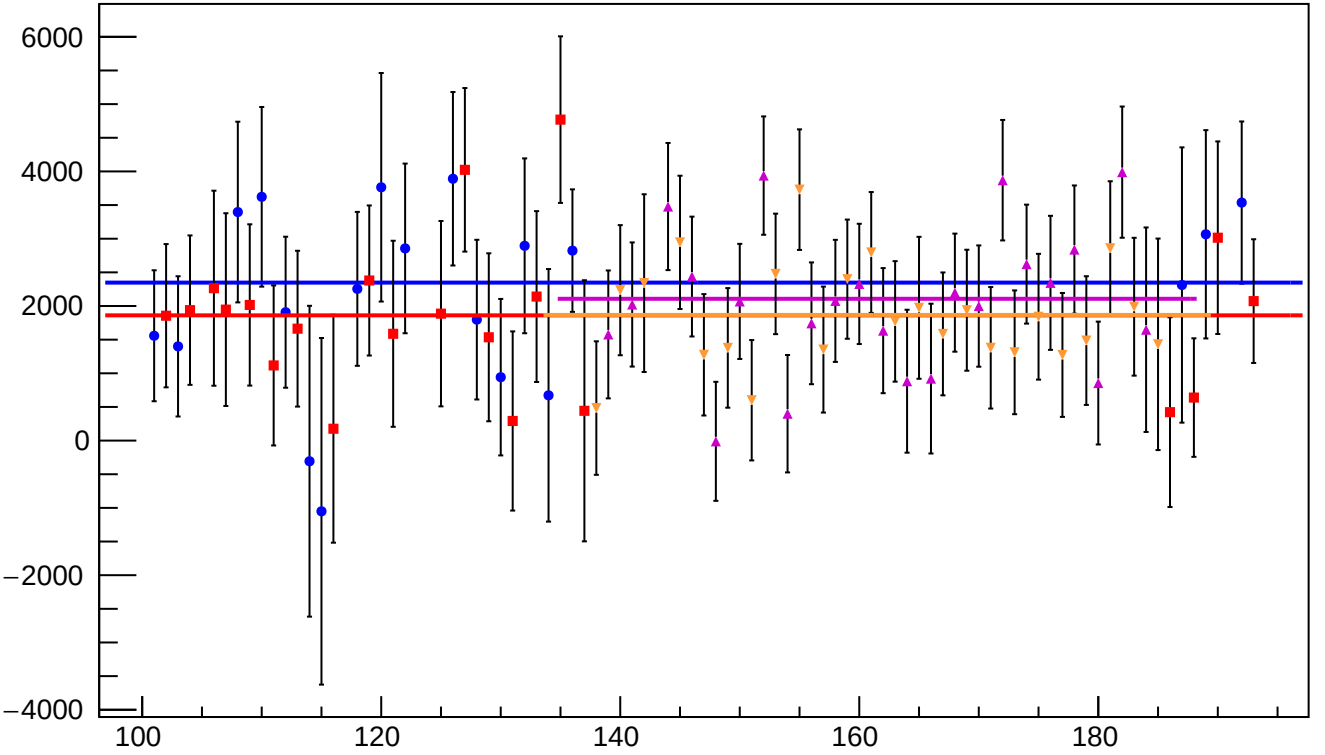
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2347.792+/-295.579 χ^2/NDF: 12.6/18

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

Right Out: 1861.294+/-268.245 χ^2/NDF: 16.2/20

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

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

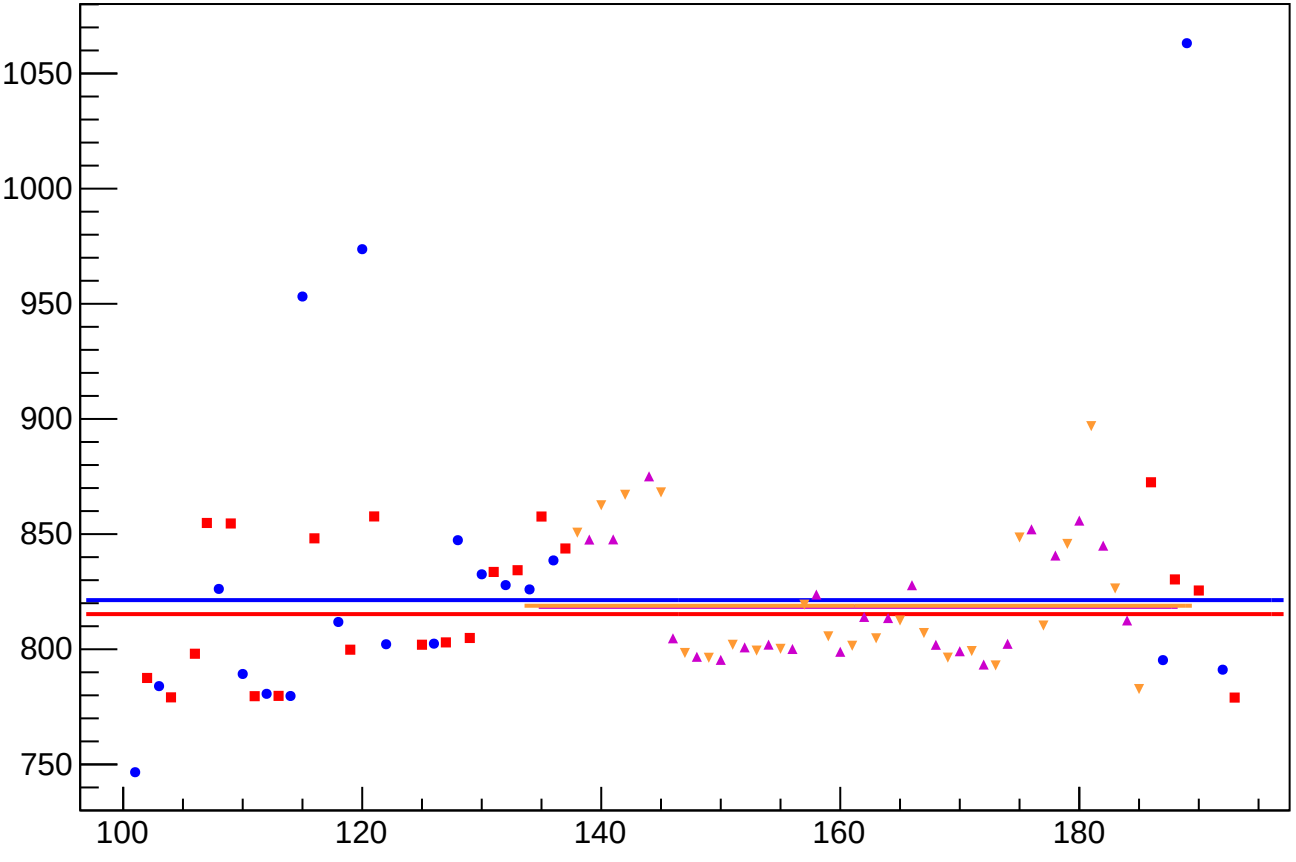
Right: 2081.012+/-198.640 χ^2/NDF: 30.3/39

In: 2180.170+/-162.746 χ^2/NDF:43.1/41

Out: 1865.365+/-157.623 χ^2/NDF:31.3/44

All: 2017.734+/-113.224 χ^2/NDF: 76.3/86

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 821.341+/-0.209 χ^2/NDF: 93533.4/18

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

Right Out: 815.266+/-0.190 χ^2/NDF: 25369.6/20

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

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

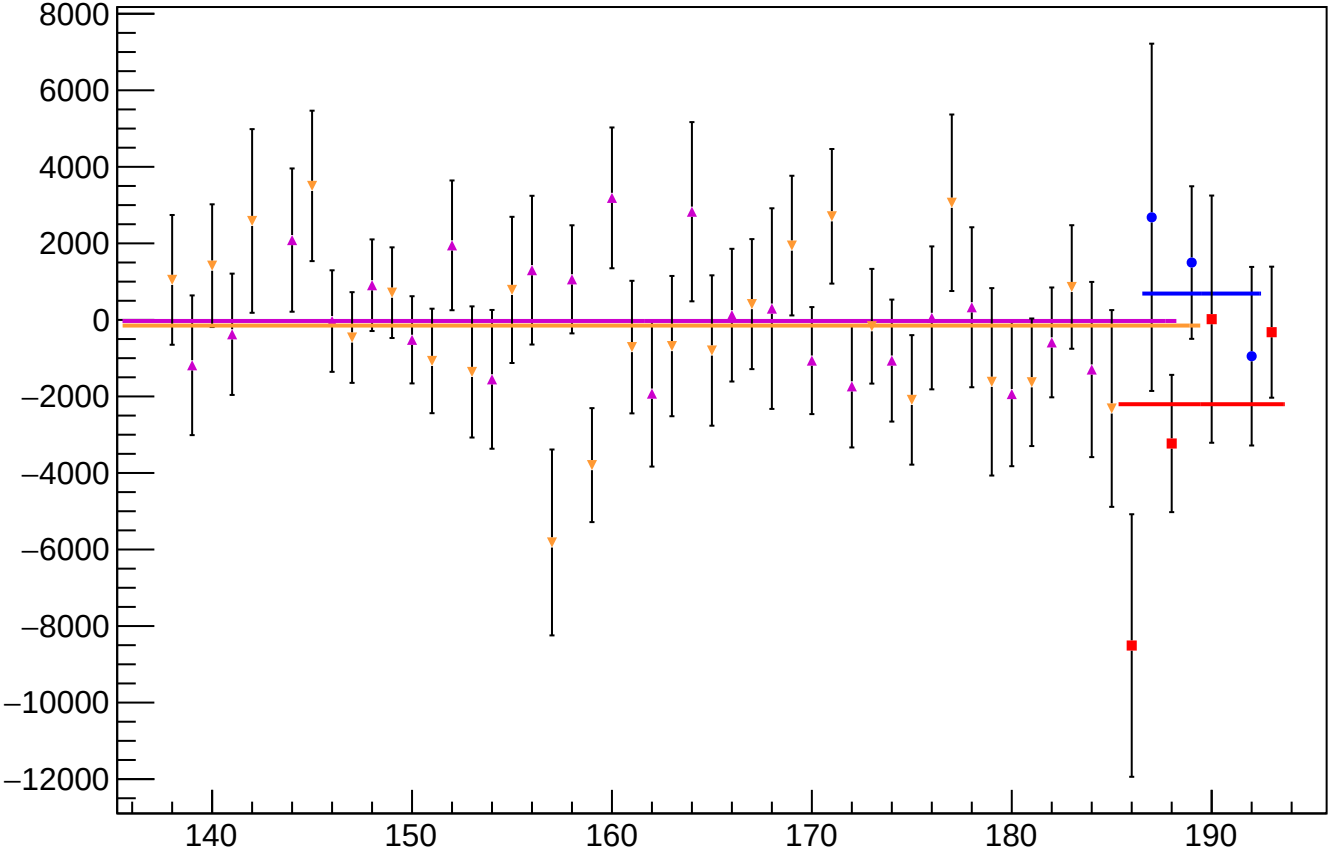
Right: 818.010+/-0.140 χ^2/NDF: 119366.4/39

In: 819.294+/-0.115 χ^2/NDF:123578.1/41

Out: 817.645+/-0.111 χ^2/NDF:67280.9/44

All: 818.443+/-0.080 χ^2/NDF: 190964.9/86

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 688.257+/-1437.760 χ^2/NDF: 0.9/2

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

Right Out: -2203.086+/-1095.760 χ^2/NDF: 5.4/3

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

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

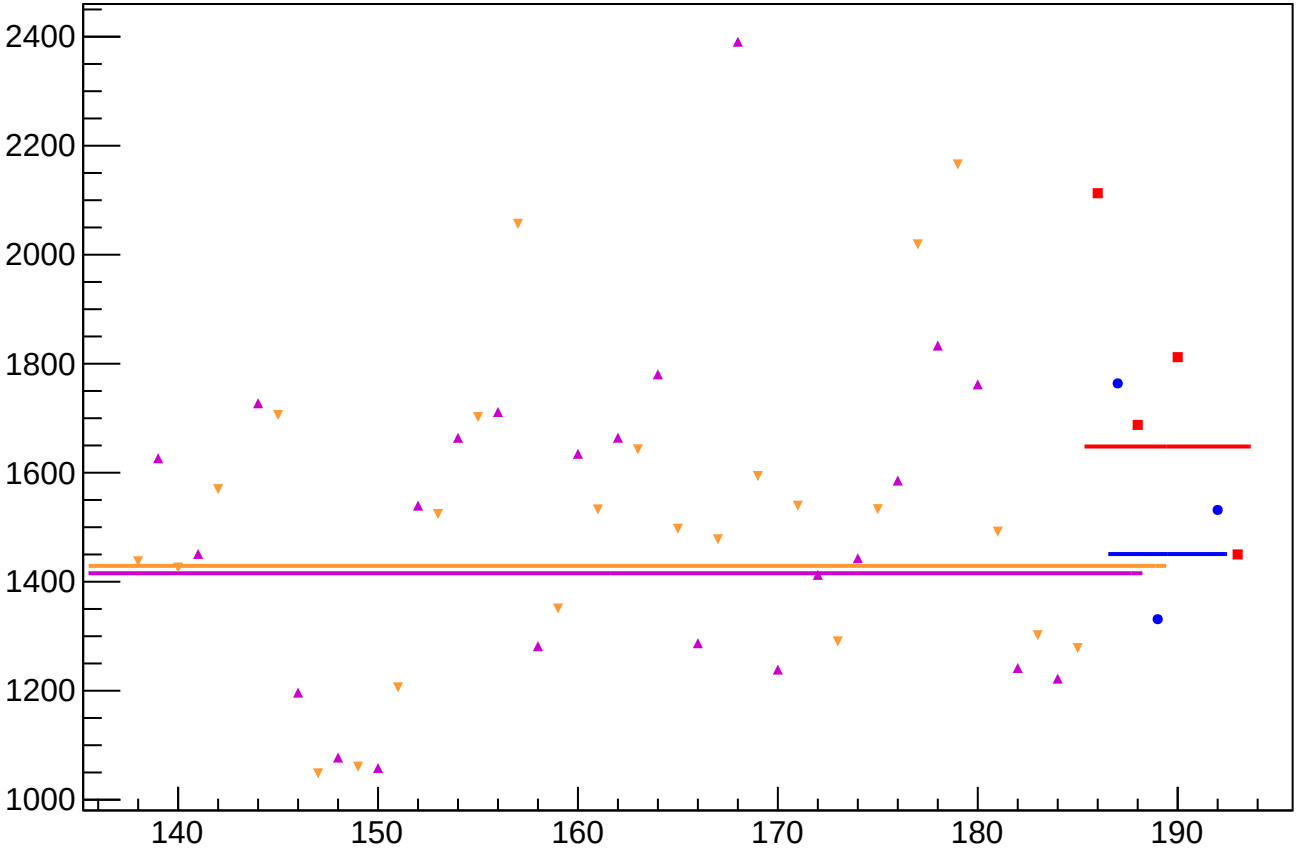
Right: -1140.733+/-871.507 χ^2/NDF: 8.8/6

In: 11.094+/-334.768 χ^2/NDF:15.9/25

Out: -335.920+/-331.459 χ^2/NDF:37.9/27

All: -164.137+/-235.538 χ^2/NDF: 54.3/53

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1450.785+/-1.017 χ^2/NDF: 19112.3/2

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

Right Out: 1648.080+/-0.775 χ^2/NDF: 69590.7/3

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

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

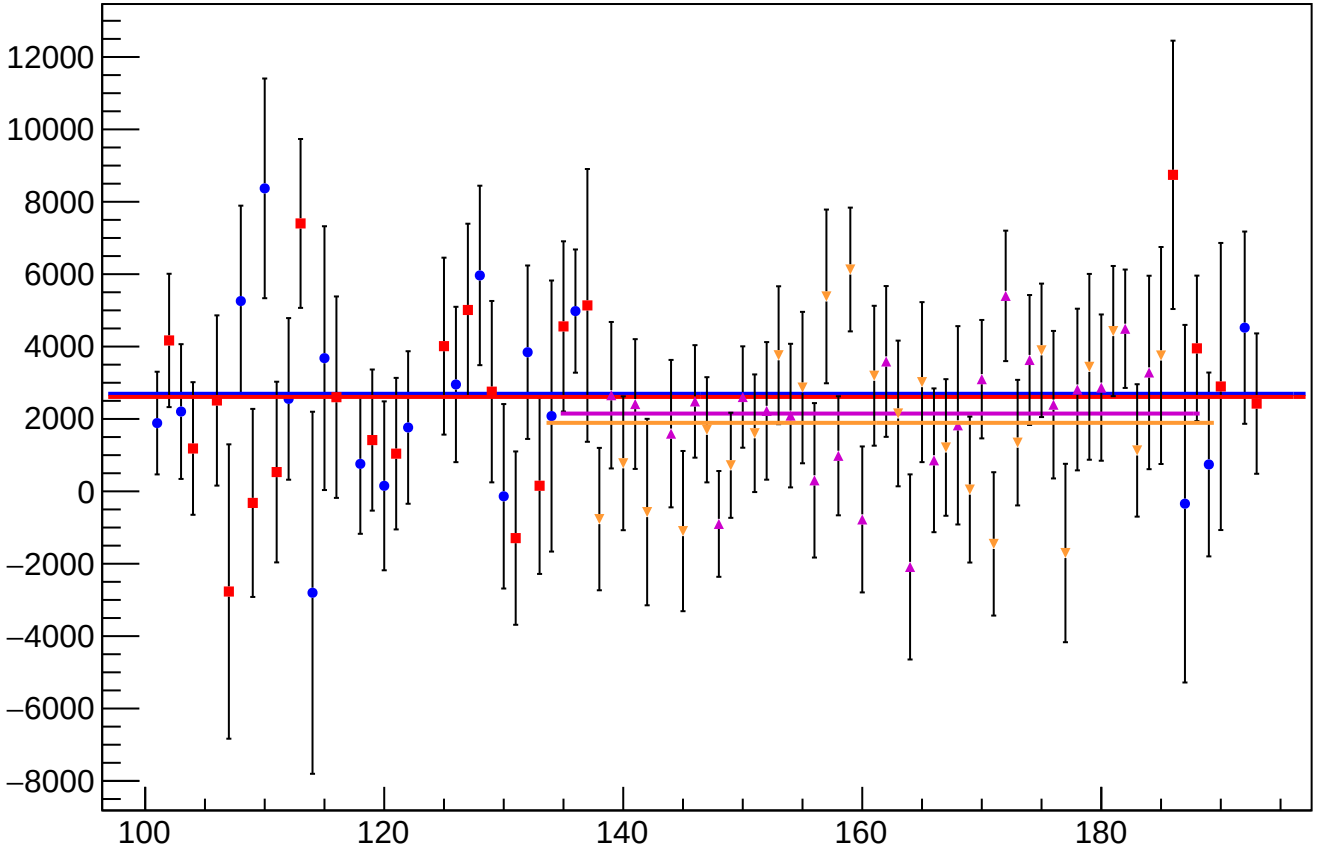
Right: 1575.589+/-0.616 χ^2/NDF: 112526.2/6

In: 1417.465+/-0.237 χ^2/NDF:1265851.5/25

Out: 1449.105+/-0.234 χ^2/NDF:1249129.5/27

All: 1433.442+/-0.167 χ^2/NDF: 2524002.5/53

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2695.444+/-535.033 χ^2/NDF: 15.0/18

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

Right Out: 2608.492+/-520.307 χ^2/NDF: 19.5/20

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

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

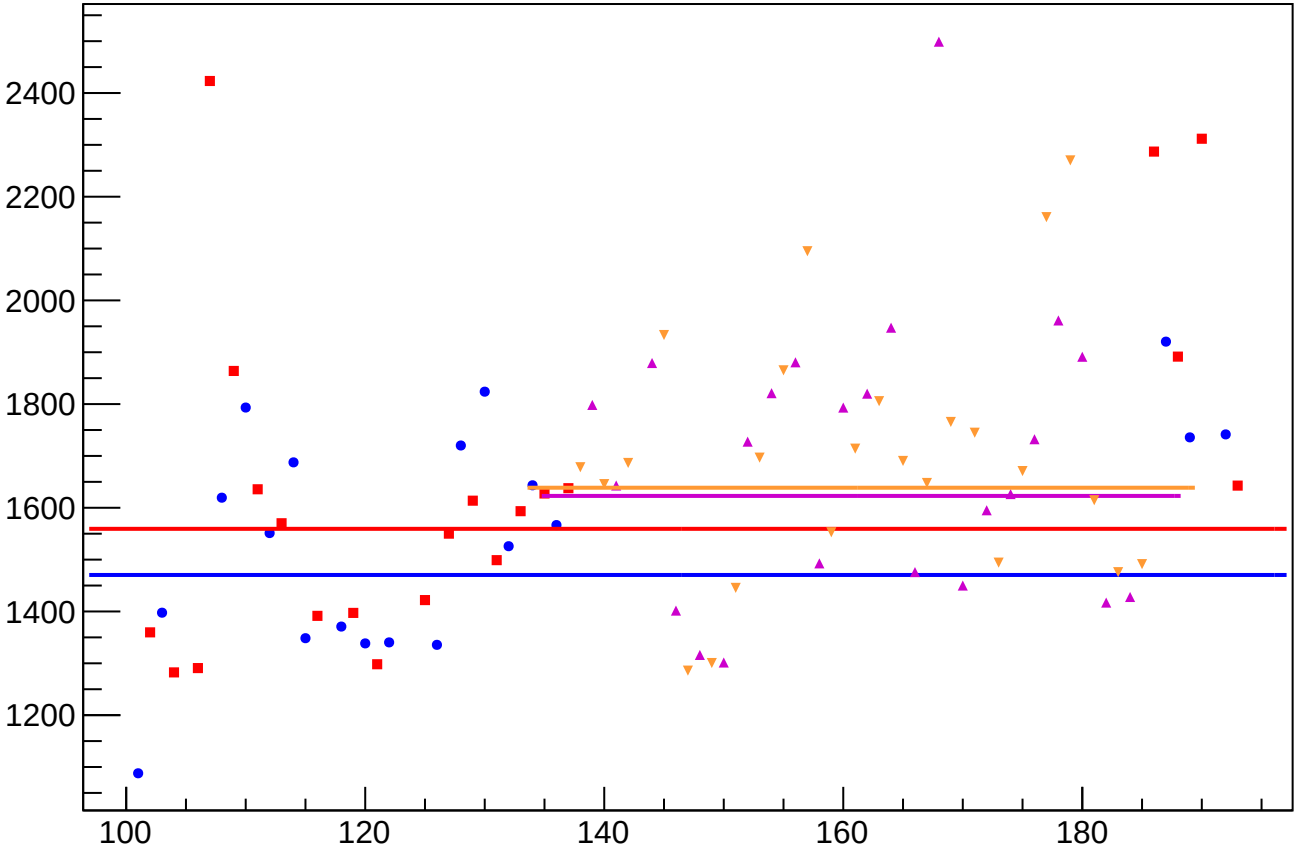
Right: 2650.755+/-373.010 χ^2/NDF: 34.6/39

In: 2339.604+/-316.062 χ^2/NDF:34.1/41

Out: 2154.116+/-314.508 χ^2/NDF:46.7/44

All: 2246.403+/-222.938 χ^2/NDF: 81.0/86

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1470.399+/-0.378 χ^2/NDF: 343240.2/18

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

Right Out: 1559.389+/-0.368 χ^2/NDF: 486115.8/20

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

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

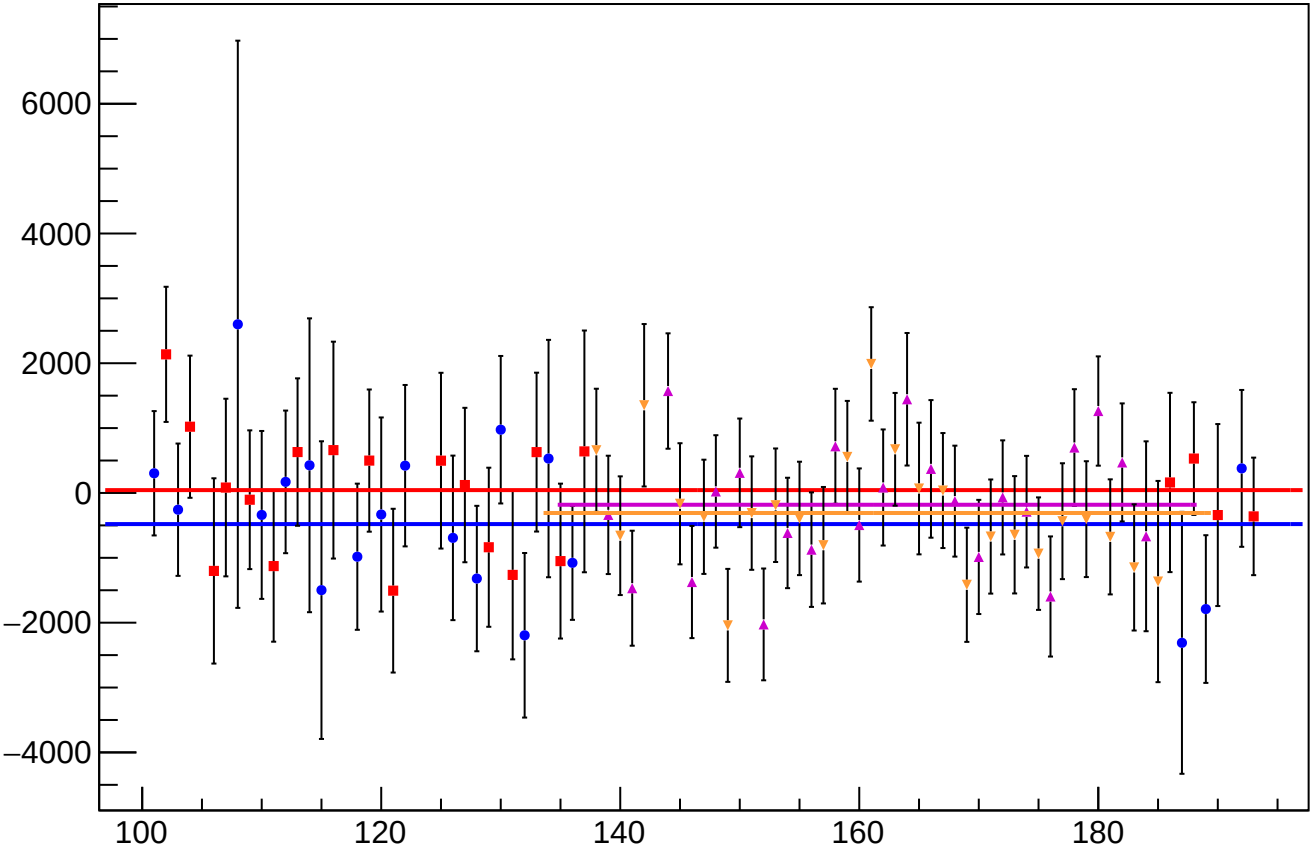
Right: 1516.136+/-0.264 χ^2/NDF: 857792.1/39

In: 1569.667+/-0.223 χ^2/NDF:1229512.2/41

Out: 1609.708+/-0.222 χ^2/NDF:1187574.5/44

All: 1589.786+/-0.158 χ^2/NDF: 2433215.7/86

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -479.917+/-289.925 χ^2/NDF: 10.1/18

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

Right Out: 43.841+/-260.674 χ^2/NDF: 12.1/20

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

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

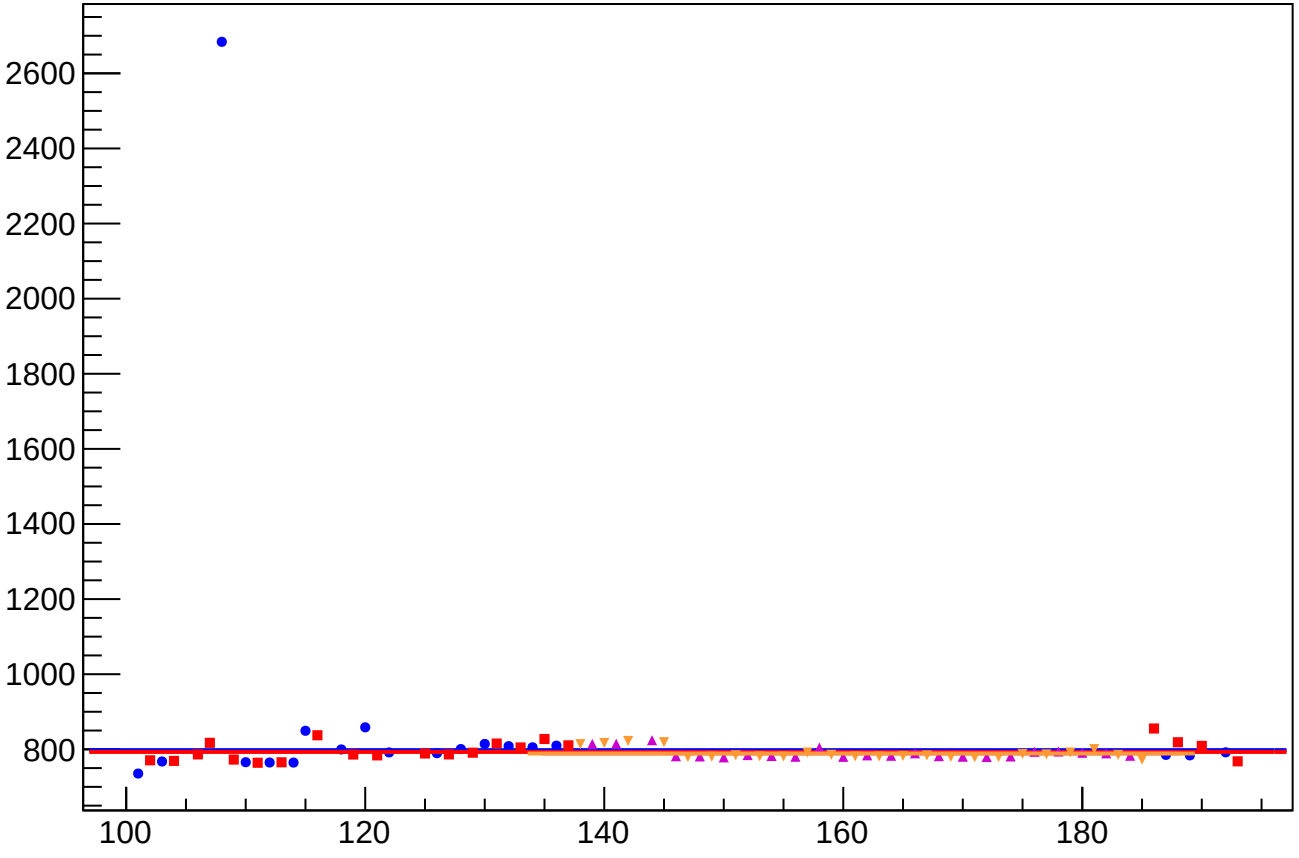
Right: -190.291+/-193.843 χ^2/NDF: 24.1/39

In: -270.132+/-157.701 χ^2/NDF:36.4/41

Out: -188.617+/-152.186 χ^2/NDF:33.9/44

All: -227.925+/-109.510 χ^2/NDF: 70.5/86

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 797.794+/-0.205 χ^2/NDF: 391669.5/18

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

Right Out: 793.038+/-0.184 χ^2/NDF: 17592.2/20

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

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

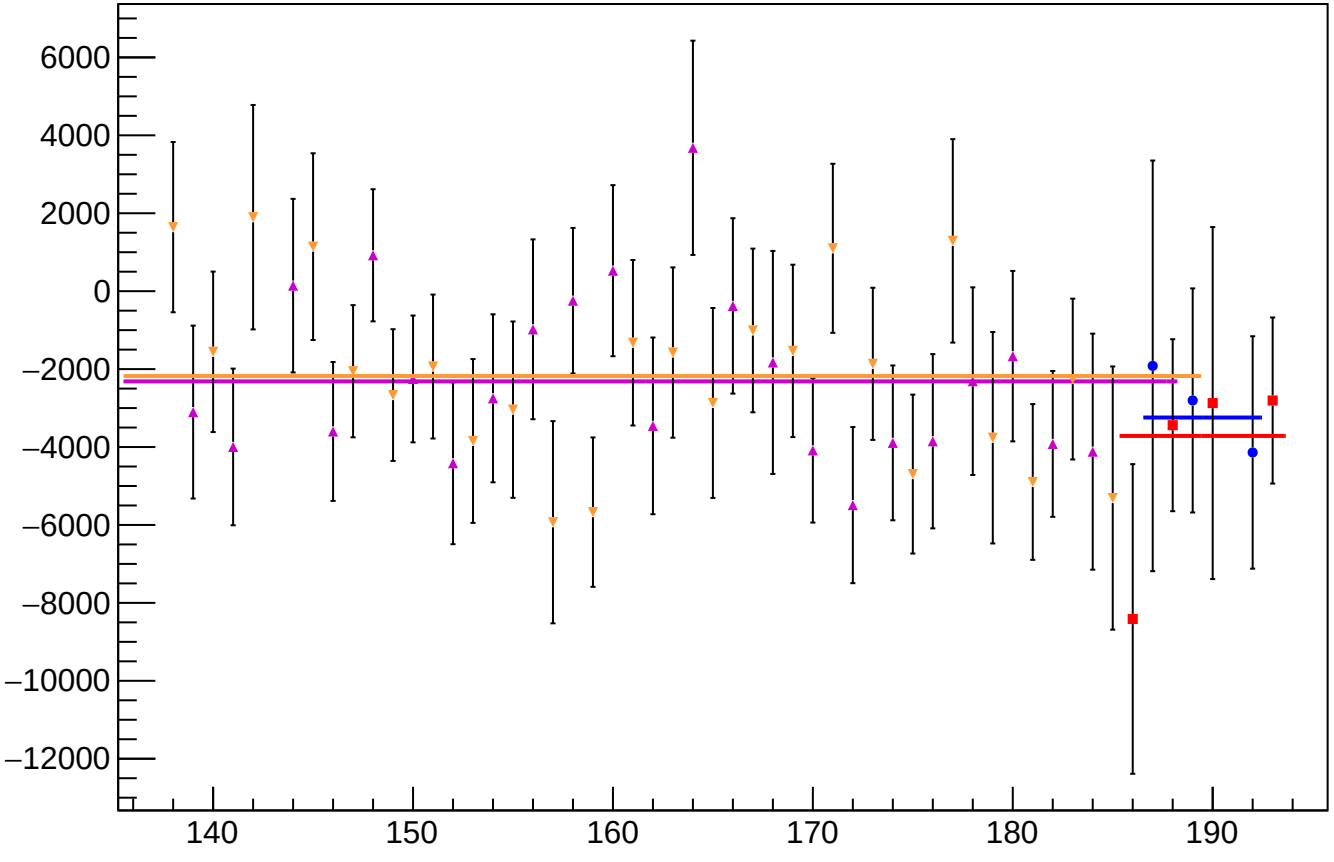
Right: 795.164+/-0.137 χ^2/NDF: 409559.3/39

In: 791.888+/-0.112 χ^2/NDF:402067.3/41

Out: 790.301+/-0.108 χ^2/NDF:27269.0/44

All: 791.066+/-0.077 χ^2/NDF: 429441.1/86

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3242.935+/-1926.759 χ^2/NDF: 0.2/2

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

Right Out: -3714.571+/-1363.727 χ^2/NDF: 1.6/3

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

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

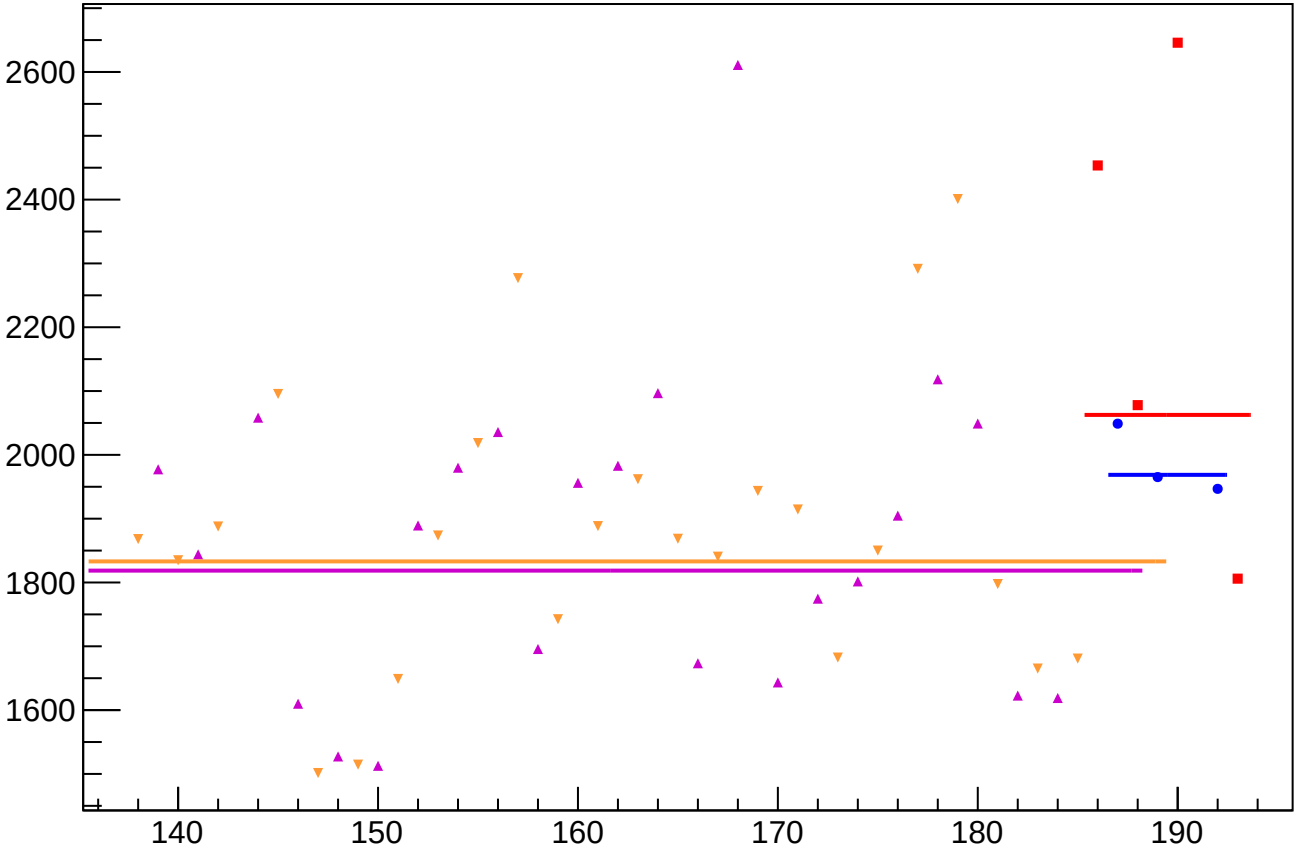
Right: -3557.159+/-1113.123 χ^2/NDF: 1.8/6

In: -2360.560+/-426.179 χ^2/NDF:22.4/25

Out: -2323.096+/-418.452 χ^2/NDF:25.5/27

All: -2341.485+/-298.584 χ^2/NDF: 47.9/53

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1968.681+/-1.362 χ^2/NDF: 574.3/2

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

Right Out: 2062.604+/-0.964 χ^2/NDF: 81774.2/3

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

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

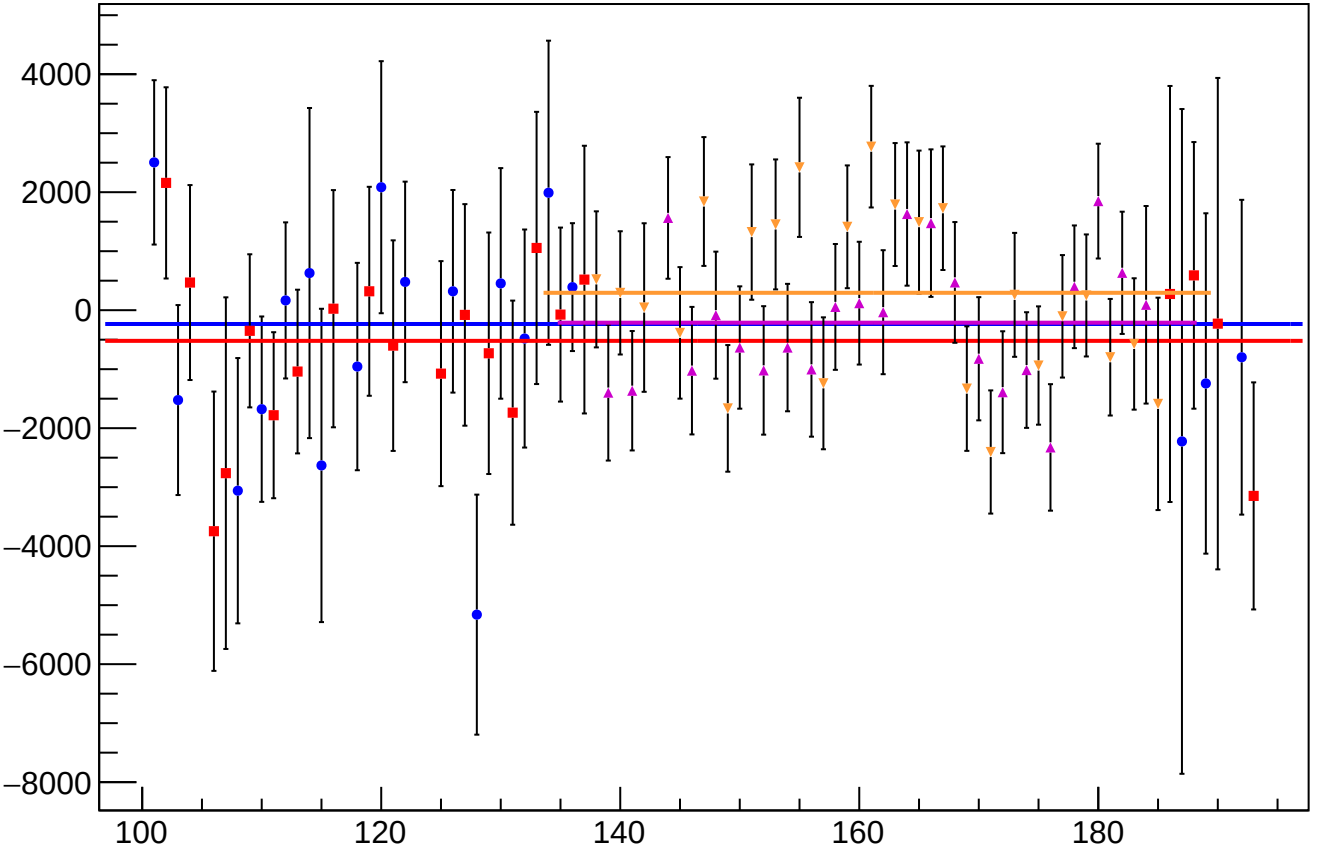
Right: 2031.256+/-0.787 χ^2/NDF: 85514.8/6

In: 1825.937+/-0.301 χ^2/NDF:548942.8/25

Out: 1854.643+/-0.296 χ^2/NDF:598584.4/27

All: 1840.553+/-0.211 χ^2/NDF: 1152147.0/53

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -234.023+/-420.216 χ^2/NDF: 16.9/18

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

Right Out: -519.907+/-406.308 χ^2/NDF: 10.3/20

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

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

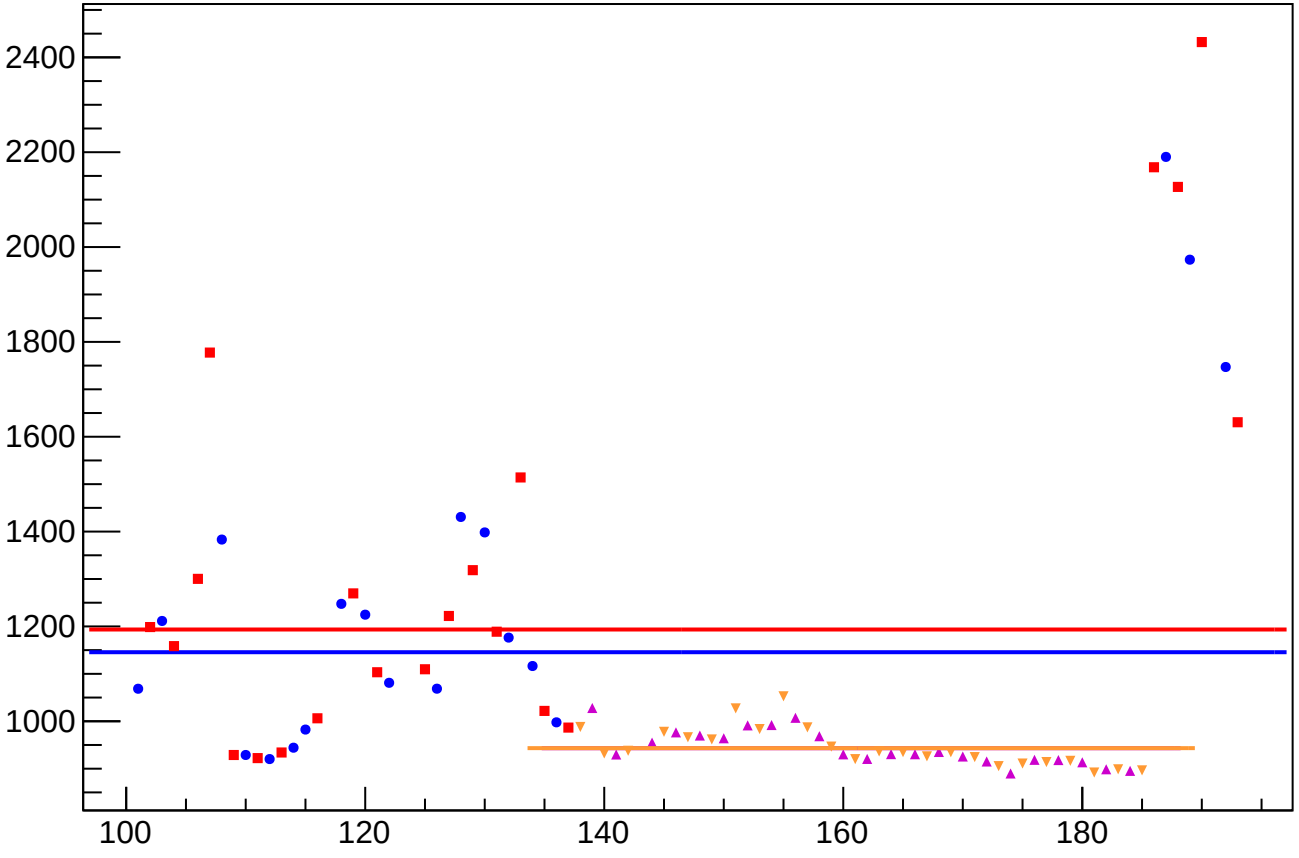
Right: -381.774+/-292.096 χ^2/NDF: 27.4/39

In: -216.959+/-198.151 χ^2/NDF:40.7/41

Out: 104.337+/-196.395 χ^2/NDF:51.6/44

All: -54.882+/-139.489 χ^2/NDF: 93.7/86

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1145.617+/-0.297 χ^2/NDF: 607954.5/18

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

Right Out: 1193.502+/-0.287 χ^2/NDF: 1203601.6/20

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

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

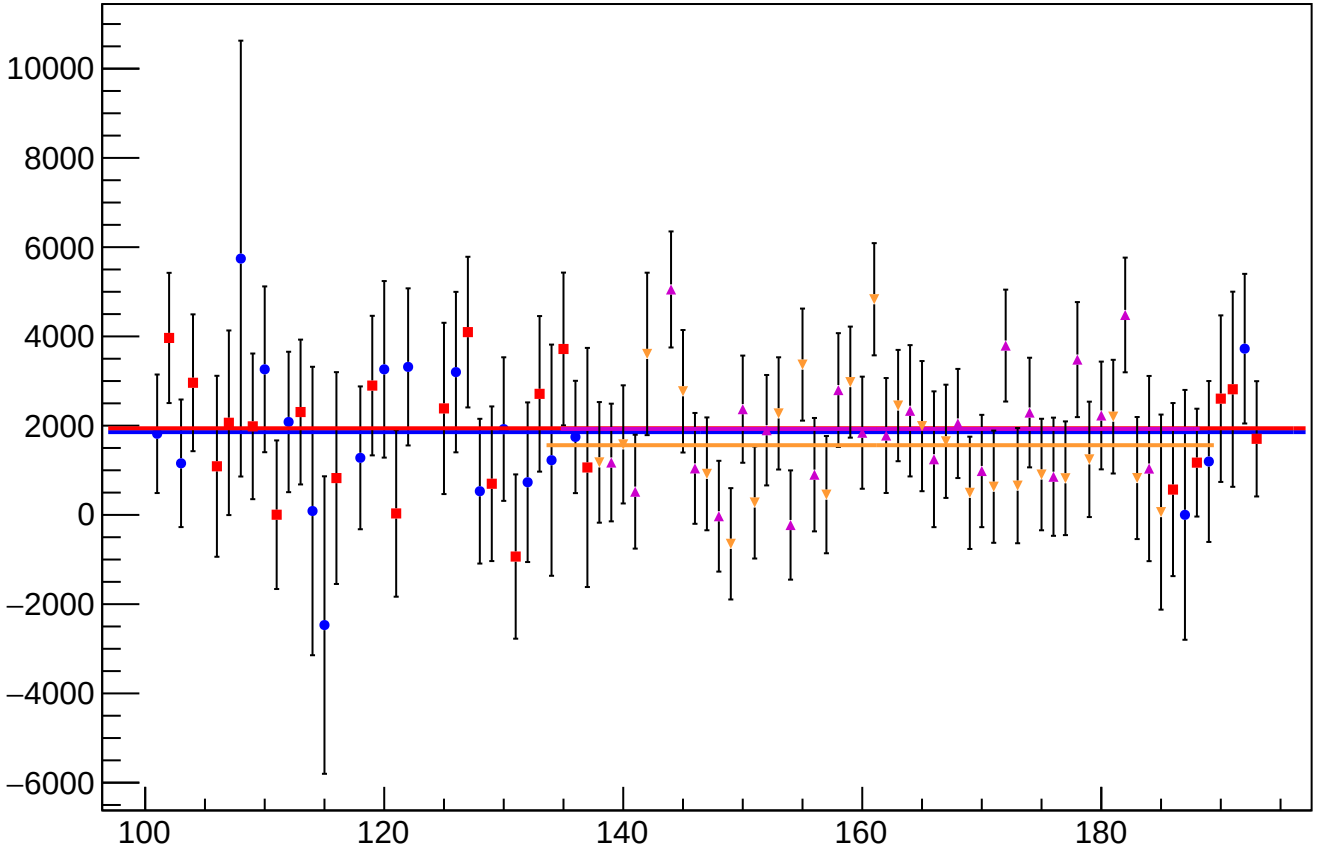
Right: 1170.365+/-0.207 χ^2/NDF: 1824978.1/39

In: 988.159+/-0.140 χ^2/NDF:1019008.3/41

Out: 1001.779+/-0.139 χ^2/NDF:1845092.9/44

All: 995.029+/-0.099 χ^2/NDF: 2868867.4/86

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1855.279+/-411.474 χ^2/NDF: 8.3/18

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

Right Out: 1941.278+/-365.925 χ^2/NDF: 12.8/21

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

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

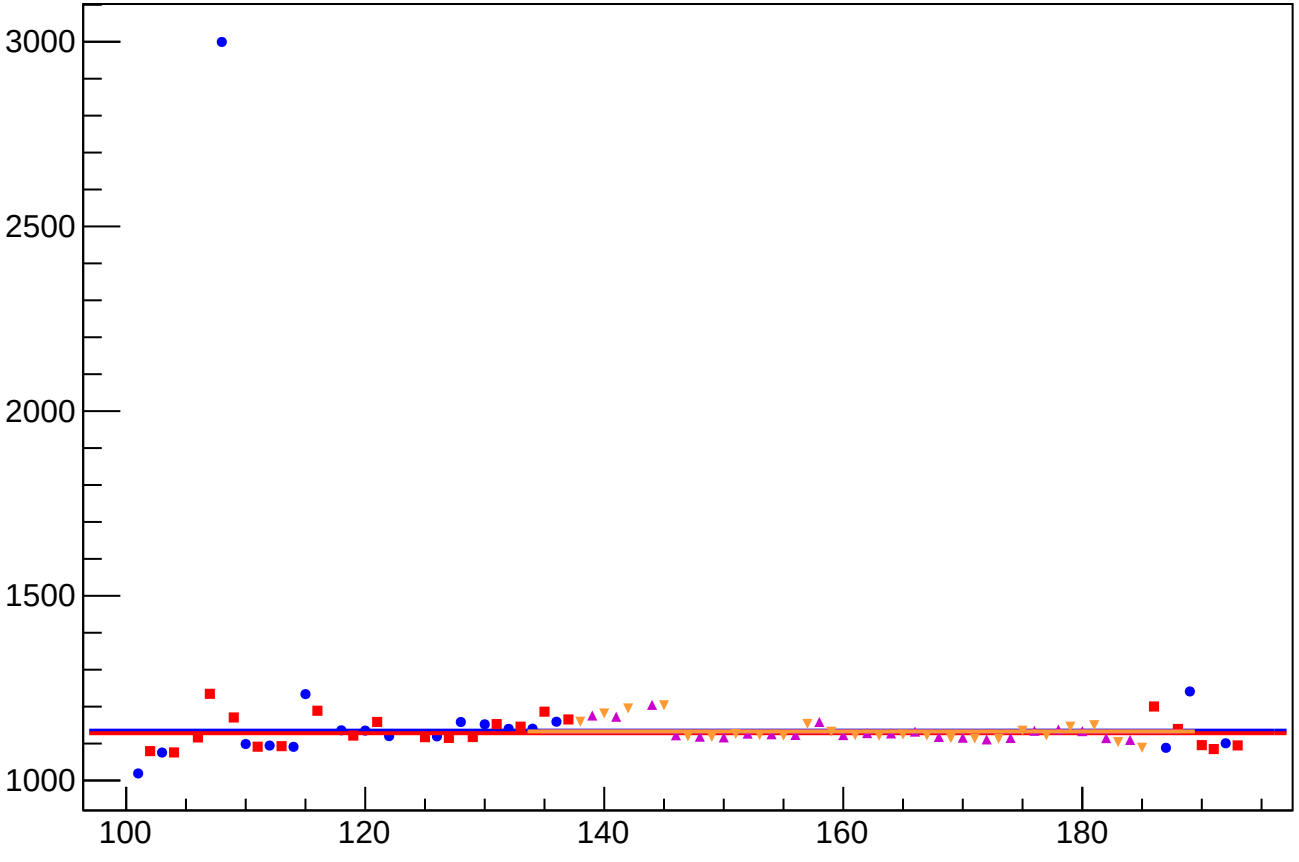
Right: 1903.300+/-273.439 χ^2/NDF: 21.1/40

In: 1905.401+/-225.546 χ^2/NDF:32.4/41

Out: 1695.292+/-216.880 χ^2/NDF:35.3/45

All: 1796.233+/-156.331 χ^2/NDF: 68.2/87

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1134.924+/-0.291 χ^2/NDF: 324424.3/18

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

Right Out: 1128.034+/-0.259 χ^2/NDF: 24197.9/21

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

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

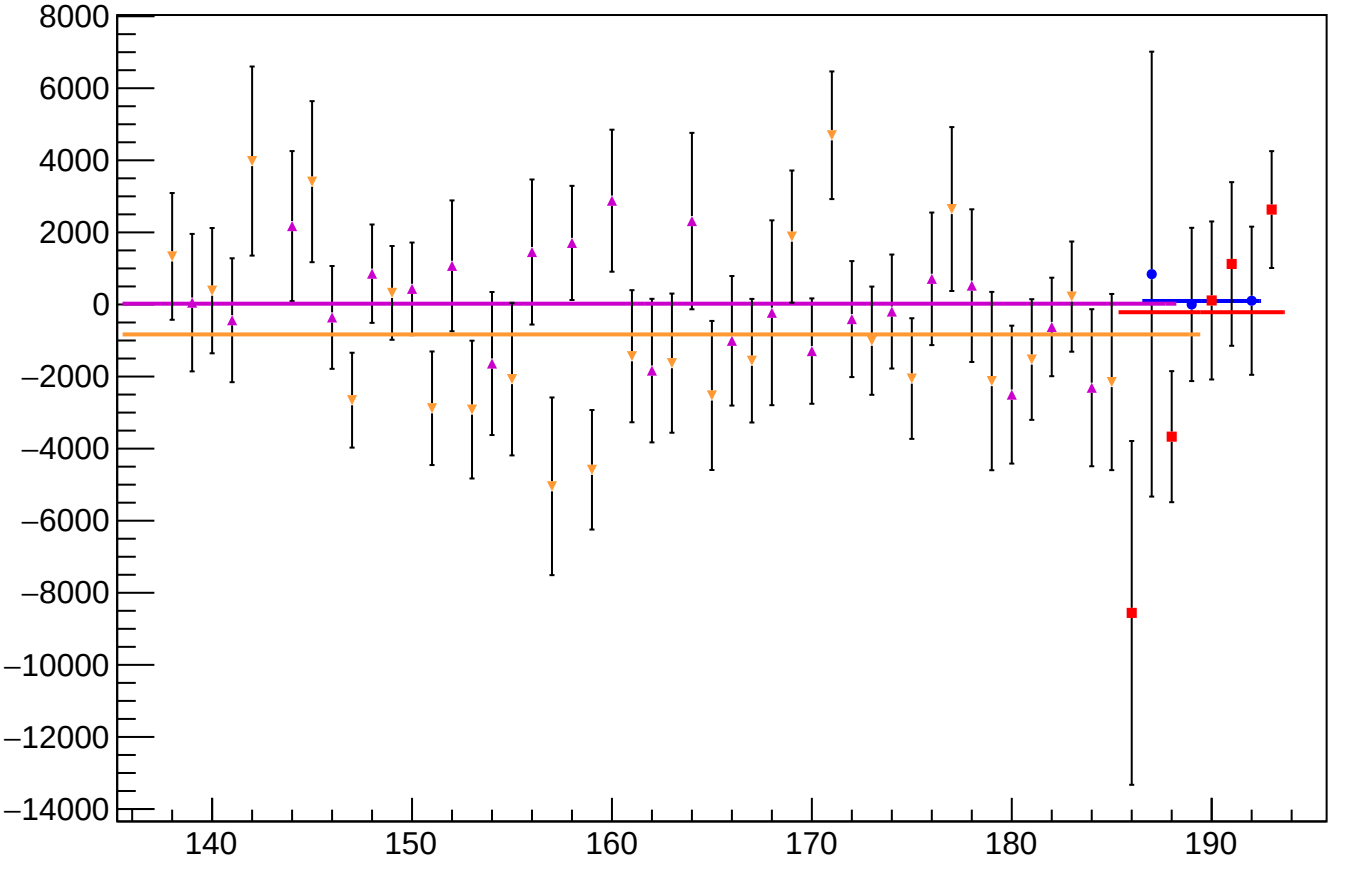
Right: 1131.077+/-0.193 χ^2/NDF: 348935.4/40

In: 1133.277+/-0.159 χ^2/NDF:338994.9/41

Out: 1131.179+/-0.153 χ^2/NDF:41212.4/45

All: 1132.187+/-0.111 χ^2/NDF: 380297.3/87

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 96.501+/-1437.230 χ^2/NDF: 0.0/2

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

Right Out: -214.994+/-941.110 χ^2/NDF: 10.1/4

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

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

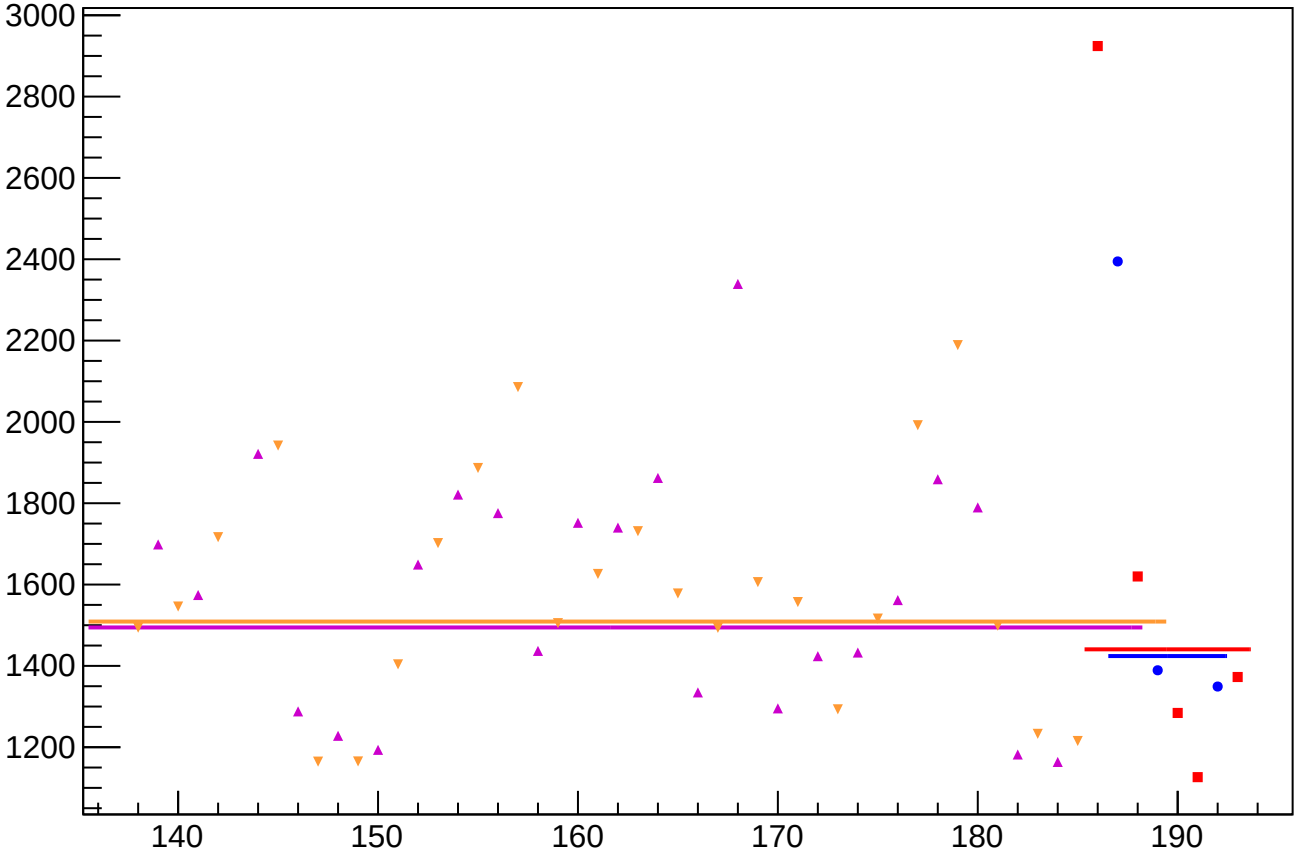
Right: -121.515+/-787.333 χ^2/NDF: 10.2/7

In: 25.909+/-351.470 χ^2/NDF:12.8/25

Out: -749.976+/-341.182 χ^2/NDF:50.6/28

All: -373.555+/-244.808 χ^2/NDF: 65.9/54

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1424.165+/-1.016 χ^2/NDF: 52635.0/2

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

Right Out: 1440.691+/-0.665 χ^2/NDF: 264970.6/4

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

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

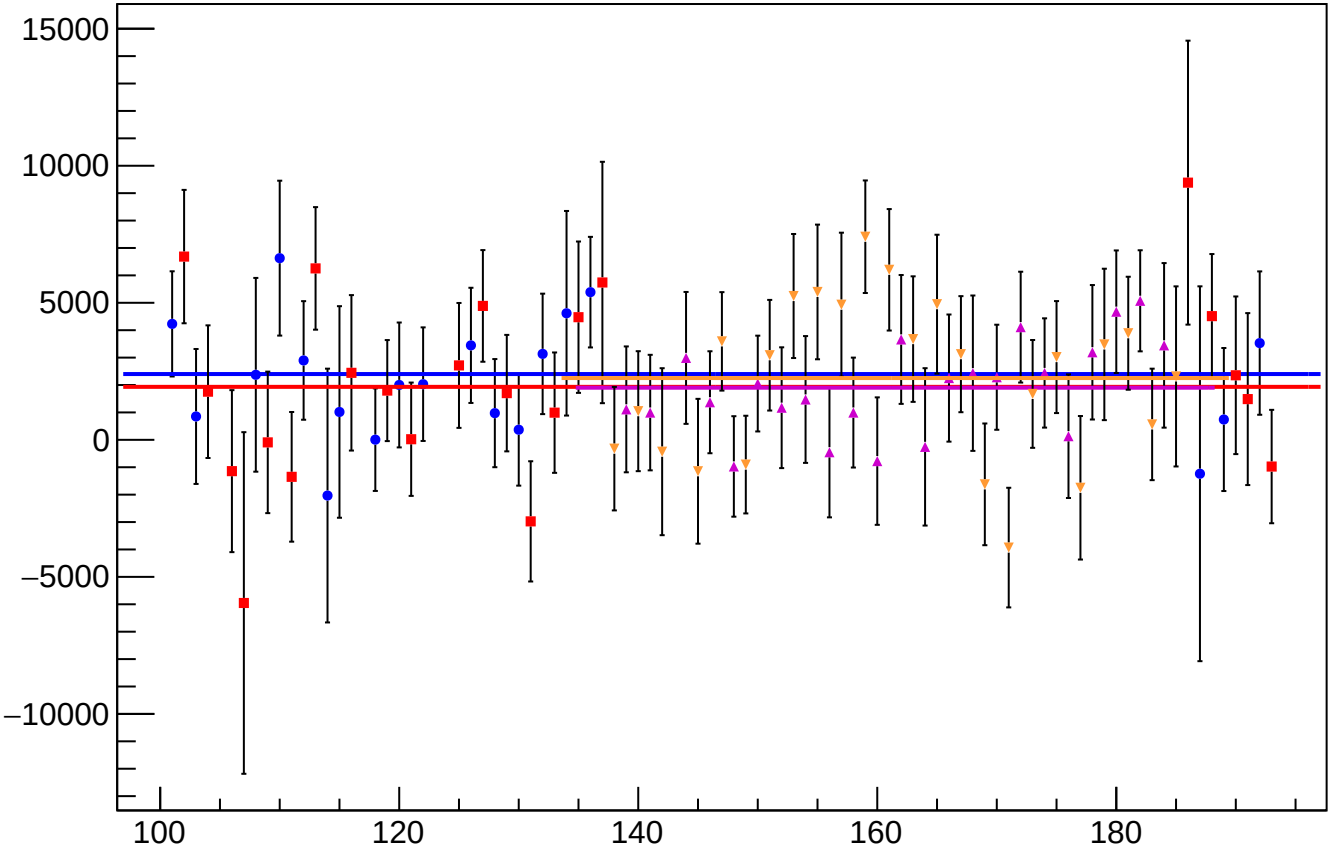
Right: 1435.732+/-0.557 χ^2/NDF: 317790.7/7

In: 1490.300+/-0.249 χ^2/NDF:1153419.7/25

Out: 1500.016+/-0.241 χ^2/NDF:1262793.7/28

All: 1495.302+/-0.173 χ^2/NDF: 2417000.2/54

asym_usl_mean vs Slug, Sign Corrected



Right In: 2400.284+/-555.261 χ^2/NDF: 11.6/18

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

Right Out: 1933.133+/-526.836 χ^2/NDF: 28.1/21

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

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

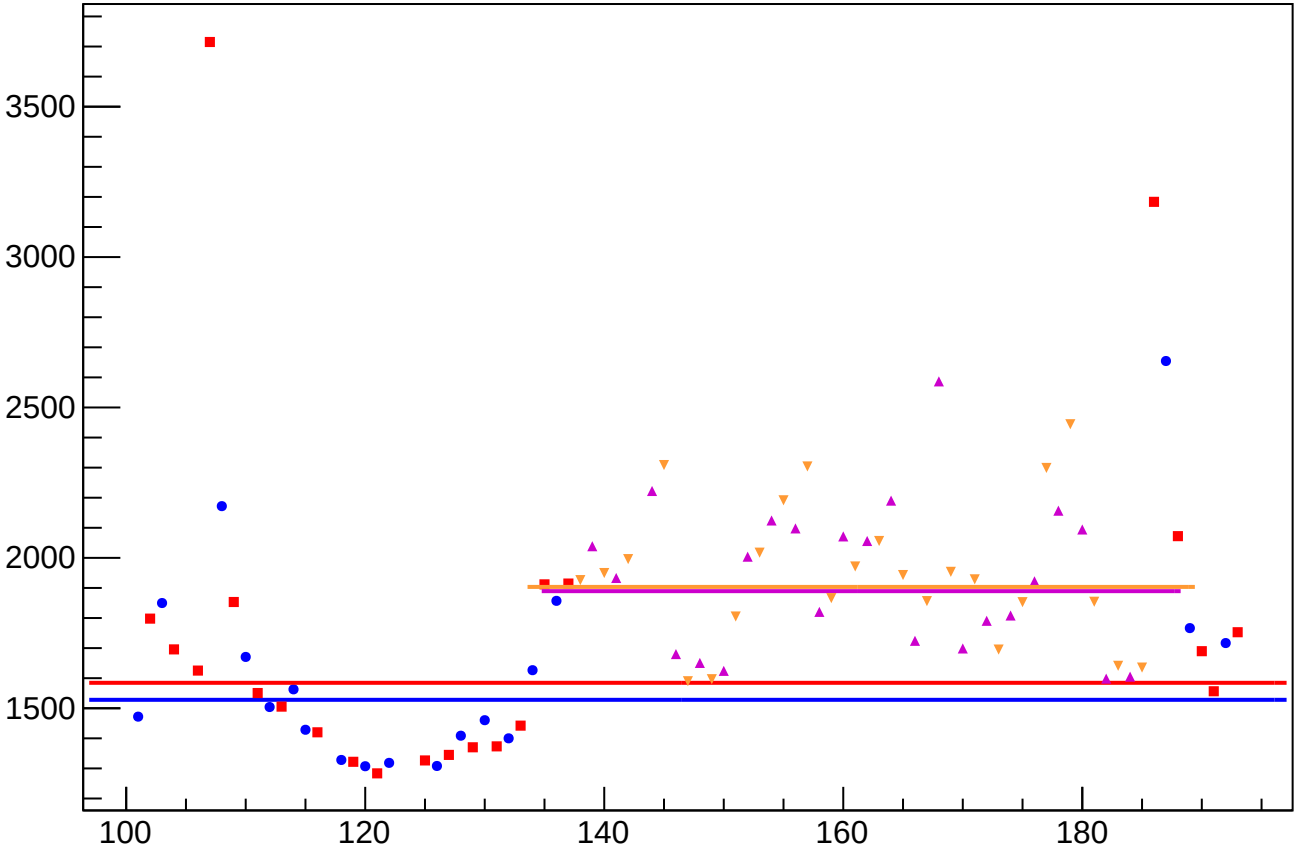
Right: 2154.446+/-382.183 χ^2/NDF: 40.1/40

In: 2101.461+/-351.415 χ^2/NDF:26.0/41

Out: 2116.427+/-344.954 χ^2/NDF:67.0/45

All: 2109.083+/-246.172 χ^2/NDF: 92.9/87

asym_usl_rms vs Slug, Sign Corrected



Right In: 1528.085+/-0.393 χ^2/NDF: 345322.6/18

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

Right Out: 1584.632+/-0.373 χ^2/NDF: 807300.7/21

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

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

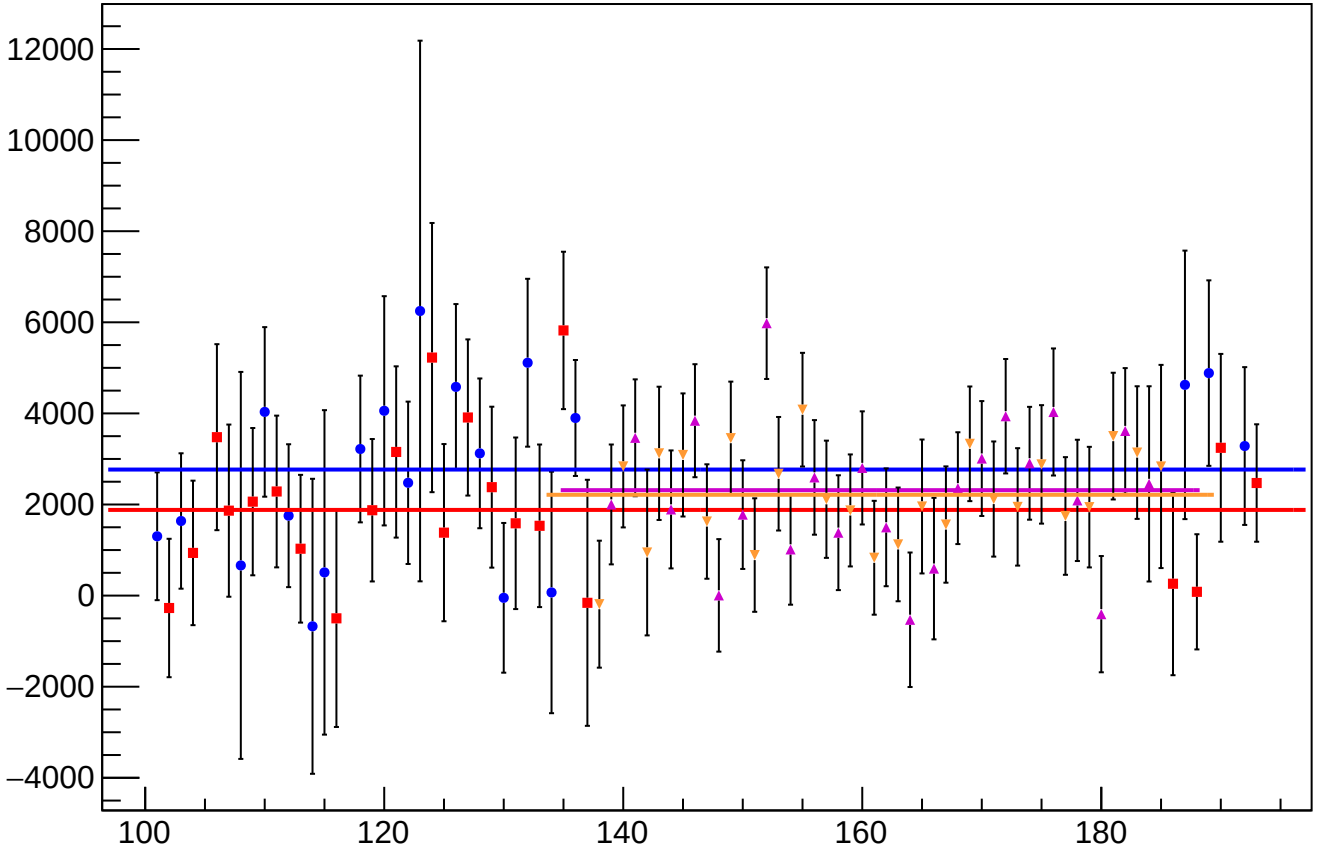
Right: 1557.843+/-0.270 χ^2/NDF: 1163539.0/40

In: 1744.635+/-0.248 χ^2/NDF:1361419.5/41

Out: 1766.771+/-0.244 χ^2/NDF:1687639.9/45

All: 1755.908+/-0.174 χ^2/NDF: 3053100.8/87

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2767.223+/-424.148 χ^2/NDF: 14.0/19

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

Right Out: 1881.014+/-373.734 χ^2/NDF: 16.8/21

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

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

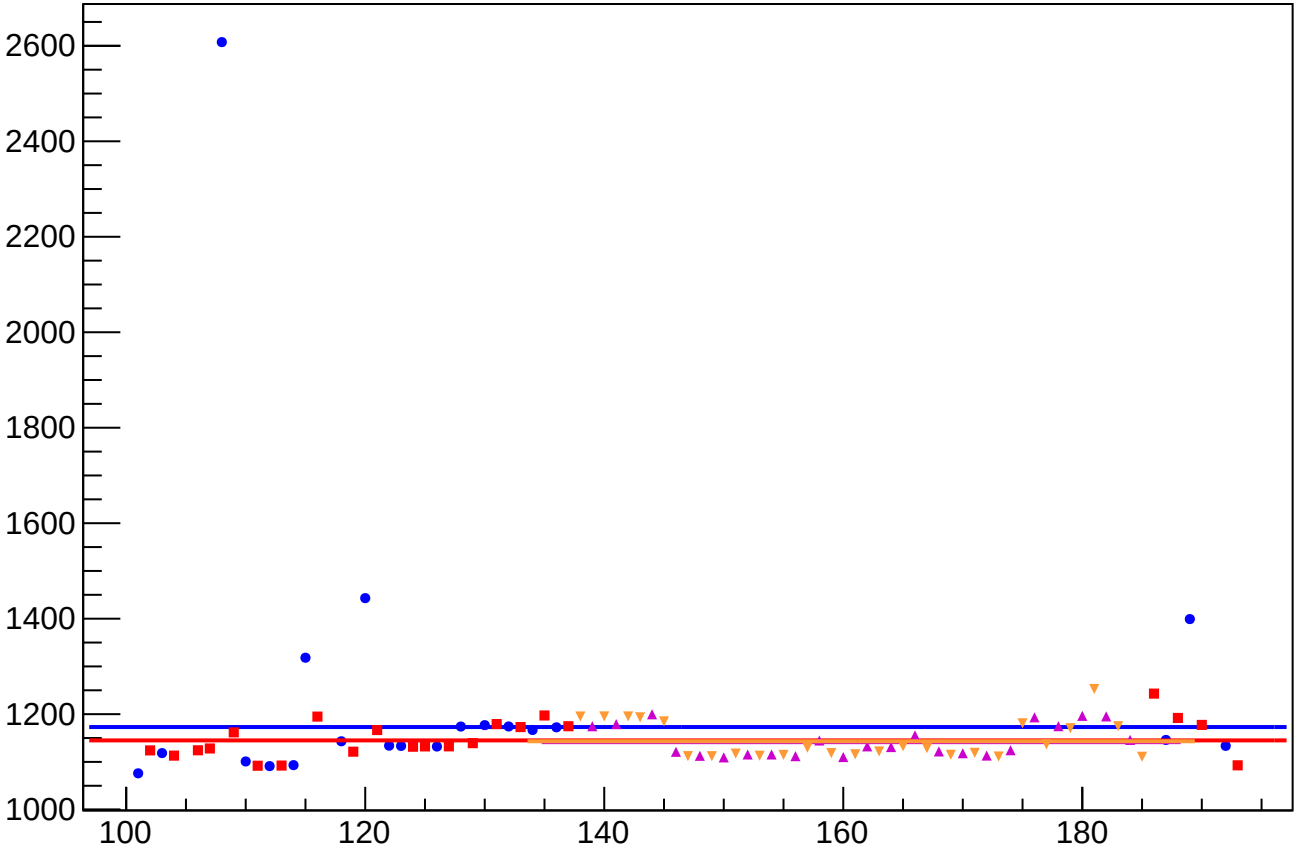
Right: 2268.346+/-280.408 χ^2/NDF: 33.2/41

In: 2446.536+/-228.888 χ^2/NDF:46.4/42

Out: 2101.064+/-217.211 χ^2/NDF:31.5/46

All: 2264.764+/-157.558 χ^2/NDF: 79.1/89

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1173.016+/-0.300 χ^2/NDF: 305053.6/19

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

Right Out: 1145.042+/-0.264 χ^2/NDF: 22280.2/21

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

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

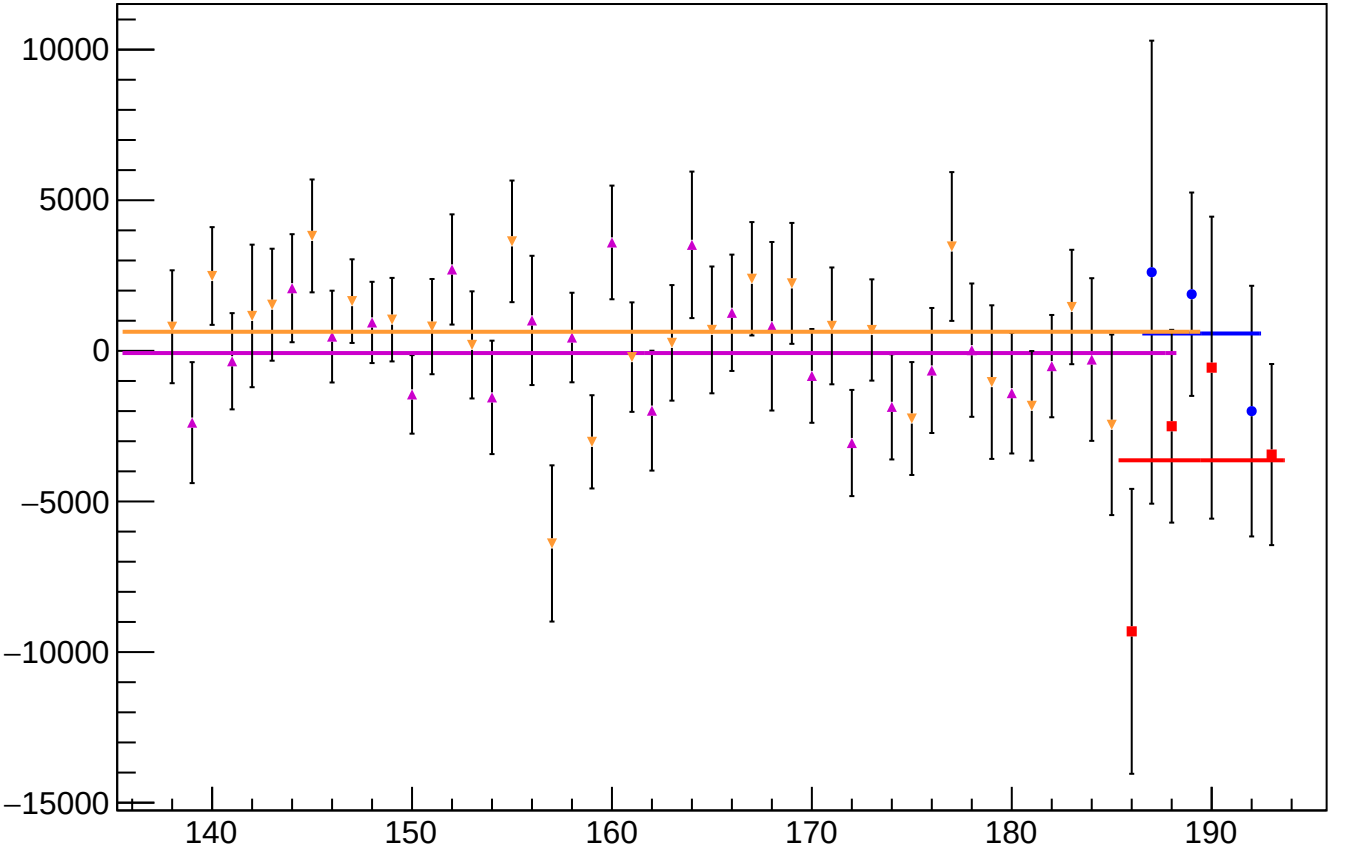
Right: 1157.269+/-0.198 χ^2/NDF: 332231.2/41

In: 1150.581+/-0.162 χ^2/NDF:340963.3/42

Out: 1143.855+/-0.154 χ^2/NDF:61804.0/46

All: 1147.042+/-0.111 χ^2/NDF: 403676.0/89

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 576.316+/-2481.057 χ^2/NDF: 0.6/2

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

Right Out: -3633.371+/-1847.940 χ^2/NDF: 1.9/3

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

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

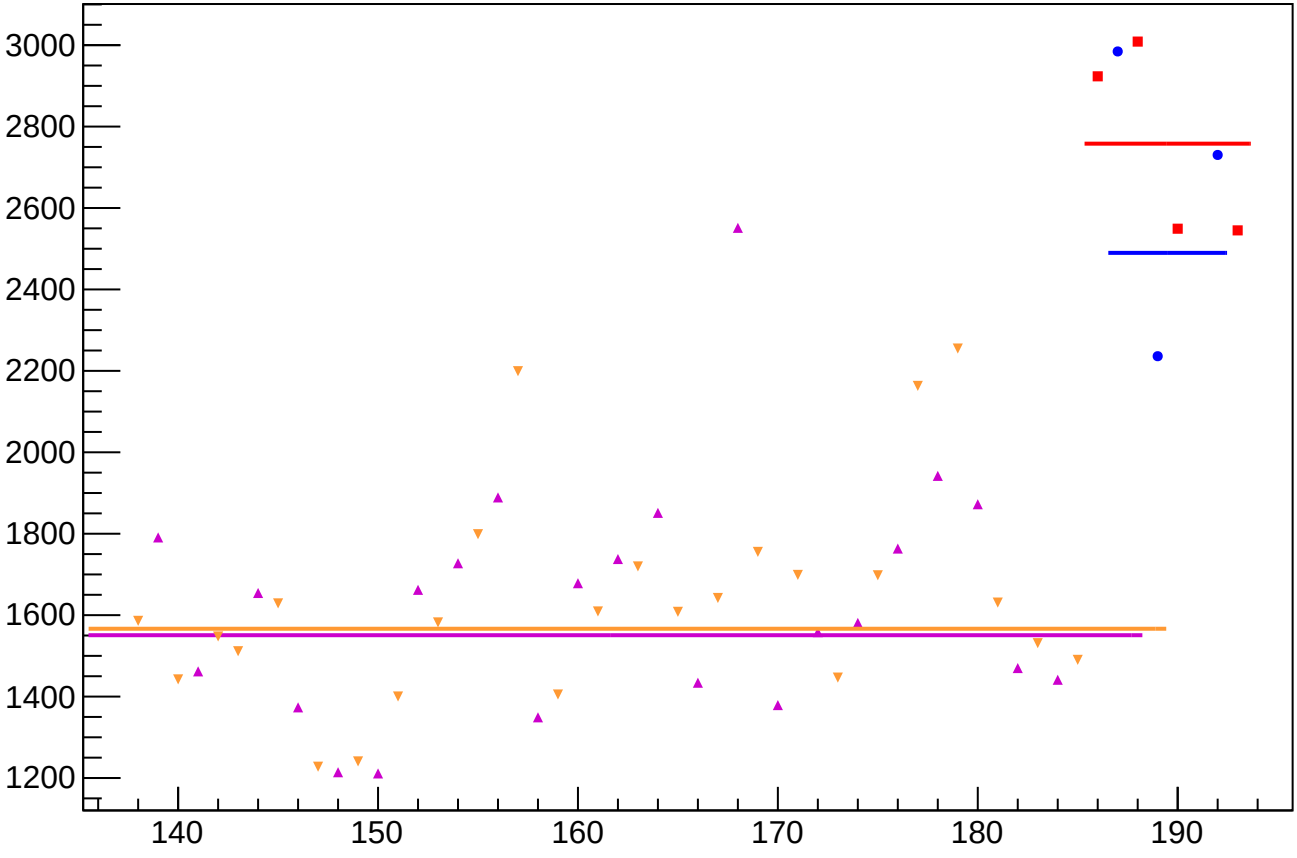
Right: -2131.302+/-1482.029 χ^2/NDF: 4.4/6

In: -58.439+/-371.057 χ^2/NDF:20.8/25

Out: 467.619+/-364.622 χ^2/NDF:36.3/28

All: 209.191+/-260.072 χ^2/NDF: 58.1/54

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2489.822+/-1.754 χ^2/NDF: 26276.0/2

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

Right Out: 2758.040+/-1.307 χ^2/NDF: 28233.9/3

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

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

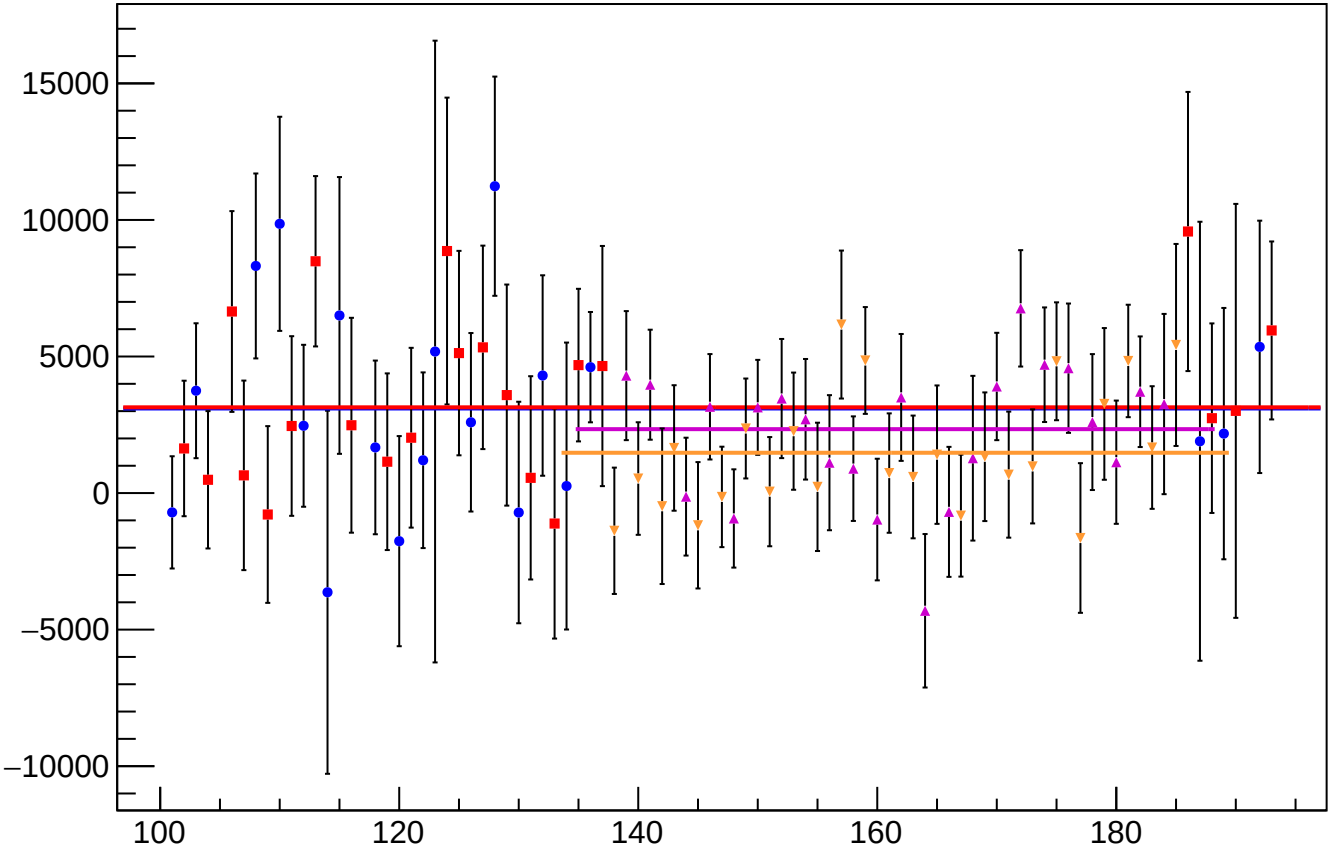
Right: 2662.336+/-1.048 χ^2/NDF: 69543.8/6

In: 1571.754+/-0.262 χ^2/NDF:1235039.9/25

Out: 1613.011+/-0.258 χ^2/NDF:1594164.7/28

All: 1592.743+/-0.184 χ^2/NDF: 2841783.4/54

asym_usr_mean vs Slug, Sign Corrected



Right In: 3097.238+/-771.307 χ^2/NDF: 18.8/19

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

Right Out: 3139.163+/-745.659 χ^2/NDF: 13.8/21

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

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

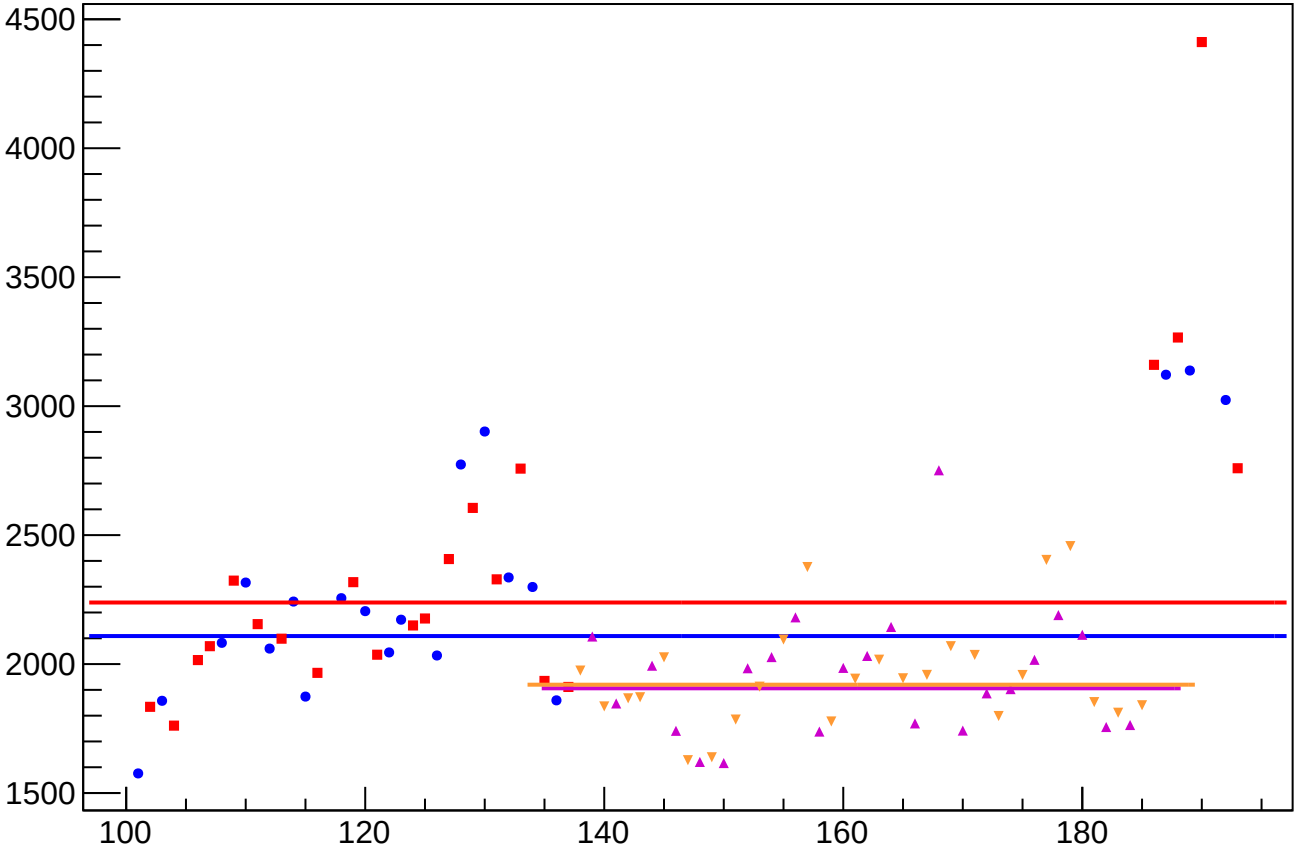
Right: 3118.909+/-536.099 χ^2/NDF: 32.7/41

In: 2536.976+/-393.454 χ^2/NDF:44.7/42

Out: 1921.709+/-386.122 χ^2/NDF:38.4/46

All: 2223.555+/-275.585 χ^2/NDF: 84.4/89

asym_usr_rms vs Slug, Sign Corrected



Right In: 2108.643+/-0.545 χ^2/NDF: 556340.8/19

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

Right Out: 2238.700+/-0.527 χ^2/NDF: 706159.2/21

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

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

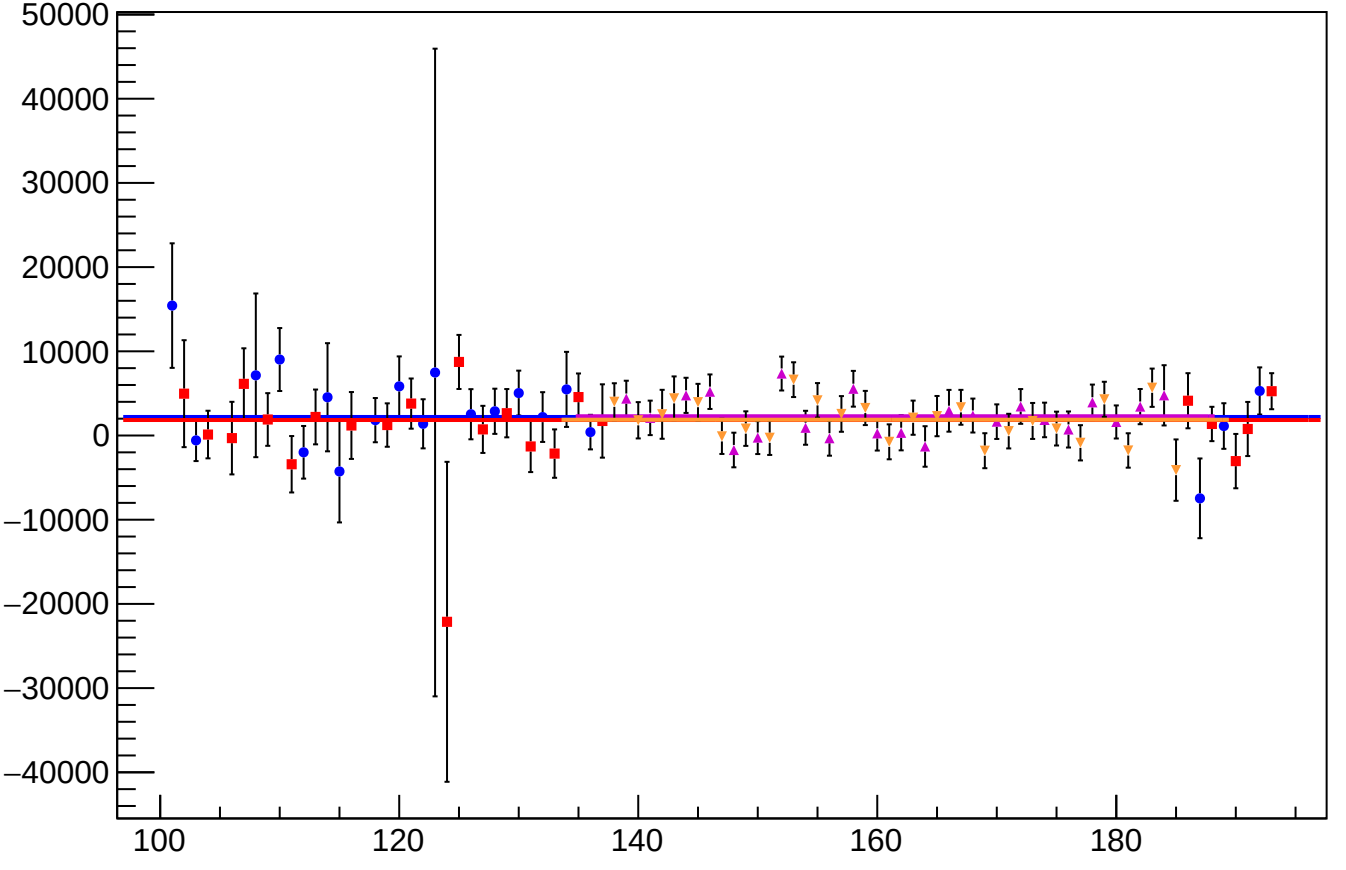
Right: 2175.870+/-0.379 χ^2/NDF: 1291893.6/41

In: 1958.763+/-0.278 χ^2/NDF:1109479.9/42

Out: 2005.517+/-0.273 χ^2/NDF:1339327.0/46

All: 1982.580+/-0.195 χ^2/NDF: 2463193.4/89

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2201.287+/-732.130 χ^2/NDF: 20.4/19

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

Right Out: 1840.693+/-648.858 χ^2/NDF: 20.8/22

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

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

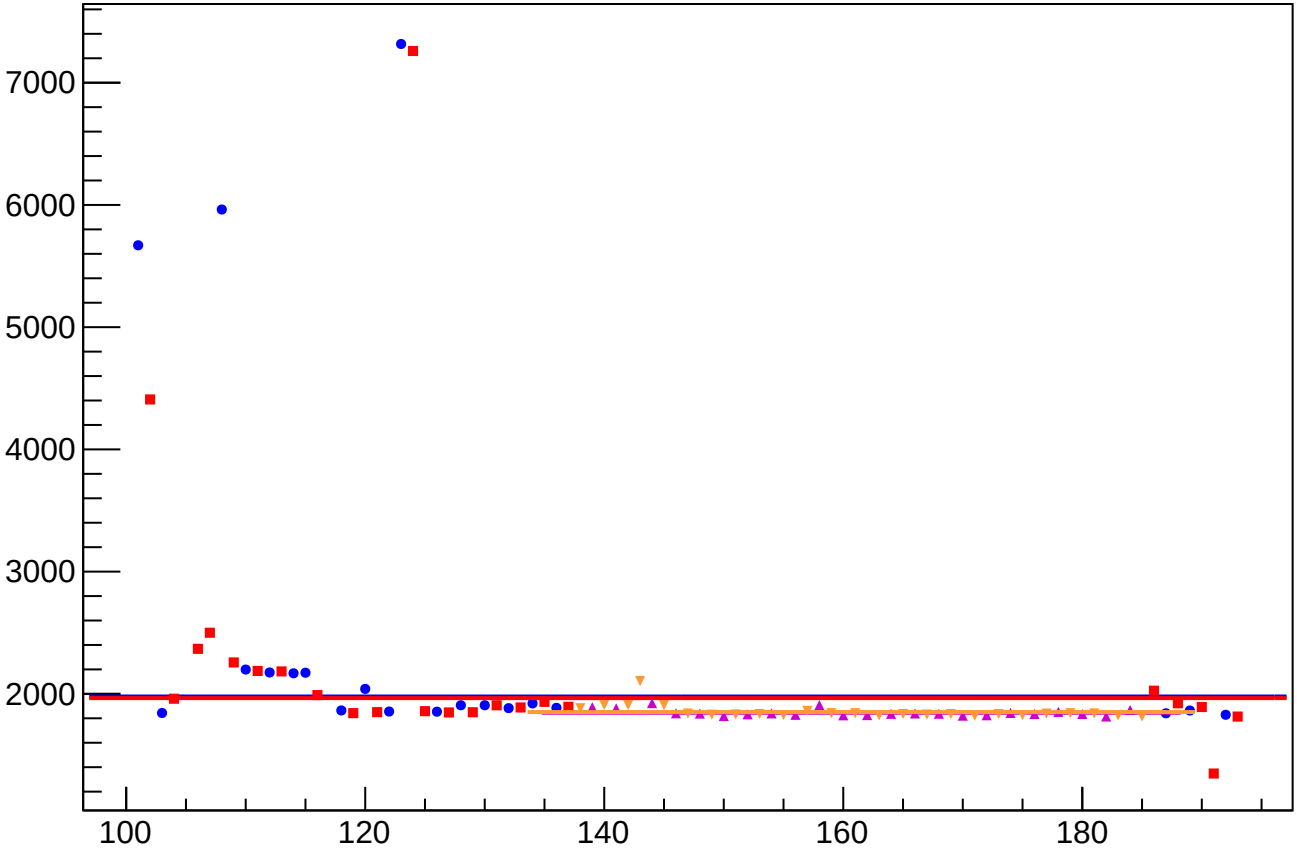
Right: 1999.325+/-485.596 χ^2/NDF: 41.3/42

In: 2263.643+/-377.765 χ^2/NDF:47.7/42

Out: 1864.622+/-360.309 χ^2/NDF:50.8/47

All: 2054.701+/-260.730 χ^2/NDF: 99.1/90

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1978.306+/-0.518 χ^2/NDF: 929135.0/19

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

Right Out: 1965.119+/-0.459 χ^2/NDF: 641971.2/22

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

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

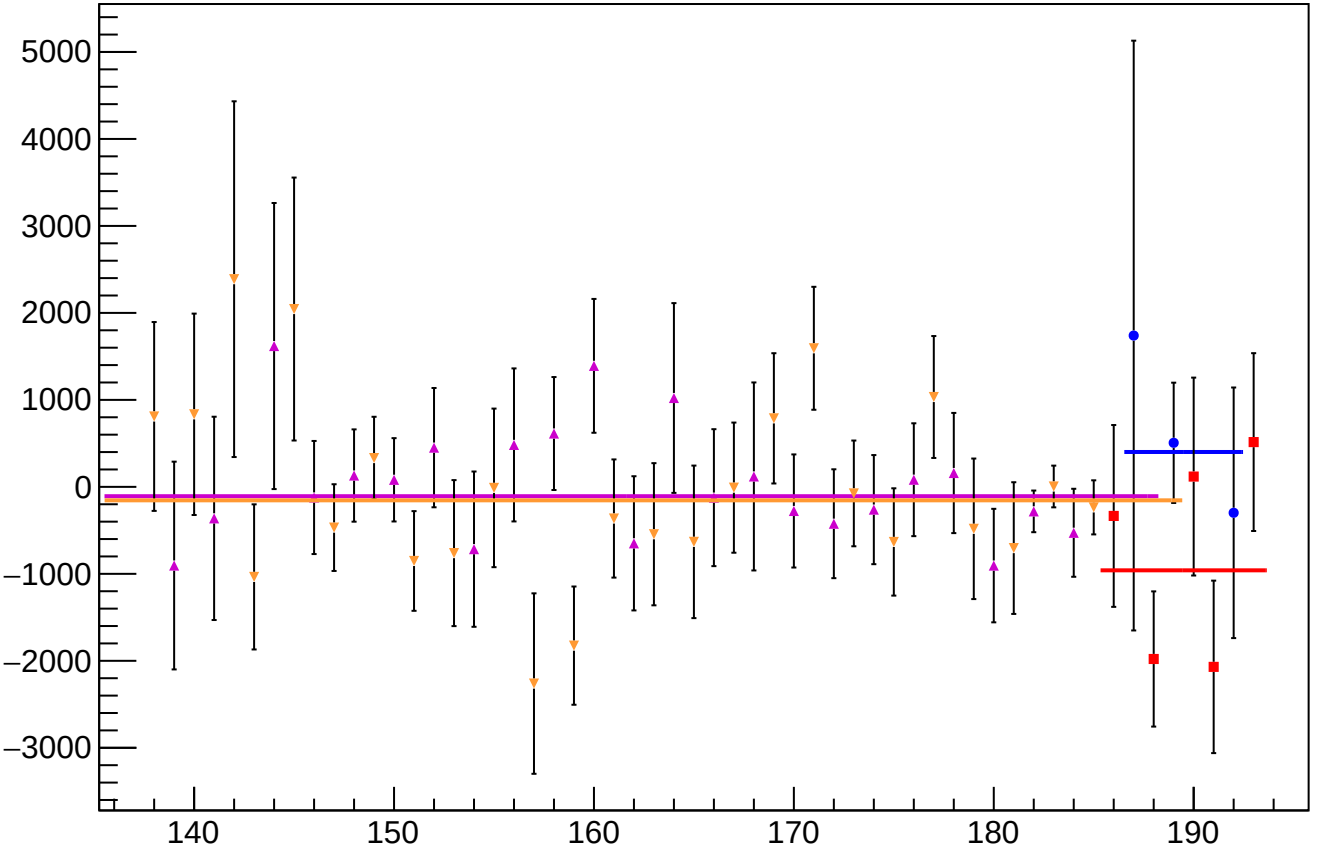
Right: 1970.920+/-0.343 χ^2/NDF: 1571469.5/42

In: 1880.792+/-0.267 χ^2/NDF:985807.2/42

Out: 1886.235+/-0.255 χ^2/NDF:710962.5/47

All: 1883.642+/-0.184 χ^2/NDF: 1696987.1/90

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 400.965+/-613.061 χ^2/NDF: 0.4/2

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

Right Out: -959.645+/-433.660 χ^2/NDF: 6.3/4

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

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

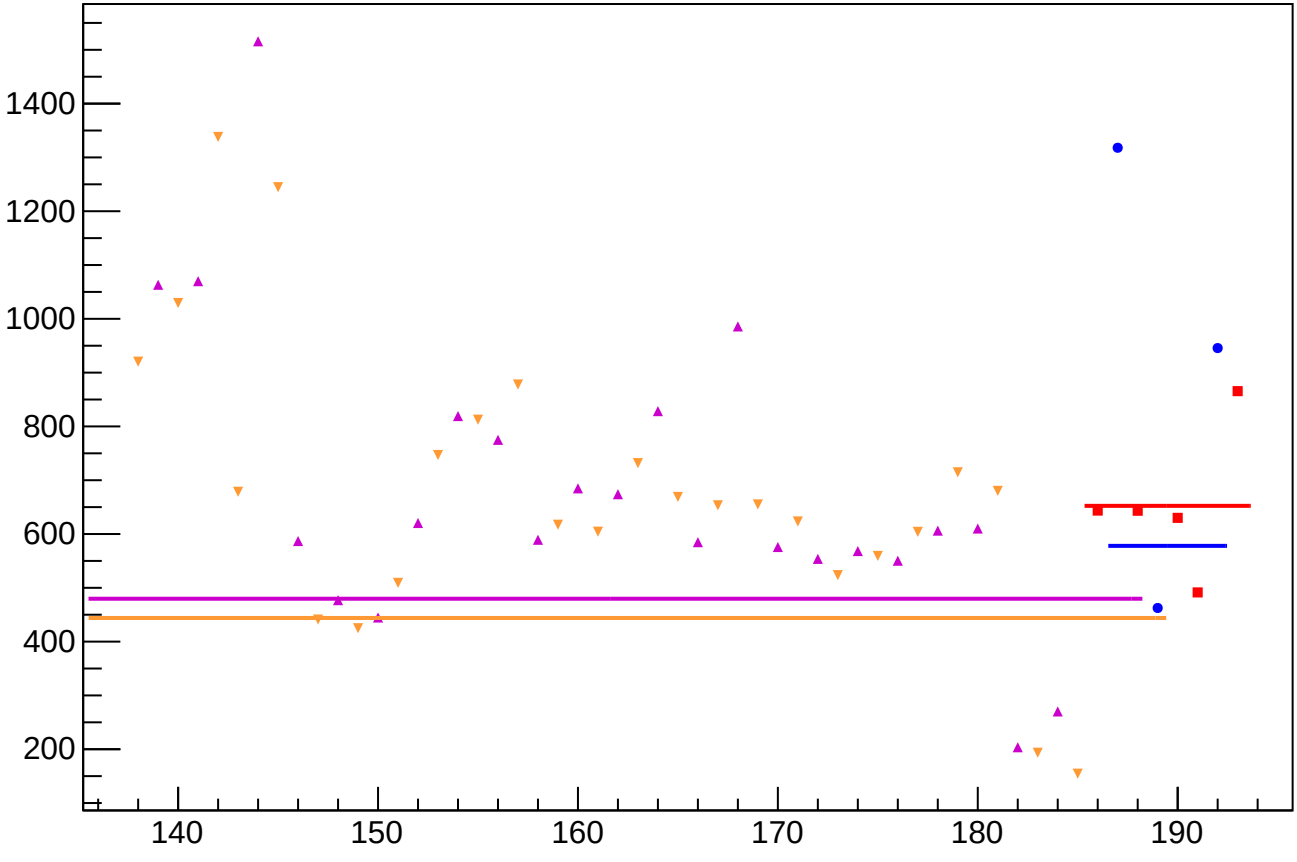
Right: -505.885+/-354.038 χ^2/NDF: 10.0/7

In: -86.286+/-124.904 χ^2/NDF:14.6/25

Out: -211.780+/-115.344 χ^2/NDF:42.5/29

All: -154.019+/-84.739 χ^2/NDF: 57.6/55

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 577.994+/-0.433 χ^2/NDF: 281297.1/2

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

Right Out: 652.370+/-0.307 χ^2/NDF: 140860.3/4

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

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

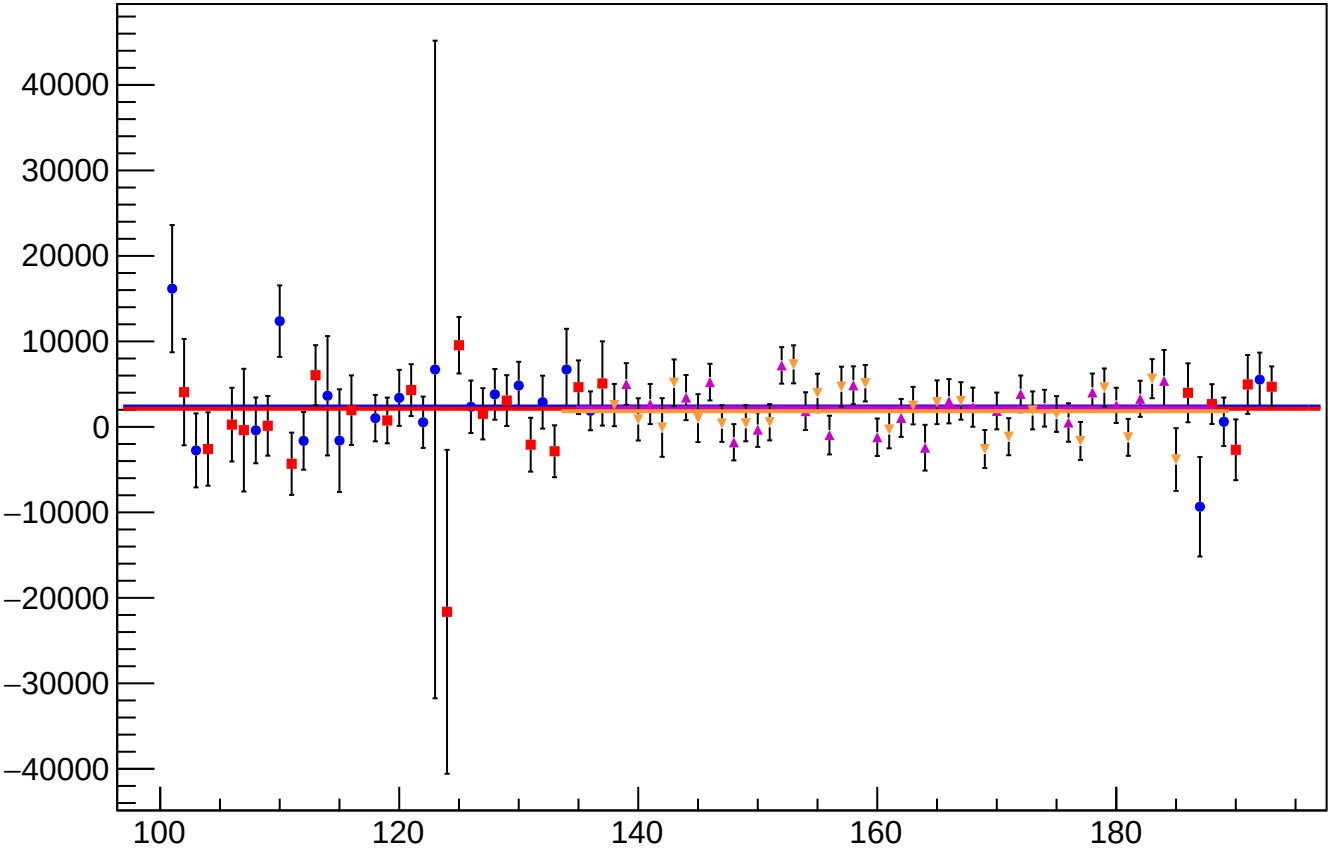
Right: 627.566+/-0.250 χ^2/NDF: 441776.9/7

In: 483.802+/-0.088 χ^2/NDF:7065151.7/25

Out: 458.705+/-0.082 χ^2/NDF:9143231.3/29

All: 470.256+/-0.060 χ^2/NDF: 16251962.9/55

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2382.147+/-786.054 χ^2/NDF: 21.1/19

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

Right Out: 2121.395+/-710.368 χ^2/NDF: 23.4/22

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

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

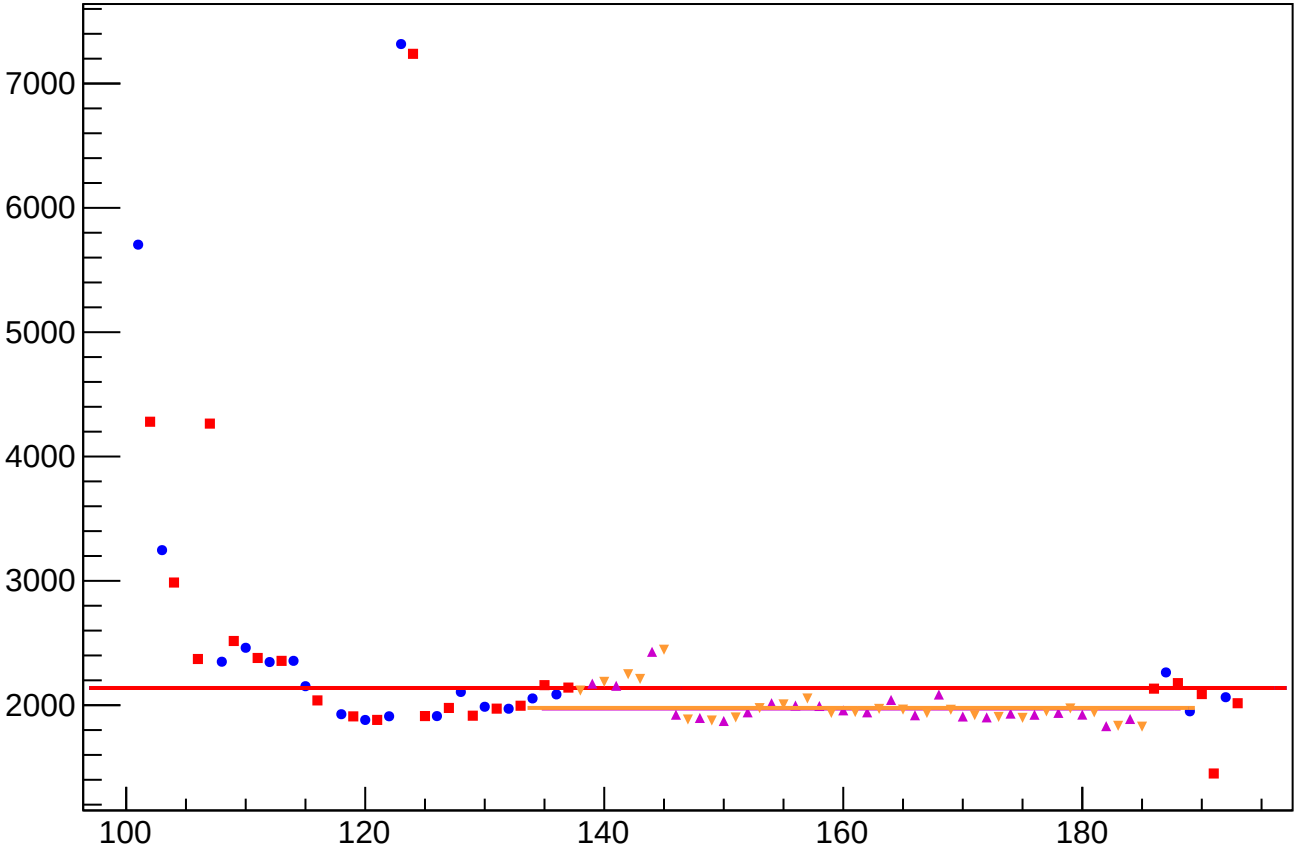
Right: 2238.616+/-527.038 χ^2/NDF: 44.5/42

In: 2292.533+/-404.857 χ^2/NDF:47.4/42

Out: 1920.394+/-388.341 χ^2/NDF:56.2/47

All: 2098.718+/-280.255 χ^2/NDF: 104.1/90

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2138.329+/-0.556 χ^2/NDF: 725705.3/19

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

Right Out: 2138.286+/-0.502 χ^2/NDF: 834026.8/22

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

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

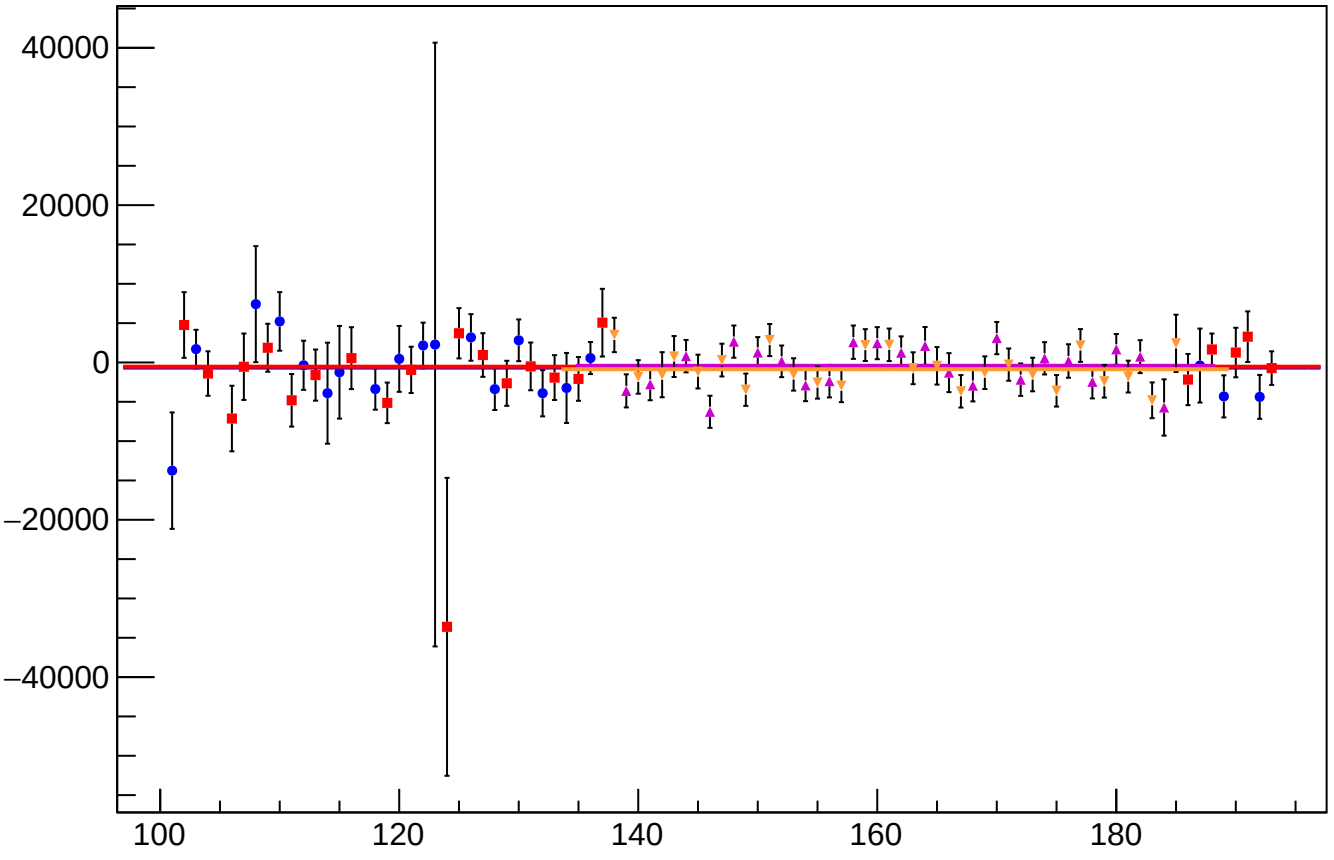
Right: 2138.305+/-0.373 χ^2/NDF: 1559732.1/42

In: 2017.017+/-0.286 χ^2/NDF:911019.6/42

Out: 2025.934+/-0.275 χ^2/NDF:1043080.7/47

All: 2021.661+/-0.198 χ^2/NDF: 1954605.6/90

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -647.395+/-731.162 χ^2/NDF: 20.1/19

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

Right Out: -535.078+/-640.067 χ^2/NDF: 20.9/22

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

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

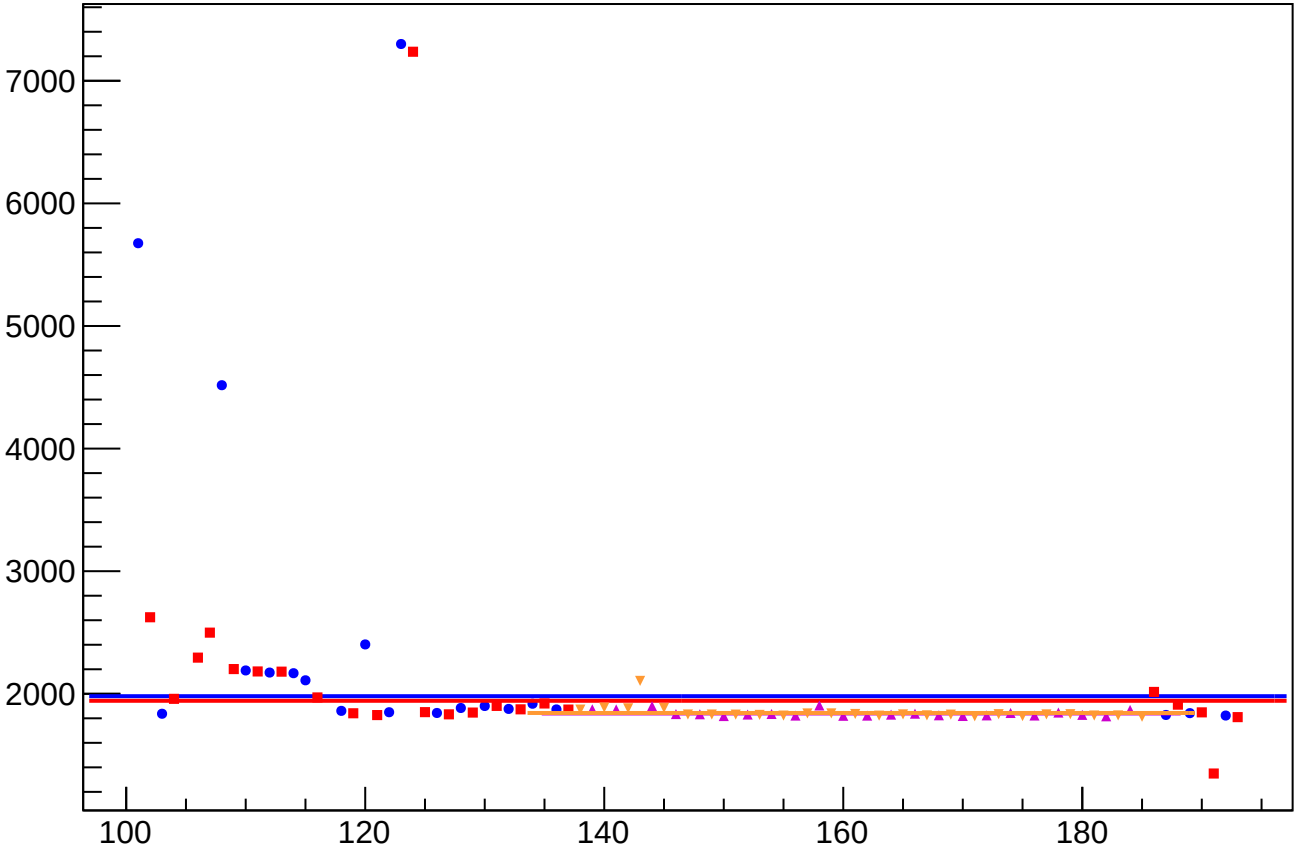
Right: -583.808+/-481.602 χ^2/NDF: 41.0/42

In: -486.010+/-376.724 χ^2/NDF:53.9/42

Out: -757.547+/-357.770 χ^2/NDF:47.9/47

All: -628.781+/-259.423 χ^2/NDF: 102.1/90

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1980.395+/-0.517 χ^2/NDF: 856383.6/19

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

Right Out: 1943.003+/-0.453 χ^2/NDF: 388667.7/22

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

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

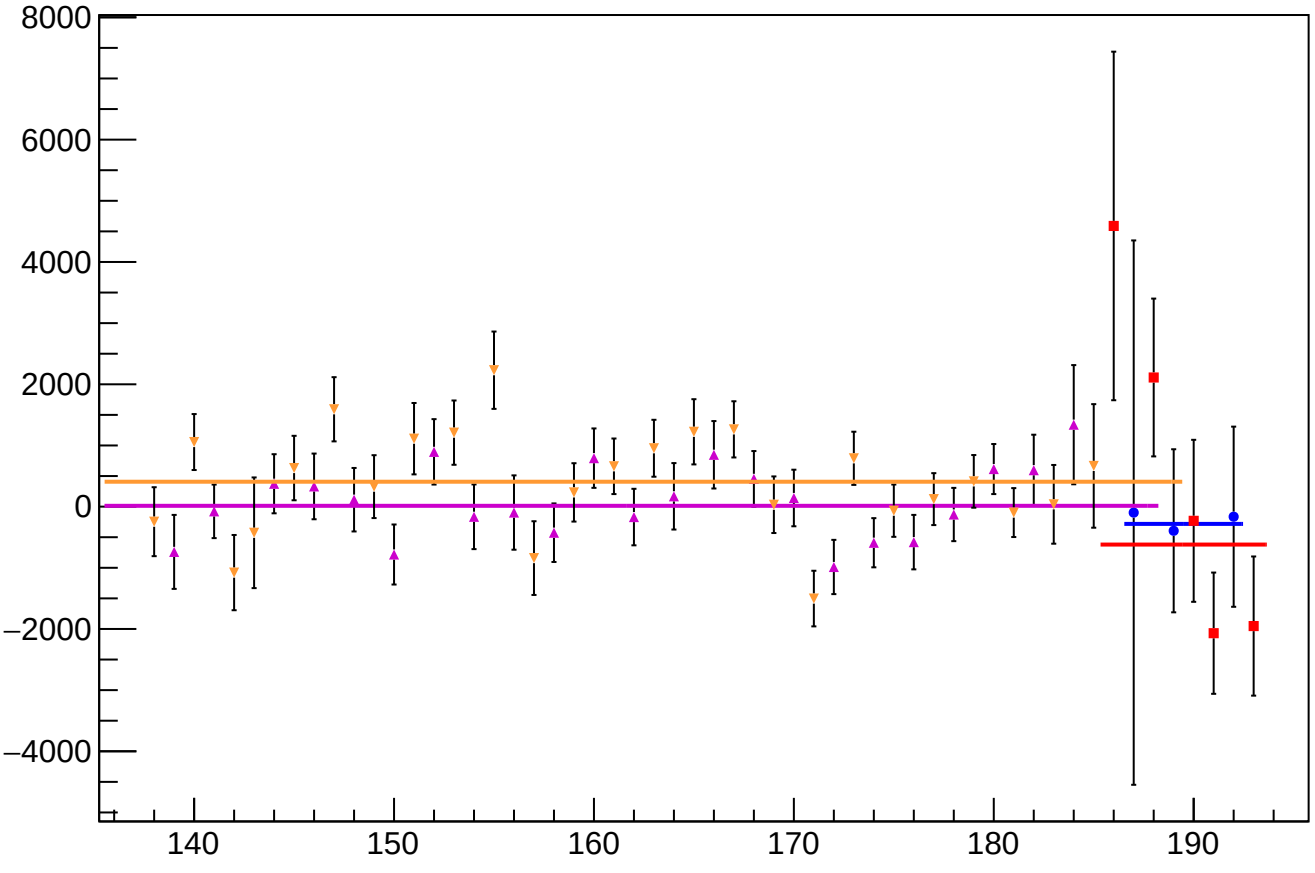
Right: 1959.226+/-0.341 χ^2/NDF: 1248012.8/42

In: 1876.853+/-0.266 χ^2/NDF:917406.7/42

Out: 1874.611+/-0.253 χ^2/NDF:446851.7/47

All: 1875.674+/-0.183 χ^2/NDF: 1364295.7/90

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -282.277+/-964.814 χ^2/NDF: 0.0/2

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

Right Out: -620.175+/-569.364 χ^2/NDF: 11.4/4

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

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

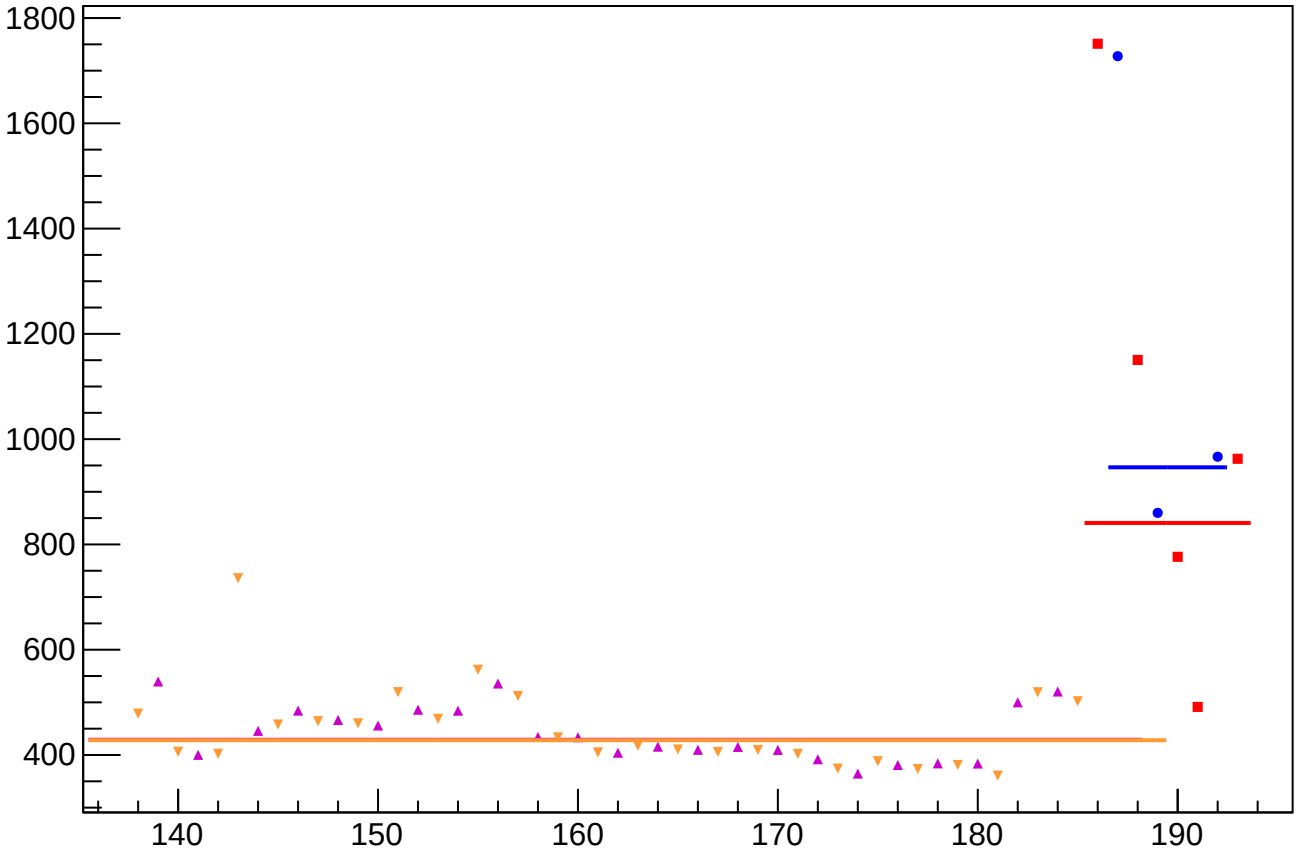
Right: -532.897+/-490.348 χ^2/NDF: 11.5/7

In: 10.069+/-102.332 χ^2/NDF:29.4/25

Out: 375.841+/-99.659 χ^2/NDF:76.7/29

All: 197.794+/-71.396 χ^2/NDF: 112.6/55

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 946.513+/-0.682 χ^2/NDF: 70400.9/2

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

Right Out: 840.835+/-0.403 χ^2/NDF: 595683.8/4

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

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

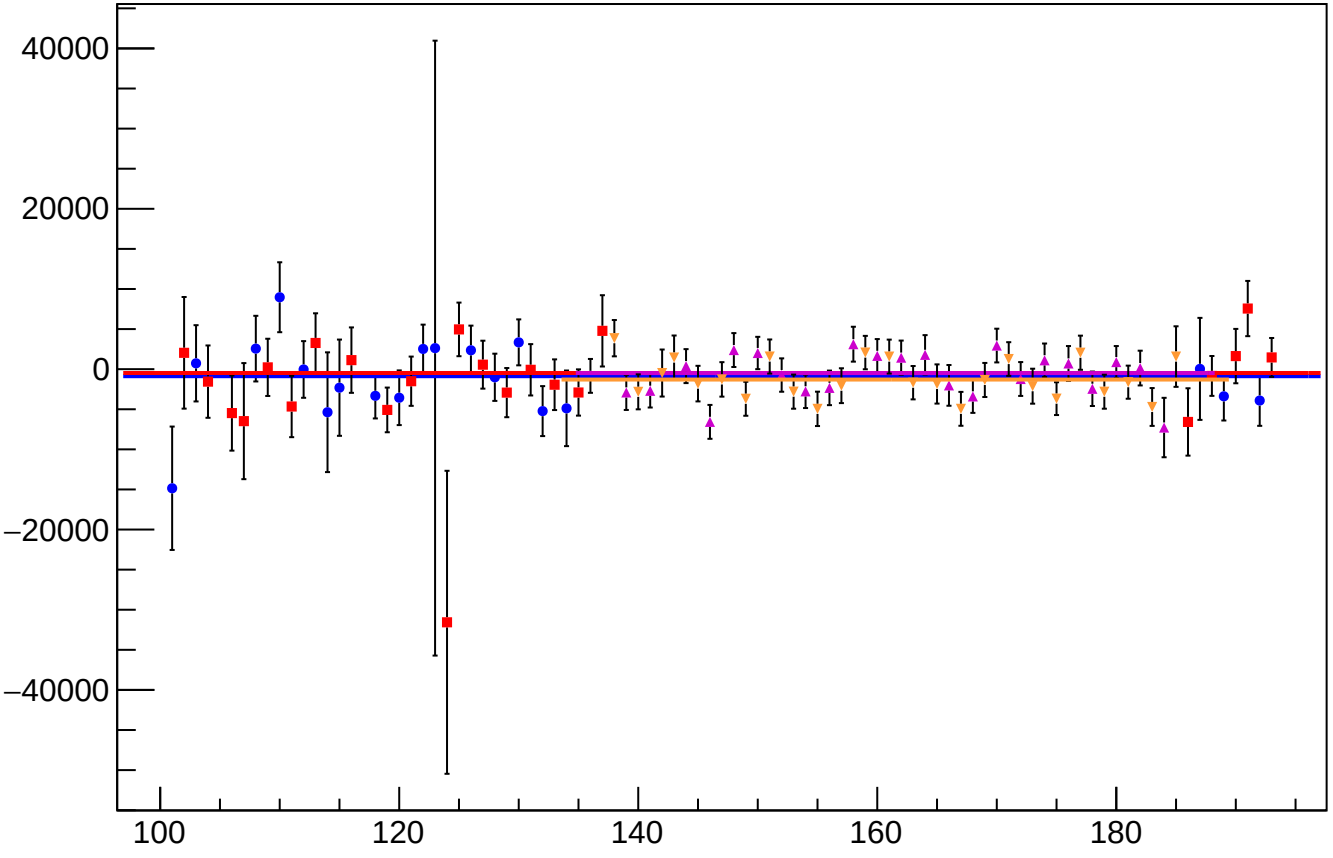
Right: 868.132+/-0.347 χ^2/NDF: 683881.1/7

In: 434.749+/-0.072 χ^2/NDF:1058264.3/25

Out: 440.698+/-0.070 χ^2/NDF:2319431.4/29

All: 437.802+/-0.050 χ^2/NDF: 3381165.3/55

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -876.018+/-797.811 χ^2/NDF: 19.9/19

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

Right Out: -476.446+/-727.758 χ^2/NDF: 24.3/22

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

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

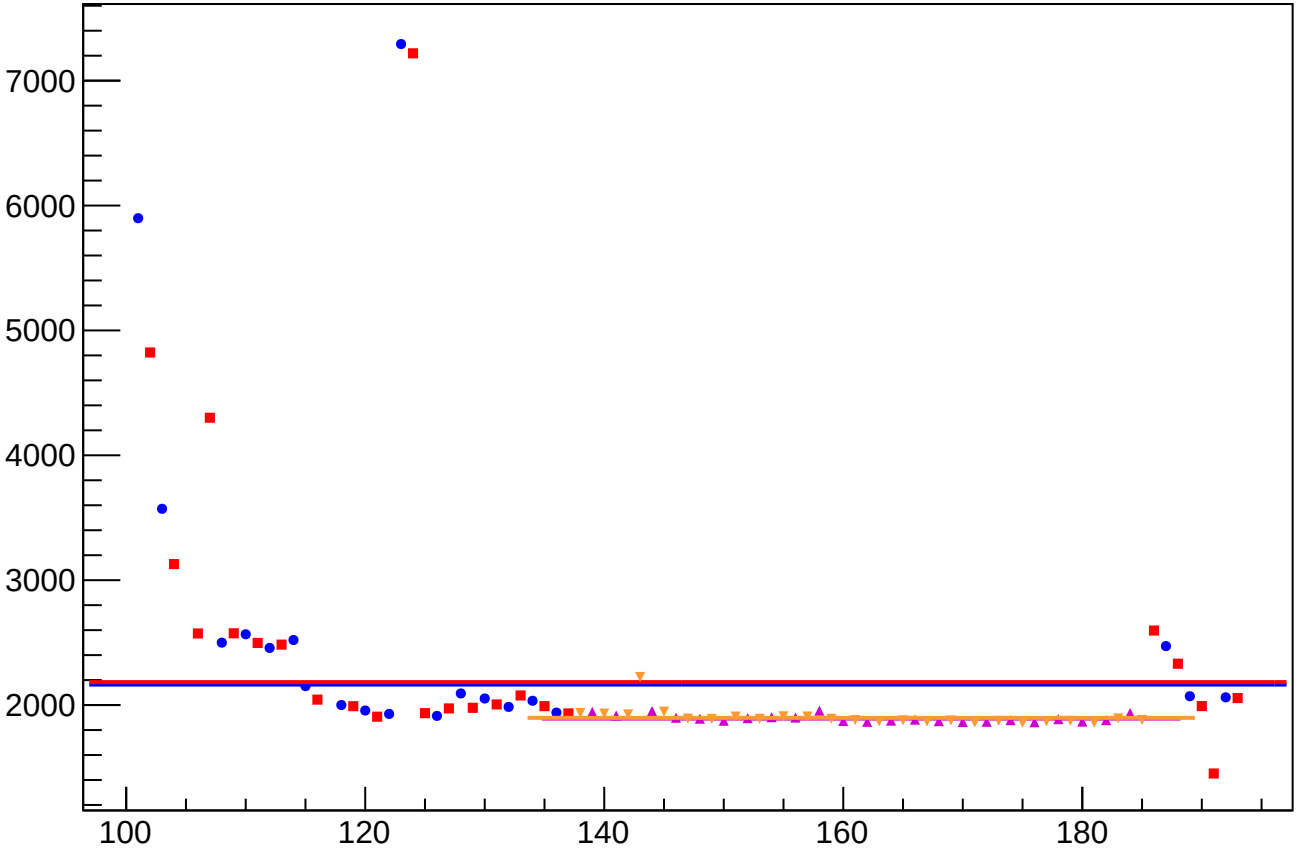
Right: -657.923+/-537.666 χ^2/NDF: 44.4/42

In: -580.644+/-393.283 χ^2/NDF:52.5/42

Out: -1072.239+/-379.123 χ^2/NDF:54.9/47

All: -835.450+/-272.949 χ^2/NDF: 108.2/90

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2163.910+/-0.564 χ^2/NDF: 814302.1/19

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

Right Out: 2183.885+/-0.515 χ^2/NDF: 963644.3/22

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

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

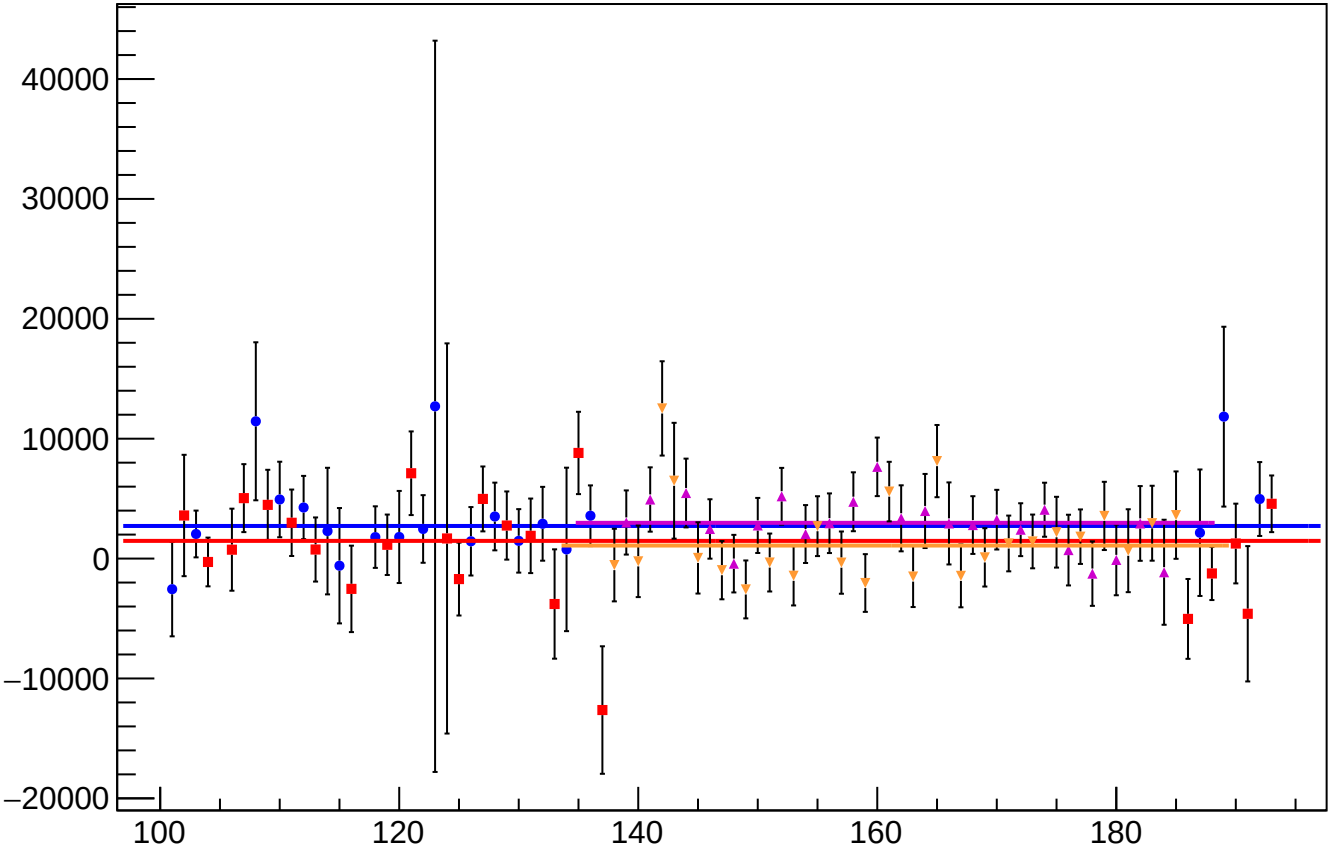
Right: 2174.813+/-0.380 χ^2/NDF: 1778630.8/42

In: 1957.864+/-0.278 χ^2/NDF:998109.6/42

Out: 1975.345+/-0.268 χ^2/NDF:1224127.1/47

All: 1966.925+/-0.193 χ^2/NDF: 2224284.7/90

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2720.072+/-734.586 χ^2/NDF: 8.0/19

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

Right Out: 1475.798+/-641.189 χ^2/NDF: 32.0/22

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

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

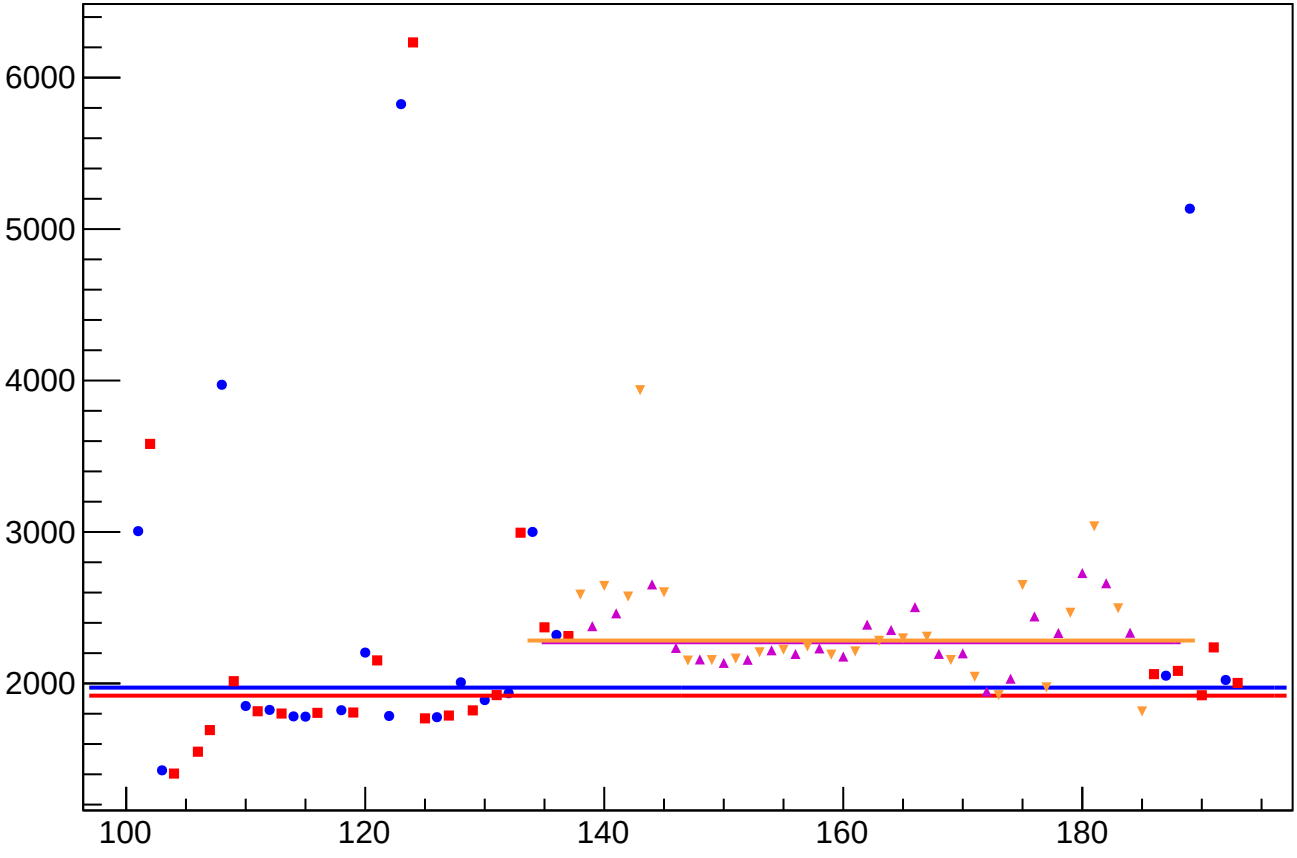
Right: 2013.852+/-483.056 χ^2/NDF: 41.6/42

In: 2888.225+/-438.266 χ^2/NDF:22.1/42

Out: 1249.205+/-413.475 χ^2/NDF:62.1/47

All: 2021.051+/-300.753 χ^2/NDF: 91.6/90

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1972.395+/-0.519 χ^2/NDF: 1000293.4/19

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

Right Out: 1919.333+/-0.453 χ^2/NDF: 736553.2/22

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

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

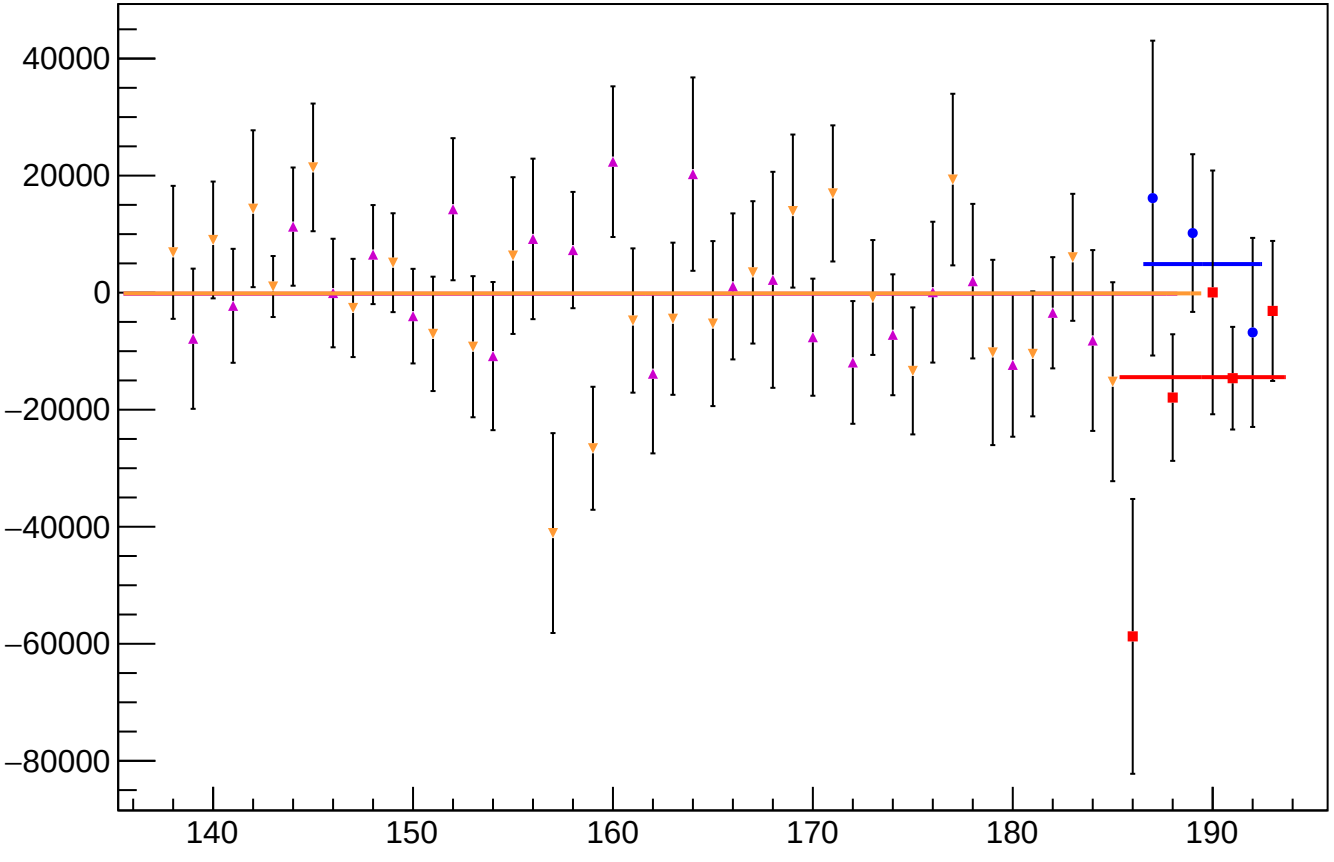
Right: 1942.275+/-0.342 χ^2/NDF: 1742770.3/42

In: 2165.320+/-0.310 χ^2/NDF:1458032.8/42

Out: 2131.867+/-0.292 χ^2/NDF:1747302.9/47

All: 2147.620+/-0.213 χ^2/NDF: 3211501.3/90

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 4884.390+/-9657.209 χ^2/NDF: 0.9/2

