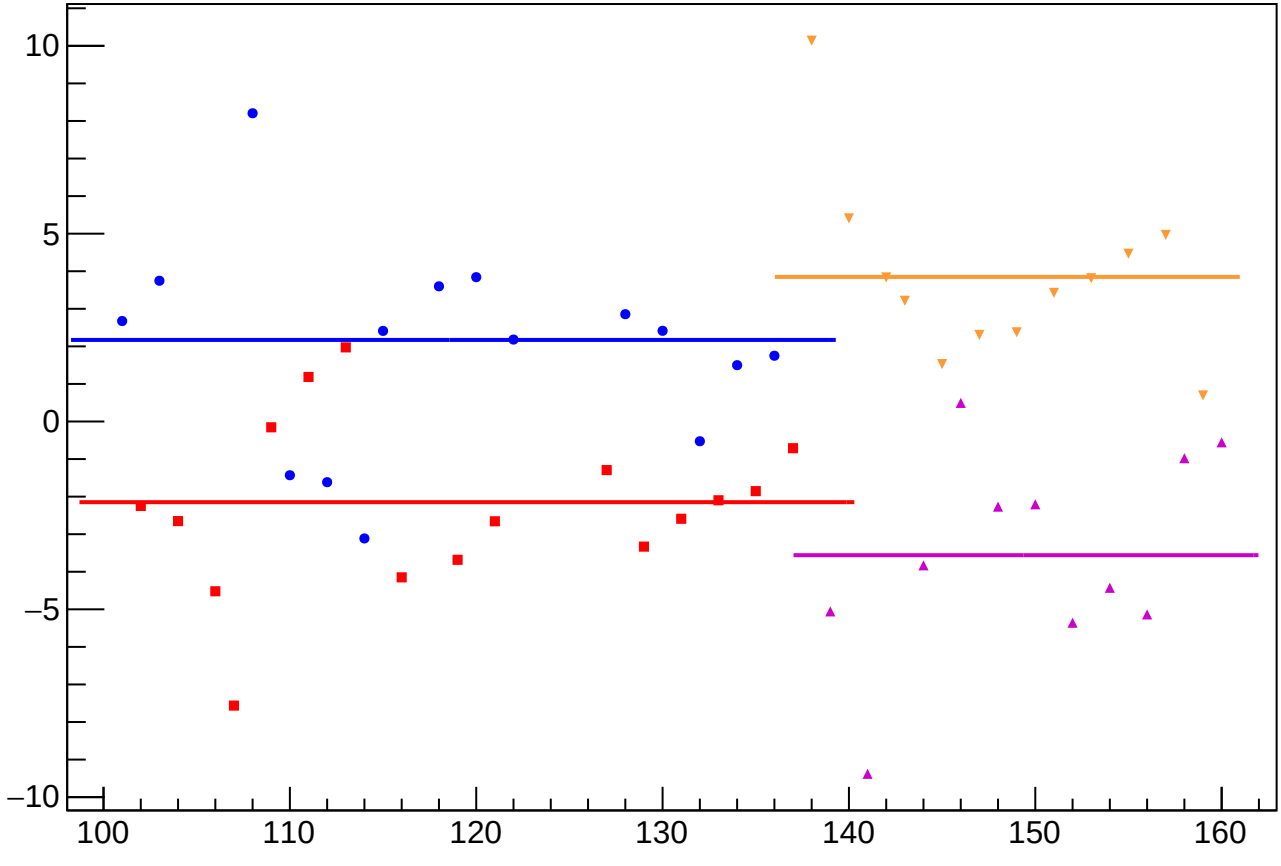
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

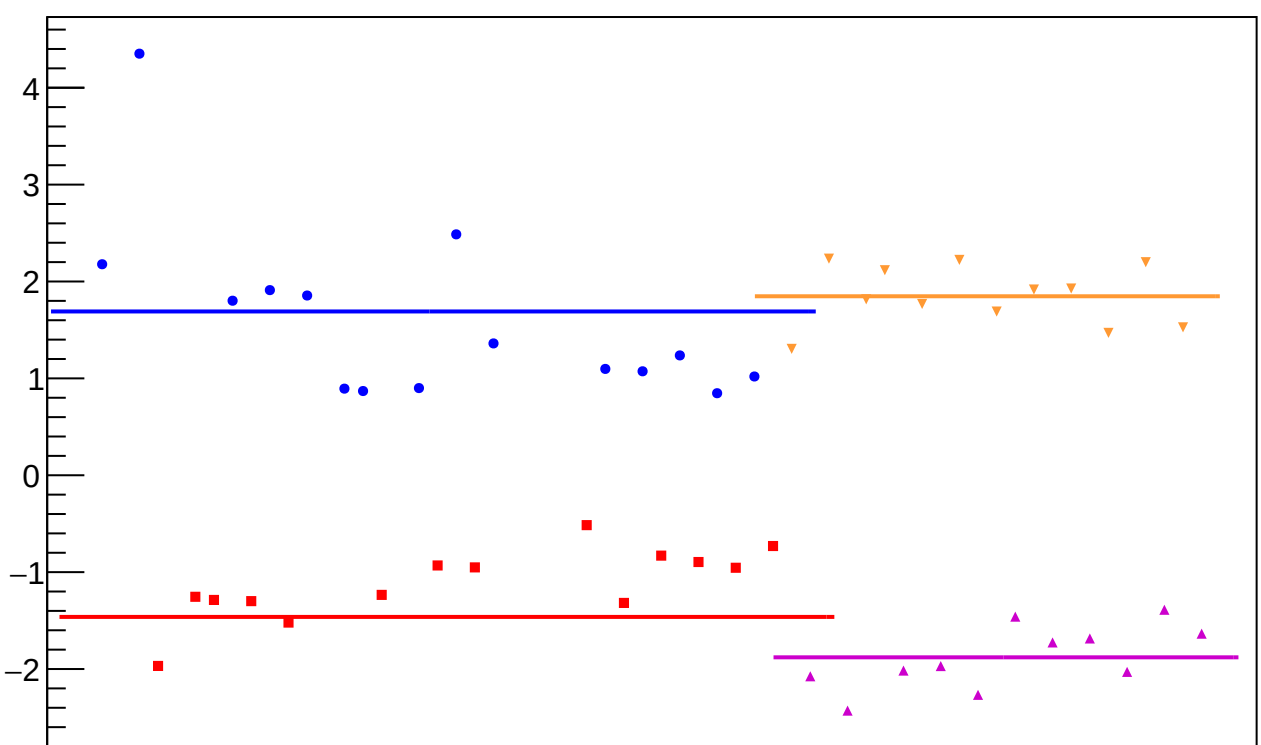
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

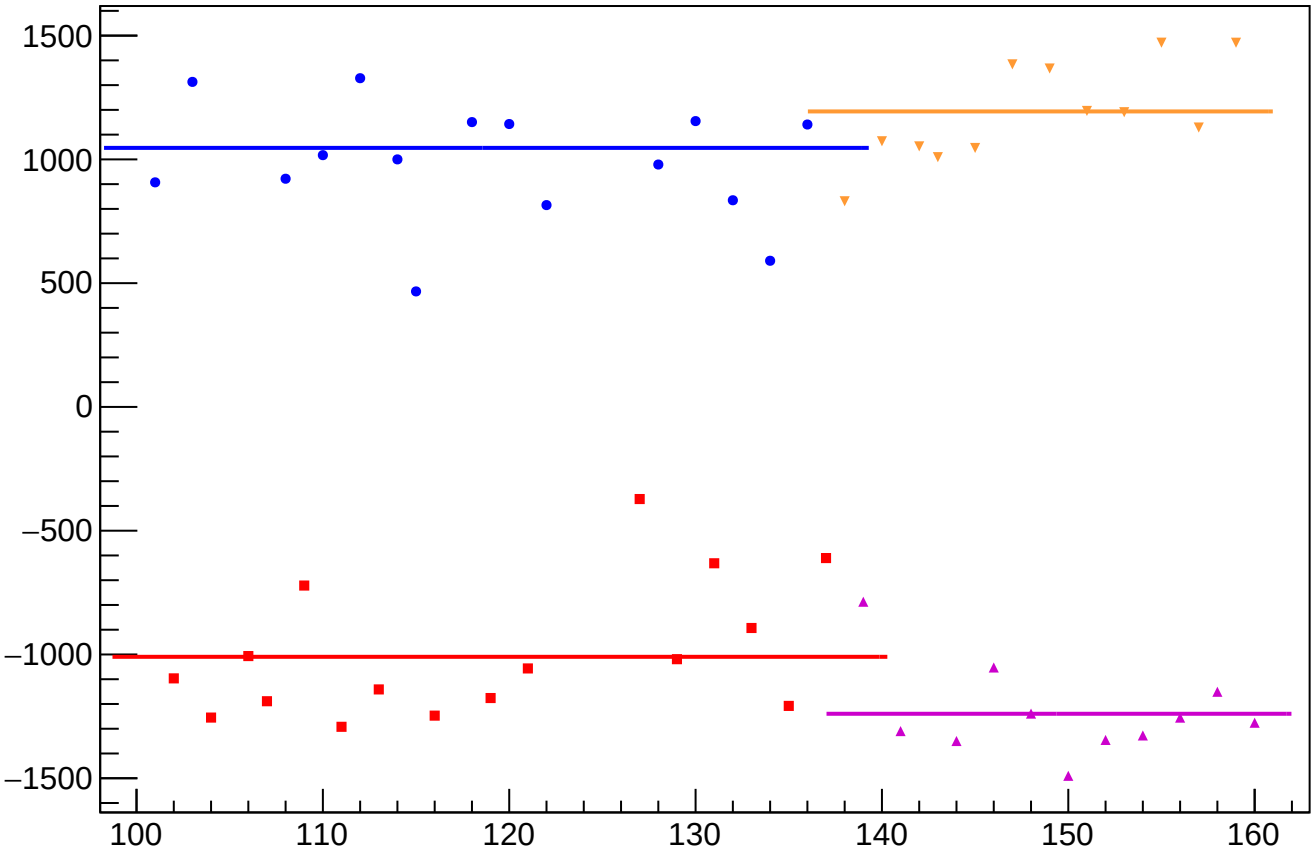
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

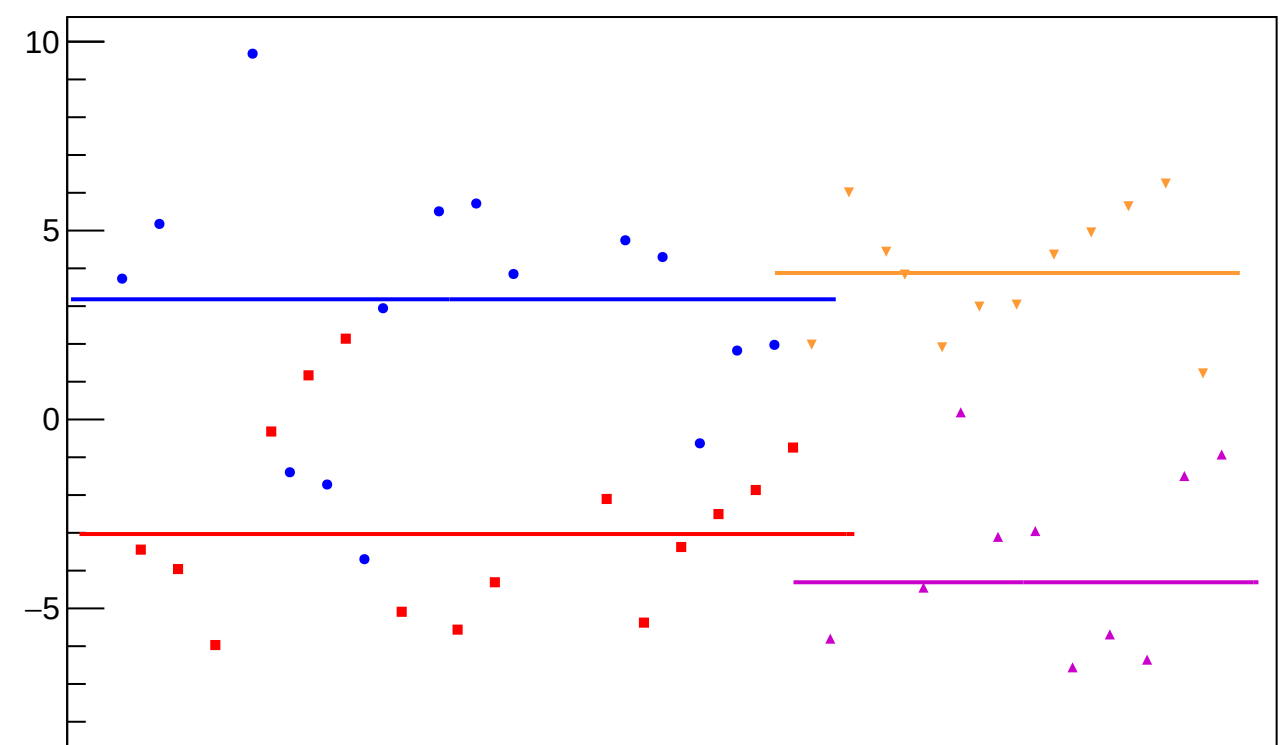
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

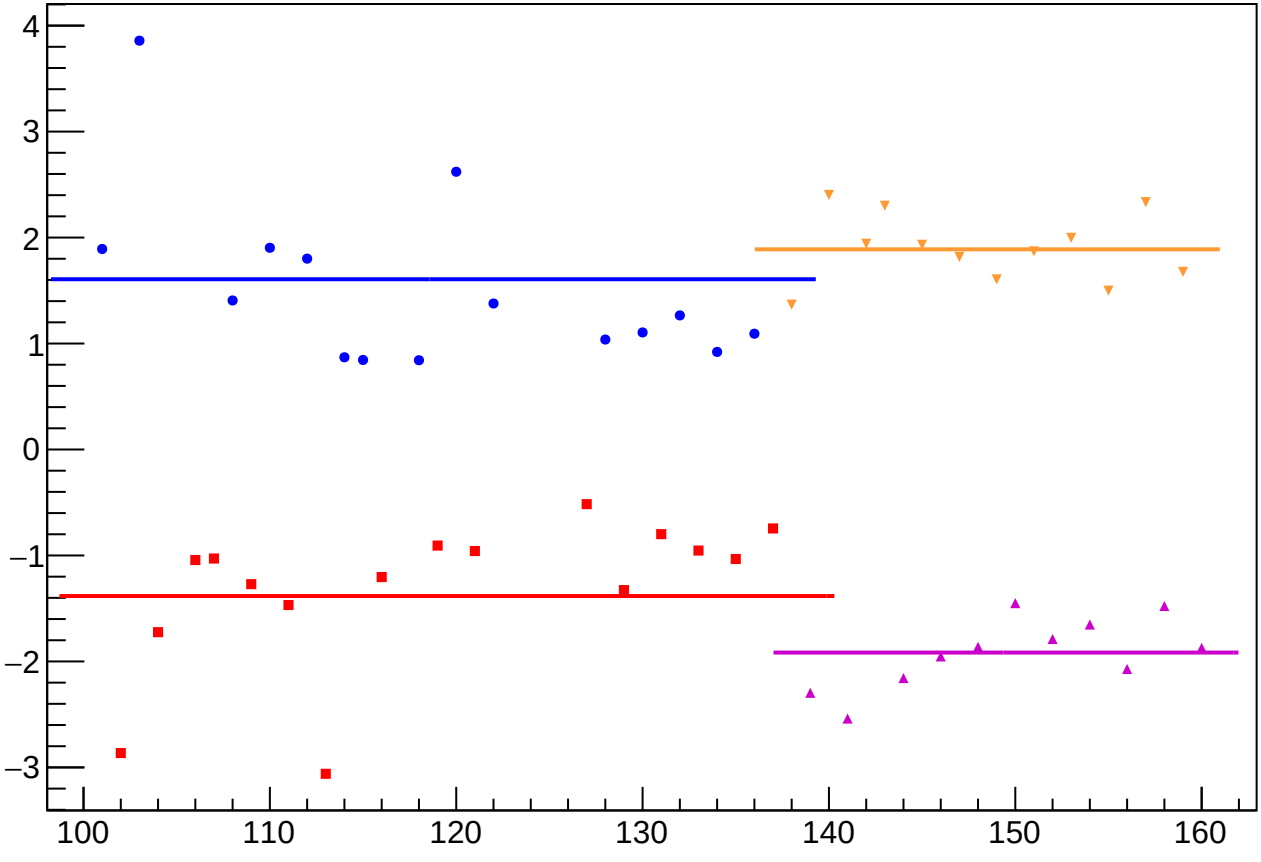
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

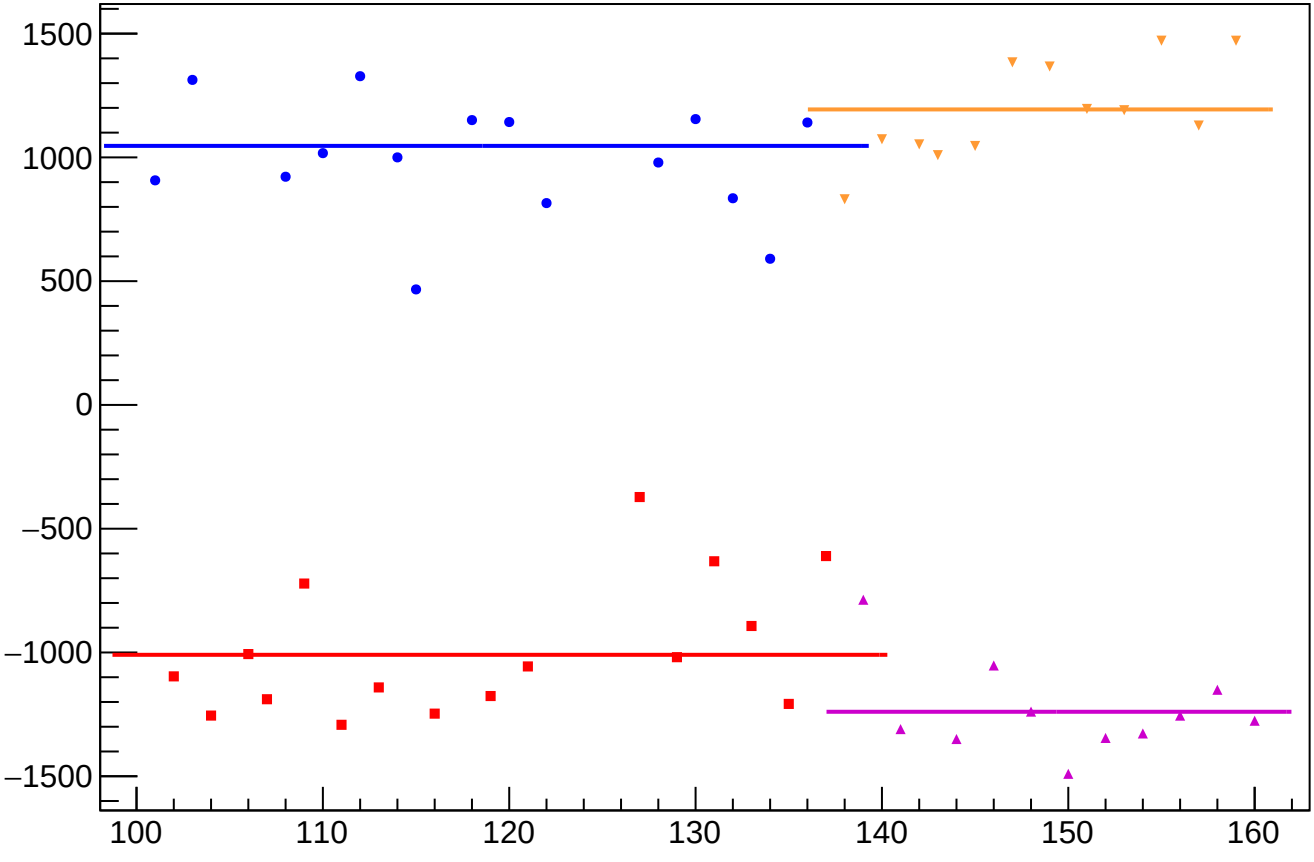
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

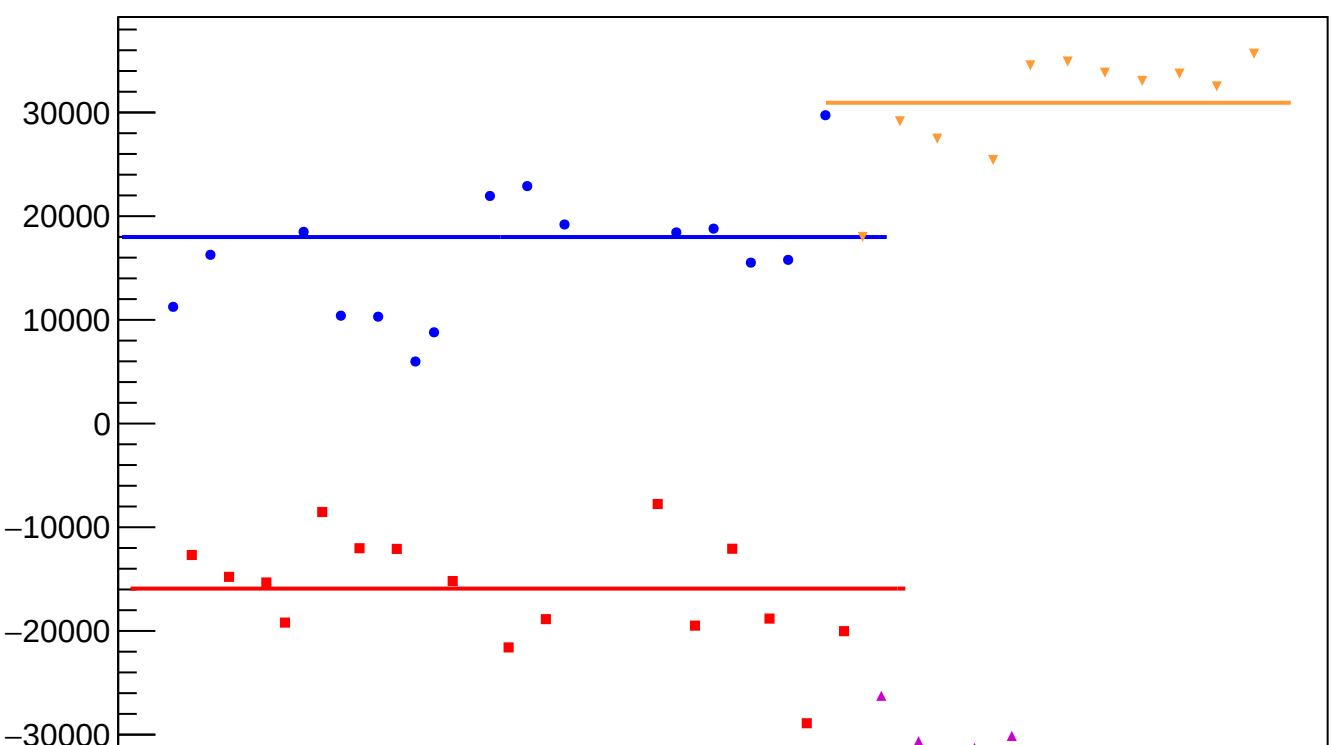
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



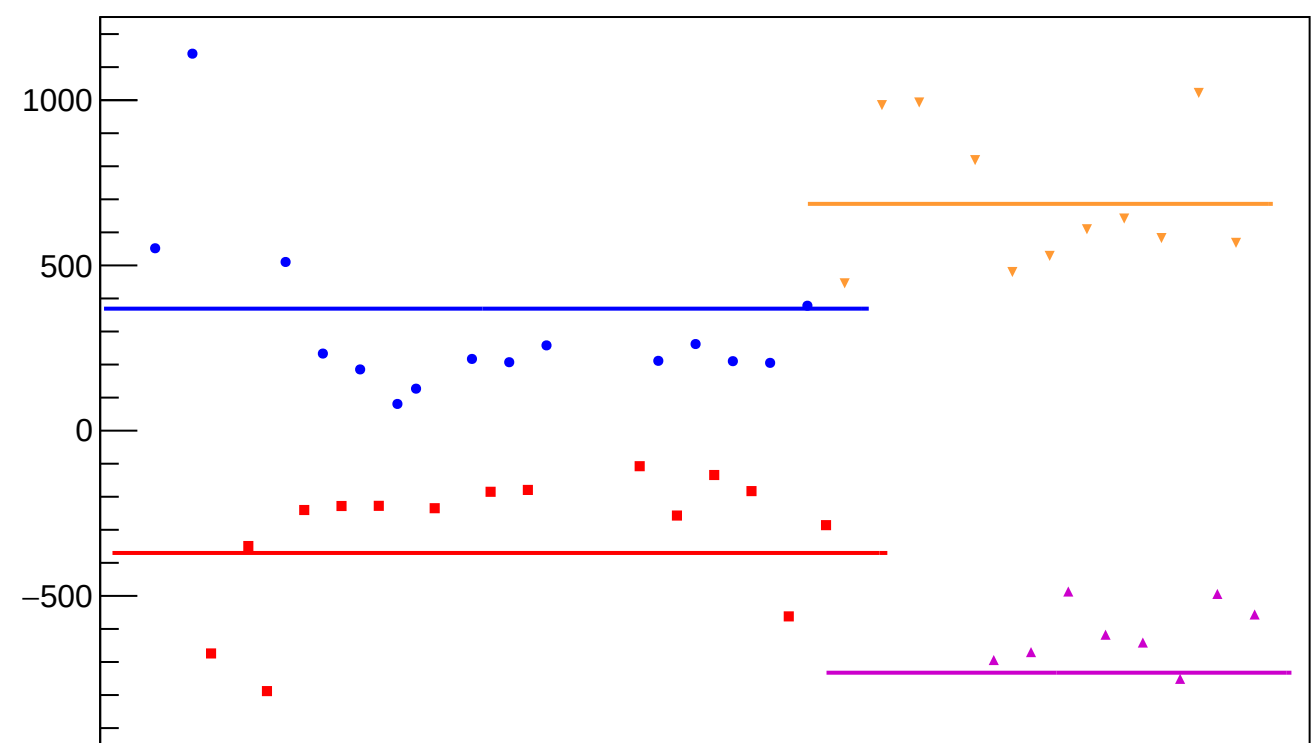
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



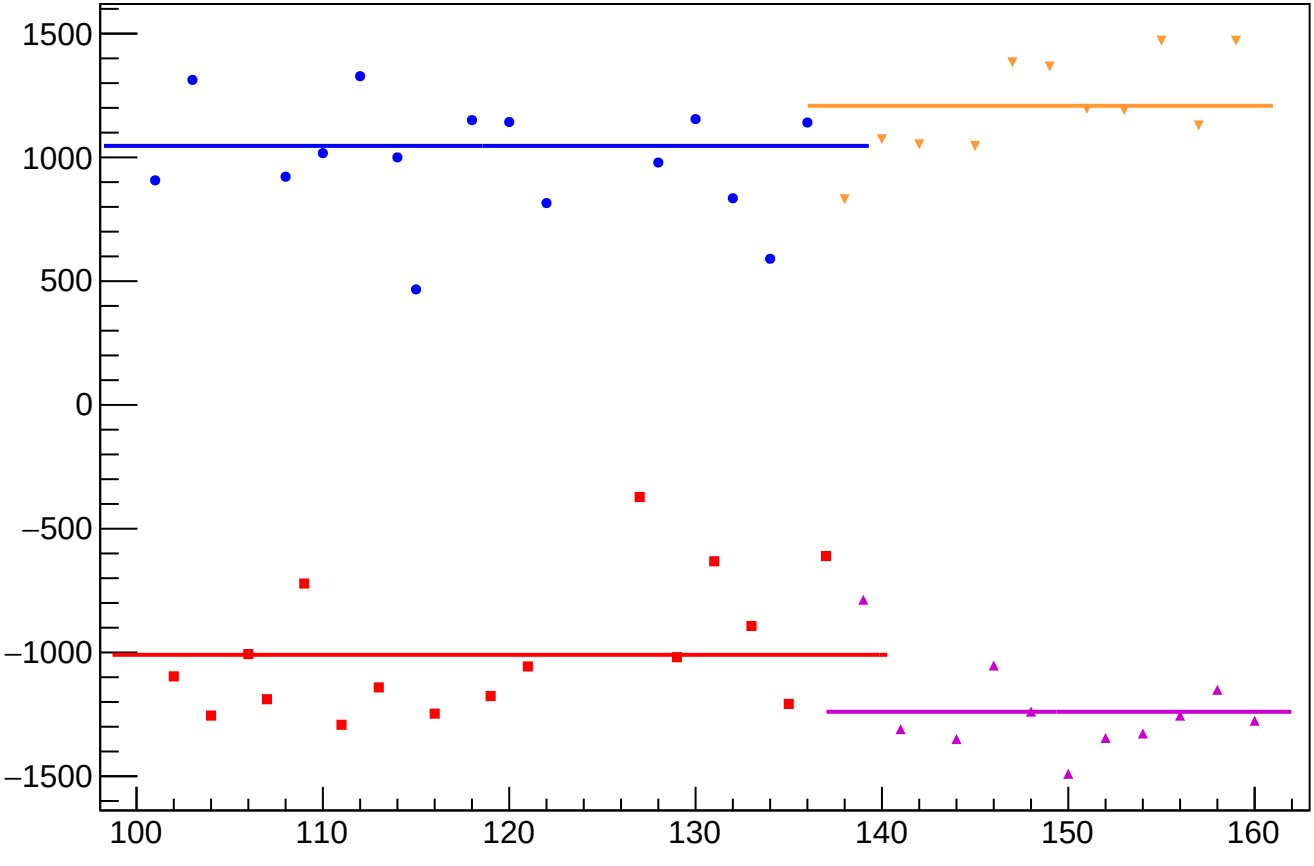
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

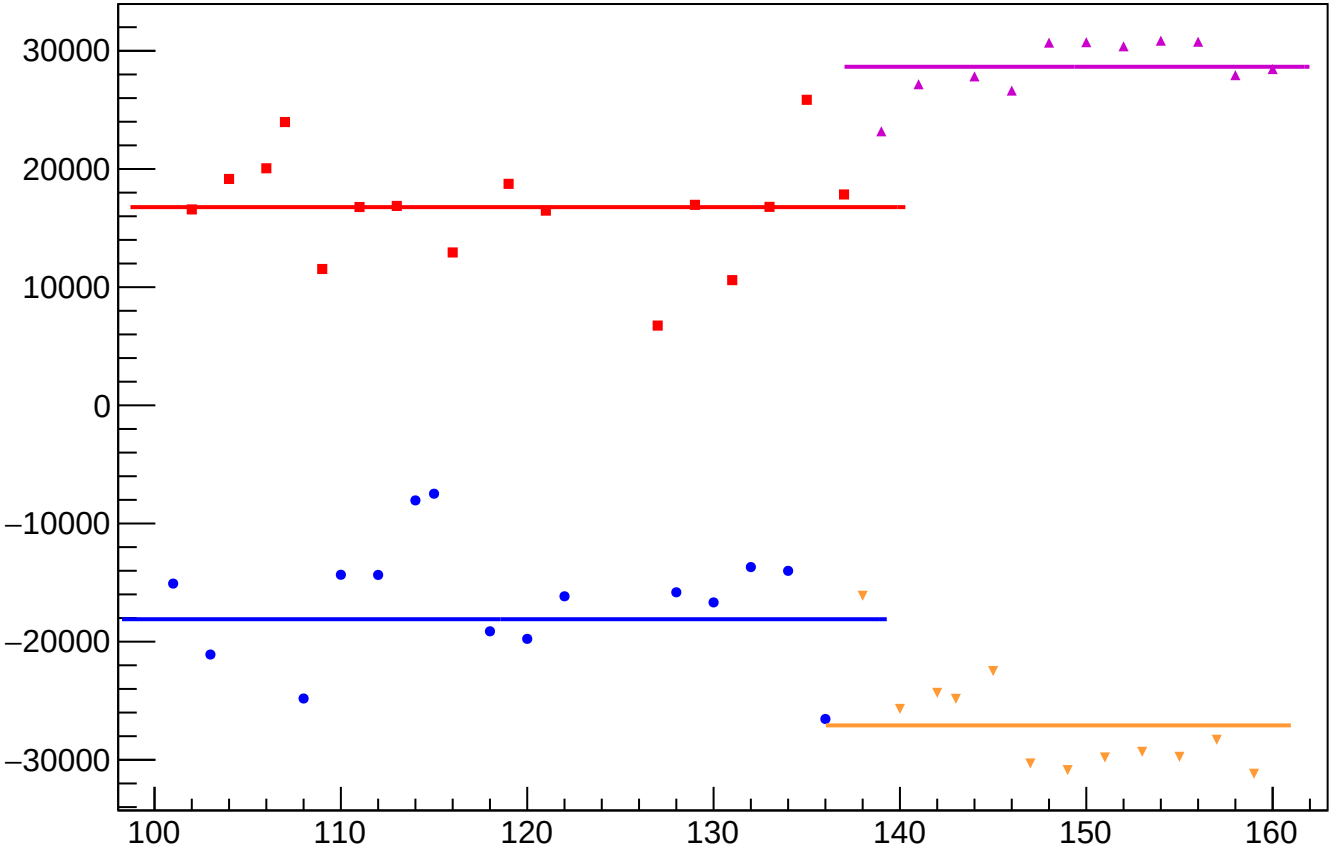
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

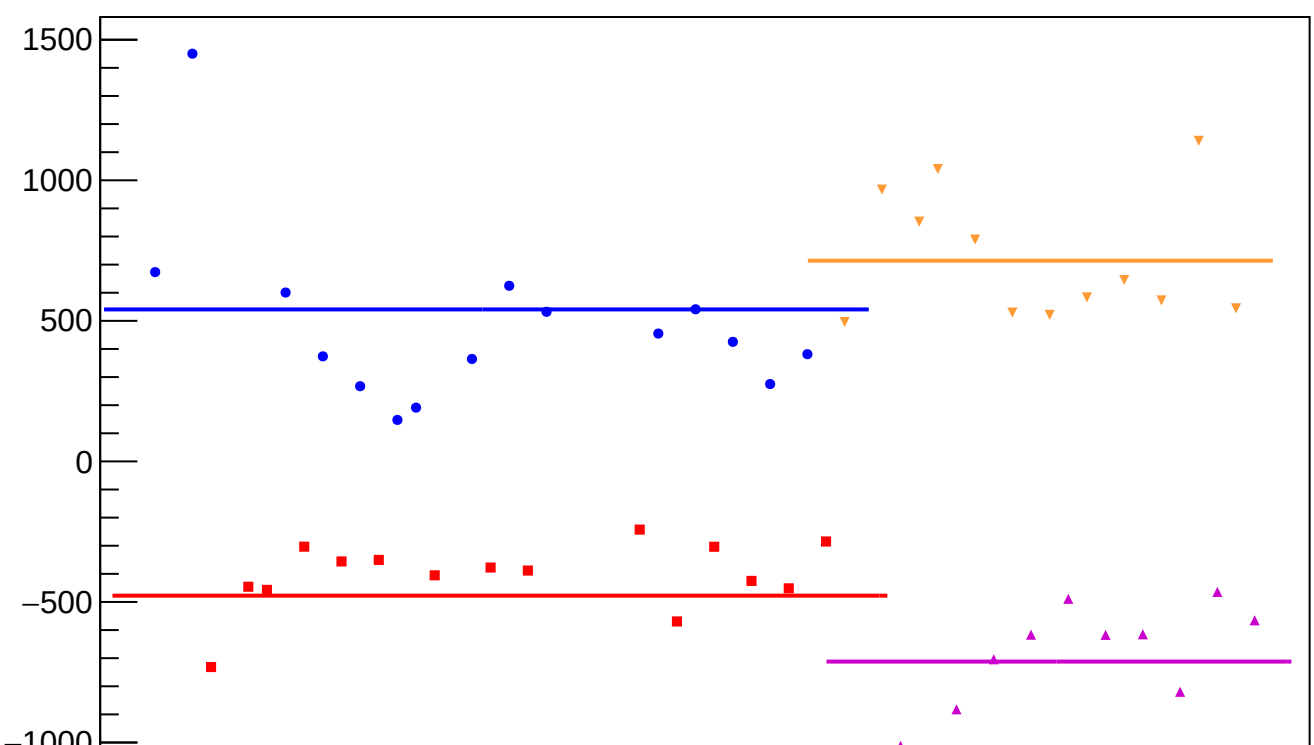
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

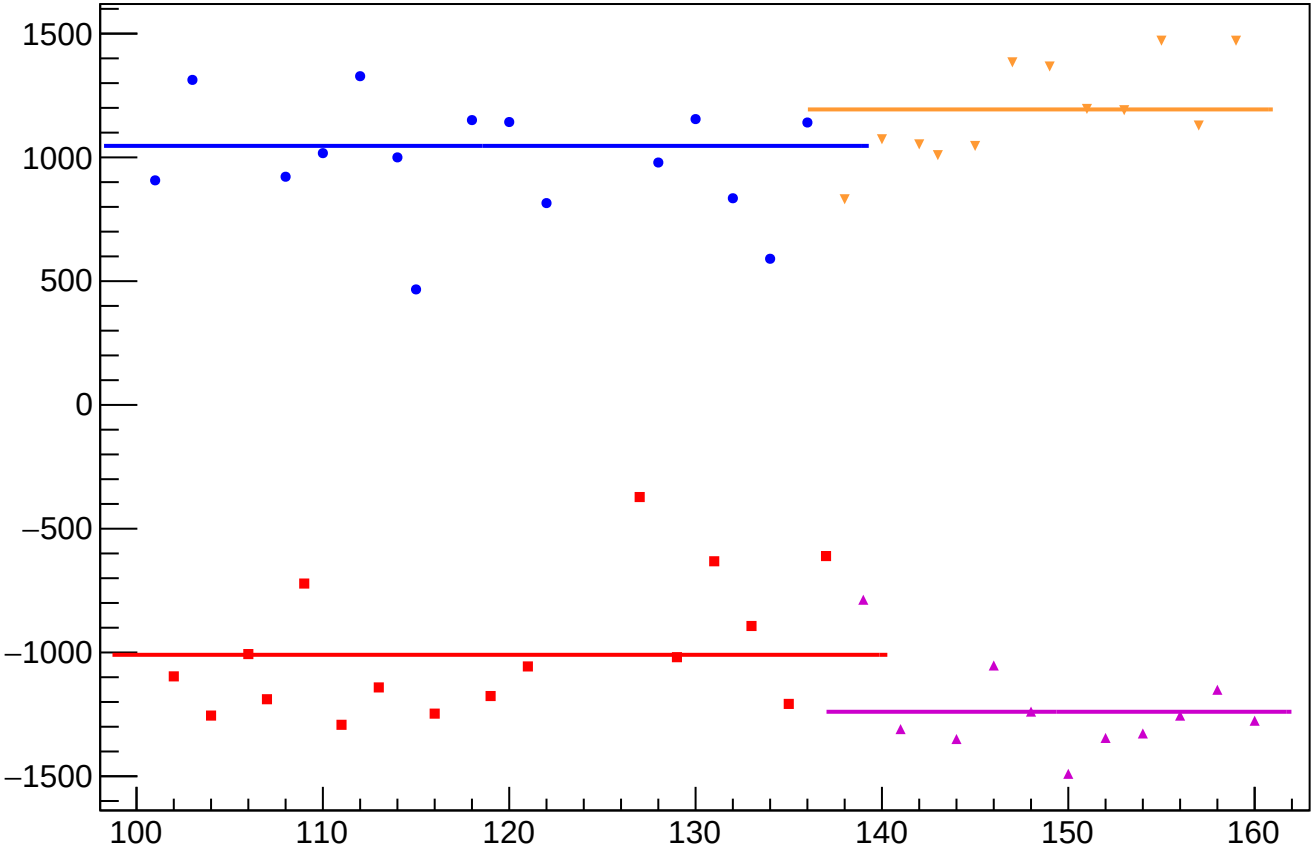
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

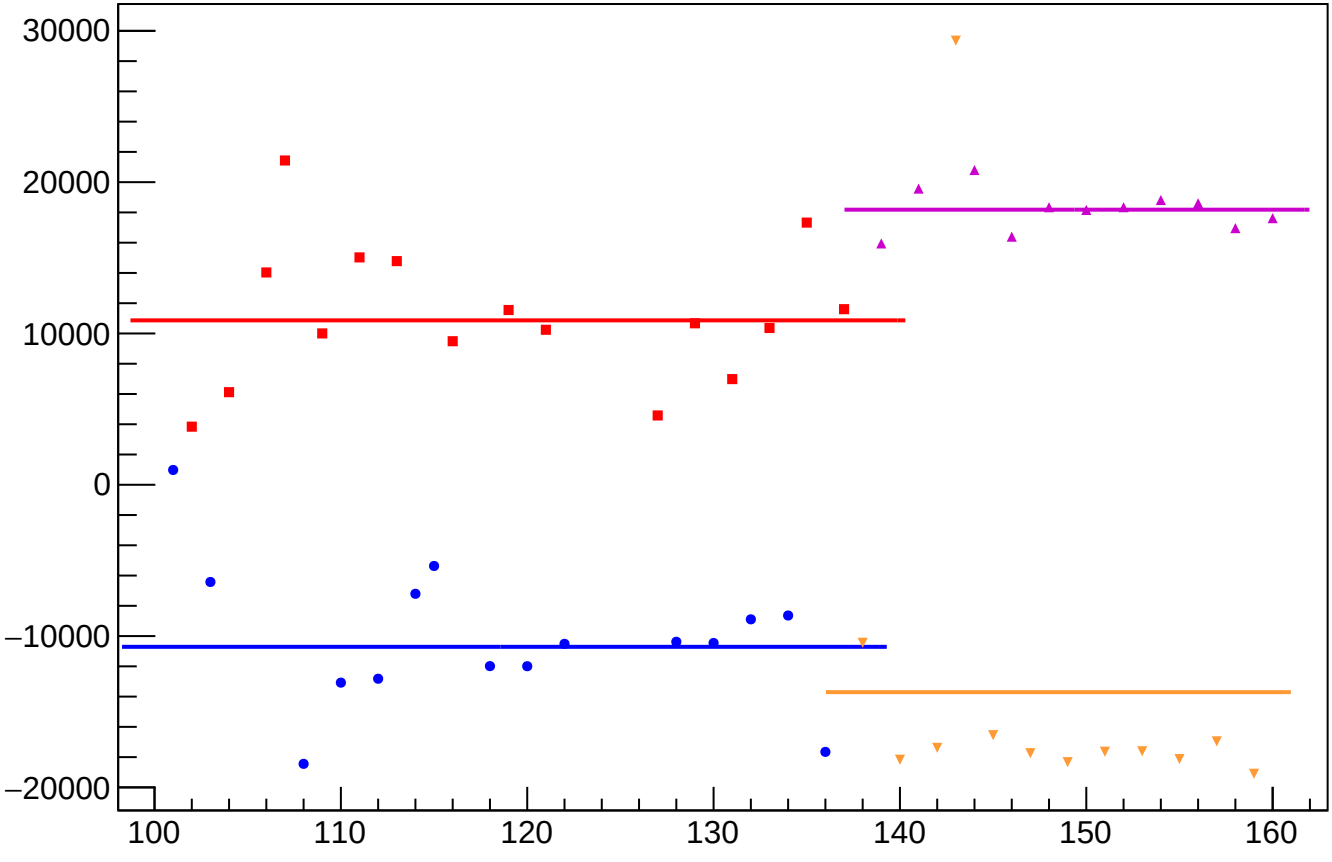
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

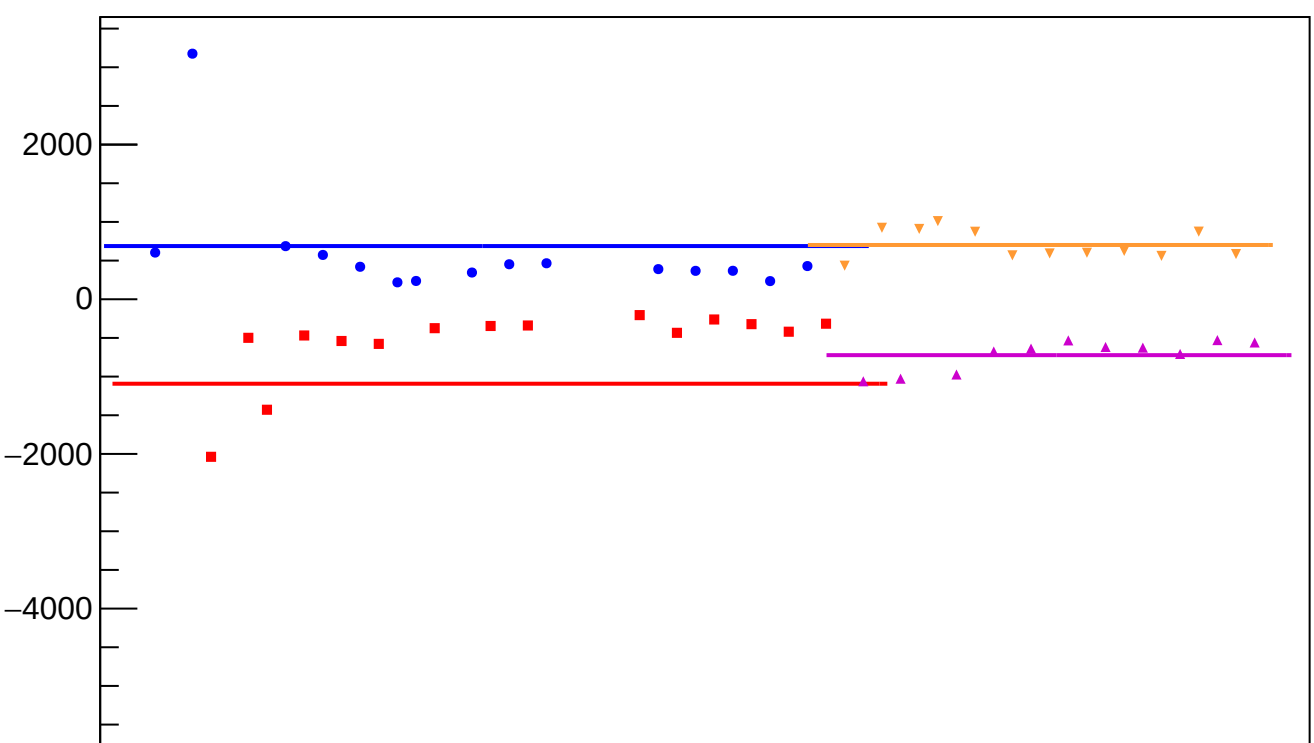
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

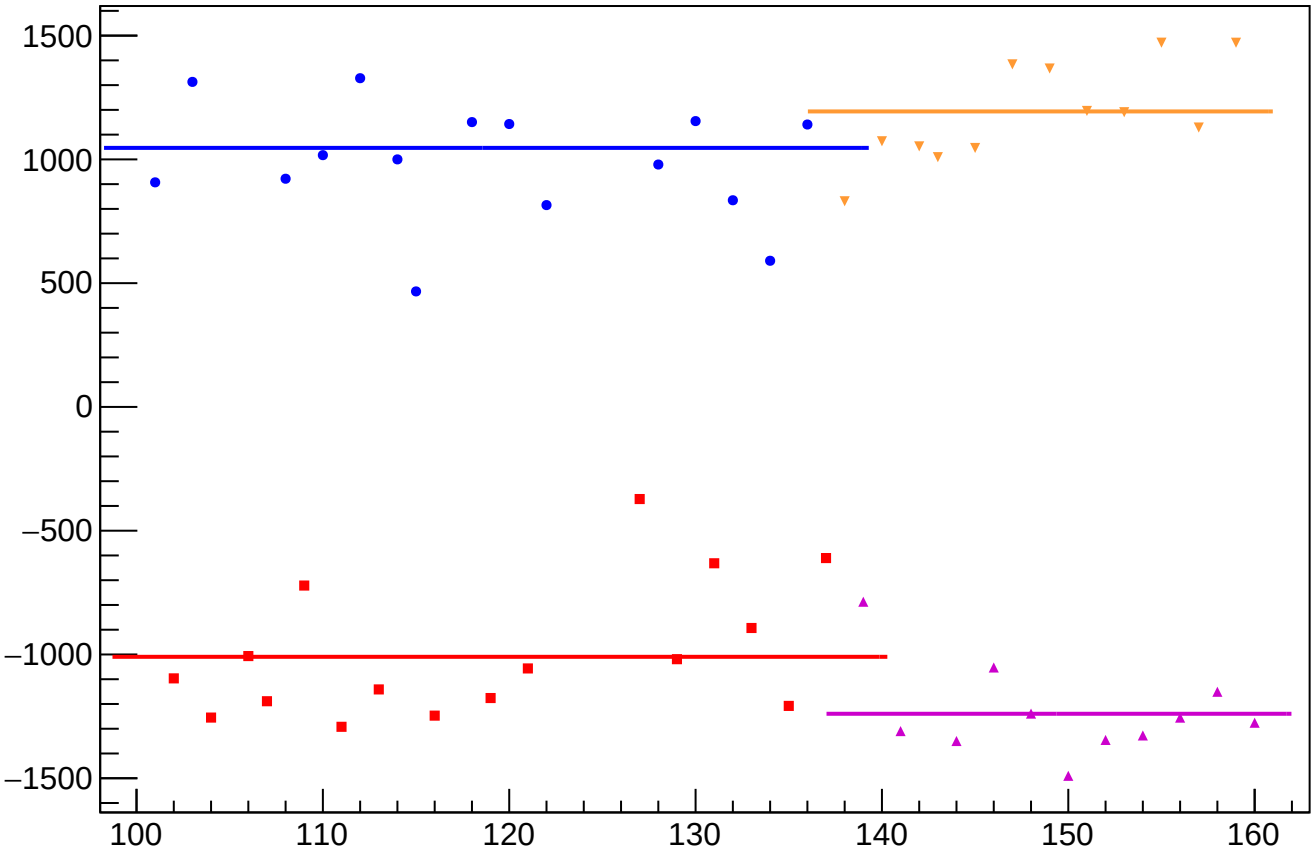
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

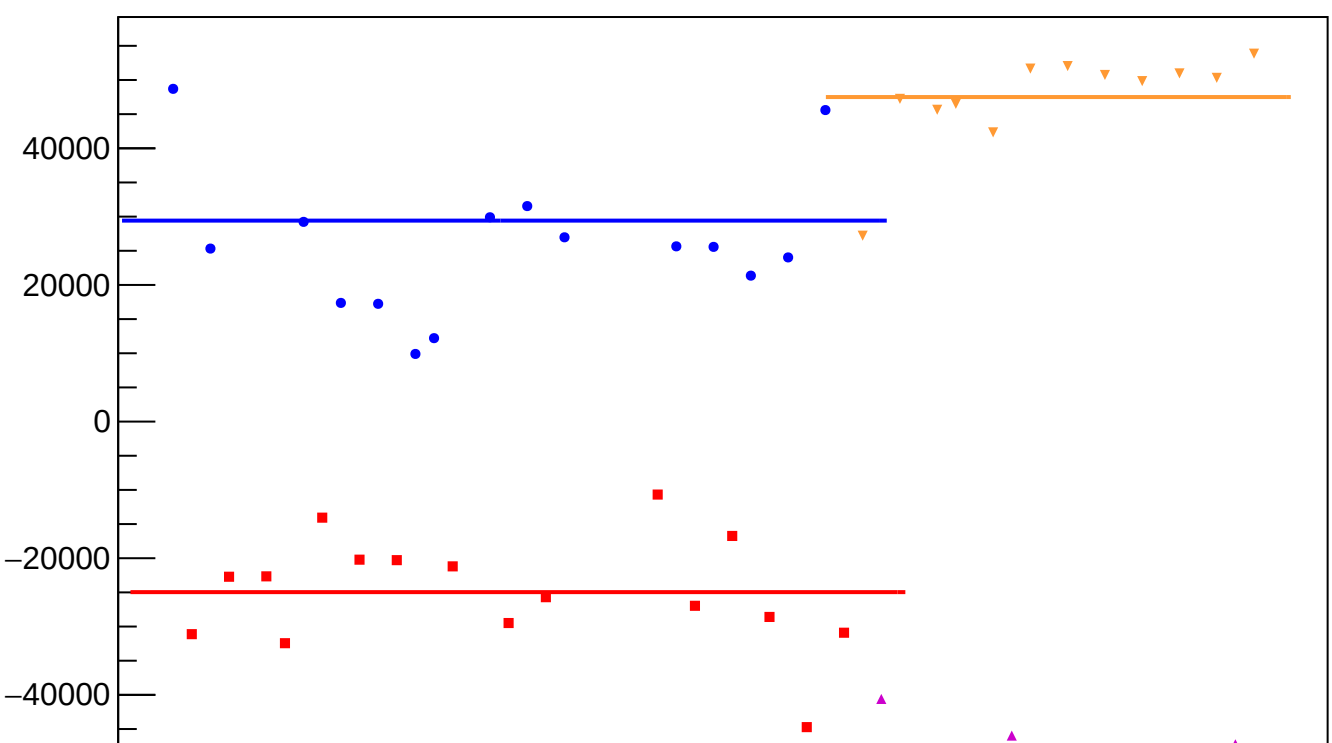
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

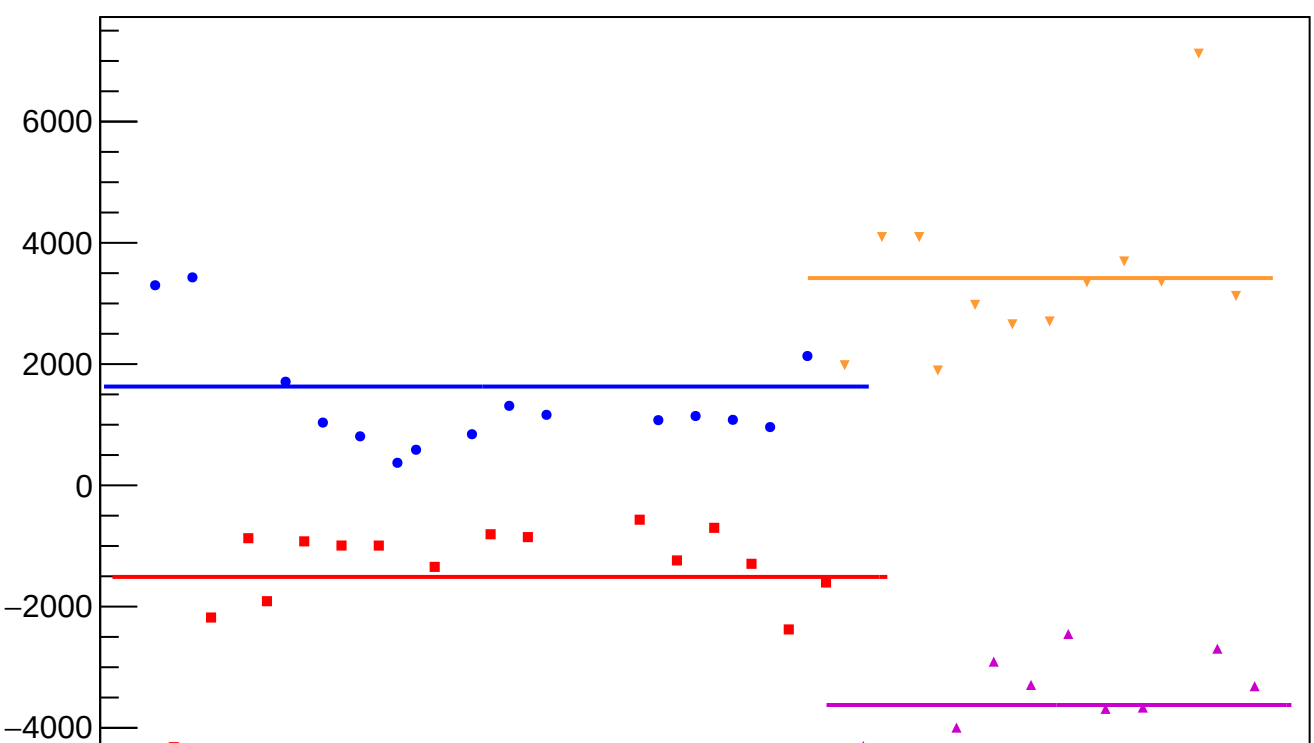
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

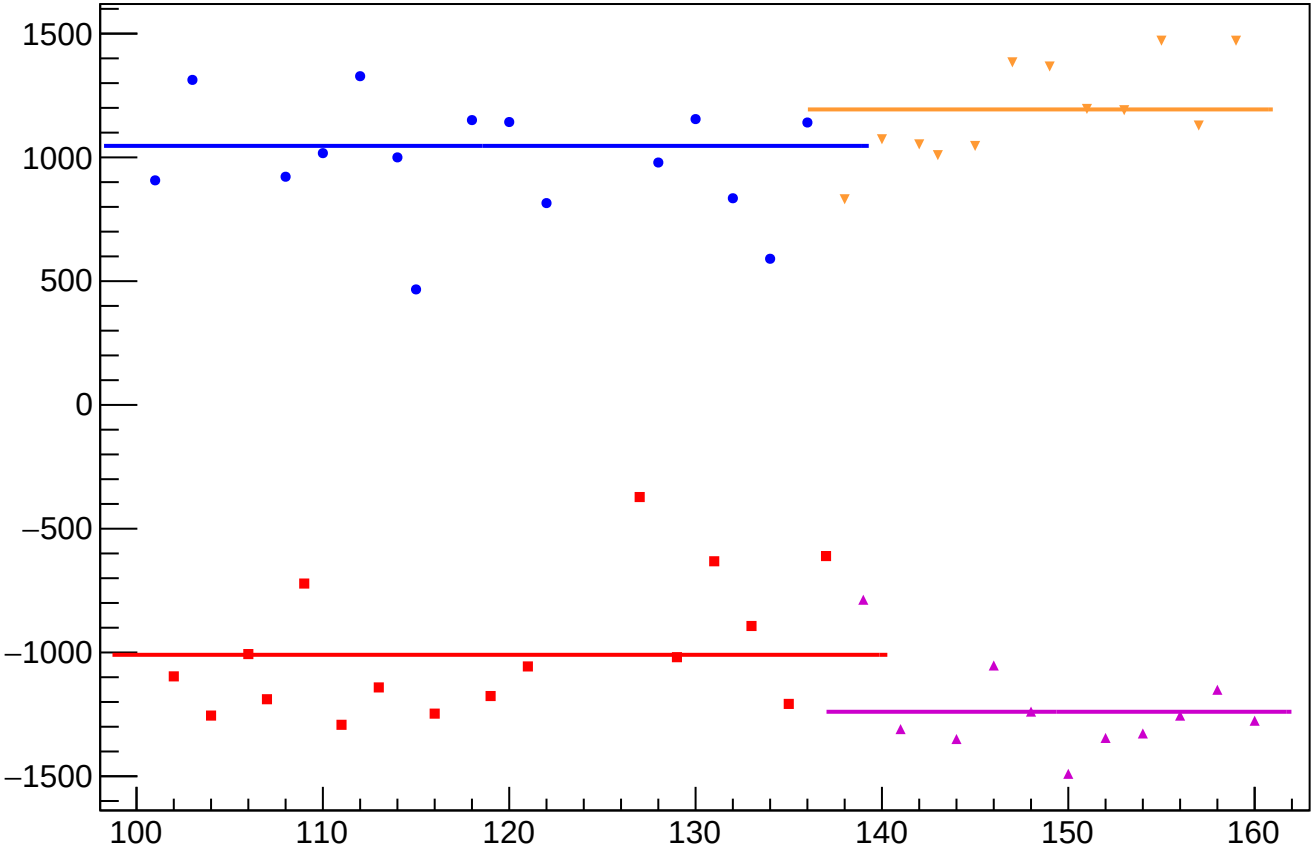
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

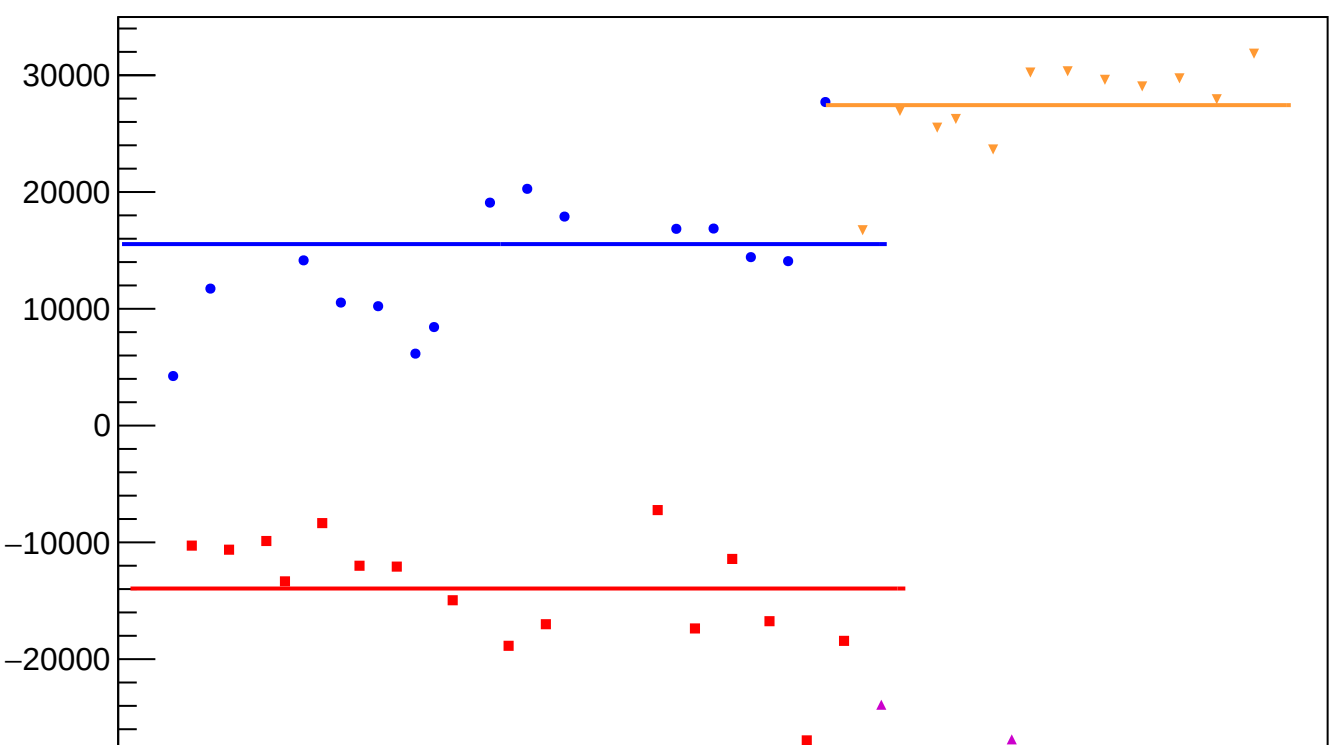
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



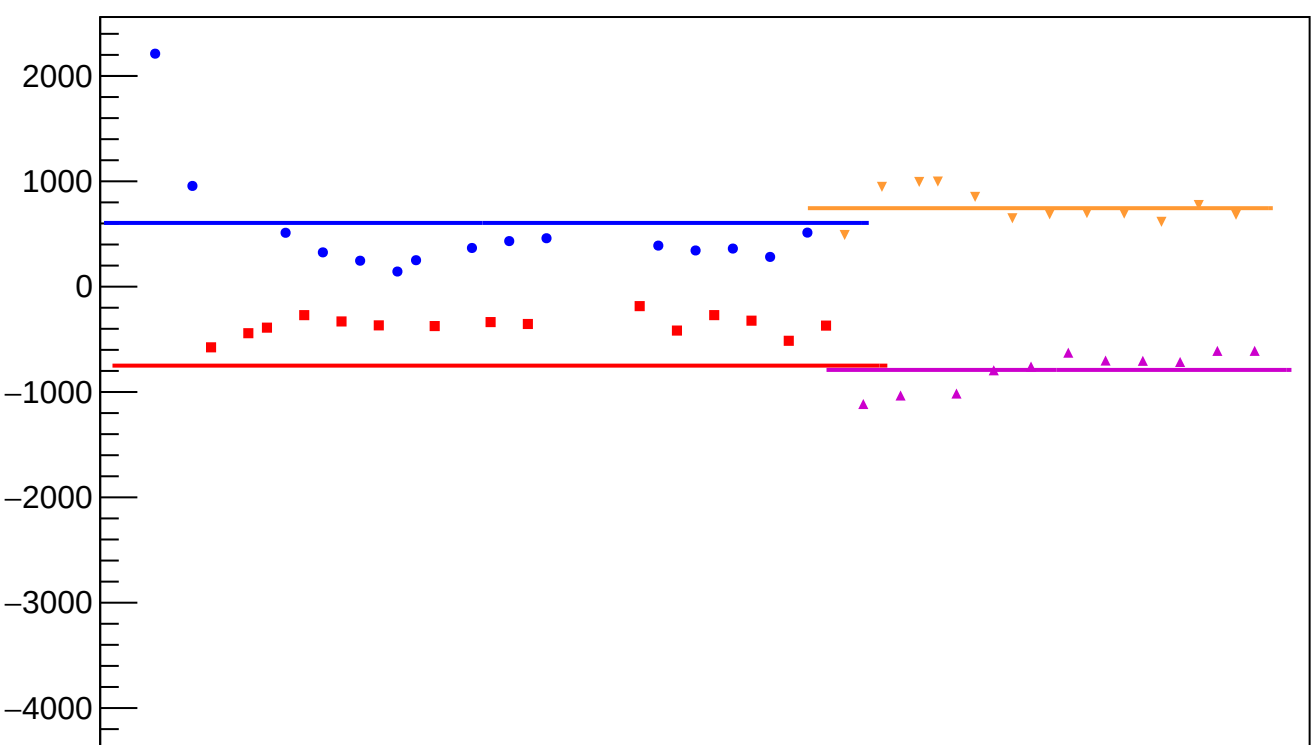
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



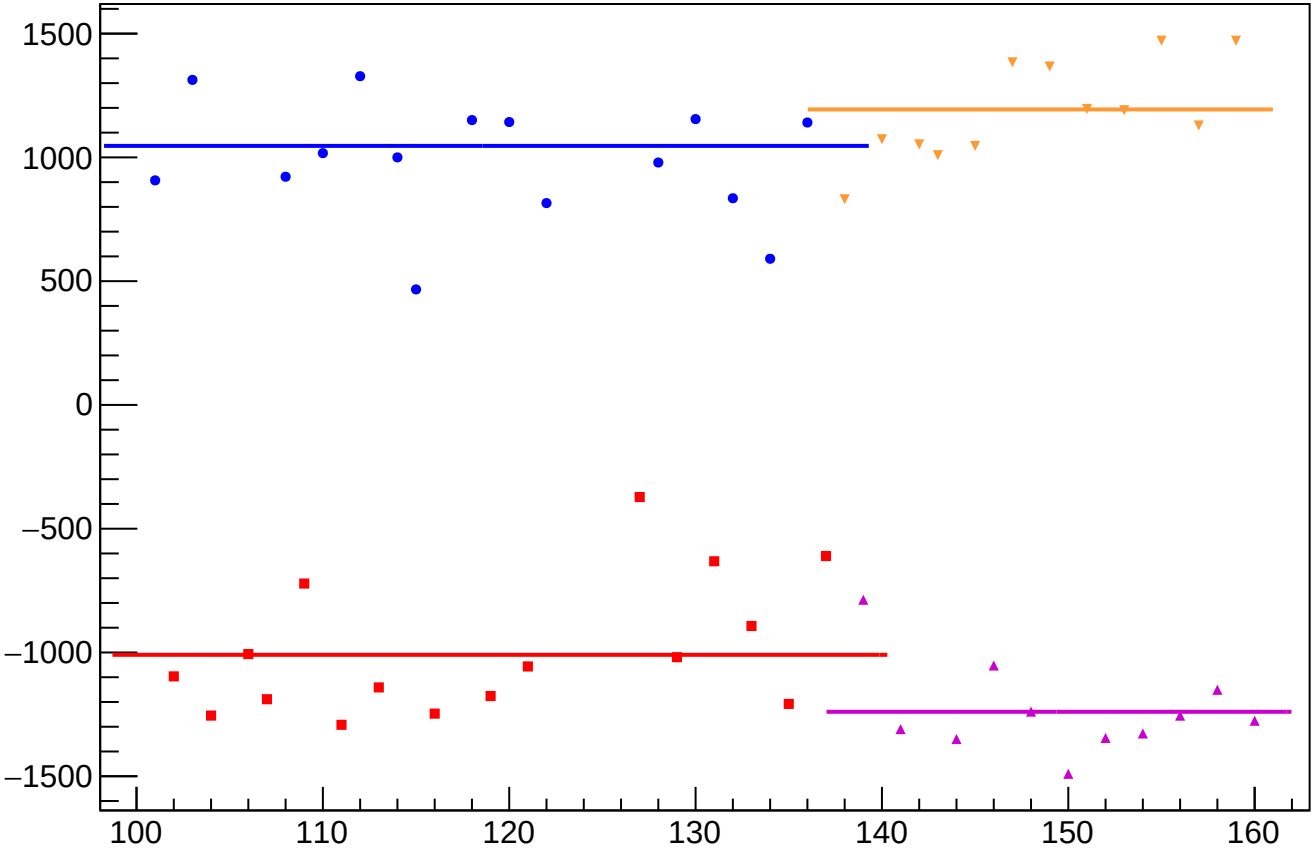
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



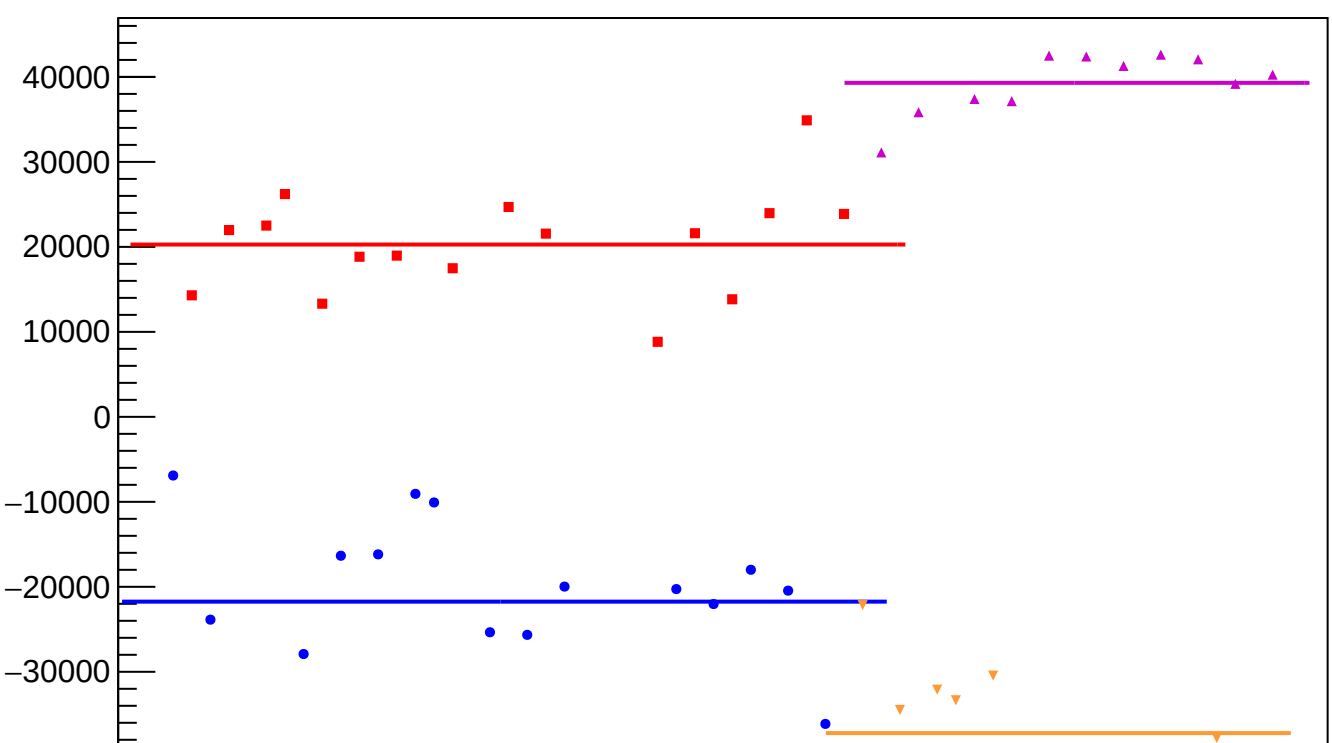
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



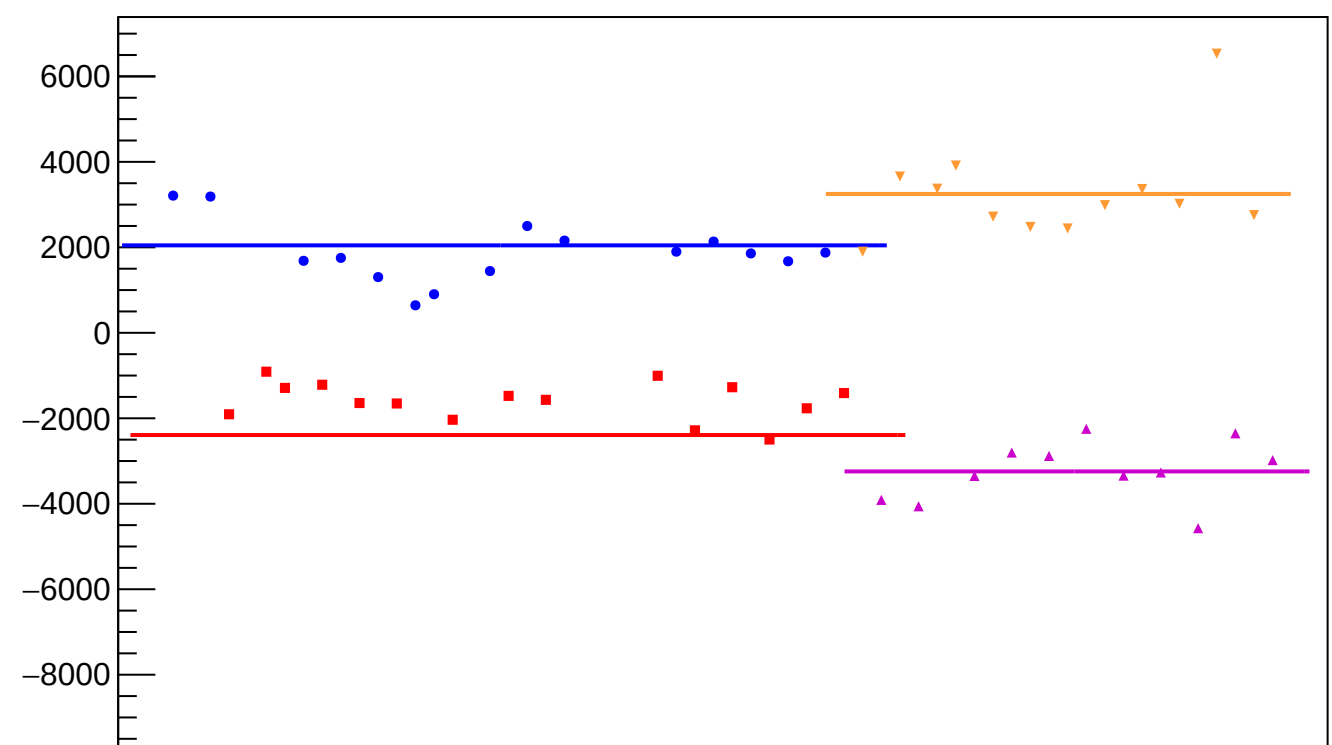
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



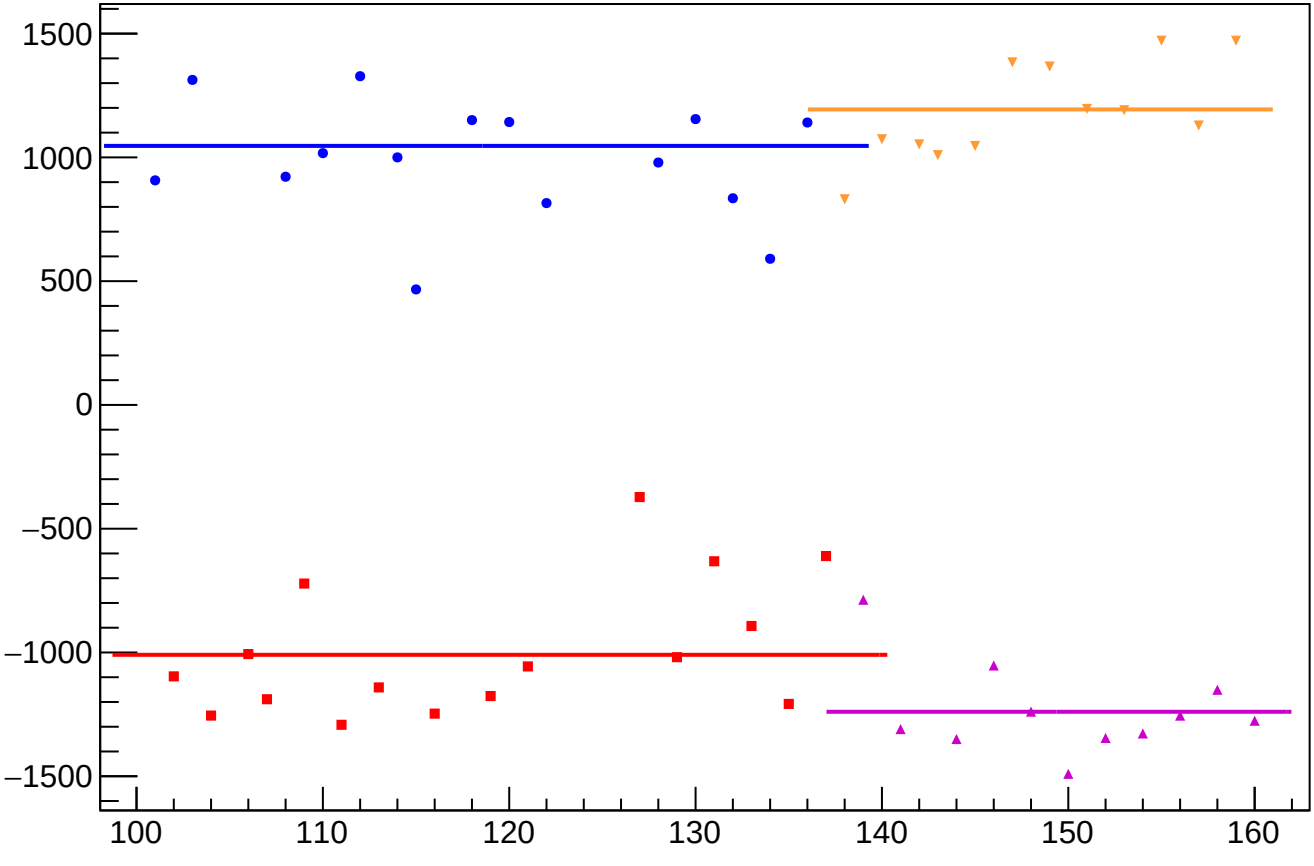
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

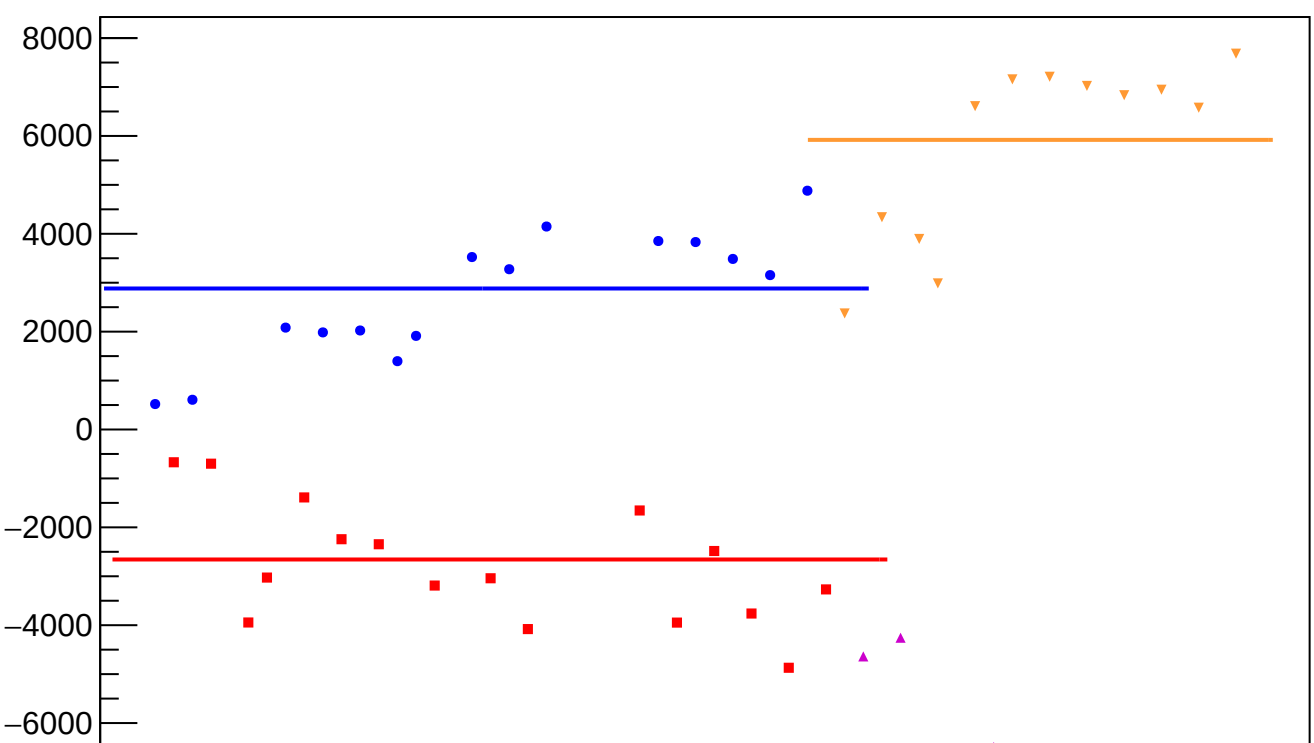
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

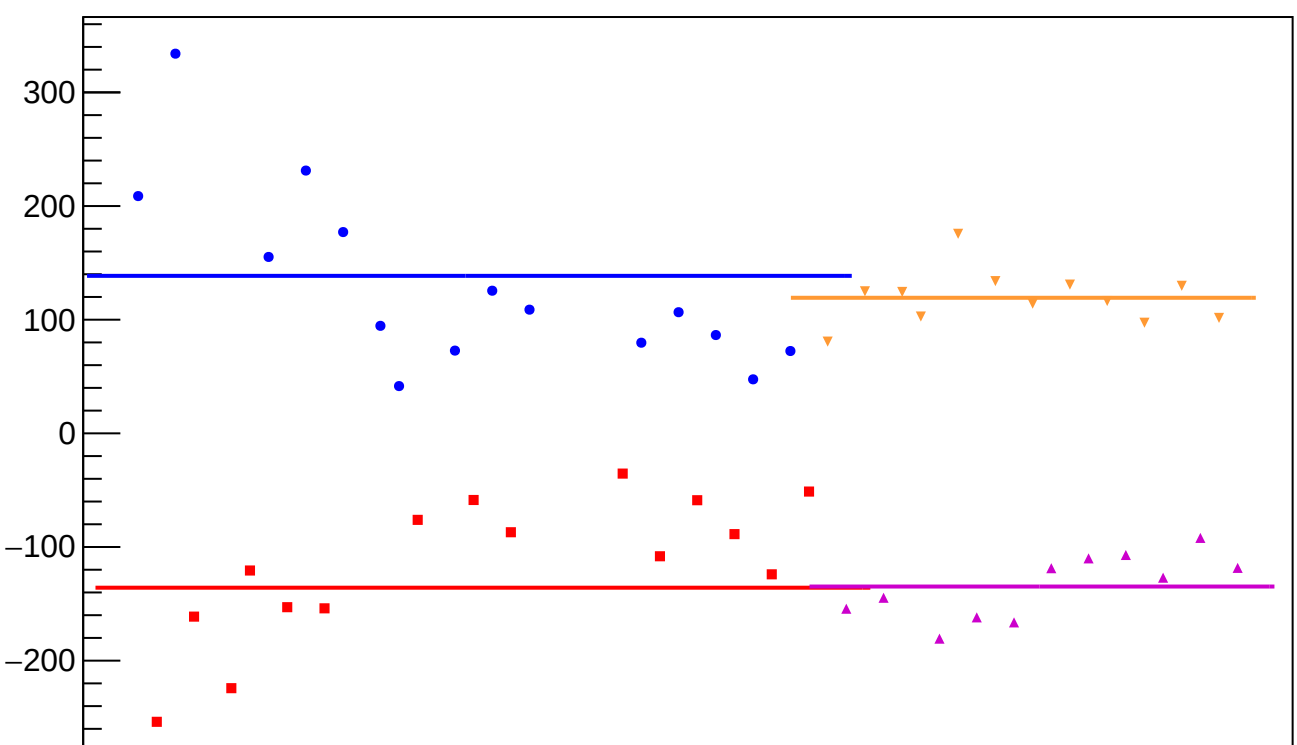
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

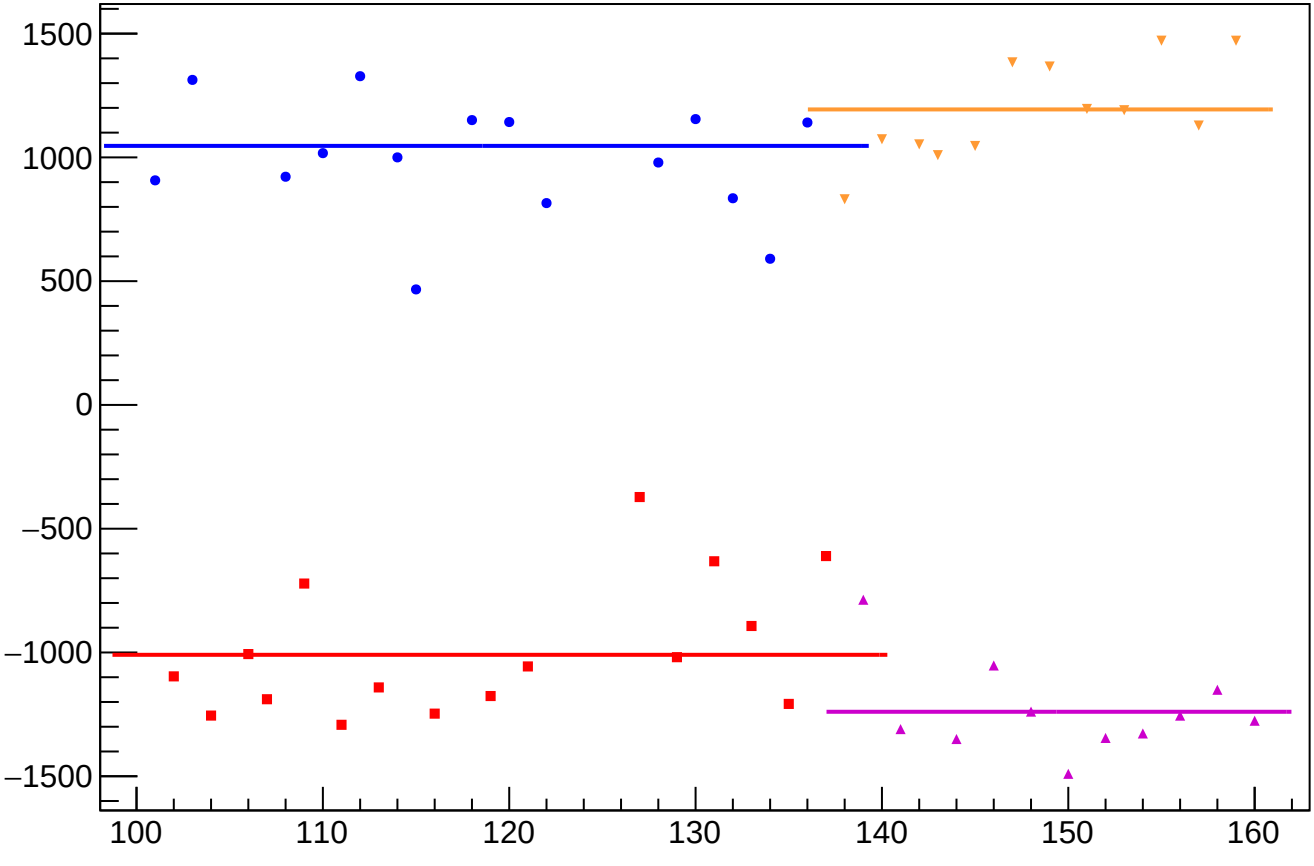
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

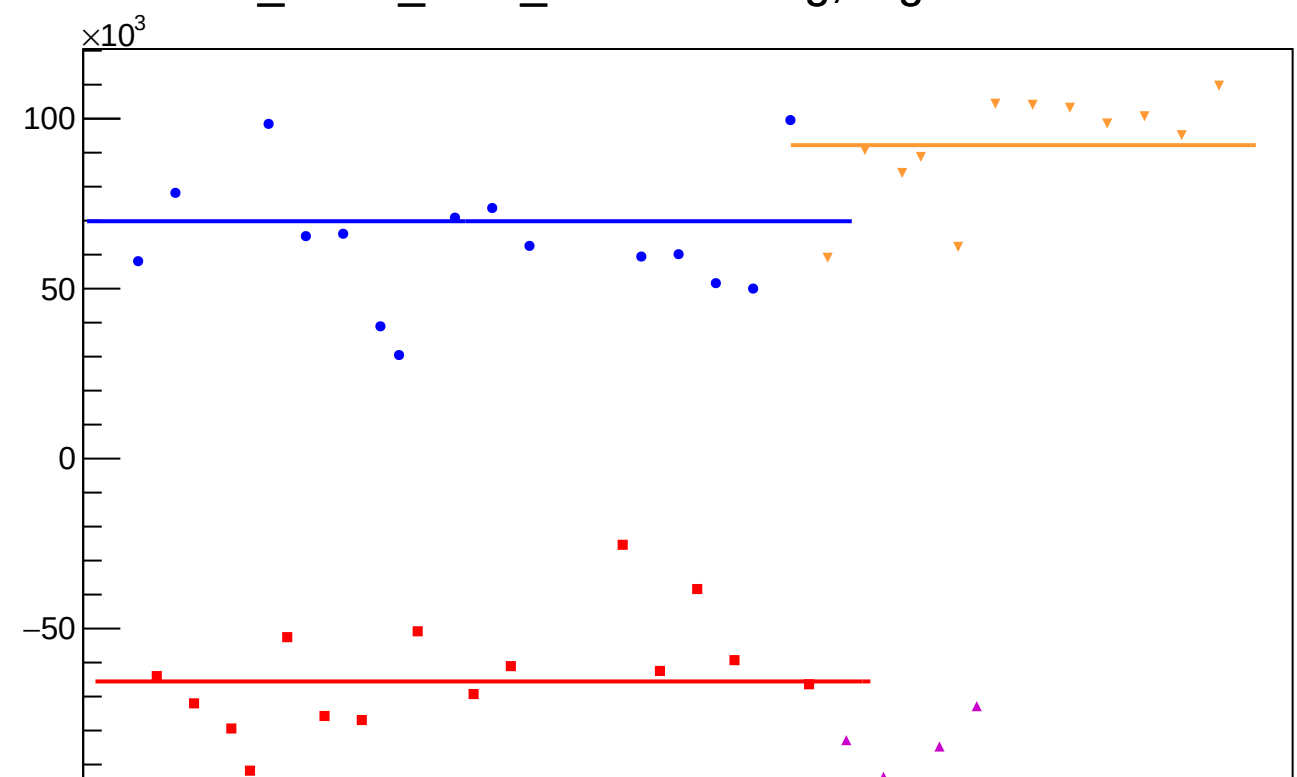
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

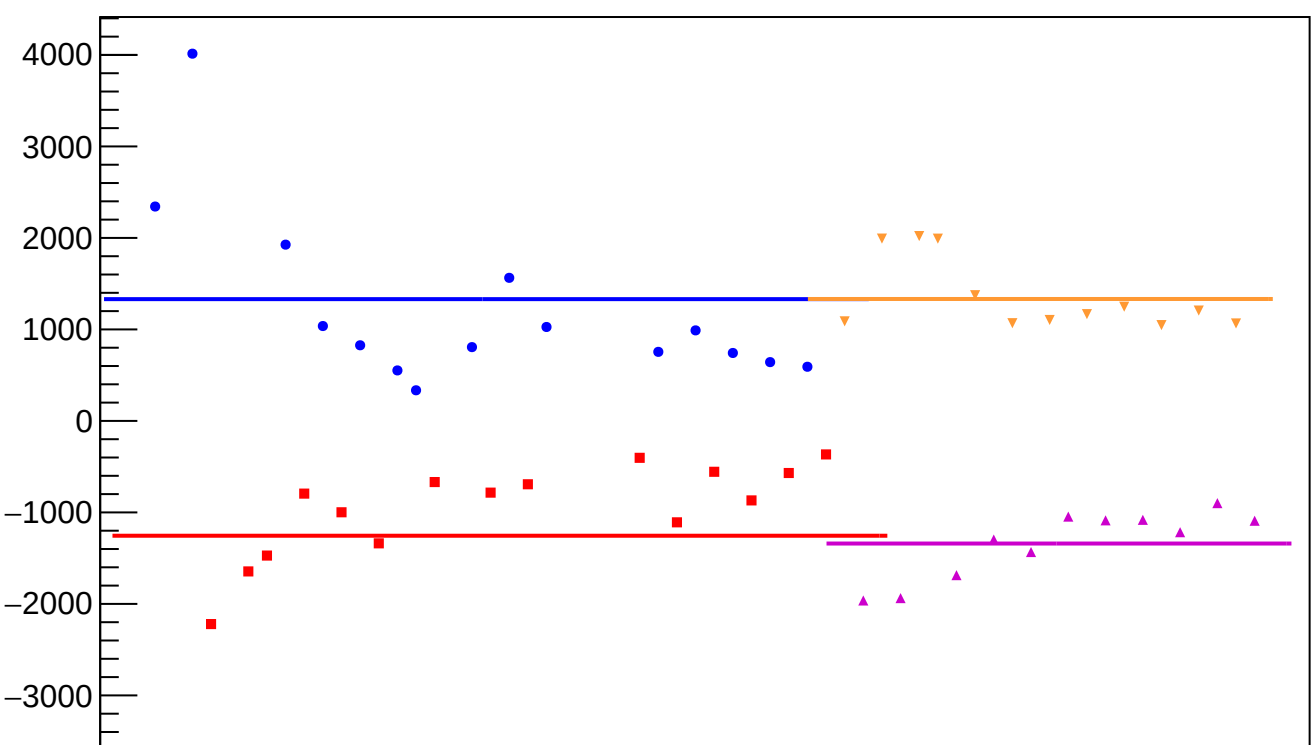
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

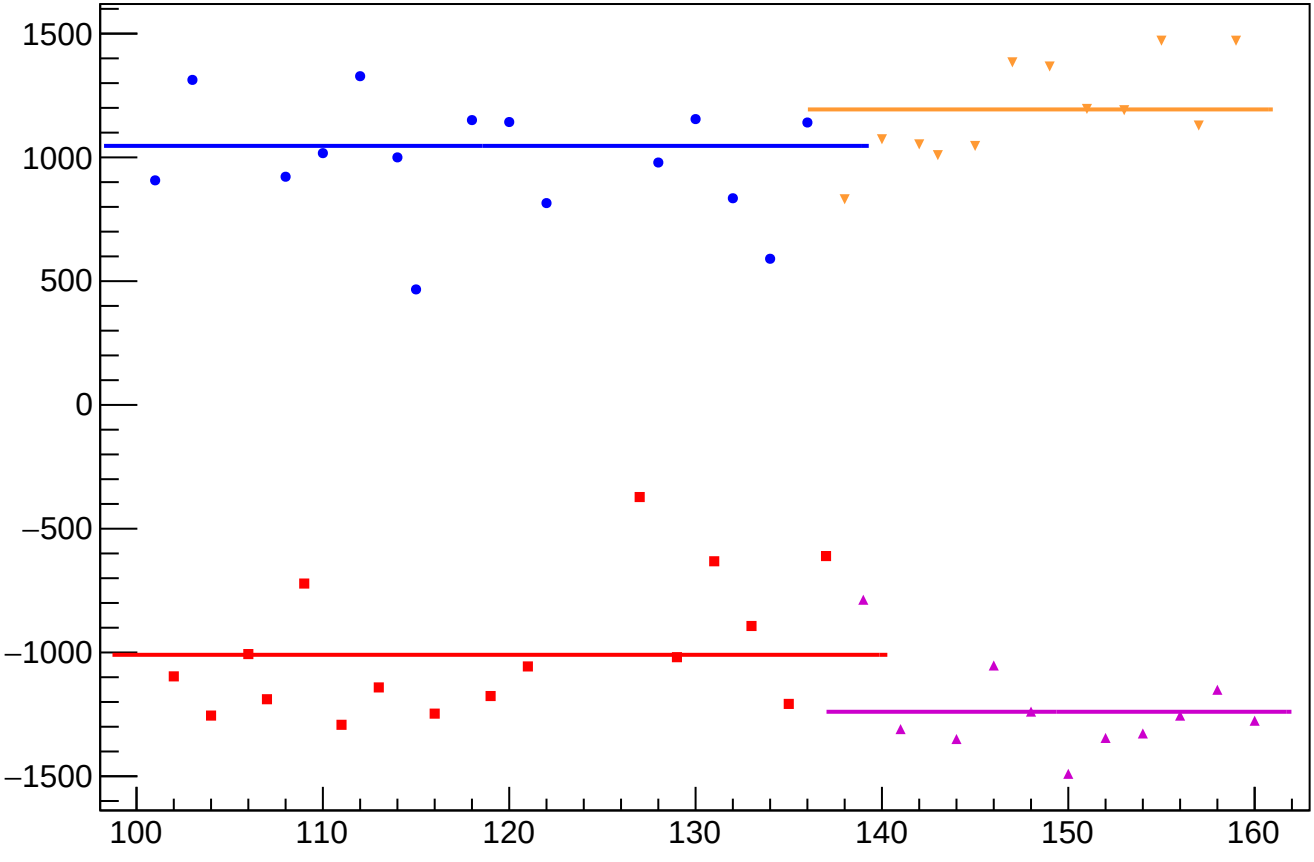
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



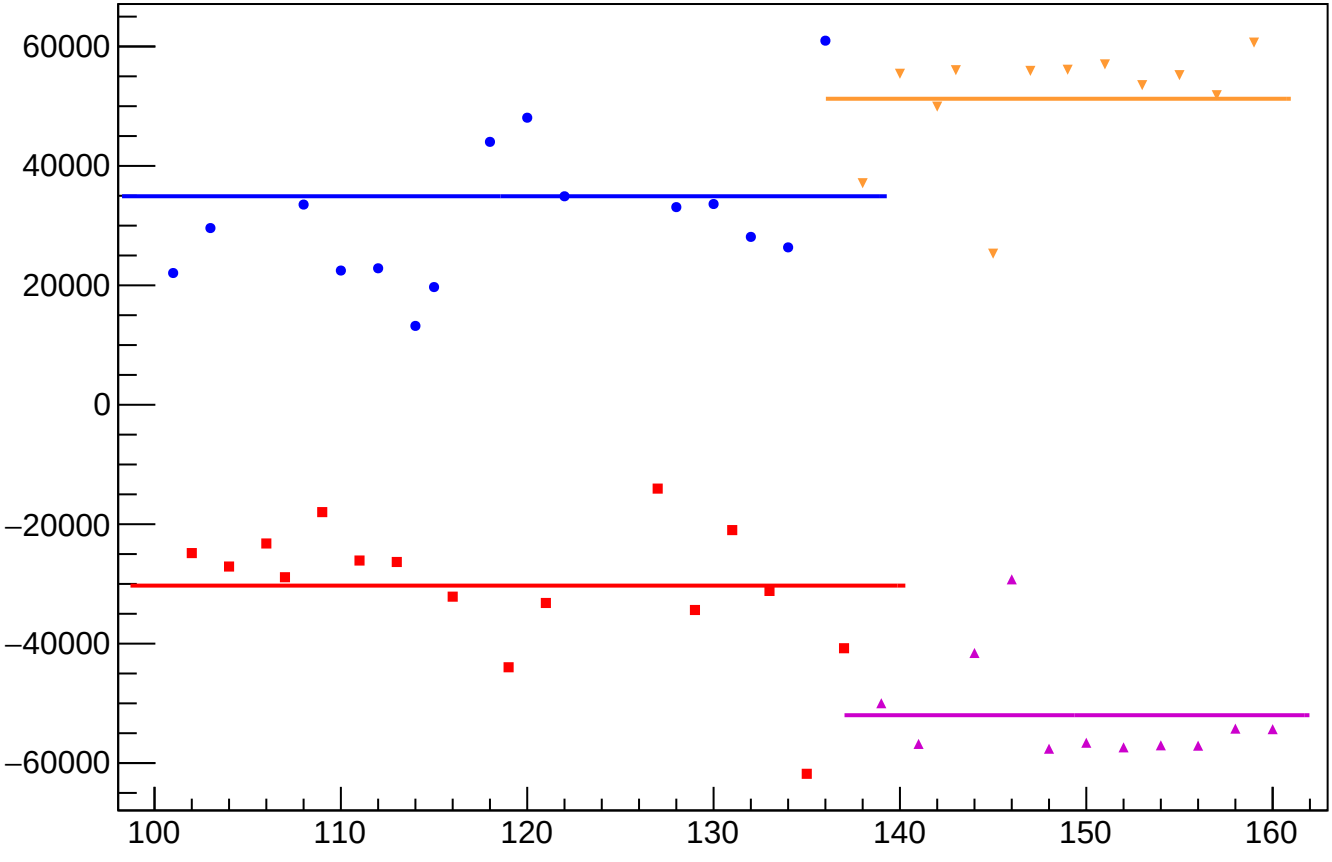
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

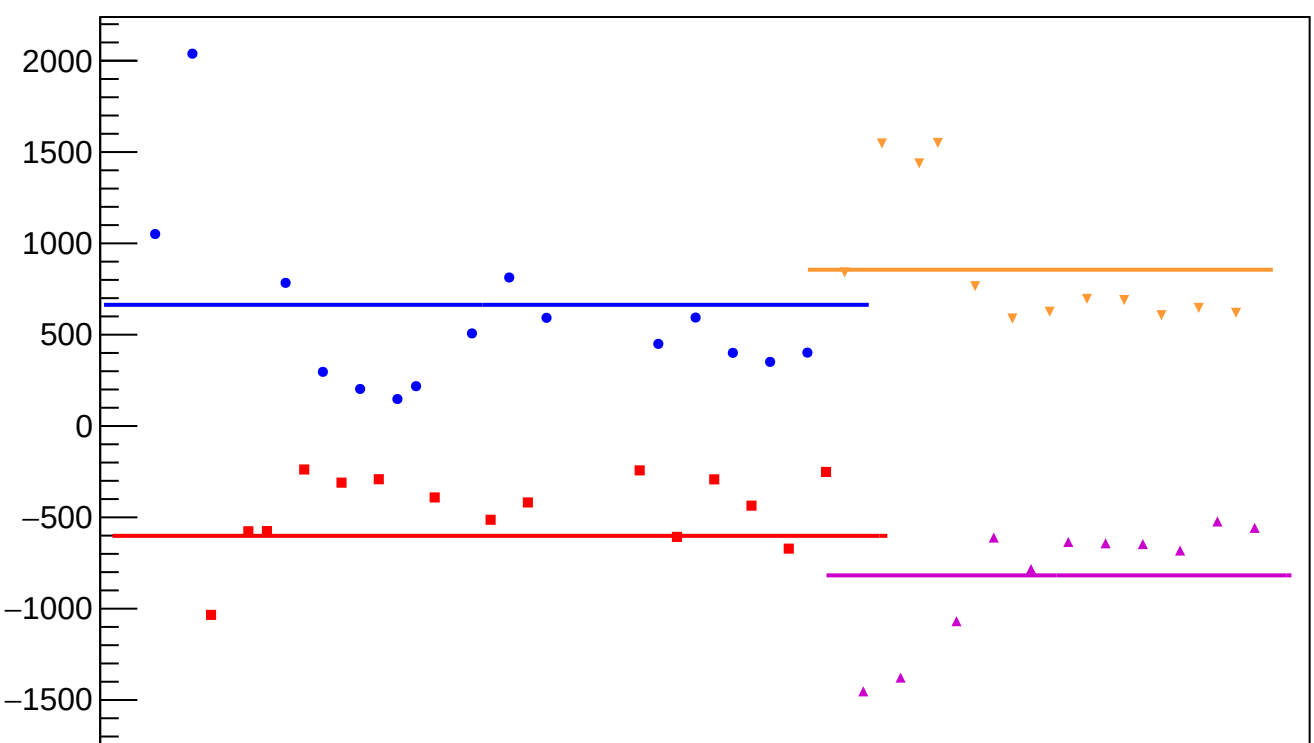
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

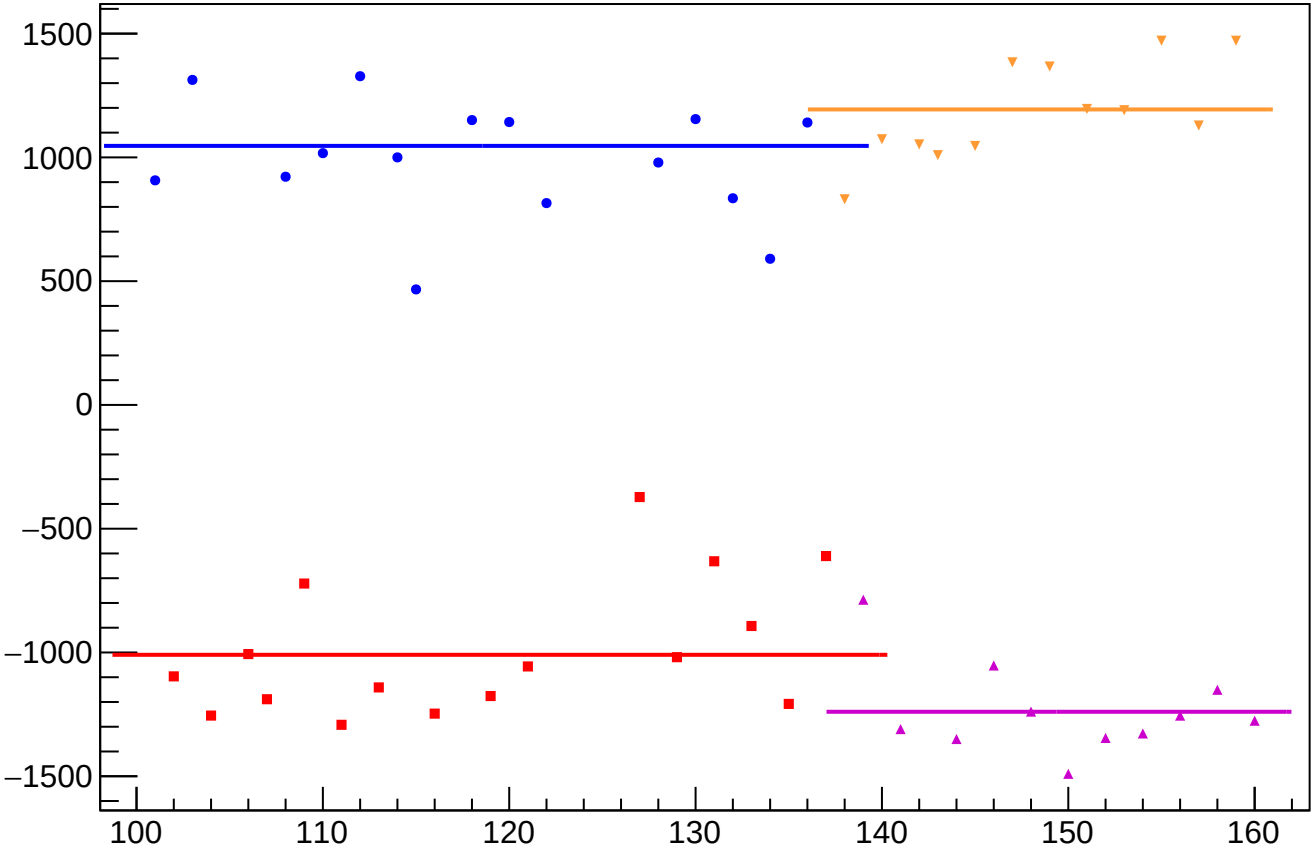
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



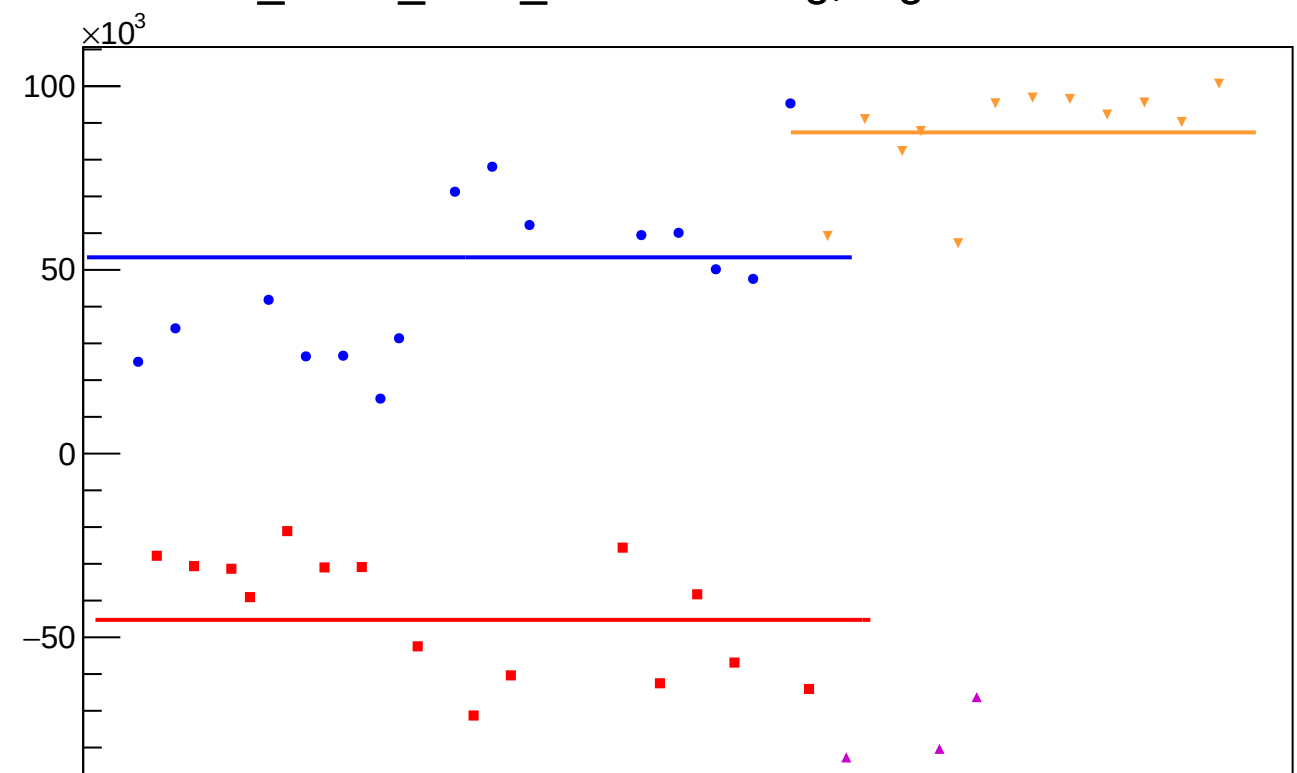
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

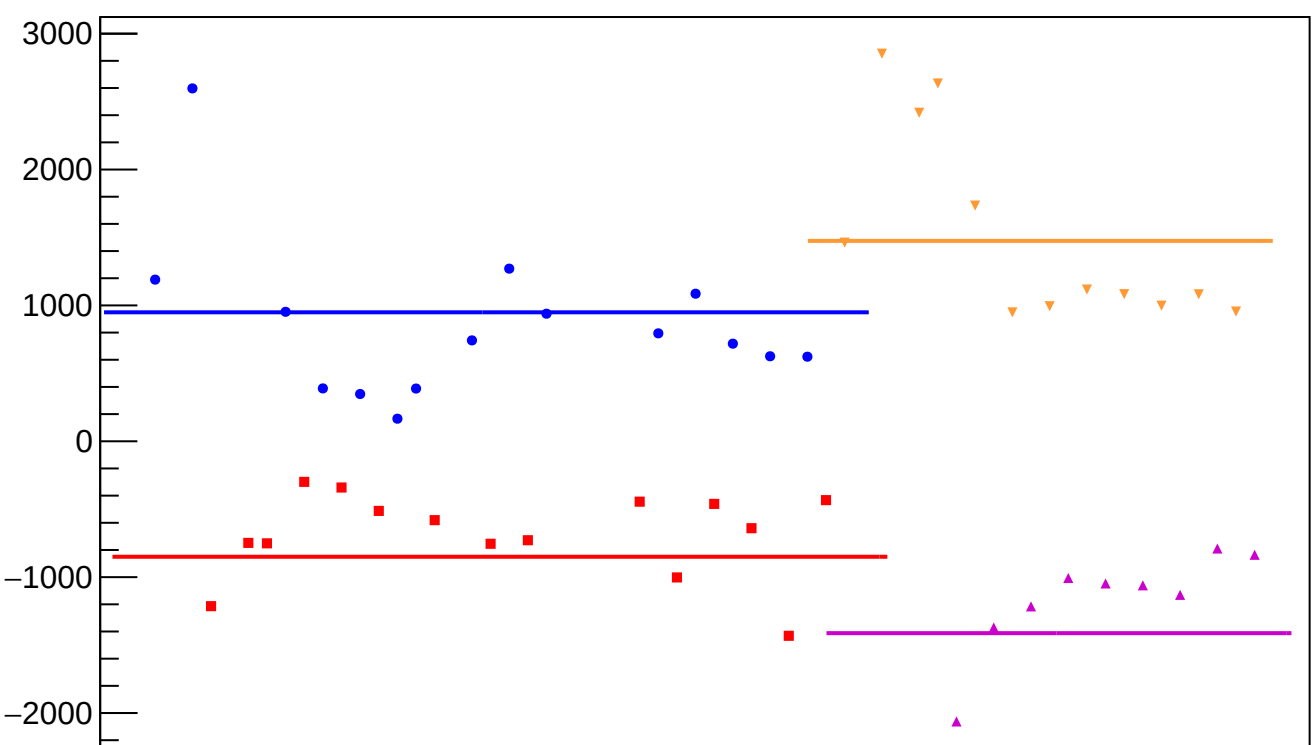
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

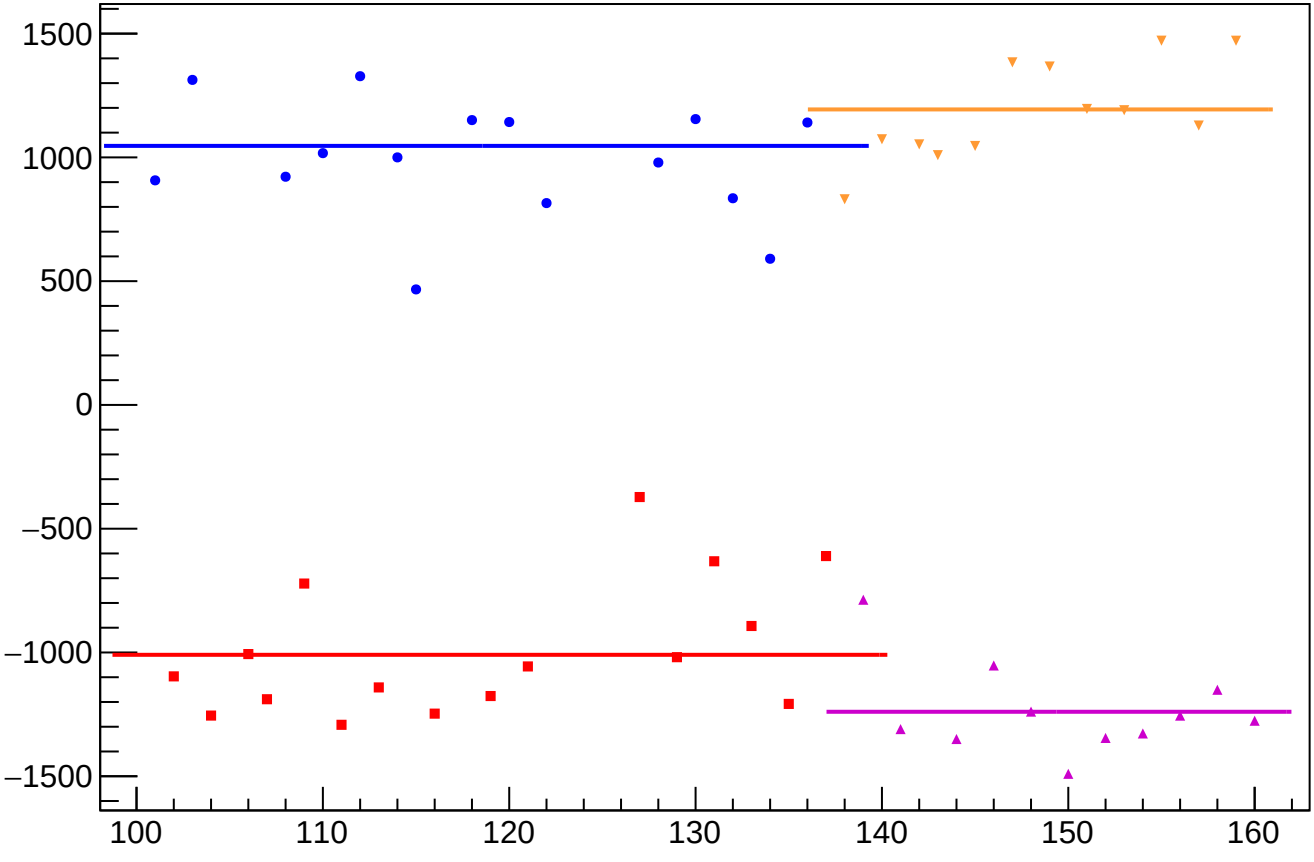
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

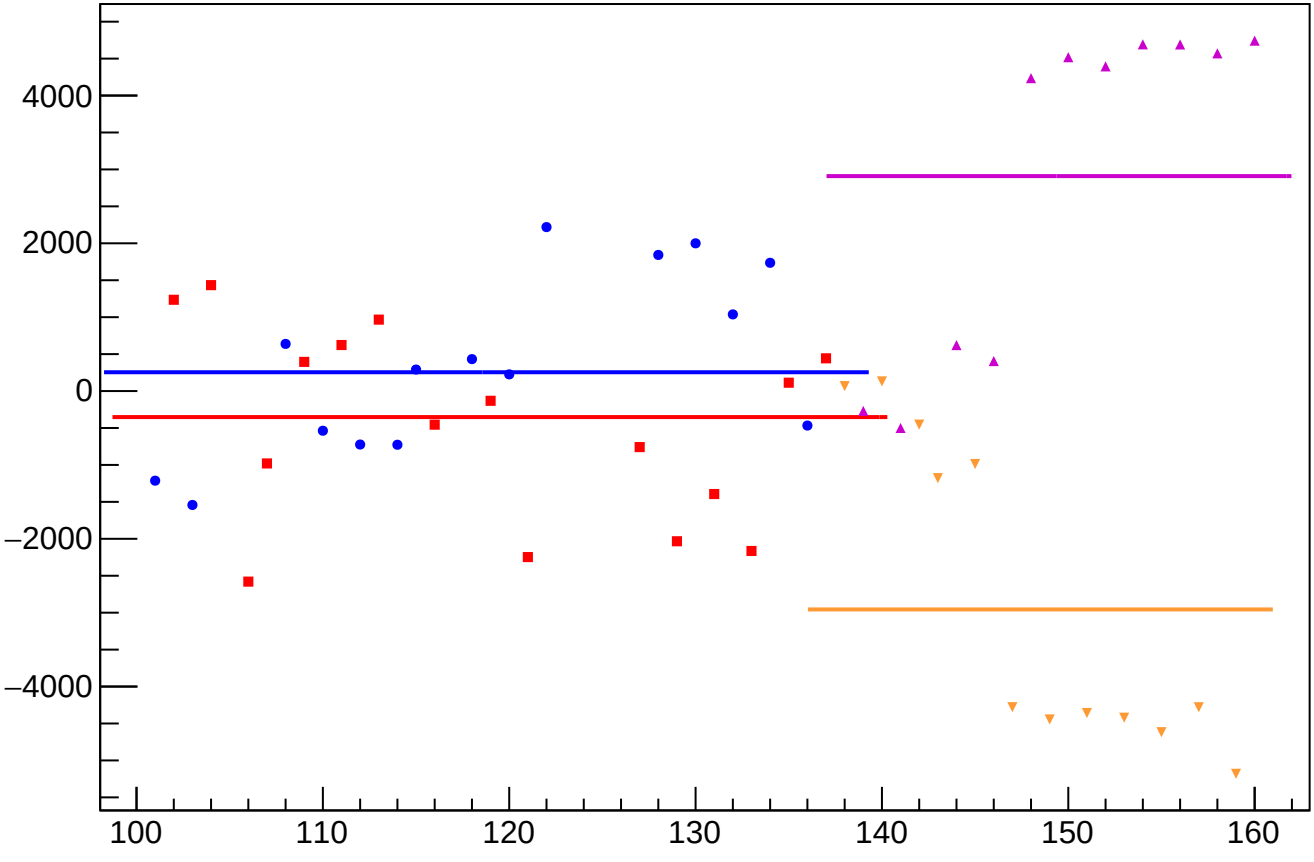
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

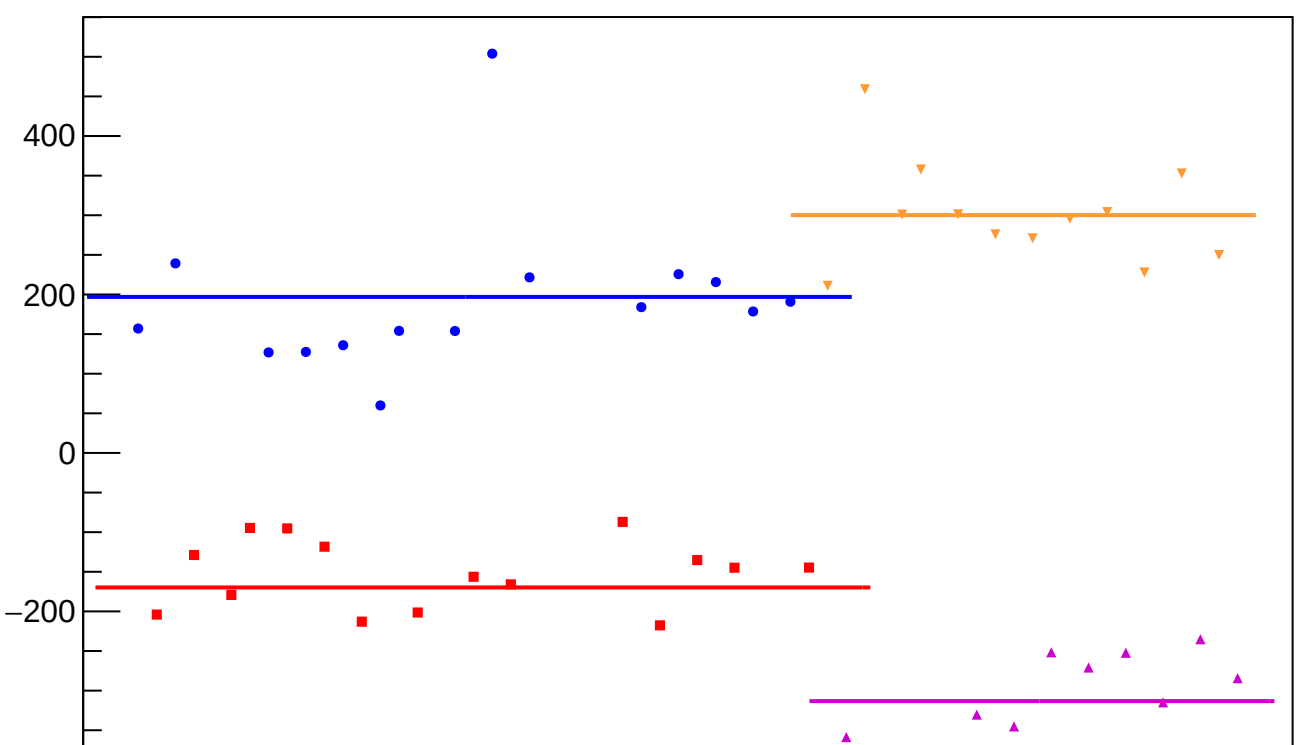
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

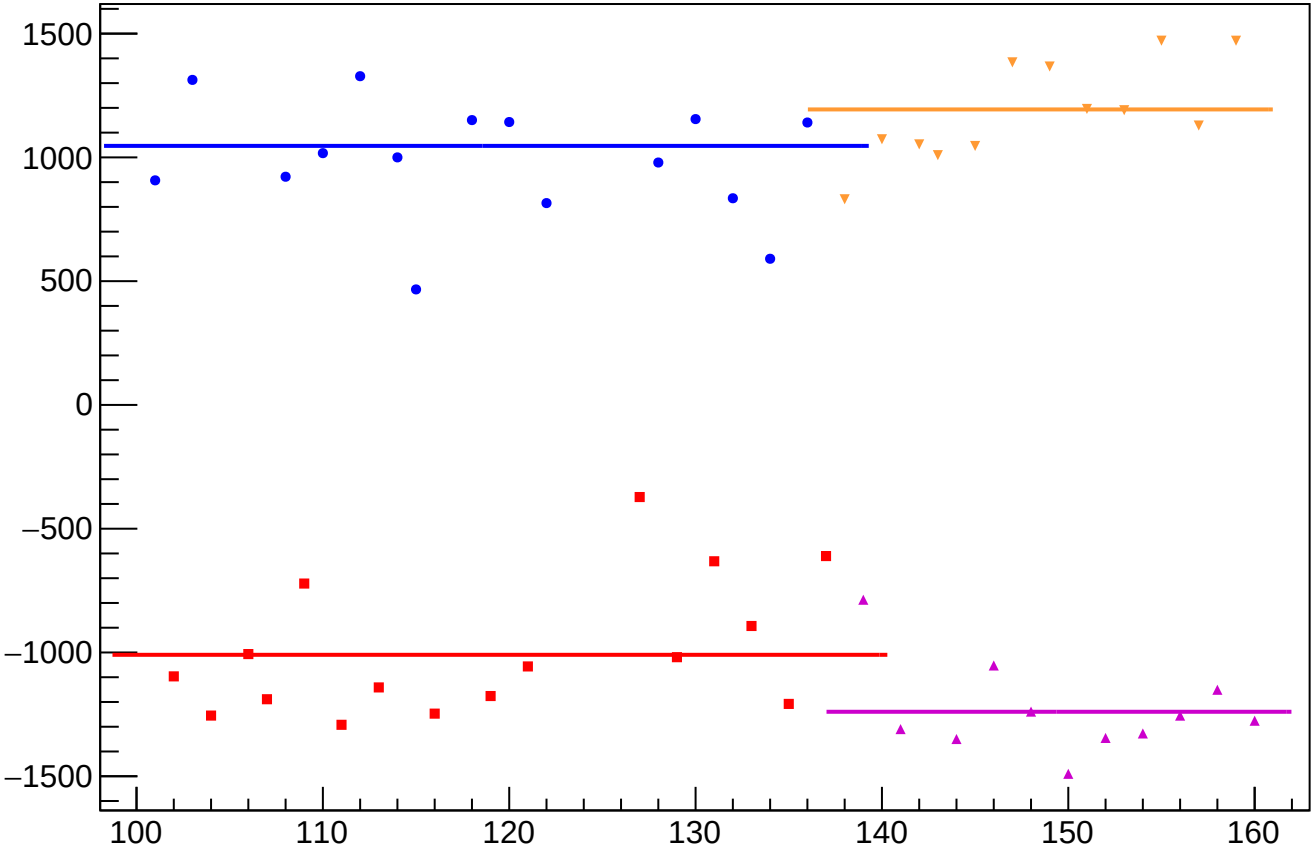
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

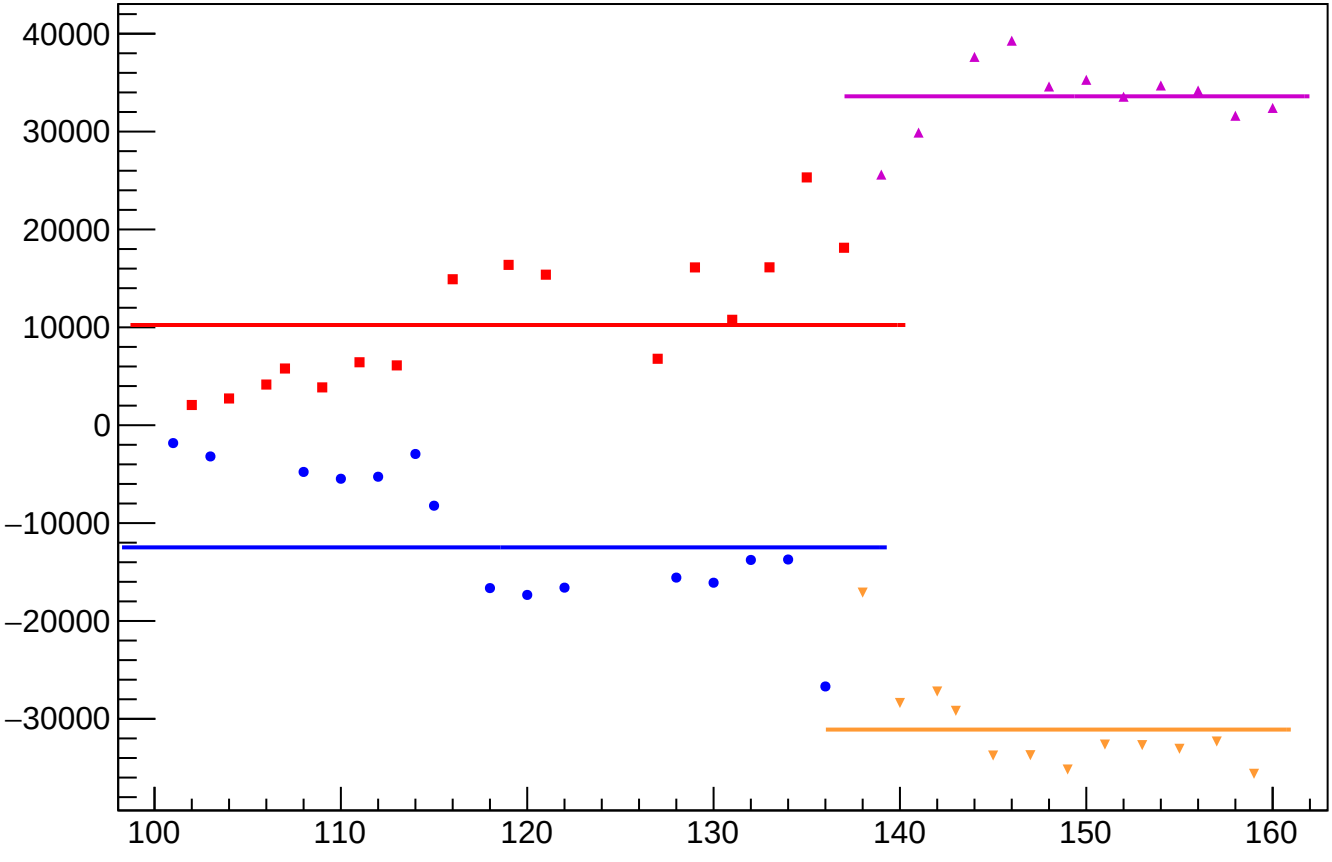
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

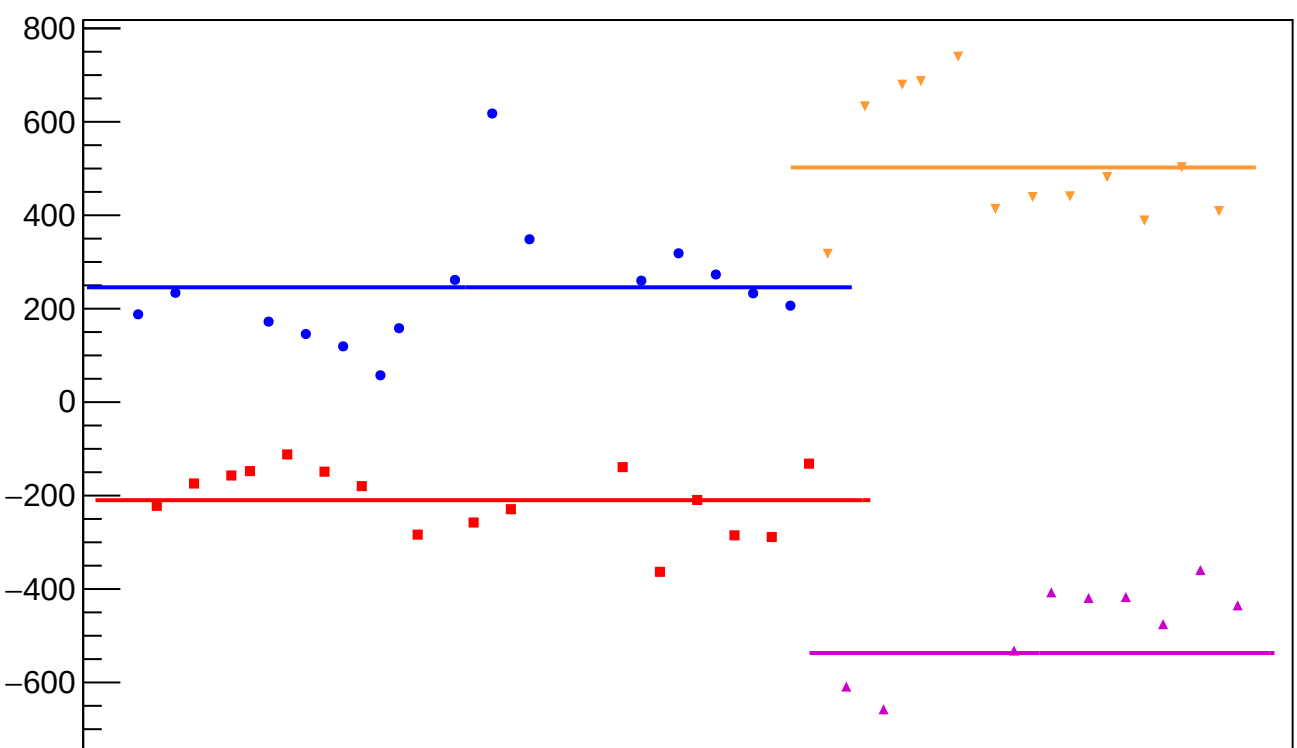
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

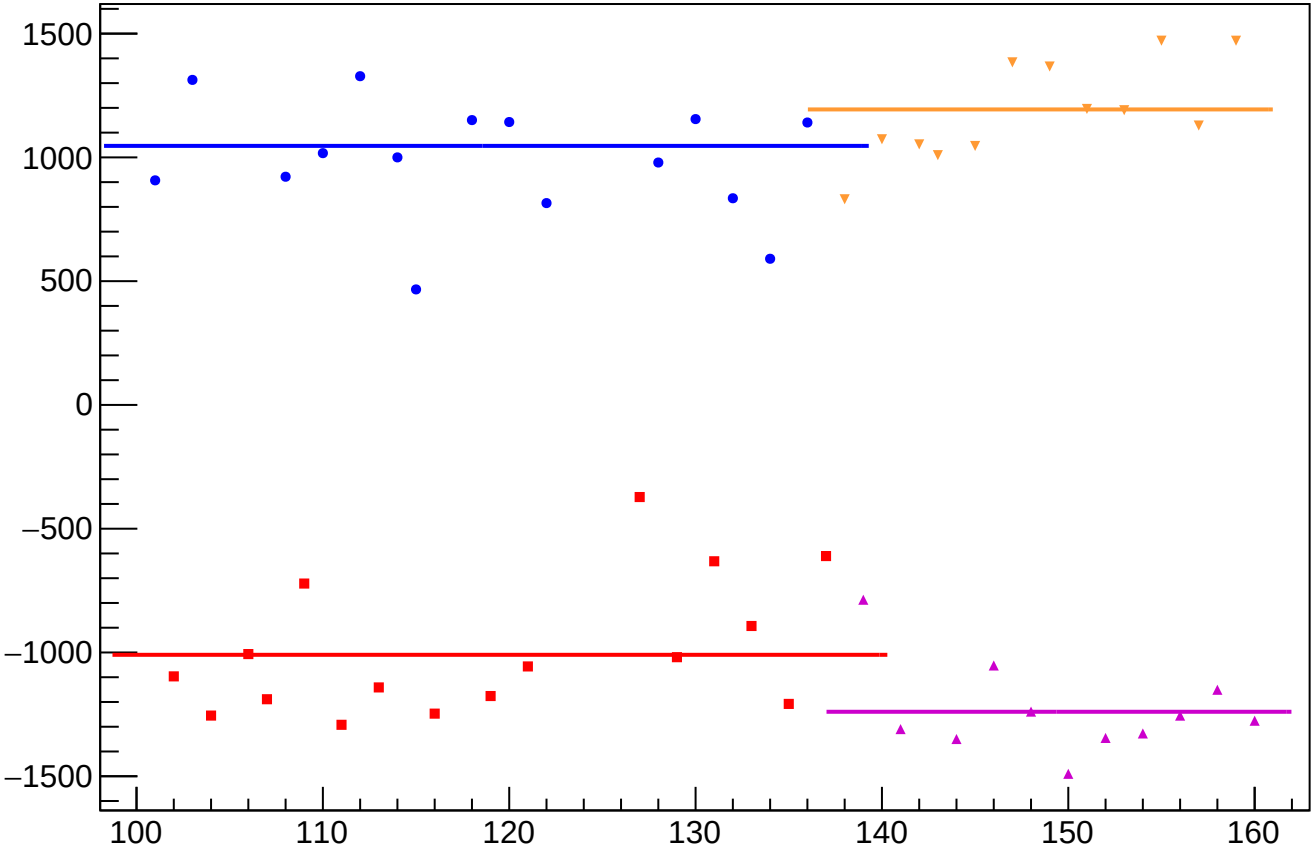
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

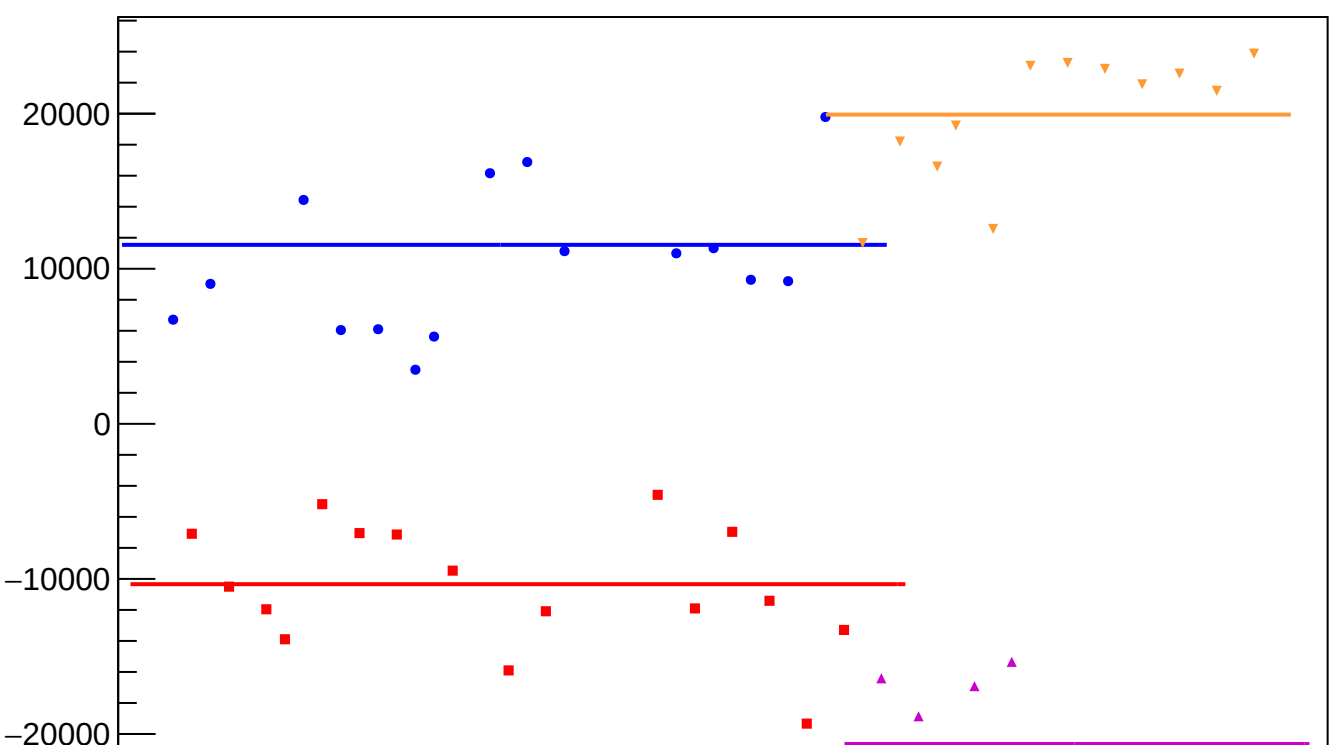
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

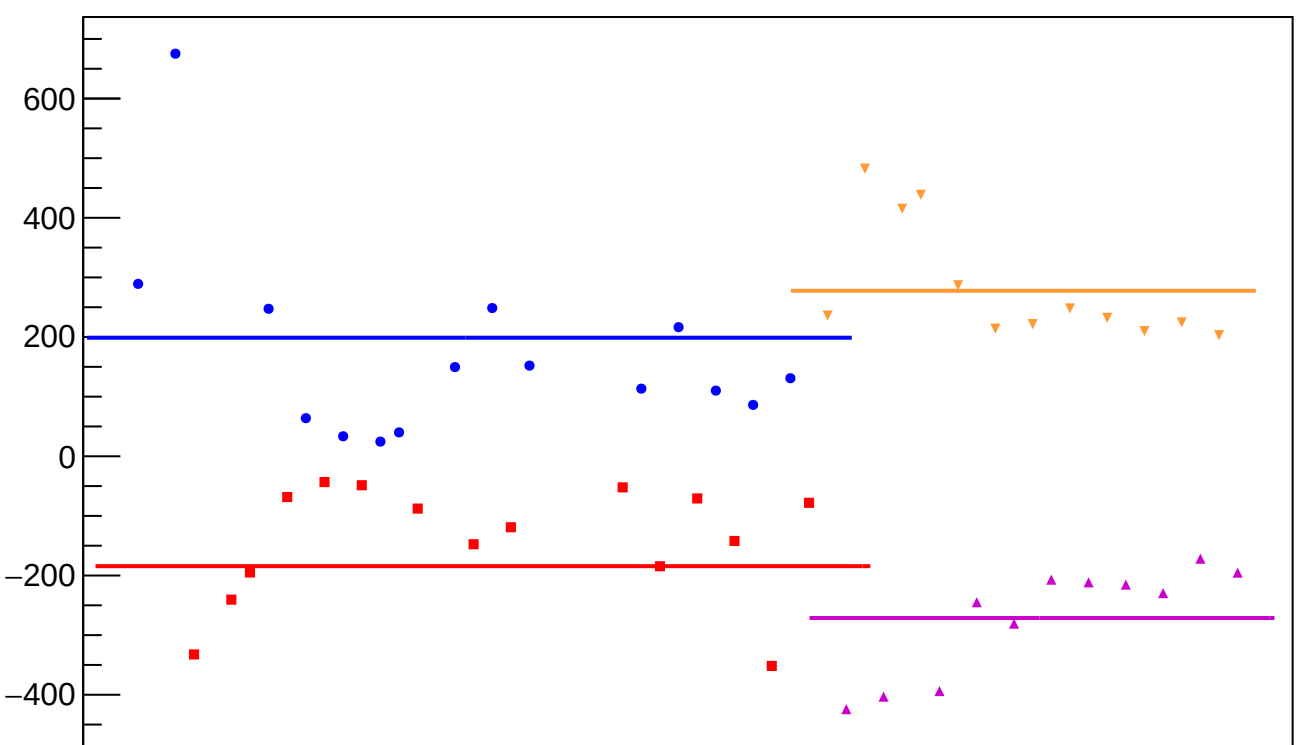
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

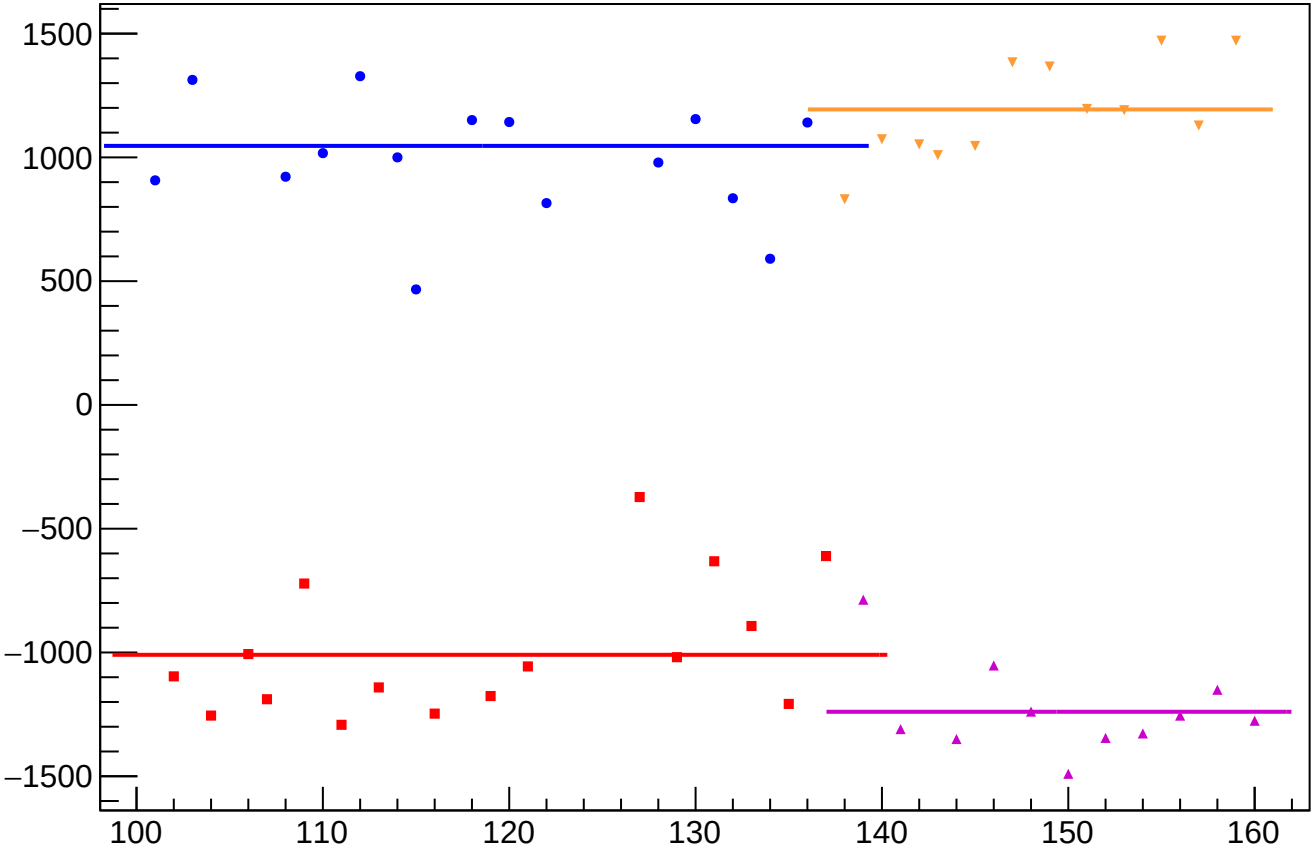
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



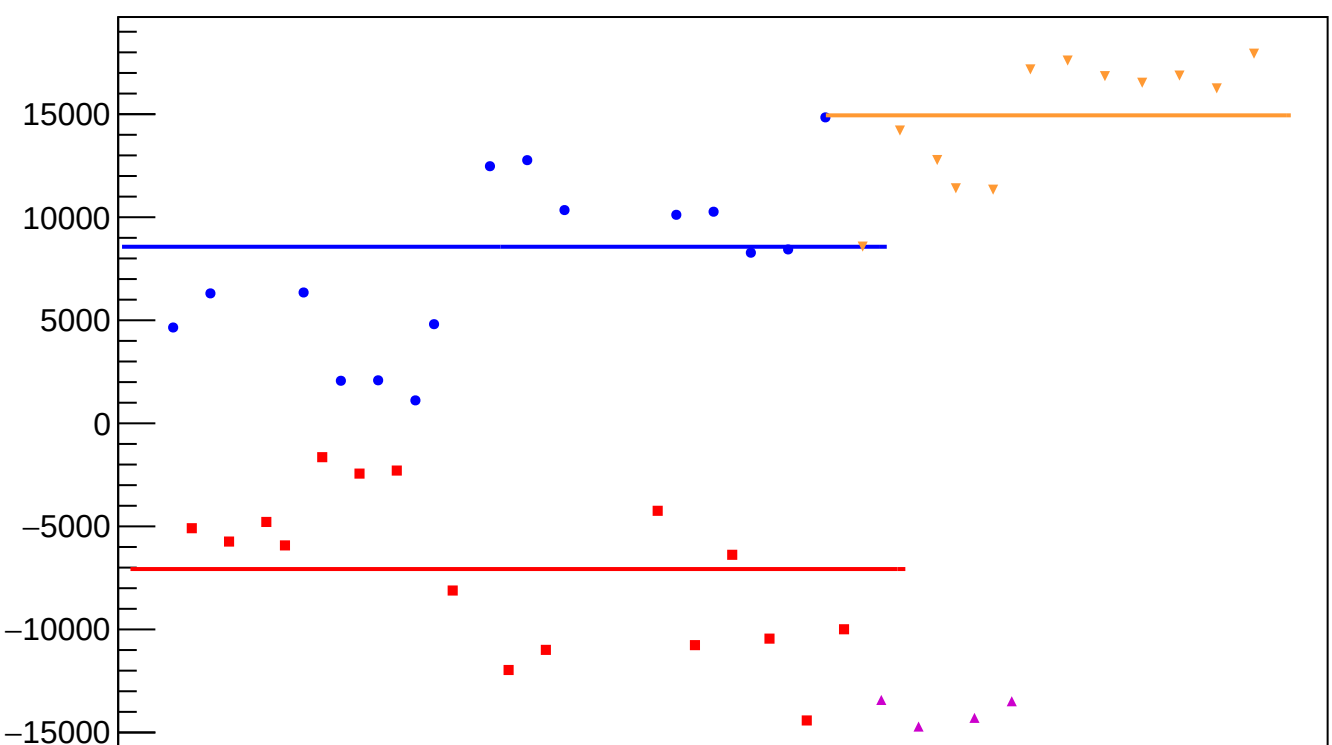
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



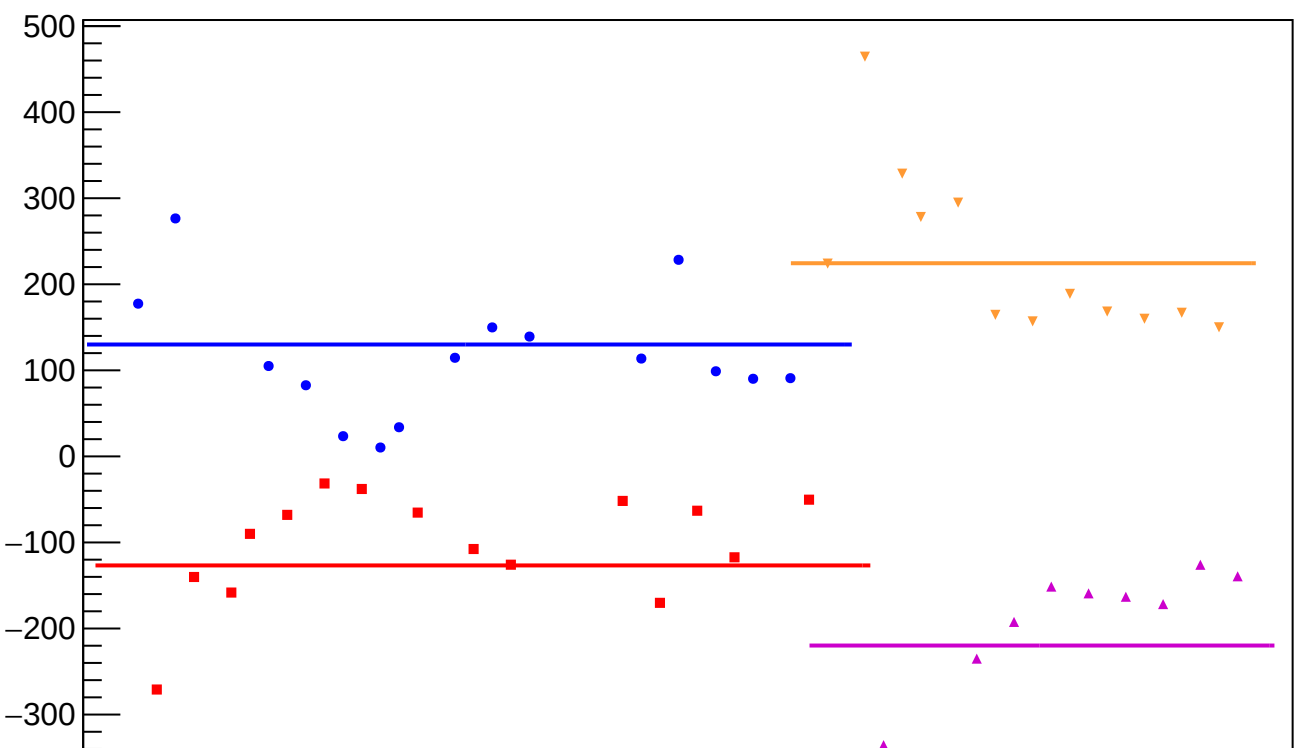
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



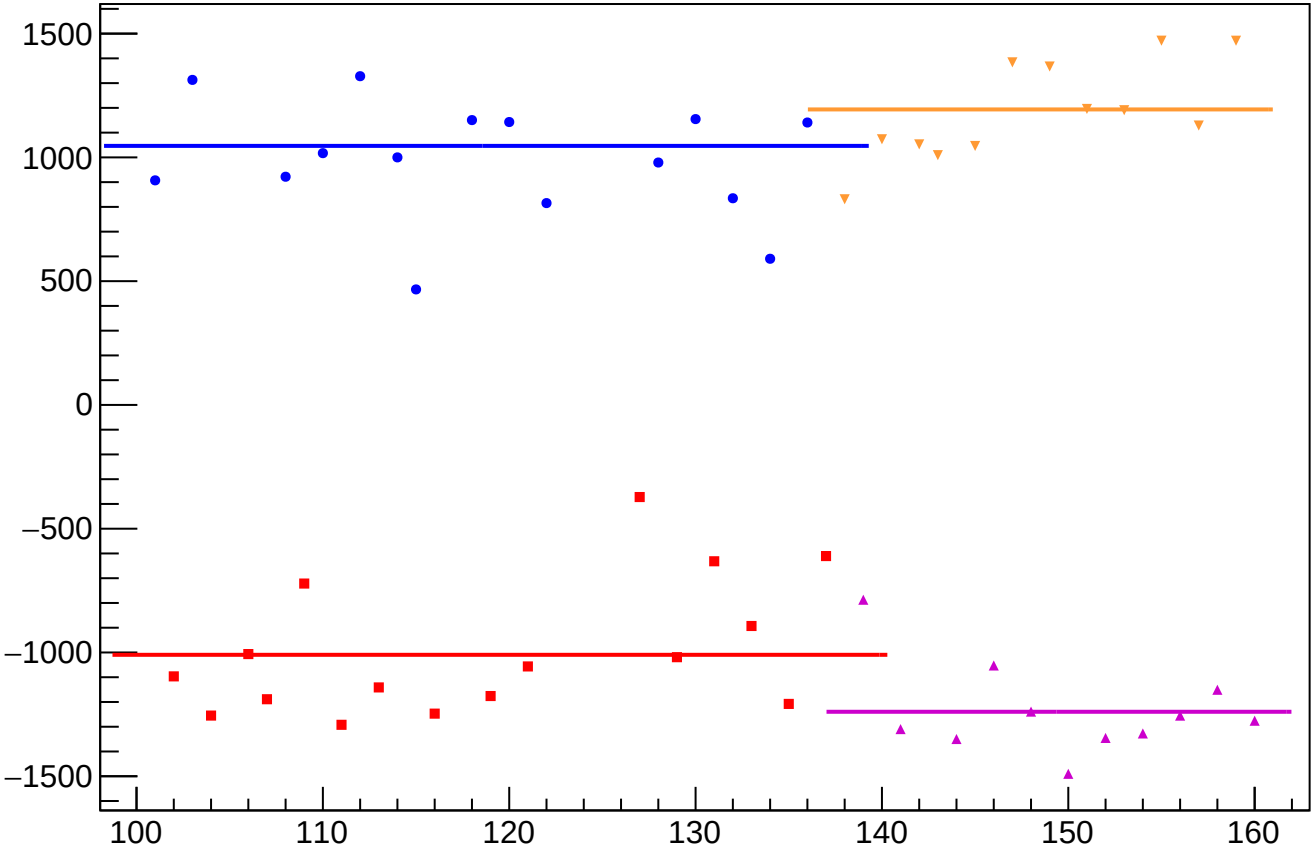
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



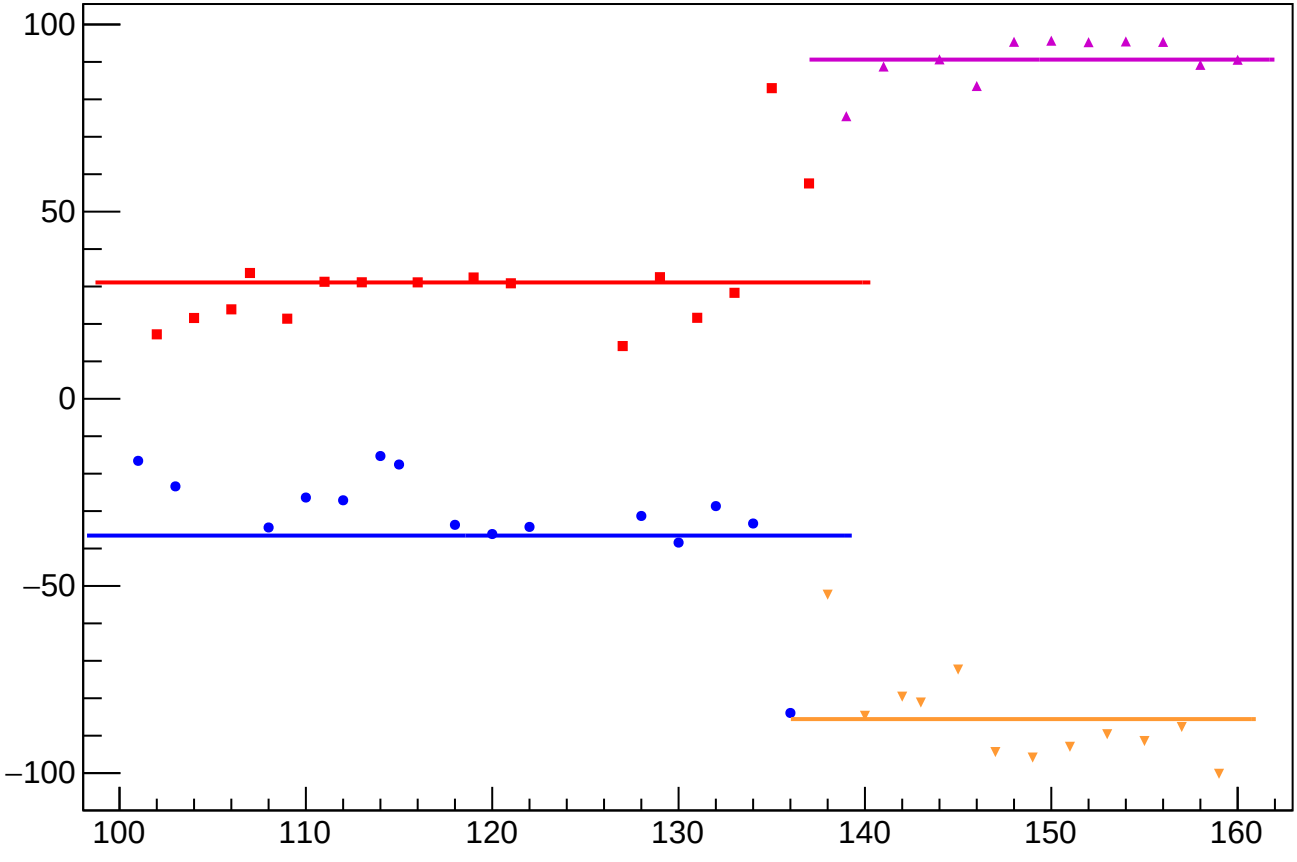
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



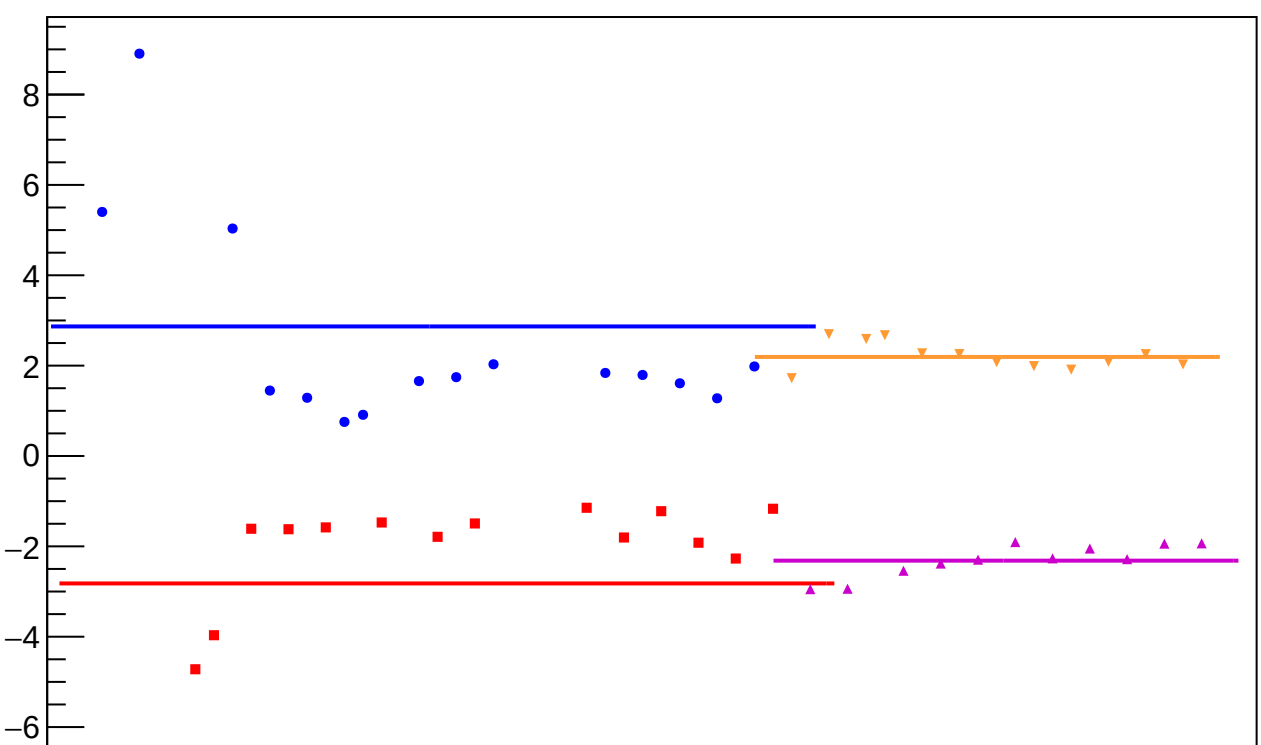
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

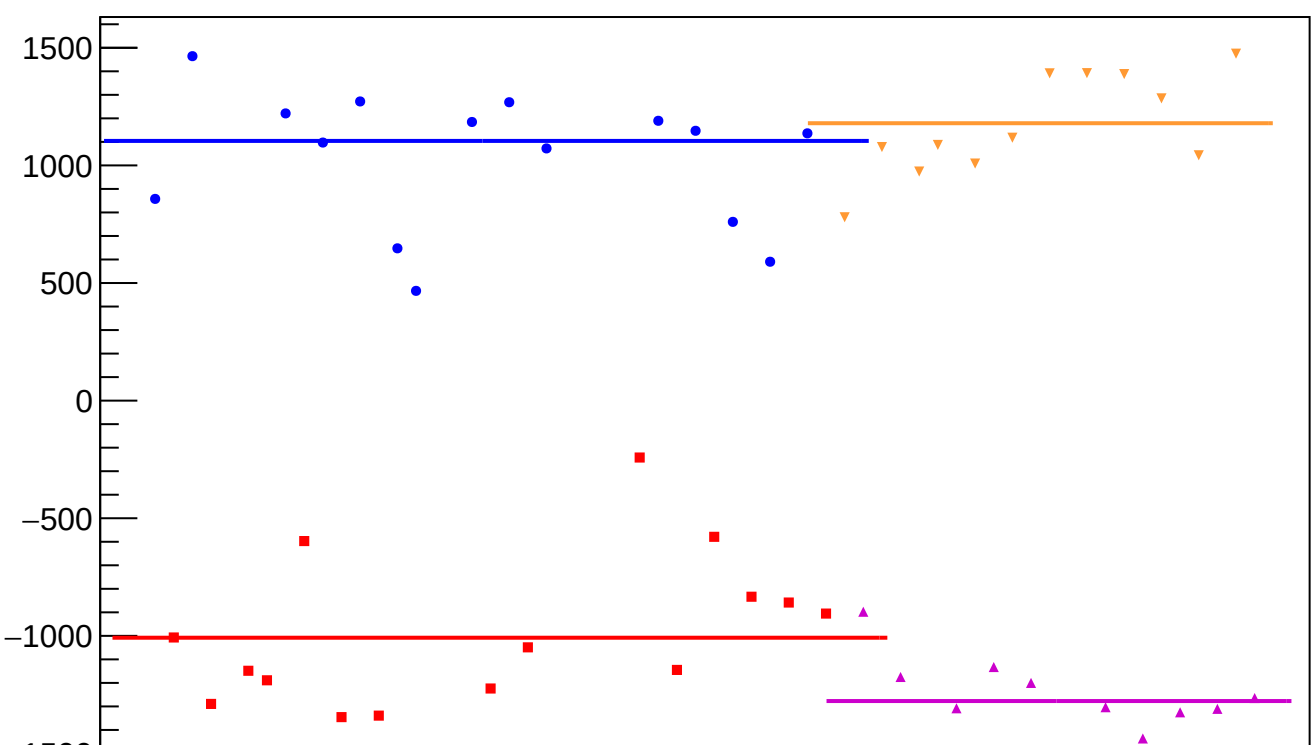
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

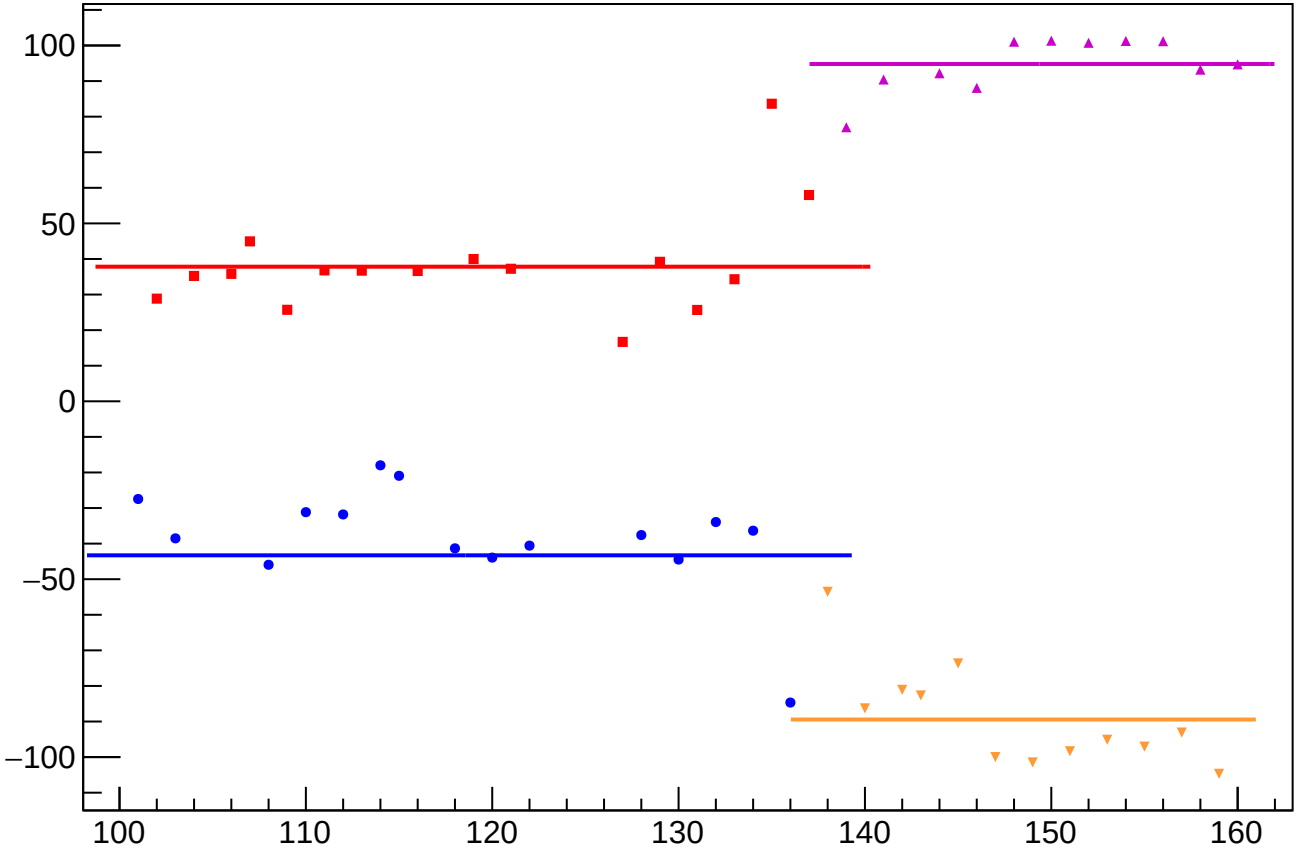
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

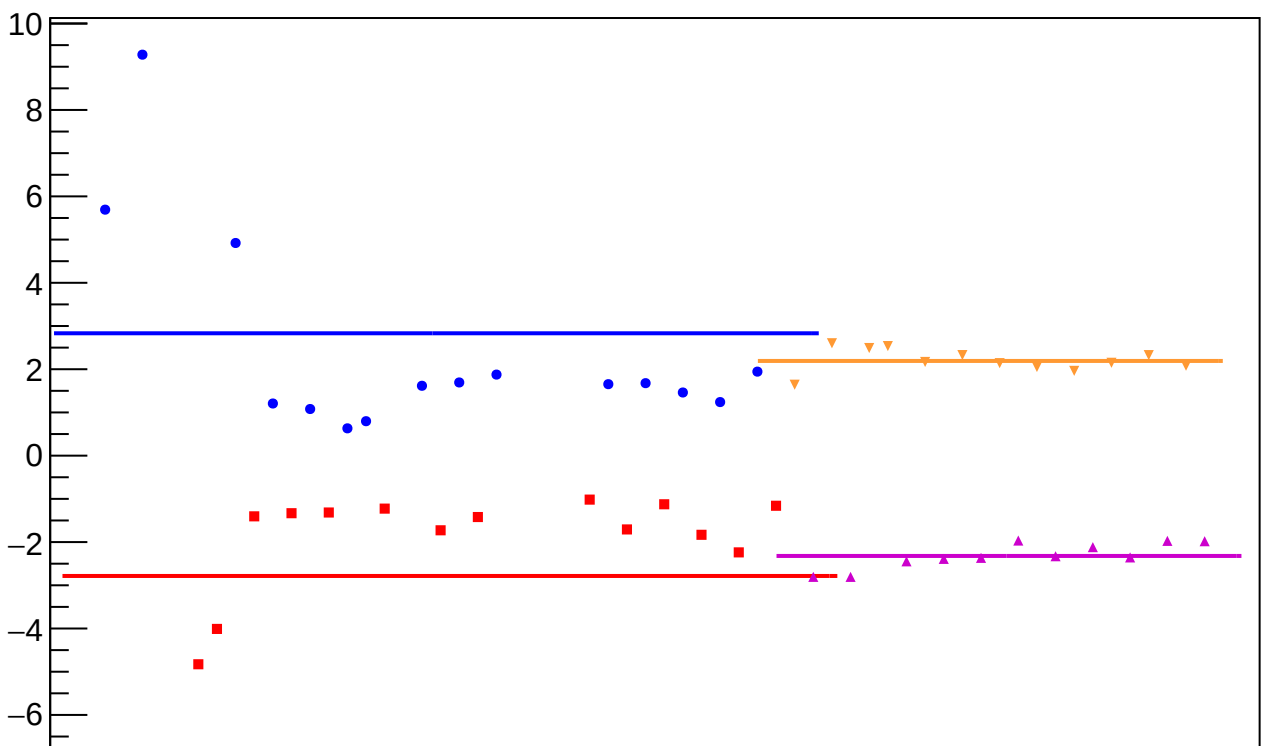
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

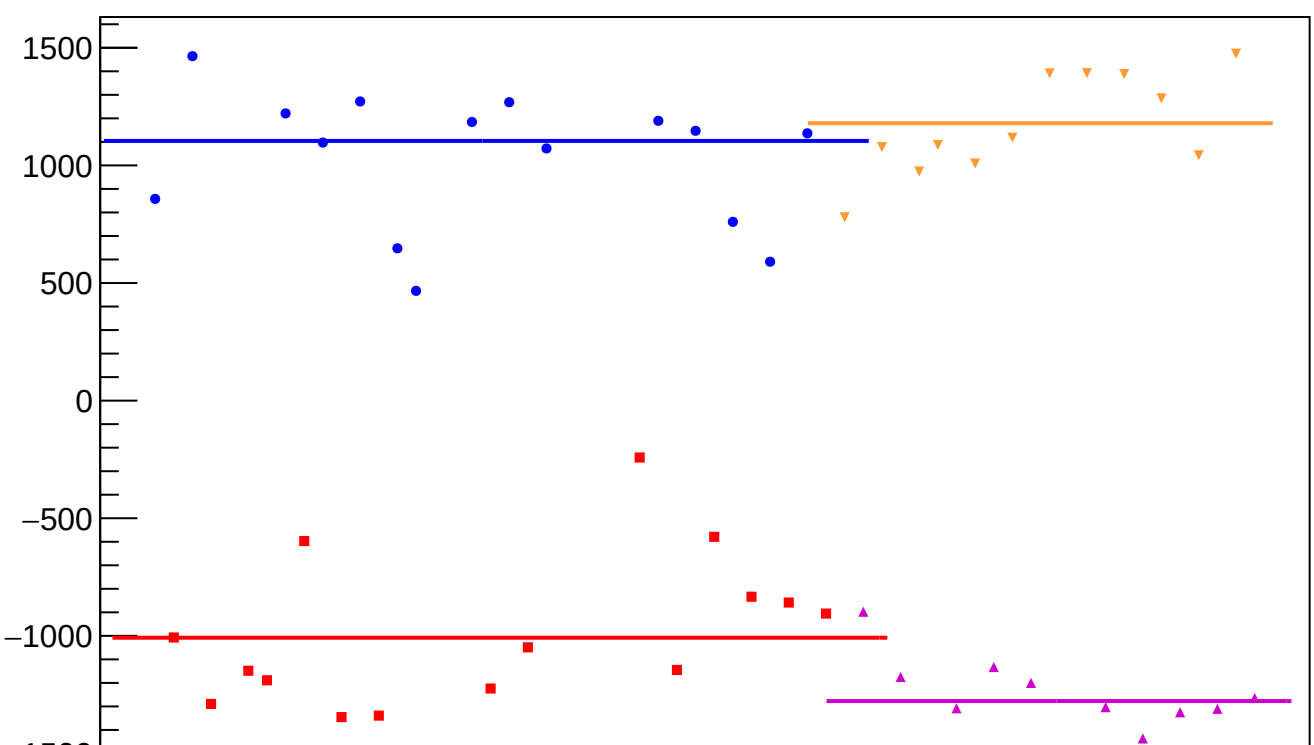
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

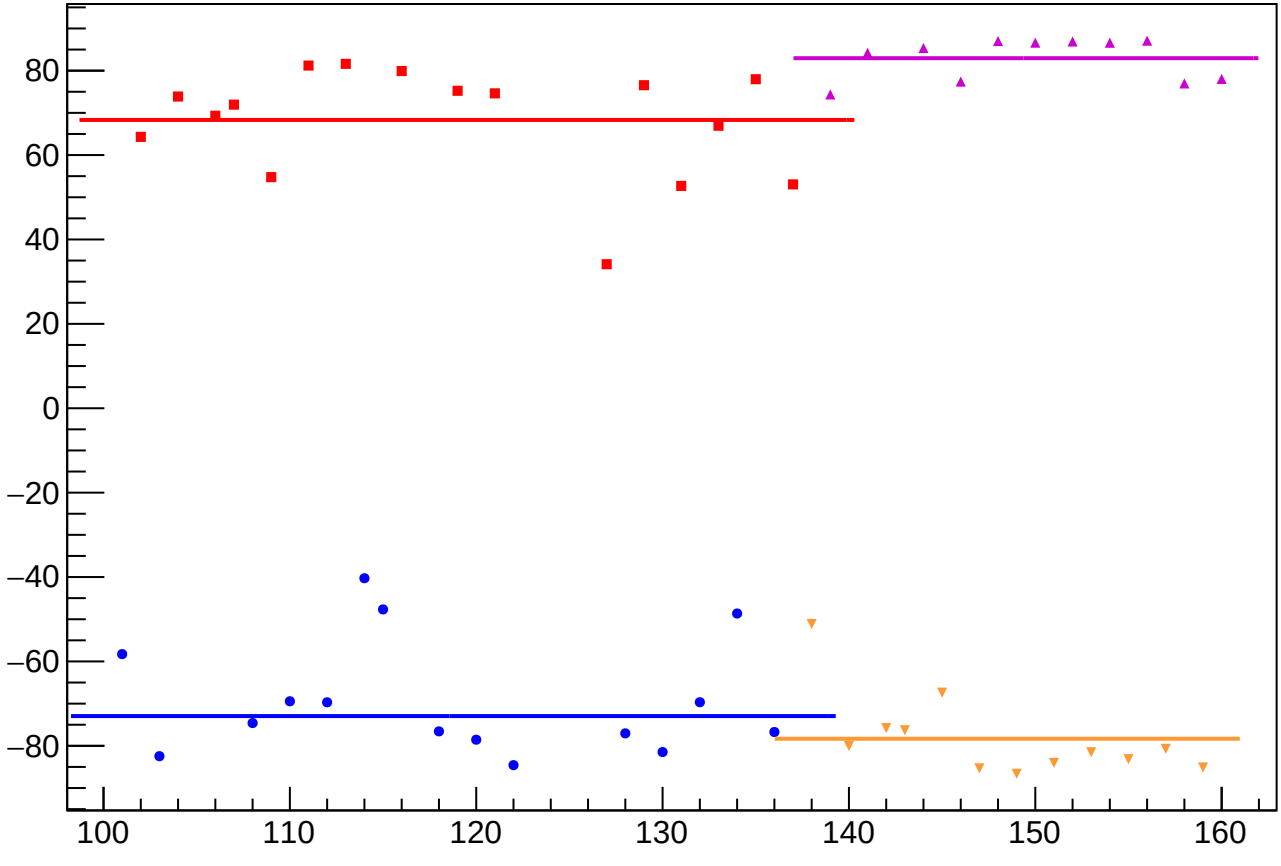
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

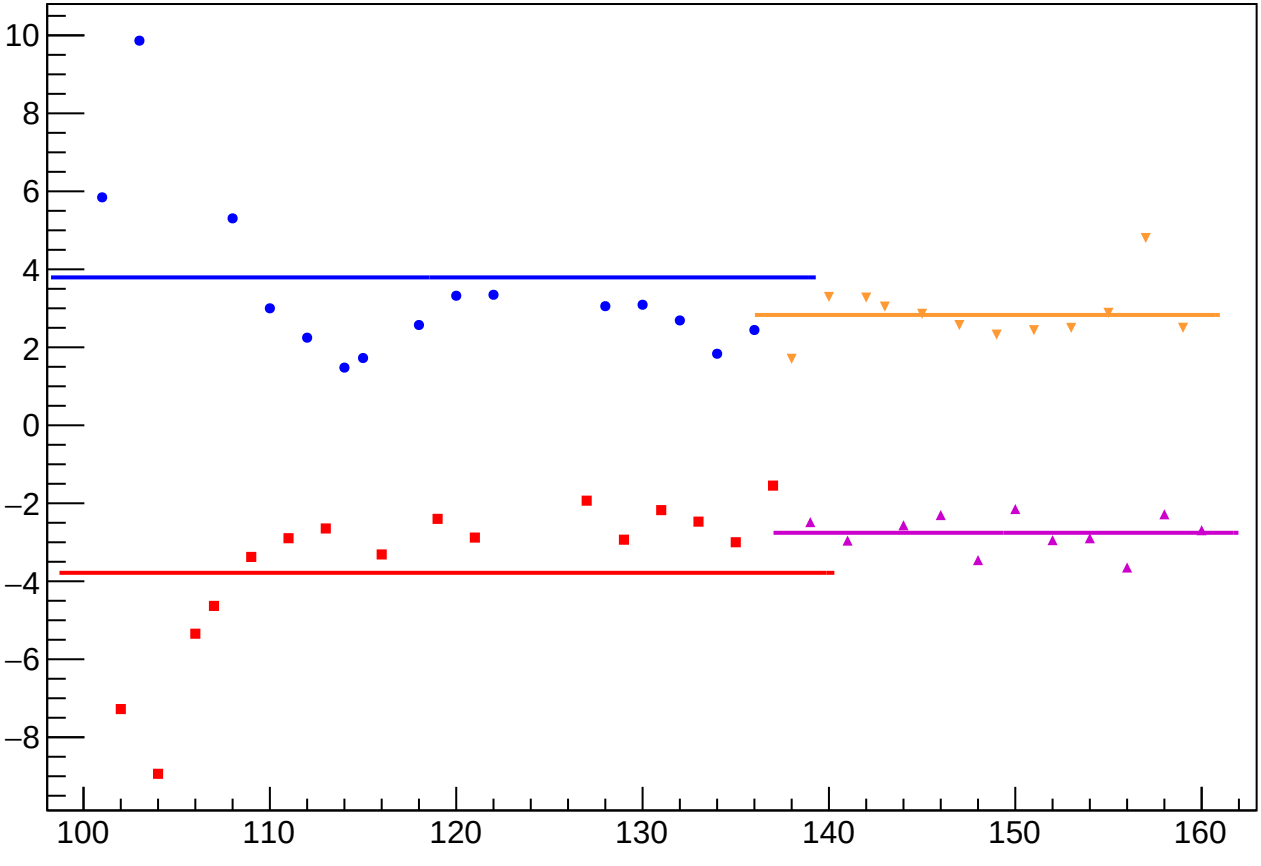
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

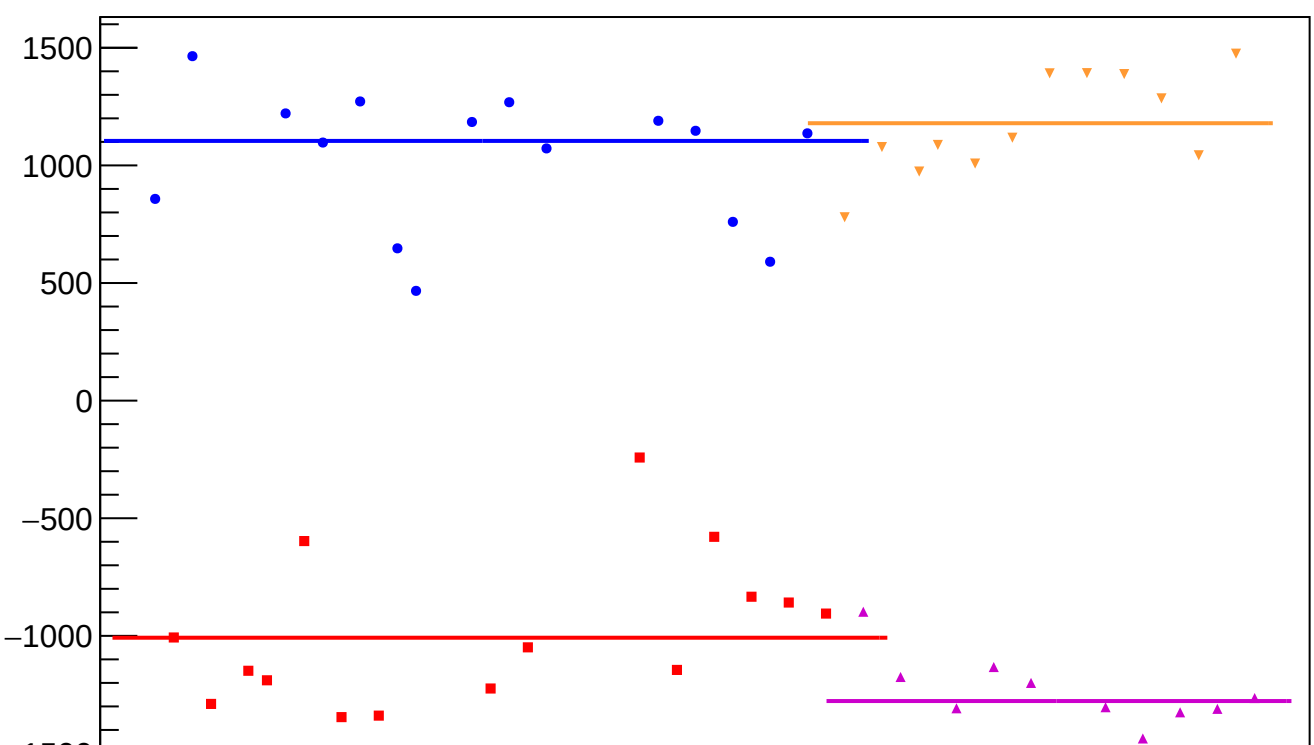
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

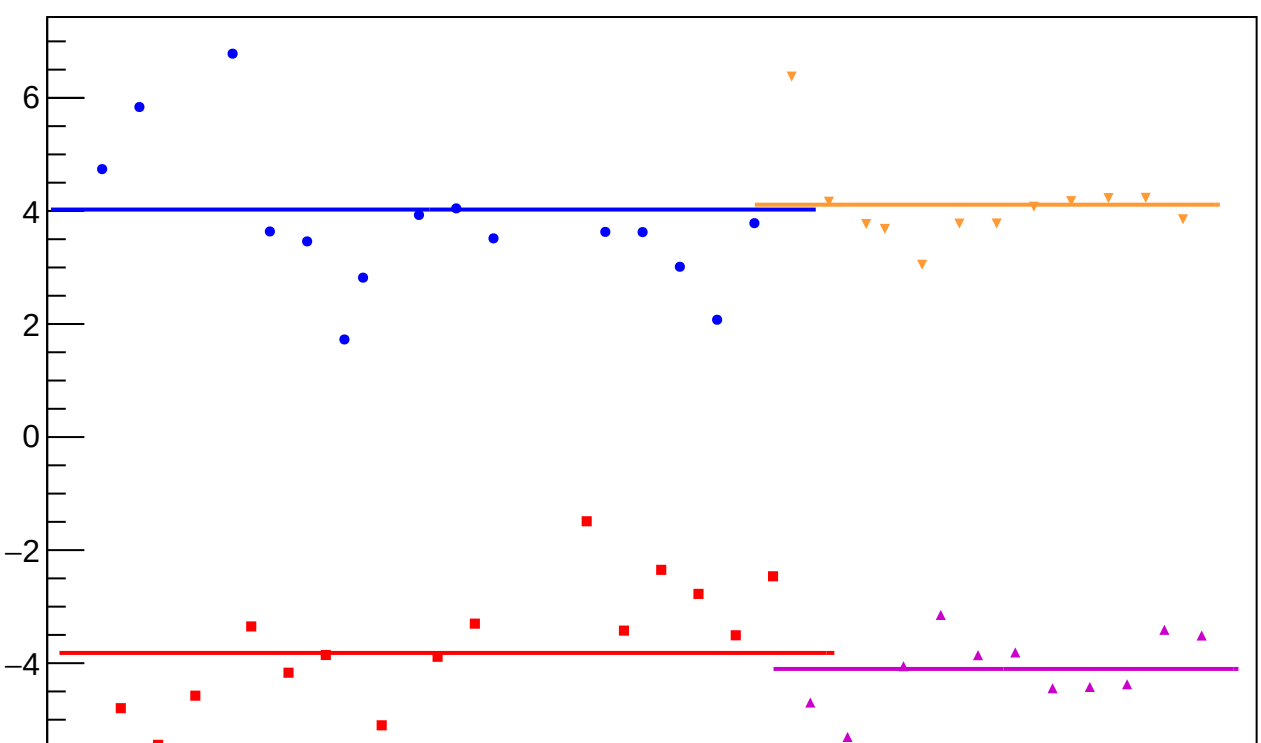
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

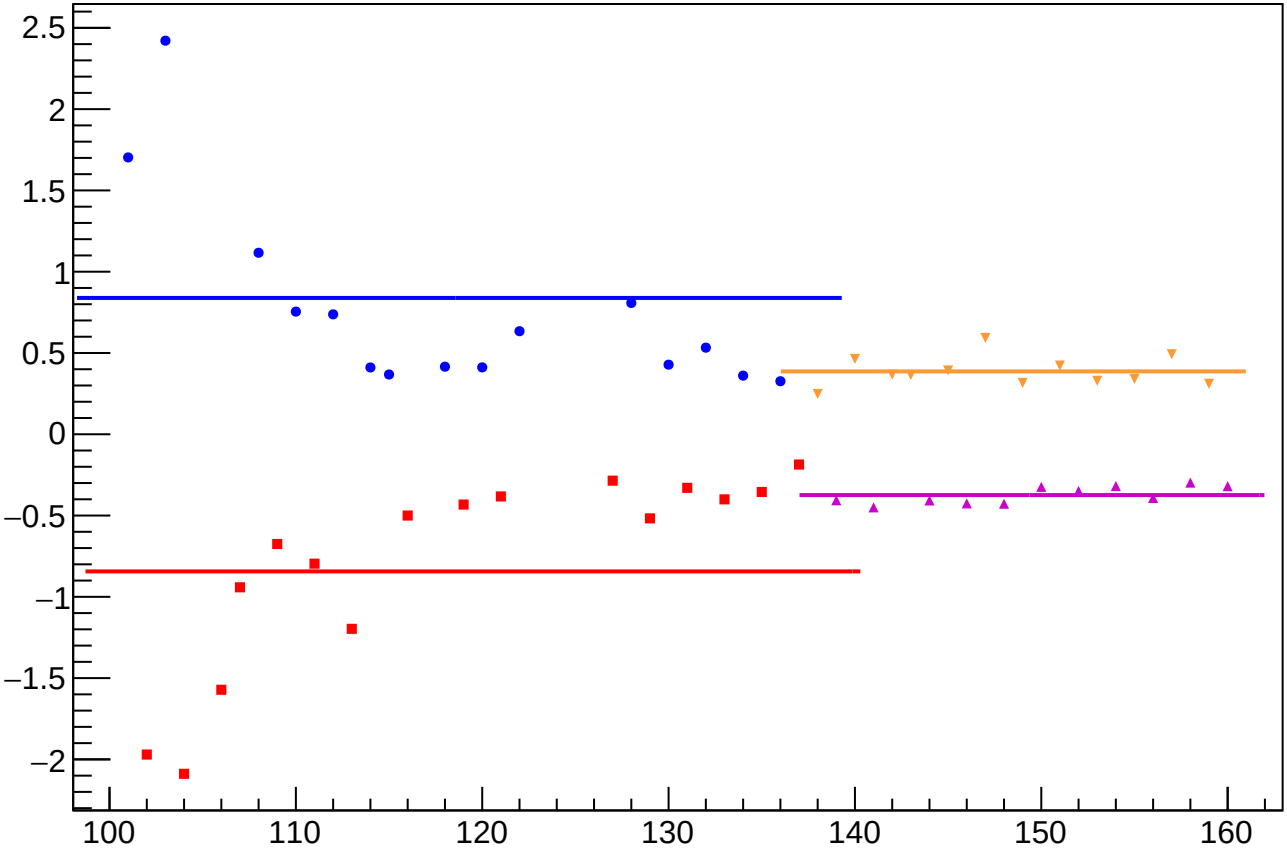
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

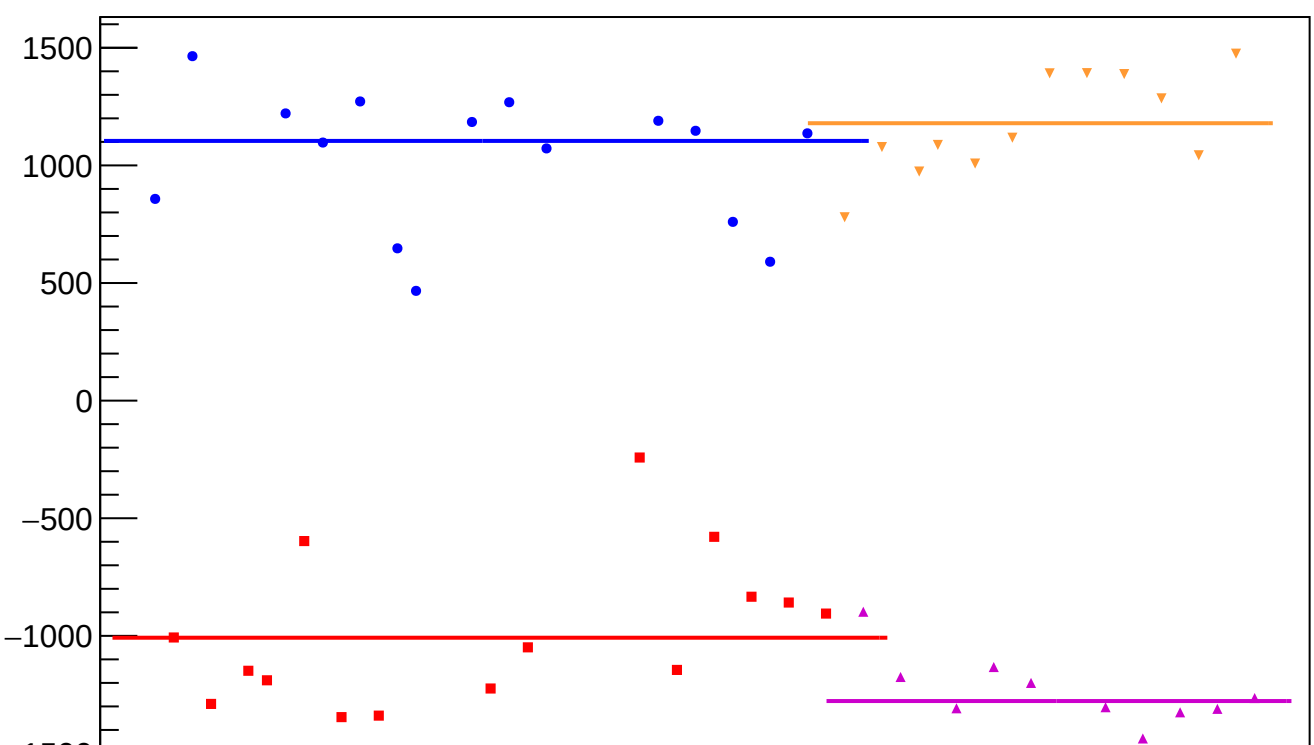
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

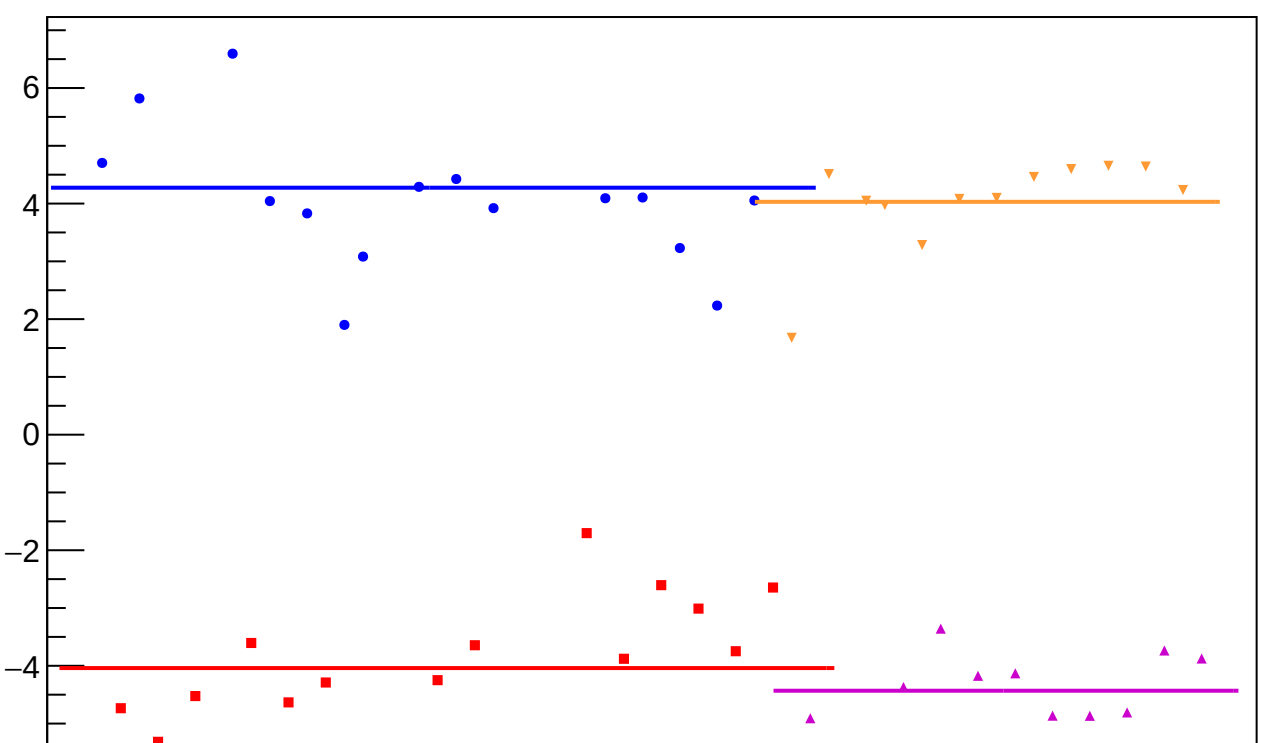
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

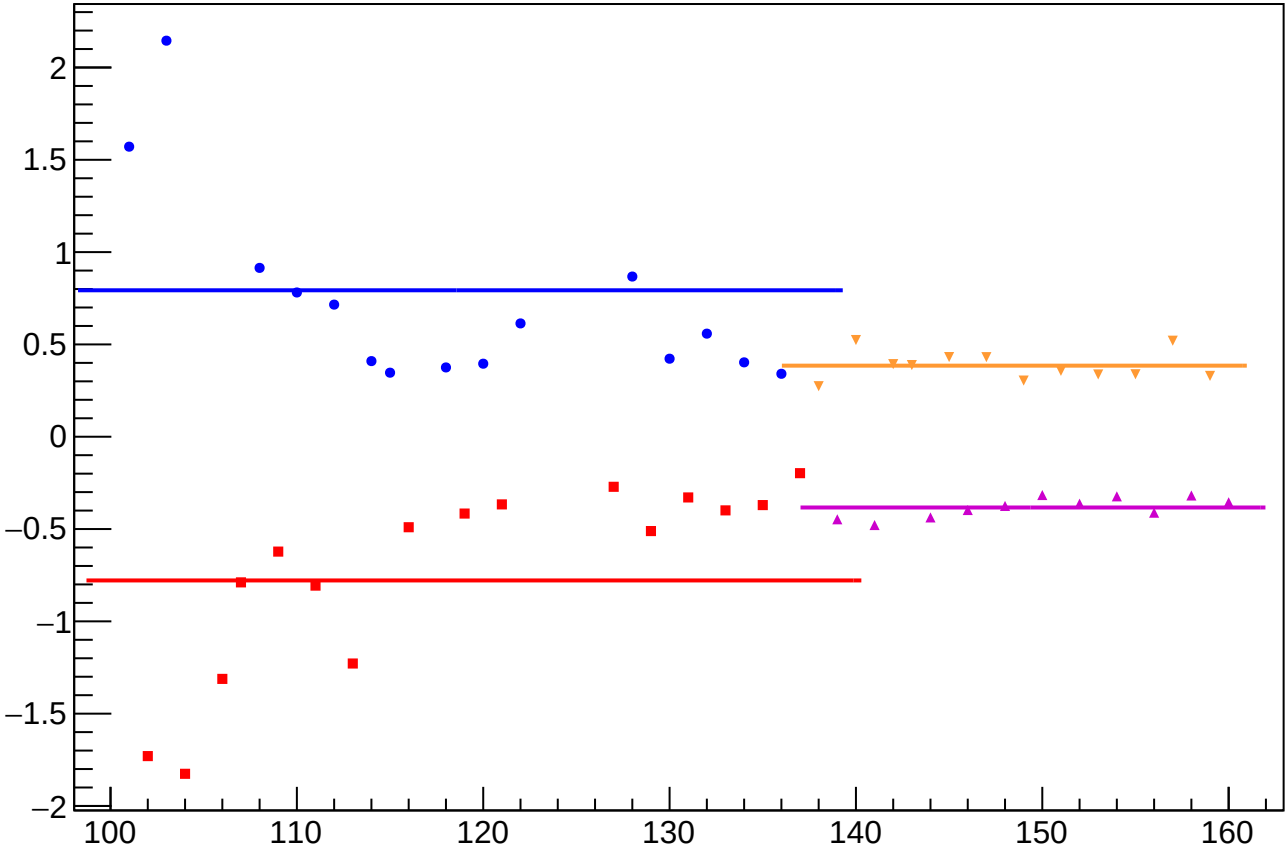
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

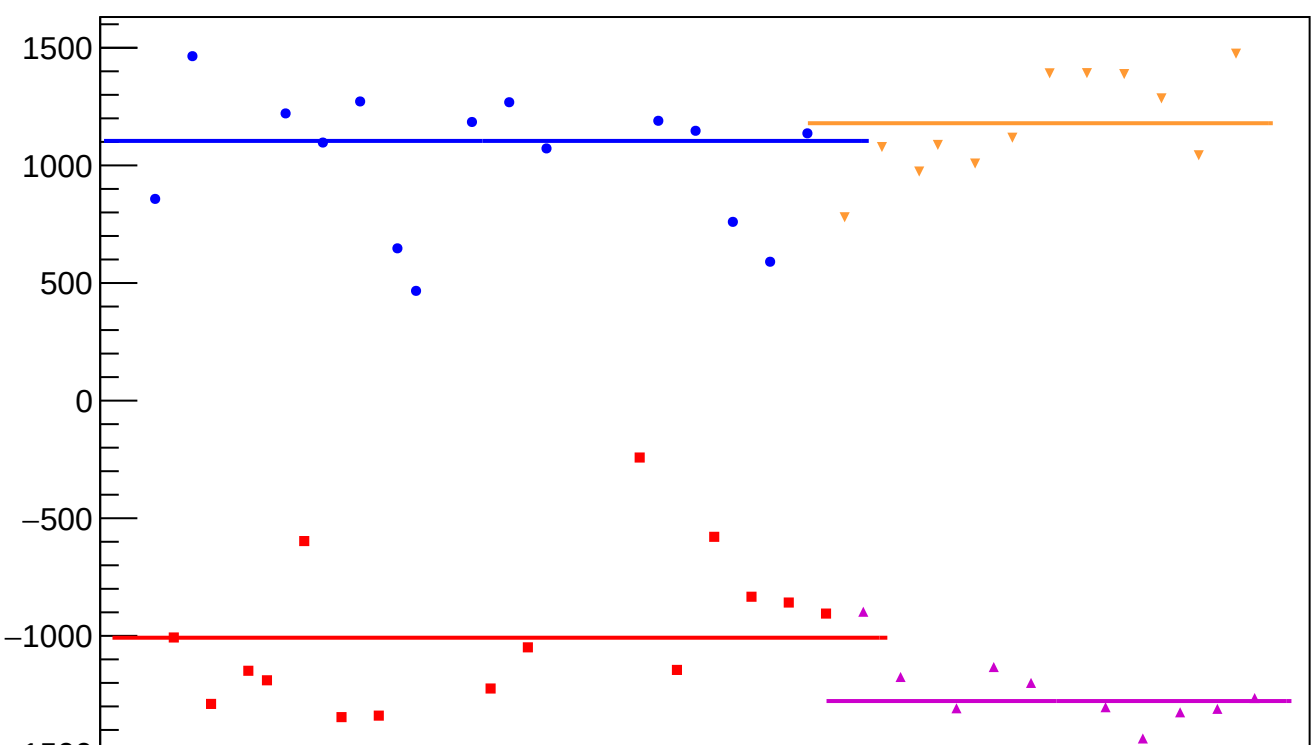
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

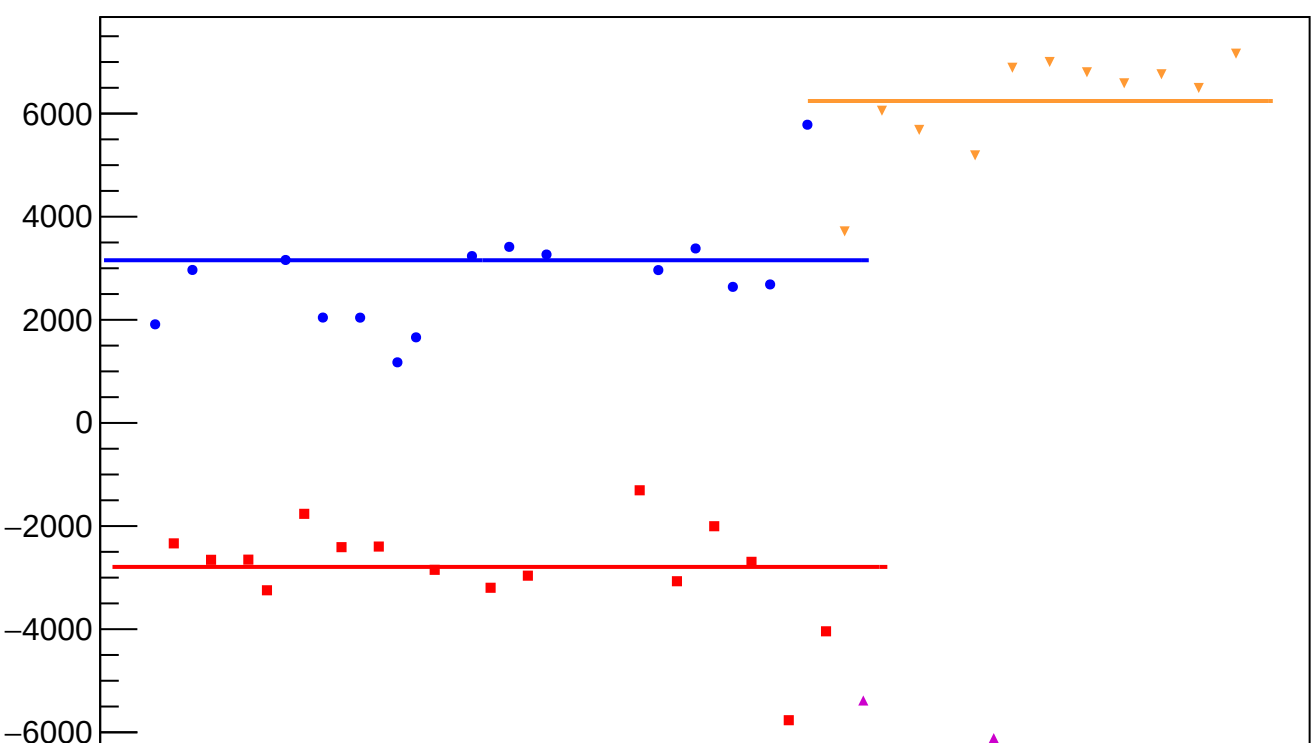
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

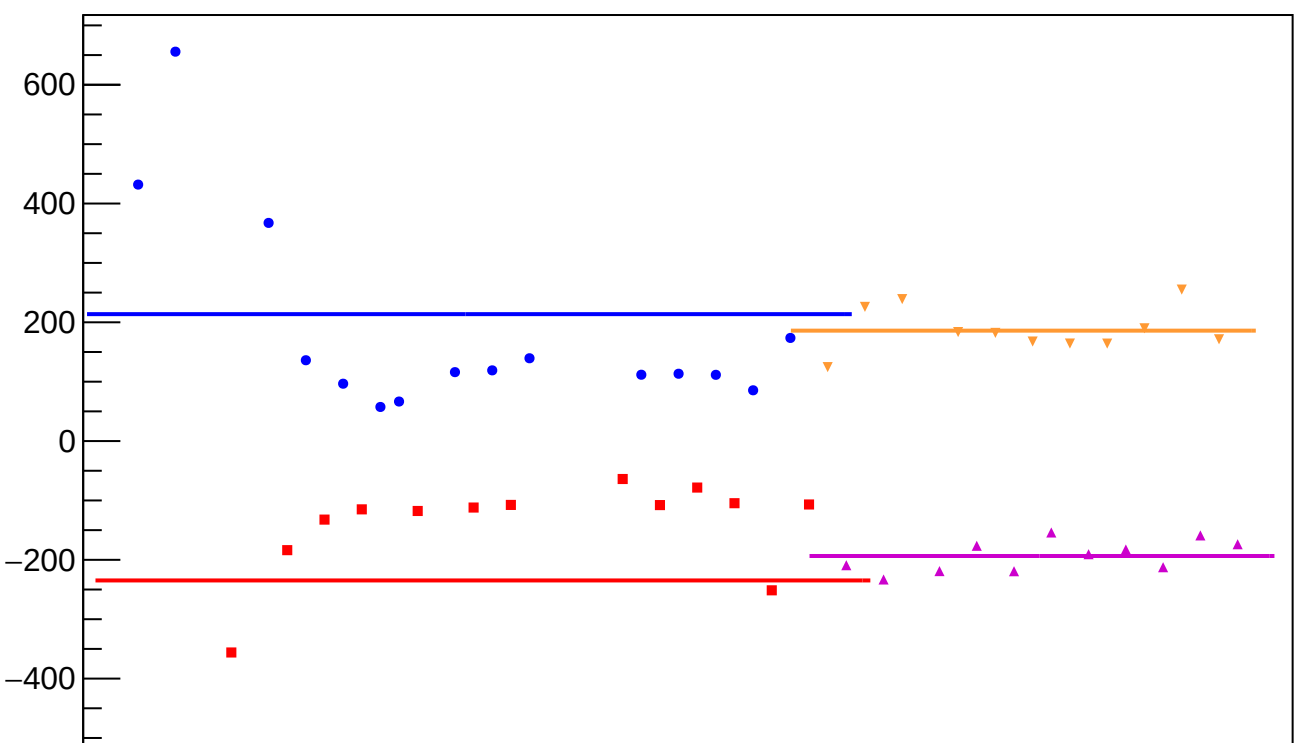
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

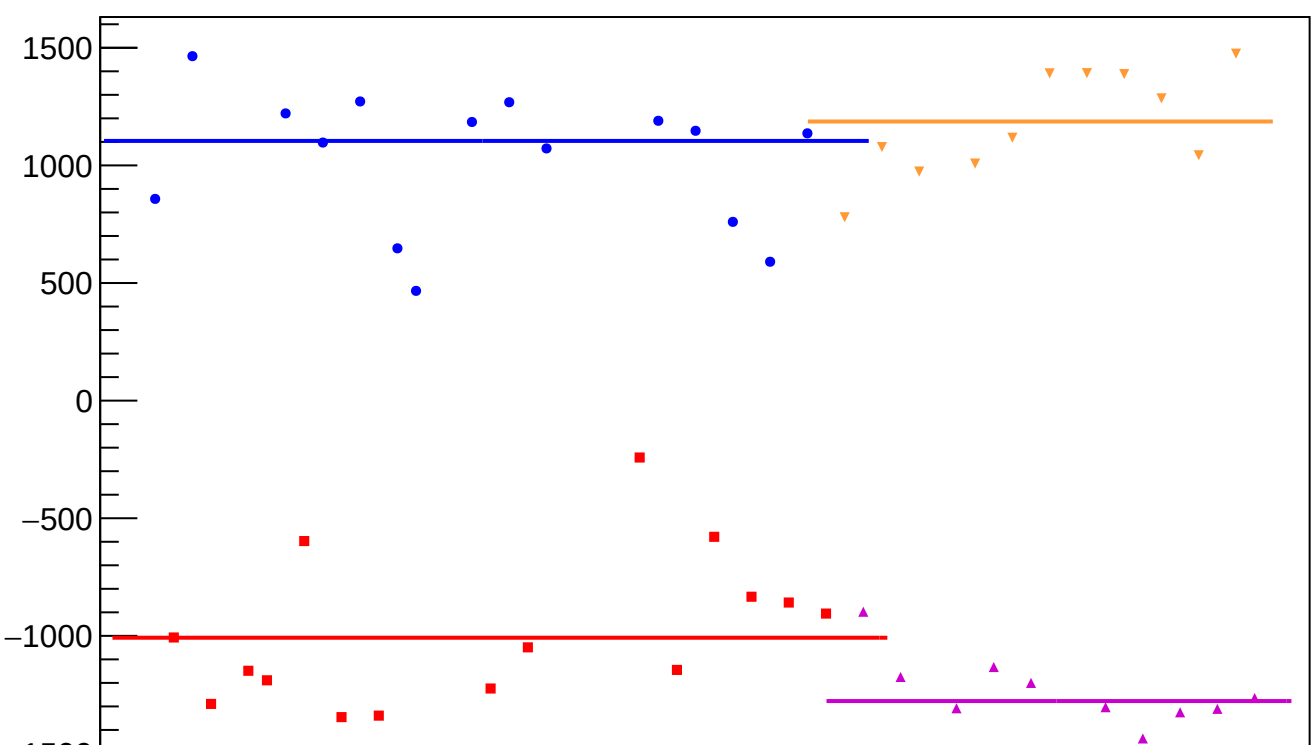
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

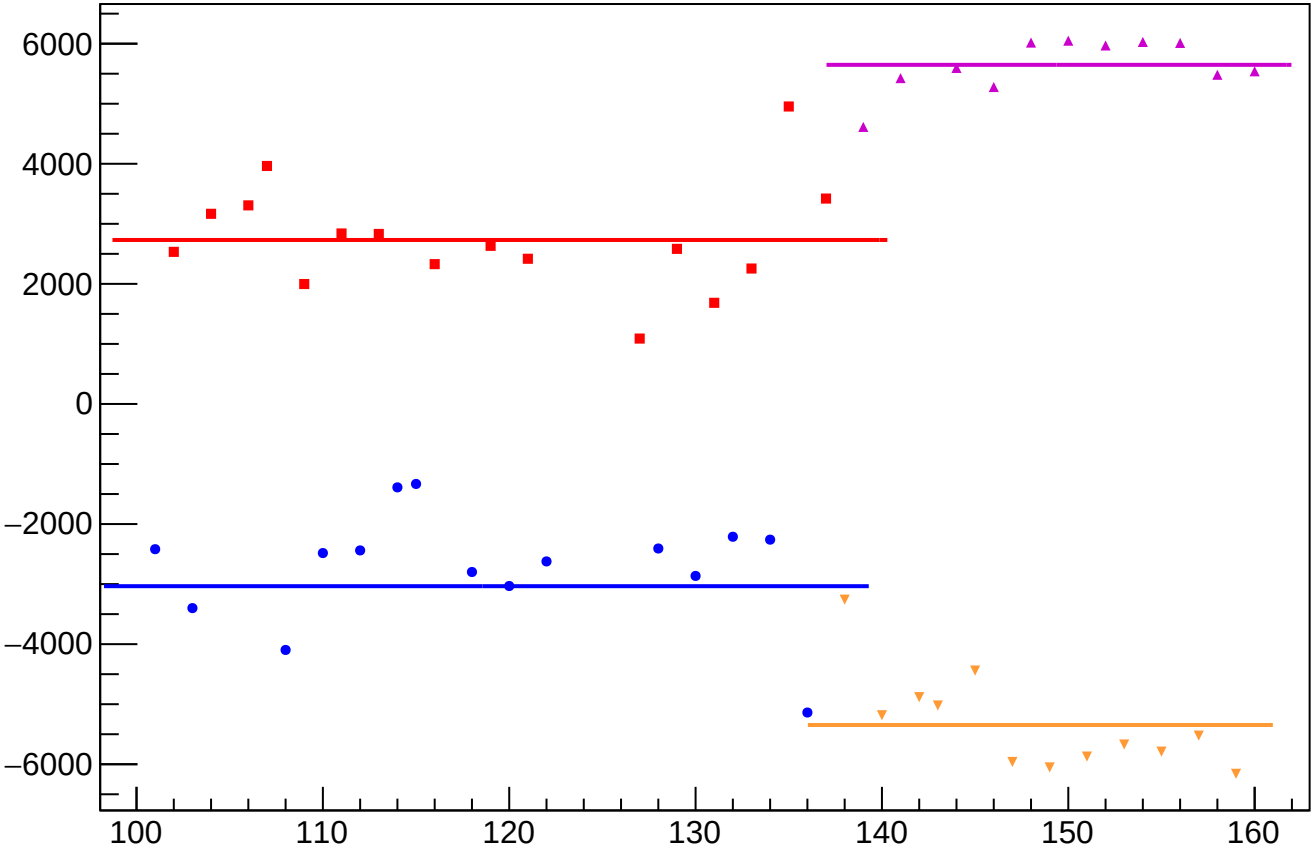
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

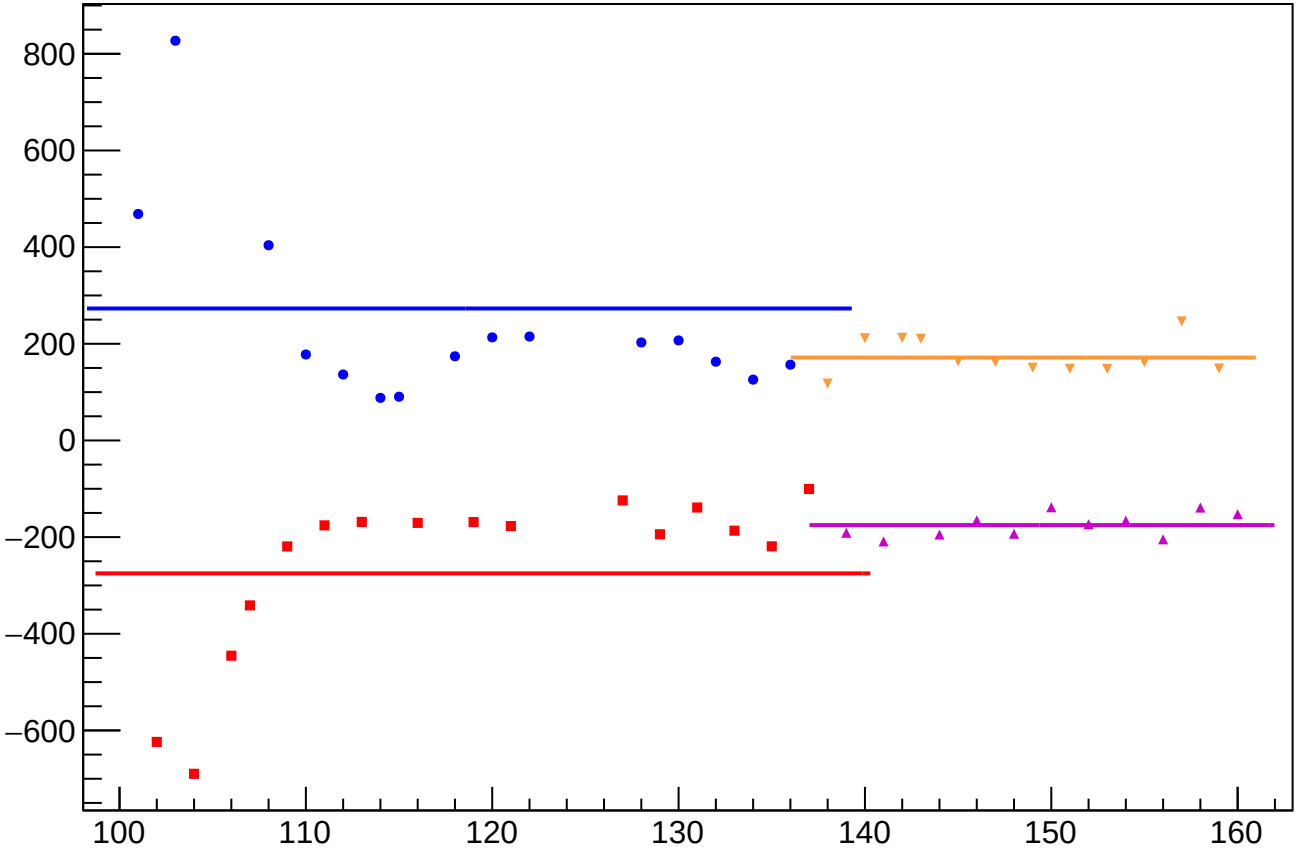
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

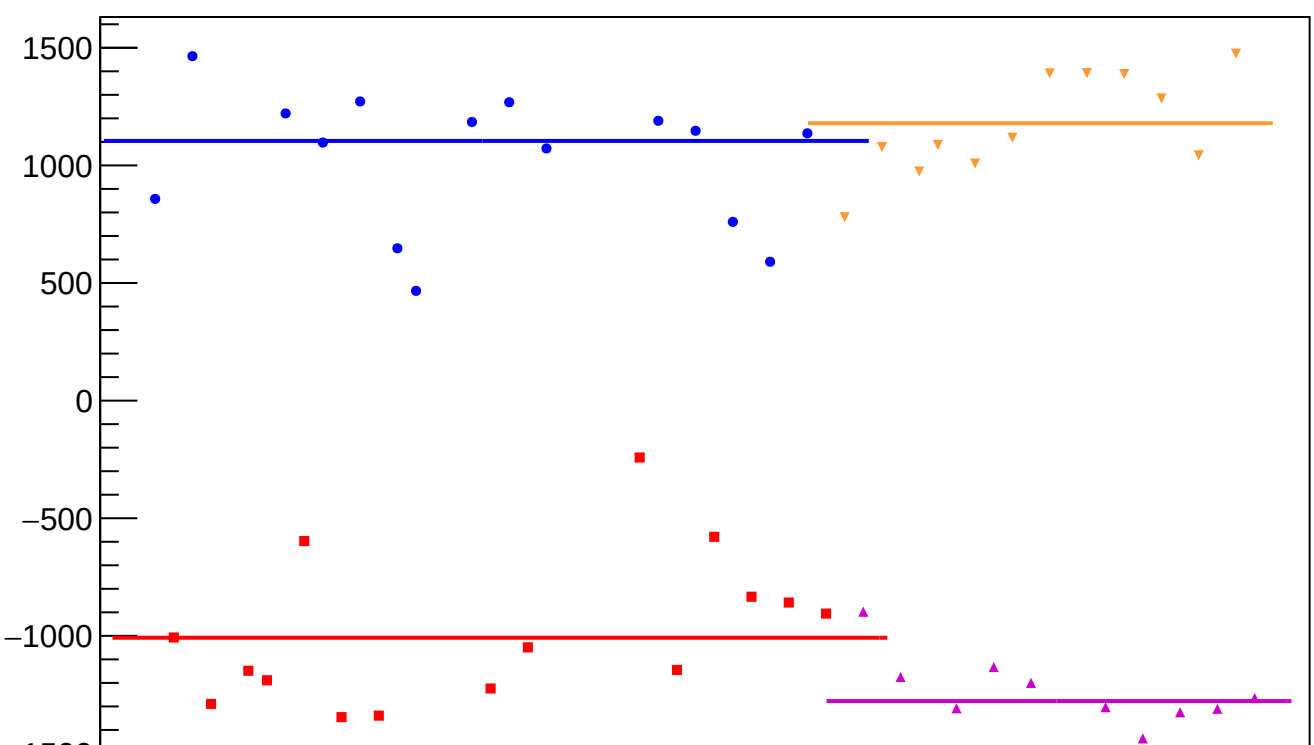
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

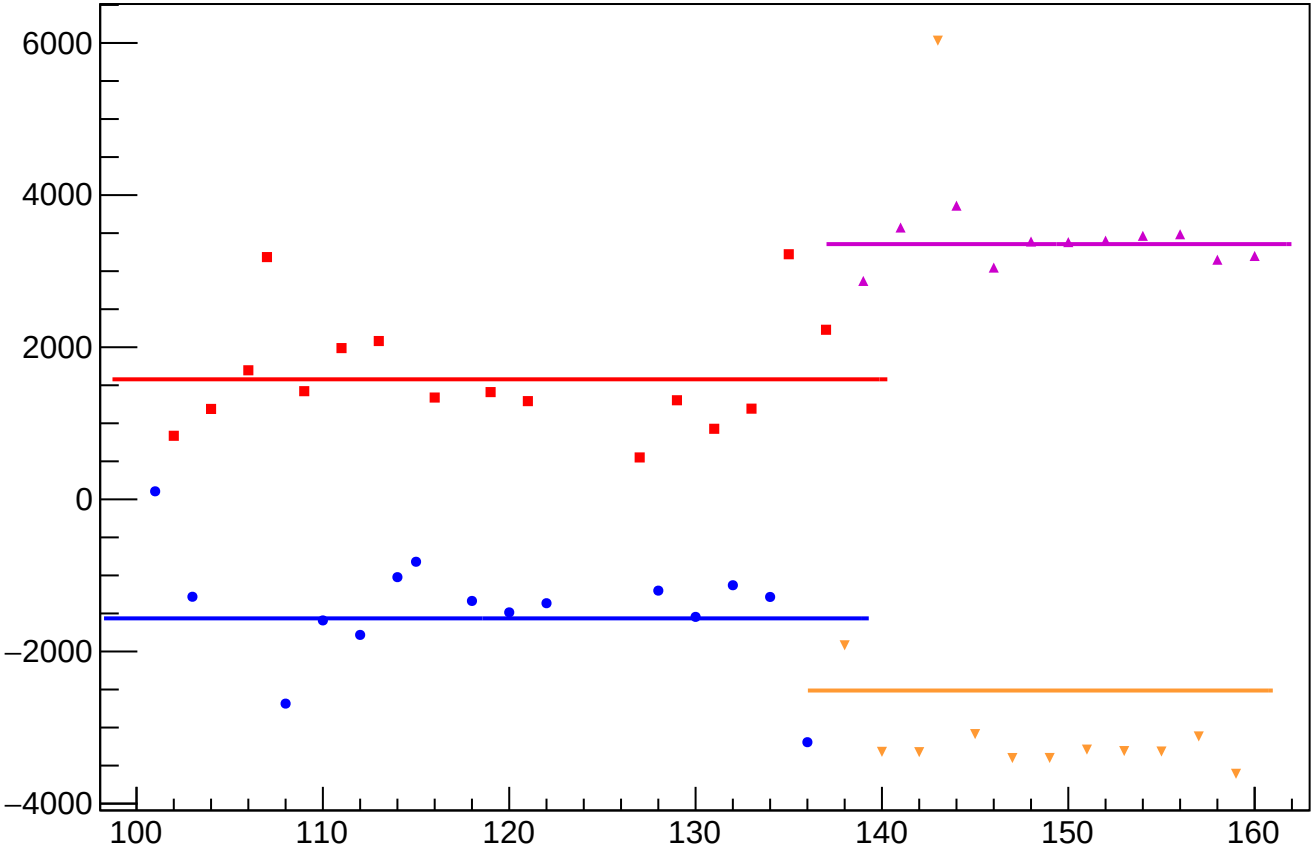
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

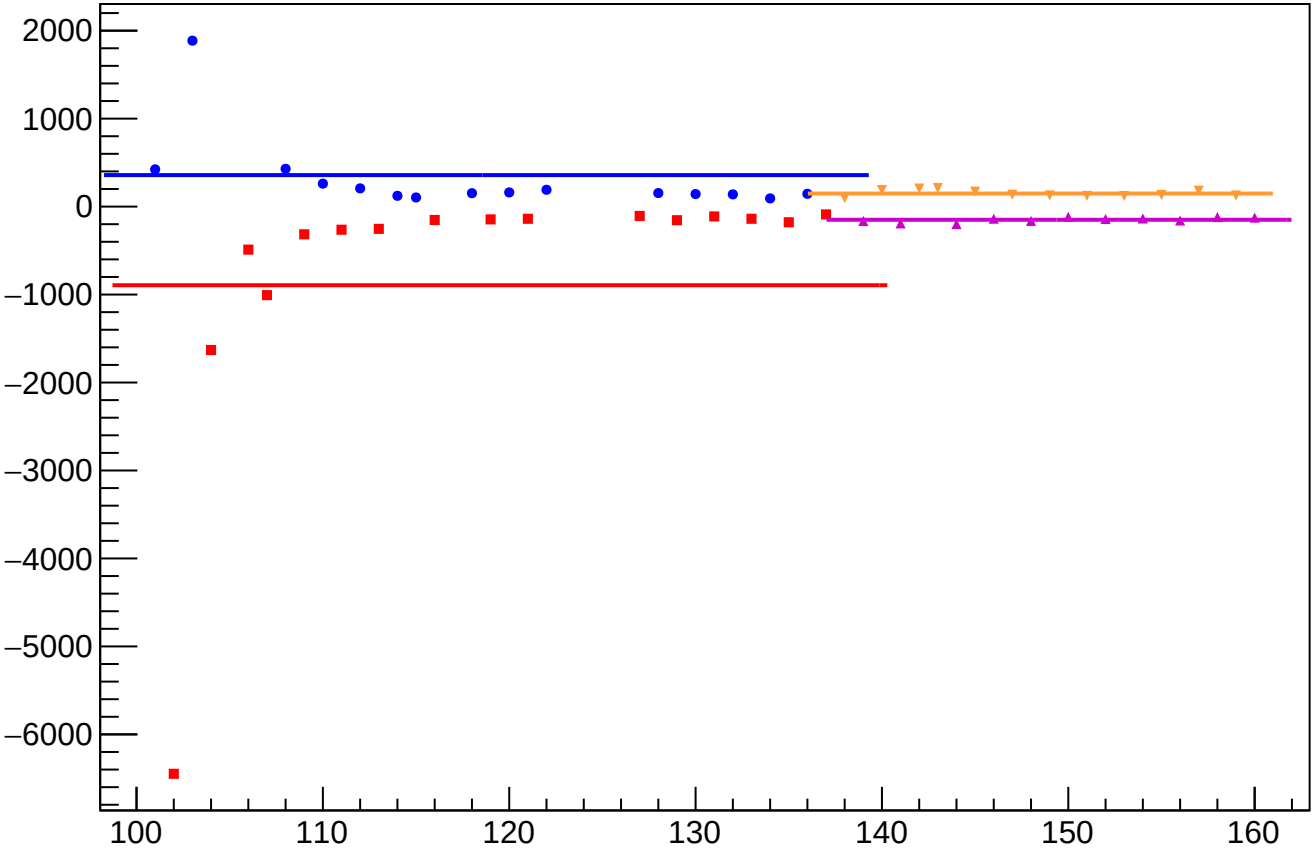
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



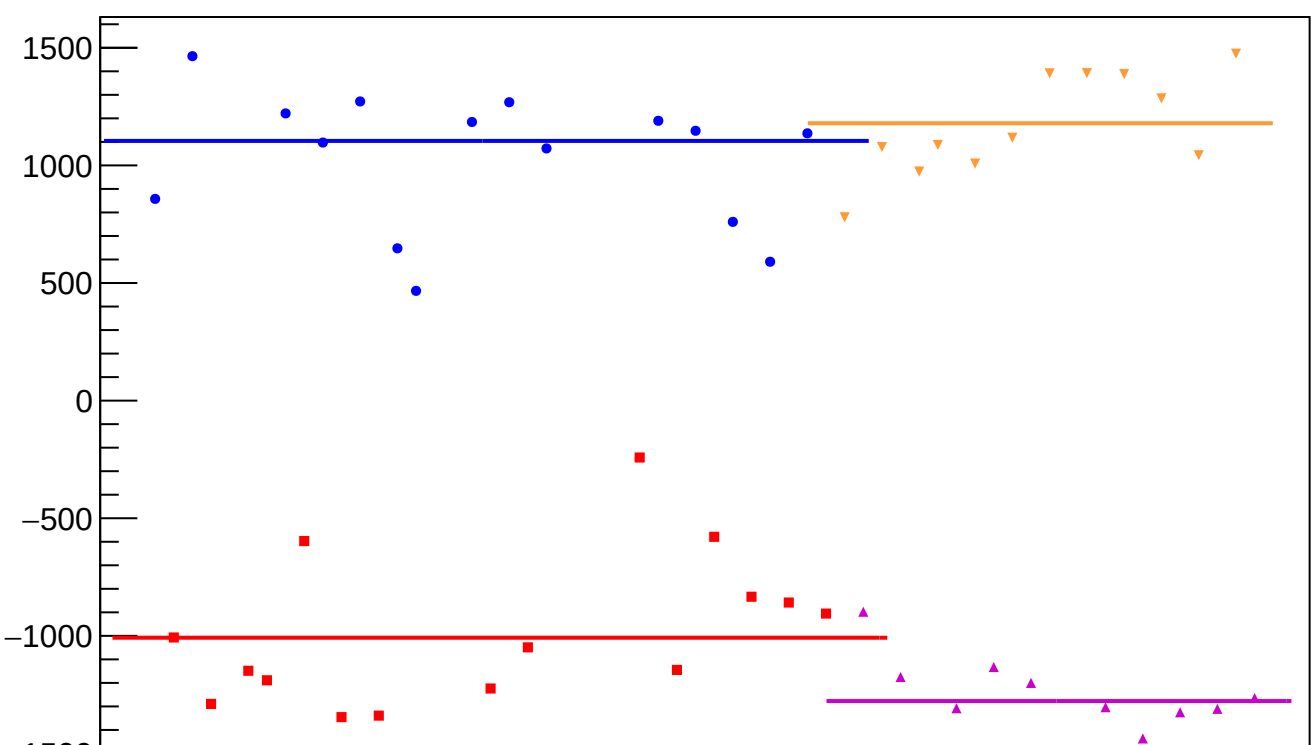
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

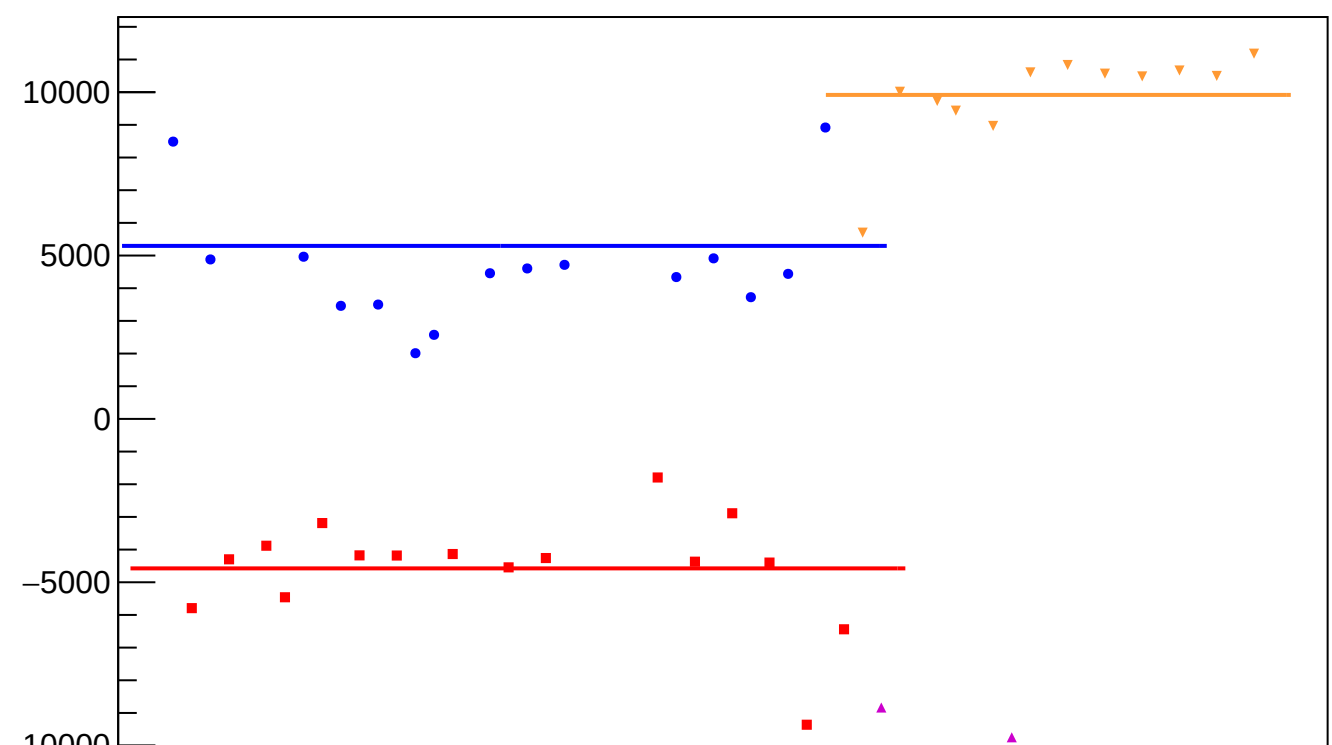
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

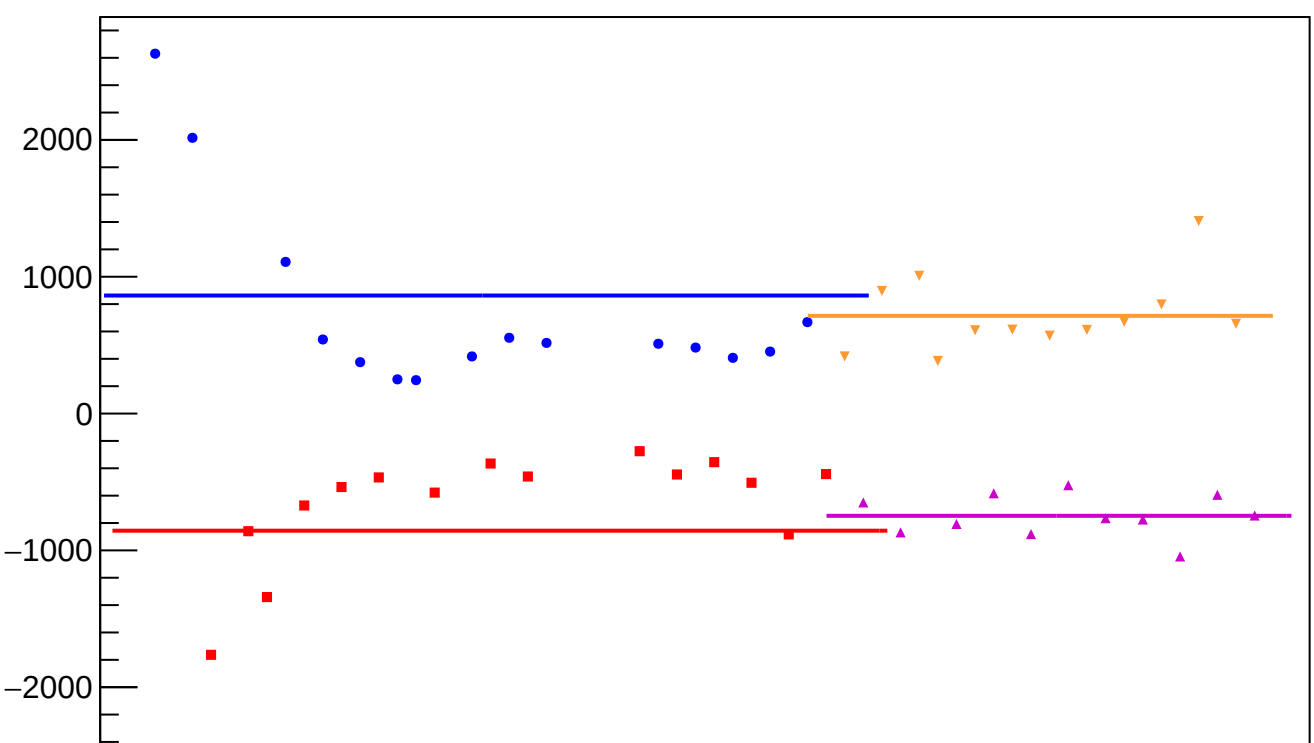
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

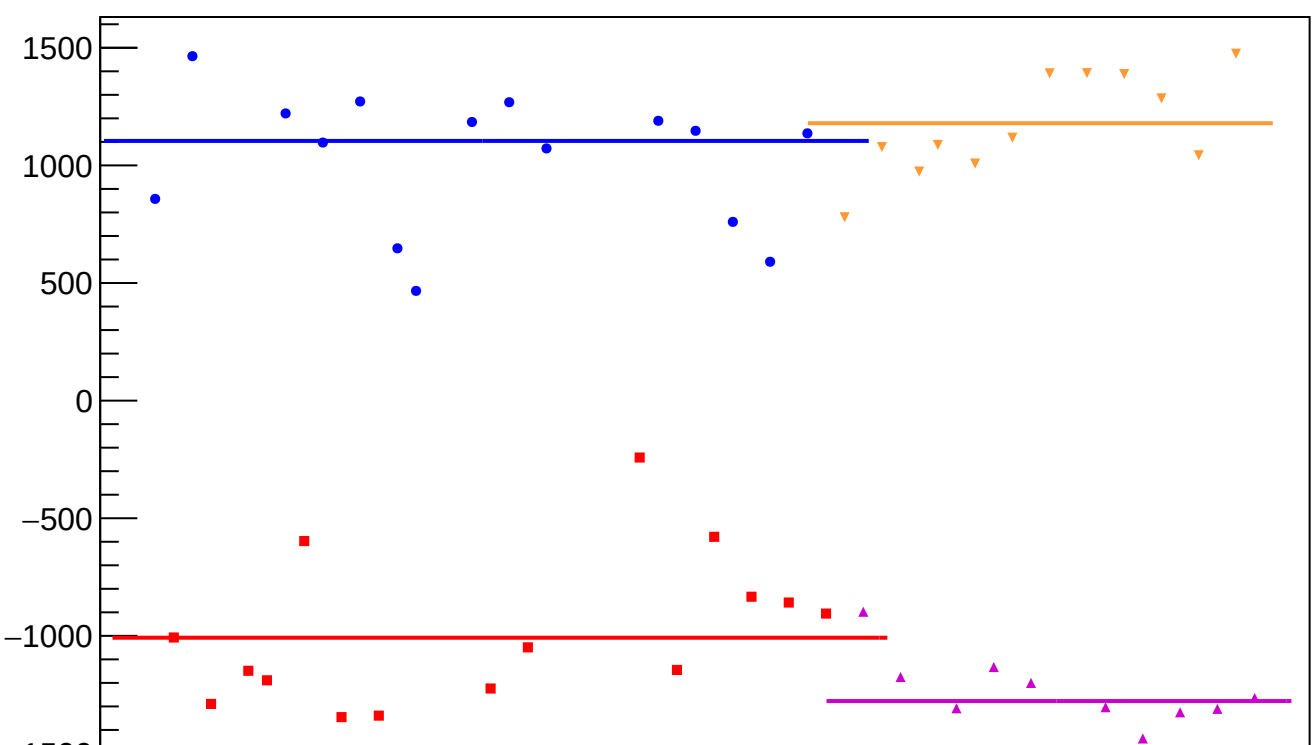
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

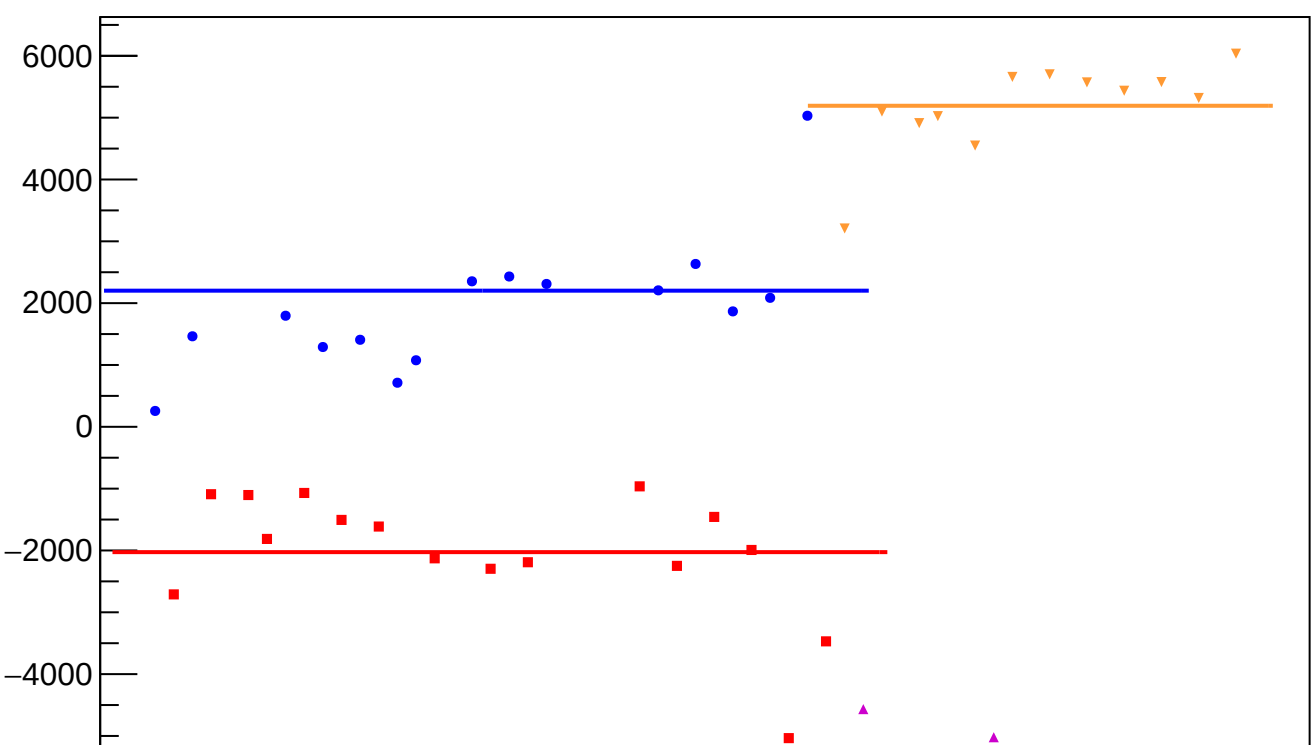
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

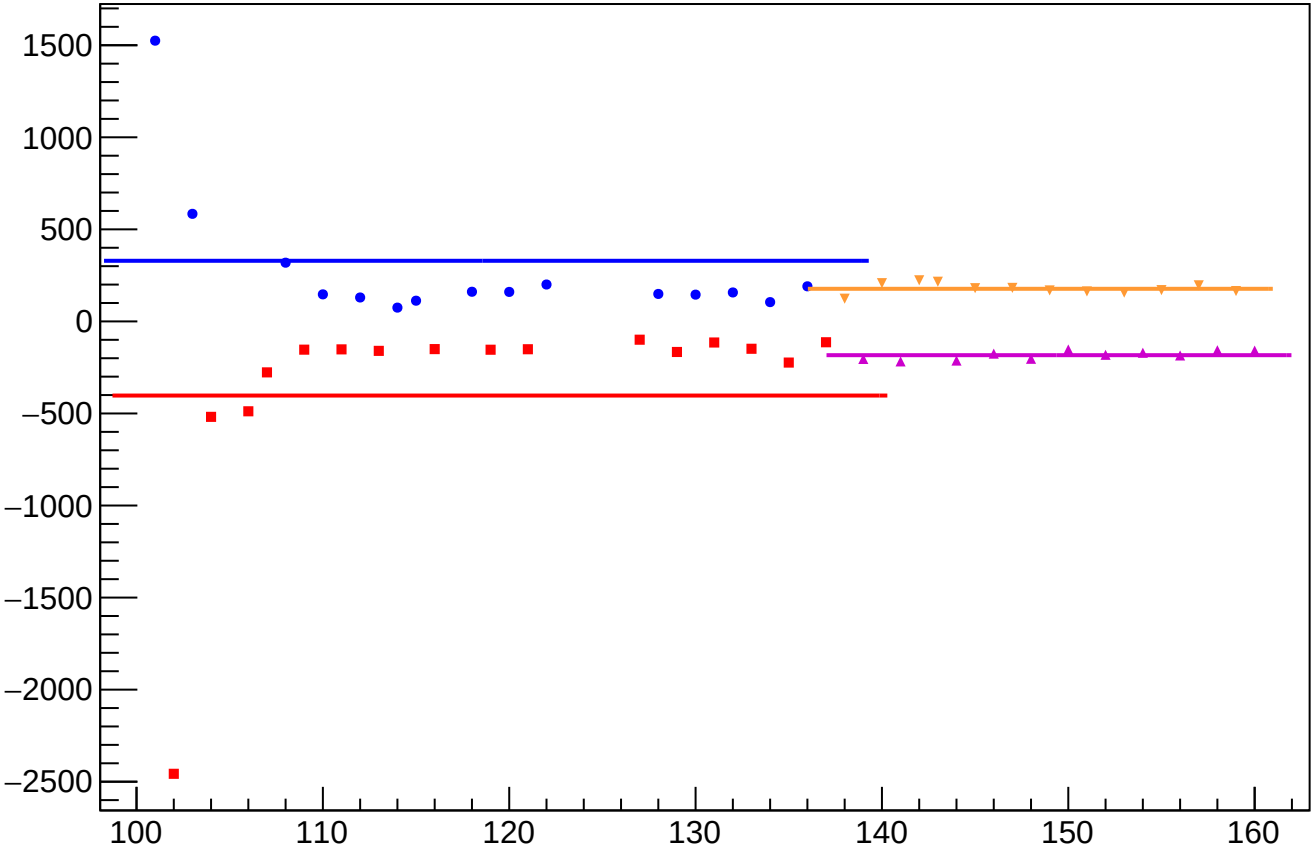
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

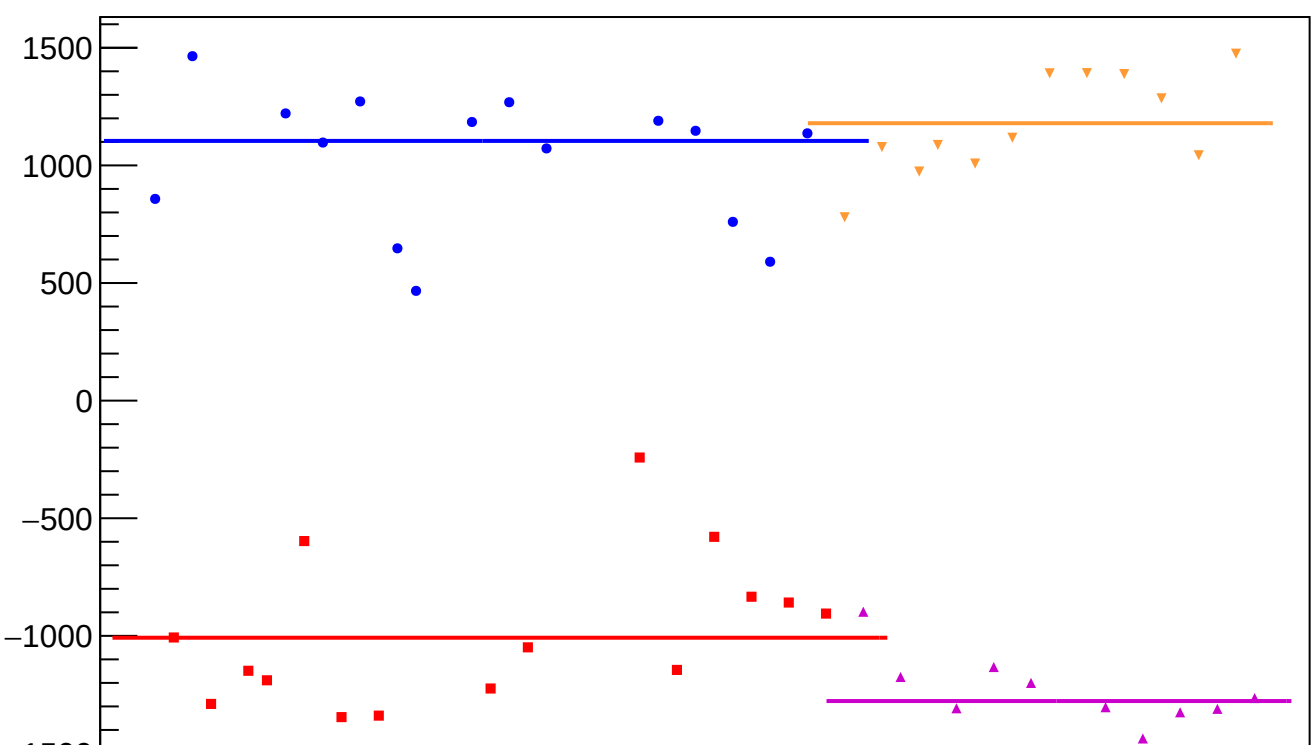
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

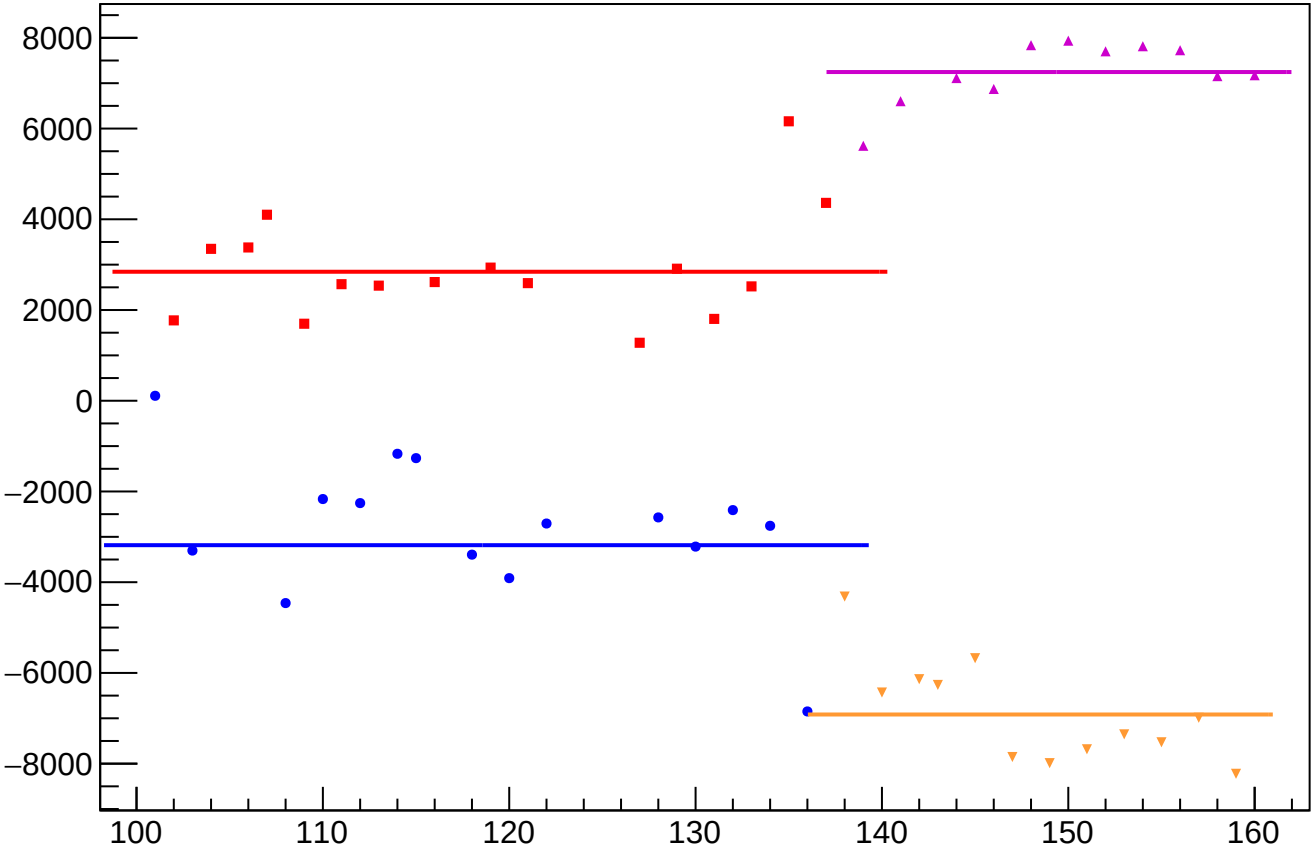
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

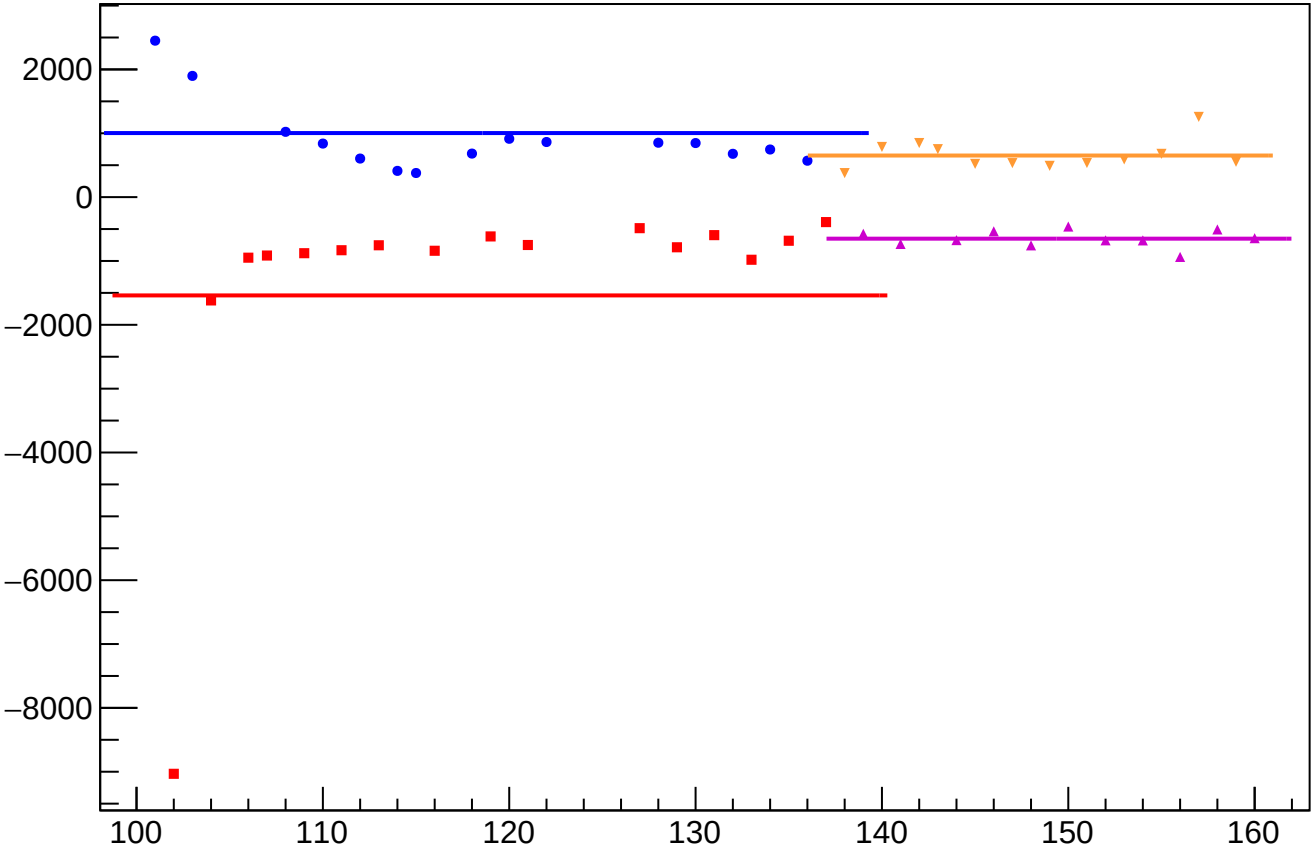
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

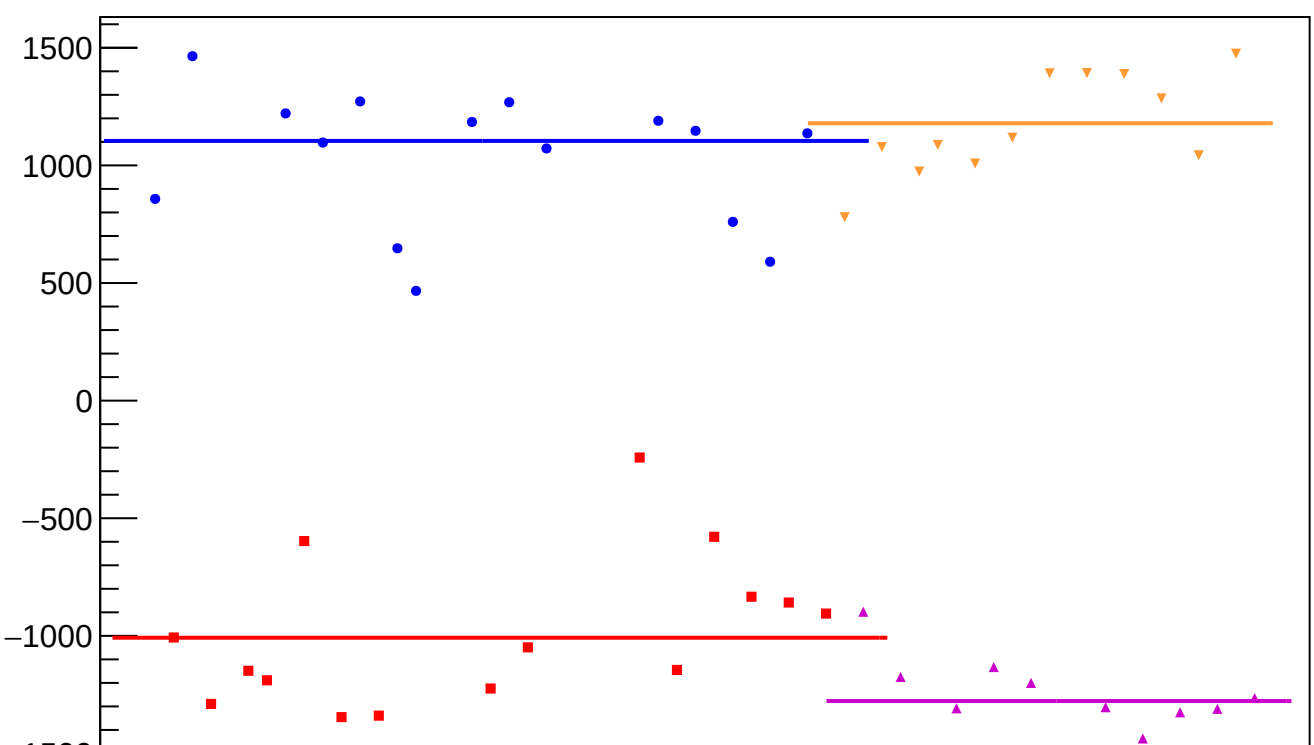
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

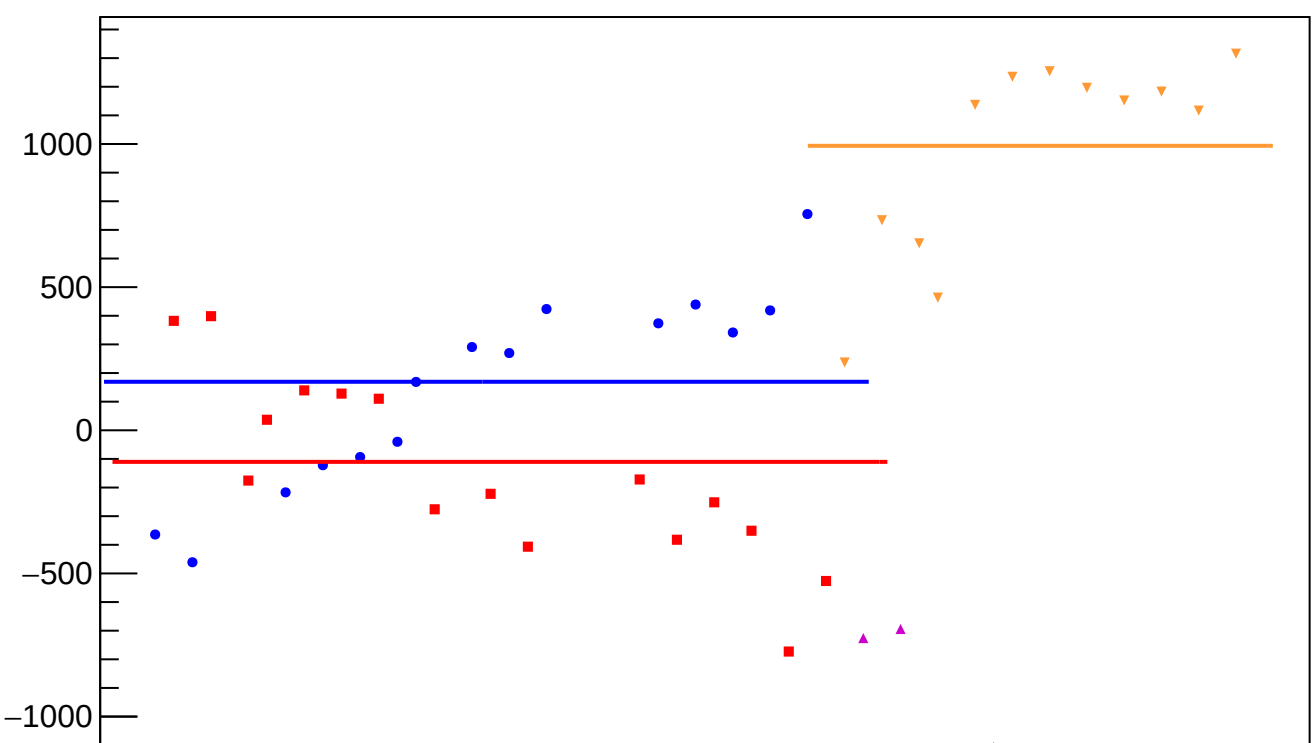
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

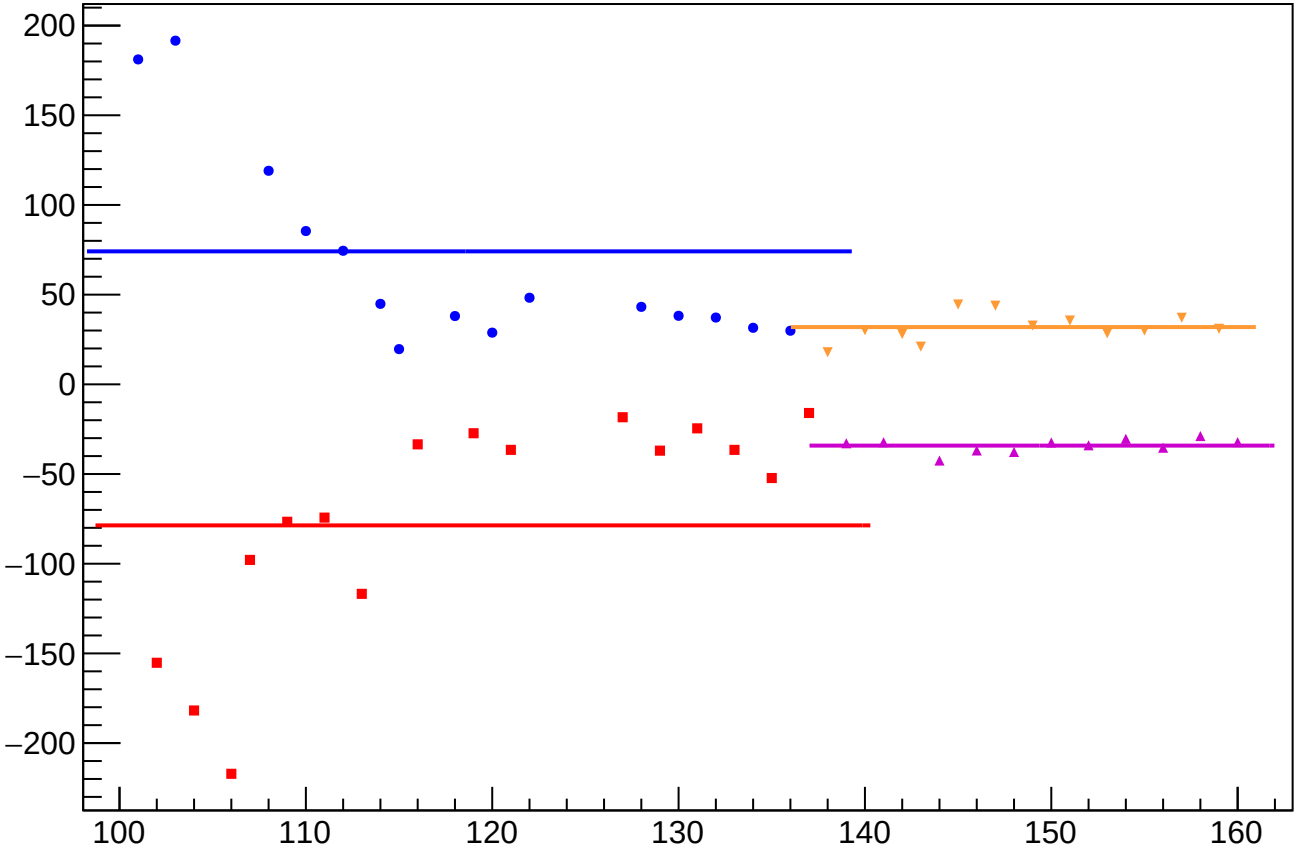
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

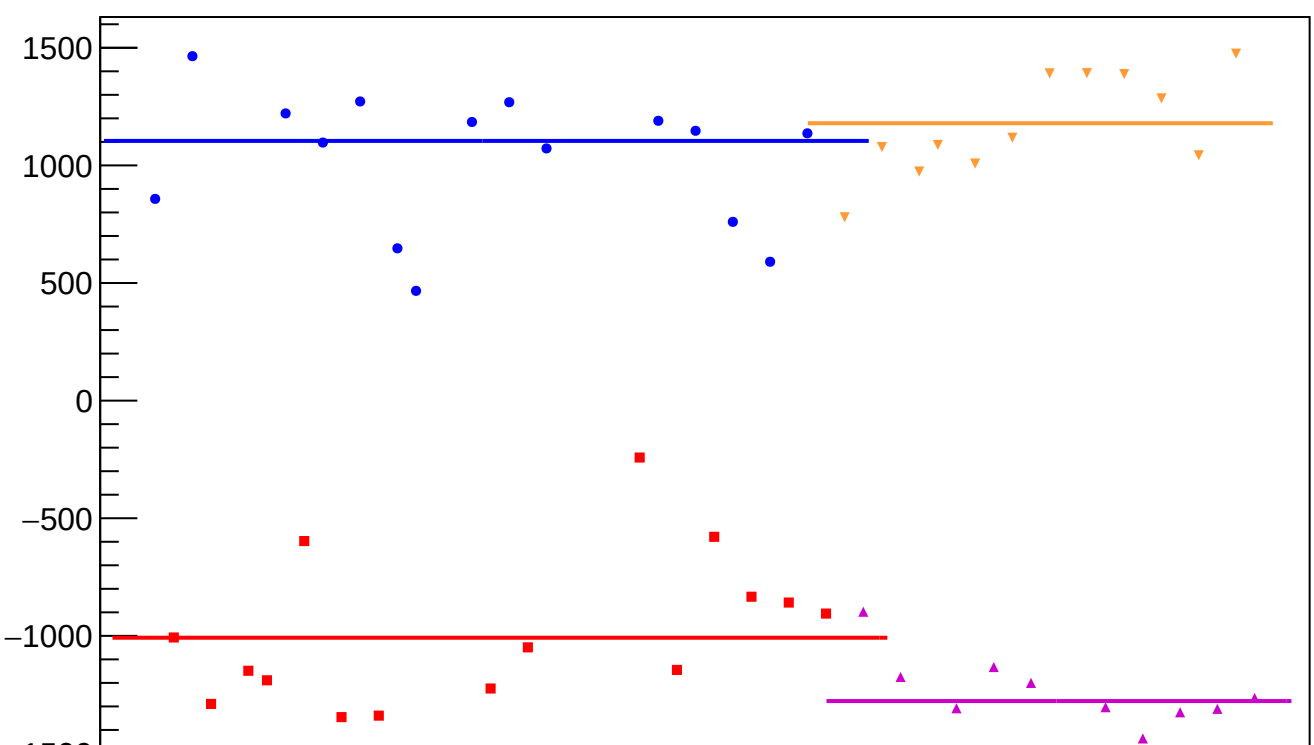
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

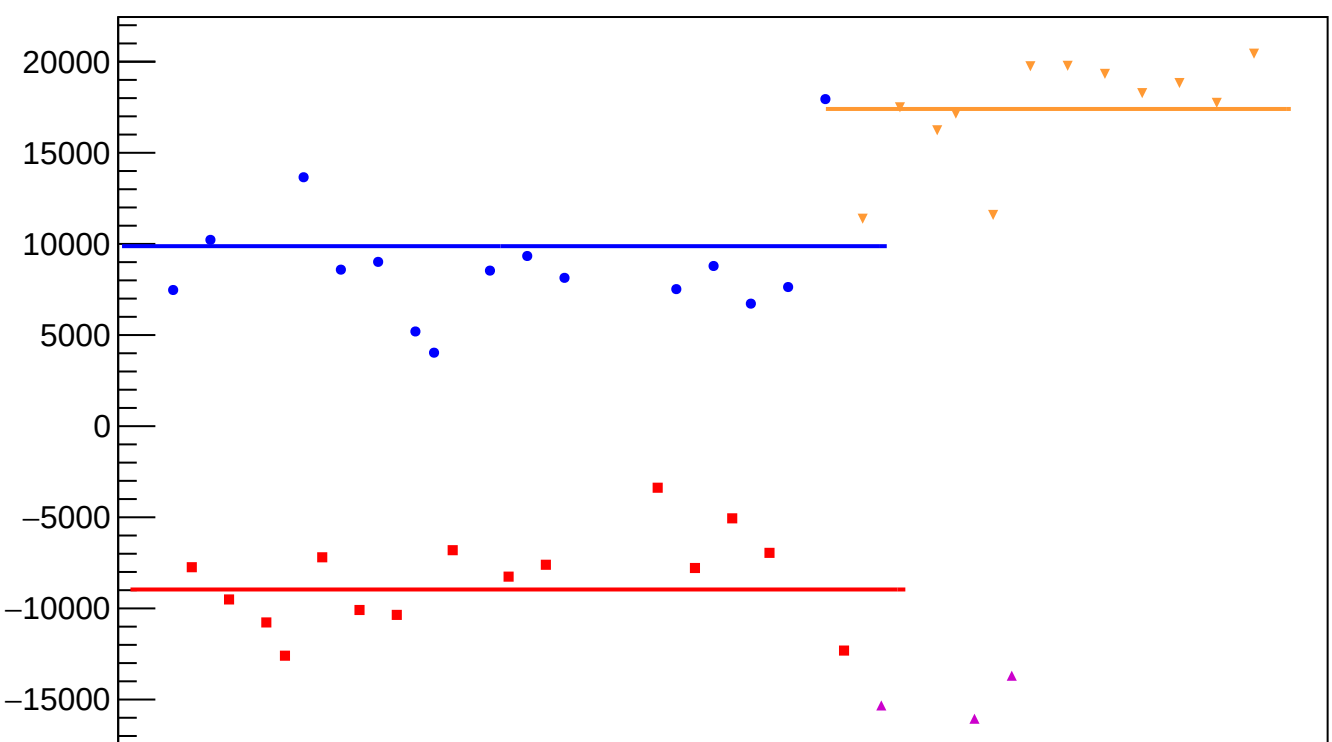
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

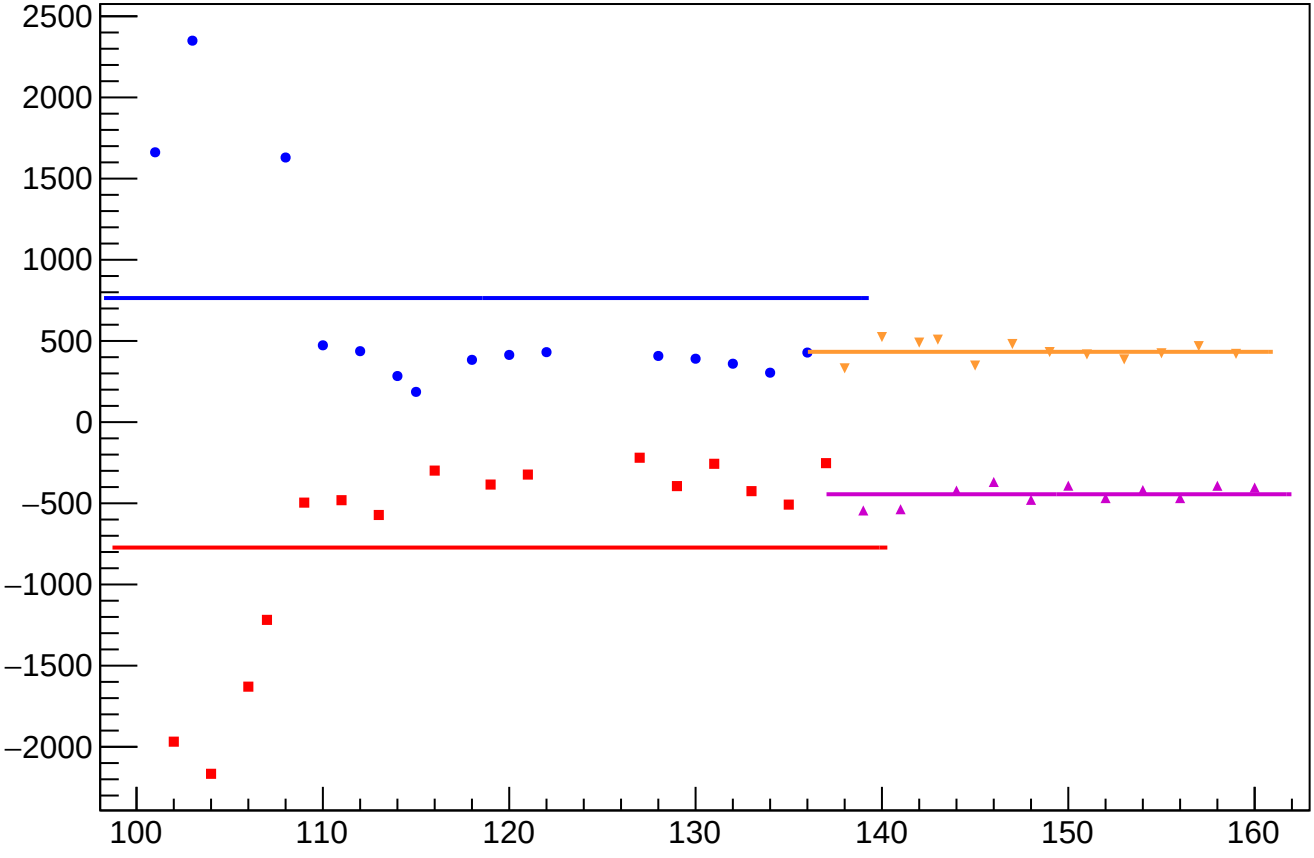
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

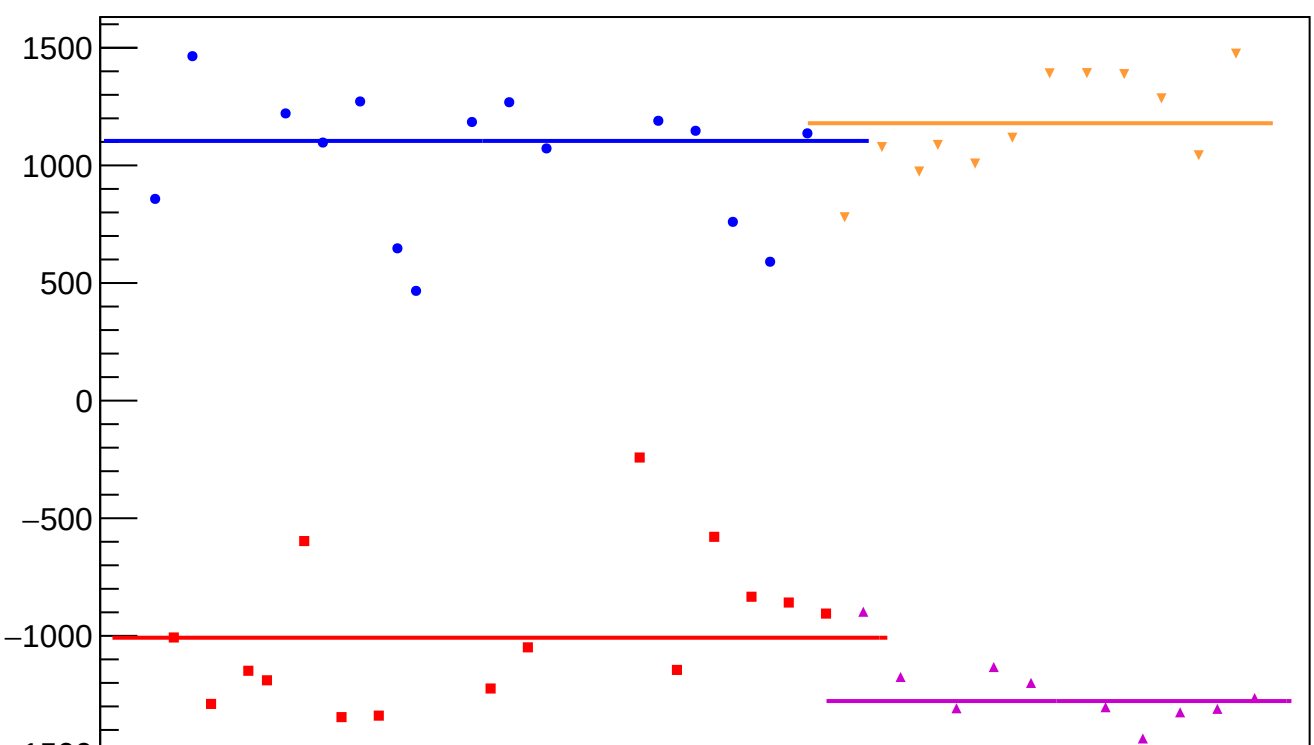
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