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

Right Out: -14437.976+/-5533.663 χ^2/NDF: 5.0/4

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

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

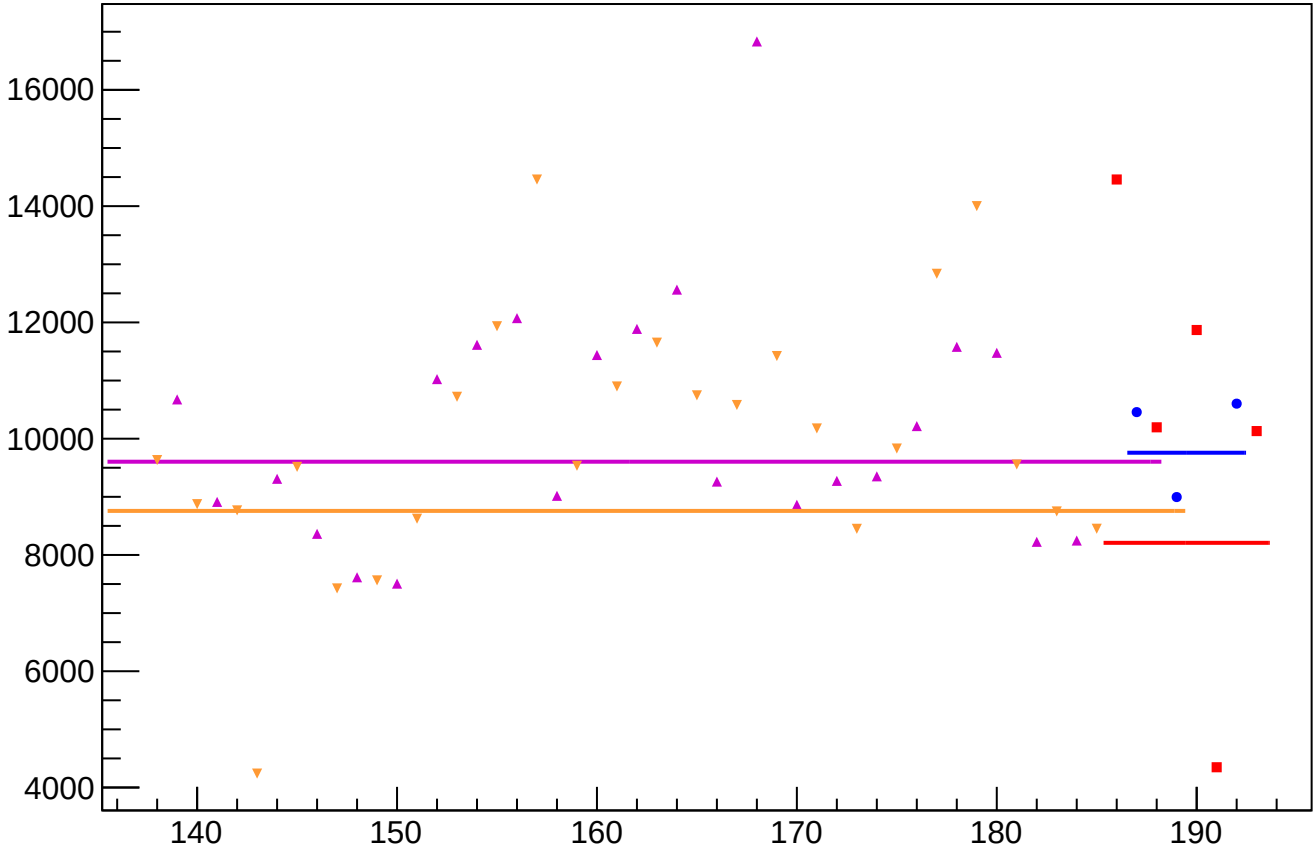
Right: -9661.873+/-4801.294 χ^2/NDF: 8.9/7

In: 93.942+/-2265.373 χ^2/NDF:16.2/25

Out: -1989.541+/-1997.549 χ^2/NDF:40.6/29

All: -1078.182+/-1498.268 χ^2/NDF: 57.2/55

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 9758.501+/-6.829 χ^2/NDF: 13218.7/2

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

Right Out: 8208.693+/-3.913 χ^2/NDF: 710155.9/4

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

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

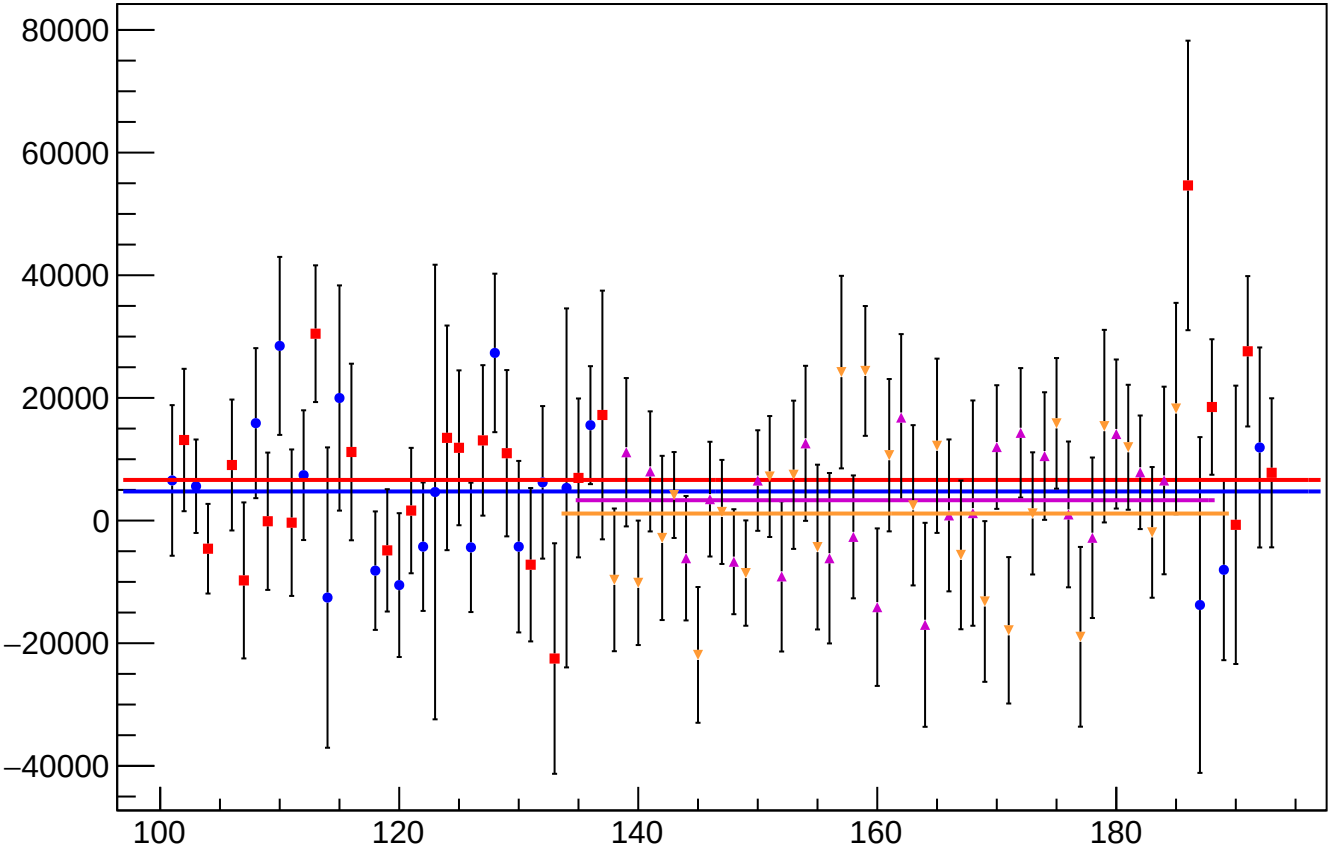
Right: 8591.774+/-3.395 χ^2/NDF: 762151.5/7

In: 9612.528+/-1.602 χ^2/NDF:1109507.9/25

Out: 8686.263+/-1.412 χ^2/NDF:3506389.1/29

All: 9091.430+/-1.059 χ^2/NDF: 4804003.6/55

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4747.022+/-2829.435 χ^2/NDF: 15.9/19

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

Right Out: 6624.688+/-2557.522 χ^2/NDF: 24.2/22

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

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

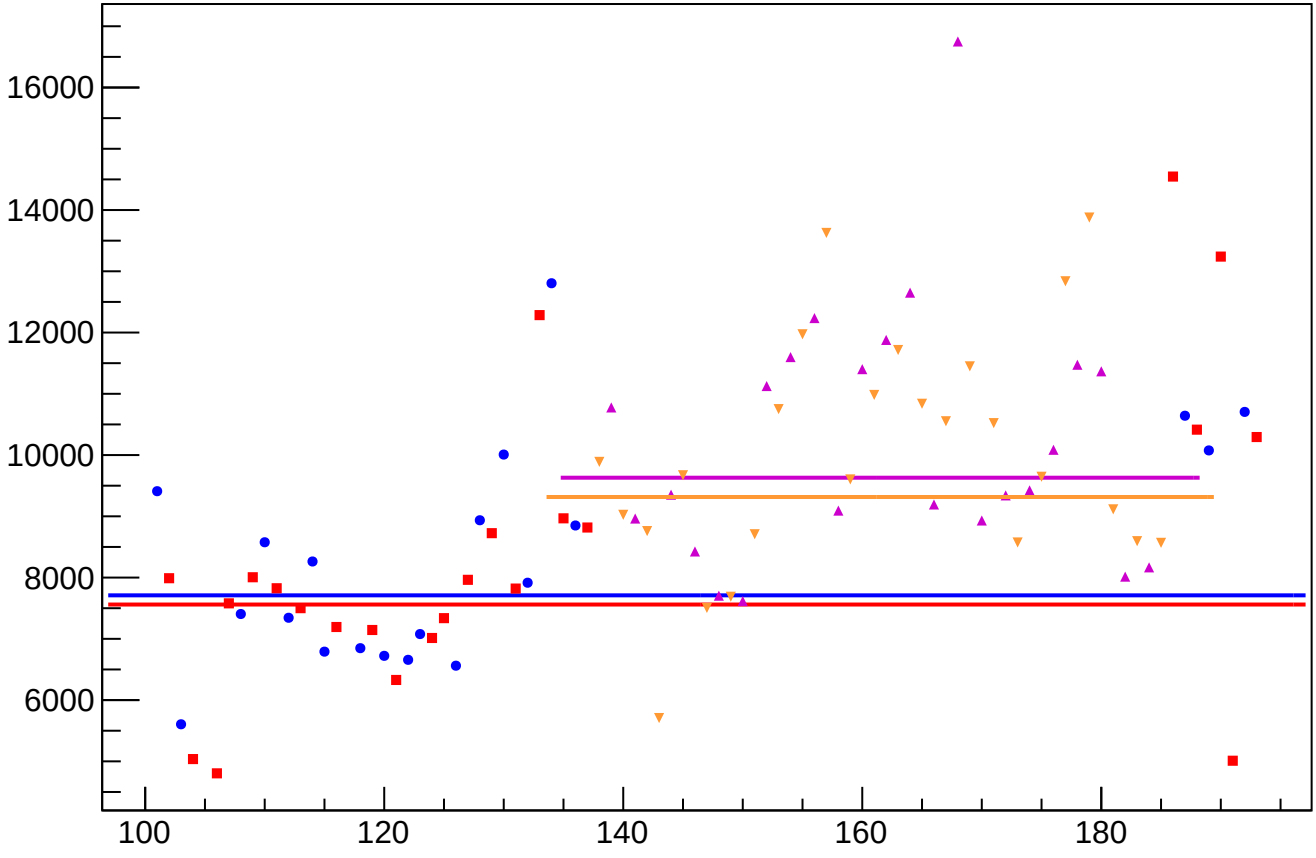
Right: 5780.392+/-1897.309 χ^2/NDF: 40.4/42

In: 3896.676+/-1801.482 χ^2/NDF:29.5/42

Out: 3514.643+/-1681.796 χ^2/NDF:54.7/47

All: 3692.548+/-1229.345 χ^2/NDF: 84.2/90

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7710.079+/-2.001 χ^2/NDF: 585558.0/19

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

Right Out: 7559.982+/-1.808 χ^2/NDF: 1212410.7/22

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

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

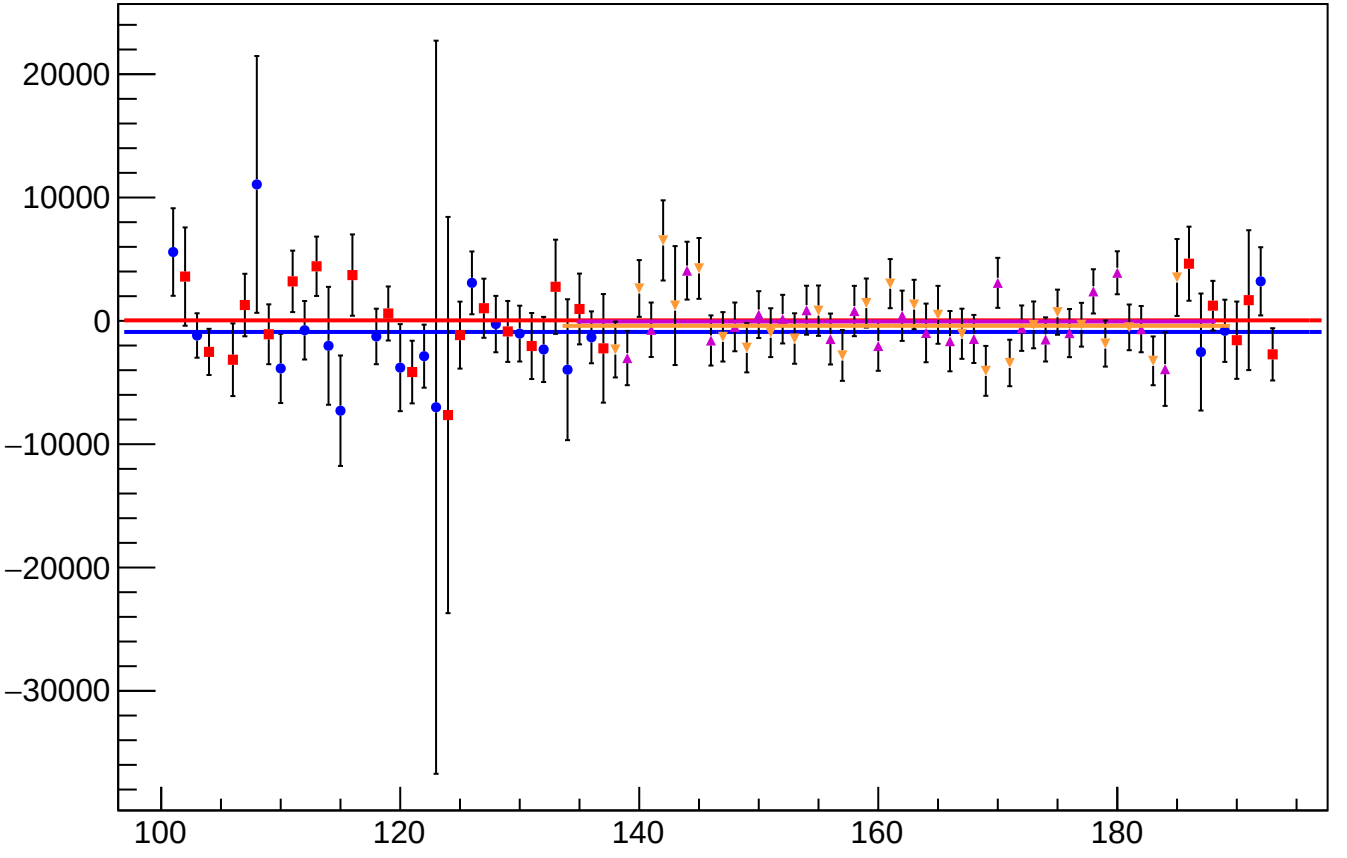
Right: 7627.467+/-1.342 χ^2/NDF: 1801066.5/42

In: 8851.890+/-1.274 χ^2/NDF:2207981.9/42

Out: 8556.222+/-1.189 χ^2/NDF:3250770.9/47

All: 8693.903+/-0.869 χ^2/NDF: 5487540.2/90

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -899.433+/-632.391 χ^2/NDF: 14.7/19

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

Right Out: 39.888+/-563.365 χ^2/NDF: 20.2/22

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

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

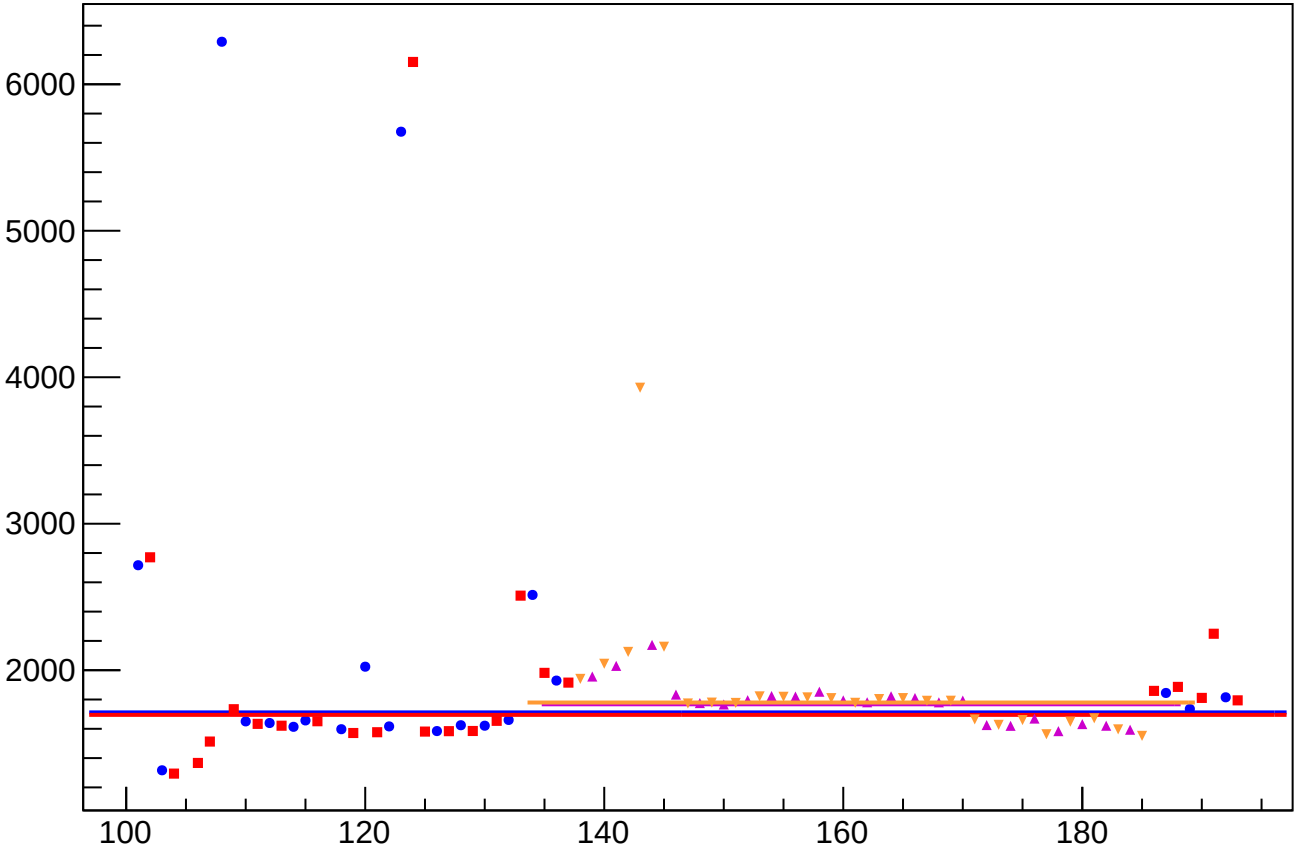
Right: -375.730+/-420.655 χ^2/NDF: 36.1/42

In: -314.648+/-351.349 χ^2/NDF:36.8/42

Out: -245.398+/-336.332 χ^2/NDF:49.5/47

All: -278.512+/-242.958 χ^2/NDF: 86.3/90

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1711.950+/-0.447 χ^2/NDF: 783740.8/19

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

Right Out: 1695.190+/-0.398 χ^2/NDF: 619697.2/22

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

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

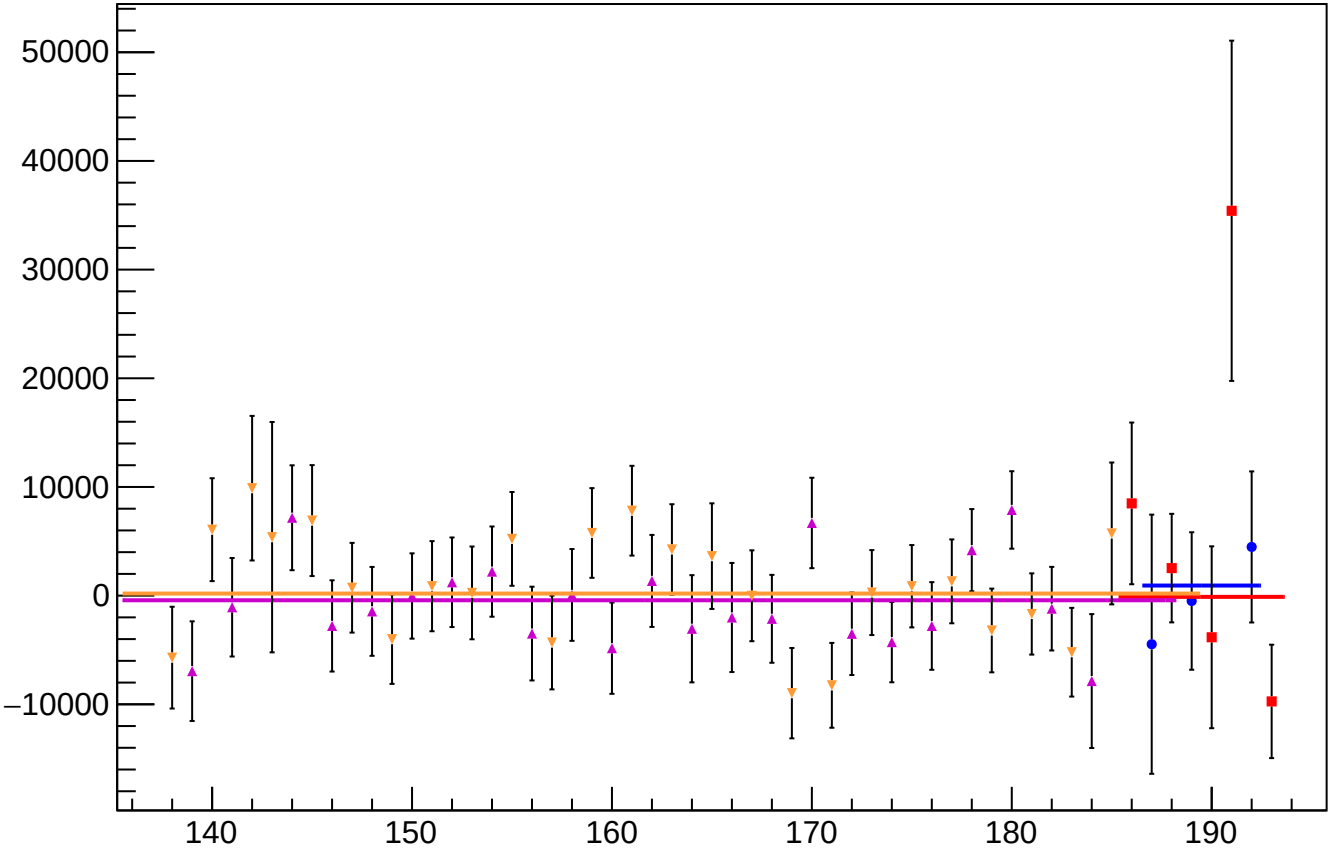
Right: 1702.606+/-0.297 χ^2/NDF: 1404221.2/42

In: 1750.224+/-0.248 χ^2/NDF:990921.7/42

Out: 1749.408+/-0.238 χ^2/NDF:1259405.3/47

All: 1749.798+/-0.172 χ^2/NDF: 2250332.7/90

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 928.782+/-4355.161 χ^2/NDF: 0.5/2

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

Right Out: -113.126+/-2971.434 χ^2/NDF: 10.4/4

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

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

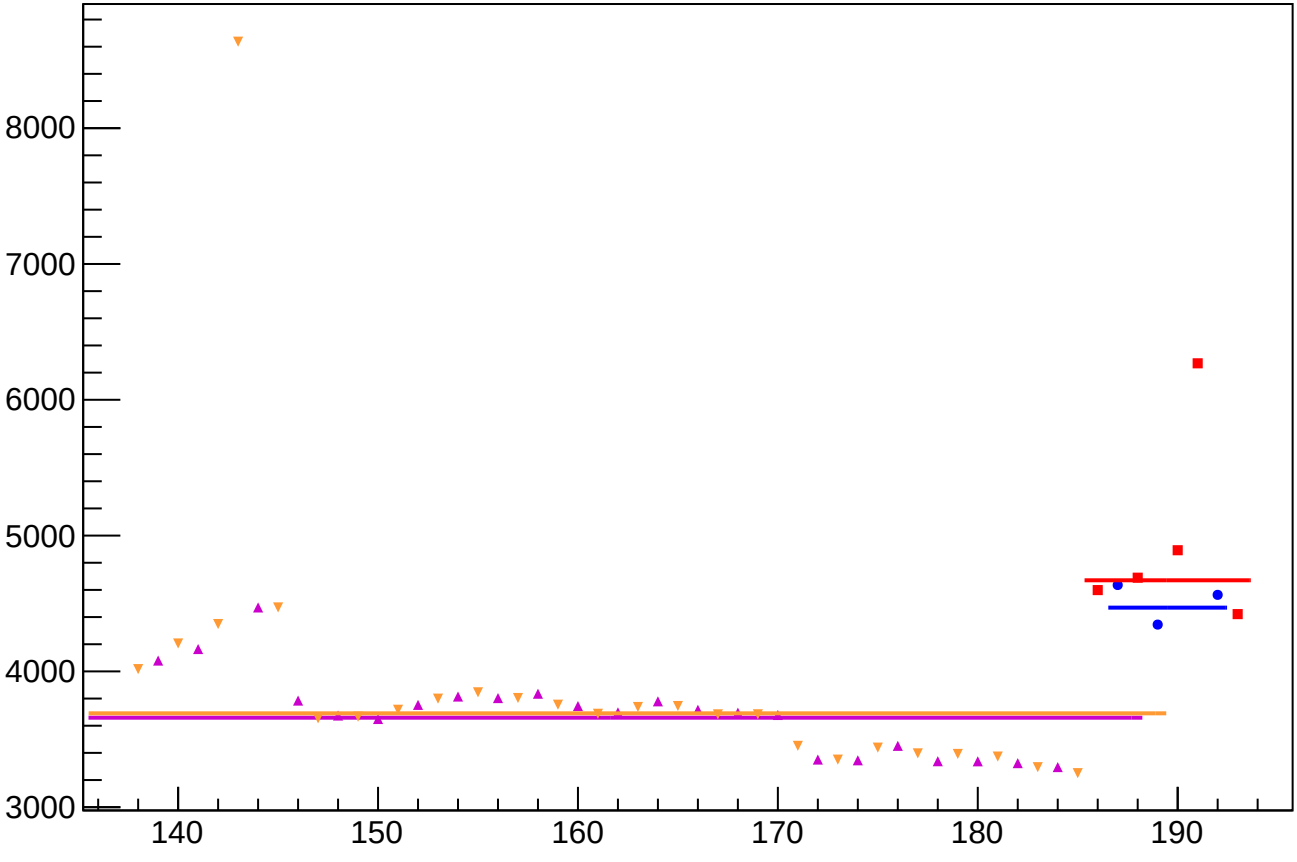
Right: 217.827+/-2454.554 χ^2/NDF: 10.9/7

In: -373.455+/-857.735 χ^2/NDF:21.9/25

Out: 167.088+/-834.870 χ^2/NDF:41.0/29

All: -95.883+/-598.263 χ^2/NDF: 63.1/55

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4469.473+/-3.080 χ^2/NDF: 1537.1/2

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

Right Out: 4670.838+/-2.101 χ^2/NDF: 27021.0/4

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

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

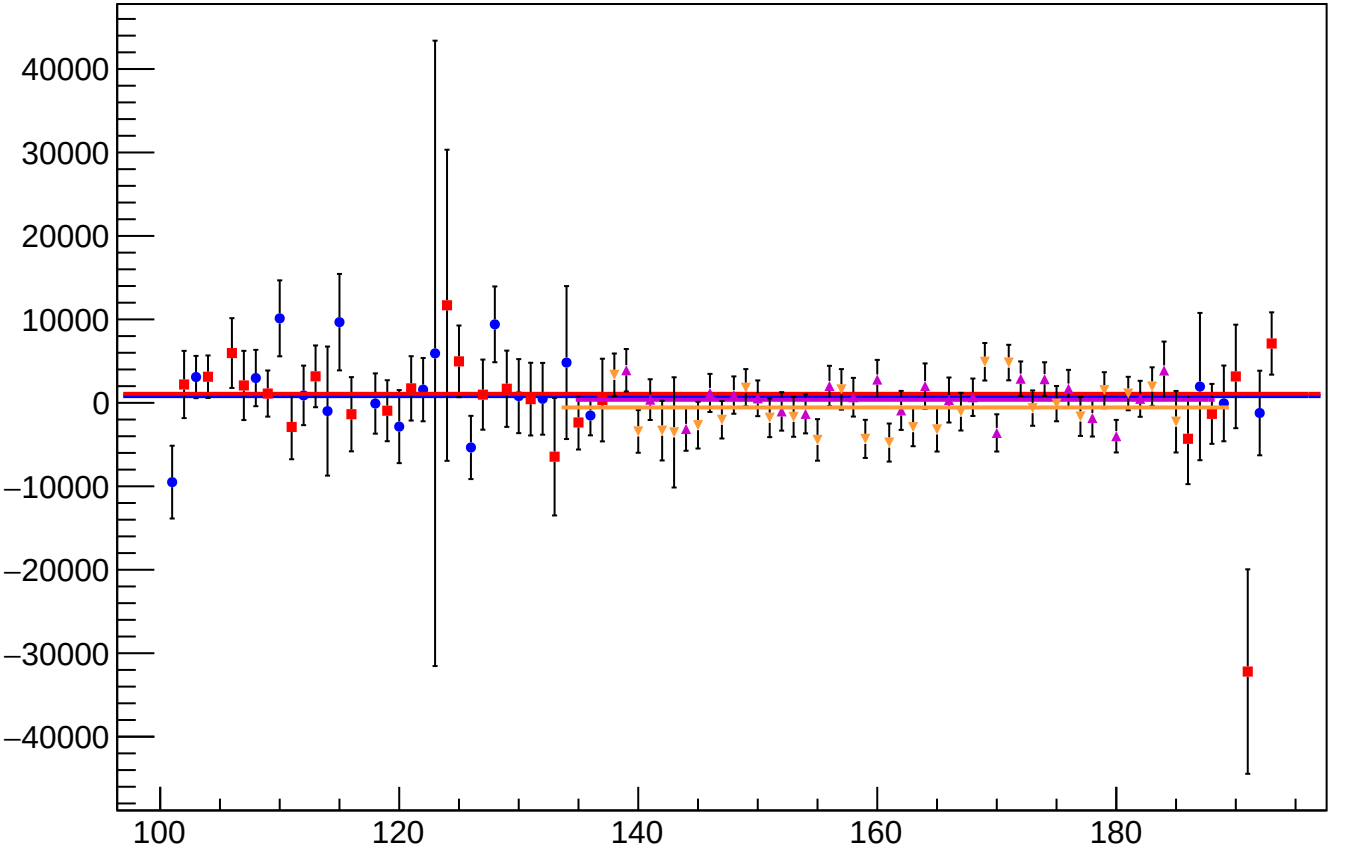
Right: 4606.877+/-1.736 χ^2/NDF: 31475.6/7

In: 3690.519+/-0.607 χ^2/NDF:266176.0/25

Out: 3768.512+/-0.590 χ^2/NDF:866731.6/29

All: 3730.569+/-0.423 χ^2/NDF: 1141398.9/55

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 804.888+/-920.135 χ^2/NDF: 21.8/19

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

Right Out: 1081.876+/-851.048 χ^2/NDF: 19.2/22

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

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

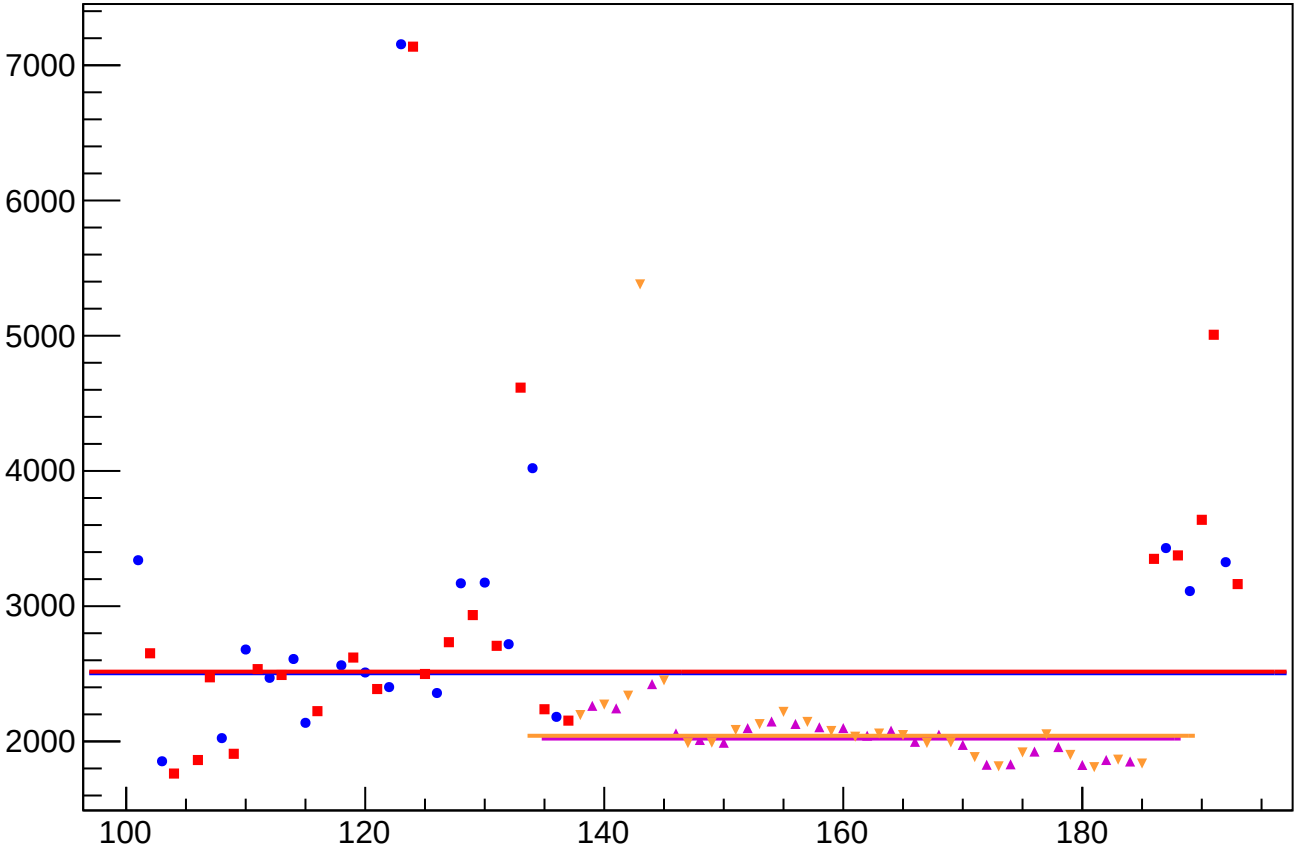
Right: 954.170+/-624.780 χ^2/NDF: 41.0/42

In: 461.028+/-427.725 χ^2/NDF:42.5/42

Out: -155.208+/-419.162 χ^2/NDF:56.0/47

All: 146.680+/-299.374 χ^2/NDF: 99.6/90

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2504.177+/-0.651 χ^2/NDF: 588972.7/19

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

Right Out: 2515.924+/-0.602 χ^2/NDF: 1057768.5/22

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

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

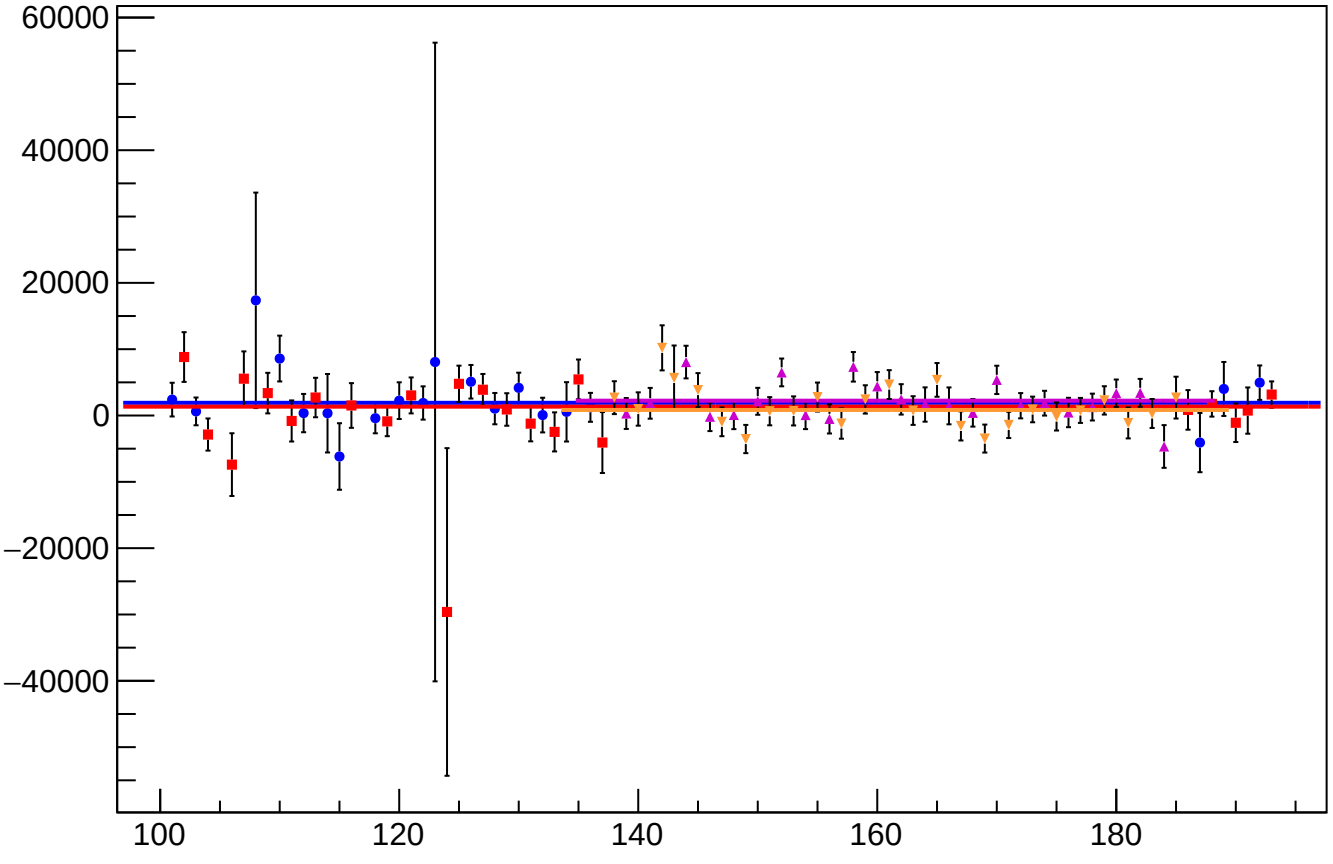
Right: 2510.508+/-0.442 χ^2/NDF: 1646917.0/42

In: 2125.459+/-0.302 χ^2/NDF:1199906.0/42

Out: 2156.800+/-0.296 χ^2/NDF:2234819.9/47

All: 2141.446+/-0.212 χ^2/NDF: 3440203.4/90

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1916.183+/-654.756 χ^2/NDF: 15.9/19

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

Right Out: 1336.010+/-594.849 χ^2/NDF: 25.8/22

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

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

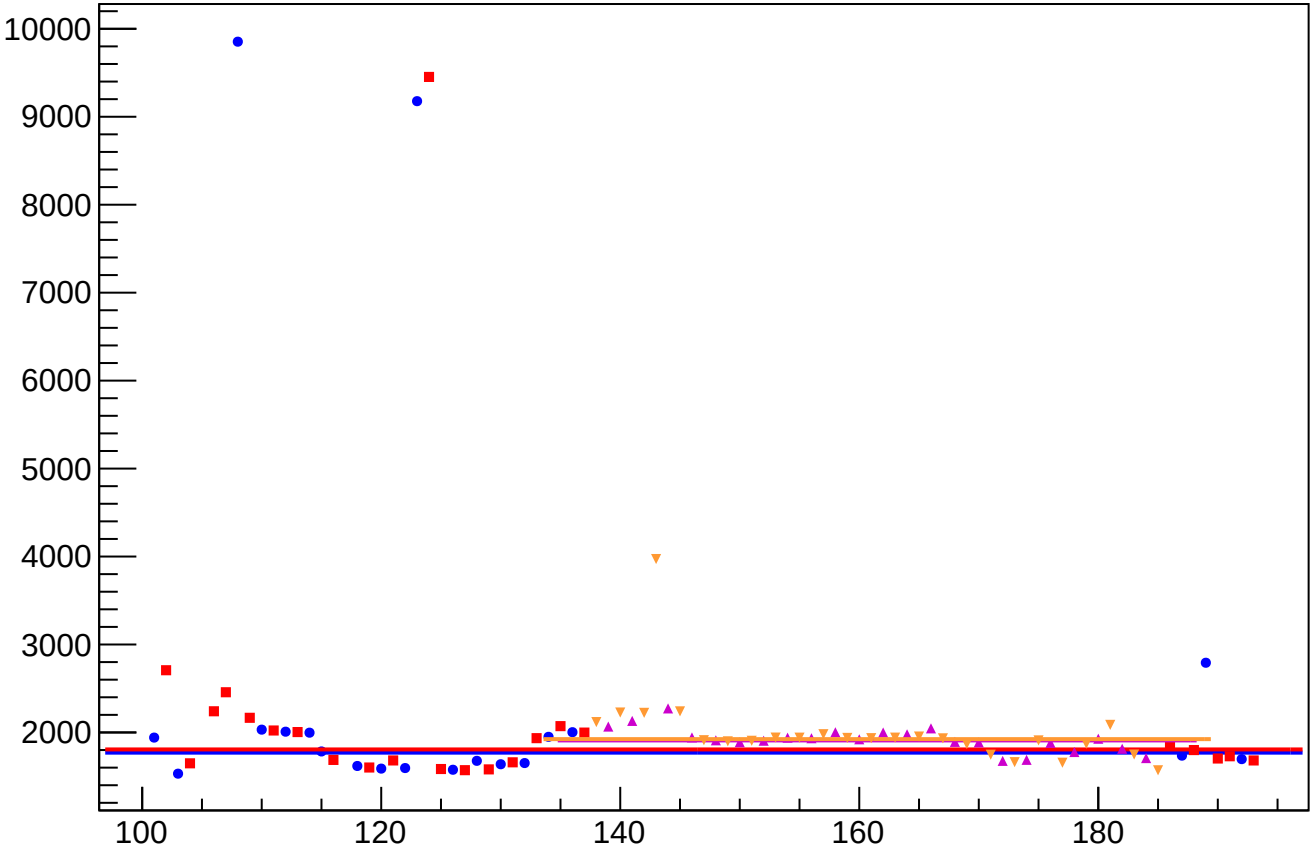
Right: 1598.346+/-440.281 χ^2/NDF: 42.1/42

In: 2130.779+/-375.143 χ^2/NDF:47.0/42

Out: 1021.206+/-361.149 χ^2/NDF:58.6/47

All: 1554.913+/-260.177 χ^2/NDF: 110.1/90

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1770.499+/-0.463 χ^2/NDF: 812697.5/19

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

Right Out: 1806.882+/-0.420 χ^2/NDF: 544711.5/22

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

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

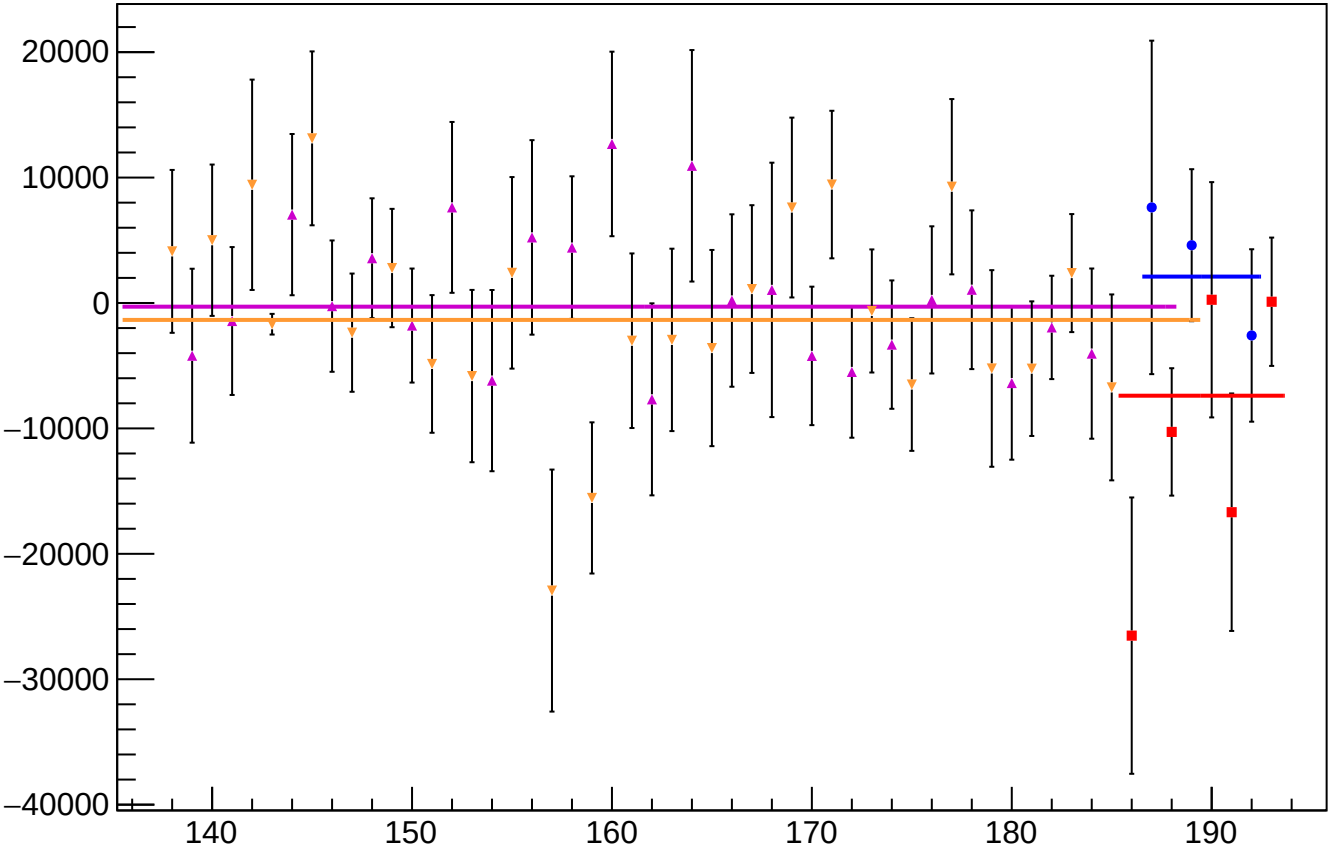
Right: 1790.446+/-0.311 χ^2/NDF: 1360794.6/42

In: 1863.975+/-0.265 χ^2/NDF:1037857.4/42

Out: 1880.832+/-0.255 χ^2/NDF:1177719.2/47

All: 1872.726+/-0.184 χ^2/NDF: 2217673.1/90

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 2104.332+/-4301.463 χ^2/NDF: 0.8/2

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

Right Out: -7392.869+/-3046.615 χ^2/NDF: 7.1/4

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

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

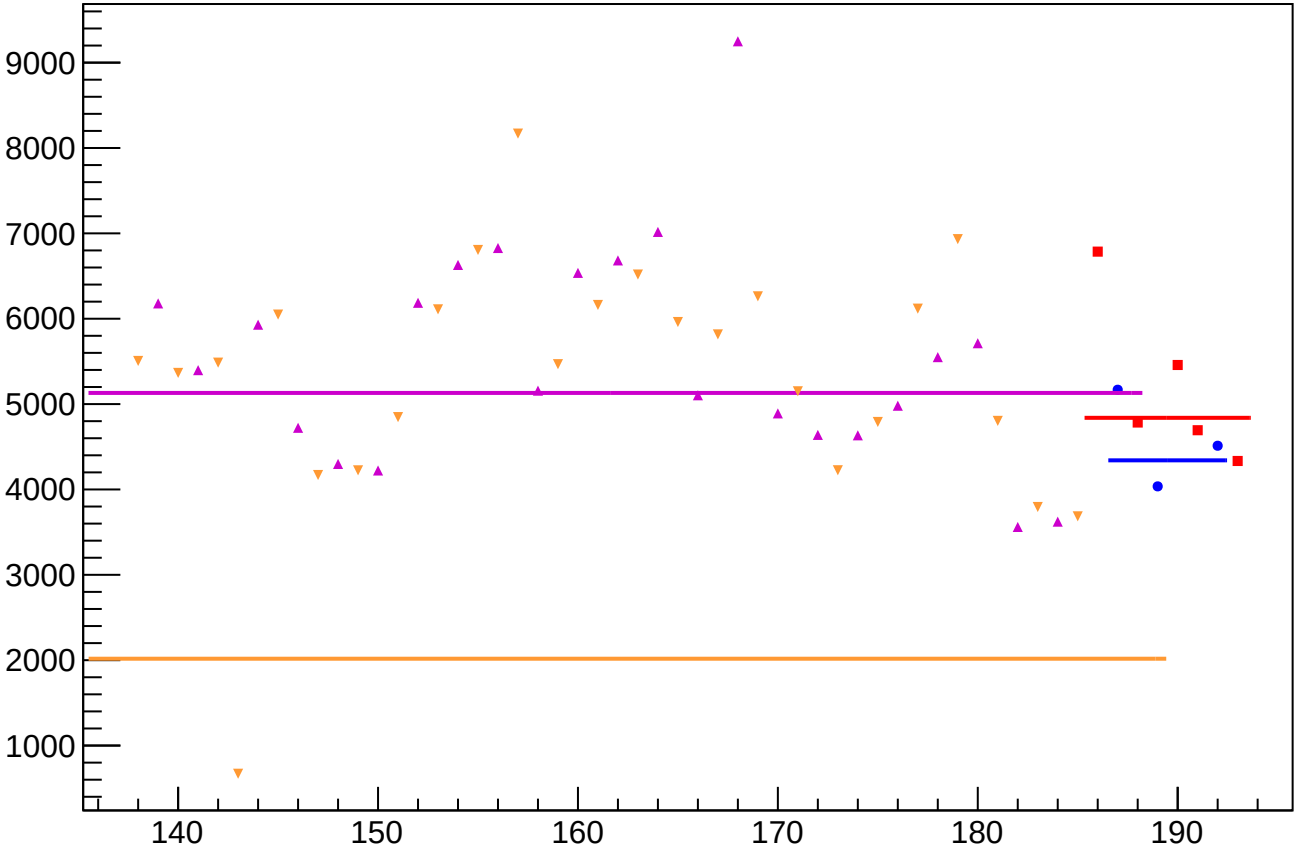
Right: -4220.170+/-2486.182 χ^2/NDF: 11.2/7

In: -106.655+/-1202.357 χ^2/NDF:15.6/25

Out: -1644.977+/-673.567 χ^2/NDF:41.8/29

All: -1277.523+/-587.640 χ^2/NDF: 58.6/55

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 4341.046+/-3.042 χ^2/NDF: 14043.7/2

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

Right Out: 4839.172+/-2.154 χ^2/NDF: 91403.4/4

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

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

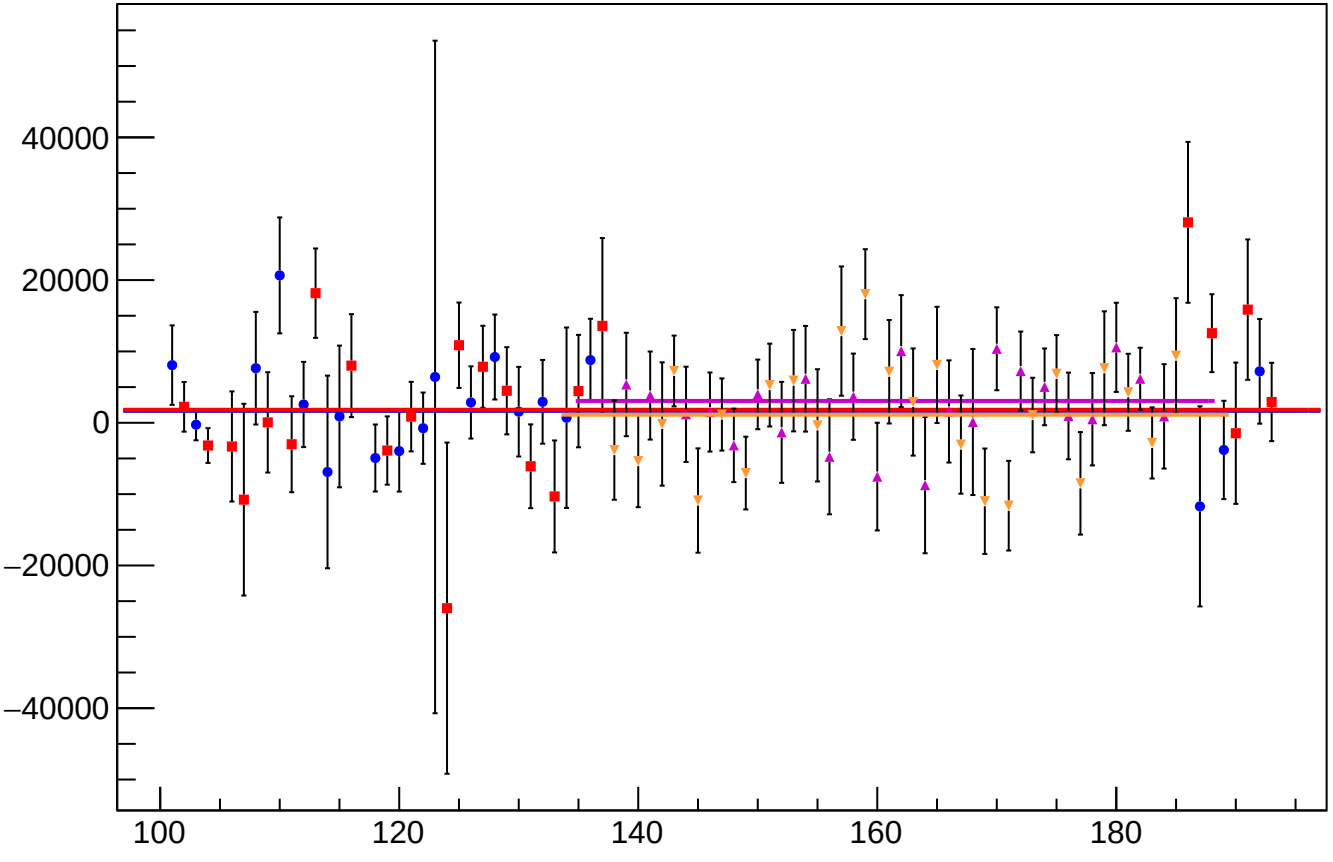
Right: 4672.765+/-1.758 χ^2/NDF: 123308.2/7

In: 5069.054+/-0.850 χ^2/NDF:1566001.2/25

Out: 2155.179+/-0.476 χ^2/NDF:20883154.4/29

All: 2851.207+/-0.416 χ^2/NDF: 31389734.2/5

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1677.344+/-1254.670 χ^2/NDF: 17.1/19

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

Right Out: 1825.199+/-1198.985 χ^2/NDF: 36.9/22

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

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

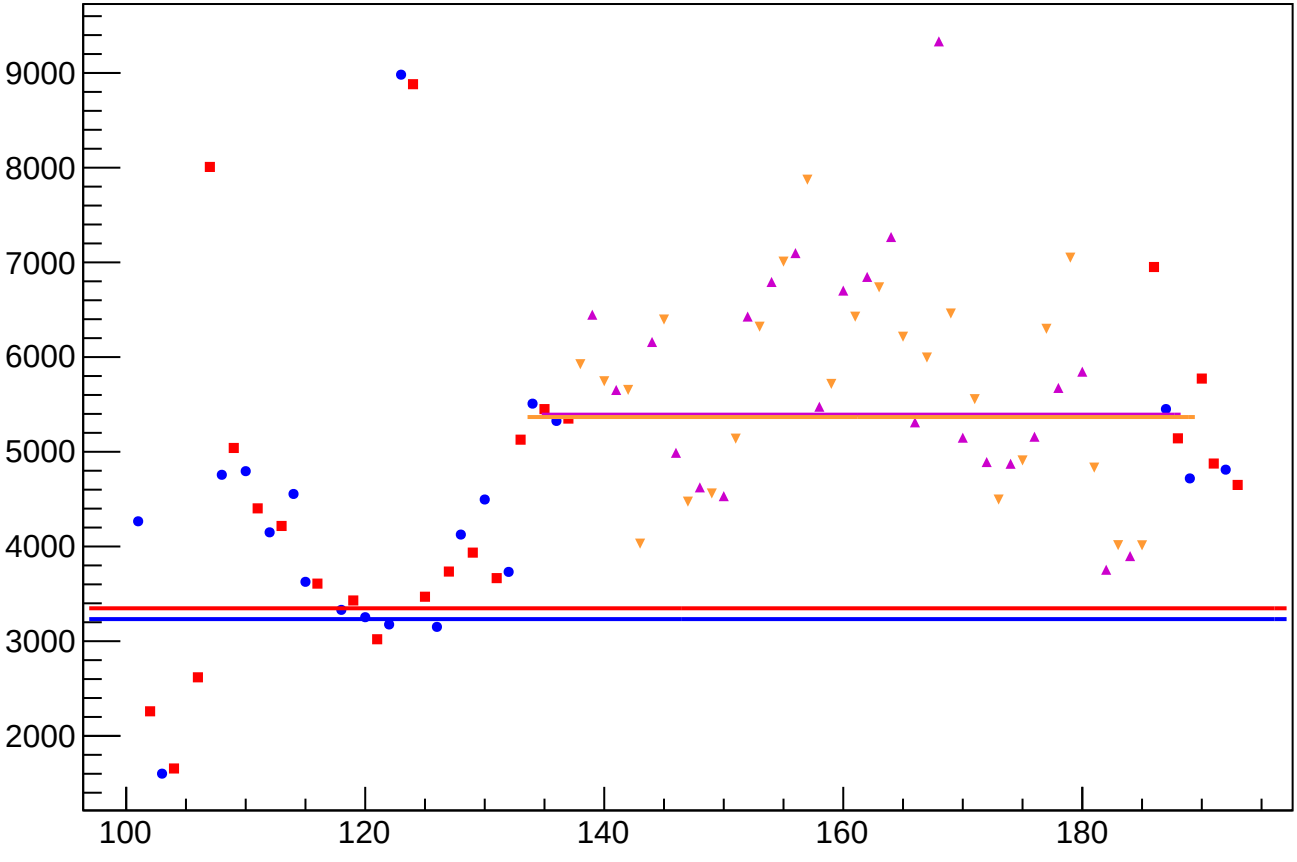
Right: 1754.625+/-866.828 χ^2/NDF: 54.0/42

In: 2337.862+/-907.171 χ^2/NDF:30.0/42

Out: 1501.520+/-875.118 χ^2/NDF:69.5/47

All: 1904.655+/-629.829 χ^2/NDF: 100.0/90

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3233.276+/-0.887 χ^2/NDF: 2131988.6/19

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

Right Out: 3347.369+/-0.837 χ^2/NDF: 2797539.6/22

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

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

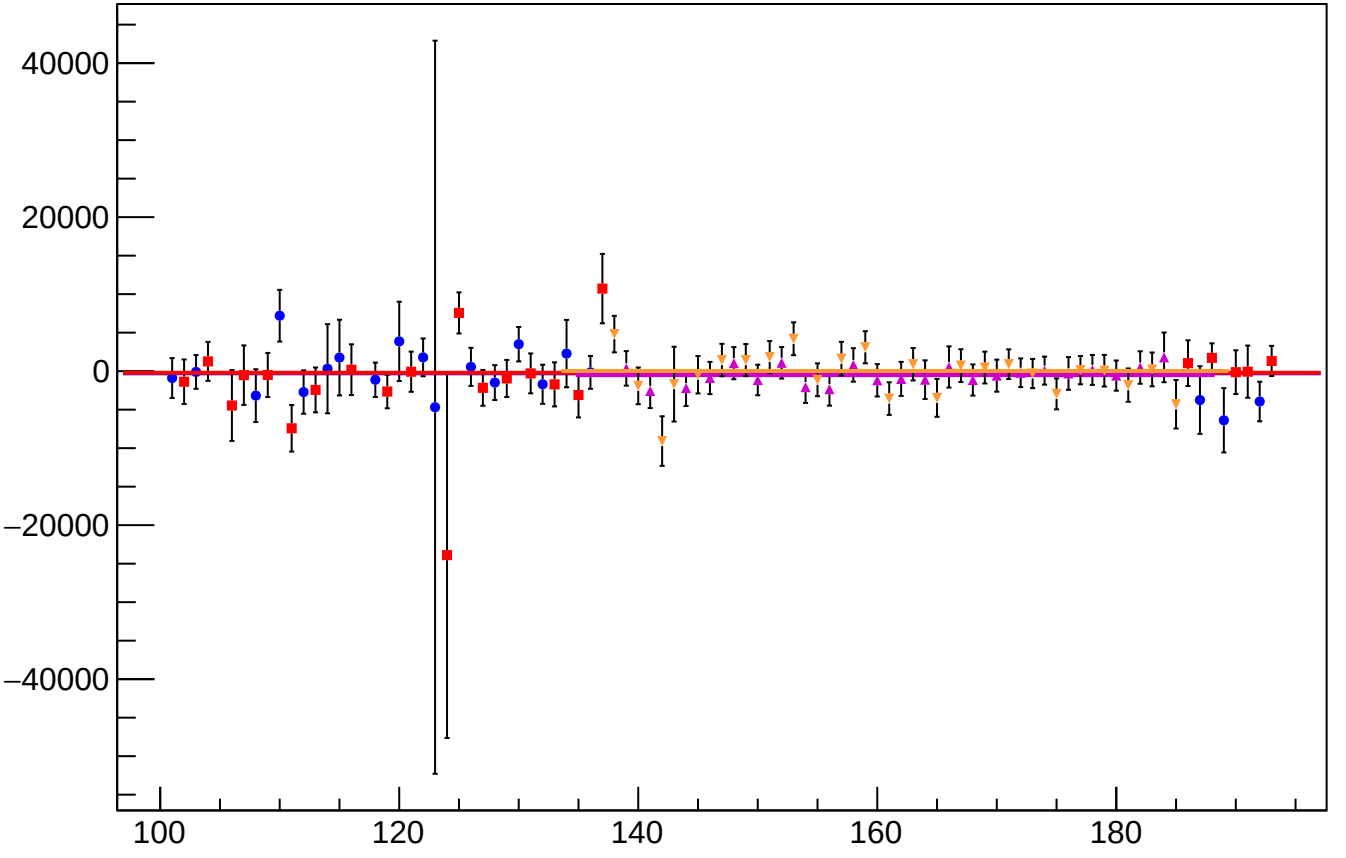
Right: 3293.633+/-0.609 χ^2/NDF: 4938277.1/42

In: 4263.451+/-0.641 χ^2/NDF:6277805.0/42

Out: 4278.305+/-0.615 χ^2/NDF:6694017.9/47

All: 4271.196+/-0.444 χ^2/NDF: 12972102.4/9

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -279.197+/-648.118 χ^2/NDF: 16.9/19

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

Right Out: -212.903+/-578.021 χ^2/NDF: 28.2/22

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

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

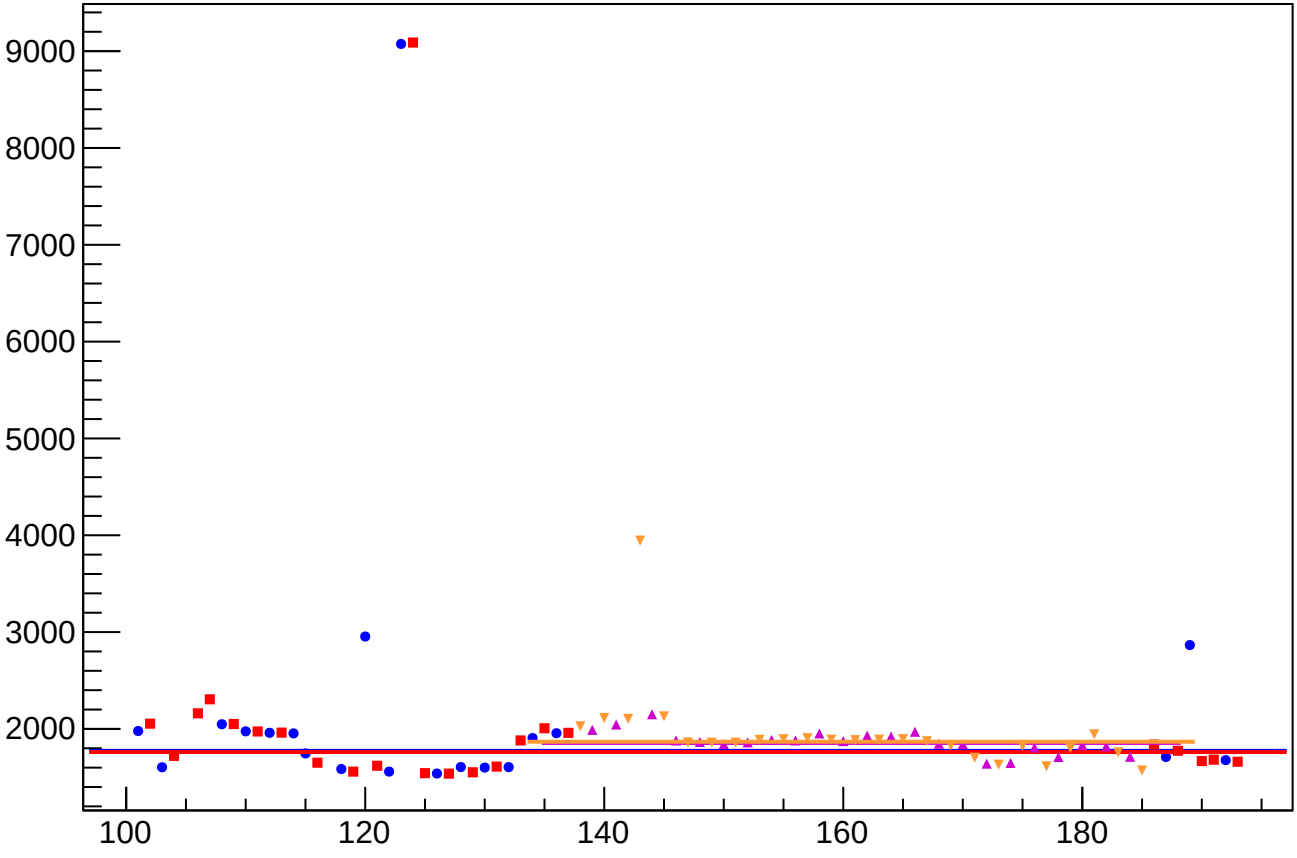
Right: -242.272+/-431.385 χ^2/NDF: 45.1/42

In: -439.381+/-366.517 χ^2/NDF:22.9/42

Out: -63.489+/-350.470 χ^2/NDF:60.0/47

All: -243.026+/-253.303 χ^2/NDF: 83.4/90

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1773.047+/-0.458 χ^2/NDF: 442775.2/19

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

Right Out: 1760.980+/-0.408 χ^2/NDF: 418839.5/22

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

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

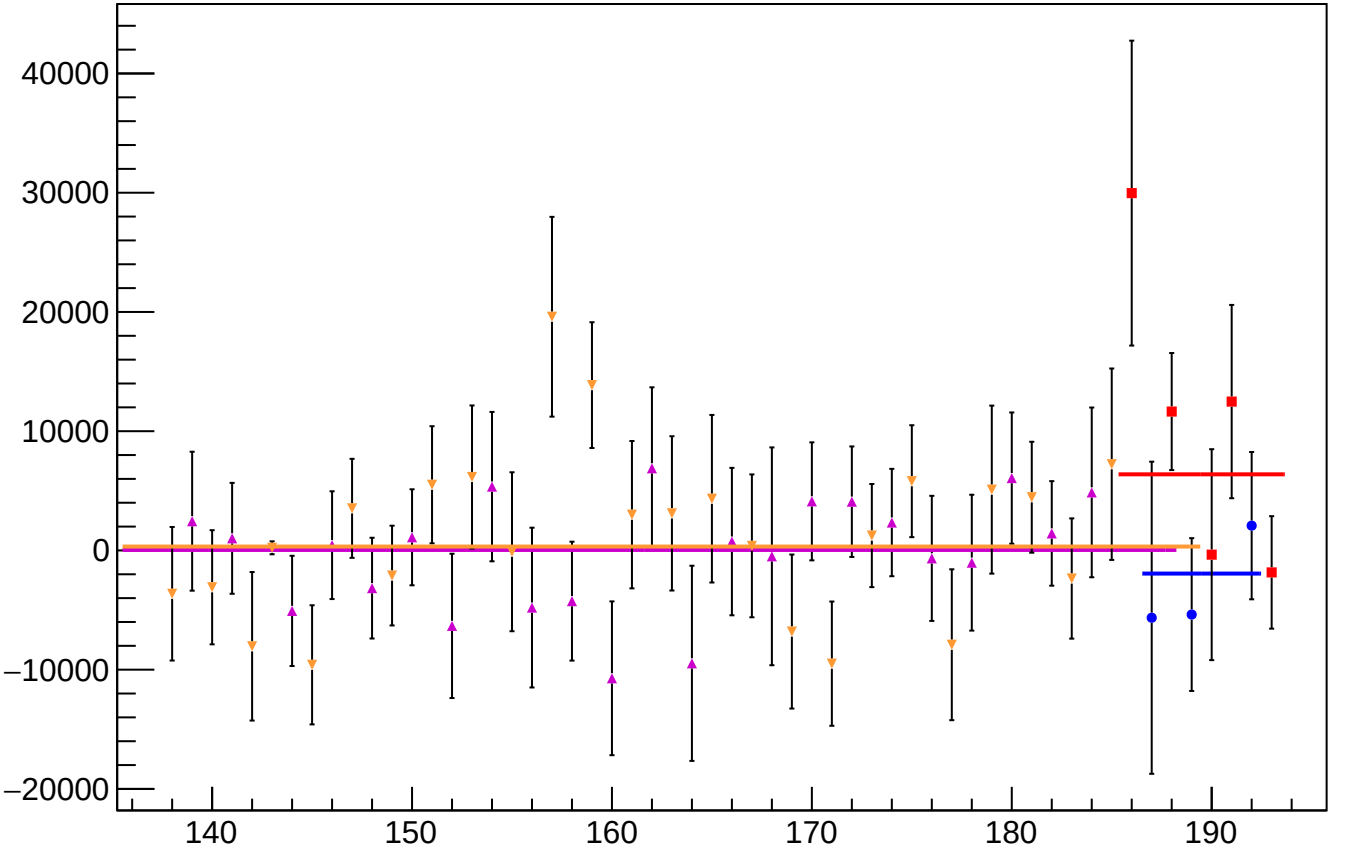
Right: 1766.319+/-0.305 χ^2/NDF: 862001.3/42

In: 1829.117+/-0.259 χ^2/NDF:601001.4/42

Out: 1828.308+/-0.248 χ^2/NDF:1007227.0/47

All: 1828.695+/-0.179 χ^2/NDF: 1608233.4/90

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -1940.565+/-4210.476 χ^2/NDF: 0.8/2

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

Right Out: 6381.989+/-2879.766 χ^2/NDF: 8.7/4

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

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

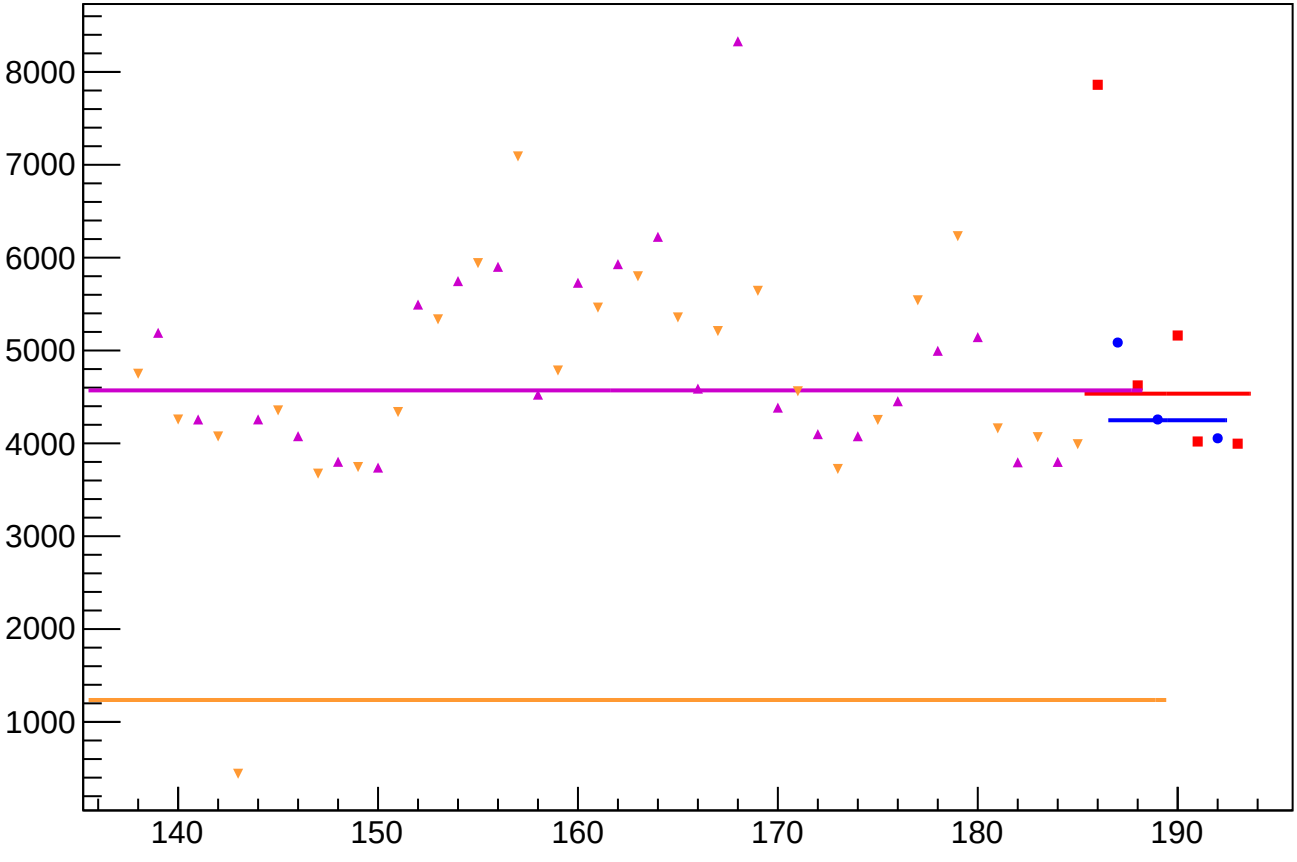
Right: 3729.556+/-2376.977 χ^2/NDF: 12.2/7

In: -88.517+/-1073.100 χ^2/NDF:14.9/25

Out: 494.370+/-481.370 χ^2/NDF:45.6/29

All: 396.727+/-439.205 χ^2/NDF: 60.7/55

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4248.784+/-2.977 χ^2/NDF: 10158.7/2

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

Right Out: 4535.136+/-2.036 χ^2/NDF: 180231.1/4

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

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

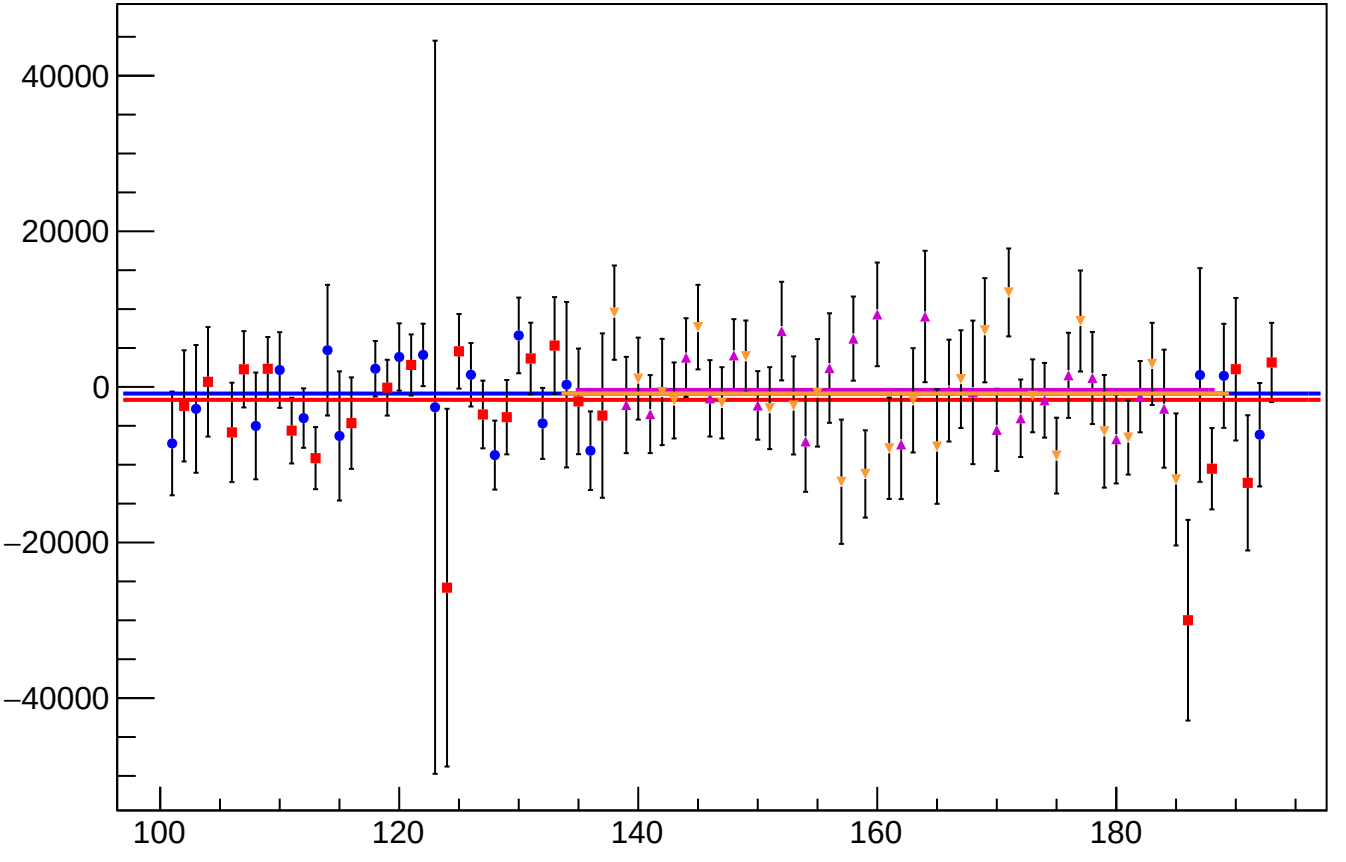
Right: 4443.874+/-1.681 χ^2/NDF: 196692.2/7

In: 4549.507+/-0.759 χ^2/NDF:1166281.4/25

Out: 1328.346+/-0.340 χ^2/NDF:26127431.8/29

All: 1867.939+/-0.311 χ^2/NDF: 42295783.5/5

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -852.784+/-1201.551 χ^2/NDF: 16.3/19

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

Right Out: -1661.835+/-1112.389 χ^2/NDF: 24.4/22

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

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

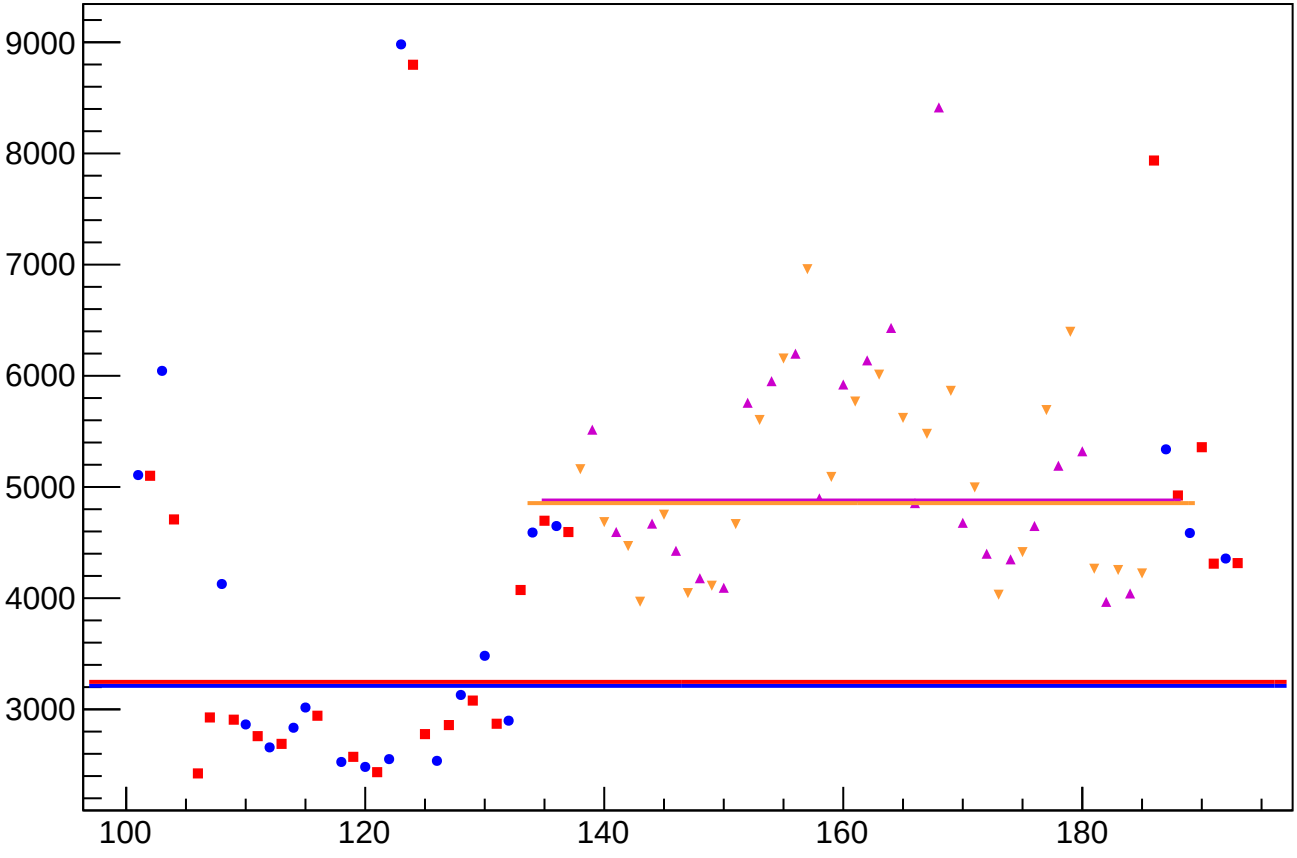
Right: -1288.438+/-816.281 χ^2/NDF: 41.0/42

In: -614.998+/-842.431 χ^2/NDF:30.3/42

Out: -1268.147+/-800.442 χ^2/NDF:54.7/47

All: -958.255+/-580.274 χ^2/NDF: 85.3/90

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3211.585+/-0.850 χ^2/NDF: 1165966.0/19

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

Right Out: 3247.275+/-0.778 χ^2/NDF: 1548589.5/22

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

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

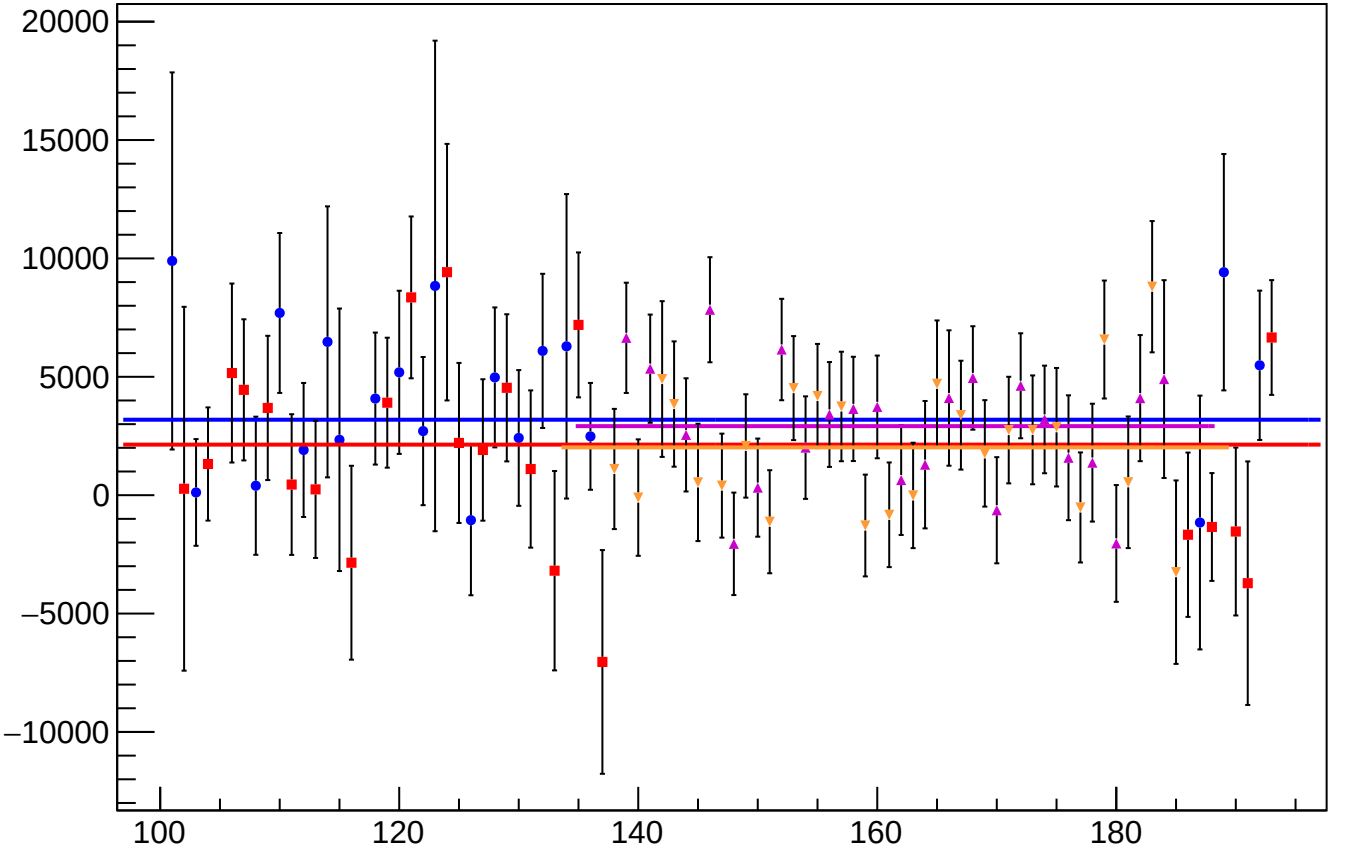
Right: 3230.997+/-0.574 χ^2/NDF: 2715515.2/42

In: 4058.971+/-0.596 χ^2/NDF:4087698.3/42

Out: 4013.733+/-0.563 χ^2/NDF:4479816.3/47

All: 4035.068+/-0.409 χ^2/NDF: 8570562.0/90

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3187.218+/-754.612 χ^2/NDF: 12.7/19

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

Right Out: 2135.406+/-675.401 χ^2/NDF: 27.6/22

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

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

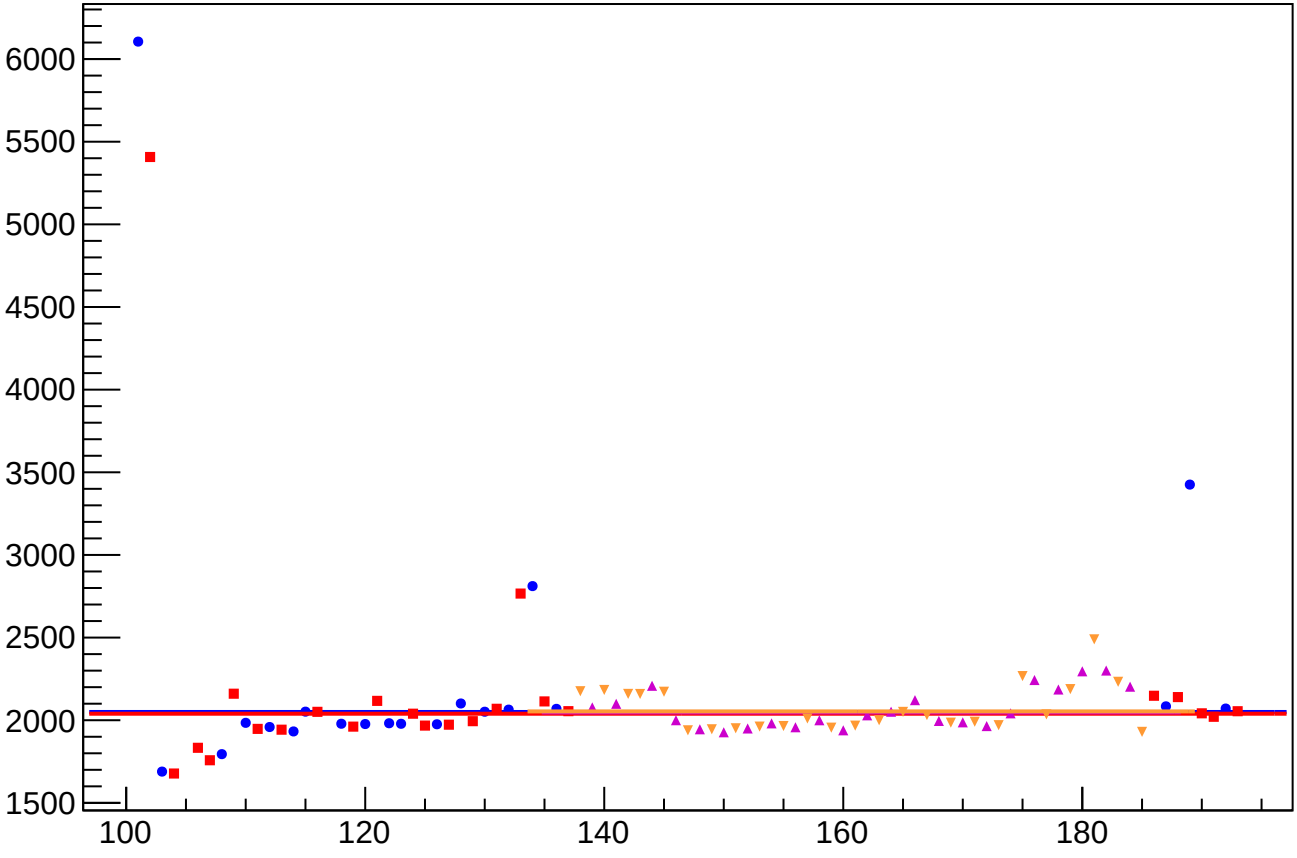
Right: 2603.229+/-503.263 χ^2/NDF: 41.4/42

In: 2996.368+/-410.634 χ^2/NDF:41.6/42

Out: 2058.425+/-391.981 χ^2/NDF:54.8/47

All: 2505.610+/-283.537 χ^2/NDF: 99.1/90

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2049.943+/-0.534 χ^2/NDF: 774088.2/19

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

Right Out: 2039.395+/-0.477 χ^2/NDF: 533388.3/22

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

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

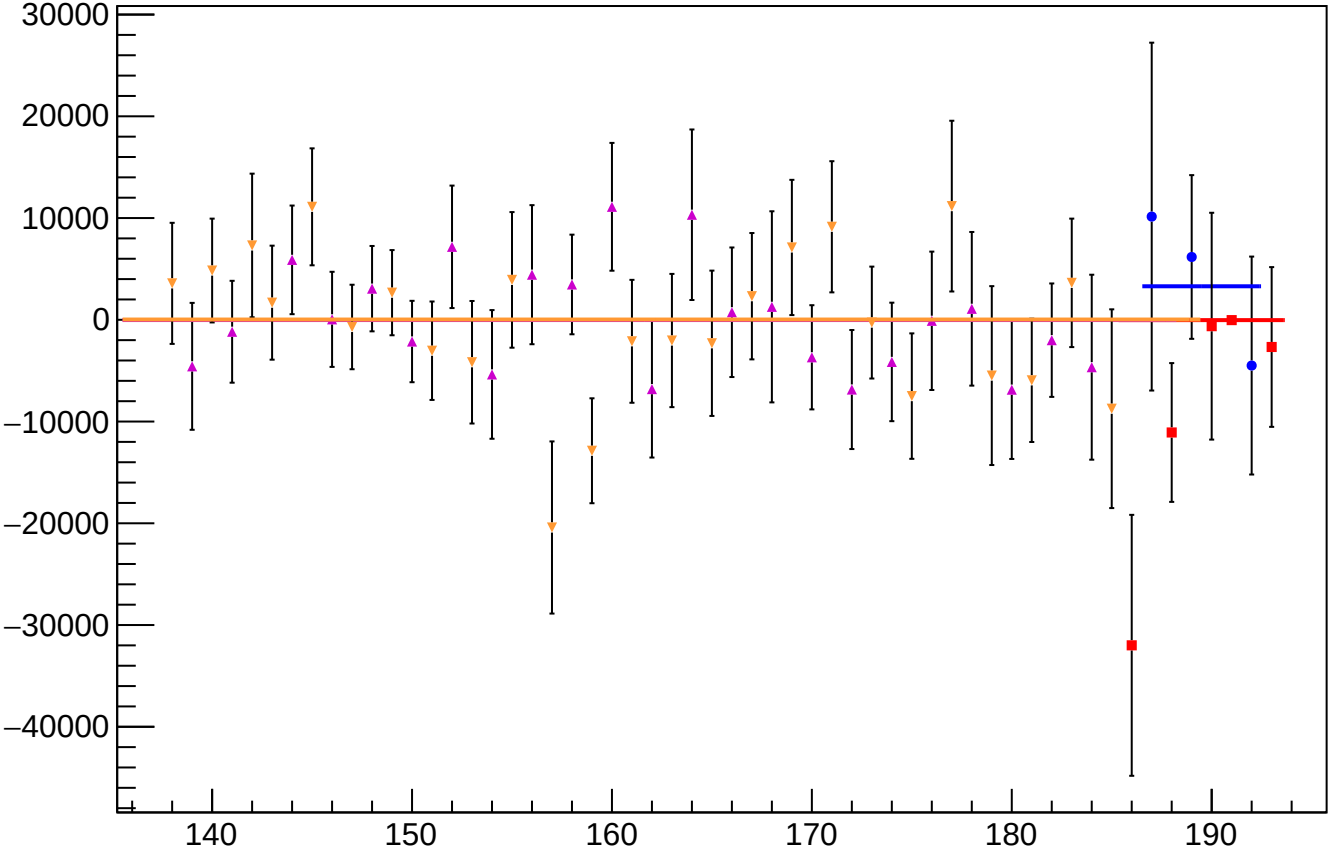
Right: 2044.085+/-0.356 χ^2/NDF: 1307693.4/42

In: 2048.067+/-0.290 χ^2/NDF:877106.9/42

Out: 2048.612+/-0.277 χ^2/NDF:670838.4/47

All: 2048.352+/-0.200 χ^2/NDF: 1547947.1/90

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 3294.210+/-6020.289 χ^2/NDF: 0.8/2

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

Right Out: -31.703+/-15.145 χ^2/NDF: 9.0/4

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

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

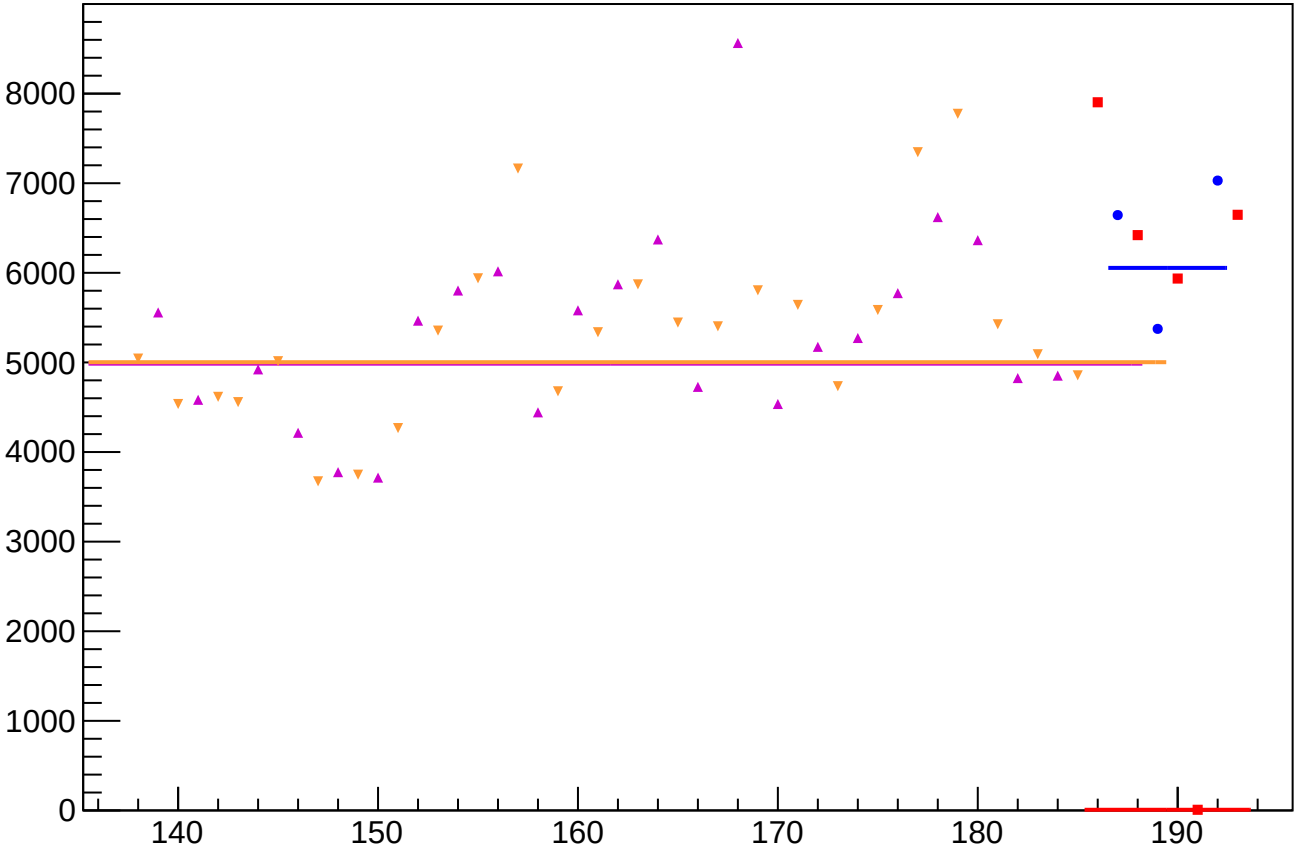
Right: -31.682+/-15.145 χ^2/NDF: 10.1/7

In: 105.401+/-1187.834 χ^2/NDF:16.3/25

Out: -31.693+/-15.144 χ^2/NDF:38.2/29

All: -31.671+/-15.143 χ^2/NDF: 54.5/55

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 6054.997+/-4.257 χ^2/NDF: 33243.8/2

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

Right Out: 7.585+/-0.011 χ^2/NDF: 4523315.4/4

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

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

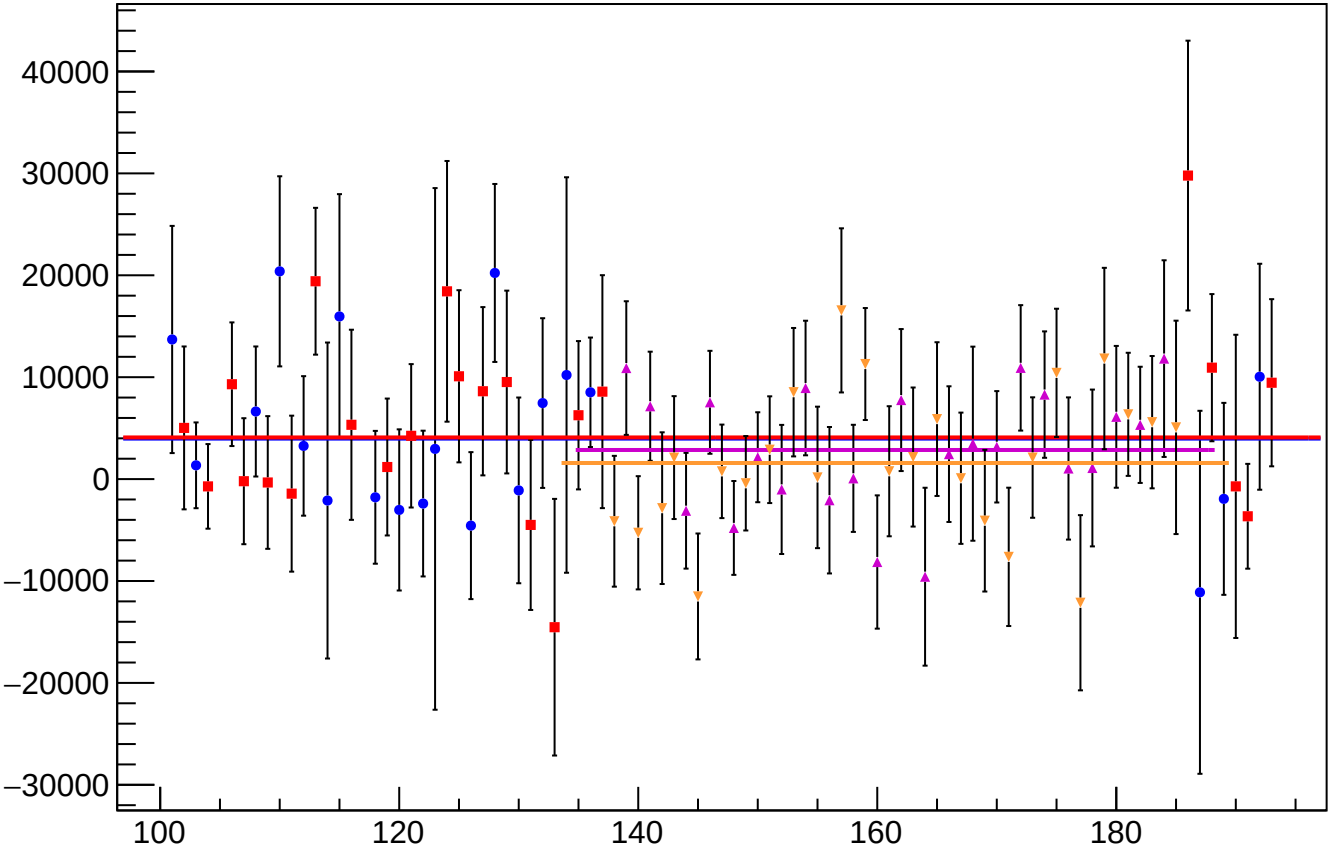
Right: 7.623+/-0.011 χ^2/NDF: 6574608.2/7

In: 5027.778+/-0.840 χ^2/NDF:1291431.6/25

Out: 8.388+/-0.011 χ^2/NDF:40628262.1/29

All: 9.203+/-0.011 χ^2/NDF: 77626434.7/55

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3974.969+/-1789.441 χ^2/NDF: 15.5/19

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

Right Out: 4087.099+/-1548.027 χ^2/NDF: 21.7/22

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

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

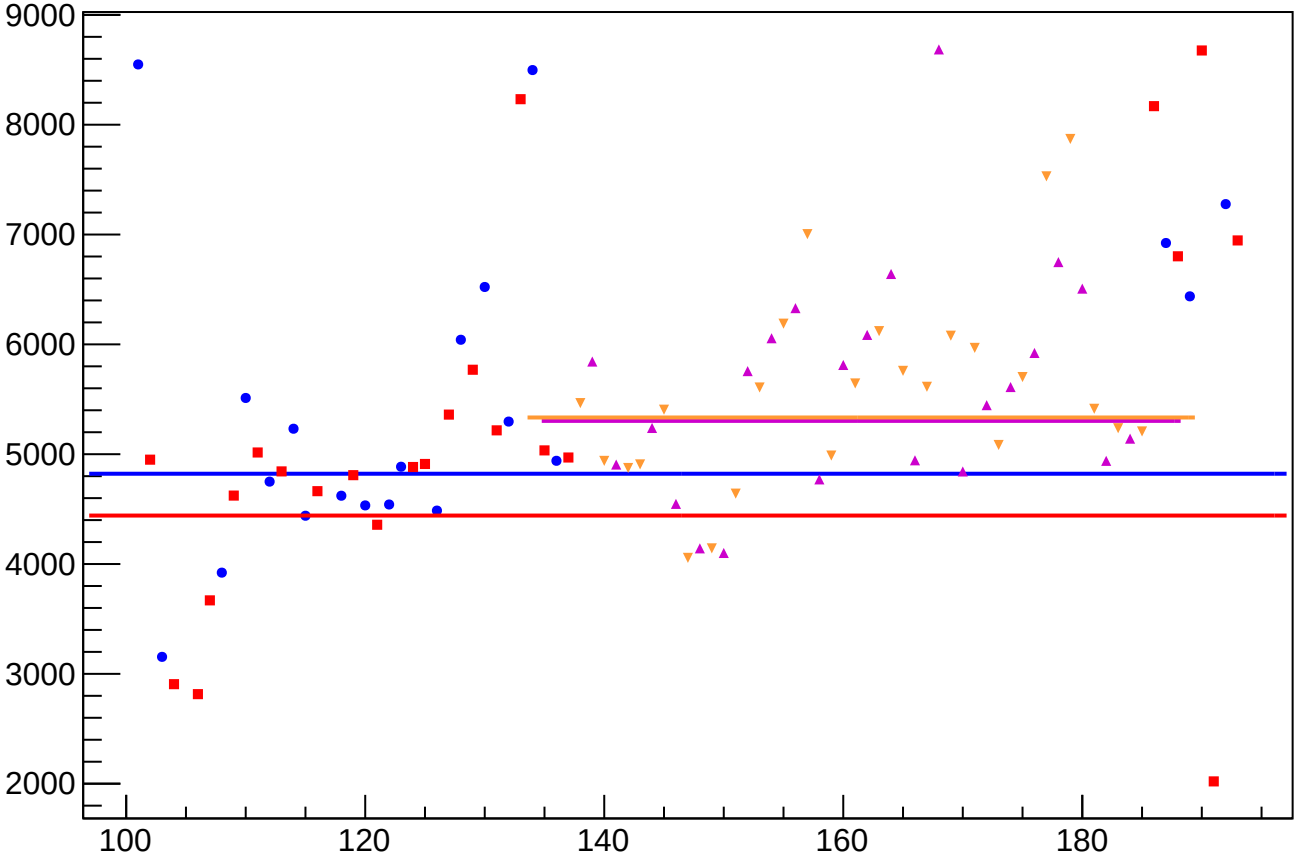
Right: 4039.103+/-1170.741 χ^2/NDF: 37.2/42

In: 3236.679+/-1043.295 χ^2/NDF:33.9/42

Out: 2585.183+/-980.051 χ^2/NDF:48.4/47

All: 2890.587+/-714.313 χ^2/NDF: 82.5/90

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4822.107+/-1.265 χ^2/NDF: 976431.4/19

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

Right Out: 4441.352+/-1.090 χ^2/NDF: 1960785.0/22

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

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

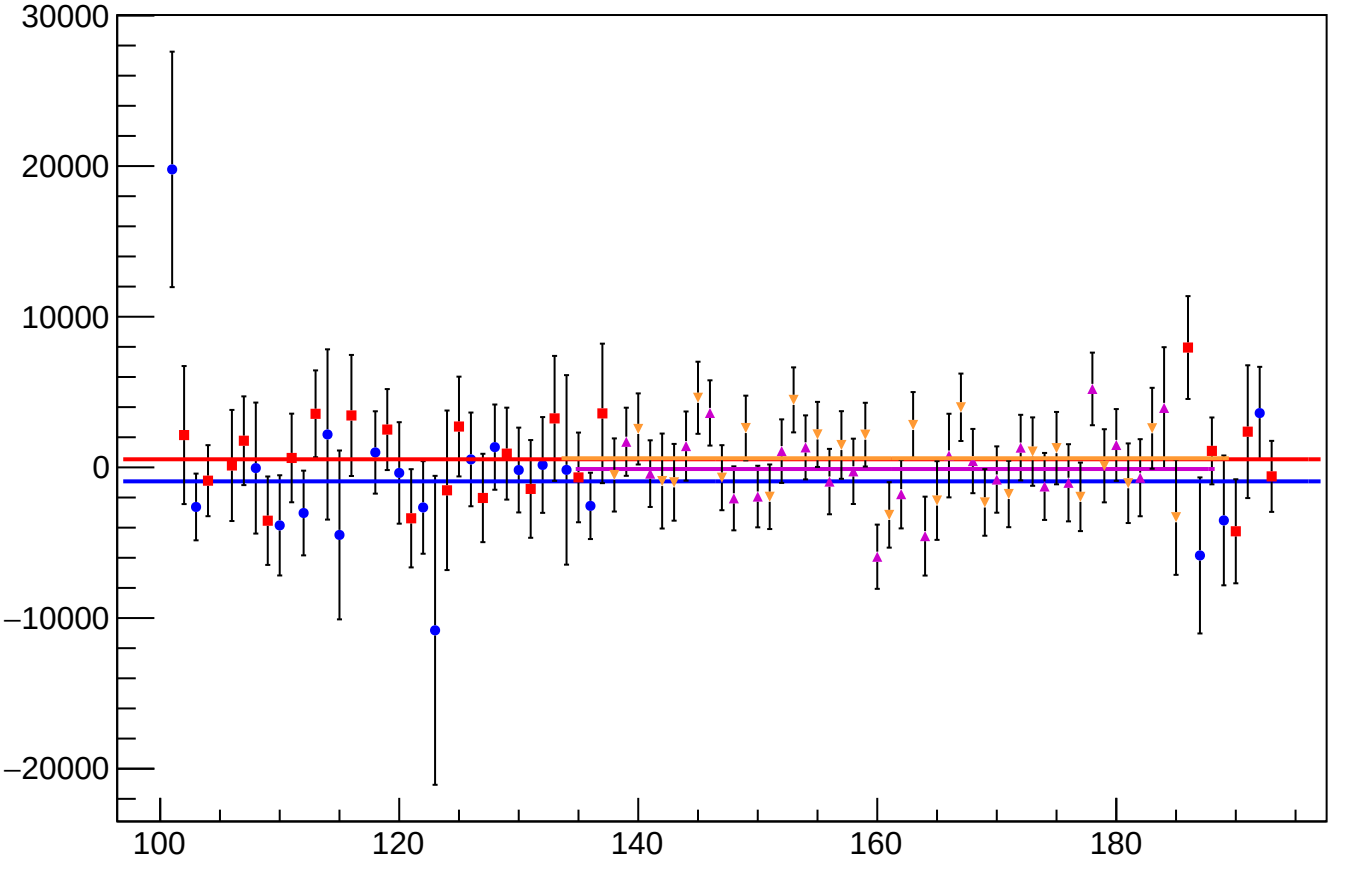
Right: 4603.462+/-0.826 χ^2/NDF: 2989213.6/42

In: 5139.746+/-0.738 χ^2/NDF:2032257.3/42

Out: 4974.345+/-0.692 χ^2/NDF:3227099.4/47

All: 5051.726+/-0.505 χ^2/NDF: 5286107.4/90

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -926.736+/-750.968 χ^2/NDF: 16.5/19

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

Right Out: 538.035+/-655.030 χ^2/NDF: 16.1/22

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

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

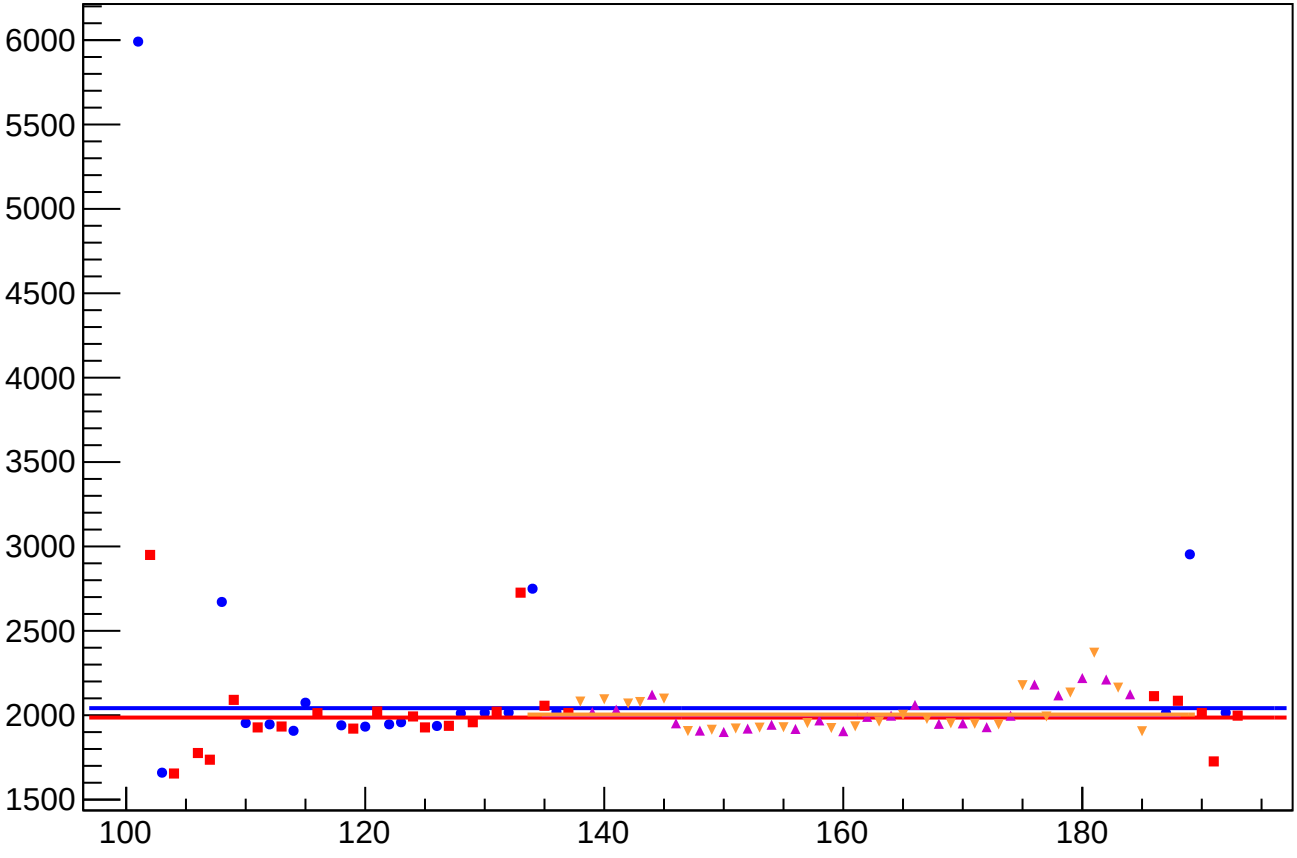
Right: -94.865+/-493.633 χ^2/NDF: 34.7/42

In: -344.256+/-403.182 χ^2/NDF:42.3/42

Out: 582.806+/-381.545 χ^2/NDF:41.3/47

All: 144.817+/-277.127 χ^2/NDF: 86.4/90

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2041.949+/-0.531 χ^2/NDF: 742340.3/19

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

Right Out: 1986.191+/-0.463 χ^2/NDF: 235071.9/22

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

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

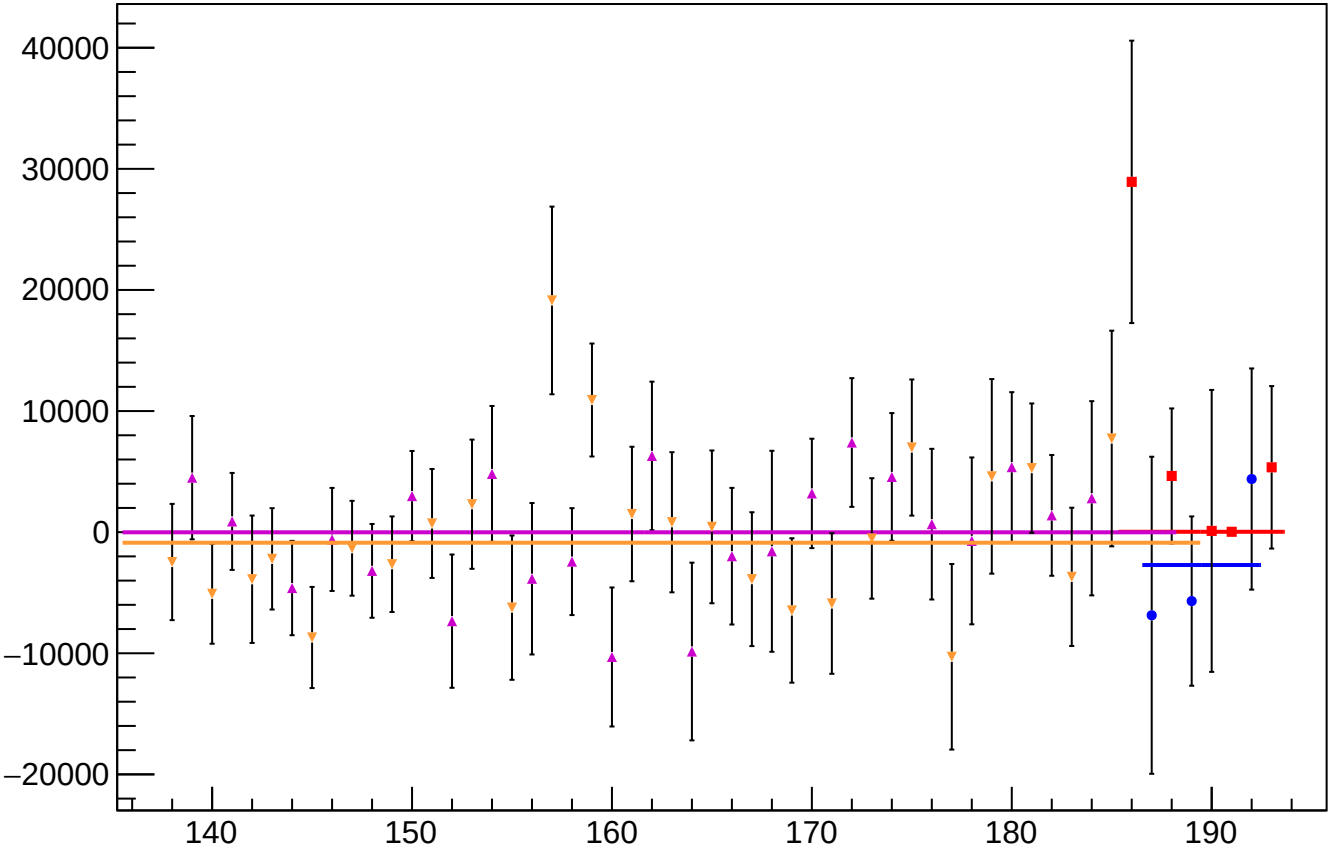
Right: 2010.262+/-0.349 χ^2/NDF: 983678.2/42

In: 2012.176+/-0.285 χ^2/NDF:826445.8/42

Out: 1997.943+/-0.270 χ^2/NDF:336030.1/47

All: 2004.666+/-0.196 χ^2/NDF: 1163791.2/90

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -2712.198+/-5110.637 χ^2/NDF: 0.9/2

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

Right Out: 31.152+/-14.261 χ^2/NDF: 7.5/4

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

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

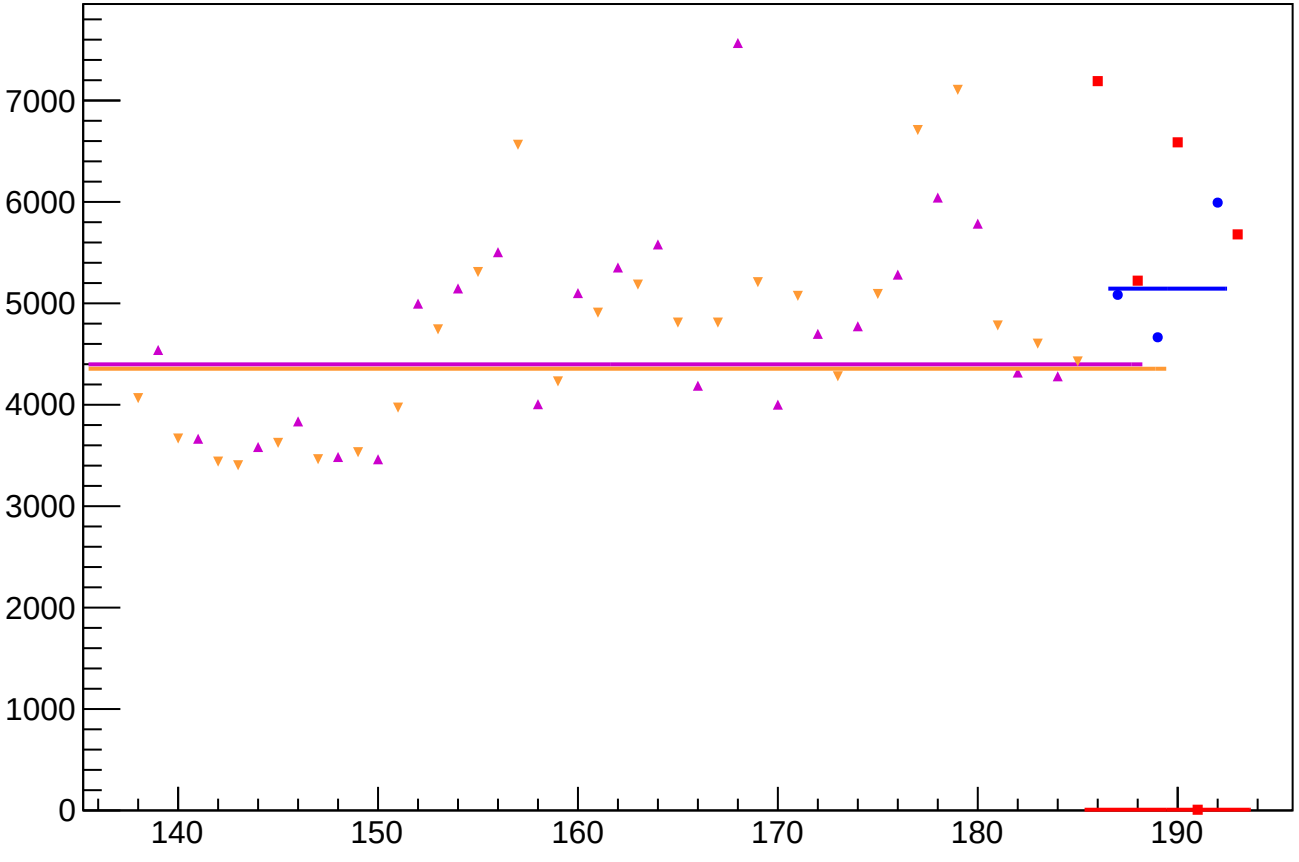
Right: 31.130+/-14.261 χ^2/NDF: 8.6/7

In: -124.434+/-1047.534 χ^2/NDF:18.3/25

Out: 30.983+/-14.259 χ^2/NDF:36.5/29

All: 30.954+/-14.258 χ^2/NDF: 54.9/55

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 5145.002+/-3.614 χ^2/NDF: 26713.5/2

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

Right Out: 7.150+/-0.010 χ^2/NDF: 4578567.7/4

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

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

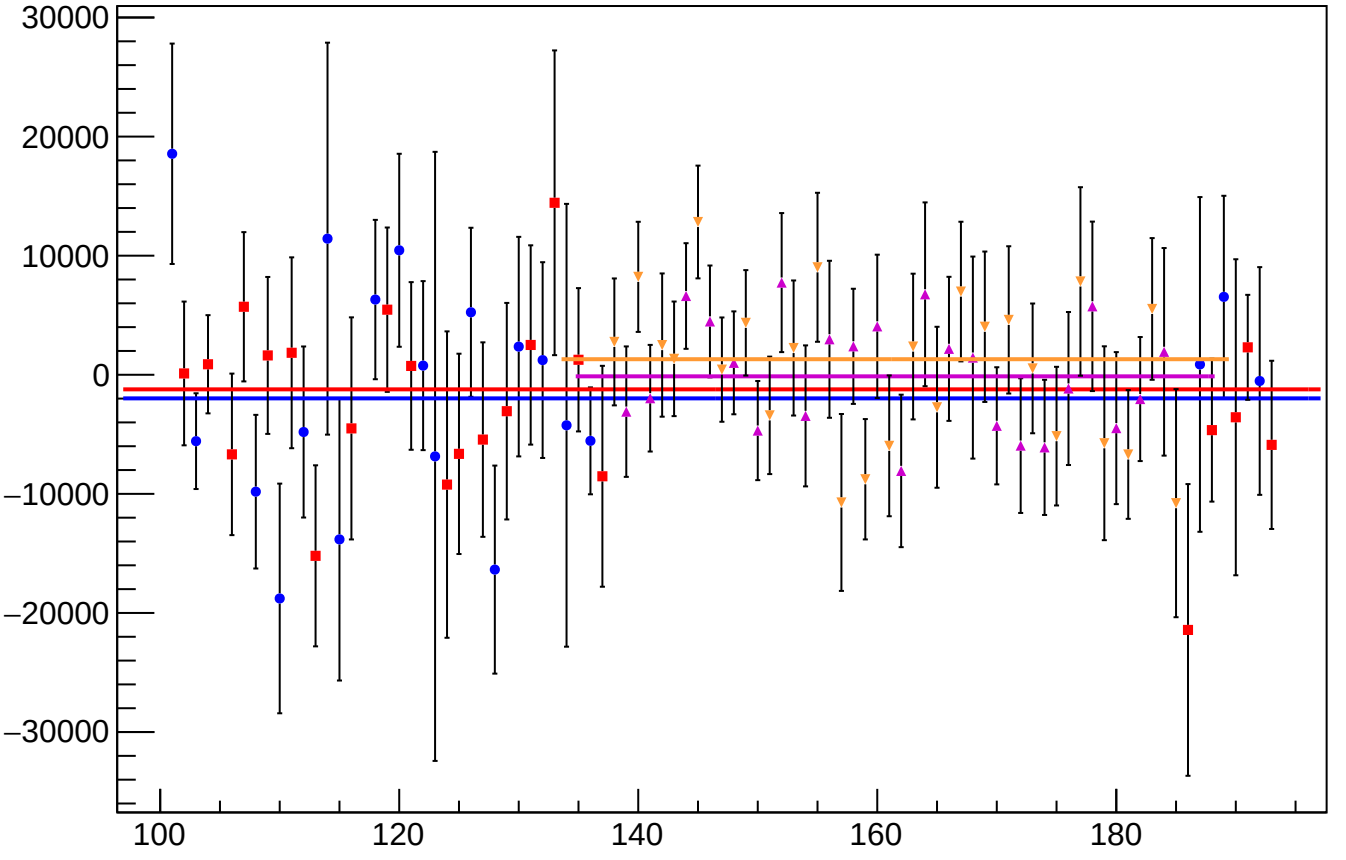
Right: 7.190+/-0.010 χ^2/NDF: 6626623.6/7

In: 4429.787+/-0.741 χ^2/NDF:1346385.5/25

Out: 7.962+/-0.010 χ^2/NDF:40654285.9/29

All: 8.781+/-0.010 χ^2/NDF: 77630694.4/55

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1981.993+/-1716.366 χ^2/NDF: 22.0/19

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

Right Out: -1224.500+/-1473.426 χ^2/NDF: 14.8/22

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

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

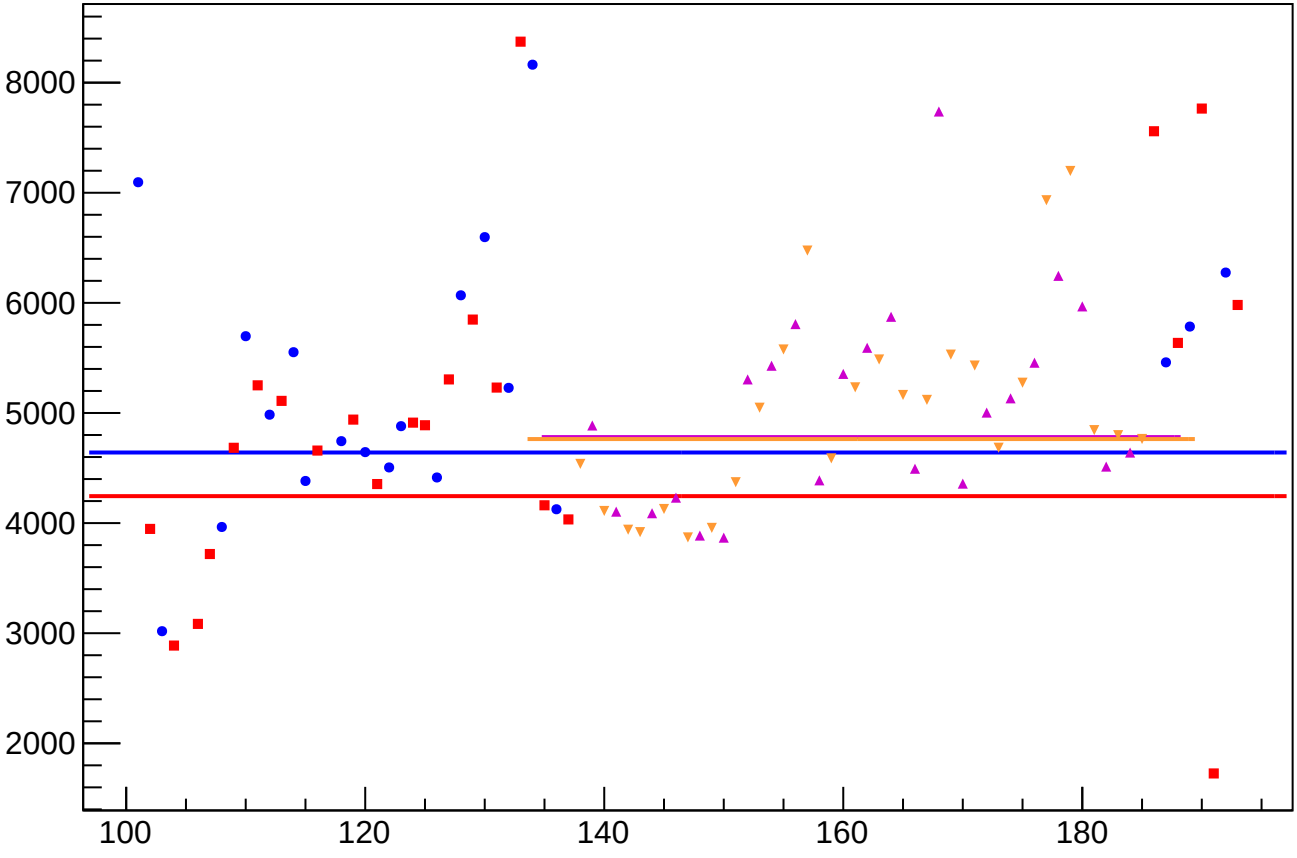
Right: -1545.887+/-1117.982 χ^2/NDF: 36.9/42

In: -709.804+/-959.539 χ^2/NDF:37.6/42

Out: 367.664+/-897.473 χ^2/NDF:44.8/47

All: -135.098+/-655.454 χ^2/NDF: 83.1/90

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4641.095+/-1.214 χ^2/NDF: 881029.4/19

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

Right Out: 4244.817+/-1.037 χ^2/NDF: 1914665.5/22

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

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

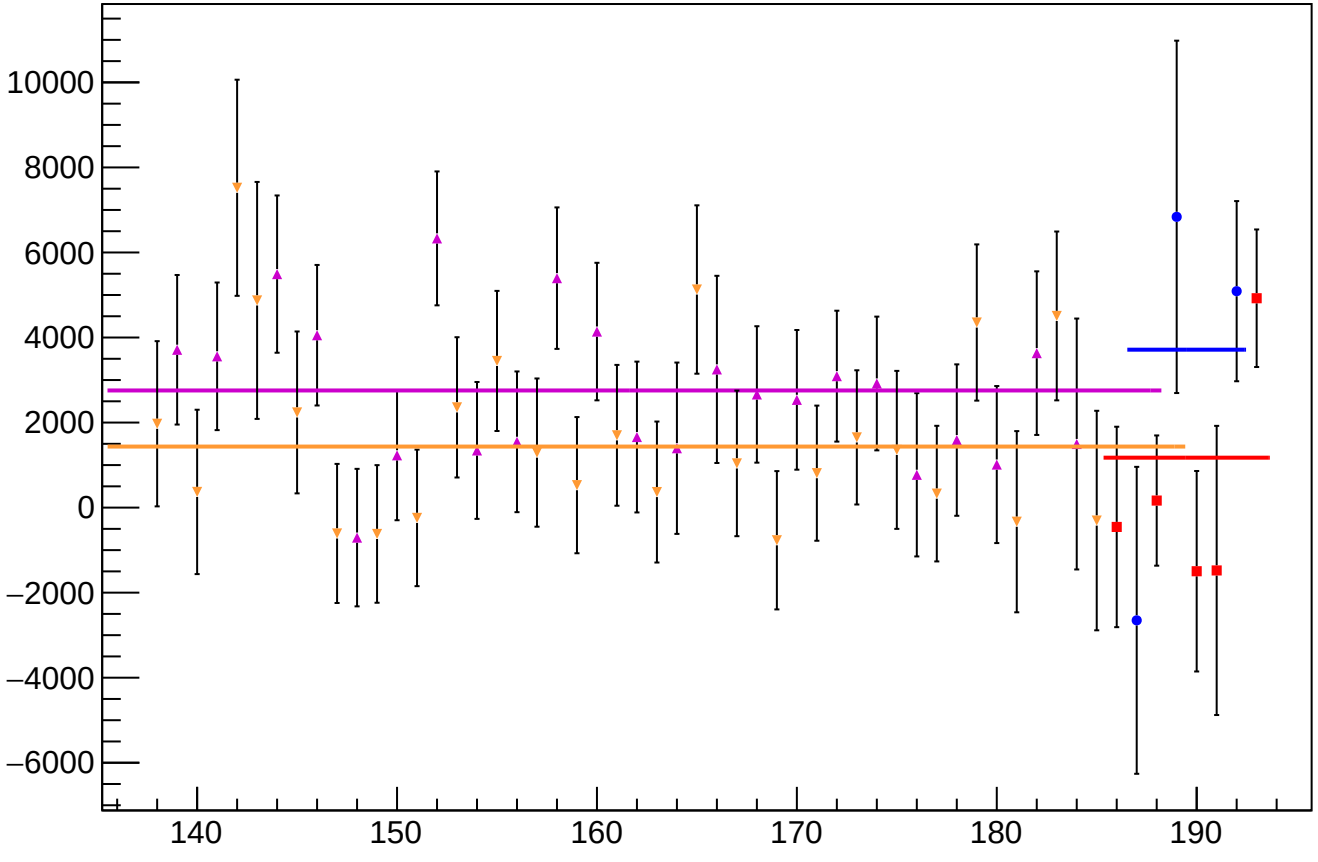
Right: 4412.130+/-0.789 χ^2/NDF: 2857294.9/42

In: 4737.392+/-0.678 χ^2/NDF:1841729.4/42

Out: 4569.843+/-0.634 χ^2/NDF:3013056.8/47

All: 4647.893+/-0.463 χ^2/NDF: 4887360.1/90

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3713.894+/-1671.704 χ^2/NDF: 4.1/2

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

Right Out: 1174.176+/-892.623 χ^2/NDF: 8.2/4

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

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

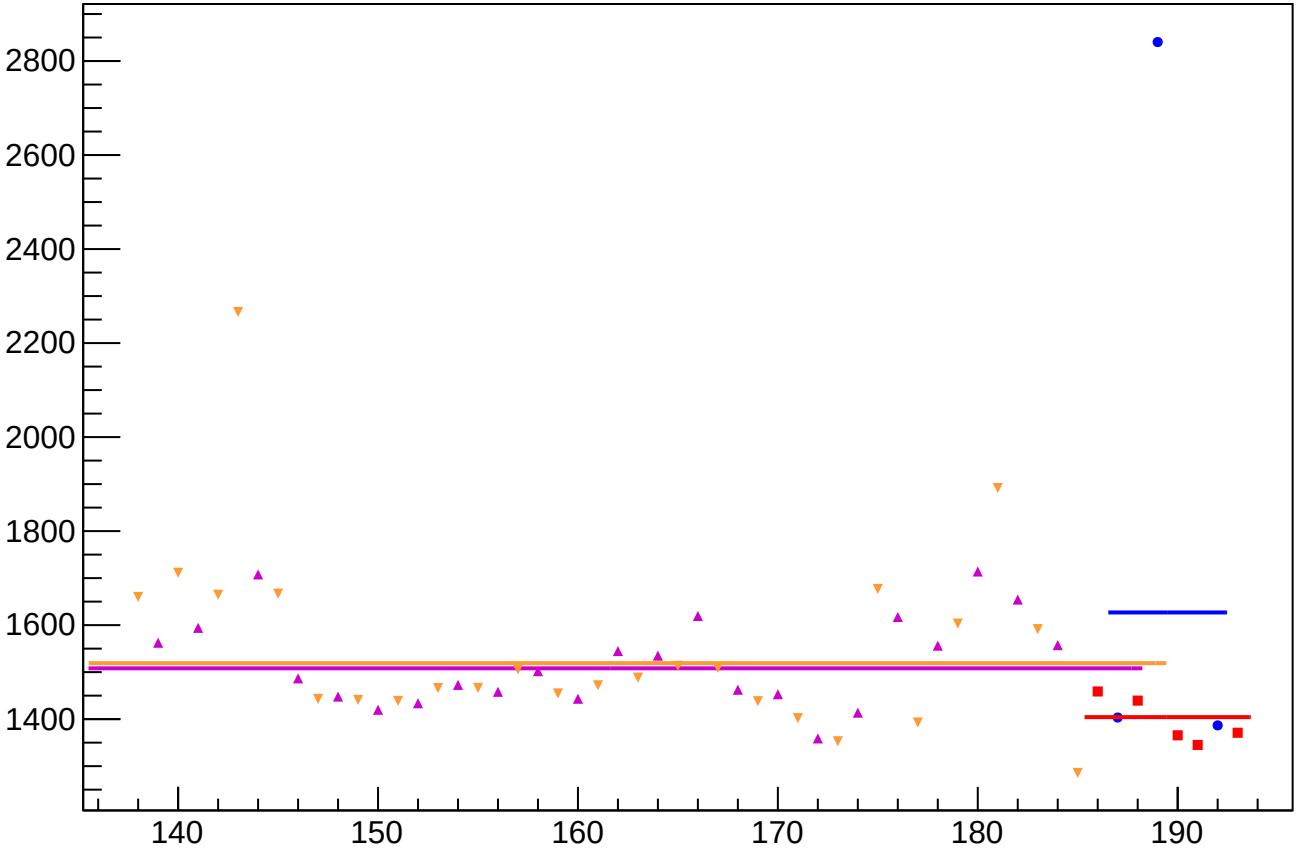
Right: 1737.634+/-787.404 χ^2/NDF: 14.1/7

In: 2797.770+/-353.493 χ^2/NDF:26.8/25

Out: 1399.262+/-332.415 χ^2/NDF:35.0/29

All: 2055.579+/-242.162 χ^2/NDF: 70.1/55

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1626.950+/-1.182 χ^2/NDF: 204916.1/2

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

Right Out: 1404.299+/-0.631 χ^2/NDF: 4114.6/4

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

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

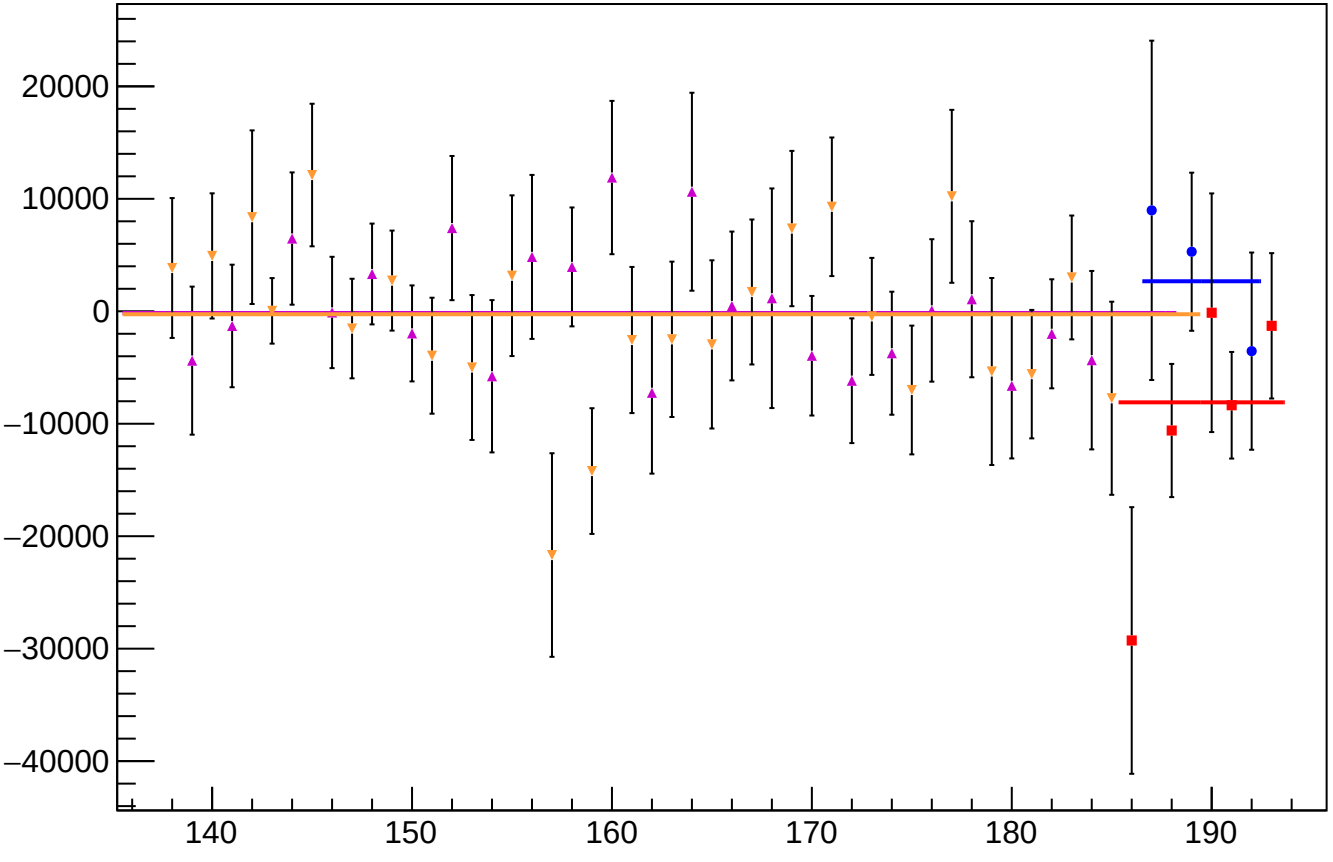
Right: 1453.696+/-0.557 χ^2/NDF: 236637.6/7

In: 1513.425+/-0.250 χ^2/NDF:346059.9/25

Out: 1503.172+/-0.235 χ^2/NDF:398443.5/29

All: 1507.984+/-0.171 χ^2/NDF: 745396.3/55

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 2669.057+/-5154.499 χ^2/NDF: 0.8/2

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

Right Out: -8097.455+/-2975.536 χ^2/NDF: 5.0/4

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

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

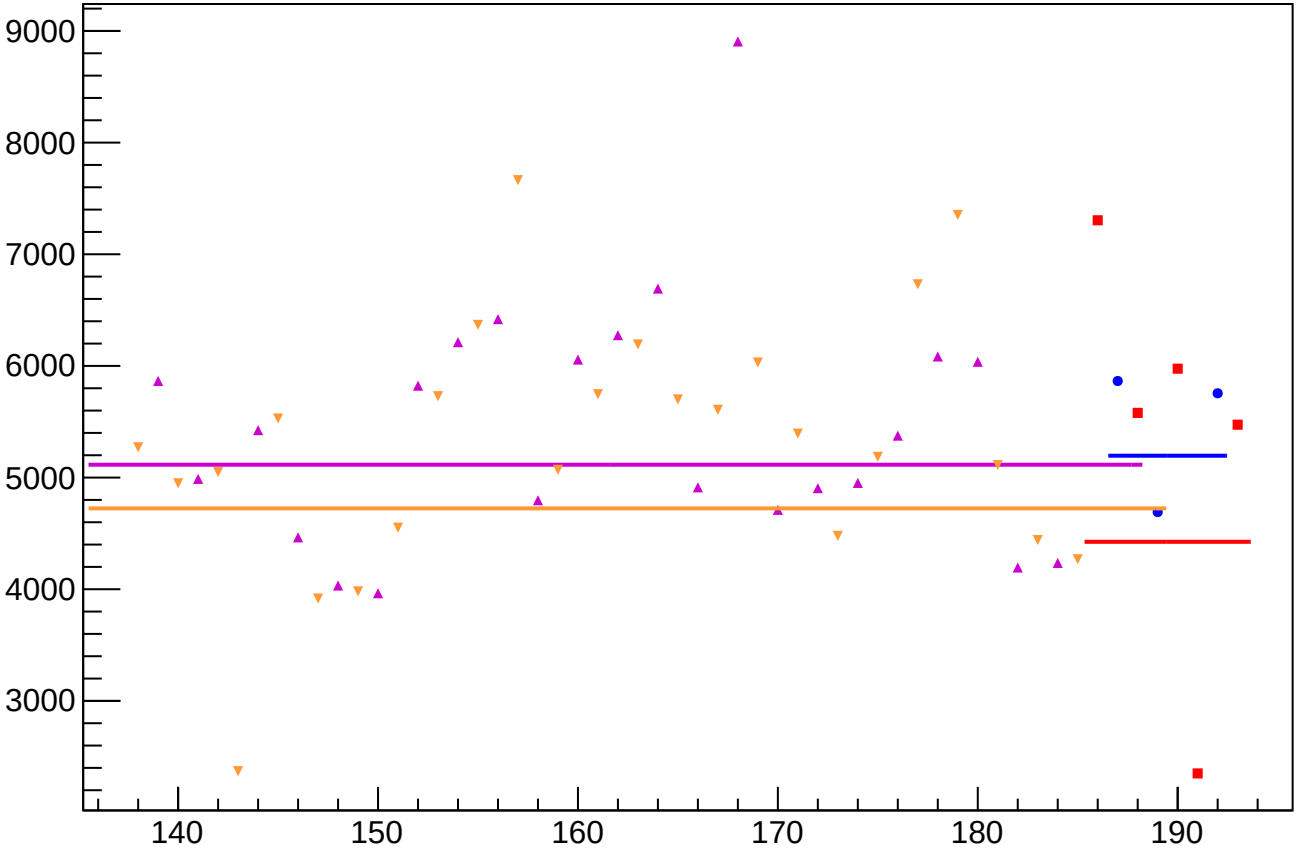
Right: -5406.390+/-2576.980 χ^2/NDF: 9.1/7

In: 3.473+/-1207.259 χ^2/NDF:16.0/25

Out: -1284.031+/-1073.582 χ^2/NDF:40.8/29

All: -715.479+/-802.252 χ^2/NDF: 57.4/55

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 5195.814+/-3.645 χ^2/NDF: 22377.0/2

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

Right Out: 4424.832+/-2.104 χ^2/NDF: 672288.9/4

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

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

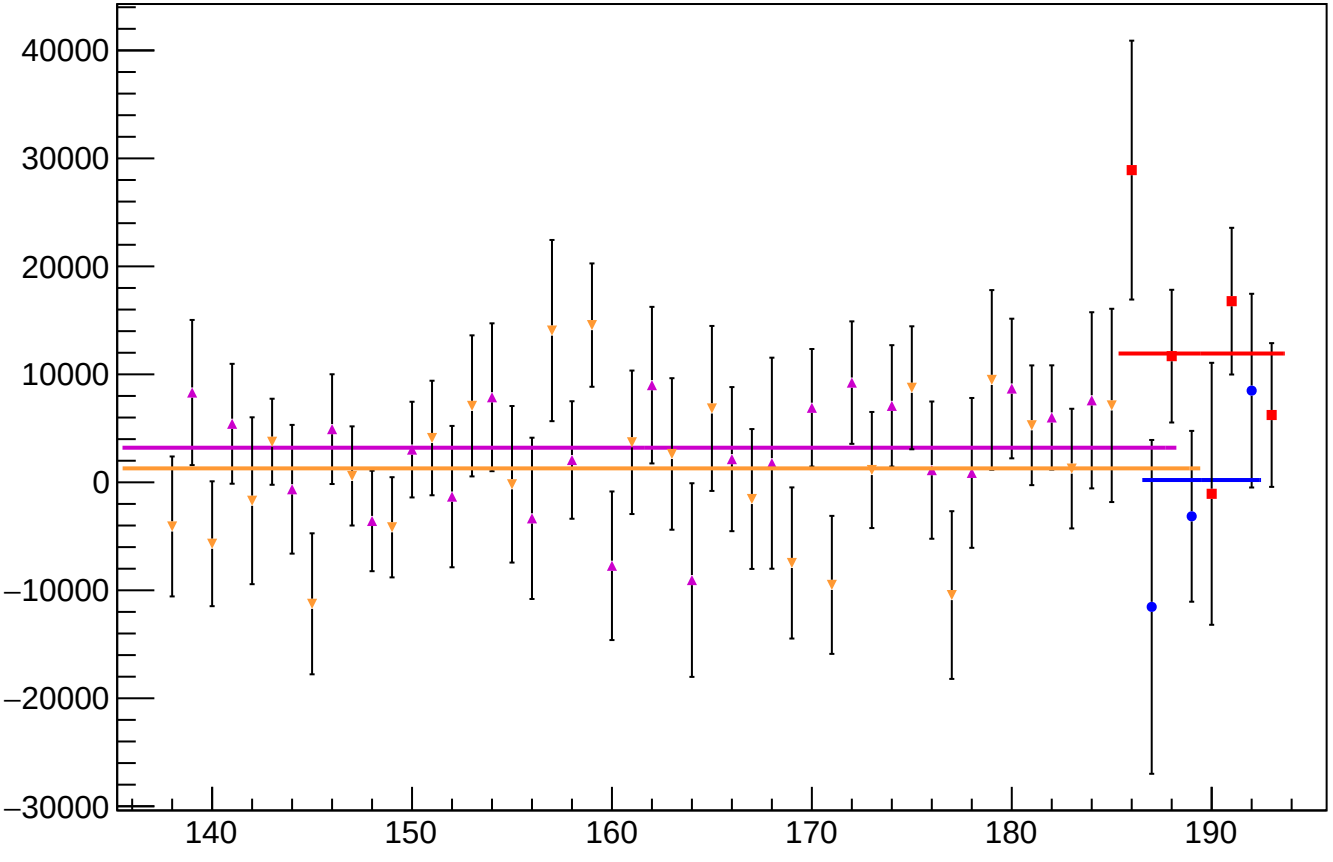
Right: 4617.537+/-1.822 χ^2/NDF: 728227.1/7

In: 5119.565+/-0.854 χ^2/NDF:1154187.2/25

Out: 4685.078+/-0.759 χ^2/NDF:3227409.9/29

All: 4876.944+/-0.567 χ^2/NDF: 4526252.2/55

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 213.783+/-5538.861 χ^2/NDF: 1.6/2

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

Right Out: 11929.169+/-3440.529 χ^2/NDF: 4.4/4

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

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

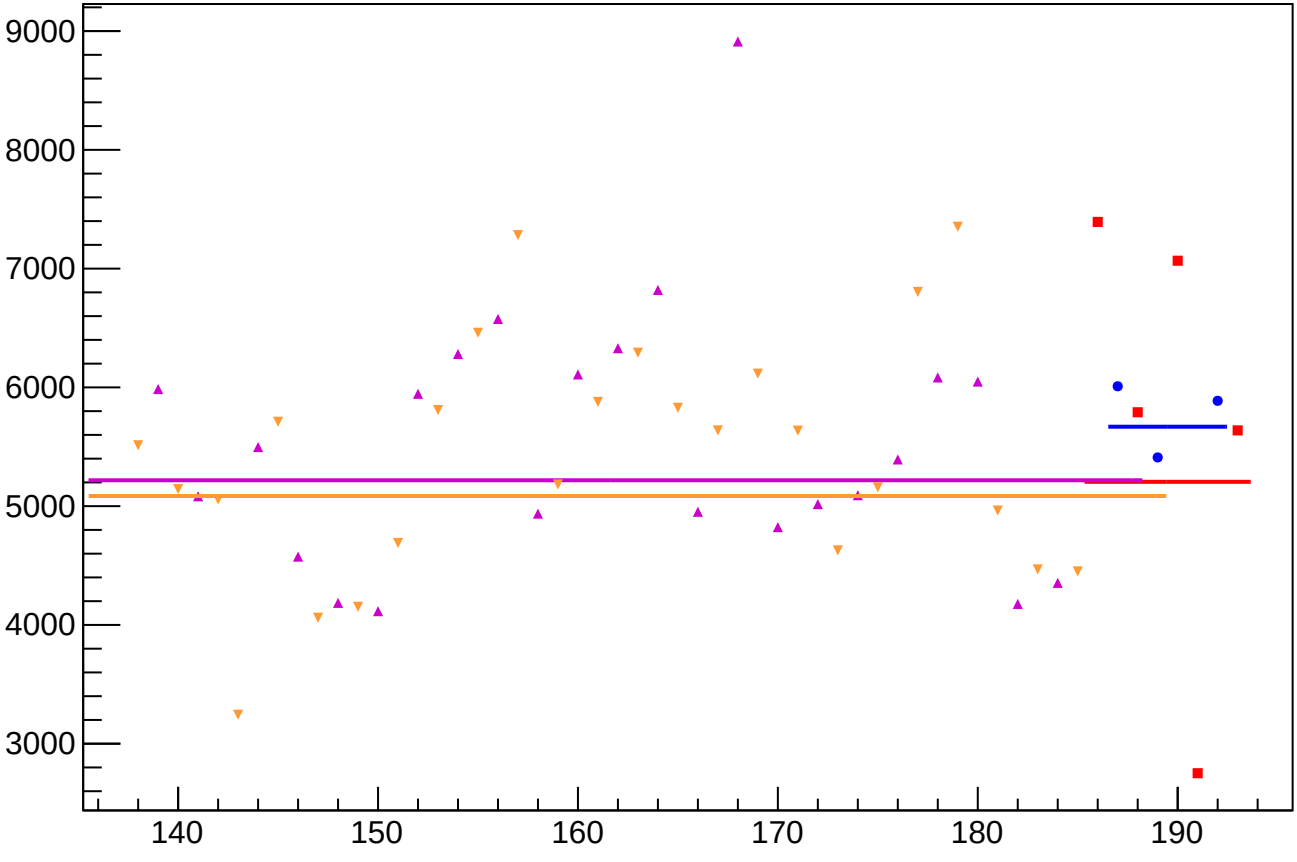
Right: 8667.406+/-2922.593 χ^2/NDF: 9.2/7

In: 3056.927+/-1233.789 χ^2/NDF:15.7/25

Out: 2473.005+/-1146.299 χ^2/NDF:40.7/29

All: 2743.530+/-839.784 χ^2/NDF: 56.6/55

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5668.922+/-3.917 χ^2/NDF: 4291.4/2