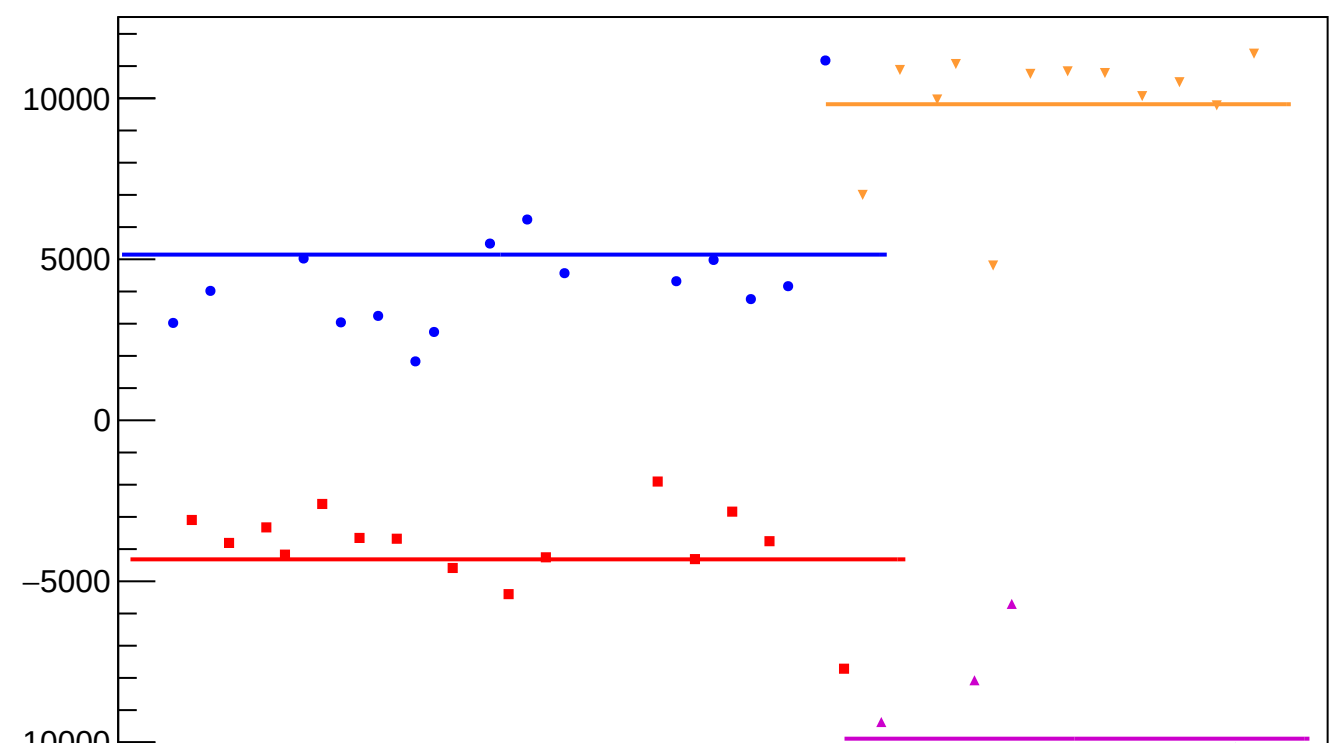
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

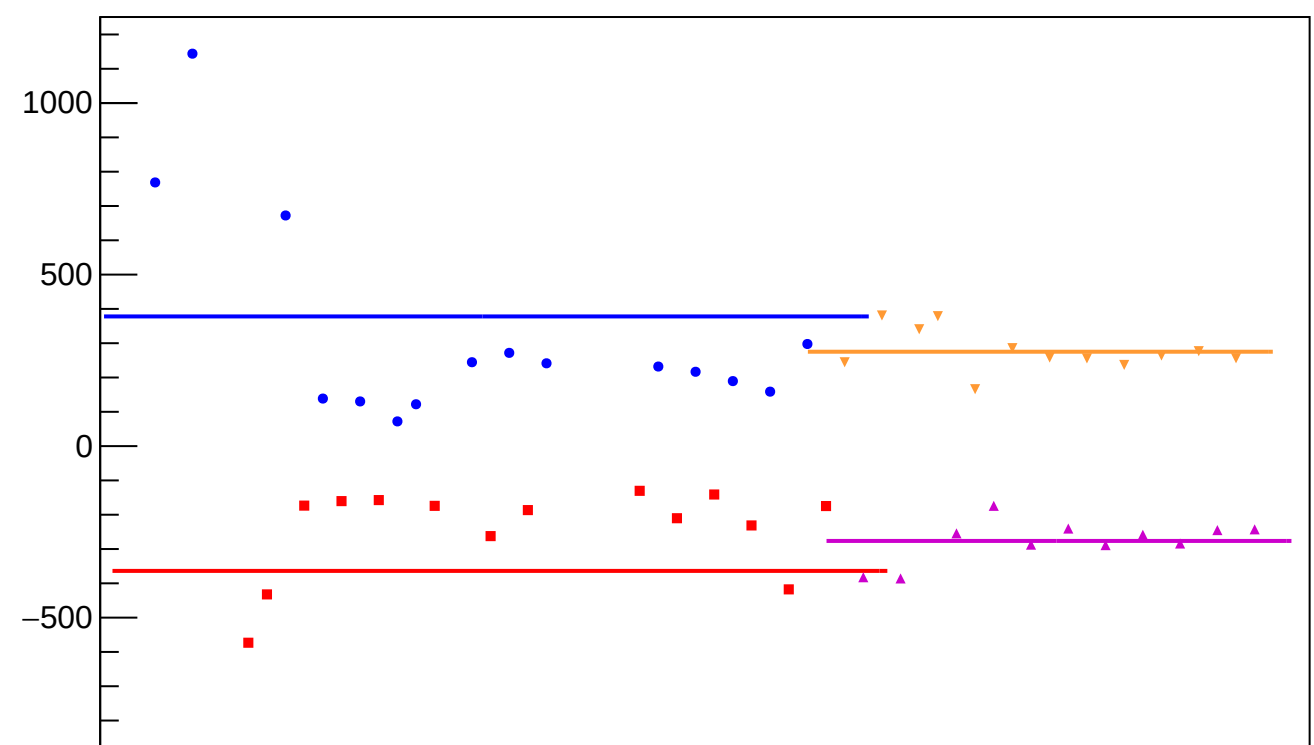
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

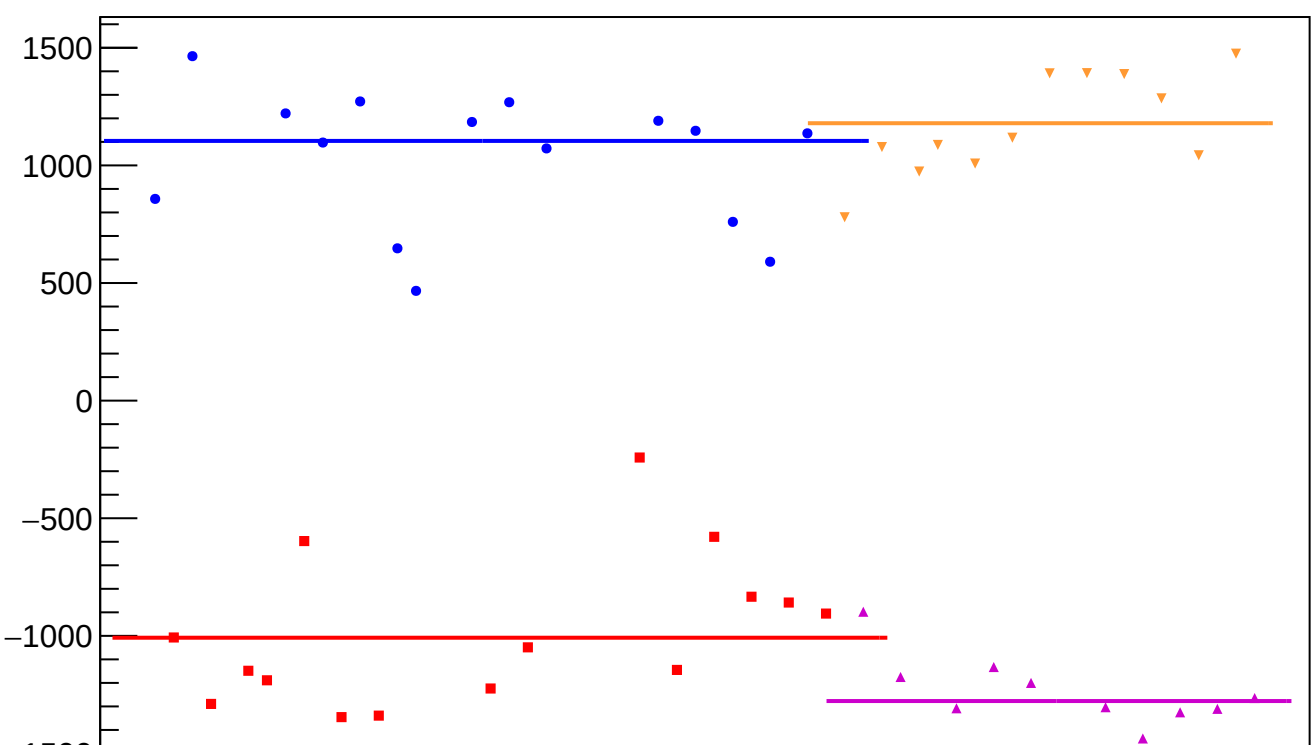
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

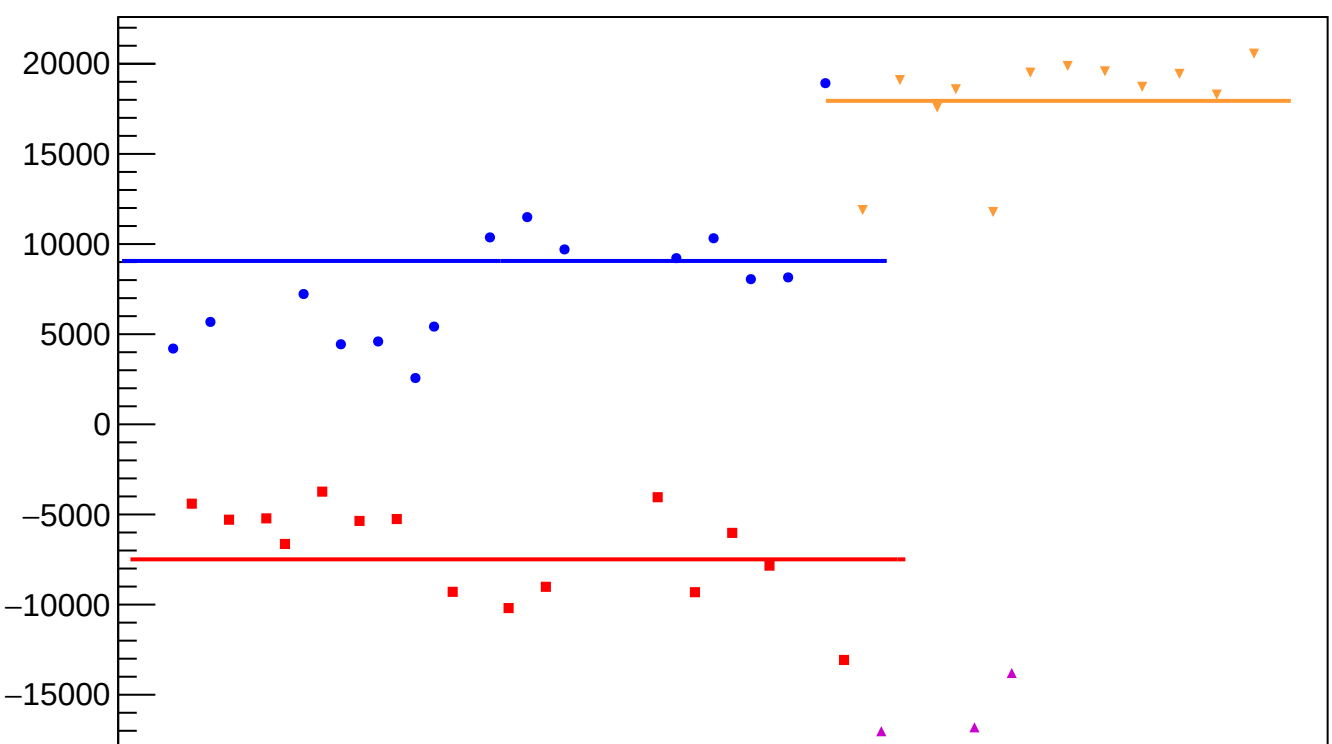
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

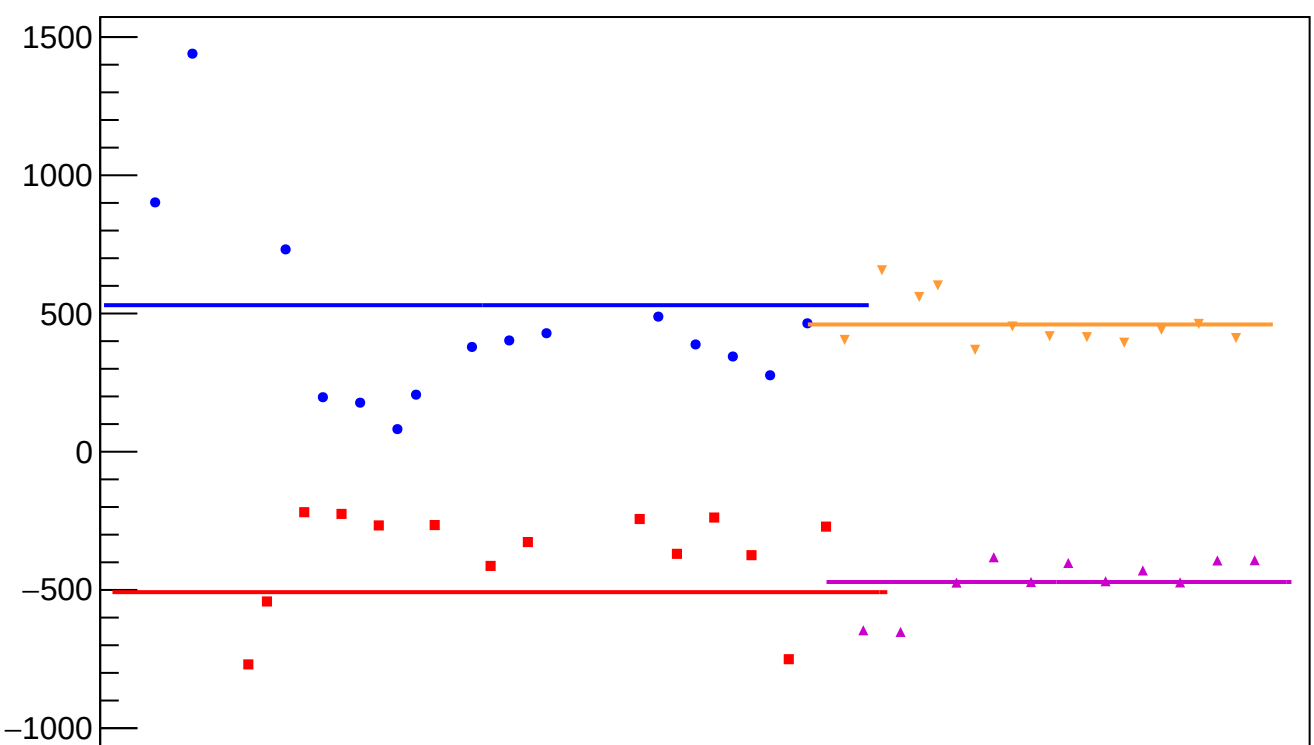
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

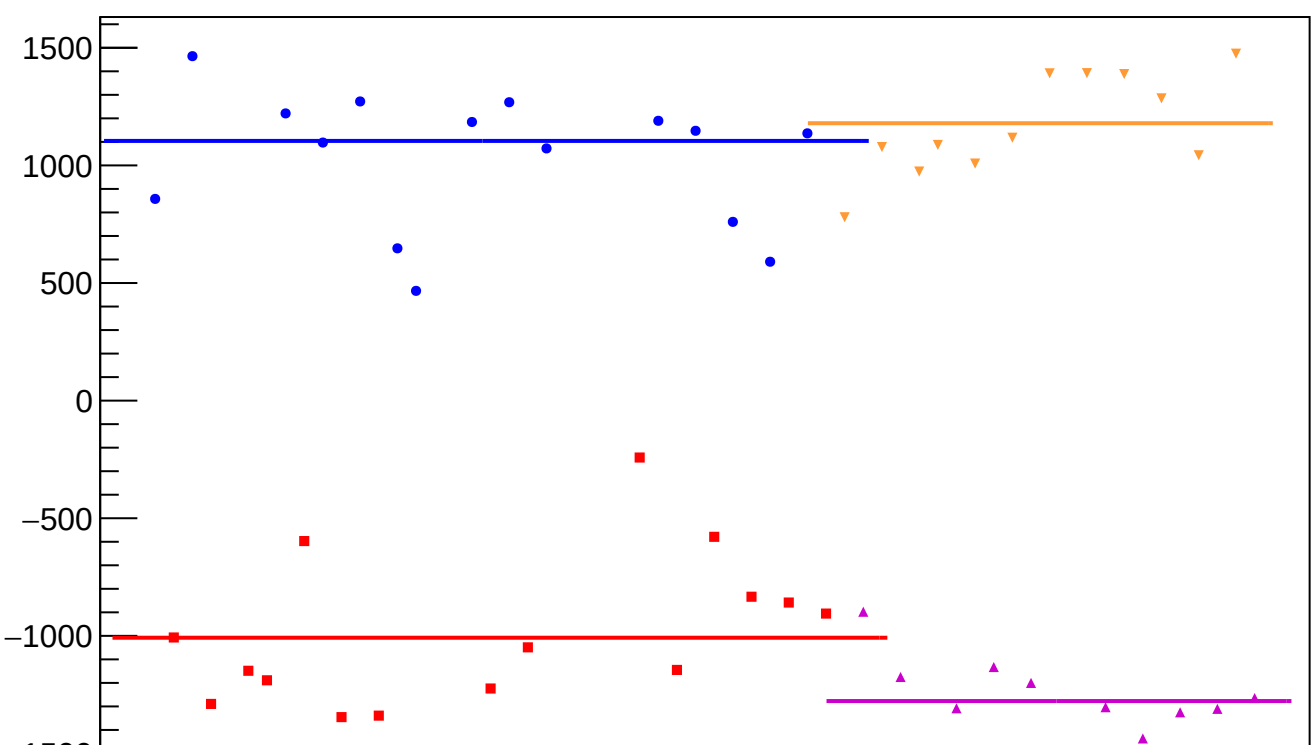
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

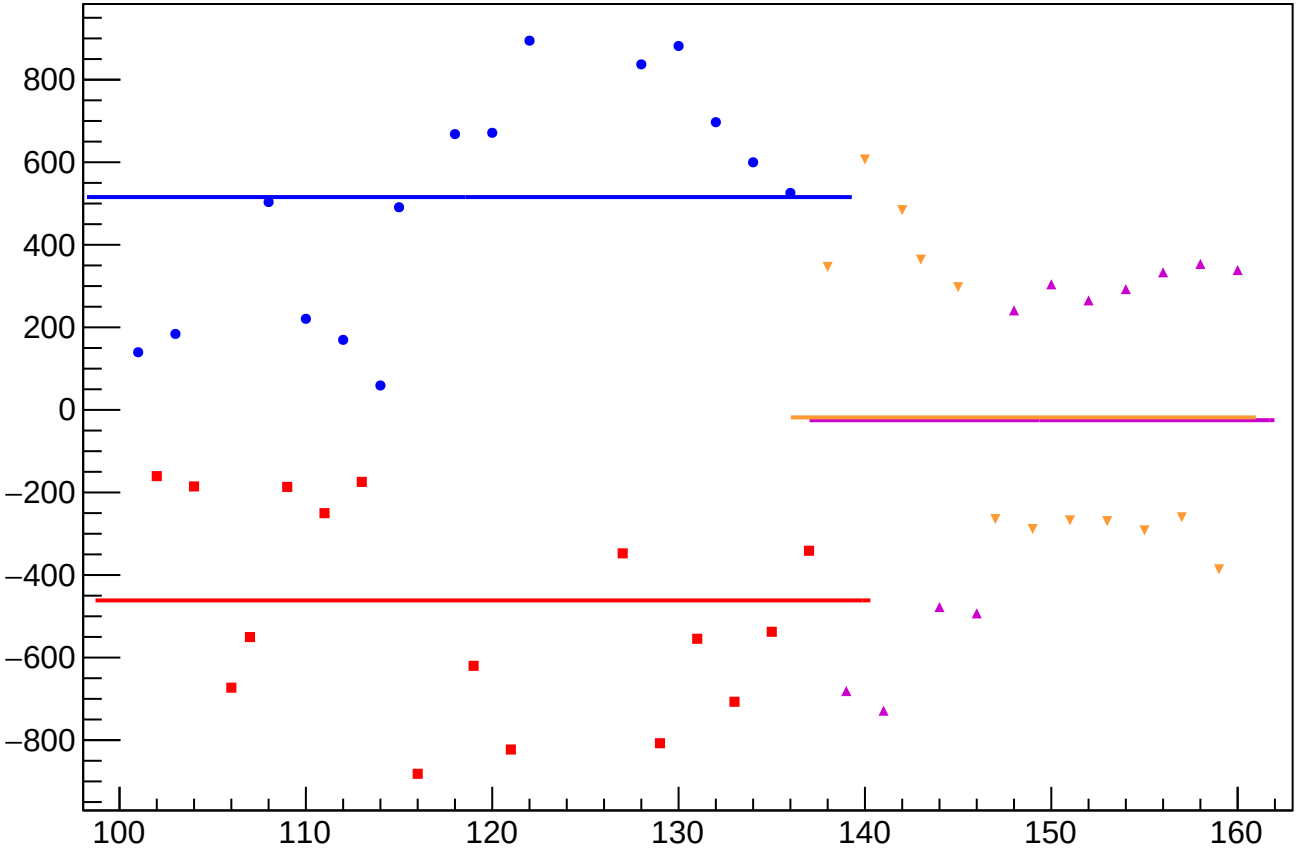
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

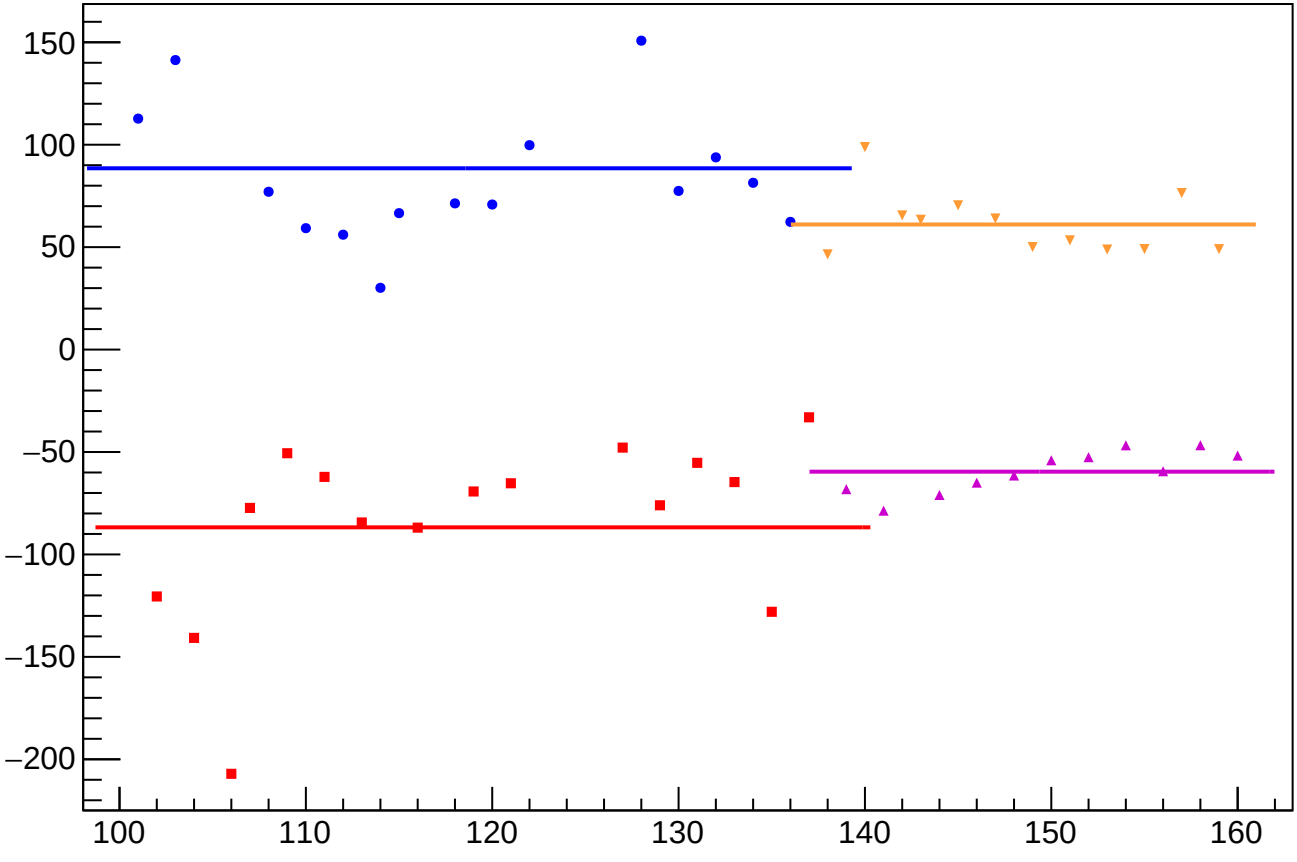
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

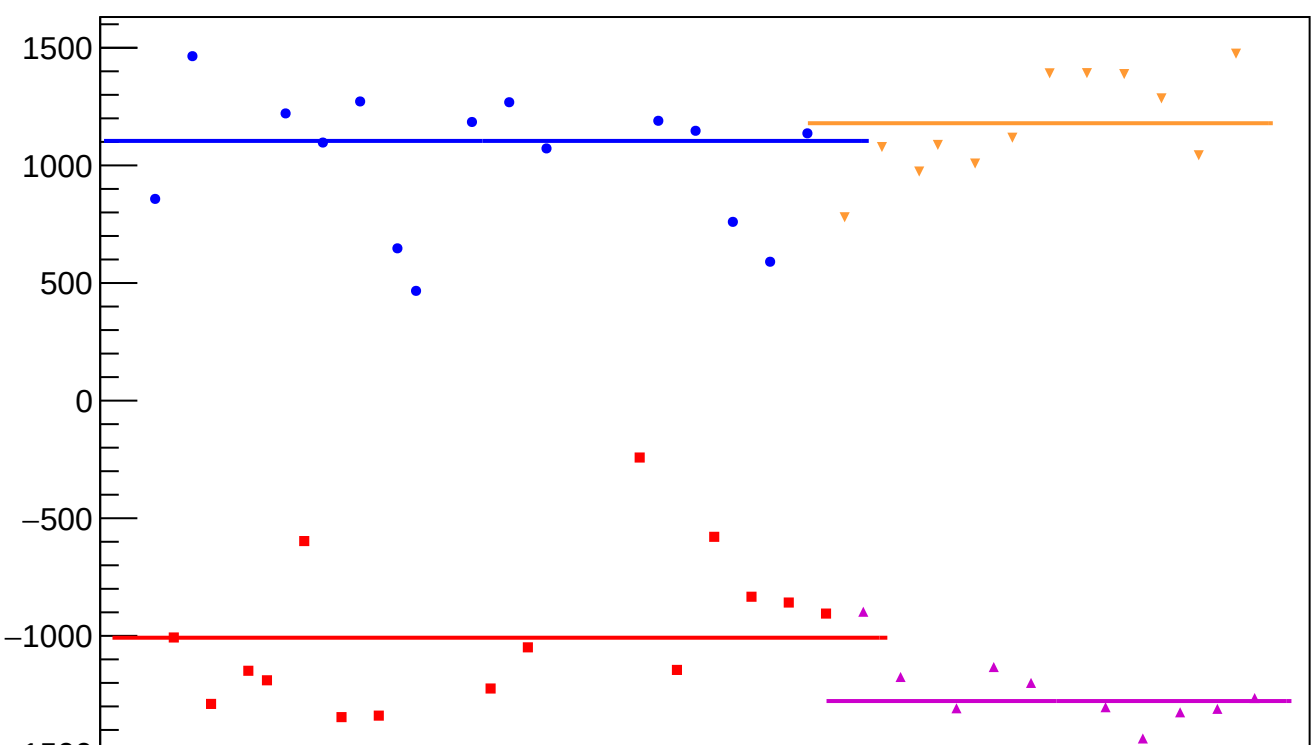
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

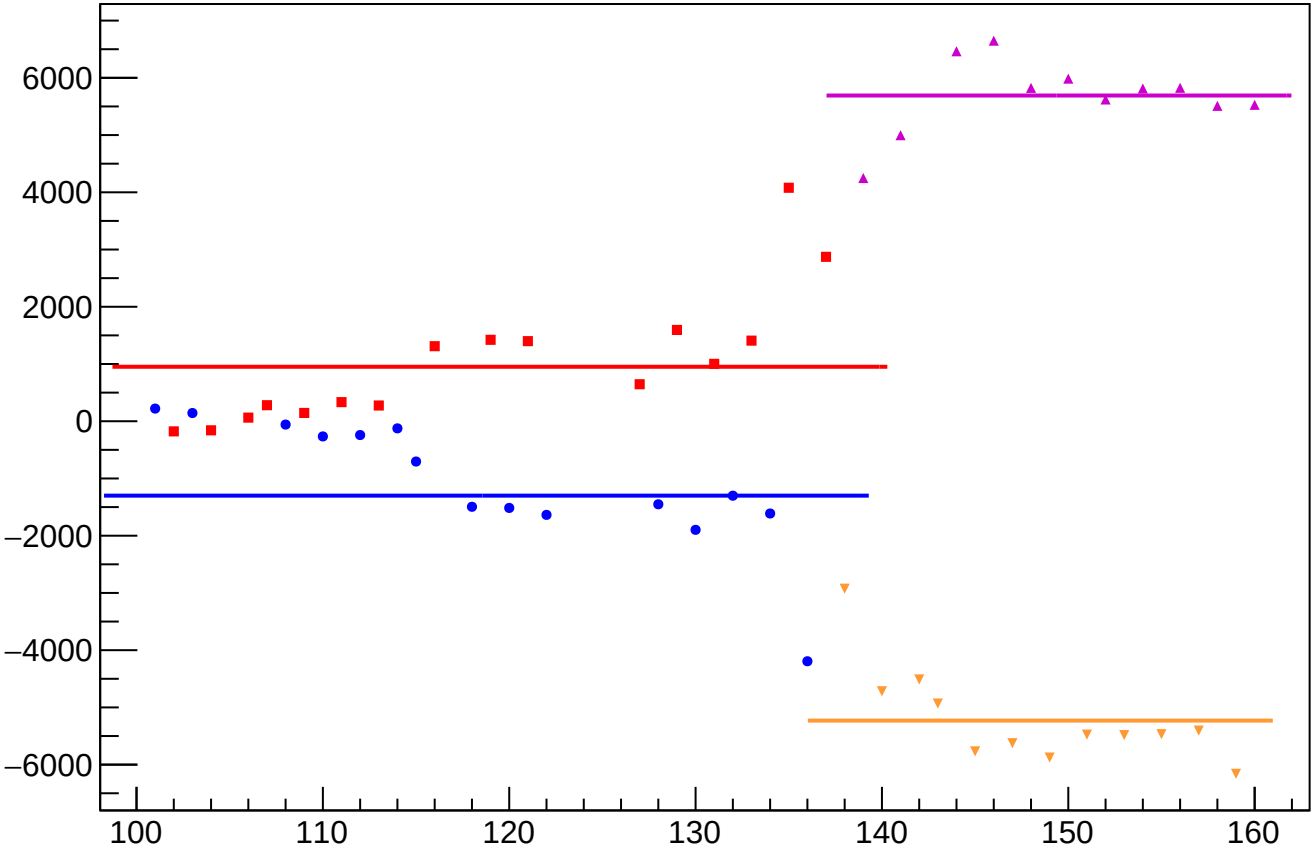
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

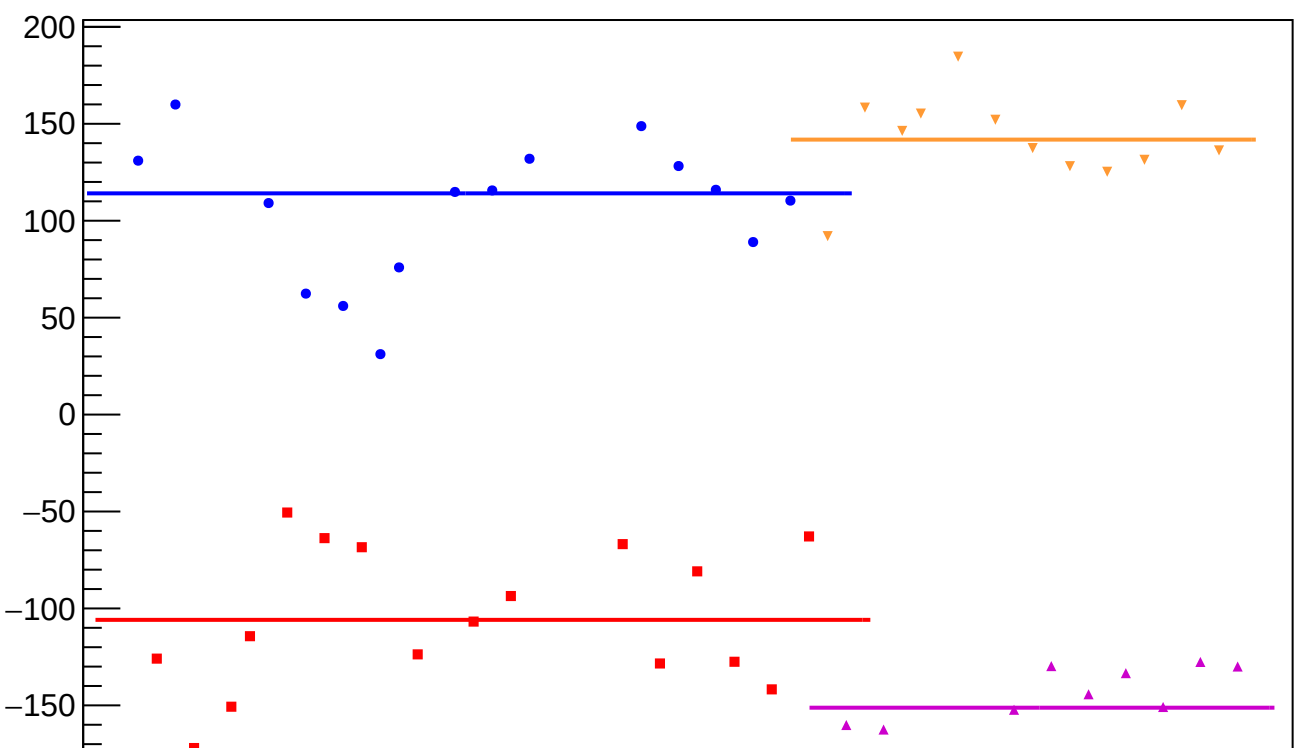
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

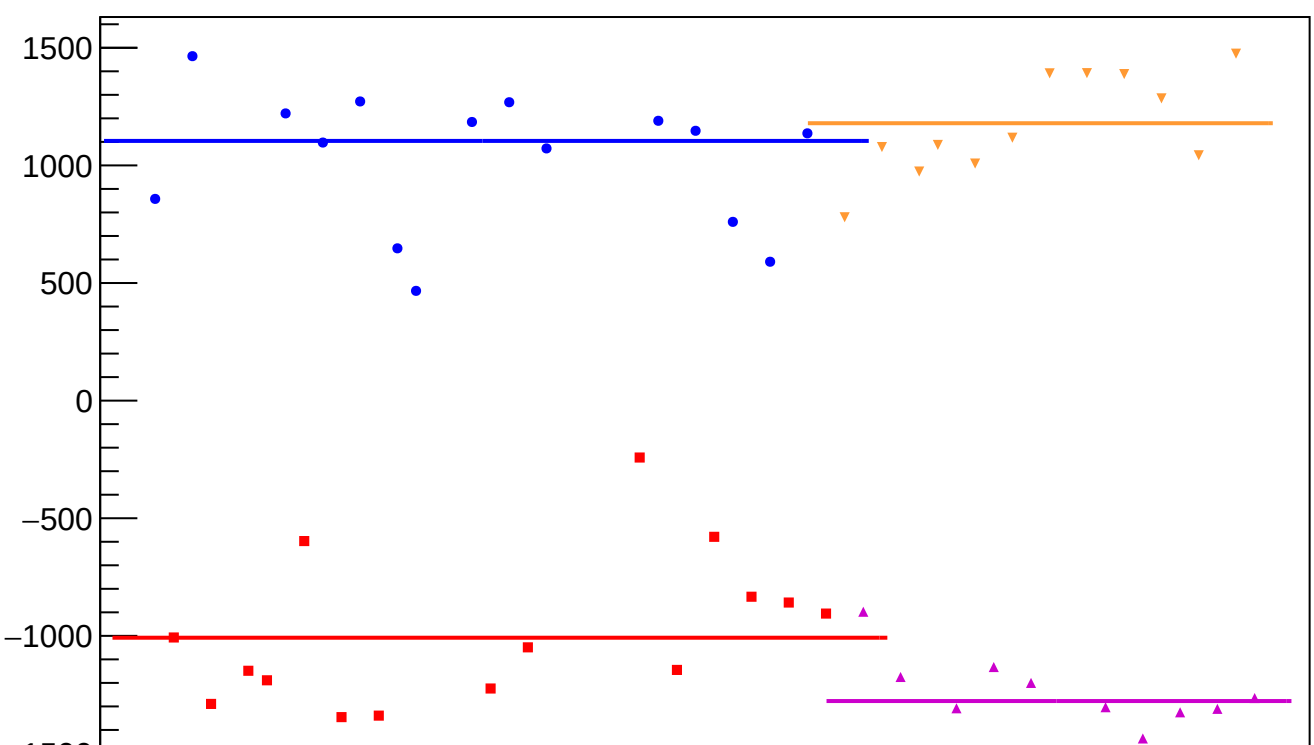
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

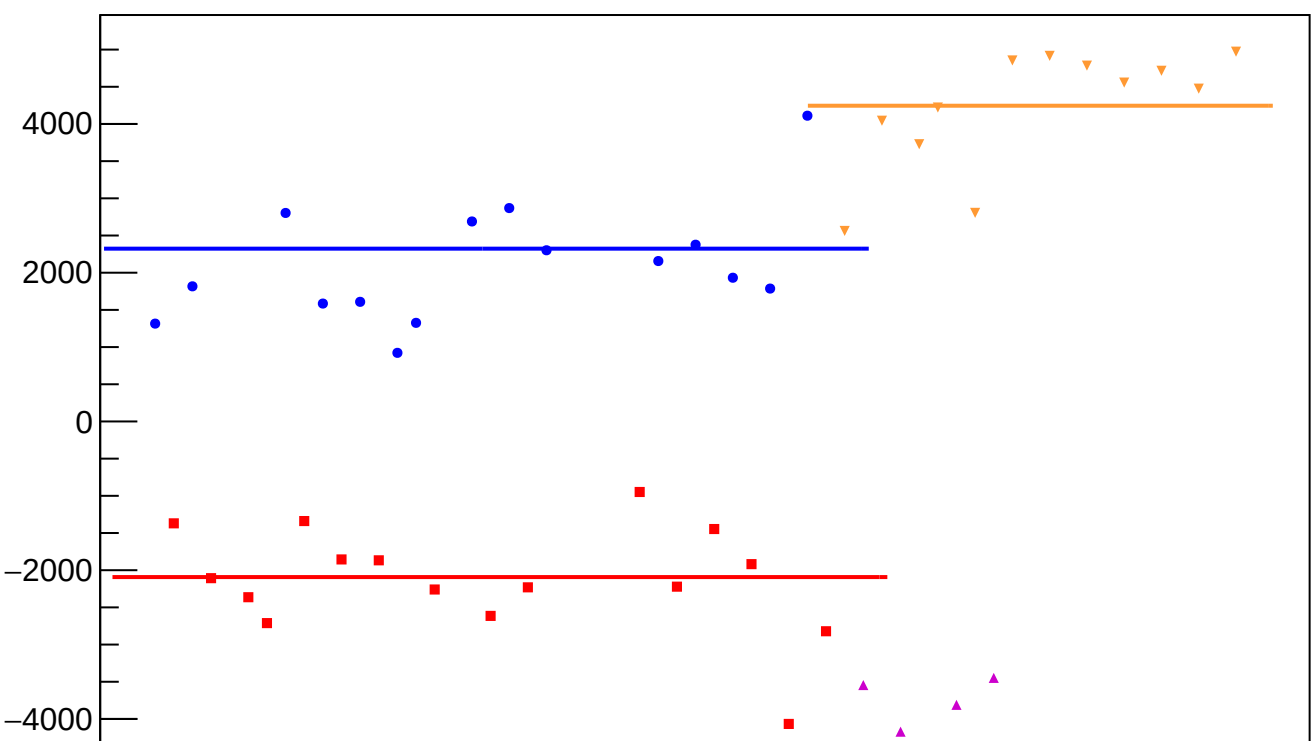
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

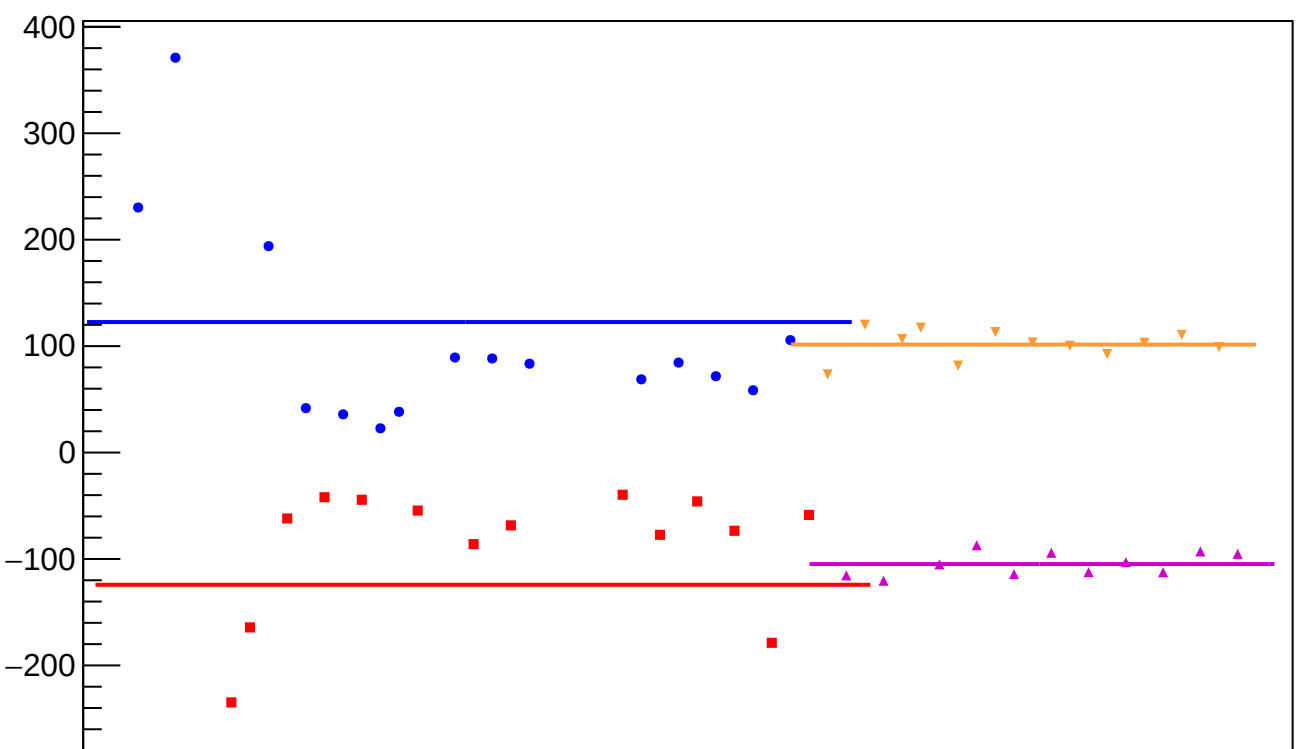
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

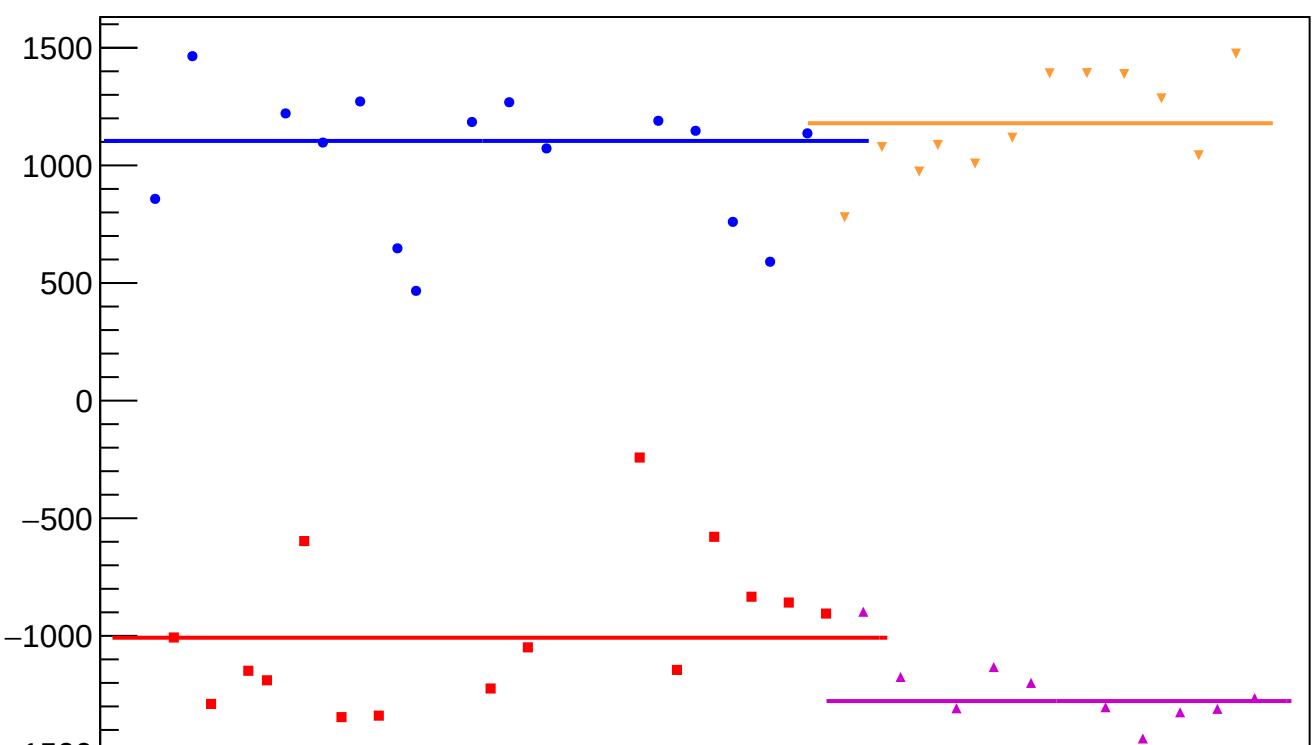
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

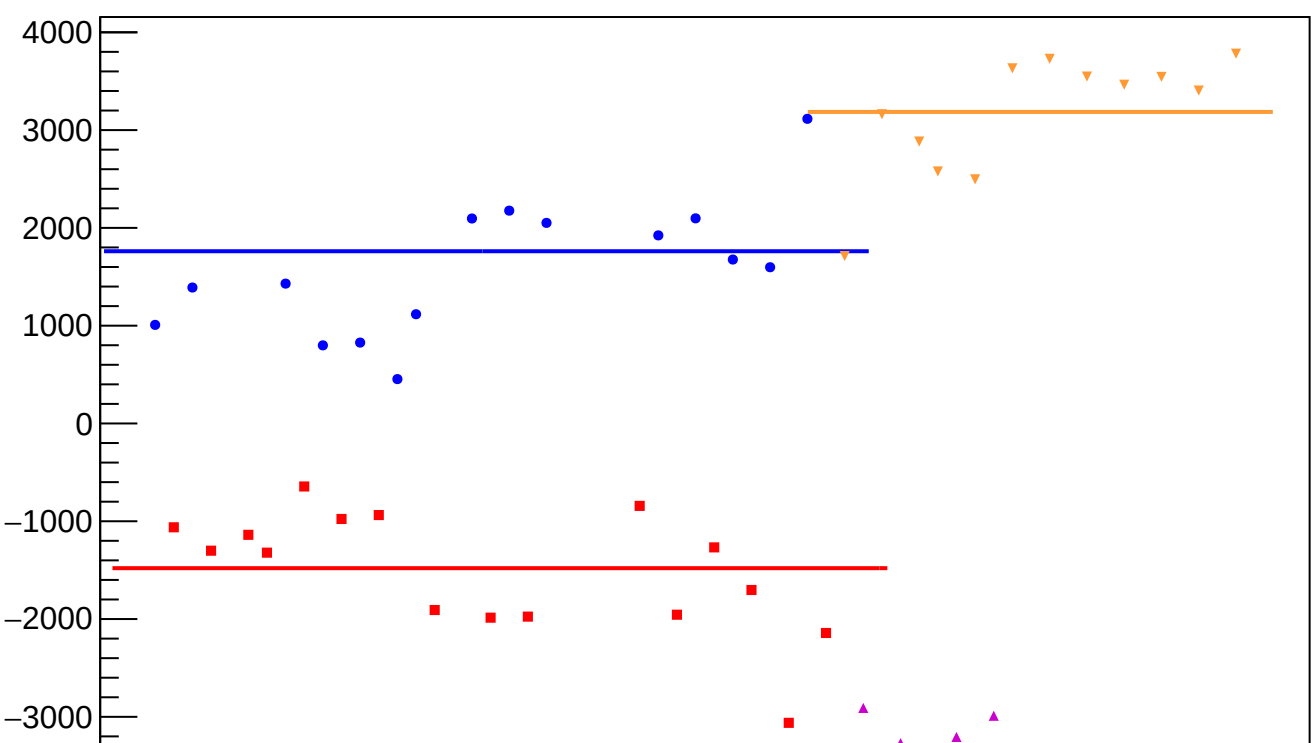
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

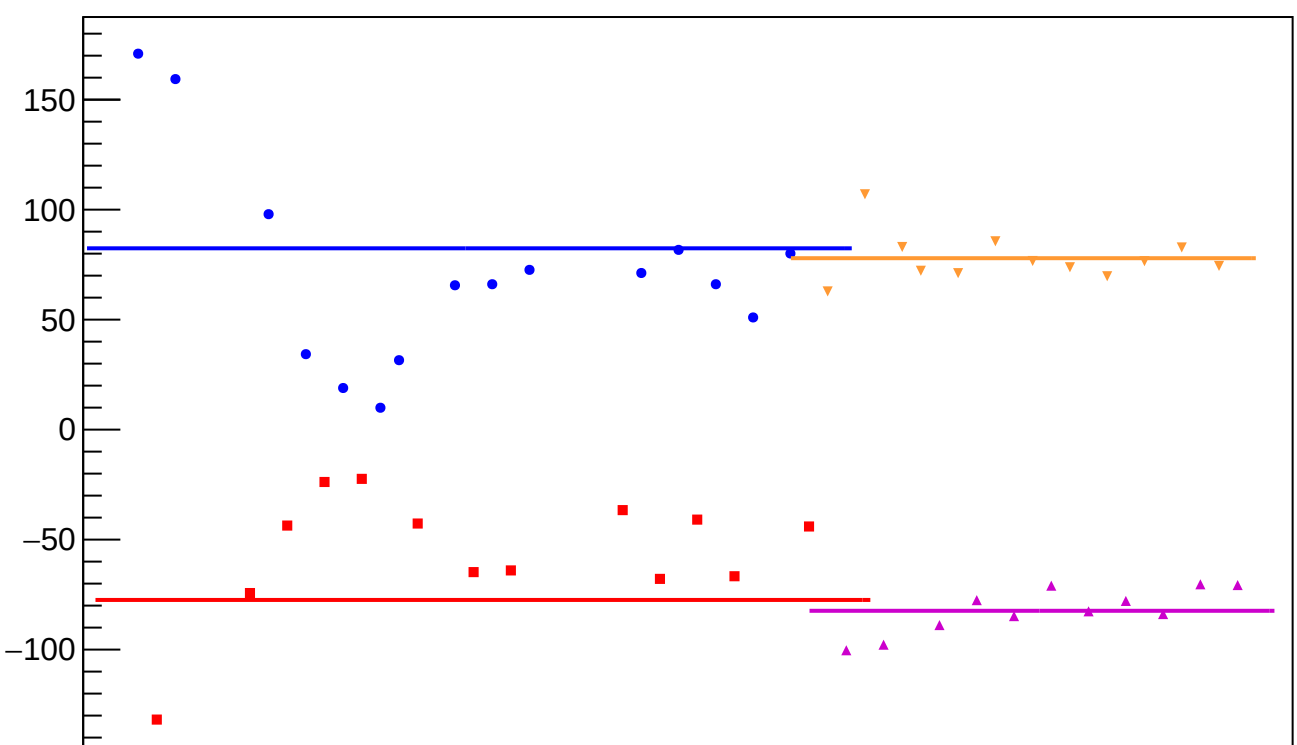
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

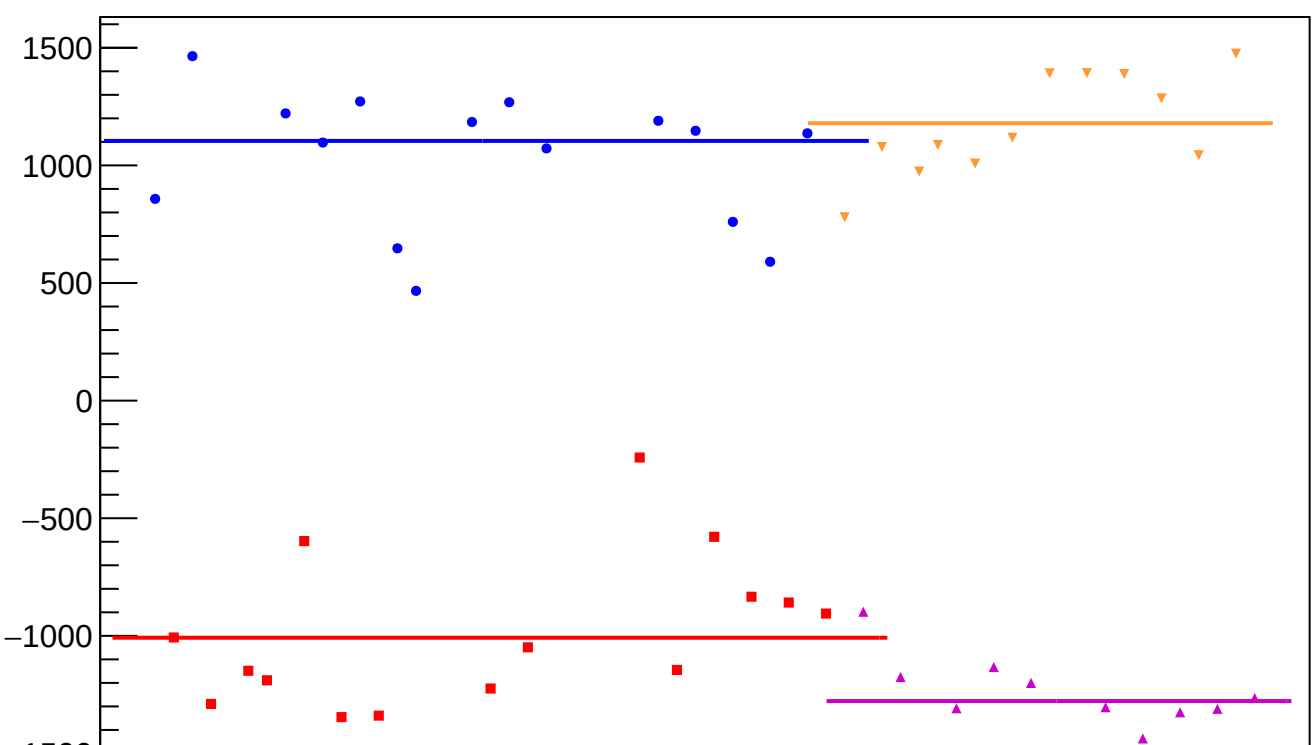
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

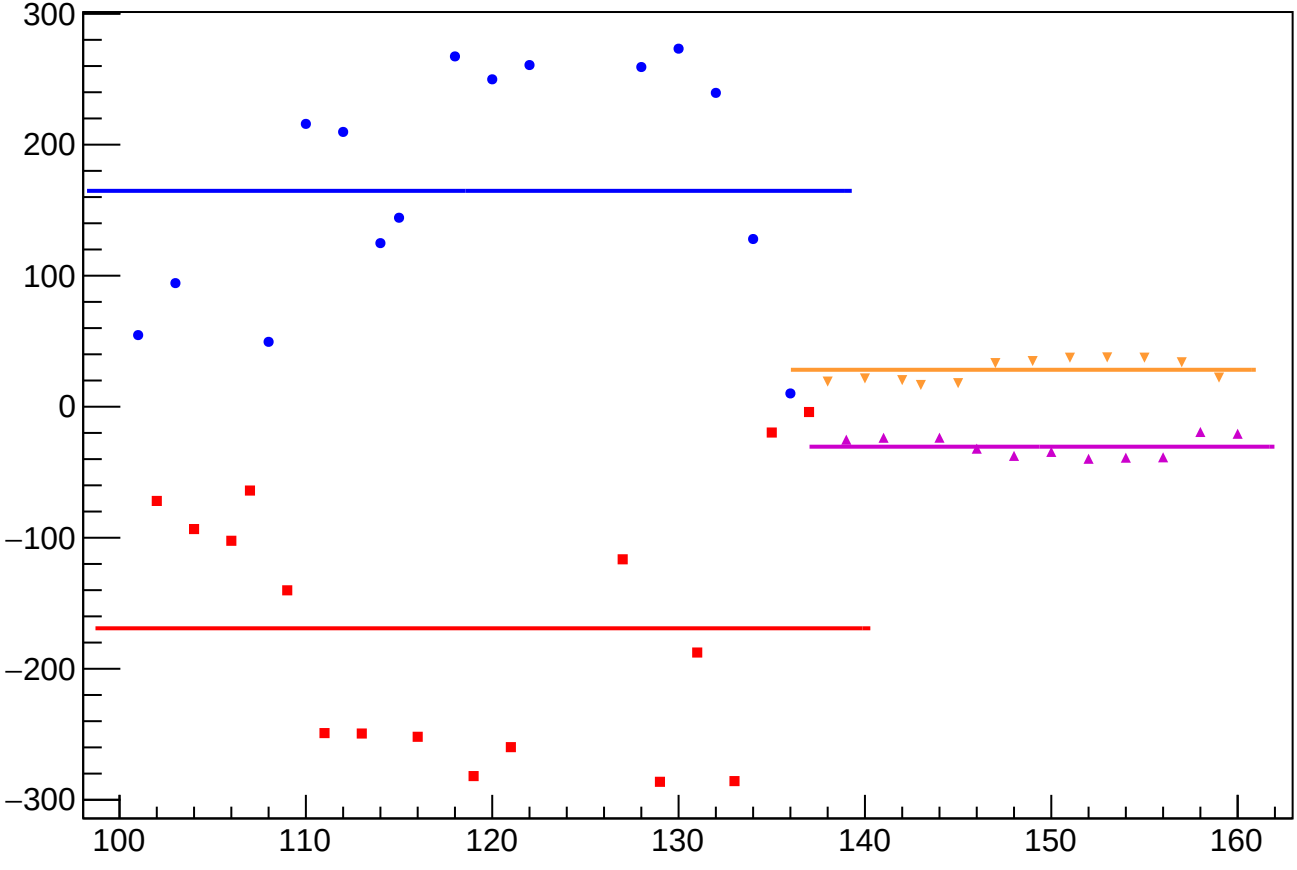
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

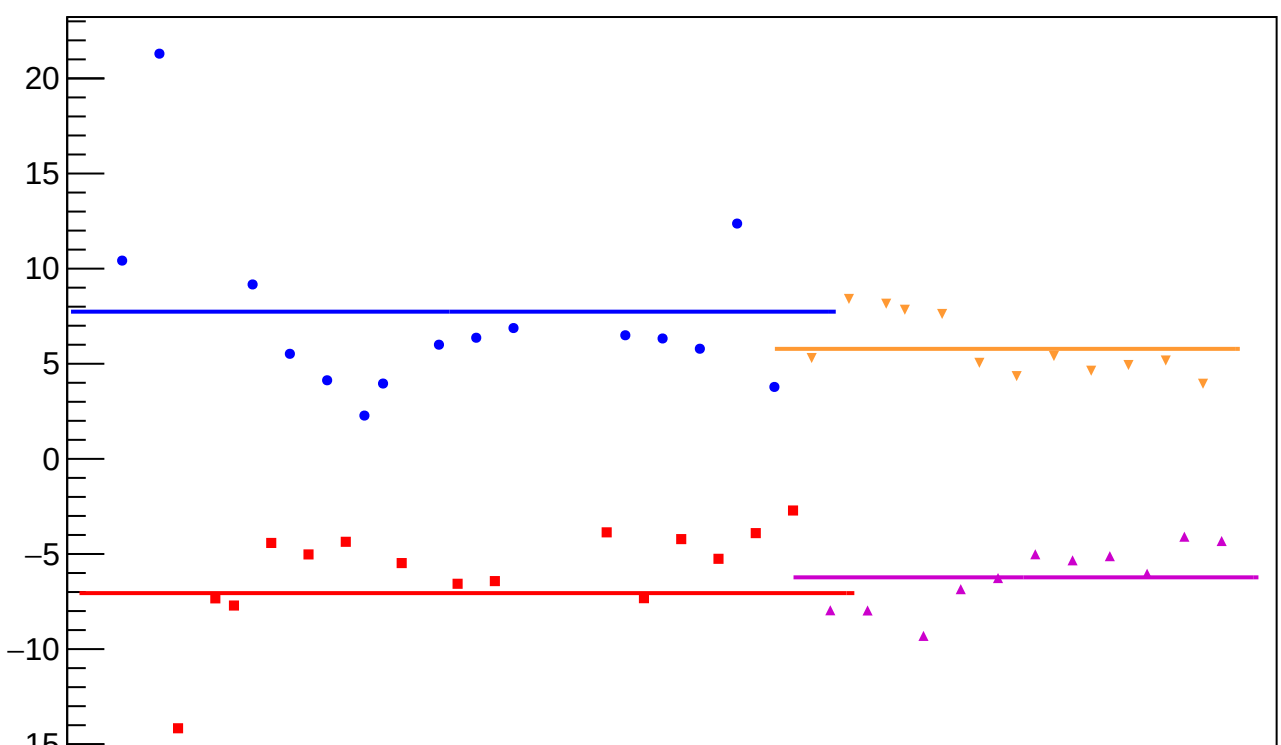
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

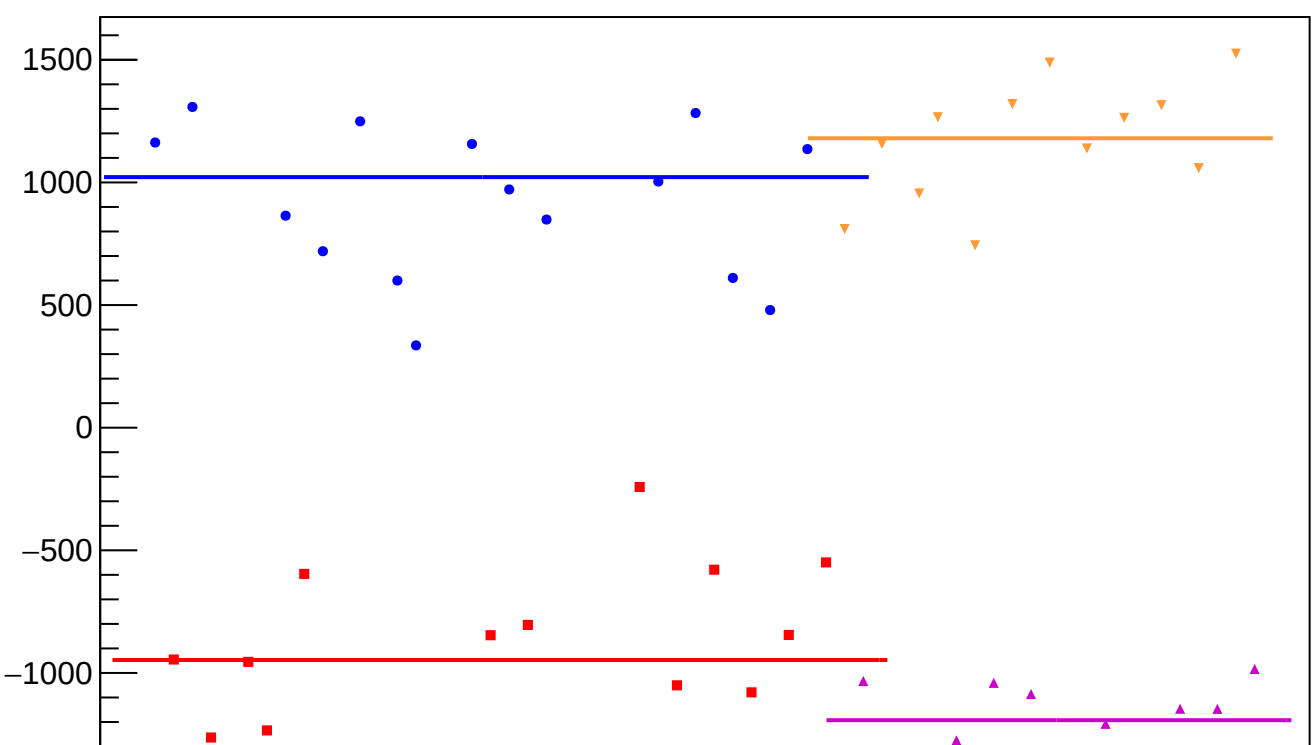
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

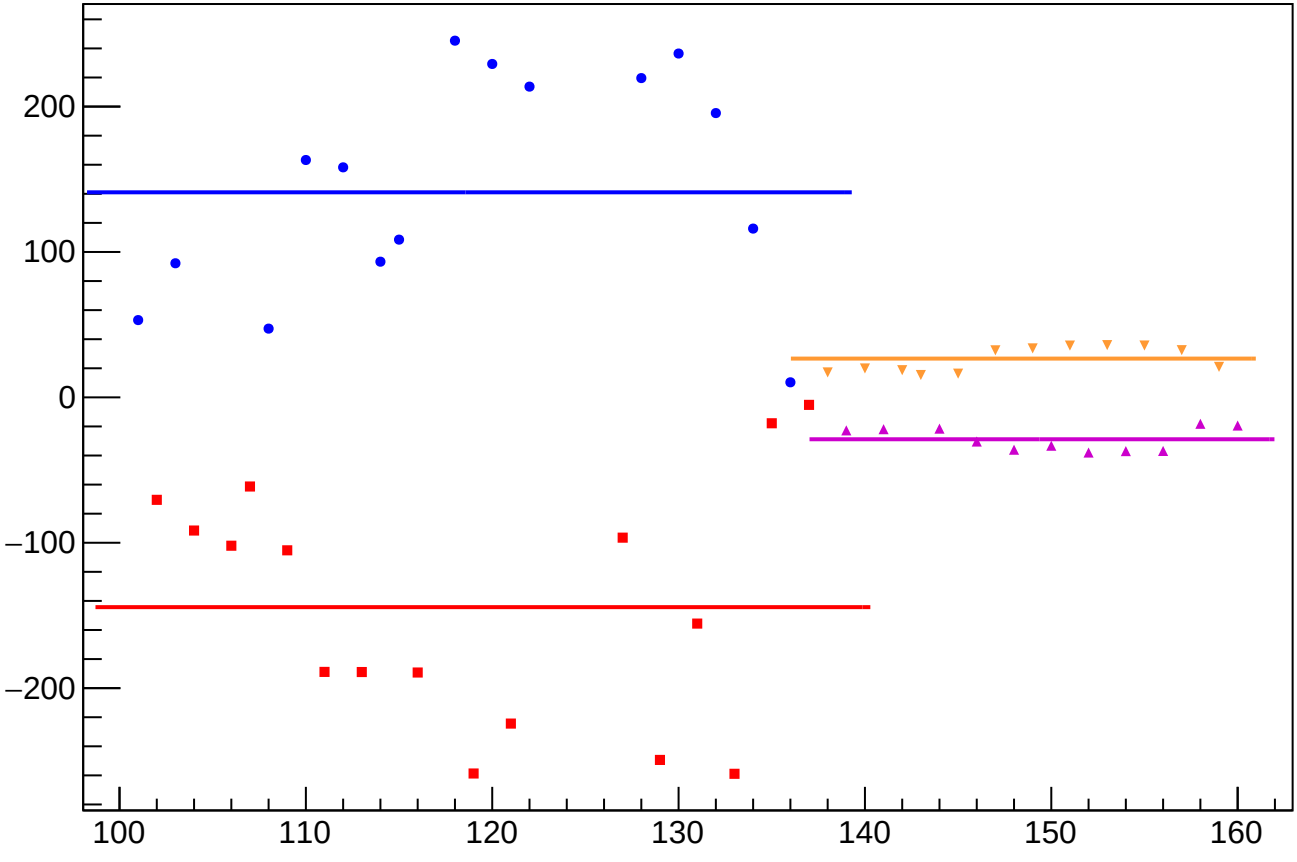
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

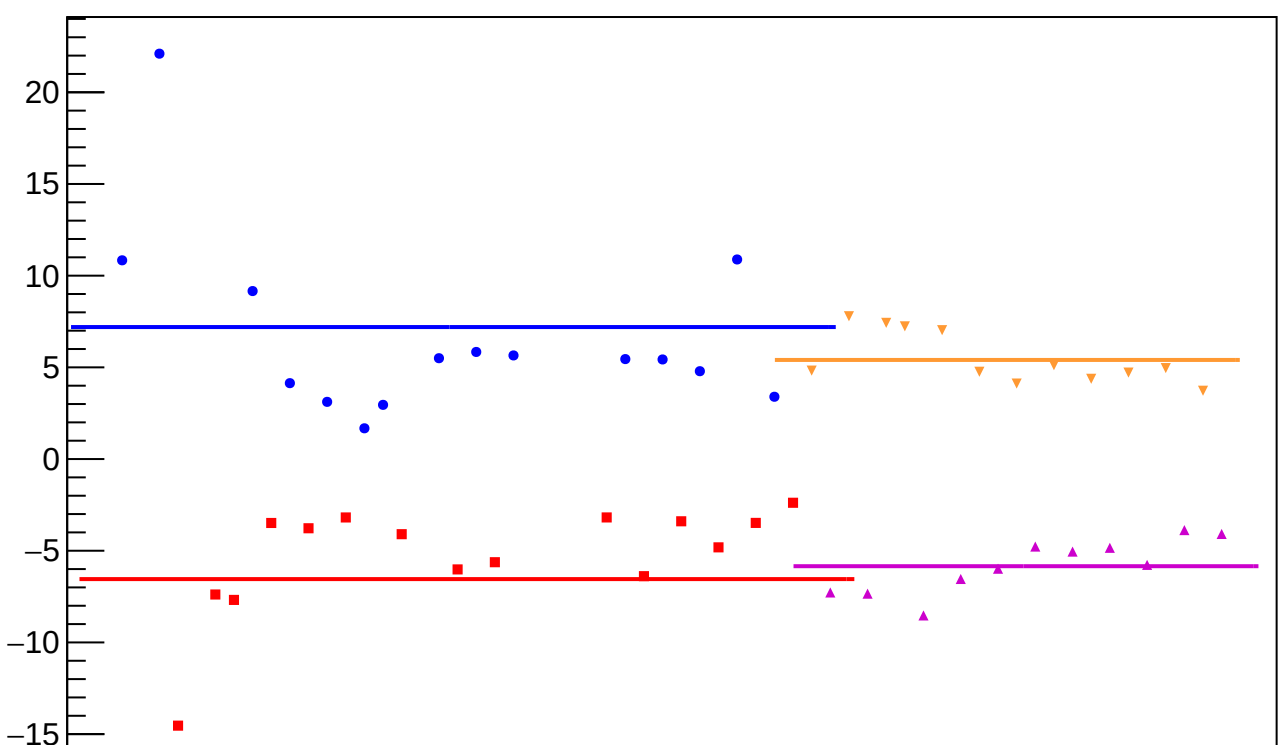
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

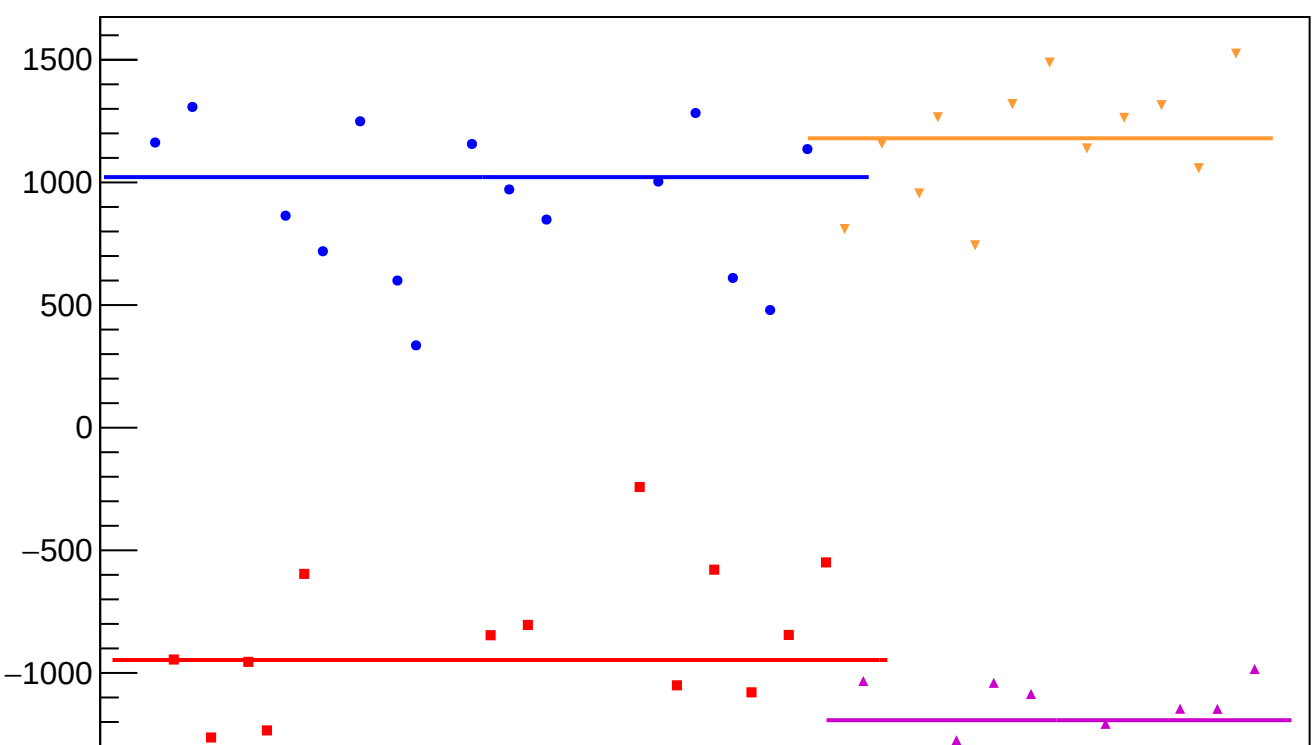
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

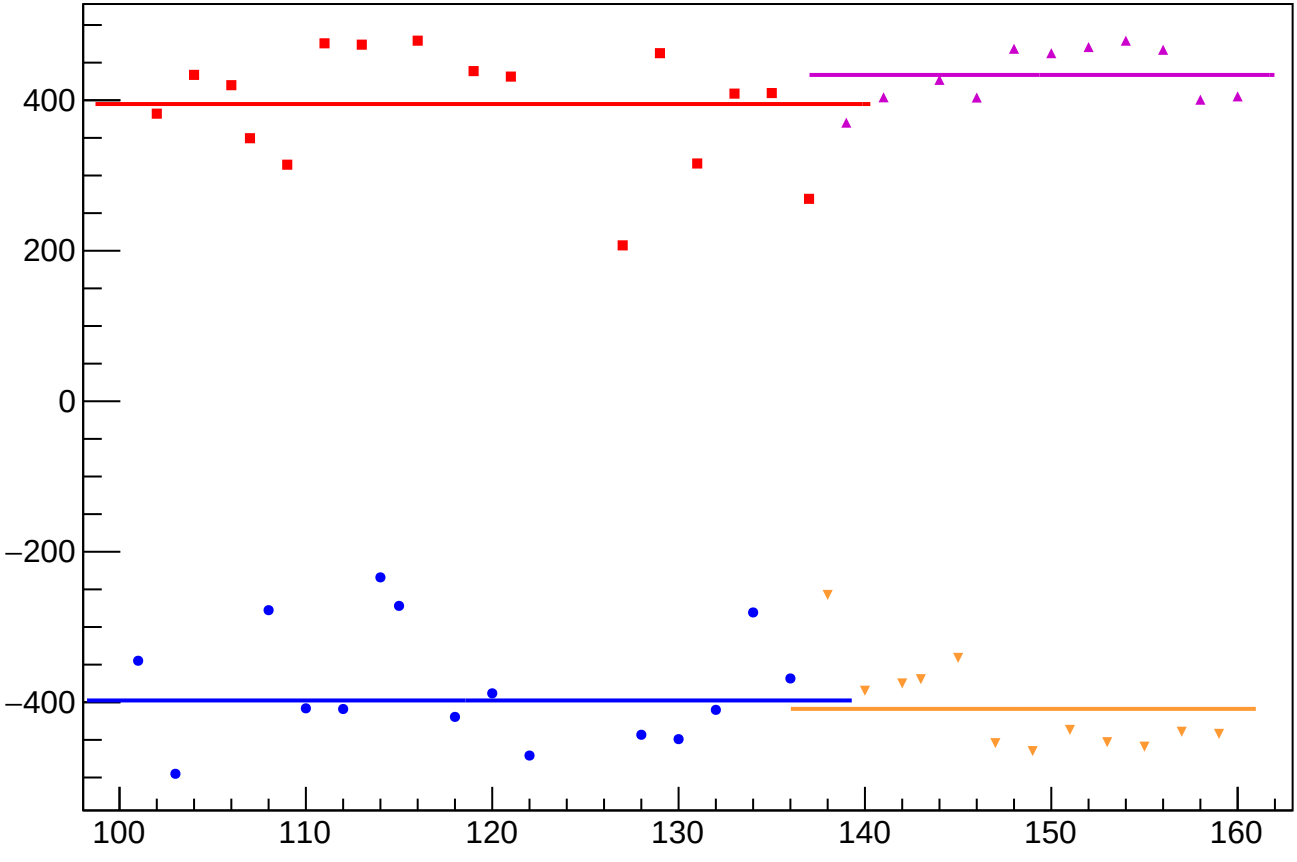
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

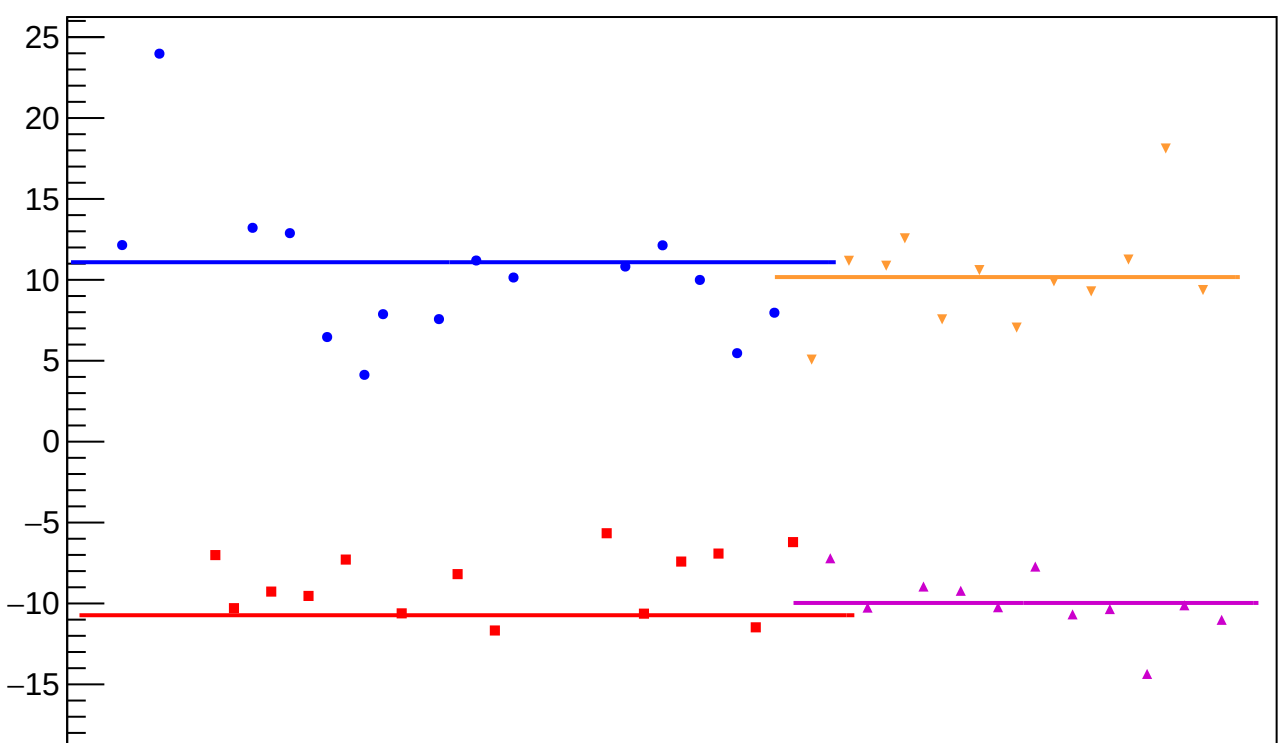
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

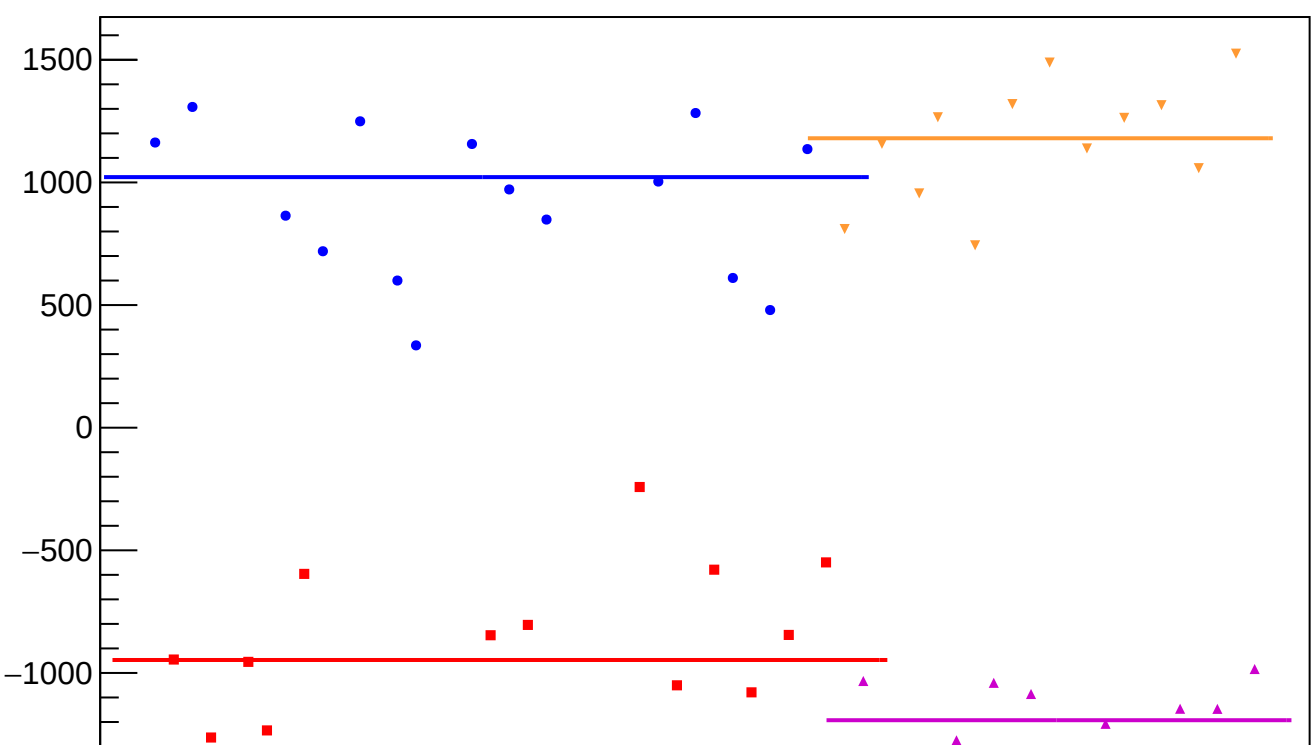
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

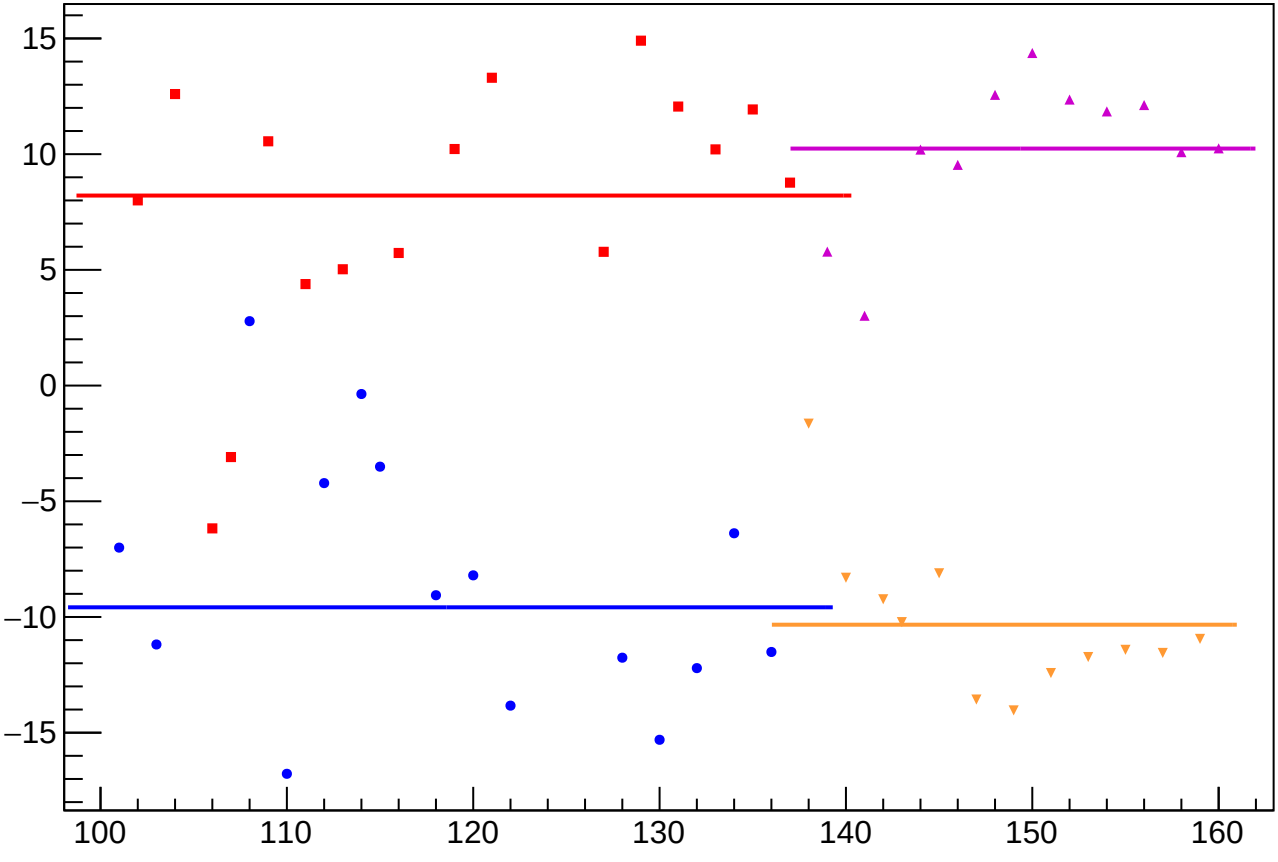
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

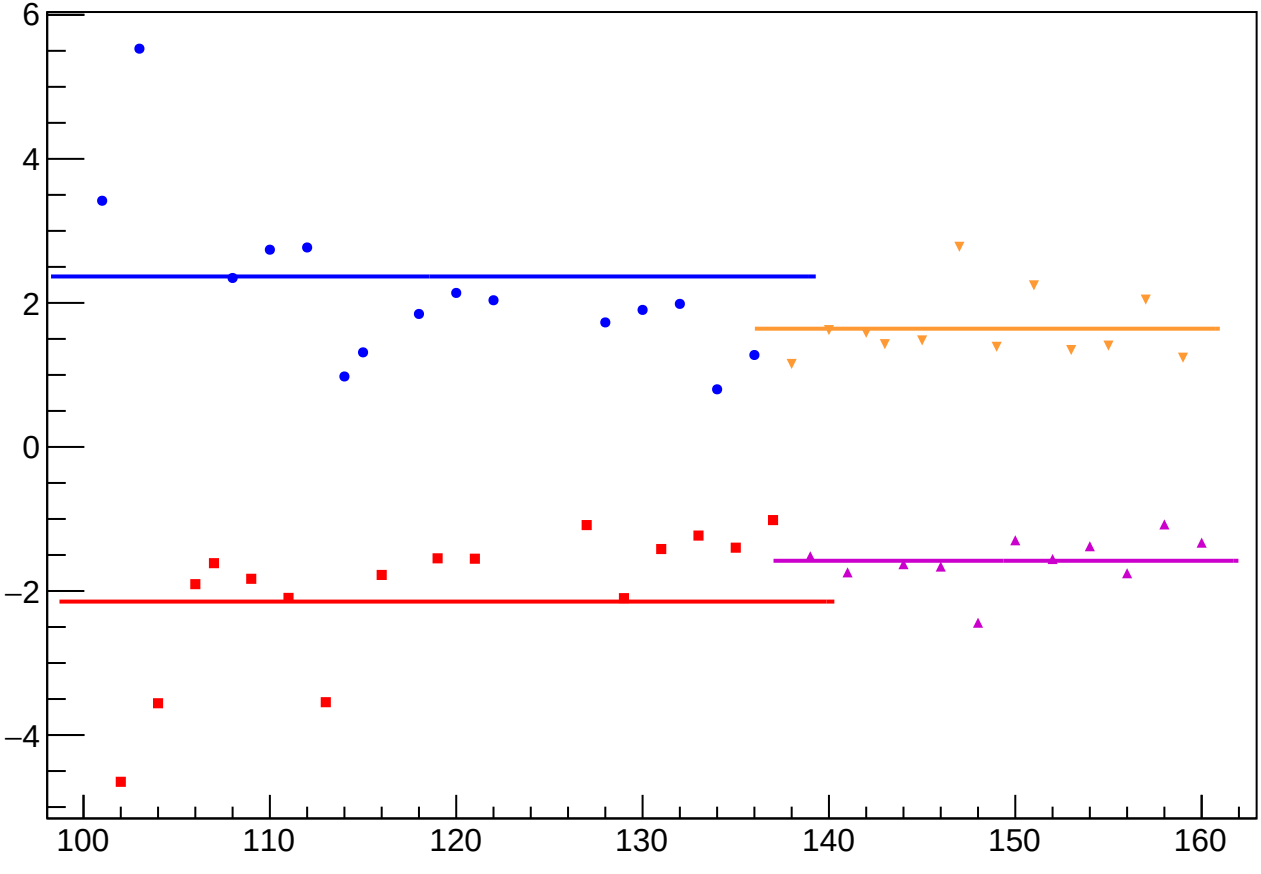
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

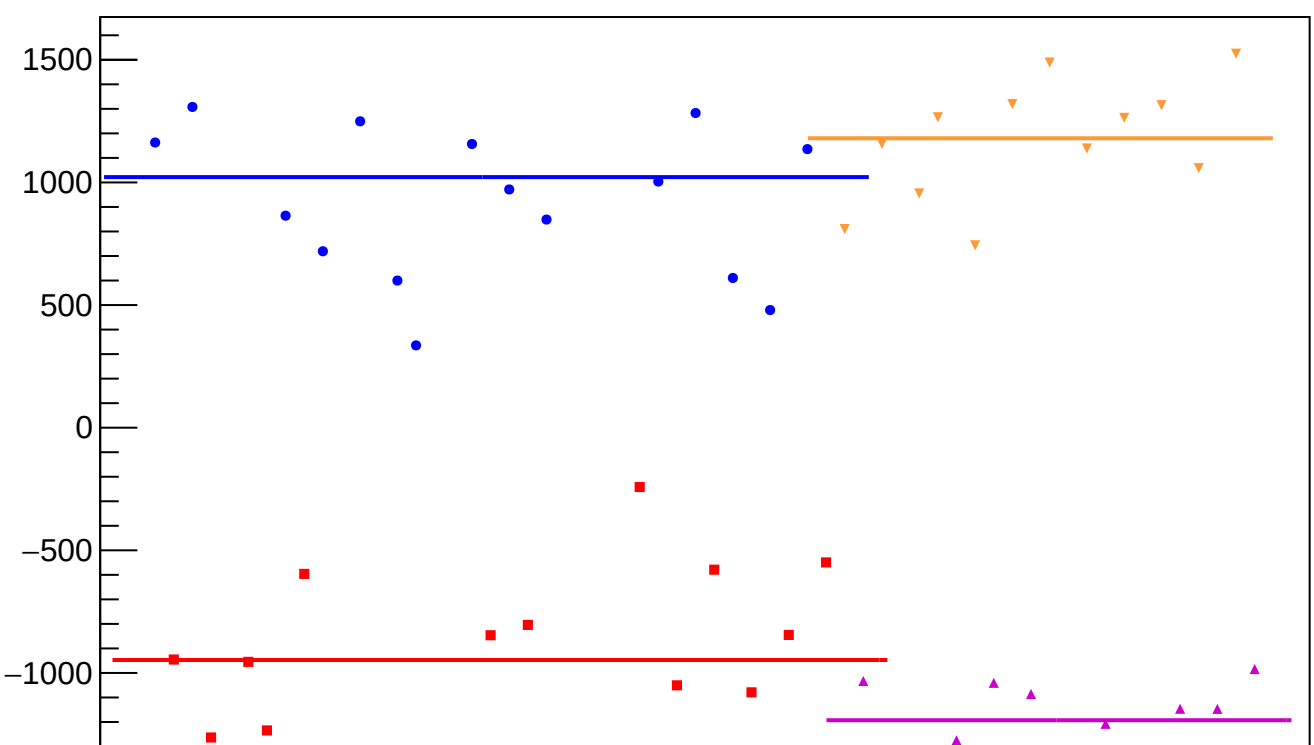
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

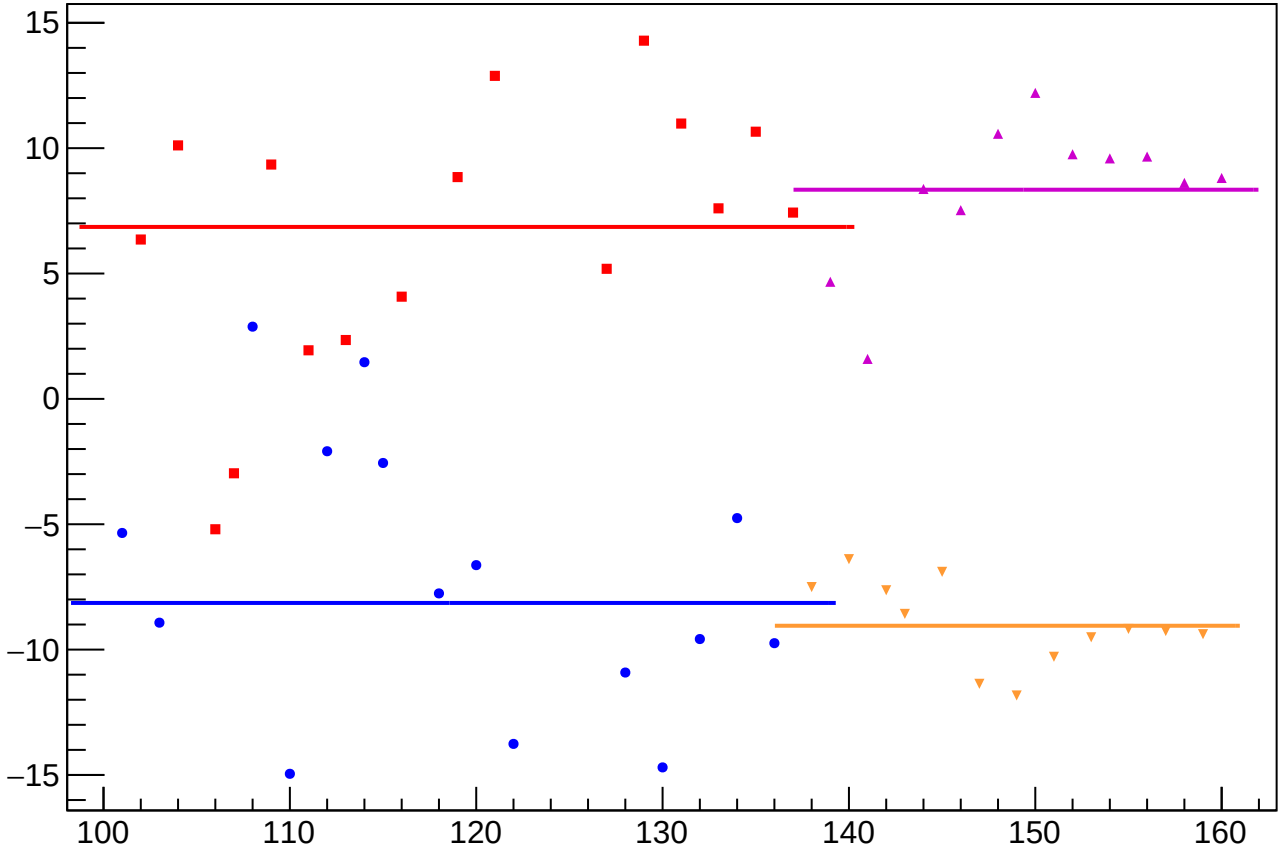
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

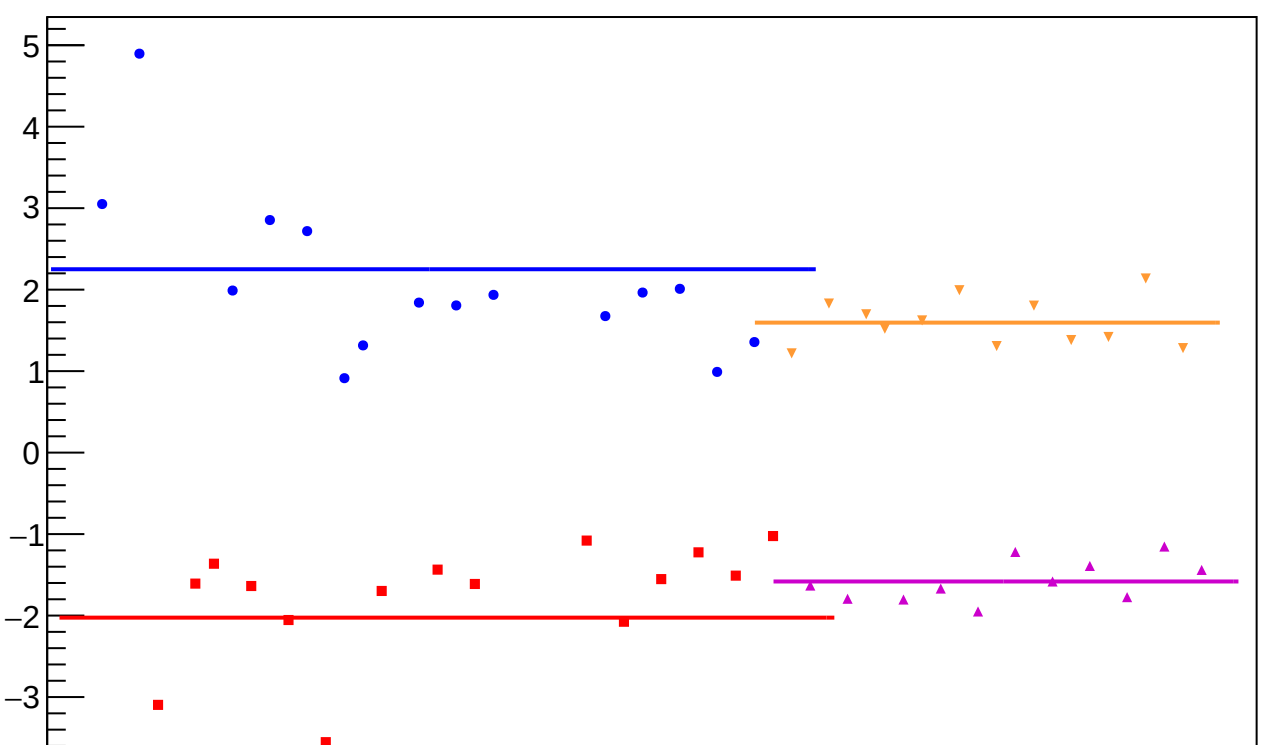
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

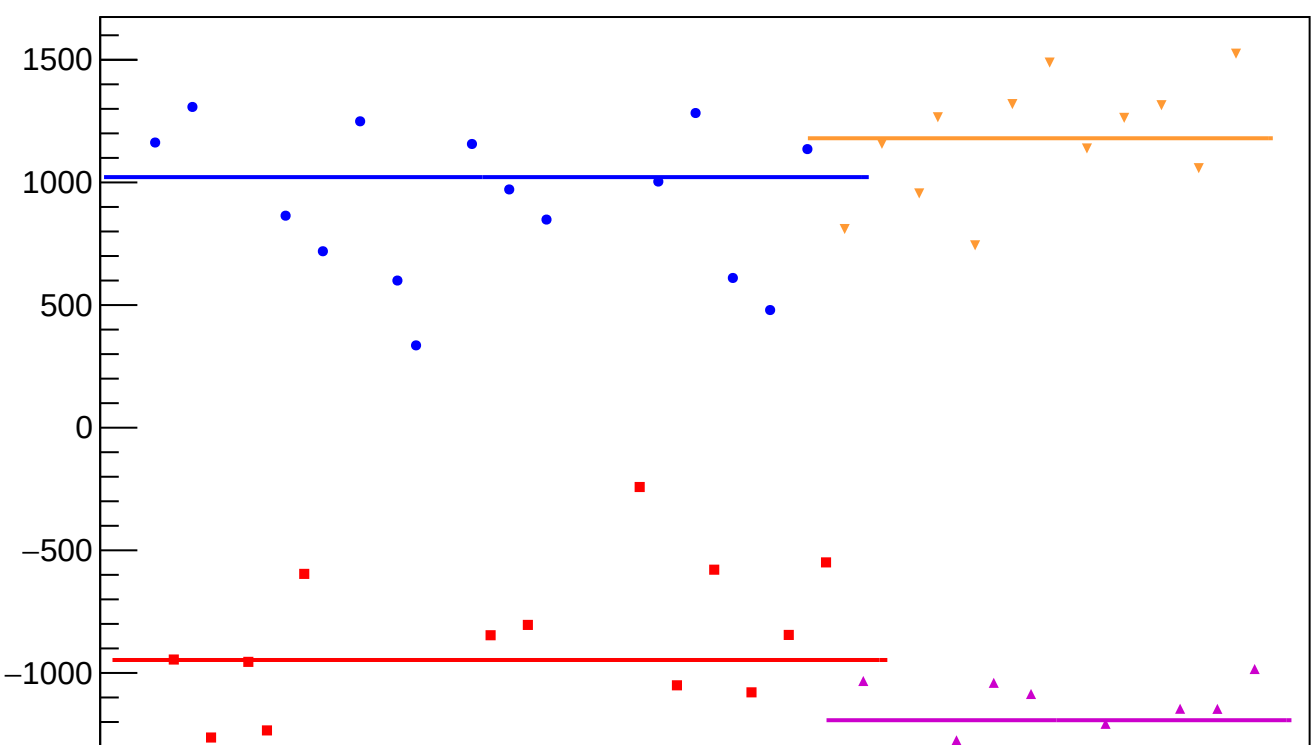
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

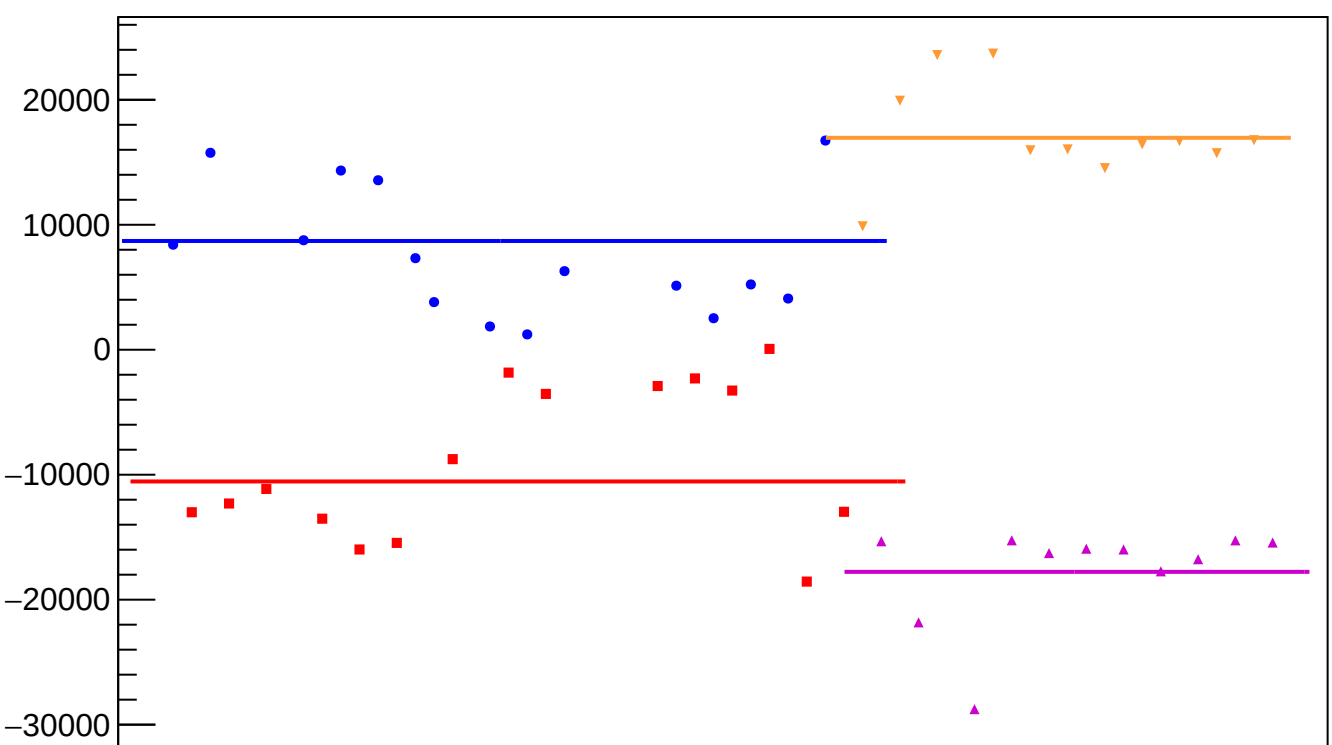
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

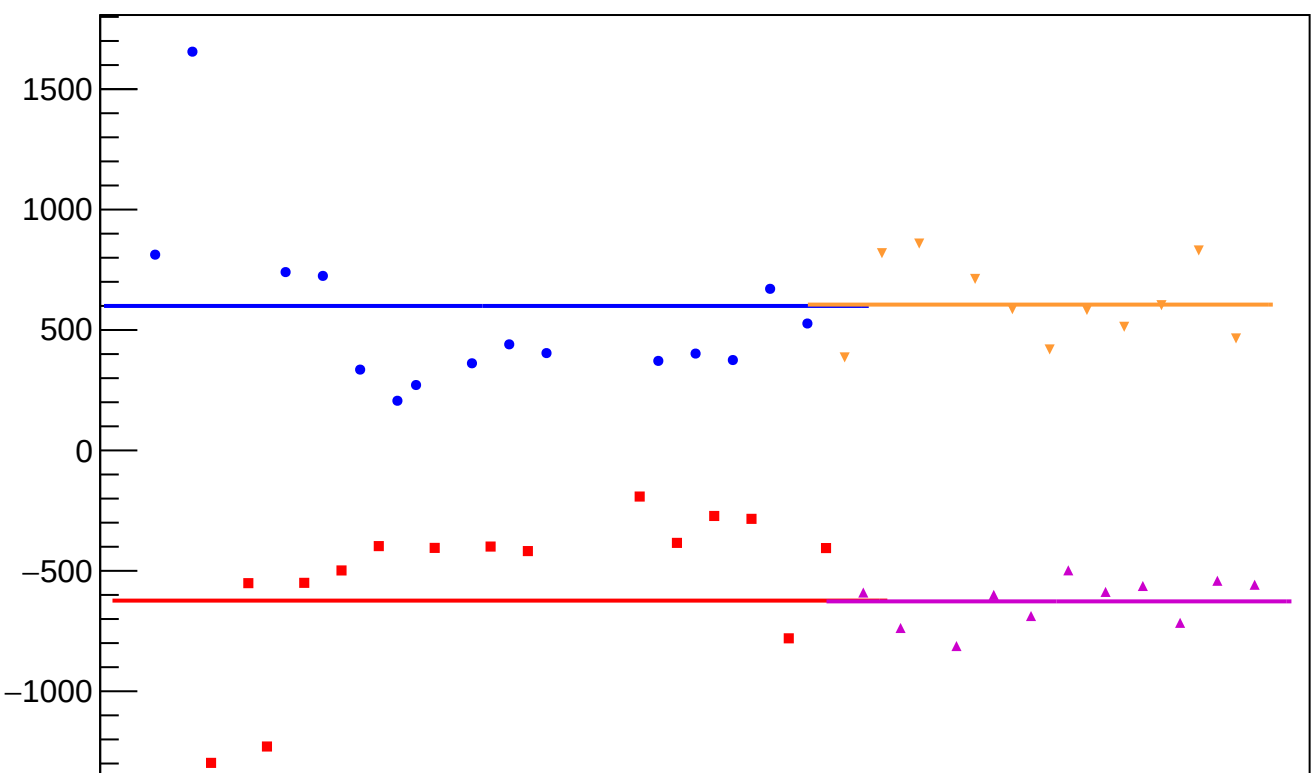
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

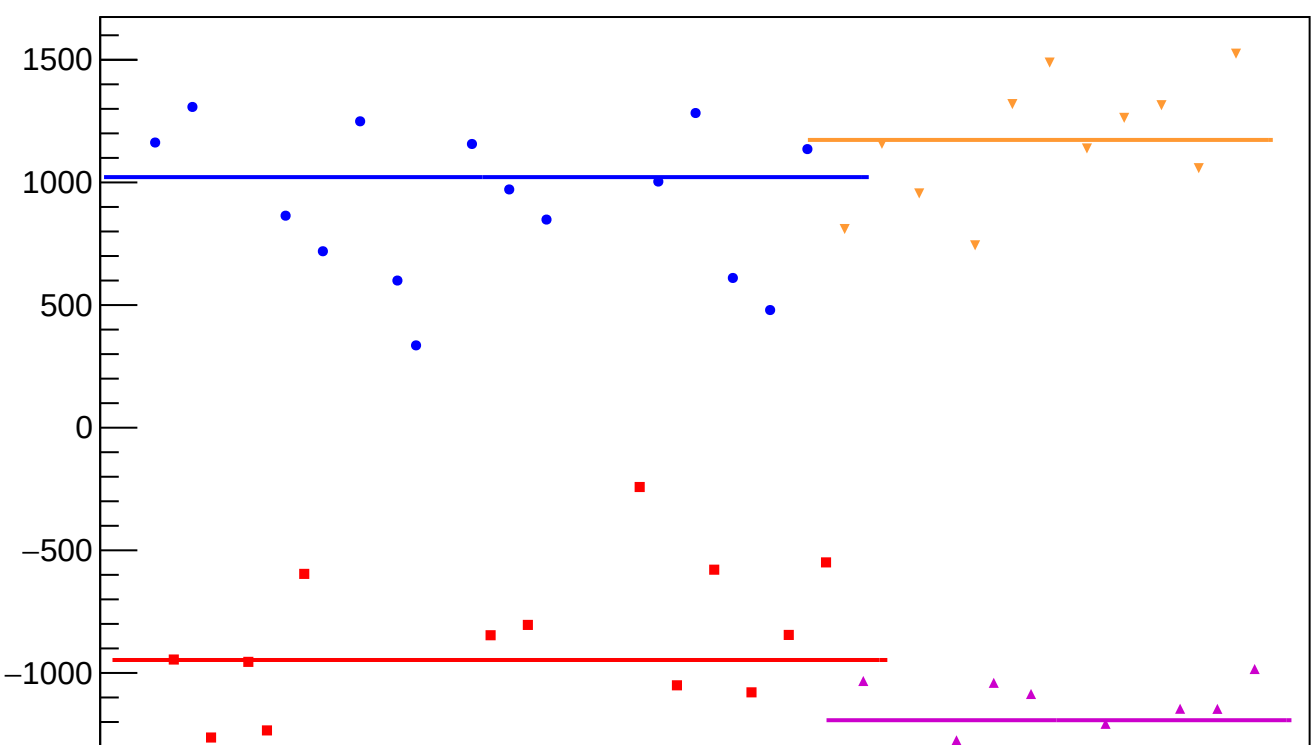
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

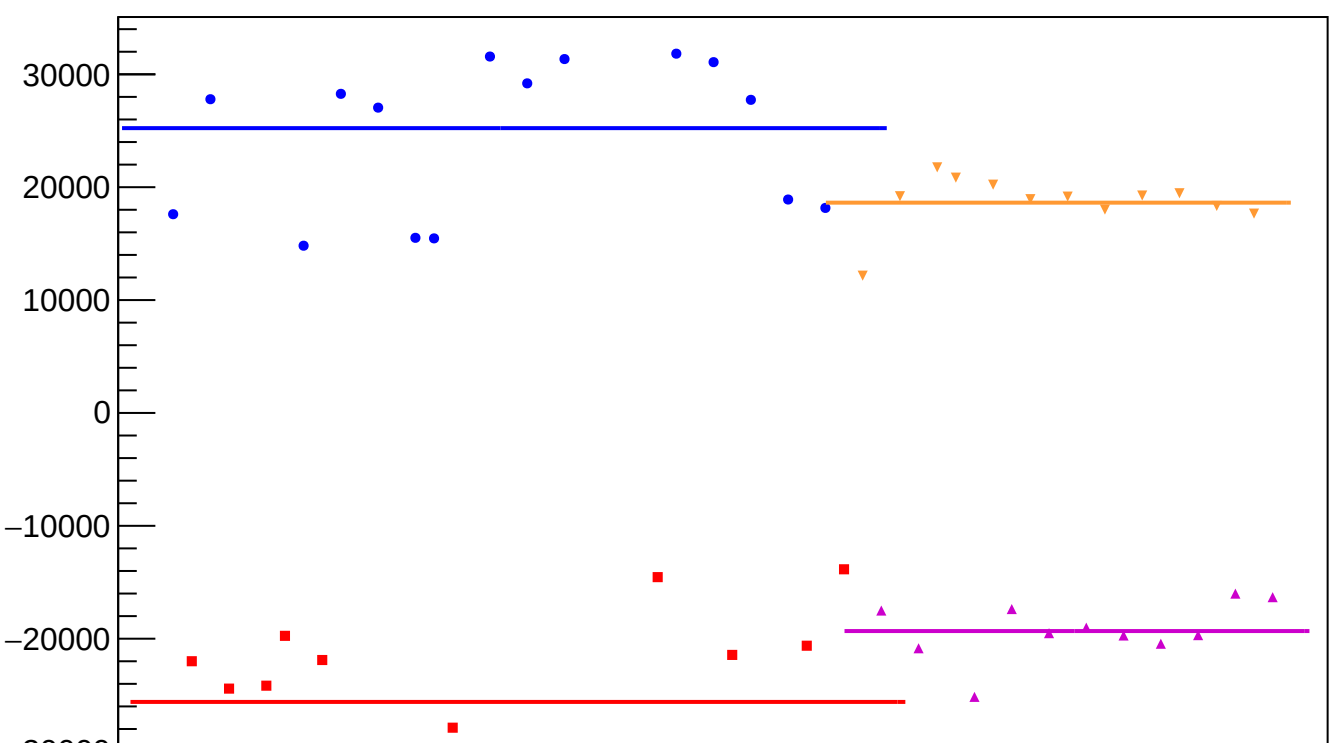
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

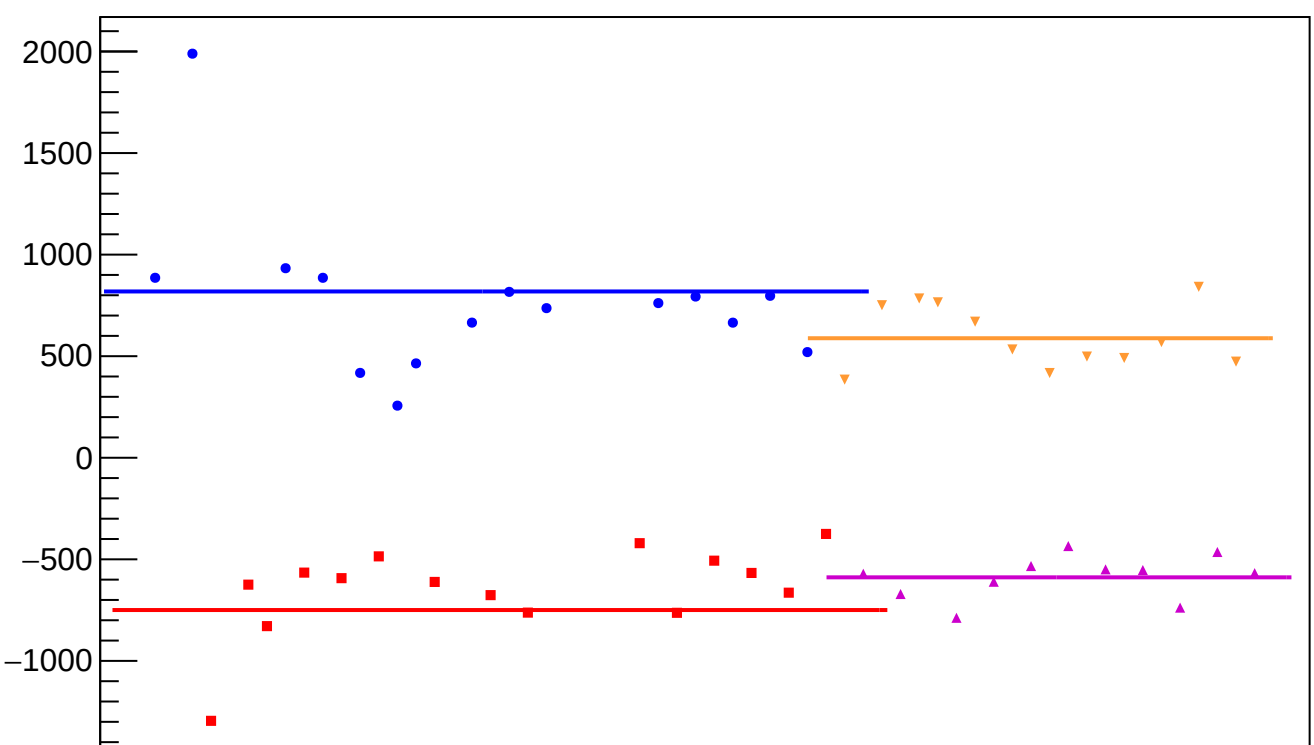
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

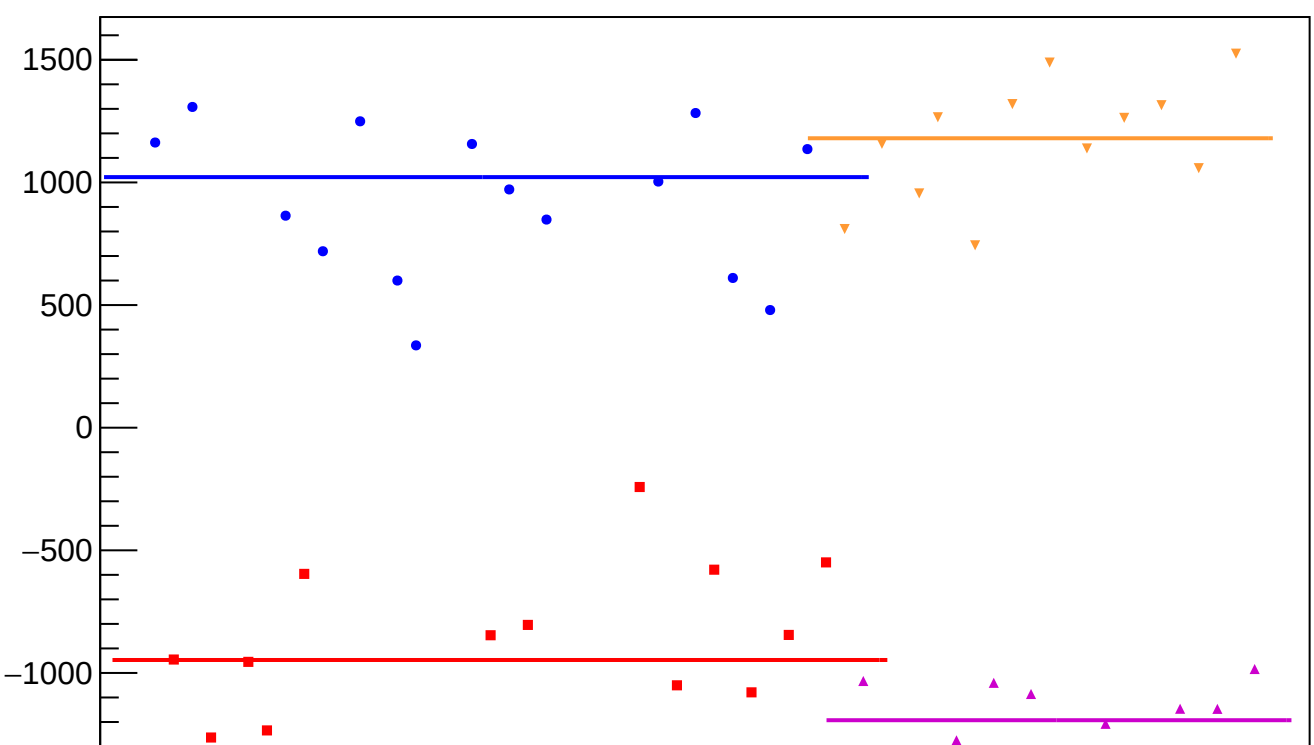
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

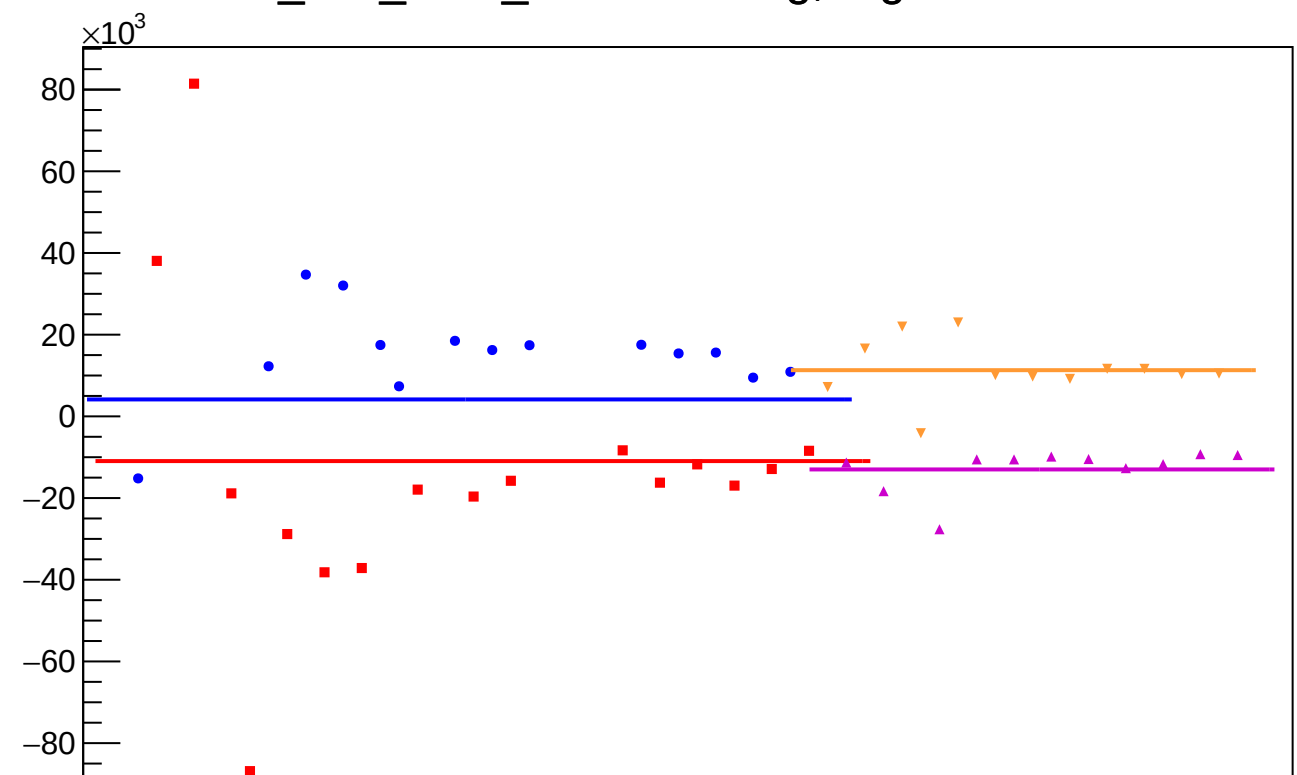
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

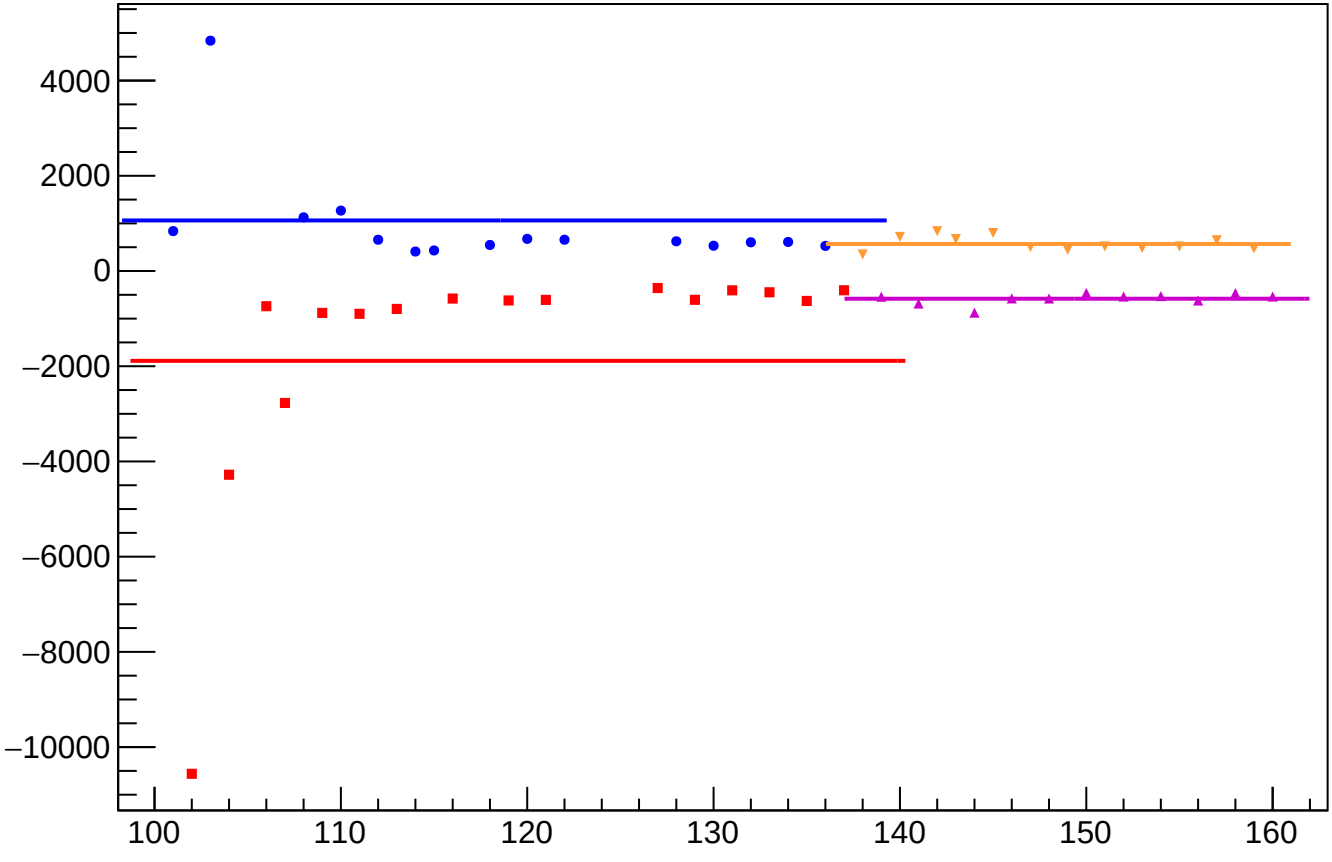
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

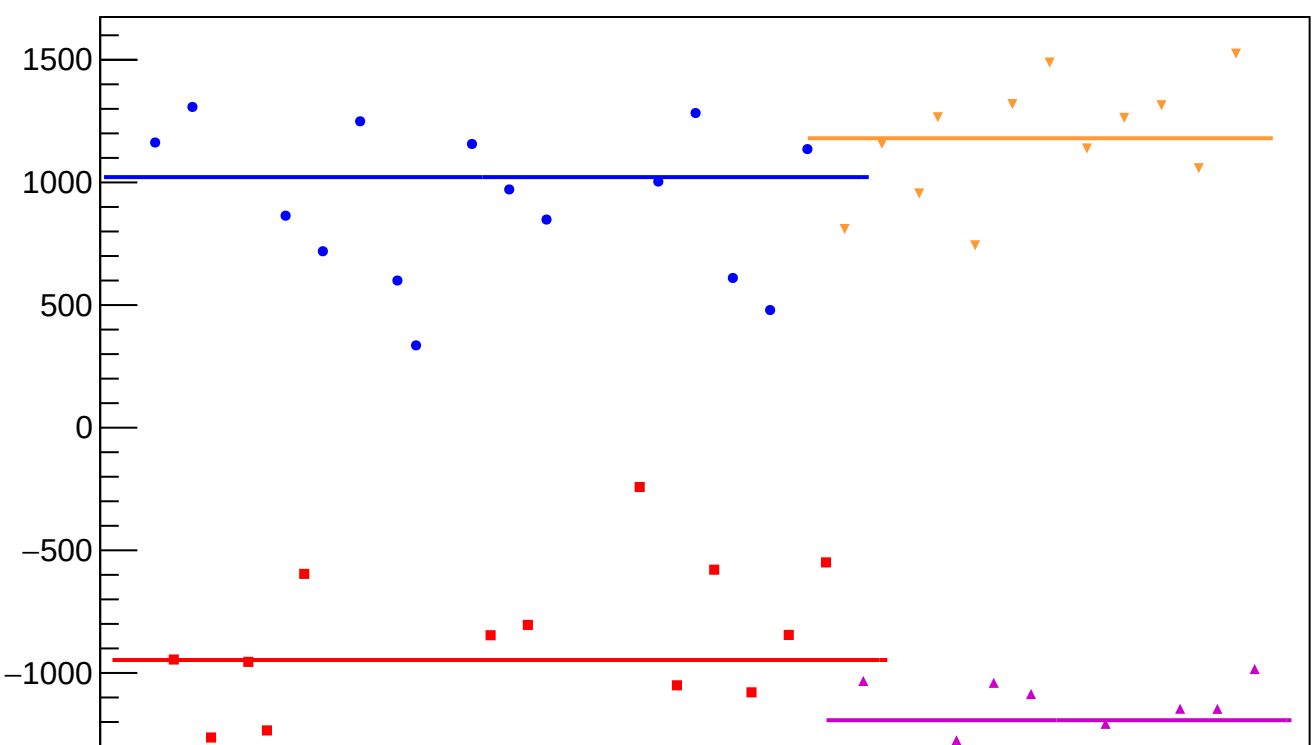
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

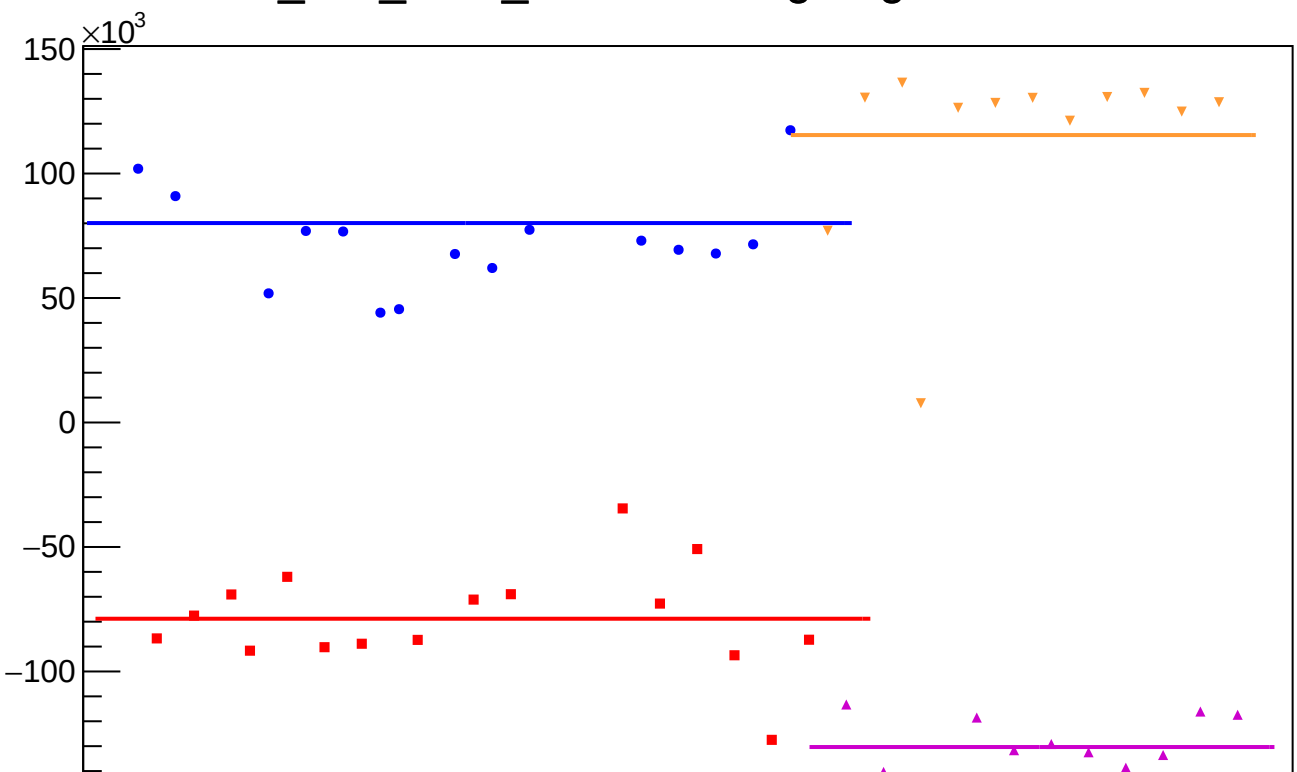
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

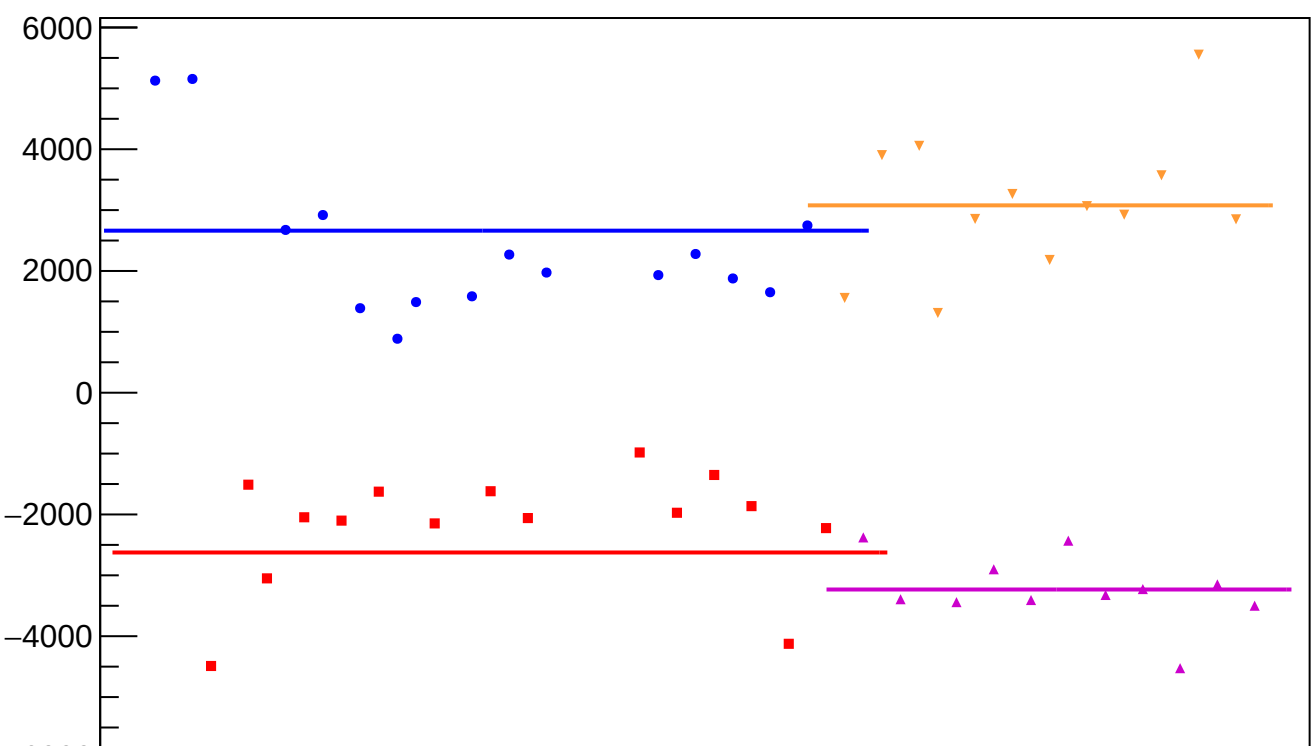
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

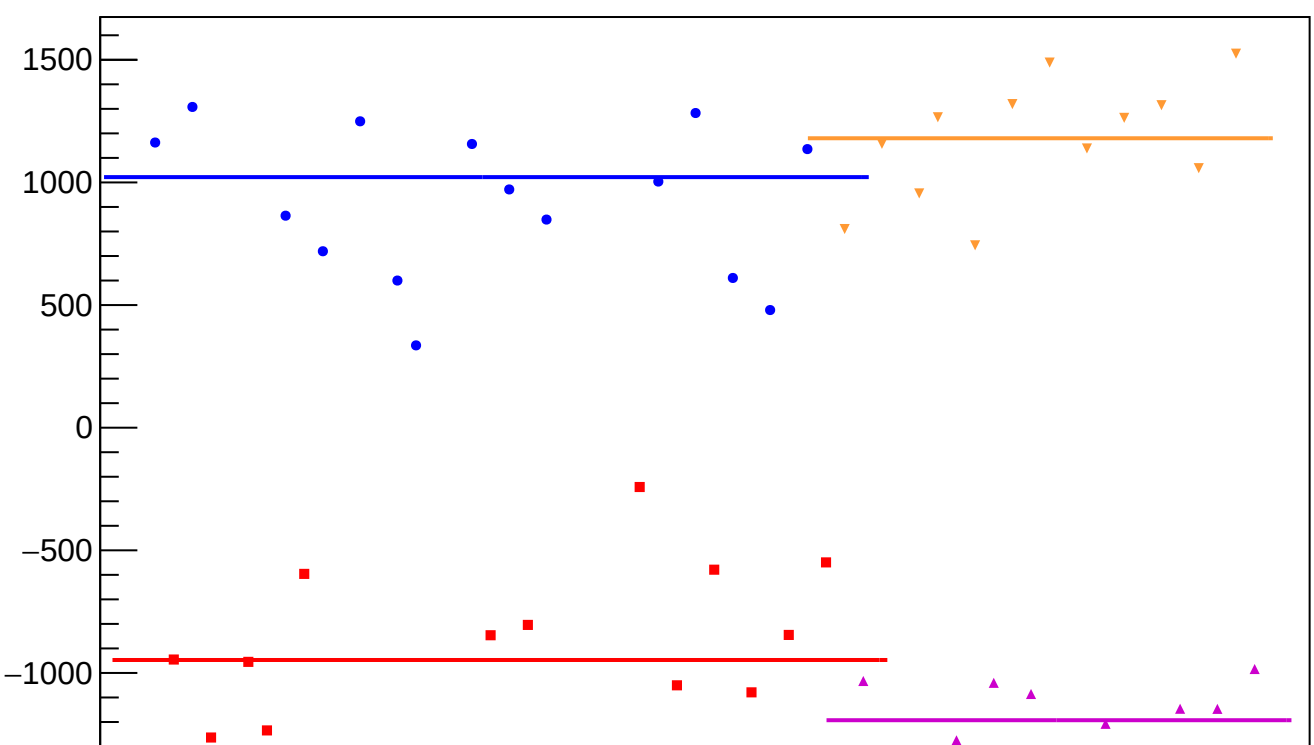
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

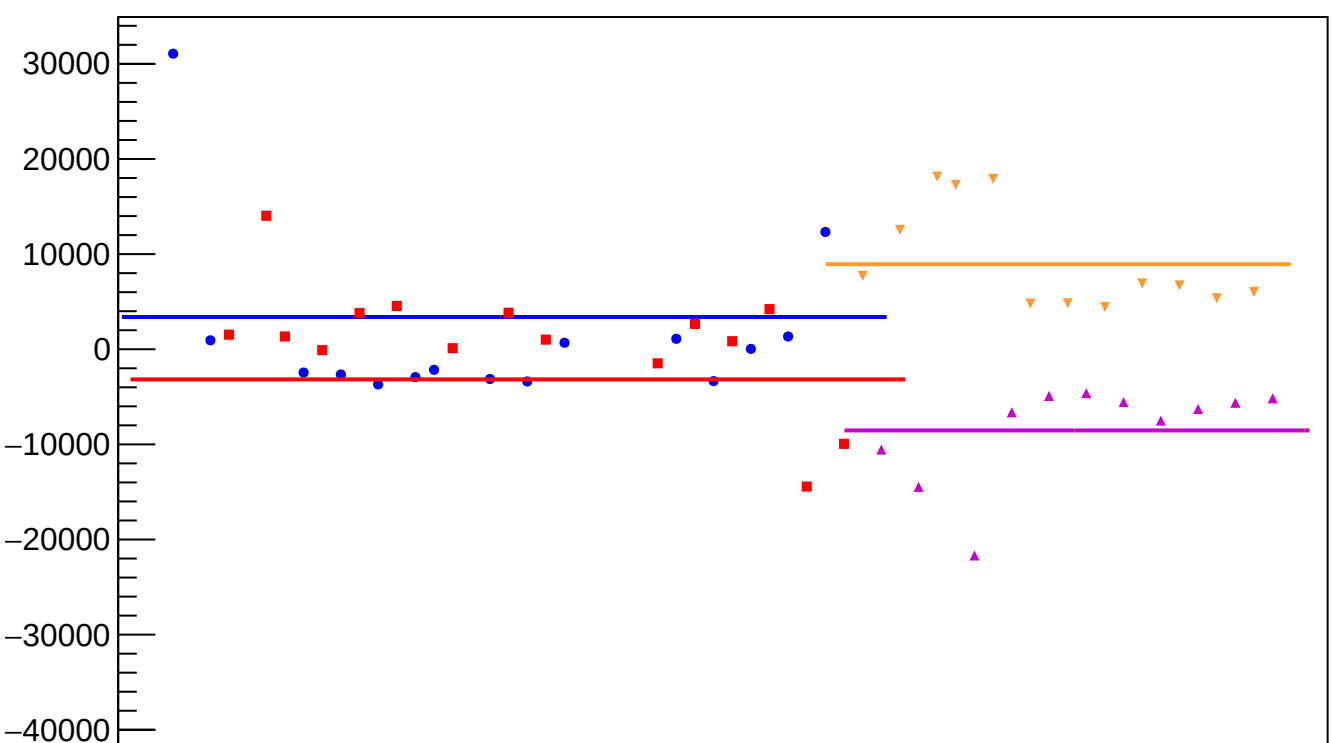
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

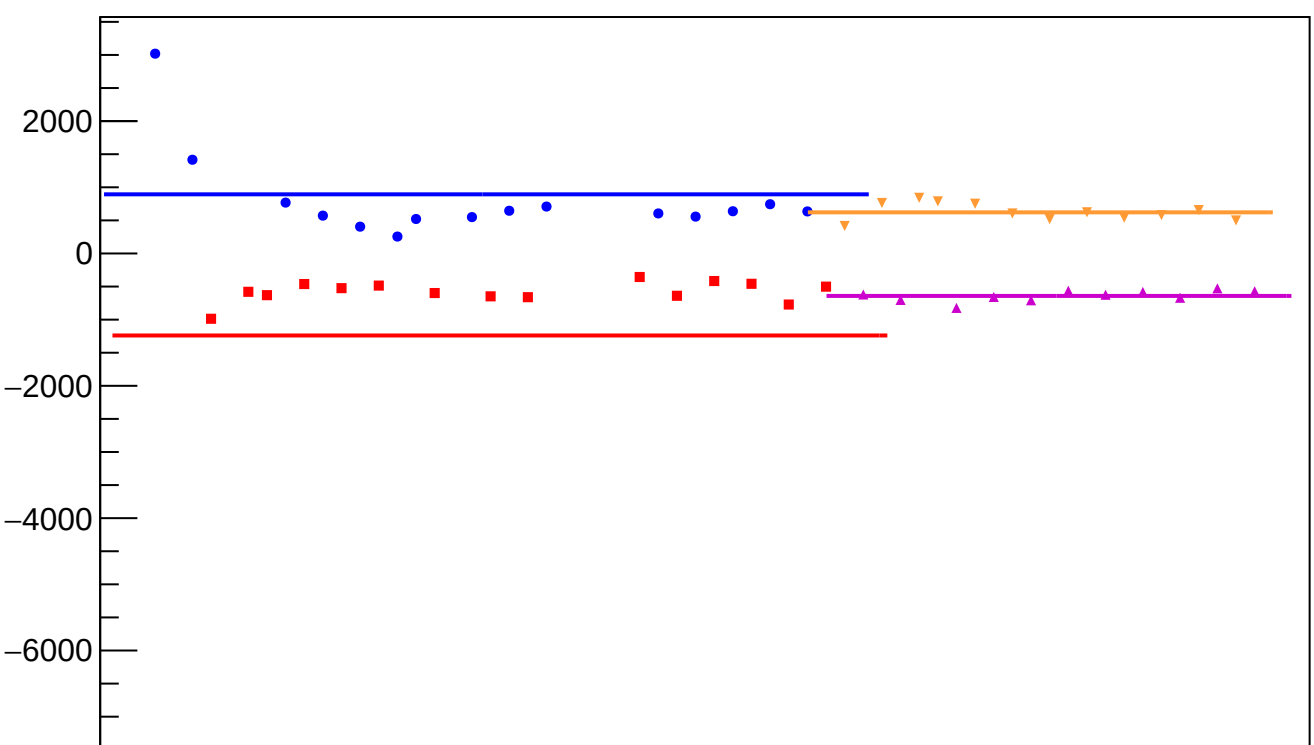
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

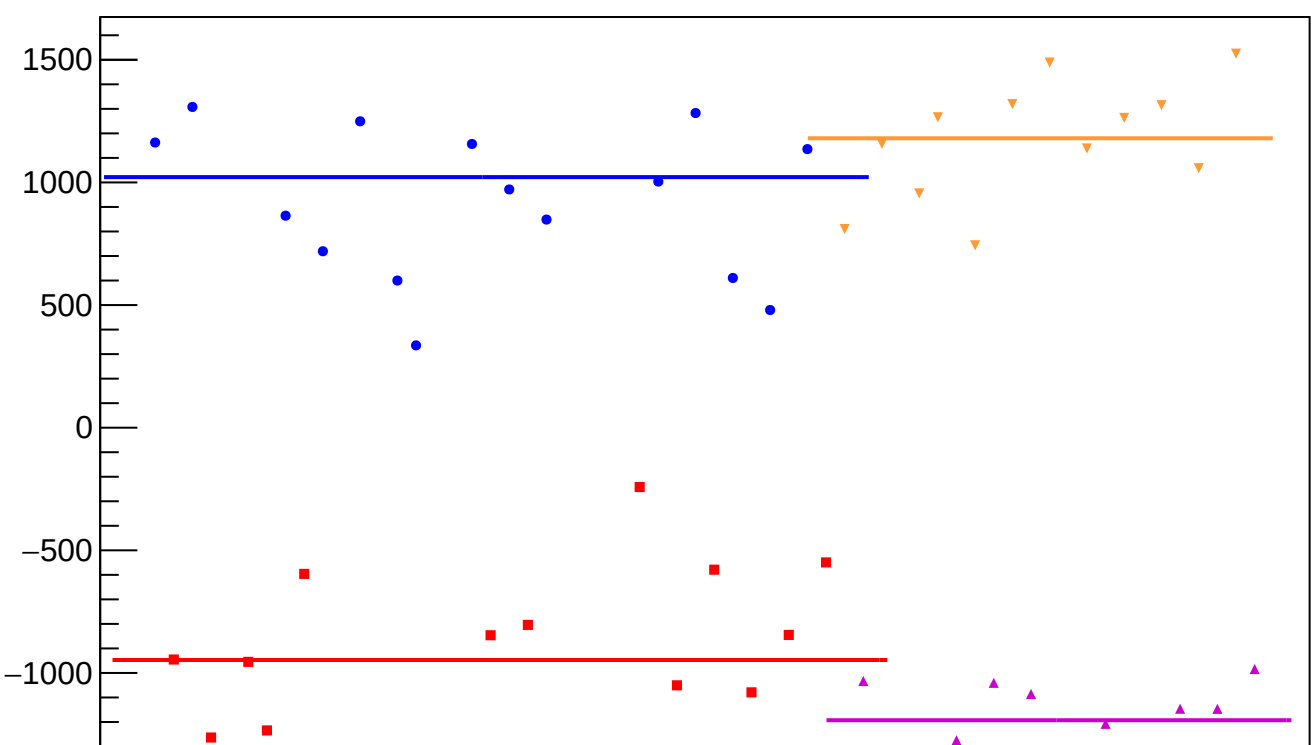
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

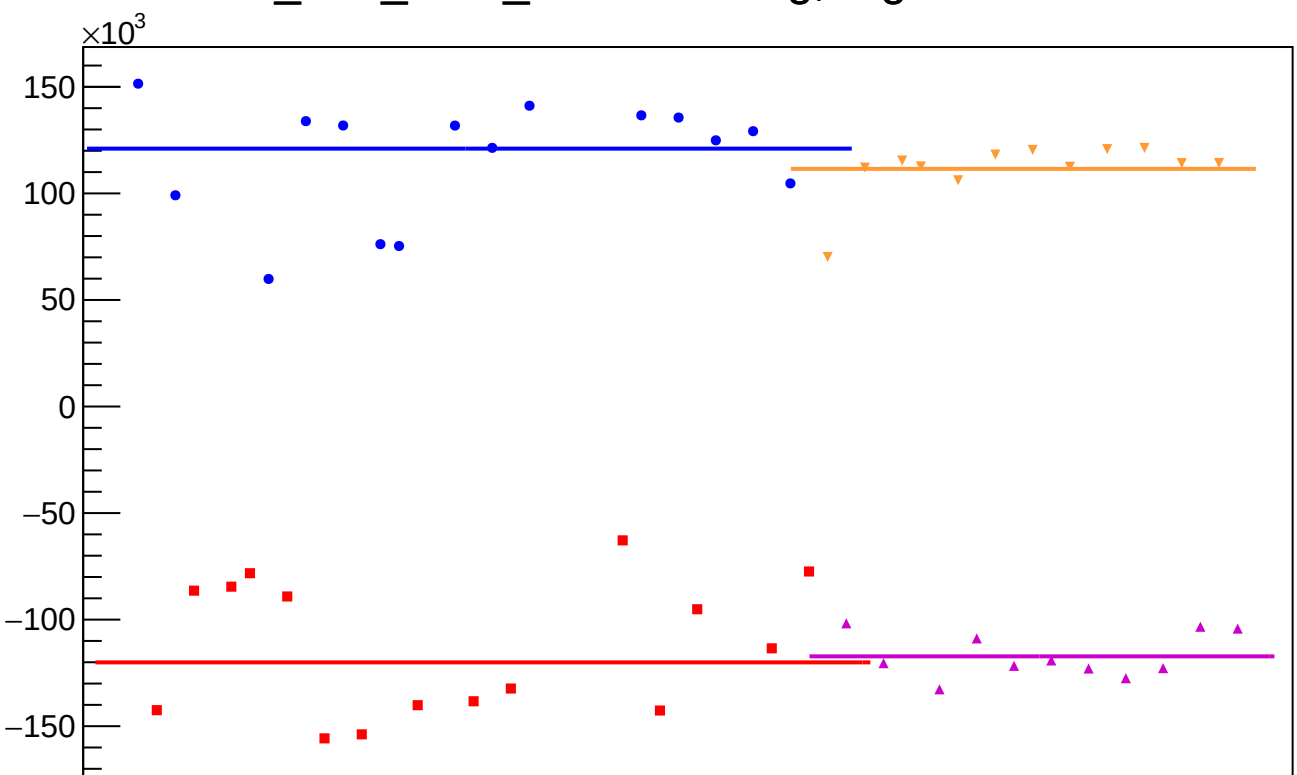
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

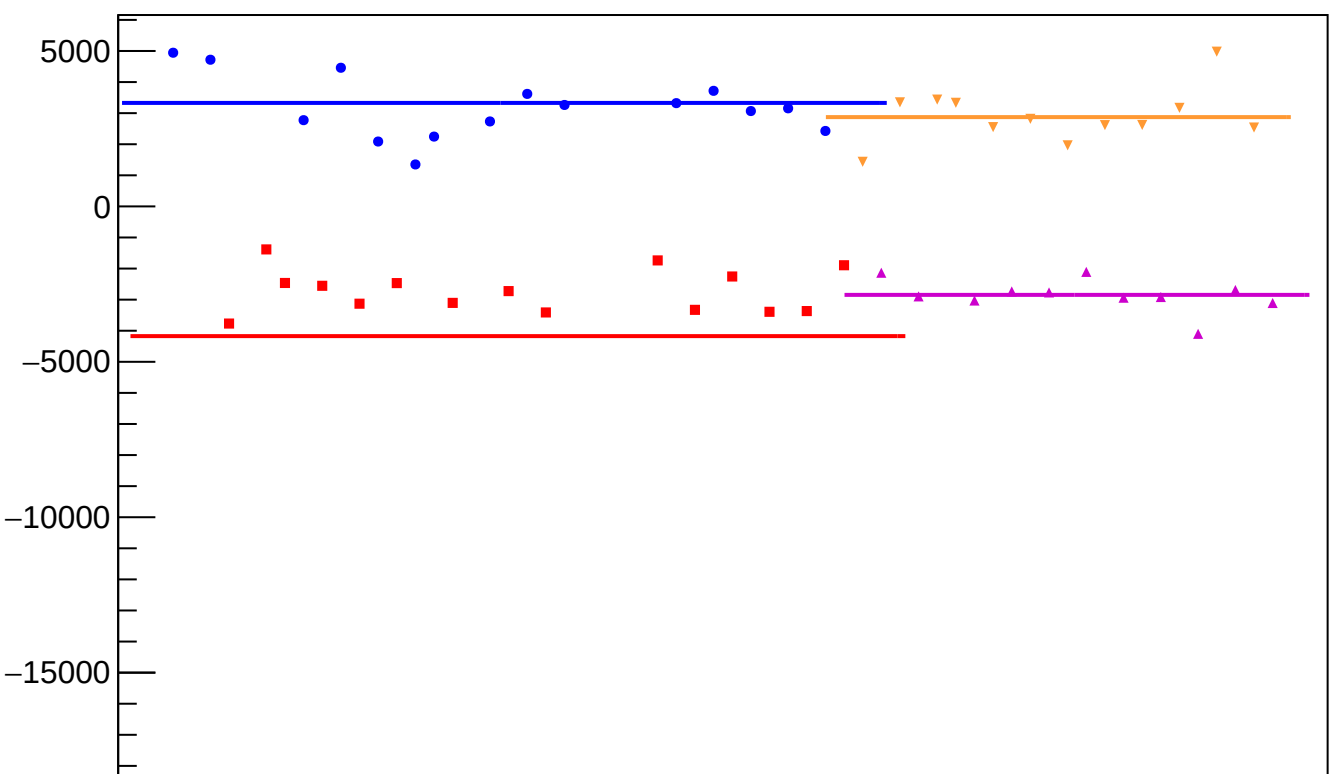
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

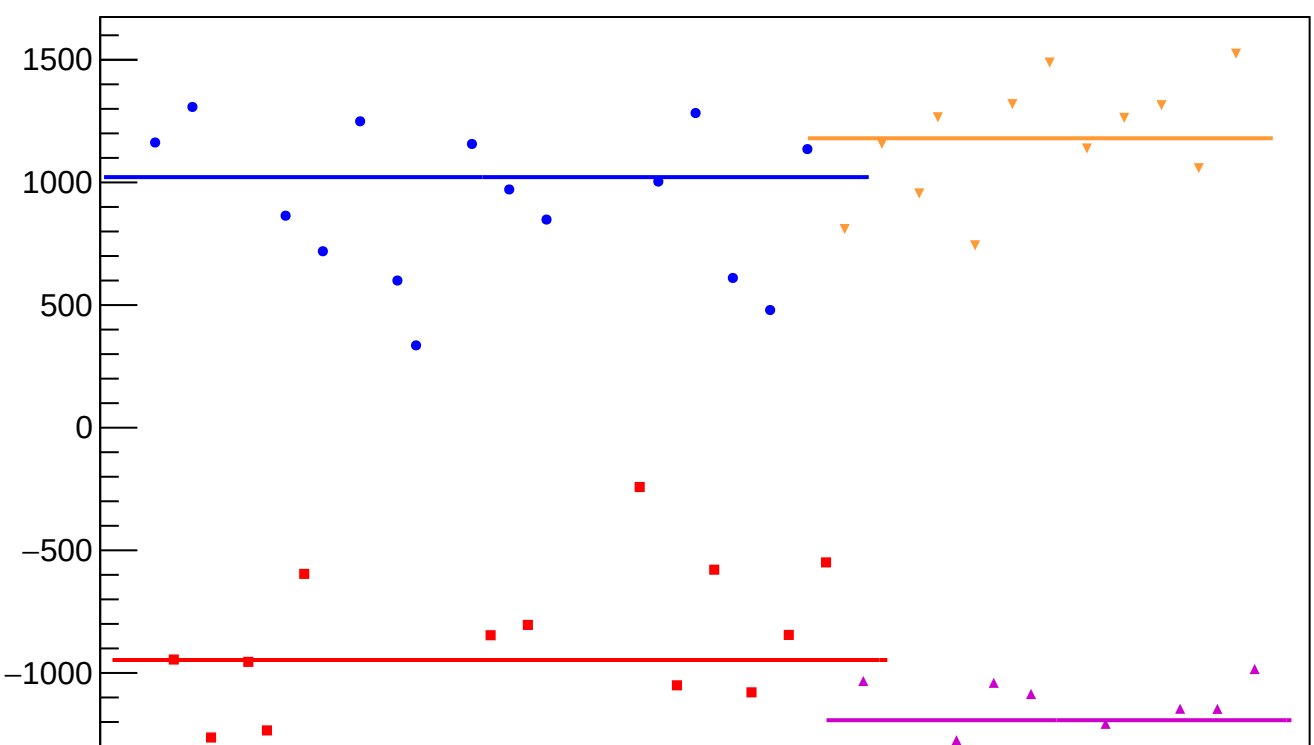
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

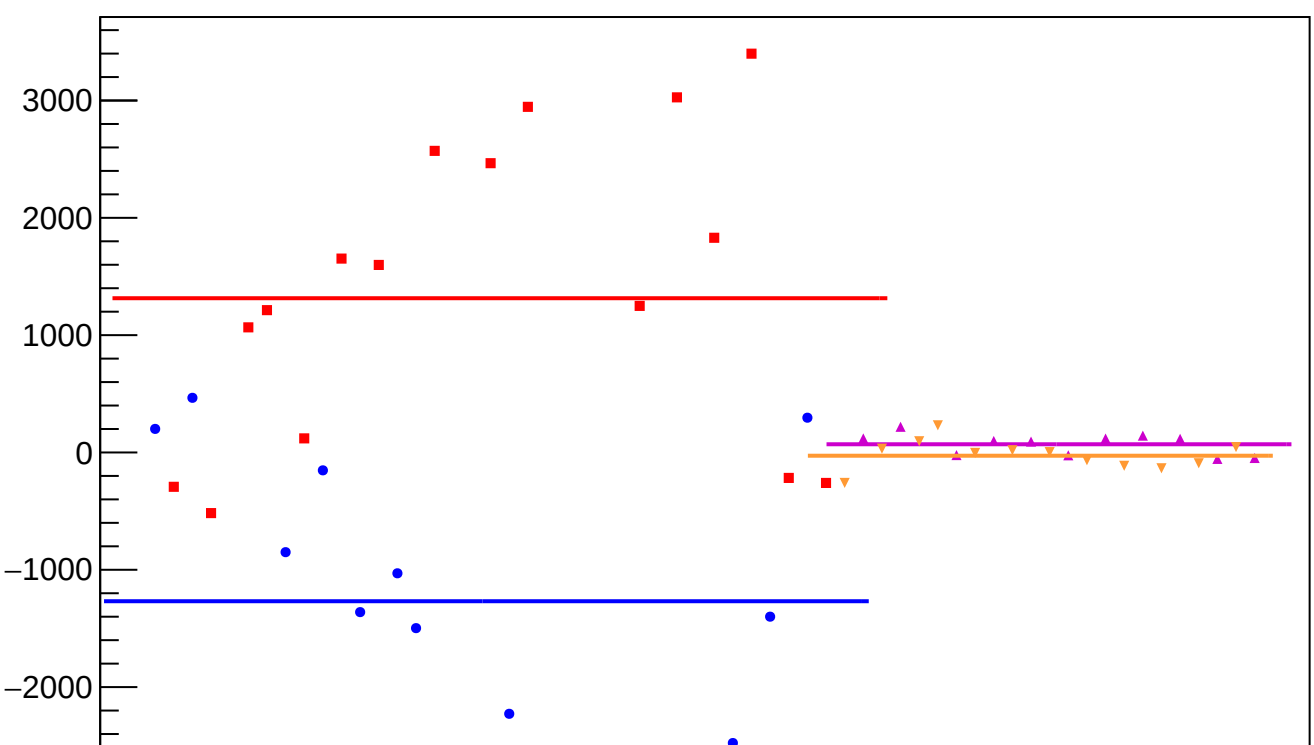
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

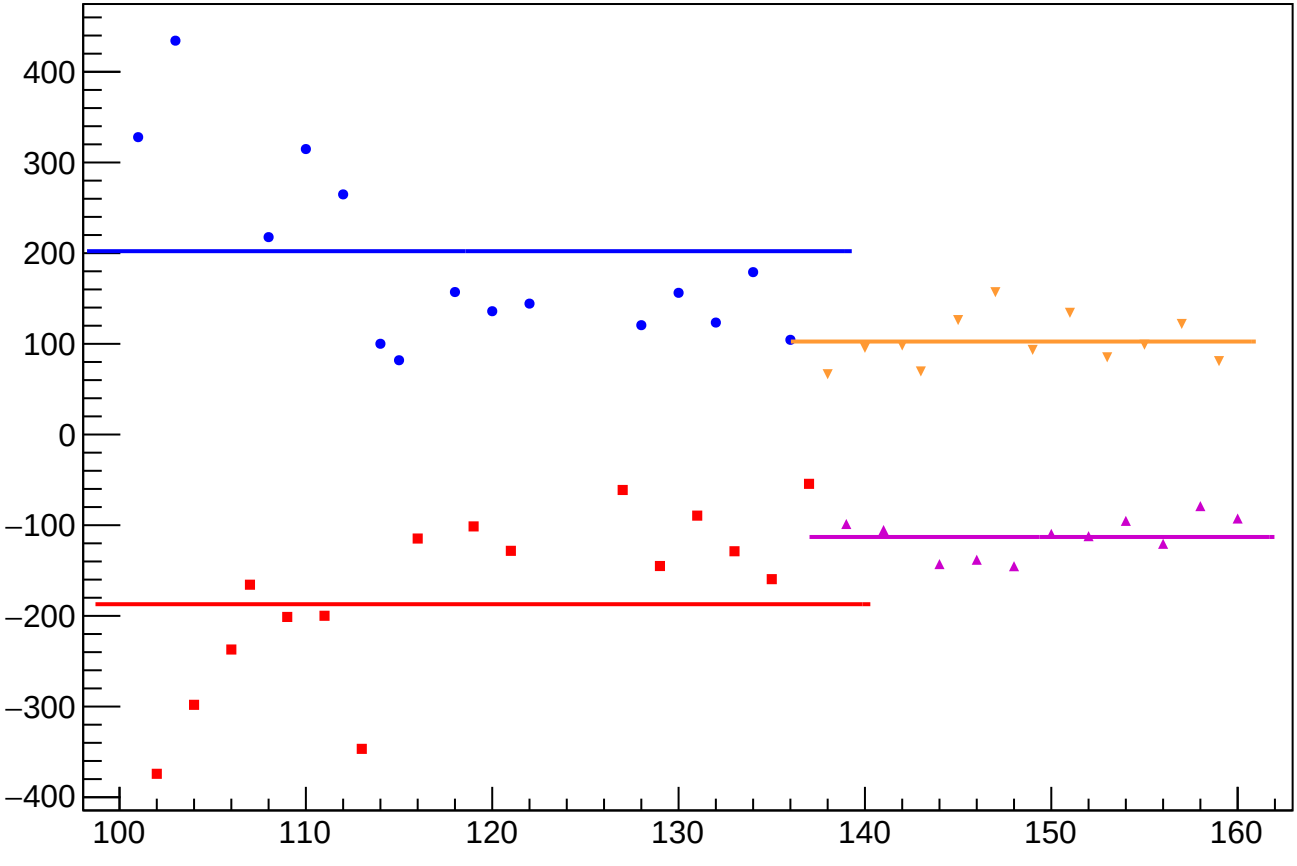
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

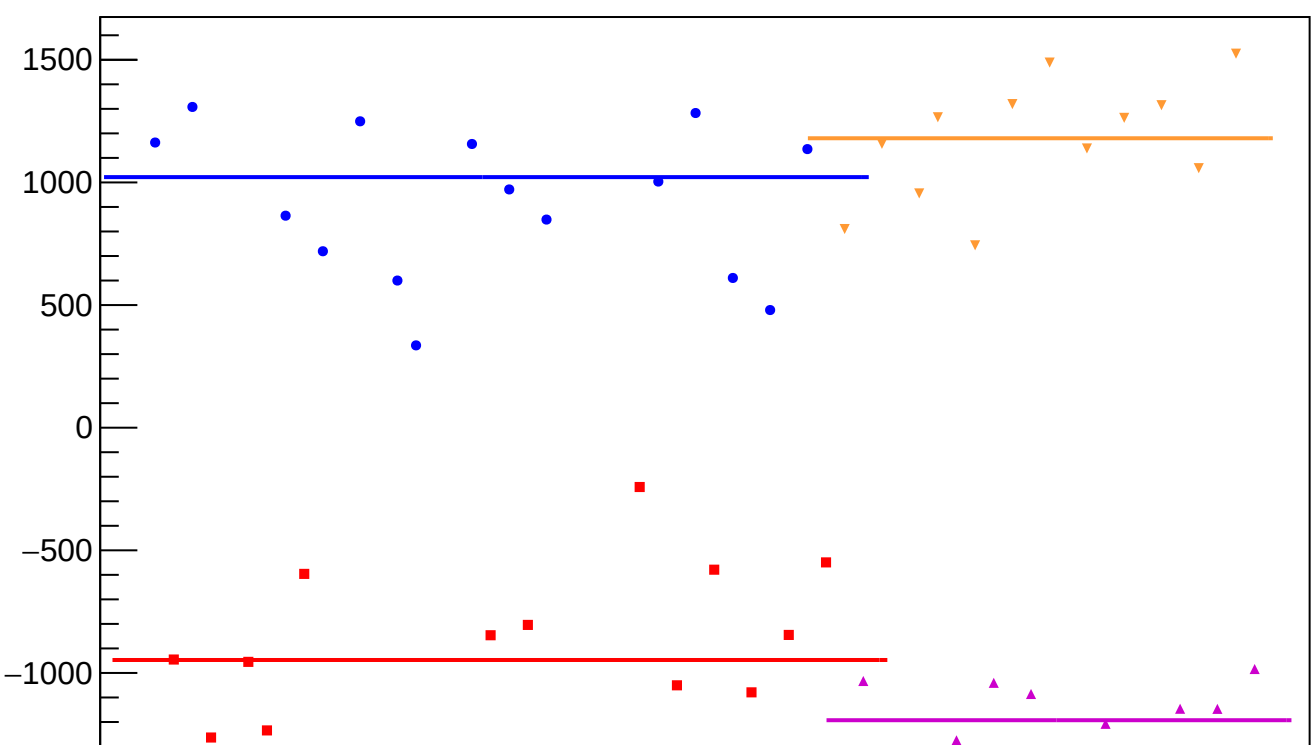
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

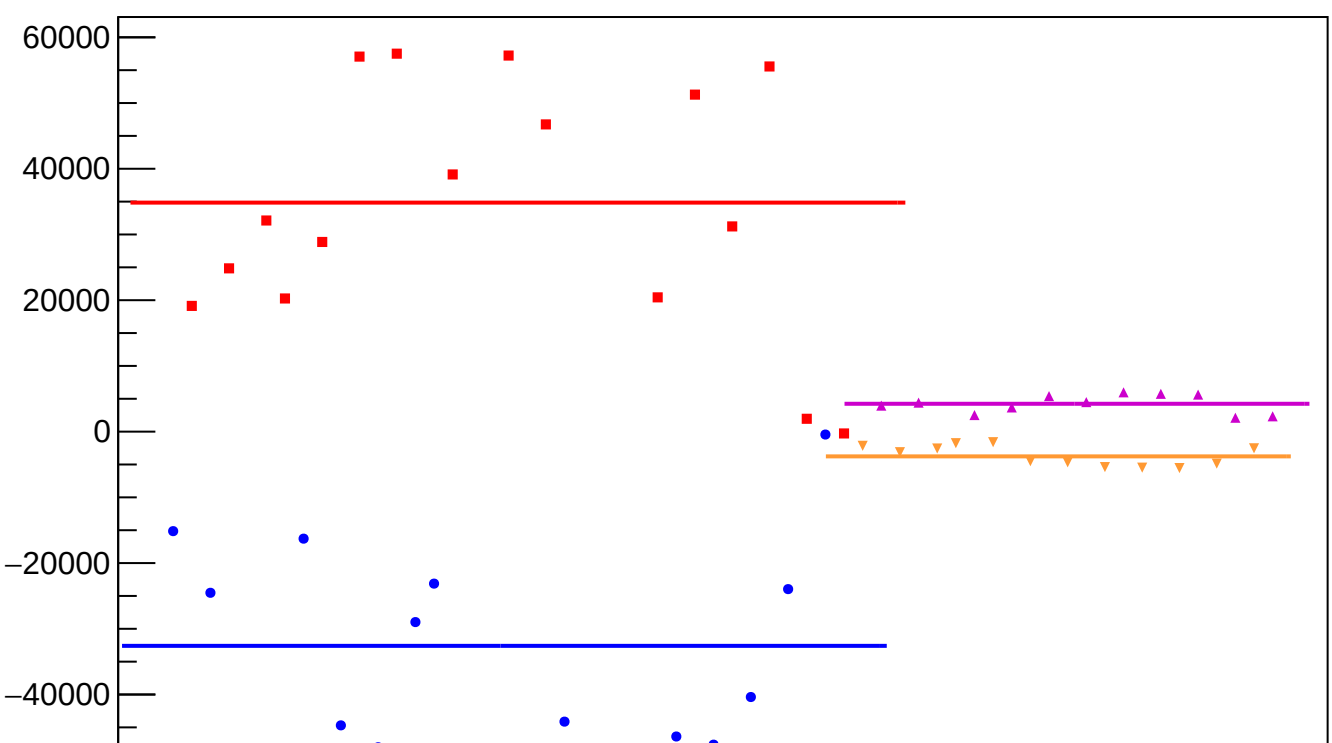
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

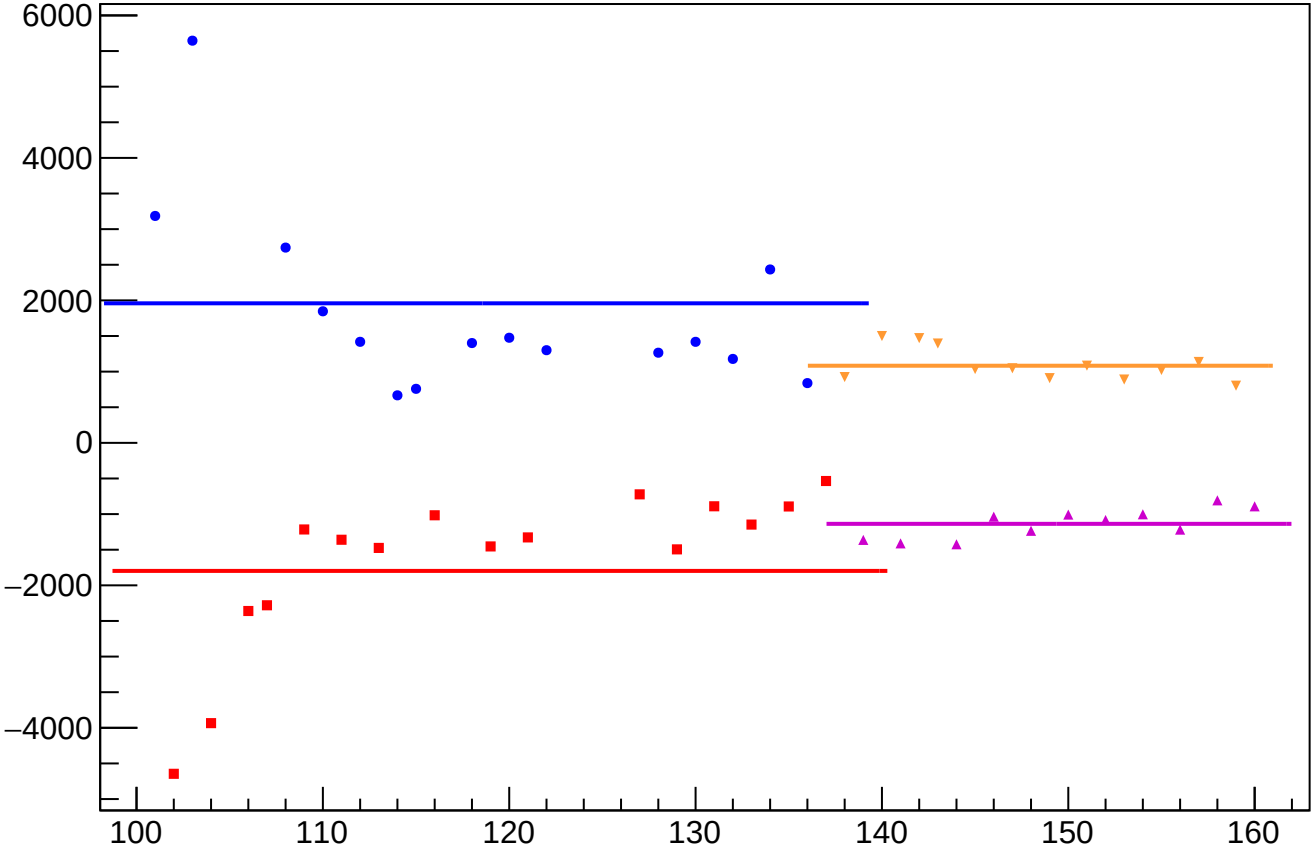
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

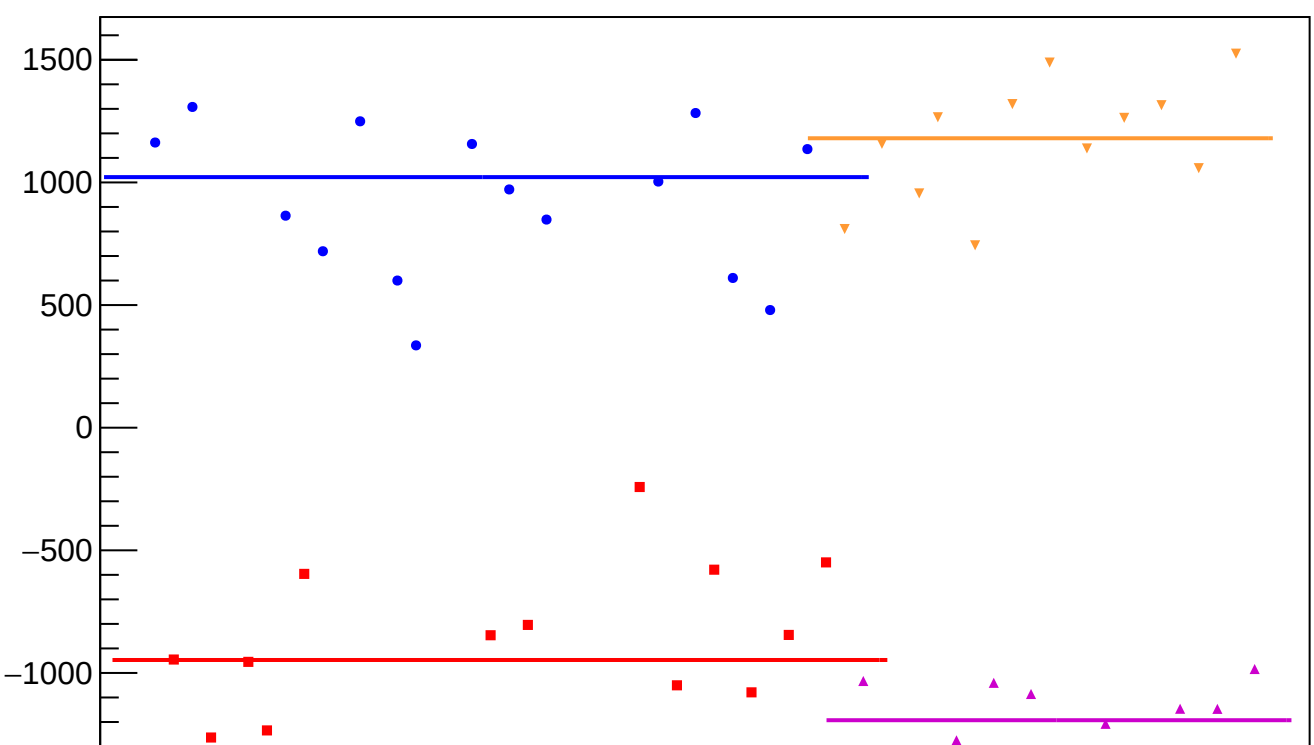
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

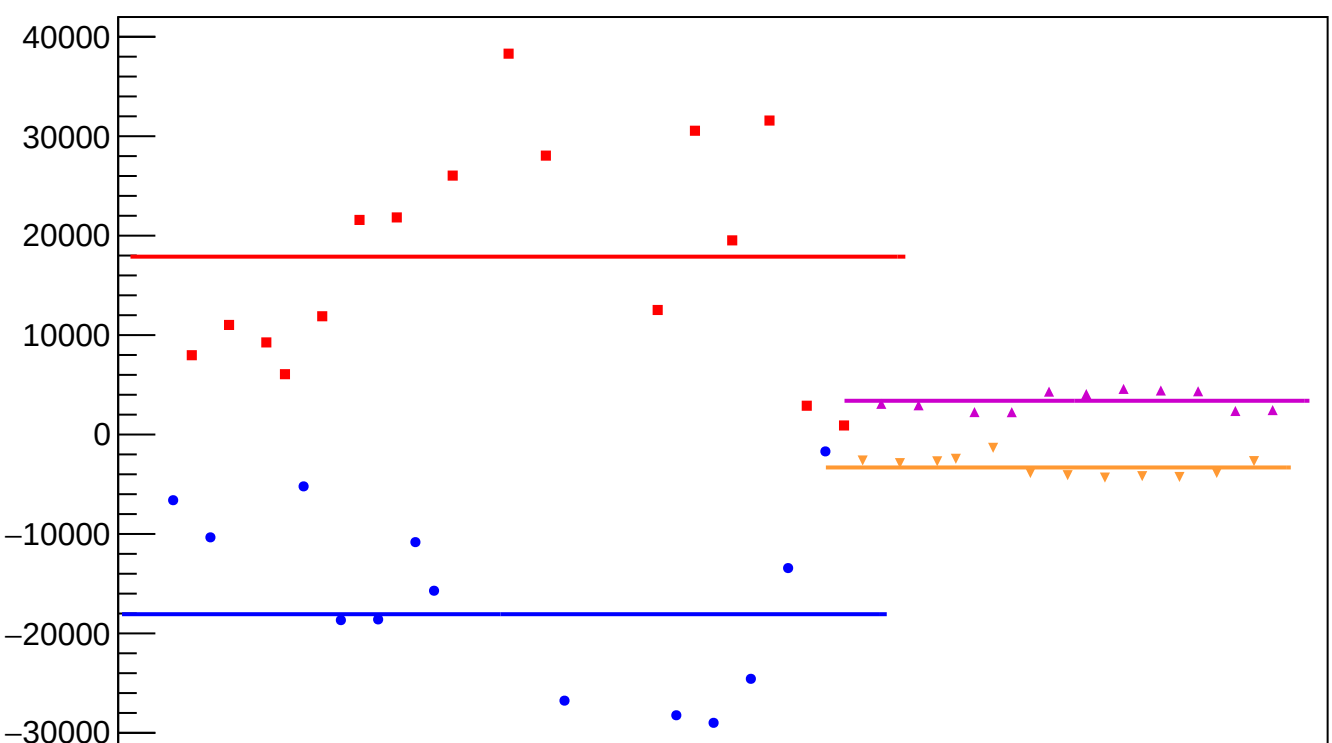
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

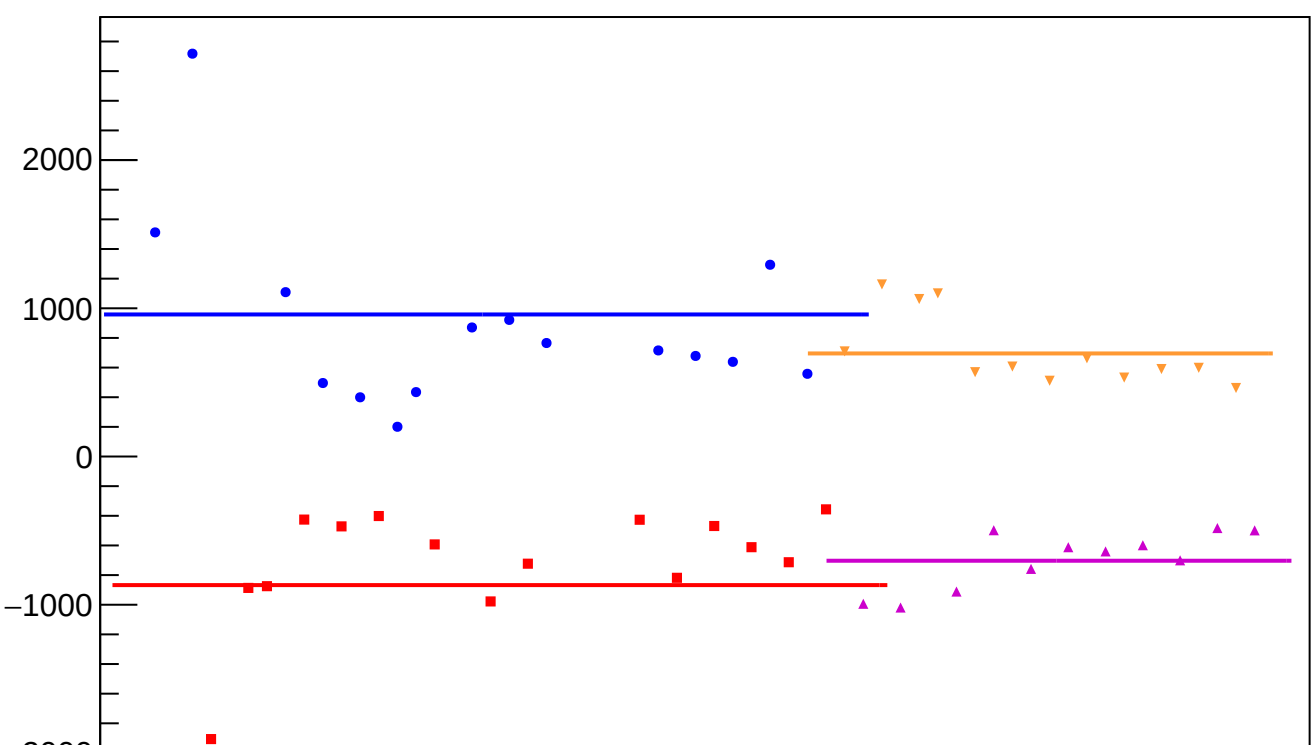
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

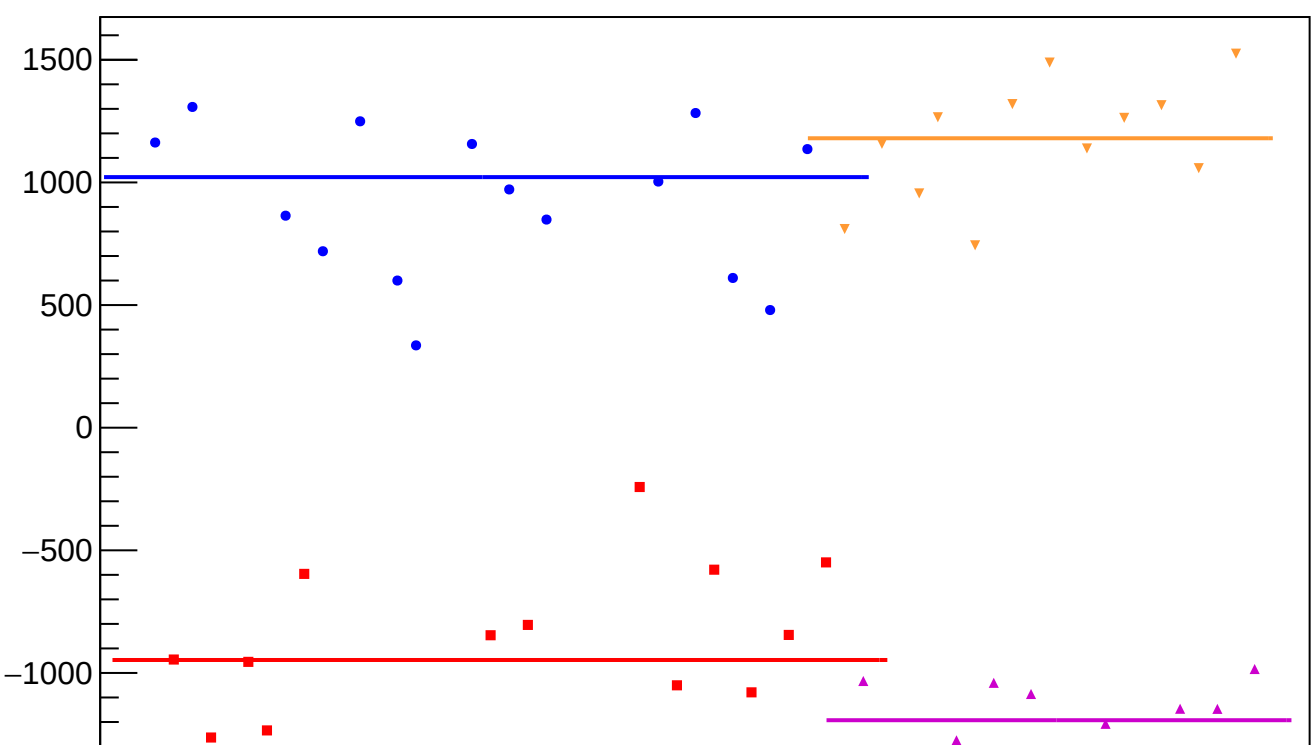
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

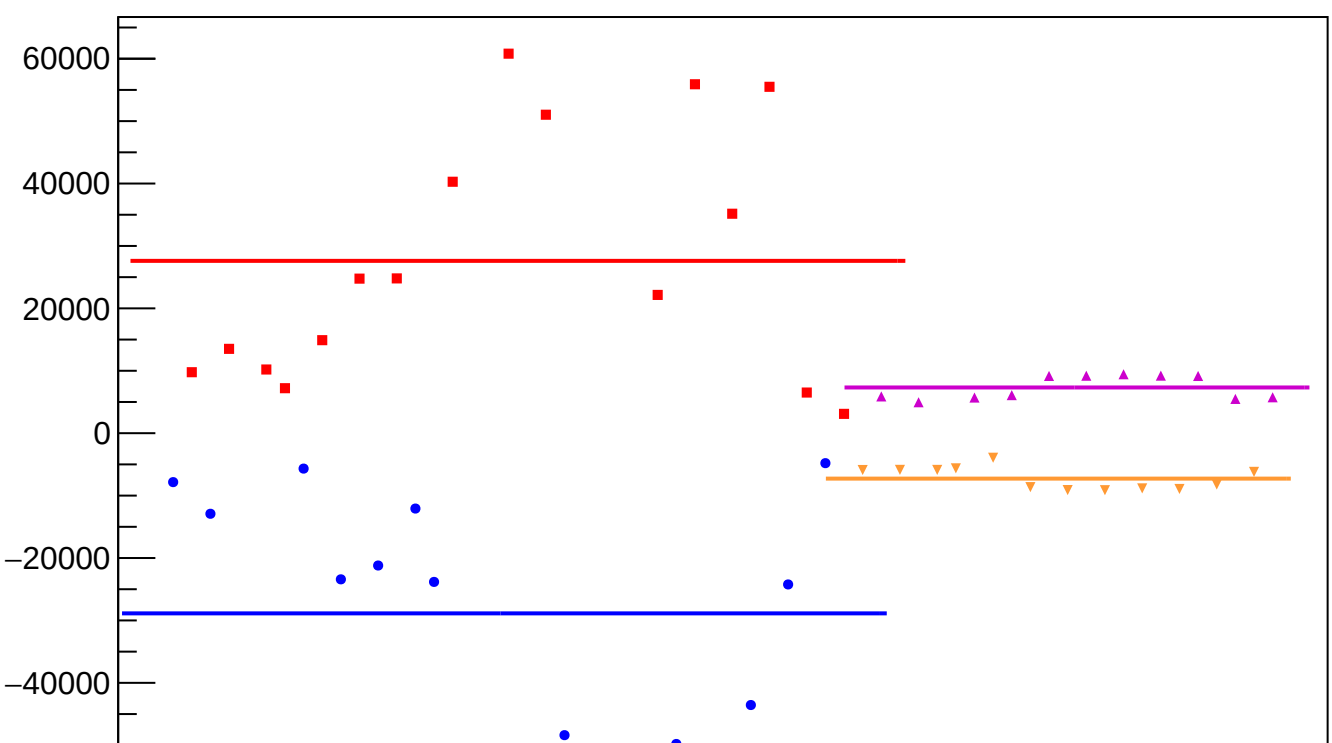
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

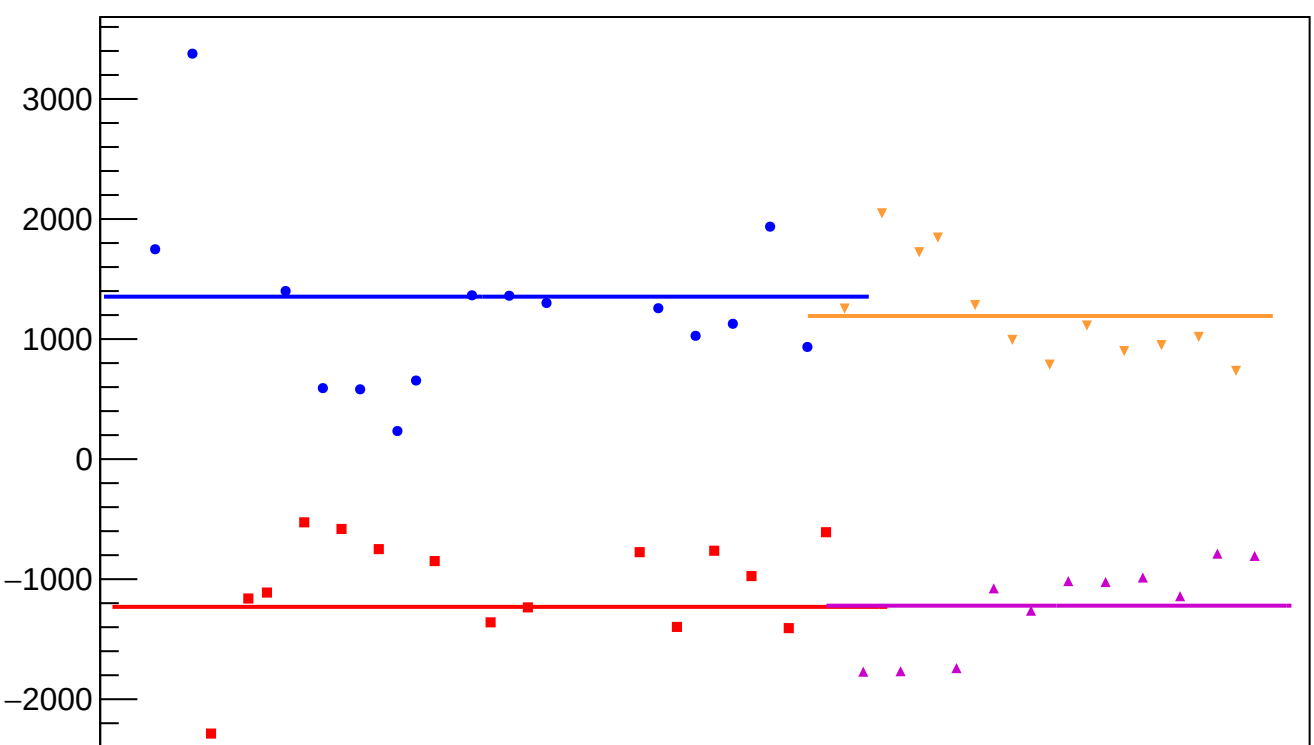
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

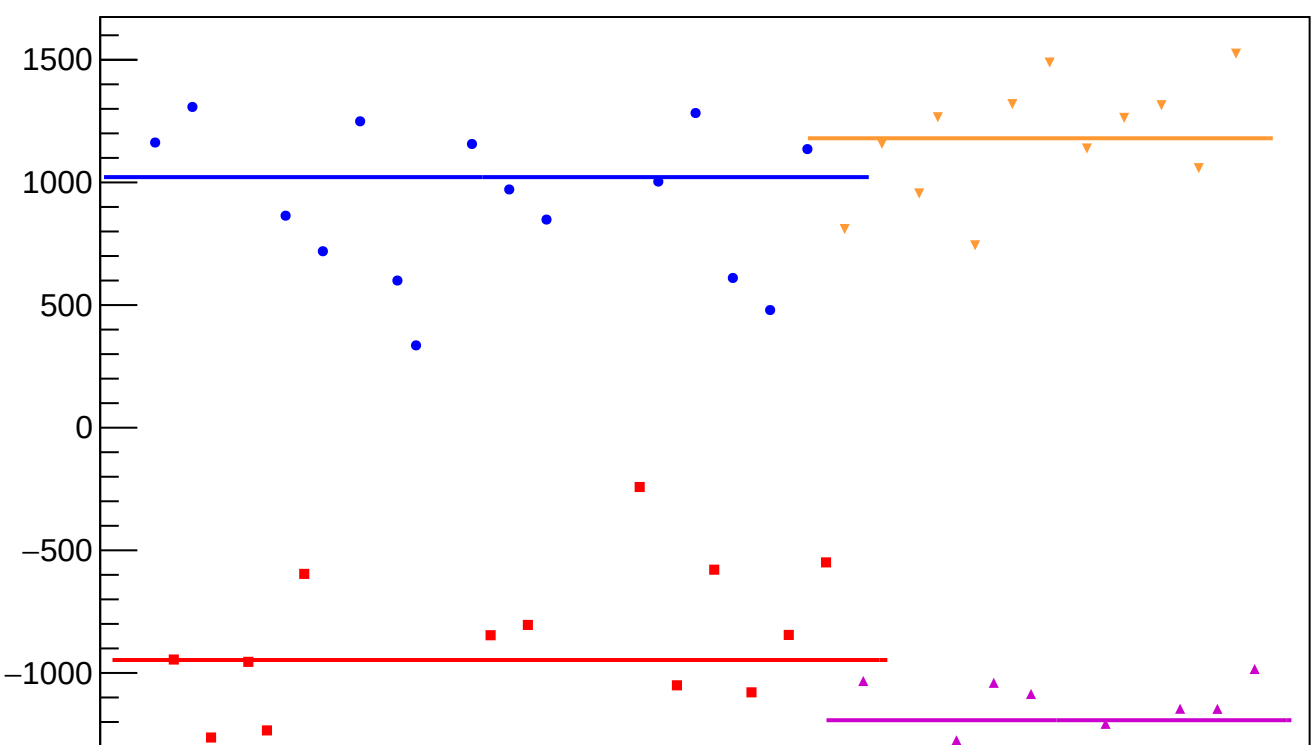
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

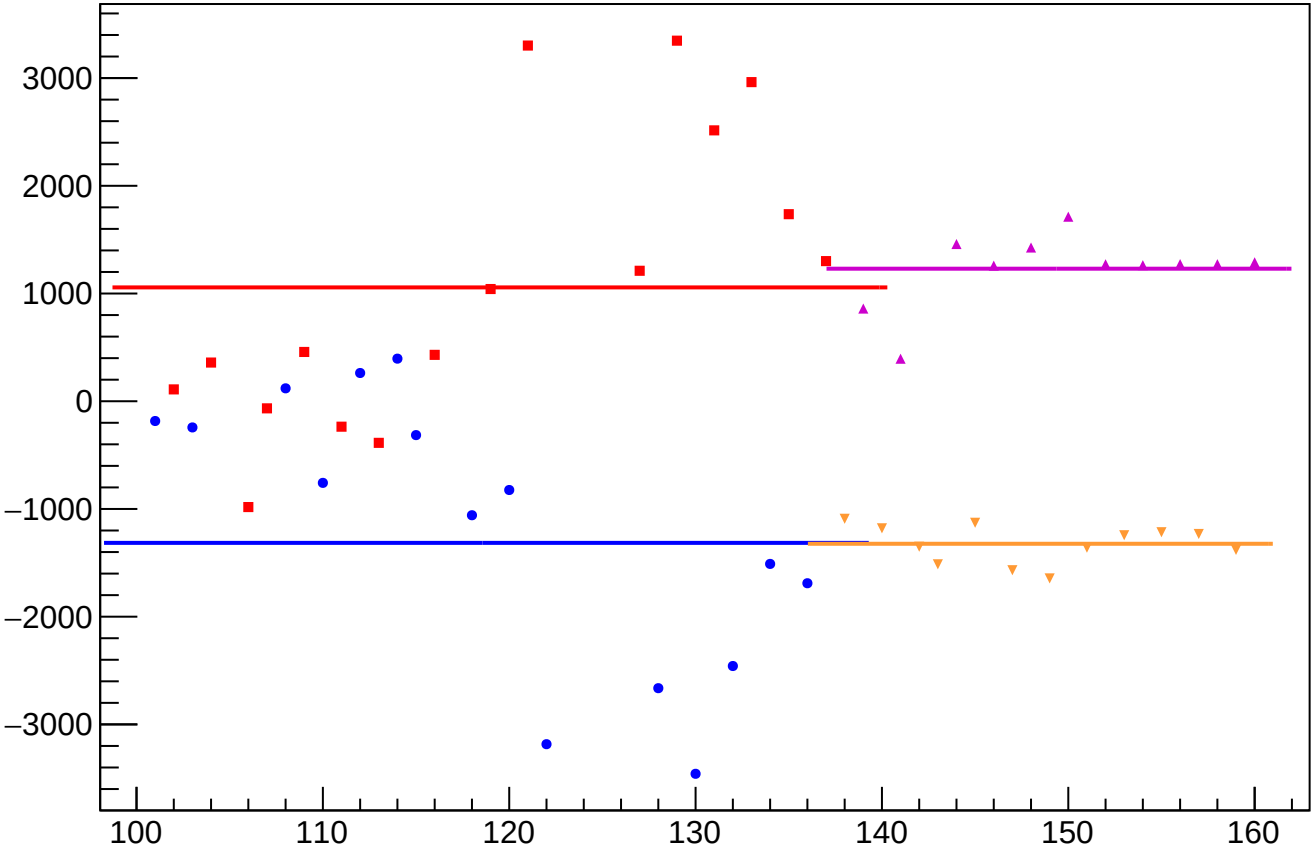
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

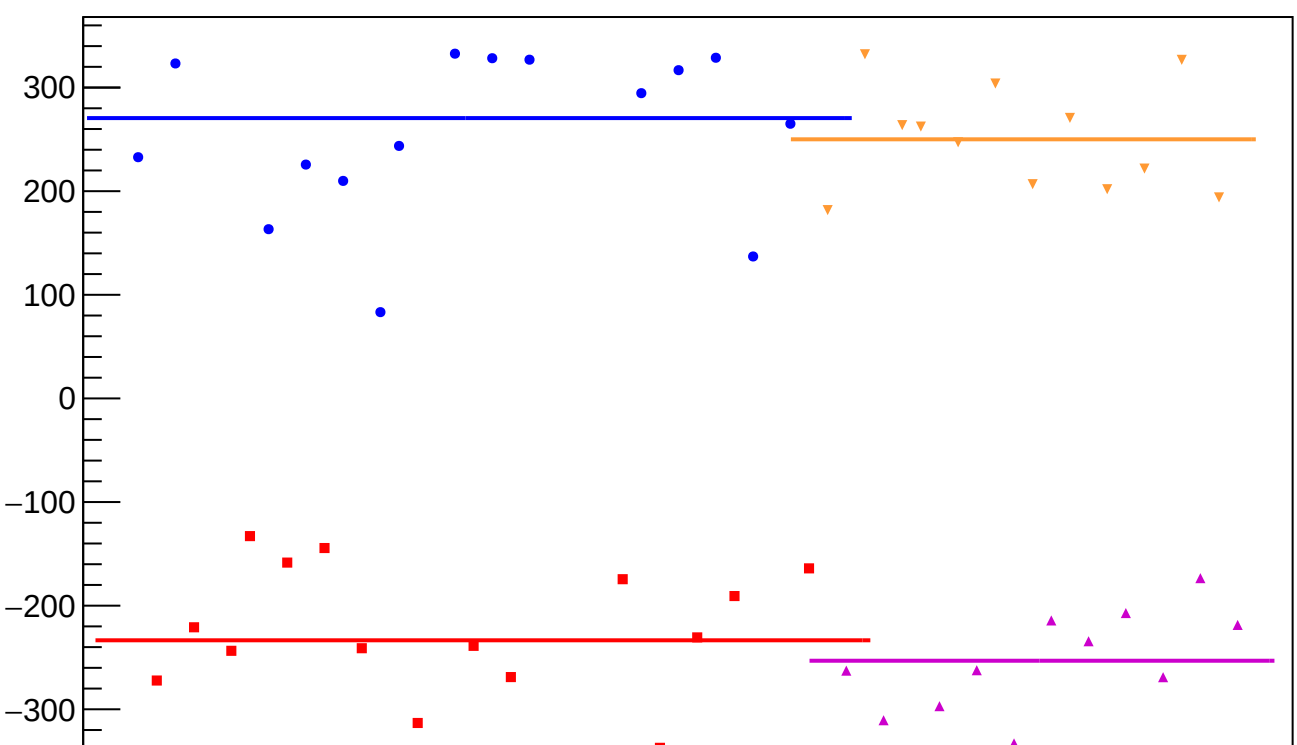
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

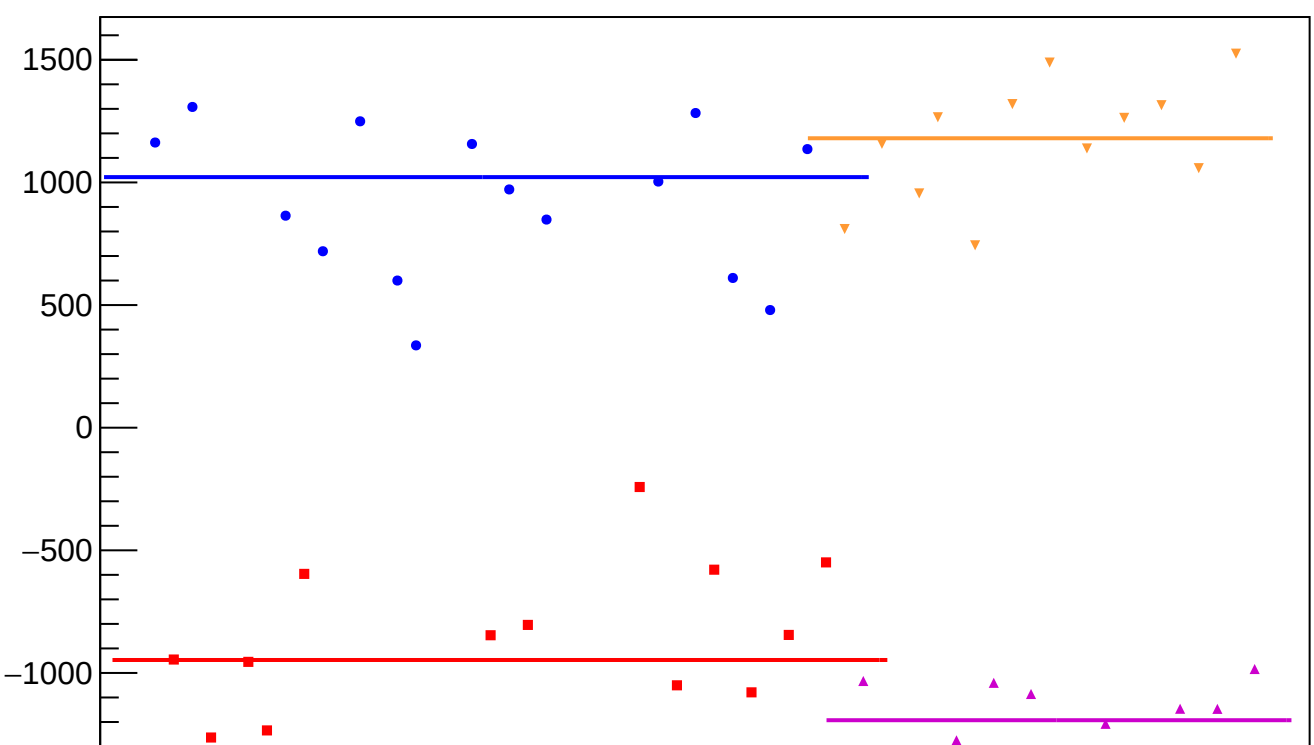
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

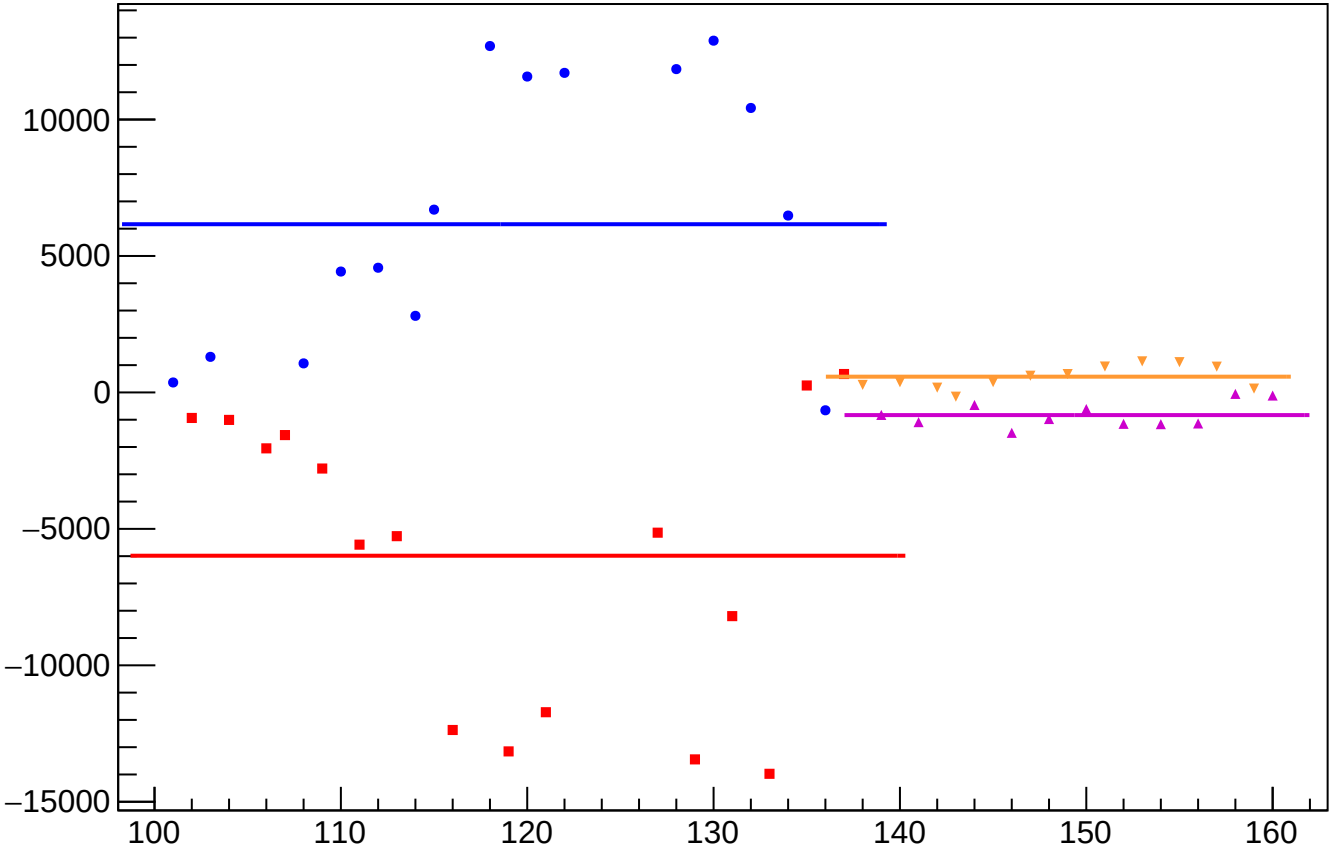
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

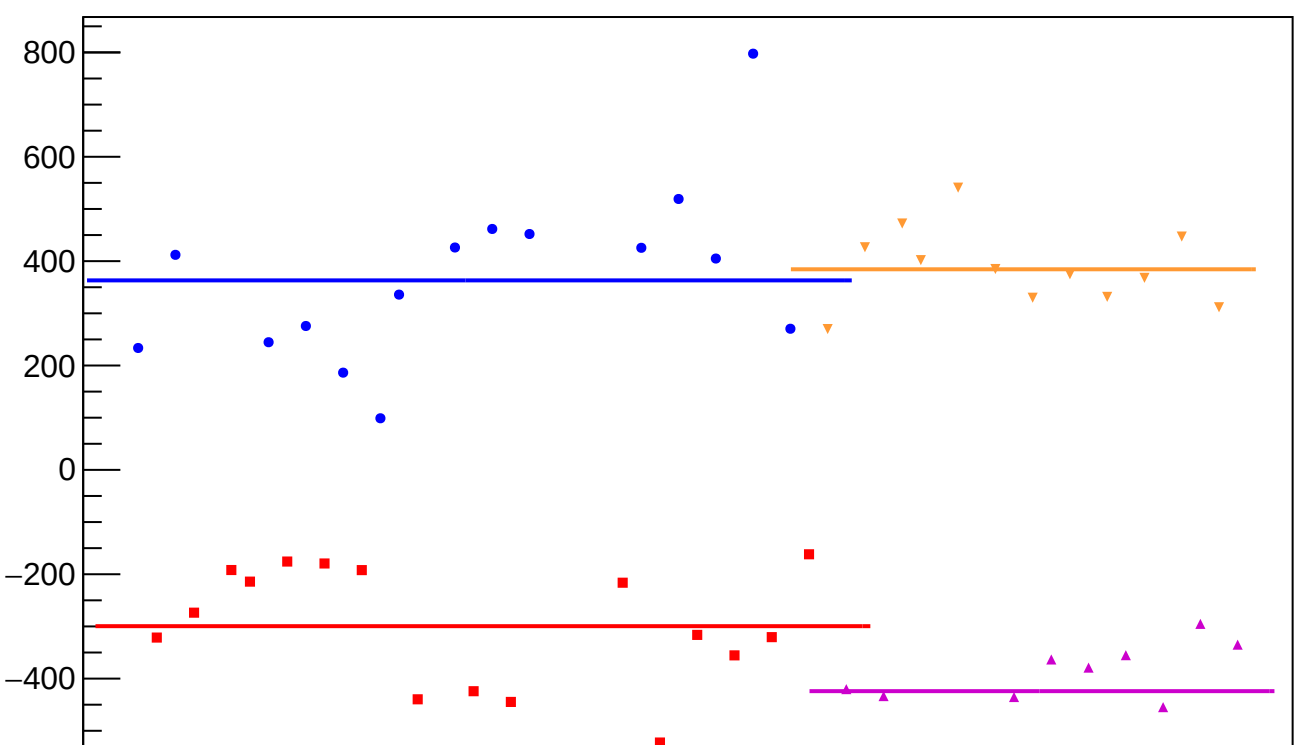
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

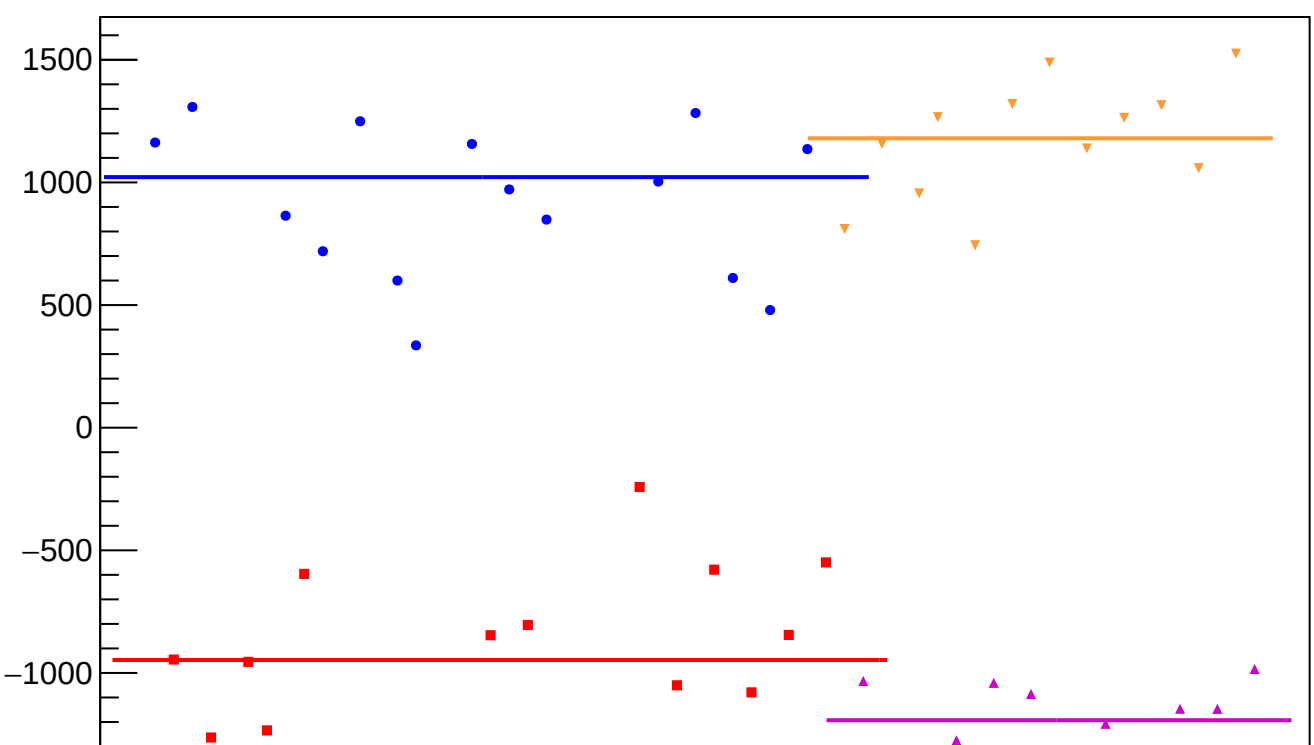
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

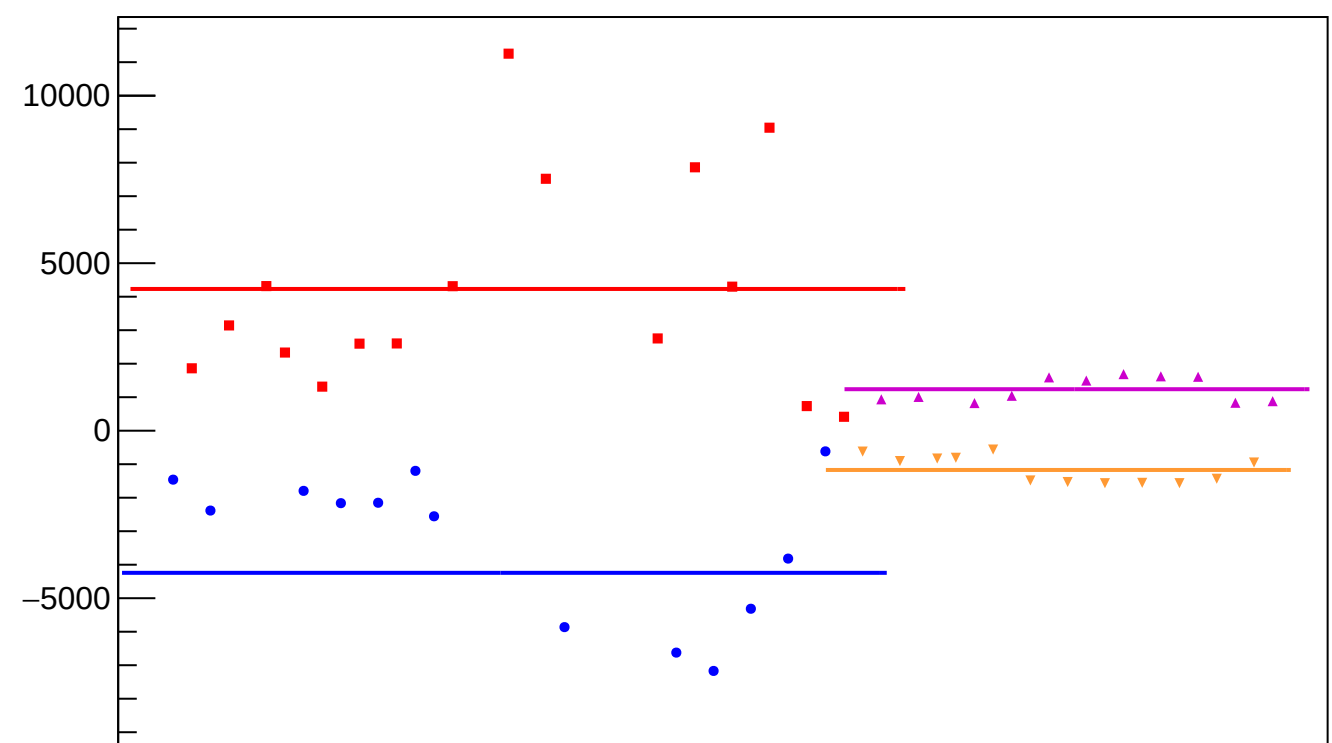
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

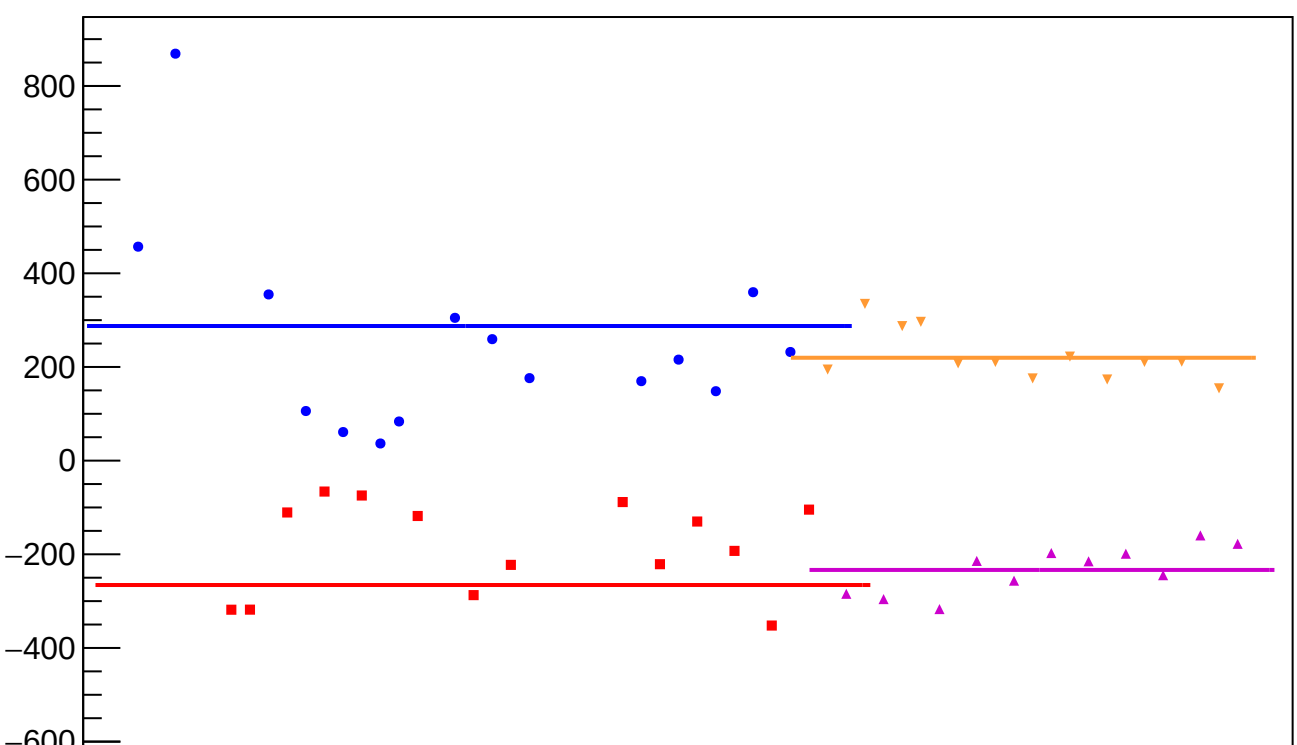
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

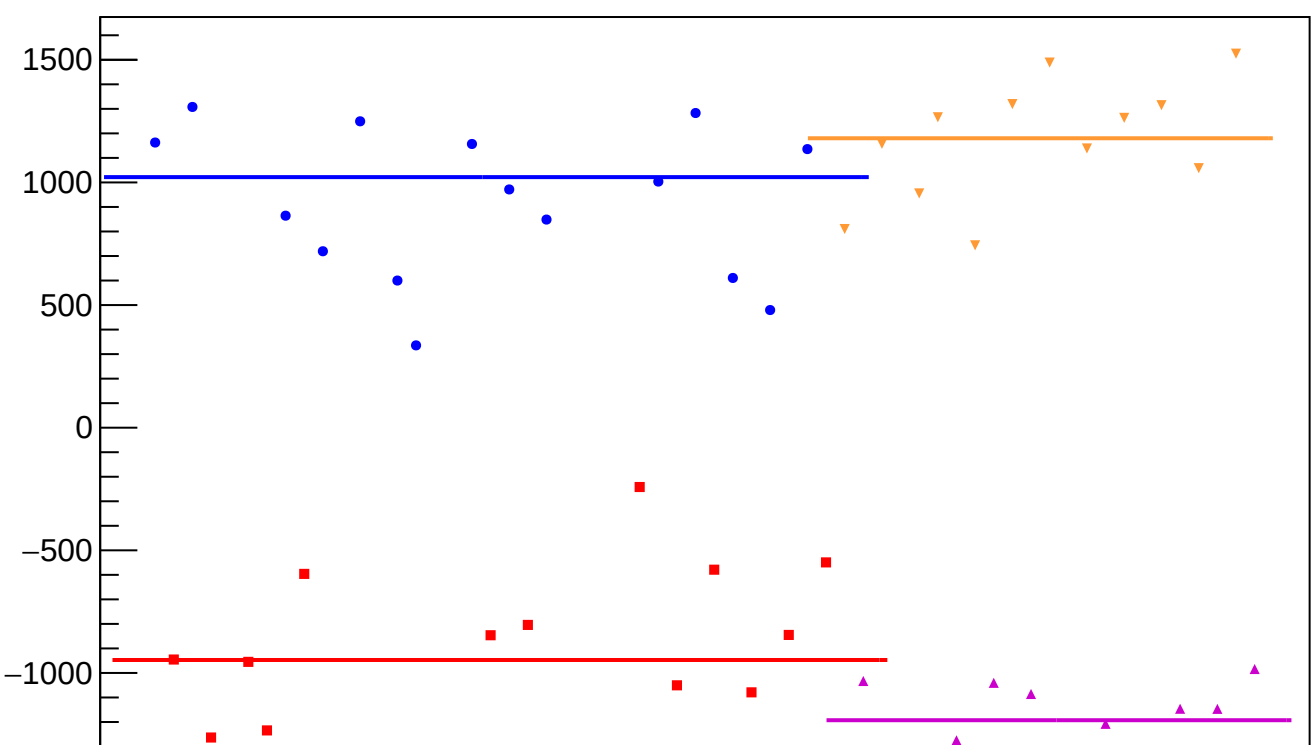
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

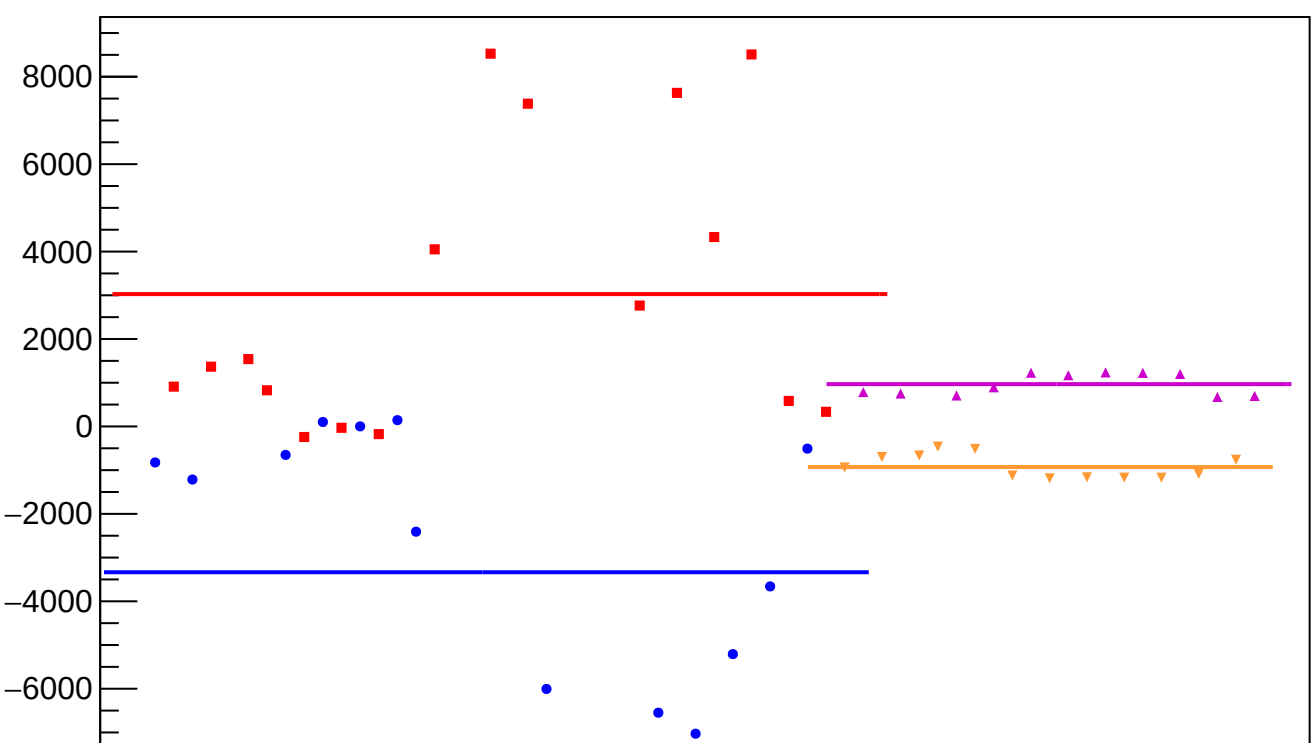
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

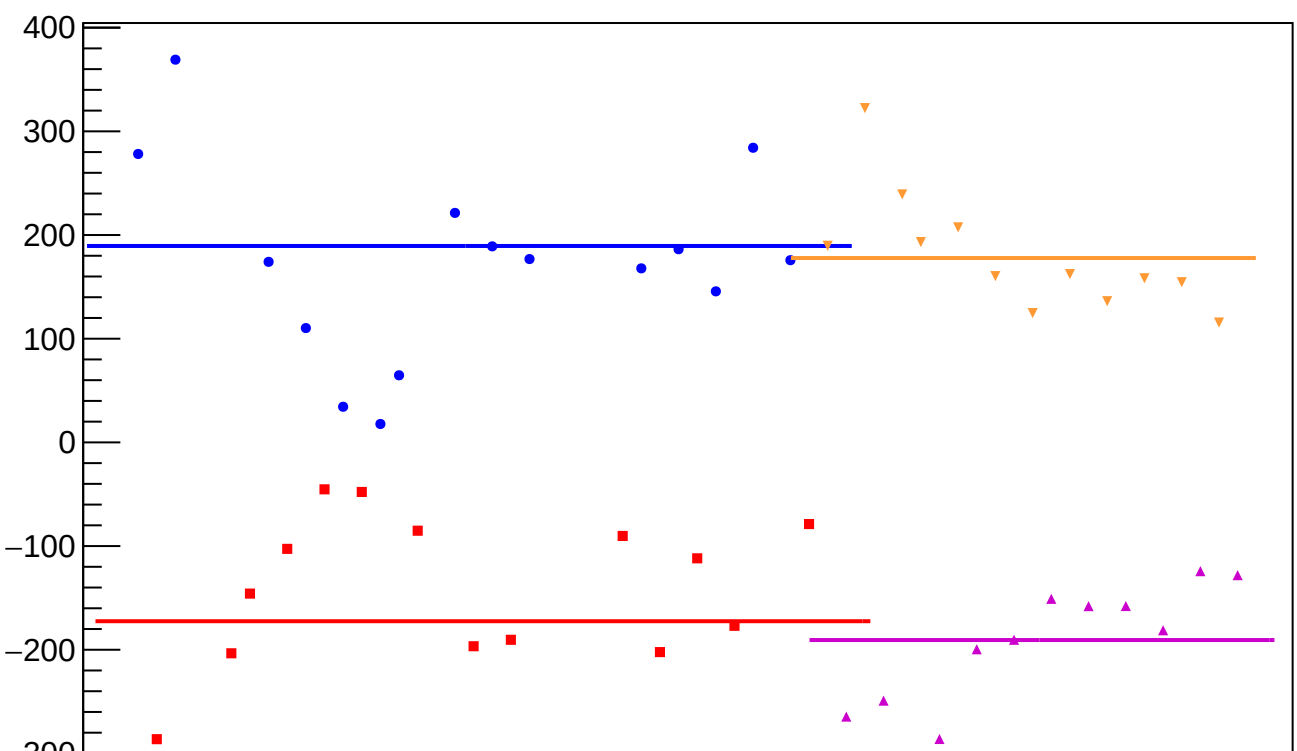
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

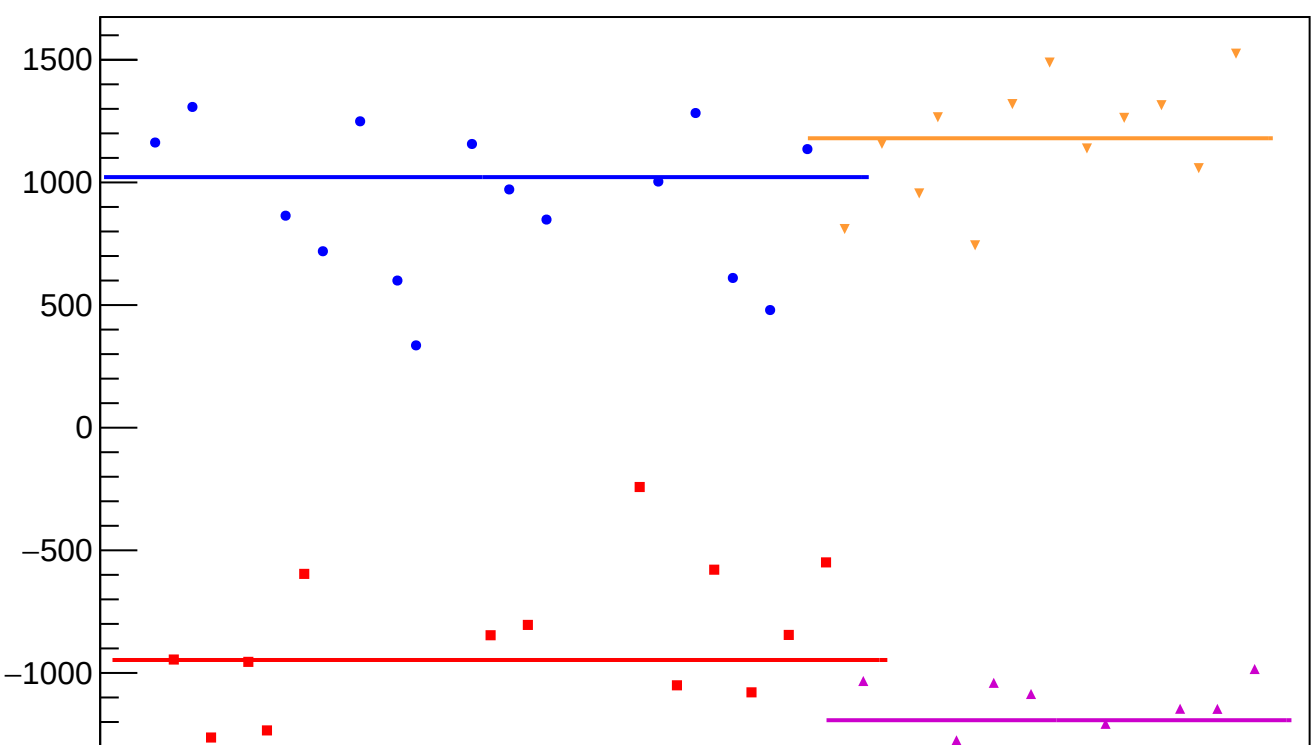
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

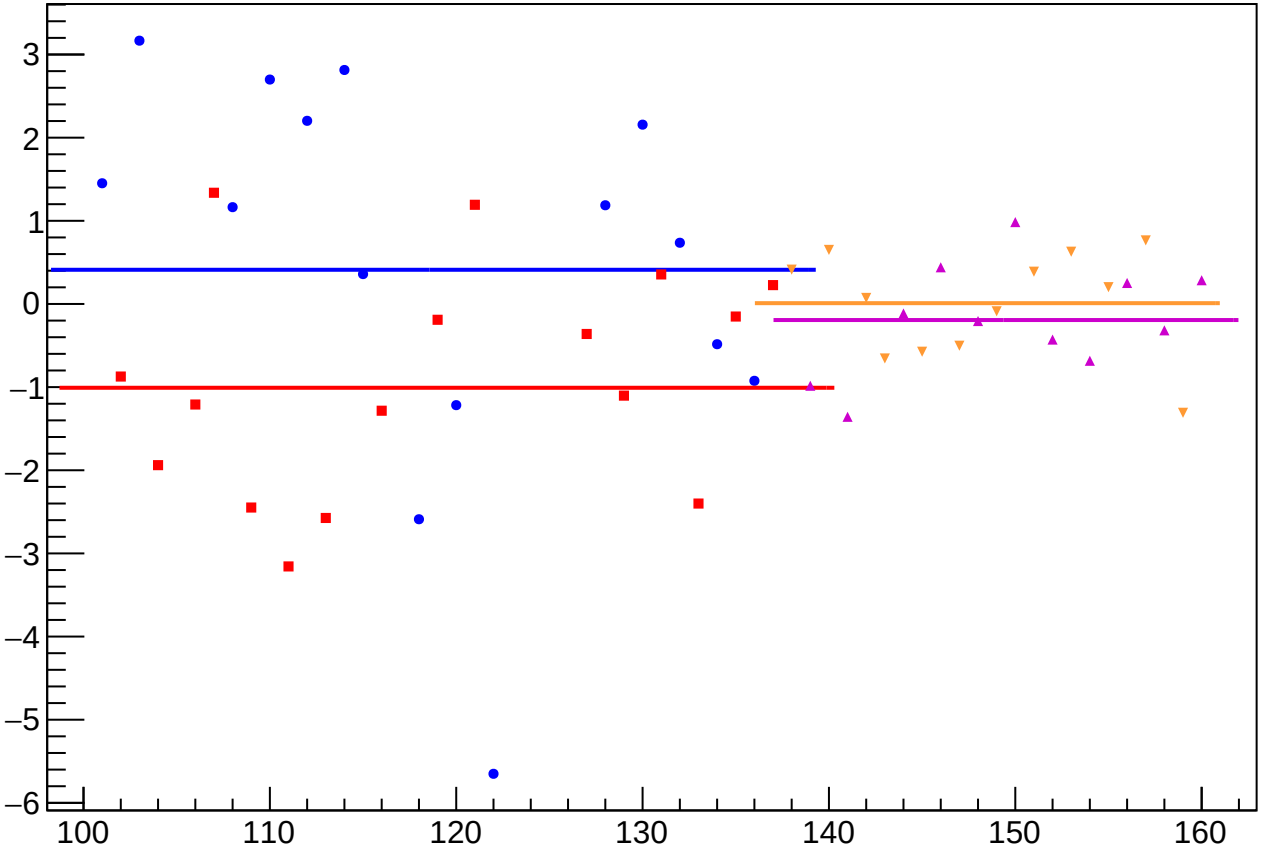
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

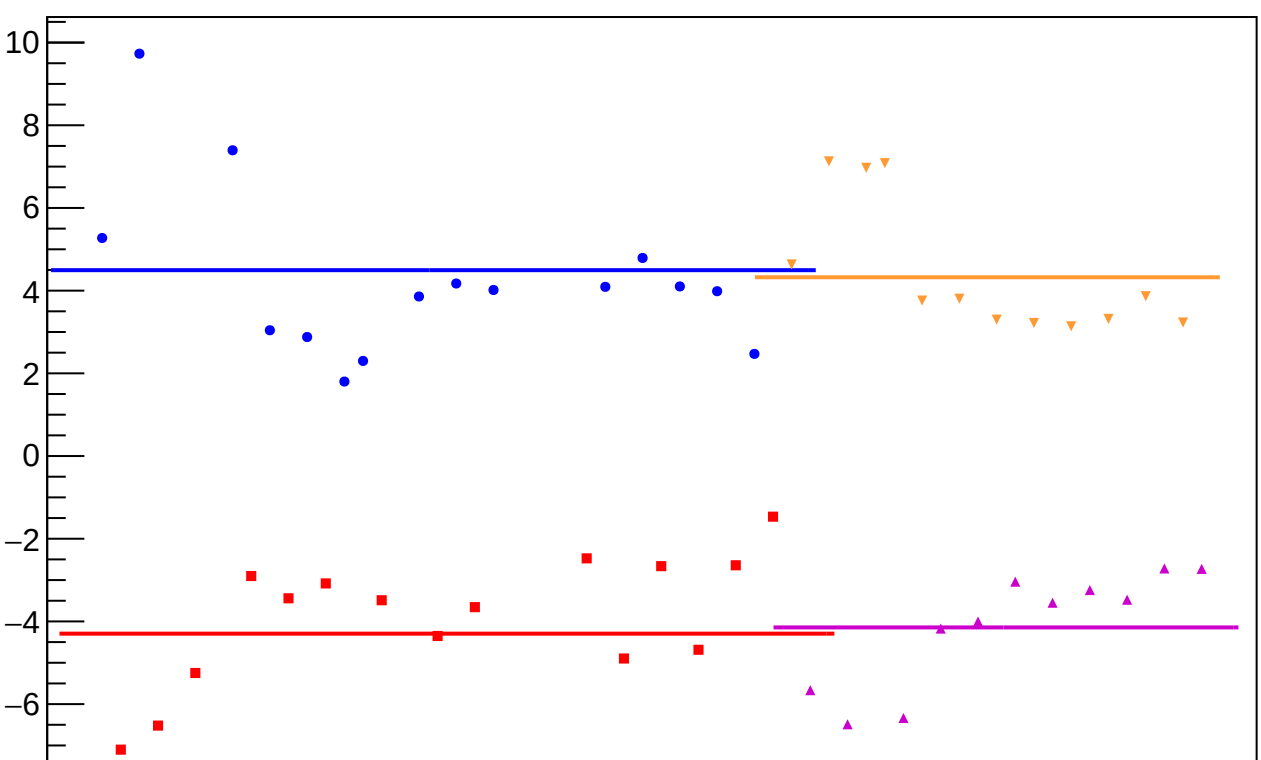
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

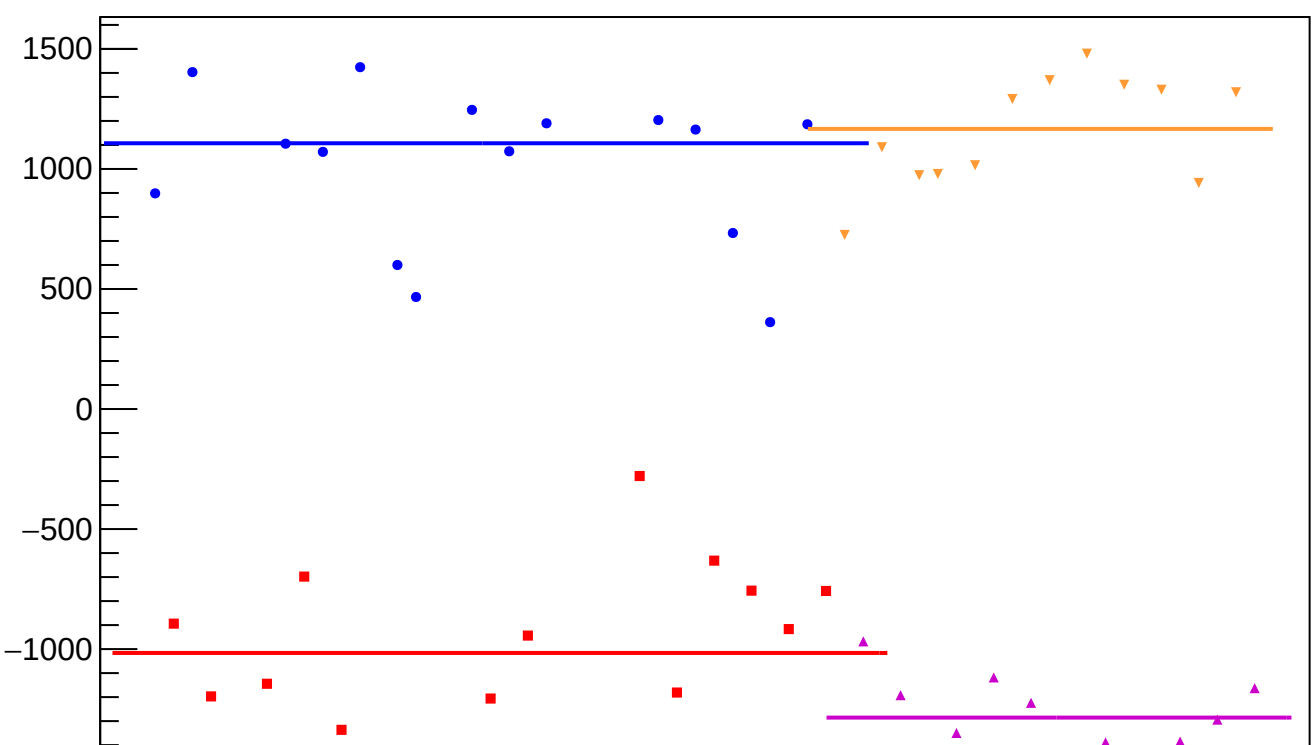
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

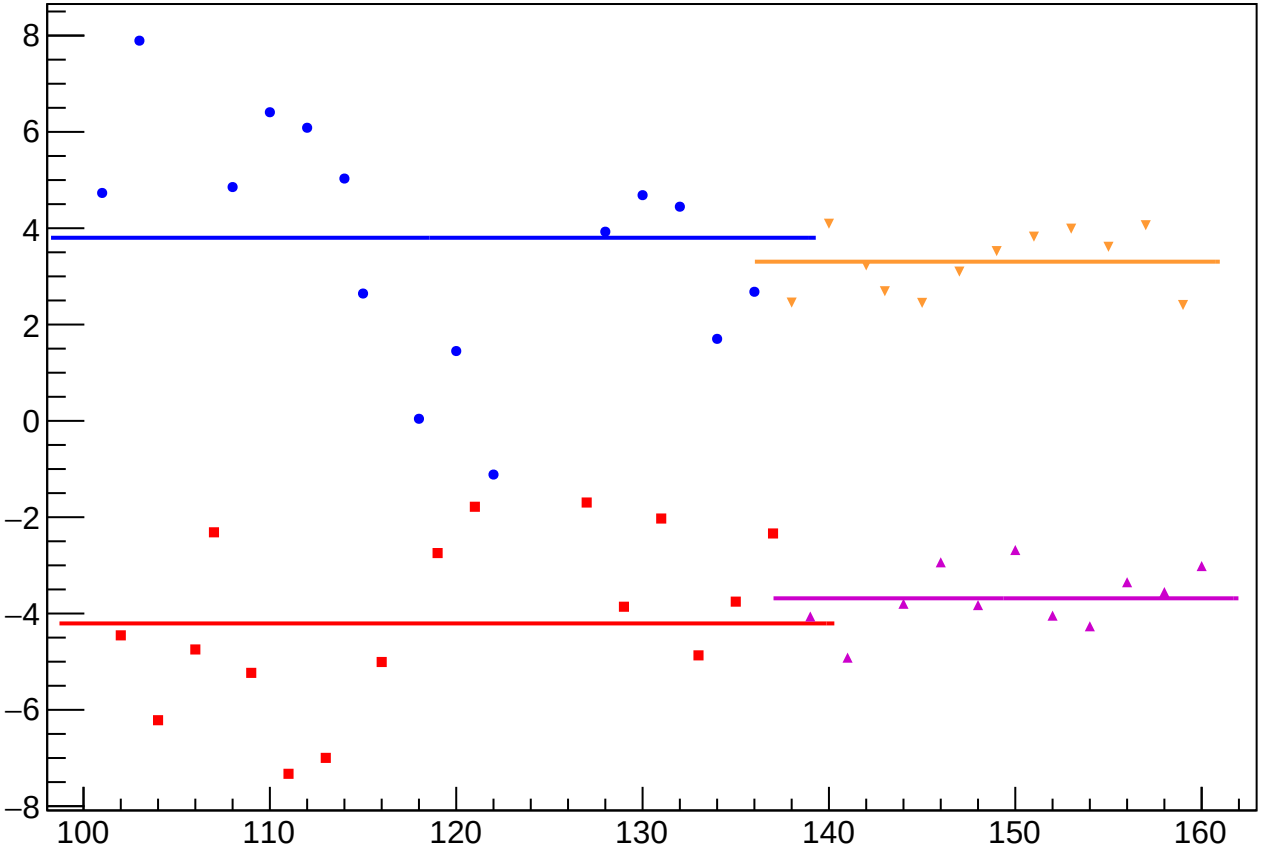
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

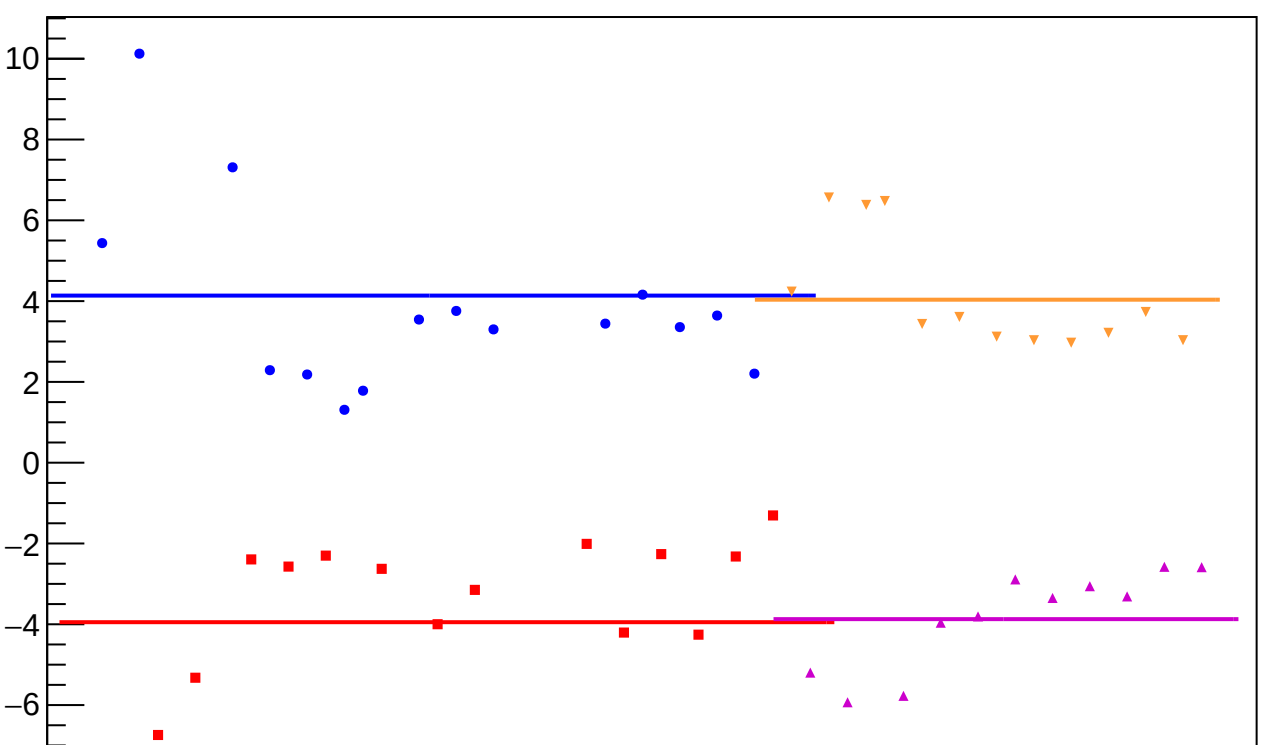
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

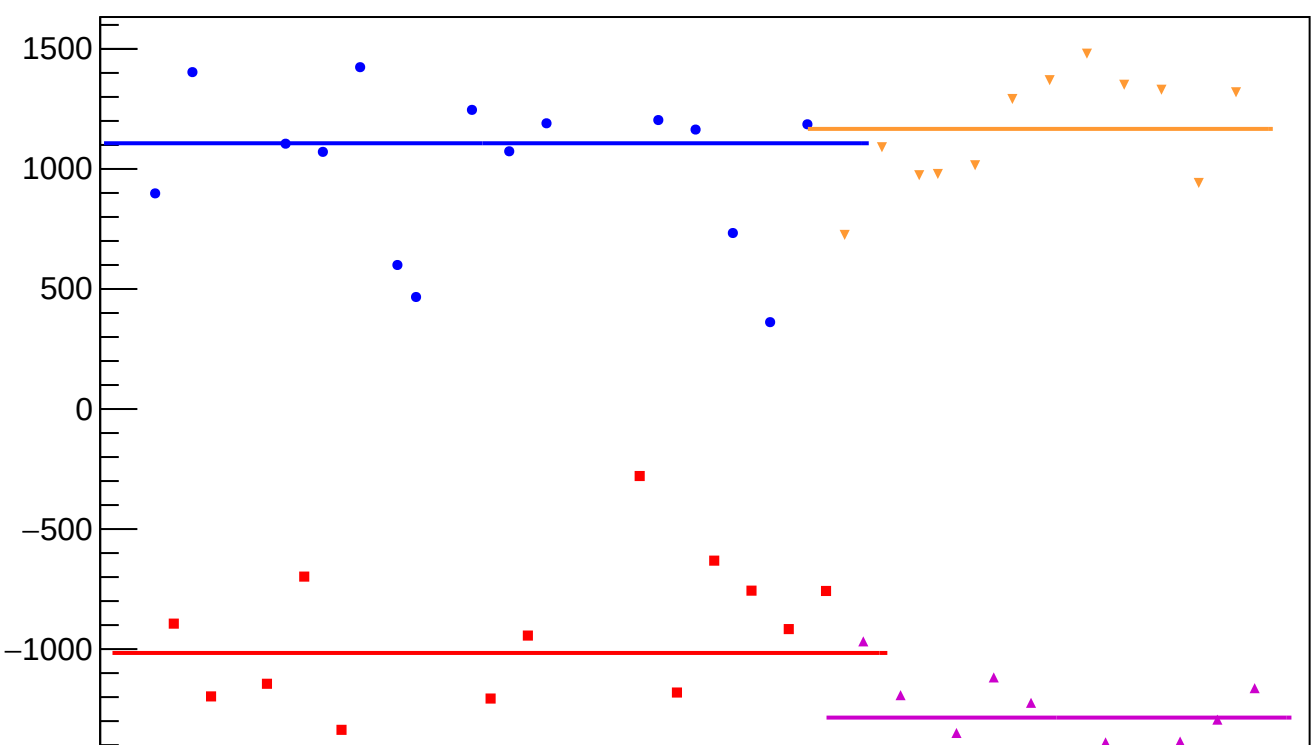
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

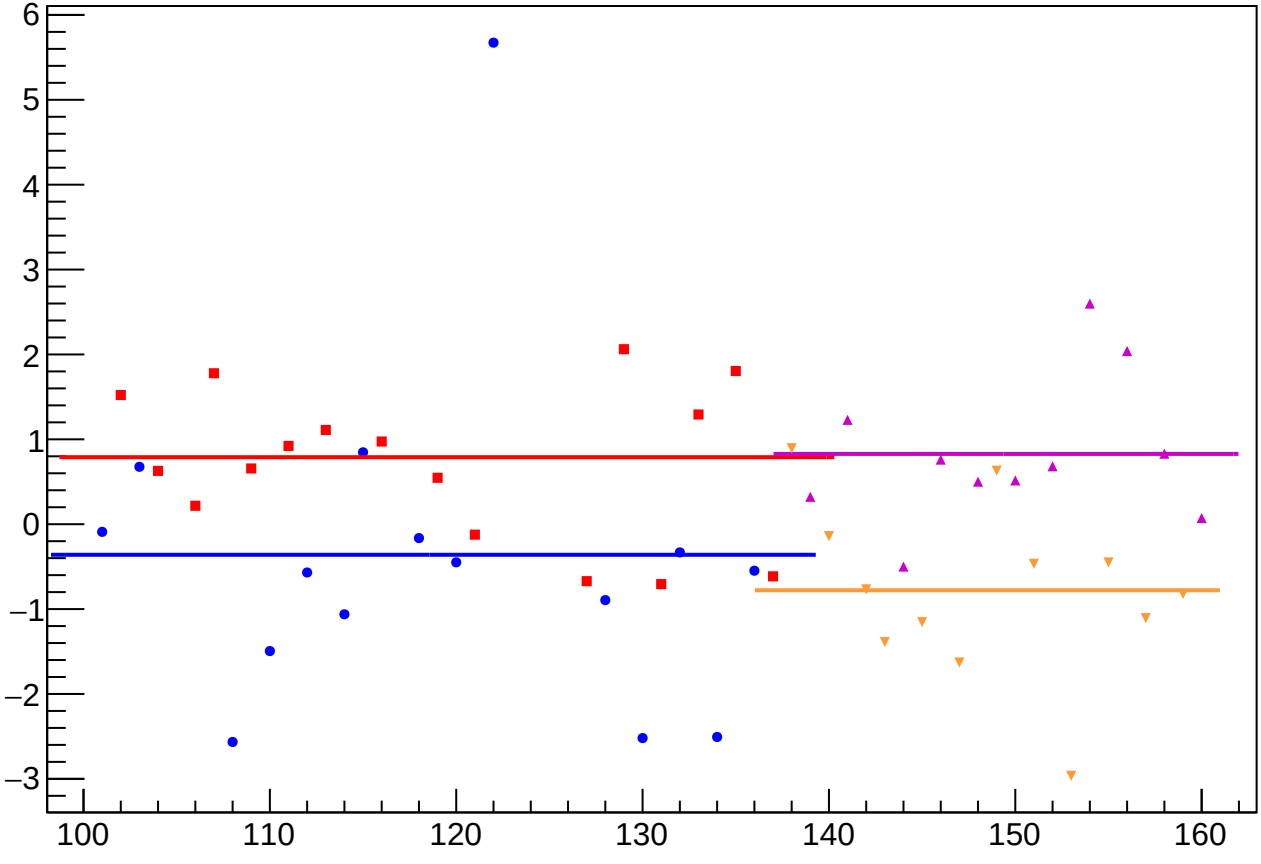
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

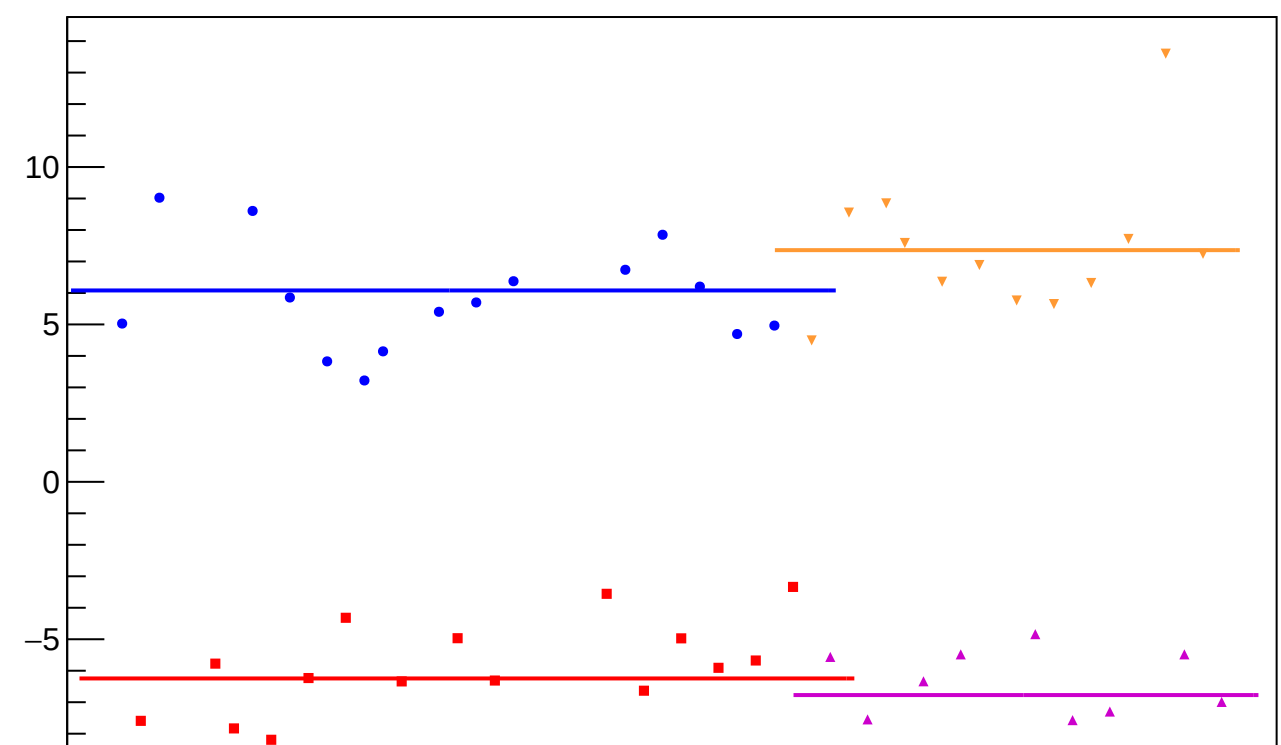
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

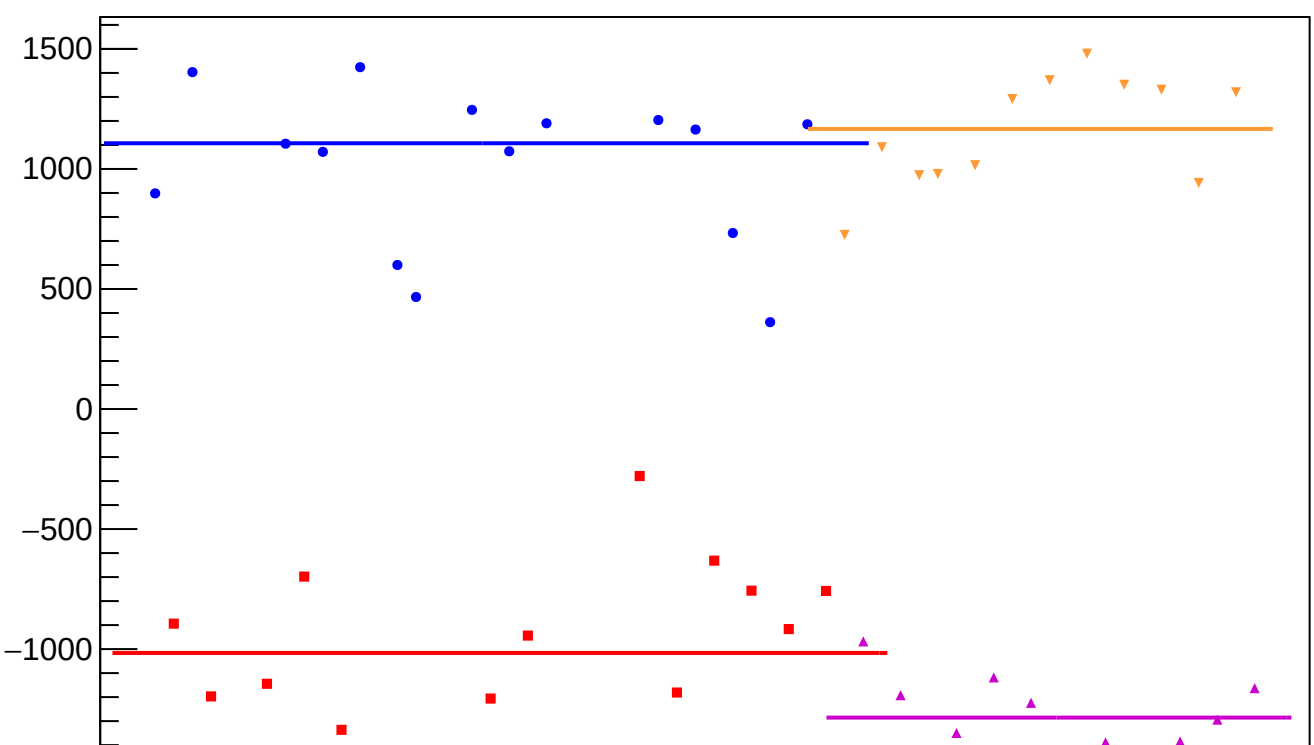
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

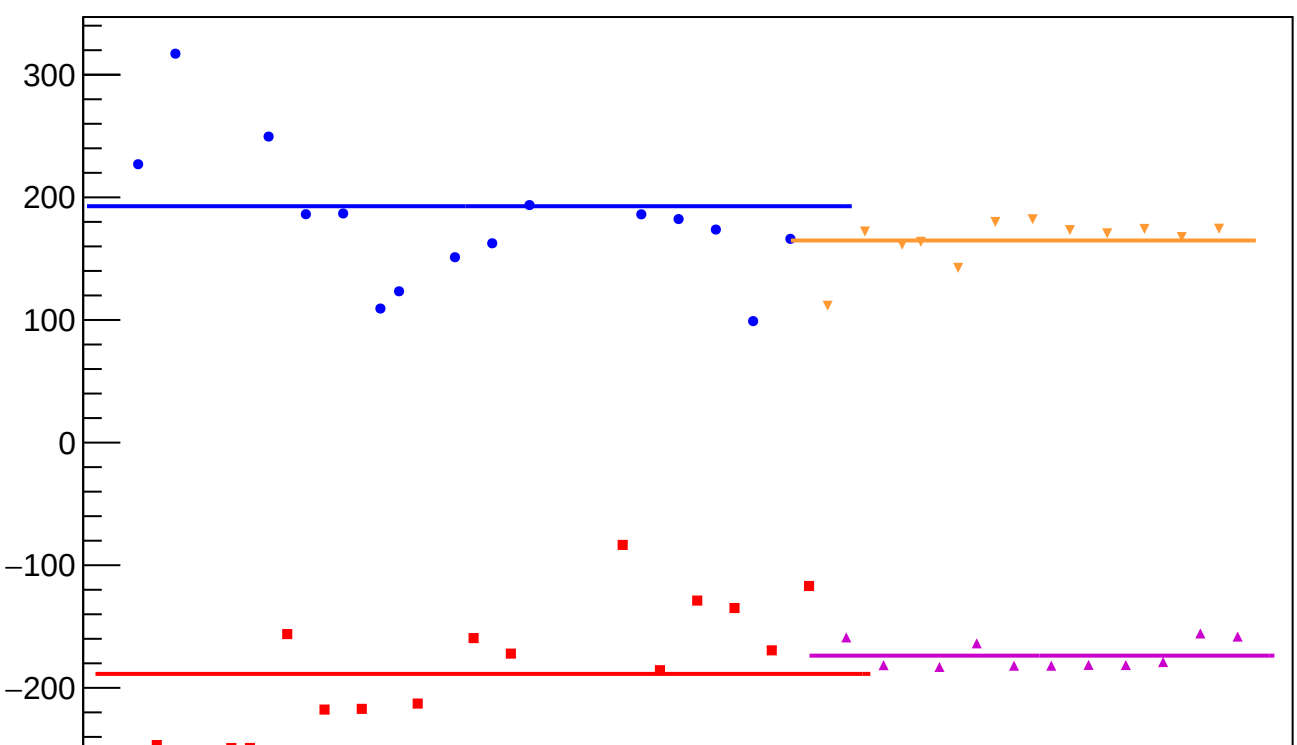
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

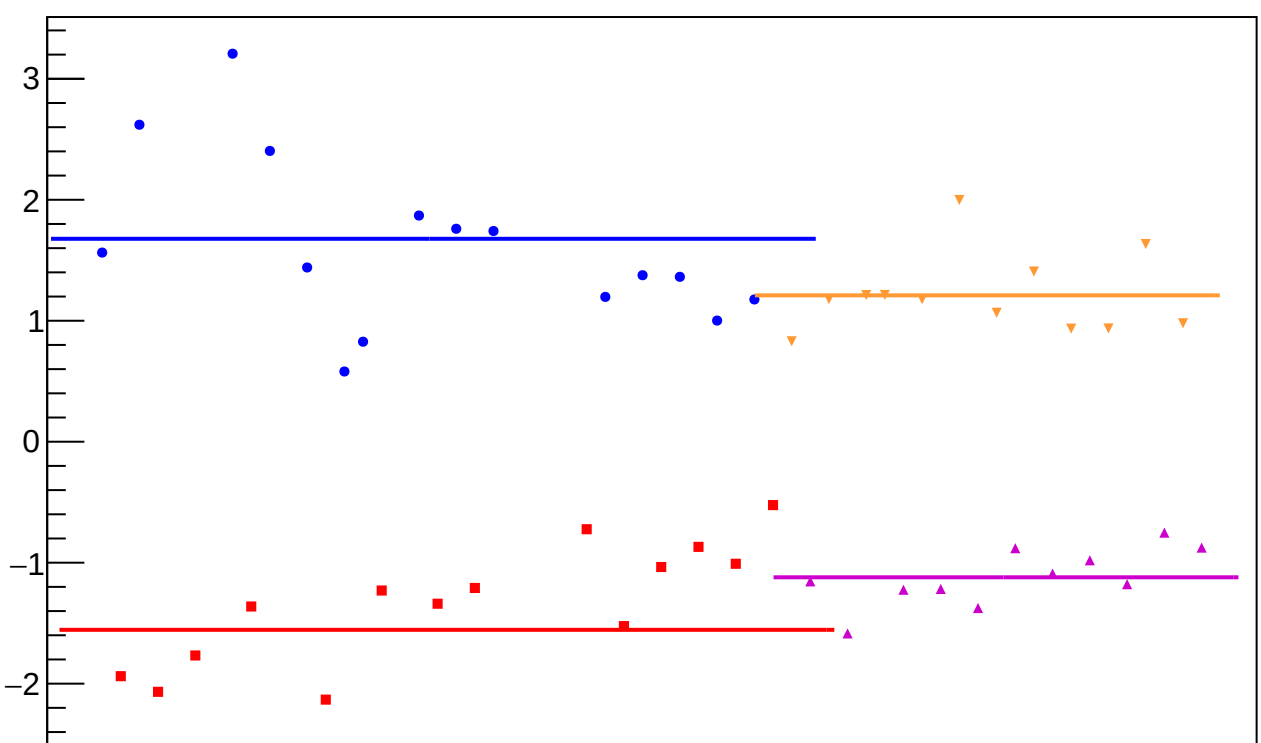
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

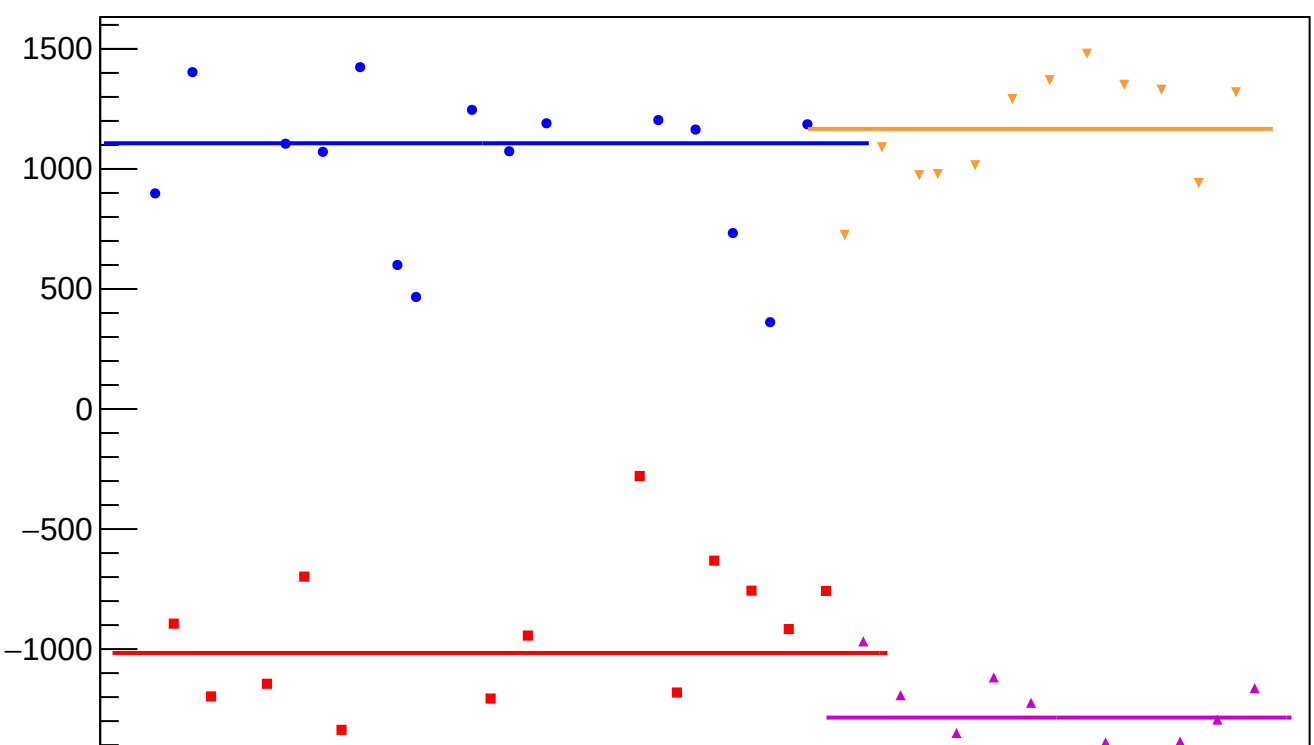
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

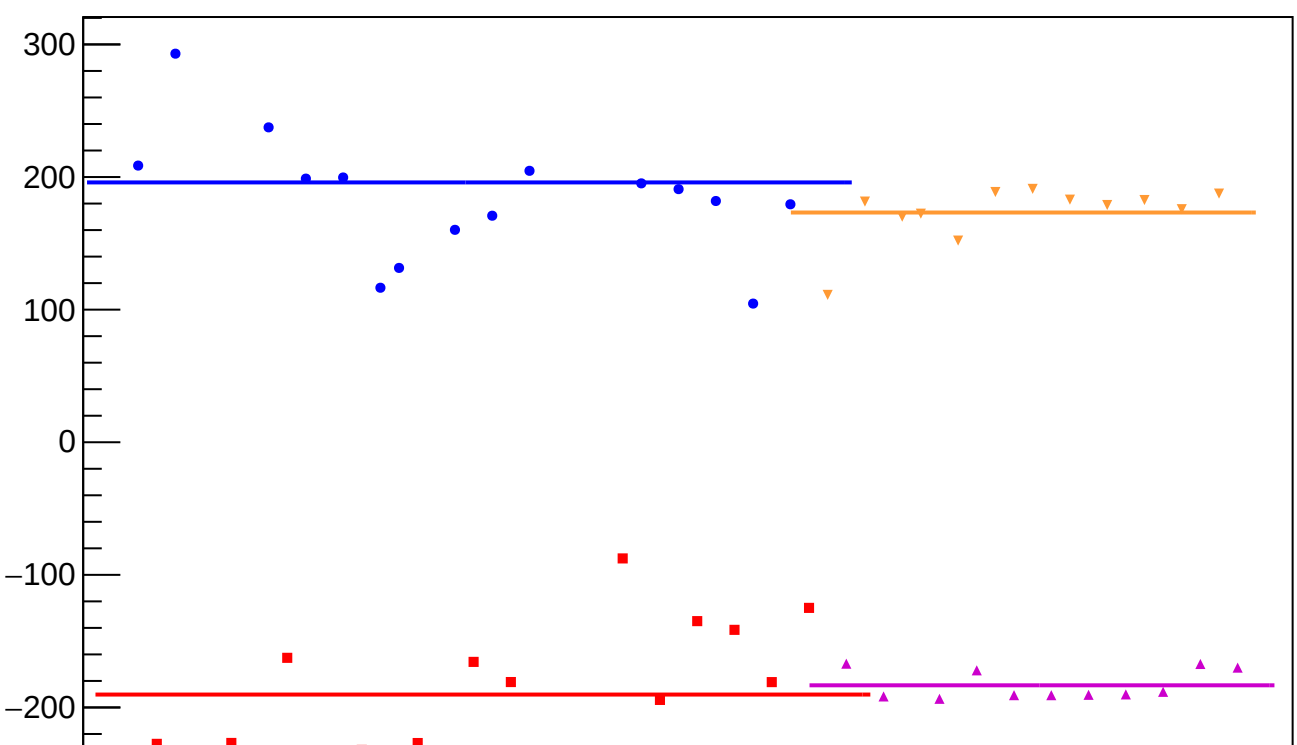
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

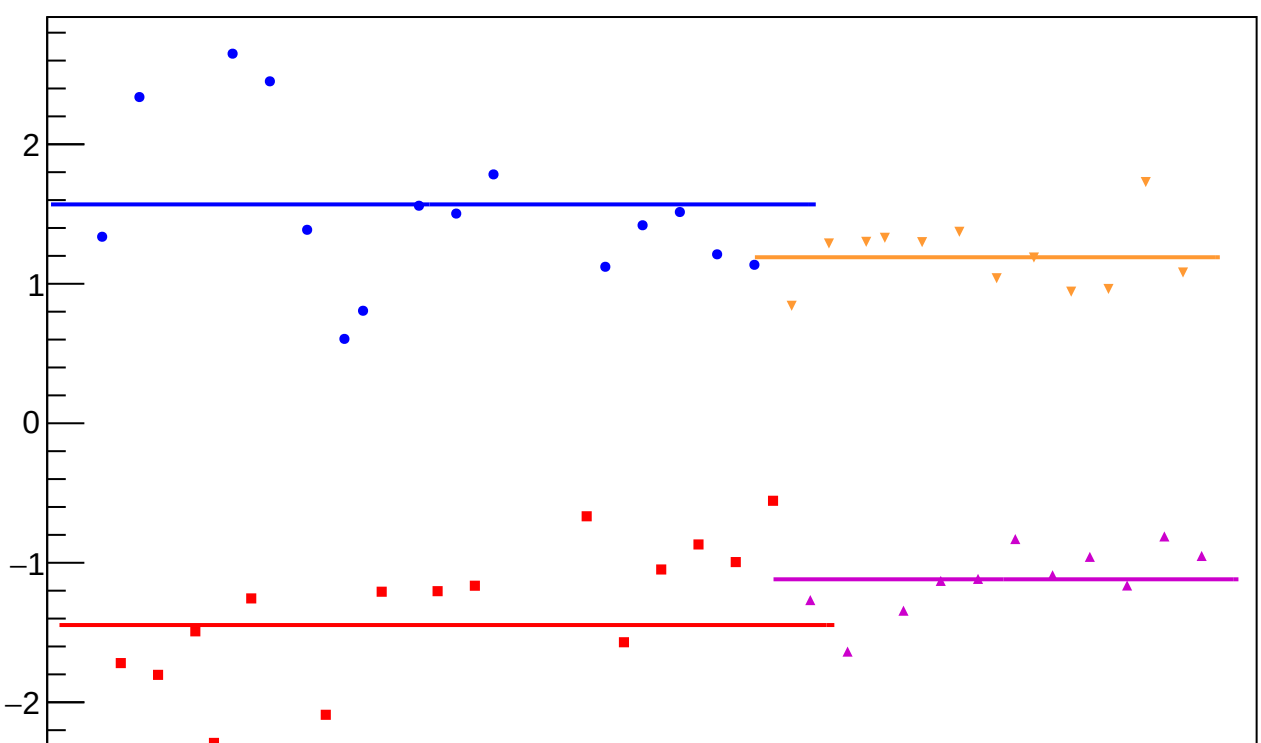
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

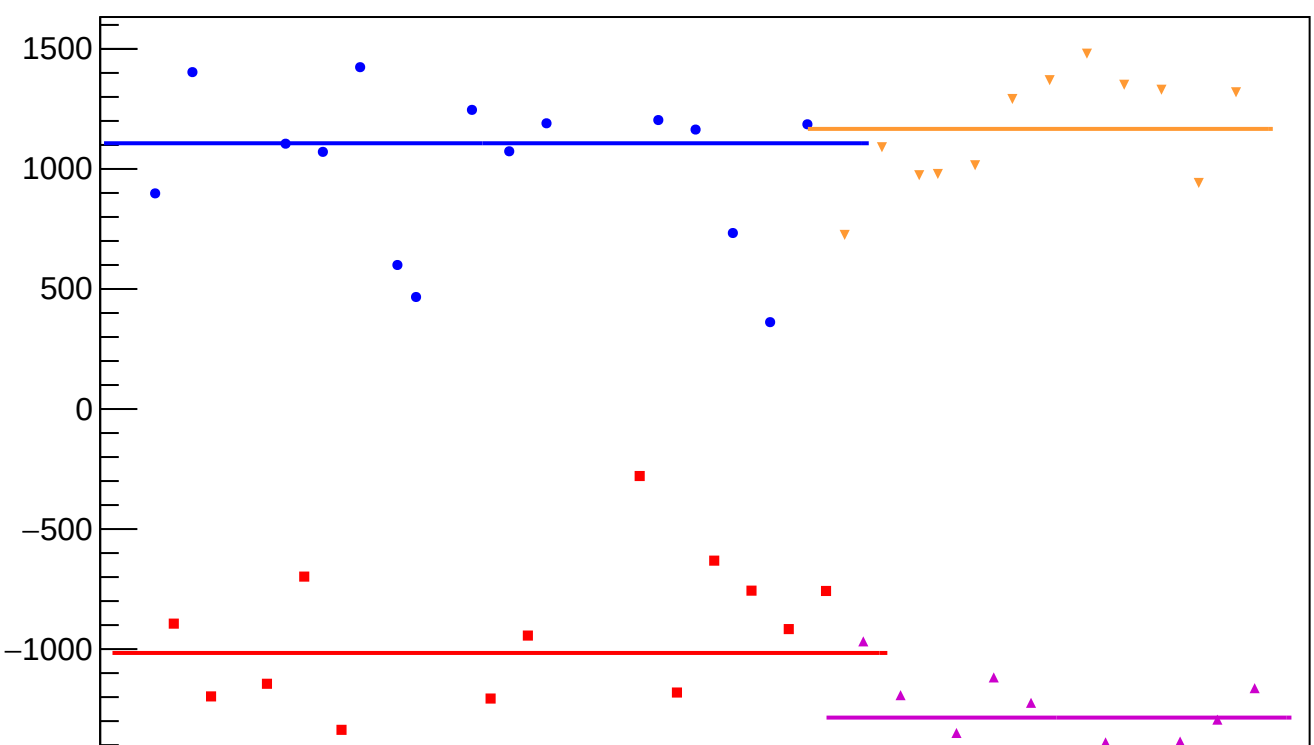
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