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

Right Out: 5204.904+/-2.433 χ^2/NDF: 401281.0/4

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

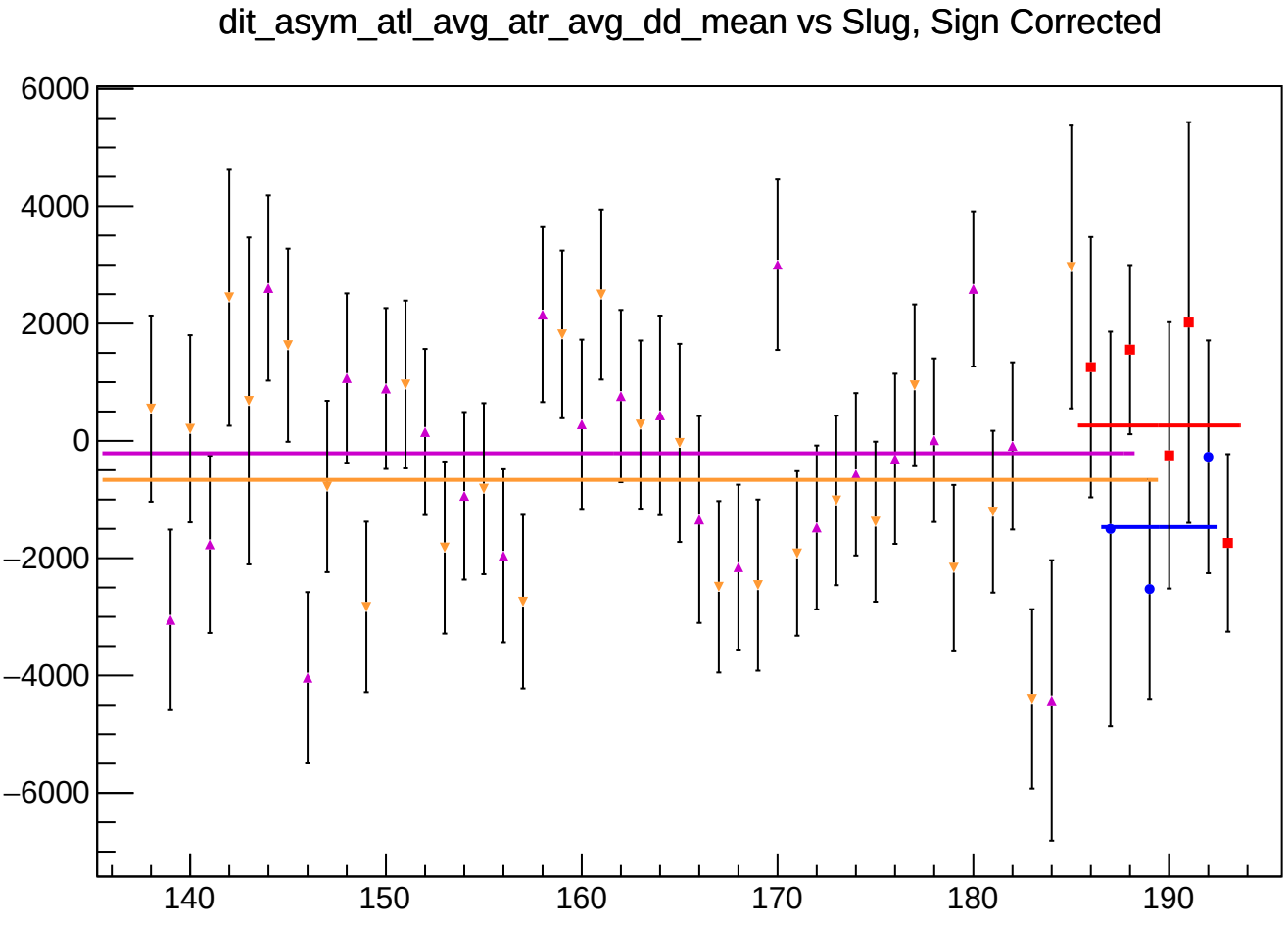
Left: 5148.976+/-0.620 χ^2/NDF: 2427123.8/47

Right: 5334.094+/-2.067 χ^2/NDF: 415700.9/7

In: 5240.347+/-0.872 χ^2/NDF:1075886.8/25

Out: 5098.583+/-0.811 χ^2/NDF:1760127.8/29

All: 5164.261+/-0.594 χ^2/NDF: 2850186.2/55



Right In: -1469.041+/-1262.310 χ^2/NDF: 0.7/2

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

Right Out: 262.905+/-844.820 χ^2/NDF: 3.1/4

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

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

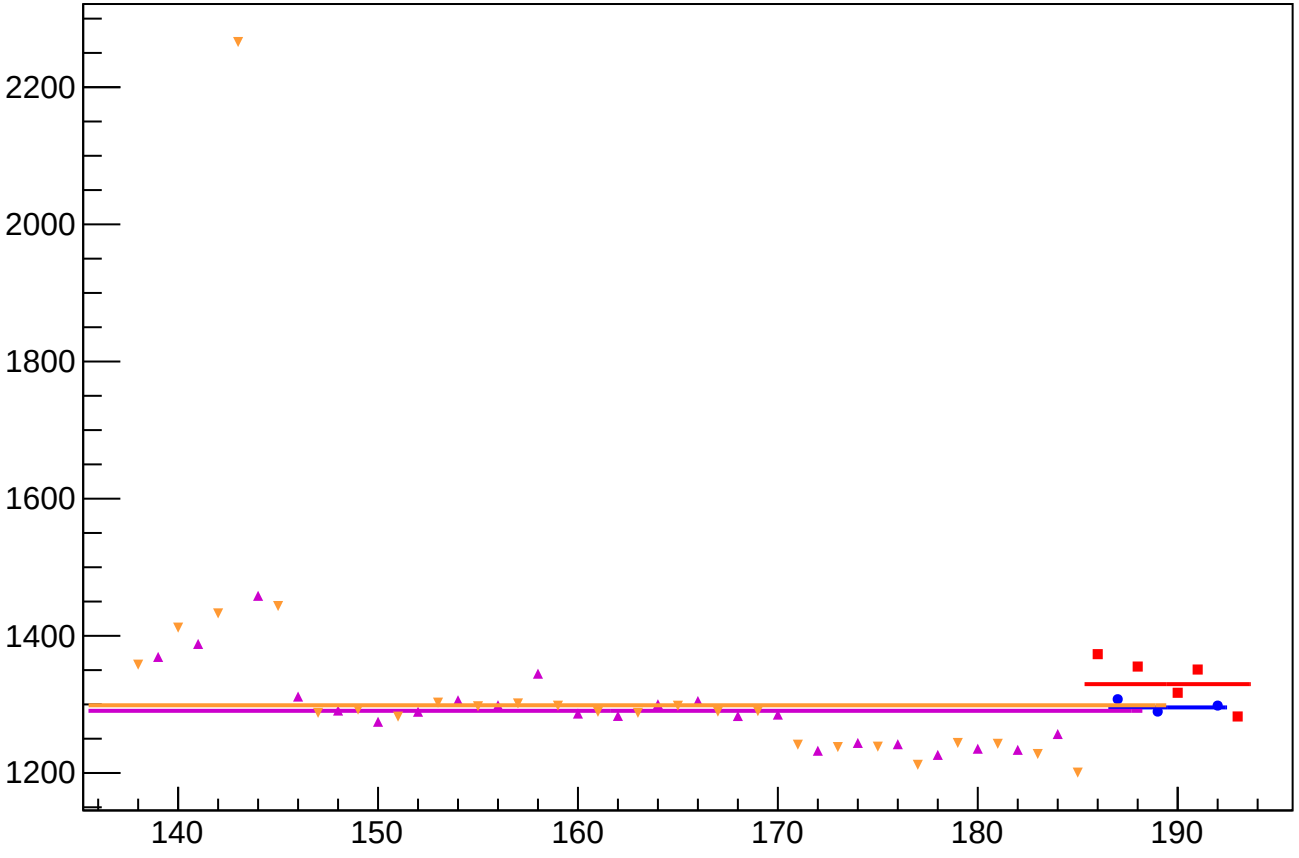
Right: -272.876+/-702.090 χ^2/NDF: 5.1/7

In: -282.958+/-299.769 χ^2/NDF:38.3/25

Out: -557.366+/-286.976 χ^2/NDF:38.7/29

All: -426.142+/-207.298 χ^2/NDF: 77.4/55

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1295.616+/-0.893 χ^2/NDF: 50.2/2

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

Right Out: 1329.560+/-0.597 χ^2/NDF: 3491.7/4

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

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

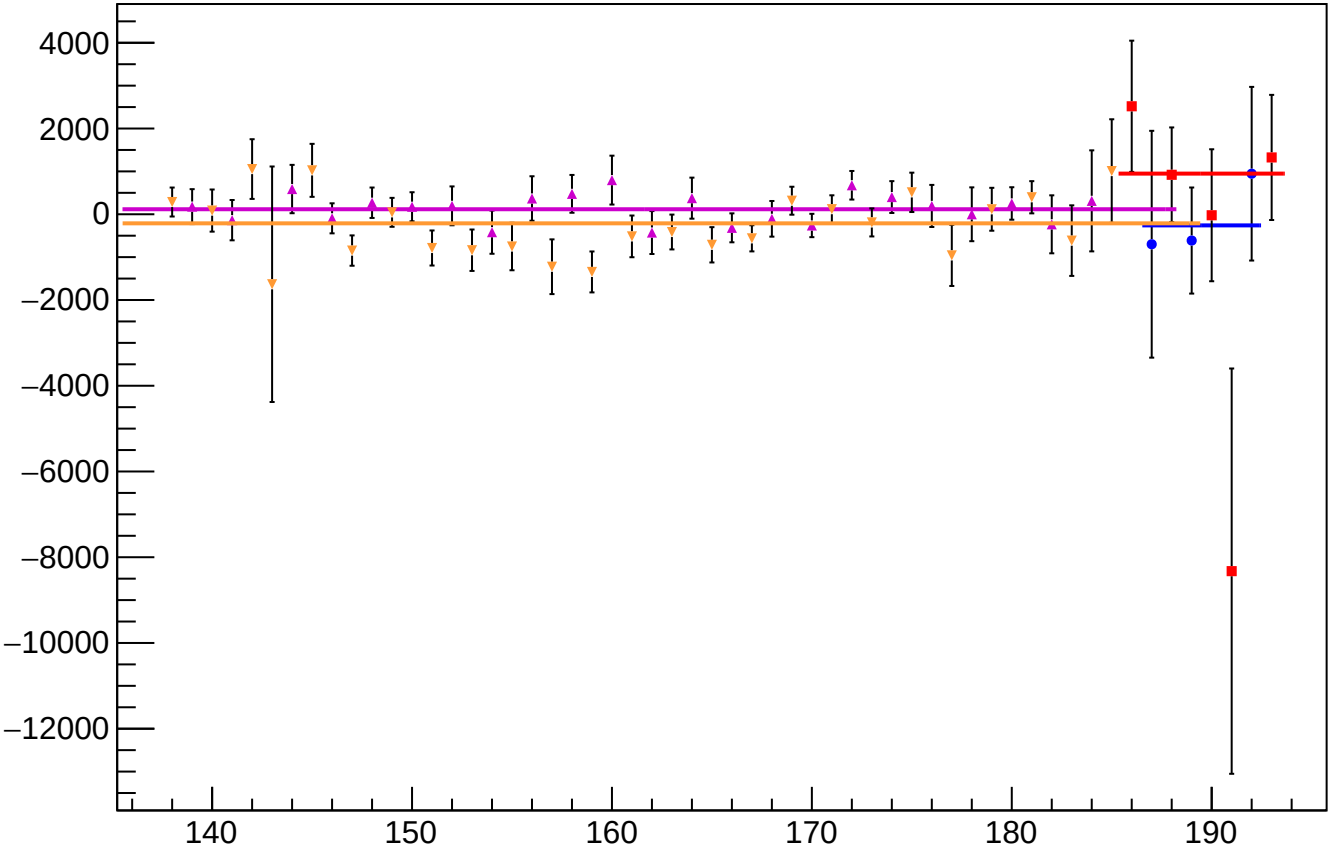
Right: 1319.059+/-0.496 χ^2/NDF: 4540.7/7

In: 1290.925+/-0.212 χ^2/NDF:59507.2/25

Out: 1302.299+/-0.203 χ^2/NDF:316190.5/29

All: 1296.860+/-0.147 χ^2/NDF: 377200.2/55

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -259.534+/-980.585 χ^2/NDF: 0.5/2

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

Right Out: 948.241+/-676.843 χ^2/NDF: 5.4/4

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

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

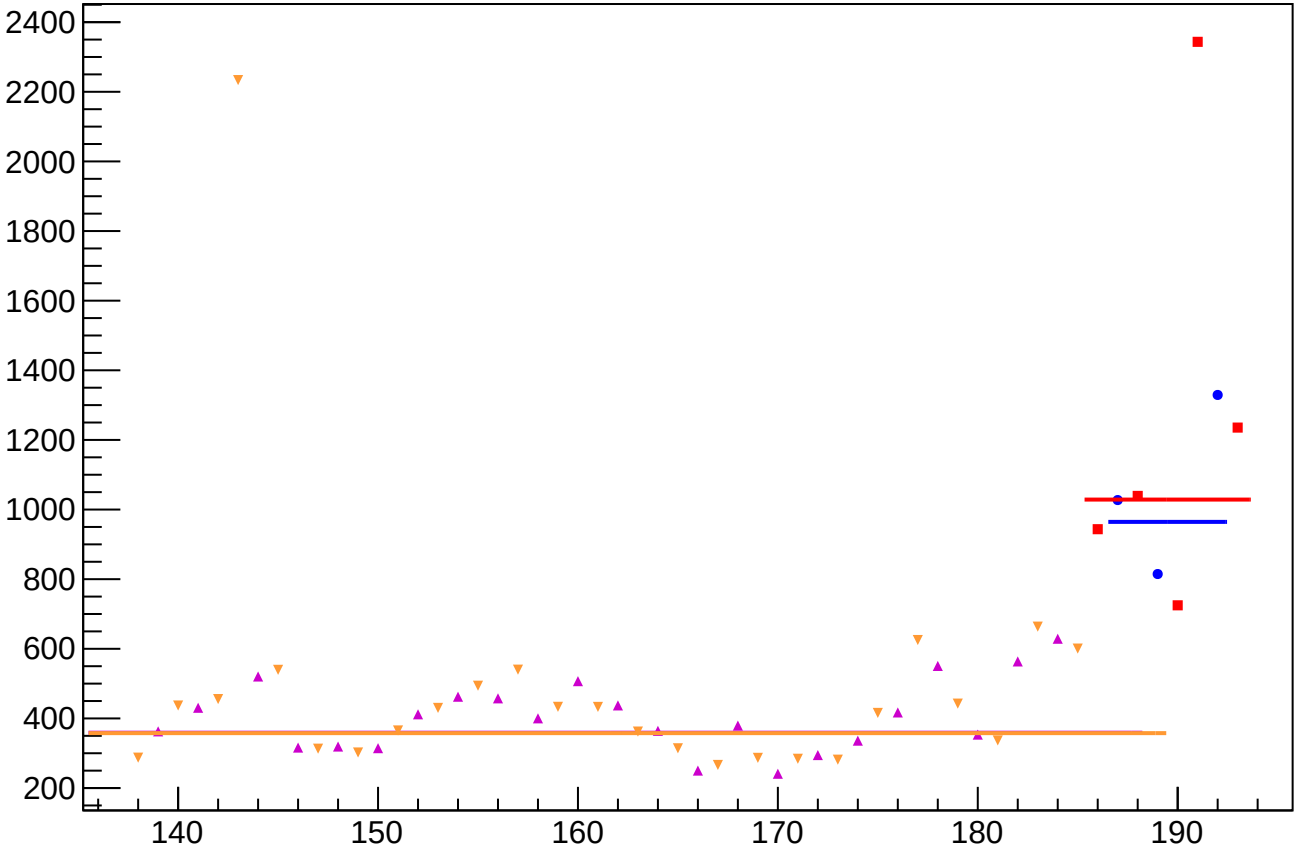
Right: 558.500+/-557.032 χ^2/NDF: 6.9/7

In: 114.090+/-87.859 χ^2/NDF:14.9/25

Out: -192.507+/-86.943 χ^2/NDF:49.9/29

All: -40.815+/-61.800 χ^2/NDF: 71.0/55

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 964.576+/-0.693 χ^2/NDF: 95261.3/2

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

Right Out: 1028.654+/-0.479 χ^2/NDF: 279142.4/4

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

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

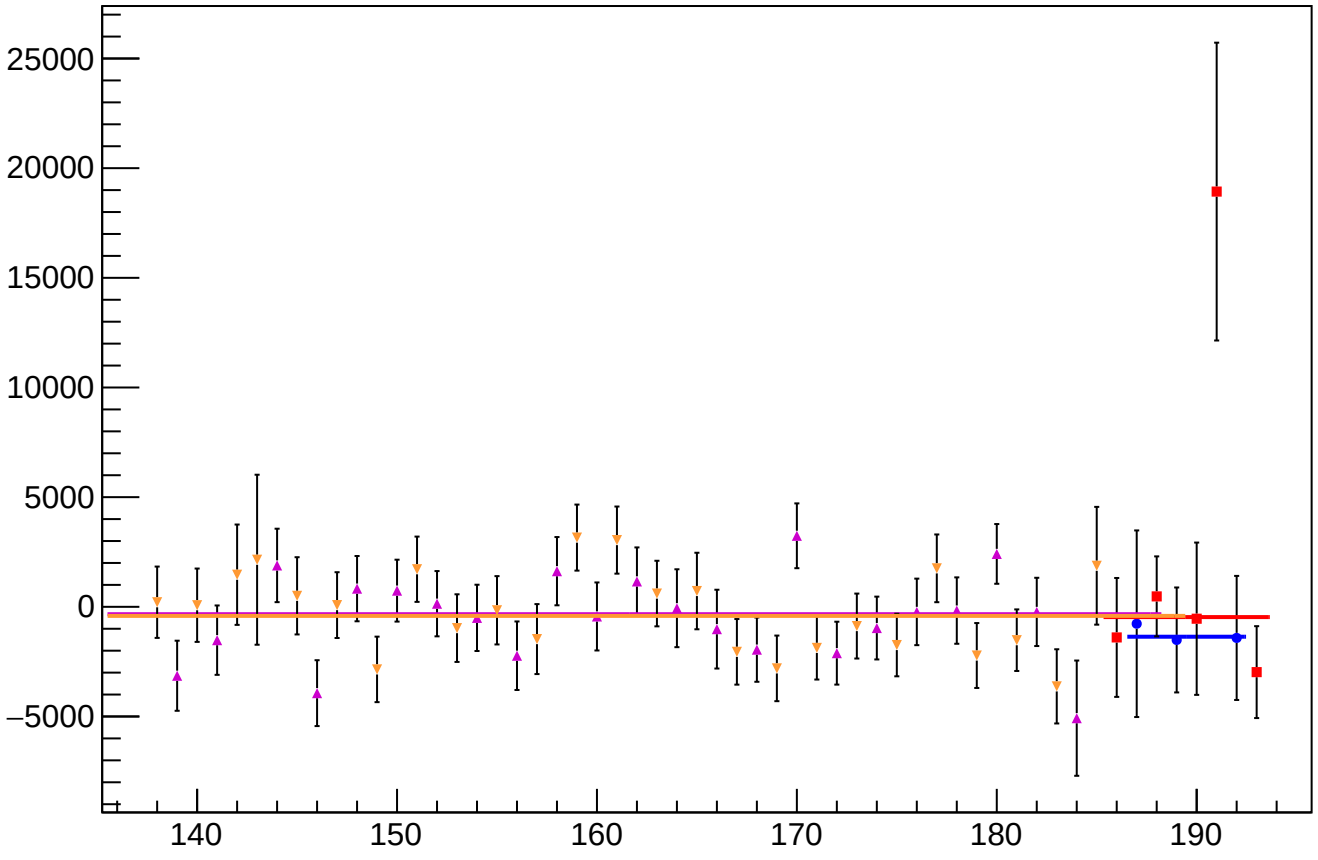
Right: 1007.977+/-0.394 χ^2/NDF: 380188.2/7

In: 363.862+/-0.062 χ^2/NDF:2710761.6/25

Out: 368.820+/-0.061 χ^2/NDF:5253837.6/29

All: 366.367+/-0.044 χ^2/NDF: 7967816.8/55

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1363.165+/-1678.424 χ^2/NDF: 0.0/2

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

Right Out: -468.073+/-1140.322 χ^2/NDF: 10.0/4

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

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

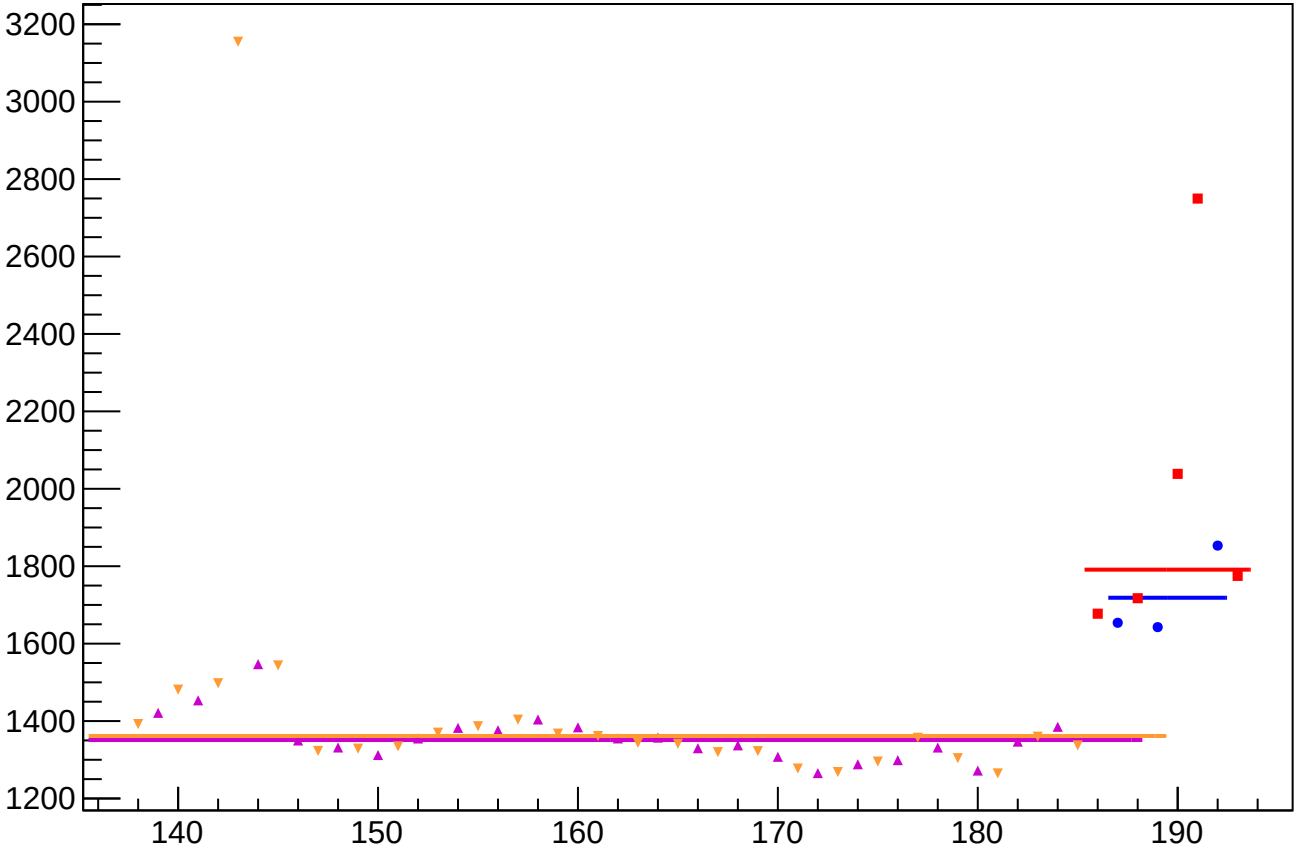
Right: -750.753+/-943.225 χ^2/NDF: 10.2/7

In: -373.837+/-317.202 χ^2/NDF:33.2/25

Out: -417.413+/-308.702 χ^2/NDF:42.8/29

All: -396.217+/-221.229 χ^2/NDF: 76.0/55

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1718.548+/-1.187 χ^2/NDF: 7011.7/2

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

Right Out: 1791.123+/-0.806 χ^2/NDF: 56941.1/4

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

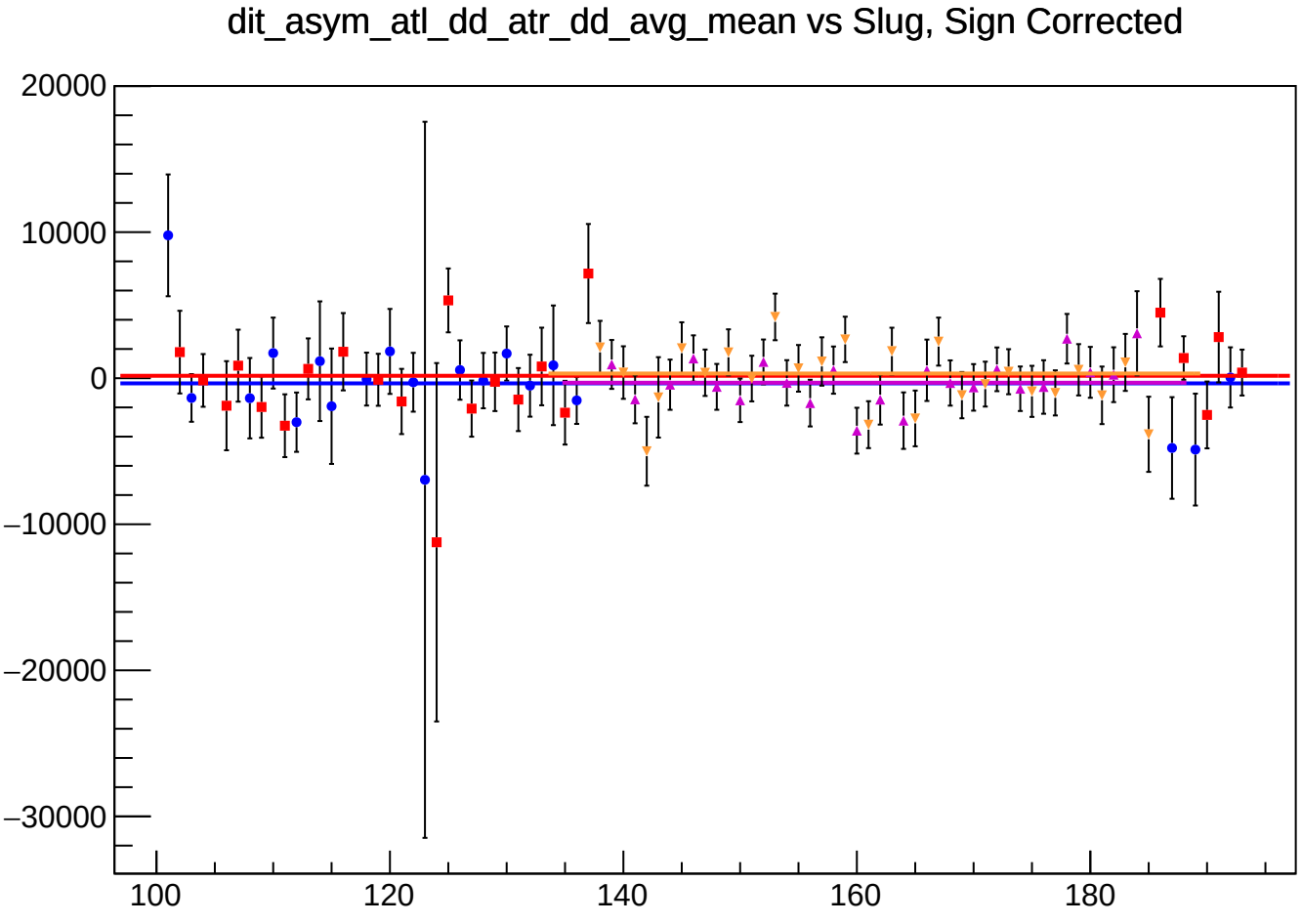
Left: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

Right: 1768.203+/-0.667 χ^2/NDF: 66511.3/7

In: 1364.140+/-0.224 χ^2/NDF:168465.8/25

Out: 1392.995+/-0.218 χ^2/NDF:827882.7/29

All: 1378.959+/-0.156 χ^2/NDF: 1004848.8/55



Right In: -353.063+/-524.370 χ^2/NDF: 14.9/19

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

Right Out: 165.339+/-458.259 χ^2/NDF: 25.9/22

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

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

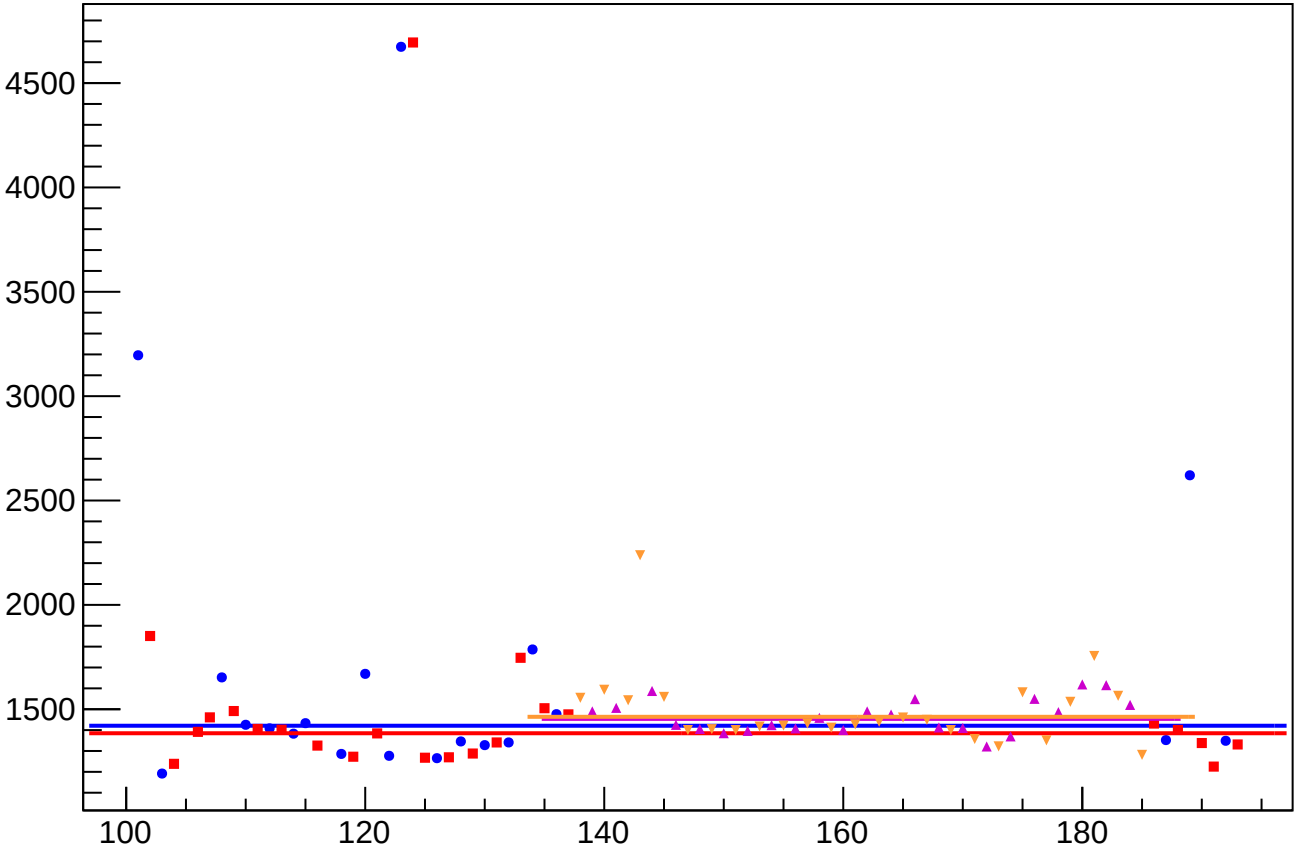
Right: -59.141+/-345.059 χ^2/NDF: 41.4/42

In: -323.760+/-290.125 χ^2/NDF:31.8/42

Out: 264.163+/-275.440 χ^2/NDF:58.4/47

All: -14.543+/-199.755 χ^2/NDF: 92.3/90

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1420.932+/-0.371 χ^2/NDF: 728198.7/19

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

Right Out: 1384.962+/-0.324 χ^2/NDF: 301736.6/22

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

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

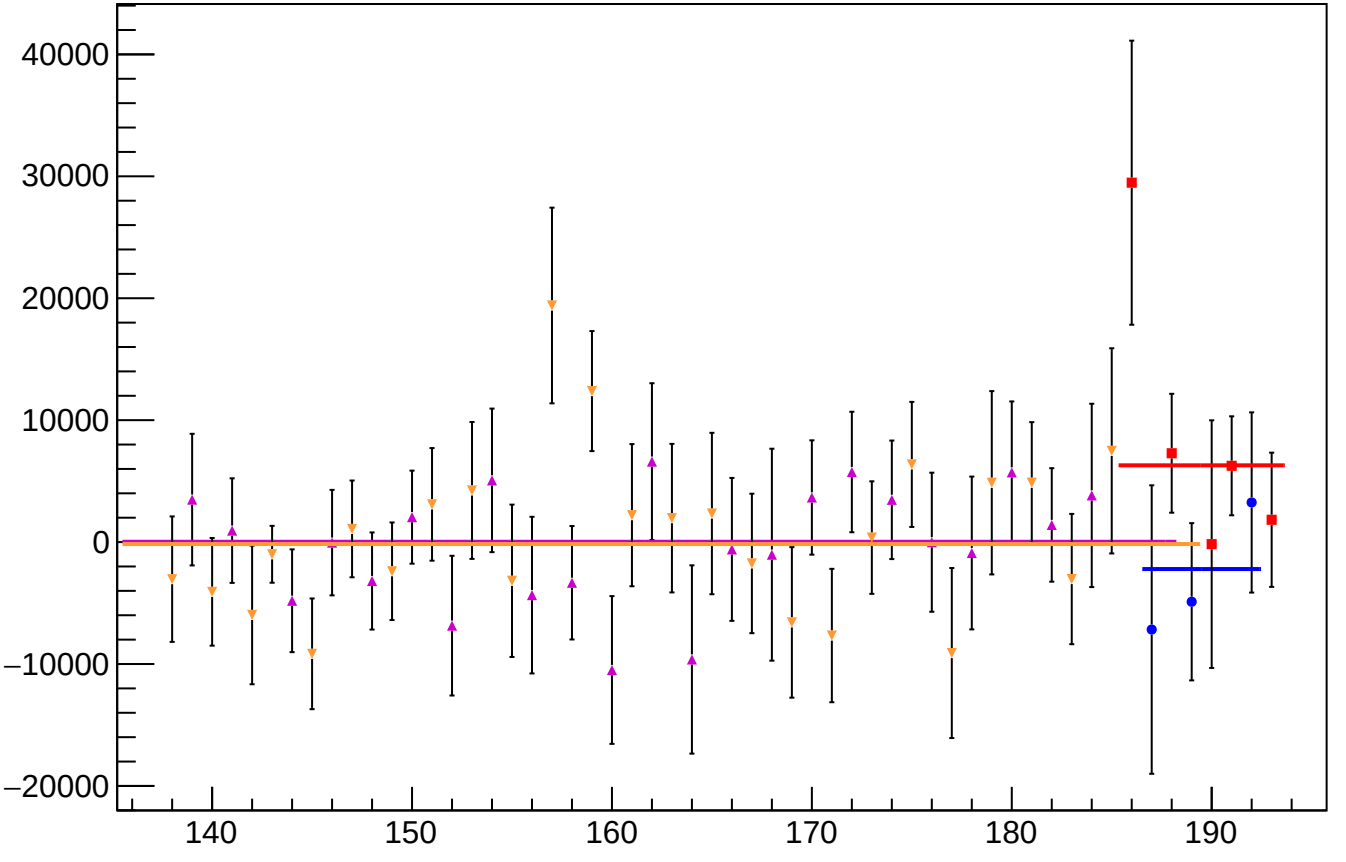
Right: 1400.530+/-0.244 χ^2/NDF: 1035273.0/42

In: 1443.712+/-0.205 χ^2/NDF:832863.1/42

Out: 1435.248+/-0.195 χ^2/NDF:649974.4/47

All: 1439.260+/-0.141 χ^2/NDF: 1483733.0/90

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: -2211.070+/-4494.893 χ^2/NDF: 0.9/2

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

Right Out: 6296.583+/-2557.625 χ^2/NDF: 5.1/4

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

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

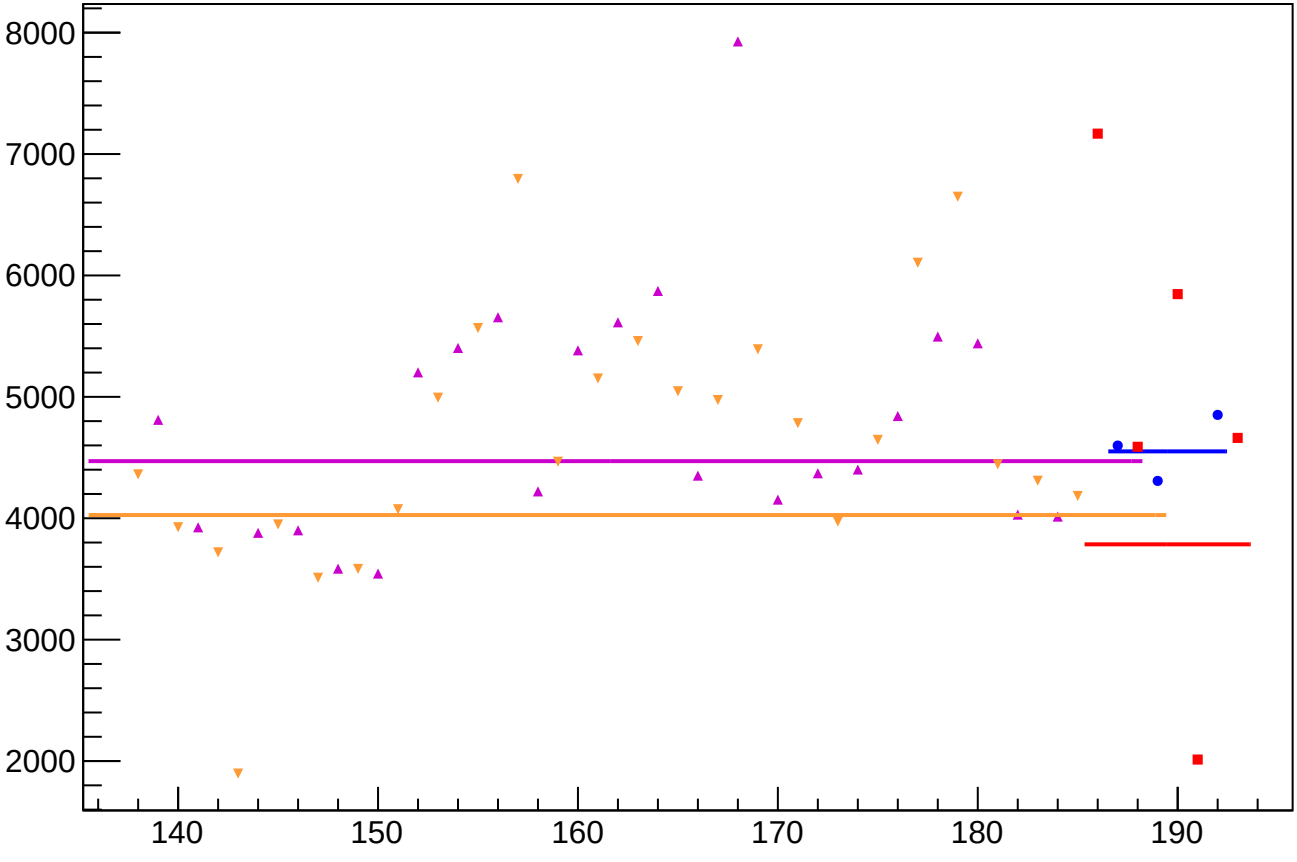
Right: 4215.772+/-2222.956 χ^2/NDF: 8.7/7

In: -96.384+/-1055.089 χ^2/NDF:16.4/25

Out: 680.262+/-922.719 χ^2/NDF:40.3/29

All: 343.686+/-694.575 χ^2/NDF: 57.1/55

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 4550.824+/-3.178 χ^2/NDF: 6180.0/2

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

Right Out: 3785.202+/-1.809 χ^2/NDF: 737746.1/4

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

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

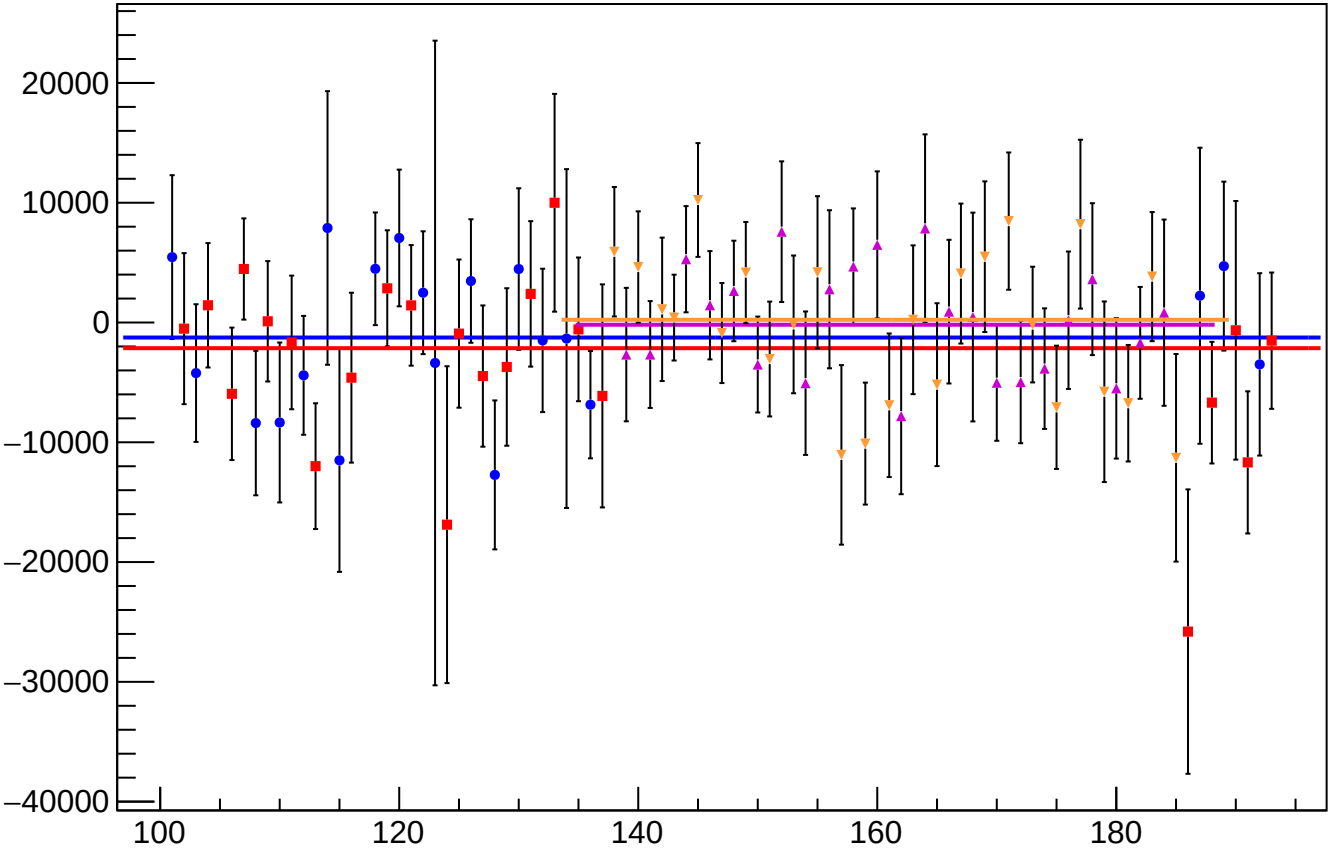
Right: 3972.458+/-1.572 χ^2/NDF: 787759.9/7

In: 4474.916+/-0.746 χ^2/NDF:1139278.9/25

Out: 3995.047+/-0.652 χ^2/NDF:3824489.2/29

All: 4203.009+/-0.491 χ^2/NDF: 5198189.2/55

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1253.303+/-1430.202 χ^2/NDF: 17.6/19

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

Right Out: -2142.721+/-1253.007 χ^2/NDF: 20.4/22

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

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

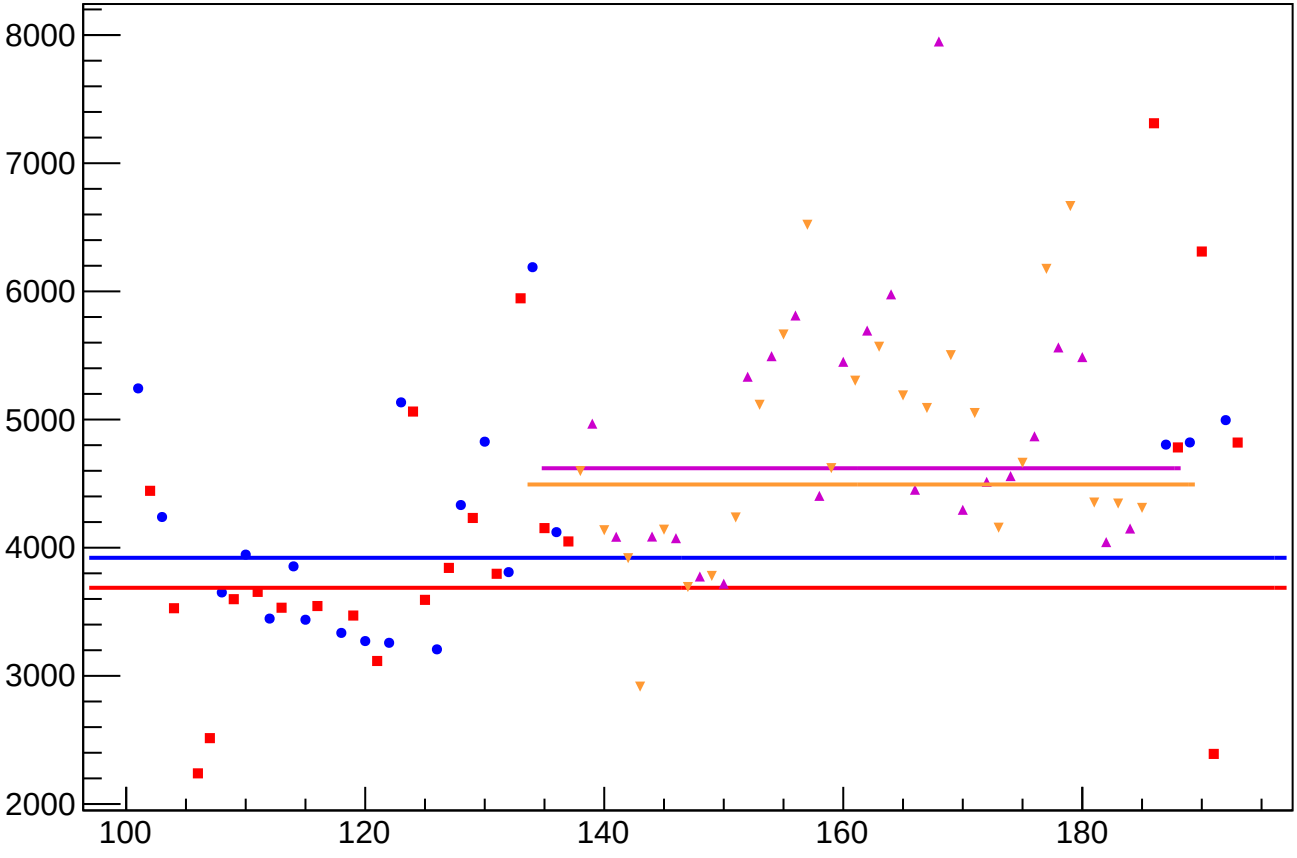
Right: -1756.493+/-942.468 χ^2/NDF: 38.1/42

In: -590.957+/-881.449 χ^2/NDF:32.2/42

Out: -774.461+/-815.237 χ^2/NDF:50.5/47

All: -689.859+/-598.500 χ^2/NDF: 82.7/90

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3921.178+/-1.011 χ^2/NDF: 425126.5/19

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

Right Out: 3687.187+/-0.879 χ^2/NDF: 1144319.7/22

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

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

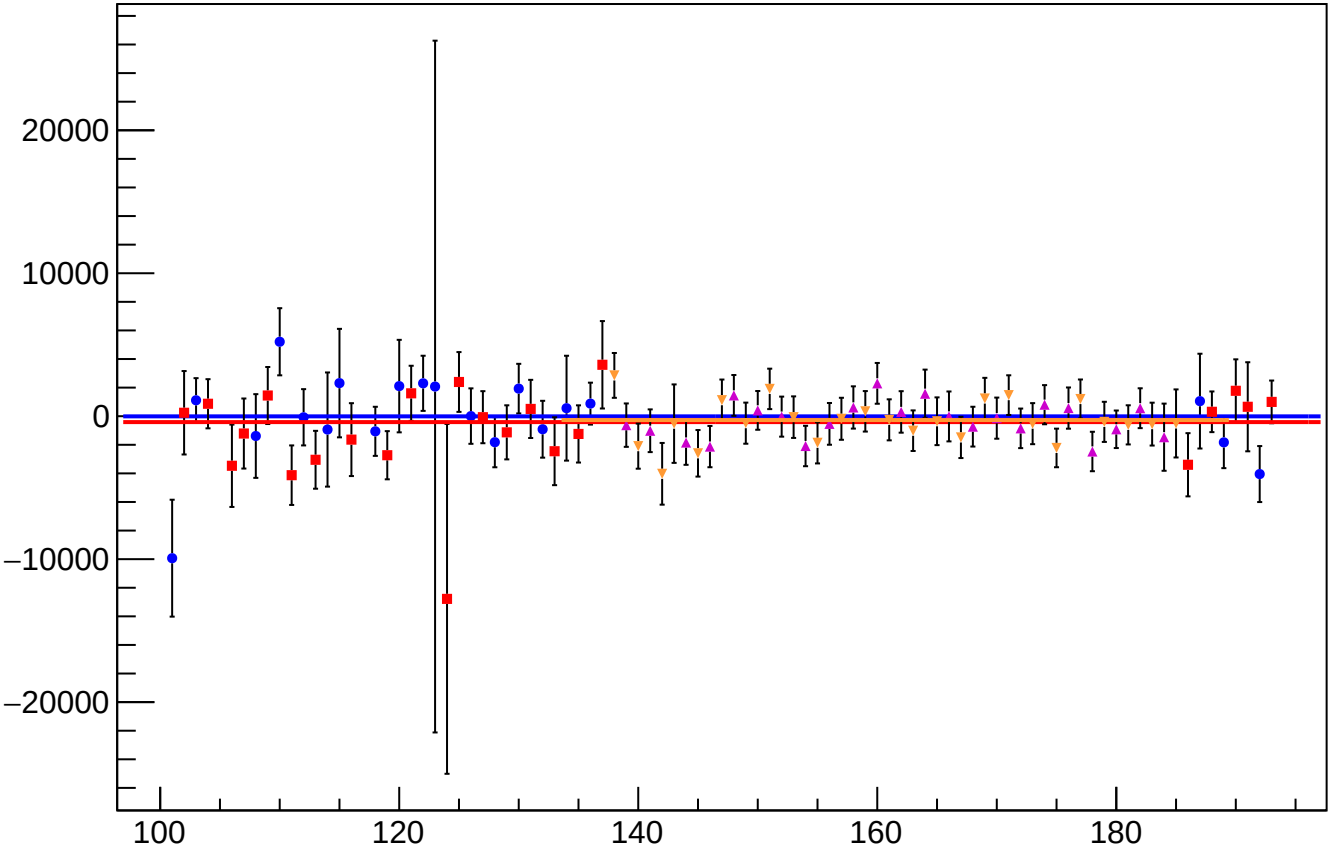
Right: 3787.933+/-0.664 χ^2/NDF: 1599932.5/42

In: 4354.523+/-0.623 χ^2/NDF:1723184.4/42

Out: 4149.095+/-0.575 χ^2/NDF:2935003.6/47

All: 4243.478+/-0.422 χ^2/NDF: 4716910.1/90

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -10.612+/-485.293 χ^2/NDF: 22.5/19

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

Right Out: -412.350+/-434.658 χ^2/NDF: 20.7/22

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

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

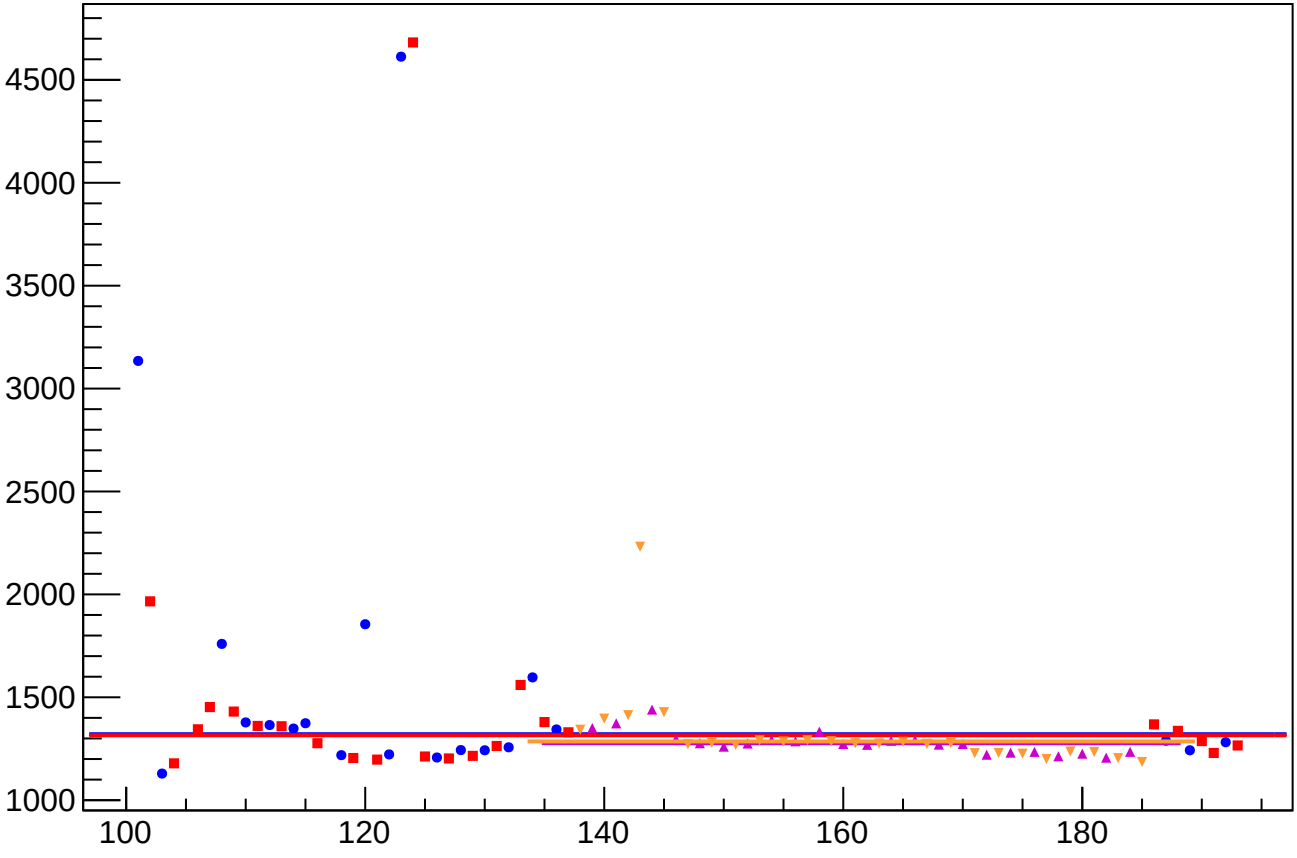
Right: -233.526+/-323.776 χ^2/NDF: 43.6/42

In: -188.061+/-258.409 χ^2/NDF:38.7/42

Out: -316.705+/-248.029 χ^2/NDF:43.0/47

All: -255.018+/-178.940 χ^2/NDF: 81.8/90

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1320.573+/-0.343 χ^2/NDF: 608956.0/19

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

Right Out: 1315.468+/-0.307 χ^2/NDF: 343422.1/22

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

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

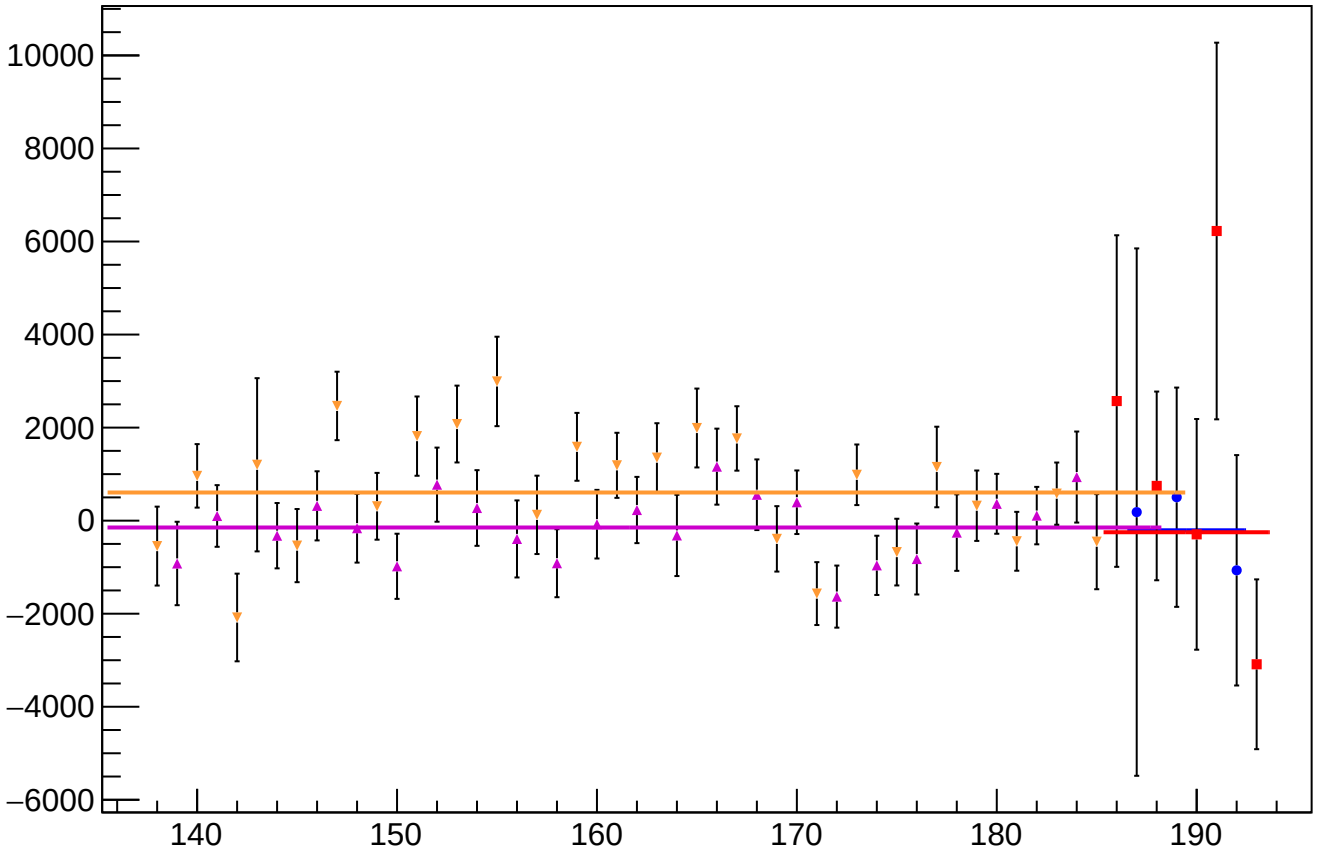
Right: 1317.740+/-0.229 χ^2/NDF: 952500.9/42

In: 1289.179+/-0.183 χ^2/NDF:680072.1/42

Out: 1295.308+/-0.175 χ^2/NDF:655859.4/47

All: 1292.369+/-0.127 χ^2/NDF: 1336517.2/90

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: -207.249+/-1634.562 χ^2/NDF: 0.2/2

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

Right Out: -249.239+/-1087.346 χ^2/NDF: 5.8/4

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

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

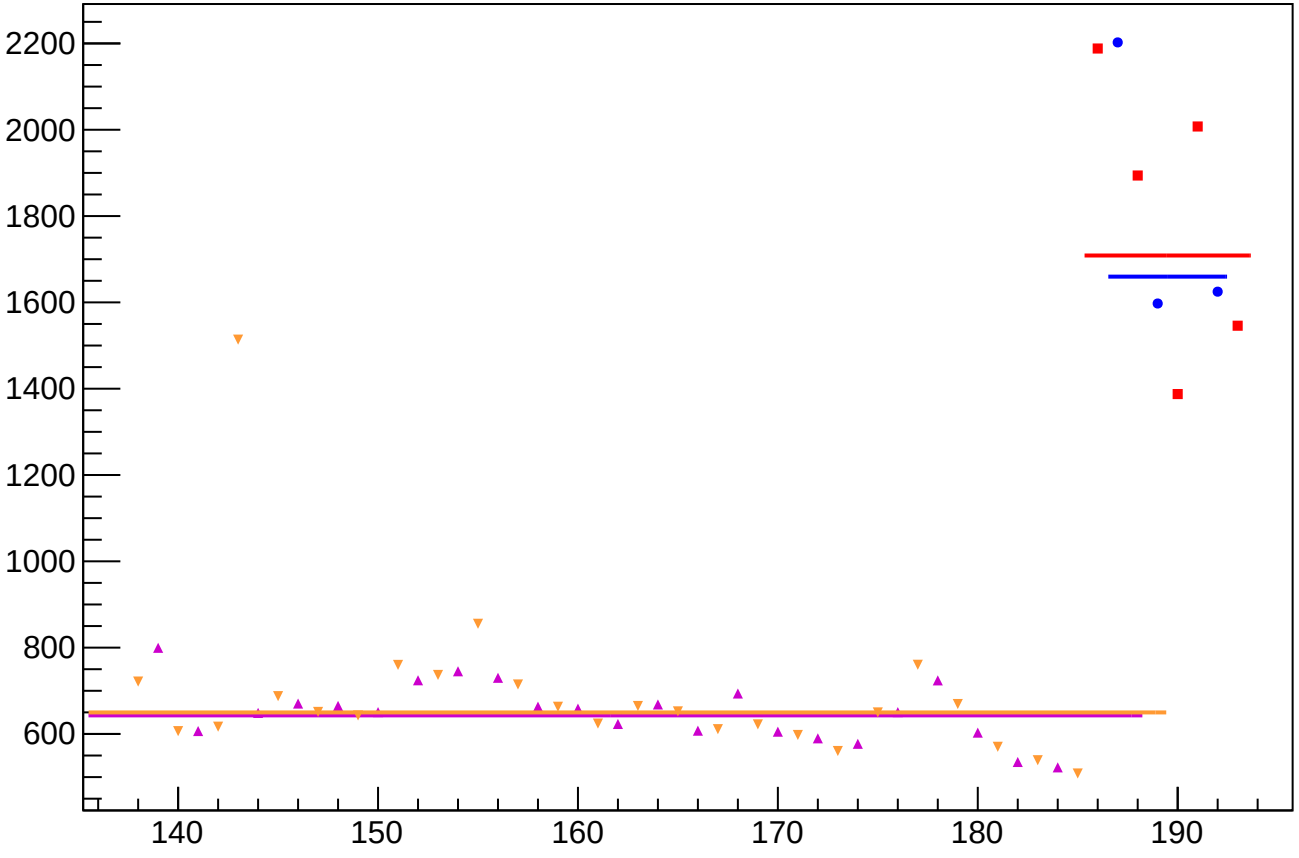
Right: -236.358+/-905.330 χ^2/NDF: 6.1/7

In: -147.574+/-153.372 χ^2/NDF:19.6/25

Out: 588.382+/-152.403 χ^2/NDF:66.4/29

All: 222.736+/-108.106 χ^2/NDF: 97.6/55

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1659.663+/-1.156 χ^2/NDF: 20129.6/2

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

Right Out: 1708.622+/-0.769 χ^2/NDF: 113267.0/4

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

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

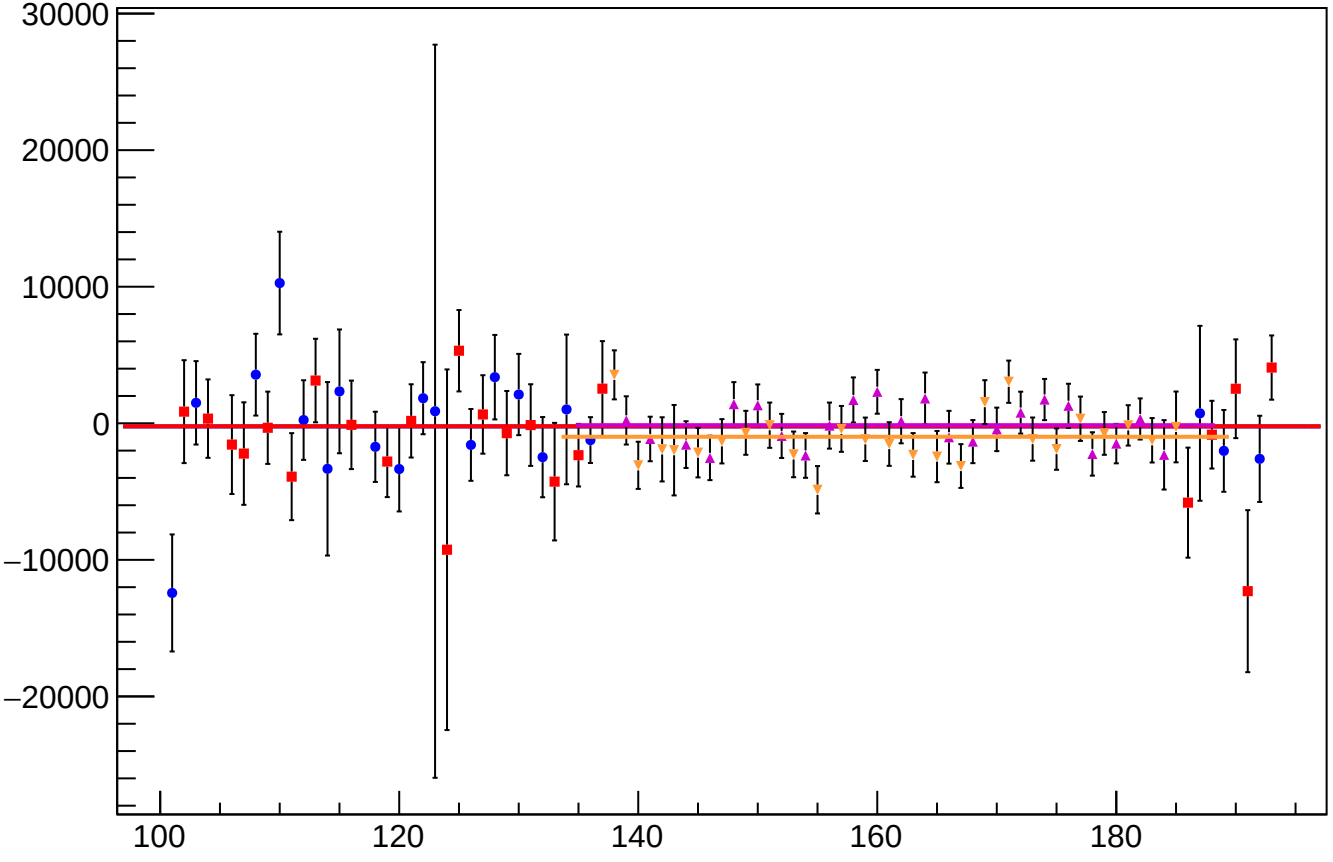
Right: 1693.603+/-0.640 χ^2/NDF: 134640.4/7

In: 651.959+/-0.108 χ^2/NDF:1110865.1/25

Out: 670.665+/-0.108 χ^2/NDF:2813048.5/29

All: 661.371+/-0.076 χ^2/NDF: 3938884.3/55

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -232.047+/-700.531 χ^2/NDF: 24.5/19

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

Right Out: -219.044+/-650.574 χ^2/NDF: 20.5/22

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

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

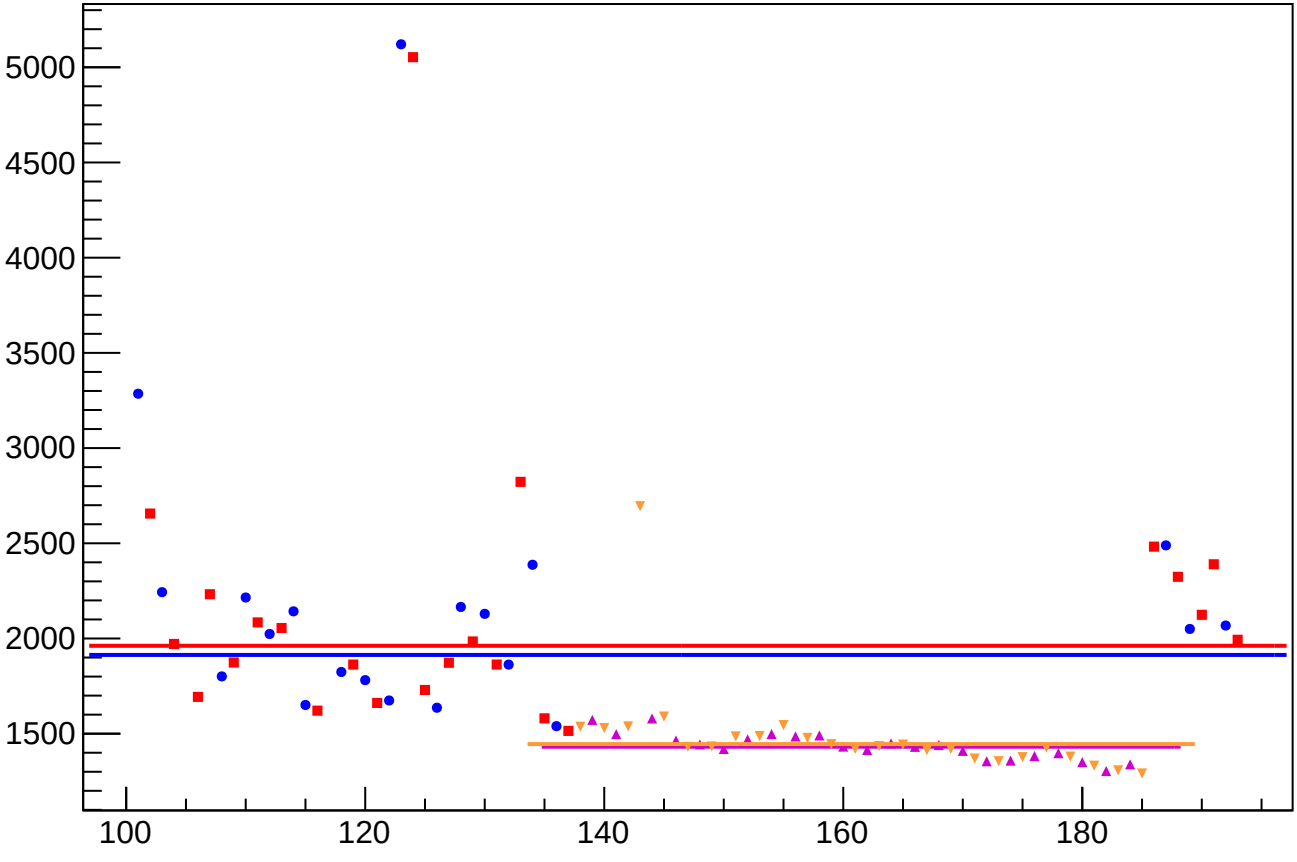
Right: -225.065+/-476.709 χ^2/NDF: 45.1/42

In: -155.946+/-307.521 χ^2/NDF:43.4/42

Out: -822.628+/-301.161 χ^2/NDF:50.1/47

All: -496.252+/-215.166 χ^2/NDF: 95.9/90

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1913.654+/-0.495 χ^2/NDF: 493156.3/19

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

Right Out: 1961.711+/-0.460 χ^2/NDF: 531680.1/22

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

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

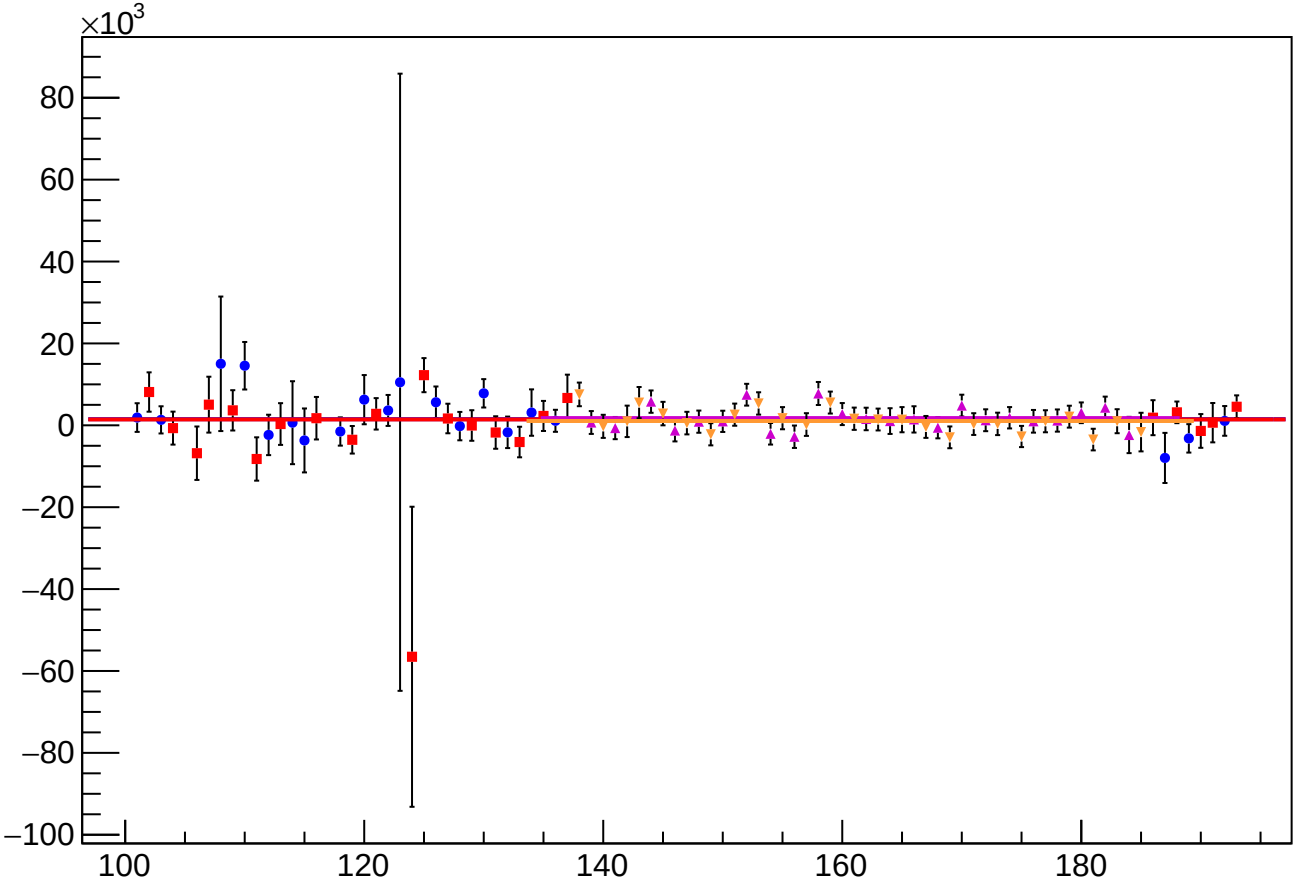
Right: 1939.457+/-0.337 χ^2/NDF: 1029890.2/42

In: 1524.546+/-0.217 χ^2/NDF:1335292.4/42

Out: 1556.057+/-0.213 χ^2/NDF:1896228.3/47

All: 1540.630+/-0.152 χ^2/NDF: 3242239.6/90

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1499.415+/-948.532 χ^2/NDF: 18.3/19

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

Right Out: 1436.251+/-865.327 χ^2/NDF: 25.3/22

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

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

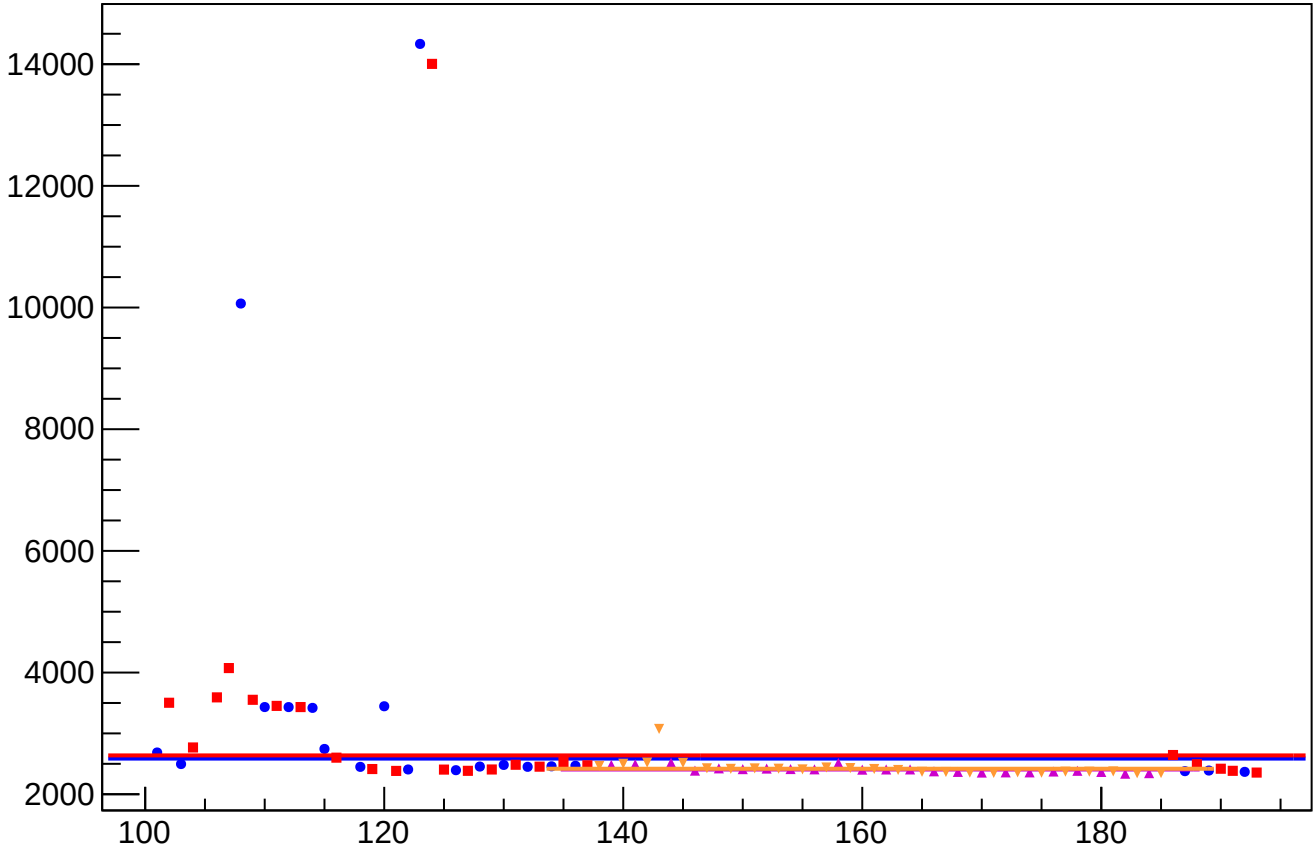
Right: 1464.941+/-639.275 χ^2/NDF: 43.6/42

In: 1691.587+/-491.496 χ^2/NDF:41.6/42

Out: 1170.899+/-473.815 χ^2/NDF:48.1/47

All: 1421.709+/-341.117 χ^2/NDF: 90.3/90

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.087+/-0.671 χ^2/NDF: 663511.7/19

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

Right Out: 2638.187+/-0.612 χ^2/NDF: 646224.9/22

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

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

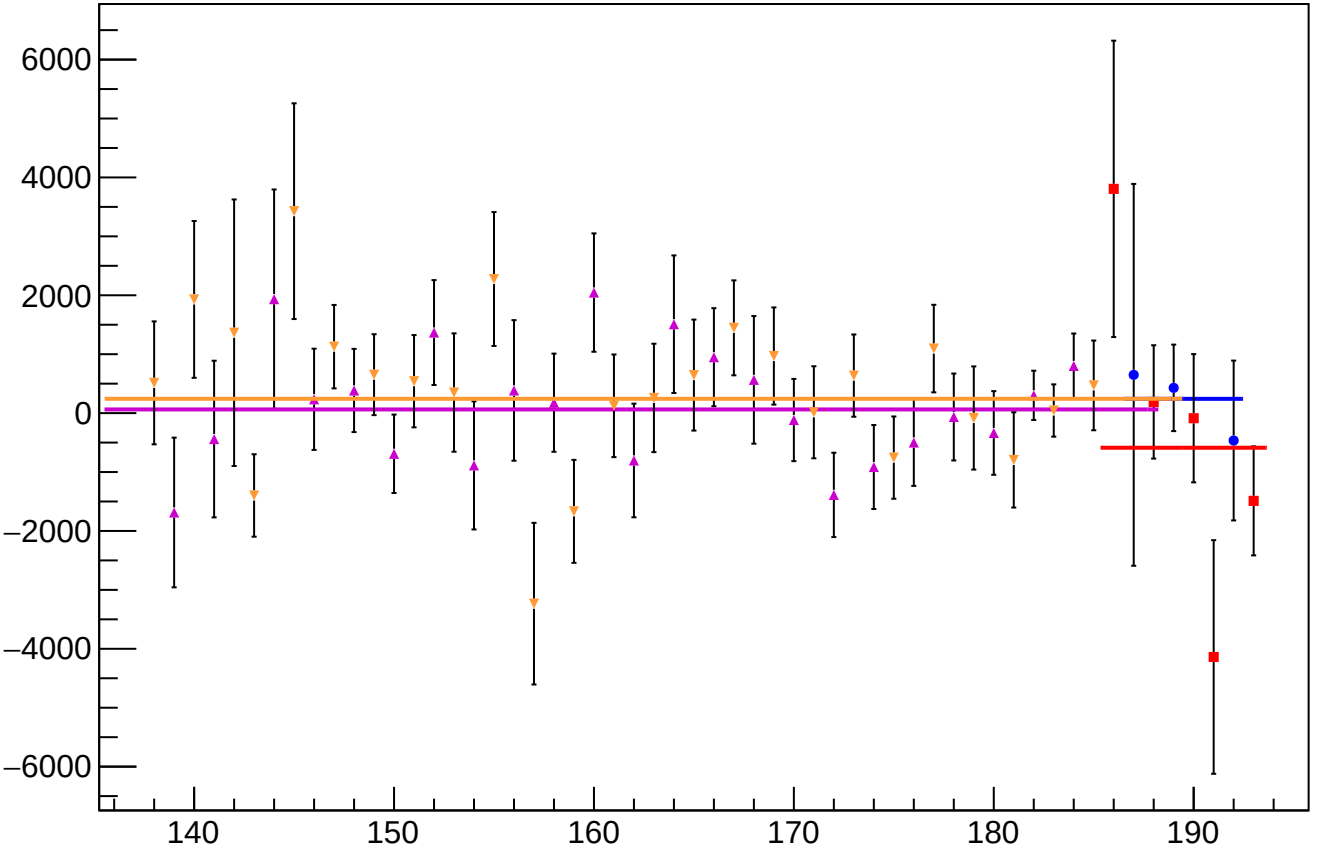
Right: 2614.522+/-0.452 χ^2/NDF: 1313029.8/42

In: 2454.676+/-0.348 χ^2/NDF:731233.6/42

Out: 2484.696+/-0.335 χ^2/NDF:810875.7/47

All: 2470.236+/-0.241 χ^2/NDF: 1545976.5/90

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 242.370+/-633.129 χ^2/NDF: 0.4/2

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

Right Out: -587.361+/-534.041 χ^2/NDF: 8.1/4

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

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

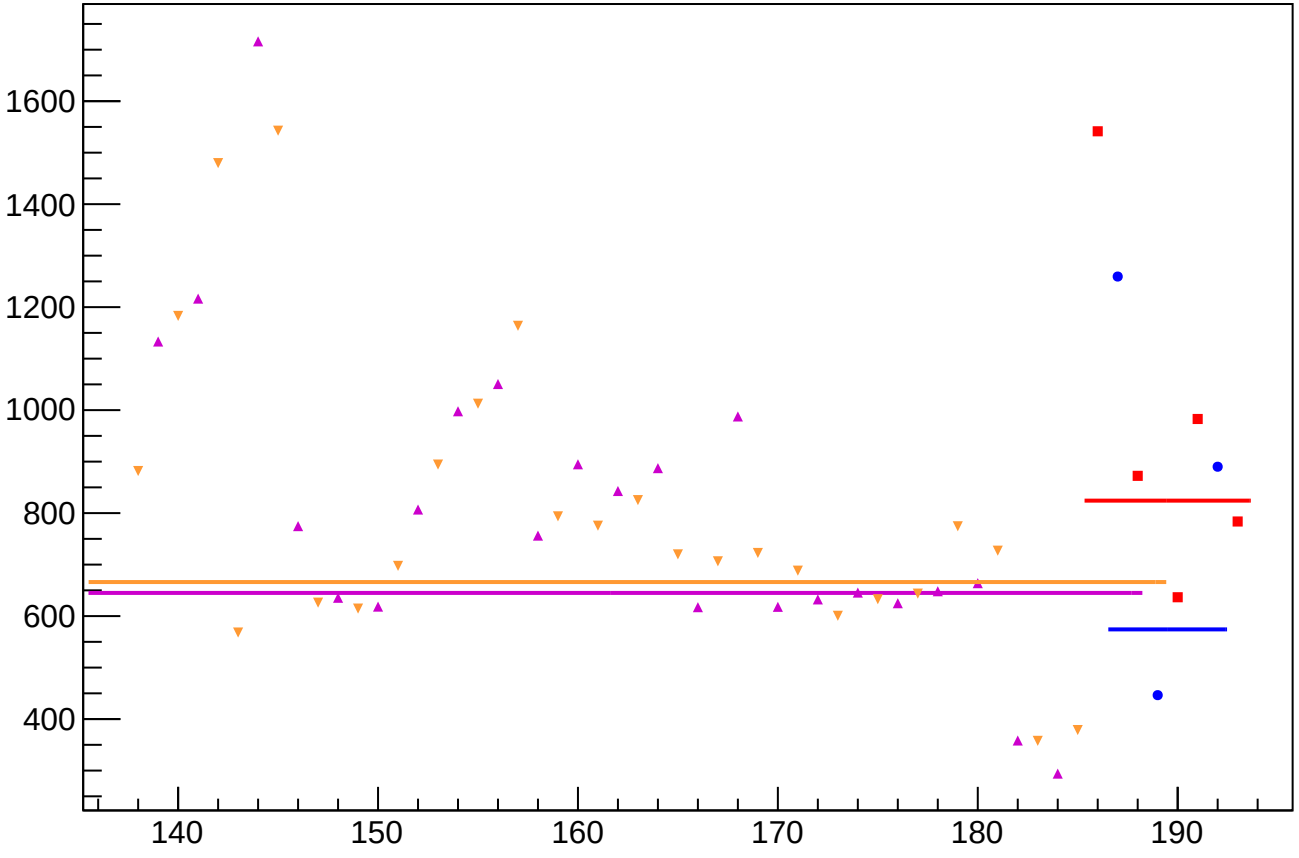
Right: -242.433+/-408.214 χ^2/NDF: 9.4/7

In: 73.897+/-158.913 χ^2/NDF:24.7/25

Out: 171.612+/-156.722 χ^2/NDF:46.3/29

All: 123.433+/-111.586 χ^2/NDF: 71.2/55

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 574.176+/-0.448 χ^2/NDF: 258468.3/2

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

Right Out: 824.238+/-0.378 χ^2/NDF: 243734.4/4

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

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

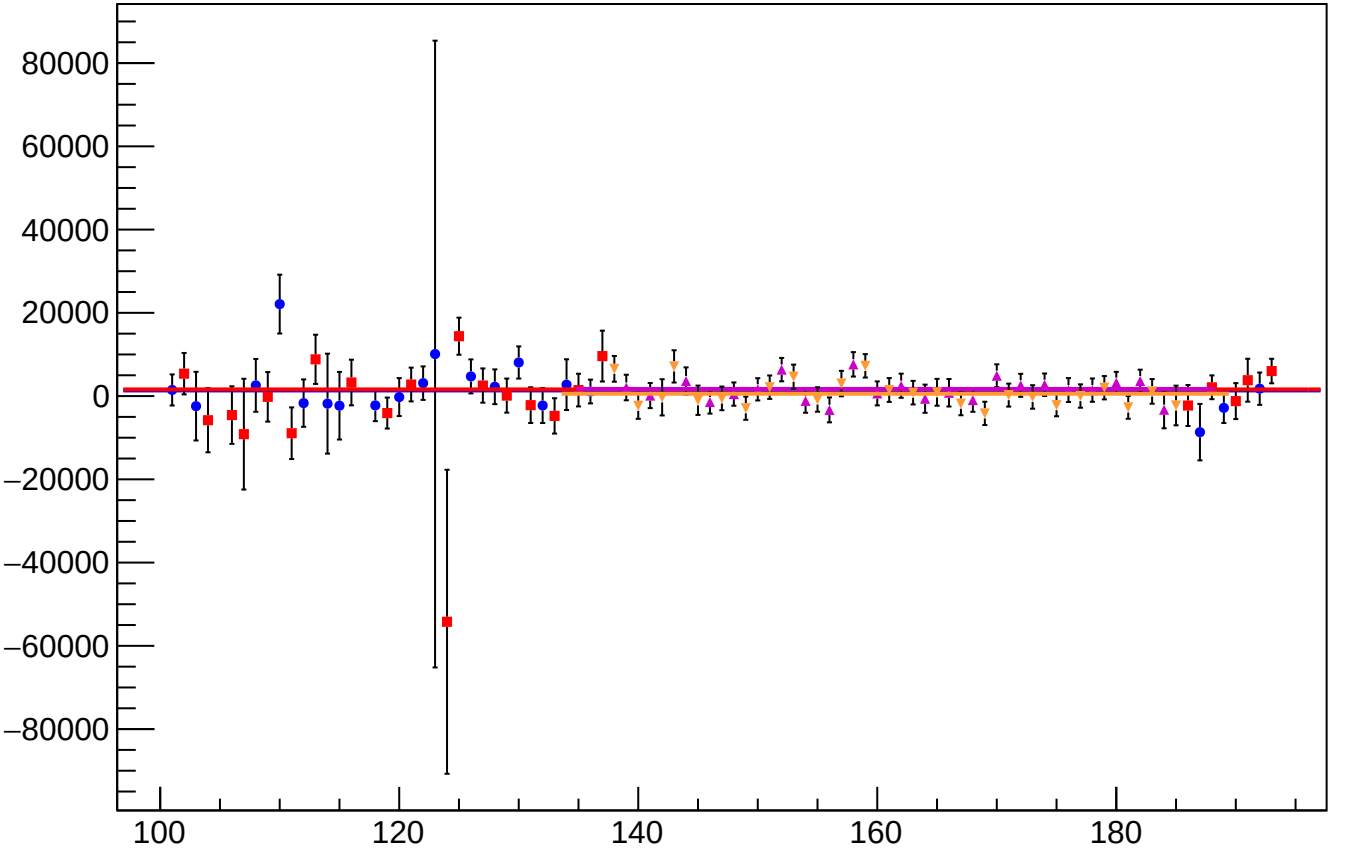
Right: 720.285+/-0.289 χ^2/NDF: 684495.4/7

In: 640.549+/-0.112 χ^2/NDF:4458221.6/25

Out: 679.749+/-0.111 χ^2/NDF:3594509.2/29

All: 660.421+/-0.079 χ^2/NDF: 8114425.5/55

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1362.920+/-1043.636 χ^2/NDF: 18.7/19

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

Right Out: 1601.786+/-964.837 χ^2/NDF: 28.9/22

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

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

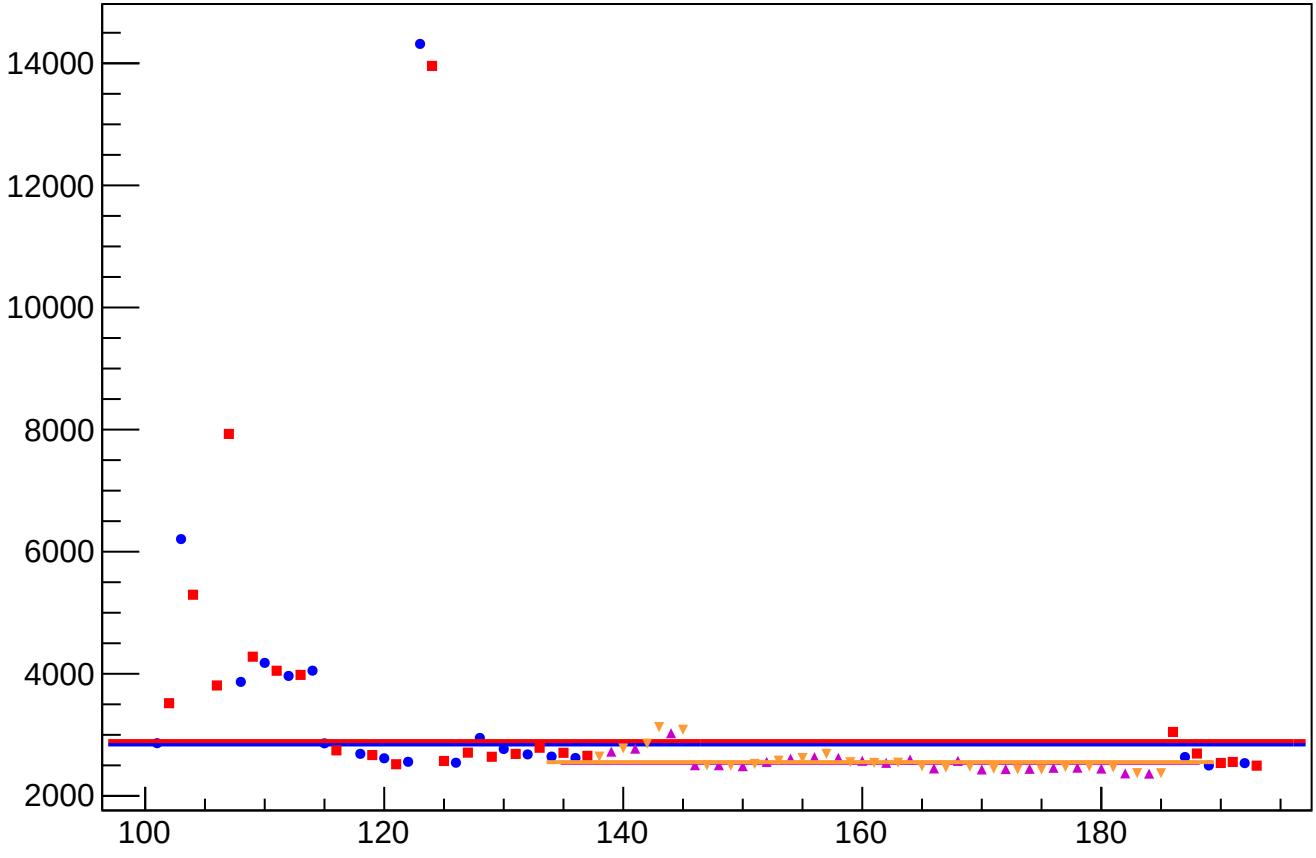
Right: 1491.710+/-708.464 χ^2/NDF: 47.7/42

In: 1624.577+/-525.205 χ^2/NDF:36.8/42

Out: 854.239+/-508.478 χ^2/NDF:54.9/47

All: 1226.946+/-365.319 χ^2/NDF: 92.9/90

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2842.355+/-0.738 χ^2/NDF: 680919.3/19

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

Right Out: 2897.763+/-0.682 χ^2/NDF: 1108259.4/22

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

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

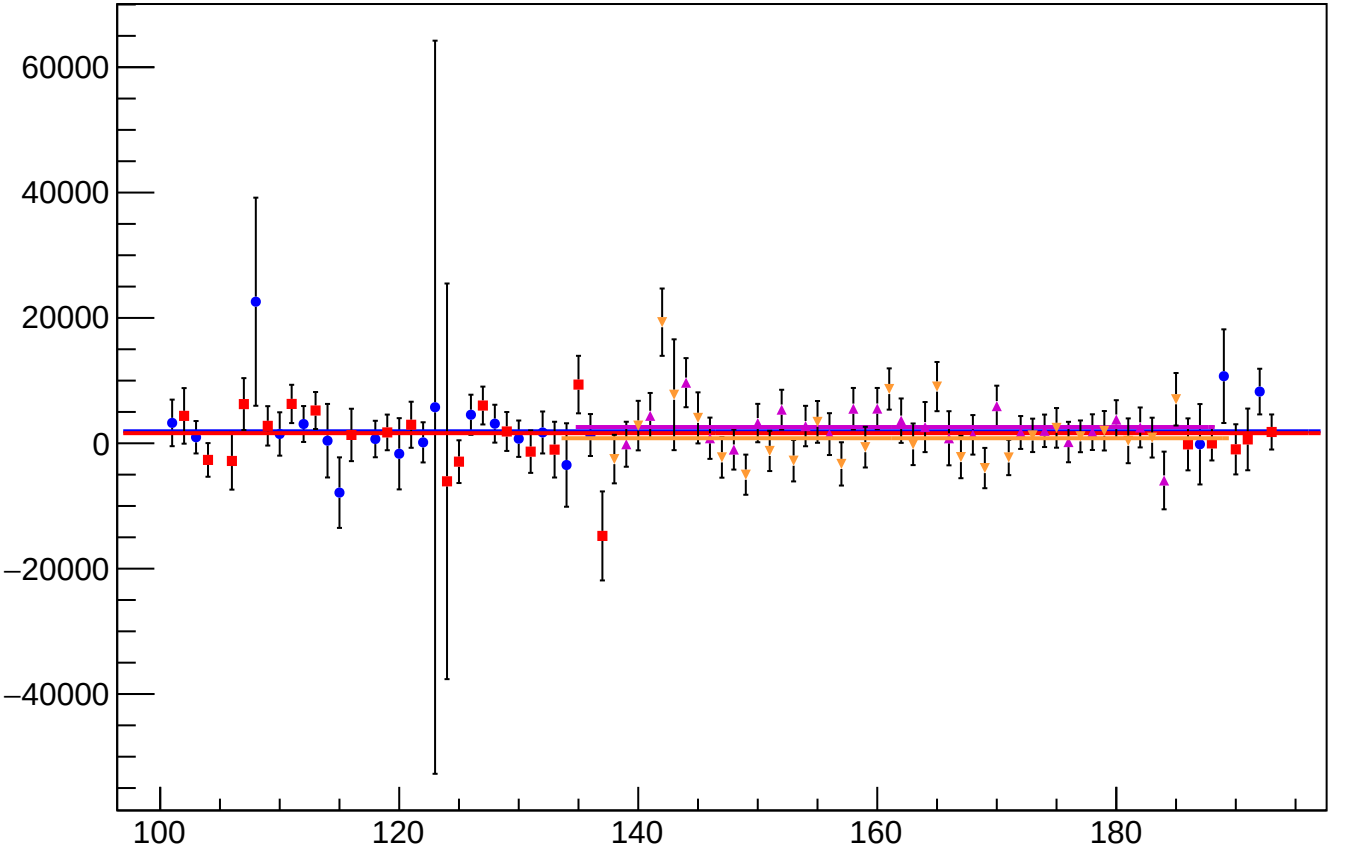
Right: 2872.229+/-0.501 χ^2/NDF: 1792218.3/42

In: 2618.029+/-0.371 χ^2/NDF:901899.9/42

Out: 2648.824+/-0.360 χ^2/NDF:1441027.6/47

All: 2633.925+/-0.258 χ^2/NDF: 2346476.6/90

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1914.184+/-850.368 χ^2/NDF: 12.2/19

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

Right Out: 1615.195+/-744.404 χ^2/NDF: 23.5/22

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

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

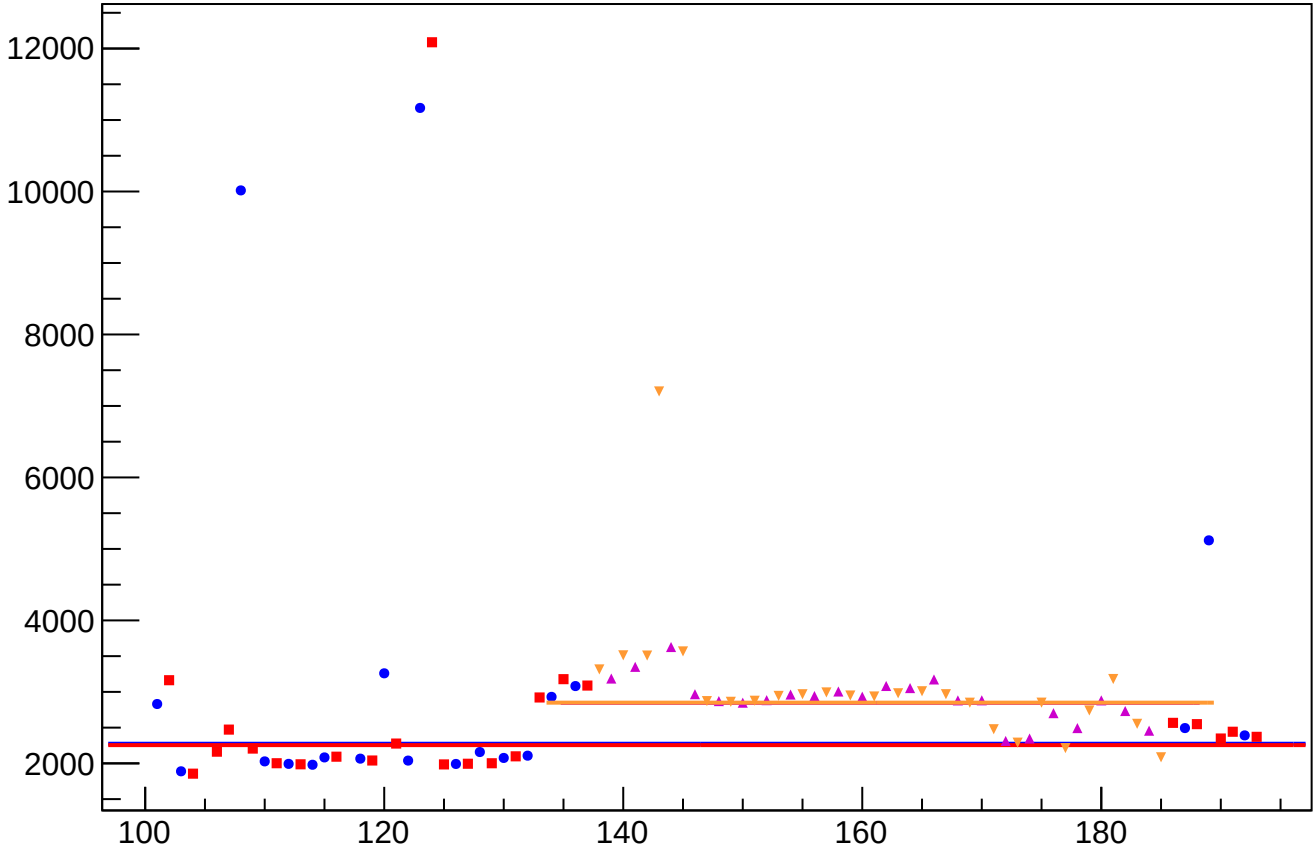
Right: 1744.911+/-560.113 χ^2/NDF: 35.7/42

In: 2327.972+/-532.896 χ^2/NDF:26.6/42

Out: 1173.325+/-501.057 χ^2/NDF:63.3/47

All: 1715.126+/-365.038 χ^2/NDF: 92.3/90

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2274.590+/-0.601 χ^2/NDF: 1151452.5/19

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

Right Out: 2255.399+/-0.526 χ^2/NDF: 614295.0/22

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

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

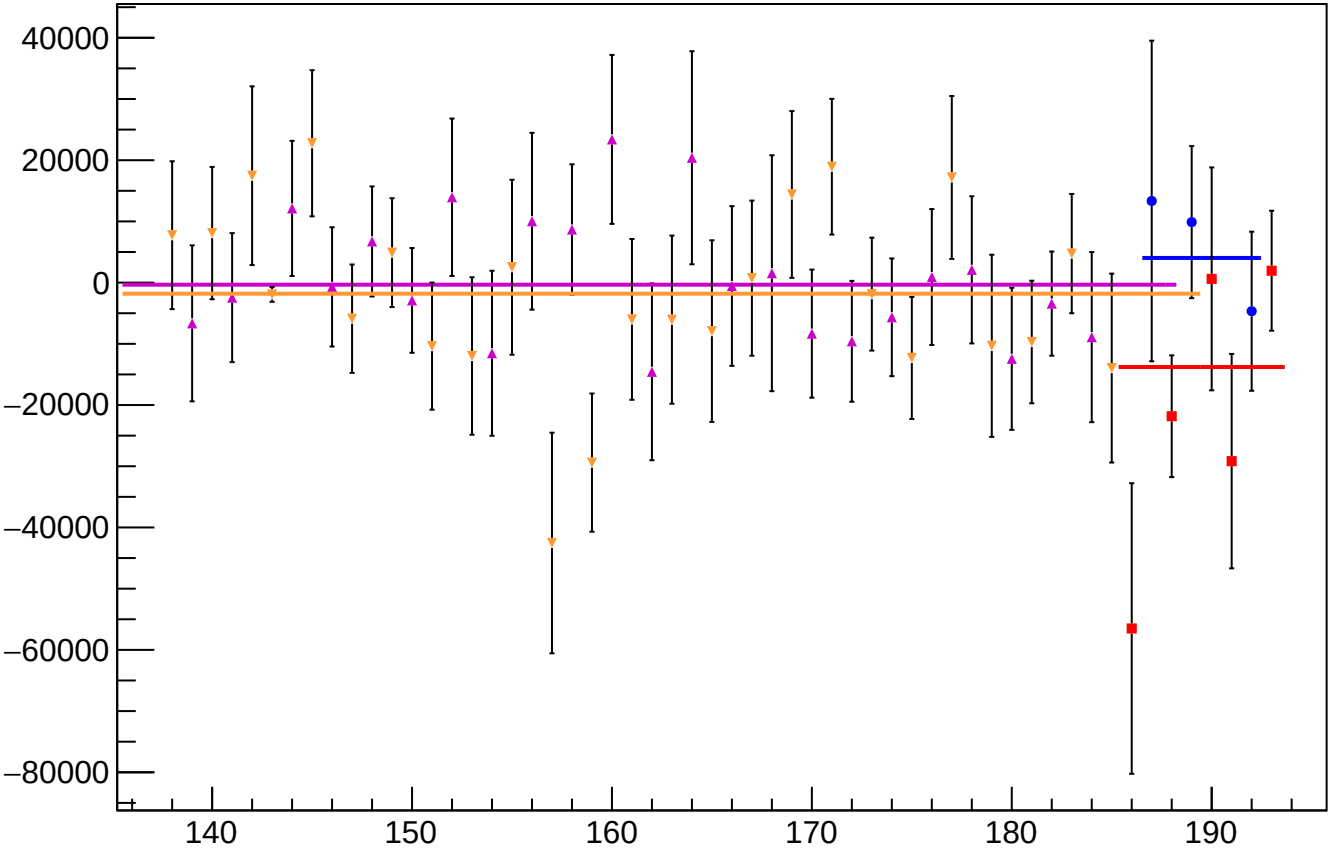
Right: 2263.719+/-0.396 χ^2/NDF: 1766324.5/42

In: 2620.860+/-0.377 χ^2/NDF:2081302.7/42

Out: 2580.039+/-0.354 χ^2/NDF:2345366.2/47

All: 2599.188+/-0.258 χ^2/NDF: 4432899.3/90

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 4032.895+/-8494.681 χ^2/NDF: 0.8/2

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

Right Out: -13787.852+/-5914.700 χ^2/NDF: 7.9/4

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

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

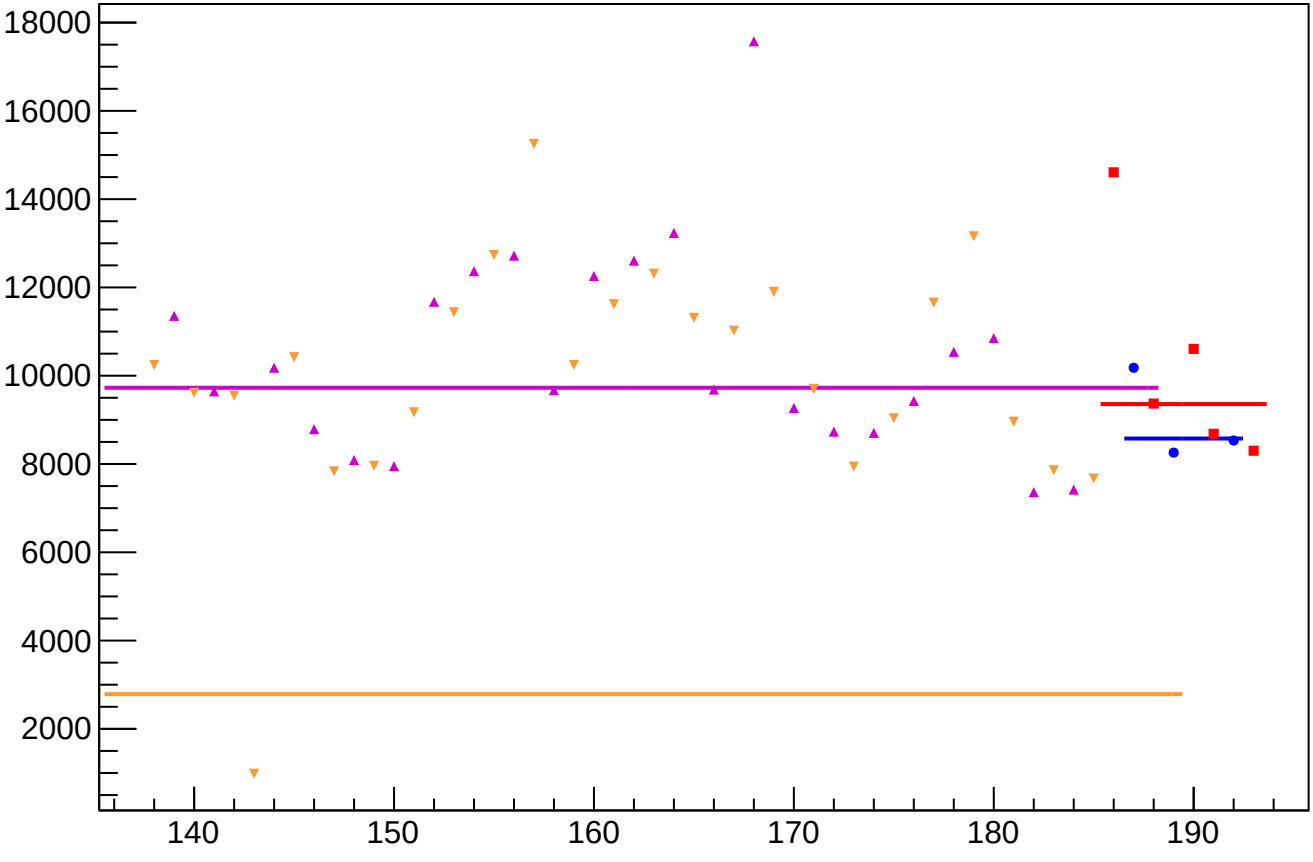
Right: -7969.146+/-4853.973 χ^2/NDF: 11.6/7

In: -24.501+/-2279.230 χ^2/NDF:15.2/25

Out: -2195.781+/-1060.694 χ^2/NDF:43.0/29

All: -1809.252+/-961.659 χ^2/NDF: 59.0/55

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 8577.295+/-6.007 χ^2/NDF: 8836.4/2

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

Right Out: 9358.085+/-4.182 χ^2/NDF: 133515.7/4

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

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

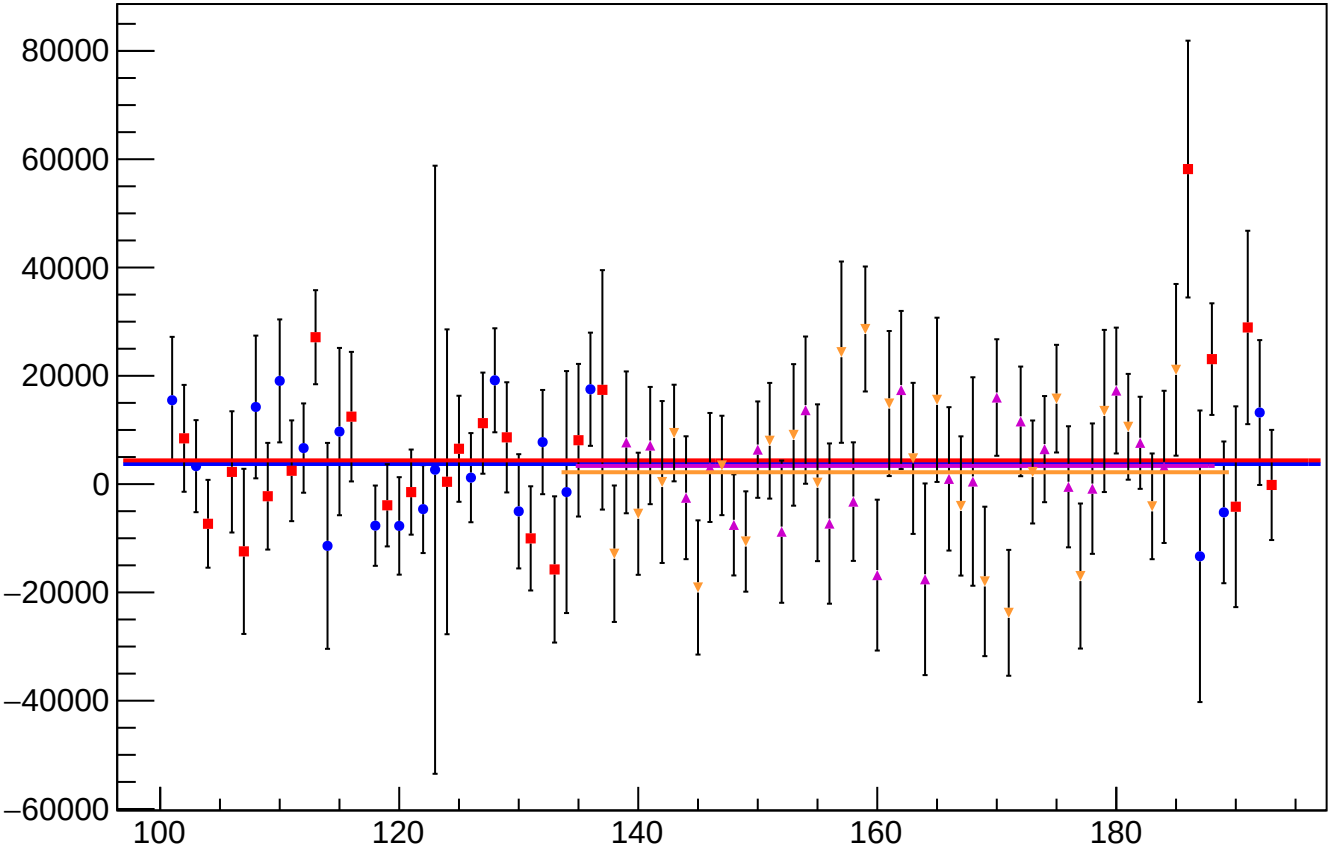
Right: 9103.147+/-3.432 χ^2/NDF: 153731.8/7

In: 9644.468+/-1.612 χ^2/NDF:1304256.7/25

Out: 2997.804+/-0.750 χ^2/NDF:25386096.7/29

All: 4181.035+/-0.680 χ^2/NDF: 40670864.8/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3717.751+/-2413.409 χ^2/NDF: 16.1/19

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

Right Out: 4383.083+/-2256.140 χ^2/NDF: 29.5/22

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

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

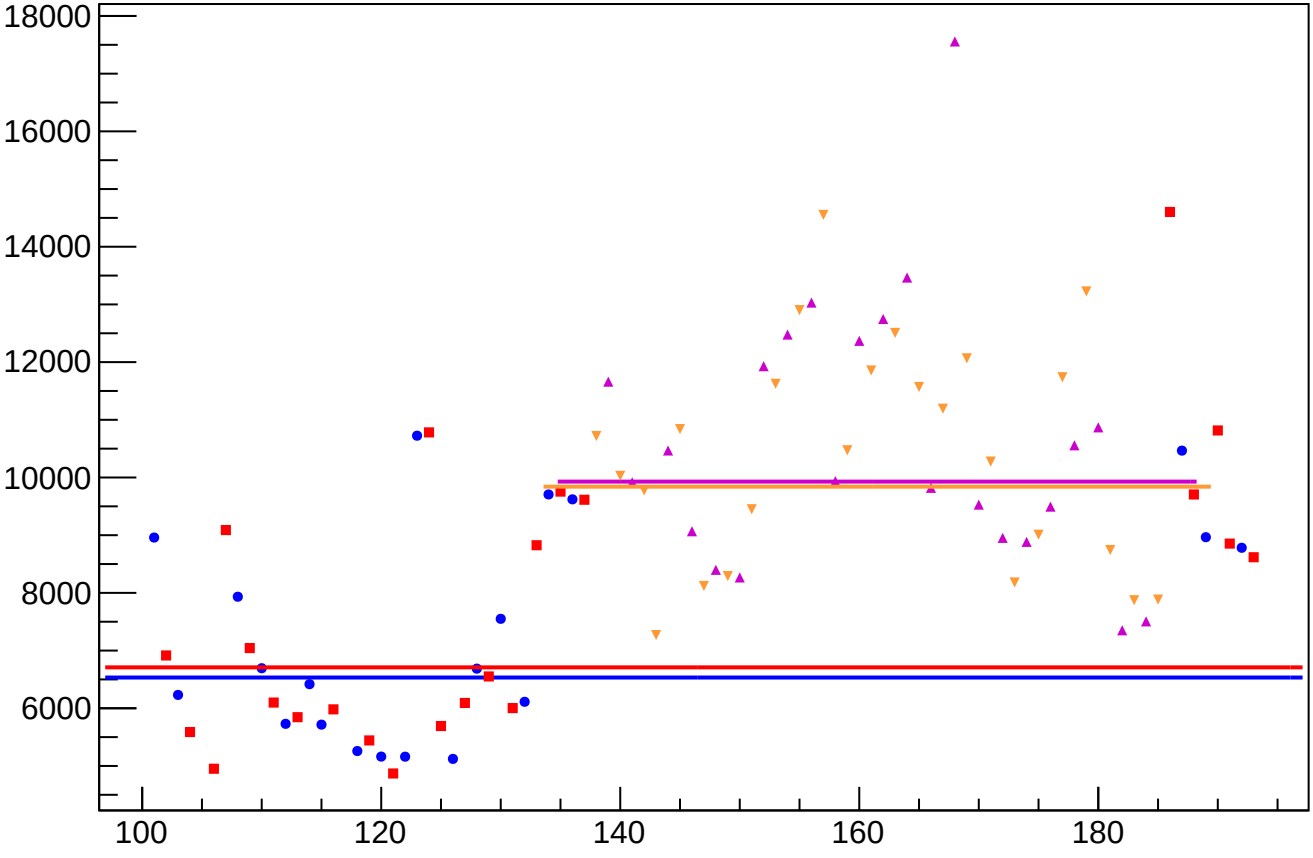
Right: 4072.800+/-1648.128 χ^2/NDF: 45.6/42

In: 3540.152+/-1706.691 χ^2/NDF:29.0/42

Out: 3330.892+/-1626.373 χ^2/NDF:61.1/47

All: 3430.482+/-1177.390 χ^2/NDF: 90.1/90

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6532.912+/-1.707 χ^2/NDF: 774726.0/19

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

Right Out: 6708.989+/-1.595 χ^2/NDF: 1188968.7/22

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

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

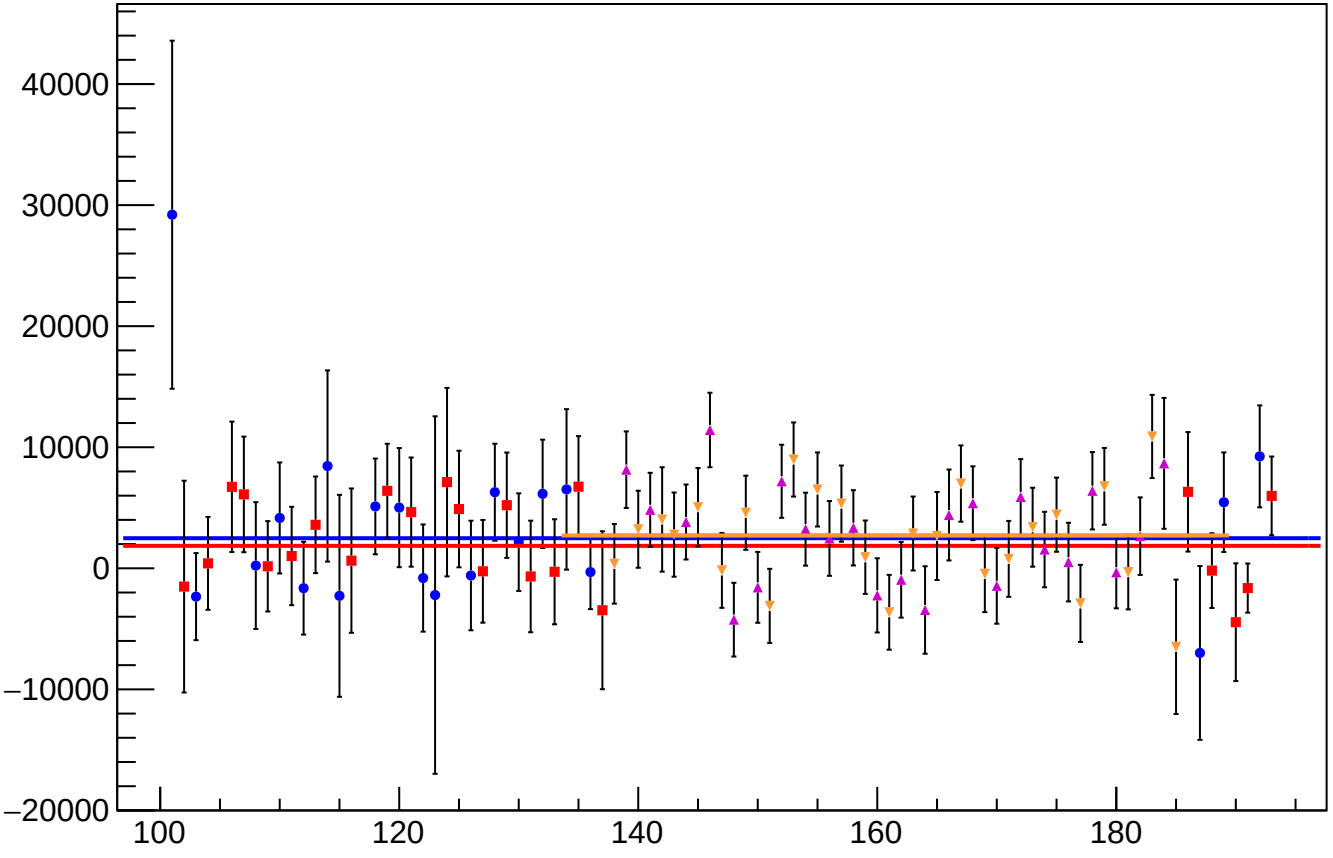
Right: 6626.877+/-1.165 χ^2/NDF: 1969375.9/42

In: 8230.475+/-1.207 χ^2/NDF:3974930.3/42

Out: 8213.506+/-1.150 χ^2/NDF:4225496.8/47

All: 8221.582+/-0.833 χ^2/NDF: 8200530.7/90

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2485.491+/-1047.030 χ^2/NDF: 17.1/19

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

Right Out: 1855.174+/-853.417 χ^2/NDF: 15.9/22

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

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

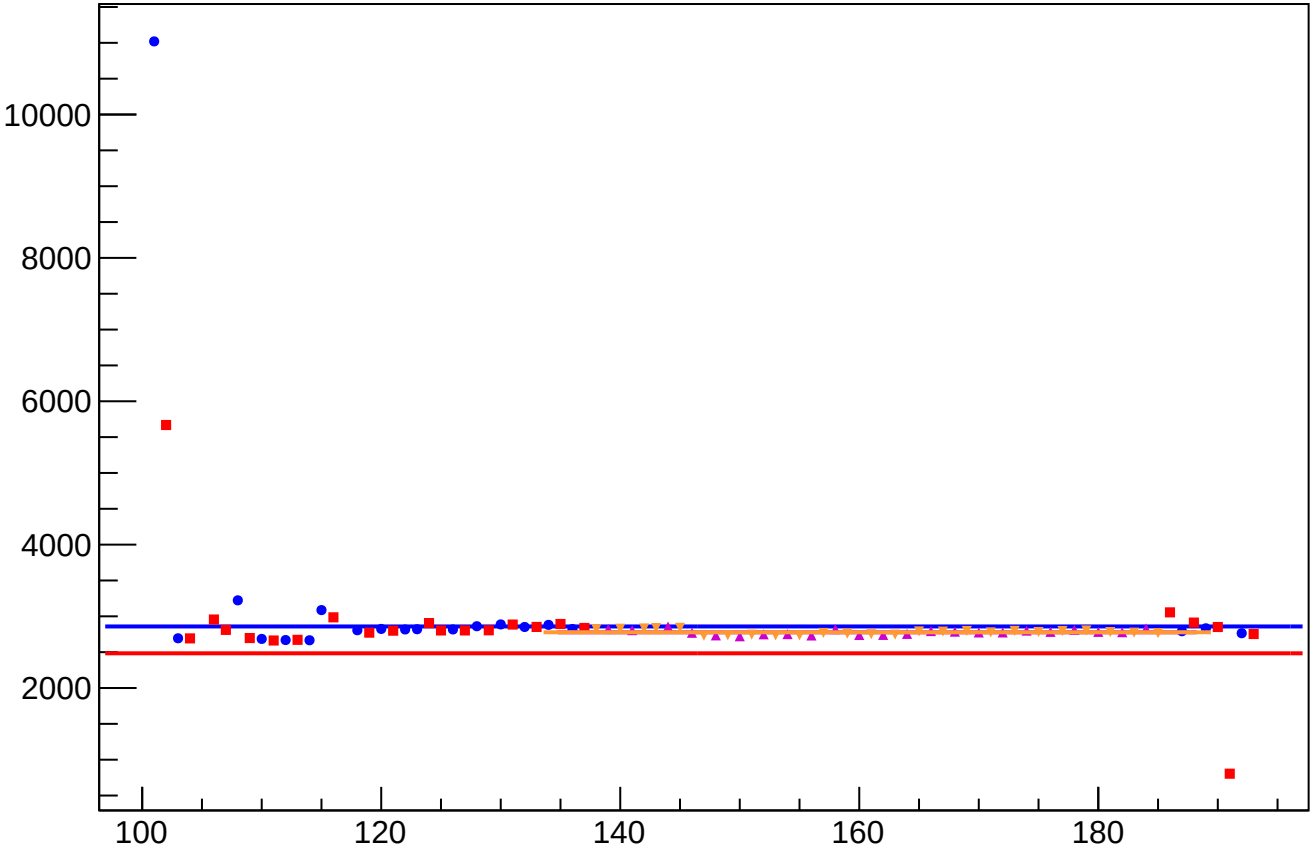
Right: 2106.777+/-661.511 χ^2/NDF: 33.2/42

In: 2637.091+/-559.869 χ^2/NDF:53.2/42

Out: 2398.507+/-516.507 χ^2/NDF:51.3/47

All: 2508.203+/-379.631 χ^2/NDF: 104.5/90

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2858.714+/-0.740 χ^2/NDF: 671330.6/19

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

Right Out: 2484.141+/-0.603 χ^2/NDF: 1897650.5/22

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

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

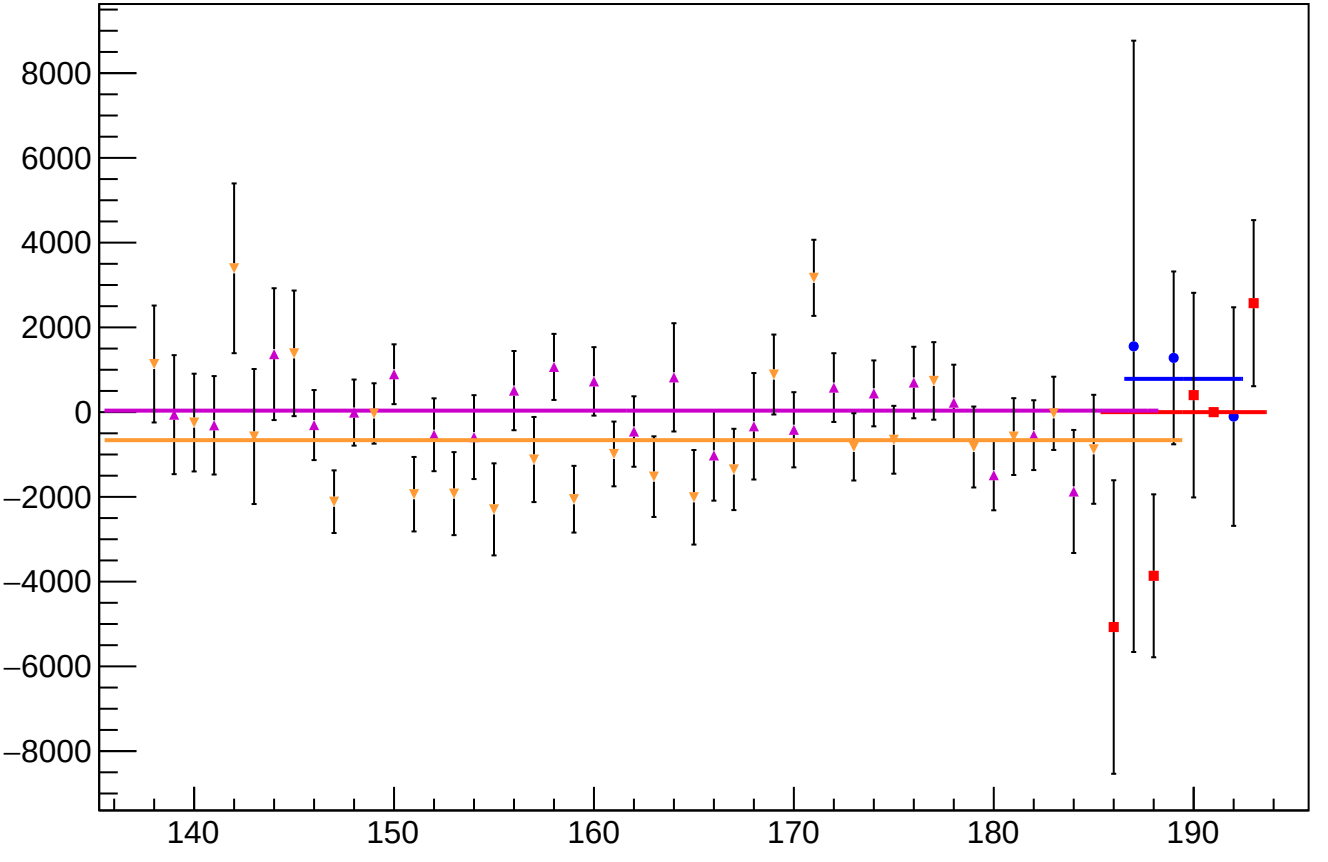
Right: 2633.659+/-0.468 χ^2/NDF: 2722773.9/42

In: 2800.618+/-0.396 χ^2/NDF:685442.4/42

Out: 2670.013+/-0.365 χ^2/NDF:2052612.1/47

All: 2730.062+/-0.268 χ^2/NDF: 2796850.3/90

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 785.114+/-1561.829 χ^2/NDF: 0.2/2

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

Right Out: -0.256+/-4.105 χ^2/NDF: 7.9/4

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

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

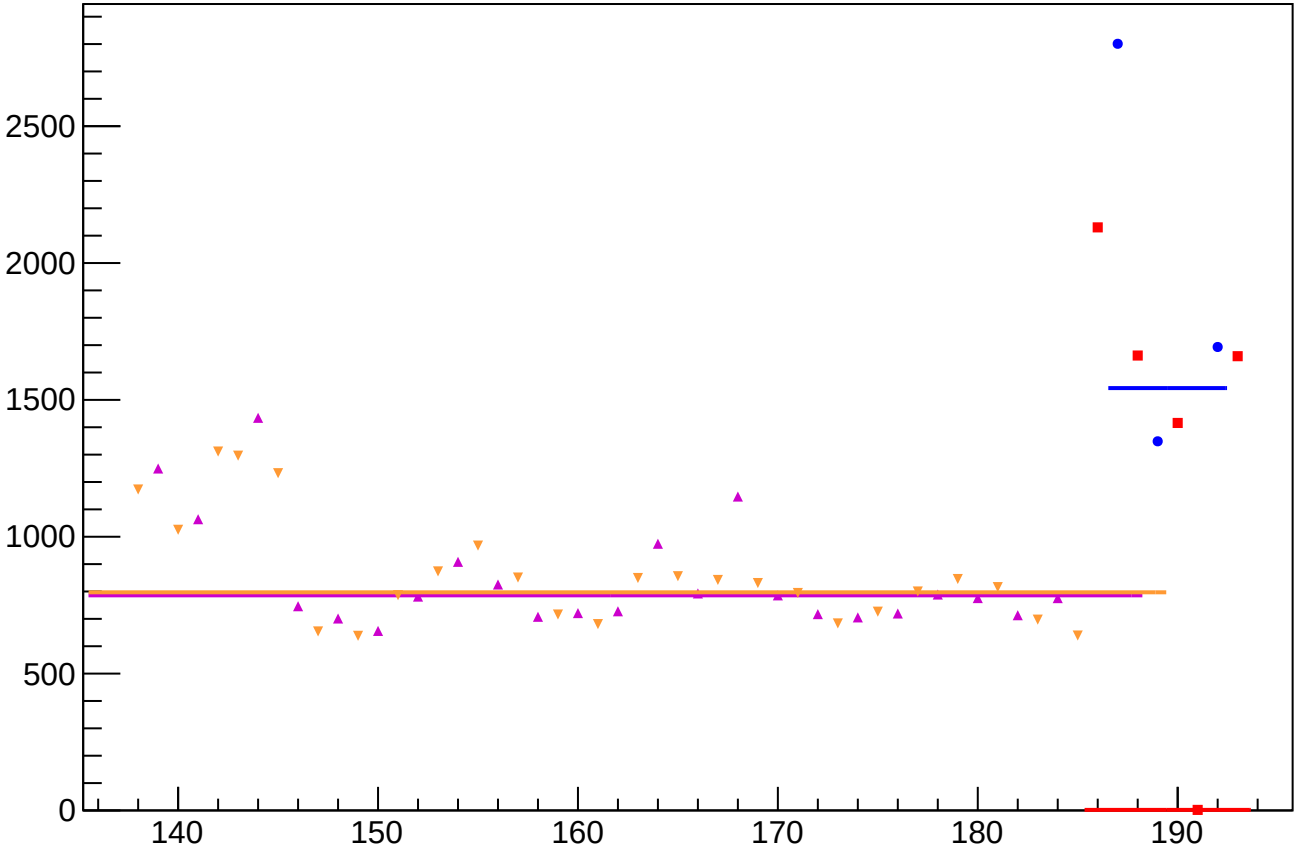
Right: -0.251+/-4.105 χ^2/NDF: 8.4/7

In: 46.362+/-189.151 χ^2/NDF:15.5/25

Out: -0.564+/-4.104 χ^2/NDF:68.7/29

All: -0.542+/-4.103 χ^2/NDF: 84.3/55

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1543.114+/-1.104 χ^2/NDF: 85771.5/2

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

Right Out: 2.059+/-0.003 χ^2/NDF: 4362170.8/4

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

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

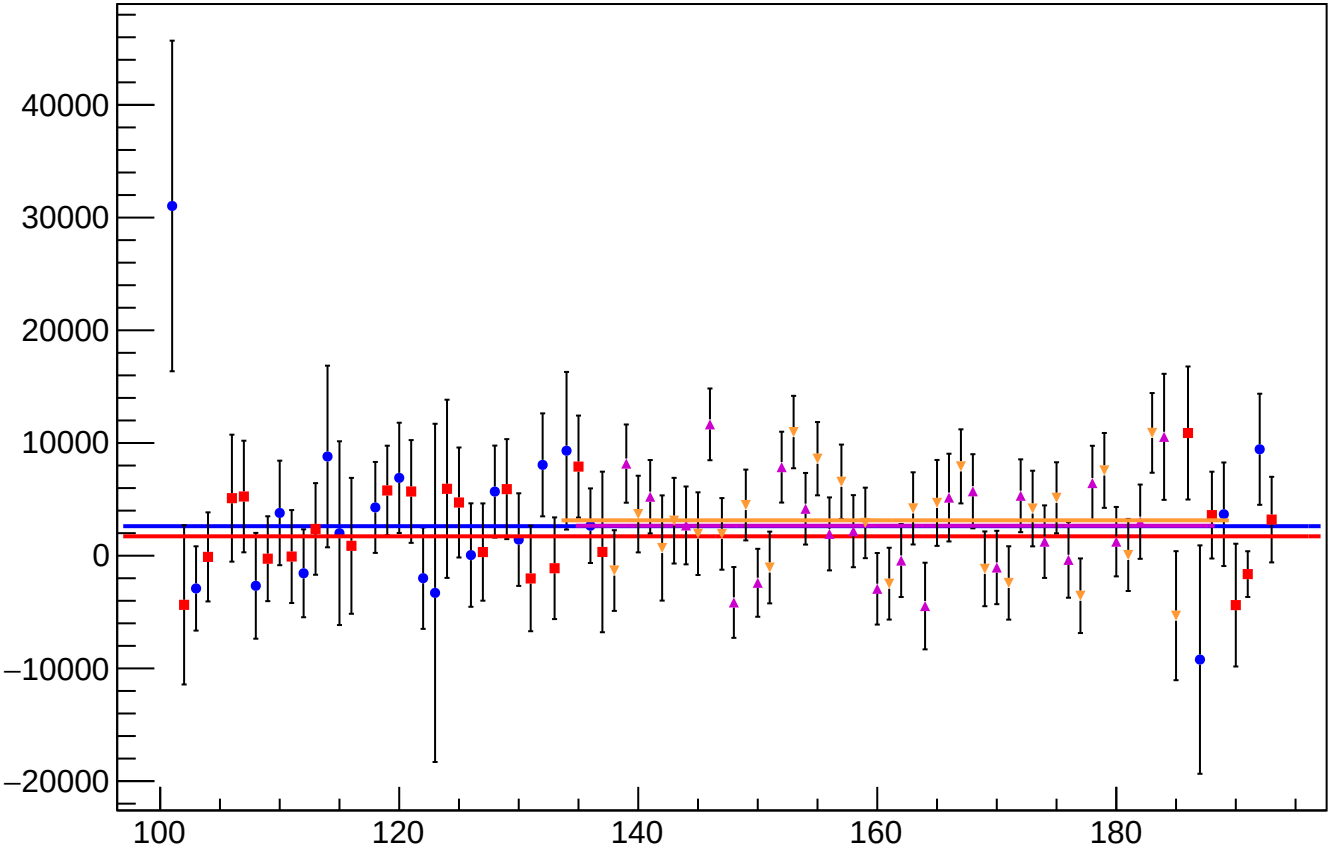
Right: 2.070+/-0.003 χ^2/NDF: 6395077.8/7

In: 797.034+/-0.134 χ^2/NDF:1674980.6/25

Out: 2.429+/-0.003 χ^2/NDF:40448557.6/29

All: 2.803+/-0.003 χ^2/NDF: 77402197.8/55

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2618.888+/-1087.285 χ^2/NDF: 17.8/19

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

Right Out: 1721.225+/-893.279 χ^2/NDF: 15.5/22

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

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

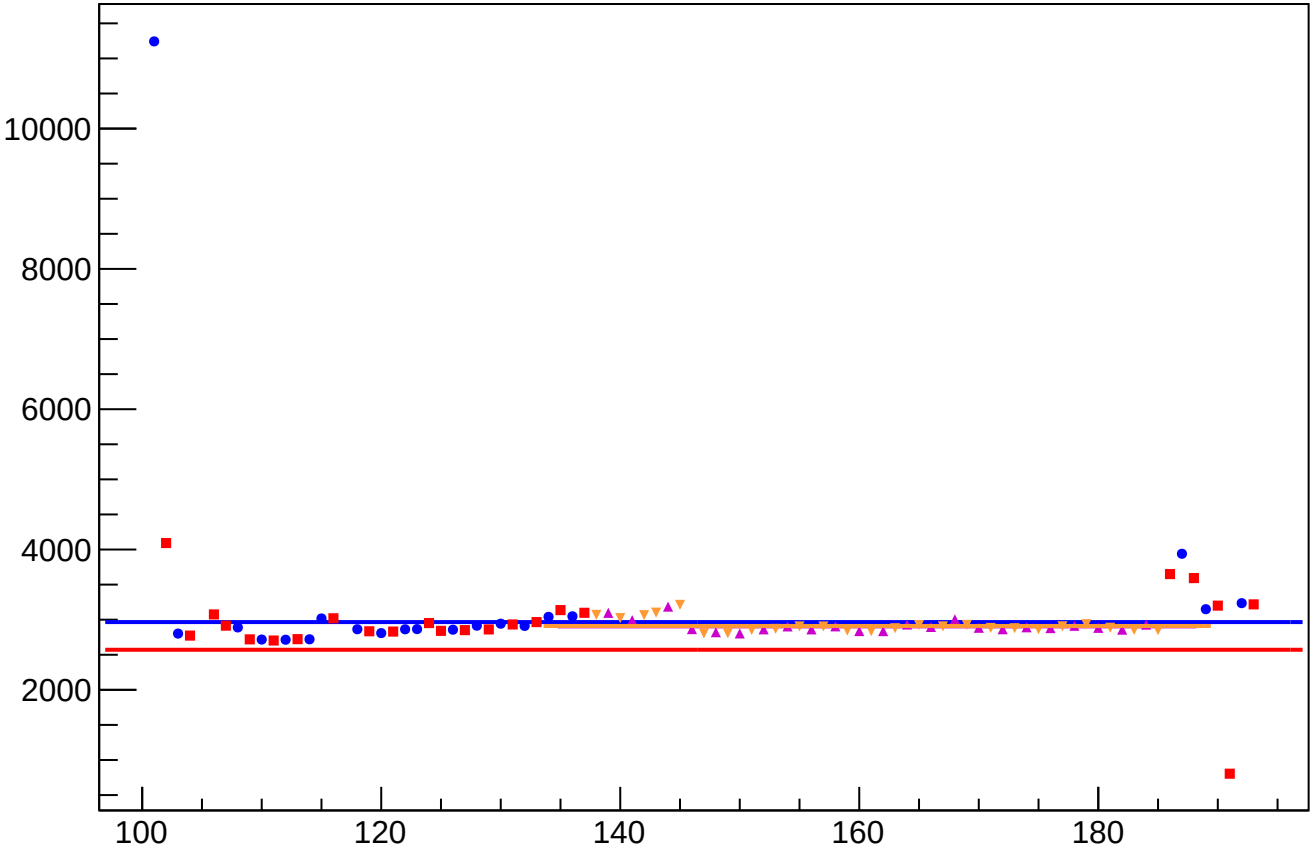
Right: 2082.962+/-690.213 χ^2/NDF: 33.7/42

In: 2647.998+/-584.464 χ^2/NDF:54.7/42

Out: 2618.854+/-541.179 χ^2/NDF:55.4/47

All: 2632.307+/-397.093 χ^2/NDF: 110.1/90

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2965.802+/-0.769 χ^2/NDF: 692750.9/19

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

Right Out: 2571.256+/-0.632 χ^2/NDF: 2063296.7/22

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

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

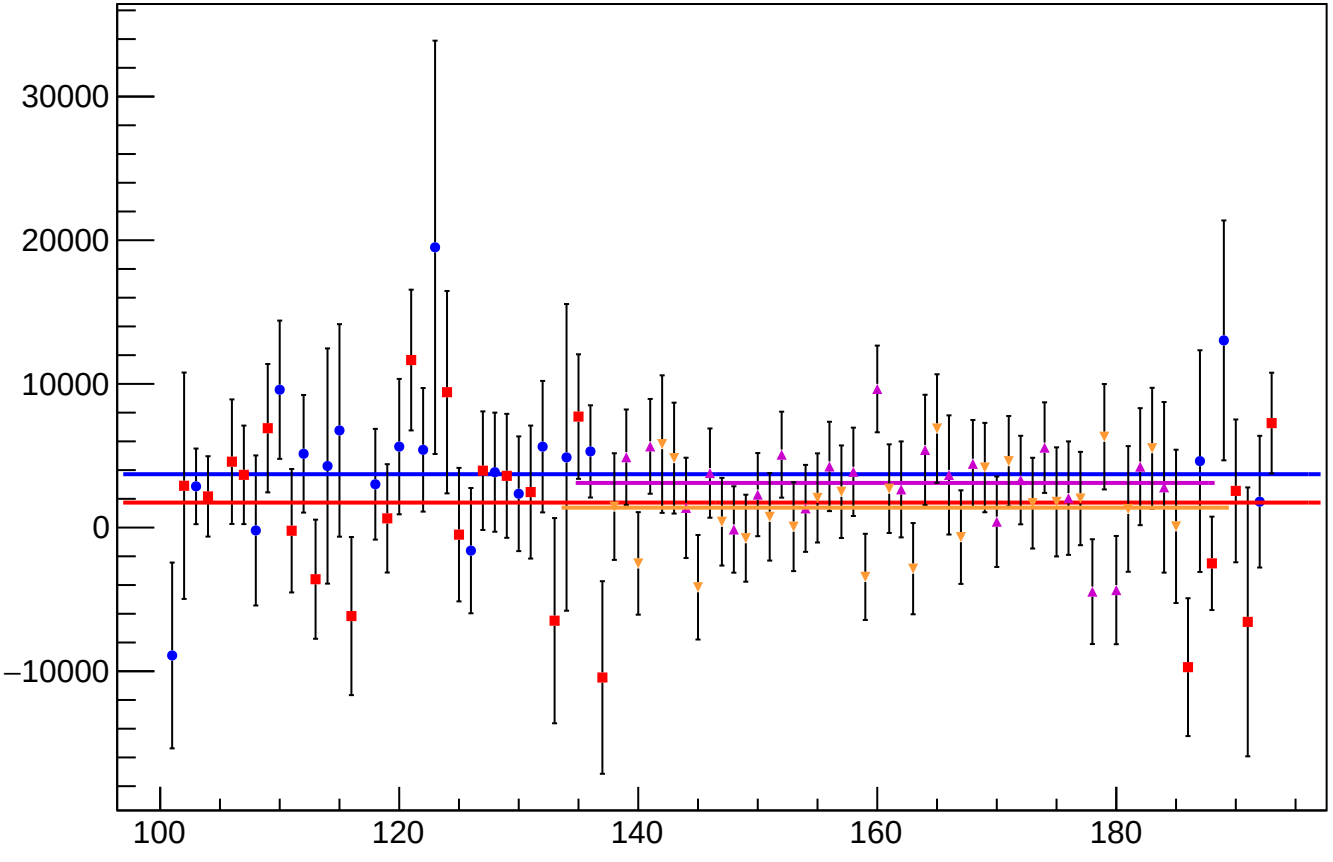
Right: 2730.248+/-0.488 χ^2/NDF: 2913275.8/42

In: 2922.213+/-0.413 χ^2/NDF:727694.6/42

Out: 2785.898+/-0.383 χ^2/NDF:2281811.4/47

All: 2848.821+/-0.281 χ^2/NDF: 3068079.7/90

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3714.309+/-1043.629 χ^2/NDF: 11.3/19

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

Right Out: 1738.955+/-919.927 χ^2/NDF: 29.4/22

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

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

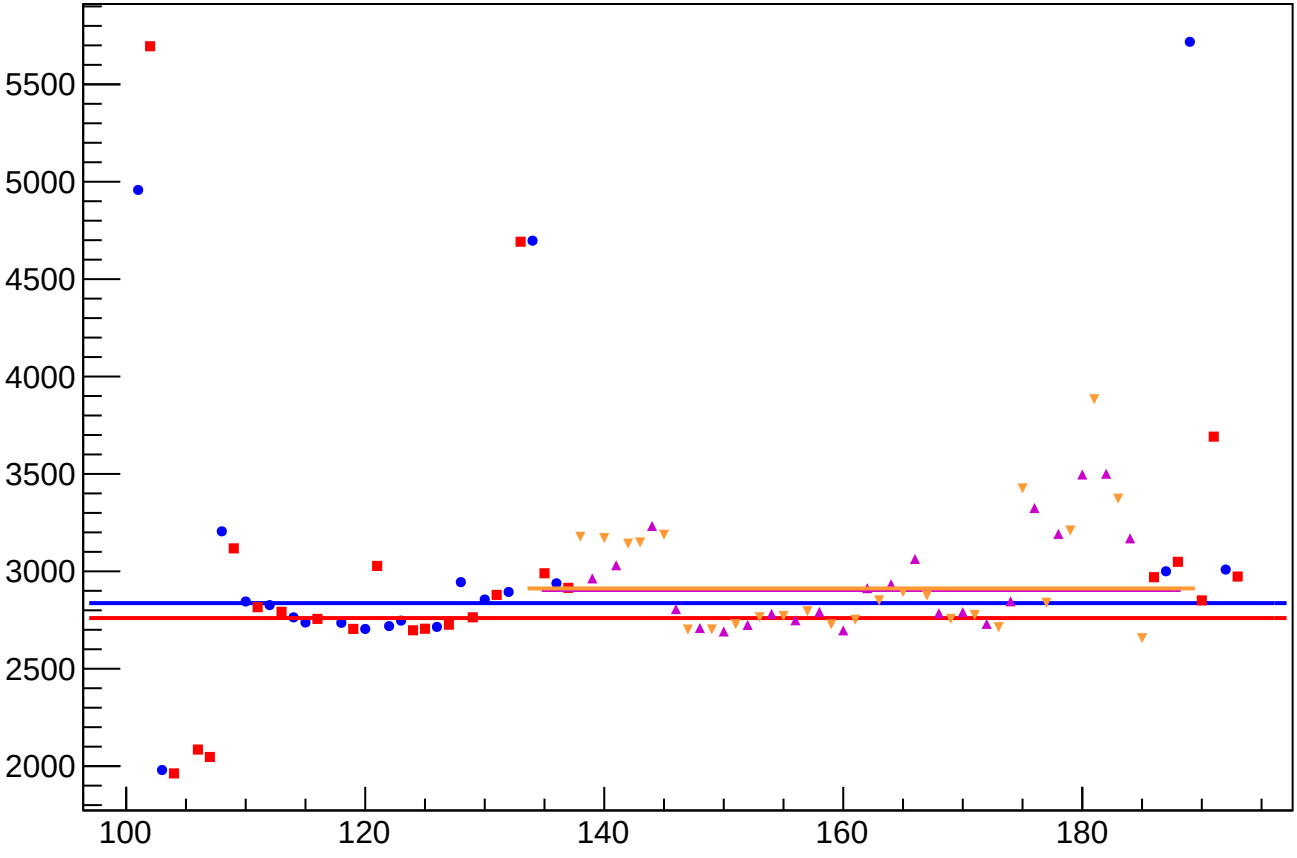
Right: 2602.678+/-690.099 χ^2/NDF: 42.7/42

In: 3293.755+/-578.862 χ^2/NDF:29.9/42

Out: 1511.990+/-549.232 χ^2/NDF:47.5/47

All: 2356.106+/-398.429 χ^2/NDF: 82.4/90

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2836.910+/-0.738 χ^2/NDF: 750154.2/19

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2760.130+/-0.650 χ^2/NDF: 797753.6/22

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

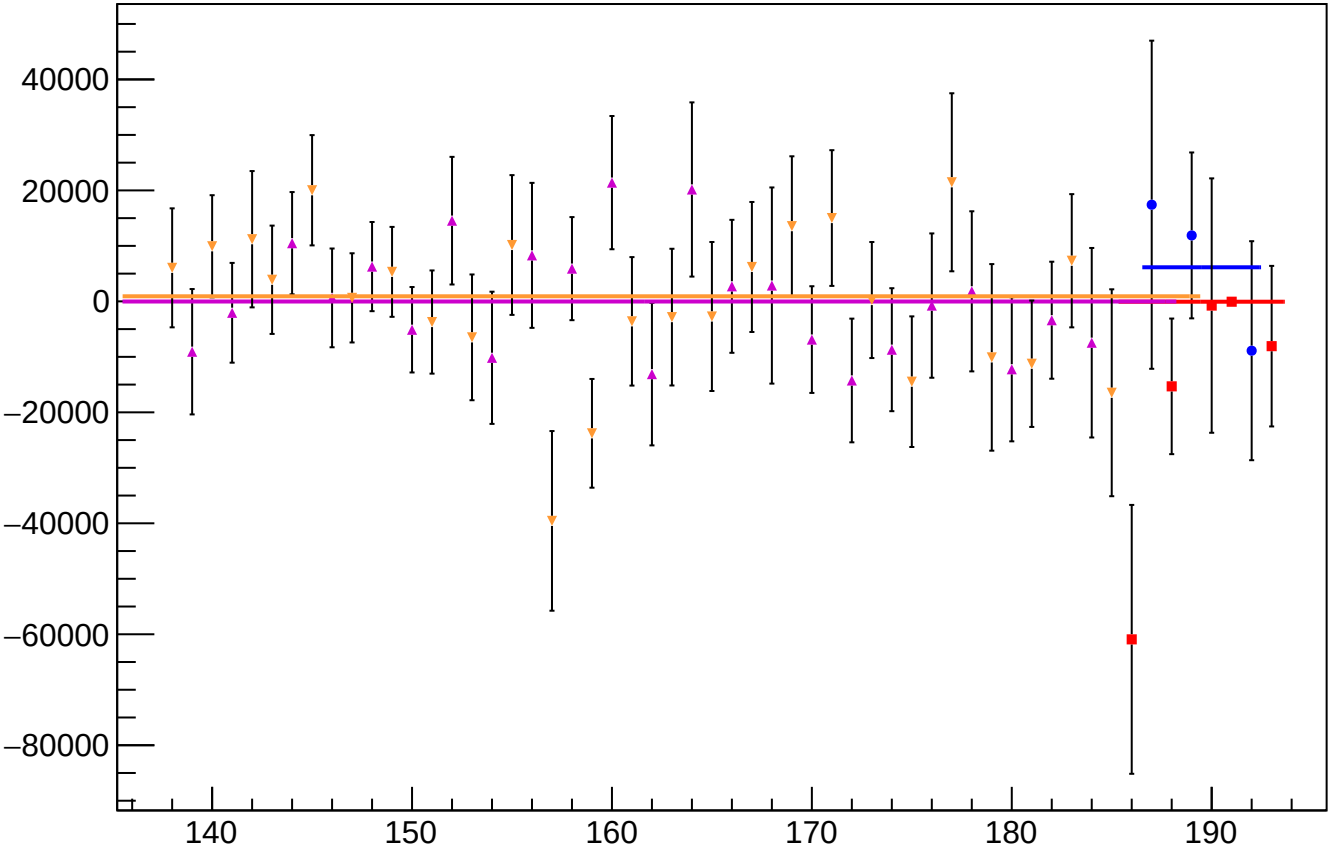
Right: 2793.693+/-0.488 χ^2/NDF: 1554001.1/42

In: 2883.686+/-0.409 χ^2/NDF:973536.2/42

Out: 2857.983+/-0.388 χ^2/NDF:1123849.7/47

All: 2870.159+/-0.282 χ^2/NDF: 2099461.3/90

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 6142.788+/-11053.139 χ^2/NDF: 0.9/2