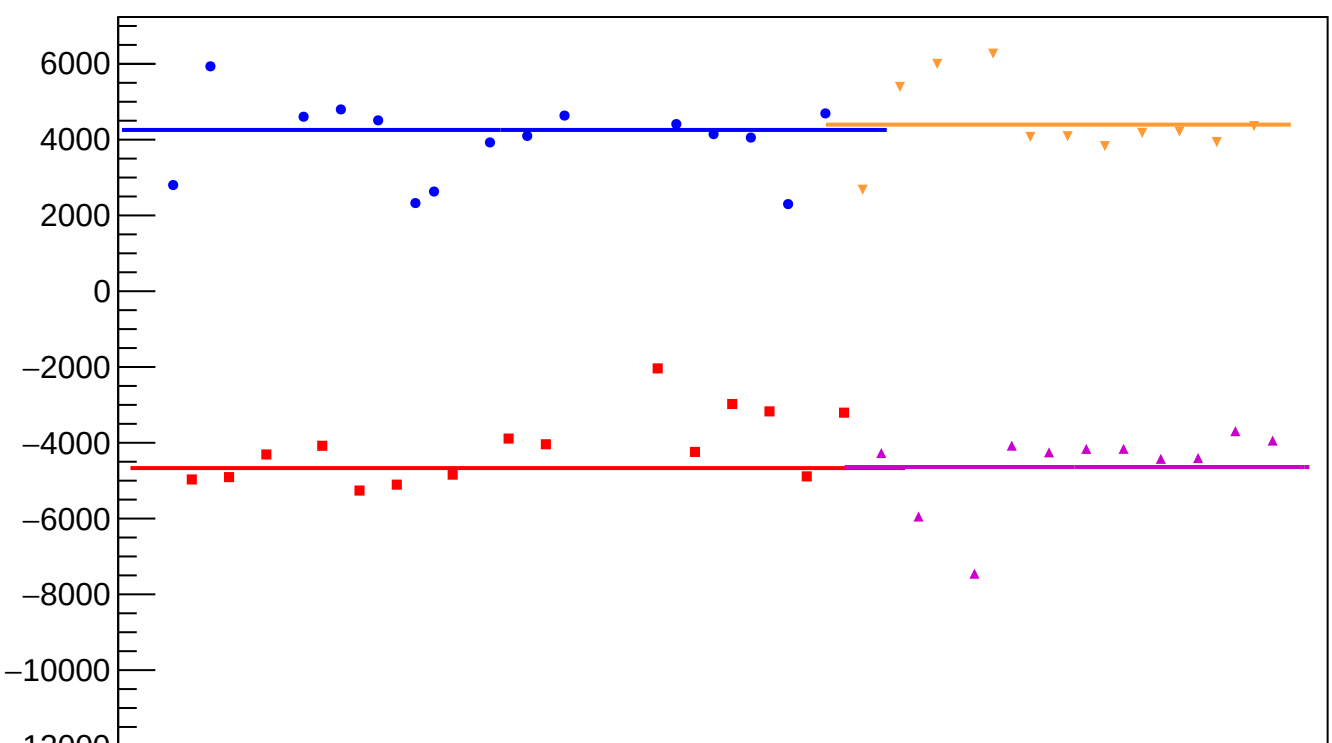
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

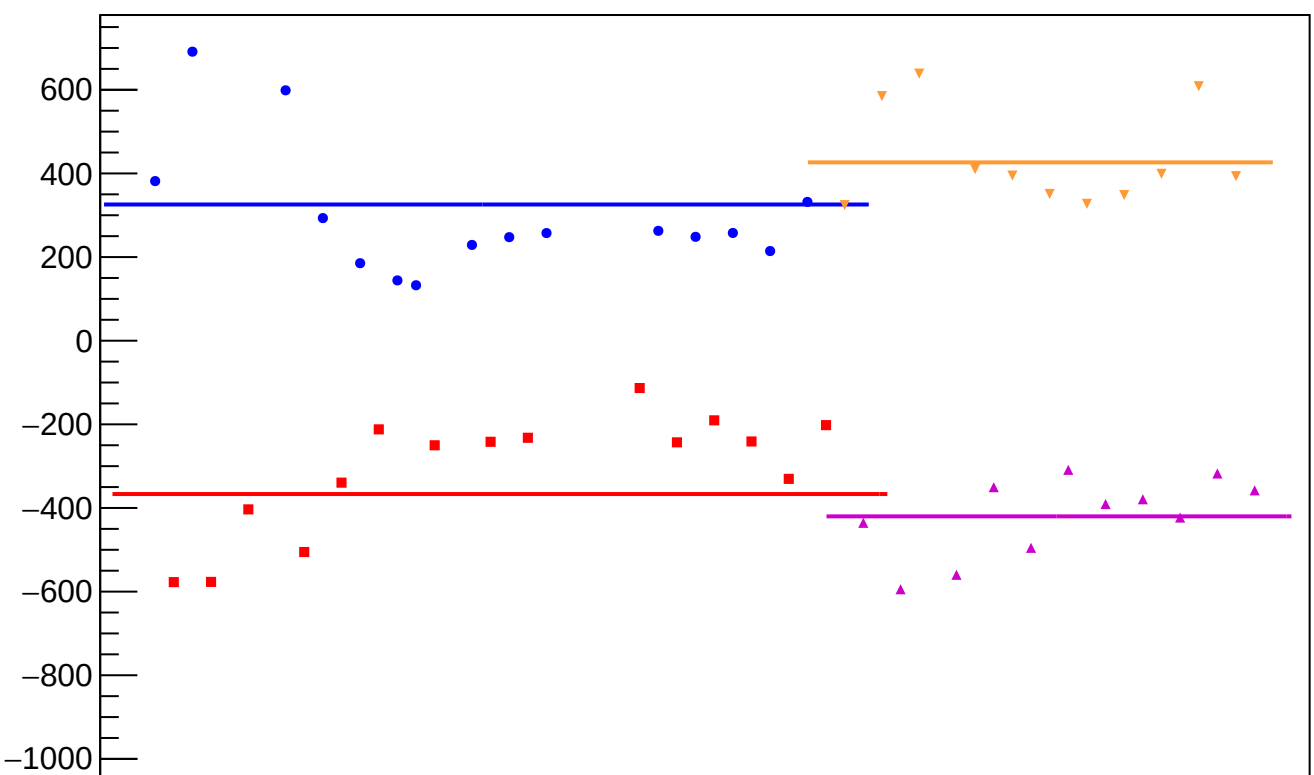
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

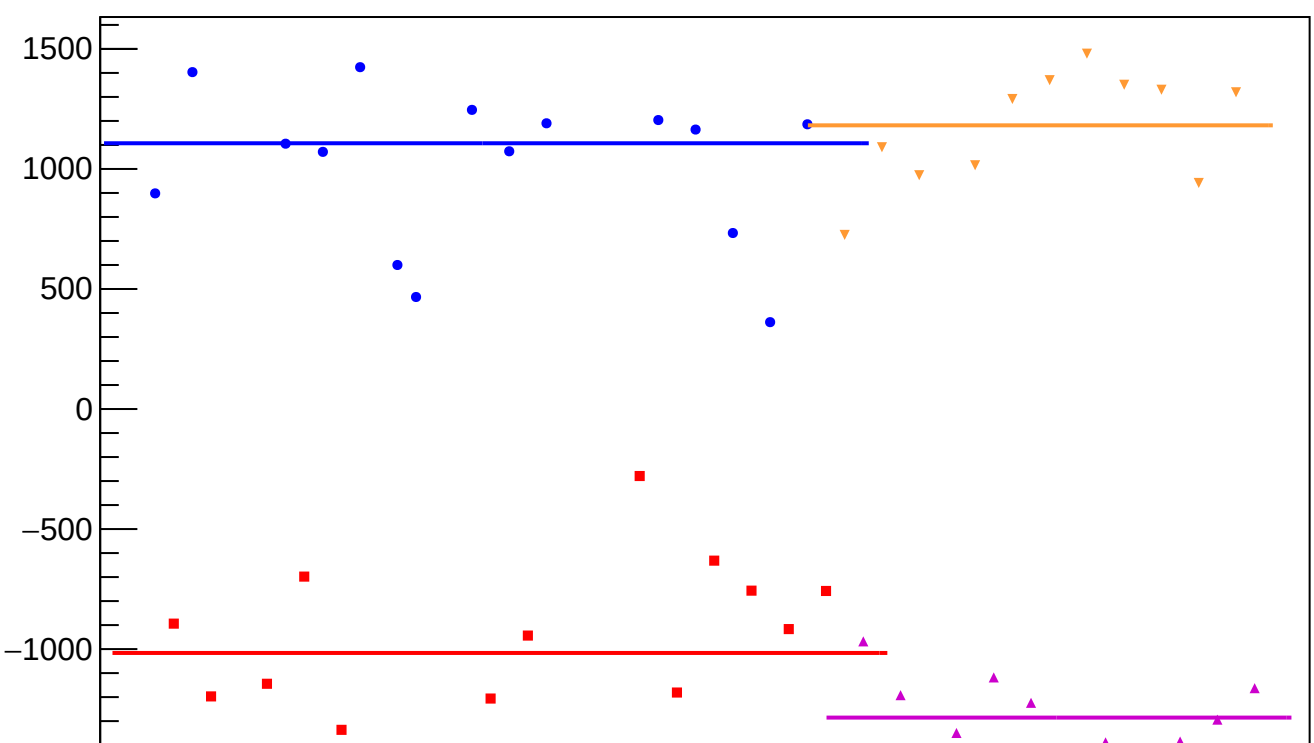
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

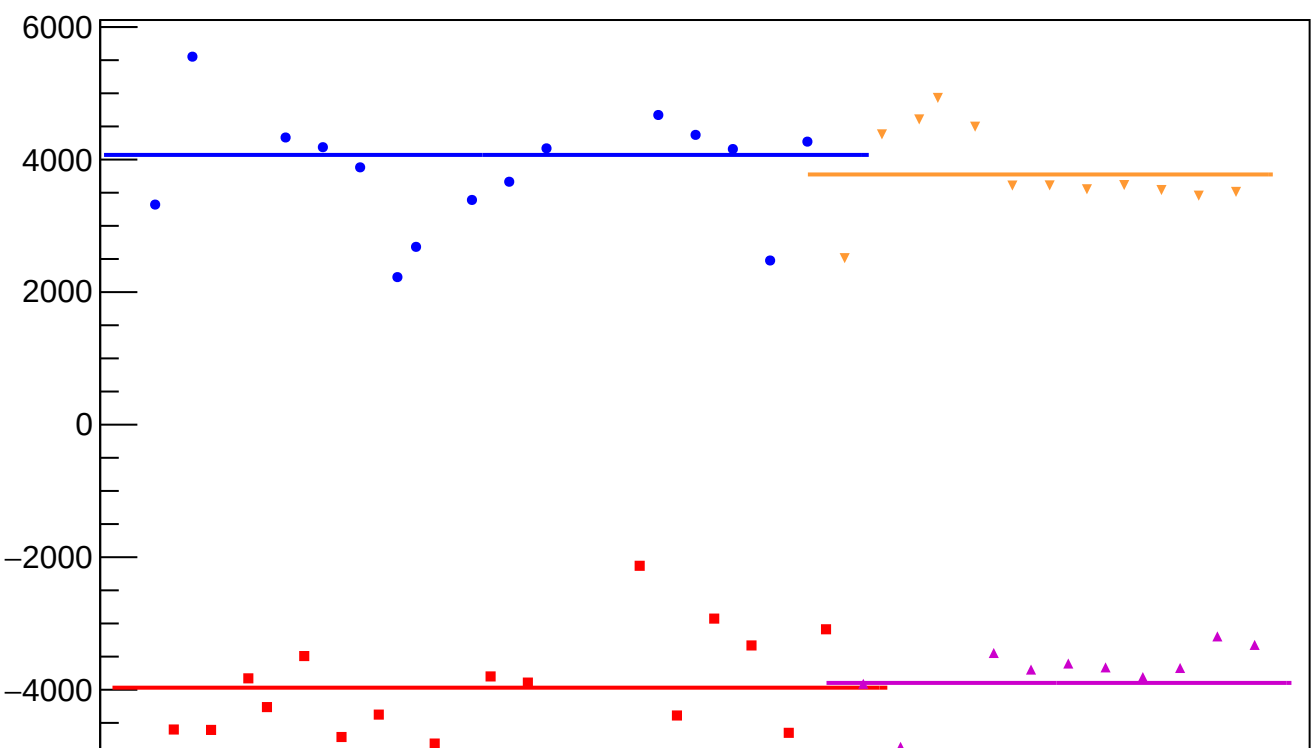
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

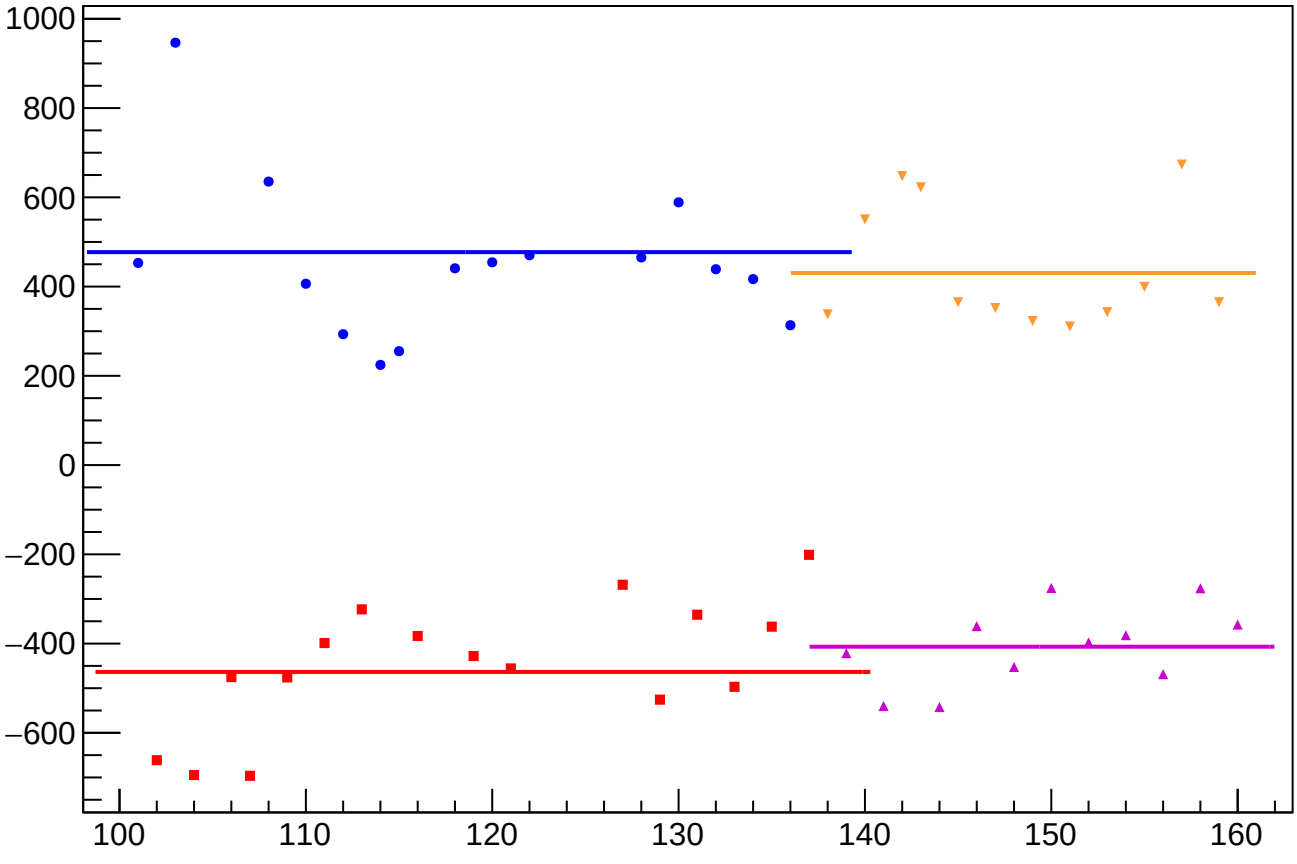
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

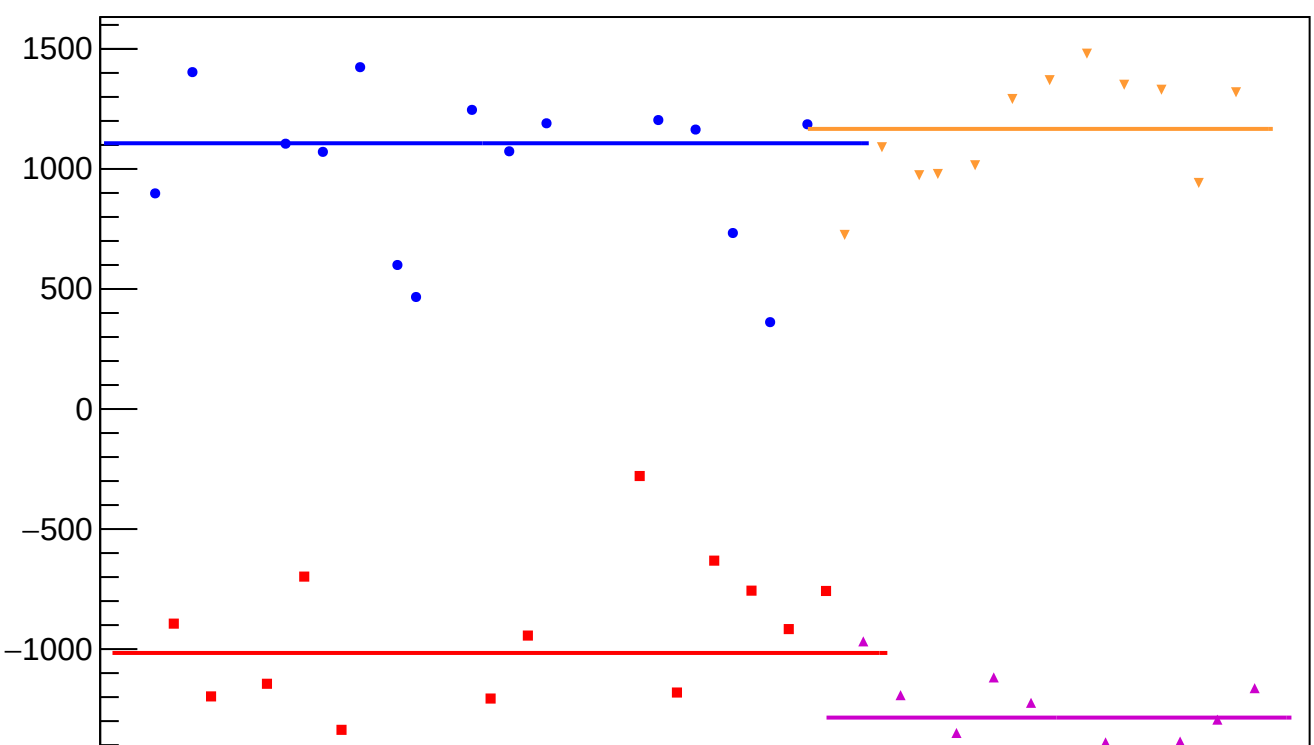
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

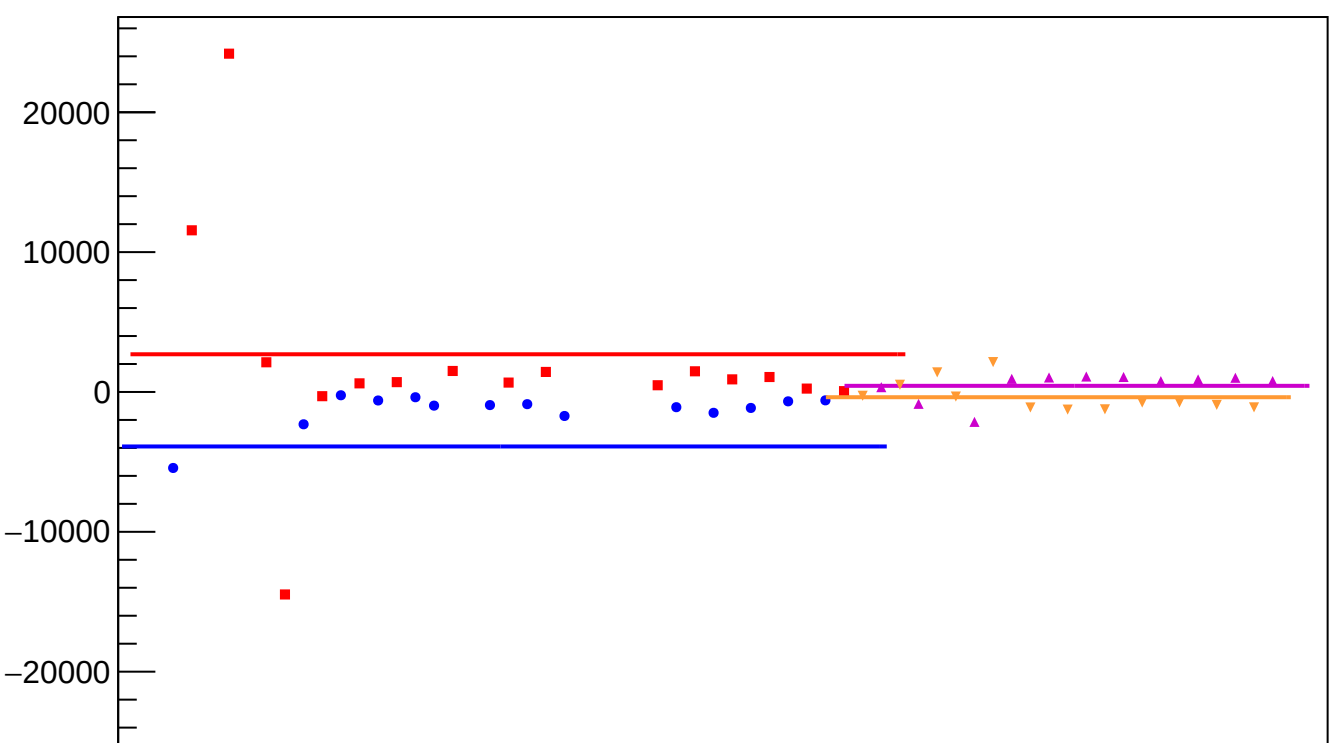
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

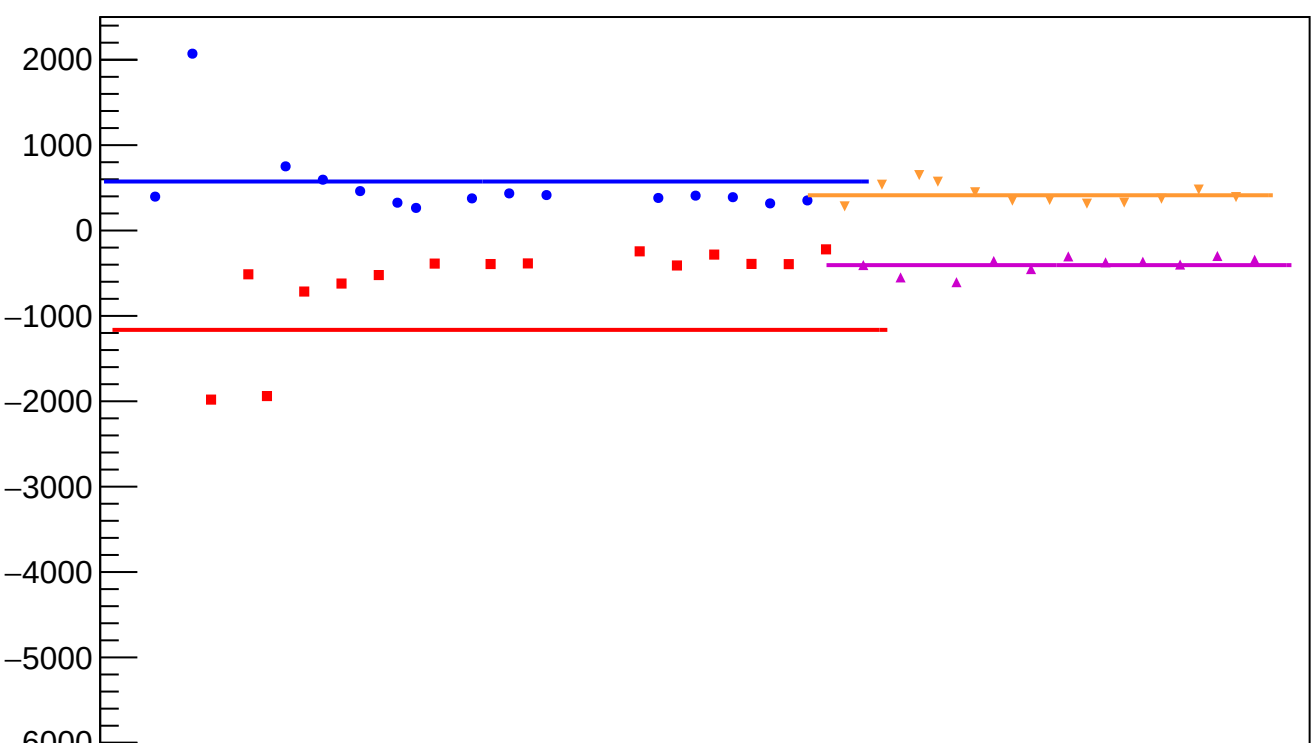
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



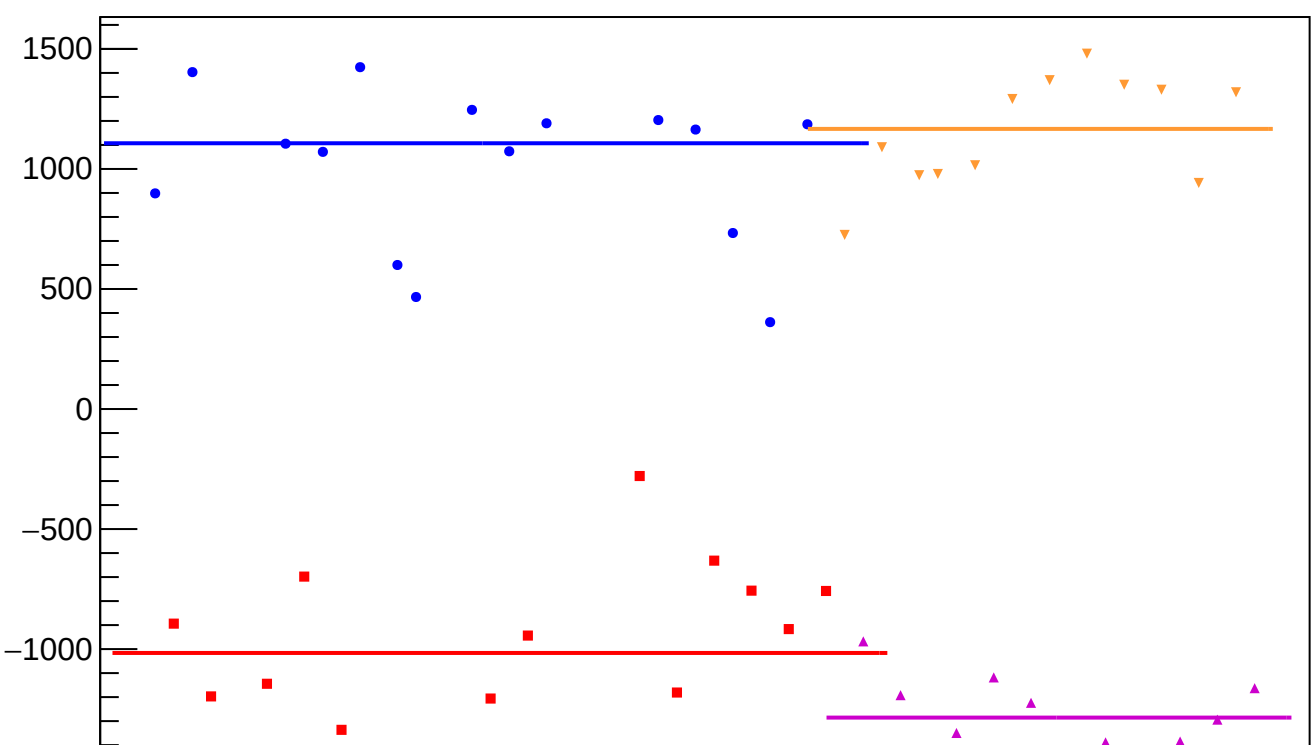
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

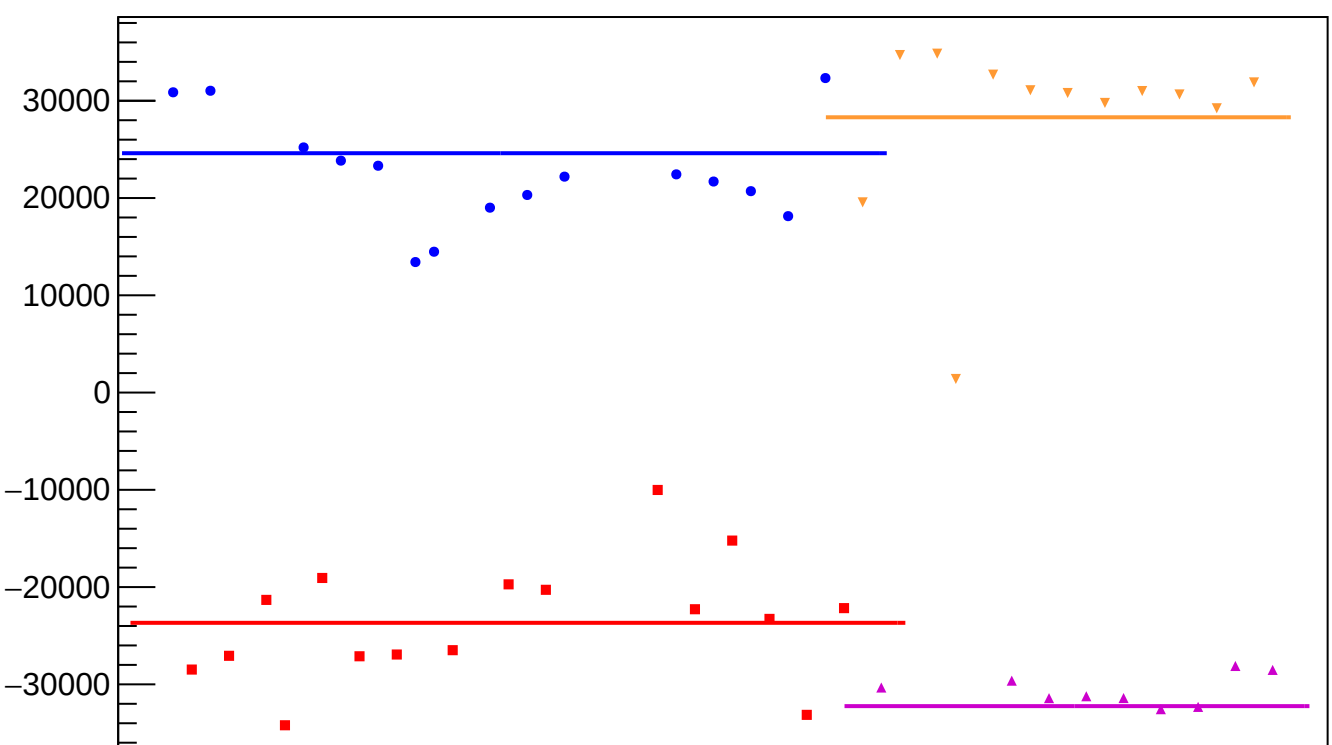
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

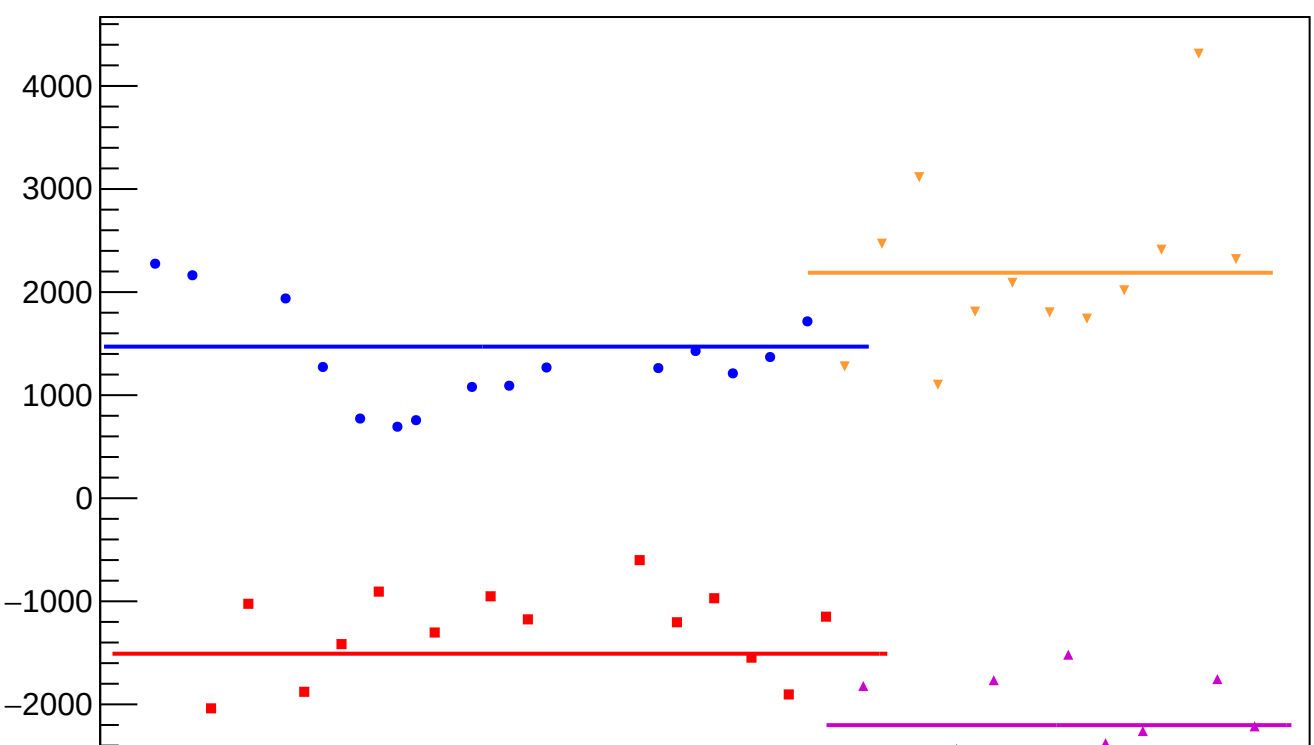
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

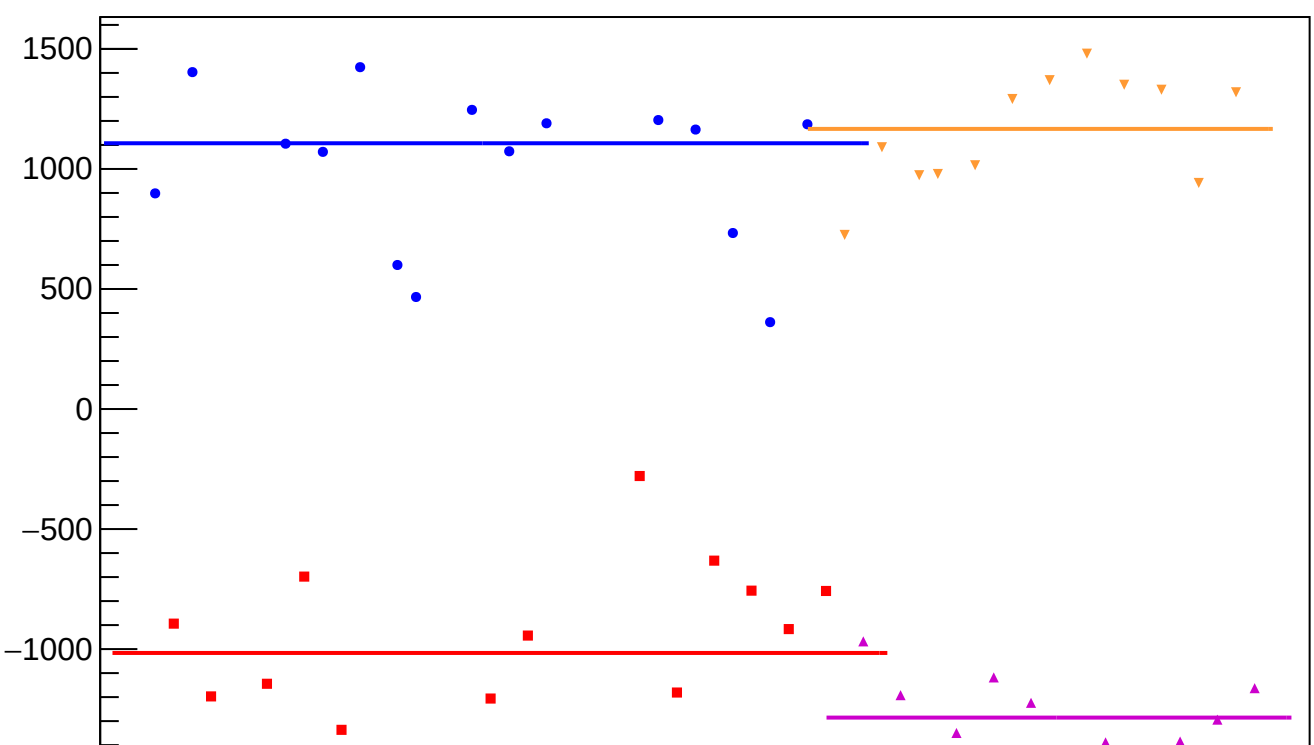
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

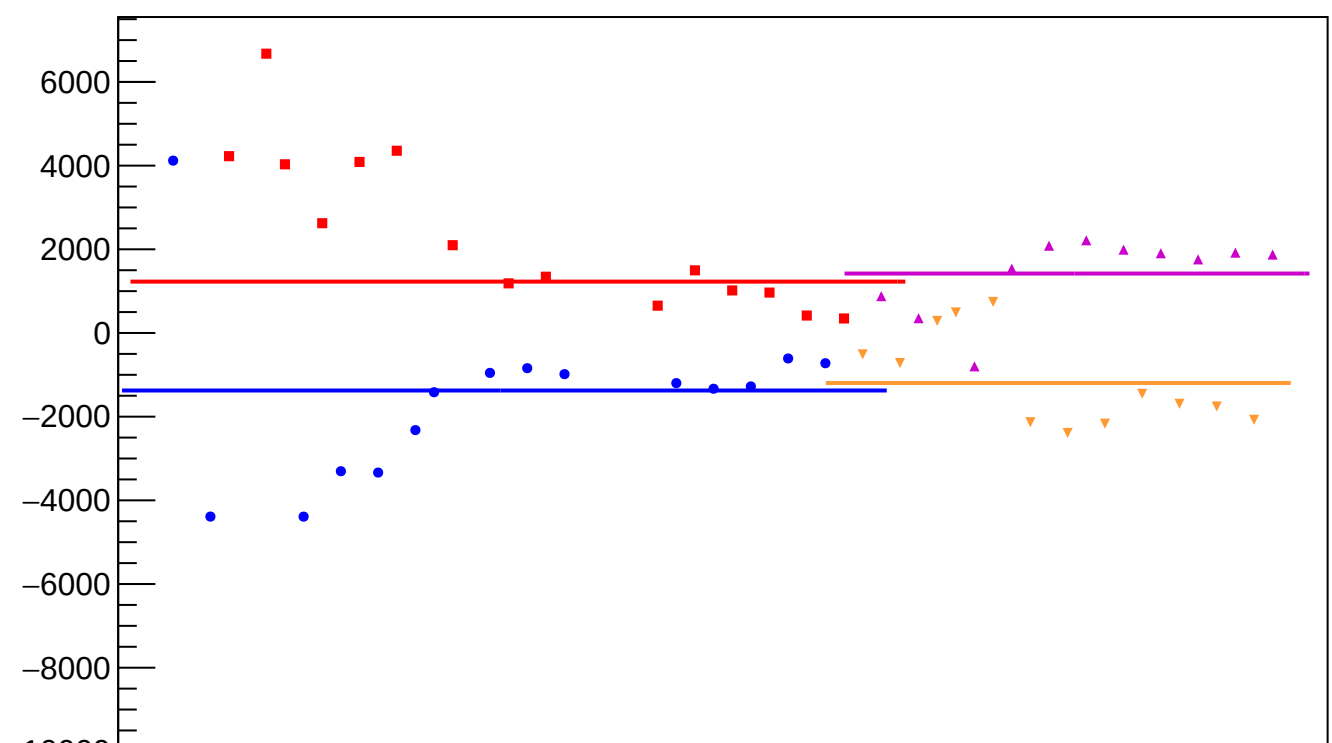
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

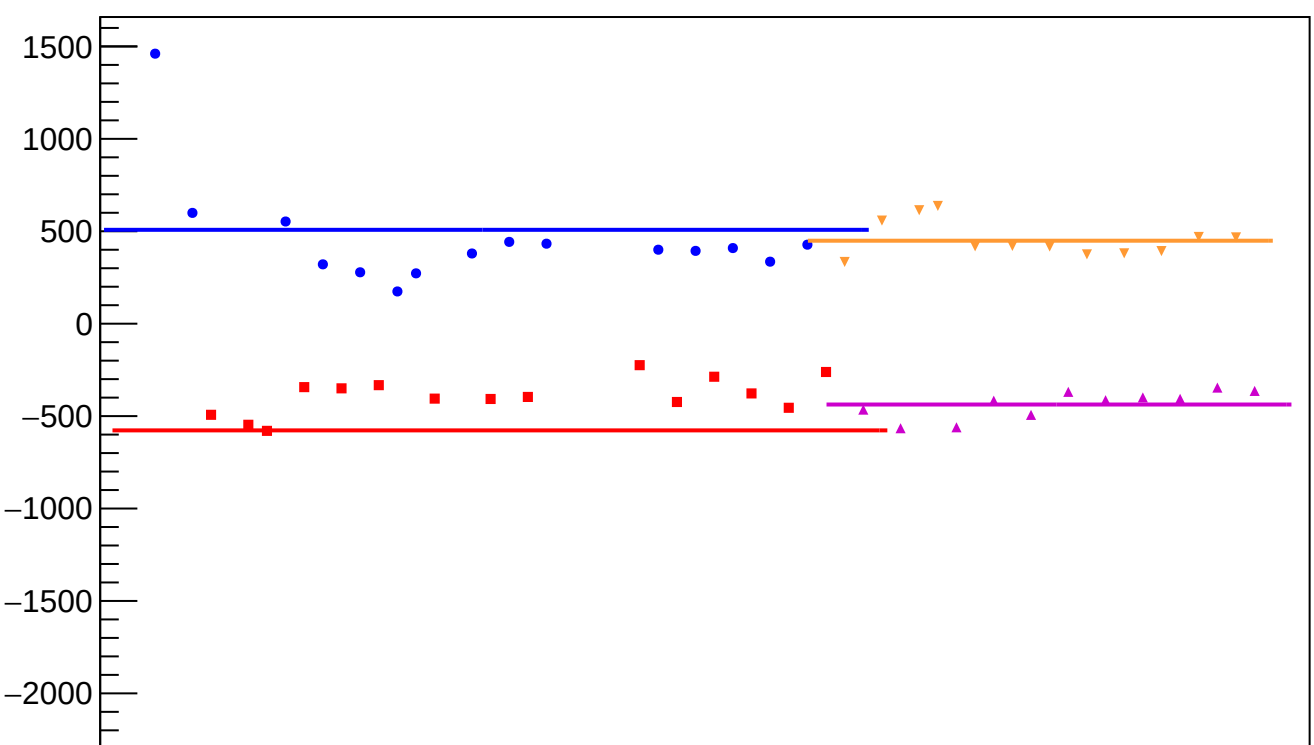
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

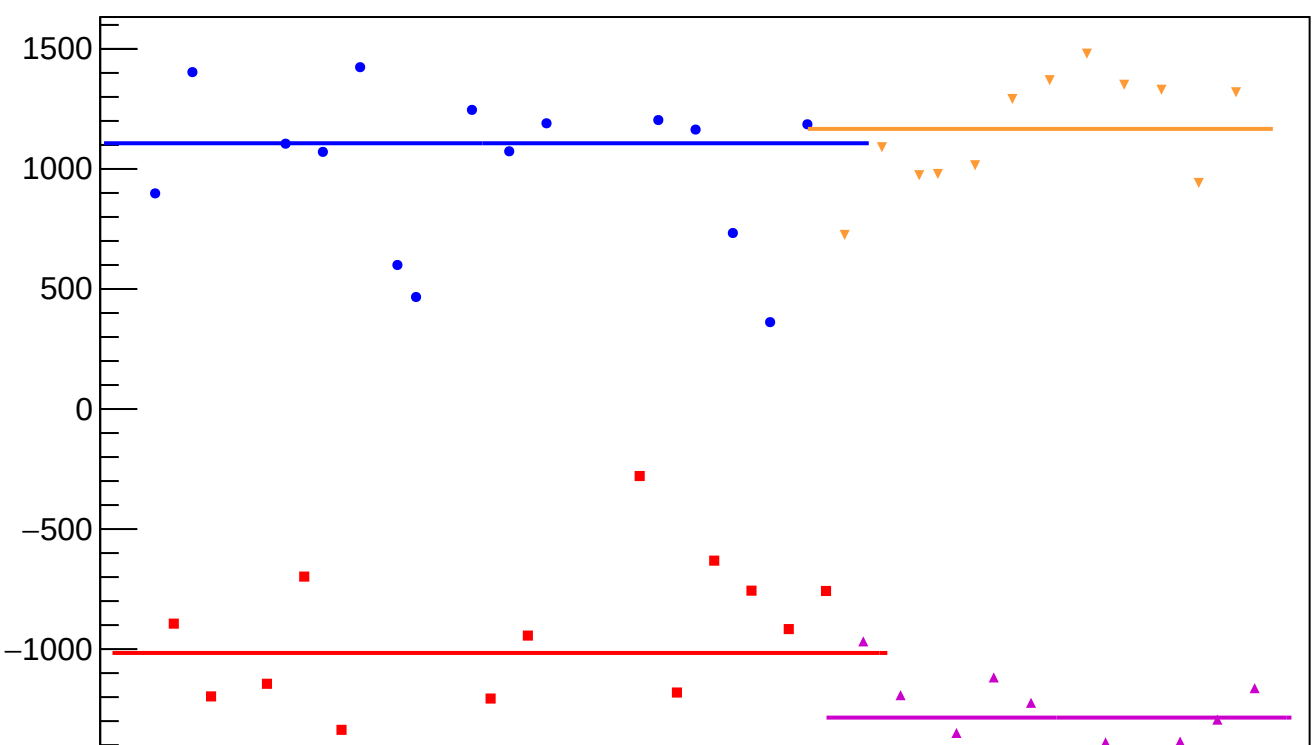
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

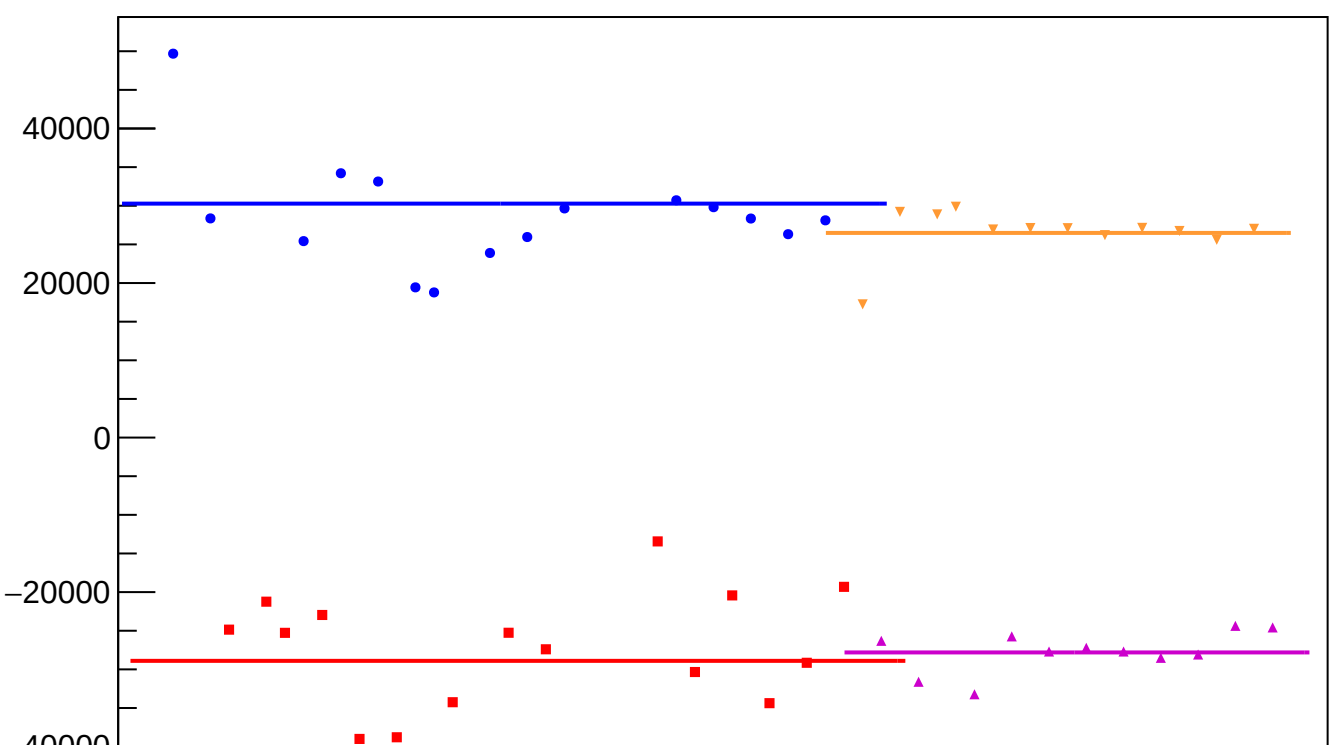
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

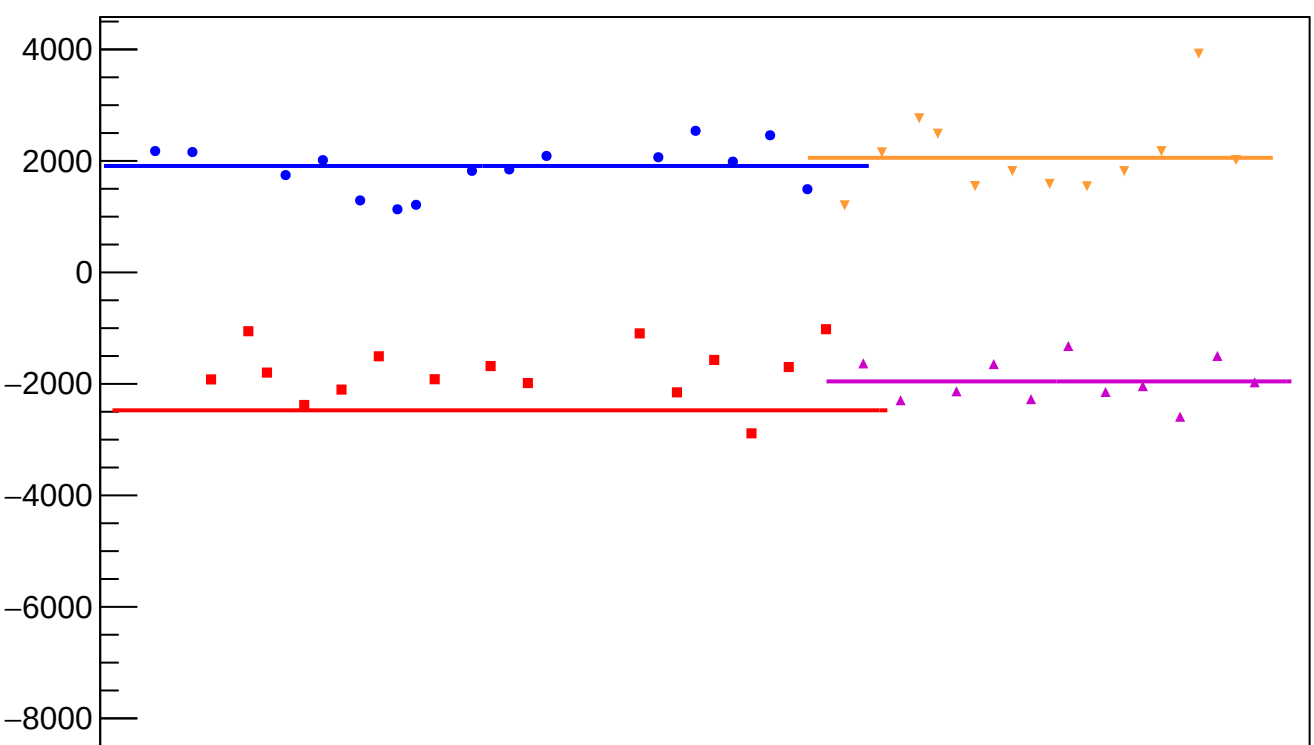
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

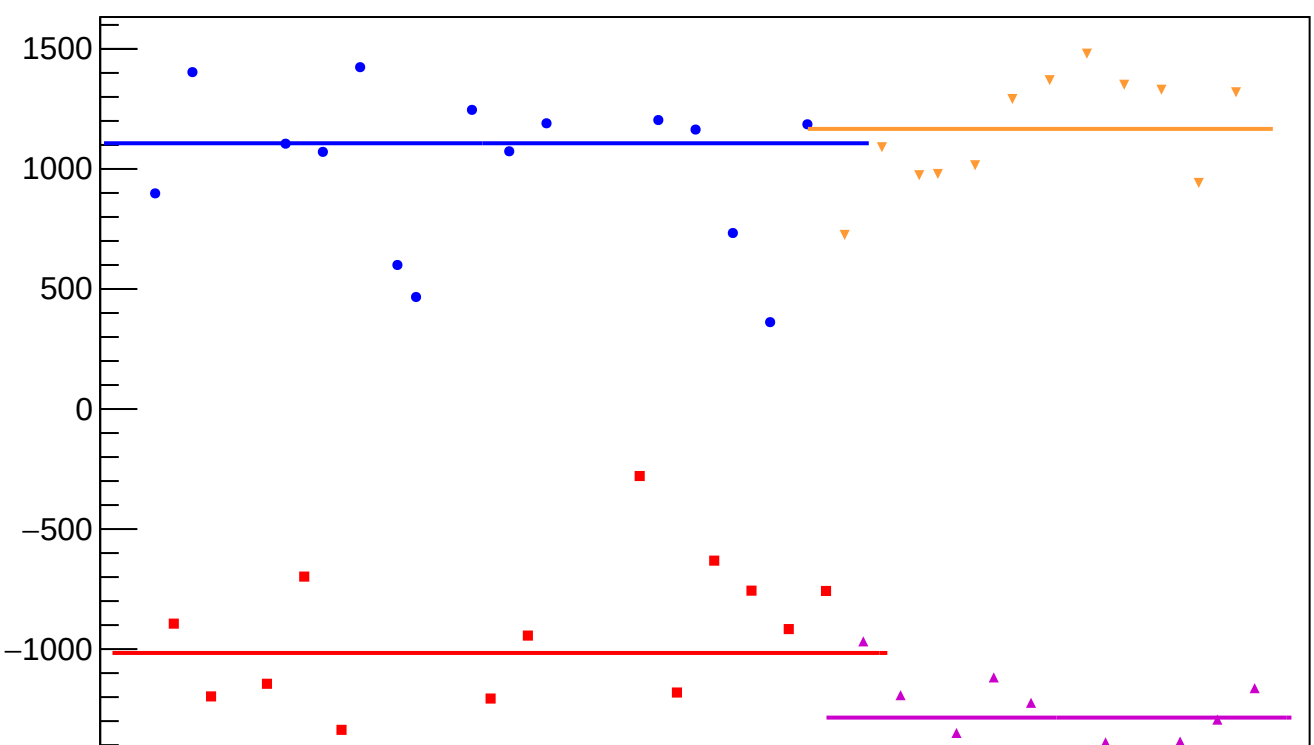
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

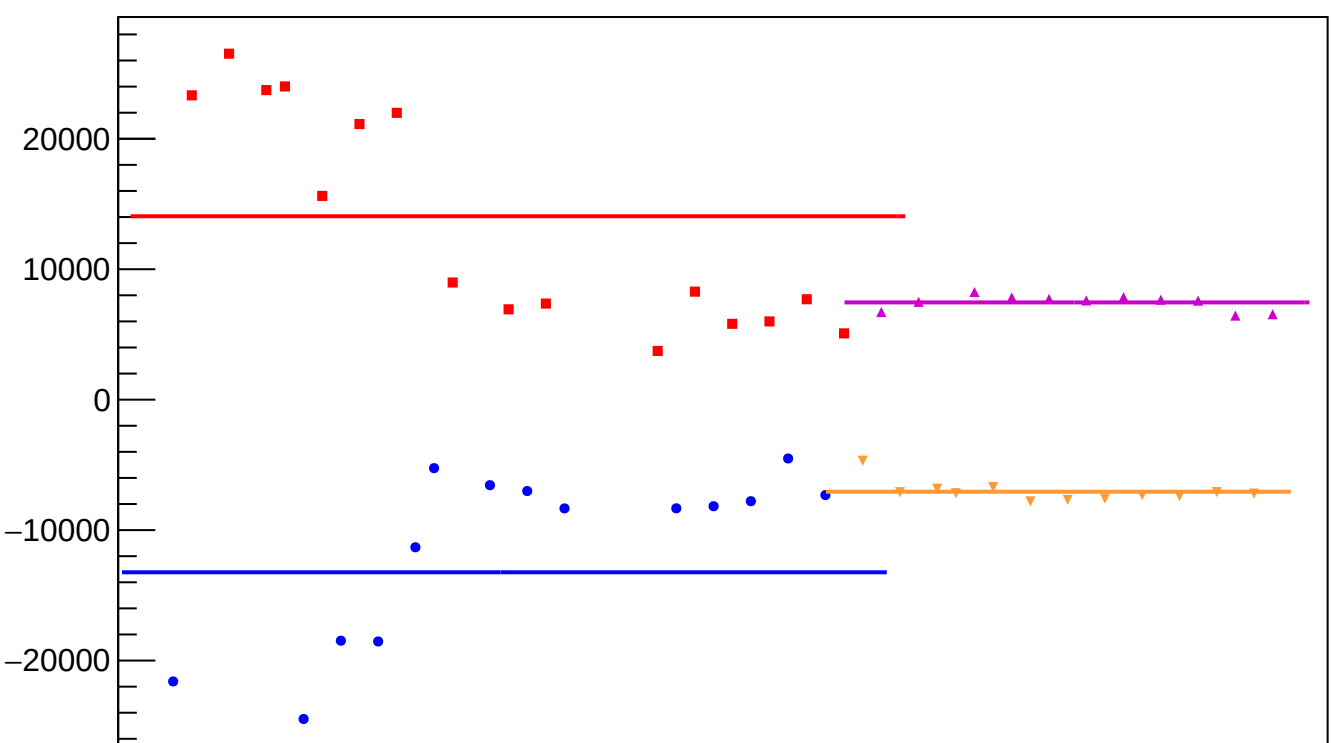
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

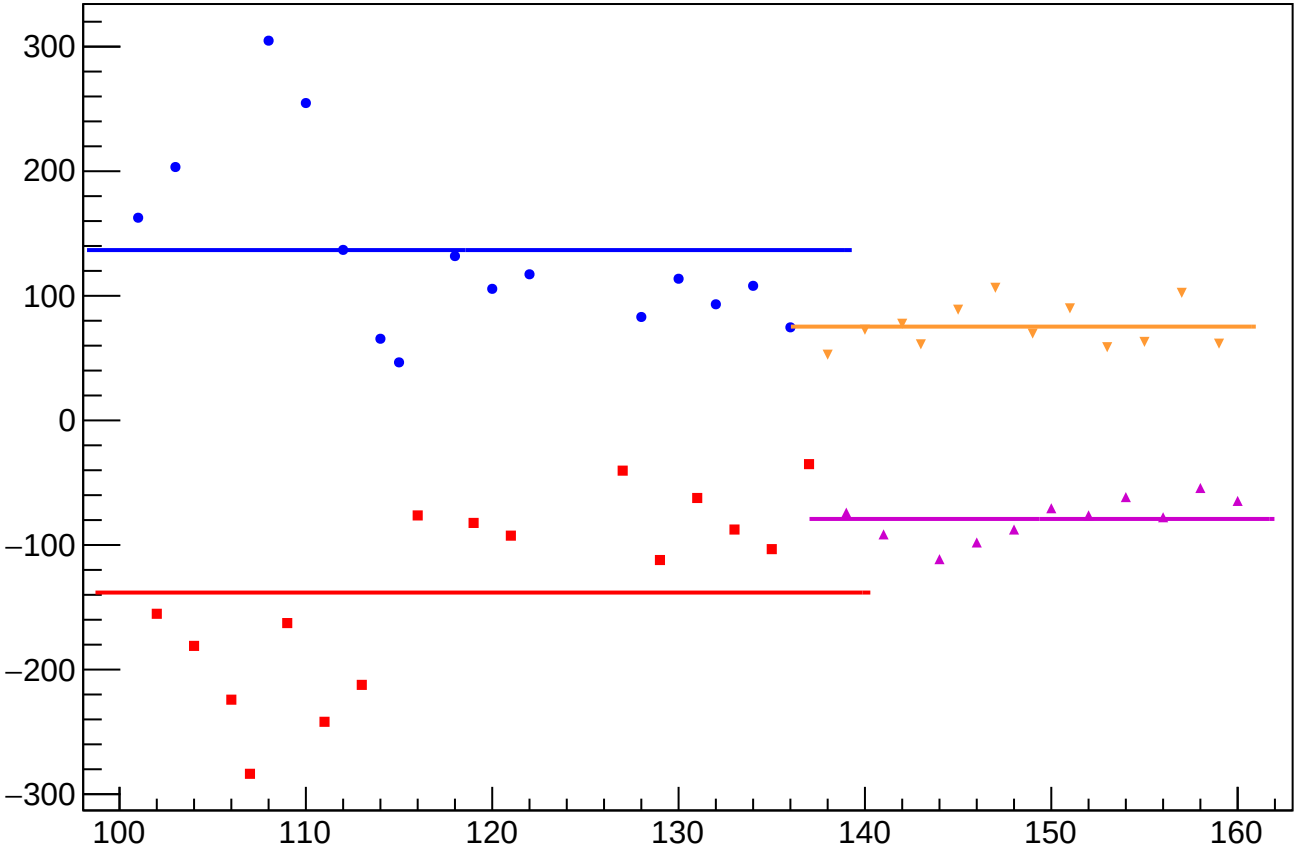
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

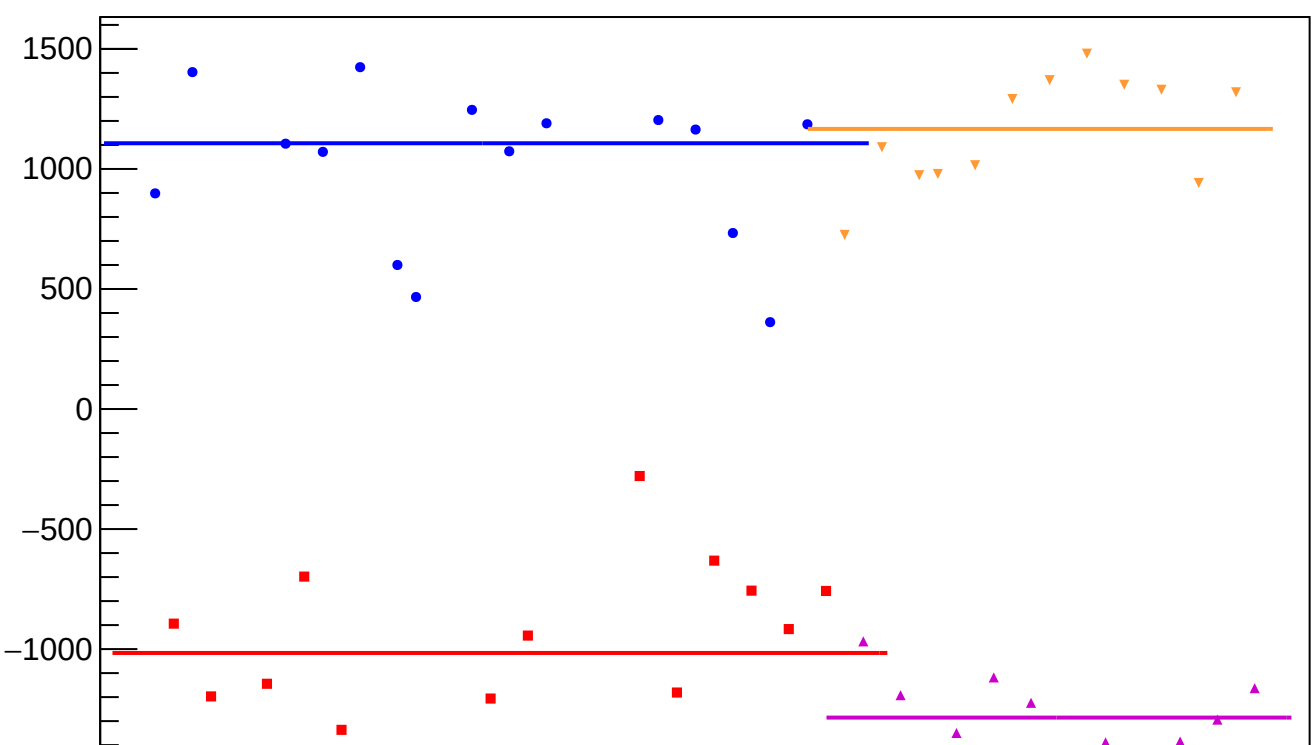
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

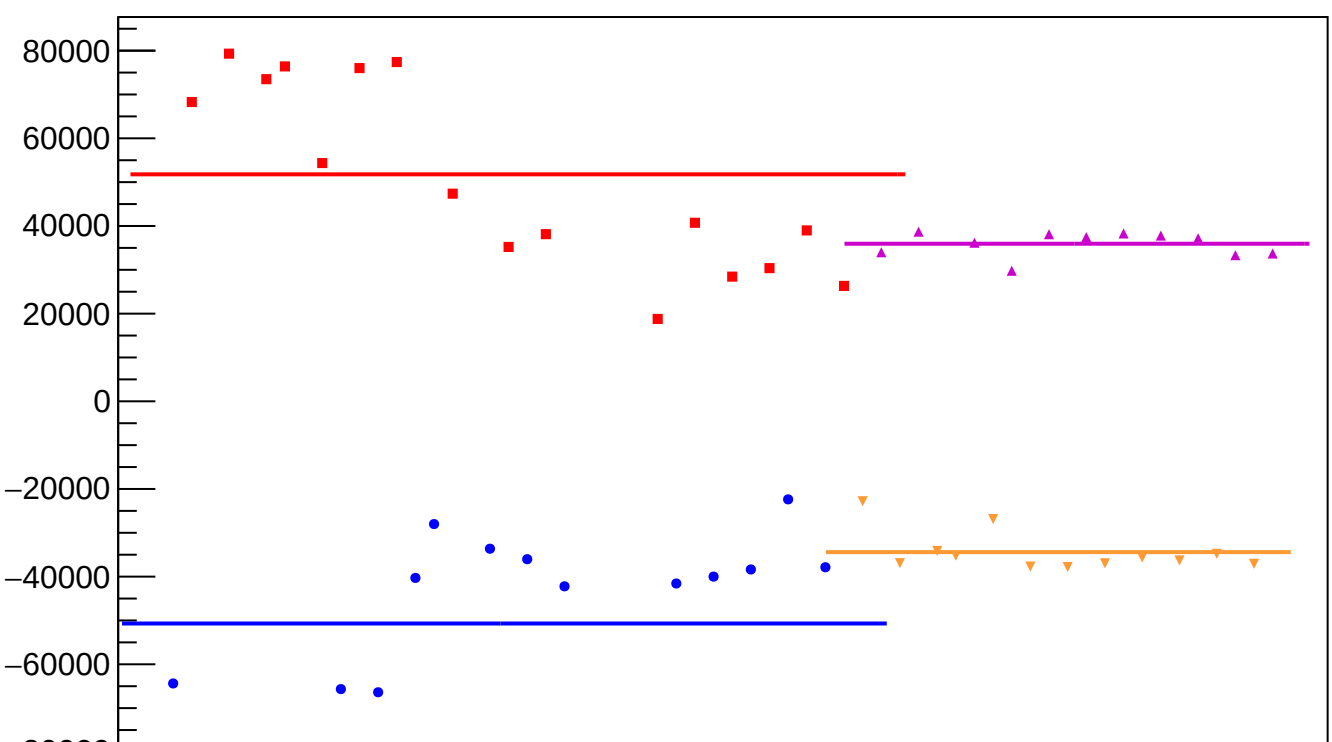
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

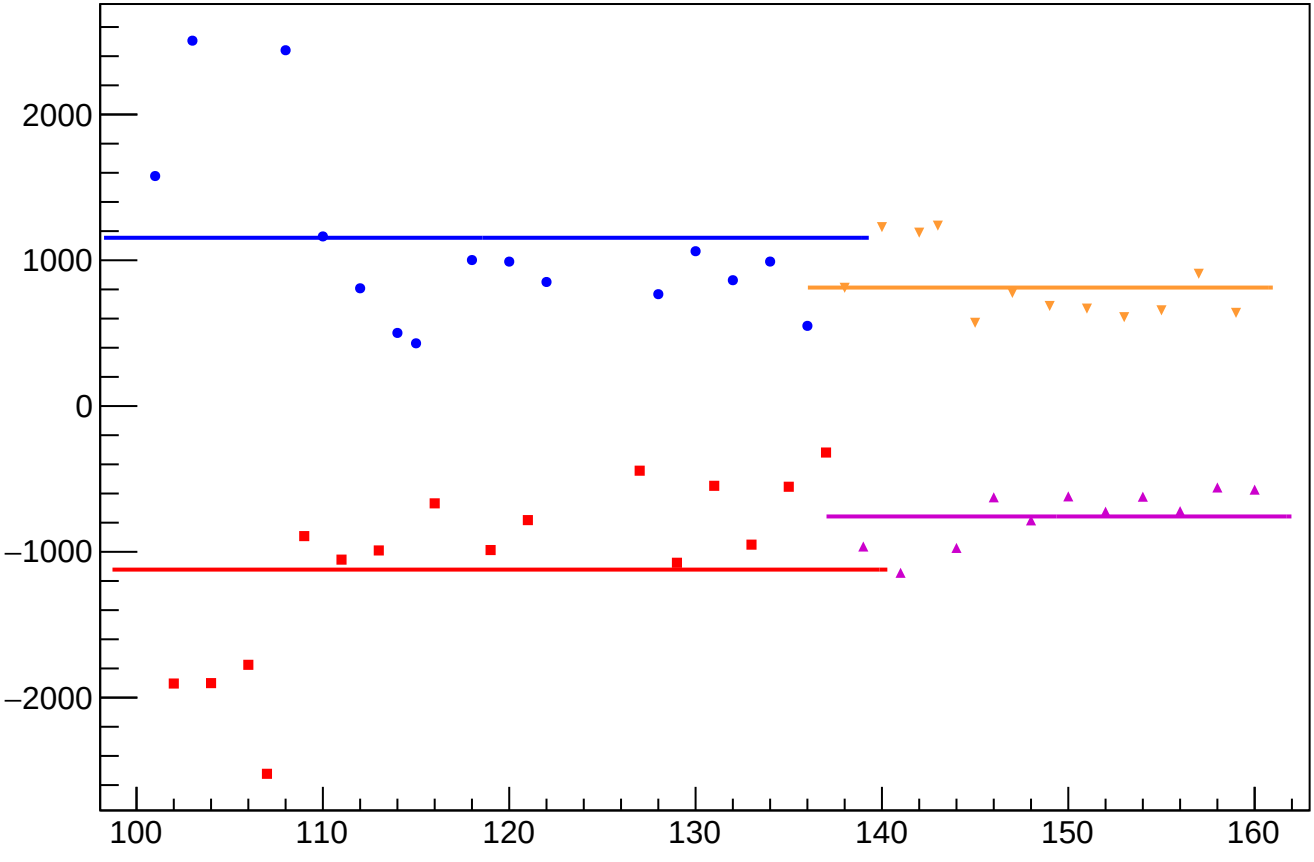
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

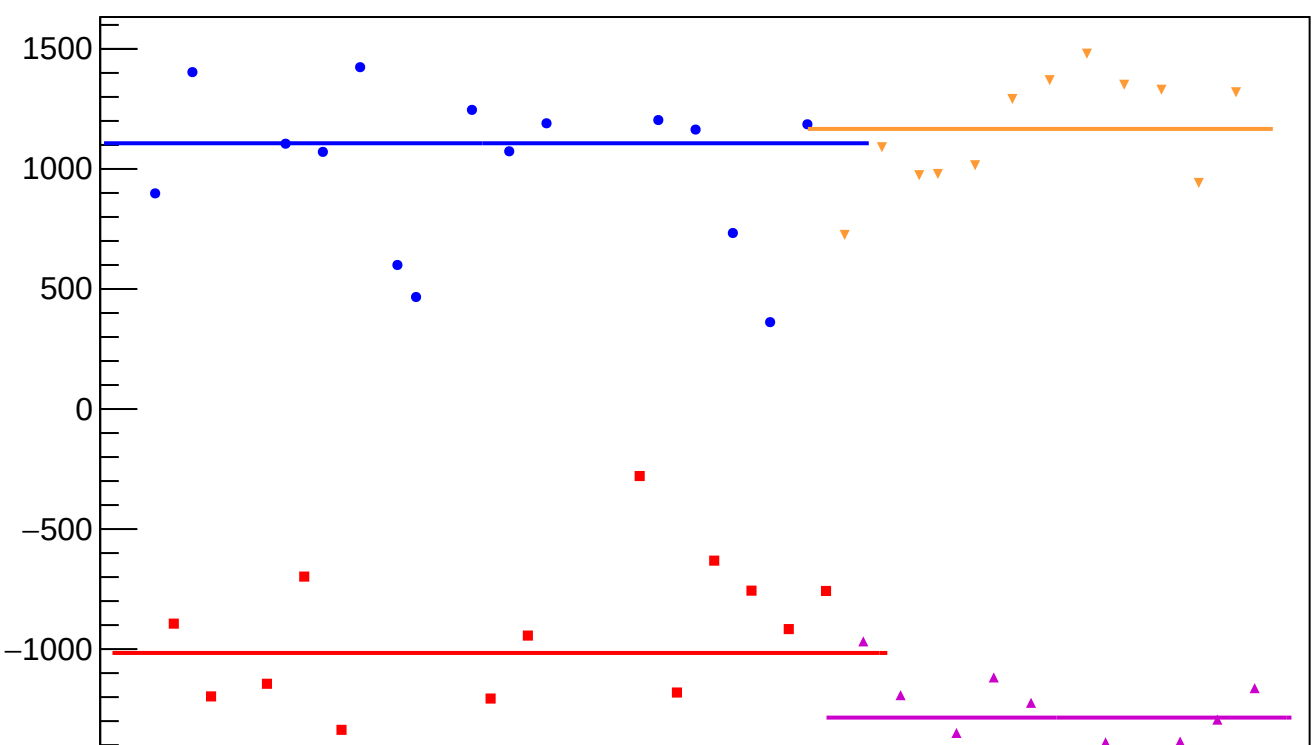
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

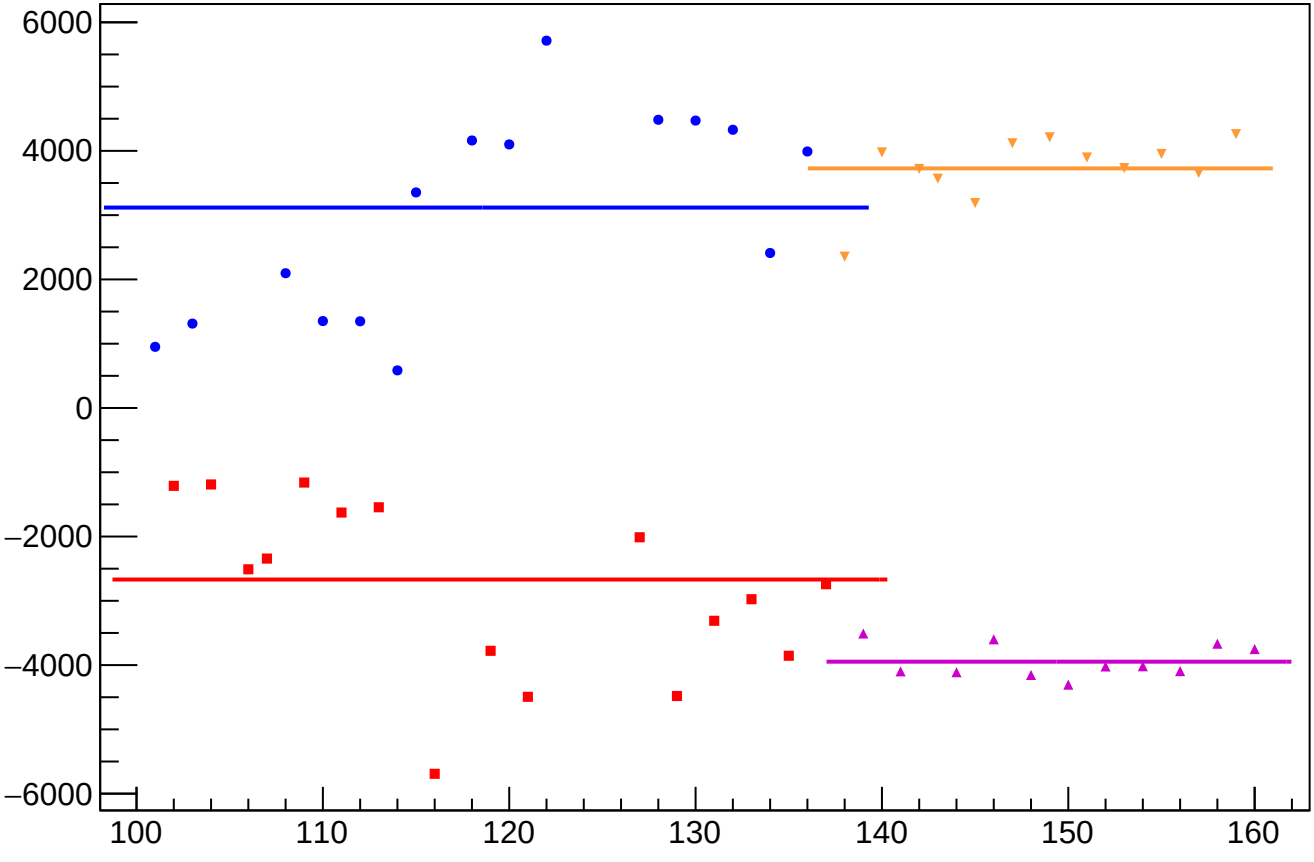
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

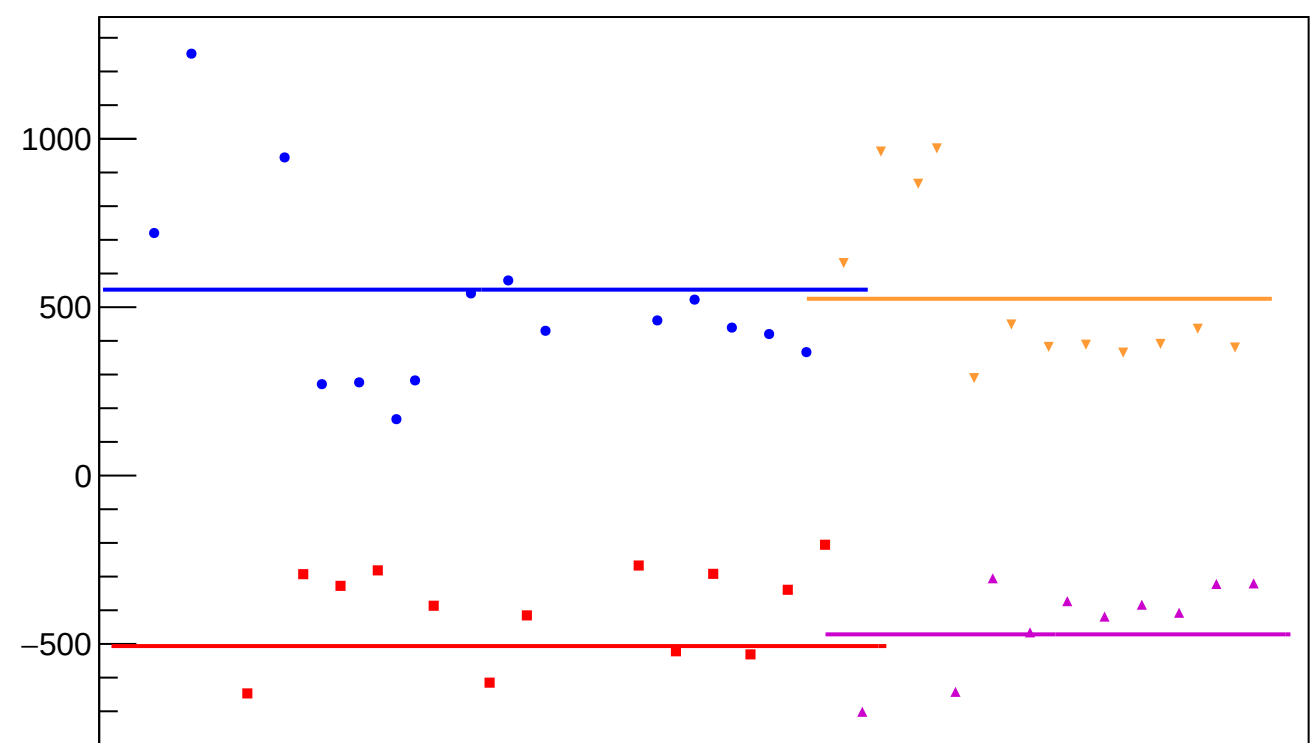
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

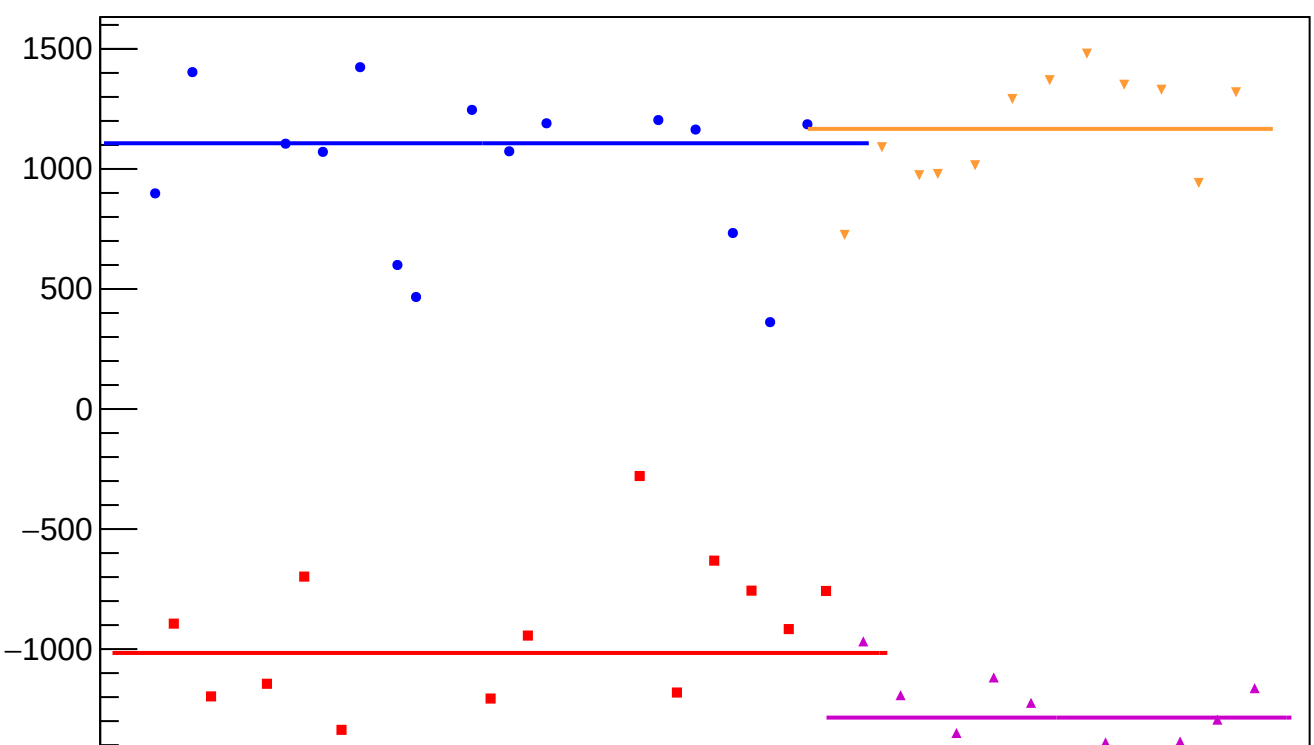
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

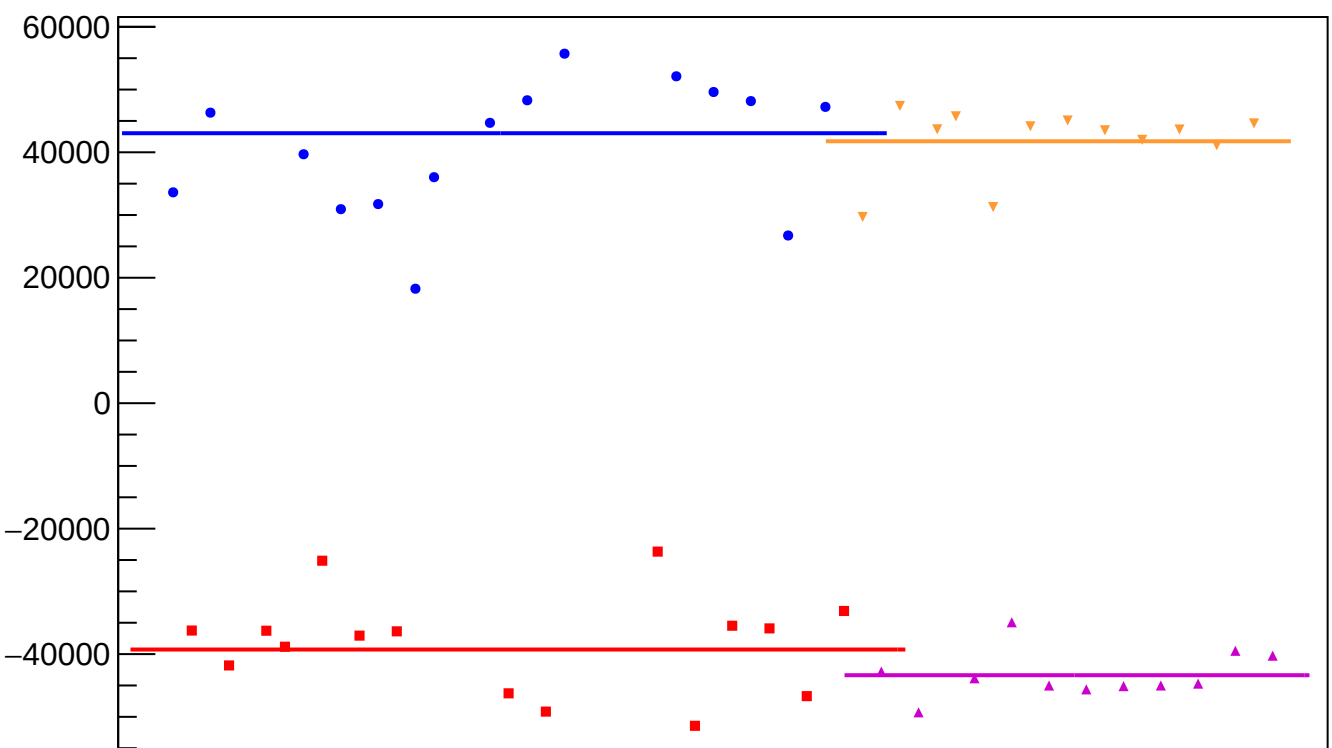
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

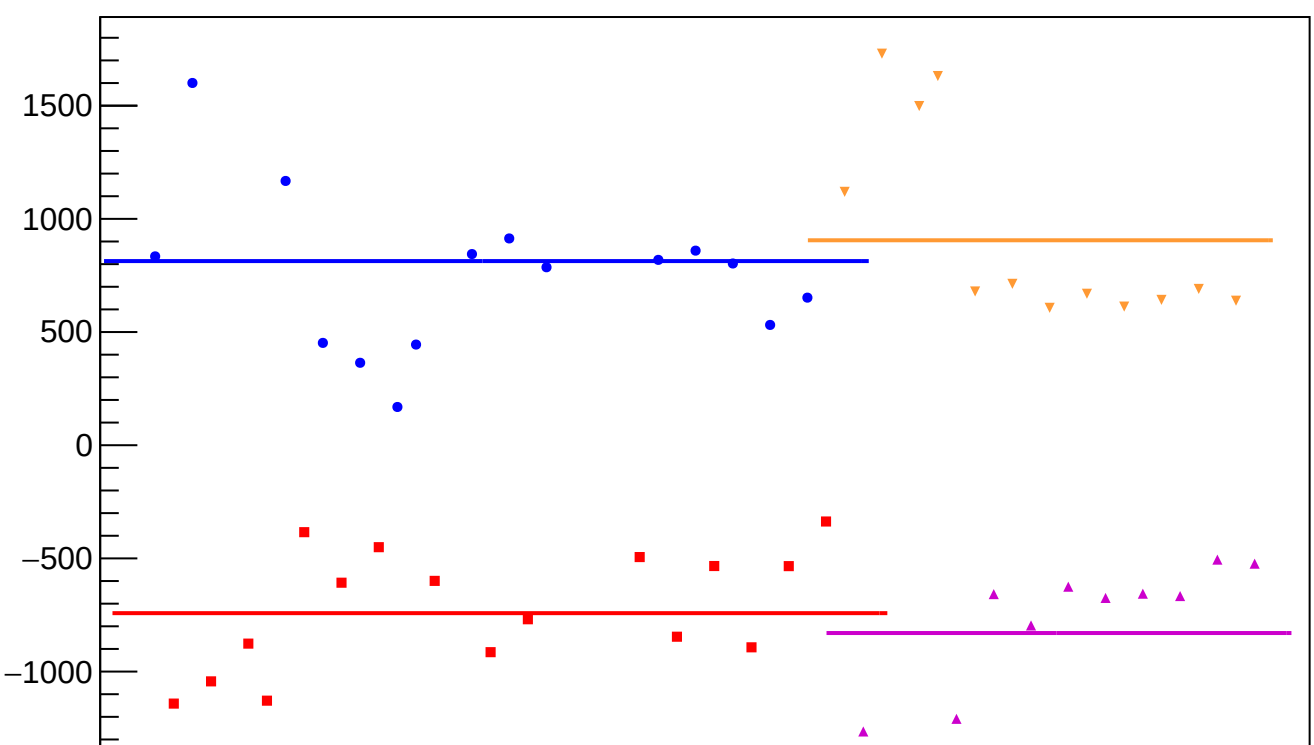
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



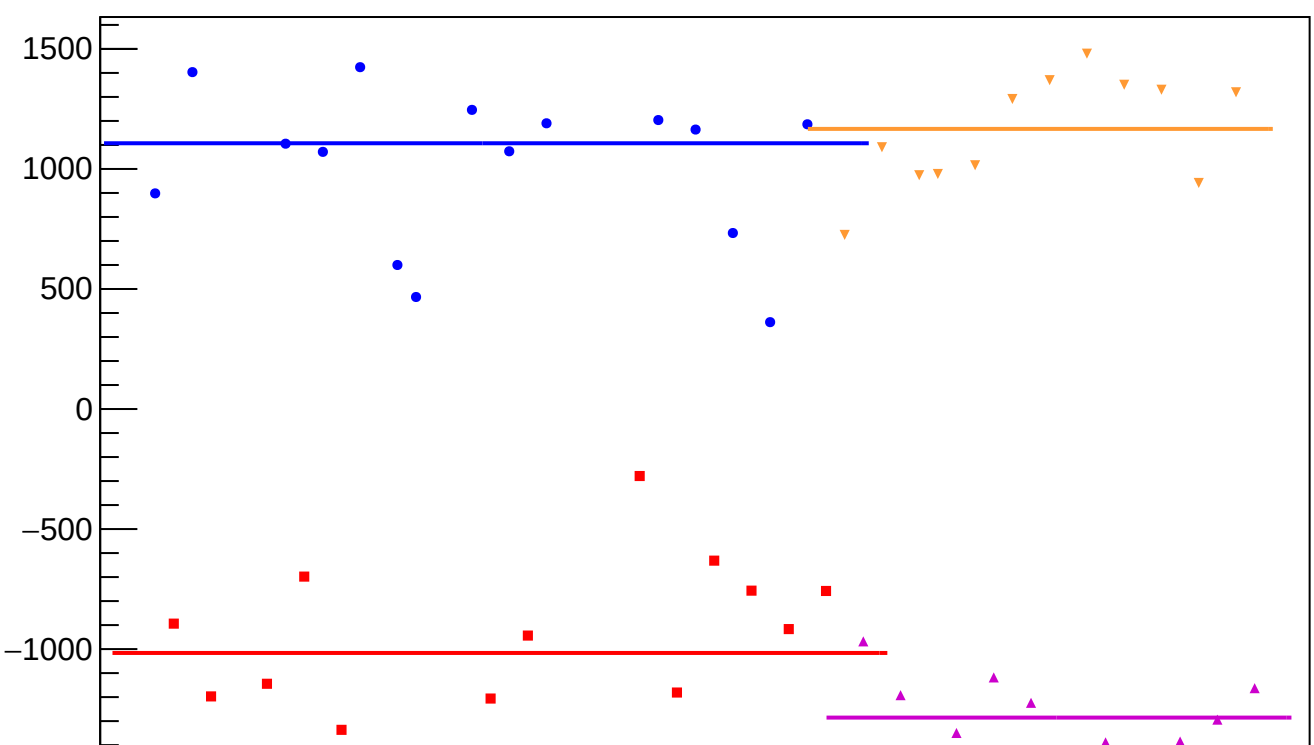
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

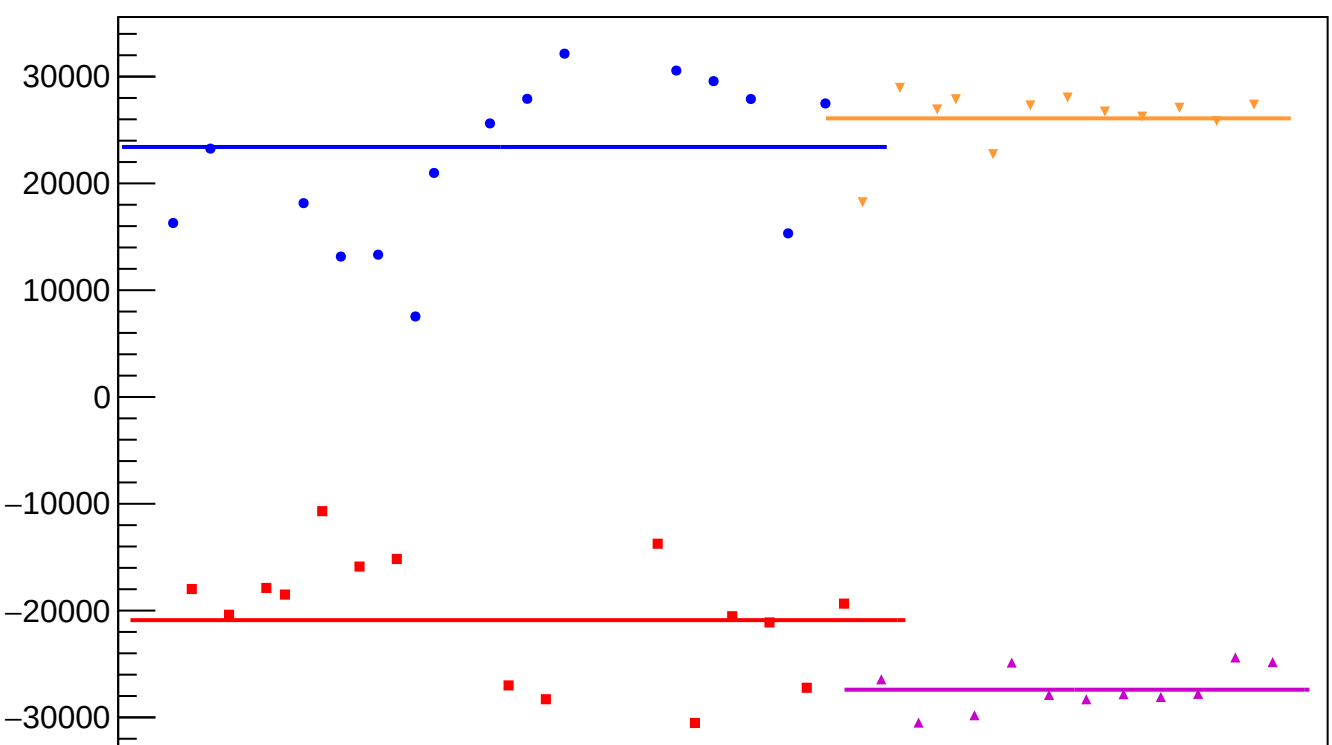
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

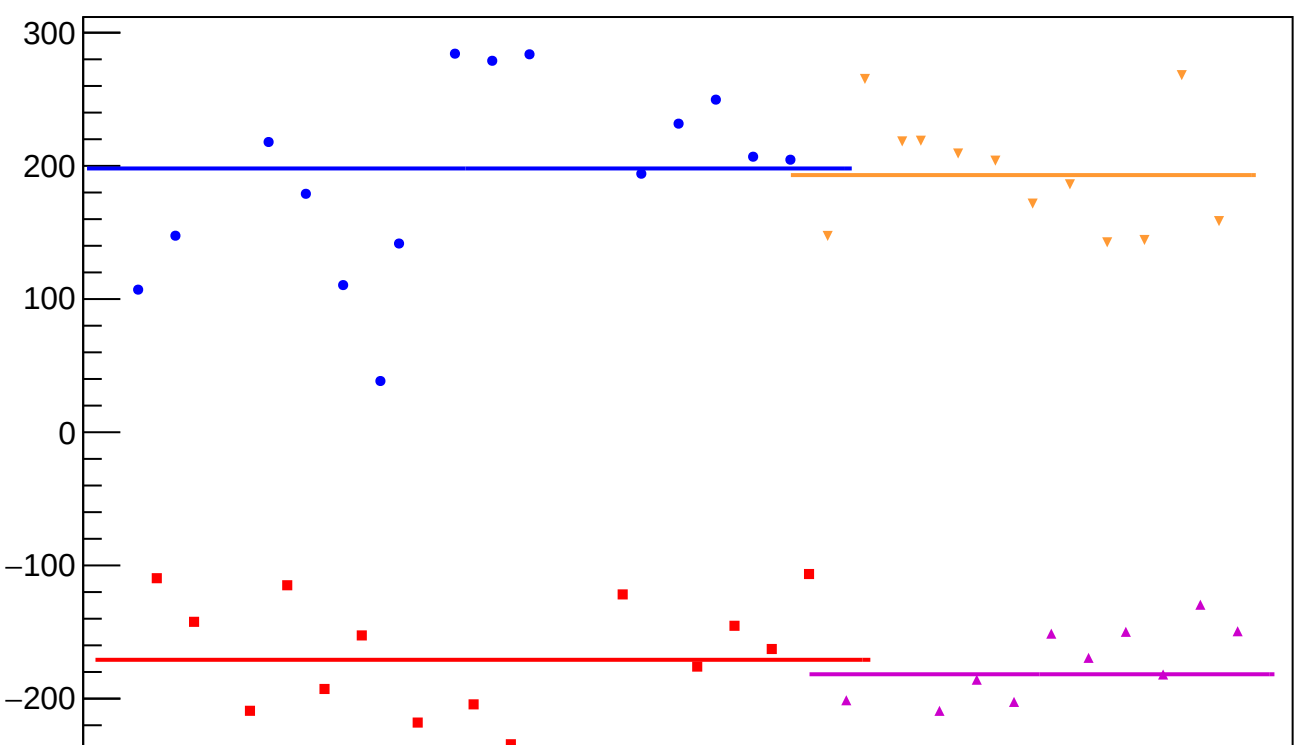
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

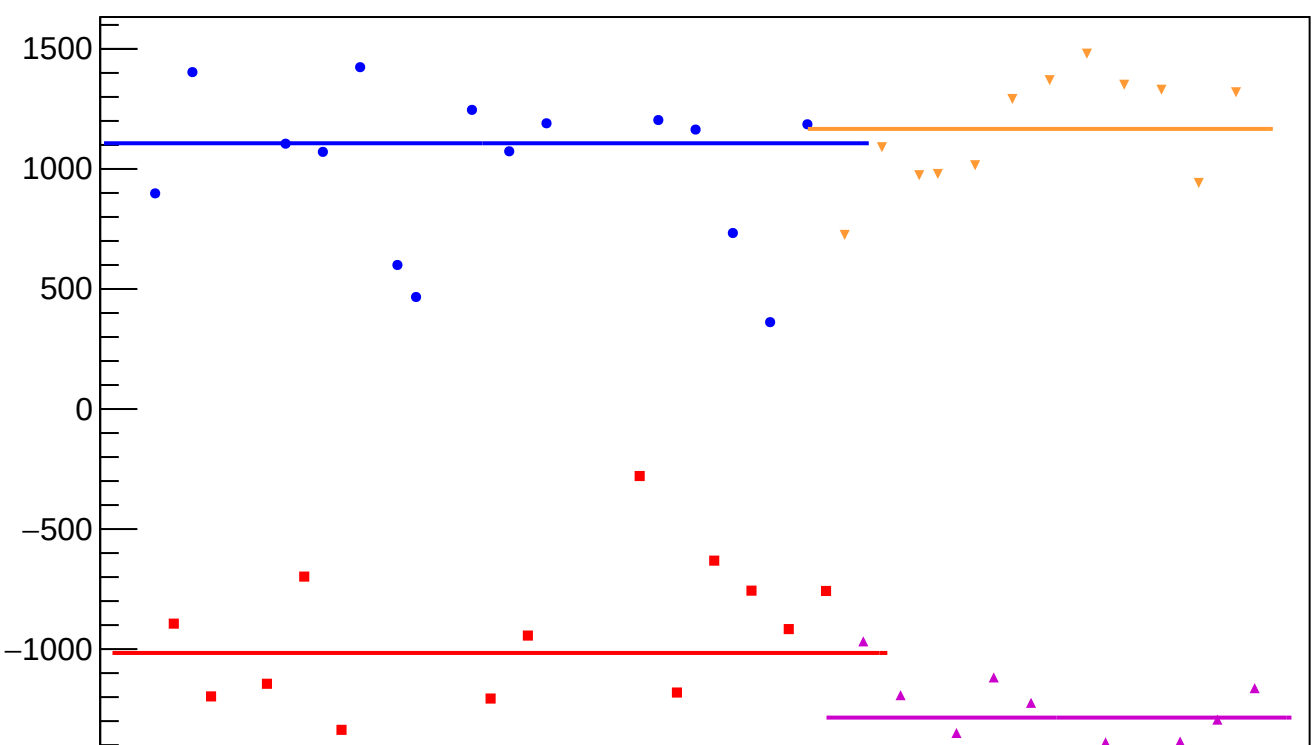
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

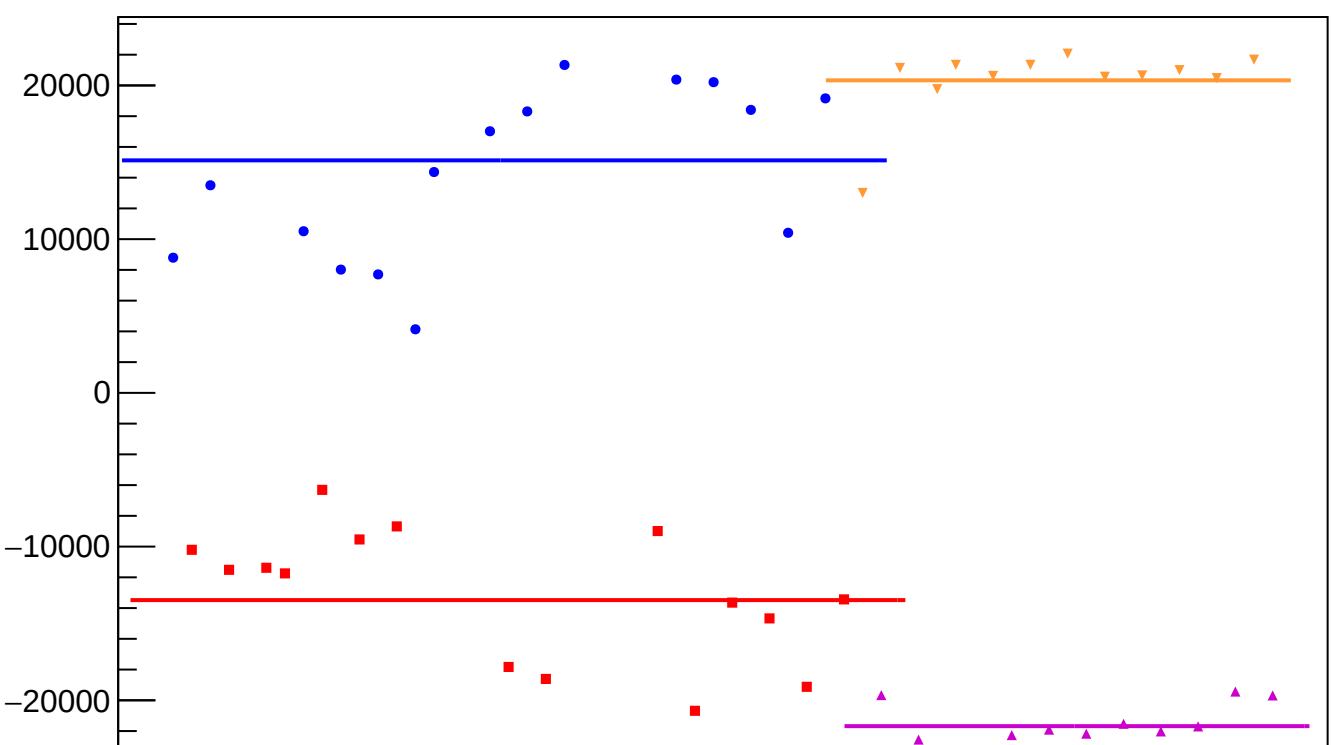
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

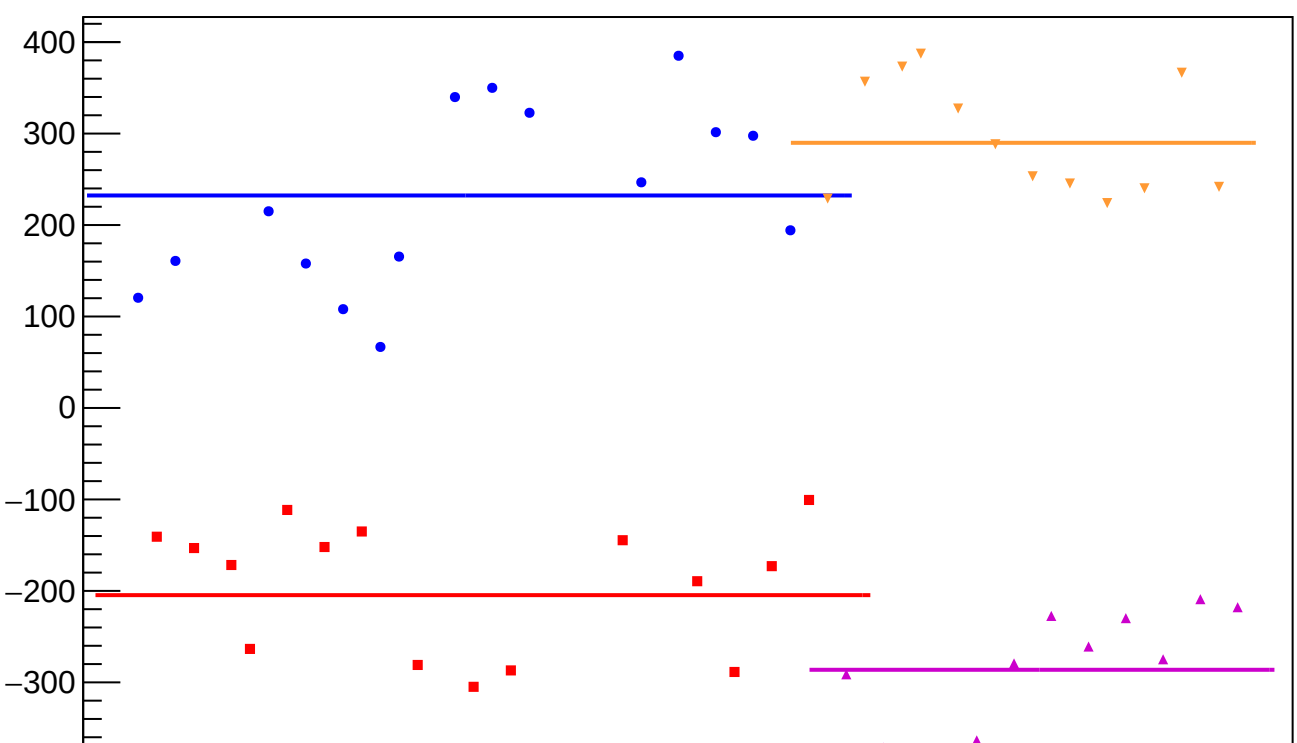
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

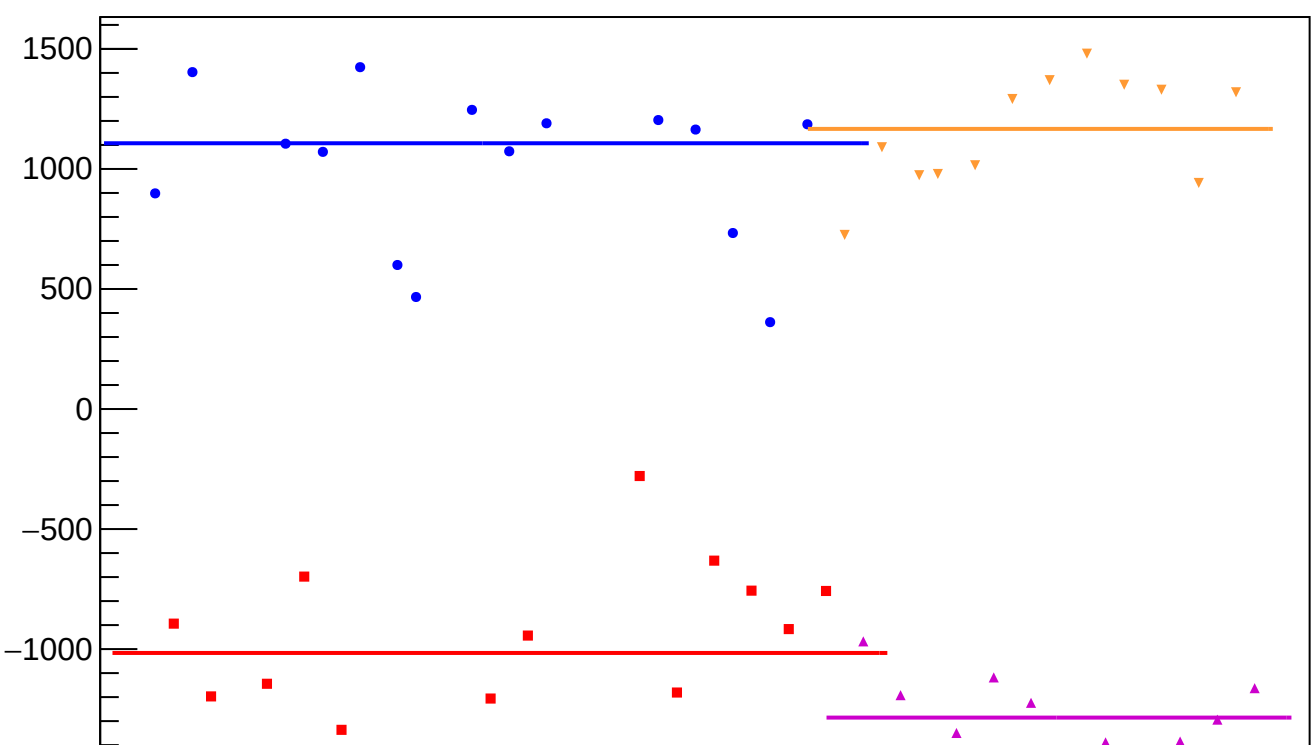
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

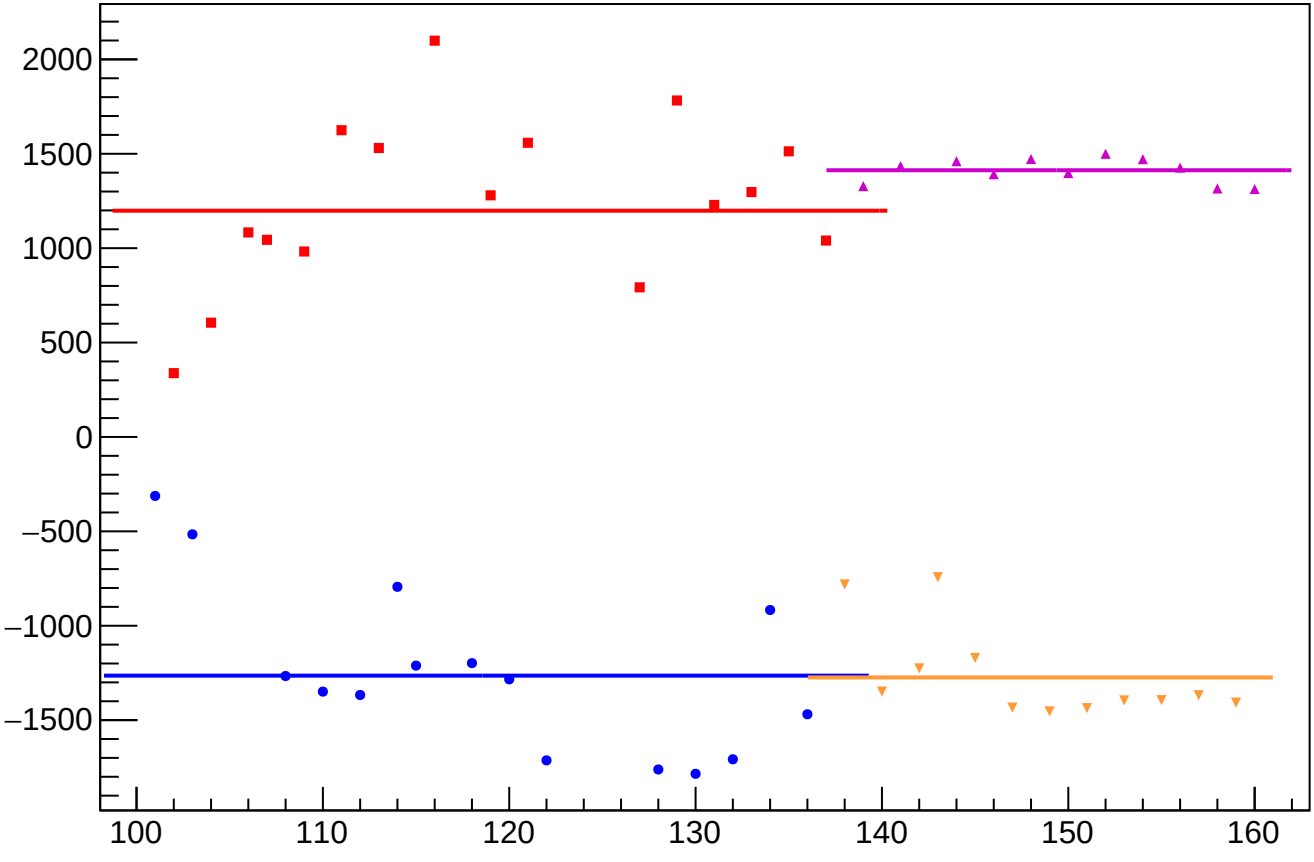
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

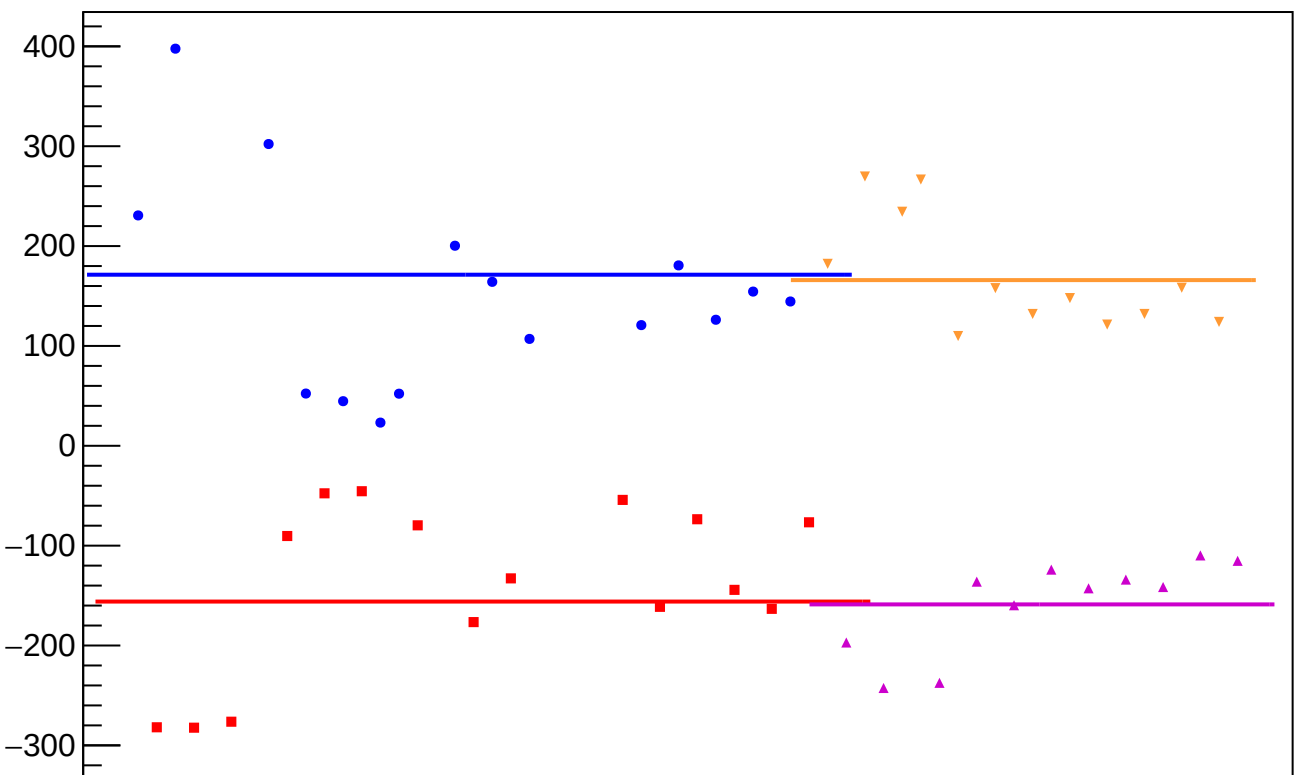
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



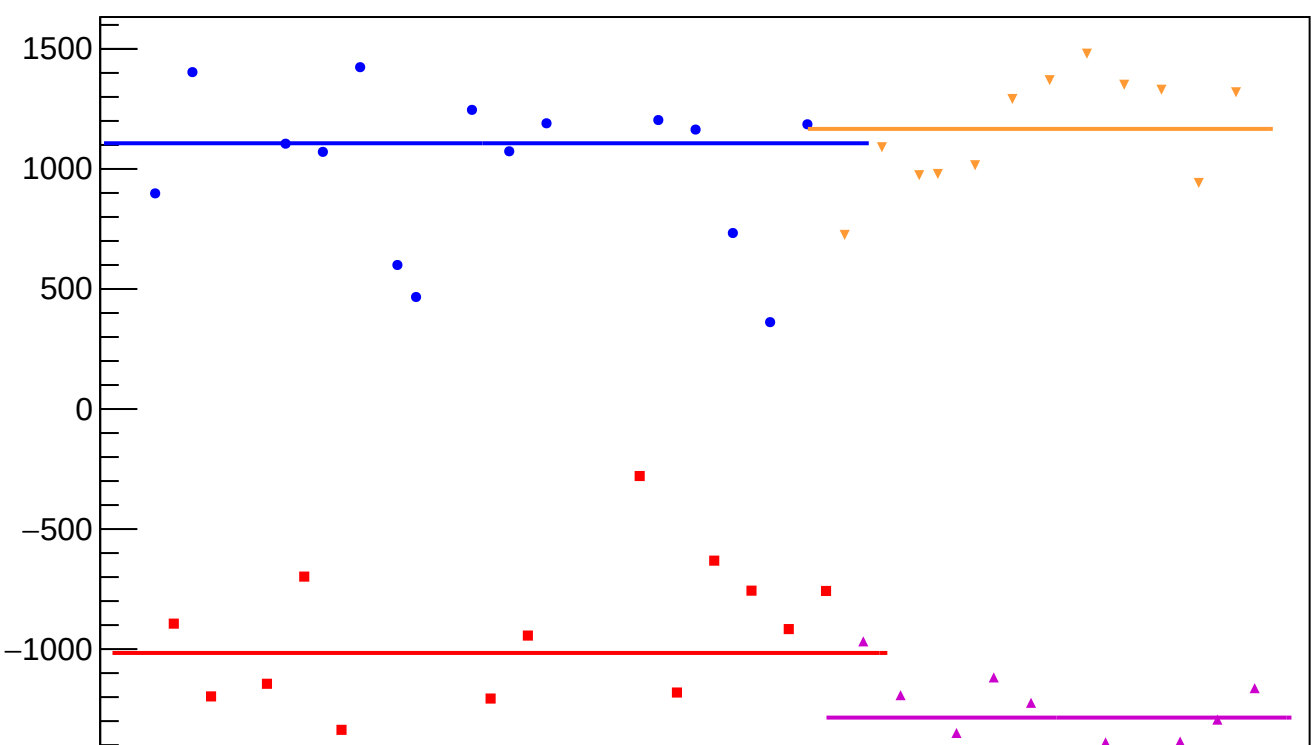
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

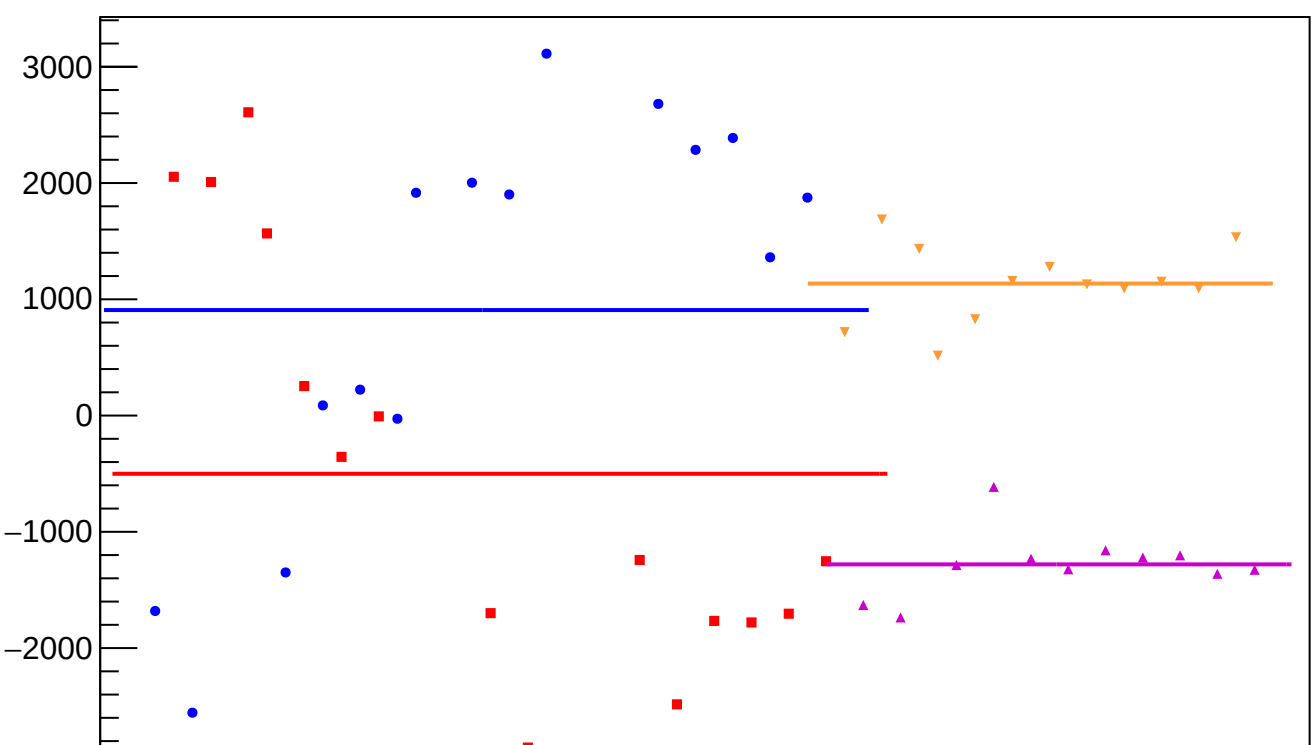
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

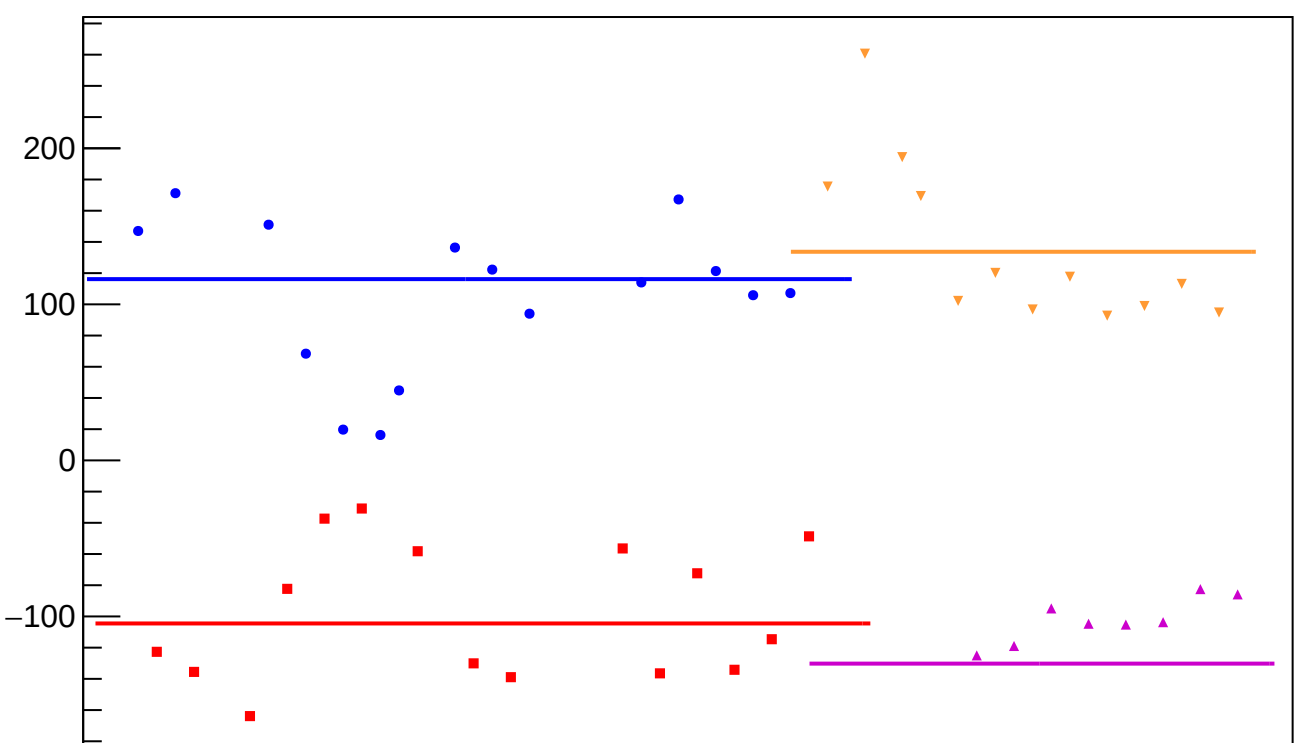
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

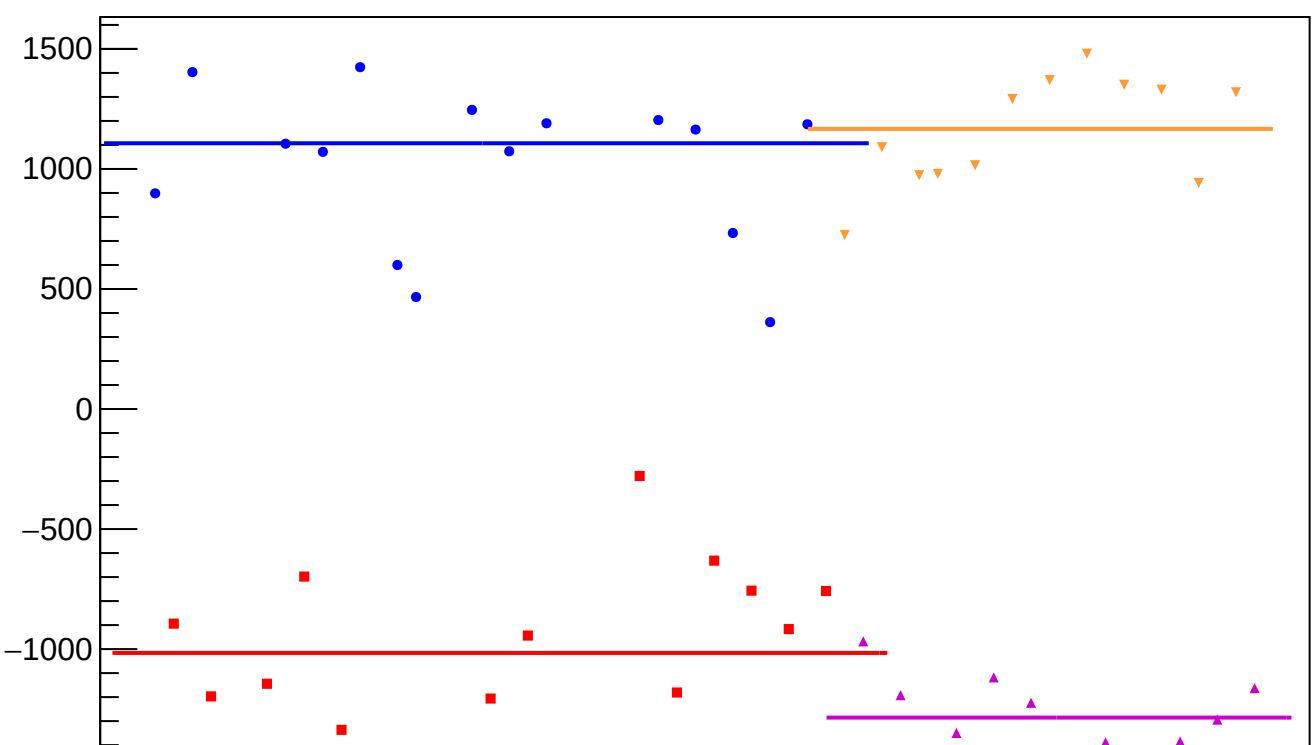
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

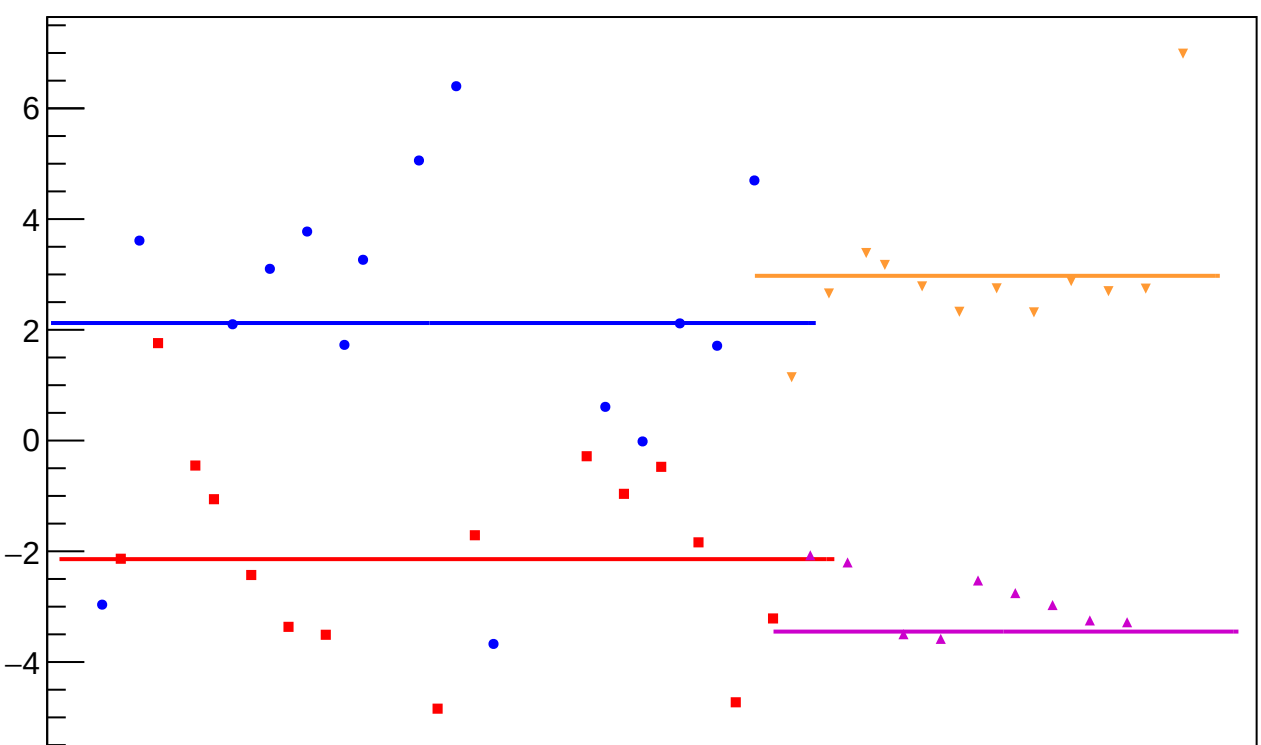
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

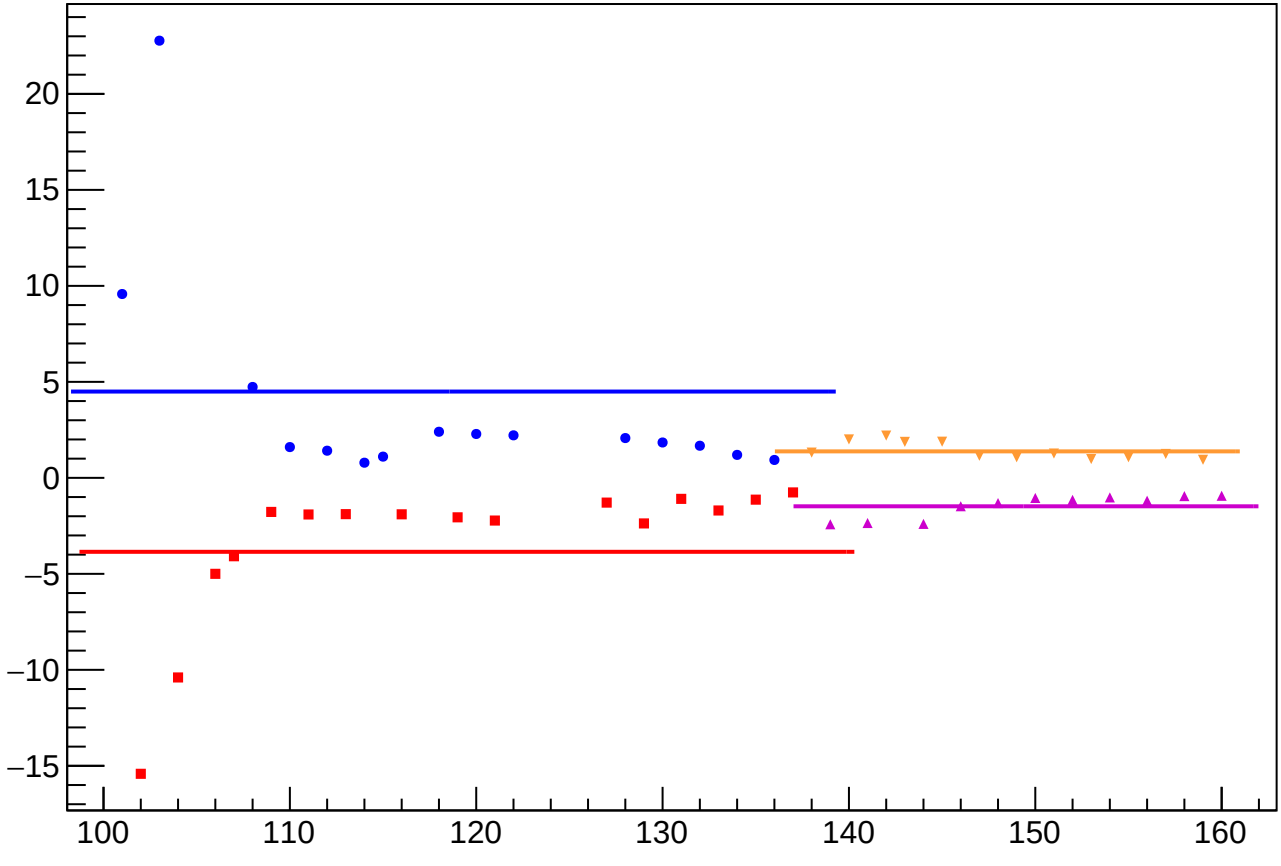
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

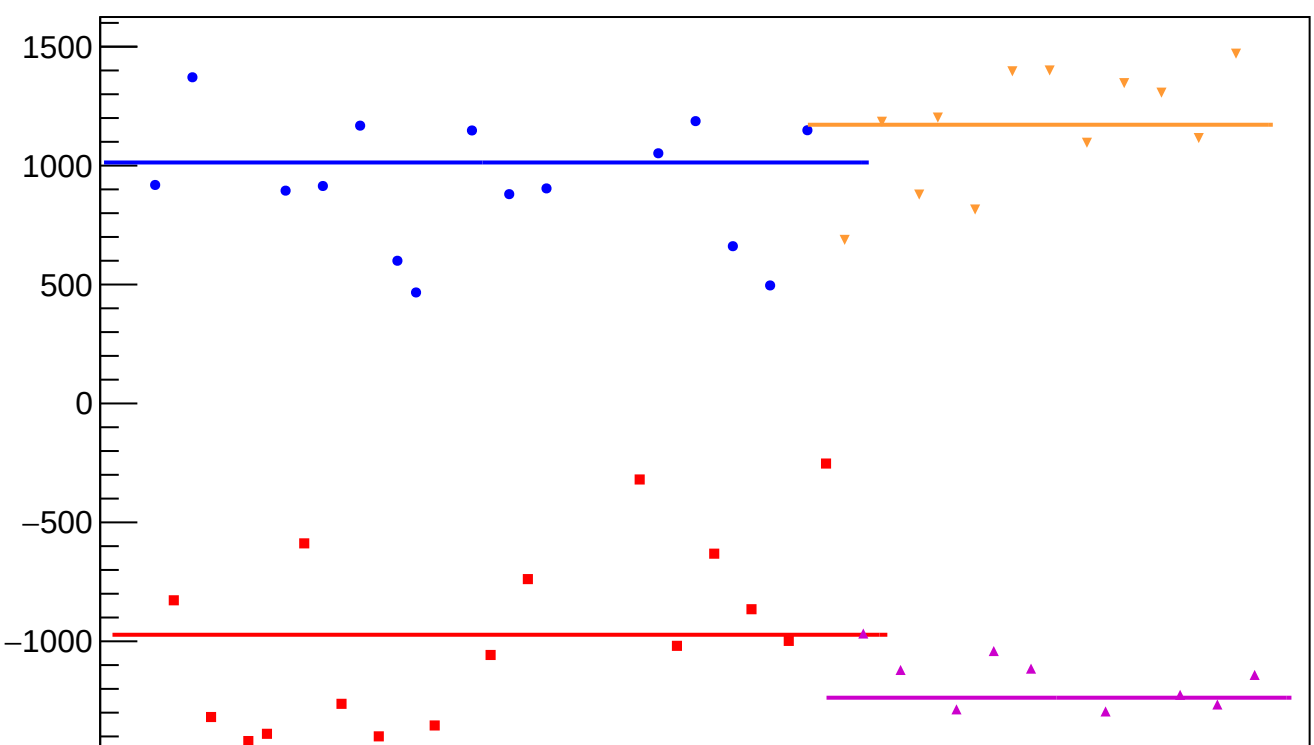
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

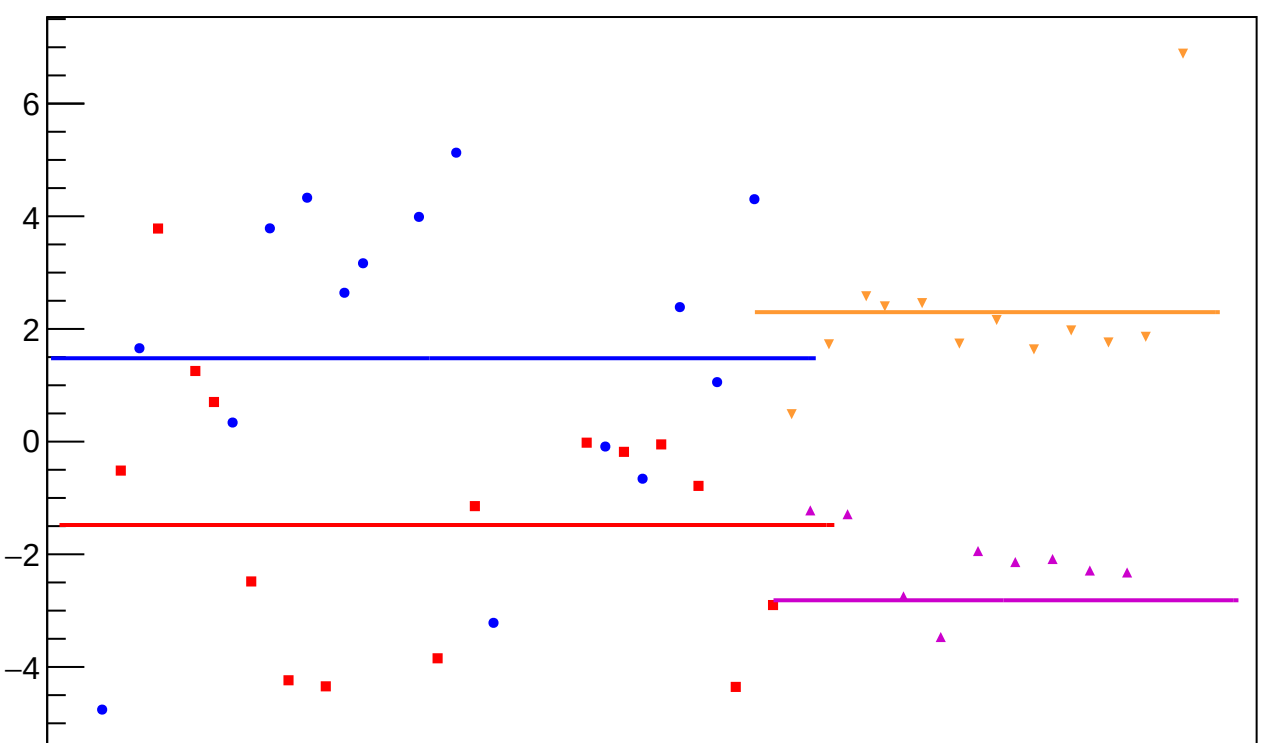
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

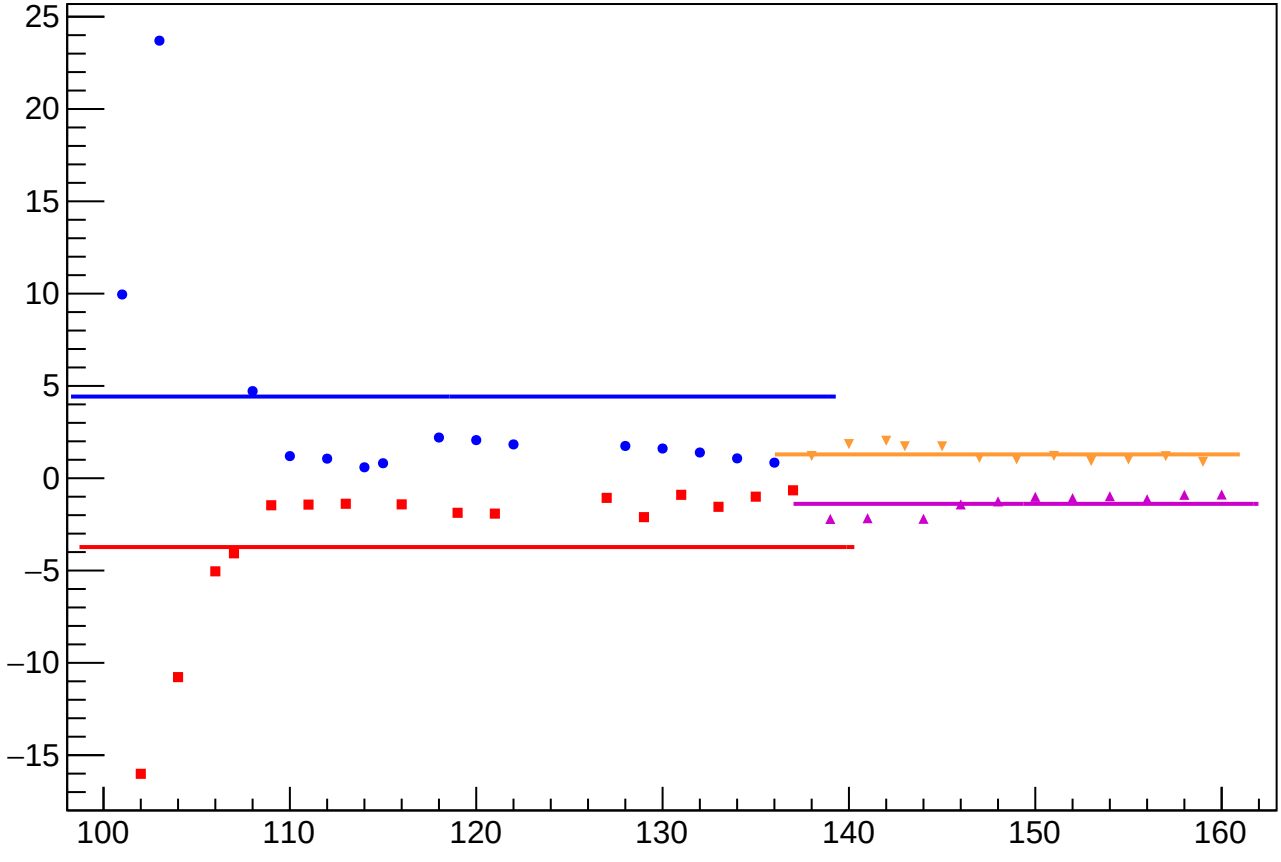
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

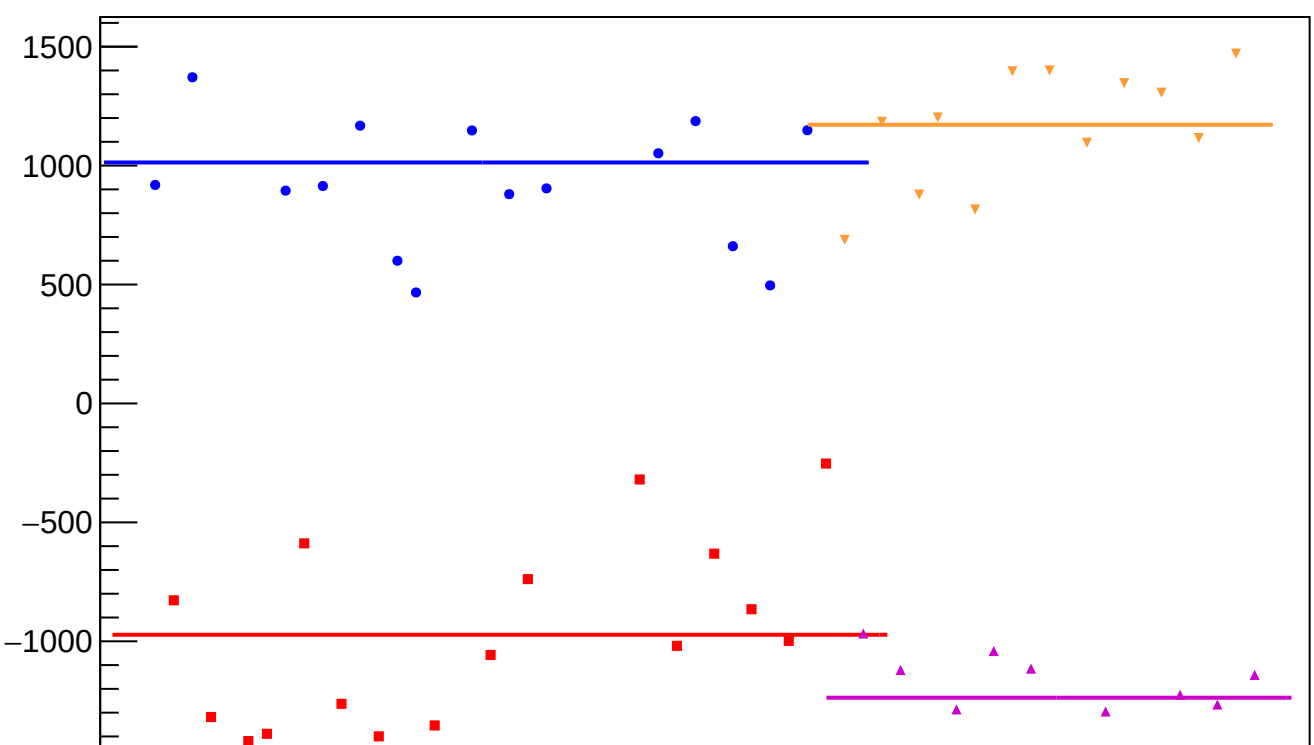
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

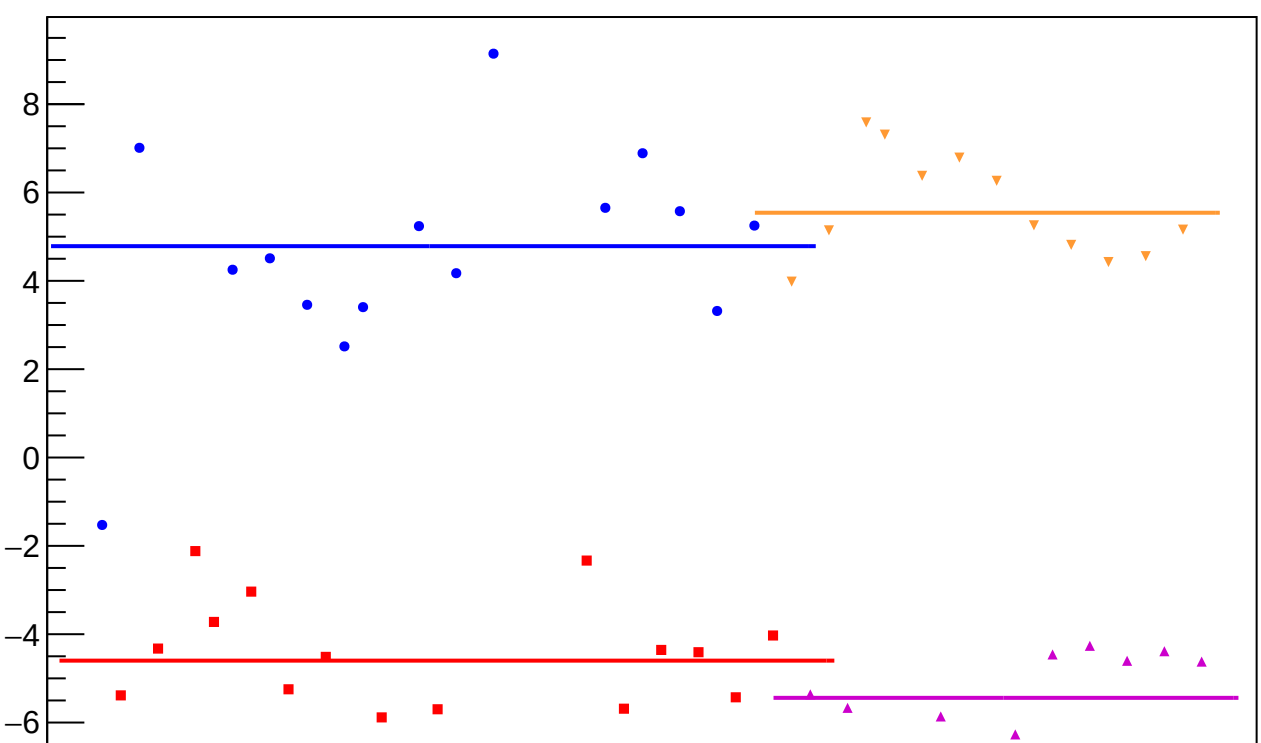
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

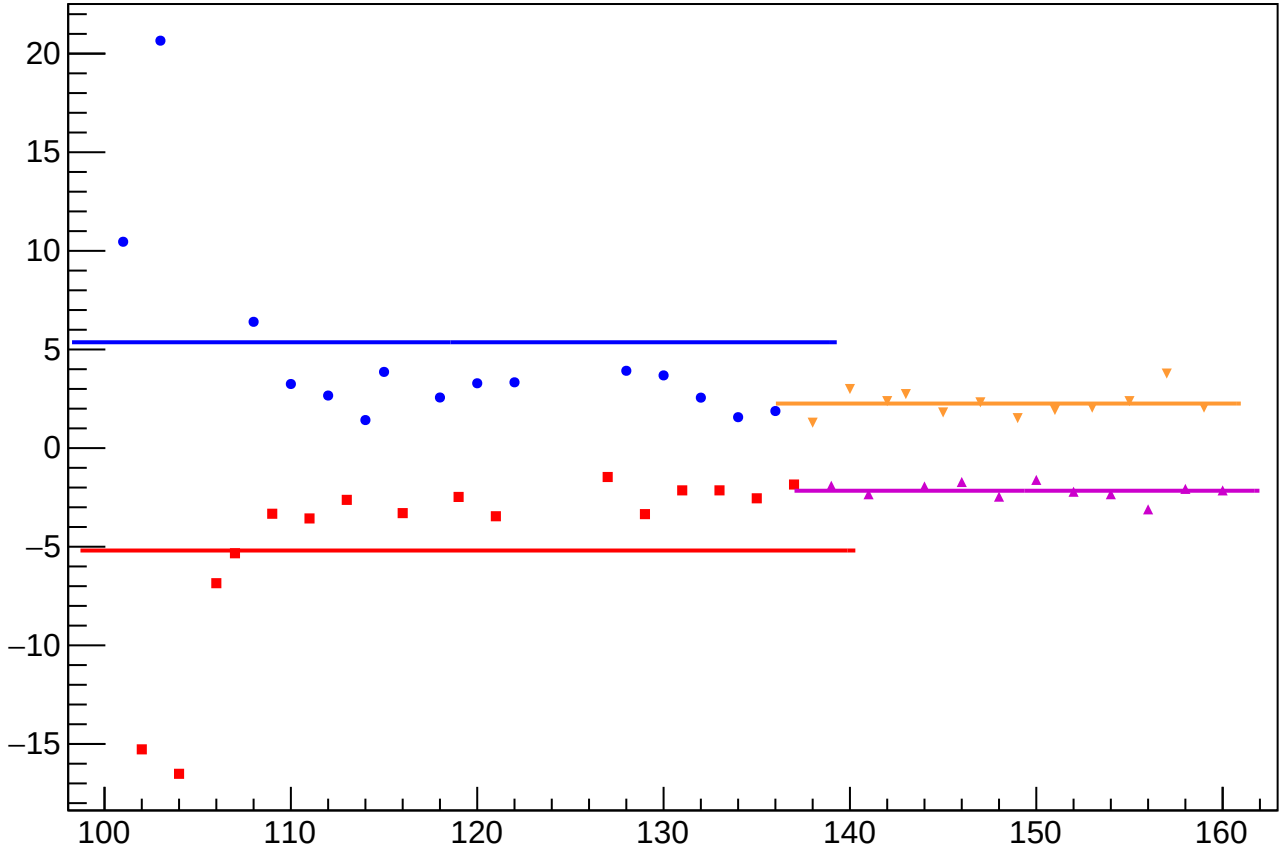
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

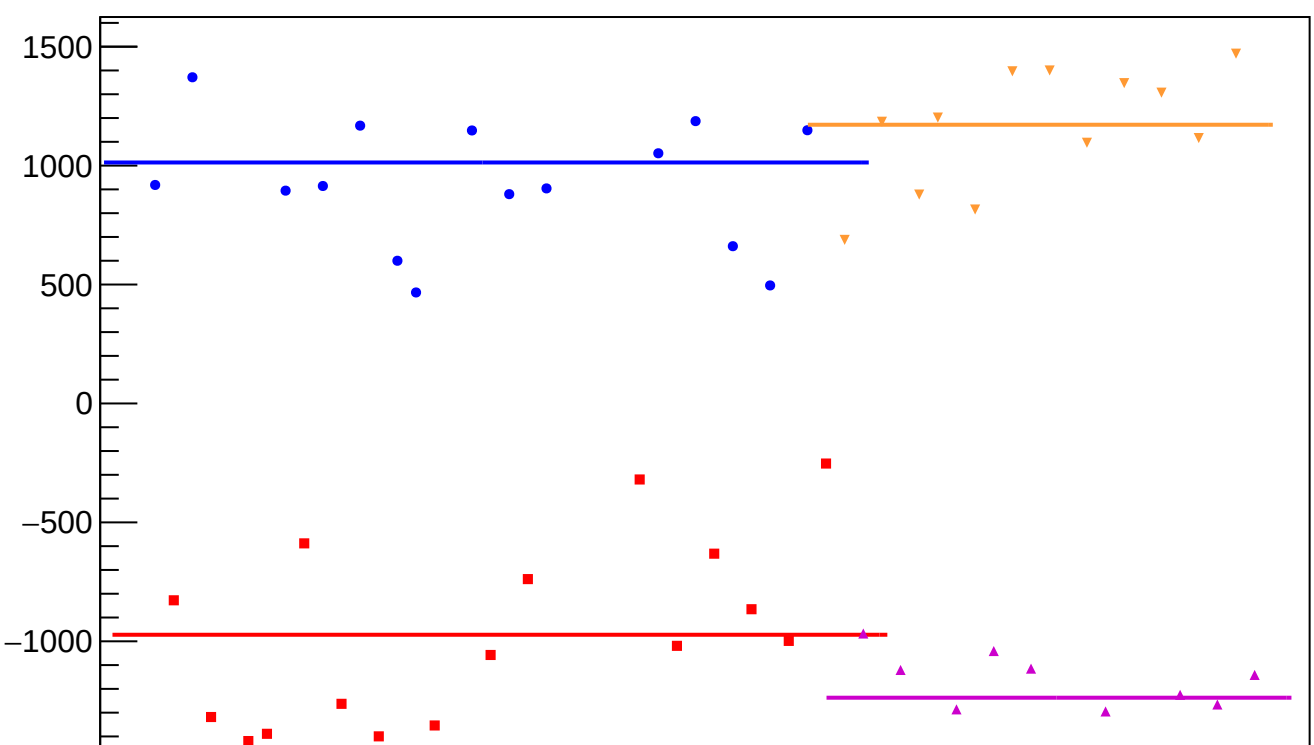
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

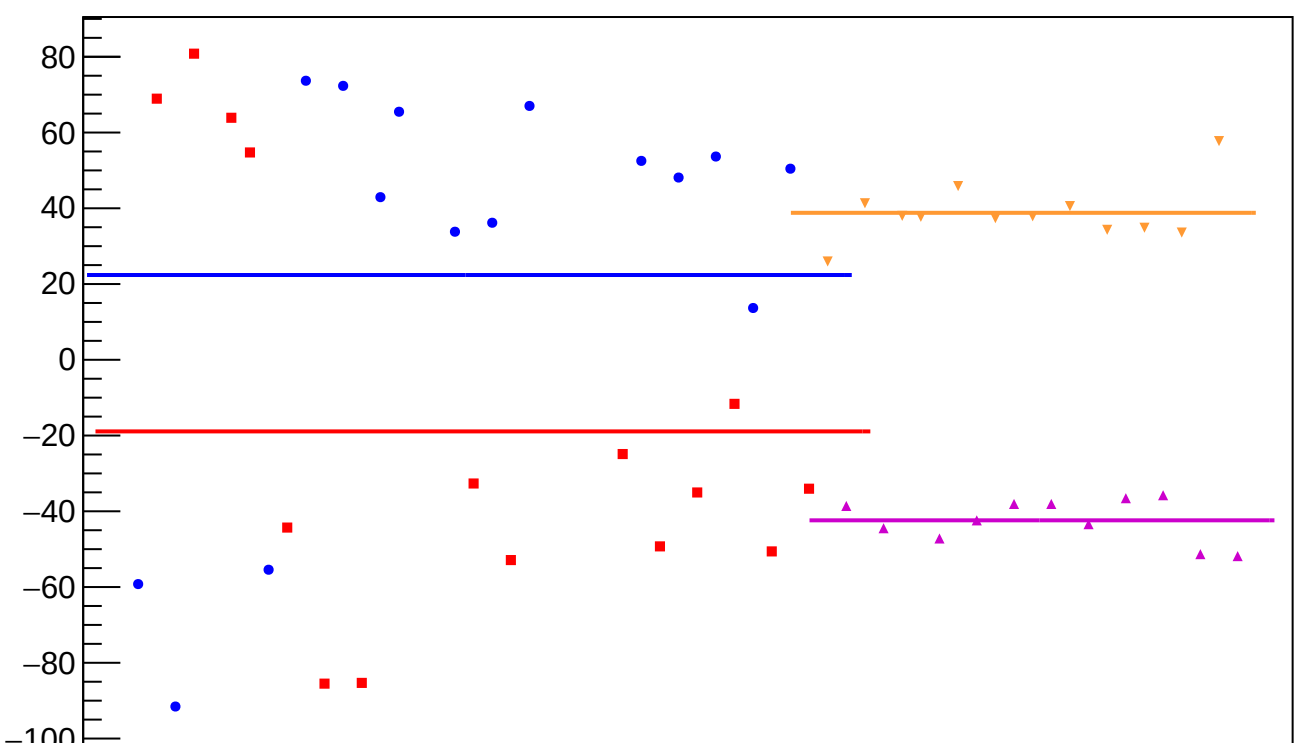
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

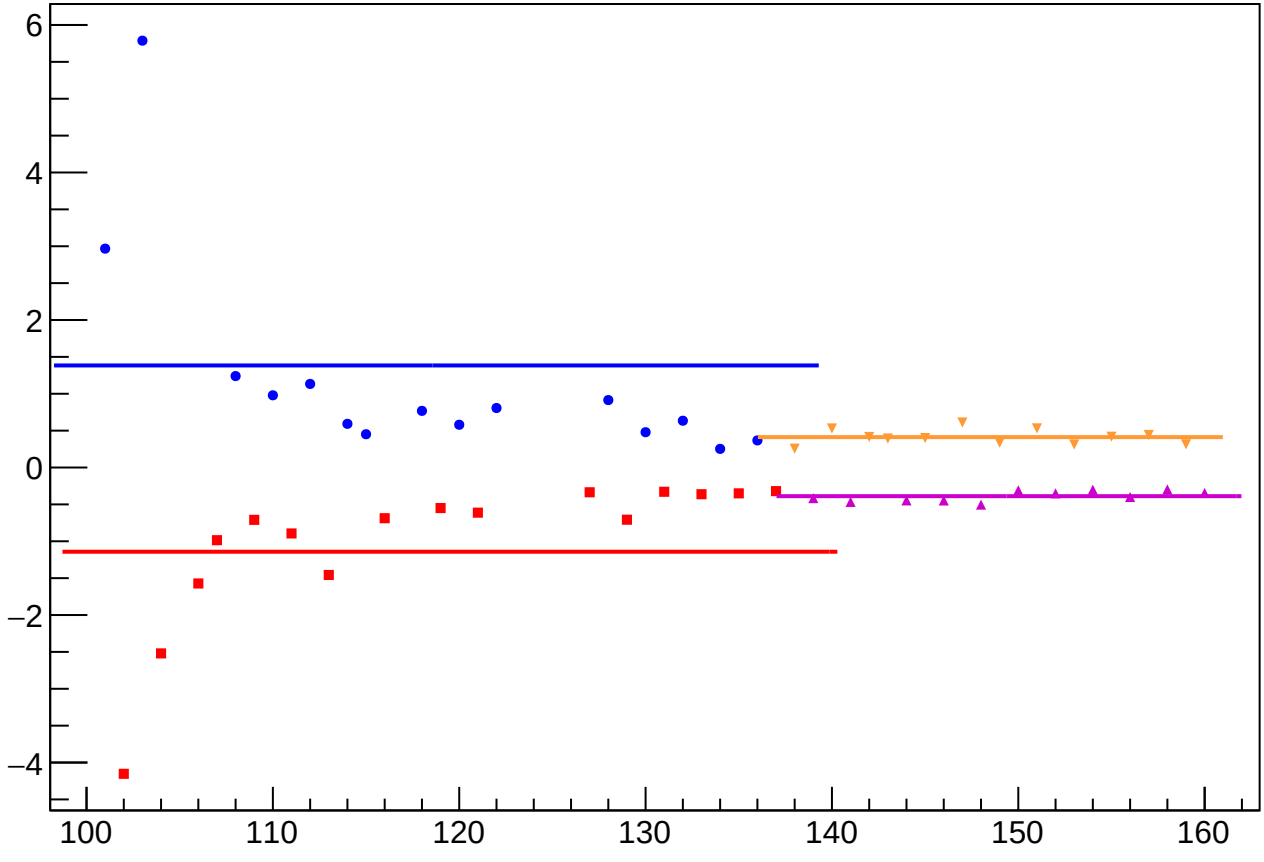
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

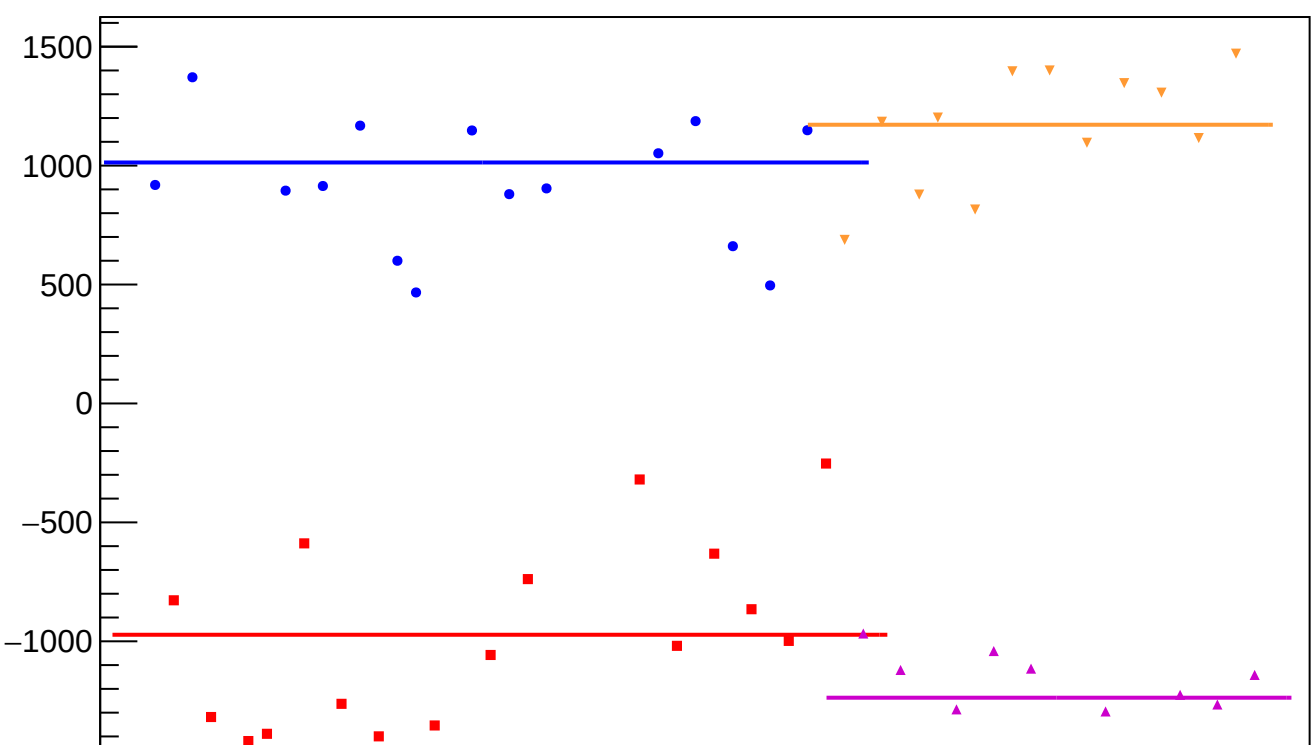
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

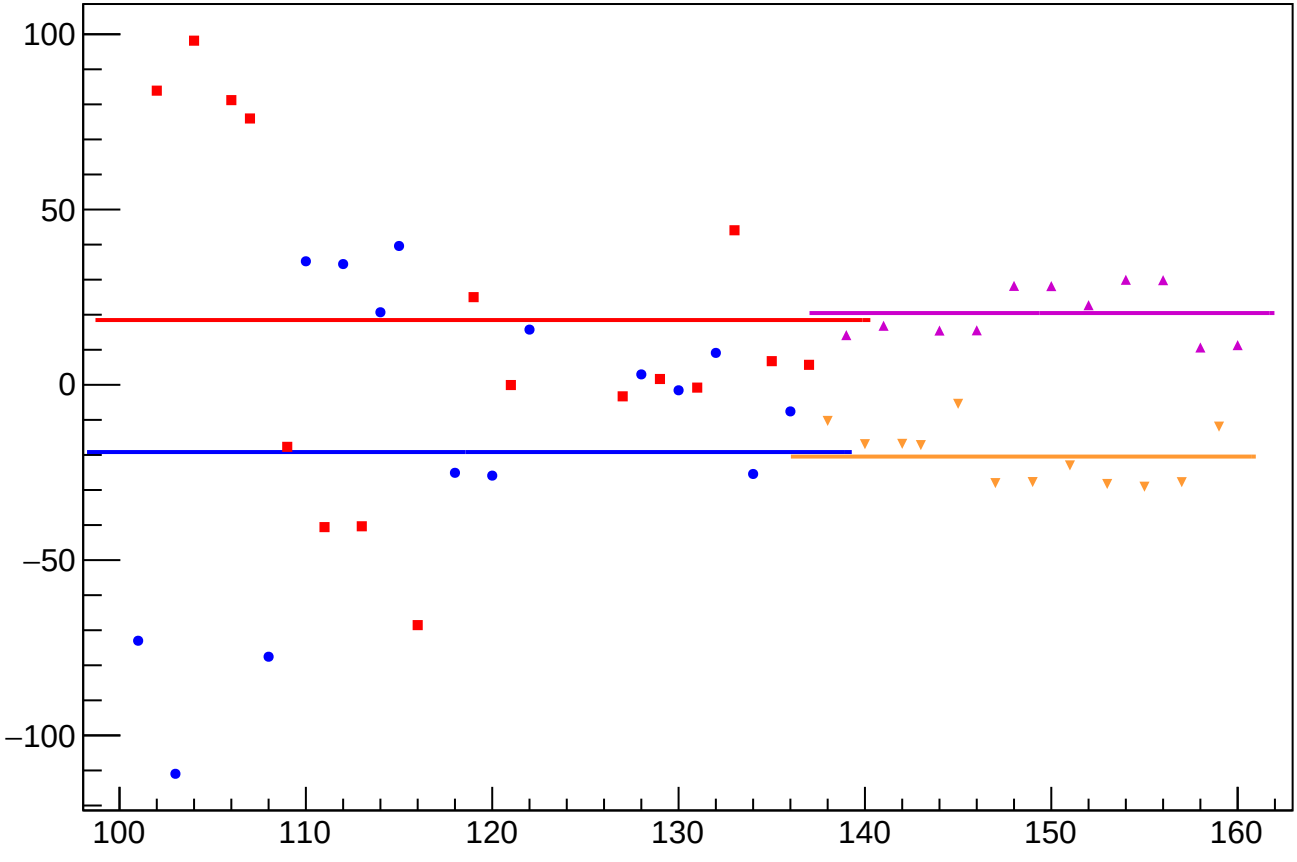
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

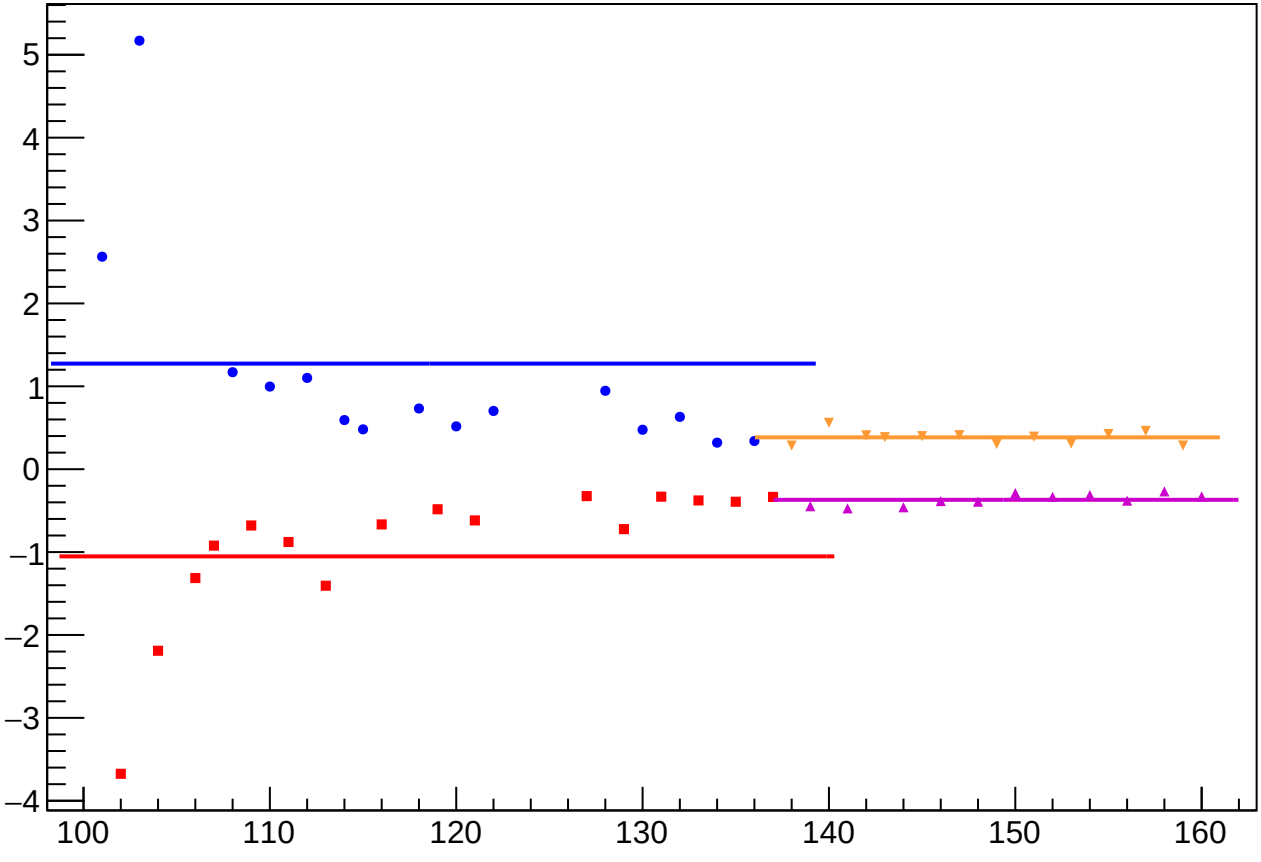
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

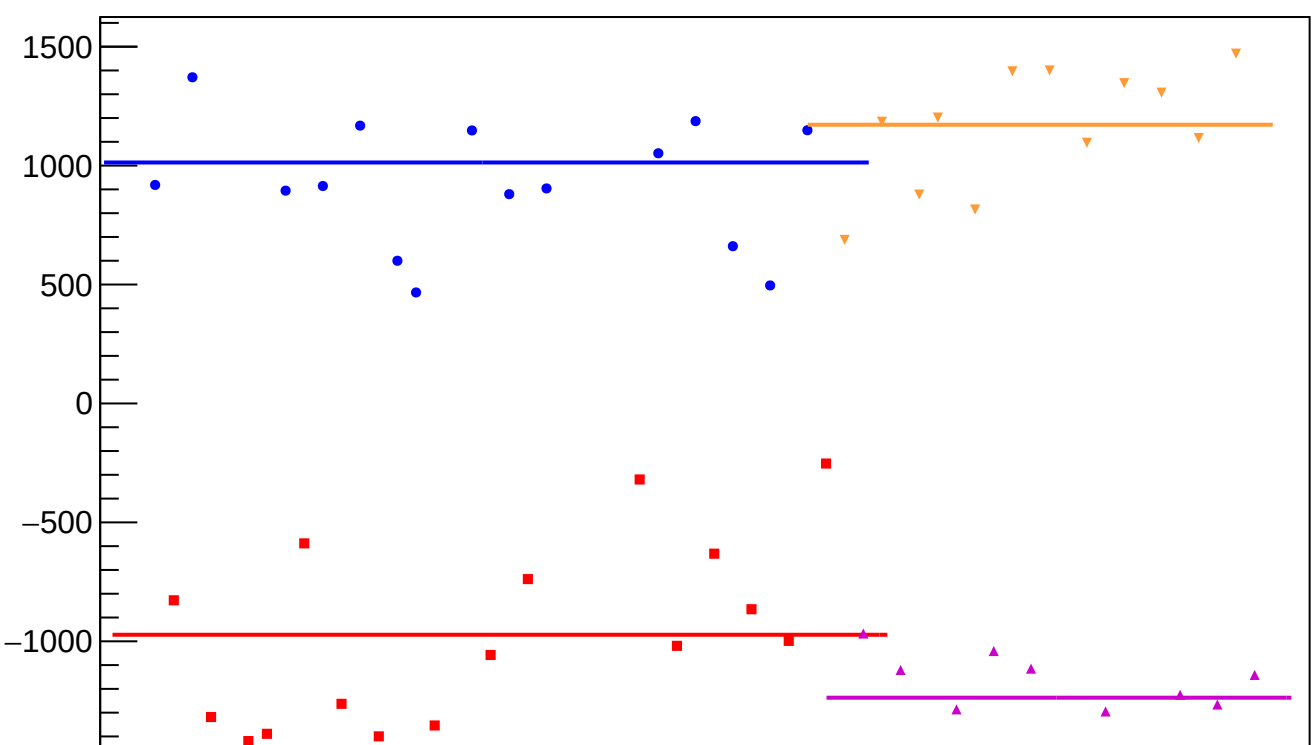
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

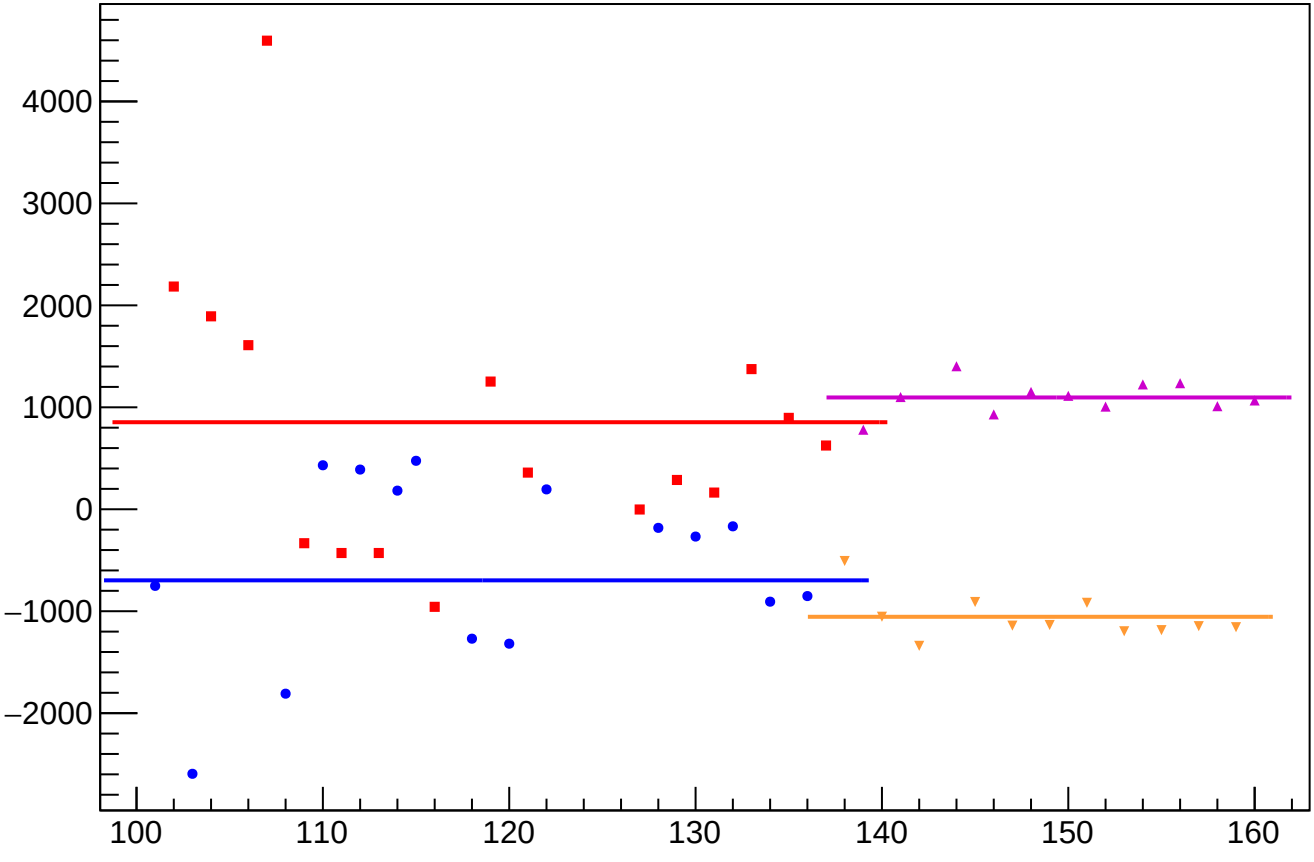
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

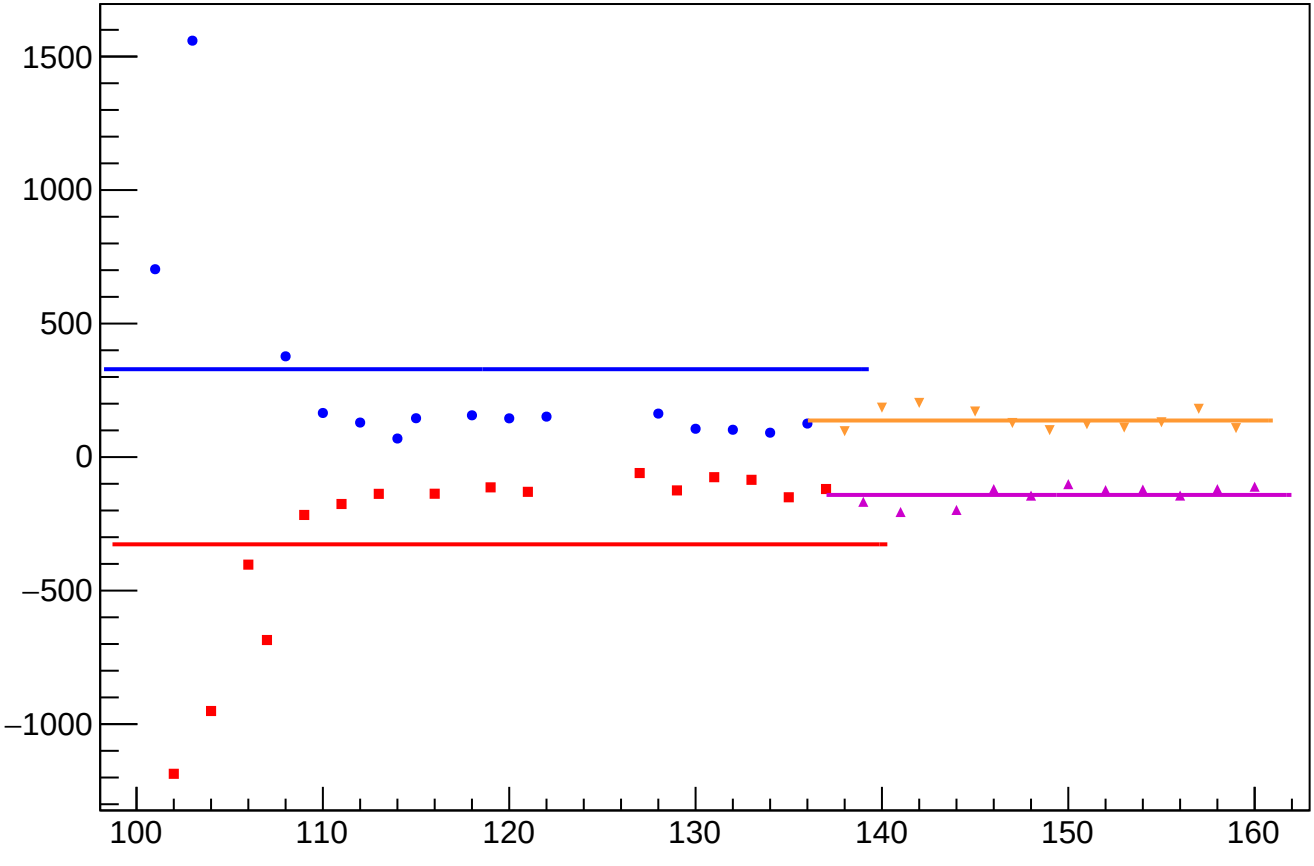
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



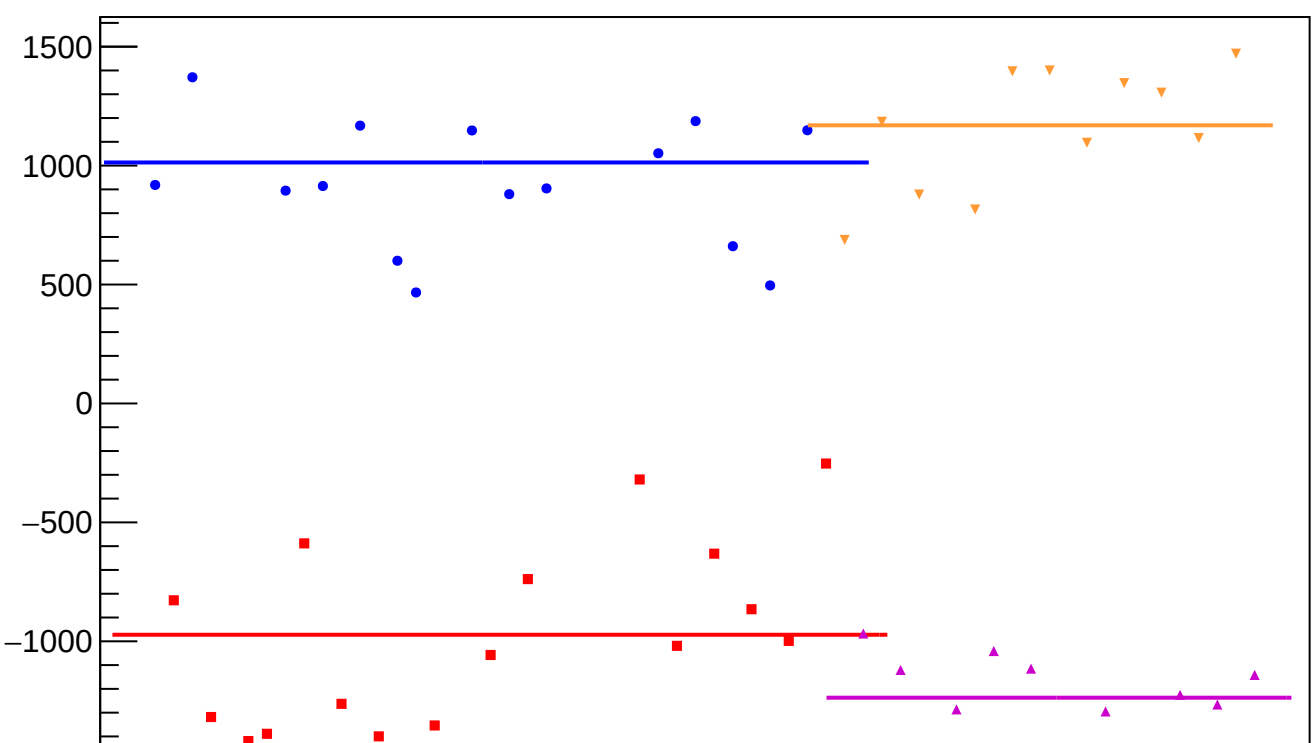
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

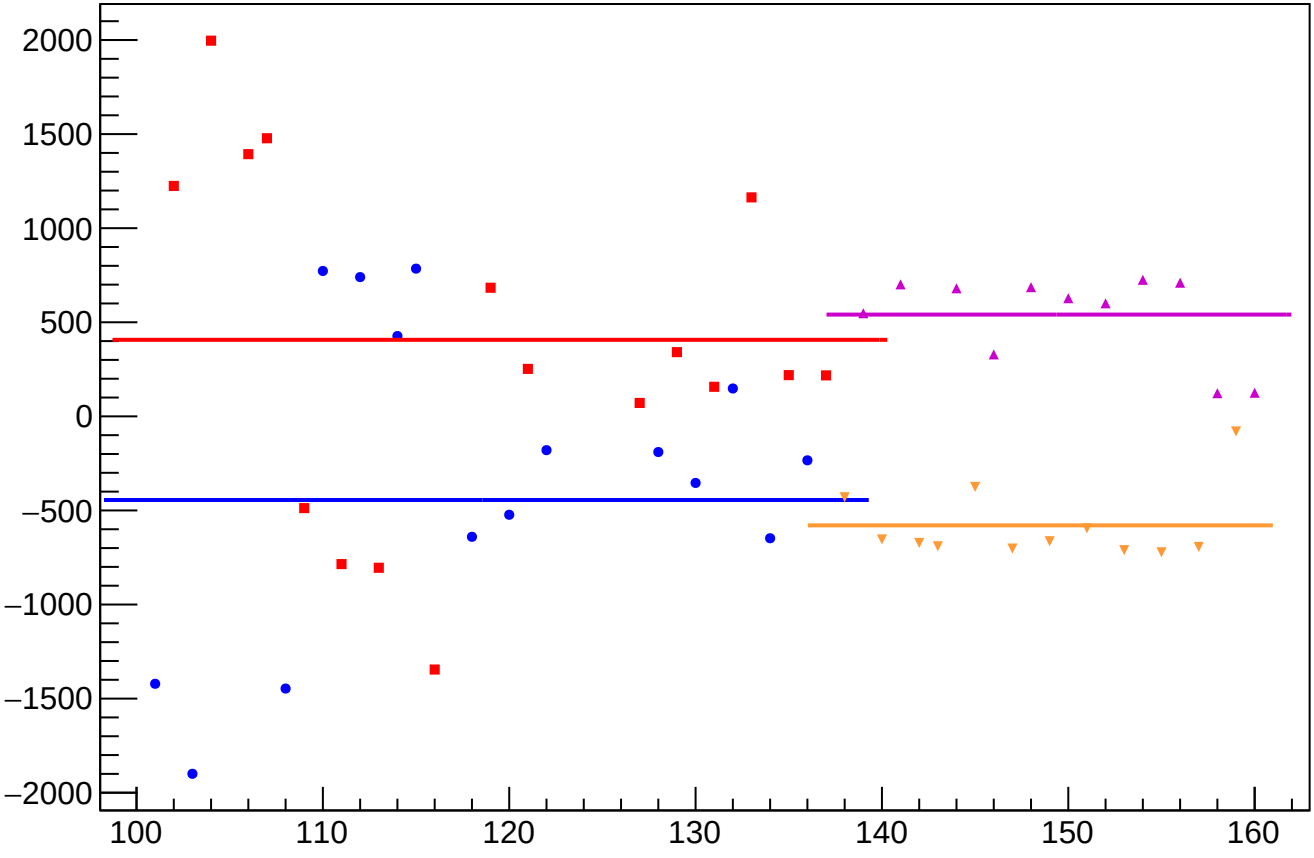
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

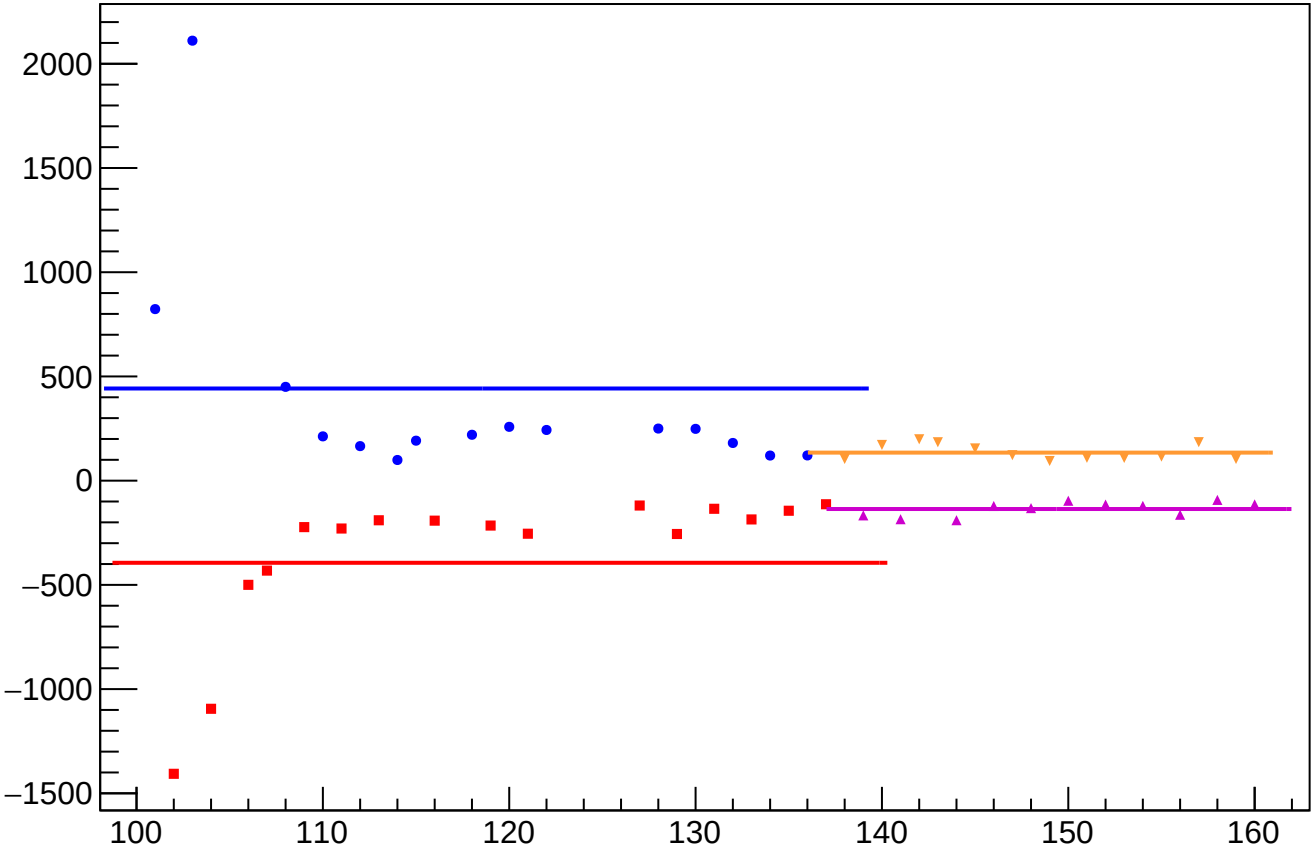
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



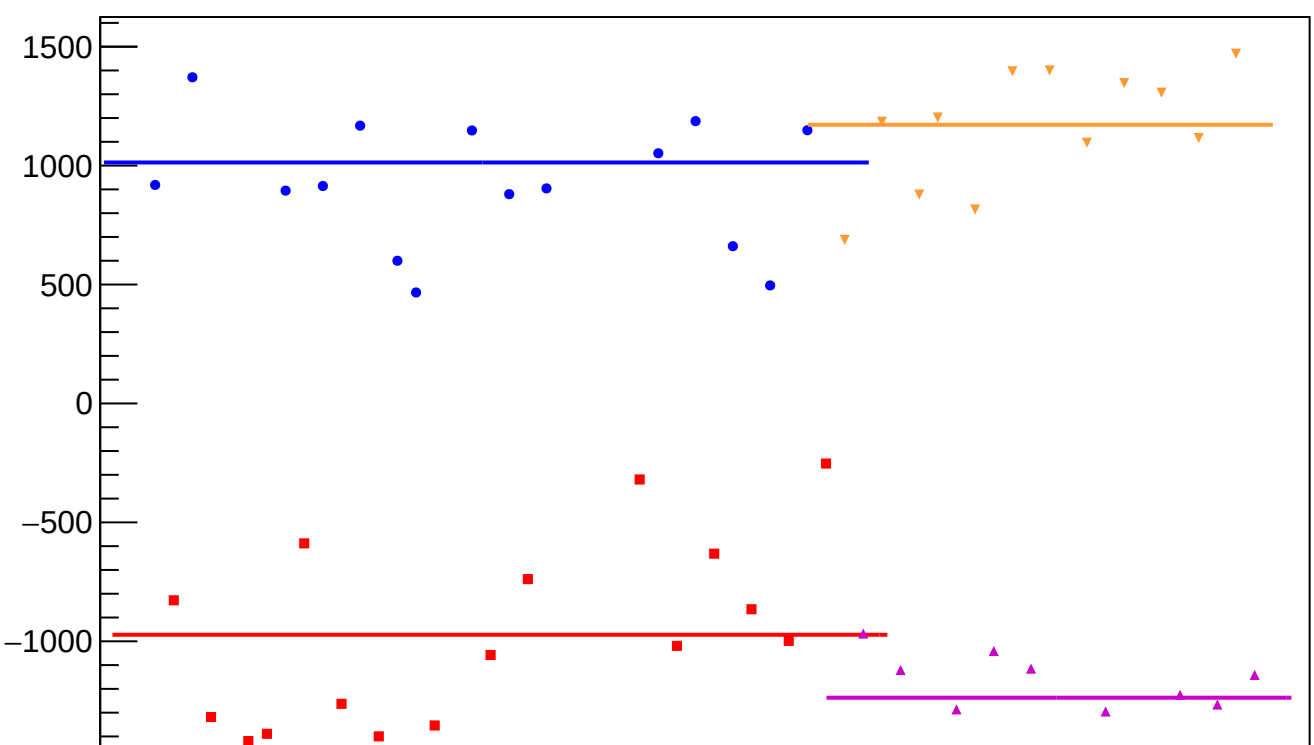
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

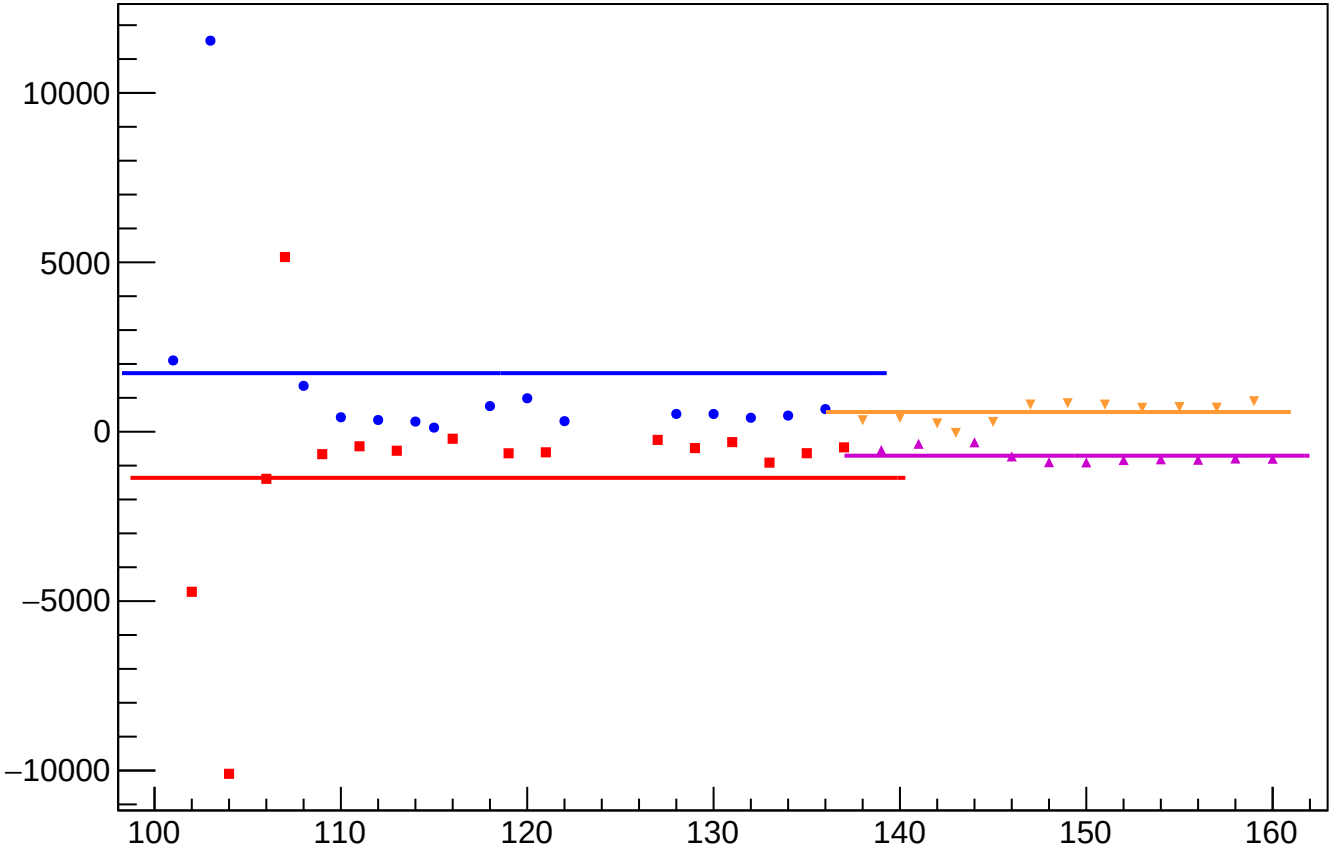
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

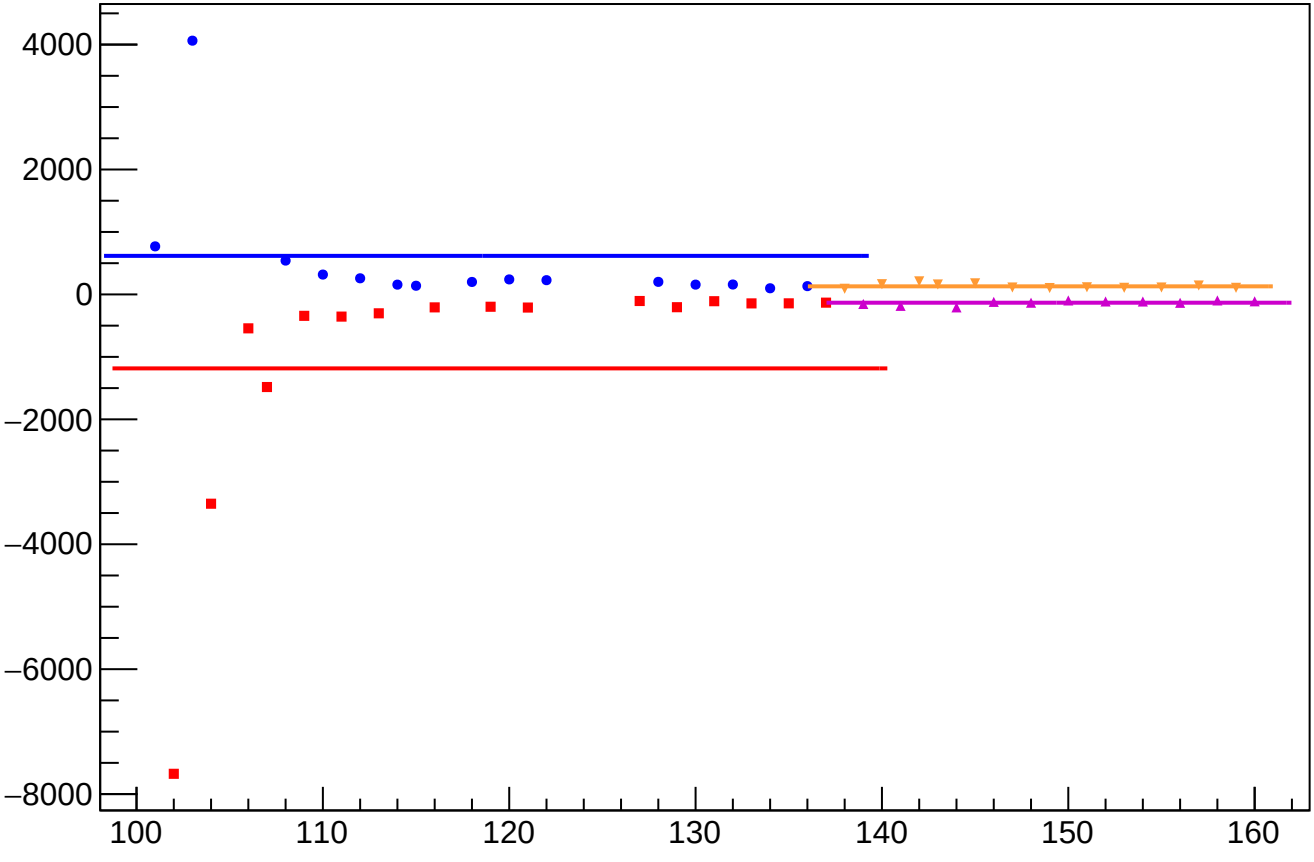
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

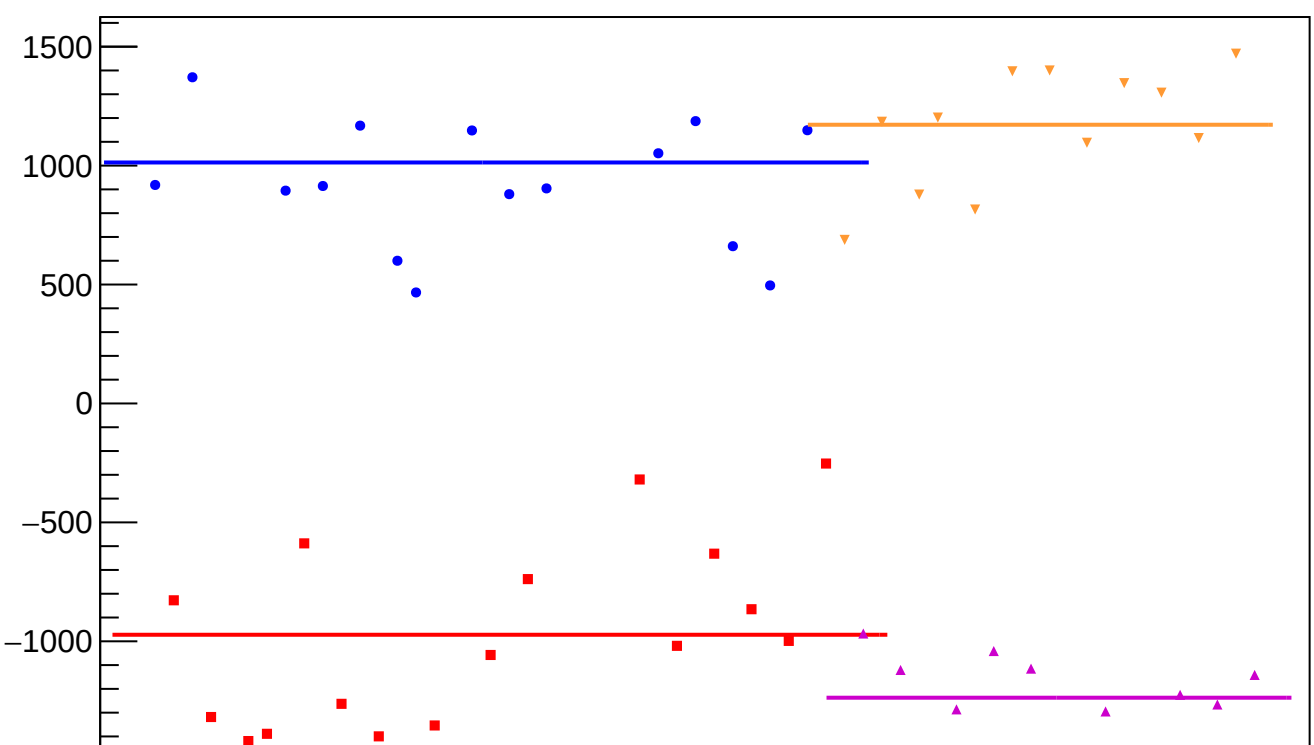
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

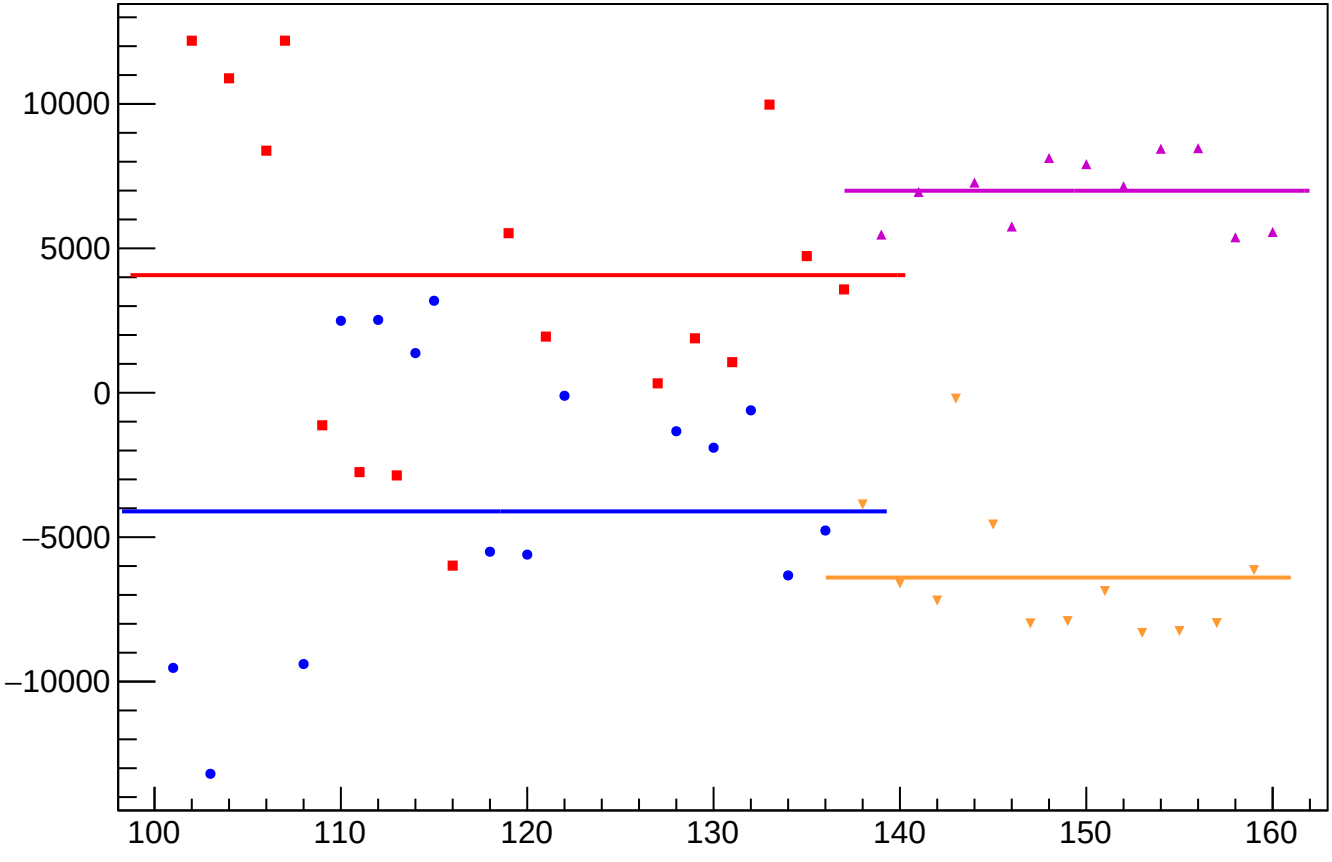
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

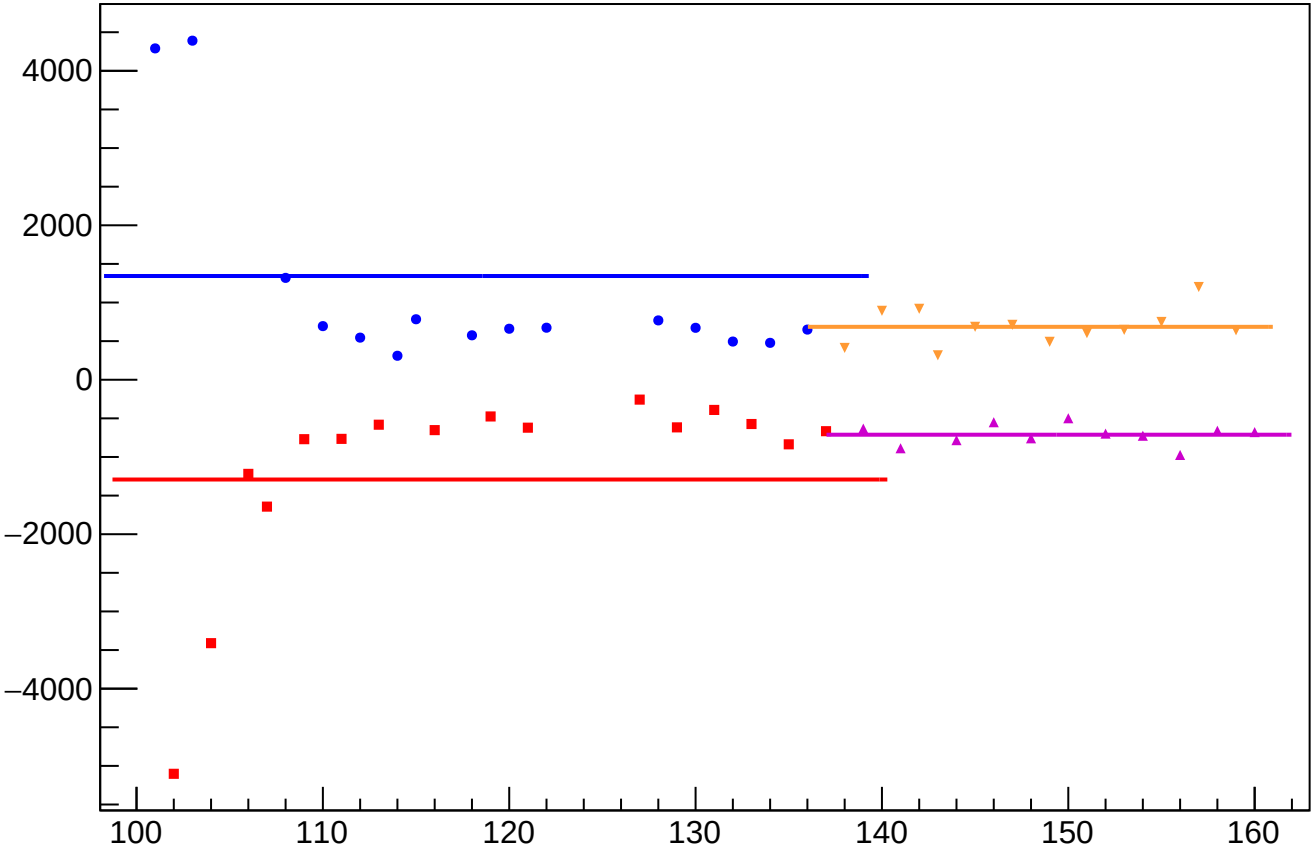
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

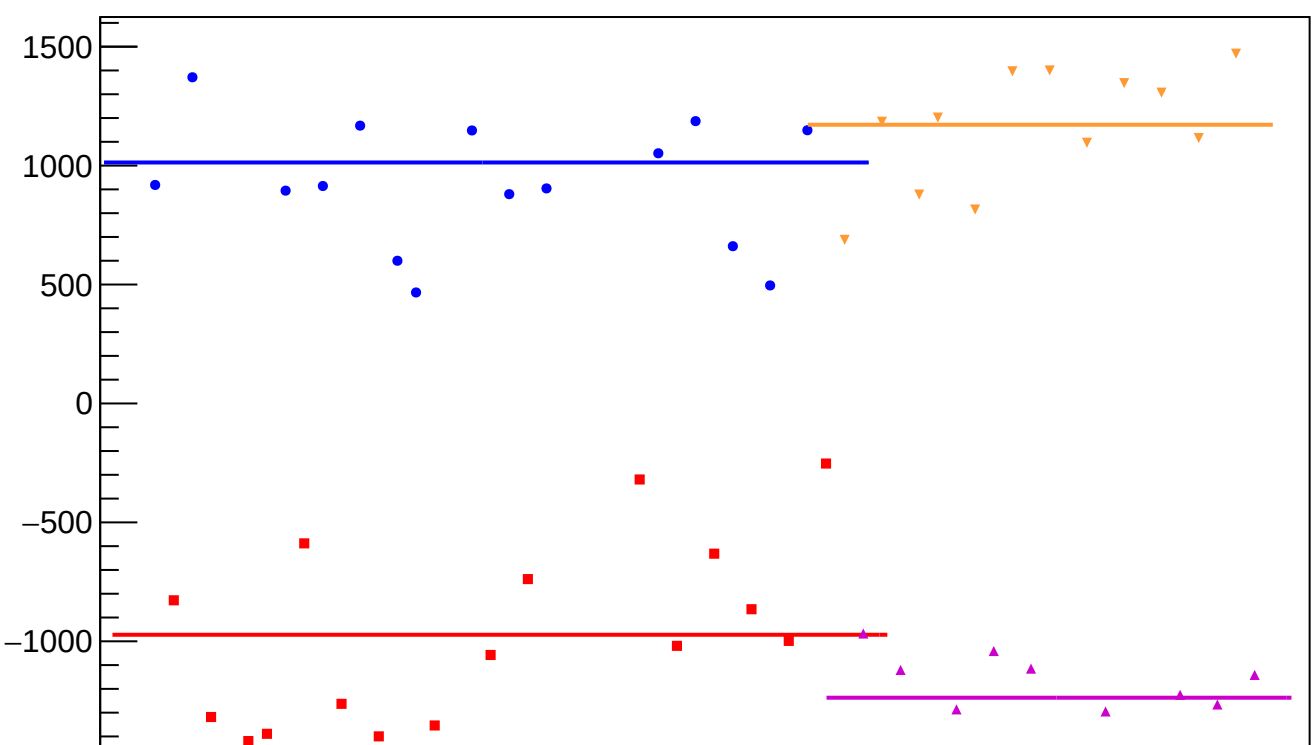
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

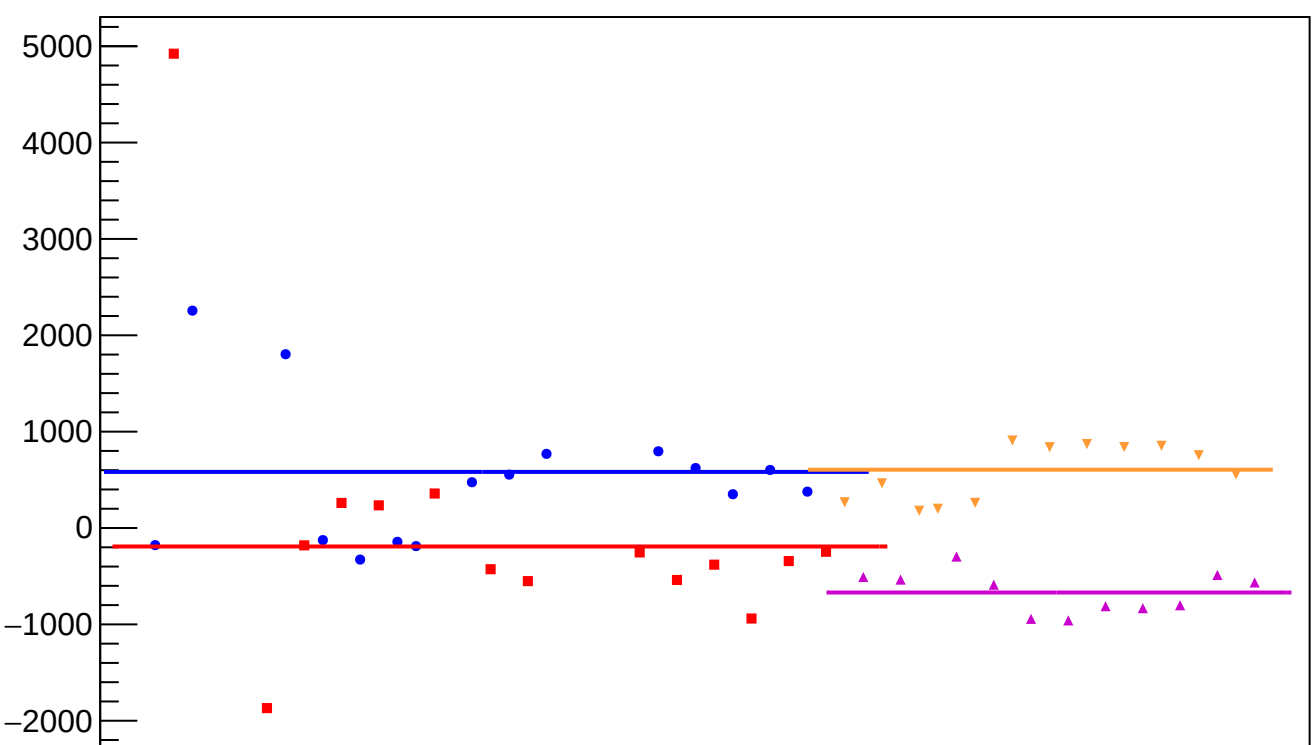
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



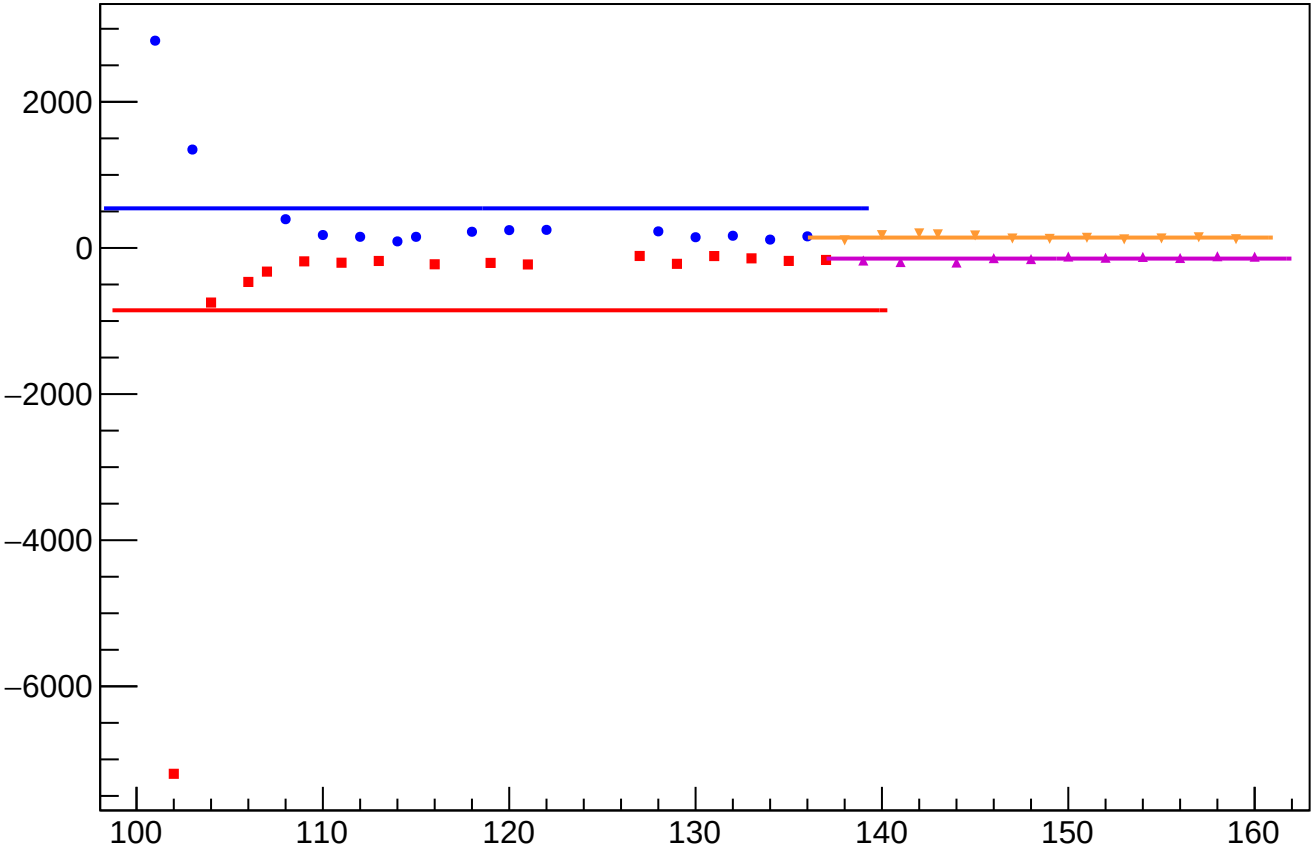
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

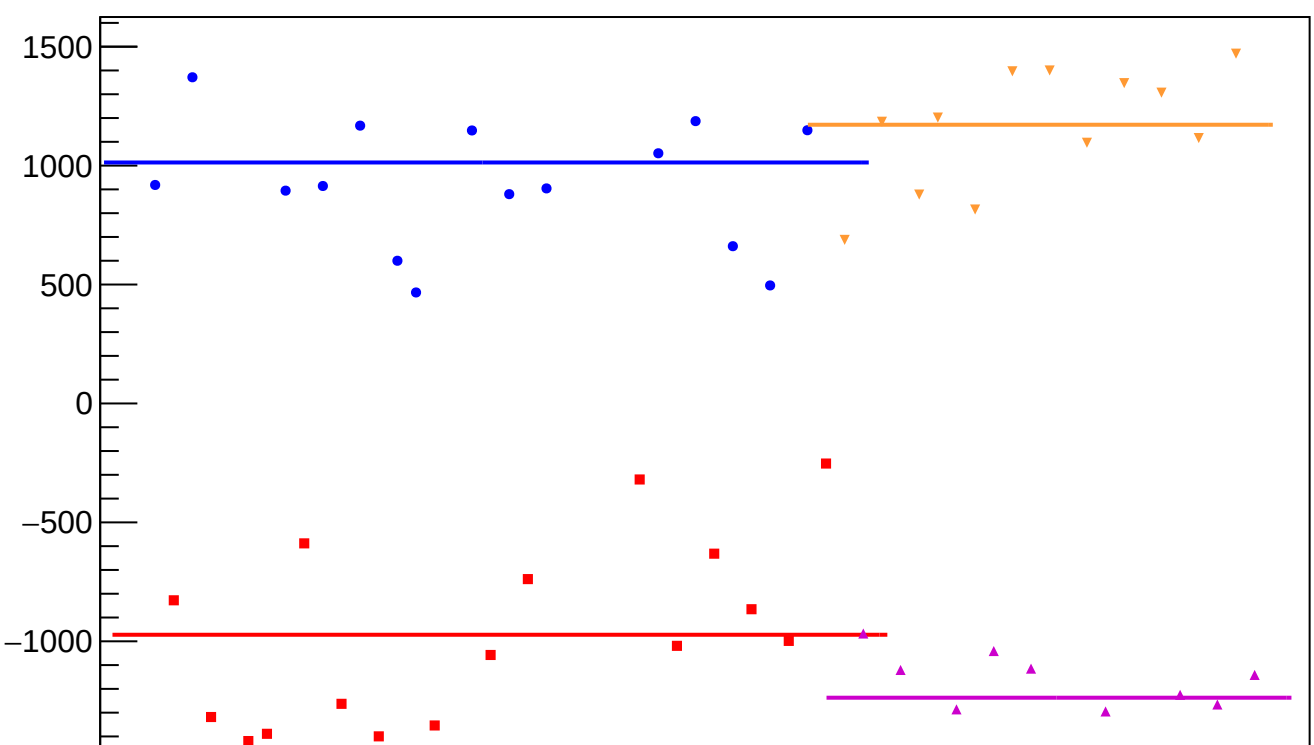
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

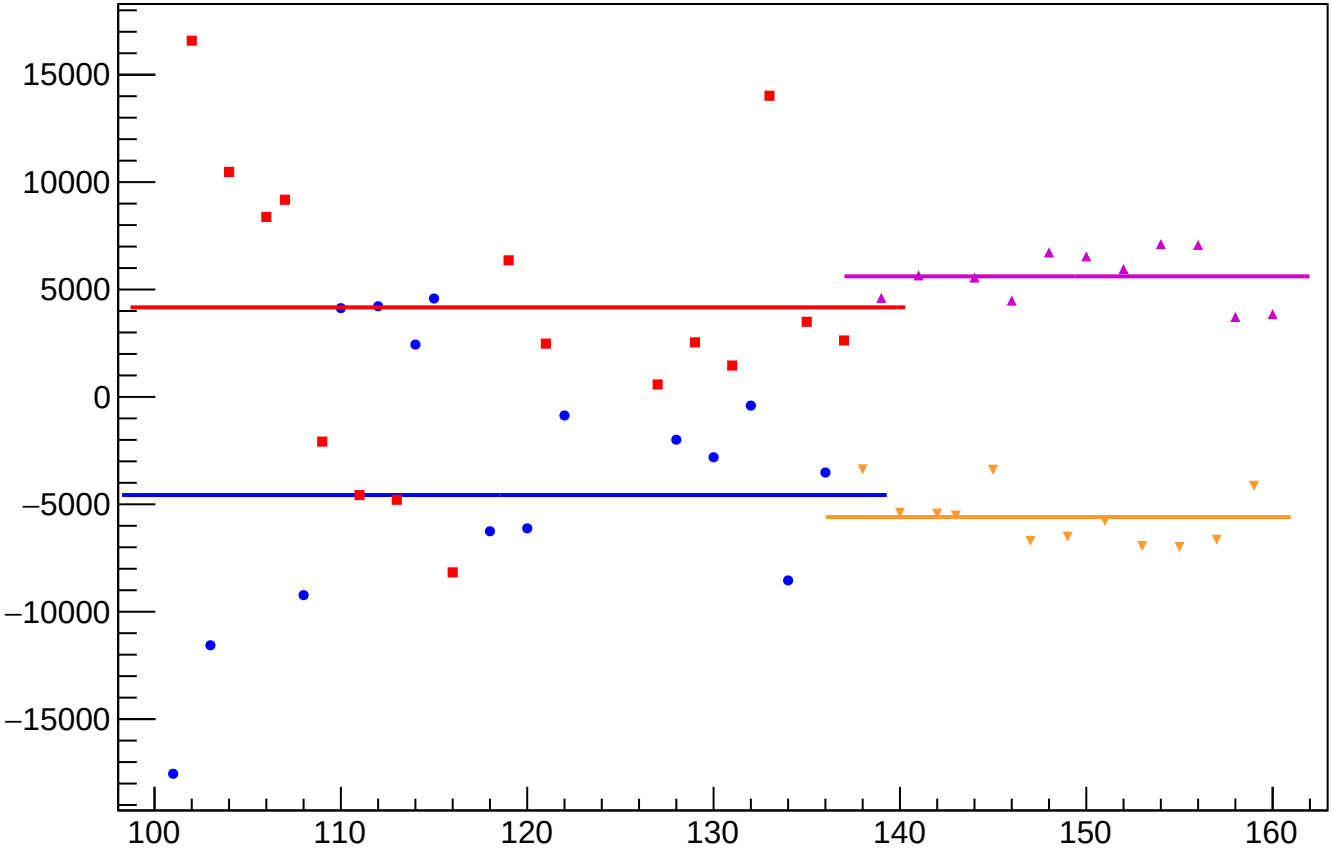
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



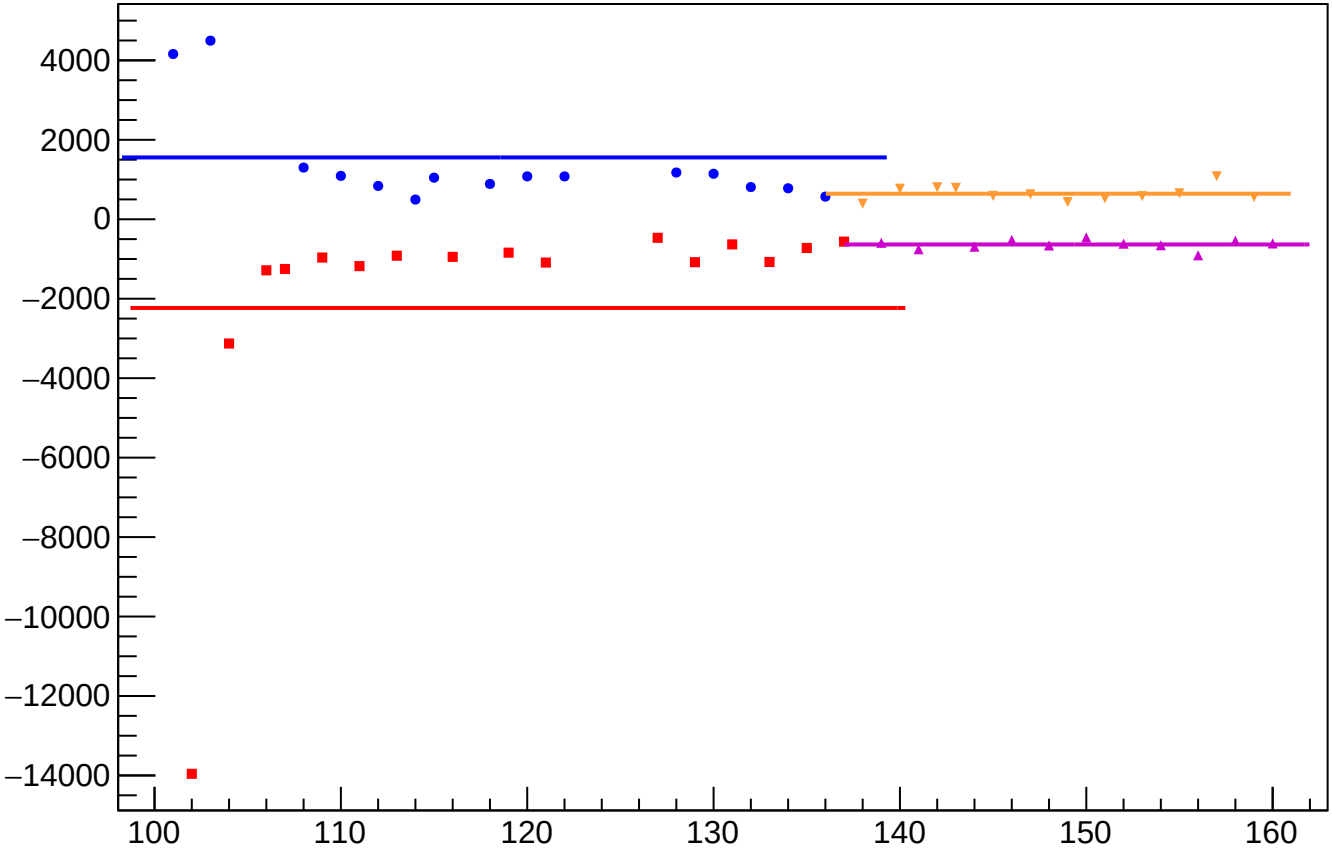
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

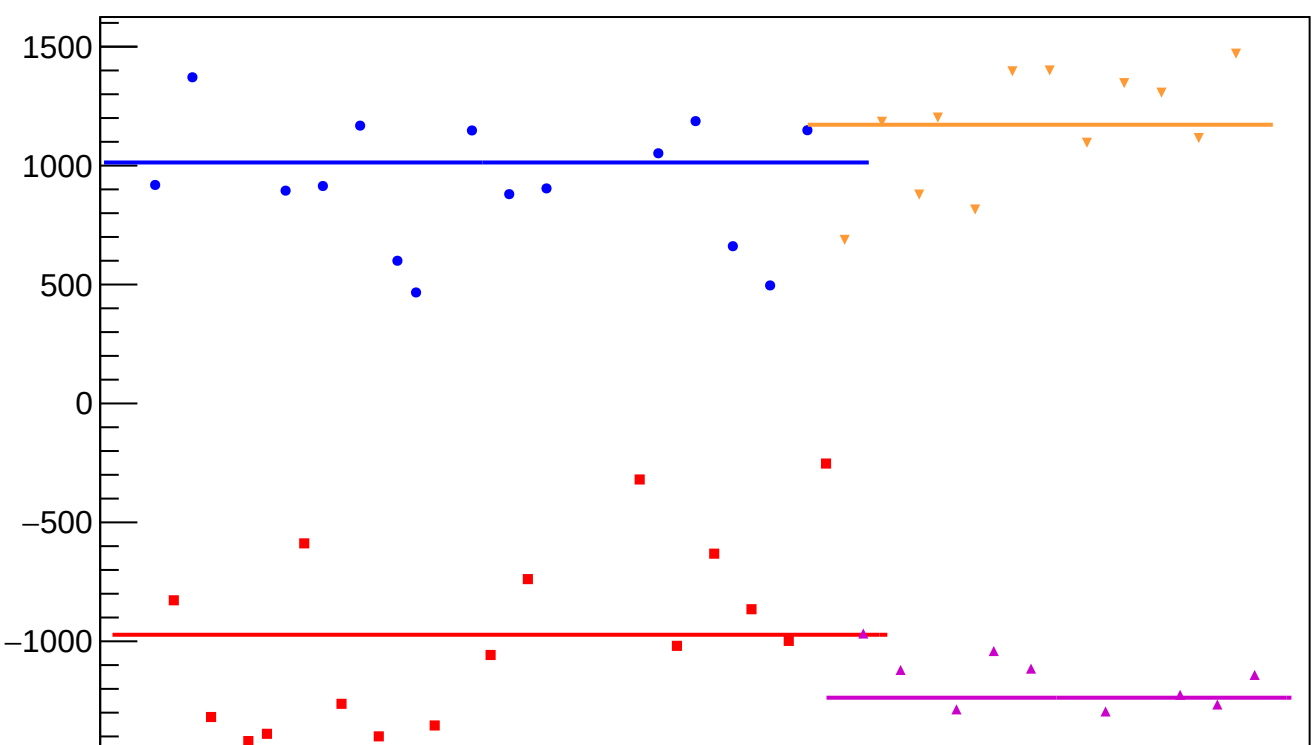
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

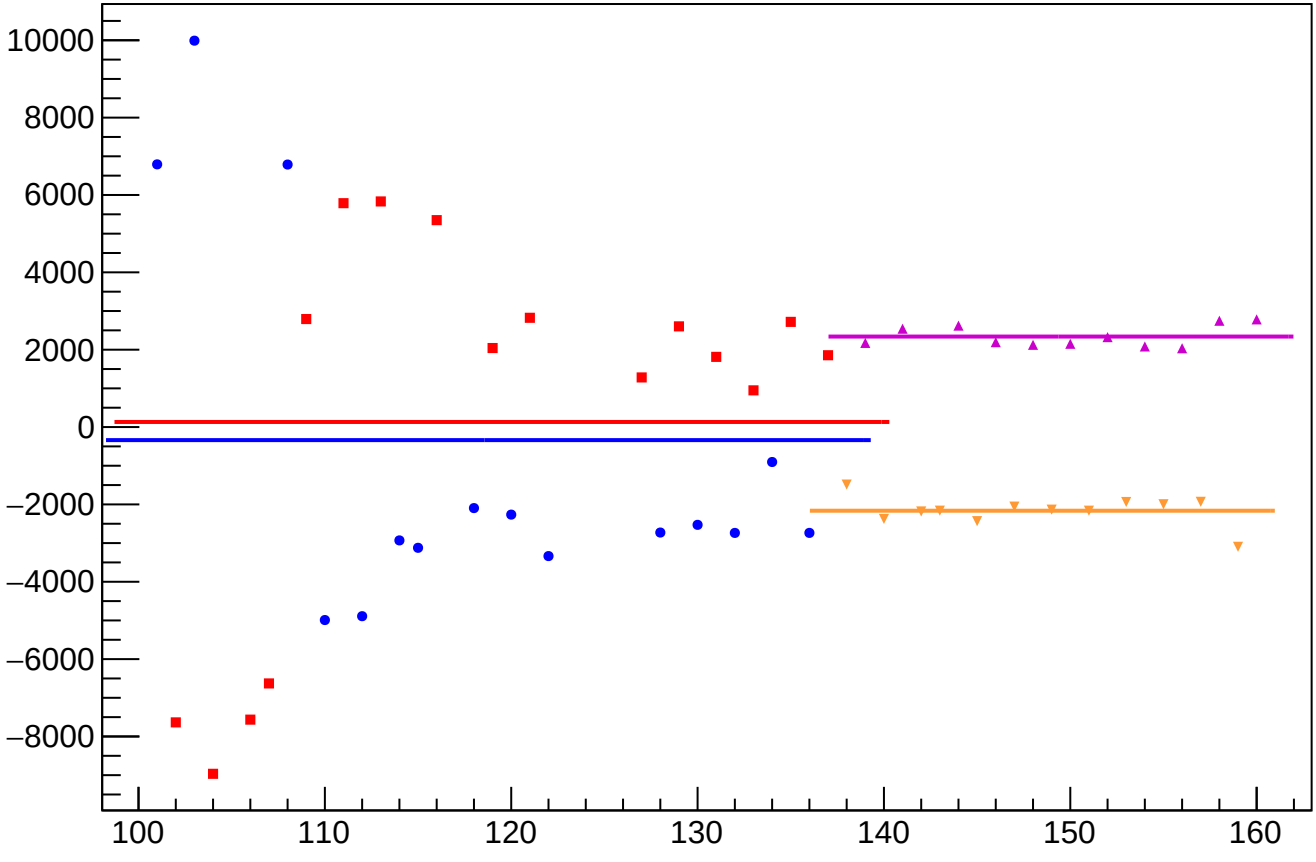
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

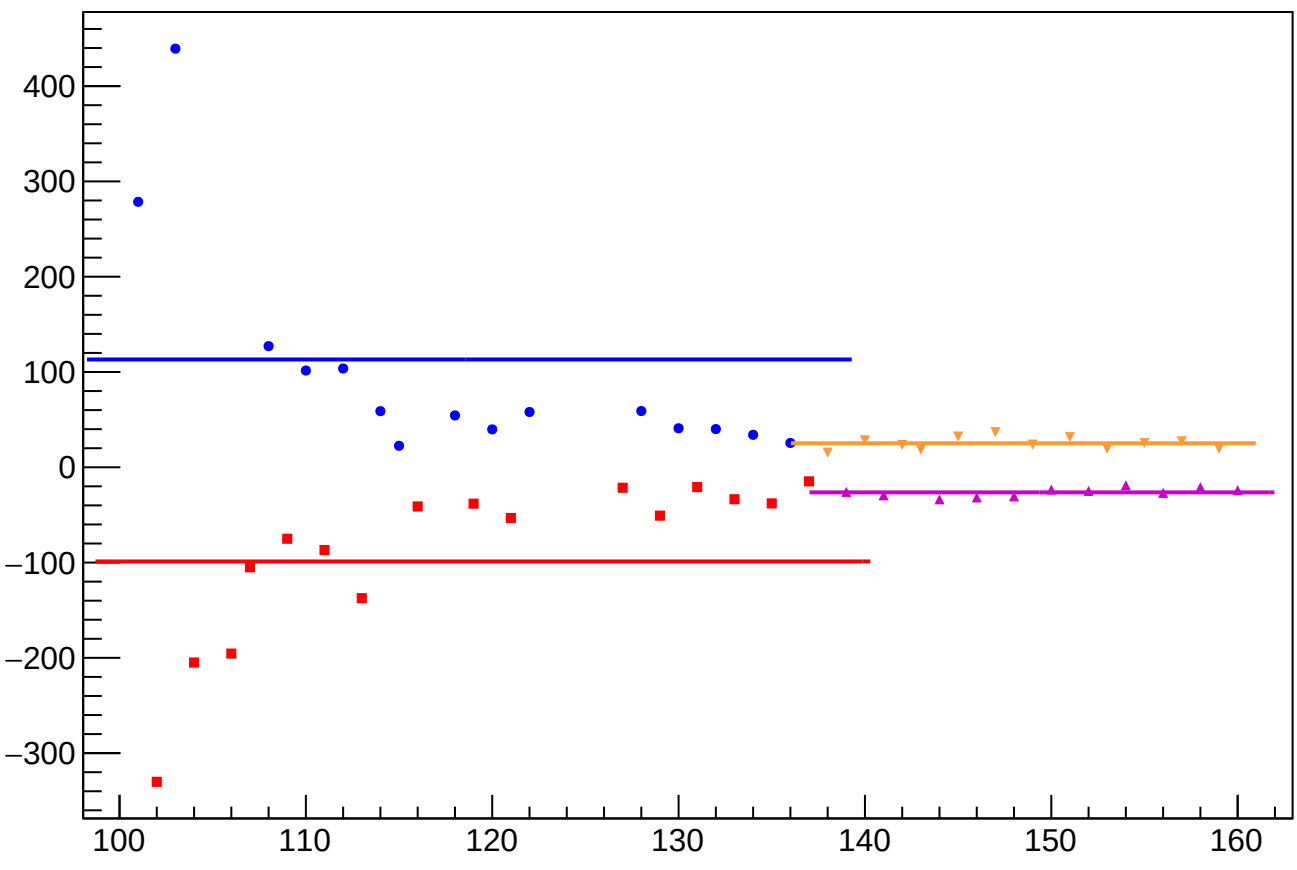
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

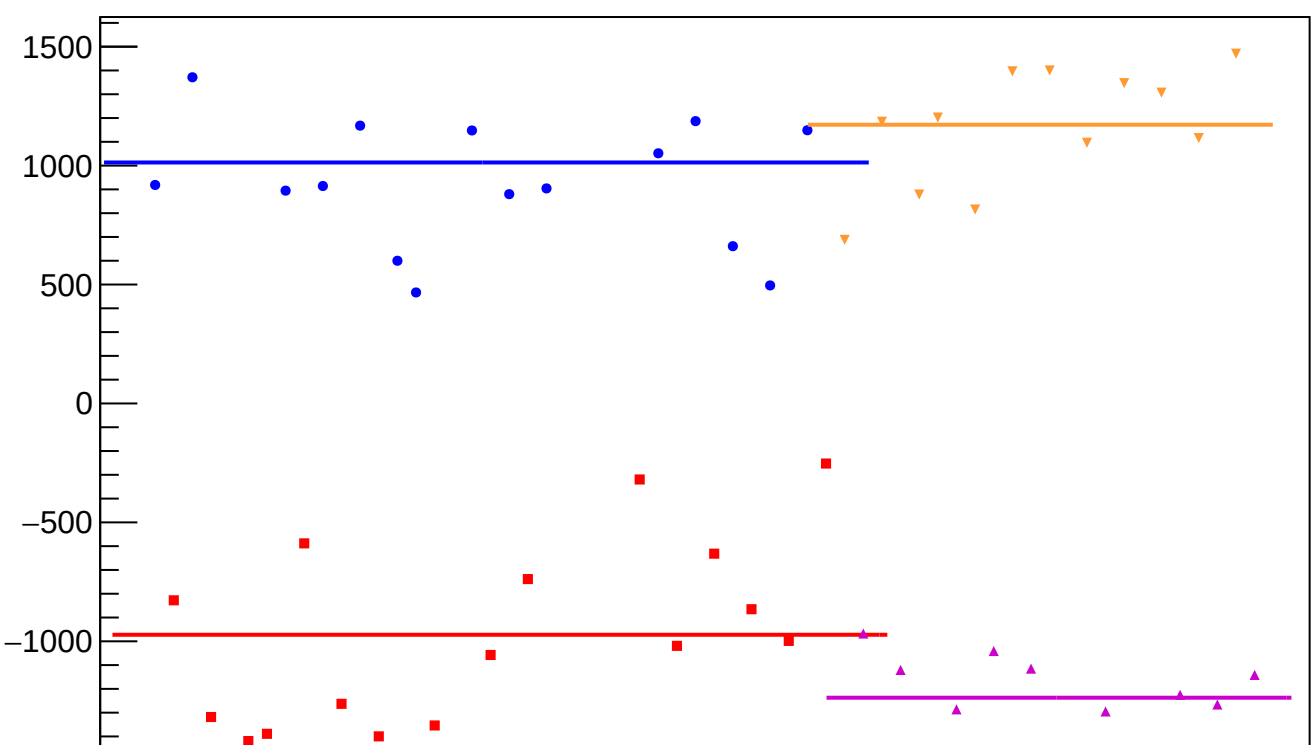
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

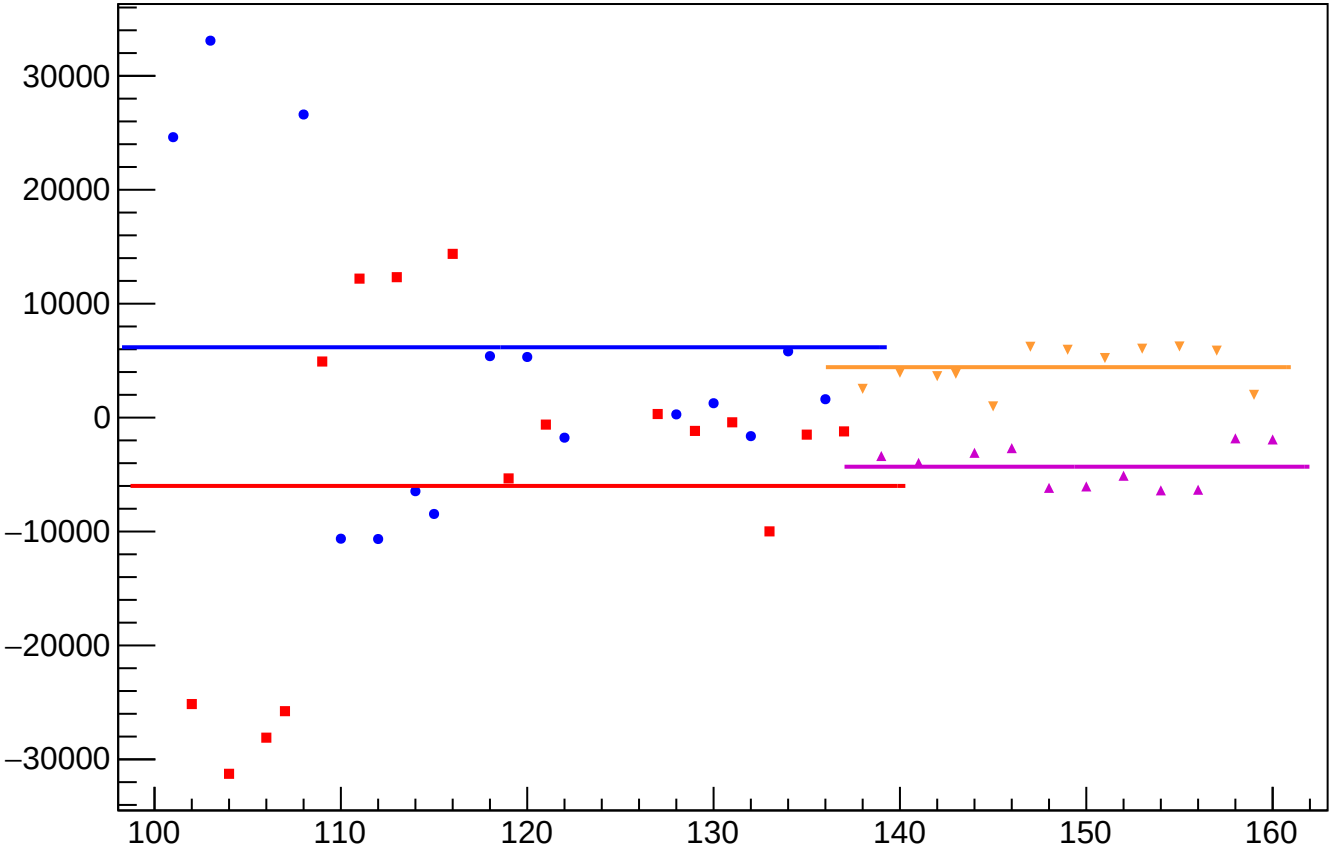
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

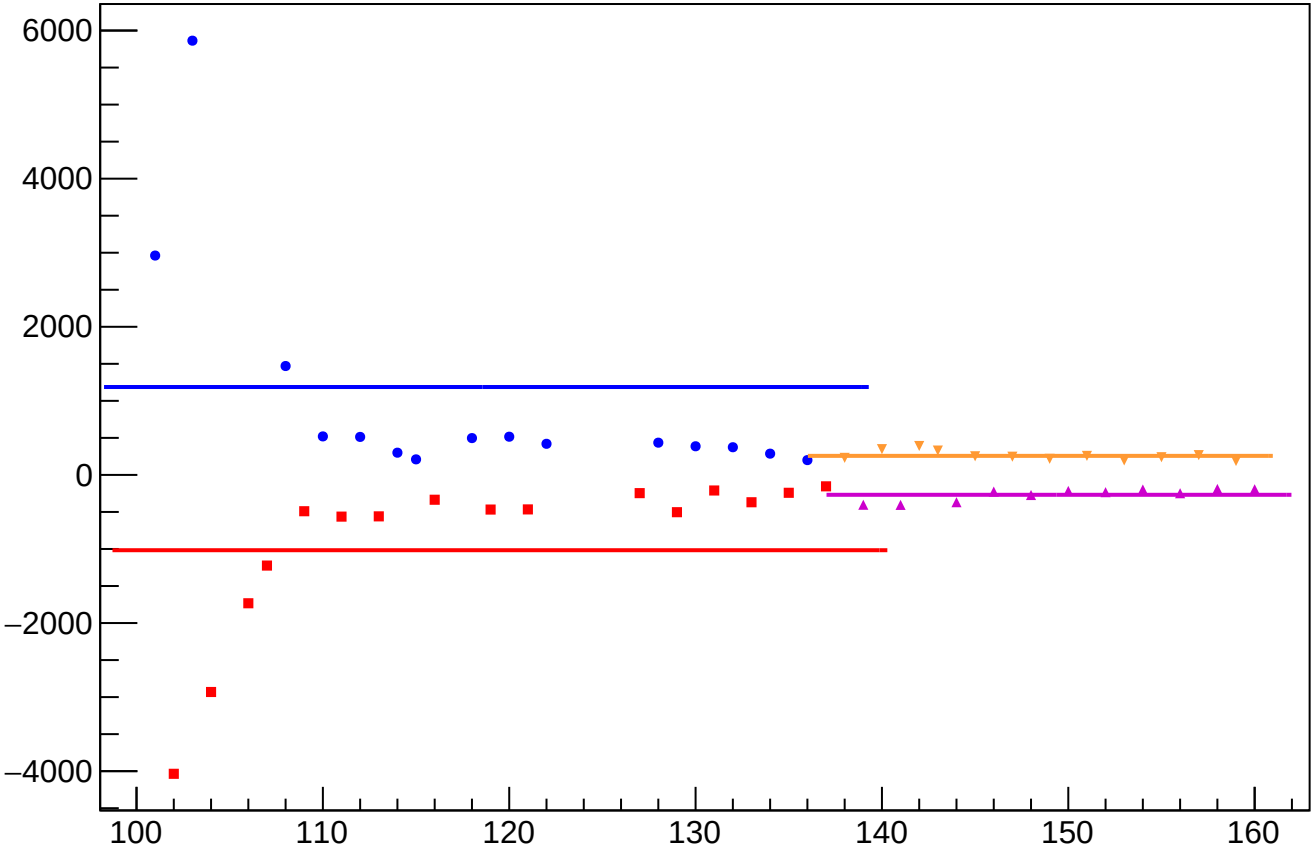
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

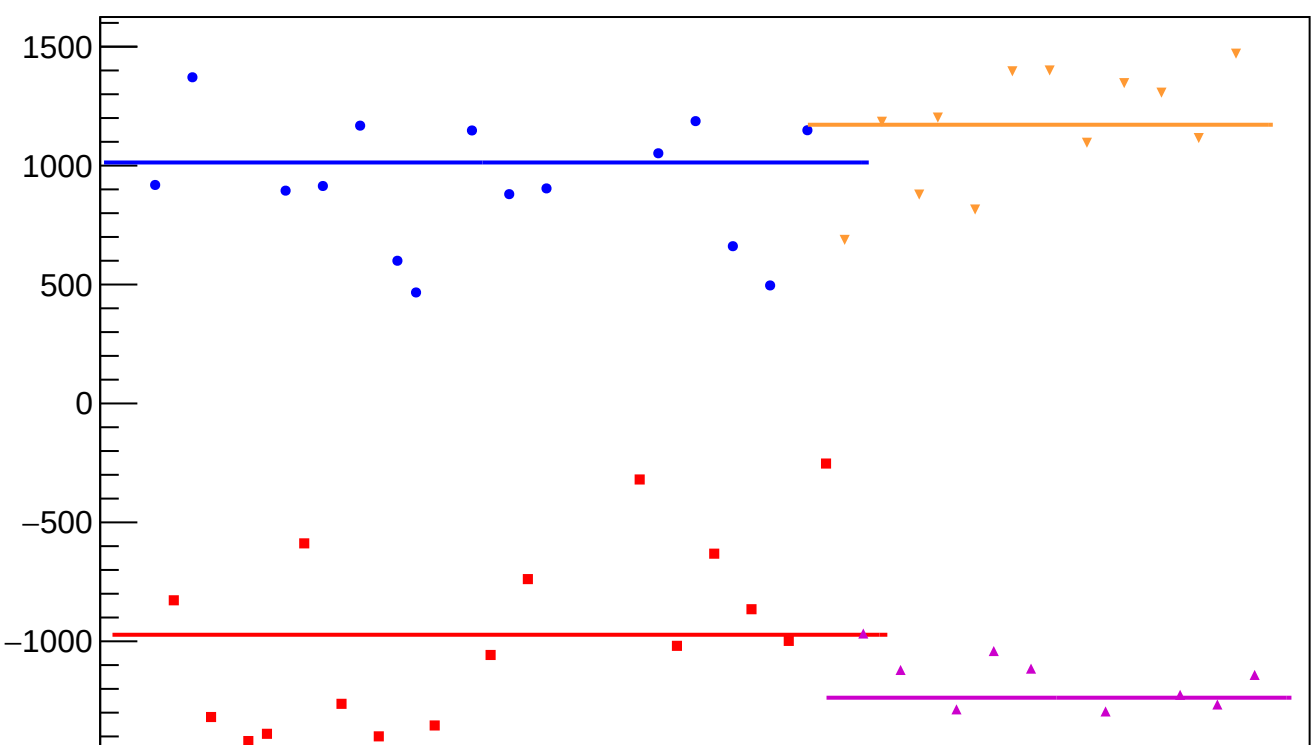
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

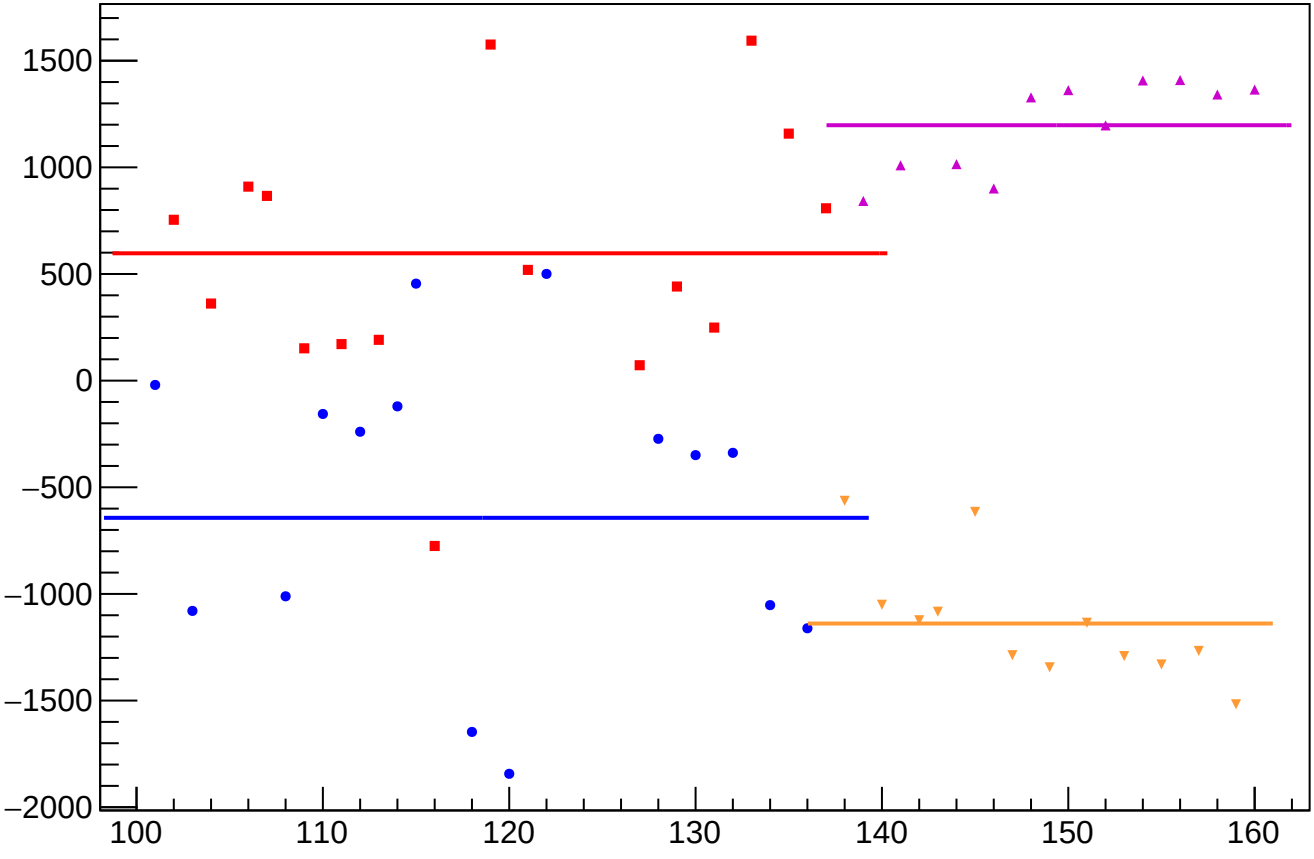
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

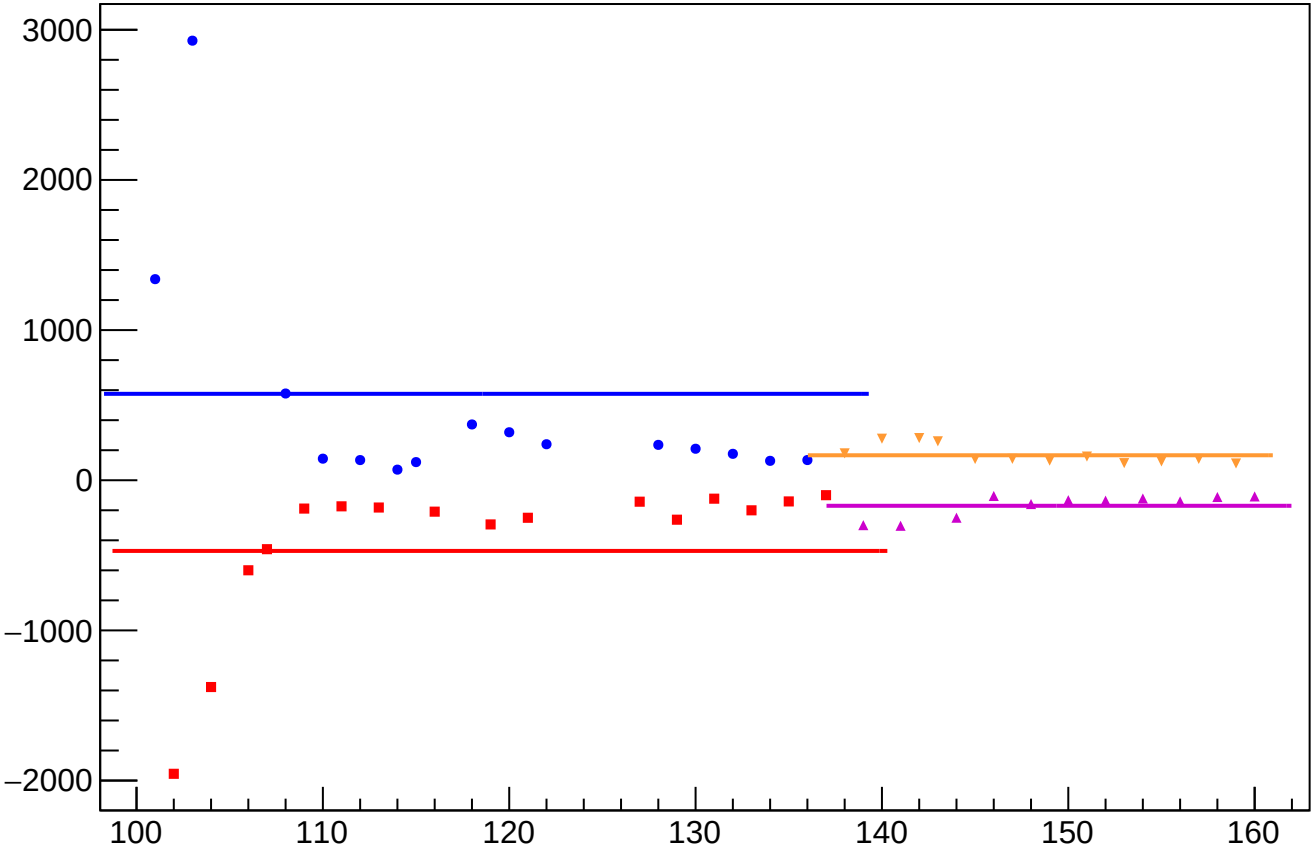
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



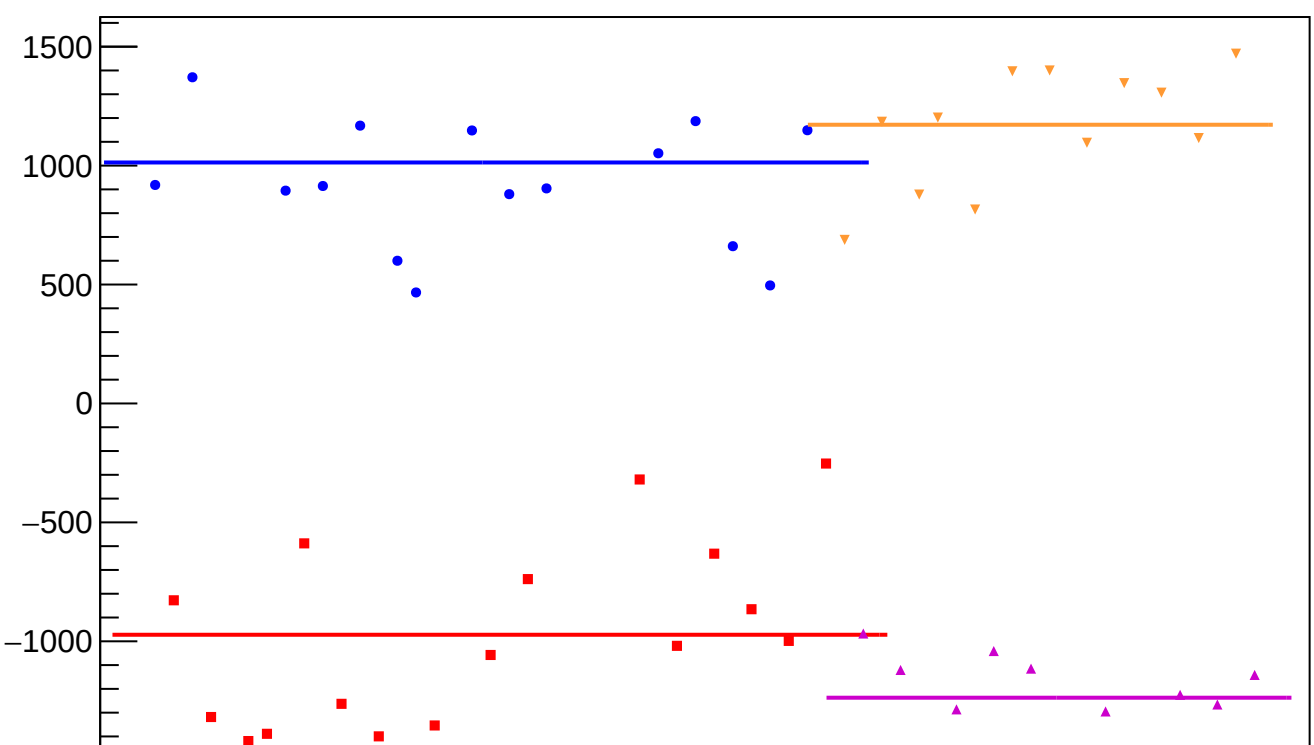
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

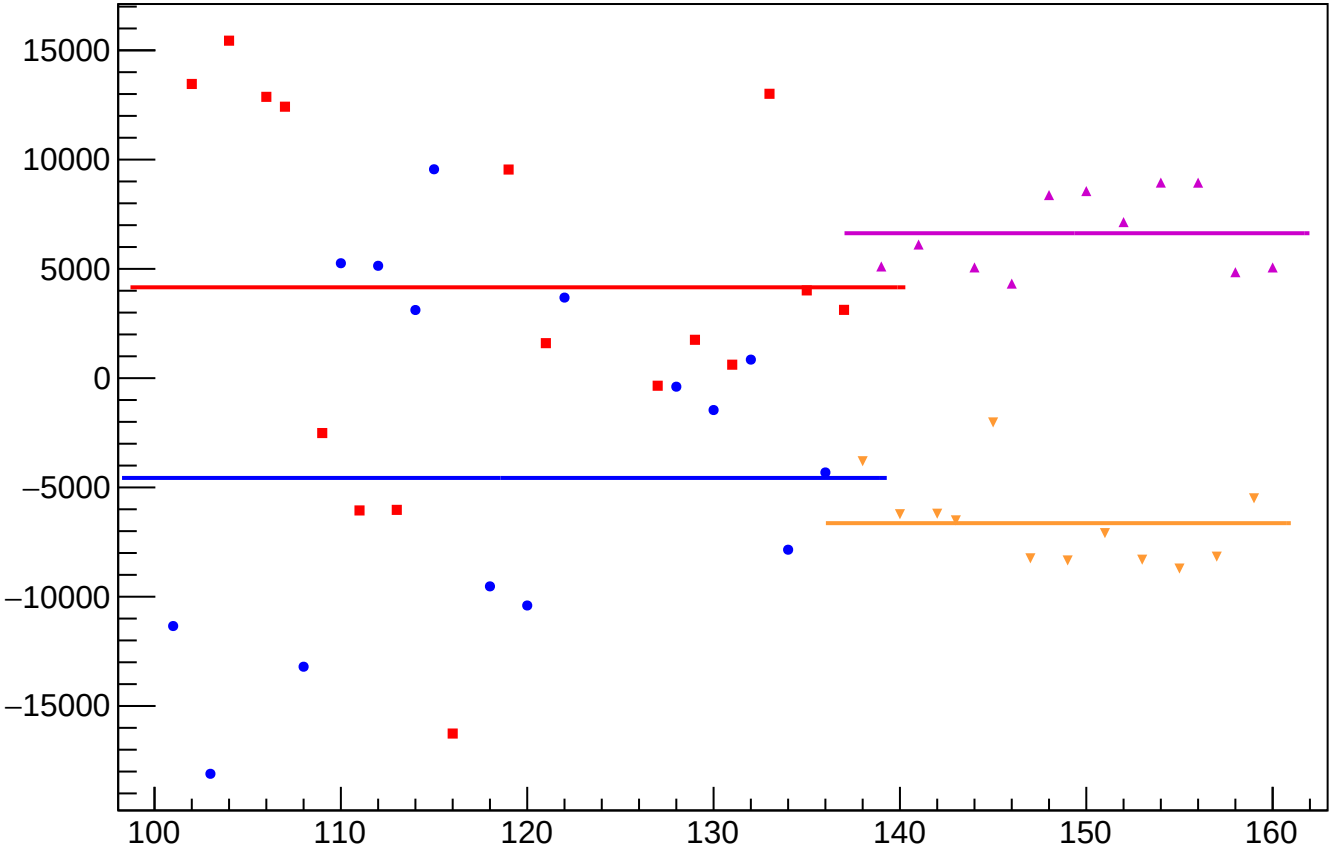
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

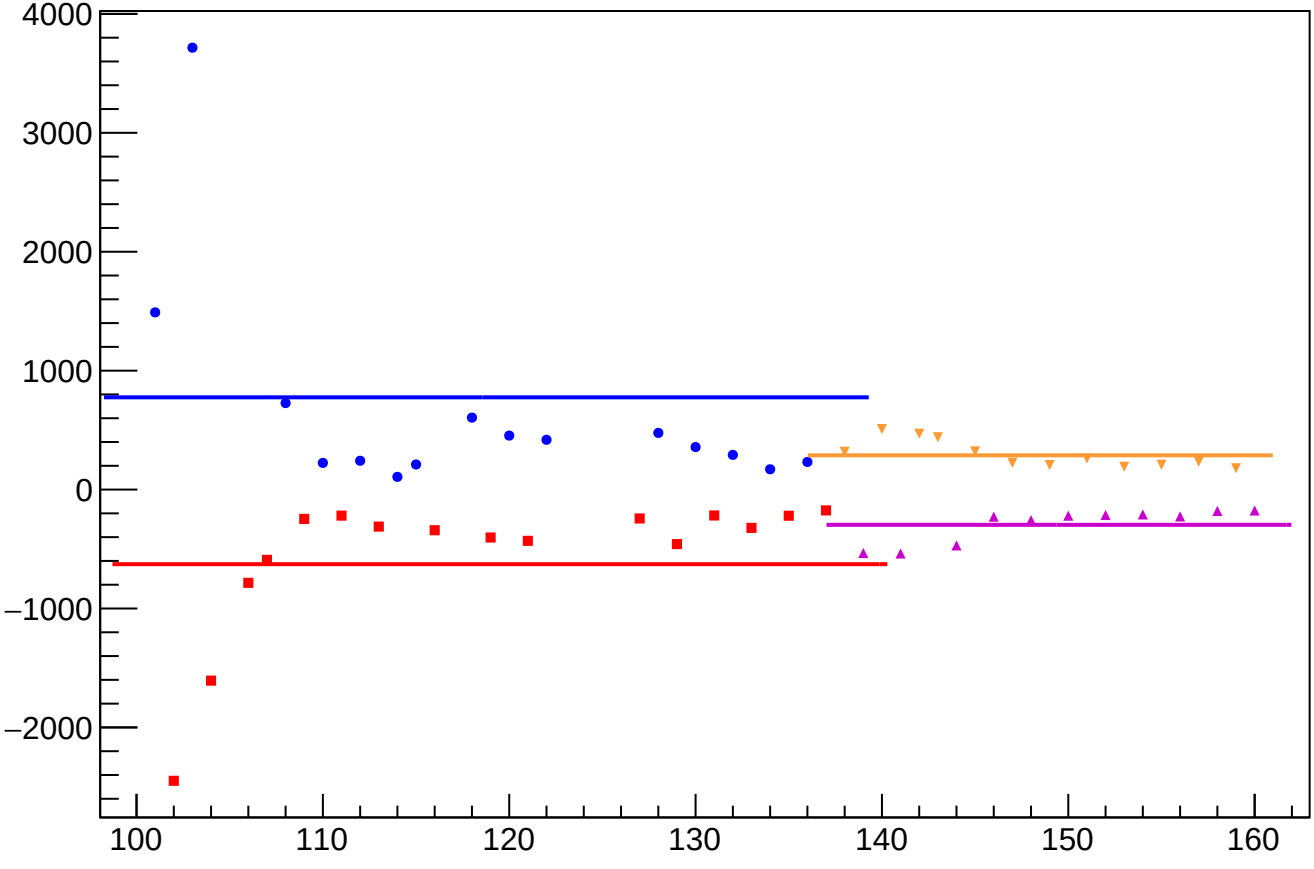
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

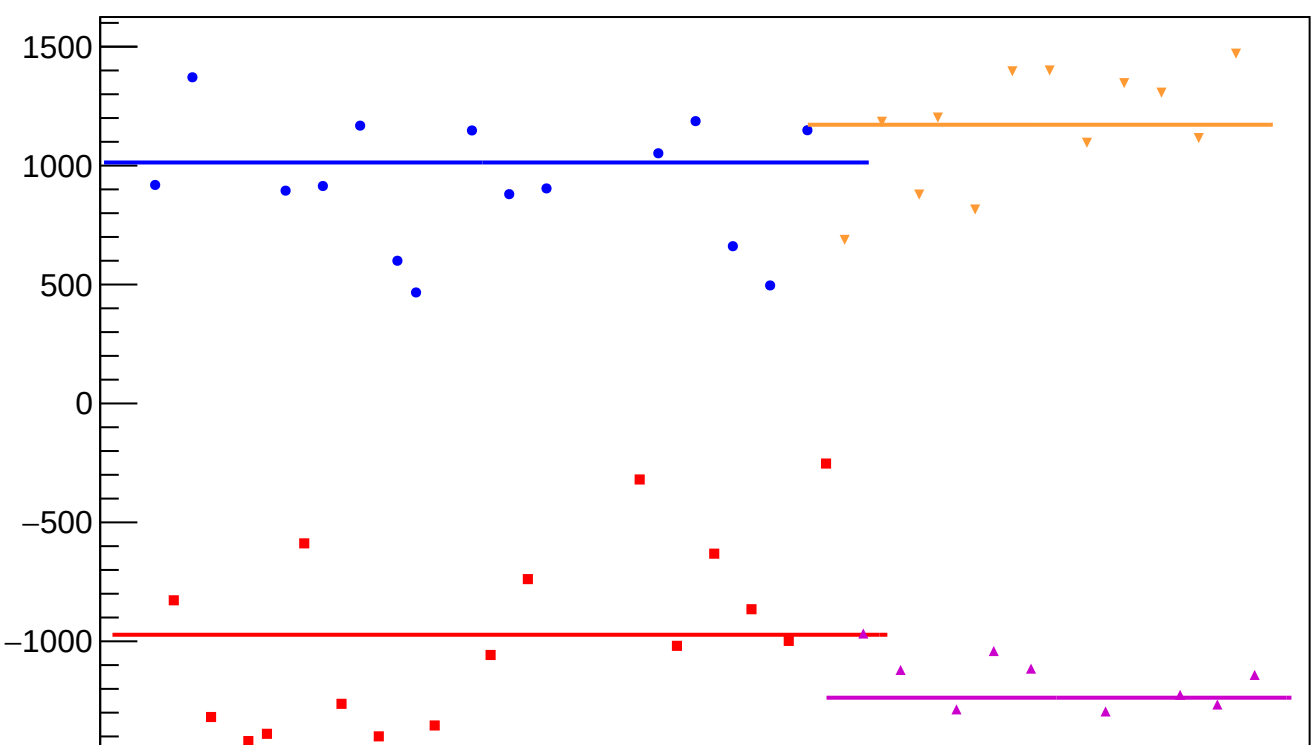
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

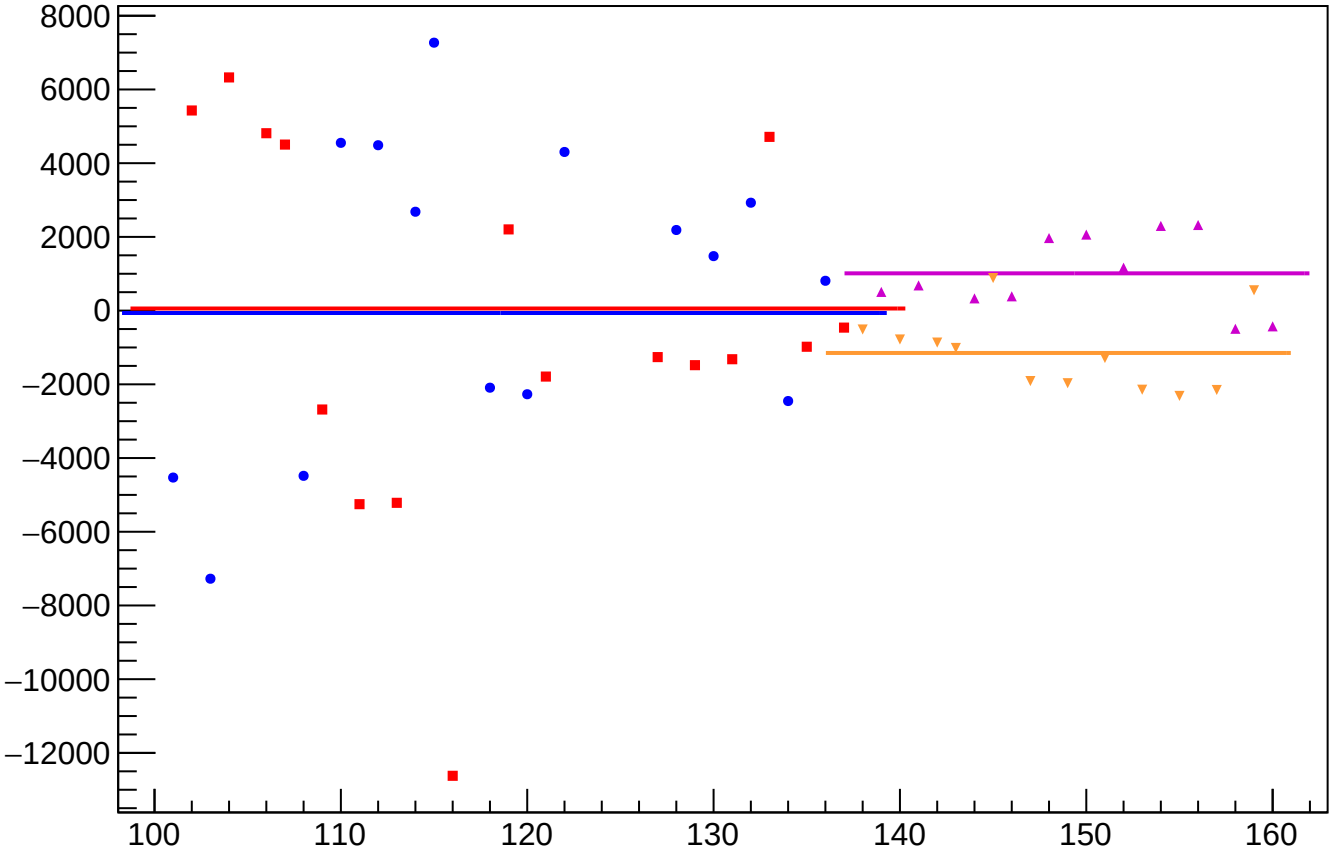
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