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -62.883+/-29.129 χ^2/NDF: 8.2/4

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

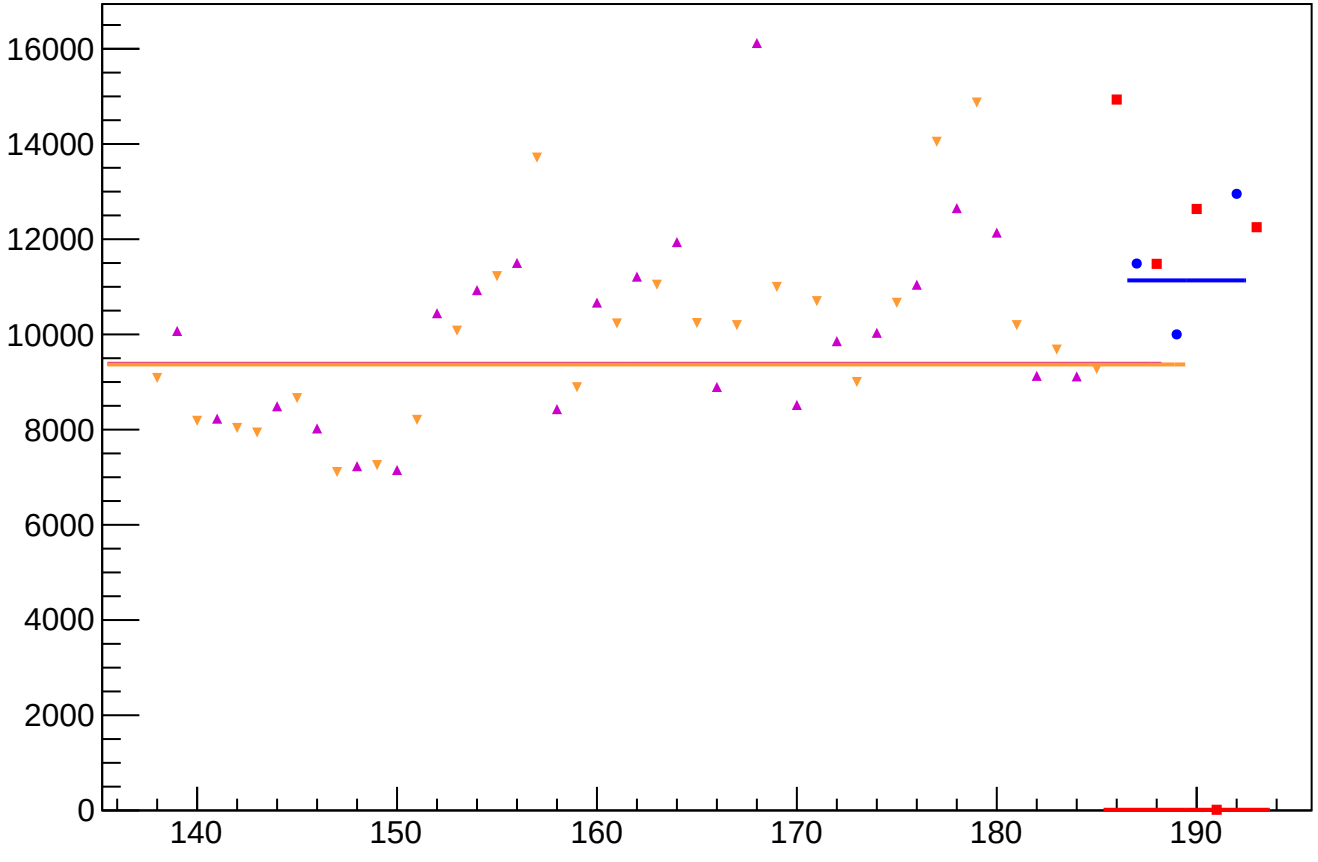
Right: -62.840+/-29.129 χ^2/NDF: 9.4/7

In: 226.119+/-2233.390 χ^2/NDF:17.3/25

Out: -62.718+/-29.127 χ^2/NDF:37.1/29

All: -62.668+/-29.124 χ^2/NDF: 54.4/55

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 11134.757+/-7.816 χ^2/NDF: 28784.4/2

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.595+/-0.021 χ^2/NDF: 4556388.7/4

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

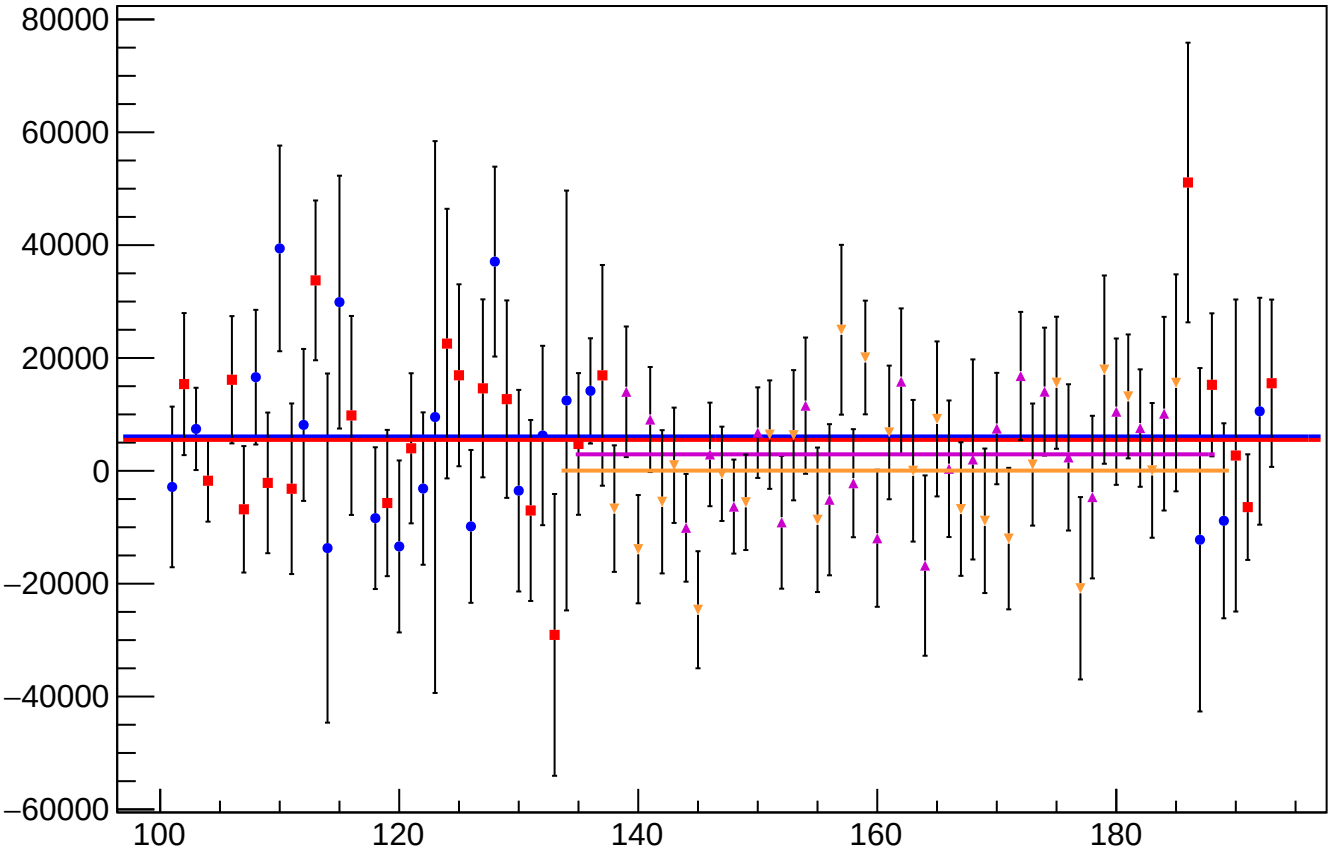
Right: 14.672+/-0.021 χ^2/NDF: 6609487.4/7

In: 9454.259+/-1.579 χ^2/NDF:1282632.2/25

Out: 16.178+/-0.021 χ^2/NDF:40651506.7/29

All: 17.783+/-0.021 χ^2/NDF: 77644515.1/55

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6093.022+/-3260.505 χ^2/NDF: 16.5/19

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 5485.438+/-2837.226 χ^2/NDF: 19.7/22

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

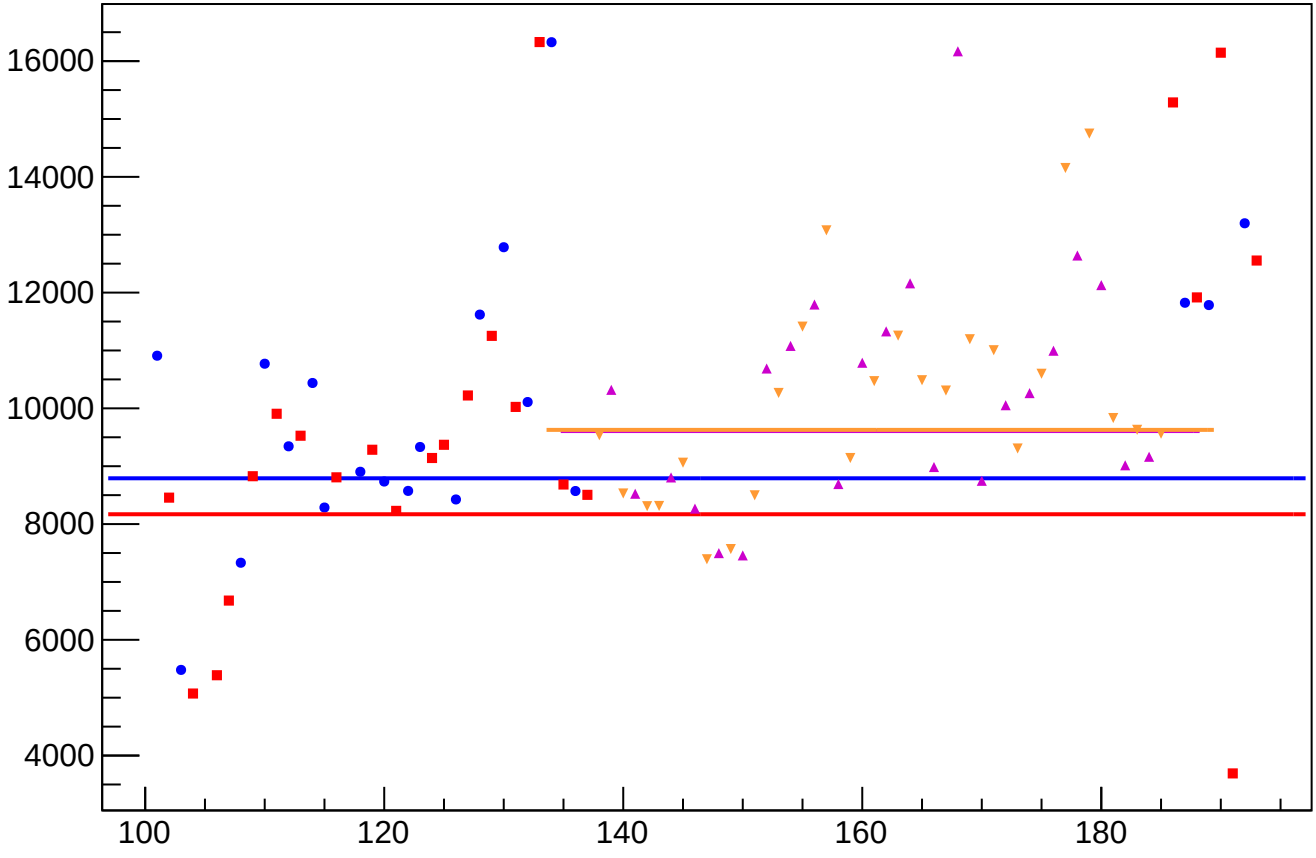
Right: 5747.256+/-2140.335 χ^2/NDF: 36.2/42

In: 3996.637+/-1896.021 χ^2/NDF:31.8/42

Out: 2191.036+/-1782.387 χ^2/NDF:47.8/47

All: 3038.111+/-1298.653 χ^2/NDF: 80.0/90

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8791.293+/-2.306 χ^2/NDF: 951990.7/19

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8169.915+/-2.006 χ^2/NDF: 2084625.9/22

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

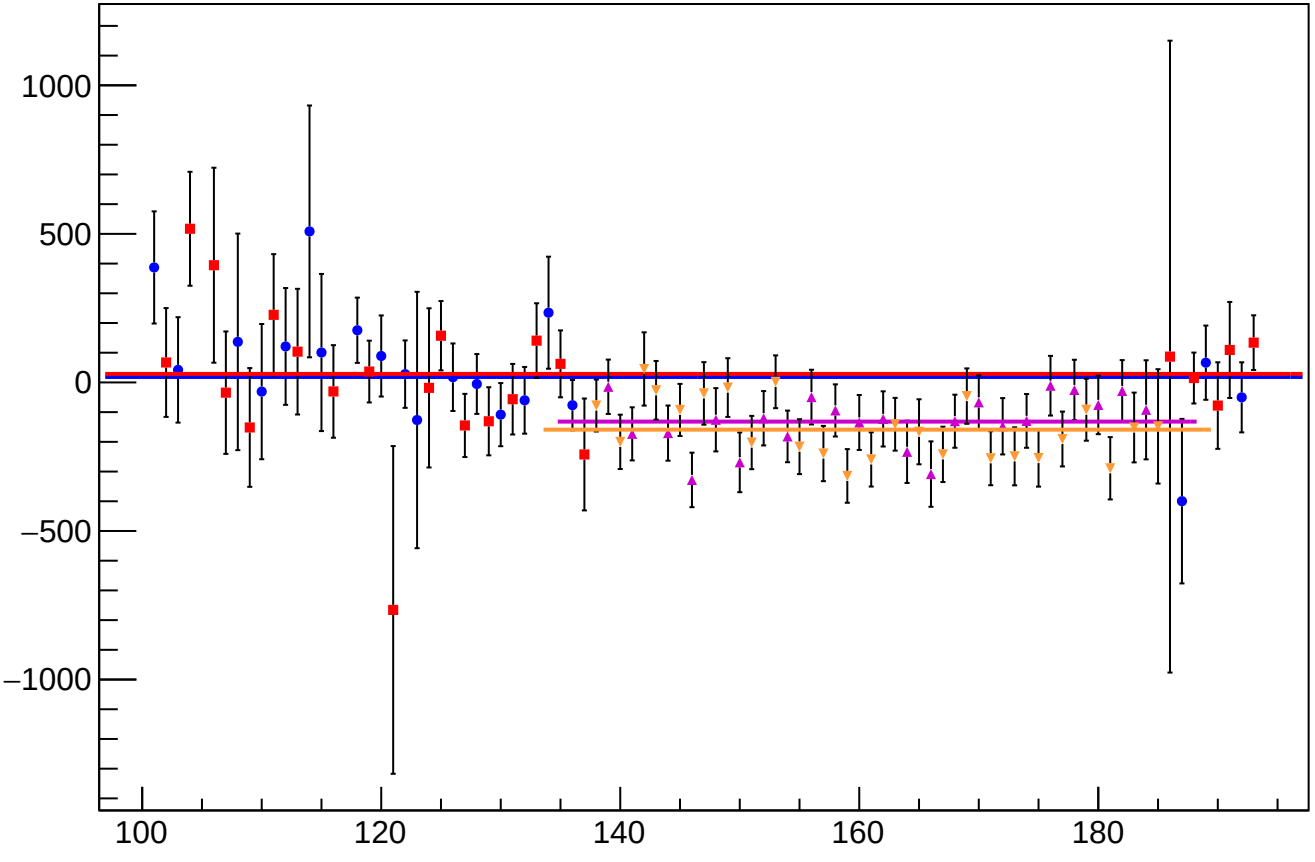
Right: 8437.666+/-1.513 χ^2/NDF: 3077955.7/42

In: 9331.530+/-1.341 χ^2/NDF:2120417.2/42

Out: 9052.429+/-1.260 χ^2/NDF:3408956.2/47

All: 9183.364+/-0.918 χ^2/NDF: 5552380.2/90

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 18.466+/-31.425 χ^2/NDF: 15.4/19

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 28.655+/-29.725 χ^2/NDF: 23.4/22

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

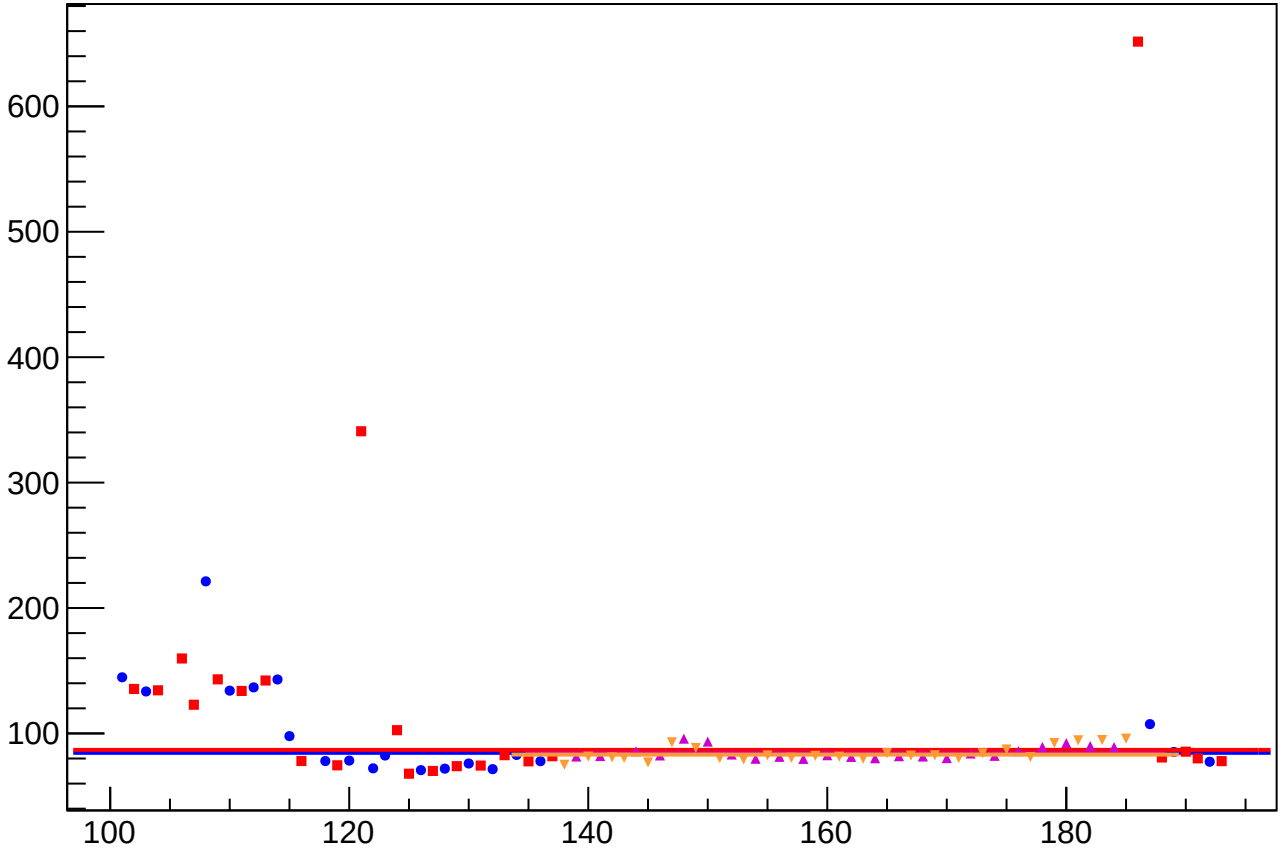
Right: 23.844+/-21.595 χ^2/NDF: 38.9/42

In: -88.303+/-16.918 χ^2/NDF:49.5/42

Out: -102.692+/-16.277 χ^2/NDF:77.1/47

All: -95.775+/-11.730 χ^2/NDF: 126.9/90

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.543+/-0.022 χ^2/NDF: 1085496.6/19

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 86.880+/-0.021 χ^2/NDF: 2054493.8/22

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

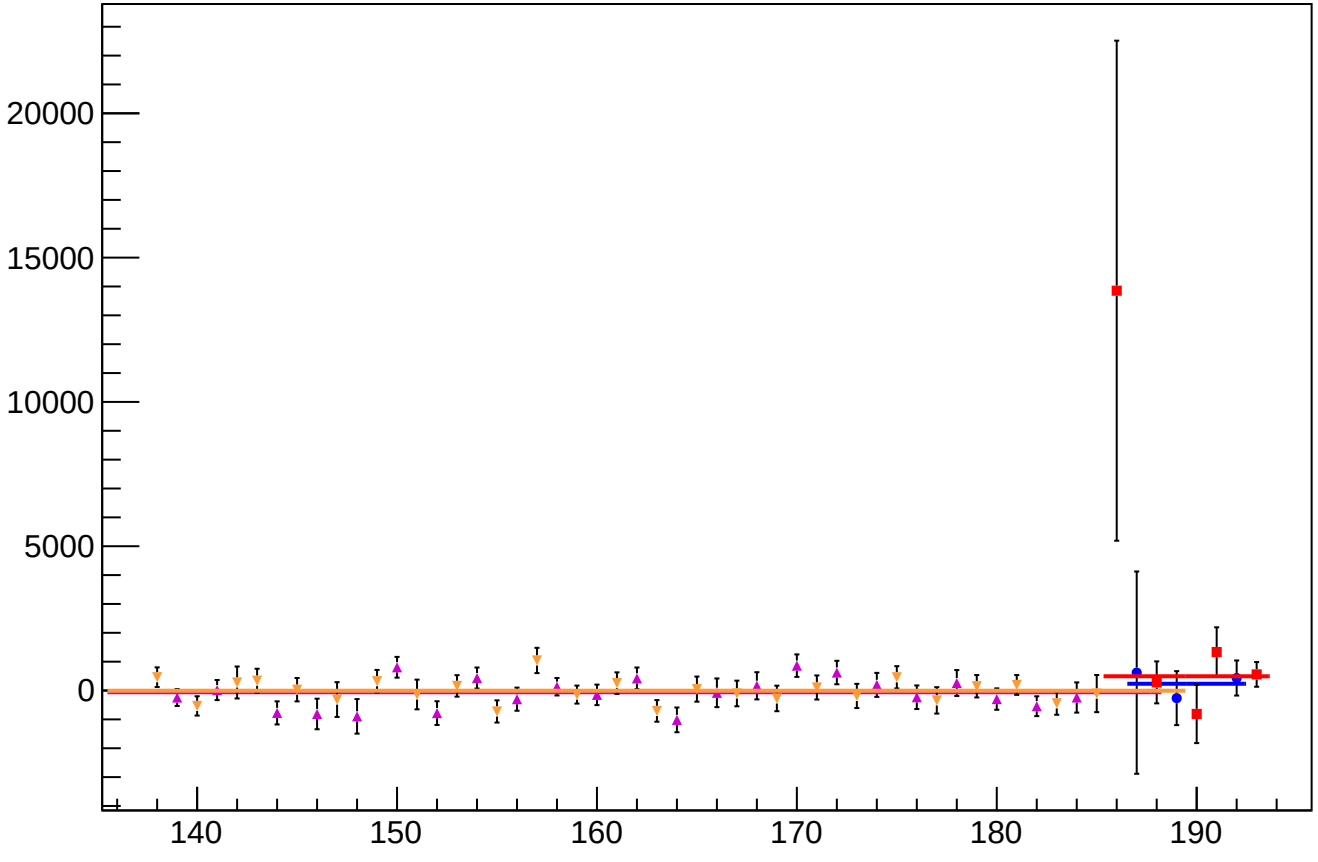
Right: 85.776+/-0.015 χ^2/NDF: 3145829.8/42

In: 84.234+/-0.012 χ^2/NDF:1182702.0/42

Out: 84.252+/-0.012 χ^2/NDF:2215564.4/47

All: 84.243+/-0.008 χ^2/NDF: 3398267.6/90

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 234.725+/-504.342 χ^2/NDF: 0.4/2

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 494.240+/-321.089 χ^2/NDF: 5.1/4

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

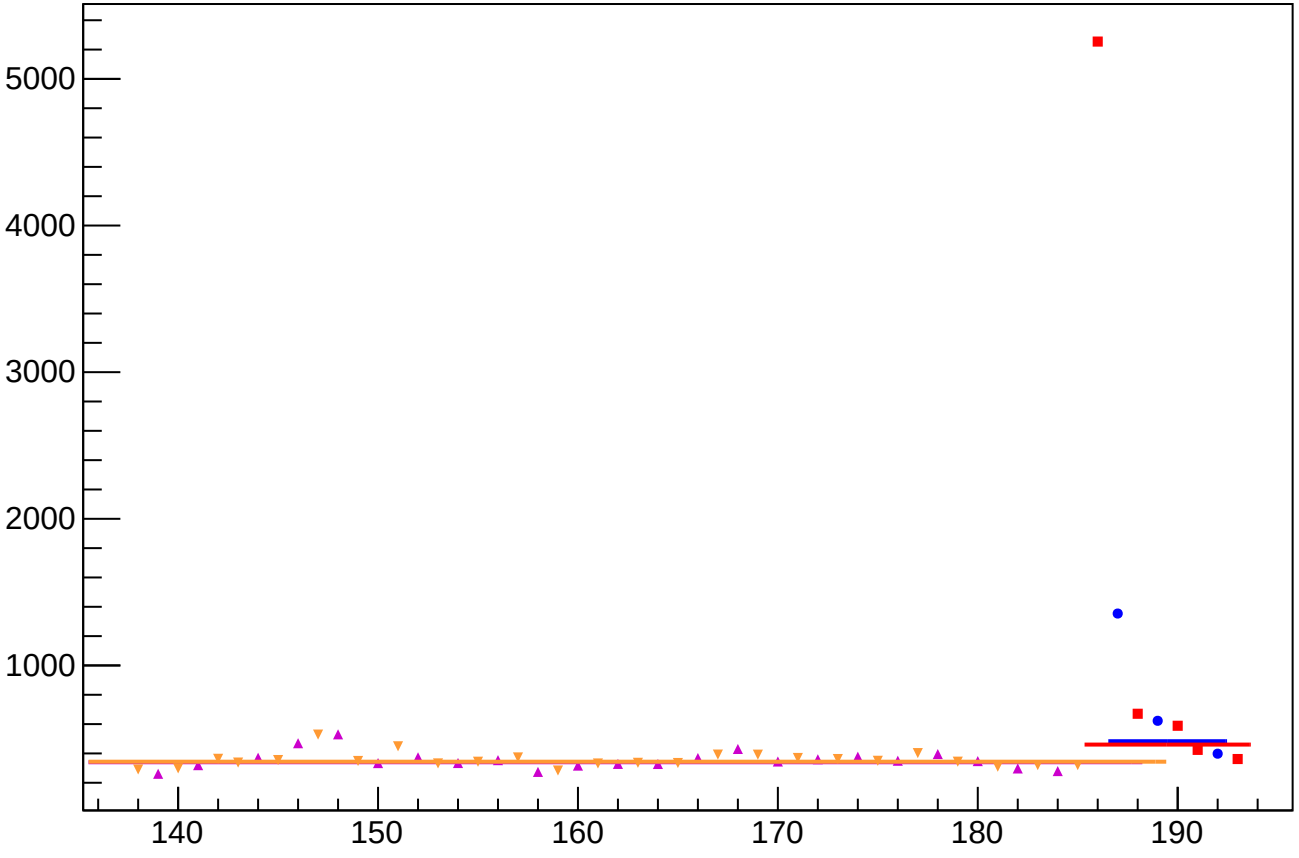
Right: 419.390+/-270.856 χ^2/NDF: 5.7/7

In: -52.373+/-80.982 χ^2/NDF:38.7/25

Out: 23.436+/-78.665 χ^2/NDF:31.8/29

All: -13.369+/-56.426 χ^2/NDF: 70.9/55

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 483.291+/-0.357 χ^2/NDF: 206927.8/2

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 460.355+/-0.227 χ^2/NDF: 921172.4/4

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

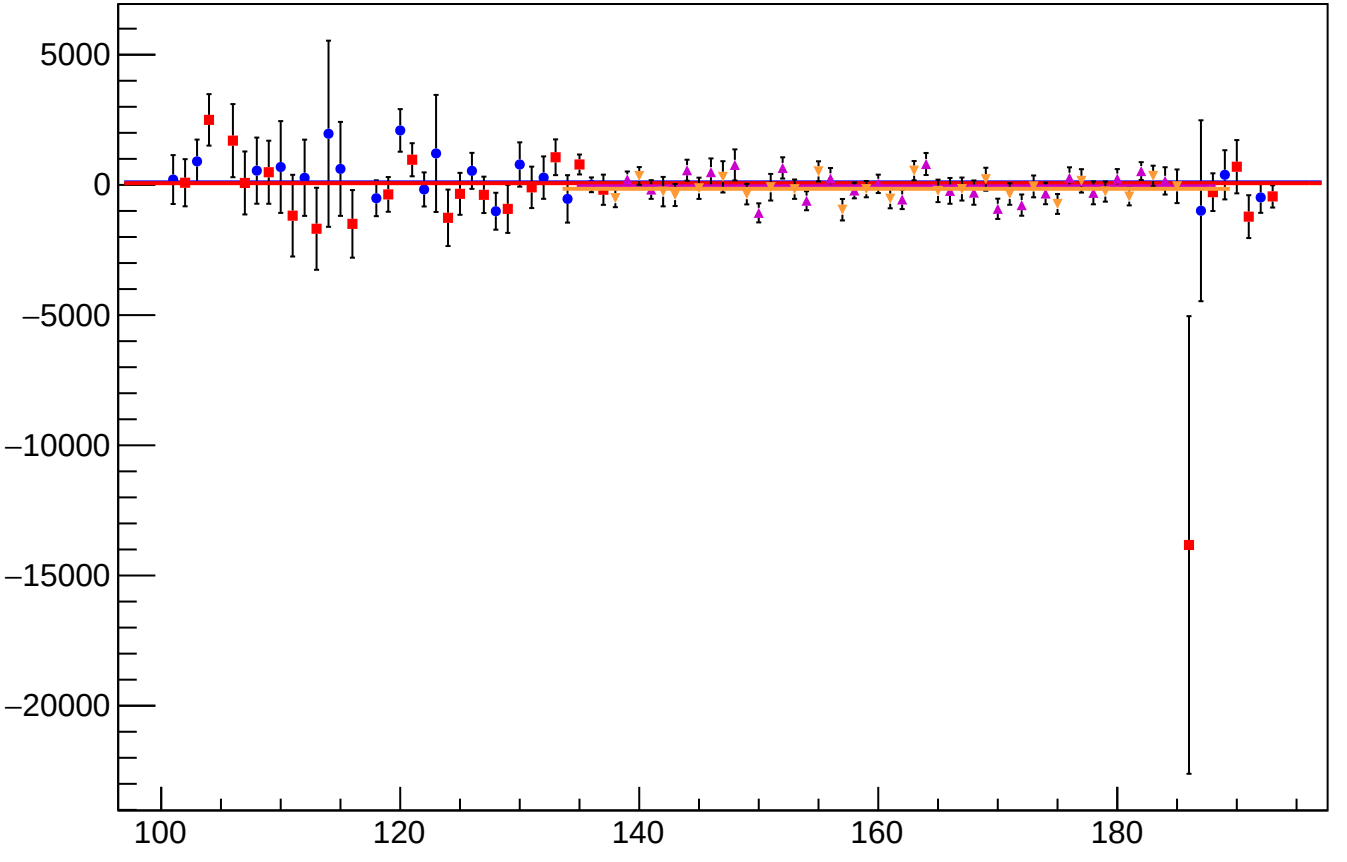
Right: 466.970+/-0.192 χ^2/NDF: 1131043.5/7

In: 343.503+/-0.057 χ^2/NDF:1164388.3/25

Out: 350.627+/-0.056 χ^2/NDF:1740745.9/29

All: 347.168+/-0.040 χ^2/NDF: 2913096.6/55

asym_sam1_mean vs Slug, Sign Corrected



Right In: 97.911+/-168.581 χ^2/NDF: 14.0/19

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 66.851+/-159.764 χ^2/NDF: 29.4/22

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

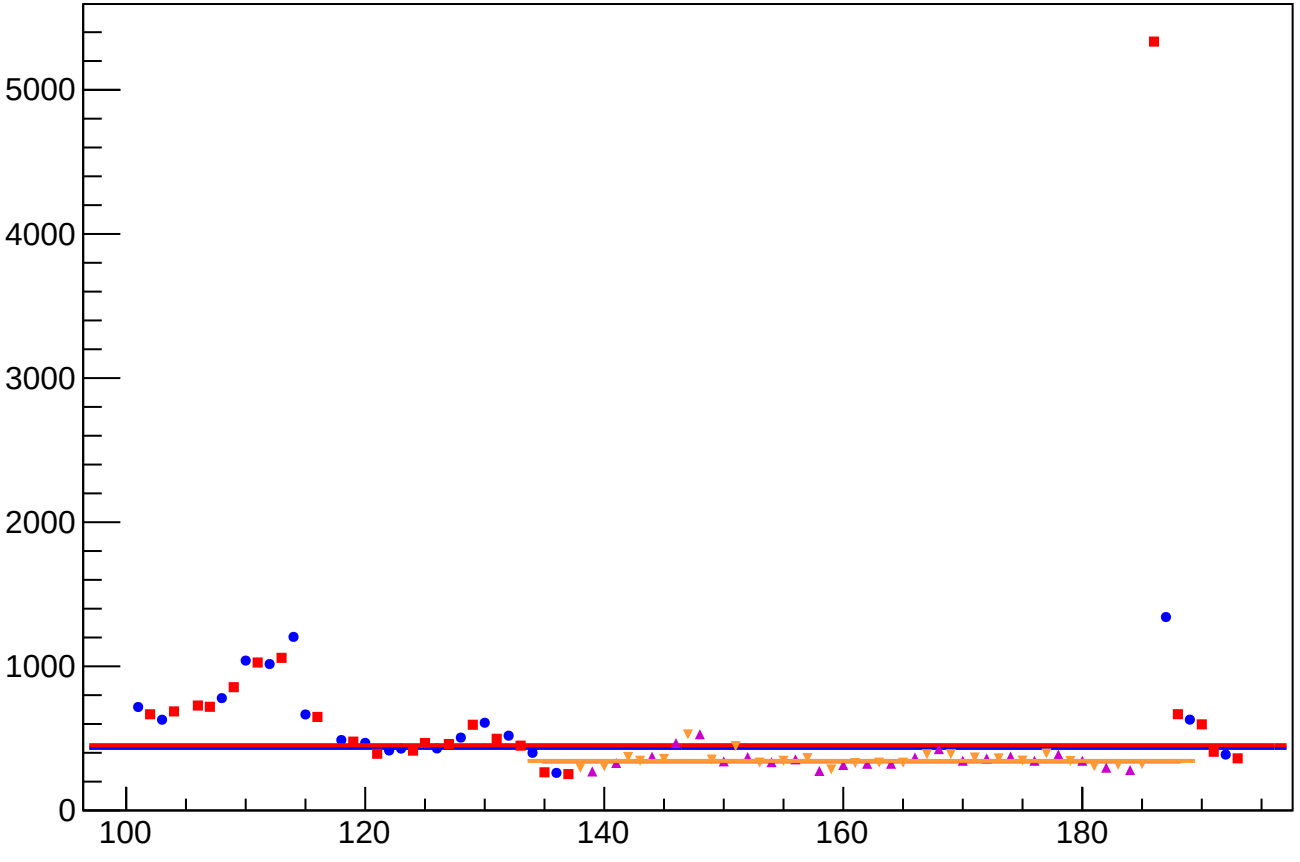
Right: 81.548+/-115.962 χ^2/NDF: 43.4/42

In: -26.787+/-73.852 χ^2/NDF:54.4/42

Out: -104.695+/-72.257 χ^2/NDF:52.9/47

All: -66.591+/-51.648 χ^2/NDF: 107.8/90

asym_sam1_rms vs Slug, Sign Corrected



Right In: 434.079+/-0.119 χ^2/NDF: 2249157.1/19

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 452.969+/-0.113 χ^2/NDF: 2958659.6/22

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

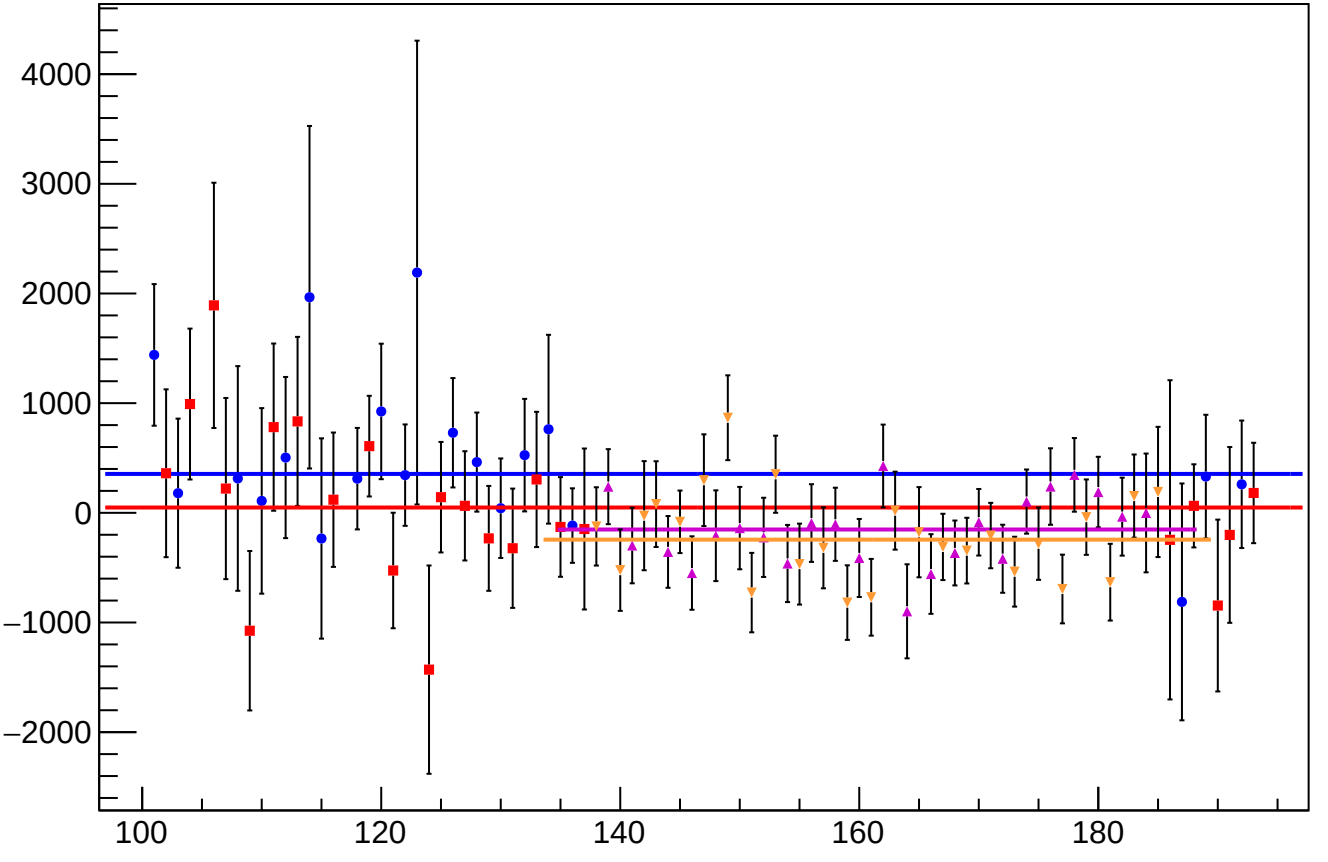
Right: 444.031+/-0.082 χ^2/NDF: 5221046.6/42

In: 358.475+/-0.052 χ^2/NDF:3484003.9/42

Out: 366.101+/-0.051 χ^2/NDF:4241248.0/47

All: 362.371+/-0.037 χ^2/NDF: 7736146.5/90

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 354.820+/-132.304 χ^2/NDF: 10.7/19

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 48.484+/-125.043 χ^2/NDF: 17.0/22

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

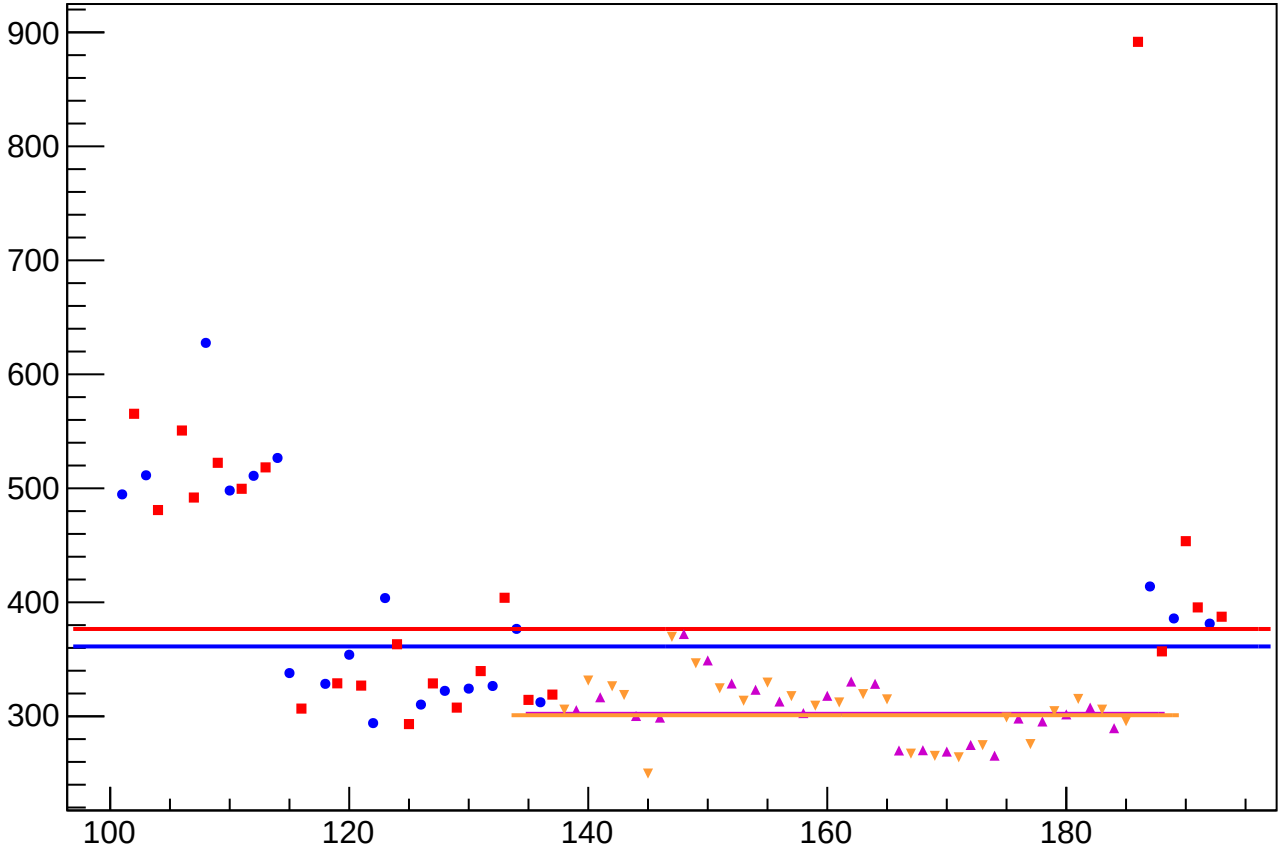
Right: 193.015+/-90.877 χ^2/NDF: 30.5/42

In: -35.448+/-63.453 χ^2/NDF:40.1/42

Out: -173.592+/-61.502 χ^2/NDF:50.1/47

All: -106.677+/-44.162 χ^2/NDF: 92.7/90

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 361.288+/-0.094 χ^2/NDF: 641915.3/19

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 376.607+/-0.088 χ^2/NDF: 976276.1/22

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

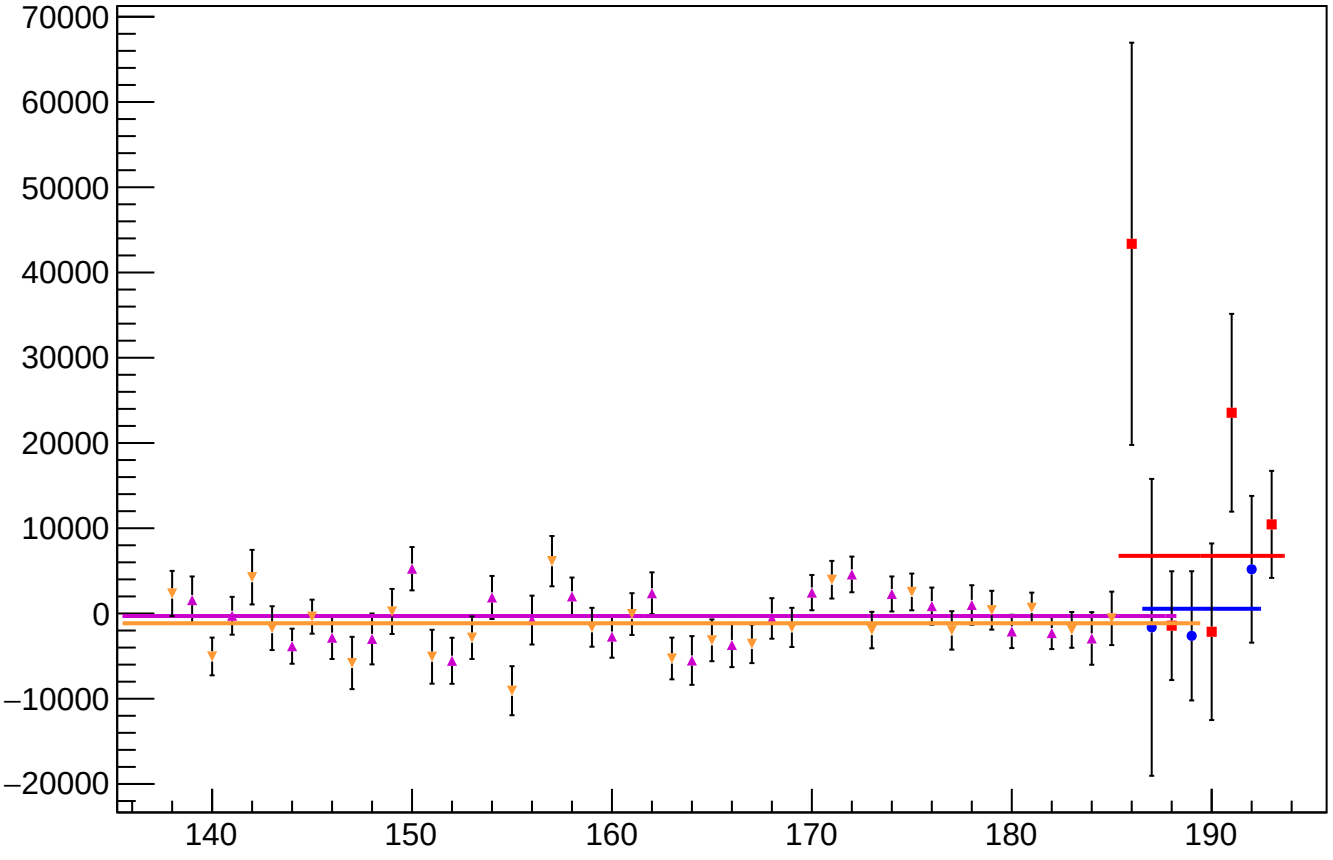
Right: 369.380+/-0.064 χ^2/NDF: 1632353.1/42

In: 315.775+/-0.045 χ^2/NDF:1196757.8/42

Out: 319.260+/-0.043 χ^2/NDF:1853369.9/47

All: 317.572+/-0.031 χ^2/NDF: 3053238.2/90

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 552.099+/-5406.871 χ^2/NDF: 0.5/2

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 6759.972+/-3821.676 χ^2/NDF: 7.2/4

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

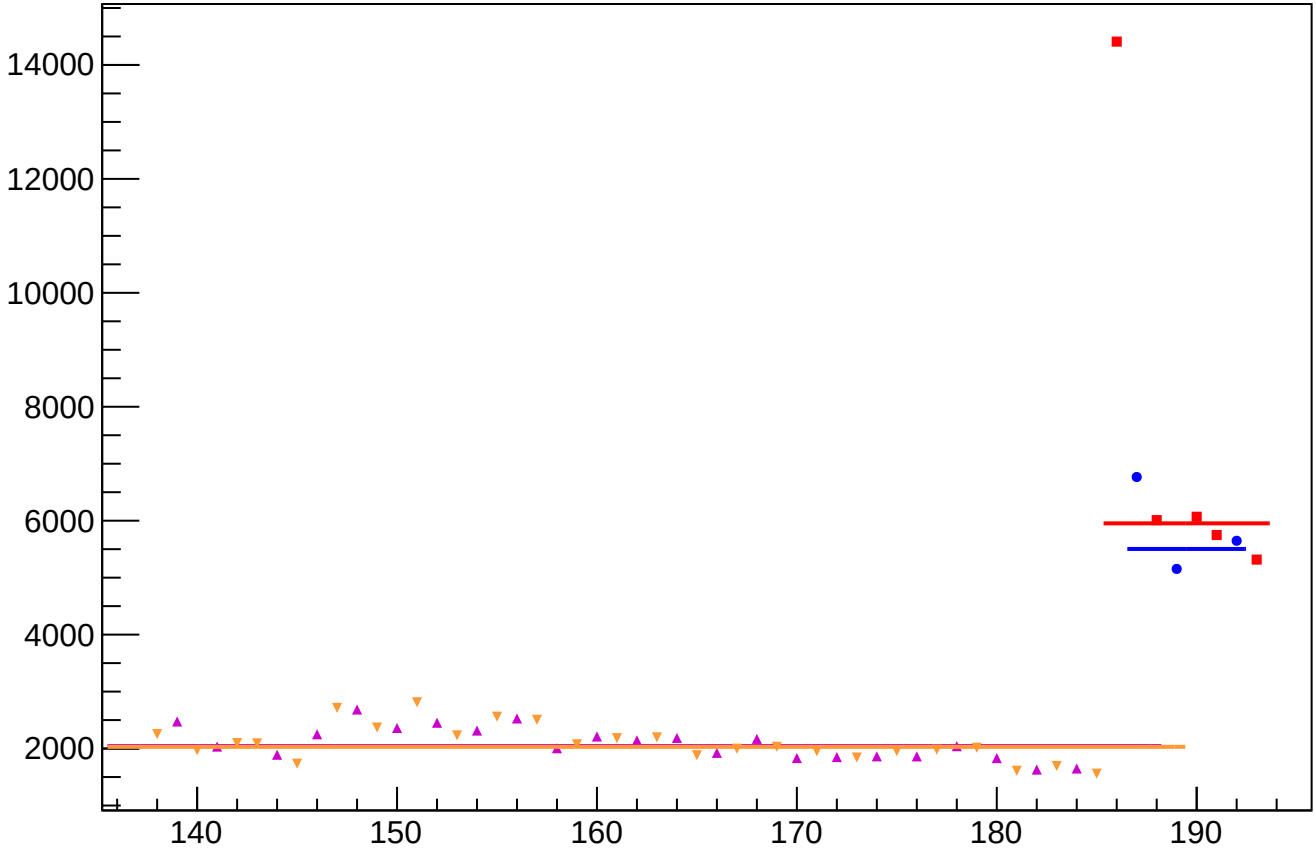
Right: 4691.807+/-3120.809 χ^2/NDF: 8.6/7

In: -291.941+/-489.458 χ^2/NDF:35.5/25

Out: -1023.703+/-476.210 χ^2/NDF:52.7/29

All: -667.859+/-341.319 χ^2/NDF: 89.3/55

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5503.834+/-3.823 χ^2/NDF: 15351.5/2

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 5953.387+/-2.702 χ^2/NDF: 278443.8/4

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

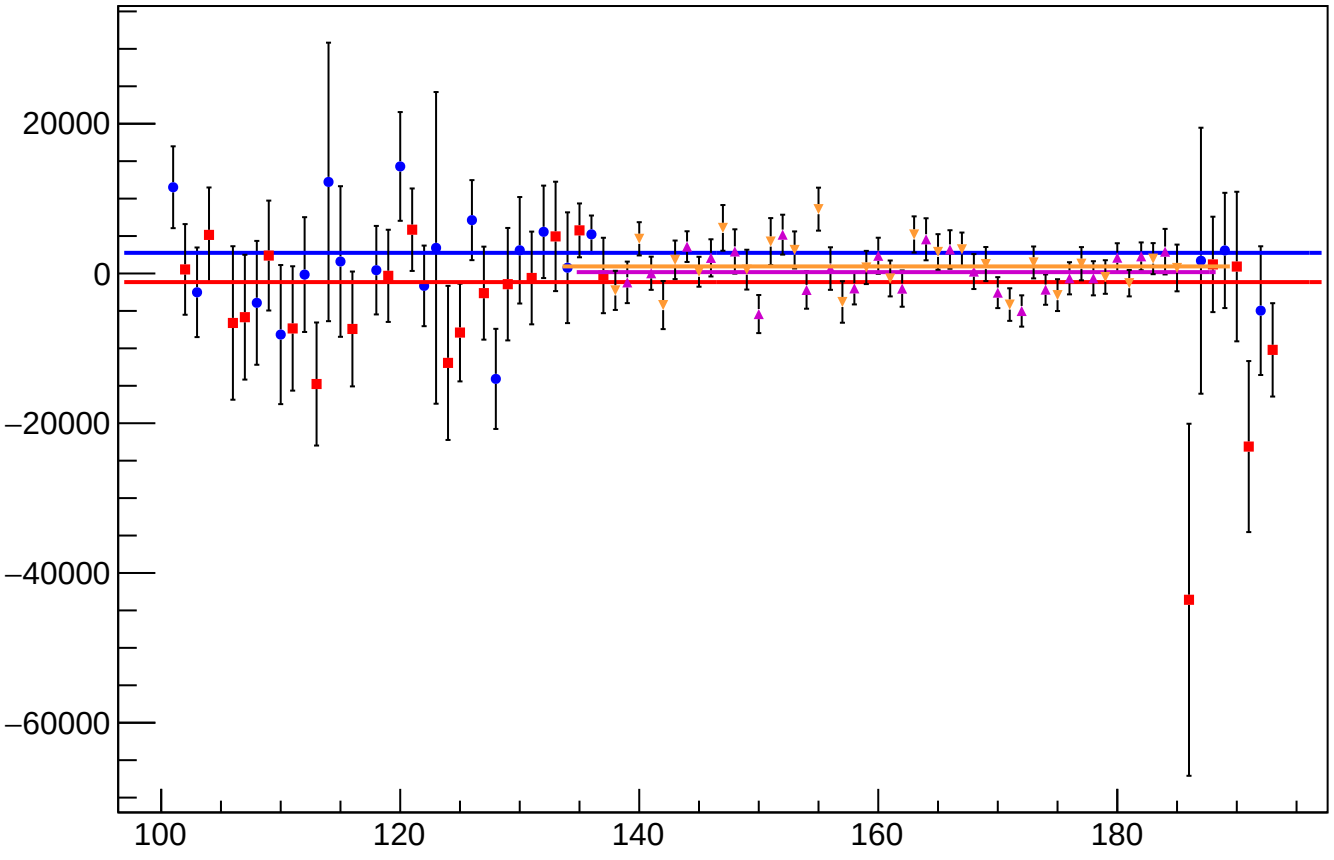
Right: 5803.618+/-2.207 χ^2/NDF: 303015.2/7

In: 2072.408+/-0.346 χ^2/NDF:1398082.7/25

Out: 2091.095+/-0.337 χ^2/NDF:3055923.1/29

All: 2082.008+/-0.241 χ^2/NDF: 4455503.5/55

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2756.592+/-1392.778 χ^2/NDF: 18.2/19

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -1150.847+/-1402.433 χ^2/NDF: 23.4/22

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

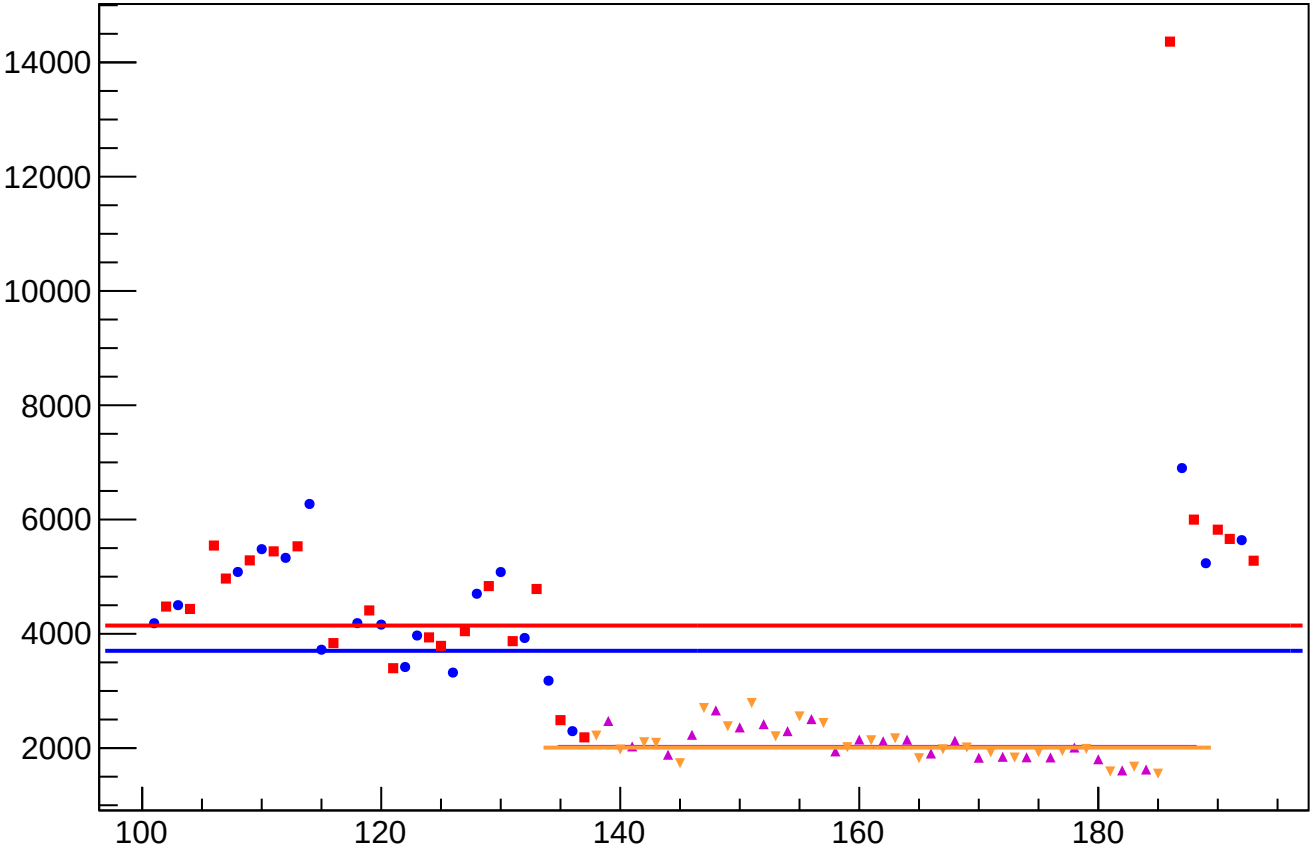
Right: 816.368+/-988.239 χ^2/NDF: 45.5/42

In: 459.868+/-458.960 χ^2/NDF:54.2/42

Out: 727.776+/-449.419 χ^2/NDF:63.7/47

All: 596.636+/-321.107 χ^2/NDF: 118.0/90

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3702.565+/-0.985 χ^2/NDF: 1350419.8/19

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4144.726+/-0.992 χ^2/NDF: 1739174.2/22

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

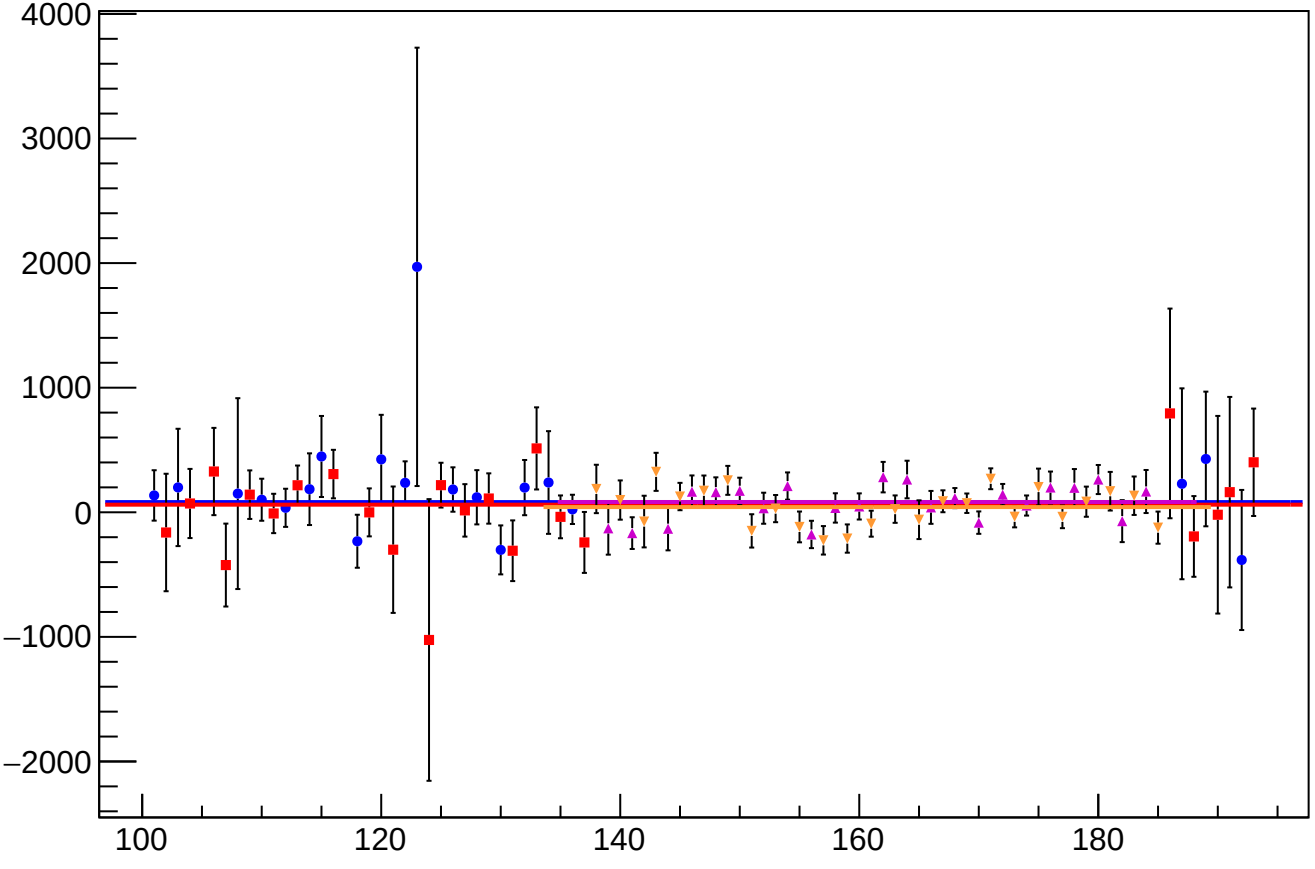
Right: 3922.118+/-0.699 χ^2/NDF: 3189683.5/42

In: 2203.499+/-0.325 χ^2/NDF:4525920.5/42

Out: 2228.230+/-0.318 χ^2/NDF:6610795.1/47

All: 2216.124+/-0.227 χ^2/NDF: 11139680.3/9

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.759+/-51.337 χ^2/NDF: 12.7/19

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 61.157+/-51.752 χ^2/NDF: 16.3/22

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

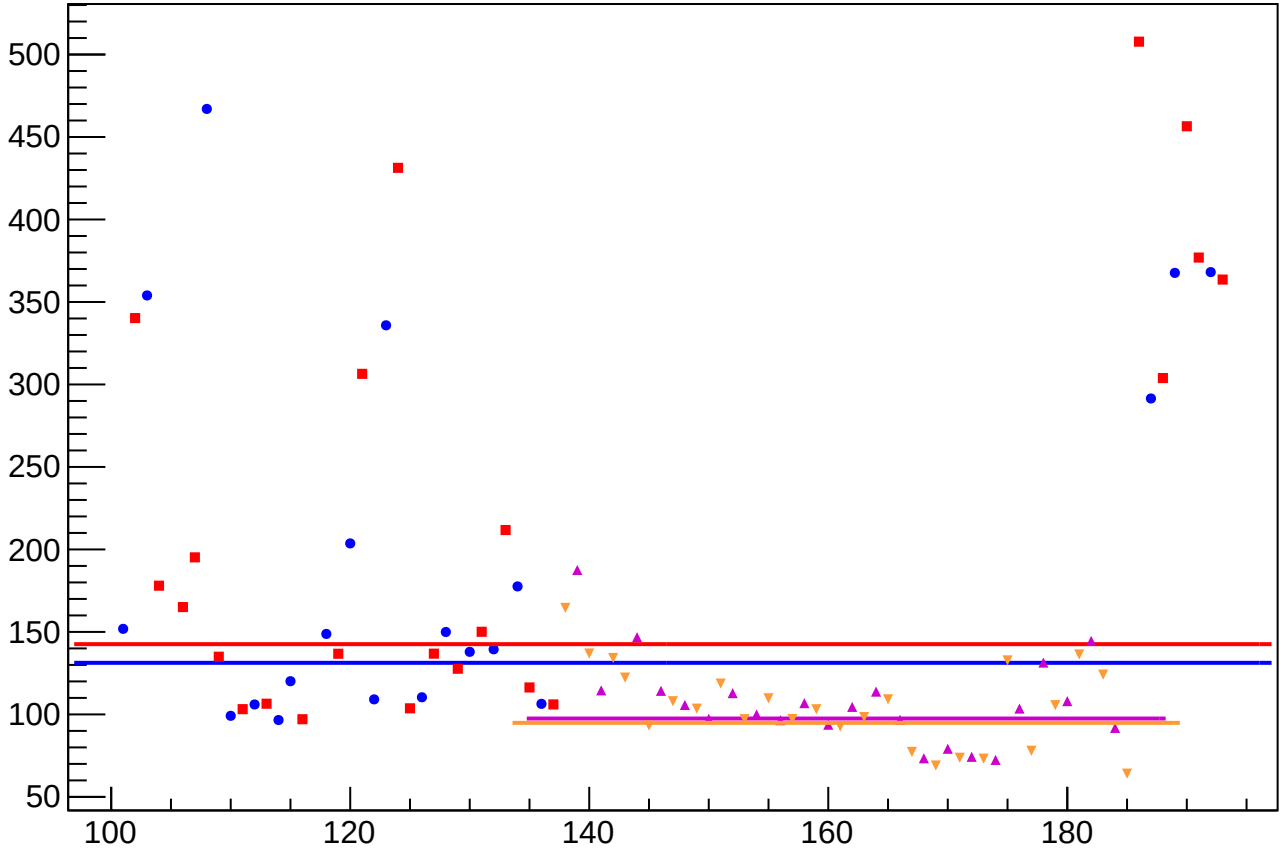
Right: 71.540+/-36.446 χ^2/NDF: 29.1/42

In: 82.472+/-21.855 χ^2/NDF:41.3/42

Out: 45.040+/-21.045 χ^2/NDF:55.6/47

All: 63.049+/-15.159 χ^2/NDF: 98.3/90

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 131.274+/-0.036 χ^2/NDF: 2153638.2/19

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 142.588+/-0.037 χ^2/NDF: 3311492.2/22

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

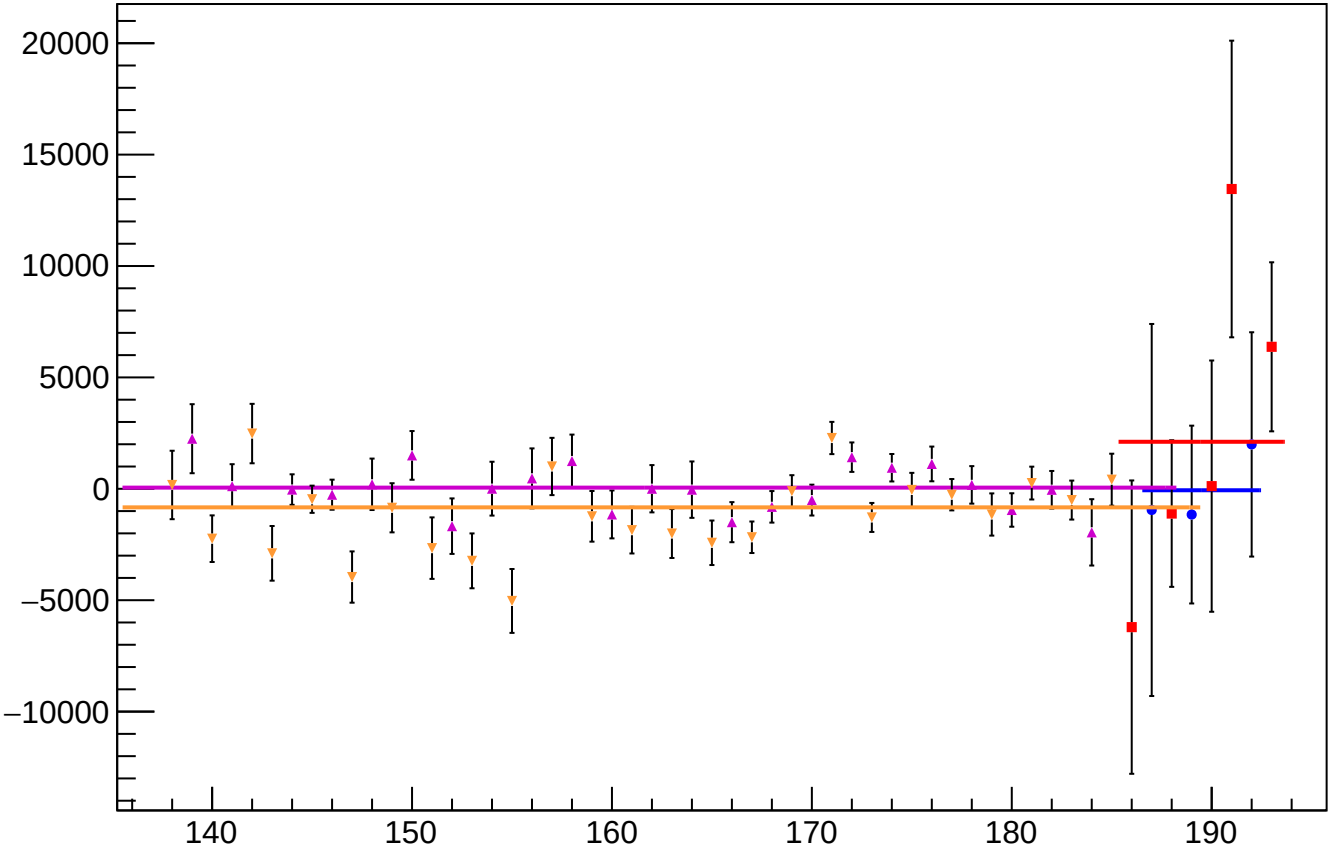
Right: 136.886+/-0.026 χ^2/NDF: 5513308.6/42

In: 103.620+/-0.015 χ^2/NDF:4423785.1/42

Out: 102.774+/-0.015 χ^2/NDF:6526581.3/47

All: 103.181+/-0.011 χ^2/NDF: 10951920.3/90

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -65.256+/-2928.561 χ^2/NDF: 0.3/2

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 2110.925+/-2045.731 χ^2/NDF: 6.8/4

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

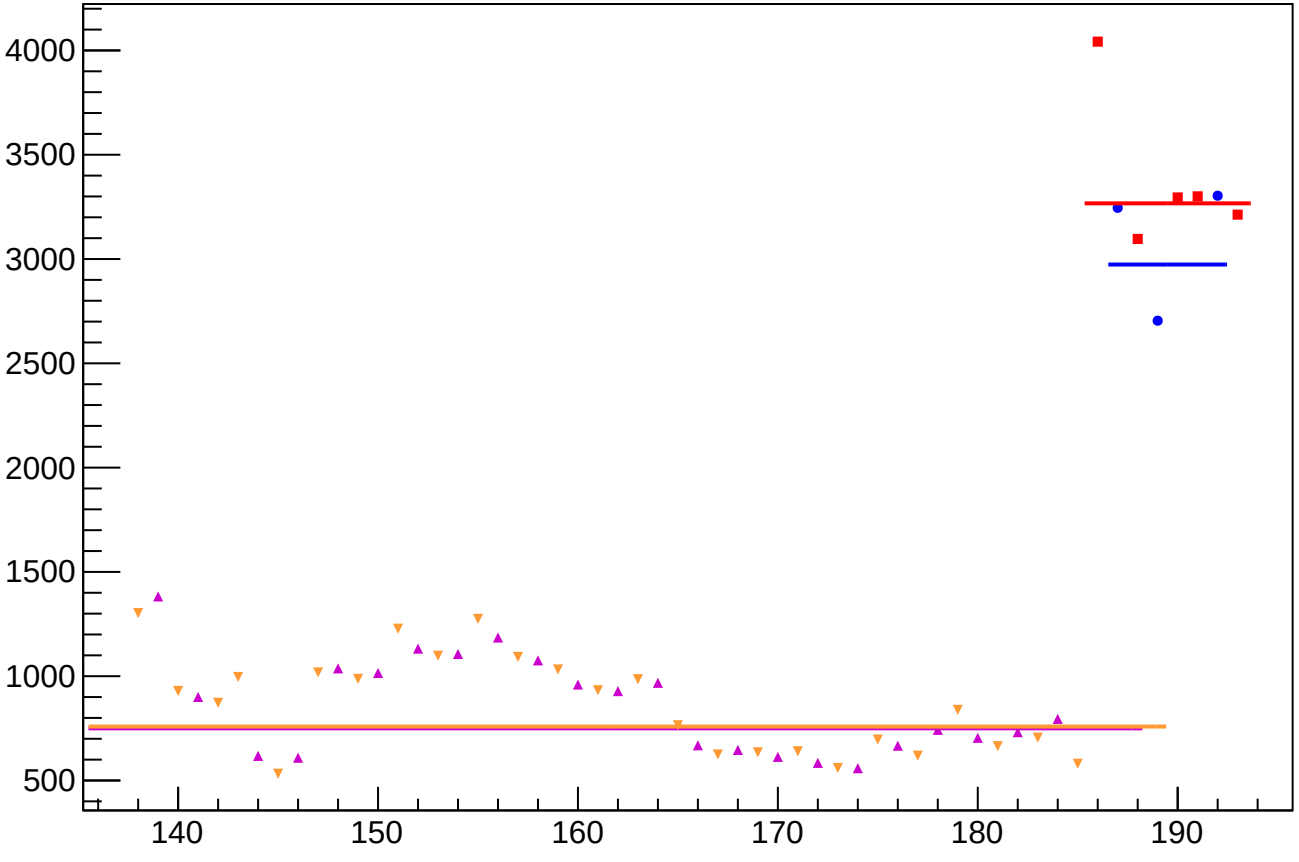
Right: 1397.266+/-1677.074 χ^2/NDF: 7.5/7

In: 52.537+/-184.503 χ^2/NDF:25.6/25

Out: -808.969+/-183.221 χ^2/NDF:77.7/29

All: -381.220+/-130.008 χ^2/NDF: 114.3/55

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 2973.664+/-2.071 χ^2/NDF: 19813.0/2

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3267.002+/-1.447 χ^2/NDF: 33620.6/4

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

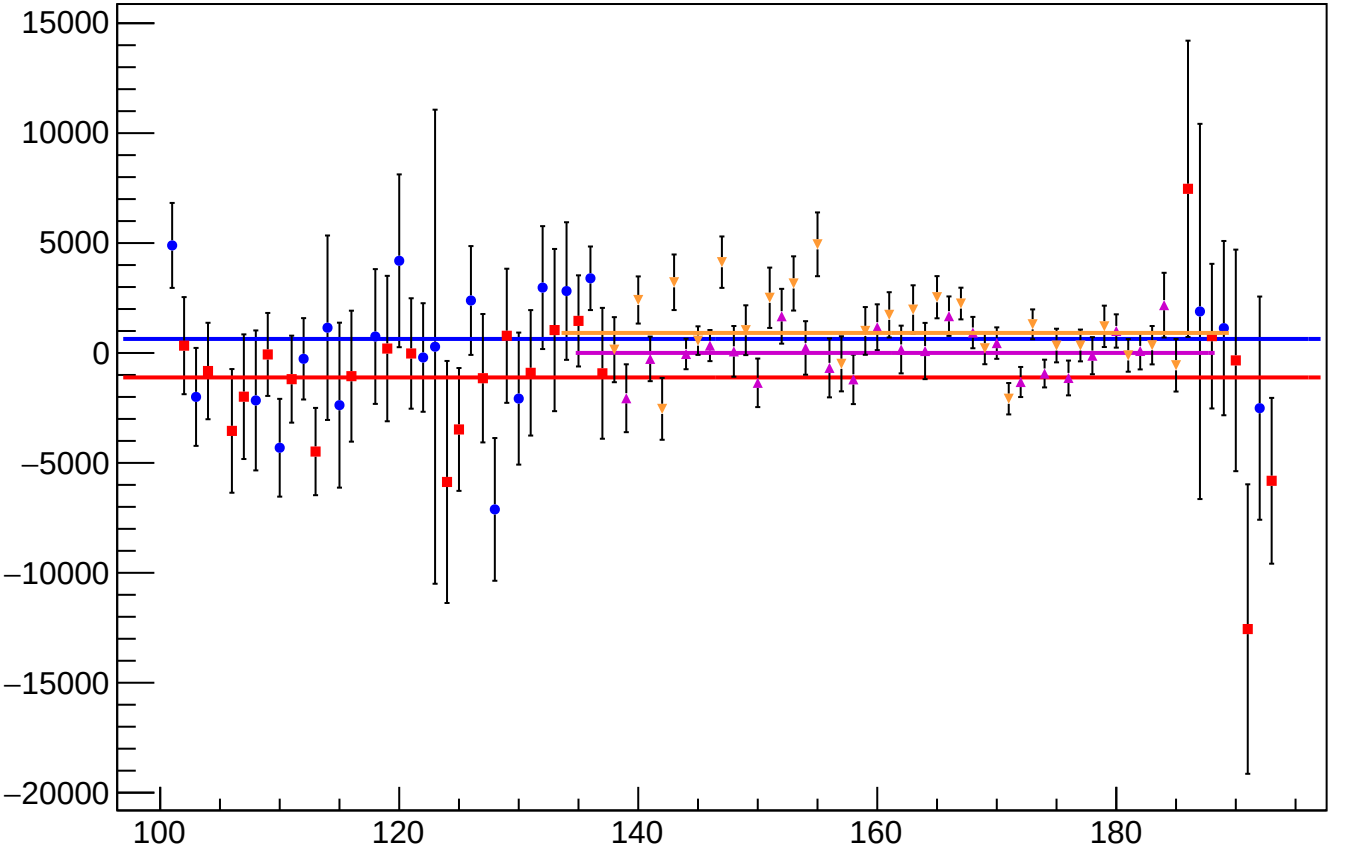
Right: 3170.804+/-1.186 χ^2/NDF: 66919.0/7

In: 758.821+/-0.130 χ^2/NDF:3354956.3/25

Out: 778.729+/-0.130 χ^2/NDF:5470149.8/29

All: 768.844+/-0.092 χ^2/NDF: 8836828.8/55

asym_sam3_mean vs Slug, Sign Corrected



Right In: 638.259+/-605.515 χ^2/NDF: 26.1/19

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1112.402+/-578.198 χ^2/NDF: 15.1/22

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

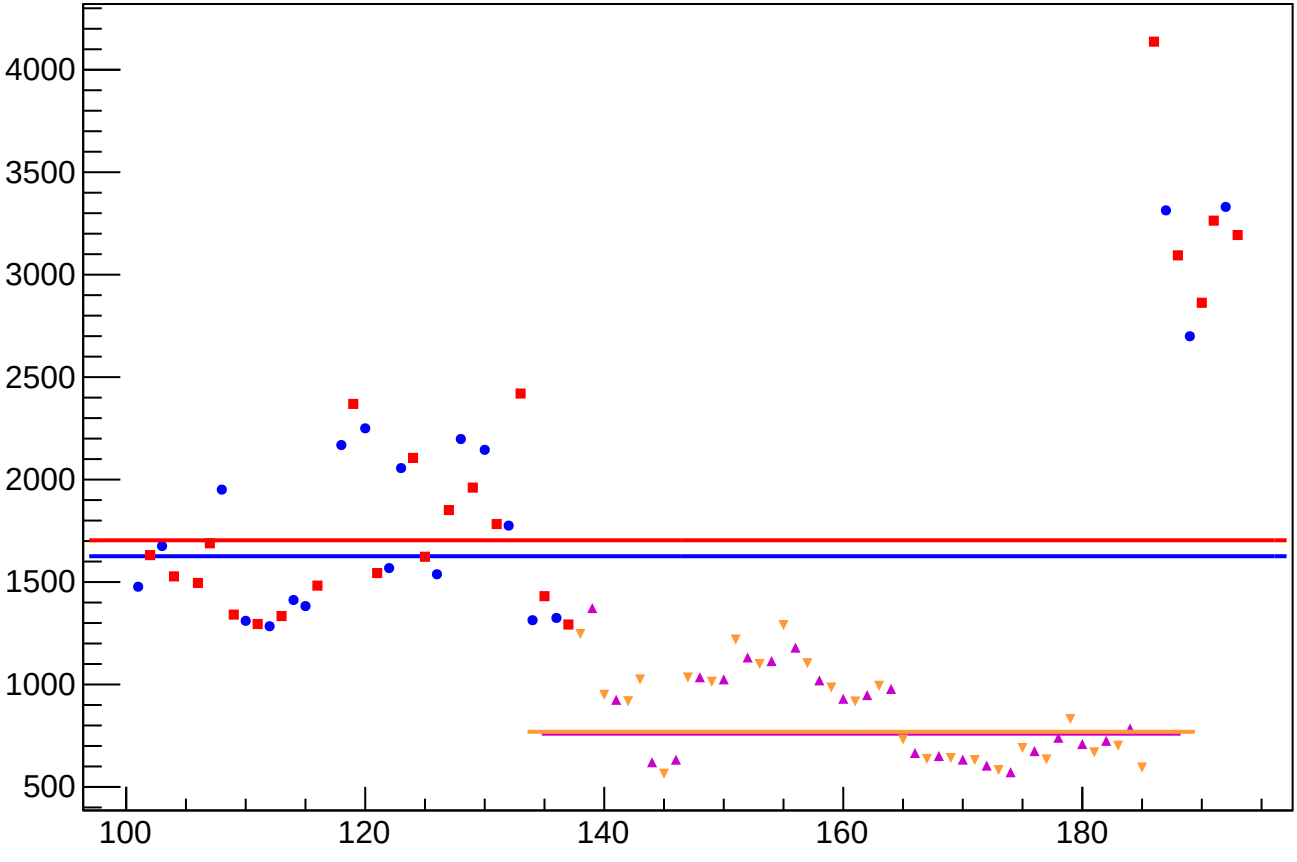
Right: -277.450+/-418.172 χ^2/NDF: 45.6/42

In: 57.975+/-178.910 χ^2/NDF:52.7/42

Out: 721.887+/-177.154 χ^2/NDF:91.1/47

All: 393.205+/-125.883 χ^2/NDF: 150.8/90

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1625.999+/-0.428 χ^2/NDF: 960299.7/19

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1703.691+/-0.409 χ^2/NDF: 1684482.5/22

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

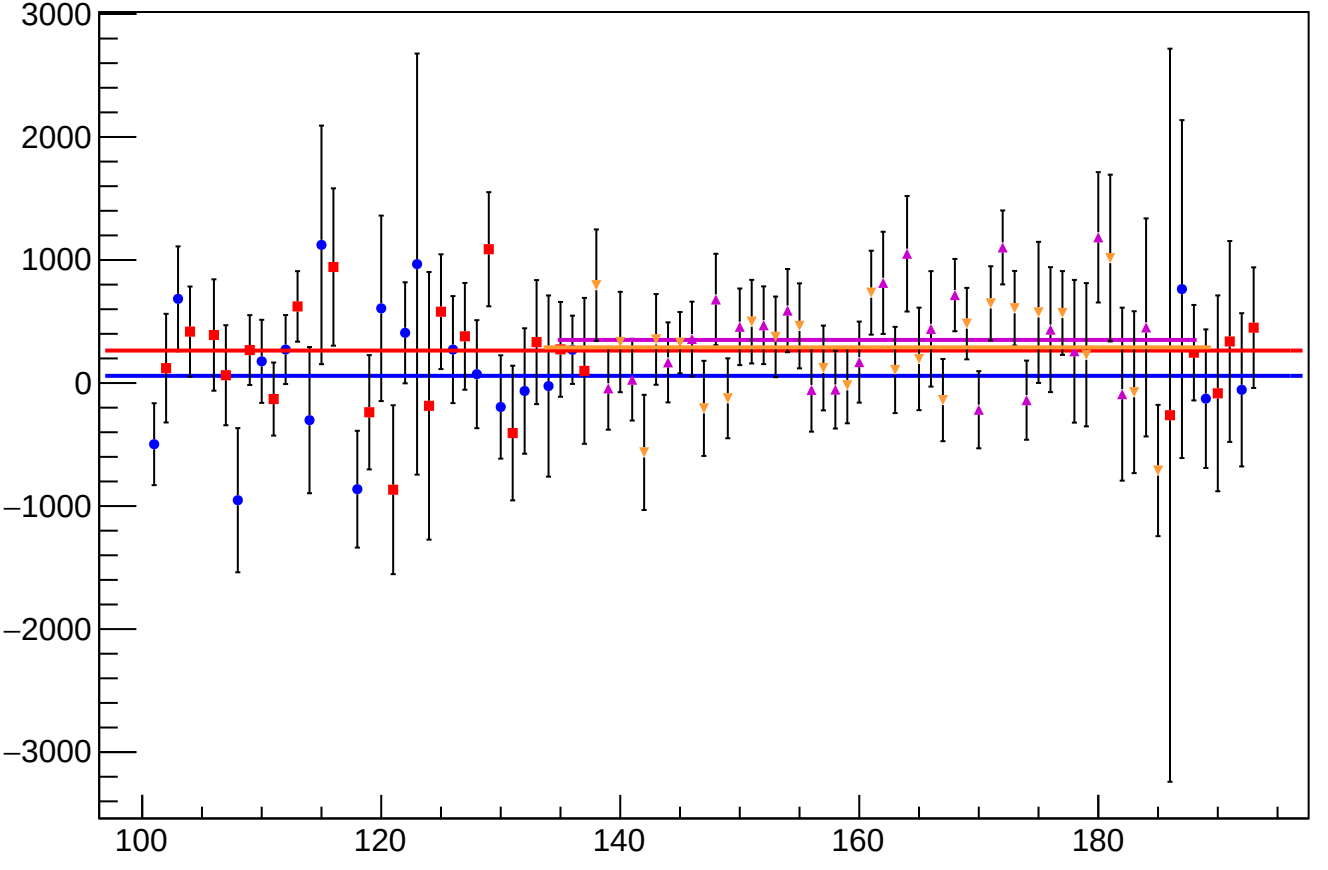
Right: 1666.637+/-0.296 χ^2/NDF: 2662004.7/42

In: 835.543+/-0.127 χ^2/NDF:6709289.3/42

Out: 856.932+/-0.125 χ^2/NDF:8693658.9/47

All: 846.343+/-0.089 χ^2/NDF: 15417380.8/90

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 58.495+/-101.858 χ^2/NDF: 17.2/19

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 264.046+/-93.297 χ^2/NDF: 14.8/22

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

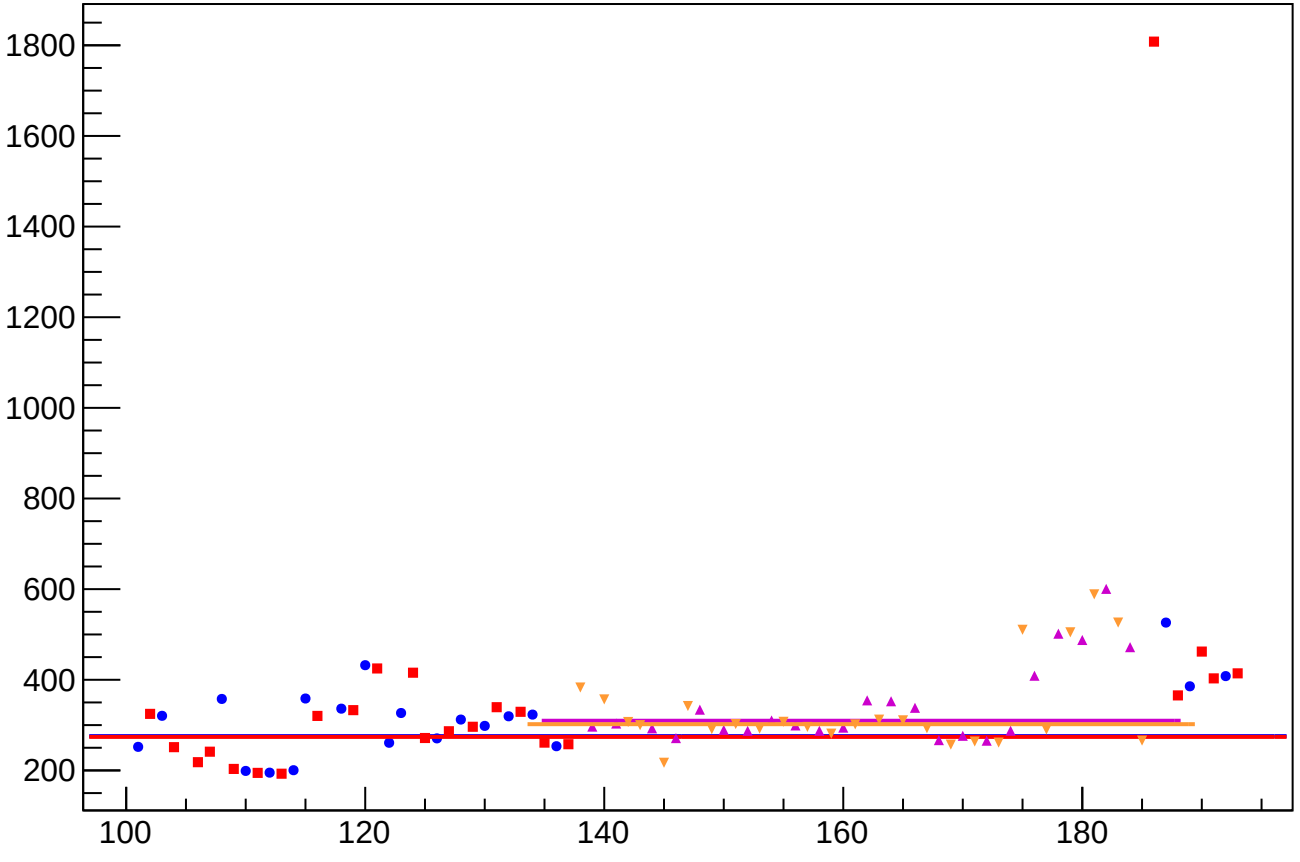
Right: 170.269+/-68.799 χ^2/NDF: 34.1/42

In: 246.243+/-60.867 χ^2/NDF:49.8/42

Out: 280.341+/-57.448 χ^2/NDF:37.2/47

All: 264.277+/-41.778 χ^2/NDF: 87.2/90

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 275.731+/-0.072 χ^2/NDF: 798796.9/19

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 274.005+/-0.066 χ^2/NDF: 1708368.1/22

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

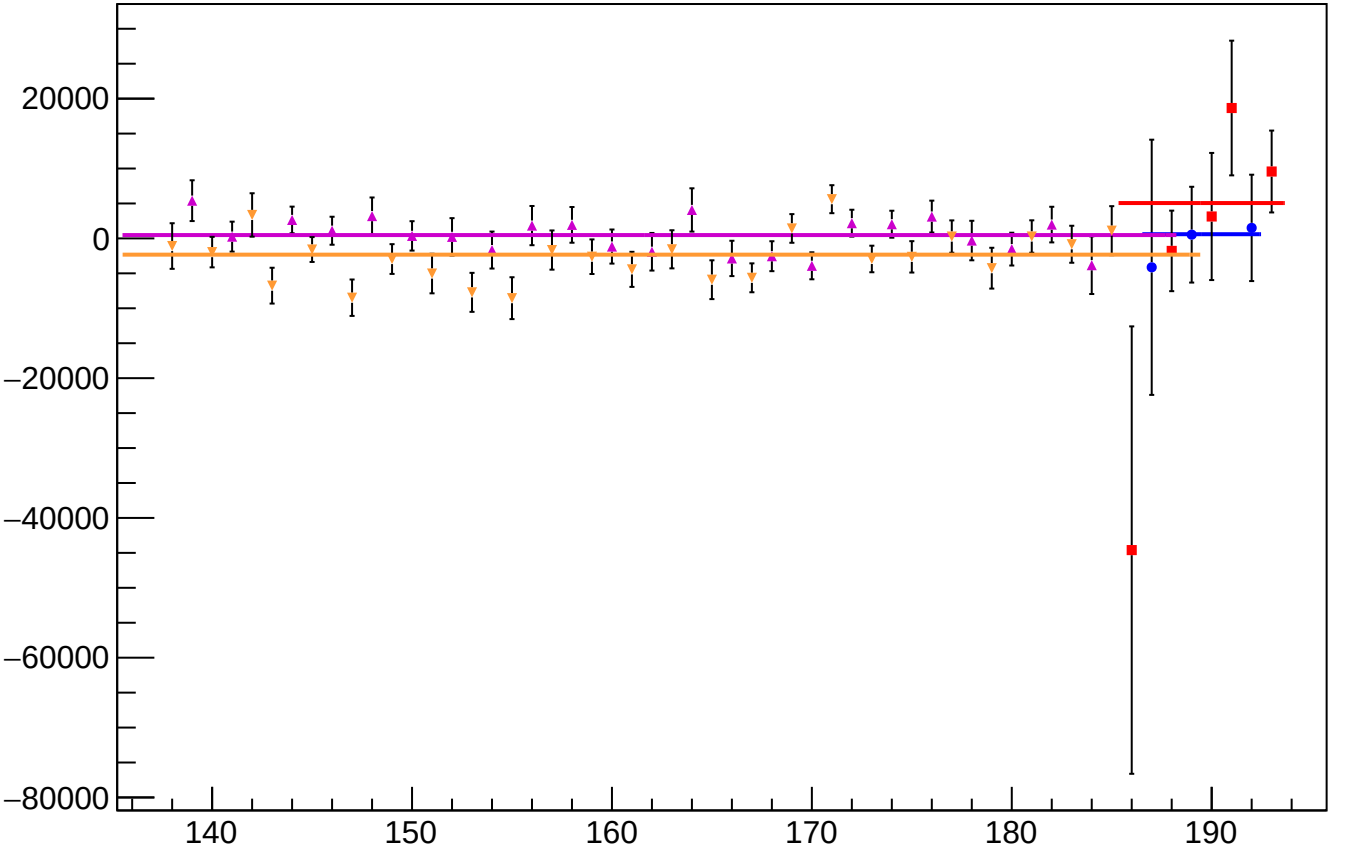
Right: 274.792+/-0.049 χ^2/NDF: 2507477.2/42

In: 297.512+/-0.043 χ^2/NDF:2121327.0/42

Out: 291.411+/-0.041 χ^2/NDF:3417723.7/47

All: 294.285+/-0.030 χ^2/NDF: 5549678.2/90

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 600.209+/-4905.858 χ^2/NDF: 0.1/2

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 5059.119+/-3468.875 χ^2/NDF: 6.4/4

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

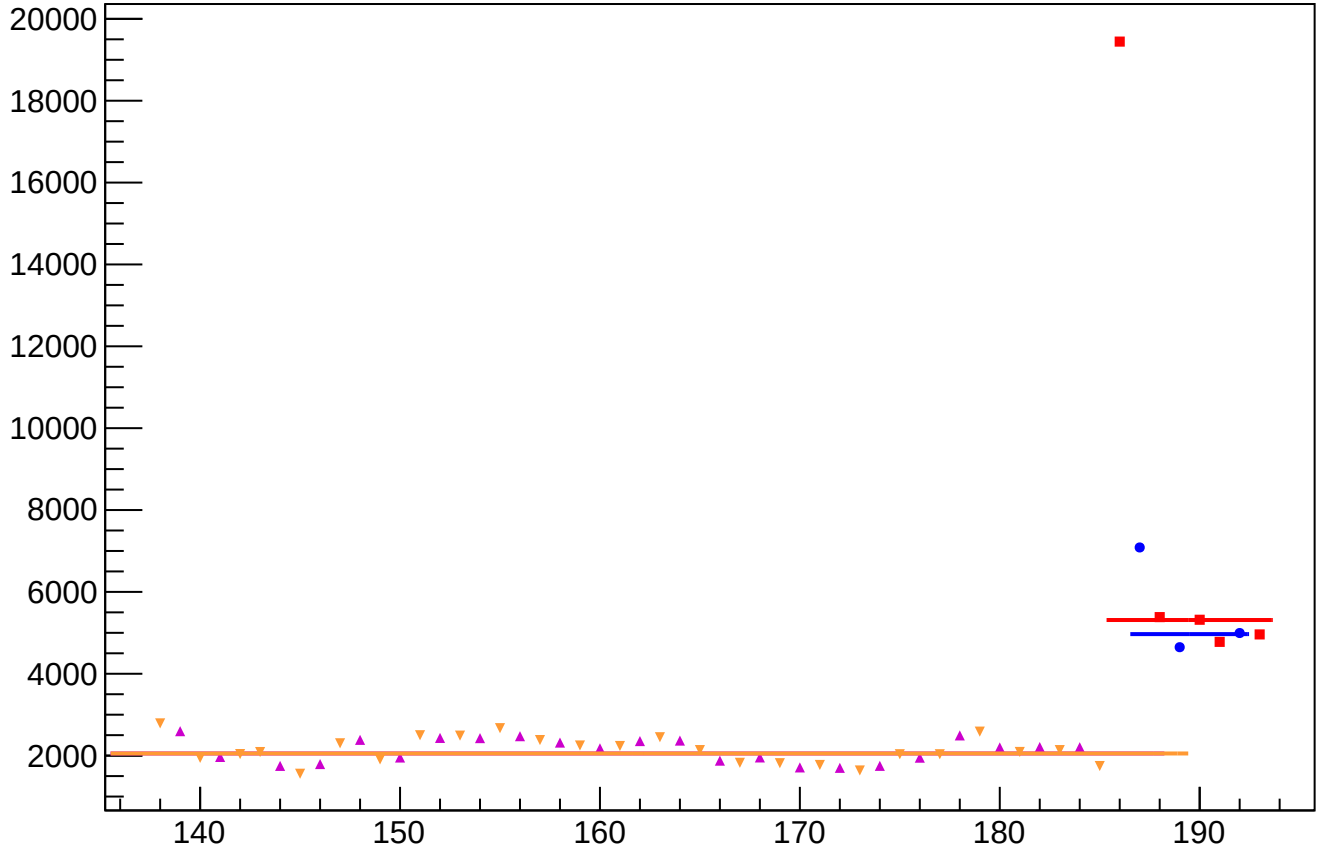
Right: 3572.867+/-2832.349 χ^2/NDF: 7.1/7

In: 479.009+/-491.739 χ^2/NDF:23.1/25

Out: -2183.302+/-481.341 χ^2/NDF:60.7/29

All: -880.592+/-343.977 χ^2/NDF: 98.8/55

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 4968.727+/-3.469 χ^2/NDF: 31255.8/2

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5313.046+/-2.453 χ^2/NDF: 403377.2/4

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

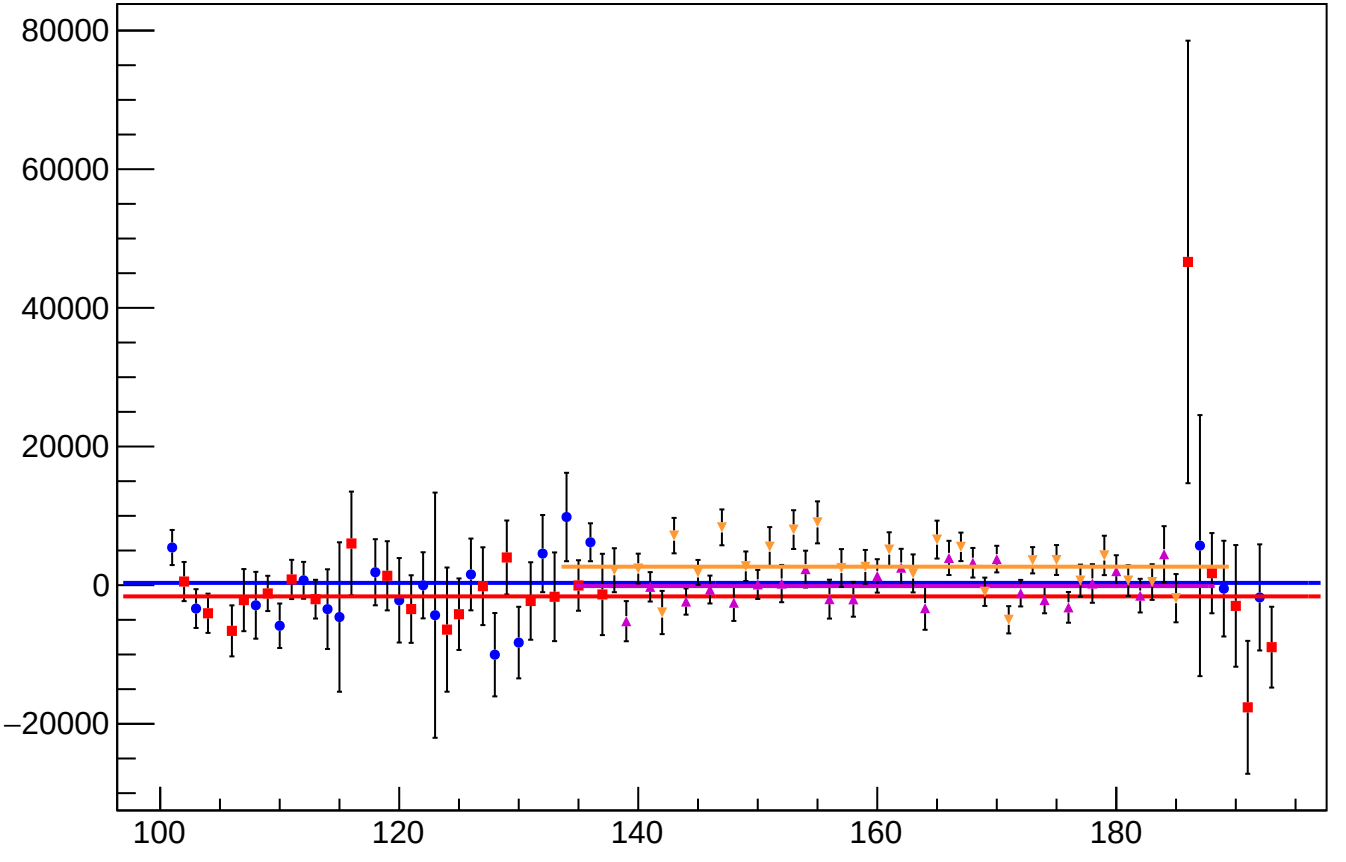
Right: 5198.277+/-2.003 χ^2/NDF: 441201.1/7

In: 2081.685+/-0.348 χ^2/NDF:1384796.1/25

Out: 2115.182+/-0.340 χ^2/NDF:2974470.6/29

All: 2098.791+/-0.243 χ^2/NDF: 4364006.3/55

asym_sam4_mean vs Slug, Sign Corrected



Right In: 329.095+/-973.078 χ^2/NDF: 24.3/19

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1617.417+/-896.597 χ^2/NDF: 14.4/22

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

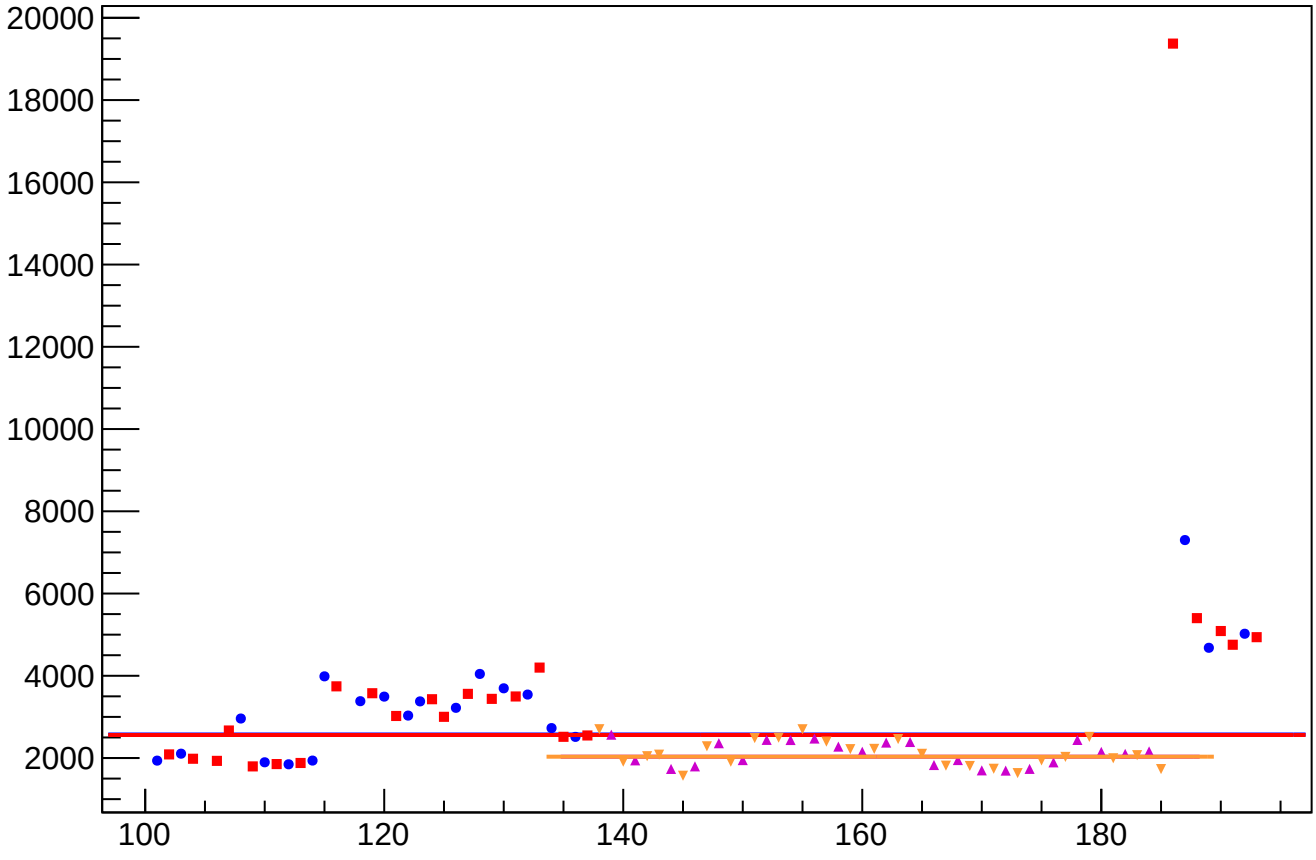
Right: -723.653+/-659.372 χ^2/NDF: 40.9/42

In: -39.051+/-437.468 χ^2/NDF:49.3/42

Out: 1709.655+/-423.833 χ^2/NDF:82.1/47

All: 862.979+/-304.401 χ^2/NDF: 139.6/90

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2572.330+/-0.688 χ^2/NDF: 1443486.4/19

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2560.077+/-0.634 χ^2/NDF: 2754330.5/22

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

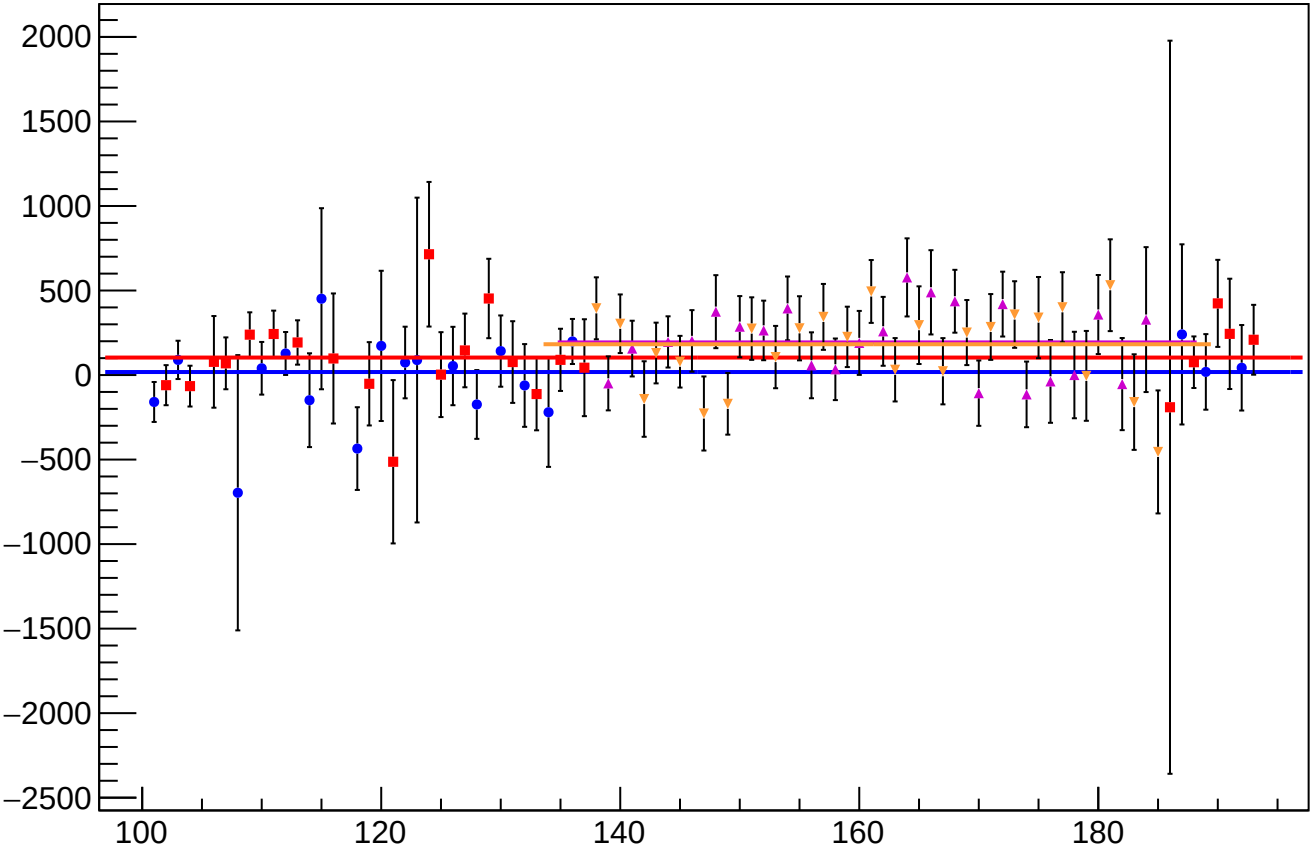
Right: 2565.703+/-0.466 χ^2/NDF: 4197988.5/42

In: 2140.963+/-0.309 χ^2/NDF:2589460.2/42

Out: 2150.393+/-0.300 χ^2/NDF:4116485.7/47

All: 2145.827+/-0.215 χ^2/NDF: 6706425.3/90

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 17.872+/-44.598 χ^2/NDF: 12.7/19

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 103.468+/-40.053 χ^2/NDF: 16.0/22

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

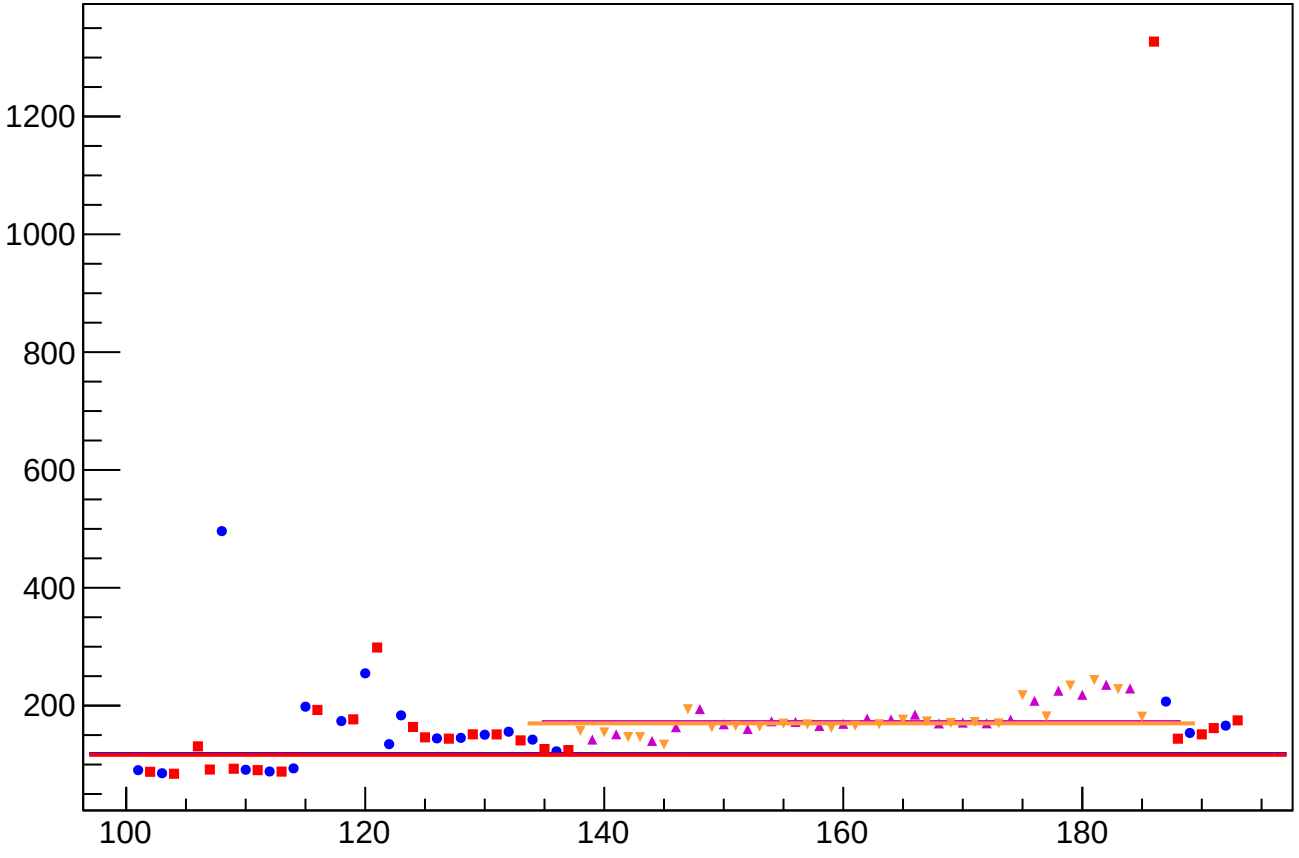
Right: 65.252+/-29.799 χ^2/NDF: 30.8/42

In: 111.973+/-30.336 χ^2/NDF:42.1/42

Out: 142.804+/-28.339 χ^2/NDF:44.9/47

All: 128.437+/-20.709 χ^2/NDF: 87.6/90

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 117.782+/-0.032 χ^2/NDF: 1601643.3/19

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 116.495+/-0.028 χ^2/NDF: 2155625.6/22

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

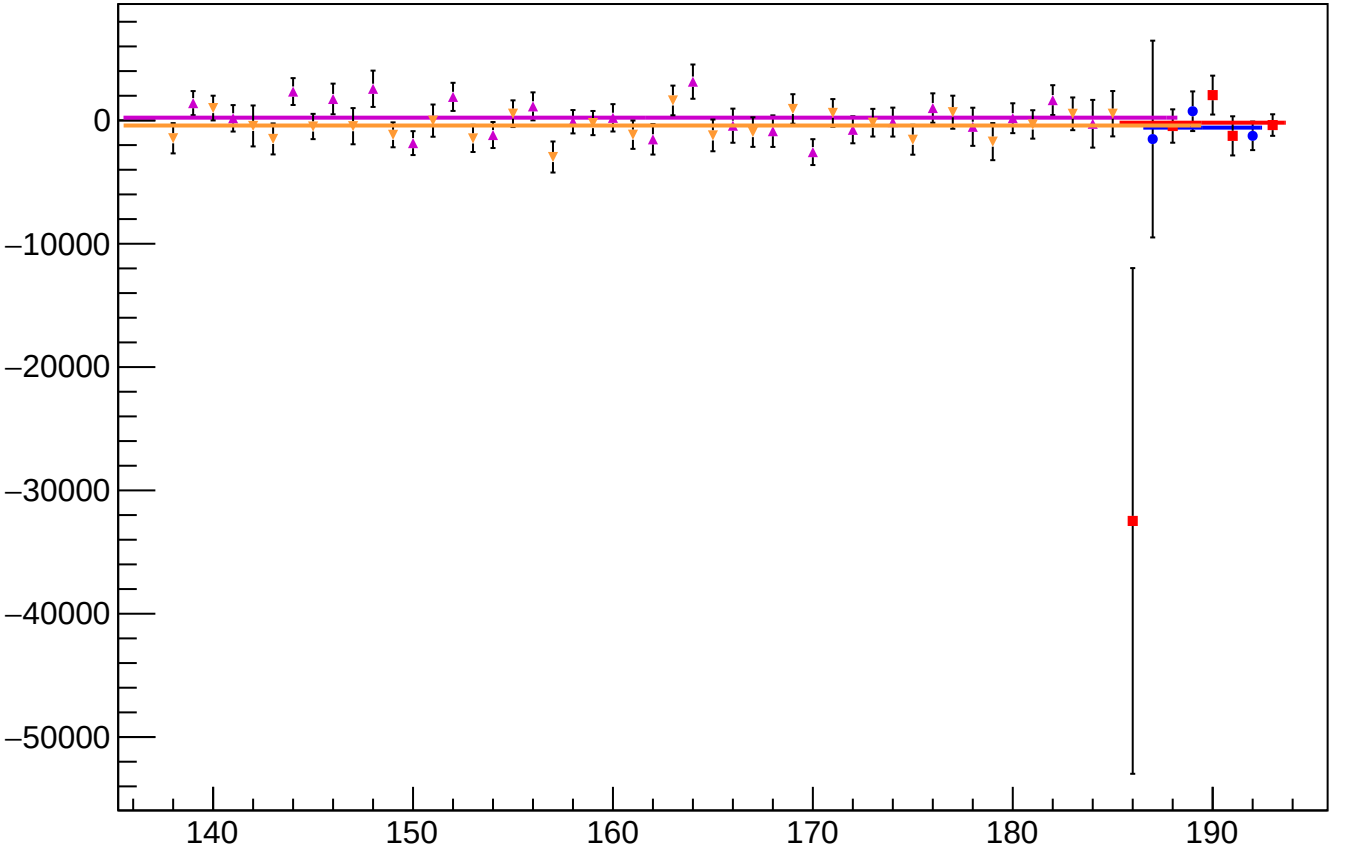
Right: 117.070+/-0.021 χ^2/NDF: 3758191.3/42

In: 146.949+/-0.021 χ^2/NDF:3783473.6/42

Out: 143.168+/-0.020 χ^2/NDF:4594884.6/47

All: 144.930+/-0.015 χ^2/NDF: 8394956.4/90

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -583.204+/-932.425 χ^2/NDF: 1.0/2

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -183.847+/-613.949 χ^2/NDF: 5.0/4

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

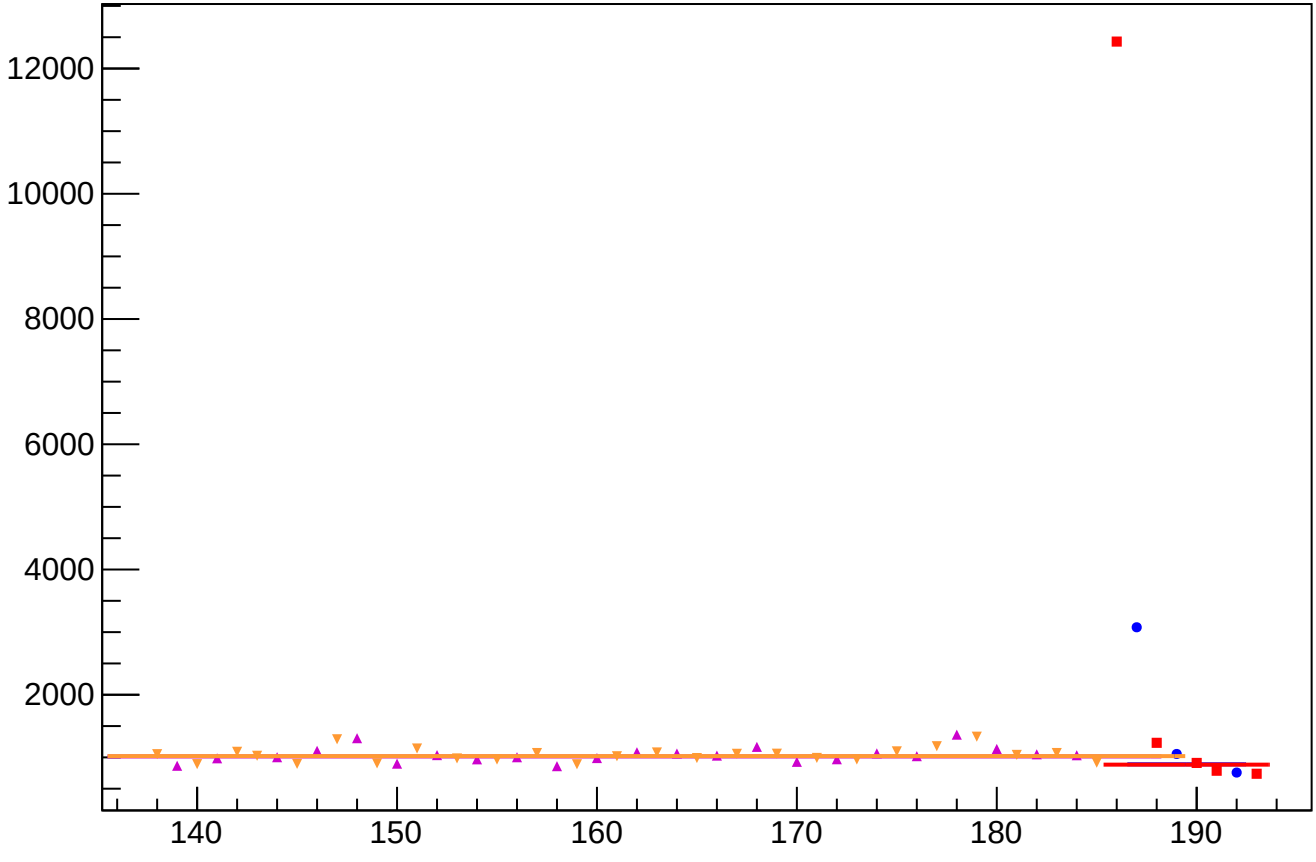
Right: -304.624+/-512.775 χ^2/NDF: 6.2/7

In: 171.733+/-235.845 χ^2/NDF:37.7/25

Out: -382.393+/-223.753 χ^2/NDF:24.2/29

All: -119.899+/-162.323 χ^2/NDF: 64.8/55

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 889.275+/-0.659 χ^2/NDF: 197533.8/2

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 883.967+/-0.434 χ^2/NDF: 830364.1/4

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

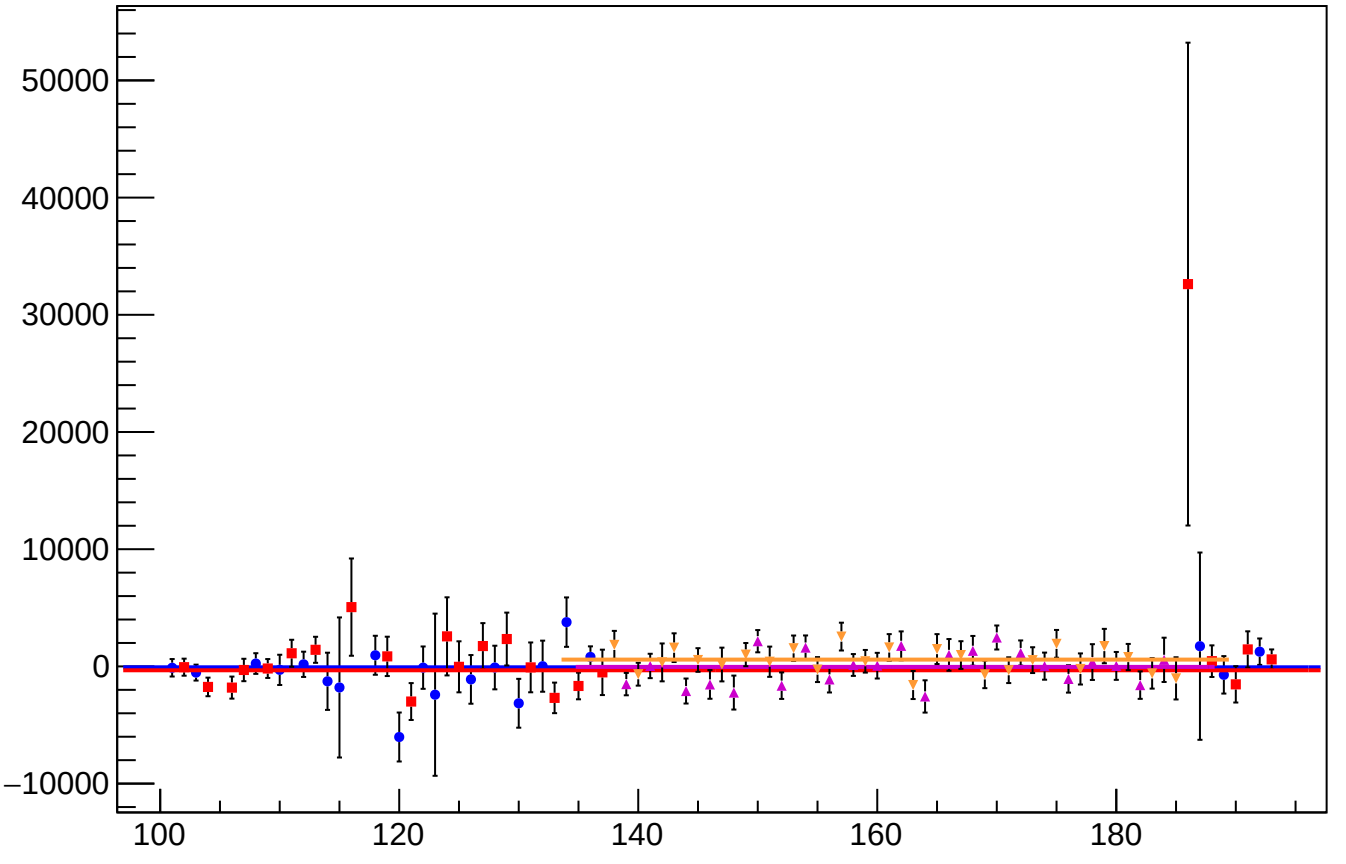
Right: 885.572+/-0.363 χ^2/NDF: 1027943.2/7

In: 1006.956+/-0.167 χ^2/NDF:636434.5/25

Out: 1002.061+/-0.158 χ^2/NDF:1285562.4/29

All: 1004.380+/-0.115 χ^2/NDF: 1922450.4/55

asym_sam5_mean vs Slug, Sign Corrected



Right In: -76.477+/-295.717 χ^2/NDF: 17.9/19

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -330.727+/-258.125 χ^2/NDF: 28.9/22

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

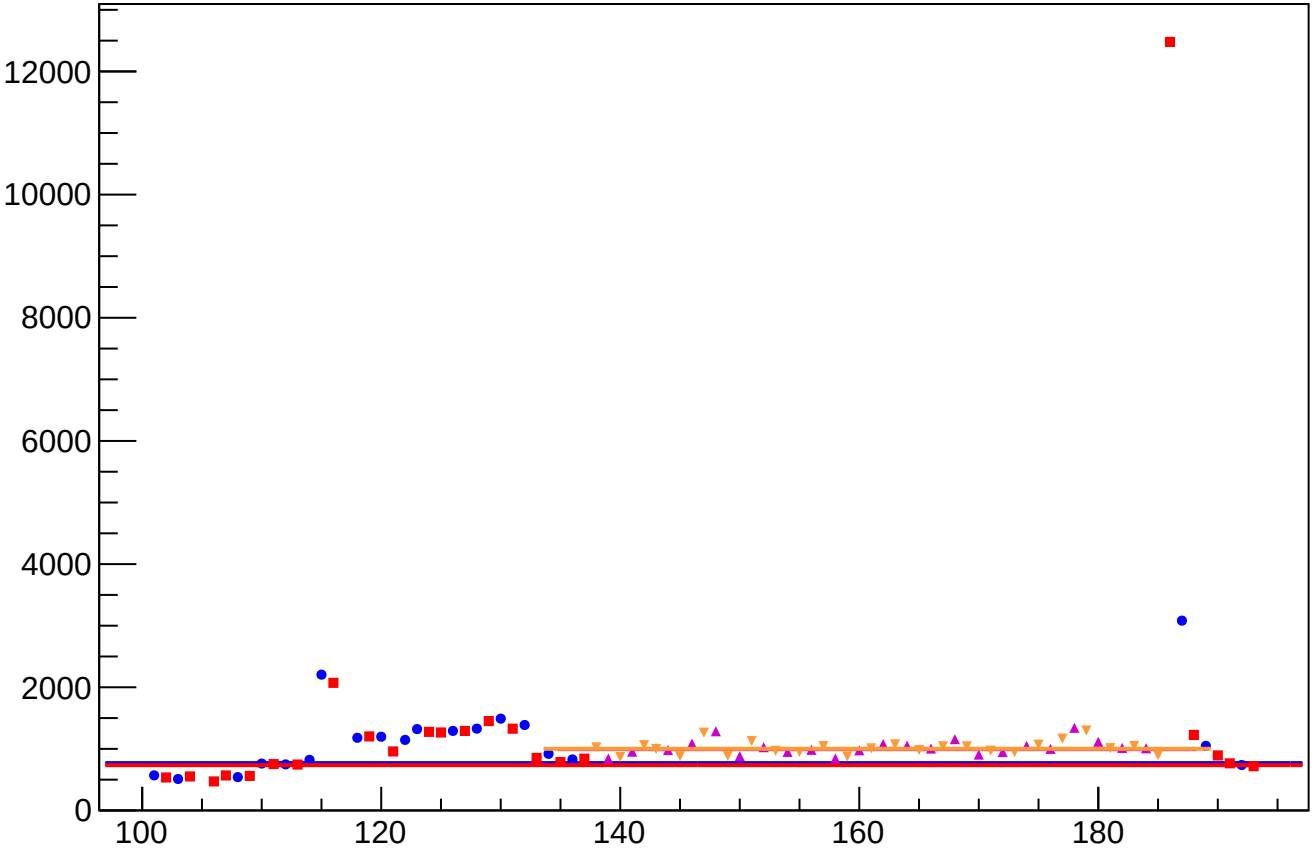
Right: -220.780+/-194.463 χ^2/NDF: 47.3/42

In: -55.881+/-186.012 χ^2/NDF:55.8/42

Out: 166.256+/-174.007 χ^2/NDF:54.1/47

All: 62.587+/-127.074 χ^2/NDF: 110.7/90

asym_sam5_rms vs Slug, Sign Corrected



Right In: 768.845+/-0.209 χ^2/NDF: 1944602.3/19

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 735.521+/-0.183 χ^2/NDF: 2627401.5/22

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

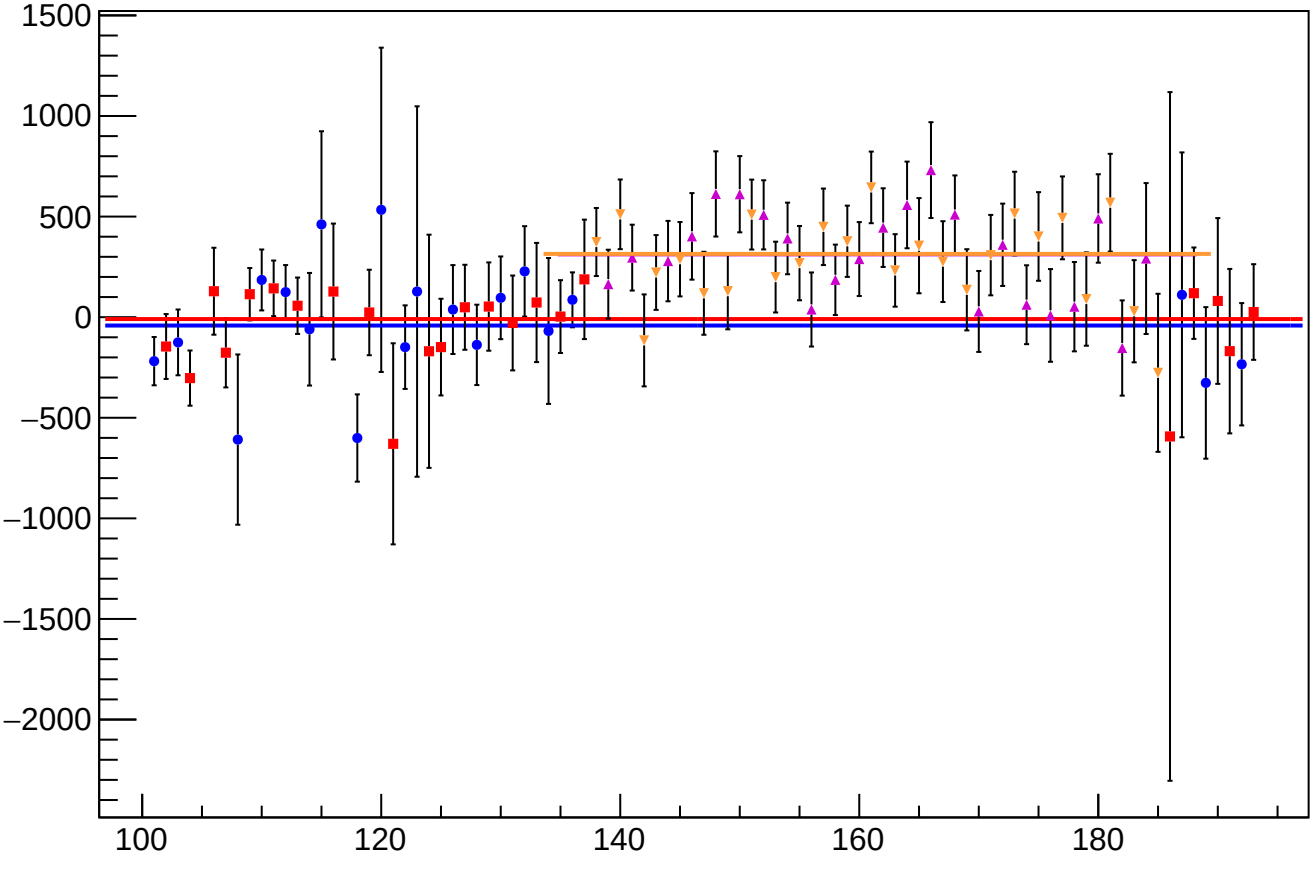
Right: 749.931+/-0.138 χ^2/NDF: 4586418.4/42

In: 905.874+/-0.132 χ^2/NDF:3079644.2/42

Out: 880.484+/-0.123 χ^2/NDF:4153887.9/47

All: 892.333+/-0.090 χ^2/NDF: 7253405.3/90

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -41.577+/-47.341 χ^2/NDF: 20.8/19

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -9.369+/-43.520 χ^2/NDF: 12.5/22

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

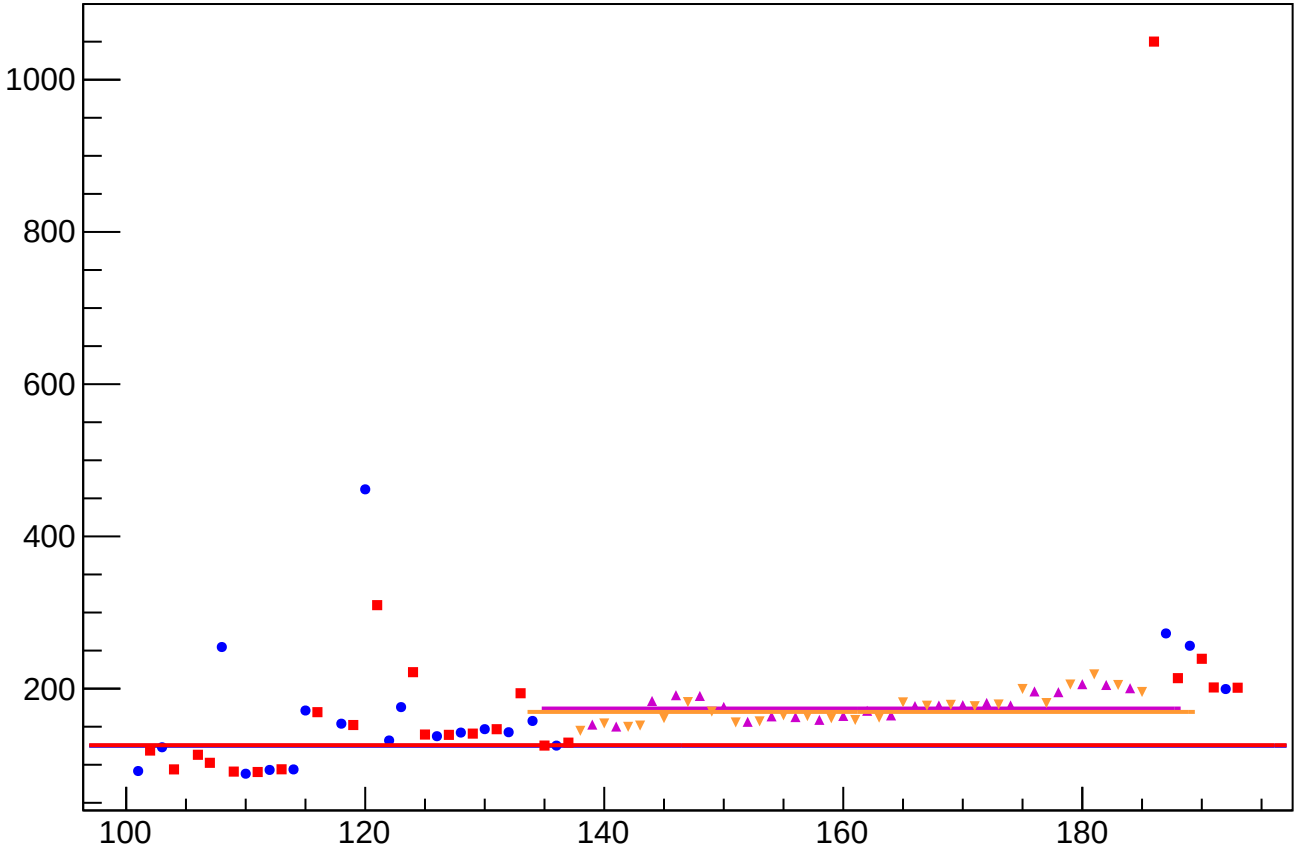
Right: -24.121+/-32.039 χ^2/NDF: 33.5/42

In: 157.804+/-31.269 χ^2/NDF:79.2/42

Out: 166.932+/-29.377 χ^2/NDF:64.0/47

All: 162.652+/-21.410 χ^2/NDF: 143.2/90

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 124.960+/-0.033 χ^2/NDF: 1531823.3/19

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 125.697+/-0.031 χ^2/NDF: 2371906.1/22

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

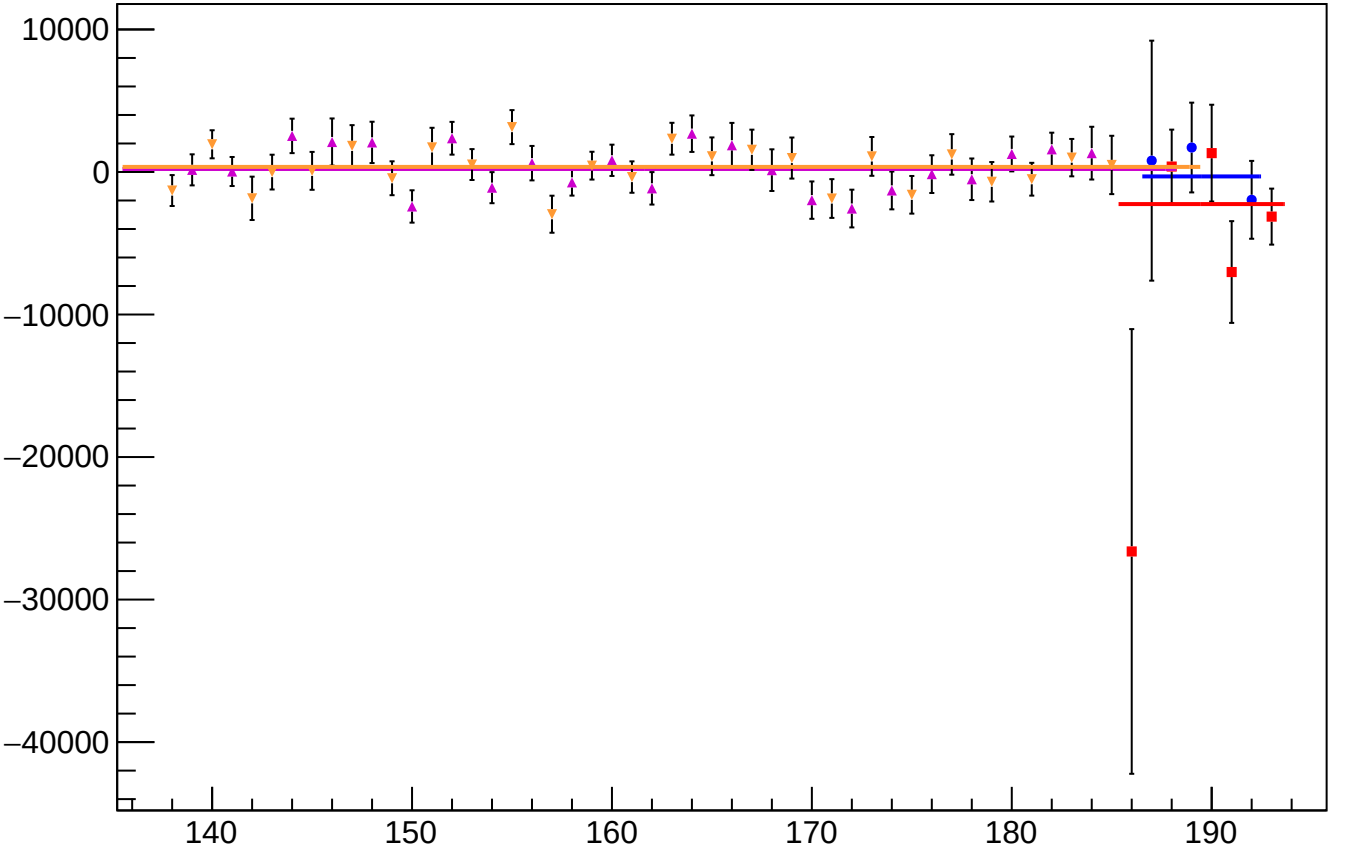
Right: 125.359+/-0.023 χ^2/NDF: 3903992.3/42

In: 152.519+/-0.022 χ^2/NDF:3025882.8/42

Out: 149.503+/-0.021 χ^2/NDF:3857819.2/47

All: 150.917+/-0.015 χ^2/NDF: 6893586.4/90

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -311.228+/-2004.027 χ^2/NDF: 0.8/2

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -2251.145+/-1316.046 χ^2/NDF: 6.6/4

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

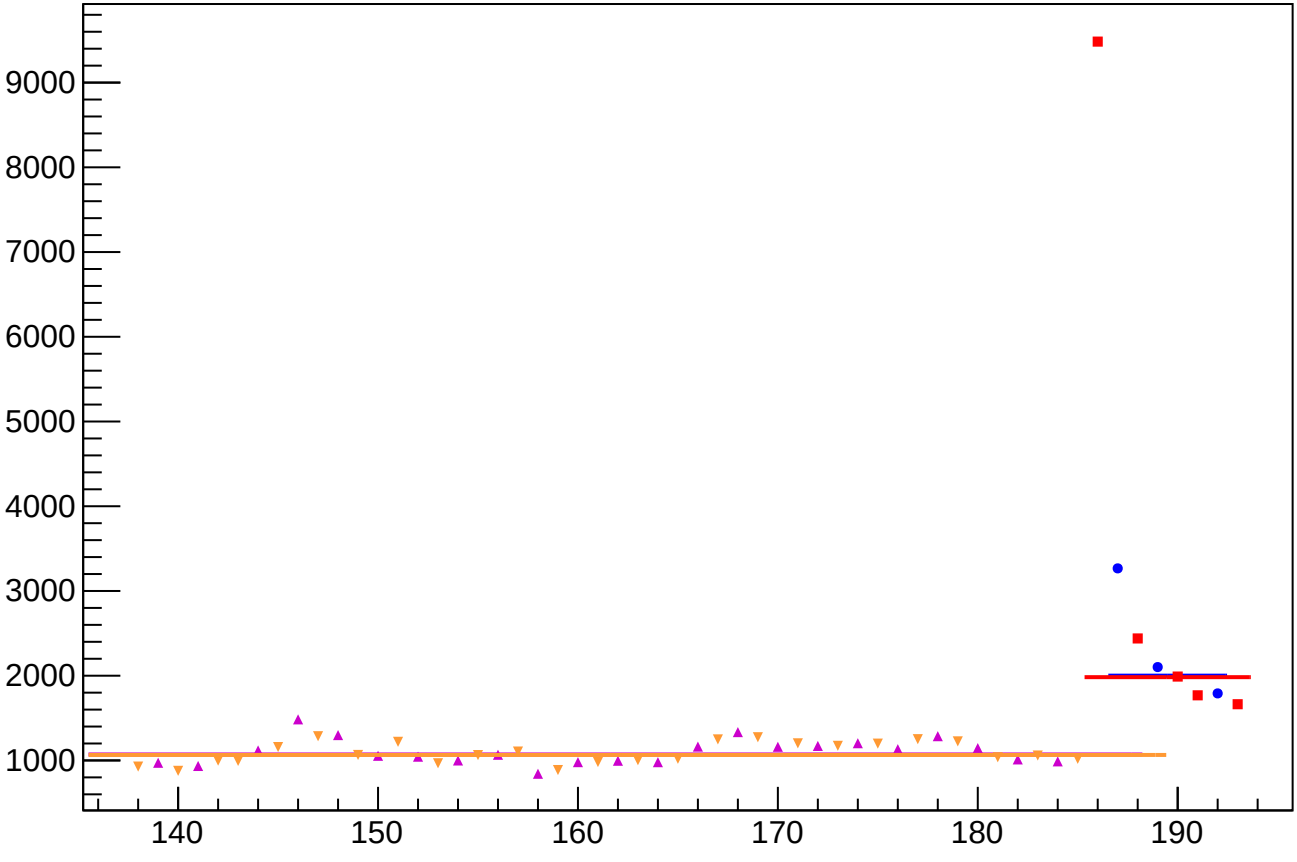
Right: -1666.622+/-1100.050 χ^2/NDF: 8.0/7

In: 203.516+/-255.287 χ^2/NDF:36.9/25

Out: 265.130+/-246.494 χ^2/NDF:43.7/29

All: 235.402+/-177.324 χ^2/NDF: 80.6/55

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 2000.629+/-1.417 χ^2/NDF: 59060.8/2

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 1982.803+/-0.931 χ^2/NDF: 584611.6/4

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

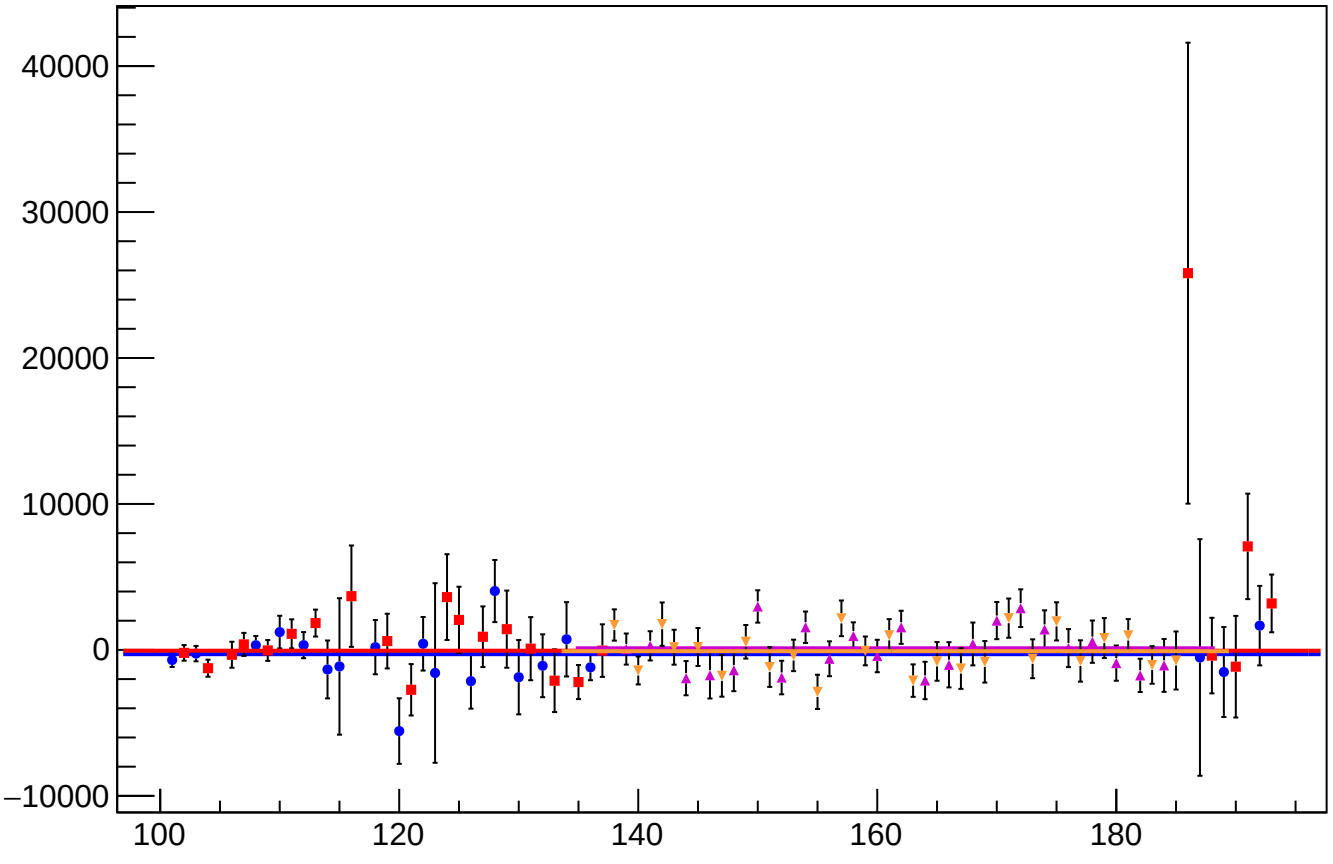
Right: 1988.174+/-0.778 χ^2/NDF: 643783.0/7

In: 1085.784+/-0.181 χ^2/NDF:1053134.3/25

Out: 1097.070+/-0.174 χ^2/NDF:2017088.4/29

All: 1091.625+/-0.125 χ^2/NDF: 3072245.6/55

asym_sam6_mean vs Slug, Sign Corrected



Right In: -292.770+/-248.070 χ^2/NDF: 17.5/19

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -54.849+/-243.505 χ^2/NDF: 30.5/22

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

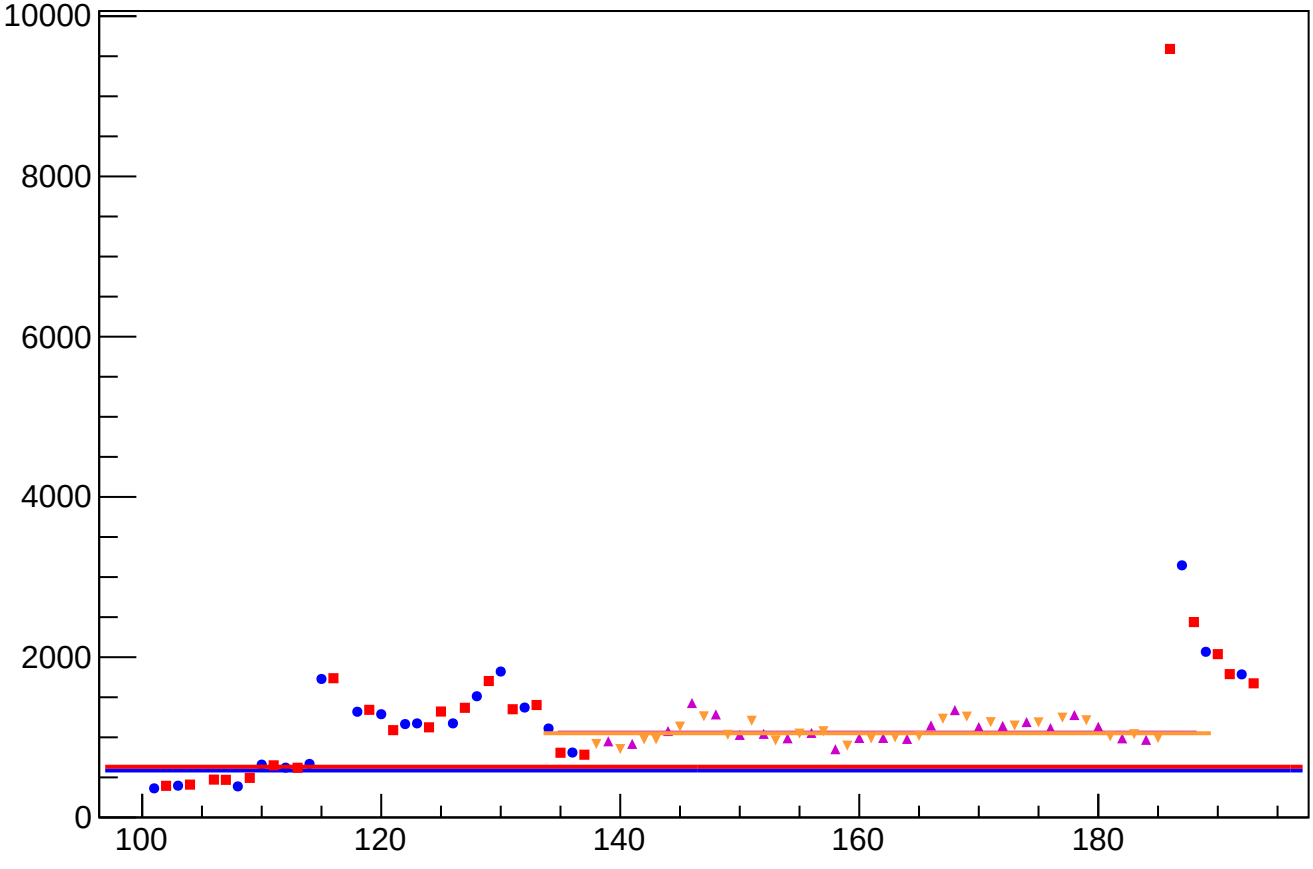
Right: -171.600+/-173.776 χ^2/NDF: 48.5/42

In: -95.979+/-177.587 χ^2/NDF:54.0/42

Out: -71.974+/-173.500 χ^2/NDF:61.5/47

All: -83.697+/-124.103 χ^2/NDF: 115.5/90

asym_sam6_rms vs Slug, Sign Corrected



Right In: 586.294+/-0.175 χ^2/NDF: 4326275.6/19

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 633.134+/-0.172 χ^2/NDF: 5594871.8/22