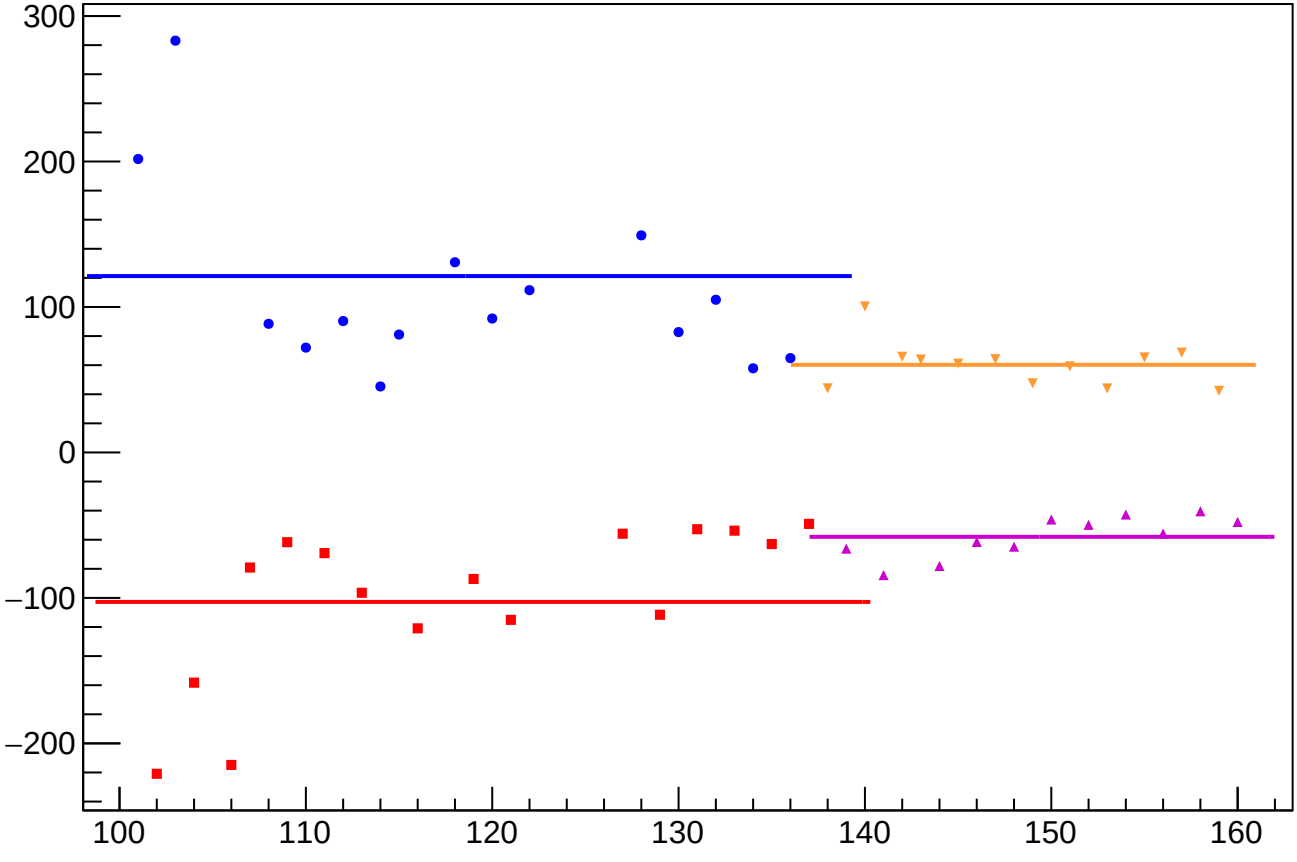
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



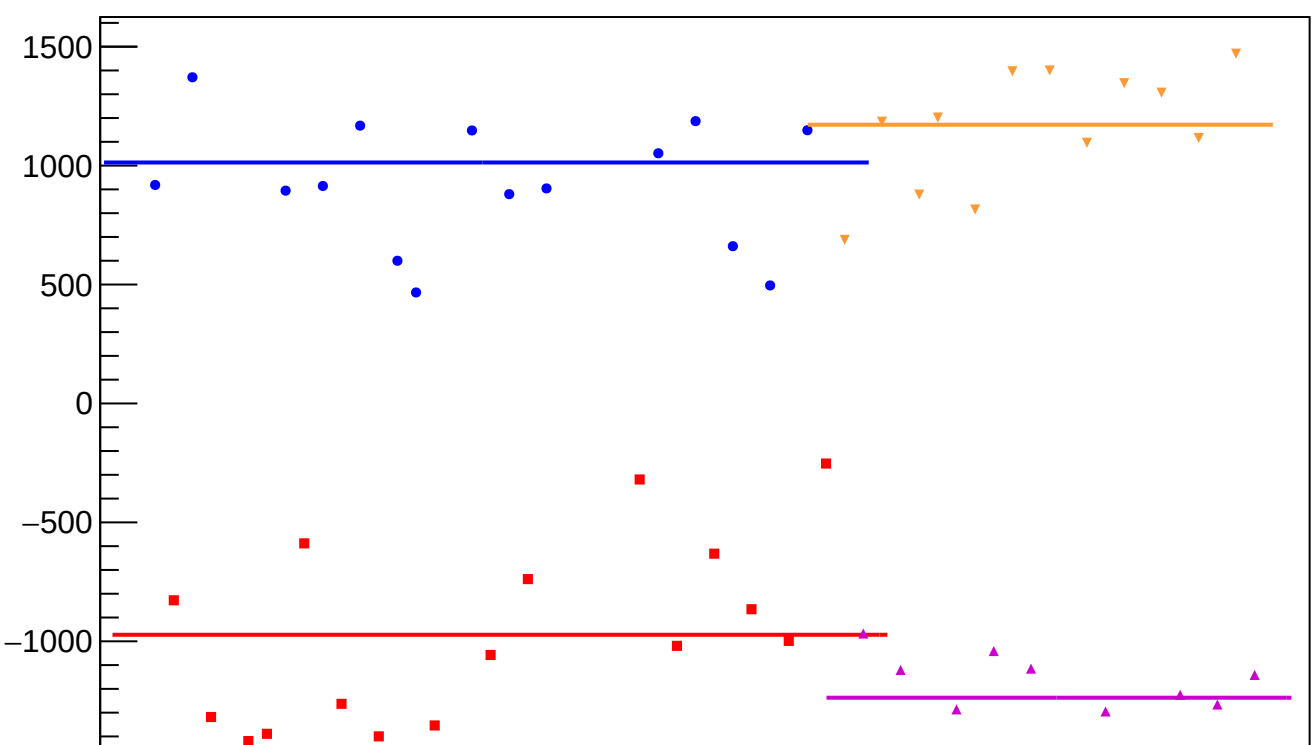
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



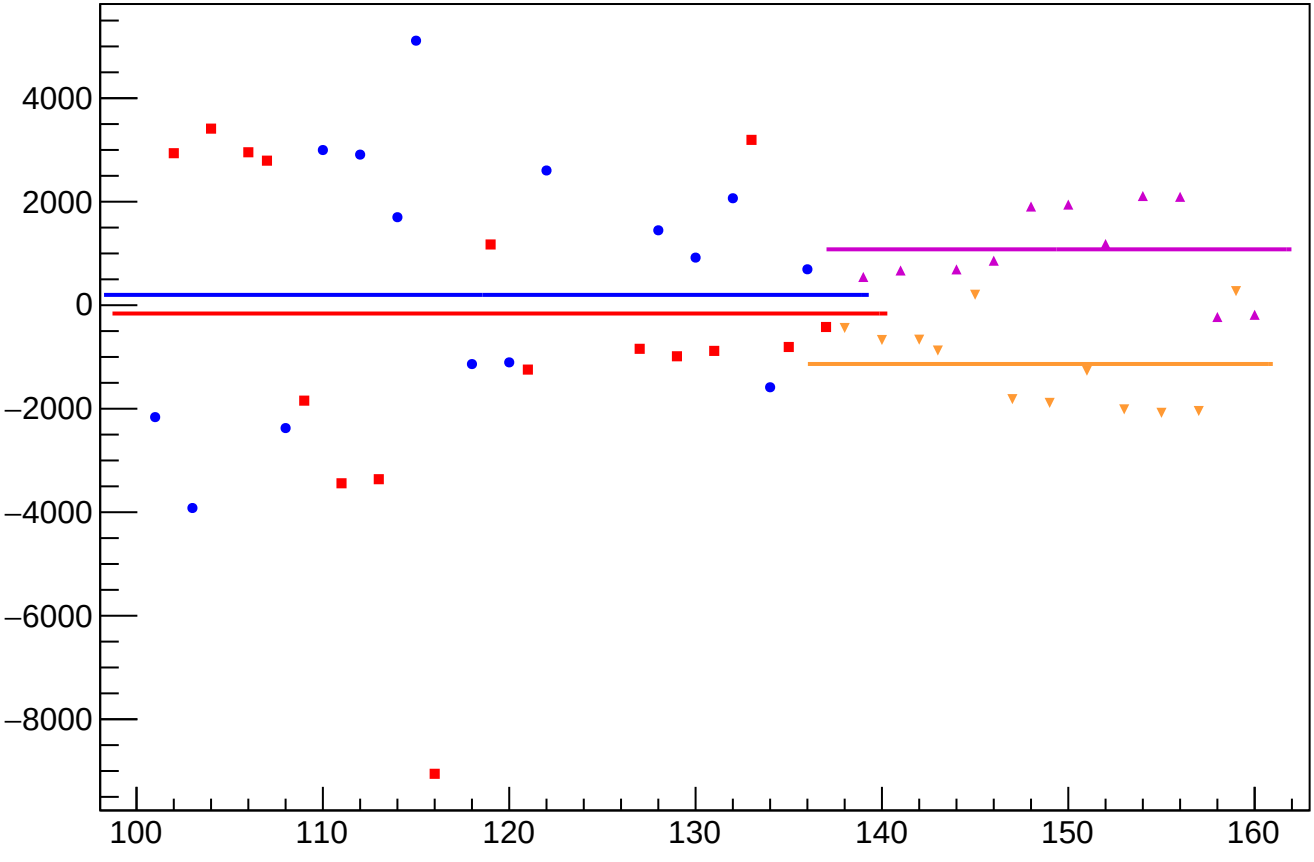
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

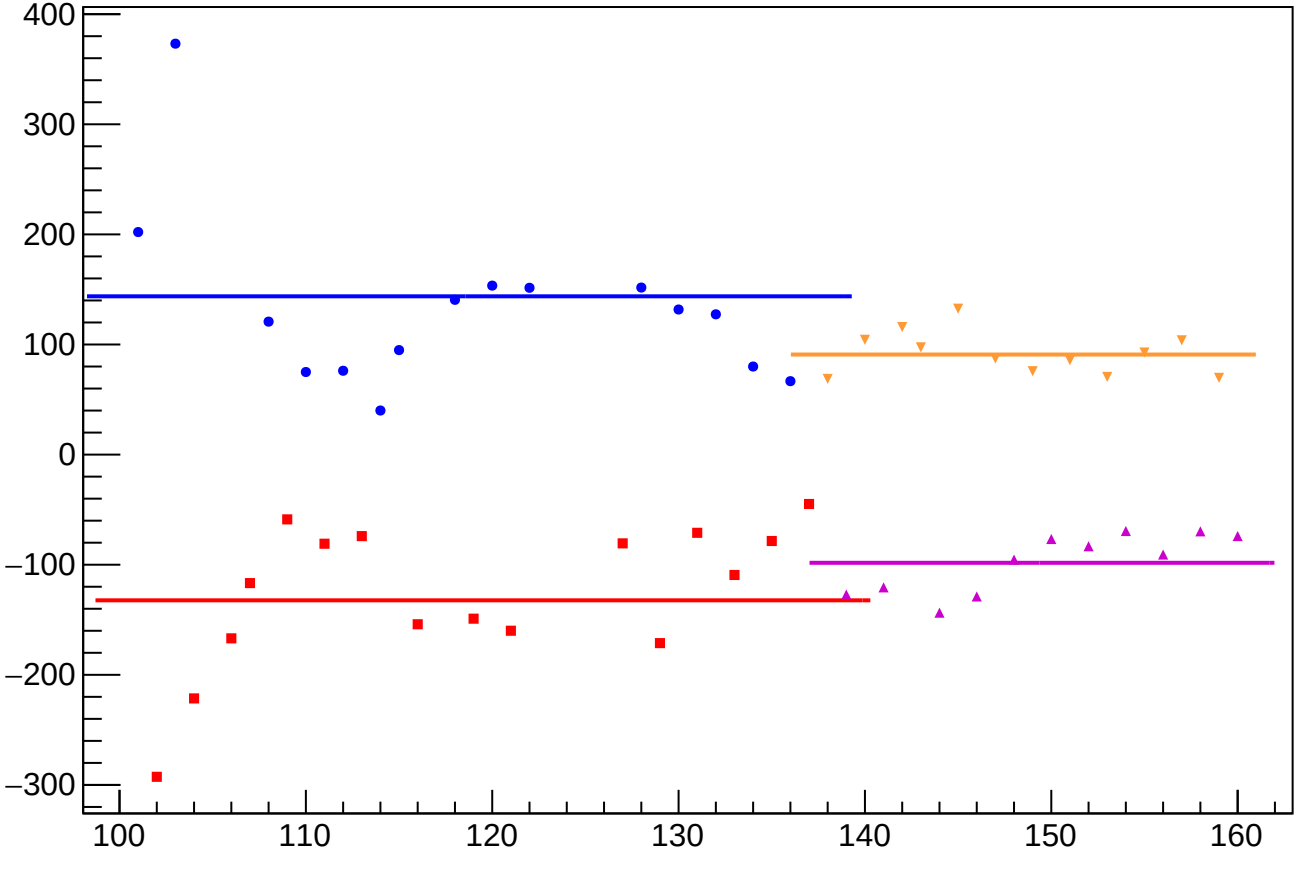
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

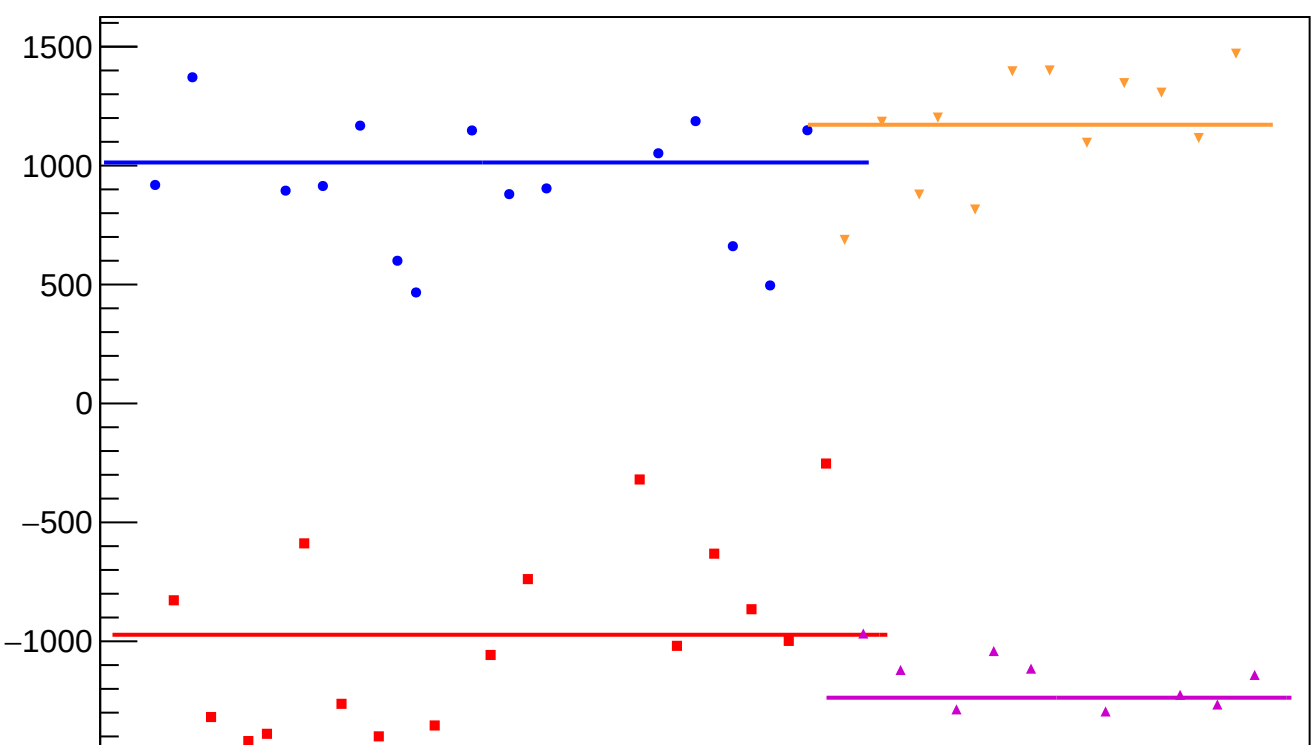
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

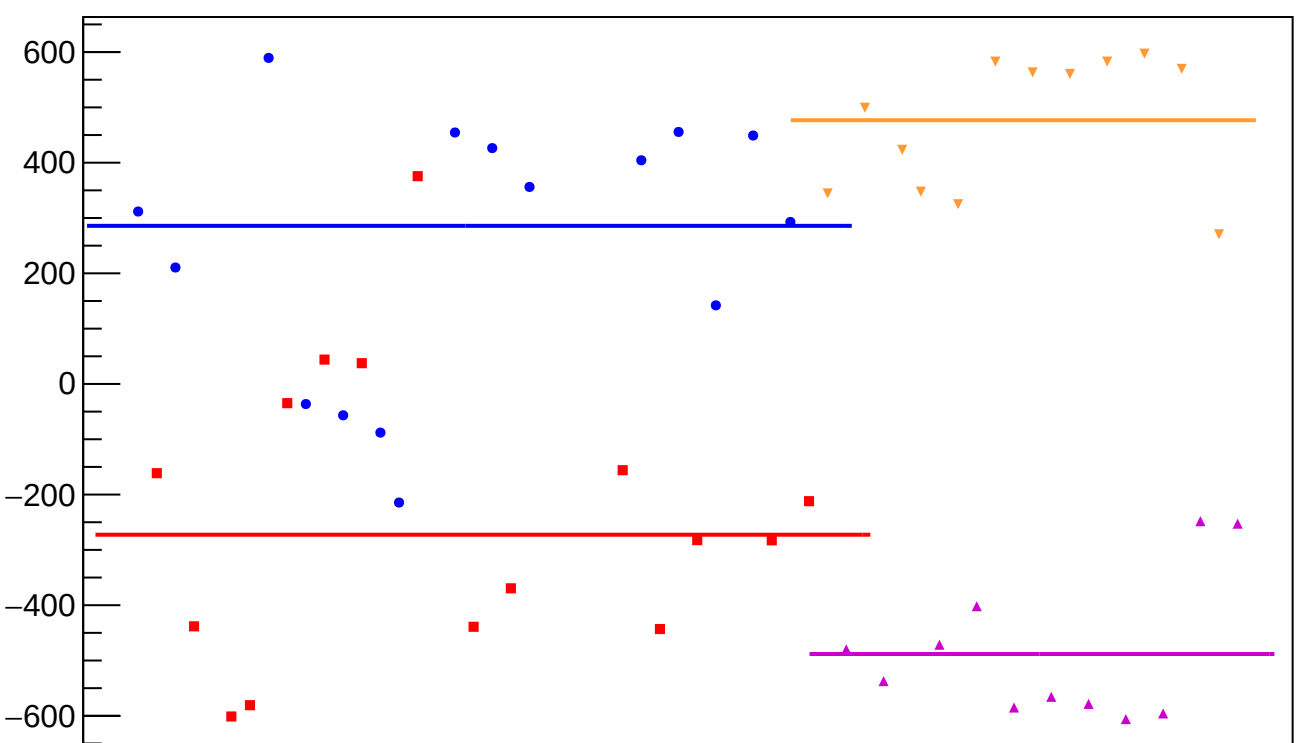
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

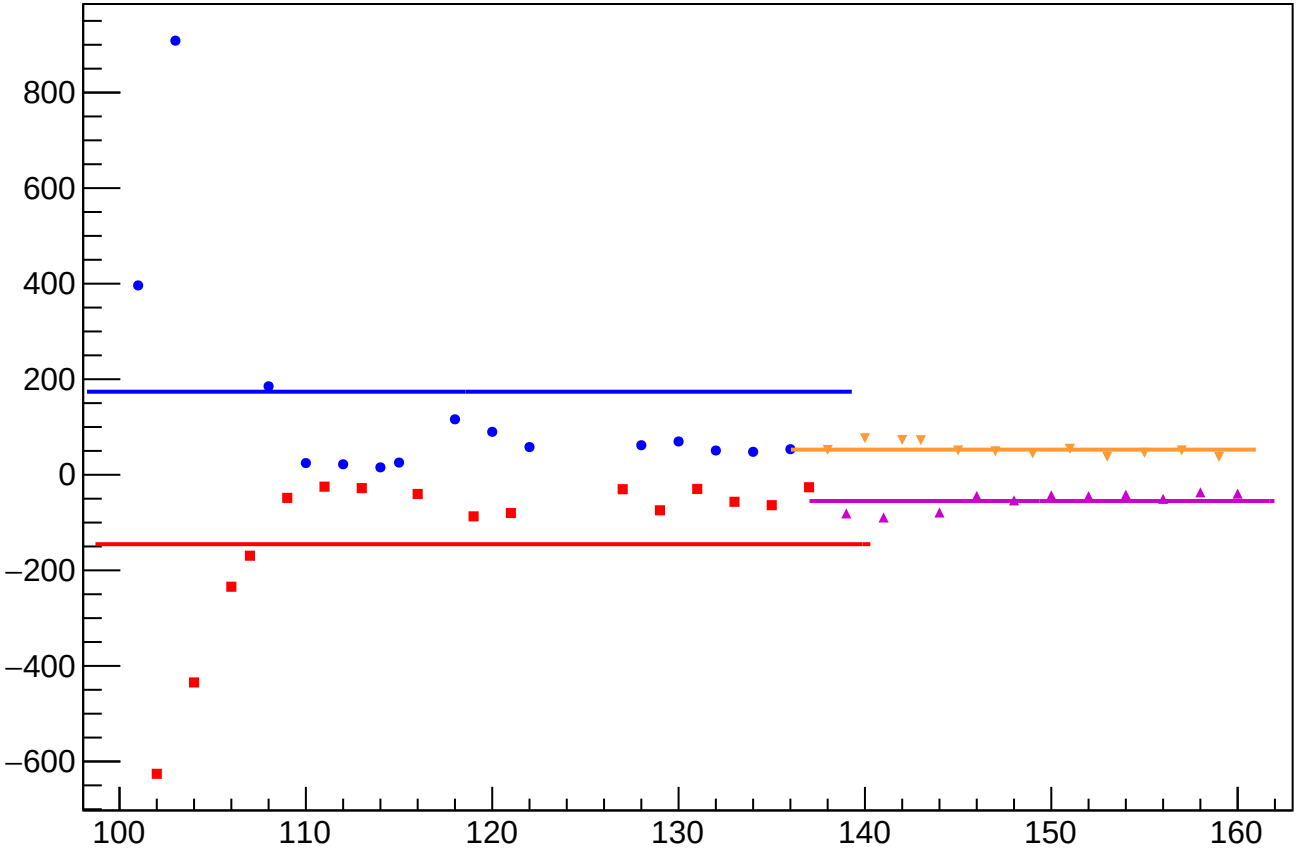
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

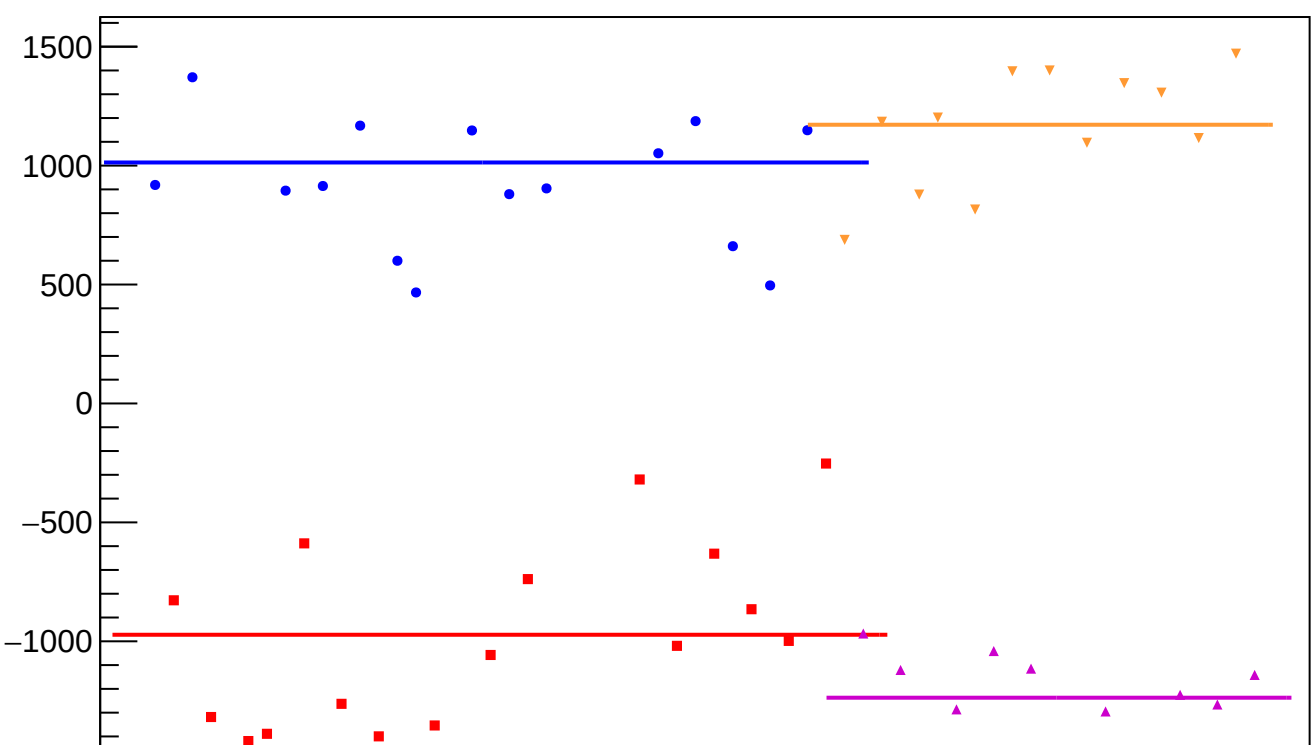
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

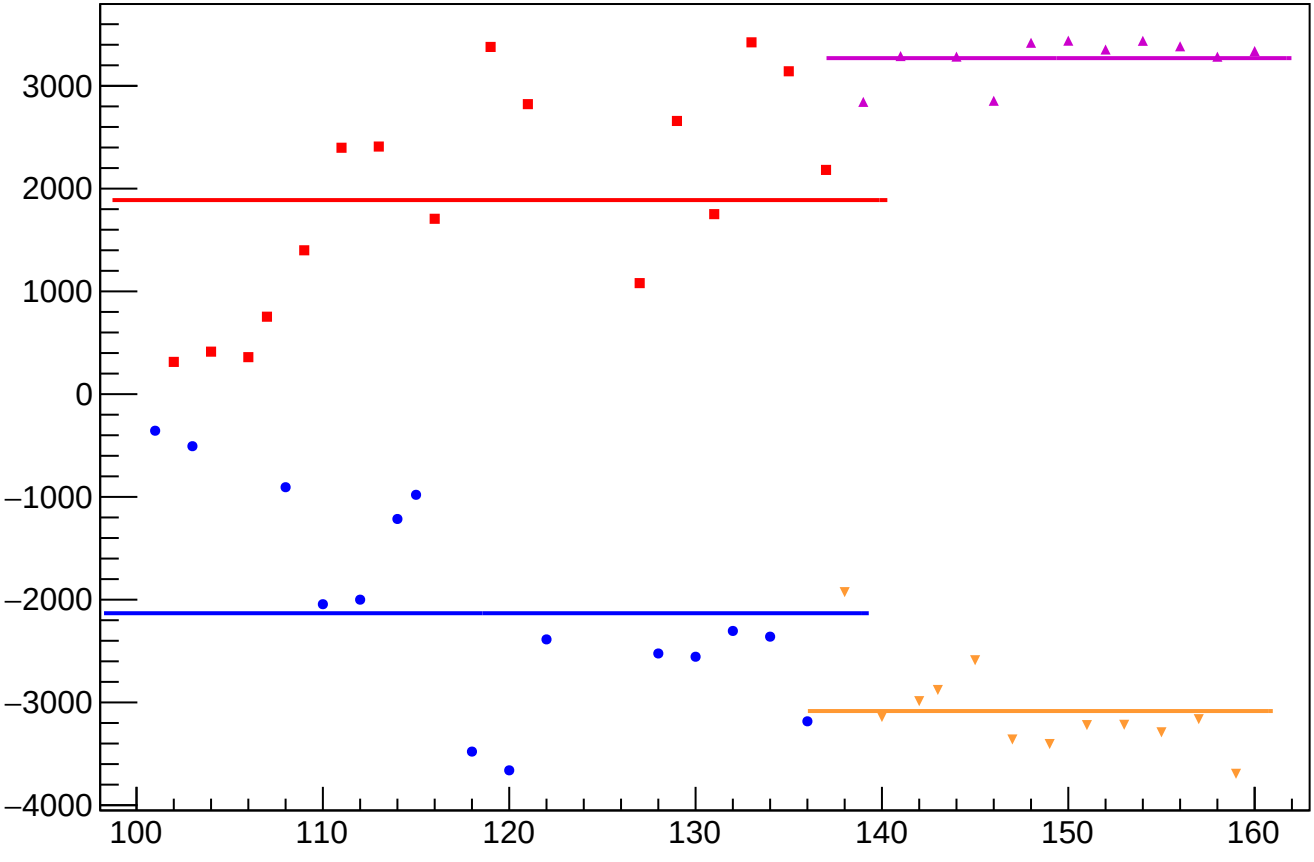
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

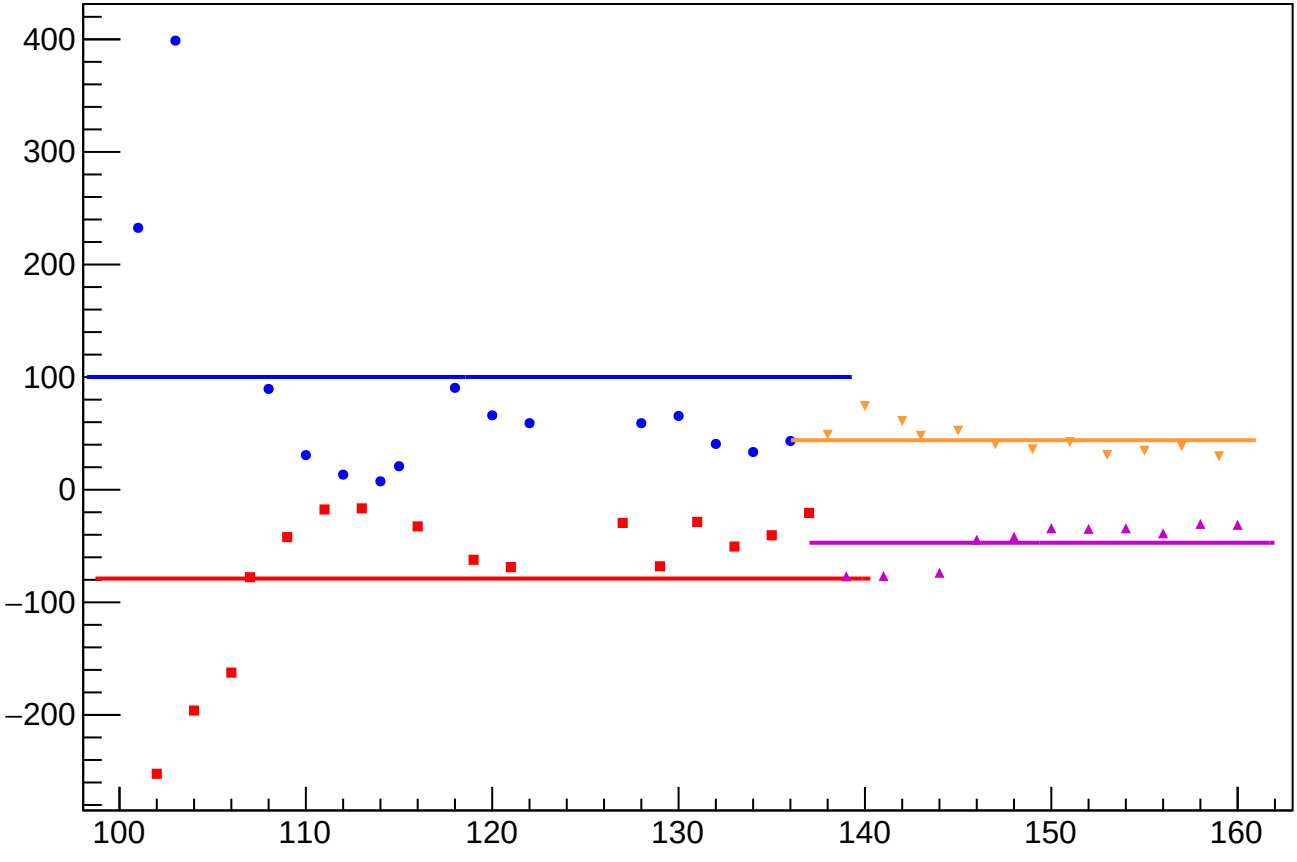
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

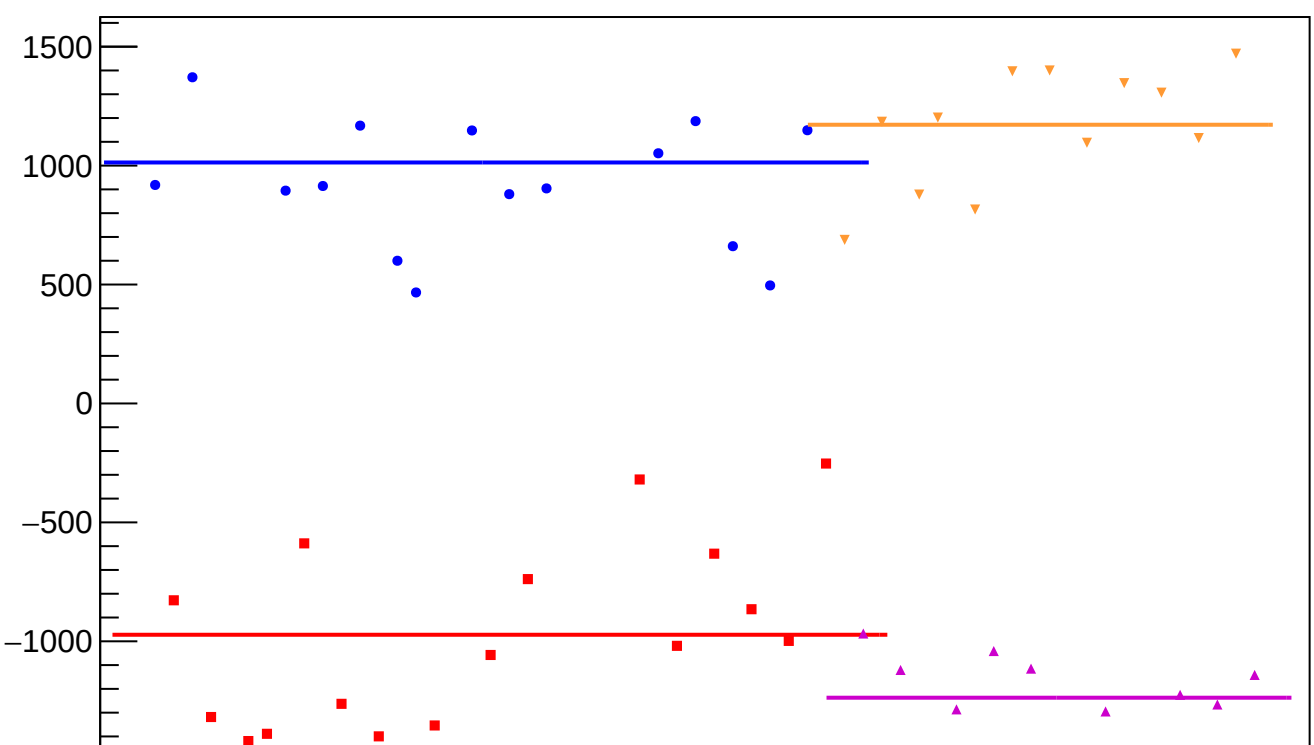
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

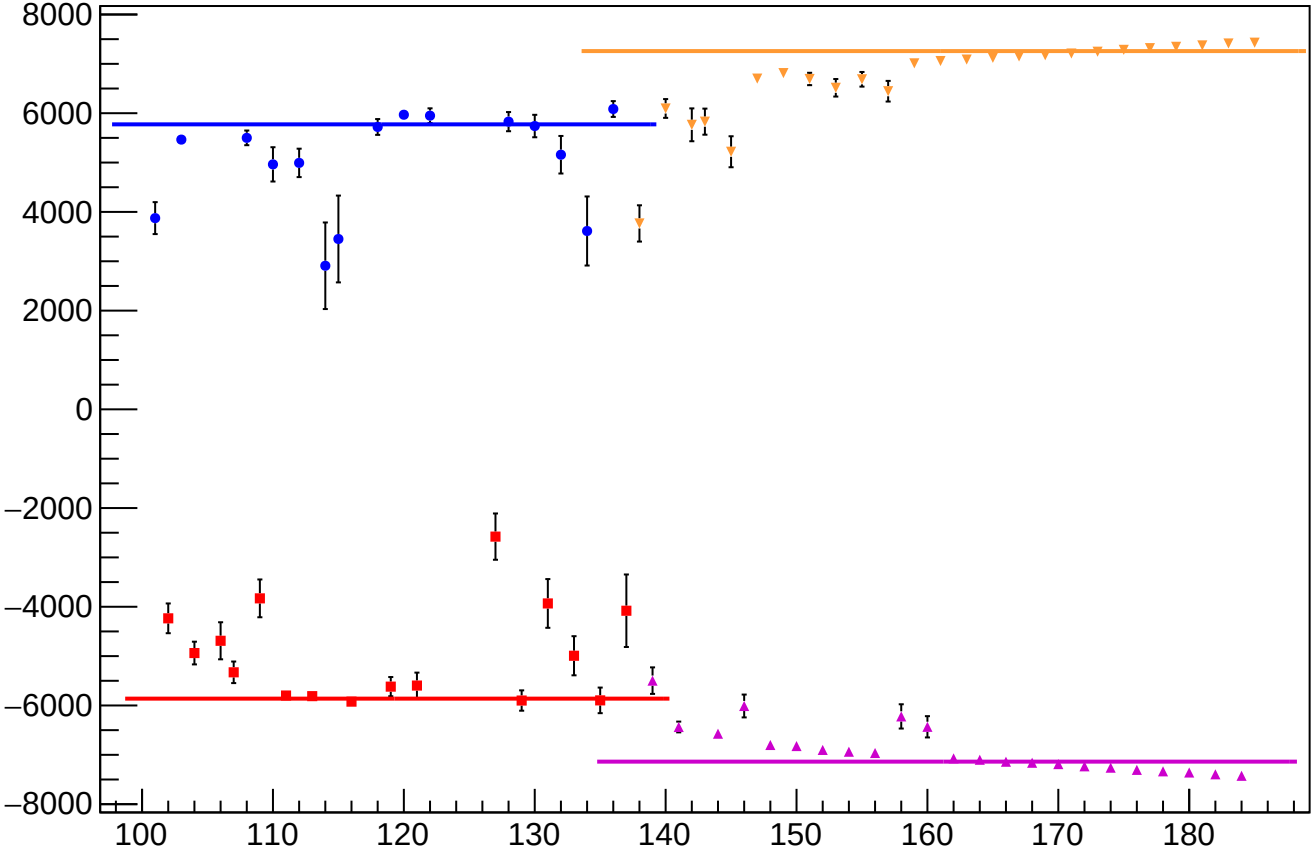
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 544.300+/-0.067 χ^2/NDF: 11467691043.9/47

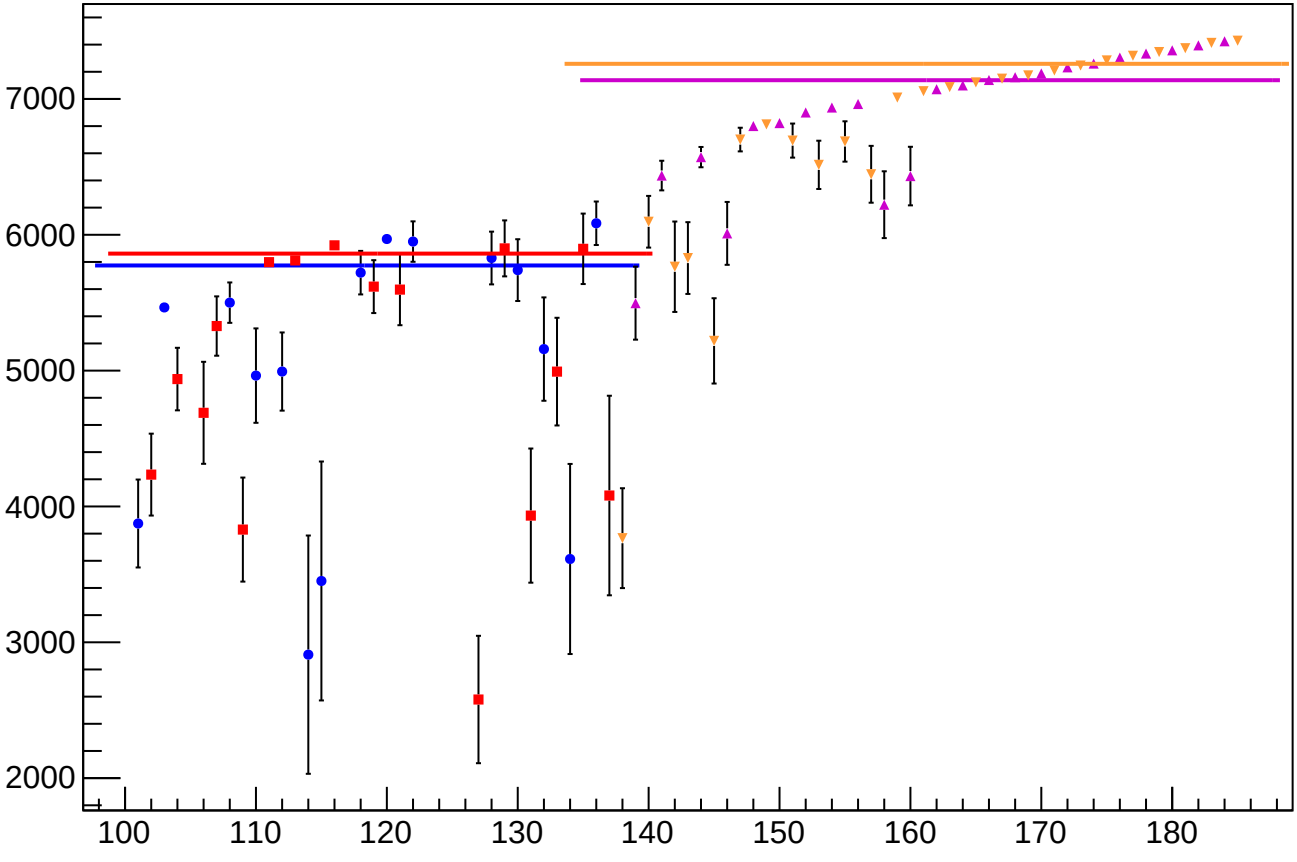
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 3294.134+/-0.077 χ^2/NDF:6170438889.1/40

All: -15.116+/-0.057 χ^2/NDF: 14311598667.5

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7202.367+/-0.067 χ^2/NDF: 9591818.2/47

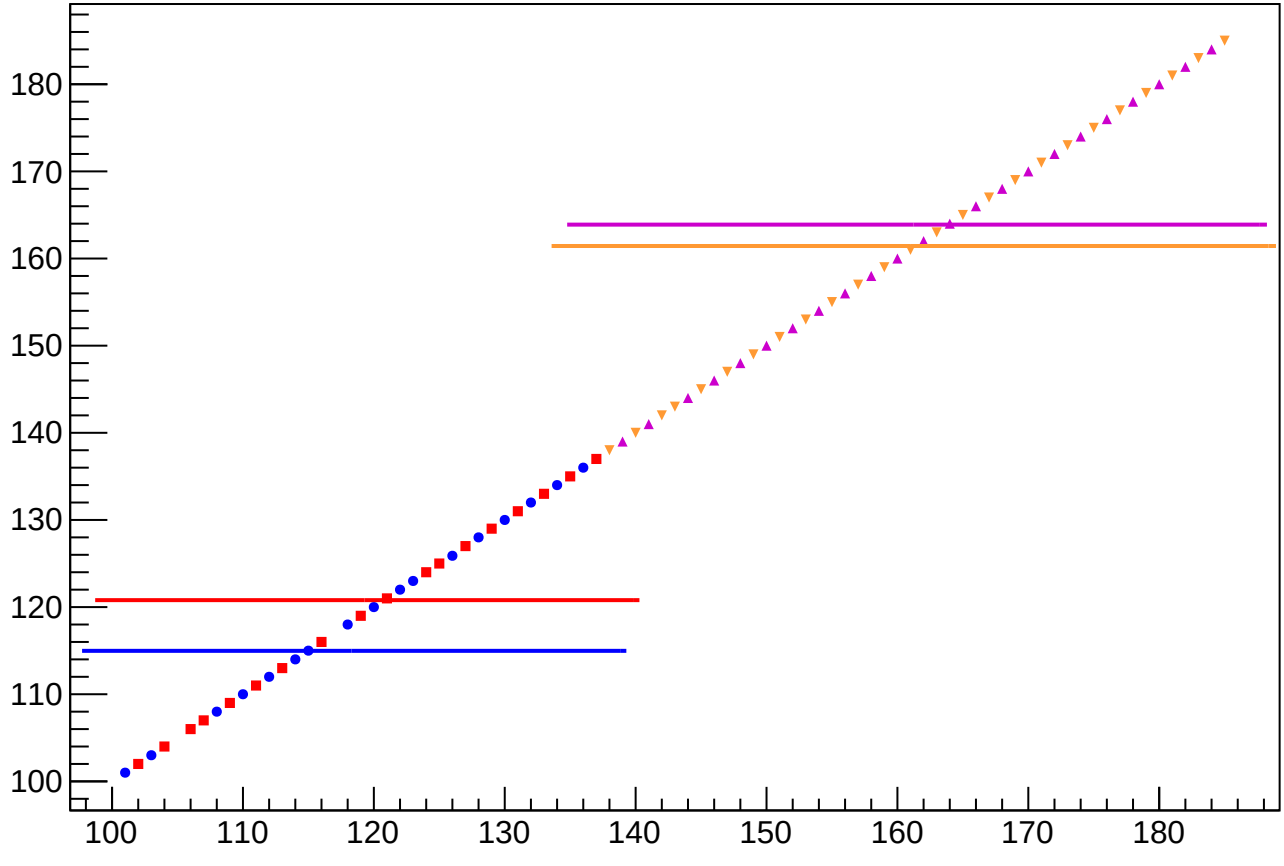
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6836.451+/-0.077 χ^2/NDF:74342923.0/40

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

dit_slug_slope vs Slug, Sign Corrected



Left: 162.851+/-0.000 χ^2/NDF: 3540465111321937

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.302+/-0.000 χ^2/NDF: 172044633770068

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

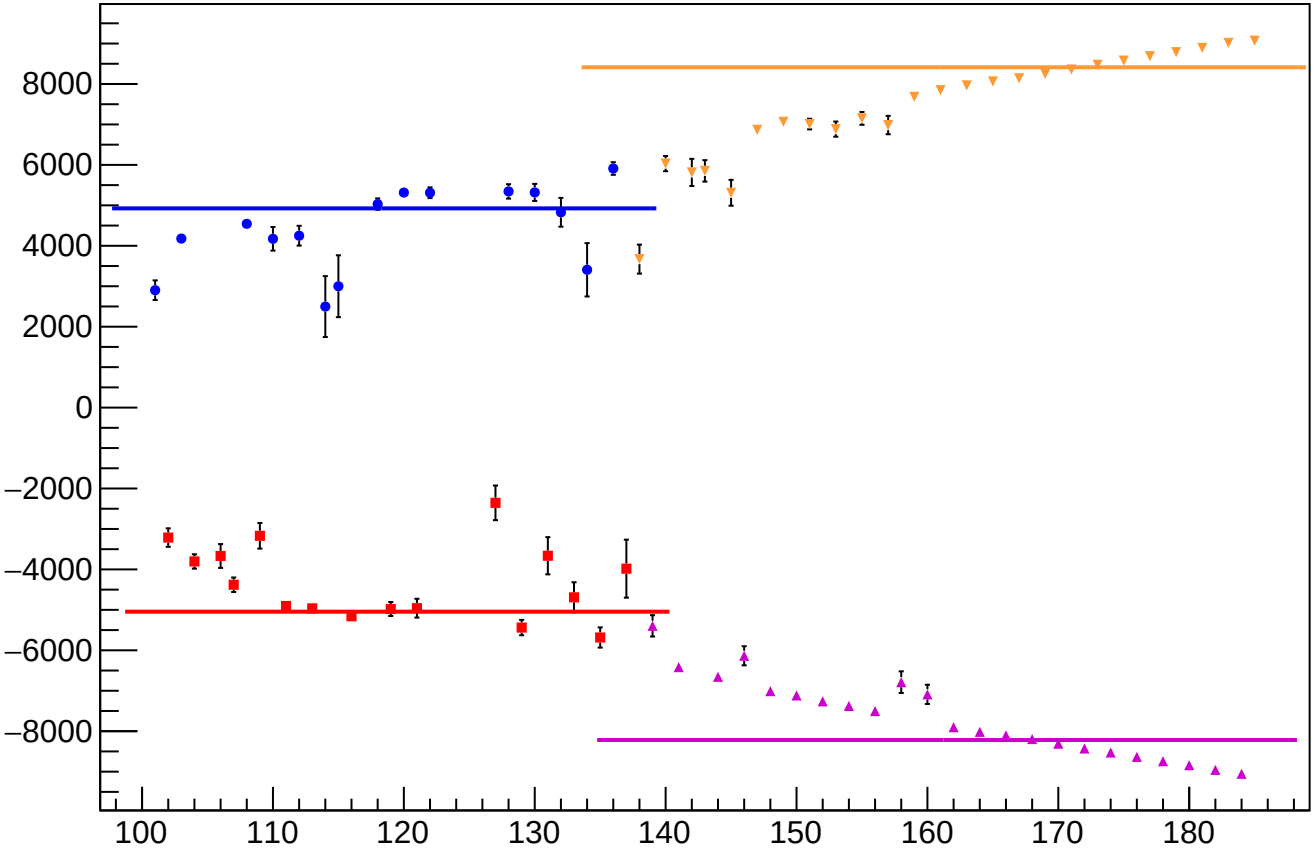
Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

Out: 141.079+/-0.000 χ^2/NDF:992205372524107 7

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

All: 139.354+/-0.000 χ^2/NDF: 299301426527

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -221.056+/-0.274 χ^2/NDF: 921962342.7/47

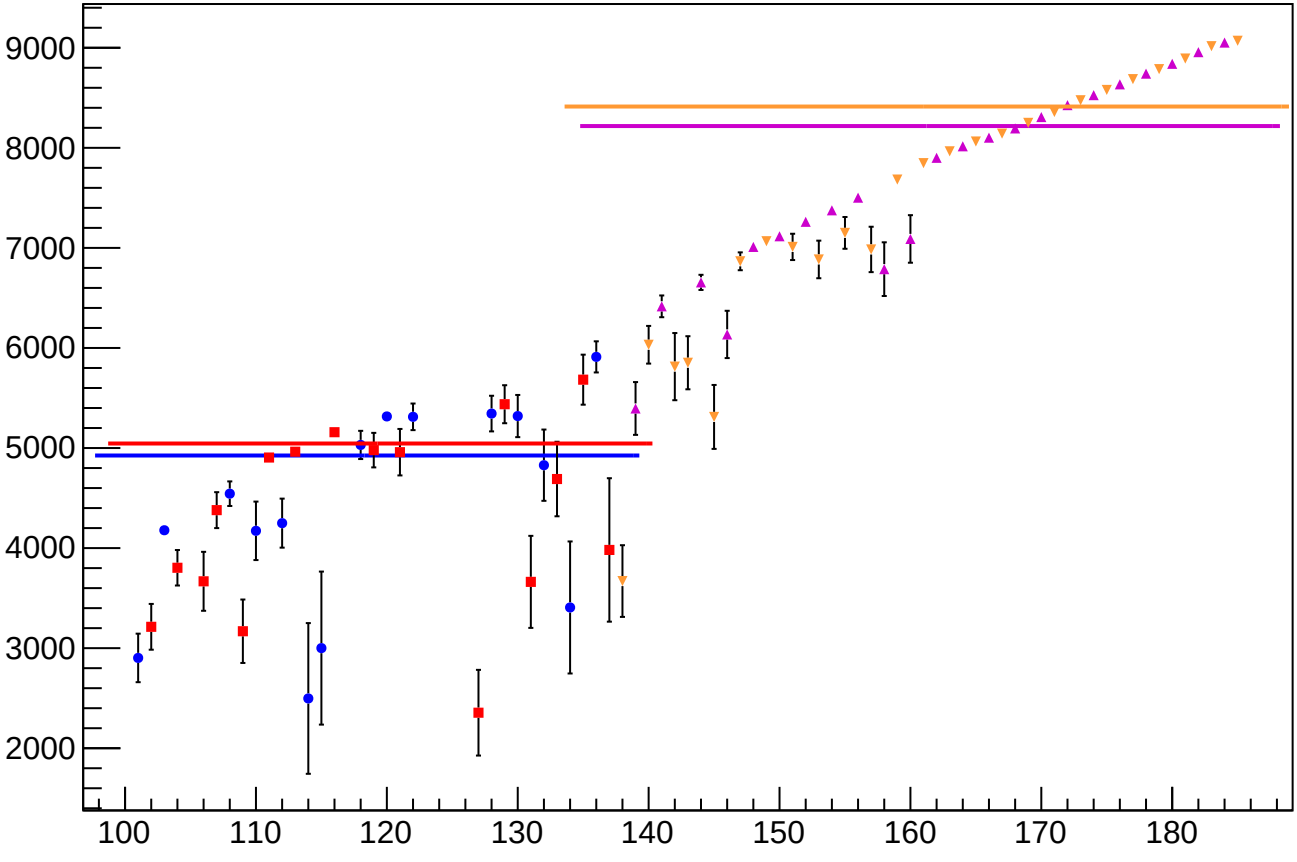
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4915.430+/-0.340 χ^2/NDF:302691560.4/40

All: -519.775+/-0.245 χ^2/NDF: 1003073907.0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8311.458+/-0.274 χ^2/NDF: 5206774.3/47

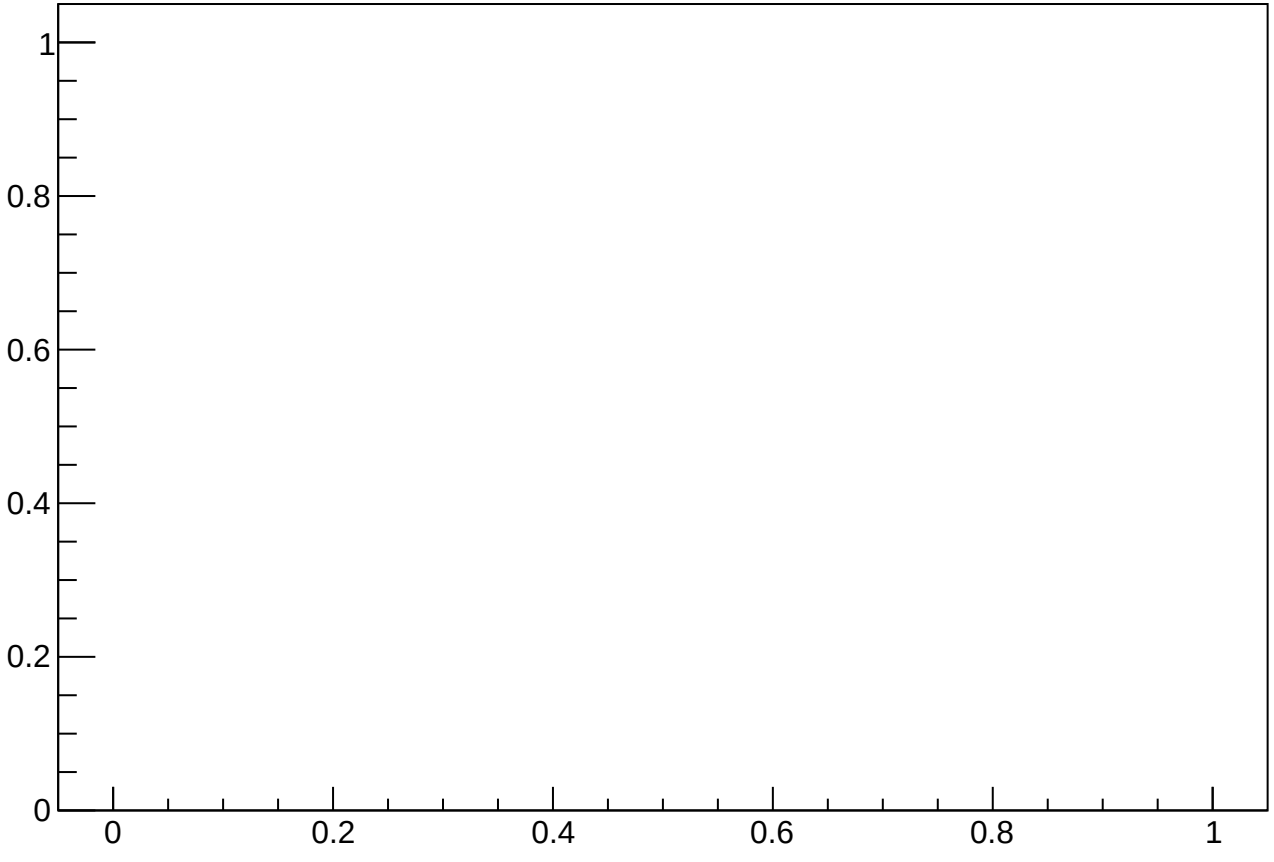
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7537.633+/-0.340 χ^2/NDF:20955273.2/40

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

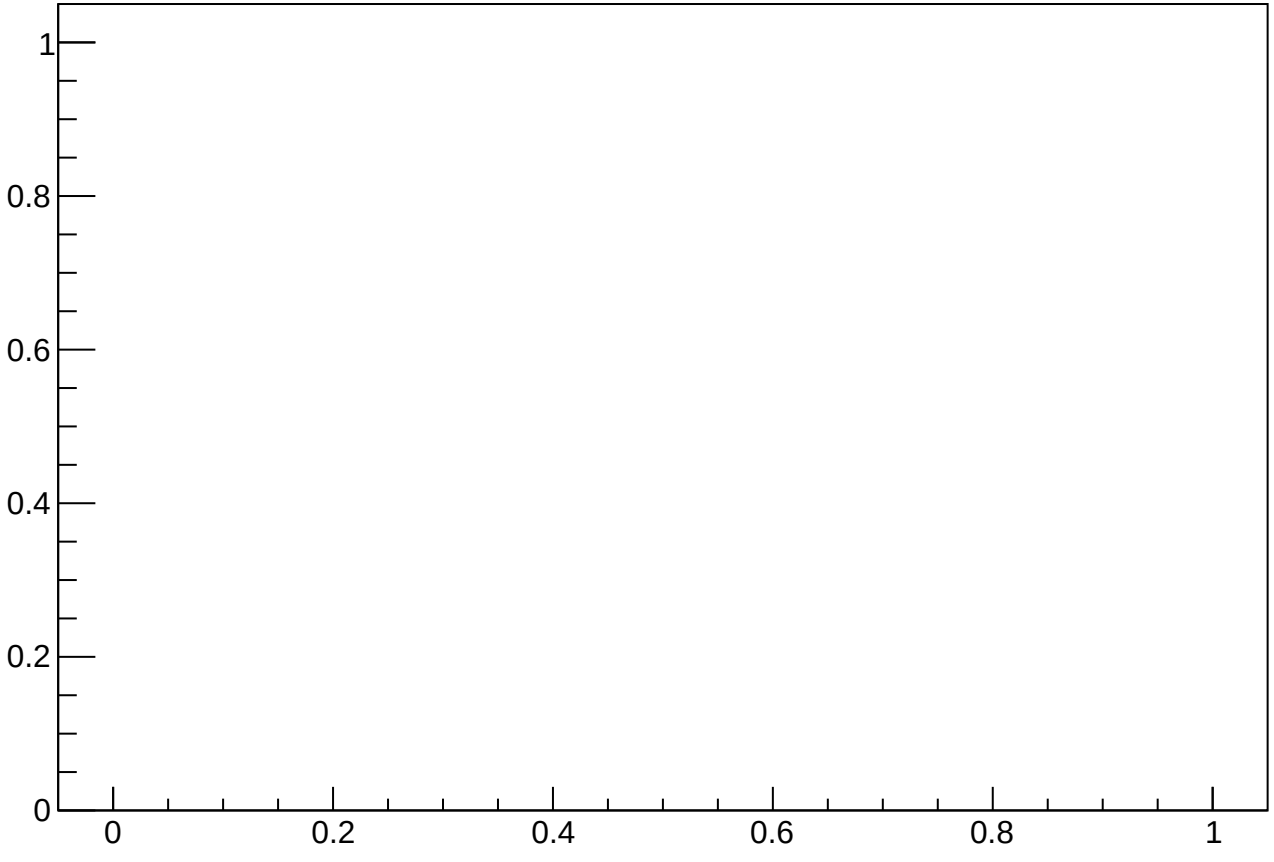
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

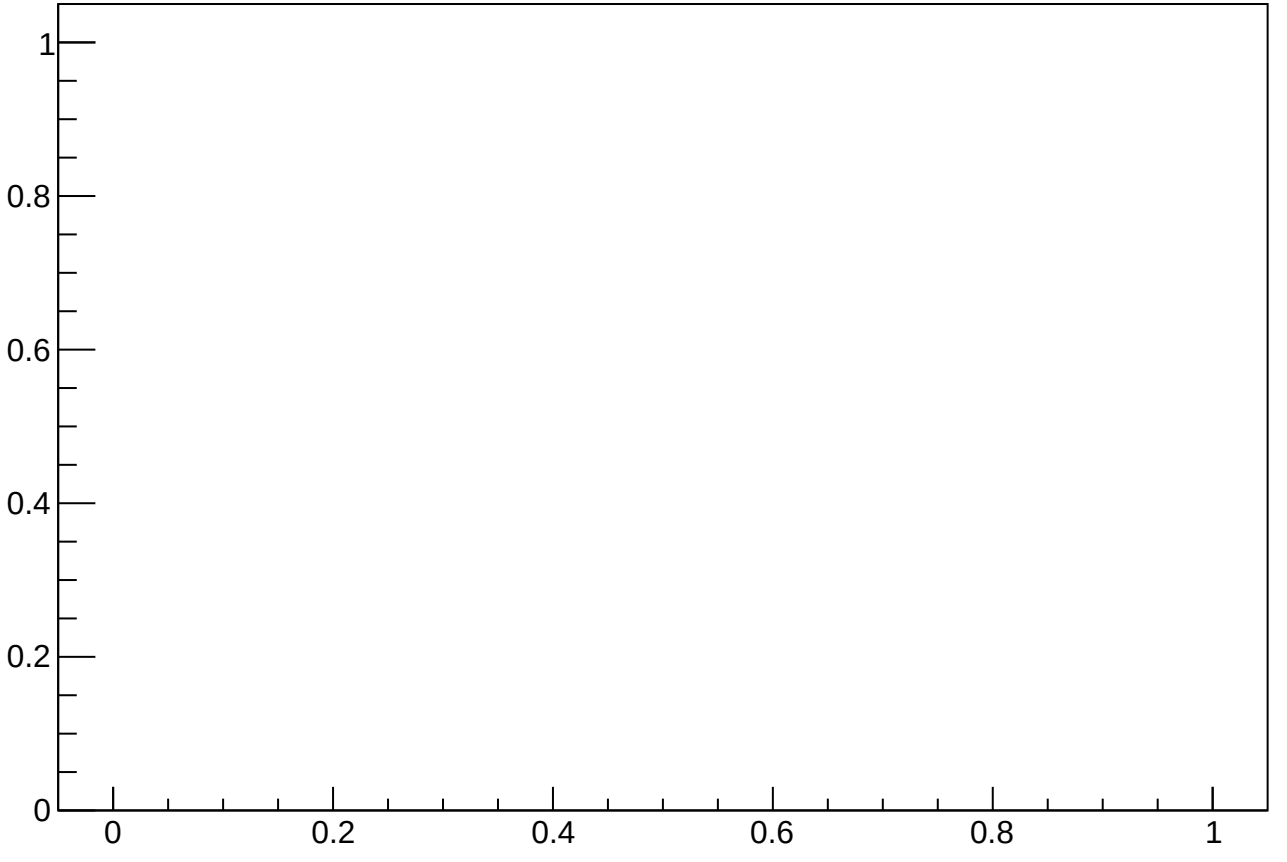
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

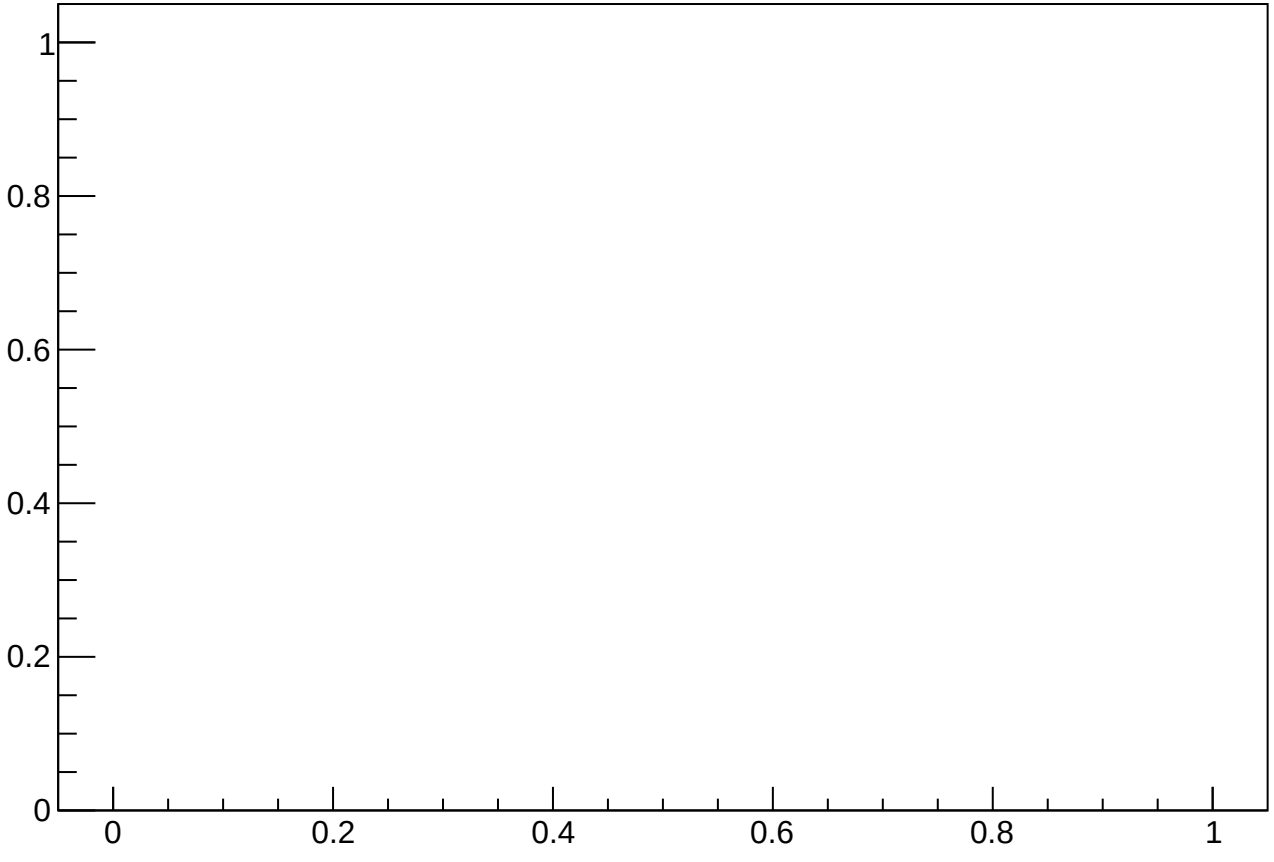
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

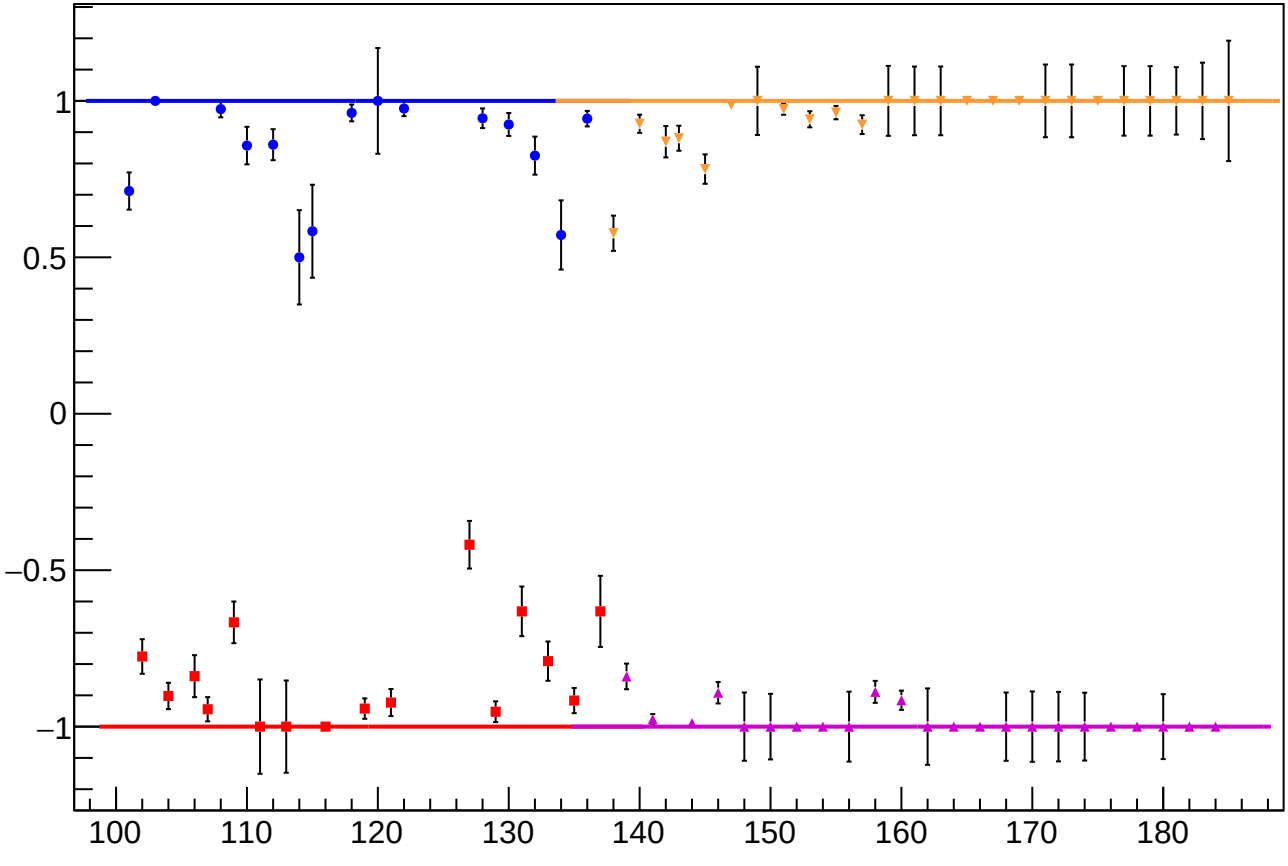
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

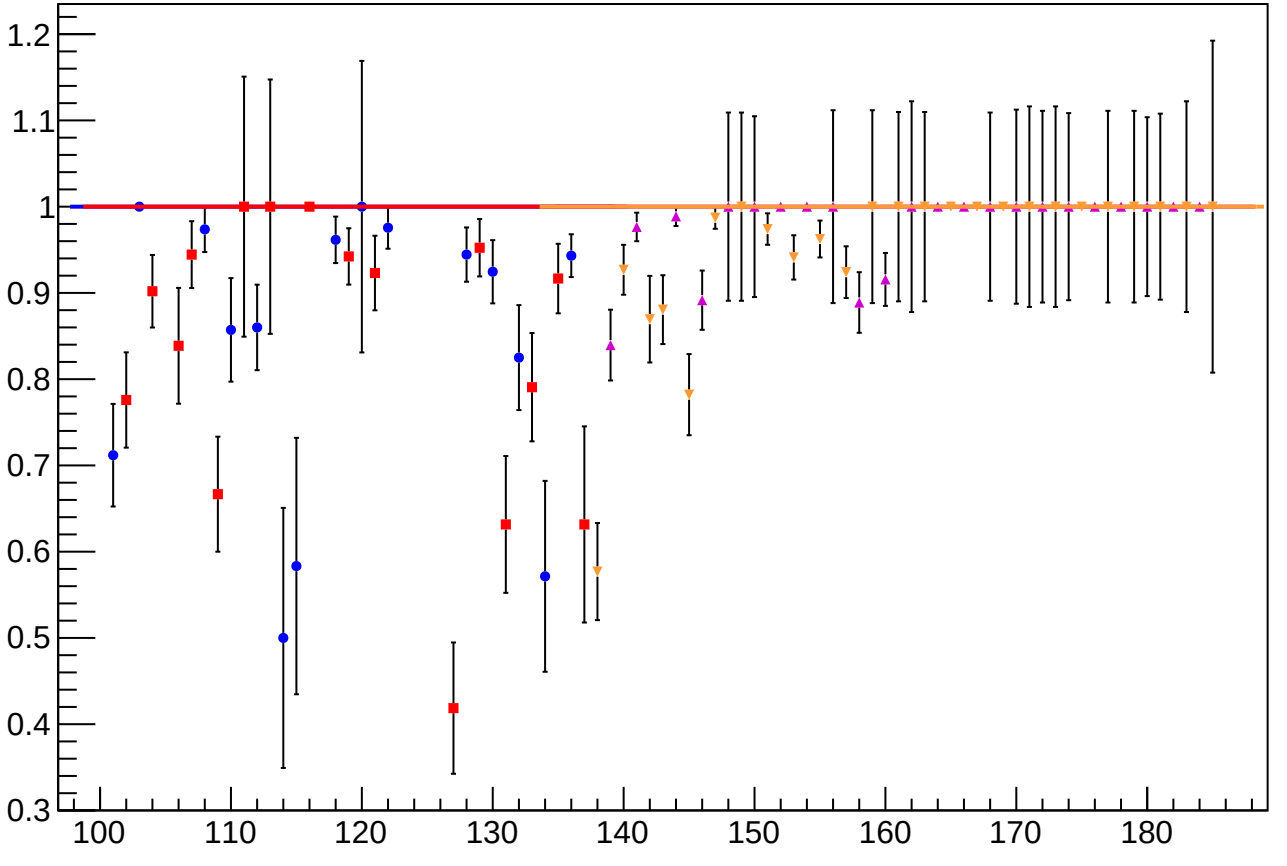
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/47

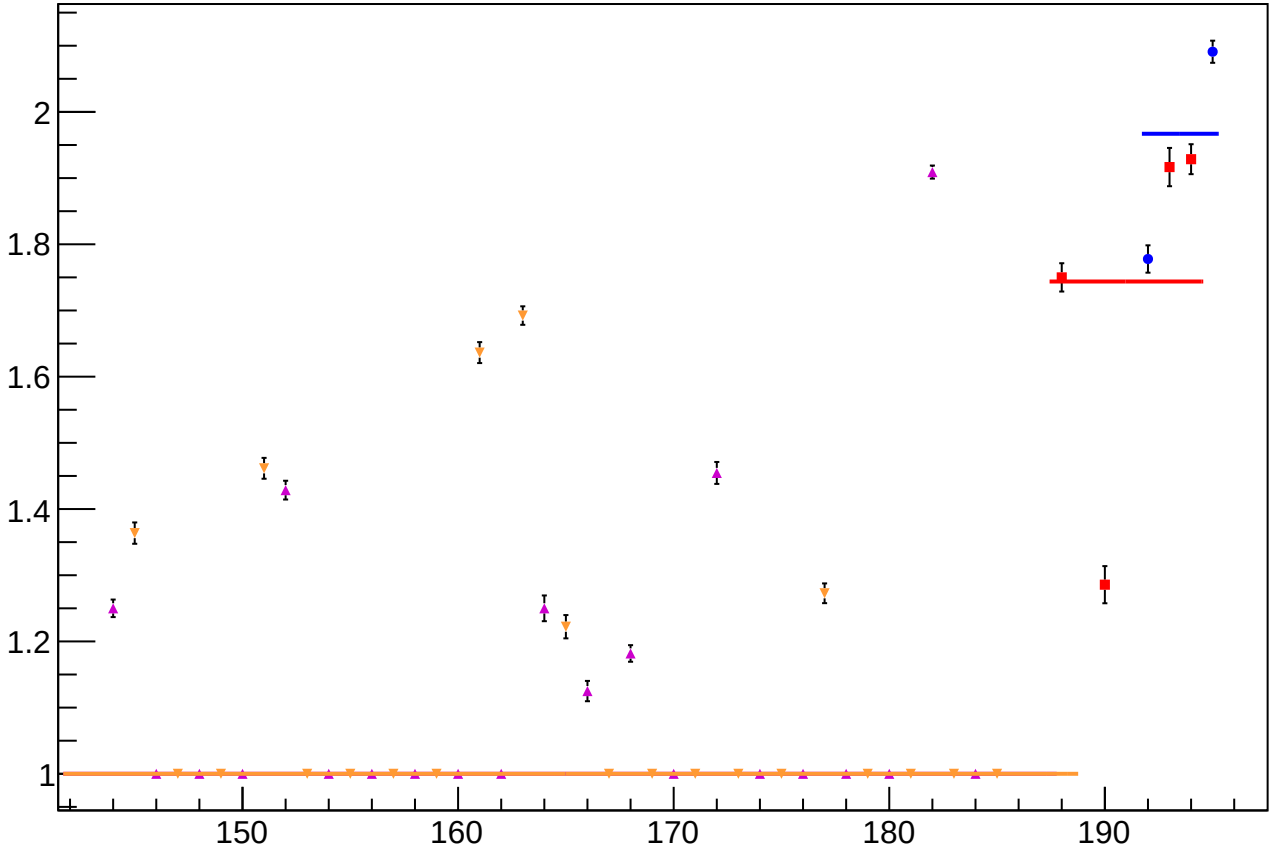
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/40

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.967+/-0.013 χ^2/NDF: 138.8/1

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.744+/-0.012 χ^2/NDF: 368.8/3

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

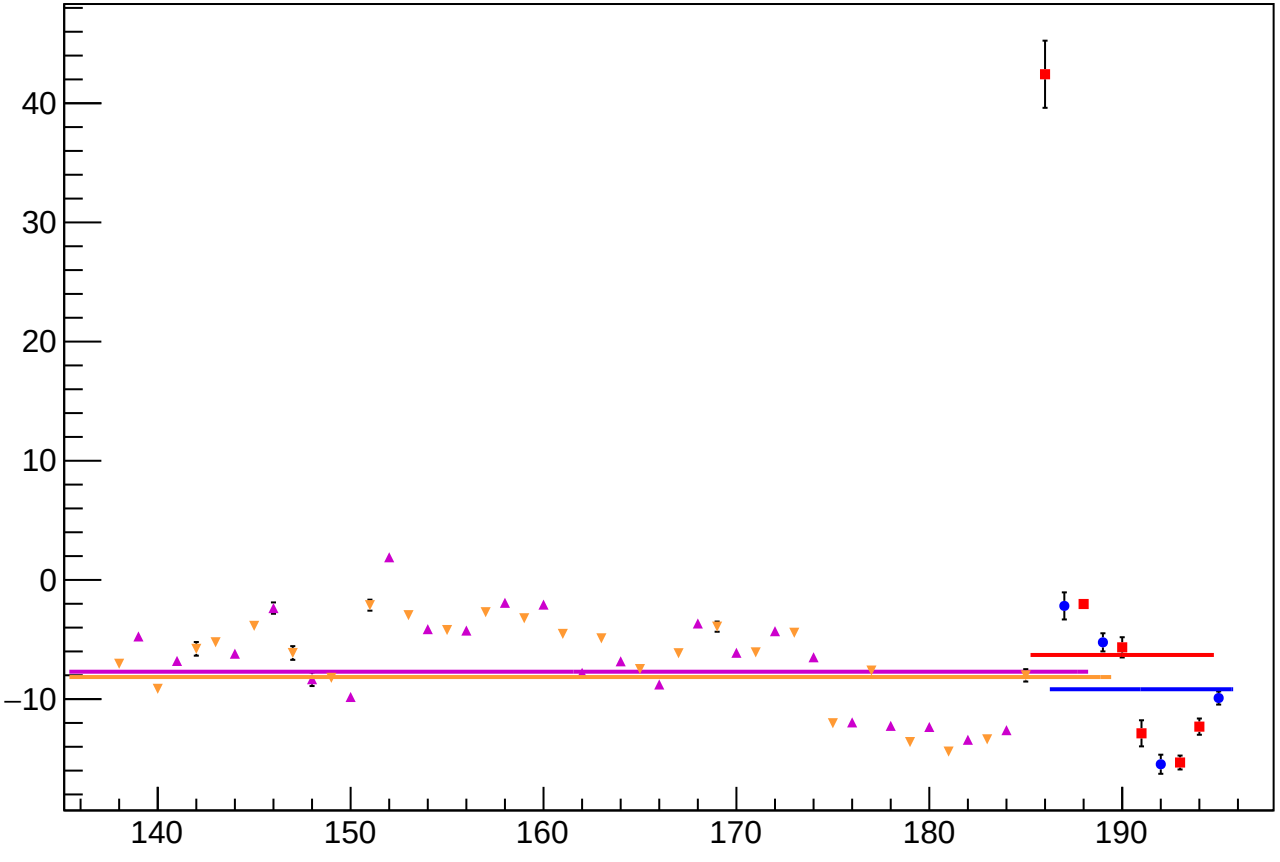
Right: 1.849+/-0.009 χ^2/NDF: 663.2/5

In: 1.000+/-0.000 χ^2/NDF:17763.5/22

Out: 1.000+/-0.000 χ^2/NDF:22639.1/24

All: 1.000+/-0.000 χ^2/NDF: 28811.1/47

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.173+/-0.369 χ^2/NDF: 128.2/3

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -6.296+/-0.248 χ^2/NDF: 814.4/5

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

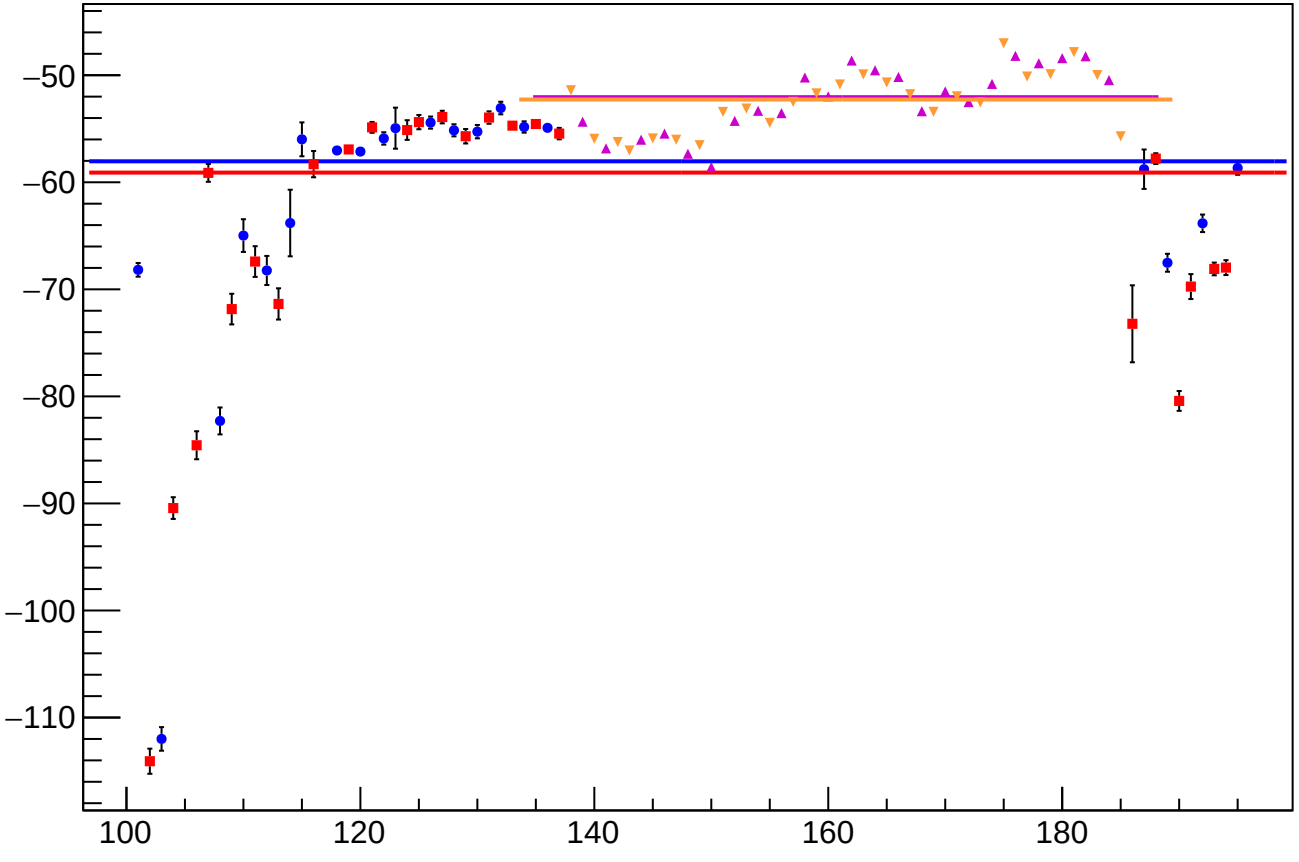
Right: -7.191+/-0.206 χ^2/NDF: 984.5/9

In: -7.751+/-0.067 χ^2/NDF:3880.8/26

Out: -8.021+/-0.065 χ^2/NDF:4479.6/30

All: -7.890+/-0.047 χ^2/NDF: 8368.7/57

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.042+/-0.134 χ^2/NDF: 3646.5/20

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.095+/-0.130 χ^2/NDF: 5476.5/23

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

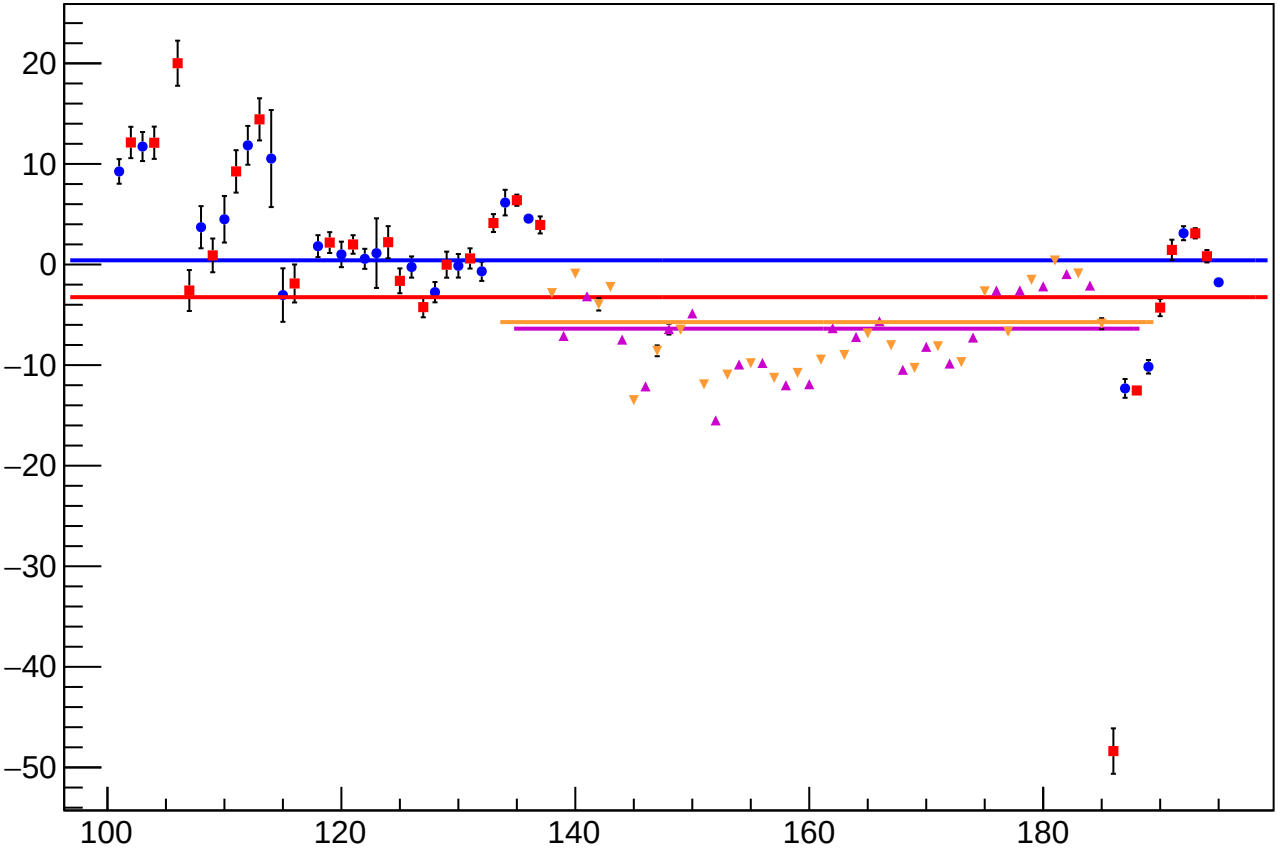
Right: -58.587+/-0.093 χ^2/NDF: 9155.0/44

In: -52.967+/-0.052 χ^2/NDF:8536.0/43

Out: -53.320+/-0.051 χ^2/NDF:10435.6/48

All: -53.150+/-0.036 χ^2/NDF: 18995.0/92

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.417+/-0.201 χ^2/NDF: 765.5/20

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -3.246+/-0.166 χ^2/NDF: 2725.4/23

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

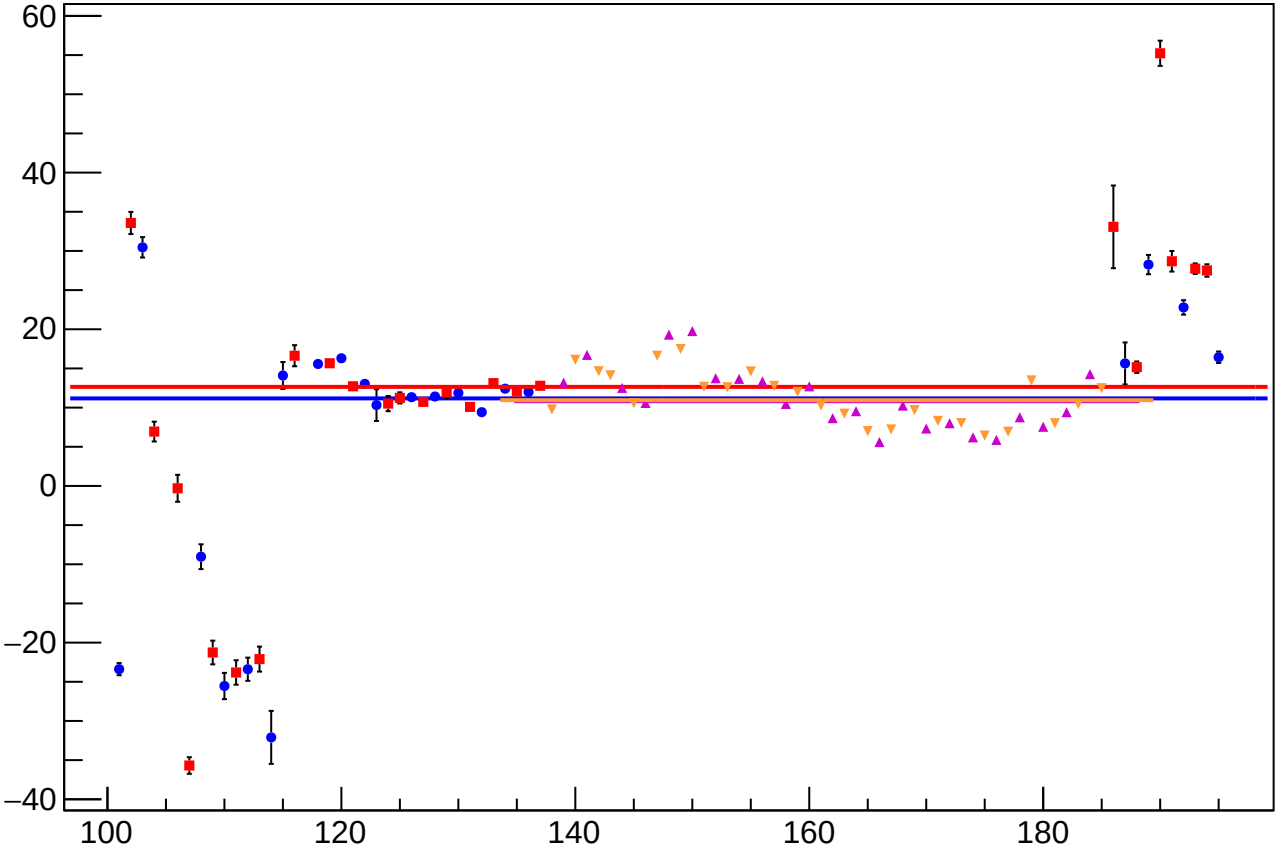
Right: -1.768+/-0.128 χ^2/NDF: 3688.4/44

In: -5.678+/-0.065 χ^2/NDF:5183.4/43

Out: -5.370+/-0.063 χ^2/NDF:6906.3/48

All: -5.519+/-0.045 χ^2/NDF: 12101.4/92

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.175+/-0.150 χ^2/NDF: 4148.3/20

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 12.647+/-0.148 χ^2/NDF: 5717.9/23

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

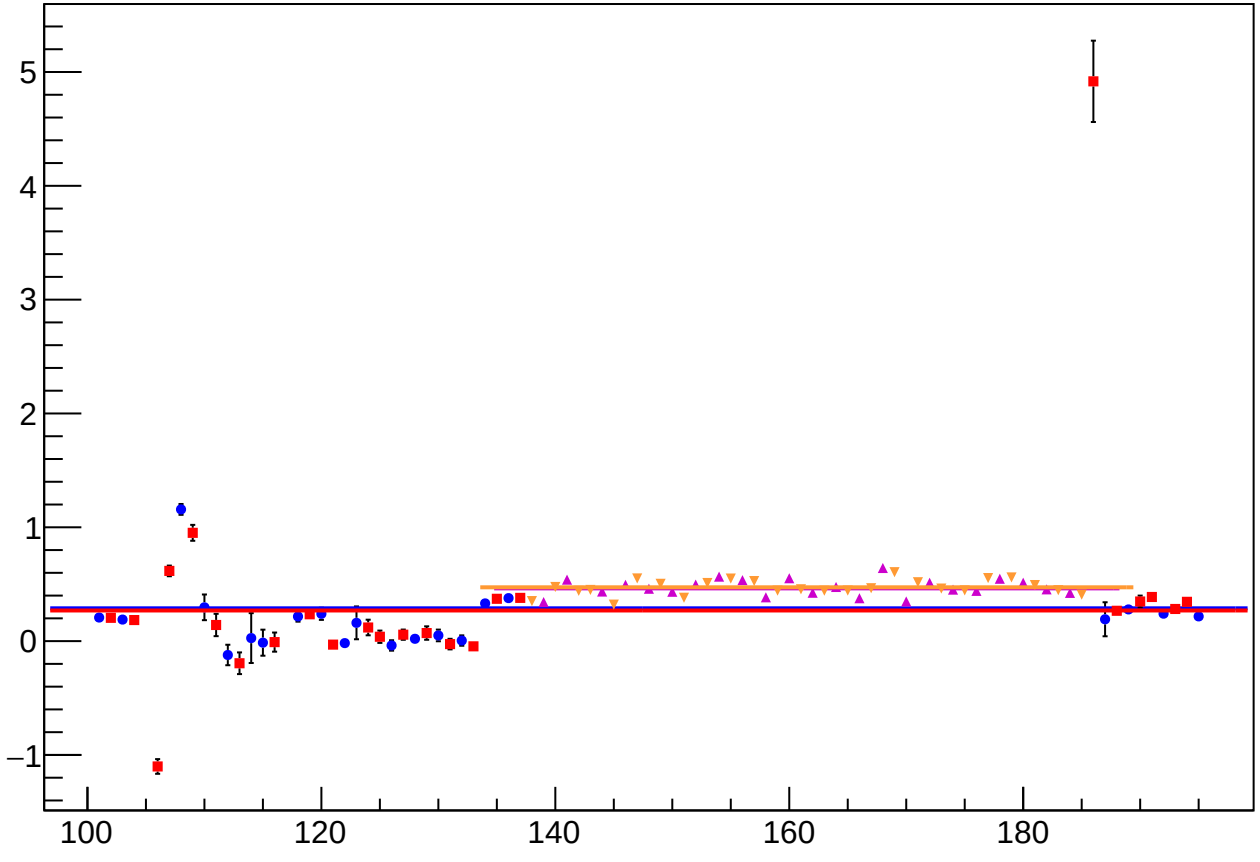
Right: 11.921+/-0.105 χ^2/NDF: 9915.1/44

In: 10.872+/-0.058 χ^2/NDF:7730.8/43

Out: 11.200+/-0.057 χ^2/NDF:8450.5/48

All: 11.040+/-0.041 χ^2/NDF: 16197.7/92

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.288+/-0.007 χ^2/NDF: 663.6/20

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.269+/-0.007 χ^2/NDF: 1153.9/23

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

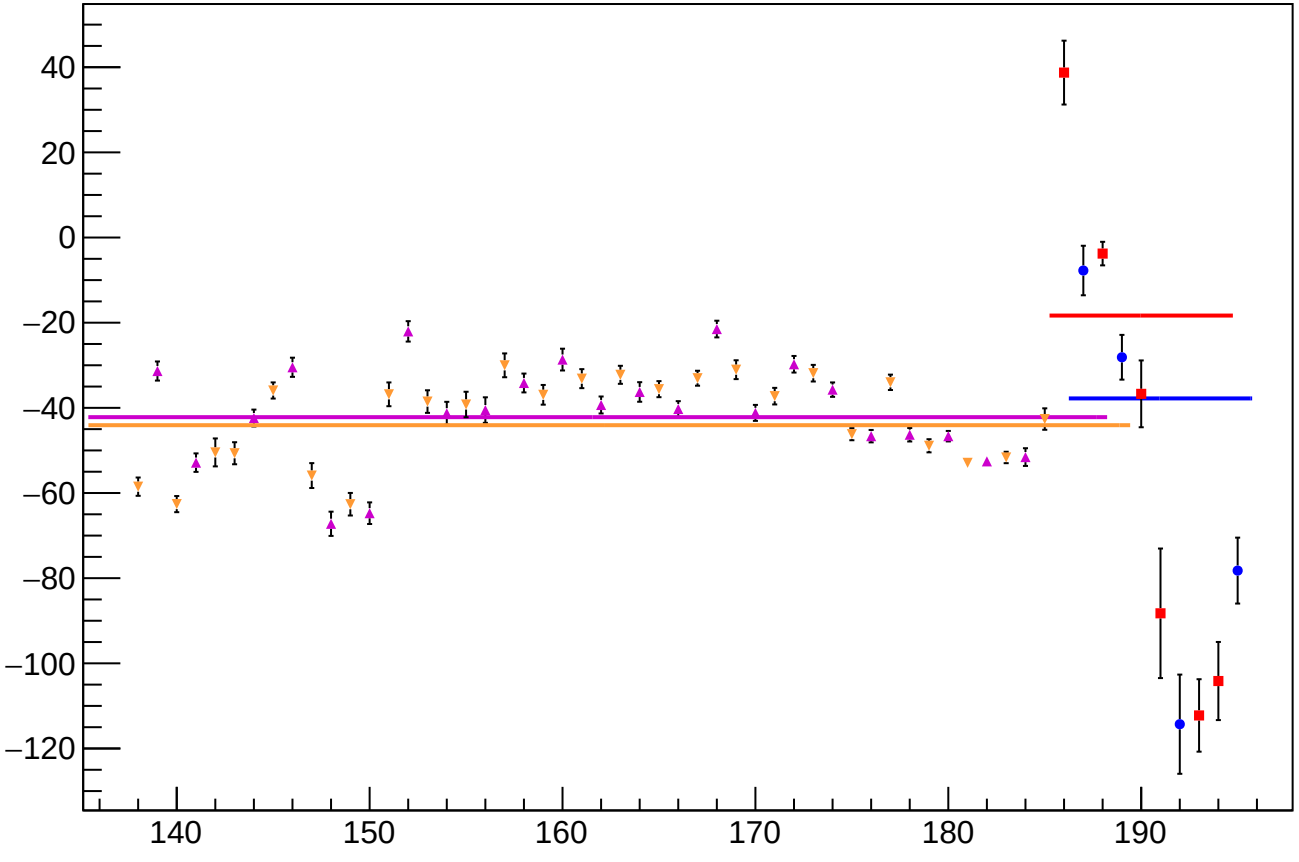
Right: 0.278+/-0.005 χ^2/NDF: 1821.0/44

In: 0.441+/-0.003 χ^2/NDF:1917.5/43

Out: 0.446+/-0.003 χ^2/NDF:2389.6/48

All: 0.444+/-0.002 χ^2/NDF: 4308.5/92

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.786+/-3.336 χ^2/NDF: 100.5/3

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -18.326+/-2.266 χ^2/NDF: 321.6/5

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

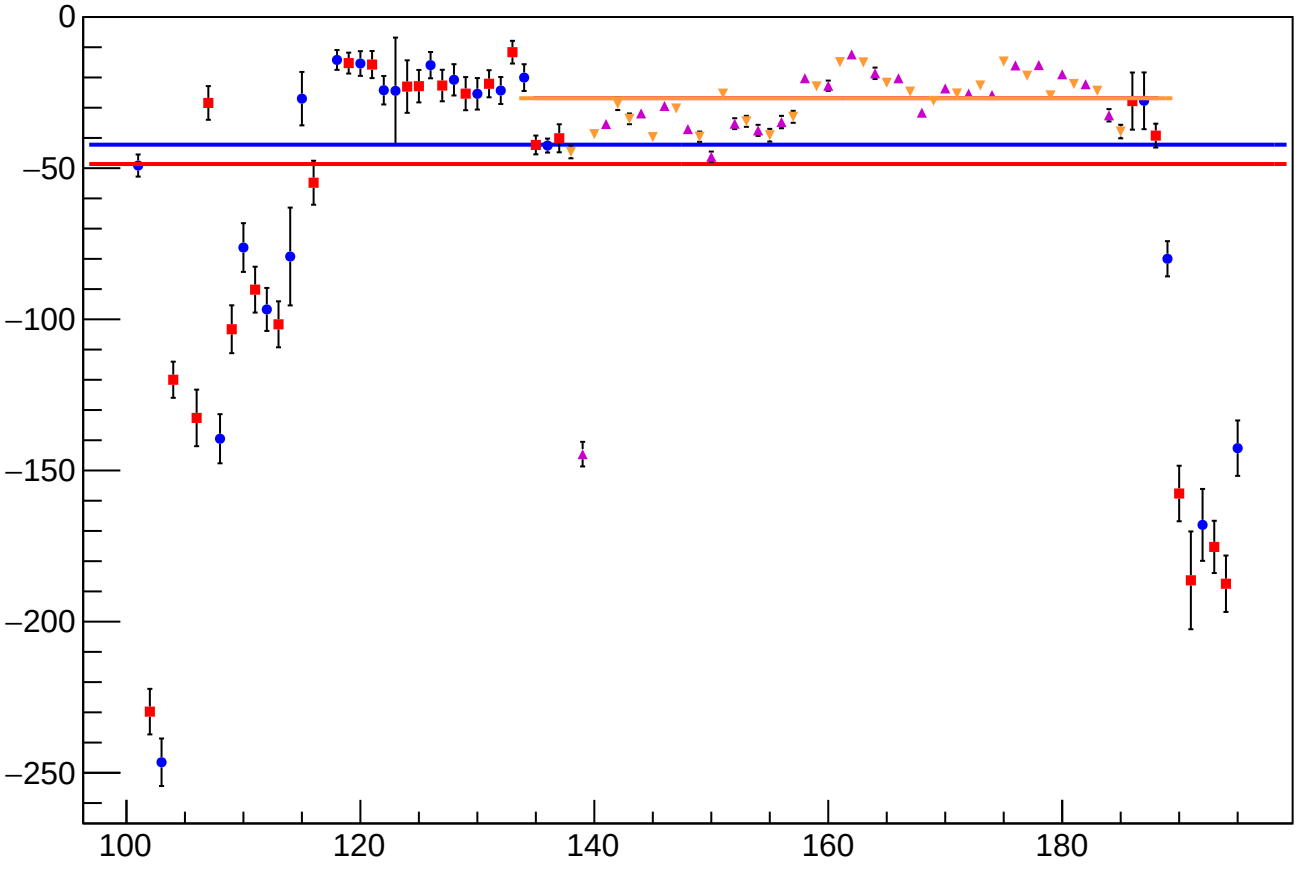
Right: -24.469+/-1.874 χ^2/NDF: 445.3/9

In: -42.124+/-0.395 χ^2/NDF:753.2/26

Out: -43.336+/-0.384 χ^2/NDF:1079.8/30

All: -42.747+/-0.275 χ^2/NDF: 1837.9/57

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.229+/-1.095 χ^2/NDF: 1420.8/20

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -48.630+/-1.120 χ^2/NDF: 1962.1/23

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

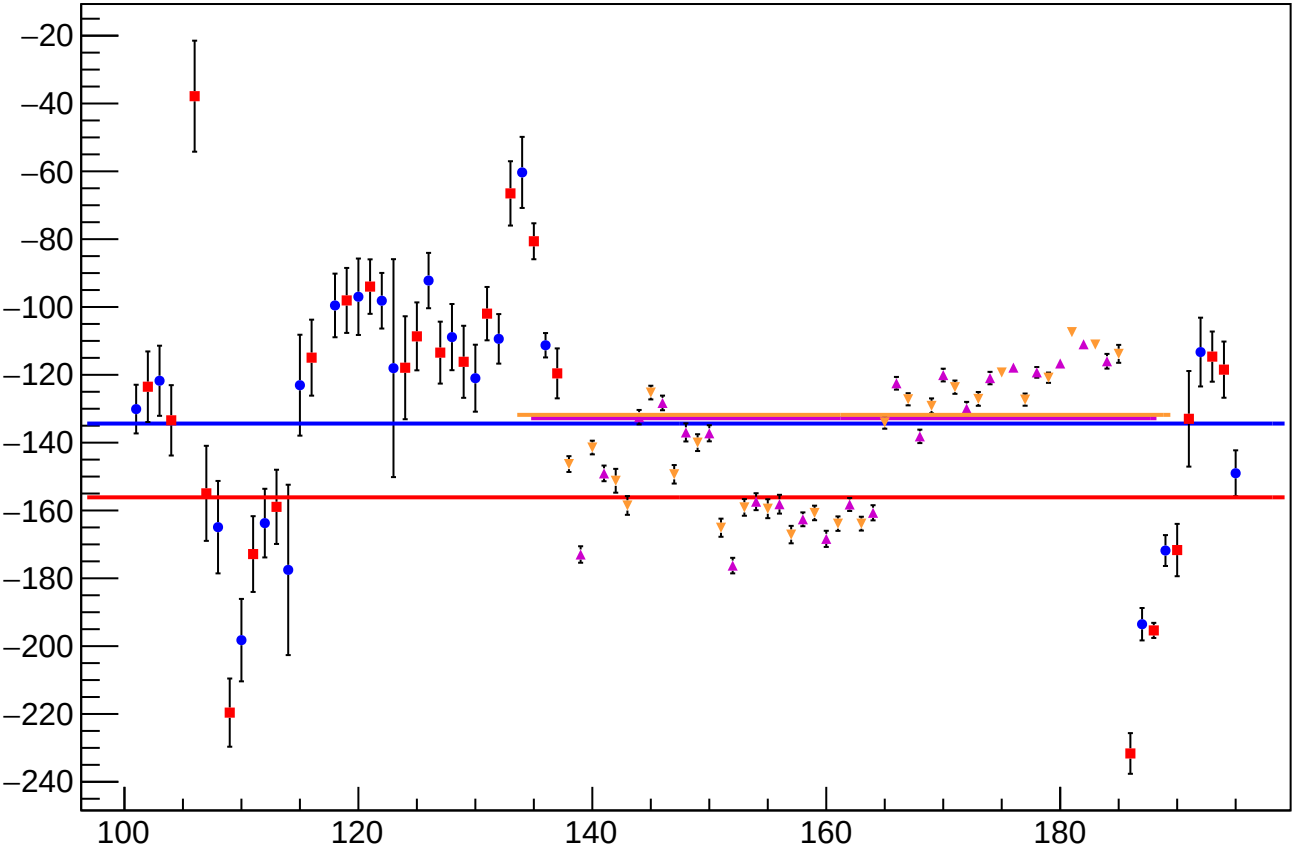
Right: -45.359+/-0.783 χ^2/NDF: 3399.6/44

In: -28.075+/-0.312 χ^2/NDF:3084.1/43

Out: -28.481+/-0.305 χ^2/NDF:2940.9/48

All: -28.283+/-0.218 χ^2/NDF: 6025.8/92

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -134.370+/-1.675 χ^2/NDF: 459.0/20

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -156.124+/-1.431 χ^2/NDF: 1175.4/23

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

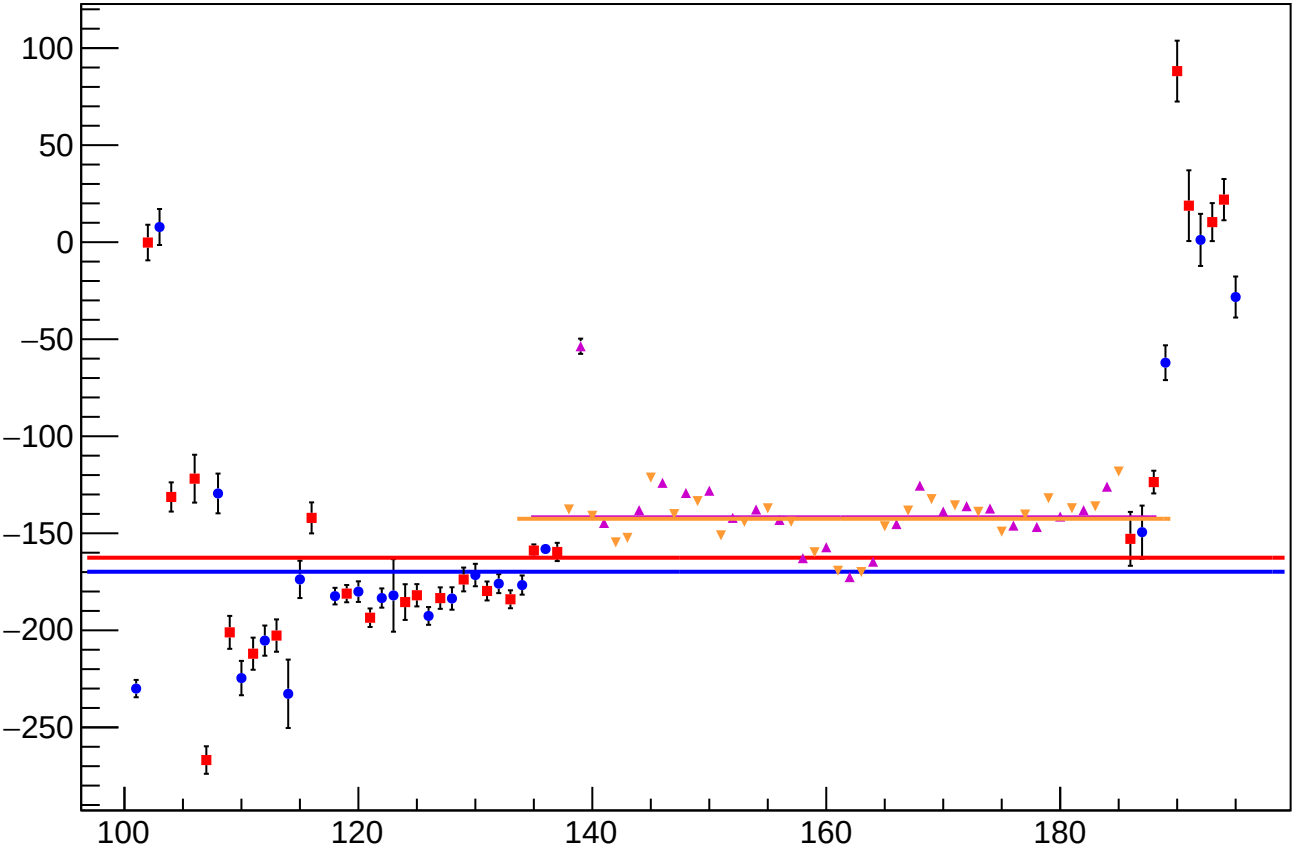
Right: -146.943+/-1.088 χ^2/NDF: 1731.9/44

In: -132.883+/-0.387 χ^2/NDF:2975.7/43

Out: -133.502+/-0.378 χ^2/NDF:3860.9/48

All: -133.200+/-0.271 χ^2/NDF: 6838.0/92

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -169.807+/-1.236 χ^2/NDF: 1202.6/20

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -162.582+/-1.287 χ^2/NDF: 1786.2/23

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

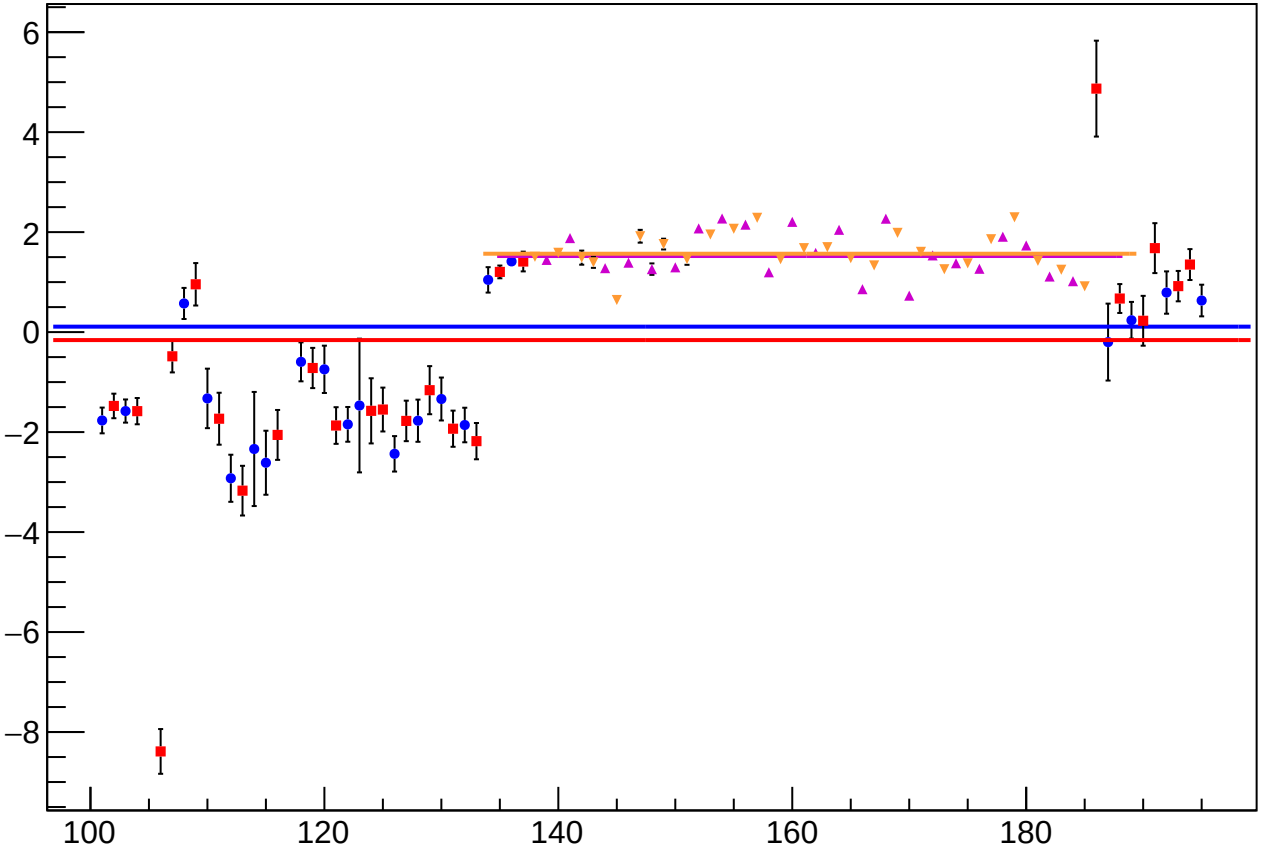
Right: -166.340+/-0.891 χ^2/NDF: 3005.2/44

In: -143.992+/-0.348 χ^2/NDF:3280.8/43

Out: -143.934+/-0.342 χ^2/NDF:3156.3/48

All: -143.963+/-0.244 χ^2/NDF: 6437.1/92

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.109+/-0.064 χ^2/NDF: 532.1/20

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.160+/-0.065 χ^2/NDF: 841.9/23

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

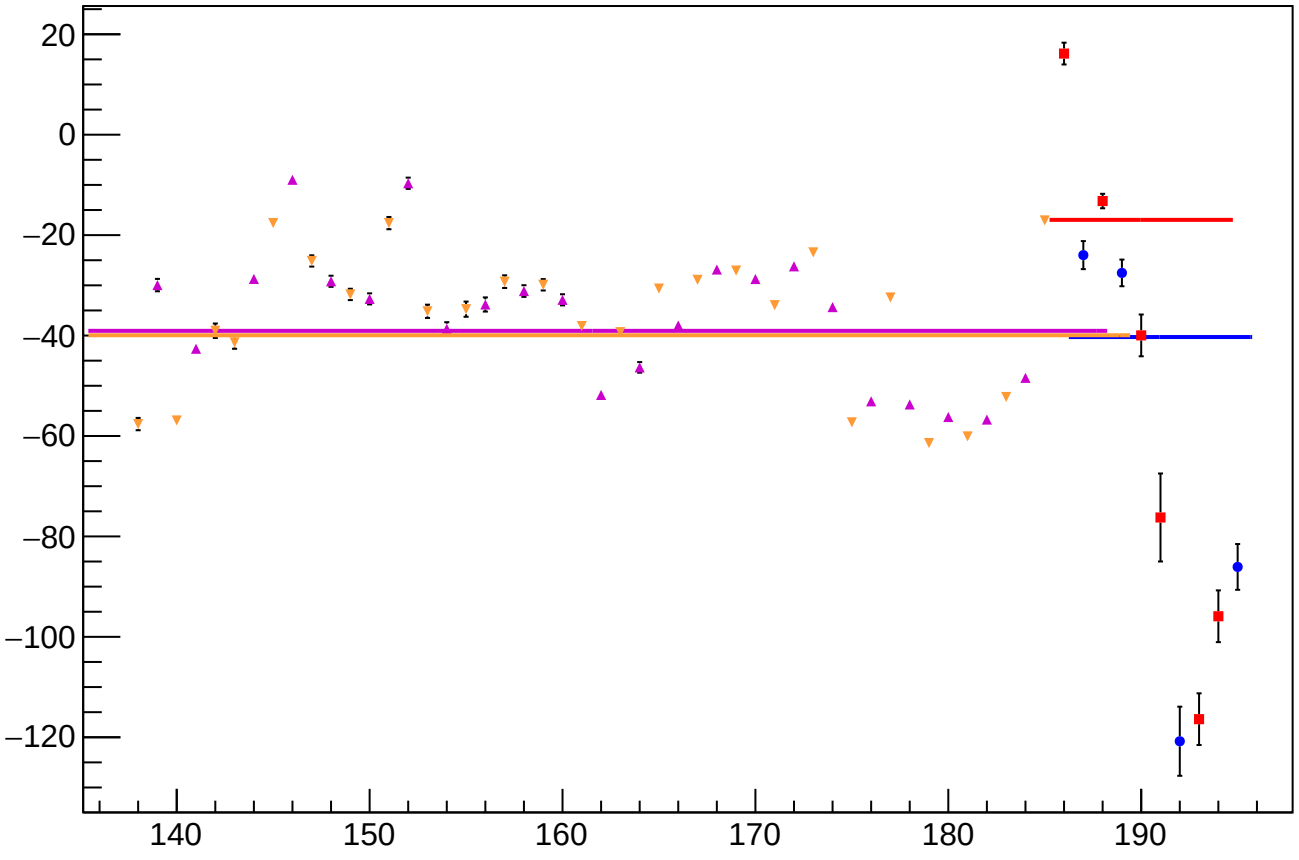
Right: -0.023+/-0.045 χ^2/NDF: 1382.9/44

In: 1.433+/-0.016 χ^2/NDF:1734.5/43

Out: 1.466+/-0.016 χ^2/NDF:2054.7/48

All: 1.450+/-0.011 χ^2/NDF: 3791.3/92

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.295+/-1.717 χ^2/NDF: 295.0/3

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -16.960+/-1.091 χ^2/NDF: 923.3/5

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

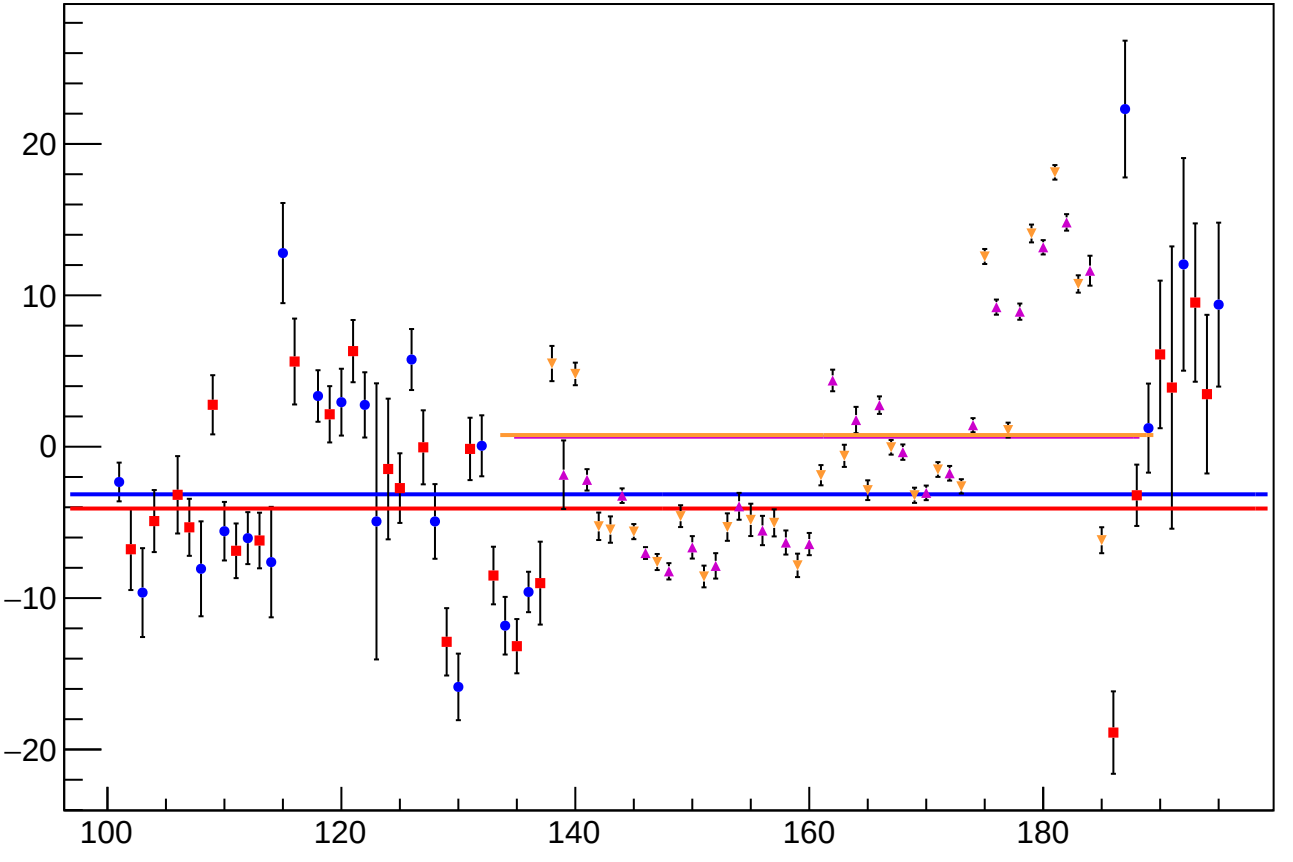
Right: -23.672+/-0.921 χ^2/NDF: 1349.9/9

In: -39.070+/-0.153 χ^2/NDF:8872.5/26

Out: -39.497+/-0.152 χ^2/NDF:11164.8/30

All: -39.285+/-0.108 χ^2/NDF: 20041.2/57

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.144+/-0.482 χ^2/NDF: 210.8/20

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -4.084+/-0.477 χ^2/NDF: 167.0/23

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

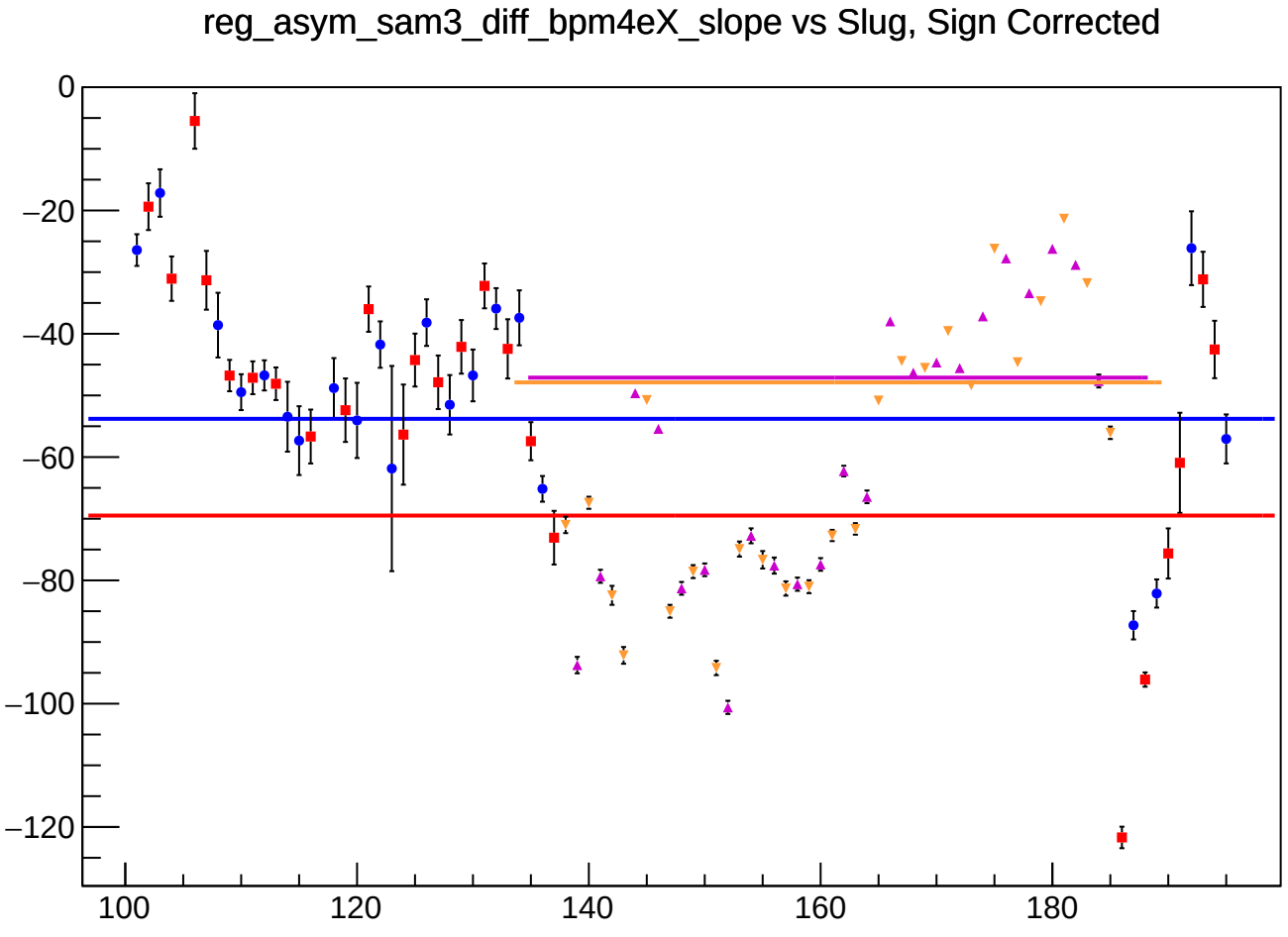
Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

Right: -3.619+/-0.339 χ^2/NDF: 379.7/44

In: 0.426+/-0.120 χ^2/NDF:3610.1/43

Out: 0.462+/-0.120 χ^2/NDF:4216.8/48

All: 0.444+/-0.085 χ^2/NDF: 7827.0/92



Right In: -53.794+/-0.754 χ^2/NDF: 715.5/20

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -69.489+/-0.628 χ^2/NDF: 2658.6/23

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

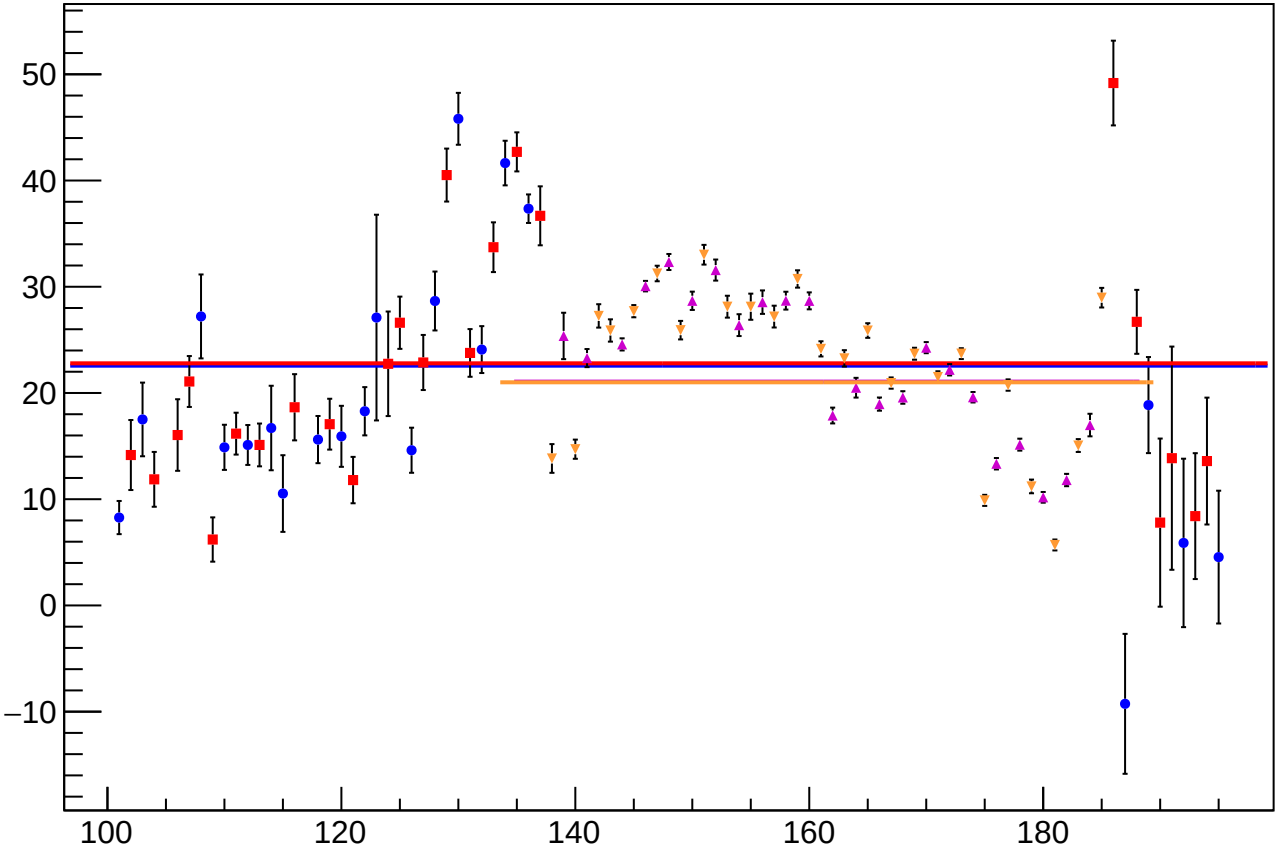
Right: -63.060+/-0.482 χ^2/NDF: 3630.1/44

In: -47.383+/-0.152 χ^2/NDF:16445.7/43

Out: -49.127+/-0.150 χ^2/NDF:20482.1/48

All: -48.262+/-0.107 χ^2/NDF: 36994.5/92

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.572+/-0.546 χ^2/NDF: 498.8/20

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.793+/-0.550 χ^2/NDF: 426.4/23

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

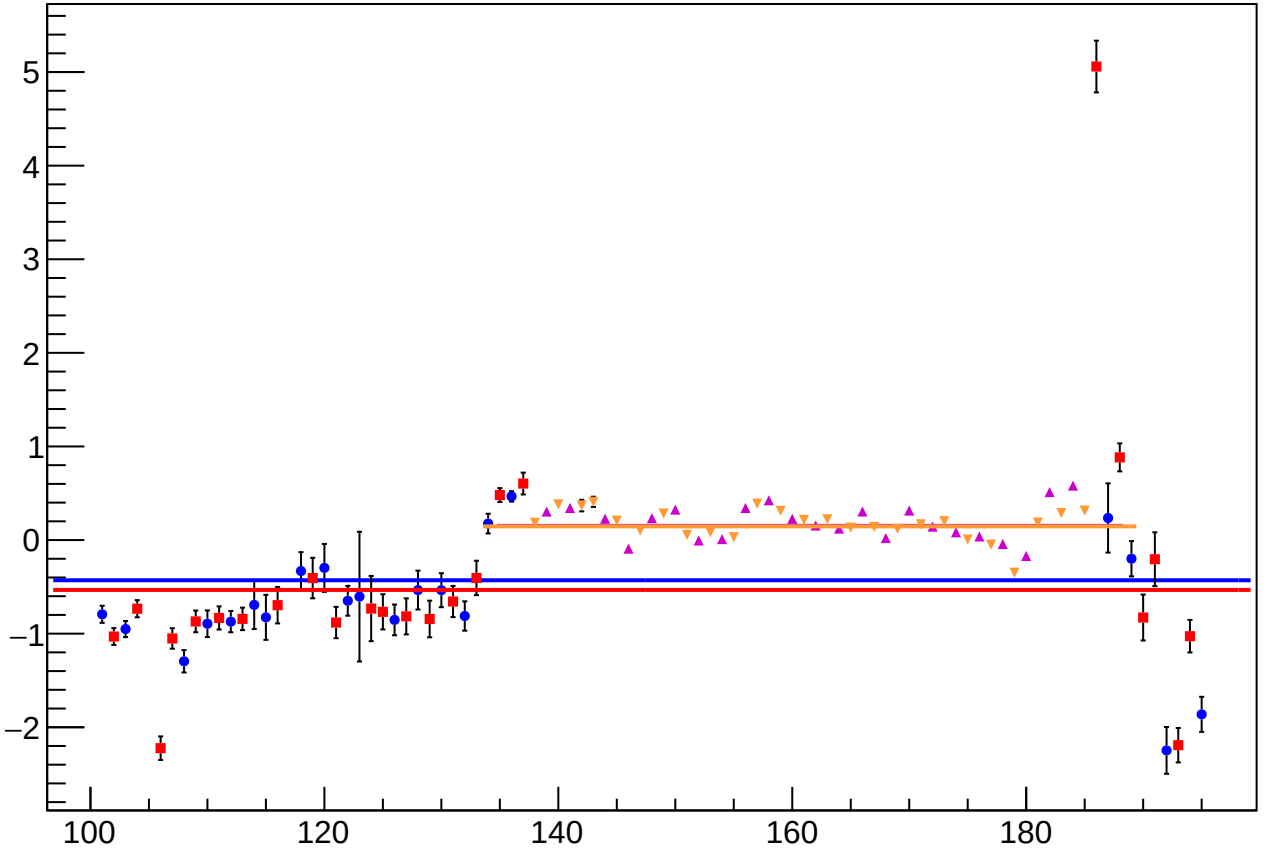
Right: 22.681+/-0.388 χ^2/NDF: 925.2/44

In: 21.160+/-0.135 χ^2/NDF:2682.6/43

Out: 21.112+/-0.135 χ^2/NDF:3225.8/48

All: 21.136+/-0.095 χ^2/NDF: 5908.5/92

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.430+/-0.029 χ^2/NDF: 556.2/20

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.533+/-0.028 χ^2/NDF: 1147.2/23

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

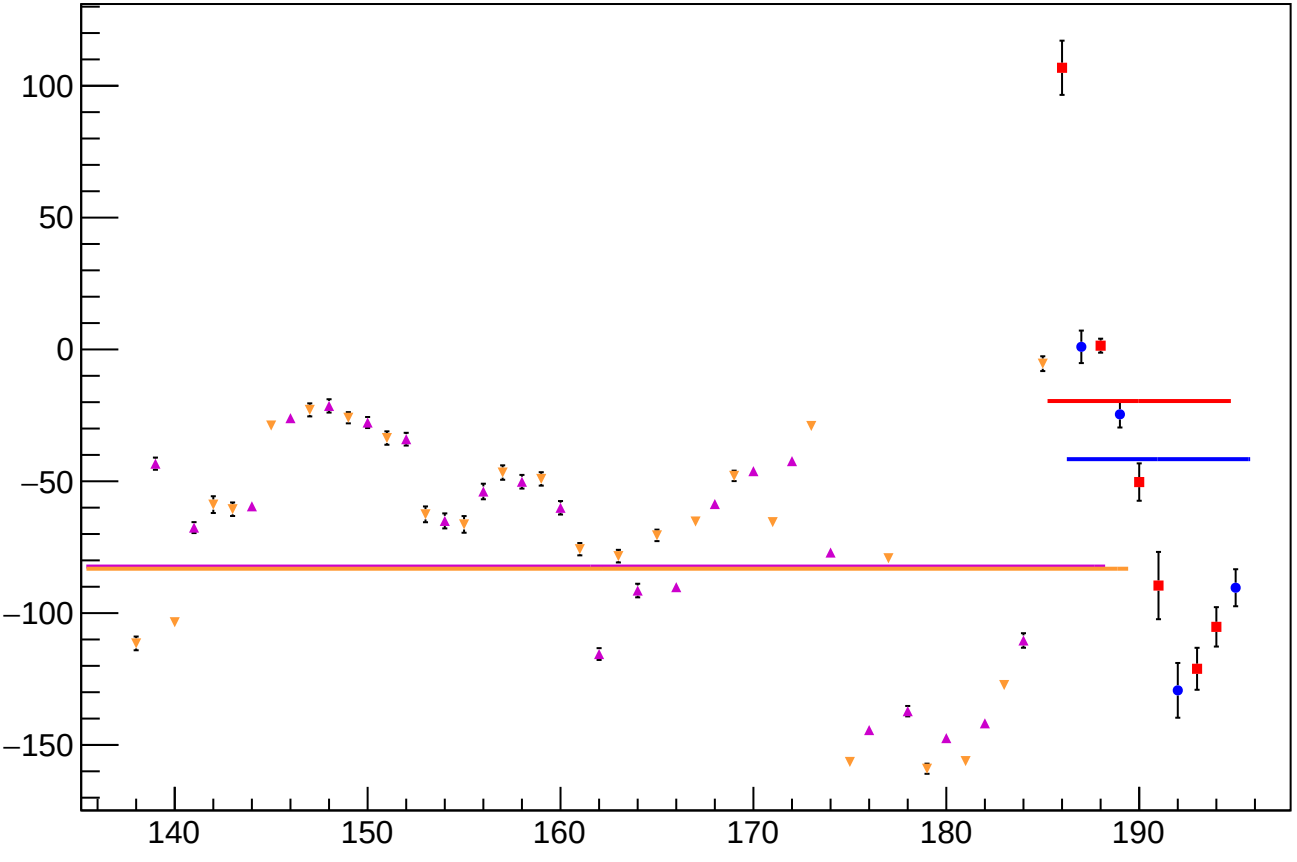
Right: -0.482+/-0.020 χ^2/NDF: 1709.9/44

In: 0.125+/-0.006 χ^2/NDF:1812.0/43

Out: 0.114+/-0.006 χ^2/NDF:2302.5/48

All: 0.119+/-0.004 χ^2/NDF: 4116.0/92

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.612+/-3.228 χ^2/NDF: 178.9/3

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -19.566+/-2.176 χ^2/NDF: 556.8/5

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

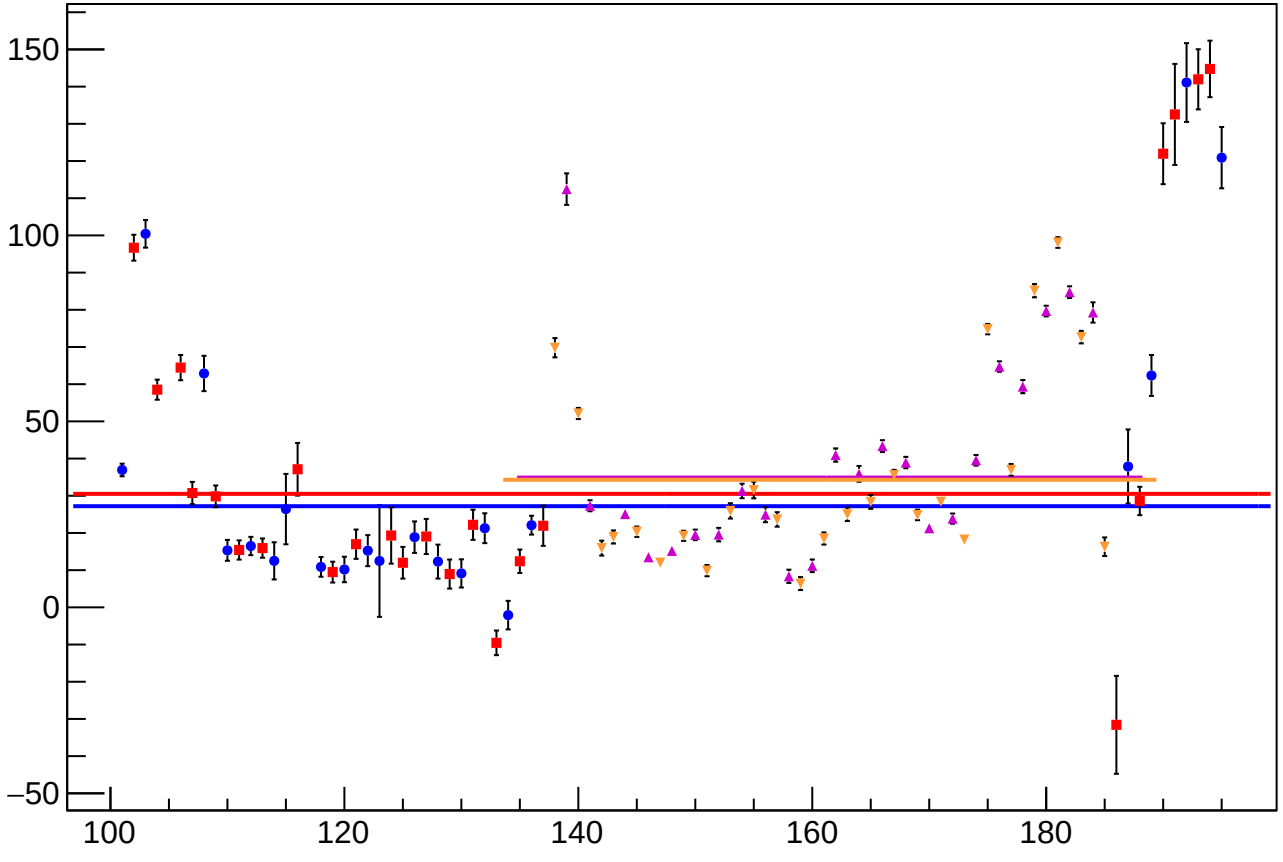
Right: -26.451+/-1.804 χ^2/NDF: 767.8/9

In: -81.686+/-0.410 χ^2/NDF:11290.5/26

Out: -81.011+/-0.400 χ^2/NDF:15176.7/30

All: -81.341+/-0.286 χ^2/NDF: 26468.6/57

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.197+/-0.784 χ^2/NDF: 986.3/20

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 30.518+/-0.780 χ^2/NDF: 1566.0/23

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

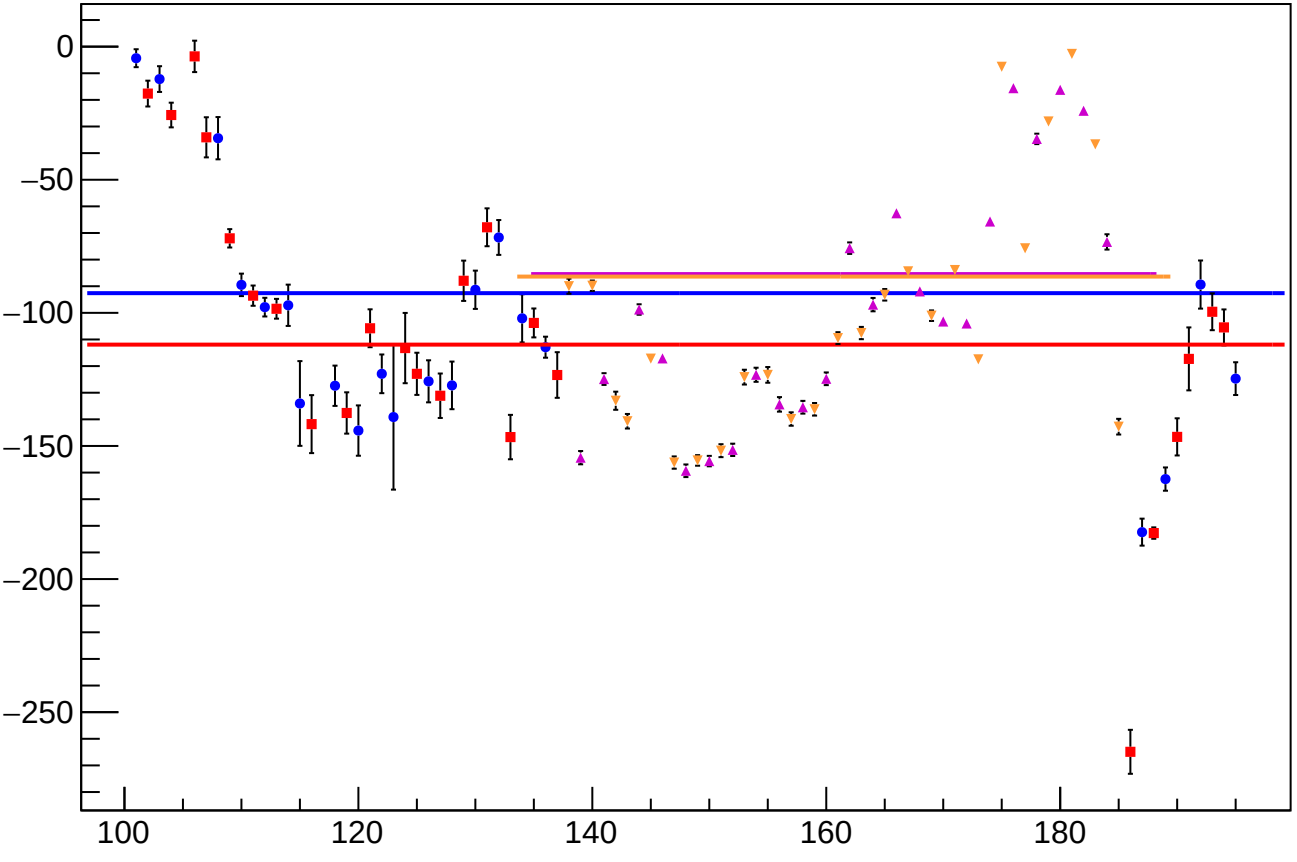
Right: 28.866+/-0.553 χ^2/NDF: 2561.3/44

In: 33.746+/-0.303 χ^2/NDF:5822.8/43

Out: 33.757+/-0.297 χ^2/NDF:7749.9/48

All: 33.752+/-0.212 χ^2/NDF: 13572.7/92

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -92.601+/-1.259 χ^2/NDF: 1764.8/20

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -111.933+/-1.089 χ^2/NDF: 2896.0/23

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

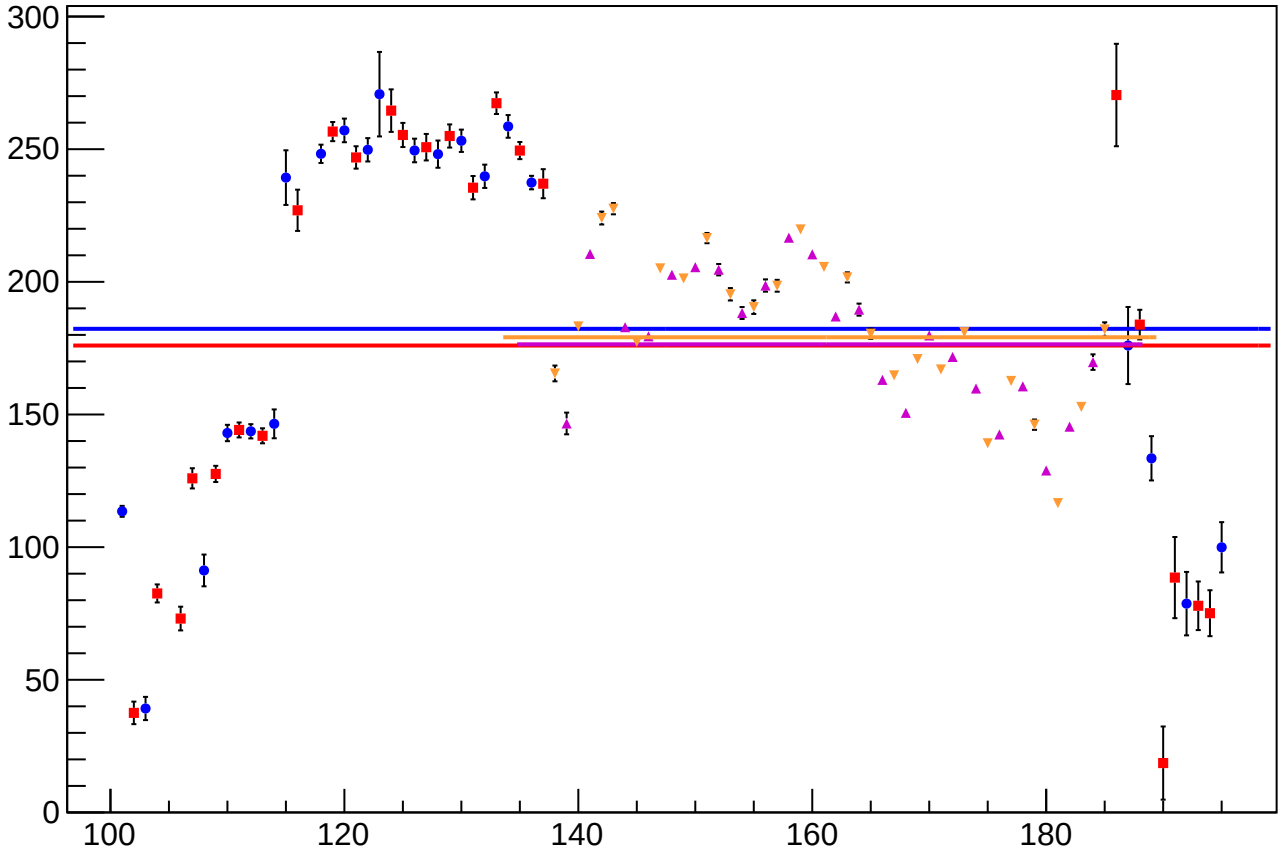
Right: -103.657+/-0.823 χ^2/NDF: 4795.7/44

In: -86.137+/-0.393 χ^2/NDF:14792.9/43

Out: -89.537+/-0.383 χ^2/NDF:17813.7/48

All: -87.879+/-0.274 χ^2/NDF: 32645.0/92

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 182.292+/-0.900 χ^2/NDF: 5590.6/20

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 175.996+/-0.900 χ^2/NDF: 6612.2/23

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

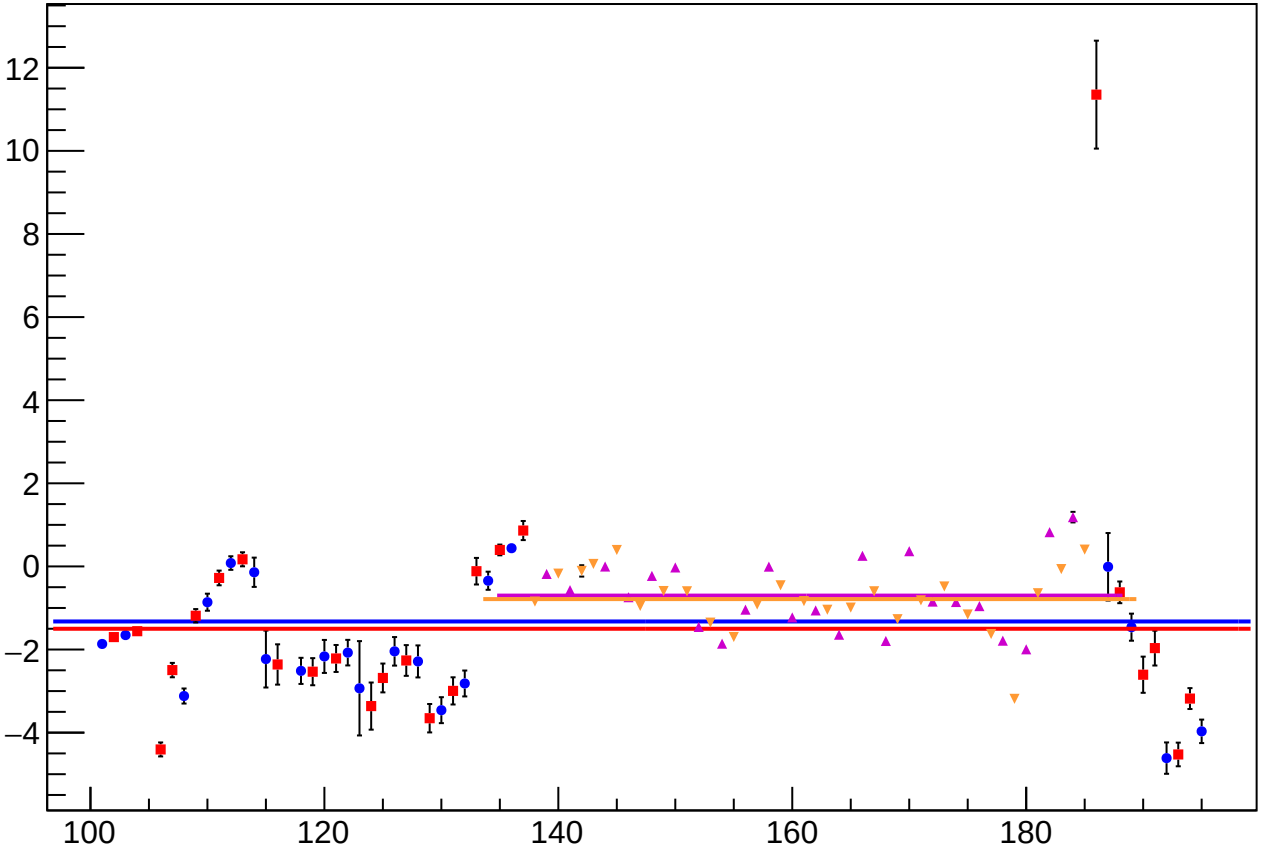
Right: 179.143+/-0.636 χ^2/NDF: 12227.3/44

In: 177.293+/-0.342 χ^2/NDF:10068.7/43

Out: 178.674+/-0.336 χ^2/NDF:12500.0/48

All: 177.995+/-0.240 χ^2/NDF: 22577.0/92

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.325+/-0.046 χ^2/NDF: 796.5/20

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.500+/-0.044 χ^2/NDF: 1203.5/23

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

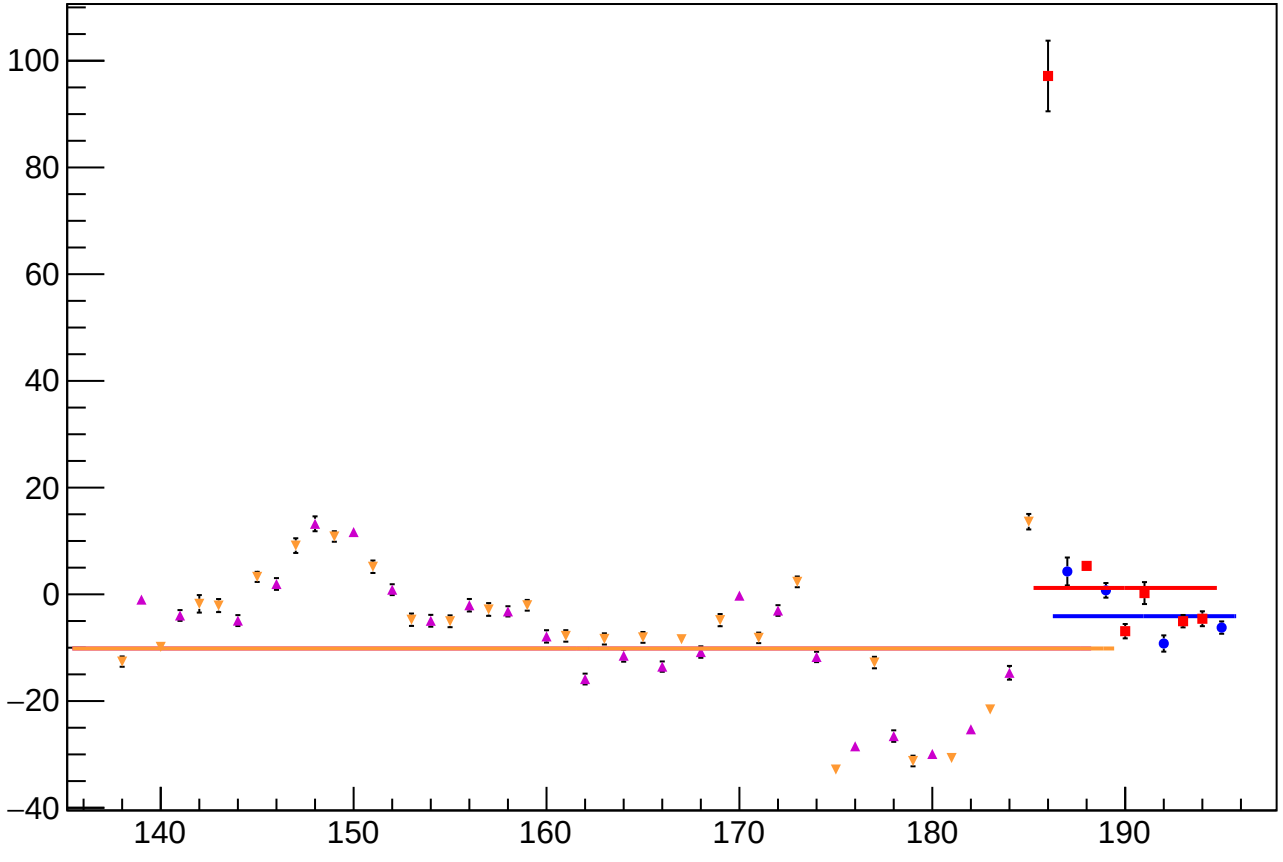
Right: -1.418+/-0.032 χ^2/NDF: 2007.6/44

In: -0.774+/-0.016 χ^2/NDF:3376.5/43

Out: -0.877+/-0.016 χ^2/NDF:3198.0/48

All: -0.827+/-0.011 χ^2/NDF: 6596.0/92

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.096+/-0.734 χ^2/NDF: 37.4/3

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: 1.198+/-0.471 χ^2/NDF: 334.1/5

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

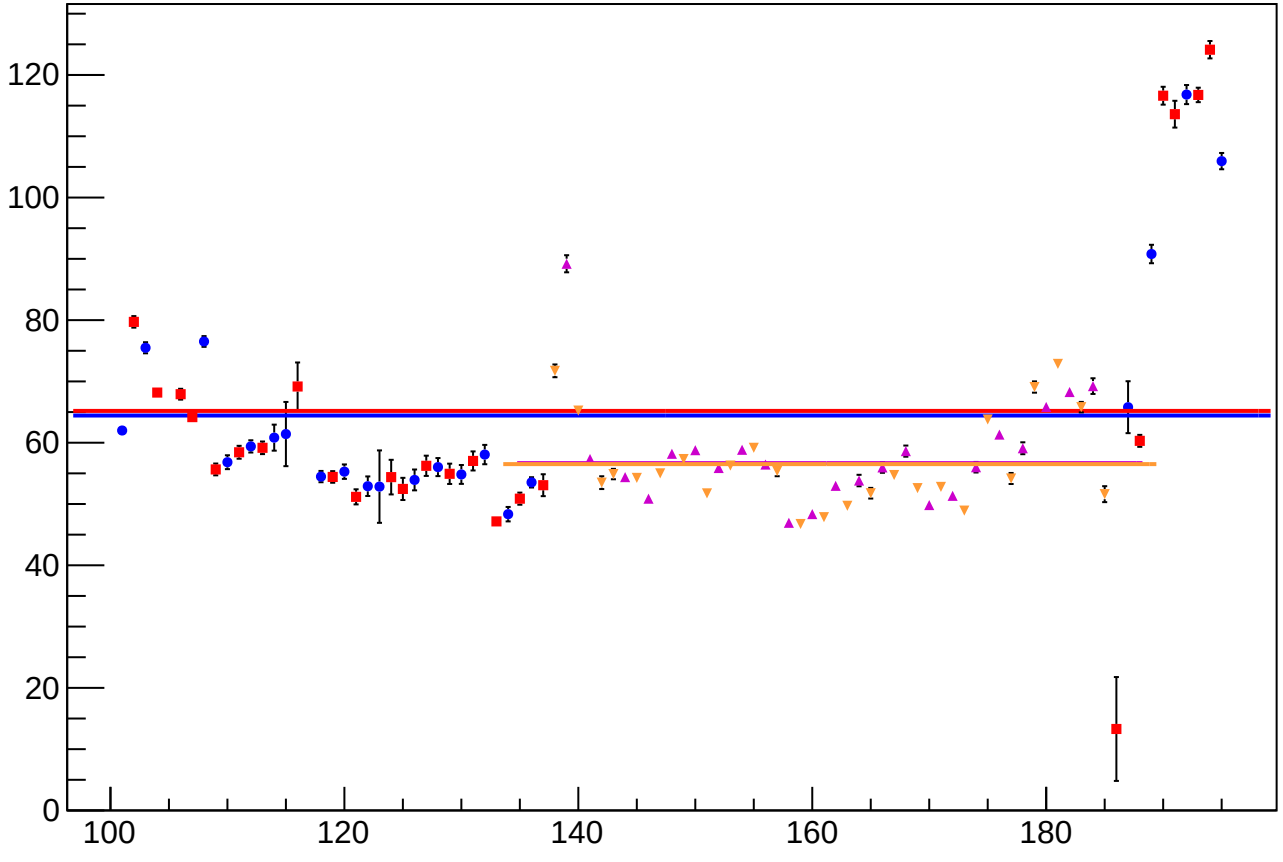
Right: -0.345+/-0.396 χ^2/NDF: 408.3/9

In: -9.716+/-0.196 χ^2/NDF:3592.2/26

Out: -8.387+/-0.186 χ^2/NDF:4952.8/30

All: -9.014+/-0.135 χ^2/NDF: 8569.1/57

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.438+/-0.249 χ^2/NDF: 3562.6/20

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 65.189+/-0.229 χ^2/NDF: 7260.3/23

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

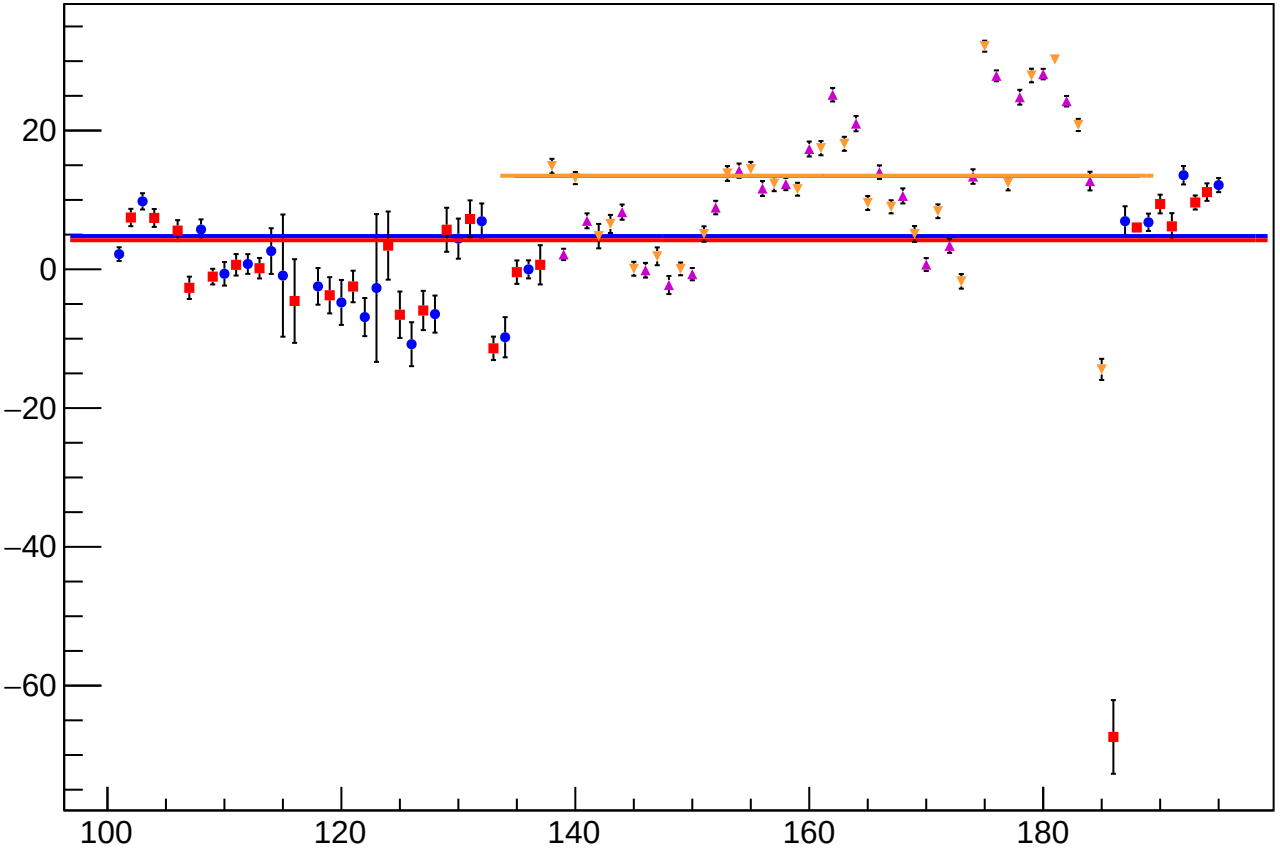
Right: 64.845+/-0.169 χ^2/NDF: 10827.8/44

In: 59.033+/-0.137 χ^2/NDF:5917.7/43

Out: 59.338+/-0.131 χ^2/NDF:10191.1/48

All: 59.193+/-0.095 χ^2/NDF: 16111.4/92

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.791+/-0.374 χ^2/NDF: 259.9/20

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 4.192+/-0.294 χ^2/NDF: 474.7/23

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

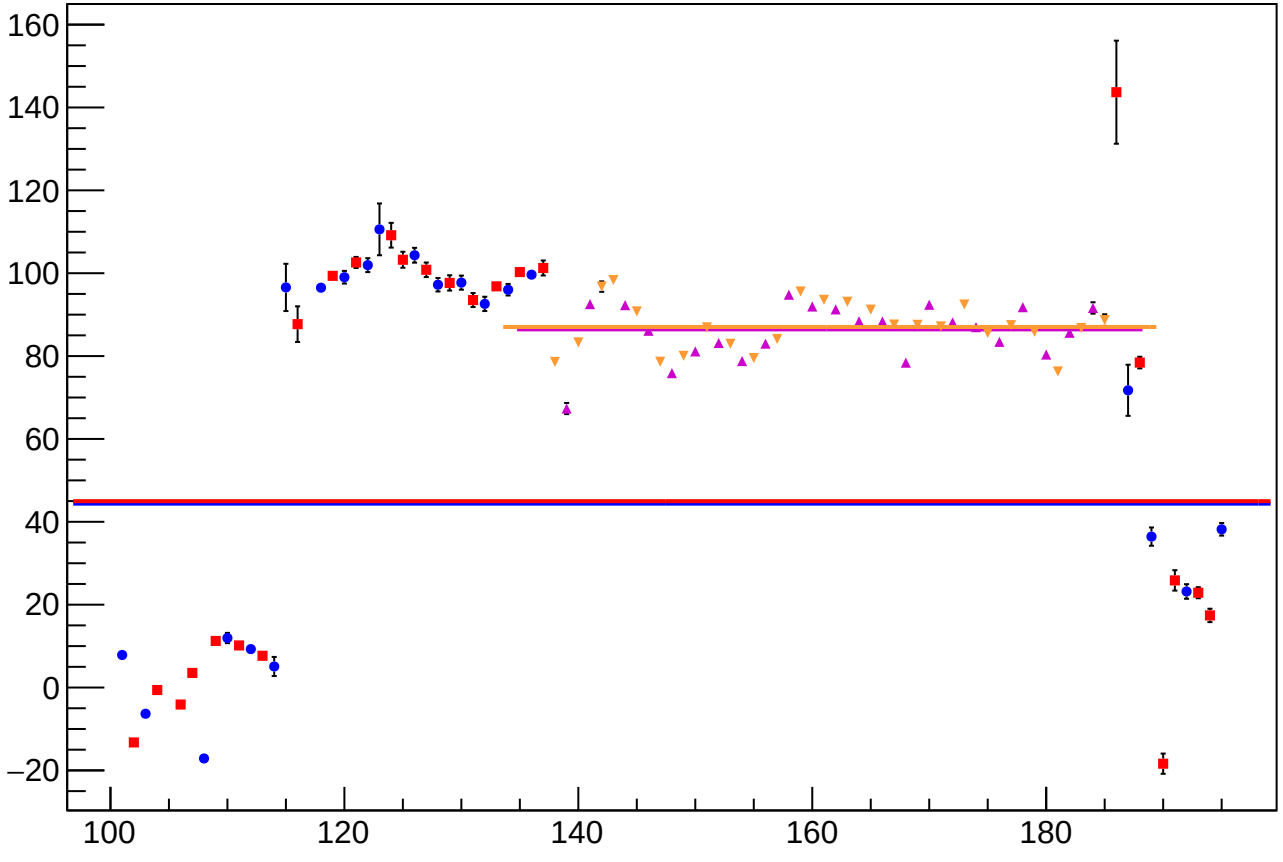
Right: 4.421+/-0.231 χ^2/NDF: 736.2/44

In: 11.483+/-0.178 χ^2/NDF:3046.4/43

Out: 10.505+/-0.166 χ^2/NDF:3885.3/48

All: 10.960+/-0.122 χ^2/NDF: 6947.8/92

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.384+/-0.290 χ^2/NDF: 25275.4/20

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 44.982+/-0.271 χ^2/NDF: 29813.9/23

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

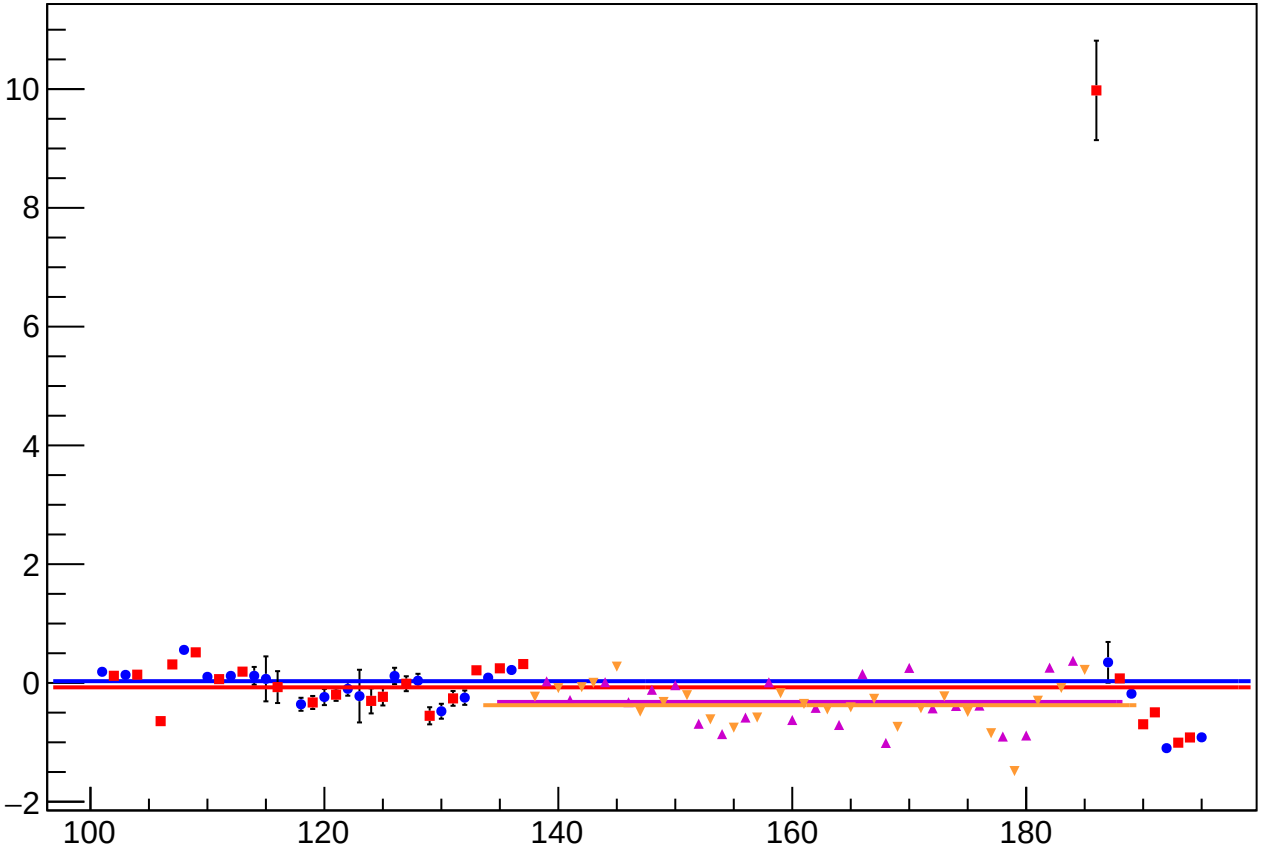
Right: 44.704+/-0.198 χ^2/NDF: 55091.6/44

In: 74.393+/-0.155 χ^2/NDF:41285.0/43

Out: 74.217+/-0.150 χ^2/NDF:47584.0/48

All: 74.302+/-0.108 χ^2/NDF: 88869.6/92

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.030+/-0.013 χ^2/NDF: 1232.1/20

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.074+/-0.012 χ^2/NDF: 1770.6/23

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

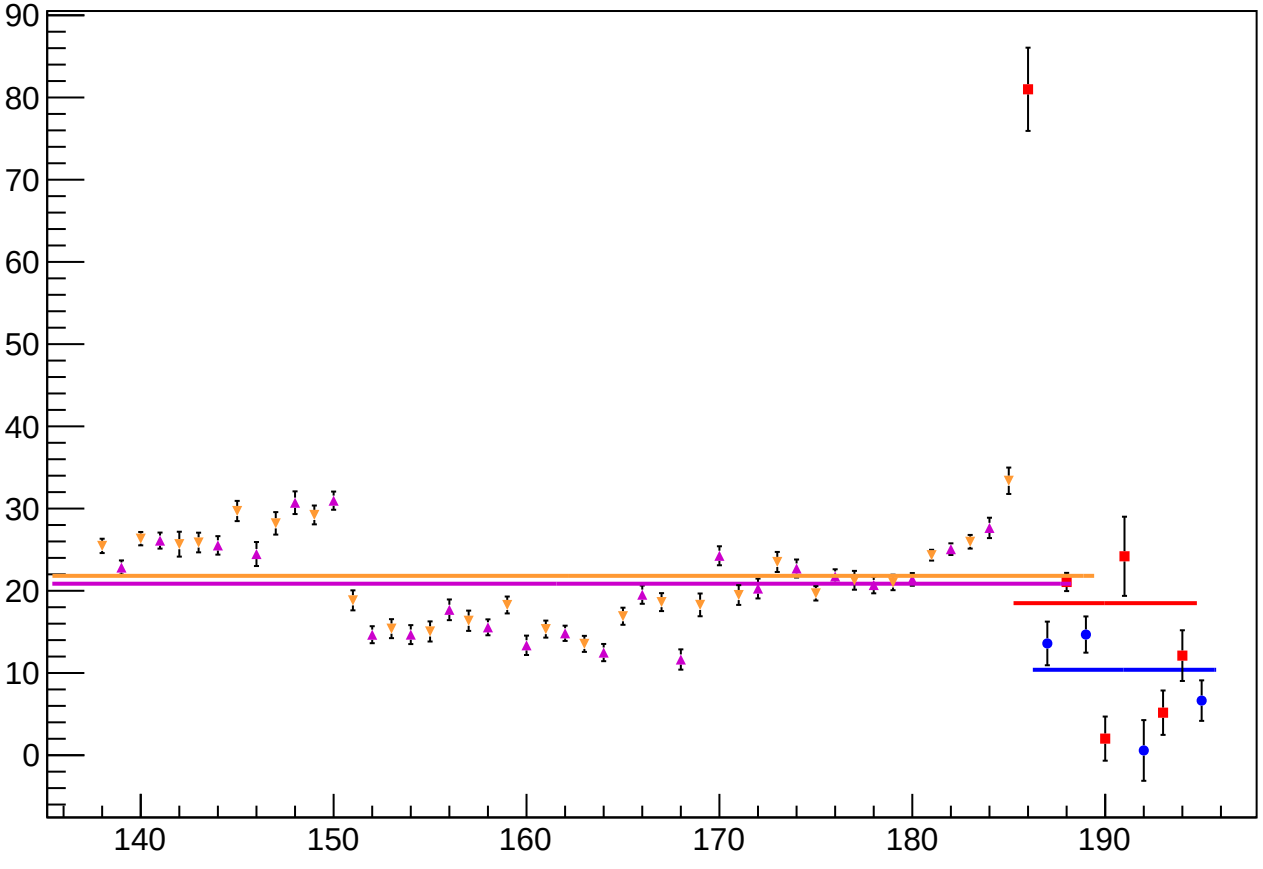
Right: -0.028+/-0.009 χ^2/NDF: 3038.8/44

In: -0.219+/-0.007 χ^2/NDF:4087.0/43

Out: -0.275+/-0.007 χ^2/NDF:3879.8/48

All: -0.248+/-0.005 χ^2/NDF: 8001.0/92

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.391+/-1.306 χ^2/NDF: 14.6/3

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 18.494+/-0.884 χ^2/NDF: 225.6/5

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

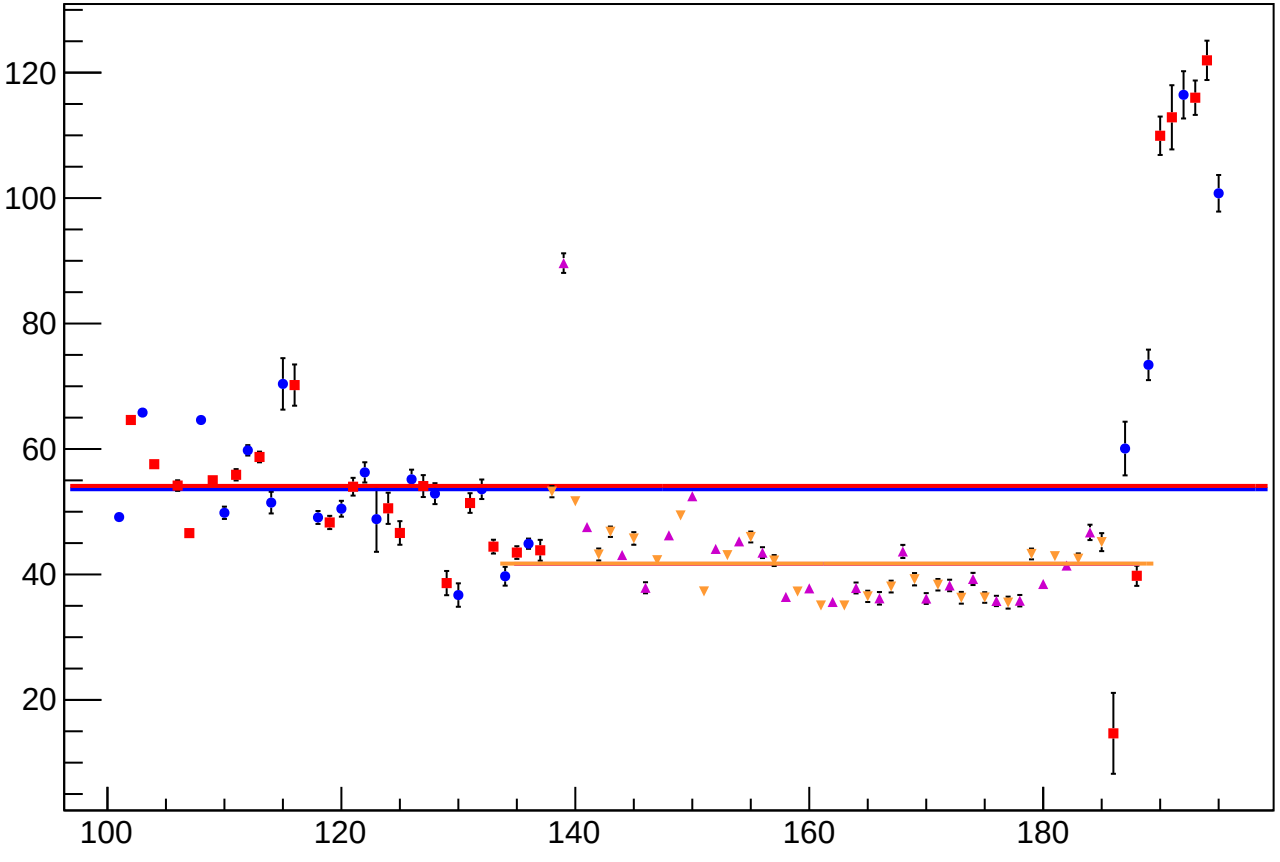
Right: 15.948+/-0.732 χ^2/NDF: 266.6/9

In: 20.583+/-0.213 χ^2/NDF:652.7/26

Out: 21.640+/-0.205 χ^2/NDF:761.7/30

All: 21.132+/-0.147 χ^2/NDF: 1427.2/57

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 53.586+/-0.208 χ^2/NDF: 1814.9/20

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 54.117+/-0.223 χ^2/NDF: 2428.7/23

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

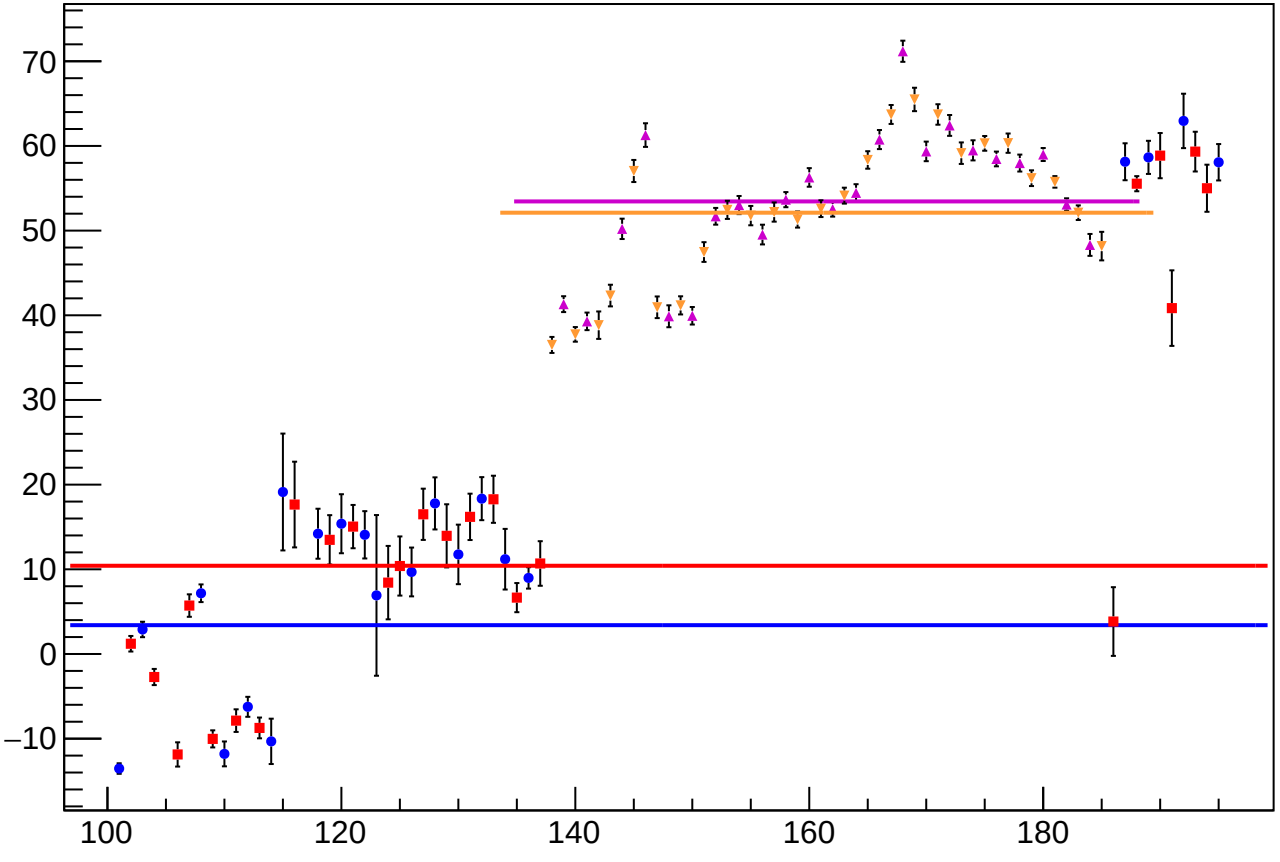
Right: 53.833+/-0.152 χ^2/NDF: 4246.7/44

In: 46.556+/-0.133 χ^2/NDF:5459.8/43

Out: 46.143+/-0.133 χ^2/NDF:5428.2/48

All: 46.349+/-0.094 χ^2/NDF: 10892.8/92

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.403+/-0.346 χ^2/NDF: 3509.8/20

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 10.420+/-0.338 χ^2/NDF: 5037.7/23

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

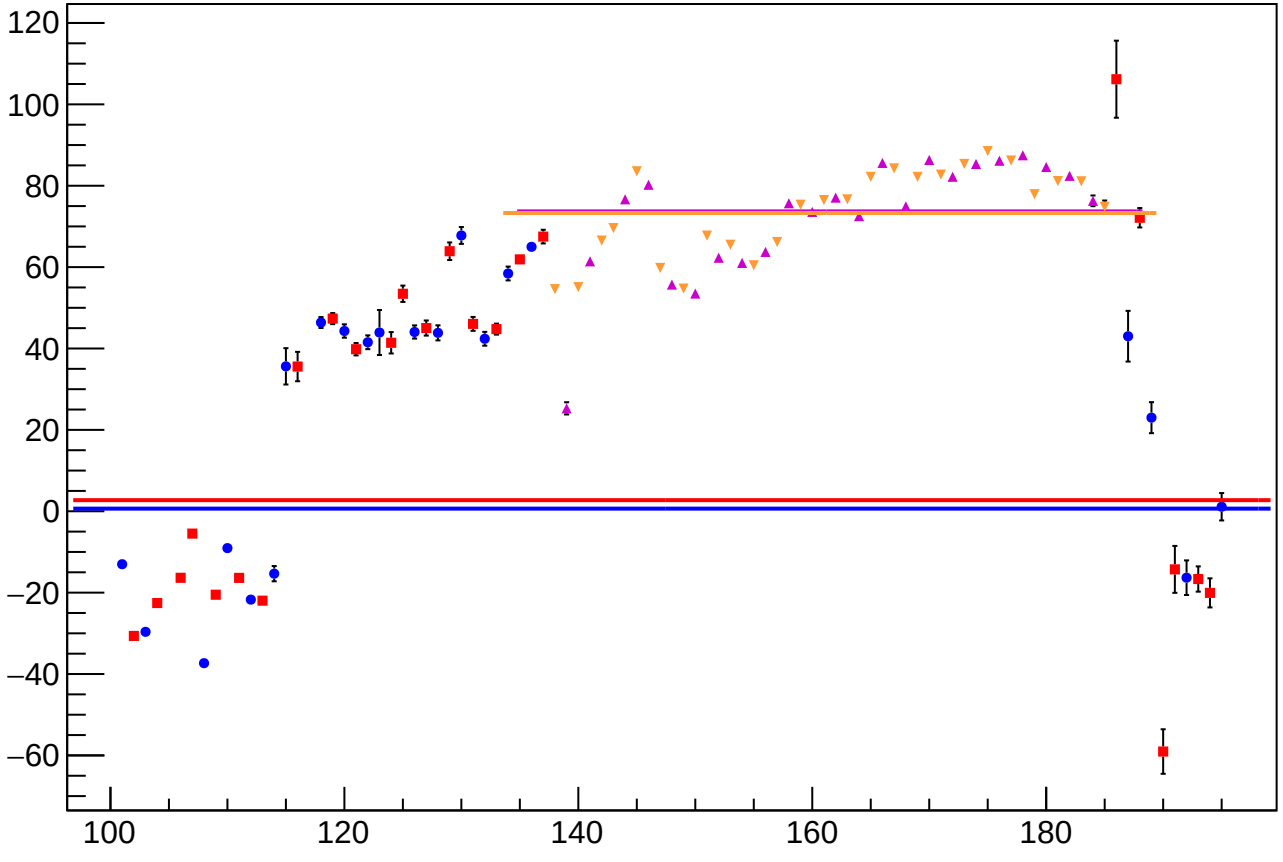
Right: 6.991+/-0.242 χ^2/NDF: 8757.5/44

In: 39.577+/-0.182 χ^2/NDF:19774.8/43

Out: 40.492+/-0.179 χ^2/NDF:17427.3/48

All: 40.043+/-0.128 χ^2/NDF: 37215.0/92

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.647+/-0.245 χ^2/NDF: 18520.5/20

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.725+/-0.264 χ^2/NDF: 16567.4/23

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

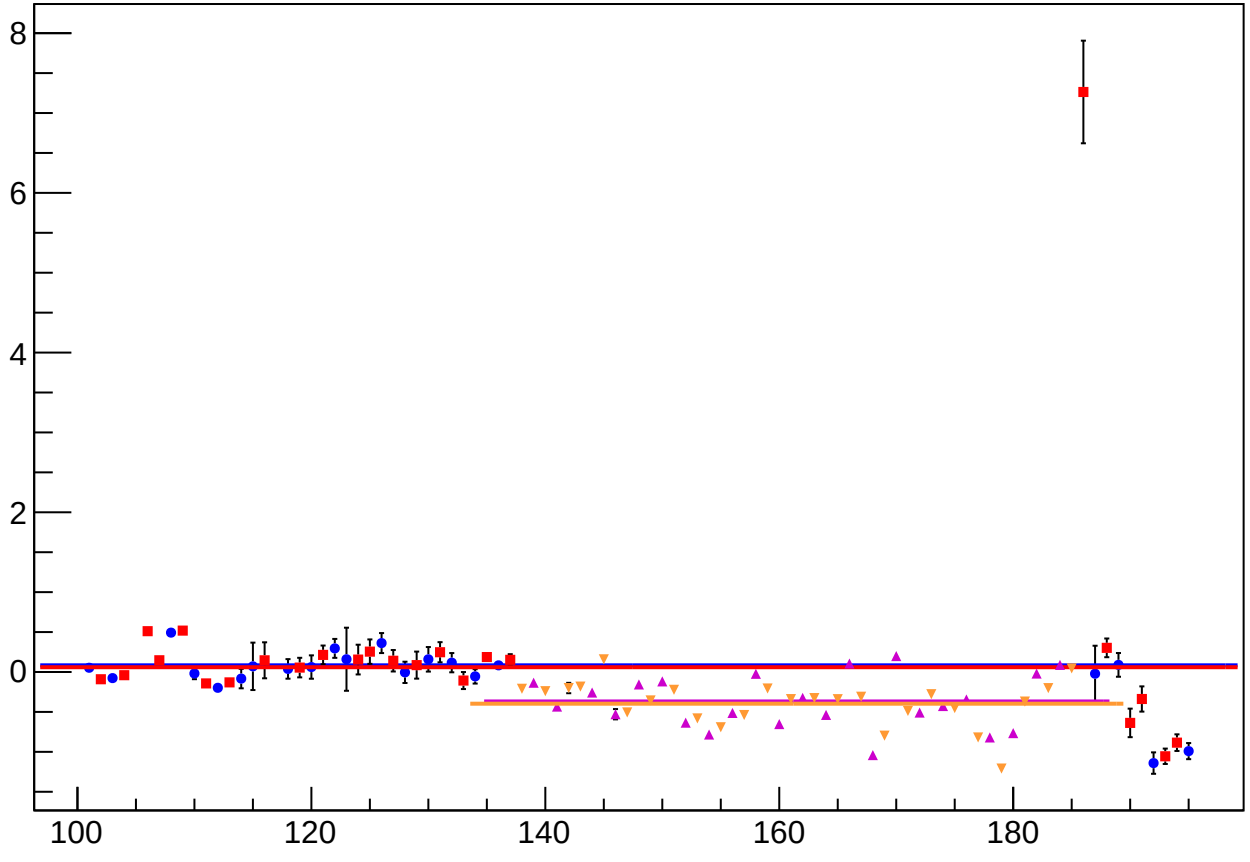
Right: 1.610+/-0.179 χ^2/NDF: 35121.3/44

In: 45.563+/-0.152 χ^2/NDF:77114.1/43

Out: 49.603+/-0.153 χ^2/NDF:67349.9/48

All: 47.574+/-0.108 χ^2/NDF: 144815.6/92

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.084+/-0.011 χ^2/NDF: 601.3/20

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.060+/-0.011 χ^2/NDF: 761.7/23

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

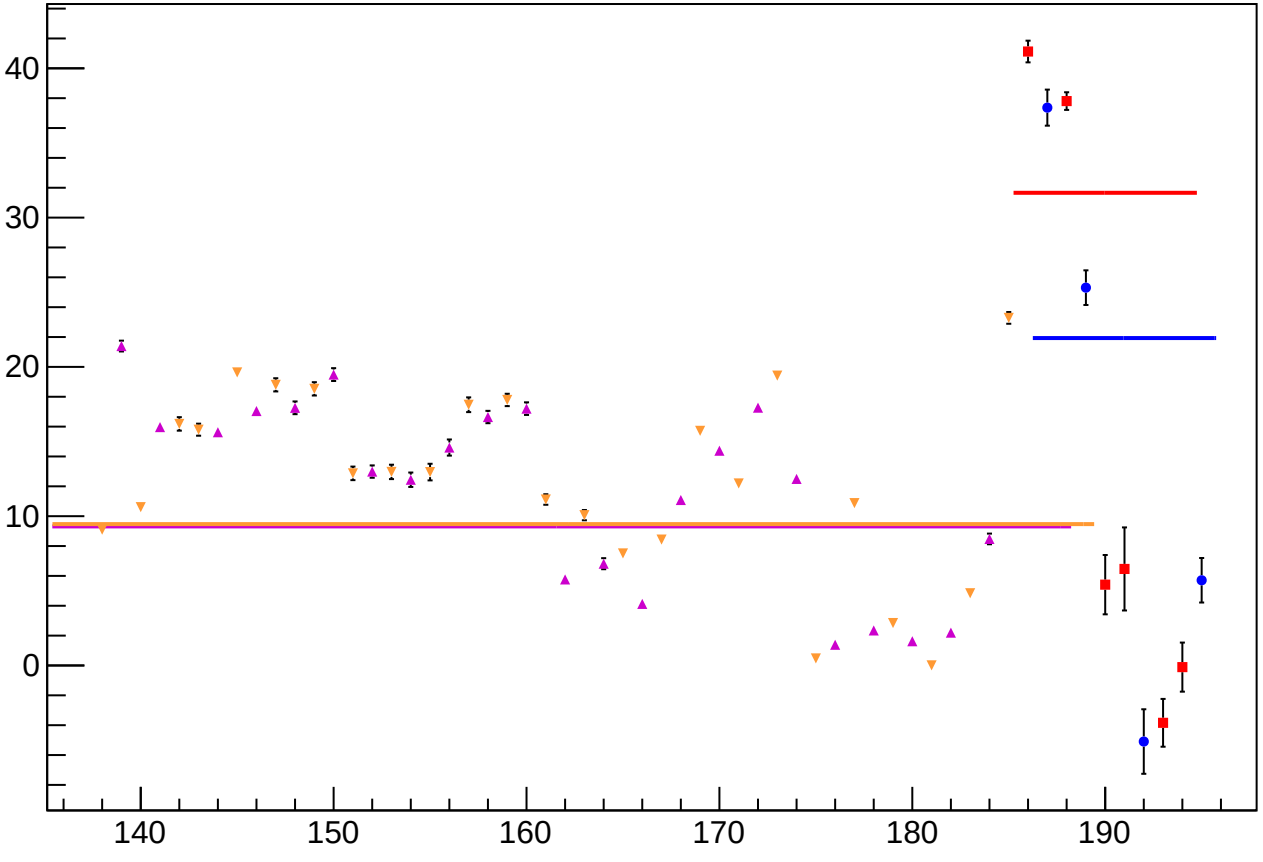
Right: 0.072+/-0.008 χ^2/NDF: 1365.4/44

In: -0.194+/-0.007 χ^2/NDF:2981.3/43

Out: -0.222+/-0.007 χ^2/NDF:2797.0/48

All: -0.208+/-0.005 χ^2/NDF: 5786.9/92

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 21.932+/-0.692 χ^2/NDF: 446.4/3

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 31.662+/-0.412 χ^2/NDF: 1399.6/5

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

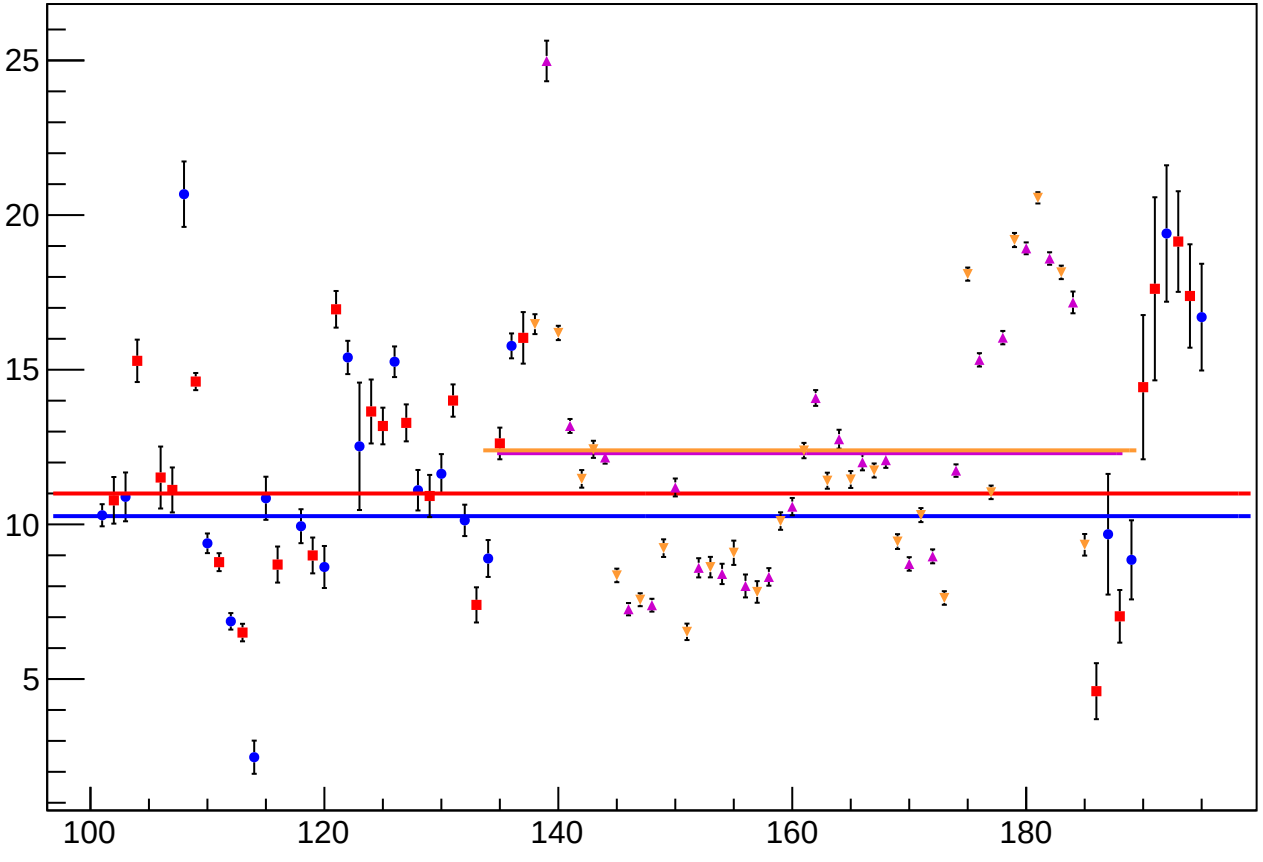
Right: 29.116+/-0.354 χ^2/NDF: 1992.2/9

In: 9.418+/-0.062 χ^2/NDF:11783.9/26

Out: 9.952+/-0.061 χ^2/NDF:16820.1/30

All: 9.693+/-0.044 χ^2/NDF: 28641.6/57

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.267+/-0.118 χ^2/NDF: 910.1/20

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 10.999+/-0.114 χ^2/NDF: 922.0/23

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

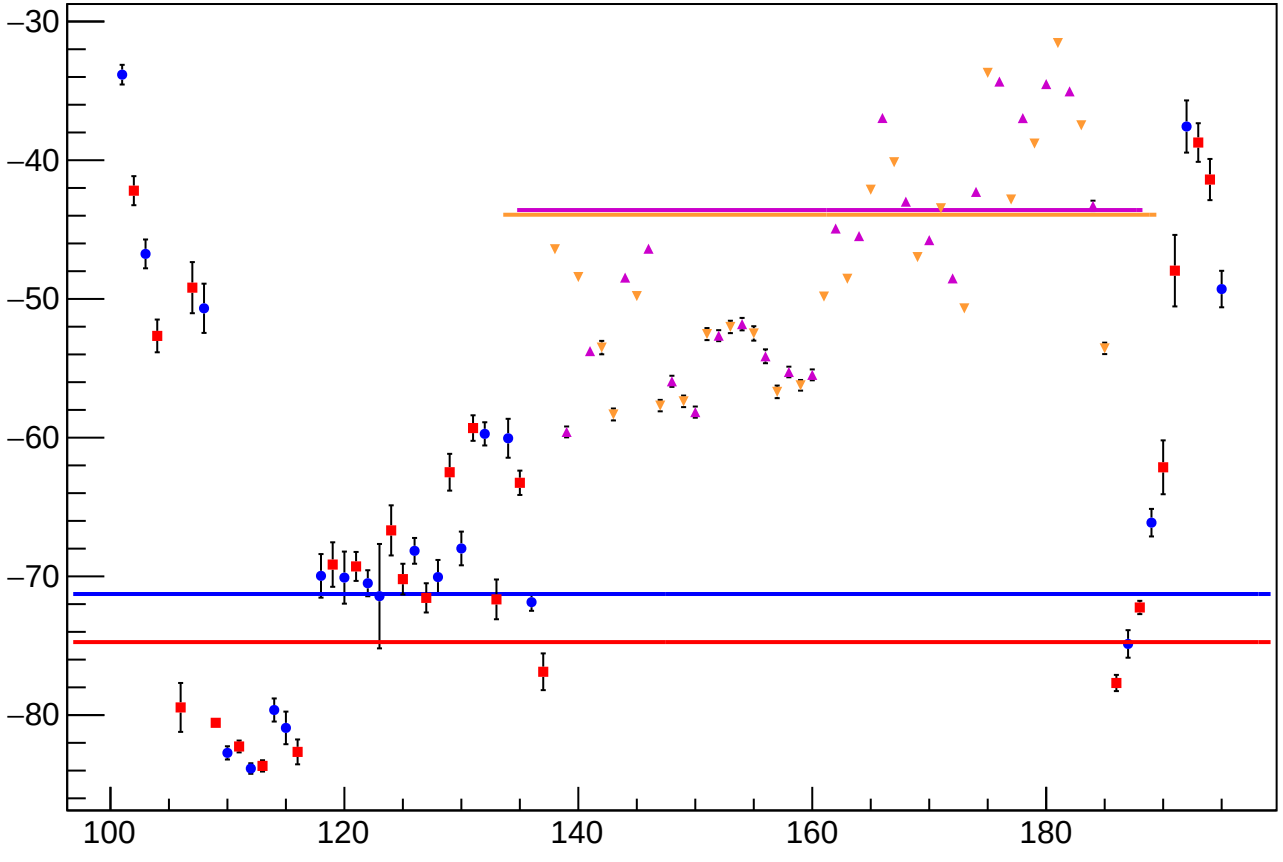
Right: 10.645+/-0.082 χ^2/NDF: 1852.1/44

In: 11.980+/-0.047 χ^2/NDF:6822.9/43

Out: 12.169+/-0.046 χ^2/NDF:8574.1/48

All: 12.077+/-0.033 χ^2/NDF: 15405.3/92

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.271+/-0.187 χ^2/NDF: 6229.3/20

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -74.737+/-0.160 χ^2/NDF: 4661.7/23

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

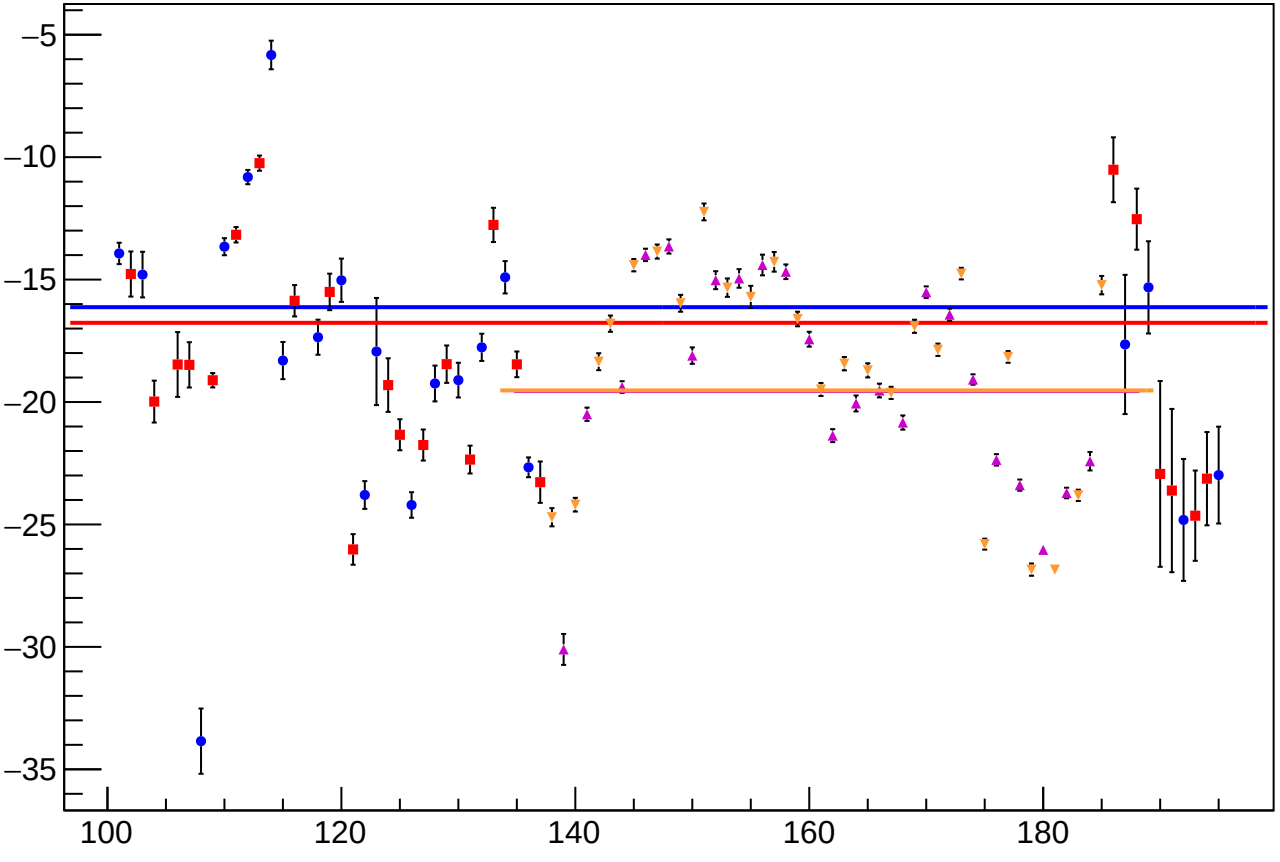
Right: -73.277+/-0.122 χ^2/NDF: 11089.1/44

In: -46.408+/-0.060 χ^2/NDF:41401.4/43

Out: -47.962+/-0.058 χ^2/NDF:54527.1/48

All: -47.211+/-0.042 χ^2/NDF: 96277.8/92

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.127+/-0.131 χ^2/NDF: 1665.7/20

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.765+/-0.126 χ^2/NDF: 1276.3/23

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

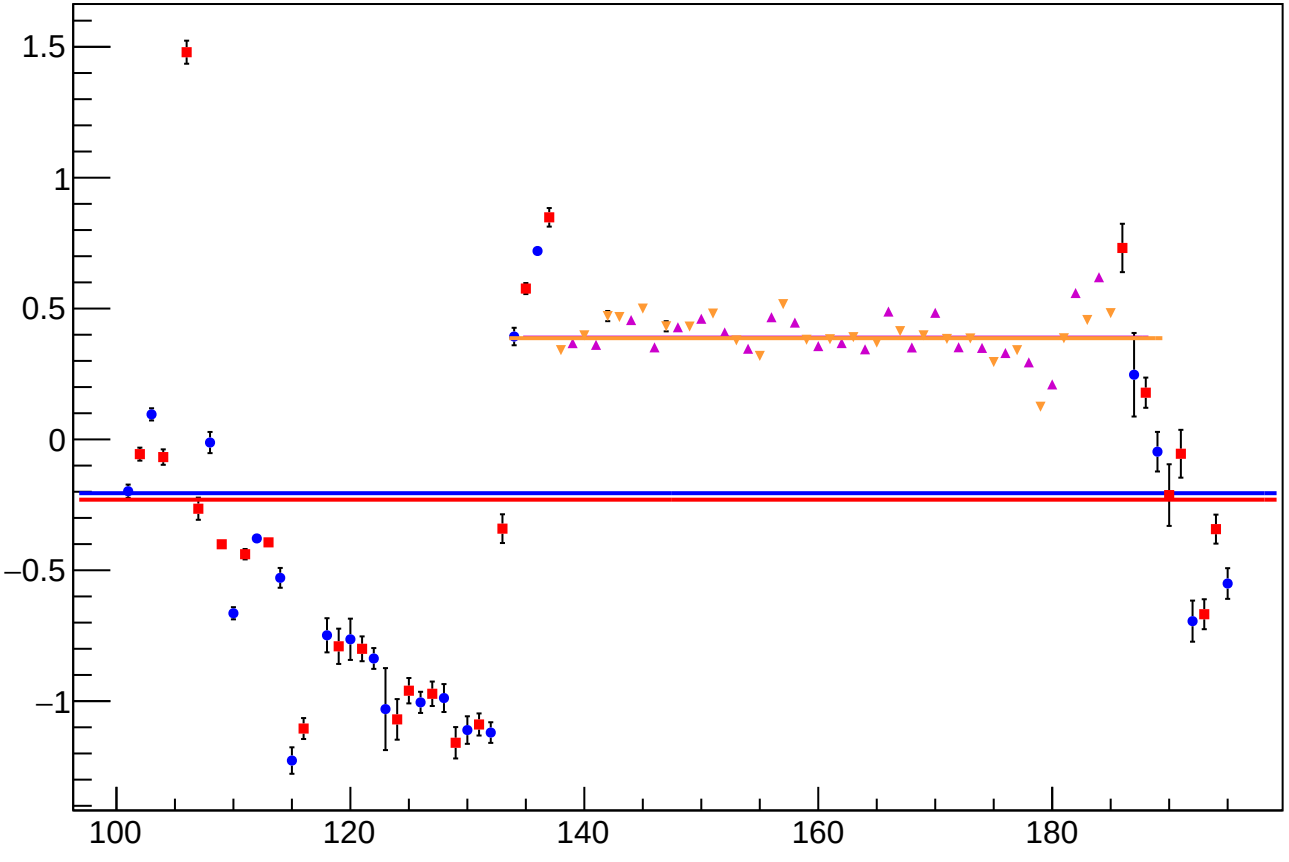
Right: -16.458+/-0.091 χ^2/NDF: 2954.3/44

In: -19.006+/-0.052 χ^2/NDF:6598.1/43

Out: -19.074+/-0.051 χ^2/NDF:8169.2/48

All: -19.041+/-0.037 χ^2/NDF: 14768.2/92

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.205+/-0.007 χ^2/NDF: 6425.7/20

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.230+/-0.007 χ^2/NDF: 6431.9/23

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

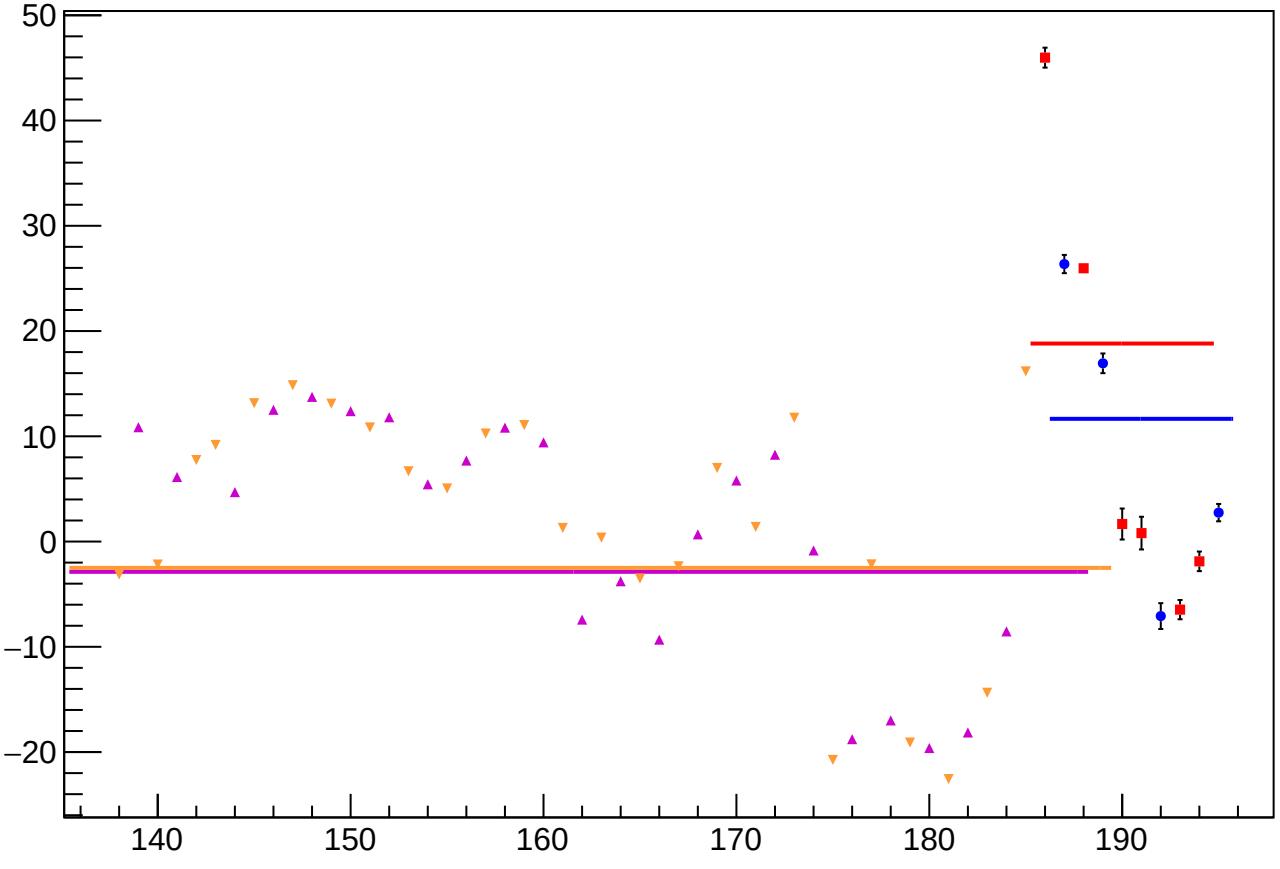
Right: -0.219+/-0.005 χ^2/NDF: 12863.5/44

In: 0.323+/-0.002 χ^2/NDF:13429.2/43

Out: 0.313+/-0.002 χ^2/NDF:14329.0/48

All: 0.318+/-0.002 χ^2/NDF: 27766.9/92

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.660+/-0.466 χ^2/NDF: 668.8/3

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 18.813+/-0.319 χ^2/NDF: 2626.6/5

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

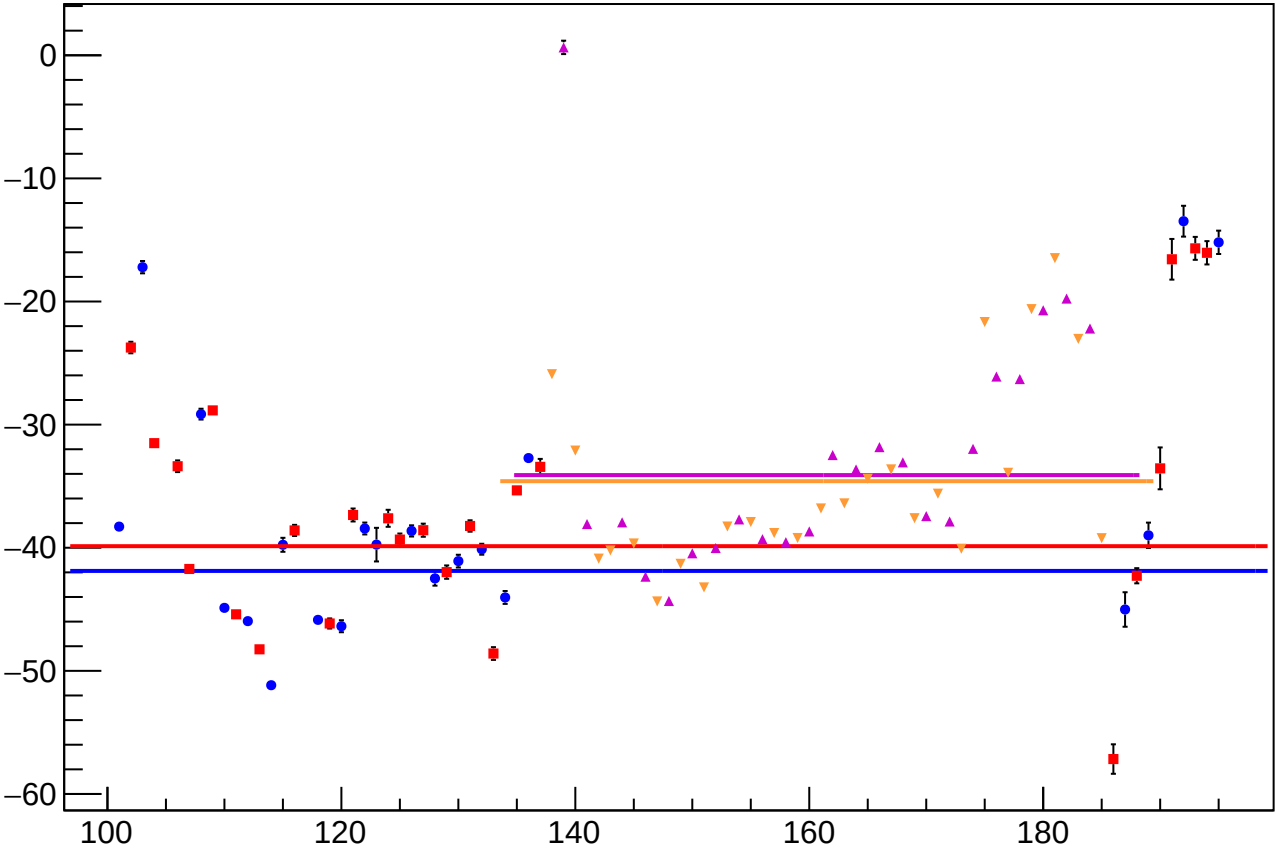
Right: 16.527+/-0.263 χ^2/NDF: 3455.7/9

In: -2.679+/-0.054 χ^2/NDF:48009.3/26

Out: -1.929+/-0.052 χ^2/NDF:62890.0/30

All: -2.290+/-0.038 χ^2/NDF: 110998.5/57

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.883+/-0.077 χ^2/NDF: 7907.5/20

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.873+/-0.072 χ^2/NDF: 12643.2/23

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

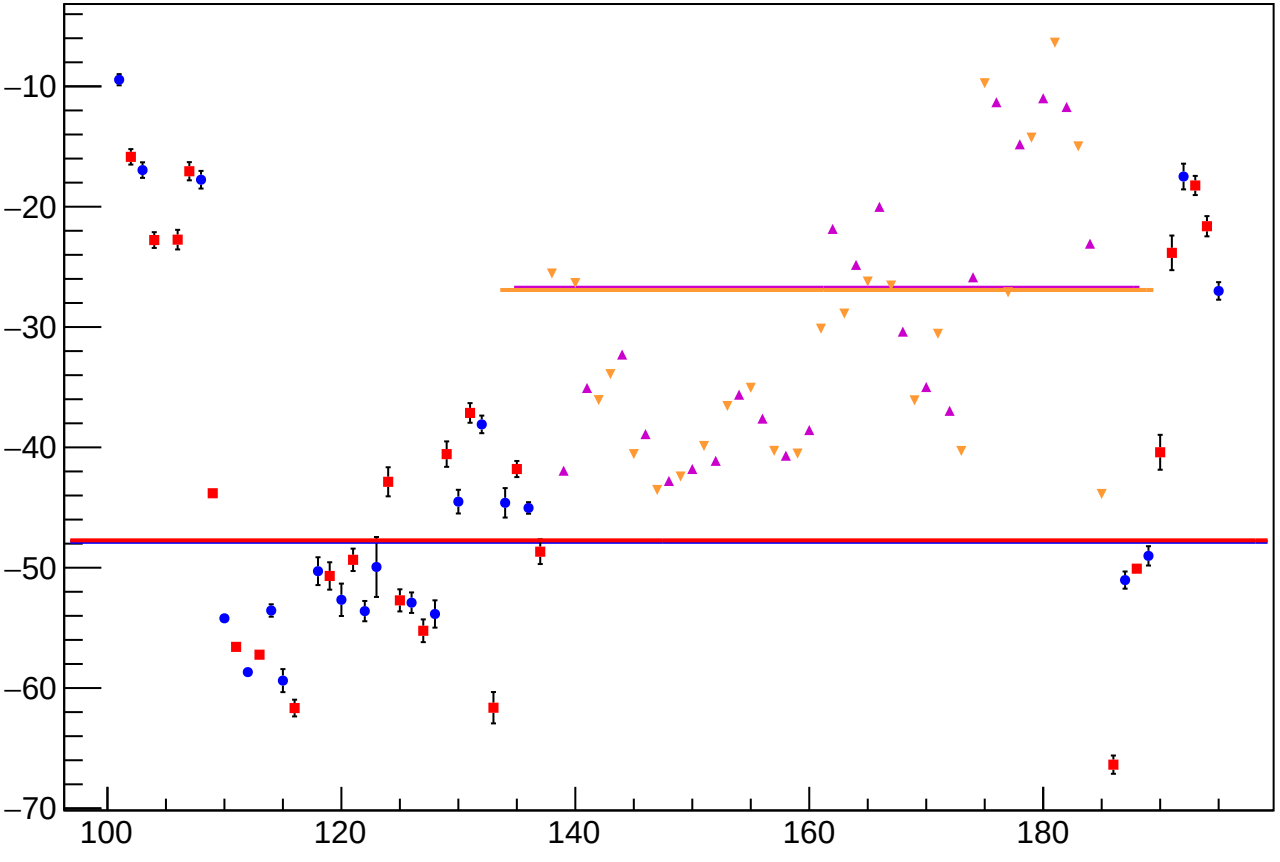
Right: -40.806+/-0.052 χ^2/NDF: 20915.5/44

In: -36.004+/-0.038 χ^2/NDF:44990.9/43

Out: -35.941+/-0.036 χ^2/NDF:51088.2/48

All: -35.971+/-0.026 χ^2/NDF: 96080.5/92

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -47.849+/-0.119 χ^2/NDF: 16357.0/20

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -47.726+/-0.100 χ^2/NDF: 14401.6/23

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

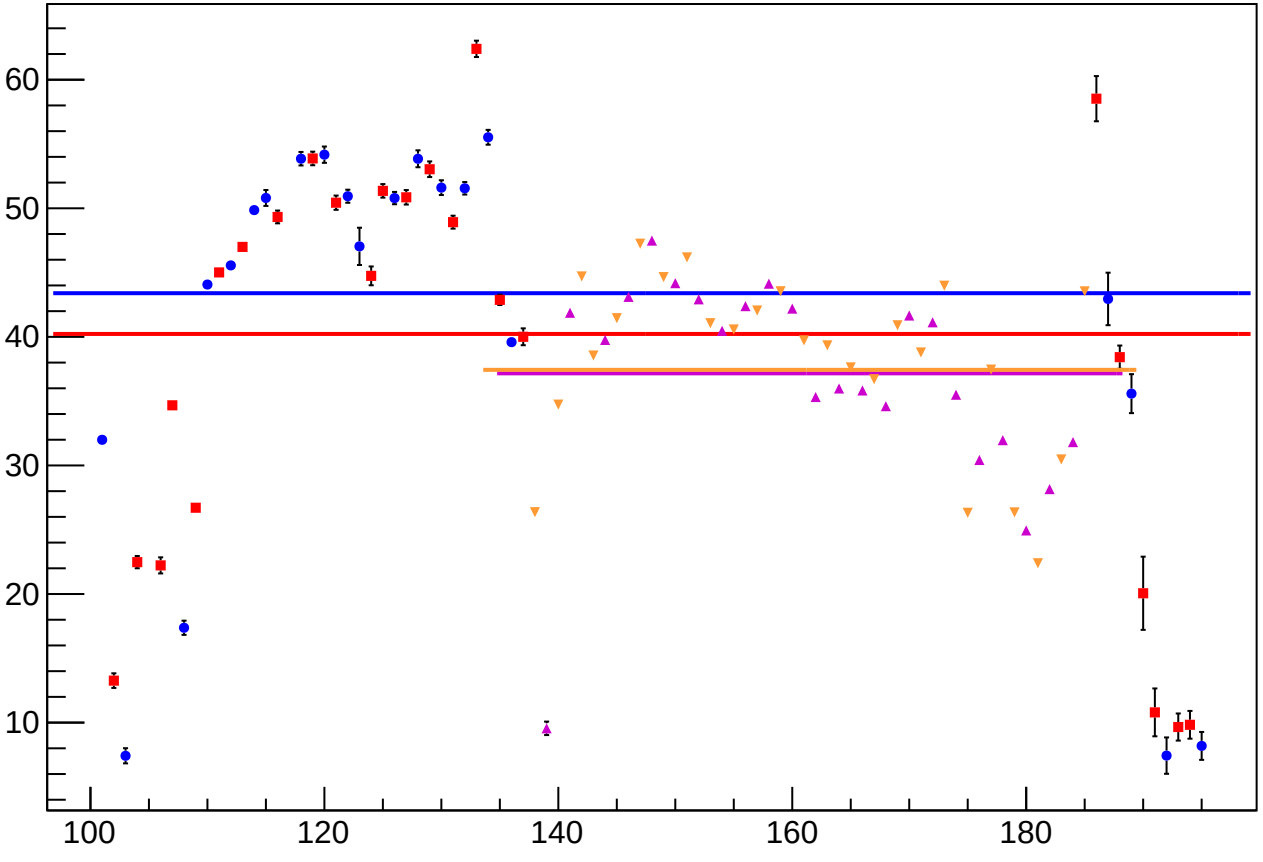
Right: -47.777+/-0.076 χ^2/NDF: 30759.3/44

In: -30.430+/-0.050 χ^2/NDF:85064.9/43

Out: -31.552+/-0.047 χ^2/NDF:97484.8/48

All: -31.022+/-0.034 χ^2/NDF: 182818.9/92

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.397+/-0.086 χ^2/NDF: 12383.8/20

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.227+/-0.079 χ^2/NDF: 19026.8/23

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

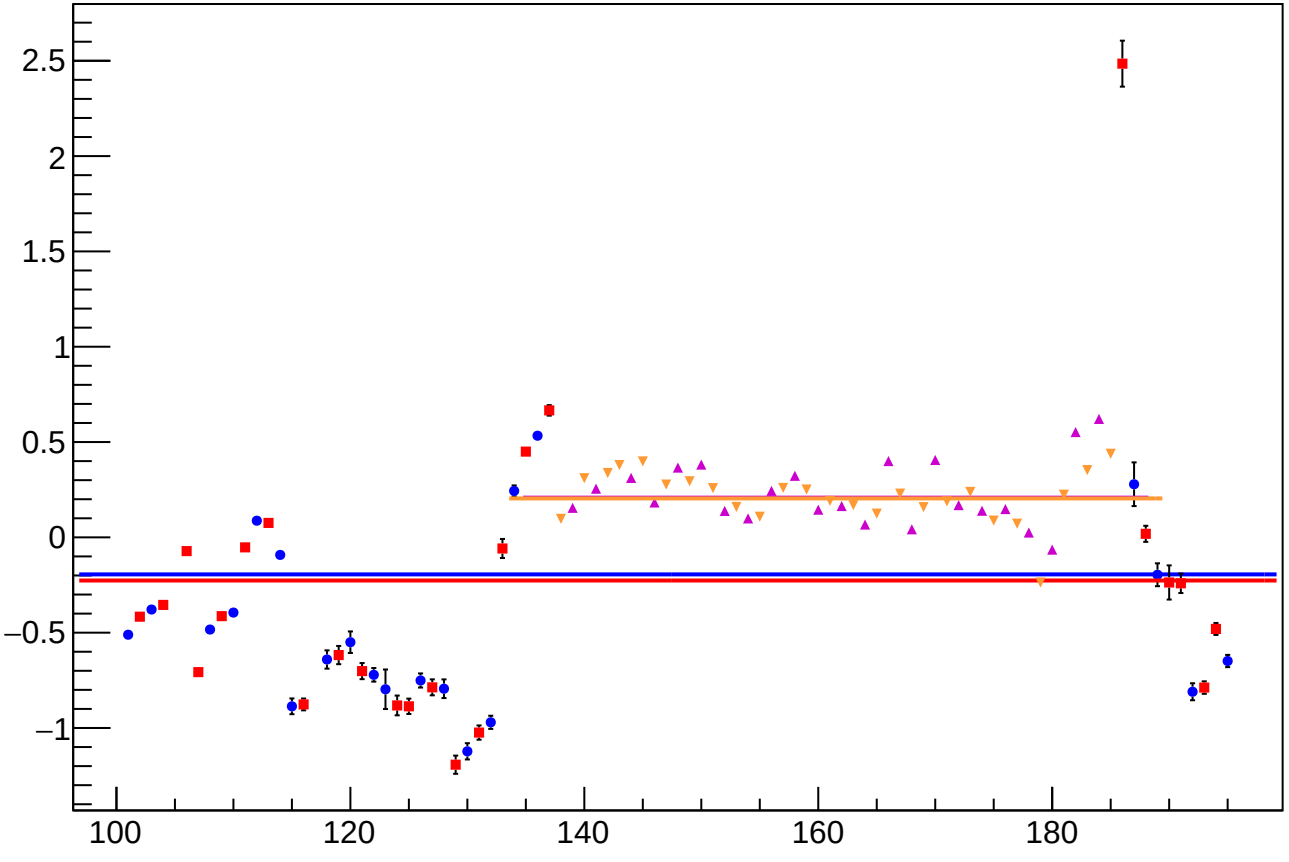
Right: 41.685+/-0.058 χ^2/NDF: 32144.6/44

In: 38.698+/-0.043 χ^2/NDF:33773.0/43

Out: 38.168+/-0.041 χ^2/NDF:41458.1/48

All: 38.420+/-0.029 χ^2/NDF: 75311.9/92

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.194+/-0.005 χ^2/NDF: 7795.6/20

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.226+/-0.004 χ^2/NDF: 8363.5/23

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

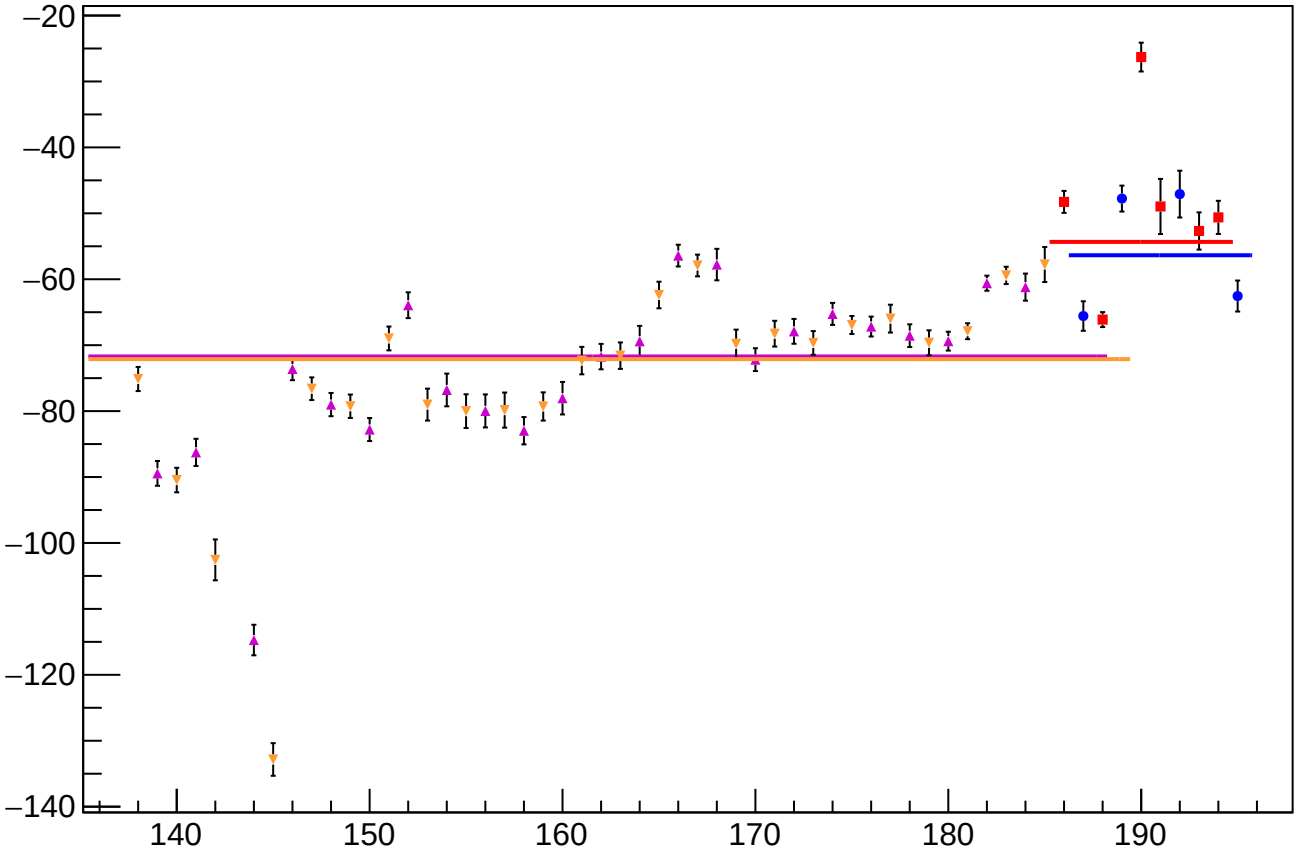
Right: -0.212+/-0.003 χ^2/NDF: 16184.9/44

In: 0.135+/-0.002 χ^2/NDF:18799.1/43

Out: 0.113+/-0.002 χ^2/NDF:20462.4/48

All: 0.123+/-0.001 χ^2/NDF: 39324.3/92

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -56.360+/-1.180 χ^2/NDF: 49.8/3

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -54.331+/-0.770 χ^2/NDF: 289.8/5

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

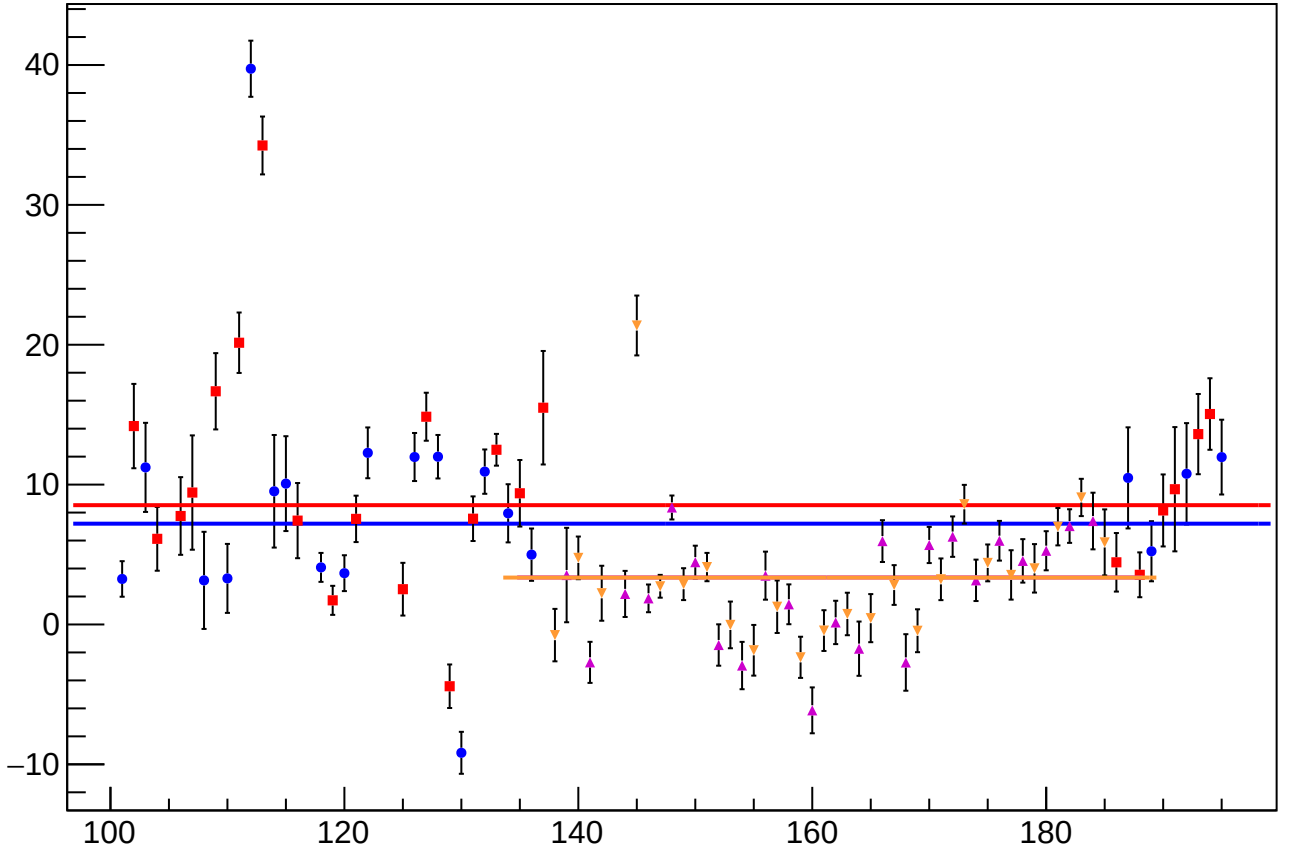
Right: -54.937+/-0.645 χ^2/NDF: 341.6/9

In: -70.268+/-0.362 χ^2/NDF:1087.8/26

Out: -68.591+/-0.343 χ^2/NDF:1842.7/29

All: -69.384+/-0.249 χ^2/NDF: 2941.8/56

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.206+/-0.414 χ^2/NDF: 452.8/19

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.529+/-0.407 χ^2/NDF: 372.3/22

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

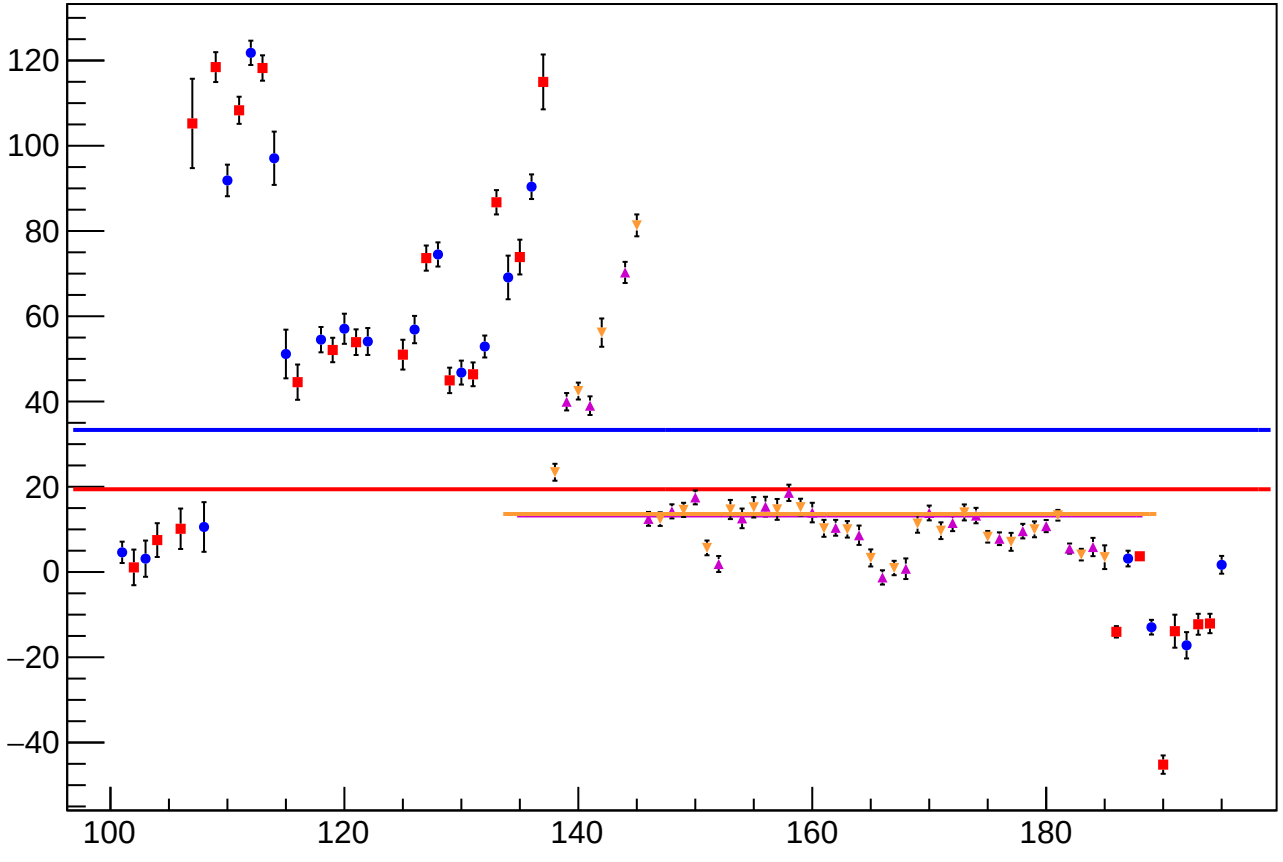
Right: 7.879+/-0.290 χ^2/NDF: 830.3/42

In: 4.670+/-0.242 χ^2/NDF:674.2/42

Out: 5.133+/-0.239 χ^2/NDF:646.3/46

All: 4.904+/-0.170 χ^2/NDF: 1322.3/89

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 33.331+/-0.644 χ^2/NDF: 3928.8/19

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 19.415+/-0.514 χ^2/NDF: 6868.8/22

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

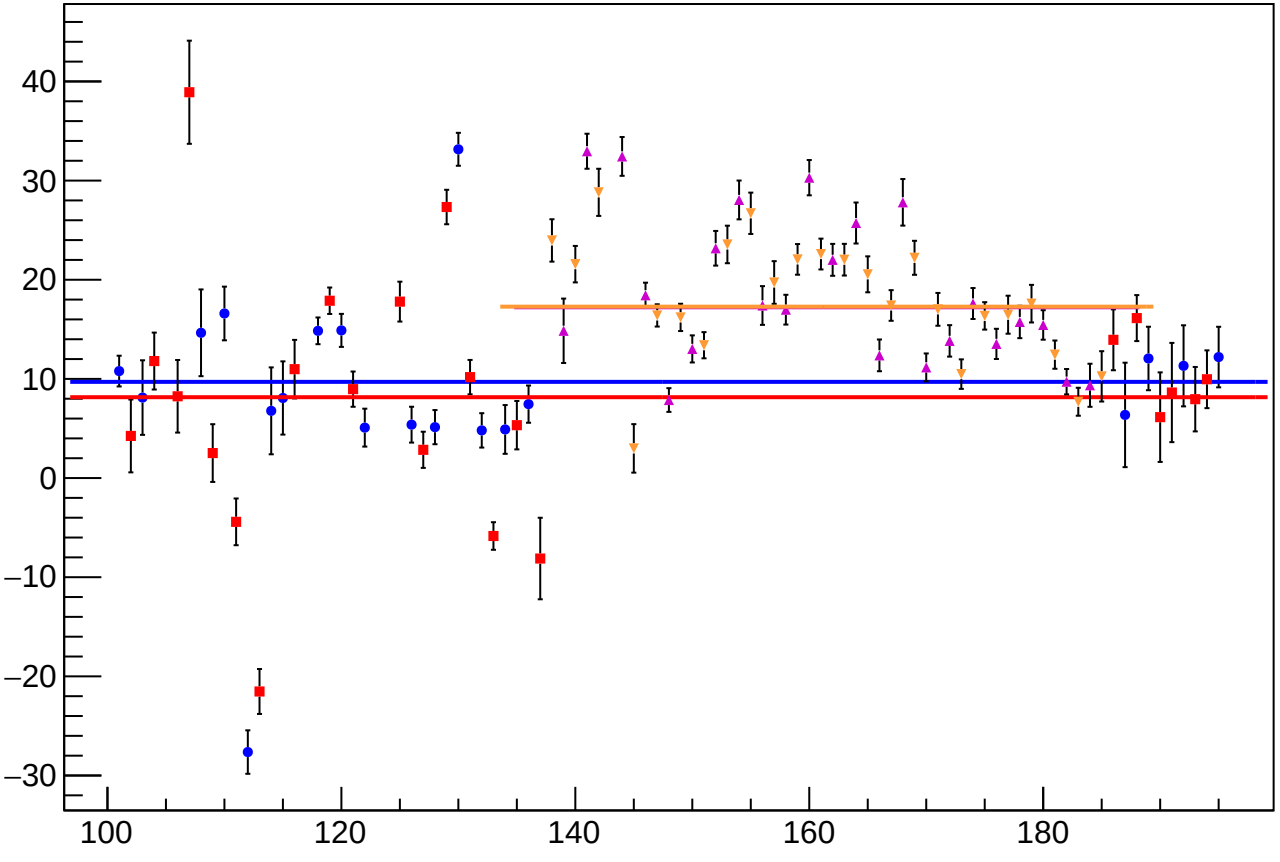
Right: 24.831+/-0.402 χ^2/NDF: 11083.0/42

In: 18.417+/-0.326 χ^2/NDF:5727.8/42

Out: 15.673+/-0.306 χ^2/NDF:8254.4/46

All: 16.959+/-0.223 χ^2/NDF: 14019.7/89

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.702+/-0.483 χ^2/NDF: 556.3/19

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.154+/-0.480 χ^2/NDF: 584.5/22

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

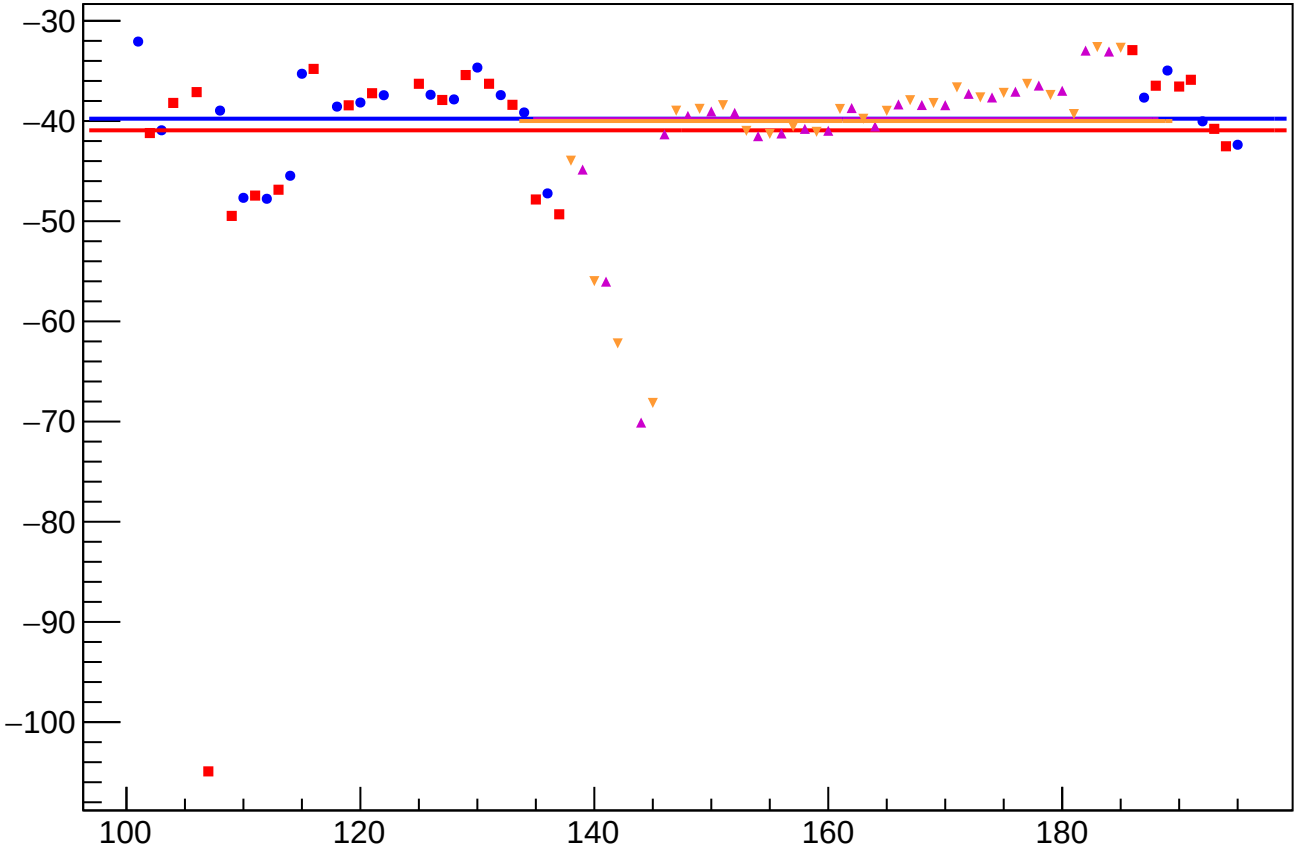
Right: 8.923+/-0.341 χ^2/NDF: 1145.9/42

In: 14.748+/-0.277 χ^2/NDF:1161.0/42

Out: 14.270+/-0.276 χ^2/NDF:1070.9/46

All: 14.508+/-0.196 χ^2/NDF: 2233.5/89

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.768+/-0.028 χ^2/NDF: 28602.3/19

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.929+/-0.026 χ^2/NDF: 99657.2/22

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

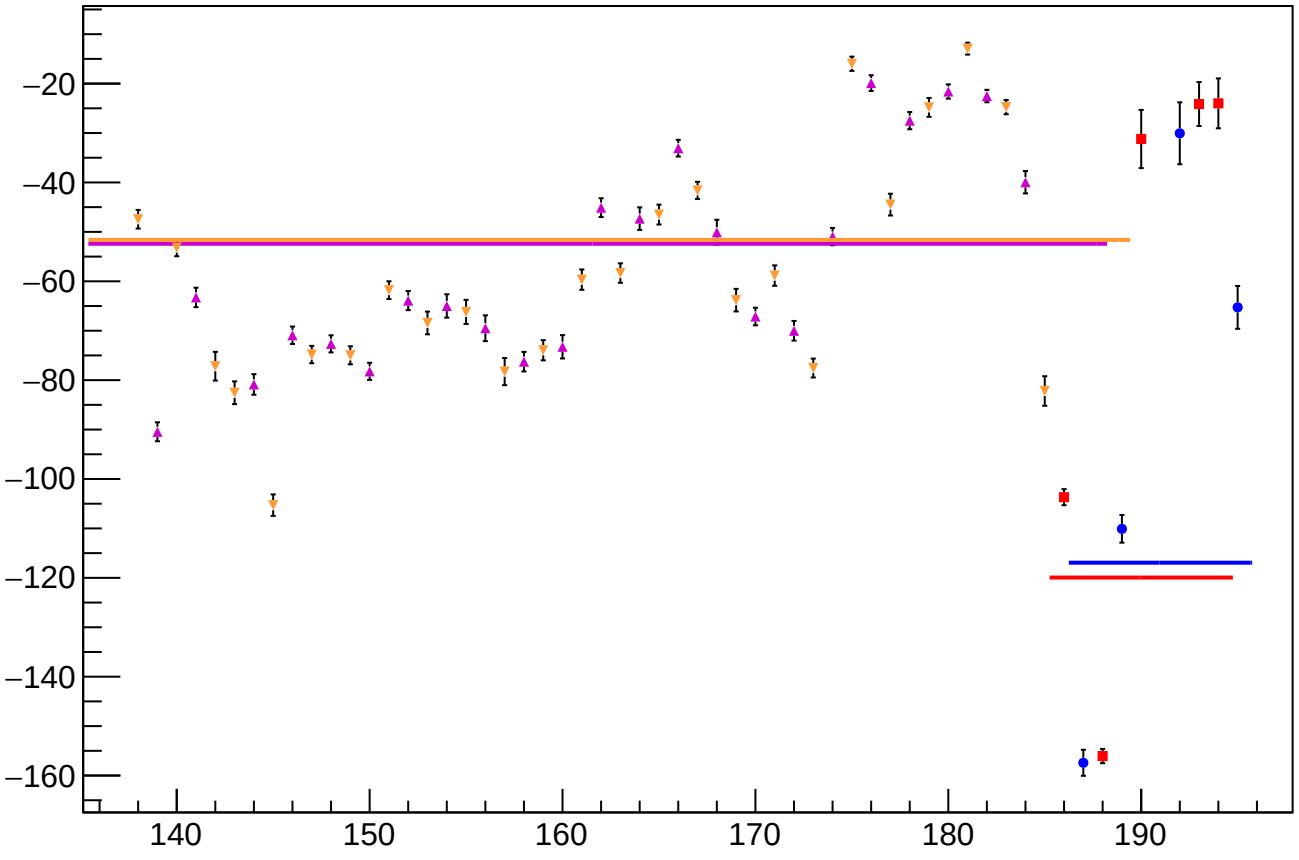
Right: -40.385+/-0.019 χ^2/NDF: 129190.8/42

In: -39.802+/-0.014 χ^2/NDF:174394.8/42

Out: -40.250+/-0.013 χ^2/NDF:272735.3/46

All: -40.028+/-0.010 χ^2/NDF: 447677.1/89

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -116.935+/-1.687 χ^2/NDF: 577.4/3

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -119.943+/-1.014 χ^2/NDF: 1776.5/4

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

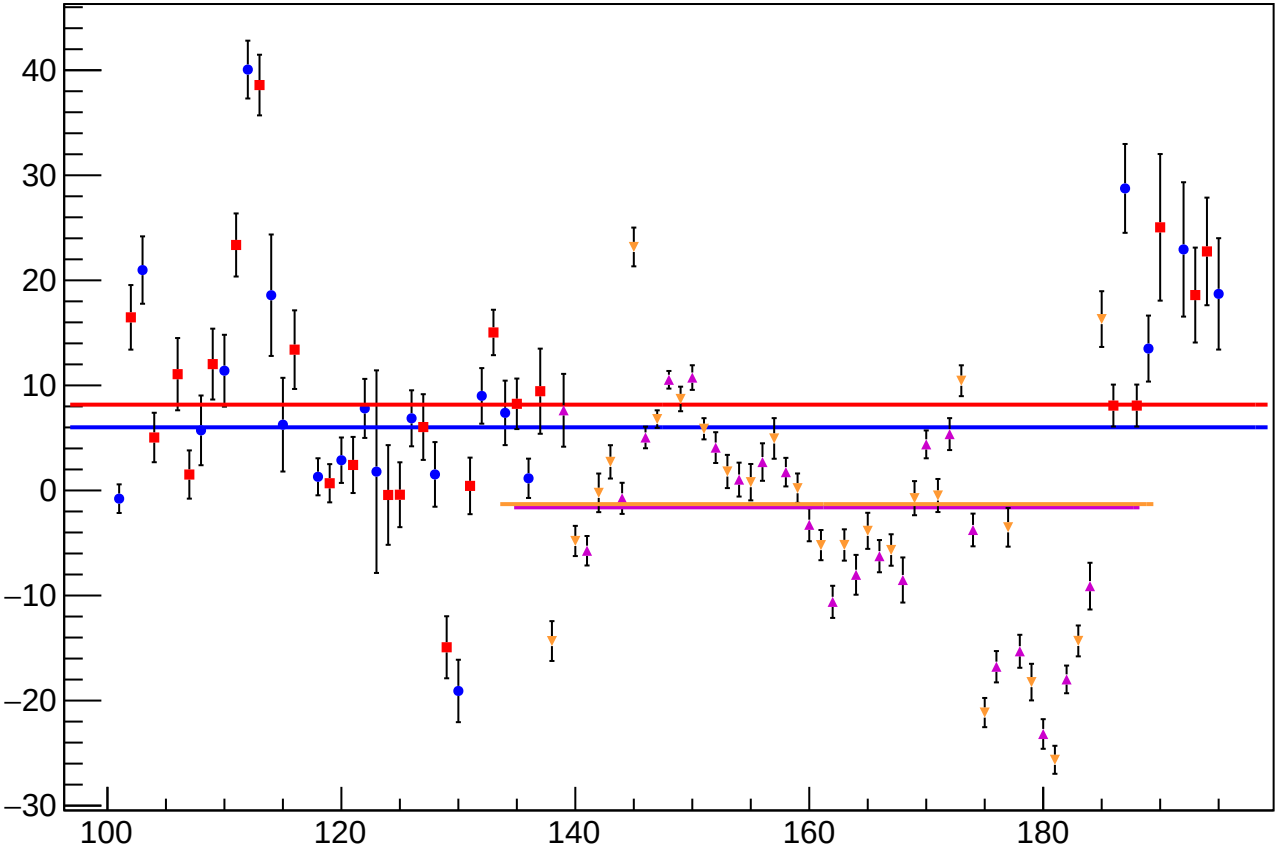
Right: -119.144+/-0.869 χ^2/NDF: 2356.2/8

In: -55.639+/-0.377 χ^2/NDF:5346.2/26

Out: -60.173+/-0.359 χ^2/NDF:9882.1/29

All: -58.021+/-0.260 χ^2/NDF: 15304.2/56

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.011+/-0.597 χ^2/NDF: 346.0/20

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 8.168+/-0.582 χ^2/NDF: 290.1/22

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

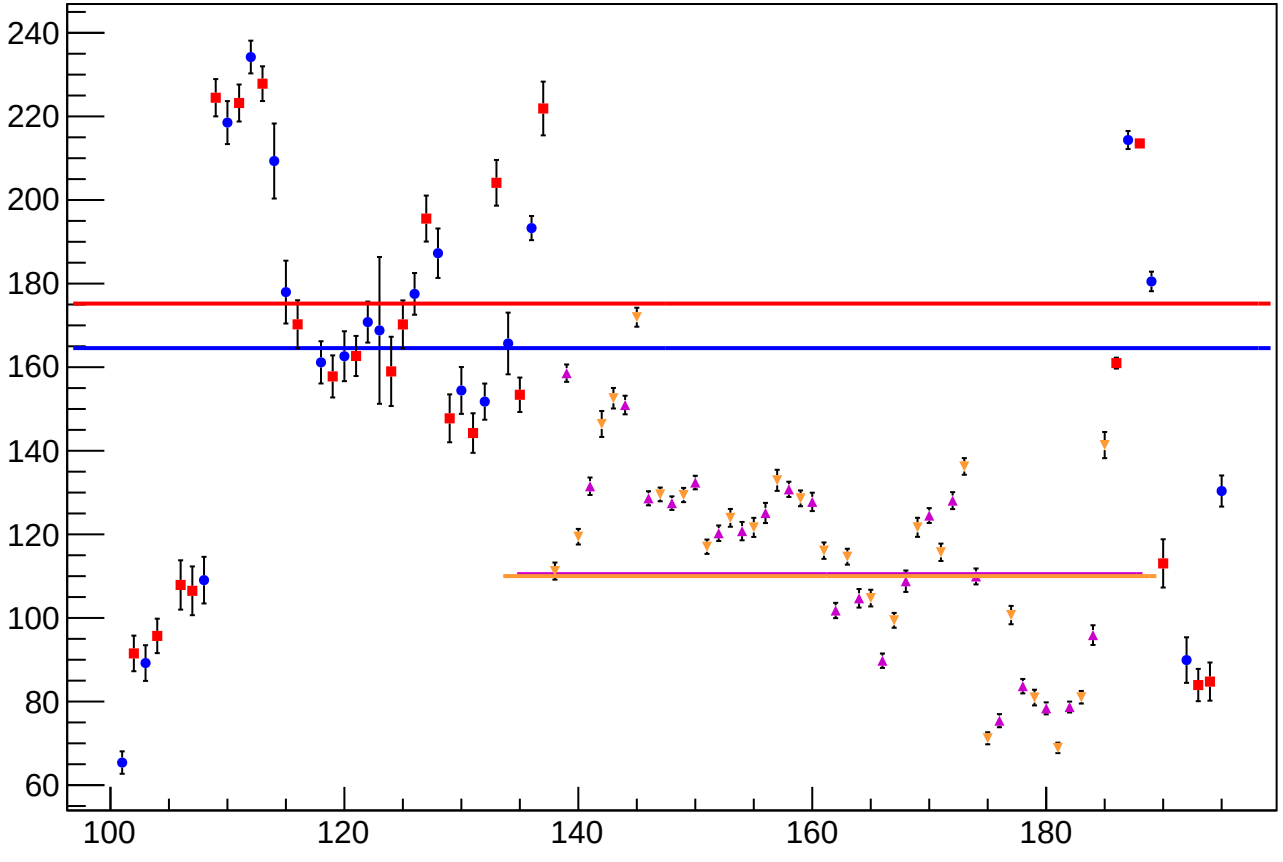
Right: 7.117+/-0.417 χ^2/NDF: 642.7/43

In: -0.074+/-0.268 χ^2/NDF:1573.6/43

Out: 0.610+/-0.261 χ^2/NDF:1817.2/47

All: 0.276+/-0.187 χ^2/NDF: 3394.1/91

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 164.564+/-0.889 χ^2/NDF: 3212.6/20

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 175.216+/-0.676 χ^2/NDF: 3913.6/22

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

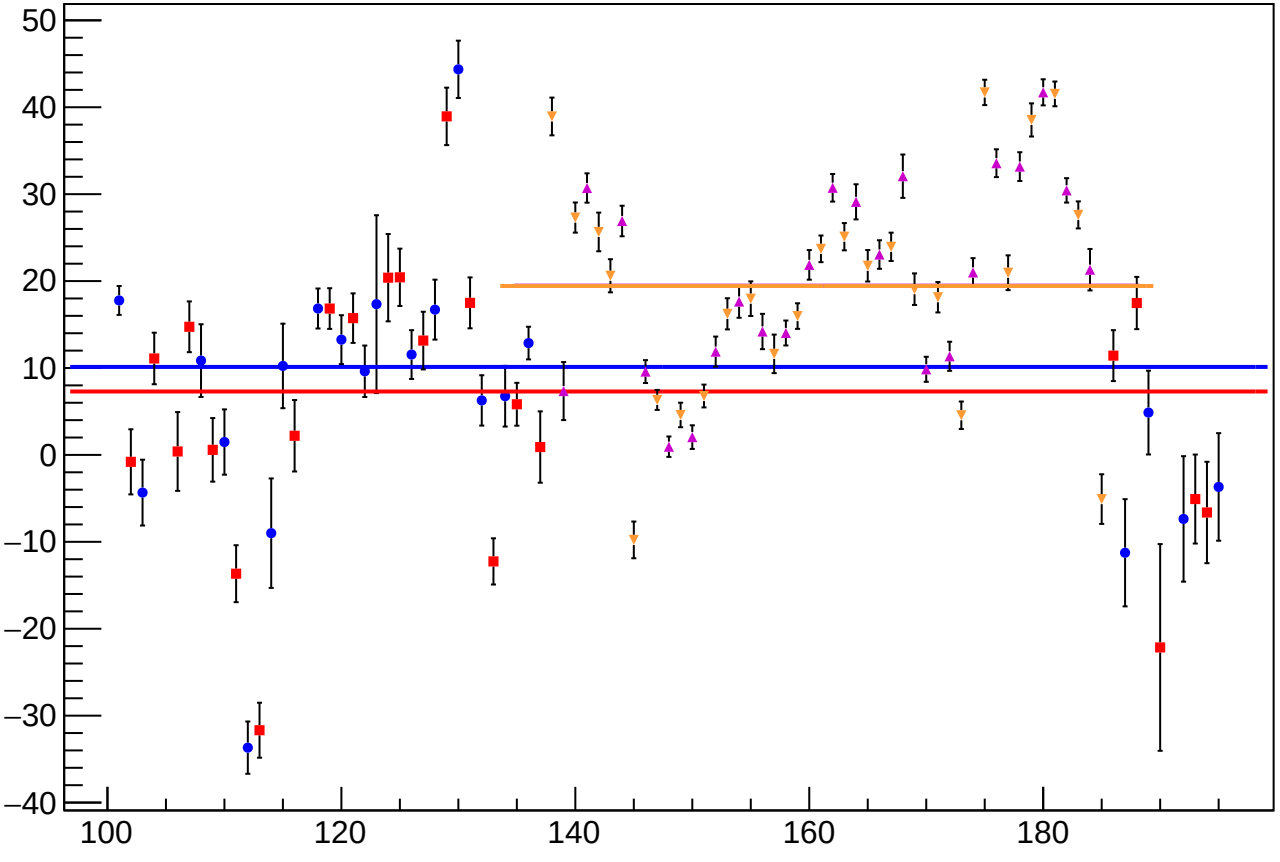
Right: 171.313+/-0.538 χ^2/NDF: 7217.2/43

In: 119.014+/-0.353 χ^2/NDF:10155.4/43

Out: 125.843+/-0.333 χ^2/NDF:15496.2/47

All: 122.627+/-0.242 χ^2/NDF: 25849.6/91

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.122+/-0.693 χ^2/NDF: 413.3/20

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.294+/-0.693 χ^2/NDF: 455.8/22

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

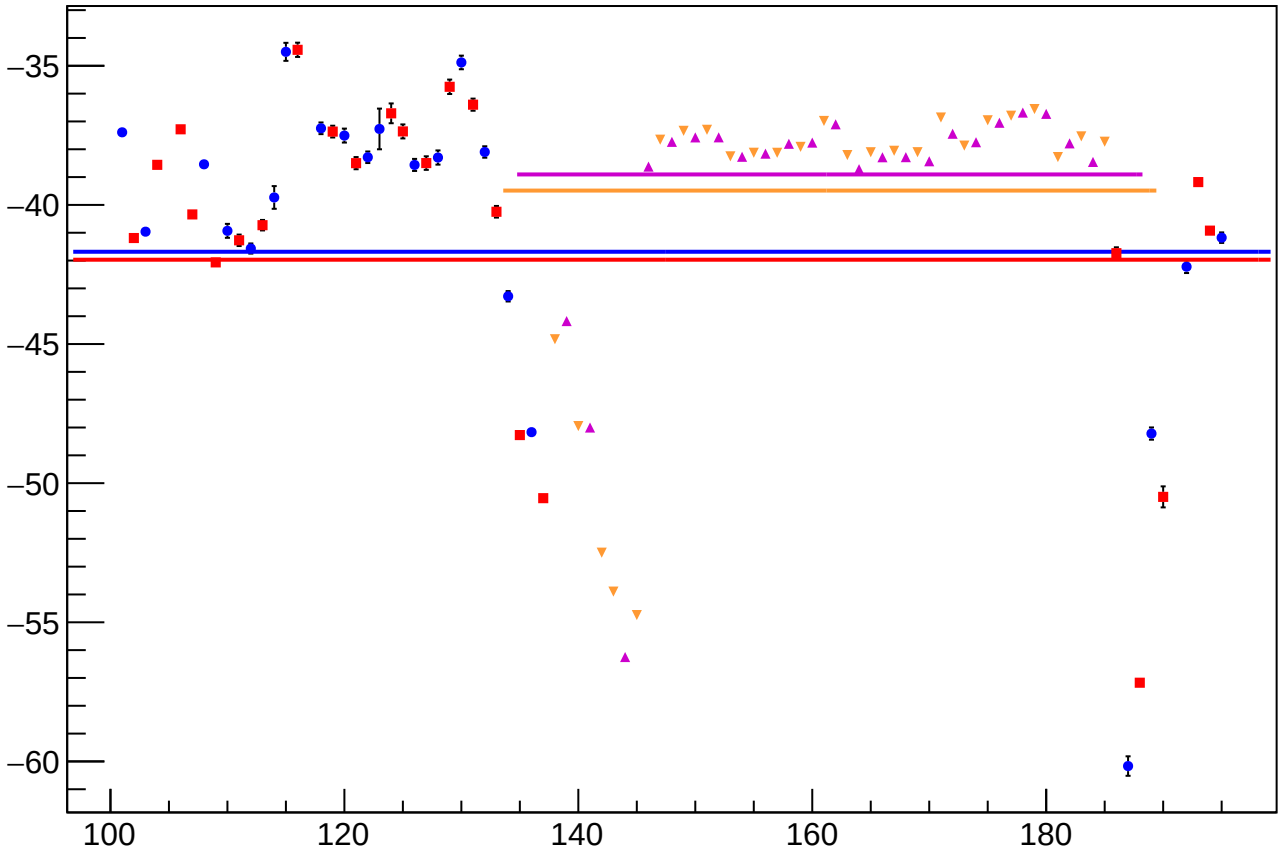
Right: 8.708+/-0.490 χ^2/NDF: 877.3/43

In: 17.646+/-0.306 χ^2/NDF:1747.7/43

Out: 17.130+/-0.302 χ^2/NDF:2156.6/47

All: 17.384+/-0.215 χ^2/NDF: 3905.7/91

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.683+/-0.036 χ^2/NDF: 16370.1/20

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.969+/-0.035 χ^2/NDF: 22296.8/22

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

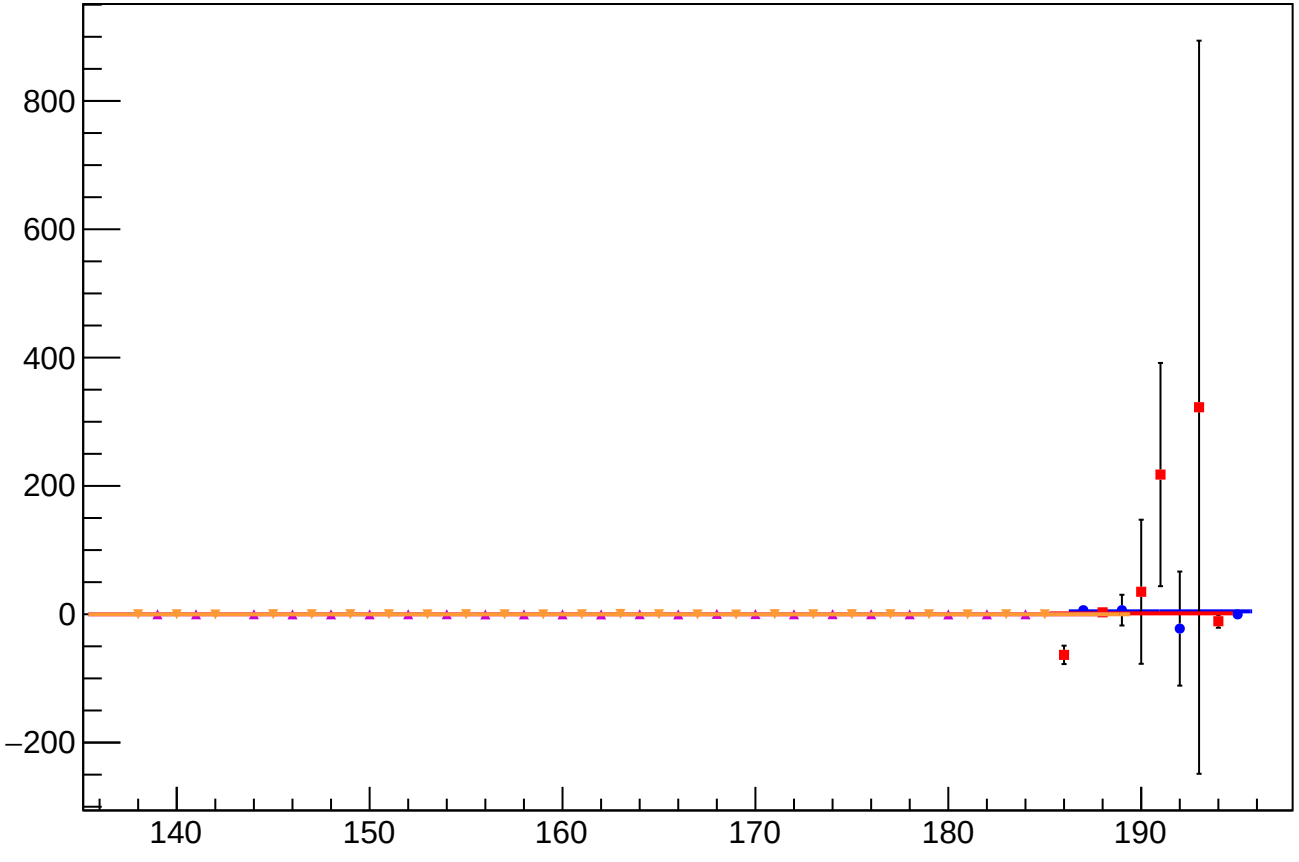
Right: -41.831+/-0.025 χ^2/NDF: 38698.7/43

In: -39.344+/-0.015 χ^2/NDF:75536.2/43

Out: -39.899+/-0.014 χ^2/NDF:115319.6/47

All: -39.623+/-0.010 χ^2/NDF: 191595.3/91

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.510+/-2.545 χ^2/NDF: 1.4/3

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 1.349+/-1.910 χ^2/NDF: 24.5/5

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

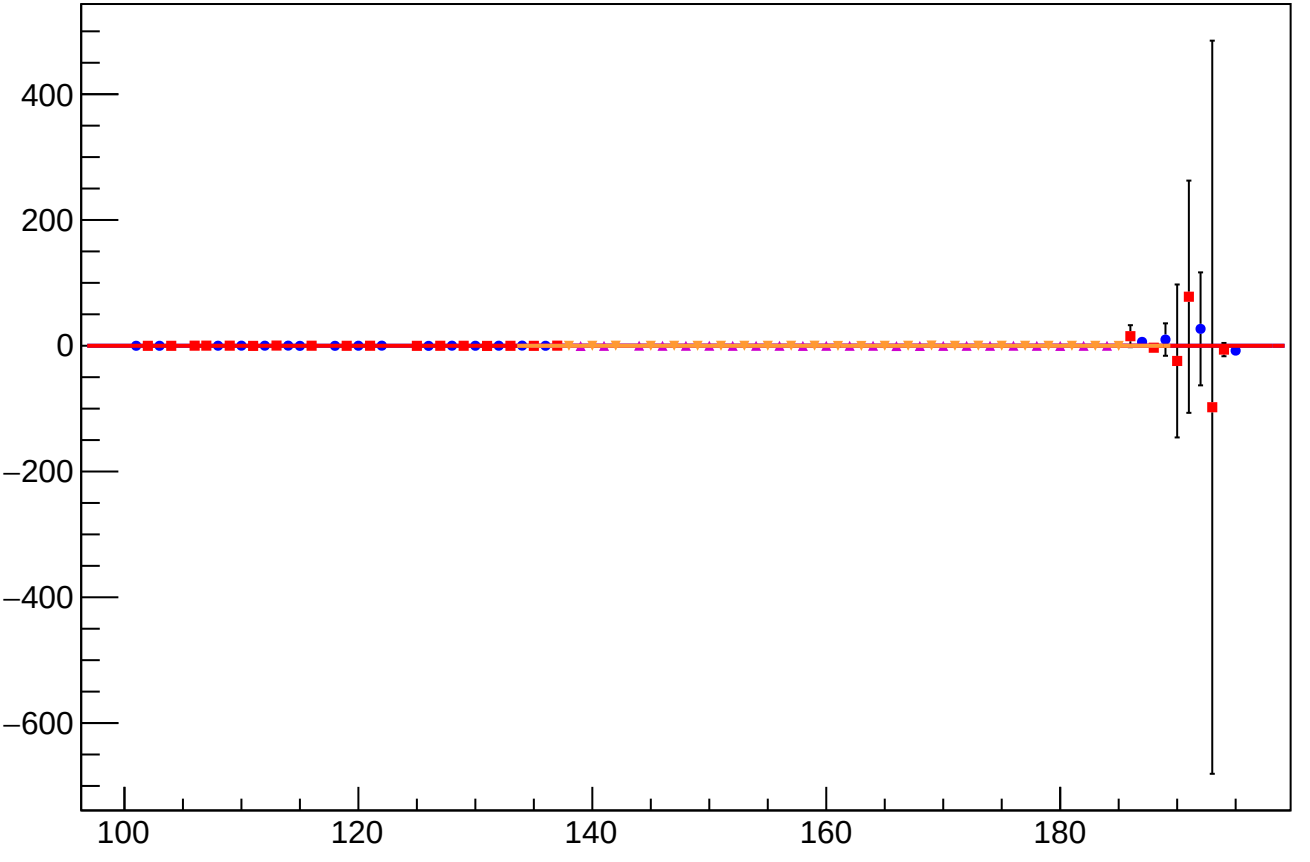
Right: 2.488+/-1.527 χ^2/NDF: 26.9/9

In: -0.025+/-0.022 χ^2/NDF:36.8/26

Out: -0.089+/-0.022 χ^2/NDF:65.1/29

All: -0.057+/-0.016 χ^2/NDF: 106.0/56

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 16.1/19

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.051+/-0.029 χ^2/NDF: 23.5/22

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

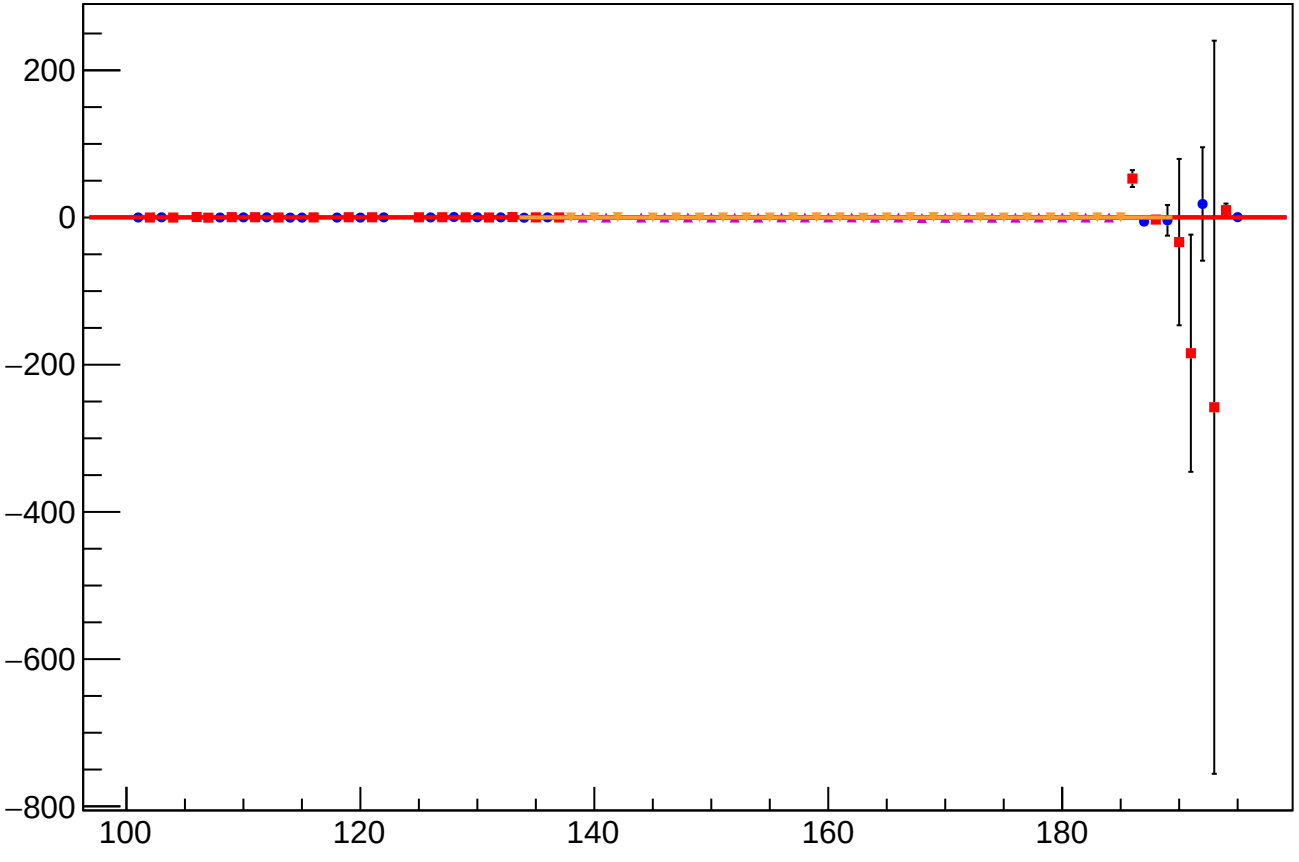
Right: -0.024+/-0.020 χ^2/NDF: 41.3/42

In: -0.039+/-0.015 χ^2/NDF:51.2/42

Out: -0.073+/-0.015 χ^2/NDF:50.0/46

All: -0.056+/-0.011 χ^2/NDF: 103.9/89

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.168+/-0.052 χ^2/NDF: 19.1/19