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

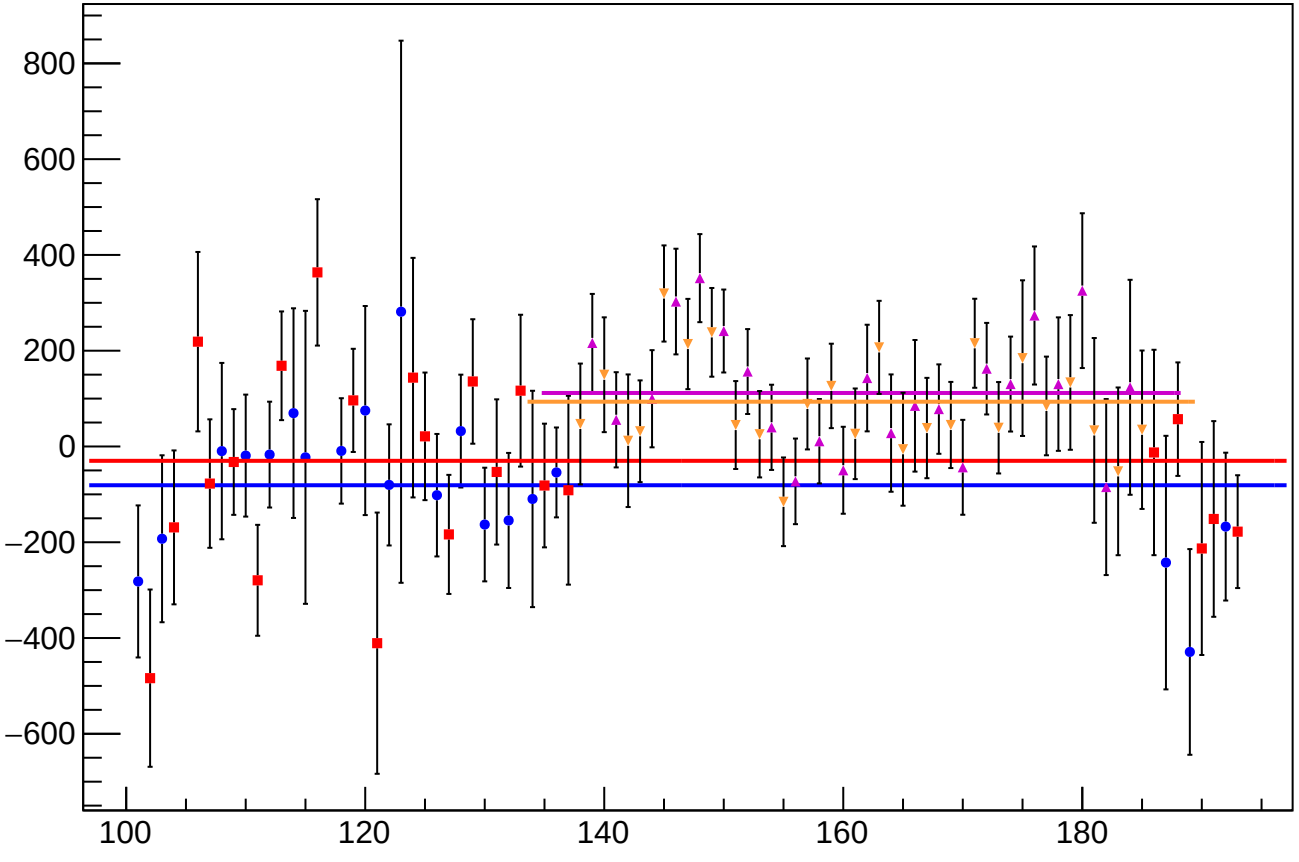
Right: 610.149+/-0.123 χ^2/NDF: 9957462.4/42

In: 816.339+/-0.126 χ^2/NDF:8386355.5/42

Out: 838.821+/-0.123 χ^2/NDF:8976835.1/47

All: 827.841+/-0.088 χ^2/NDF: 17379590.9/90

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -80.956+/-33.117 χ^2/NDF: 9.7/19

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -29.953+/-30.111 χ^2/NDF: 34.4/22

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

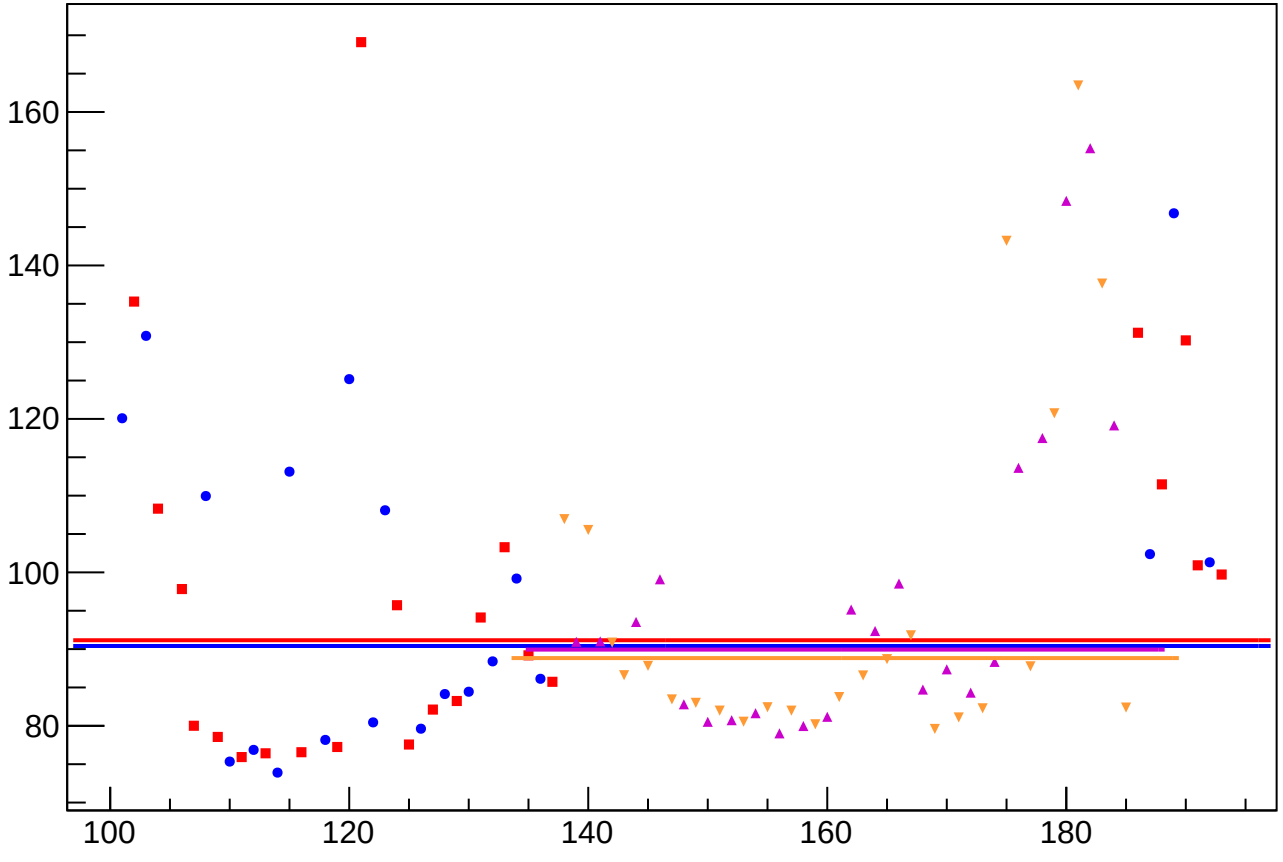
Right: -53.036+/-22.279 χ^2/NDF: 45.4/42

In: 52.842+/-18.308 χ^2/NDF:63.9/42

Out: 52.366+/-17.381 χ^2/NDF:68.3/47

All: 52.592+/-12.605 χ^2/NDF: 132.2/90

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 90.406+/-0.023 χ^2/NDF: 554614.1/19

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 91.155+/-0.021 χ^2/NDF: 721434.1/22

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

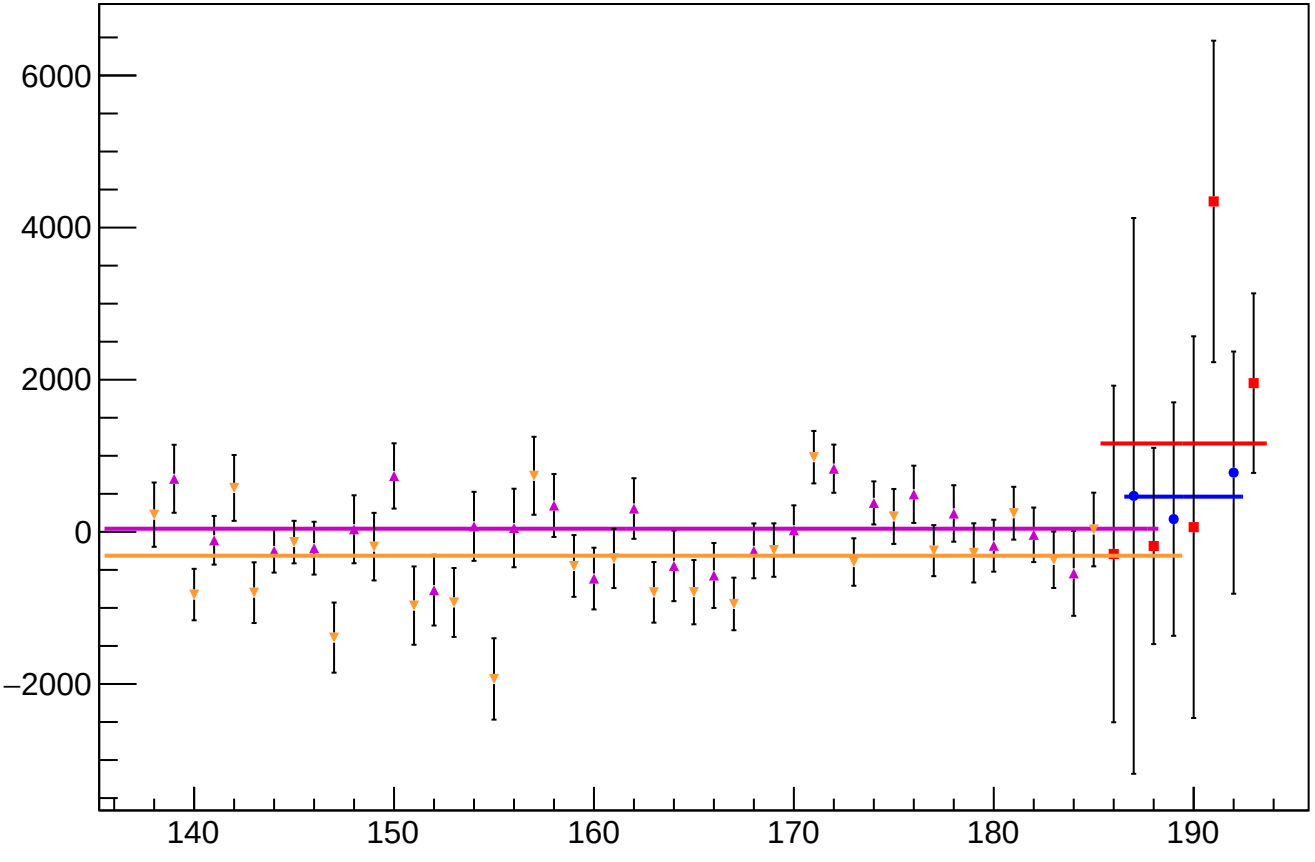
Right: 90.816+/-0.016 χ^2/NDF: 1276608.1/42

In: 90.078+/-0.013 χ^2/NDF:1429025.4/42

Out: 89.604+/-0.012 χ^2/NDF:1730036.3/47

All: 89.829+/-0.009 χ^2/NDF: 3159766.3/90

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 462.853+/-1057.622 χ^2/NDF: 0.1/2

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 1162.178+/-724.409 χ^2/NDF: 4.4/4

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

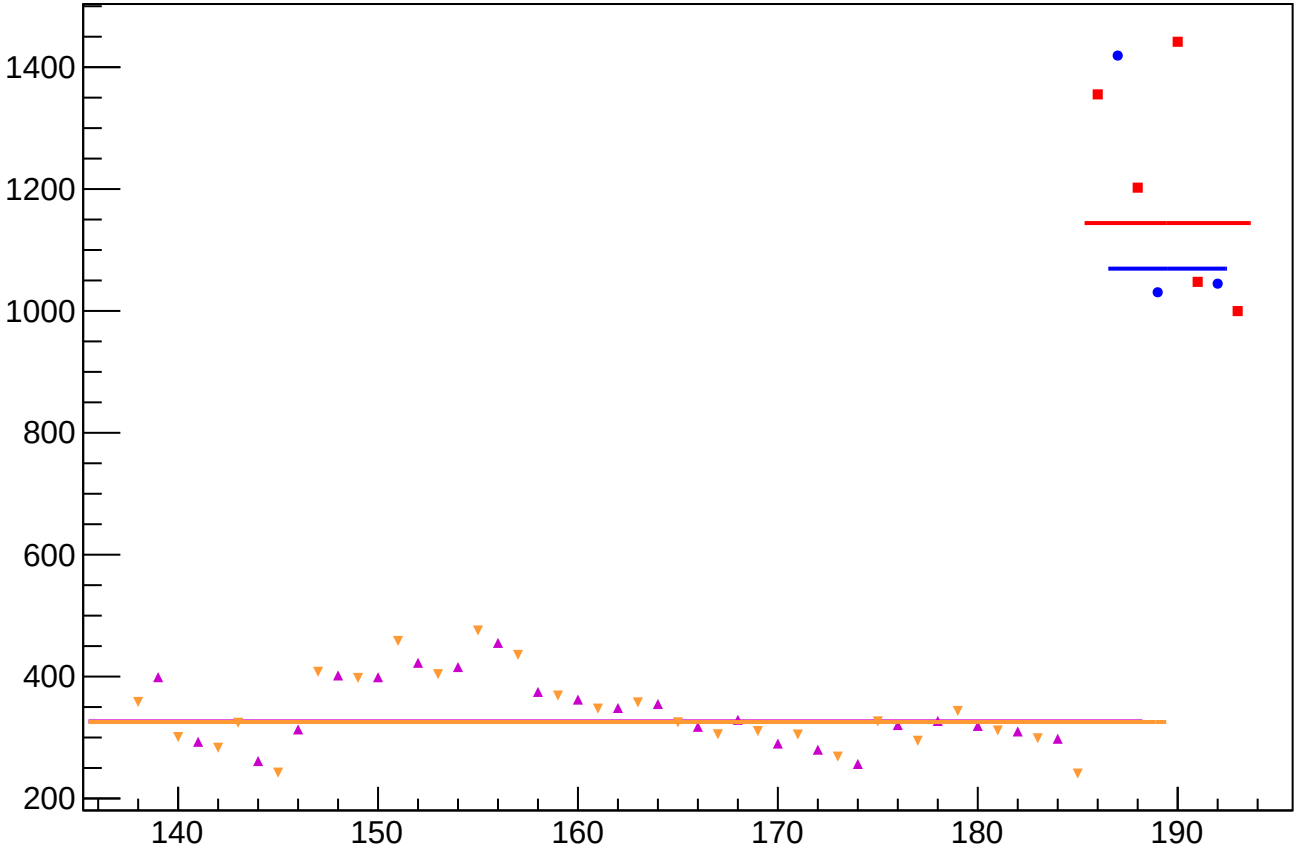
Right: 938.861+/-597.657 χ^2/NDF: 4.8/7

In: 43.575+/-78.639 χ^2/NDF:28.3/25

Out: -296.819+/-76.898 χ^2/NDF:66.6/29

All: -130.434+/-54.980 χ^2/NDF: 104.5/55

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 1069.399+/-0.748 χ^2/NDF: 20076.6/2

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1144.204+/-0.512 χ^2/NDF: 84514.5/4

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

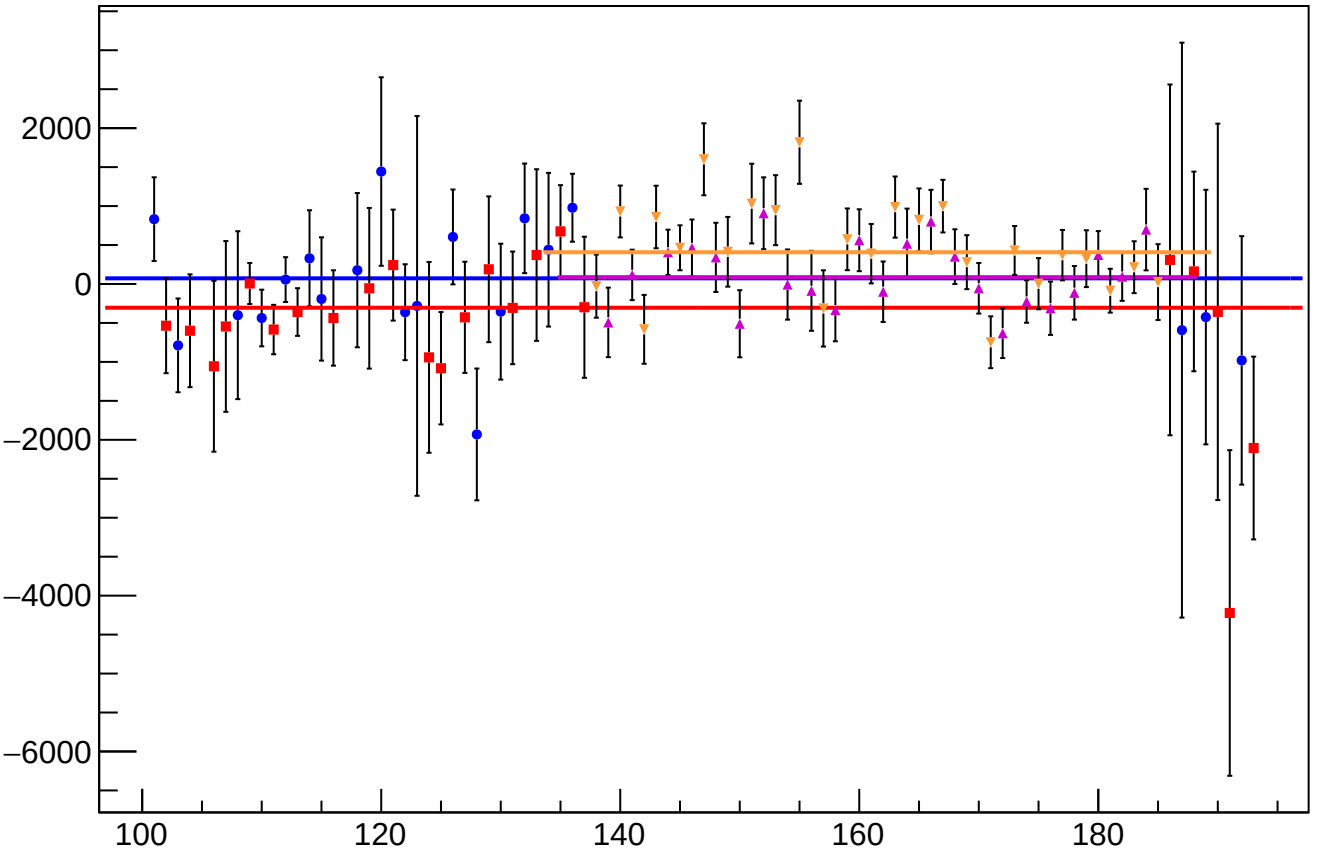
Right: 1120.316+/-0.423 χ^2/NDF: 111401.4/7

In: 330.624+/-0.056 χ^2/NDF:1842529.3/25

Out: 334.658+/-0.054 χ^2/NDF:3611682.5/29

All: 332.686+/-0.039 χ^2/NDF: 5456902.9/55

asym_sam7_mean vs Slug, Sign Corrected



Right In: 72.599+/-141.396 χ^2/NDF: 21.1/19

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -304.782+/-127.727 χ^2/NDF: 14.7/22

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

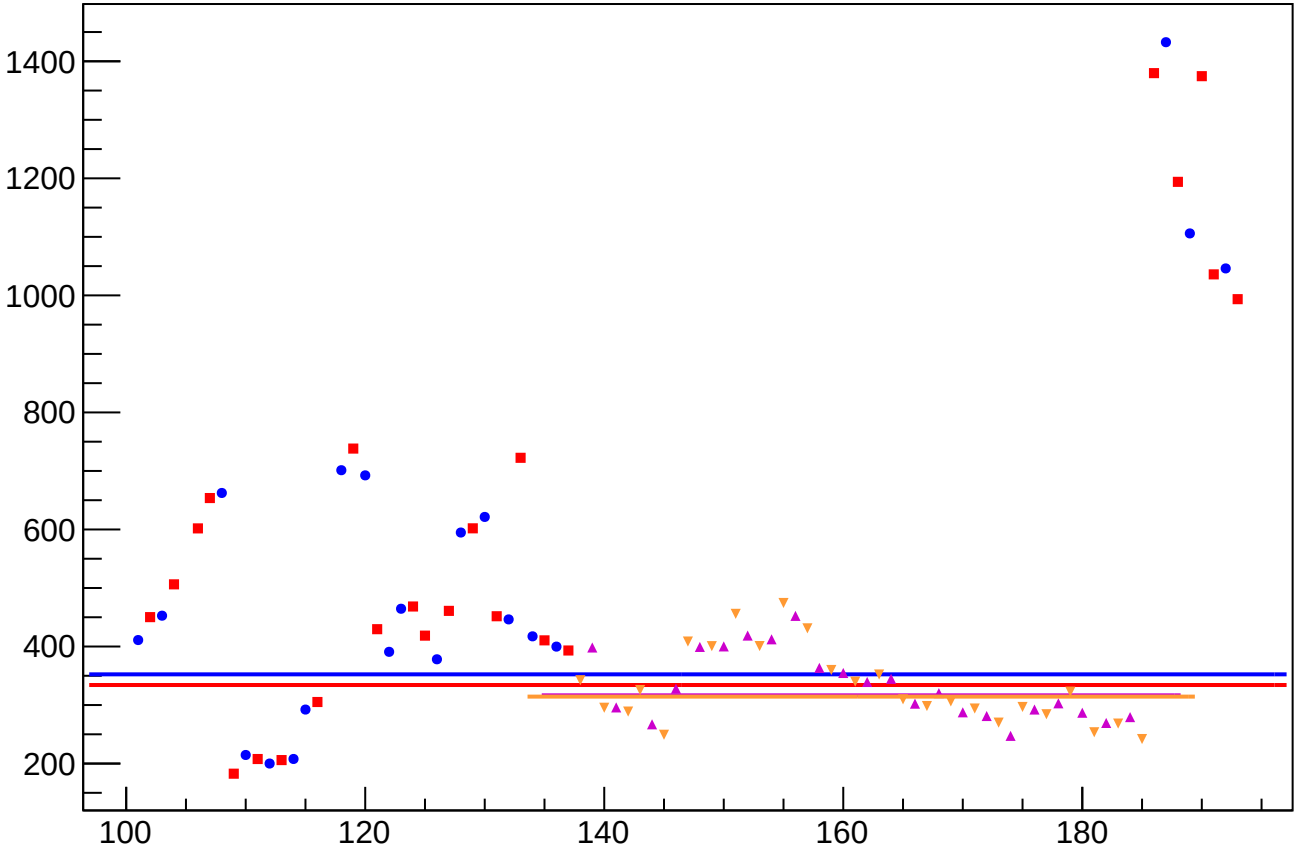
Right: -135.210+/-94.782 χ^2/NDF: 39.7/42

In: 84.242+/-67.332 χ^2/NDF:48.6/42

Out: 225.760+/-64.501 χ^2/NDF:90.8/47

All: 158.038+/-46.578 χ^2/NDF: 141.7/90

asym_sam7_rms vs Slug, Sign Corrected



Right In: 352.456+/-0.100 χ^2/NDF: 3034034.4/19

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 334.226+/-0.090 χ^2/NDF: 5334315.5/22

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

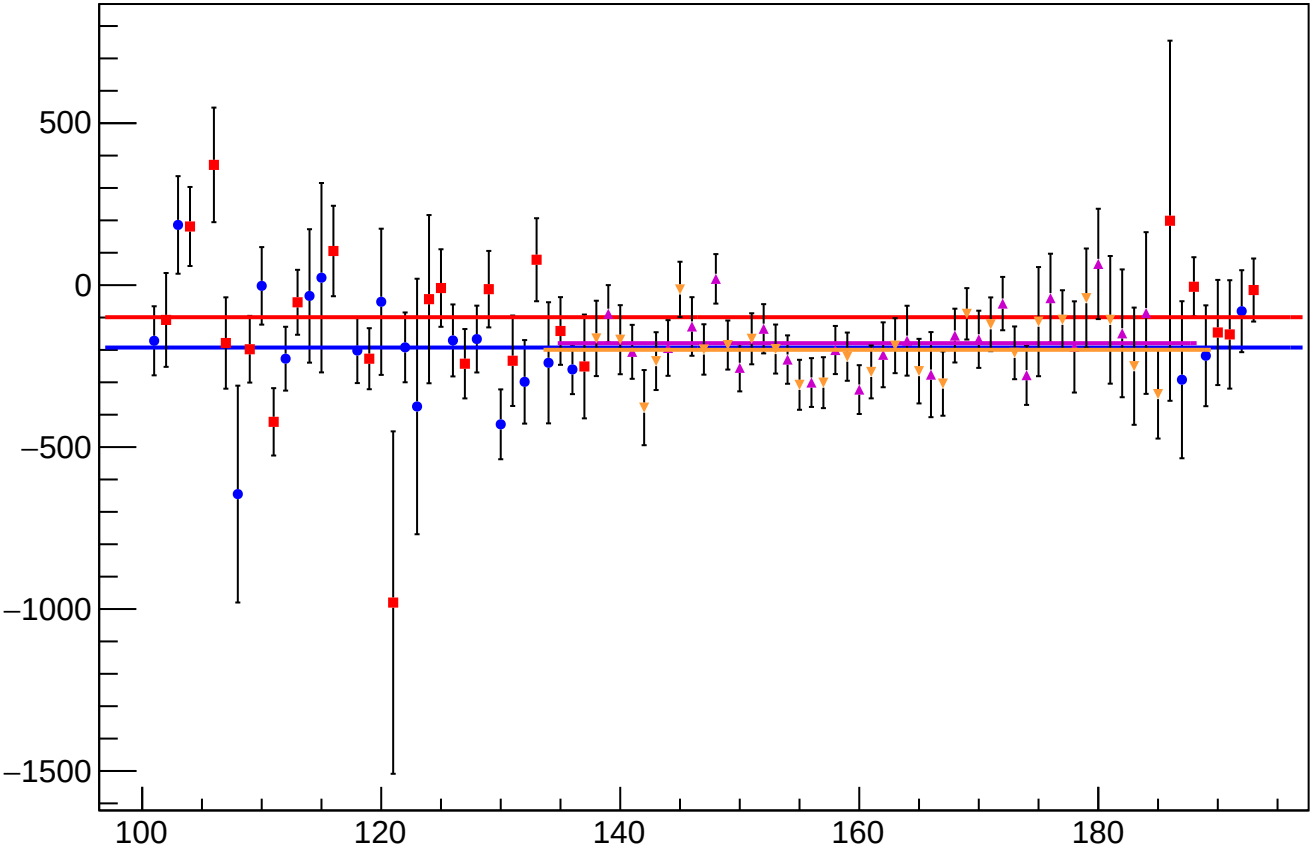
Right: 342.418+/-0.067 χ^2/NDF: 8386657.1/42

In: 324.744+/-0.048 χ^2/NDF:4063045.8/42

Out: 319.460+/-0.046 χ^2/NDF:6482443.3/47

All: 321.988+/-0.033 χ^2/NDF: 10551911.9/90

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -192.652+/-28.833 χ^2/NDF: 20.0/19

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -98.998+/-26.355 χ^2/NDF: 39.4/22

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

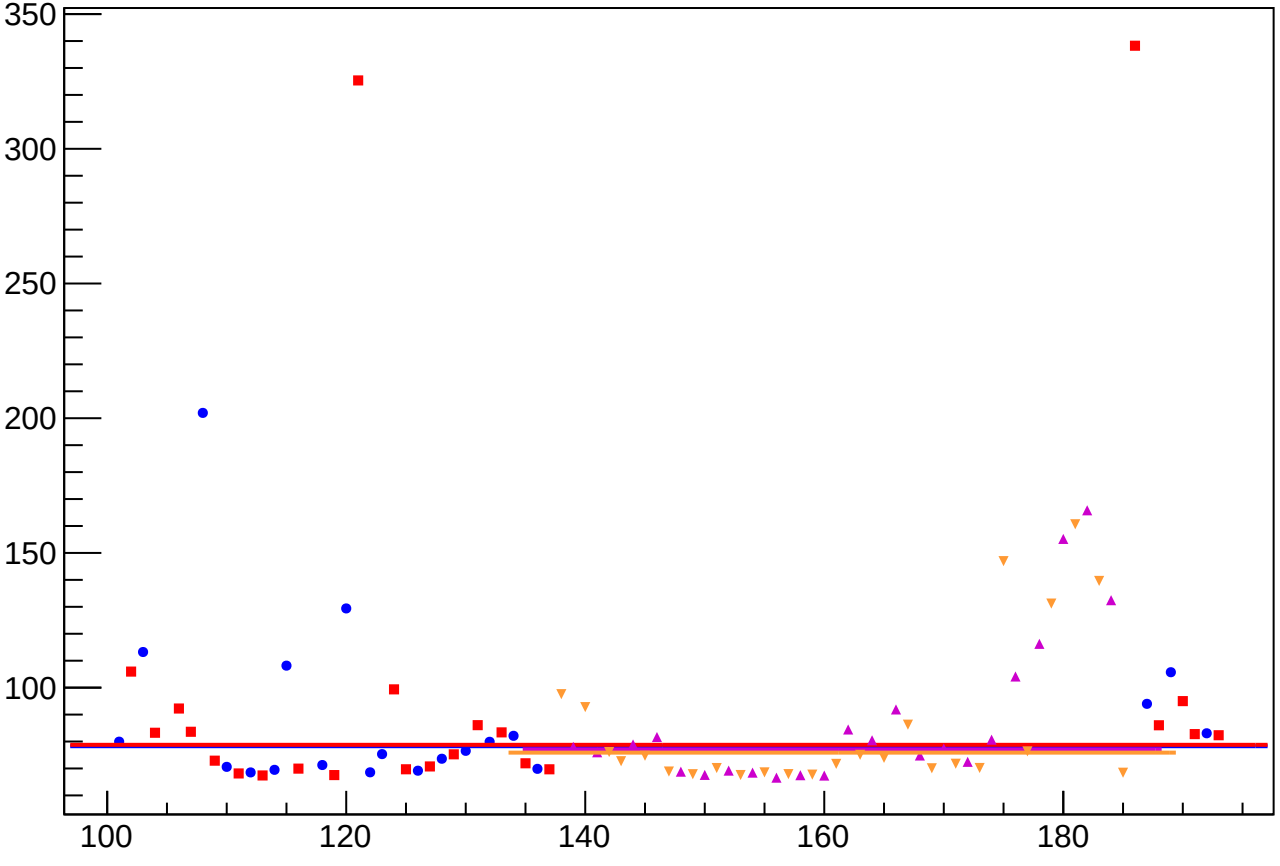
Right: -141.629+/-19.453 χ^2/NDF: 65.1/42

In: -183.274+/-15.930 χ^2/NDF:44.0/42

Out: -166.535+/-15.116 χ^2/NDF:69.3/47

All: -174.466+/-10.965 χ^2/NDF: 113.9/90

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 78.263+/-0.020 χ^2/NDF: 679196.5/19

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 78.779+/-0.019 χ^2/NDF: 1144116.0/22

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

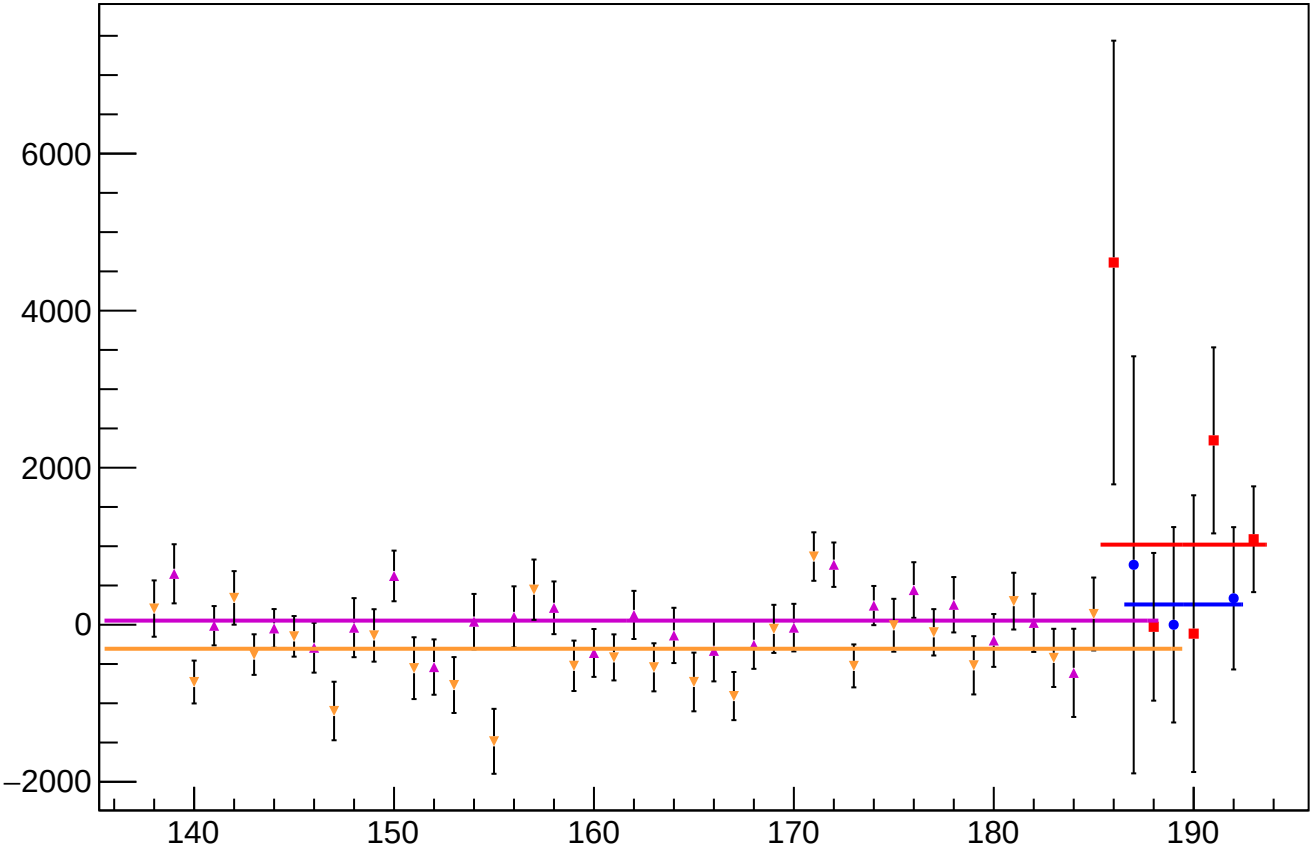
Right: 78.544+/-0.014 χ^2/NDF: 1823661.0/42

In: 77.441+/-0.011 χ^2/NDF:2104519.1/42

Out: 76.836+/-0.011 χ^2/NDF:2712818.4/47

All: 77.122+/-0.008 χ^2/NDF: 4818856.6/90

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 258.341+/-706.131 χ^2/NDF: 0.1/2

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 1020.241+/-471.703 χ^2/NDF: 4.5/4

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

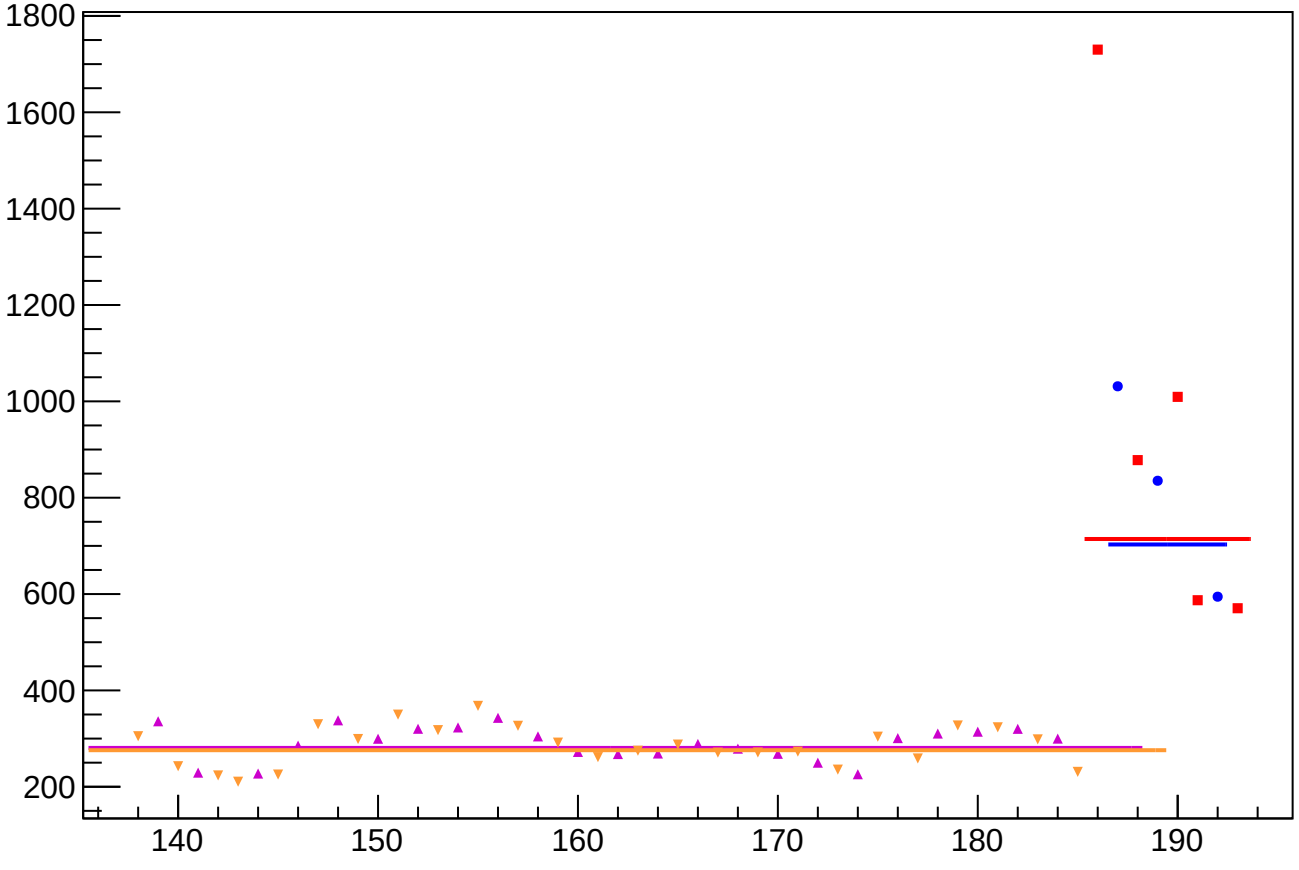
Right: 785.156+/-392.237 χ^2/NDF: 5.4/7

In: 54.623+/-67.232 χ^2/NDF:25.0/25

Out: -280.707+/-64.709 χ^2/NDF:67.2/29

All: -119.452+/-46.623 χ^2/NDF: 105.1/55

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 702.912+/-0.499 χ^2/NDF: 81788.1/2

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 714.315+/-0.334 χ^2/NDF: 489286.9/4

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

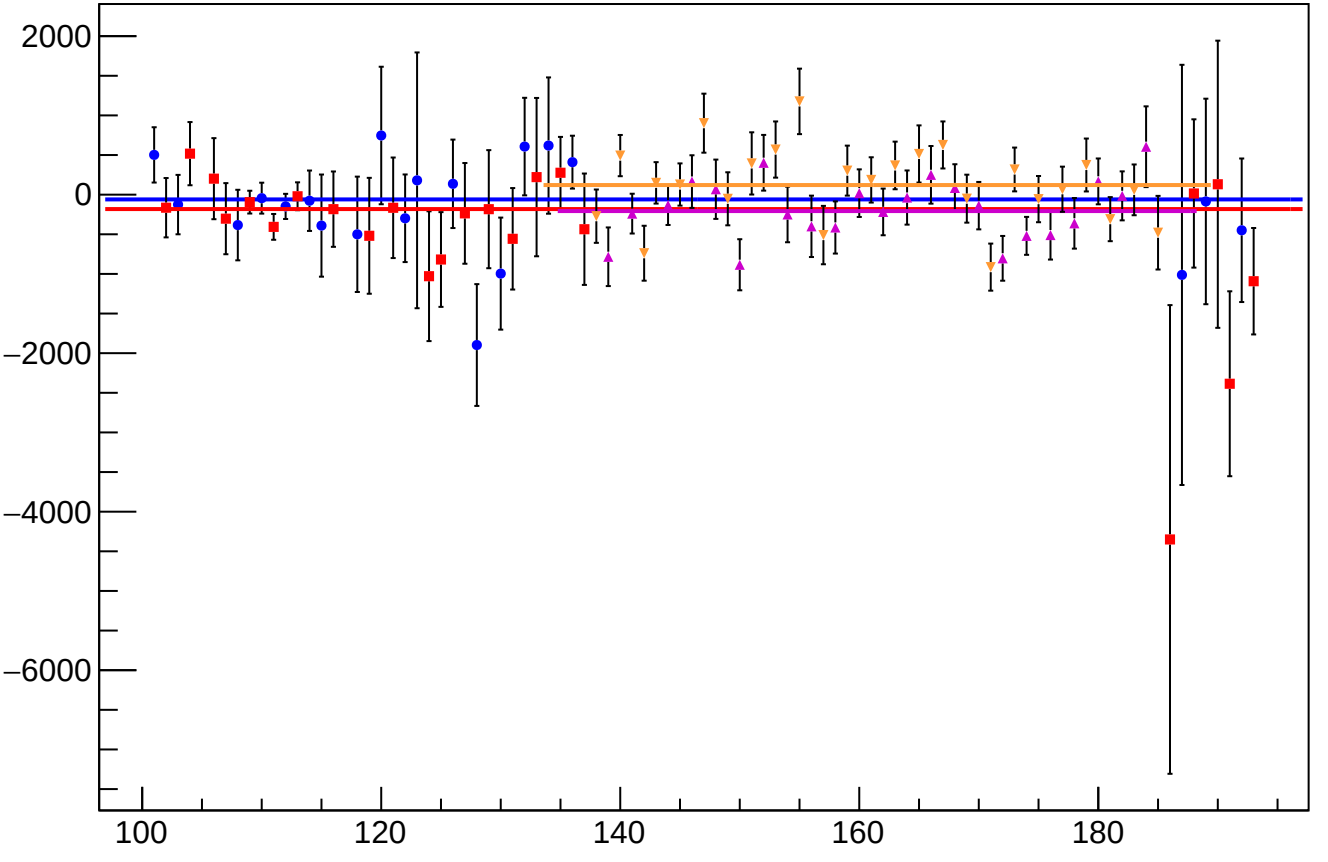
Right: 710.797+/-0.277 χ^2/NDF: 571435.6/7

In: 284.457+/-0.048 χ^2/NDF:1377986.7/25

Out: 284.151+/-0.046 χ^2/NDF:2937558.3/29

All: 284.298+/-0.033 χ^2/NDF: 4315566.4/55

asym_sam8_mean vs Slug, Sign Corrected



Right In: -60.040+/-89.642 χ^2/NDF: 16.9/19

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -181.786+/-76.037 χ^2/NDF: 18.4/22

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

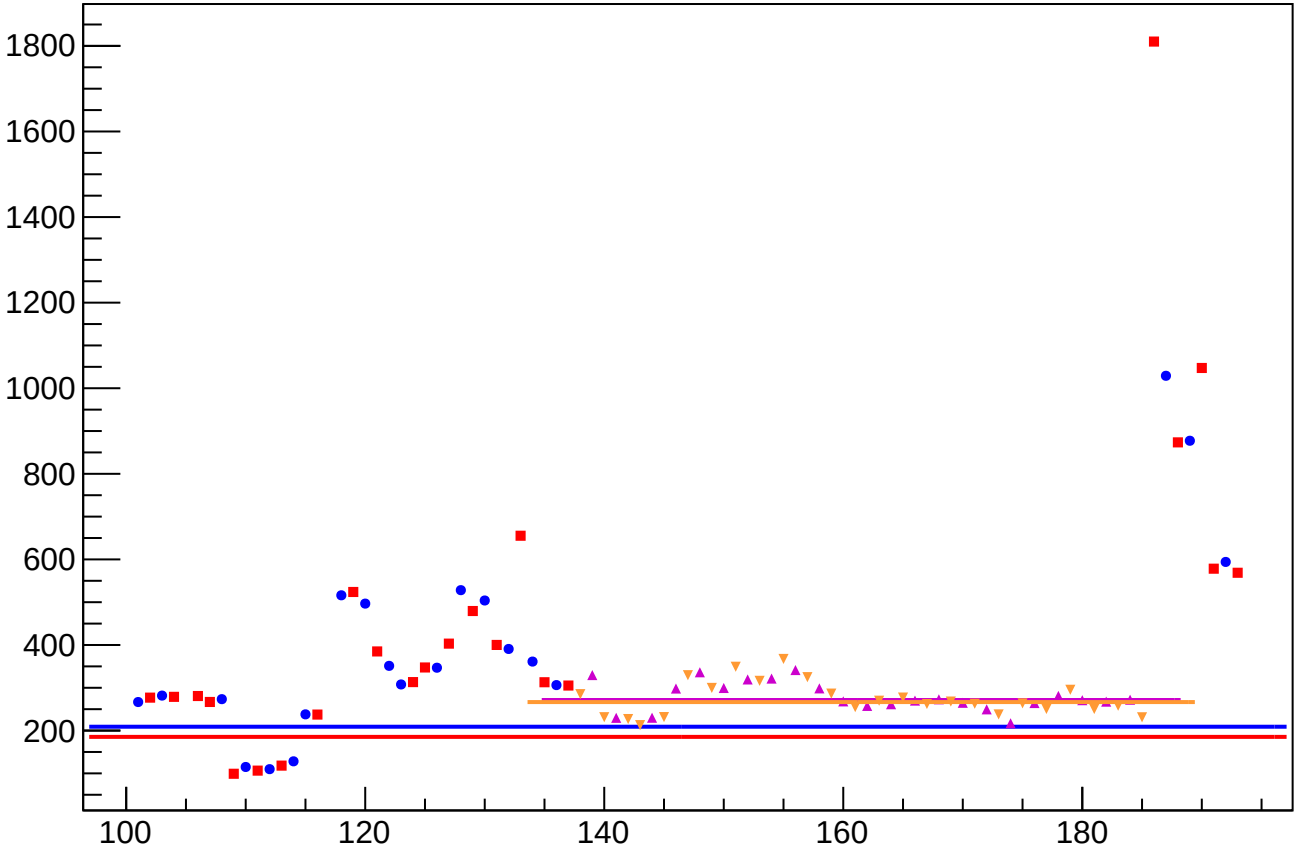
Right: -130.843+/-57.986 χ^2/NDF: 36.3/42

In: -156.137+/-52.753 χ^2/NDF:46.4/42

Out: -1.933+/-48.471 χ^2/NDF:76.8/47

All: -72.524+/-35.692 χ^2/NDF: 127.9/90

asym_sam8_rms vs Slug, Sign Corrected



Right In: 209.003+/-0.063 χ^2/NDF: 4536477.4/19

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 185.283+/-0.054 χ^2/NDF: 7145518.0/22

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

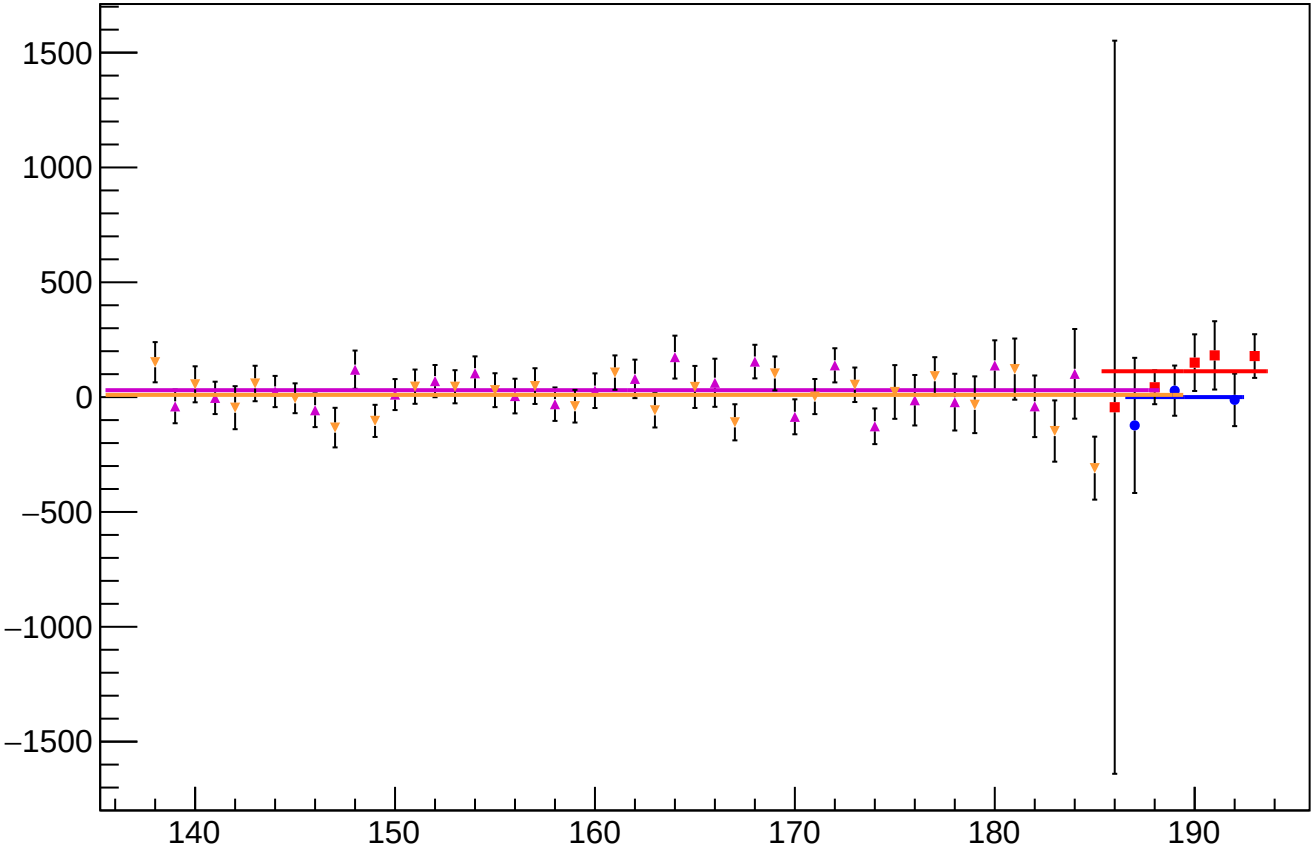
Right: 195.208+/-0.041 χ^2/NDF: 11763440.2/42

In: 249.825+/-0.037 χ^2/NDF:5701842.8/42

Out: 233.566+/-0.034 χ^2/NDF:9143225.5/47

All: 241.009+/-0.025 χ^2/NDF: 14948085.0/90

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.145+/-76.295 χ^2/NDF: 0.3/2

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 112.639+/-49.619 χ^2/NDF: 1.7/4

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

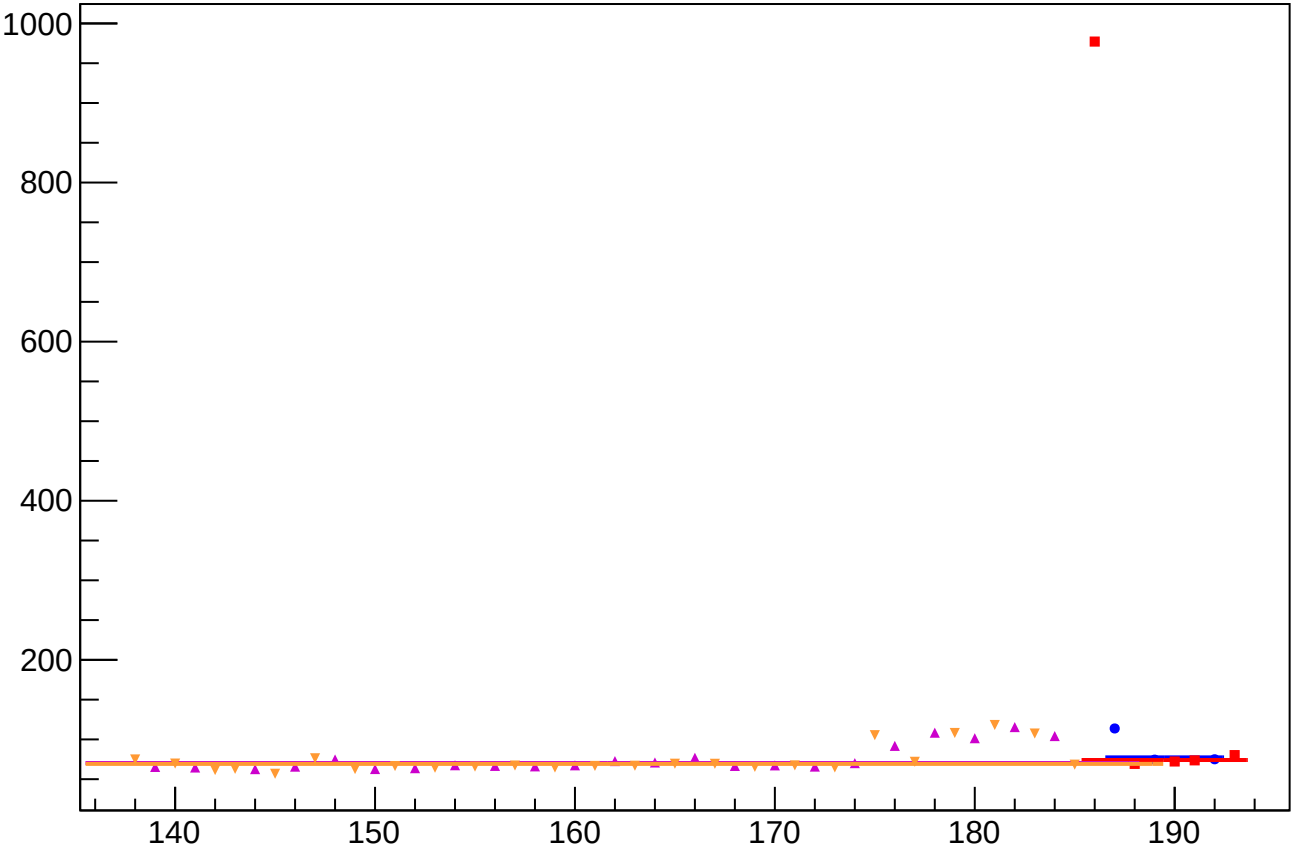
Right: 79.201+/-41.596 χ^2/NDF: 3.5/7

In: 28.808+/-16.622 χ^2/NDF:22.3/25

Out: 19.964+/-15.626 χ^2/NDF:31.5/29

All: 24.113+/-11.385 χ^2/NDF: 53.9/55

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 77.409+/-0.054 χ^2/NDF: 32744.2/2

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 74.106+/-0.035 χ^2/NDF: 657984.0/4

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

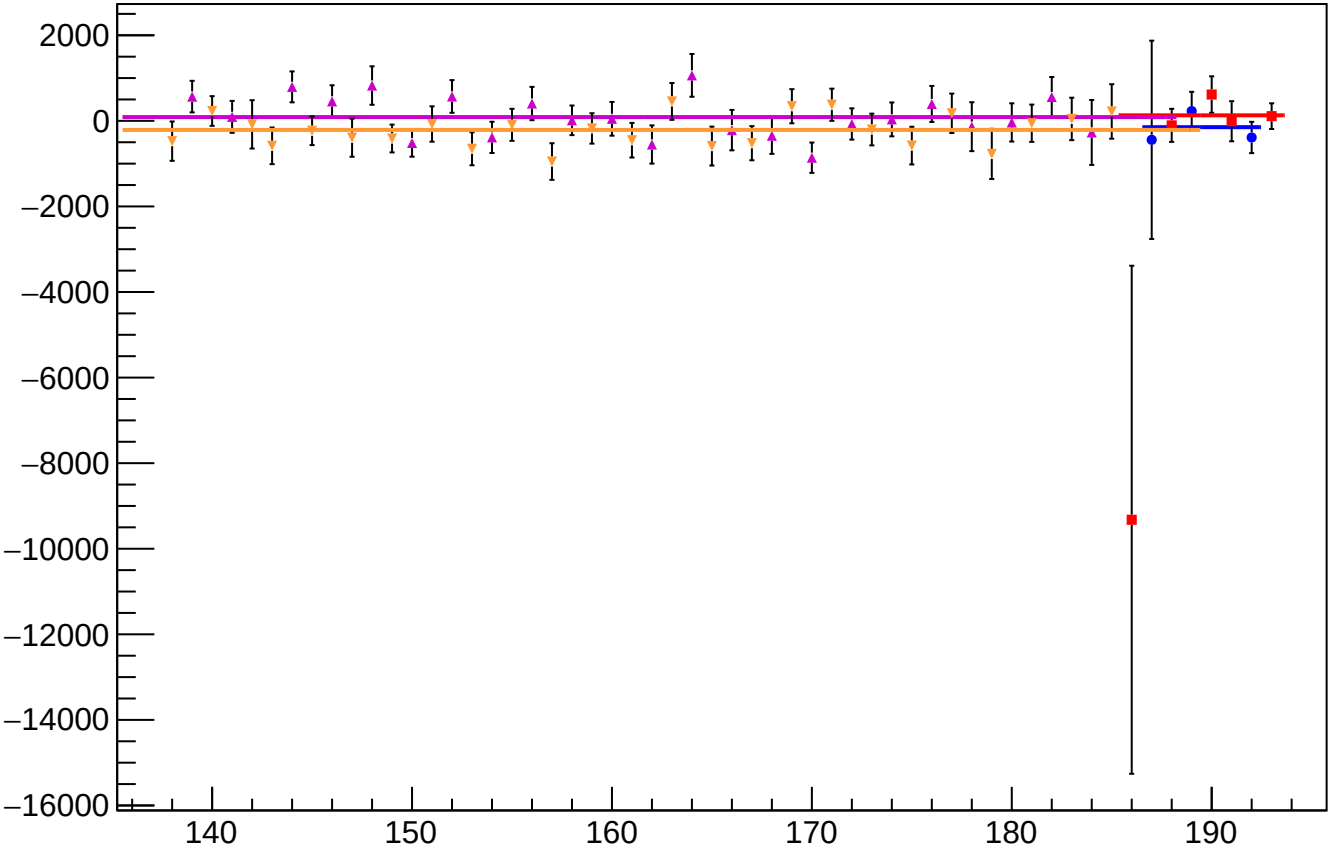
Right: 75.088+/-0.029 χ^2/NDF: 693362.4/7

In: 70.659+/-0.012 χ^2/NDF:911287.0/25

Out: 69.717+/-0.011 χ^2/NDF:1681278.6/29

All: 70.159+/-0.008 χ^2/NDF: 2595973.3/55

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -147.867+/-281.490 χ^2/NDF: 1.1/2

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 129.001+/-189.286 χ^2/NDF: 4.3/4

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

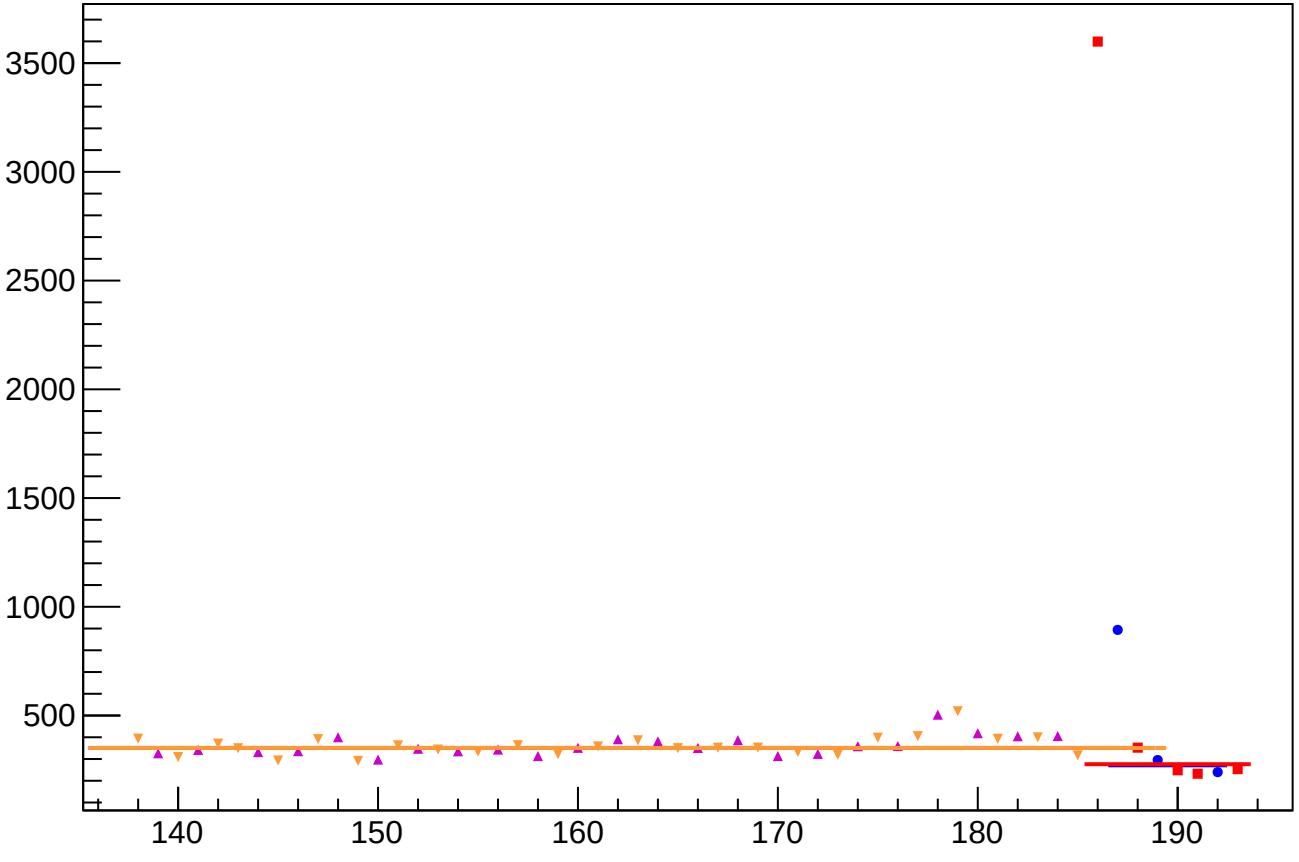
Right: 42.790+/-157.075 χ^2/NDF: 6.1/7

In: 68.640+/-80.764 χ^2/NDF:35.2/25

Out: -156.855+/-75.844 χ^2/NDF:26.4/29

All: -51.185+/-55.288 χ^2/NDF: 65.8/55

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 271.105+/-0.199 χ^2/NDF: 165075.8/2

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 276.131+/-0.134 χ^2/NDF: 741341.0/4

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

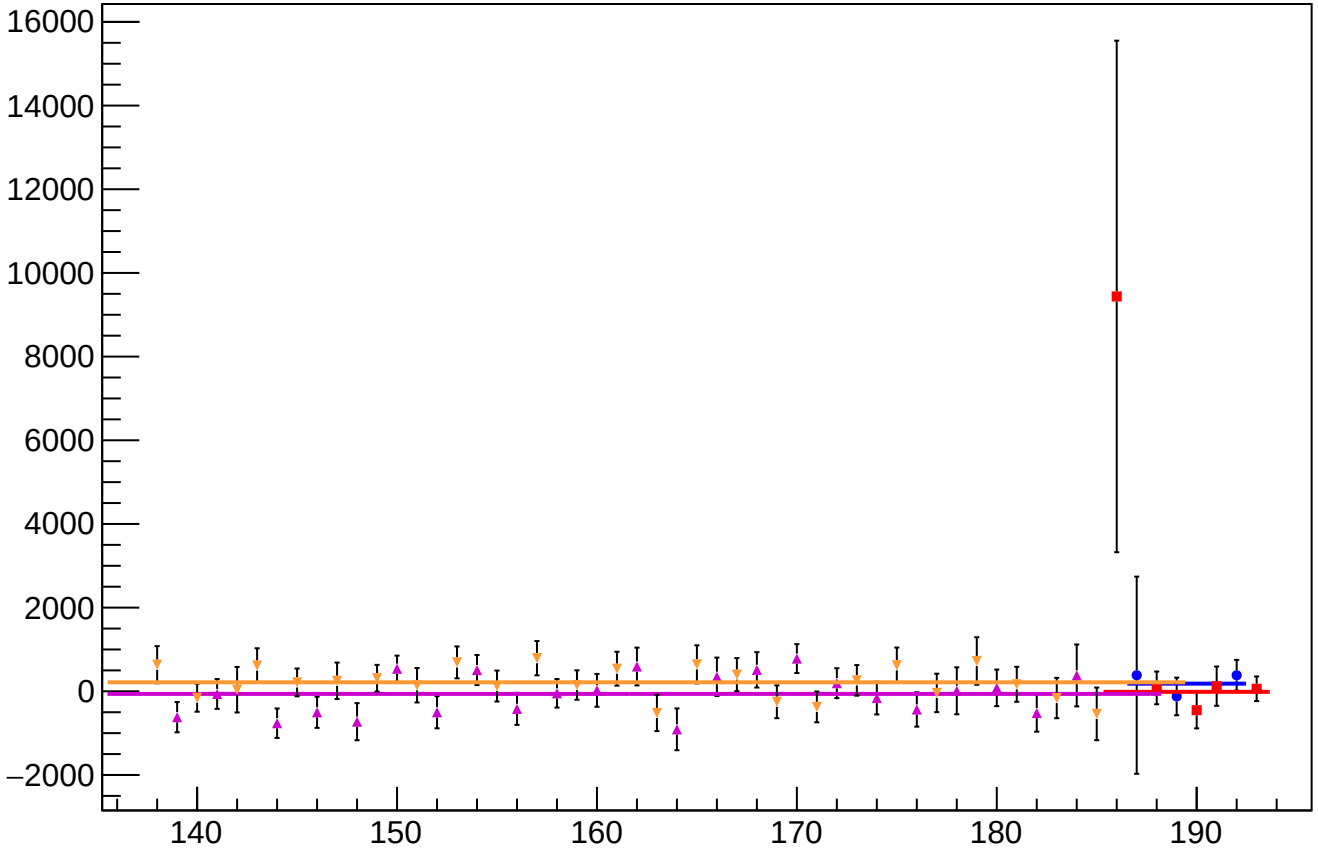
Right: 274.566+/-0.111 χ^2/NDF: 906855.9/7

In: 344.372+/-0.057 χ^2/NDF:737602.4/25

Out: 338.796+/-0.054 χ^2/NDF:1508732.5/29

All: 341.409+/-0.039 χ^2/NDF: 2251401.2/55

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 183.347+/-282.539 χ^2/NDF: 0.8/2

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -12.502+/-189.099 χ^2/NDF: 3.6/4

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

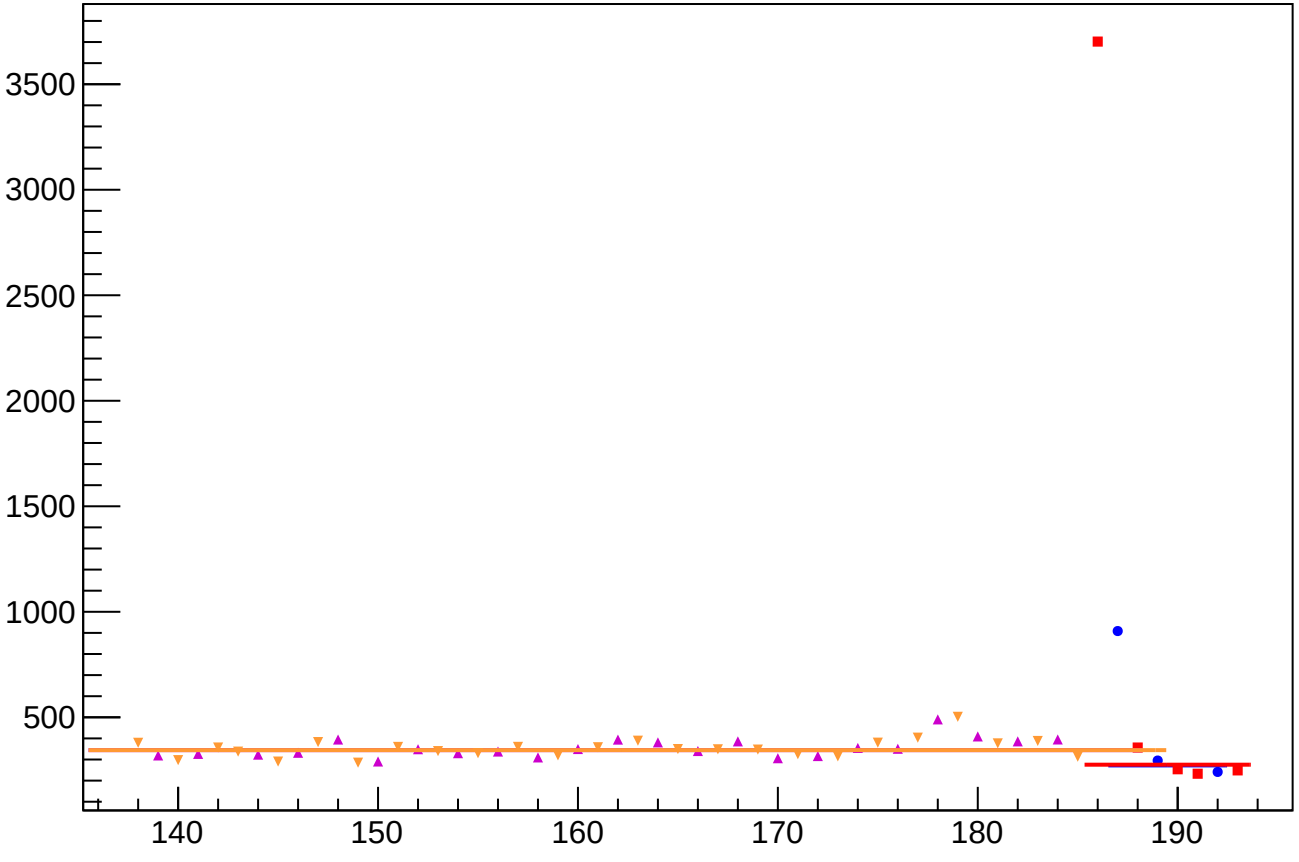
Right: 48.087+/-157.150 χ^2/NDF: 4.7/7

In: -42.330+/-79.495 χ^2/NDF:36.4/25

Out: 179.737+/-74.639 χ^2/NDF:24.4/29

All: 75.692+/-54.413 χ^2/NDF: 65.0/55

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 272.066+/-0.200 χ^2/NDF: 165422.2/2

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 275.465+/-0.134 χ^2/NDF: 753150.1/4

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

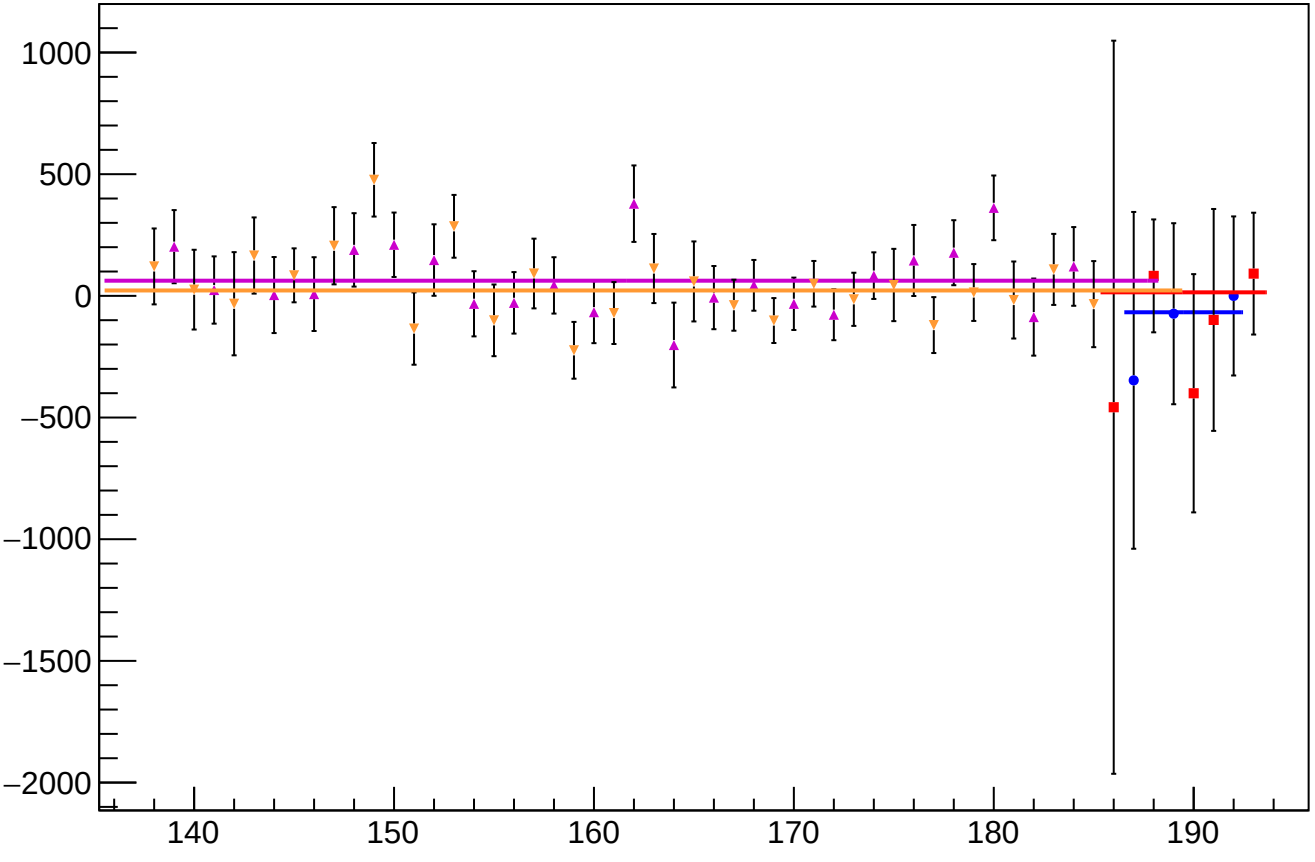
Right: 274.413+/-0.111 χ^2/NDF: 918772.3/7

In: 338.743+/-0.056 χ^2/NDF:719785.3/25

Out: 333.693+/-0.053 χ^2/NDF:1466163.8/29

All: 336.059+/-0.038 χ^2/NDF: 2190238.1/55

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -67.438+/-231.384 χ^2/NDF: 0.2/2

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 14.461+/-150.818 χ^2/NDF: 1.1/4

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

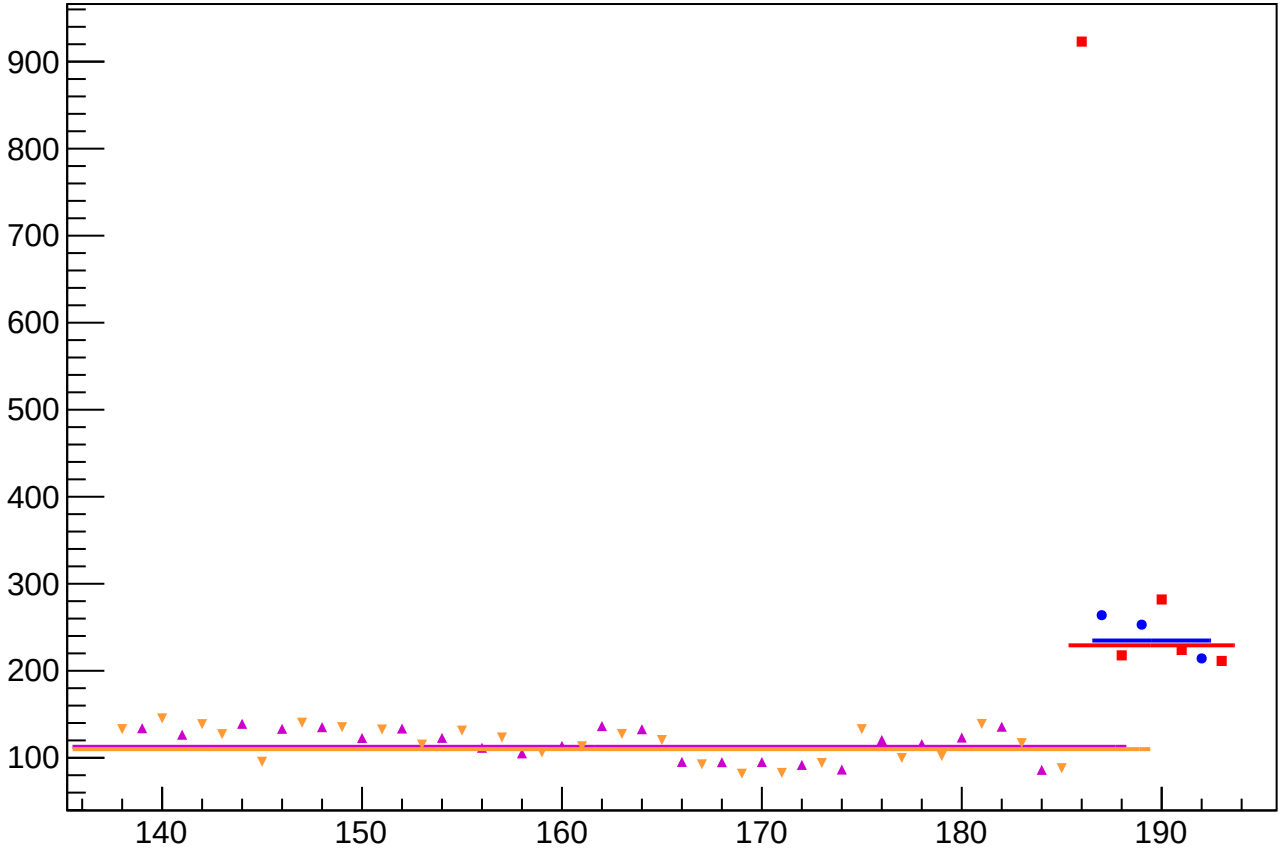
Right: -9.959+/-126.348 χ^2/NDF: 1.4/7

In: 60.516+/-27.208 χ^2/NDF:22.5/25

Out: 21.937+/-25.894 χ^2/NDF:29.1/29

All: 40.272+/-18.757 χ^2/NDF: 52.7/55

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 234.777+/-0.164 χ^2/NDF: 16264.5/2

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 229.254+/-0.107 χ^2/NDF: 462884.0/4

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

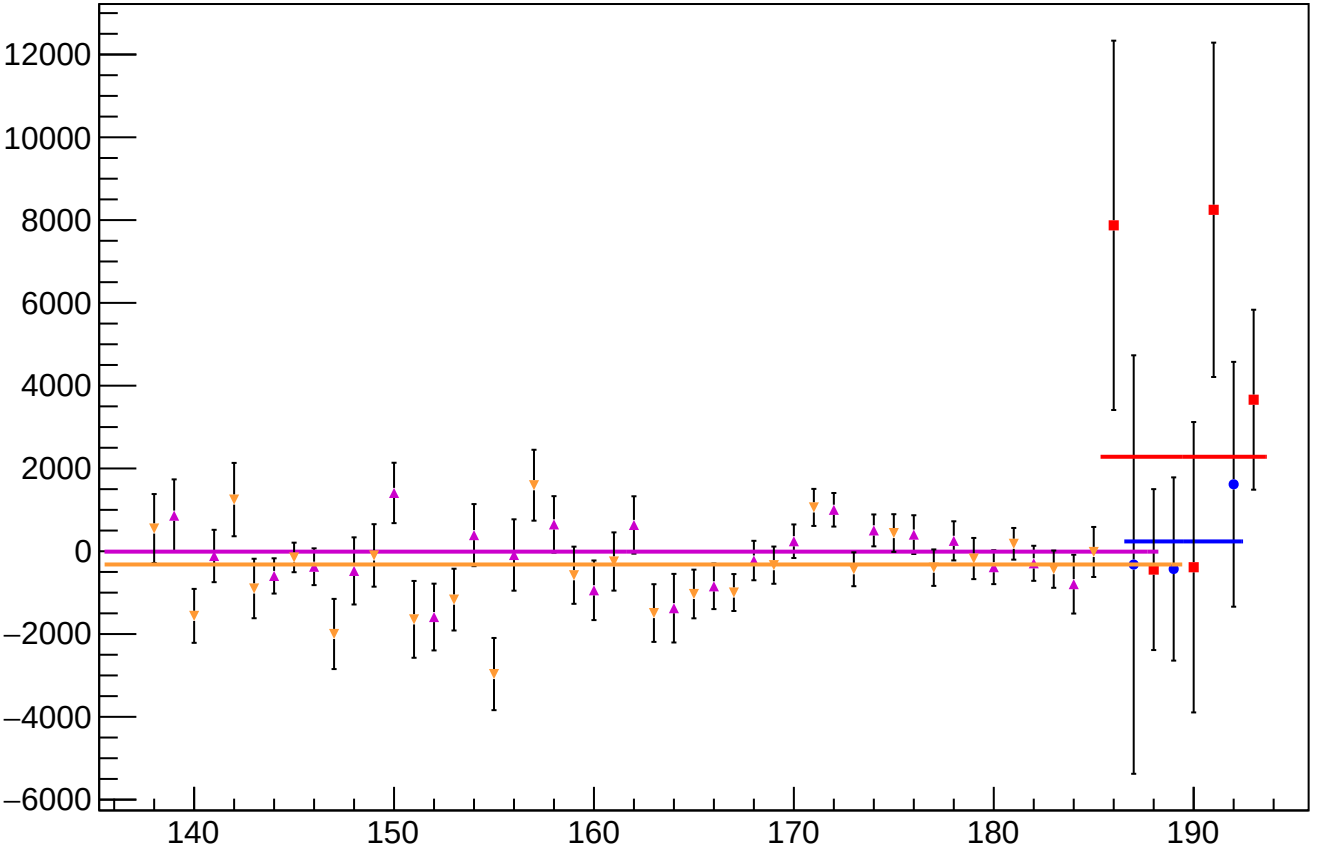
Right: 230.901+/-0.089 χ^2/NDF: 479948.2/7

In: 114.346+/-0.019 χ^2/NDF:1401497.9/25

Out: 113.469+/-0.018 χ^2/NDF:2818077.6/29

All: 113.886+/-0.013 χ^2/NDF: 4220664.3/55

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 237.435+/-1672.191 χ^2/NDF: 0.3/2

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 2282.473+/-1222.404 χ^2/NDF: 6.7/4

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

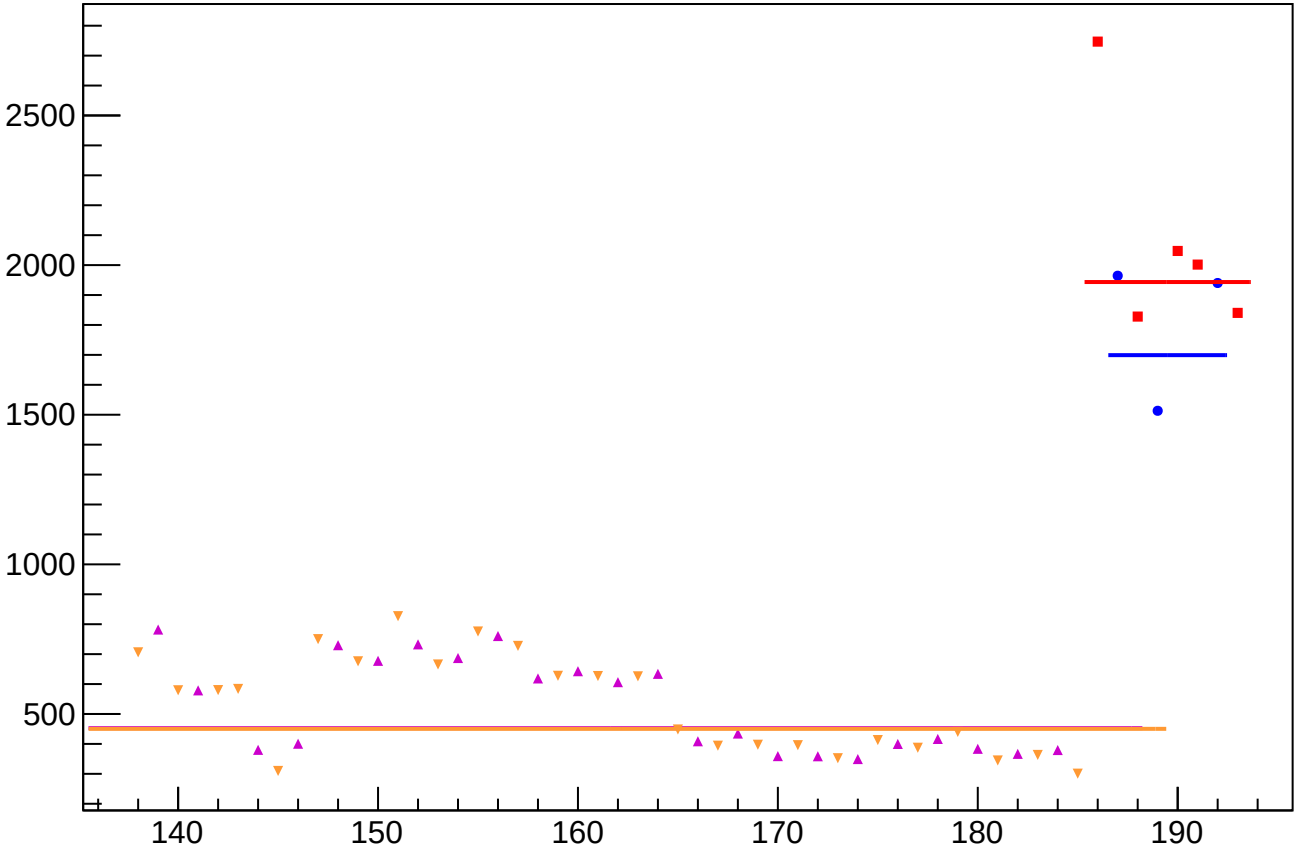
Right: 1570.237+/-986.841 χ^2/NDF: 8.0/7

In: -8.353+/-112.087 χ^2/NDF:32.8/25

Out: -298.376+/-109.859 χ^2/NDF:62.7/29

All: -156.276+/-78.458 χ^2/NDF: 99.0/55

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1699.111+/-1.182 χ^2/NDF: 32919.6/2

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1943.435+/-0.864 χ^2/NDF: 78589.2/4

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

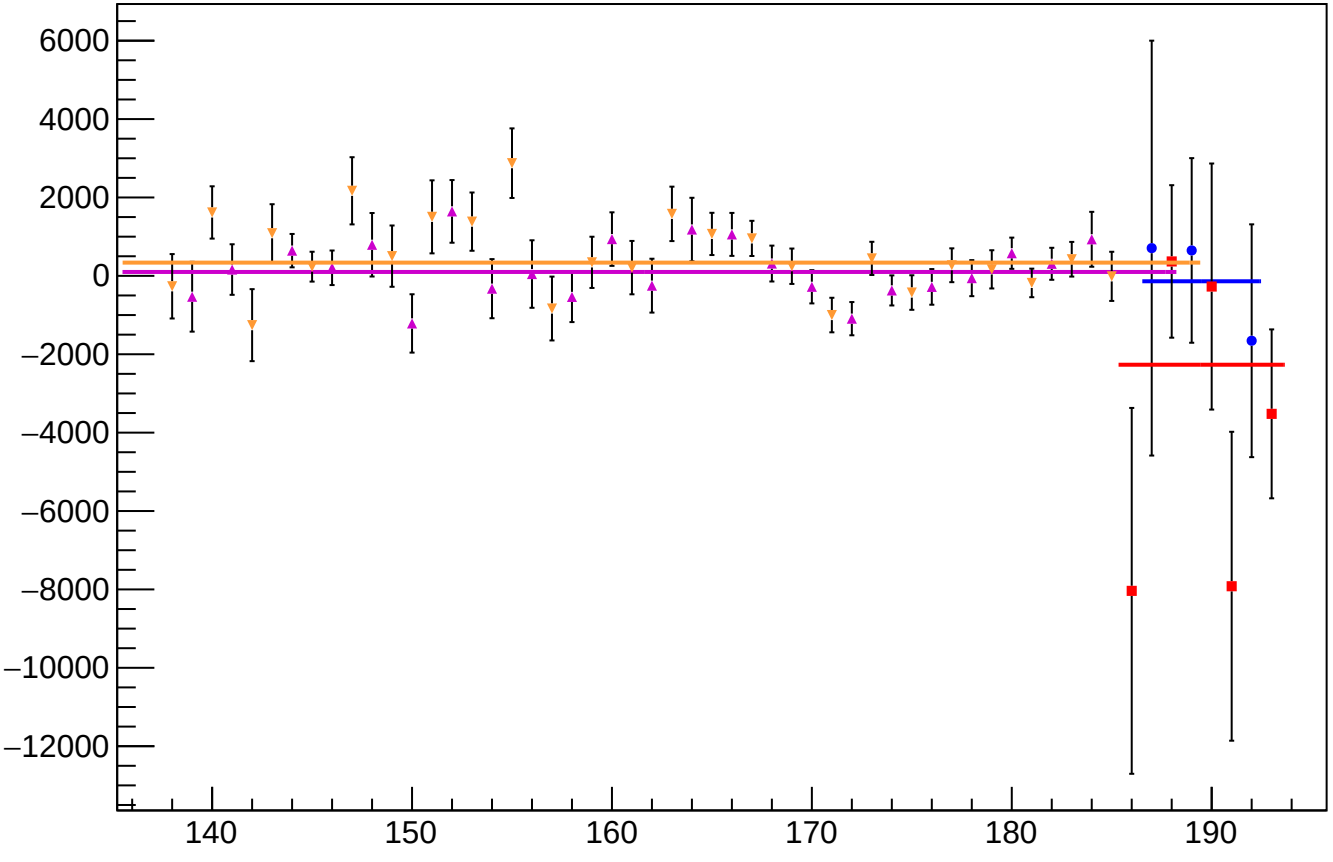
Right: 1858.343+/-0.698 χ^2/NDF: 139335.2/7

In: 458.294+/-0.079 χ^2/NDF:3725139.4/25

Out: 462.422+/-0.078 χ^2/NDF:6134674.7/29

All: 460.400+/-0.055 χ^2/NDF: 9861197.7/55

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -138.085+/-1742.492 χ^2/NDF: 0.4/2

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -2267.352+/-1202.702 χ^2/NDF: 6.2/4

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

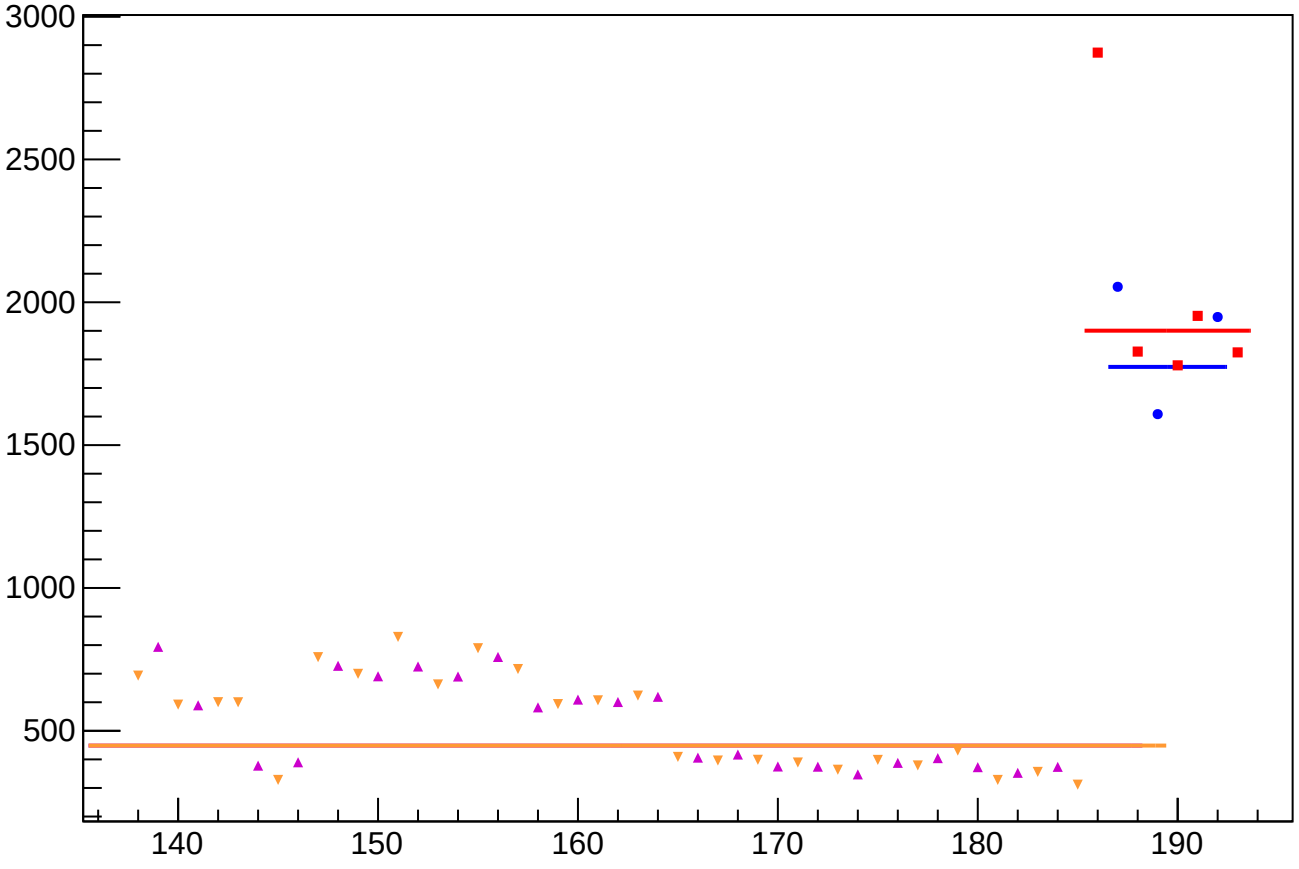
Right: -1580.284+/-989.818 χ^2/NDF: 7.6/7

In: 98.507+/-111.248 χ^2/NDF:32.5/25

Out: 316.401+/-109.376 χ^2/NDF:59.4/29

All: 209.302+/-77.994 χ^2/NDF: 93.8/55

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1773.781+/-1.232 χ^2/NDF: 22381.3/2

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1900.578+/-0.850 χ^2/NDF: 95611.2/4

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

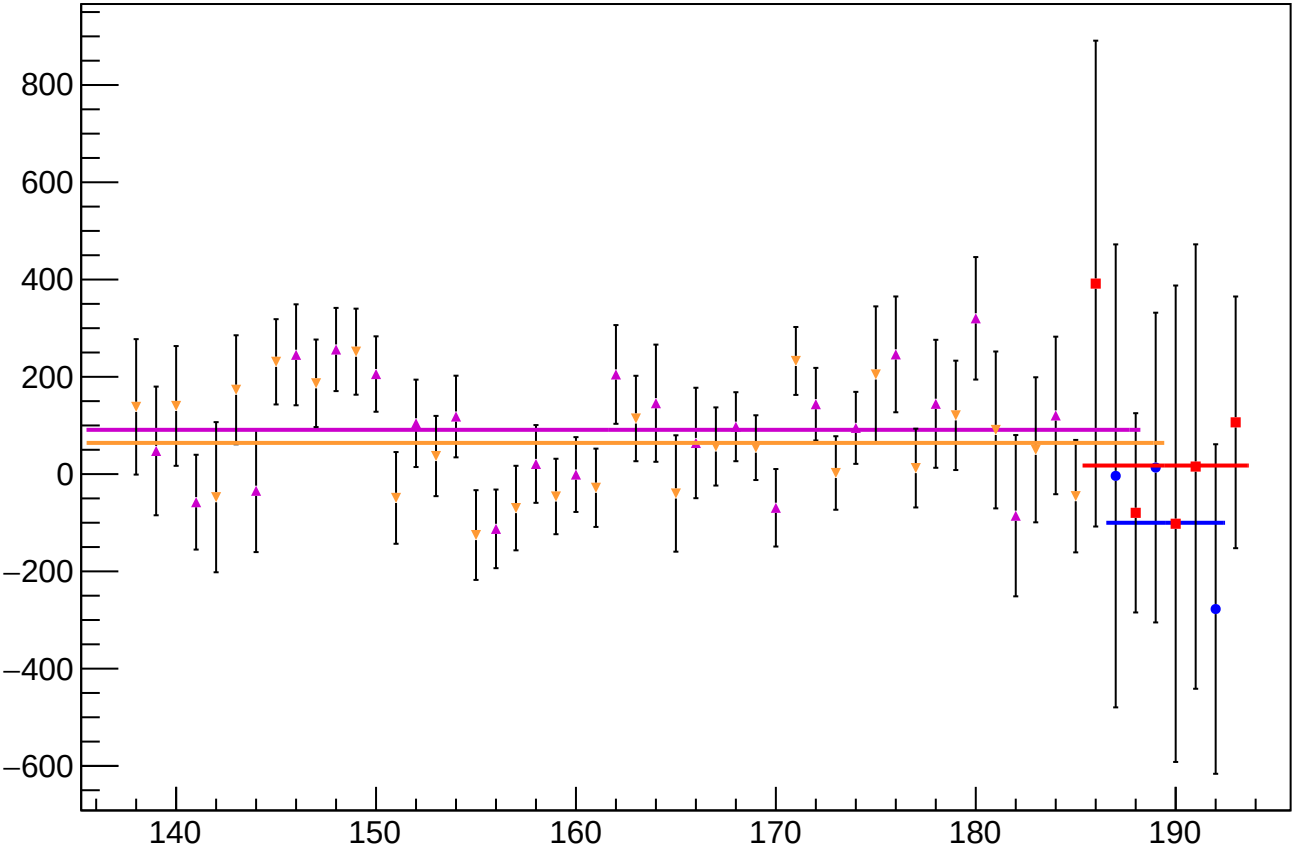
Right: 1859.664+/-0.700 χ^2/NDF: 125165.5/7

In: 453.641+/-0.079 χ^2/NDF:3738498.8/25

Out: 460.407+/-0.077 χ^2/NDF:6064467.8/29

All: 457.081+/-0.055 χ^2/NDF: 9806727.6/55

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -100.078+/-208.565 χ^2/NDF: 0.4/2

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 17.609+/-139.036 χ^2/NDF: 1.0/4

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

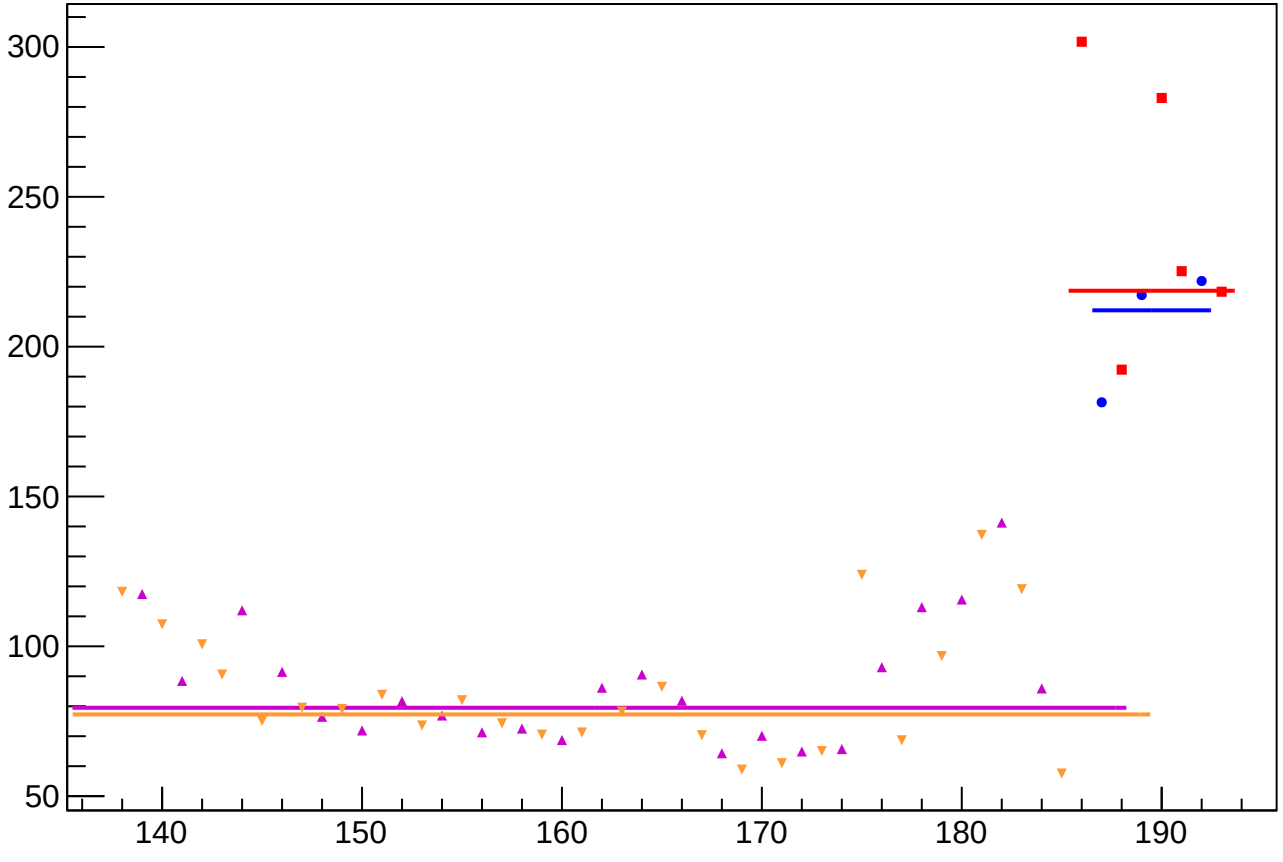
Right: -18.600+/-115.687 χ^2/NDF: 1.6/7

In: 89.349+/-19.551 χ^2/NDF:33.9/25

Out: 63.312+/-18.560 χ^2/NDF:34.9/29

All: 75.654+/-13.461 χ^2/NDF: 69.7/55

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 212.125+/-0.147 χ^2/NDF: 10501.2/2

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 218.665+/-0.098 χ^2/NDF: 123308.1/4

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

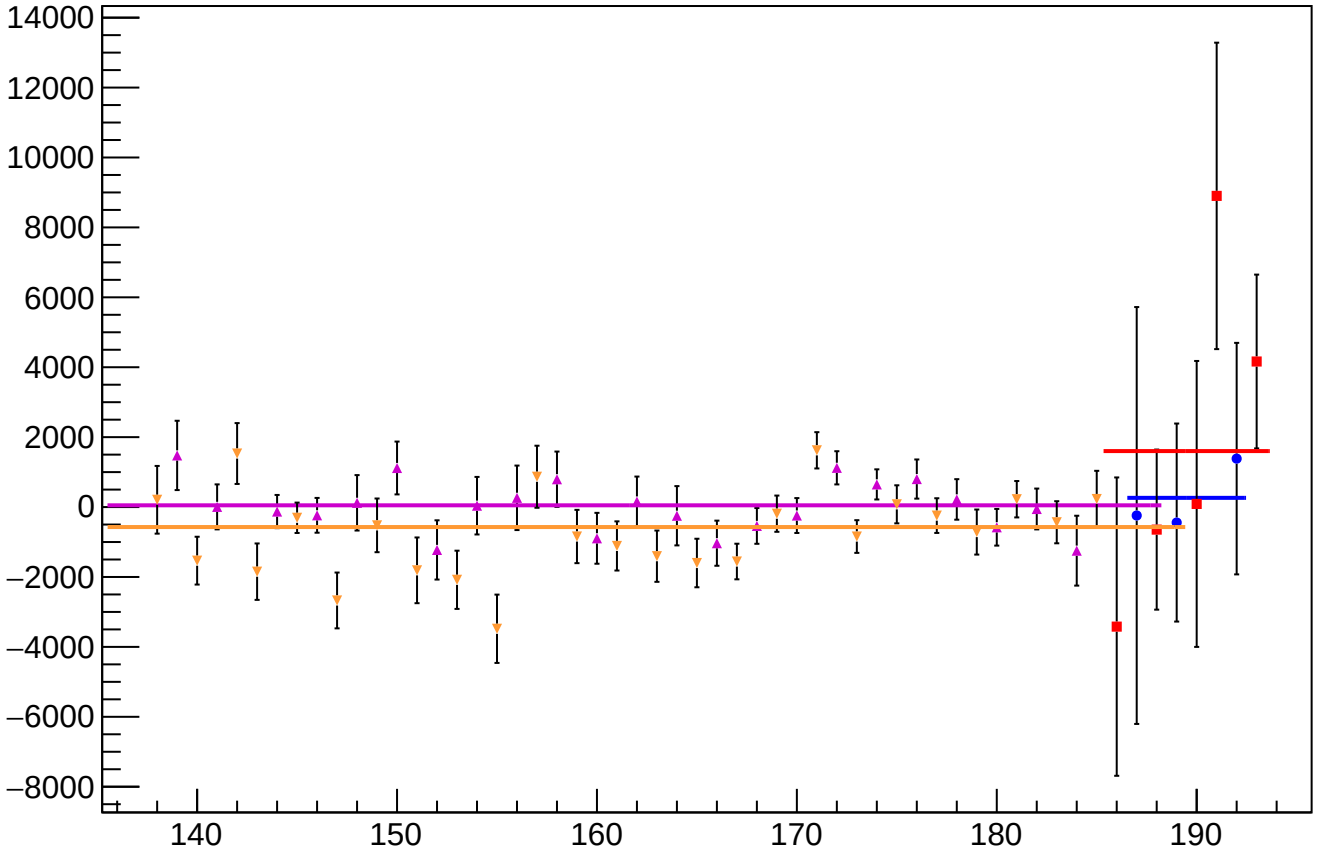
Right: 216.653+/-0.082 χ^2/NDF: 135171.0/7

In: 80.657+/-0.014 χ^2/NDF:2145988.4/25

Out: 79.799+/-0.013 χ^2/NDF:3708018.8/29

All: 80.206+/-0.010 χ^2/NDF: 5856032.7/55

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 263.702+/-2024.631 χ^2/NDF: 0.2/2

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 1601.503+/-1387.630 χ^2/NDF: 6.3/4

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

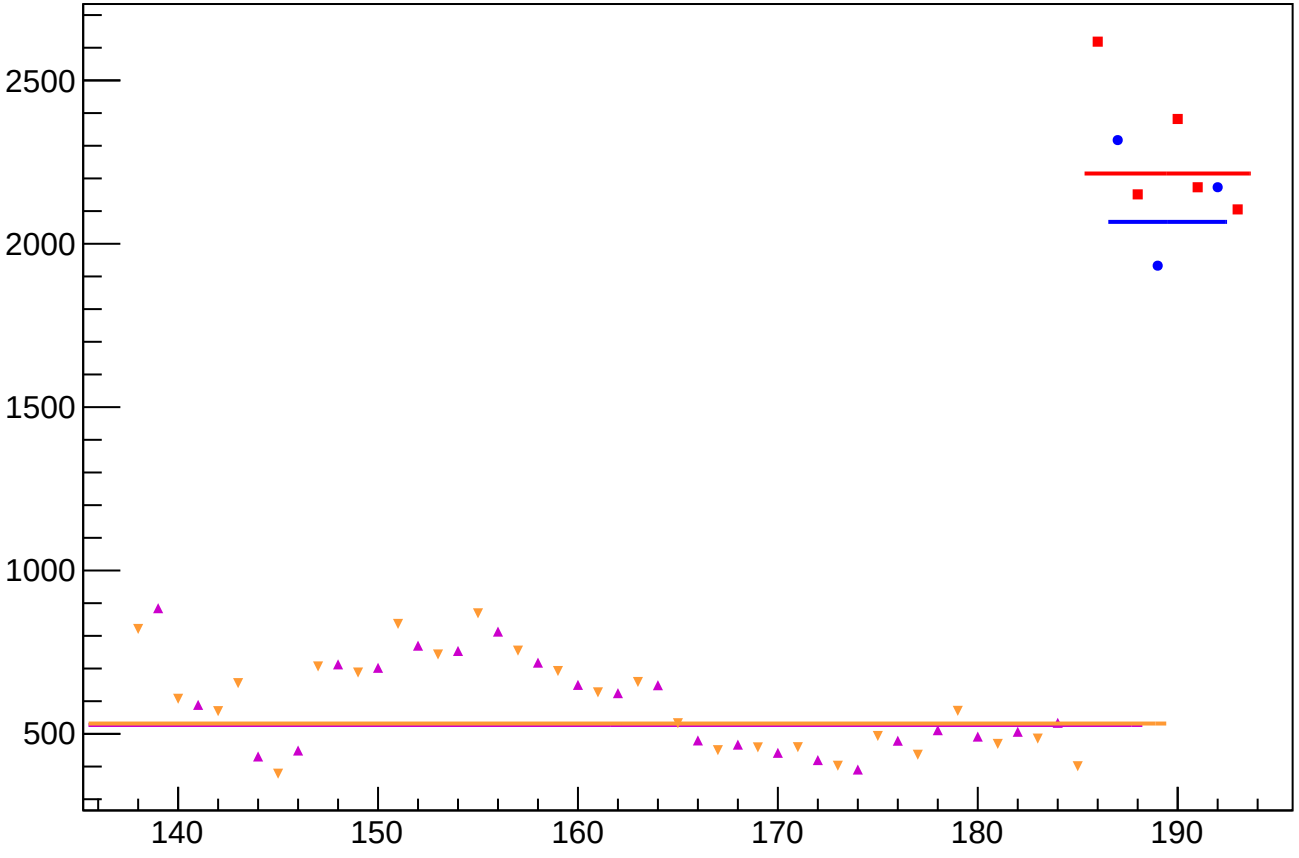
Right: 1173.933+/-1144.600 χ^2/NDF: 6.8/7

In: 50.943+/-128.924 χ^2/NDF:26.3/25

Out: -553.289+/-127.615 χ^2/NDF:75.5/29

All: -254.258+/-90.697 χ^2/NDF: 113.0/55

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 2067.019+/-1.432 χ^2/NDF: 10056.1/2

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2215.041+/-0.981 χ^2/NDF: 26861.1/4

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

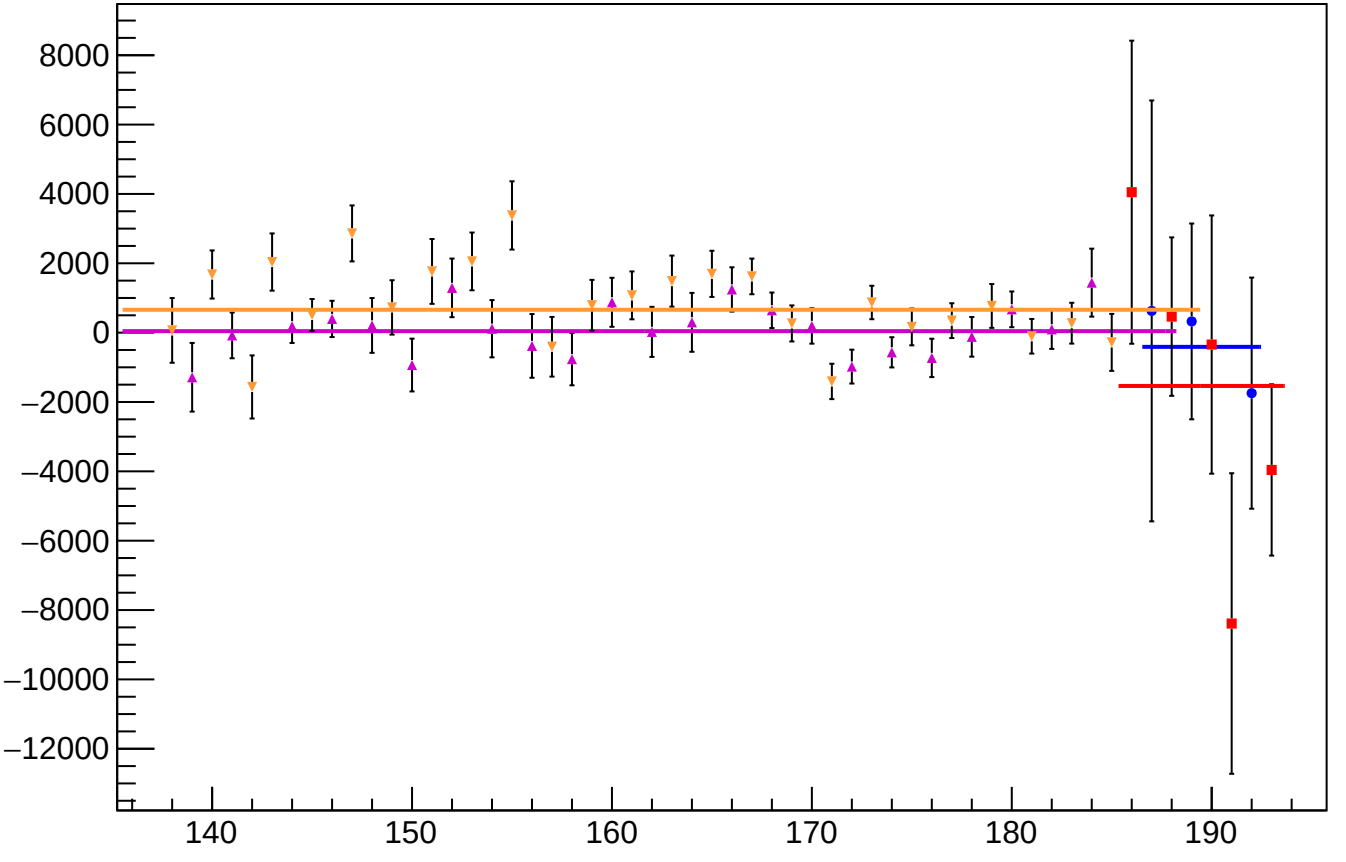
Right: 2167.732+/-0.809 χ^2/NDF: 44190.9/7

In: 533.426+/-0.091 χ^2/NDF:2975627.2/25

Out: 545.881+/-0.090 χ^2/NDF:4983718.3/29

All: 539.717+/-0.064 χ^2/NDF: 7968772.6/55

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -410.139+/-2030.250 χ^2/NDF: 0.3/2

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -1537.366+/-1369.509 χ^2/NDF: 6.0/4

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

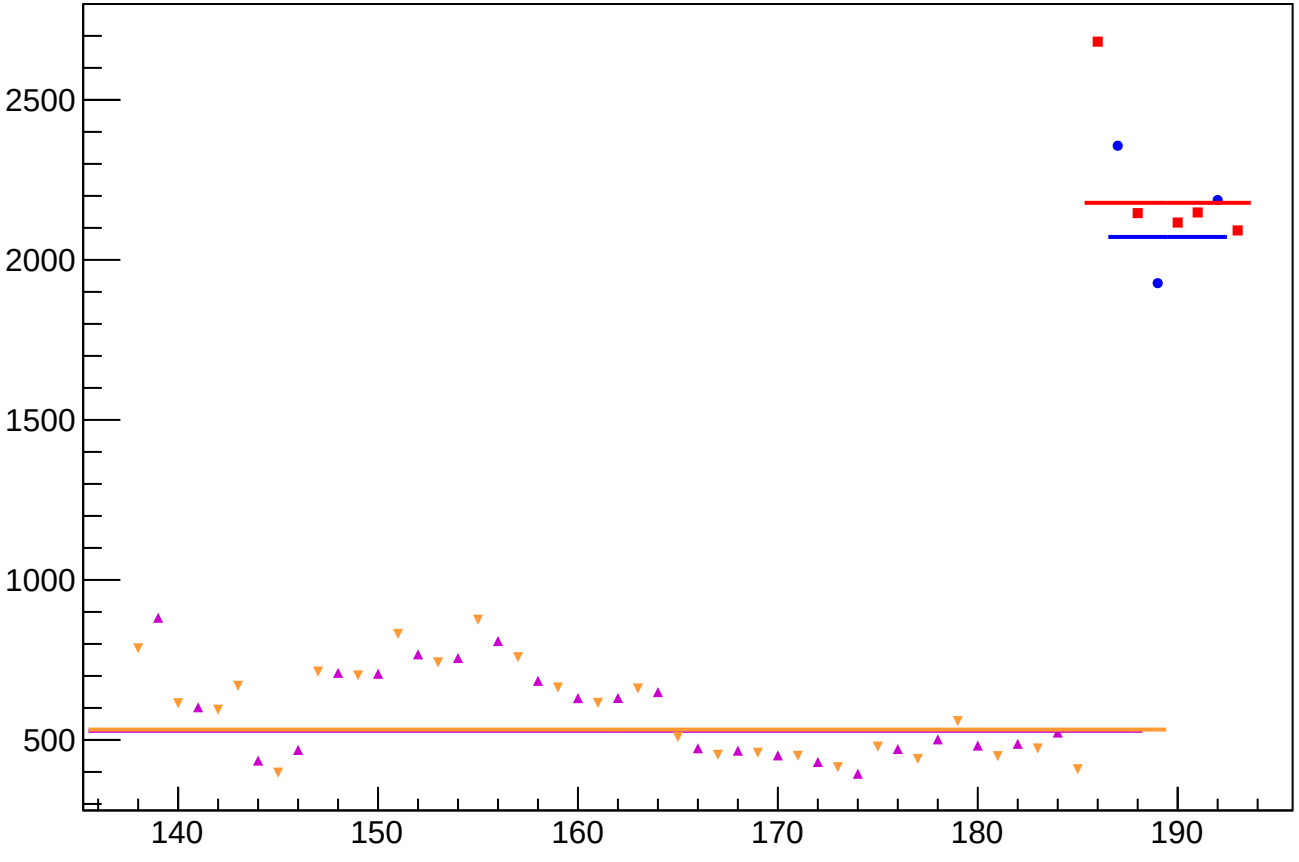
Right: -1184.855+/-1135.351 χ^2/NDF: 6.4/7

In: 41.345+/-129.275 χ^2/NDF:26.3/25

Out: 640.450+/-127.607 χ^2/NDF:70.9/29

All: 344.788+/-90.816 χ^2/NDF: 108.2/55

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2071.694+/-1.436 χ^2/NDF: 12038.6/2

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2178.368+/-0.968 χ^2/NDF: 30042.0/4

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

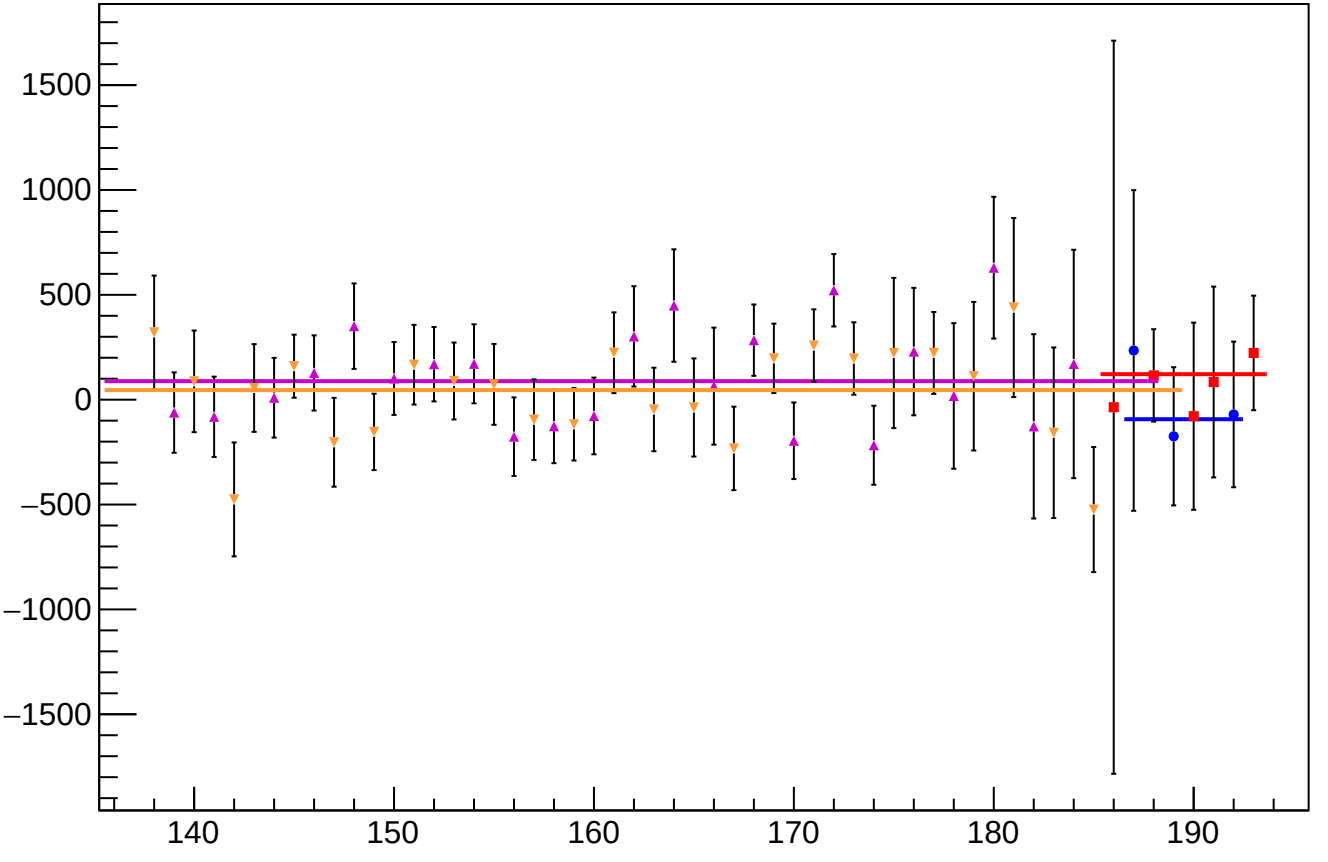
Right: 2145.008+/-0.803 χ^2/NDF: 45875.3/7

In: 534.721+/-0.091 χ^2/NDF:2874960.6/25

Out: 546.683+/-0.090 χ^2/NDF:4837022.5/29

All: 540.780+/-0.064 χ^2/NDF: 7720655.6/55

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -93.131+/-228.107 χ^2/NDF: 0.2/2

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: 121.624+/-150.416 χ^2/NDF: 0.4/4

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

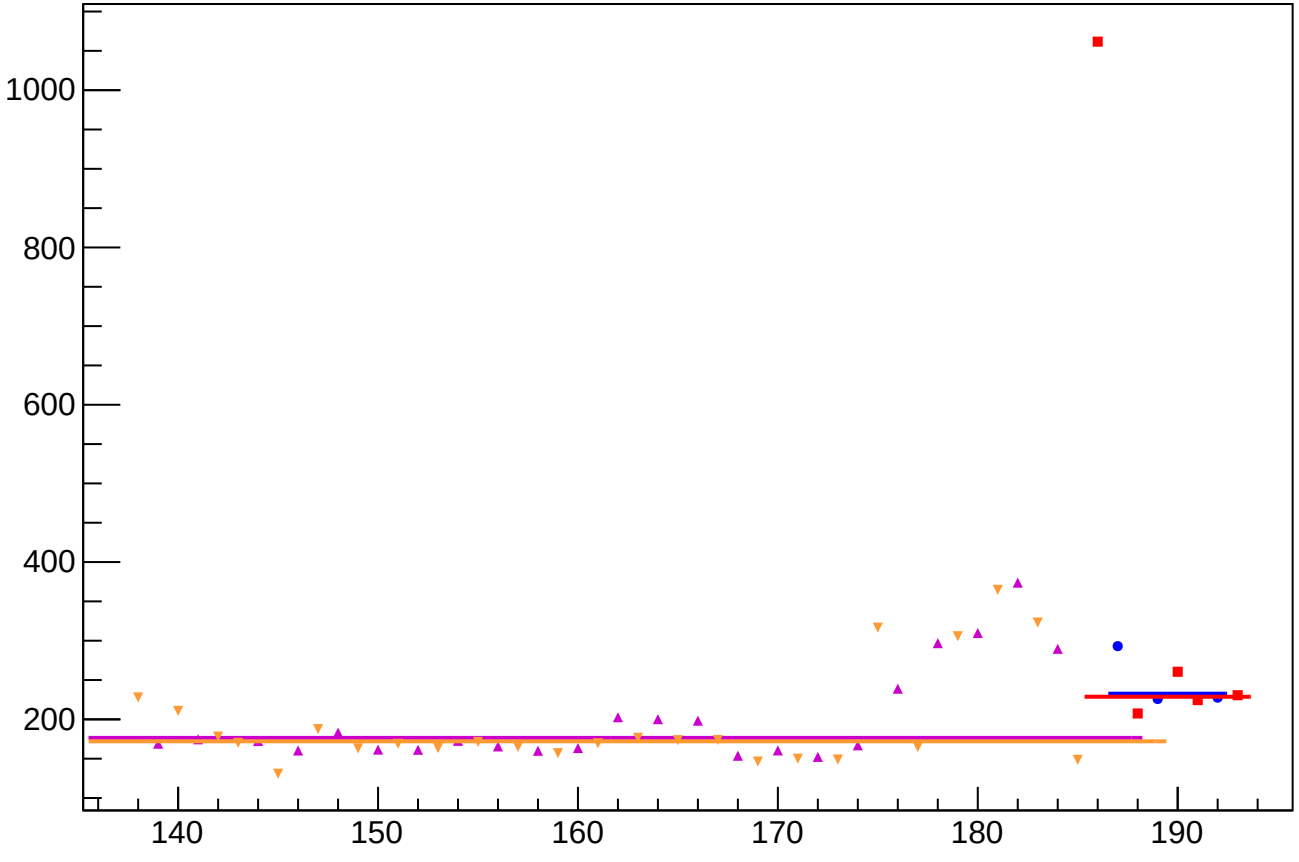
Right: 56.543+/-125.573 χ^2/NDF: 1.2/7

In: 81.982+/-42.747 χ^2/NDF:27.2/25

Out: 51.115+/-40.255 χ^2/NDF:22.5/29

All: 65.622+/-29.306 χ^2/NDF: 50.0/55

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 232.618+/-0.161 χ^2/NDF: 13757.7/2

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 228.744+/-0.106 χ^2/NDF: 483238.7/4

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

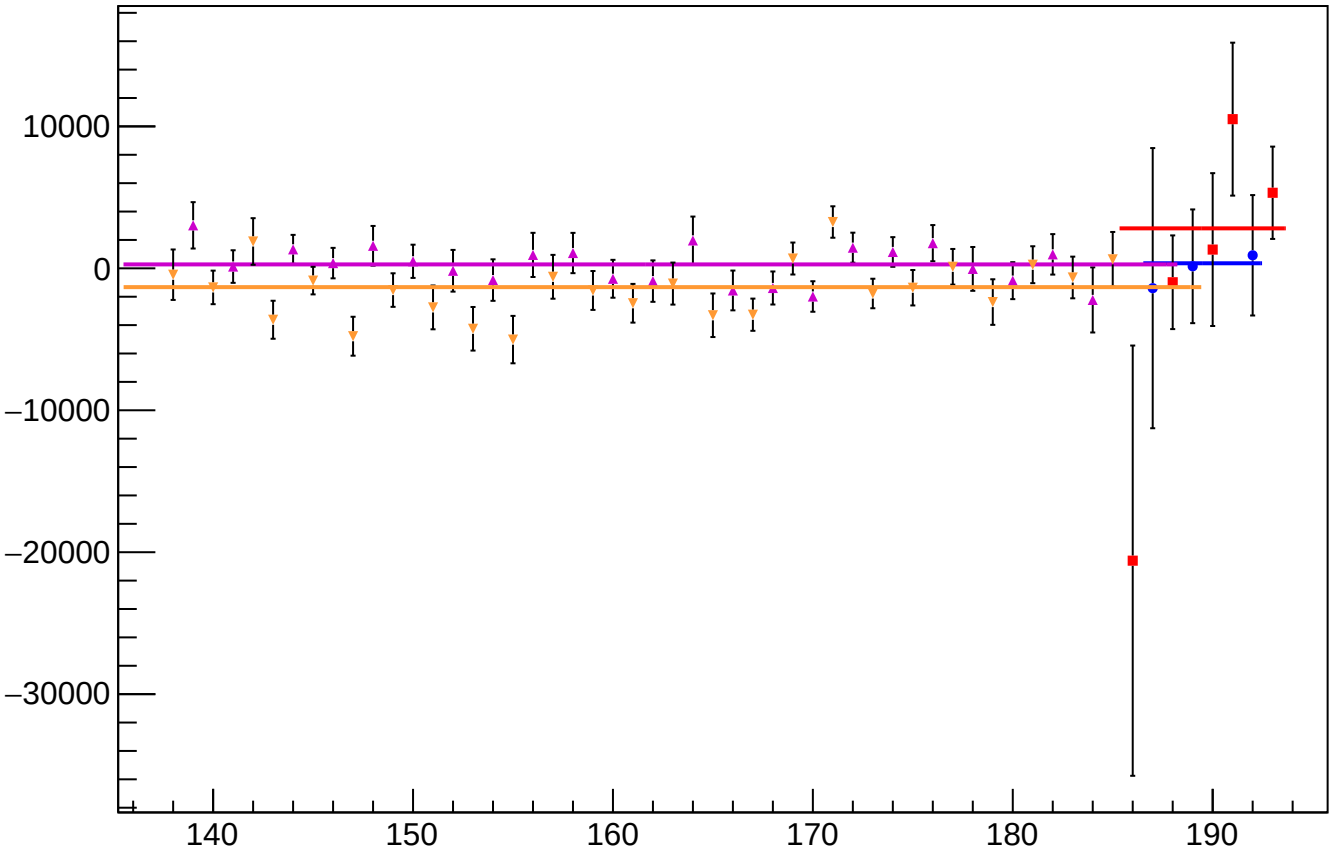
Right: 229.918+/-0.089 χ^2/NDF: 497398.5/7

In: 178.398+/-0.030 χ^2/NDF:1491476.2/25

Out: 176.154+/-0.028 χ^2/NDF:2499082.0/29

All: 177.209+/-0.021 χ^2/NDF: 3993480.0/55

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 356.413+/-2793.484 χ^2/NDF: 0.1/2

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 2816.060+/-1962.466 χ^2/NDF: 6.4/4

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

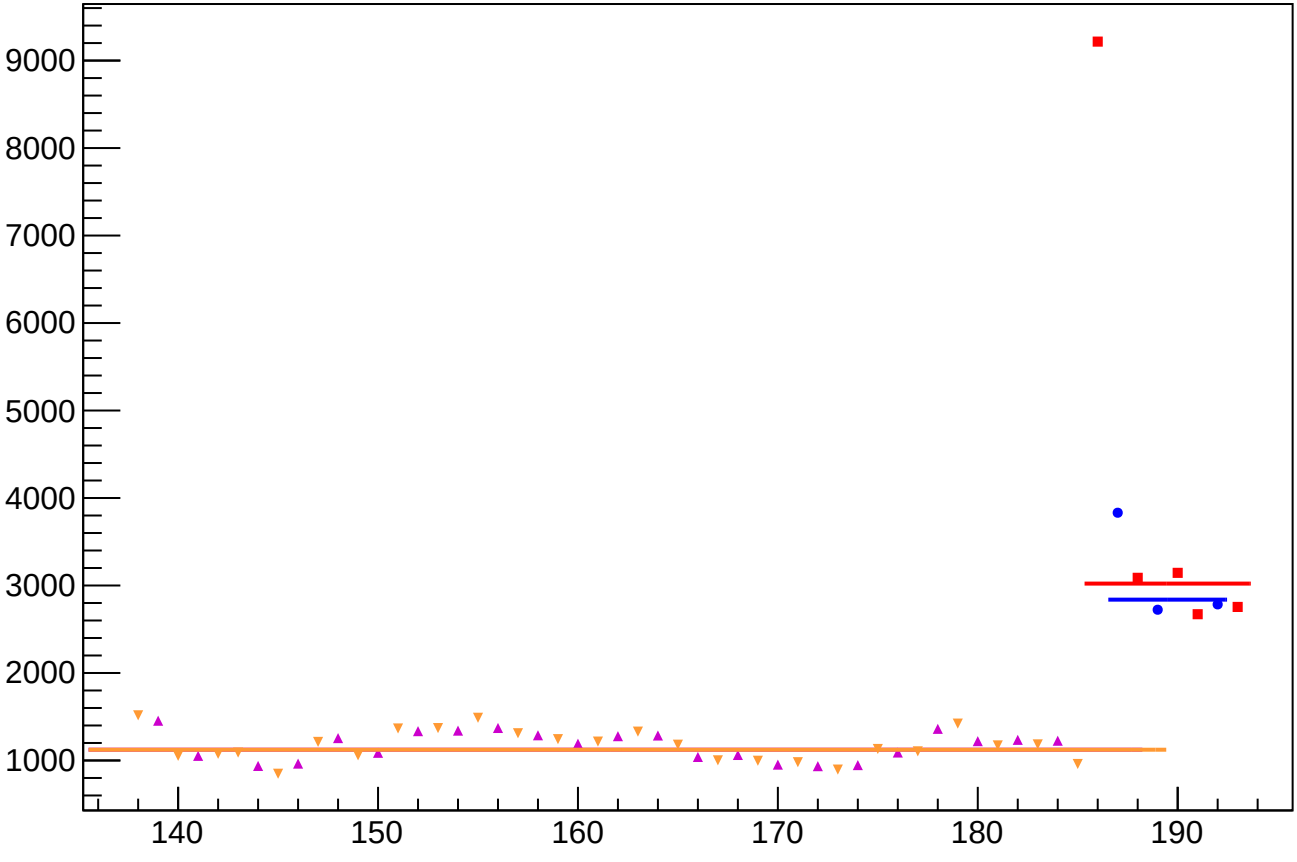
Right: 2003.283+/-1605.815 χ^2/NDF: 7.0/7

In: 277.419+/-269.287 χ^2/NDF:22.1/25

Out: -1249.698+/-263.541 χ^2/NDF:64.4/29

All: -502.606+/-188.350 χ^2/NDF: 102.9/55

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 2838.298+/-1.975 χ^2/NDF: 22249.5/2

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 3021.777+/-1.388 χ^2/NDF: 357878.4/4

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

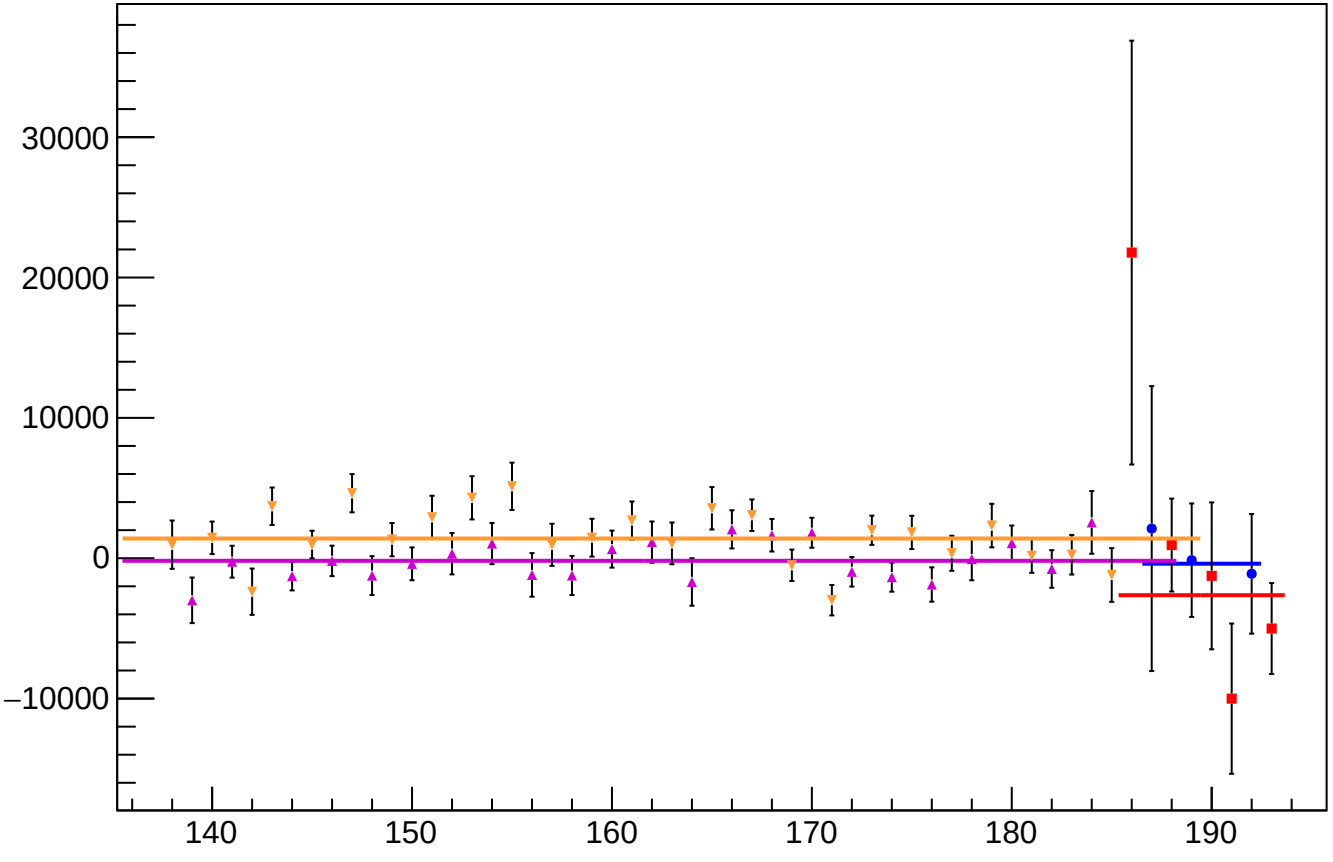
Right: 2961.147+/-1.135 χ^2/NDF: 385904.8/7

In: 1139.086+/-0.190 χ^2/NDF:1458970.6/25

Out: 1157.264+/-0.186 χ^2/NDF:3038755.5/29

All: 1148.371+/-0.133 χ^2/NDF: 4502381.3/55

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -390.454+/-2818.376 χ^2/NDF: 0.1/2

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -2634.318+/-1951.716 χ^2/NDF: 6.3/4

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

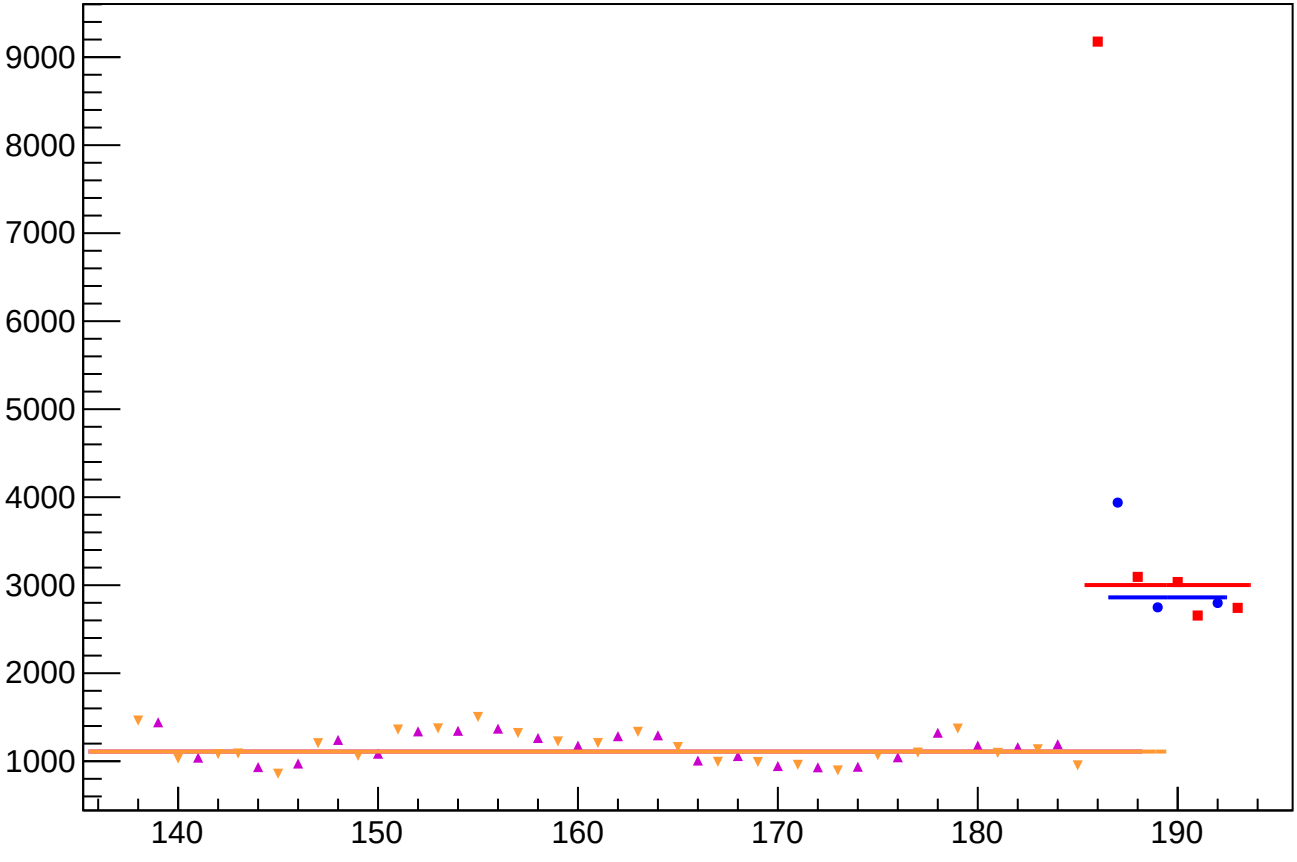
Right: -1907.038+/-1604.544 χ^2/NDF: 6.8/7

In: -185.101+/-266.422 χ^2/NDF:23.8/25

Out: 1332.987+/-260.174 χ^2/NDF:63.6/29

All: 591.951+/-186.140 χ^2/NDF: 104.0/55

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2861.615+/-1.993 χ^2/NDF: 24529.4/2

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 3001.673+/-1.380 χ^2/NDF: 357314.7/4

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

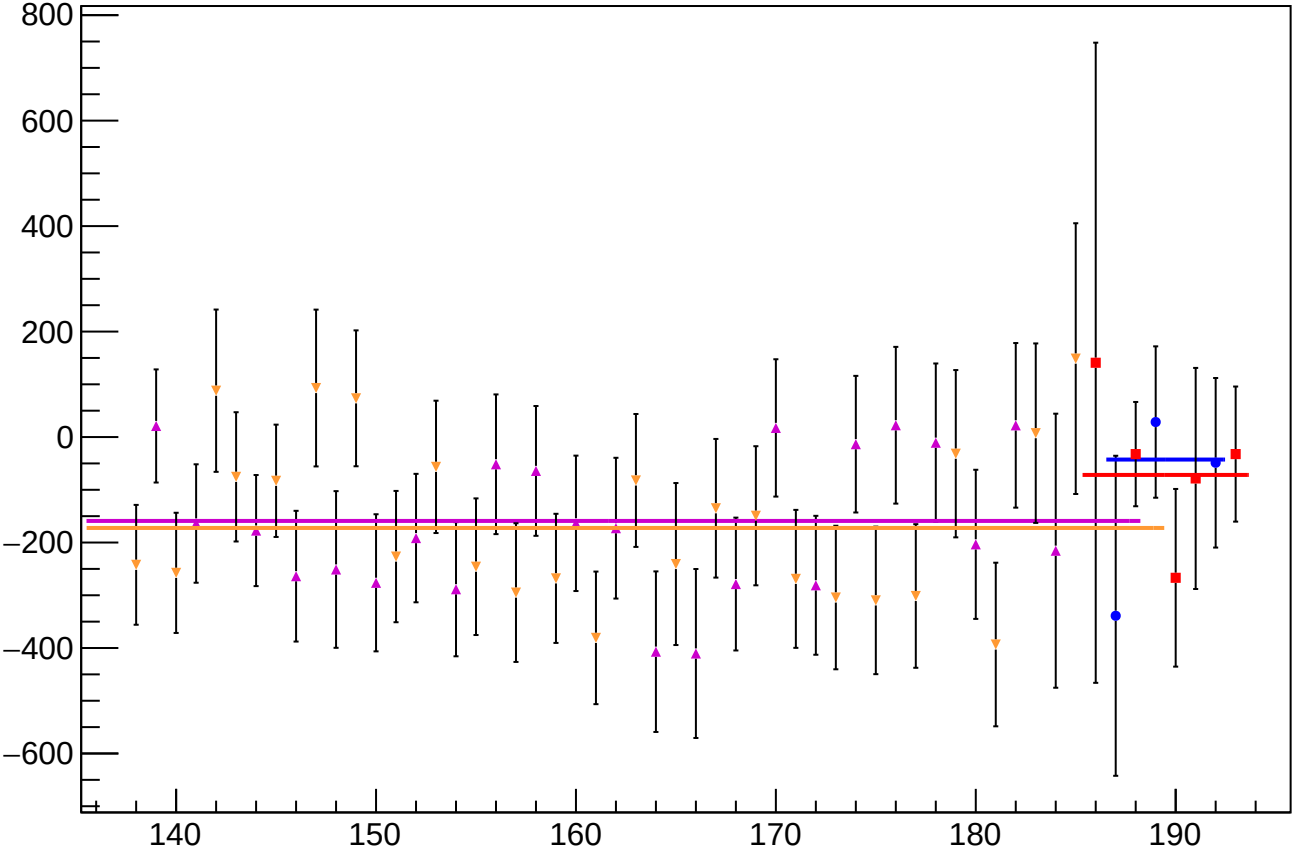
Right: 2956.277+/-1.135 χ^2/NDF: 385182.3/7

In: 1125.813+/-0.188 χ^2/NDF:1463233.3/25

Out: 1143.198+/-0.184 χ^2/NDF:3016551.4/29

All: 1134.712+/-0.132 χ^2/NDF: 4484143.5/55

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -42.663+/-100.954 χ^2/NDF: 1.2/2

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: -71.813+/-66.820 χ^2/NDF: 1.7/4

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

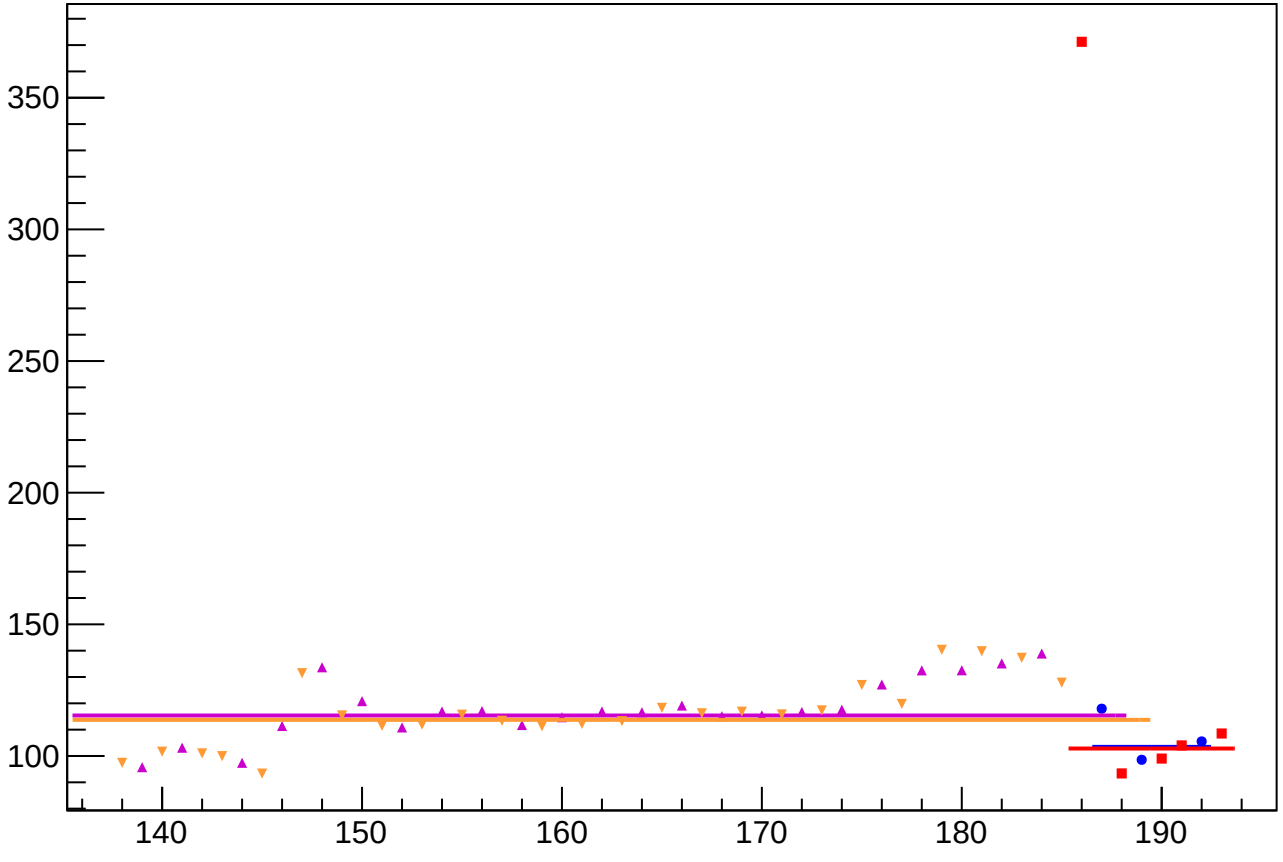
Right: -62.933+/-55.720 χ^2/NDF: 3.0/7

In: -150.946+/-26.630 χ^2/NDF:23.5/25

Out: -158.505+/-24.801 χ^2/NDF:30.9/29

All: -154.994+/-18.149 χ^2/NDF: 54.4/55

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 103.458+/-0.071 χ^2/NDF: 7237.7/2

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 102.839+/-0.047 χ^2/NDF: 414560.0/4

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

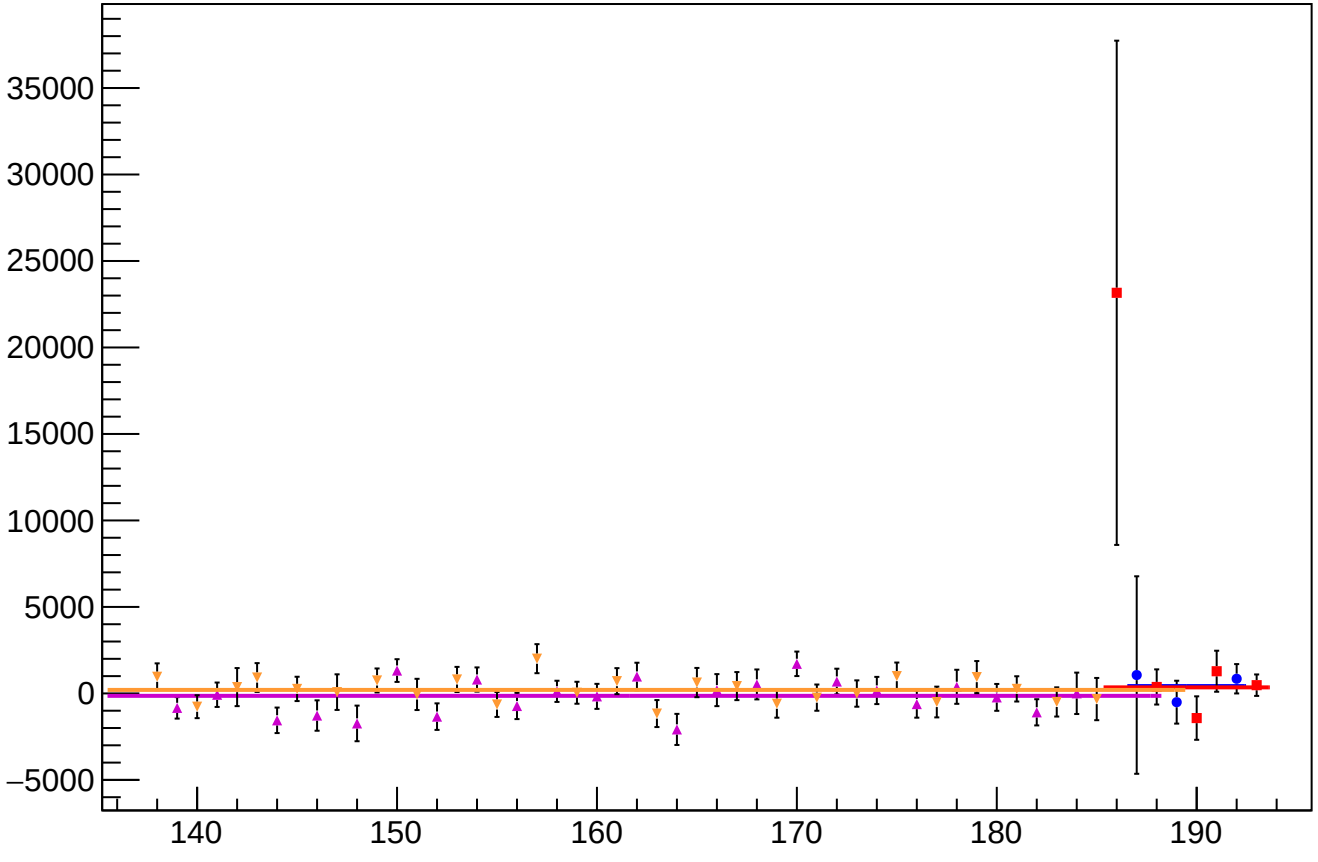
Right: 103.028+/-0.039 χ^2/NDF: 421849.9/7

In: 114.547+/-0.019 χ^2/NDF:342209.6/25

Out: 112.227+/-0.018 χ^2/NDF:852499.8/29

All: 113.305+/-0.013 χ^2/NDF: 1202839.1/55

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 425.005+/-694.844 χ^2/NDF: 0.8/2

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 349.482+/-450.973 χ^2/NDF: 5.1/4

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

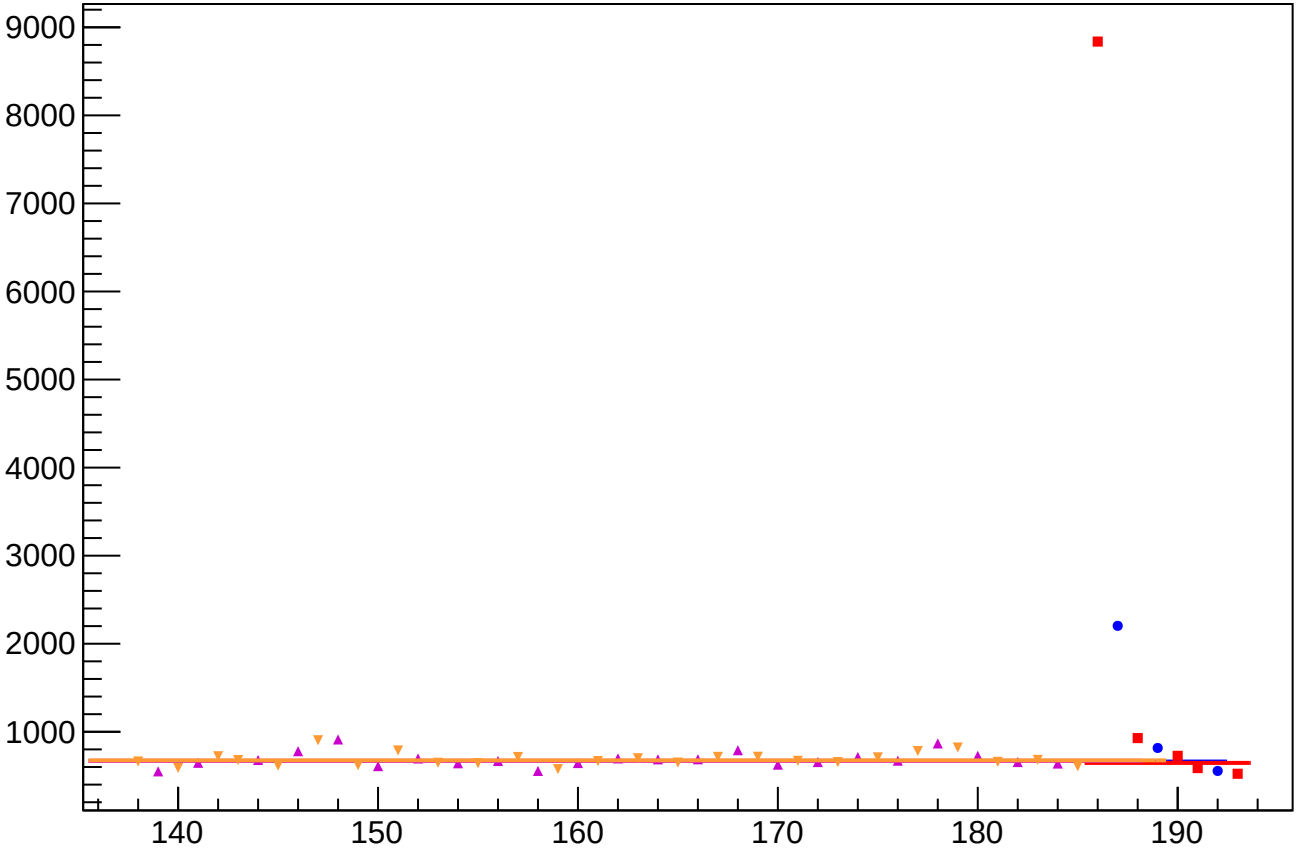
Right: 371.866+/-378.283 χ^2/NDF: 5.9/7

In: -111.240+/-156.867 χ^2/NDF:38.3/25

Out: 218.726+/-149.978 χ^2/NDF:25.0/29

All: 61.147+/-108.404 χ^2/NDF: 65.6/55

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 661.955+/-0.491 χ^2/NDF: 208247.4/2

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 646.564+/-0.319 χ^2/NDF: 877477.7/4

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

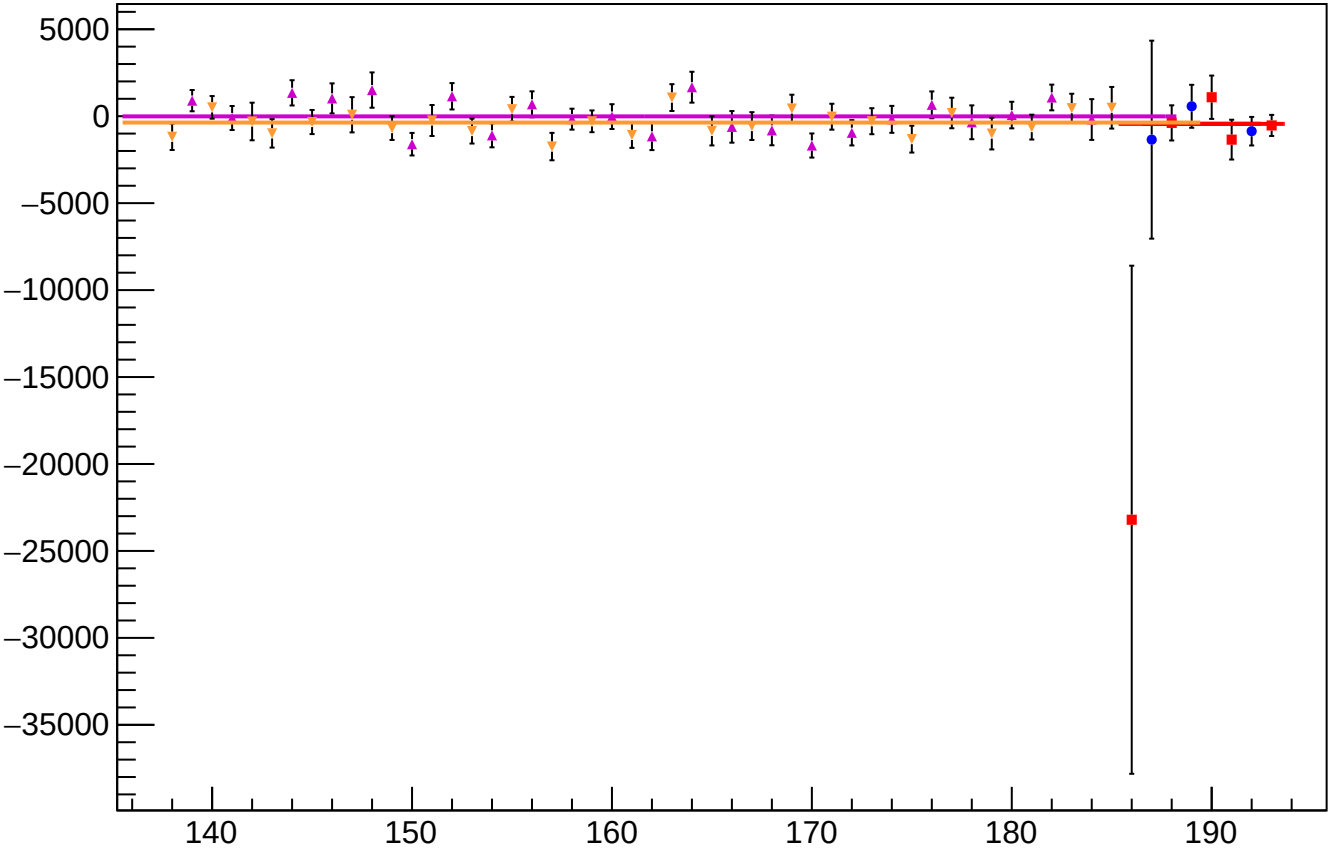
Right: 651.125+/-0.267 χ^2/NDF: 1086415.5/7

In: 669.531+/-0.111 χ^2/NDF:672583.7/25

Out: 672.153+/-0.106 χ^2/NDF:1243431.2/29

All: 670.901+/-0.077 χ^2/NDF: 1916306.8/55

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -436.986+/-678.834 χ^2/NDF: 1.0/2

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -441.735+/-442.344 χ^2/NDF: 4.6/4

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

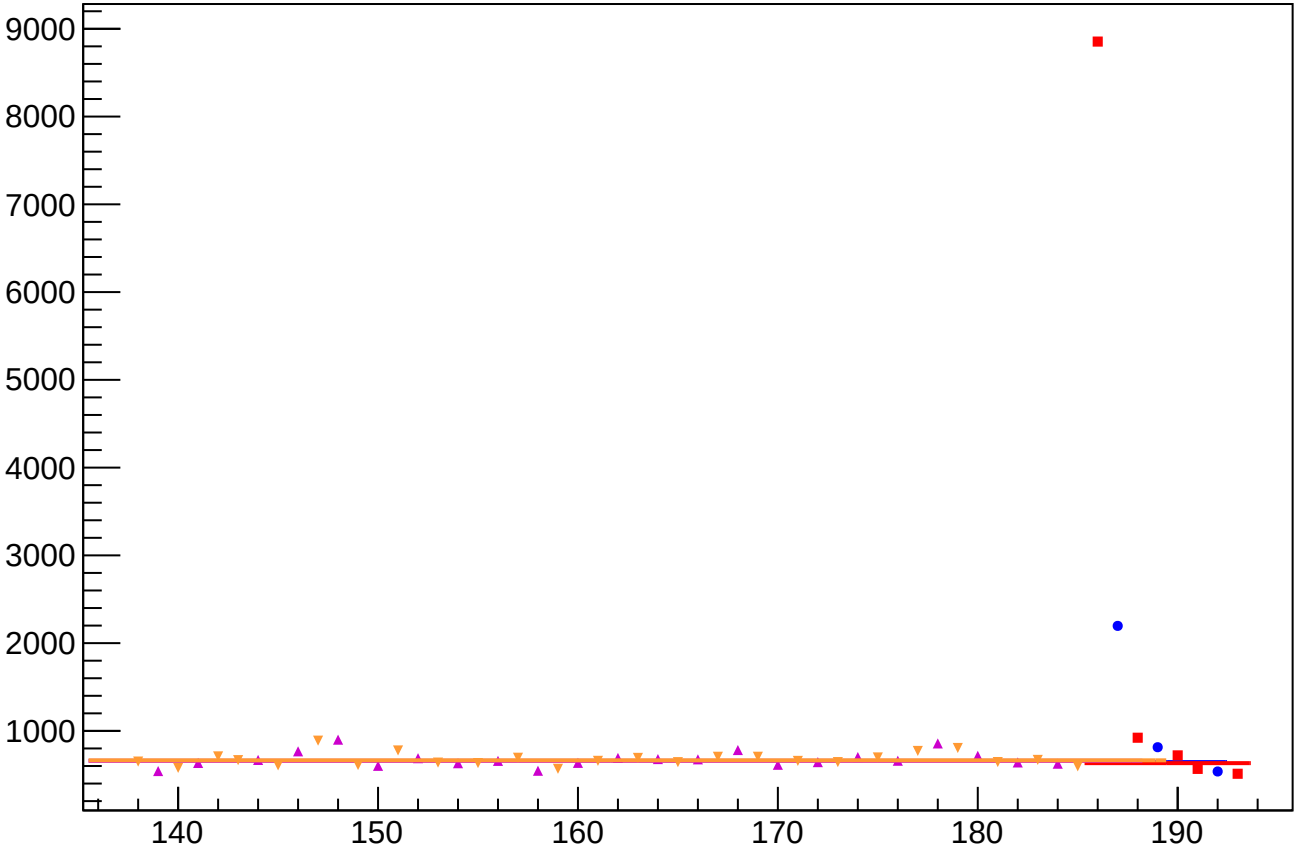
Right: -440.319+/-370.605 χ^2/NDF: 5.6/7

In: -33.253+/-154.346 χ^2/NDF:40.2/25

Out: -373.867+/-147.371 χ^2/NDF:23.4/29

All: -211.429+/-106.588 χ^2/NDF: 66.1/55

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 644.696+/-0.480 χ^2/NDF: 220313.9/2

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 632.664+/-0.313 χ^2/NDF: 893971.7/4

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

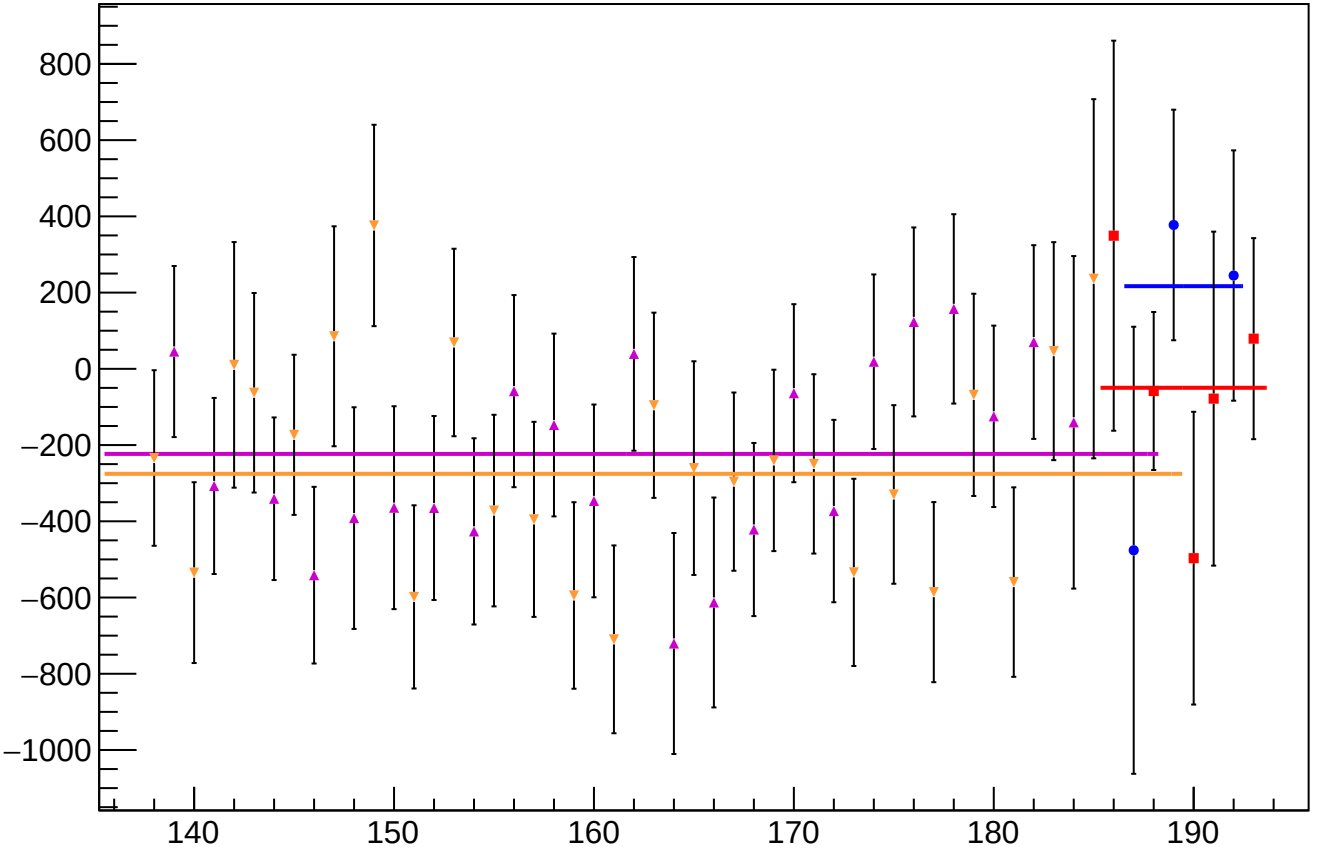
Right: 636.250+/-0.262 χ^2/NDF: 1114726.6/7

In: 658.479+/-0.109 χ^2/NDF:693928.1/25

Out: 661.071+/-0.104 χ^2/NDF:1260214.2/29

All: 659.835+/-0.075 χ^2/NDF: 1954437.6/55

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 216.842+/-208.004 χ^2/NDF: 1.7/2

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: -49.704+/-136.756 χ^2/NDF: 2.2/4

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

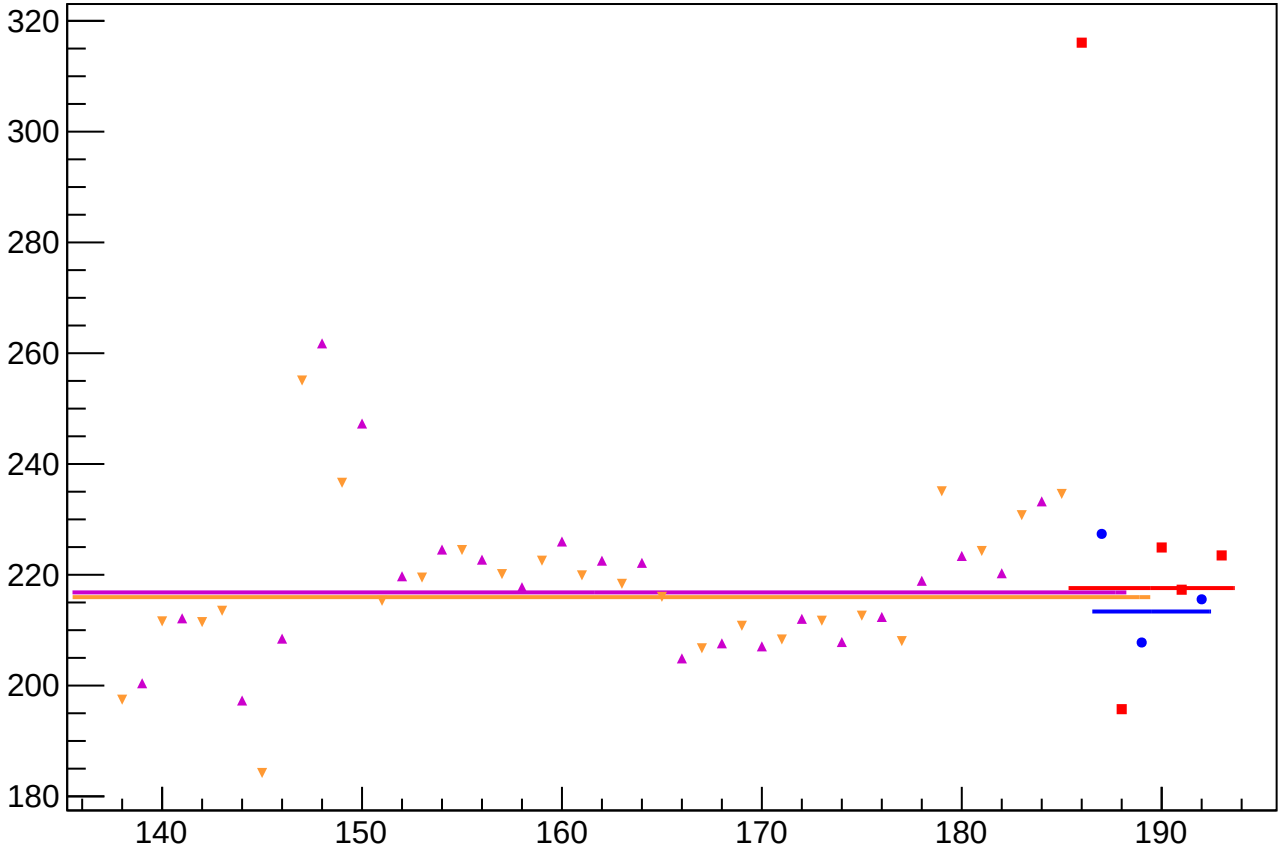
Right: 30.741+/-114.271 χ^2/NDF: 5.0/7

In: -197.553+/-50.211 χ^2/NDF:26.7/25

Out: -248.321+/-47.406 χ^2/NDF:31.9/29

All: -224.395+/-34.470 χ^2/NDF: 59.1/55

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 213.371+/-0.147 χ^2/NDF: 1916.3/2

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 217.601+/-0.097 χ^2/NDF: 98038.1/4

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

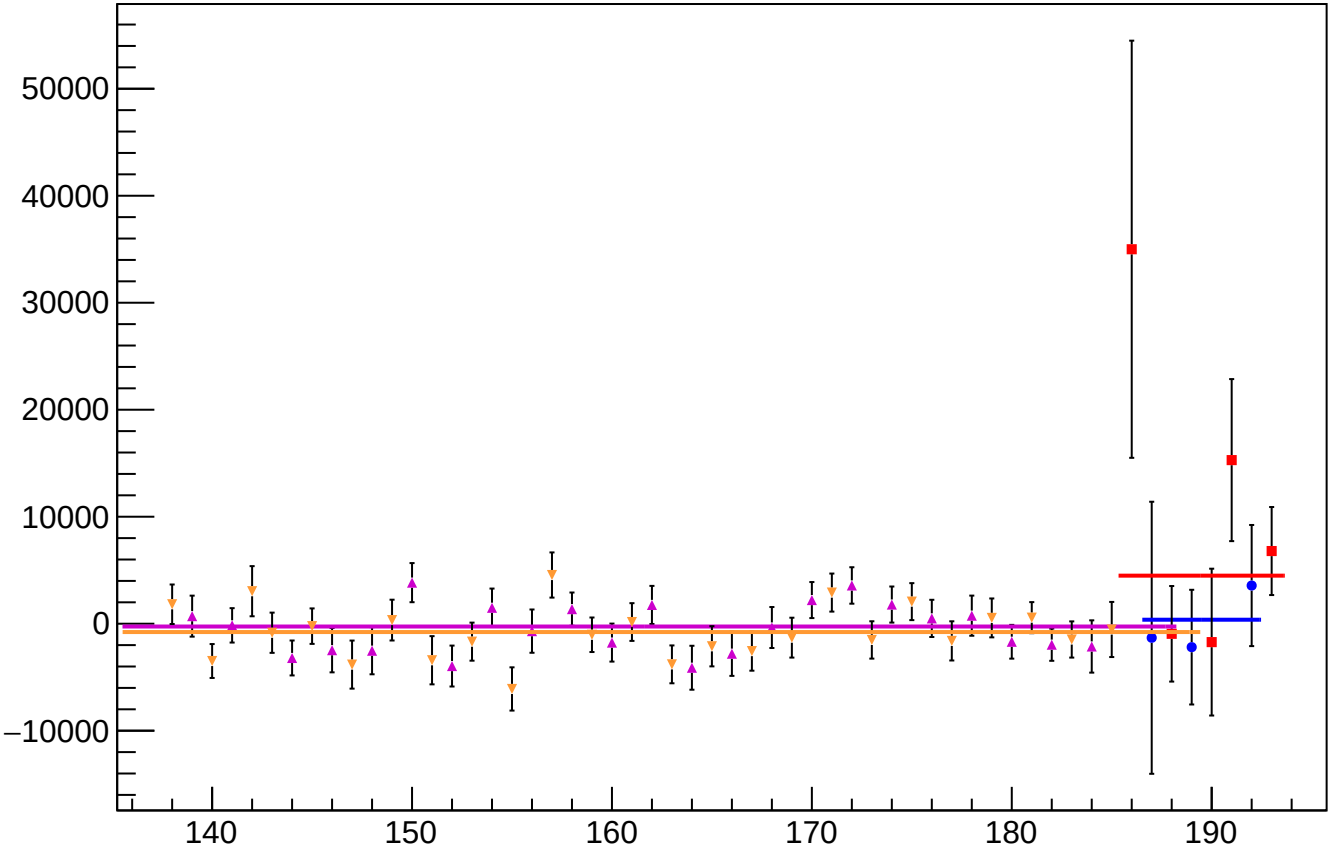
Right: 216.324+/-0.081 χ^2/NDF: 100531.9/7

In: 216.620+/-0.036 χ^2/NDF:134953.5/25

Out: 216.160+/-0.034 χ^2/NDF:243025.4/29

All: 216.377+/-0.024 χ^2/NDF: 378067.7/55

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 373.472+/-3721.445 χ^2/NDF: 0.6/2

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 4491.946+/-2577.140 χ^2/NDF: 7.1/4

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

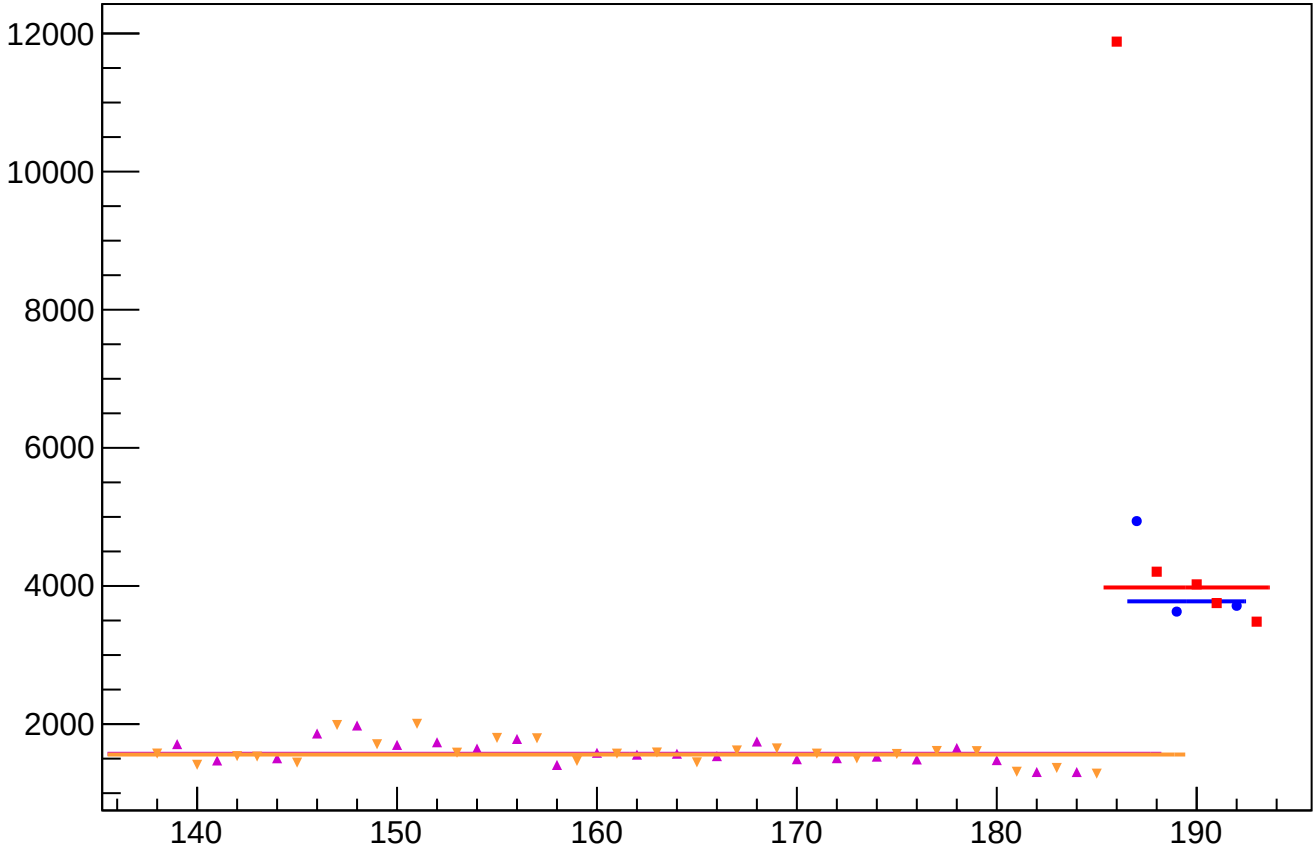
Right: 3157.032+/-2118.703 χ^2/NDF: 8.5/7

In: -255.388+/-374.295 χ^2/NDF:36.0/25

Out: -674.395+/-363.300 χ^2/NDF:49.7/29

All: -471.136+/-260.692 χ^2/NDF: 86.4/55

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3777.437+/-2.631 χ^2/NDF: 18508.1/2

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 3978.409+/-1.822 χ^2/NDF: 364836.5/4

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

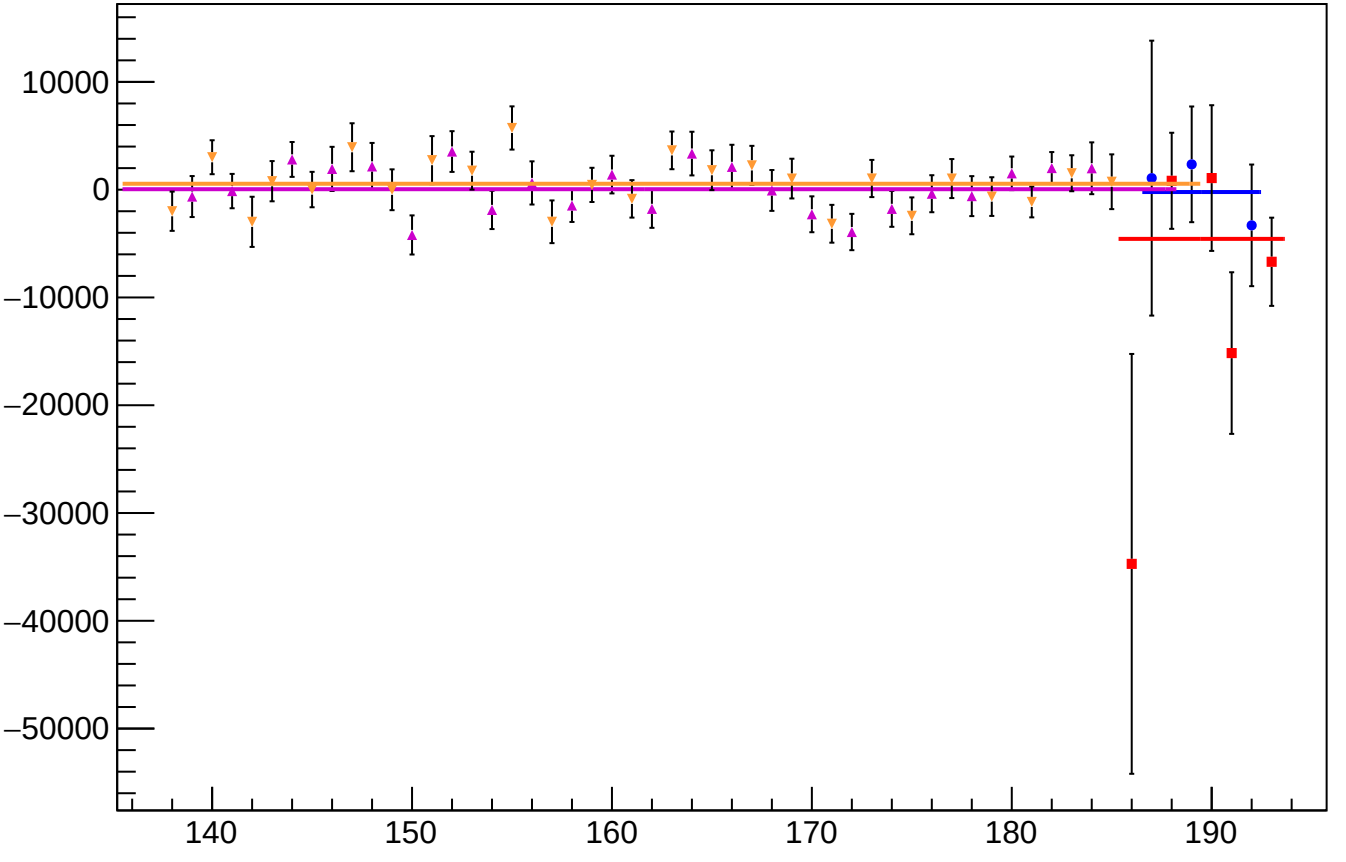
Right: 3913.268+/-1.498 χ^2/NDF: 387286.9/7

In: 1592.657+/-0.265 χ^2/NDF:1044308.8/25

Out: 1607.574+/-0.257 χ^2/NDF:2470923.6/29

All: 1600.338+/-0.184 χ^2/NDF: 3516868.0/55

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -217.377+/-3719.776 χ^2/NDF: 0.5/2

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -4564.631+/-2561.857 χ^2/NDF: 6.8/4

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

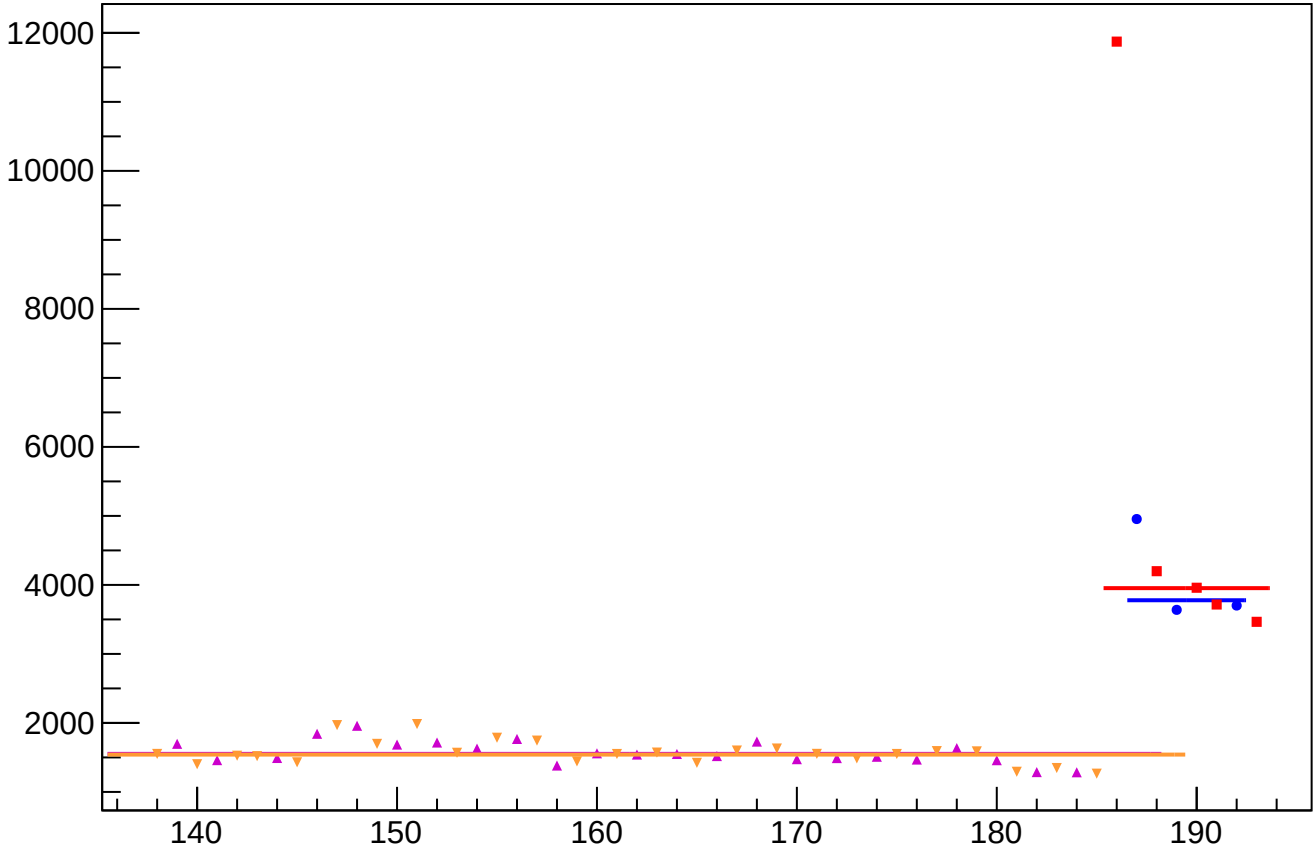
Right: -3166.017+/-2109.882 χ^2/NDF: 8.3/7

In: 41.364+/-369.923 χ^2/NDF:34.1/25

Out: 449.875+/-358.606 χ^2/NDF:46.3/29

All: 251.963+/-257.481 χ^2/NDF: 81.0/55

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3777.714+/-2.630 χ^2/NDF: 18742.6/2

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 3953.213+/-1.812 χ^2/NDF: 367208.3/4

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

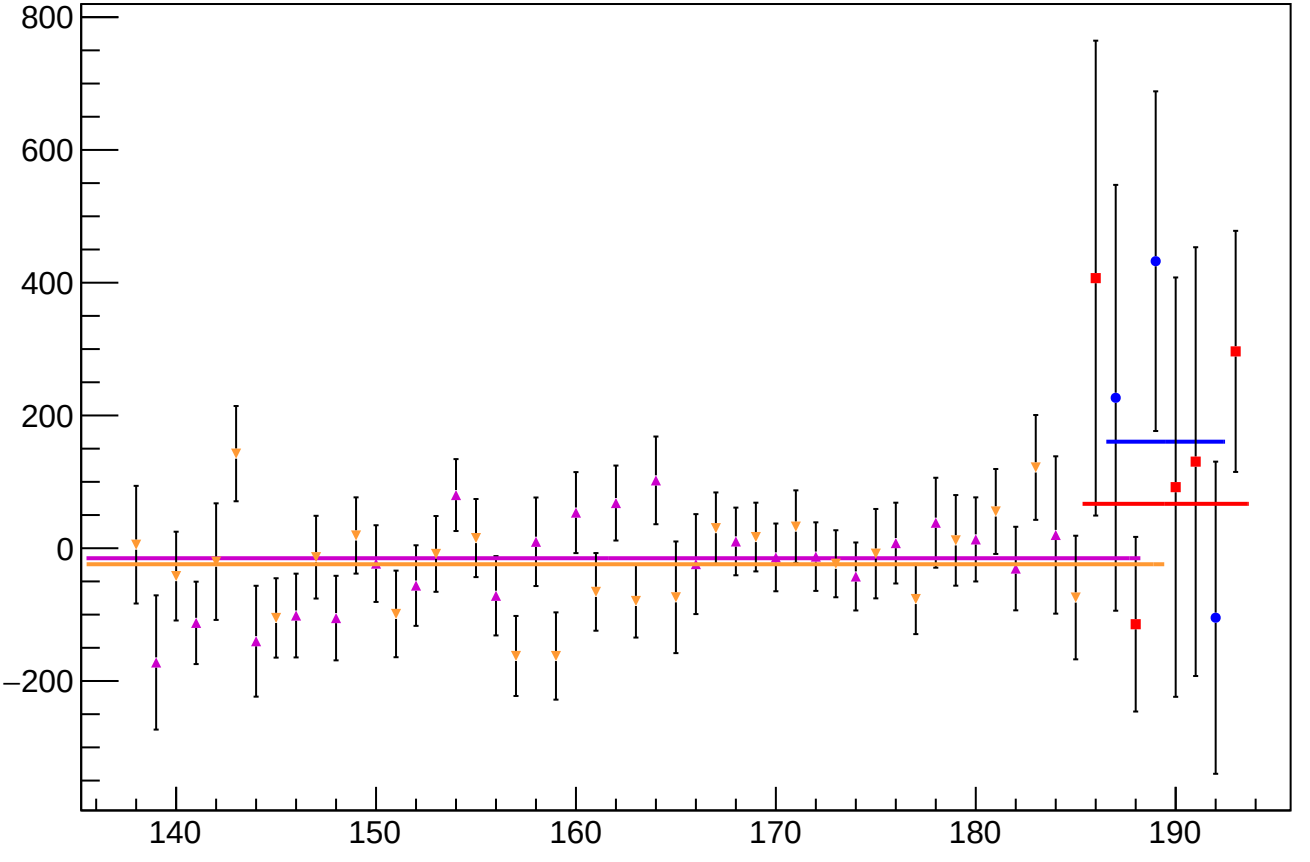
Right: 3896.751+/-1.492 χ^2/NDF: 388970.5/7

In: 1573.498+/-0.262 χ^2/NDF:1067030.9/25

Out: 1588.411+/-0.254 χ^2/NDF:2487503.4/29

All: 1581.186+/-0.182 χ^2/NDF: 3556210.1/55

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 160.502+/-152.345 χ^2/NDF: 2.4/2

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 66.888+/-93.028 χ^2/NDF: 4.4/4

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

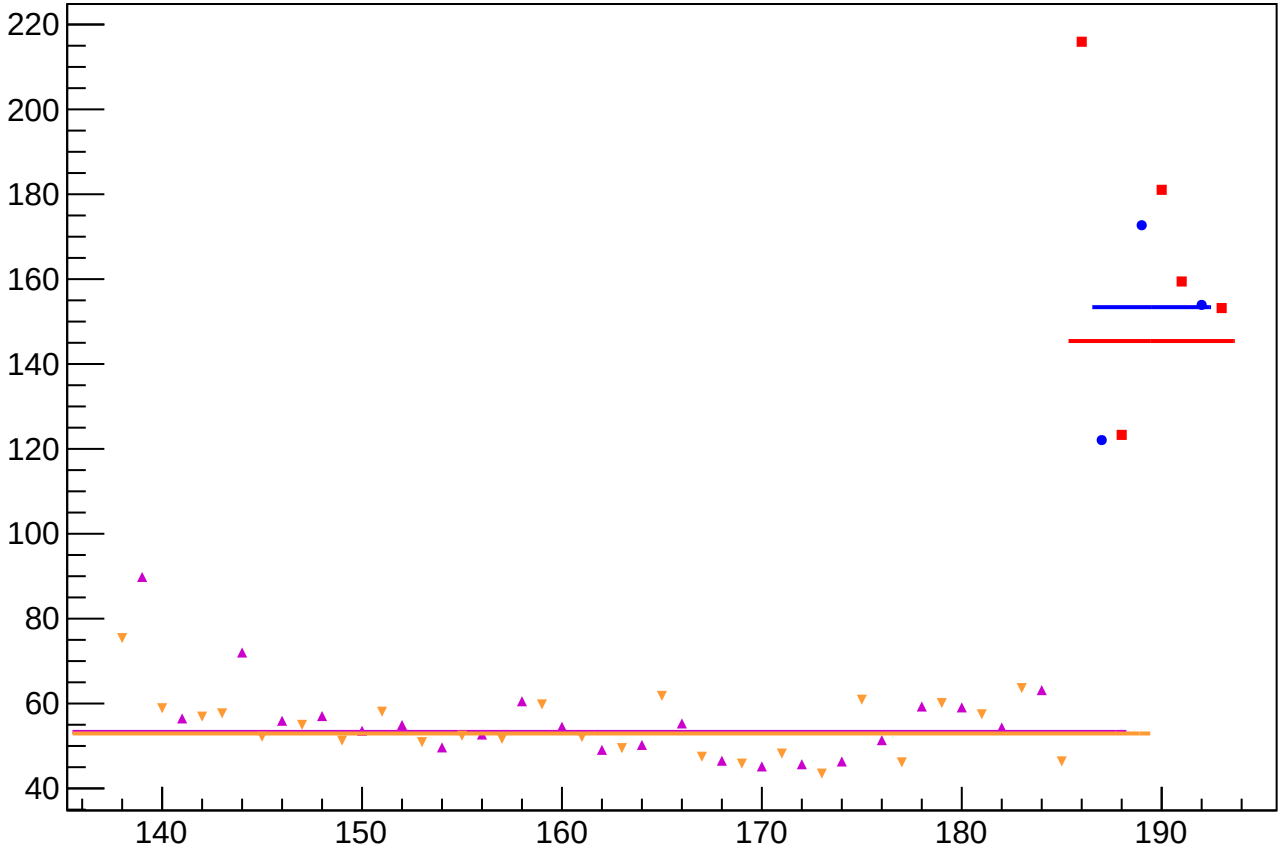
Right: 92.314+/-79.395 χ^2/NDF: 7.2/7

In: -13.804+/-12.875 χ^2/NDF:27.6/25

Out: -22.506+/-12.413 χ^2/NDF:36.1/29

All: -18.314+/-8.936 χ^2/NDF: 63.9/55

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 153.397+/-0.108 χ^2/NDF: 30469.3/2

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 145.418+/-0.066 χ^2/NDF: 167150.0/4

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

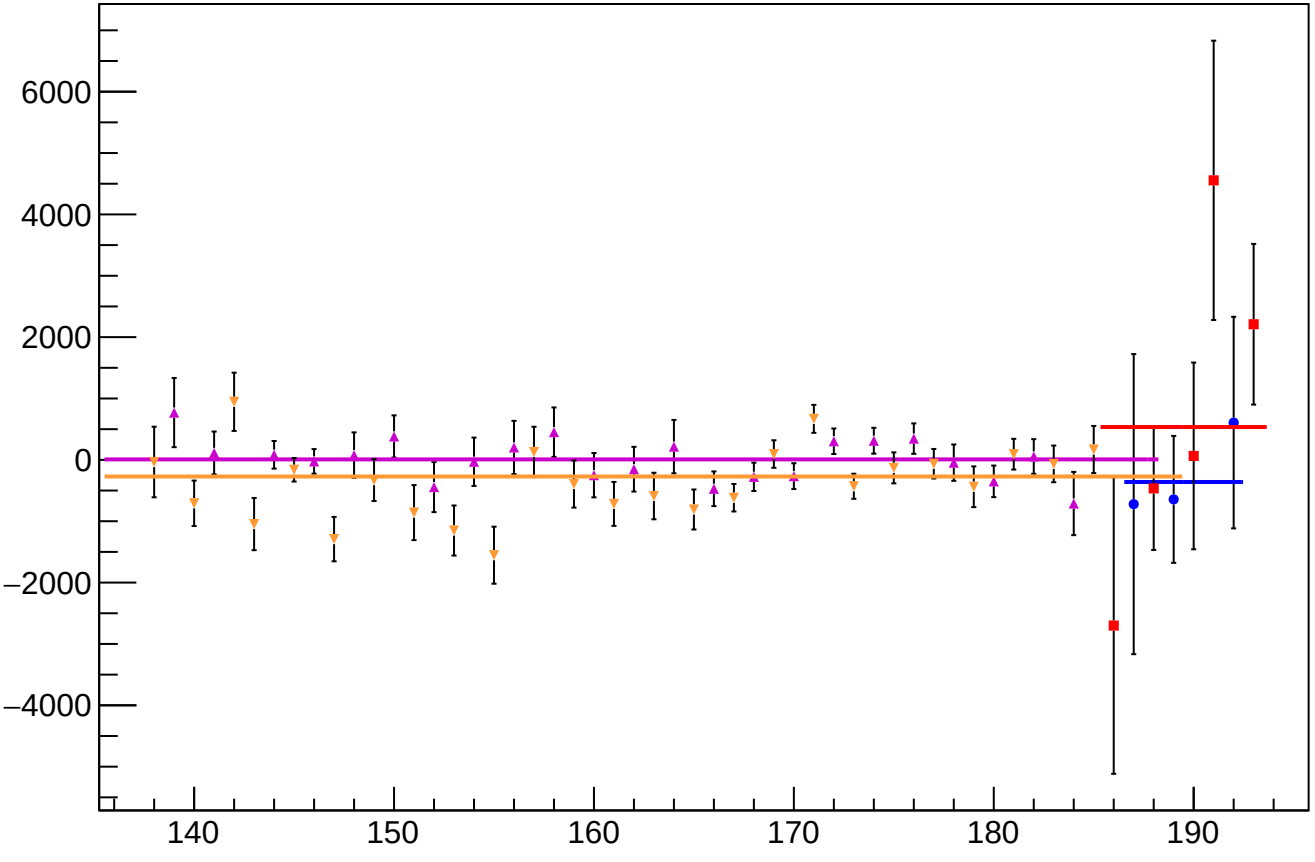
Right: 147.585+/-0.056 χ^2/NDF: 201615.6/7

In: 54.027+/-0.009 χ^2/NDF:1531730.4/25

Out: 54.589+/-0.009 χ^2/NDF:2621457.6/29

All: 54.318+/-0.006 χ^2/NDF: 4155160.4/55

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -360.620+/-833.593 χ^2/NDF: 0.4/2

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 535.215+/-648.975 χ^2/NDF: 7.6/4

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

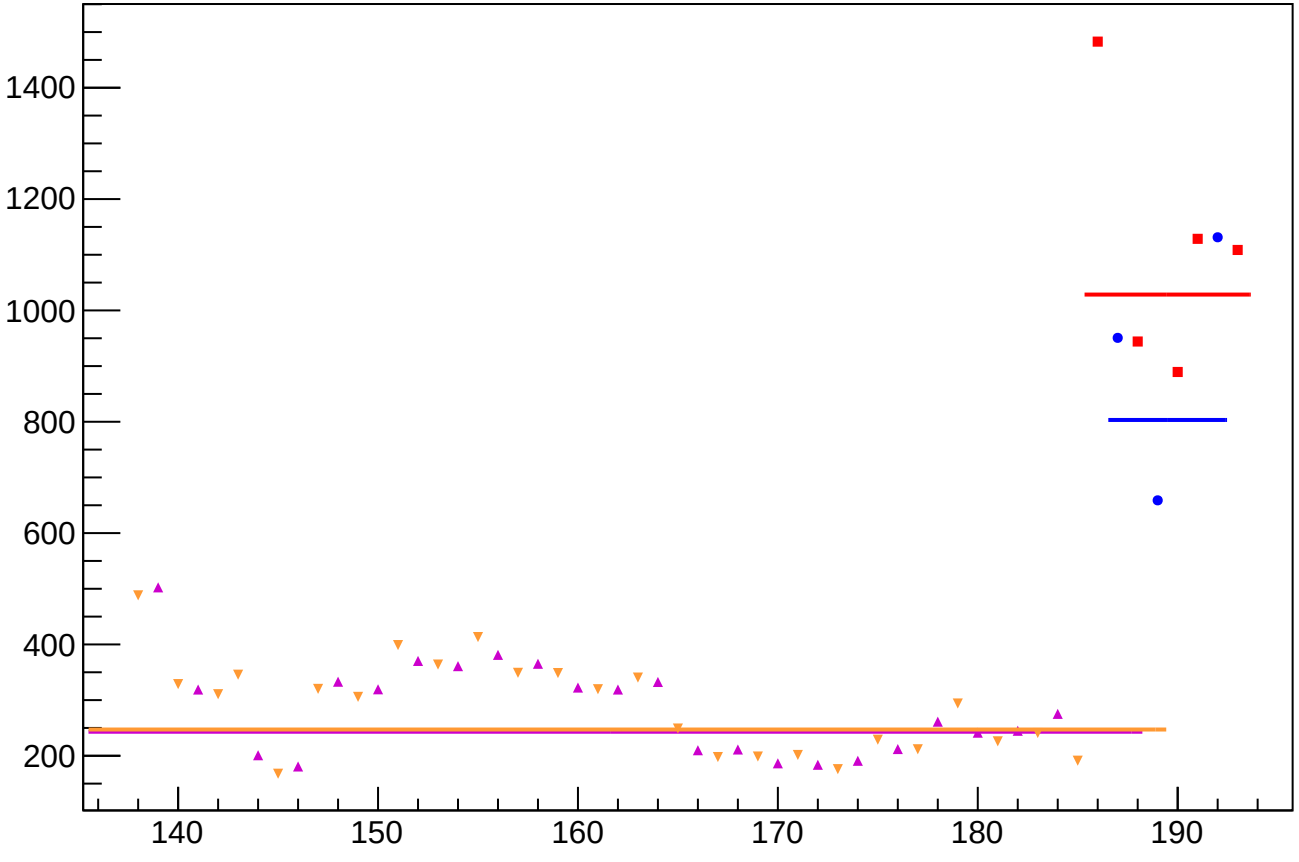
Right: 197.149+/-512.084 χ^2/NDF: 8.8/7

In: 5.616+/-60.170 χ^2/NDF:23.5/25

Out: -264.341+/-60.026 χ^2/NDF:76.8/29

All: -129.686+/-42.496 χ^2/NDF: 110.4/55

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 803.232+/-0.589 χ^2/NDF: 118734.4/2

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1028.472+/-0.459 χ^2/NDF: 112957.9/4

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

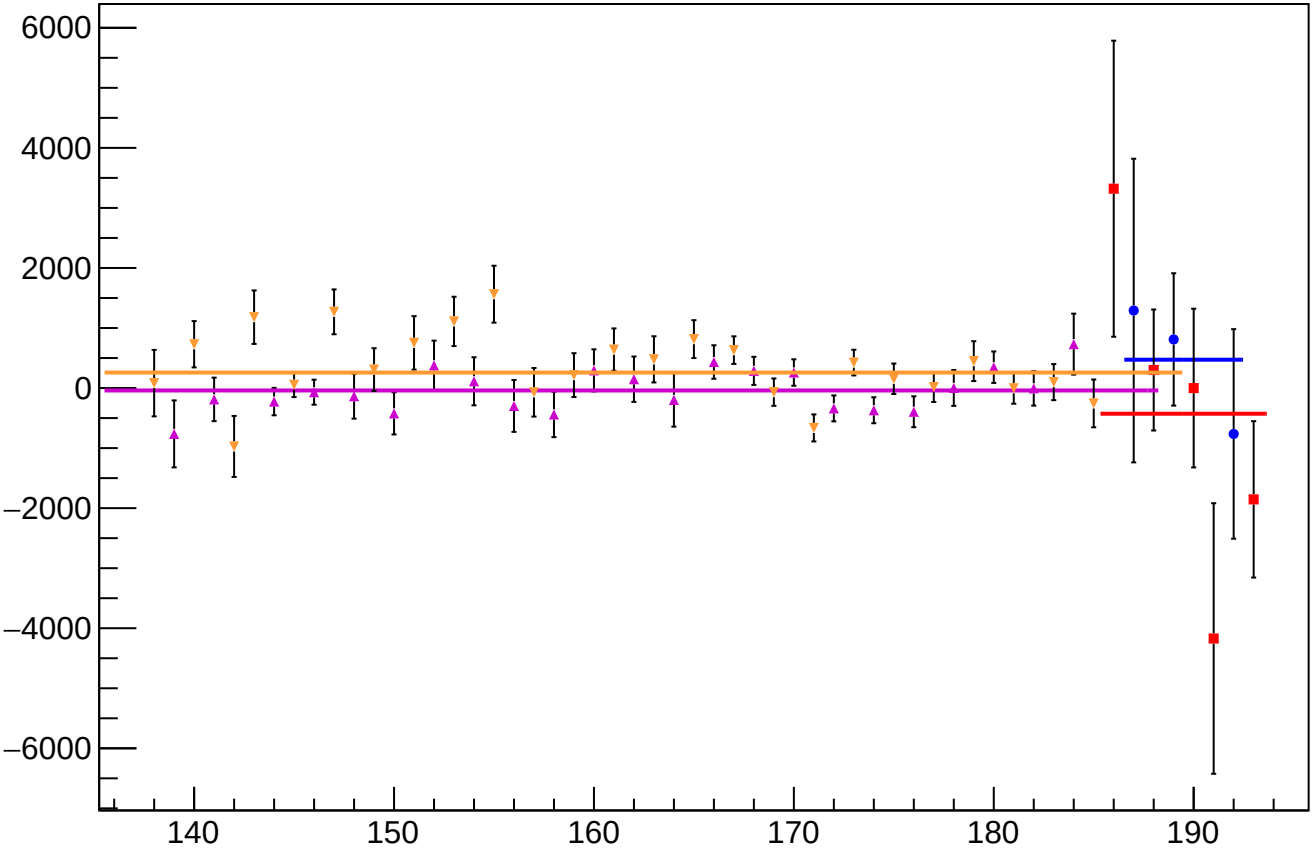
Right: 943.472+/-0.362 χ^2/NDF: 322607.4/7

In: 246.107+/-0.043 χ^2/NDF:3587967.1/25

Out: 253.850+/-0.042 χ^2/NDF:5840248.8/29

All: 249.988+/-0.030 χ^2/NDF: 9444815.9/55

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 472.355+/-874.333 χ^2/NDF: 0.7/2

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -427.484+/-631.403 χ^2/NDF: 6.9/4

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

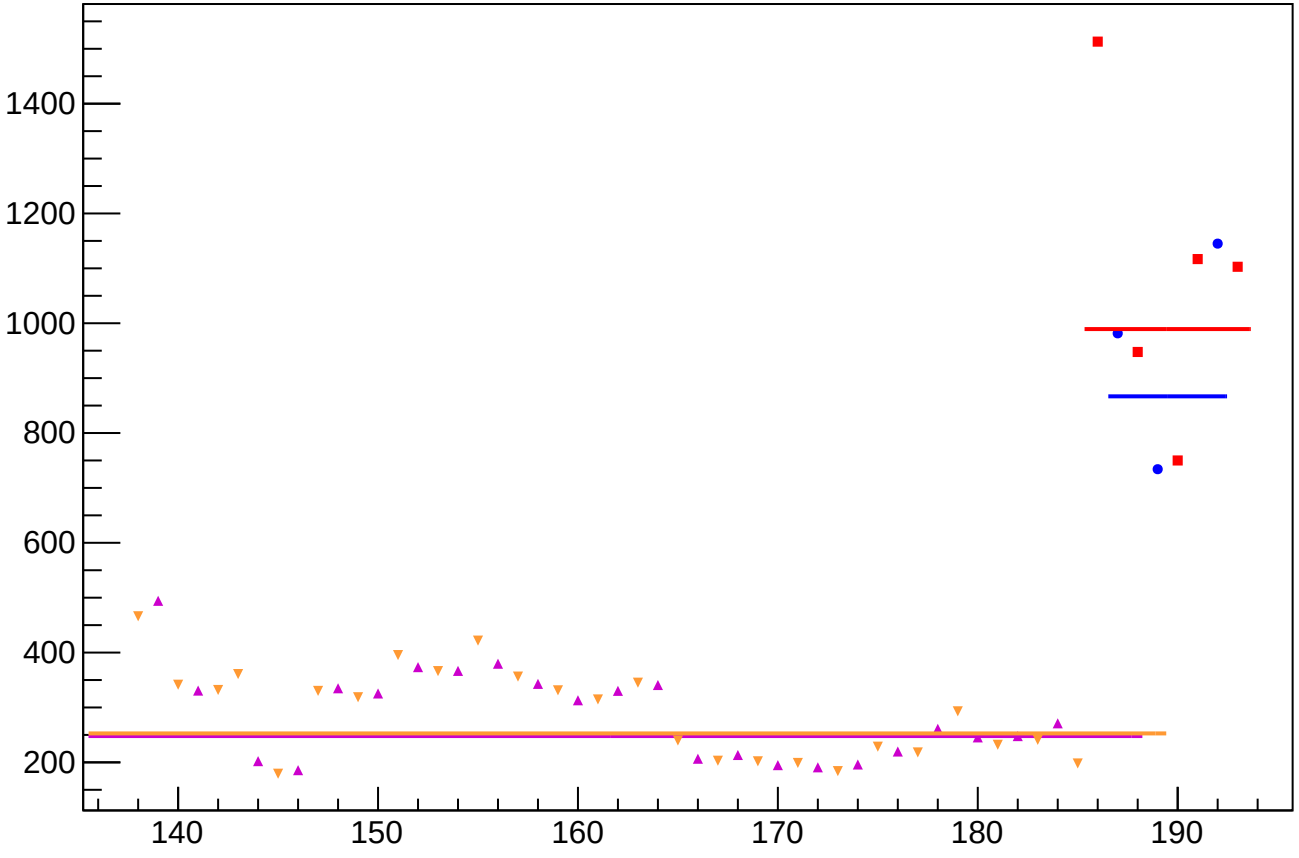
Right: -119.058+/-511.882 χ^2/NDF: 8.3/7

In: -37.493+/-61.344 χ^2/NDF:26.1/25

Out: 251.604+/-61.198 χ^2/NDF:73.0/29

All: 107.399+/-43.325 χ^2/NDF: 110.3/55

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 866.821+/-0.618 χ^2/NDF: 83962.9/2

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 989.378+/-0.446 χ^2/NDF: 180872.4/4

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

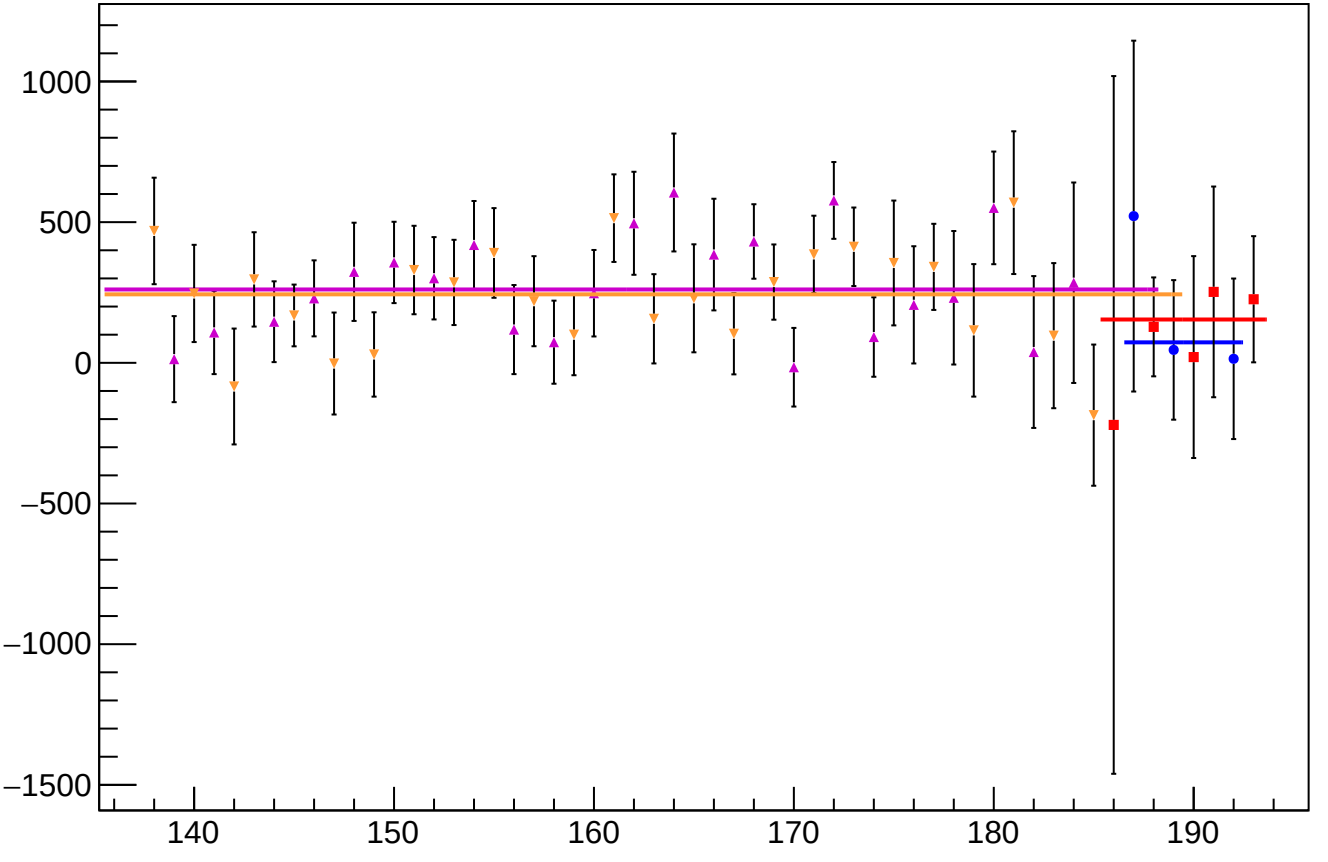
Right: 947.370+/-0.362 χ^2/NDF: 290662.7/7

In: 250.965+/-0.043 χ^2/NDF:3455849.6/25

Out: 259.641+/-0.043 χ^2/NDF:5526468.5/29

All: 255.313+/-0.031 χ^2/NDF: 9002368.6/55

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 72.778+/-179.264 χ^2/NDF: 0.6/2

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: 154.021+/-121.445 χ^2/NDF: 0.4/4

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

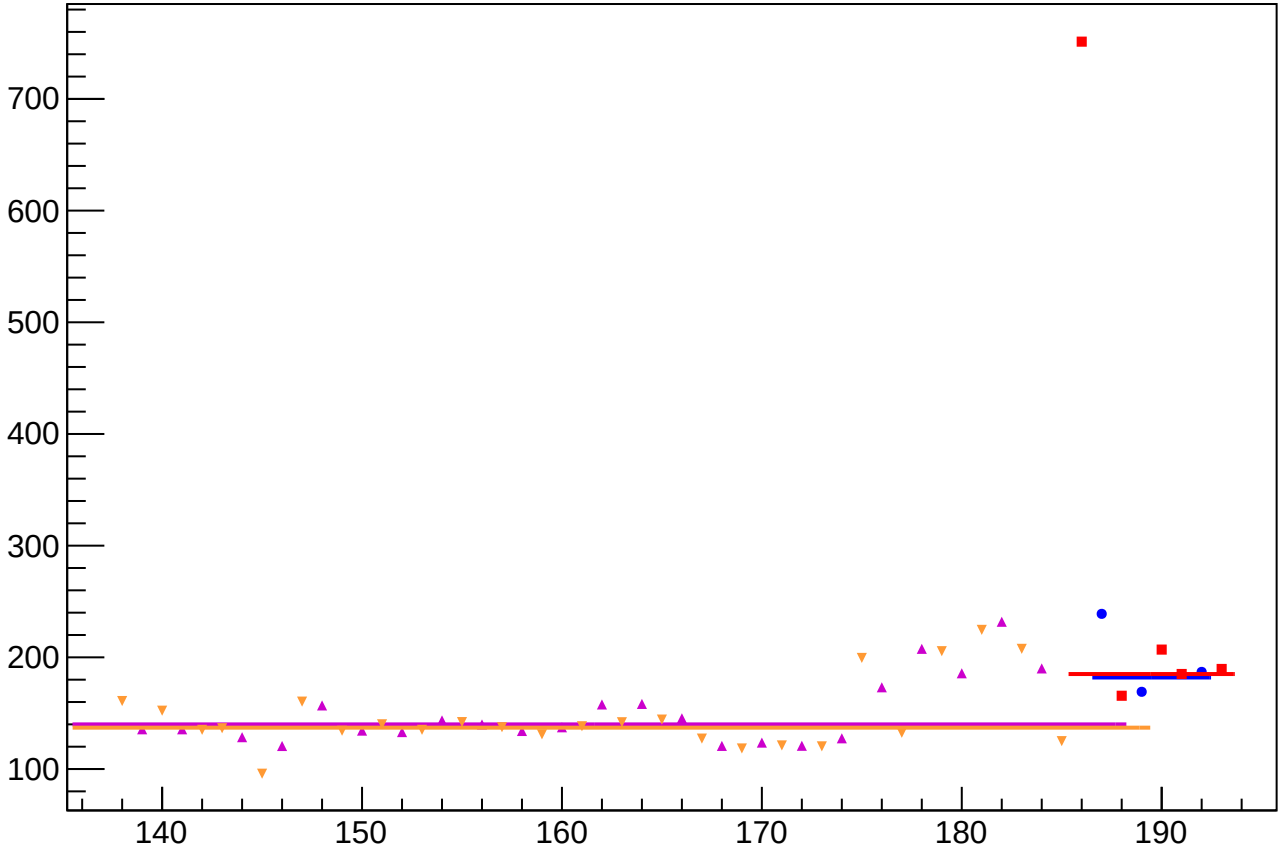
Right: 128.464+/-100.545 χ^2/NDF: 1.1/7

In: 254.227+/-33.393 χ^2/NDF:30.1/25

Out: 237.384+/-31.610 χ^2/NDF:24.3/29

All: 245.344+/-22.956 χ^2/NDF: 54.6/55

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 181.951+/-0.127 χ^2/NDF: 22661.0/2

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 185.052+/-0.086 χ^2/NDF: 449797.1/4

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

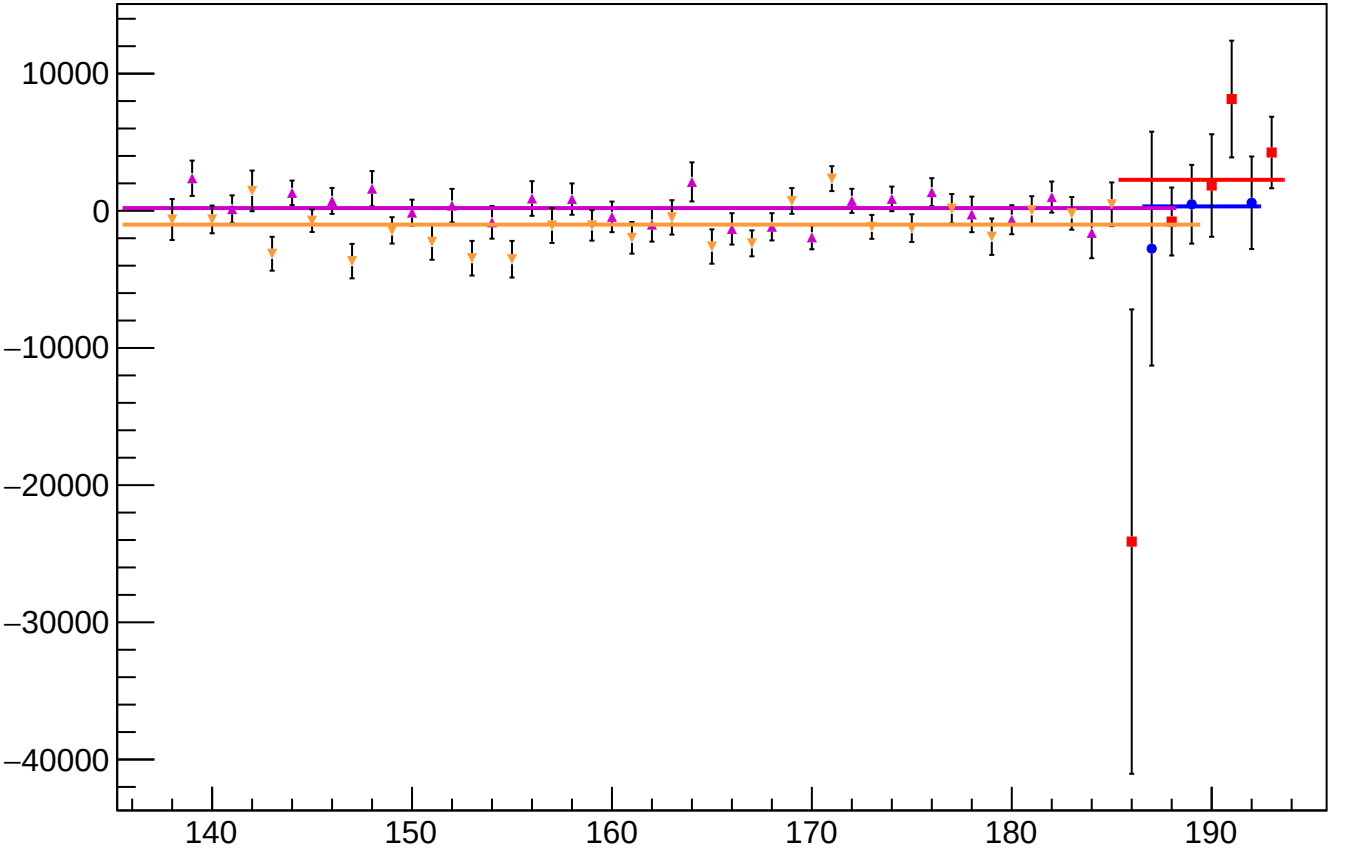
Right: 184.076+/-0.071 χ^2/NDF: 472868.3/7

In: 141.423+/-0.024 χ^2/NDF:966688.8/25

Out: 140.288+/-0.022 χ^2/NDF:1941634.9/29

All: 140.824+/-0.016 χ^2/NDF: 2909540.6/55

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 321.083+/-2117.247 χ^2/NDF: 0.1/2

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 2260.344+/-1506.923 χ^2/NDF: 6.4/4

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

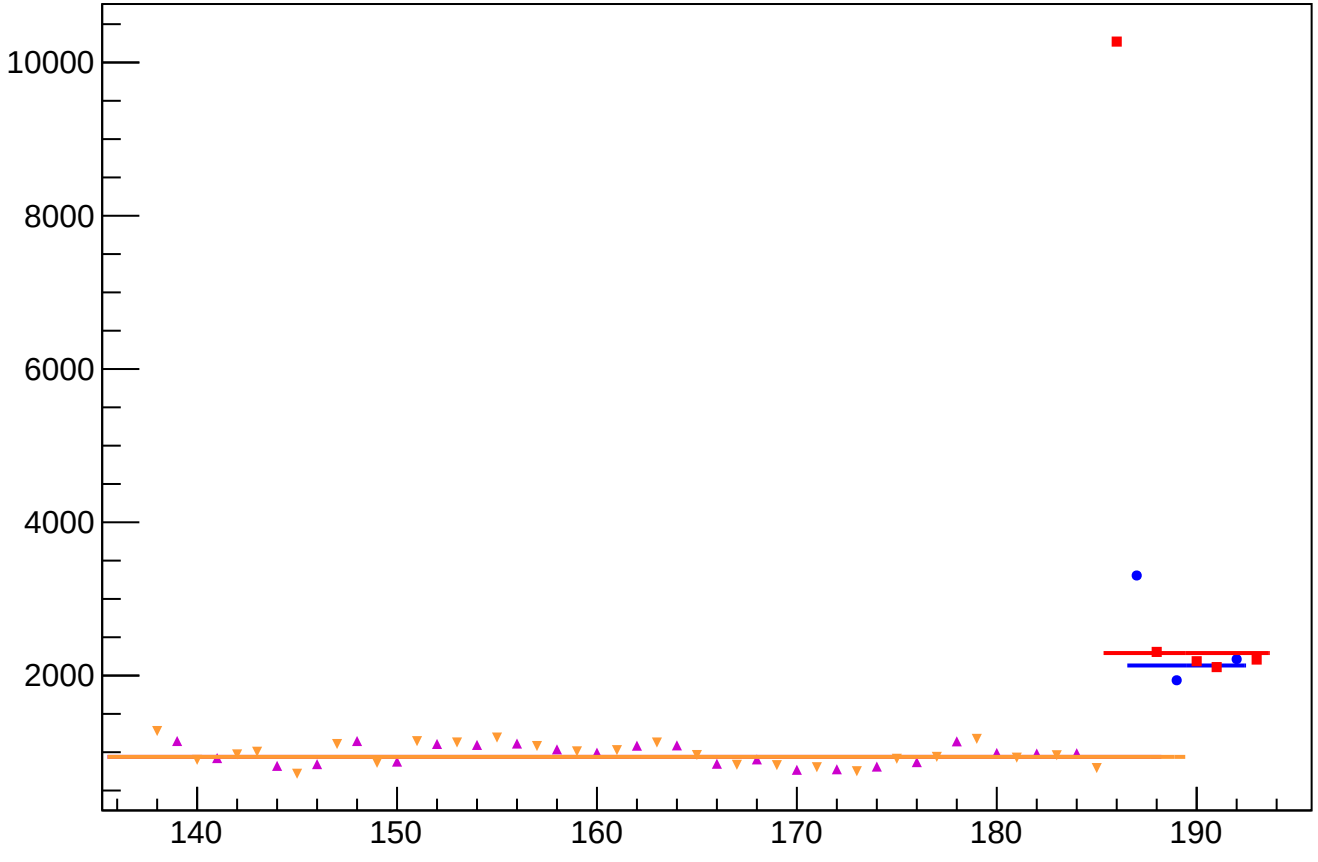
Right: 1608.286+/-1227.712 χ^2/NDF: 7.1/7

In: 200.033+/-224.721 χ^2/NDF:24.8/25

Out: -934.778+/-220.004 χ^2/NDF:55.7/29

All: -379.406+/-157.208 χ^2/NDF: 93.5/55

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2131.469+/-1.497 χ^2/NDF: 48157.7/2

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2293.870+/-1.066 χ^2/NDF: 451856.5/4

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

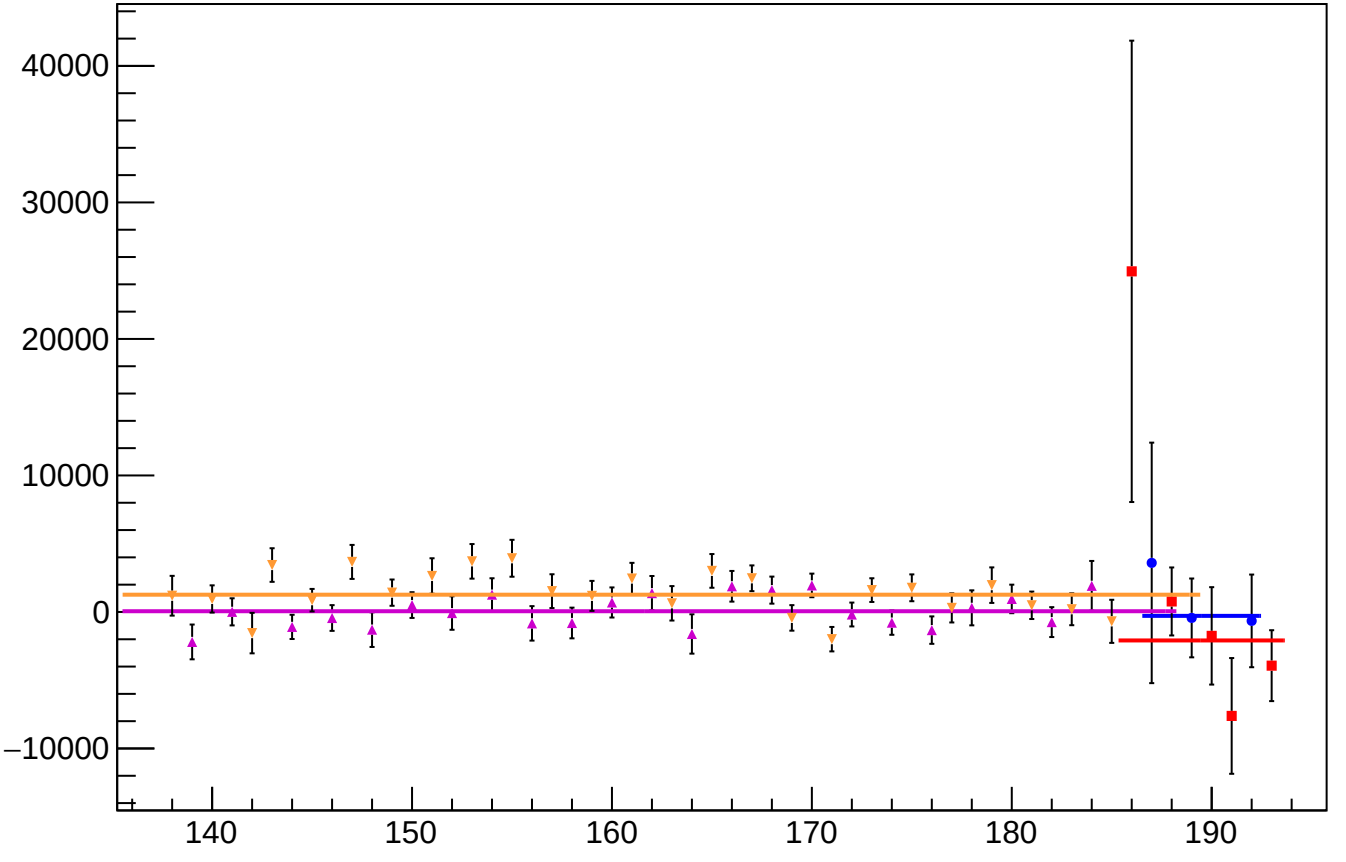
Right: 2239.264+/-0.868 χ^2/NDF: 507824.7/7

In: 952.191+/-0.159 χ^2/NDF:1287113.6/25

Out: 967.867+/-0.156 χ^2/NDF:2862573.8/29

All: 960.196+/-0.111 χ^2/NDF: 4154656.7/55

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -285.813+/-2133.654 χ^2/NDF: 0.2/2

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -2086.325+/-1495.204 χ^2/NDF: 6.1/4

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

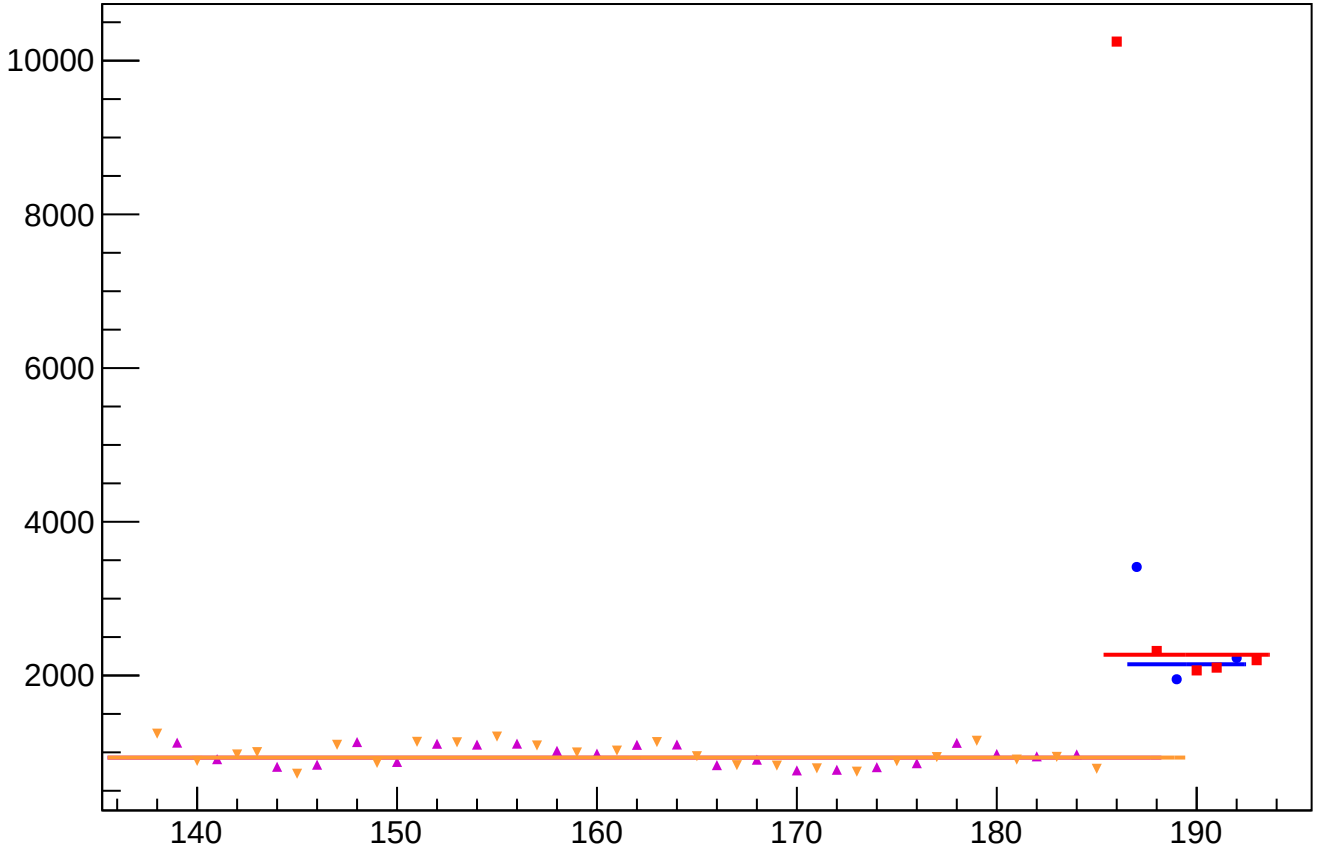
Right: -1493.335+/-1224.475 χ^2/NDF: 6.8/7

In: 50.224+/-223.140 χ^2/NDF:26.6/25

Out: 1193.528+/-218.262 χ^2/NDF:56.6/29

All: 634.509+/-156.031 χ^2/NDF: 96.6/55

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2146.001+/-1.509 χ^2/NDF: 51609.2/2

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2270.059+/-1.057 χ^2/NDF: 457744.6/4

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

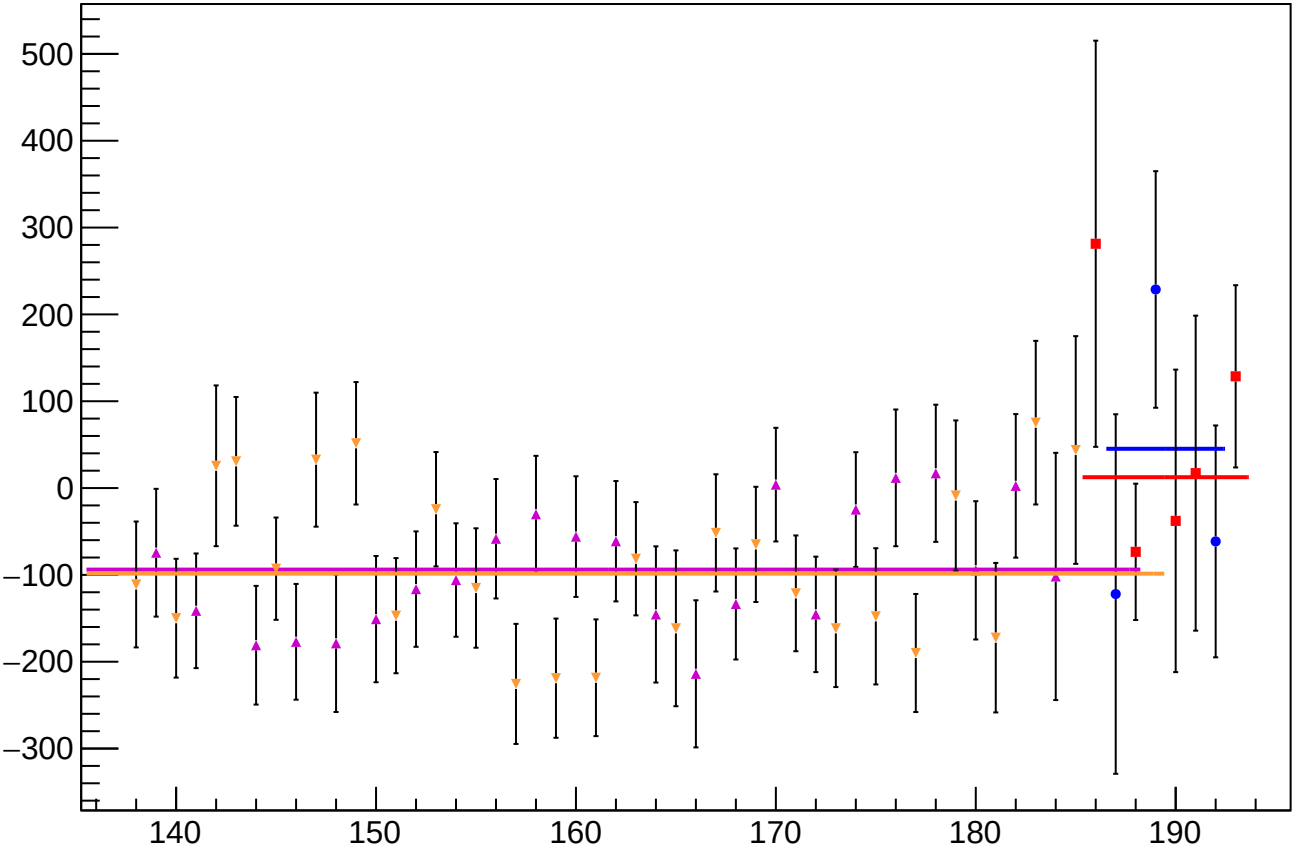
Right: 2229.201+/-0.866 χ^2/NDF: 513888.3/7

In: 944.144+/-0.158 χ^2/NDF:1315192.8/25

Out: 960.679+/-0.154 χ^2/NDF:2853644.4/29

All: 952.594+/-0.110 χ^2/NDF: 4174449.1/55

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 45.236+/-86.612 χ^2/NDF: 3.1/2

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 12.496+/-54.658 χ^2/NDF: 3.8/4

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

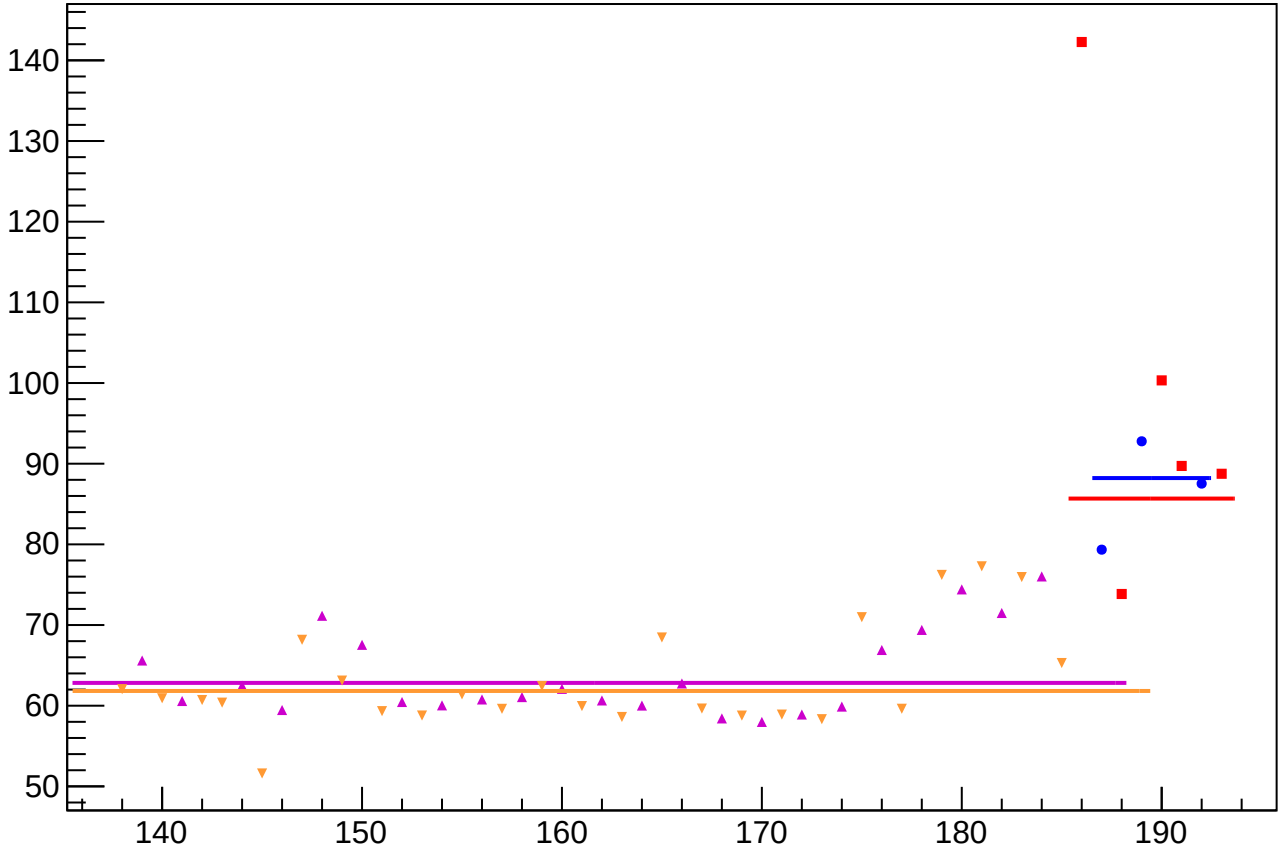
Right: 21.821+/-46.224 χ^2/NDF: 7.0/7

In: -89.827+/-14.817 χ^2/NDF:24.9/25

Out: -91.232+/-14.038 χ^2/NDF:42.9/29

All: -90.568+/-10.191 χ^2/NDF: 67.8/55

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 88.218+/-0.061 χ^2/NDF: 5967.6/2

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 85.676+/-0.039 χ^2/NDF: 179381.7/4

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

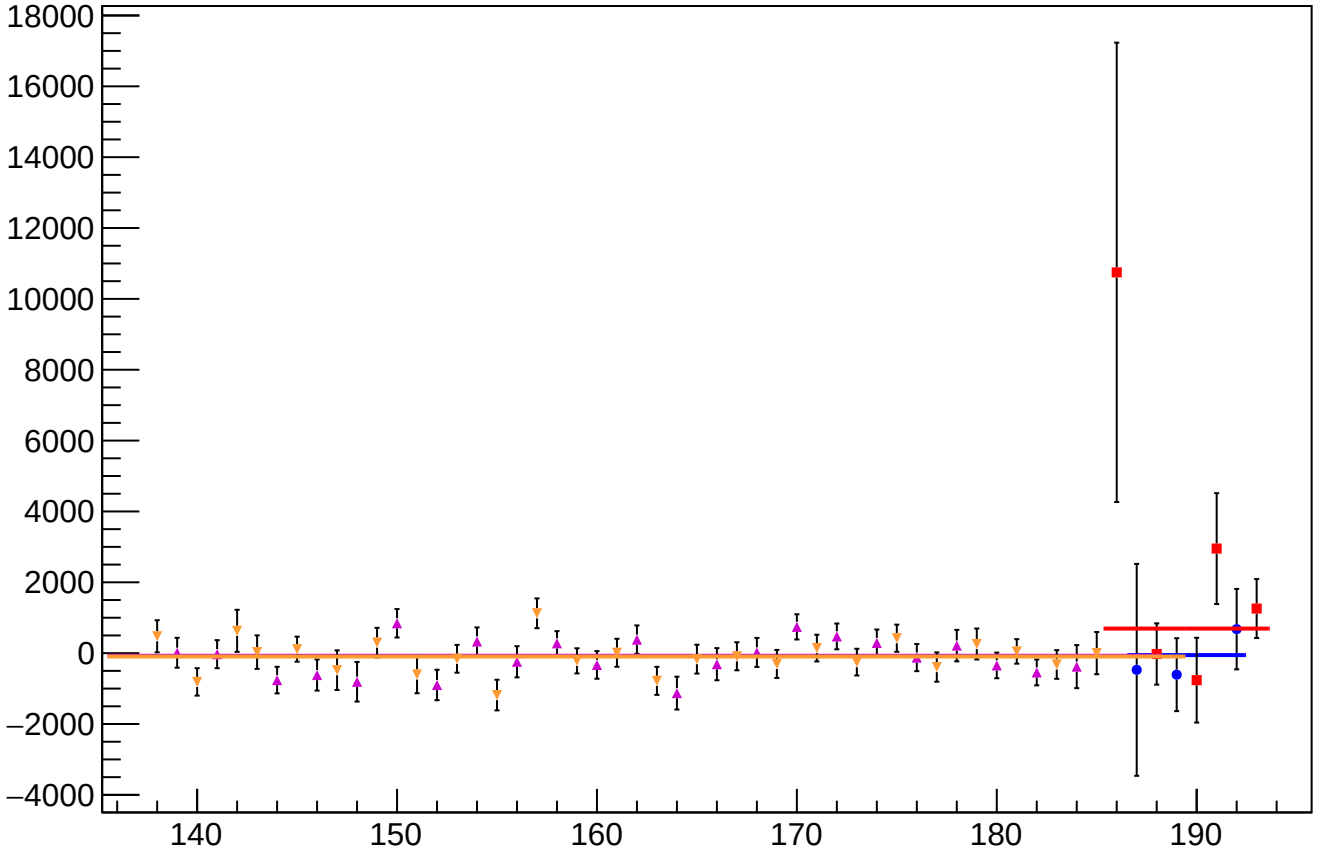
Right: 86.400+/-0.033 χ^2/NDF: 186581.4/7

In: 63.570+/-0.010 χ^2/NDF:359826.7/25

Out: 63.400+/-0.010 χ^2/NDF:848615.4/29

All: 63.481+/-0.007 χ^2/NDF: 1208581.3/55

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -54.383+/-738.645 χ^2/NDF: 0.7/2

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 693.938+/-505.503 χ^2/NDF: 7.1/4

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

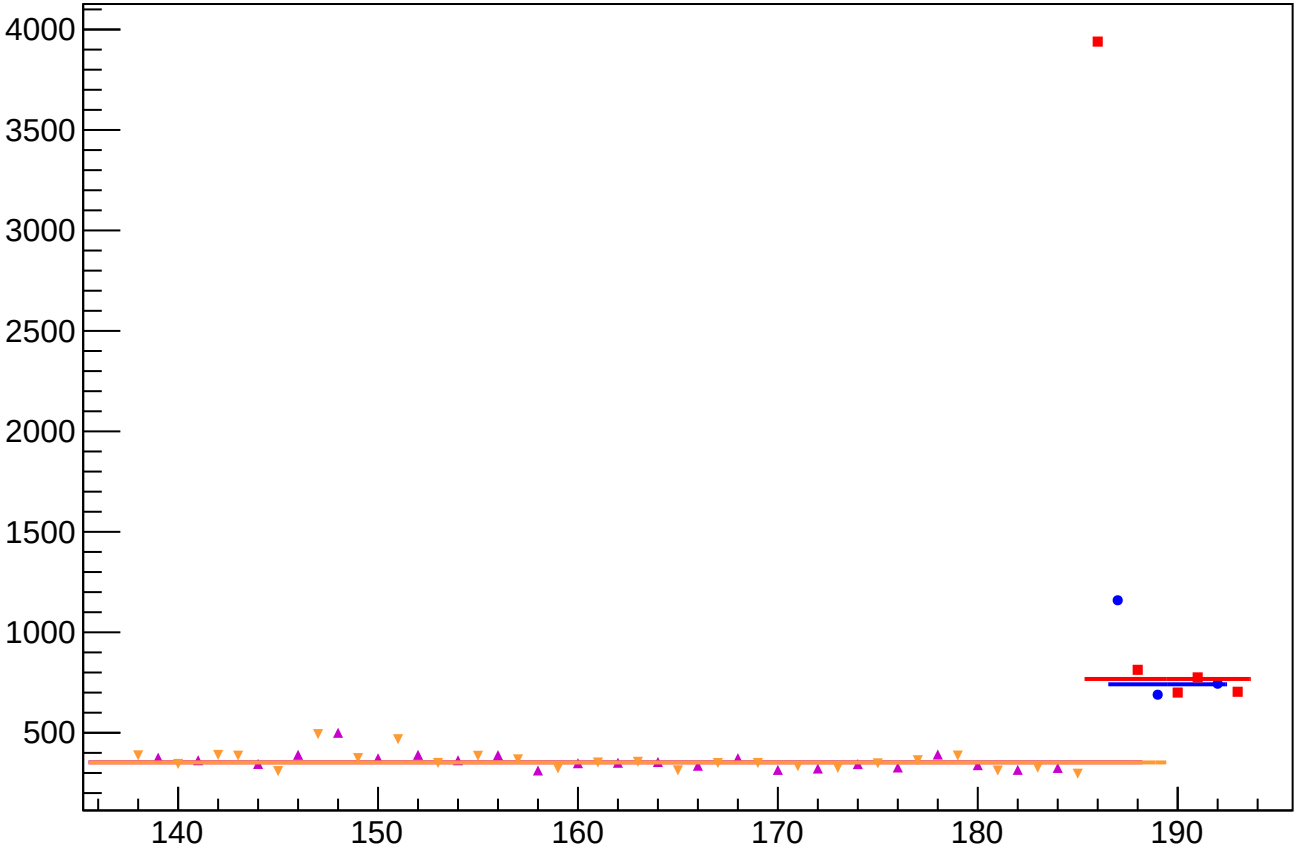
Right: 455.249+/-417.165 χ^2/NDF: 8.5/7

In: -73.661+/-84.102 χ^2/NDF:37.1/25

Out: -74.271+/-81.759 χ^2/NDF:41.1/29

All: -73.975+/-58.623 χ^2/NDF: 78.1/55

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 741.303+/-0.522 χ^2/NDF: 44172.4/2

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 767.892+/-0.357 χ^2/NDF: 502469.0/4

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

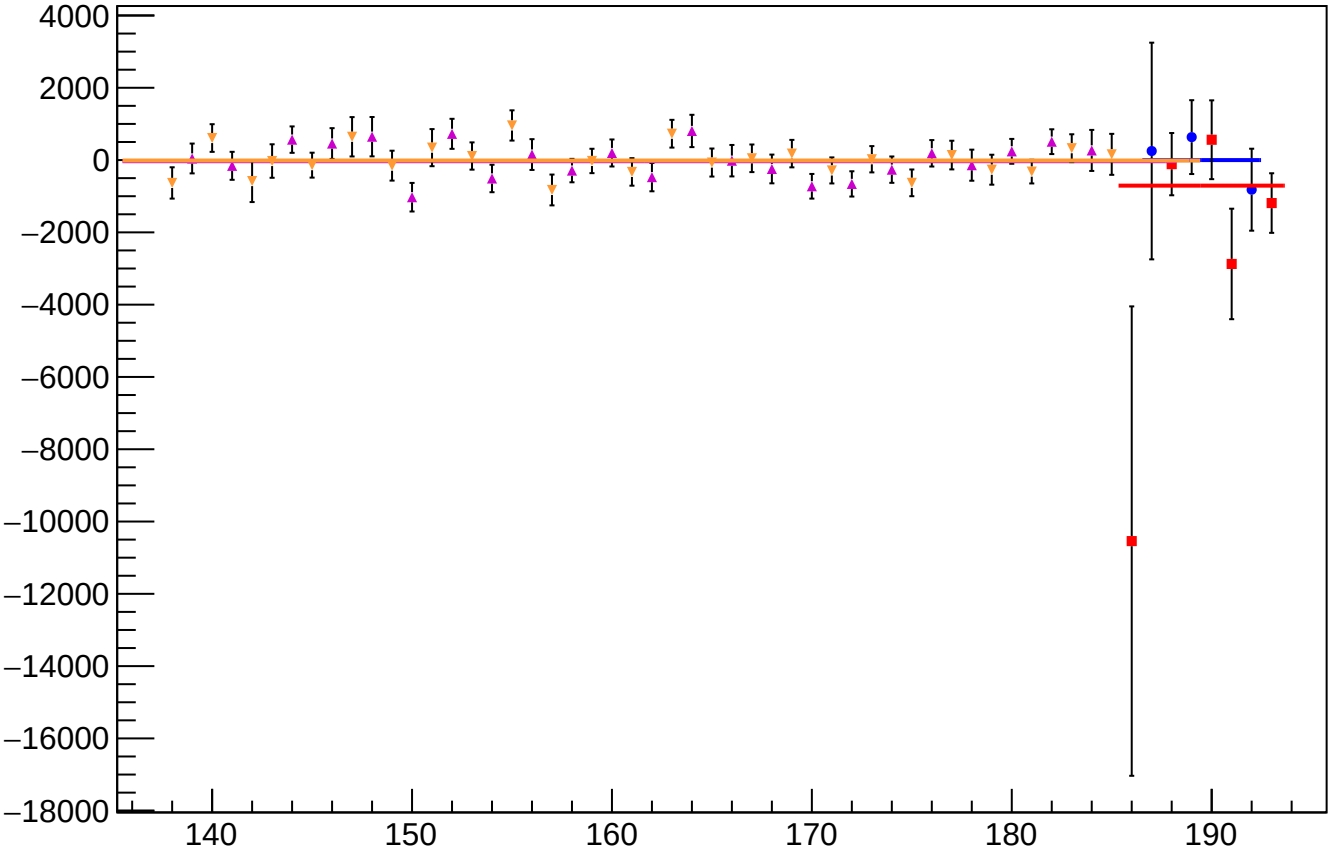
Right: 759.411+/-0.295 χ^2/NDF: 548406.2/7

In: 358.228+/-0.059 χ^2/NDF:910929.2/25

Out: 363.271+/-0.058 χ^2/NDF:2236776.1/29

All: 360.821+/-0.041 χ^2/NDF: 3151402.3/55

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -0.564+/-735.709 χ^2/NDF: 0.9/2

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -707.289+/-493.075 χ^2/NDF: 6.5/4

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

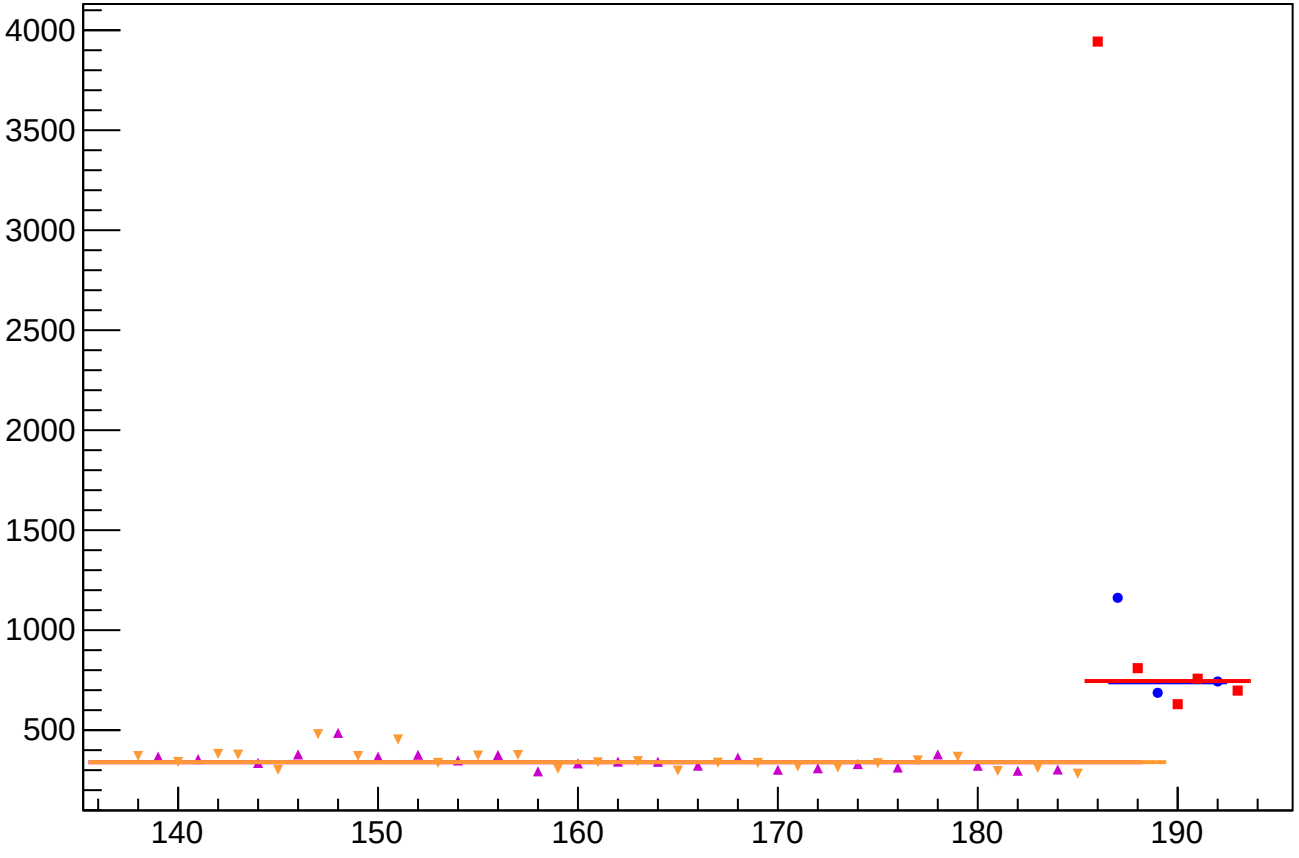
Right: -488.238+/-409.593 χ^2/NDF: 8.0/7

In: -31.156+/-80.981 χ^2/NDF:35.7/25

Out: -30.357+/-78.952 χ^2/NDF:35.8/29

All: -30.747+/-56.531 χ^2/NDF: 71.5/55

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 739.309+/-0.520 χ^2/NDF: 45045.0/2

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 745.624+/-0.349 χ^2/NDF: 525568.0/4

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

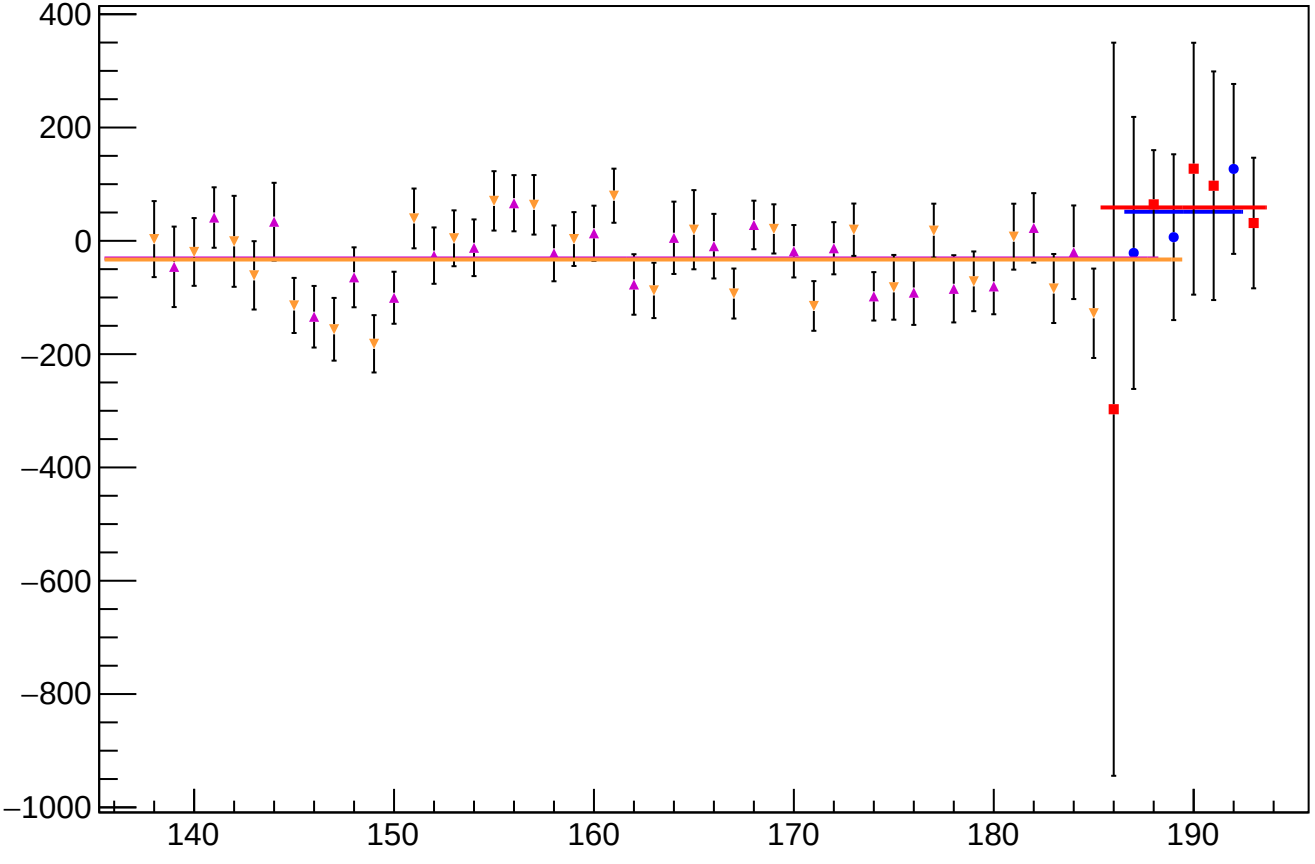
Right: 743.667+/-0.290 χ^2/NDF: 570714.7/7

In: 344.414+/-0.057 χ^2/NDF:1006139.0/25

Out: 350.418+/-0.056 χ^2/NDF:2309569.4/29

All: 347.492+/-0.040 χ^2/NDF: 3321343.9/55

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 51.373+/-95.999 χ^2/NDF: 0.4/2

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 58.922+/-65.710 χ^2/NDF: 0.5/4

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

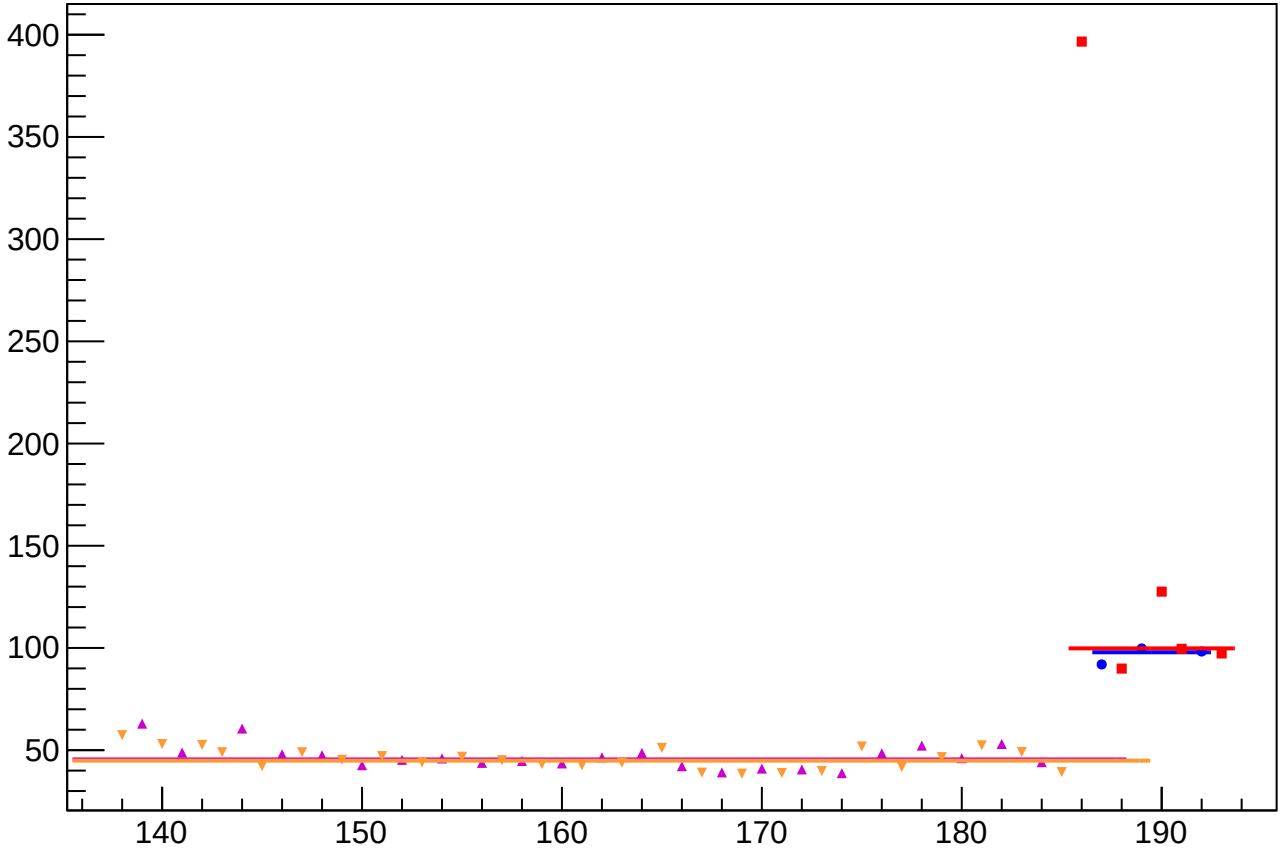
Right: 56.514+/-54.224 χ^2/NDF: 0.9/7

In: -30.083+/-10.887 χ^2/NDF:24.6/25

Out: -30.643+/-10.443 χ^2/NDF:50.4/29

All: -30.375+/-7.536 χ^2/NDF: 75.0/55

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 97.886+/-0.068 χ^2/NDF: 1559.7/2

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 99.796+/-0.046 χ^2/NDF: 474395.4/4

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

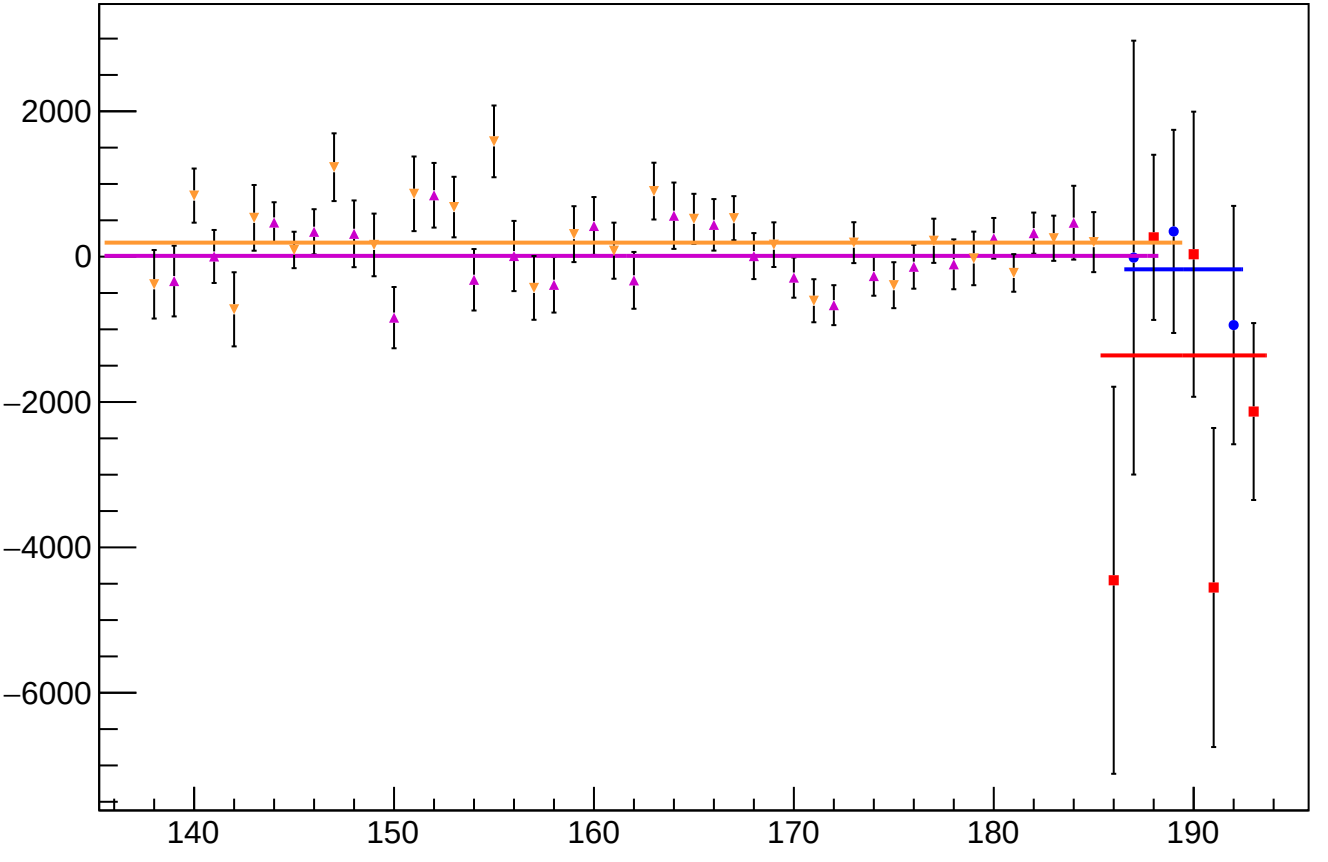
Right: 99.187+/-0.038 χ^2/NDF: 476494.4/7

In: 46.139+/-0.008 χ^2/NDF:1047268.7/25

Out: 46.250+/-0.007 χ^2/NDF:2252441.1/29

All: 46.197+/-0.005 χ^2/NDF: 3299816.7/55

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -174.417+/-1001.860 χ^2/NDF: 0.4/2

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -1358.918+/-697.017 χ^2/NDF: 6.4/4

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

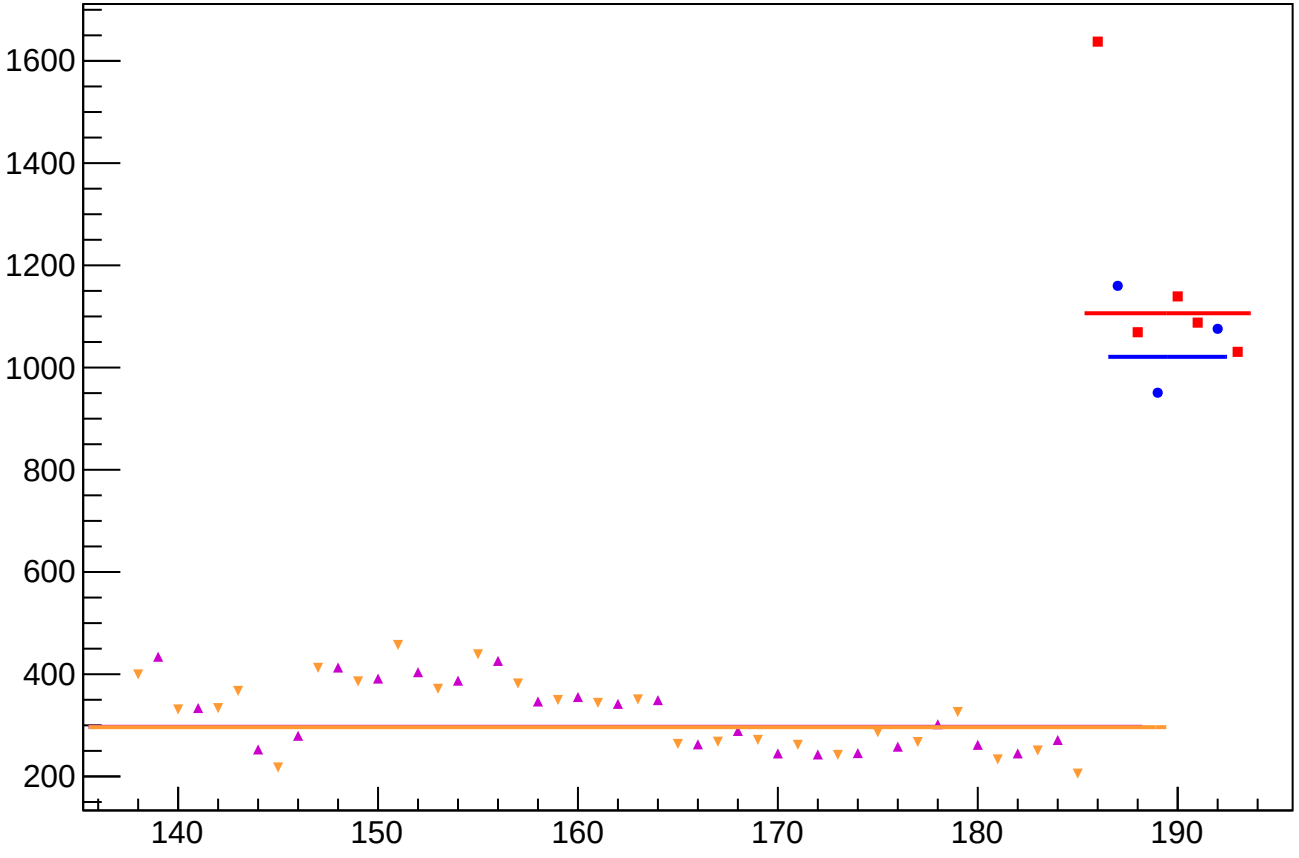
Right: -972.582+/-572.166 χ^2/NDF: 7.7/7

In: 9.841+/-72.113 χ^2/NDF:30.6/25

Out: 177.023+/-70.603 χ^2/NDF:57.1/29

All: 95.200+/-50.449 χ^2/NDF: 90.5/55

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 1021.002+/-0.708 χ^2/NDF: 11621.4/2

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1106.255+/-0.493 χ^2/NDF: 90216.2/4

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

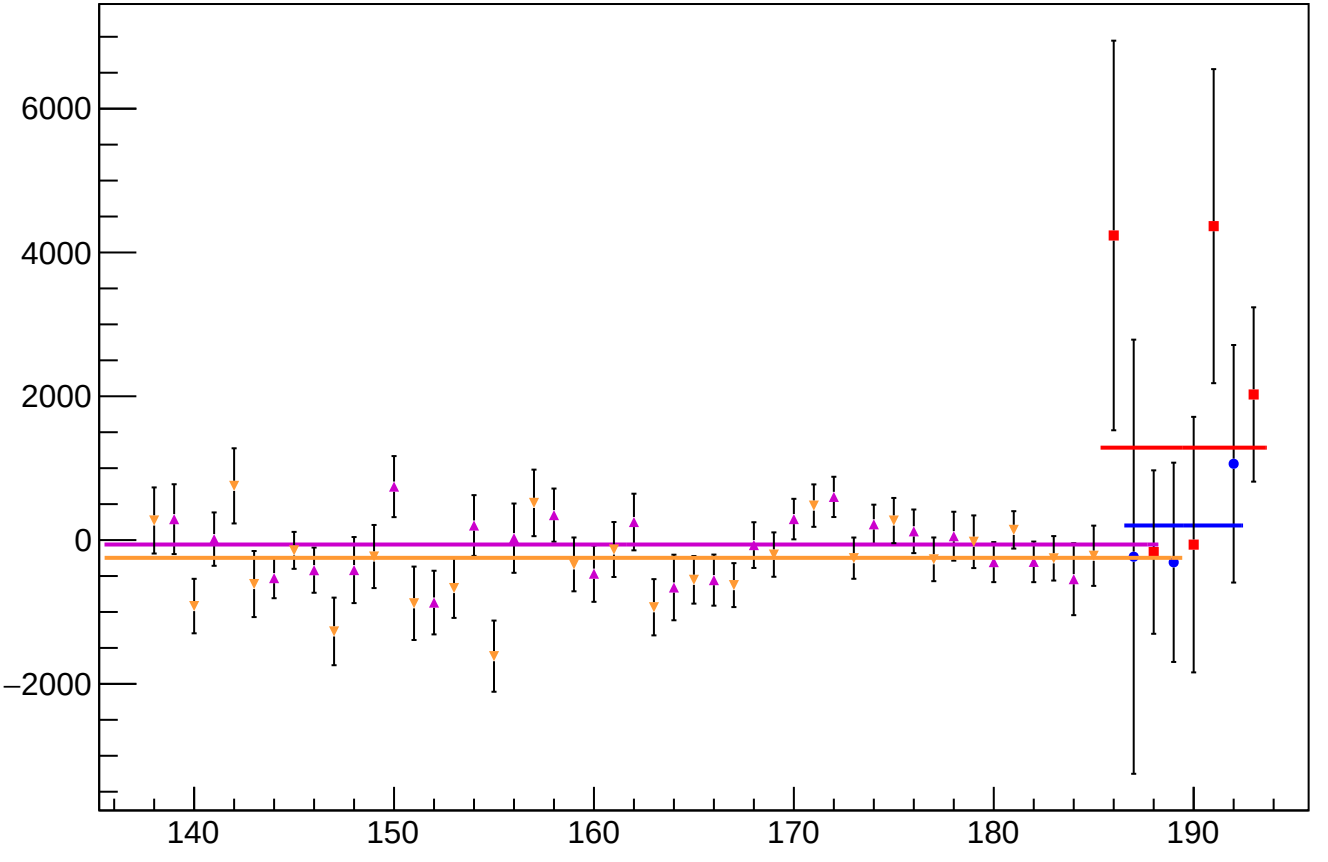
Right: 1078.449+/-0.405 χ^2/NDF: 111596.2/7

In: 300.887+/-0.051 χ^2/NDF:2371037.0/25

Out: 304.693+/-0.050 χ^2/NDF:4398085.1/29

All: 302.830+/-0.036 χ^2/NDF: 6771965.8/55

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 202.966+/-1001.620 χ^2/NDF: 0.4/2

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 1285.390+/-687.344 χ^2/NDF: 5.8/4

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

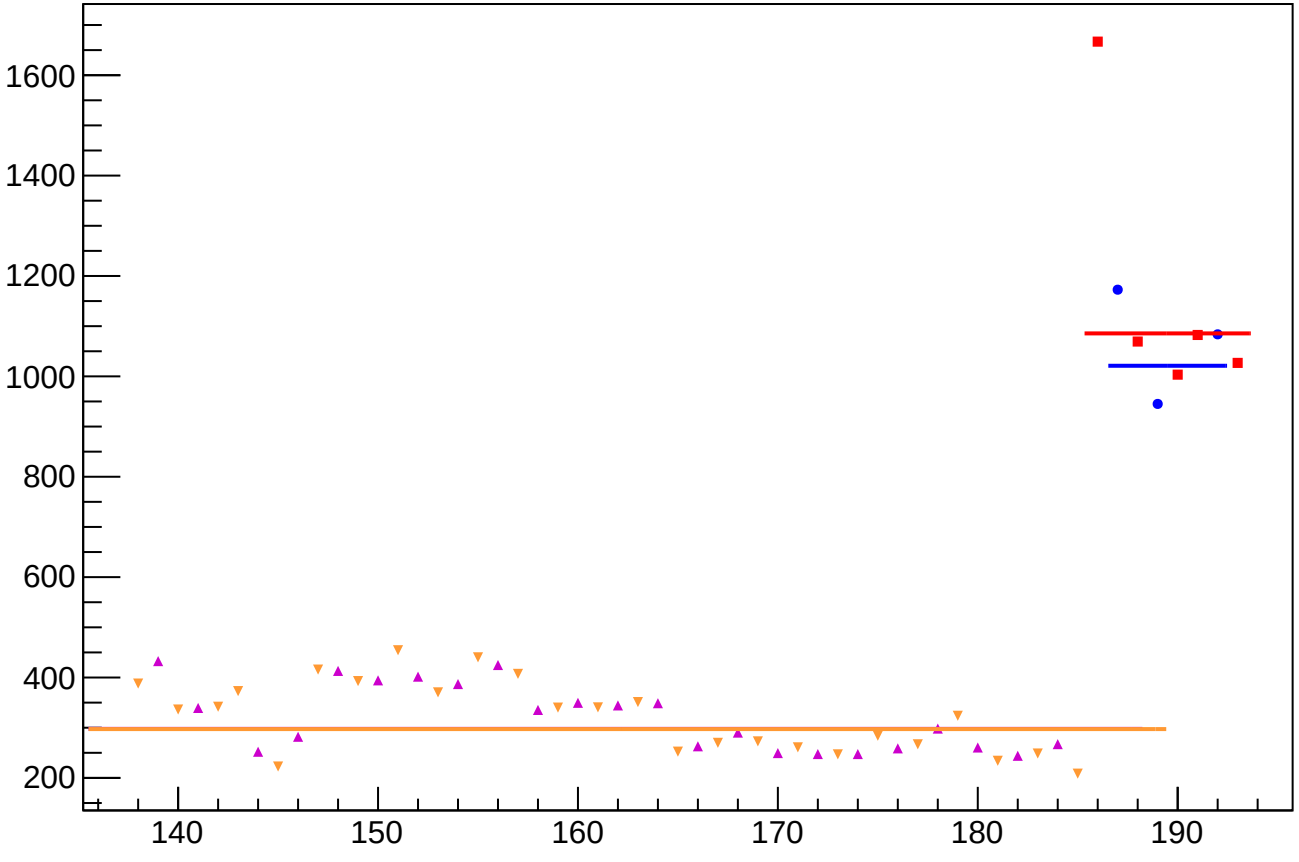
Right: 938.851+/-566.736 χ^2/NDF: 7.0/7

In: -60.328+/-72.289 χ^2/NDF:30.8/25

Out: -230.830+/-70.839 χ^2/NDF:54.3/29

All: -147.306+/-50.595 χ^2/NDF: 87.9/55

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 1021.112+/-0.708 χ^2/NDF: 13929.3/2

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1085.589+/-0.486 χ^2/NDF: 101449.3/4

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

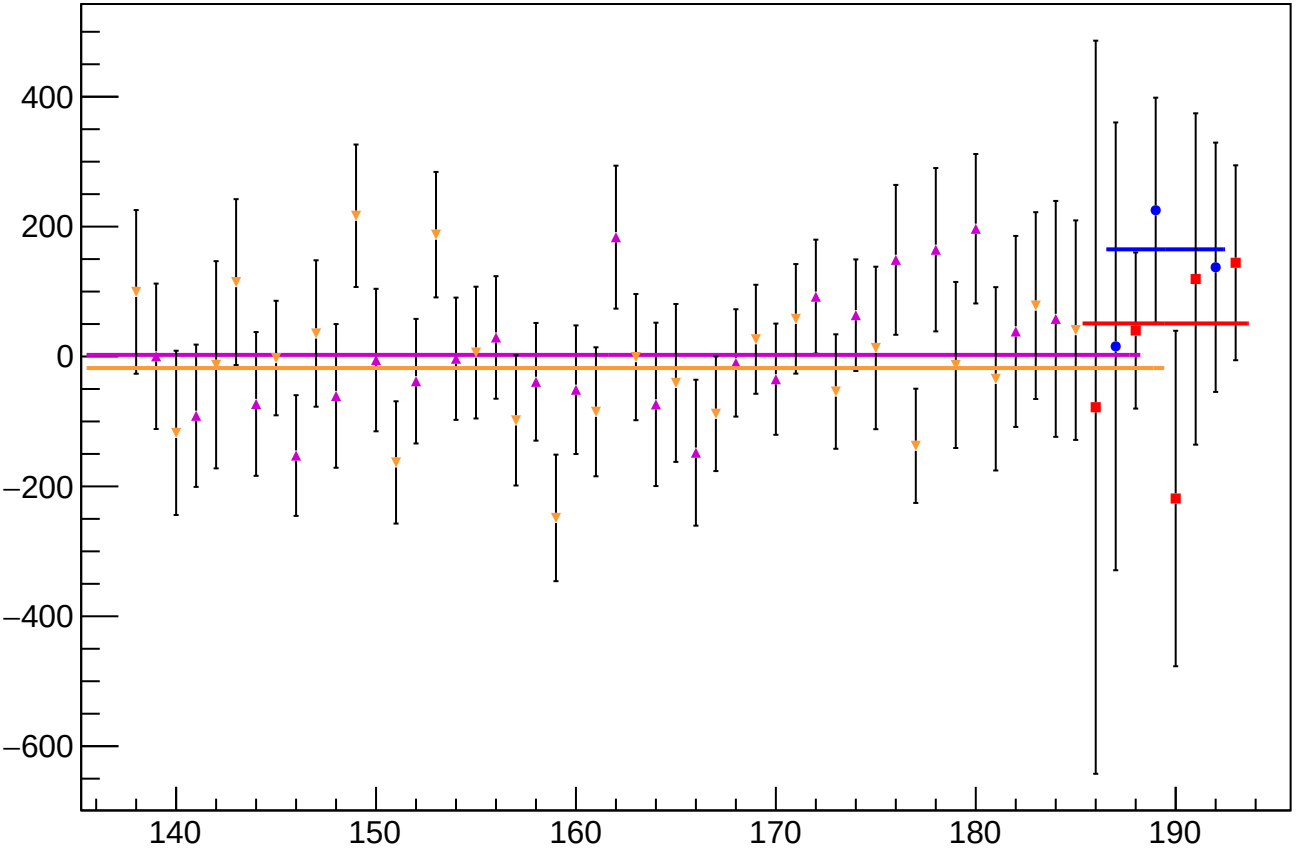
Right: 1064.946+/-0.401 χ^2/NDF: 121013.0/7

In: 301.464+/-0.051 χ^2/NDF:2326379.9/25

Out: 305.646+/-0.050 χ^2/NDF:4332173.4/29

All: 303.598+/-0.036 χ^2/NDF: 6661967.5/55

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 165.009+/-120.511 χ^2/NDF: 0.3/2

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 50.929+/-82.453 χ^2/NDF: 1.6/4

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

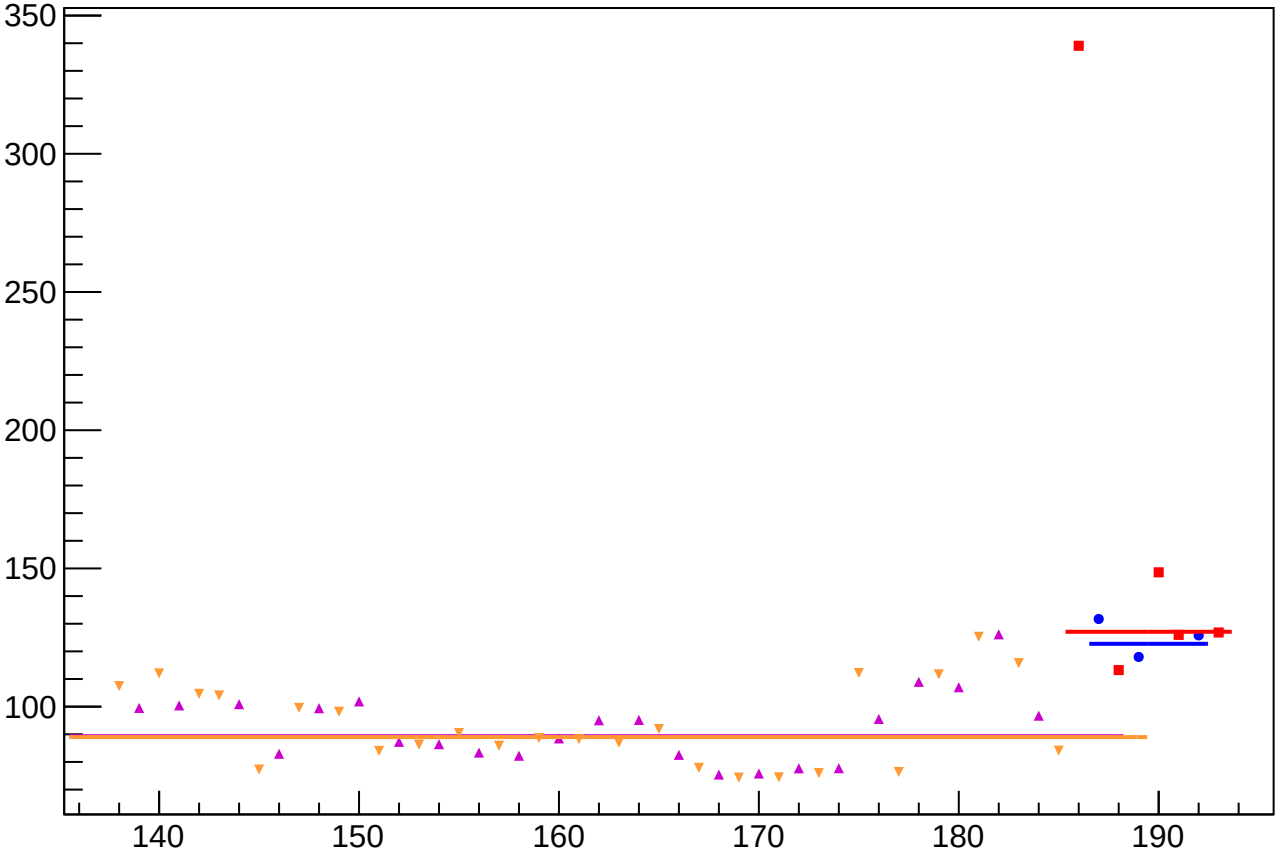
Right: 87.304+/-68.049 χ^2/NDF: 2.5/7

In: 7.555+/-21.244 χ^2/NDF:20.1/25

Out: -13.534+/-20.460 χ^2/NDF:27.8/29

All: -3.386+/-14.737 χ^2/NDF: 48.4/55

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 122.734+/-0.085 χ^2/NDF: 3365.4/2

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 127.090+/-0.058 χ^2/NDF: 322617.1/4

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

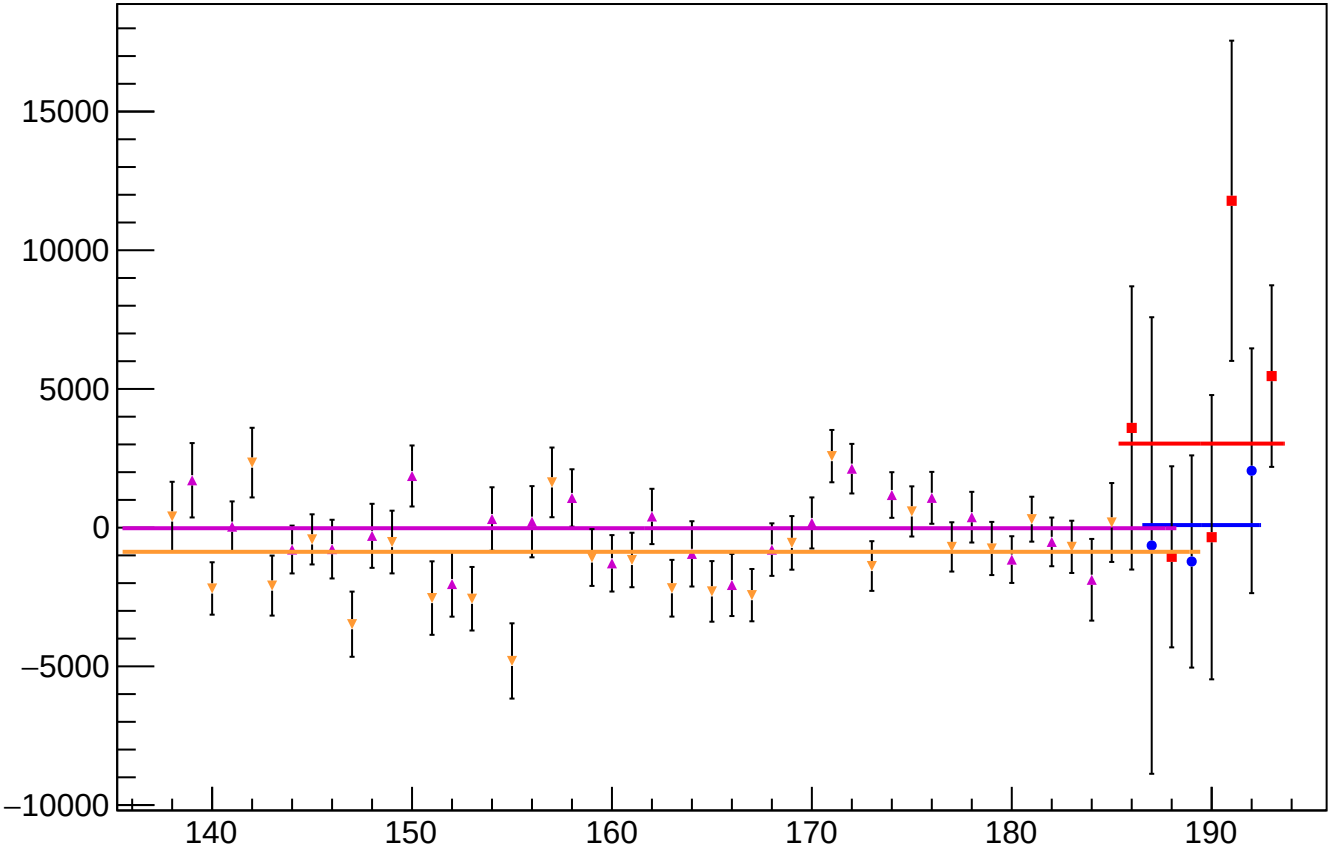
Right: 125.701+/-0.048 χ^2/NDF: 327761.7/7

In: 90.360+/-0.015 χ^2/NDF:712769.6/25

Out: 91.337+/-0.014 χ^2/NDF:1530813.6/29

All: 90.867+/-0.010 χ^2/NDF: 2245777.5/55

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 92.699+/-2726.835 χ^2/NDF: 0.3/2

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 3029.646+/-1845.253 χ^2/NDF: 4.9/4

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

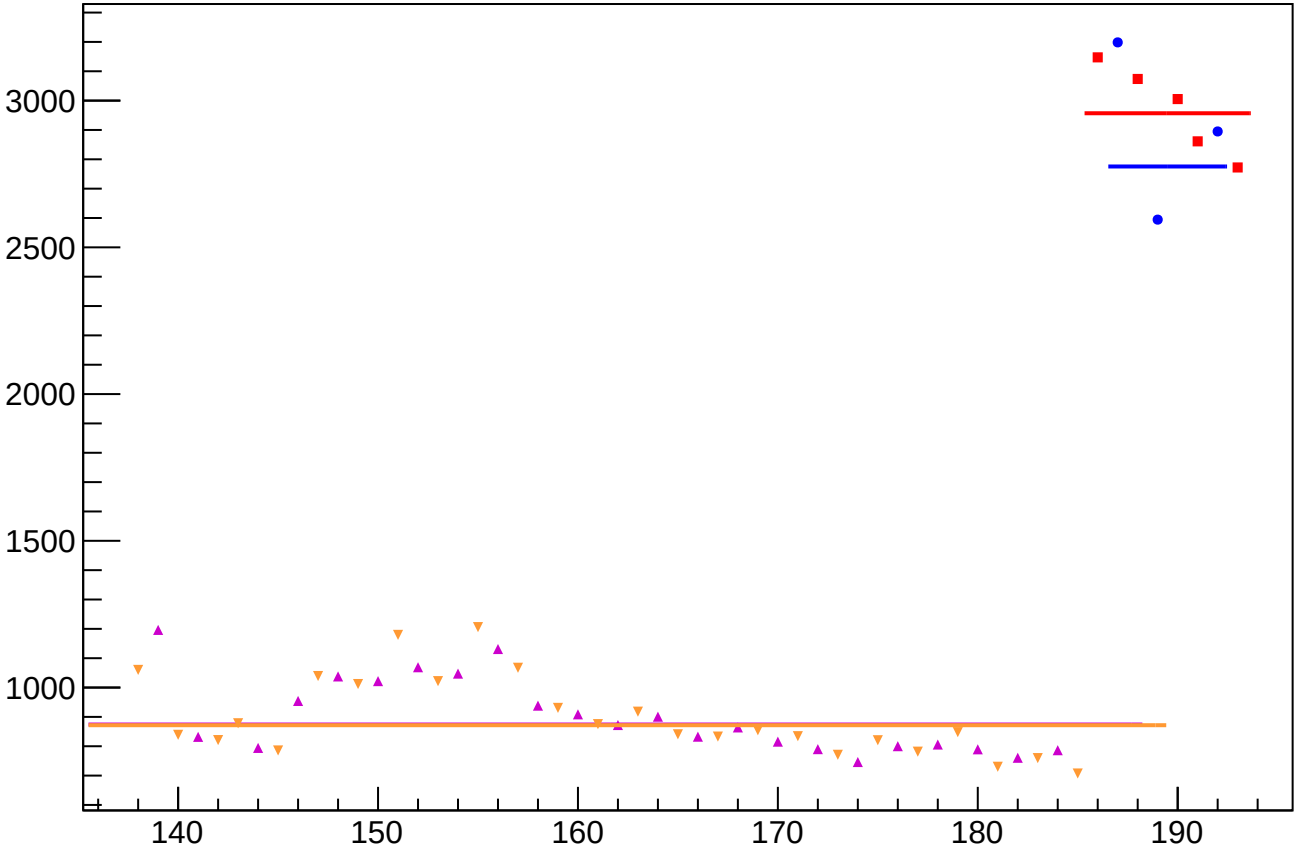
Right: 2107.170+/-1528.229 χ^2/NDF: 6.0/7

In: -19.905+/-209.555 χ^2/NDF:30.0/25

Out: -823.052+/-204.714 χ^2/NDF:66.9/29

All: -430.862+/-146.436 χ^2/NDF: 104.4/55

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 2775.538+/-1.928 χ^2/NDF: 11228.9/2

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 2956.930+/-1.305 χ^2/NDF: 12444.3/4

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

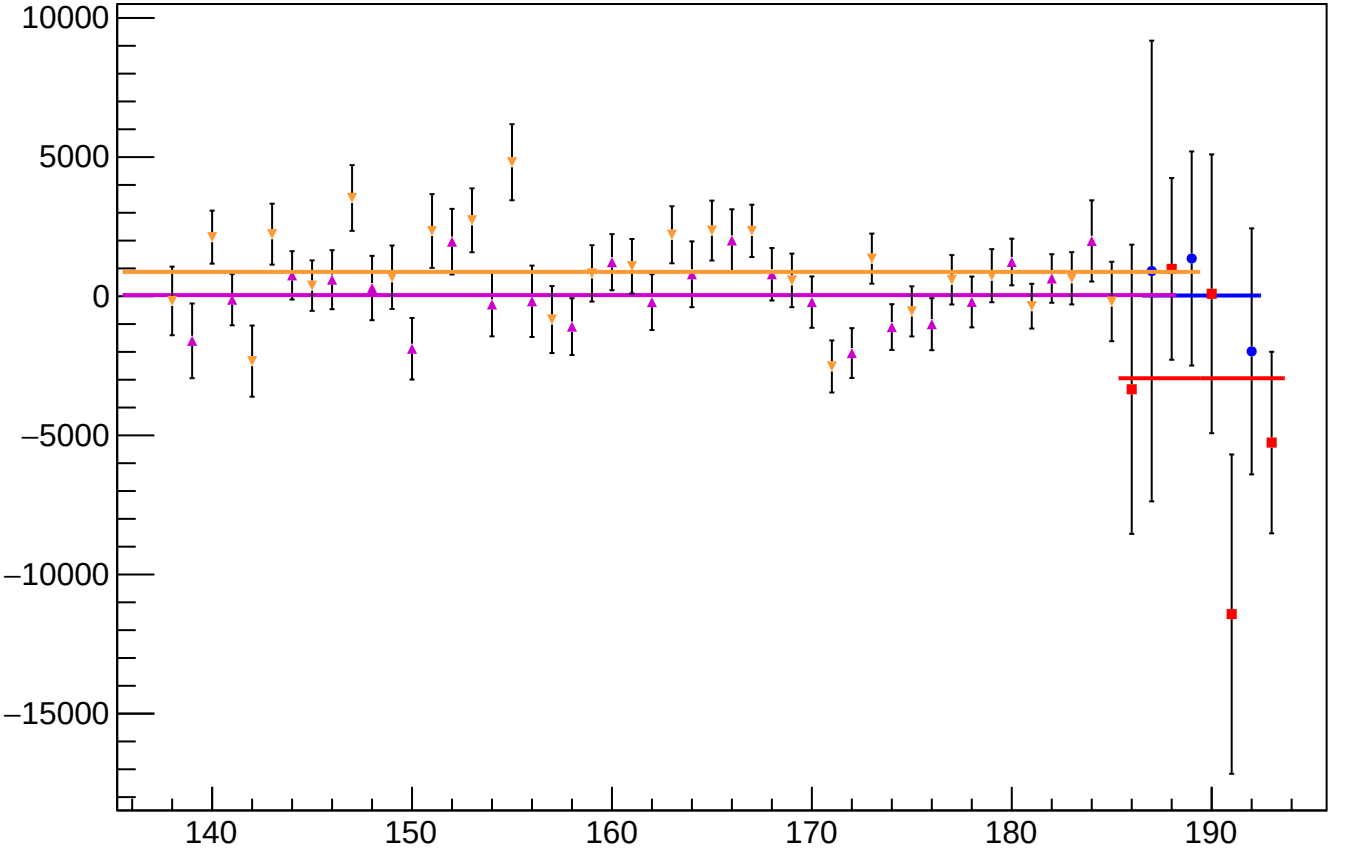
Right: 2899.956+/-1.081 χ^2/NDF: 29743.6/7

In: 885.285+/-0.148 χ^2/NDF:1556513.0/25

Out: 897.355+/-0.145 χ^2/NDF:3177465.7/29

All: 891.461+/-0.104 χ^2/NDF: 4737373.8/55

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 25.935+/-2738.514 χ^2/NDF: 0.3/2

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -2946.976+/-1841.277 χ^2/NDF: 4.5/4

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

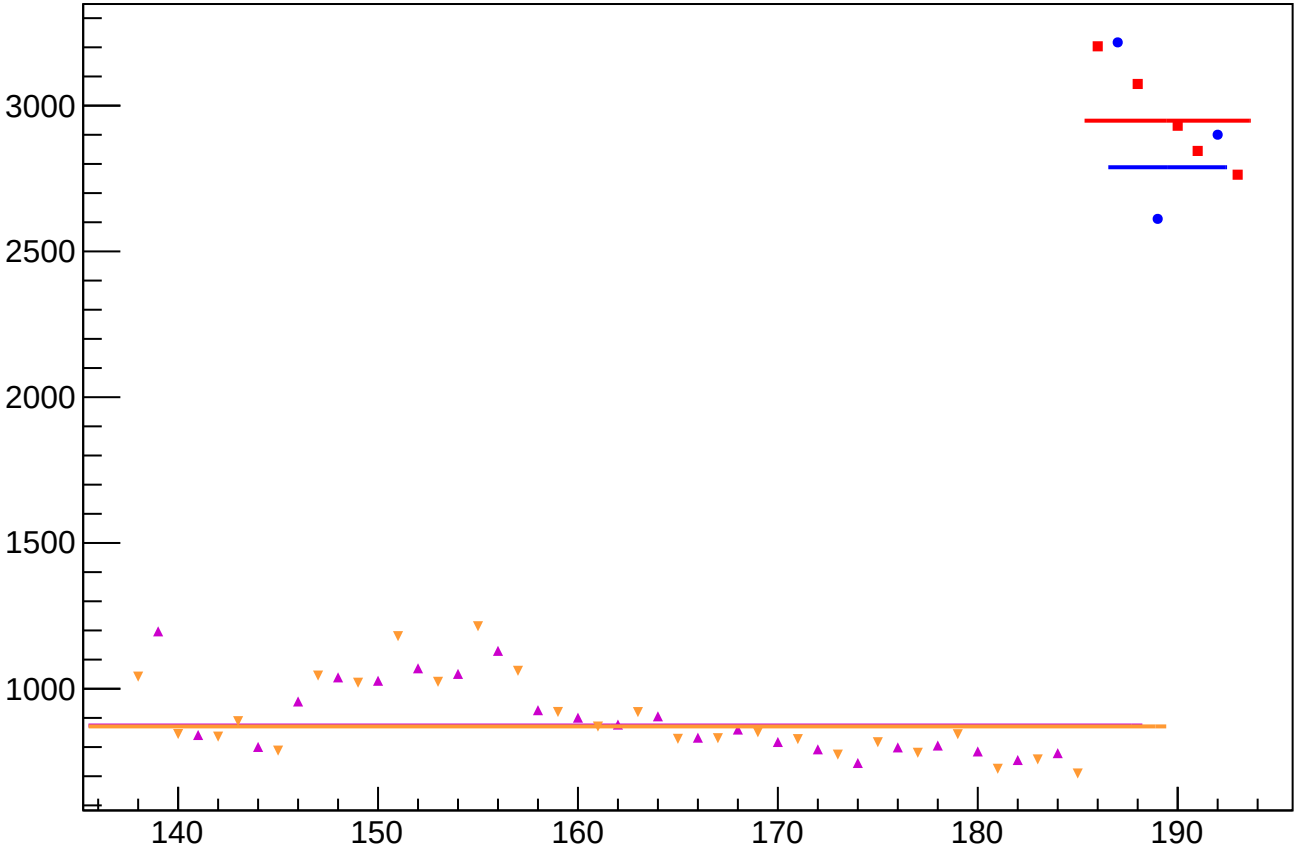
Right: -2021.422+/-1528.006 χ^2/NDF: 5.7/7

In: 41.432+/-209.592 χ^2/NDF:28.5/25

Out: 828.029+/-204.303 χ^2/NDF:63.8/29

All: 444.781+/-146.298 χ^2/NDF: 99.5/55

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 2788.655+/-1.936 χ^2/NDF: 10862.3/2

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 2948.396+/-1.302 χ^2/NDF: 14919.3/4

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

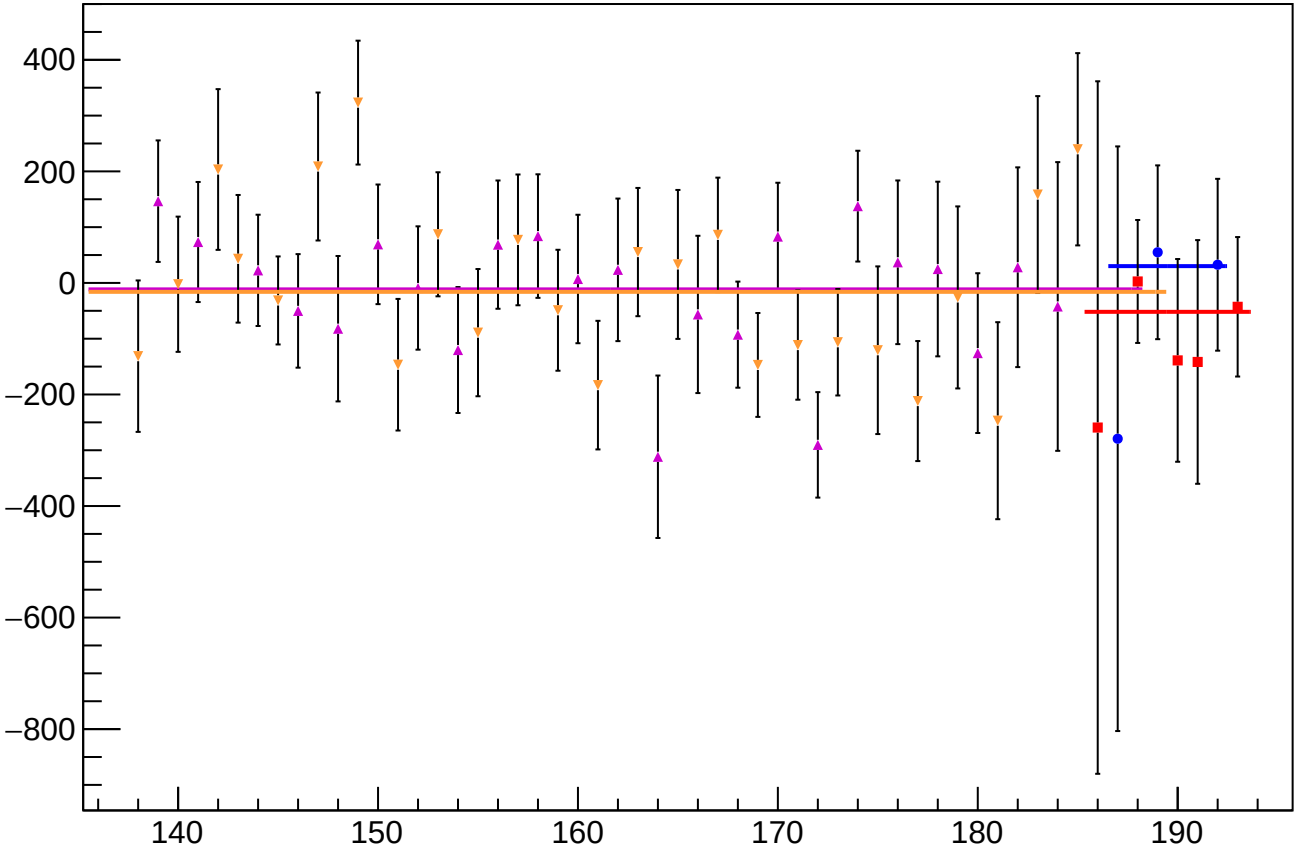
Right: 2898.664+/-1.080 χ^2/NDF: 30468.1/7

In: 885.118+/-0.148 χ^2/NDF:1566224.5/25

Out: 896.430+/-0.144 χ^2/NDF:3181572.6/29

All: 890.919+/-0.103 χ^2/NDF: 4750784.8/55

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 30.127+/-107.228 χ^2/NDF: 0.4/2