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.238+/-0.054 χ^2/NDF: 44.7/22

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

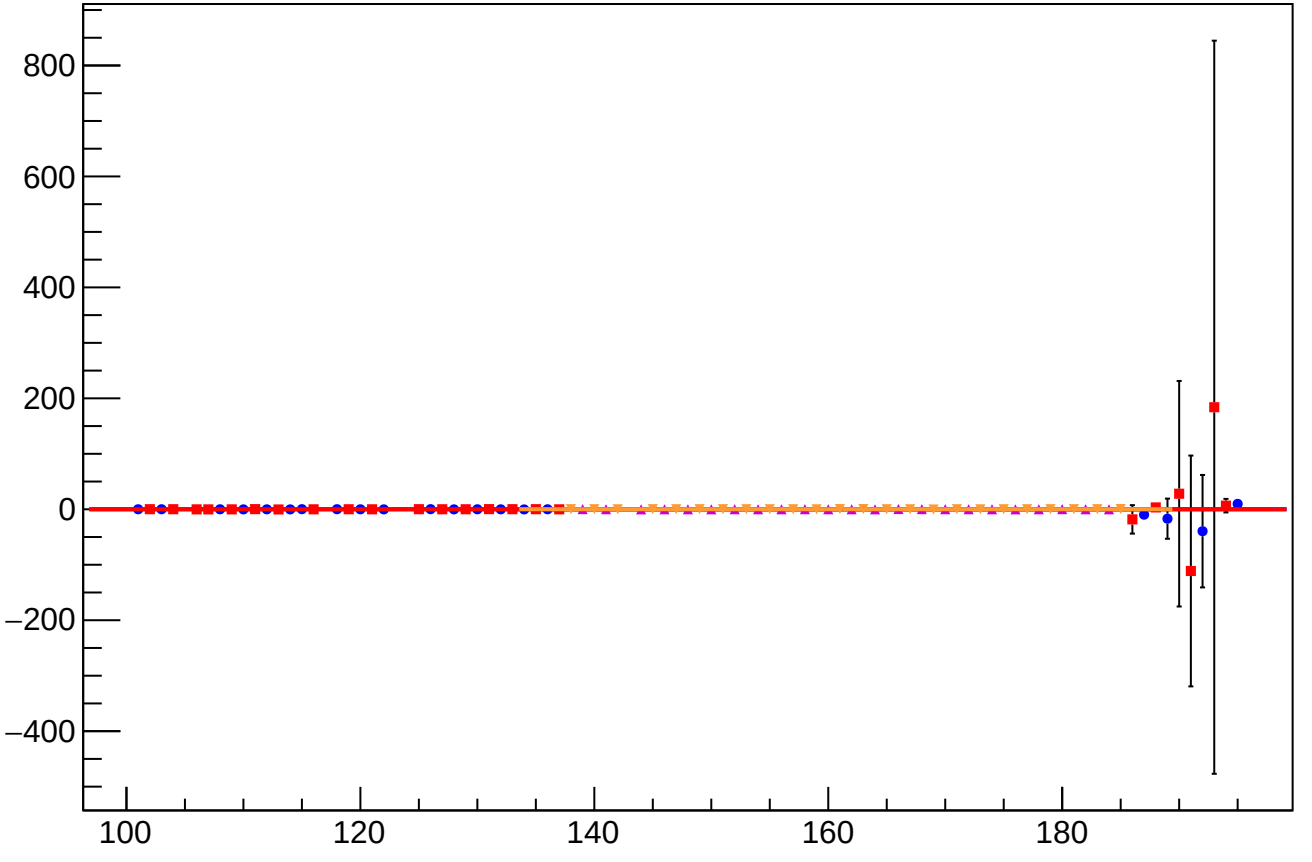
Right: 0.202+/-0.038 χ^2/NDF: 64.7/42

In: 0.043+/-0.020 χ^2/NDF:60.5/42

Out: 0.104+/-0.020 χ^2/NDF:90.5/46

All: 0.073+/-0.014 χ^2/NDF: 155.6/89

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 18.1/19

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 21.9/22

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

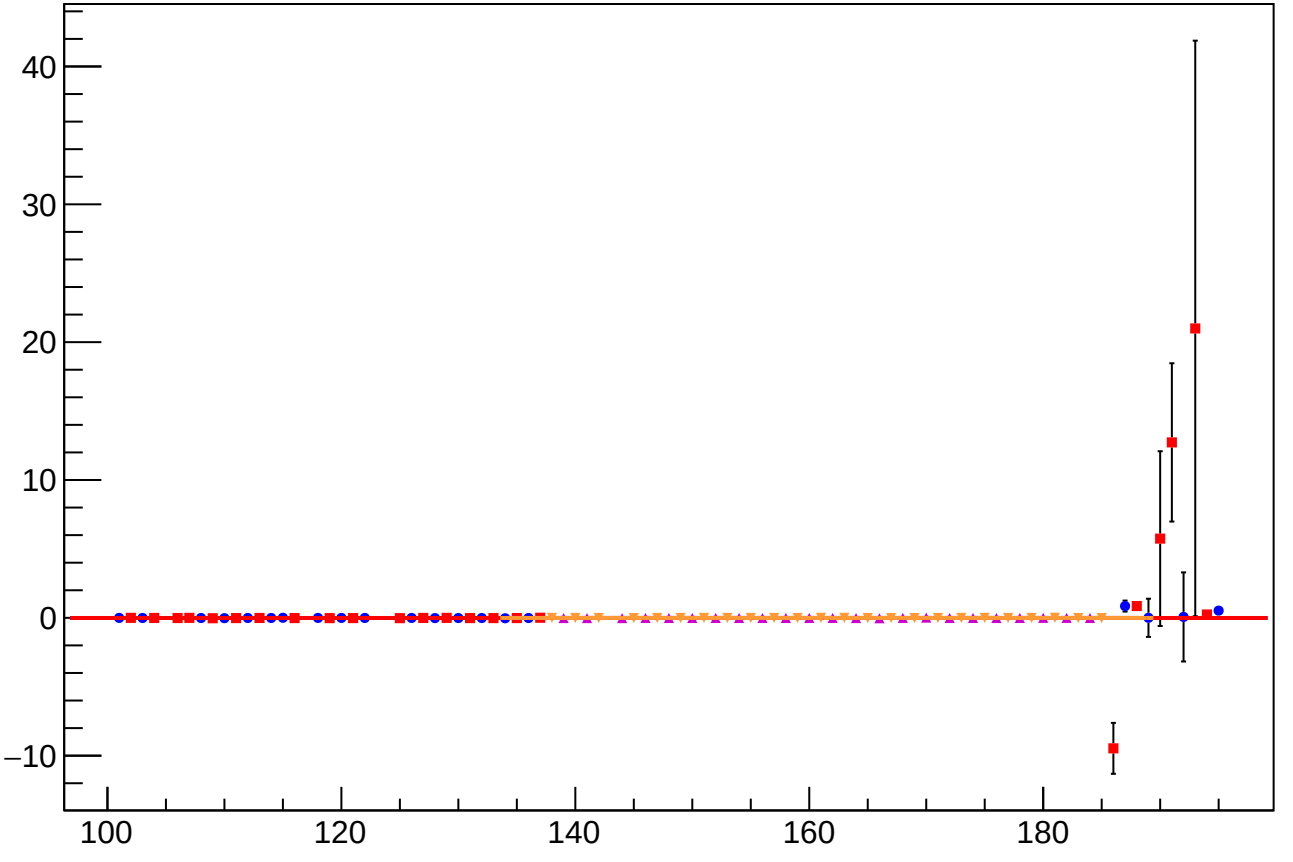
Right: 0.023+/-0.023 χ^2/NDF: 42.2/42

In: 0.050+/-0.017 χ^2/NDF:54.6/42

Out: 0.093+/-0.017 χ^2/NDF:52.8/46

All: 0.071+/-0.012 χ^2/NDF: 110.7/89

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 24.7/19

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 71.2/22

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

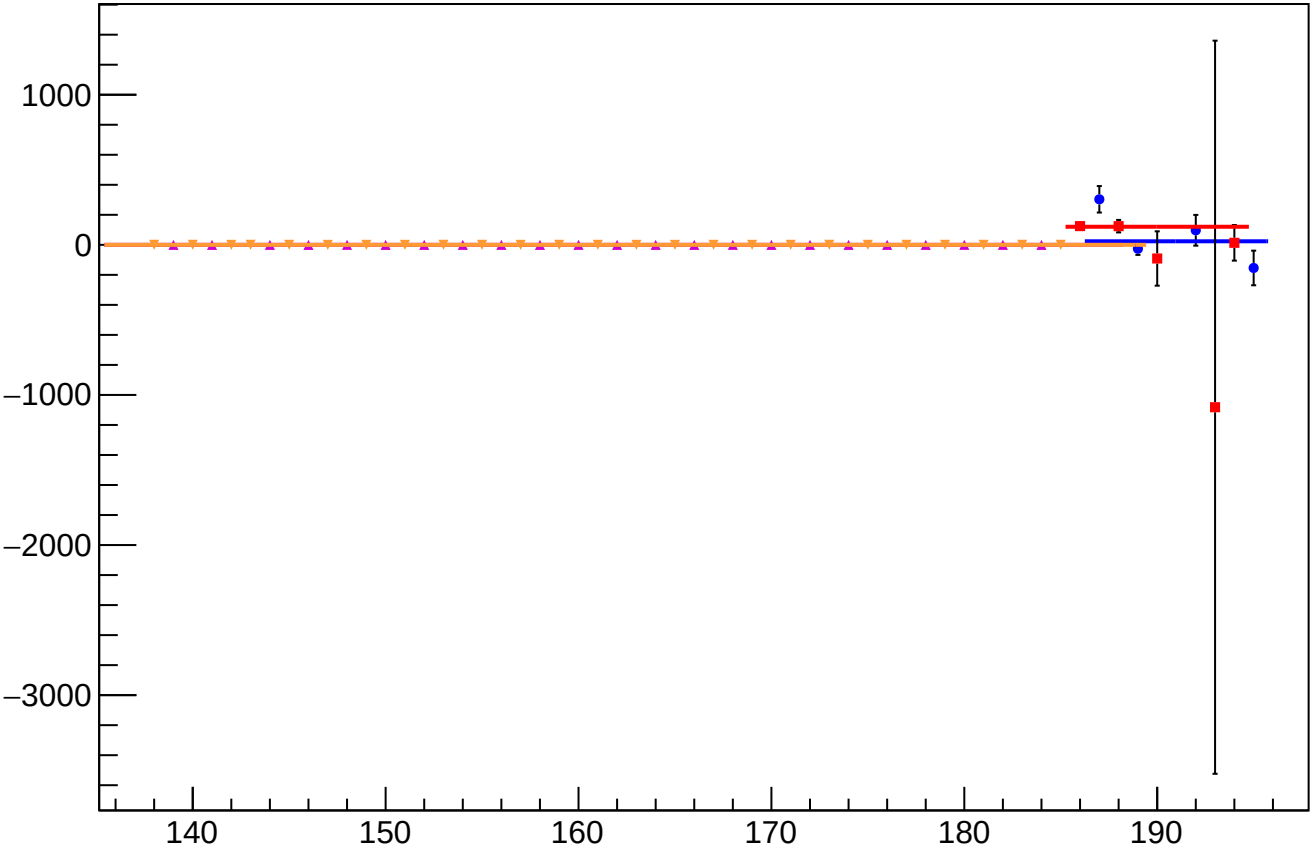
Right: -0.011+/-0.001 χ^2/NDF: 96.0/42

In: -0.009+/-0.001 χ^2/NDF:68.9/42

Out: -0.009+/-0.001 χ^2/NDF:103.8/46

All: -0.009+/-0.001 χ^2/NDF: 173.3/89

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.664+/-33.434 χ^2/NDF: 14.4/3

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 120.465+/-16.899 χ^2/NDF: 2.5/4

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

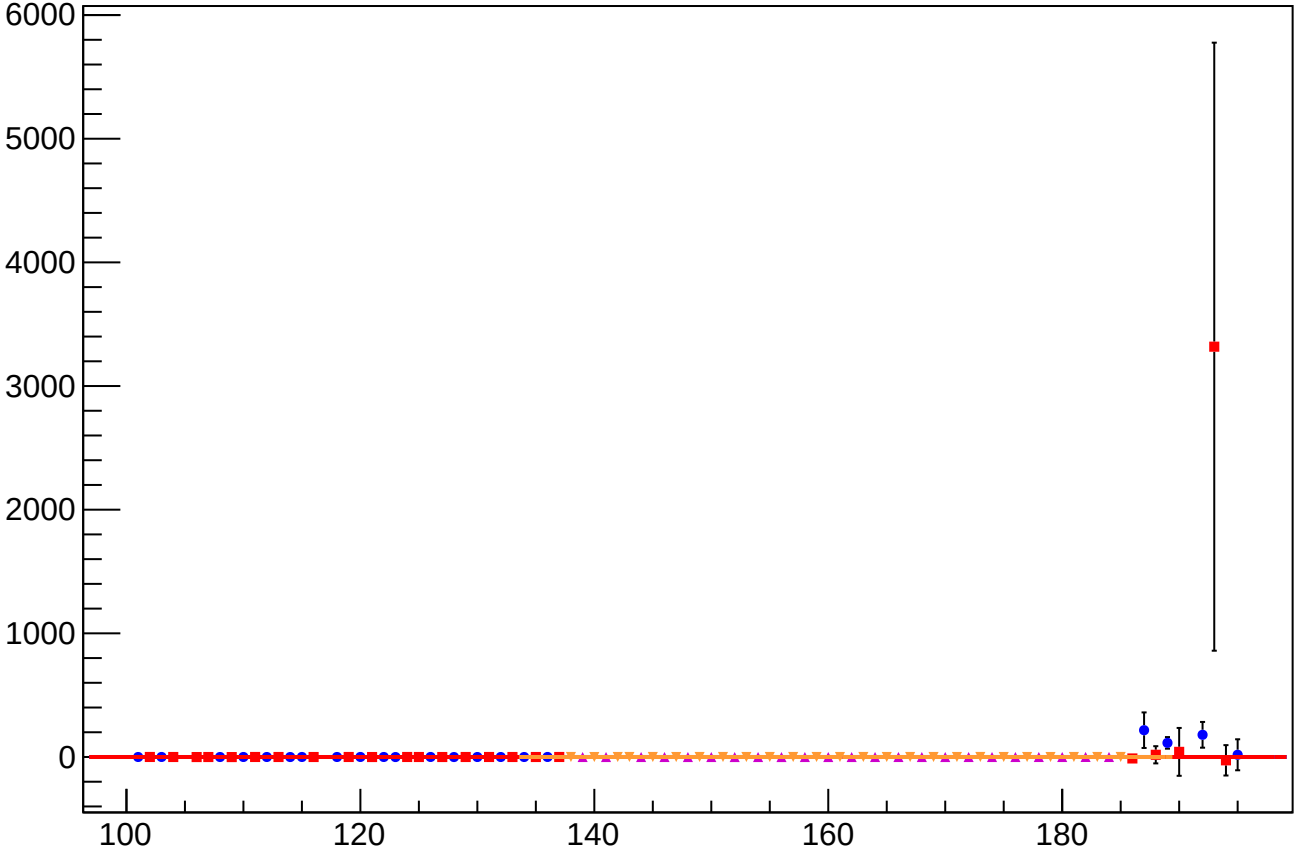
Right: 100.767+/-15.082 χ^2/NDF: 23.6/8

In: 0.004+/-0.028 χ^2/NDF:43.1/26

Out: 0.014+/-0.027 χ^2/NDF:82.4/29

All: 0.009+/-0.019 χ^2/NDF: 125.6/56

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 34.5/20

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 19.7/22

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

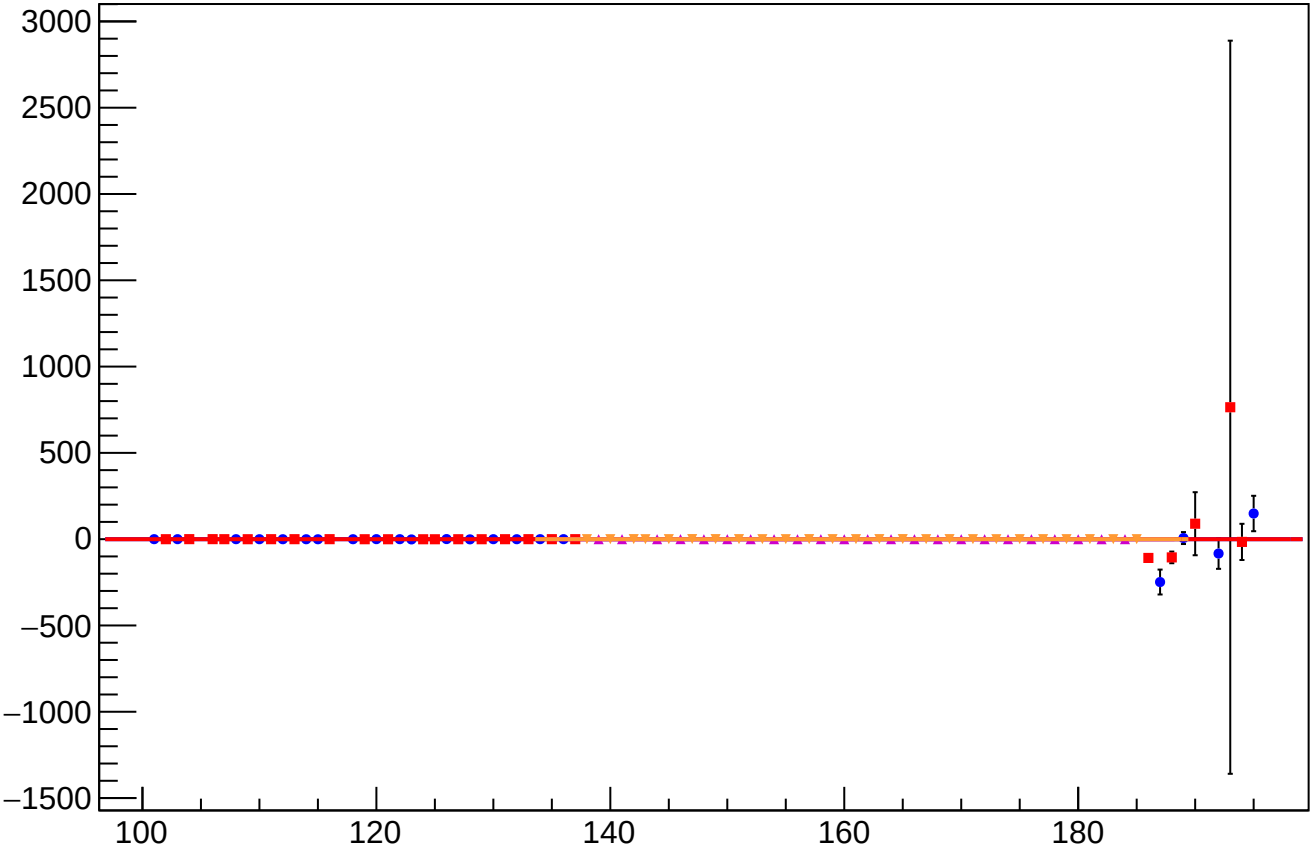
Right: -0.072+/-0.027 χ^2/NDF: 58.0/43

In: -0.059+/-0.019 χ^2/NDF:84.5/43

Out: -0.074+/-0.019 χ^2/NDF:47.6/47

All: -0.066+/-0.013 χ^2/NDF: 132.4/91

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.067 χ^2/NDF: 38.6/20

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 68.3/22

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

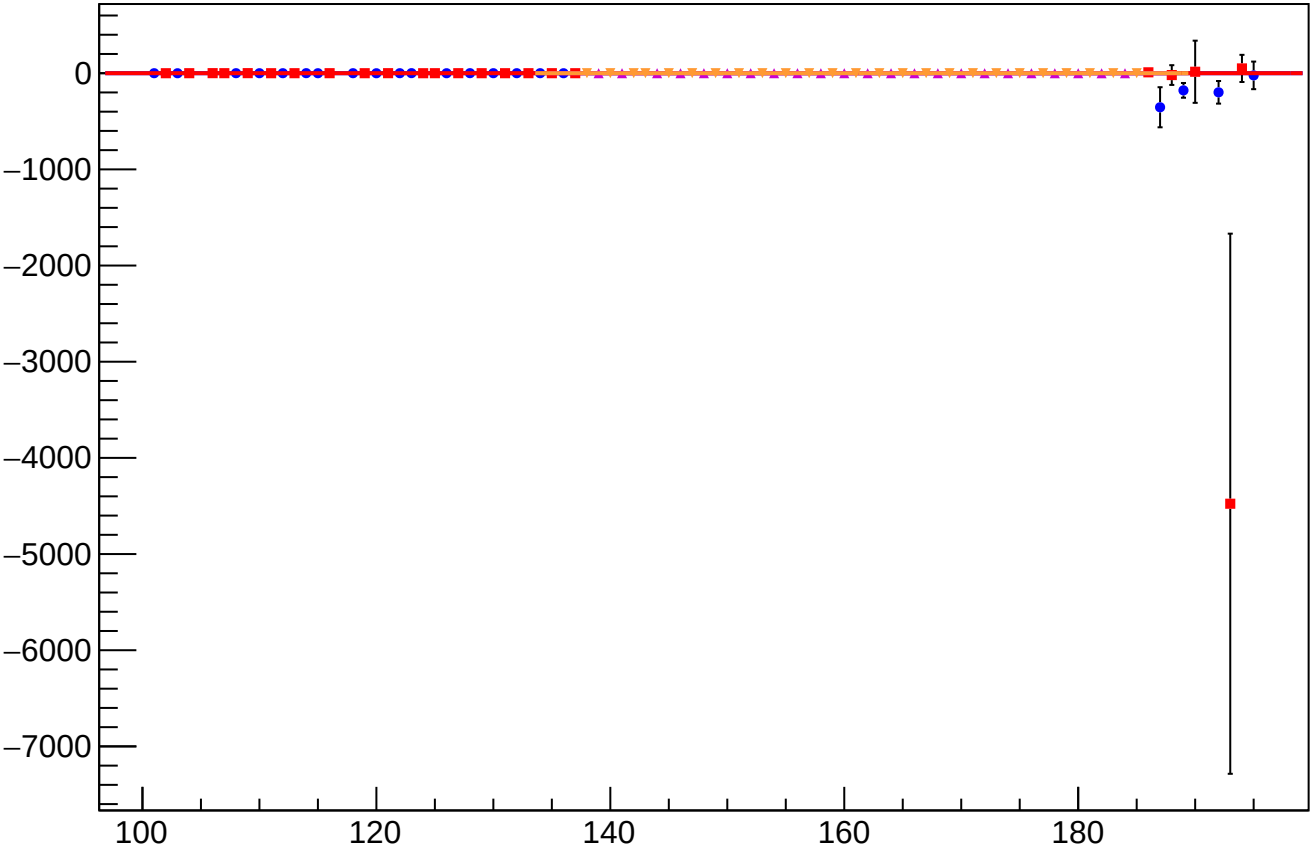
Right: -0.151+/-0.049 χ^2/NDF: 107.1/43

In: -0.048+/-0.025 χ^2/NDF:68.0/43

Out: -0.035+/-0.025 χ^2/NDF:99.8/47

All: -0.042+/-0.018 χ^2/NDF: 168.0/91

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 33.7/20

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 18.6/22

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

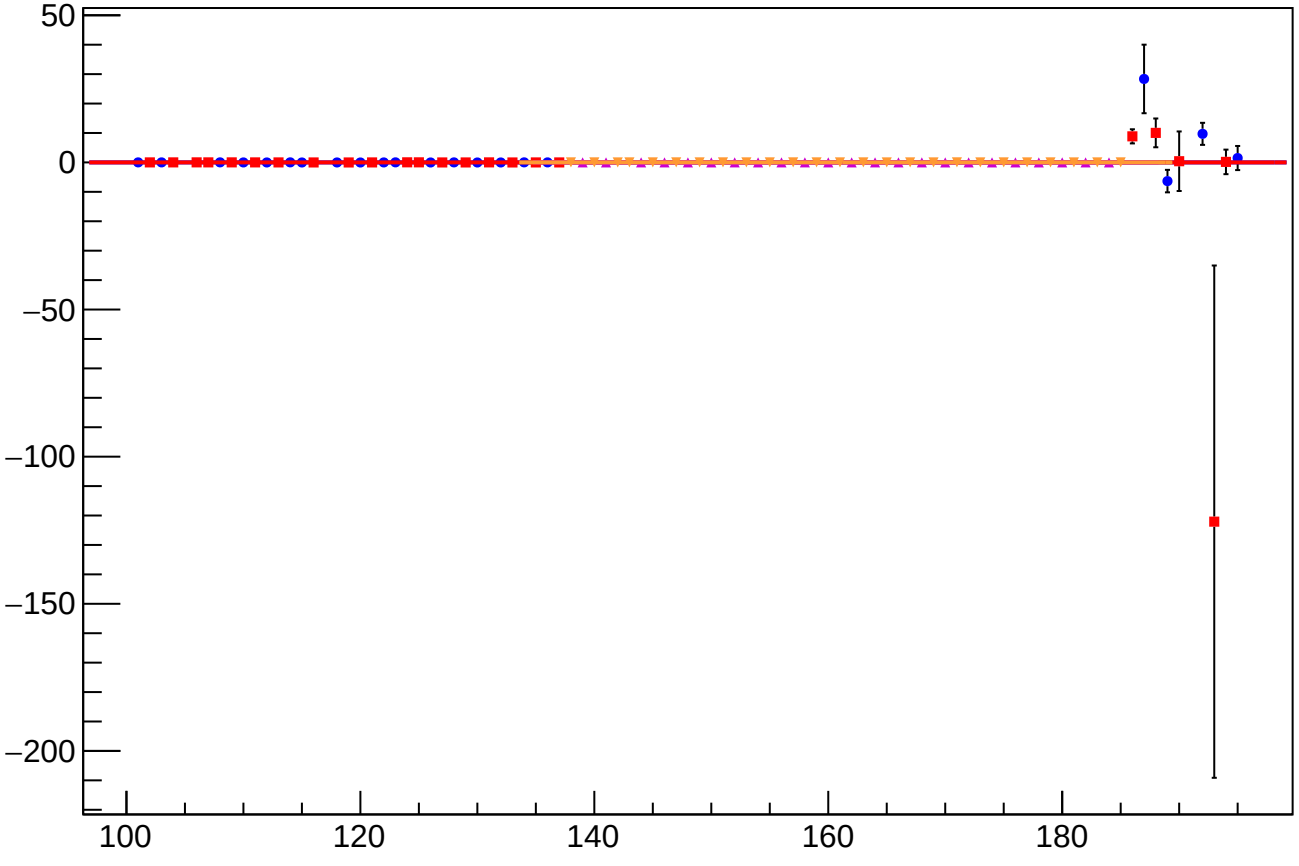
Right: 0.082+/-0.031 χ^2/NDF: 56.7/43

In: 0.057+/-0.021 χ^2/NDF:86.1/43

Out: 0.081+/-0.021 χ^2/NDF:46.7/47

All: 0.069+/-0.015 χ^2/NDF: 133.4/91

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 47.9/20

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 40.4/22

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

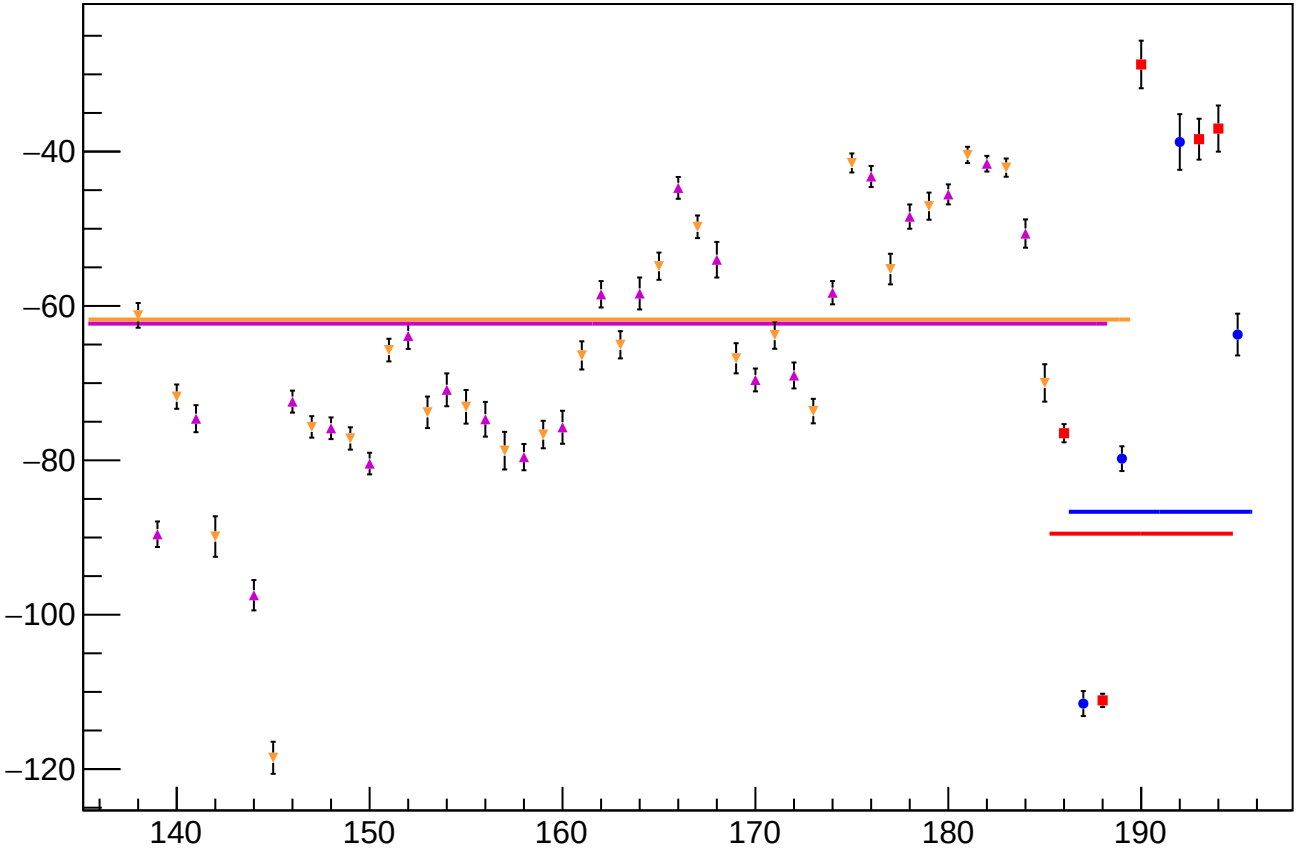
Right: 0.002+/-0.002 χ^2/NDF: 88.5/43

In: 0.008+/-0.001 χ^2/NDF:73.8/43

Out: 0.007+/-0.001 χ^2/NDF:71.6/47

All: 0.007+/-0.001 χ^2/NDF: 145.5/91

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -86.666+/-1.008 χ^2/NDF: 503.1/3

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -89.500+/-0.643 χ^2/NDF: 1816.8/4

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

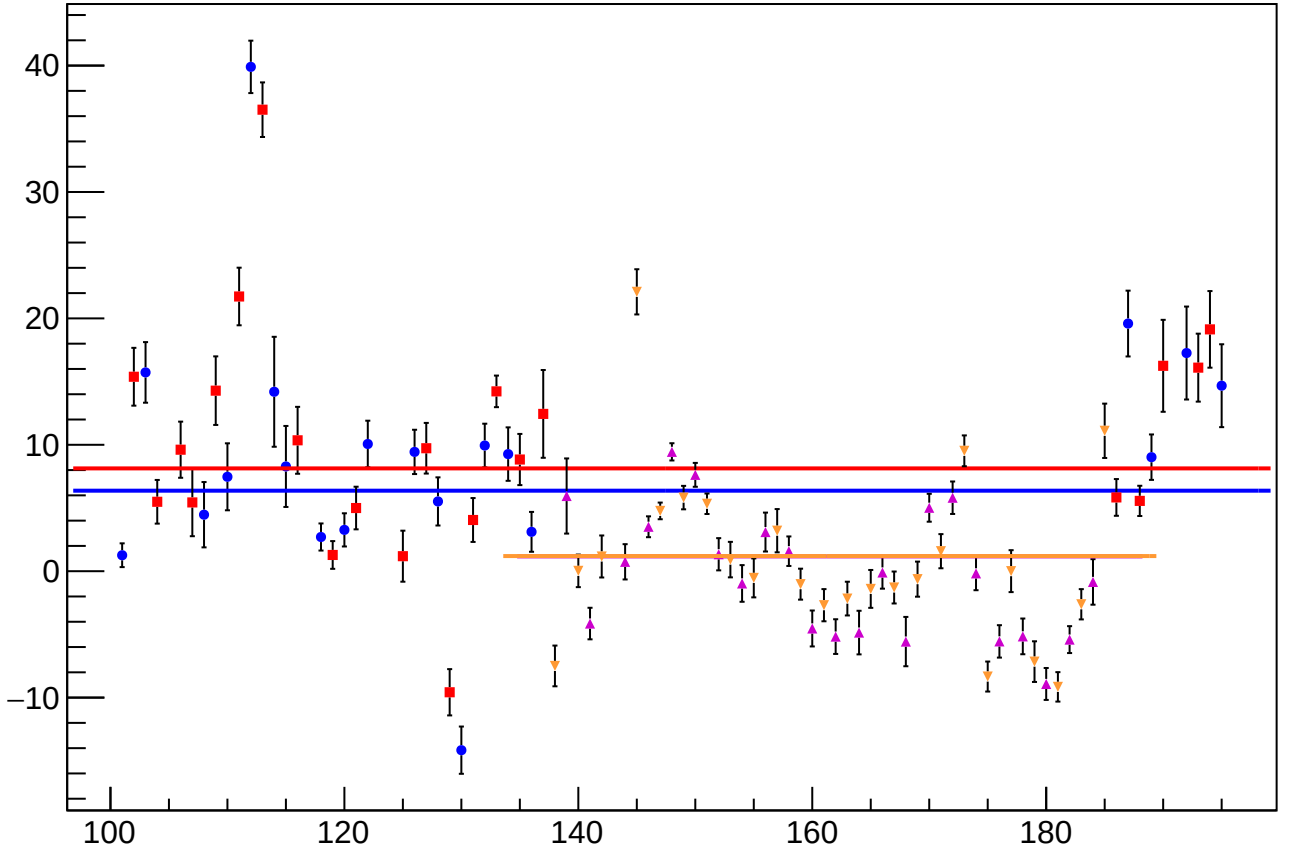
Right: -88.681+/-0.542 χ^2/NDF: 2325.5/8

In: -64.665+/-0.315 χ^2/NDF:3295.9/26

Out: -67.648+/-0.296 χ^2/NDF:5792.9/28

All: -66.246+/-0.216 χ^2/NDF: 9136.5/55

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.369+/-0.402 χ^2/NDF: 509.4/19

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.133+/-0.398 χ^2/NDF: 441.6/21

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

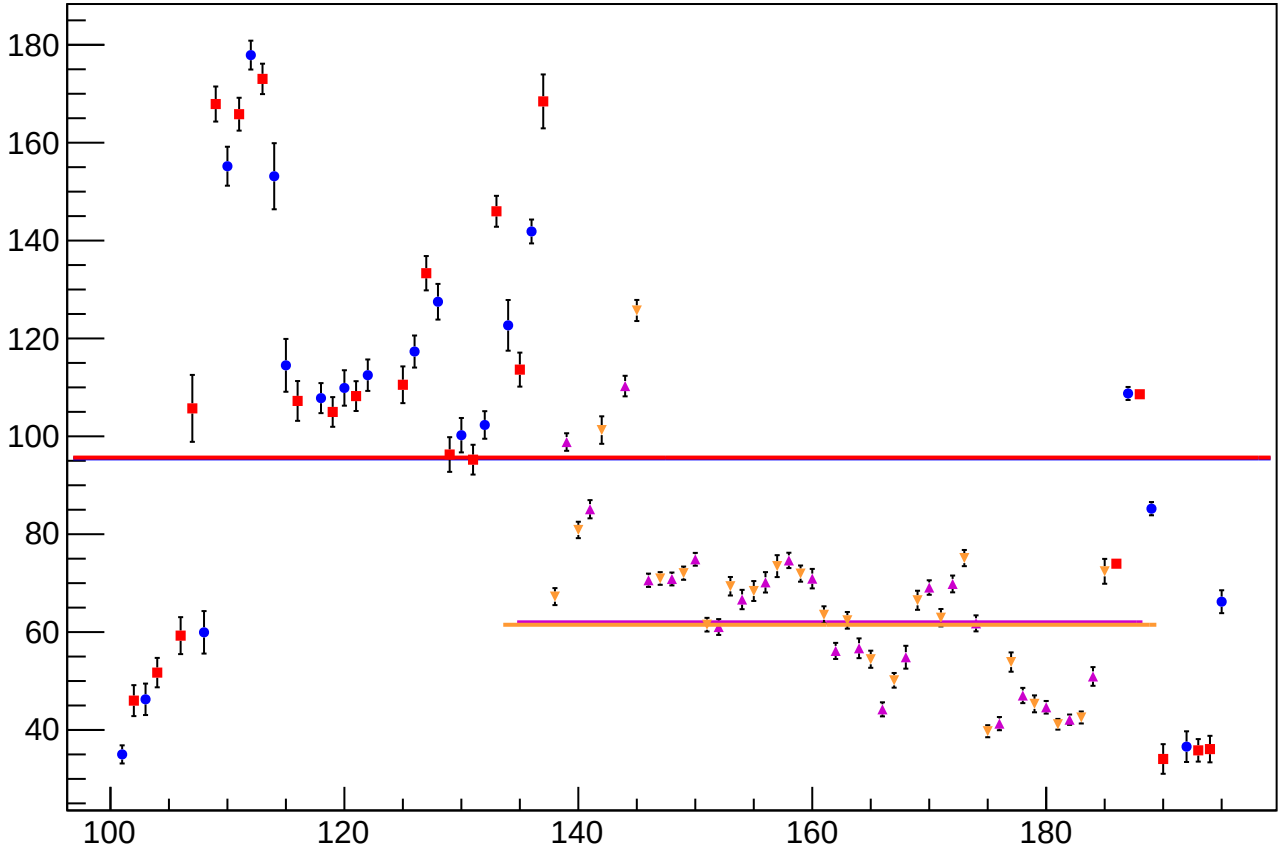
Right: 7.260+/-0.283 χ^2/NDF: 960.7/41

In: 2.662+/-0.215 χ^2/NDF:1095.1/42

Out: 3.190+/-0.213 χ^2/NDF:1184.5/45

All: 2.929+/-0.151 χ^2/NDF: 2282.6/88

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 95.490+/-0.584 χ^2/NDF: 3703.6/19

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 95.659+/-0.445 χ^2/NDF: 5091.3/21

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

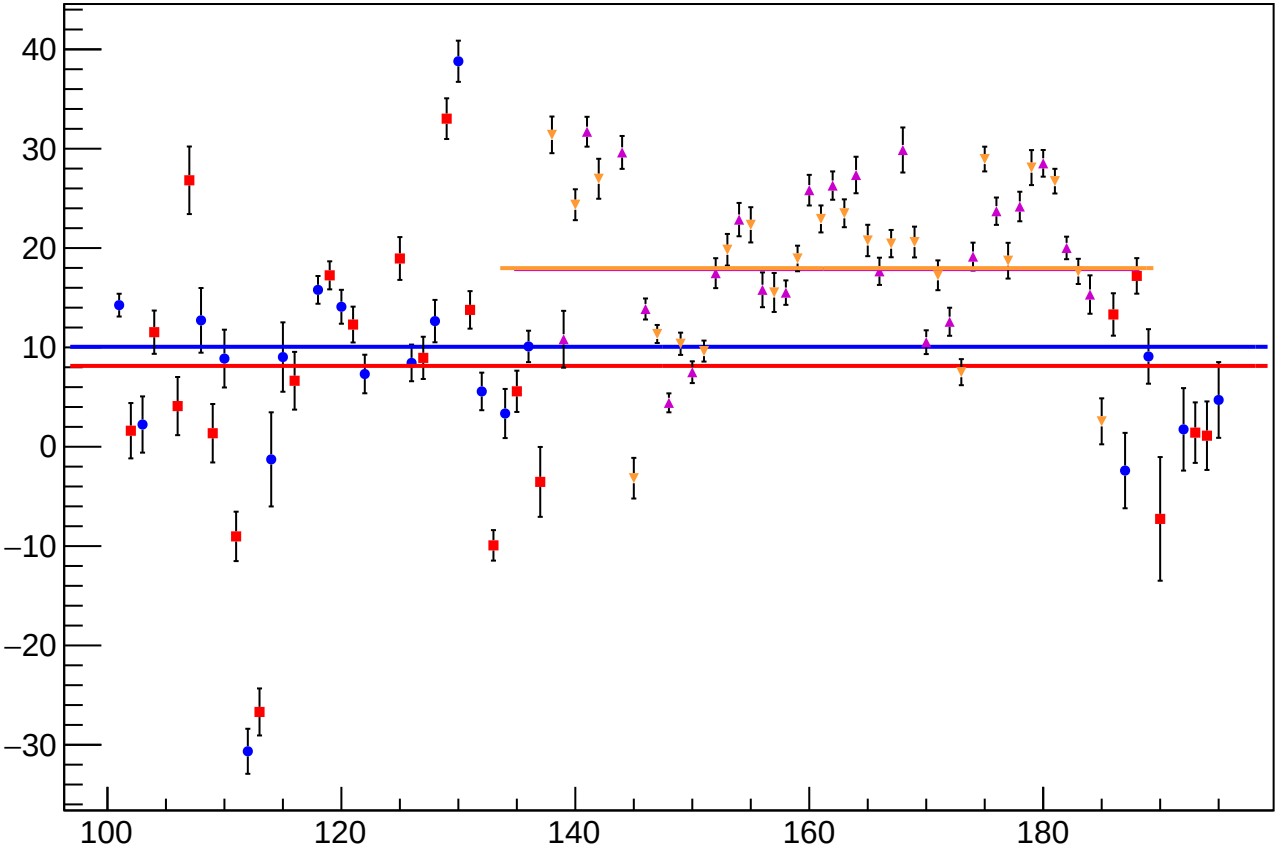
Right: 95.597+/-0.354 χ^2/NDF: 8795.0/41

In: 70.062+/-0.287 χ^2/NDF:8718.6/42

Out: 73.714+/-0.266 χ^2/NDF:11482.0/45

All: 72.022+/-0.195 χ^2/NDF: 20287.7/88

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.061+/-0.474 χ^2/NDF: 599.2/19

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 8.137+/-0.478 χ^2/NDF: 736.6/21

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

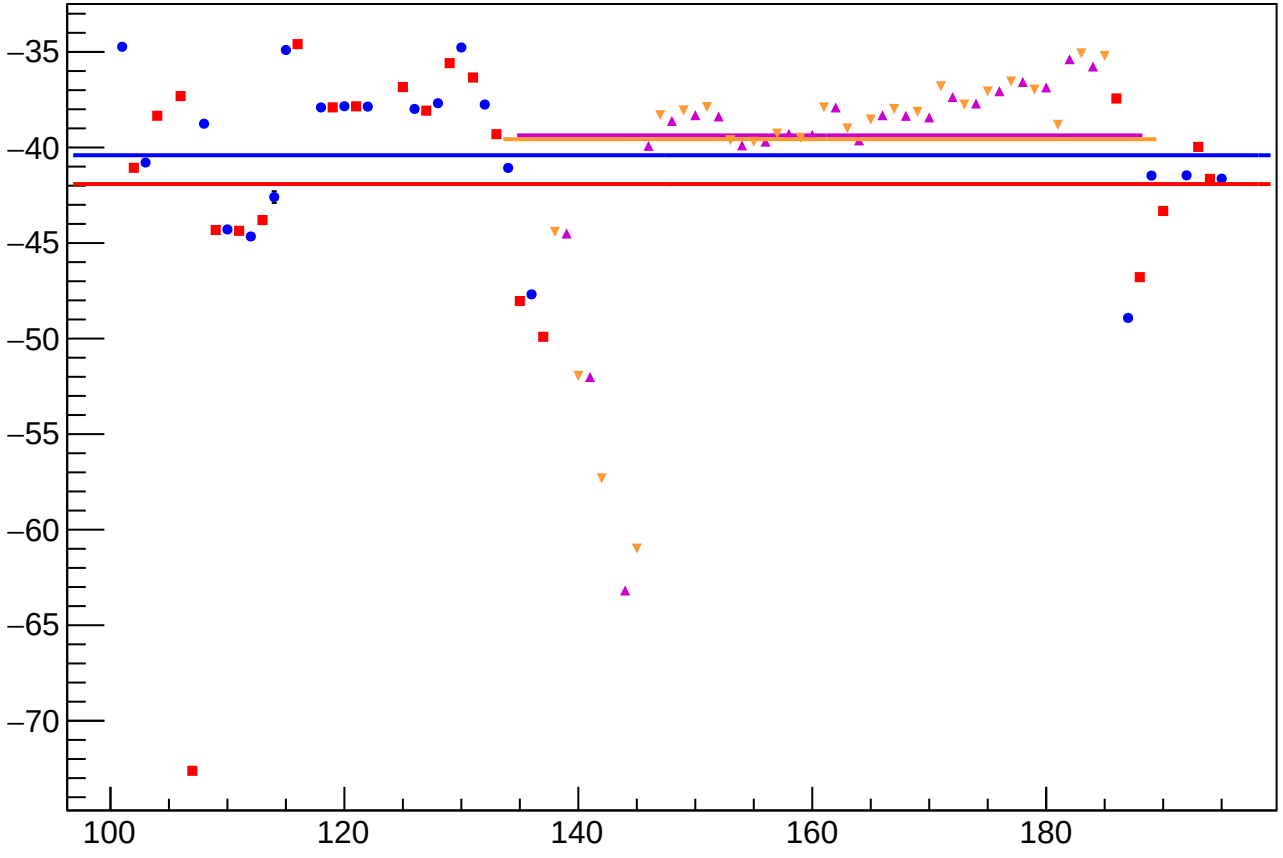
Right: 9.109+/-0.337 χ^2/NDF: 1344.0/41

In: 15.731+/-0.248 χ^2/NDF:1527.8/42

Out: 15.324+/-0.248 χ^2/NDF:1720.5/45

All: 15.527+/-0.176 χ^2/NDF: 3249.6/88

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.406+/-0.026 χ^2/NDF: 27085.1/19

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.915+/-0.025 χ^2/NDF: 64350.7/21

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

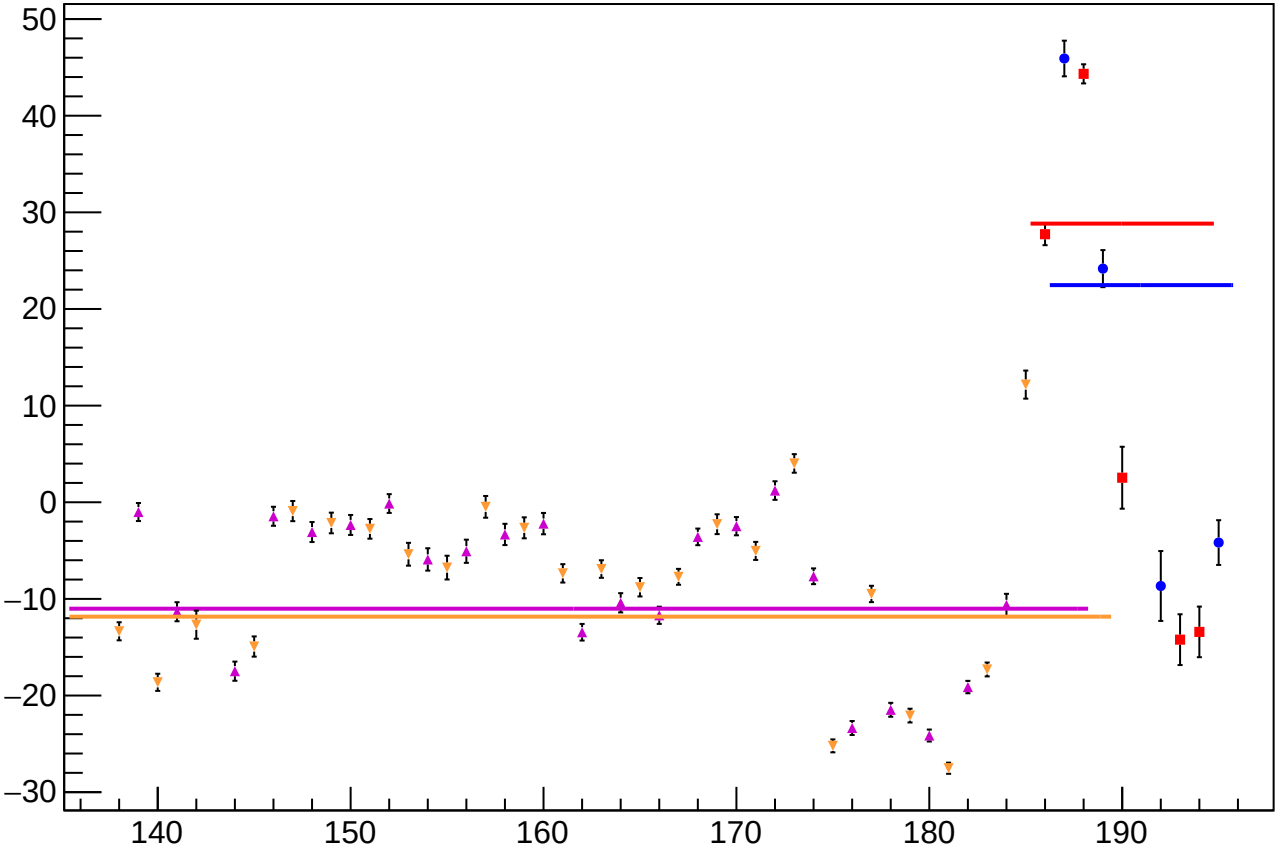
Right: -41.190+/-0.018 χ^2/NDF: 93186.5/41

In: -39.590+/-0.012 χ^2/NDF:146299.0/42

Out: -40.111+/-0.012 χ^2/NDF:212277.9/45

All: -39.850+/-0.009 χ^2/NDF: 359517.4/88

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 22.469+/-1.098 χ^2/NDF: 368.9/3

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 28.833+/-0.677 χ^2/NDF: 842.1/4

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

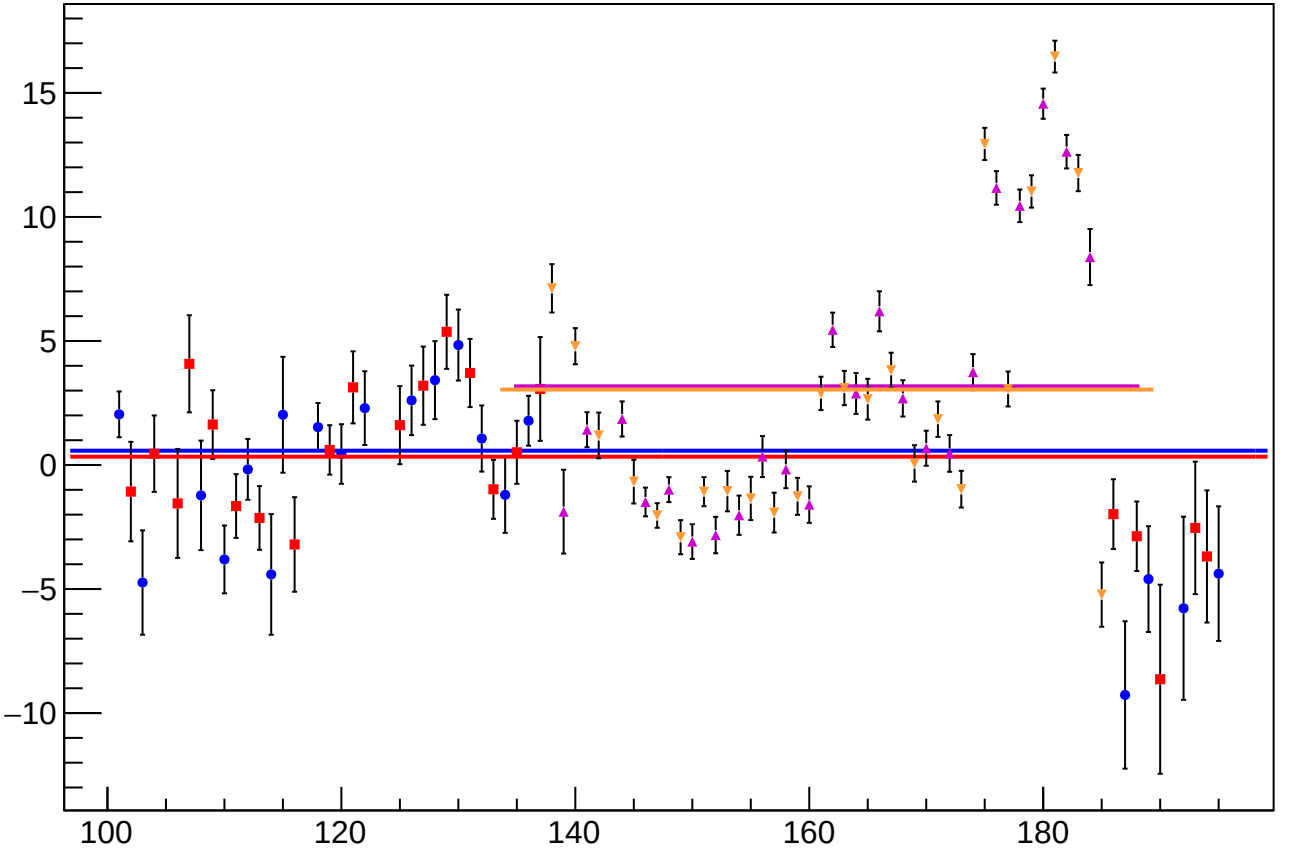
Right: 27.083+/-0.576 χ^2/NDF: 1235.3/8

In: -10.069+/-0.185 χ^2/NDF:3388.7/26

Out: -8.956+/-0.180 χ^2/NDF:6942.4/28

All: -9.499+/-0.129 χ^2/NDF: 10349.7/55

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.577+/-0.328 χ^2/NDF: 67.4/19

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.336+/-0.327 χ^2/NDF: 60.3/21

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

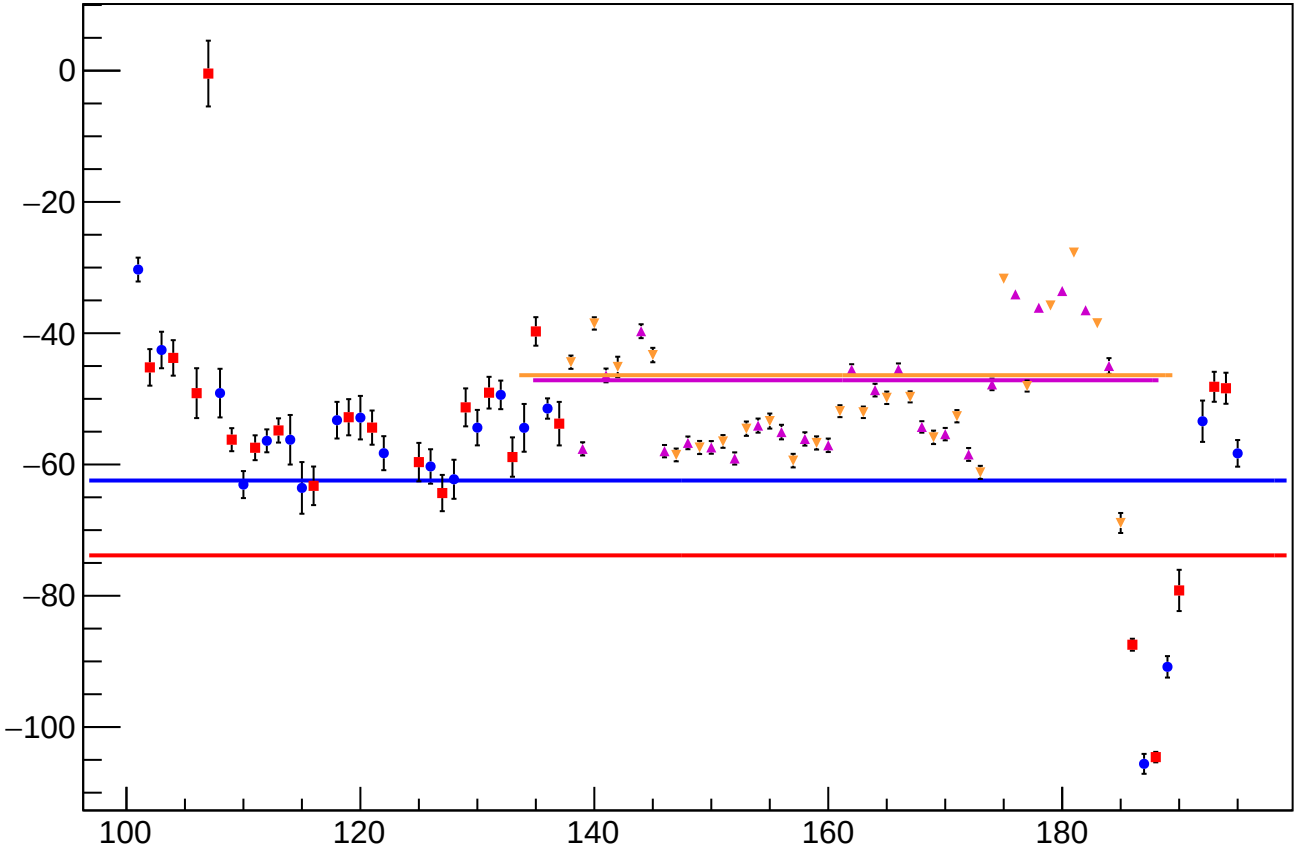
Right: 0.457+/-0.232 χ^2/NDF: 128.0/41

In: 2.726+/-0.136 χ^2/NDF:1417.1/42

Out: 2.584+/-0.135 χ^2/NDF:1569.7/45

All: 2.654+/-0.096 χ^2/NDF: 2987.3/88

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.442+/-0.511 χ^2/NDF: 1638.0/19

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -73.847+/-0.413 χ^2/NDF: 3357.9/21

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

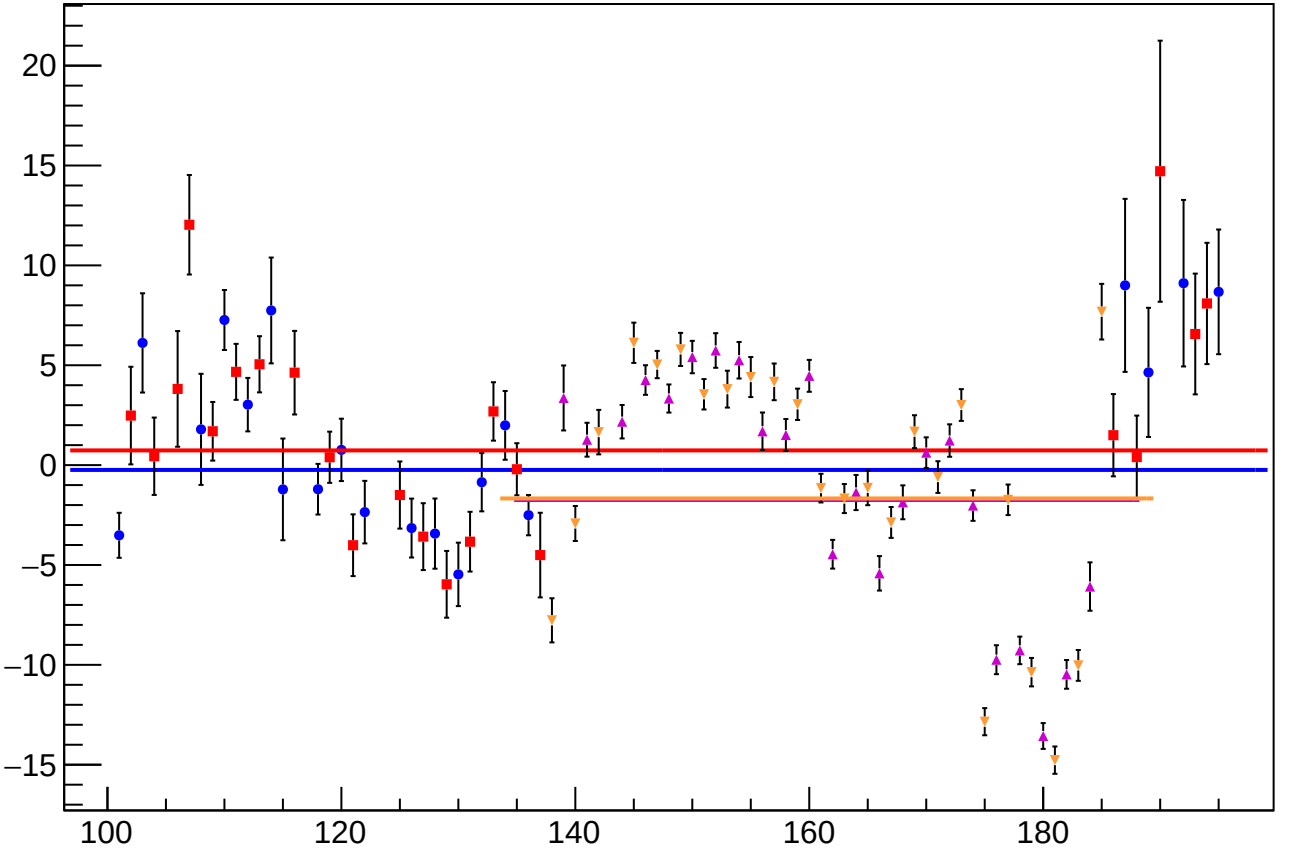
Right: -69.347+/-0.321 χ^2/NDF: 5297.0/41

In: -48.962+/-0.175 χ^2/NDF:4951.5/42

Out: -51.052+/-0.170 χ^2/NDF:10318.3/45

All: -50.038+/-0.122 χ^2/NDF: 15343.1/88

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.241+/-0.375 χ^2/NDF: 103.5/19

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.737+/-0.379 χ^2/NDF: 109.5/21

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

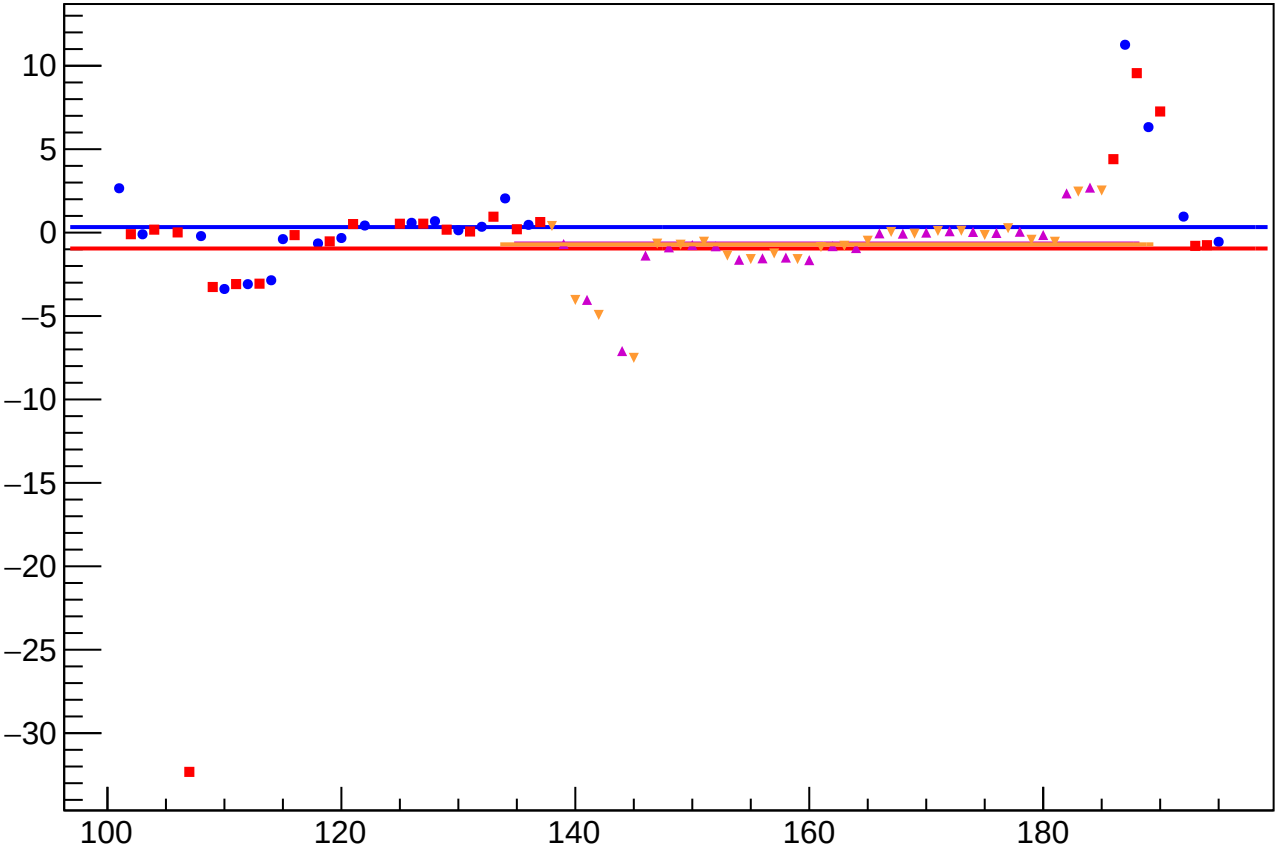
Right: 0.243+/-0.267 χ^2/NDF: 216.3/41

In: -1.494+/-0.154 χ^2/NDF:1370.9/42

Out: -1.278+/-0.153 χ^2/NDF:1622.5/45

All: -1.385+/-0.108 χ^2/NDF: 2994.4/88

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.331+/-0.020 χ^2/NDF: 9388.8/19

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.952+/-0.020 χ^2/NDF: 92074.6/21

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

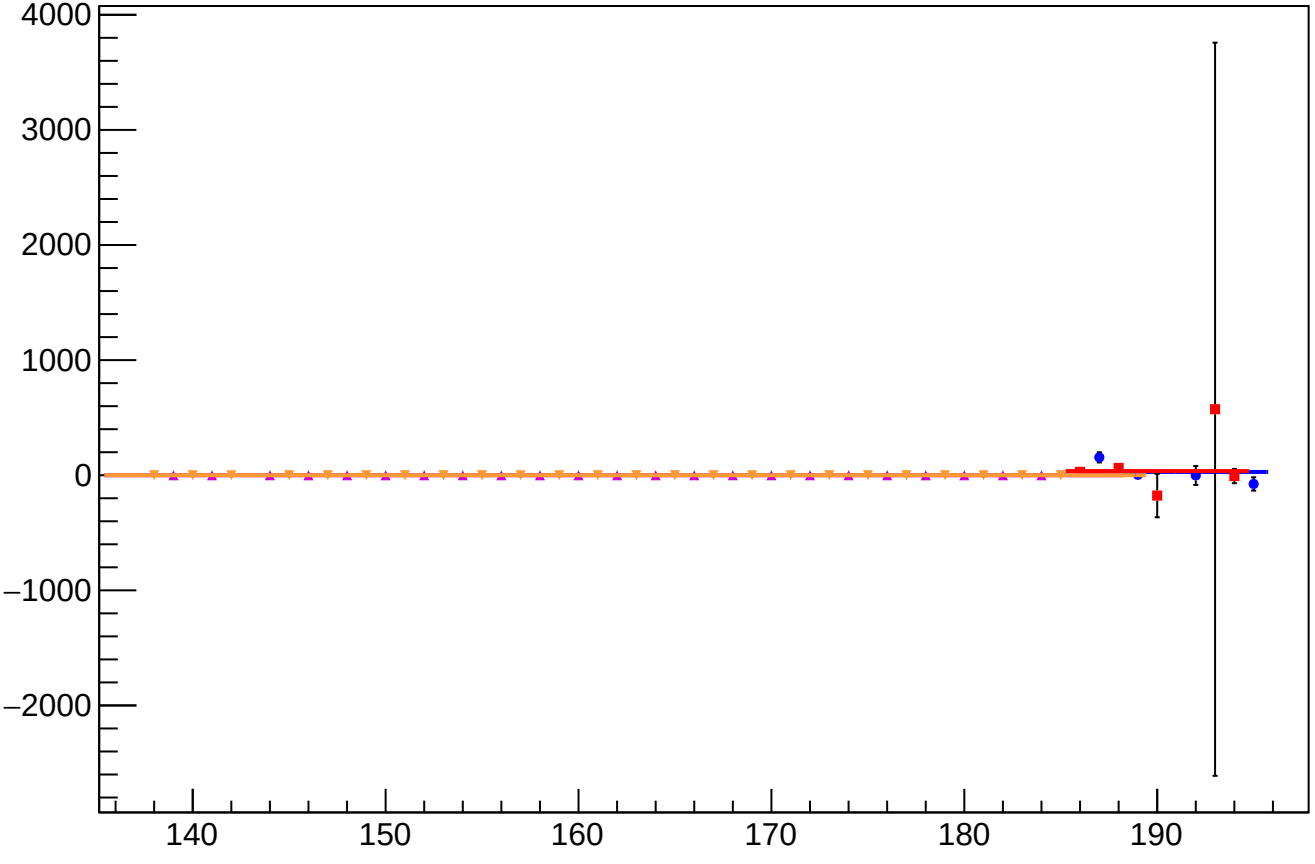
Right: -0.322+/-0.014 χ^2/NDF: 103482.3/41

In: -0.530+/-0.007 χ^2/NDF:55595.8/42

Out: -0.734+/-0.007 χ^2/NDF:145980.6/45

All: -0.633+/-0.005 χ^2/NDF: 201983.7/88

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 28.535+/-21.609 χ^2/NDF: 12.3/3

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 36.164+/-10.301 χ^2/NDF: 3.8/4

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

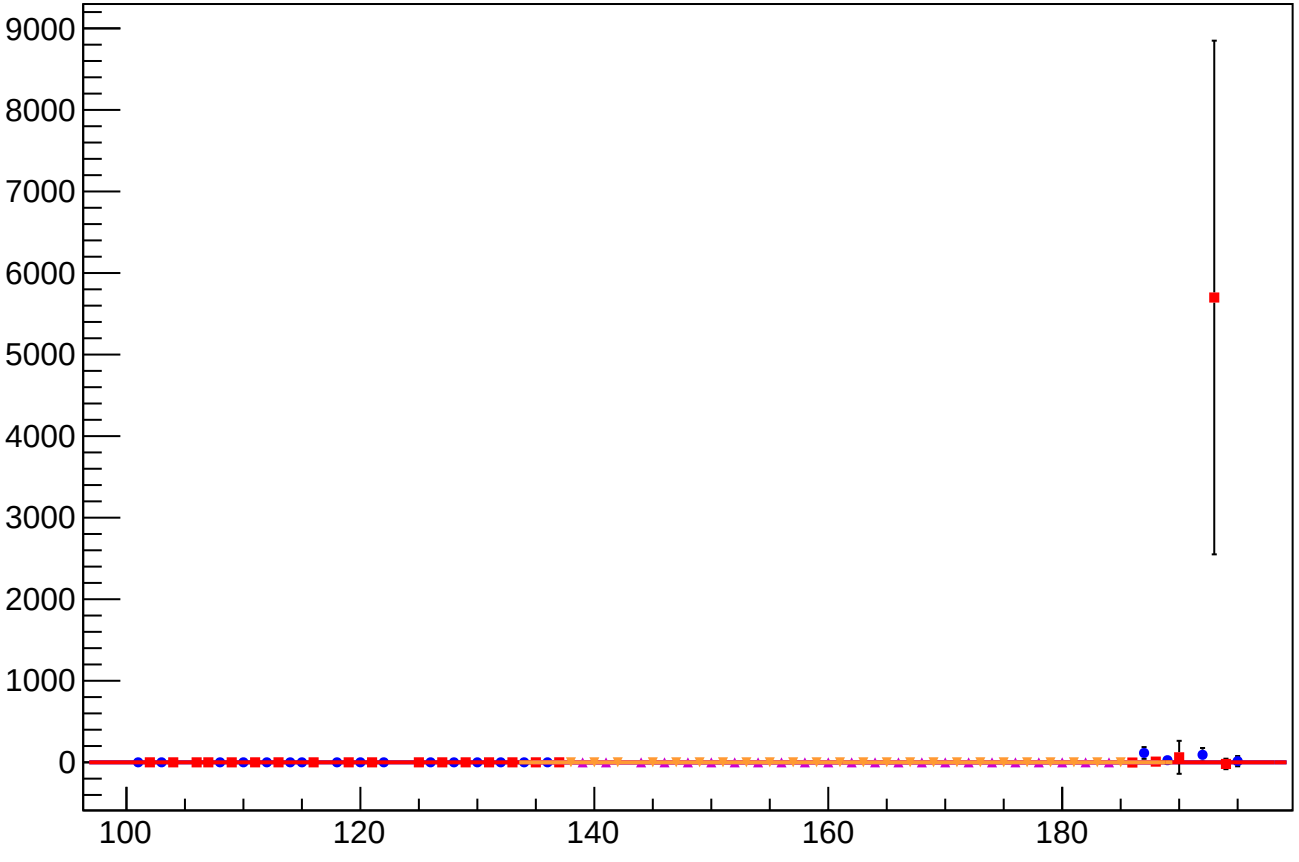
Right: 34.751+/-9.299 χ^2/NDF: 16.2/8

In: -0.009+/-0.018 χ^2/NDF:49.3/26

Out: -0.038+/-0.018 χ^2/NDF:51.7/28

All: -0.024+/-0.013 χ^2/NDF: 102.3/55

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 16.7/19

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.8/21

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

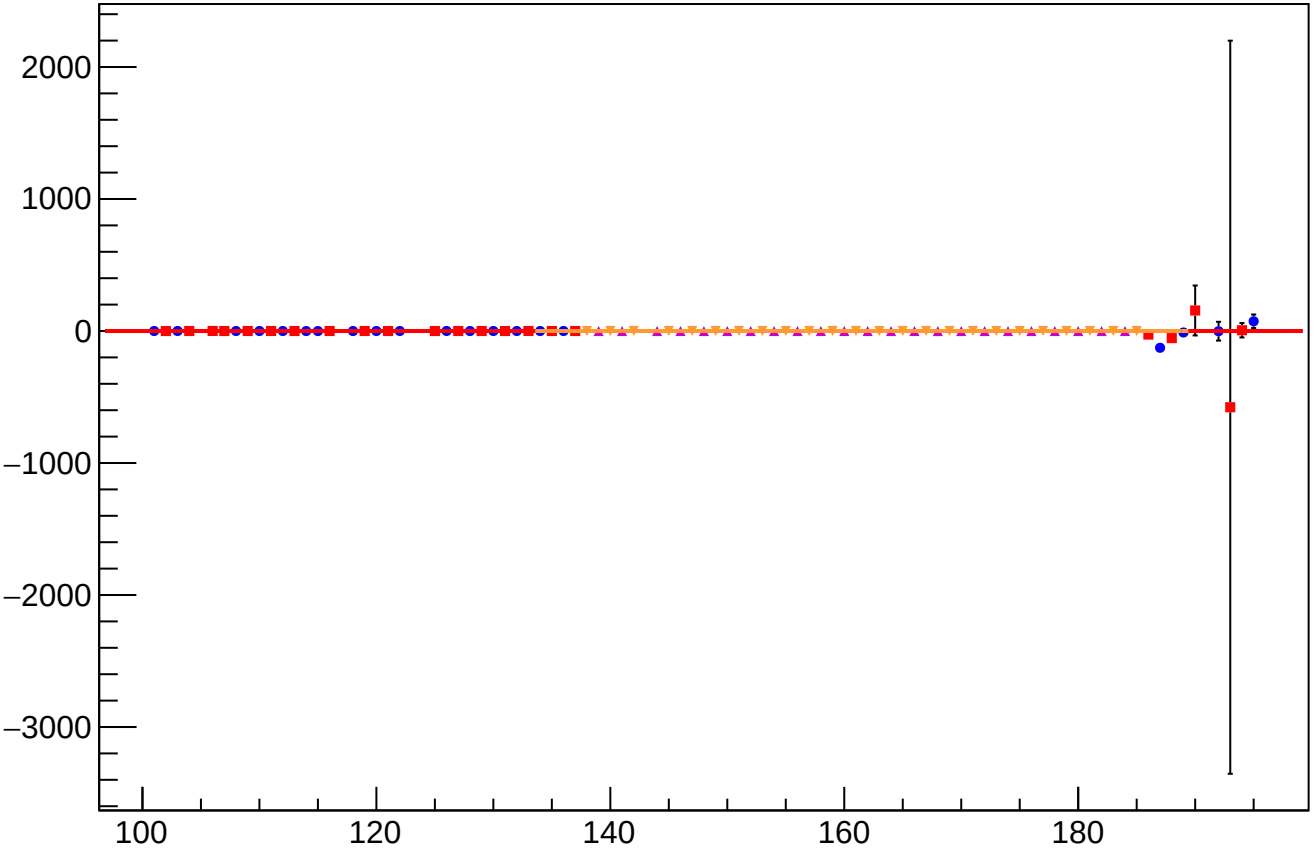
Right: -0.050+/-0.017 χ^2/NDF: 34.9/41

In: -0.051+/-0.012 χ^2/NDF:60.7/42

Out: -0.078+/-0.012 χ^2/NDF:41.1/45

All: -0.064+/-0.009 χ^2/NDF: 104.2/88

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 24.3/19

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.029+/-0.045 χ^2/NDF: 26.7/21

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

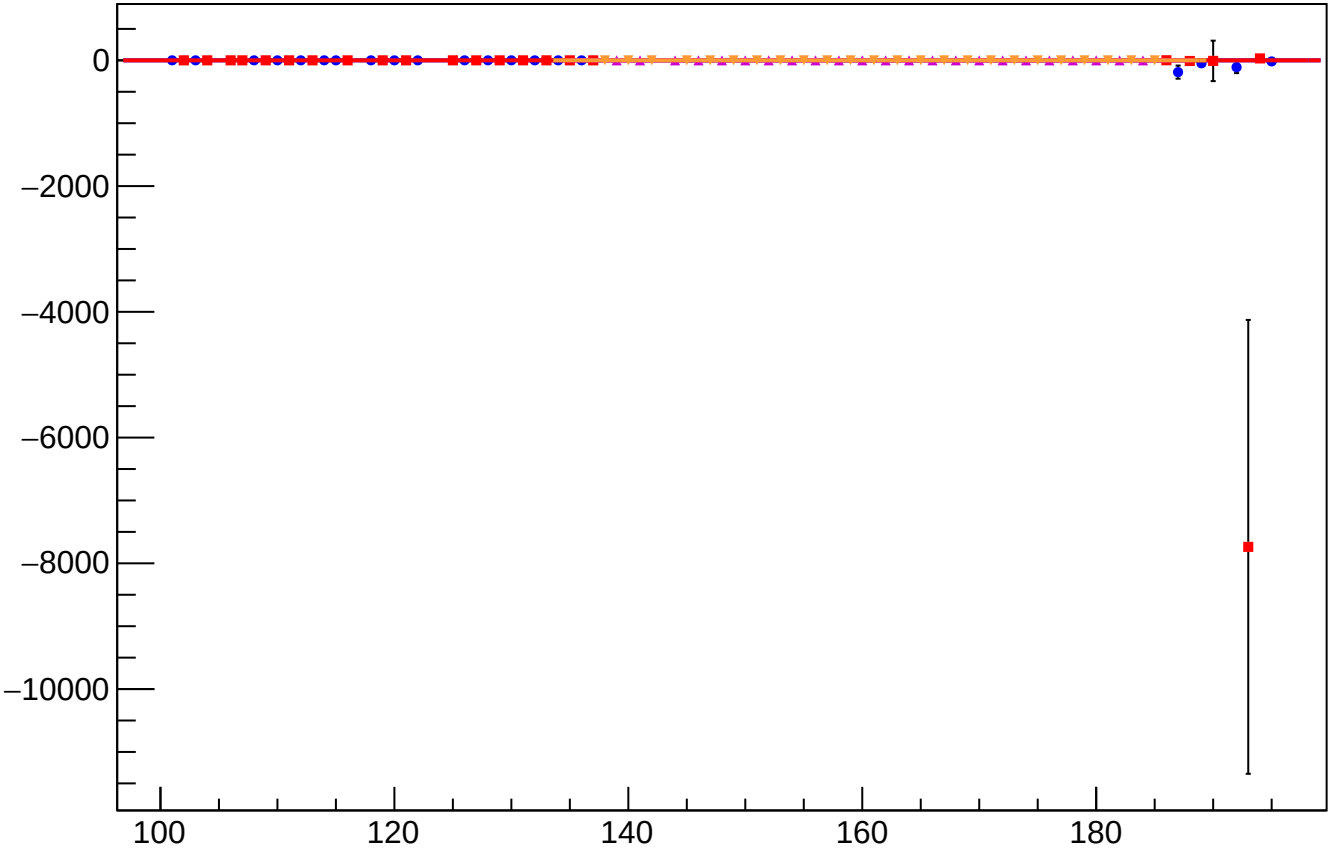
Right: 0.023+/-0.031 χ^2/NDF: 51.1/41

In: -0.006+/-0.017 χ^2/NDF:61.7/42

Out: 0.035+/-0.017 χ^2/NDF:59.2/45

All: 0.014+/-0.012 χ^2/NDF: 123.9/88

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 17.5/19

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 12.8/21

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

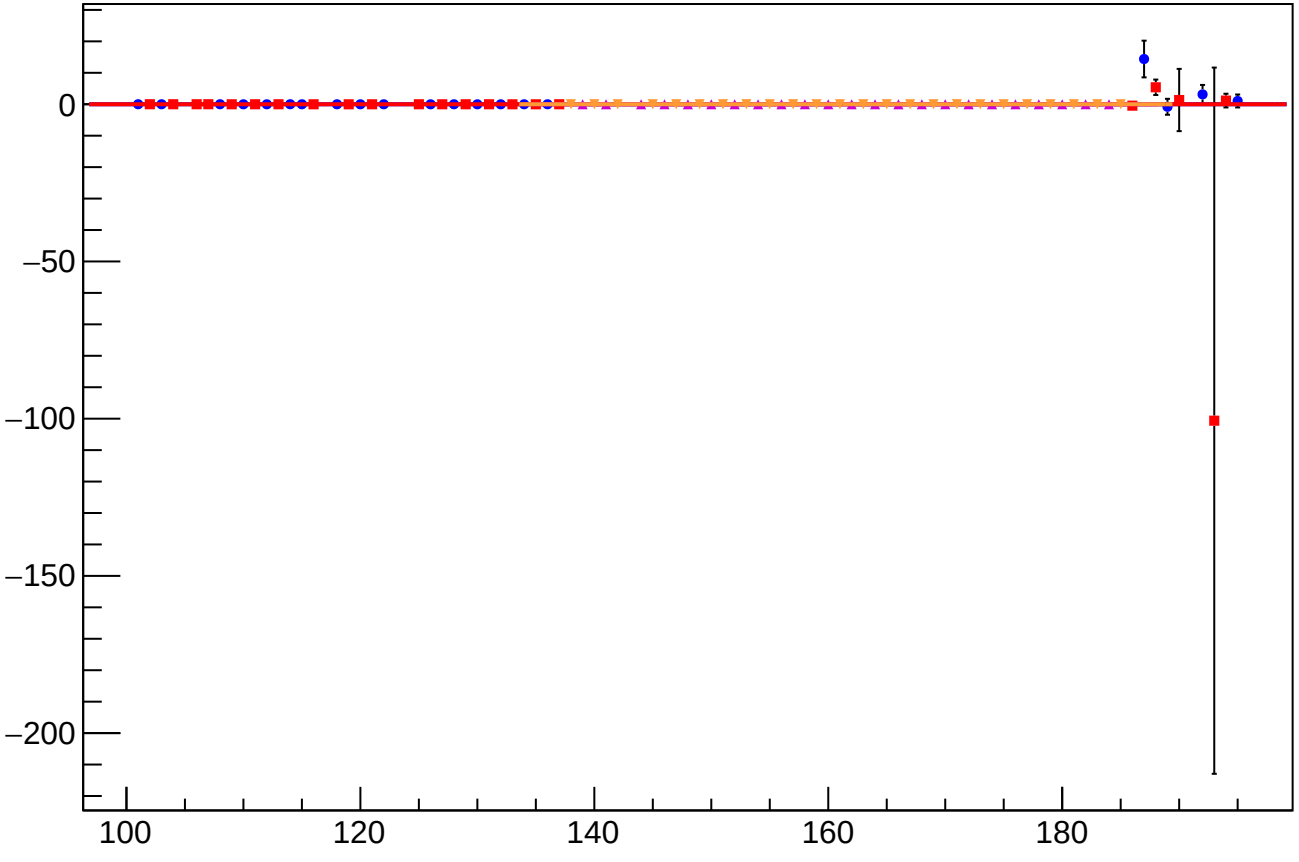
Right: 0.055+/-0.020 χ^2/NDF: 37.1/41

In: 0.054+/-0.014 χ^2/NDF:65.7/42

Out: 0.092+/-0.014 χ^2/NDF:41.0/45

All: 0.073+/-0.010 χ^2/NDF: 110.3/88

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 30.1/19

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 29.7/21

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

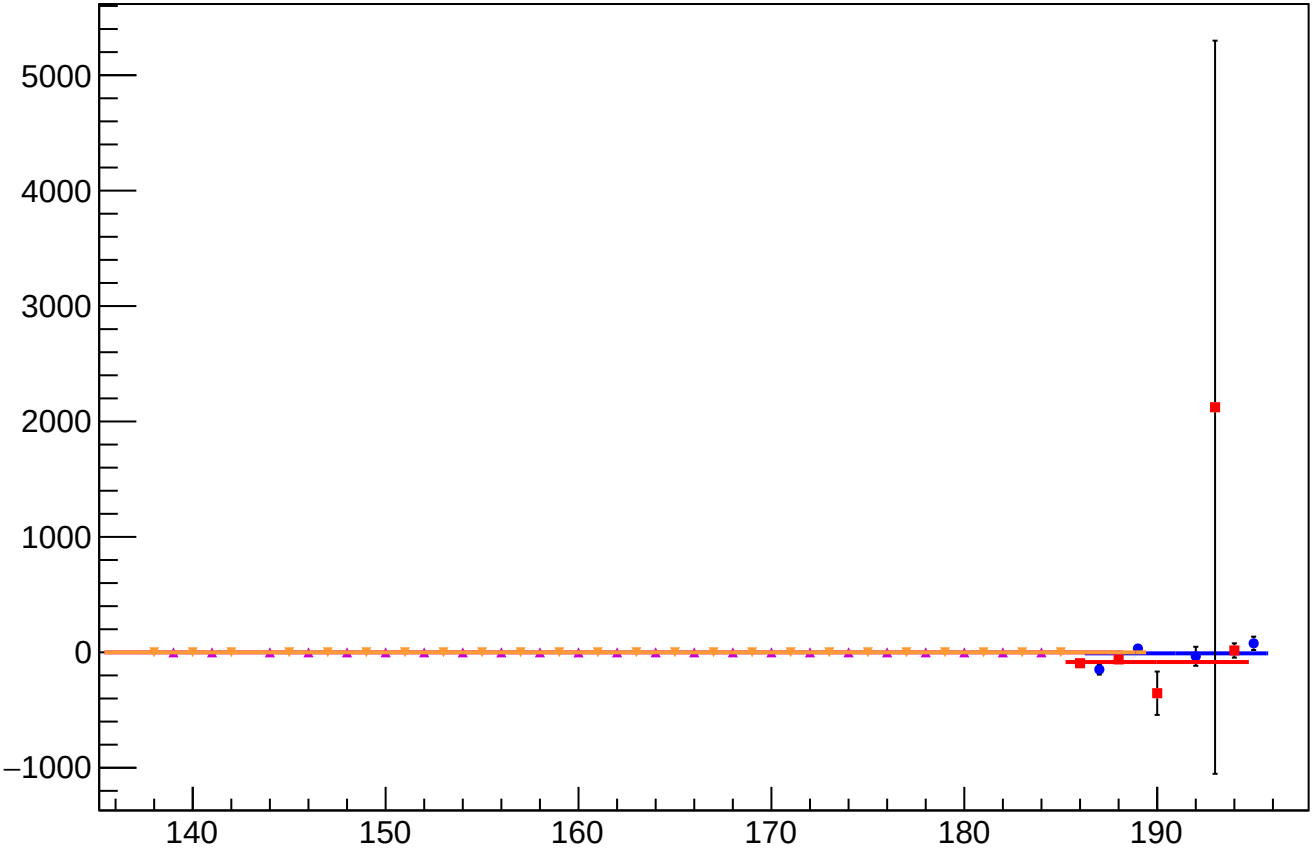
Right: -0.005+/-0.001 χ^2/NDF: 60.2/41

In: -0.001+/-0.001 χ^2/NDF:64.6/42

Out: -0.001+/-0.001 χ^2/NDF:61.5/45

All: -0.001+/-0.000 χ^2/NDF: 126.4/88

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.730+/-21.588 χ^2/NDF: 14.4/3

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -84.053+/-10.304 χ^2/NDF: 7.1/4

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

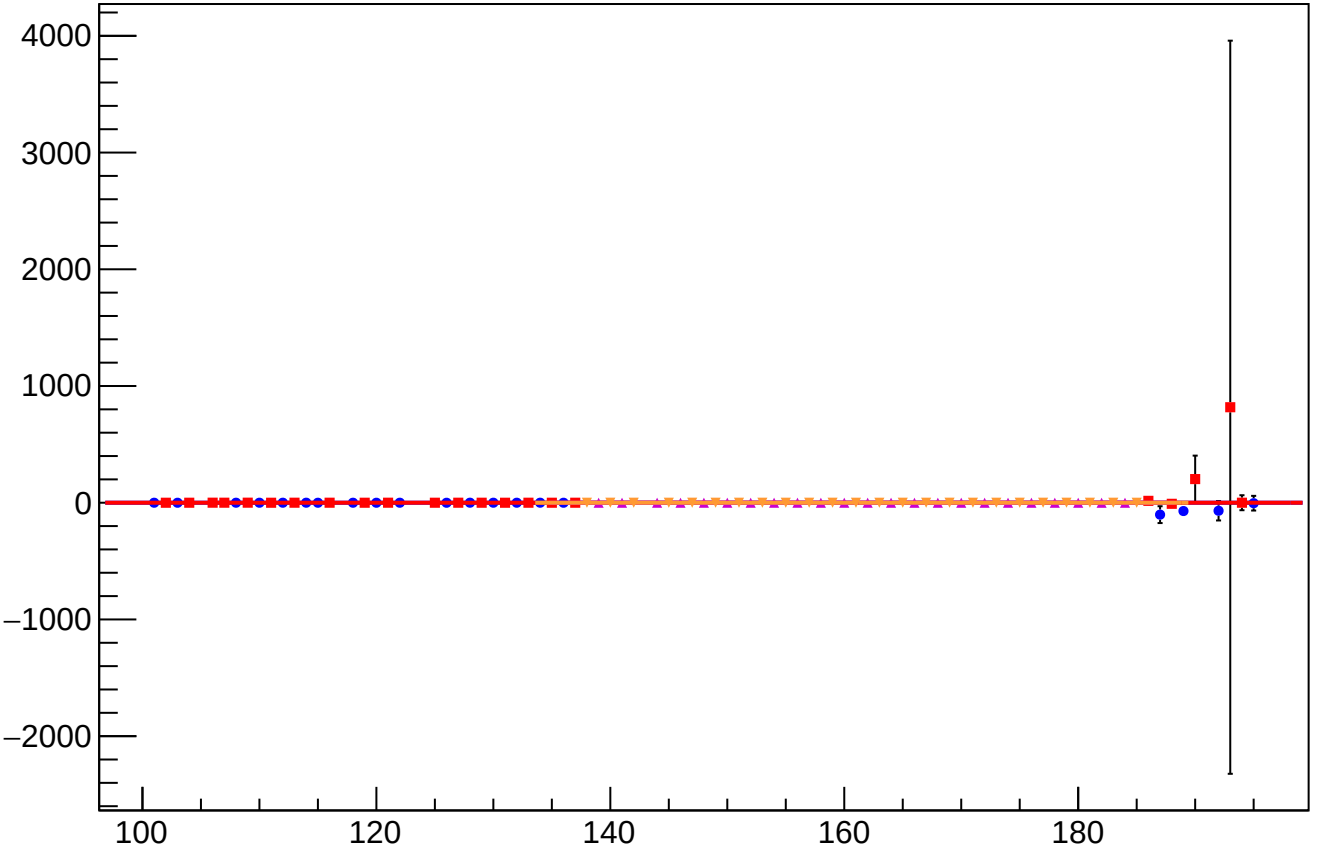
Right: -70.077+/-9.299 χ^2/NDF: 31.4/8

In: -0.010+/-0.018 χ^2/NDF:47.9/26

Out: -0.052+/-0.018 χ^2/NDF:110.9/28

All: -0.031+/-0.013 χ^2/NDF: 161.5/55

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 32.7/19

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 29.4/21

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

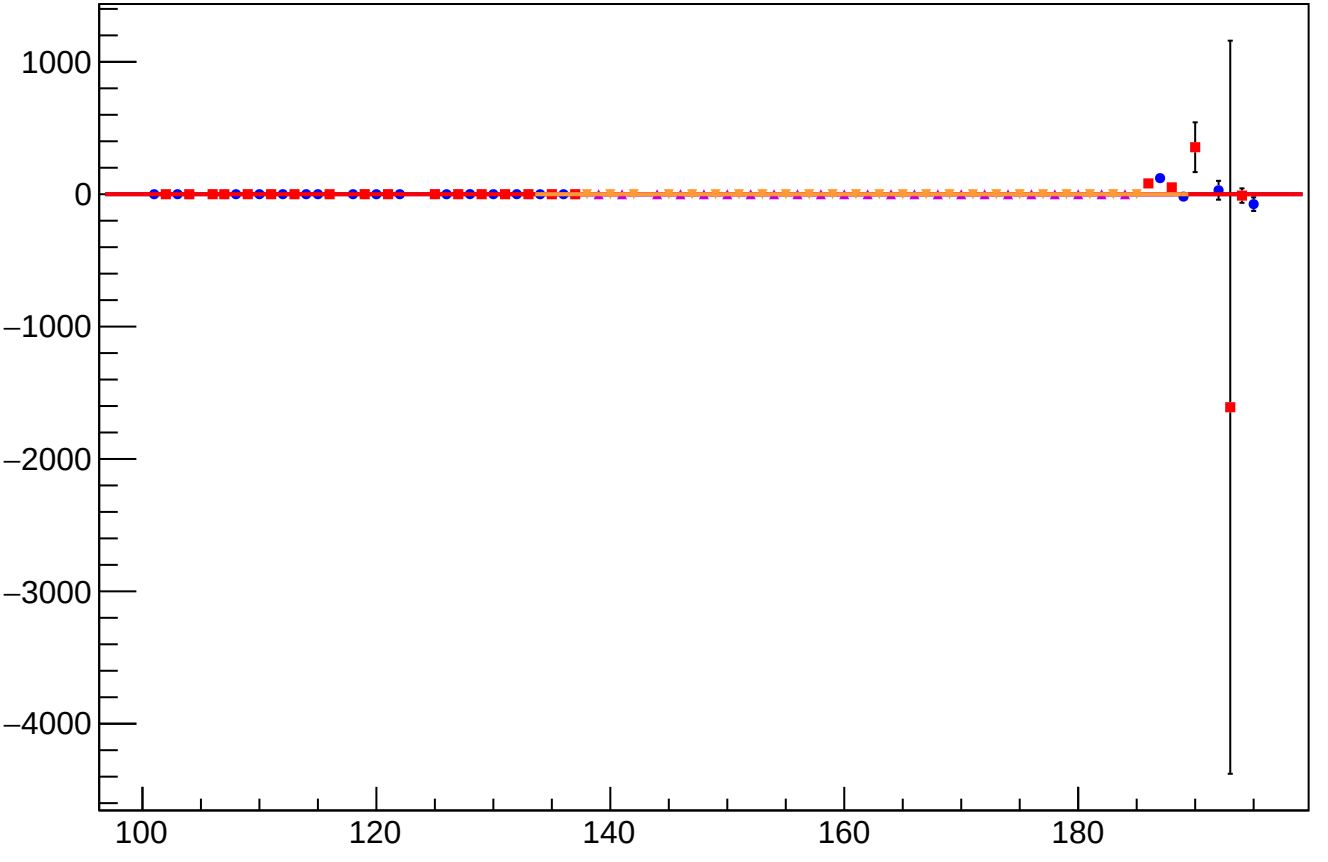
Right: 0.024+/-0.017 χ^2/NDF: 62.9/41

In: 0.006+/-0.012 χ^2/NDF:83.1/42

Out: 0.002+/-0.012 χ^2/NDF:62.0/45

All: 0.004+/-0.009 χ^2/NDF: 145.2/88

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 42.8/19

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 95.3/21

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

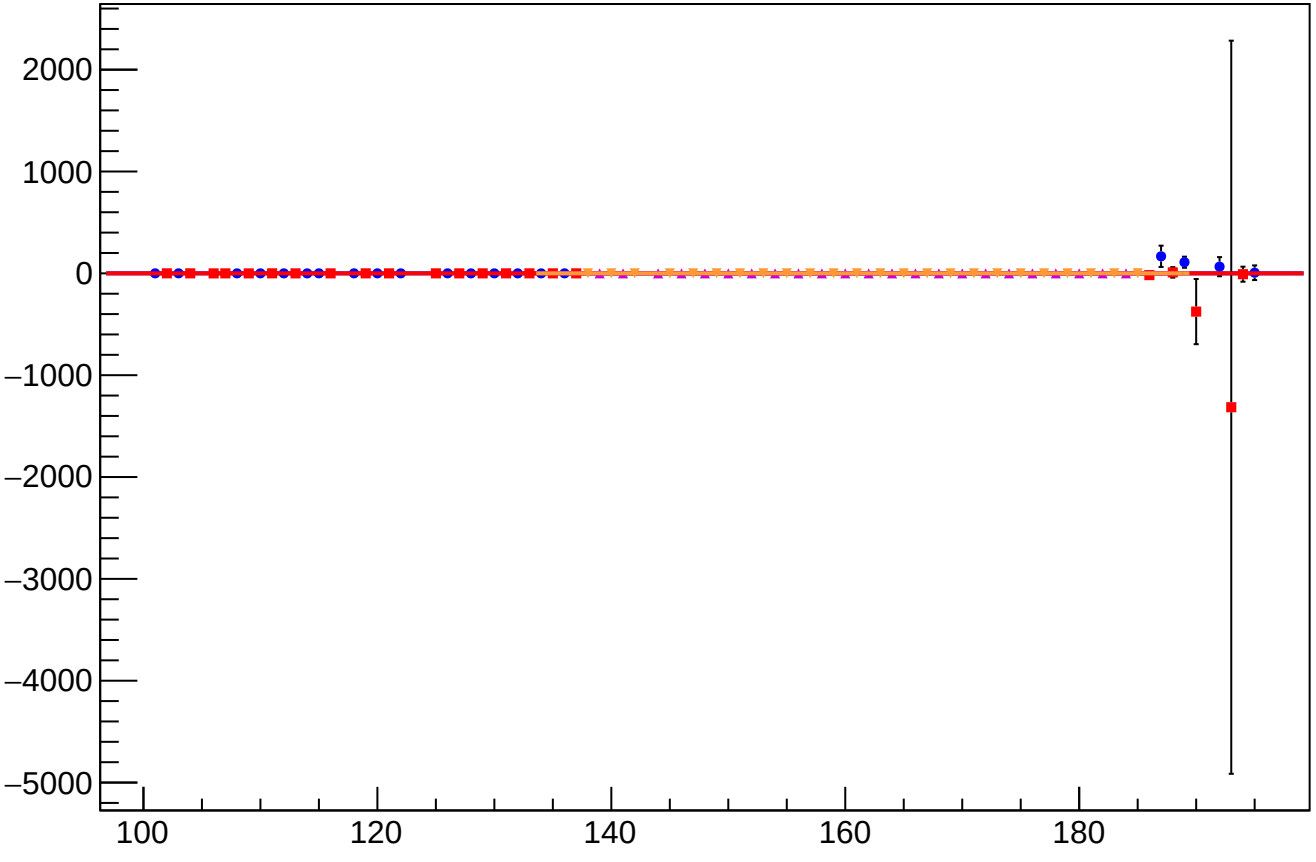
Right: 0.176+/-0.031 χ^2/NDF: 138.9/41

In: 0.041+/-0.017 χ^2/NDF:84.8/42

Out: 0.069+/-0.017 χ^2/NDF:141.0/45

All: 0.055+/-0.012 χ^2/NDF: 227.3/88

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 32.3/19

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 27.3/21

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

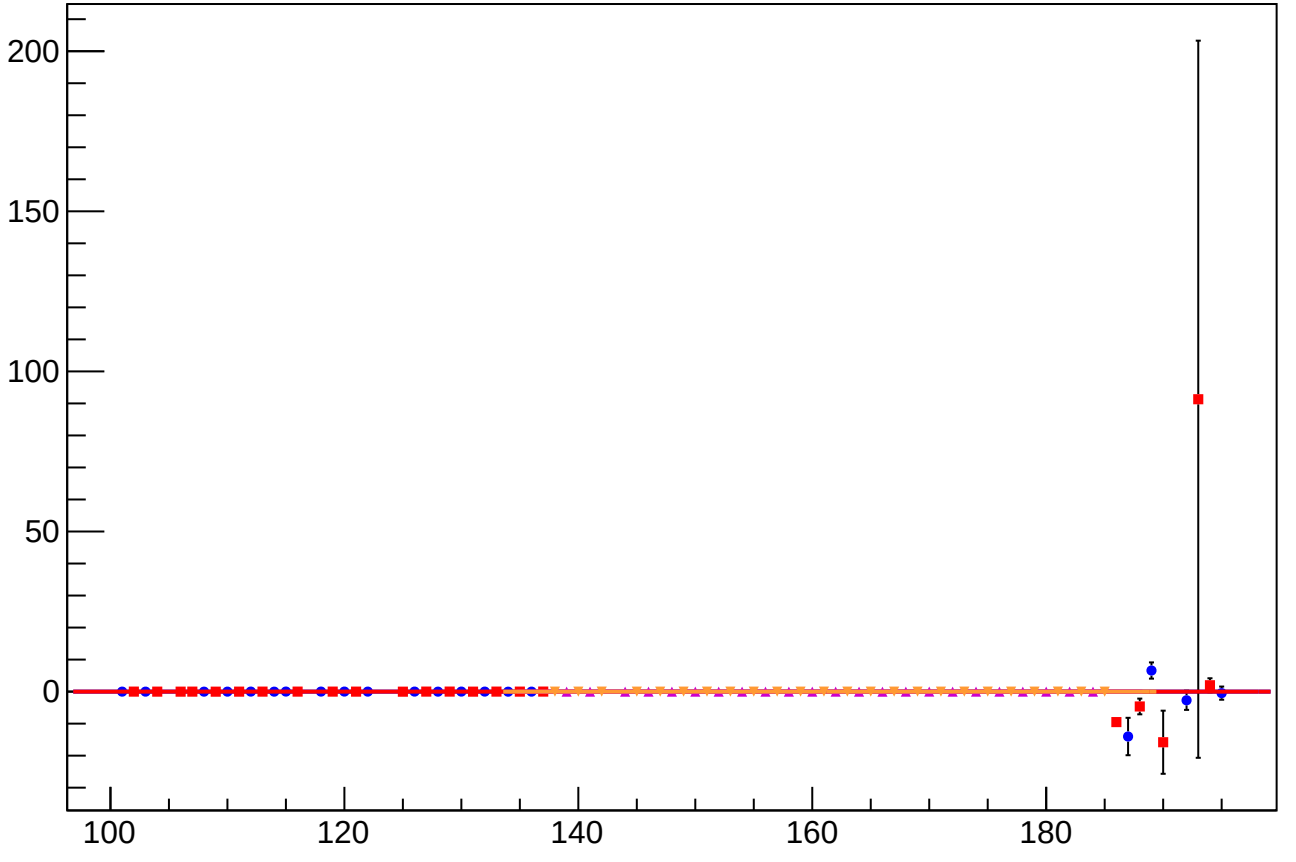
Right: -0.030+/-0.020 χ^2/NDF: 60.4/41

In: 0.002+/-0.014 χ^2/NDF:83.4/42

Out: 0.004+/-0.014 χ^2/NDF:65.1/45

All: 0.003+/-0.010 χ^2/NDF: 148.4/88

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 42.4/19

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 65.4/21

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

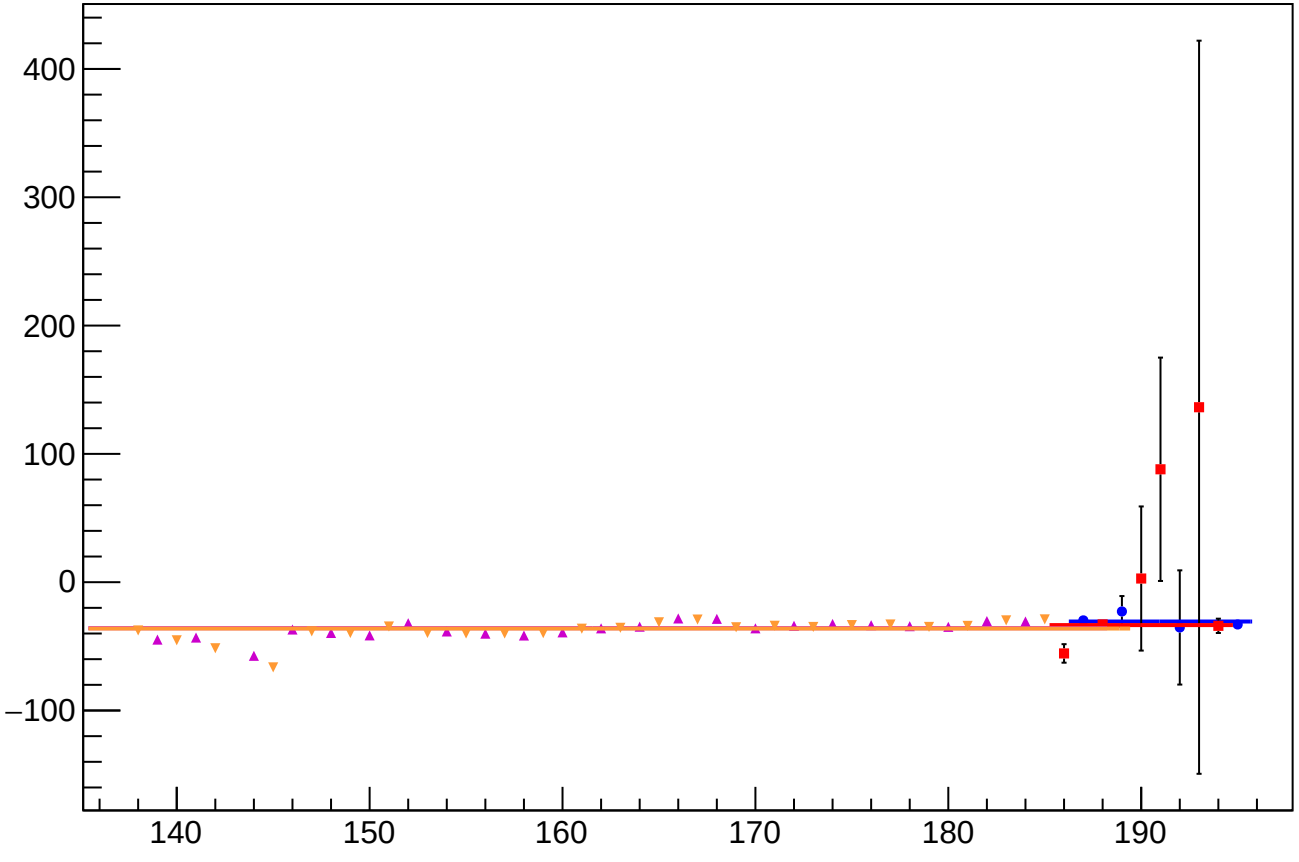
Right: -0.006+/-0.001 χ^2/NDF: 107.8/41

In: -0.008+/-0.001 χ^2/NDF:84.4/42

Out: -0.008+/-0.001 χ^2/NDF:99.0/45

All: -0.008+/-0.000 χ^2/NDF: 183.6/88

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.652+/-1.533 χ^2/NDF: 1.4/3

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -33.436+/-1.139 χ^2/NDF: 12.3/5

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

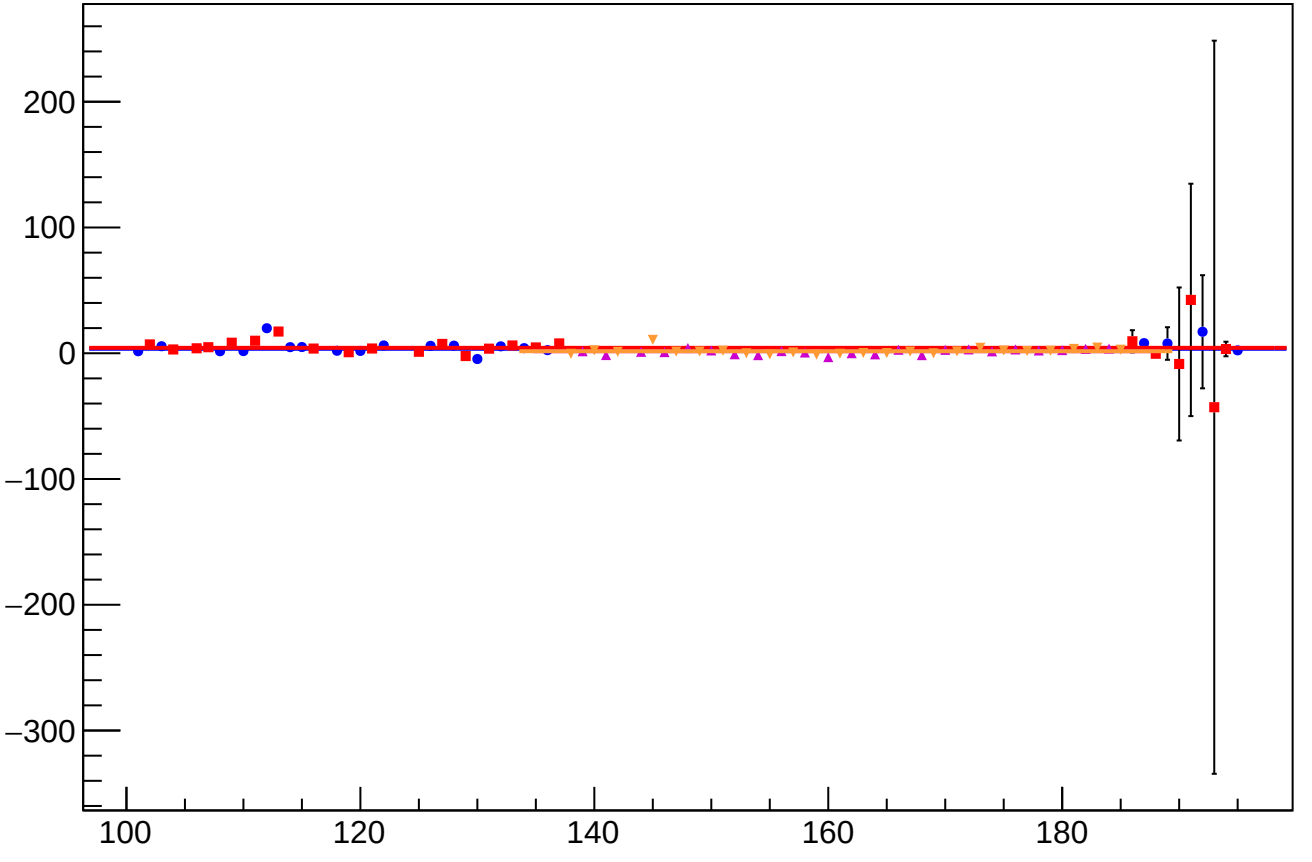
Right: -32.445+/-0.914 χ^2/NDF: 15.8/9

In: -35.789+/-0.189 χ^2/NDF:899.9/26

Out: -36.036+/-0.189 χ^2/NDF:1136.1/29

All: -35.913+/-0.134 χ^2/NDF: 2036.8/56

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.549+/-0.216 χ^2/NDF: 449.2/19

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.293+/-0.224 χ^2/NDF: 357.8/22

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

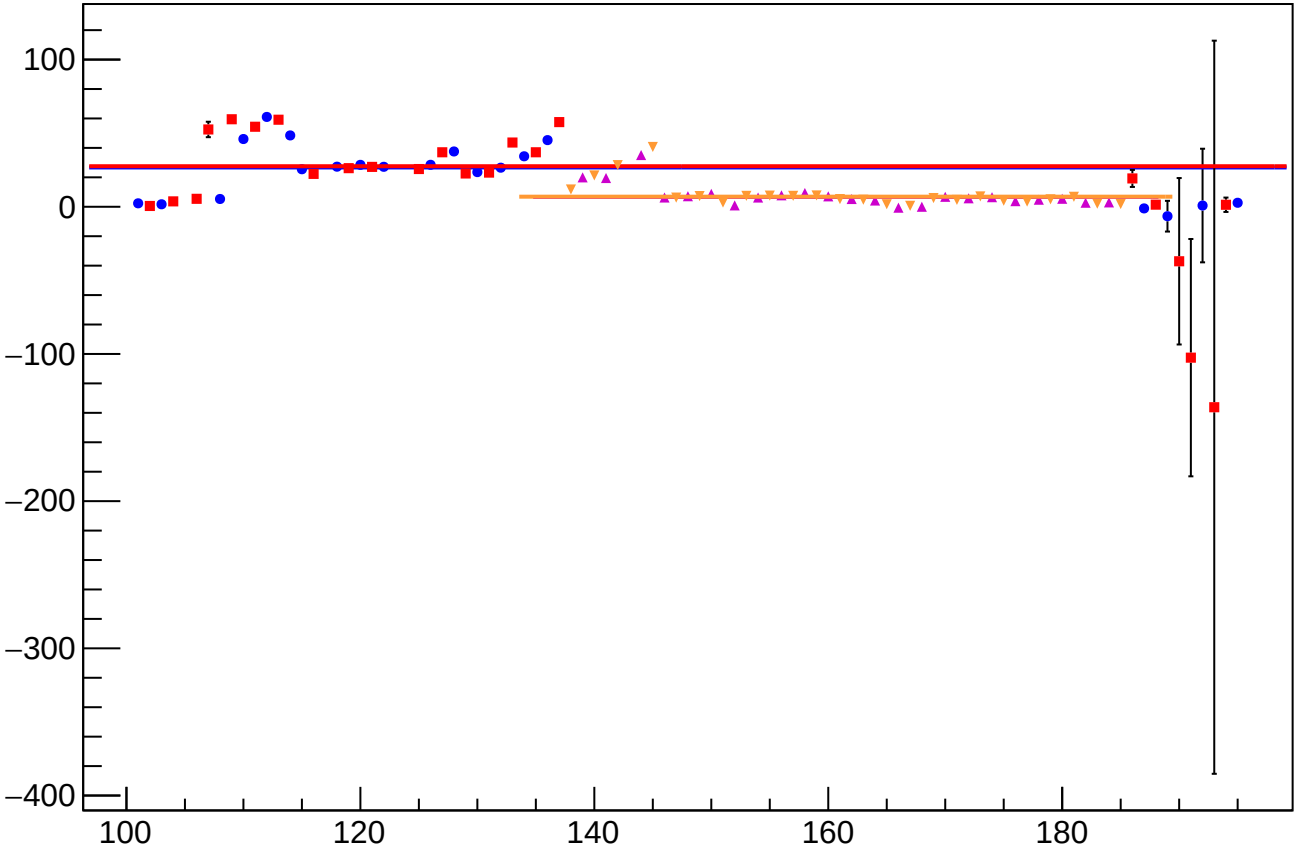
Right: 3.908+/-0.155 χ^2/NDF: 812.7/42

In: 2.259+/-0.123 χ^2/NDF:665.7/42

Out: 2.440+/-0.123 χ^2/NDF:623.0/46

All: 2.349+/-0.087 χ^2/NDF: 1289.8/89

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.713+/-0.396 χ^2/NDF: 1978.2/19

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 27.548+/-0.385 χ^2/NDF: 2570.8/22

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

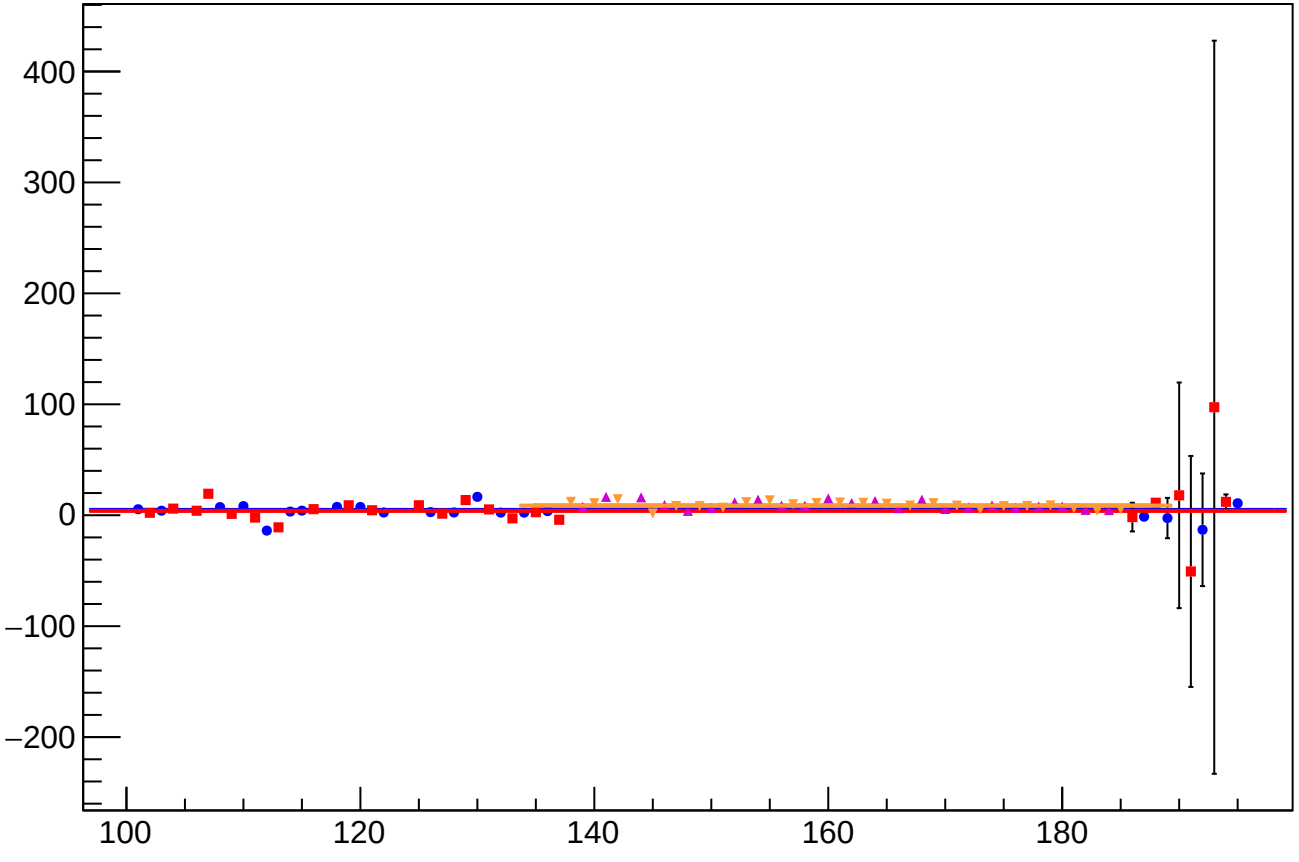
Right: 27.143+/-0.276 χ^2/NDF: 4551.3/42

In: 10.382+/-0.171 χ^2/NDF:5141.8/42

Out: 10.957+/-0.171 χ^2/NDF:6187.1/46

All: 10.669+/-0.121 χ^2/NDF: 11334.5/89

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.795+/-0.250 χ^2/NDF: 558.8/19

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.890+/-0.258 χ^2/NDF: 575.5/22

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

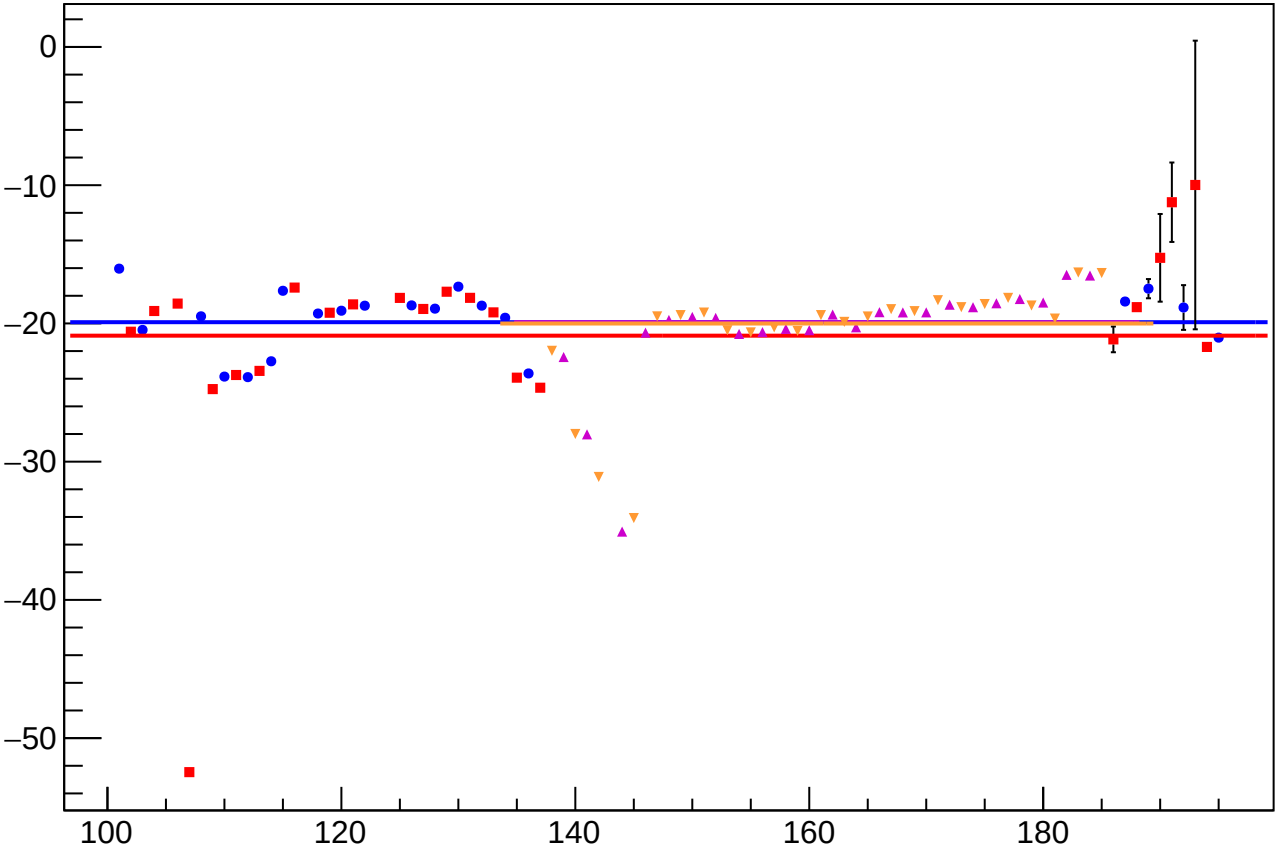
Right: 4.356+/-0.179 χ^2/NDF: 1140.6/42

In: 7.442+/-0.140 χ^2/NDF:1160.1/42

Out: 7.252+/-0.141 χ^2/NDF:1060.0/46

All: 7.347+/-0.100 χ^2/NDF: 2221.1/89

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.910+/-0.015 χ^2/NDF: 26226.3/19

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.885+/-0.016 χ^2/NDF: 92981.0/22

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

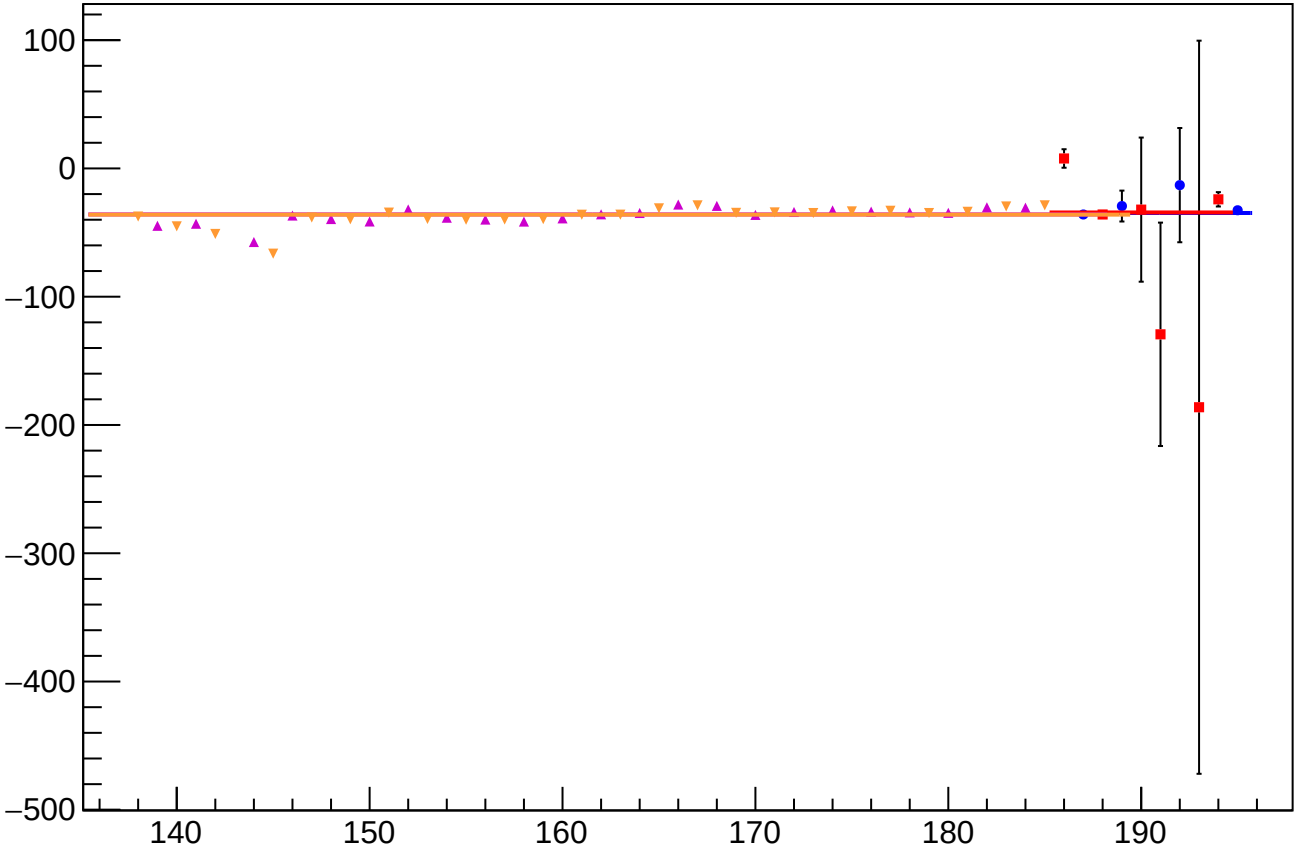
Right: -20.391+/-0.011 χ^2/NDF: 121189.5/42

In: -19.912+/-0.007 χ^2/NDF:171713.6/42

Out: -20.186+/-0.007 χ^2/NDF:267155.6/46

All: -20.047+/-0.005 χ^2/NDF: 439635.8/89

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.738+/-1.538 χ^2/NDF: 1.4/3

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -34.335+/-1.142 χ^2/NDF: 40.6/5

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

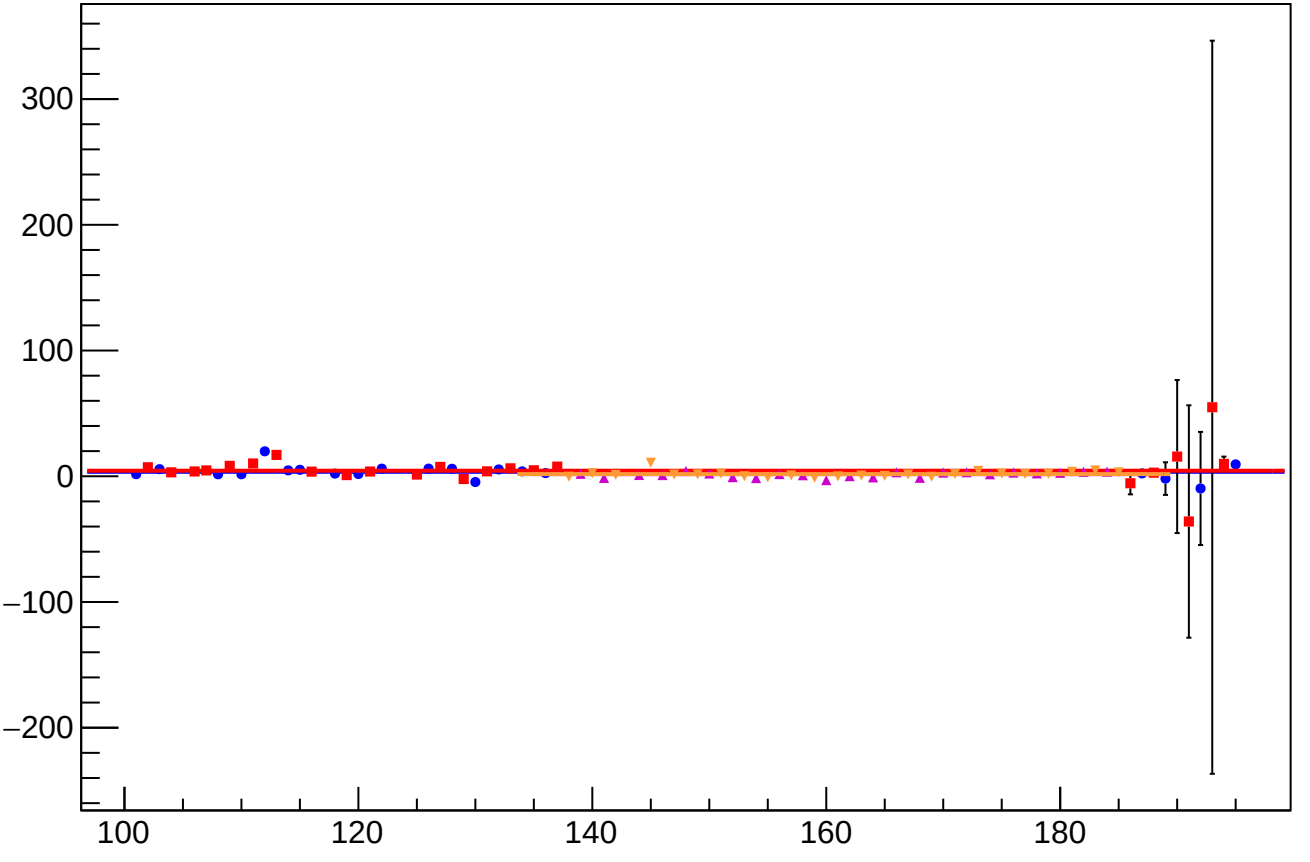
Right: -34.478+/-0.917 χ^2/NDF: 42.1/9

In: -35.839+/-0.189 χ^2/NDF:877.8/26

Out: -35.973+/-0.189 χ^2/NDF:1168.2/29

All: -35.906+/-0.134 χ^2/NDF: 2046.2/56

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.551+/-0.216 χ^2/NDF: 447.0/19

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.407+/-0.223 χ^2/NDF: 346.7/22

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

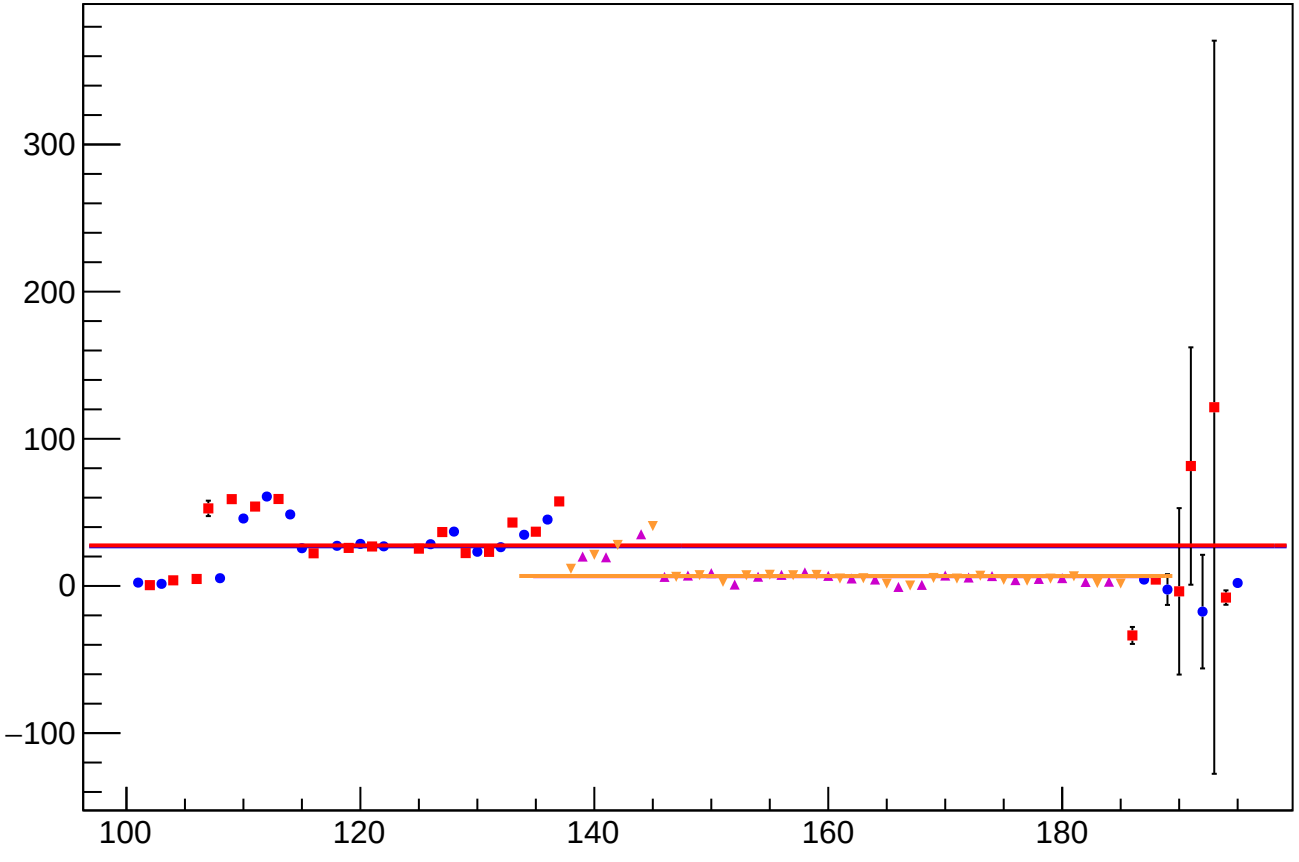
Right: 3.965+/-0.155 χ^2/NDF: 801.3/42

In: 2.305+/-0.123 χ^2/NDF:660.2/42

Out: 2.537+/-0.123 χ^2/NDF:615.5/46

All: 2.420+/-0.087 χ^2/NDF: 1277.5/89

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.924+/-0.396 χ^2/NDF: 1853.8/19

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 27.541+/-0.385 χ^2/NDF: 2517.6/22

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

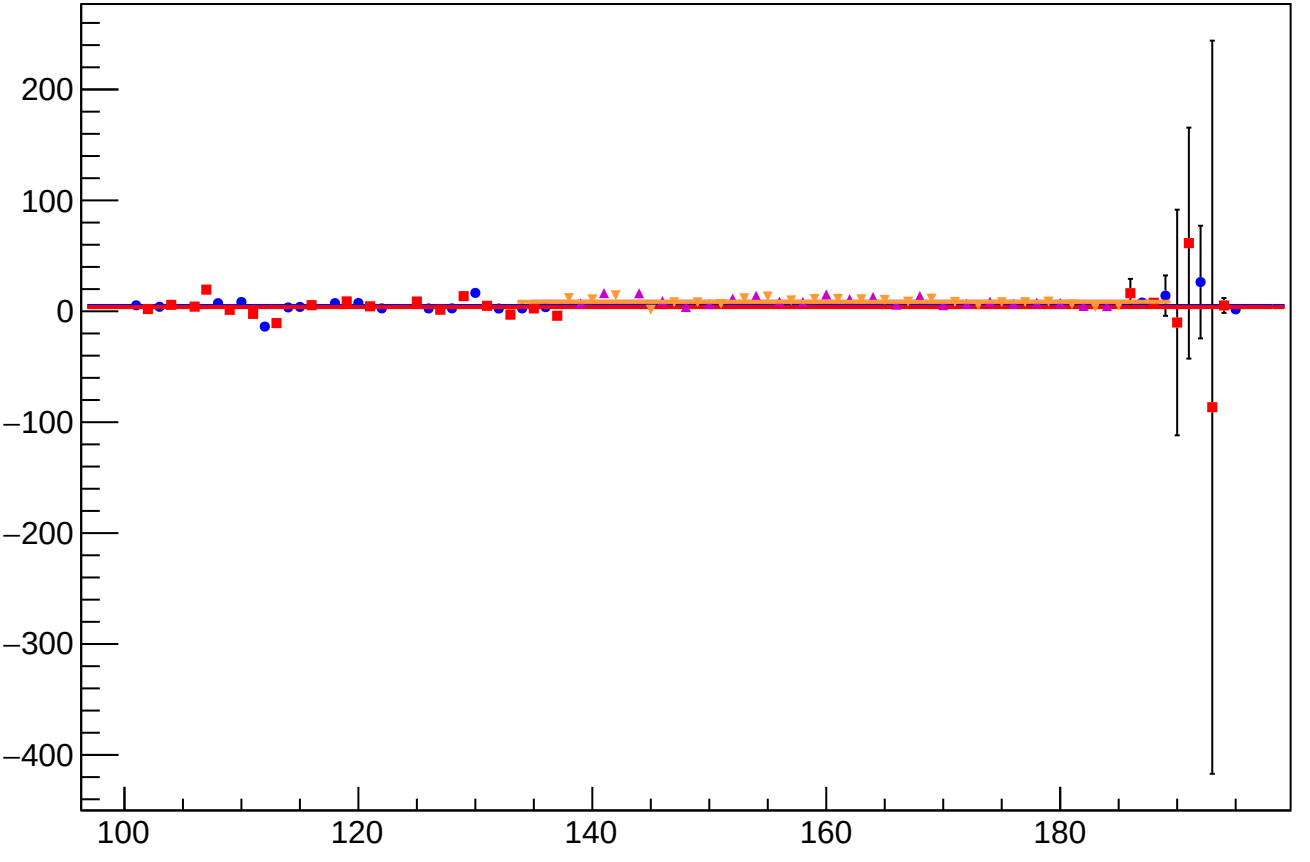
Right: 27.241+/-0.276 χ^2/NDF: 4372.7/42

In: 10.415+/-0.171 χ^2/NDF:5056.9/42

Out: 10.882+/-0.171 χ^2/NDF:6155.6/46

All: 10.648+/-0.121 χ^2/NDF: 11216.3/89

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.792+/-0.250 χ^2/NDF: 551.6/19

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.785+/-0.257 χ^2/NDF: 566.2/22

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

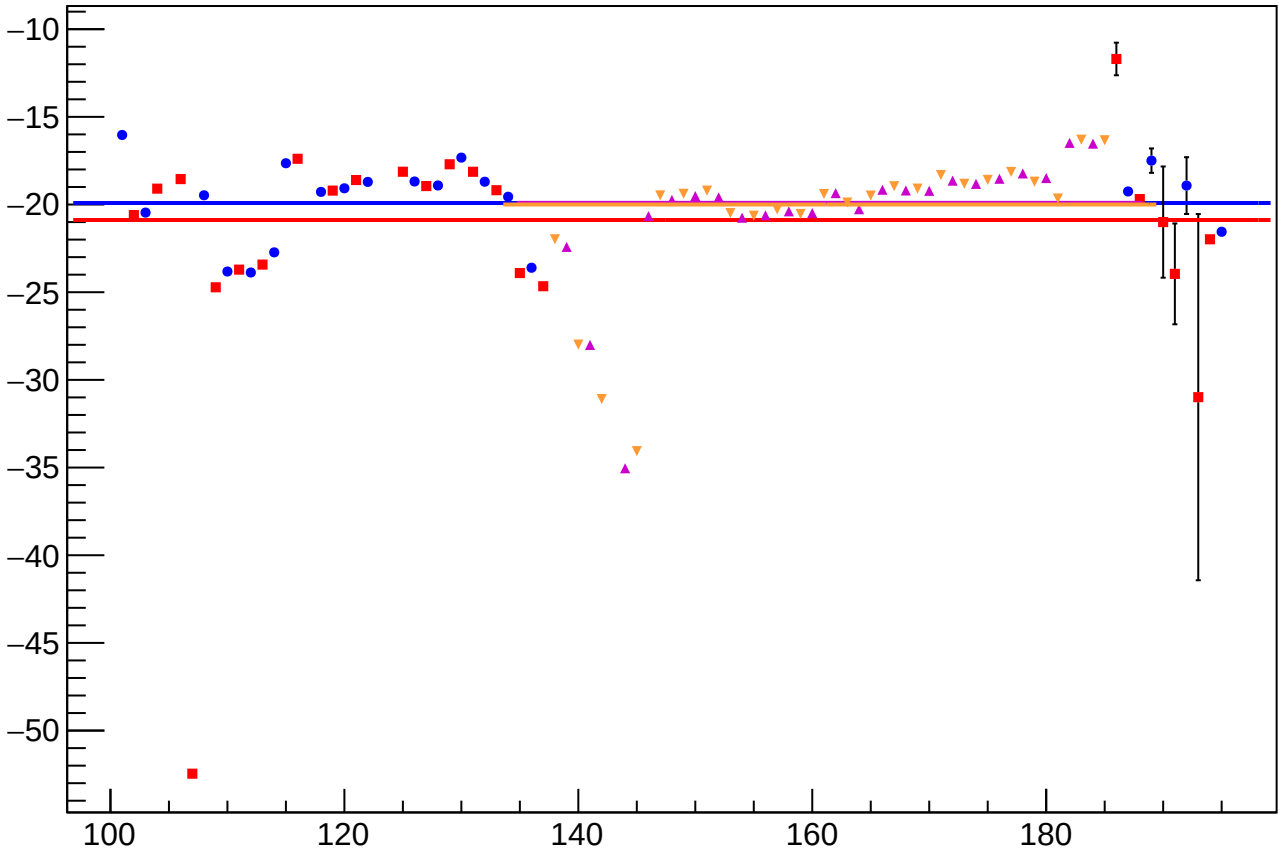
Right: 4.303+/-0.179 χ^2/NDF: 1125.7/42

In: 7.381+/-0.140 χ^2/NDF:1151.6/42

Out: 7.144+/-0.141 χ^2/NDF:1055.3/46

All: 7.263+/-0.100 χ^2/NDF: 2208.3/89

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.912+/-0.015 χ^2/NDF: 26306.5/19

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.882+/-0.016 χ^2/NDF: 93057.4/22

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

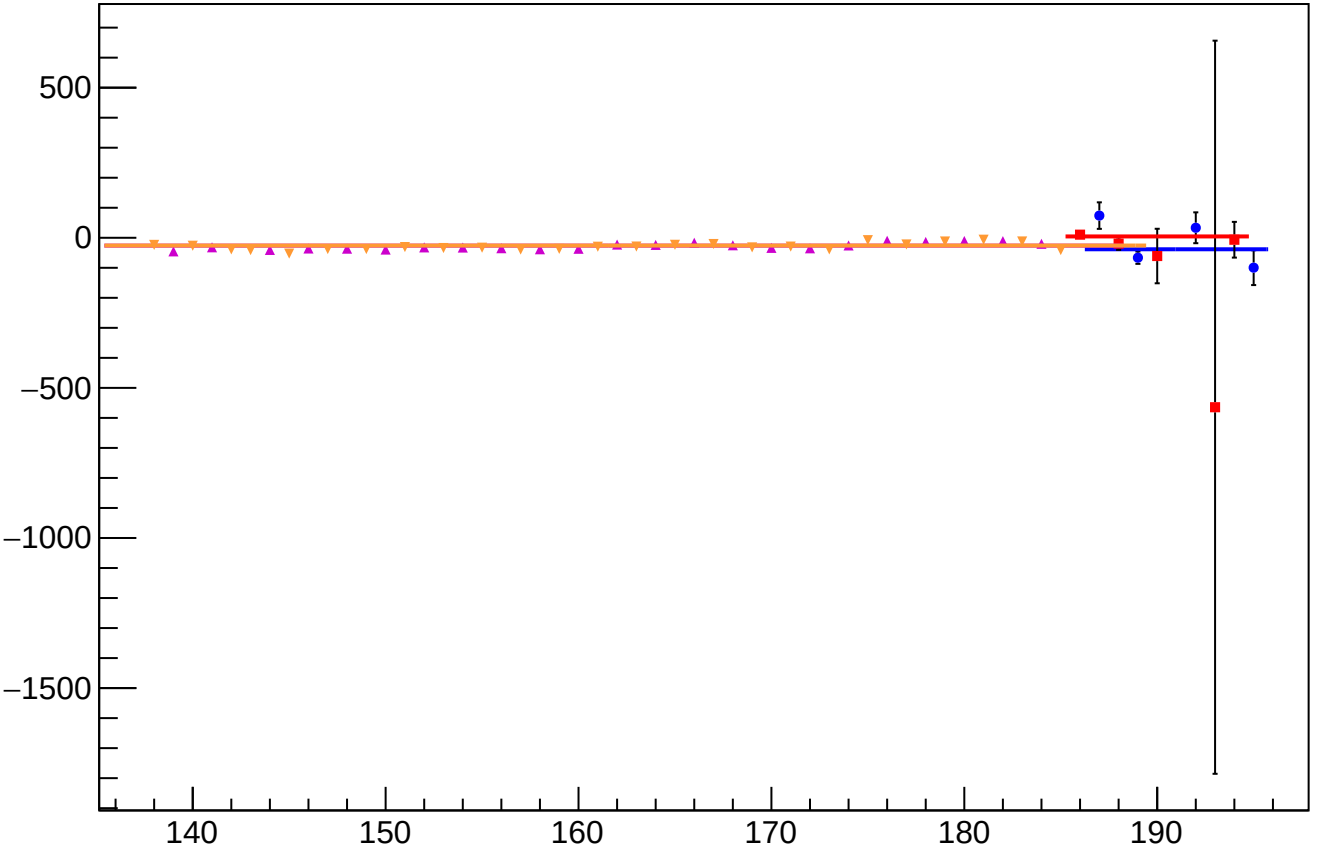
Right: -20.390+/-0.011 χ^2/NDF: 121329.1/42

In: -19.906+/-0.007 χ^2/NDF:171653.4/42

Out: -20.179+/-0.007 χ^2/NDF:267447.7/46

All: -20.041+/-0.005 χ^2/NDF: 439862.7/89

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.294+/-16.766 χ^2/NDF: 11.4/3

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.479+/-8.479 χ^2/NDF: 2.5/4

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

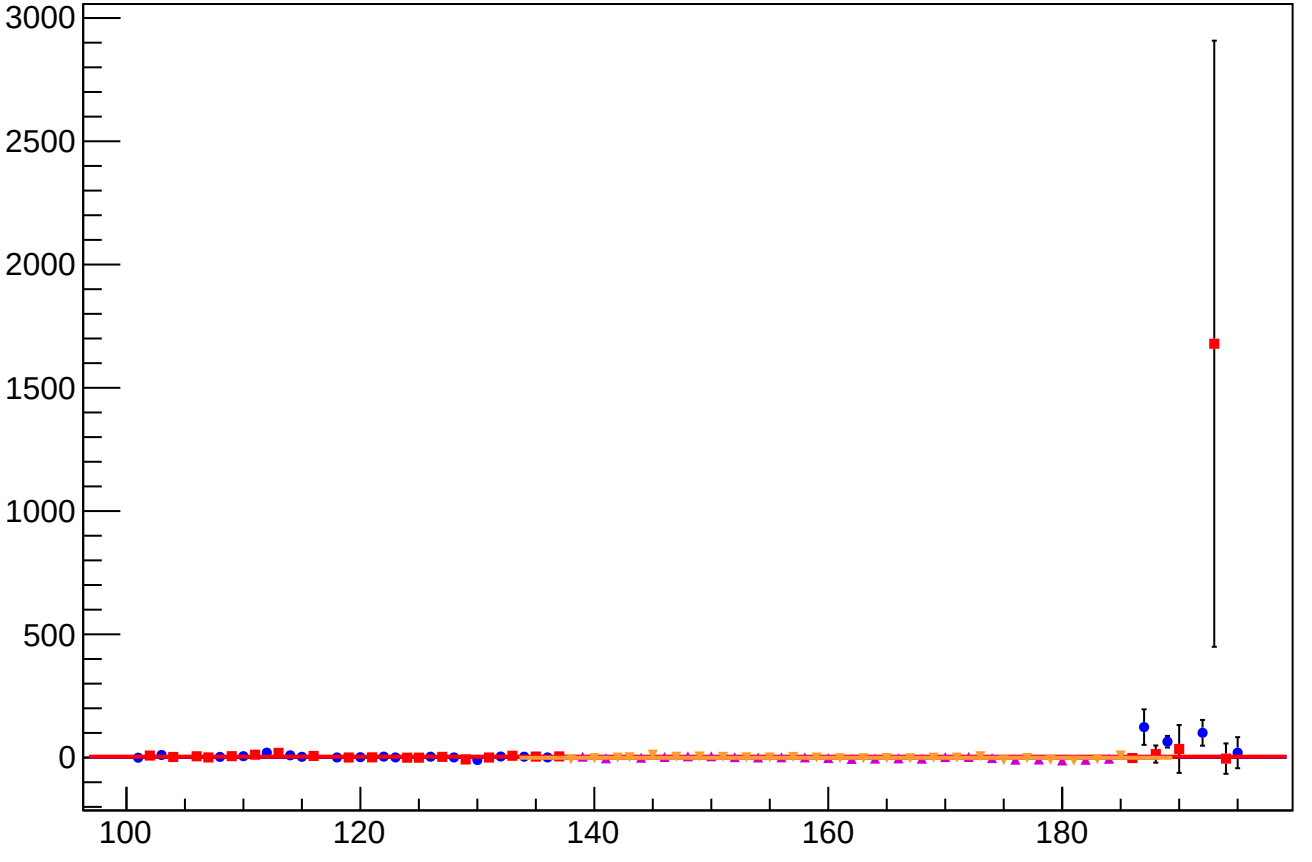
Right: -4.233+/-7.566 χ^2/NDF: 19.0/8

In: -26.205+/-0.194 χ^2/NDF:3389.7/26

Out: -25.789+/-0.192 χ^2/NDF:4143.0/29

All: -25.995+/-0.137 χ^2/NDF: 7535.0/56

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.461+/-0.311 χ^2/NDF: 308.7/20

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.723+/-0.327 χ^2/NDF: 271.4/22

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

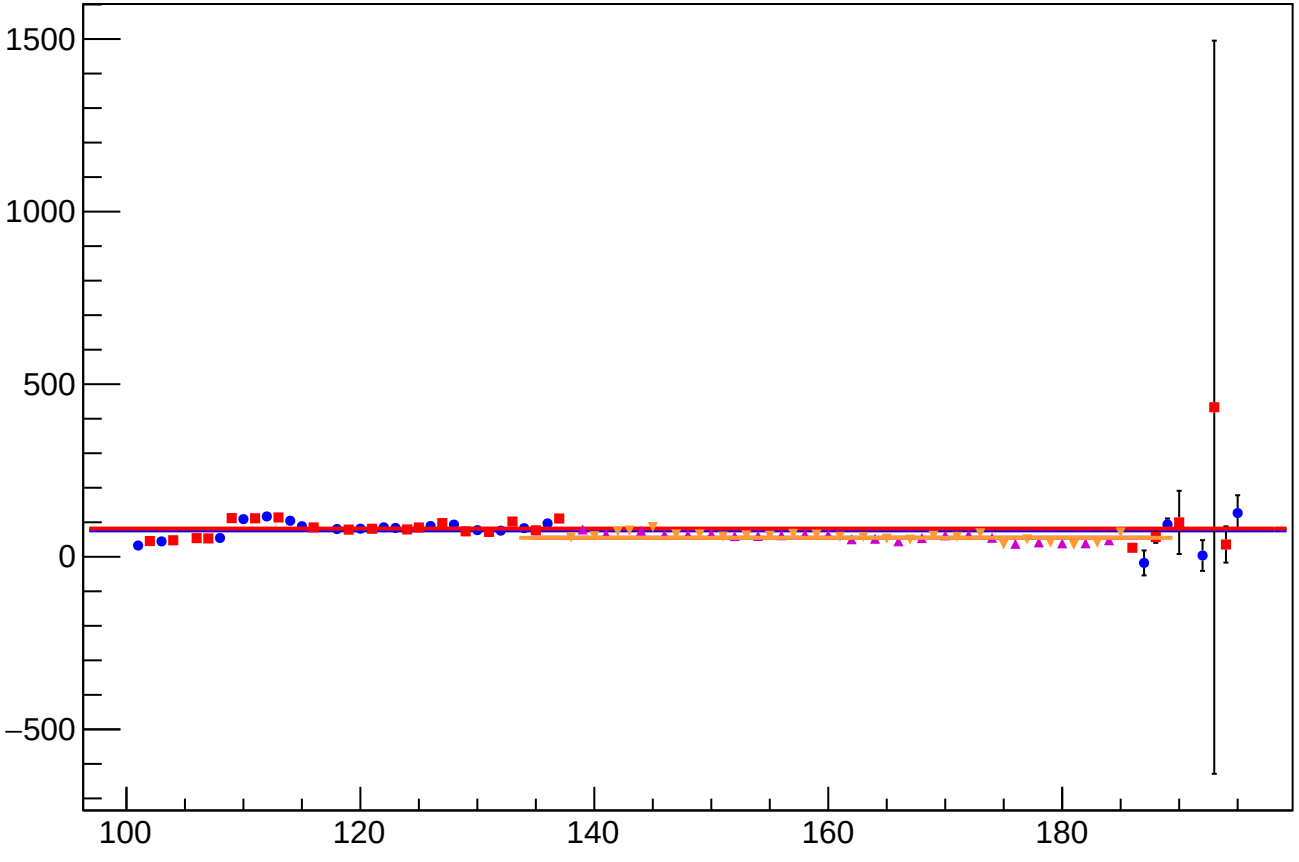
Right: 3.060+/-0.225 χ^2/NDF: 587.9/43

In: -0.218+/-0.135 χ^2/NDF:1471.8/43

Out: 0.057+/-0.134 χ^2/NDF:1736.8/47

All: -0.079+/-0.095 χ^2/NDF: 3210.7/91

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.561+/-0.573 χ^2/NDF: 2265.0/20

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.702+/-0.591 χ^2/NDF: 1604.9/22

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

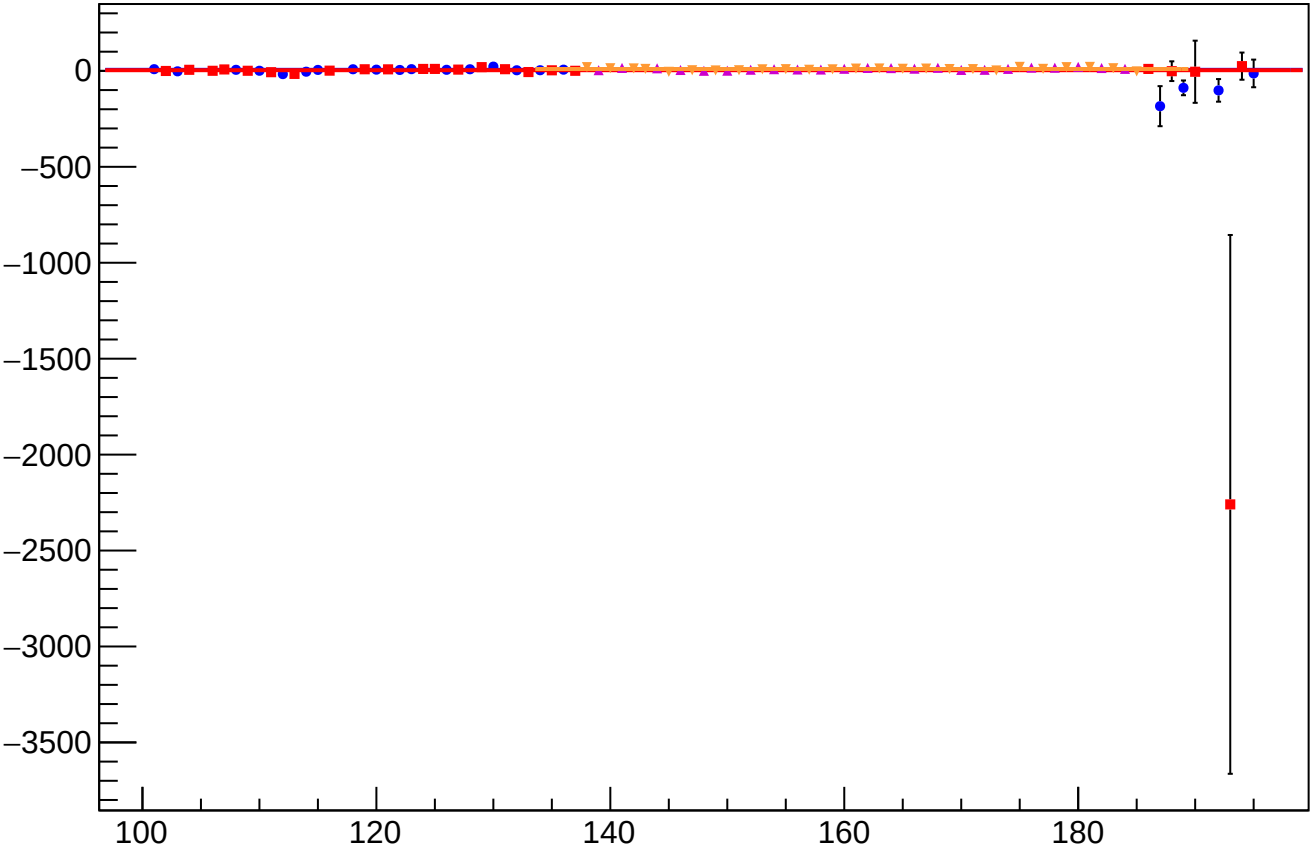
Right: 79.053+/-0.411 χ^2/NDF: 3908.9/43

In: 57.396+/-0.183 χ^2/NDF:7336.1/43

Out: 57.549+/-0.182 χ^2/NDF:7979.0/47

All: 57.472+/-0.129 χ^2/NDF: 15315.4/91

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.427+/-0.357 χ^2/NDF: 400.1/20

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.583+/-0.375 χ^2/NDF: 425.9/22

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

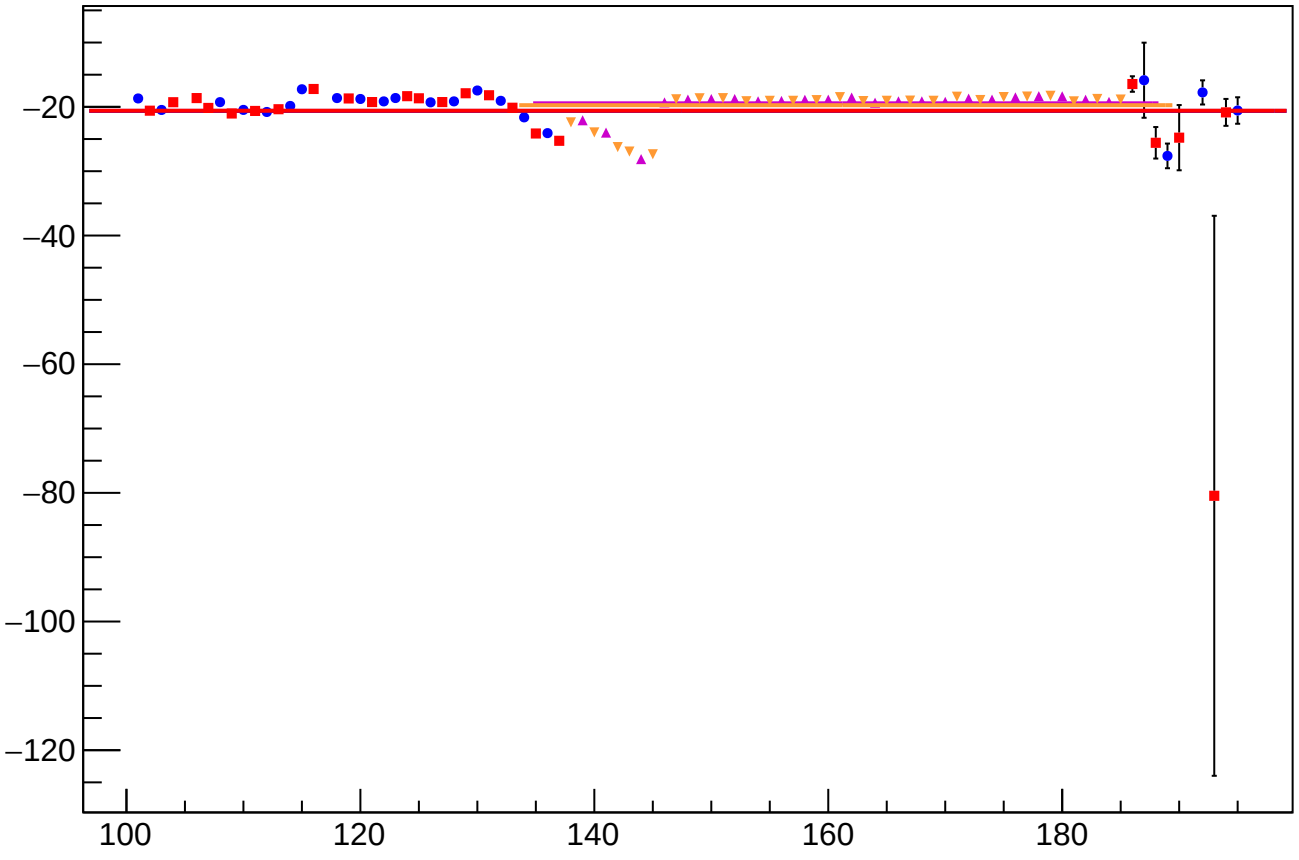
Right: 4.551+/-0.259 χ^2/NDF: 838.6/43

In: 8.963+/-0.154 χ^2/NDF:1686.0/43

Out: 8.719+/-0.153 χ^2/NDF:2099.9/47

All: 8.840+/-0.109 χ^2/NDF: 3787.2/91

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF: 12506.8/20

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.602+/-0.019 χ^2/NDF: 11969.6/22

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

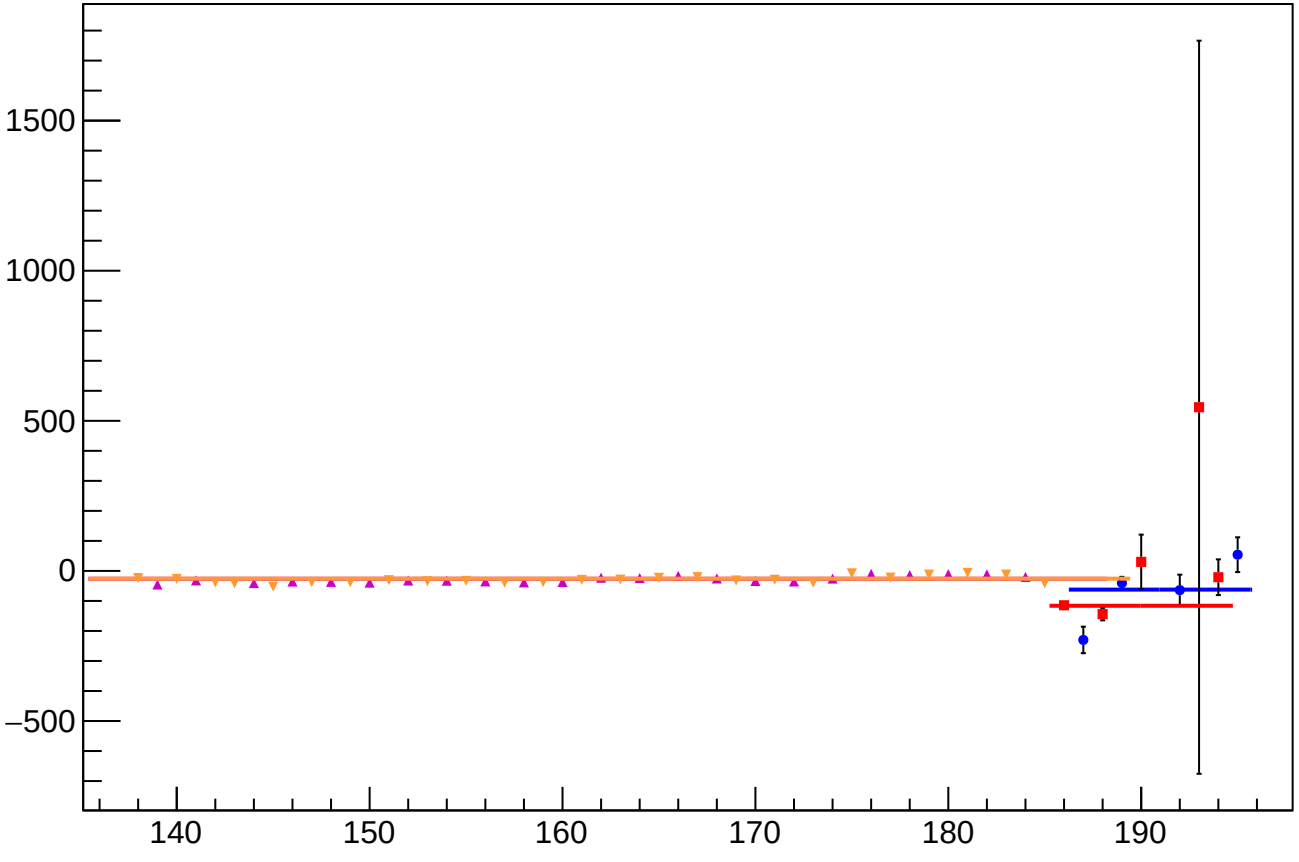
Right: -20.616+/-0.014 χ^2/NDF: 24477.6/43

In: -19.619+/-0.007 χ^2/NDF:69768.6/43

Out: -19.861+/-0.007 χ^2/NDF:102155.5/47

All: -19.740+/-0.005 χ^2/NDF: 172469.6/91

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -62.241+/-16.779 χ^2/NDF: 19.6/3

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -116.036+/-8.485 χ^2/NDF: 7.2/4

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

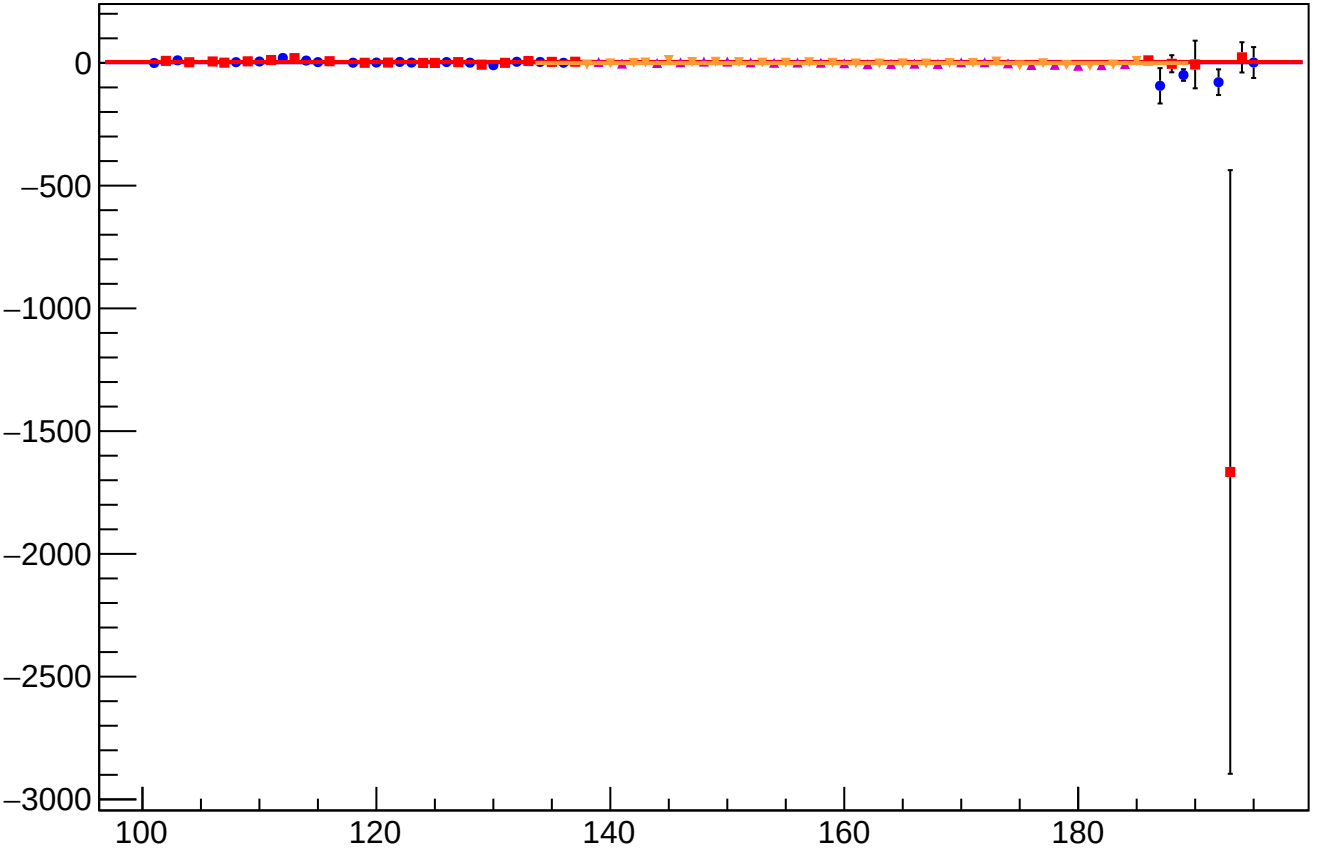
Right: -105.080+/-7.572 χ^2/NDF: 35.0/8

In: -26.205+/-0.194 χ^2/NDF:3368.8/26

Out: -25.861+/-0.192 χ^2/NDF:4214.8/29

All: -26.031+/-0.137 χ^2/NDF: 7585.2/56

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.434+/-0.311 χ^2/NDF: 302.4/20

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.863+/-0.327 χ^2/NDF: 271.2/22

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

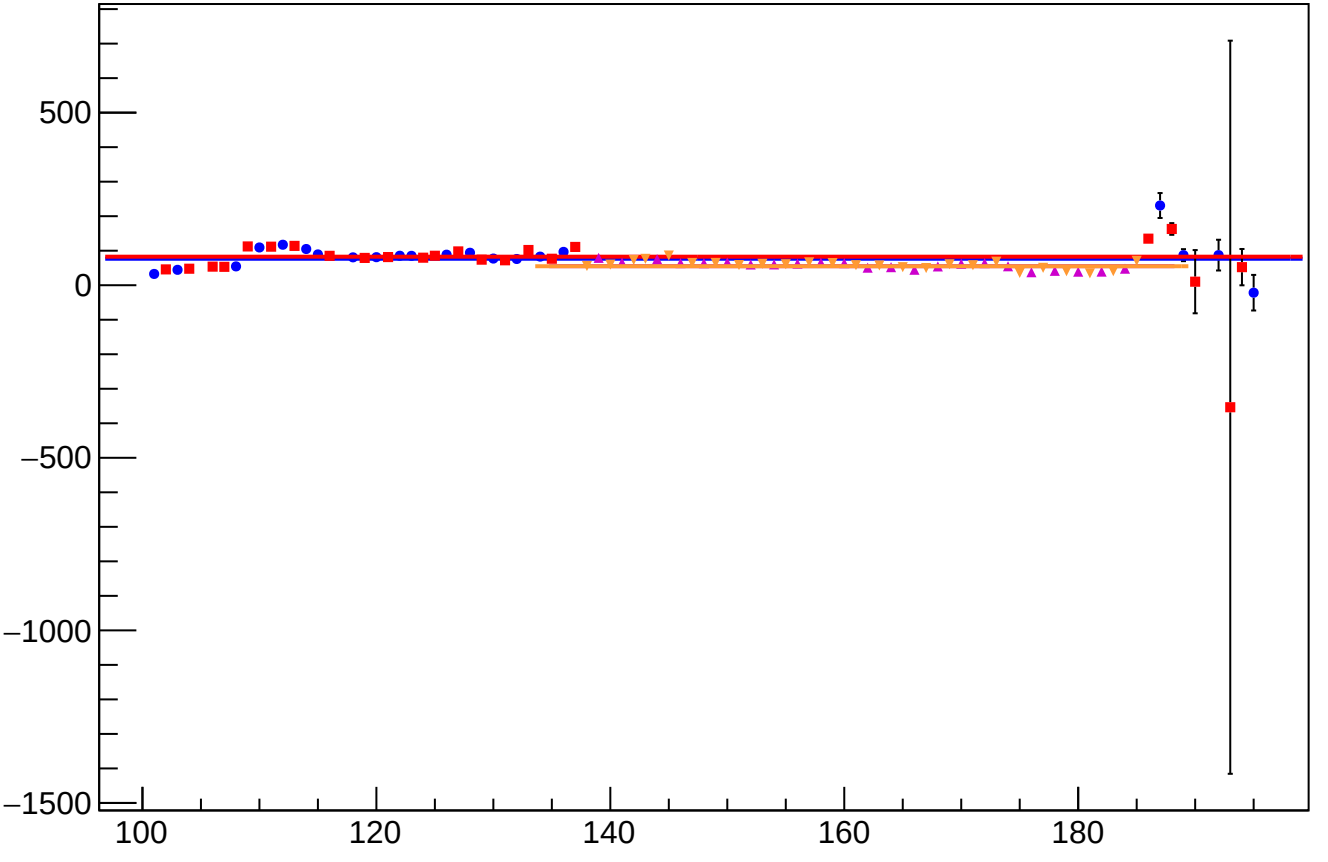
Right: 3.113+/-0.225 χ^2/NDF: 583.6/43

In: -0.167+/-0.135 χ^2/NDF:1500.0/43

Out: 0.127+/-0.134 χ^2/NDF:1731.4/47

All: -0.019+/-0.095 χ^2/NDF: 3233.8/91

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.727+/-0.573 χ^2/NDF: 2287.4/20

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.664+/-0.591 χ^2/NDF: 1621.6/22

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

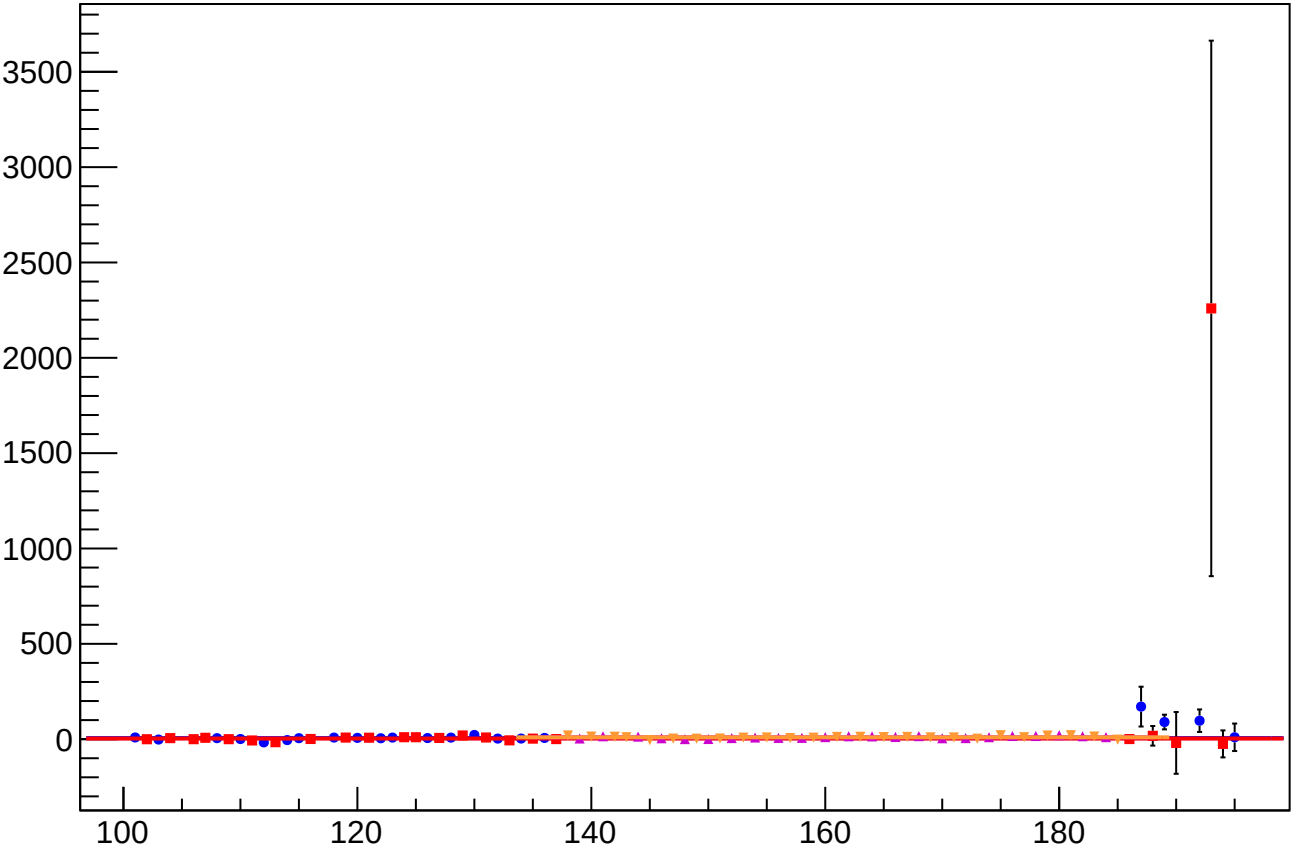
Right: 79.605+/-0.411 χ^2/NDF: 3961.0/43

In: 57.437+/-0.183 χ^2/NDF:7334.5/43

Out: 57.648+/-0.183 χ^2/NDF:8105.0/47

All: 57.543+/-0.129 χ^2/NDF: 15440.2/91

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.452+/-0.357 χ^2/NDF: 395.7/20

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.423+/-0.376 χ^2/NDF: 425.7/22

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

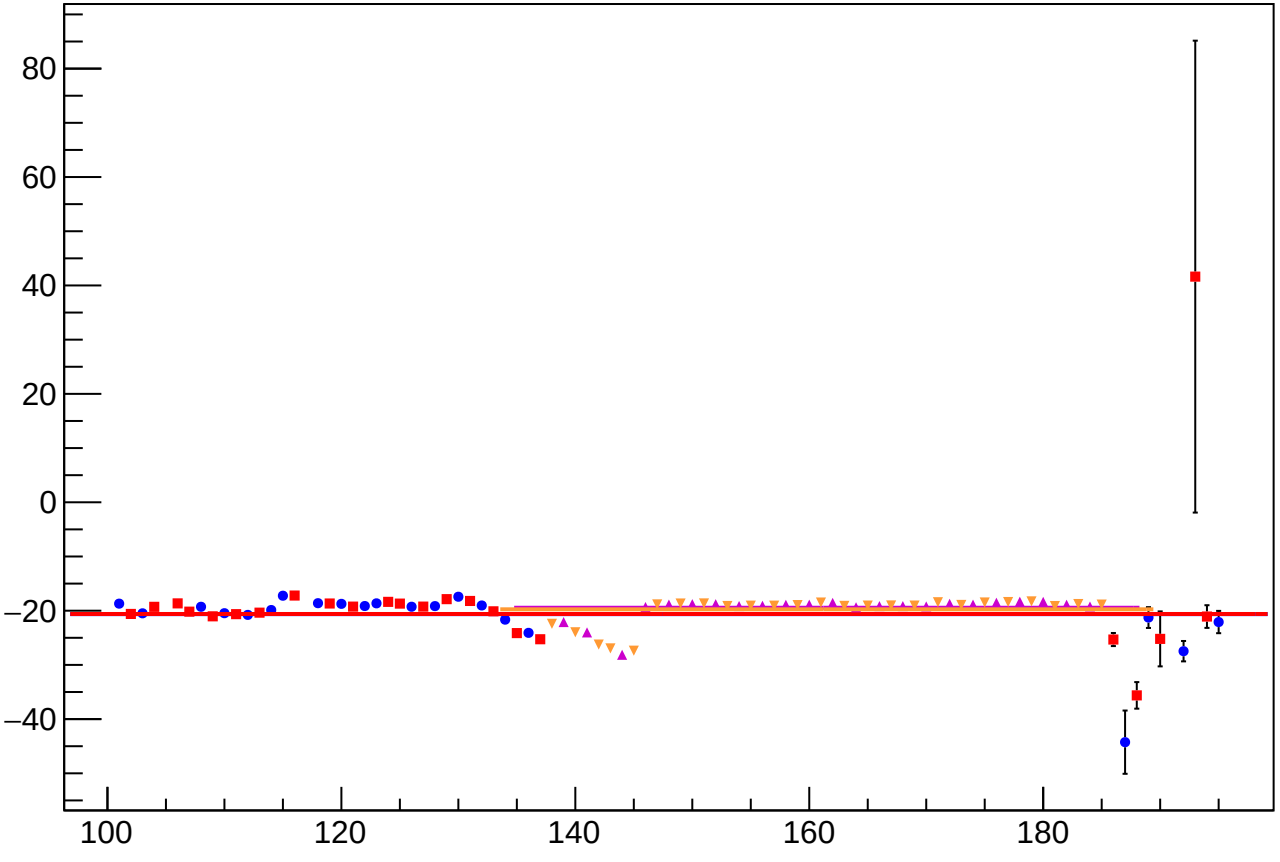
Right: 4.488+/-0.259 χ^2/NDF: 836.7/43

In: 8.913+/-0.155 χ^2/NDF:1708.9/43

Out: 8.643+/-0.154 χ^2/NDF:2097.9/47

All: 8.777+/-0.109 χ^2/NDF: 3808.4/91

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.633+/-0.019 χ^2/NDF: 12561.0/20

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11956.1/22

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

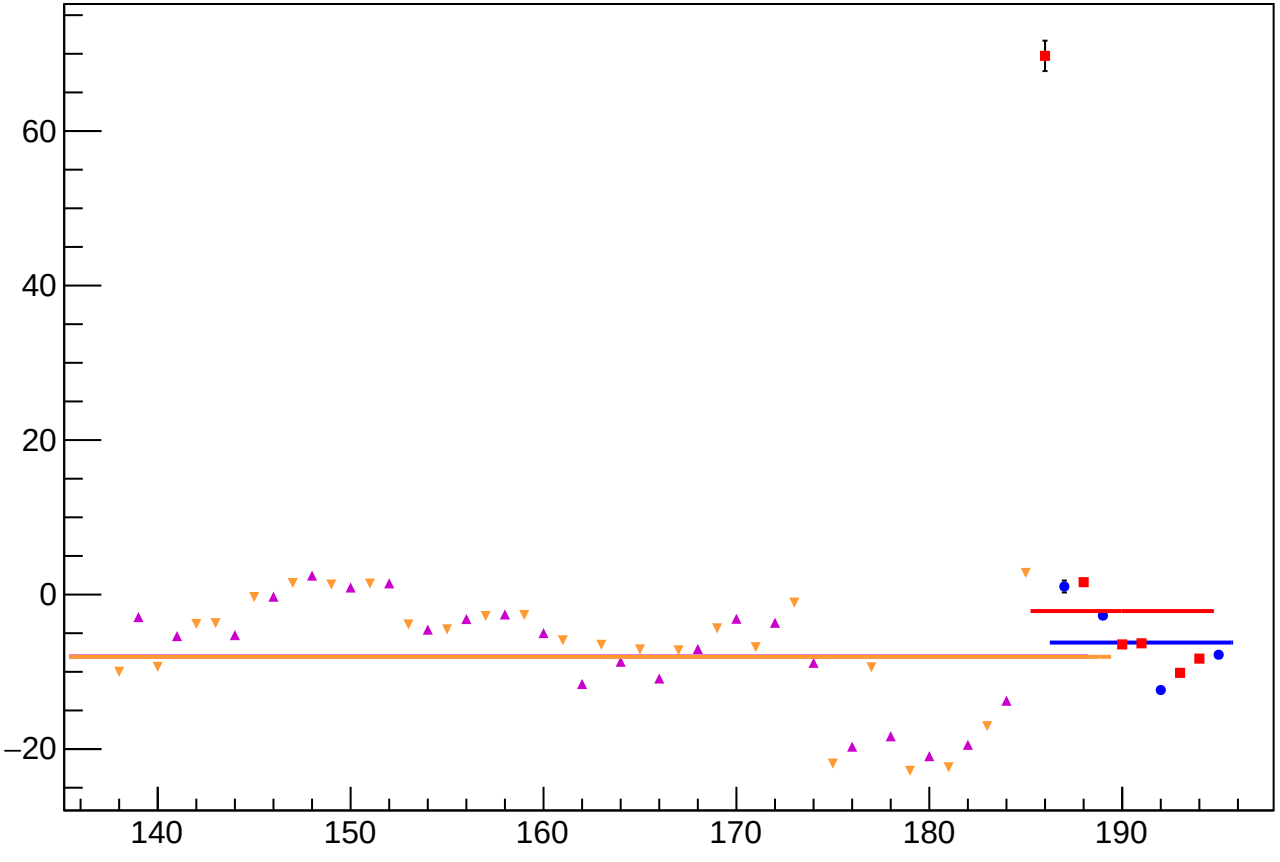
Right: -20.620+/-0.014 χ^2/NDF: 24517.9/43

In: -19.627+/-0.007 χ^2/NDF:69734.7/43

Out: -19.868+/-0.007 χ^2/NDF:102012.1/47

All: -19.748+/-0.005 χ^2/NDF: 172288.3/91

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.211+/-0.227 χ^2/NDF: 339.7/3

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -2.132+/-0.140 χ^2/NDF: 2535.8/5

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

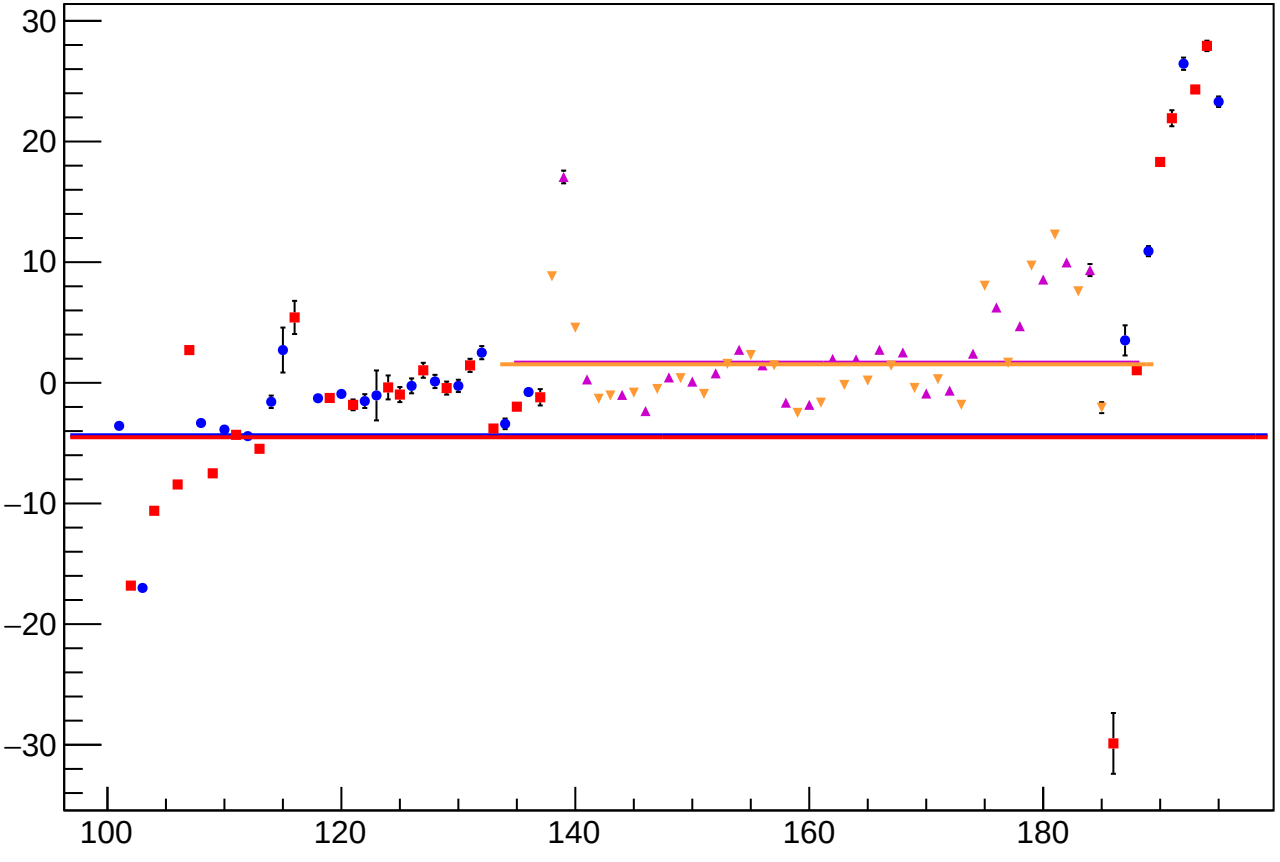
Right: -3.253+/-0.119 χ^2/NDF: 3110.0/9

In: -7.848+/-0.068 χ^2/NDF:11028.2/26

Out: -6.856+/-0.063 χ^2/NDF:16503.5/30

All: -7.312+/-0.046 χ^2/NDF: 27646.1/57

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.348+/-0.054 χ^2/NDF: 18653.3/20

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -4.512+/-0.057 χ^2/NDF: 28659.5/23

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

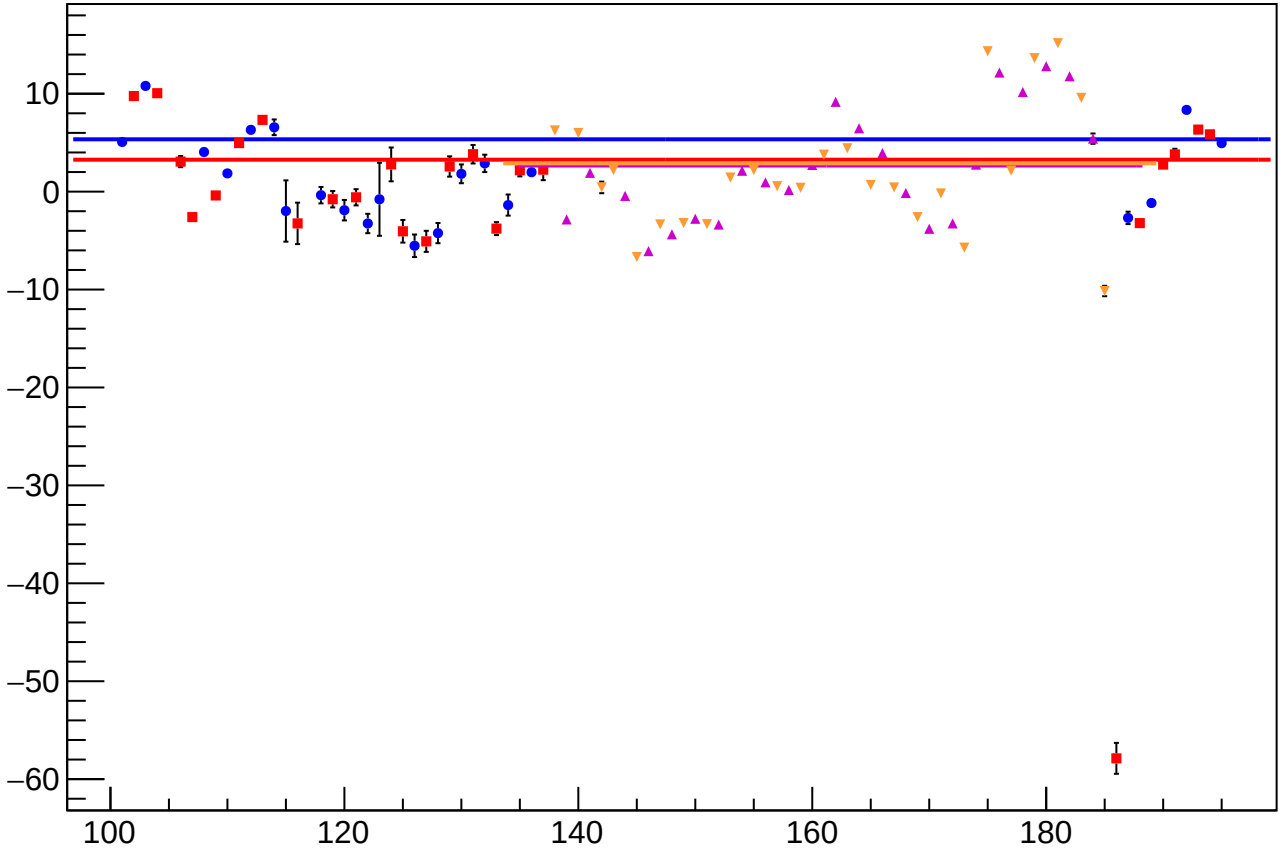
Right: -4.425+/-0.039 χ^2/NDF: 47317.2/44

In: -1.496+/-0.039 χ^2/NDF:28755.7/43

Out: -1.373+/-0.039 χ^2/NDF:39397.5/48

All: -1.435+/-0.028 χ^2/NDF: 68158.0/92

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.345+/-0.082 χ^2/NDF: 2029.7/20

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.260+/-0.075 χ^2/NDF: 6652.8/23

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

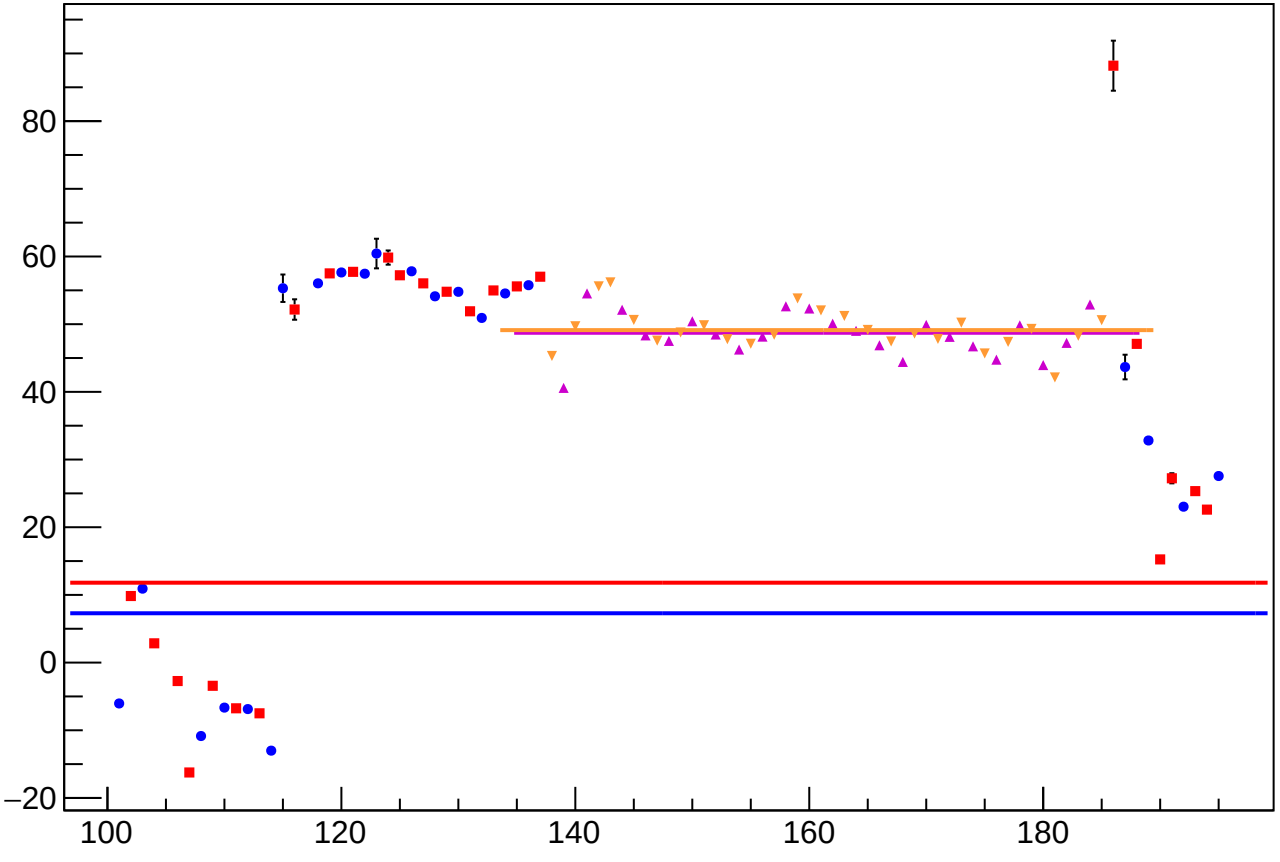
Right: 4.211+/-0.055 χ^2/NDF: 9035.4/44

In: 3.816+/-0.054 χ^2/NDF:9951.0/43

Out: 3.064+/-0.051 χ^2/NDF:15555.1/48

All: 3.423+/-0.037 χ^2/NDF: 25608.5/92

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.288+/-0.063 χ^2/NDF: 128112.7/20

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 11.804+/-0.068 χ^2/NDF: 132257.0/23

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

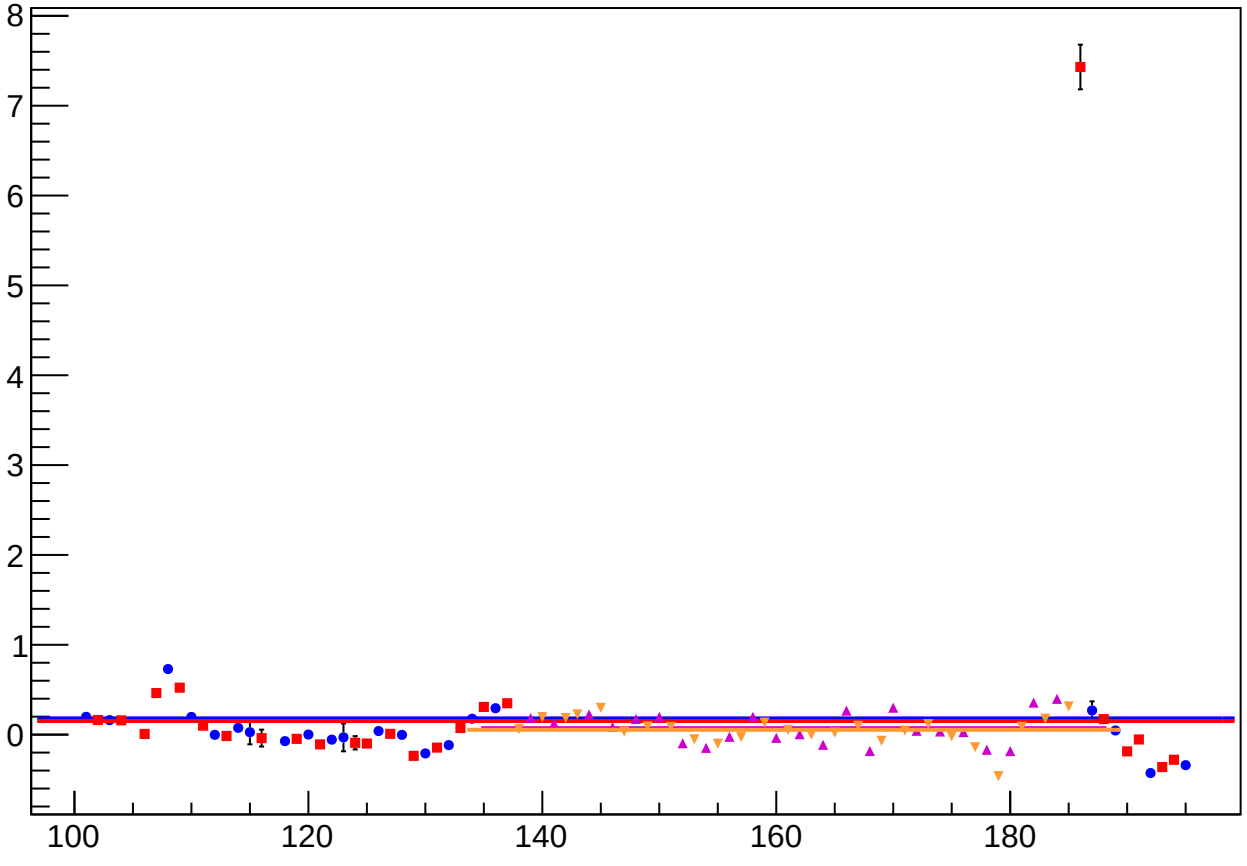
Right: 9.401+/-0.046 χ^2/NDF: 262742.8/44

In: 27.959+/-0.045 χ^2/NDF:343330.0/43

Out: 32.114+/-0.046 χ^2/NDF:300155.3/48

All: 30.002+/-0.032 χ^2/NDF: 647696.3/92

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.180+/-0.003 χ^2/NDF: 6485.0/20

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.152+/-0.003 χ^2/NDF: 6148.6/23

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

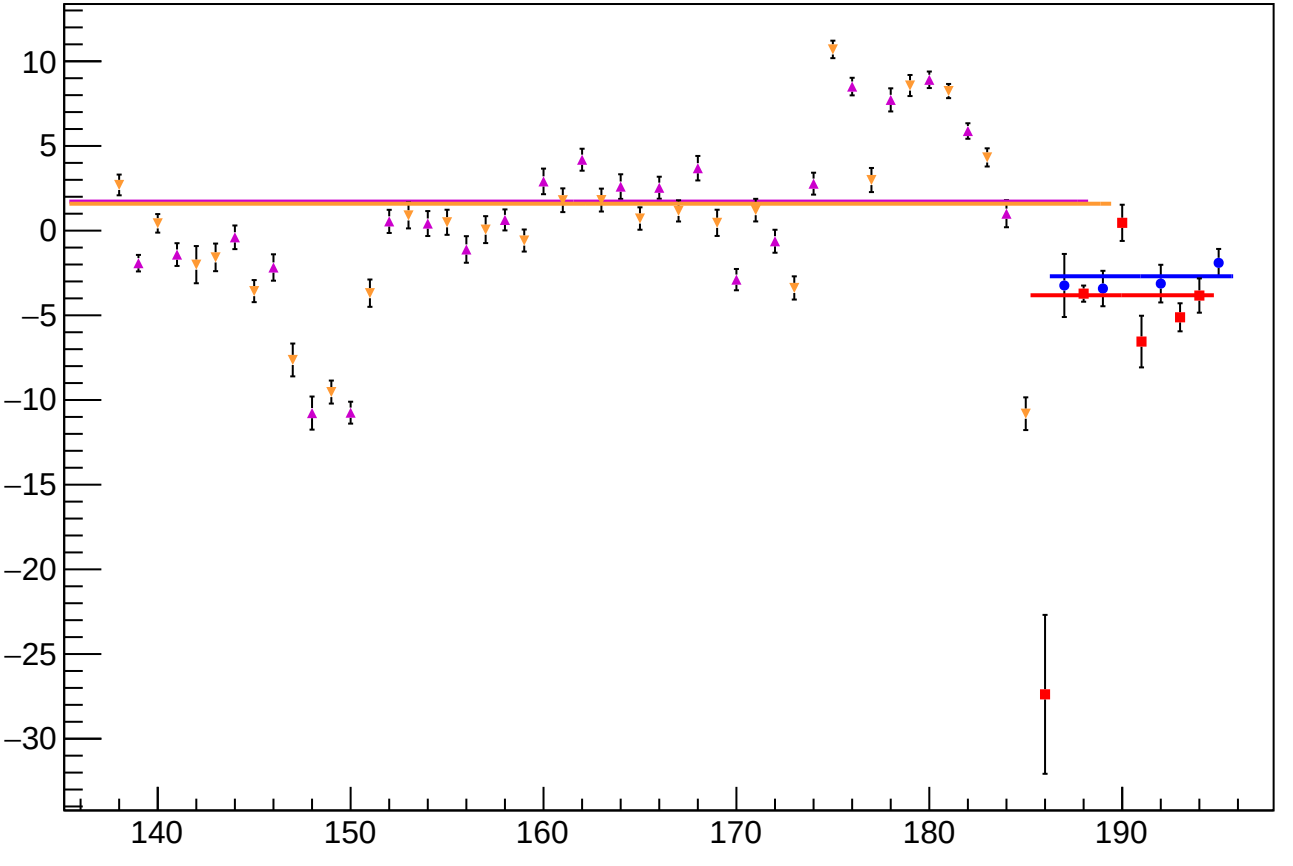
Right: 0.166+/-0.002 χ^2/NDF: 12693.1/44

In: 0.130+/-0.002 χ^2/NDF:10531.2/43

Out: 0.107+/-0.002 χ^2/NDF:9176.7/48

All: 0.118+/-0.001 χ^2/NDF: 19776.6/92

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.694+/-0.535 χ^2/NDF: 1.6/3

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.816+/-0.350 χ^2/NDF: 47.0/5

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

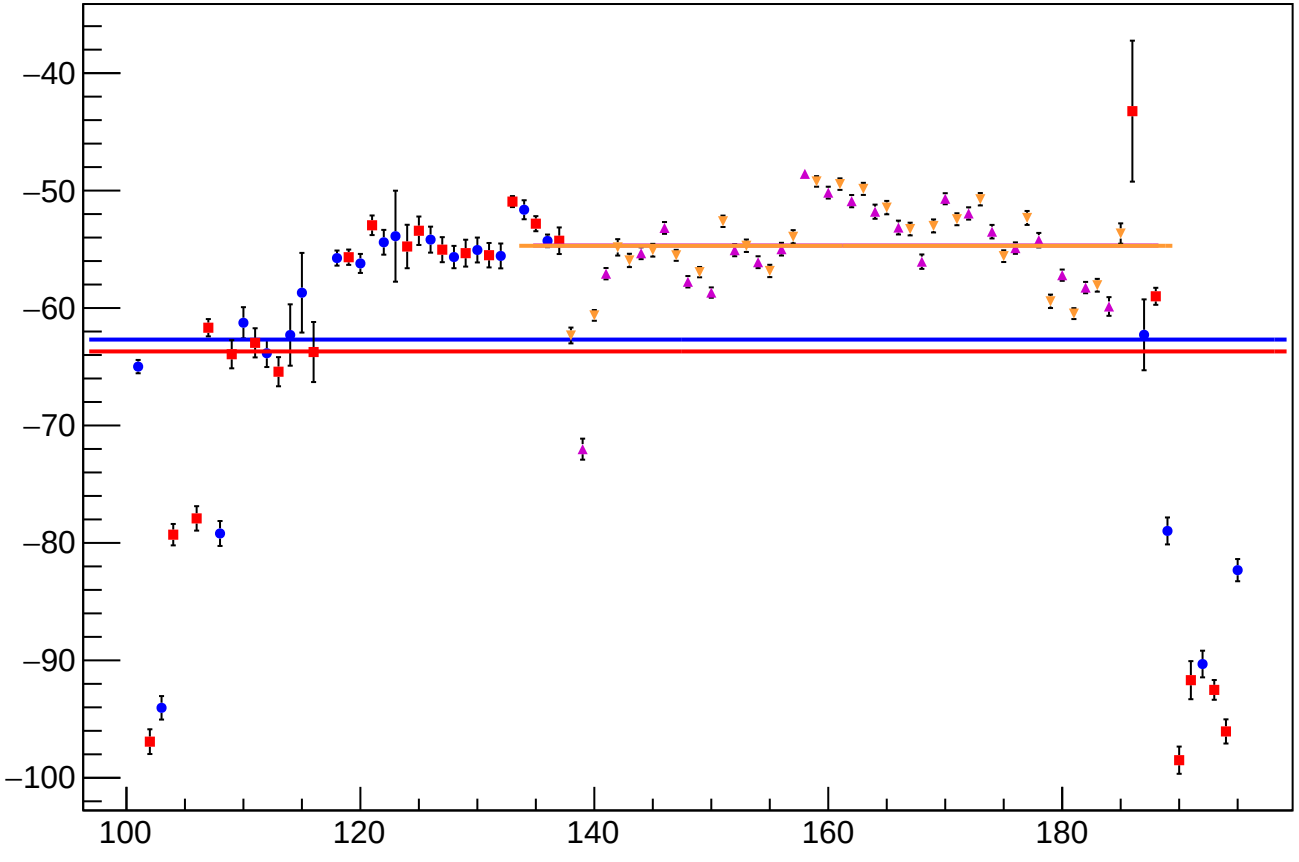
Right: -3.480+/-0.293 χ^2/NDF: 51.7/9

In: 1.455+/-0.130 χ^2/NDF:1379.0/26

Out: 0.907+/-0.124 χ^2/NDF:1713.2/30

All: 1.168+/-0.090 χ^2/NDF: 3101.5/57

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.685+/-0.209 χ^2/NDF: 3358.9/20

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -63.696+/-0.191 χ^2/NDF: 6590.8/23

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

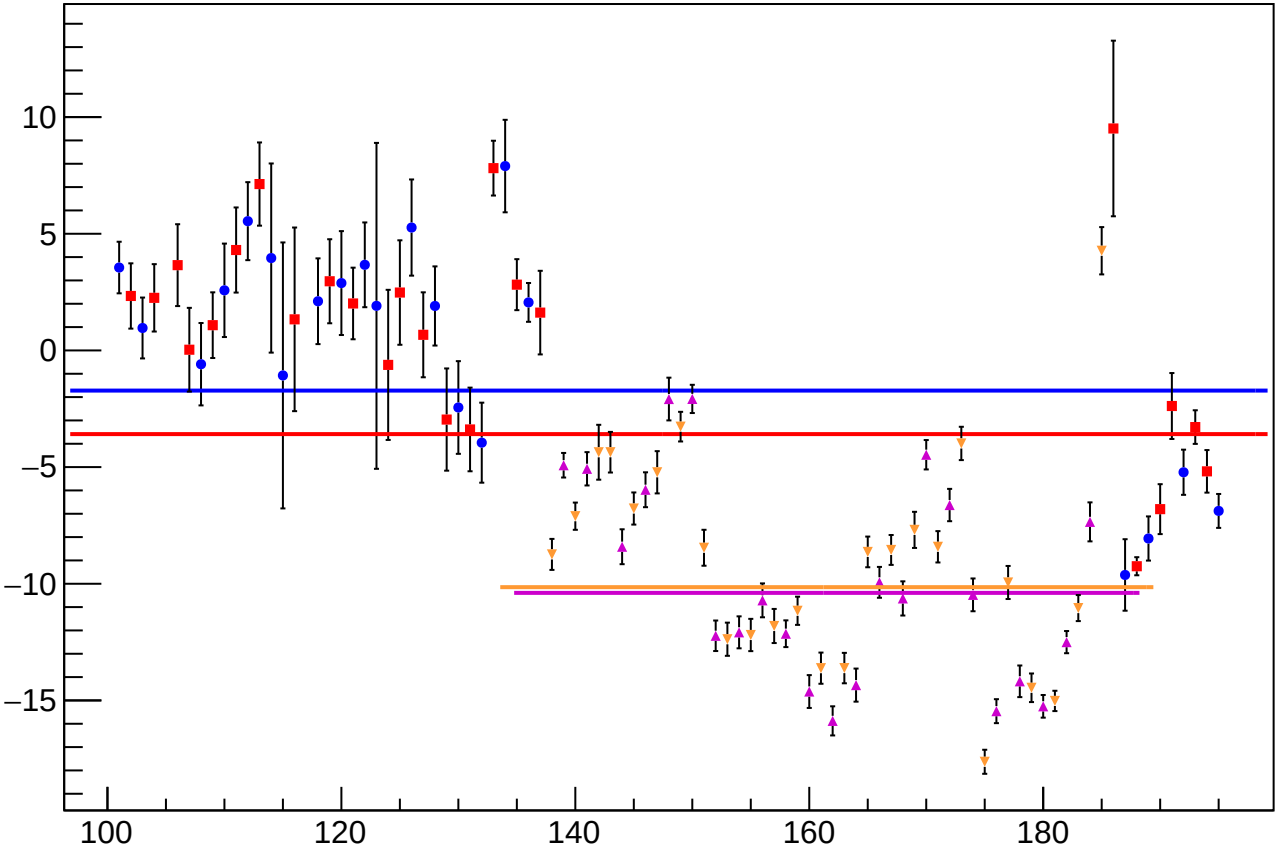
Right: -63.237+/-0.141 χ^2/NDF: 9962.4/44

In: -56.400+/-0.097 χ^2/NDF:5651.0/43

Out: -56.825+/-0.093 χ^2/NDF:9416.0/48

All: -56.622+/-0.067 χ^2/NDF: 15077.0/92

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.721+/-0.307 χ^2/NDF: 267.5/20

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -3.586+/-0.237 χ^2/NDF: 538.8/23

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

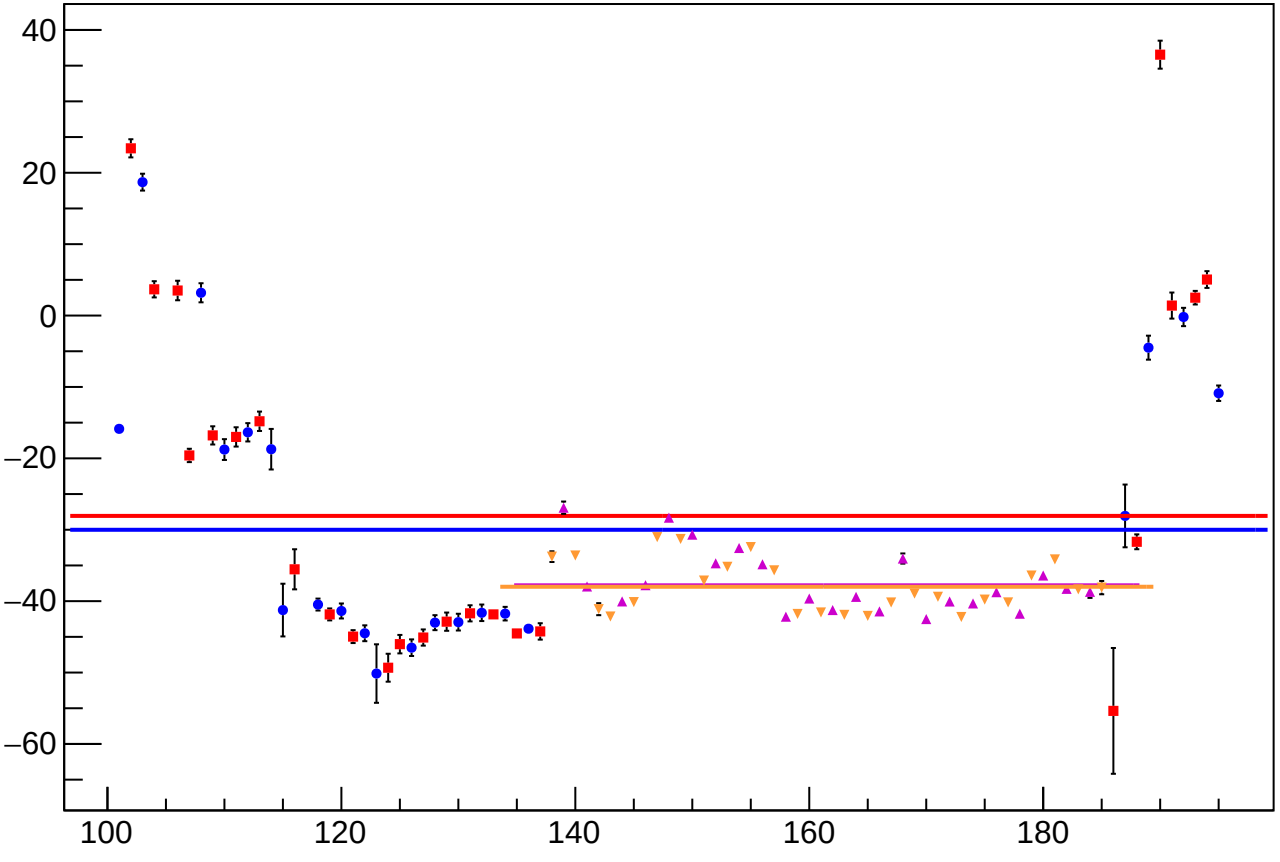
Right: -2.888+/-0.188 χ^2/NDF: 829.5/44

In: -9.006+/-0.123 χ^2/NDF:1963.4/43

Out: -8.576+/-0.116 χ^2/NDF:2171.7/48

All: -8.779+/-0.084 χ^2/NDF: 4141.7/92

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.004+/-0.240 χ^2/NDF: 5872.5/20

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -28.060+/-0.223 χ^2/NDF: 9319.7/23

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

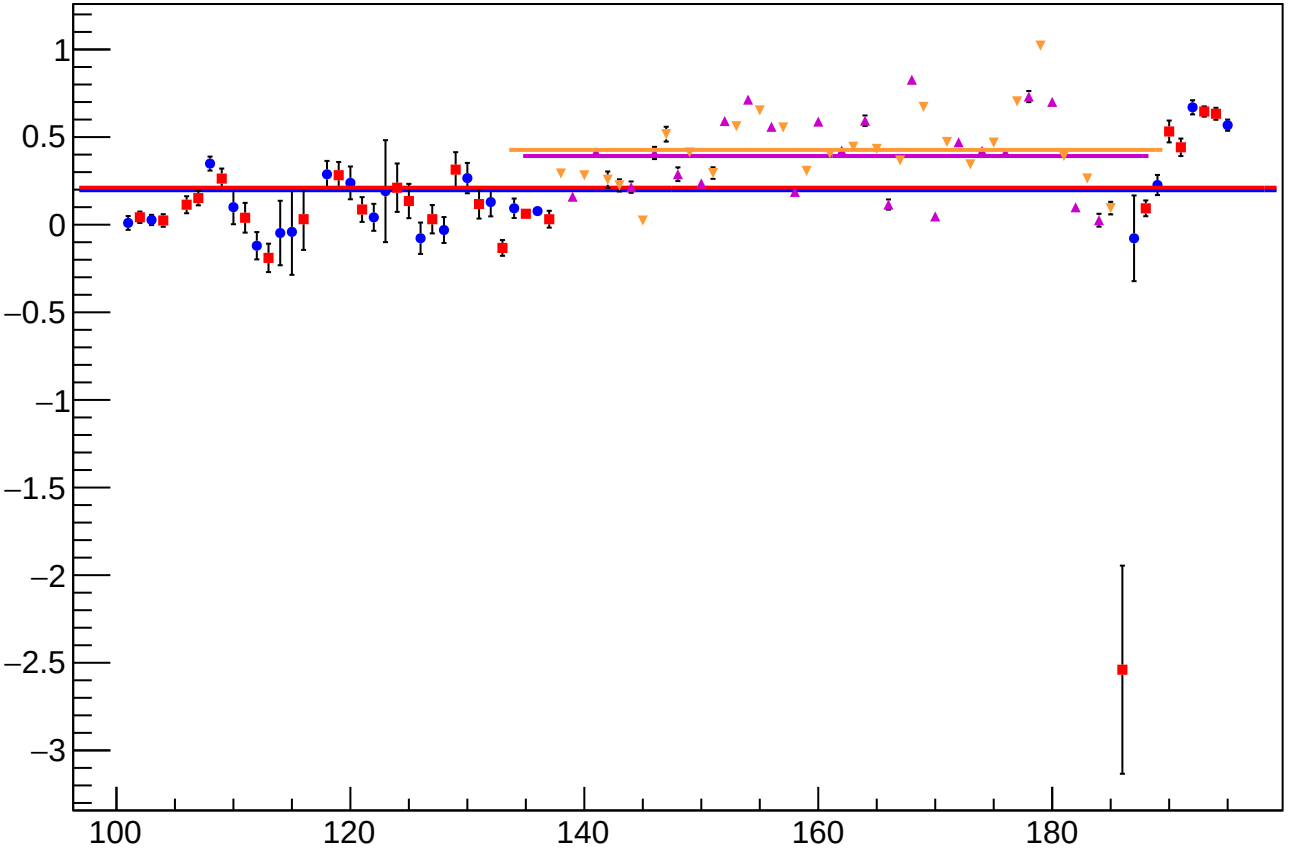
Right: -28.963+/-0.164 χ^2/NDF: 15227.3/44

In: -36.188+/-0.109 χ^2/NDF:7787.7/43

Out: -35.791+/-0.105 χ^2/NDF:11792.8/48

All: -35.983+/-0.076 χ^2/NDF: 19587.4/92

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.197+/-0.011 χ^2/NDF: 422.6/20

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.211+/-0.010 χ^2/NDF: 652.8/23

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

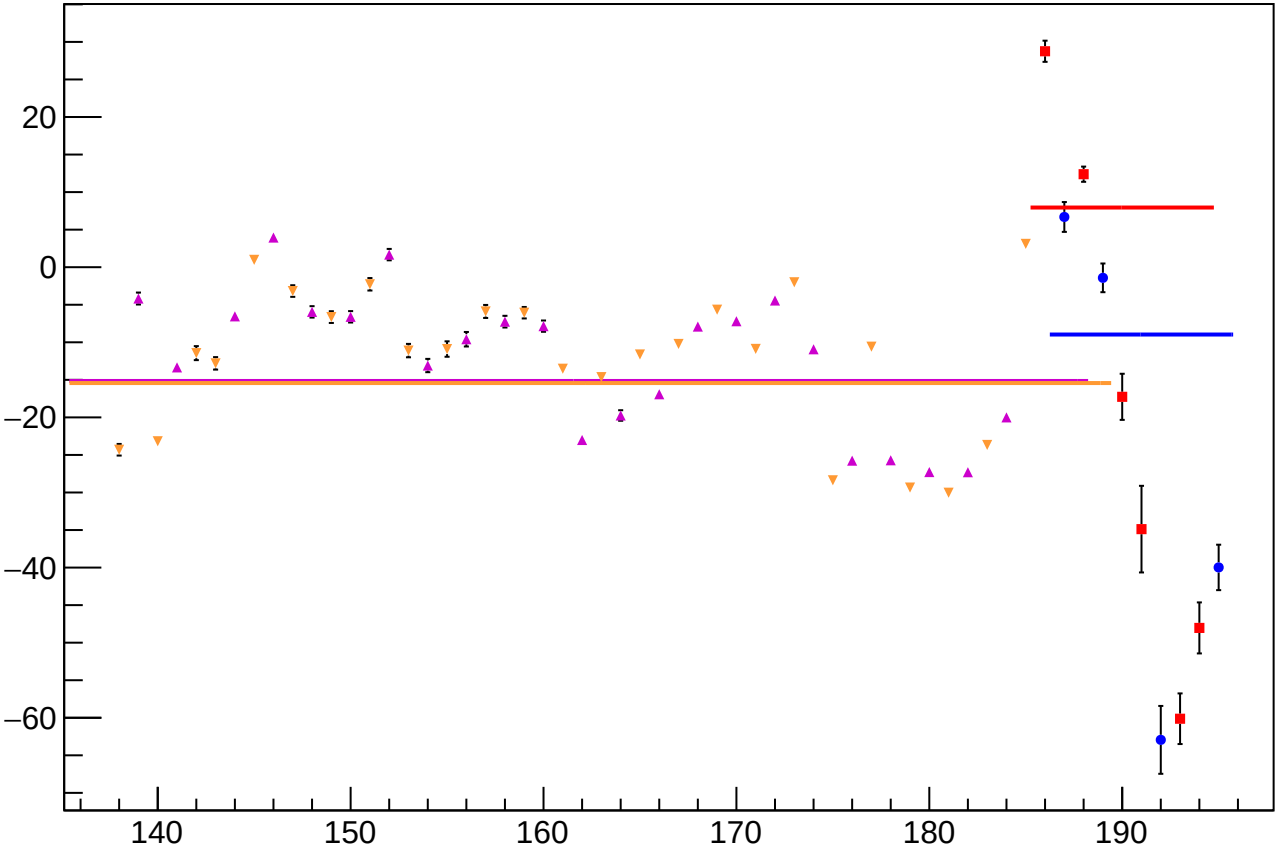
Right: 0.205+/-0.007 χ^2/NDF: 1076.4/44

In: 0.355+/-0.005 χ^2/NDF:2507.8/43

Out: 0.379+/-0.005 χ^2/NDF:2301.8/48

All: 0.367+/-0.003 χ^2/NDF: 4822.3/92

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.965+/-1.208 χ^2/NDF: 325.5/3

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 7.945+/-0.748 χ^2/NDF: 1039.0/5

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

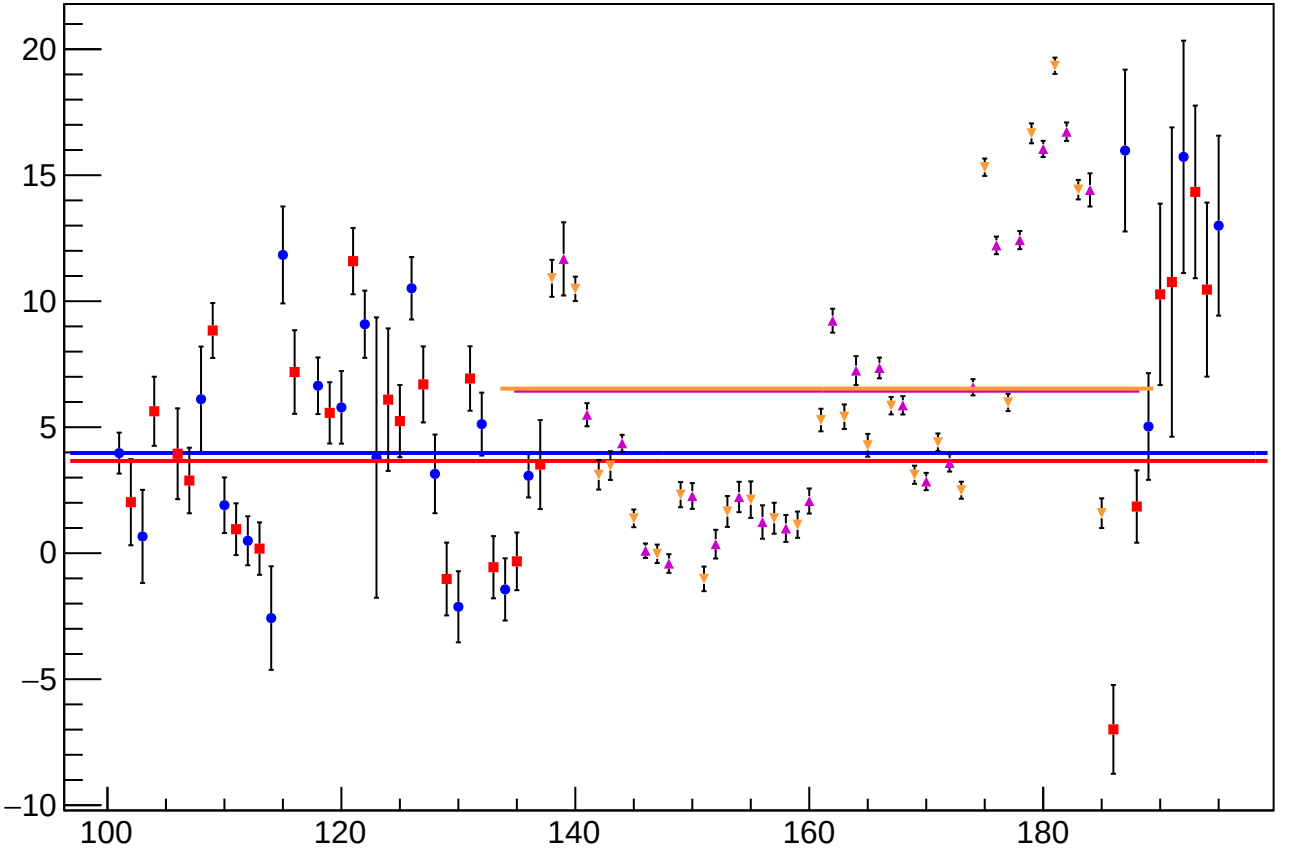
Right: 3.262+/-0.636 χ^2/NDF: 1506.1/9

In: -15.104+/-0.106 χ^2/NDF:9095.8/26

Out: -14.972+/-0.104 χ^2/NDF:12496.9/30

All: -15.037+/-0.074 χ^2/NDF: 21593.4/57

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.977+/-0.302 χ^2/NDF: 164.5/20

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.661+/-0.301 χ^2/NDF: 190.6/23

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

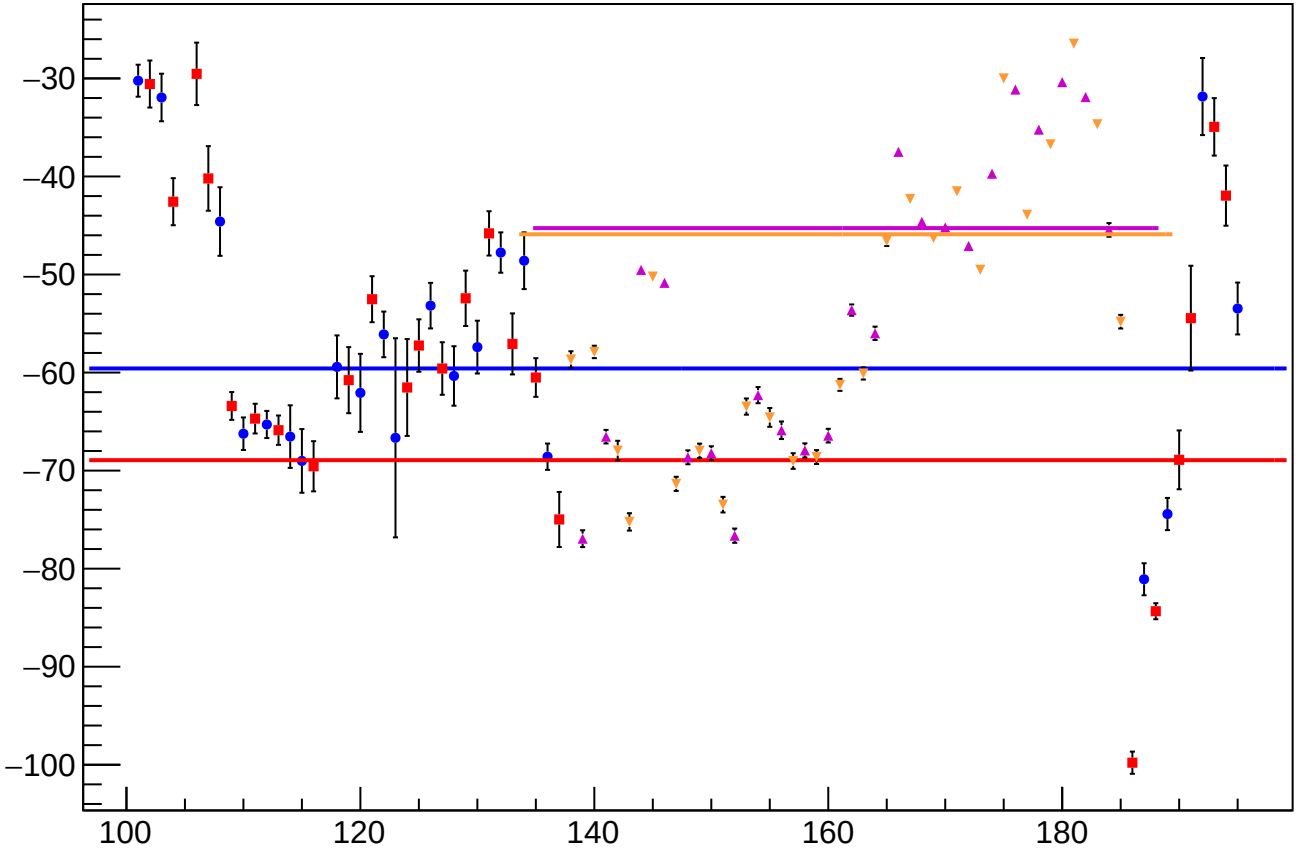
Right: 3.819+/-0.213 χ^2/NDF: 355.7/44

In: 6.264+/-0.083 χ^2/NDF:4182.0/43

Out: 6.316+/-0.082 χ^2/NDF:5244.4/48

All: 6.290+/-0.058 χ^2/NDF: 9426.6/92

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.582+/-0.479 χ^2/NDF: 932.5/20

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -68.936+/-0.404 χ^2/NDF: 2215.0/23

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

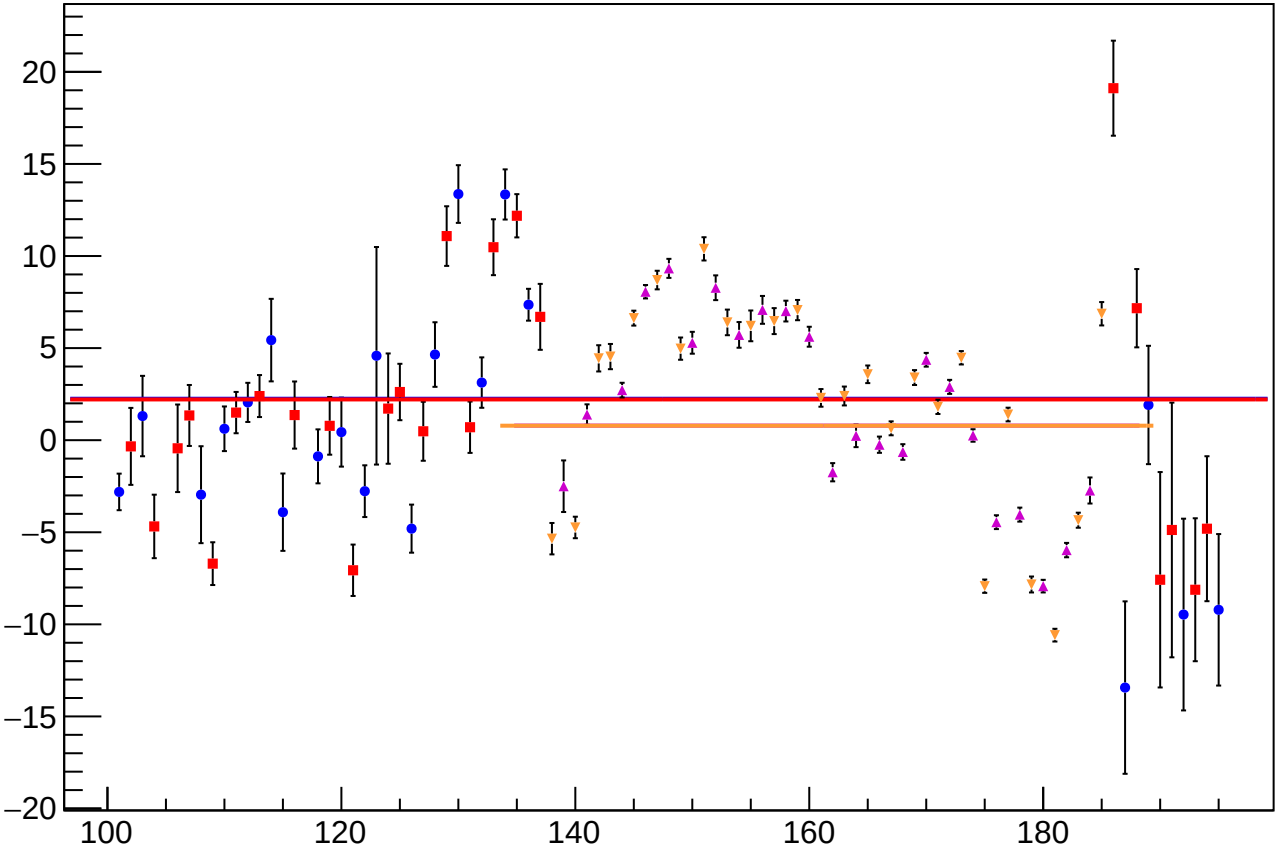
Right: -65.044+/-0.309 χ^2/NDF: 3370.2/44

In: -45.945+/-0.104 χ^2/NDF:17559.0/43

Out: -47.388+/-0.103 χ^2/NDF:22385.4/48

All: -46.676+/-0.073 χ^2/NDF: 40041.5/92

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.251+/-0.341 χ^2/NDF: 268.1/20

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.212+/-0.343 χ^2/NDF: 326.6/23

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

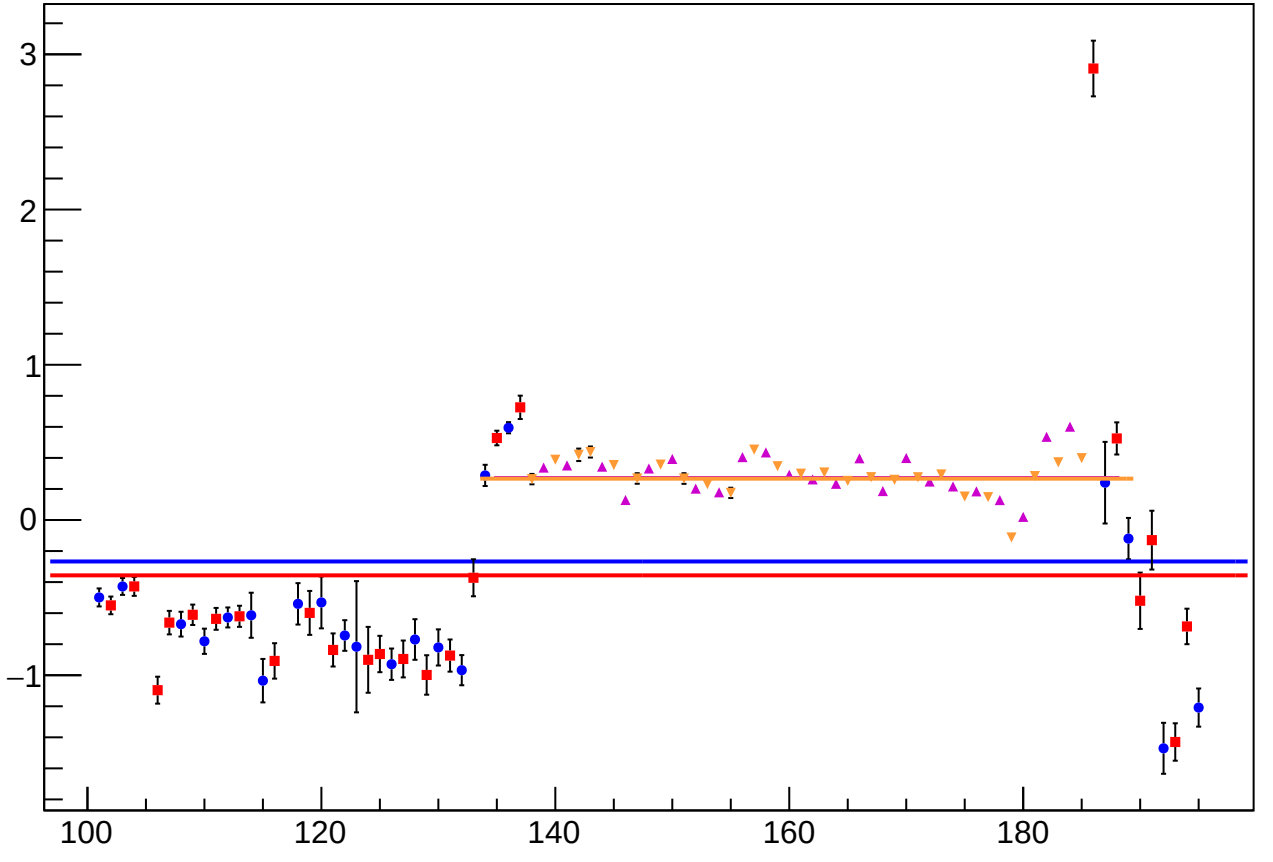
Right: 2.232+/-0.242 χ^2/NDF: 594.7/44

In: 0.899+/-0.093 χ^2/NDF:2982.8/43

Out: 0.889+/-0.092 χ^2/NDF:4089.4/48

All: 0.894+/-0.065 χ^2/NDF: 7072.1/92

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.267+/-0.018 χ^2/NDF: 1078.7/20

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.357+/-0.018 χ^2/NDF: 1343.7/23

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

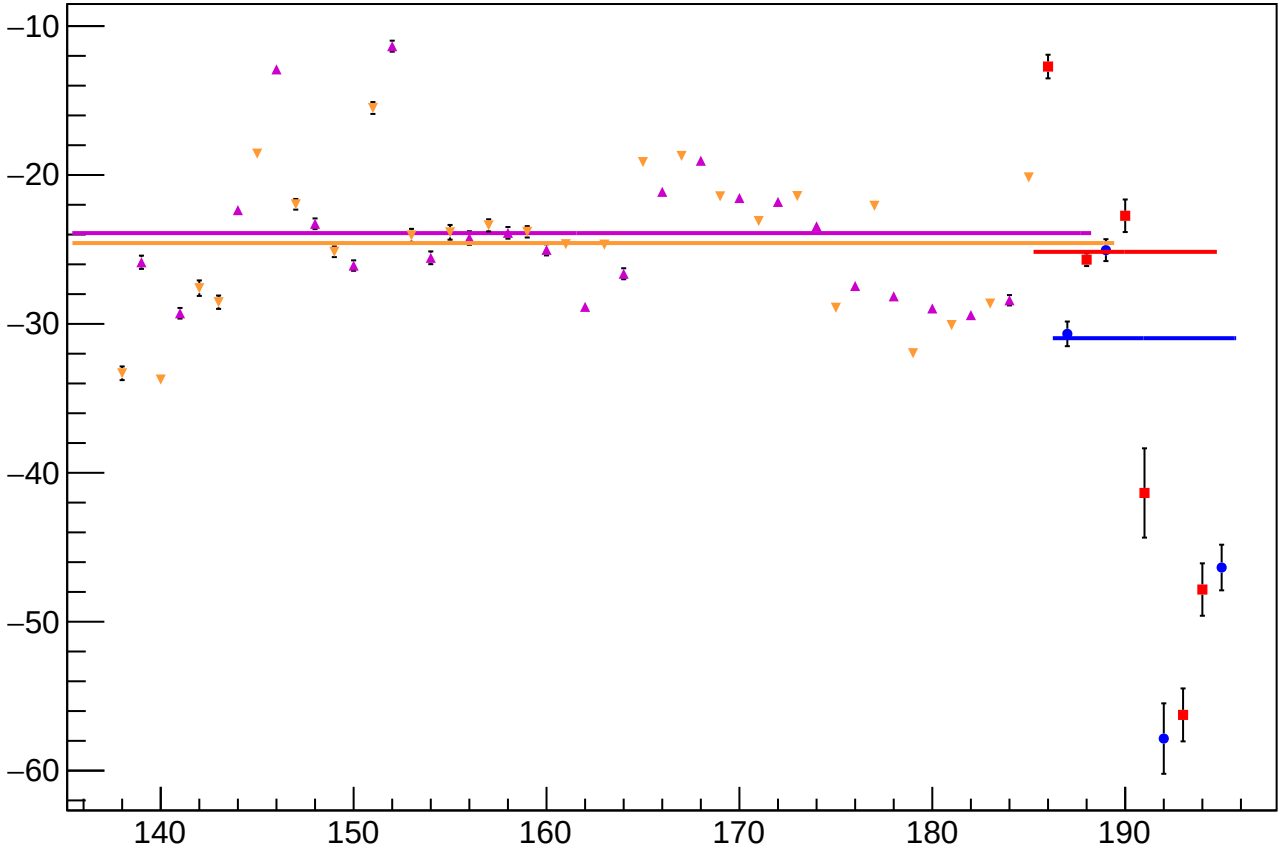
Right: -0.313+/-0.013 χ^2/NDF: 2434.5/44

In: 0.241+/-0.004 χ^2/NDF:2866.5/43

Out: 0.232+/-0.004 χ^2/NDF:3176.7/48

All: 0.236+/-0.003 χ^2/NDF: 6045.6/92

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.960+/-0.505 χ^2/NDF: 295.0/3

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -25.161+/-0.342 χ^2/NDF: 753.4/5

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

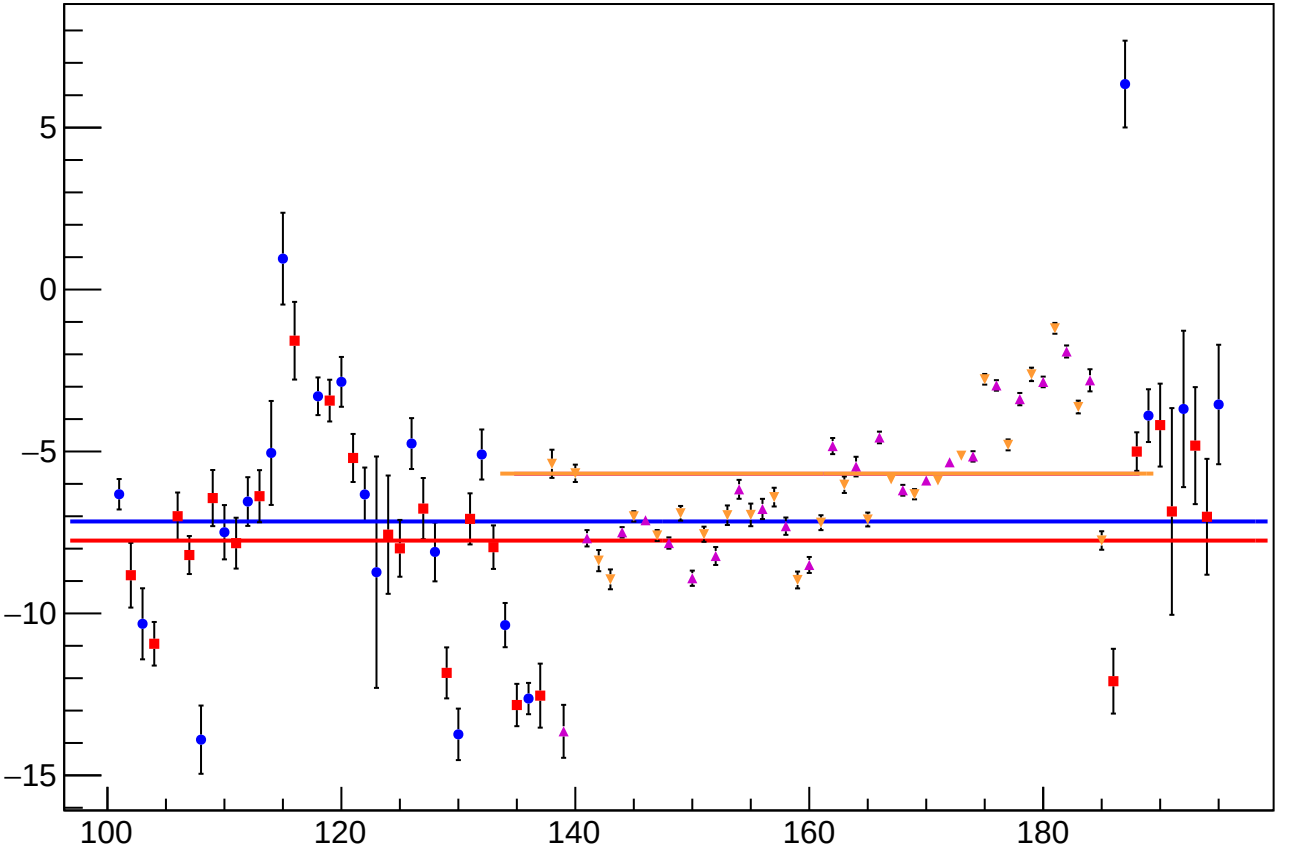
Right: -26.980+/-0.283 χ^2/NDF: 1138.7/9

In: -23.973+/-0.051 χ^2/NDF:9646.9/26

Out: -24.584+/-0.050 χ^2/NDF:9366.3/30

All: -24.279+/-0.036 χ^2/NDF: 19086.4/57

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.160+/-0.178 χ^2/NDF: 524.0/20

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.751+/-0.171 χ^2/NDF: 277.2/23

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

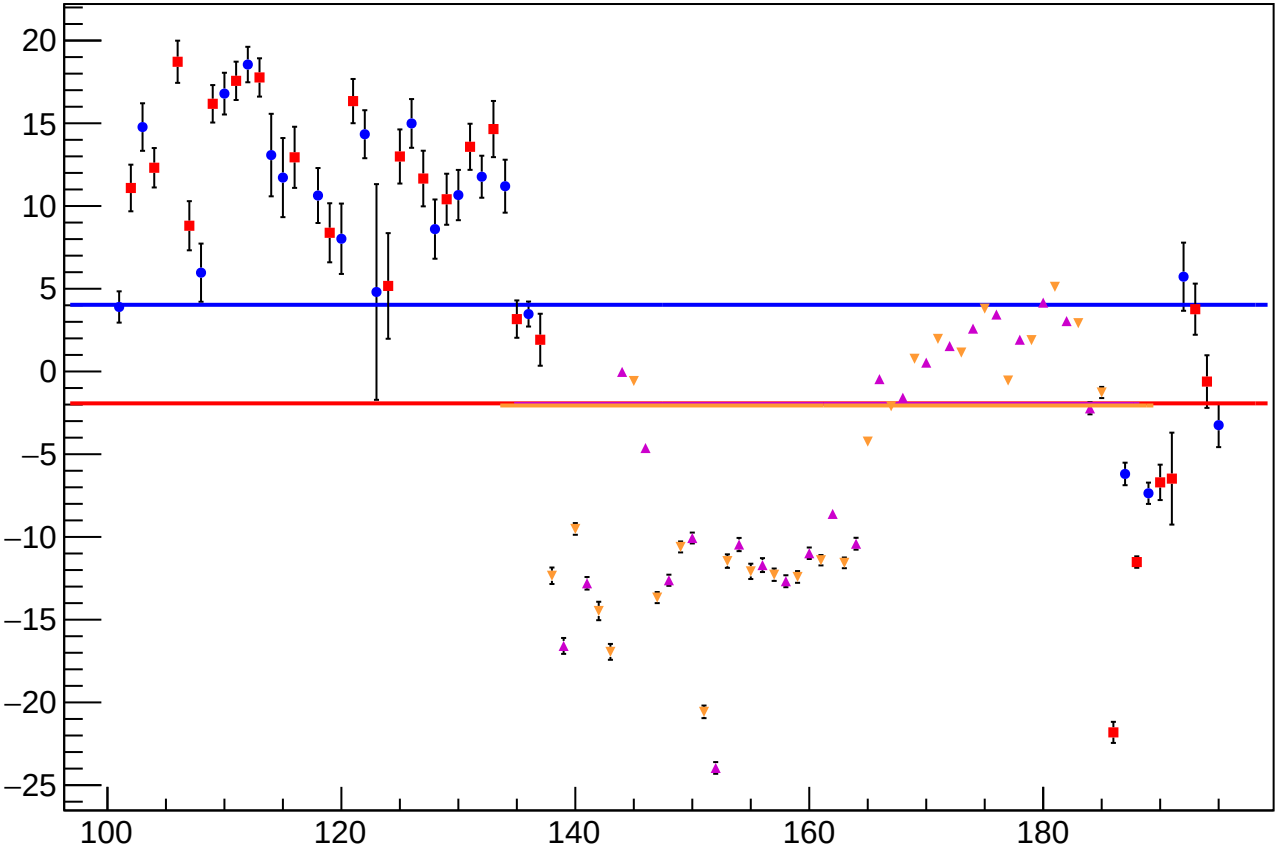
Right: -7.467+/-0.123 χ^2/NDF: 807.0/44

In: -5.763+/-0.040 χ^2/NDF:2917.1/43

Out: -5.796+/-0.040 χ^2/NDF:2646.0/48

All: -5.779+/-0.028 χ^2/NDF: 5563.5/92

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.029+/-0.265 χ^2/NDF: 1145.1/20

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.927+/-0.215 χ^2/NDF: 3897.8/23

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

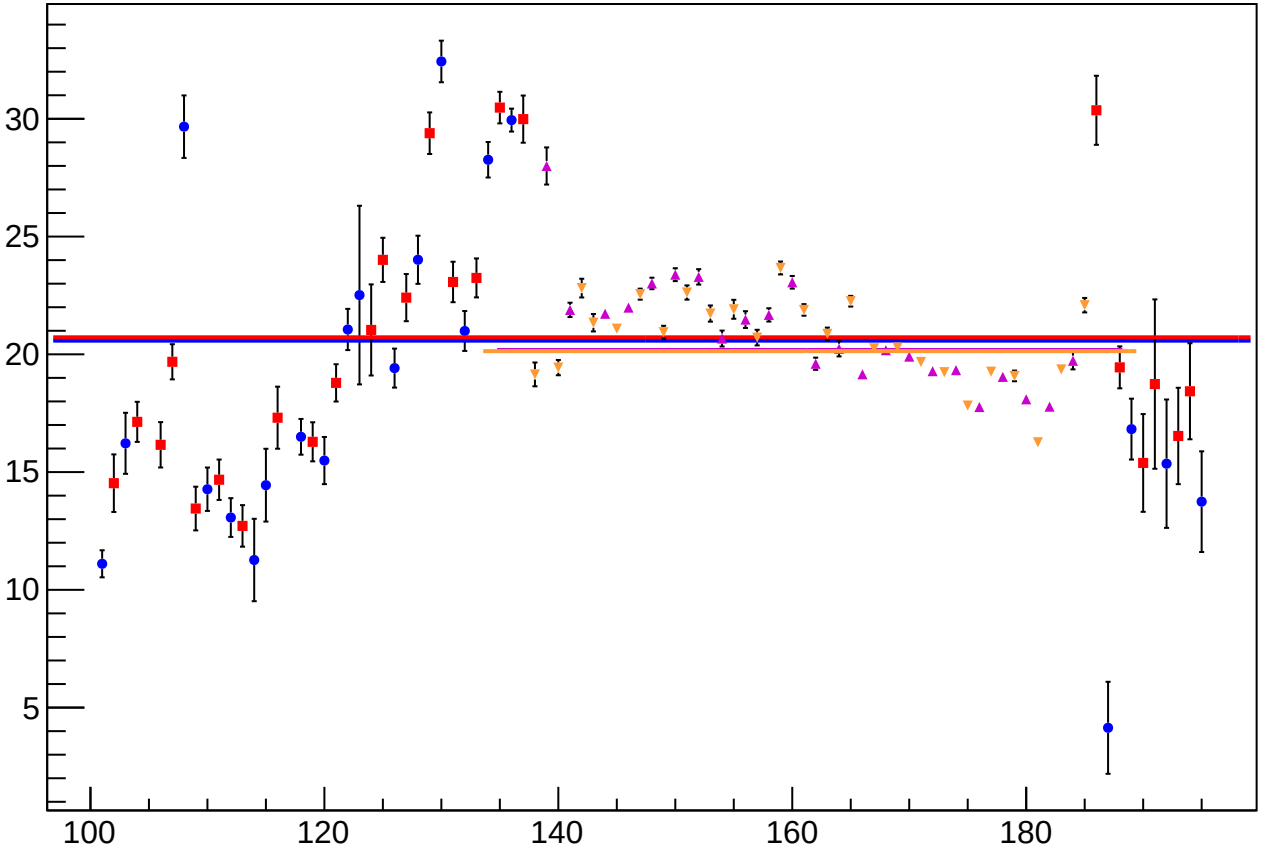
Right: 0.432+/-0.167 χ^2/NDF: 5347.1/44

In: -1.749+/-0.050 χ^2/NDF:17129.6/43

Out: -2.048+/-0.050 χ^2/NDF:19940.6/48

All: -1.899+/-0.035 χ^2/NDF: 37088.0/92

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.581+/-0.204 χ^2/NDF: 1322.0/20

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.722+/-0.202 χ^2/NDF: 786.0/23

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

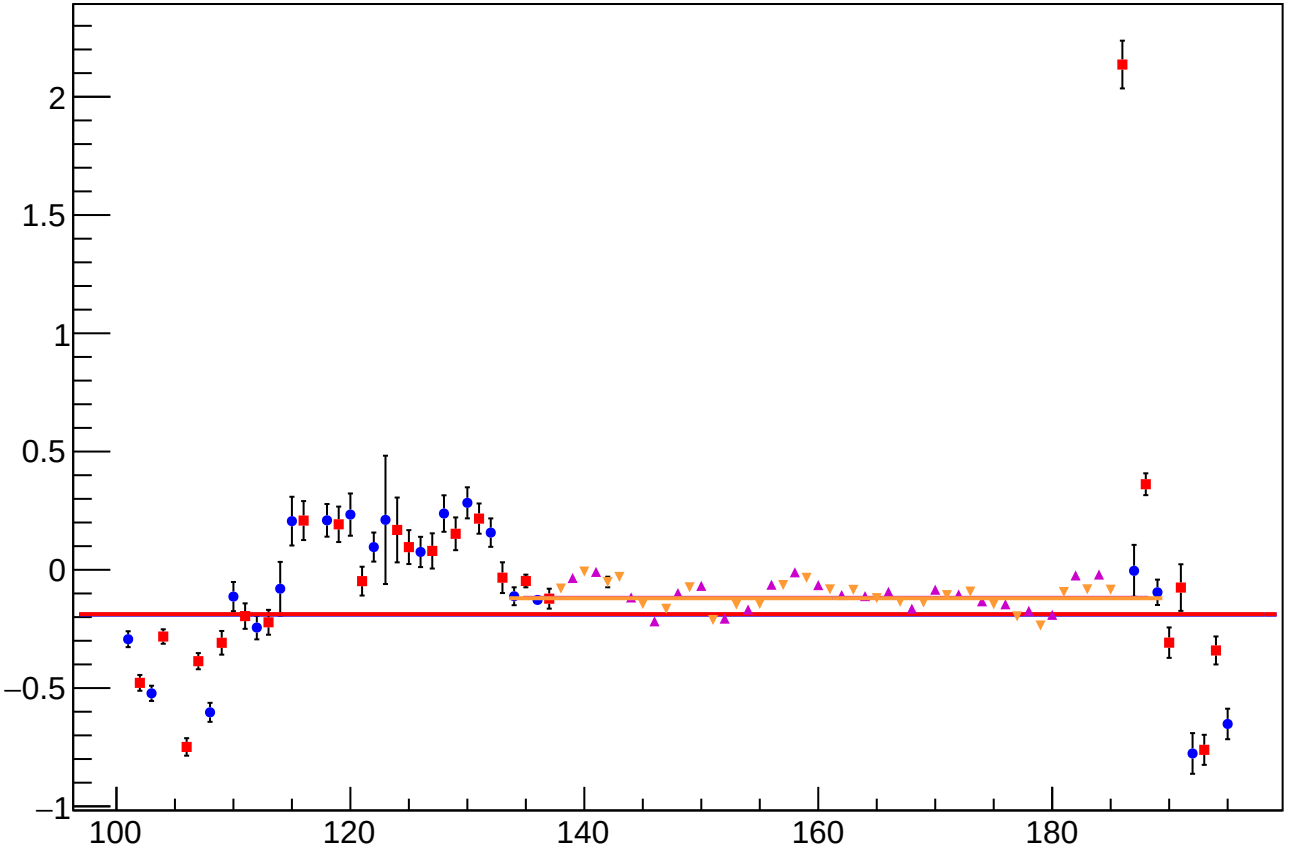
Right: 20.653+/-0.143 χ^2/NDF: 2108.3/44

In: 20.203+/-0.045 χ^2/NDF:2796.3/43

Out: 20.165+/-0.045 χ^2/NDF:2208.3/48

All: 20.184+/-0.032 χ^2/NDF: 5004.9/92

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.190+/-0.011 χ^2/NDF: 570.5/20

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.187+/-0.010 χ^2/NDF: 1308.8/23

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

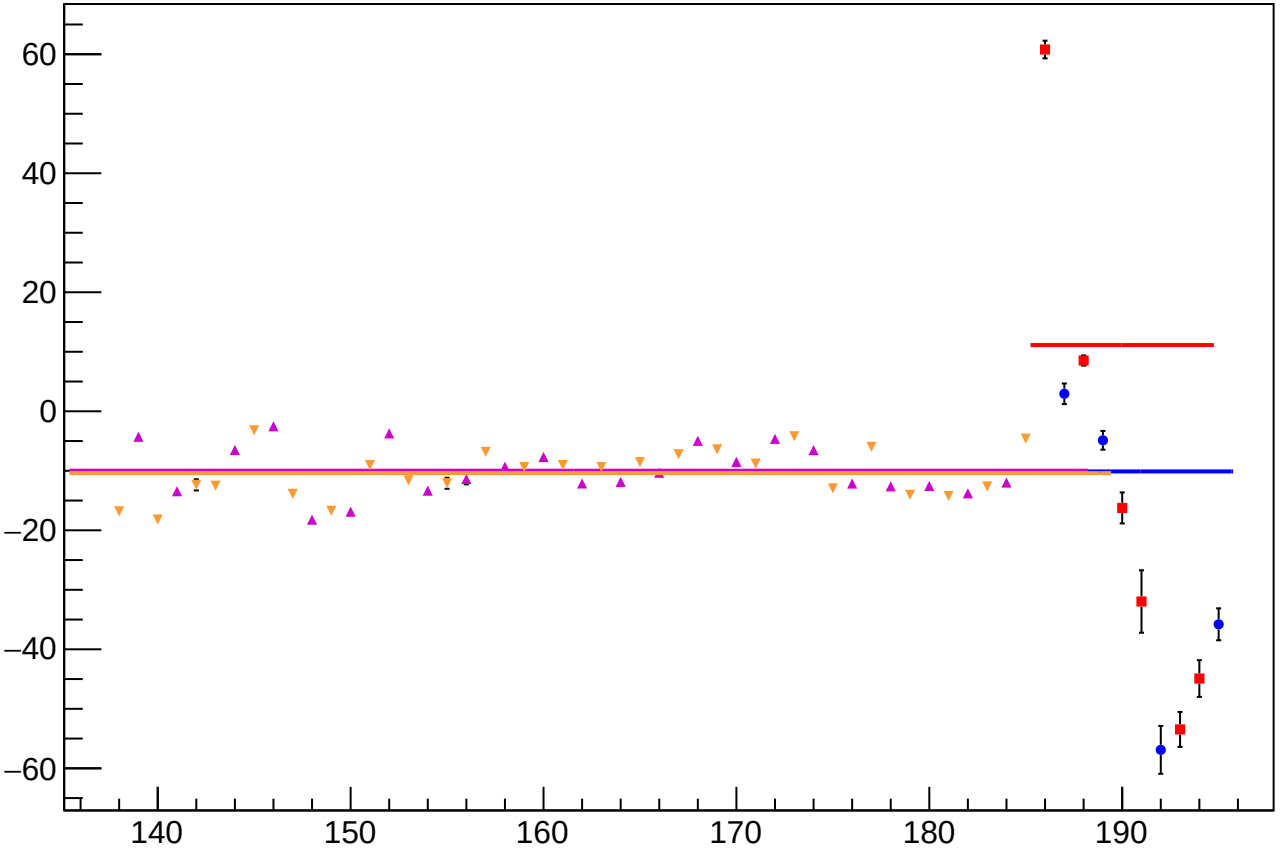
Right: -0.188+/-0.007 χ^2/NDF: 1879.4/44

In: -0.121+/-0.002 χ^2/NDF:1340.8/43

Out: -0.123+/-0.002 χ^2/NDF:1883.7/48

All: -0.122+/-0.001 χ^2/NDF: 3224.9/92

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.109+/-1.033 χ^2/NDF: 294.6/3

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 11.129+/-0.672 χ^2/NDF: 2115.3/5

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

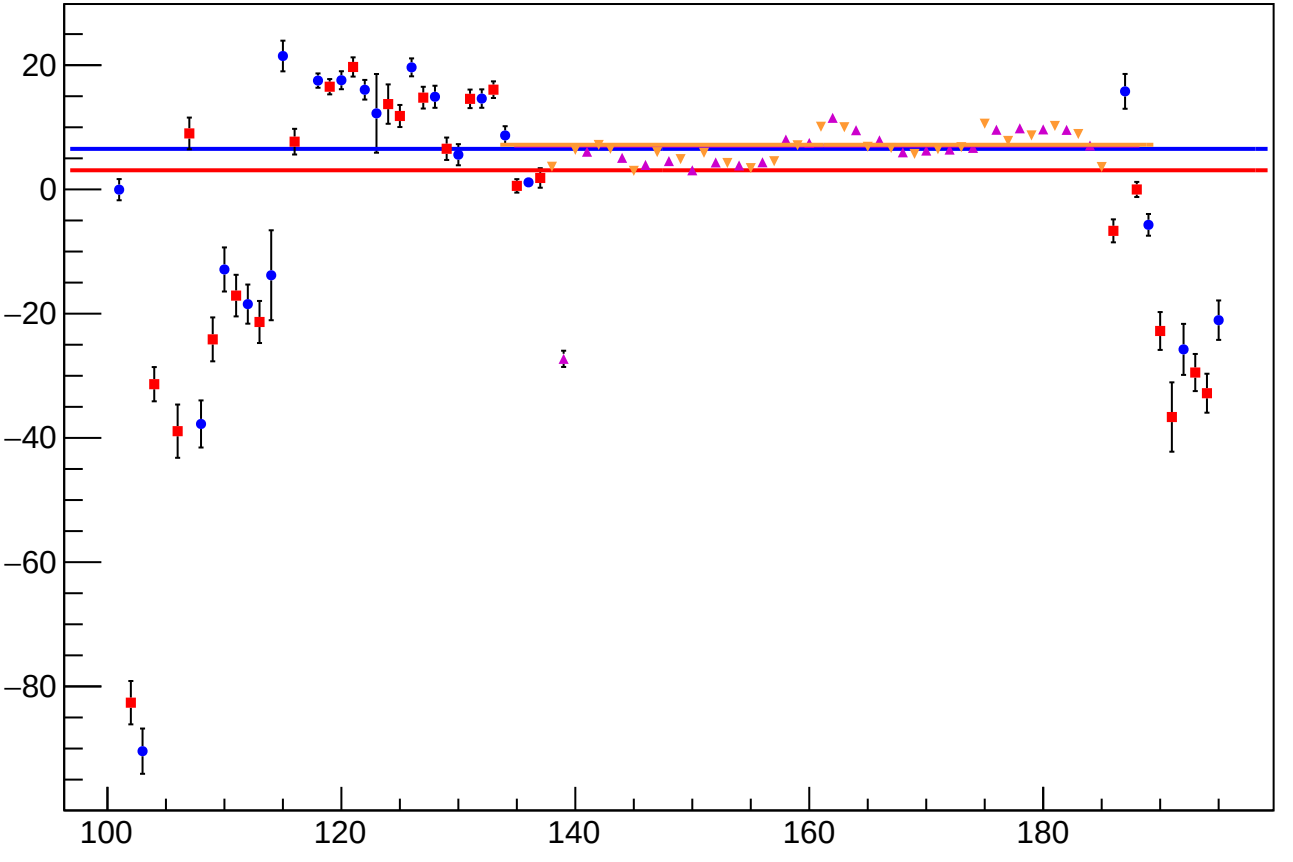
Right: 4.811+/-0.564 χ^2/NDF: 2706.7/9

In: -9.991+/-0.089 χ^2/NDF:2088.8/26

Out: -10.030+/-0.087 χ^2/NDF:5234.9/30

All: -10.011+/-0.062 χ^2/NDF: 7323.8/57

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.525+/-0.384 χ^2/NDF: 1564.6/20

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 3.080+/-0.389 χ^2/NDF: 1897.1/23

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

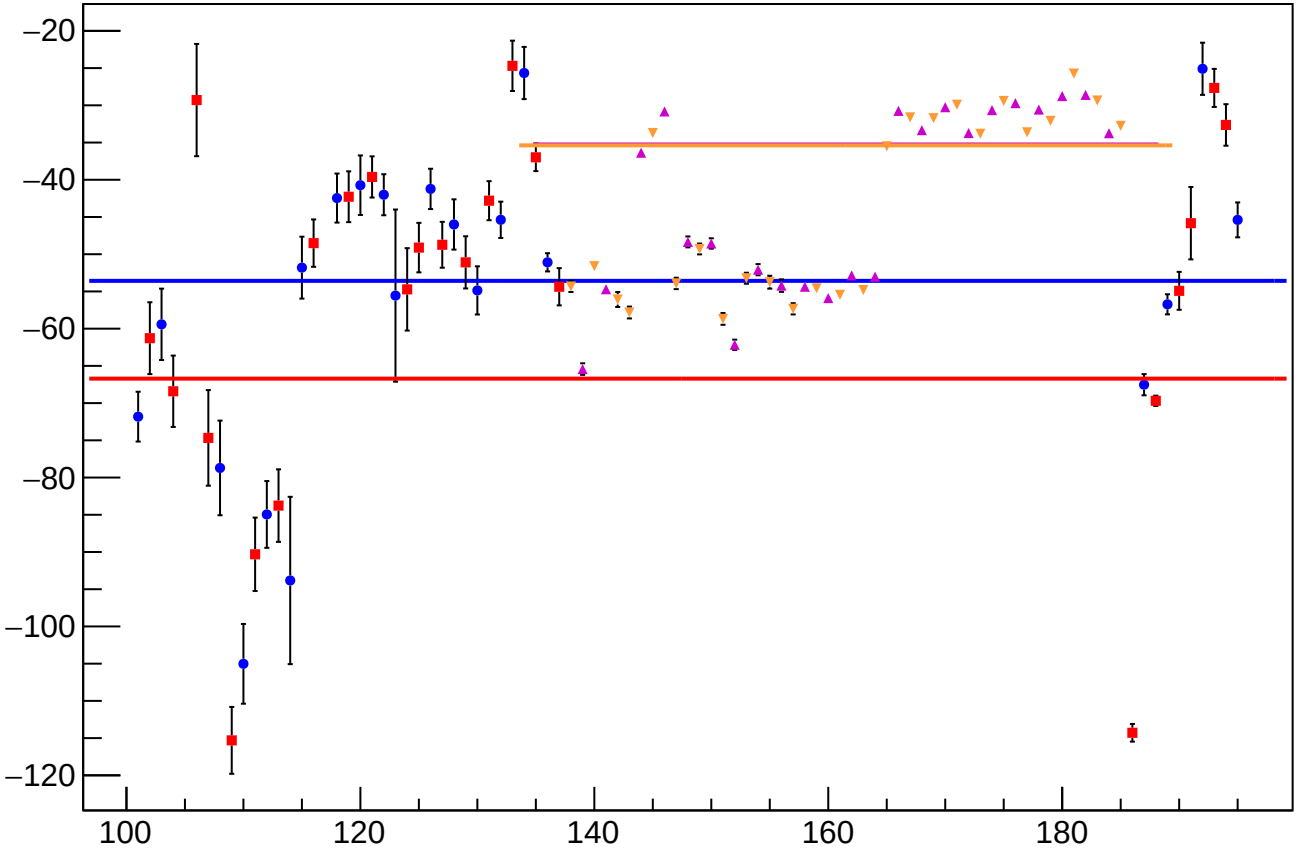
Right: 4.823+/-0.273 χ^2/NDF: 3501.4/44

In: 7.024+/-0.073 χ^2/NDF:3170.9/43

Out: 7.045+/-0.072 χ^2/NDF:2921.2/48

All: 7.035+/-0.051 χ^2/NDF: 6092.2/92

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.578+/-0.564 χ^2/NDF: 525.0/20

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -66.713+/-0.455 χ^2/NDF: 3008.7/23

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

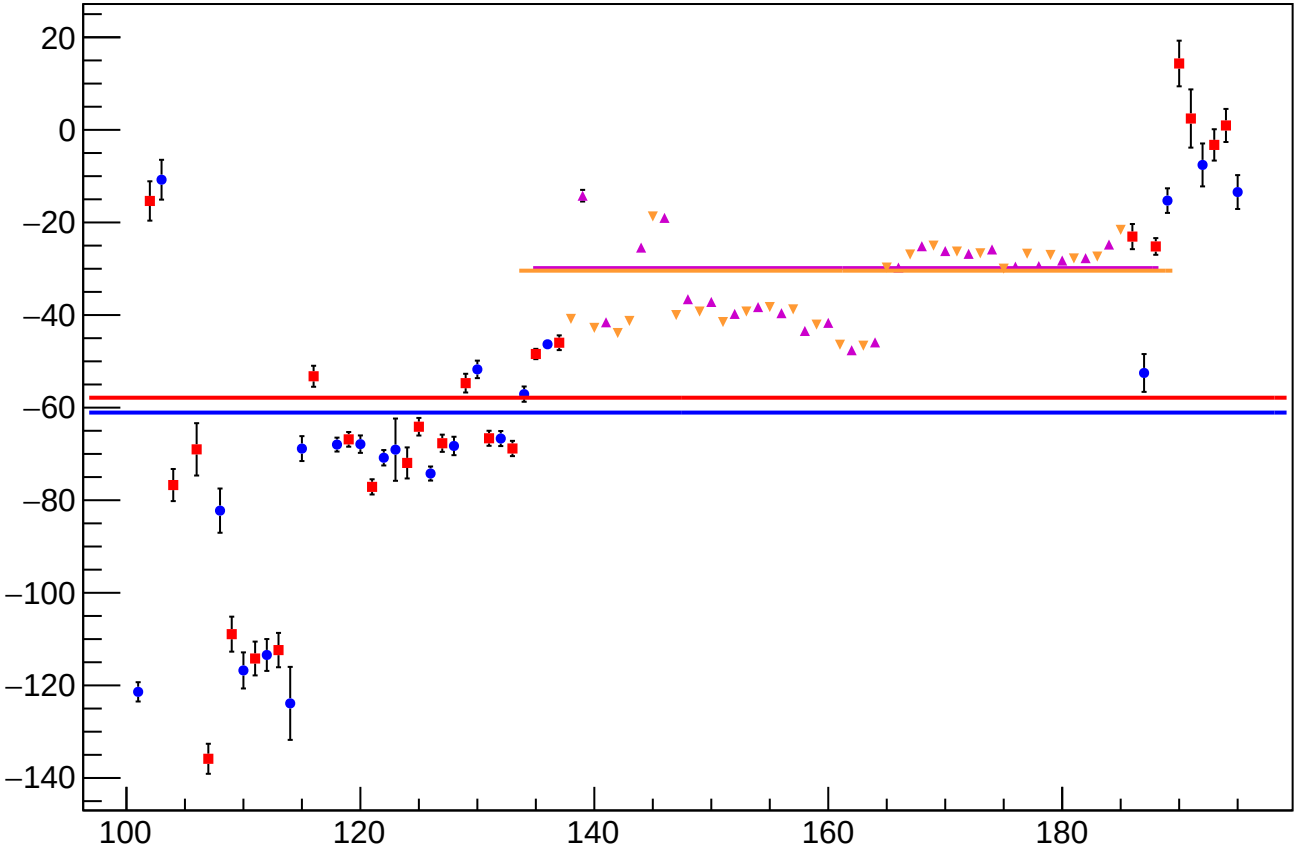
Right: -61.542+/-0.354 χ^2/NDF: 3862.5/44

In: -35.713+/-0.089 χ^2/NDF:13322.9/43

Out: -36.536+/-0.087 χ^2/NDF:20214.4/48

All: -36.130+/-0.062 χ^2/NDF: 33581.1/92

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.069+/-0.432 χ^2/NDF: 2652.4/20

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -57.856+/-0.449 χ^2/NDF: 3111.3/23

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

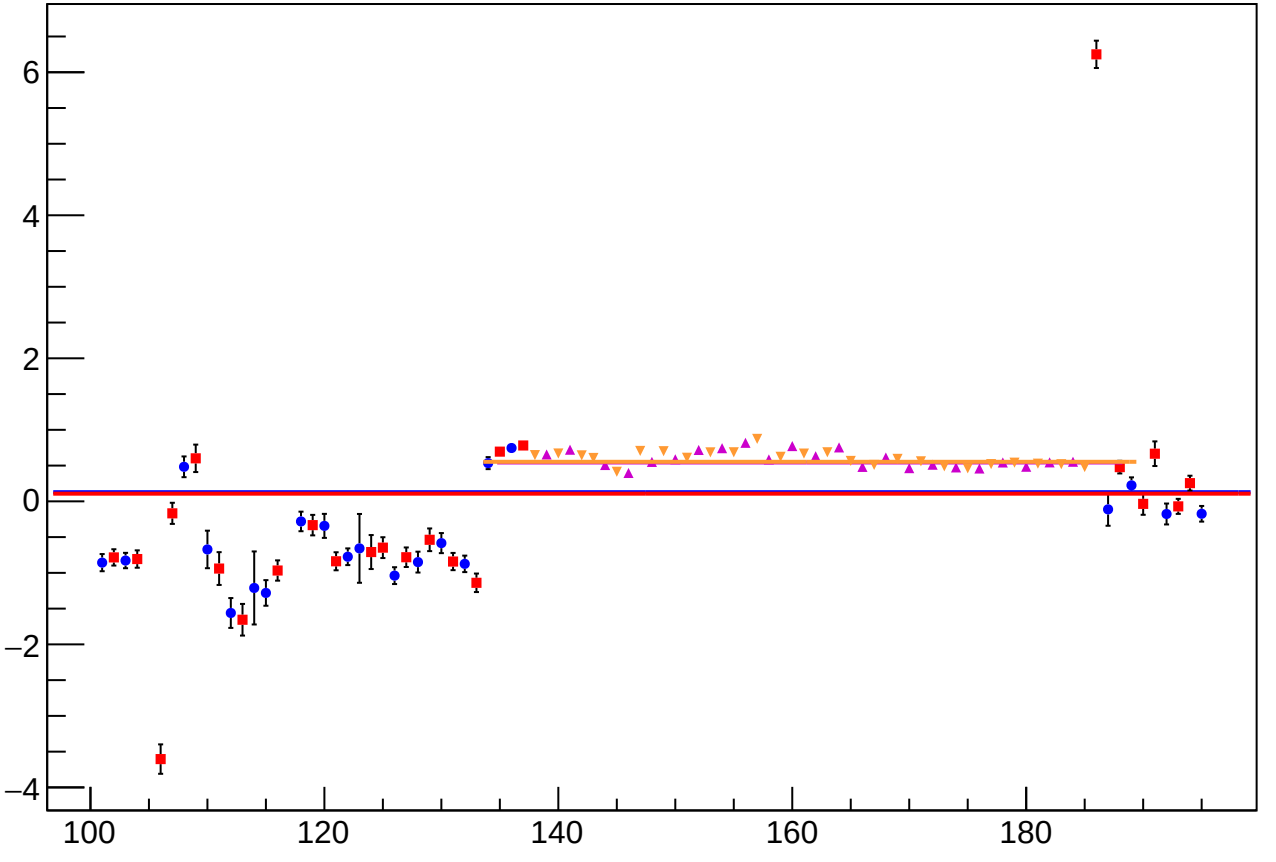
Right: -59.524+/-0.311 χ^2/NDF: 5790.2/44

In: -30.956+/-0.081 χ^2/NDF:14839.2/43

Out: -31.294+/-0.080 χ^2/NDF:14863.7/48

All: -31.126+/-0.057 χ^2/NDF: 29711.7/92

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.023 χ^2/NDF: 1004.5/20

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.107+/-0.023 χ^2/NDF: 2253.5/23

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

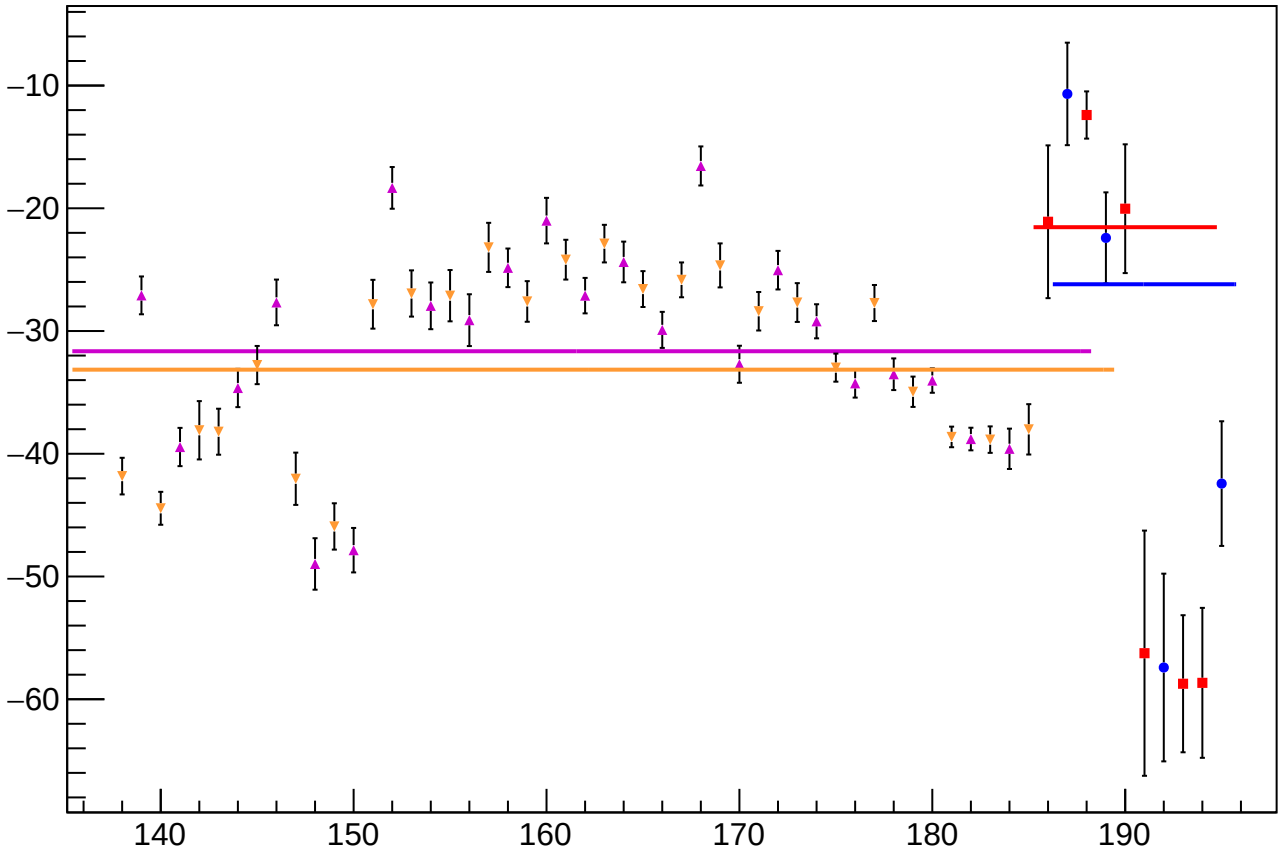
Right: 0.118+/-0.016 χ^2/NDF: 3258.4/44

In: 0.532+/-0.004 χ^2/NDF:1994.4/43

Out: 0.542+/-0.004 χ^2/NDF:3158.2/48

All: 0.537+/-0.003 χ^2/NDF: 5155.9/92

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.189+/-2.319 χ^2/NDF: 41.7/3

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -21.540+/-1.579 χ^2/NDF: 116.0/5

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

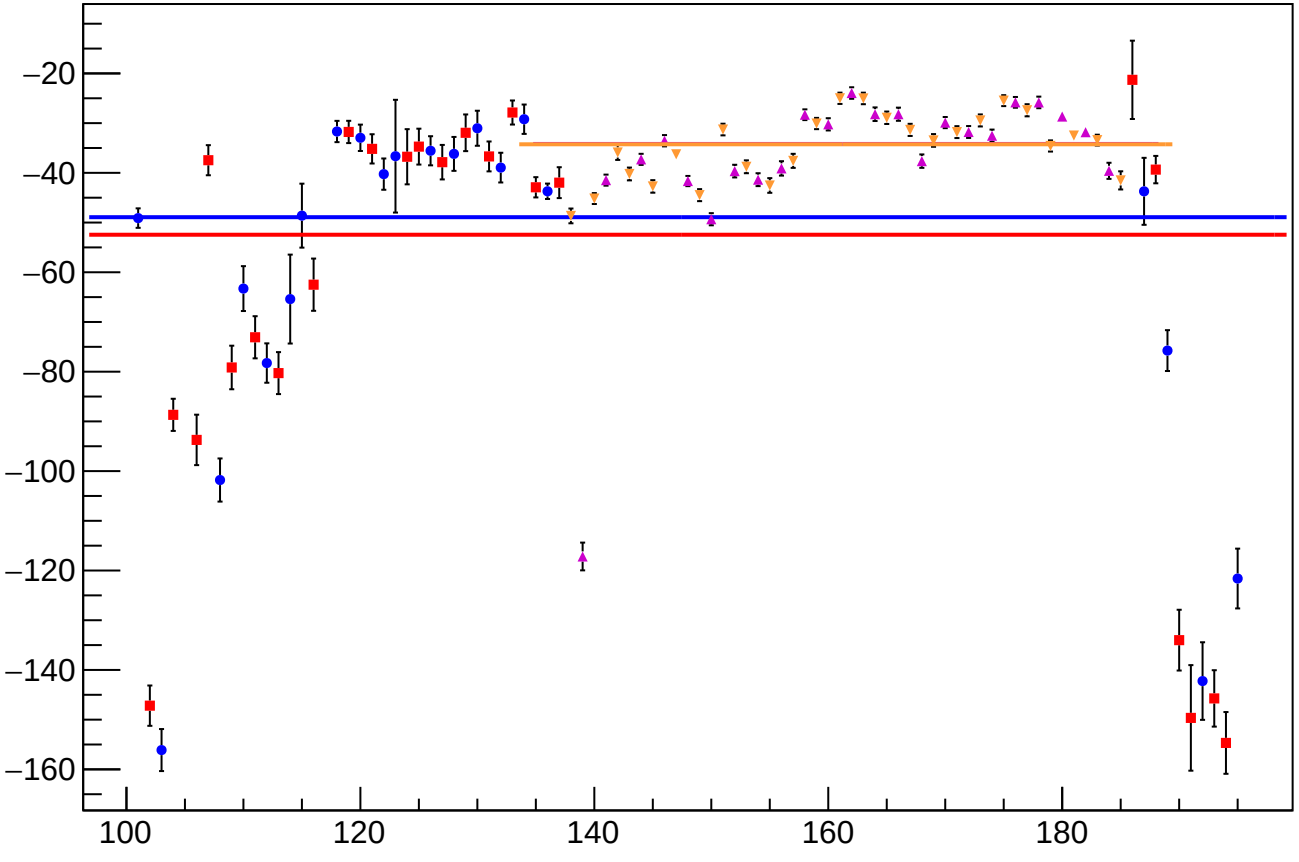
Right: -23.012+/-1.305 χ^2/NDF: 160.5/9

In: -31.553+/-0.305 χ^2/NDF:594.1/26

Out: -32.742+/-0.295 χ^2/NDF:668.2/30

All: -32.166+/-0.212 χ^2/NDF: 1270.1/57

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -48.920+/-0.700 χ^2/NDF: 1429.4/20

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -52.450+/-0.716 χ^2/NDF: 2075.3/23

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

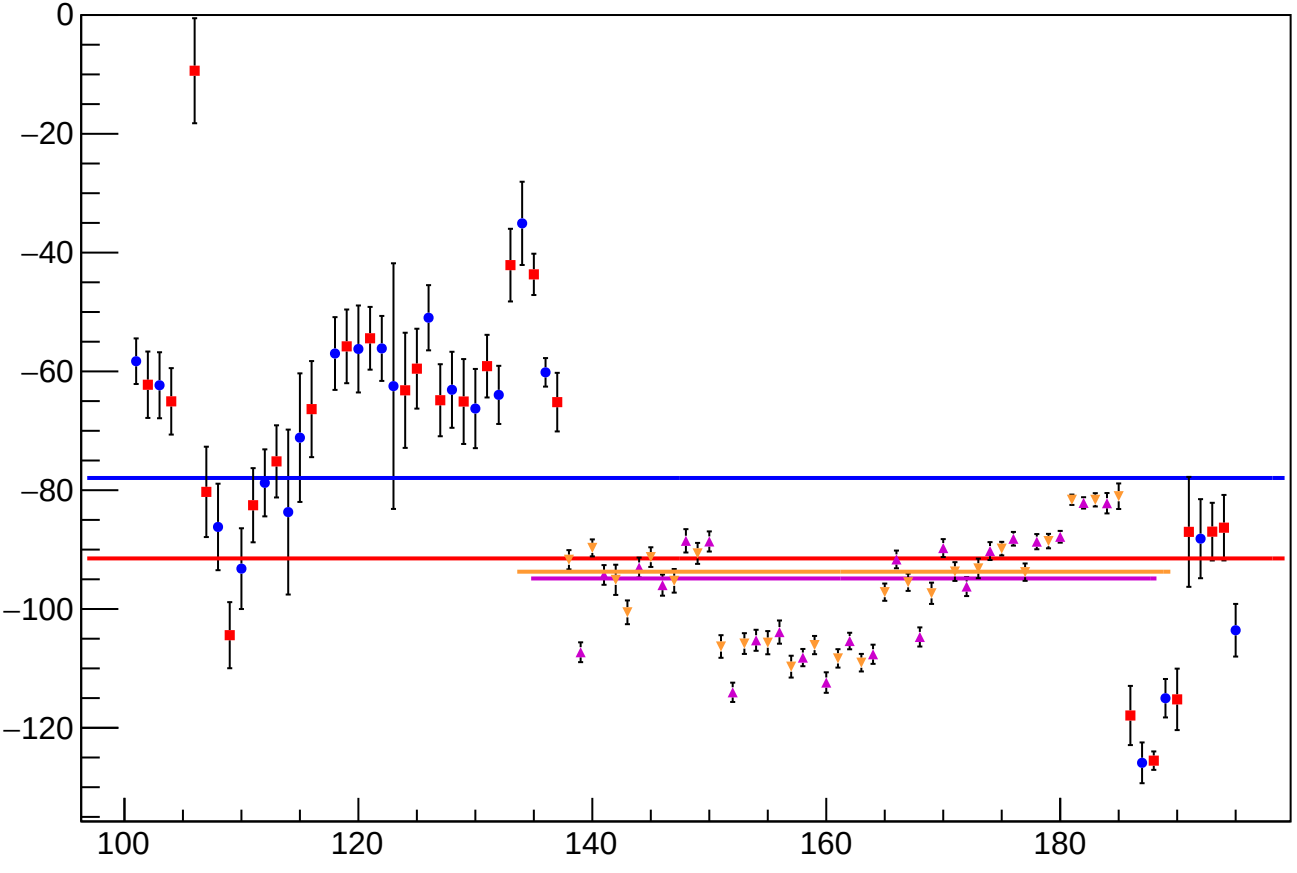
Right: -50.646+/-0.501 χ^2/NDF: 3517.1/44

In: -35.857+/-0.236 χ^2/NDF:3368.1/43

Out: -36.123+/-0.229 χ^2/NDF:3348.1/48

All: -35.994+/-0.164 χ^2/NDF: 6716.8/92

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.942+/-1.093 χ^2/NDF: 573.3/20

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.486+/-0.952 χ^2/NDF: 1162.4/23

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

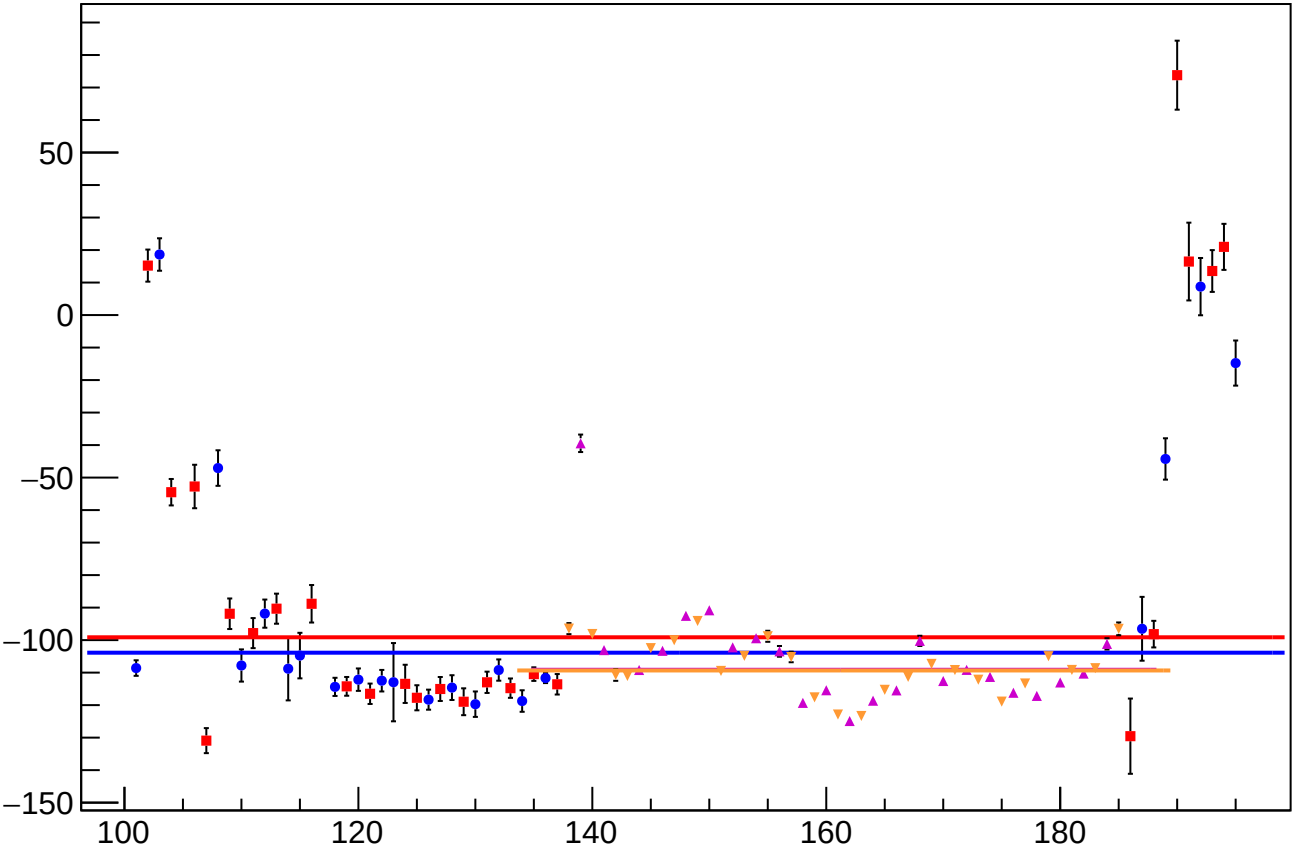
Right: -85.644+/-0.718 χ^2/NDF: 1822.9/44

In: -93.622+/-0.296 χ^2/NDF:1780.7/43

Out: -93.514+/-0.288 χ^2/NDF:2045.6/48

All: -93.567+/-0.206 χ^2/NDF: 3826.3/92

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -103.873+/-0.794 χ^2/NDF: 1260.5/20

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -99.132+/-0.824 χ^2/NDF: 1968.3/23

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

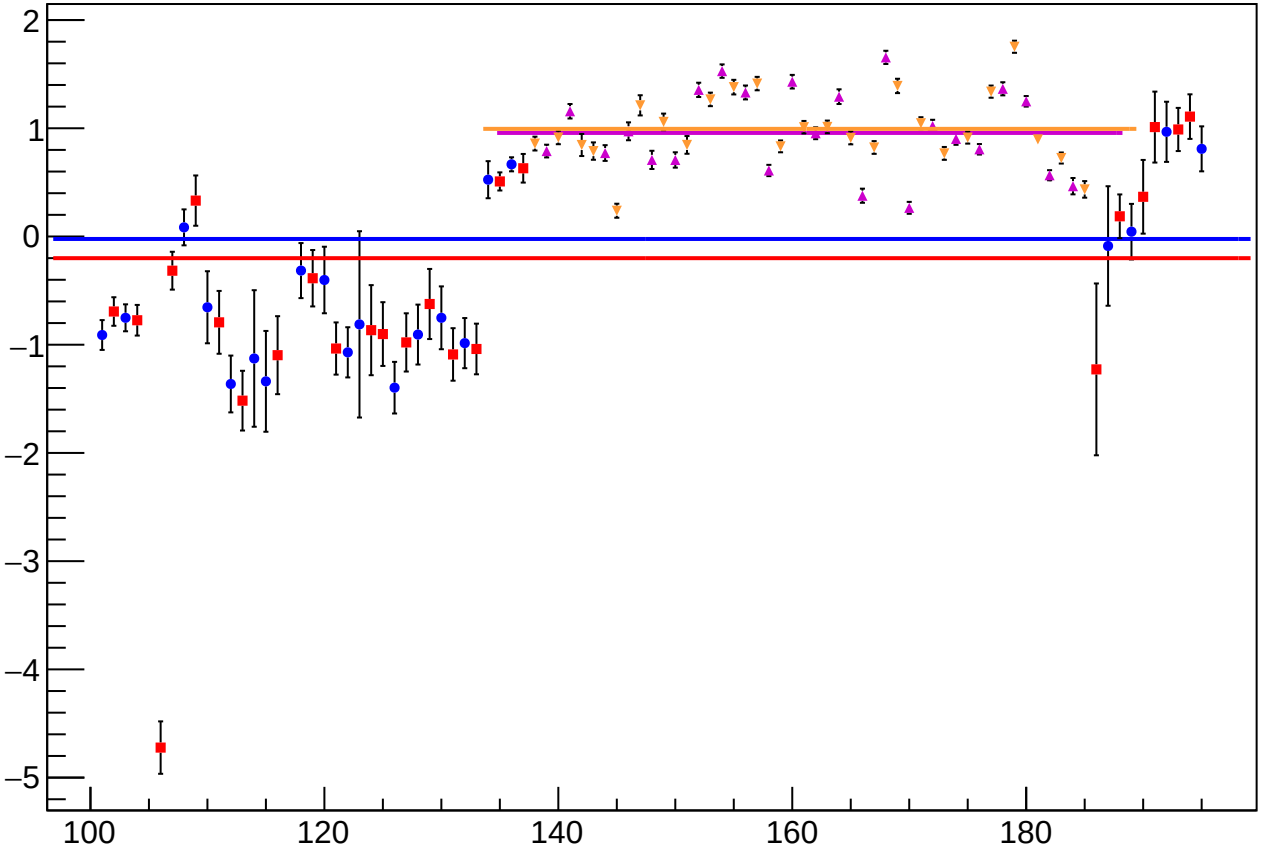
Right: -101.591+/-0.572 χ^2/NDF: 3246.0/44

In: -108.548+/-0.263 χ^2/NDF:2878.2/43

Out: -108.336+/-0.258 χ^2/NDF:2932.9/48

All: -108.440+/-0.184 χ^2/NDF: 5811.4/92

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.040 χ^2/NDF: 359.7/20

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.200+/-0.041 χ^2/NDF: 683.8/23

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

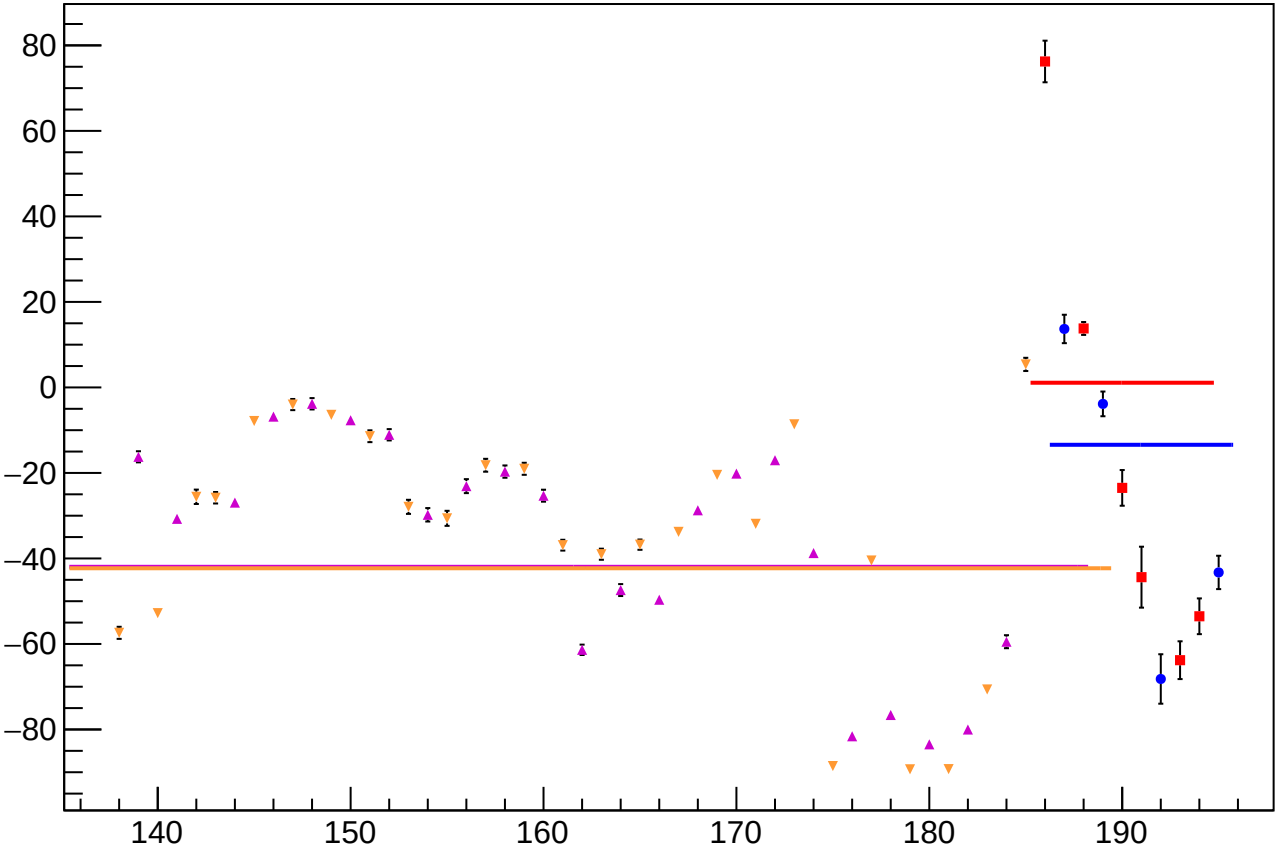
Right: -0.111+/-0.029 χ^2/NDF: 1053.2/44

In: 0.869+/-0.012 χ^2/NDF:1795.5/43

Out: 0.892+/-0.012 χ^2/NDF:2113.5/48

All: 0.881+/-0.008 χ^2/NDF: 3910.8/92

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.417+/-1.808 χ^2/NDF: 225.7/3

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: 1.098+/-1.224 χ^2/NDF: 771.0/5

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

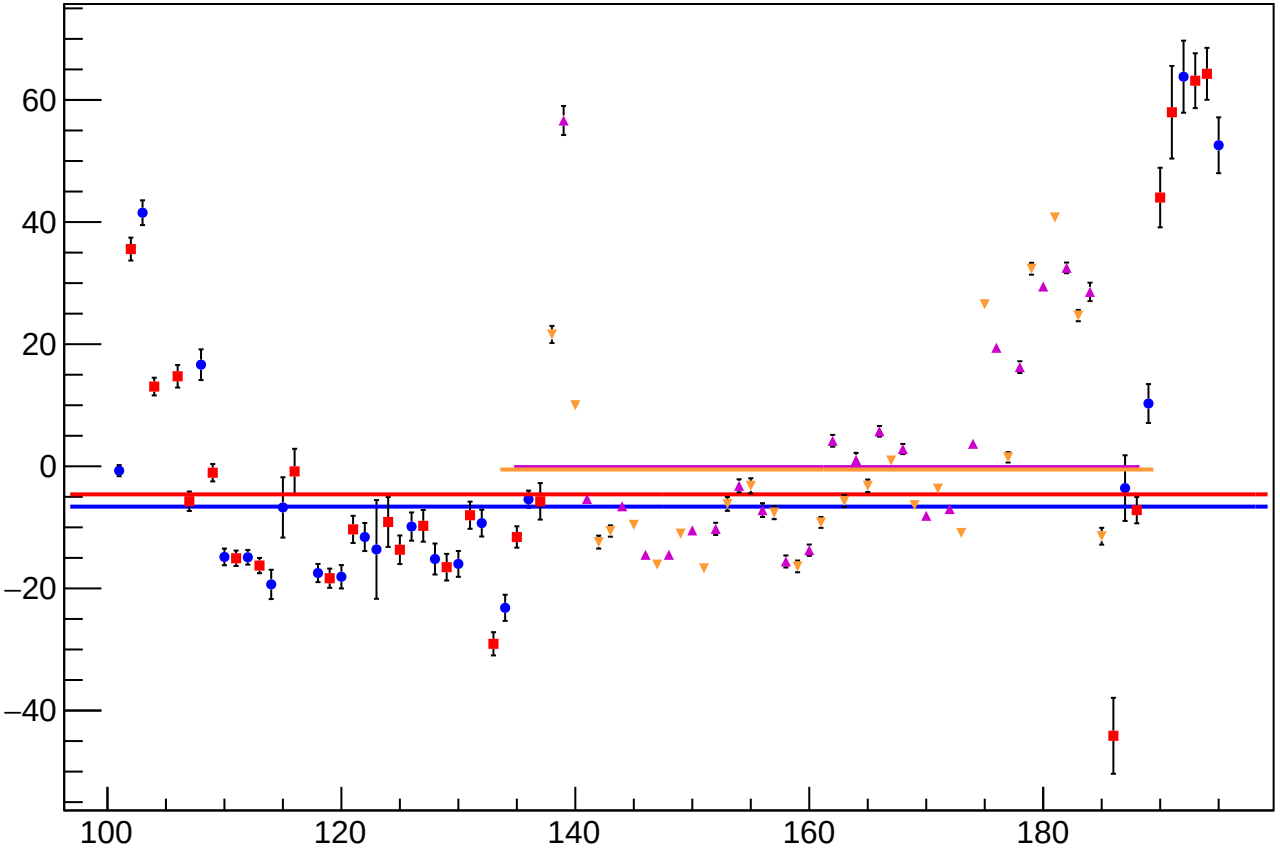
Right: -3.463+/-1.013 χ^2/NDF: 1040.9/9

In: -41.516+/-0.224 χ^2/NDF:15194.4/26

Out: -40.908+/-0.219 χ^2/NDF:20255.5/30

All: -41.205+/-0.157 χ^2/NDF: 35453.7/57

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.603+/-0.419 χ^2/NDF: 1329.1/20

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -4.594+/-0.415 χ^2/NDF: 1895.2/23

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

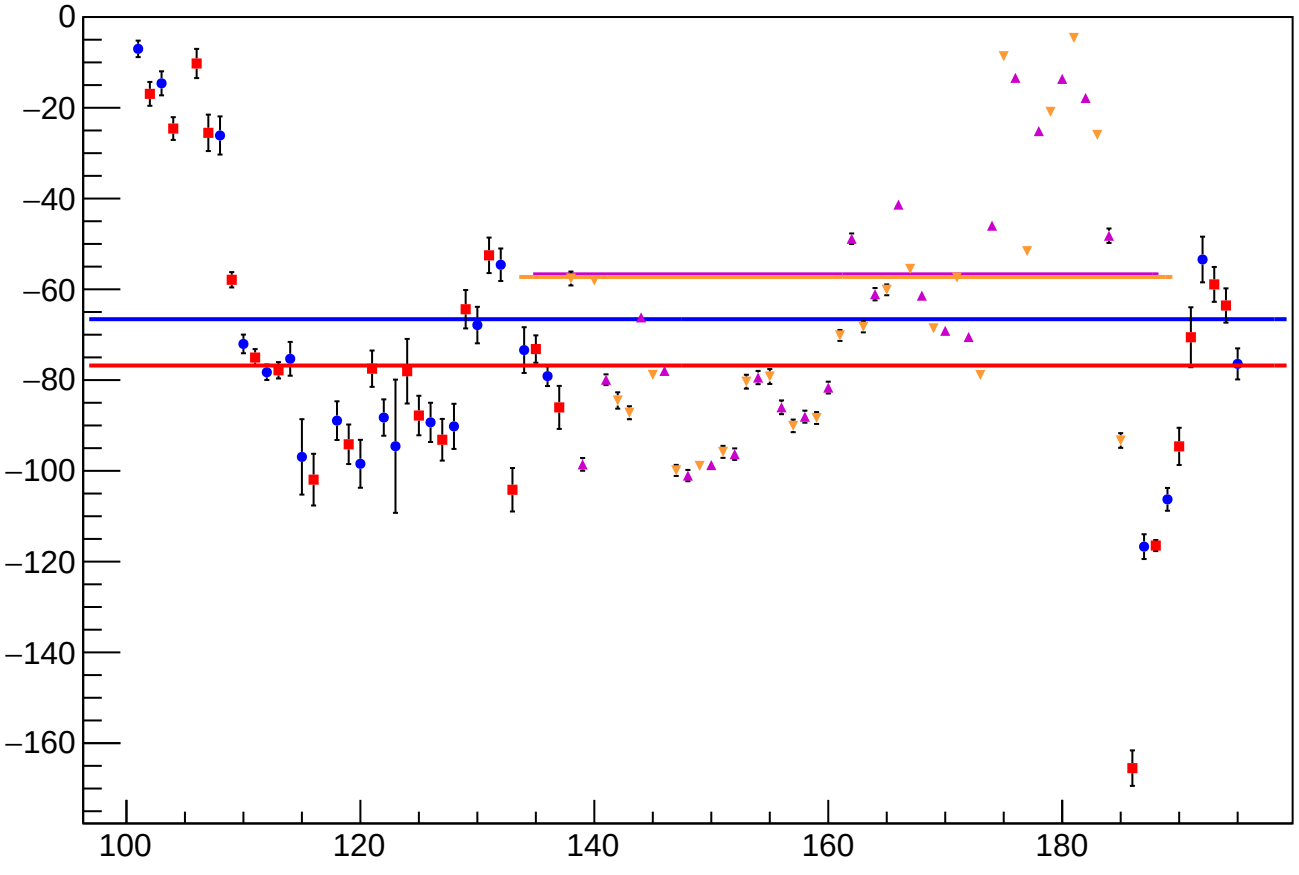
Right: -5.587+/-0.295 χ^2/NDF: 3235.9/44

In: -1.119+/-0.164 χ^2/NDF:8456.1/43

Out: -1.140+/-0.161 χ^2/NDF:10684.7/48

All: -1.130+/-0.115 χ^2/NDF: 19140.9/92

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.581+/-0.670 χ^2/NDF: 2419.5/20

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -76.788+/-0.582 χ^2/NDF: 3437.8/23

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

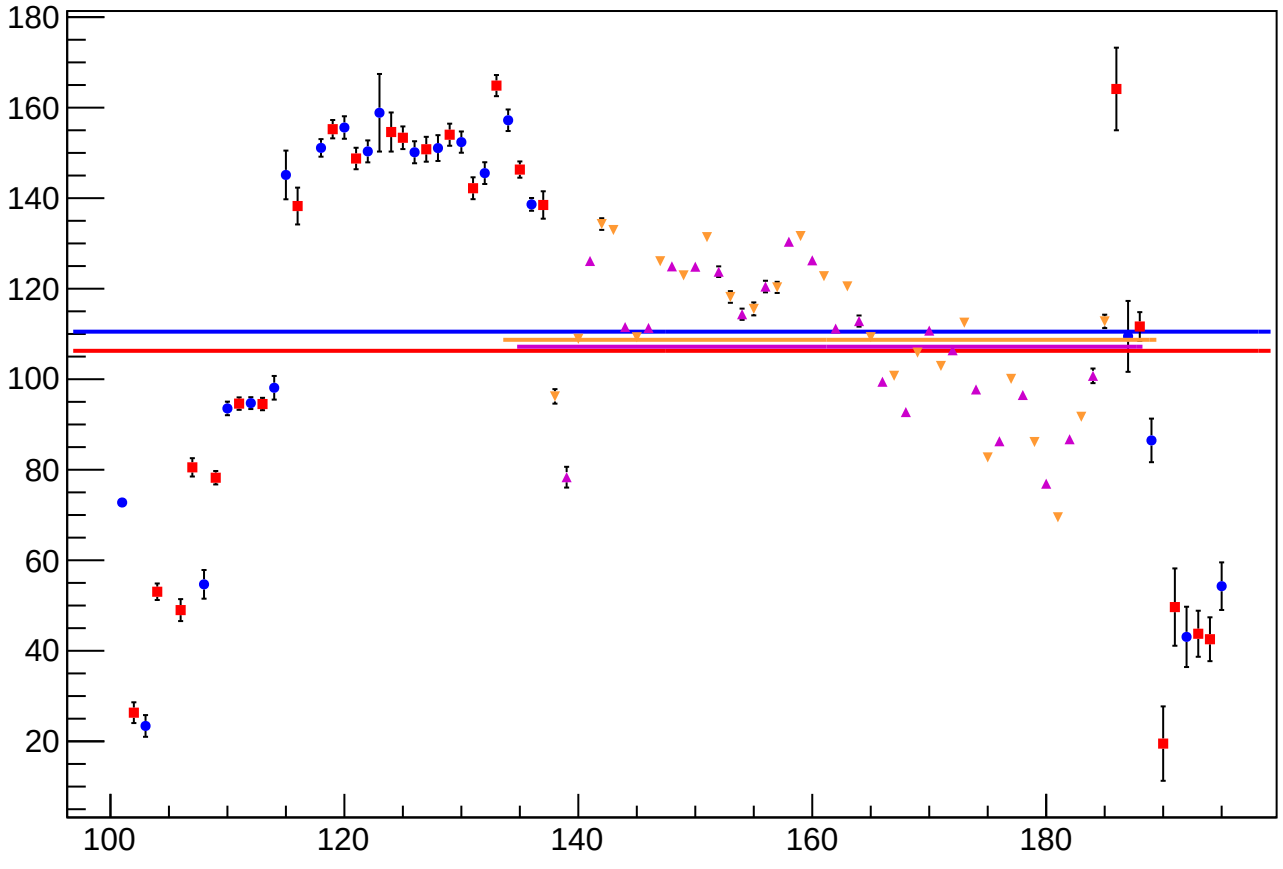
Right: -72.405+/-0.439 χ^2/NDF: 5989.5/44

In: -57.713+/-0.214 χ^2/NDF:19161.9/43

Out: -59.788+/-0.209 χ^2/NDF:22929.5/48

All: -58.777+/-0.149 χ^2/NDF: 42139.5/92

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 110.508+/-0.480 χ^2/NDF: 6206.3/20

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 106.275+/-0.476 χ^2/NDF: 7359.8/23

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

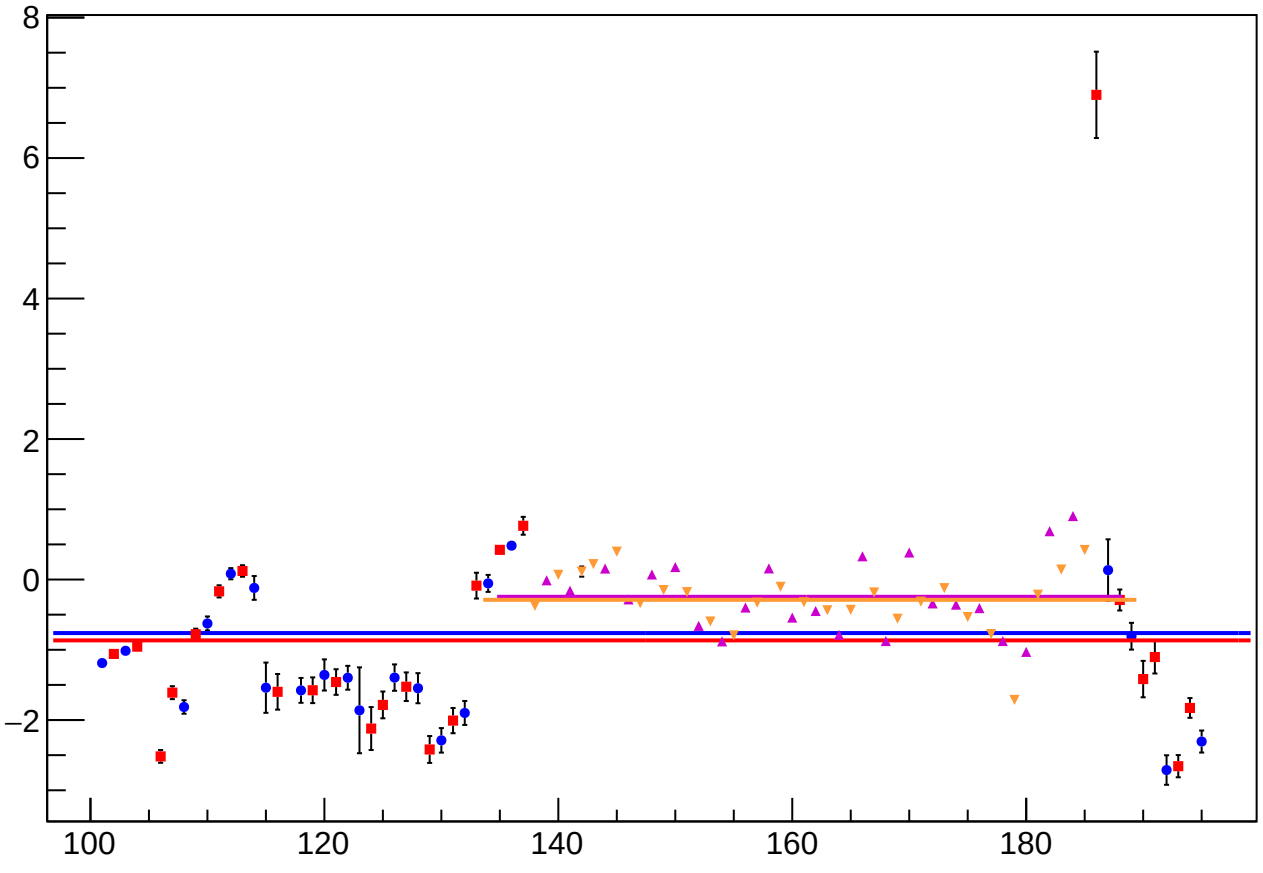
Right: 108.376+/-0.338 χ^2/NDF: 13605.2/44

In: 107.680+/-0.186 χ^2/NDF:11839.5/43

Out: 108.351+/-0.183 χ^2/NDF:14679.0/48

All: 108.021+/-0.130 χ^2/NDF: 26525.1/92

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.762+/-0.025 χ^2/NDF: 1187.7/20

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.866+/-0.023 χ^2/NDF: 1669.7/23

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

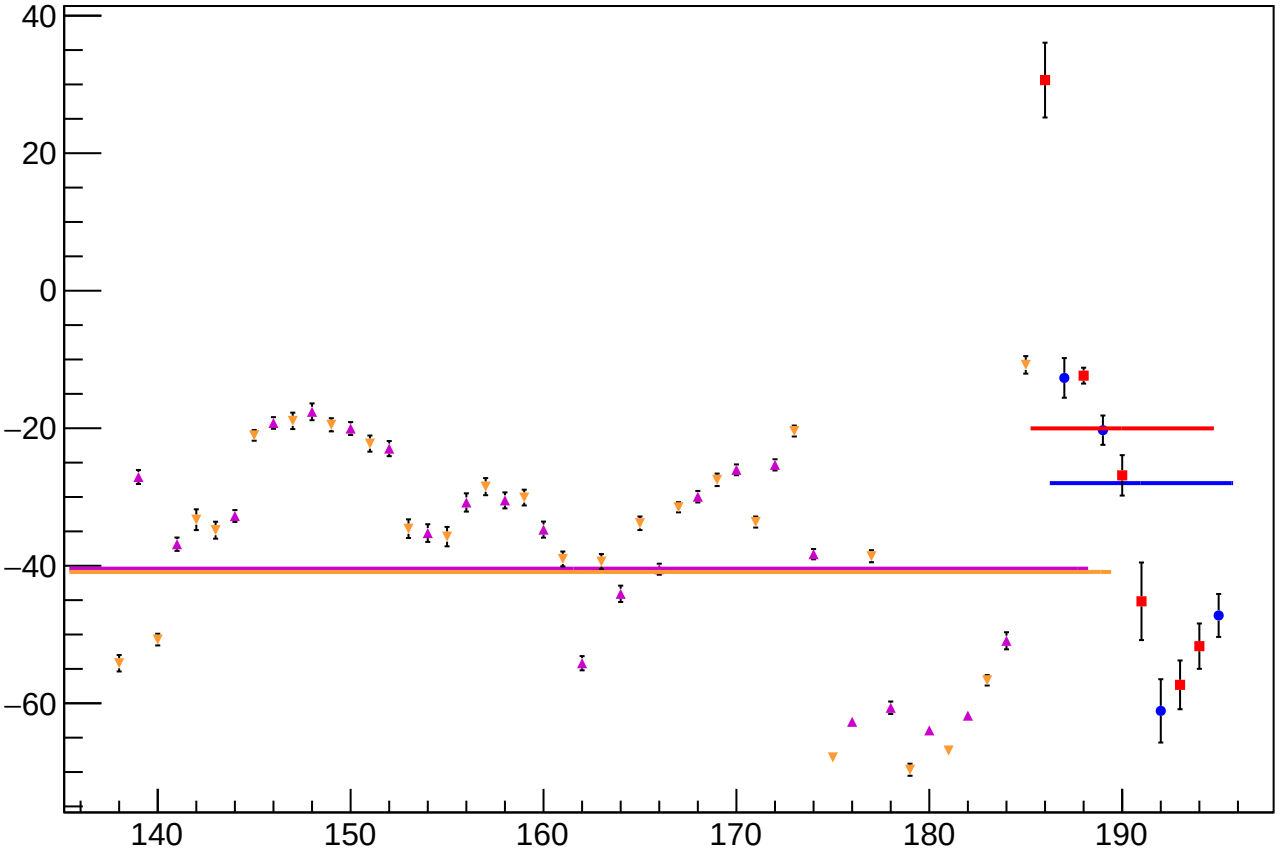
Right: -0.818+/-0.017 χ^2/NDF: 2866.8/44

In: -0.307+/-0.009 χ^2/NDF:4368.0/43

Out: -0.365+/-0.008 χ^2/NDF:4242.1/48

All: -0.337+/-0.006 χ^2/NDF: 8632.8/92

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.981+/-1.429 χ^2/NDF: 130.8/3

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -20.022+/-0.953 χ^2/NDF: 359.0/5

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

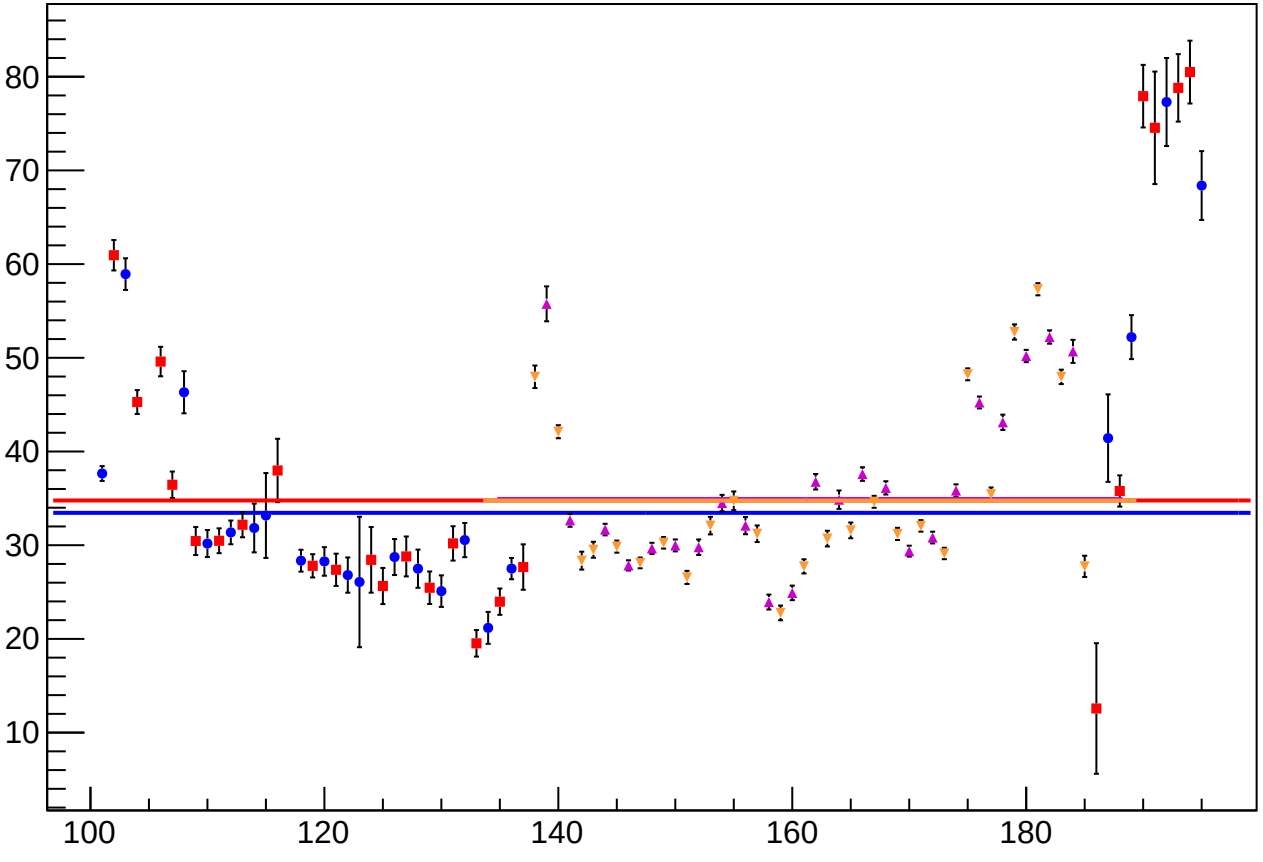
Right: -22.470+/-0.793 χ^2/NDF: 511.3/9

In: -40.208+/-0.187 χ^2/NDF:7235.5/26

Out: -40.127+/-0.183 χ^2/NDF:9936.2/30

All: -40.166+/-0.131 χ^2/NDF: 17171.8/57

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.454+/-0.364 χ^2/NDF: 706.1/20

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 34.773+/-0.363 χ^2/NDF: 1300.5/23

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

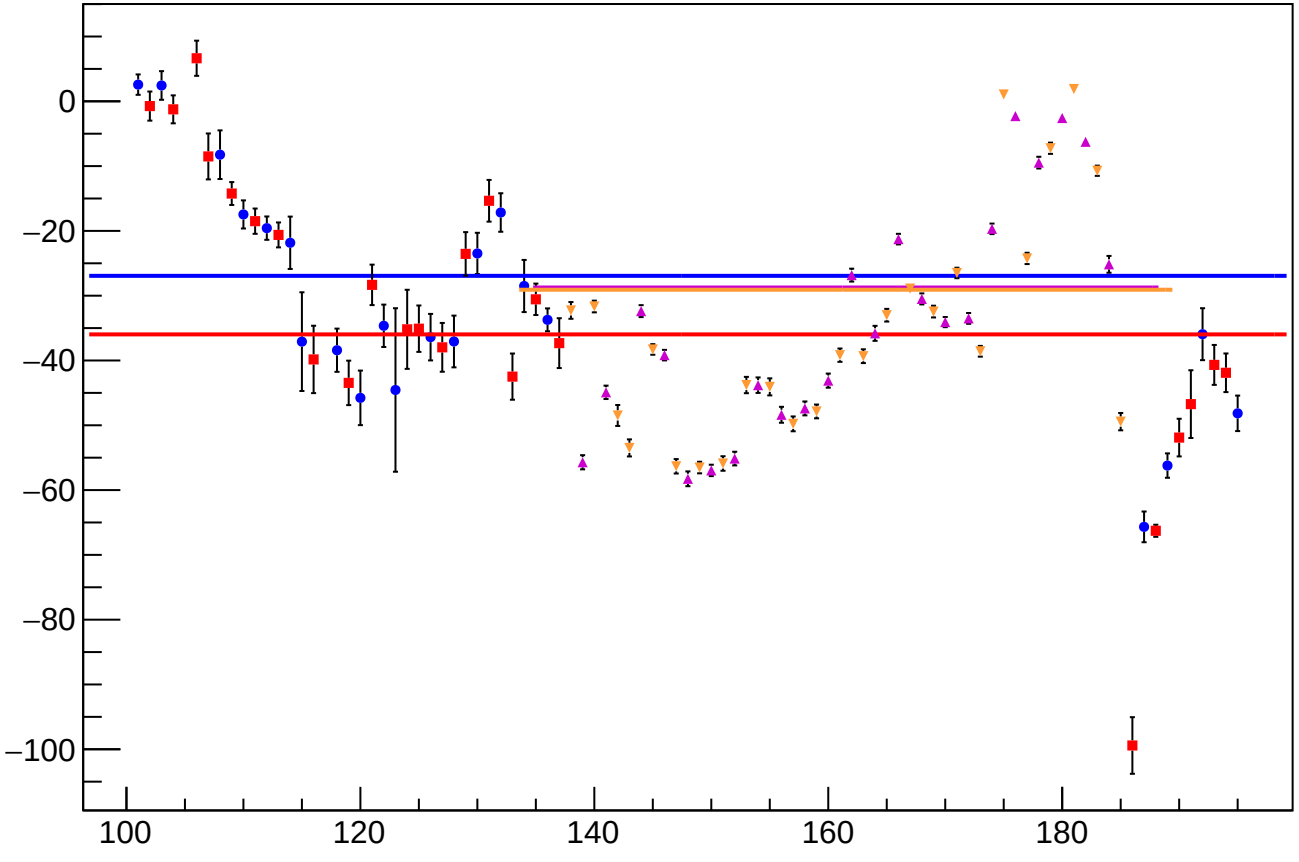
Right: 34.115+/-0.257 χ^2/NDF: 2013.2/44

In: 34.711+/-0.140 χ^2/NDF:3408.5/43

Out: 34.768+/-0.137 χ^2/NDF:4977.8/48

All: 34.740+/-0.098 χ^2/NDF: 8386.4/92

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.936+/-0.586 χ^2/NDF: 1246.4/20

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -35.972+/-0.503 χ^2/NDF: 2486.4/23

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

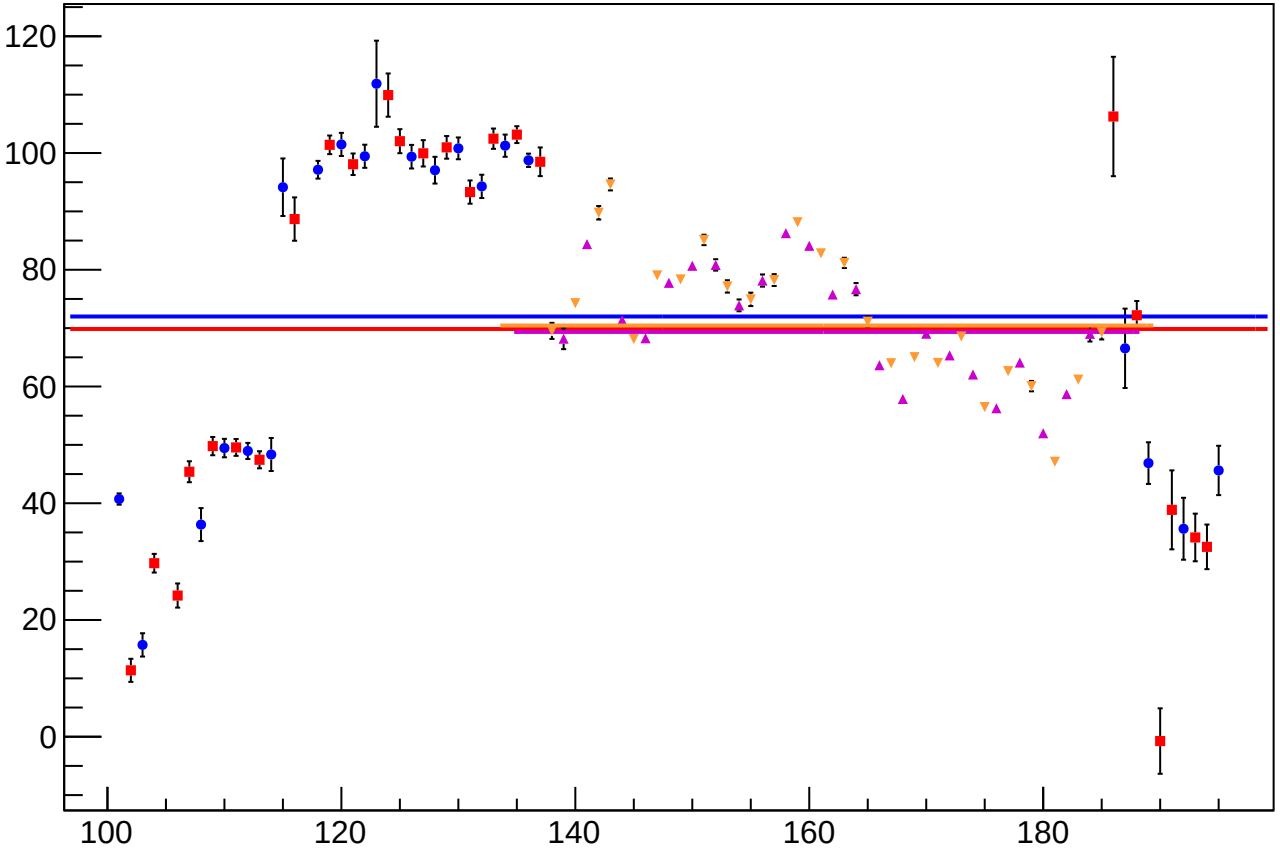
Right: -32.138+/-0.382 χ^2/NDF: 3869.8/44

In: -28.566+/-0.180 χ^2/NDF:10410.5/43

Out: -29.920+/-0.175 χ^2/NDF:12710.8/48

All: -29.259+/-0.126 χ^2/NDF: 23150.3/92

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.994+/-0.419 χ^2/NDF: 4878.3/20

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 69.857+/-0.420 χ^2/NDF: 5743.2/23

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

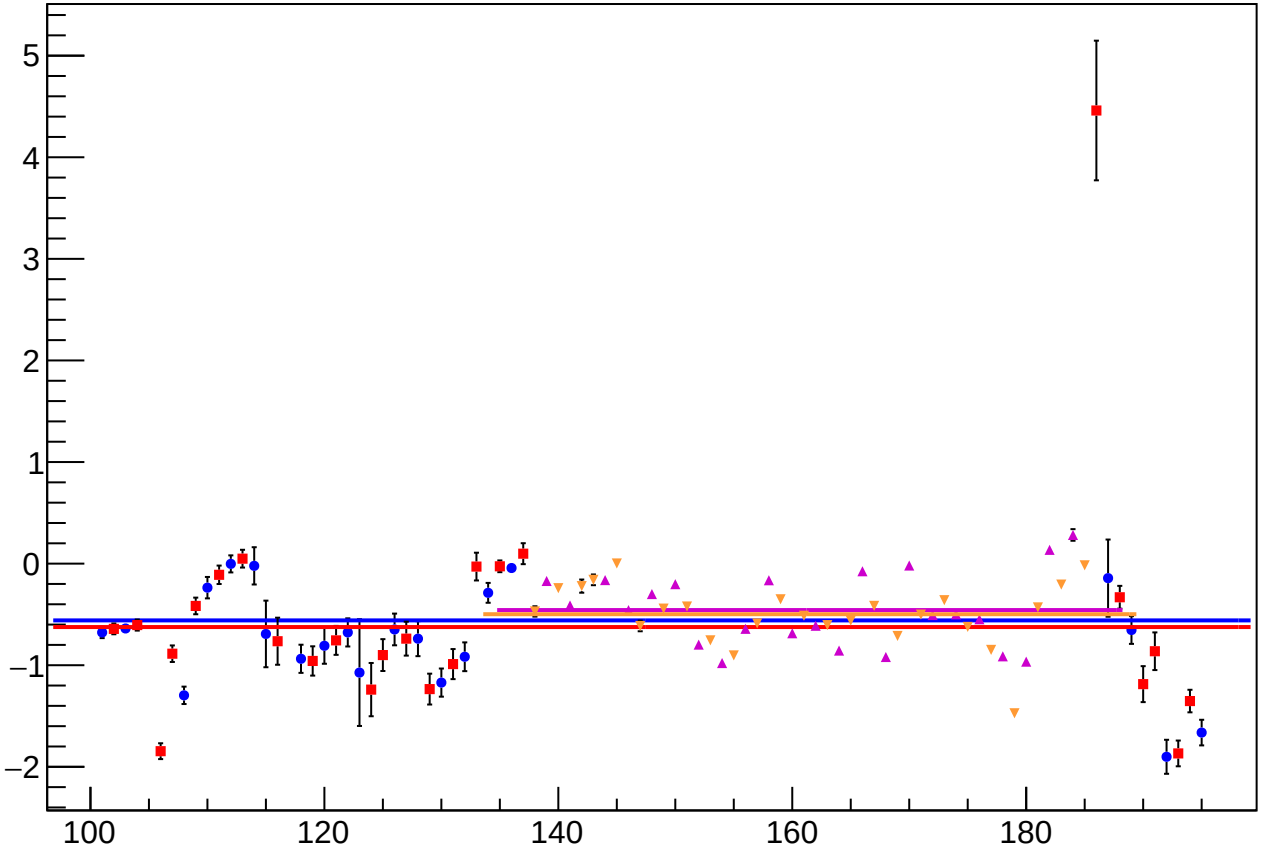
Right: 70.930+/-0.297 χ^2/NDF: 10634.5/44

In: 69.723+/-0.157 χ^2/NDF:8243.3/43

Out: 70.369+/-0.155 χ^2/NDF:10229.5/48

All: 70.051+/-0.110 χ^2/NDF: 18481.5/92

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.559+/-0.021 χ^2/NDF: 453.4/20

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.624+/-0.020 χ^2/NDF: 780.2/23

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

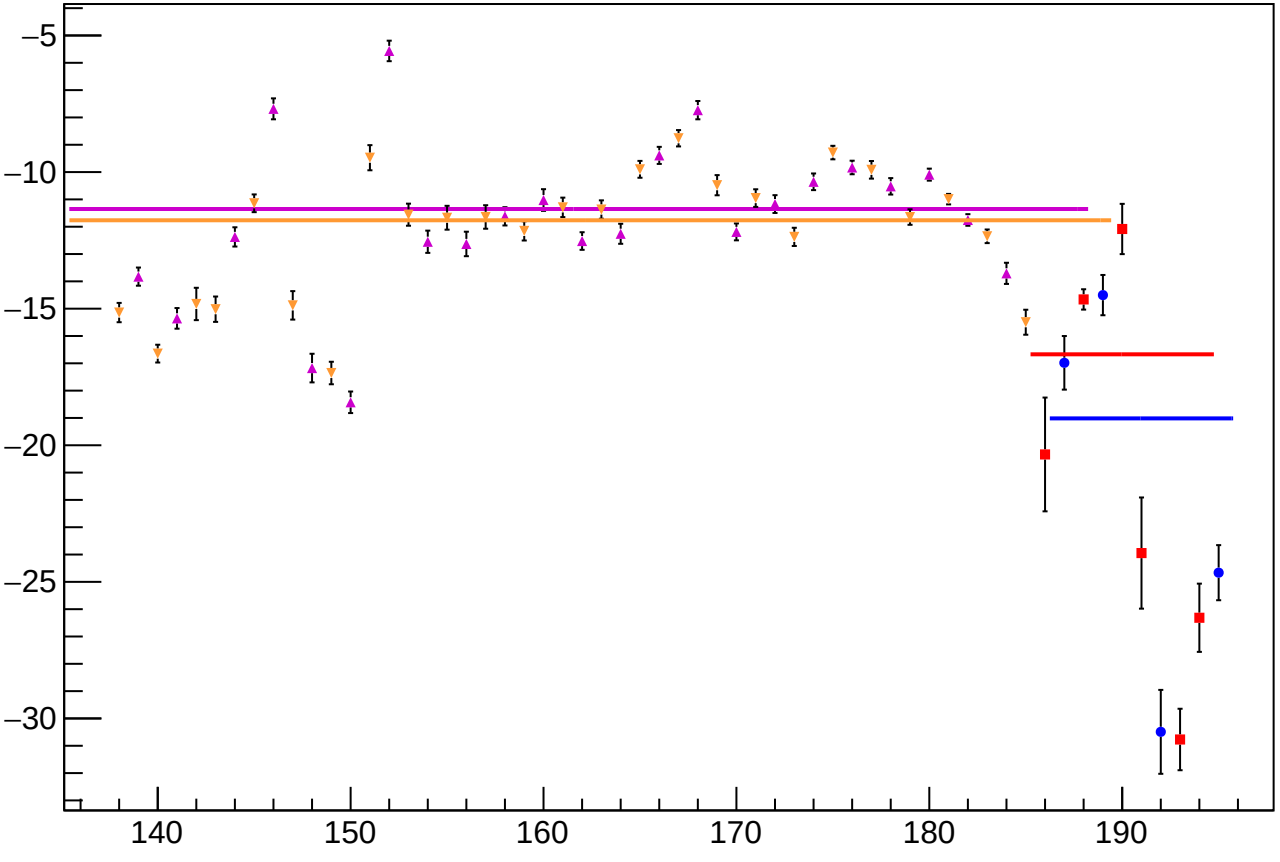
Right: -0.593+/-0.015 χ^2/NDF: 1238.5/44

In: -0.469+/-0.007 χ^2/NDF:2448.5/43

Out: -0.514+/-0.007 χ^2/NDF:2255.1/48

All: -0.491+/-0.005 χ^2/NDF: 4723.1/92

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.016+/-0.483 χ^2/NDF: 129.0/3

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -16.671+/-0.312 χ^2/NDF: 286.5/5

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

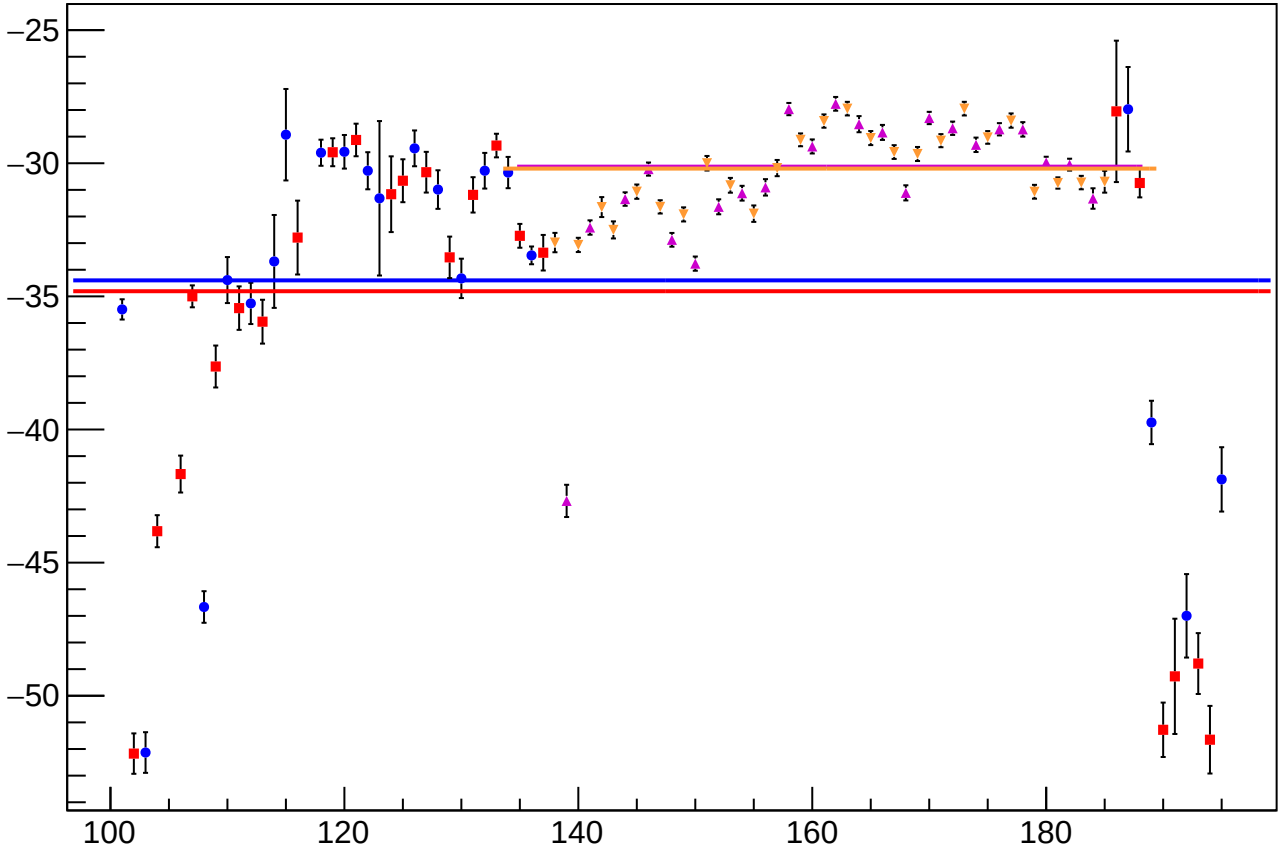
Right: -17.360+/-0.262 χ^2/NDF: 432.2/9

In: -11.499+/-0.067 χ^2/NDF:1656.6/26

Out: -11.980+/-0.065 χ^2/NDF:1549.5/30

All: -11.746+/-0.047 χ^2/NDF: 3232.5/57

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.399+/-0.146 χ^2/NDF: 1508.6/20

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.806+/-0.141 χ^2/NDF: 2020.4/23

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

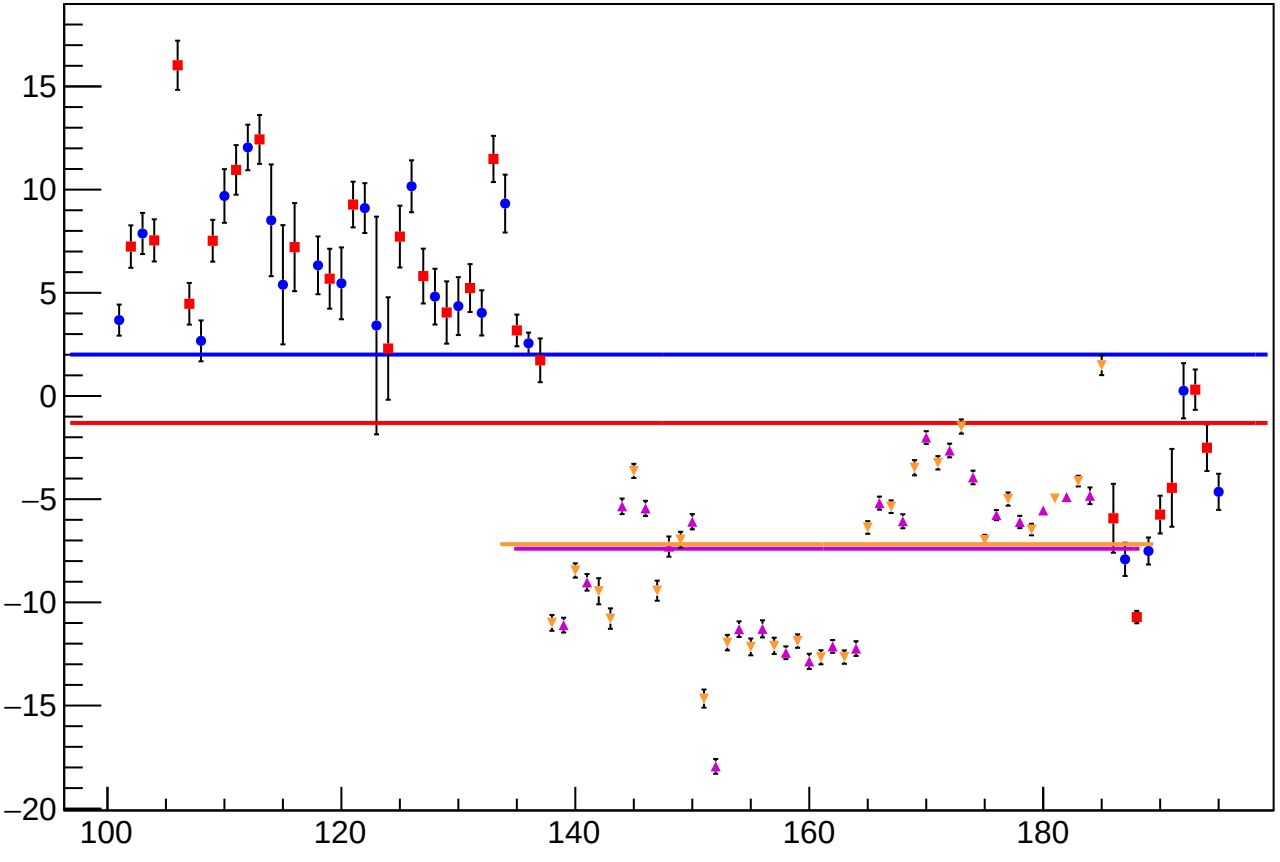
Right: -34.609+/-0.102 χ^2/NDF: 3533.0/44

In: -30.666+/-0.052 χ^2/NDF:3548.9/43

Out: -30.786+/-0.050 χ^2/NDF:3671.6/48

All: -30.728+/-0.036 χ^2/NDF: 7223.3/92

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.008+/-0.226 χ^2/NDF: 716.2/20

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.305+/-0.189 χ^2/NDF: 2137.0/23

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

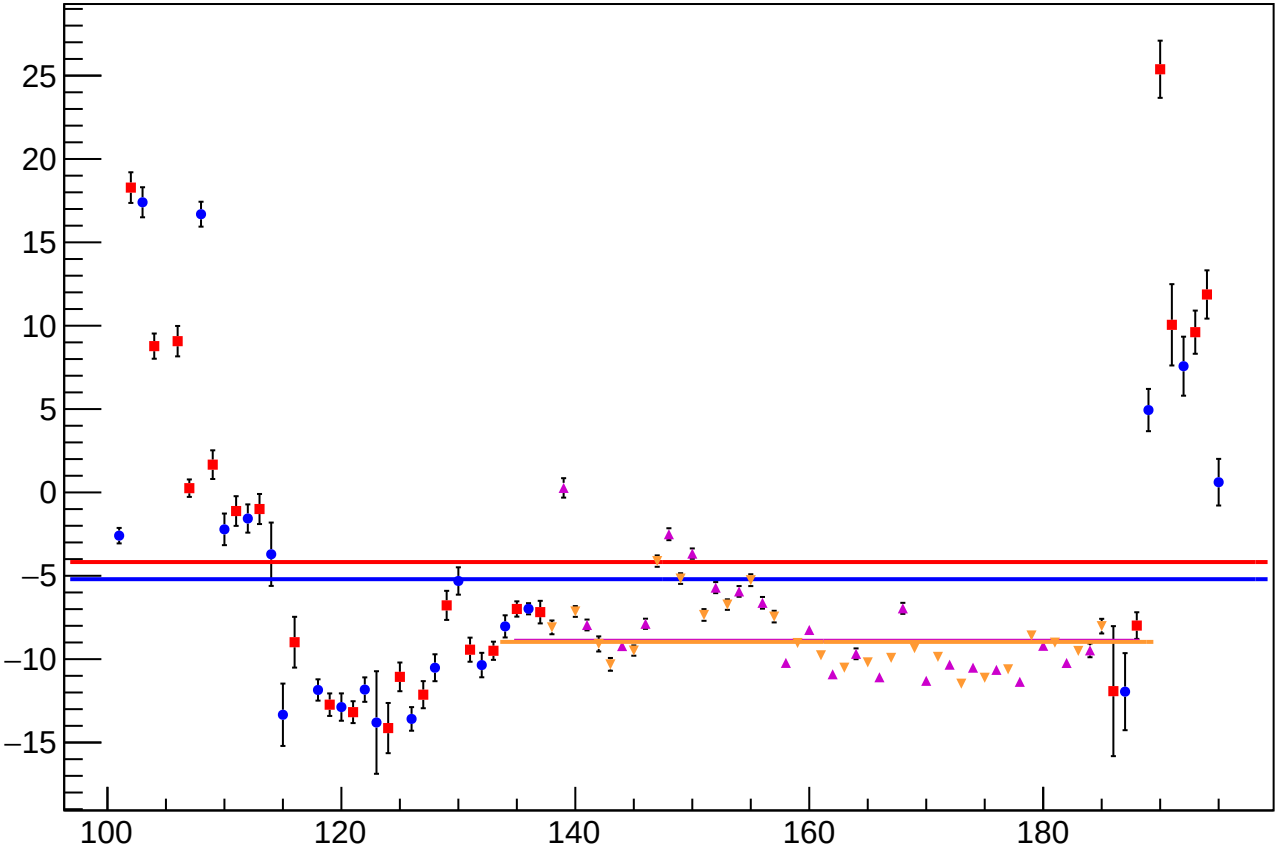
Right: 0.055+/-0.145 χ^2/NDF: 2979.4/44

In: -6.631+/-0.065 χ^2/NDF:5436.0/43

Out: -6.525+/-0.063 χ^2/NDF:6010.7/48

All: -6.577+/-0.045 χ^2/NDF: 11448.1/92

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.204+/-0.166 χ^2/NDF: 2271.5/20

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.176+/-0.165 χ^2/NDF: 2613.8/23

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

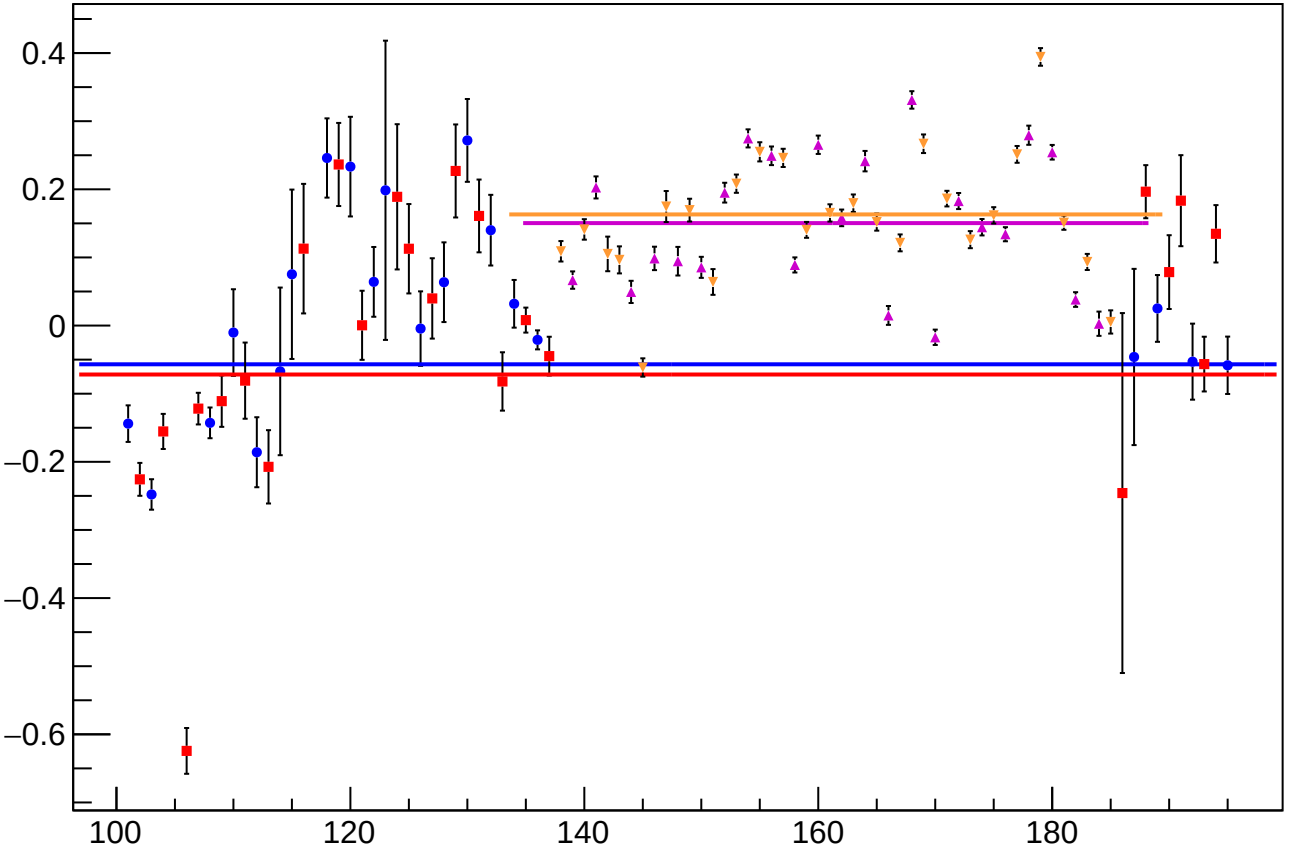
Right: -4.688+/-0.117 χ^2/NDF: 4904.6/44

In: -8.452+/-0.058 χ^2/NDF:4290.9/43

Out: -8.403+/-0.057 χ^2/NDF:4231.7/48

All: -8.427+/-0.040 χ^2/NDF: 8522.9/92

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.057+/-0.008 χ^2/NDF: 220.5/20

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.072+/-0.008 χ^2/NDF: 534.7/23

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

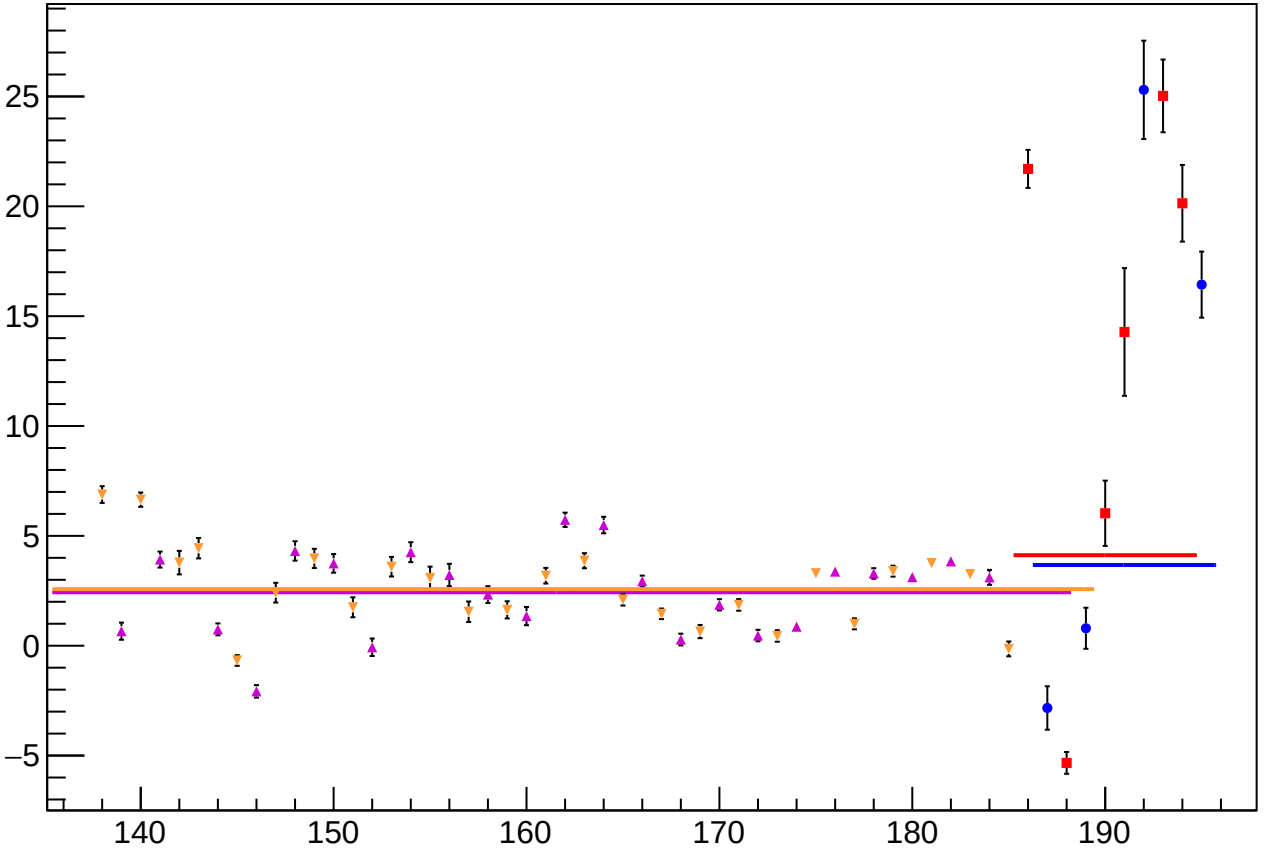
Right: -0.065+/-0.006 χ^2/NDF: 756.9/44

In: 0.129+/-0.003 χ^2/NDF:2115.2/43

Out: 0.137+/-0.003 χ^2/NDF:2354.9/48

All: 0.133+/-0.002 χ^2/NDF: 4476.1/92

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.675+/-0.596 χ^2/NDF: 218.3/3

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 4.120+/-0.388 χ^2/NDF: 1032.3/5

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

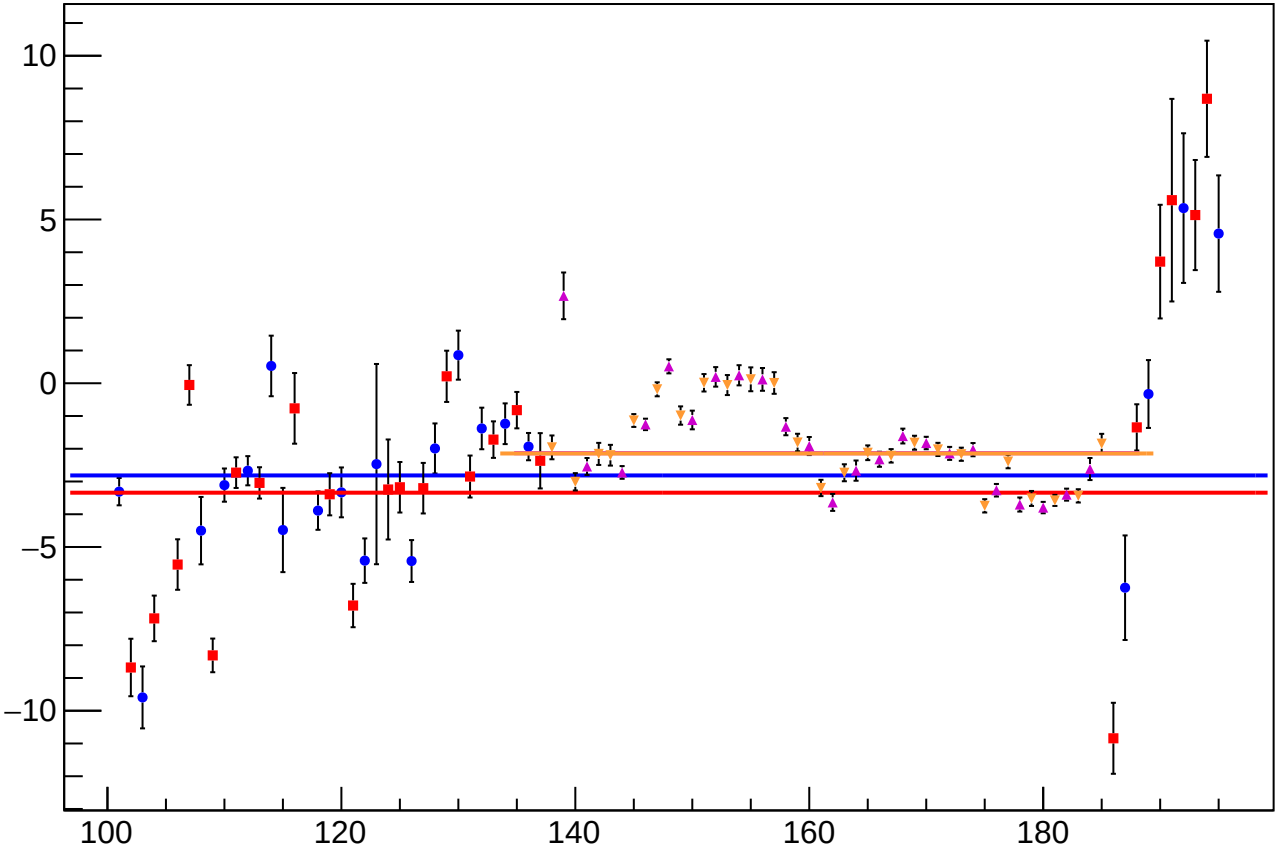
Right: 3.988+/-0.325 χ^2/NDF: 1251.0/9

In: 2.445+/-0.059 χ^2/NDF:1105.5/26

Out: 2.610+/-0.058 χ^2/NDF:1915.9/30

All: 2.529+/-0.041 χ^2/NDF: 3025.4/57

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.815+/-0.151 χ^2/NDF: 187.5/20

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.342+/-0.148 χ^2/NDF: 437.1/23

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

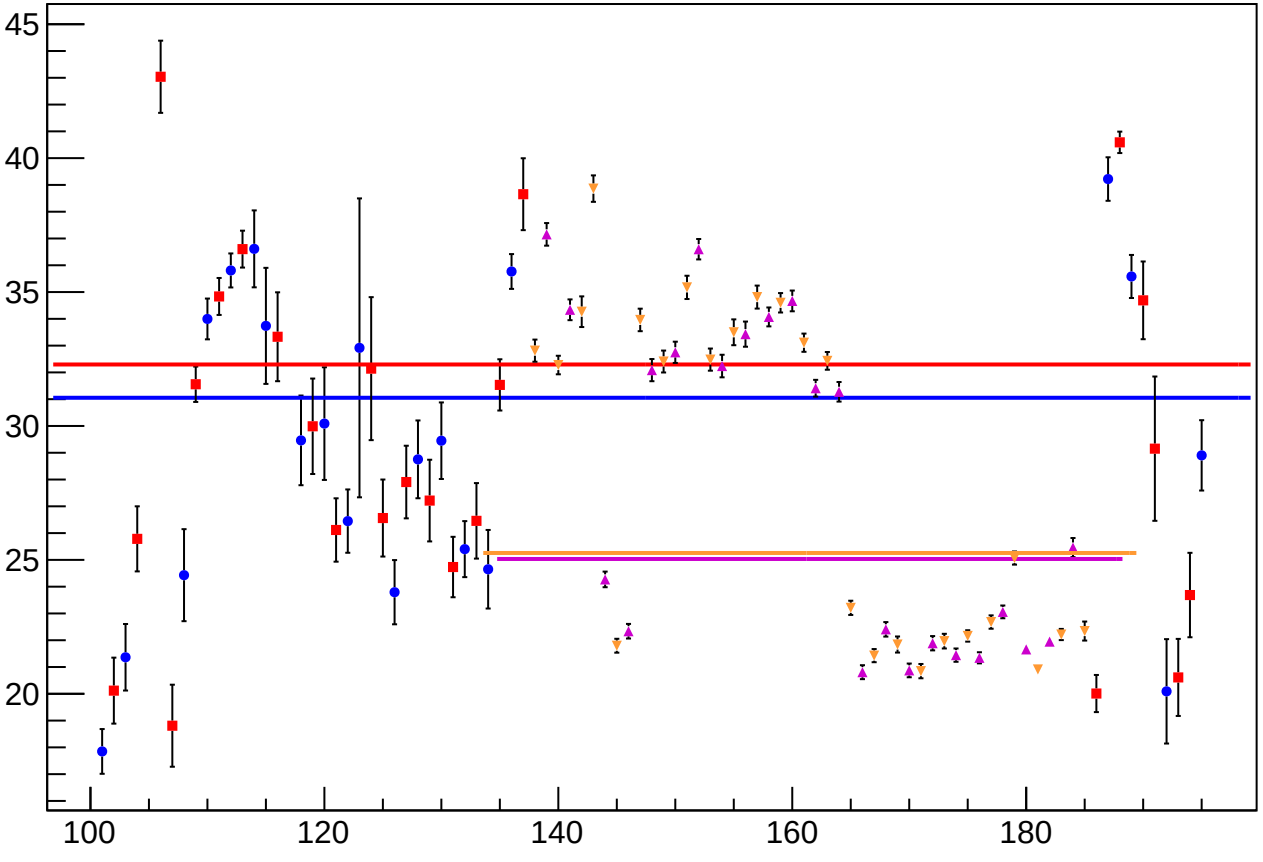
Right: -3.084+/-0.106 χ^2/NDF: 630.8/44

In: -2.200+/-0.046 χ^2/NDF:899.4/43

Out: -2.257+/-0.045 χ^2/NDF:1069.0/48

All: -2.229+/-0.032 χ^2/NDF: 1969.3/92

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.053+/-0.236 χ^2/NDF: 738.0/20

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 32.296+/-0.202 χ^2/NDF: 1317.0/23

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

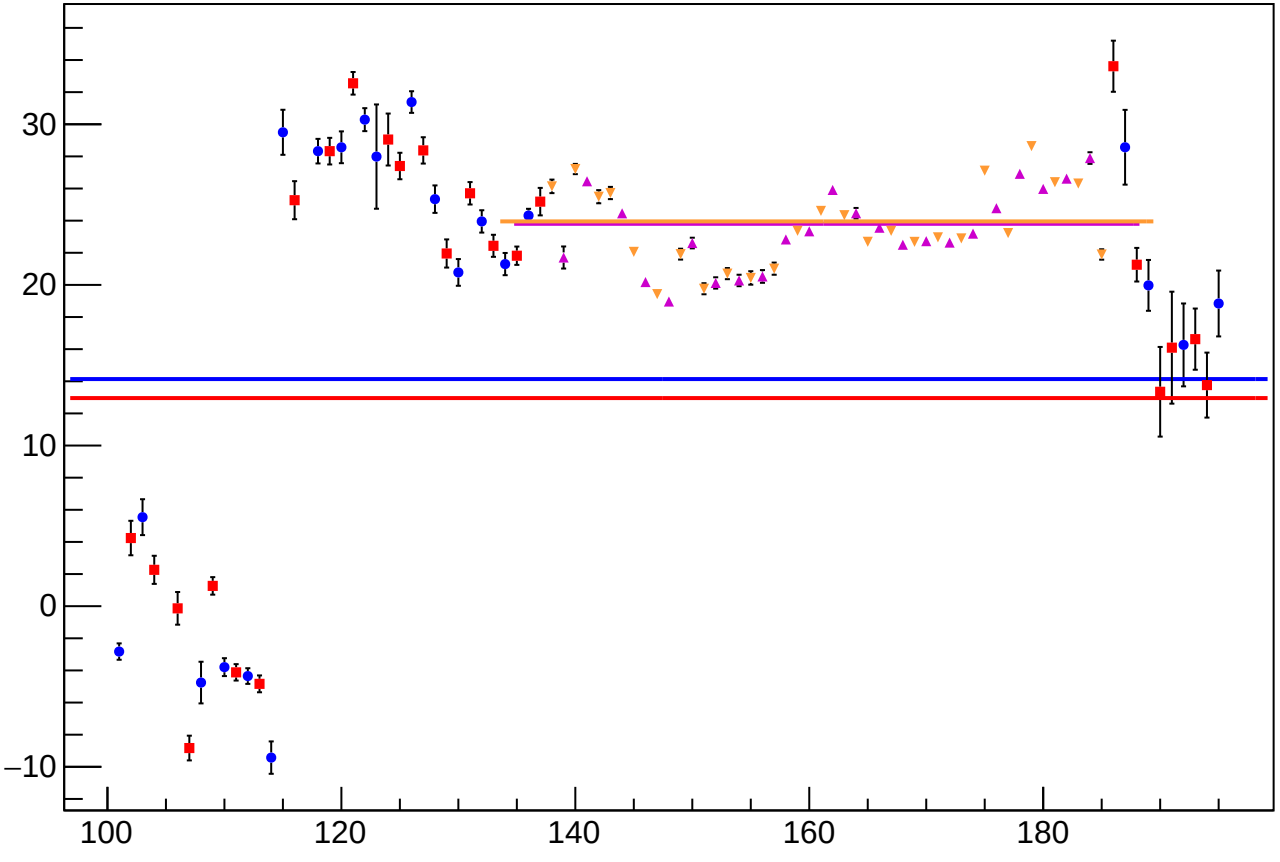
Right: 31.771+/-0.153 χ^2/NDF: 2071.0/44

In: 25.392+/-0.058 χ^2/NDF:9040.1/43

Out: 25.811+/-0.057 χ^2/NDF:10573.8/48

All: 25.606+/-0.040 χ^2/NDF: 19640.7/92

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.138+/-0.170 χ^2/NDF: 7451.1/20

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.955+/-0.169 χ^2/NDF: 7208.0/23

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

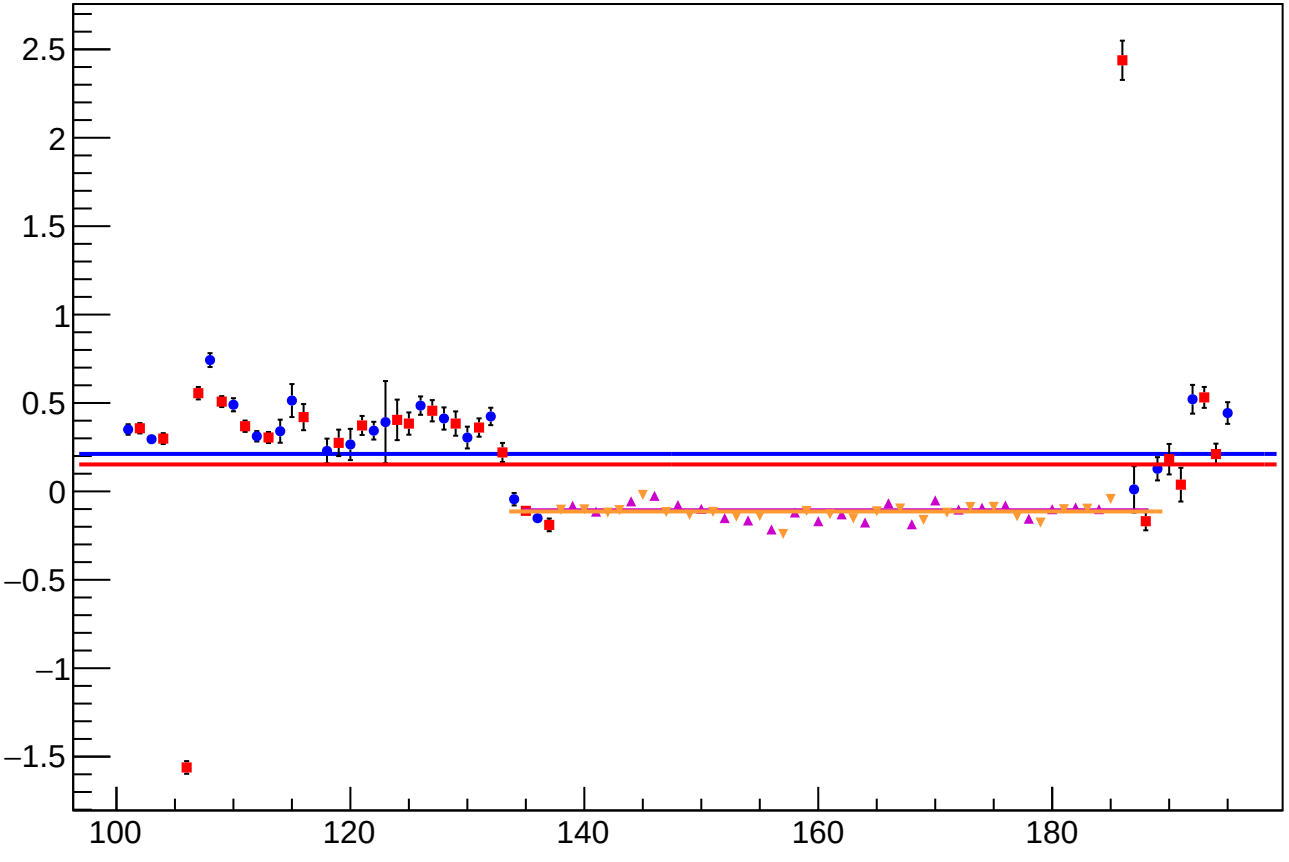
Right: 13.544+/-0.120 χ^2/NDF: 14683.5/44

In: 22.918+/-0.051 χ^2/NDF:12163.7/43

Out: 22.958+/-0.051 χ^2/NDF:12990.1/48

All: 22.938+/-0.036 χ^2/NDF: 25154.1/92

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.212+/-0.009 χ^2/NDF: 879.4/20

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.152+/-0.009 χ^2/NDF: 3517.9/23

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

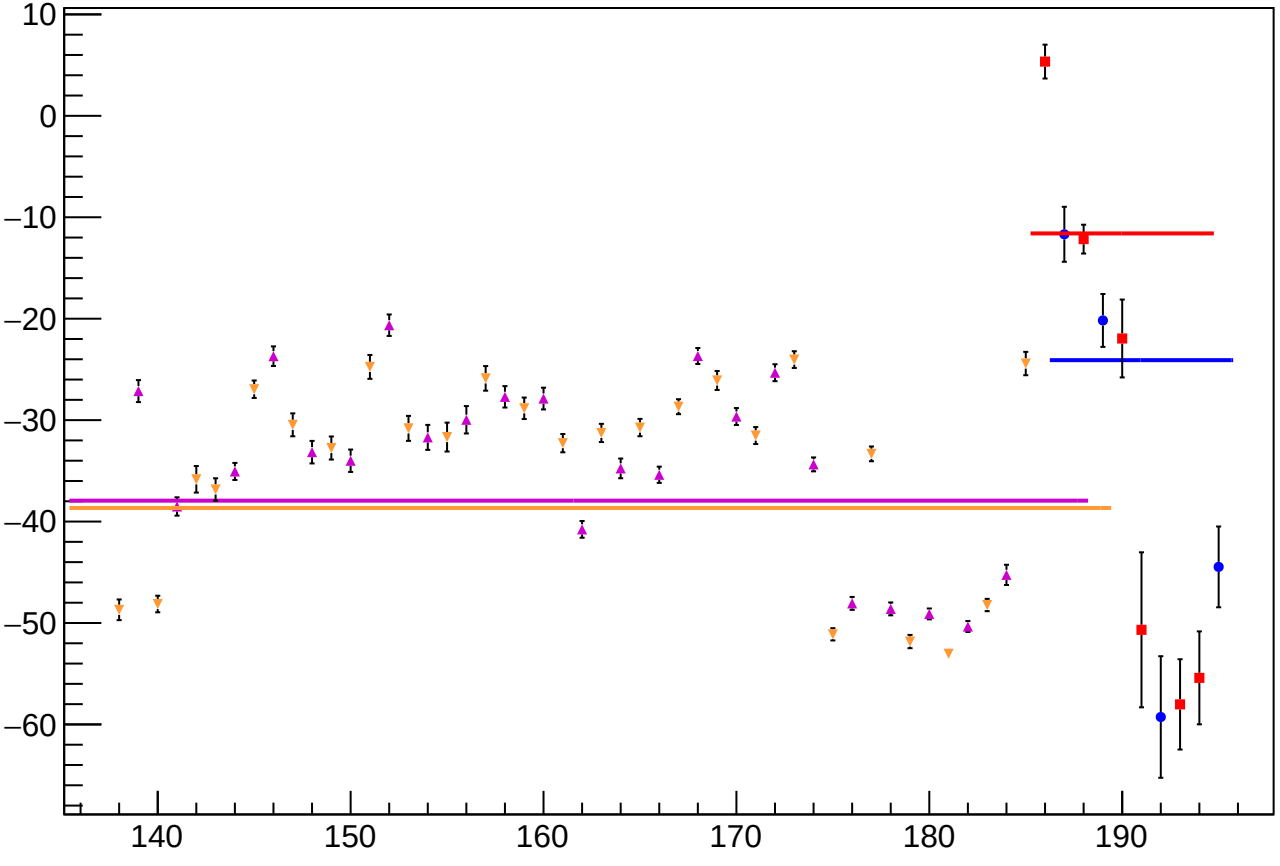
Right: 0.181+/-0.006 χ^2/NDF: 4419.5/44

In: -0.085+/-0.002 χ^2/NDF:2347.6/43

Out: -0.095+/-0.002 χ^2/NDF:4666.4/48

All: -0.090+/-0.002 χ^2/NDF: 7022.3/92

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.088+/-1.635 χ^2/NDF: 83.9/3

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -11.593+/-0.982 χ^2/NDF: 336.8/5

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

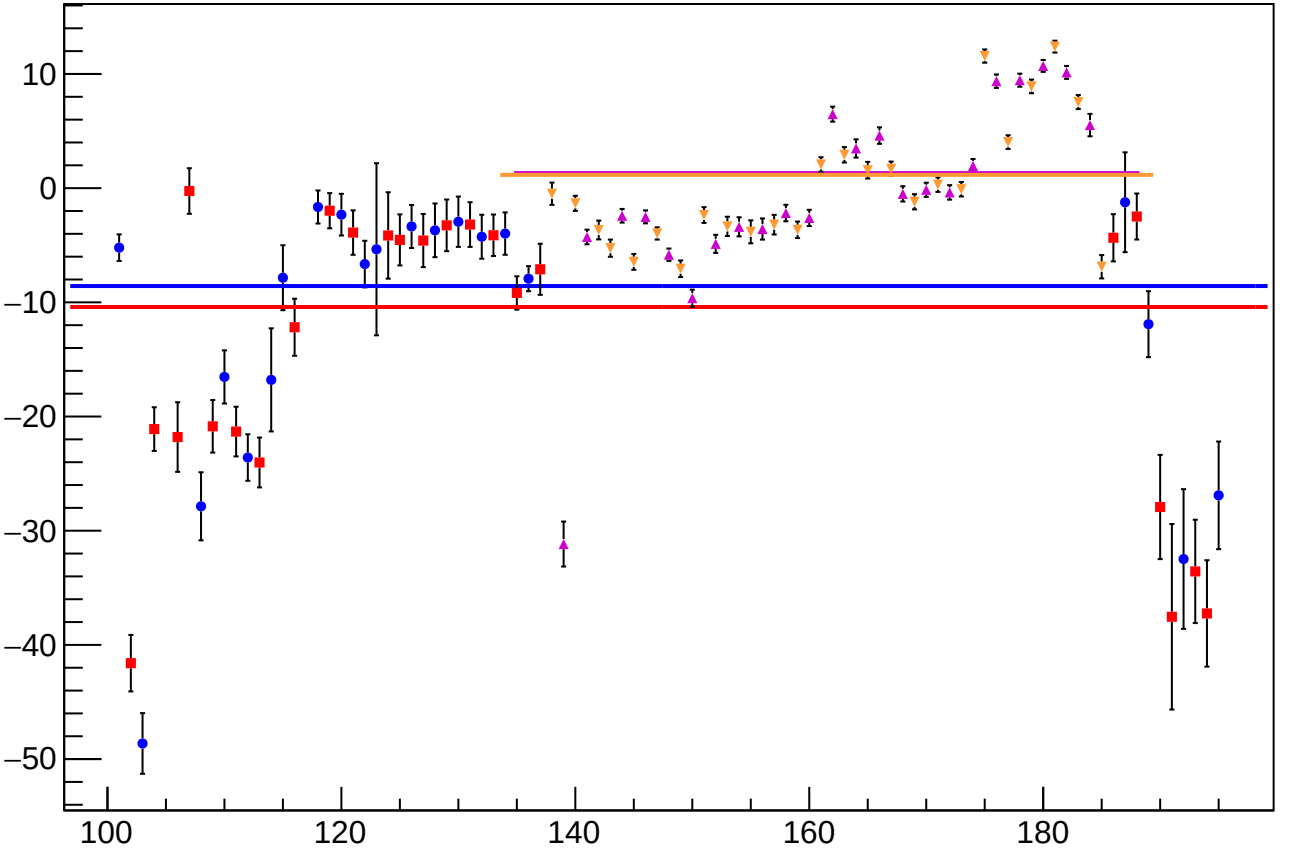
Right: -14.905+/-0.842 χ^2/NDF: 463.6/9

In: -37.787+/-0.172 χ^2/NDF:3288.1/26

Out: -37.878+/-0.167 χ^2/NDF:5148.5/30

All: -37.834+/-0.120 χ^2/NDF: 8436.7/57

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.573+/-0.450 χ^2/NDF: 447.1/20

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.407+/-0.458 χ^2/NDF: 520.0/23

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

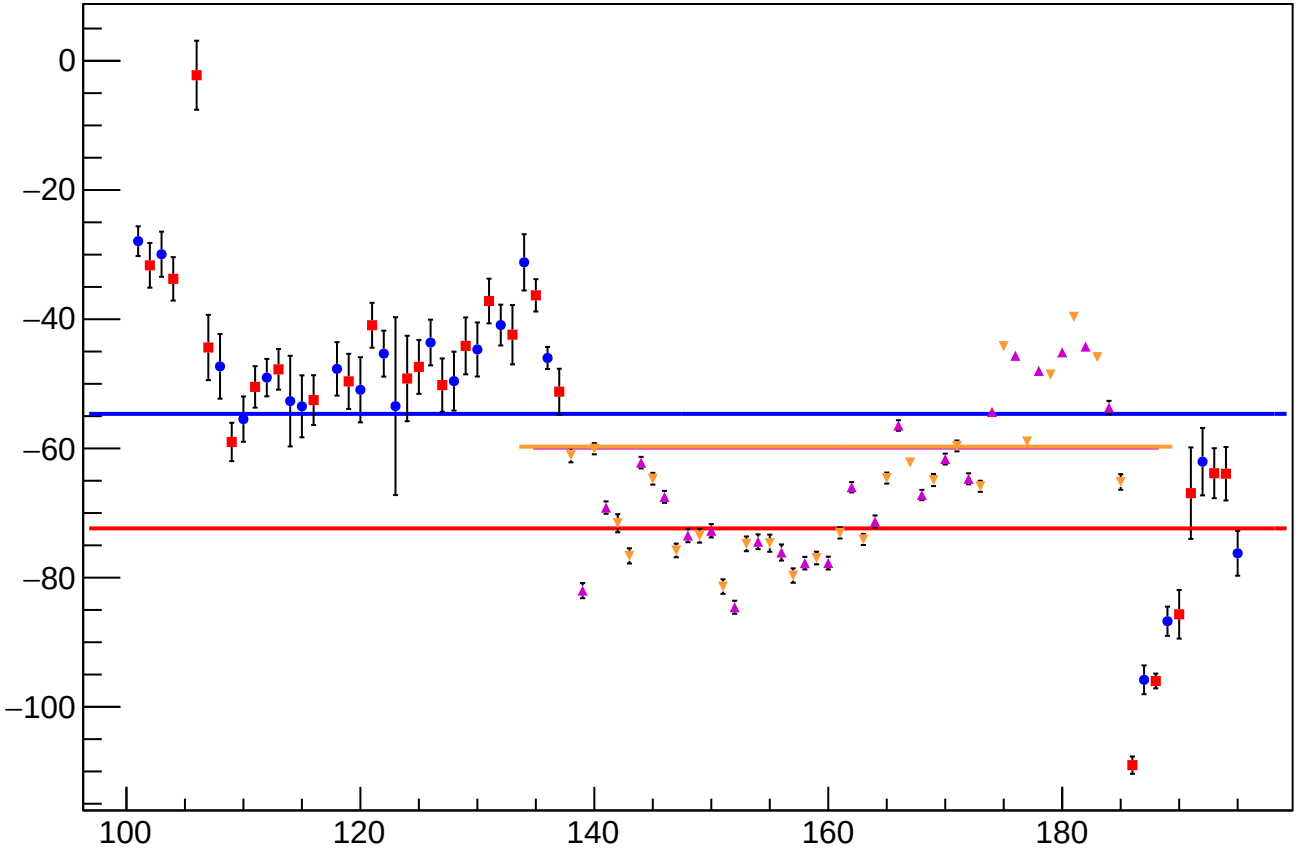
Right: -9.475+/-0.321 χ^2/NDF: 975.3/44

In: 0.454+/-0.133 χ^2/NDF:2967.7/43

Out: 0.220+/-0.131 χ^2/NDF:2893.0/48

All: 0.335+/-0.093 χ^2/NDF: 5862.3/92

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.649+/-0.716 χ^2/NDF: 874.6/20

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.376+/-0.591 χ^2/NDF: 2443.3/23

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

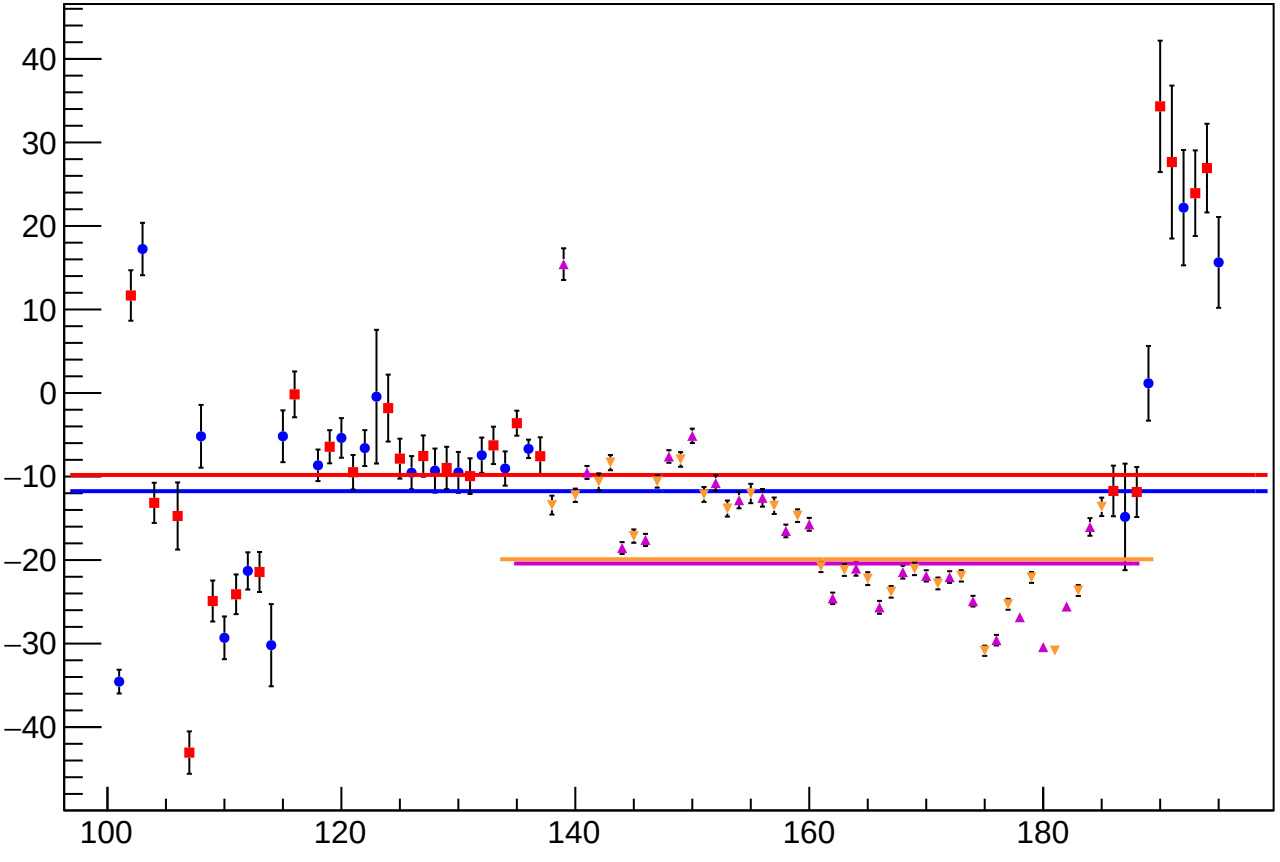
Right: -65.183+/-0.456 χ^2/NDF: 3682.6/44

In: -59.577+/-0.168 χ^2/NDF:6199.9/43

Out: -60.694+/-0.164 χ^2/NDF:8655.7/48

All: -60.150+/-0.117 χ^2/NDF: 14878.3/92

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.751+/-0.511 χ^2/NDF: 535.4/20

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -9.809+/-0.529 χ^2/NDF: 504.8/23

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

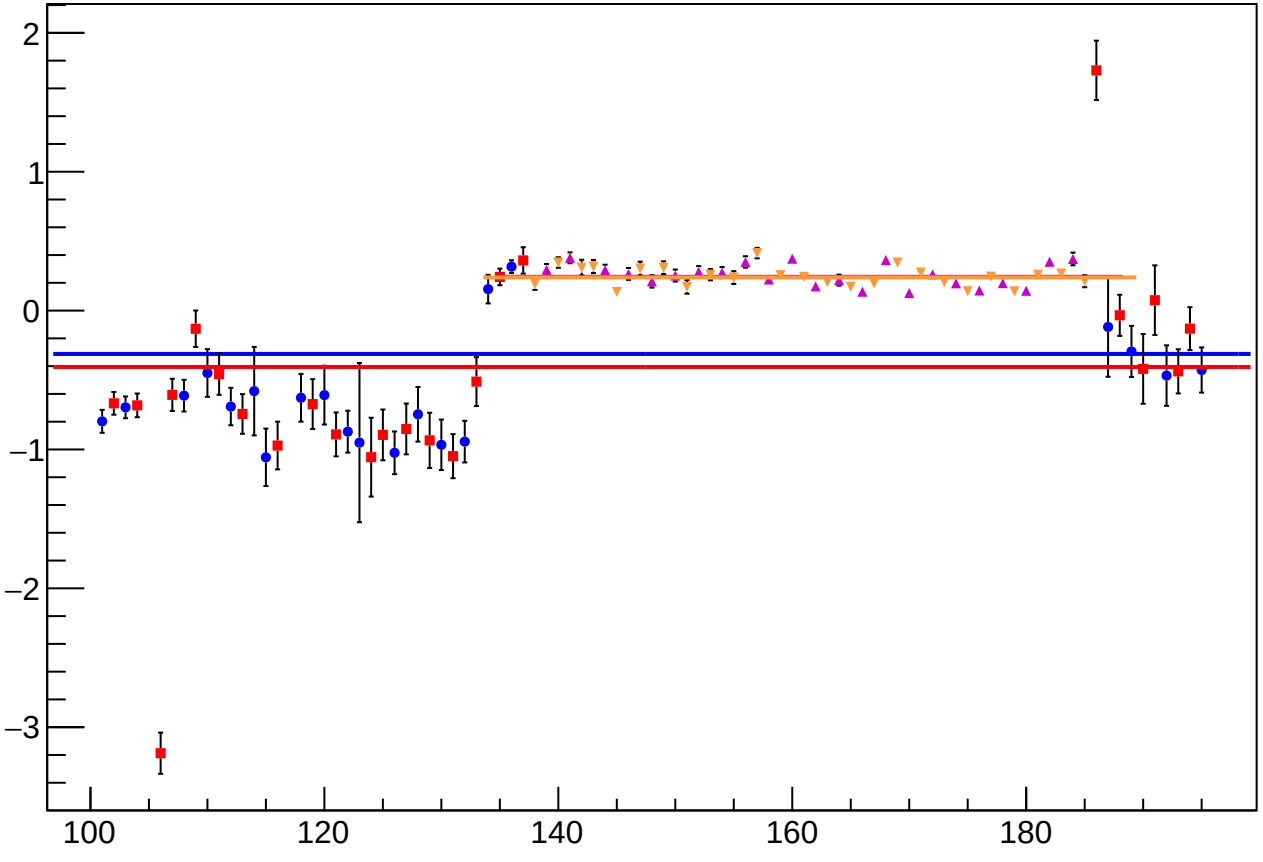
Right: -10.814+/-0.367 χ^2/NDF: 1047.2/44

In: -19.672+/-0.149 χ^2/NDF:3143.6/43

Out: -19.121+/-0.147 χ^2/NDF:2745.7/48

All: -19.392+/-0.105 χ^2/NDF: 5896.2/92

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.312+/-0.027 χ^2/NDF: 373.7/20

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.406+/-0.027 χ^2/NDF: 744.9/23

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

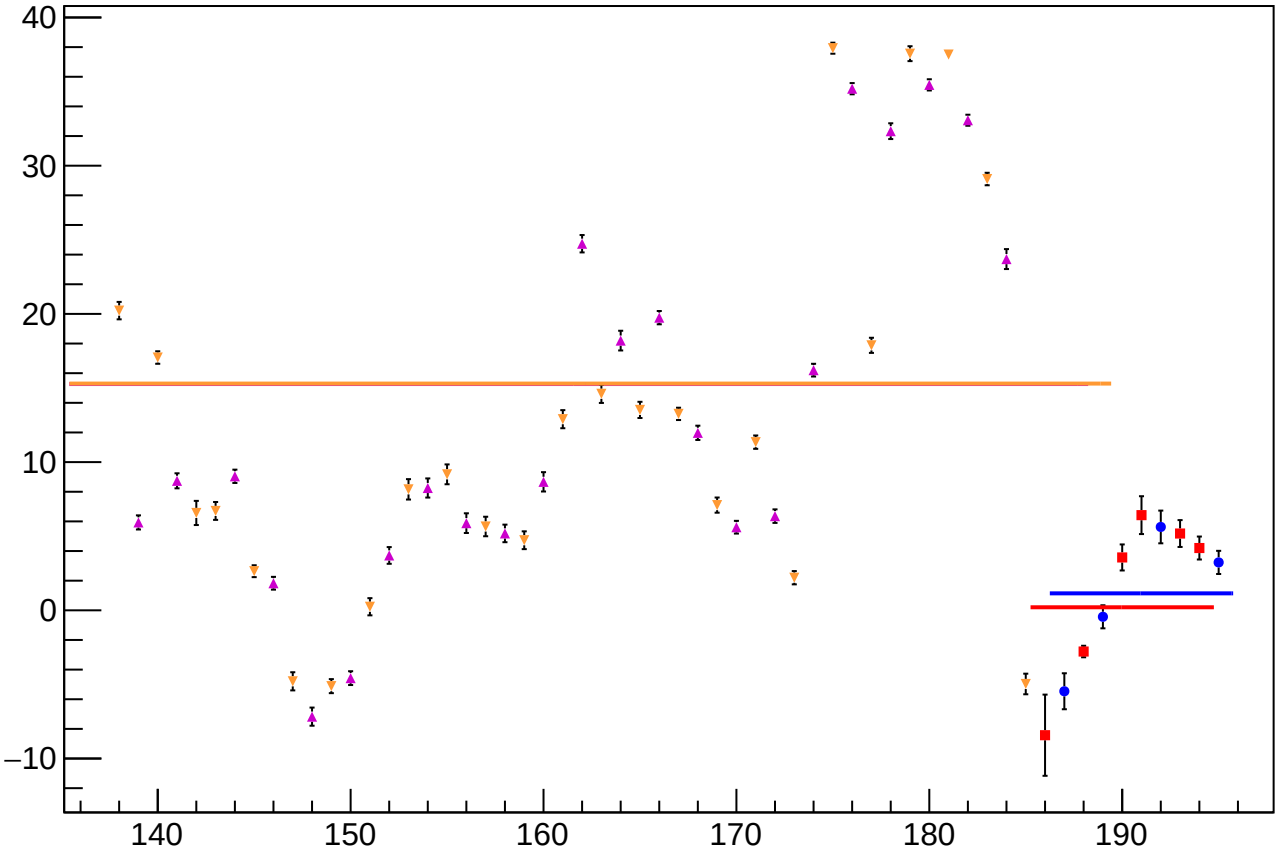
Right: -0.359+/-0.019 χ^2/NDF: 1124.8/44

In: 0.206+/-0.007 χ^2/NDF:920.8/43

Out: 0.197+/-0.007 χ^2/NDF:1383.2/48

All: 0.201+/-0.005 χ^2/NDF: 2304.9/92

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.145+/-0.457 χ^2/NDF: 57.4/3

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 0.205+/-0.294 χ^2/NDF: 164.0/5

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

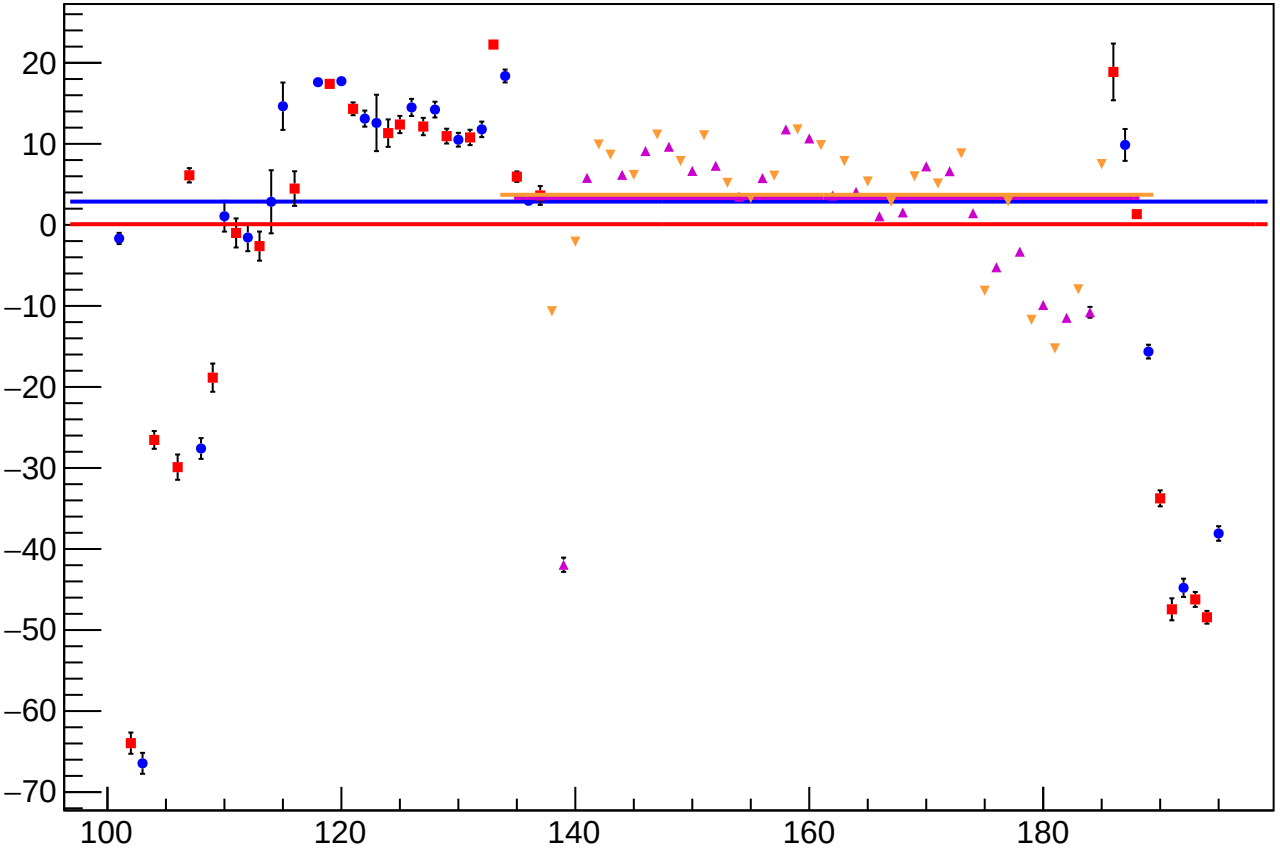
Right: 0.481+/-0.247 χ^2/NDF: 224.3/9

In: 14.596+/-0.100 χ^2/NDF:17373.4/26

Out: 13.718+/-0.095 χ^2/NDF:21652.0/30

All: 14.137+/-0.069 χ^2/NDF: 39066.0/57

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.875+/-0.199 χ^2/NDF: 10277.0/20

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: 0.081+/-0.184 χ^2/NDF: 16643.8/23

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

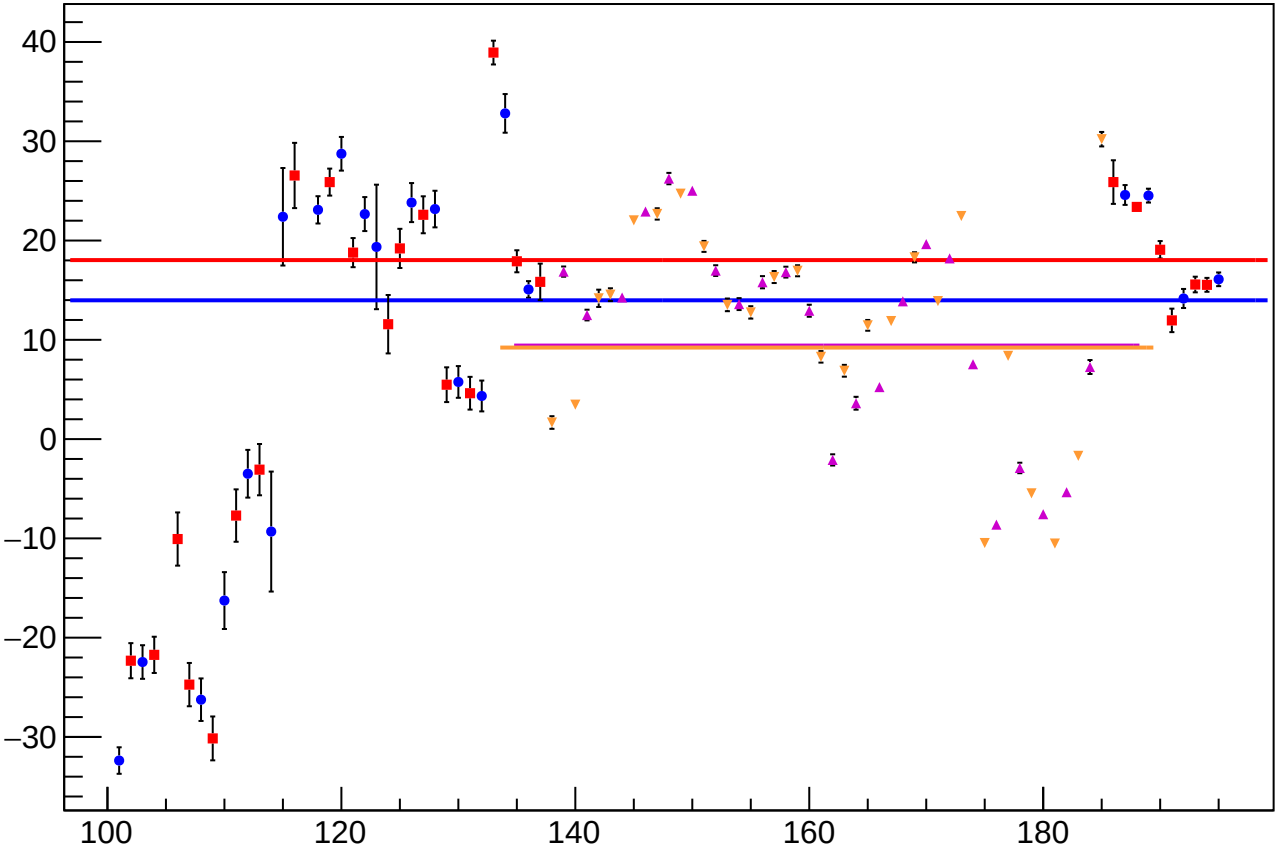
Right: 1.372+/-0.135 χ^2/NDF: 27026.8/44

In: 3.263+/-0.075 χ^2/NDF:19111.9/43

Out: 3.154+/-0.073 χ^2/NDF:26173.5/48

All: 3.206+/-0.052 χ^2/NDF: 45286.5/92

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.981+/-0.288 χ^2/NDF: 2910.3/20

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.031+/-0.215 χ^2/NDF: 2952.6/23

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

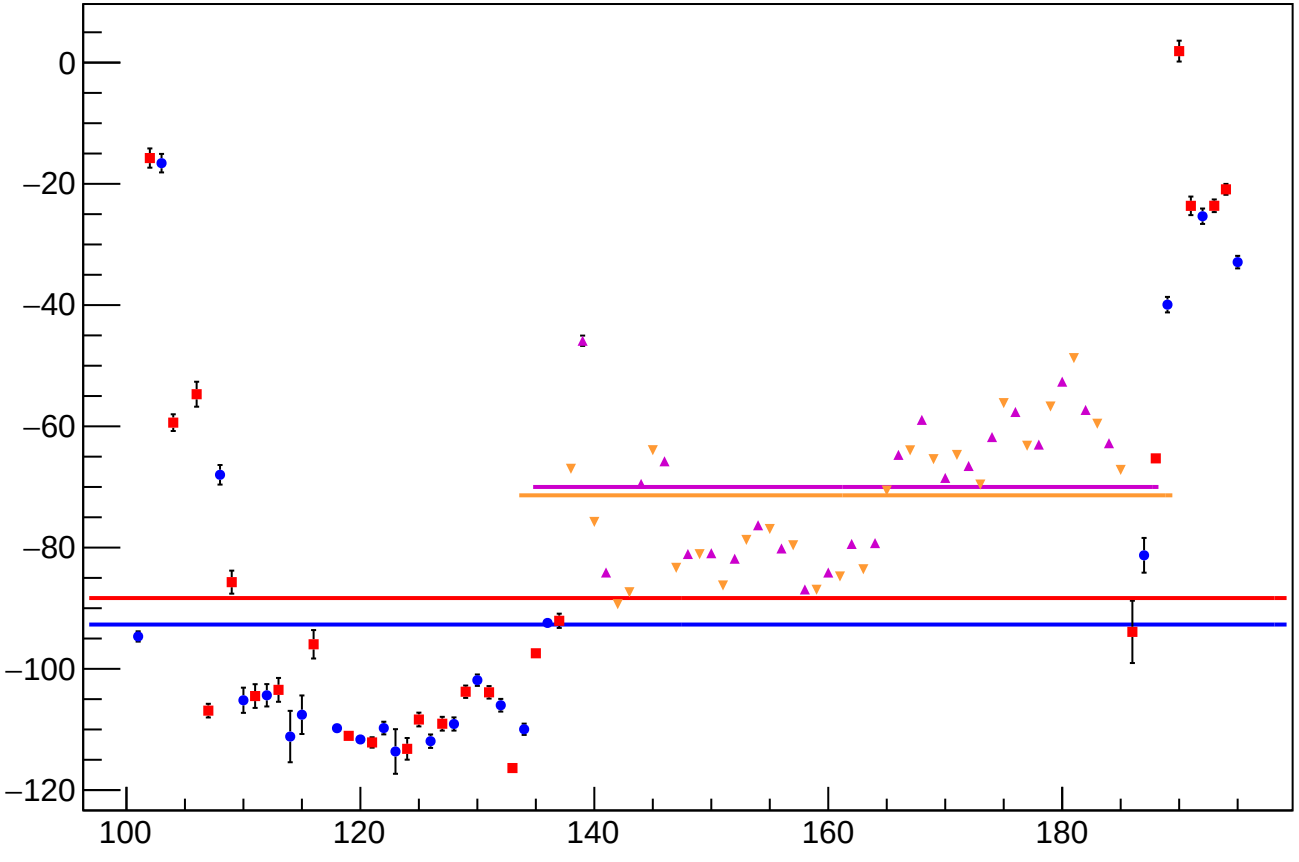
Right: 16.585+/-0.172 χ^2/NDF: 5989.7/44

In: 9.927+/-0.096 χ^2/NDF:15210.7/43

Out: 10.817+/-0.091 χ^2/NDF:17946.2/48

All: 10.394+/-0.066 χ^2/NDF: 33201.8/92

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -92.693+/-0.232 χ^2/NDF: 13434.3/20

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -88.325+/-0.219 χ^2/NDF: 23836.2/23

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

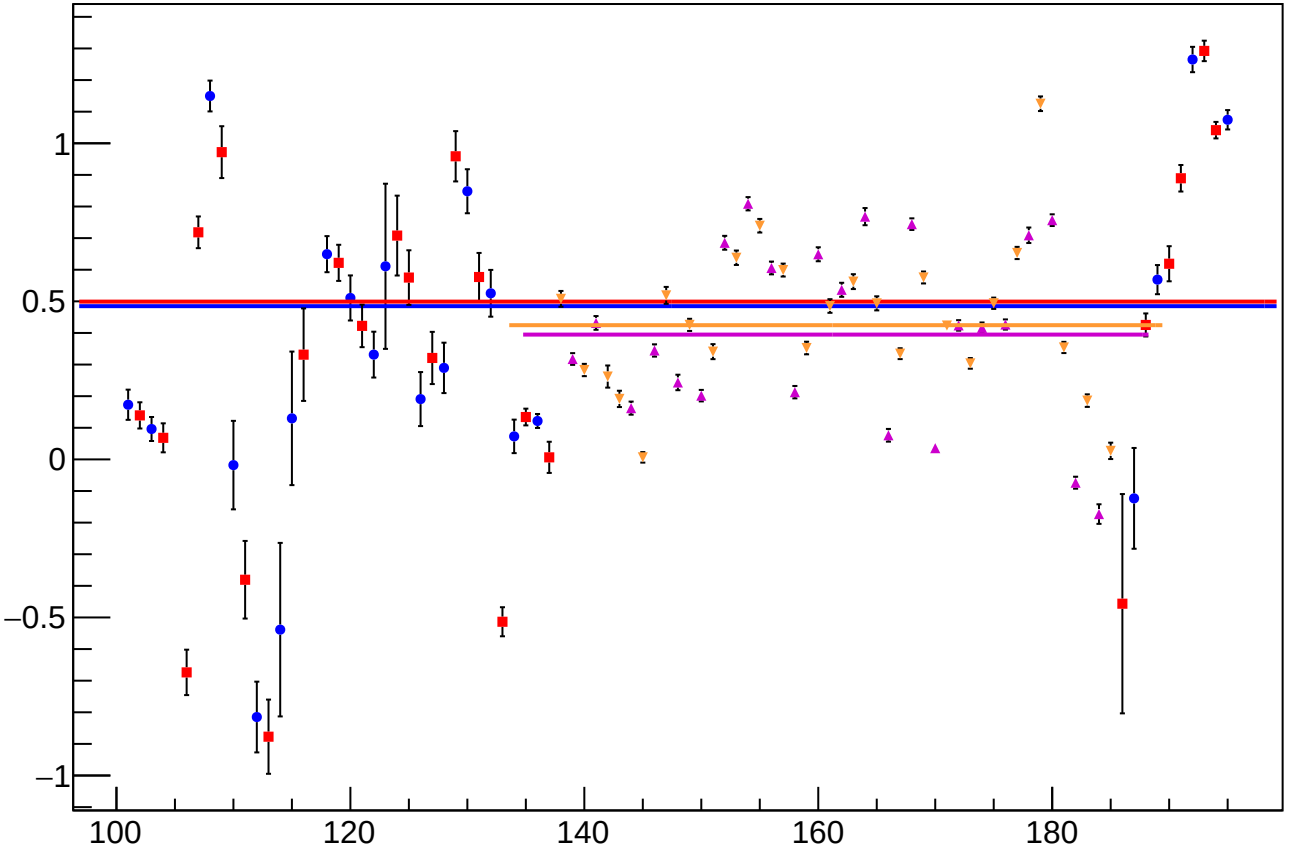
Right: -90.379+/-0.159 χ^2/NDF: 37458.0/44

In: -73.043+/-0.085 χ^2/NDF:34890.9/43

Out: -73.806+/-0.083 χ^2/NDF:45199.8/48

All: -73.435+/-0.059 χ^2/NDF: 80132.1/92

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.485+/-0.011 χ^2/NDF: 1653.1/20

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.499+/-0.010 χ^2/NDF: 2631.4/23

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

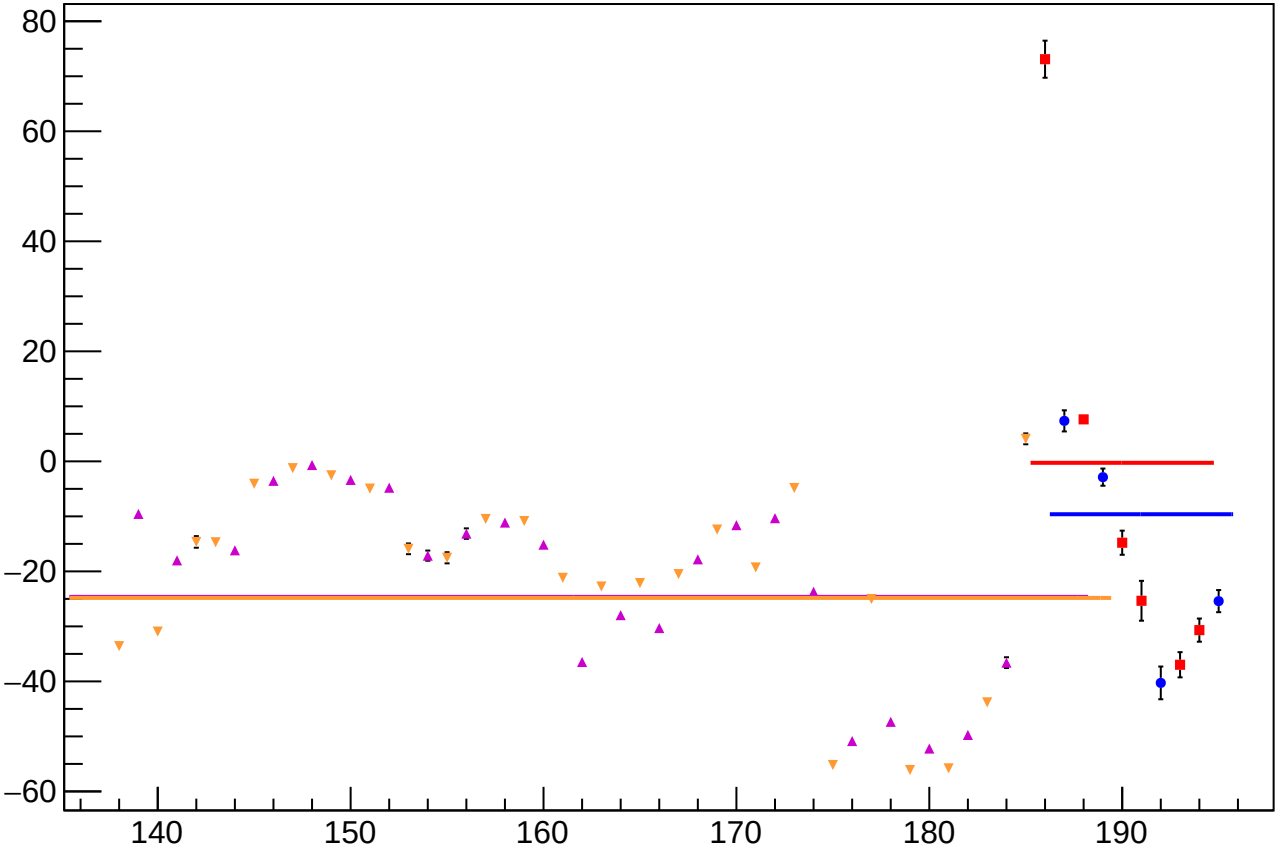
Right: 0.493+/-0.008 χ^2/NDF: 4285.4/44

In: 0.405+/-0.004 χ^2/NDF:5771.3/43

Out: 0.435+/-0.004 χ^2/NDF:5544.2/48

All: 0.420+/-0.003 χ^2/NDF: 11345.1/92

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.614+/-0.980 χ^2/NDF: 264.7/3

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -0.264+/-0.653 χ^2/NDF: 1128.6/5

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

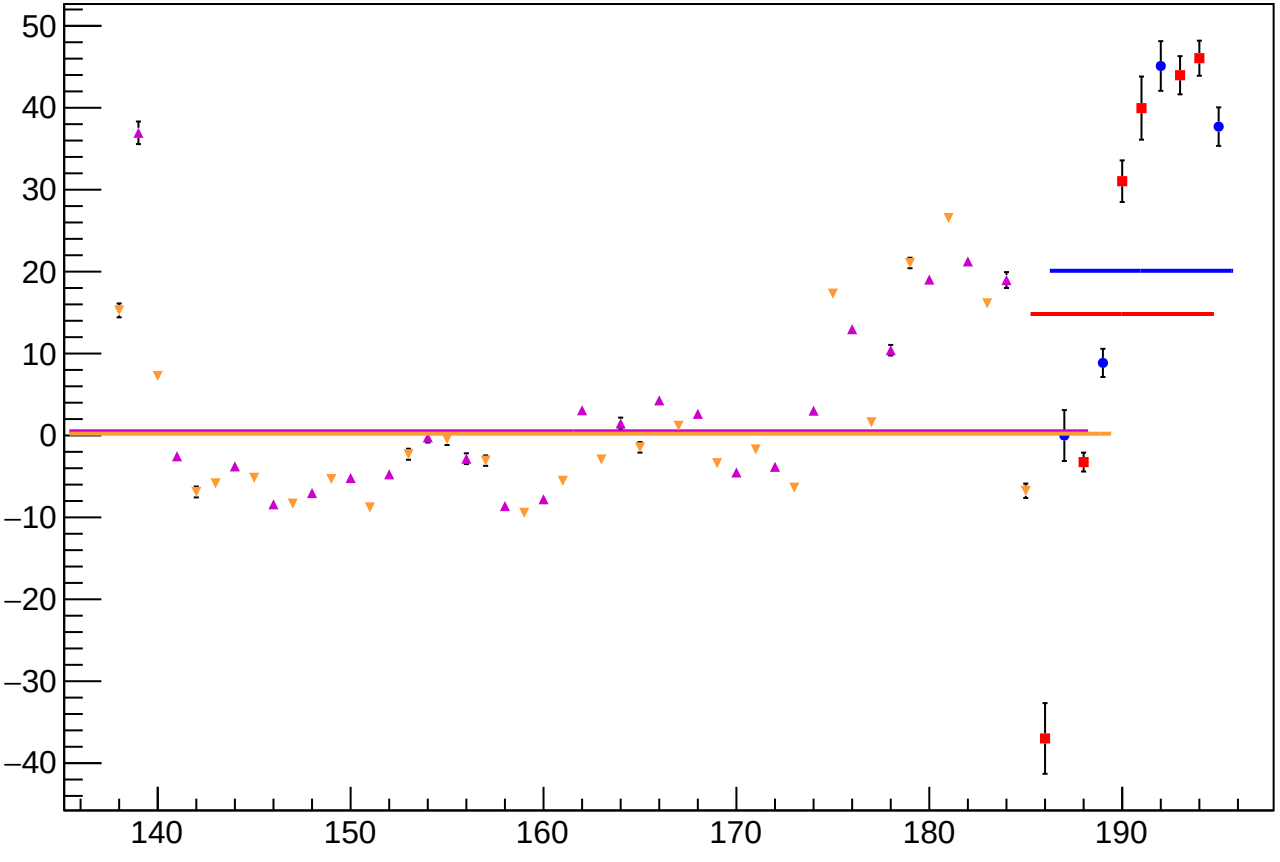
Right: -3.137+/-0.543 χ^2/NDF: 1456.3/9

In: -24.326+/-0.141 χ^2/NDF:15442.7/26

Out: -23.748+/-0.137 χ^2/NDF:20757.4/30

All: -24.029+/-0.098 χ^2/NDF: 36208.8/57

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.104+/-1.169 χ^2/NDF: 208.5/3

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 14.826+/-0.836 χ^2/NDF: 842.9/5

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

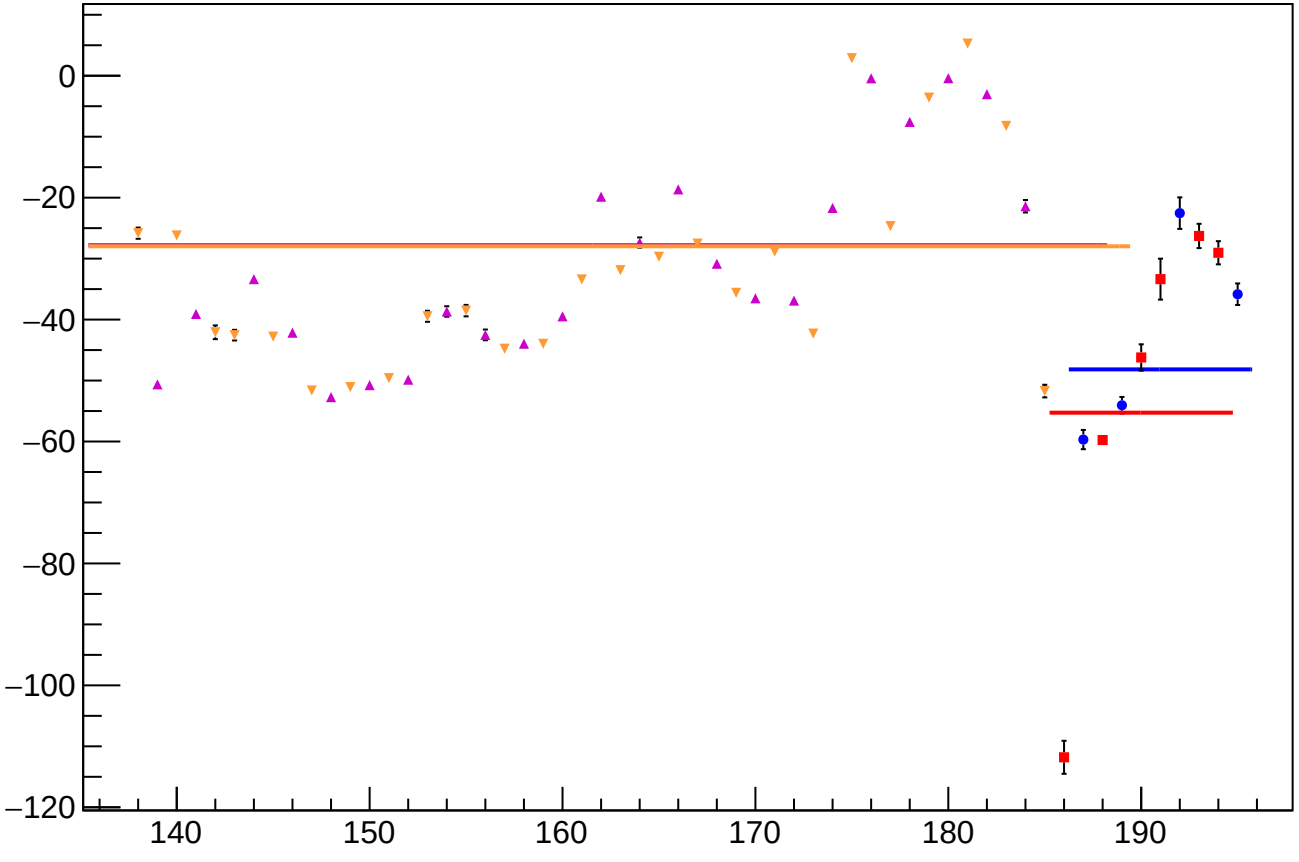
Right: 16.611+/-0.680 χ^2/NDF: 1064.9/9

In: 0.685+/-0.111 χ^2/NDF:7113.9/26

Out: 0.461+/-0.108 χ^2/NDF:9395.9/30

All: 0.569+/-0.077 χ^2/NDF: 16511.8/57

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.170+/-0.843 χ^2/NDF: 218.6/3

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -55.270+/-0.546 χ^2/NDF: 946.5/5

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

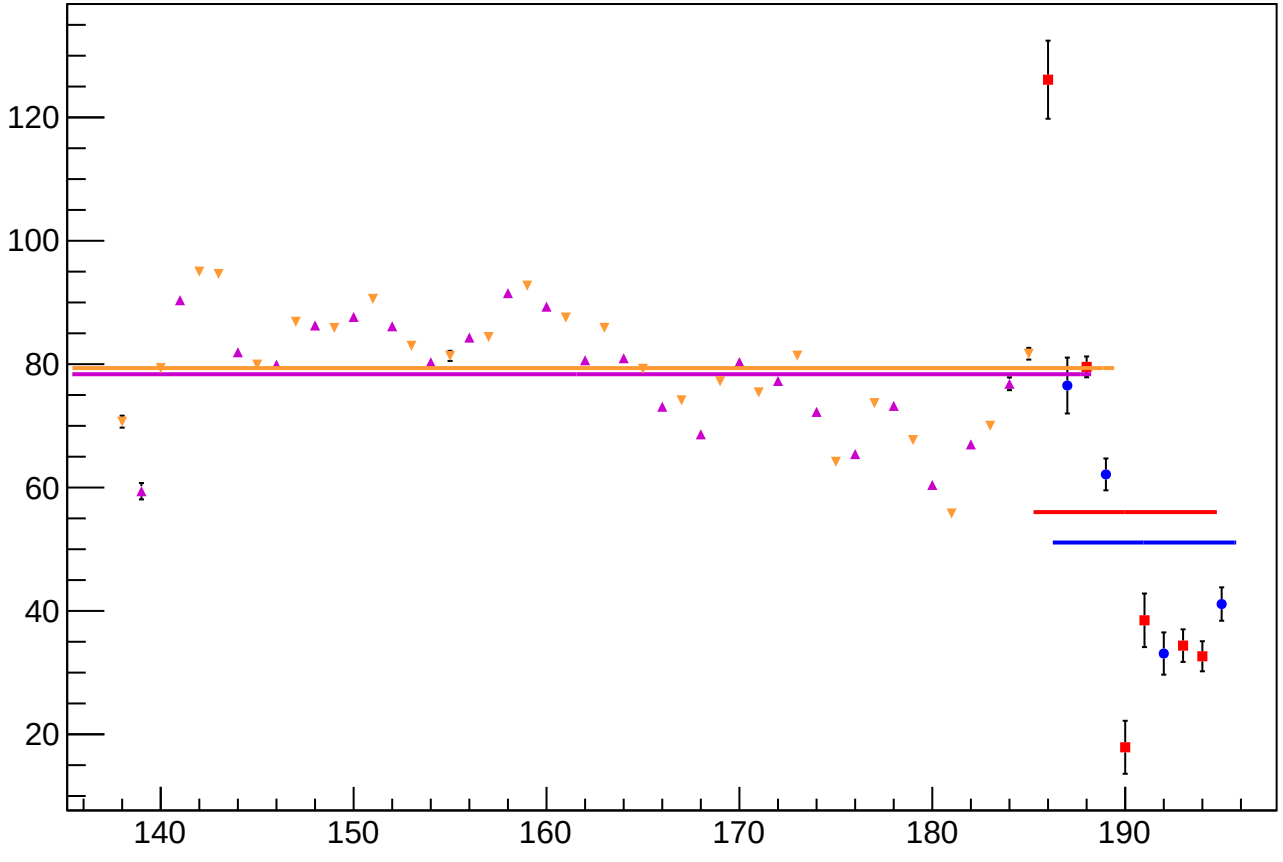
Right: -53.170+/-0.458 χ^2/NDF: 1215.1/9

In: -28.357+/-0.140 χ^2/NDF:15980.2/26

Out: -29.663+/-0.136 χ^2/NDF:20368.9/30

All: -29.029+/-0.097 χ^2/NDF: 36394.1/57

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.088+/-1.542 χ^2/NDF: 91.1/3

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 56.016+/-1.121 χ^2/NDF: 571.7/5

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

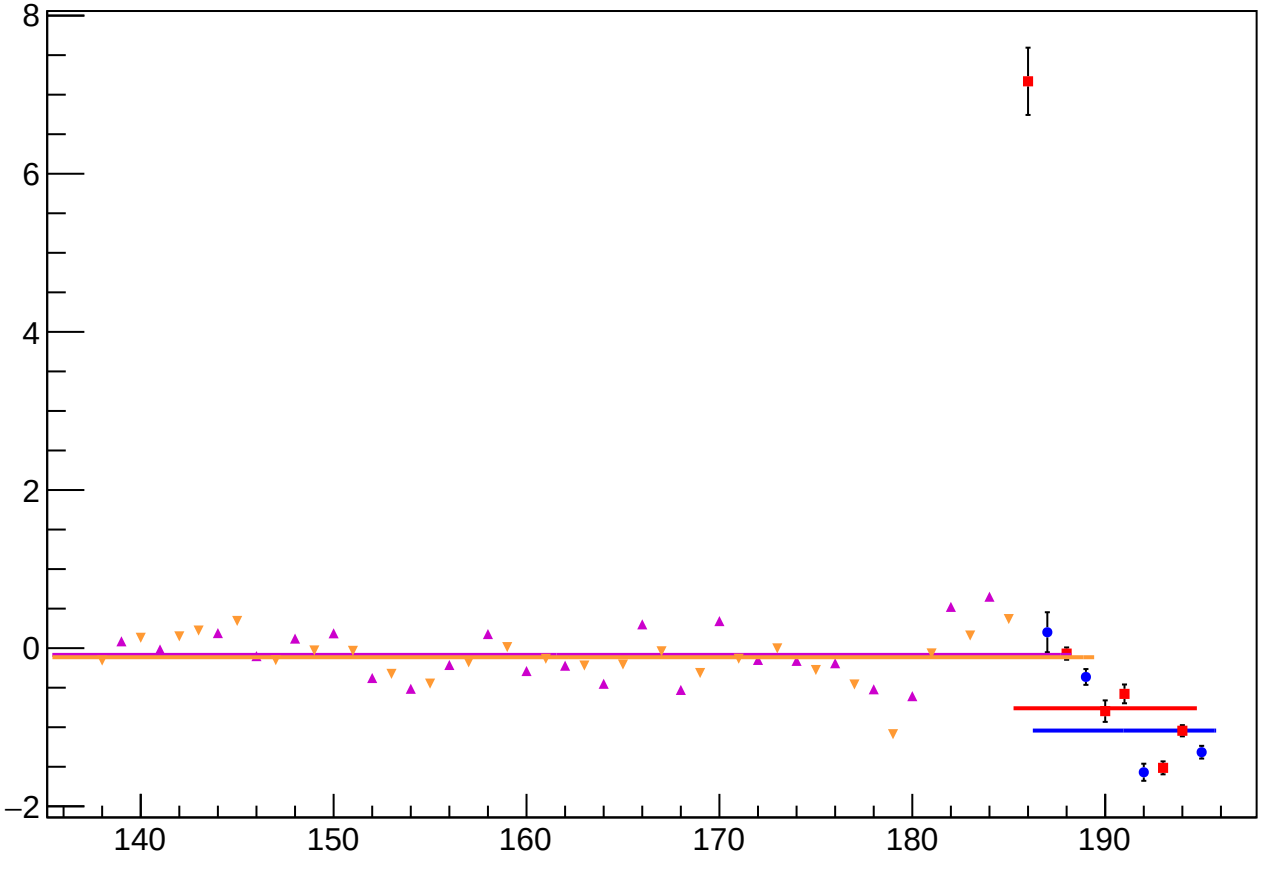
Right: 54.312+/-0.907 χ^2/NDF: 669.5/9

In: 78.185+/-0.126 χ^2/NDF:5137.6/26

Out: 79.084+/-0.123 χ^2/NDF:6966.4/30

All: 78.646+/-0.088 χ^2/NDF: 12130.2/57

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.042+/-0.053 χ^2/NDF: 105.6/3

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.760+/-0.039 χ^2/NDF: 529.3/5

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

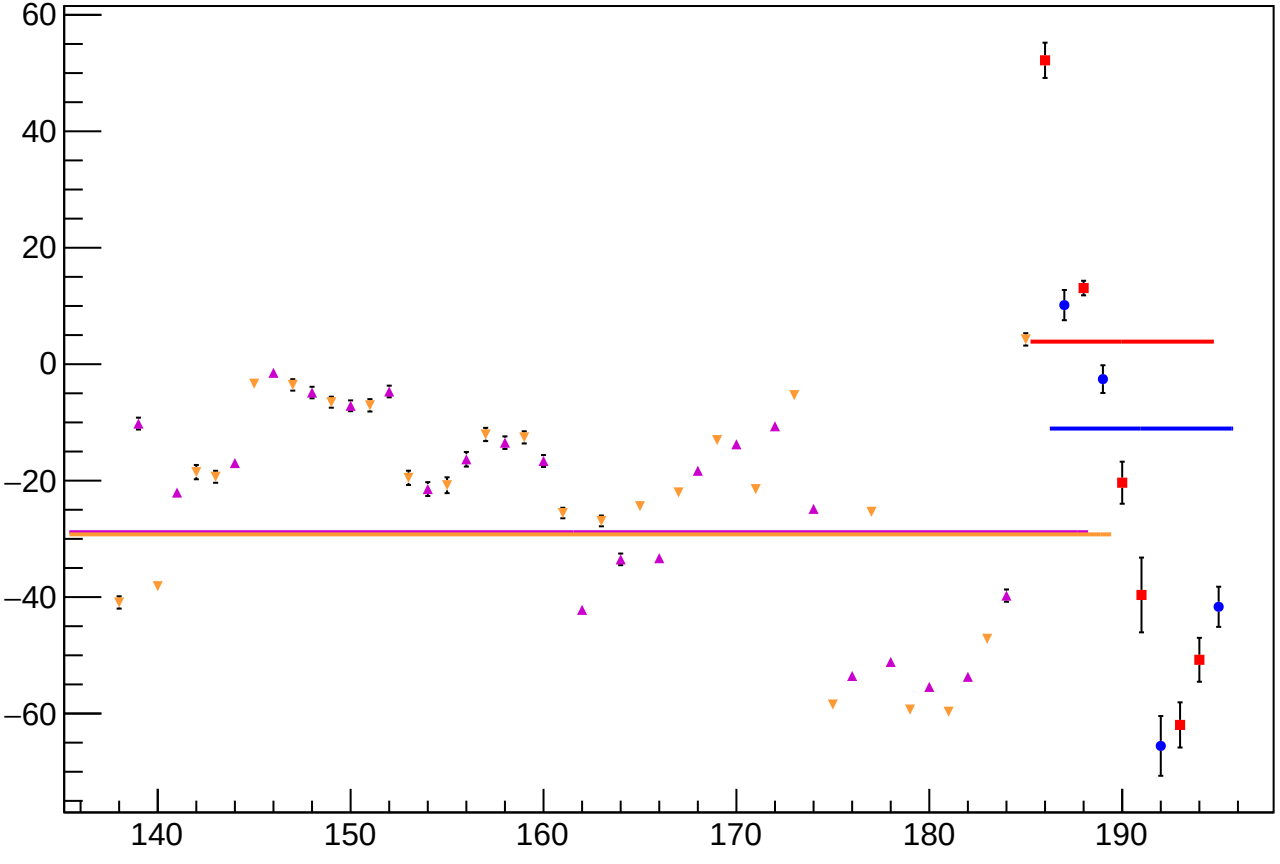
Right: -0.861+/-0.032 χ^2/NDF: 653.2/9

In: -0.096+/-0.006 χ^2/NDF:3576.2/26

Out: -0.128+/-0.006 χ^2/NDF:3080.7/30

All: -0.112+/-0.004 χ^2/NDF: 6672.4/57

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.054+/-1.496 χ^2/NDF: 271.1/3

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: 3.875+/-1.008 χ^2/NDF: 897.2/5

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

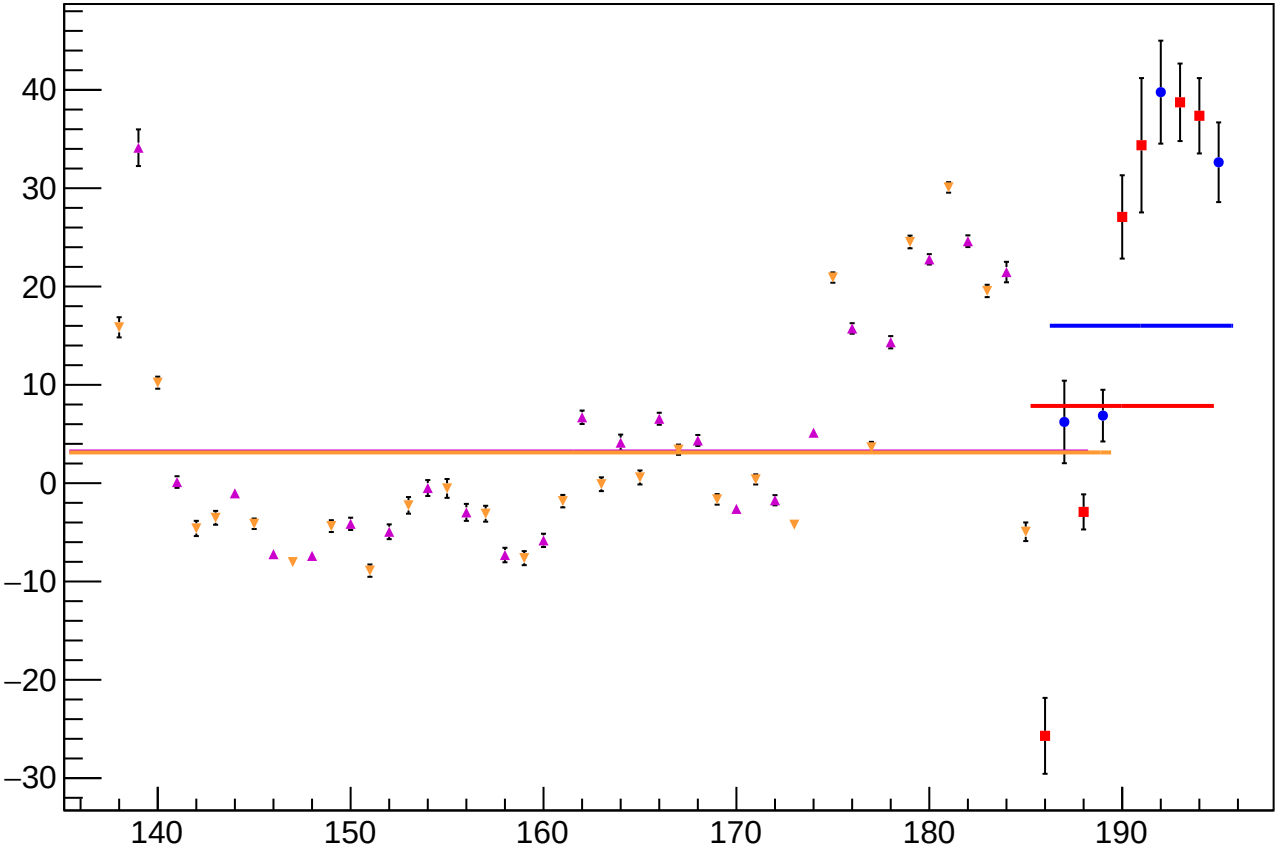
Right: -0.786+/-0.836 χ^2/NDF: 1236.8/9

In: -28.658+/-0.158 χ^2/NDF:13964.8/26

Out: -28.443+/-0.155 χ^2/NDF:18830.3/30

All: -28.548+/-0.111 χ^2/NDF: 32796.0/57

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.013+/-1.829 χ^2/NDF: 54.9/3

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 7.856+/-1.301 χ^2/NDF: 268.3/5

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

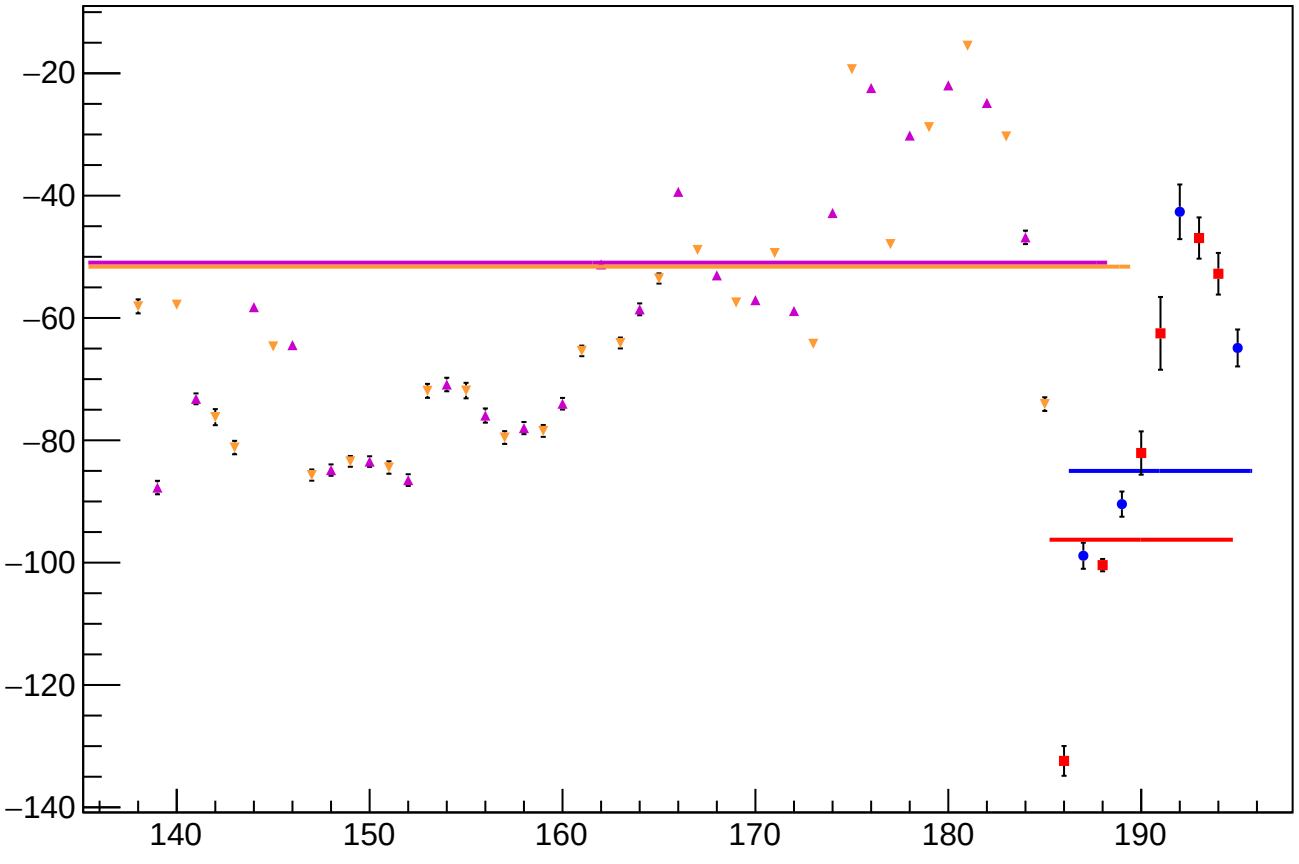
Right: 10.597+/-1.060 χ^2/NDF: 336.4/9

In: 3.285+/-0.126 χ^2/NDF:6377.6/26

Out: 3.169+/-0.124 χ^2/NDF:8330.4/30

All: 3.226+/-0.088 χ^2/NDF: 14708.4/57

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.005+/-1.275 χ^2/NDF: 183.4/3

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -96.252+/-0.836 χ^2/NDF: 662.5/5

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

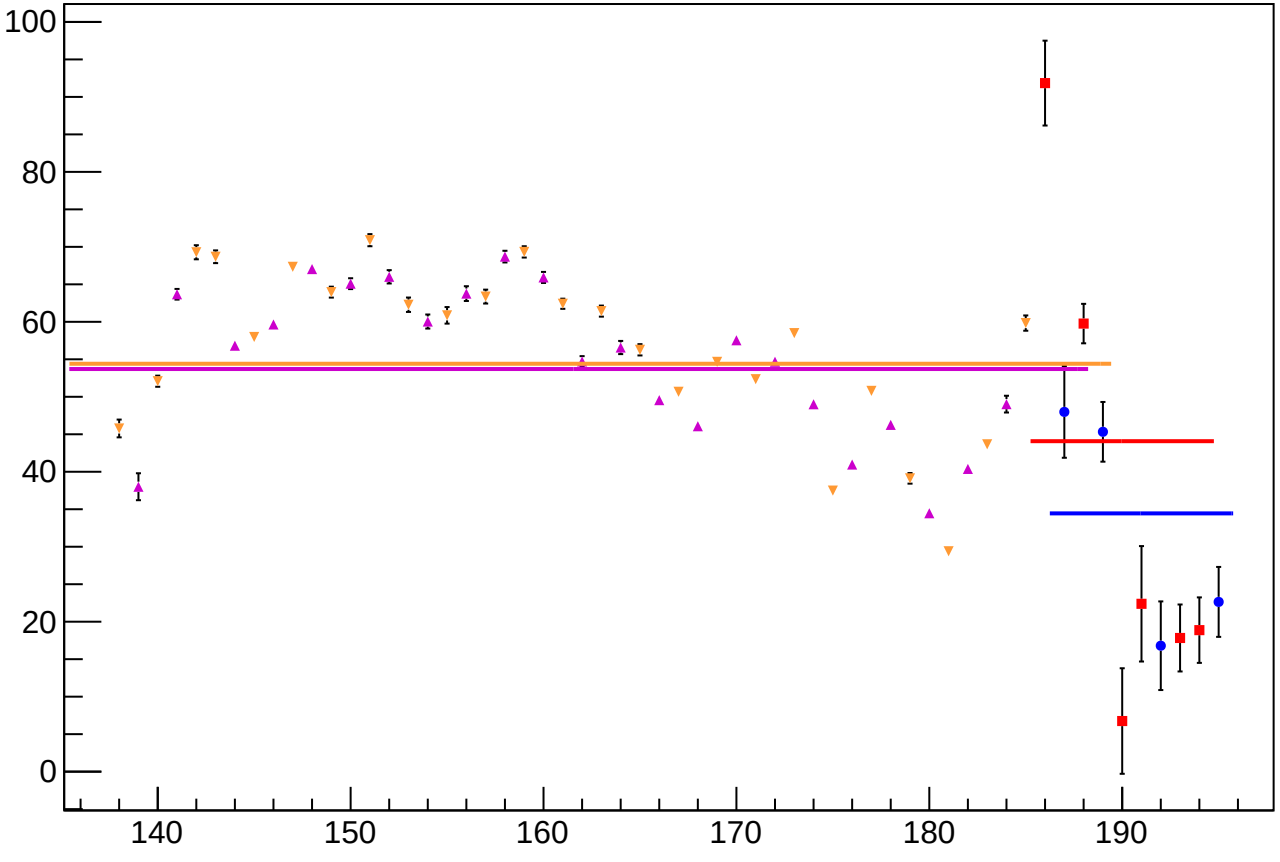
Right: -92.868+/-0.699 χ^2/NDF: 900.4/9

In: -51.479+/-0.158 χ^2/NDF:18358.1/26

Out: -53.151+/-0.155 χ^2/NDF:22798.2/30

All: -52.330+/-0.111 χ^2/NDF: 41213.2/57

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.447+/-2.467 χ^2/NDF: 27.7/3

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 44.078+/-1.781 χ^2/NDF: 210.7/5

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

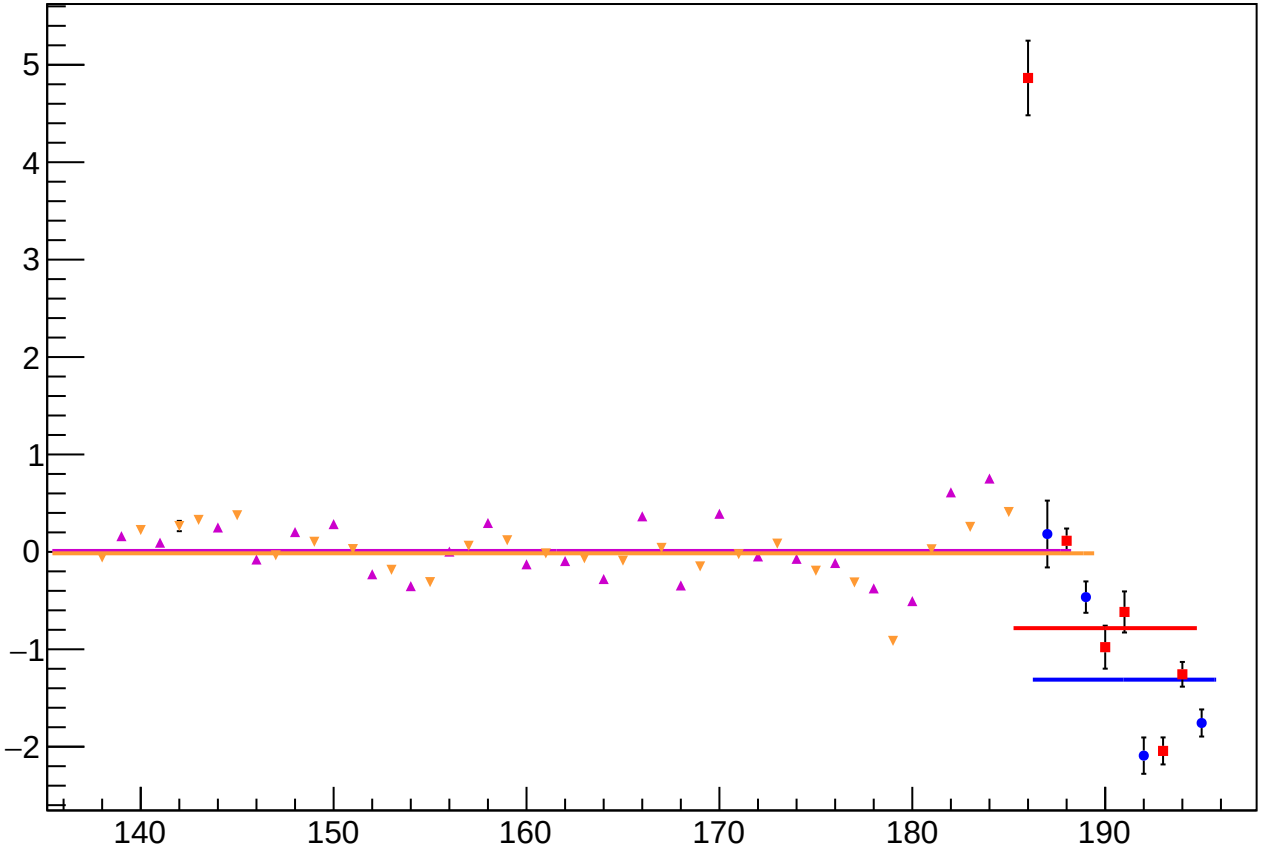
Right: 40.778+/-1.444 χ^2/NDF: 248.4/9

In: 53.639+/-0.142 χ^2/NDF:4691.9/26

Out: 54.343+/-0.140 χ^2/NDF:6444.5/30

All: 53.997+/-0.100 χ^2/NDF: 11148.8/57

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.312+/-0.089 χ^2/NDF: 74.4/3

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -0.783+/-0.066 χ^2/NDF: 366.1/5

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

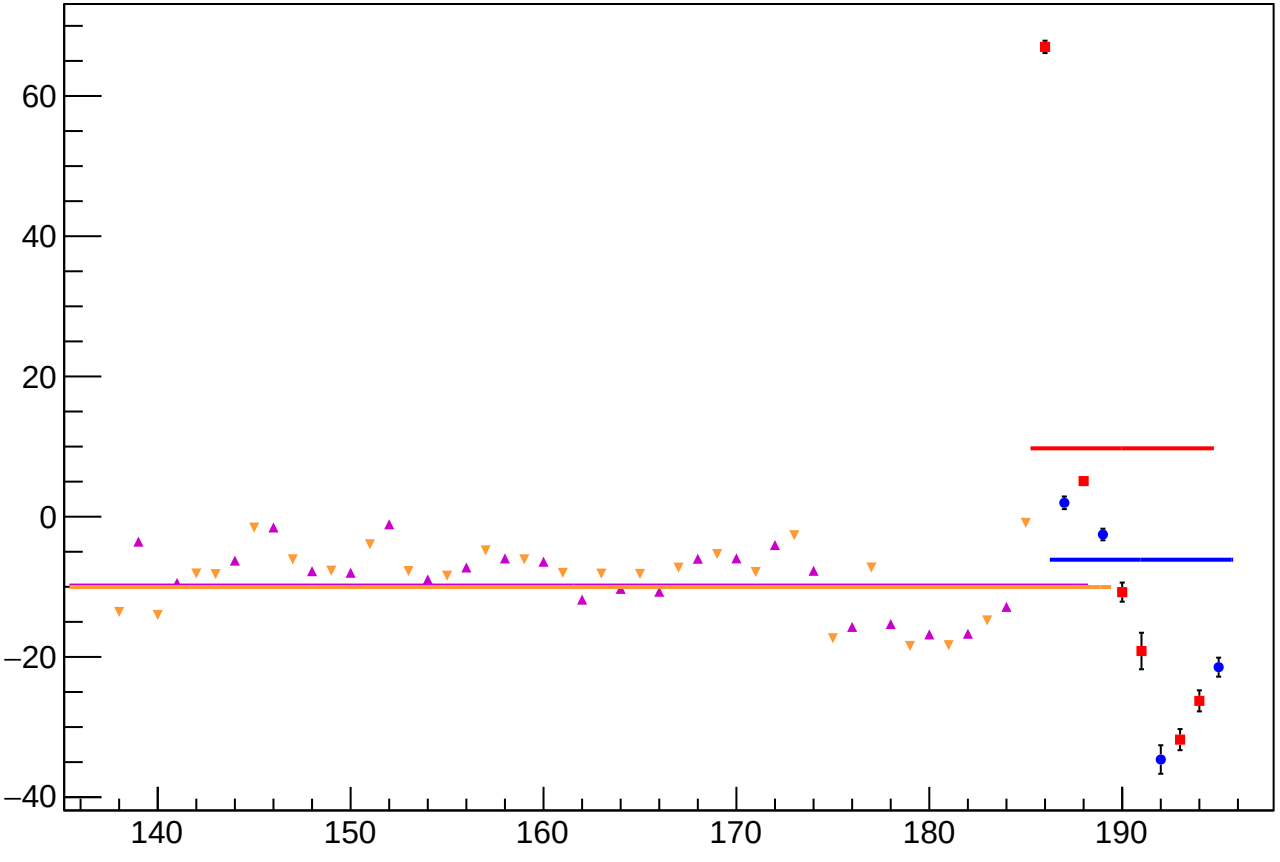
Right: -0.973+/-0.053 χ^2/NDF: 463.4/9

In: 0.002+/-0.007 χ^2/NDF:2524.6/26

Out: -0.022+/-0.006 χ^2/NDF:2144.8/30

All: -0.010+/-0.005 χ^2/NDF: 4676.3/57

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.133+/-0.537 χ^2/NDF: 423.2/3

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 9.750+/-0.356 χ^2/NDF: 5982.8/5

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

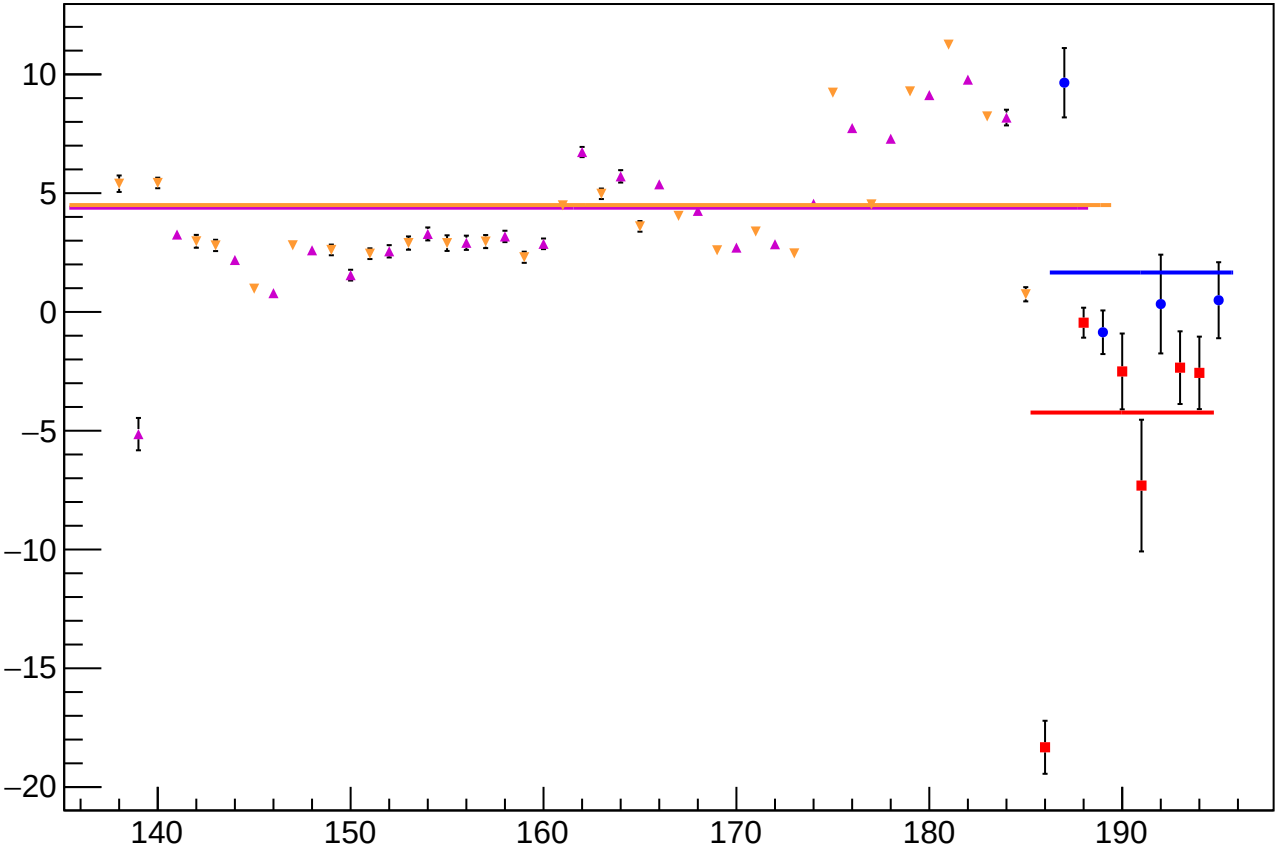
Right: 4.896+/-0.297 χ^2/NDF: 7013.8/9

In: -9.787+/-0.051 χ^2/NDF:9938.8/26

Out: -9.636+/-0.050 χ^2/NDF:21536.0/30

All: -9.711+/-0.036 χ^2/NDF: 31479.2/57

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.660+/-0.663 χ^2/NDF: 38.4/3

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -4.235+/-0.461 χ^2/NDF: 200.4/5

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

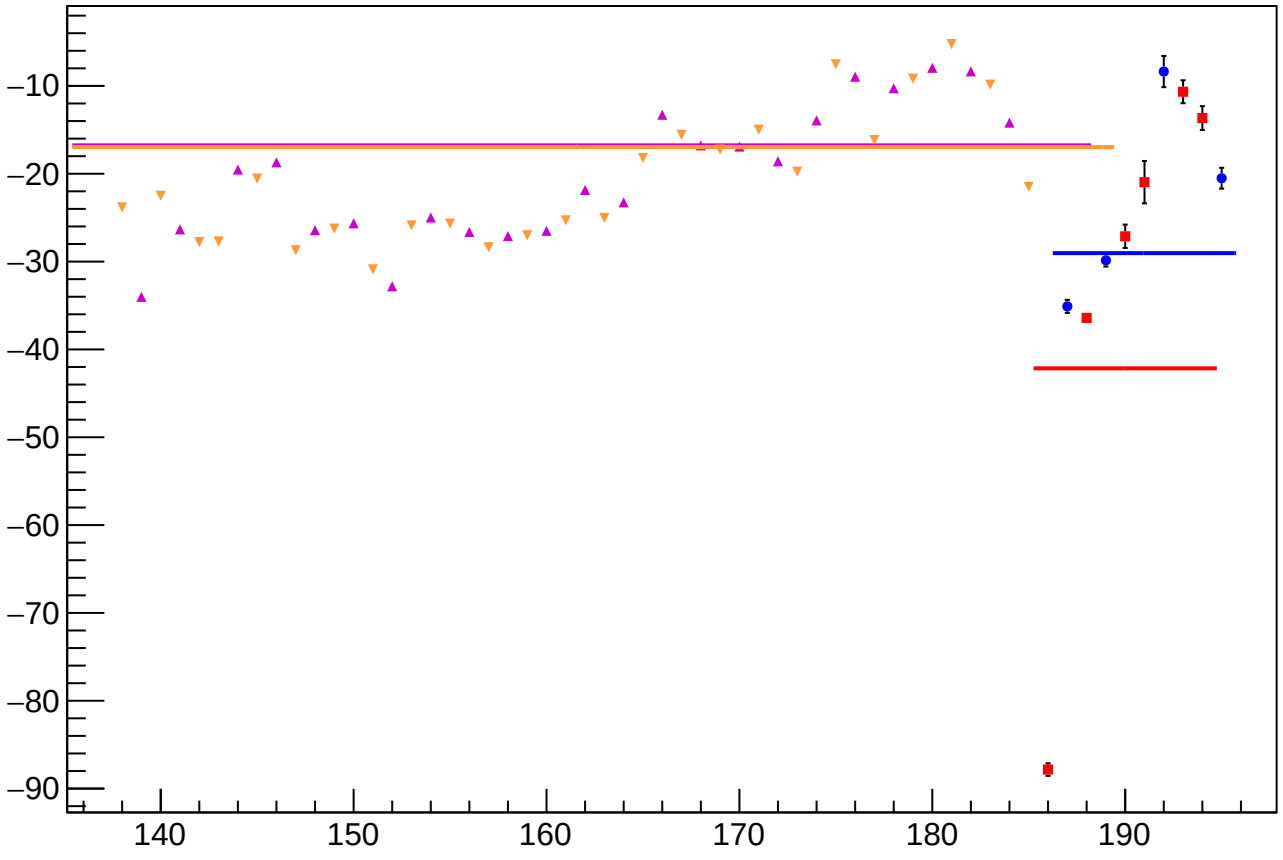
Right: -2.309+/-0.379 χ^2/NDF: 292.1/9

In: 4.377+/-0.041 χ^2/NDF:4321.7/26

Out: 4.431+/-0.041 χ^2/NDF:5365.1/30

All: 4.405+/-0.029 χ^2/NDF: 9687.7/57

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -29.037+/-0.455 χ^2/NDF: 255.7/3

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -42.153+/-0.294 χ^2/NDF: 5607.8/5

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

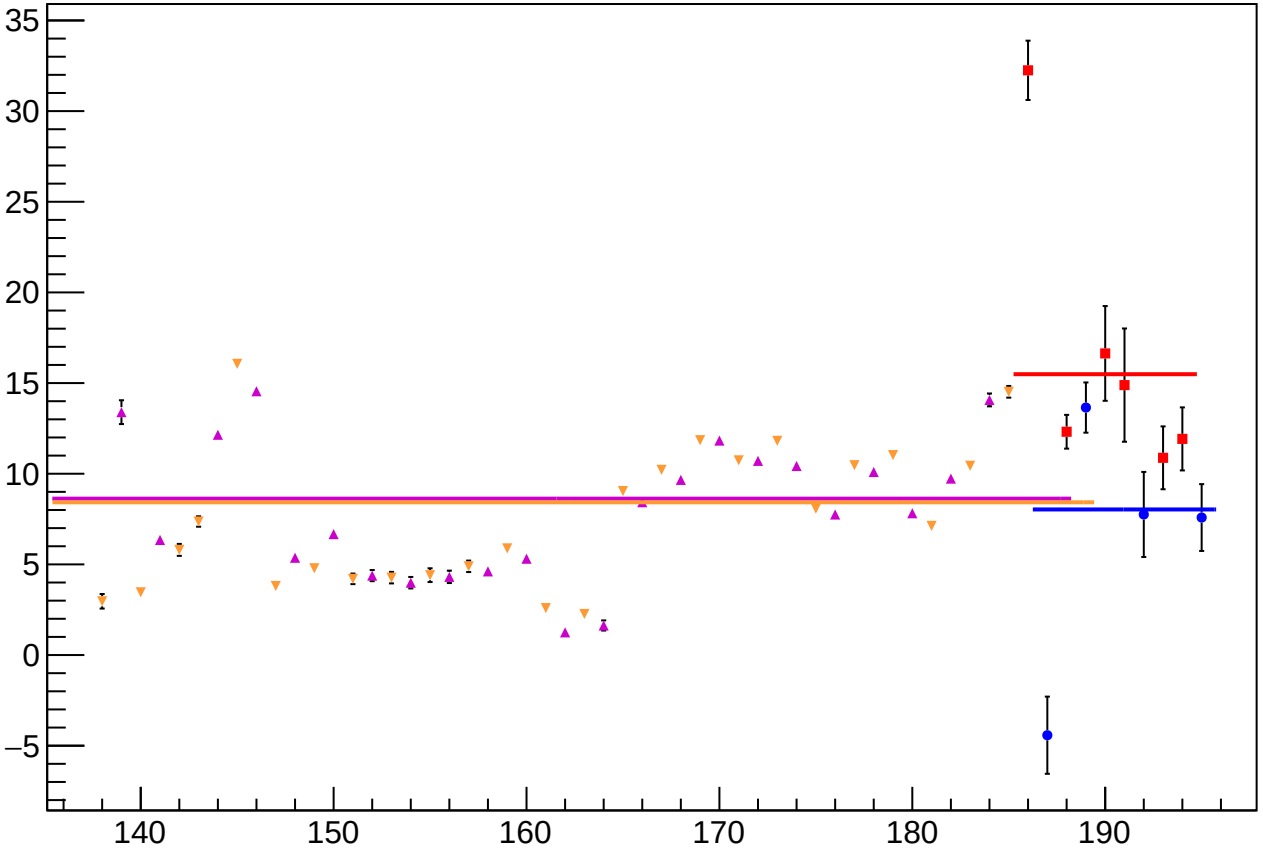
Right: -38.292+/-0.247 χ^2/NDF: 6449.8/9

In: -16.918+/-0.051 χ^2/NDF:20011.8/26

Out: -17.705+/-0.050 χ^2/NDF:34638.6/30

All: -17.317+/-0.036 χ^2/NDF: 54770.8/57

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.030+/-0.906 χ^2/NDF: 50.8/3

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 15.489+/-0.640 χ^2/NDF: 128.2/5

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

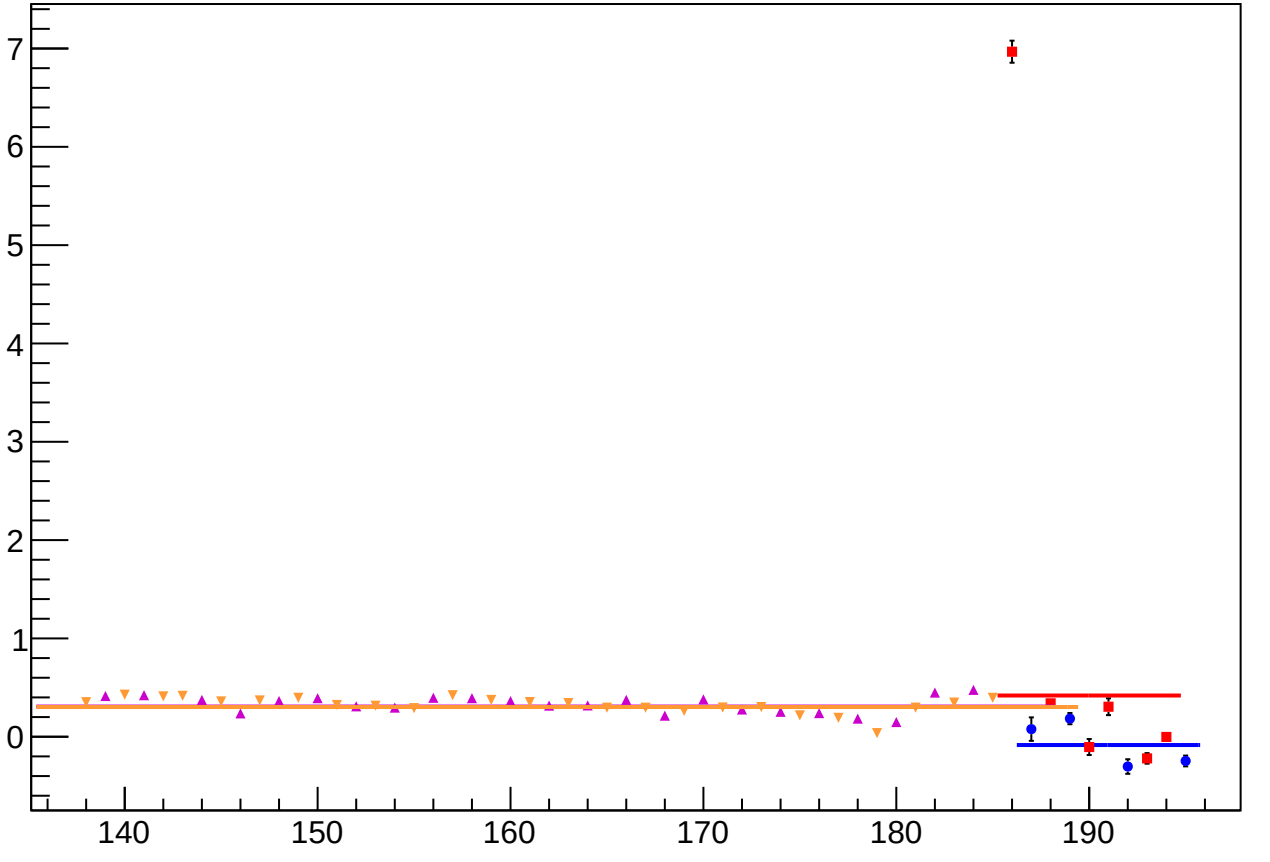
Right: 13.005+/-0.523 χ^2/NDF: 224.2/9

In: 8.624+/-0.046 χ^2/NDF:5583.1/26

Out: 8.460+/-0.046 χ^2/NDF:6727.9/30

All: 8.541+/-0.032 χ^2/NDF: 12317.5/57

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.084+/-0.034 χ^2/NDF: 41.2/3

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.419+/-0.025 χ^2/NDF: 3664.0/5

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

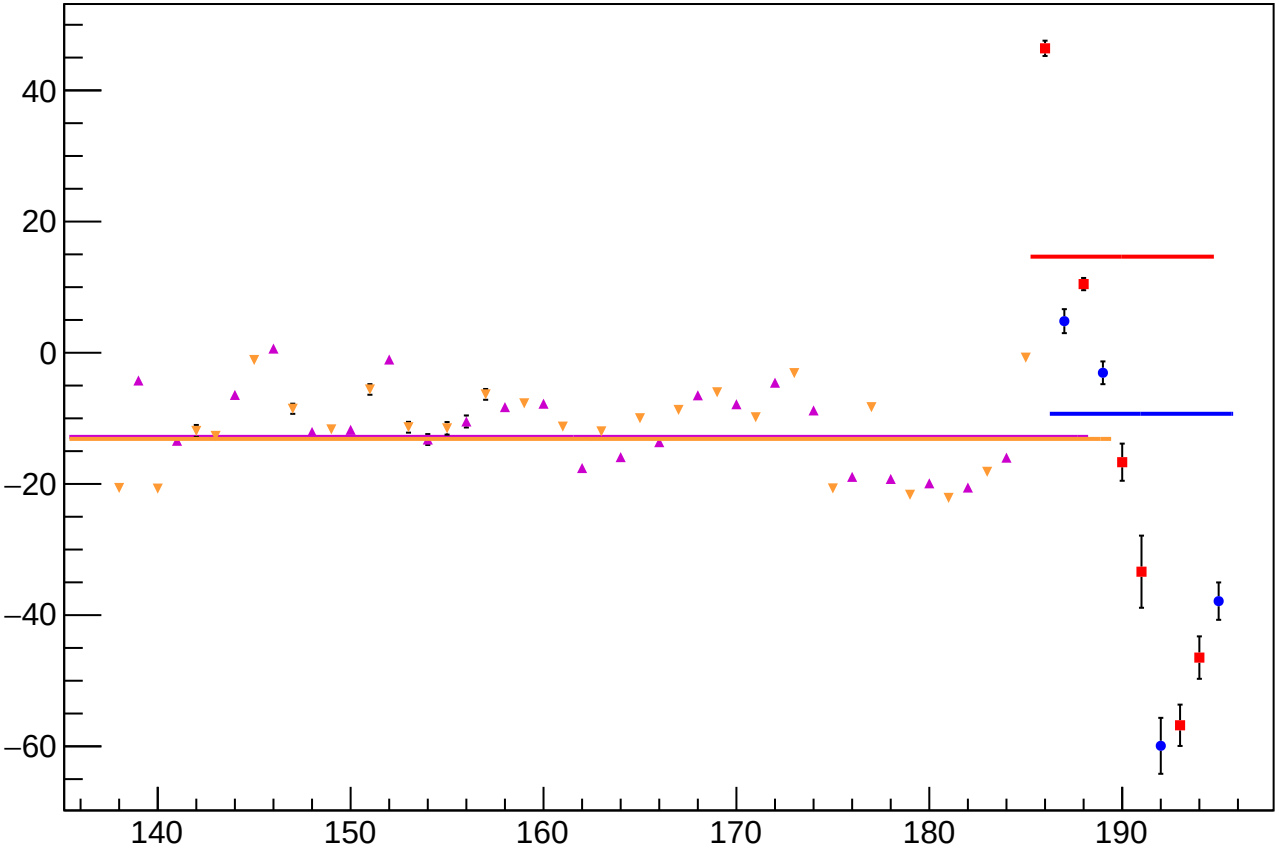
Right: 0.240+/-0.020 χ^2/NDF: 3850.1/9

In: 0.306+/-0.002 χ^2/NDF:1893.5/26

Out: 0.303+/-0.002 χ^2/NDF:5275.6/30

All: 0.304+/-0.001 χ^2/NDF: 7169.8/57

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.303+/-1.111 χ^2/NDF: 314.0/3

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 14.651+/-0.668 χ^2/NDF: 1831.2/5

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

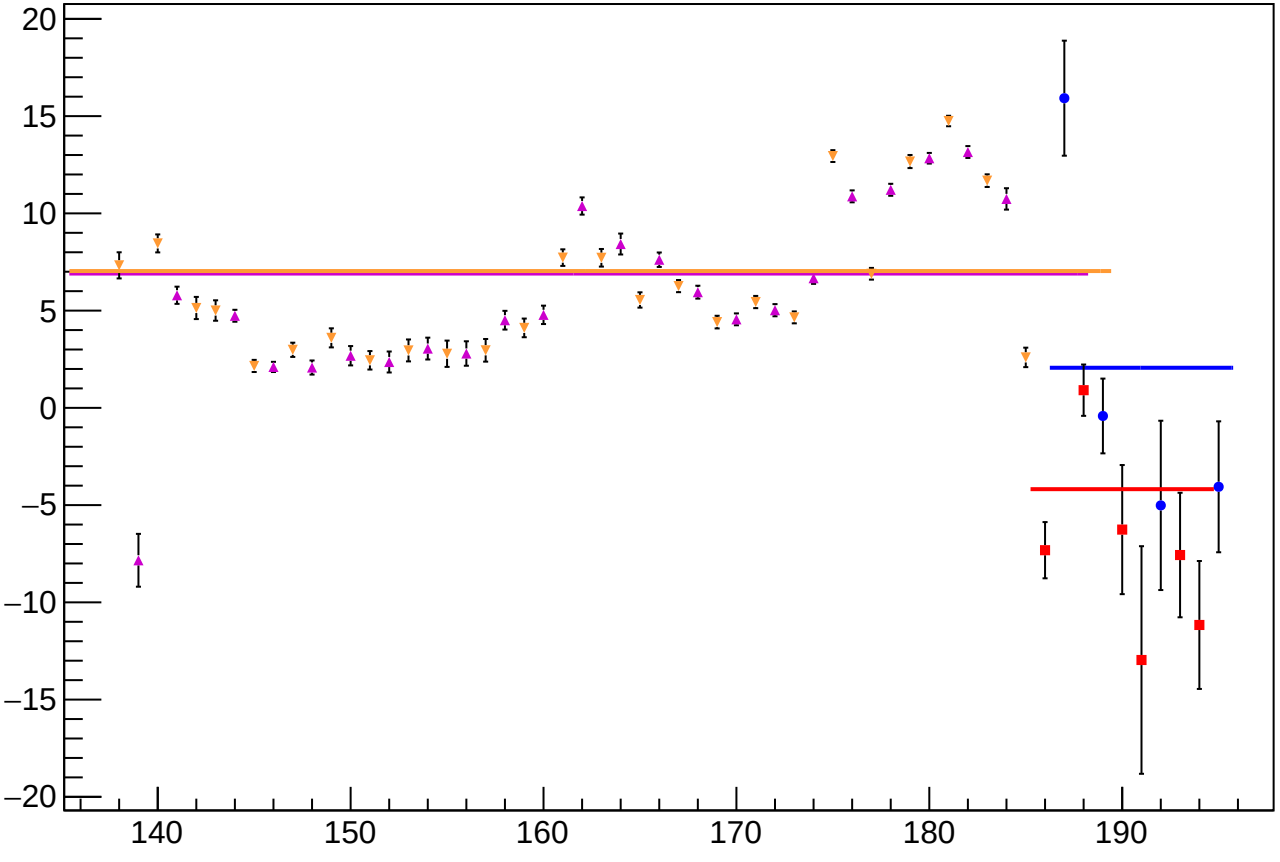
Right: 8.290+/-0.573 χ^2/NDF: 2486.4/9

In: -12.797+/-0.094 χ^2/NDF:5165.4/26

Out: -12.596+/-0.093 χ^2/NDF:9501.1/30

All: -12.695+/-0.066 χ^2/NDF: 14668.8/57

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.062+/-1.379 χ^2/NDF: 29.6/3

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -4.181+/-0.857 χ^2/NDF: 27.9/5

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

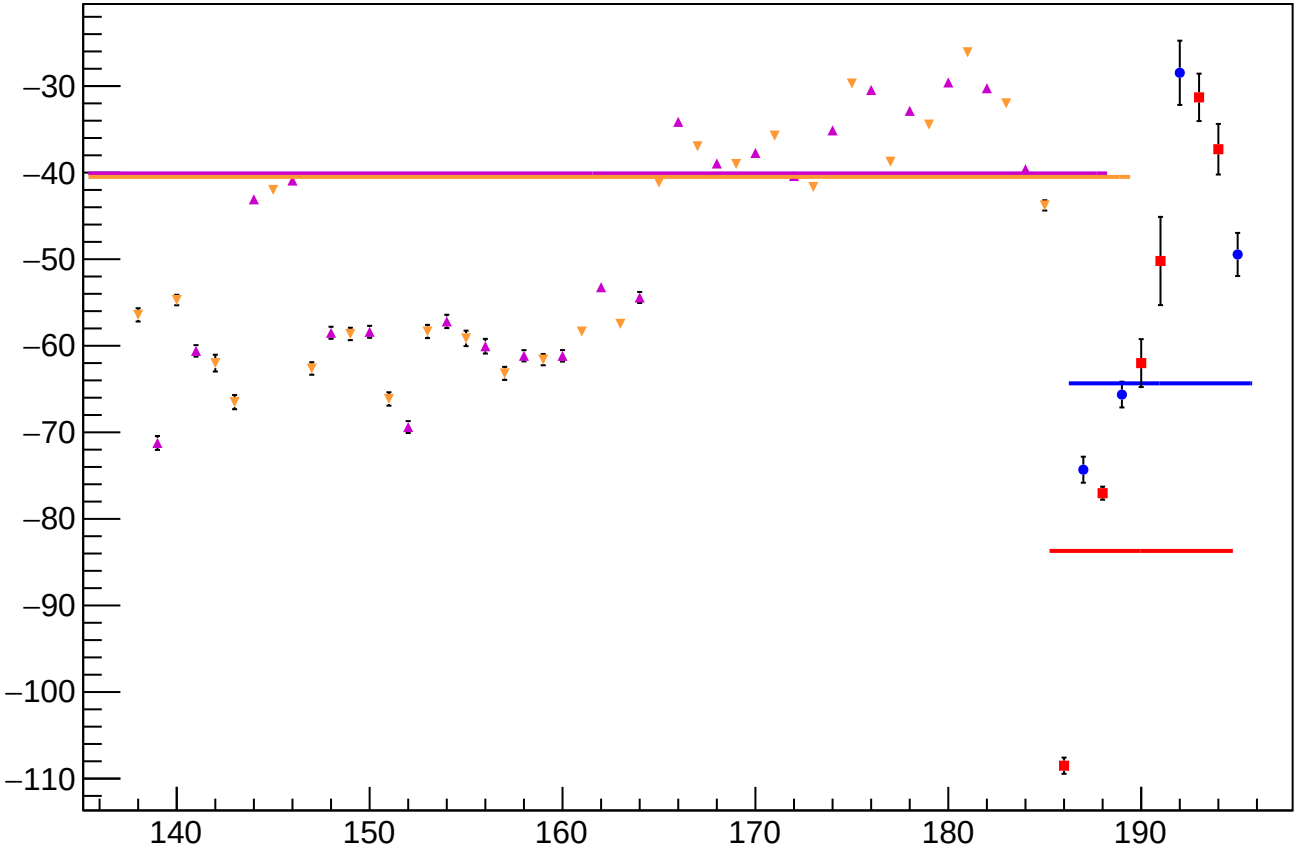
Right: -2.442+/-0.728 χ^2/NDF: 72.2/9

In: 6.891+/-0.077 χ^2/NDF:2484.7/26

Out: 6.943+/-0.077 χ^2/NDF:2855.4/30

All: 6.917+/-0.055 χ^2/NDF: 5340.3/57

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.341+/-0.941 χ^2/NDF: 173.9/3

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -83.699+/-0.548 χ^2/NDF: 1504.4/5

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

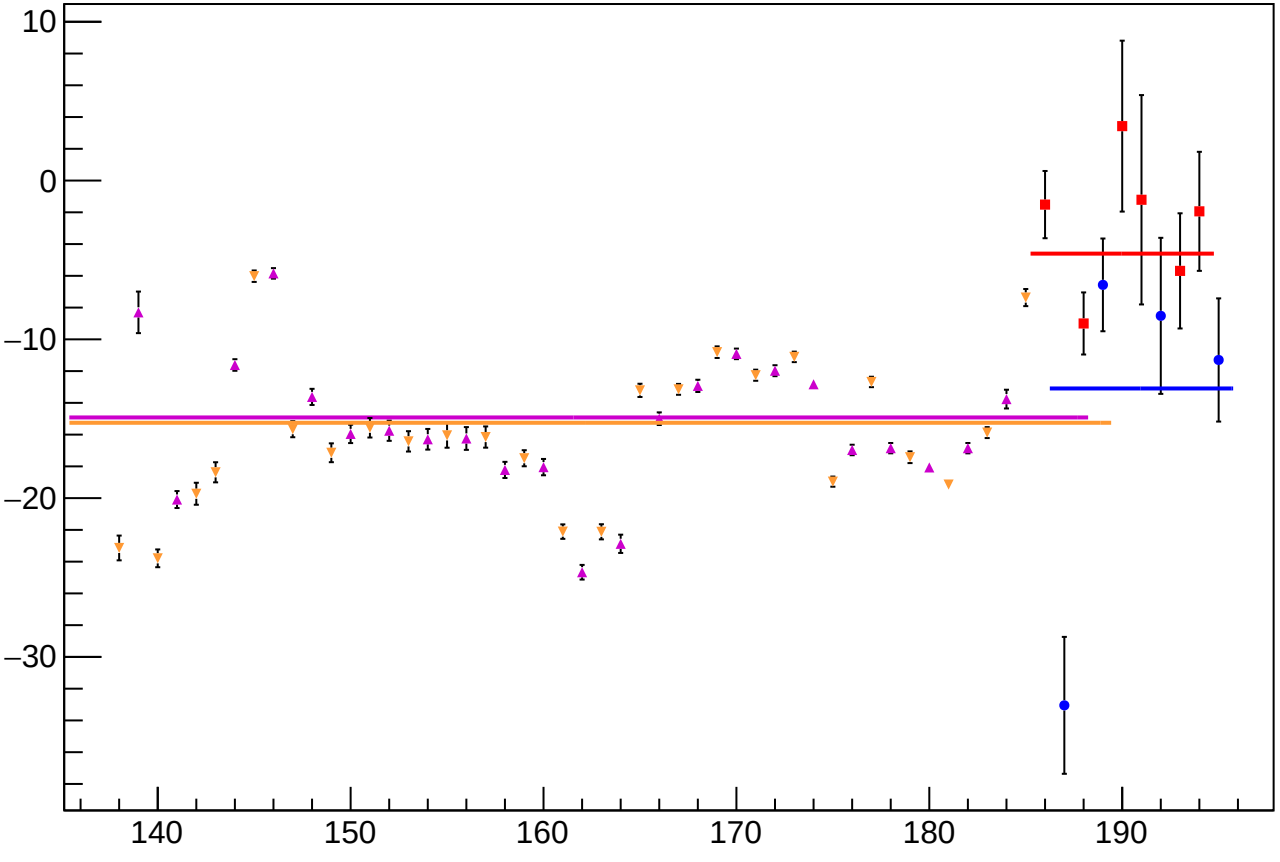
Right: -78.800+/-0.473 χ^2/NDF: 1994.4/9

In: -40.337+/-0.095 χ^2/NDF:14934.6/26

Out: -41.749+/-0.093 χ^2/NDF:22979.2/30

All: -41.053+/-0.067 χ^2/NDF: 38026.5/57

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.094+/-1.893 χ^2/NDF: 27.5/3

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.602+/-1.204 χ^2/NDF: 10.3/5

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

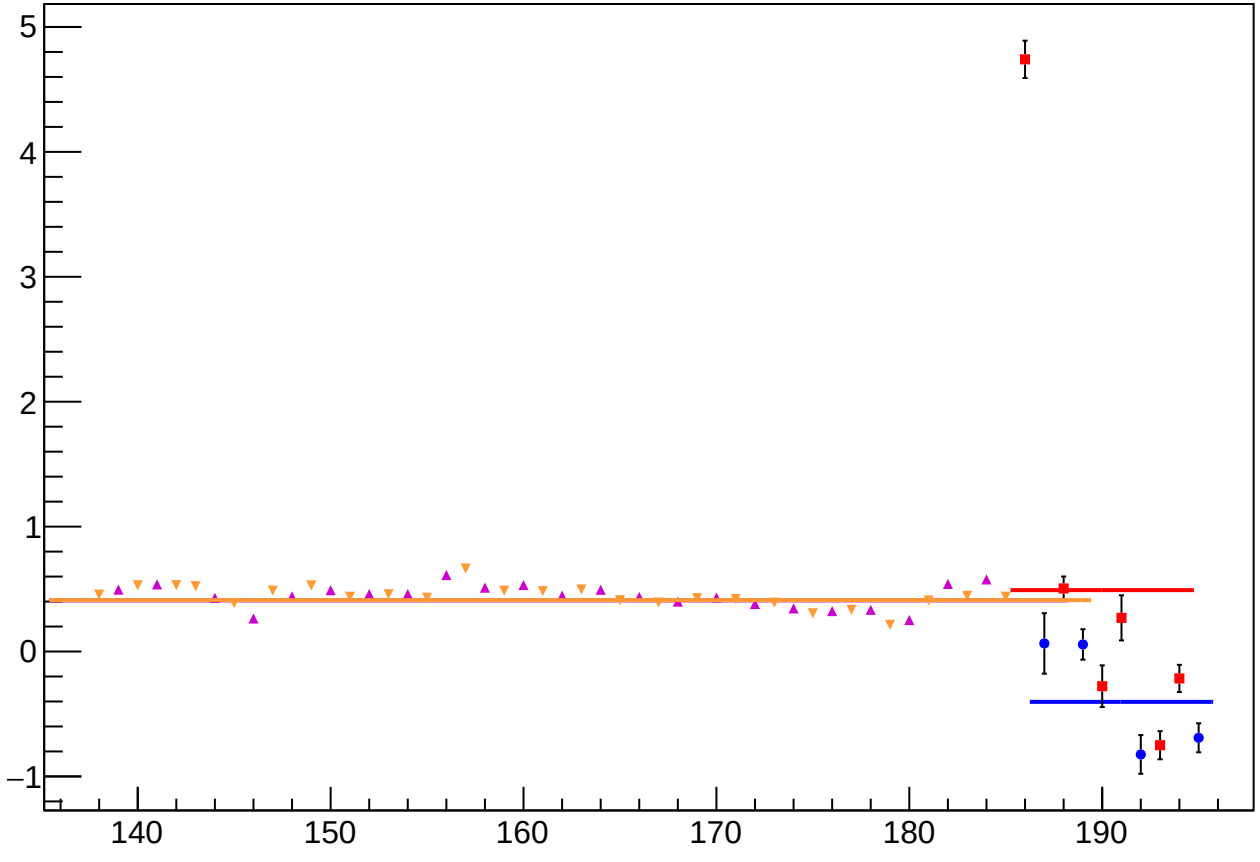
Right: -7.048+/-1.016 χ^2/NDF: 52.1/9

In: -14.915+/-0.086 χ^2/NDF:2236.2/26

Out: -15.200+/-0.086 χ^2/NDF:2682.5/30

All: -15.059+/-0.061 χ^2/NDF: 4924.1/57

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.403+/-0.071 χ^2/NDF: 31.5/3

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.492+/-0.051 χ^2/NDF: 995.8/5

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

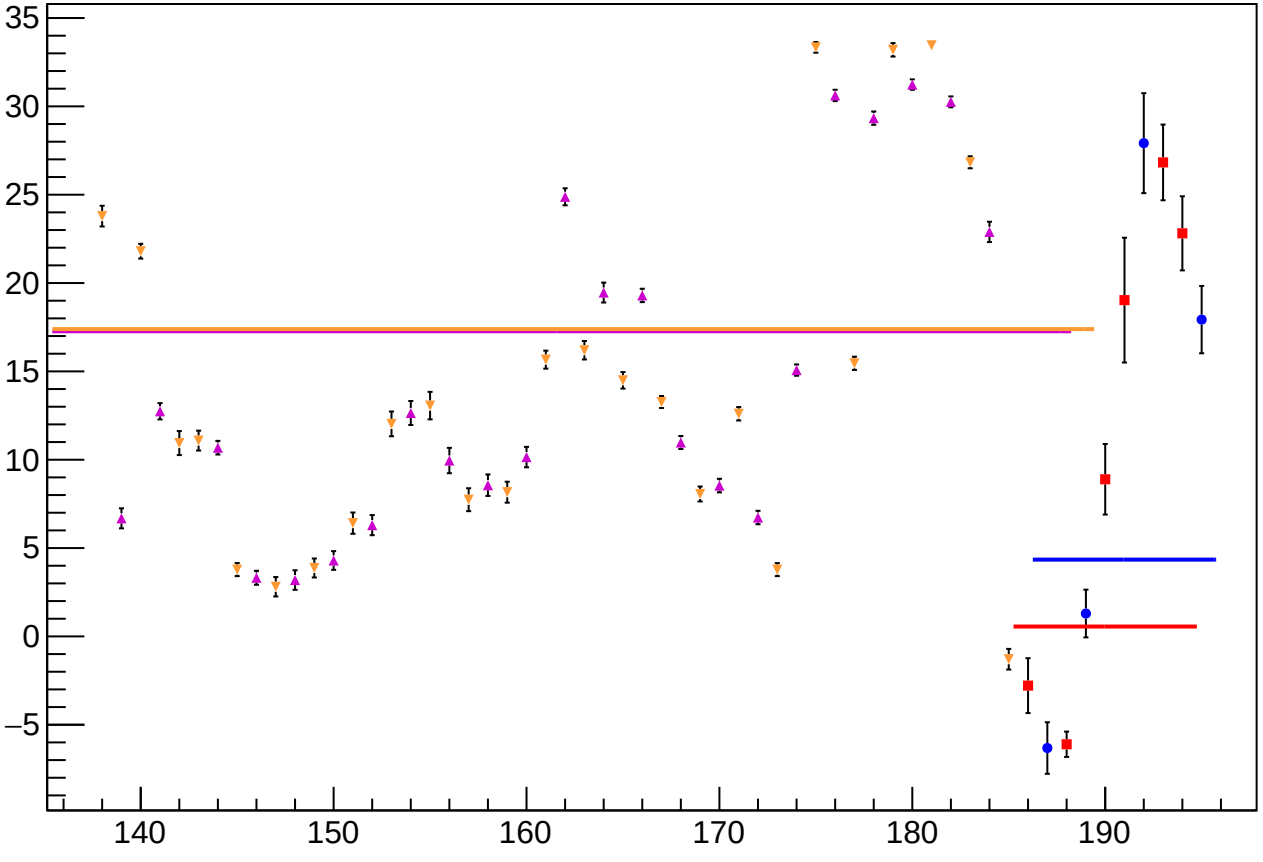
Right: 0.185+/-0.041 χ^2/NDF: 1132.5/9

In: 0.407+/-0.004 χ^2/NDF:725.1/26

Out: 0.412+/-0.004 χ^2/NDF:1427.0/30

All: 0.409+/-0.003 χ^2/NDF: 2152.9/57

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.346+/-0.840 χ^2/NDF: 178.8/3

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 0.558+/-0.565 χ^2/NDF: 398.8/5

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

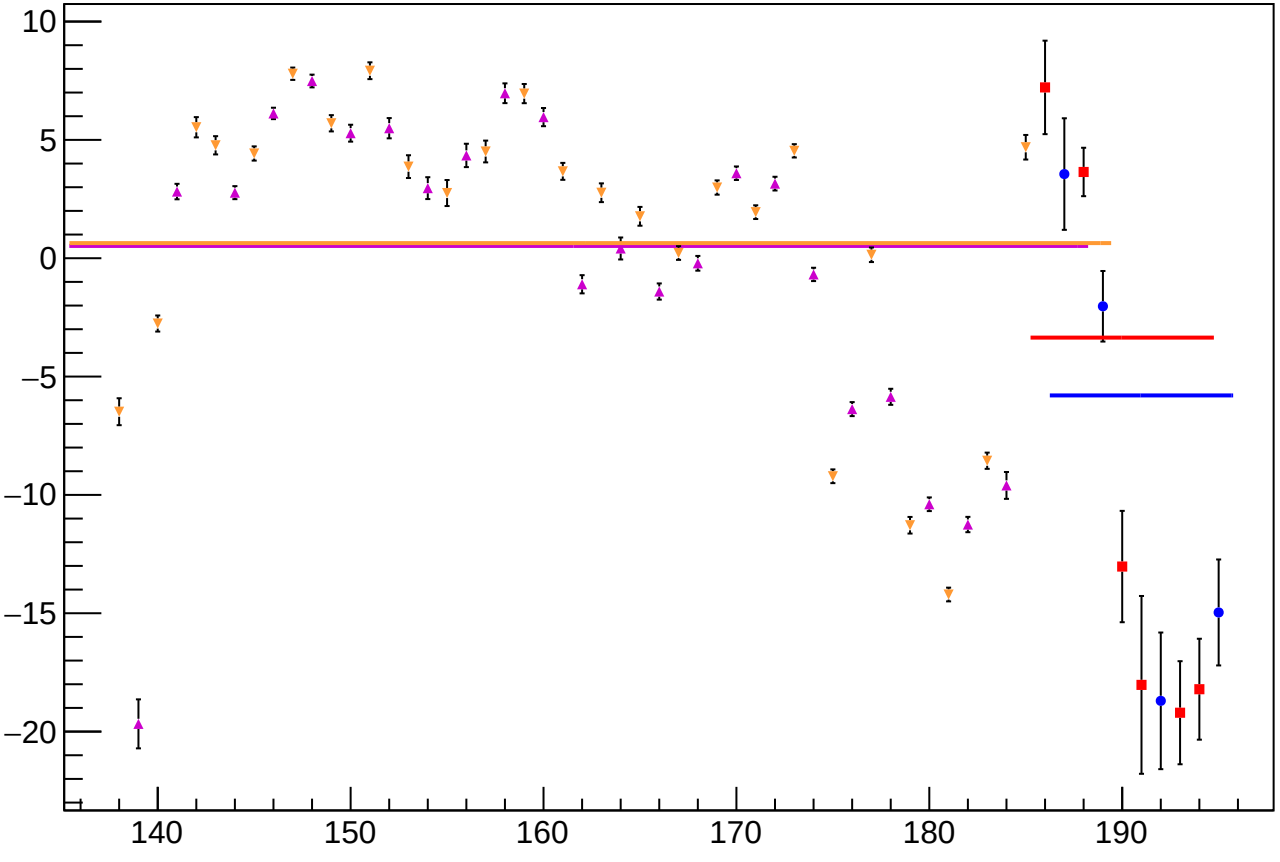
Right: 1.738+/-0.469 χ^2/NDF: 591.6/9

In: 17.129+/-0.088 χ^2/NDF:13305.2/26

Out: 17.001+/-0.086 χ^2/NDF:17572.8/30

All: 17.063+/-0.062 χ^2/NDF: 30879.1/57

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.797+/-1.026 χ^2/NDF: 58.9/3

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -3.354+/-0.727 χ^2/NDF: 209.2/5

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

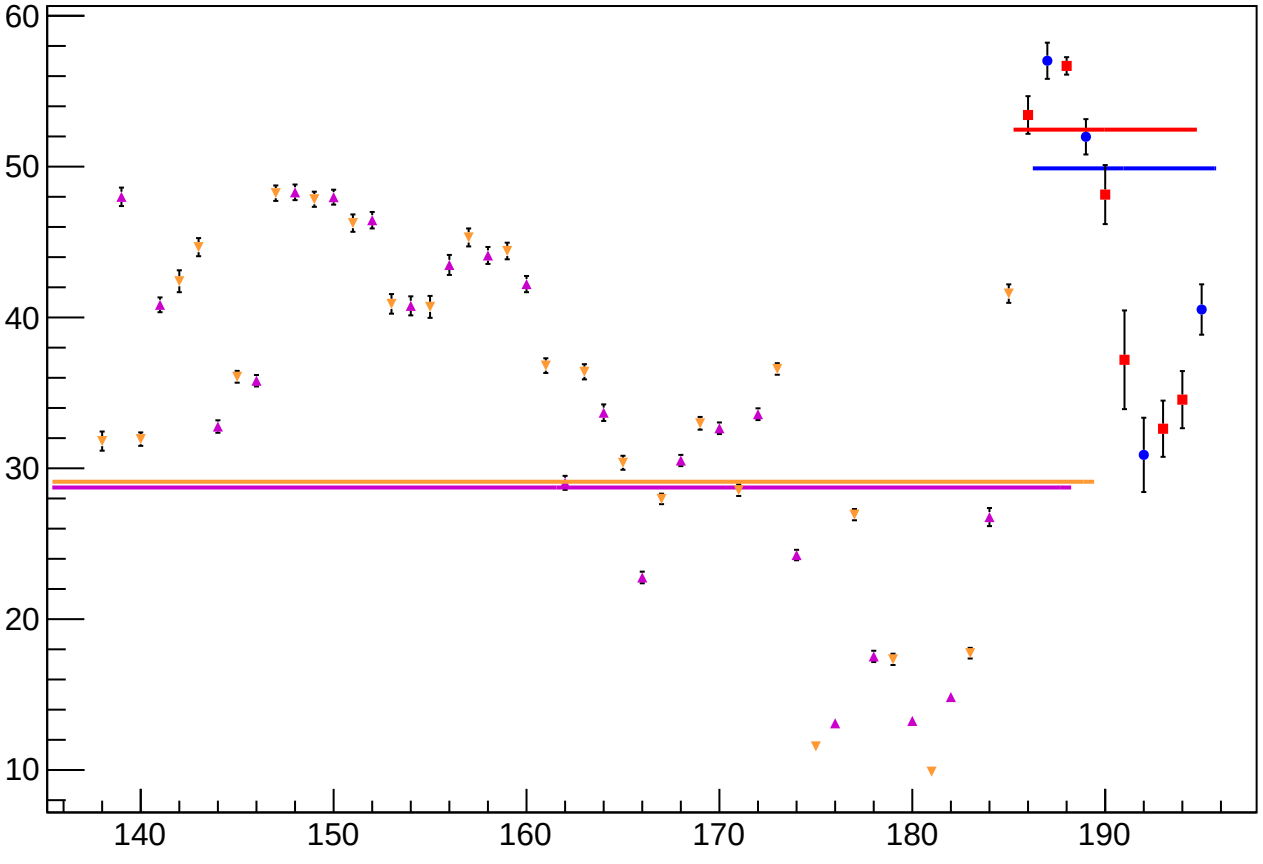
Right: -4.170+/-0.593 χ^2/NDF: 271.8/9

In: 0.489+/-0.070 χ^2/NDF:6873.4/26

Out: 0.603+/-0.069 χ^2/NDF:8754.0/30

All: 0.547+/-0.049 χ^2/NDF: 15628.7/57

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.885+/-0.716 χ^2/NDF: 129.5/3

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 52.451+/-0.469 χ^2/NDF: 283.2/5

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

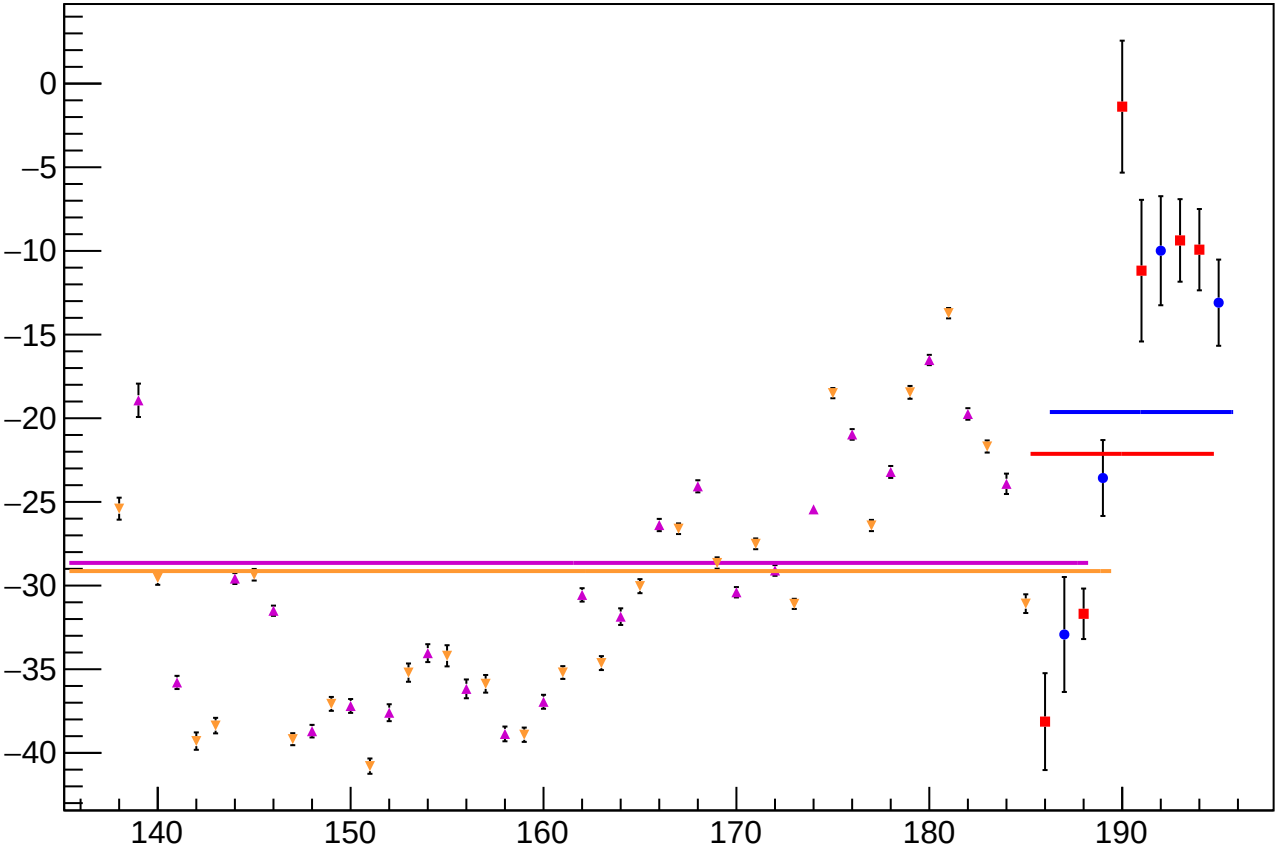
Right: 51.682+/-0.392 χ^2/NDF: 421.6/9

In: 29.048+/-0.088 χ^2/NDF:18025.7/26

Out: 29.903+/-0.086 χ^2/NDF:21524.1/30

All: 29.484+/-0.062 χ^2/NDF: 39597.8/57

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.628+/-1.382 χ^2/NDF: 33.2/3

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -22.127+/-0.994 χ^2/NDF: 157.0/5

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

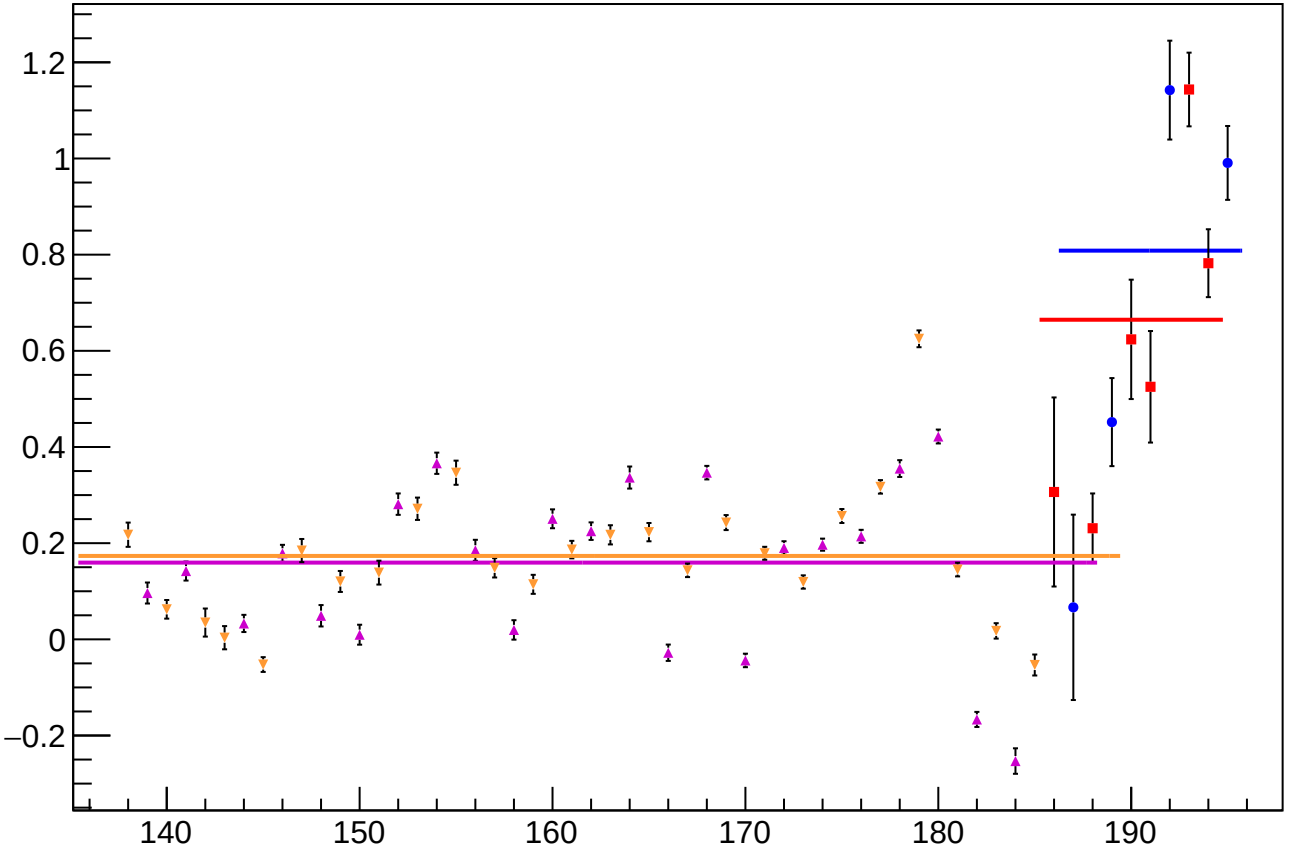
Right: -21.275+/-0.807 χ^2/NDF: 192.4/9

In: -28.615+/-0.079 χ^2/NDF:6769.1/26

Out: -29.091+/-0.078 χ^2/NDF:9204.4/30

All: -28.857+/-0.056 χ^2/NDF: 15991.8/57

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.808+/-0.049 χ^2/NDF: 46.2/3

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.665+/-0.037 χ^2/NDF: 82.6/5

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

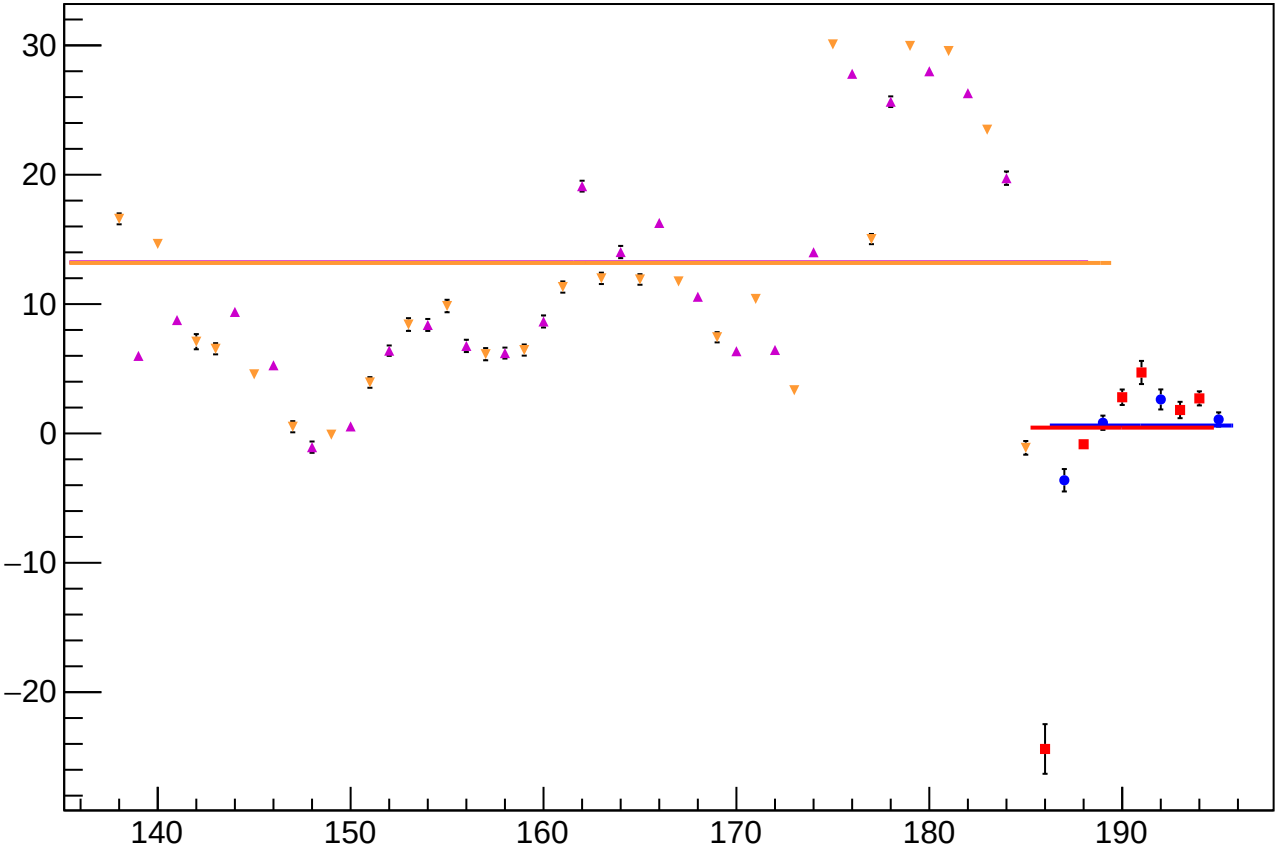
Right: 0.716+/-0.030 χ^2/NDF: 134.2/9

In: 0.163+/-0.004 χ^2/NDF:2281.7/26

Out: 0.178+/-0.004 χ^2/NDF:1725.3/30

All: 0.171+/-0.003 χ^2/NDF: 4015.6/57

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.612+/-0.323 χ^2/NDF: 31.4/3

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.450+/-0.210 χ^2/NDF: 248.3/5

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

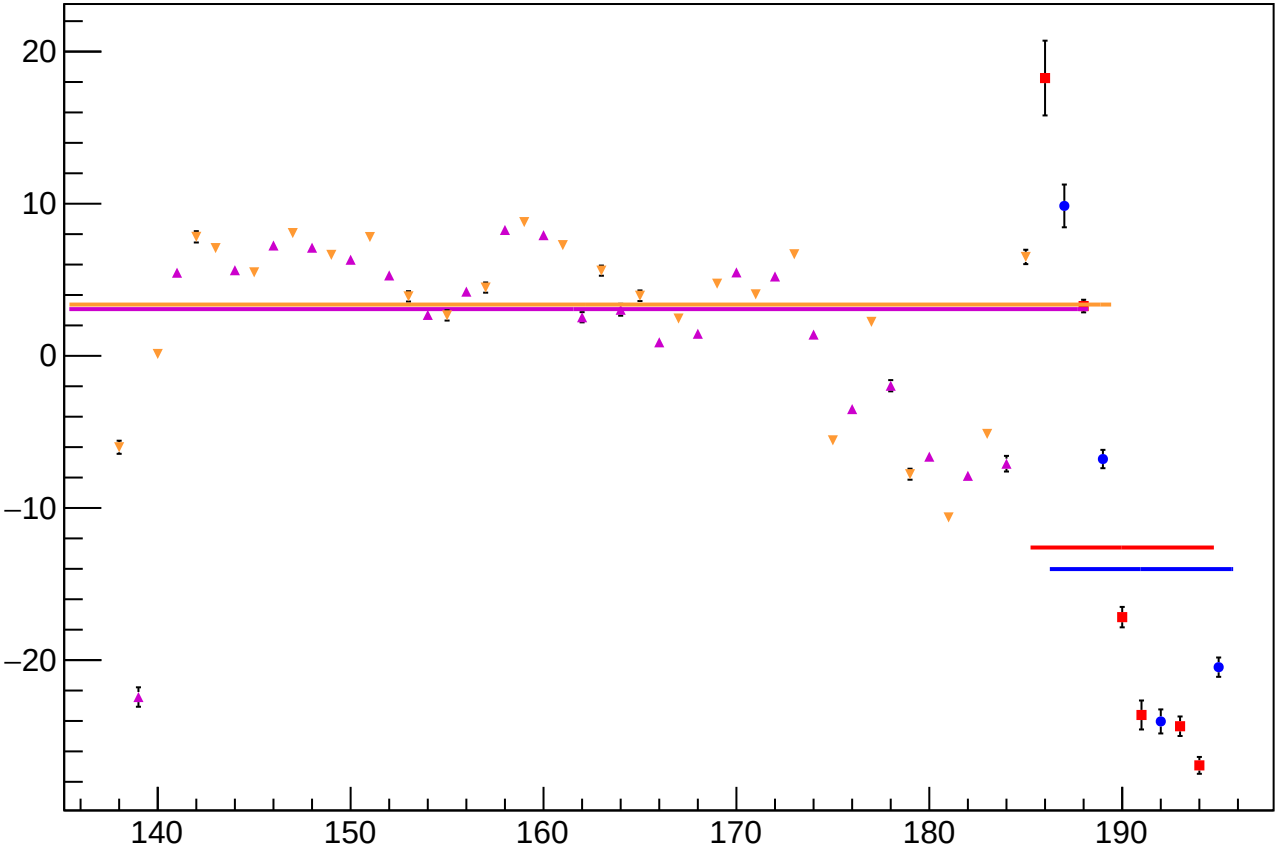
Right: 0.498+/-0.176 χ^2/NDF: 279.9/9

In: 12.555+/-0.075 χ^2/NDF:15604.0/26

Out: 11.722+/-0.071 χ^2/NDF:20555.7/30

All: 12.118+/-0.051 χ^2/NDF: 36225.0/57

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -14.017+/-0.369 χ^2/NDF: 696.3/3

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -12.599+/-0.258 χ^2/NDF: 2808.4/5

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

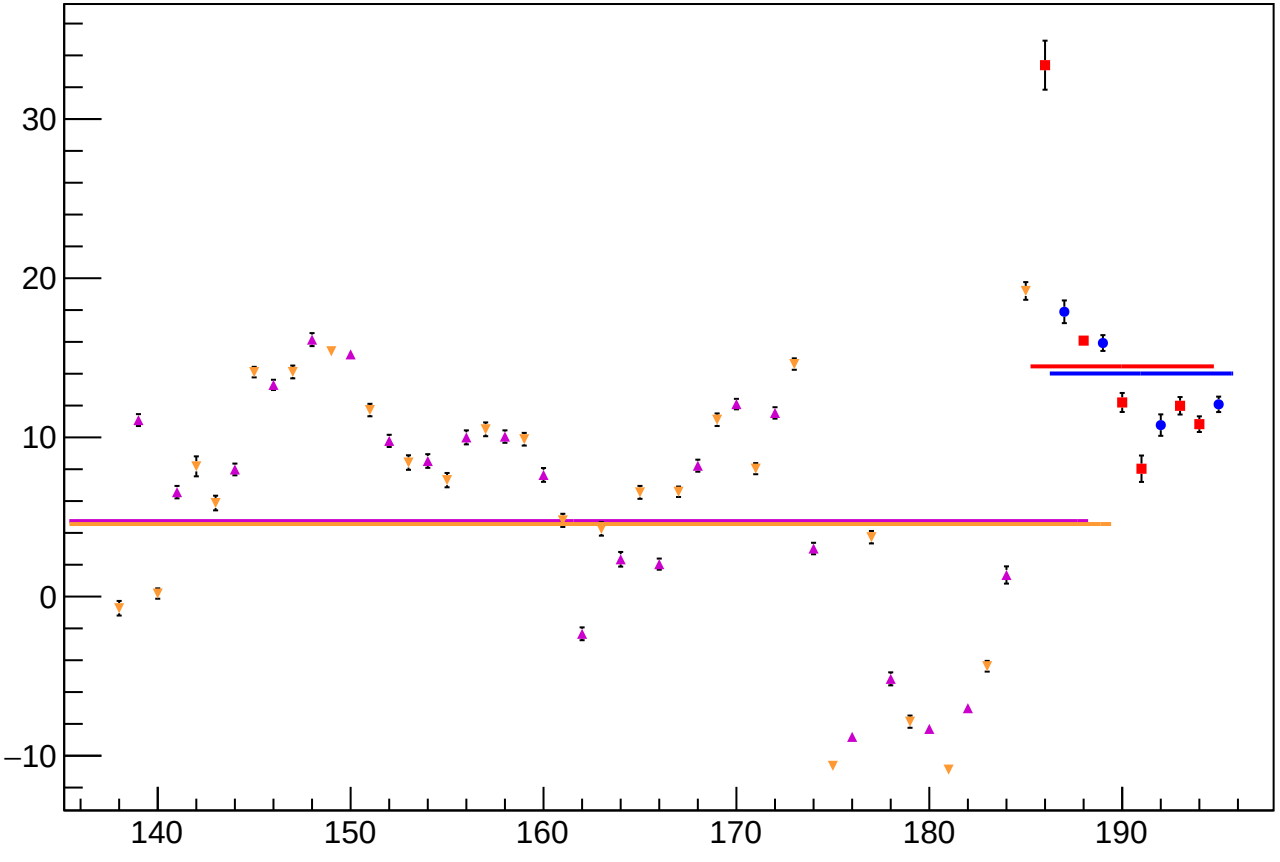
Right: -13.065+/-0.212 χ^2/NDF: 3514.7/9

In: 2.626+/-0.060 χ^2/NDF:10053.0/26

Out: 2.591+/-0.057 χ^2/NDF:14501.5/30

All: 2.608+/-0.041 χ^2/NDF: 24554.7/57

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 14.014+/-0.283 χ^2/NDF: 83.5/3

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.462+/-0.179 χ^2/NDF: 350.4/5

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

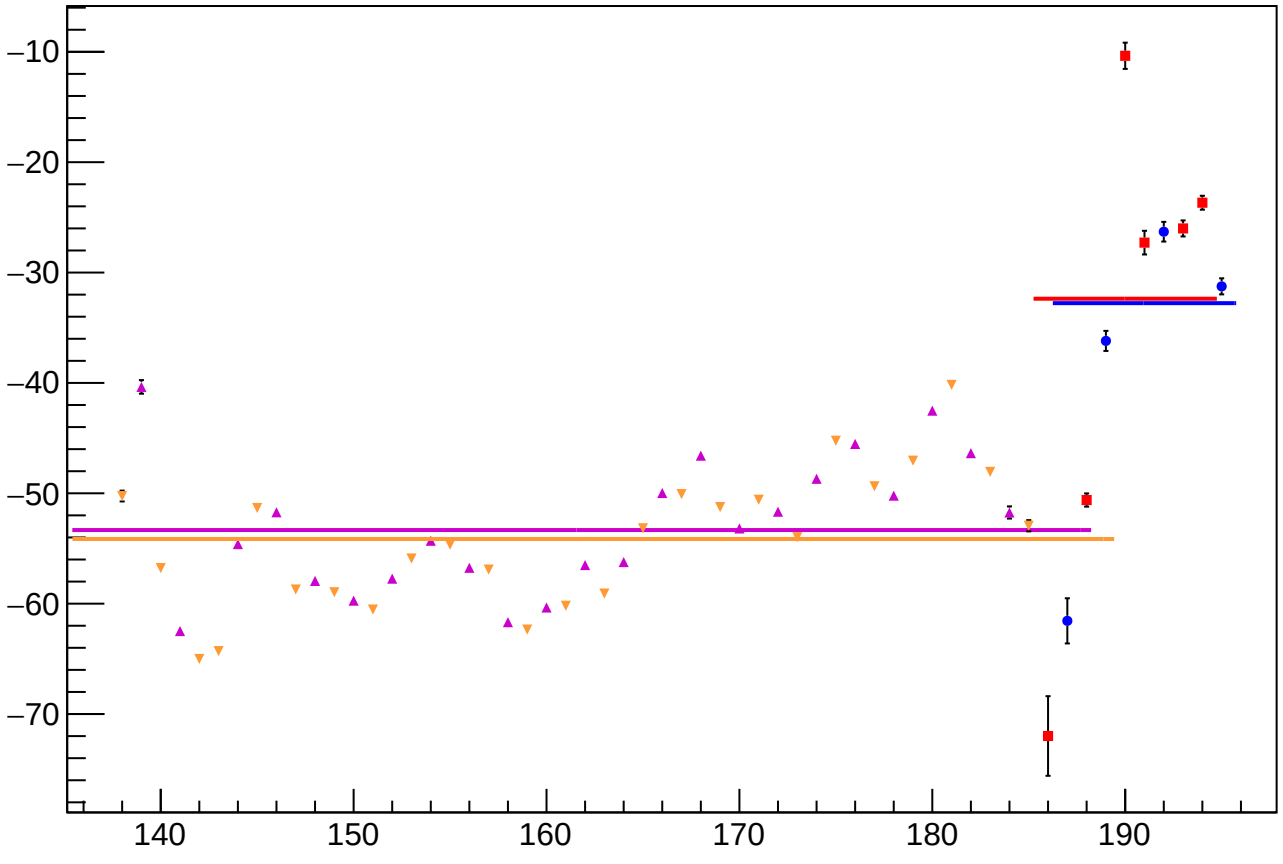
Right: 14.334+/-0.151 χ^2/NDF: 435.7/9

In: 5.370+/-0.074 χ^2/NDF:12501.0/26

Out: 6.056+/-0.070 χ^2/NDF:16540.7/30

All: 5.733+/-0.051 χ^2/NDF: 29087.4/57

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.772+/-0.467 χ^2/NDF: 269.0/3

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -32.370+/-0.336 χ^2/NDF: 1680.2/5

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

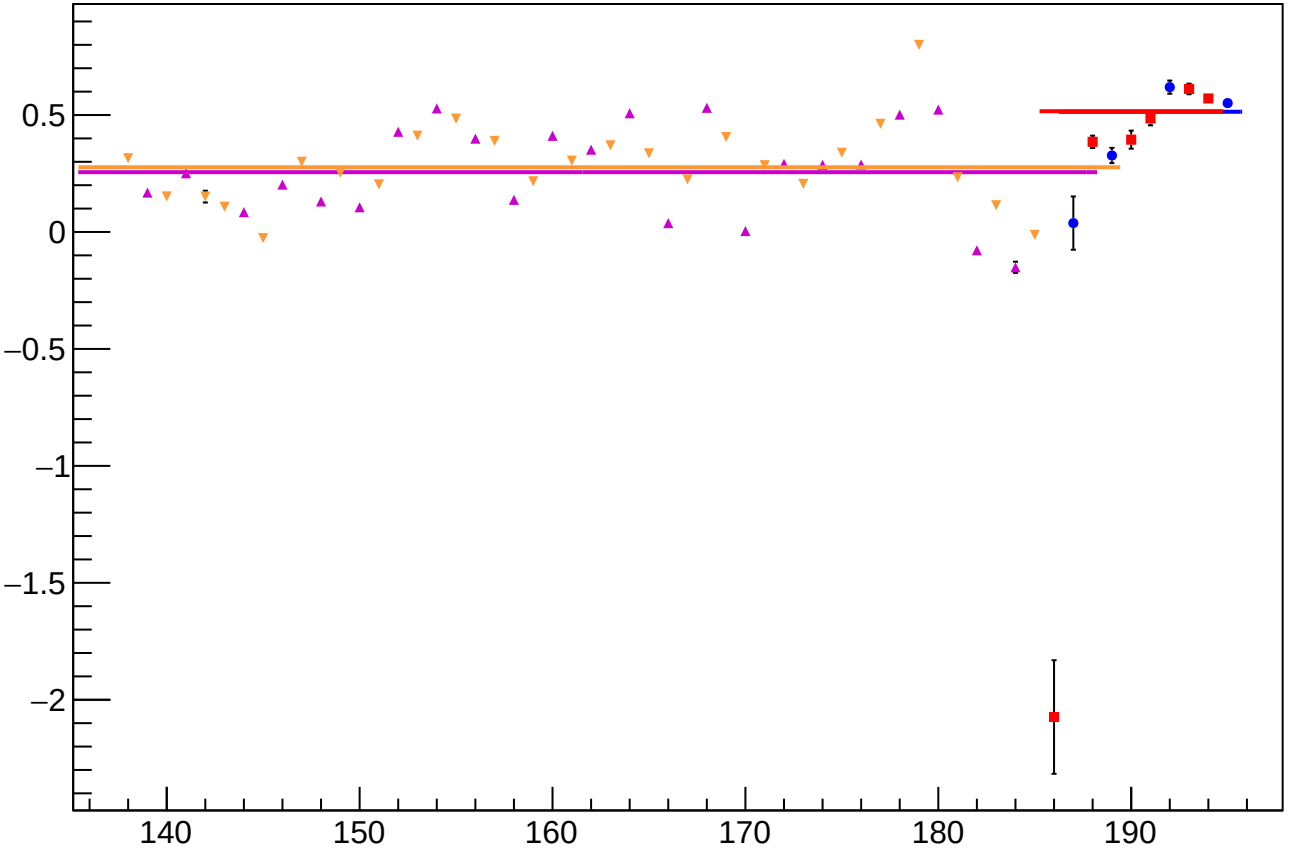
Right: -32.507+/-0.273 χ^2/NDF: 1949.7/9

In: -52.900+/-0.068 χ^2/NDF:9109.7/26

Out: -53.318+/-0.065 χ^2/NDF:14014.8/30

All: -53.116+/-0.047 χ^2/NDF: 23144.4/57

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.514+/-0.015 χ^2/NDF: 67.3/3

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.516+/-0.011 χ^2/NDF: 176.2/5

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

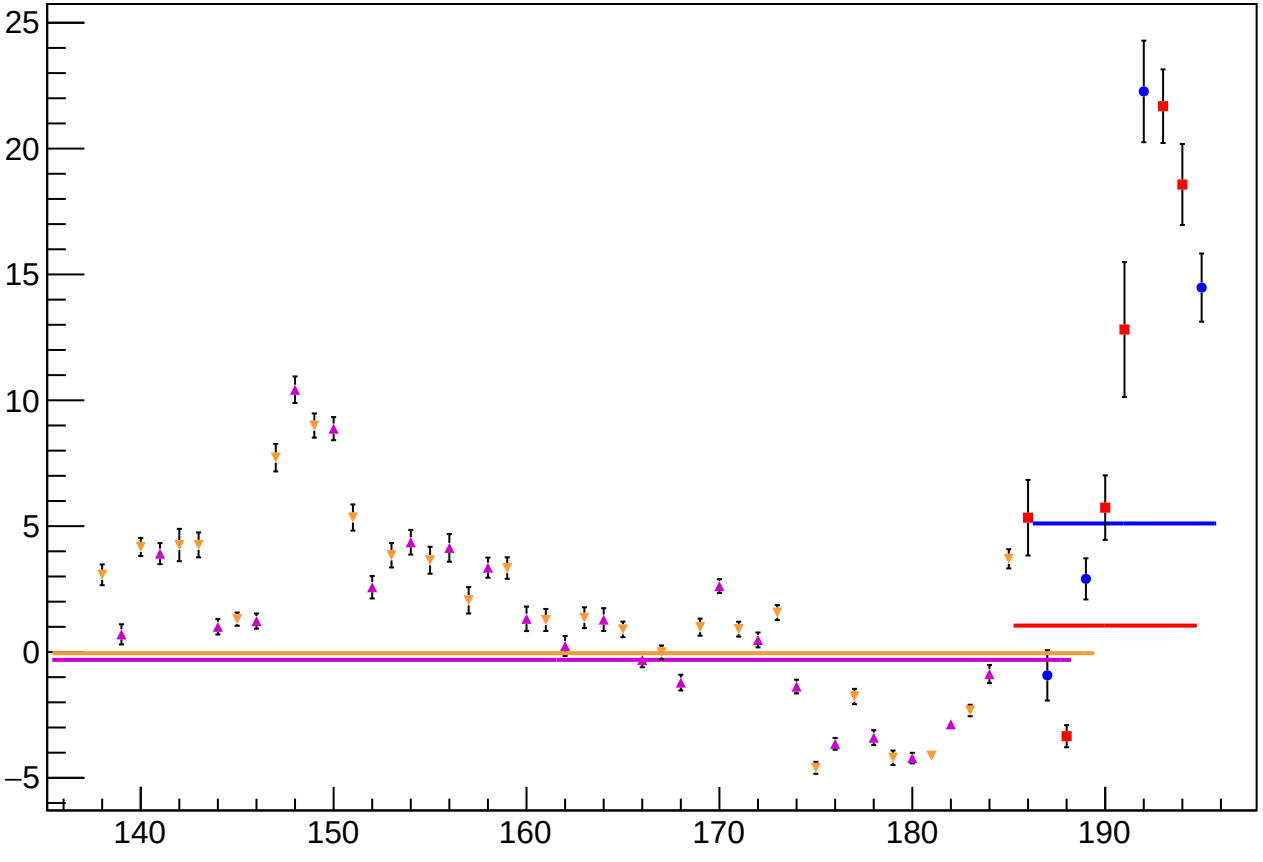
Right: 0.515+/-0.009 χ^2/NDF: 243.6/9

In: 0.266+/-0.003 χ^2/NDF:3995.3/26

Out: 0.294+/-0.003 χ^2/NDF:3220.6/30

All: 0.280+/-0.002 χ^2/NDF: 7259.0/57

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.107+/-0.552 χ^2/NDF: 163.9/3

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 1.049+/-0.372 χ^2/NDF: 458.7/5

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

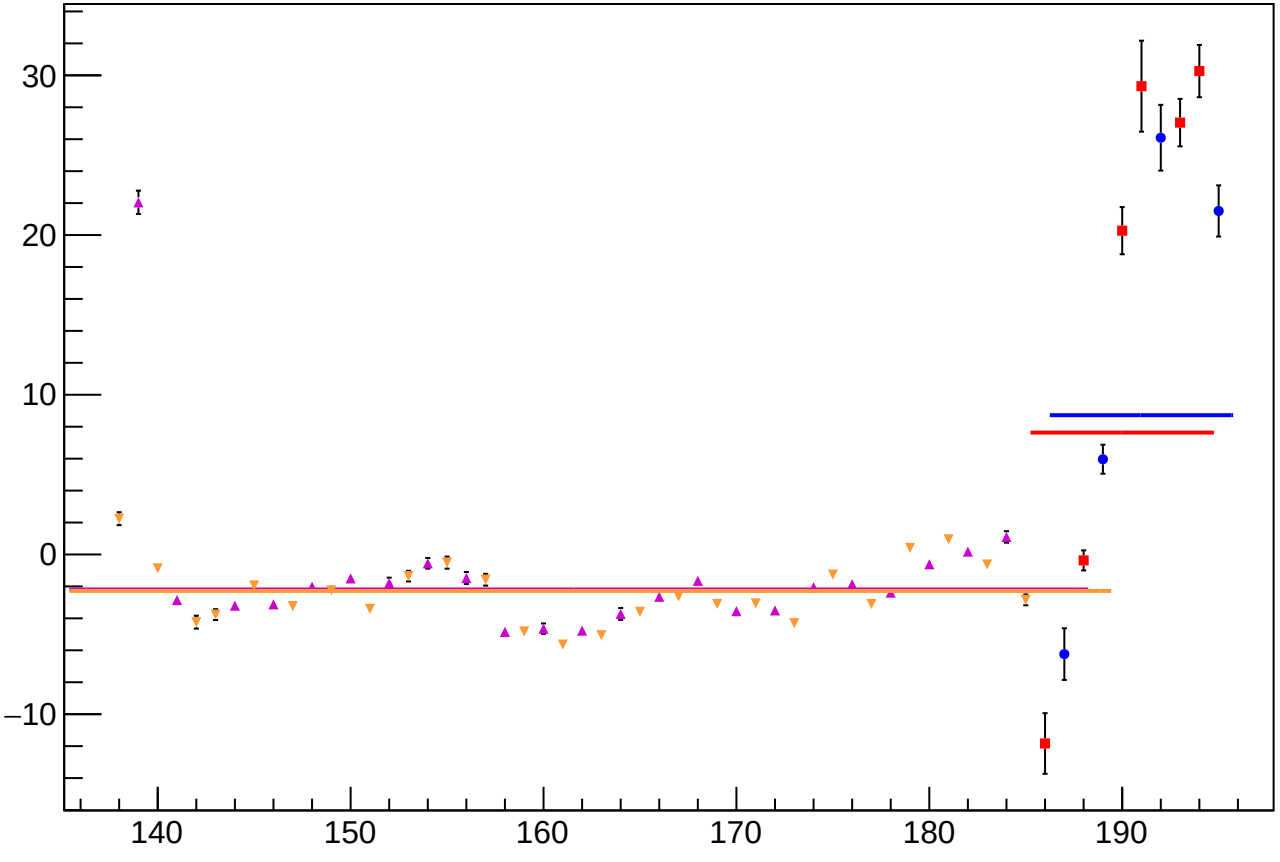
Right: 2.317+/-0.308 χ^2/NDF: 659.8/9

In: -0.233+/-0.067 χ^2/NDF:2511.7/26

Out: -0.012+/-0.065 χ^2/NDF:3096.0/30

All: -0.120+/-0.047 χ^2/NDF: 5613.3/57

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.721+/-0.671 χ^2/NDF: 229.5/3

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 7.633+/-0.487 χ^2/NDF: 760.8/5

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

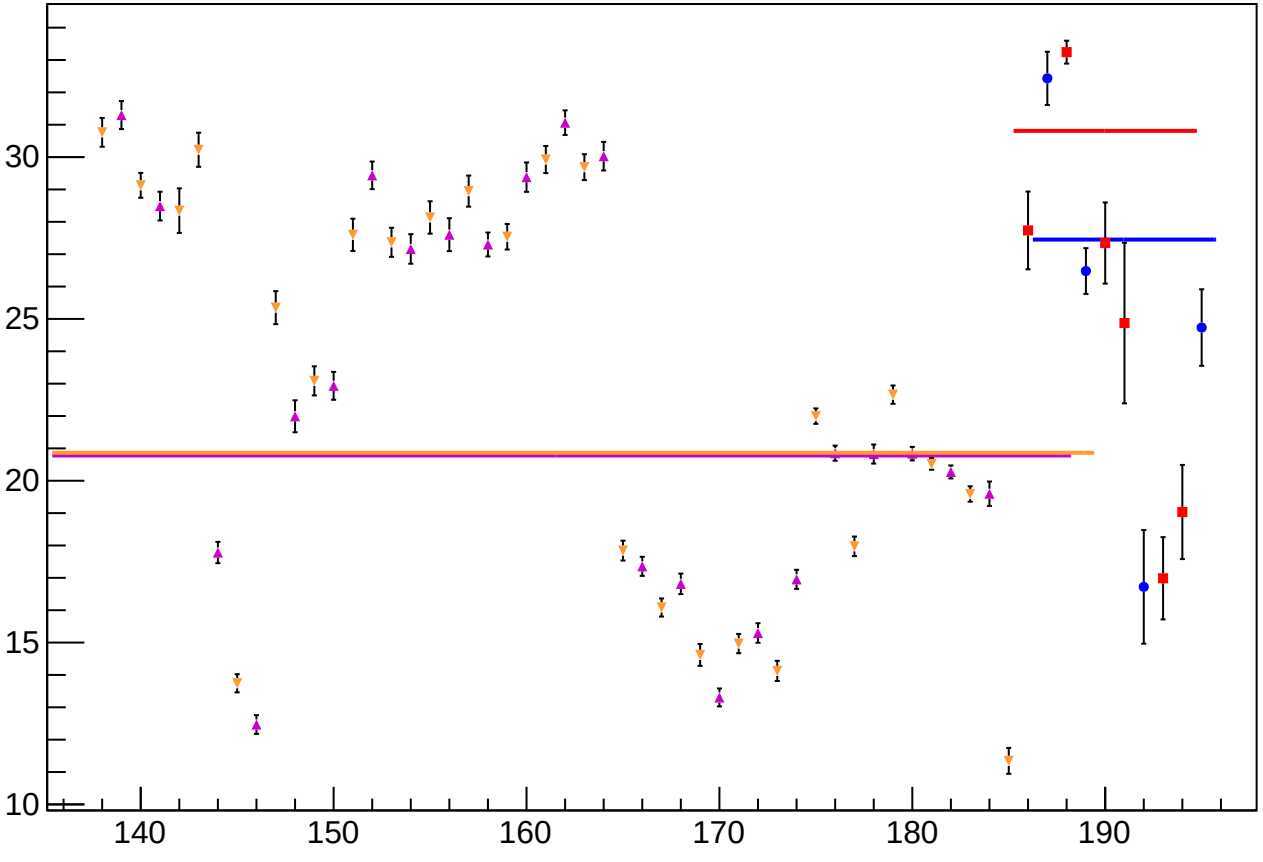
Right: 8.008+/-0.394 χ^2/NDF: 992.0/9

In: -2.117+/-0.055 χ^2/NDF:2277.5/26

Out: -2.161+/-0.054 χ^2/NDF:2303.0/30

All: -2.140+/-0.038 χ^2/NDF: 4580.8/57

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.452+/-0.470 χ^2/NDF: 81.2/3

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 30.810+/-0.308 χ^2/NDF: 251.0/5

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

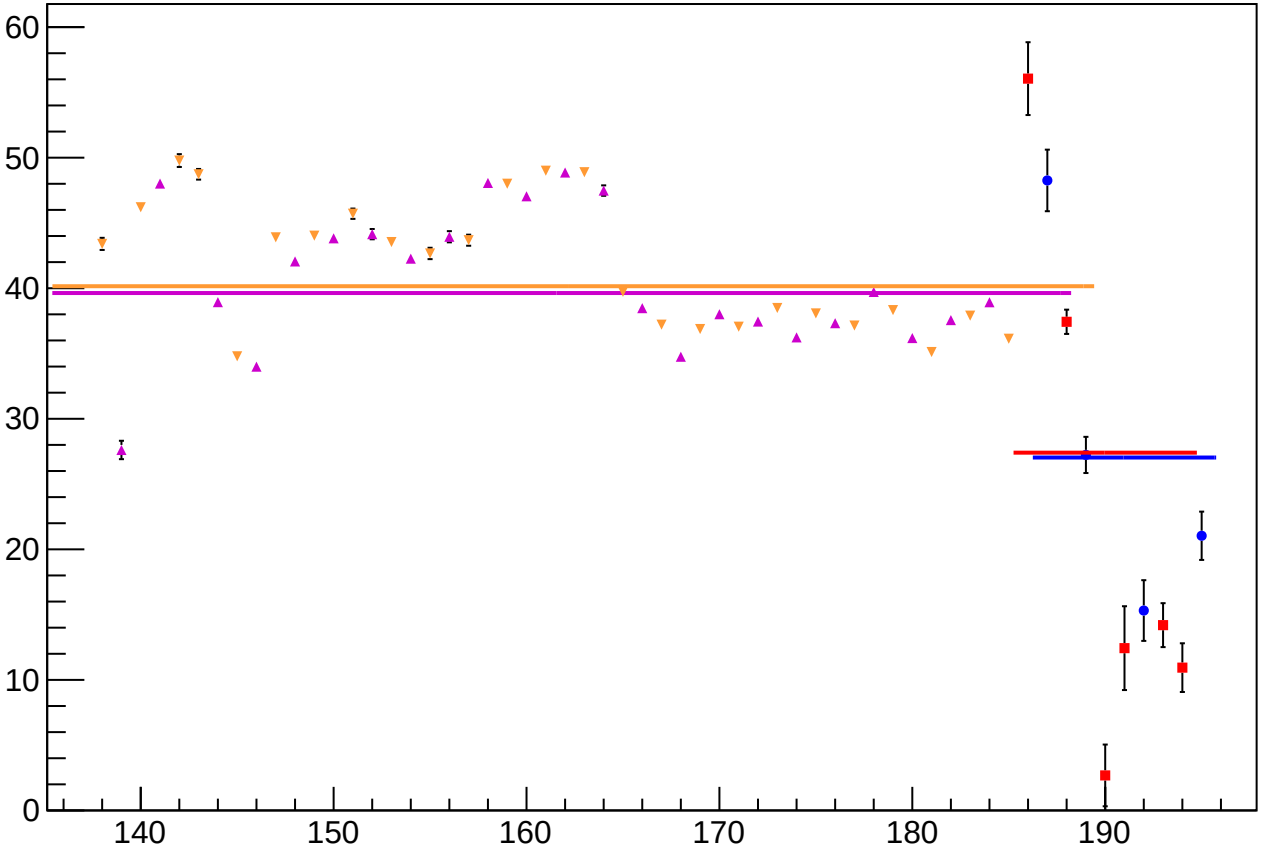
Right: 29.804+/-0.257 χ^2/NDF: 367.9/9

In: 20.913+/-0.067 χ^2/NDF:6266.5/26

Out: 21.312+/-0.065 χ^2/NDF:7857.3/30

All: 21.117+/-0.047 χ^2/NDF: 14142.1/57

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.033+/-0.921 χ^2/NDF: 117.0/3

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 27.406+/-0.674 χ^2/NDF: 492.3/5

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

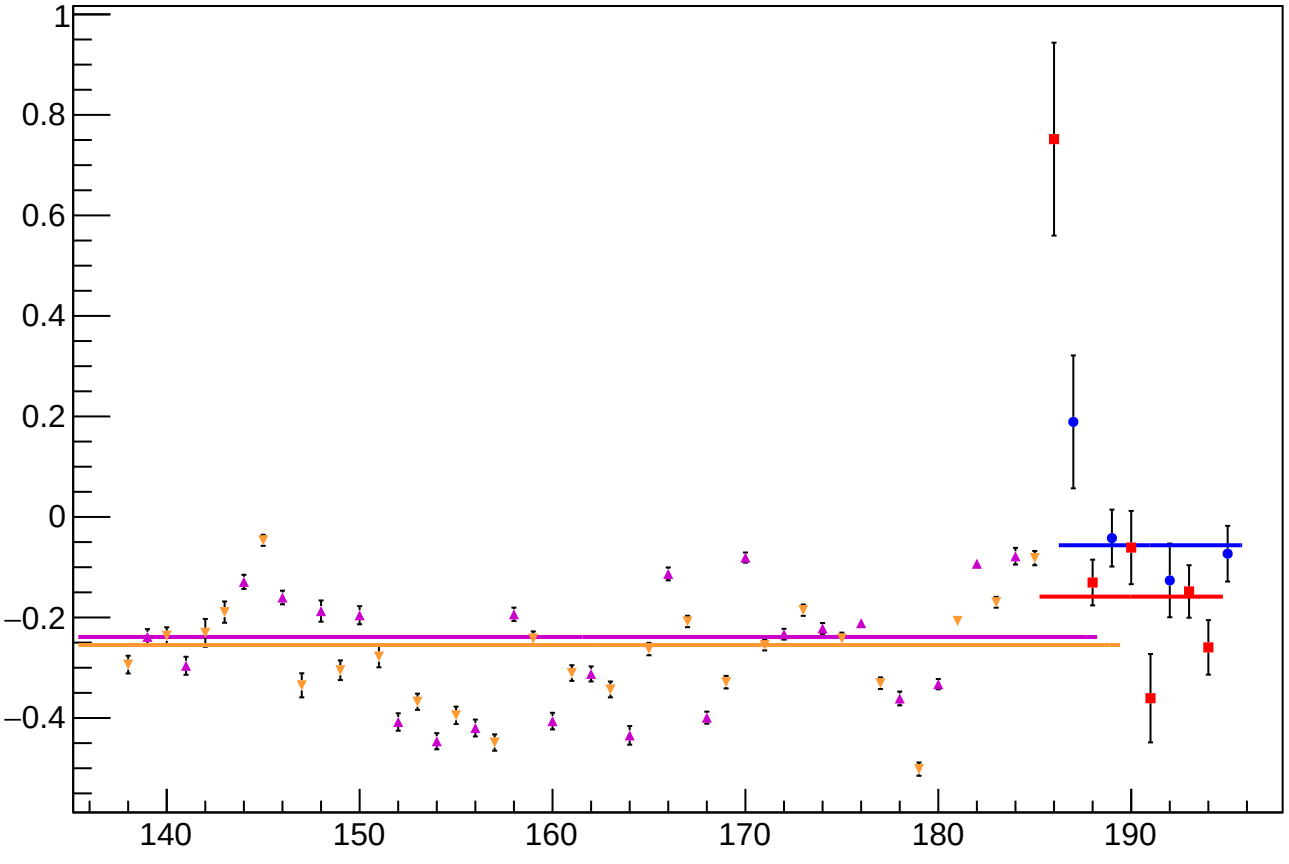
Right: 27.276+/-0.544 χ^2/NDF: 609.3/9

In: 39.577+/-0.061 χ^2/NDF:5646.4/26

Out: 40.052+/-0.060 χ^2/NDF:6708.7/30

All: 39.818+/-0.043 χ^2/NDF: 12385.8/57

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.056+/-0.034 χ^2/NDF: 4.5/3

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.159+/-0.026 χ^2/NDF: 33.5/5

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

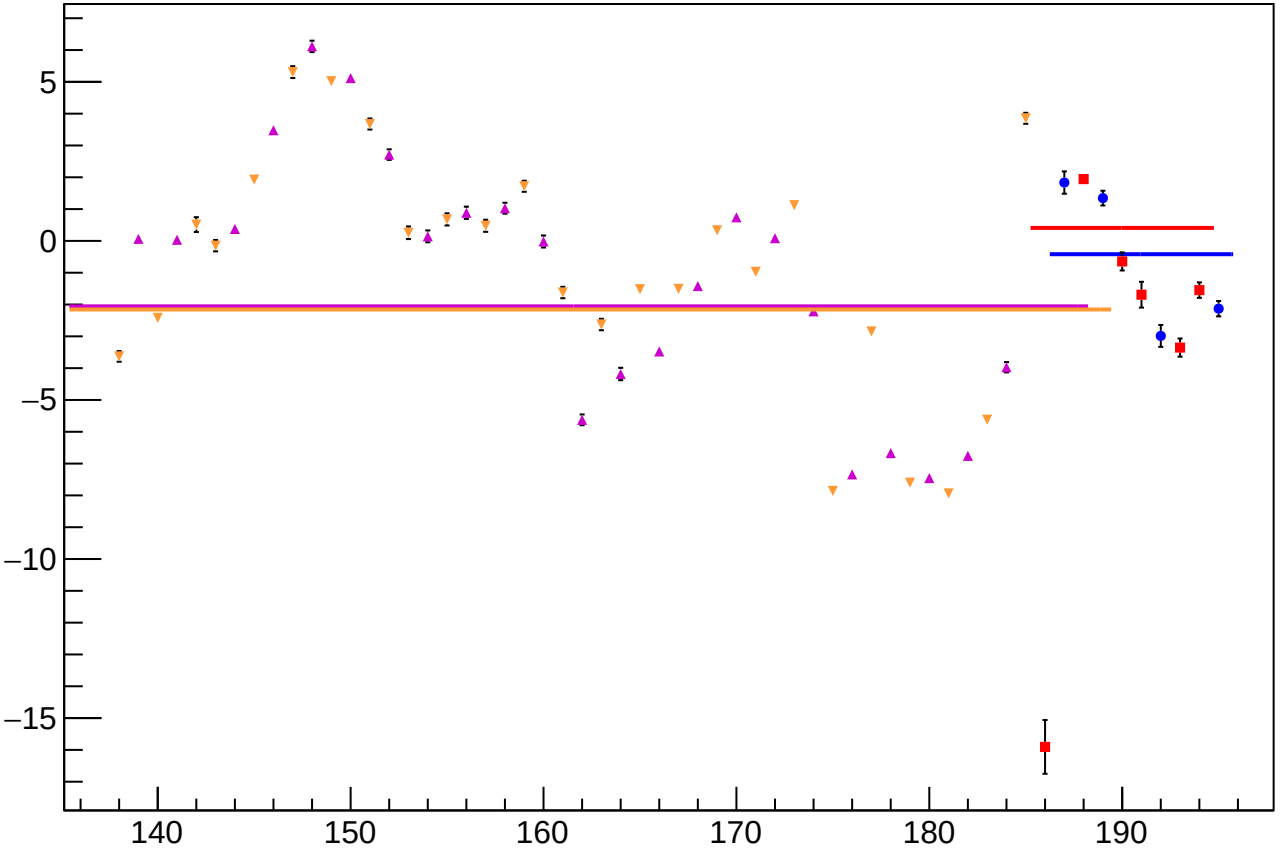
Right: -0.121+/-0.020 χ^2/NDF: 43.8/9

In: -0.238+/-0.003 χ^2/NDF:1783.7/26

Out: -0.254+/-0.003 χ^2/NDF:1465.2/30

All: -0.246+/-0.002 χ^2/NDF: 3266.1/57

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.418+/-0.138 χ^2/NDF: 204.6/3

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: 0.409+/-0.087 χ^2/NDF: 846.1/5

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

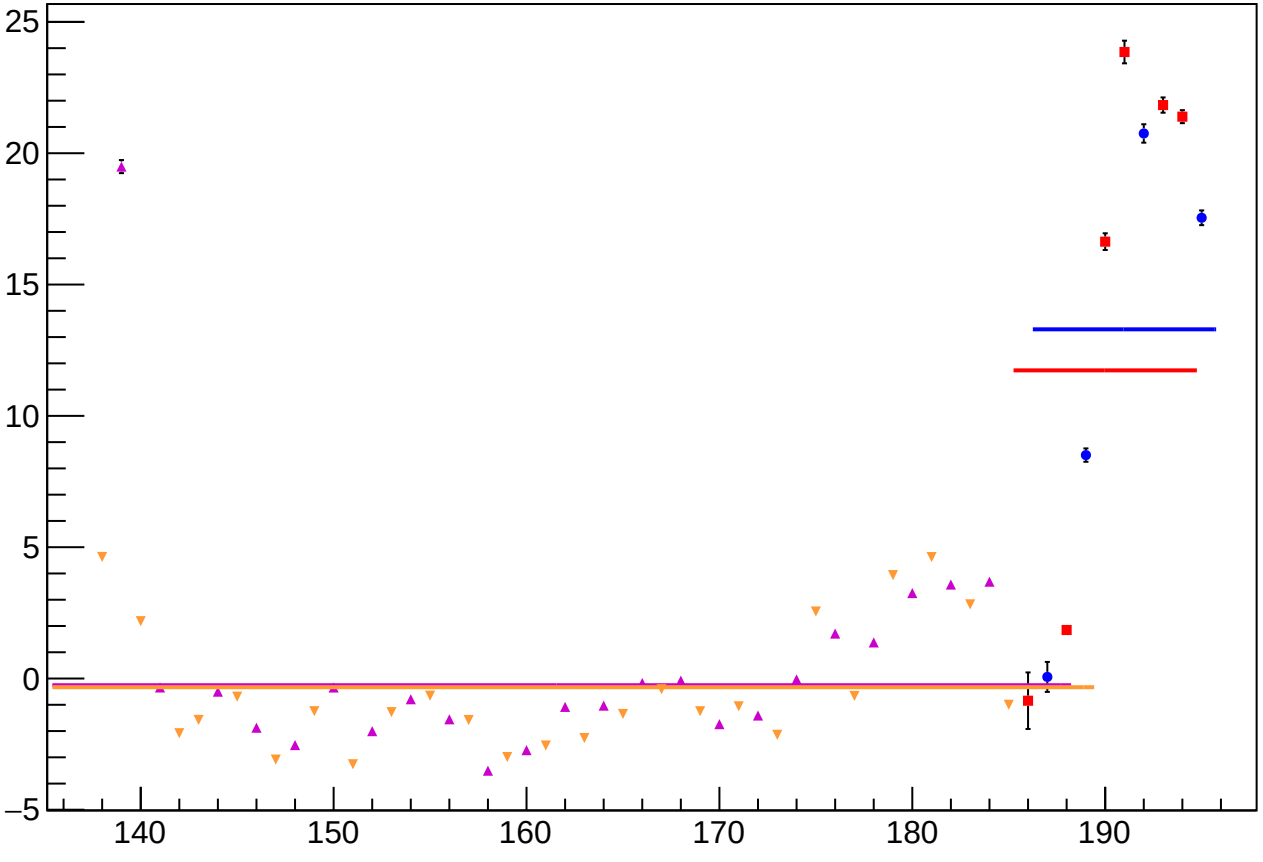
Right: 0.175+/-0.074 χ^2/NDF: 1076.3/9

In: -2.002+/-0.025 χ^2/NDF:23683.9/26

Out: -1.951+/-0.025 χ^2/NDF:26146.8/30

All: -1.976+/-0.018 χ^2/NDF: 49832.7/57

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.295+/-0.159 χ^2/NDF: 1572.6/3

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 11.732+/-0.110 χ^2/NDF: 7640.6/5

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

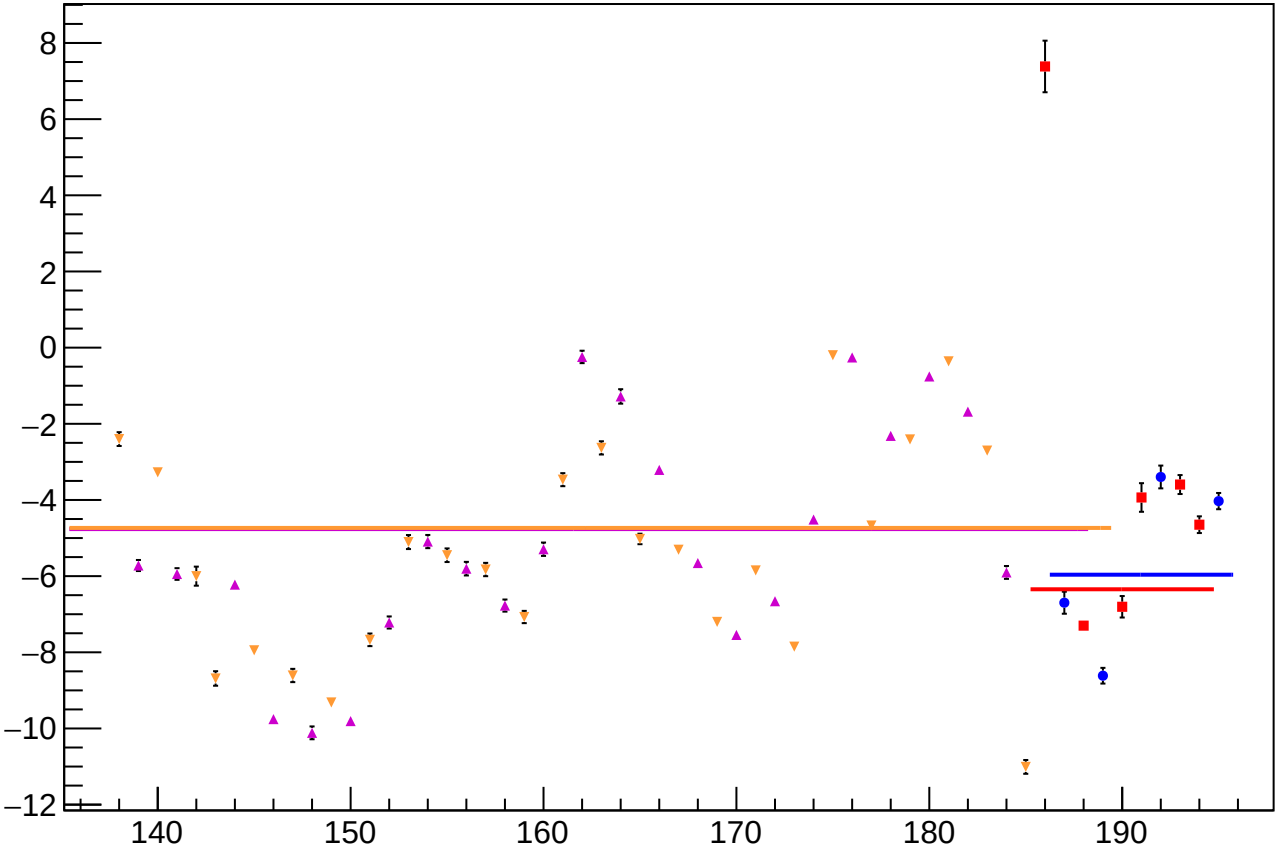
Right: 12.236+/-0.091 χ^2/NDF: 9278.4/9

In: -0.026+/-0.021 χ^2/NDF:22835.5/26

Out: 0.079+/-0.020 χ^2/NDF:31805.9/30

All: 0.027+/-0.014 χ^2/NDF: 54654.5/57

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.962+/-0.121 χ^2/NDF: 327.4/3

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -6.345+/-0.073 χ^2/NDF: 751.7/5

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

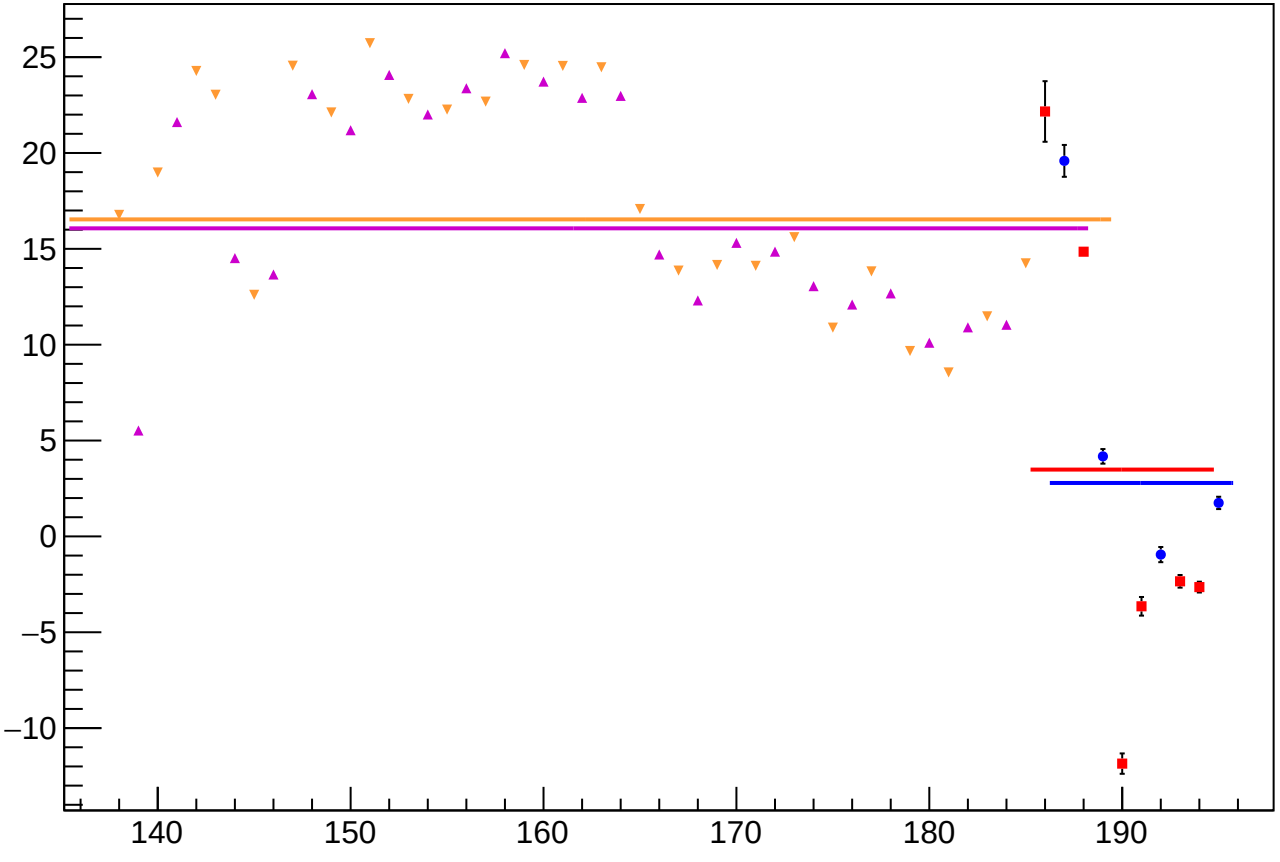
Right: -6.242+/-0.063 χ^2/NDF: 1086.4/9

In: -4.817+/-0.025 χ^2/NDF:14584.6/26

Out: -4.912+/-0.024 χ^2/NDF:14368.2/30

All: -4.867+/-0.018 χ^2/NDF: 28960.0/57

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.787+/-0.203 χ^2/NDF: 521.3/3

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 3.485+/-0.144 χ^2/NDF: 4333.1/5