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: -51.822+/-70.693 χ^2/NDF: 0.8/4

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

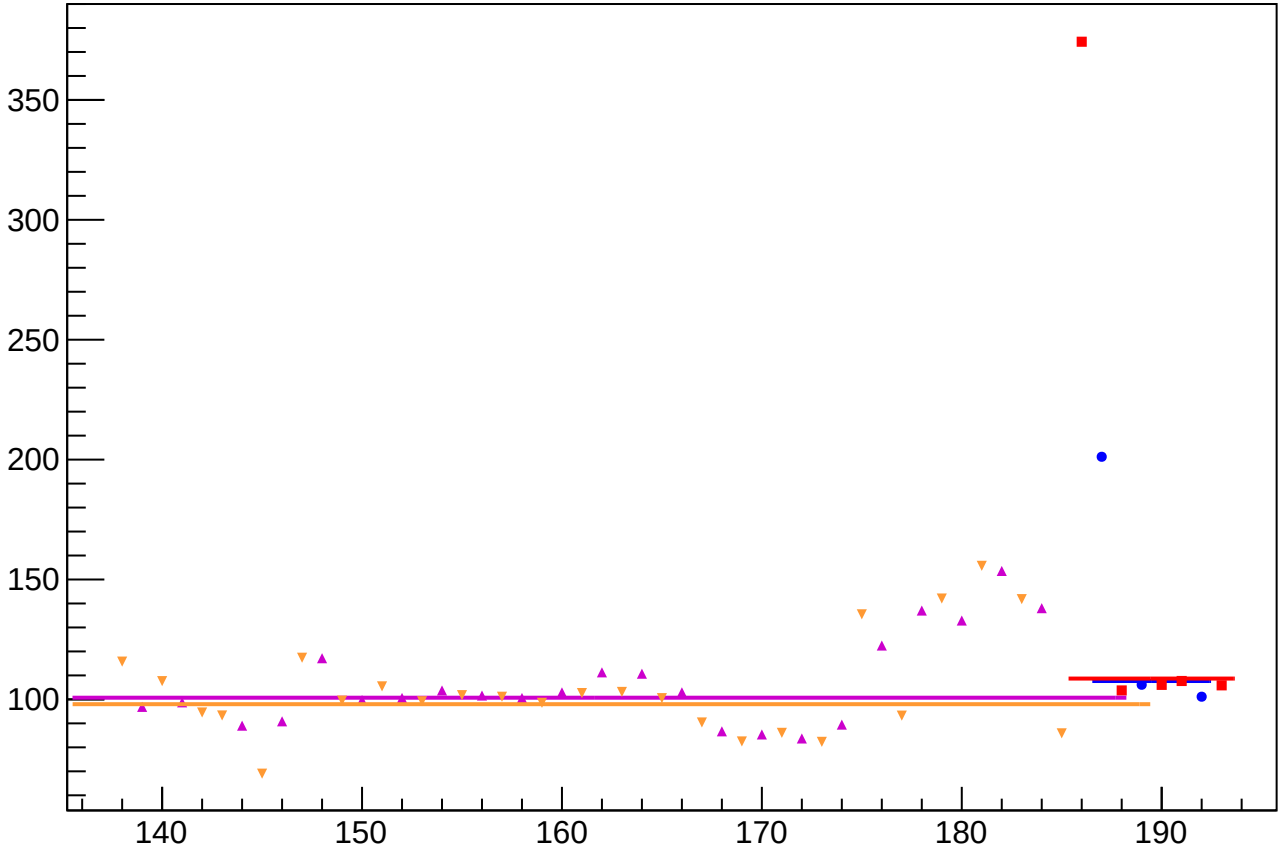
Right: -26.994+/-59.021 χ^2/NDF: 1.5/7

In: -9.515+/-23.803 χ^2/NDF:24.5/25

Out: -19.491+/-22.195 χ^2/NDF:35.9/29

All: -14.851+/-16.233 χ^2/NDF: 60.5/55

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 107.667+/-0.076 χ^2/NDF: 67485.8/2

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 108.686+/-0.050 χ^2/NDF: 371556.3/4

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

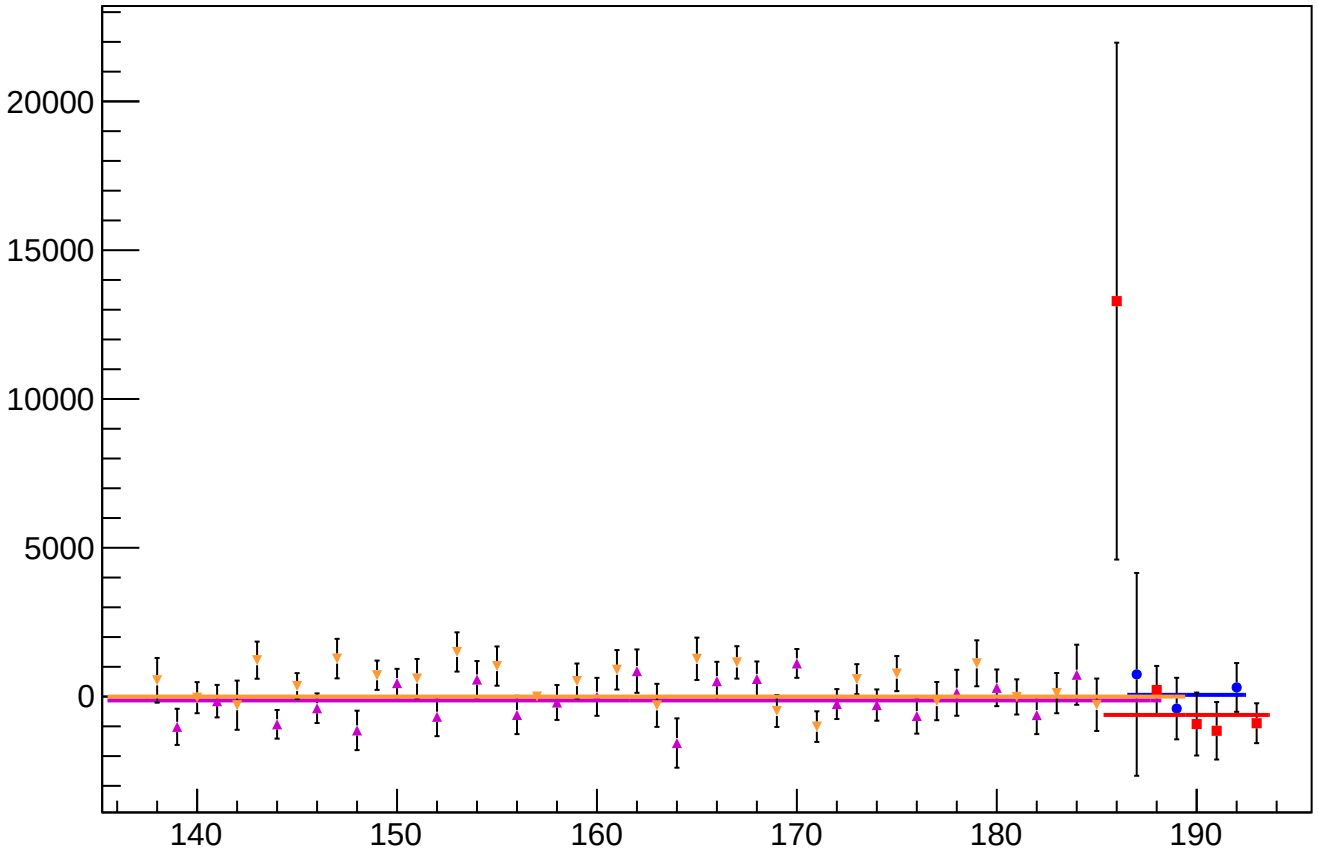
Right: 108.377+/-0.042 χ^2/NDF: 439167.9/7

In: 101.047+/-0.017 χ^2/NDF:835427.6/25

Out: 99.054+/-0.016 χ^2/NDF:1567758.7/29

All: 99.981+/-0.011 χ^2/NDF: 2410680.9/55

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 57.639+/-631.222 χ^2/NDF: 0.3/2

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -617.218+/-417.503 χ^2/NDF: 4.2/4

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

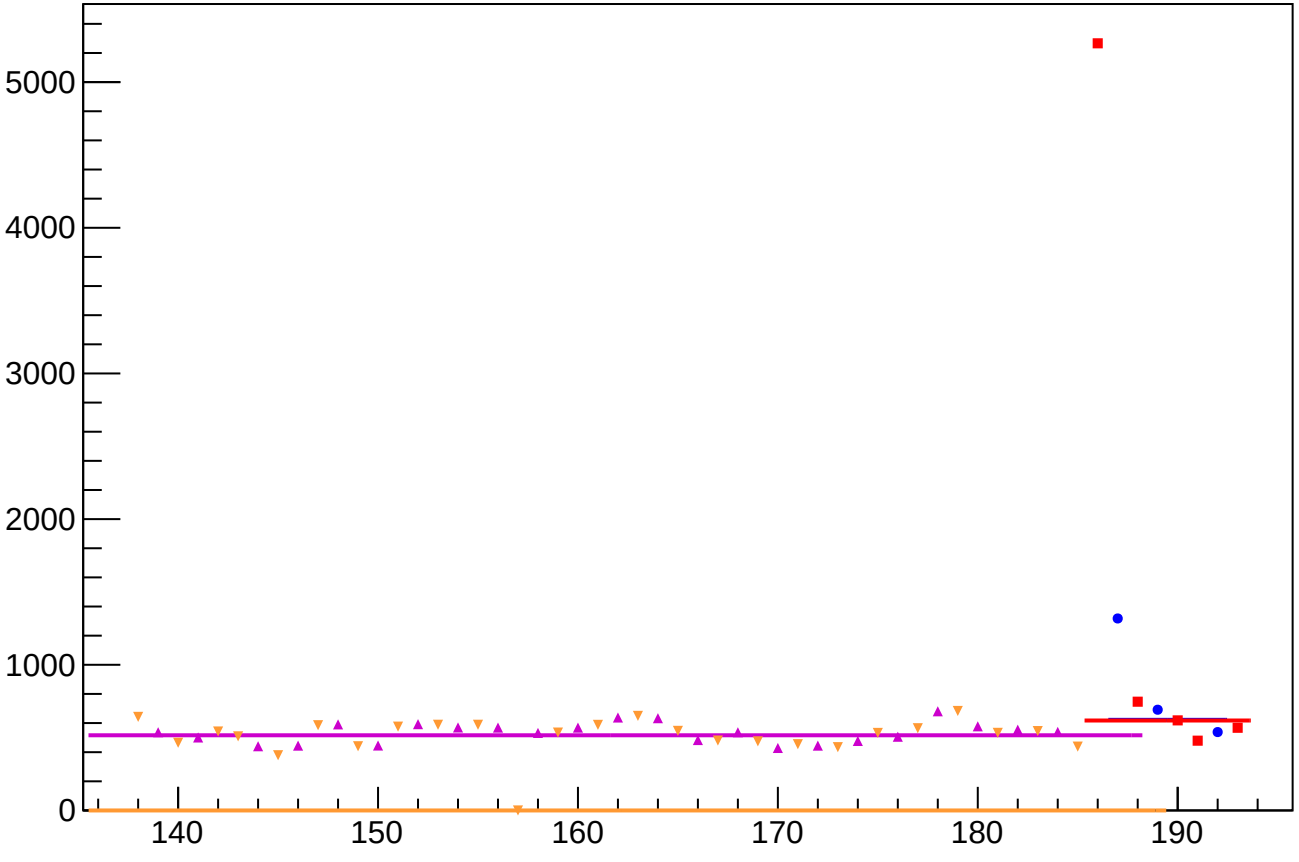
Right: -411.834+/-348.225 χ^2/NDF: 5.3/7

In: -122.129+/-121.908 χ^2/NDF:28.7/25

Out: -0.000+/-0.000 χ^2/NDF:46.2/29

All: -0.000+/-0.000 χ^2/NDF: 76.0/55

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 622.060+/-0.446 χ^2/NDF: 113374.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 617.496+/-0.295 χ^2/NDF: 676270.2/4

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

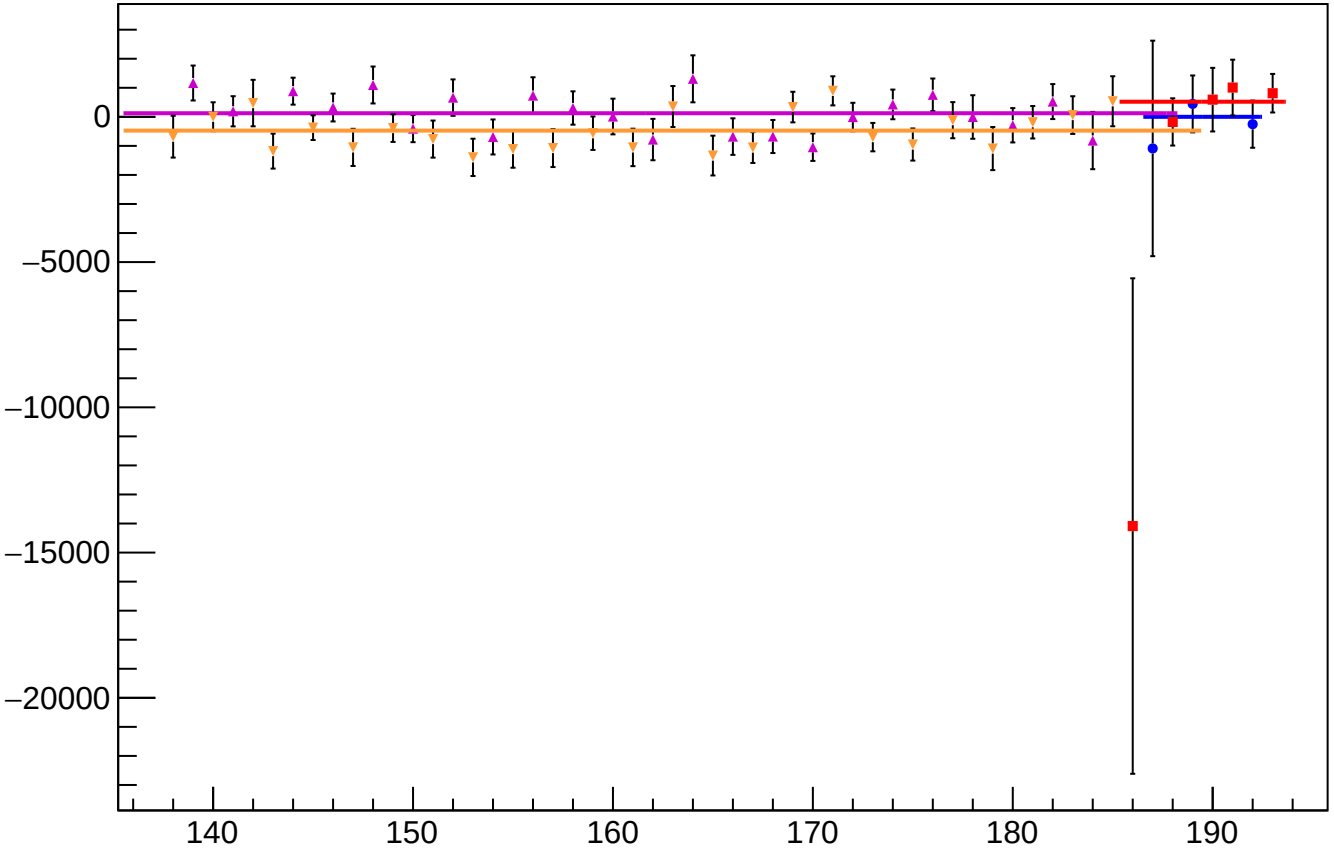
Right: 618.885+/-0.246 χ^2/NDF: 789717.4/7

In: 520.072+/-0.086 χ^2/NDF:739354.0/25

Out: 0.000+/-0.000 χ^2/NDF:40025364.6/29

All: 0.000+/-0.000 χ^2/NDF: 77164175.9/55

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.351+/-616.586 χ^2/NDF: 0.4/2

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 520.408+/-418.325 χ^2/NDF: 4.1/4

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

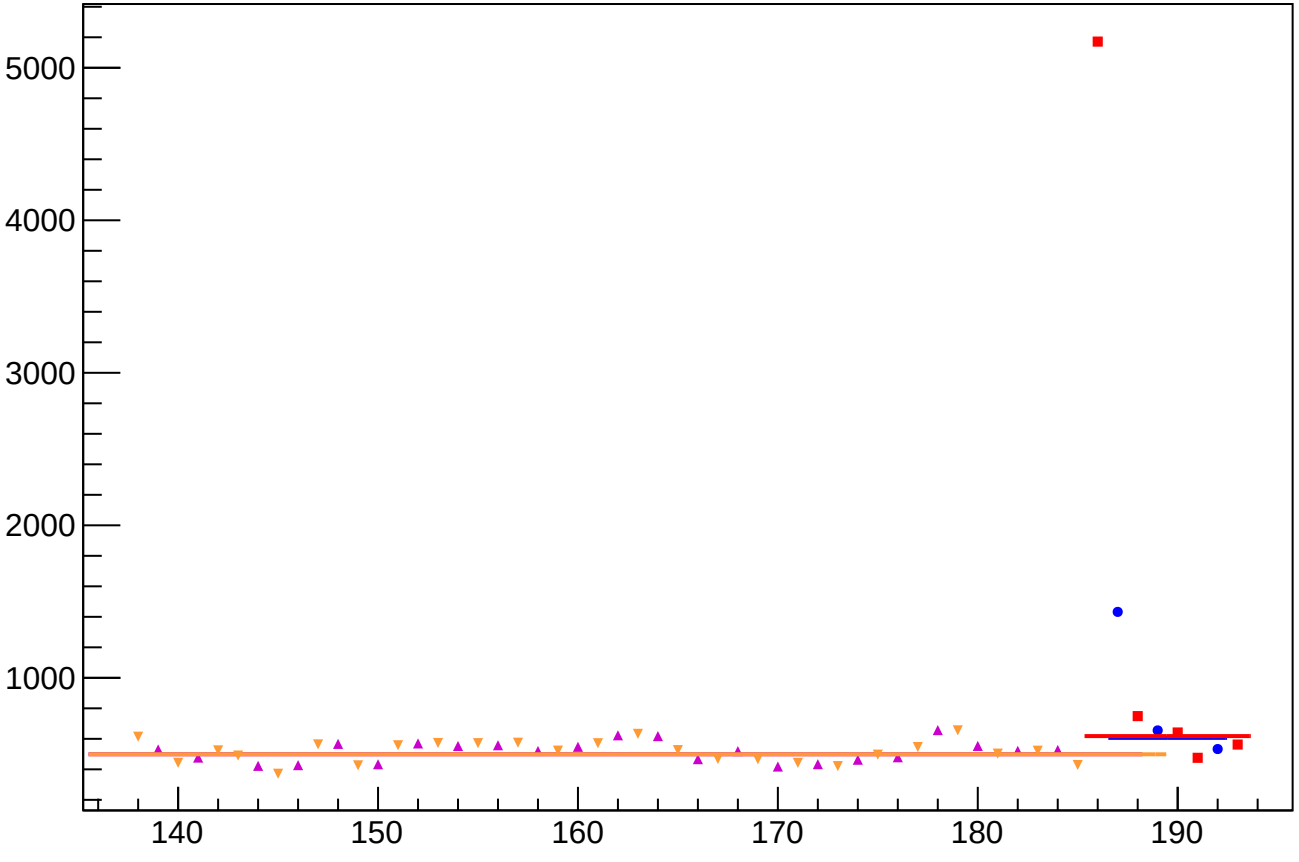
Right: 356.482+/-346.173 χ^2/NDF: 5.0/7

In: 119.493+/-117.994 χ^2/NDF:30.6/25

Out: -400.615+/-113.548 χ^2/NDF:37.3/29

All: -150.545+/-81.817 χ^2/NDF: 78.0/55

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 606.403+/-0.436 χ^2/NDF: 120440.6/2

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 618.026+/-0.296 χ^2/NDF: 680966.6/4

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

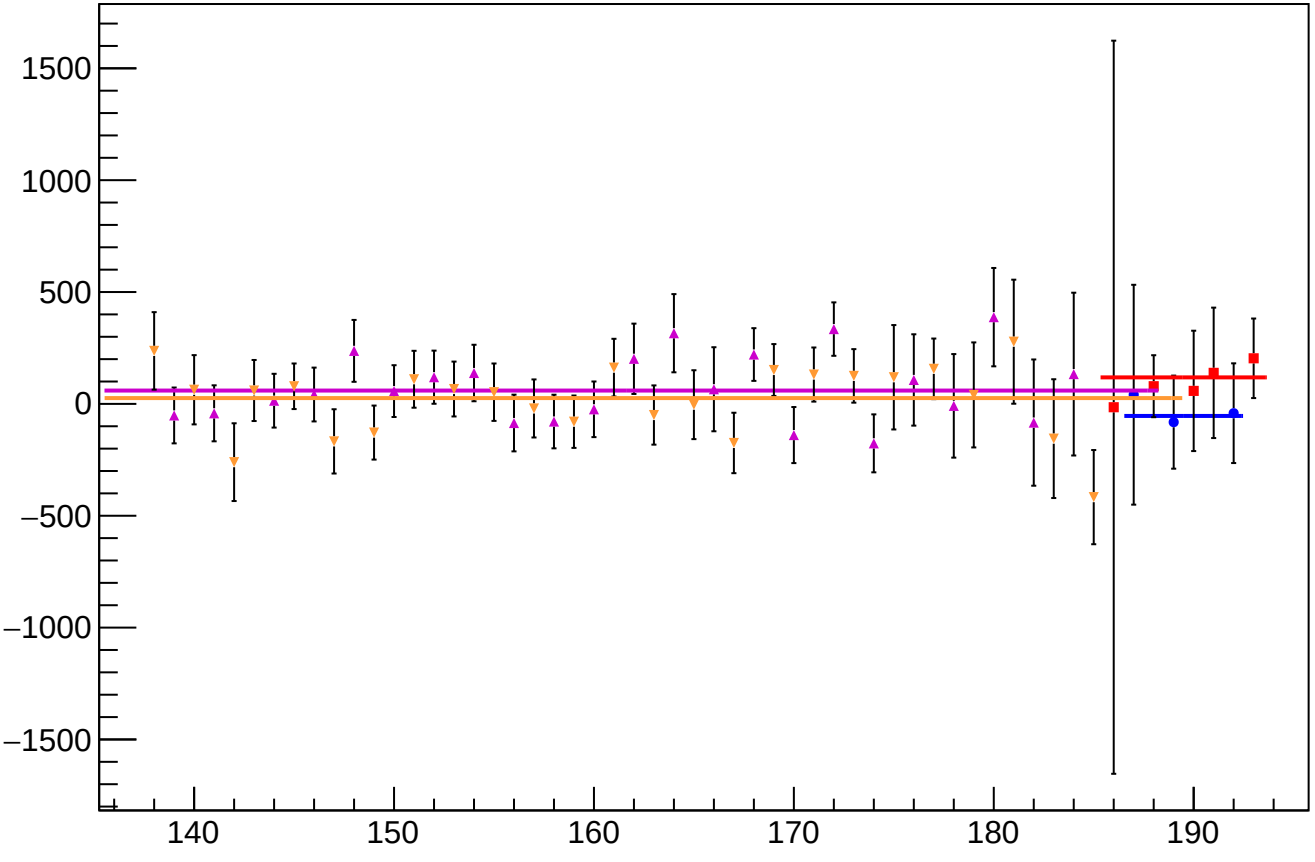
Right: 614.362+/-0.245 χ^2/NDF: 801893.9/7

In: 502.774+/-0.083 χ^2/NDF:751416.3/25

Out: 507.457+/-0.080 χ^2/NDF:1566457.0/29

All: 505.205+/-0.058 χ^2/NDF: 2319508.6/55

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -53.879+/-145.281 χ^2/NDF: 0.1/2

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: 118.449+/-95.468 χ^2/NDF: 0.4/4

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

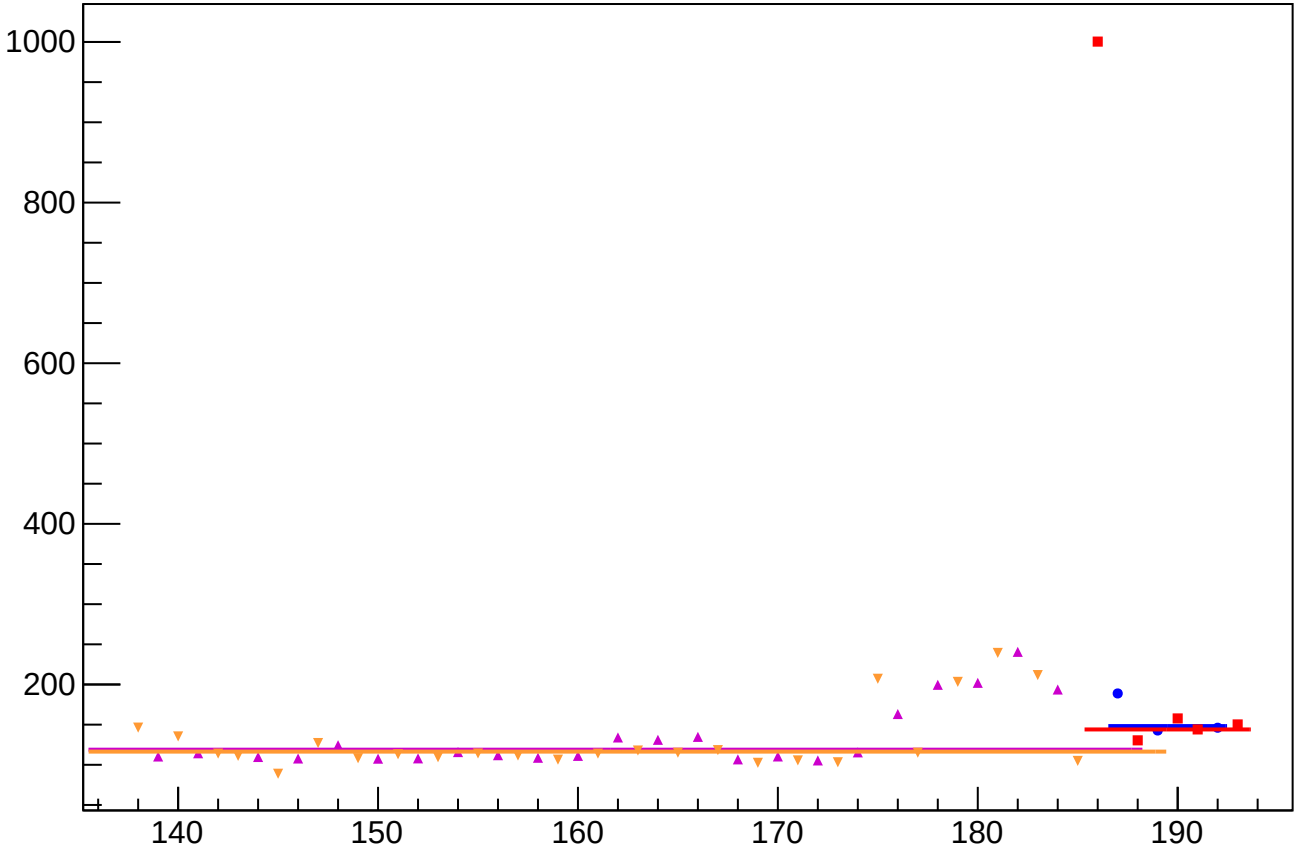
Right: 66.477+/-79.784 χ^2/NDF: 1.4/7

In: 55.202+/-28.612 χ^2/NDF:26.3/25

Out: 33.325+/-26.975 χ^2/NDF:23.9/29

All: 43.620+/-19.627 χ^2/NDF: 50.5/55

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 148.202+/-0.103 χ^2/NDF: 15246.0/2

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 144.015+/-0.068 χ^2/NDF: 573243.5/4

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

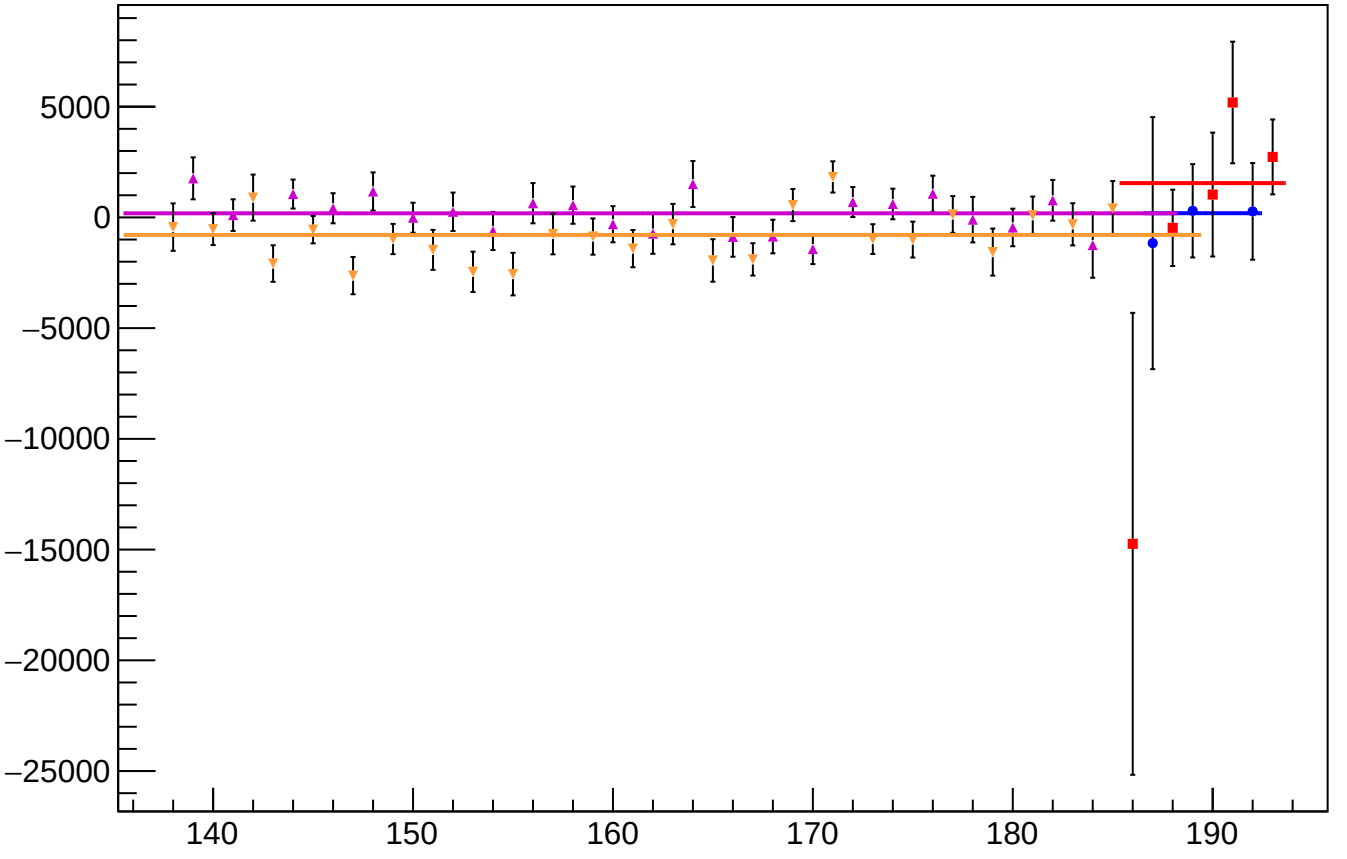
Right: 145.277+/-0.056 χ^2/NDF: 589649.8/7

In: 119.961+/-0.020 χ^2/NDF:1383044.7/25

Out: 118.630+/-0.019 χ^2/NDF:2316586.2/29

All: 119.256+/-0.014 χ^2/NDF: 3701924.6/55

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 189.522+/-1464.575 χ^2/NDF: 0.1/2

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 1549.213+/-1022.779 χ^2/NDF: 6.1/4

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

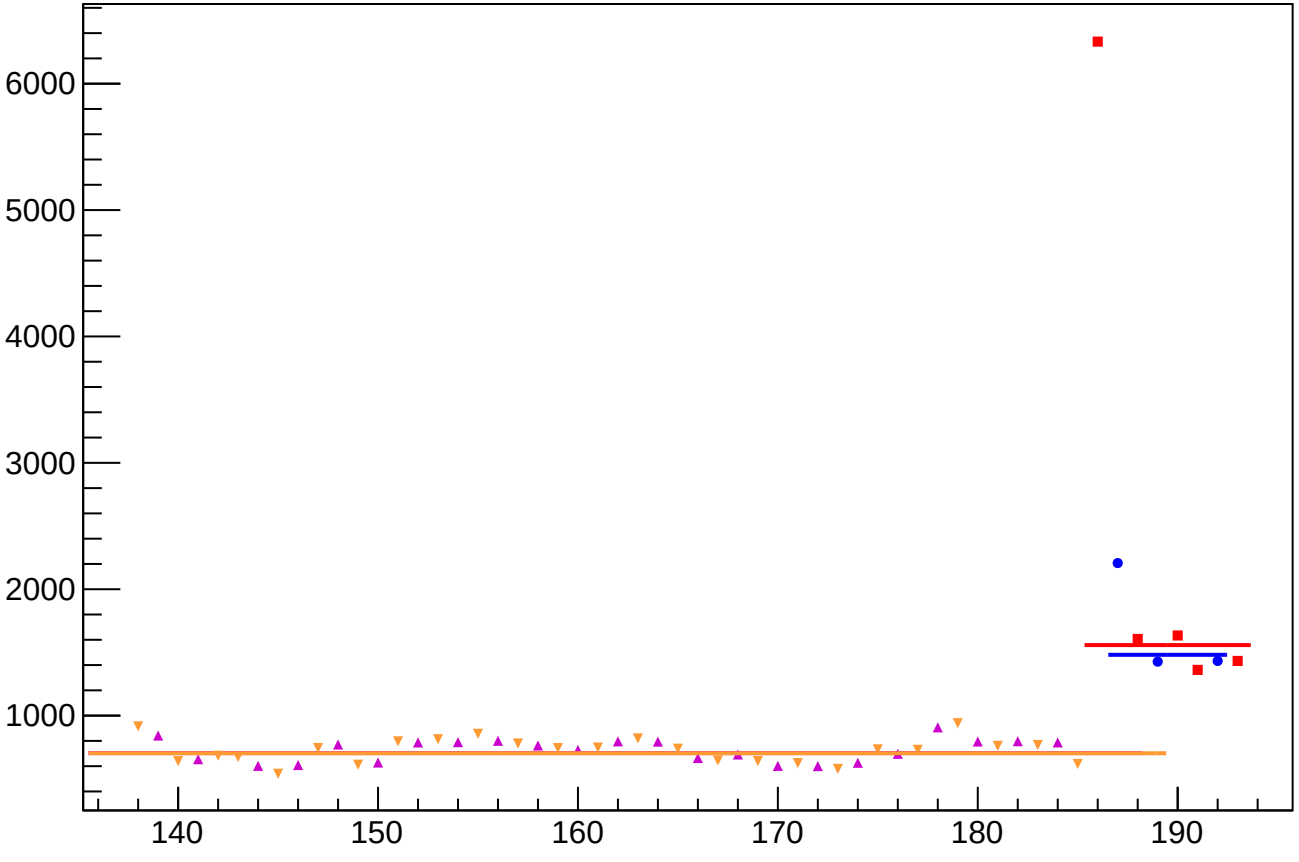
Right: 1103.486+/-838.545 χ^2/NDF: 6.7/7

In: 185.248+/-168.057 χ^2/NDF:23.5/25

Out: -731.895+/-163.828 χ^2/NDF:54.8/29

All: -285.008+/-117.310 χ^2/NDF: 93.6/55

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1481.085+/-1.036 χ^2/NDF: 34870.3/2

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1558.161+/-0.723 χ^2/NDF: 443460.6/4

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

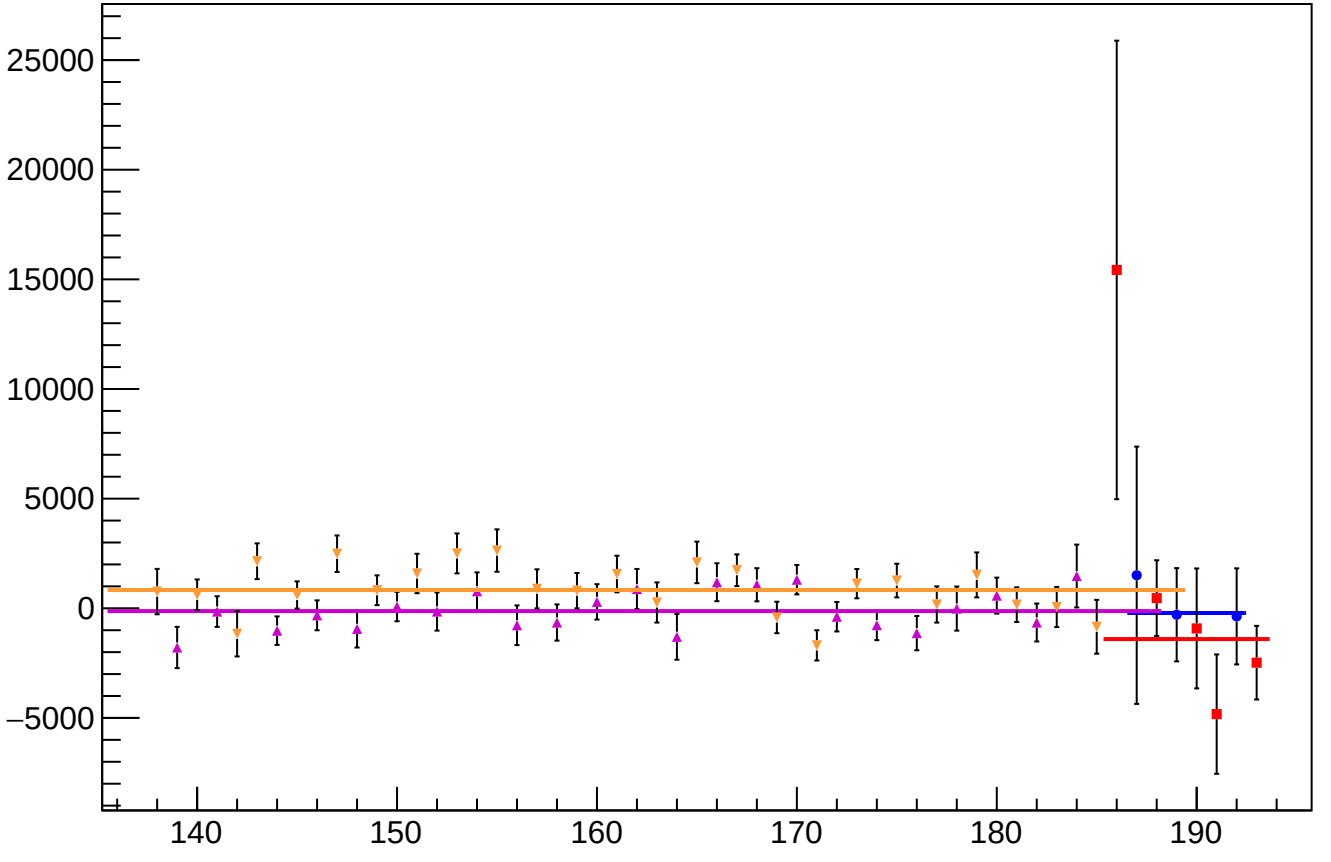
Right: 1532.894+/-0.593 χ^2/NDF: 482054.3/7

In: 713.945+/-0.119 χ^2/NDF:1124491.0/25

Out: 724.115+/-0.116 χ^2/NDF:2500019.0/29

All: 719.160+/-0.083 χ^2/NDF: 3628264.9/55

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -214.933+/-1477.073 χ^2/NDF: 0.1/2

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -1403.992+/-1016.654 χ^2/NDF: 5.8/4

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

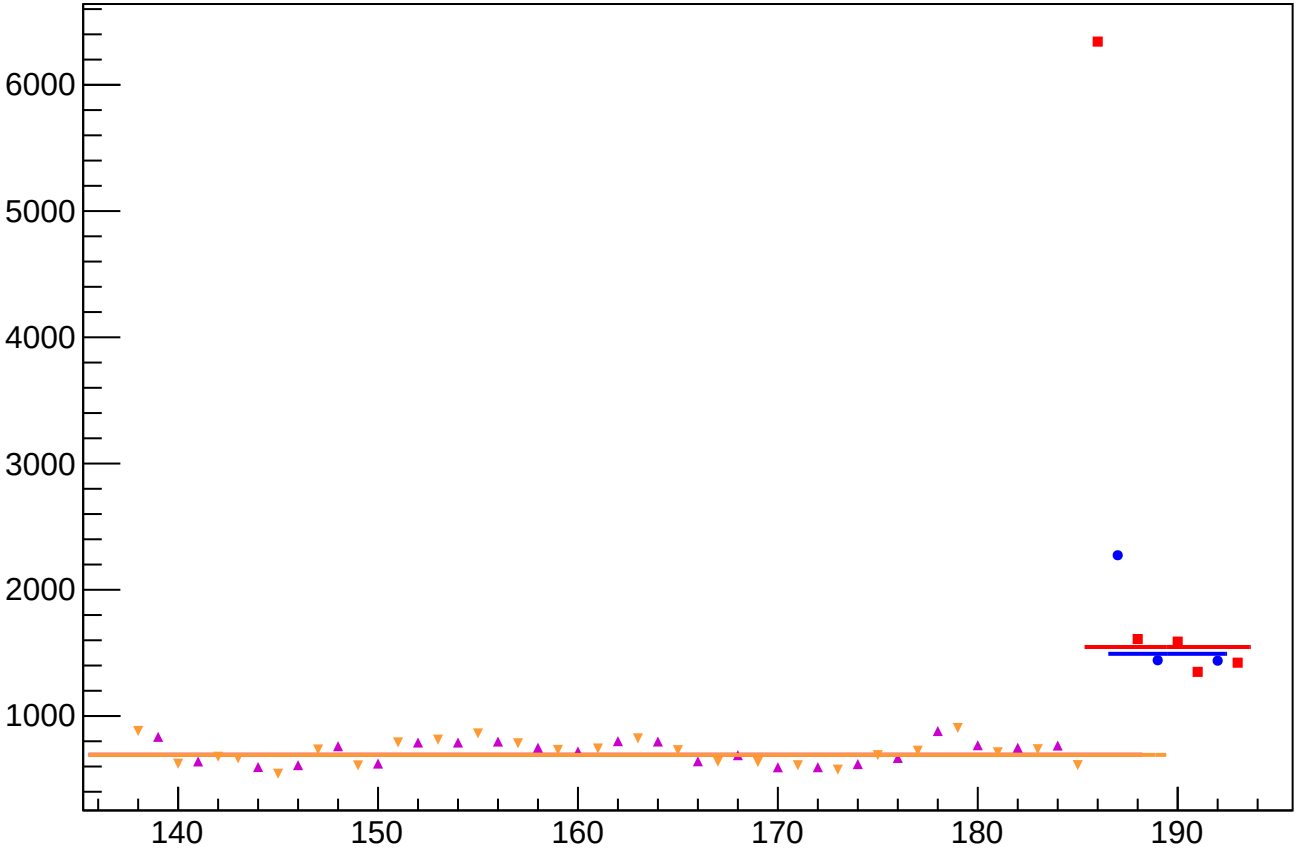
Right: -1021.762+/-837.457 χ^2/NDF: 6.3/7

In: -129.214+/-165.811 χ^2/NDF:25.4/25

Out: 776.215+/-161.357 χ^2/NDF:54.3/29

All: 335.826+/-115.639 χ^2/NDF: 95.0/55

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 1492.848+/-1.044 χ^2/NDF: 37815.1/2

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1546.738+/-0.719 χ^2/NDF: 445334.9/4

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

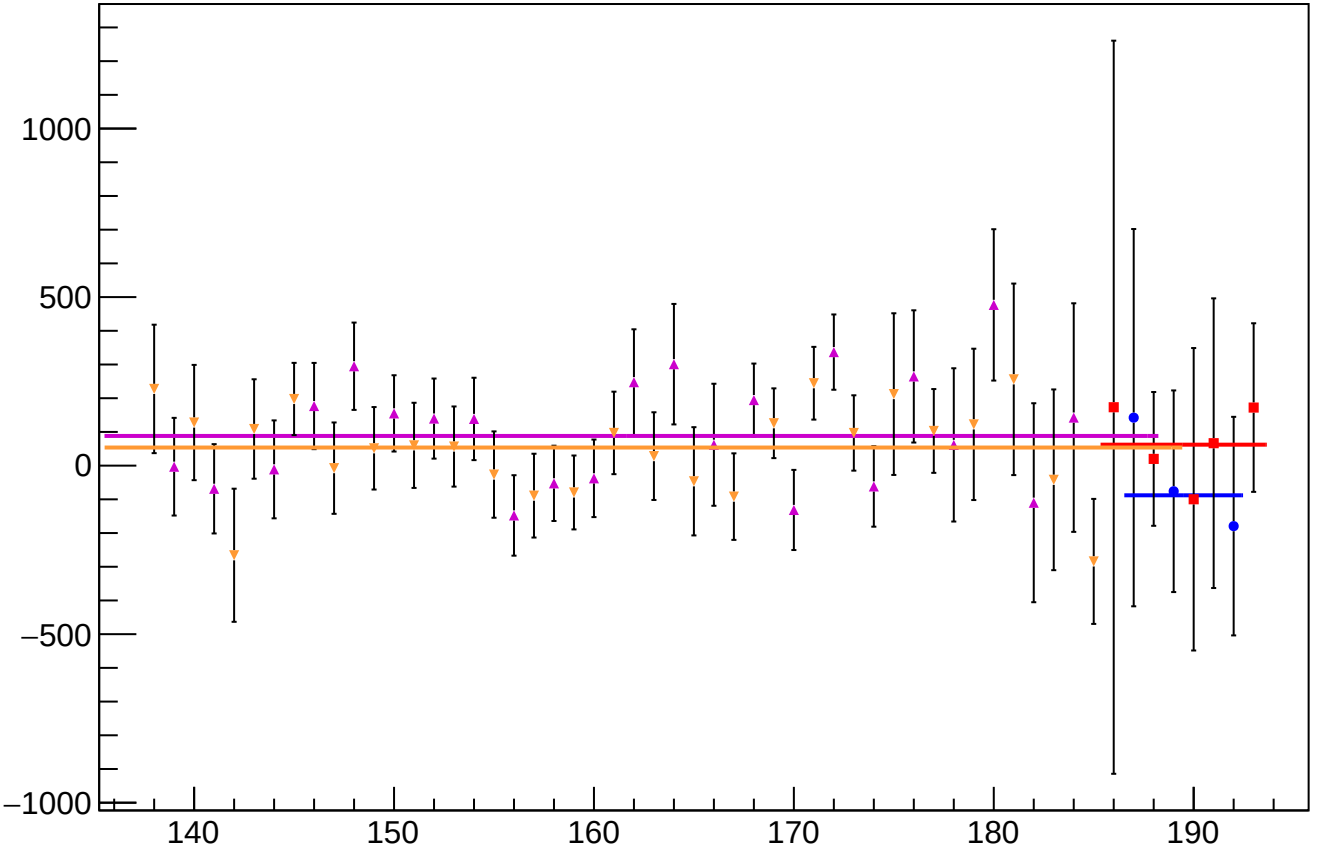
Right: 1529.415+/-0.592 χ^2/NDF: 484956.5/7

In: 703.687+/-0.117 χ^2/NDF:1136690.2/25

Out: 713.600+/-0.114 χ^2/NDF:2480810.4/29

All: 708.778+/-0.082 χ^2/NDF: 3621172.0/55

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -88.018+/-204.626 χ^2/NDF: 0.3/2

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 62.189+/-137.871 χ^2/NDF: 0.4/4

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

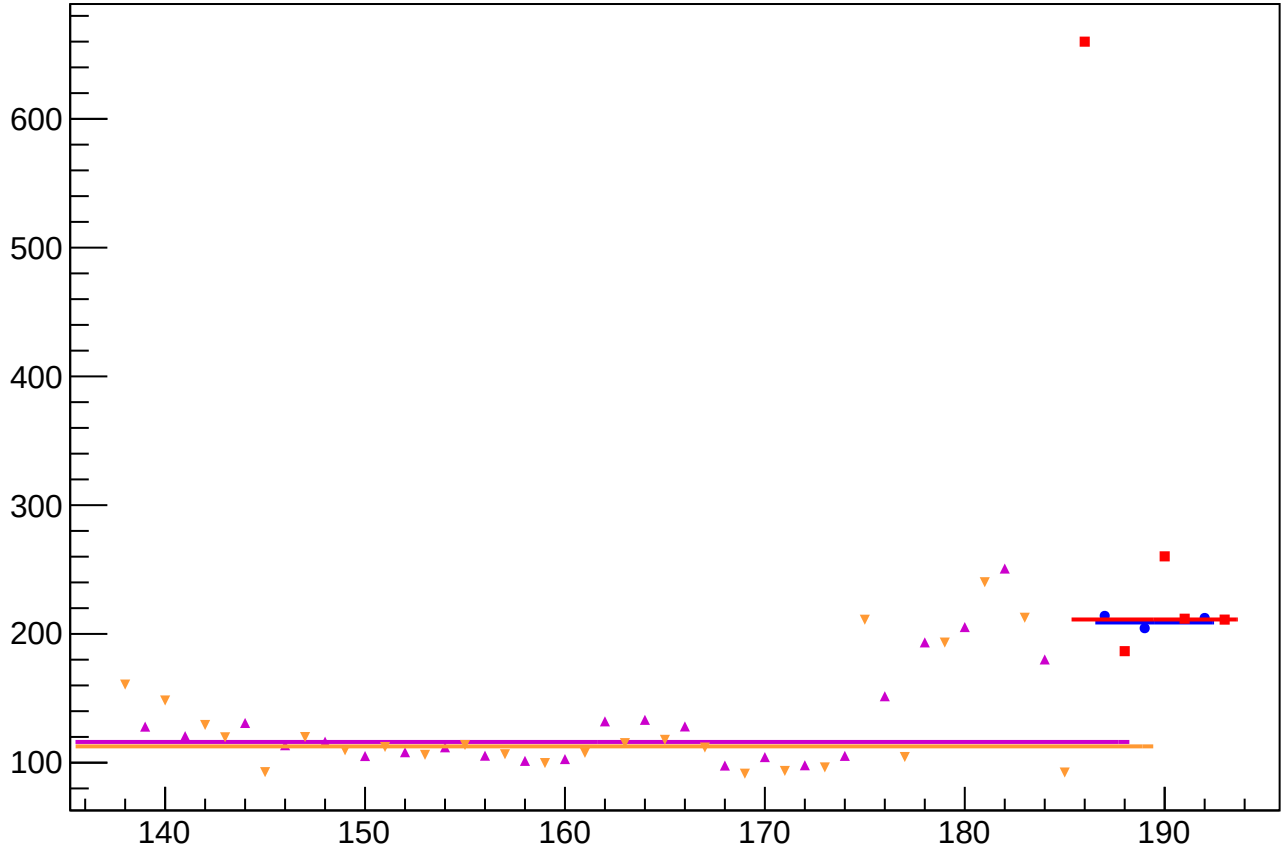
Right: 15.290+/-114.339 χ^2/NDF: 1.0/7

In: 84.672+/-28.484 χ^2/NDF:31.3/25

Out: 54.025+/-26.933 χ^2/NDF:19.6/29

All: 68.492+/-19.570 χ^2/NDF: 51.6/55

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 208.898+/-0.145 χ^2/NDF: 846.9/2

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 211.216+/-0.097 χ^2/NDF: 395179.4/4

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

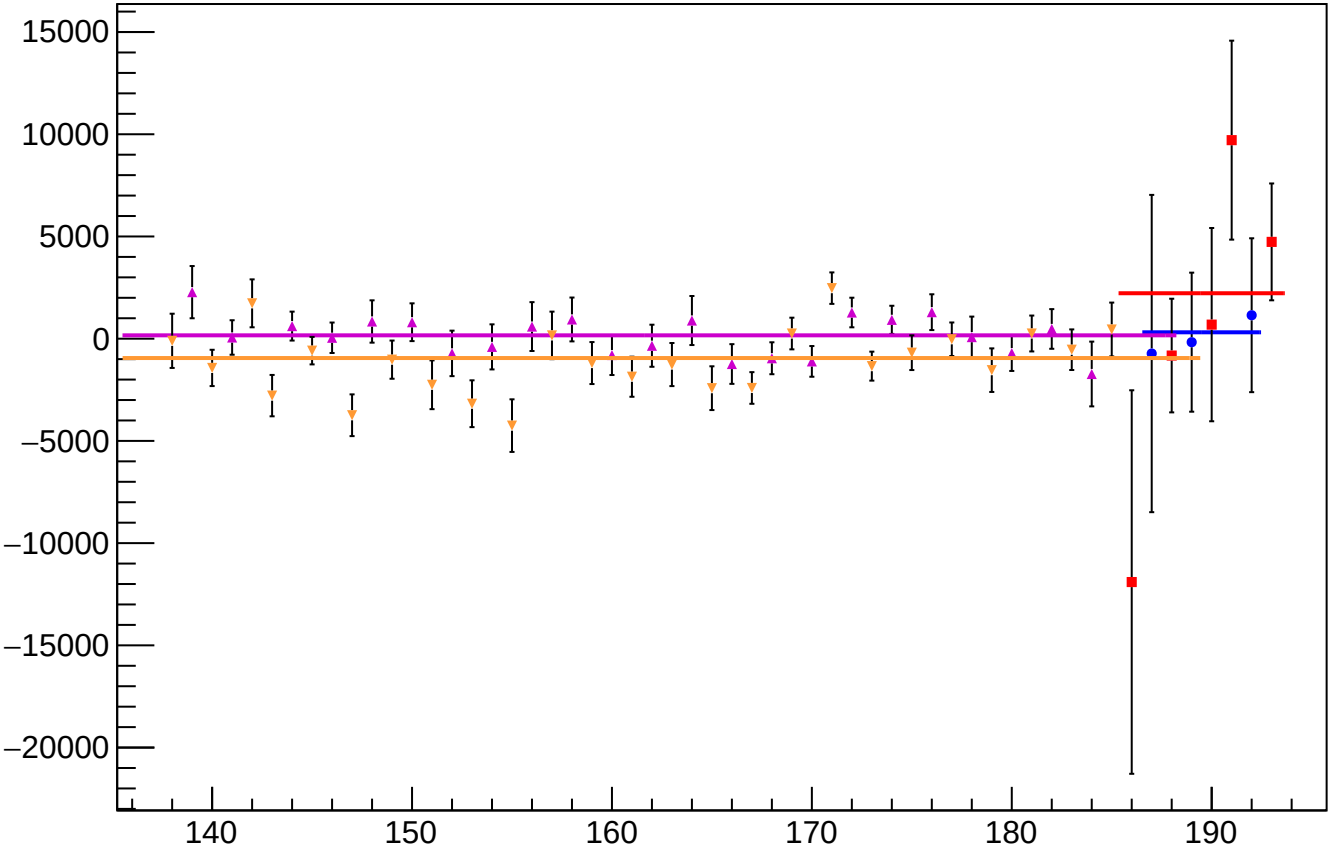
Right: 210.492+/-0.081 χ^2/NDF: 396203.0/7

In: 117.906+/-0.020 χ^2/NDF:1843013.7/25

Out: 116.429+/-0.019 χ^2/NDF:3229482.3/29

All: 117.126+/-0.014 χ^2/NDF: 5075334.8/55

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 312.440+/-2399.491 χ^2/NDF: 0.1/2

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 2223.143+/-1689.748 χ^2/NDF: 6.7/4

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

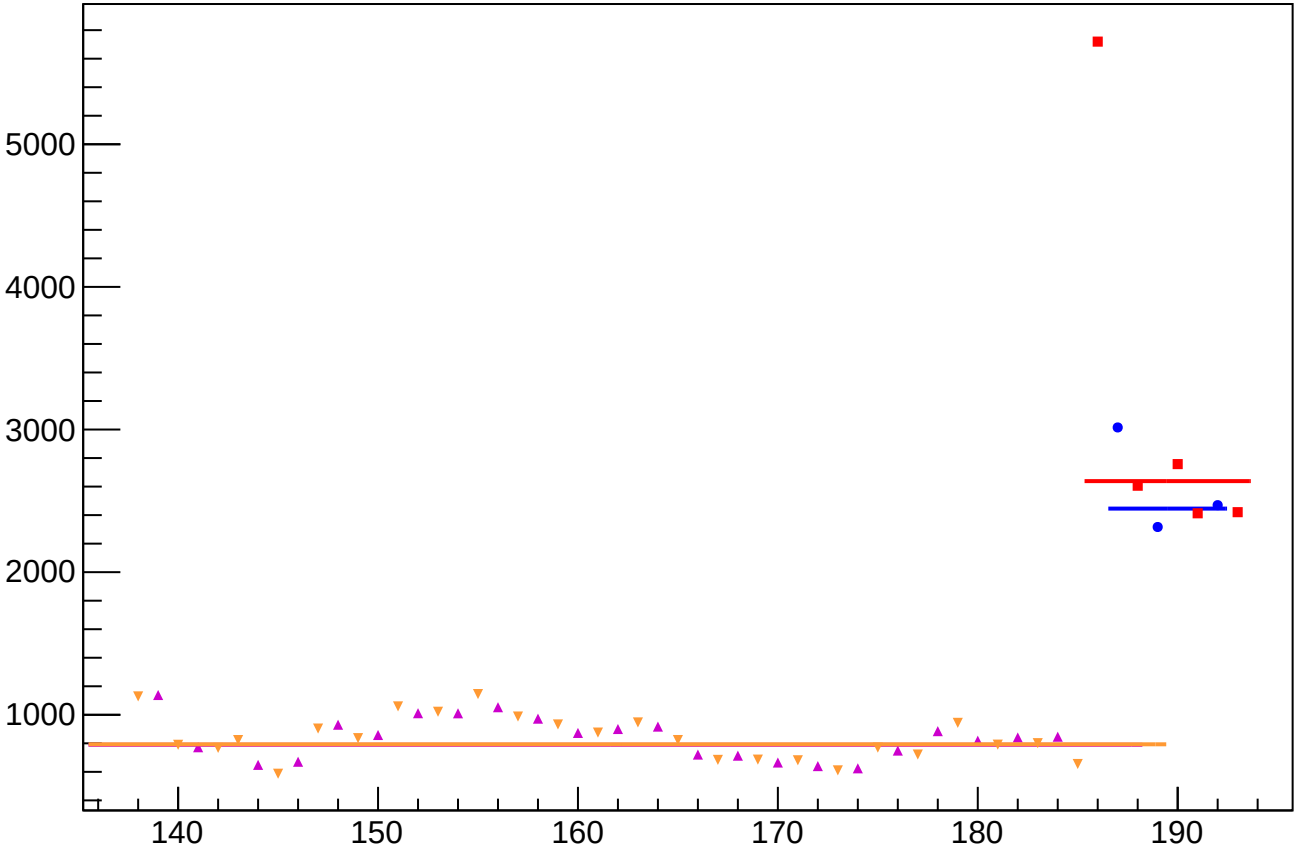
Right: 1589.722+/-1381.557 χ^2/NDF: 7.2/7

In: 165.136+/-190.527 χ^2/NDF:22.1/25

Out: -907.385+/-187.503 χ^2/NDF:73.5/29

All: -379.704+/-133.641 χ^2/NDF: 111.7/55

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2445.674+/-1.697 χ^2/NDF: 13710.3/2

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2638.354+/-1.195 χ^2/NDF: 233272.2/4

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

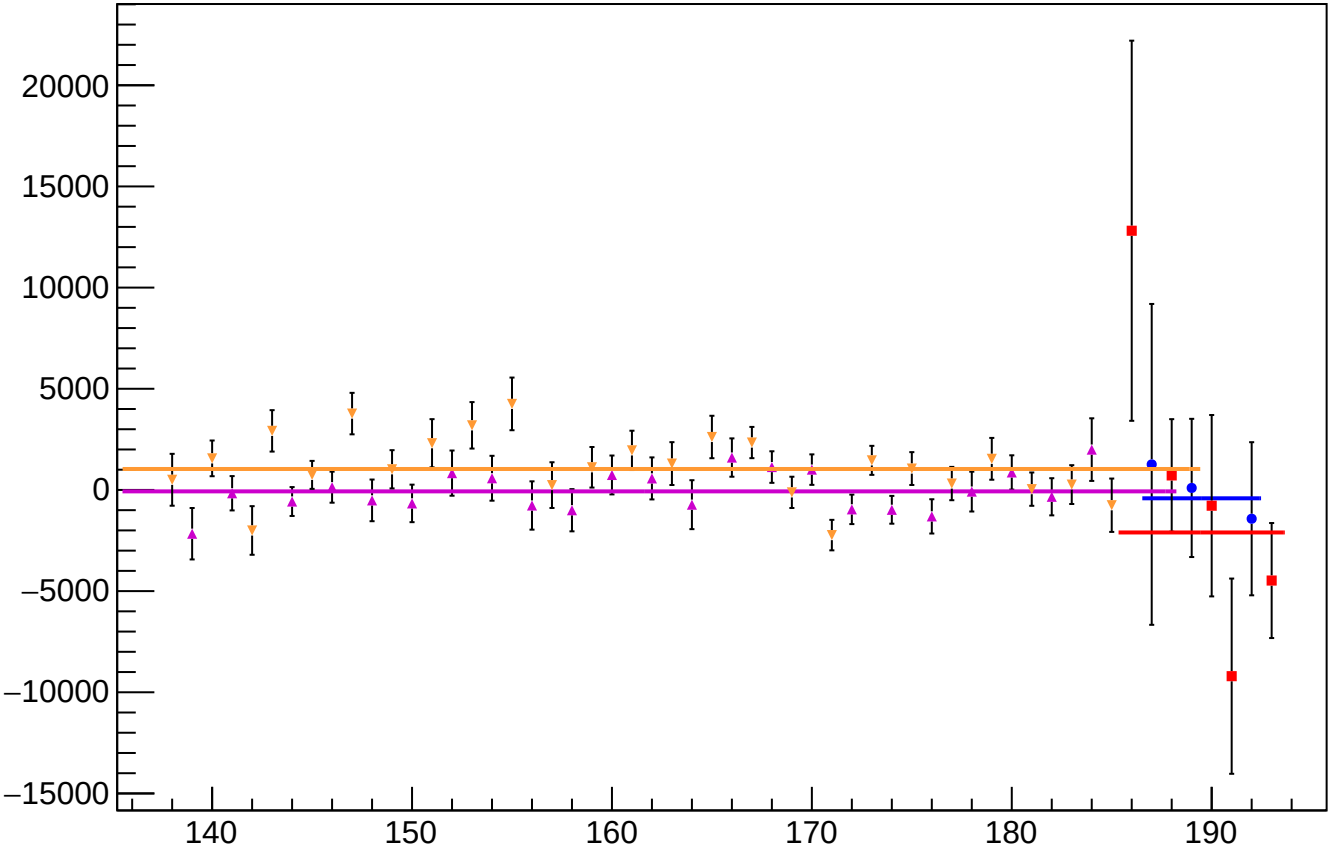
Right: 2574.478+/-0.977 χ^2/NDF: 255603.5/7

In: 800.140+/-0.135 χ^2/NDF:1980238.9/25

Out: 815.875+/-0.133 χ^2/NDF:3747675.6/29

All: 808.133+/-0.094 χ^2/NDF: 5734844.3/55

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -413.499+/-2414.839 χ^2/NDF: 0.1/2

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -2101.546+/-1673.288 χ^2/NDF: 6.5/4

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

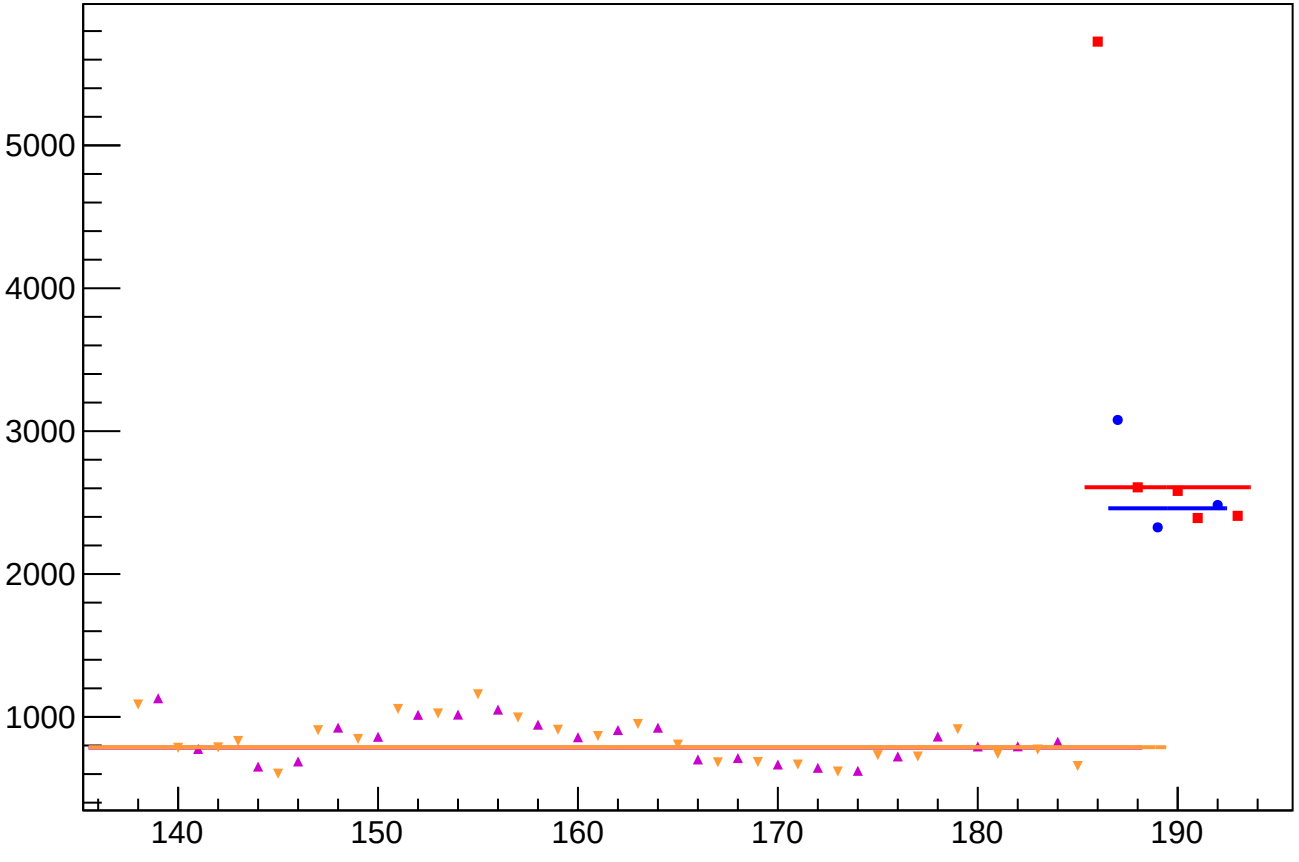
Right: -1553.966+/-1375.371 χ^2/NDF: 7.0/7

In: -72.963+/-189.569 χ^2/NDF:23.6/25

Out: 996.807+/-186.082 χ^2/NDF:71.3/29

All: 471.850+/-132.795 χ^2/NDF: 111.1/55

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2460.045+/-1.708 χ^2/NDF: 15294.5/2

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2607.390+/-1.183 χ^2/NDF: 234414.6/4

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

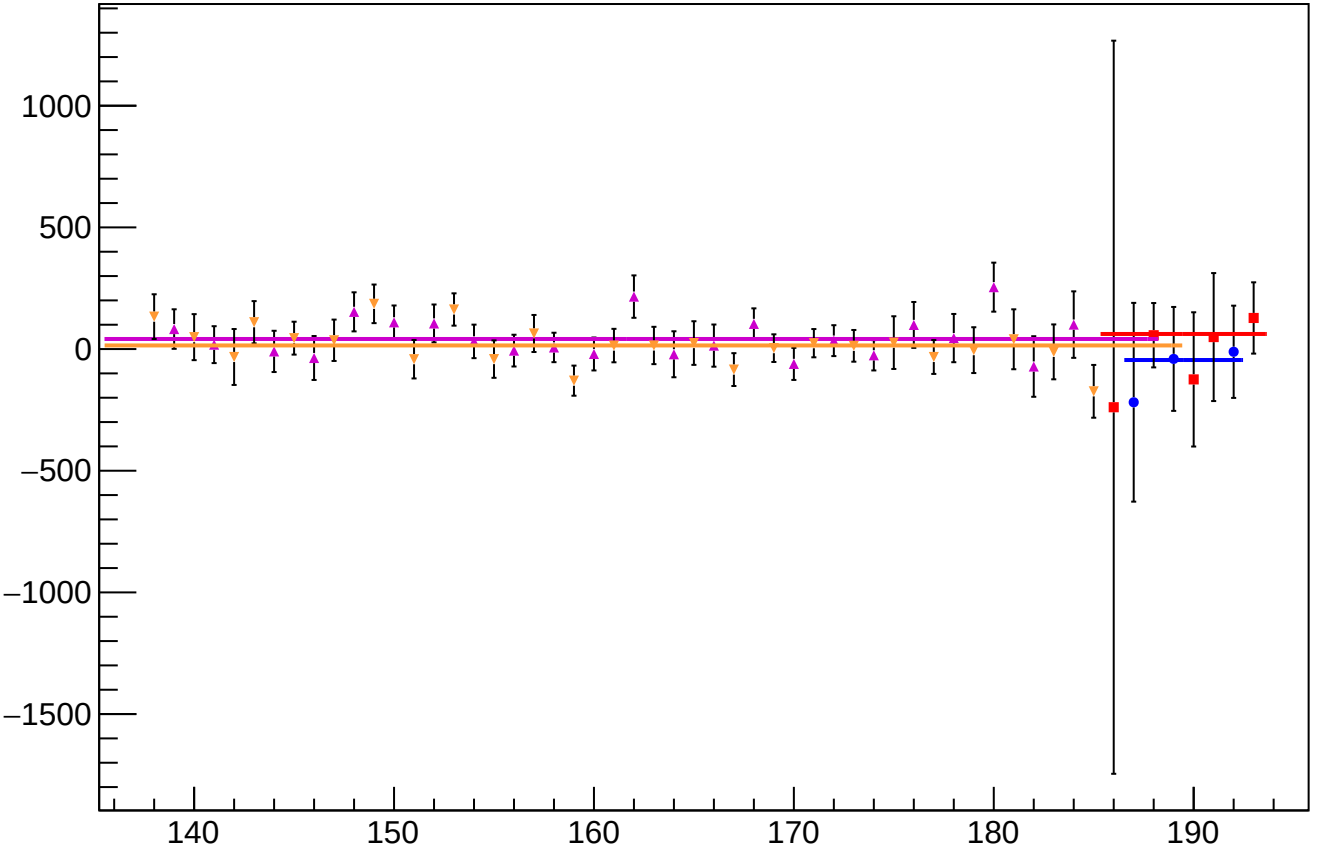
Right: 2559.593+/-0.973 χ^2/NDF: 254739.7/7

In: 795.500+/-0.134 χ^2/NDF:1948393.0/25

Out: 810.482+/-0.132 χ^2/NDF:3683711.5/29

All: 803.130+/-0.094 χ^2/NDF: 5638466.2/55

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: -45.009+/-133.923 χ^2/NDF: 0.2/2

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: 62.029+/-87.097 χ^2/NDF: 0.7/4

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

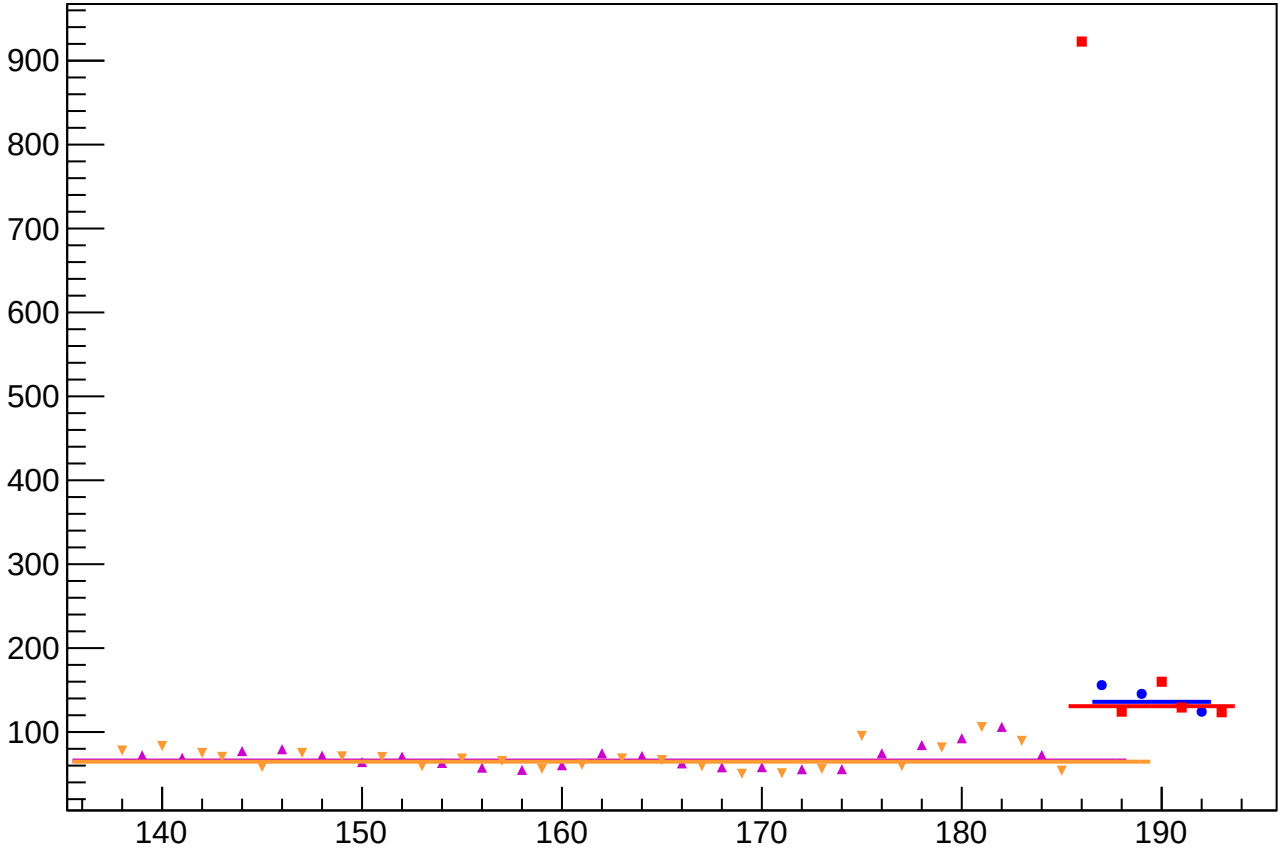
Right: 30.213+/-73.014 χ^2/NDF: 1.4/7

In: 40.192+/-16.015 χ^2/NDF:22.3/25

Out: 16.332+/-15.288 χ^2/NDF:26.8/29

All: 27.709+/-11.058 χ^2/NDF: 50.3/55

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 135.992+/-0.095 χ^2/NDF: 16399.7/2

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 130.773+/-0.062 χ^2/NDF: 584990.2/4

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

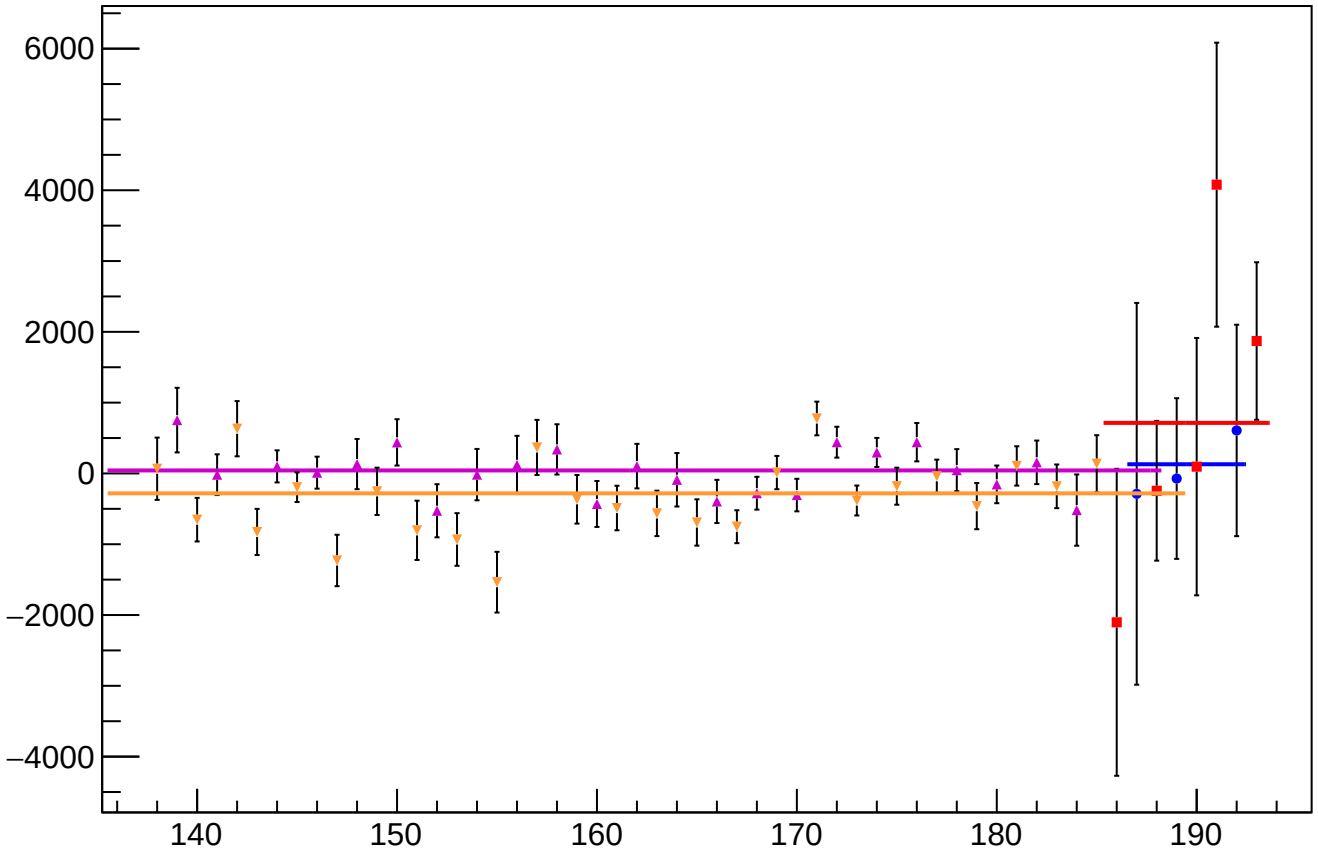
Right: 132.325+/-0.052 χ^2/NDF: 603523.8/7

In: 67.017+/-0.011 χ^2/NDF:1423053.1/25

Out: 66.716+/-0.011 χ^2/NDF:2851597.1/29

All: 66.859+/-0.008 χ^2/NDF: 4275018.3/55

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 129.677+/-856.703 χ^2/NDF: 0.2/2

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 713.781+/-620.358 χ^2/NDF: 6.6/4

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

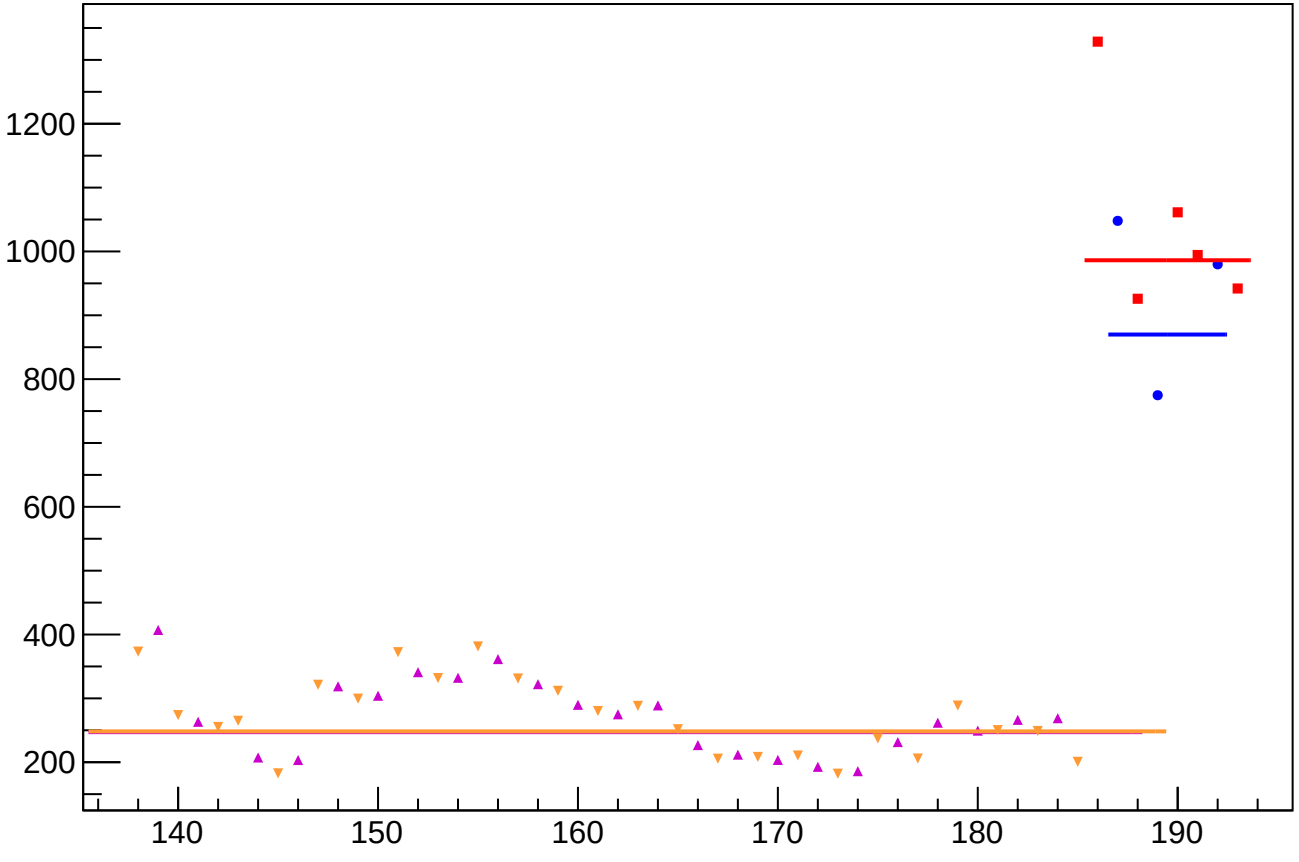
Right: 512.858+/-502.458 χ^2/NDF: 7.1/7

In: 42.798+/-60.135 χ^2/NDF:24.9/25

Out: -272.325+/-59.262 χ^2/NDF:75.6/29

All: -117.070+/-42.210 χ^2/NDF: 114.5/55

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 869.861+/-0.606 χ^2/NDF: 33595.8/2

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 986.193+/-0.439 χ^2/NDF: 63953.5/4

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

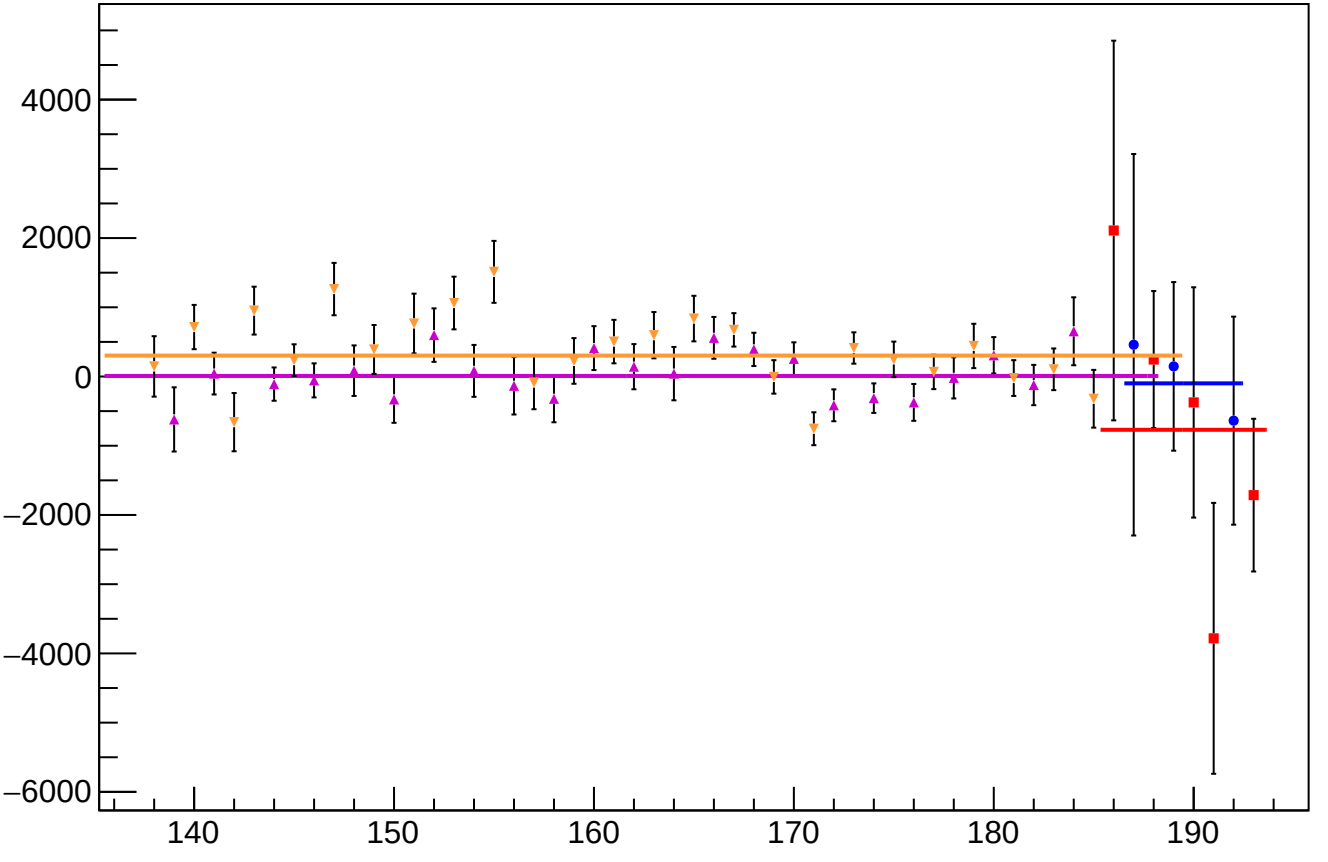
Right: 946.177+/-0.355 χ^2/NDF: 121741.8/7

In: 250.174+/-0.043 χ^2/NDF:2624546.8/25

Out: 255.030+/-0.042 χ^2/NDF:4555498.0/29

All: 252.638+/-0.030 χ^2/NDF: 7186662.5/55

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: -98.770+/-894.884 χ^2/NDF: 0.2/2

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -769.579+/-620.278 χ^2/NDF: 5.3/4

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

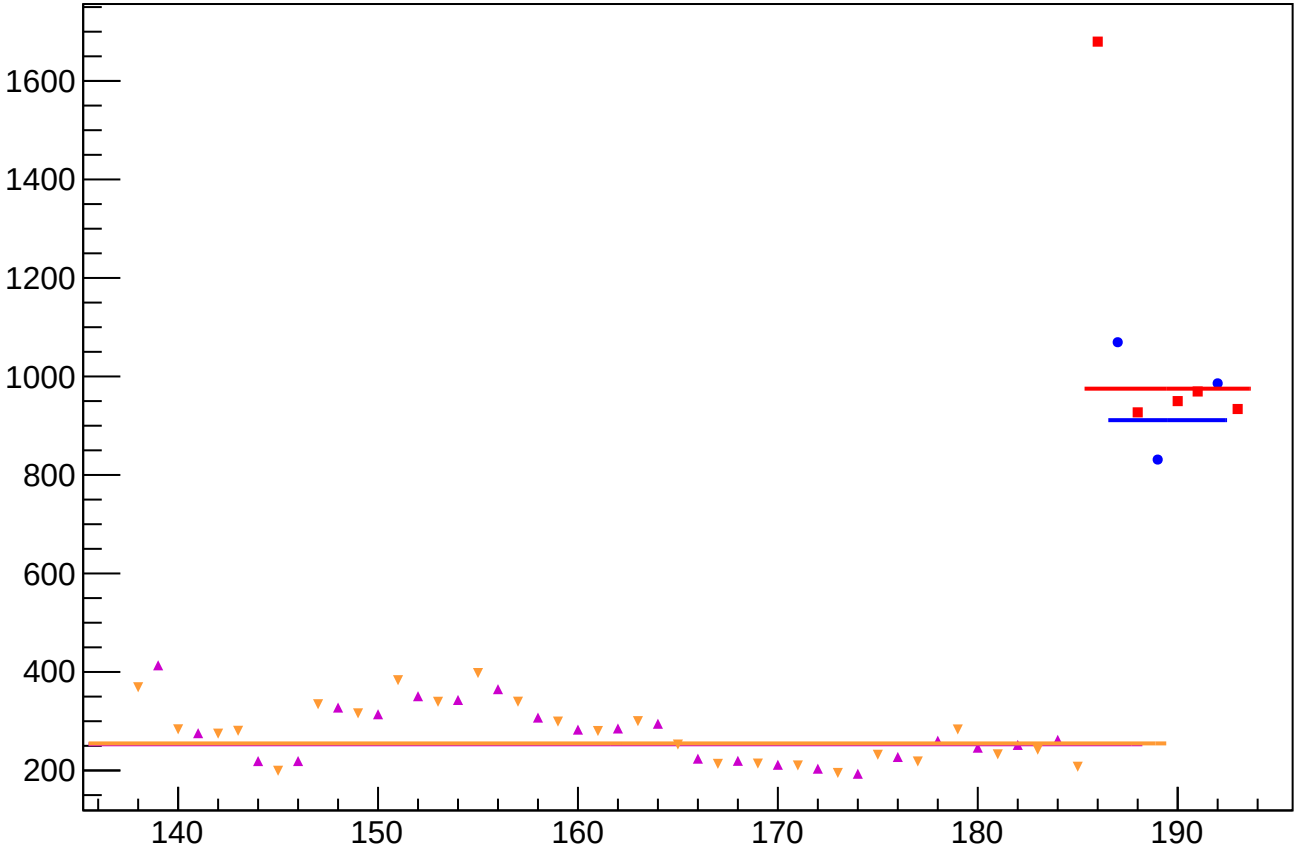
Right: -551.885+/-509.790 χ^2/NDF: 5.9/7

In: 7.410+/-61.579 χ^2/NDF:26.5/25

Out: 292.155+/-60.698 χ^2/NDF:72.1/29

All: 151.834+/-43.228 χ^2/NDF: 109.5/55

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 911.265+/-0.633 χ^2/NDF: 20184.1/2

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 975.201+/-0.439 χ^2/NDF: 140044.4/4

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

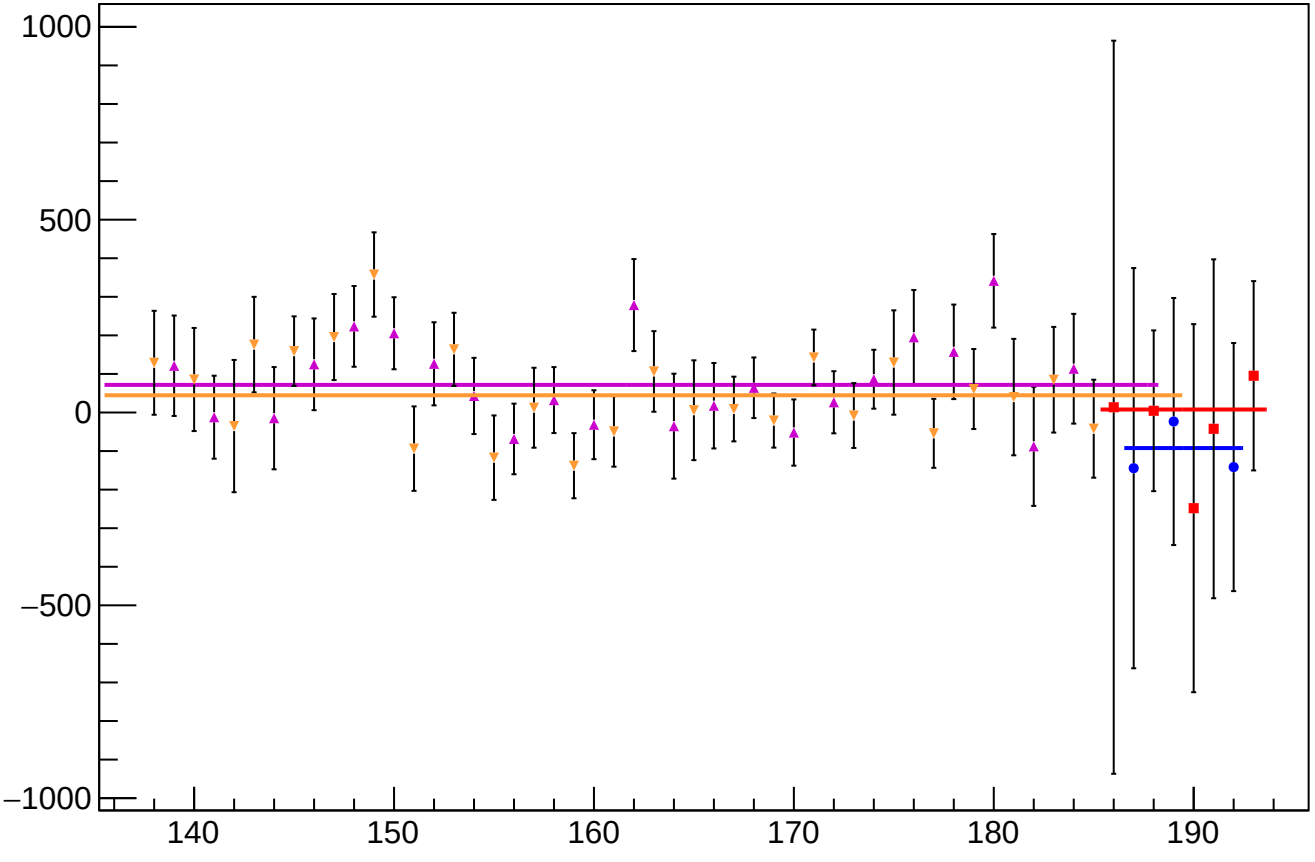
Right: 954.452+/-0.360 χ^2/NDF: 167124.4/7

In: 256.286+/-0.044 χ^2/NDF:2463209.2/25

Out: 261.834+/-0.043 χ^2/NDF:4352674.0/29

All: 259.100+/-0.031 χ^2/NDF: 6824117.9/55

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -92.200+/-207.947 χ^2/NDF: 0.1/2

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 7.791+/-140.996 χ^2/NDF: 0.4/4

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

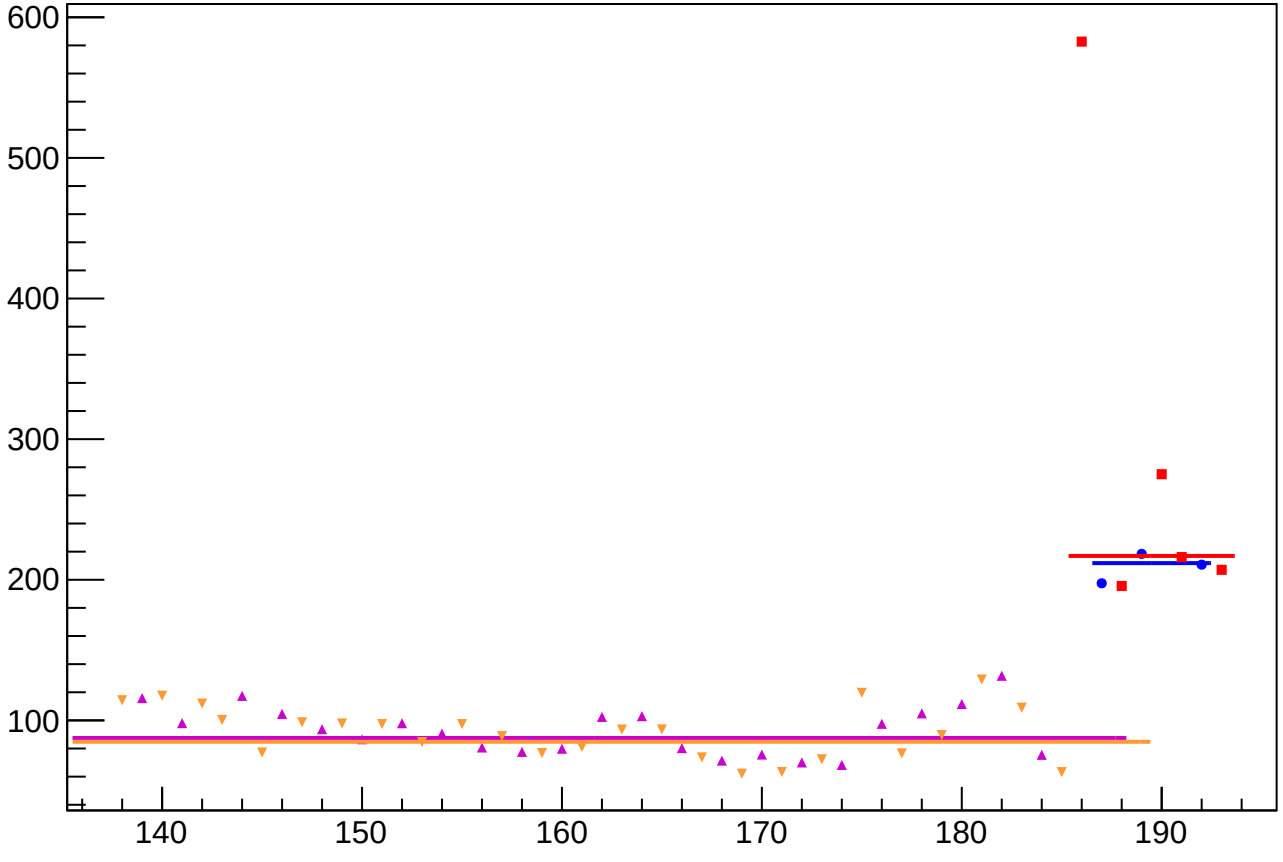
Right: -23.701+/-116.700 χ^2/NDF: 0.7/7

In: 69.893+/-21.355 χ^2/NDF:24.4/25

Out: 43.984+/-20.248 χ^2/NDF:31.0/29

All: 56.249+/-14.693 χ^2/NDF: 56.2/55

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 211.845+/-0.147 χ^2/NDF: 2391.7/2

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 216.952+/-0.100 χ^2/NDF: 350044.8/4

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

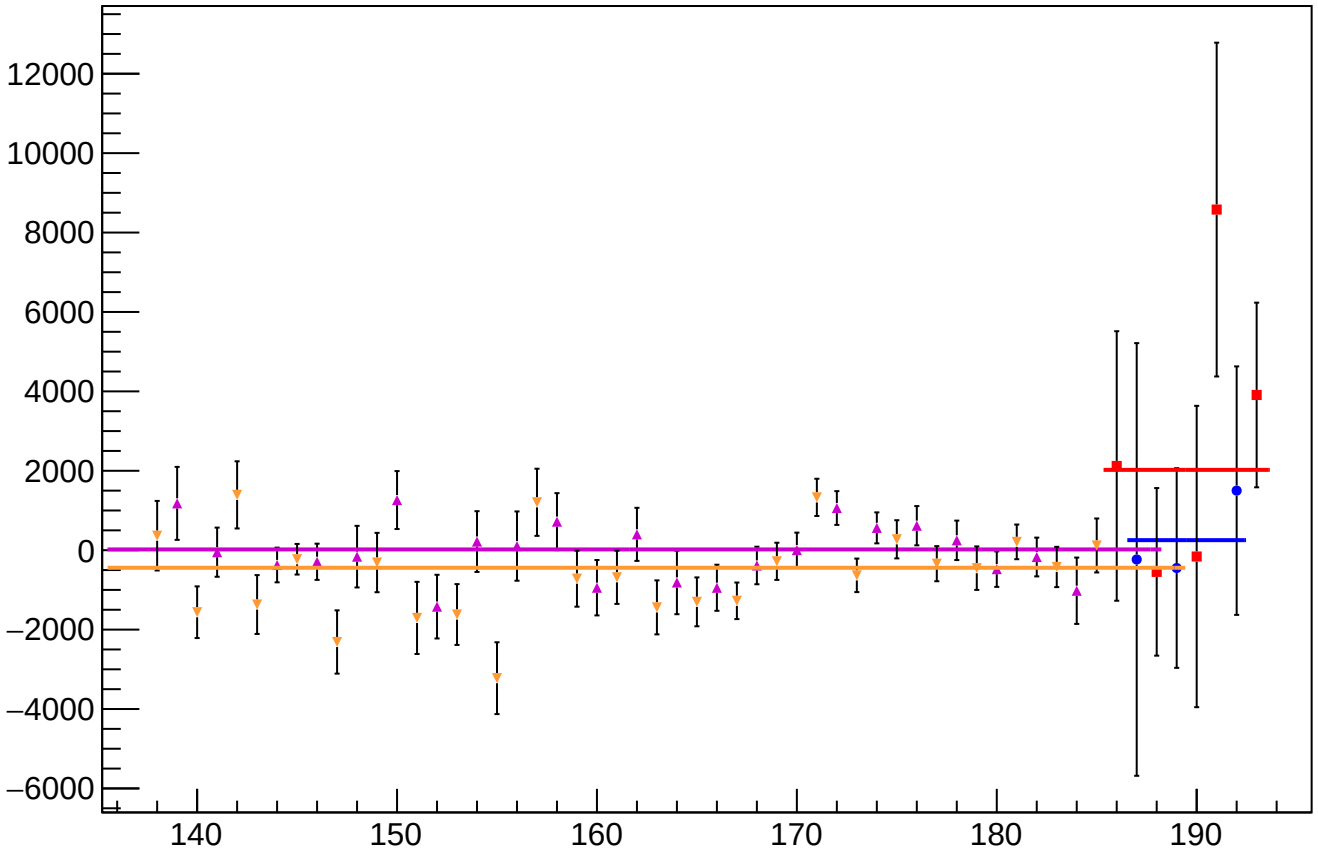
Right: 215.343+/-0.083 χ^2/NDF: 353262.9/7

In: 88.789+/-0.015 χ^2/NDF:1766682.0/25

Out: 87.518+/-0.014 χ^2/NDF:3453837.7/29

All: 88.120+/-0.010 χ^2/NDF: 5224249.5/55

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 252.925+/-1844.259 χ^2/NDF: 0.2/2

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 2023.203+/-1267.658 χ^2/NDF: 4.9/4

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

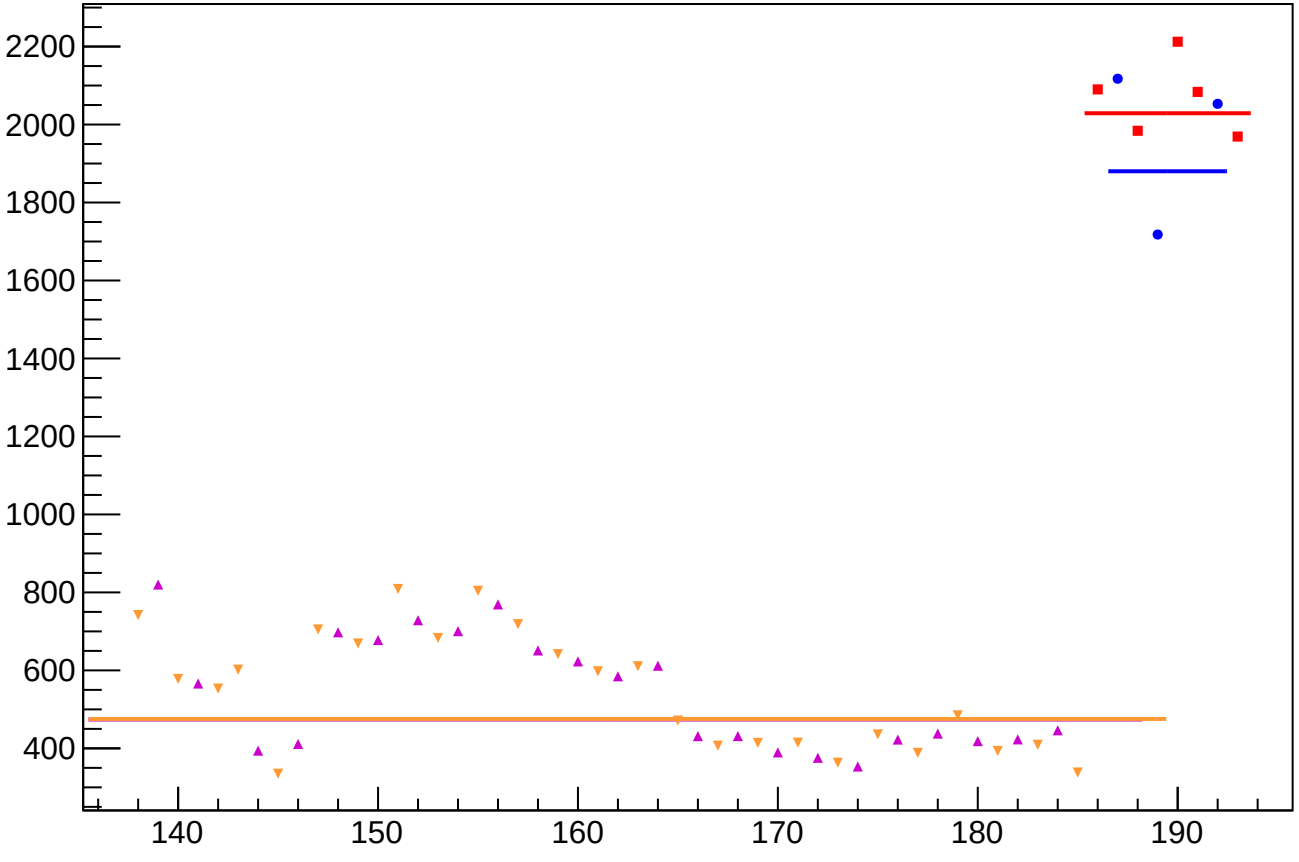
Right: 1455.187+/-1044.675 χ^2/NDF: 5.8/7

In: 20.255+/-116.587 χ^2/NDF:29.7/25

Out: -422.012+/-114.949 χ^2/NDF:69.6/29

All: -204.006+/-81.854 χ^2/NDF: 106.6/55

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 1880.135+/-1.304 χ^2/NDF: 18233.7/2

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2028.959+/-0.896 χ^2/NDF: 7890.0/4

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

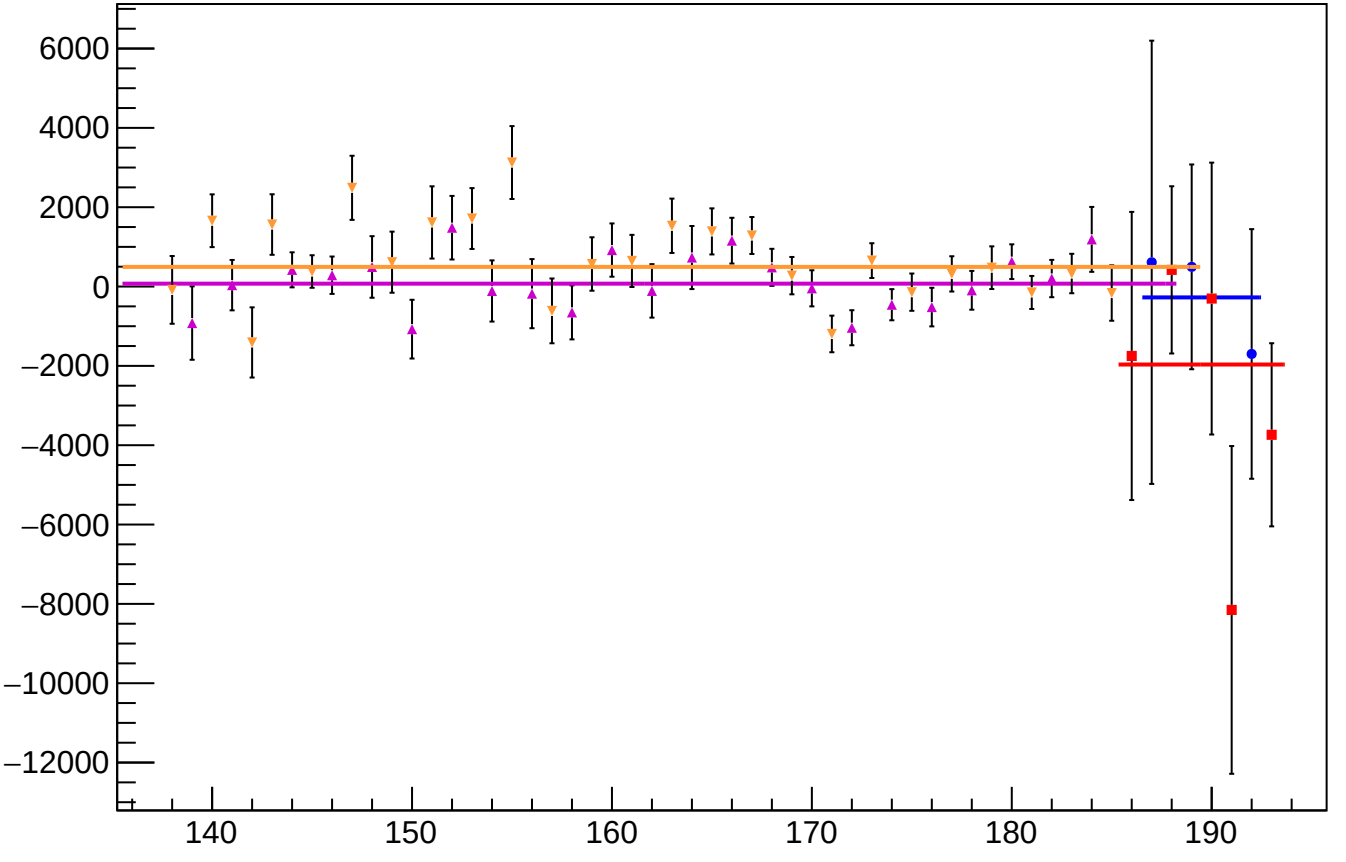
Right: 1981.207+/-0.739 χ^2/NDF: 34968.5/7

In: 479.566+/-0.082 χ^2/NDF:3350779.0/25

Out: 488.189+/-0.081 χ^2/NDF:5496706.0/29

All: 483.939+/-0.058 χ^2/NDF: 8853033.1/55

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -273.822+/-1879.318 χ^2/NDF: 0.3/2

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1965.954+/-1257.662 χ^2/NDF: 4.4/4

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

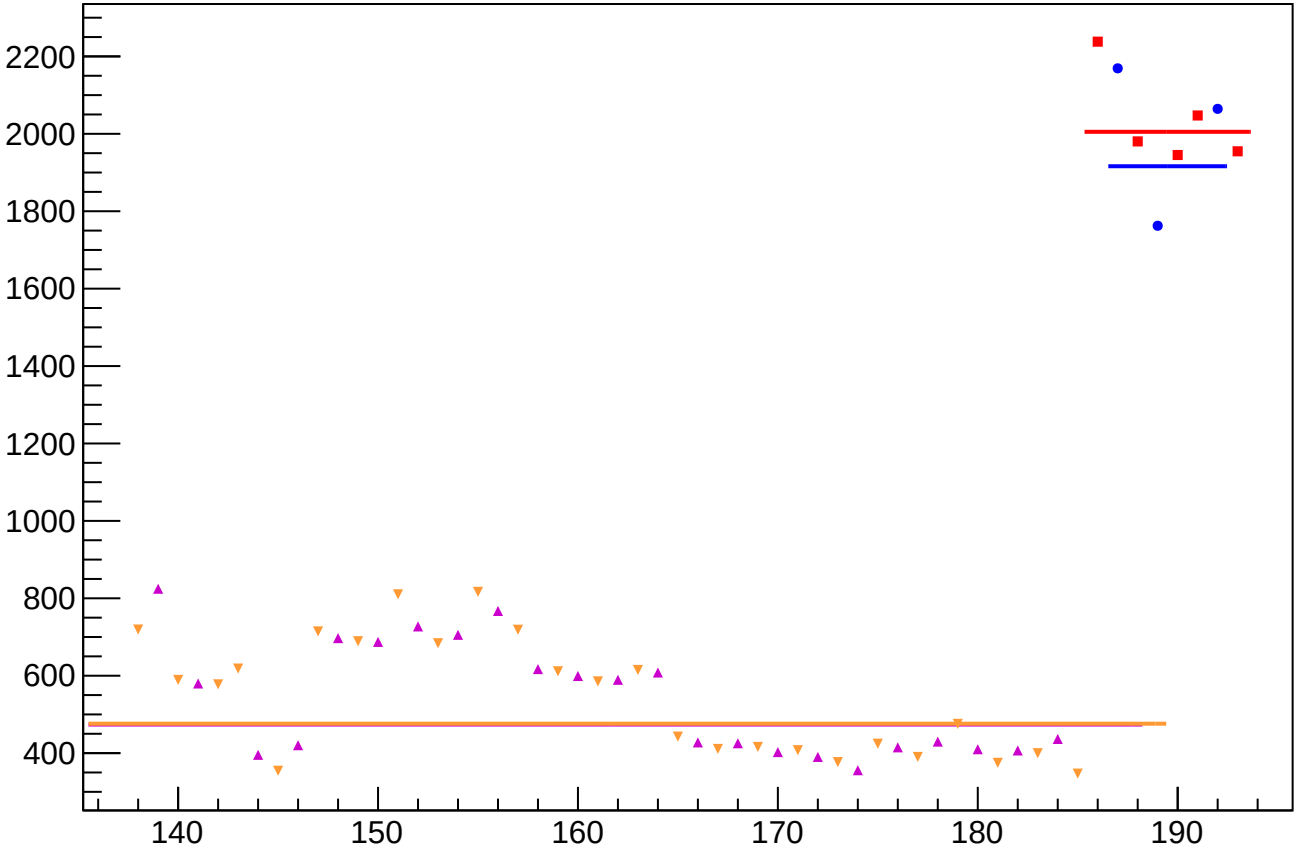
Right: -1442.547+/-1045.209 χ^2/NDF: 5.2/7

In: 71.291+/-116.702 χ^2/NDF:29.4/25

Out: 474.667+/-115.037 χ^2/NDF:65.3/29

All: 275.876+/-81.926 χ^2/NDF: 100.8/55

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1916.239+/-1.329 χ^2/NDF: 15639.5/2

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2005.193+/-0.889 χ^2/NDF: 10270.9/4

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

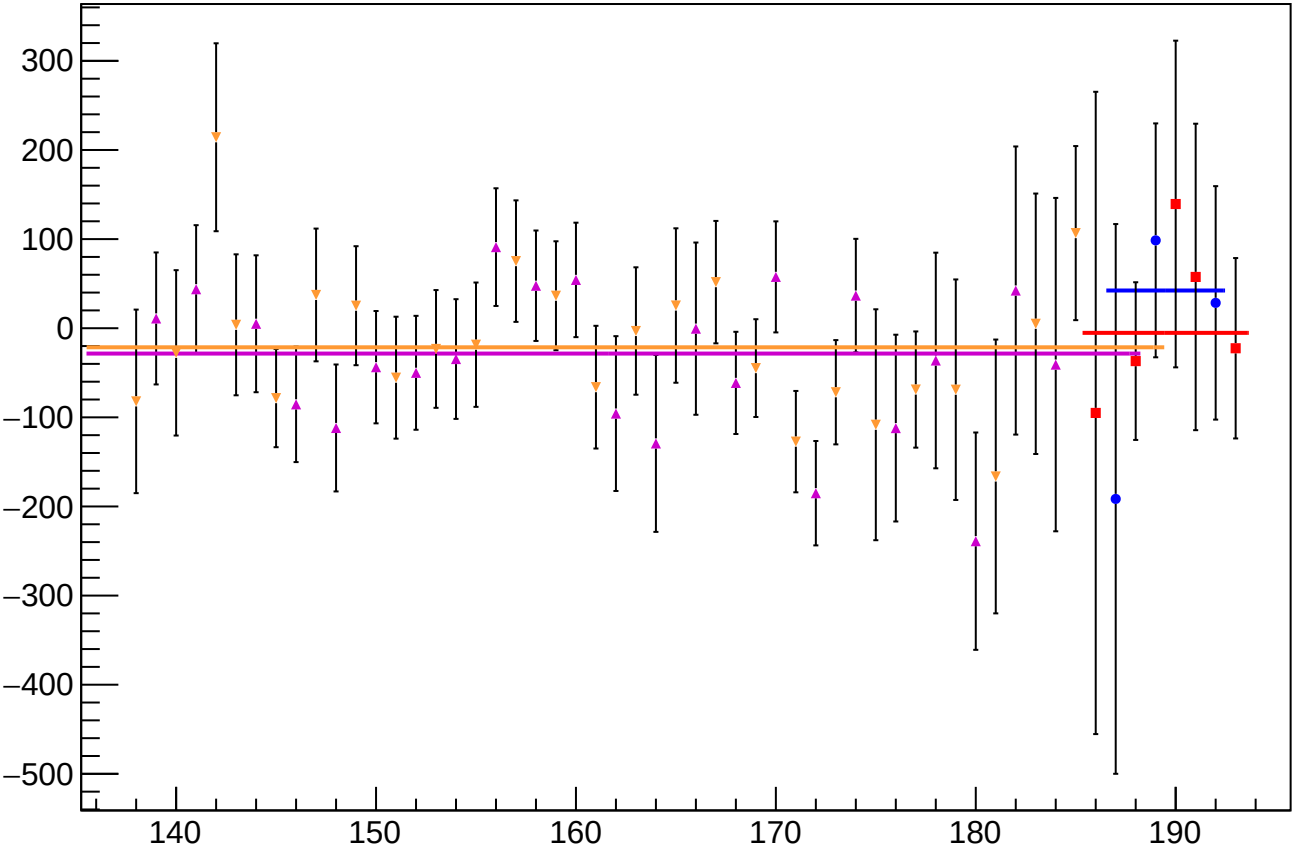
Right: 1977.678+/-0.739 χ^2/NDF: 29005.3/7

In: 479.386+/-0.083 χ^2/NDF:3303025.8/25

Out: 488.850+/-0.081 χ^2/NDF:5403985.3/29

All: 484.186+/-0.058 χ^2/NDF: 8713682.9/55

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.326+/-88.782 χ^2/NDF: 0.8/2

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: -5.199+/-58.056 χ^2/NDF: 1.0/4

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

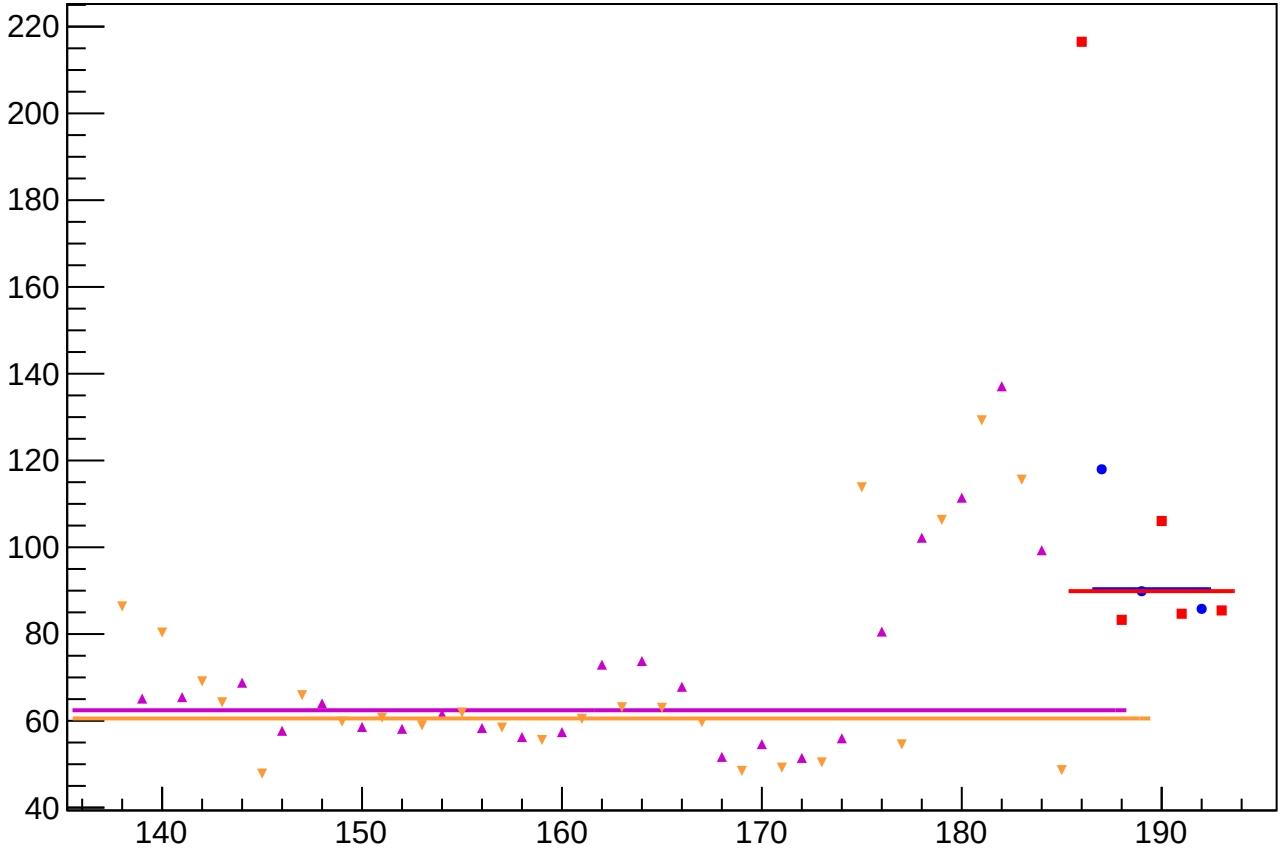
Right: 9.036+/-48.590 χ^2/NDF: 1.9/7

In: -26.343+/-15.263 χ^2/NDF:27.6/25

Out: -20.409+/-14.341 χ^2/NDF:21.9/29

All: -23.191+/-10.451 χ^2/NDF: 49.6/55

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 90.331+/-0.063 χ^2/NDF: 18482.0/2

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 89.892+/-0.041 χ^2/NDF: 279365.6/4

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

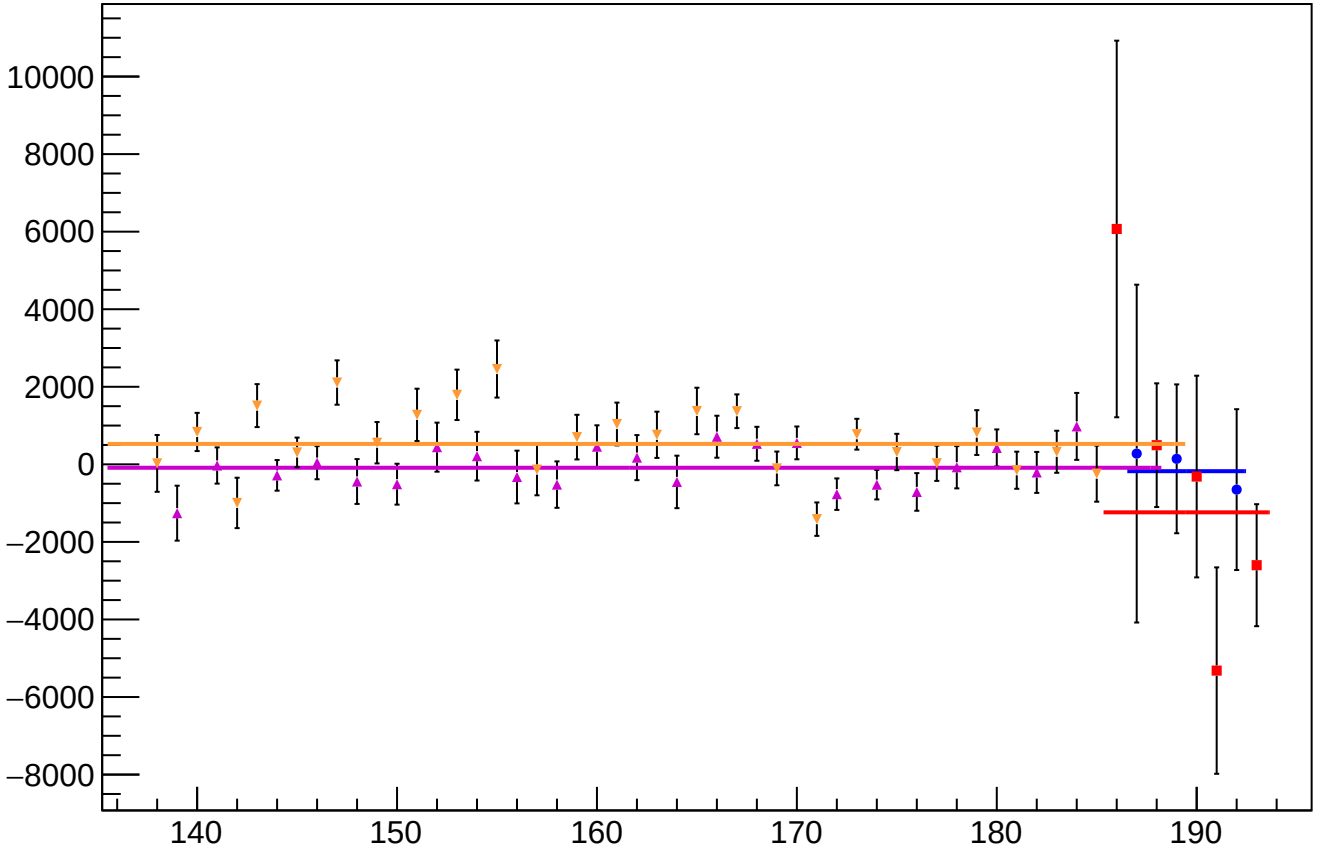
Right: 90.024+/-0.034 χ^2/NDF: 297881.9/7

In: 63.259+/-0.011 χ^2/NDF:1655858.9/25

Out: 62.341+/-0.010 χ^2/NDF:2710704.8/29

All: 62.772+/-0.007 χ^2/NDF: 4370405.4/55

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -176.513+/-1340.223 χ^2/NDF: 0.1/2

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -1237.550+/-941.287 χ^2/NDF: 6.7/4

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

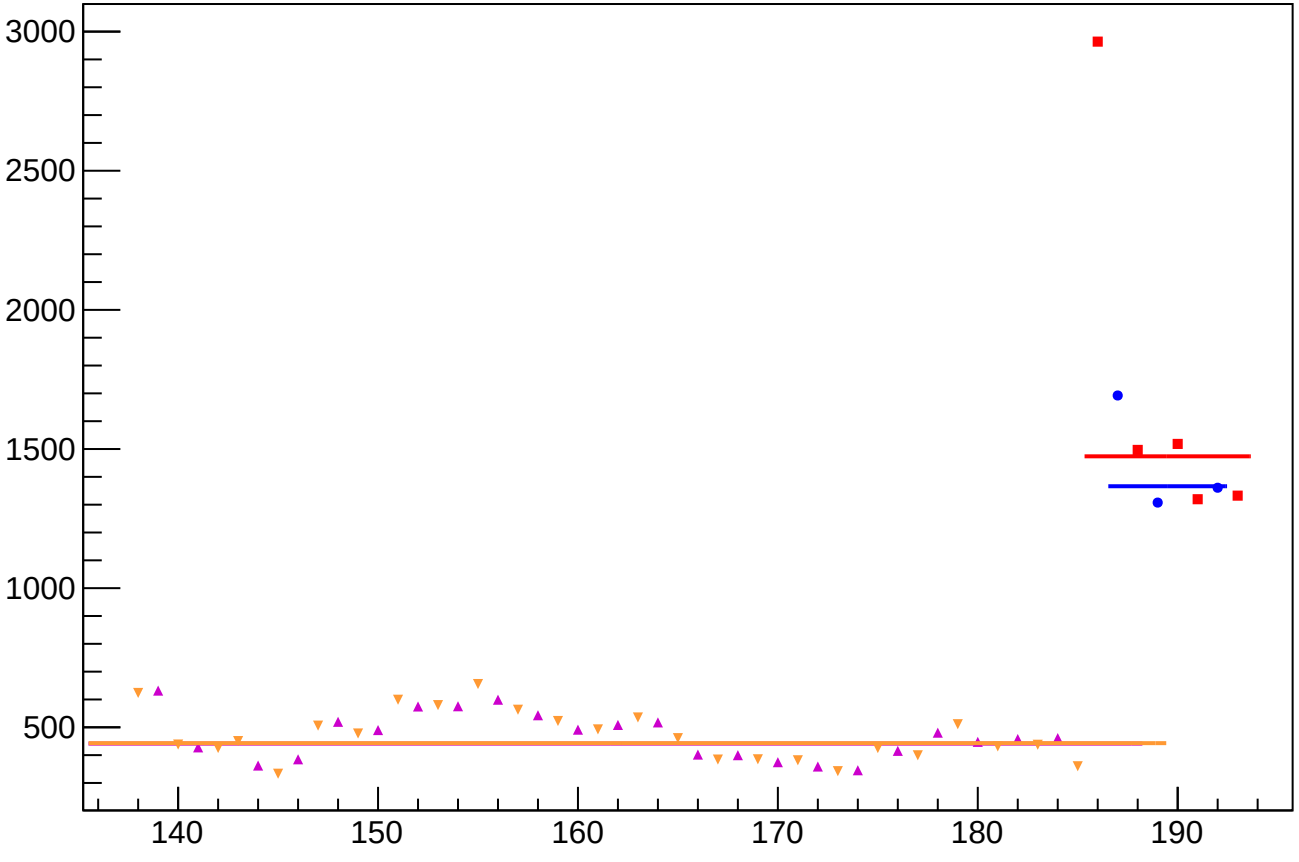
Right: -887.056+/-770.286 χ^2/NDF: 7.2/7

In: -88.548+/-106.505 χ^2/NDF:22.2/25

Out: 504.853+/-104.760 χ^2/NDF:75.1/29

All: 213.054+/-74.686 χ^2/NDF: 113.1/55

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1366.243+/-0.948 χ^2/NDF: 13096.2/2

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1473.748+/-0.666 χ^2/NDF: 212241.5/4

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

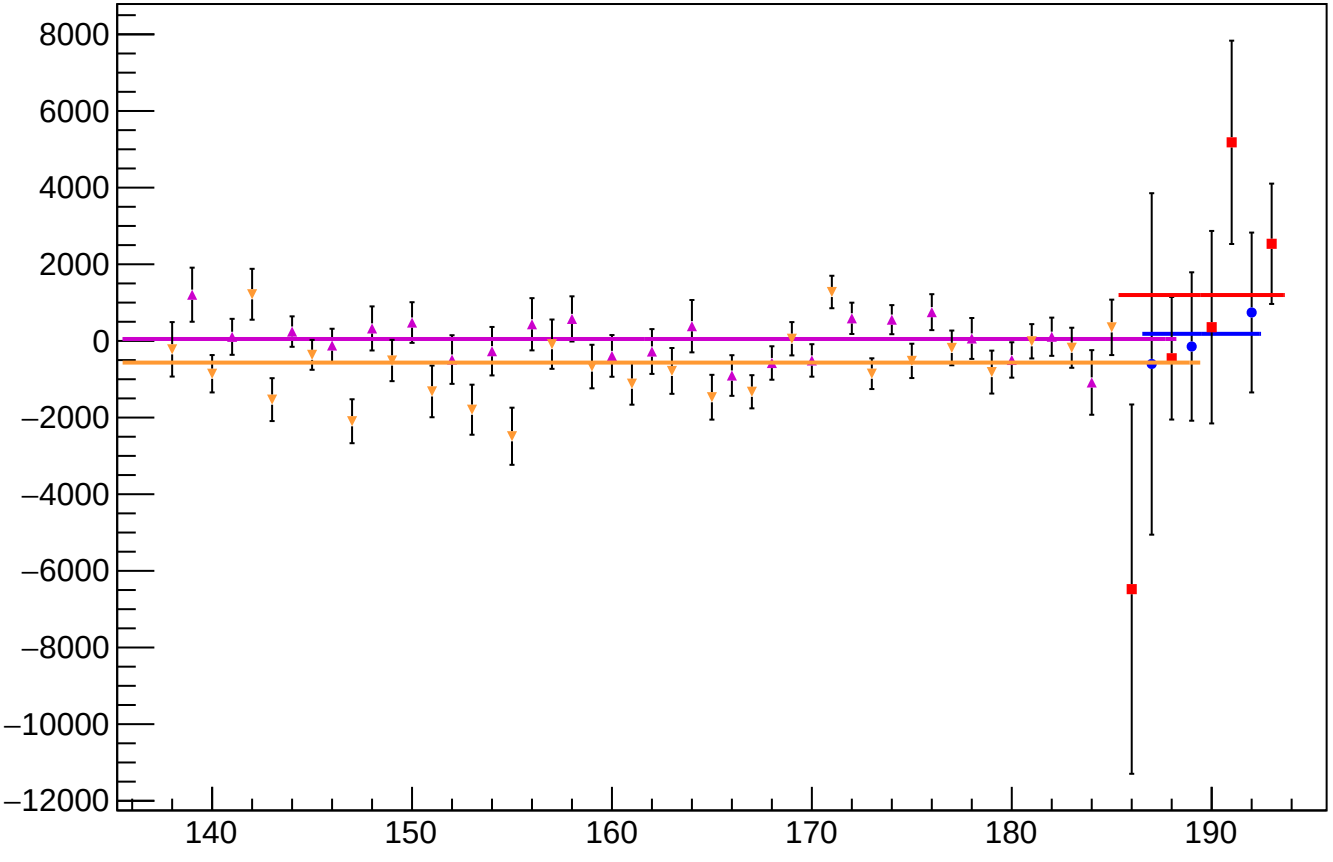
Right: 1438.236+/-0.545 χ^2/NDF: 233955.5/7

In: 447.200+/-0.075 χ^2/NDF:1995388.8/25

Out: 455.798+/-0.074 χ^2/NDF:3752284.2/29

All: 451.570+/-0.053 χ^2/NDF: 5754298.3/55

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 185.138+/-1352.179 χ^2/NDF: 0.1/2

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 1197.505+/-936.454 χ^2/NDF: 6.7/4

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

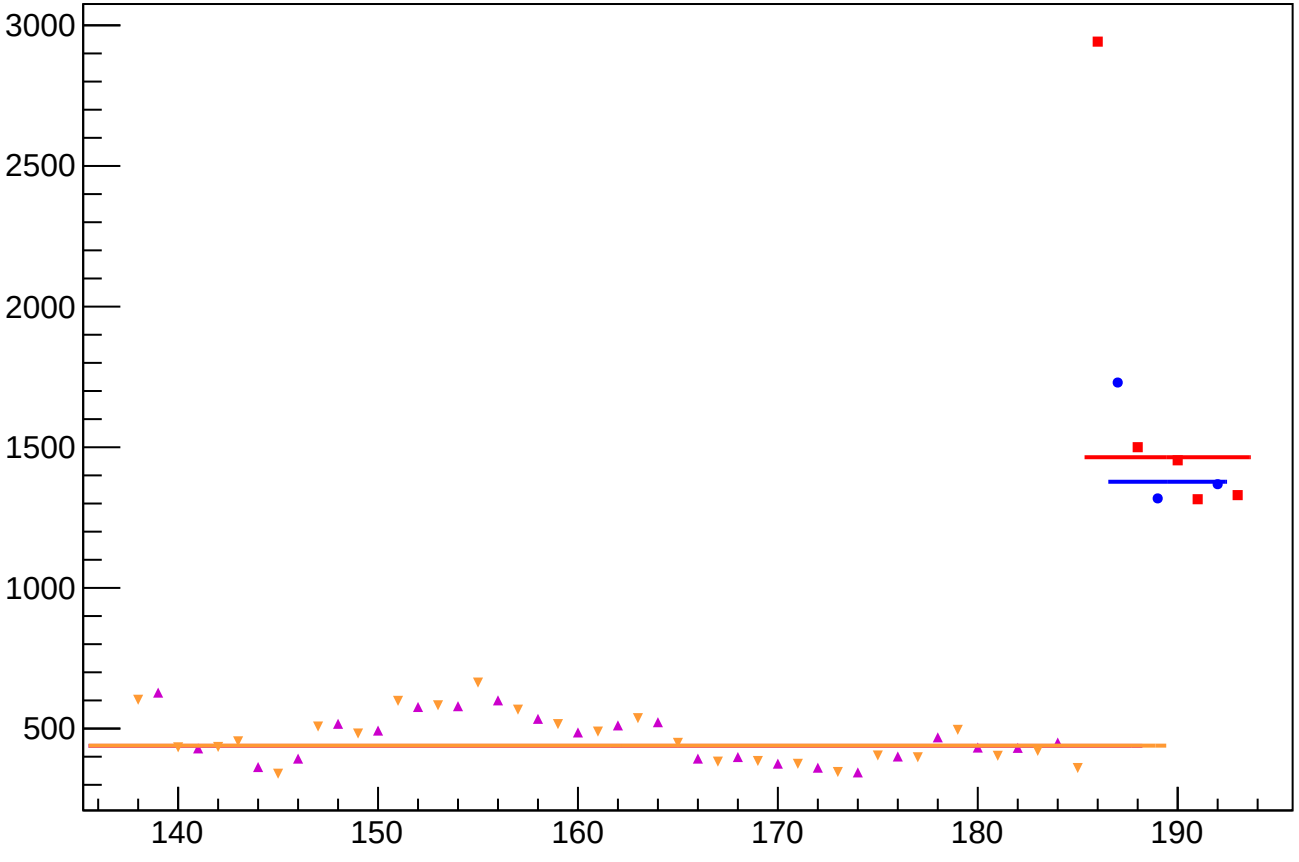
Right: 869.342+/-769.857 χ^2/NDF: 7.2/7

In: 51.214+/-105.892 χ^2/NDF:23.4/25

Out: -543.876+/-103.816 χ^2/NDF:73.1/29

All: -252.220+/-74.132 χ^2/NDF: 112.6/55

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1377.405+/-0.956 χ^2/NDF: 14437.1/2

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1464.569+/-0.662 χ^2/NDF: 210111.7/4

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

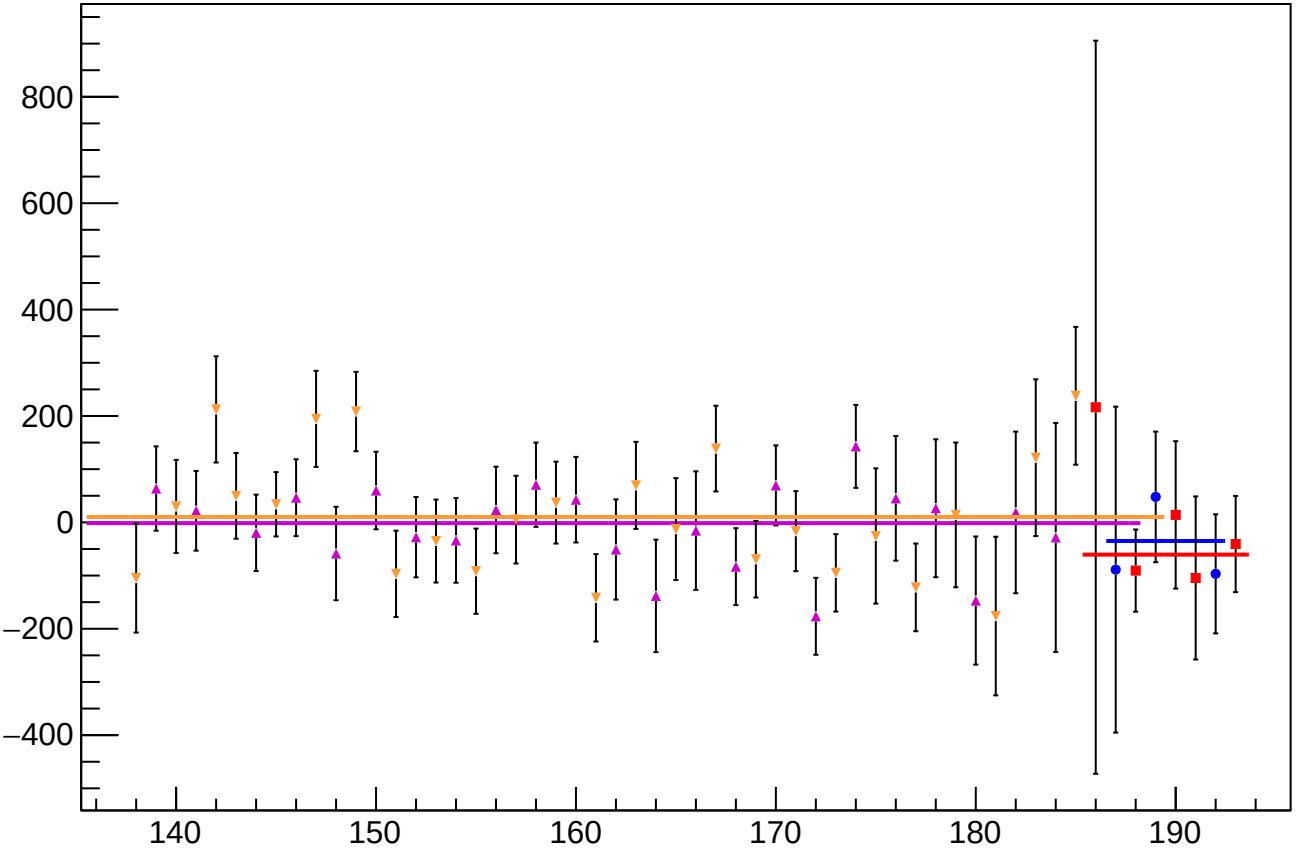
Right: 1436.314+/-0.544 χ^2/NDF: 230165.5/7

In: 444.124+/-0.075 χ^2/NDF:1997744.6/25

Out: 451.915+/-0.073 χ^2/NDF:3741969.3/29

All: 448.096+/-0.052 χ^2/NDF: 5745234.2/55

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -35.000+/-79.853 χ^2/NDF: 0.8/2

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: -60.602+/-50.863 χ^2/NDF: 0.7/4

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

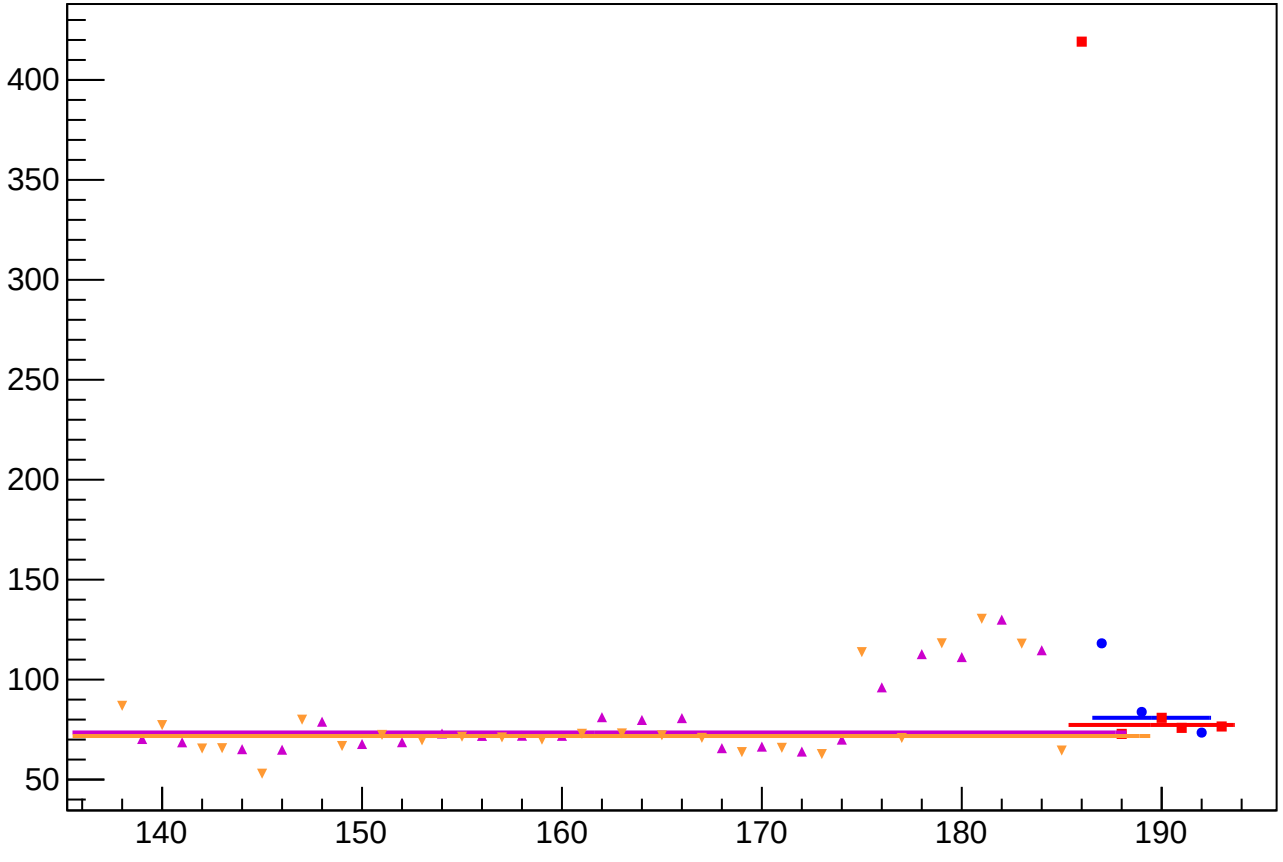
Right: -53.213+/-42.900 χ^2/NDF: 1.6/7

In: -3.044+/-17.491 χ^2/NDF:20.0/25

Out: 2.819+/-16.300 χ^2/NDF:41.2/29

All: 0.094+/-11.924 χ^2/NDF: 61.2/55

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 80.900+/-0.056 χ^2/NDF: 39489.2/2

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.323+/-0.036 χ^2/NDF: 500510.7/4

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

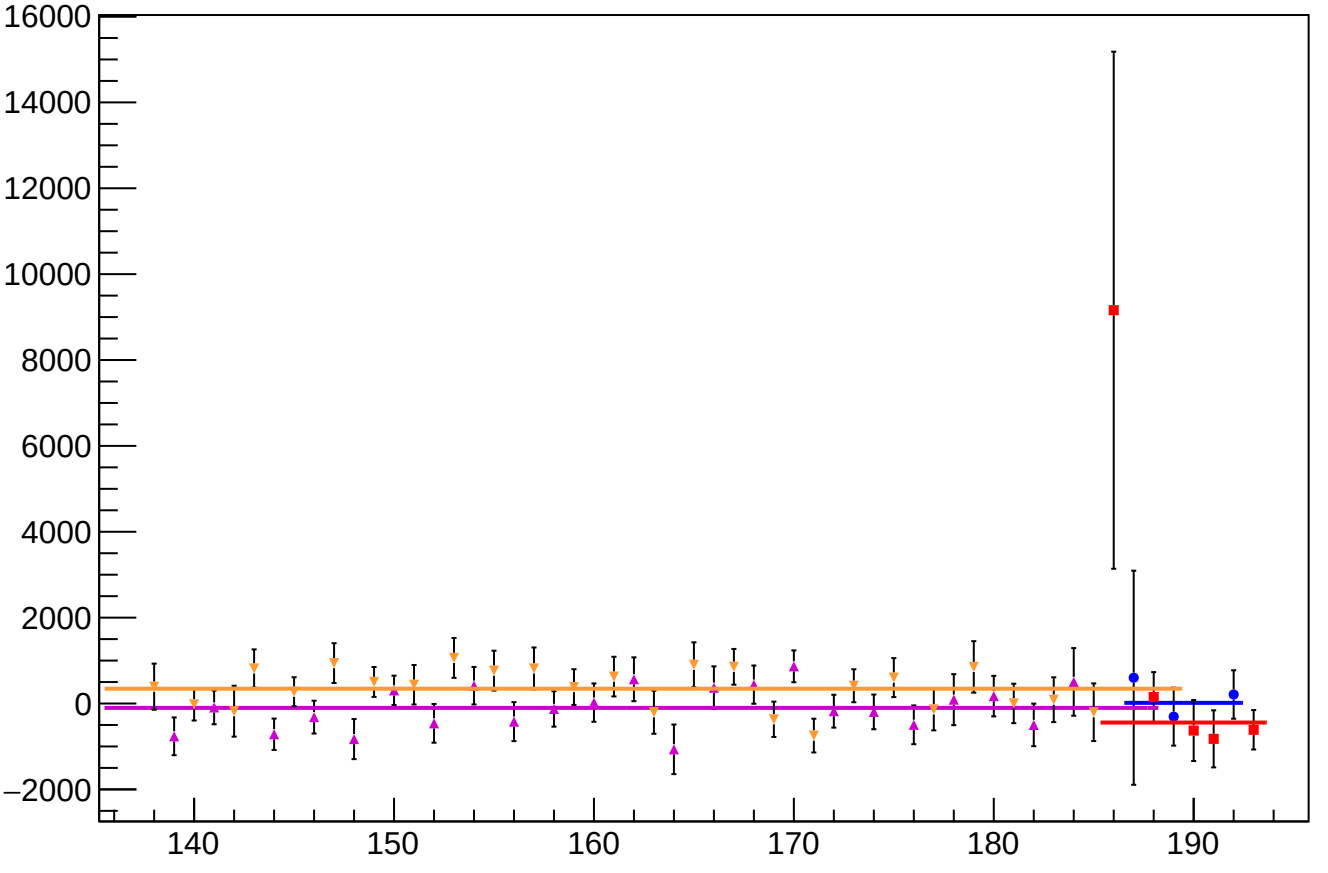
Right: 78.355+/-0.030 χ^2/NDF: 542854.8/7

In: 73.911+/-0.012 χ^2/NDF:1064938.0/25

Out: 72.354+/-0.012 χ^2/NDF:1847513.8/29

All: 73.077+/-0.008 χ^2/NDF: 2920933.7/55

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 15.675+/-426.567 χ^2/NDF: 0.4/2

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -442.904+/-288.915 χ^2/NDF: 4.1/4

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

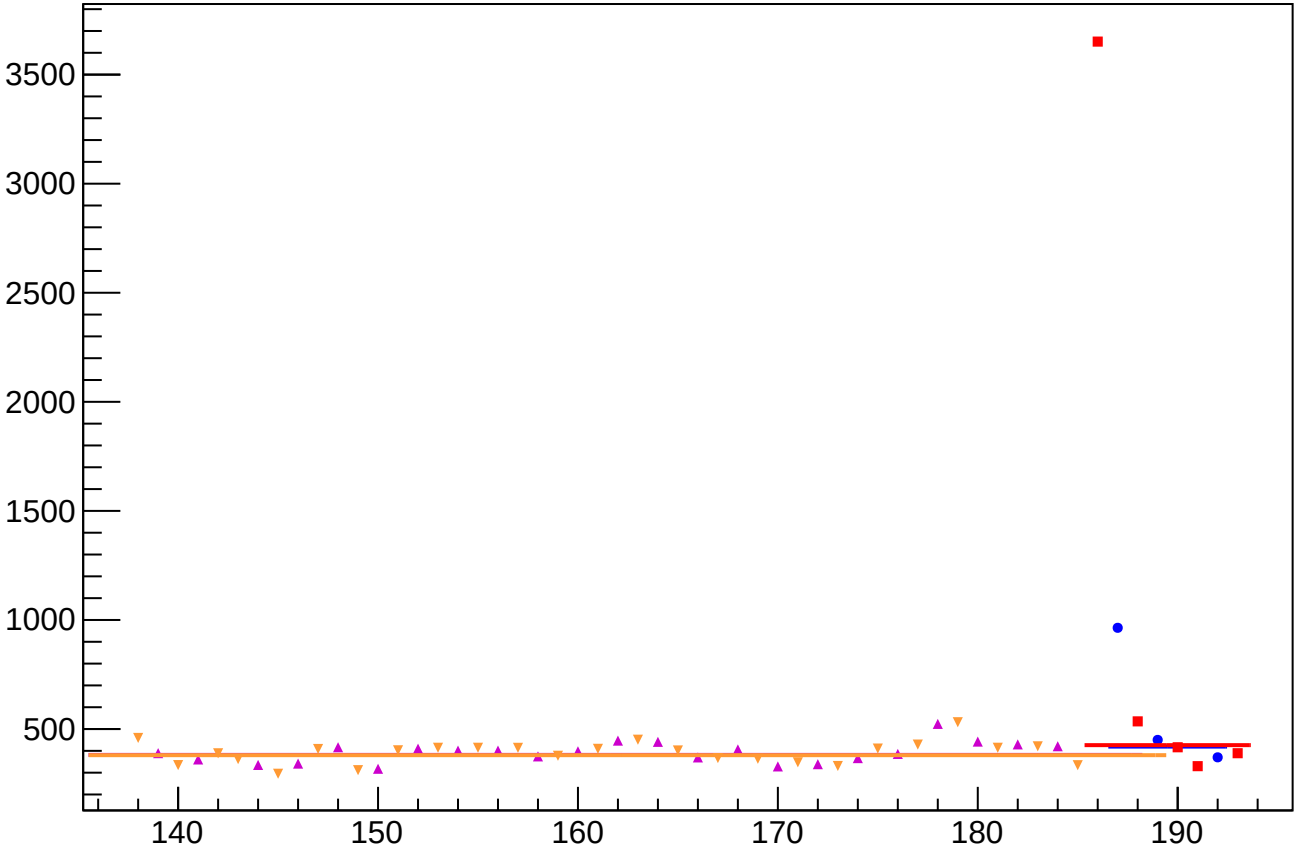
Right: -298.692+/-239.211 χ^2/NDF: 5.3/7

In: -96.469+/-89.624 χ^2/NDF:28.5/25

Out: 275.836+/-85.803 χ^2/NDF:38.3/29

All: 97.788+/-61.979 χ^2/NDF: 75.8/55

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 419.582+/-0.302 χ^2/NDF: 114744.6/2

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 426.197+/-0.204 χ^2/NDF: 699742.9/4

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

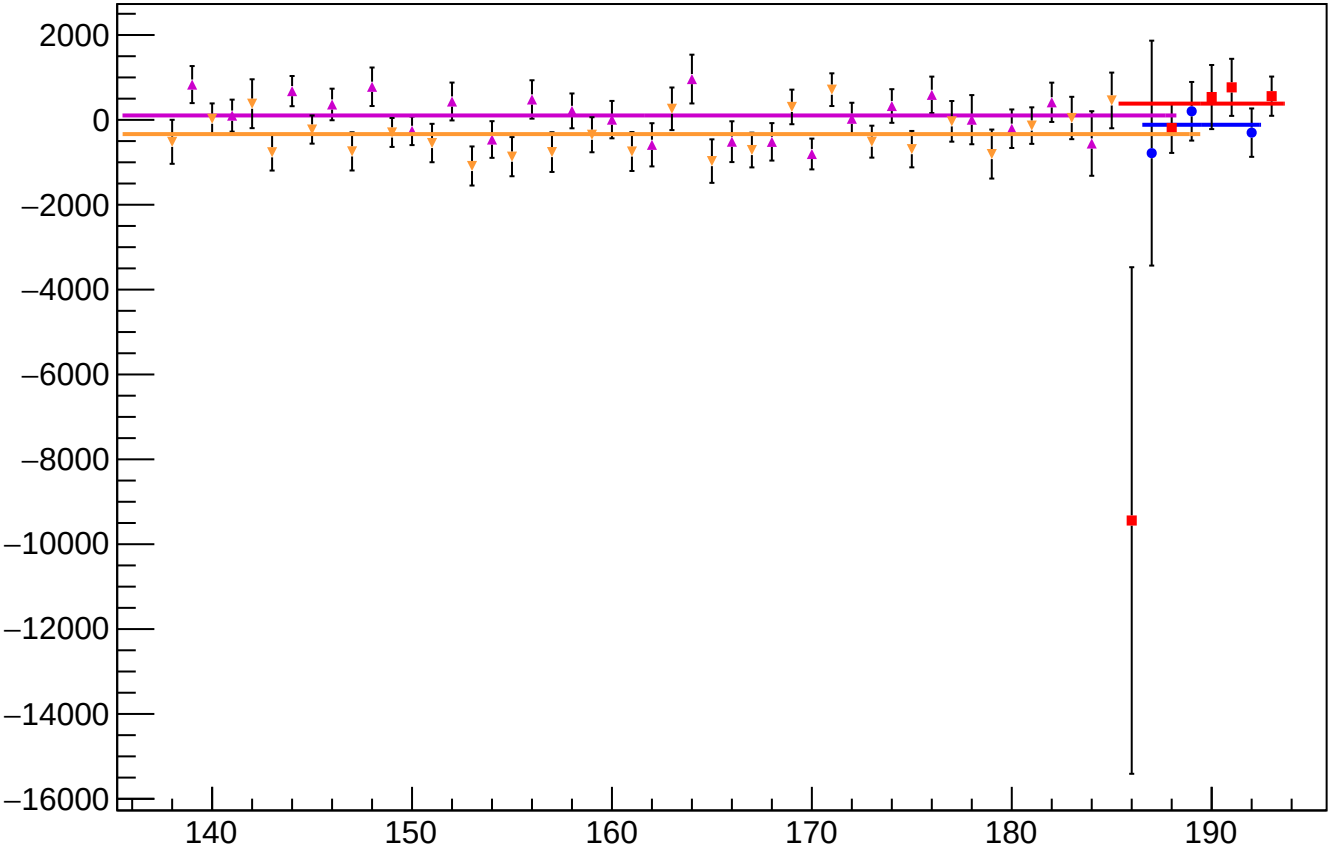
Right: 424.117+/-0.169 χ^2/NDF: 814817.2/7