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

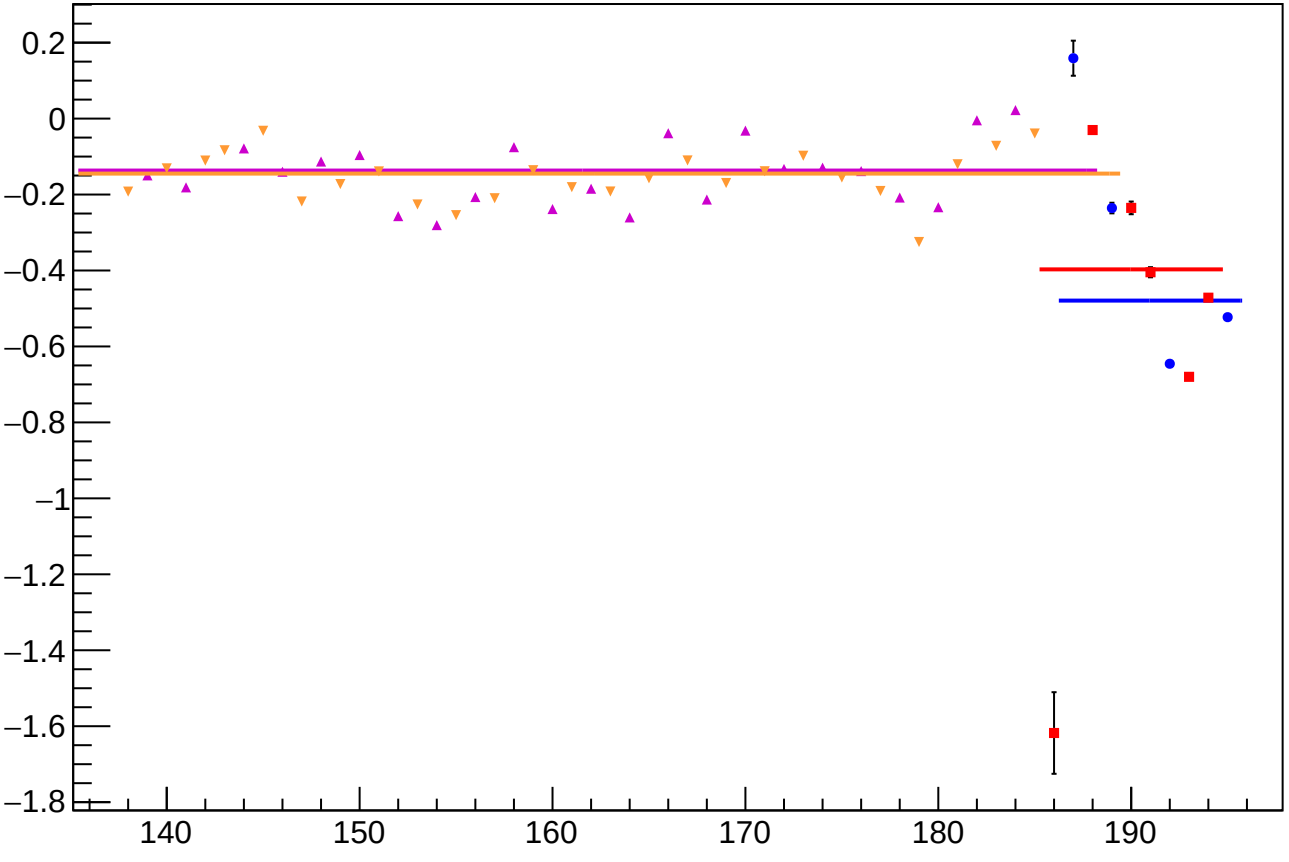
Right: 3.251+/-0.117 χ^2/NDF: 4862.3/9

In: 15.893+/-0.023 χ^2/NDF:47500.9/26

Out: 16.207+/-0.023 χ^2/NDF:65883.8/30

All: 16.053+/-0.016 χ^2/NDF: 113476.7/57

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.479+/-0.007 χ^2/NDF: 693.1/3

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.397+/-0.005 χ^2/NDF: 2311.5/5

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

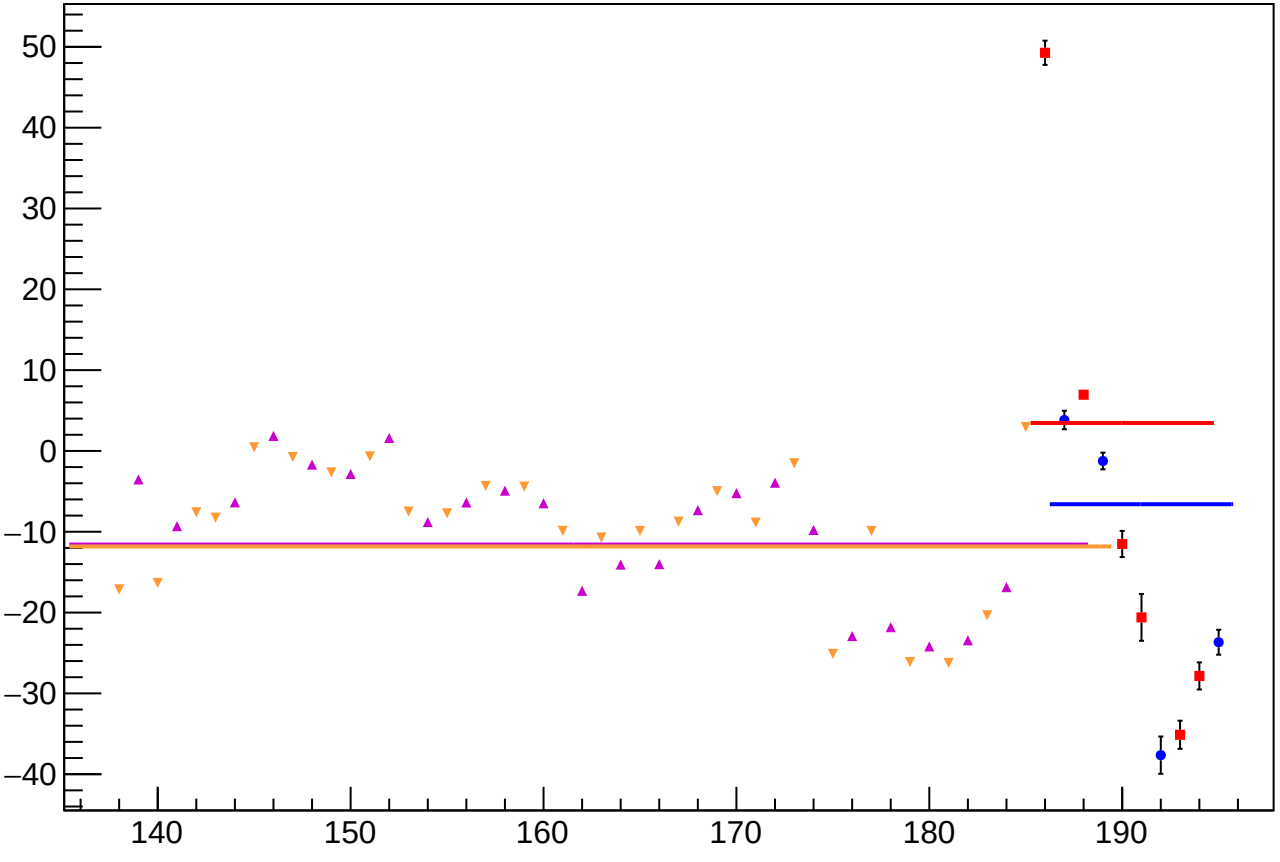
Right: -0.426+/-0.004 χ^2/NDF: 3105.8/9

In: -0.146+/-0.001 χ^2/NDF:8705.8/26

Out: -0.156+/-0.001 χ^2/NDF:8672.5/30

All: -0.151+/-0.001 χ^2/NDF: 17432.3/57

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.592+/-0.658 χ^2/NDF: 413.4/3

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: 3.463+/-0.443 χ^2/NDF: 1970.5/5

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

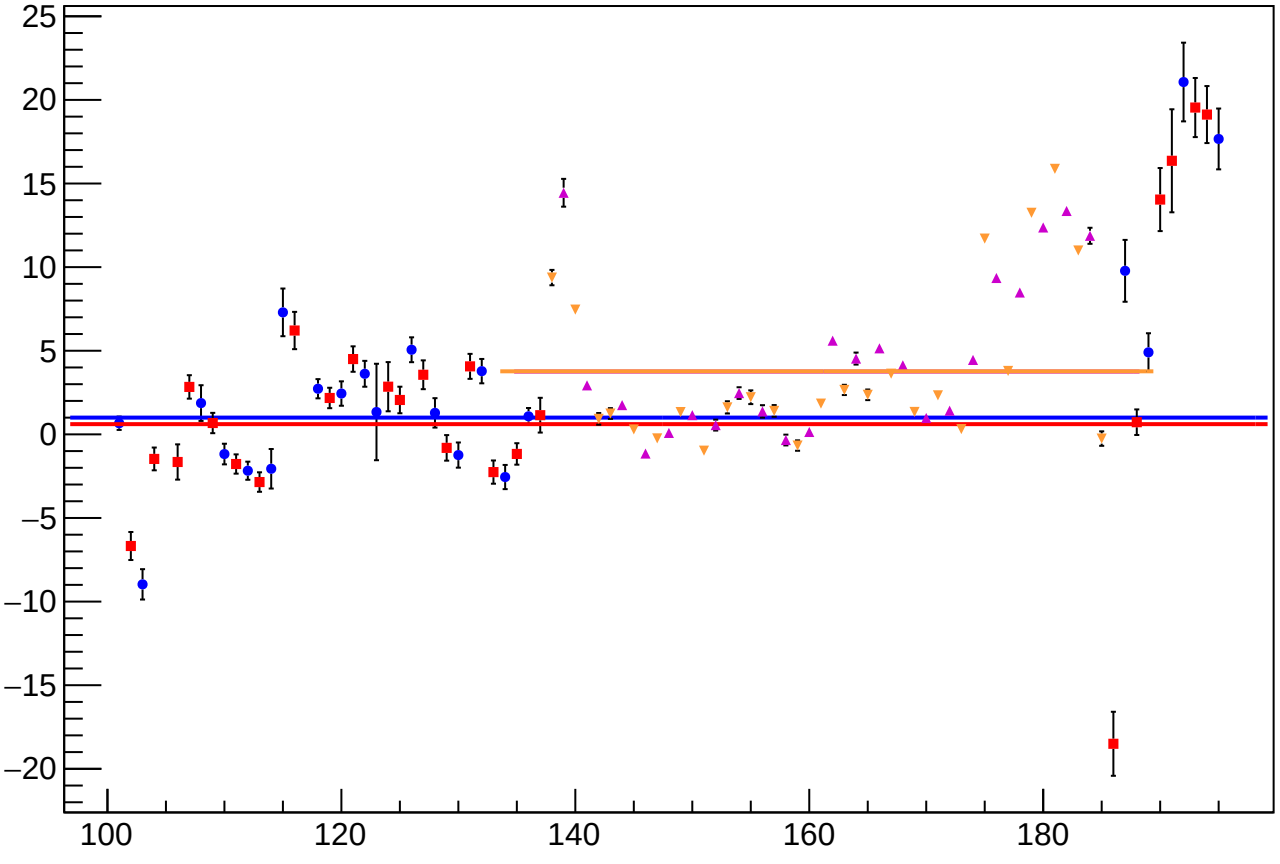
Right: 0.329+/-0.367 χ^2/NDF: 2544.7/9

In: -11.522+/-0.071 χ^2/NDF:14713.8/26

Out: -11.446+/-0.070 χ^2/NDF:20410.4/30

All: -11.483+/-0.050 χ^2/NDF: 35124.8/57

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.002+/-0.165 χ^2/NDF: 487.8/20

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.611+/-0.167 χ^2/NDF: 686.5/23

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

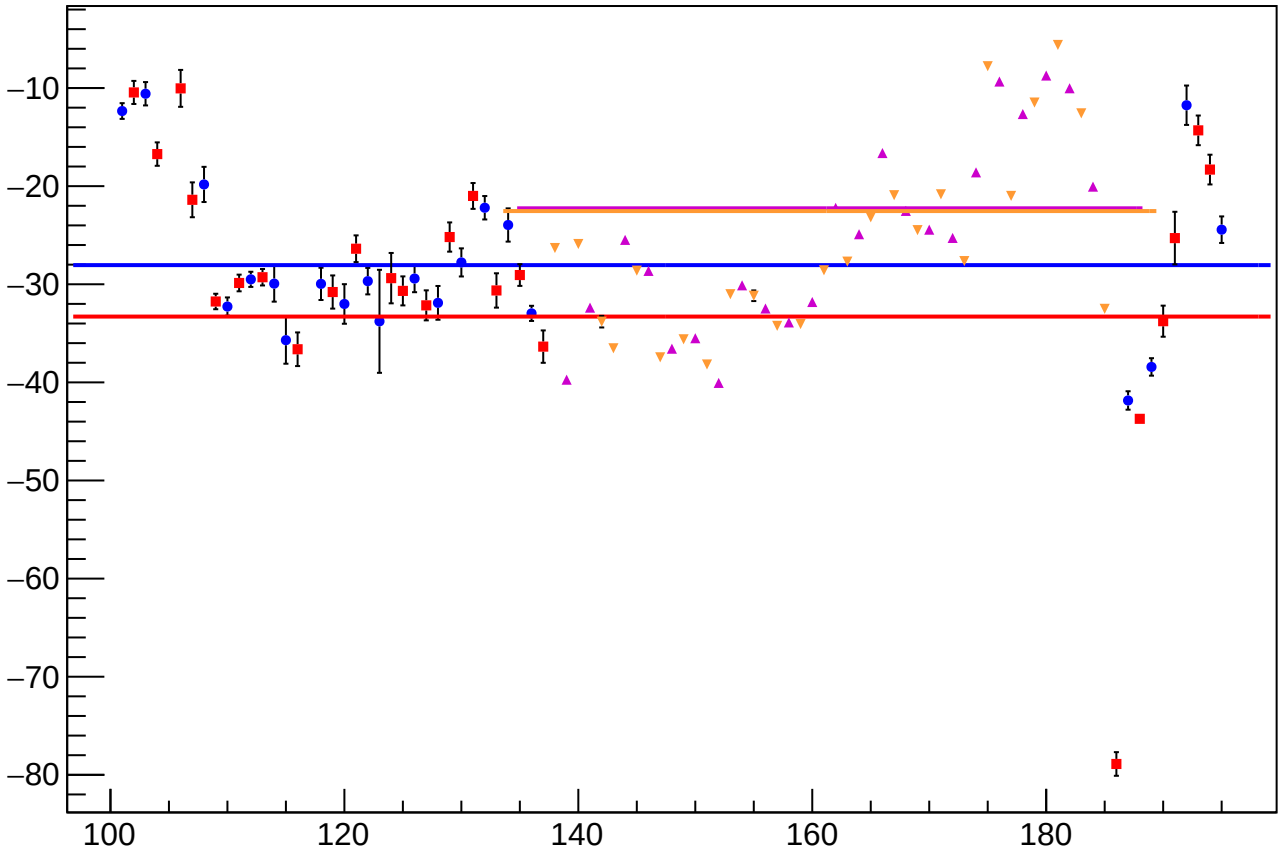
Right: 0.809+/-0.118 χ^2/NDF: 1177.1/44

In: 3.468+/-0.053 χ^2/NDF:6391.3/43

Out: 3.455+/-0.053 χ^2/NDF:8428.1/48

All: 3.462+/-0.038 χ^2/NDF: 14819.5/92

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.049+/-0.264 χ^2/NDF: 1163.6/20

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -33.293+/-0.231 χ^2/NDF: 3259.8/23

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

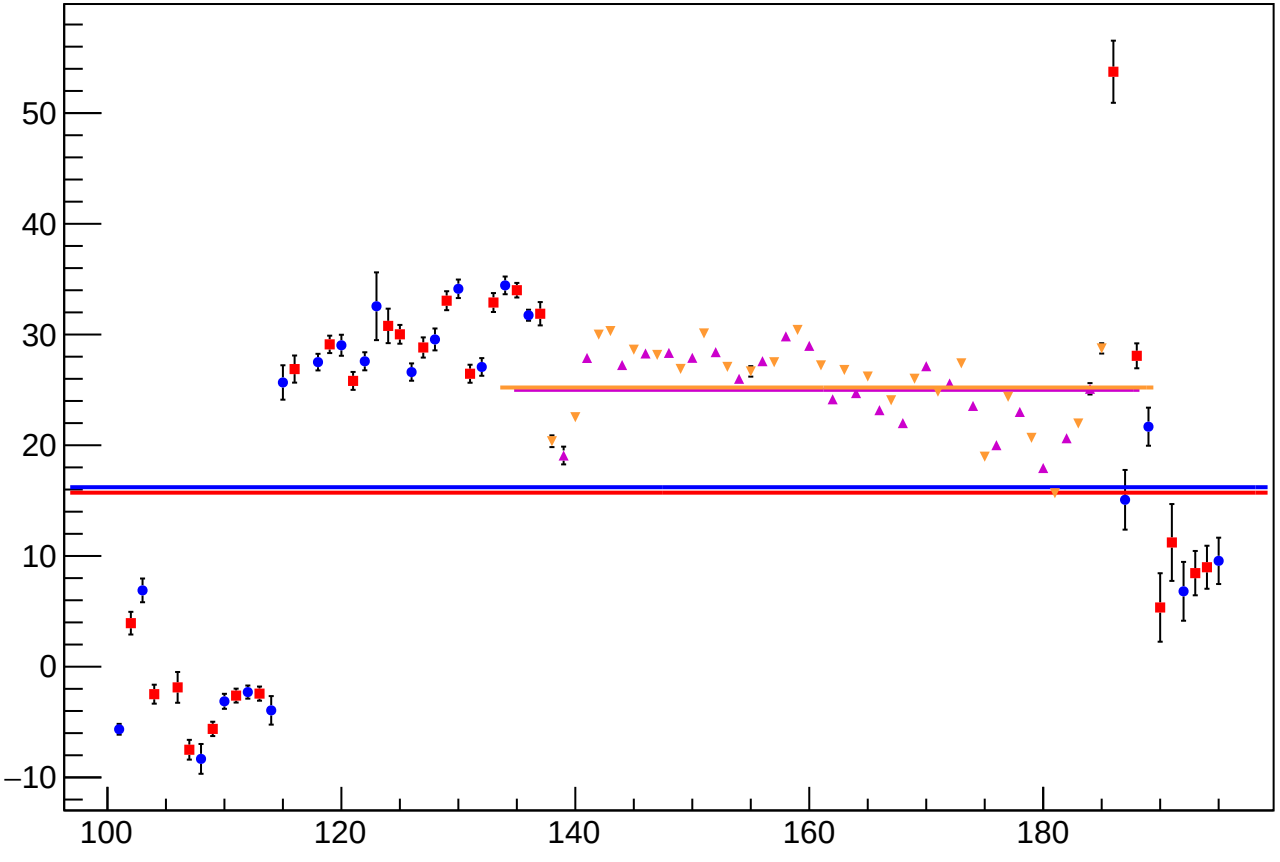
Right: -31.015+/-0.174 χ^2/NDF: 4646.4/44

In: -22.651+/-0.069 χ^2/NDF:19449.9/43

Out: -23.460+/-0.068 χ^2/NDF:24985.2/48

All: -23.062+/-0.048 χ^2/NDF: 44505.1/92

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.211+/-0.188 χ^2/NDF: 7644.3/20

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.718+/-0.191 χ^2/NDF: 7613.7/23

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

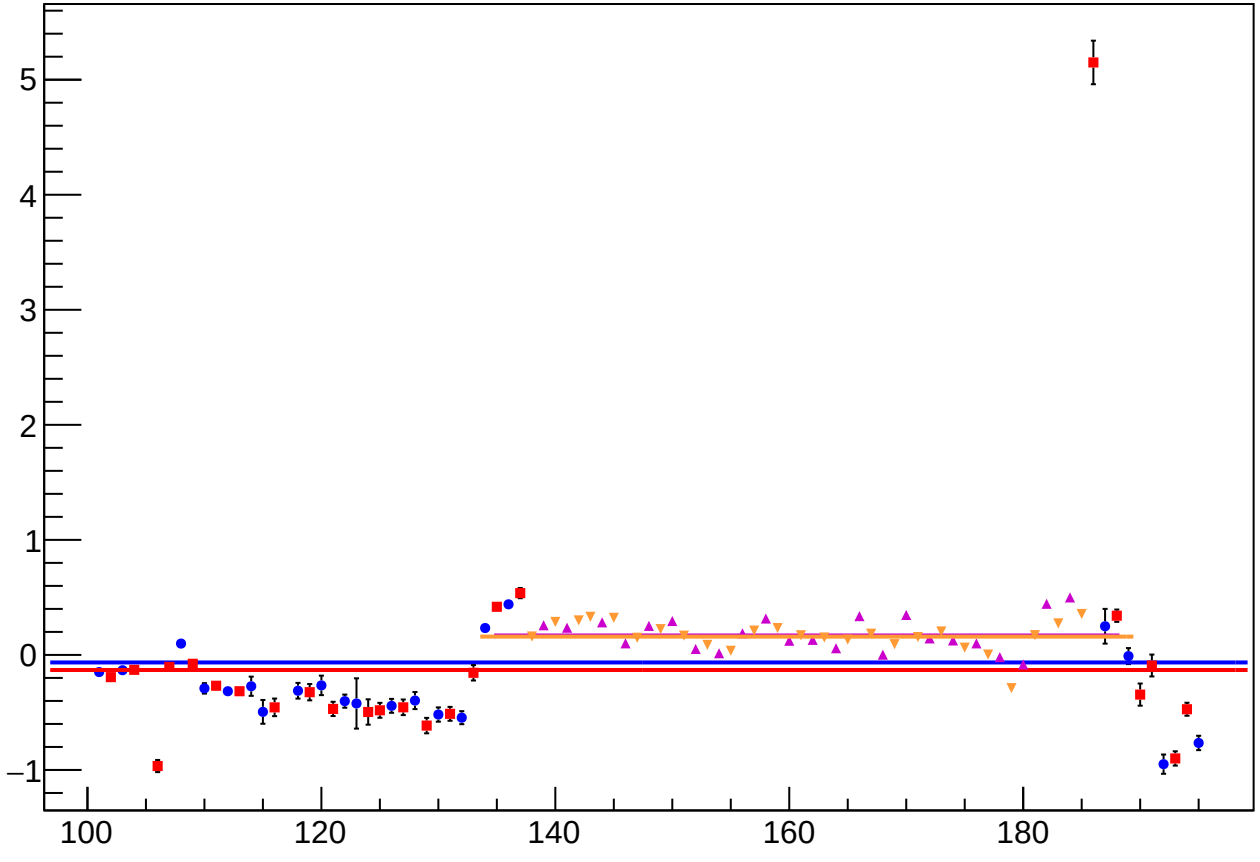
Right: 15.968+/-0.134 χ^2/NDF: 15261.4/44

In: 24.103+/-0.060 χ^2/NDF:12338.6/43

Out: 24.293+/-0.060 χ^2/NDF:13578.9/48

All: 24.199+/-0.042 χ^2/NDF: 25922.5/92

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.065+/-0.010 χ^2/NDF: 1264.5/20

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.131+/-0.010 χ^2/NDF: 2212.4/23

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

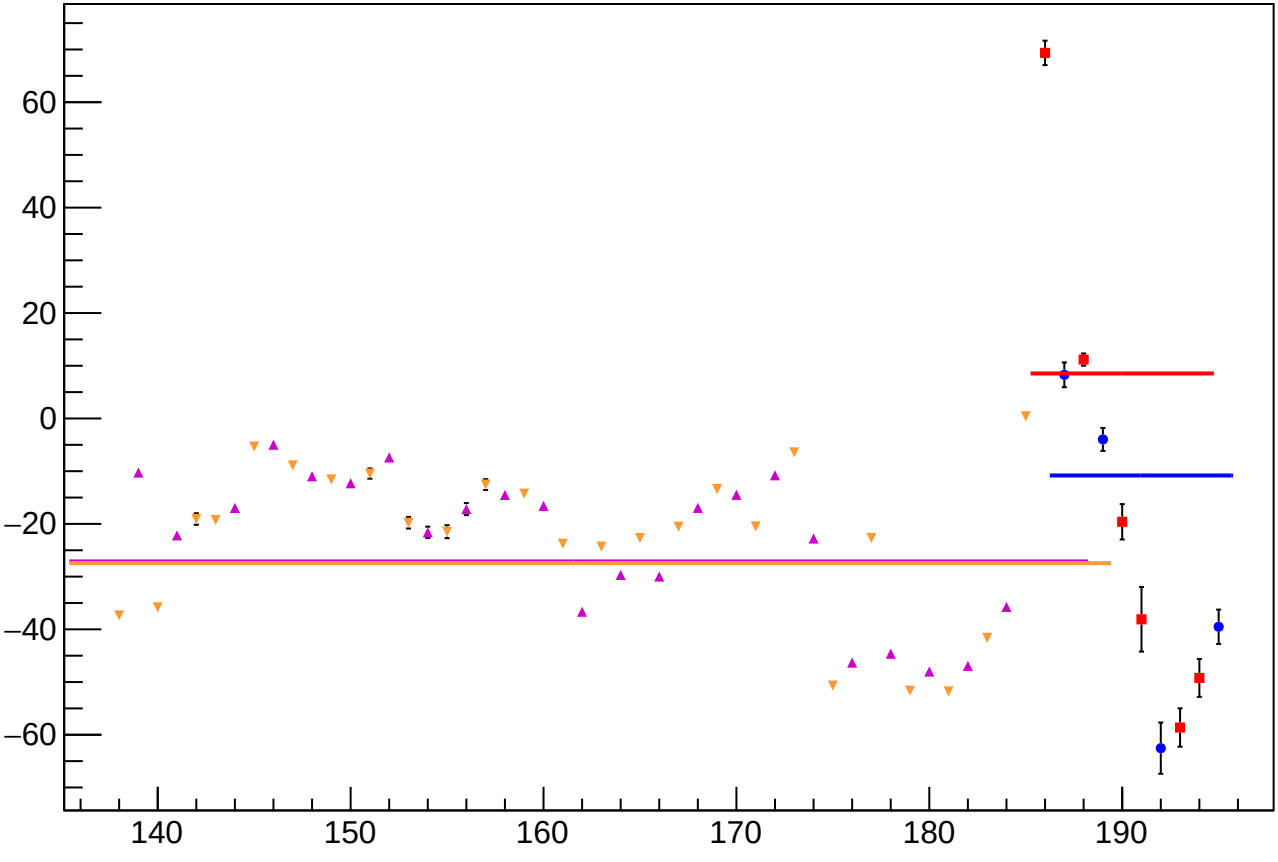
Right: -0.099+/-0.007 χ^2/NDF: 3498.9/44

In: 0.151+/-0.003 χ^2/NDF:4205.4/43

Out: 0.136+/-0.003 χ^2/NDF:4877.4/48

All: 0.143+/-0.002 χ^2/NDF: 9097.1/92

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.813+/-1.376 χ^2/NDF: 266.9/3

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 8.541+/-0.914 χ^2/NDF: 1420.5/5

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

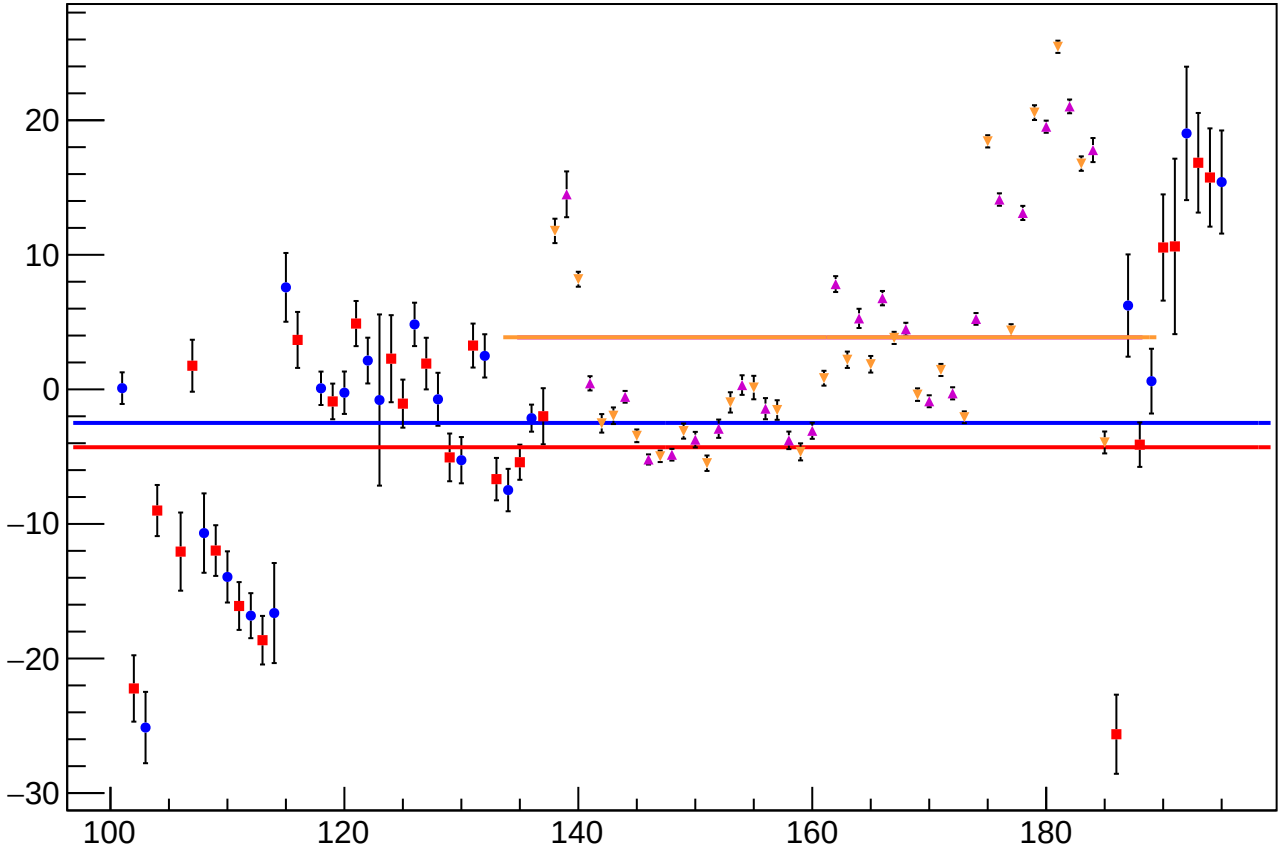
Right: 2.611+/-0.761 χ^2/NDF: 1824.7/9

In: -26.950+/-0.138 χ^2/NDF:11849.7/26

Out: -26.656+/-0.136 χ^2/NDF:17756.4/30

All: -26.801+/-0.097 χ^2/NDF: 29608.4/57

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.493+/-0.396 χ^2/NDF: 330.1/20

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -4.300+/-0.402 χ^2/NDF: 429.5/23

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

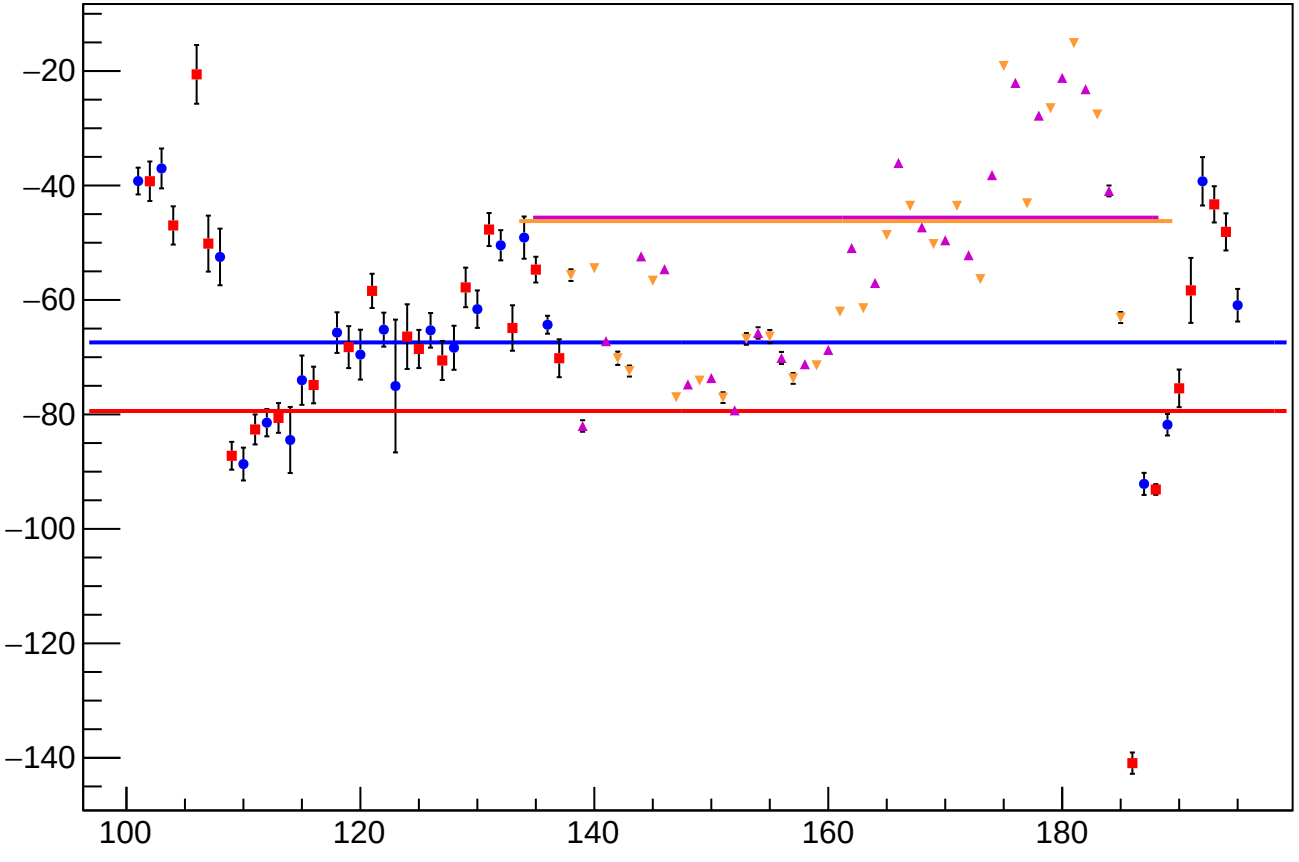
Right: -3.384+/-0.282 χ^2/NDF: 769.9/44

In: 3.400+/-0.107 χ^2/NDF:6007.1/43

Out: 3.308+/-0.106 χ^2/NDF:7721.1/48

All: 3.353+/-0.075 χ^2/NDF: 13728.6/92

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.417+/-0.624 χ^2/NDF: 678.2/20

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -79.399+/-0.534 χ^2/NDF: 2336.6/23

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

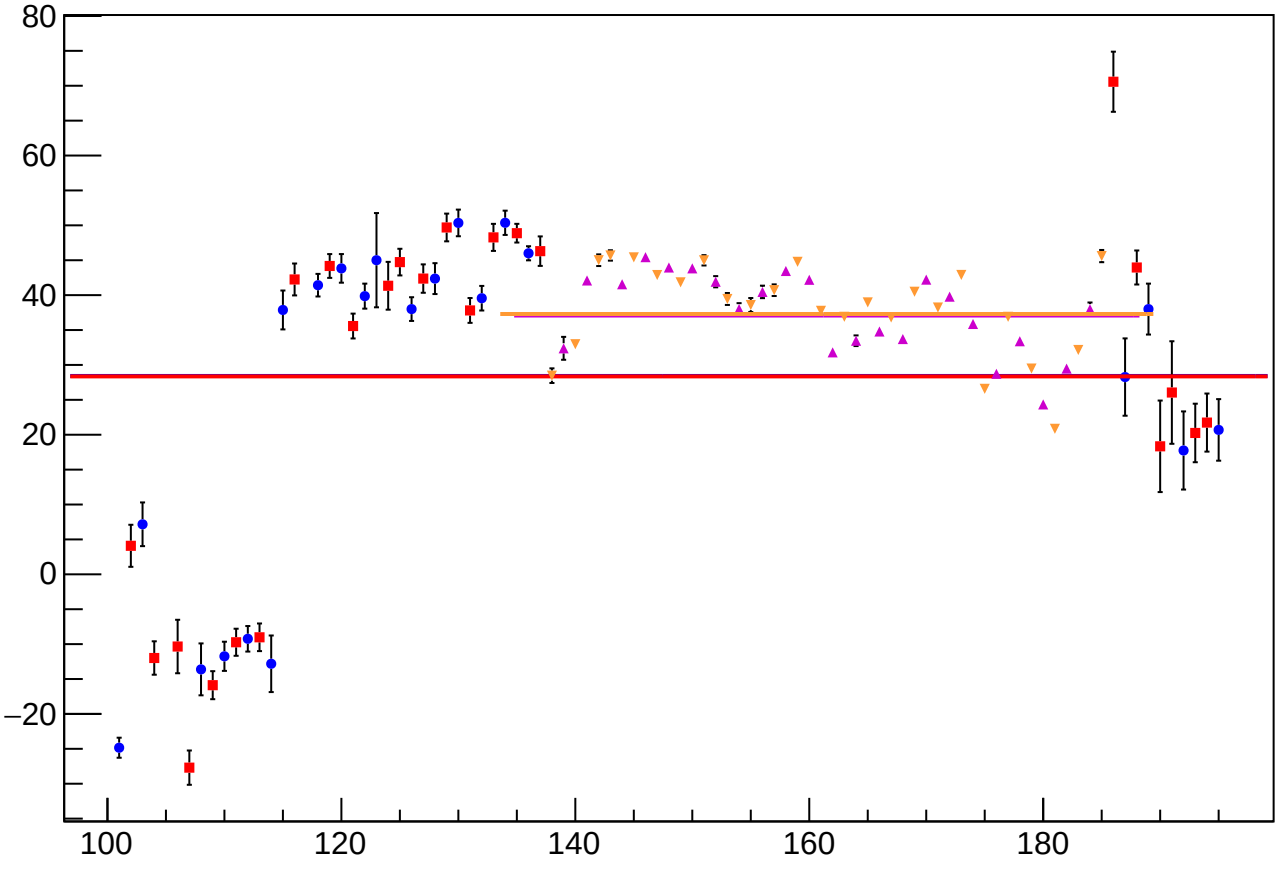
Right: -74.337+/-0.406 χ^2/NDF: 3227.6/44

In: -46.648+/-0.136 χ^2/NDF:19584.0/43

Out: -48.295+/-0.134 χ^2/NDF:25939.3/48

All: -47.485+/-0.095 χ^2/NDF: 45597.9/92

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.420+/-0.448 χ^2/NDF: 3343.9/20

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.358+/-0.460 χ^2/NDF: 3176.4/23

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

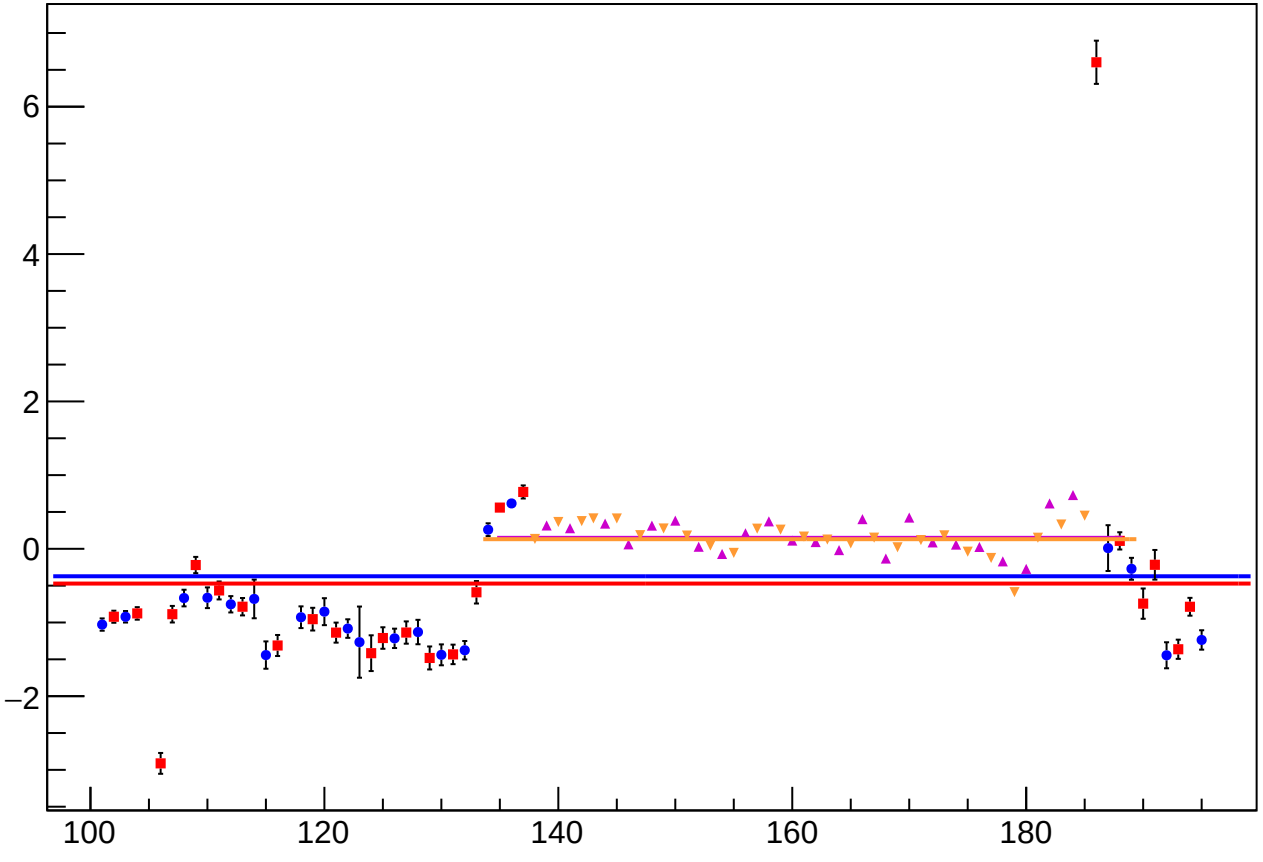
Right: 28.389+/-0.321 χ^2/NDF: 6520.3/44

In: 36.457+/-0.120 χ^2/NDF:6095.7/43

Out: 36.699+/-0.119 χ^2/NDF:6642.6/48

All: 36.580+/-0.084 χ^2/NDF: 12740.3/92

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.373+/-0.024 χ^2/NDF: 1098.5/20

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.472+/-0.024 χ^2/NDF: 1828.9/23

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

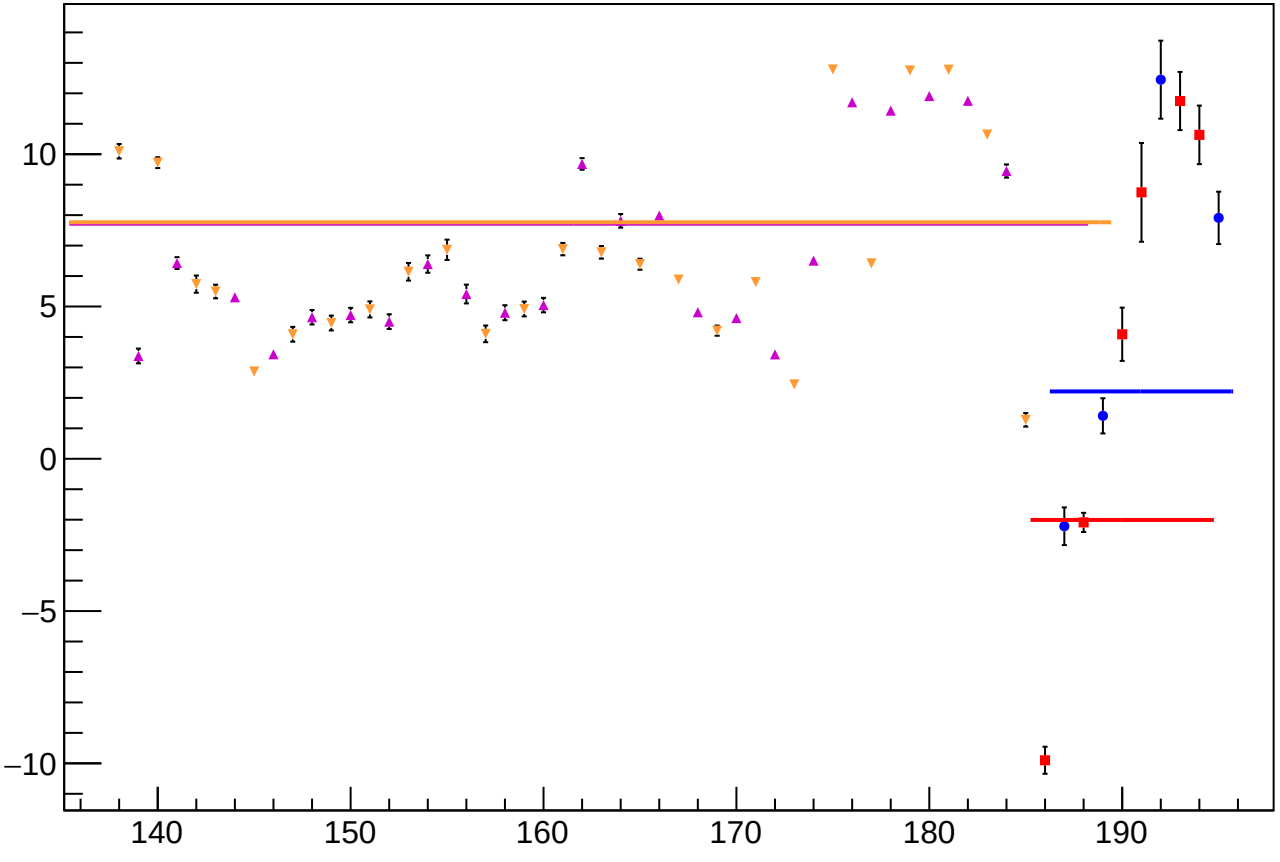
Right: -0.422+/-0.017 χ^2/NDF: 2936.0/44

In: 0.120+/-0.006 χ^2/NDF:3364.6/43

Out: 0.098+/-0.005 χ^2/NDF:3855.1/48

All: 0.109+/-0.004 χ^2/NDF: 7227.7/92

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.211+/-0.364 χ^2/NDF: 160.9/3

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -2.008+/-0.229 χ^2/NDF: 788.2/5

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

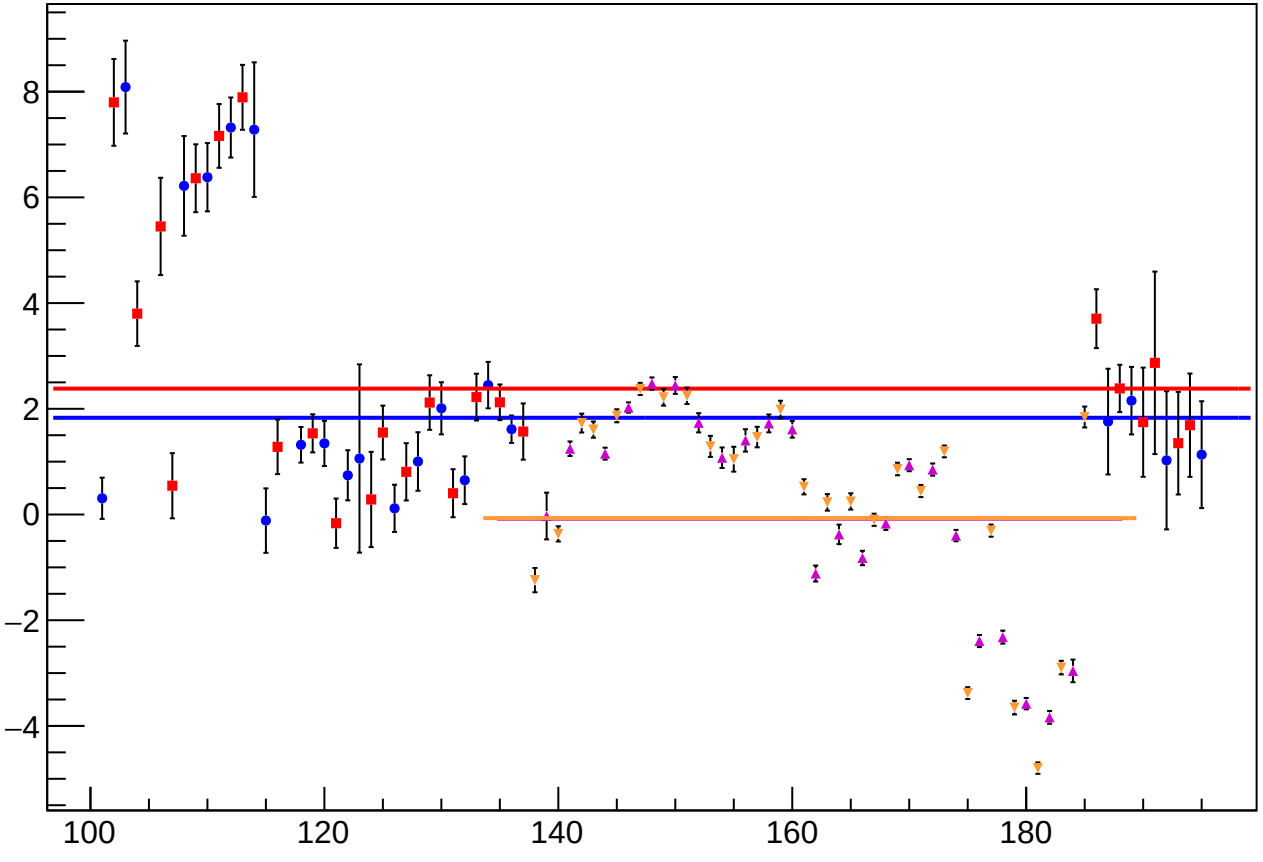
Right: -0.808+/-0.194 χ^2/NDF: 1045.5/9

In: 7.669+/-0.035 χ^2/NDF:8878.8/26

Out: 7.551+/-0.034 χ^2/NDF:14270.6/30

All: 7.609+/-0.024 χ^2/NDF: 23155.3/57

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.830+/-0.112 χ^2/NDF: 296.0/20

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.382+/-0.113 χ^2/NDF: 337.0/23

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

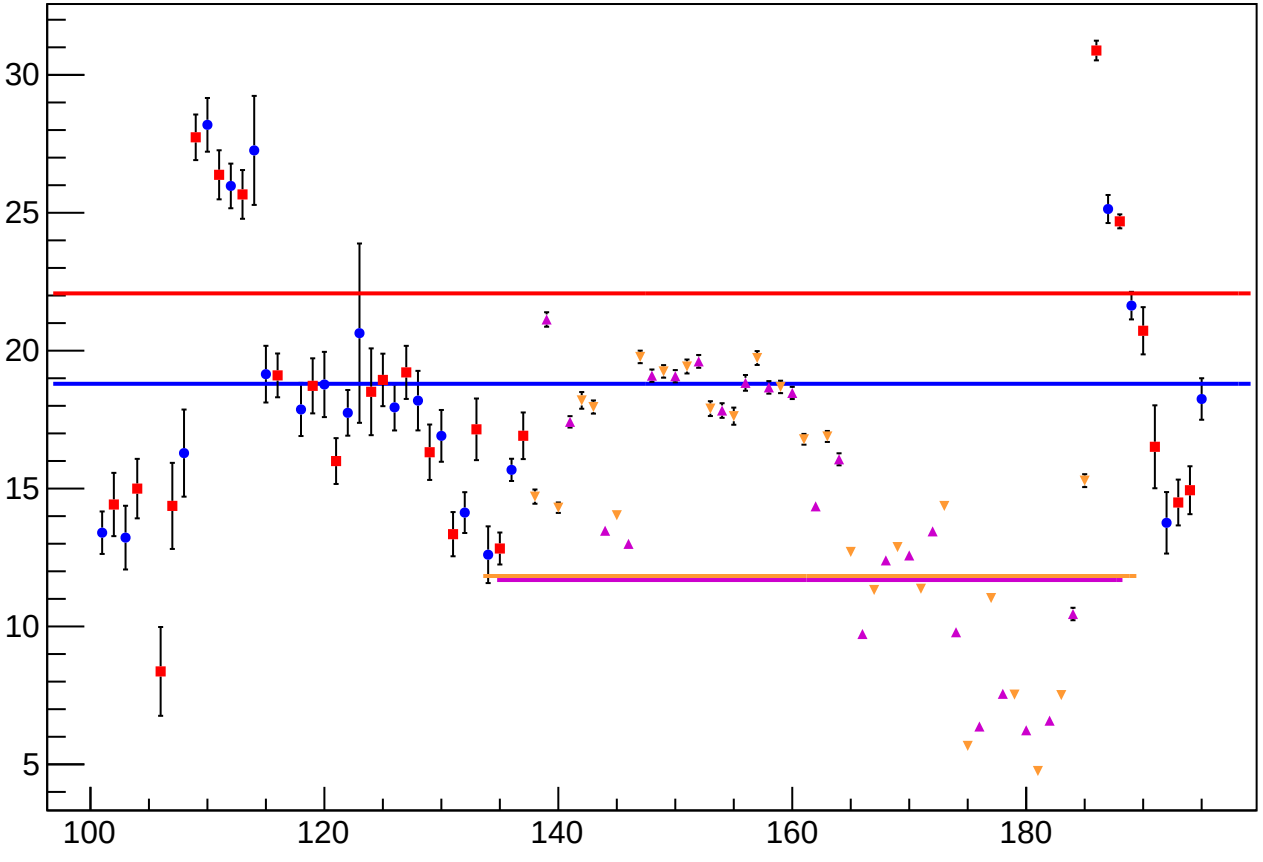
Right: 2.104+/-0.080 χ^2/NDF: 645.0/44

In: 0.034+/-0.027 χ^2/NDF:5556.9/43

Out: 0.071+/-0.027 χ^2/NDF:6812.1/48

All: 0.053+/-0.019 χ^2/NDF: 12369.9/92

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.799+/-0.175 χ^2/NDF: 617.7/20

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 22.077+/-0.143 χ^2/NDF: 1719.2/23

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

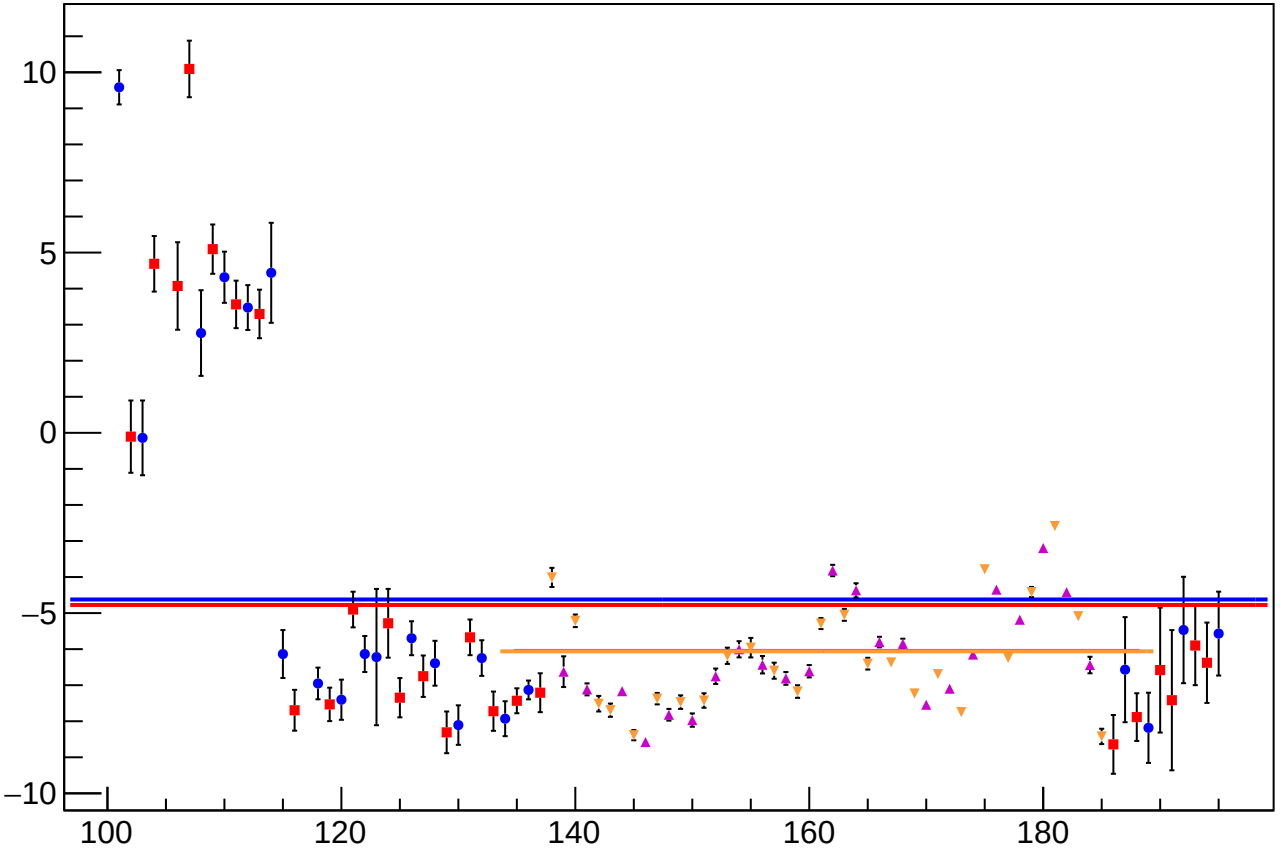
Right: 20.760+/-0.111 χ^2/NDF: 2547.3/44

In: 11.958+/-0.034 χ^2/NDF:19139.0/43

Out: 12.398+/-0.034 χ^2/NDF:25583.5/48

All: 12.182+/-0.024 χ^2/NDF: 44806.0/92

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.623+/-0.127 χ^2/NDF: 1606.9/20

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.774+/-0.130 χ^2/NDF: 1393.3/23

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

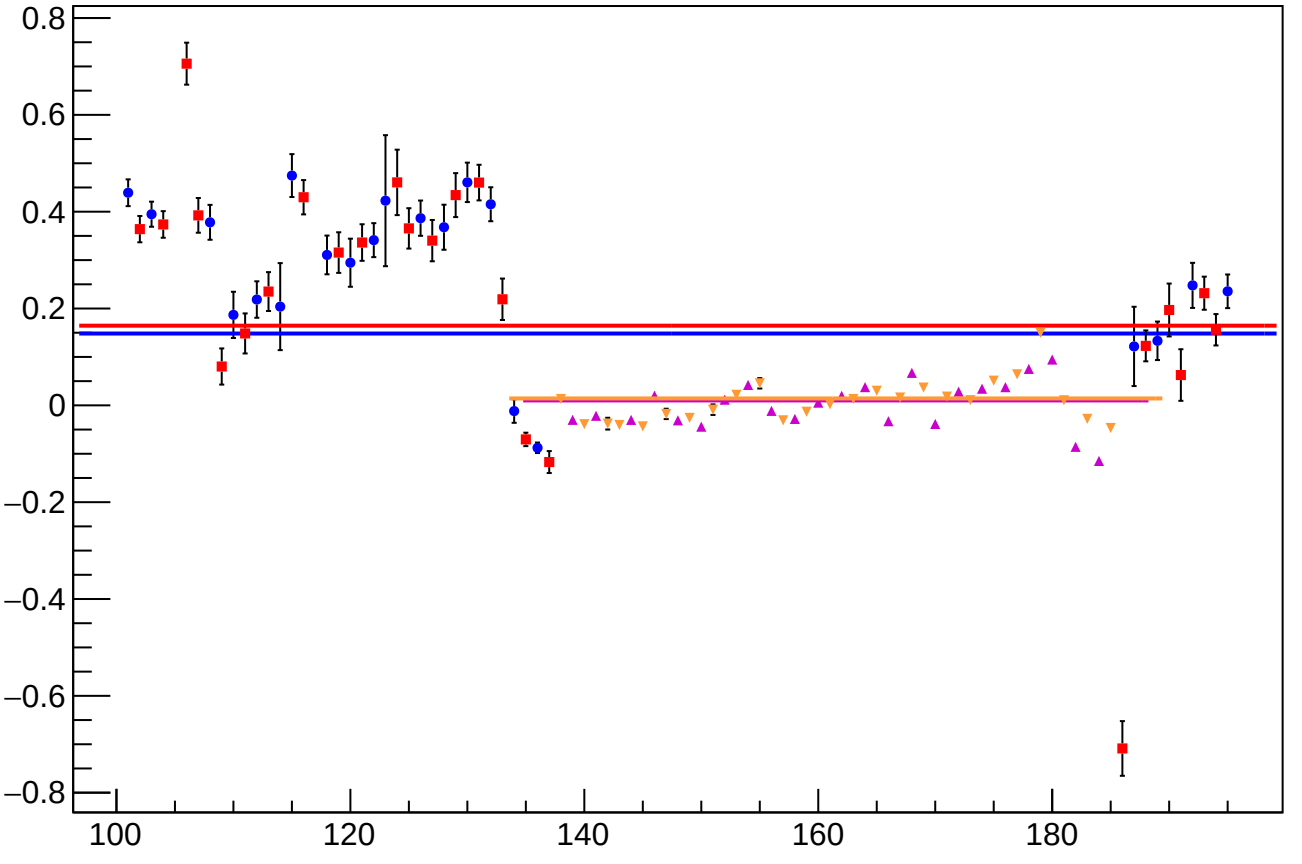
Right: -4.697+/-0.091 χ^2/NDF: 3000.9/44

In: -5.966+/-0.031 χ^2/NDF:4029.7/43

Out: -5.991+/-0.030 χ^2/NDF:4135.2/48

All: -5.978+/-0.022 χ^2/NDF: 8165.3/92

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.148+/-0.007 χ^2/NDF: 1072.0/20

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.165+/-0.007 χ^2/NDF: 1256.6/23

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

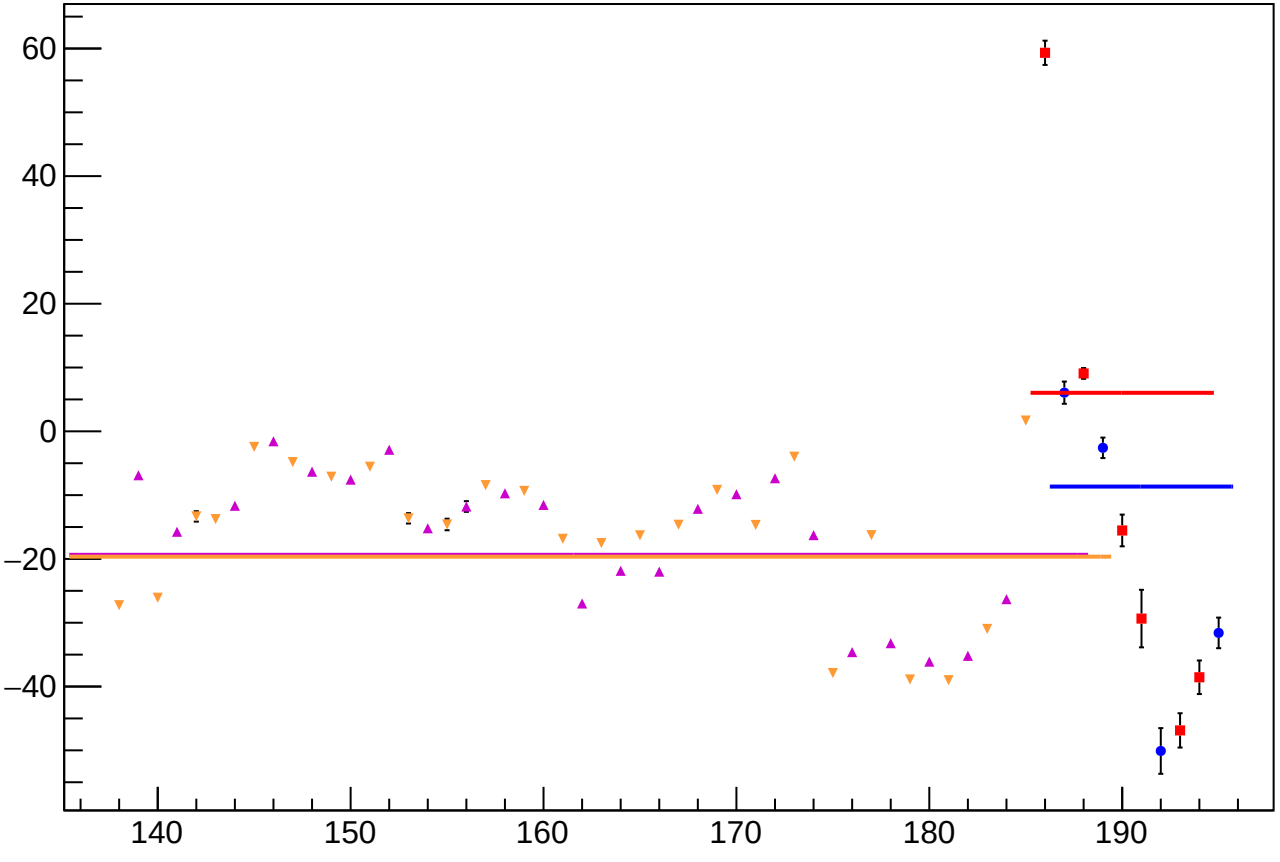
Right: 0.156+/-0.005 χ^2/NDF: 2331.6/44

In: 0.016+/-0.001 χ^2/NDF:2701.3/43

Out: 0.021+/-0.001 χ^2/NDF:2683.8/48

All: 0.019+/-0.001 χ^2/NDF: 5390.1/92

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.659+/-1.015 χ^2/NDF: 311.1/3

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: 6.035+/-0.680 χ^2/NDF: 1609.8/5

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

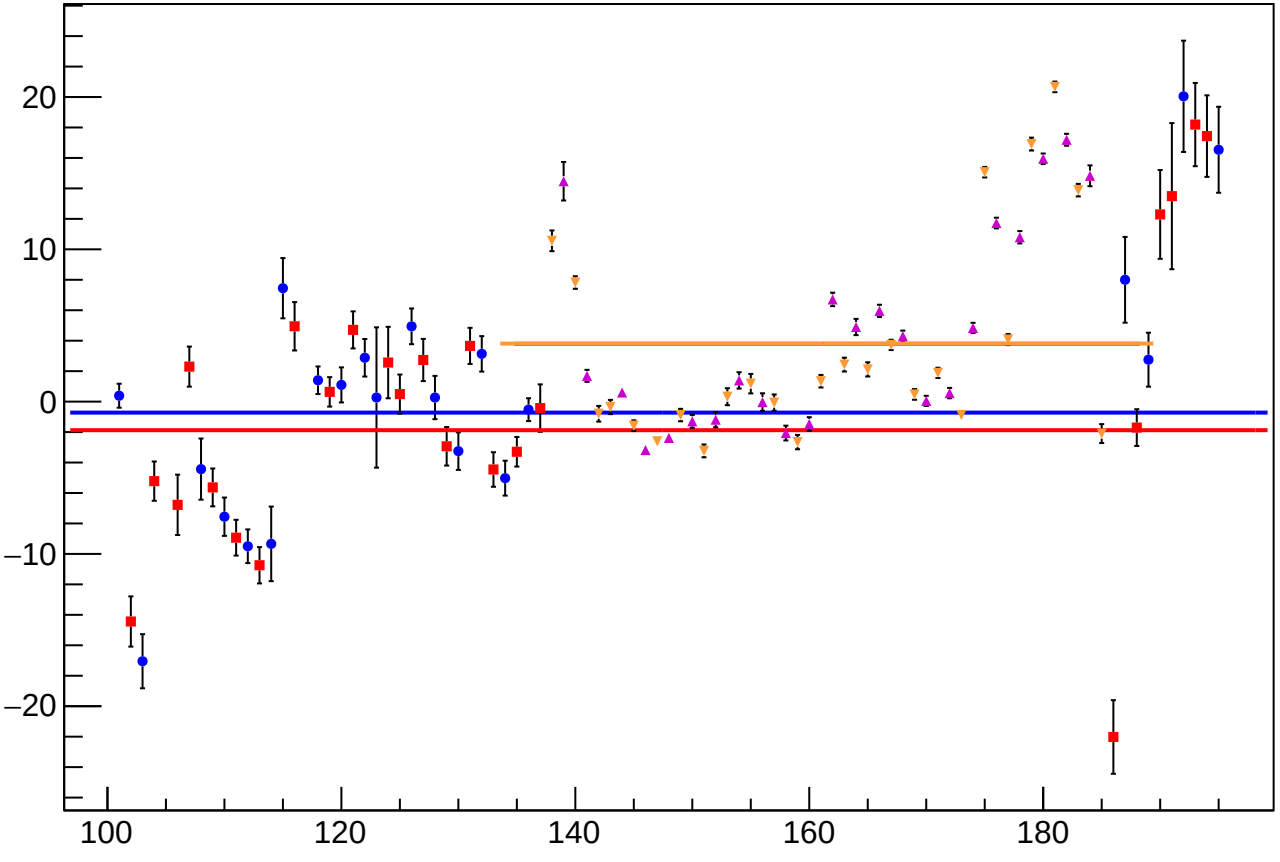
Right: 1.481+/-0.565 χ^2/NDF: 2065.4/9

In: -19.243+/-0.104 χ^2/NDF:12838.0/26

Out: -19.063+/-0.102 χ^2/NDF:18733.0/30

All: -19.151+/-0.073 χ^2/NDF: 31572.5/57

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.722+/-0.282 χ^2/NDF: 364.7/20

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -1.876+/-0.286 χ^2/NDF: 494.1/23

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

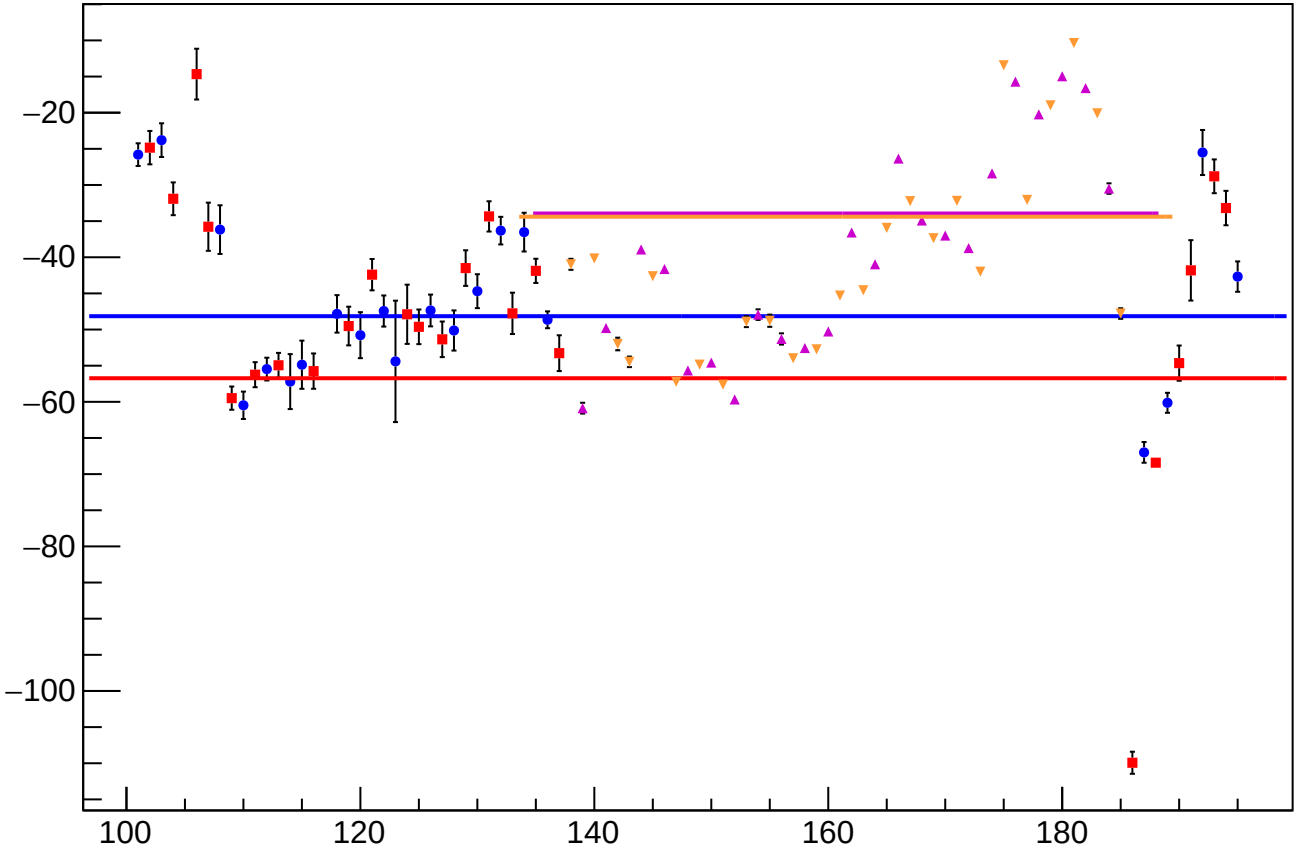
Right: -1.291+/-0.201 χ^2/NDF: 867.0/44

In: 3.434+/-0.080 χ^2/NDF:6134.4/43

Out: 3.377+/-0.079 χ^2/NDF:7977.0/48

All: 3.405+/-0.056 χ^2/NDF: 14111.6/92

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.153+/-0.447 χ^2/NDF: 767.6/20

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -56.737+/-0.386 χ^2/NDF: 2568.3/23

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

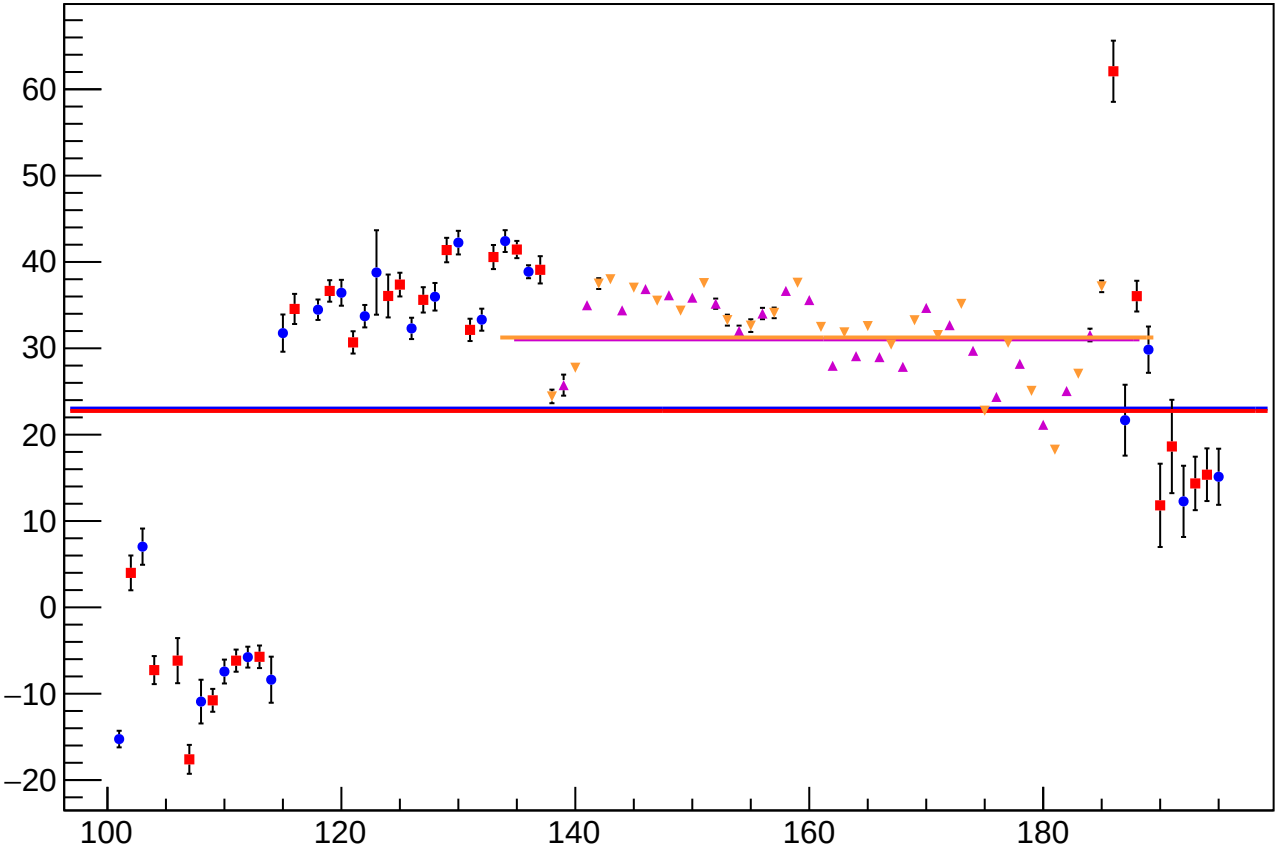
Right: -53.072+/-0.292 χ^2/NDF: 3547.1/44

In: -34.687+/-0.102 χ^2/NDF:19580.3/43

Out: -35.905+/-0.101 χ^2/NDF:25726.3/48

All: -35.305+/-0.072 χ^2/NDF: 45378.9/92

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.019+/-0.320 χ^2/NDF: 4365.3/20

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.747+/-0.327 χ^2/NDF: 4227.6/23

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

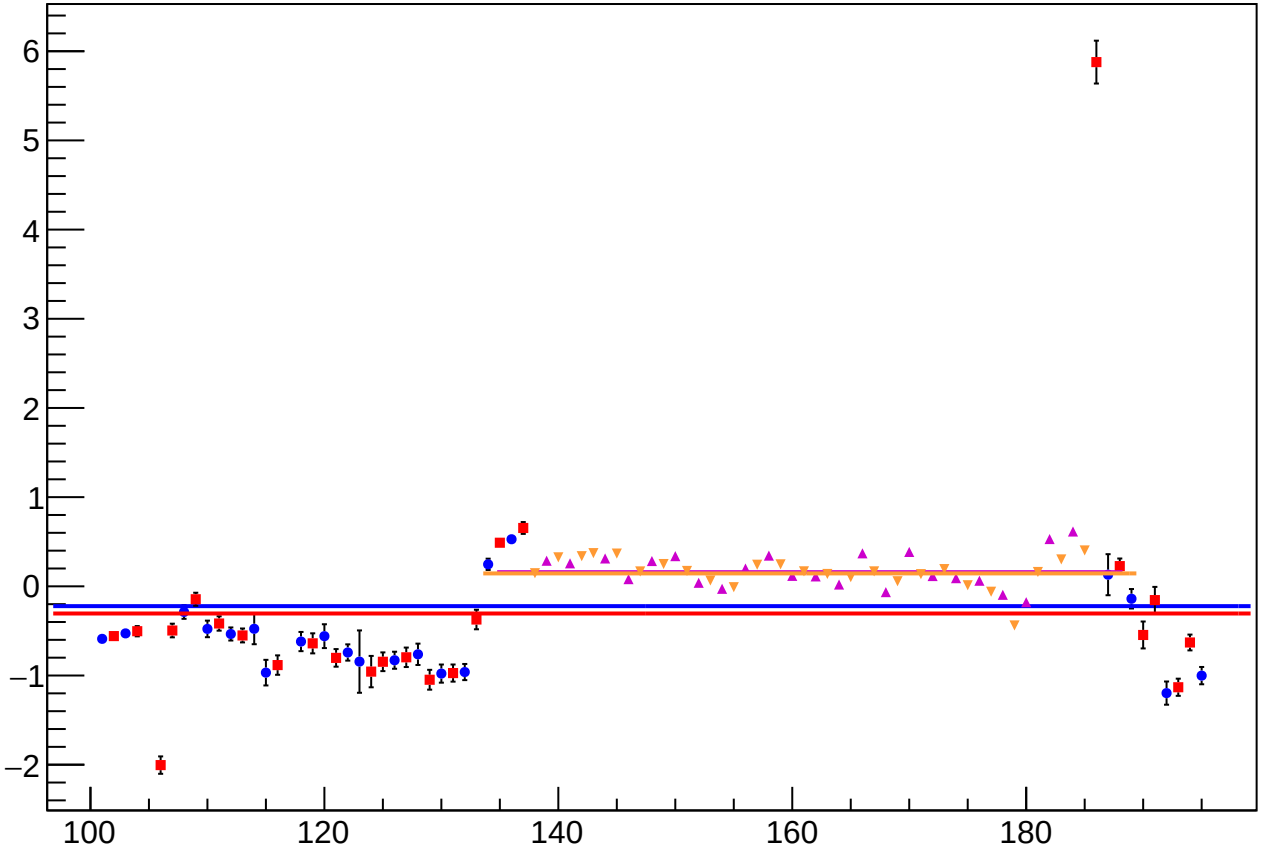
Right: 22.886+/-0.229 χ^2/NDF: 8593.2/44

In: 30.405+/-0.090 χ^2/NDF:7432.2/43

Out: 30.623+/-0.089 χ^2/NDF:8157.6/48

All: 30.515+/-0.063 χ^2/NDF: 15592.7/92

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.222+/-0.017 χ^2/NDF: 1126.7/20

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.305+/-0.017 χ^2/NDF: 1970.7/23

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

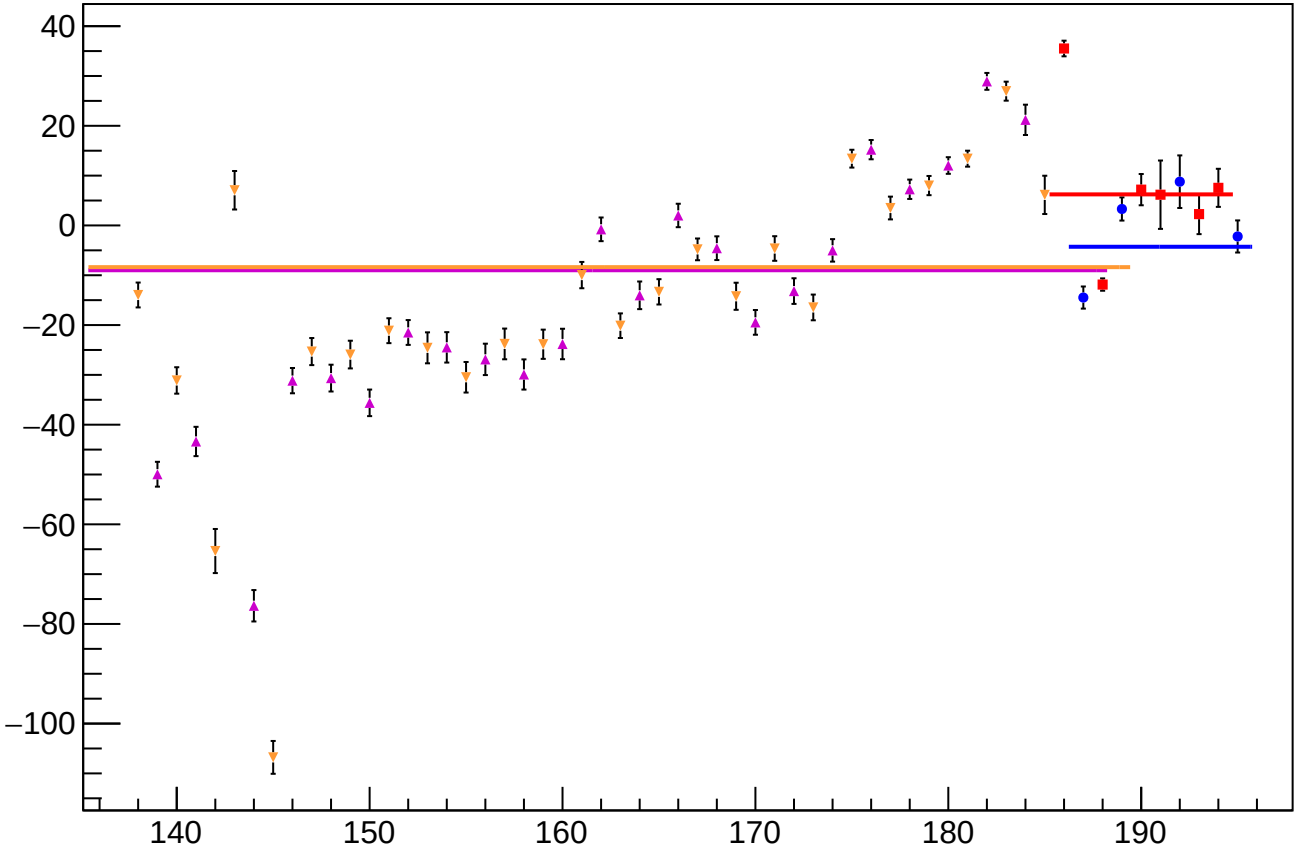
Right: -0.264+/-0.012 χ^2/NDF: 3109.3/44

In: 0.136+/-0.004 χ^2/NDF:3618.4/43

Out: 0.118+/-0.004 χ^2/NDF:4207.5/48

All: 0.127+/-0.003 χ^2/NDF: 7835.4/92

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.282+/-1.387 χ^2/NDF: 38.3/3

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 6.233+/-0.874 χ^2/NDF: 562.1/5

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

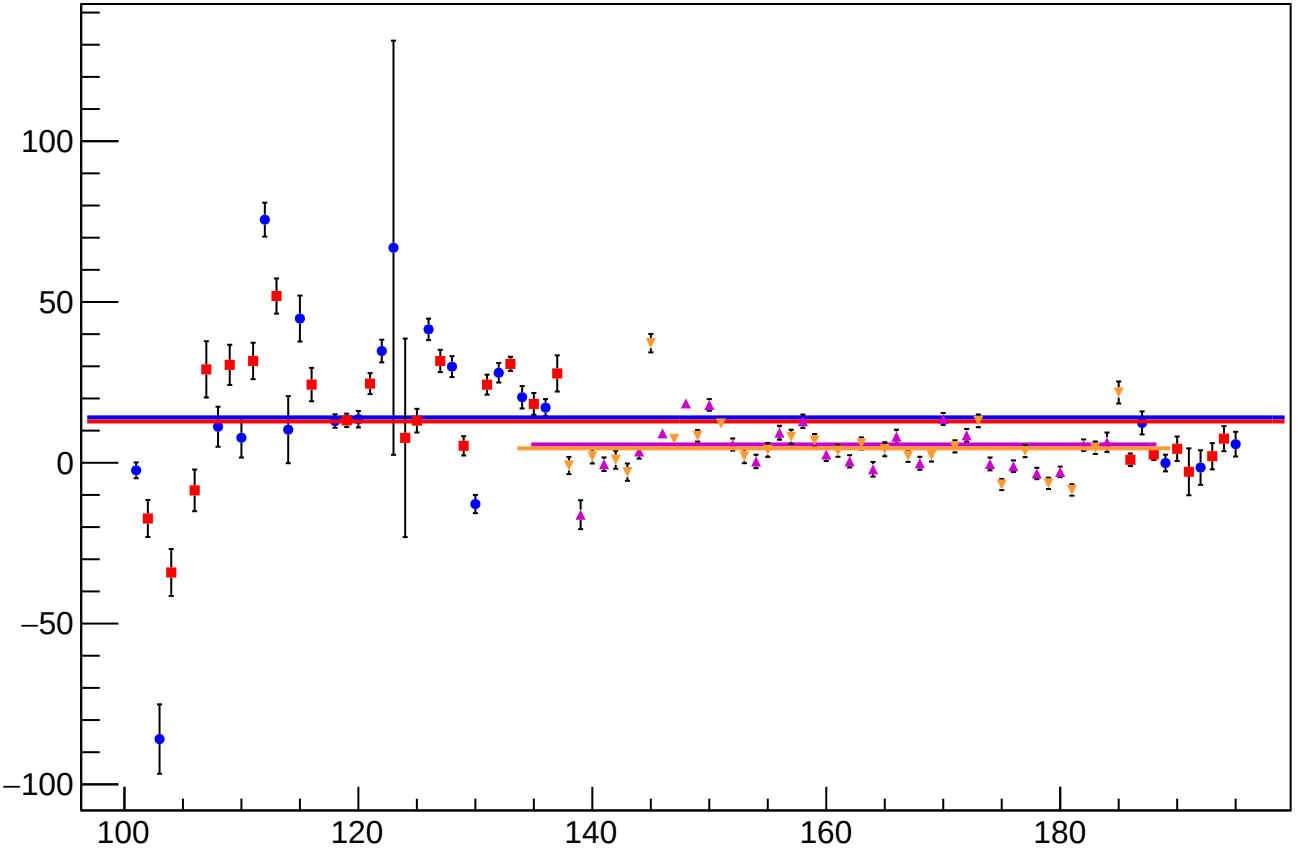
Right: 3.246+/-0.739 χ^2/NDF: 641.5/9

In: -8.443+/-0.475 χ^2/NDF:2356.7/26

Out: -4.768+/-0.434 χ^2/NDF:2996.6/30

All: -6.443+/-0.320 χ^2/NDF: 5386.0/57

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.115+/-0.762 χ^2/NDF: 570.8/20

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 12.843+/-0.699 χ^2/NDF: 387.9/23

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

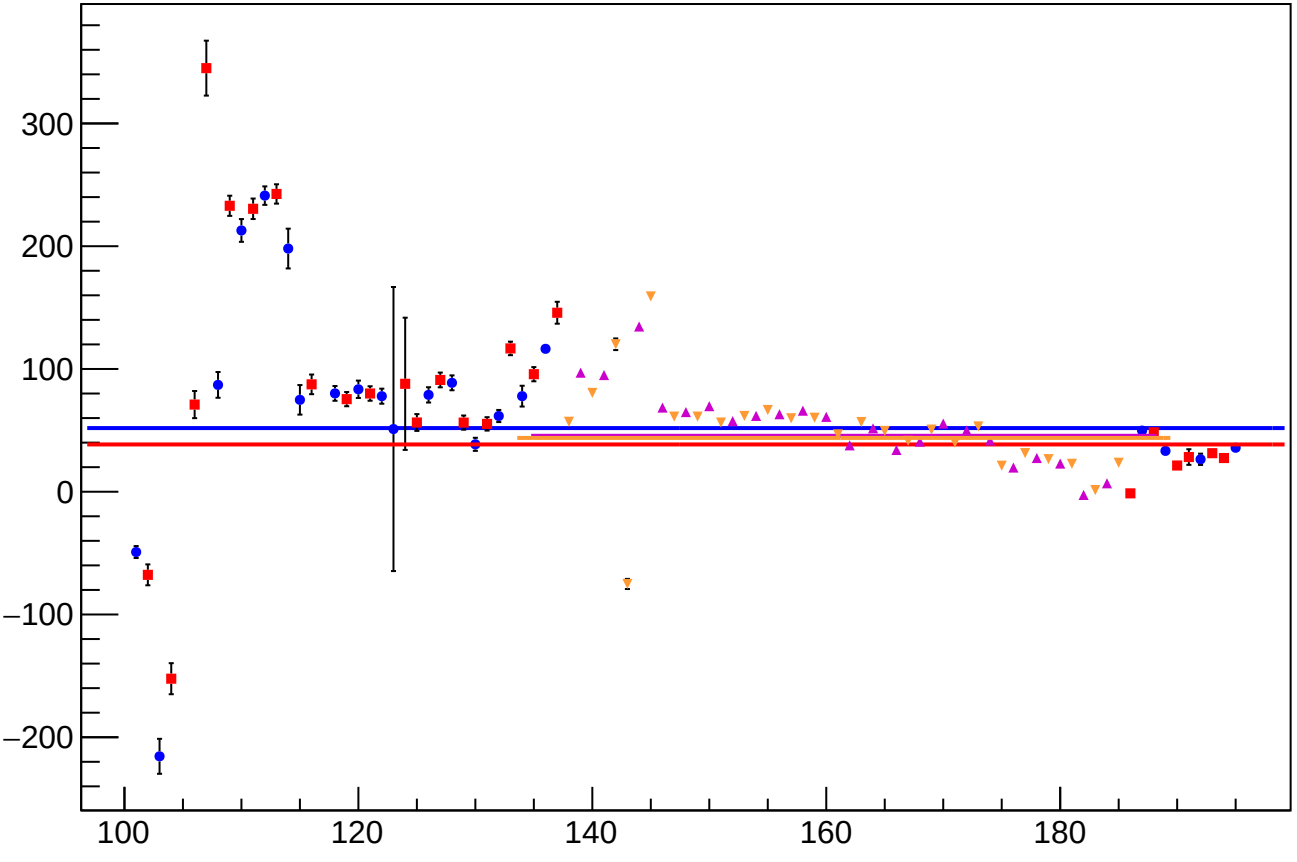
Right: 13.424+/-0.515 χ^2/NDF: 960.2/44

In: 7.539+/-0.356 χ^2/NDF:995.1/43

Out: 6.499+/-0.342 χ^2/NDF:868.5/48

All: 6.998+/-0.247 χ^2/NDF: 1868.1/92

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.853+/-0.950 χ^2/NDF: 2353.3/20

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 38.515+/-0.663 χ^2/NDF: 4167.3/23

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

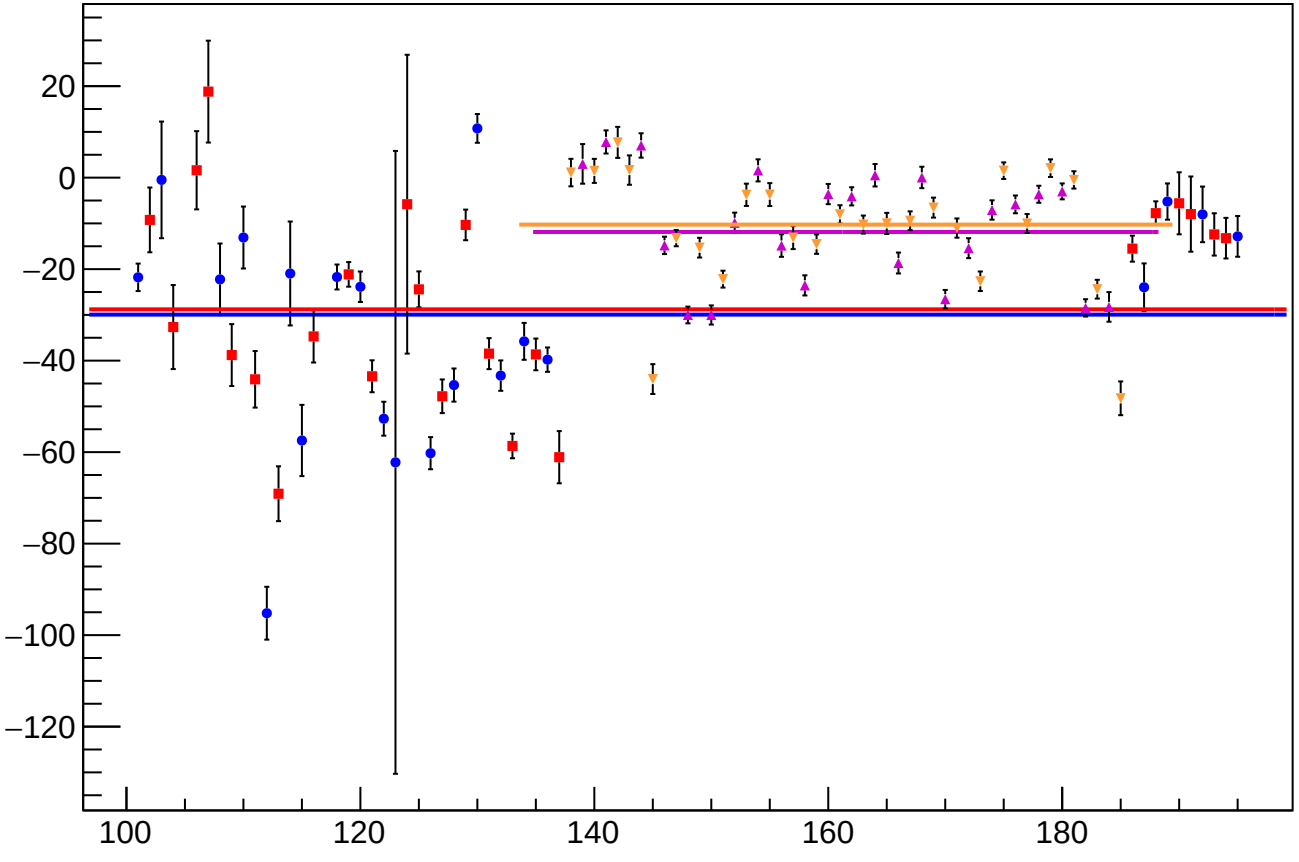
Right: 42.882+/-0.544 χ^2/NDF: 6653.1/44

In: 46.934+/-0.444 χ^2/NDF:5540.0/43

Out: 41.915+/-0.399 χ^2/NDF:7889.4/48

All: 44.154+/-0.297 χ^2/NDF: 13500.1/92

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -29.938+/-0.899 χ^2/NDF: 571.0/20

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -28.787+/-0.859 χ^2/NDF: 480.3/23

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

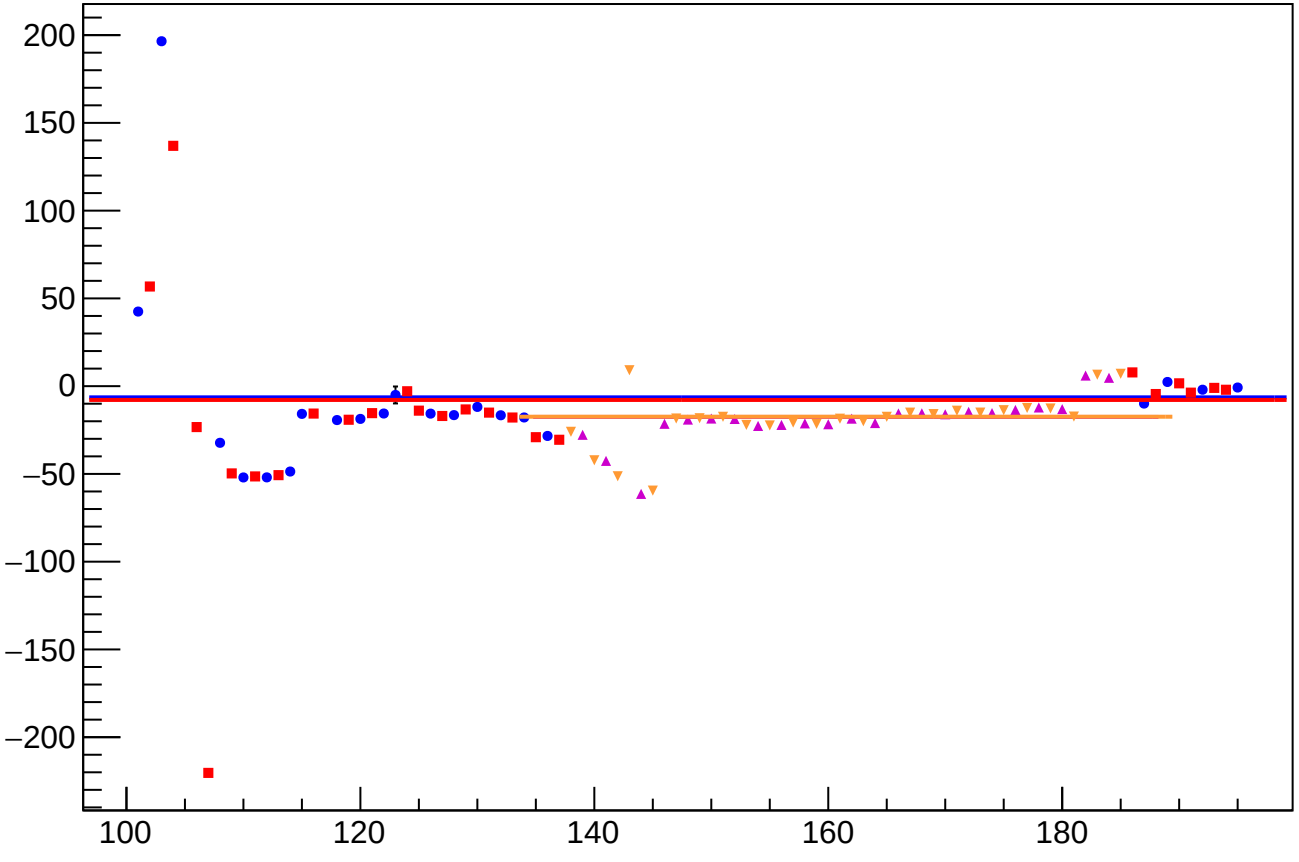
Right: -29.336+/-0.621 χ^2/NDF: 1052.1/44

In: -15.554+/-0.406 χ^2/NDF:1560.7/43

Out: -14.186+/-0.395 χ^2/NDF:1400.6/48

All: -14.852+/-0.283 χ^2/NDF: 2967.2/92

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.379+/-0.049 χ^2/NDF: 582644.7/20

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -7.851+/-0.045 χ^2/NDF: 571744.1/23

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

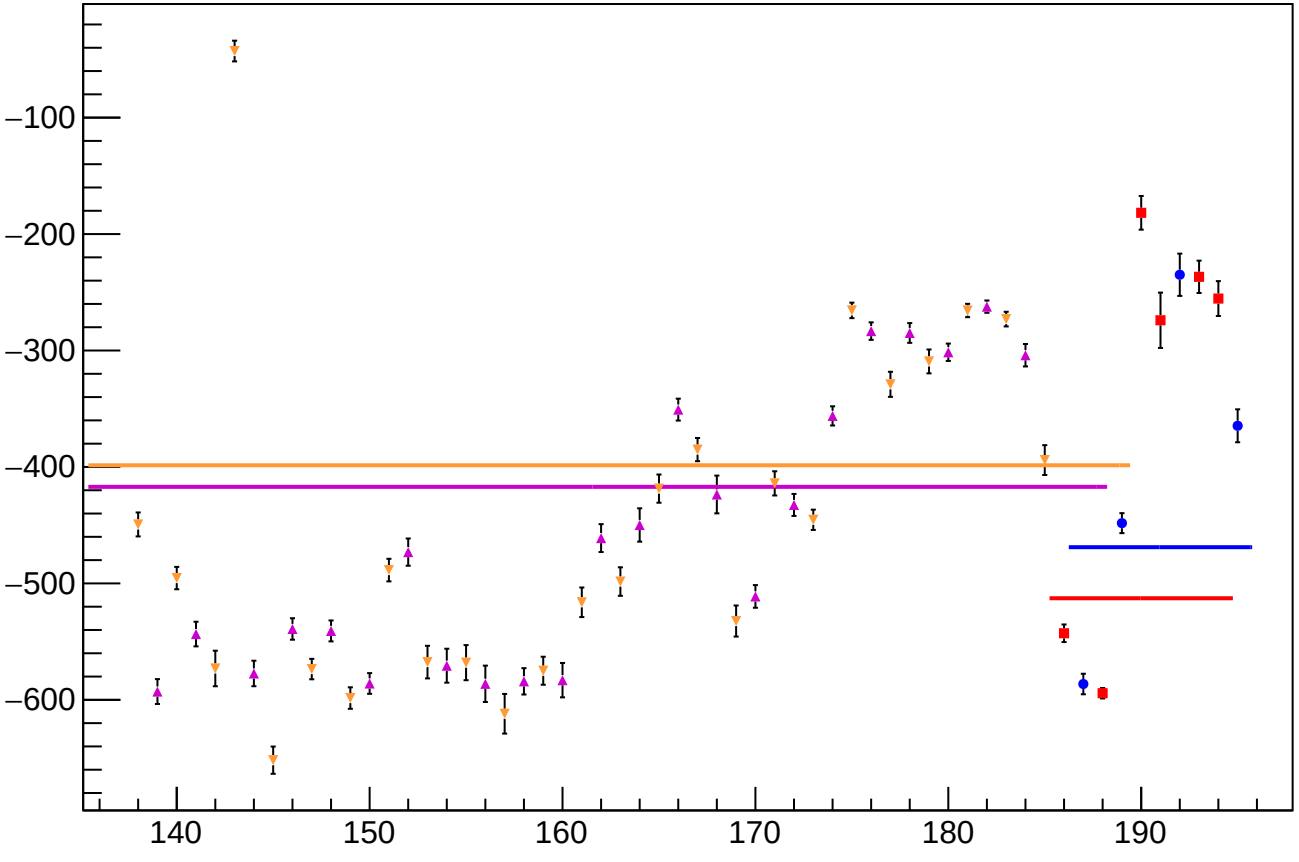
Right: -7.175+/-0.033 χ^2/NDF: 1154877.8/44

In: -15.872+/-0.019 χ^2/NDF:888815.9/43

Out: -15.783+/-0.019 χ^2/NDF:929270.6/48

All: -15.827+/-0.013 χ^2/NDF: 1818097.9/92

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -468.904+/-5.385 χ^2/NDF: 403.8/3

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -512.749+/-3.462 χ^2/NDF: 1661.0/5

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

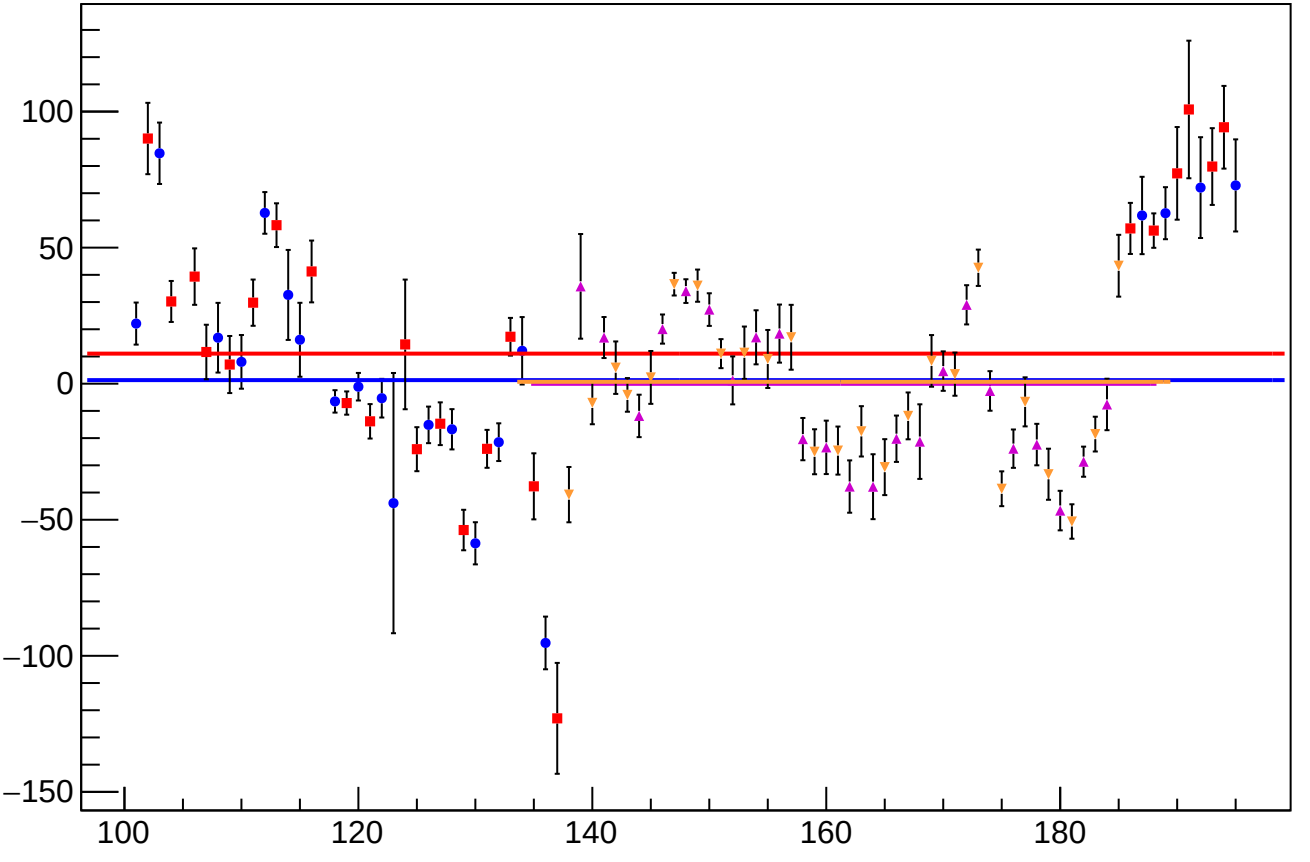
Right: -499.927+/-2.912 χ^2/NDF: 2111.6/9

In: -423.344+/-1.872 χ^2/NDF:4443.7/26

Out: -426.306+/-1.707 χ^2/NDF:8144.1/30

All: -424.961+/-1.261 χ^2/NDF: 12589.2/57

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.314+/-1.818 χ^2/NDF: 413.3/20

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 11.049+/-1.764 χ^2/NDF: 477.9/23

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

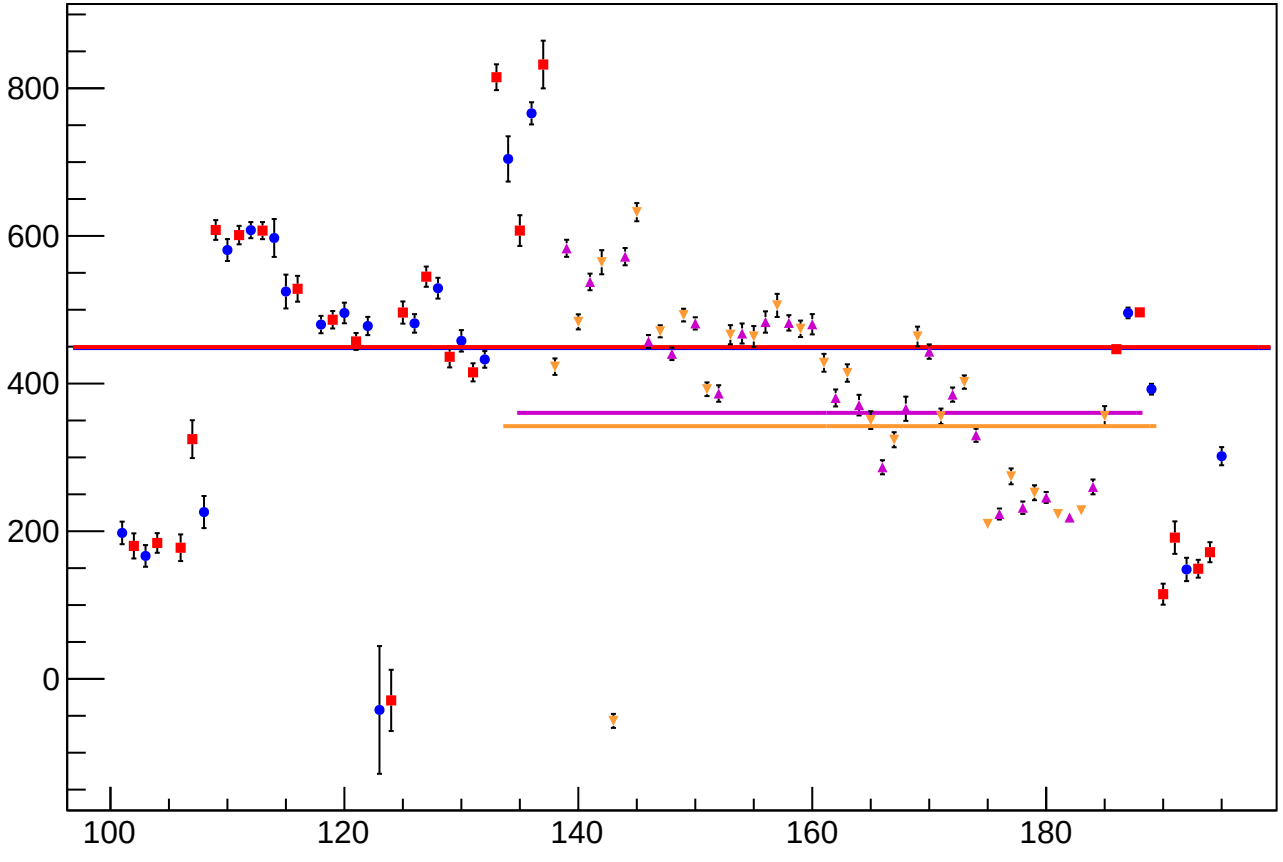
Right: 6.327+/-1.266 χ^2/NDF: 906.0/44

In: 0.532+/-1.189 χ^2/NDF:677.8/43

Out: 5.074+/-1.147 χ^2/NDF:847.7/48

All: 2.884+/-0.825 χ^2/NDF: 1533.0/92

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 448.067+/-2.835 χ^2/NDF: 2303.0/20

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 449.440+/-2.220 χ^2/NDF: 4136.1/23

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

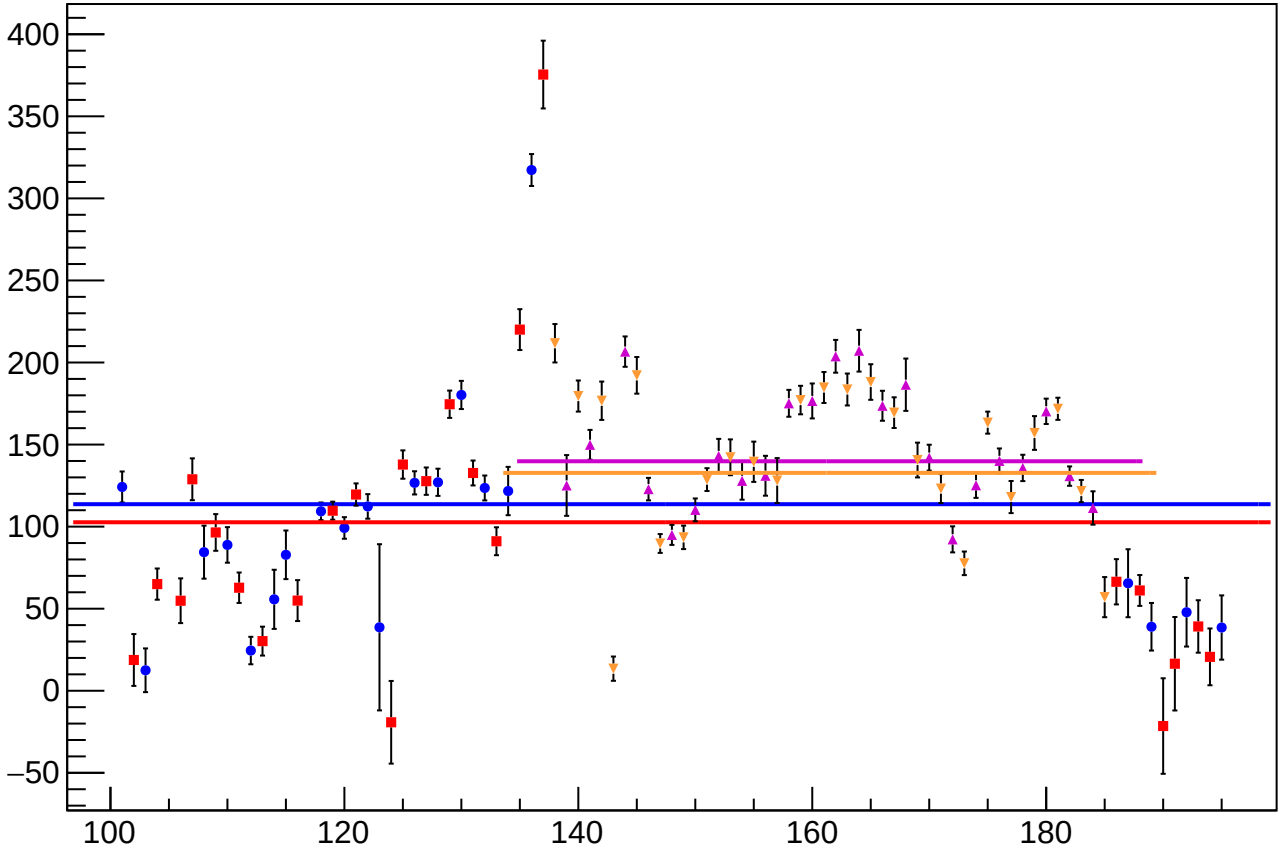
Right: 448.918+/-1.748 χ^2/NDF: 6439.2/44

In: 389.413+/-1.632 χ^2/NDF:6392.9/43

Out: 389.538+/-1.473 χ^2/NDF:10619.5/48

All: 389.482+/-1.094 χ^2/NDF: 17012.4/92

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 113.672+/-2.132 χ^2/NDF: 766.6/20

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 102.661+/-2.083 χ^2/NDF: 666.1/23

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

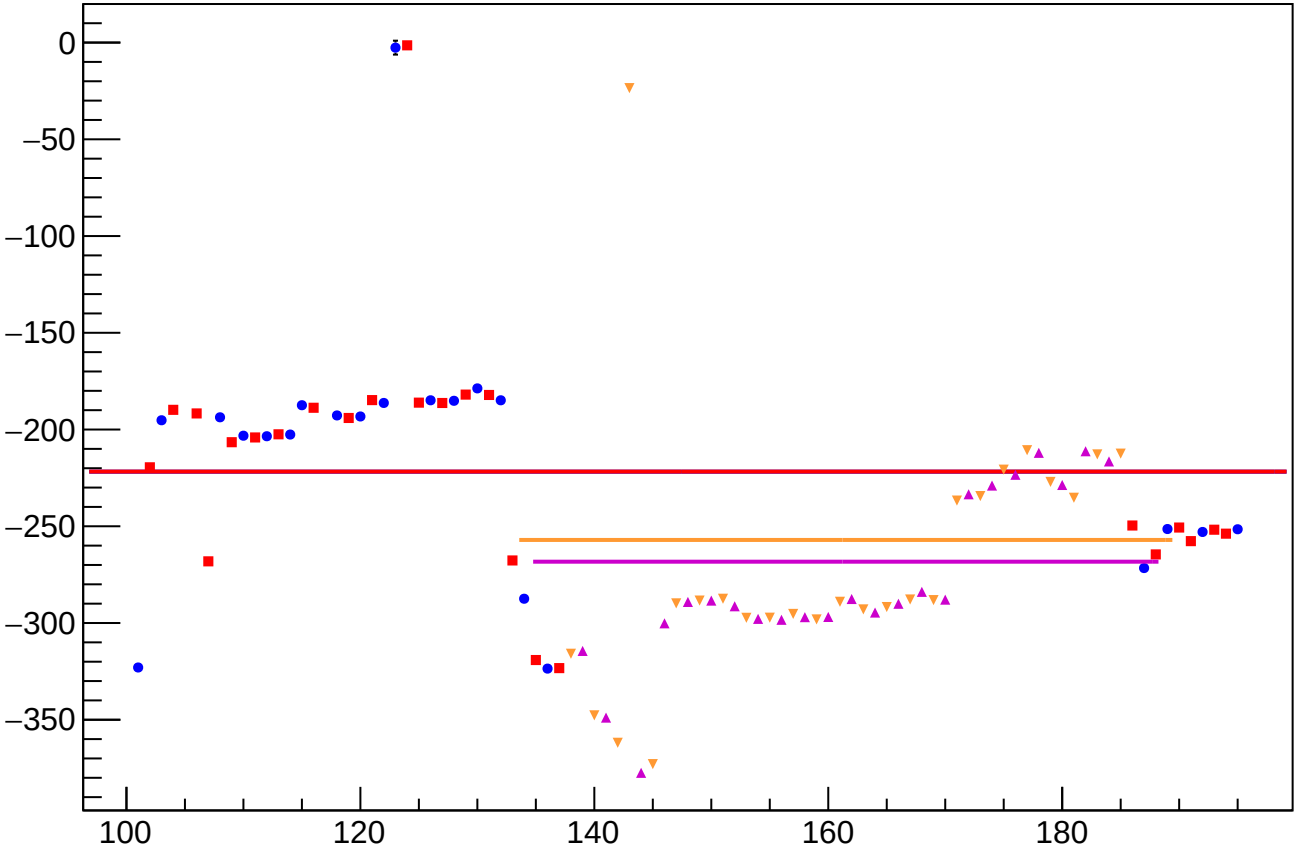
Right: 108.037+/-1.490 χ^2/NDF: 1446.4/44

In: 129.018+/-1.371 χ^2/NDF:1176.6/43

Out: 120.425+/-1.333 χ^2/NDF:1539.0/48

All: 124.602+/-0.956 χ^2/NDF: 2735.7/92

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.786+/-0.126 χ^2/NDF: 157222.5/20

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -221.730+/-0.115 χ^2/NDF: 137434.6/23

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

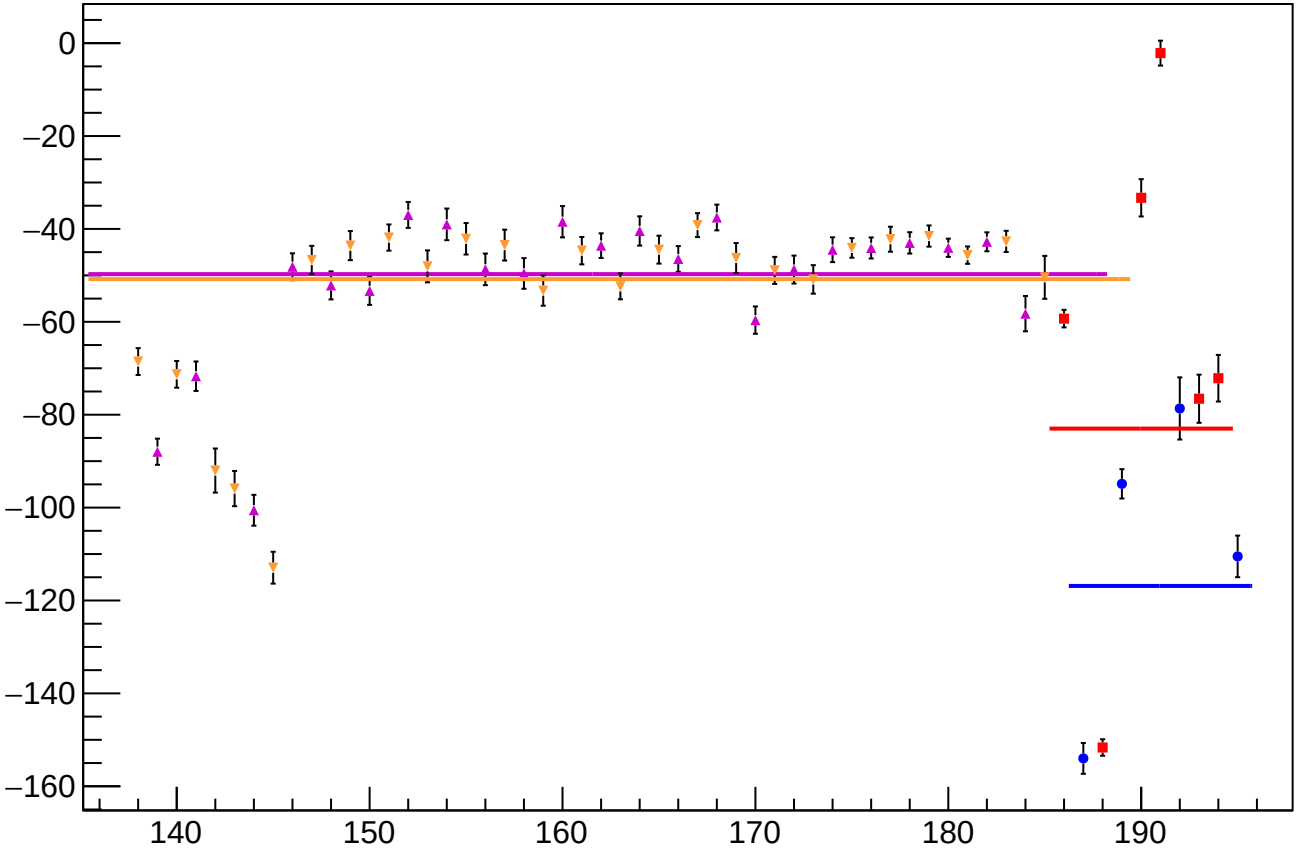
Right: -221.755+/-0.085 χ^2/NDF: 294657.2/44

In: -254.184+/-0.069 χ^2/NDF:516821.5/43

Out: -245.171+/-0.067 χ^2/NDF:865294.6/48

All: -249.514+/-0.048 χ^2/NDF: 1390832.2/92

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -116.867+/-1.949 χ^2/NDF: 208.3/3

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -82.987+/-1.069 χ^2/NDF: 2715.0/5

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

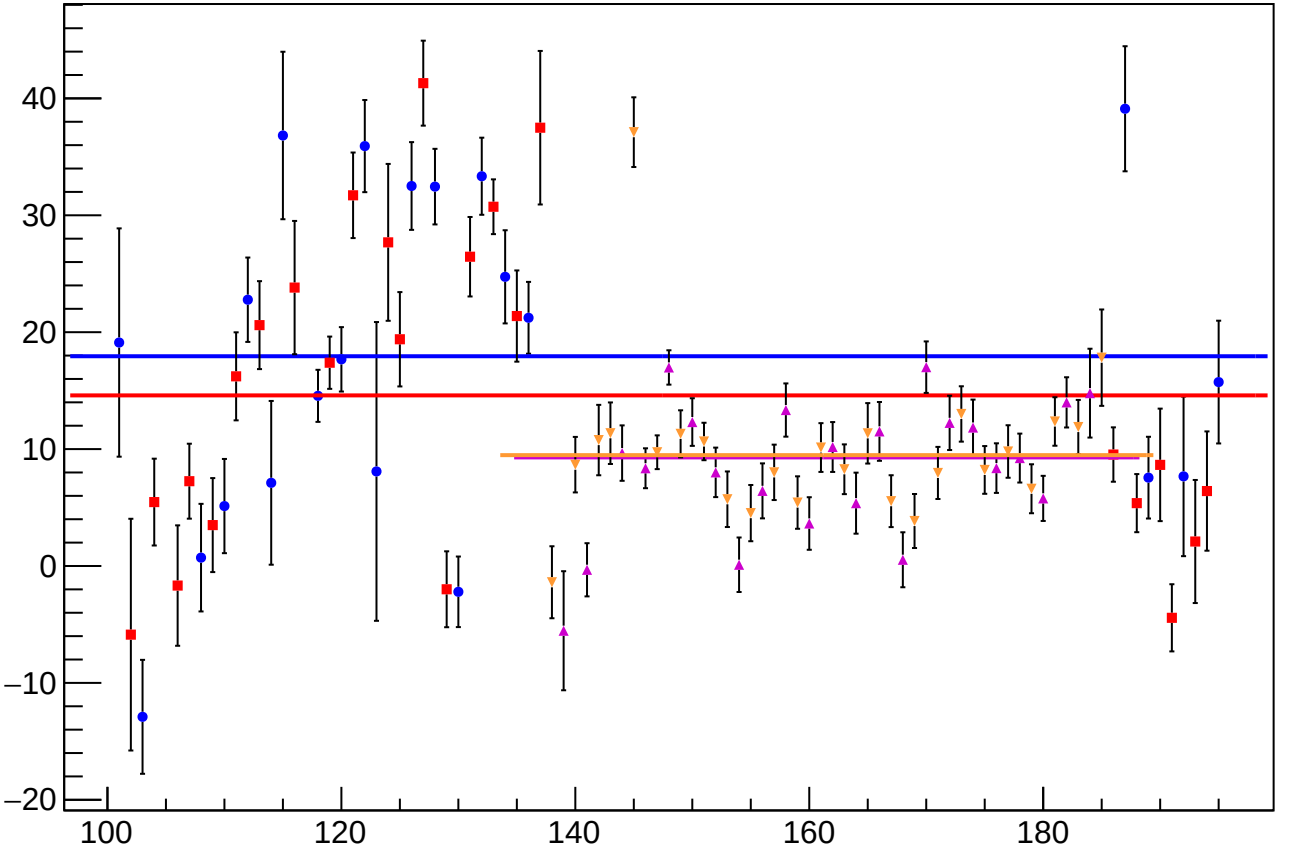
Right: -90.821+/-0.937 χ^2/NDF: 3155.5/9

In: -55.214+/-0.557 χ^2/NDF:1898.6/26

Out: -58.000+/-0.506 χ^2/NDF:4171.2/30

All: -56.742+/-0.374 χ^2/NDF: 6083.5/57

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.943+/-0.847 χ^2/NDF: 231.6/20

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.594+/-0.721 χ^2/NDF: 294.2/23

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

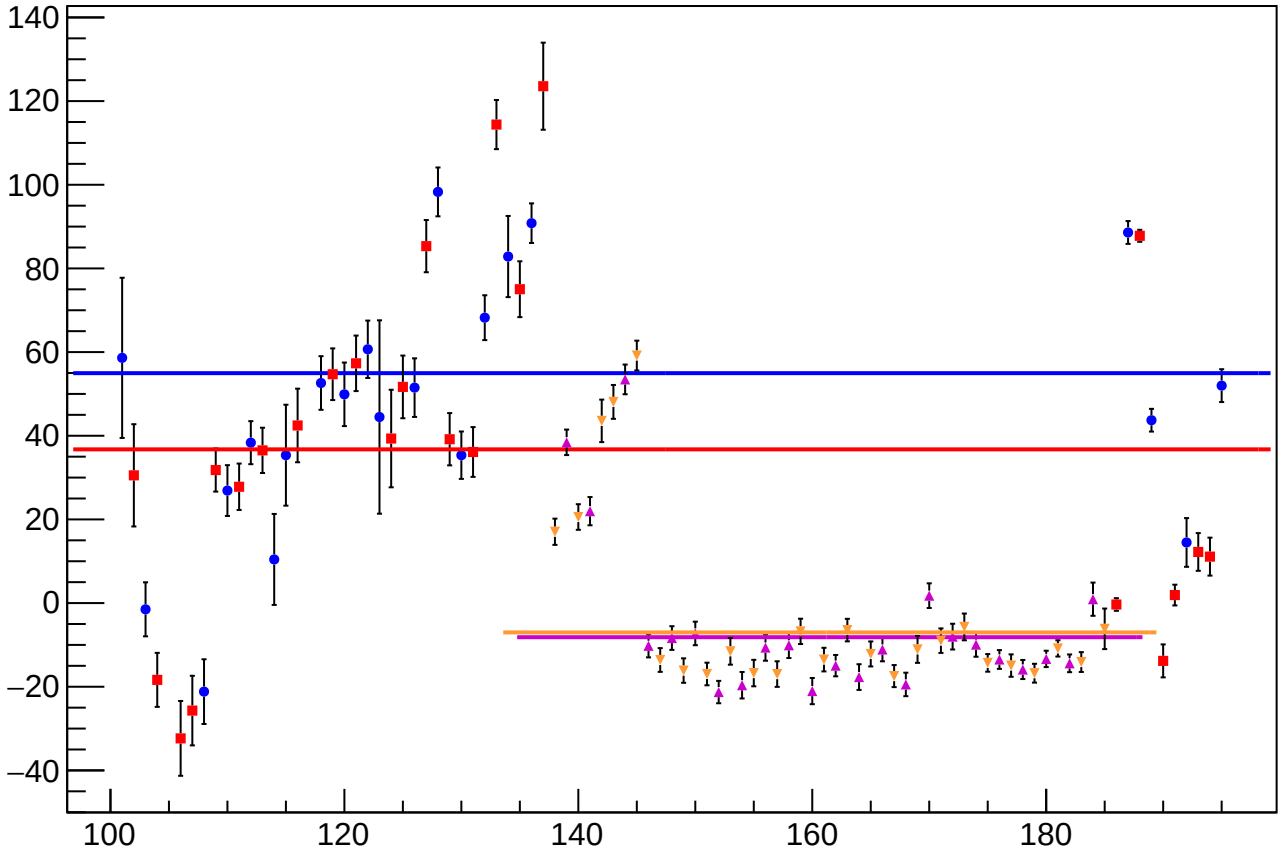
Right: 16.001+/-0.549 χ^2/NDF: 534.9/44

In: 11.264+/-0.405 χ^2/NDF:437.8/43

Out: 10.901+/-0.380 χ^2/NDF:463.5/48

All: 11.071+/-0.277 χ^2/NDF: 901.8/92

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.965+/-1.175 χ^2/NDF: 583.3/20

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 36.747+/-0.782 χ^2/NDF: 2843.2/23

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

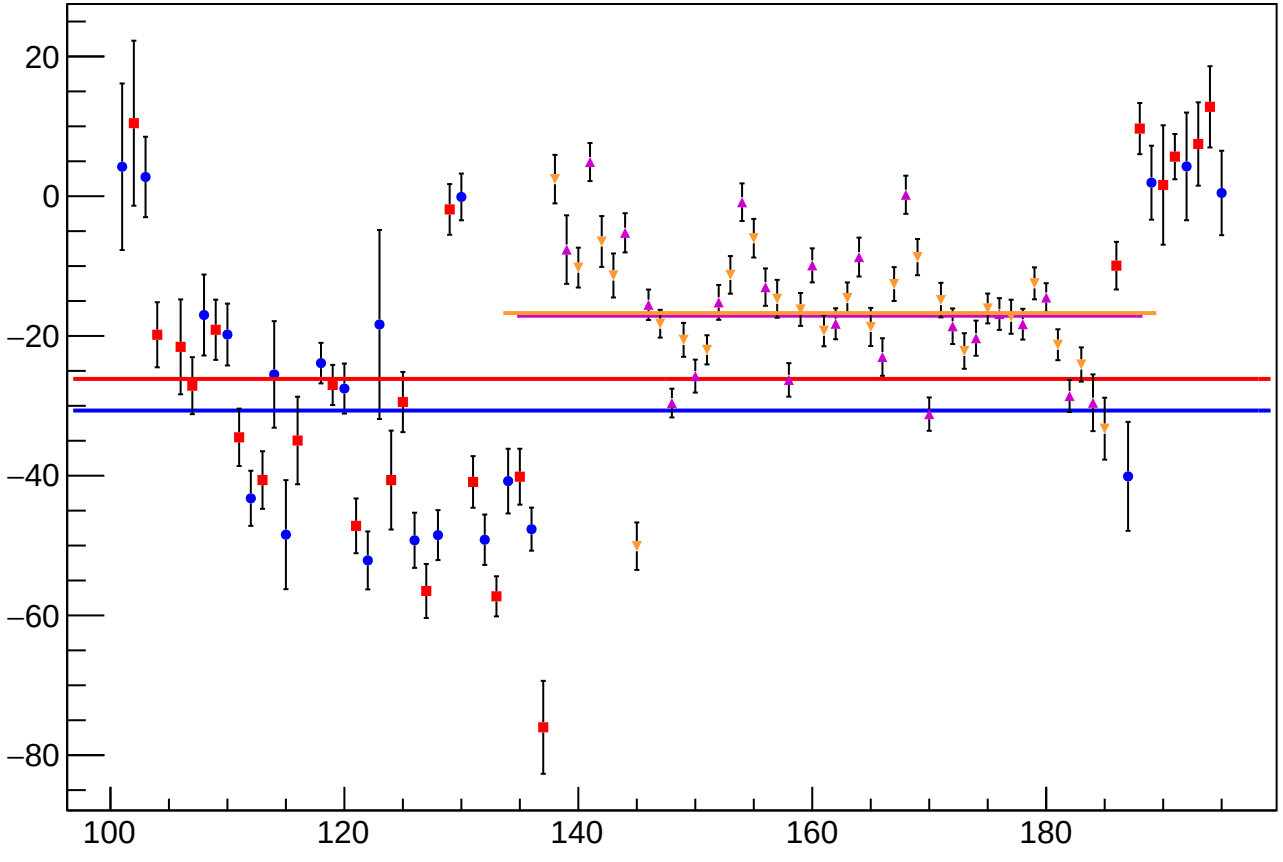
Right: 42.332+/-0.651 χ^2/NDF: 3593.1/44

In: 4.124+/-0.518 χ^2/NDF:3660.5/43

Out: 8.252+/-0.462 χ^2/NDF:5783.7/48

All: 6.427+/-0.345 χ^2/NDF: 9479.5/92

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.677+/-0.984 χ^2/NDF: 382.0/20

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -26.150+/-0.863 χ^2/NDF: 677.1/23

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

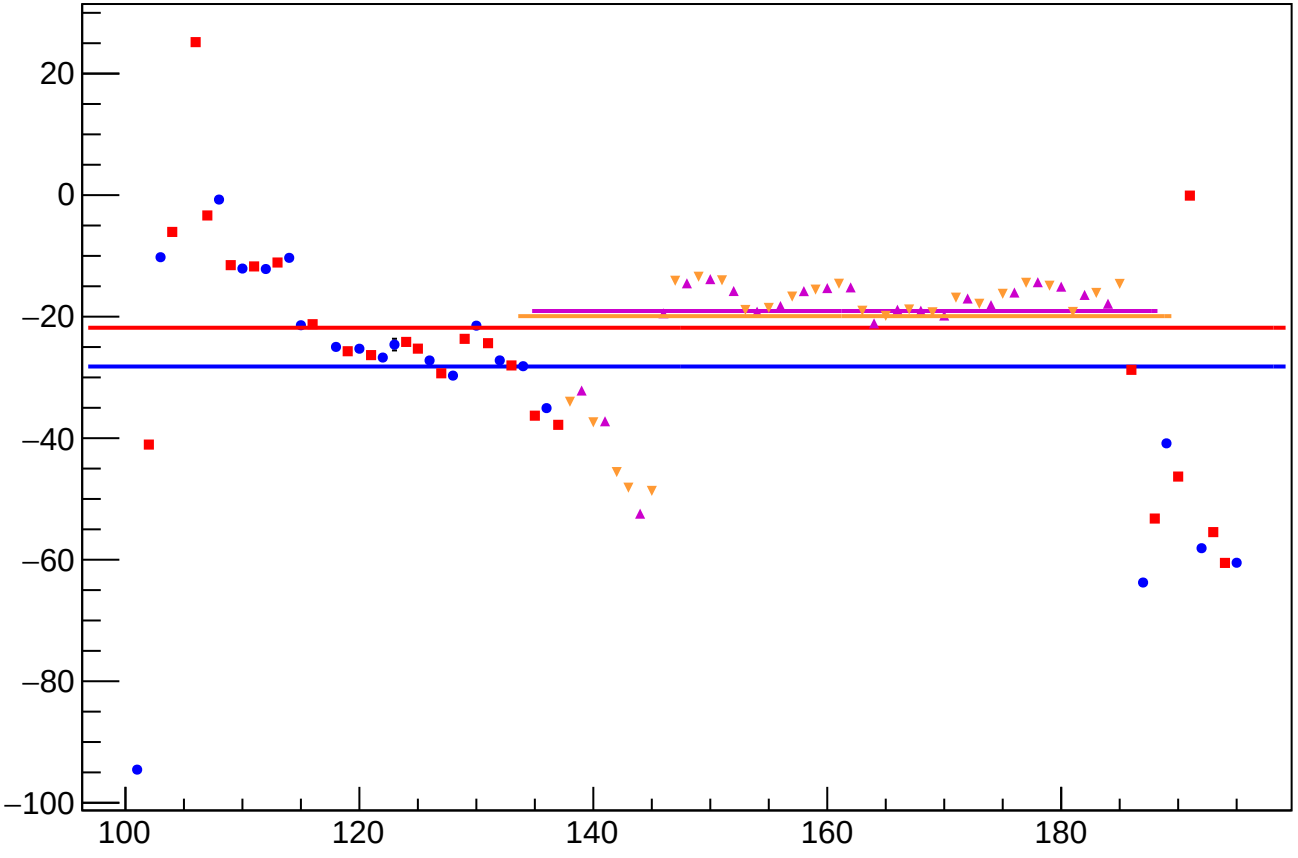
Right: -28.119+/-0.649 χ^2/NDF: 1071.1/44

In: -20.070+/-0.460 χ^2/NDF:858.9/43

Out: -19.150+/-0.438 χ^2/NDF:989.0/48

All: -19.587+/-0.317 χ^2/NDF: 1850.0/92

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.204+/-0.052 χ^2/NDF: 119345.6/20

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -21.824+/-0.042 χ^2/NDF: 268111.6/23

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

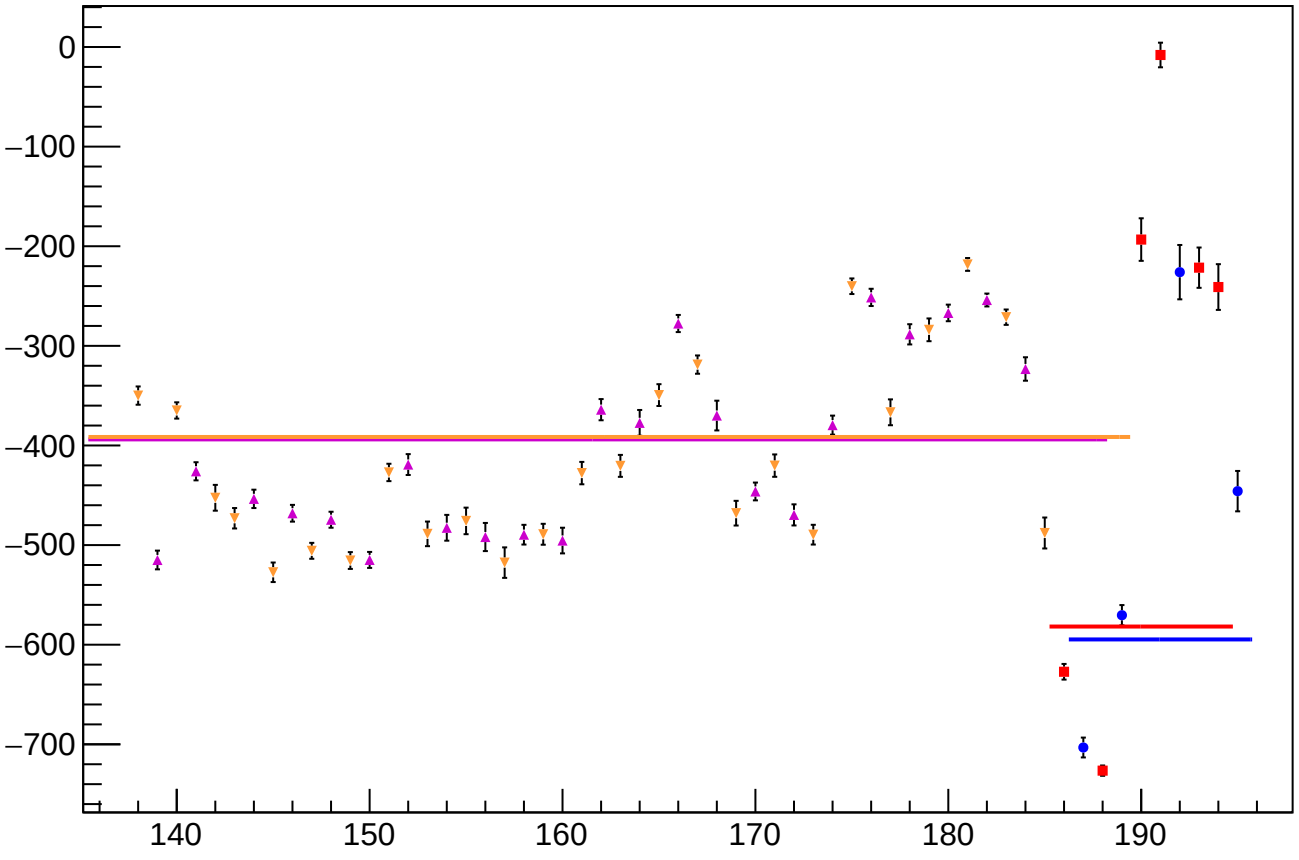
Right: -24.344+/-0.033 χ^2/NDF: 396436.2/44

In: -20.607+/-0.021 χ^2/NDF:237350.8/43

Out: -20.360+/-0.020 χ^2/NDF:410763.6/48

All: -20.478+/-0.015 χ^2/NDF: 648183.8/92

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -594.718+/-6.521 χ^2/NDF: 360.8/3

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -581.768+/-3.877 χ^2/NDF: 3834.0/5

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

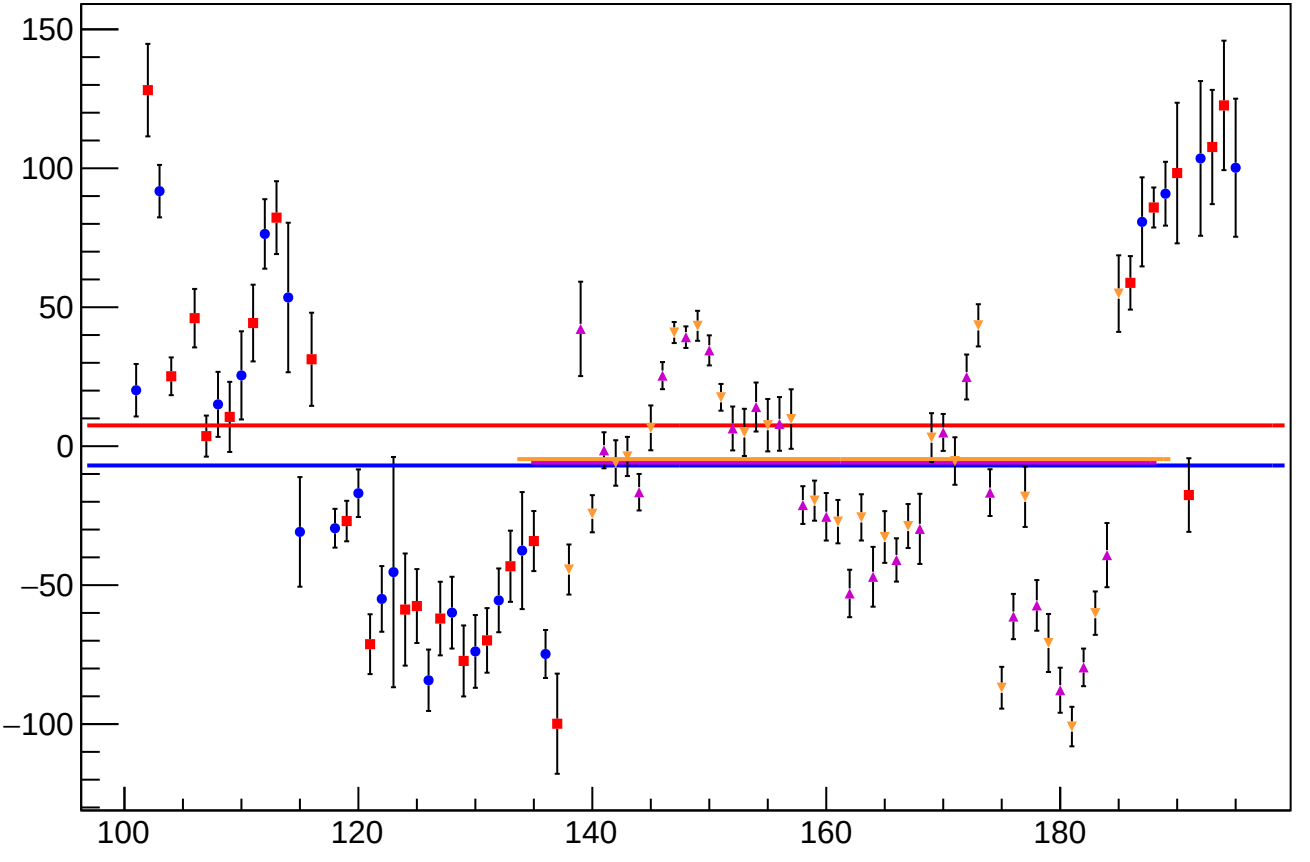
Right: -585.150+/-3.332 χ^2/NDF: 4197.7/9

In: -411.136+/-1.910 χ^2/NDF:3508.6/26

Out: -430.610+/-1.758 χ^2/NDF:8456.6/30

All: -421.679+/-1.294 χ^2/NDF: 12021.5/57

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.939+/-2.638 χ^2/NDF: 515.8/20

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 7.480+/-2.309 χ^2/NDF: 618.7/23

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

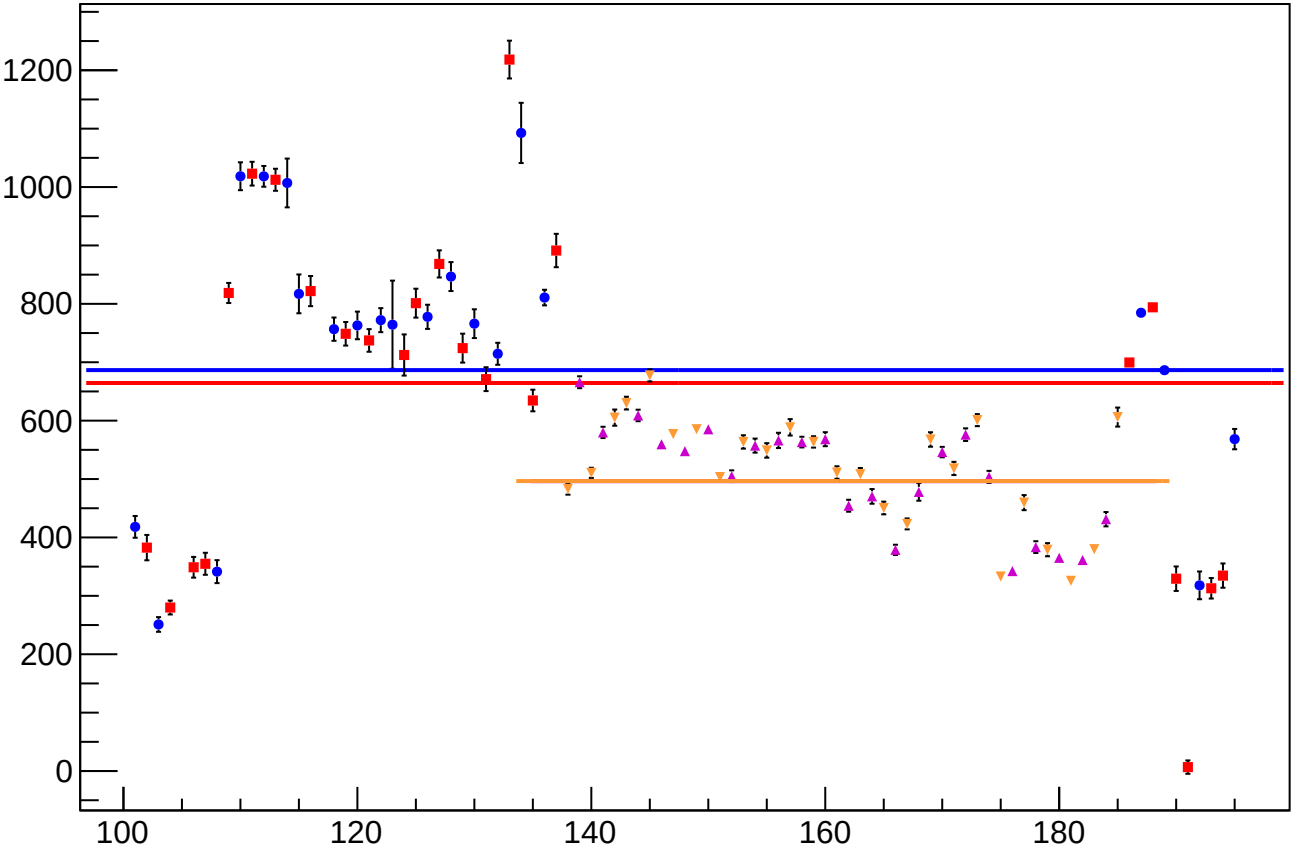
Right: 1.227+/-1.737 χ^2/NDF: 1151.4/44

In: -6.162+/-1.313 χ^2/NDF:1173.5/43

Out: -1.149+/-1.238 χ^2/NDF:1409.7/48

All: -3.510+/-0.901 χ^2/NDF: 2590.9/92

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 686.544+/-3.693 χ^2/NDF: 3021.8/20

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 664.481+/-2.648 χ^2/NDF: 8281.4/23

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

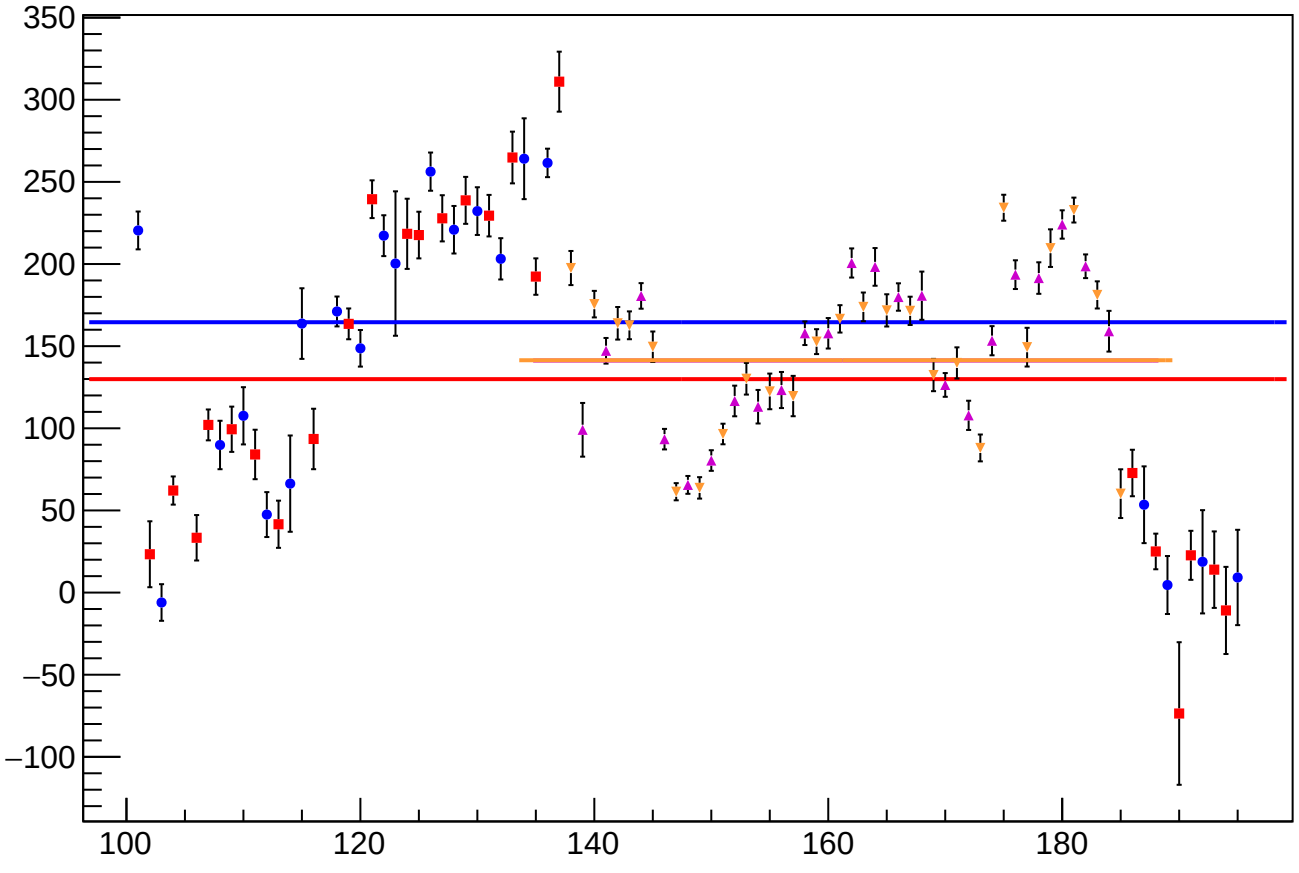
Right: 671.975+/-2.152 χ^2/NDF: 11326.8/44

In: 539.039+/-1.749 χ^2/NDF:7374.7/43

Out: 556.406+/-1.581 χ^2/NDF:13458.4/48

All: 548.594+/-1.173 χ^2/NDF: 20887.4/92

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 164.576+/-3.090 χ^2/NDF: 804.7/20

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 129.926+/-2.780 χ^2/NDF: 971.6/23

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

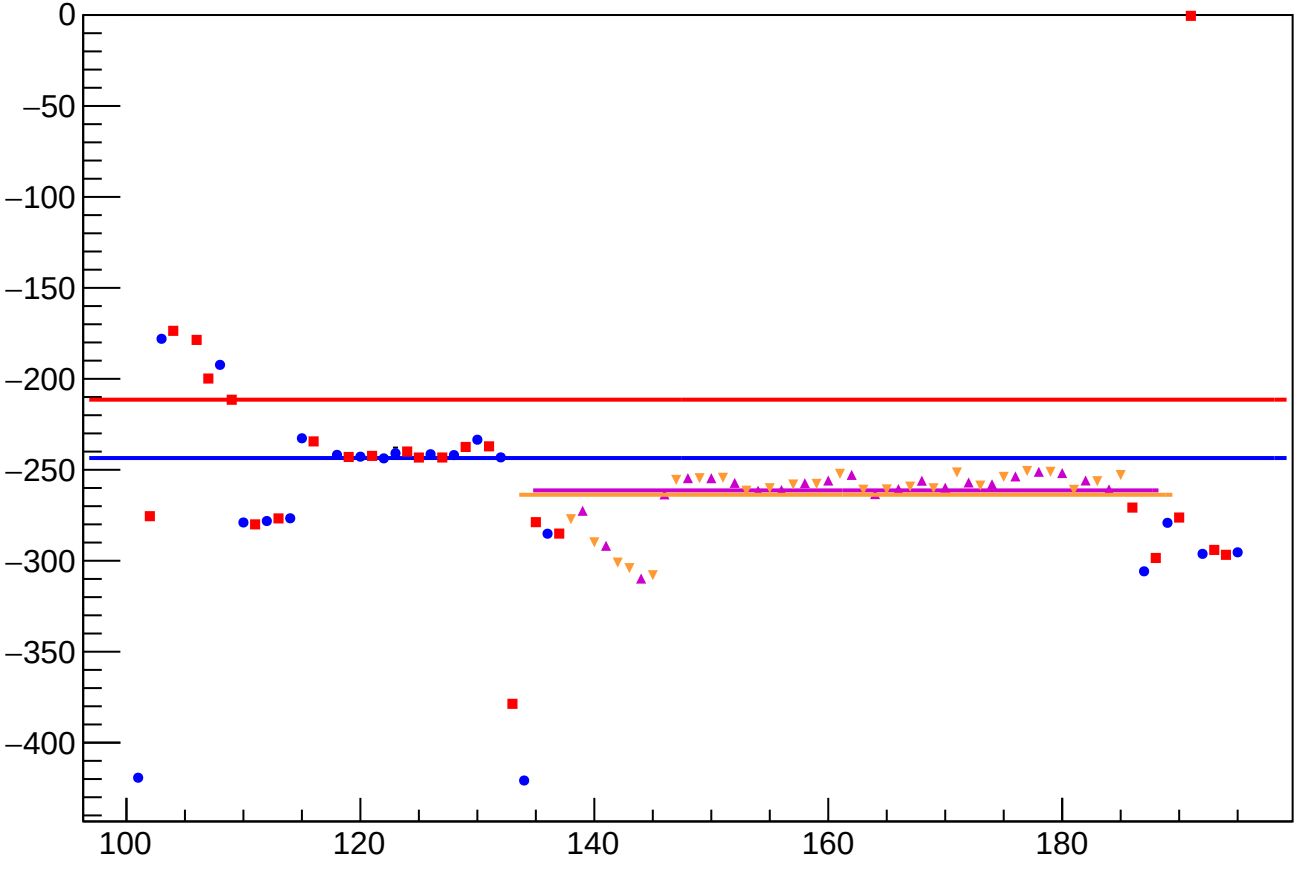
Right: 145.428+/-2.067 χ^2/NDF: 1845.8/44

In: 146.883+/-1.519 χ^2/NDF:1592.1/43

Out: 138.289+/-1.453 χ^2/NDF:1941.7/48

All: 142.396+/-1.050 χ^2/NDF: 3550.6/92

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -243.538+/-0.152 χ^2/NDF: 178514.3/20

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -211.455+/-0.132 χ^2/NDF: 424458.5/23

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

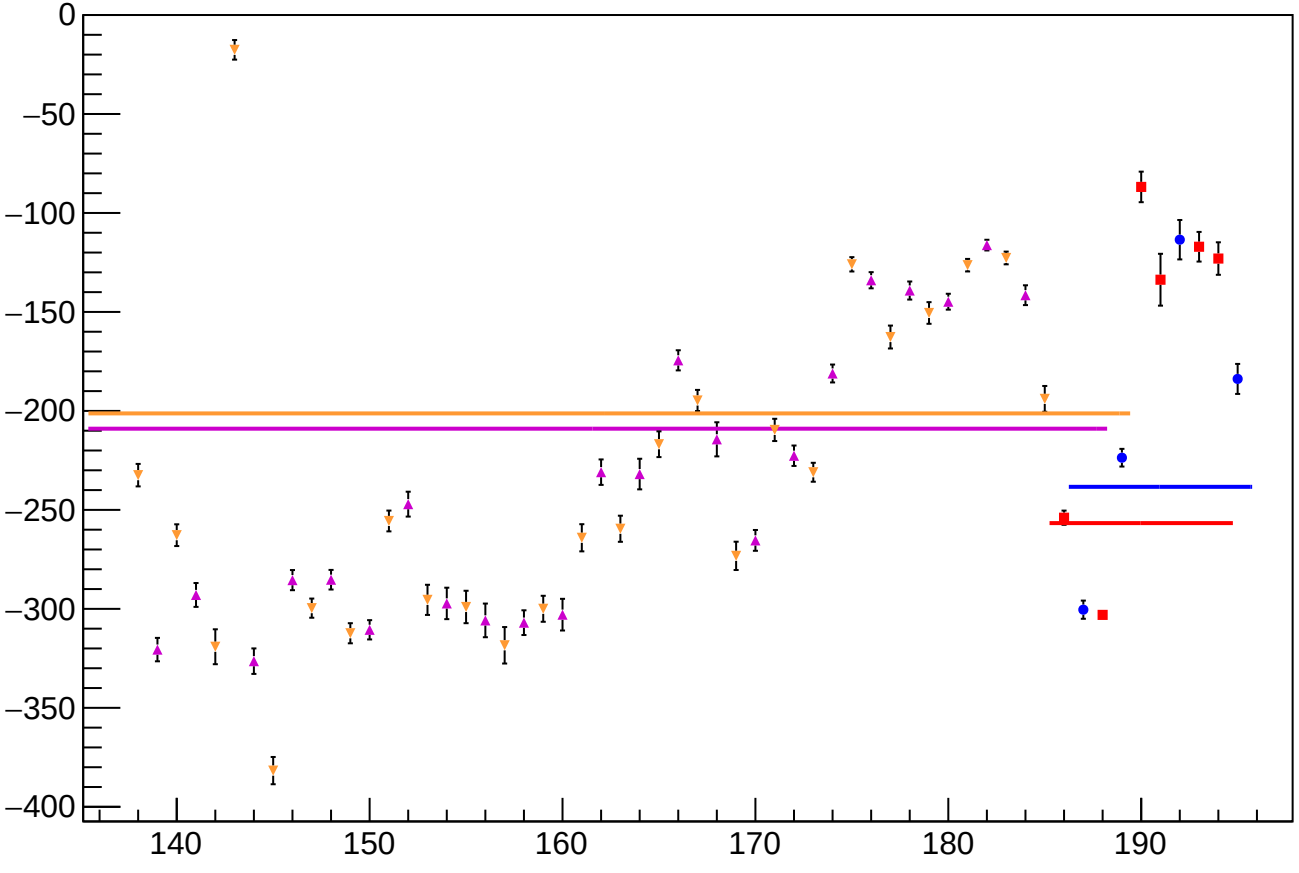
Right: -225.254+/-0.100 χ^2/NDF: 628442.4/44

In: -257.333+/-0.072 χ^2/NDF:212616.7/43

Out: -249.288+/-0.069 χ^2/NDF:576167.4/48

All: -253.163+/-0.050 χ^2/NDF: 795272.4/92

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -238.351+/-2.828 χ^2/NDF: 402.4/3

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -256.675+/-1.794 χ^2/NDF: 1568.2/5

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

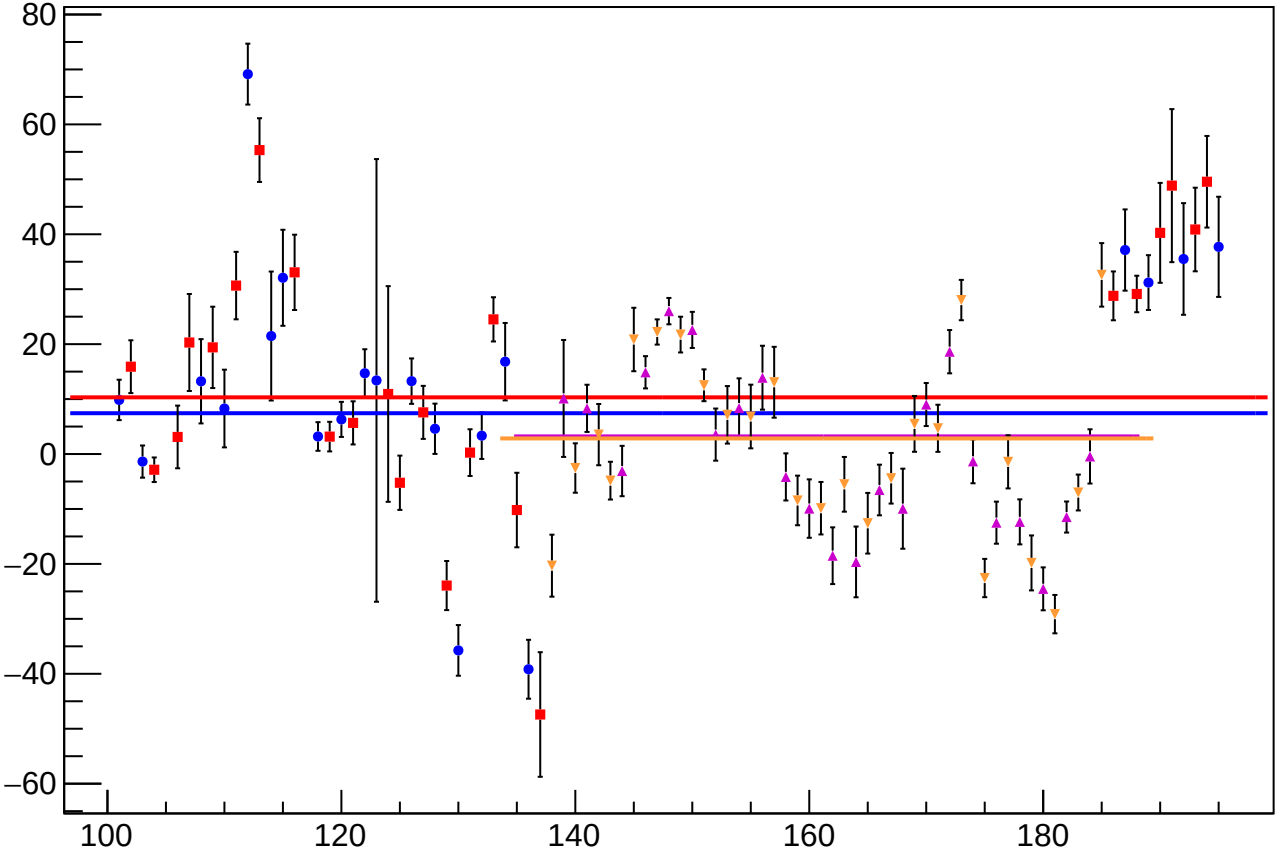
Right: -251.420+/-1.515 χ^2/NDF: 2000.5/9

In: -212.707+/-1.007 χ^2/NDF:5361.8/26

Out: -215.715+/-0.916 χ^2/NDF:8383.8/30

All: -214.354+/-0.678 χ^2/NDF: 13750.5/57

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.429+/-1.041 χ^2/NDF: 374.9/20

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 10.319+/-0.972 χ^2/NDF: 359.4/23

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

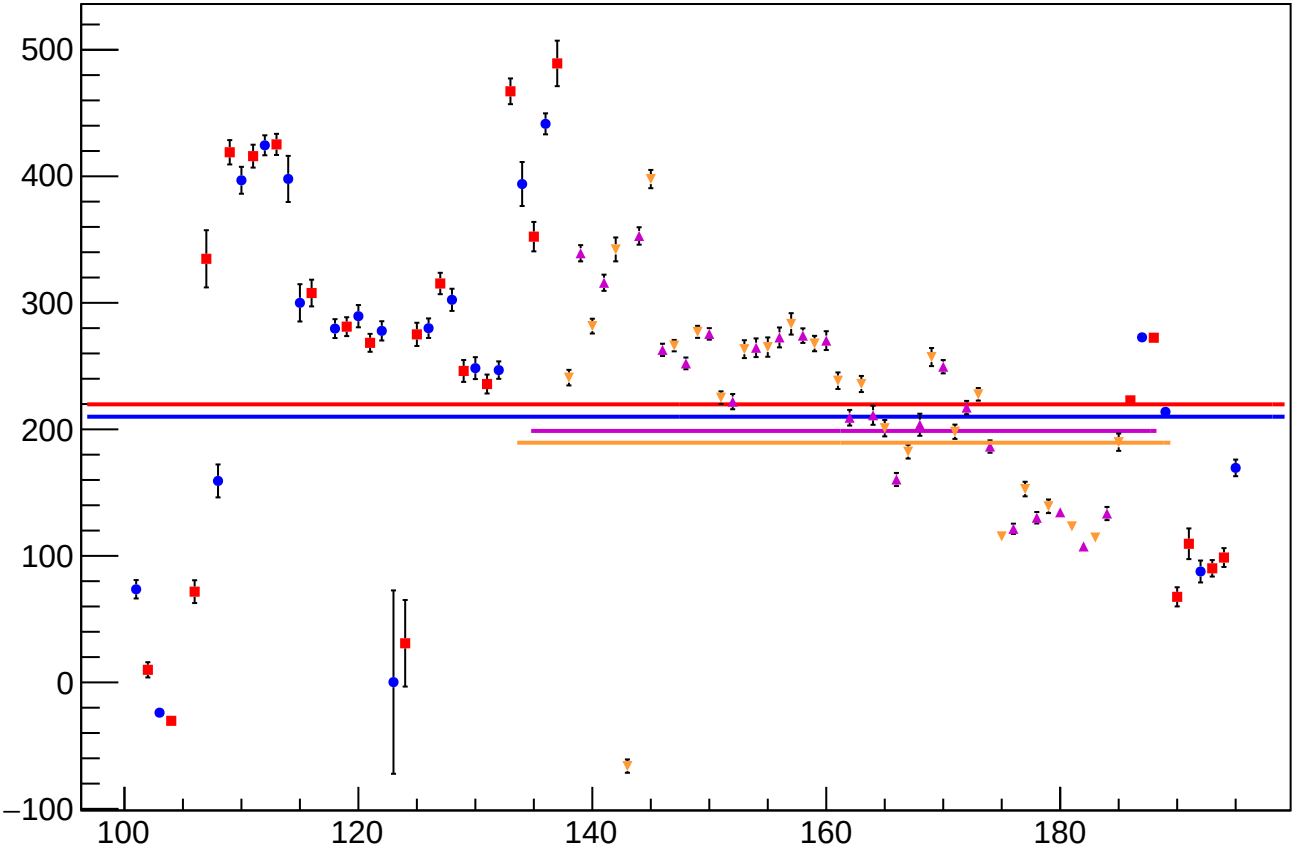
Right: 8.973+/-0.710 χ^2/NDF: 738.4/44

In: 4.908+/-0.660 χ^2/NDF:708.6/43

Out: 5.968+/-0.628 χ^2/NDF:814.5/48

All: 5.464+/-0.455 χ^2/NDF: 1524.4/92

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 209.999+/-1.518 χ^2/NDF: 7286.2/20

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 219.761+/-1.170 χ^2/NDF: 10233.6/23

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

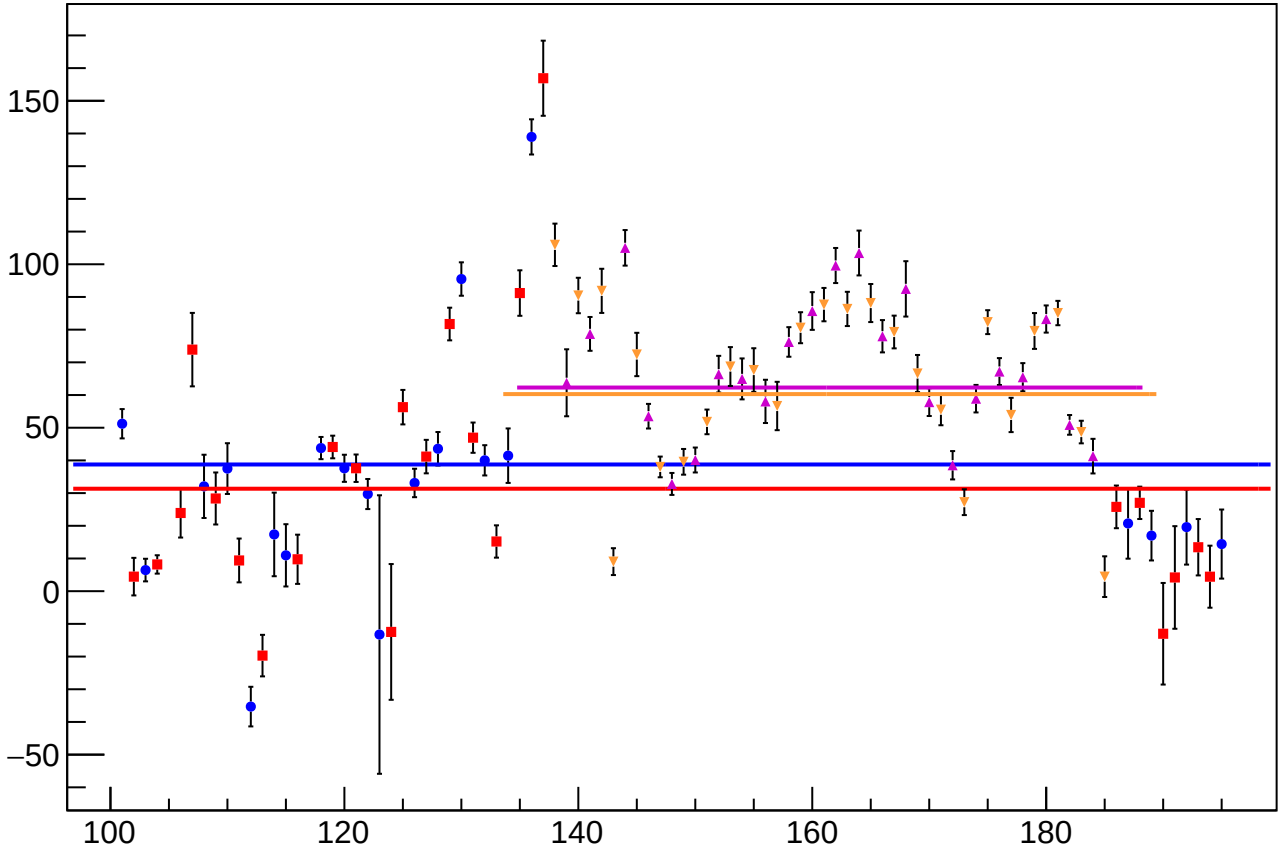
Right: 216.121+/-0.927 χ^2/NDF: 17545.7/44

In: 202.528+/-0.879 χ^2/NDF:11912.6/43

Out: 203.246+/-0.790 χ^2/NDF:17248.6/48

All: 202.926+/-0.587 χ^2/NDF: 29161.6/92

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.756+/-1.226 χ^2/NDF: 755.4/20

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 31.342+/-1.168 χ^2/NDF: 577.2/23

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

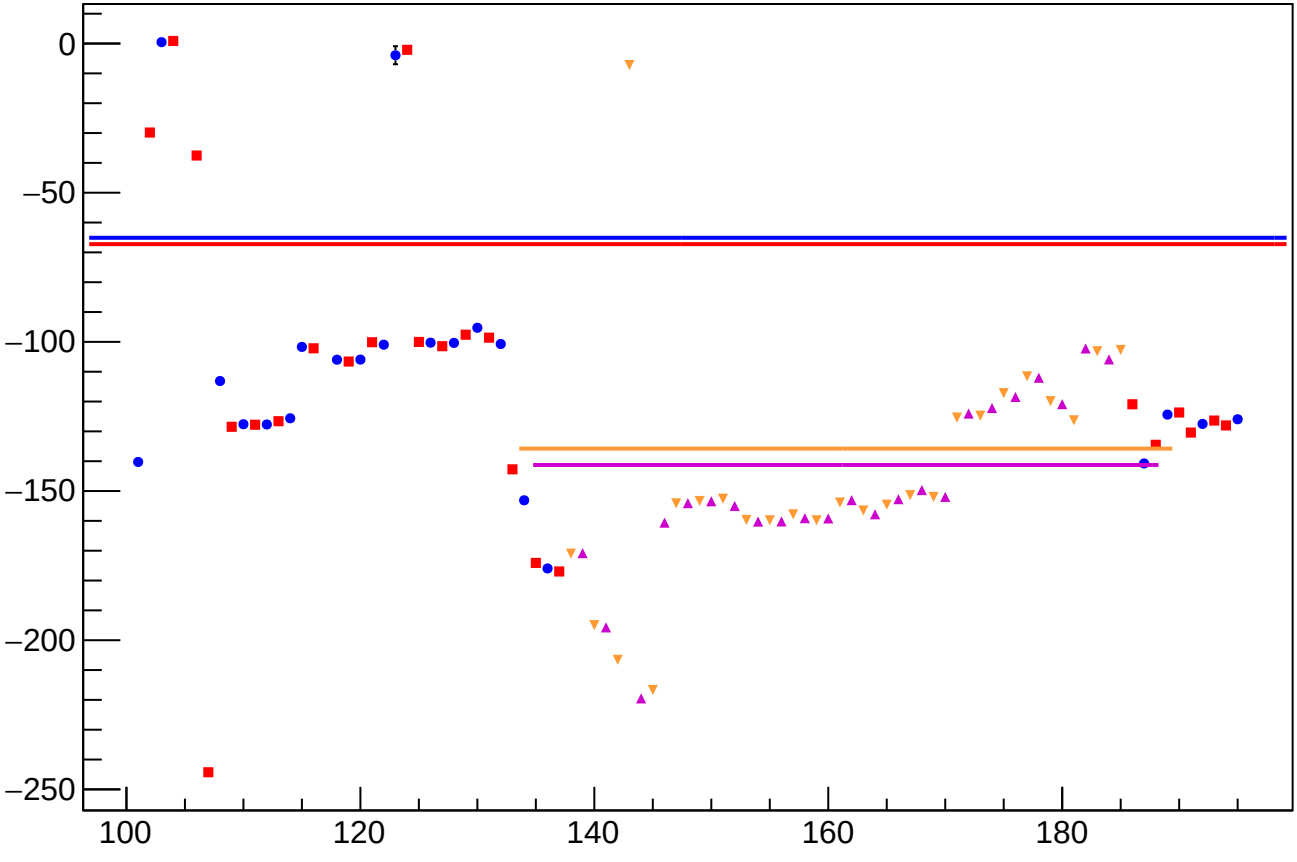
Right: 34.870+/-0.846 χ^2/NDF: 1351.8/44

In: 53.218+/-0.761 χ^2/NDF:1393.3/43

Out: 48.840+/-0.735 χ^2/NDF:1663.1/48

All: 50.951+/-0.529 χ^2/NDF: 3073.5/92

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -65.105+/-0.058 χ^2/NDF: 1232663.9/20

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -67.240+/-0.055 χ^2/NDF: 1255523.0/23

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

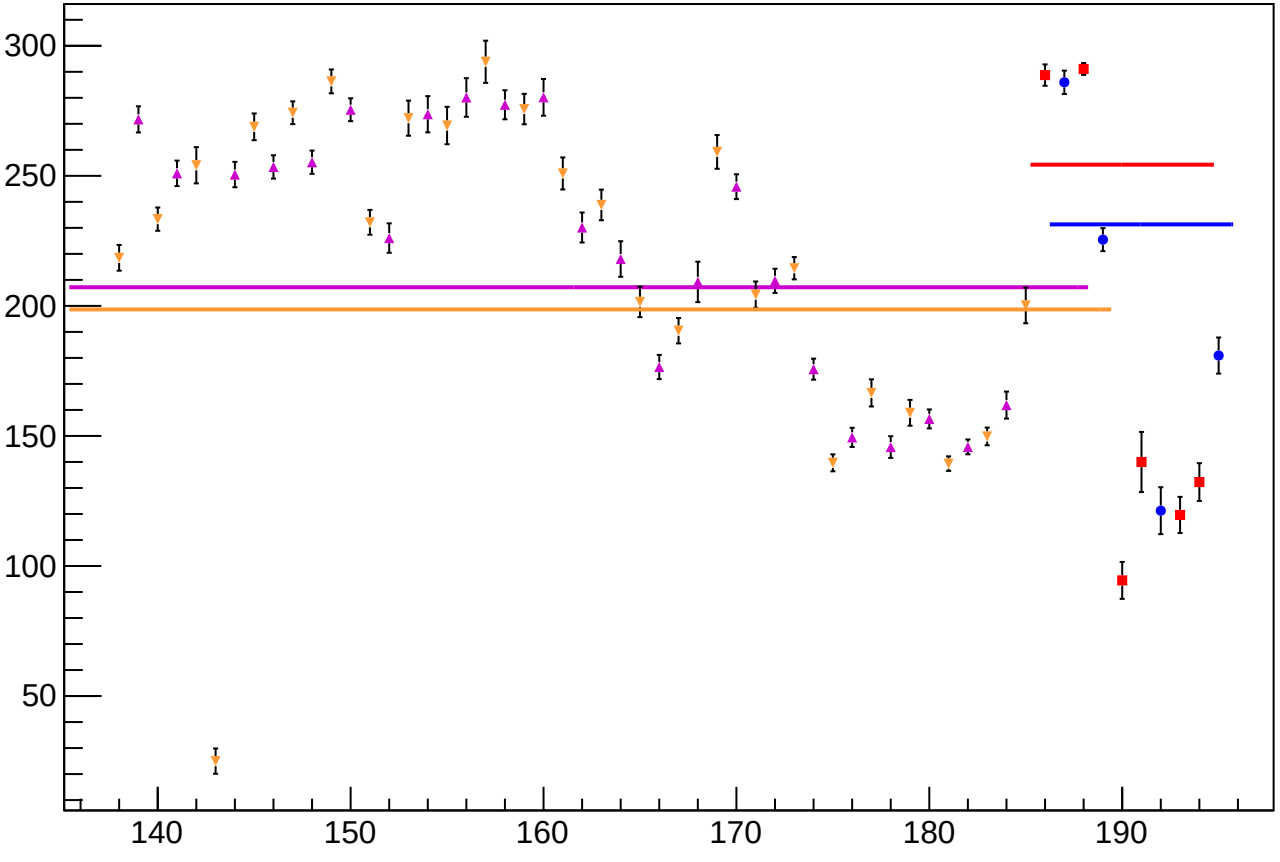
Right: -66.238+/-0.040 χ^2/NDF: 2488895.9/44

In: -112.799+/-0.036 χ^2/NDF:2647949.3/43

Out: -108.508+/-0.035 χ^2/NDF:2933967.3/48

All: -110.591+/-0.025 χ^2/NDF: 5589353.1/92

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 231.341+/-2.735 χ^2/NDF: 350.9/3

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 254.291+/-1.771 χ^2/NDF: 1592.8/5

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

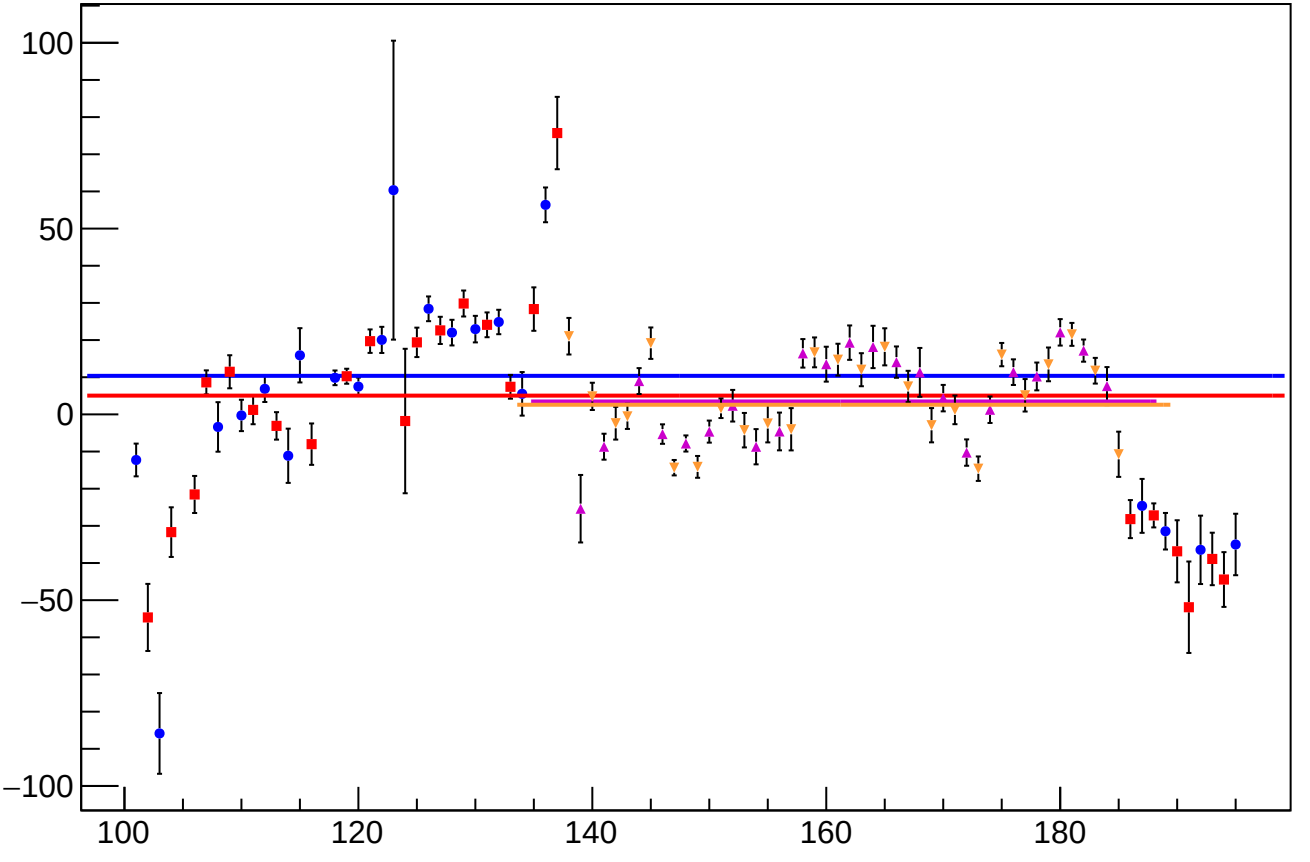
Right: 247.508+/-1.487 χ^2/NDF: 1993.3/9

In: 209.951+/-0.928 χ^2/NDF:3051.6/26

Out: 211.396+/-0.848 χ^2/NDF:6500.1/30

All: 210.738+/-0.626 χ^2/NDF: 9553.0/57

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.371+/-0.888 χ^2/NDF: 457.7/20

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 5.048+/-0.850 χ^2/NDF: 605.4/23

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

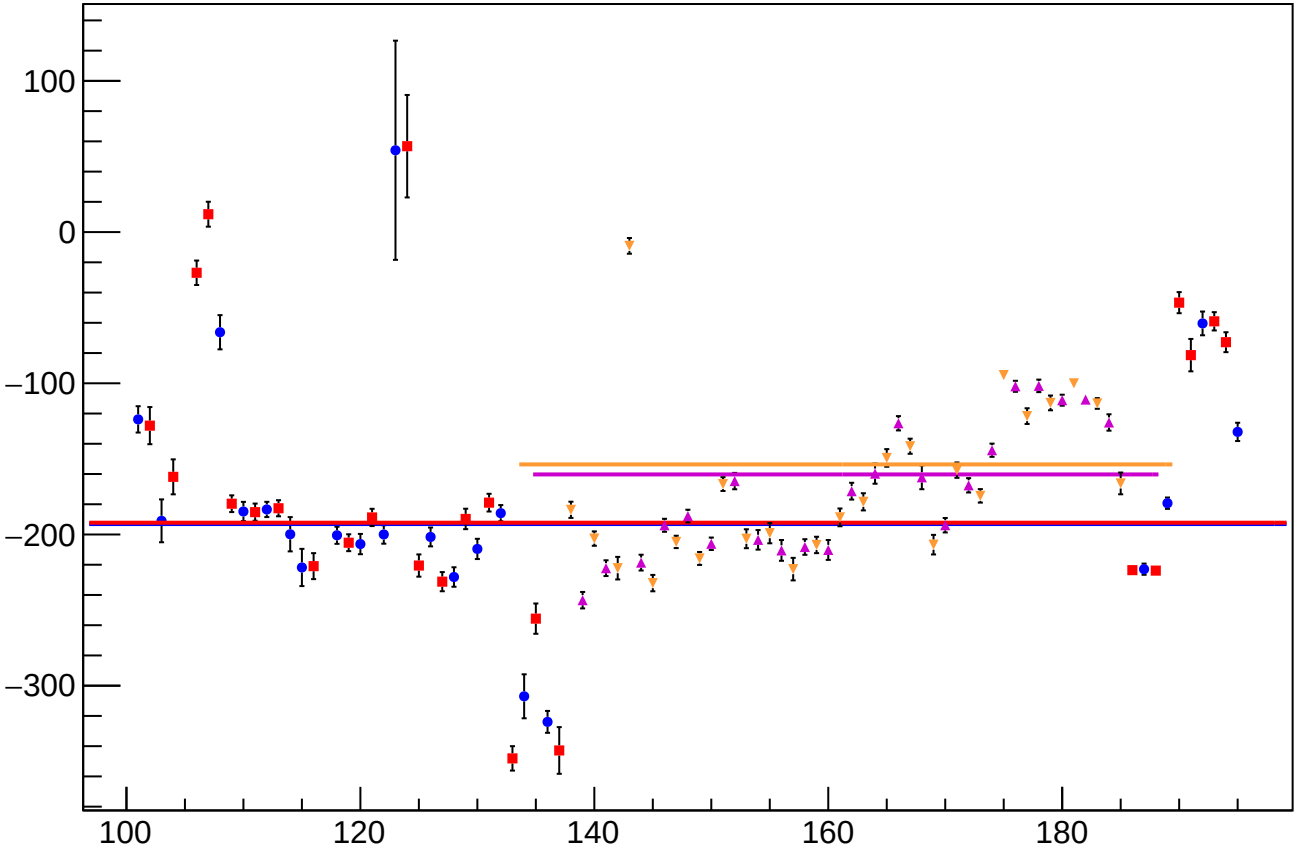
Right: 7.596+/-0.614 χ^2/NDF: 1081.9/44

In: 6.447+/-0.582 χ^2/NDF:686.8/43

Out: 3.659+/-0.560 χ^2/NDF:884.4/48

All: 4.998+/-0.404 χ^2/NDF: 1583.1/92

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -193.102+/-1.409 χ^2/NDF: 1111.3/20

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -192.204+/-1.109 χ^2/NDF: 3456.3/23

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

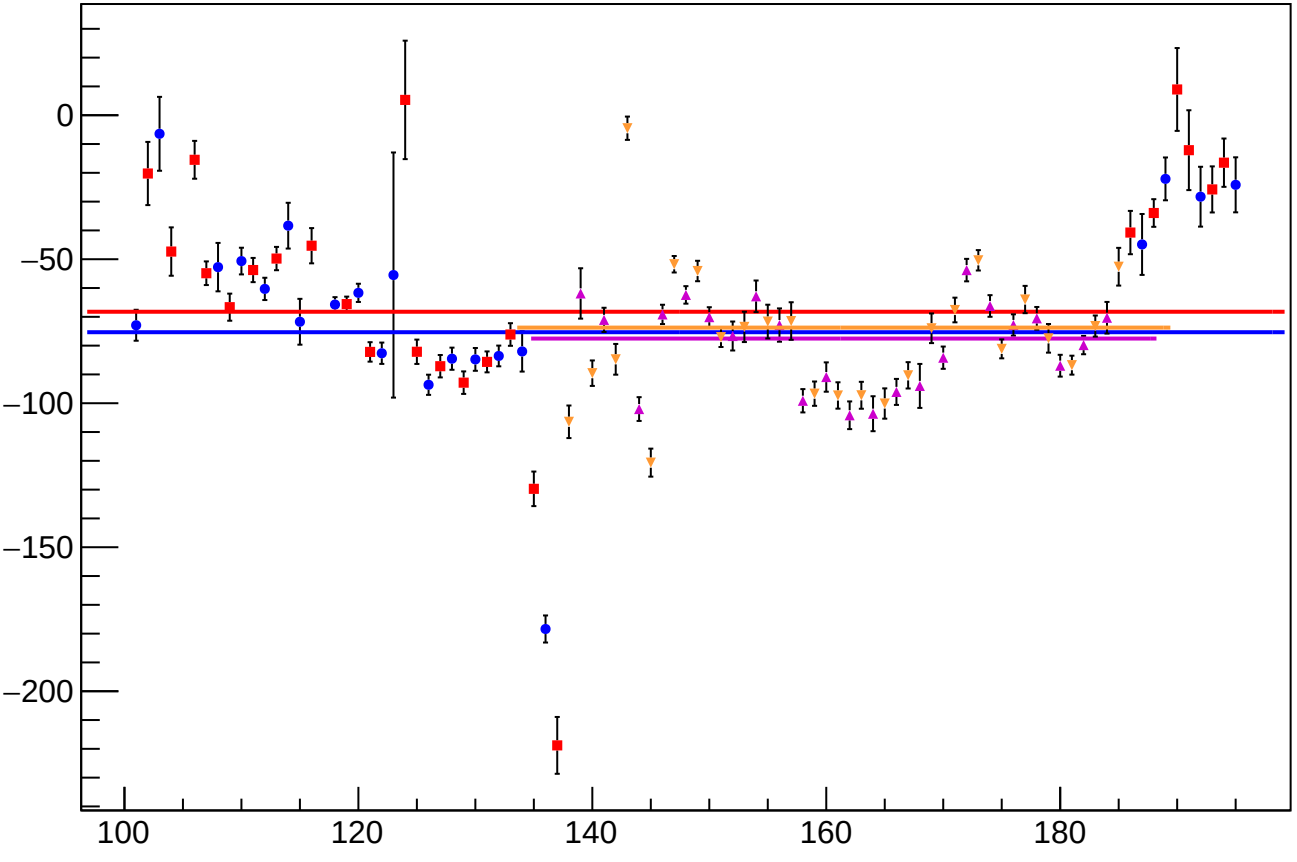
Right: -192.547+/-0.872 χ^2/NDF: 4567.8/44

In: -171.050+/-0.807 χ^2/NDF:3525.1/43

Out: -170.357+/-0.730 χ^2/NDF:7072.0/48

All: -170.669+/-0.541 χ^2/NDF: 10597.6/92

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.343+/-1.038 χ^2/NDF: 772.6/20

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -68.237+/-1.000 χ^2/NDF: 793.0/23

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

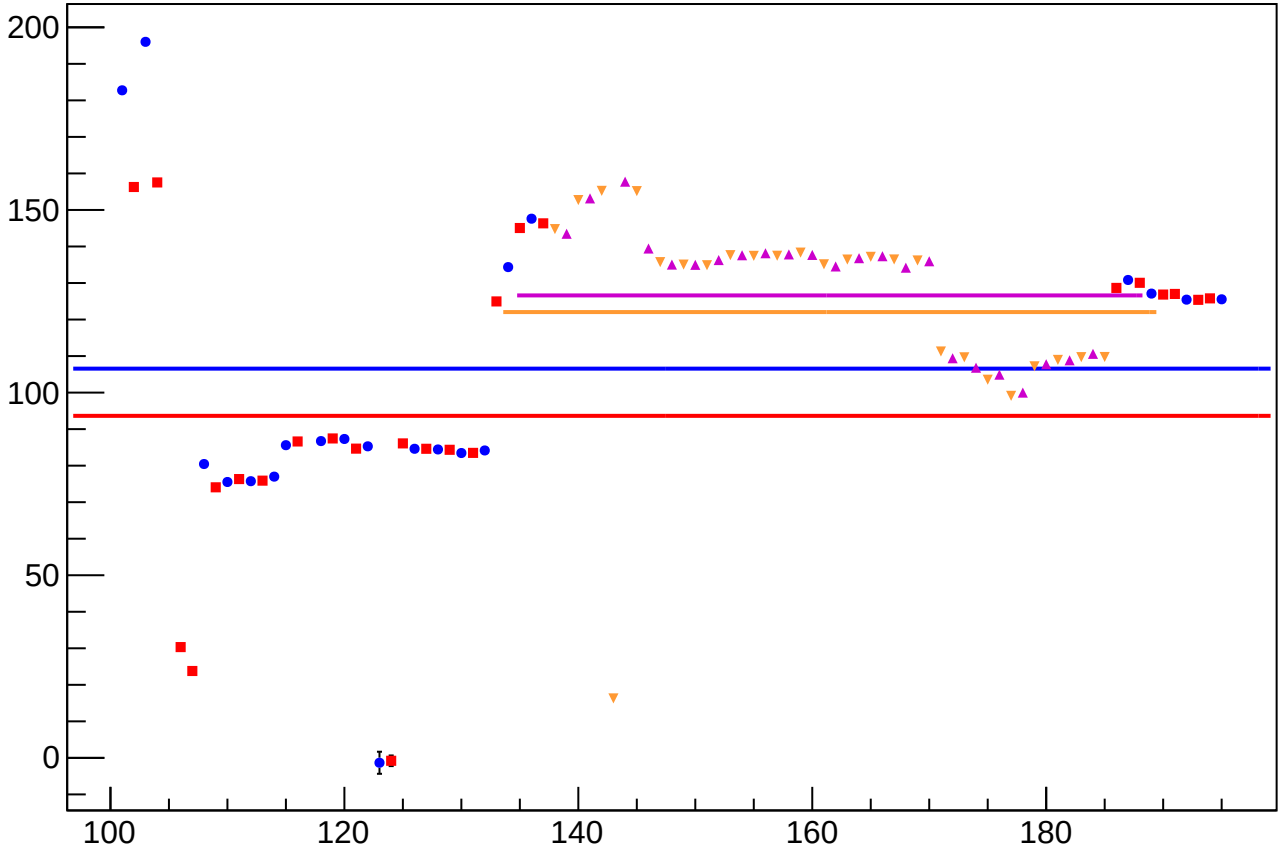
Right: -71.657+/-0.720 χ^2/NDF: 1589.9/44

In: -76.624+/-0.671 χ^2/NDF:1028.0/43

Out: -71.418+/-0.650 χ^2/NDF:1538.8/48

All: -73.936+/-0.467 χ^2/NDF: 2597.8/92

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 106.559+/-0.065 χ^2/NDF: 289488.7/20

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 93.636+/-0.057 χ^2/NDF: 506350.4/23

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

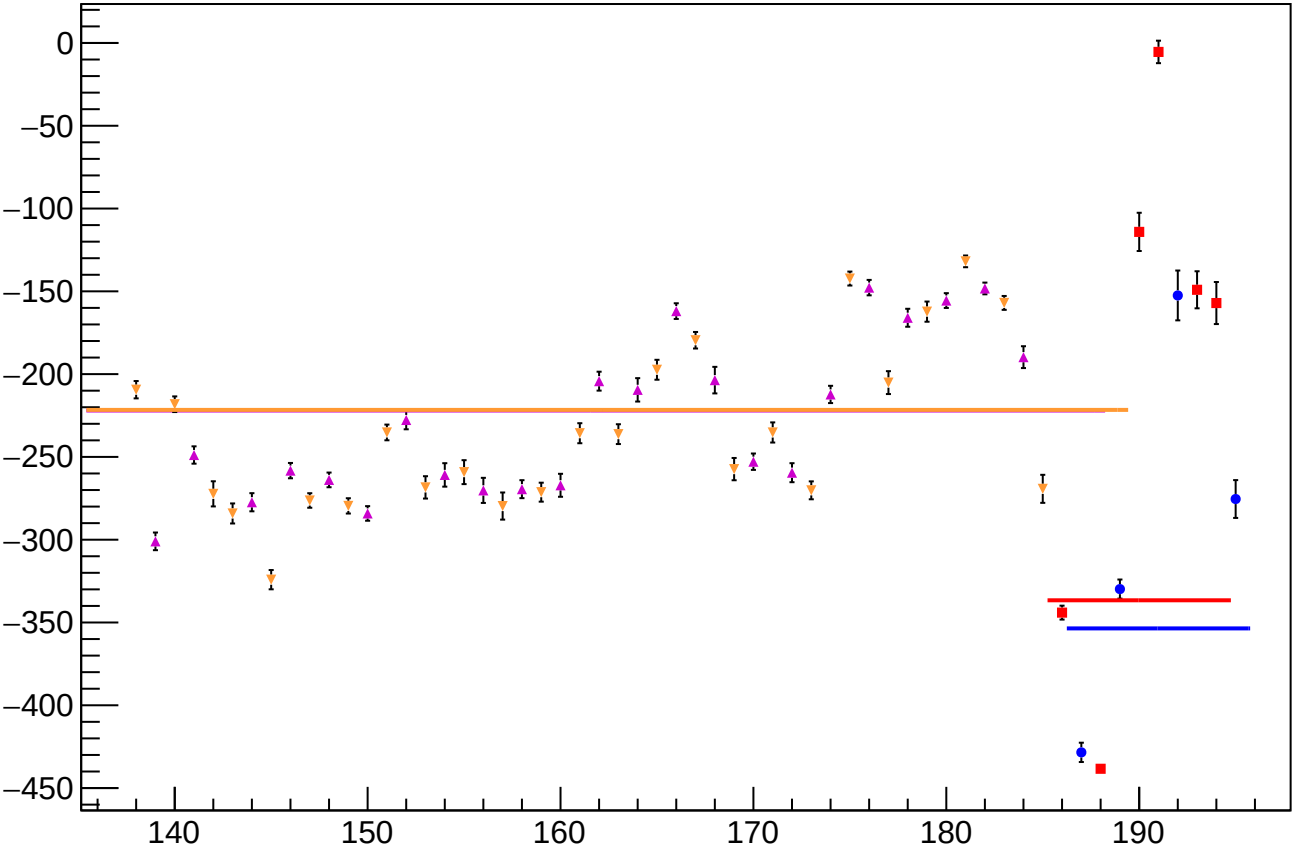
Right: 99.219+/-0.043 χ^2/NDF: 818268.5/44

In: 120.925+/-0.035 χ^2/NDF:522344.7/43

Out: 112.474+/-0.033 χ^2/NDF:1110700.1/48

All: 116.488+/-0.024 χ^2/NDF: 1664338.3/92

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -353.574+/-3.739 χ^2/NDF: 407.1/3

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -336.596+/-2.191 χ^2/NDF: 4351.9/5

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

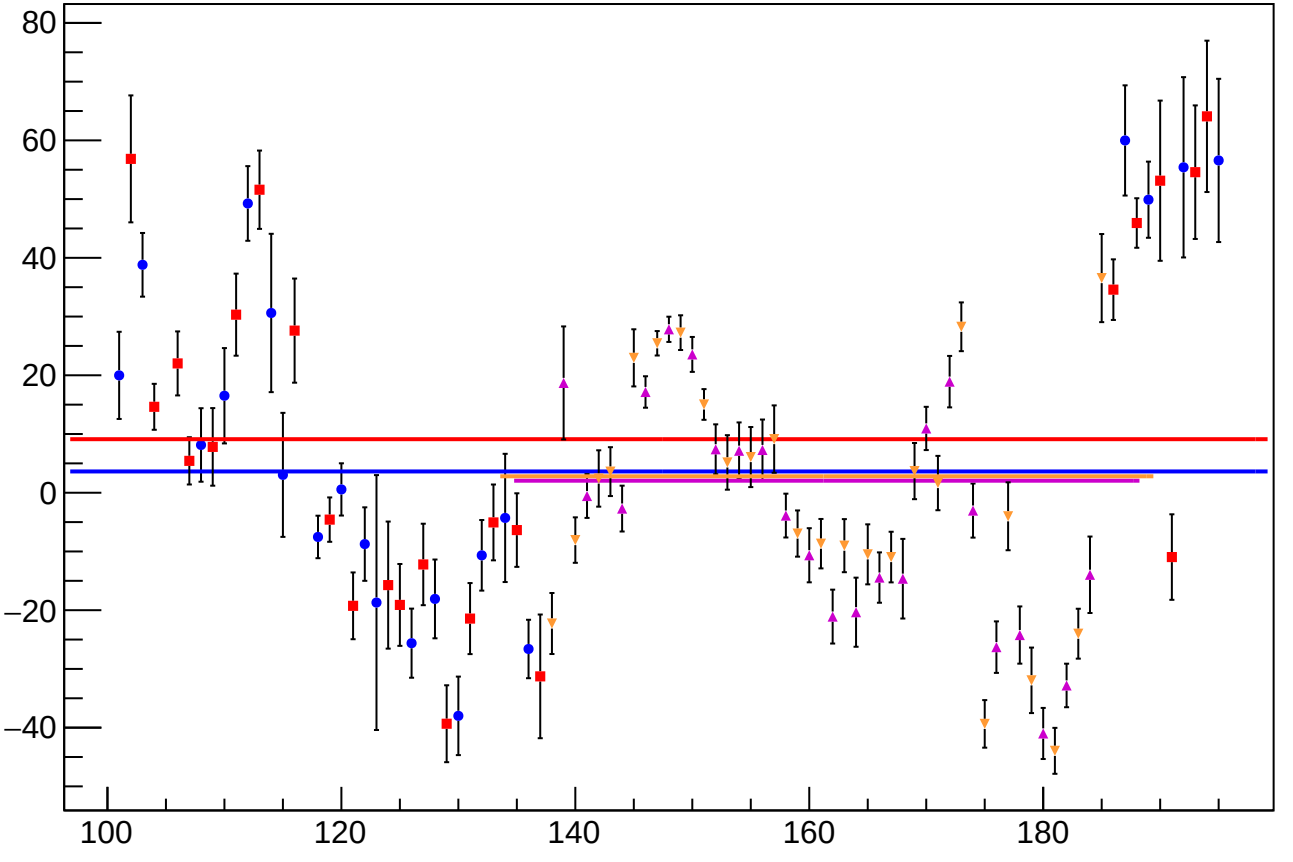
Right: -340.935+/-1.890 χ^2/NDF: 4774.4/9

In: -232.429+/-1.054 χ^2/NDF:3738.0/26

Out: -244.328+/-0.974 χ^2/NDF:9127.9/30

All: -238.845+/-0.715 χ^2/NDF: 12934.7/57

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.625+/-1.442 χ^2/NDF: 350.4/20

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 9.118+/-1.250 χ^2/NDF: 409.9/23

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

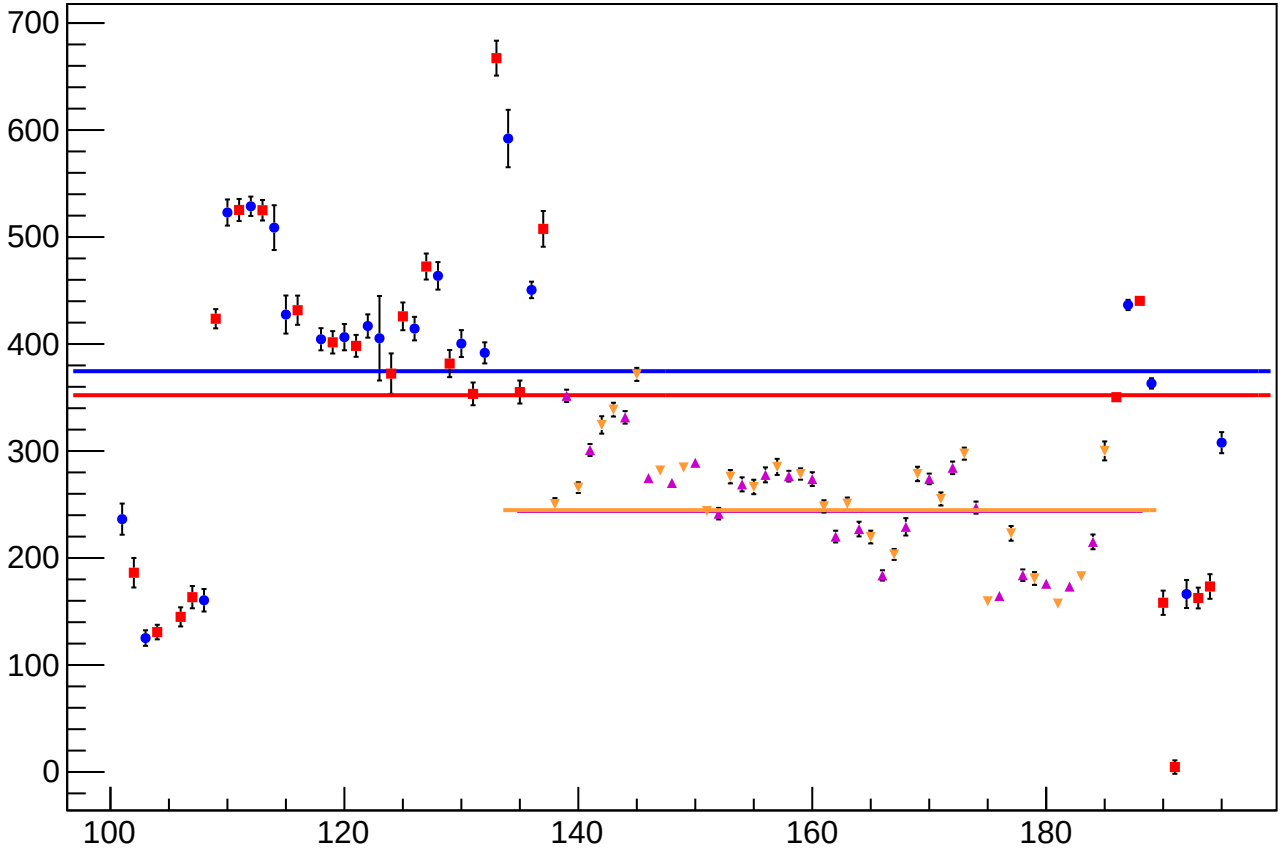
Right: 6.760+/-0.944 χ^2/NDF: 768.7/44

In: 2.444+/-0.721 χ^2/NDF:943.9/43

Out: 4.666+/-0.680 χ^2/NDF:1113.4/48

All: 3.621+/-0.495 χ^2/NDF: 2062.4/92

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 374.598+/-2.068 χ^2/NDF: 2905.5/20

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 352.166+/-1.475 χ^2/NDF: 8681.8/23

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

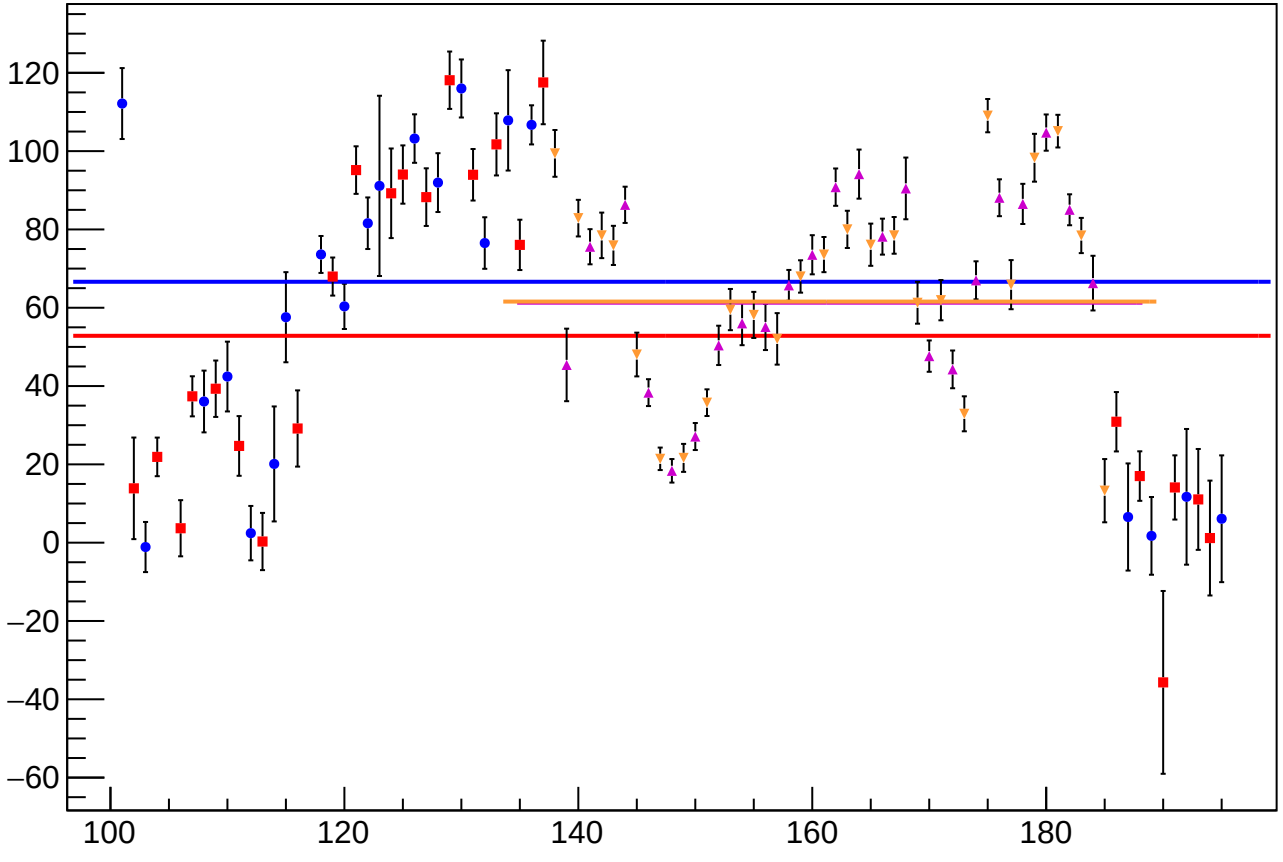
Right: 359.725+/-1.201 χ^2/NDF: 11665.3/44

In: 272.338+/-0.964 χ^2/NDF:8323.8/43

Out: 282.437+/-0.874 χ^2/NDF:14693.5/48

All: 277.884+/-0.647 χ^2/NDF: 23077.5/92

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 66.634+/-1.686 χ^2/NDF: 518.9/20

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 52.834+/-1.500 χ^2/NDF: 607.6/23

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

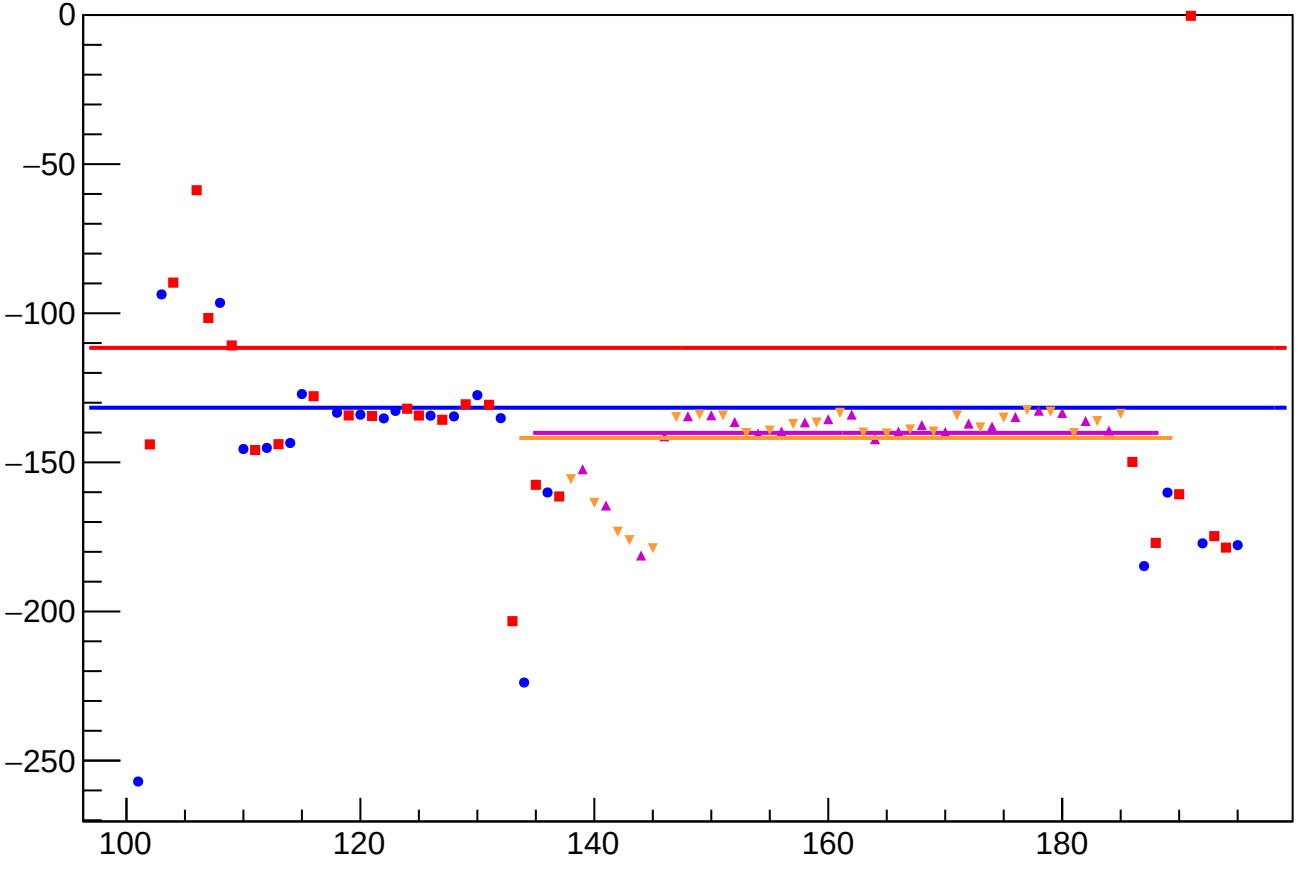
Right: 58.932+/-1.121 χ^2/NDF: 1164.0/44

In: 62.593+/-0.833 χ^2/NDF:1229.3/43

Out: 59.115+/-0.796 χ^2/NDF:1502.3/48

All: 60.774+/-0.576 χ^2/NDF: 2740.8/92

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -131.675+/-0.085 χ^2/NDF: 194047.1/20

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -111.604+/-0.072 χ^2/NDF: 505905.3/23

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

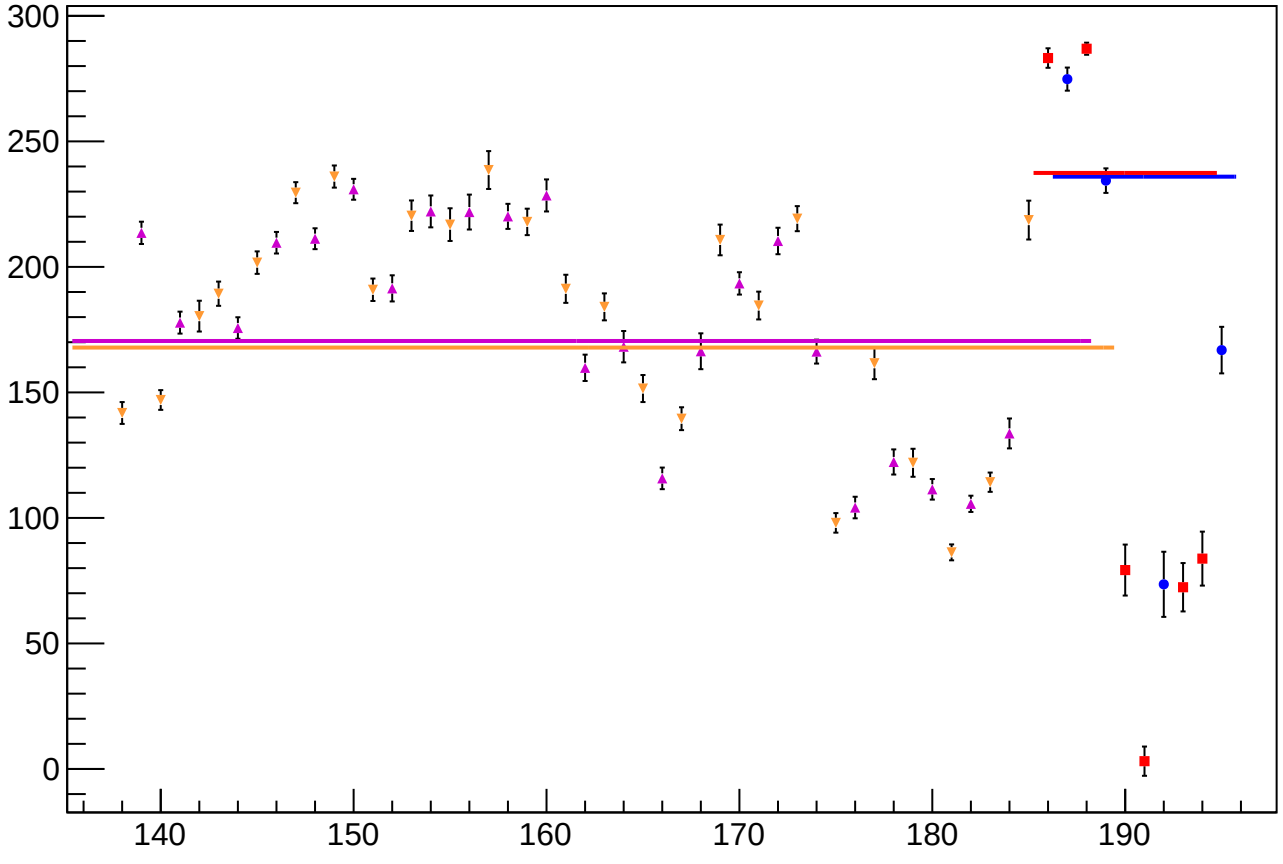
Right: -120.063+/-0.055 χ^2/NDF: 732375.5/44

In: -138.268+/-0.040 χ^2/NDF:250186.6/43

Out: -133.439+/-0.038 χ^2/NDF:709588.5/48

All: -135.759+/-0.027 χ^2/NDF: 967492.3/92

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 235.943+/-3.062 χ^2/NDF: 283.7/3

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 237.429+/-1.835 χ^2/NDF: 2918.7/5

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

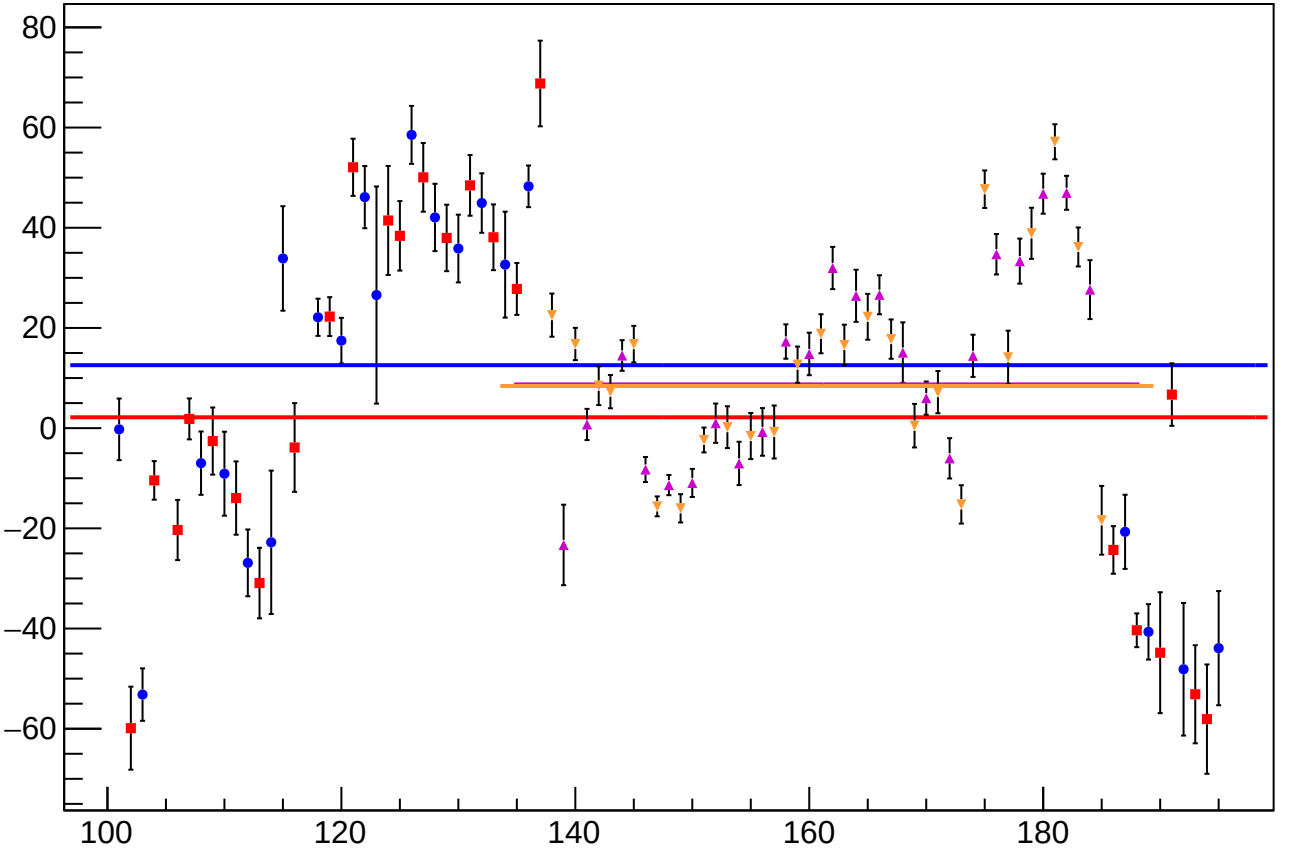
Right: 237.037+/-1.574 χ^2/NDF: 3202.5/9

In: 176.695+/-0.943 χ^2/NDF:2733.8/26

Out: 183.142+/-0.860 χ^2/NDF:6505.4/30

All: 180.215+/-0.635 χ^2/NDF: 9264.7/57

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.568+/-1.385 χ^2/NDF: 620.9/20

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 2.164+/-1.196 χ^2/NDF: 772.1/23

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

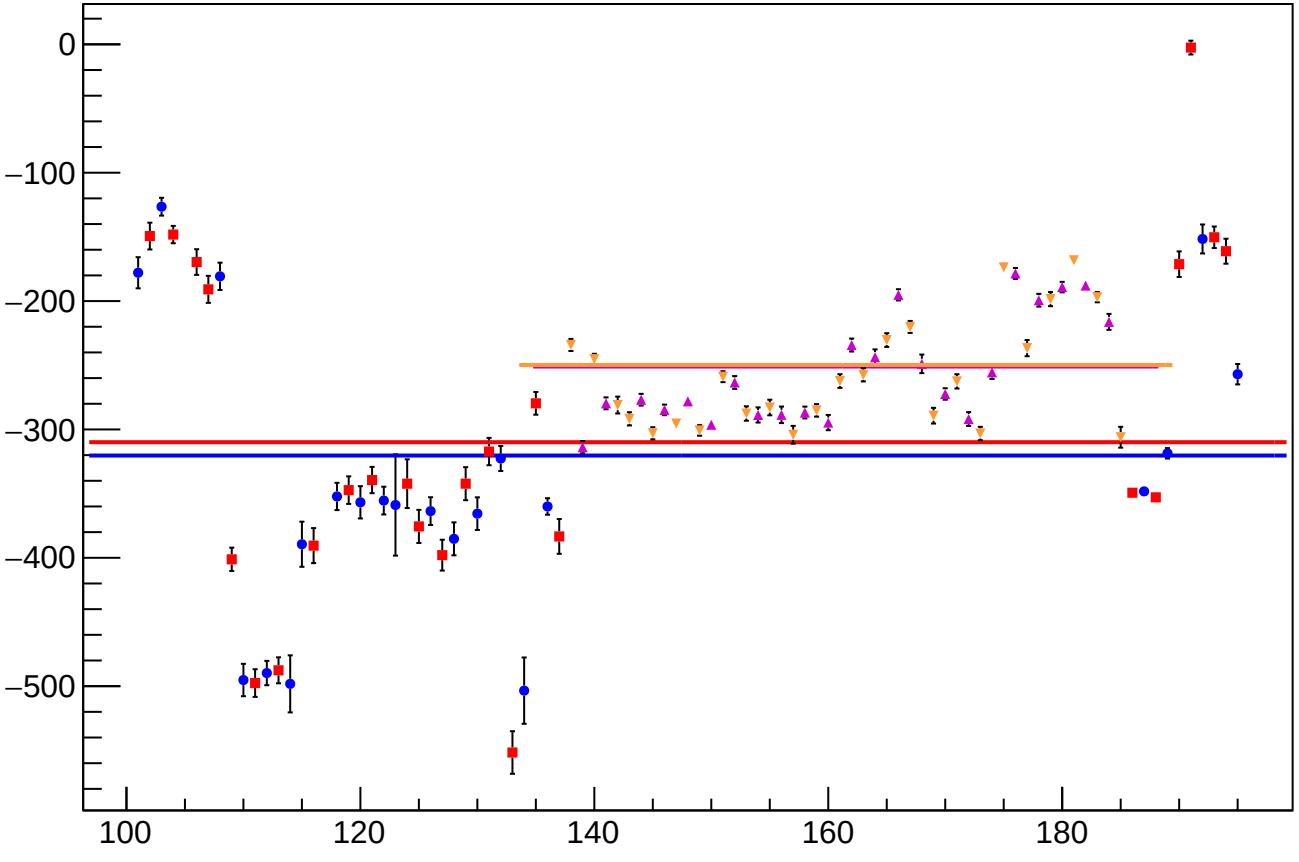
Right: 6.608+/-0.905 χ^2/NDF: 1425.3/44

In: 9.612+/-0.664 χ^2/NDF:1256.9/43

Out: 6.715+/-0.624 χ^2/NDF:1542.6/48

All: 8.073+/-0.455 χ^2/NDF: 2809.5/92

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -320.324+/-1.842 χ^2/NDF: 2194.0/20

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -309.925+/-1.294 χ^2/NDF: 6938.1/23

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

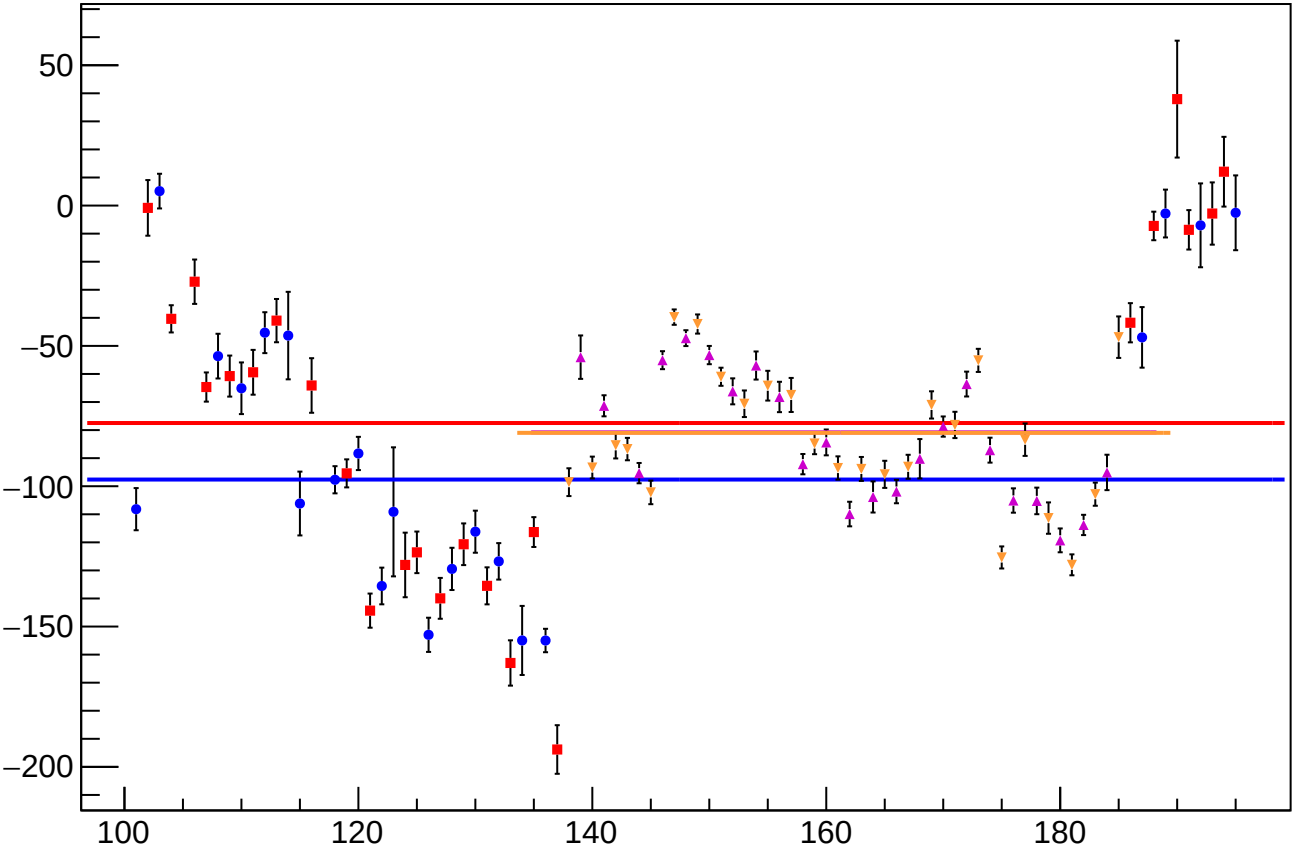
Right: -313.363+/-1.059 χ^2/NDF: 9153.4/44

In: -266.462+/-0.870 χ^2/NDF:5253.0/43

Out: -271.548+/-0.779 χ^2/NDF:10549.2/48

All: -269.285+/-0.580 χ^2/NDF: 15821.2/92

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.621+/-1.620 χ^2/NDF: 991.5/20

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -77.478+/-1.442 χ^2/NDF: 1363.0/23

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

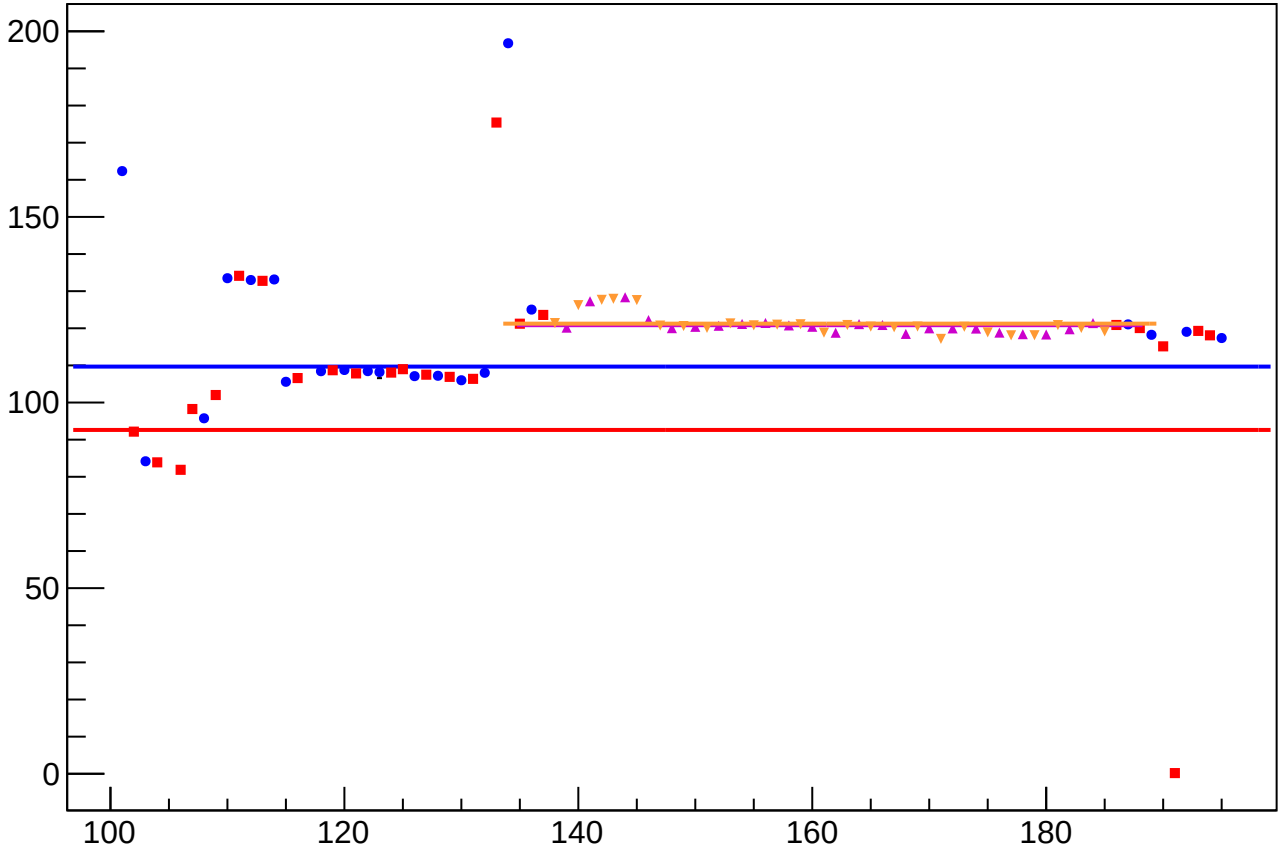
Right: -86.386+/-1.077 χ^2/NDF: 2440.7/44

In: -84.567+/-0.766 χ^2/NDF:1770.5/43

Out: -80.084+/-0.730 χ^2/NDF:2278.6/48

All: -82.217+/-0.528 χ^2/NDF: 4067.1/92

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 109.682+/-0.079 χ^2/NDF: 75045.6/20

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 92.618+/-0.067 χ^2/NDF: 324551.0/23

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

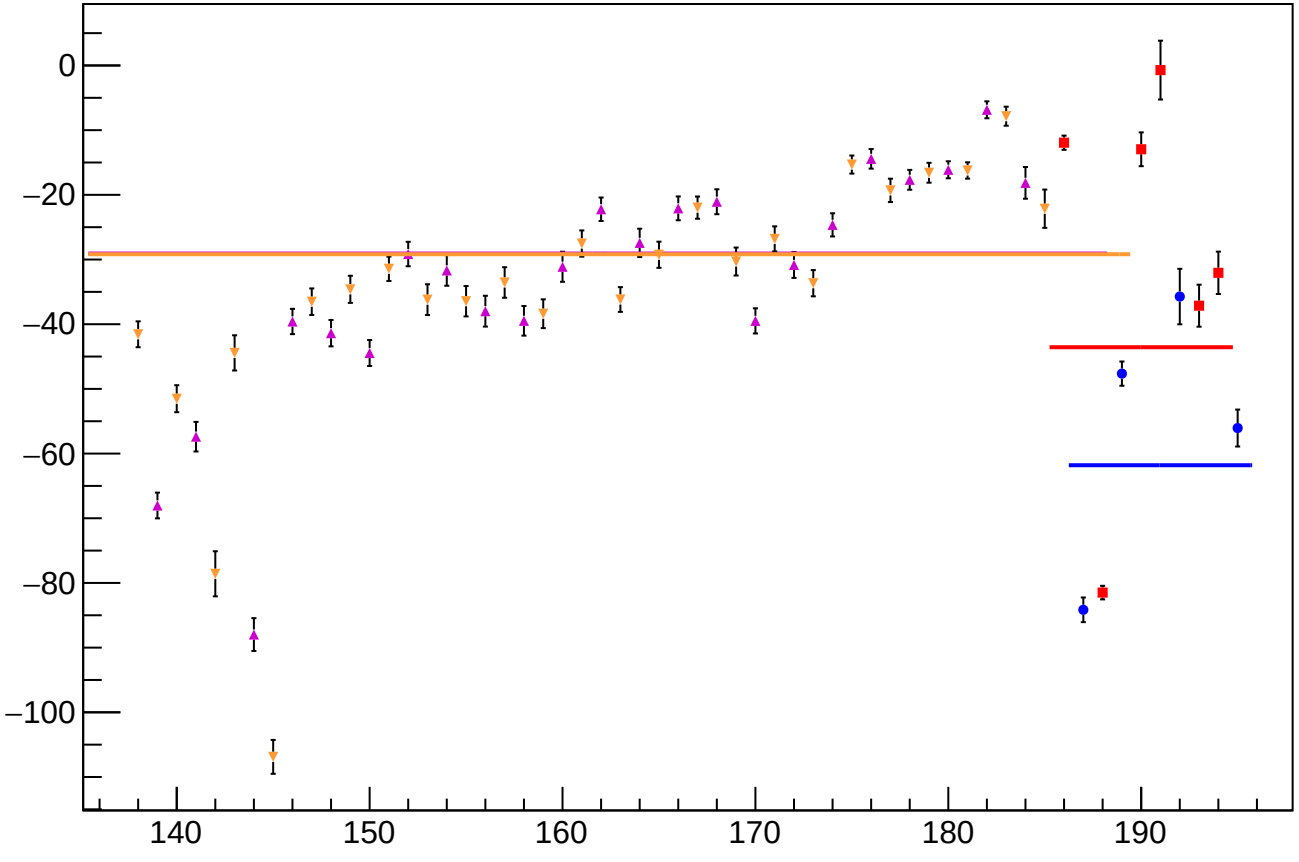
Right: 99.760+/-0.051 χ^2/NDF: 426433.9/44

In: 118.532+/-0.036 χ^2/NDF:94062.7/43

Out: 113.728+/-0.035 χ^2/NDF:462461.6/48

All: 116.024+/-0.025 χ^2/NDF: 565770.3/92

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.802+/-1.165 χ^2/NDF: 235.7/3

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -43.556+/-0.687 χ^2/NDF: 2378.3/5

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

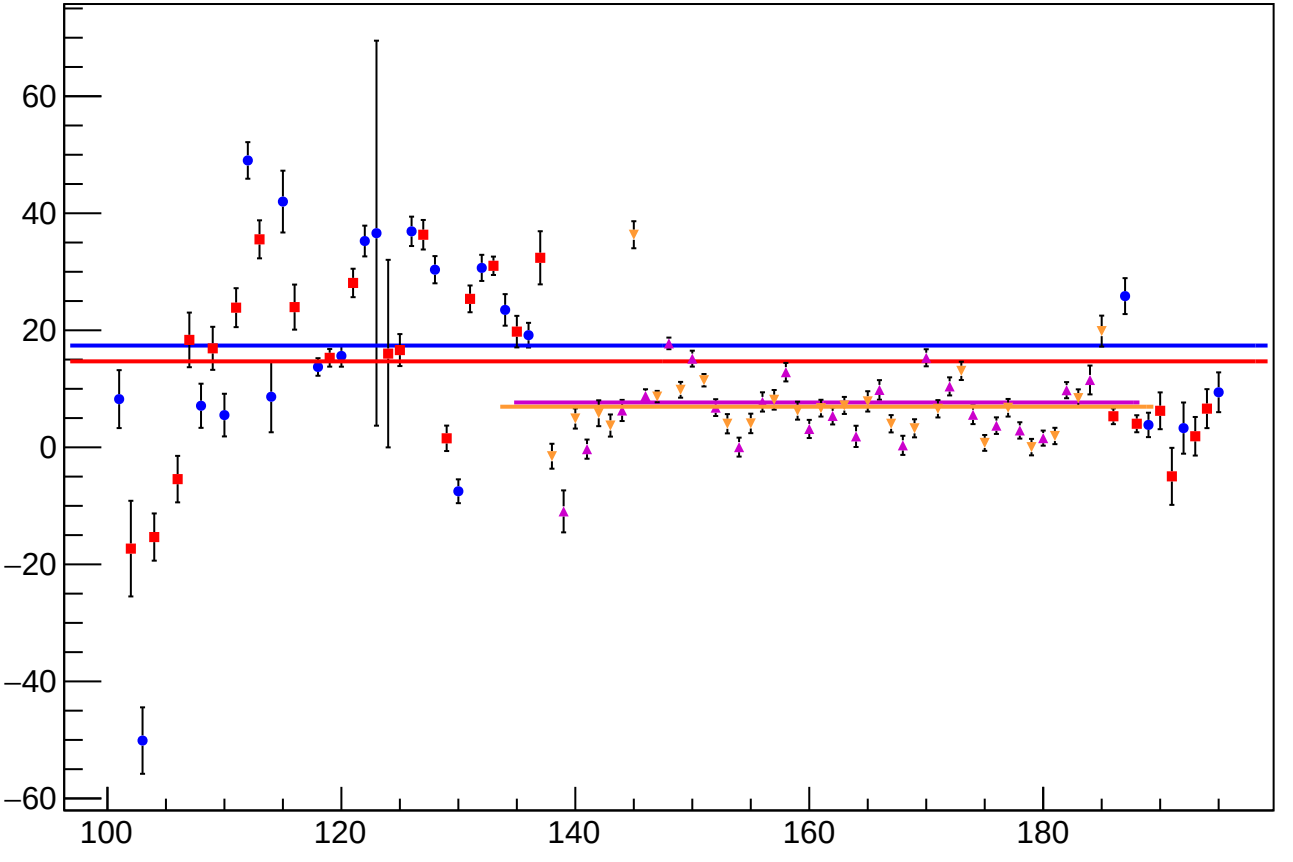
Right: -48.262+/-0.592 χ^2/NDF: 2796.1/9

In: -32.430+/-0.373 χ^2/NDF:2816.6/26

Out: -32.676+/-0.339 χ^2/NDF:4590.3/30

All: -32.565+/-0.251 χ^2/NDF: 7407.1/57

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.394+/-0.588 χ^2/NDF: 690.3/20

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 14.692+/-0.516 χ^2/NDF: 588.4/23

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

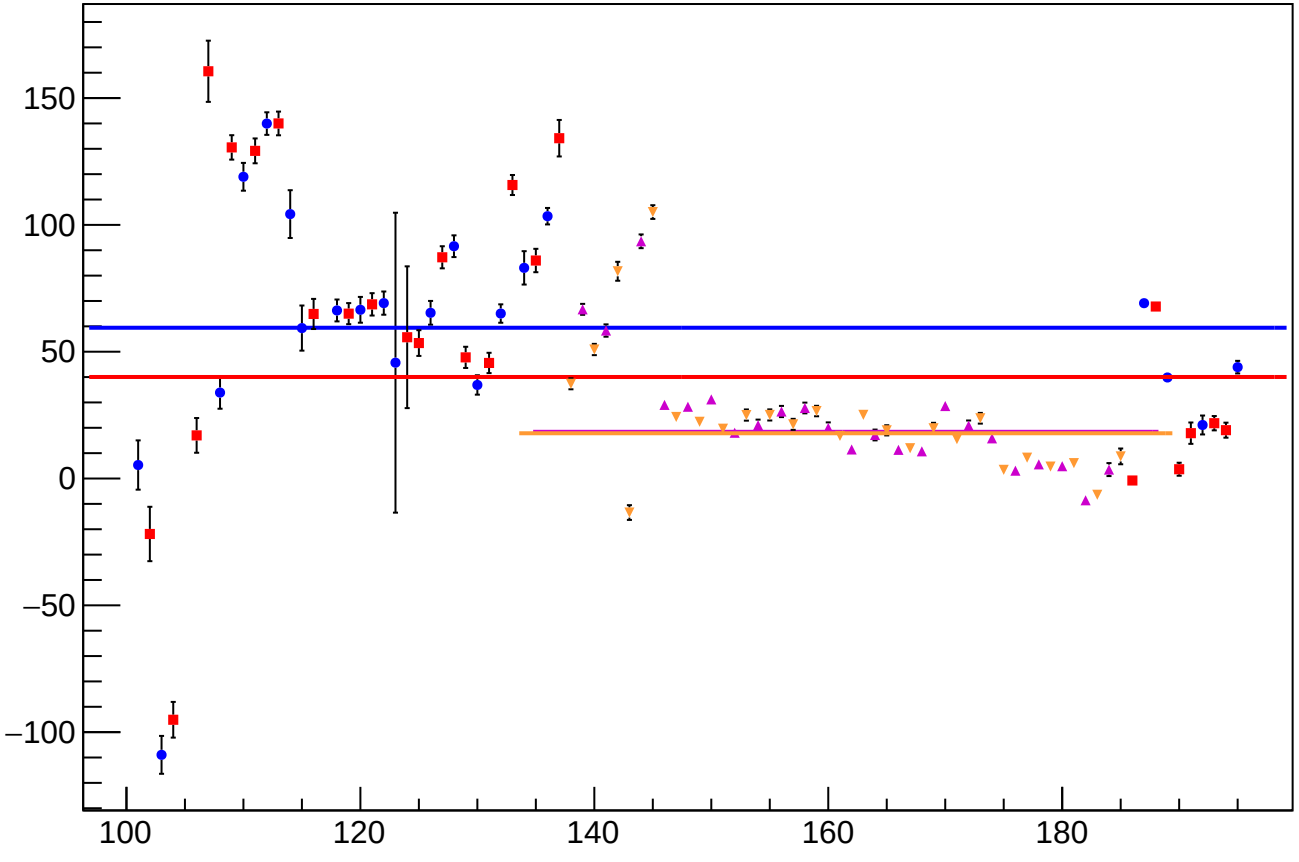
Right: 15.866+/-0.388 χ^2/NDF: 1290.6/44

In: 9.809+/-0.276 χ^2/NDF:1244.6/43

Out: 8.938+/-0.262 χ^2/NDF:1078.7/48

All: 9.350+/-0.190 χ^2/NDF: 2328.5/92

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.449+/-0.767 χ^2/NDF: 1657.3/20

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 40.034+/-0.512 χ^2/NDF: 6081.1/23

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

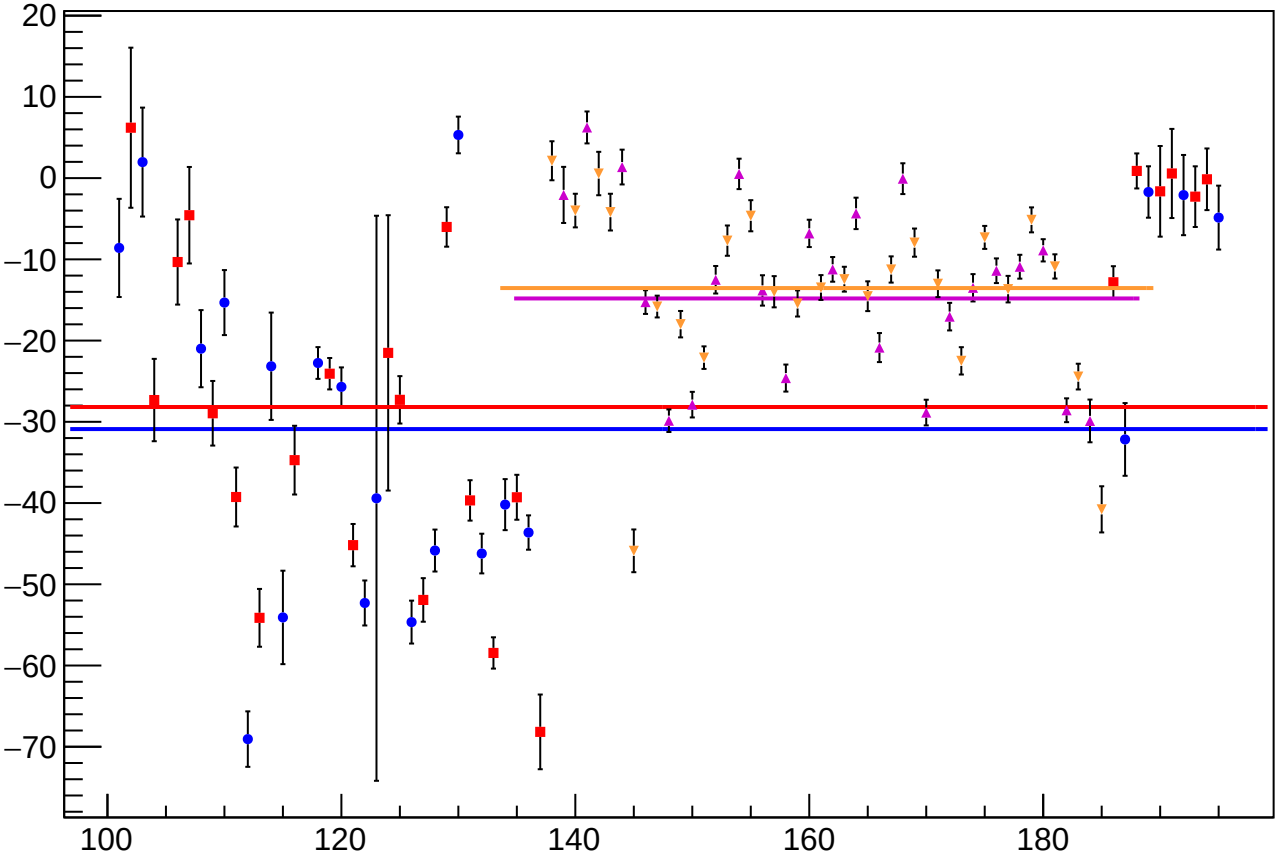
Right: 46.016+/-0.426 χ^2/NDF: 8181.3/44

In: 26.883+/-0.349 χ^2/NDF:6395.3/43

Out: 25.931+/-0.309 χ^2/NDF:9674.4/48

All: 26.350+/-0.231 χ^2/NDF: 16073.9/92

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.893+/-0.690 χ^2/NDF: 900.5/20

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -28.177+/-0.630 χ^2/NDF: 1068.4/23

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

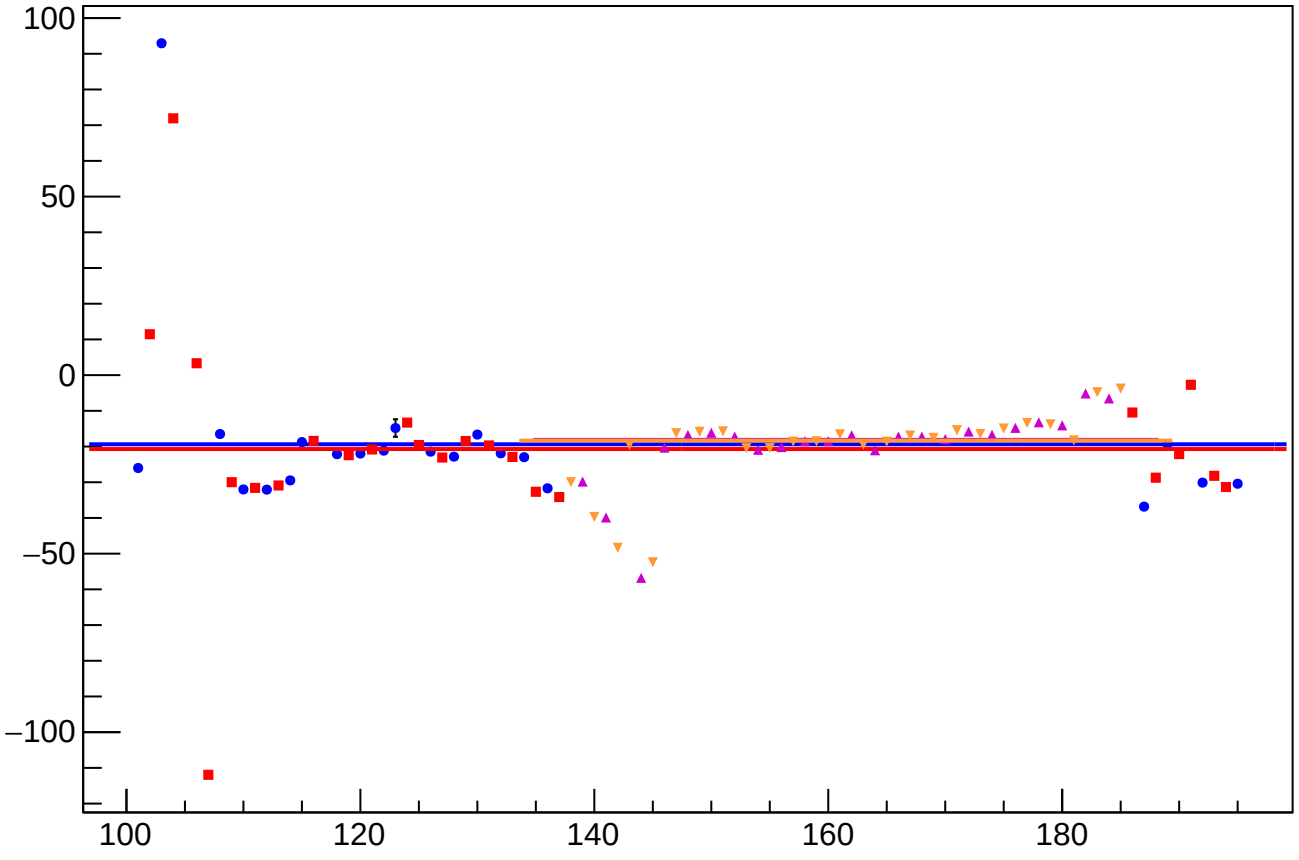
Right: -29.412+/-0.465 χ^2/NDF: 1977.3/44

In: -18.152+/-0.314 χ^2/NDF:2168.9/43

Out: -16.907+/-0.302 χ^2/NDF:2058.6/48

All: -17.505+/-0.218 χ^2/NDF: 4235.7/92

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.367+/-0.038 χ^2/NDF: 497053.6/20

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -20.703+/-0.034 χ^2/NDF: 473878.3/23

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

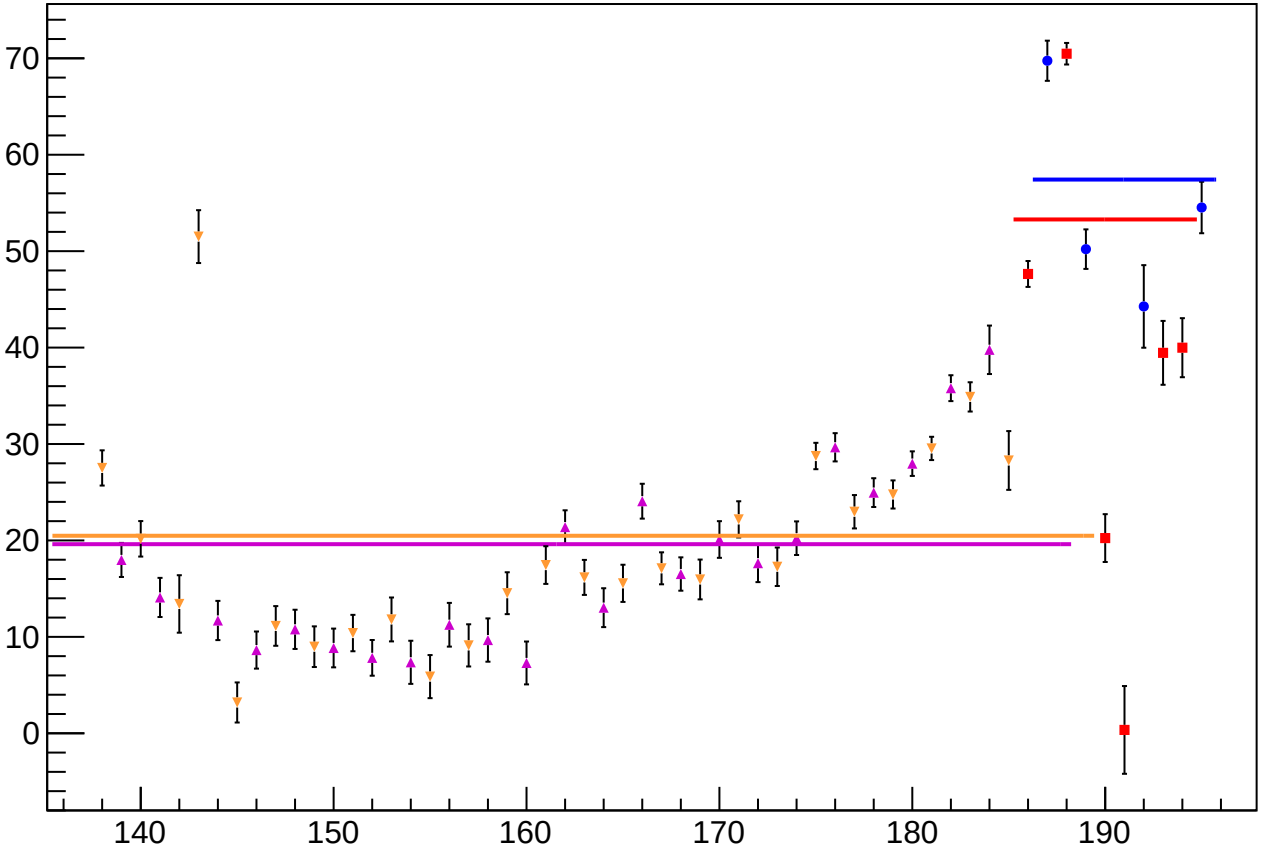
Right: -20.107+/-0.025 χ^2/NDF: 971615.3/44

In: -18.320+/-0.015 χ^2/NDF:743594.7/43

Out: -18.758+/-0.014 χ^2/NDF:761621.9/48

All: -18.545+/-0.010 χ^2/NDF: 1505667.5/92

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 57.425+/-1.228 χ^2/NDF: 58.0/3

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 53.289+/-0.753 χ^2/NDF: 603.1/5

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

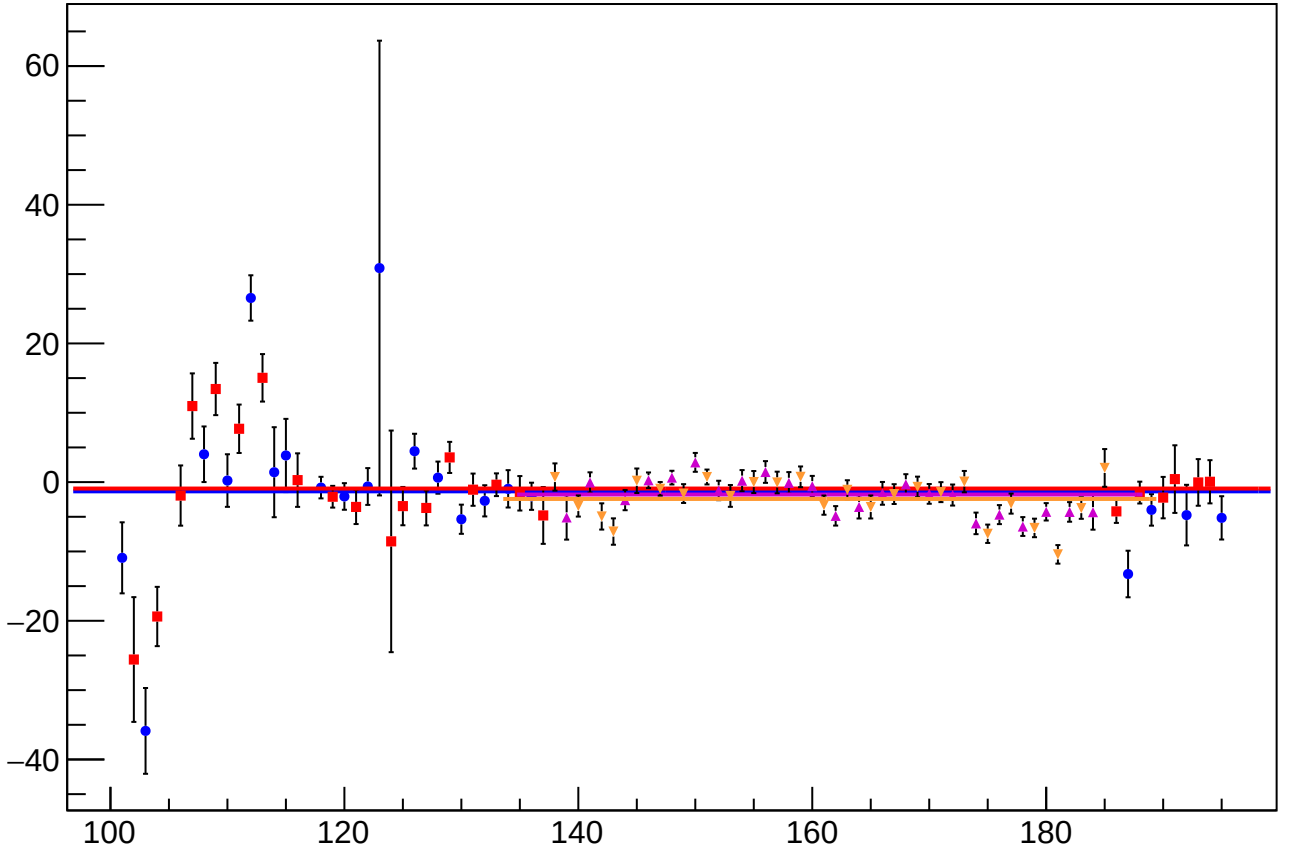
Right: 54.420+/-0.642 χ^2/NDF: 669.4/9

In: 22.896+/-0.362 χ^2/NDF:1496.9/26

Out: 26.963+/-0.335 χ^2/NDF:2740.9/30

All: 25.087+/-0.246 χ^2/NDF: 4305.9/57

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.330+/-0.600 χ^2/NDF: 138.0/20

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.928+/-0.541 χ^2/NDF: 88.6/23

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

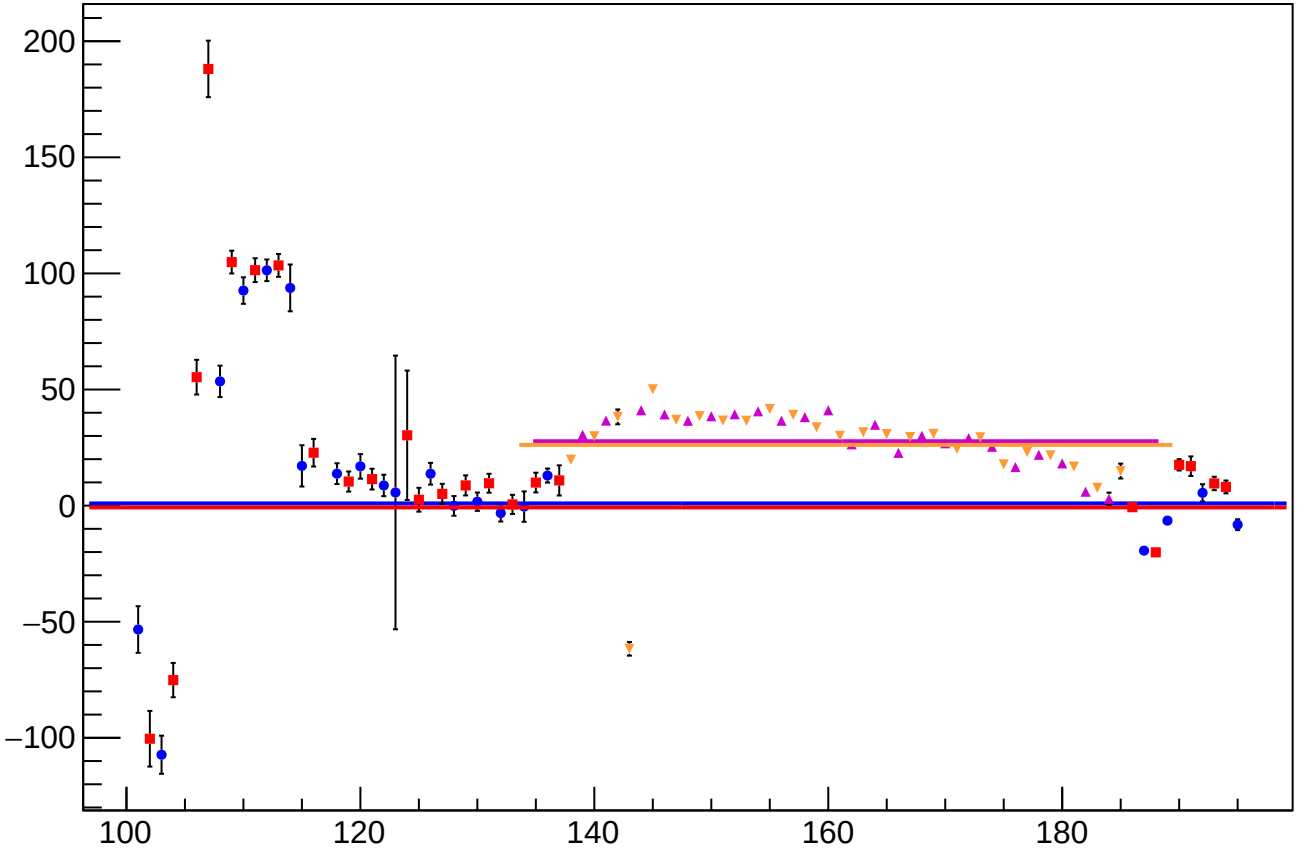
Right: -1.109+/-0.401 χ^2/NDF: 226.9/44

In: -1.698+/-0.269 χ^2/NDF:208.6/43

Out: -2.088+/-0.257 χ^2/NDF:198.3/48

All: -1.902+/-0.186 χ^2/NDF: 408.0/92

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.943+/-0.798 χ^2/NDF: 1293.9/20

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -0.774+/-0.558 χ^2/NDF: 2385.8/23

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

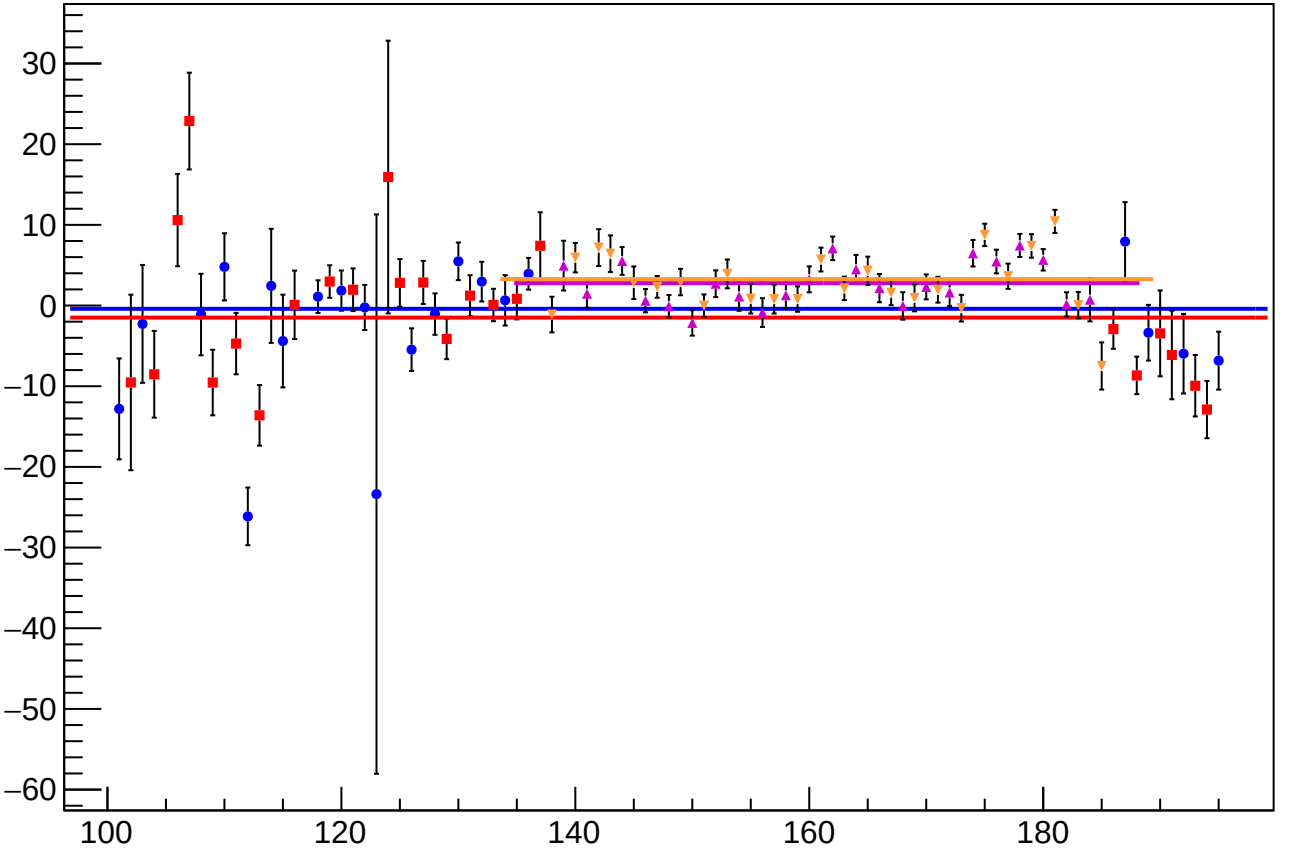
Right: -0.211+/-0.457 χ^2/NDF: 3682.8/44

In: 22.845+/-0.341 χ^2/NDF:3020.1/43

Out: 17.840+/-0.310 χ^2/NDF:5576.5/48

All: 20.107+/-0.229 χ^2/NDF: 8714.7/92

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.406+/-0.698 χ^2/NDF: 84.9/20

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -1.492+/-0.652 χ^2/NDF: 85.1/23

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

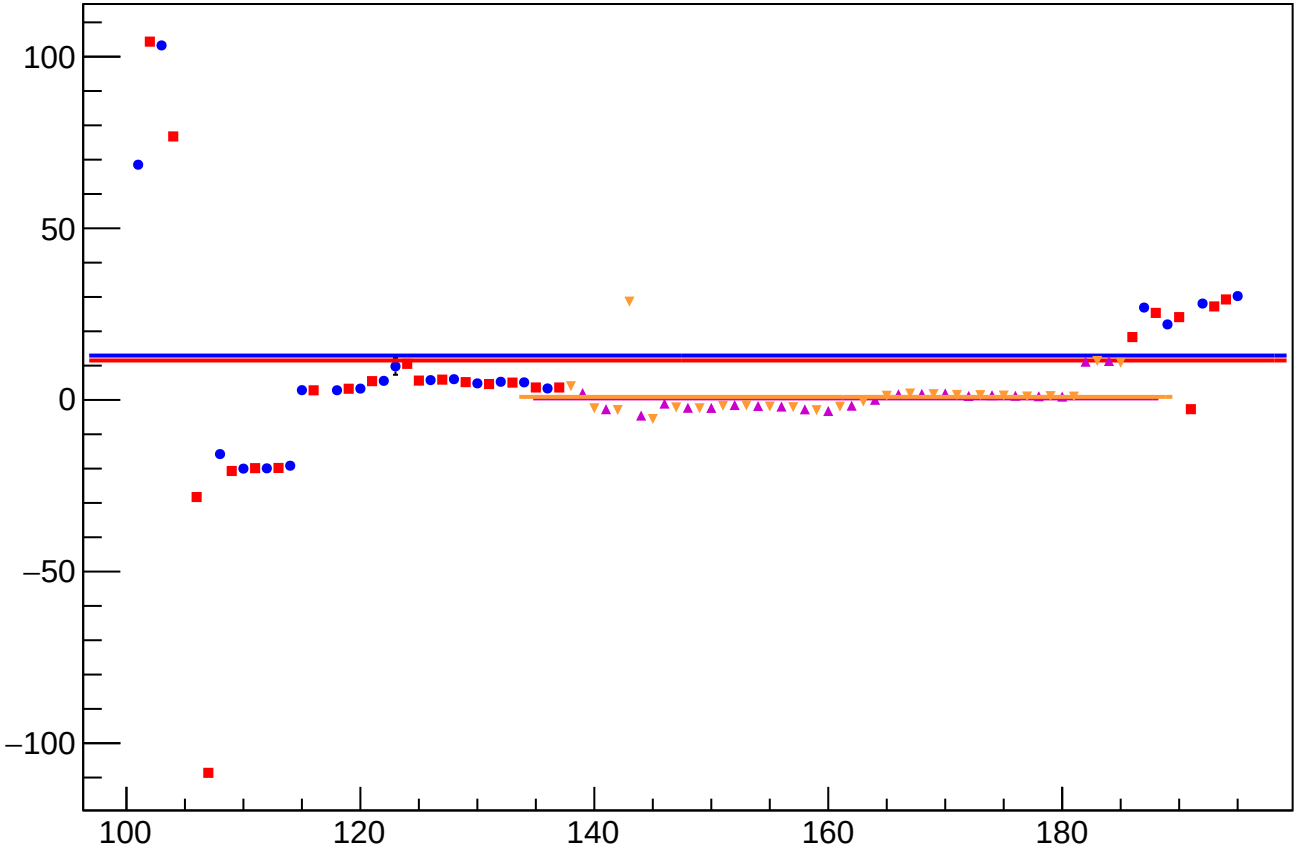
Right: -0.986+/-0.477 χ^2/NDF: 171.2/44

In: 2.166+/-0.306 χ^2/NDF:168.2/43

Out: 2.294+/-0.296 χ^2/NDF:229.3/48

All: 2.232+/-0.213 χ^2/NDF: 397.6/92

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.928+/-0.038 χ^2/NDF: 413646.3/20

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 11.500+/-0.035 χ^2/NDF: 615109.7/23

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

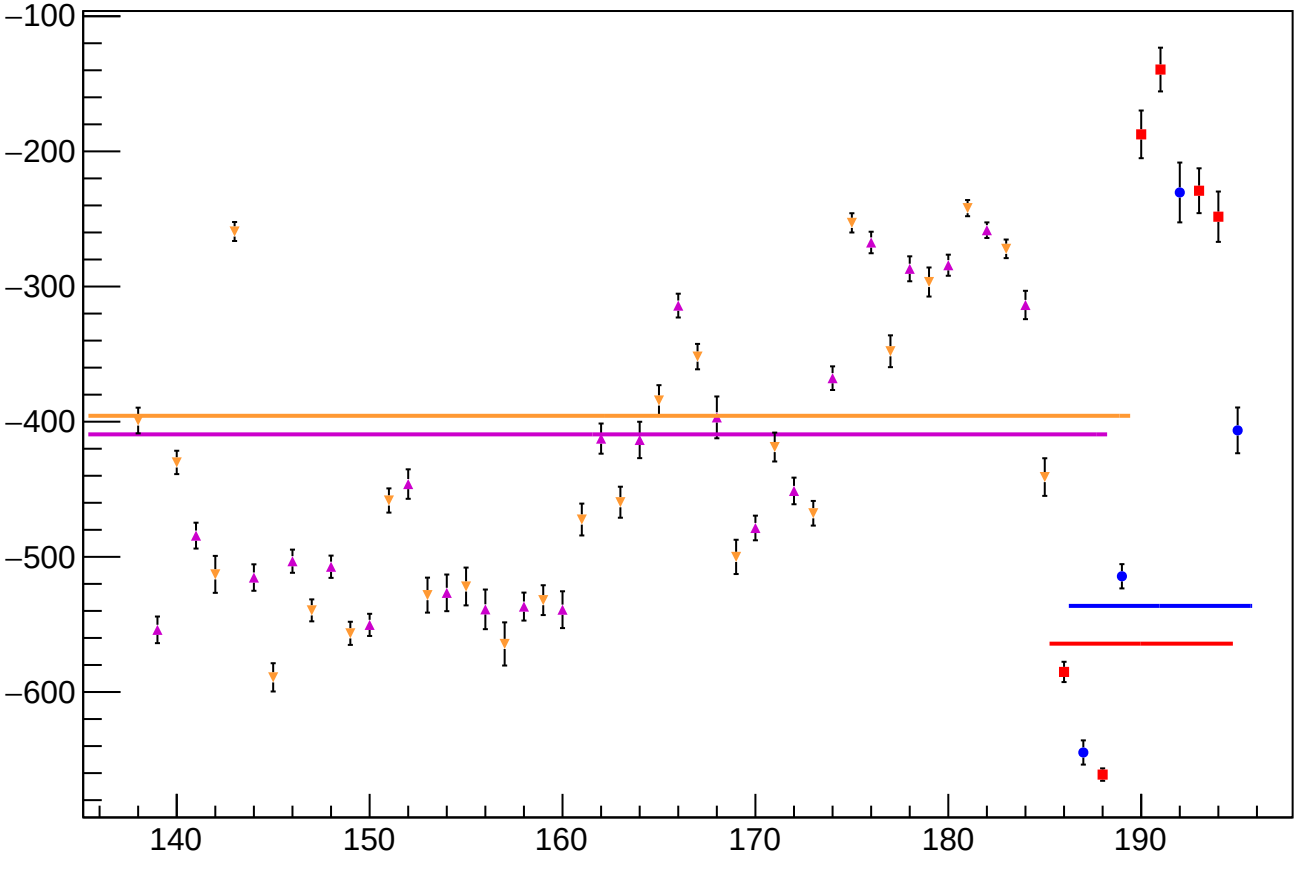
Right: 12.149+/-0.026 χ^2/NDF: 1029532.3/44

In: 2.212+/-0.014 χ^2/NDF:557514.4/43

Out: 2.618+/-0.014 χ^2/NDF:802123.9/48

All: 2.420+/-0.010 χ^2/NDF: 1360055.2/92

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -536.283+/-5.737 χ^2/NDF: 402.2/3

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -564.229+/-3.564 χ^2/NDF: 2293.6/5

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

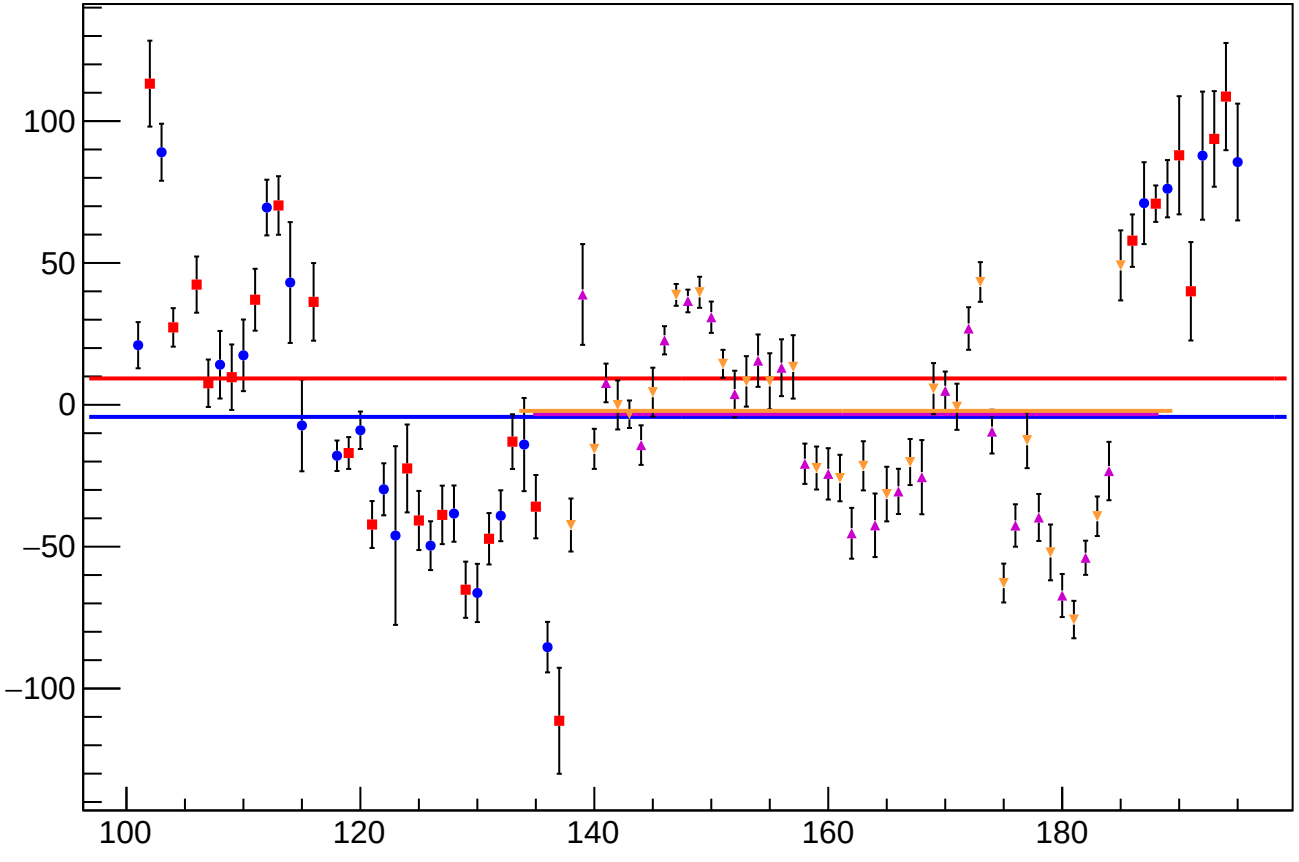
Right: -556.447+/-3.027 χ^2/NDF: 2713.0/9

In: -422.779+/-1.864 χ^2/NDF:3936.0/26

Out: -433.223+/-1.683 χ^2/NDF:7736.4/30

All: -428.534+/-1.249 χ^2/NDF: 11689.6/57

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.258+/-2.202 χ^2/NDF: 480.2/20

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 9.292+/-2.031 χ^2/NDF: 569.2/23

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

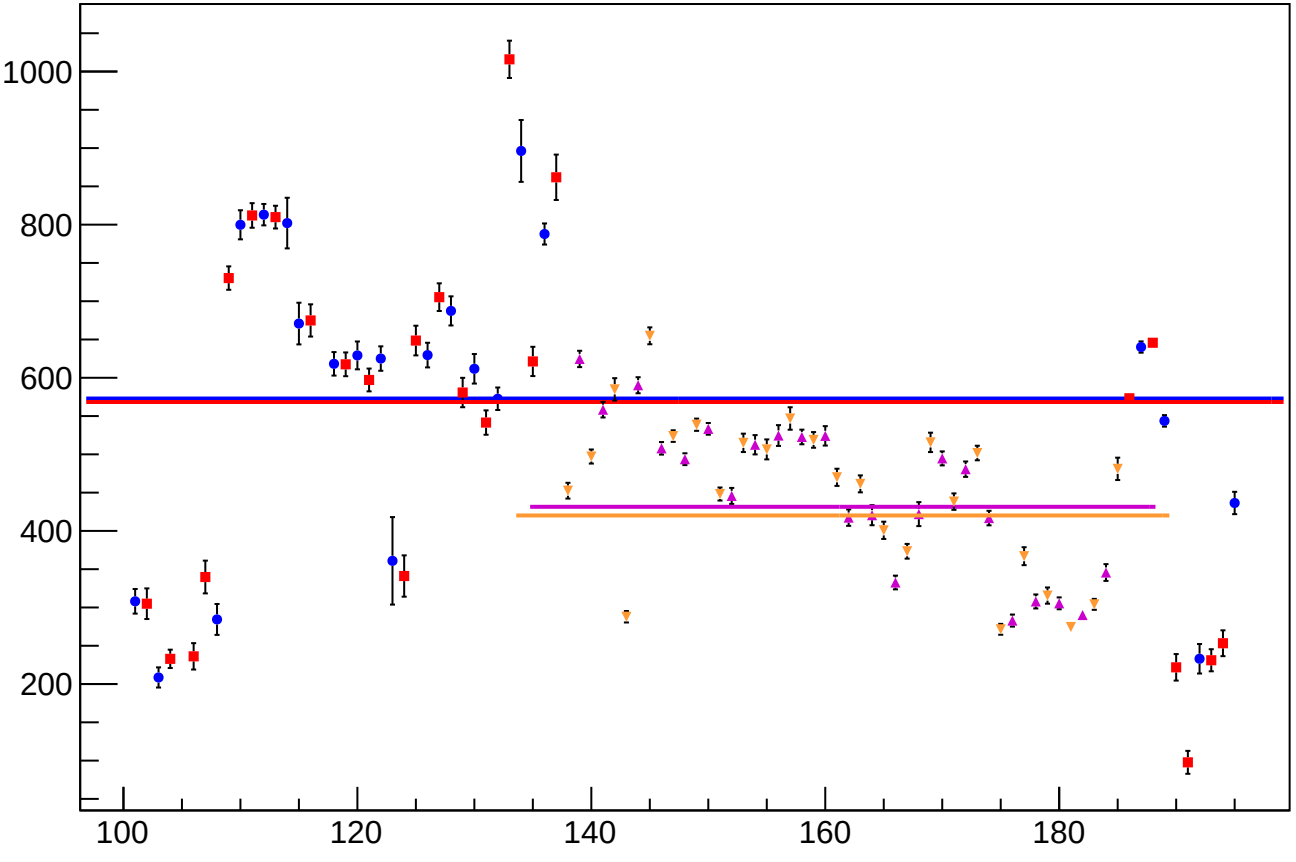
Right: 3.064+/-1.493 χ^2/NDF: 1069.8/44

In: -3.601+/-1.249 χ^2/NDF:934.8/43

Out: 1.671+/-1.172 χ^2/NDF:1153.1/48

All: -0.797+/-0.855 χ^2/NDF: 2097.4/92

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 572.896+/-3.210 χ^2/NDF: 2640.3/20

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 568.391+/-2.388 χ^2/NDF: 5405.6/23

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

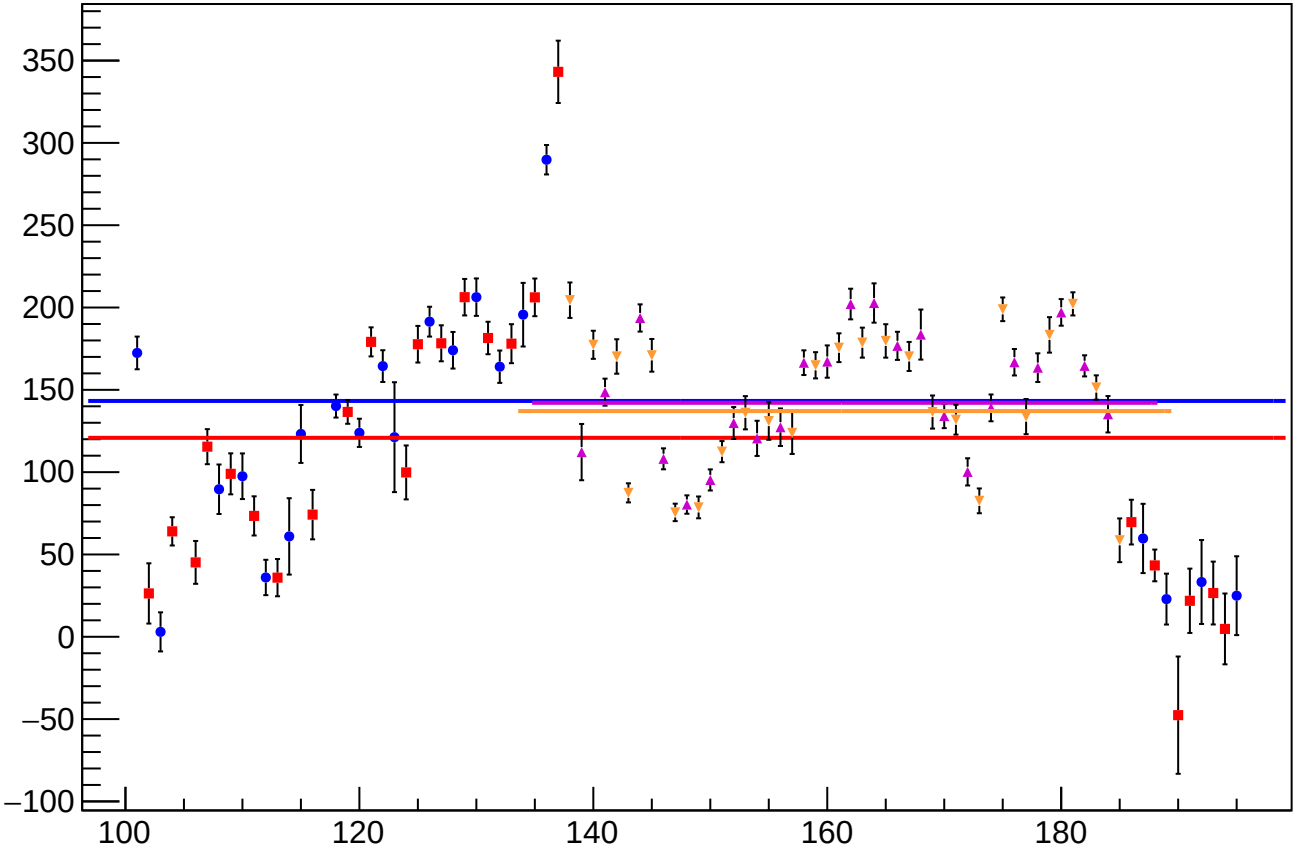
Right: 569.996+/-1.916 χ^2/NDF: 8047.2/44

In: 470.009+/-1.675 χ^2/NDF:6949.7/43

Out: 478.217+/-1.494 χ^2/NDF:10990.6/48

All: 474.581+/-1.115 χ^2/NDF: 17953.7/92

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 143.256+/-2.585 χ^2/NDF: 762.4/20

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 120.847+/-2.427 χ^2/NDF: 787.9/23

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

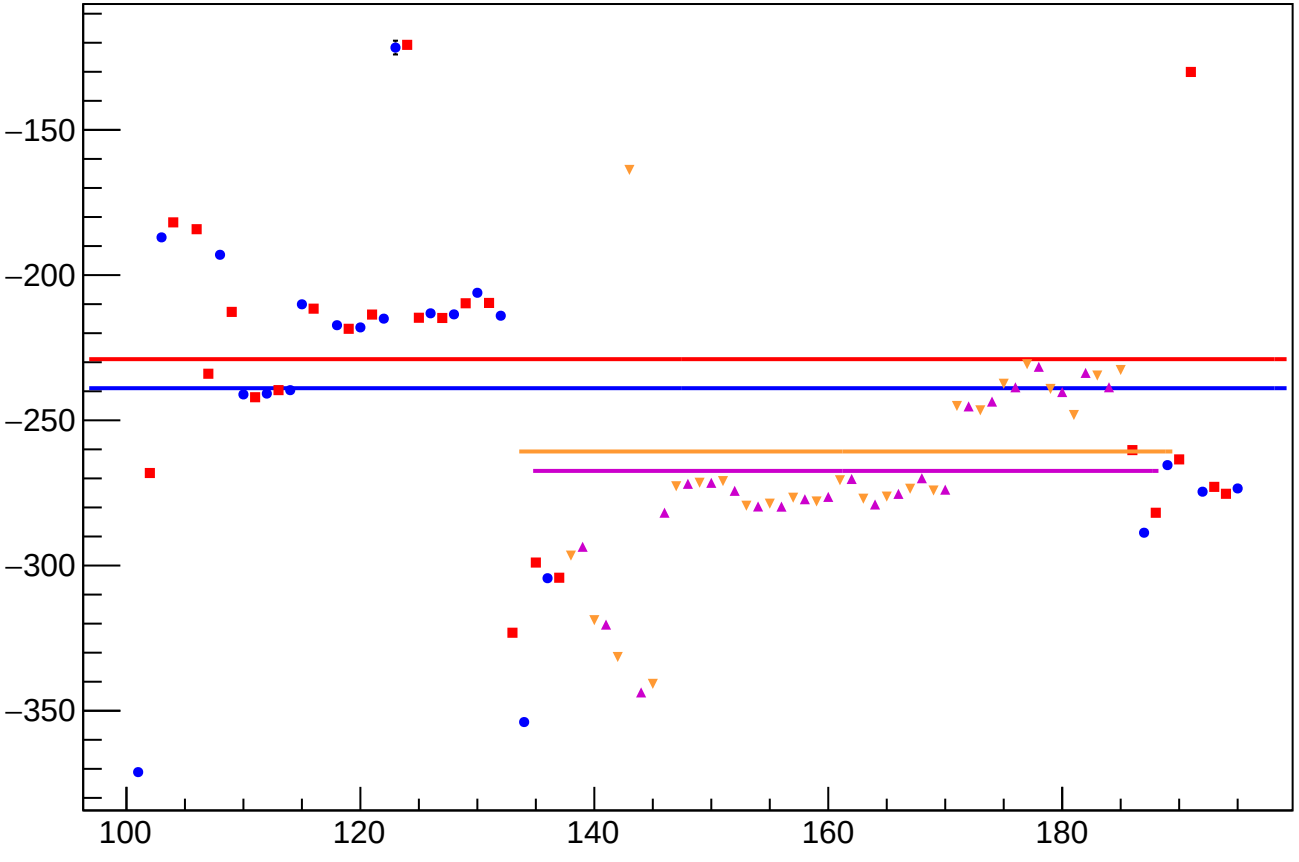
Right: 131.343+/-1.769 χ^2/NDF: 1590.2/44

In: 142.476+/-1.444 χ^2/NDF:1226.3/43

Out: 131.913+/-1.372 χ^2/NDF:1557.3/48

All: 136.925+/-0.994 χ^2/NDF: 2811.8/92

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.937+/-0.139 χ^2/NDF: 153504.4/20

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -228.942+/-0.125 χ^2/NDF: 151506.5/23

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

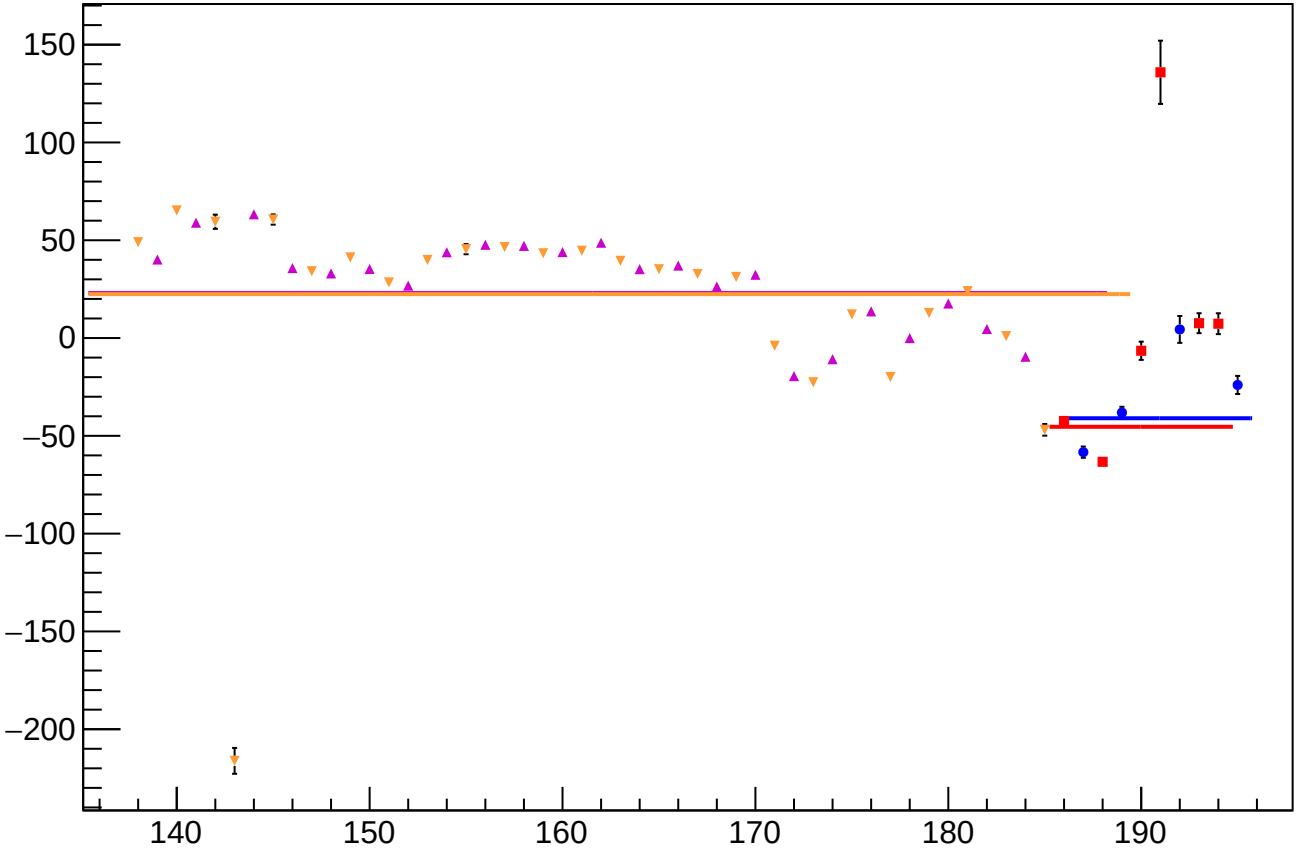
Right: -233.396+/-0.093 χ^2/NDF: 307870.6/44

In: -260.165+/-0.070 χ^2/NDF:283607.8/43

Out: -251.542+/-0.067 χ^2/NDF:417785.3/48

All: -255.655+/-0.049 χ^2/NDF: 709276.9/92

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.008+/-1.825 χ^2/NDF: 94.1/3

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -45.379+/-1.077 χ^2/NDF: 535.7/5

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

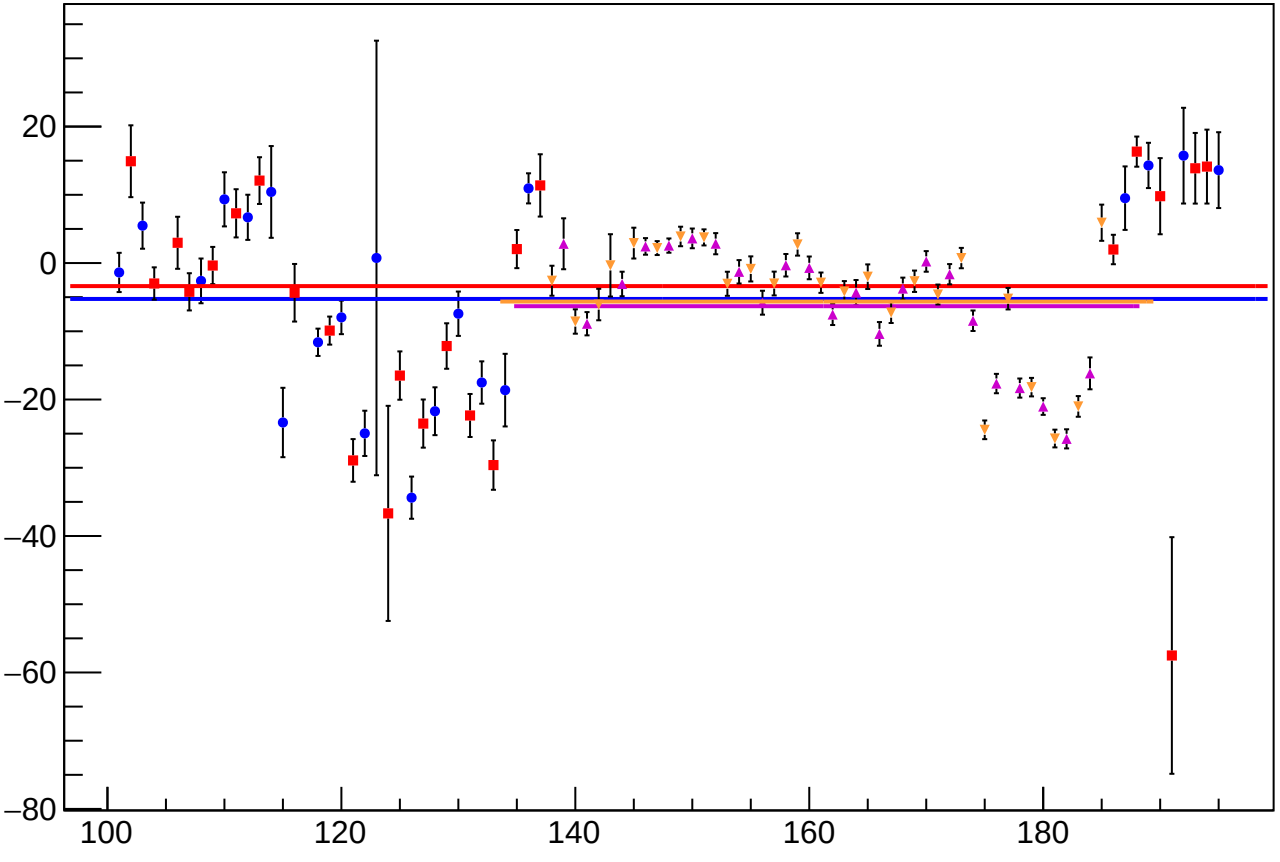
Right: -44.250+/-0.927 χ^2/NDF: 634.0/9

In: 20.088+/-0.391 χ^2/NDF:4088.5/26

Out: 14.264+/-0.374 χ^2/NDF:8959.8/30

All: 17.050+/-0.270 χ^2/NDF: 13164.4/57

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.260+/-0.737 χ^2/NDF: 356.4/20

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -3.379+/-0.667 χ^2/NDF: 405.9/23

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

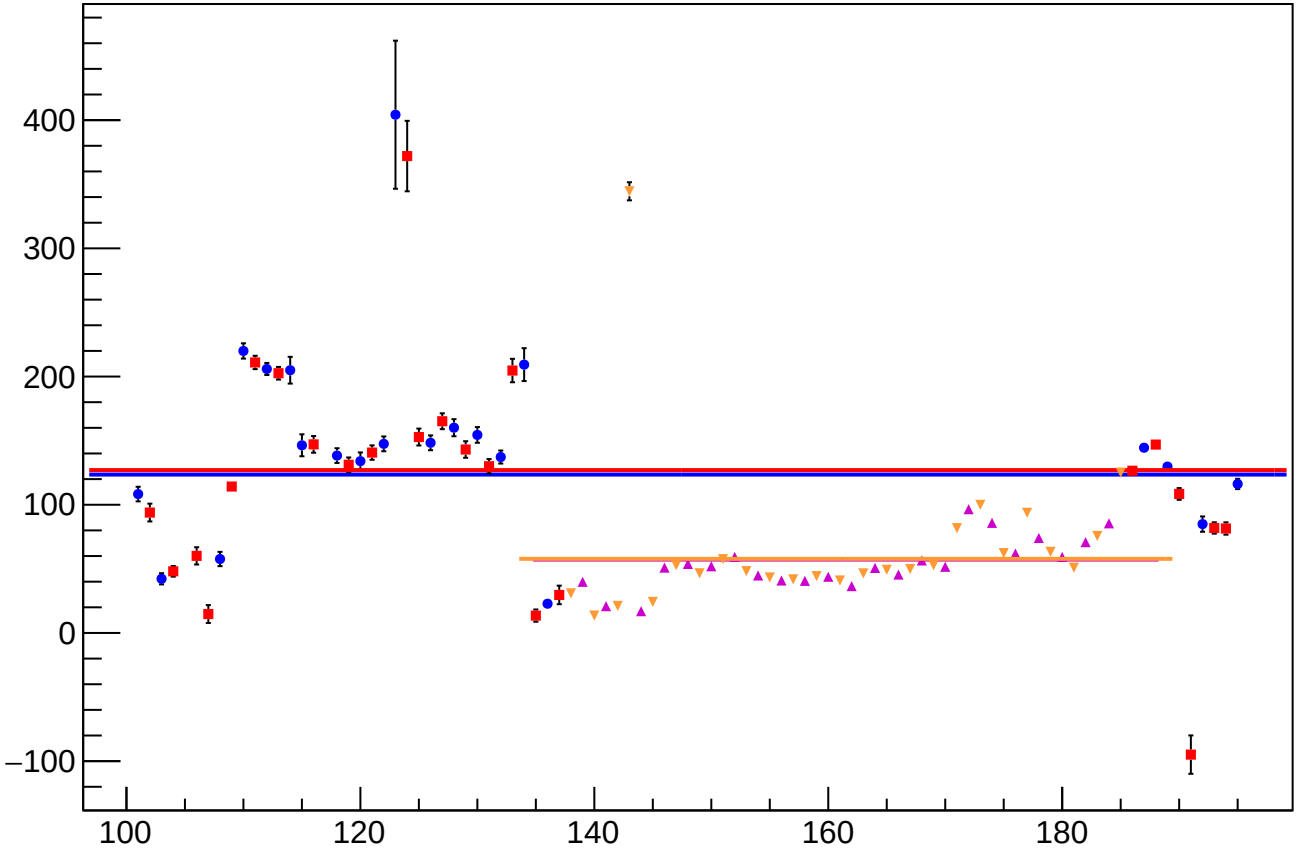
Right: -4.226+/-0.495 χ^2/NDF: 765.8/44

In: -6.155+/-0.294 χ^2/NDF:1142.5/43

Out: -5.225+/-0.285 χ^2/NDF:1306.8/48

All: -5.676+/-0.205 χ^2/NDF: 2454.5/92

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 123.549+/-1.039 χ^2/NDF: 2309.7/20

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 127.037+/-0.740 χ^2/NDF: 2900.8/23

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

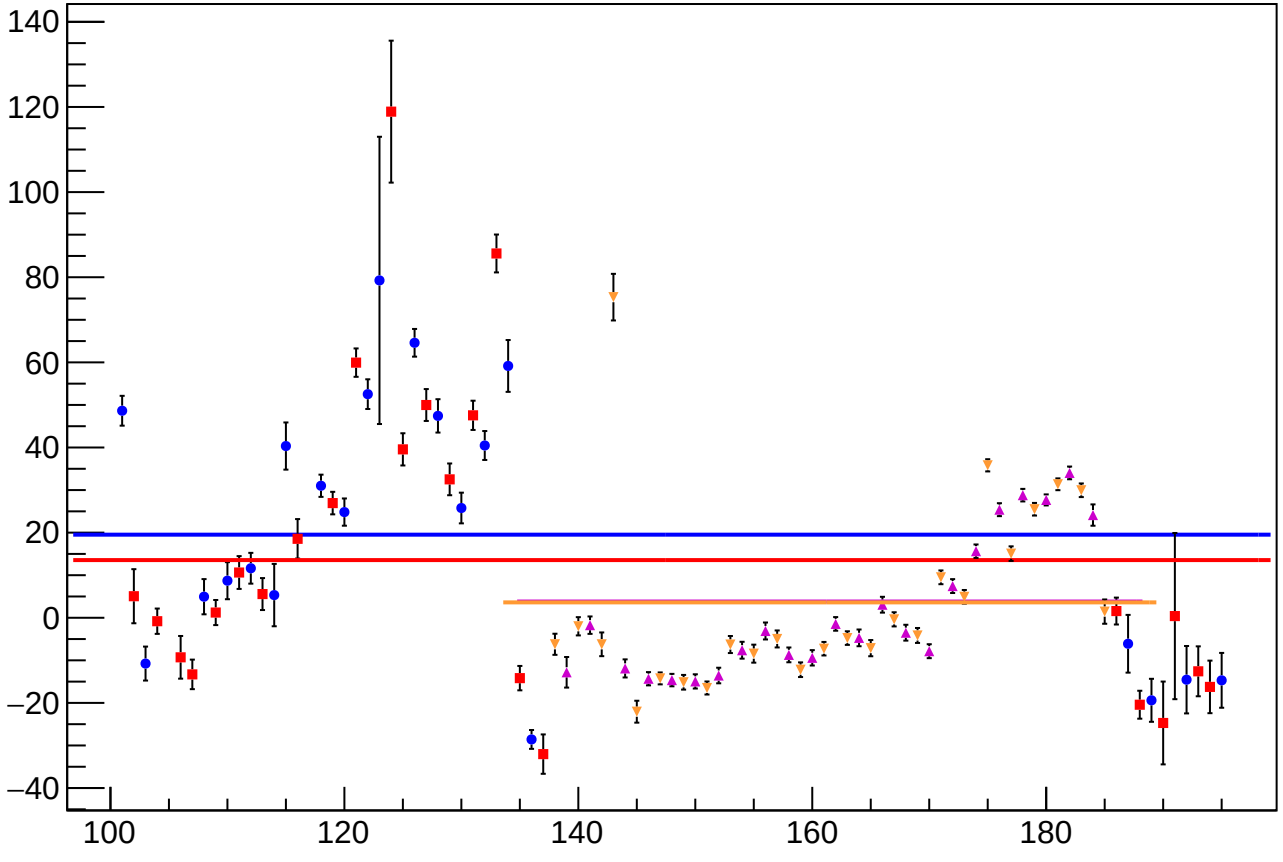
Right: 125.863+/-0.603 χ^2/NDF: 5218.0/44

In: 65.719+/-0.372 χ^2/NDF:7725.1/43

Out: 73.354+/-0.351 χ^2/NDF:14021.7/48

All: 69.760+/-0.255 χ^2/NDF: 21970.0/92

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.521+/-0.856 χ^2/NDF: 1201.2/20

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 13.550+/-0.797 χ^2/NDF: 1287.7/23

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

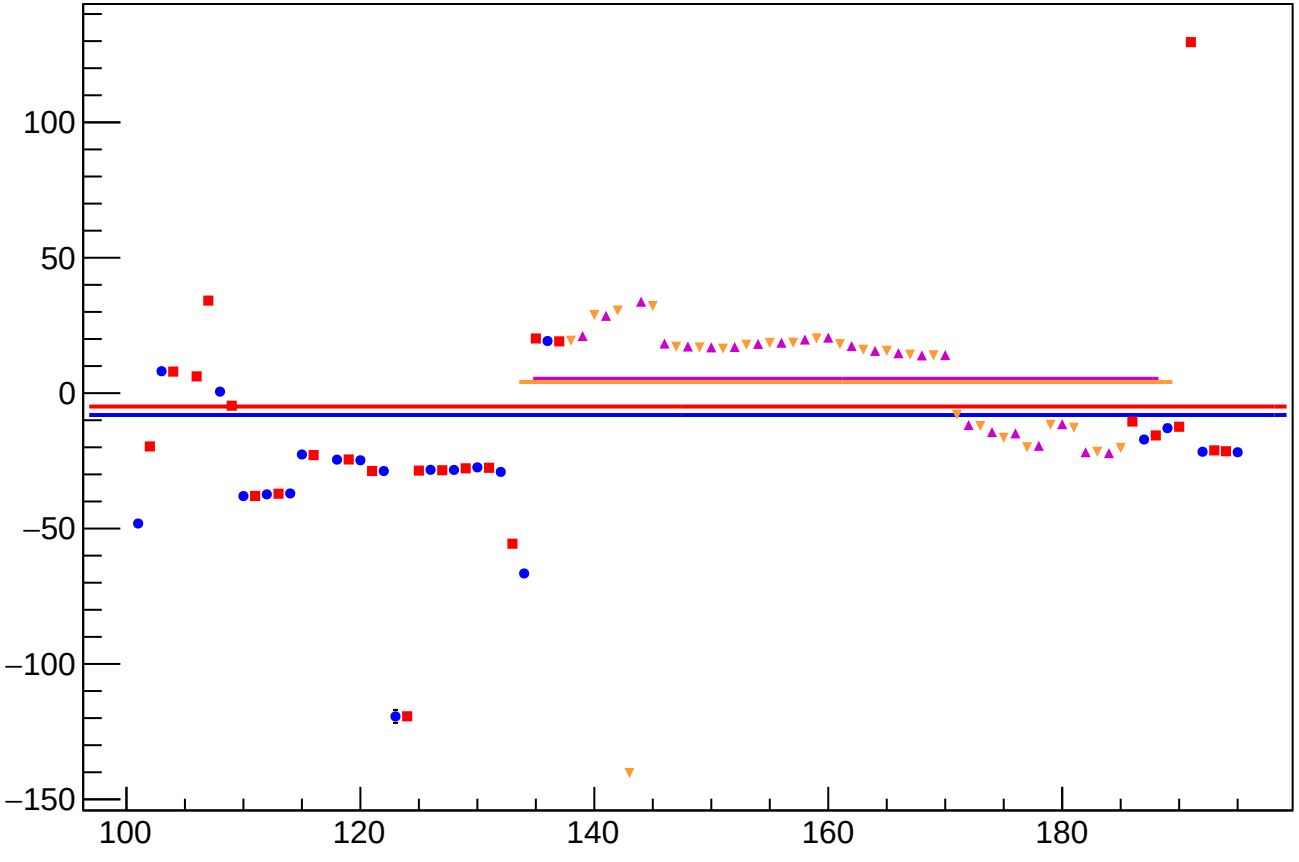
Right: 16.323+/-0.583 χ^2/NDF: 2515.1/44

In: 6.183+/-0.332 χ^2/NDF:3691.0/43

Out: 5.274+/-0.326 χ^2/NDF:3918.5/48

All: 5.719+/-0.233 χ^2/NDF: 7613.2/92

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.076+/-0.043 χ^2/NDF: 276012.8/20

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -4.944+/-0.040 χ^2/NDF: 351355.7/23

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

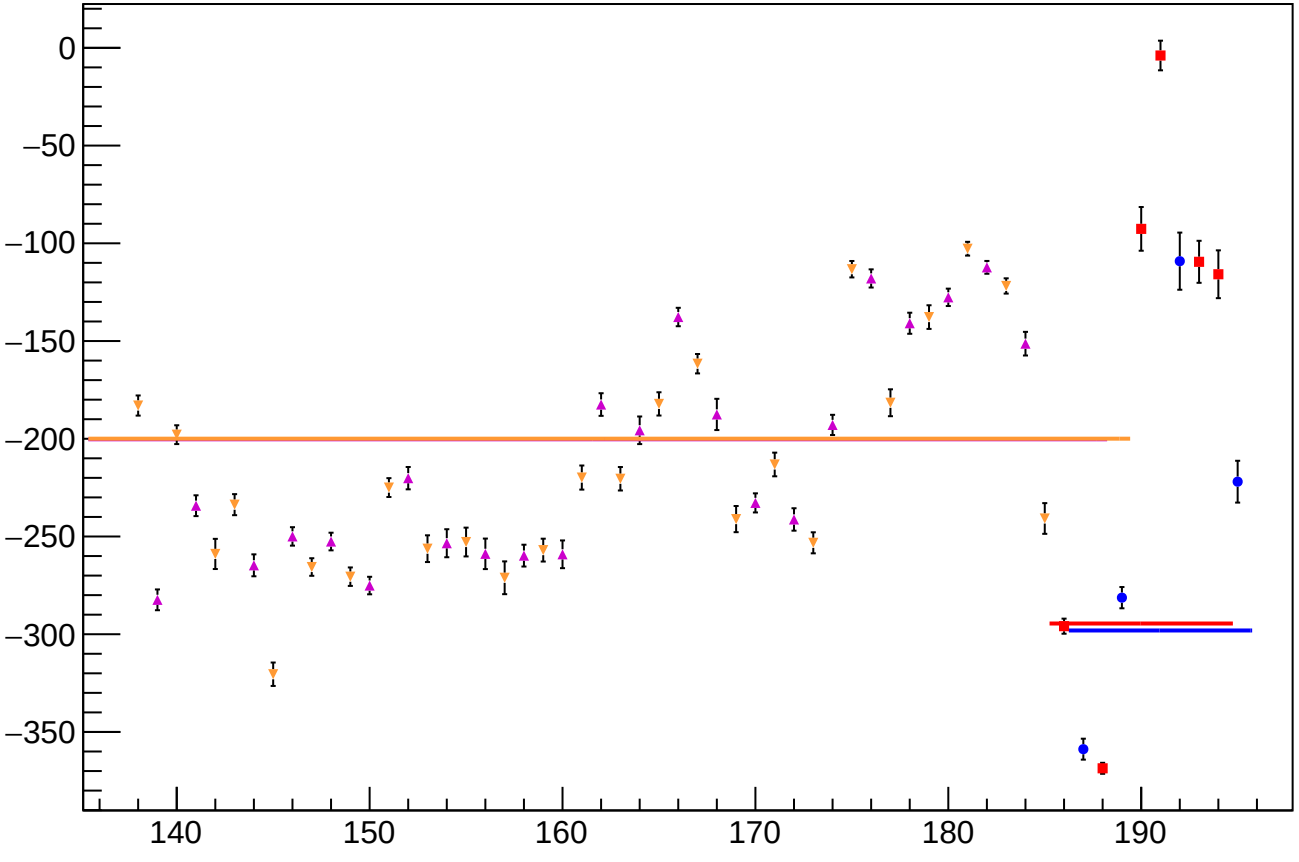
Right: -6.415+/-0.029 χ^2/NDF: 630177.7/44

In: 3.616+/-0.015 χ^2/NDF:1450146.0/43

Out: 2.848+/-0.015 χ^2/NDF:1734605.2/48

All: 3.229+/-0.011 χ^2/NDF: 3186022.8/92

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -298.083+/-3.490 χ^2/NDF: 355.7/3

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -294.518+/-2.065 χ^2/NDF: 2996.7/5

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

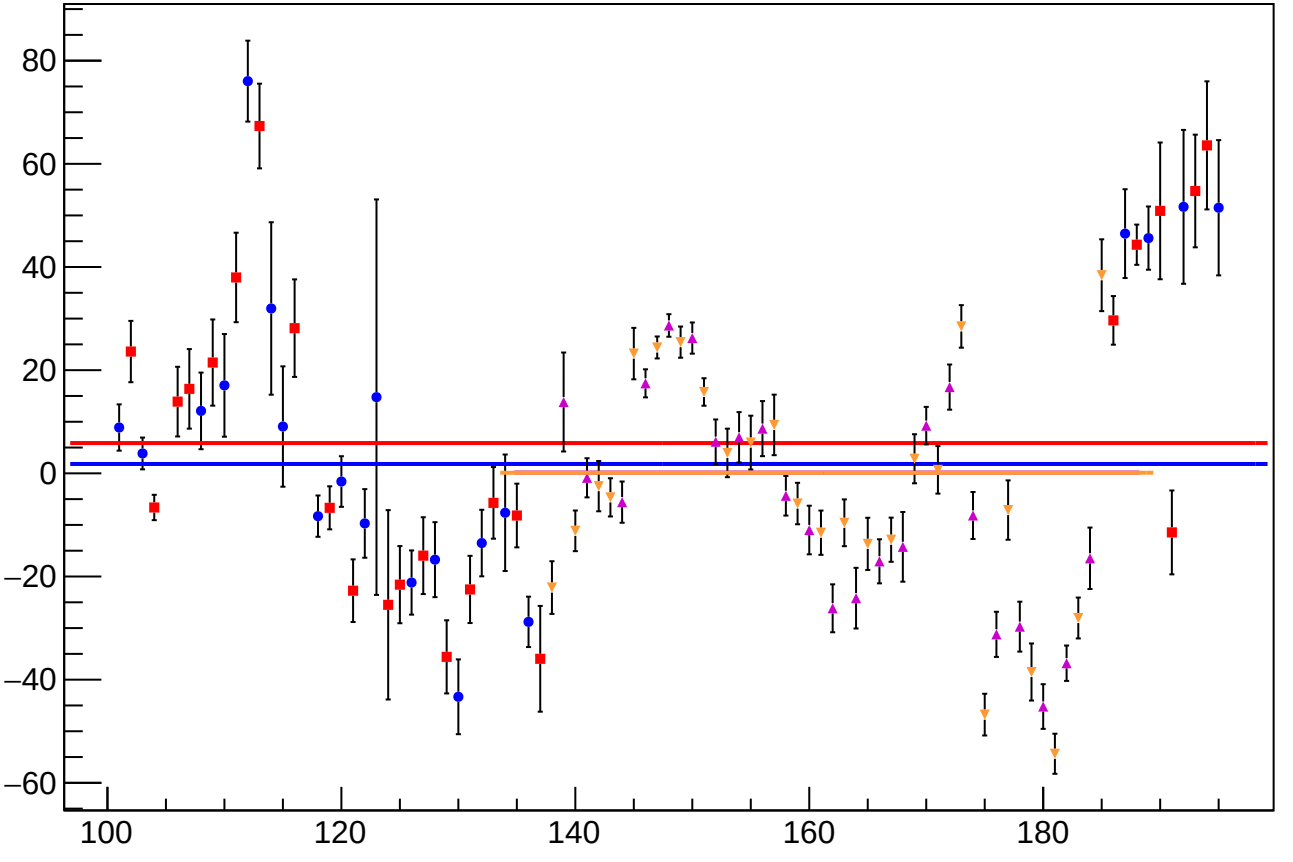
Right: -295.442+/-1.777 χ^2/NDF: 3353.2/9

In: -209.017+/-1.043 χ^2/NDF:4084.6/26

Out: -220.308+/-0.958 χ^2/NDF:7862.3/30

All: -215.142+/-0.706 χ^2/NDF: 12010.5/57

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.816+/-1.379 χ^2/NDF: 318.3/20

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 5.870+/-1.234 χ^2/NDF: 431.2/23

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

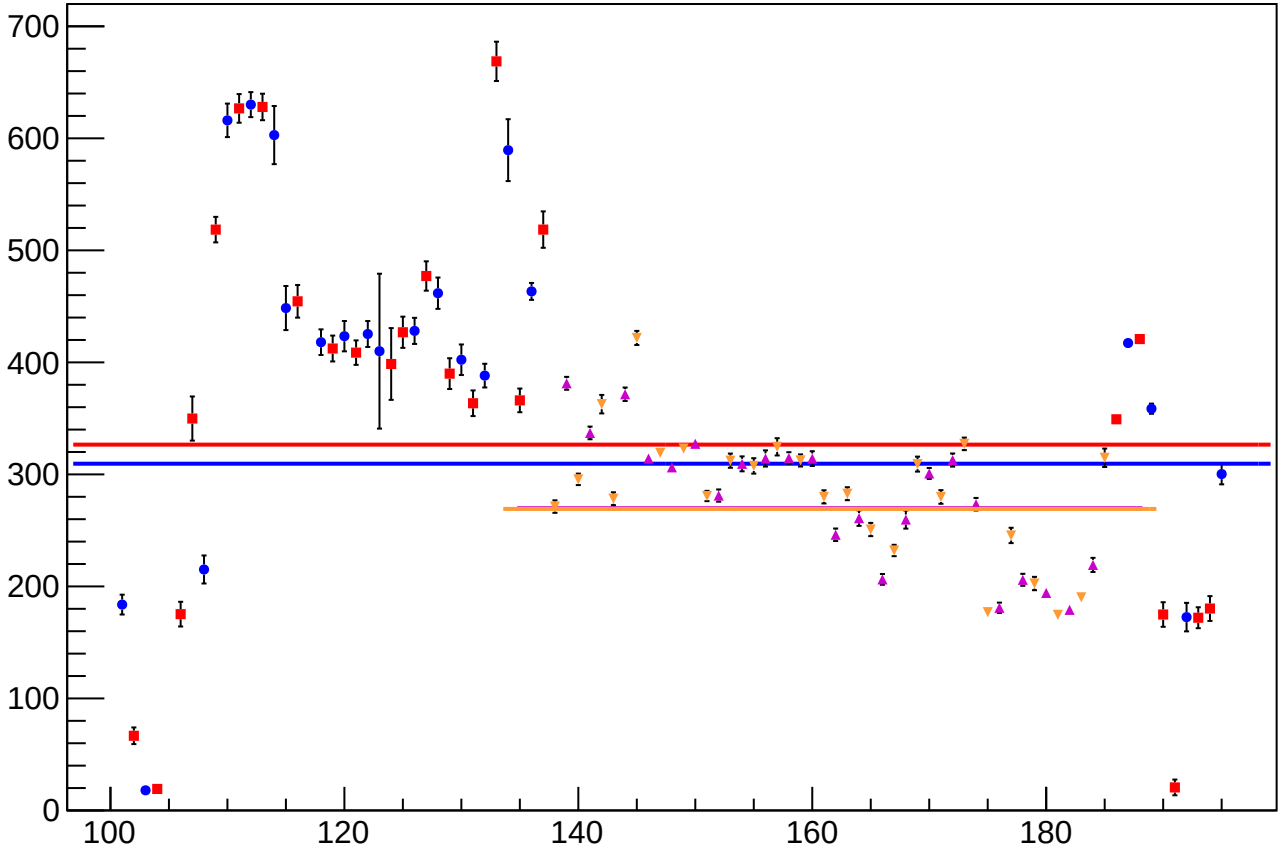
Right: 4.067+/-0.920 χ^2/NDF: 754.2/44

In: 0.600+/-0.715 χ^2/NDF:1039.0/43

Out: 1.849+/-0.678 χ^2/NDF:1276.5/48

All: 1.258+/-0.492 χ^2/NDF: 2317.0/92

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 309.528+/-1.886 χ^2/NDF: 8796.1/20

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 326.577+/-1.394 χ^2/NDF: 13170.4/23

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

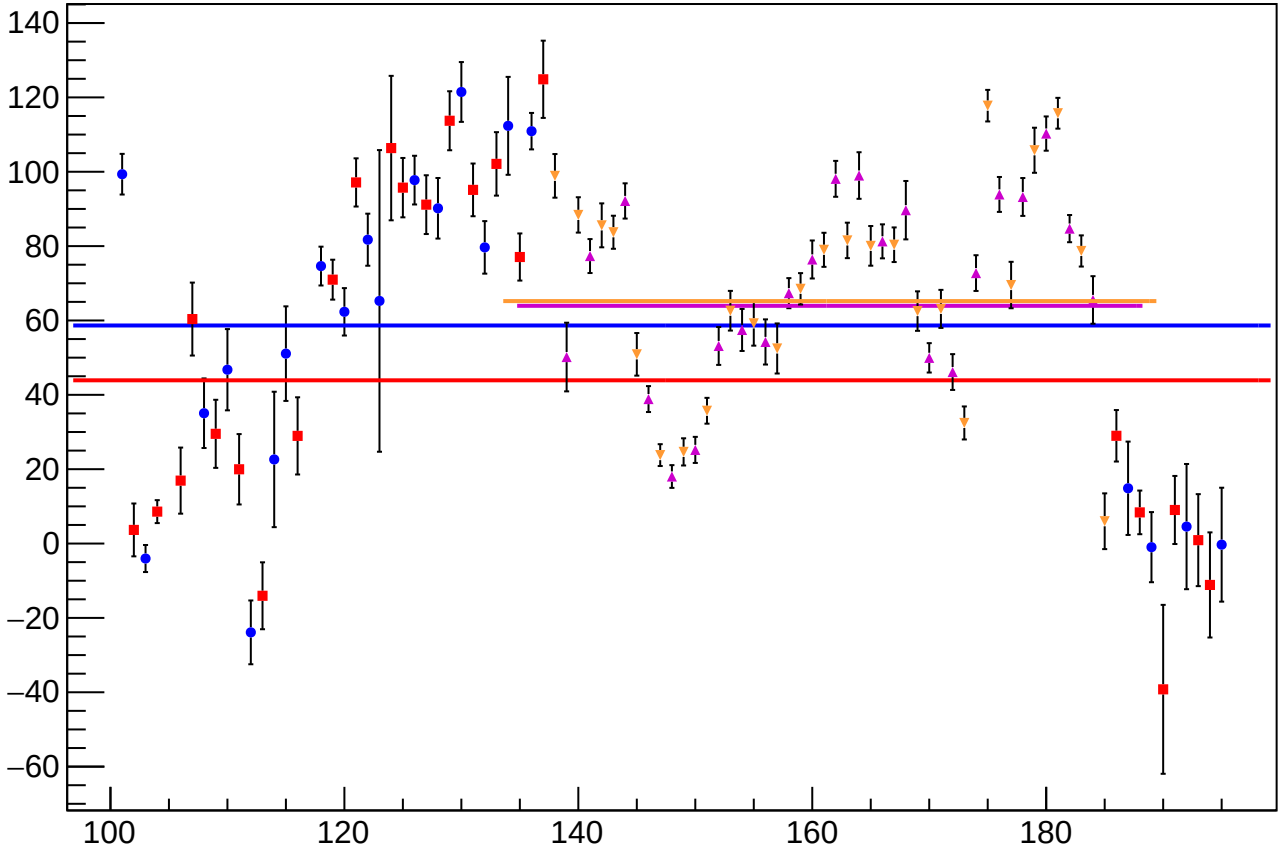
Right: 320.552+/-1.121 χ^2/NDF: 22019.3/44

In: 279.705+/-0.942 χ^2/NDF:12364.2/43

Out: 290.725+/-0.854 χ^2/NDF:17377.3/48

All: 285.751+/-0.633 χ^2/NDF: 29816.6/92

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 58.651+/-1.621 χ^2/NDF: 805.1/20

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 43.904+/-1.500 χ^2/NDF: 769.2/23

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

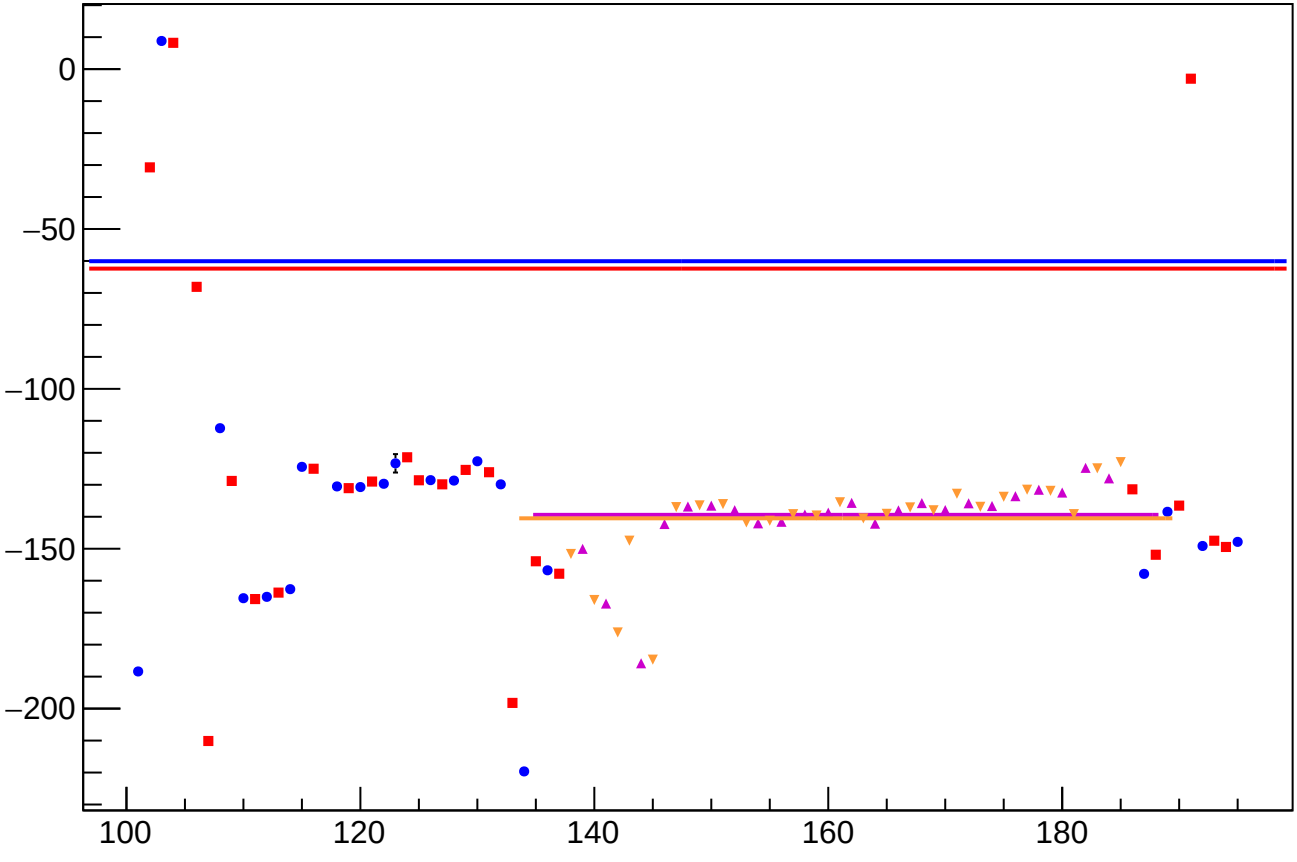
Right: 50.706+/-1.101 χ^2/NDF: 1618.8/44

In: 62.569+/-0.826 χ^2/NDF:1616.4/43

Out: 59.222+/-0.795 χ^2/NDF:1919.9/48

All: 60.832+/-0.573 χ^2/NDF: 3544.8/92

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -60.073+/-0.068 χ^2/NDF: 1352932.0/20

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -62.391+/-0.065 χ^2/NDF: 1224550.9/23

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

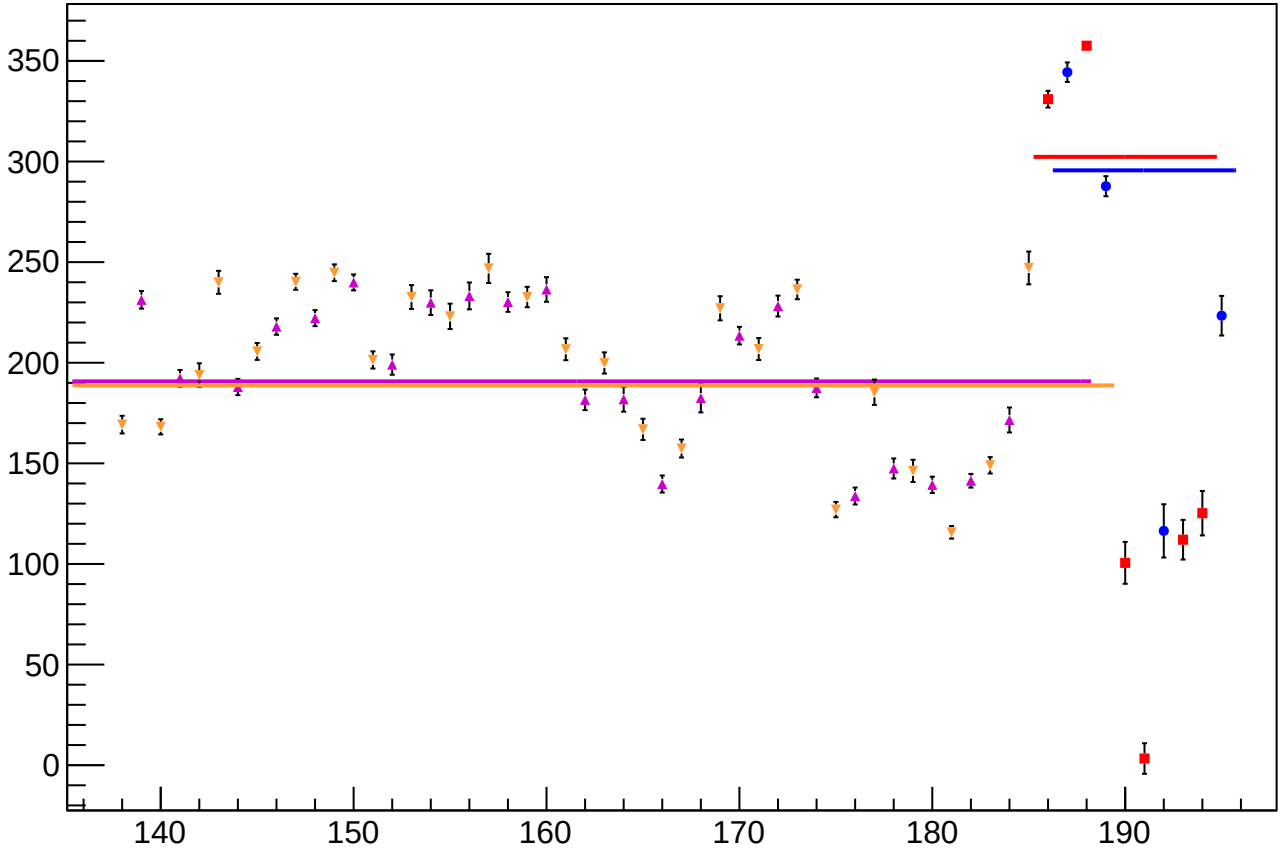
Right: -61.280+/-0.047 χ^2/NDF: 2578092.3/44

In: -115.248+/-0.037 χ^2/NDF:2369111.7/43

Out: -115.412+/-0.037 χ^2/NDF:2282448.8/48

All: -115.331+/-0.026 χ^2/NDF: 4651570.2/92

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 295.614+/-3.182 χ^2/NDF: 341.2/3

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 302.321+/-1.952 χ^2/NDF: 3091.2/5

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

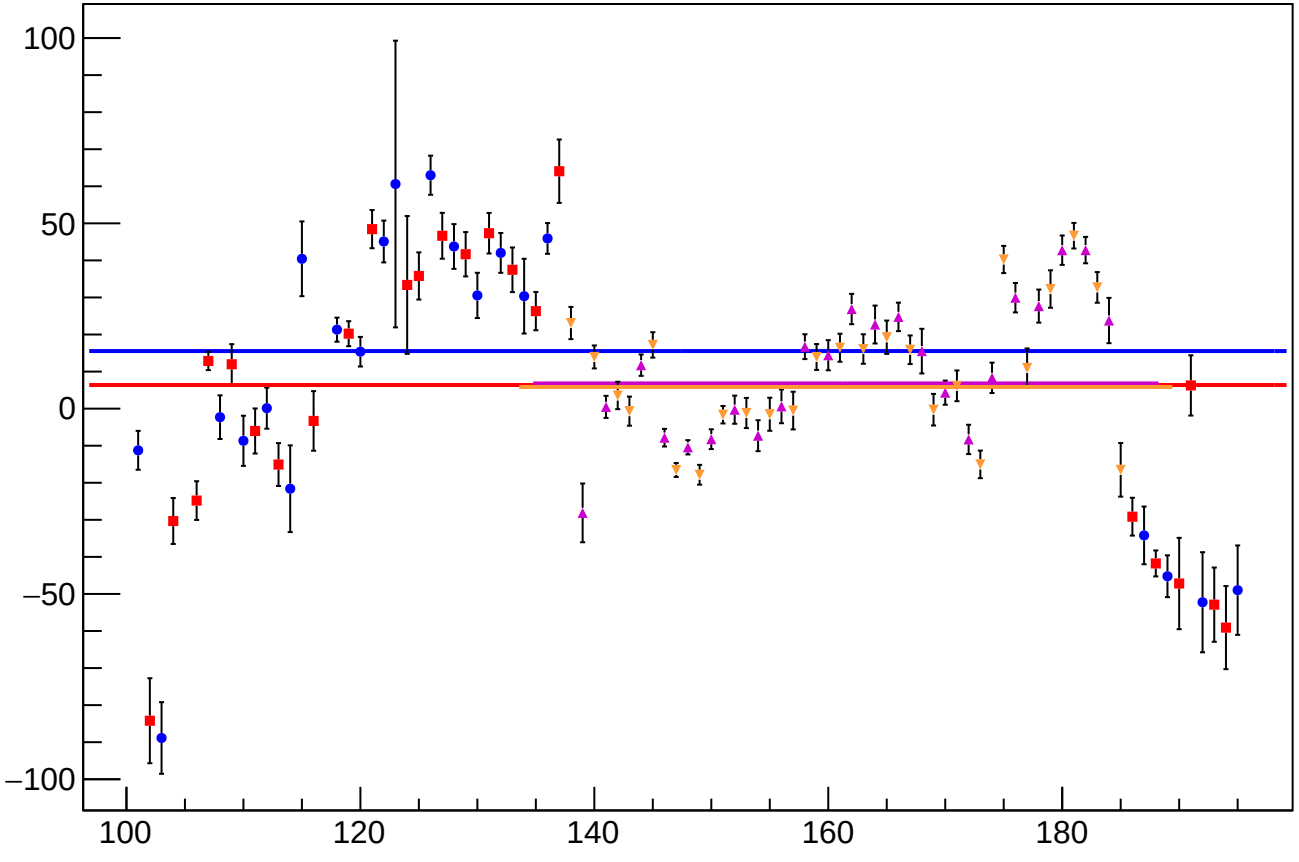
Right: 300.487+/-1.664 χ^2/NDF: 3435.6/9

In: 199.686+/-0.929 χ^2/NDF:2756.5/26

Out: 210.788+/-0.860 χ^2/NDF:7786.7/30

All: 205.662+/-0.631 χ^2/NDF: 10620.1/57

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.536+/-1.302 χ^2/NDF: 619.7/20

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 6.371+/-1.104 χ^2/NDF: 813.2/23

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

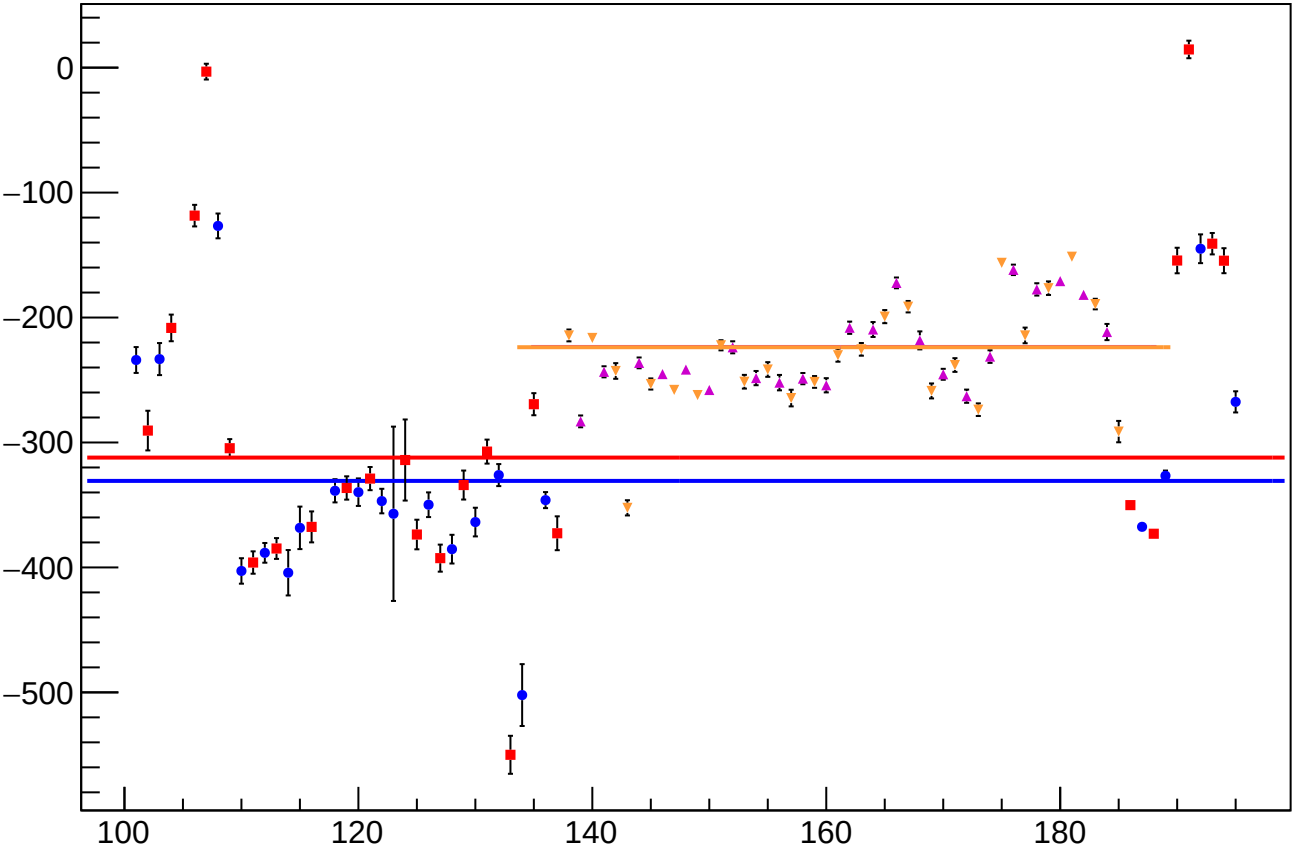
Right: 10.206+/-0.842 χ^2/NDF: 1461.8/44

In: 8.908+/-0.640 χ^2/NDF:1179.7/43

Out: 6.004+/-0.600 χ^2/NDF:1464.0/48

All: 7.363+/-0.438 χ^2/NDF: 2654.7/92

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -330.748+/-1.841 χ^2/NDF: 1187.6/20

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -312.085+/-1.318 χ^2/NDF: 7657.5/23

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

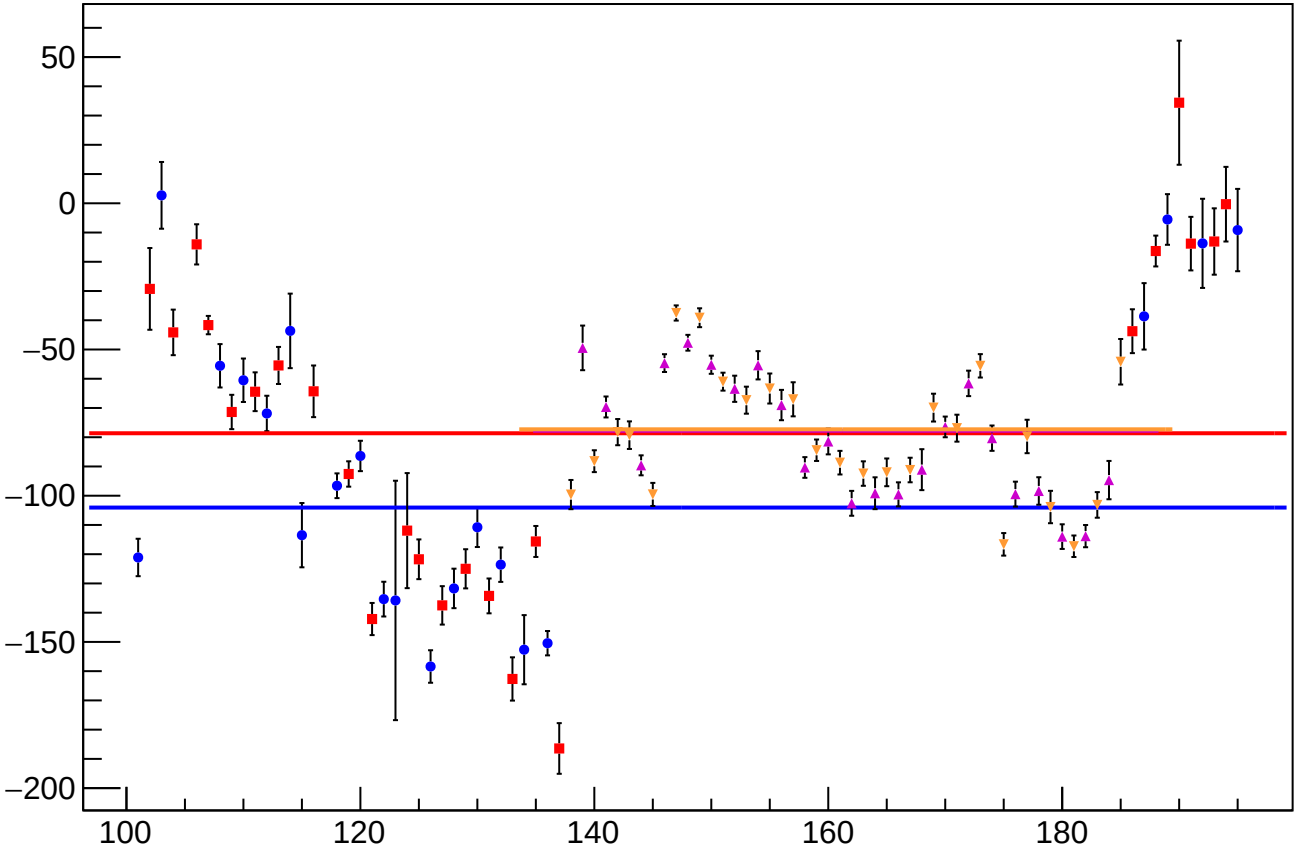
Right: -318.408+/-1.072 χ^2/NDF: 8913.1/44

In: -246.678+/-0.855 χ^2/NDF:5132.7/43

Out: -254.289+/-0.775 χ^2/NDF:12618.5/48

All: -250.857+/-0.574 χ^2/NDF: 17794.7/92

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -104.055+/-1.521 χ^2/NDF: 774.5/20

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -78.641+/-1.328 χ^2/NDF: 1327.2/23

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

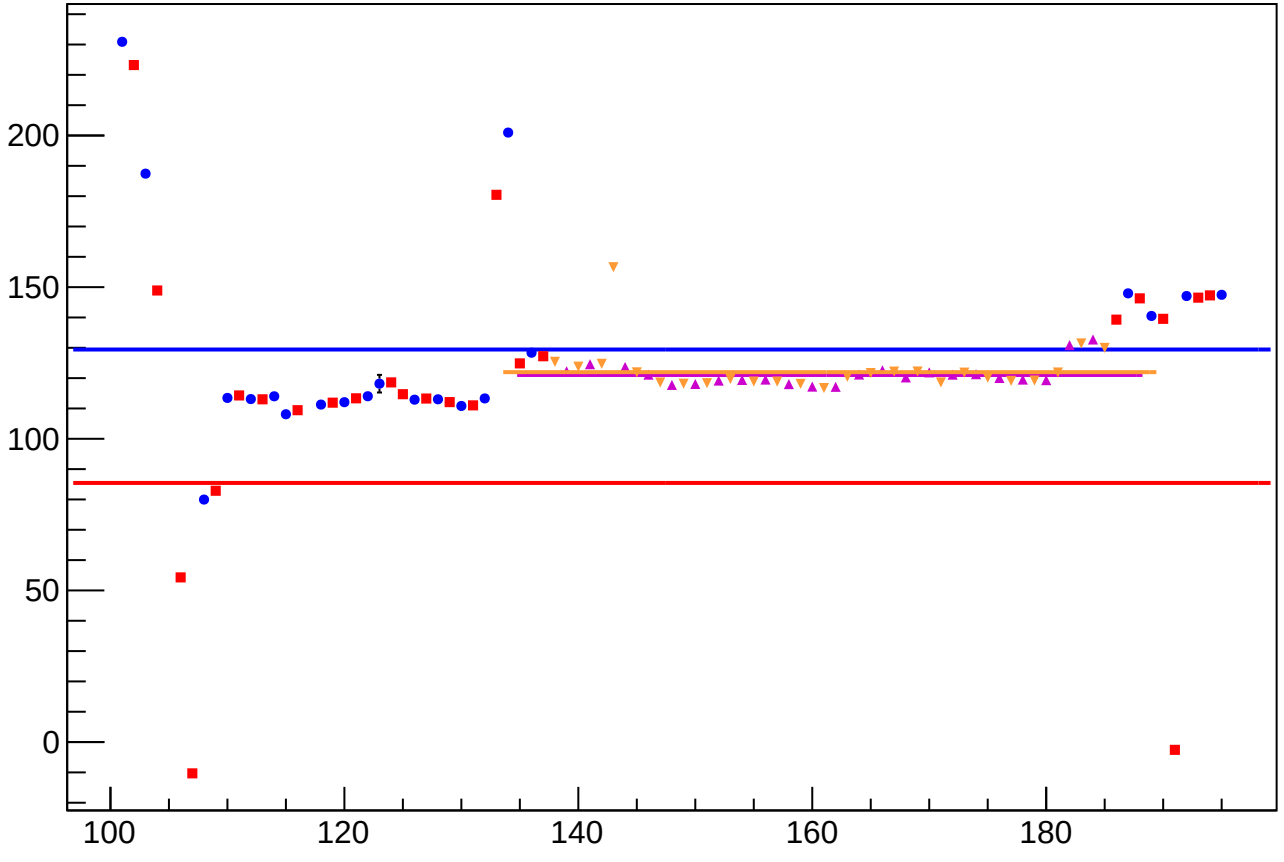
Right: -89.636+/-1.000 χ^2/NDF: 2260.1/44

In: -83.993+/-0.740 χ^2/NDF:1626.9/43

Out: -77.673+/-0.703 χ^2/NDF:2172.5/48

All: -80.672+/-0.510 χ^2/NDF: 3837.7/92

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 129.437+/-0.083 χ^2/NDF: 193362.0/20

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 85.444+/-0.067 χ^2/NDF: 995855.3/23

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

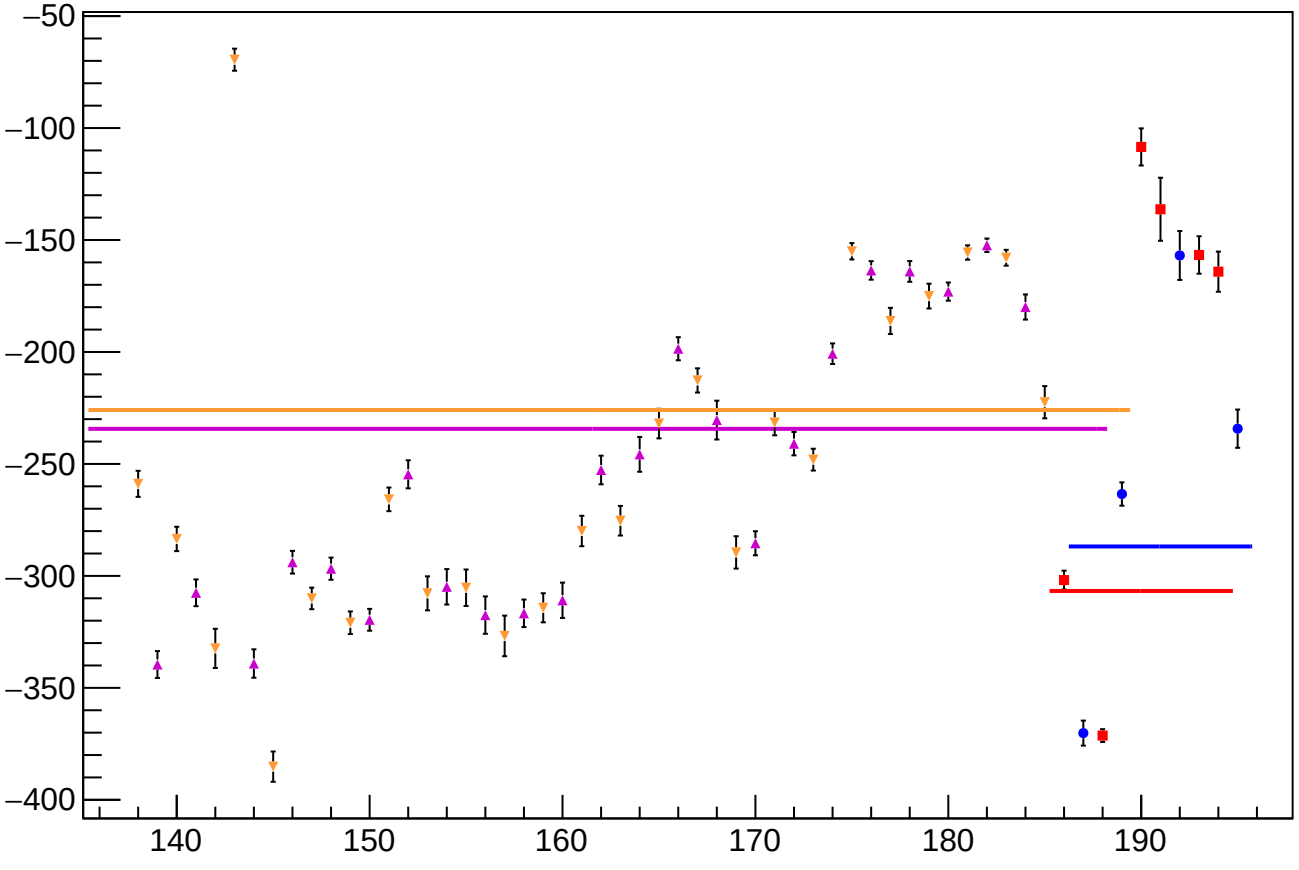
Right: 102.645+/-0.052 χ^2/NDF: 1359331.4/44

In: 122.592+/-0.036 χ^2/NDF:209555.2/43

Out: 112.489+/-0.034 χ^2/NDF:1245373.0/48

All: 117.287+/-0.025 χ^2/NDF: 1496901.4/92

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -286.857+/-3.315 χ^2/NDF: 422.4/3

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -306.729+/-2.104 χ^2/NDF: 1807.0/5

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

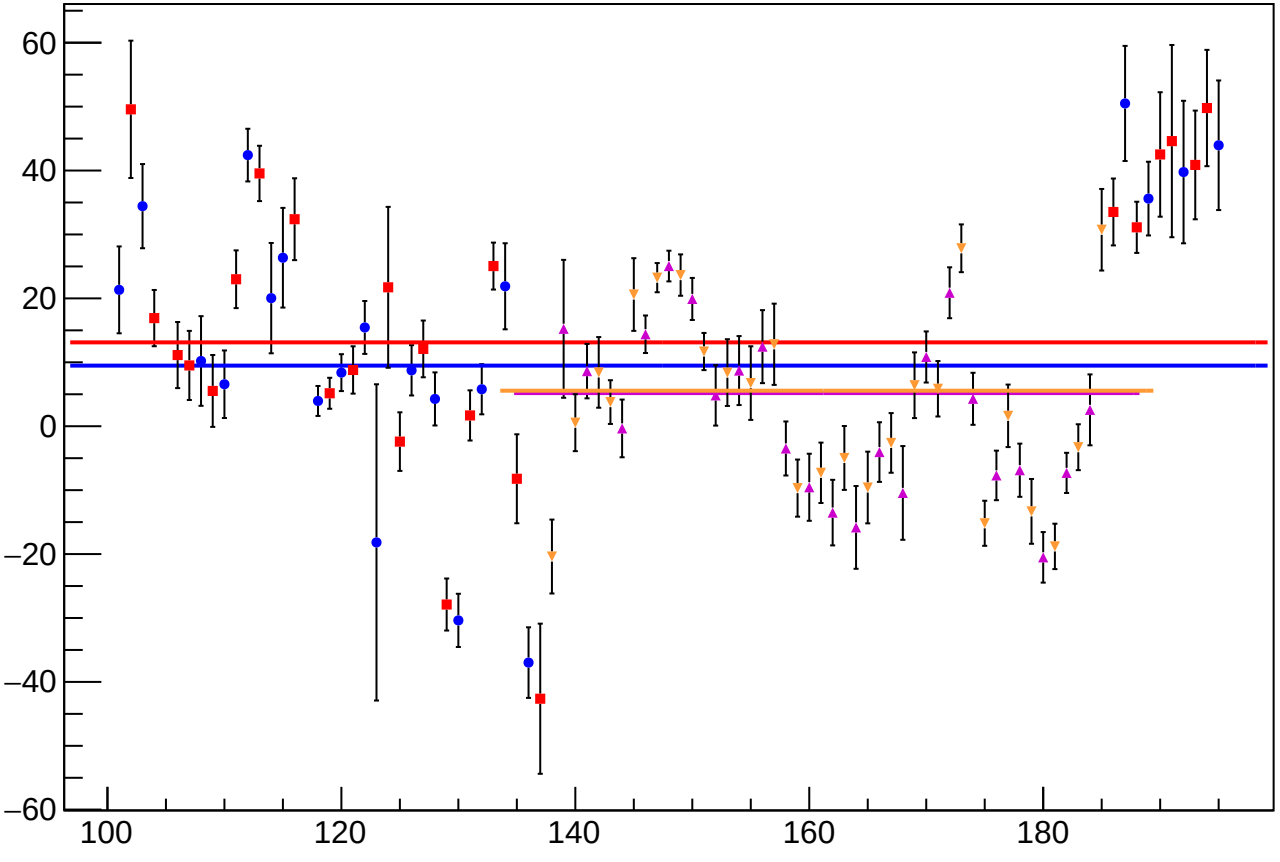
Right: -301.020+/-1.777 χ^2/NDF: 2255.1/9

In: -239.576+/-1.048 χ^2/NDF:4240.4/26

Out: -242.841+/-0.963 χ^2/NDF:7642.2/30

All: -241.345+/-0.709 χ^2/NDF: 11887.9/57

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.481+/-1.047 χ^2/NDF: 325.4/20

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 13.117+/-0.997 χ^2/NDF: 318.2/23

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

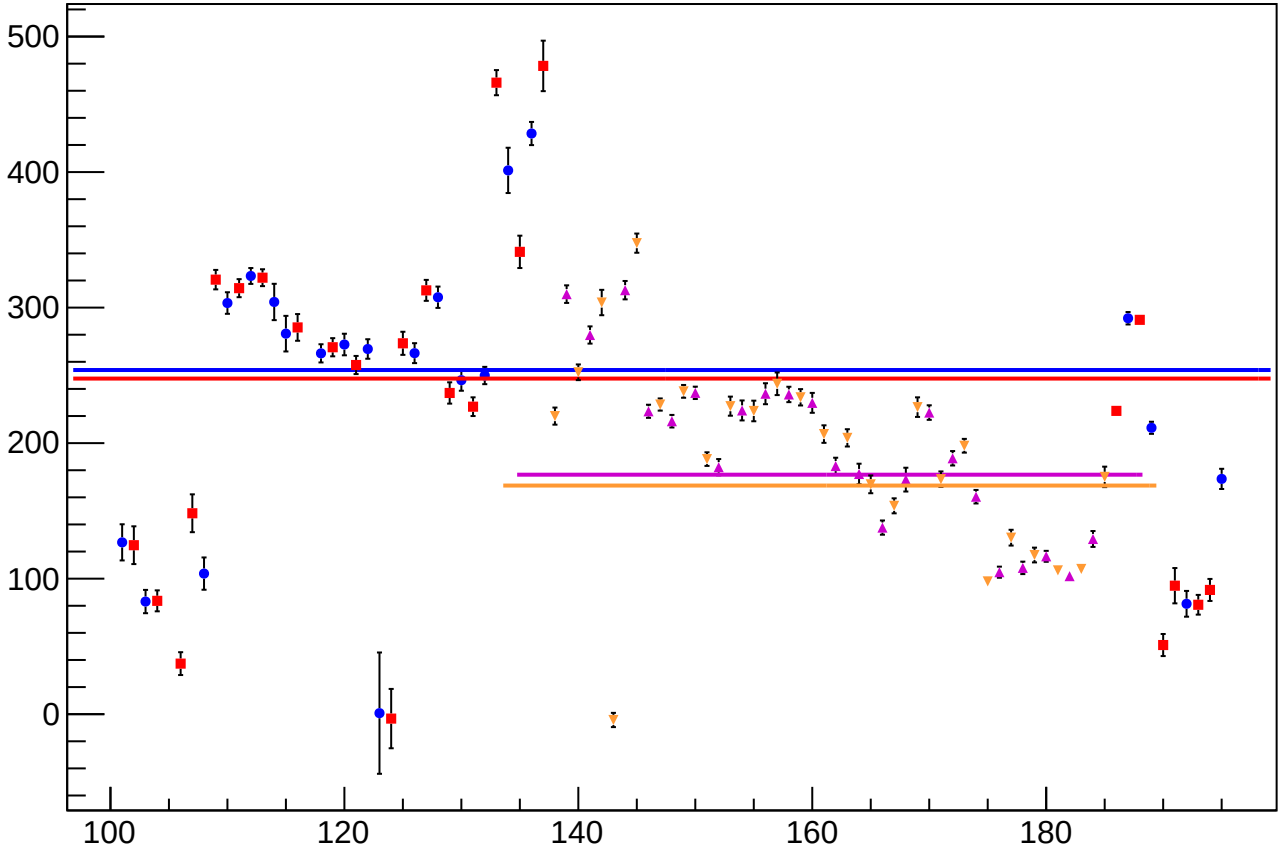
Right: 11.388+/-0.722 χ^2/NDF: 649.9/44

In: 6.932+/-0.668 χ^2/NDF:578.5/43

Out: 8.660+/-0.639 χ^2/NDF:665.6/48

All: 7.834+/-0.462 χ^2/NDF: 1247.6/92

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 253.949+/-1.667 χ^2/NDF: 2038.2/20

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 247.634+/-1.305 χ^2/NDF: 4587.8/23

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

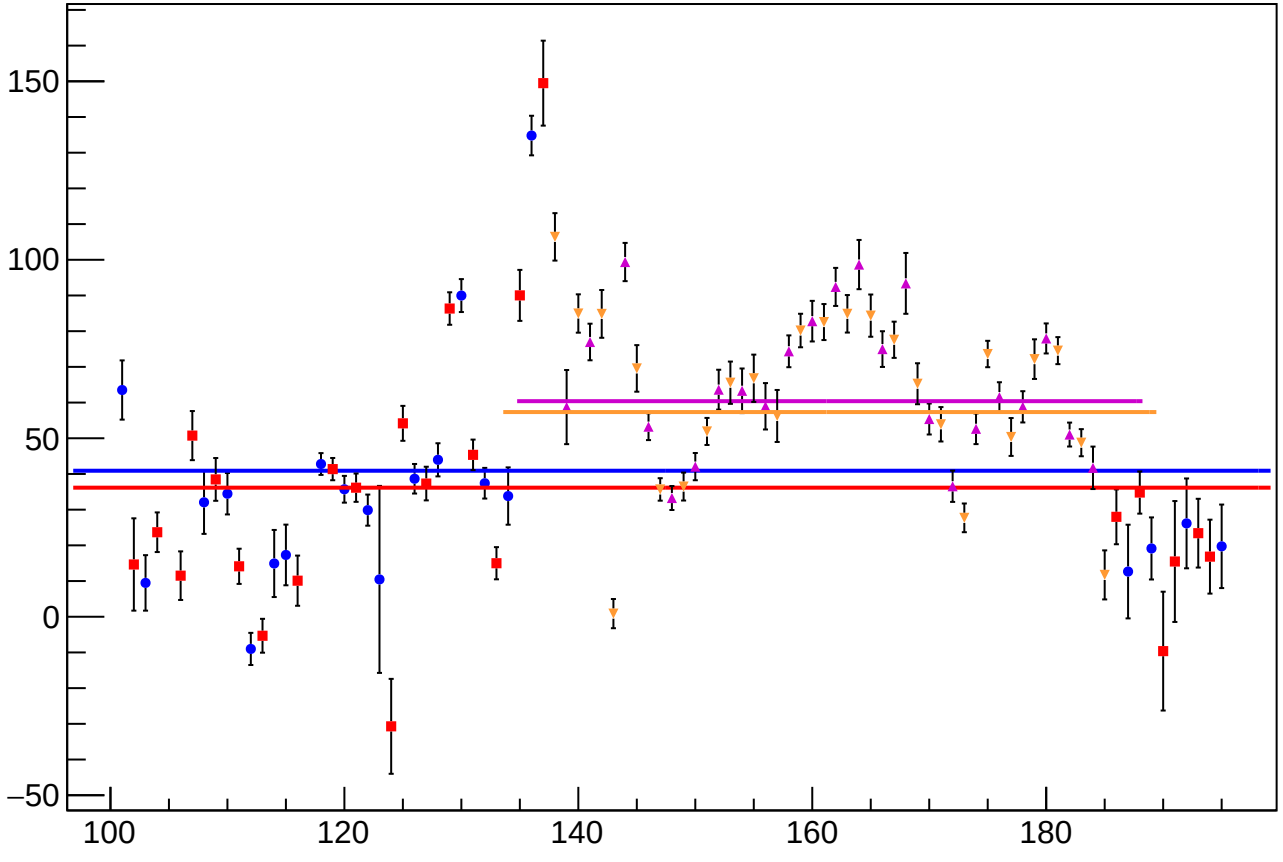
Right: 250.033+/-1.027 χ^2/NDF: 6634.9/44

In: 200.196+/-0.919 χ^2/NDF:6766.5/43

Out: 201.022+/-0.835 χ^2/NDF:10987.6/48

All: 200.648+/-0.618 χ^2/NDF: 17754.6/92

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.904+/-1.224 χ^2/NDF: 591.9/20

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 36.159+/-1.174 χ^2/NDF: 488.9/23

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

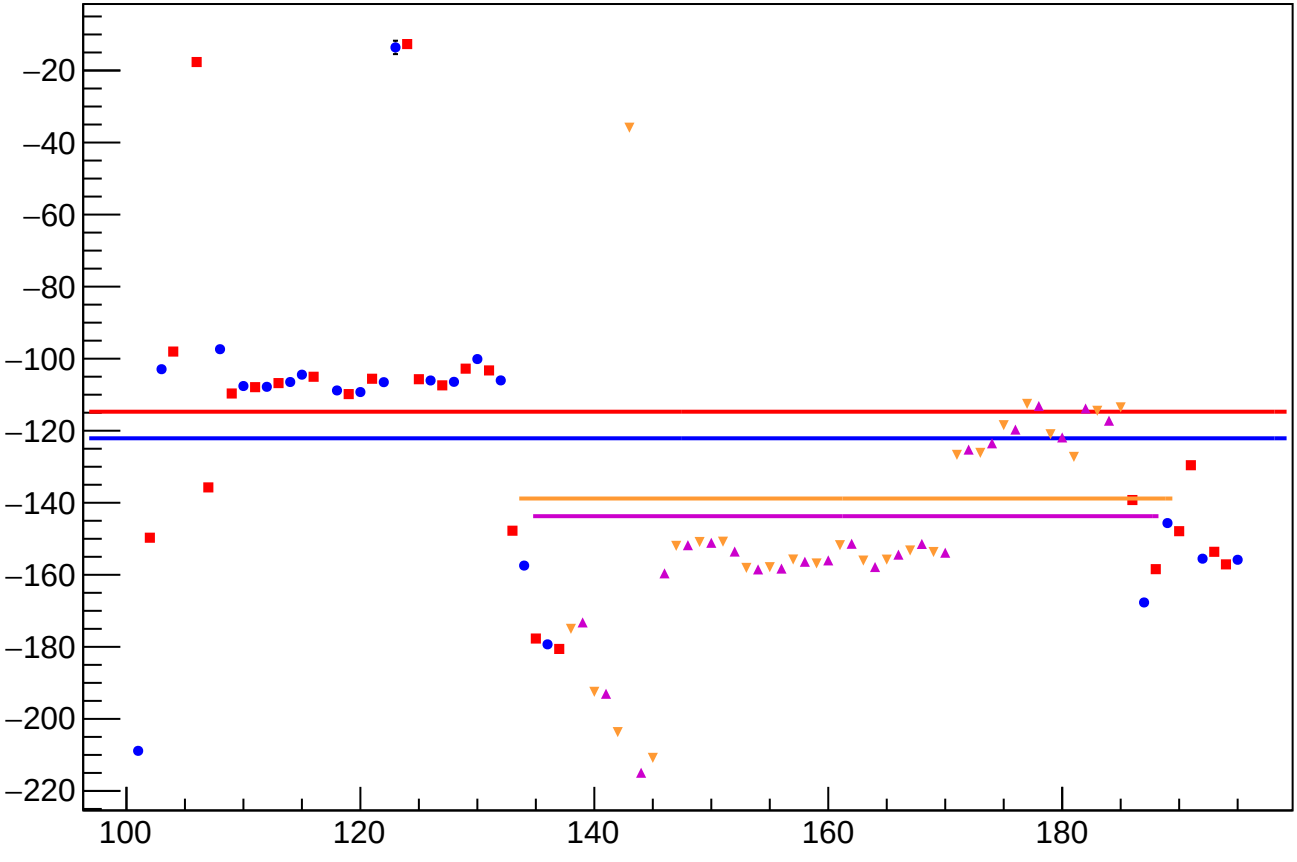
Right: 38.432+/-0.847 χ^2/NDF: 1088.6/44

In: 52.714+/-0.768 χ^2/NDF:1086.7/43

Out: 48.894+/-0.741 χ^2/NDF:1326.1/48

All: 50.735+/-0.534 χ^2/NDF: 2425.6/92

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -122.104+/-0.073 χ^2/NDF: 169942.5/20

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -114.723+/-0.065 χ^2/NDF: 400788.4/23

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

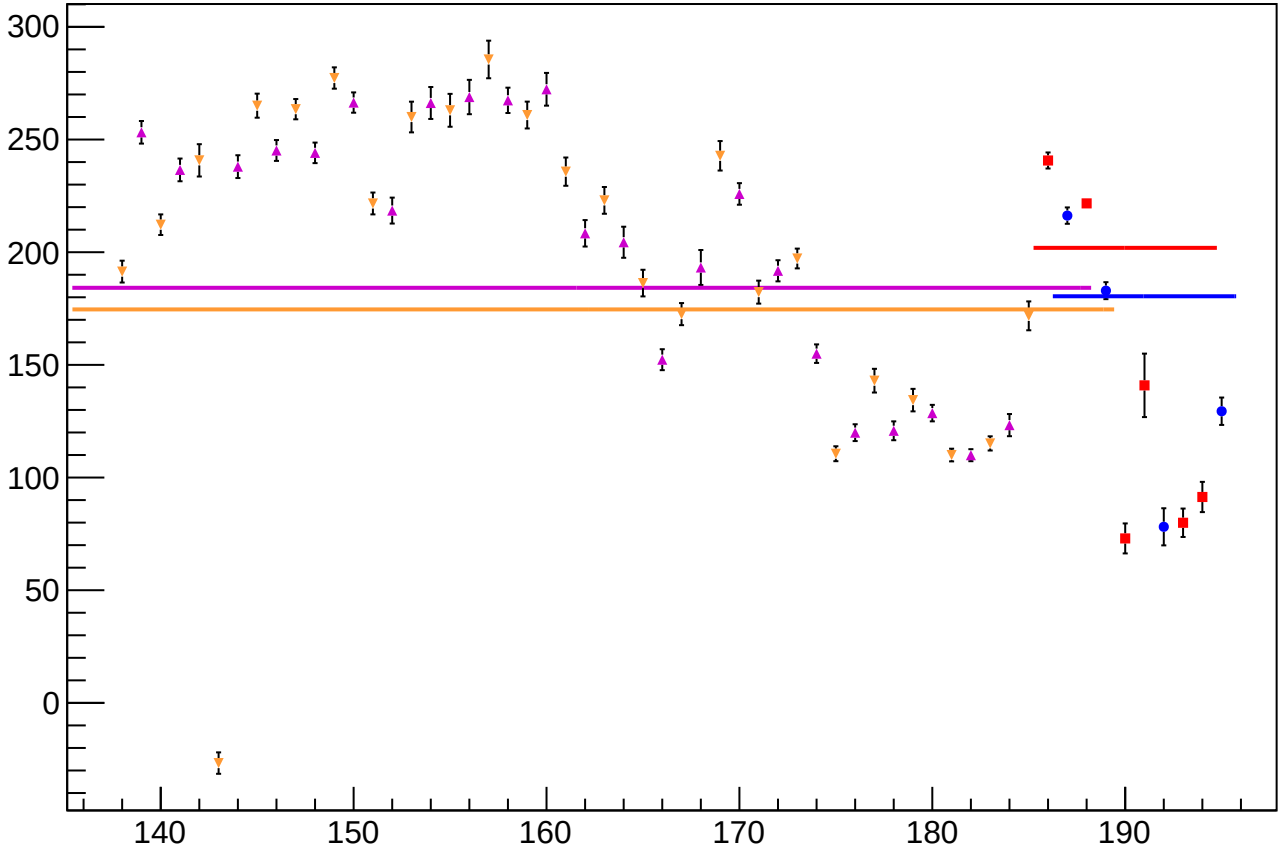
Right: -118.011+/-0.049 χ^2/NDF: 576424.4/44

In: -137.578+/-0.039 χ^2/NDF:494010.4/43

Out: -130.990+/-0.037 χ^2/NDF:1018273.3/48

All: -134.144+/-0.027 χ^2/NDF: 1527283.1/92

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 180.448+/-2.305 χ^2/NDF: 322.5/3

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 201.933+/-1.504 χ^2/NDF: 1270.6/5

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

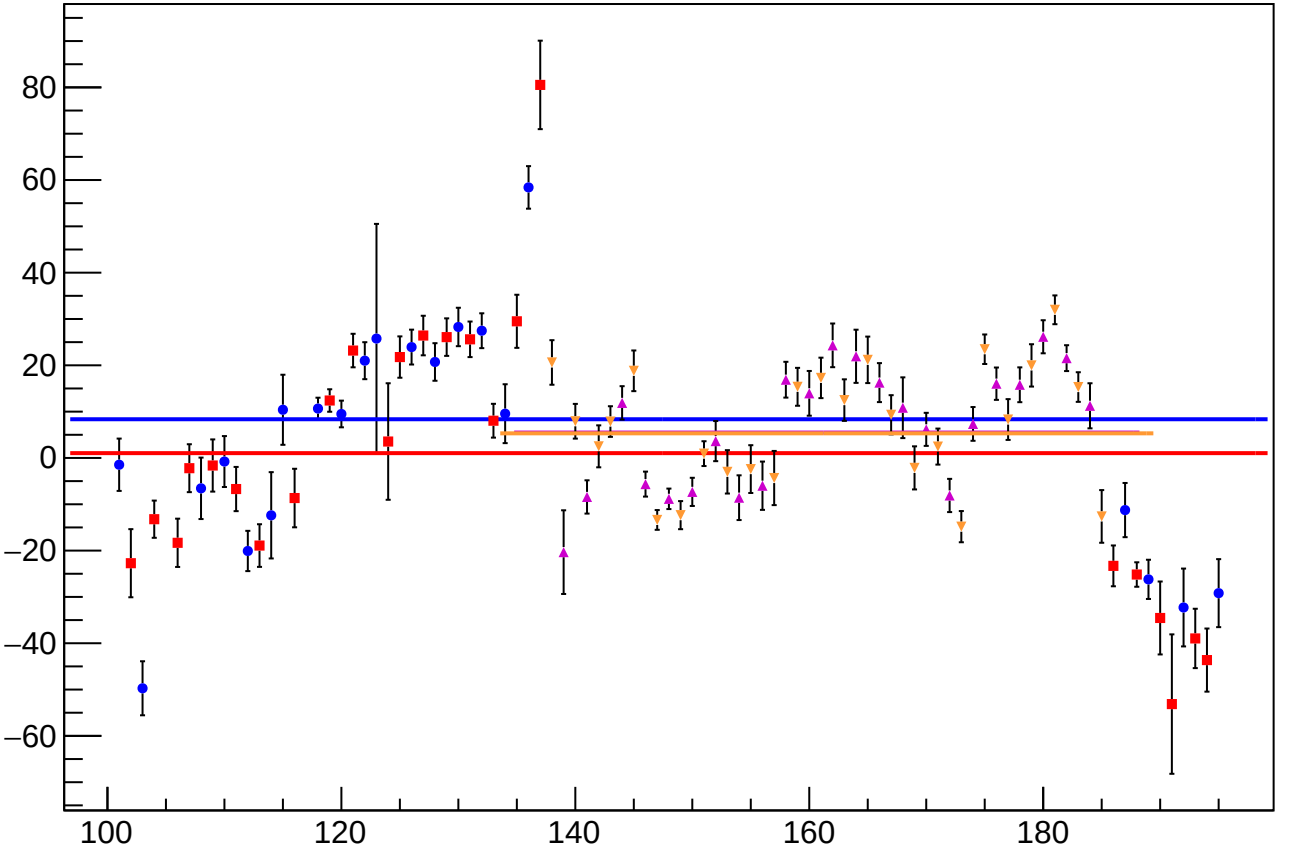
Right: 195.515+/-1.260 χ^2/NDF: 1653.9/9

In: 183.623+/-0.907 χ^2/NDF:3961.8/26

Out: 182.623+/-0.815 χ^2/NDF:7054.9/30

All: 183.069+/-0.606 χ^2/NDF: 11017.4/57

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.356+/-0.993 χ^2/NDF: 491.0/20

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 1.040+/-0.926 χ^2/NDF: 598.8/23

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

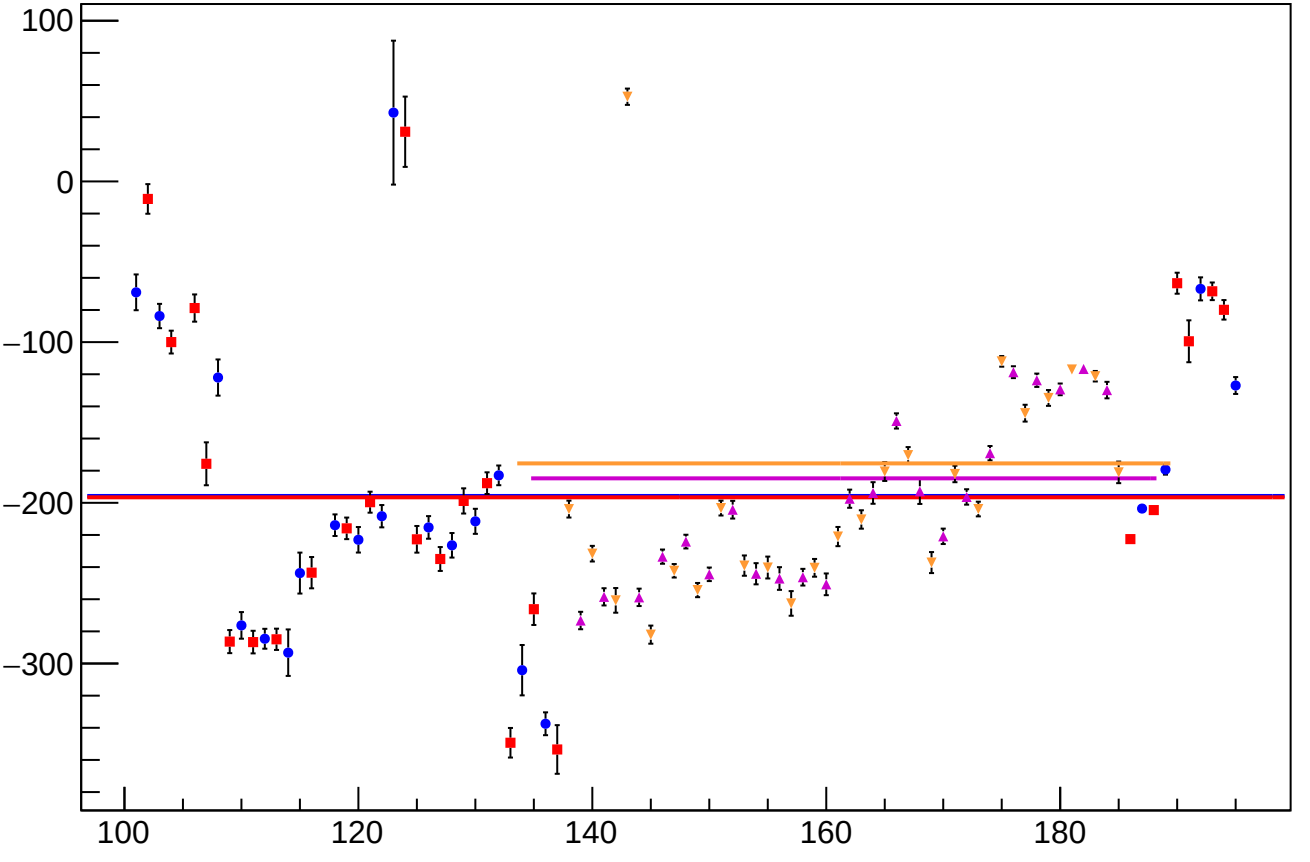
Right: 4.444+/-0.677 χ^2/NDF: 1118.9/44

In: 6.578+/-0.613 χ^2/NDF:755.3/43

Out: 3.619+/-0.583 χ^2/NDF:956.8/48

All: 5.025+/-0.422 χ^2/NDF: 1724.3/92

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -195.737+/-1.391 χ^2/NDF: 1808.6/20

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -196.575+/-1.038 χ^2/NDF: 3394.3/23

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

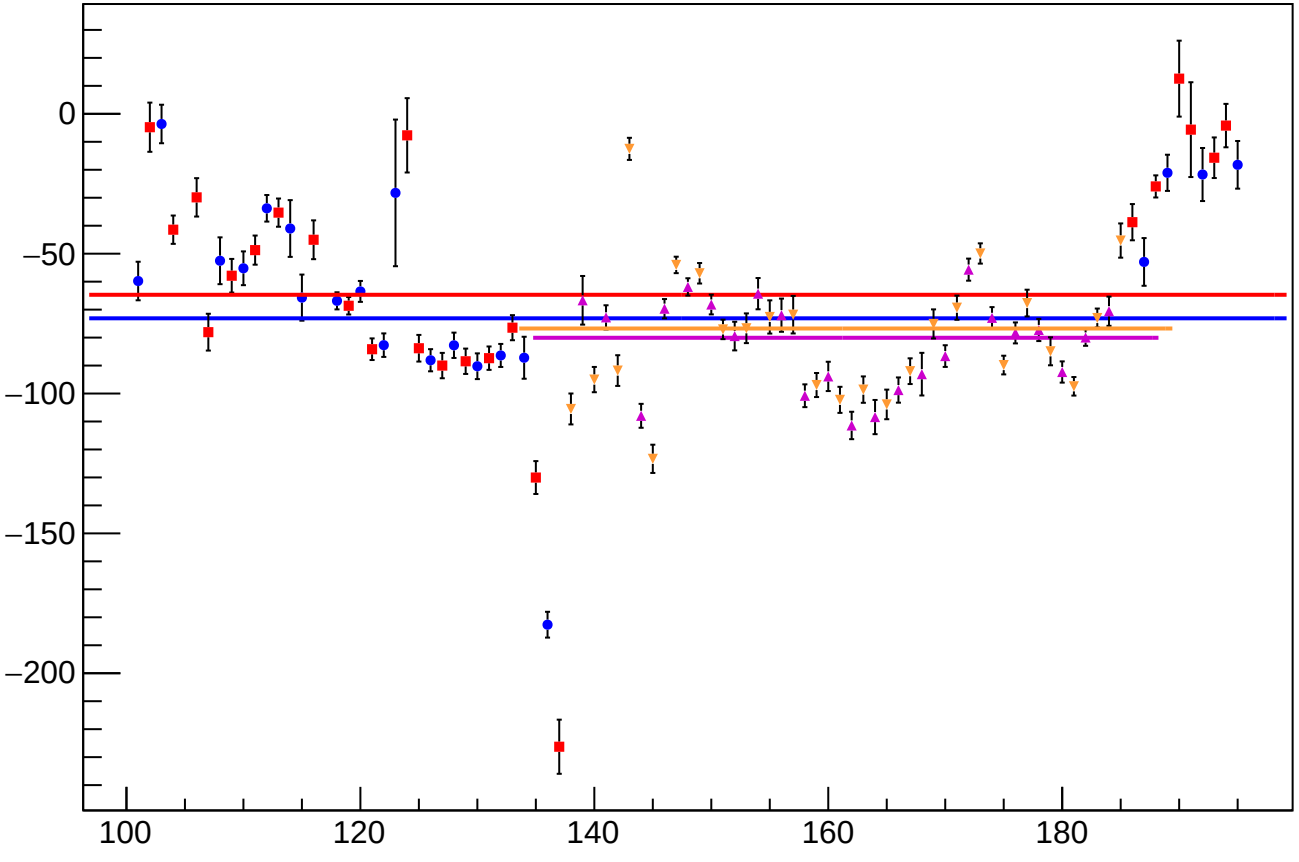
Right: -196.275+/-0.832 χ^2/NDF: 5203.1/44

In: -188.444+/-0.805 χ^2/NDF:4932.3/43

Out: -185.348+/-0.710 χ^2/NDF:8717.9/48

All: -186.703+/-0.533 χ^2/NDF: 13658.5/92

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.108+/-1.166 χ^2/NDF: 970.4/20

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -64.695+/-1.107 χ^2/NDF: 971.6/23

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

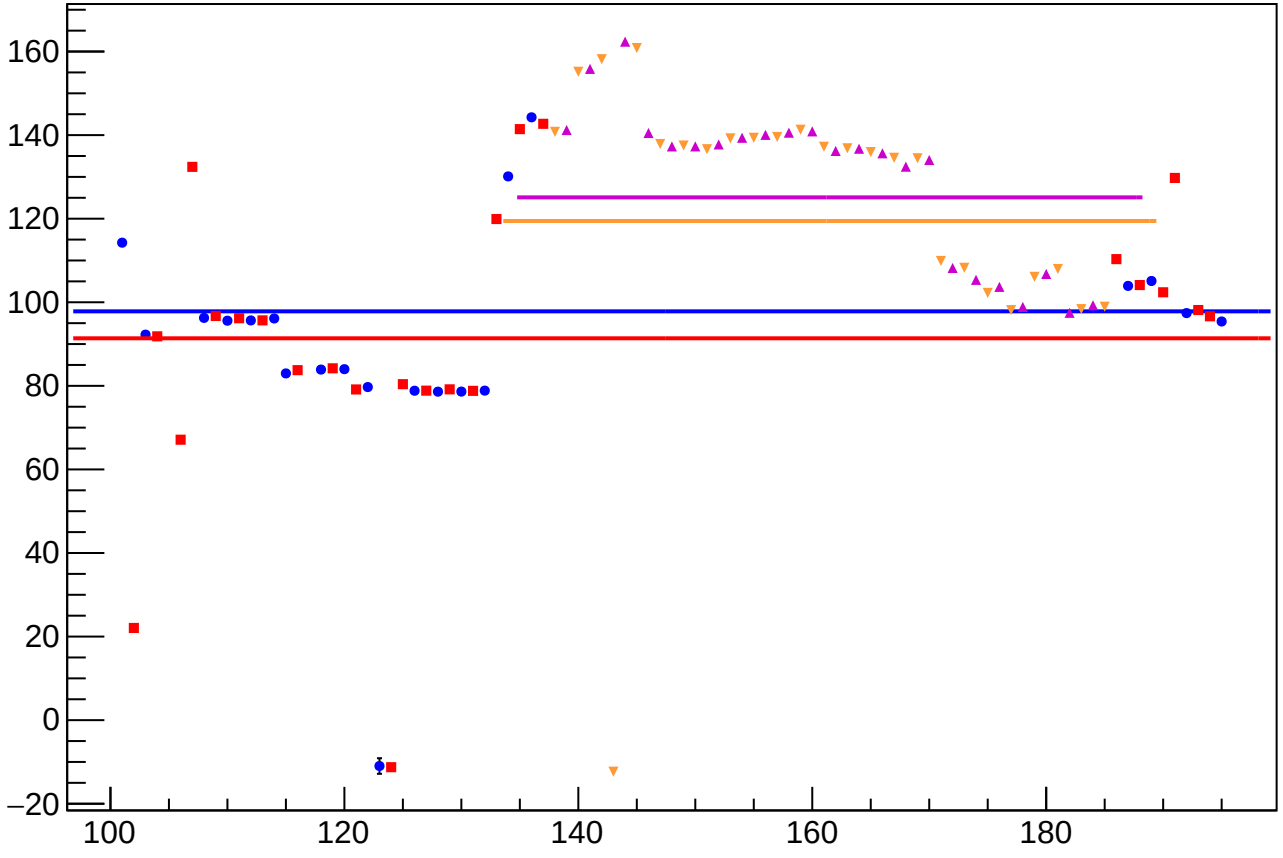
Right: -68.681+/-0.803 χ^2/NDF: 1969.4/44

In: -77.520+/-0.706 χ^2/NDF:1279.8/43

Out: -72.205+/-0.679 χ^2/NDF:1792.3/48

All: -74.762+/-0.489 χ^2/NDF: 3101.5/92

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.828+/-0.066 χ^2/NDF: 95369.5/20

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 91.375+/-0.059 χ^2/NDF: 239776.9/23

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

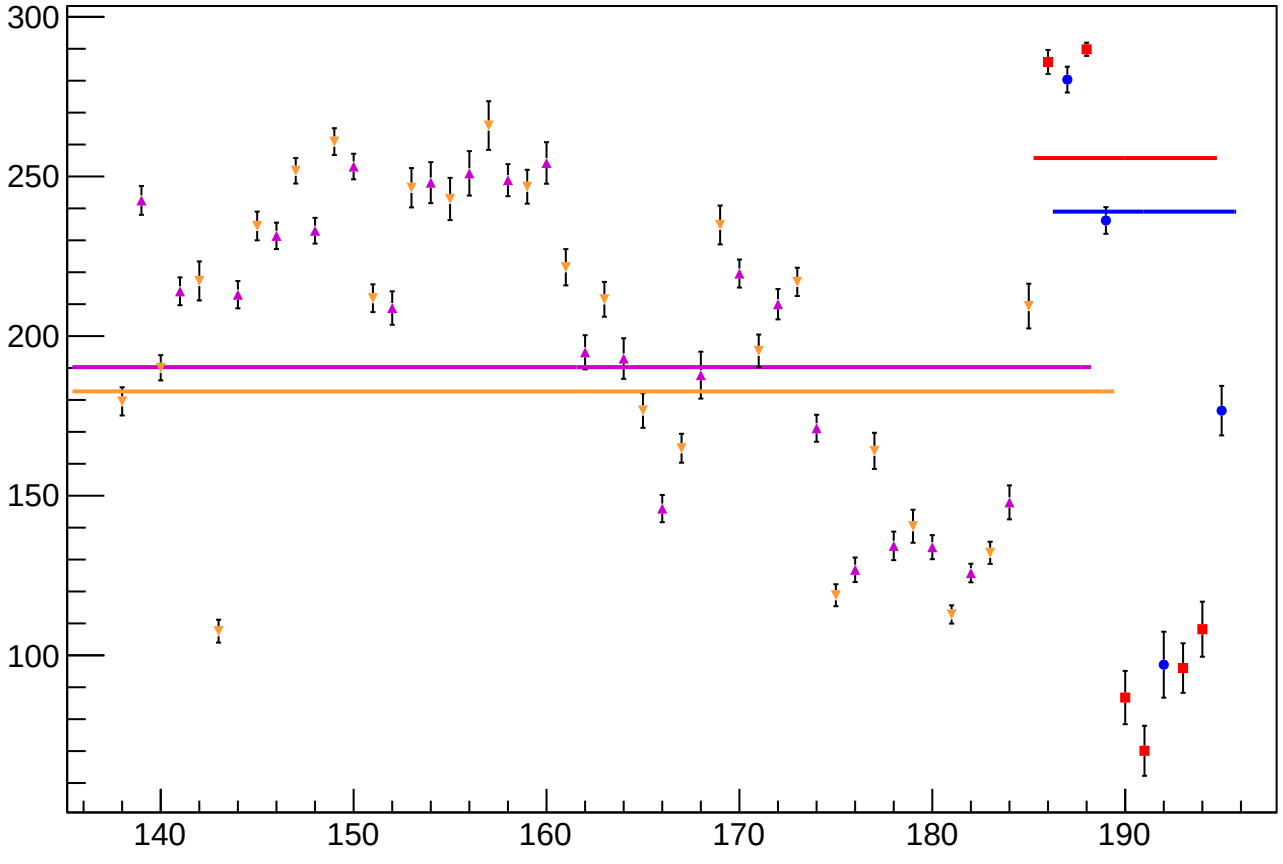
Right: 94.209+/-0.044 χ^2/NDF: 340480.8/44

In: 117.506+/-0.035 χ^2/NDF:440802.6/43

Out: 110.324+/-0.033 χ^2/NDF:1055036.7/48

All: 113.754+/-0.024 χ^2/NDF: 1517953.5/92

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 238.989+/-2.632 χ^2/NDF: 358.1/3

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 255.768+/-1.655 χ^2/NDF: 2023.7/5

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

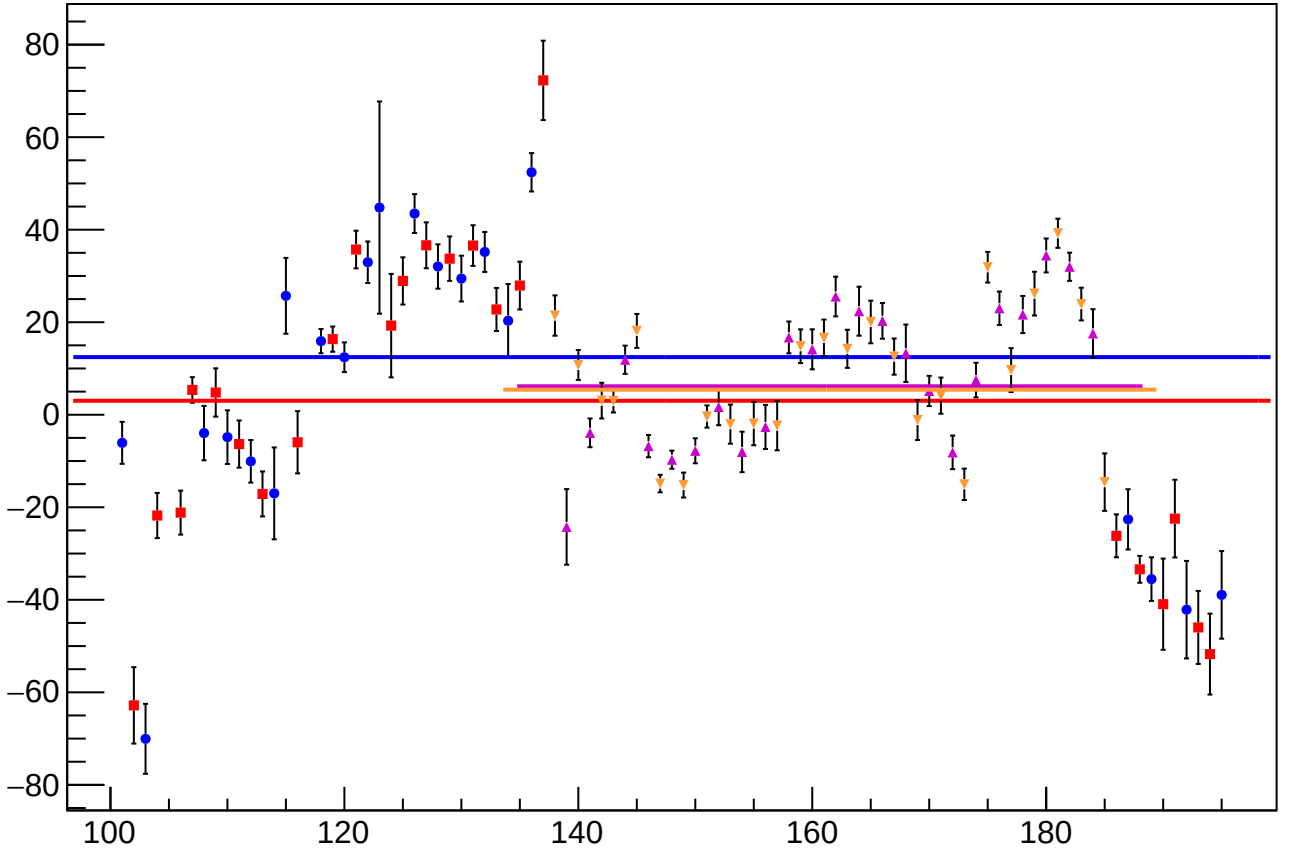
Right: 251.012+/-1.401 χ^2/NDF: 2411.0/9

In: 195.884+/-0.893 χ^2/NDF:3114.2/26

Out: 199.882+/-0.803 χ^2/NDF:6745.5/30

All: 198.094+/-0.597 χ^2/NDF: 9870.8/57

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.460+/-1.085 χ^2/NDF: 605.7/20

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 3.030+/-0.969 χ^2/NDF: 809.8/23

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

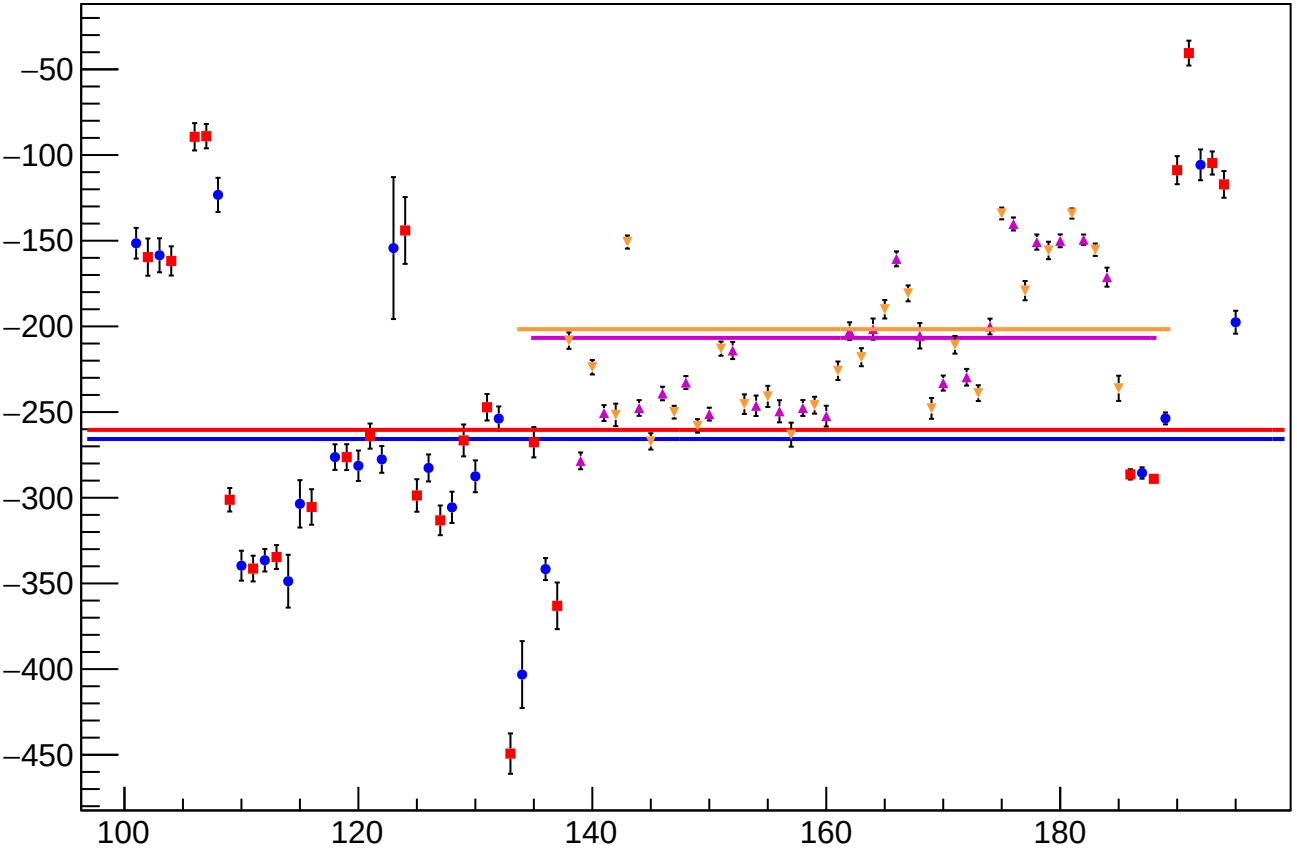
Right: 7.215+/-0.723 χ^2/NDF: 1457.5/44

In: 8.117+/-0.606 χ^2/NDF:1039.6/43

Out: 4.615+/-0.564 χ^2/NDF:1339.0/48

All: 6.240+/-0.413 χ^2/NDF: 2396.5/92

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -265.706+/-1.542 χ^2/NDF: 1413.0/20

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -260.383+/-1.126 χ^2/NDF: 4458.0/23

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

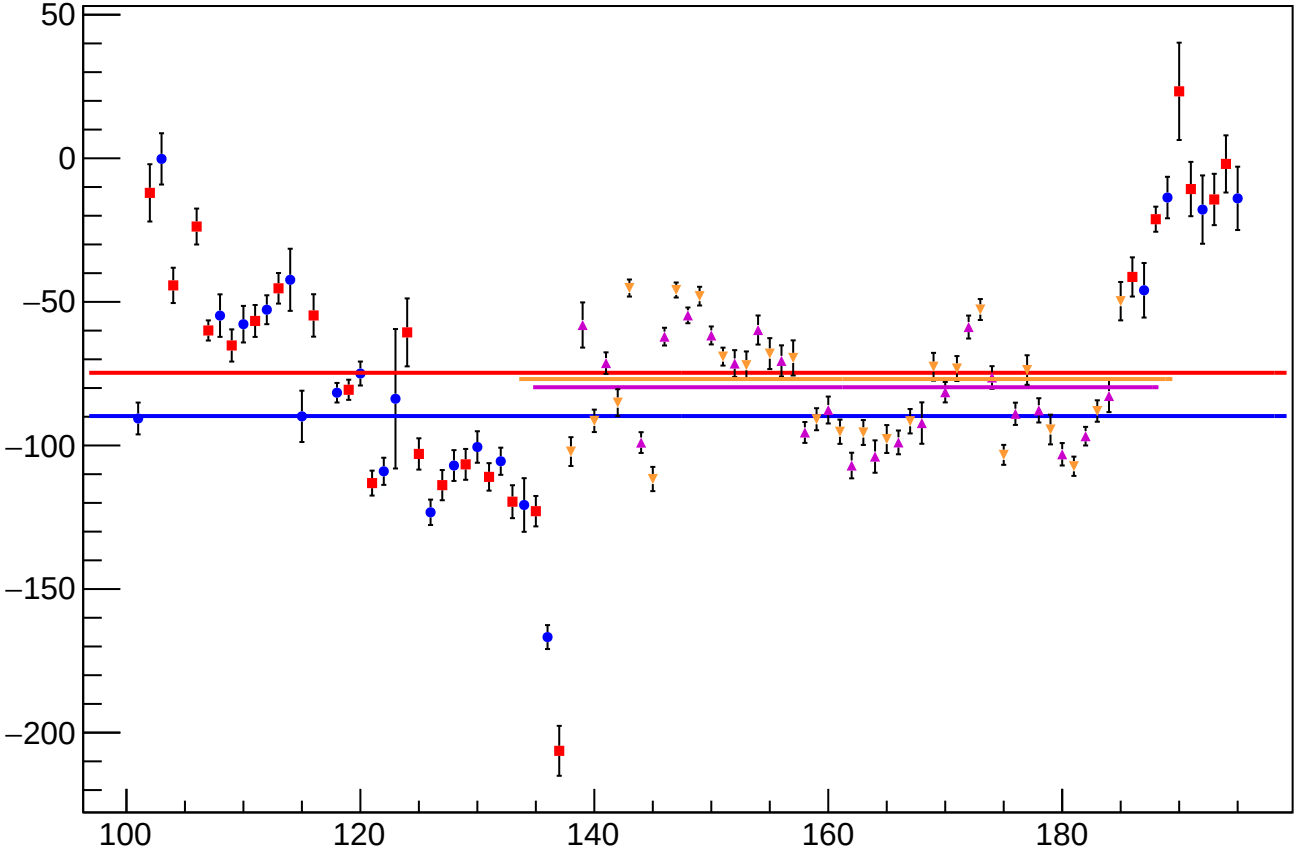
Right: -262.234+/-0.909 χ^2/NDF: 5878.7/44

In: -222.839+/-0.806 χ^2/NDF:4611.8/43

Out: -225.217+/-0.714 χ^2/NDF:8551.0/48

All: -224.173+/-0.534 χ^2/NDF: 13167.6/92

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -89.758+/-1.273 χ^2/NDF: 907.4/20

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -74.691+/-1.162 χ^2/NDF: 1181.7/23

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

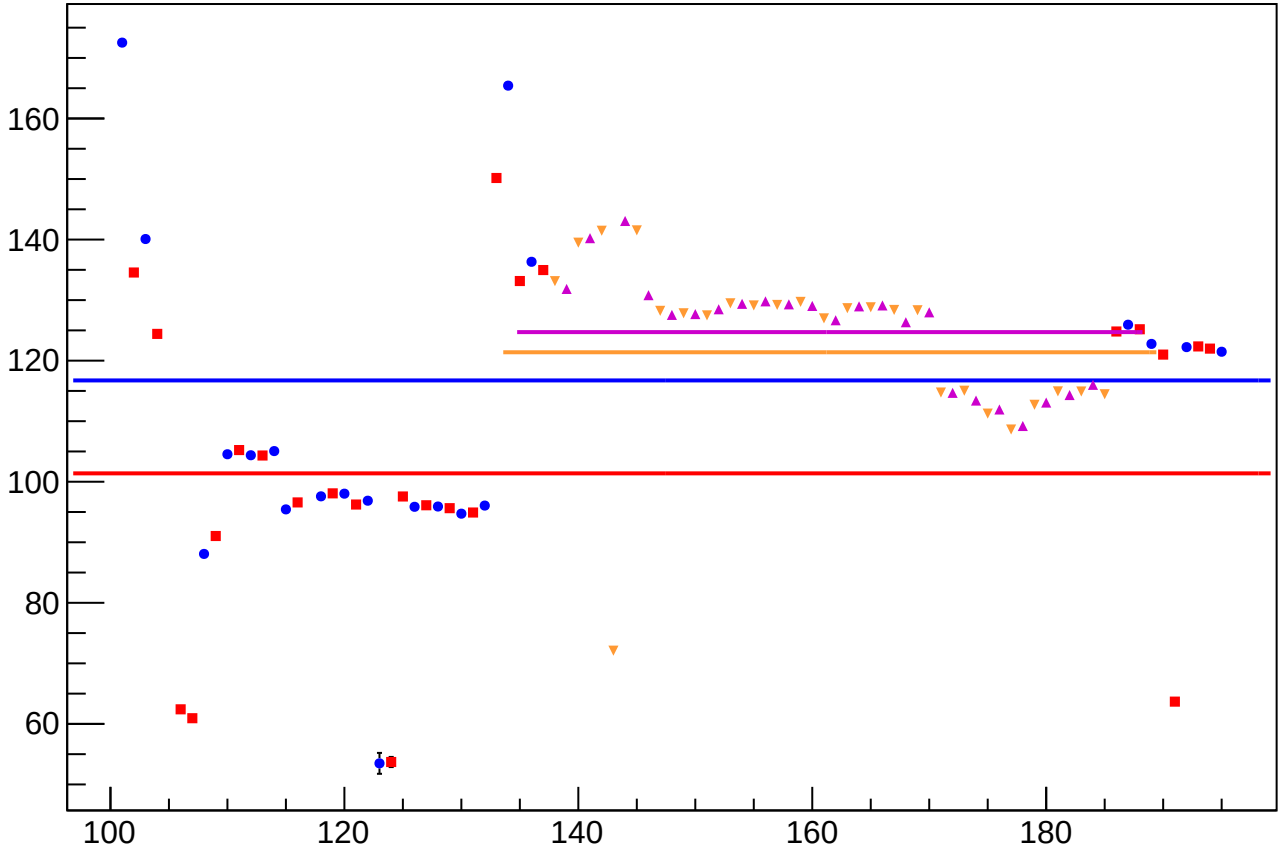
Right: -81.538+/-0.858 χ^2/NDF: 2165.6/44

In: -82.752+/-0.700 χ^2/NDF:1366.0/43

Out: -76.167+/-0.660 χ^2/NDF:1942.8/48

All: -79.267+/-0.480 χ^2/NDF: 3355.7/92

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.733+/-0.072 χ^2/NDF: 107583.5/20

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 101.383+/-0.060 χ^2/NDF: 217728.6/23

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

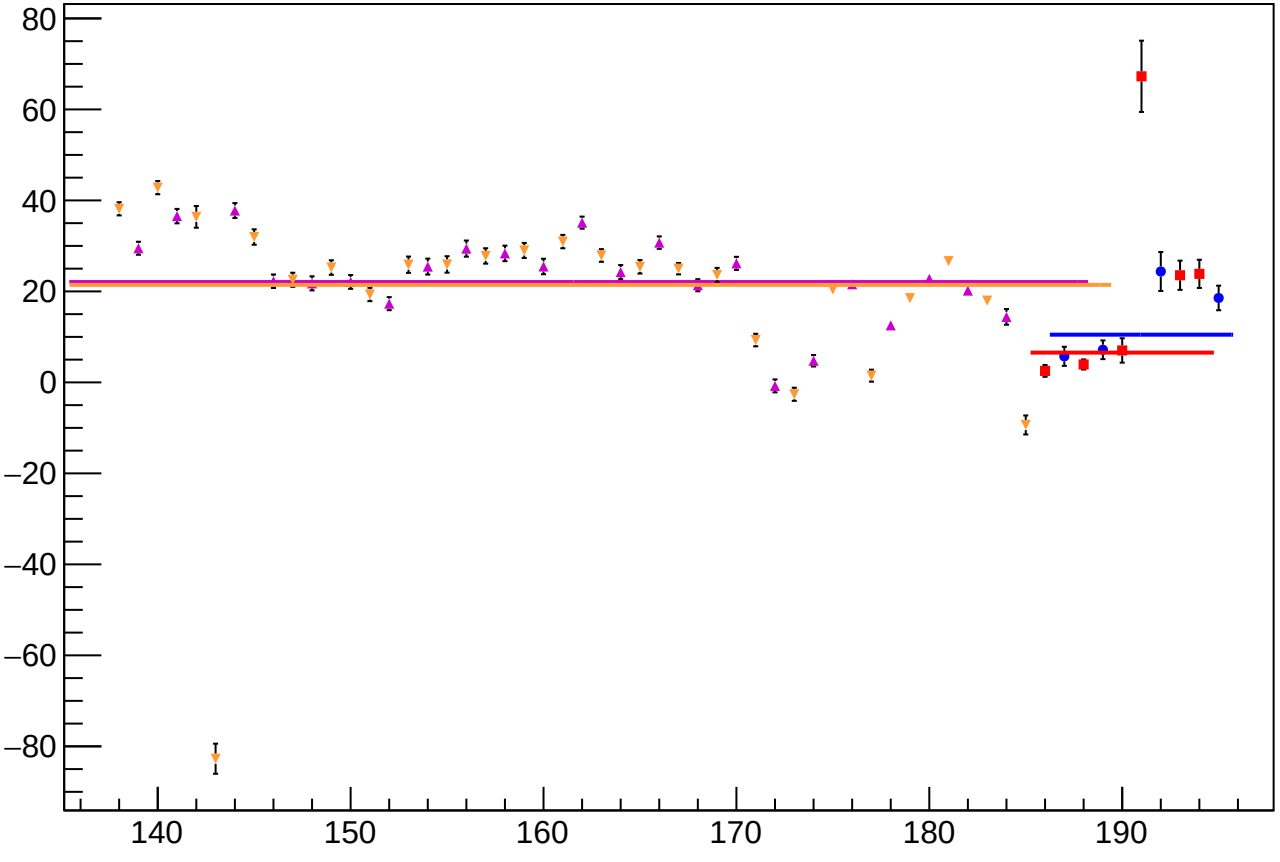
Right: 107.672+/-0.046 χ^2/NDF: 352112.7/44

In: 122.900+/-0.034 χ^2/NDF:168816.3/43

Out: 115.607+/-0.032 χ^2/NDF:461584.1/48

All: 119.024+/-0.024 χ^2/NDF: 654352.8/92

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.488+/-1.236 χ^2/NDF: 27.2/3

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 6.546+/-0.754 χ^2/NDF: 134.4/5

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

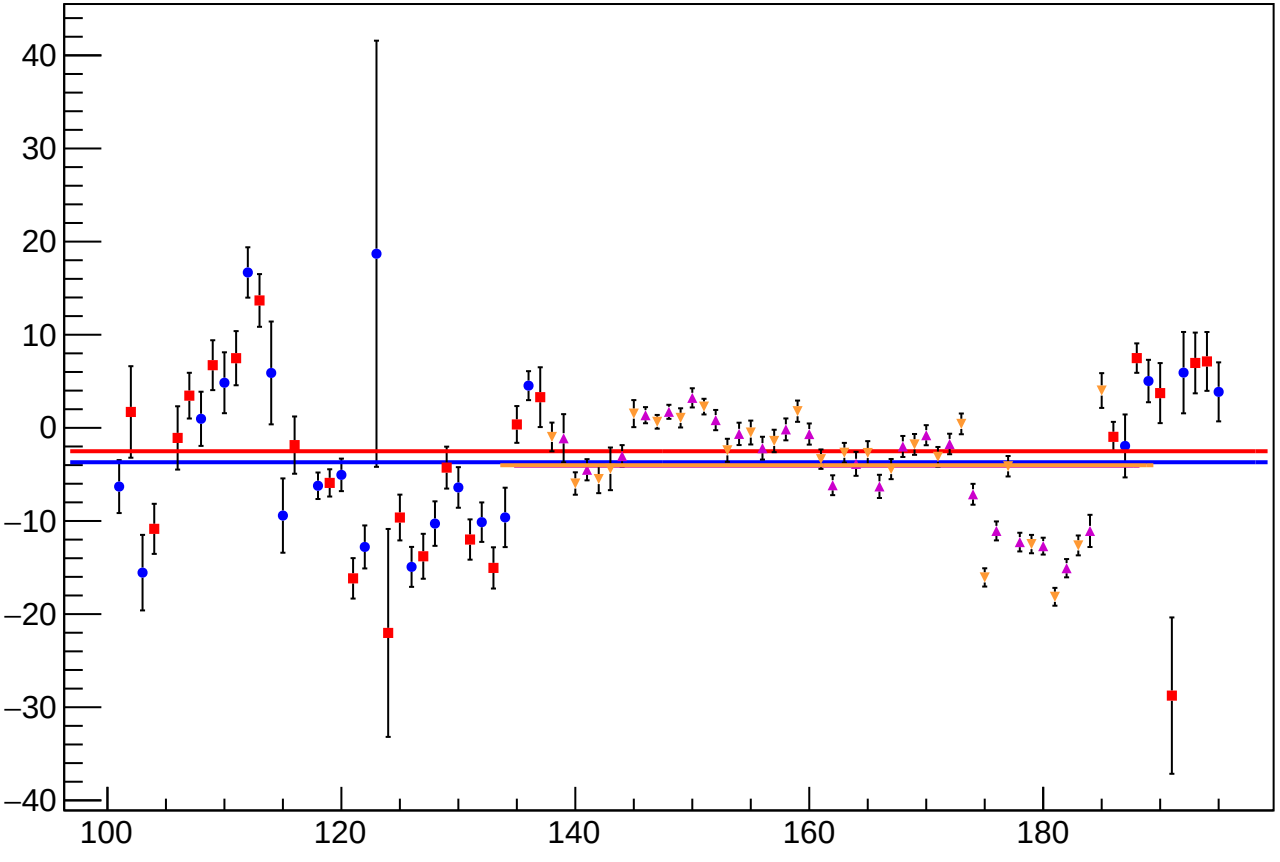
Right: 7.616+/-0.644 χ^2/NDF: 169.0/9

In: 21.473+/-0.277 χ^2/NDF:1051.7/26

Out: 19.602+/-0.265 χ^2/NDF:2882.4/30

All: 20.495+/-0.191 χ^2/NDF: 3958.0/57

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.692+/-0.542 χ^2/NDF: 203.5/20

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.510+/-0.500 χ^2/NDF: 280.6/23

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

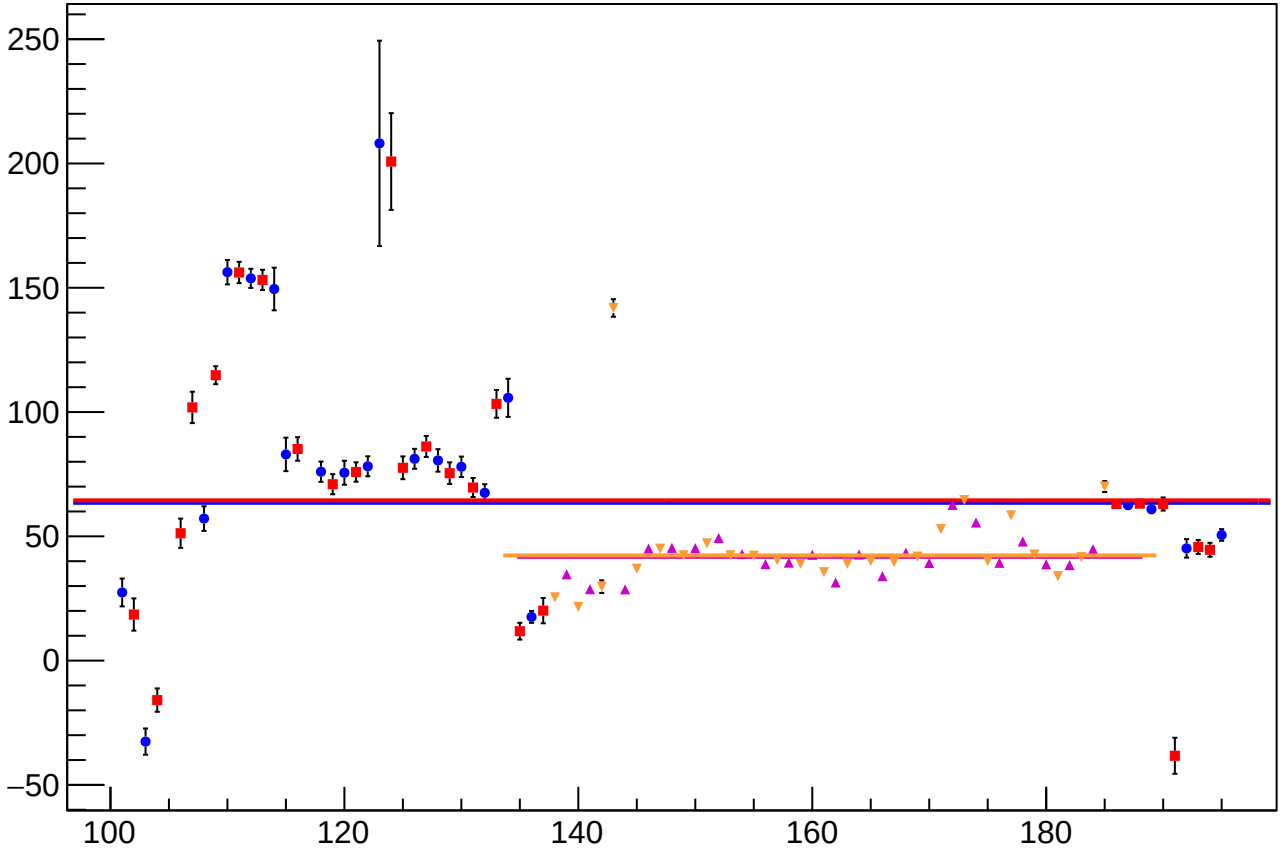
Right: -3.053+/-0.367 χ^2/NDF: 486.7/44

In: -4.013+/-0.210 χ^2/NDF:784.0/43

Out: -3.764+/-0.204 χ^2/NDF:1019.8/48

All: -3.885+/-0.146 χ^2/NDF: 1804.5/92

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.490+/-0.752 χ^2/NDF: 1931.2/20

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 64.478+/-0.538 χ^2/NDF: 2299.9/23

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

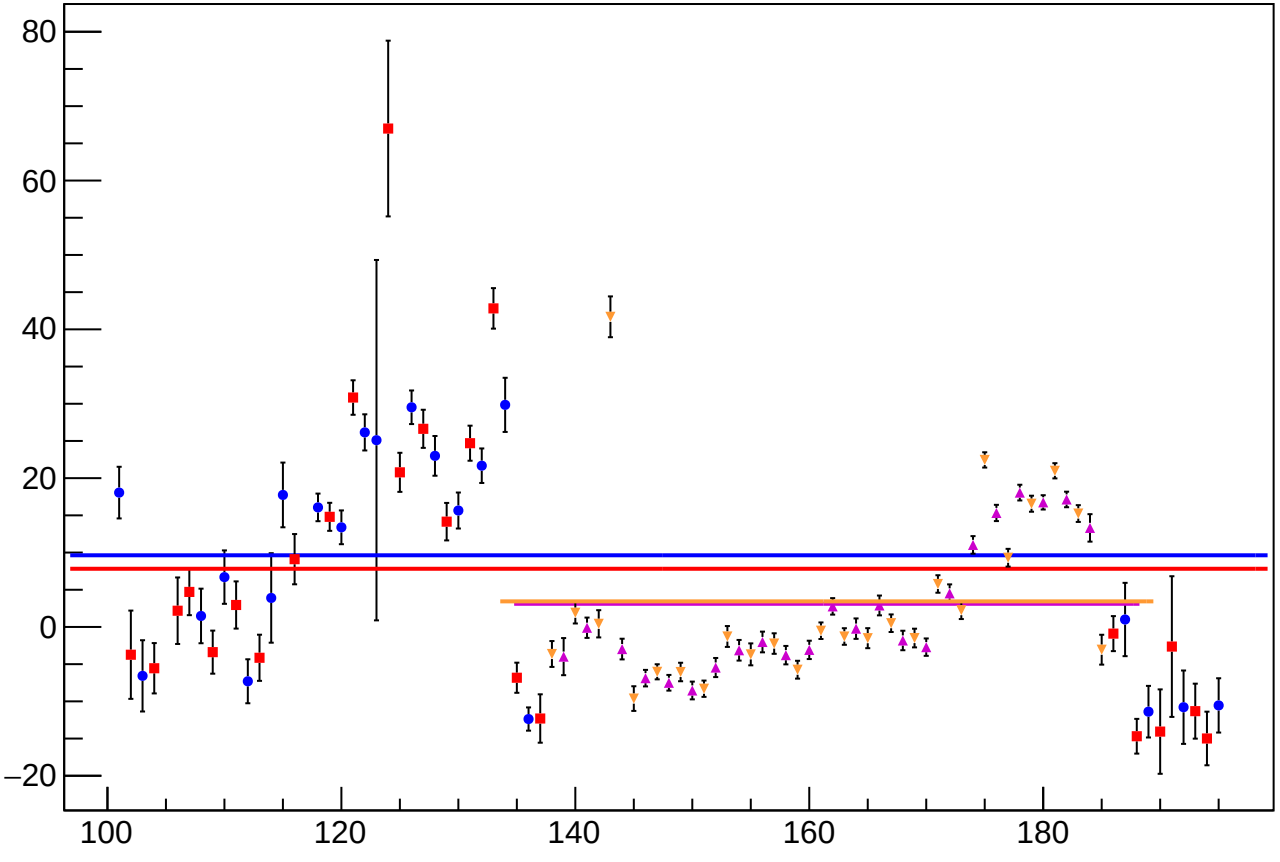
Right: 64.143+/-0.438 χ^2/NDF: 4232.3/44

In: 44.450+/-0.265 χ^2/NDF:3322.1/43

Out: 47.100+/-0.250 χ^2/NDF:5485.8/48

All: 45.853+/-0.182 χ^2/NDF: 8860.9/92

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.633+/-0.626 χ^2/NDF: 574.4/20

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 7.821+/-0.596 χ^2/NDF: 773.3/23

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

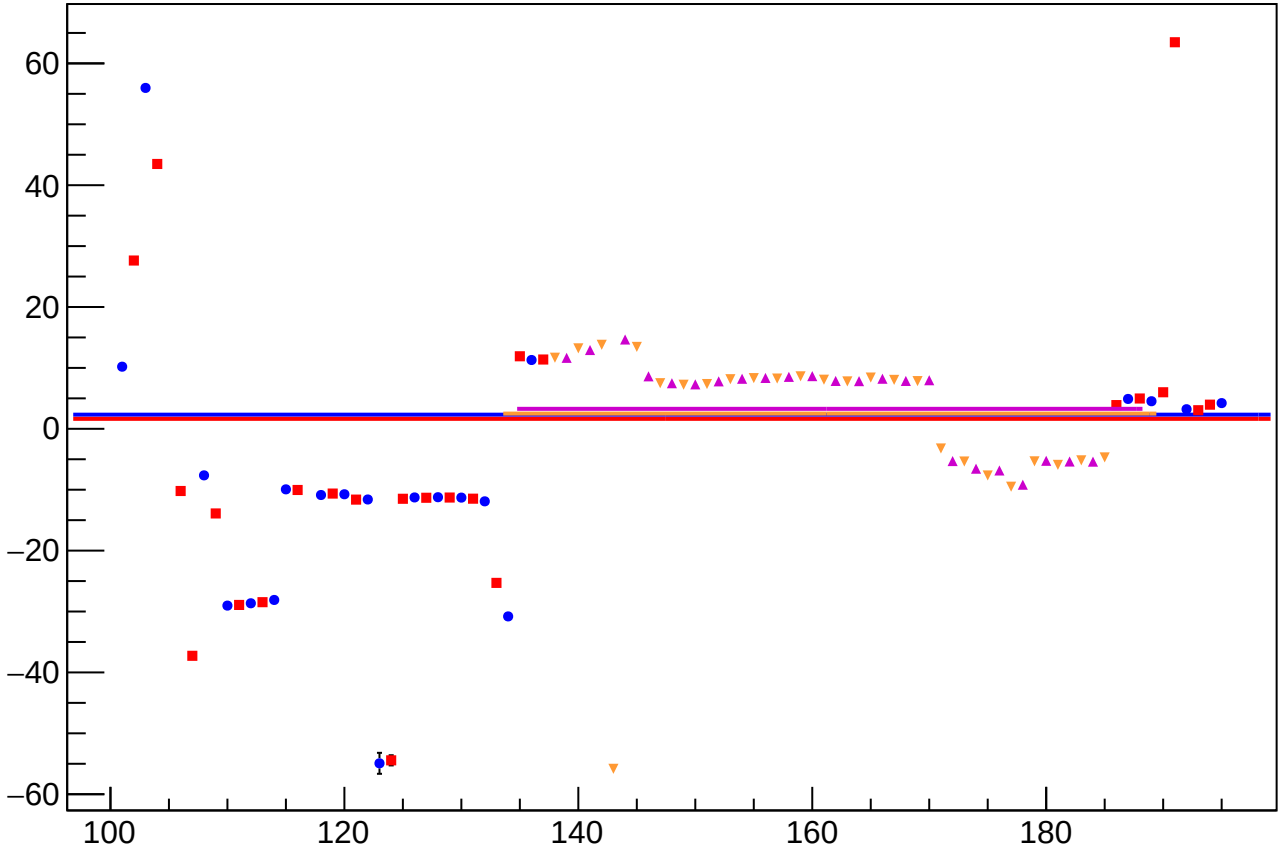
Right: 8.682+/-0.432 χ^2/NDF: 1352.1/44

In: 4.049+/-0.237 χ^2/NDF:1940.2/43

Out: 4.107+/-0.232 χ^2/NDF:2466.9/48

All: 4.078+/-0.166 χ^2/NDF: 4407.1/92

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.322+/-0.033 χ^2/NDF: 360240.8/20

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 1.636+/-0.031 χ^2/NDF: 423308.7/23

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

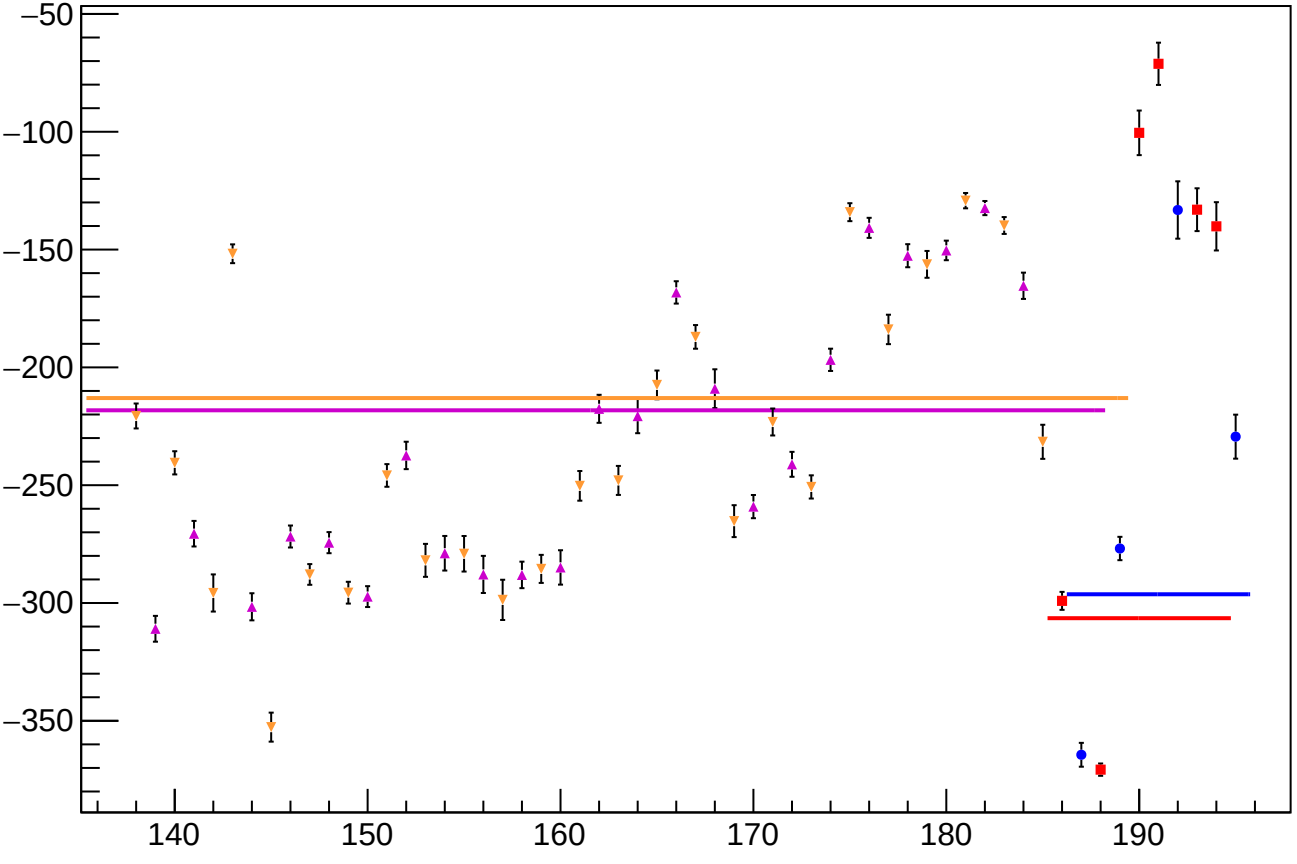
Right: 1.956+/-0.023 χ^2/NDF: 783780.6/44

In: 3.175+/-0.011 χ^2/NDF:770598.2/43

Out: 2.390+/-0.011 χ^2/NDF:1012131.2/48

All: 2.779+/-0.008 χ^2/NDF: 1785329.5/92

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -296.293+/-3.195 χ^2/NDF: 427.3/3

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -306.445+/-1.959 χ^2/NDF: 2399.5/5

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

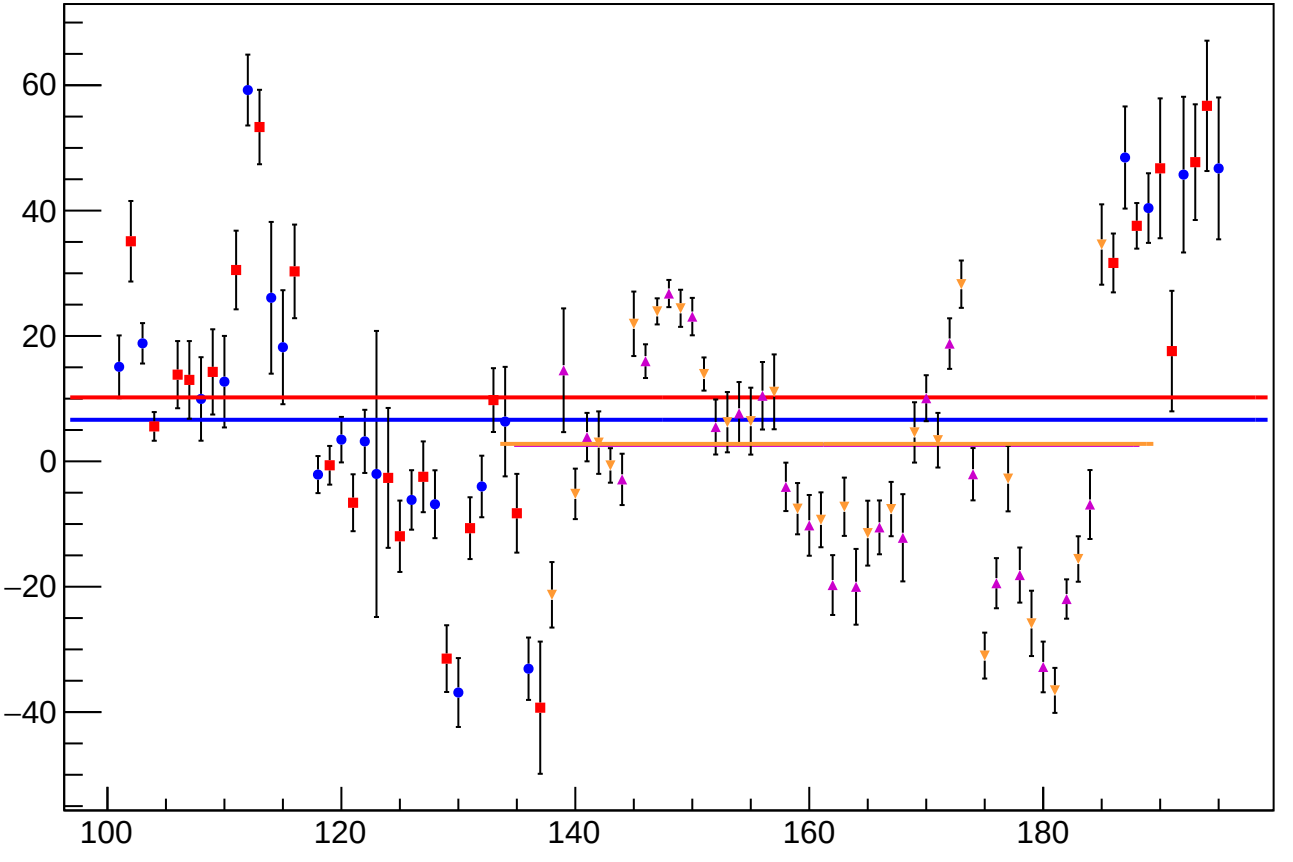
Right: -303.672+/-1.670 χ^2/NDF: 2834.1/9

In: -225.997+/-1.008 χ^2/NDF:4464.0/26

Out: -233.428+/-0.915 χ^2/NDF:8004.1/30

All: -230.071+/-0.678 χ^2/NDF: 12497.9/57

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.629+/-1.172 χ^2/NDF: 349.4/20

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 10.201+/-1.052 χ^2/NDF: 373.3/23

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

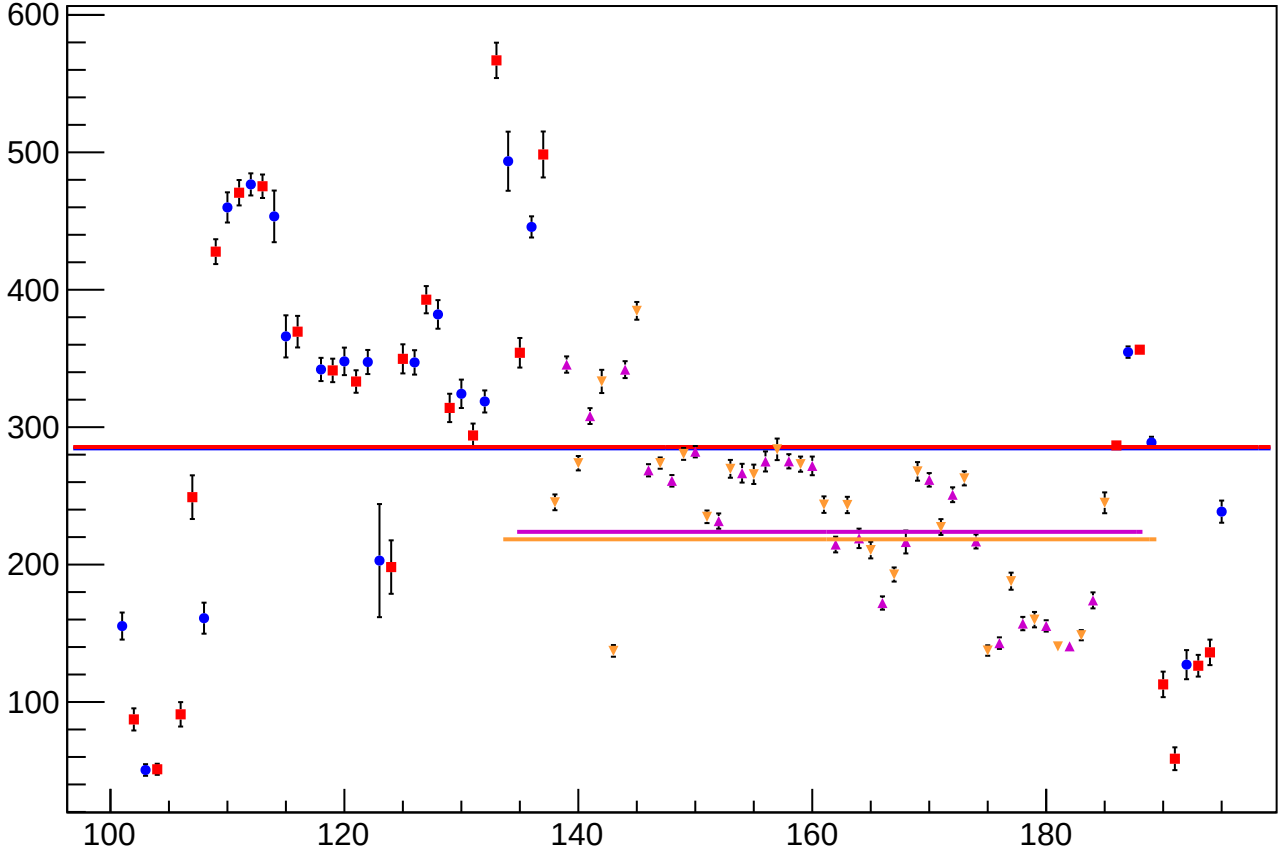
Right: 8.607+/-0.783 χ^2/NDF: 727.8/44

In: 3.938+/-0.672 χ^2/NDF:834.8/43

Out: 5.416+/-0.627 χ^2/NDF:987.4/48

All: 4.729+/-0.458 χ^2/NDF: 1824.8/92

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 284.571+/-1.695 χ^2/NDF: 5673.1/20

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 285.560+/-1.271 χ^2/NDF: 9500.2/23

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

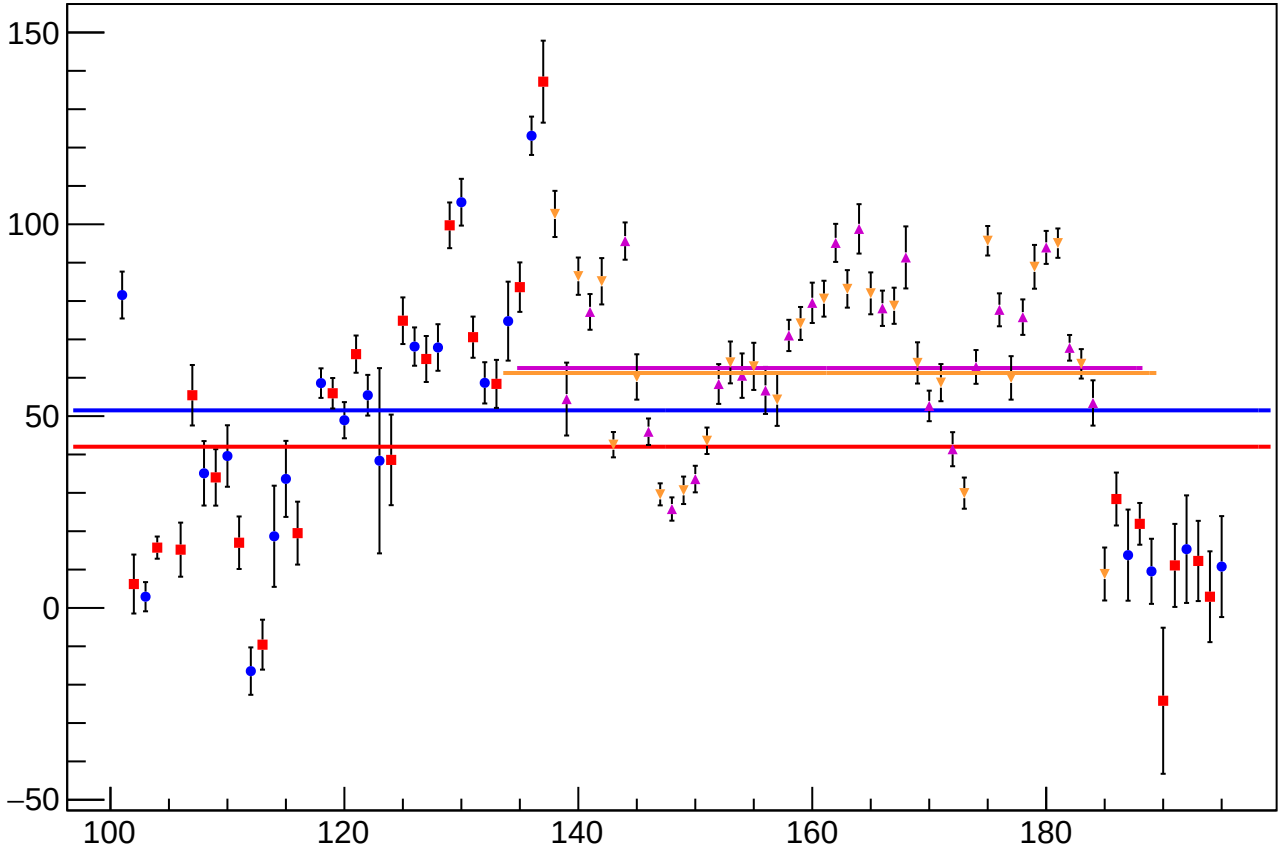
Right: 285.204+/-1.017 χ^2/NDF: 15173.5/44

In: 240.861+/-0.898 χ^2/NDF:10041.4/43

Out: 245.248+/-0.804 χ^2/NDF:14872.2/48

All: 243.296+/-0.599 χ^2/NDF: 24926.8/92

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.504+/-1.377 χ^2/NDF: 688.4/20

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 42.027+/-1.267 χ^2/NDF: 594.6/23

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

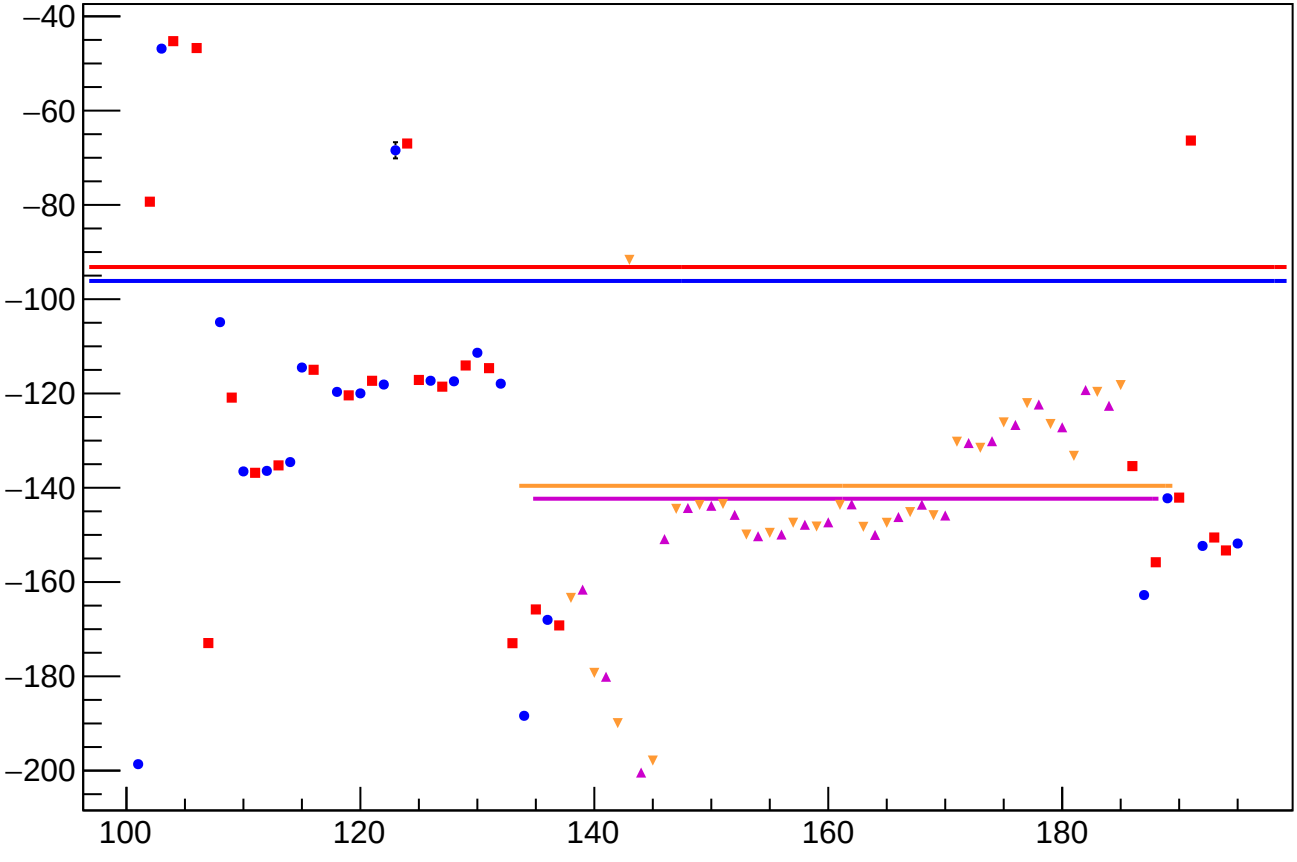
Right: 46.372+/-0.932 χ^2/NDF: 1308.7/44

In: 59.029+/-0.776 χ^2/NDF:1252.2/43

Out: 54.773+/-0.735 χ^2/NDF:1466.0/48

All: 56.785+/-0.534 χ^2/NDF: 2734.0/92

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -96.132+/-0.065 χ^2/NDF: 600673.1/20

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -93.176+/-0.059 χ^2/NDF: 631271.5/23

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

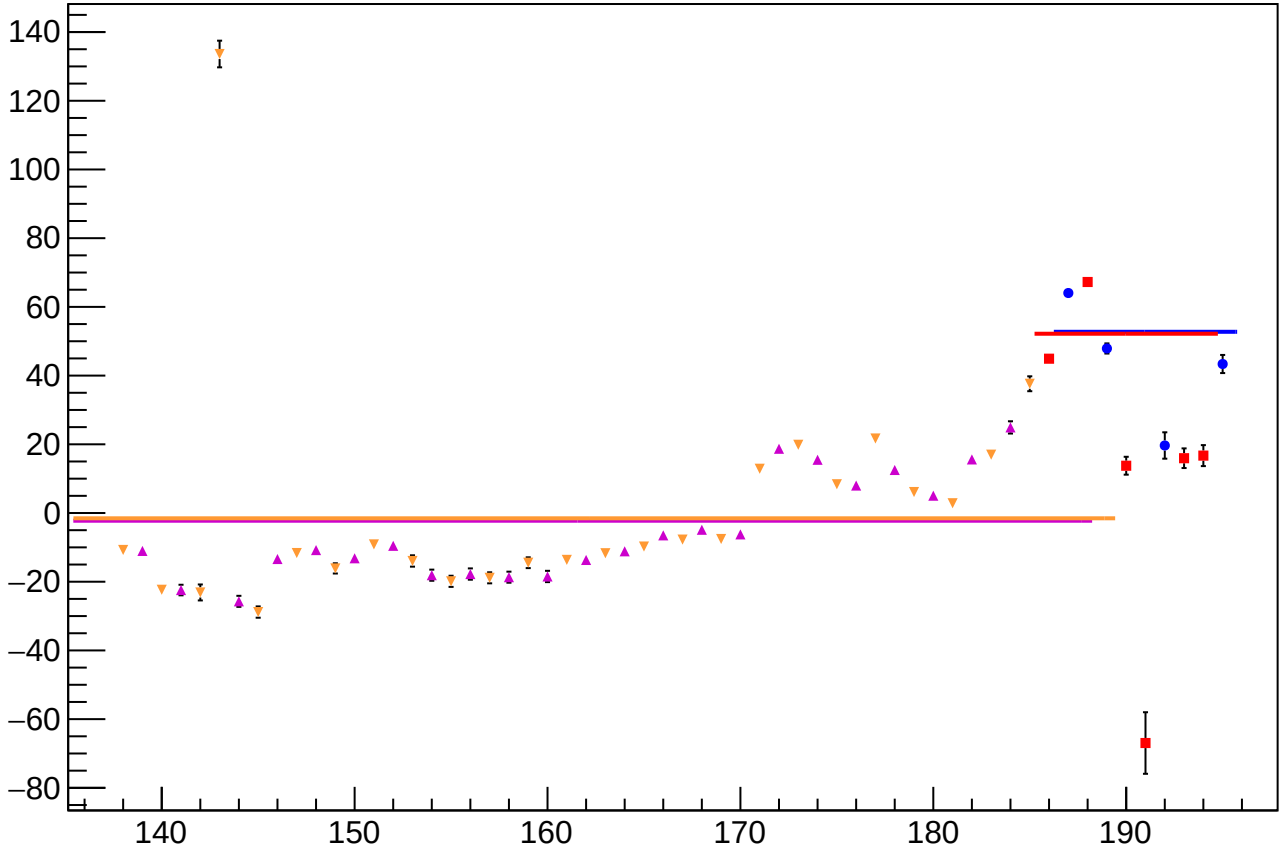
Right: -94.529+/-0.044 χ^2/NDF: 1233081.6/44

In: -127.717+/-0.036 χ^2/NDF:1095383.0/43

Out: -123.550+/-0.035 χ^2/NDF:1275787.4/48

All: -125.549+/-0.025 χ^2/NDF: 2378022.9/92

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 52.751+/-0.918 χ^2/NDF: 163.4/3

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 52.186+/-0.543 χ^2/NDF: 1139.1/5

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

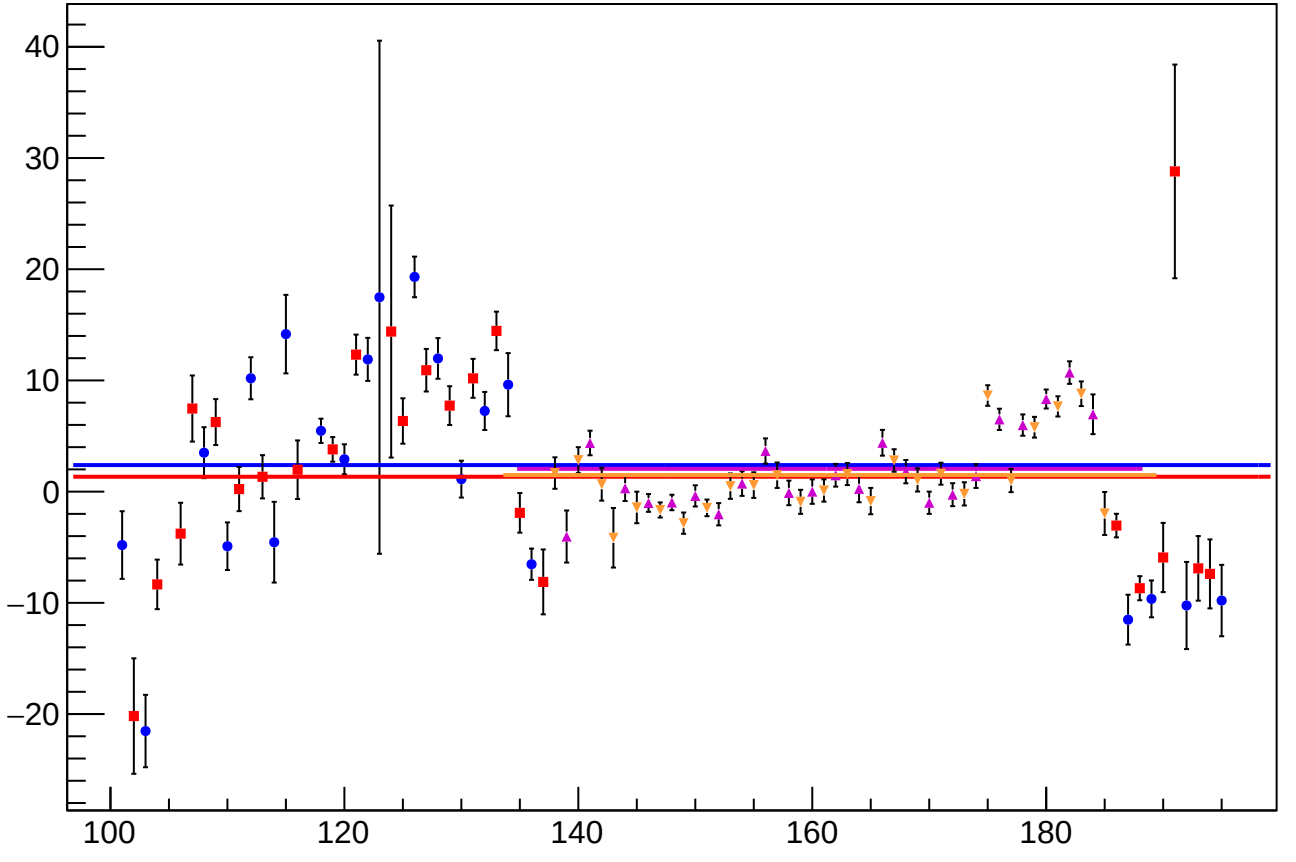
Right: 52.332+/-0.467 χ^2/NDF: 1302.8/9

In: 2.118+/-0.259 χ^2/NDF:6027.0/26

Out: 8.973+/-0.240 χ^2/NDF:13148.5/30

All: 5.799+/-0.176 χ^2/NDF: 19552.8/57

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.388+/-0.432 χ^2/NDF: 420.5/20

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 1.339+/-0.392 χ^2/NDF: 366.8/23

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

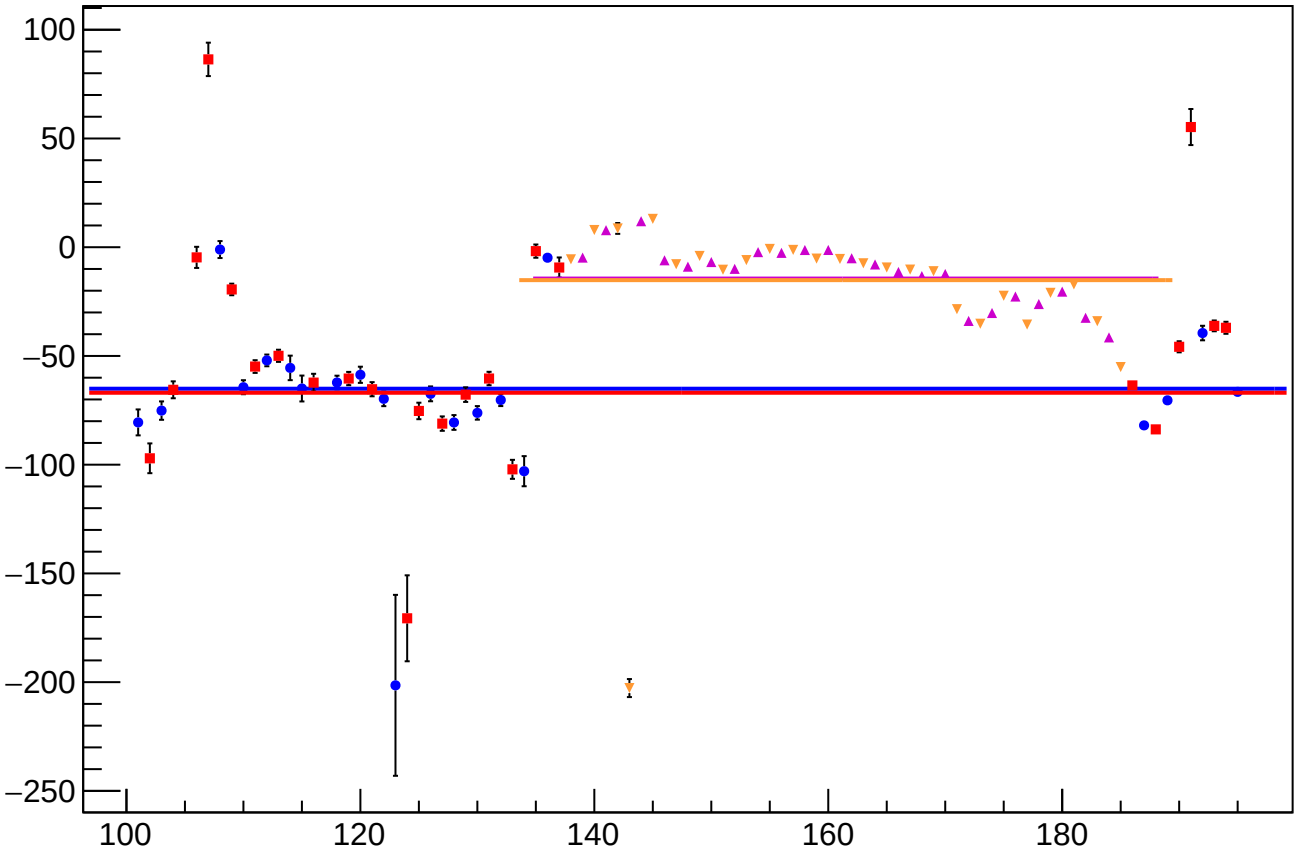
Right: 1.812+/-0.290 χ^2/NDF: 790.5/44

In: 2.118+/-0.192 χ^2/NDF:696.4/43

Out: 1.458+/-0.185 χ^2/NDF:625.3/48

All: 1.776+/-0.133 χ^2/NDF: 1327.7/92

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.067+/-0.573 χ^2/NDF: 1461.4/20

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -66.924+/-0.393 χ^2/NDF: 3004.2/23

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

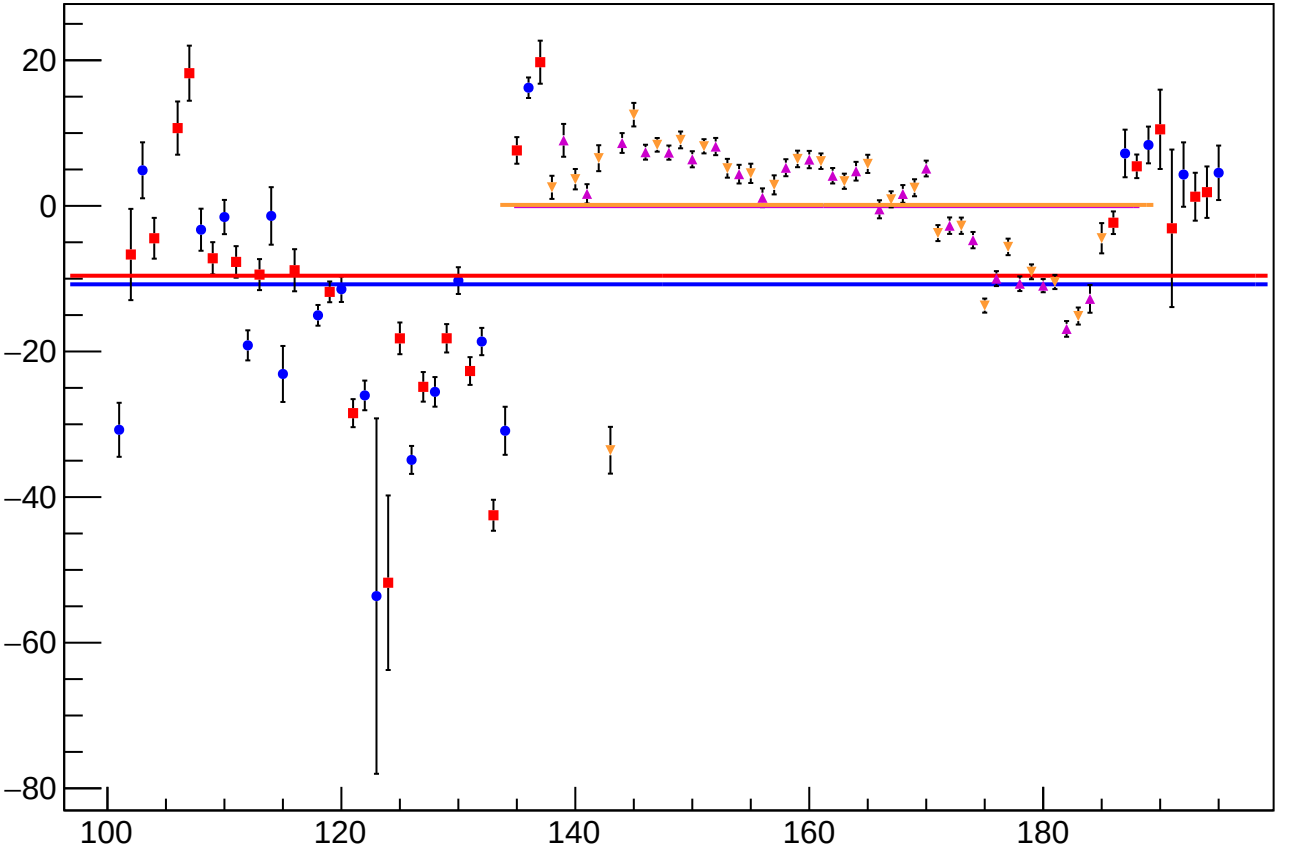
Right: -66.331+/-0.324 χ^2/NDF: 4472.7/44

In: -23.505+/-0.243 χ^2/NDF:9934.6/43

Out: -31.504+/-0.221 χ^2/NDF:19355.3/48

All: -27.885+/-0.163 χ^2/NDF: 29884.0/92

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.775+/-0.504 χ^2/NDF: 916.4/20

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -9.594+/-0.473 χ^2/NDF: 909.4/23

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

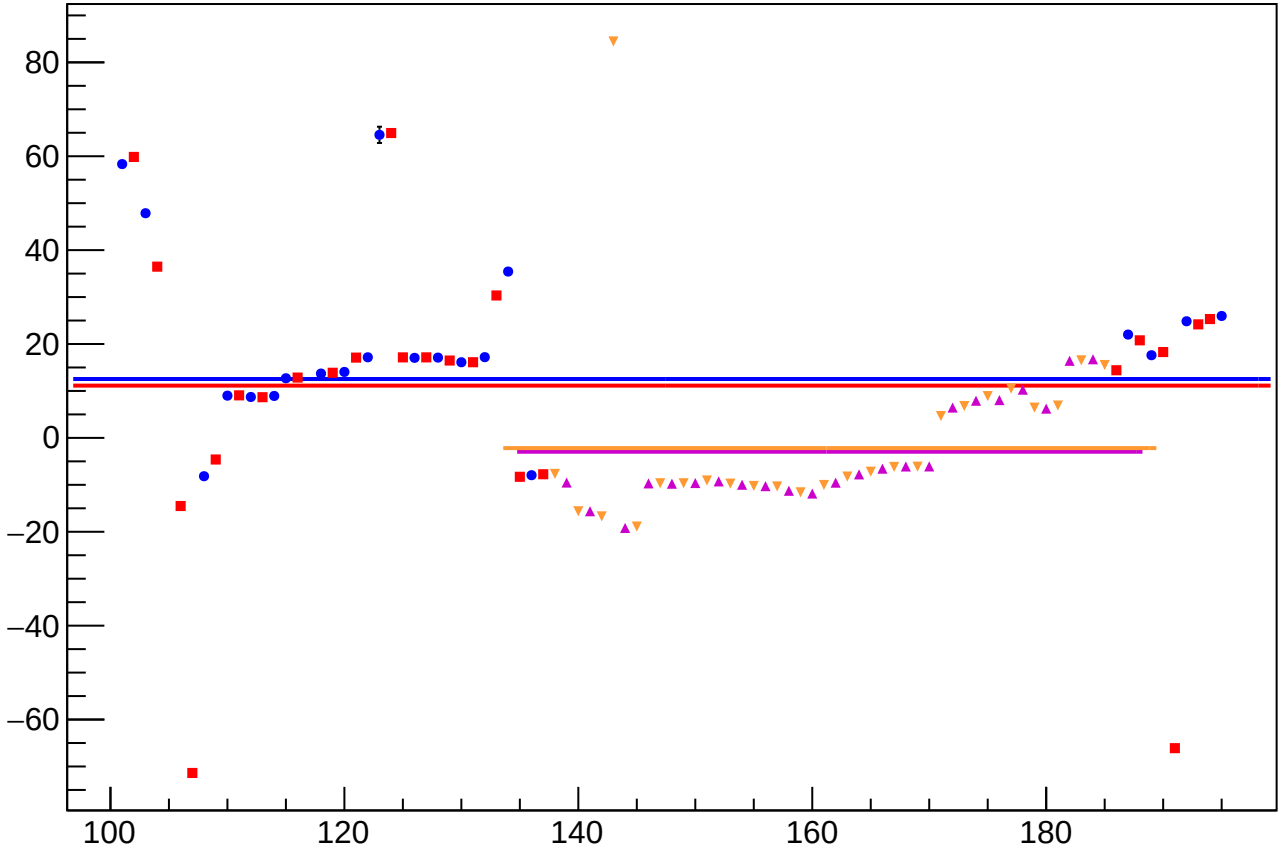
Right: -10.147+/-0.345 χ^2/NDF: 1828.7/44

In: -2.050+/-0.218 χ^2/NDF:2312.3/43

Out: -1.834+/-0.213 χ^2/NDF:2392.9/48

All: -1.939+/-0.152 χ^2/NDF: 4705.7/92

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.544+/-0.028 χ^2/NDF: 412378.3/20

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 11.137+/-0.026 χ^2/NDF: 670522.5/23

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

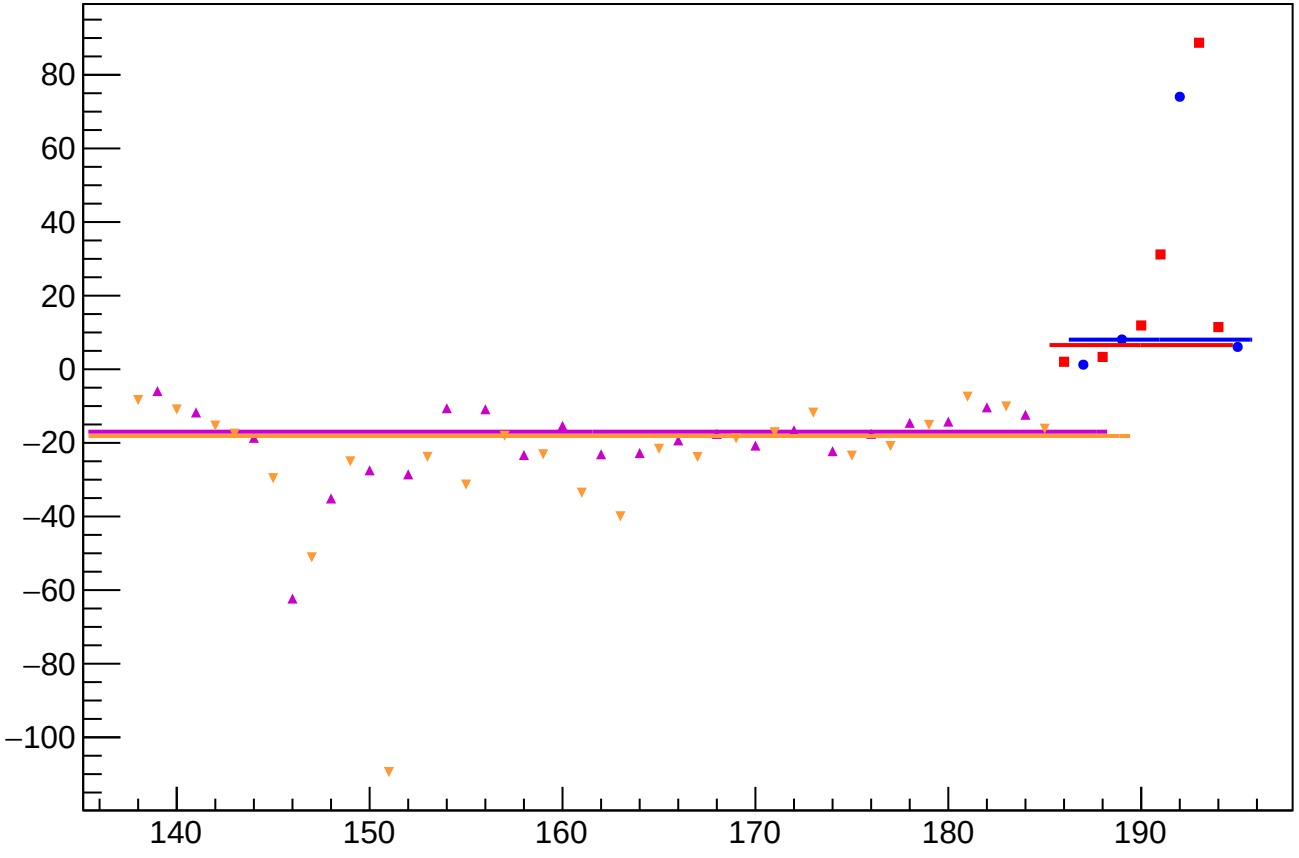
Right: 11.797+/-0.019 χ^2/NDF: 1084276.2/44

In: -0.849+/-0.010 χ^2/NDF:1454446.5/43

Out: -0.177+/-0.010 χ^2/NDF:1940970.4/48

All: -0.509+/-0.007 χ^2/NDF: 3397618.4/92

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.051+/-0.125 χ^2/NDF: 10724.5/3

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 6.577+/-0.087 χ^2/NDF: 24082.0/5

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

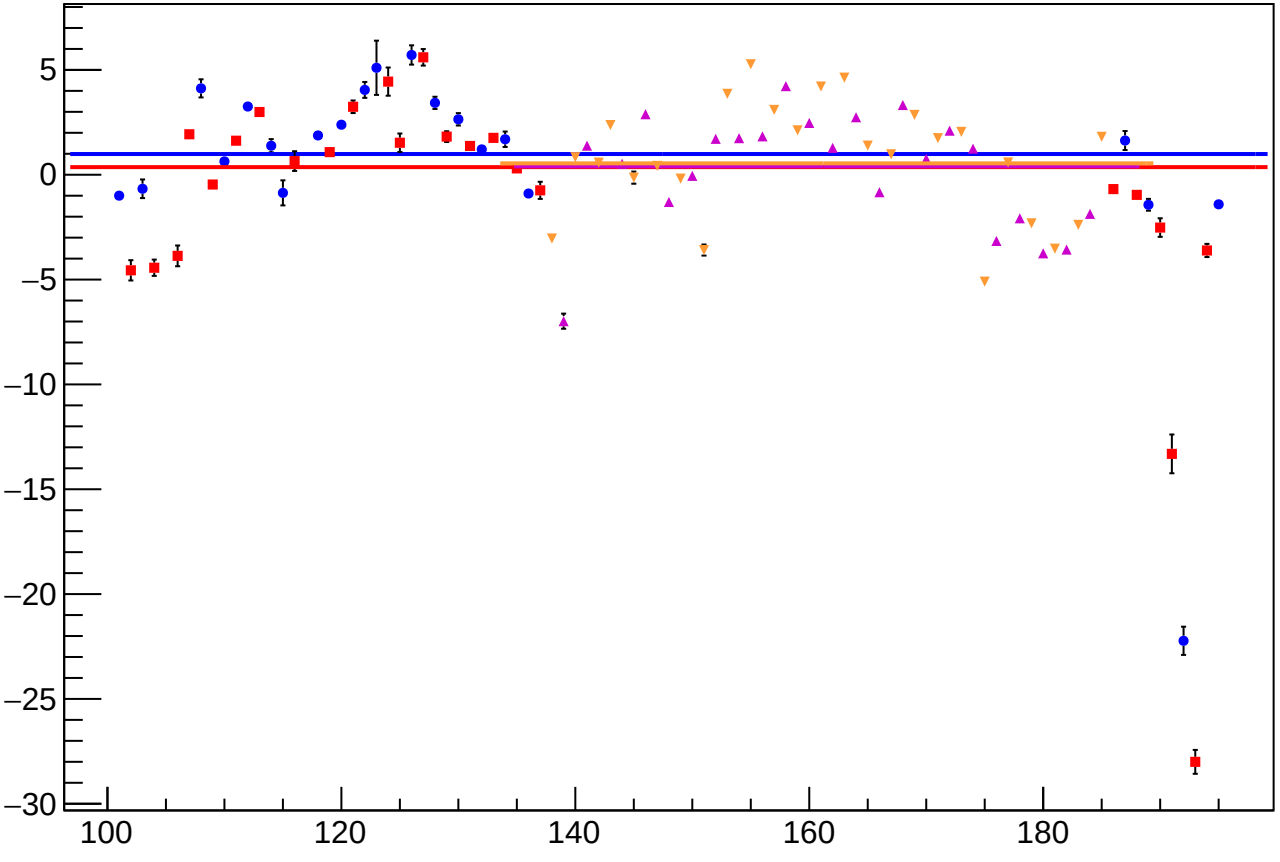
Right: 7.062+/-0.072 χ^2/NDF: 34900.2/9

In: -14.832+/-0.036 χ^2/NDF:92303.1/26

Out: -14.026+/-0.036 χ^2/NDF:179352.5/30

All: -14.420+/-0.025 χ^2/NDF: 271906.4/57

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.988+/-0.057 χ^2/NDF: 2181.4/20

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.363+/-0.052 χ^2/NDF: 4095.1/23

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

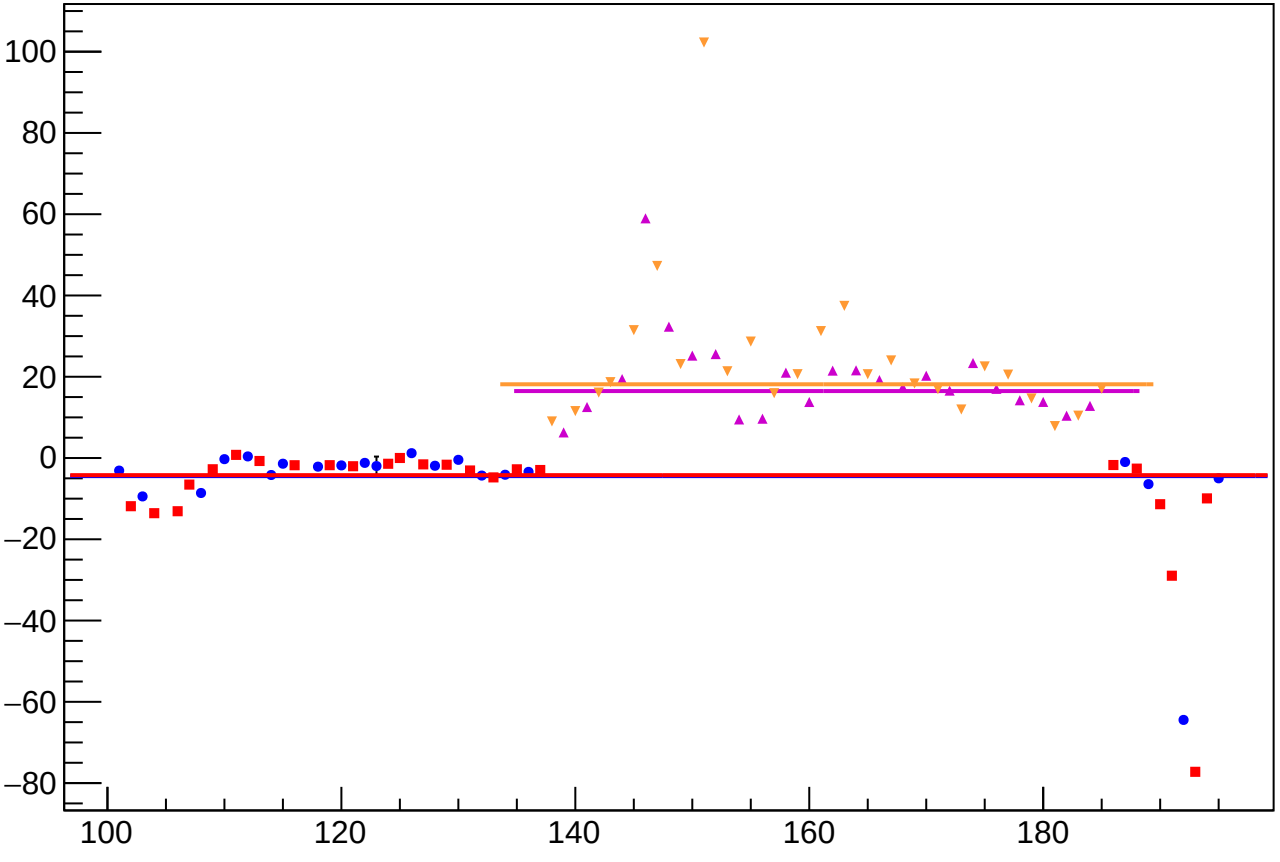
Right: 0.649+/-0.038 χ^2/NDF: 6342.5/44

In: 0.532+/-0.027 χ^2/NDF:8551.6/43

Out: 0.493+/-0.028 χ^2/NDF:11171.3/48

All: 0.513+/-0.019 χ^2/NDF: 19723.9/92

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.454+/-0.077 χ^2/NDF: 12112.1/20

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.216+/-0.058 χ^2/NDF: 25903.8/23

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

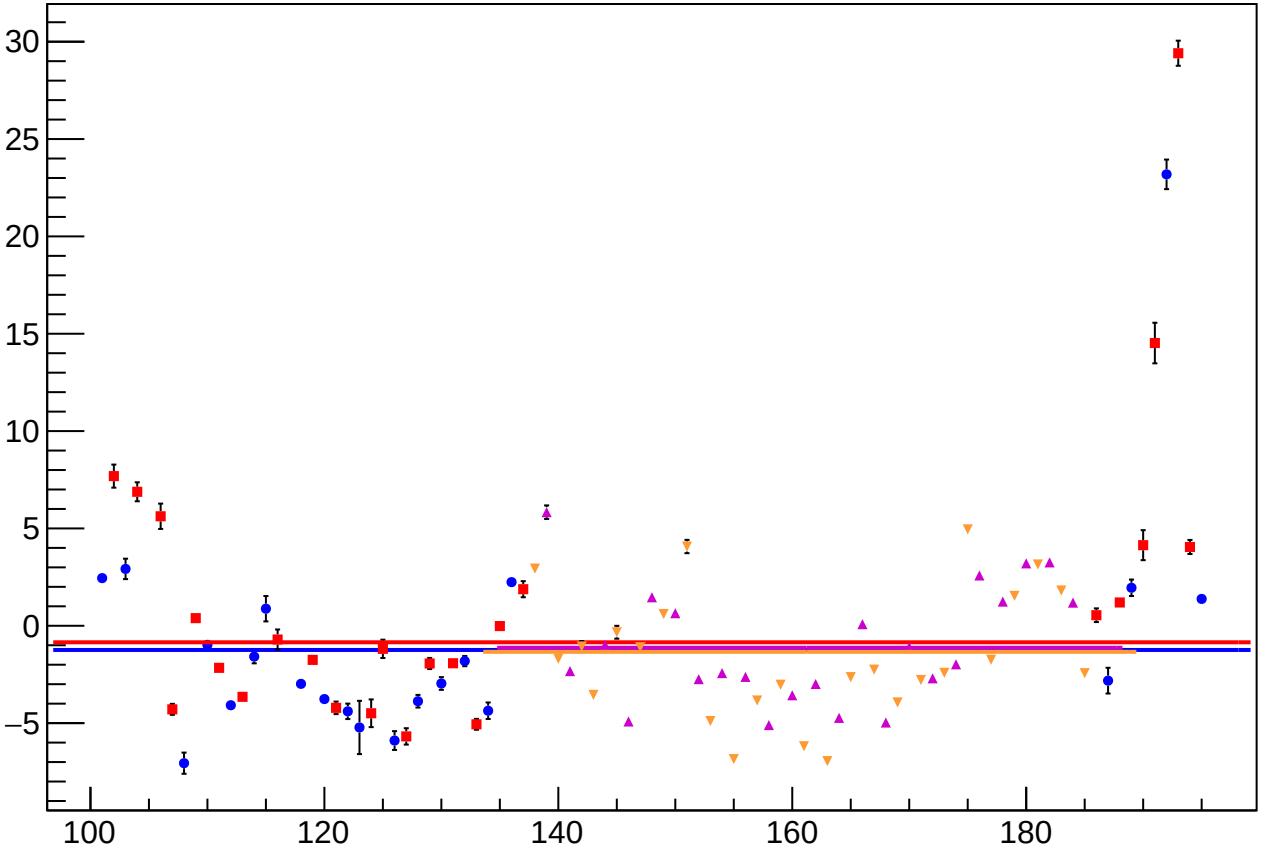
Right: -4.303+/-0.046 χ^2/NDF: 38022.1/44

In: 12.417+/-0.034 χ^2/NDF:113463.7/43

Out: 11.169+/-0.032 χ^2/NDF:205601.4/48

All: 11.768+/-0.023 χ^2/NDF: 319775.2/92

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.242+/-0.066 χ^2/NDF: 2617.2/20

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.848+/-0.061 χ^2/NDF: 4352.5/23

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

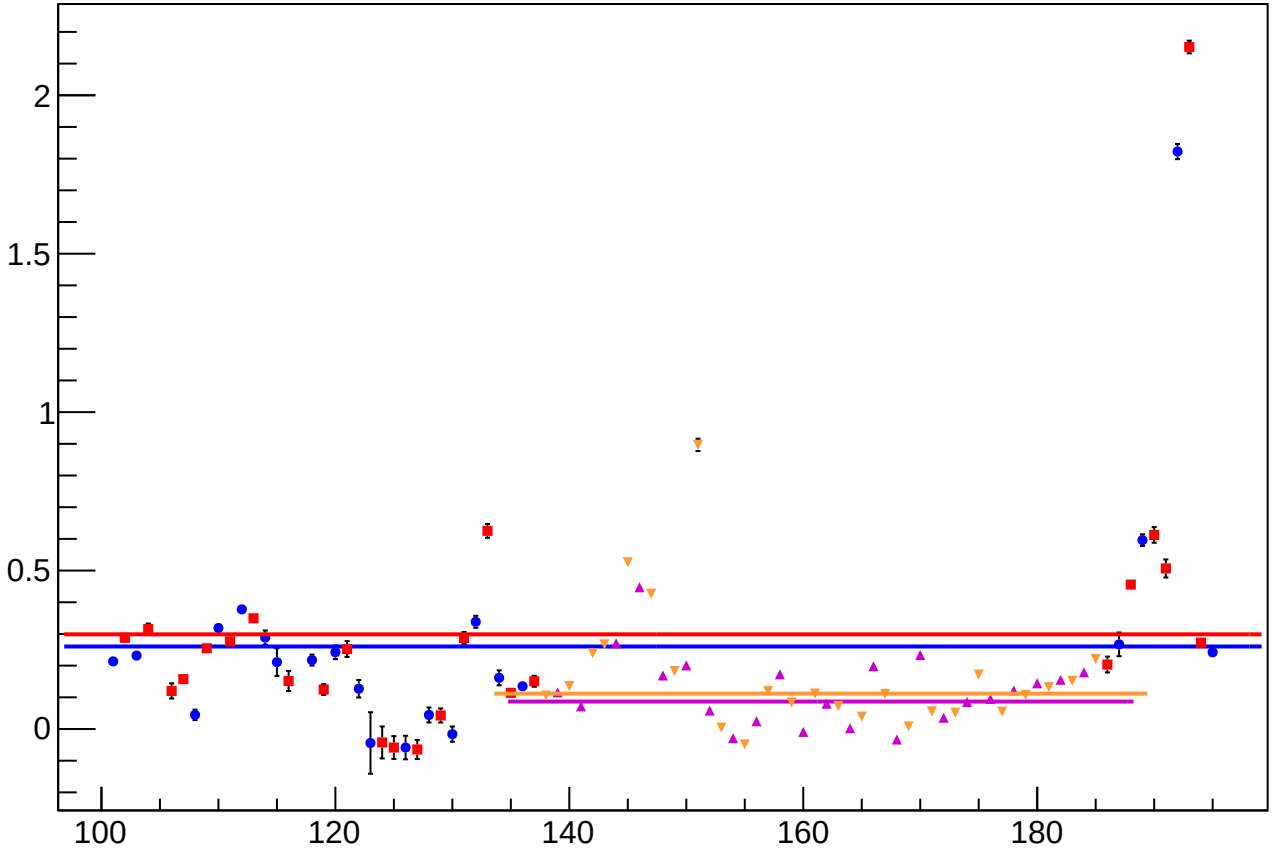
Right: -1.030+/-0.045 χ^2/NDF: 6989.0/44

In: -1.152+/-0.030 χ^2/NDF:9398.2/43

Out: -1.212+/-0.031 χ^2/NDF:12321.1/48

All: -1.181+/-0.022 χ^2/NDF: 21721.2/92

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.260+/-0.003 χ^2/NDF: 5458.5/20

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.299+/-0.003 χ^2/NDF: 10537.8/23

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

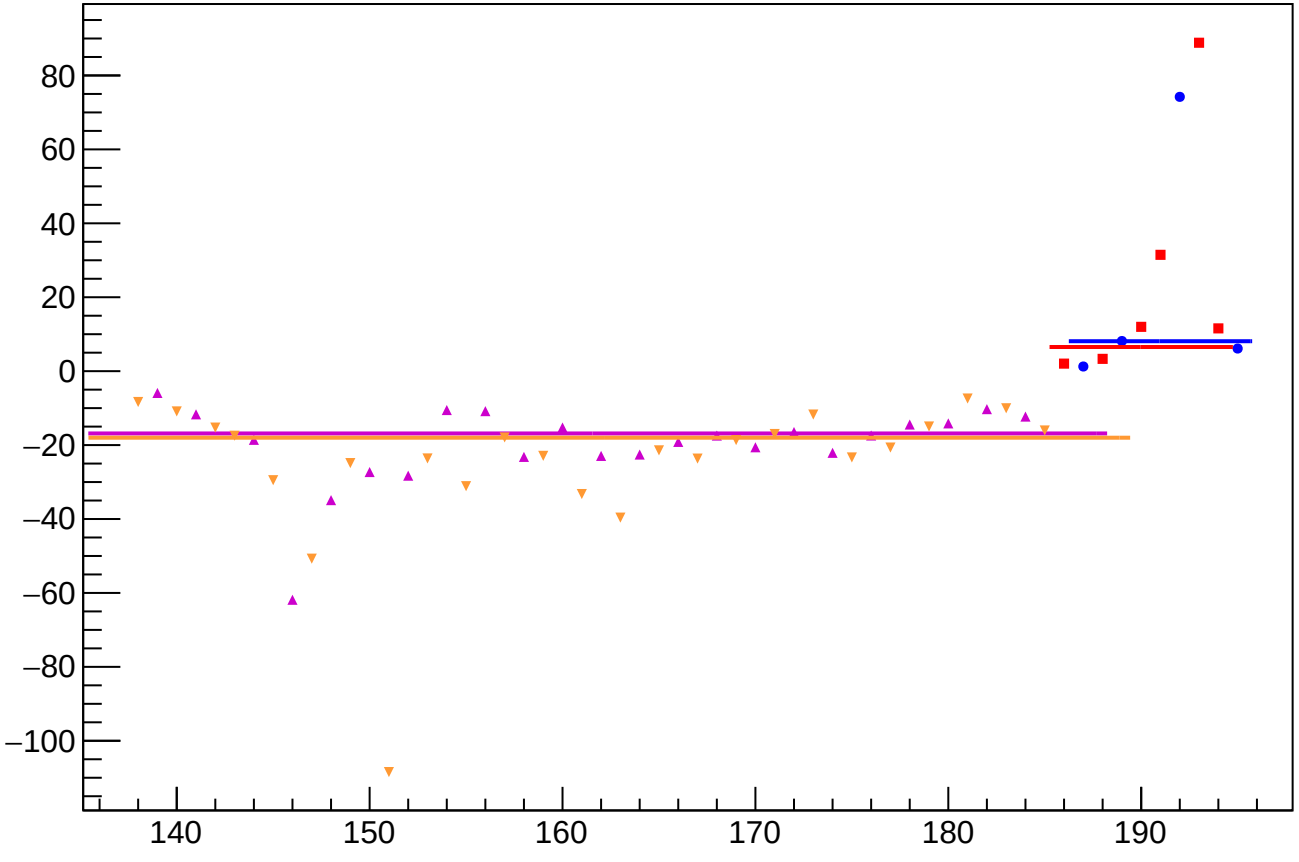
Right: 0.281+/-0.002 χ^2/NDF: 16061.8/44

In: 0.114+/-0.001 χ^2/NDF:11254.4/43

Out: 0.148+/-0.001 χ^2/NDF:17664.4/48

All: 0.130+/-0.001 χ^2/NDF: 29214.6/92

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.101+/-0.124 χ^2/NDF: 10848.9/3

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.534+/-0.086 χ^2/NDF: 24437.3/5

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

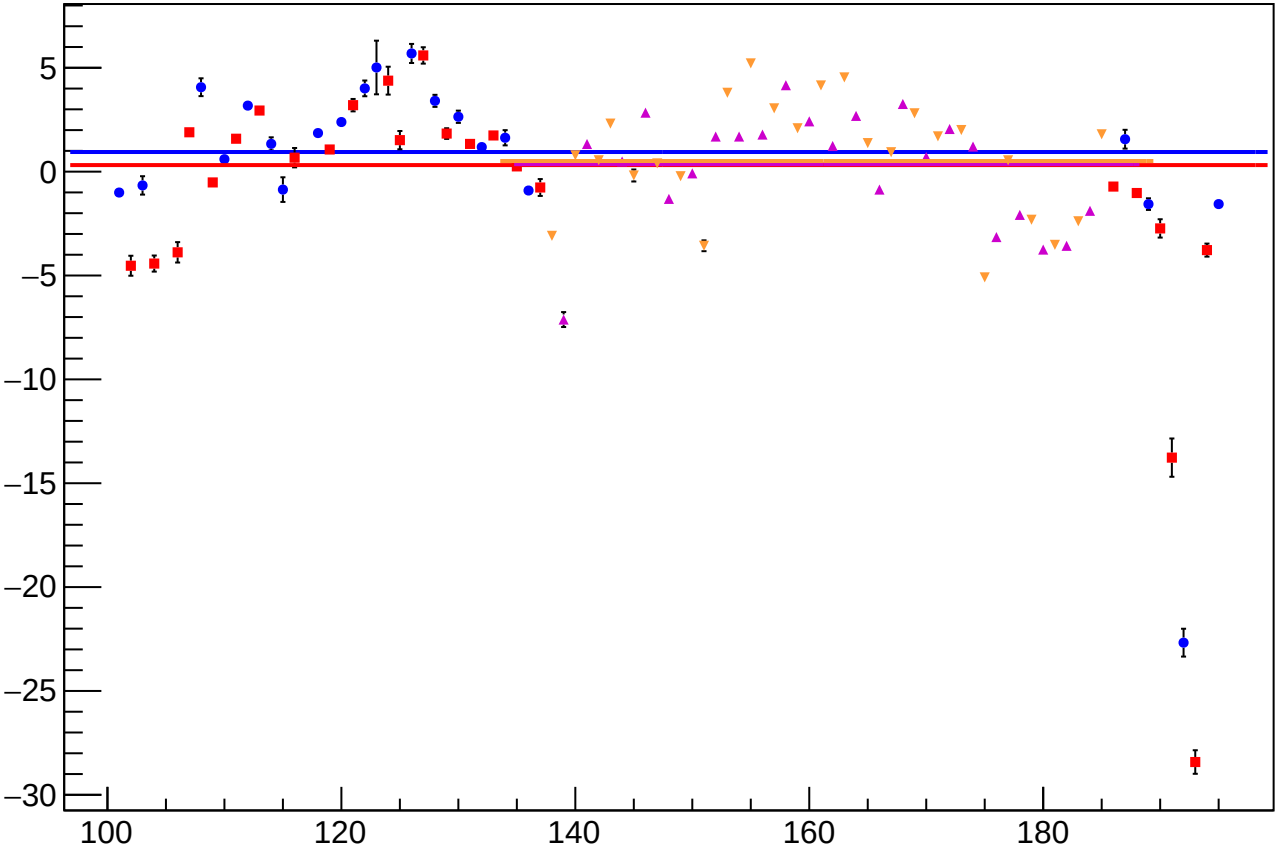
Right: 7.046+/-0.071 χ^2/NDF: 35393.6/9

In: -14.742+/-0.036 χ^2/NDF:92508.2/26

Out: -13.906+/-0.035 χ^2/NDF:179982.1/30

All: -14.315+/-0.025 χ^2/NDF: 272764.2/57

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.945+/-0.056 χ^2/NDF: 2256.8/20

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.316+/-0.052 χ^2/NDF: 4232.5/23

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

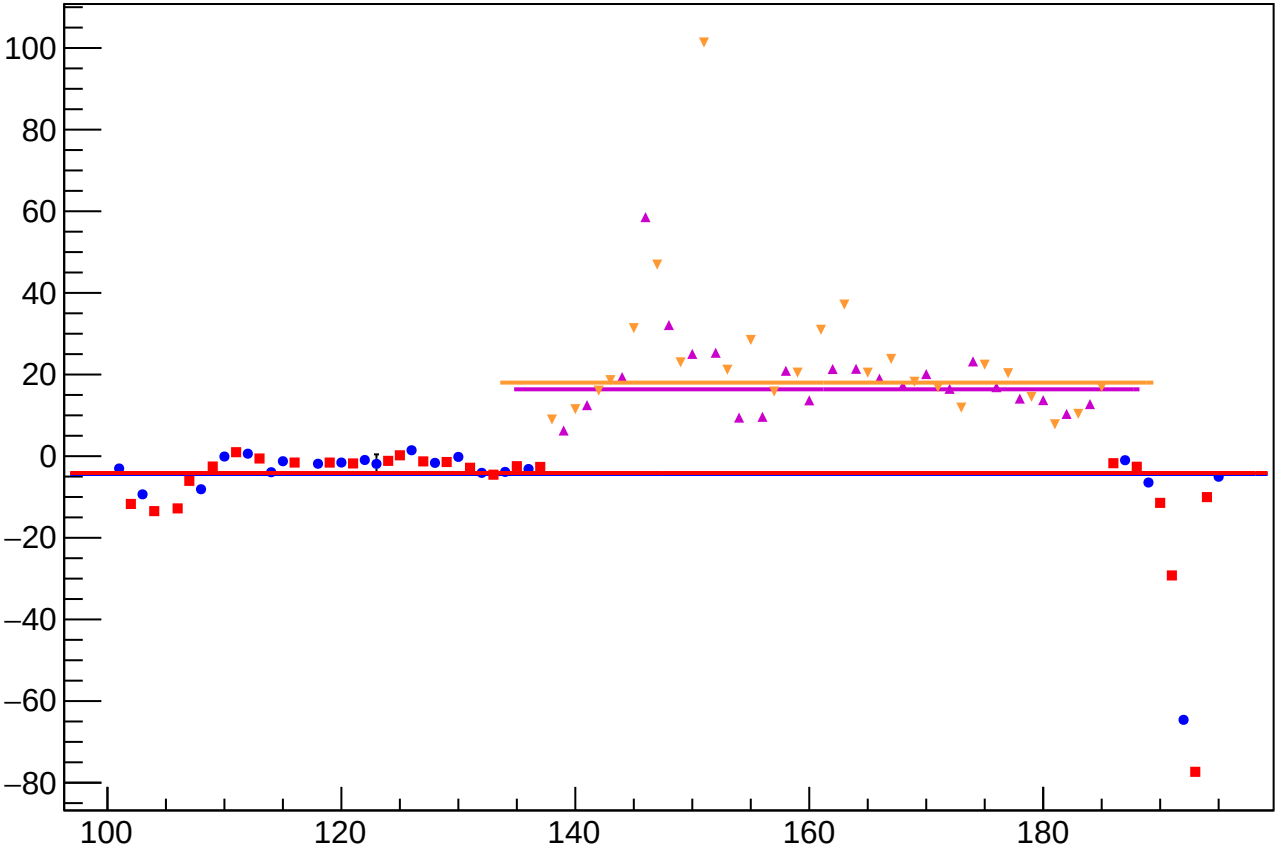
Right: 0.604+/-0.038 χ^2/NDF: 6556.9/44

In: 0.493+/-0.027 χ^2/NDF:8613.5/43

Out: 0.457+/-0.027 χ^2/NDF:11295.8/48

All: 0.475+/-0.019 χ^2/NDF: 19910.1/92

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.365+/-0.076 χ^2/NDF: 12346.1/20

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -4.122+/-0.058 χ^2/NDF: 26336.5/23

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

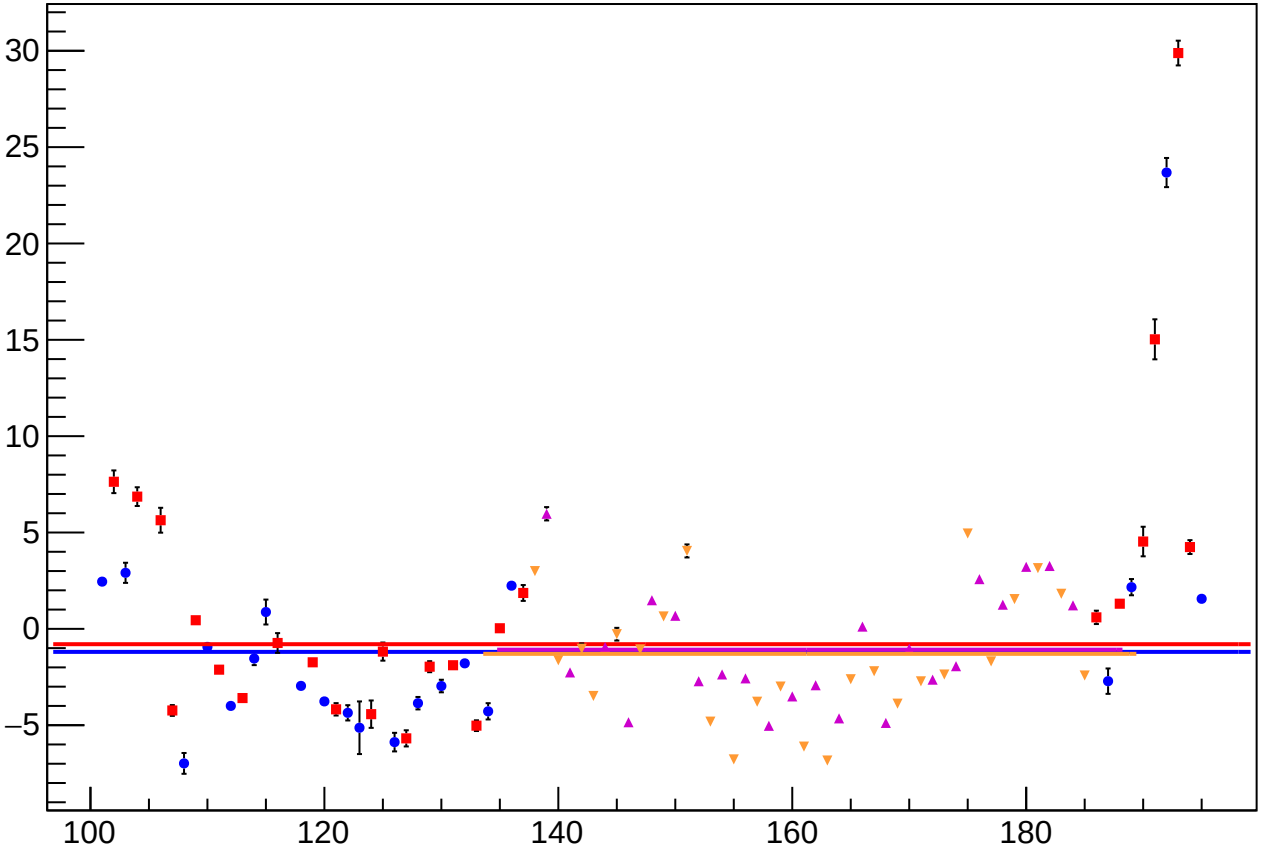
Right: -4.210+/-0.046 χ^2/NDF: 38689.1/44

In: 12.368+/-0.034 χ^2/NDF:113126.6/43

Out: 11.096+/-0.032 χ^2/NDF:205605.5/48

All: 11.706+/-0.023 χ^2/NDF: 319480.0/92

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.195+/-0.066 χ^2/NDF: 2684.7/20

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.796+/-0.061 χ^2/NDF: 4487.3/23

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

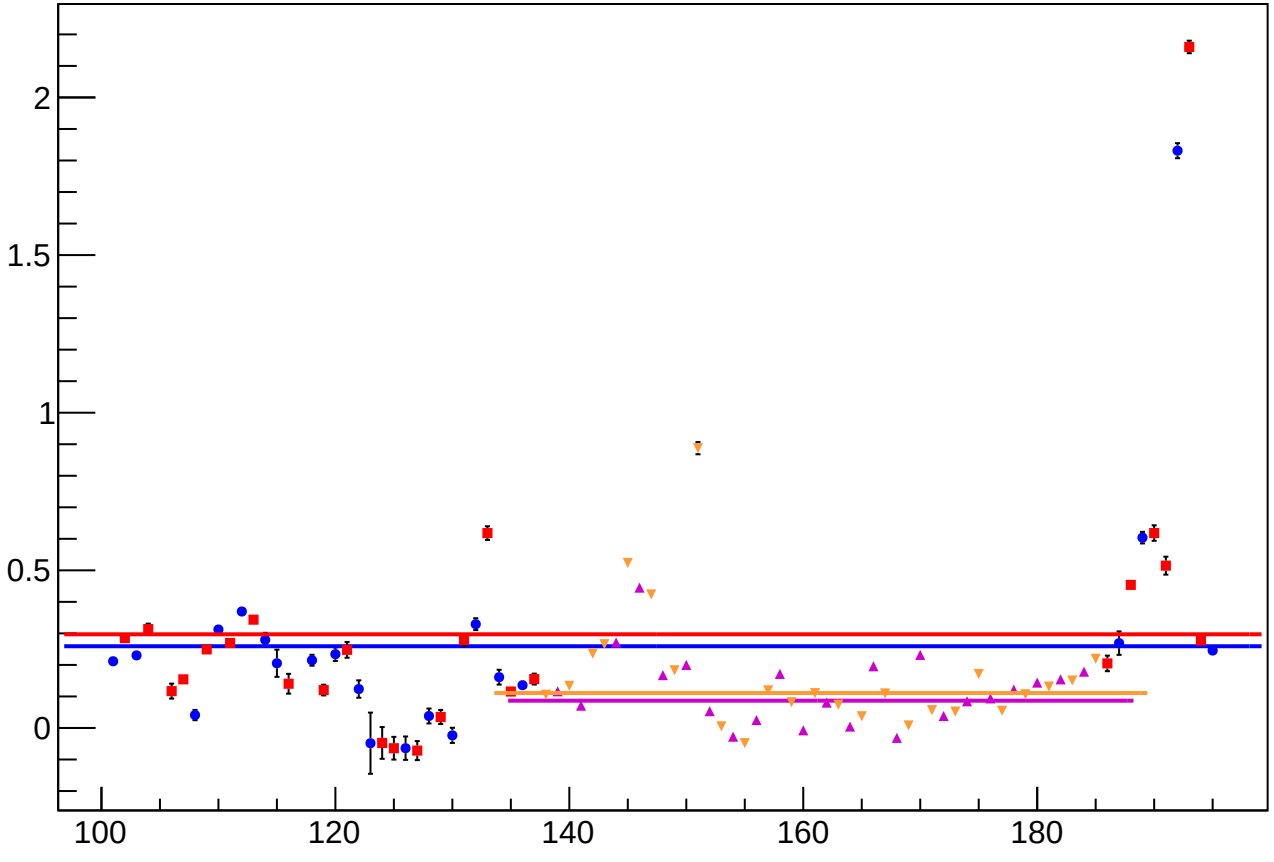
Right: -0.980+/-0.045 χ^2/NDF: 7191.9/44

In: -1.105+/-0.030 χ^2/NDF:9451.2/43

Out: -1.169+/-0.031 χ^2/NDF:12441.1/48

All: -1.136+/-0.022 χ^2/NDF: 21894.5/92

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.259+/-0.003 χ^2/NDF: 5565.8/20

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.297+/-0.003 χ^2/NDF: 10724.7/23

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

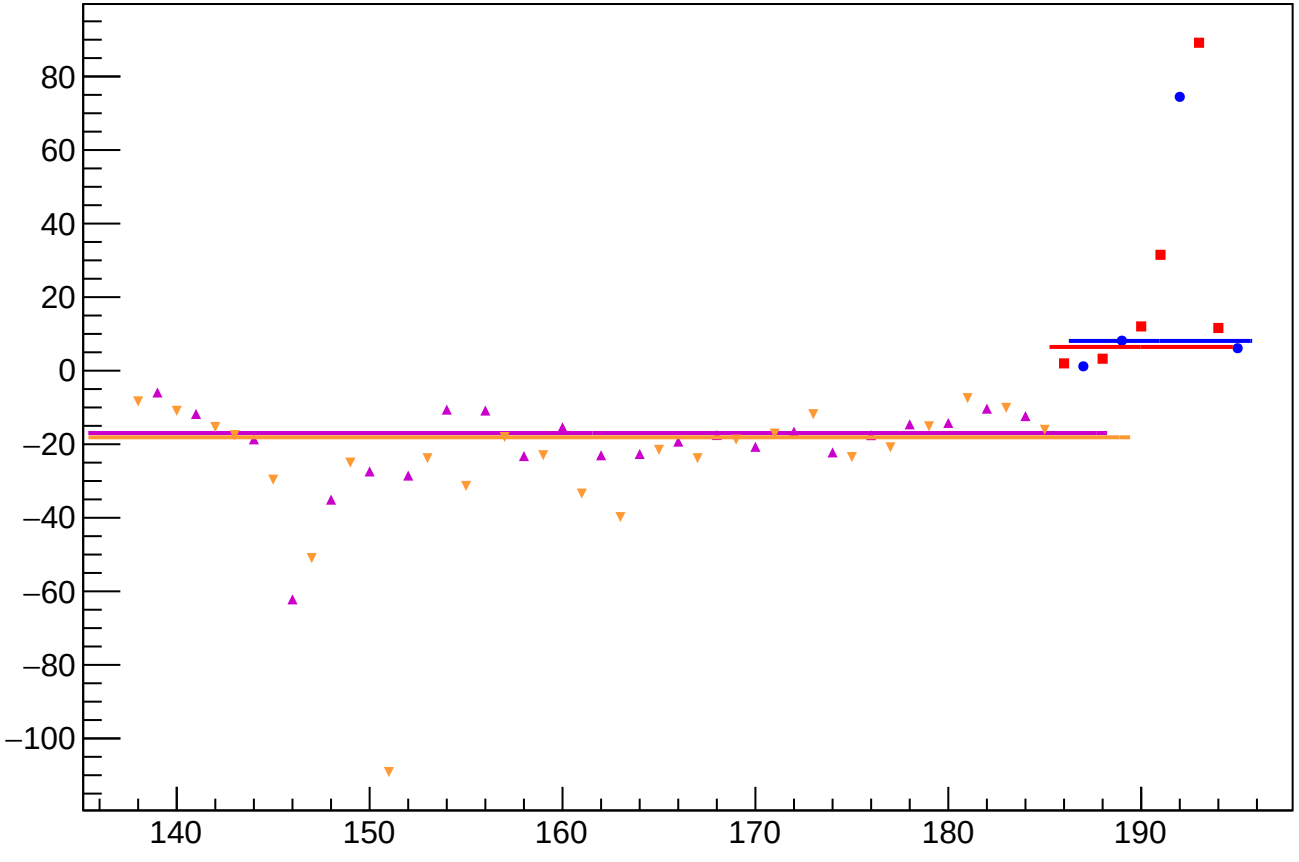
Right: 0.279+/-0.002 χ^2/NDF: 16354.9/44

In: 0.114+/-0.001 χ^2/NDF:11324.4/43

Out: 0.147+/-0.001 χ^2/NDF:17846.3/48

All: 0.130+/-0.001 χ^2/NDF: 29458.3/92

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.094+/-0.125 χ^2/NDF: 10862.6/3

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 6.455+/-0.086 χ^2/NDF: 24468.7/5

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

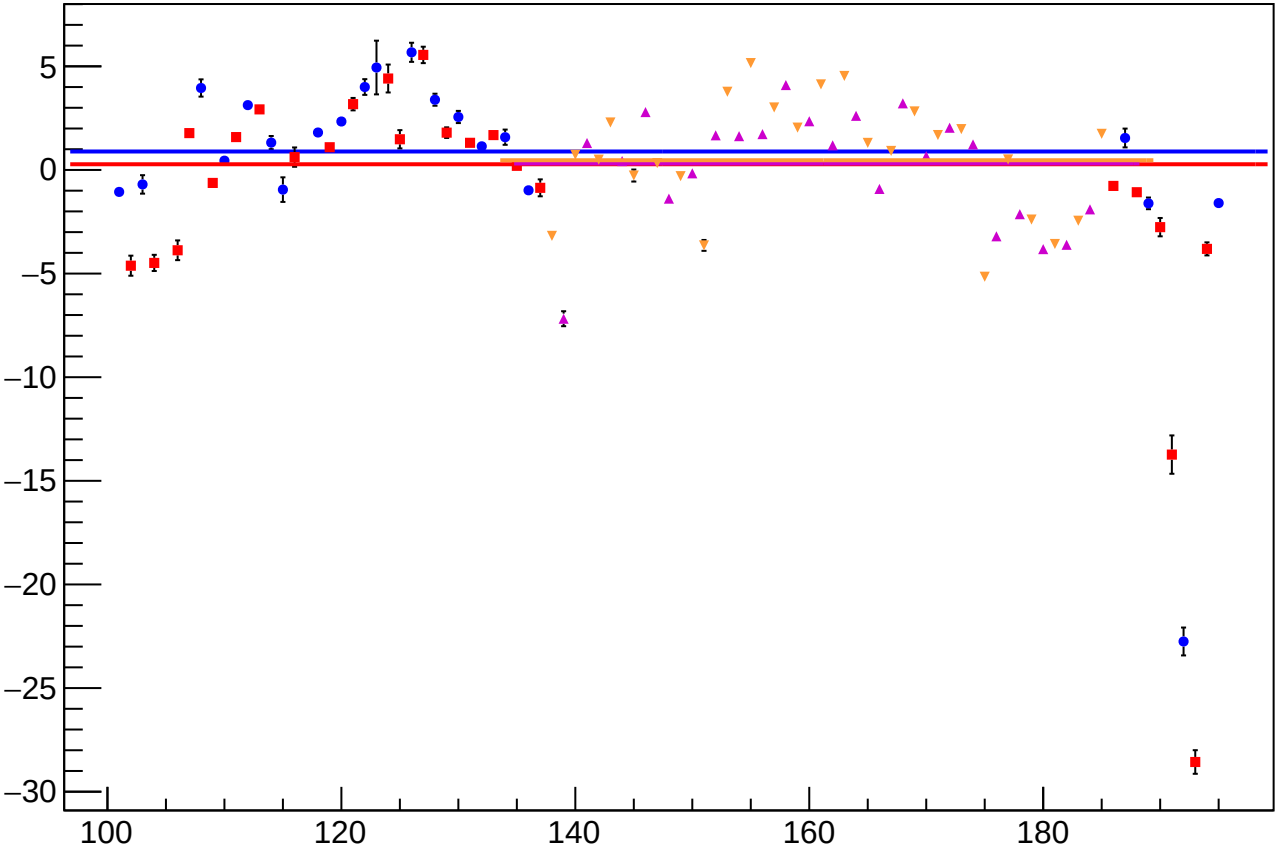
Right: 6.986+/-0.071 χ^2/NDF: 35448.0/9

In: -14.829+/-0.036 χ^2/NDF:92502.3/26

Out: -13.975+/-0.035 χ^2/NDF:180305.7/30

All: -14.392+/-0.025 χ^2/NDF: 273092.1/57

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.891+/-0.057 χ^2/NDF: 2250.5/20

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.275+/-0.052 χ^2/NDF: 4232.1/23

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

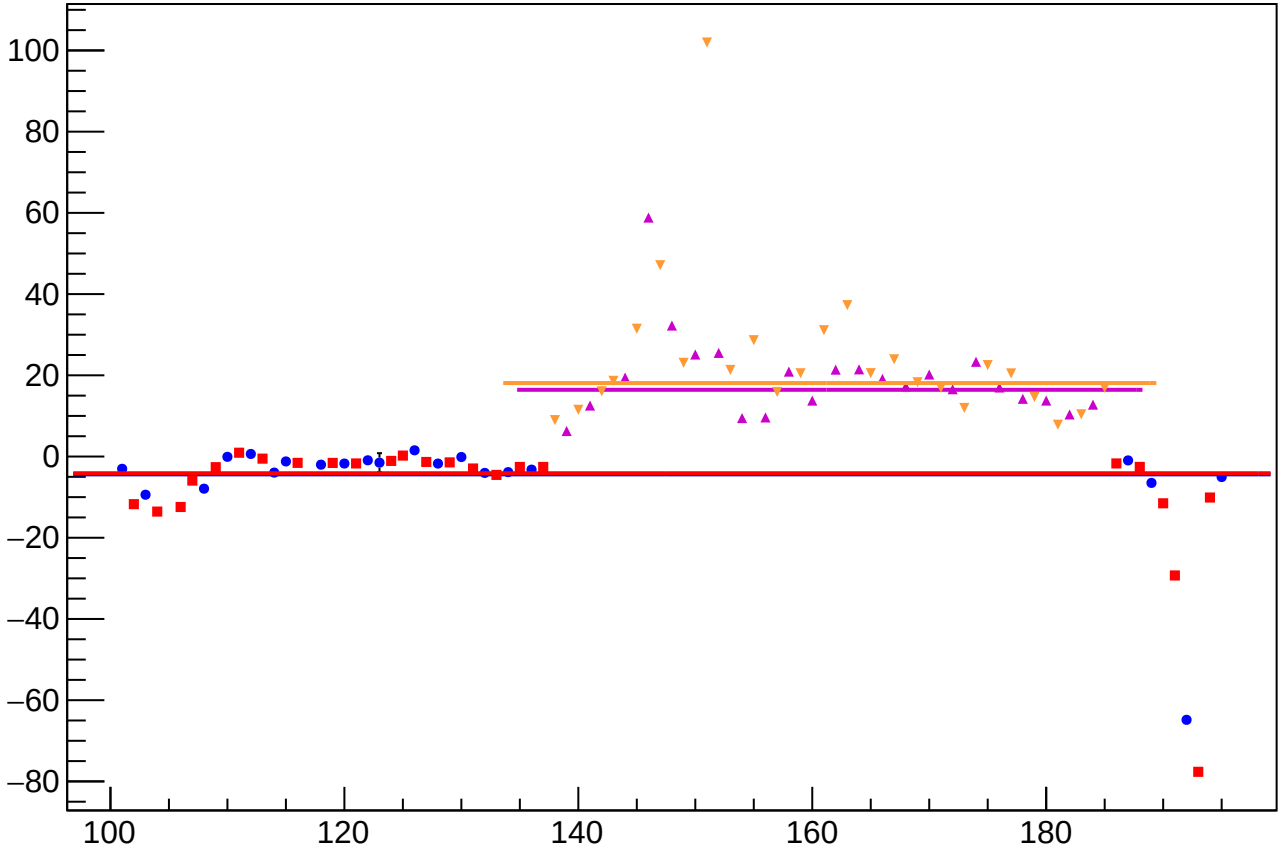
Right: 0.556+/-0.038 χ^2/NDF: 6546.8/44

In: 0.443+/-0.027 χ^2/NDF:8566.2/43

Out: 0.415+/-0.027 χ^2/NDF:11318.9/48

All: 0.429+/-0.019 χ^2/NDF: 19885.6/92

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.389+/-0.077 χ^2/NDF: 12346.8/20

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -4.116+/-0.058 χ^2/NDF: 26328.1/23

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

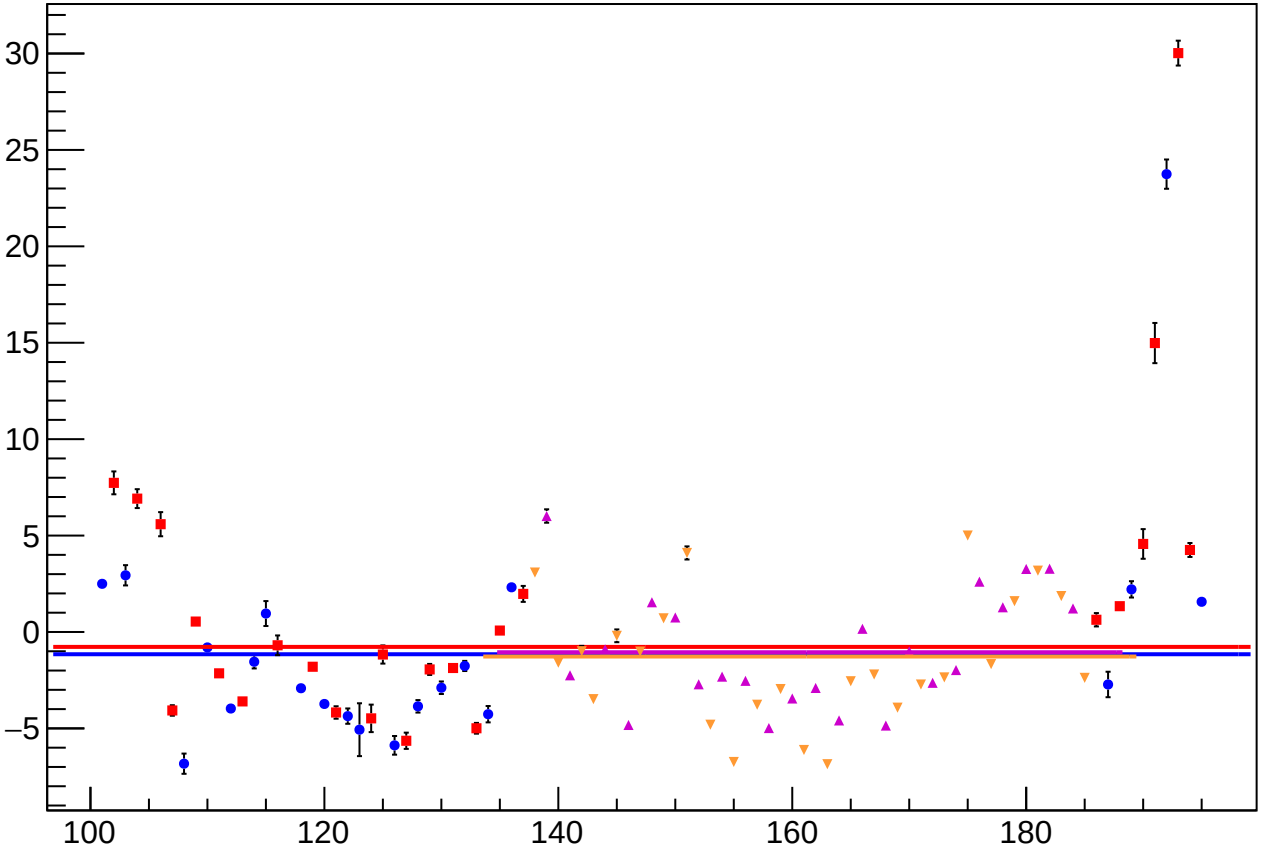
Right: -4.214+/-0.046 χ^2/NDF: 38683.0/44

In: 12.414+/-0.034 χ^2/NDF:113094.4/43

Out: 11.118+/-0.032 χ^2/NDF:205929.5/48

All: 11.739+/-0.023 χ^2/NDF: 319795.1/92

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.154+/-0.066 χ^2/NDF: 2679.5/20

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.773+/-0.061 χ^2/NDF: 4490.0/23

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

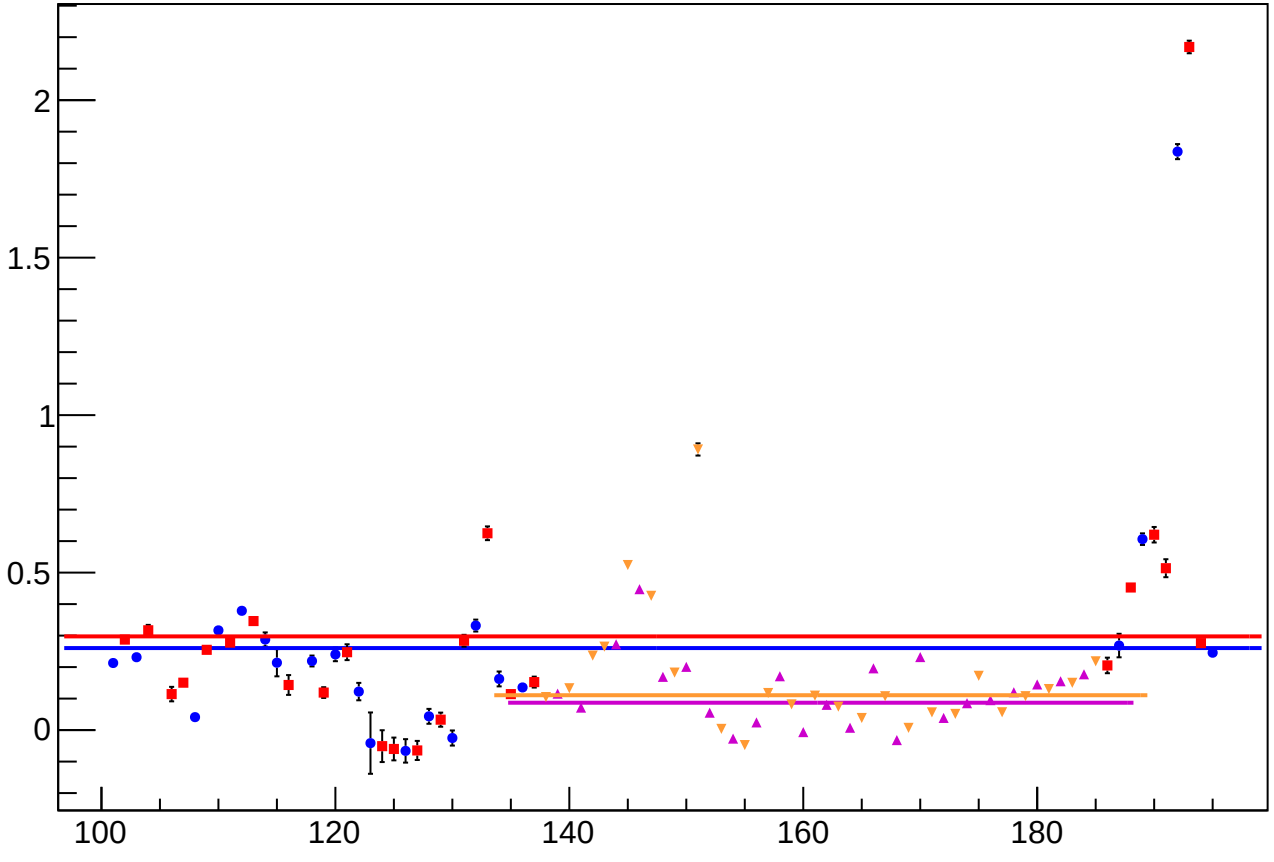
Right: -0.948+/-0.045 χ^2/NDF: 7187.6/44

In: -1.072+/-0.030 χ^2/NDF:9394.4/43

Out: -1.144+/-0.031 χ^2/NDF:12471.1/48

All: -1.107+/-0.022 χ^2/NDF: 21868.3/92

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.260+/-0.003 χ^2/NDF: 5585.3/20

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.297+/-0.003 χ^2/NDF: 10746.5/23

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

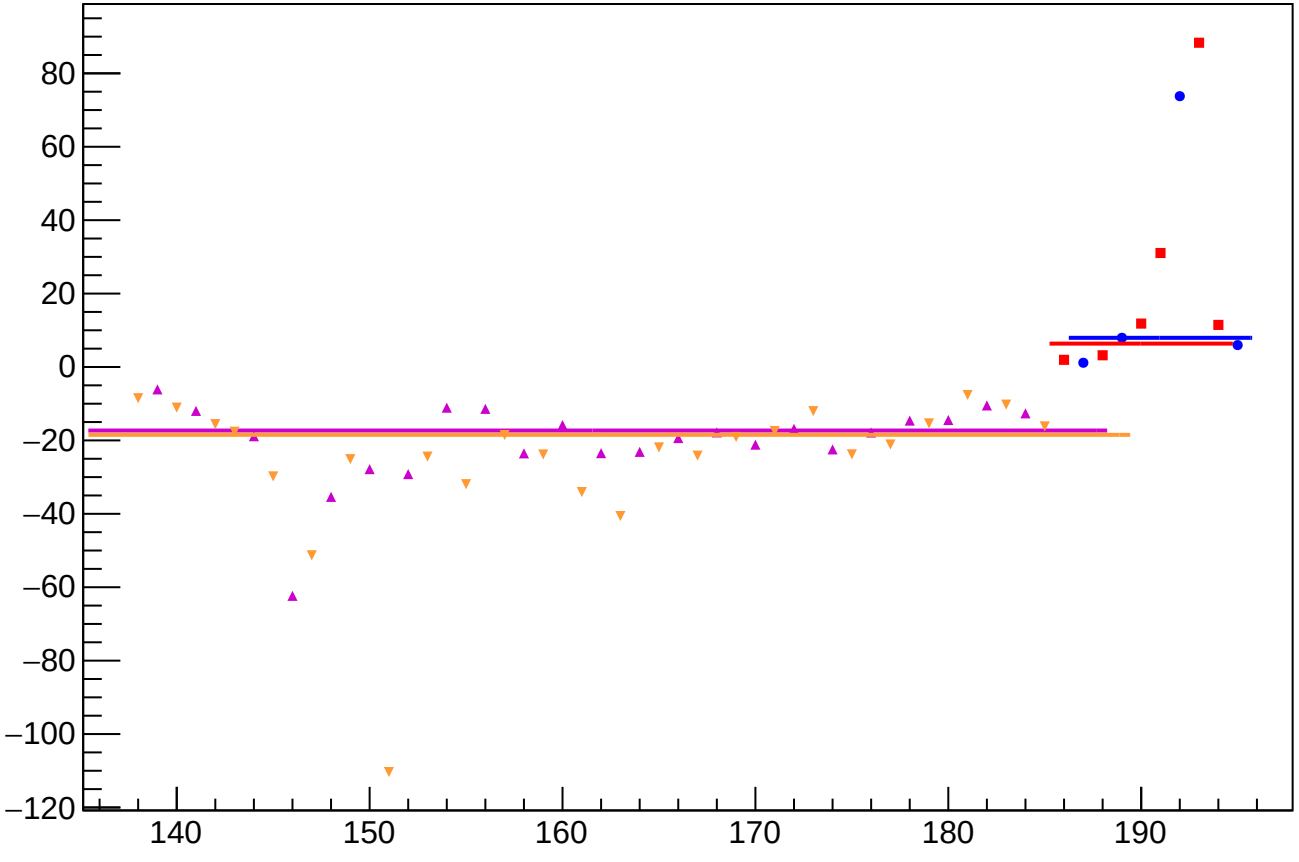
Right: 0.280+/-0.002 χ^2/NDF: 16393.1/44

In: 0.114+/-0.001 χ^2/NDF:11320.7/43

Out: 0.147+/-0.001 χ^2/NDF:17848.5/48

All: 0.130+/-0.001 χ^2/NDF: 29448.0/92

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.951+/-0.125 χ^2/NDF: 10621.0/3

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 6.369+/-0.087 χ^2/NDF: 23946.8/5

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

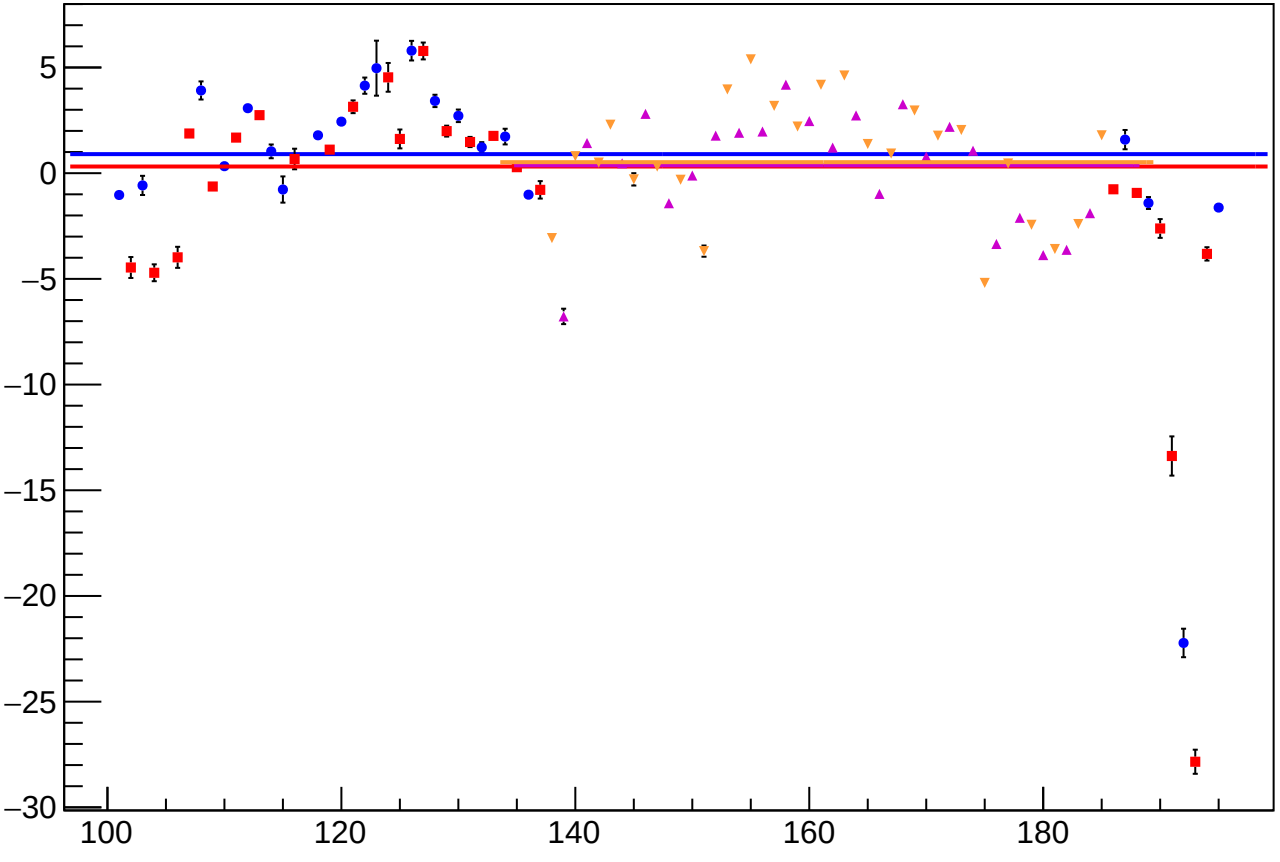
Right: 6.881+/-0.071 χ^2/NDF: 34675.7/9

In: -15.096+/-0.037 χ^2/NDF:91572.7/26

Out: -14.153+/-0.036 χ^2/NDF:179821.4/30

All: -14.612+/-0.026 χ^2/NDF: 271725.7/57

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.902+/-0.058 χ^2/NDF: 2179.7/20

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.315+/-0.053 χ^2/NDF: 4059.7/23

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

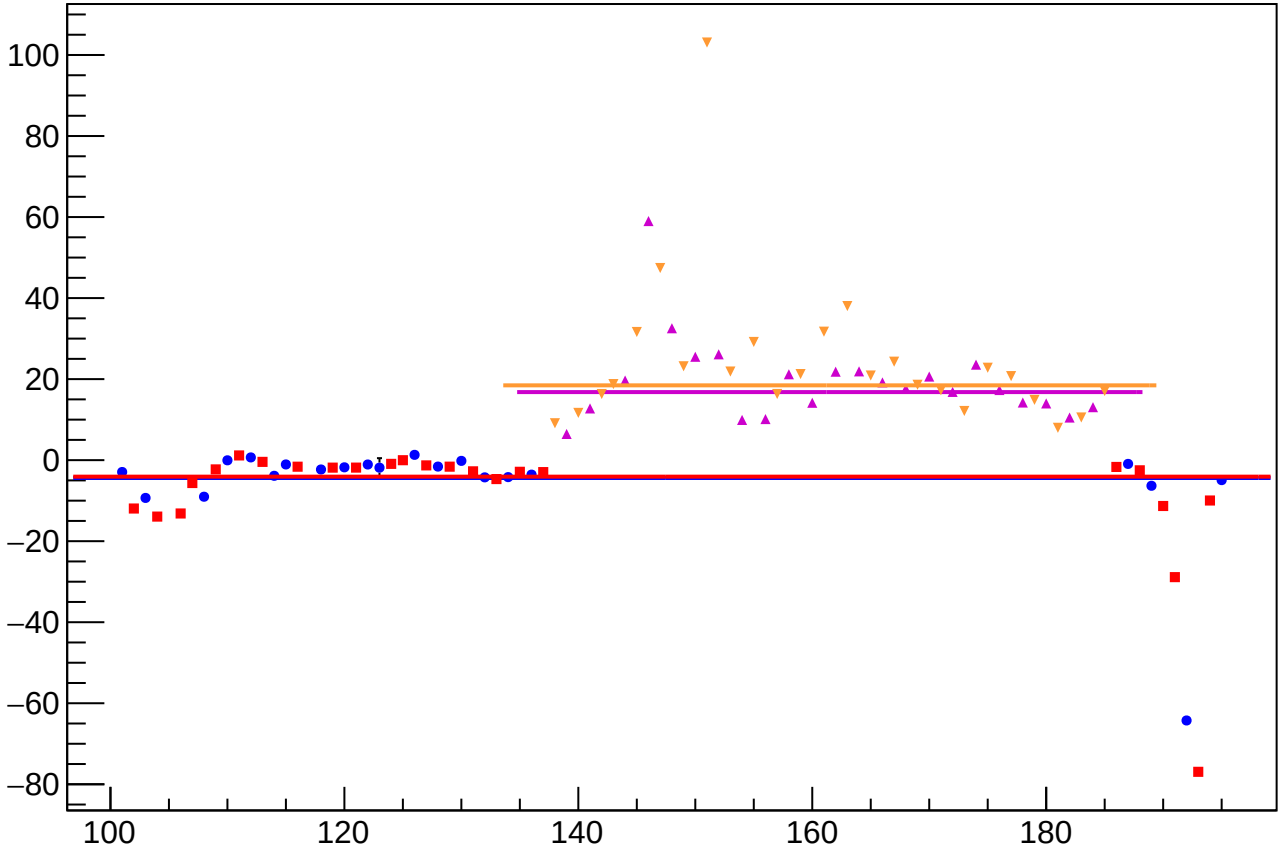
Right: 0.583+/-0.039 χ^2/NDF: 6295.8/44

In: 0.494+/-0.027 χ^2/NDF:8508.7/43

Out: 0.464+/-0.028 χ^2/NDF:11108.9/48

All: 0.479+/-0.020 χ^2/NDF: 19618.2/92

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.401+/-0.078 χ^2/NDF: 12032.7/20

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -4.073+/-0.058 χ^2/NDF: 25800.6/23

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

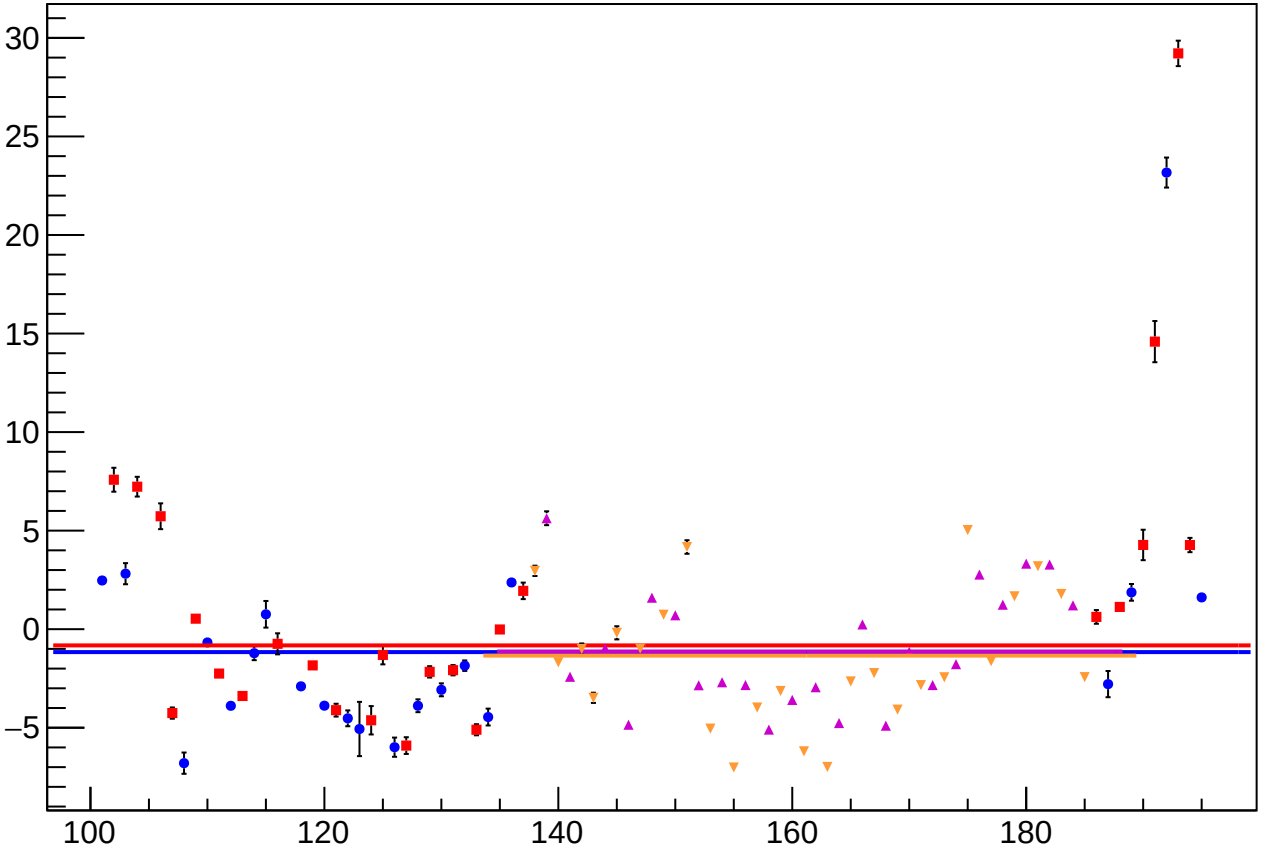
Right: -4.191+/-0.047 χ^2/NDF: 37844.7/44

In: 12.617+/-0.034 χ^2/NDF:112316.7/43

Out: 11.246+/-0.033 χ^2/NDF:205021.1/48

All: 11.901+/-0.024 χ^2/NDF: 318166.1/92

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.163+/-0.067 χ^2/NDF: 2603.0/20

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.823+/-0.062 χ^2/NDF: 4314.0/23

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

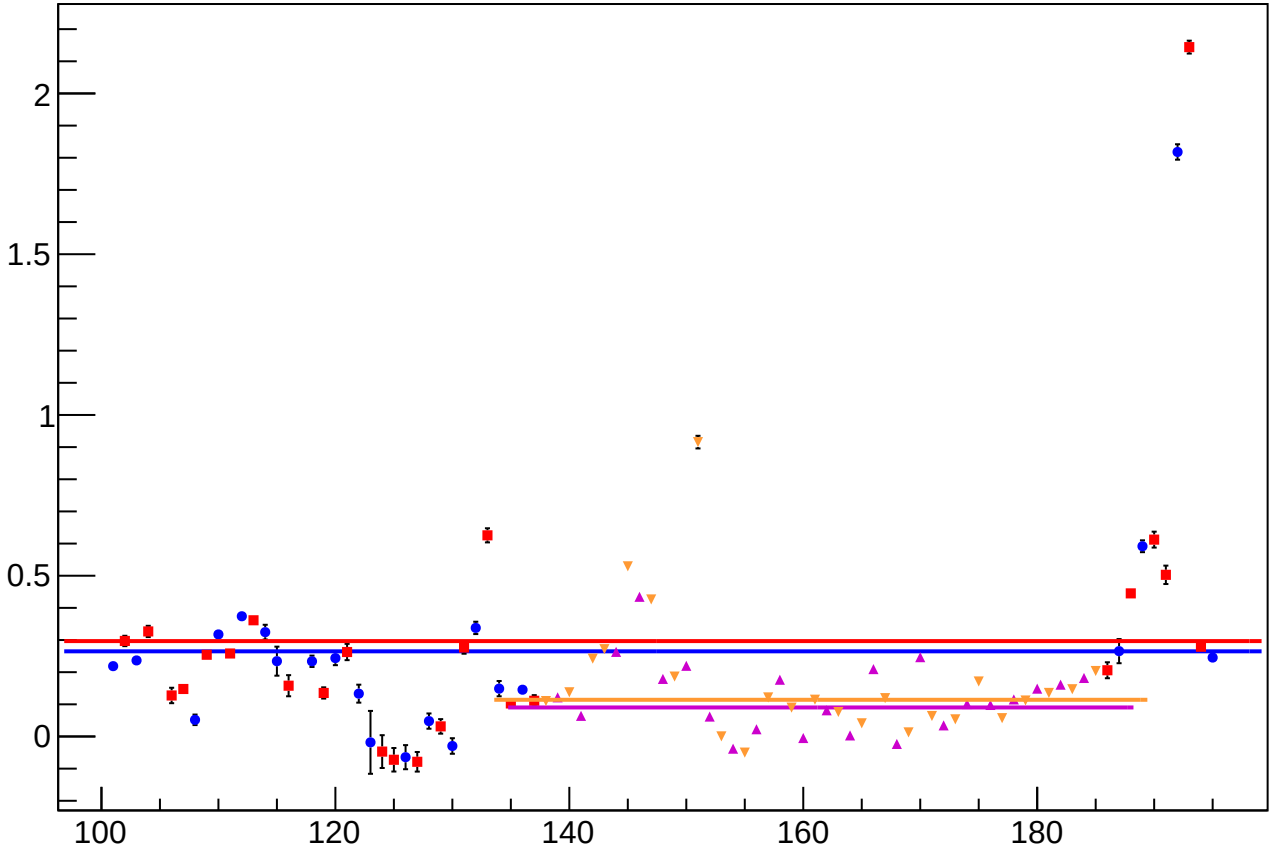
Right: -0.980+/-0.045 χ^2/NDF: 6930.8/44

In: -1.138+/-0.031 χ^2/NDF:9346.5/43

Out: -1.207+/-0.032 χ^2/NDF:12251.7/48

All: -1.172+/-0.022 χ^2/NDF: 21600.6/92

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.265+/-0.003 χ^2/NDF: 5349.6/20

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.297+/-0.003 χ^2/NDF: 10537.4/23

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

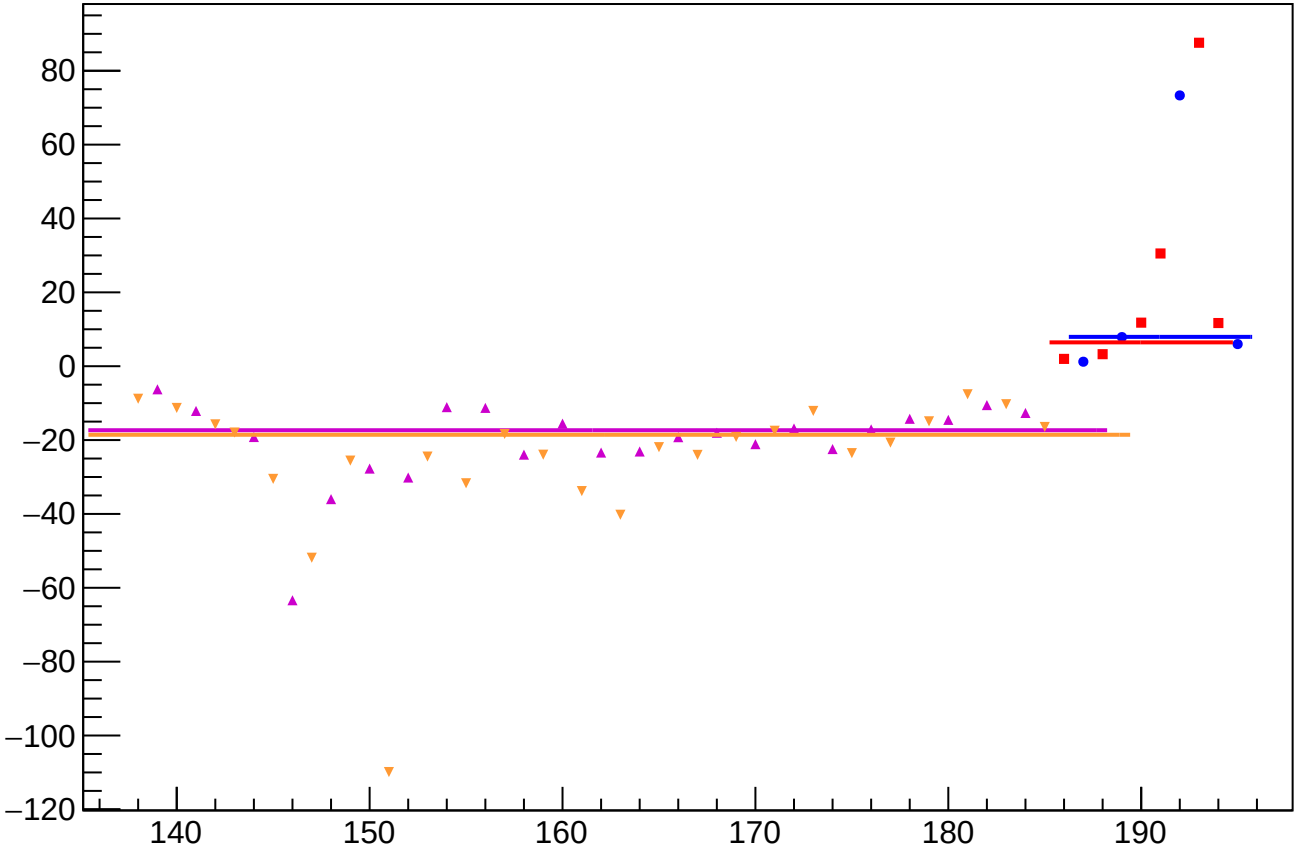
Right: 0.282+/-0.002 χ^2/NDF: 15930.9/44

In: 0.118+/-0.001 χ^2/NDF:11121.8/43

Out: 0.150+/-0.001 χ^2/NDF:17384.3/48

All: 0.134+/-0.001 χ^2/NDF: 28755.0/92

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.945+/-0.126 χ^2/NDF: 10370.2/3

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 6.454+/-0.088 χ^2/NDF: 23383.1/5

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

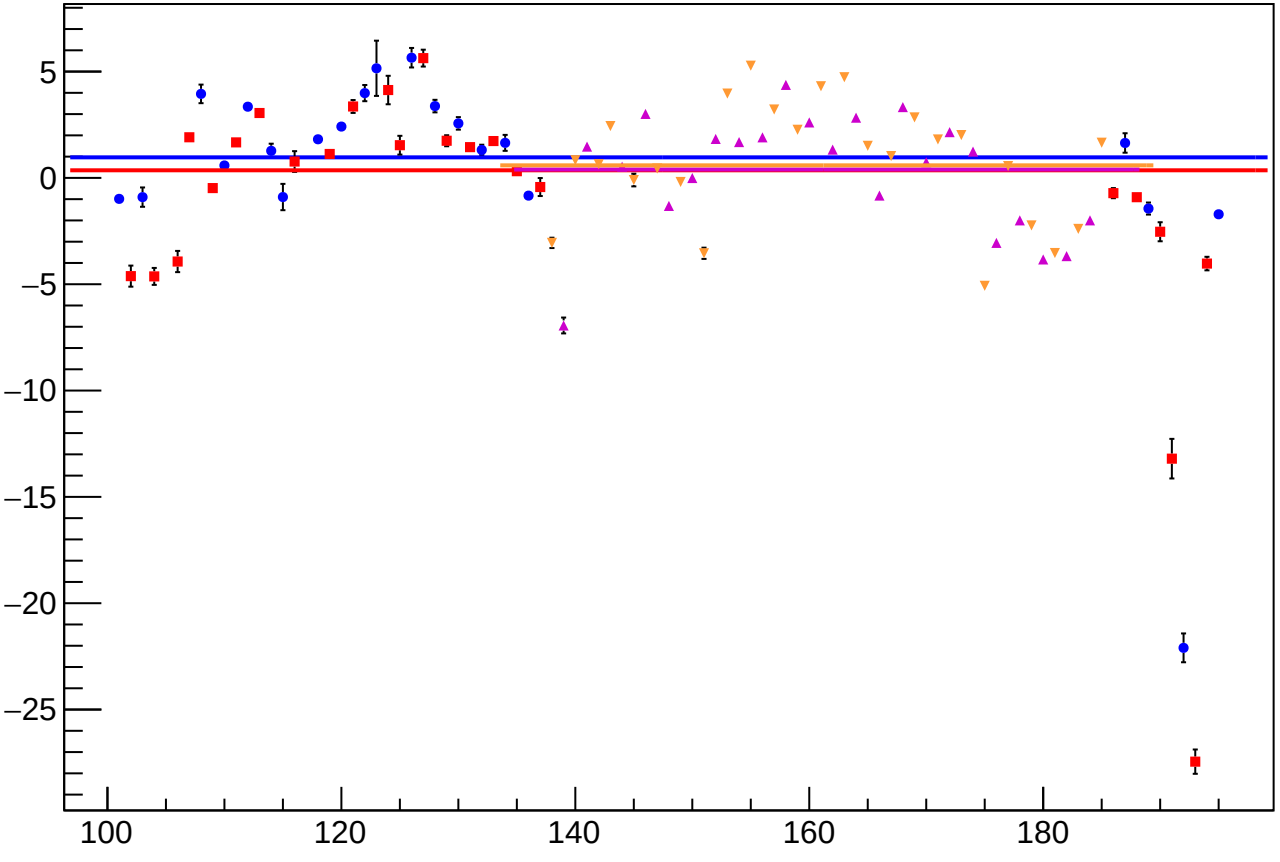
Right: 6.939+/-0.072 χ^2/NDF: 33847.7/9

In: -15.113+/-0.037 χ^2/NDF:91111.7/26

Out: -14.220+/-0.036 χ^2/NDF:177198.1/30

All: -14.656+/-0.026 χ^2/NDF: 268601.6/57

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.967+/-0.058 χ^2/NDF: 2144.2/20

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.357+/-0.053 χ^2/NDF: 3980.8/23

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

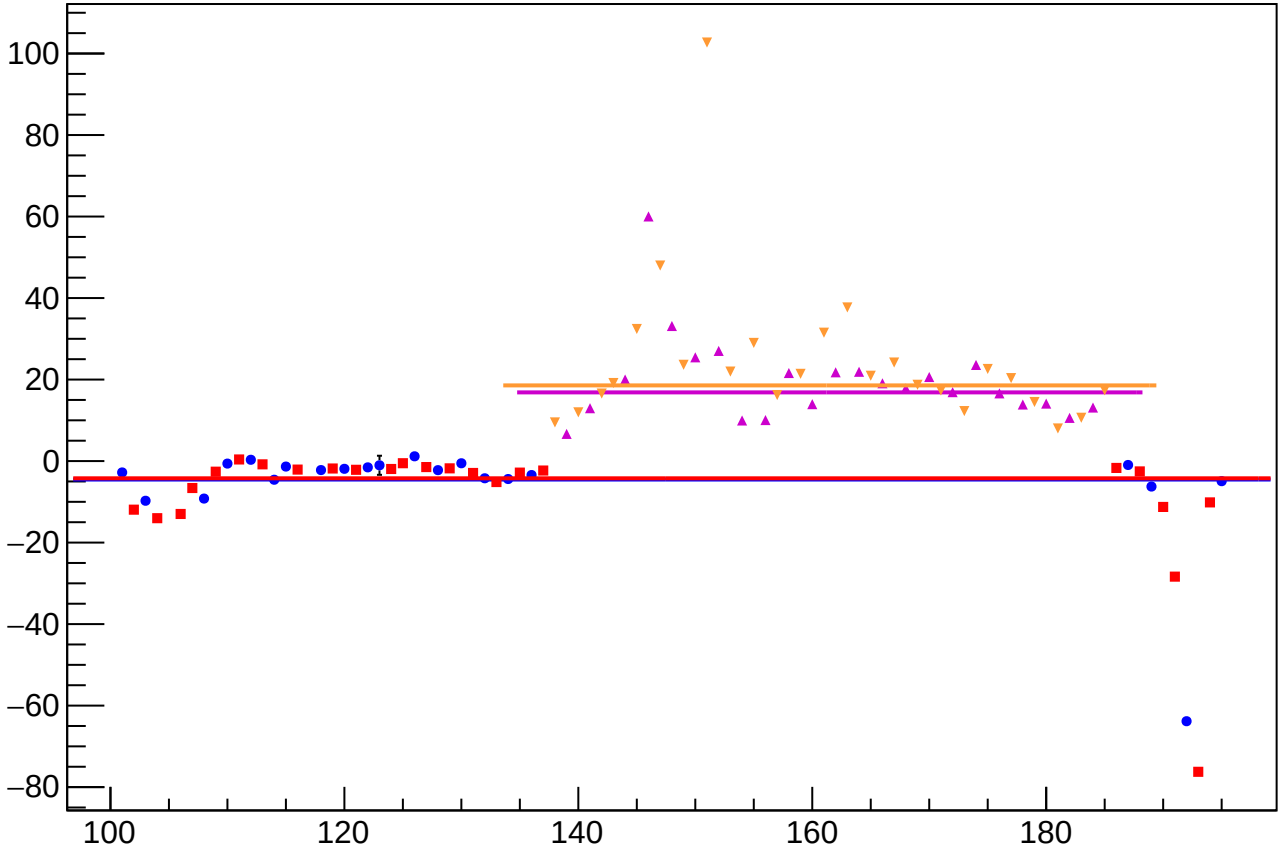
Right: 0.637+/-0.039 χ^2/NDF: 6184.6/44

In: 0.525+/-0.028 χ^2/NDF:8331.9/43

Out: 0.525+/-0.028 χ^2/NDF:10774.7/48

All: 0.525+/-0.020 χ^2/NDF: 19106.6/92

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.527+/-0.078 χ^2/NDF: 11615.6/20

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.229+/-0.059 χ^2/NDF: 25039.0/23

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

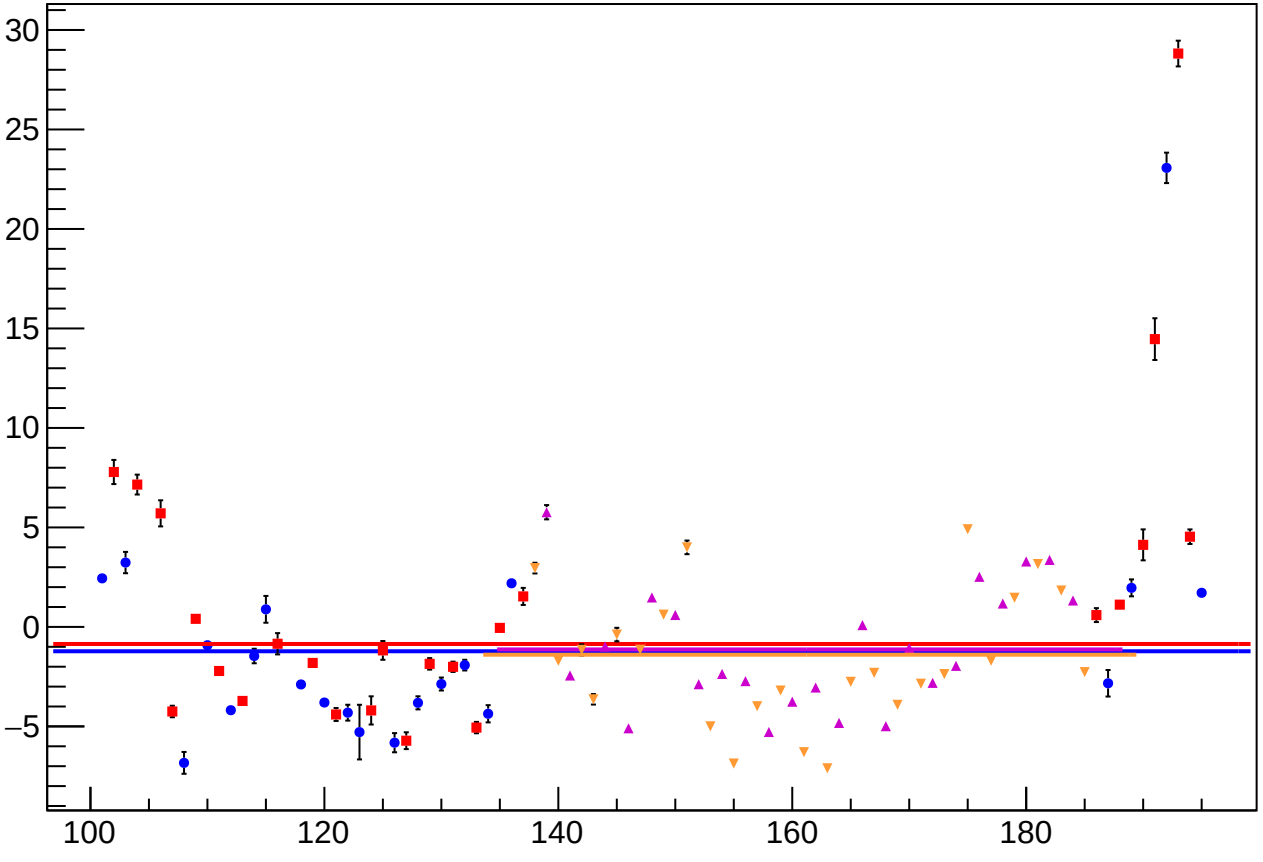
Right: -4.337+/-0.047 χ^2/NDF: 36663.8/44

In: 12.650+/-0.035 χ^2/NDF:112006.2/43

Out: 11.322+/-0.033 χ^2/NDF:202750.7/48

All: 11.958+/-0.024 χ^2/NDF: 315518.0/92

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.224+/-0.068 χ^2/NDF: 2550.2/20

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.858+/-0.063 χ^2/NDF: 4231.1/23

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

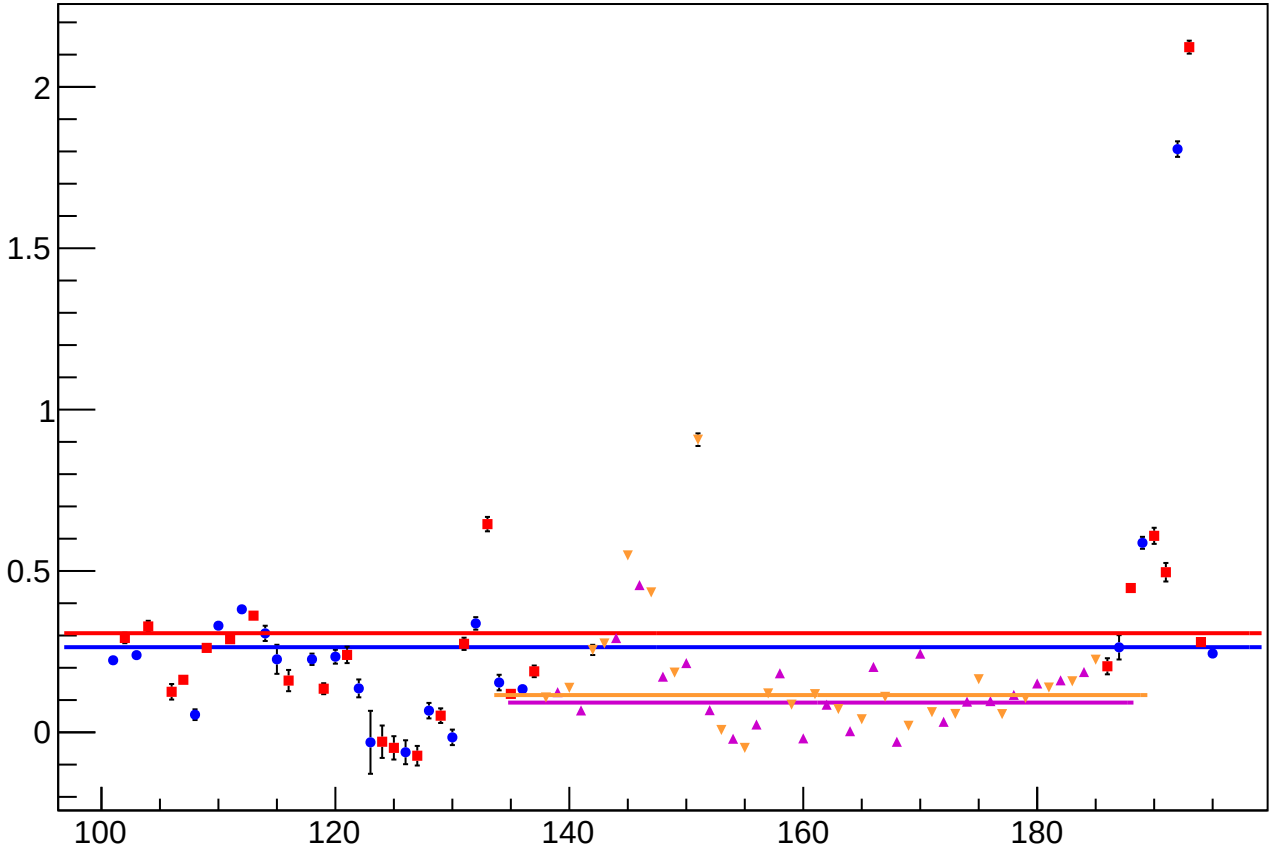
Right: -1.027+/-0.046 χ^2/NDF: 6797.0/44

In: -1.152+/-0.031 χ^2/NDF:9190.0/43

Out: -1.258+/-0.032 χ^2/NDF:11917.0/48

All: -1.204+/-0.022 χ^2/NDF: 21112.7/92

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.264+/-0.004 χ^2/NDF: 5239.1/20

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.307+/-0.003 χ^2/NDF: 10046.1/23

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.287+/-0.002 χ^2/NDF: 15364.2/44

In: 0.120+/-0.001 χ^2/NDF:10850.1/43

Out: 0.153+/-0.001 χ^2/NDF:17103.5/48

All: 0.136+/-0.001 χ^2/NDF: 28217.9/92