In: 383.156+/-0.063 χ^2/NDF:591023.6/25

Out: 384.263+/-0.061 χ^2/NDF:1362573.2/29

All: 383.734+/-0.044 χ^2/NDF: 1953755.7/55

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -115.588+/-433.815 χ^2/NDF: 0.4/2

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 383.087+/-294.118 χ^2/NDF: 4.2/4

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

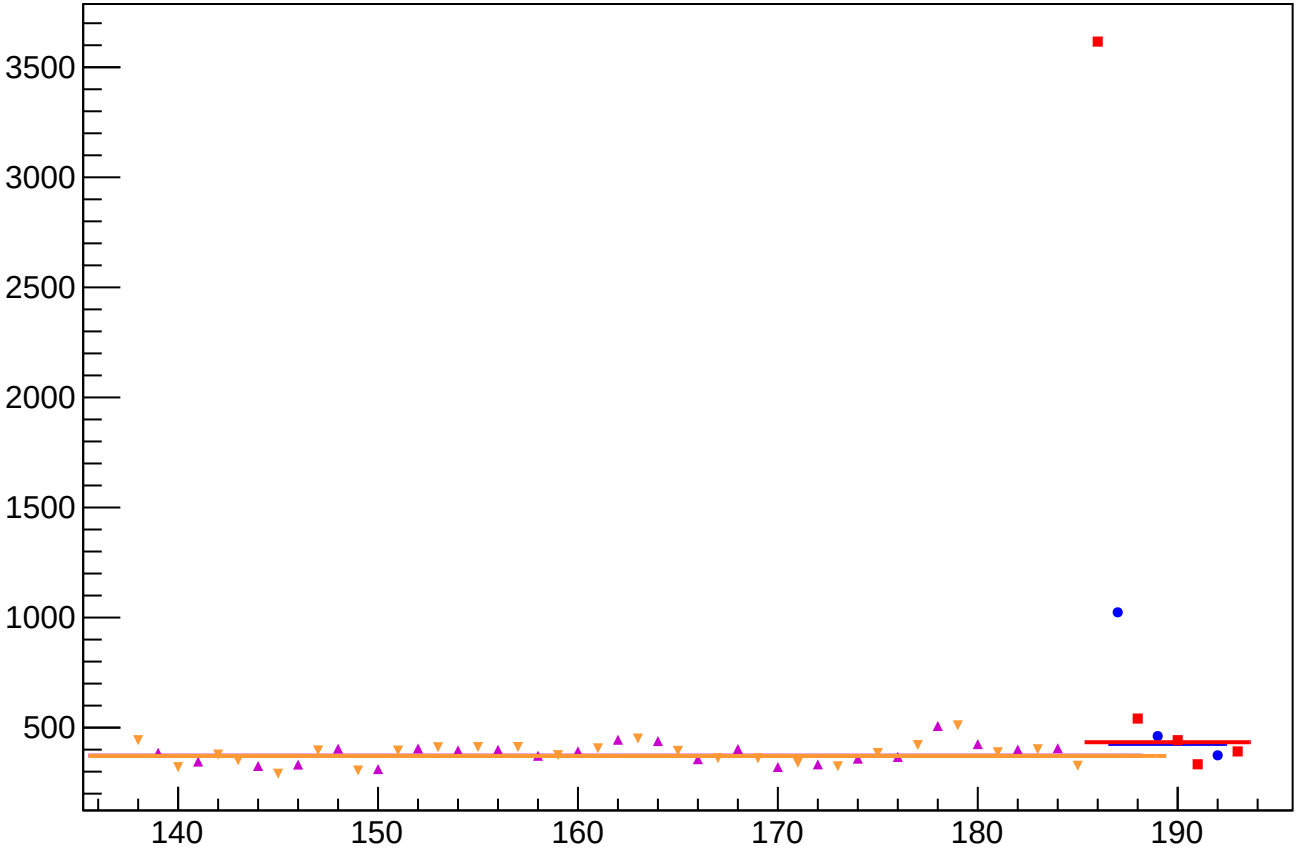
Right: 226.050+/-243.442 χ^2/NDF: 5.5/7

In: 95.126+/-87.760 χ^2/NDF:30.3/25

Out: -276.582+/-84.049 χ^2/NDF:38.0/29

All: -98.754+/-60.701 χ^2/NDF: 77.6/55

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 426.029+/-0.307 χ^2/NDF: 123581.6/2

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 433.653+/-0.208 χ^2/NDF: 696576.5/4

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

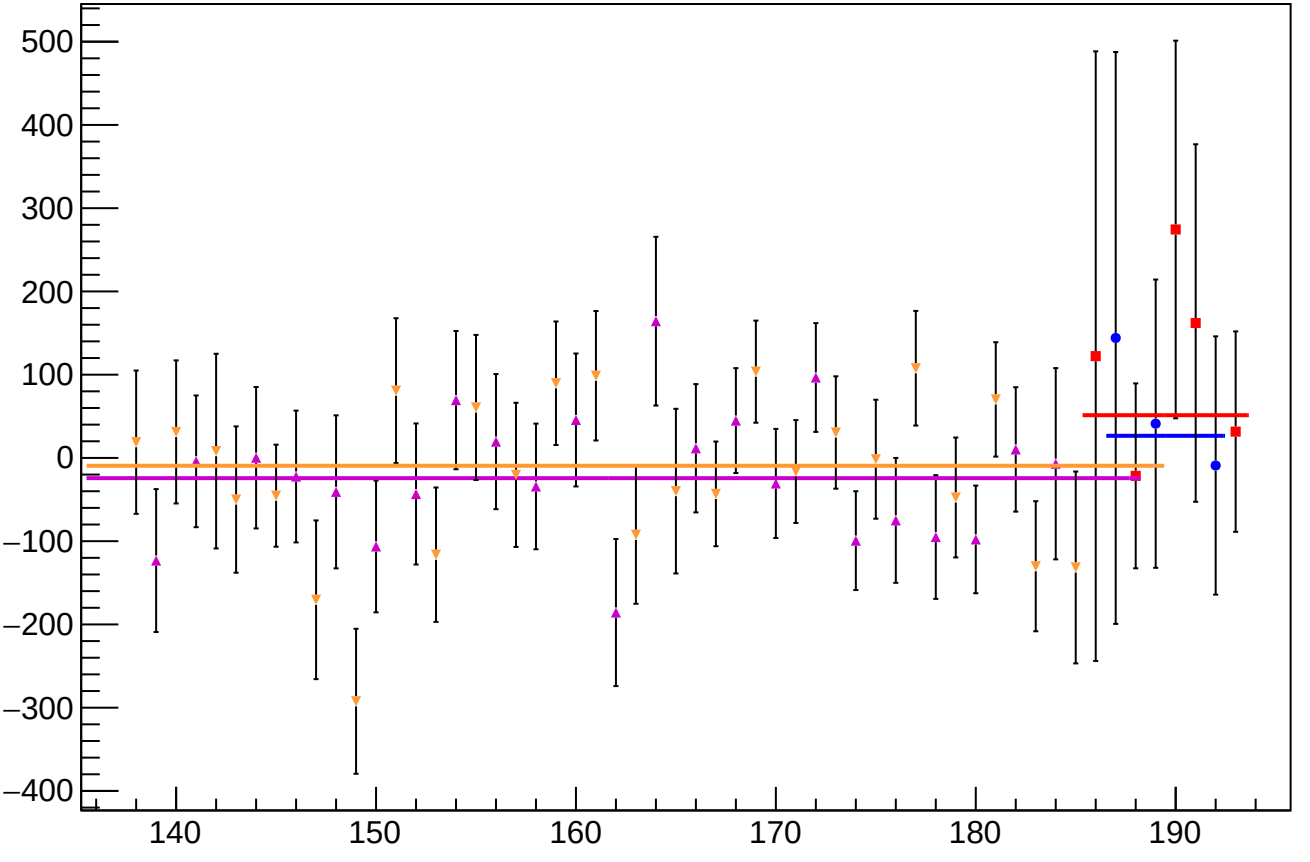
Right: 431.252+/-0.172 χ^2/NDF: 820581.3/7

In: 374.762+/-0.062 χ^2/NDF:617102.7/25

Out: 376.461+/-0.059 χ^2/NDF:1383048.7/29

All: 375.648+/-0.043 χ^2/NDF: 2000542.5/55

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 26.586+/-109.505 χ^2/NDF: 0.2/2

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 51.334+/-70.946 χ^2/NDF: 1.7/4

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

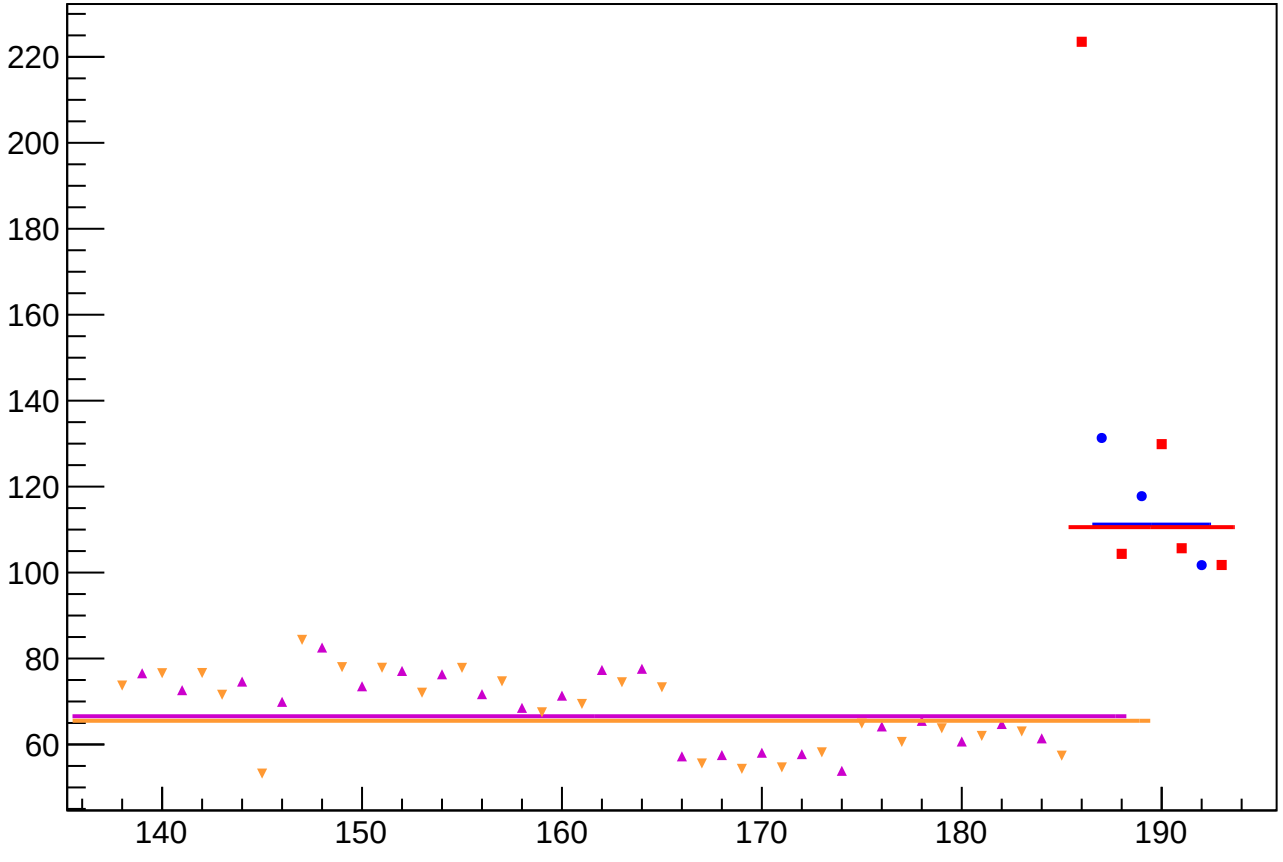
Right: 44.017+/-59.542 χ^2/NDF: 1.9/7

In: -23.226+/-15.865 χ^2/NDF:21.5/25

Out: -6.641+/-15.116 χ^2/NDF:37.1/29

All: -14.533+/-10.944 χ^2/NDF: 59.2/55

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 111.158+/-0.077 χ^2/NDF: 17203.6/2

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 110.568+/-0.050 χ^2/NDF: 222832.0/4

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

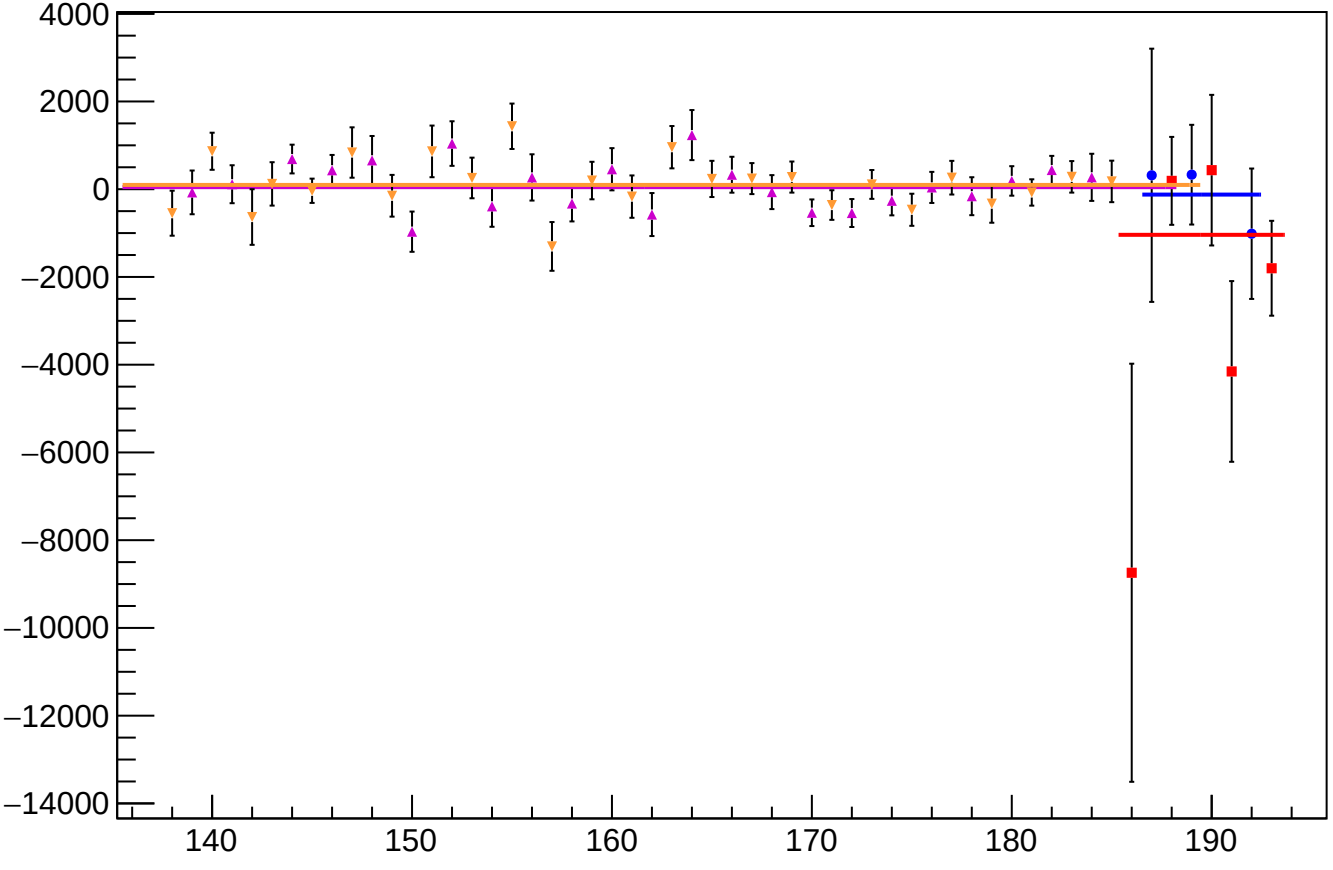
Right: 110.743+/-0.042 χ^2/NDF: 240076.5/7

In: 67.500+/-0.011 χ^2/NDF:863229.9/25

Out: 67.557+/-0.011 χ^2/NDF:1659866.9/29

All: 67.530+/-0.008 χ^2/NDF: 2523110.6/55

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -122.599+/-861.641 χ^2/NDF: 0.5/2

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -1039.876+/-636.197 χ^2/NDF: 7.6/4

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

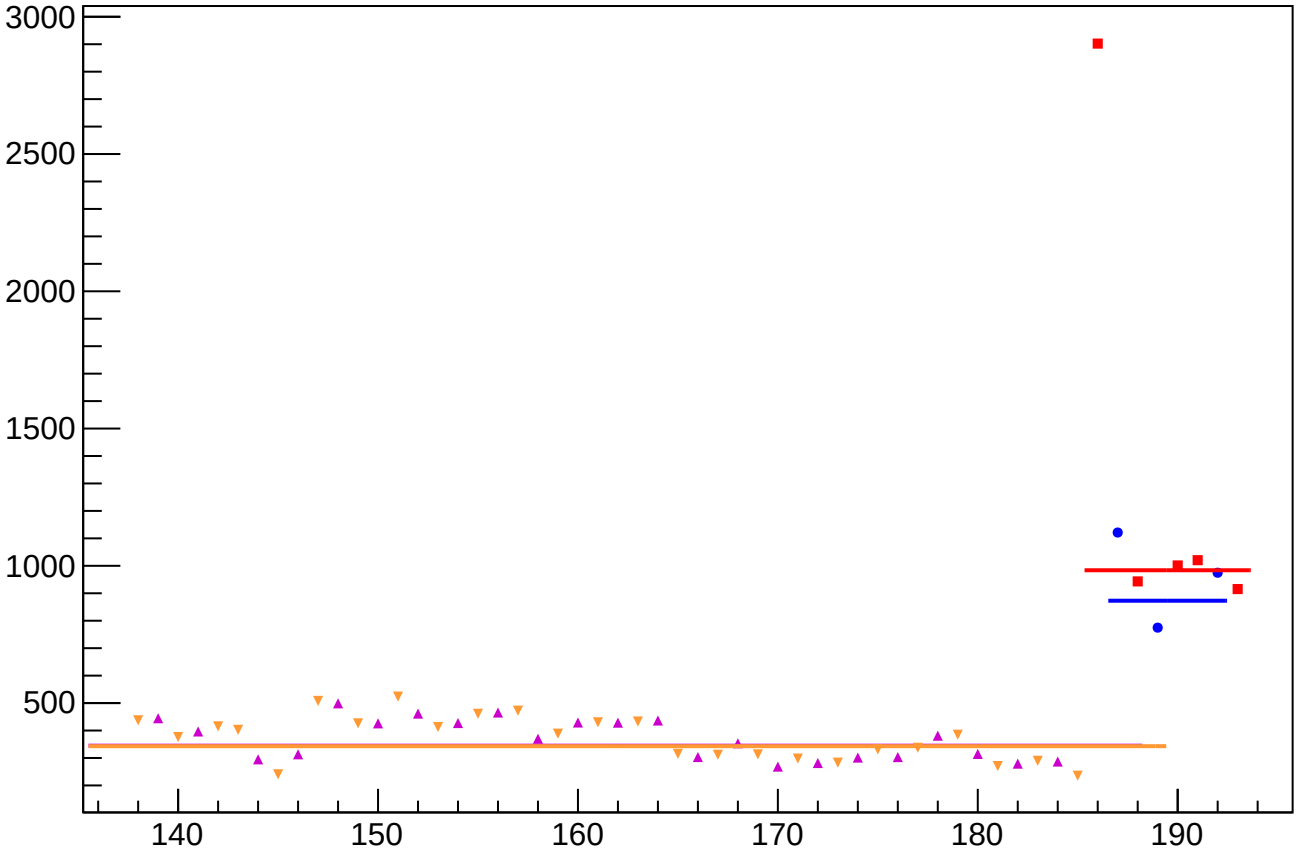
Right: -716.241+/-511.804 χ^2/NDF: 8.9/7

In: 45.072+/-83.463 χ^2/NDF:34.8/25

Out: 78.729+/-81.559 χ^2/NDF:44.1/29

All: 62.288+/-58.333 χ^2/NDF: 79.0/55

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 872.862+/-0.609 χ^2/NDF: 39135.7/2

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 983.822+/-0.450 χ^2/NDF: 336380.5/4

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

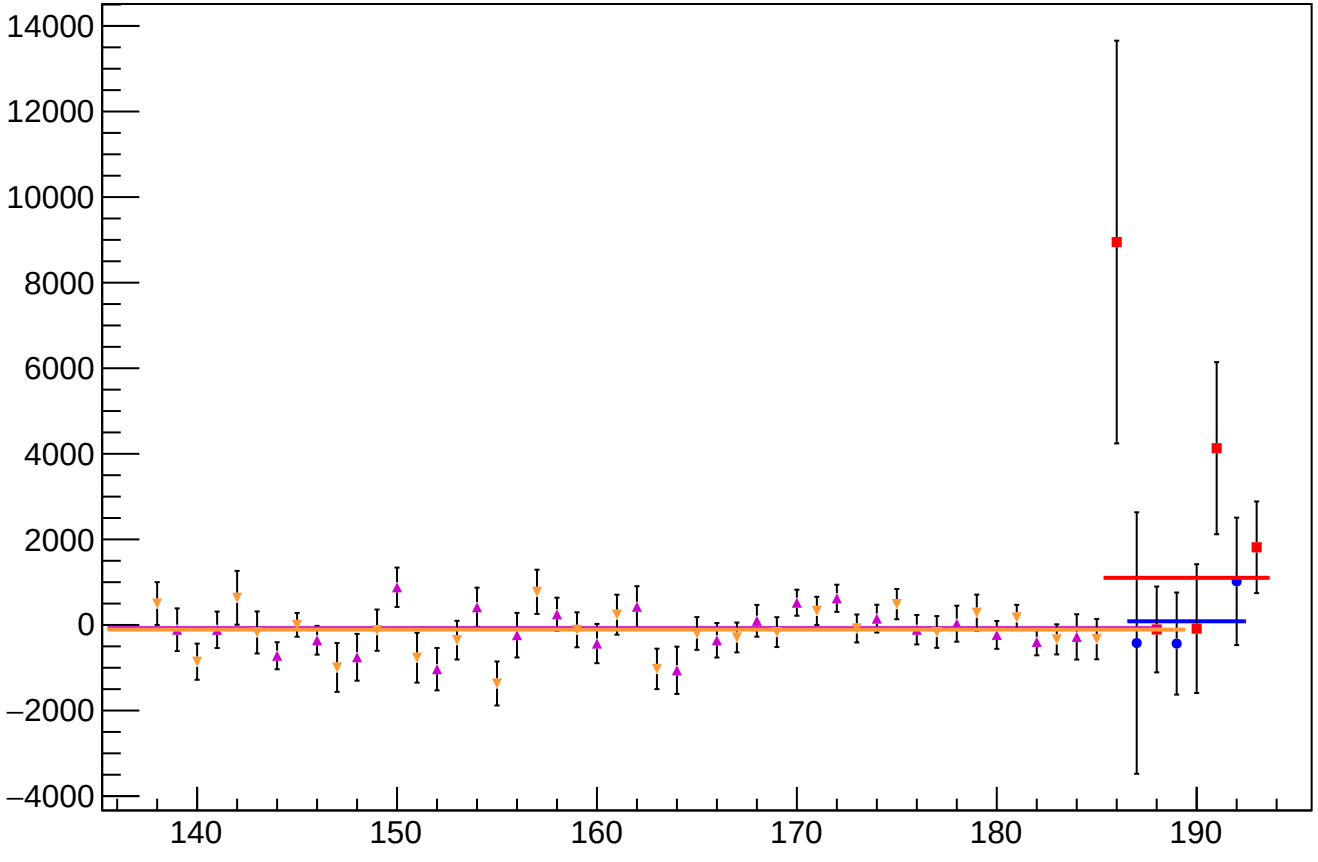
Right: 944.673+/-0.362 χ^2/NDF: 396981.5/7

In: 349.773+/-0.059 χ^2/NDF:2047766.0/25

Out: 353.527+/-0.058 χ^2/NDF:3997364.6/29

All: 351.693+/-0.041 χ^2/NDF: 6047200.7/55

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 86.013+/-890.735 χ^2/NDF: 0.6/2

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 1102.352+/-620.260 χ^2/NDF: 7.6/4

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

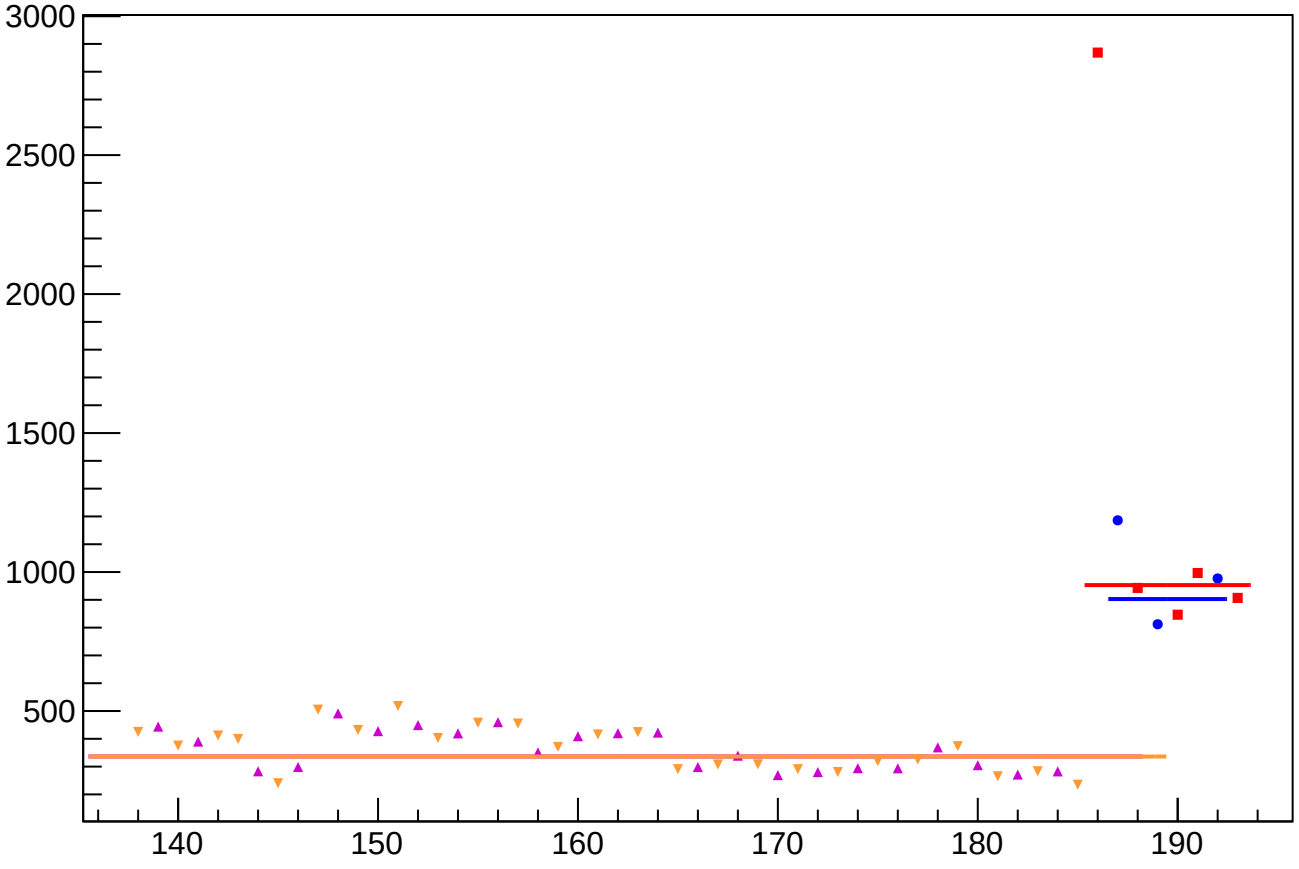
Right: 770.463+/-509.009 χ^2/NDF: 9.0/7

In: -73.635+/-81.605 χ^2/NDF:33.3/25

Out: -87.948+/-79.908 χ^2/NDF:42.2/29

All: -80.941+/-57.094 χ^2/NDF: 75.5/55

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 902.804+/-0.630 χ^2/NDF: 33674.8/2

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 952.997+/-0.439 χ^2/NDF: 346279.7/4

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

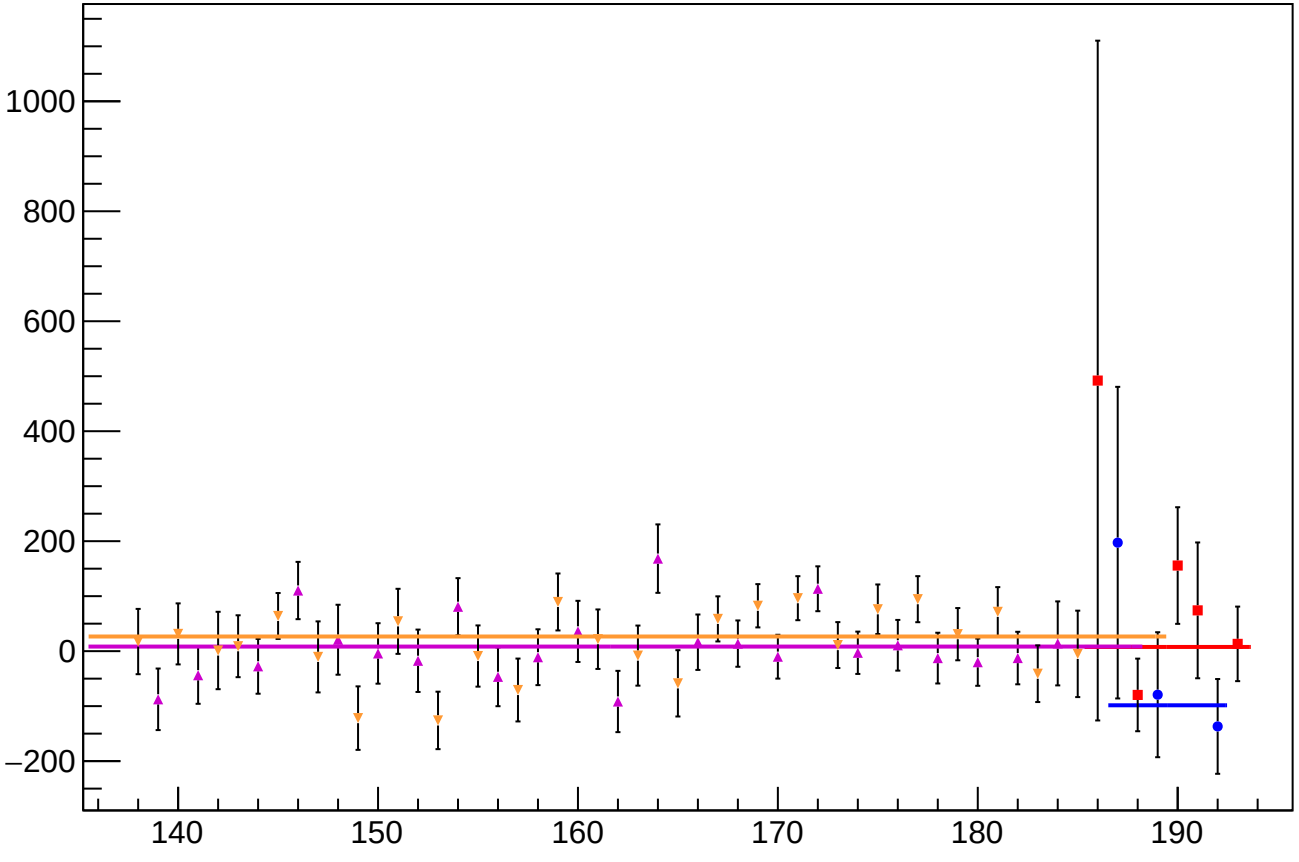
Right: 936.607+/-0.360 χ^2/NDF: 384231.3/7

In: 341.150+/-0.058 χ^2/NDF:2105184.0/25

Out: 346.467+/-0.057 χ^2/NDF:3950685.6/29

All: 343.865+/-0.040 χ^2/NDF: 6060205.0/55

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -98.460+/-66.738 χ^2/NDF: 1.3/2

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 7.642+/-40.684 χ^2/NDF: 4.6/4

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

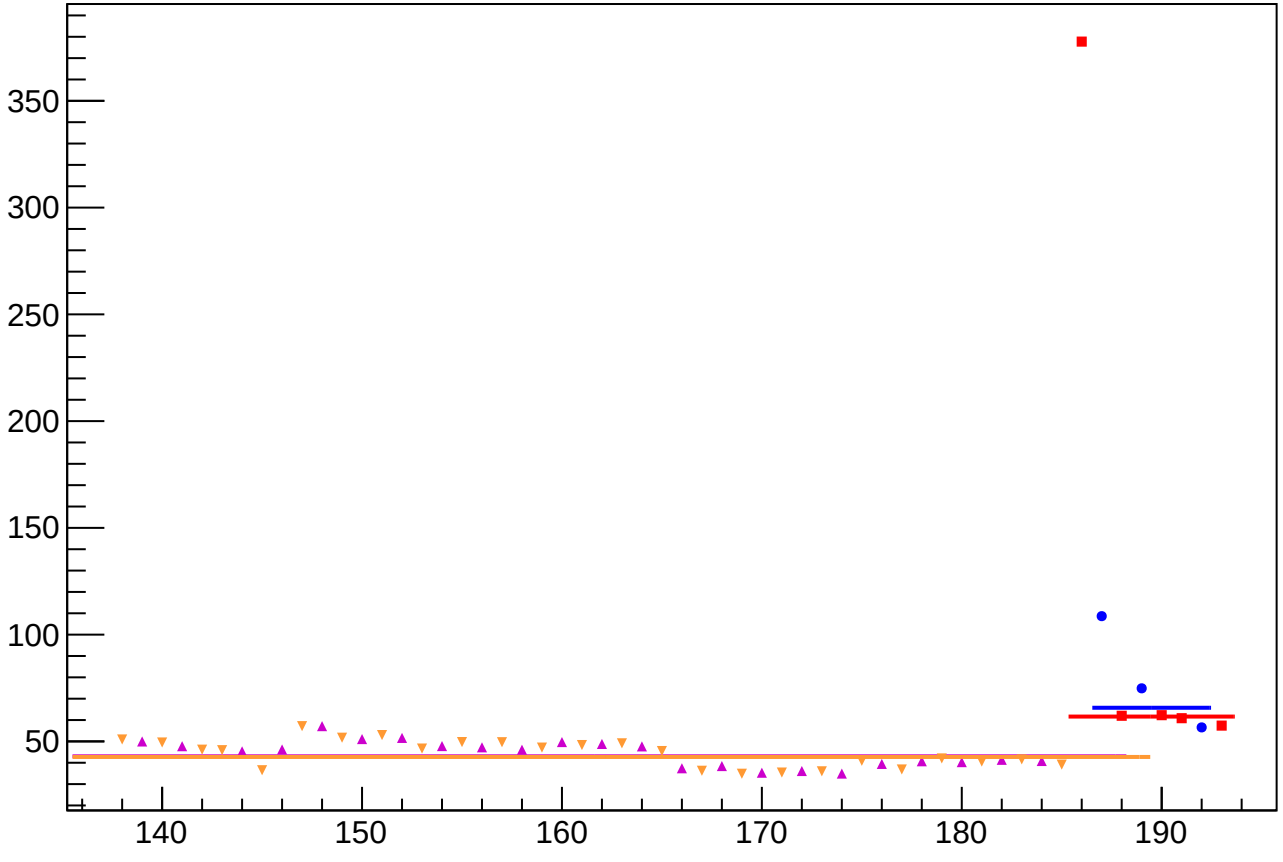
Right: -21.105+/-34.738 χ^2/NDF: 7.8/7

In: 5.812+/-10.238 χ^2/NDF:33.4/25

Out: 25.532+/-9.794 χ^2/NDF:41.3/29

All: 16.109+/-7.077 χ^2/NDF: 76.6/55

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.755+/-0.047 χ^2/NDF: 81471.2/2

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 61.628+/-0.029 χ^2/NDF: 531056.8/4

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

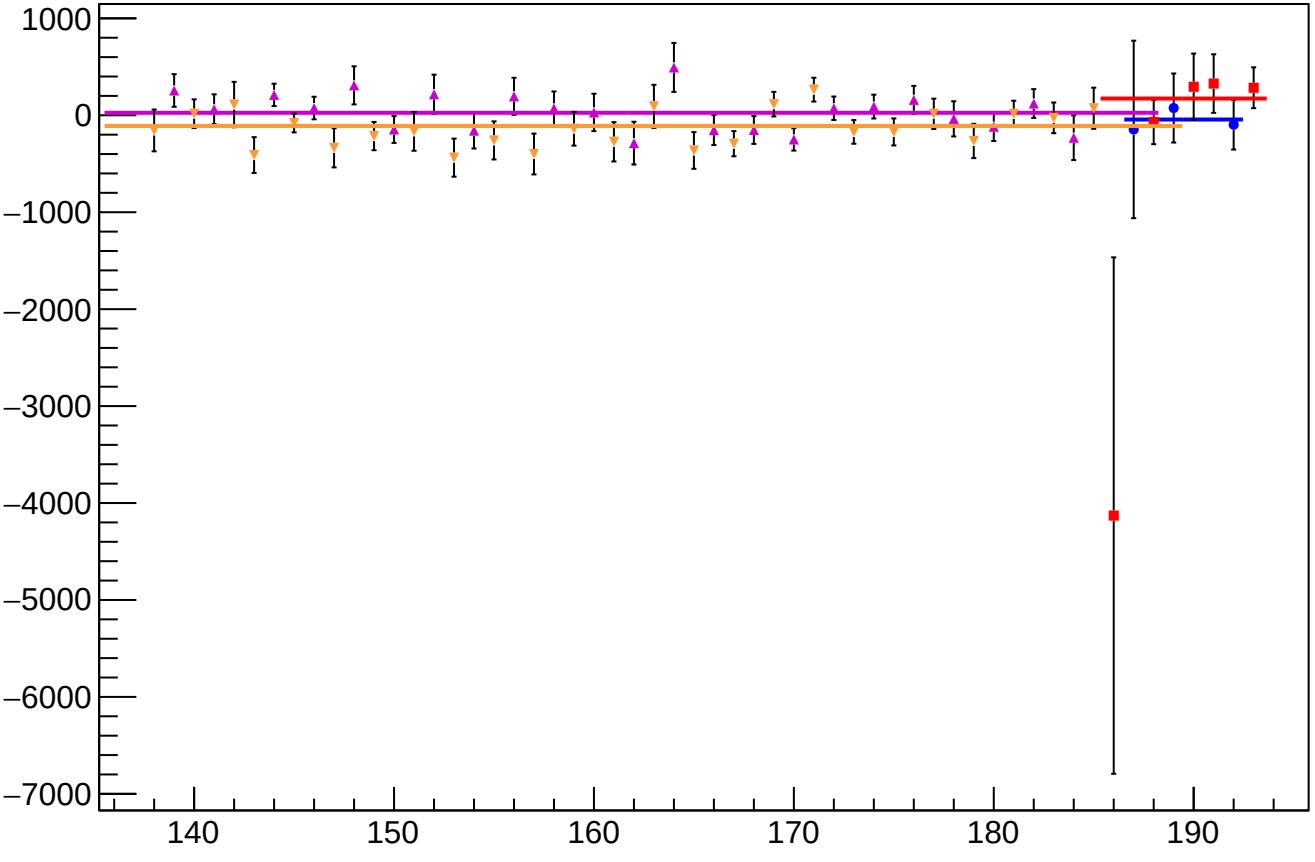
Right: 62.746+/-0.025 χ^2/NDF: 618103.7/7

In: 43.556+/-0.007 χ^2/NDF:950672.6/25

Out: 43.812+/-0.007 χ^2/NDF:1709730.7/29

All: 43.690+/-0.005 χ^2/NDF: 2661052.9/55

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -43.720+/-202.744 χ^2/NDF: 0.2/2

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 172.900+/-127.757 χ^2/NDF: 4.4/4

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

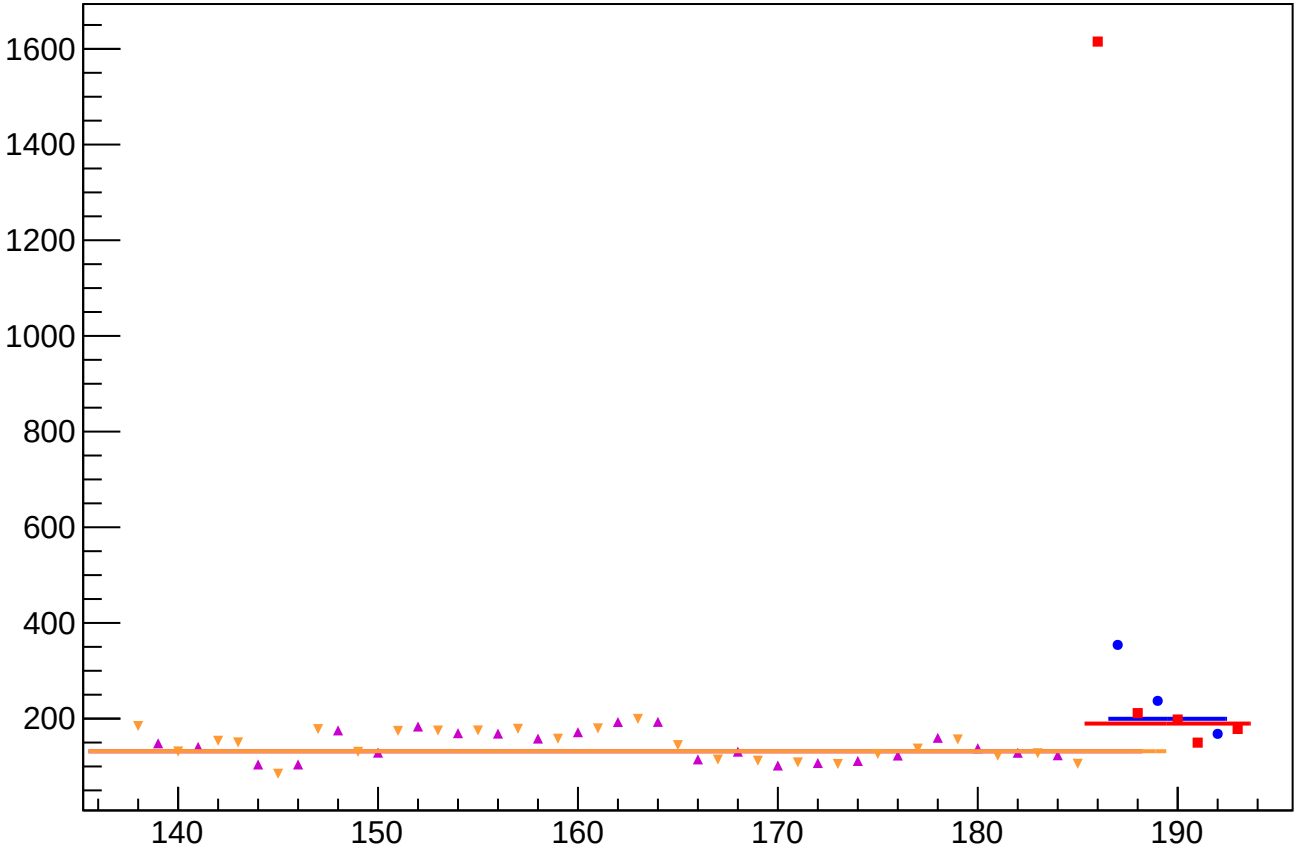
Right: 111.333+/-108.087 χ^2/NDF: 5.4/7

In: 24.127+/-31.705 χ^2/NDF:29.3/25

Out: -93.897+/-30.783 χ^2/NDF:42.0/29

All: -36.626+/-22.085 χ^2/NDF: 78.4/55

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 199.651+/-0.143 χ^2/NDF: 109354.0/2

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 189.644+/-0.090 χ^2/NDF: 632796.5/4

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

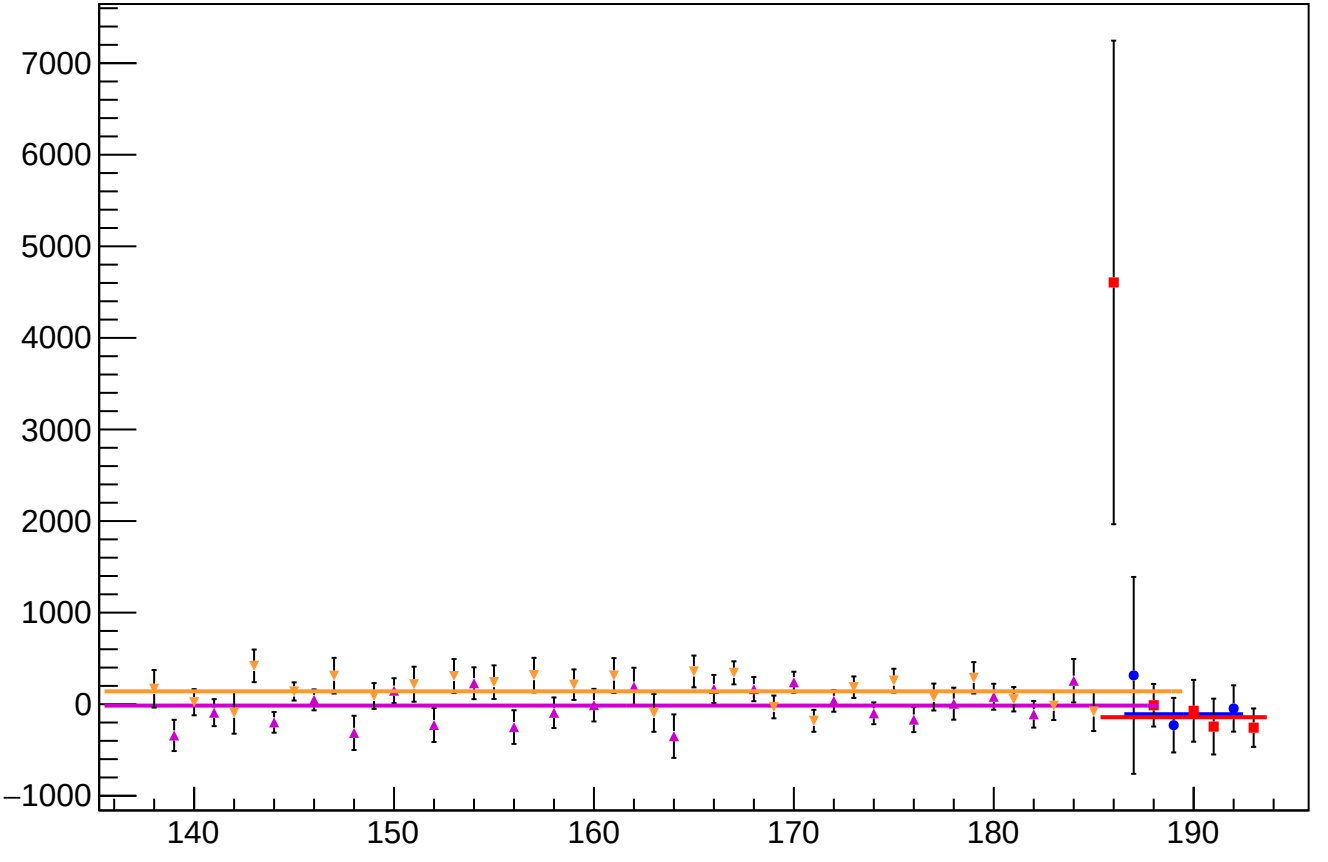
Right: 192.488+/-0.076 χ^2/NDF: 745638.0/7

In: 133.293+/-0.022 χ^2/NDF:1732664.3/25

Out: 135.228+/-0.022 χ^2/NDF:2824370.5/29

All: 134.289+/-0.016 χ^2/NDF: 4560871.5/55

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -109.469+/-189.852 χ^2/NDF: 0.4/2

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -141.631+/-128.112 χ^2/NDF: 4.0/4

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

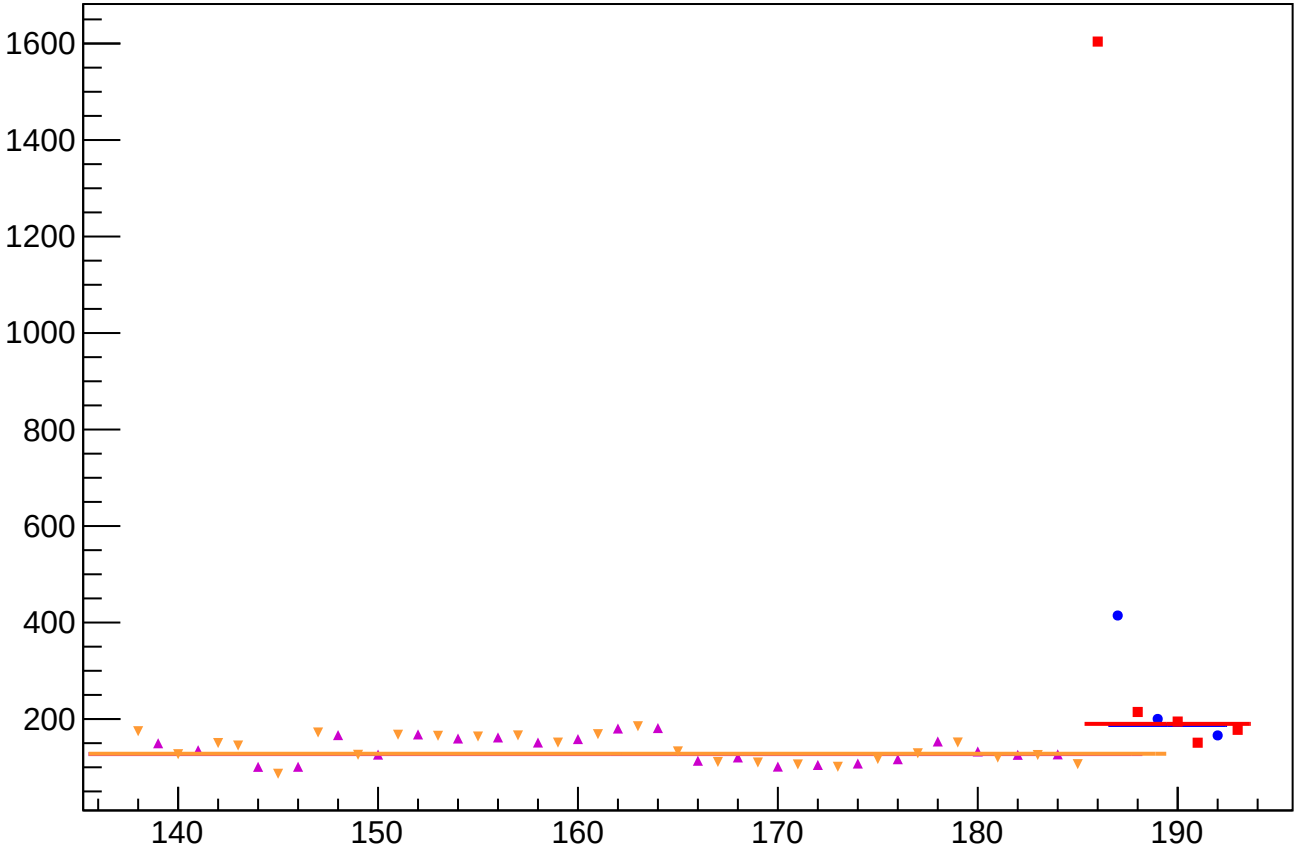
Right: -131.568+/-106.195 χ^2/NDF: 4.4/7

In: -17.652+/-30.627 χ^2/NDF:32.0/25

Out: 125.720+/-29.796 χ^2/NDF:35.7/29

All: 56.005+/-21.356 χ^2/NDF: 79.0/55

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 187.688+/-0.134 χ^2/NDF: 107269.6/2

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 189.999+/-0.091 χ^2/NDF: 636358.0/4

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

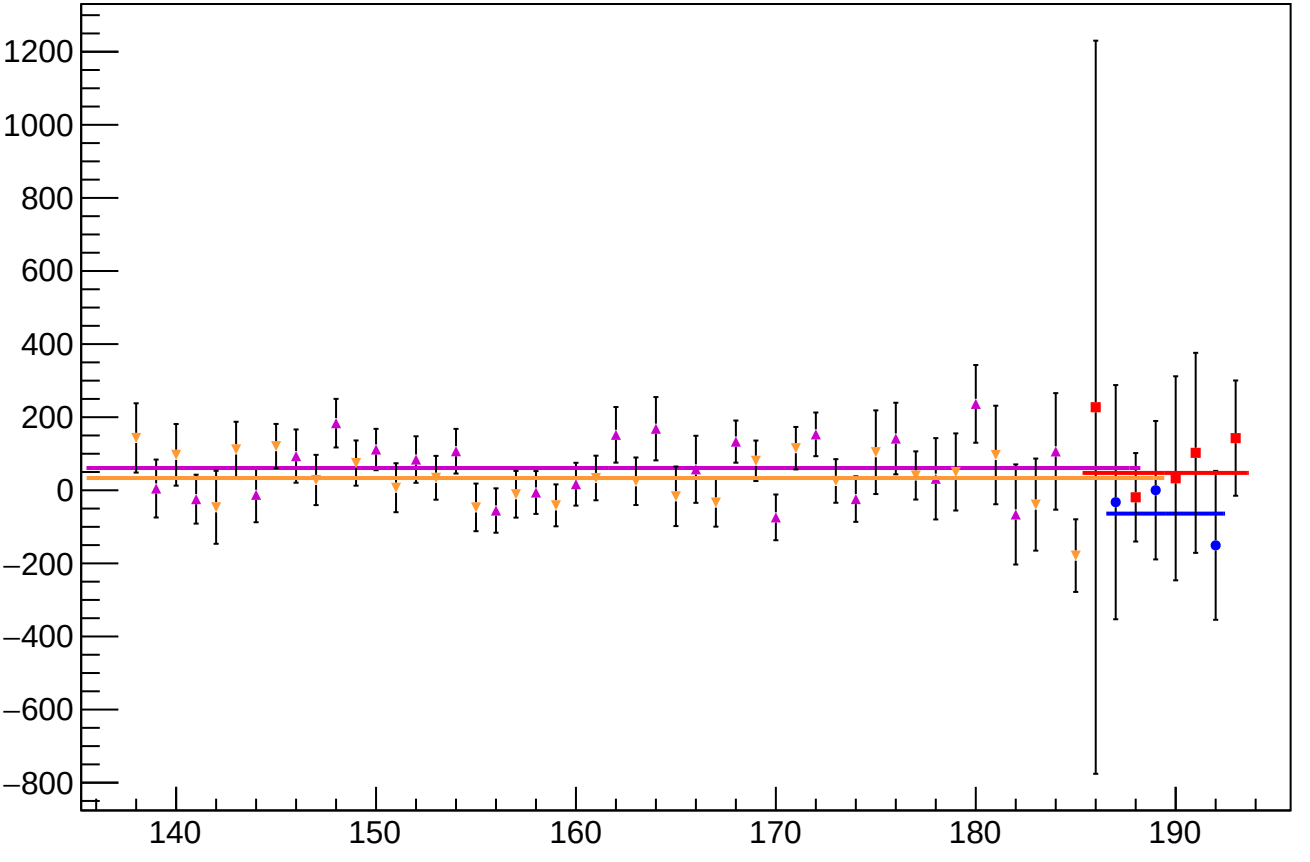
Right: 189.276+/-0.075 χ^2/NDF: 743831.2/7

In: 128.949+/-0.022 χ^2/NDF:1533731.0/25

Out: 131.410+/-0.021 χ^2/NDF:2608857.4/29

All: 130.213+/-0.015 χ^2/NDF: 4149222.2/55

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -63.812+/-127.297 χ^2/NDF: 0.3/2

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 47.562+/-85.868 χ^2/NDF: 0.7/4

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

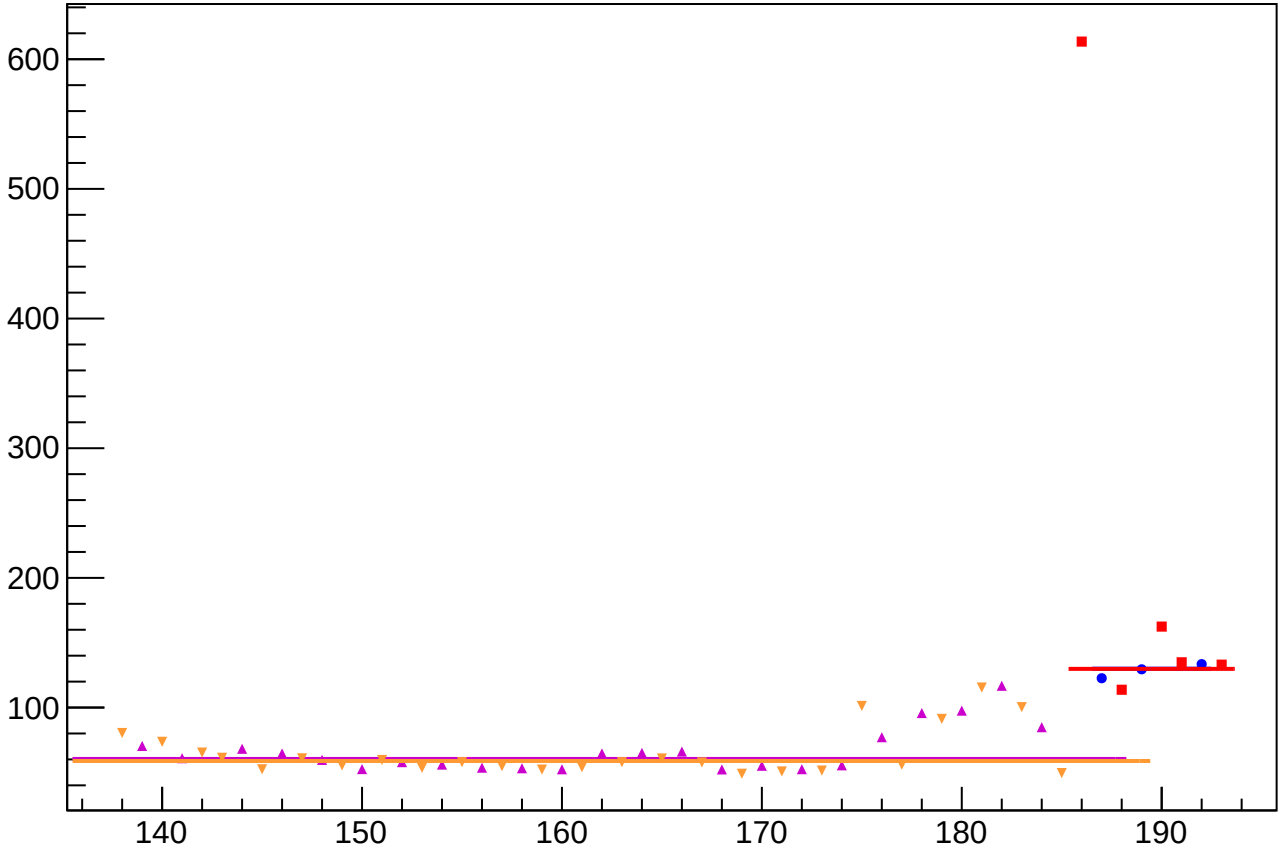
Right: 12.733+/-71.186 χ^2/NDF: 1.6/7

In: 59.319+/-14.739 χ^2/NDF:32.8/25

Out: 33.908+/-14.006 χ^2/NDF:20.4/29

All: 45.966+/-10.153 χ^2/NDF: 54.8/55

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 129.967+/-0.090 χ^2/NDF: 1663.7/2

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 129.829+/-0.061 χ^2/NDF: 529457.0/4

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

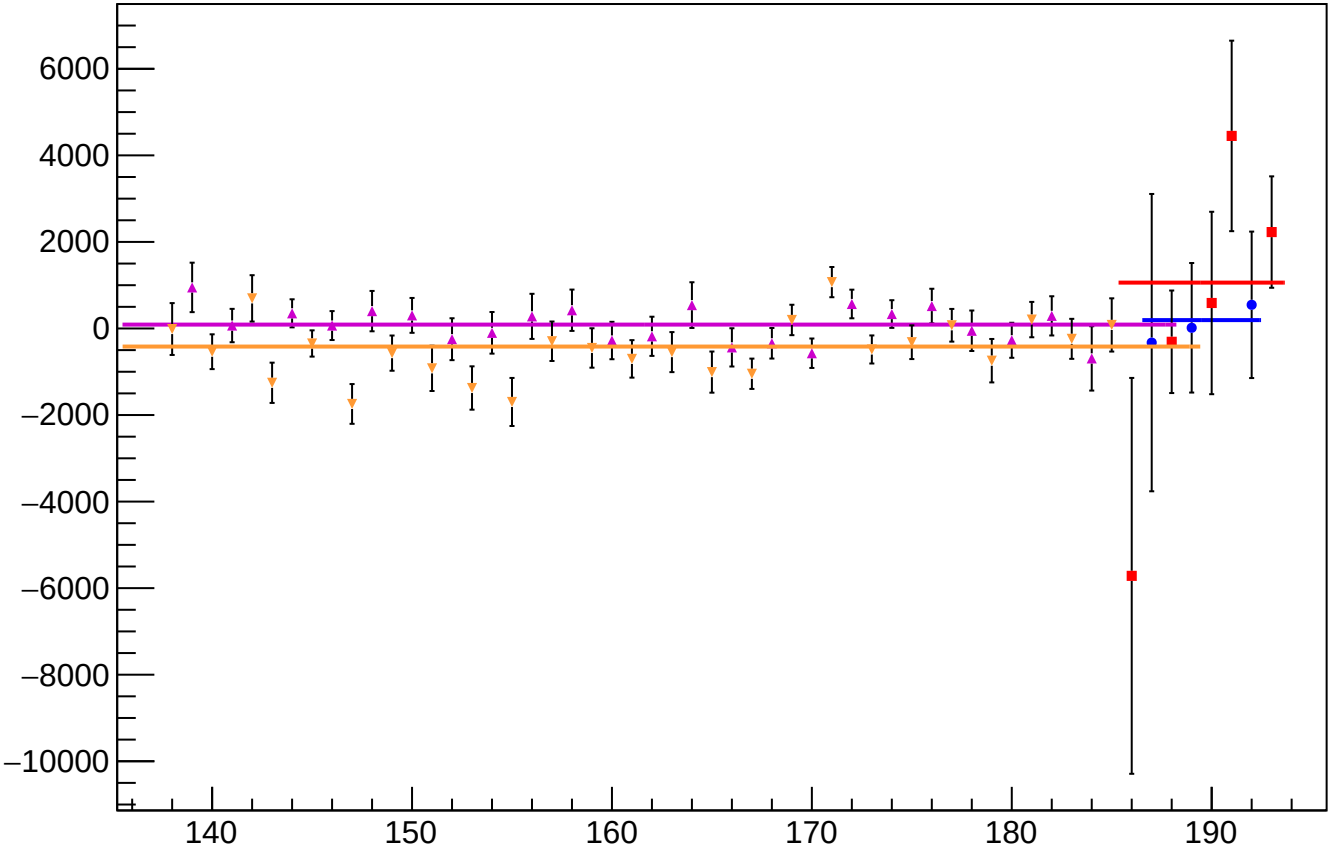
Right: 129.872+/-0.050 χ^2/NDF: 531122.3/7

In: 61.288+/-0.010 χ^2/NDF:1809392.3/25

Out: 60.683+/-0.010 χ^2/NDF:3322359.4/29

All: 60.970+/-0.007 χ^2/NDF: 5133523.0/55

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 193.379+/-1065.751 χ^2/NDF: 0.1/2

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 1059.799+/-746.271 χ^2/NDF: 6.8/4

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

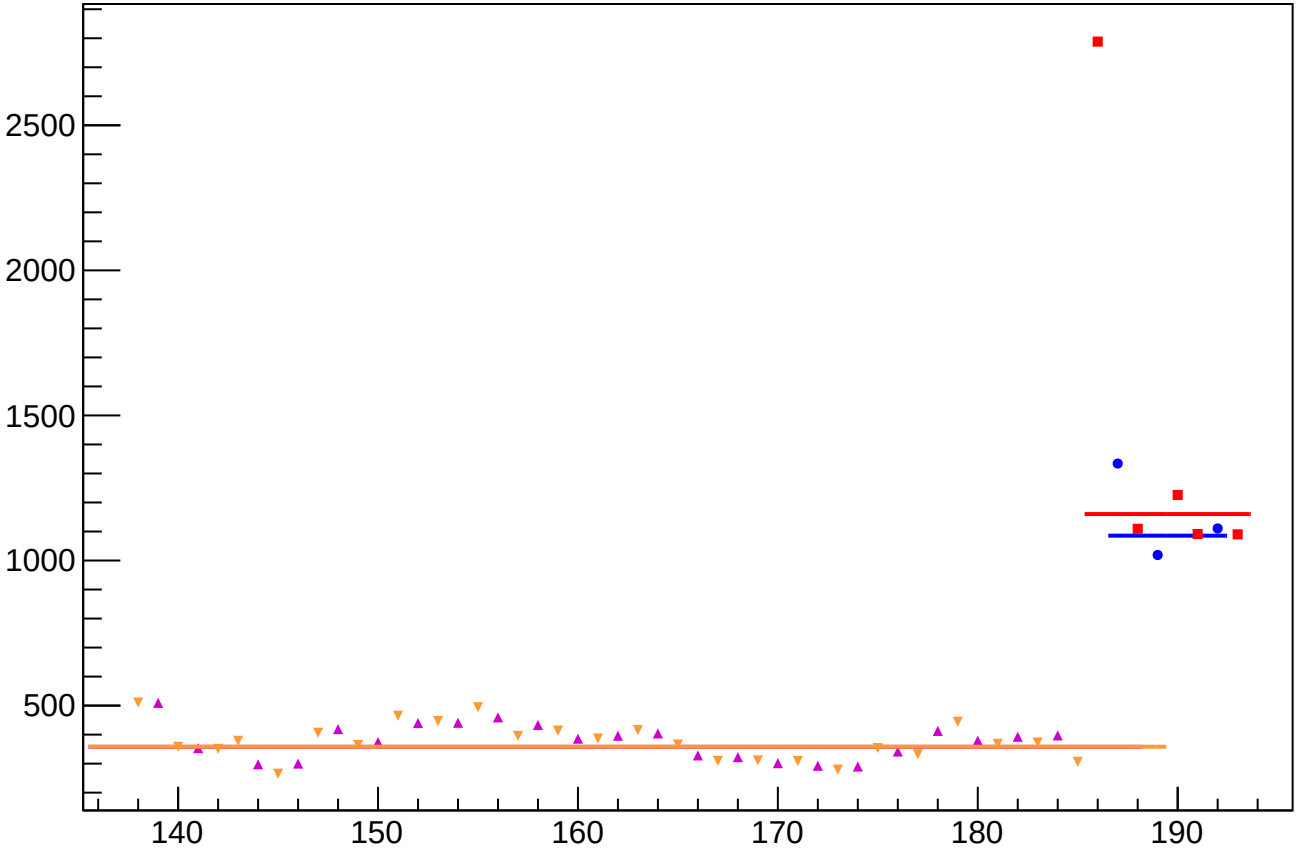
Right: 774.743+/-611.303 χ^2/NDF: 7.3/7

In: 90.184+/-86.155 χ^2/NDF:19.5/25

Out: -398.907+/-84.424 χ^2/NDF:69.1/29

All: -159.326+/-60.300 χ^2/NDF: 105.1/55

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1085.657+/-0.754 χ^2/NDF: 14869.0/2

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1160.155+/-0.528 χ^2/NDF: 266964.8/4

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

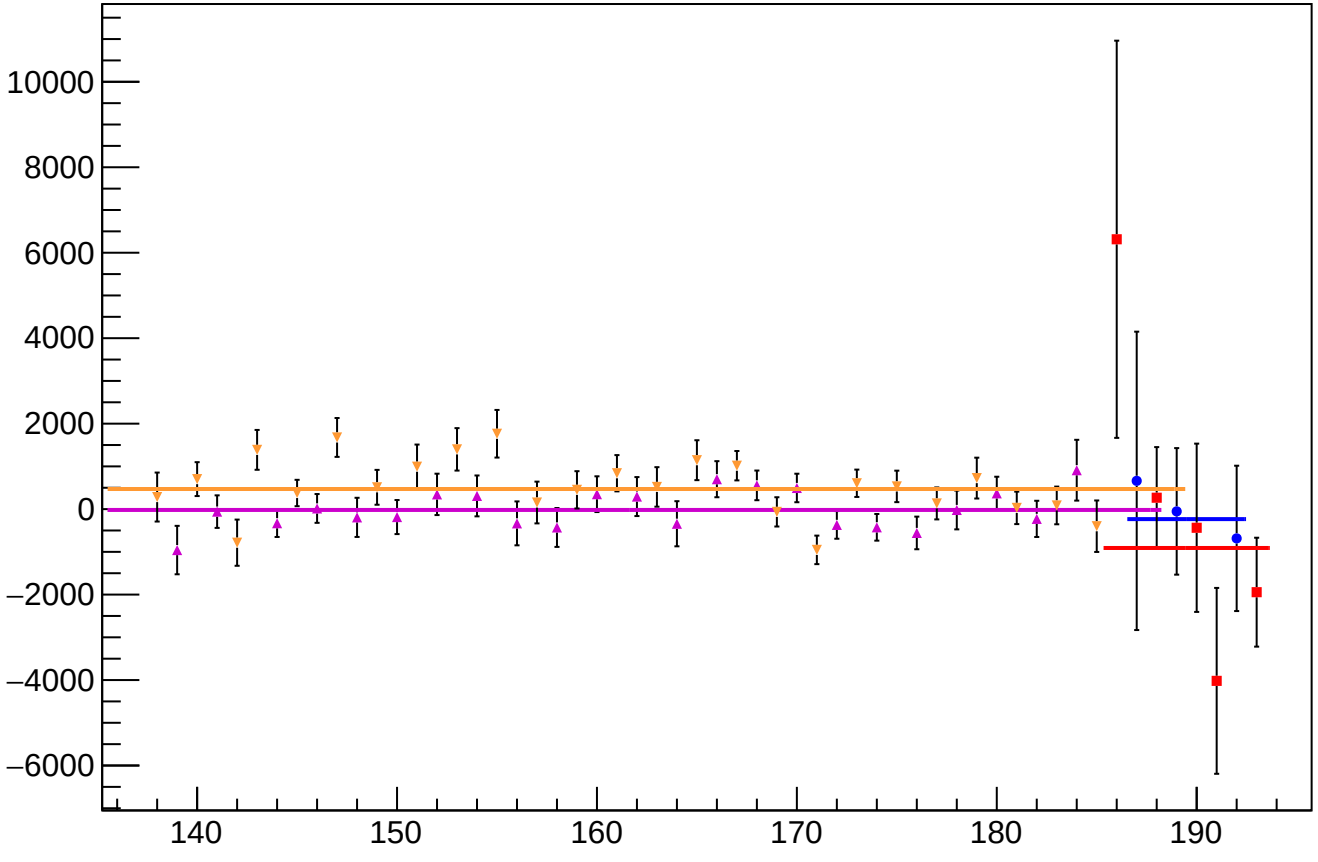
Right: 1135.645+/-0.432 χ^2/NDF: 288391.1/7

In: 362.558+/-0.061 χ^2/NDF:1834946.1/25

Out: 368.610+/-0.060 χ^2/NDF:3558032.2/29

All: 365.646+/-0.043 χ^2/NDF: 5398013.2/55

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -233.713+/-1063.647 χ^2/NDF: 0.2/2

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -909.208+/-736.400 χ^2/NDF: 6.2/4

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

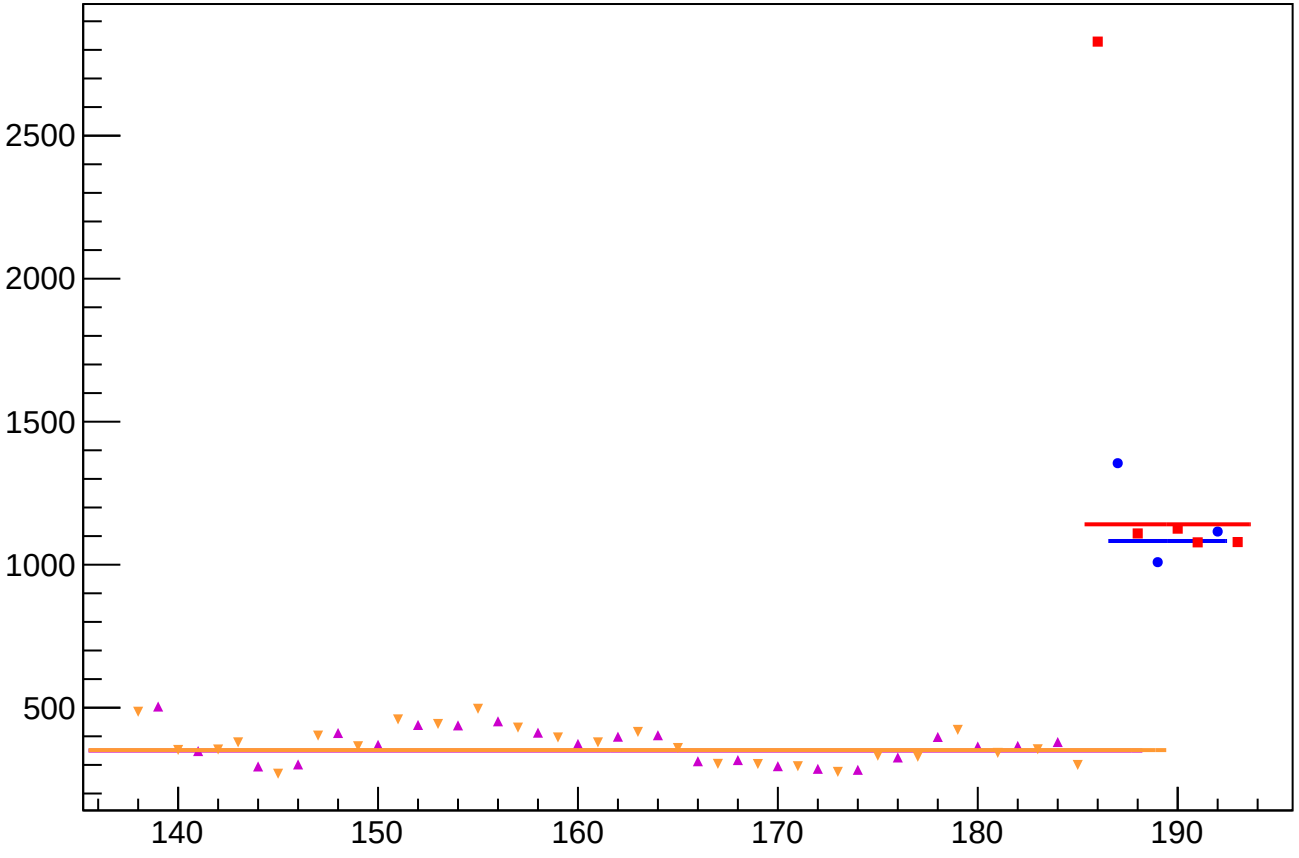
Right: -690.336+/-605.454 χ^2/NDF: 6.6/7

In: -20.678+/-84.412 χ^2/NDF:23.9/25

Out: 453.295+/-82.948 χ^2/NDF:68.3/29

All: 220.454+/-59.164 χ^2/NDF: 108.2/55

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1082.888+/-0.752 χ^2/NDF: 17895.7/2

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1141.176+/-0.521 χ^2/NDF: 271726.9/4

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

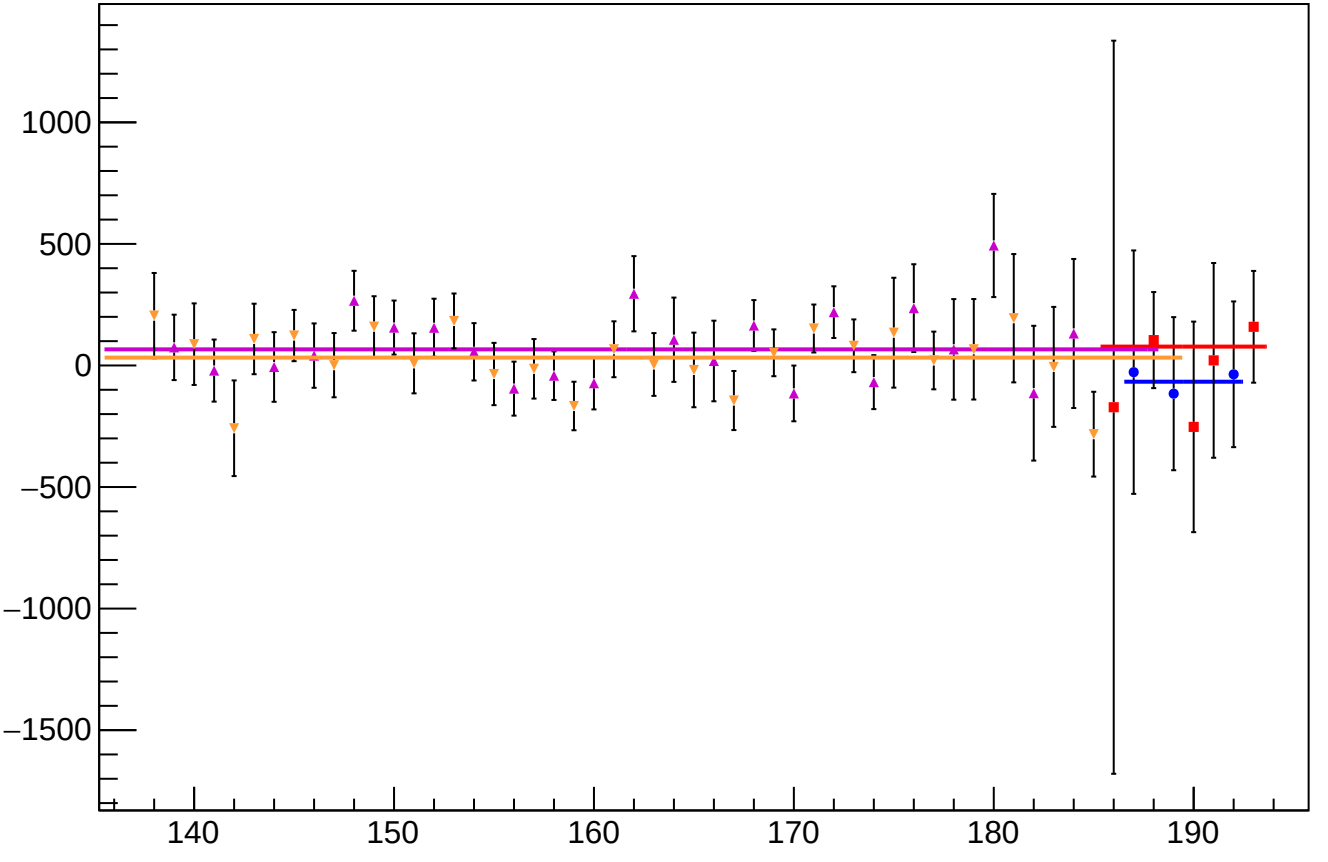
Right: 1122.290+/-0.428 χ^2/NDF: 293682.7/7

In: 354.653+/-0.060 χ^2/NDF:1850789.2/25

Out: 361.793+/-0.059 χ^2/NDF:3557604.0/29

All: 358.285+/-0.042 χ^2/NDF: 5415673.4/55

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -66.822+/-199.169 χ^2/NDF: 0.0/2

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: 77.637+/-132.982 χ^2/NDF: 0.8/4

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

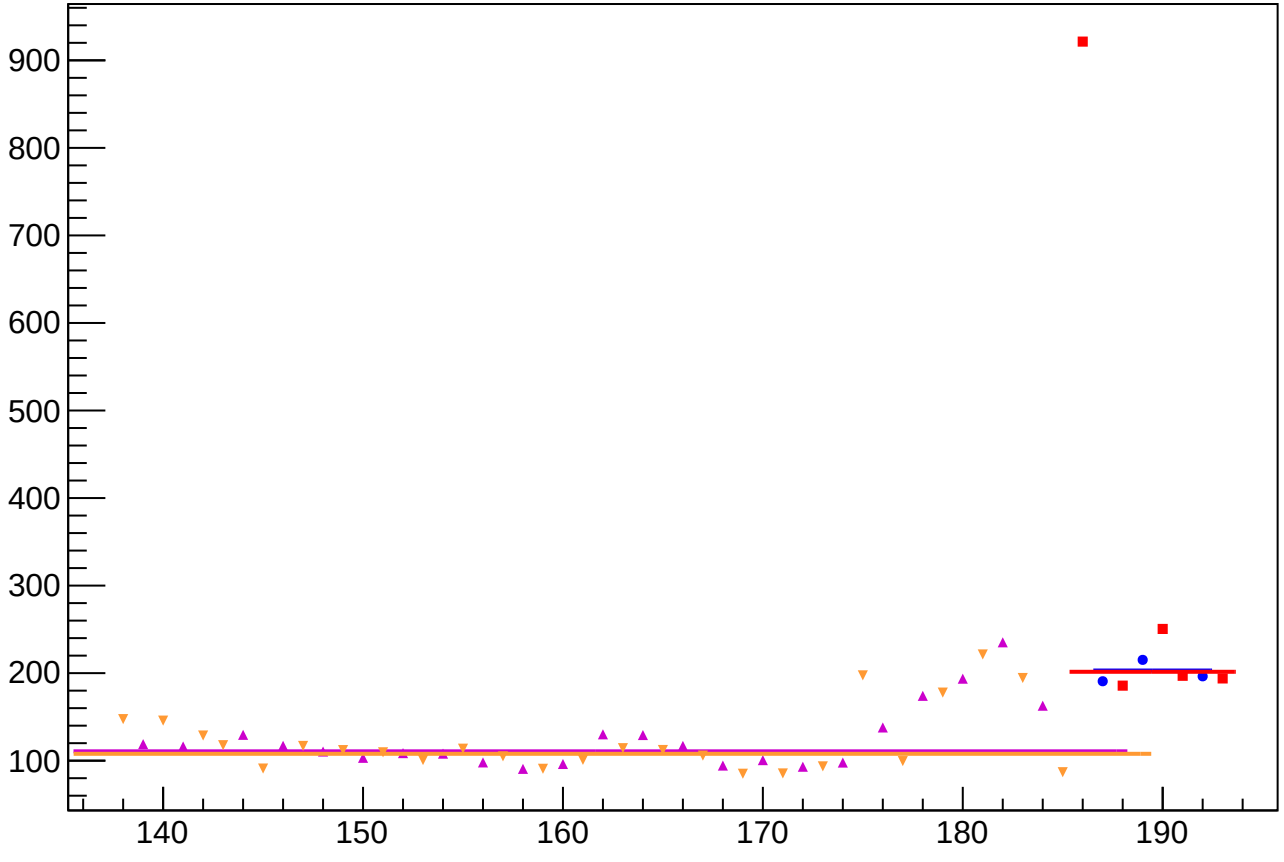
Right: 33.095+/-110.596 χ^2/NDF: 1.2/7

In: 63.774+/-27.193 χ^2/NDF:24.7/25

Out: 34.040+/-25.819 χ^2/NDF:20.5/29

All: 48.136+/-18.724 χ^2/NDF: 45.8/55

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 202.995+/-0.141 χ^2/NDF: 5167.1/2

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 201.541+/-0.094 χ^2/NDF: 496718.5/4

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

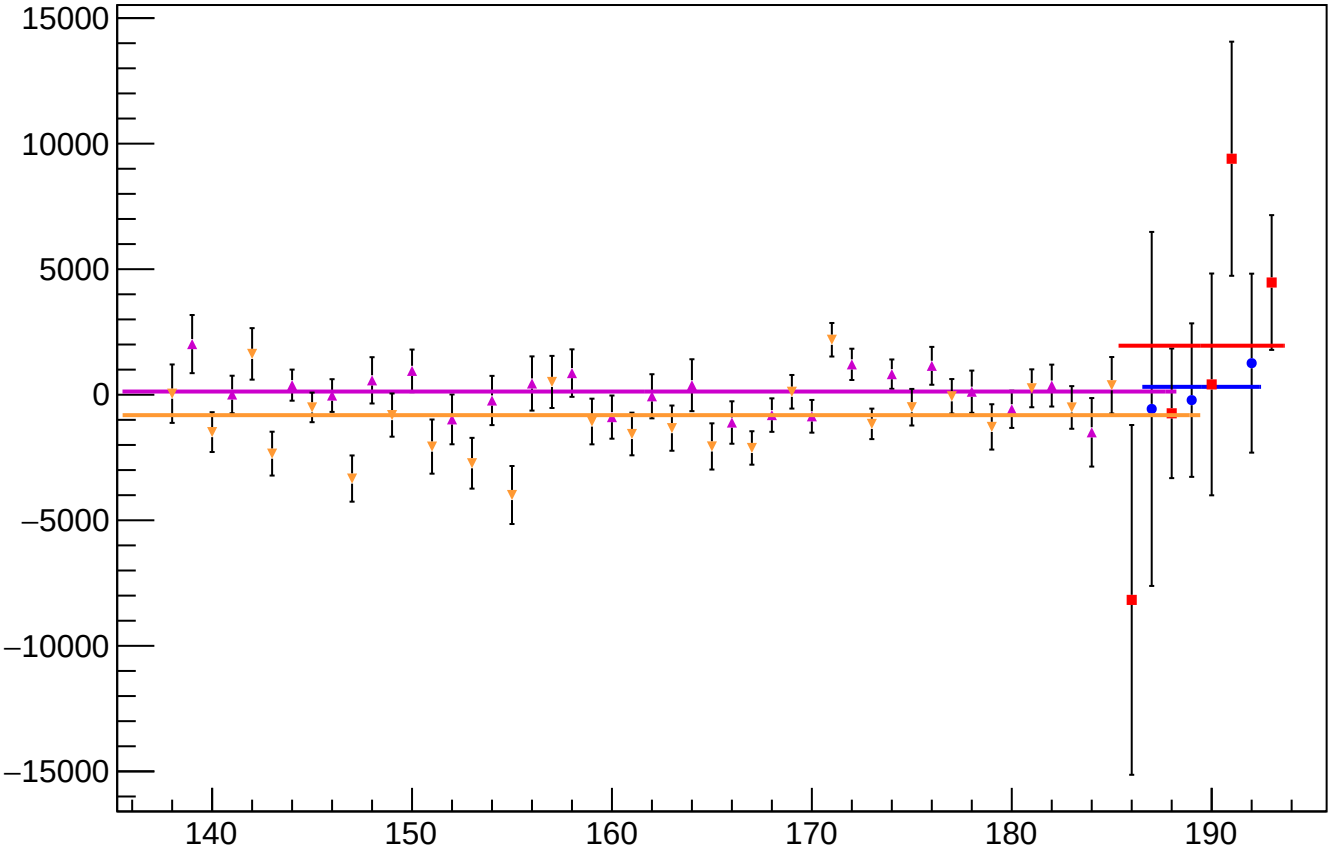
Right: 201.989+/-0.078 χ^2/NDF: 501959.3/7

In: 112.412+/-0.019 χ^2/NDF:1833310.5/25

Out: 111.384+/-0.018 χ^2/NDF:3285755.7/29

All: 111.871+/-0.013 χ^2/NDF: 5120568.3/55

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 314.556+/-2203.888 χ^2/NDF: 0.1/2

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 1953.165+/-1567.854 χ^2/NDF: 6.8/4

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

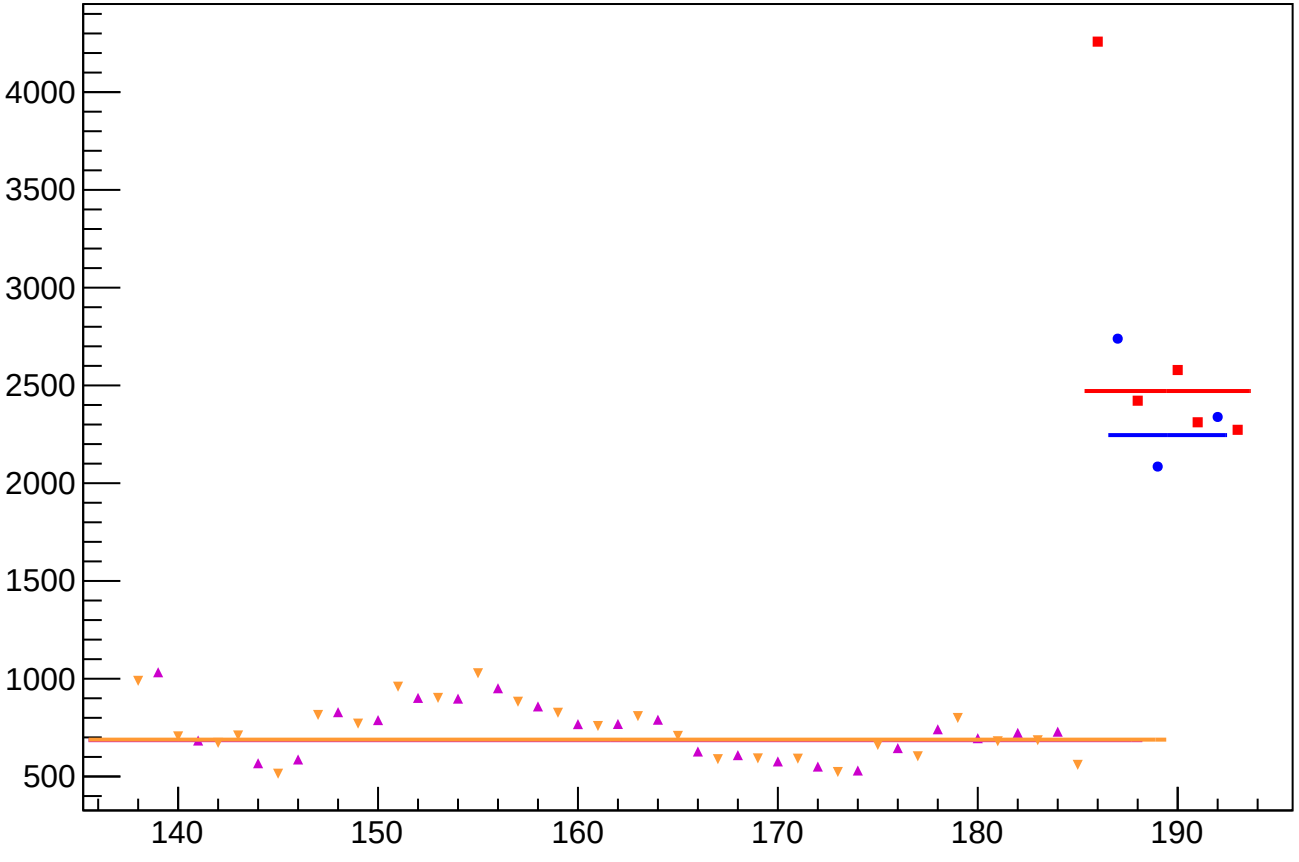
Right: 1402.540+/-1277.555 χ^2/NDF: 7.2/7

In: 128.487+/-165.837 χ^2/NDF:22.9/25

Out: -783.054+/-163.210 χ^2/NDF:76.0/29

All: -334.559+/-116.325 χ^2/NDF: 114.2/55

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2245.971+/-1.558 χ^2/NDF: 16692.9/2

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2471.410+/-1.109 χ^2/NDF: 146821.5/4

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

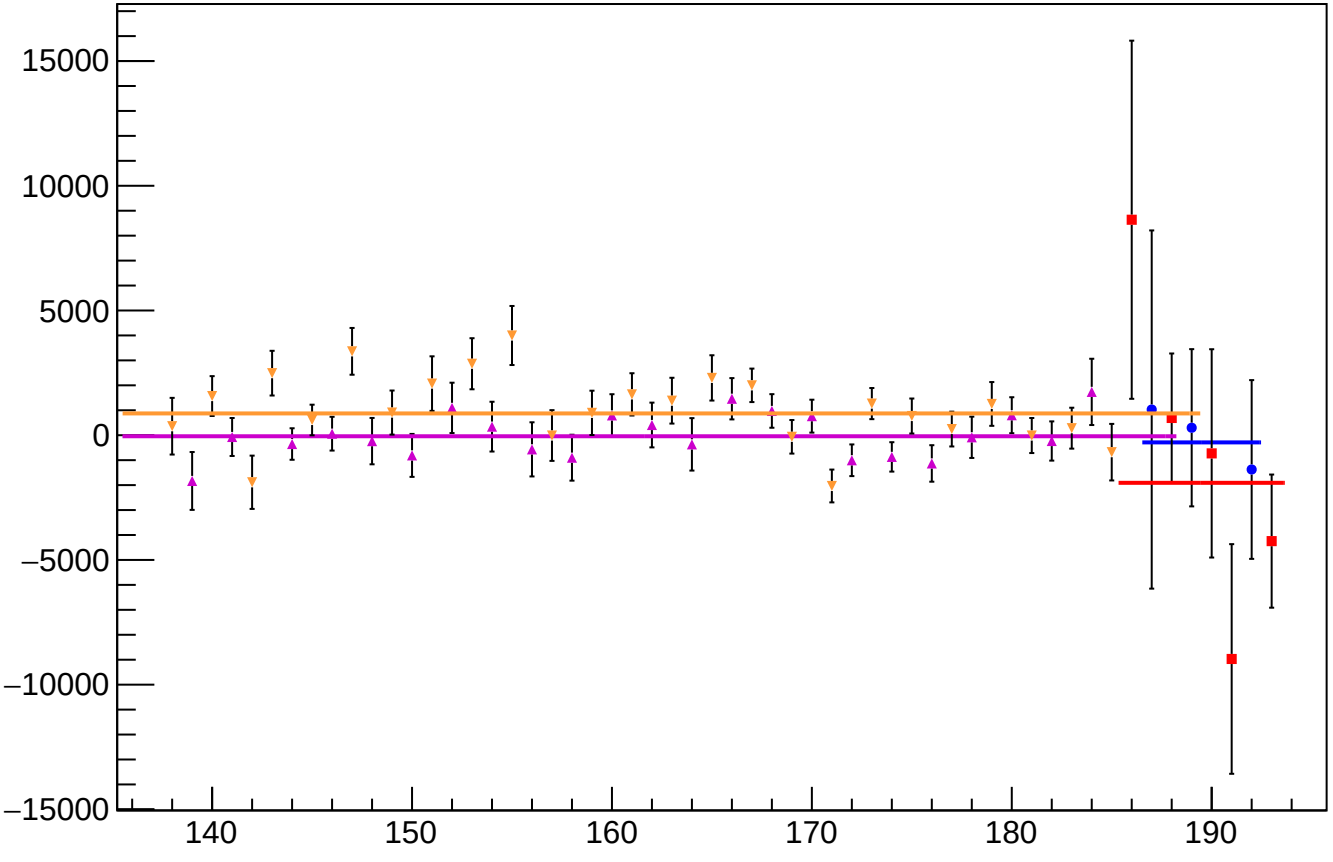
Right: 2395.656+/-0.903 χ^2/NDF: 177409.3/7

In: 694.568+/-0.117 χ^2/NDF:2169661.6/25

Out: 707.833+/-0.115 χ^2/NDF:3992753.1/29

All: 701.306+/-0.082 χ^2/NDF: 6168915.0/55

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -287.798+/-2247.552 χ^2/NDF: 0.2/2

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -1908.362+/-1554.171 χ^2/NDF: 6.4/4

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

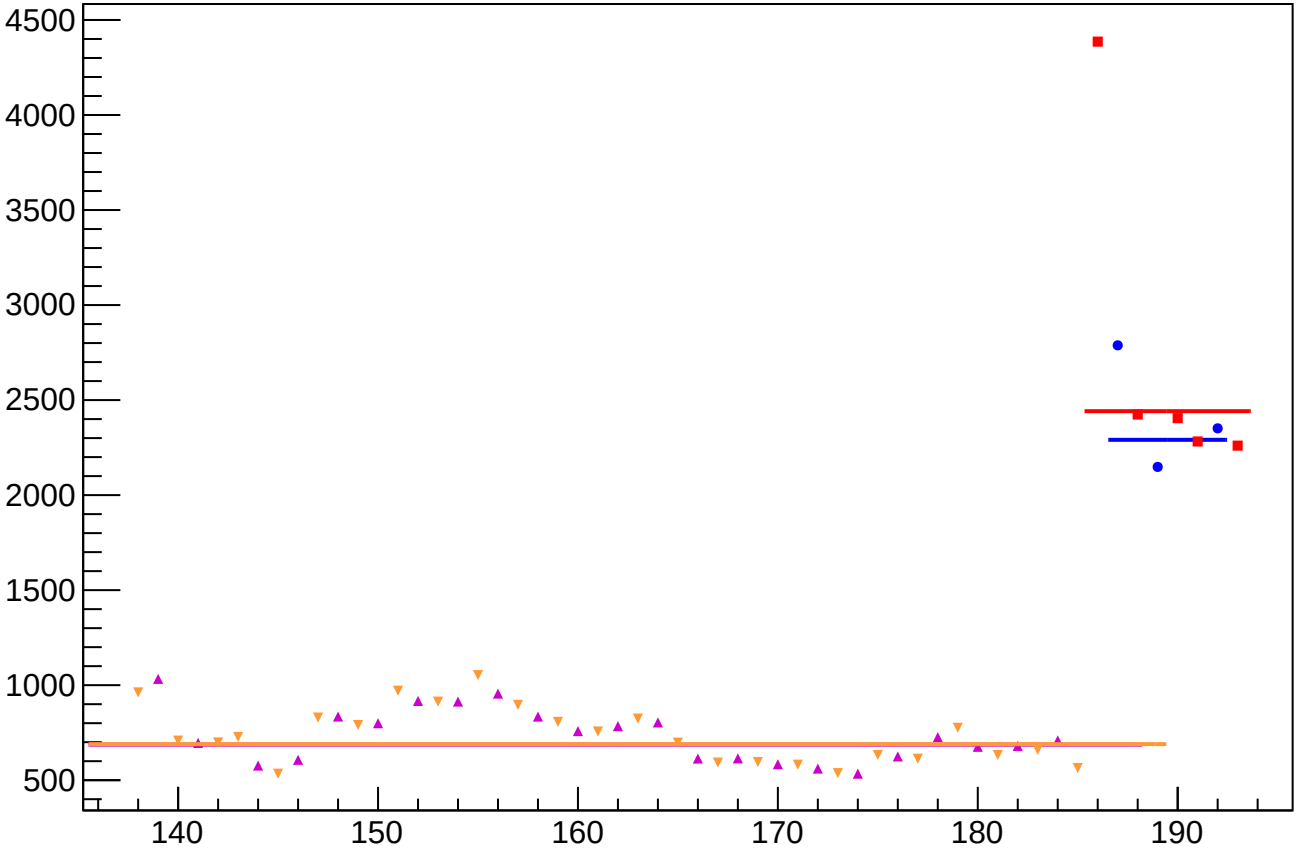
Right: -1384.133+/-1278.313 χ^2/NDF: 6.9/7

In: -42.870+/-166.271 χ^2/NDF:24.3/25

Out: 842.712+/-163.359 χ^2/NDF:73.7/29

All: 407.744+/-116.528 χ^2/NDF: 112.4/55

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2290.945+/-1.589 χ^2/NDF: 14247.9/2

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2441.674+/-1.099 χ^2/NDF: 158601.5/4

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

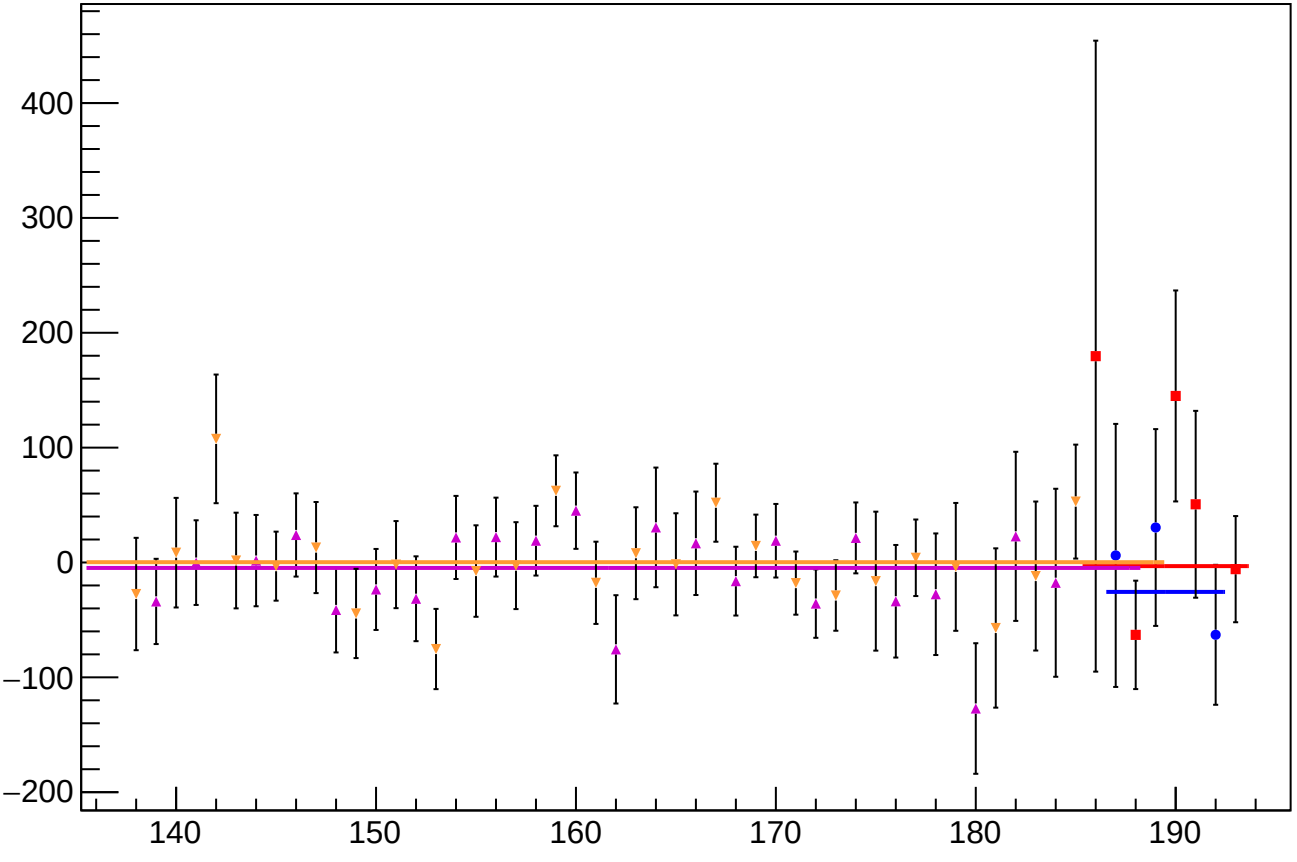
Right: 2392.915+/-0.904 χ^2/NDF: 178934.7/7

In: 695.722+/-0.118 χ^2/NDF:2143353.8/25

Out: 709.122+/-0.116 χ^2/NDF:3930427.9/29

All: 702.540+/-0.082 χ^2/NDF: 6080391.0/55

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -25.615+/-45.556 χ^2/NDF: 0.9/2

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: -3.163+/-28.869 χ^2/NDF: 5.1/4

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

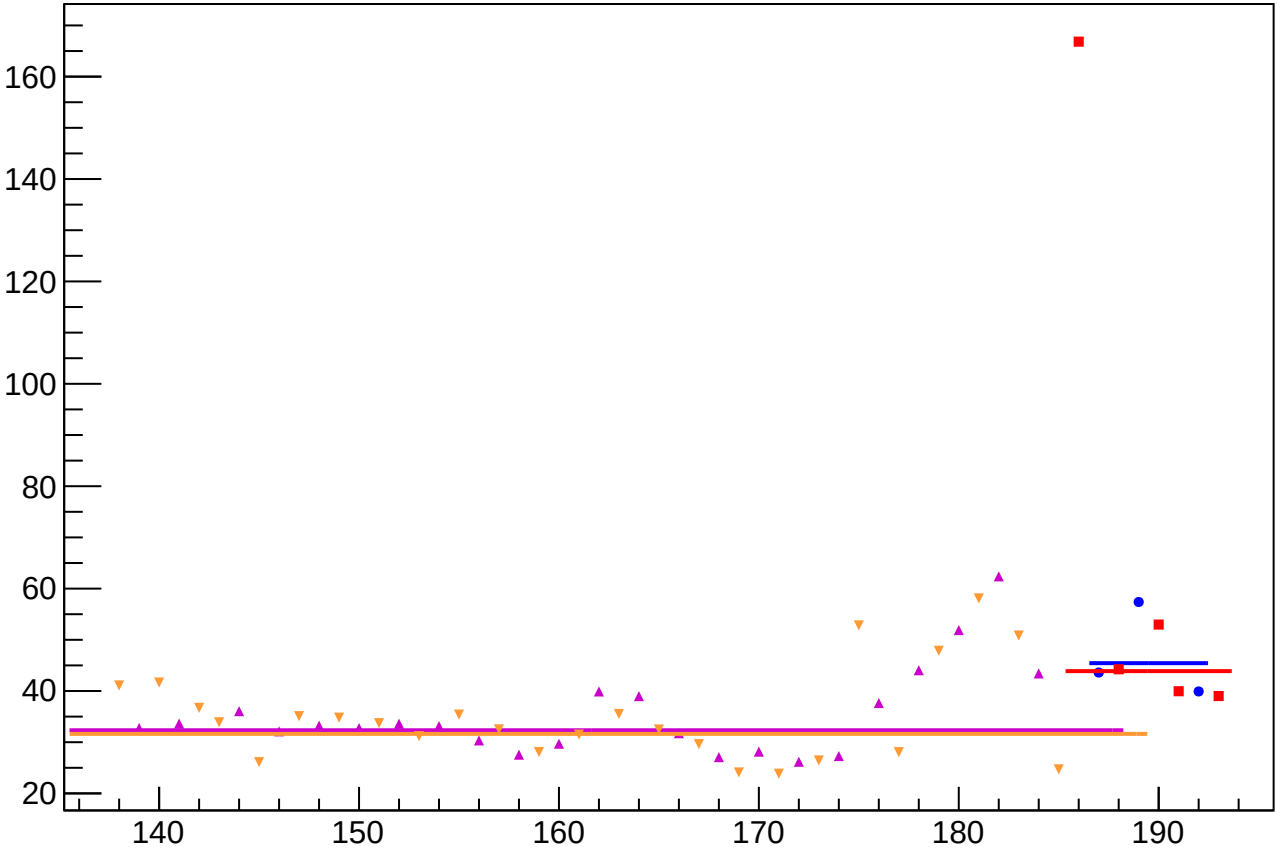
Right: -9.596+/-24.385 χ^2/NDF: 6.1/7

In: -5.366+/-7.856 χ^2/NDF:19.0/25

Out: 0.028+/-7.431 χ^2/NDF:25.5/29

All: -2.519+/-5.399 χ^2/NDF: 44.7/55

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 45.439+/-0.032 χ^2/NDF: 55832.5/2

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 43.882+/-0.020 χ^2/NDF: 447224.5/4

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

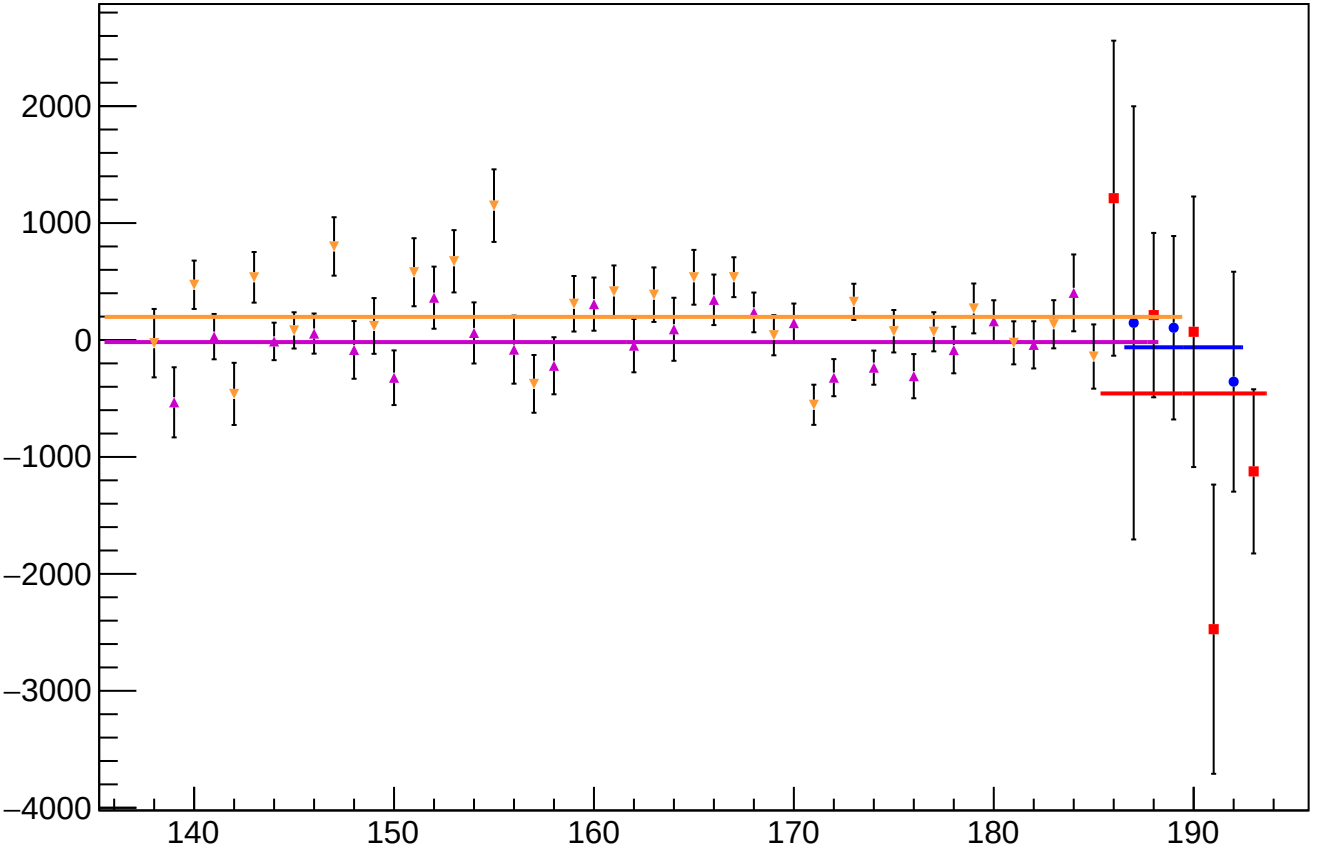
Right: 44.328+/-0.017 χ^2/NDF: 504723.9/7

In: 32.721+/-0.006 χ^2/NDF:1357990.8/25

Out: 32.437+/-0.005 χ^2/NDF:2457333.7/29

All: 32.571+/-0.004 χ^2/NDF: 3816708.3/55

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -62.350+/-572.779 χ^2/NDF: 0.2/2

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -456.943+/-408.069 χ^2/NDF: 6.2/4

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

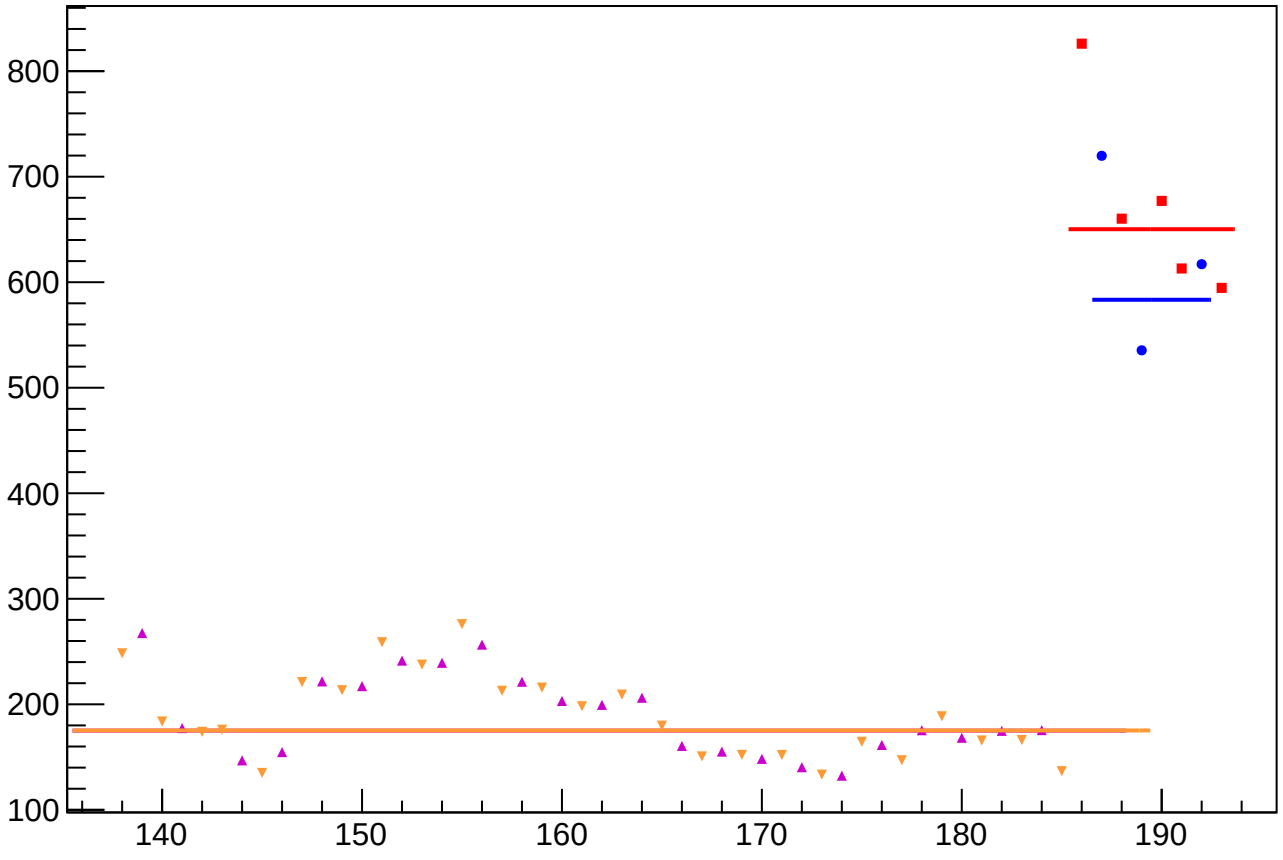
Right: -324.092+/-332.350 χ^2/NDF: 6.7/7

In: -17.987+/-42.459 χ^2/NDF:27.2/25

Out: 190.875+/-41.613 χ^2/NDF:78.6/29

All: 88.544+/-29.719 χ^2/NDF: 118.2/55

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 583.365+/-0.405 χ^2/NDF: 20884.0/2

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 650.234+/-0.289 χ^2/NDF: 49912.0/4

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

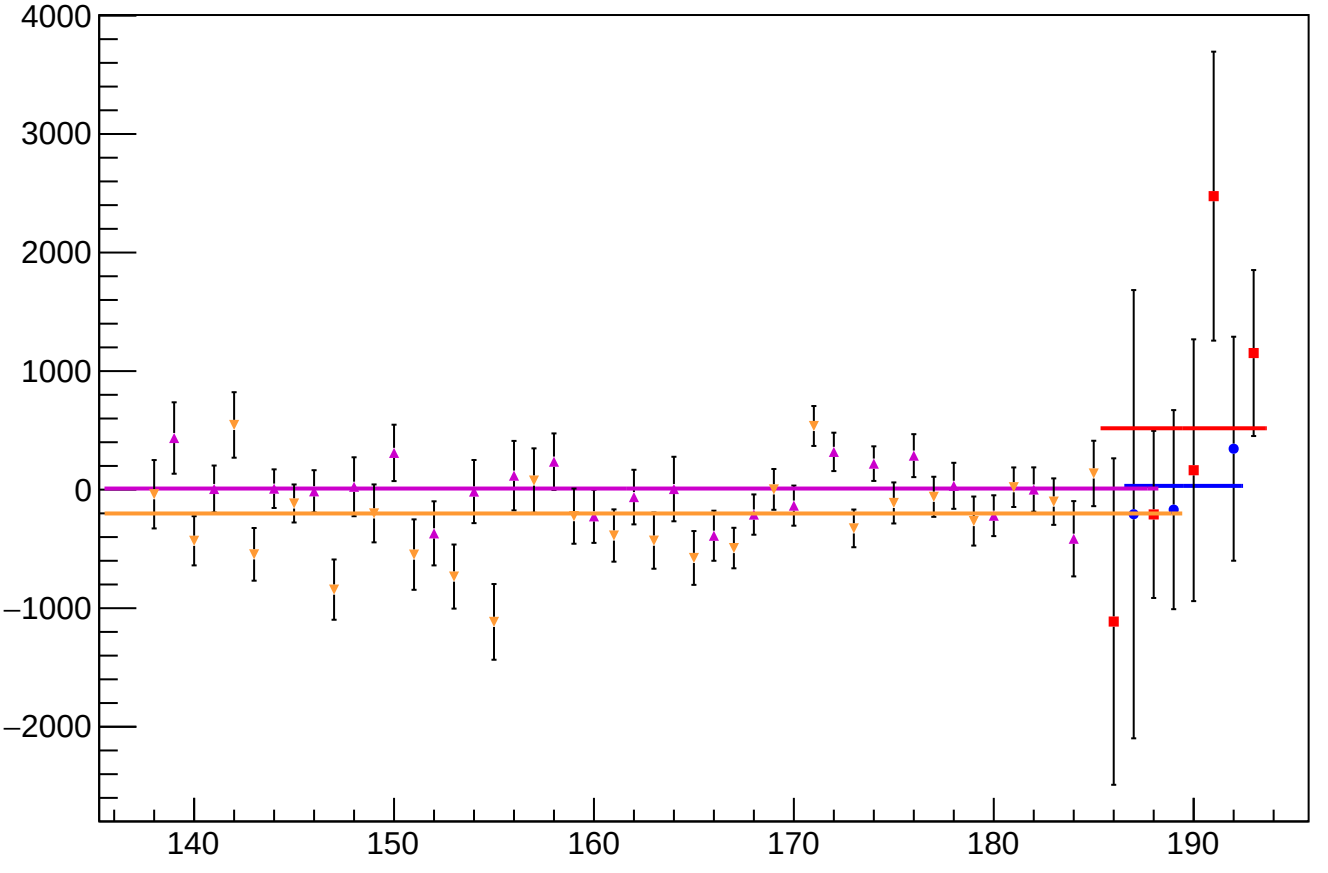
Right: 627.721+/-0.235 χ^2/NDF: 88877.2/7

In: 177.294+/-0.030 χ^2/NDF:2371408.9/25

Out: 180.147+/-0.029 χ^2/NDF:4150138.3/29

All: 178.749+/-0.021 χ^2/NDF: 6526151.6/55

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 31.797+/-595.628 χ^2/NDF: 0.2/2

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 517.755+/-405.737 χ^2/NDF: 6.0/4

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

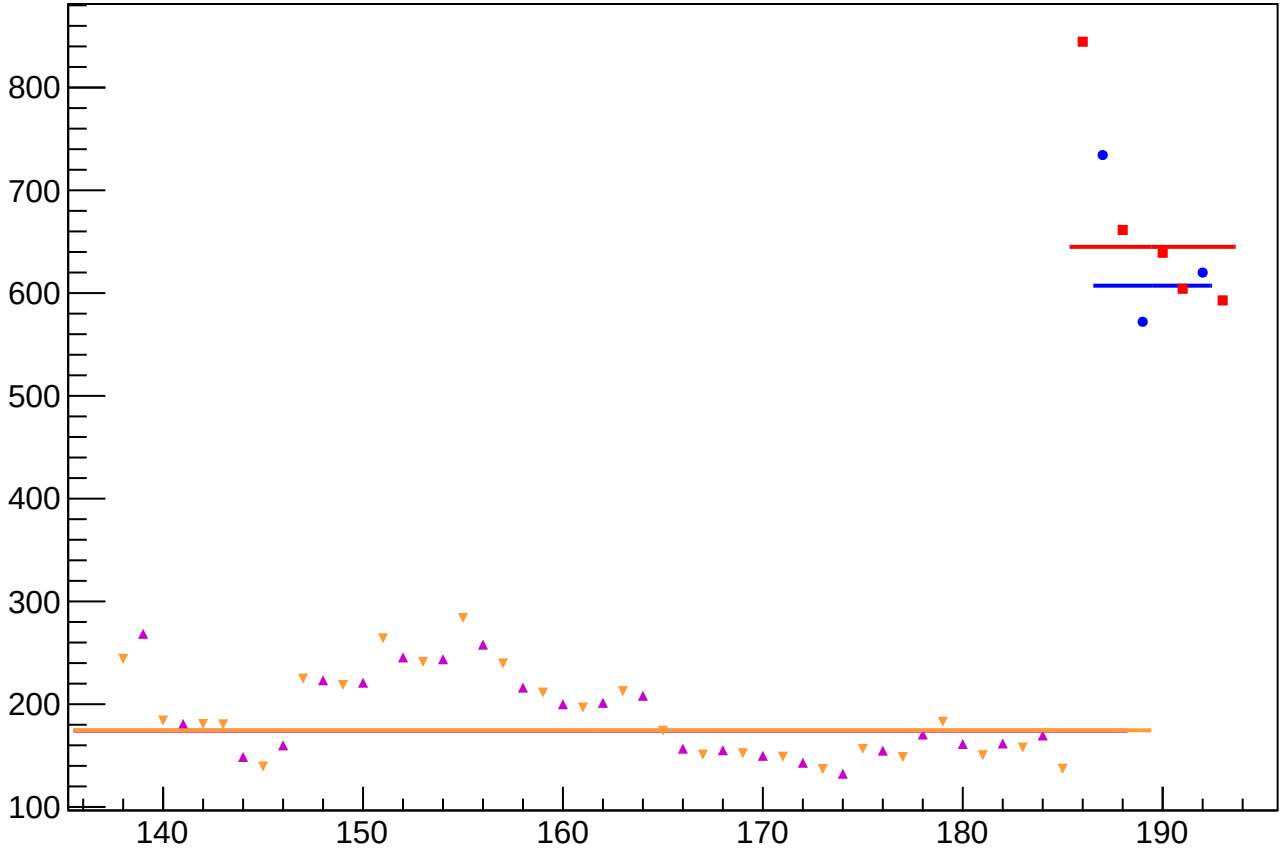
Right: 363.730+/-335.329 χ^2/NDF: 6.6/7

In: 9.497+/-42.330 χ^2/NDF:25.6/25

Out: -193.403+/-41.522 χ^2/NDF:74.6/29

All: -93.907+/-29.642 χ^2/NDF: 111.9/55

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 607.214+/-0.421 χ^2/NDF: 12906.4/2

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 644.995+/-0.287 χ^2/NDF: 56492.5/4

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

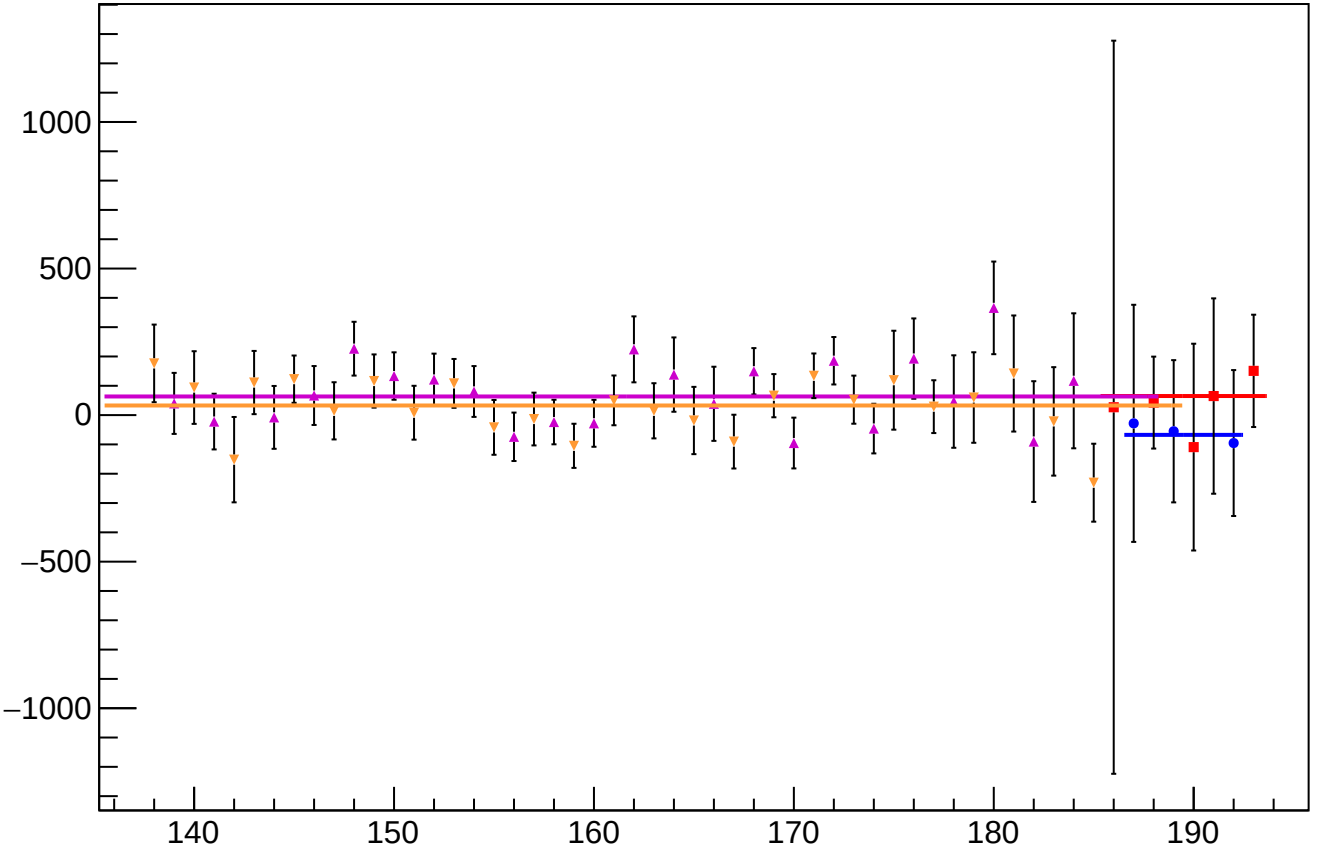
Right: 633.020+/-0.237 χ^2/NDF: 74895.3/7

In: 176.404+/-0.030 χ^2/NDF:2429107.2/25

Out: 179.494+/-0.029 χ^2/NDF:4249840.8/29

All: 177.978+/-0.021 χ^2/NDF: 6684378.5/55

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -67.458+/-159.646 χ^2/NDF: 0.0/2

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 65.072+/-108.096 χ^2/NDF: 0.5/4

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

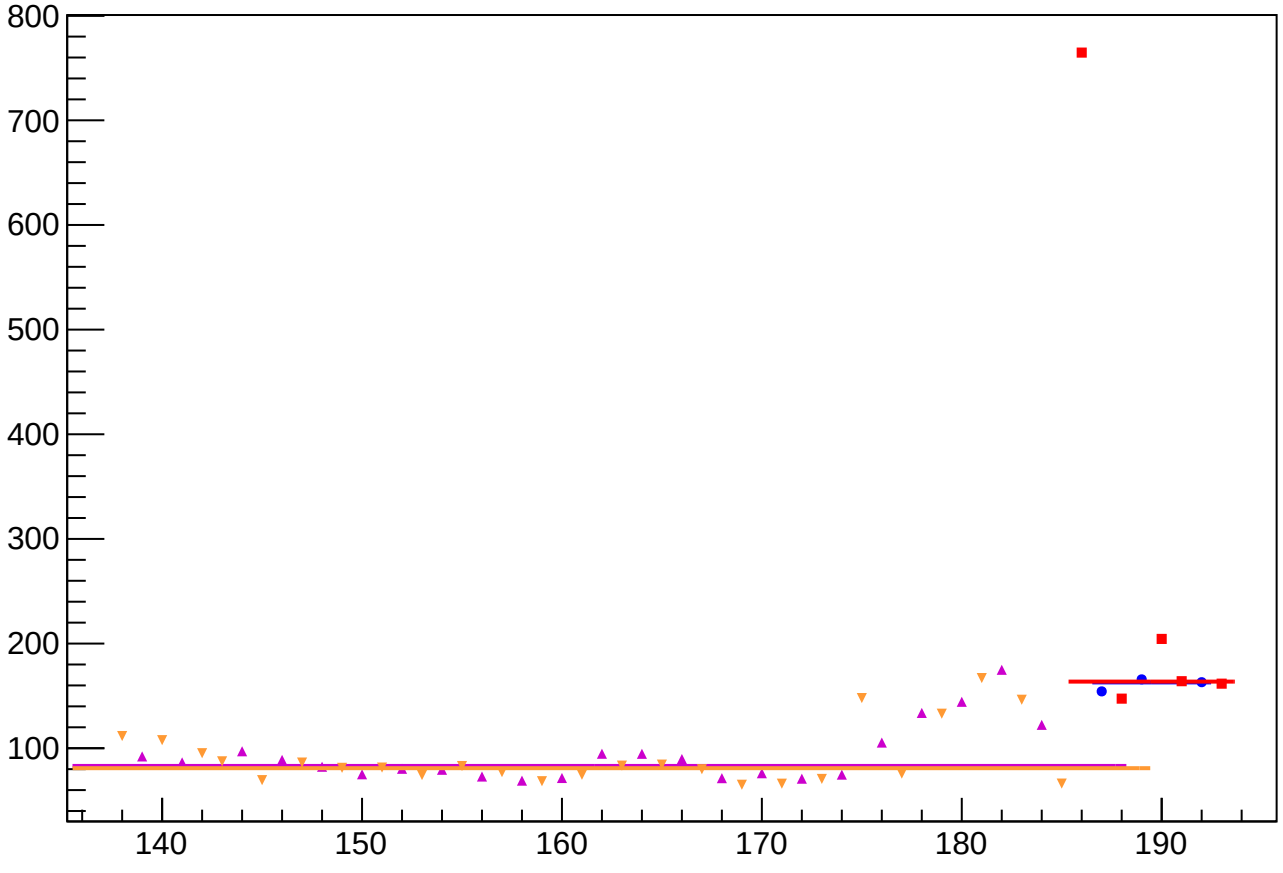
Right: 23.412+/-89.508 χ^2/NDF: 1.0/7

In: 61.426+/-20.405 χ^2/NDF:27.8/25

Out: 33.831+/-19.386 χ^2/NDF:20.1/29

All: 46.922+/-14.054 χ^2/NDF: 48.9/55

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 162.897+/-0.113 χ^2/NDF: 1188.6/2

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 163.659+/-0.076 χ^2/NDF: 510487.8/4

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

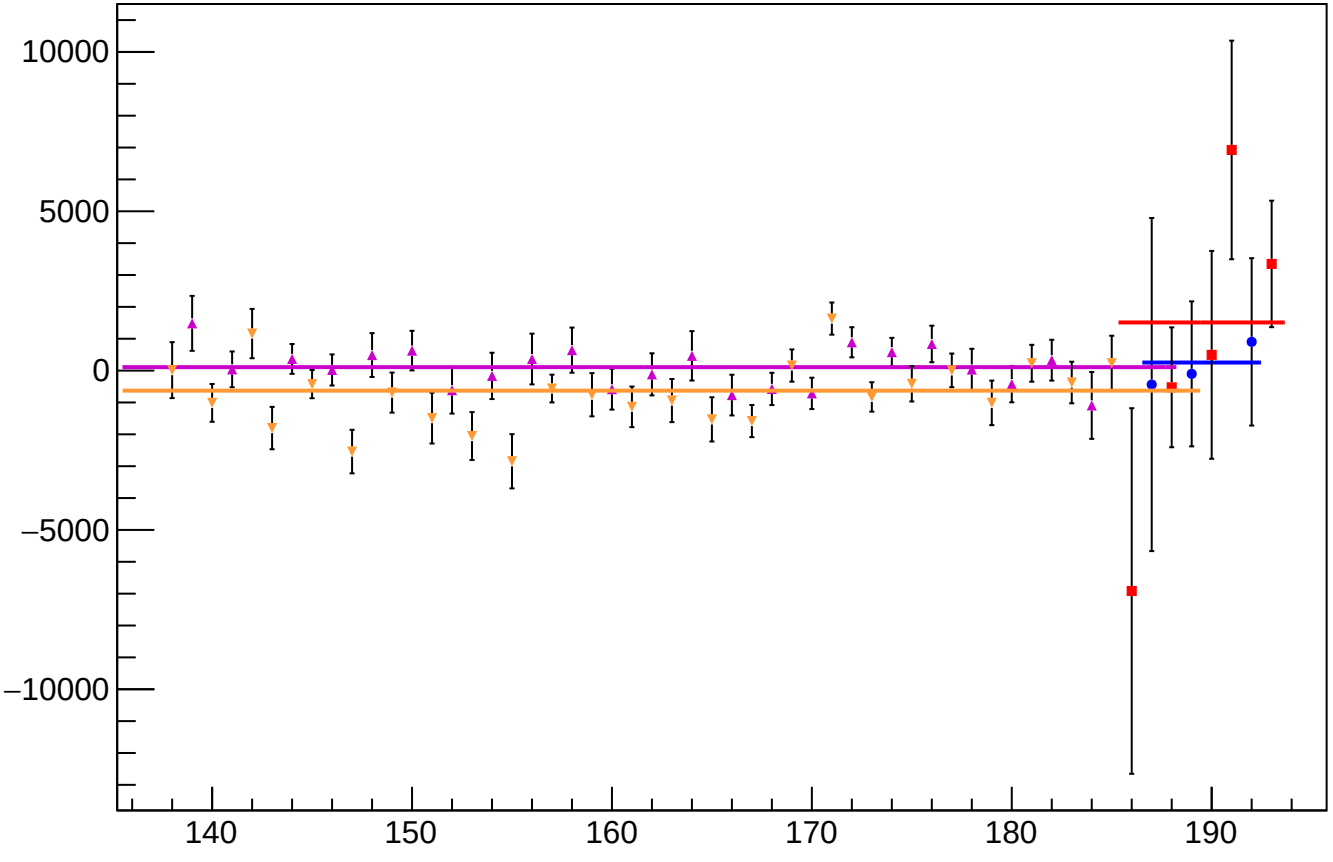
Right: 163.419+/-0.063 χ^2/NDF: 511707.6/7

In: 84.375+/-0.014 χ^2/NDF:1898191.4/25

Out: 83.587+/-0.014 χ^2/NDF:3405257.8/29

All: 83.961+/-0.010 χ^2/NDF: 5305014.1/55

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 253.227+/-1633.547 χ^2/NDF: 0.1/2

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 1510.848+/-1157.793 χ^2/NDF: 6.8/4

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

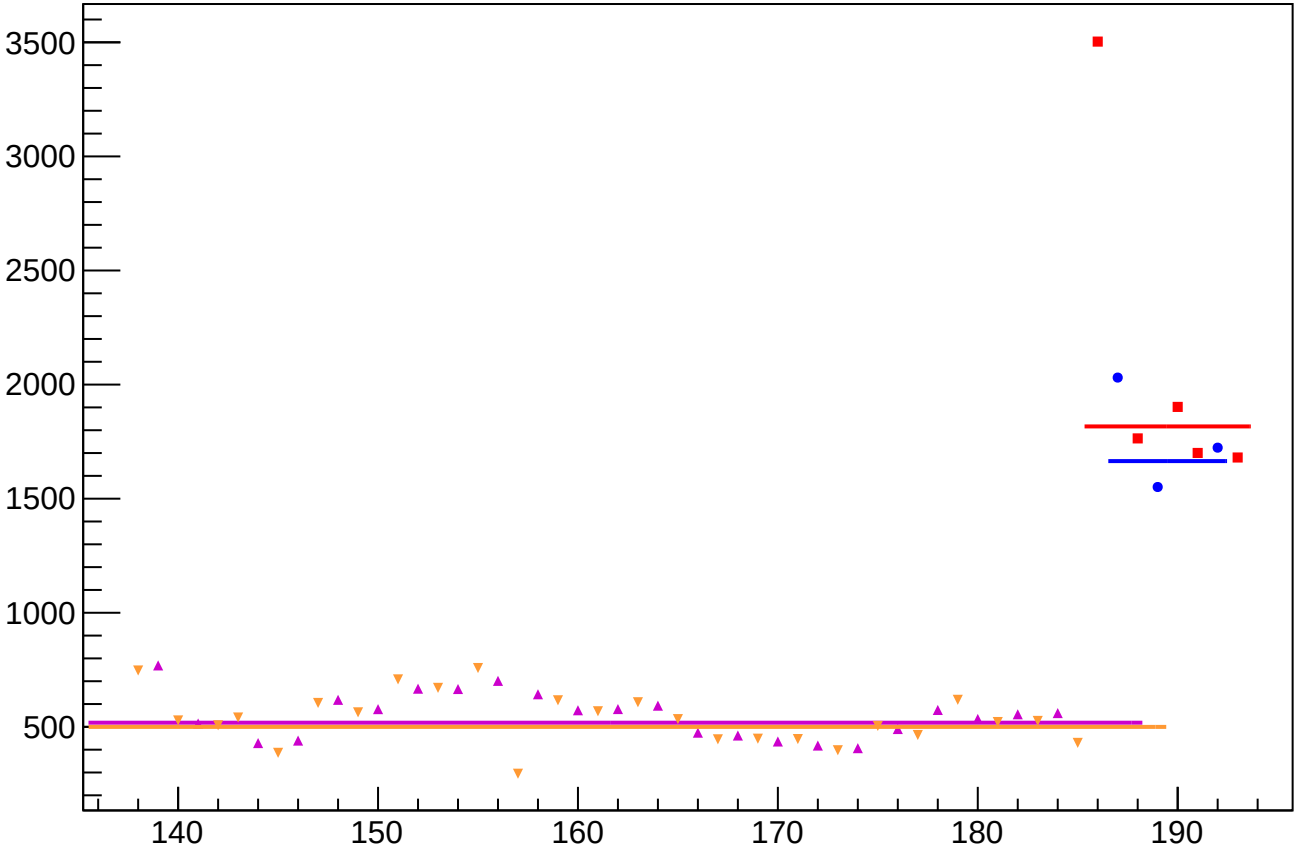
Right: 1090.335+/-944.597 χ^2/NDF: 7.3/7

In: 109.669+/-125.158 χ^2/NDF:21.5/25

Out: -606.034+/-119.959 χ^2/NDF:73.3/29

All: -263.357+/-86.603 χ^2/NDF: 111.9/55

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 1664.713+/-1.155 χ^2/NDF: 15793.1/2

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1816.637+/-0.819 χ^2/NDF: 187528.3/4

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

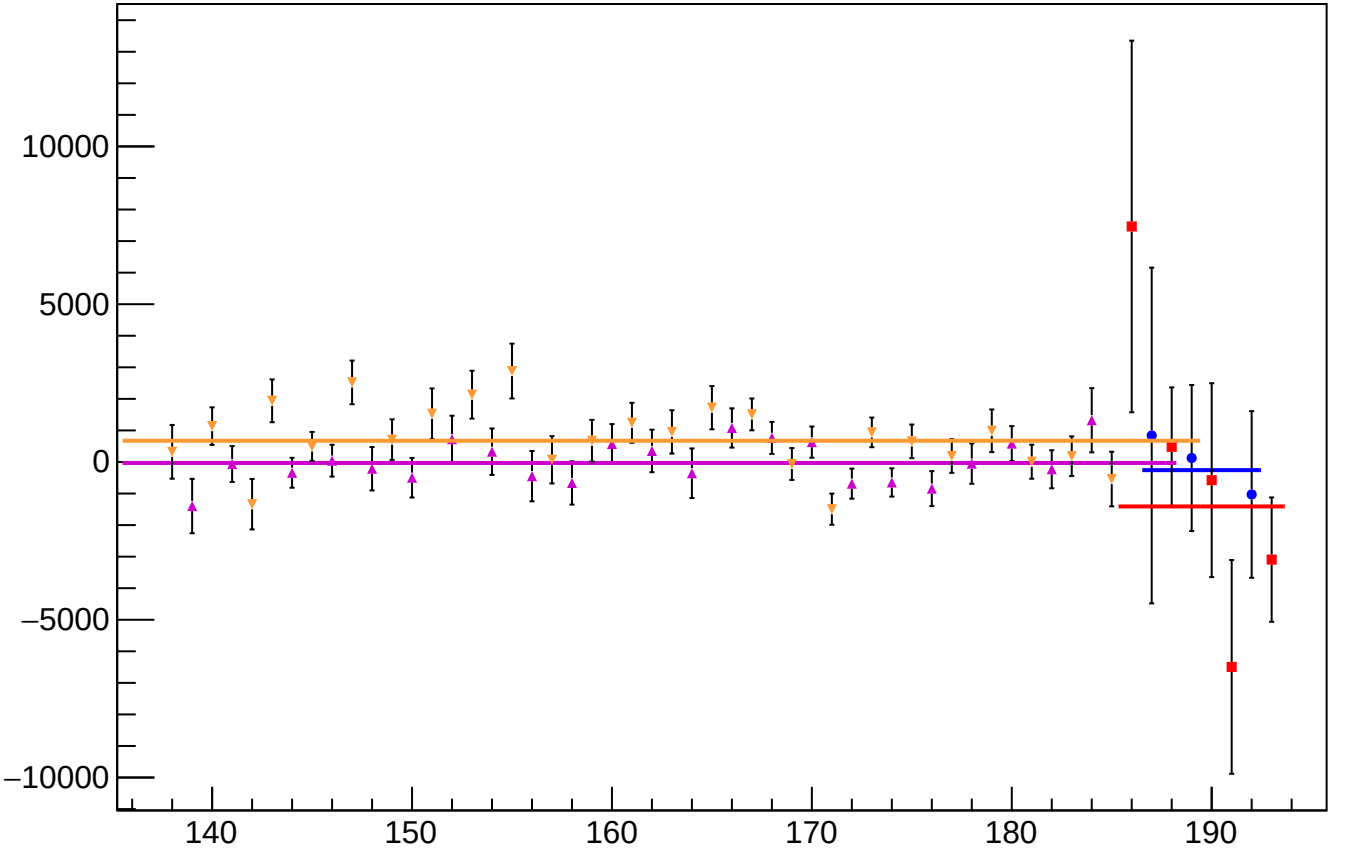
Right: 1765.838+/-0.668 χ^2/NDF: 214836.0/7

In: 524.974+/-0.089 χ^2/NDF:2067128.5/25

Out: 513.949+/-0.085 χ^2/NDF:4373449.4/29

All: 519.228+/-0.061 χ^2/NDF: 6448666.9/55

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -258.810+/-1654.328 χ^2/NDF: 0.2/2

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -1409.161+/-1145.967 χ^2/NDF: 6.3/4

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

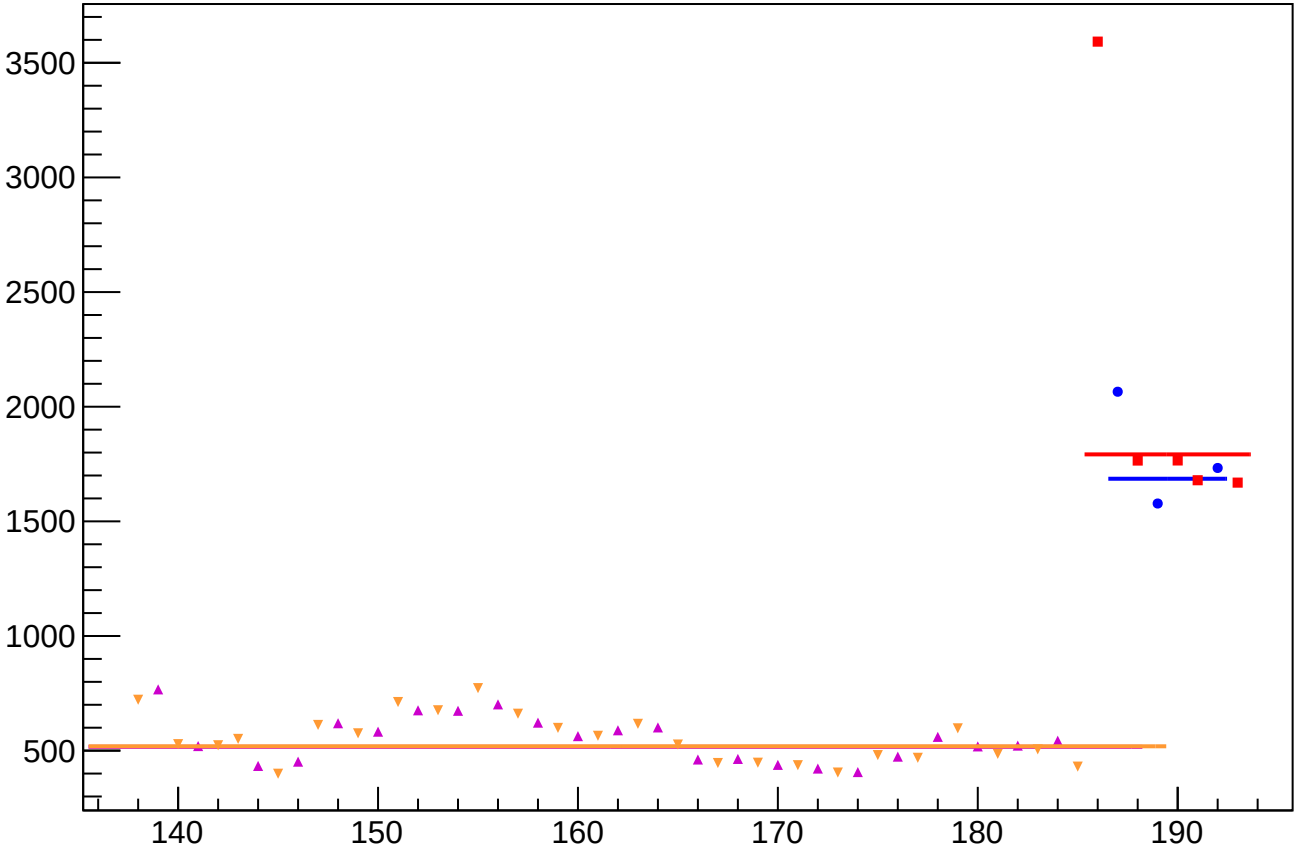
Right: -1036.156+/-942.029 χ^2/NDF: 6.8/7

In: -32.354+/-124.879 χ^2/NDF:24.0/25

Out: 648.626+/-122.718 χ^2/NDF:72.4/29

All: 314.079+/-87.529 χ^2/NDF: 111.5/55

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1685.827+/-1.170 χ^2/NDF: 15170.2/2

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1792.086+/-0.810 χ^2/NDF: 197548.2/4

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

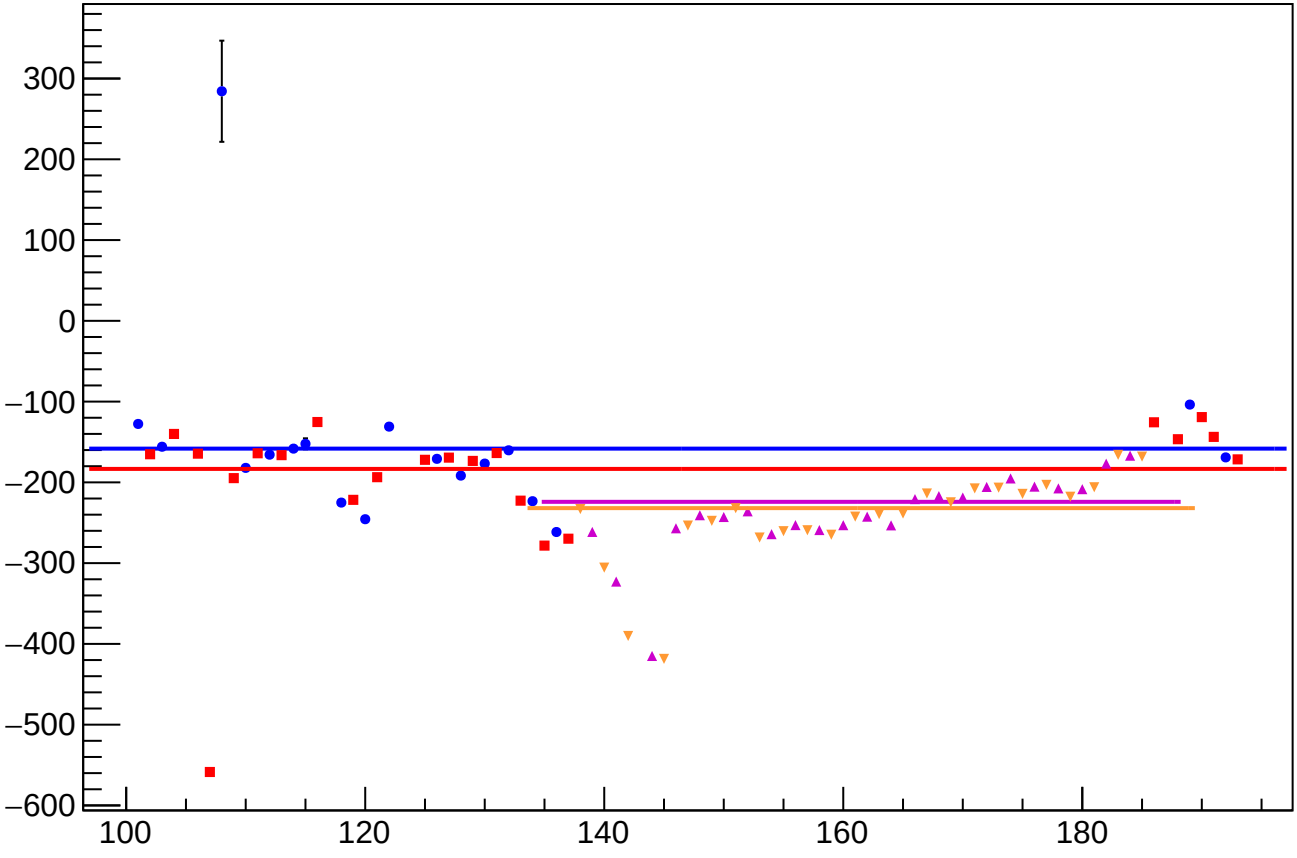
Right: 1757.631+/-0.666 χ^2/NDF: 218294.2/7

In: 523.257+/-0.088 χ^2/NDF:2044623.6/25

Out: 533.535+/-0.087 χ^2/NDF:3810423.1/29

All: 528.485+/-0.062 χ^2/NDF: 5861939.3/55

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 118351.7/17

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -183.339+/-0.117 χ^2/NDF: 162712.1/21

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

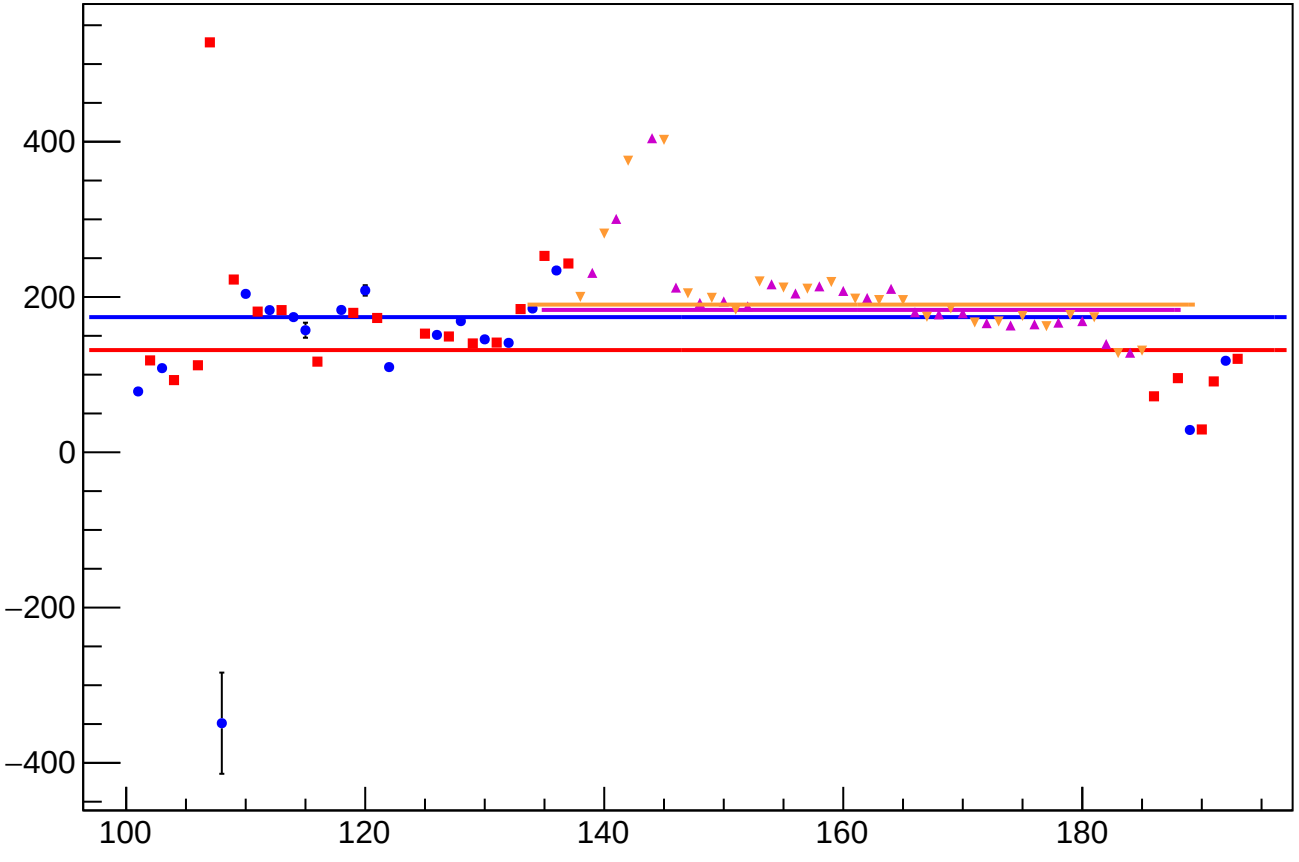
Right: -158.222+/-0.000 χ^2/NDF: 327091.3/39

In: -158.222+/-0.000 χ^2/NDF:721022.4/40

Out: -209.543+/-0.079 χ^2/NDF:366023.4/45

All: -158.222+/-0.000 χ^2/NDF: 1504399.1/86

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 58750.5/17

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 131.639+/-0.119 χ^2/NDF: 158316.7/21

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

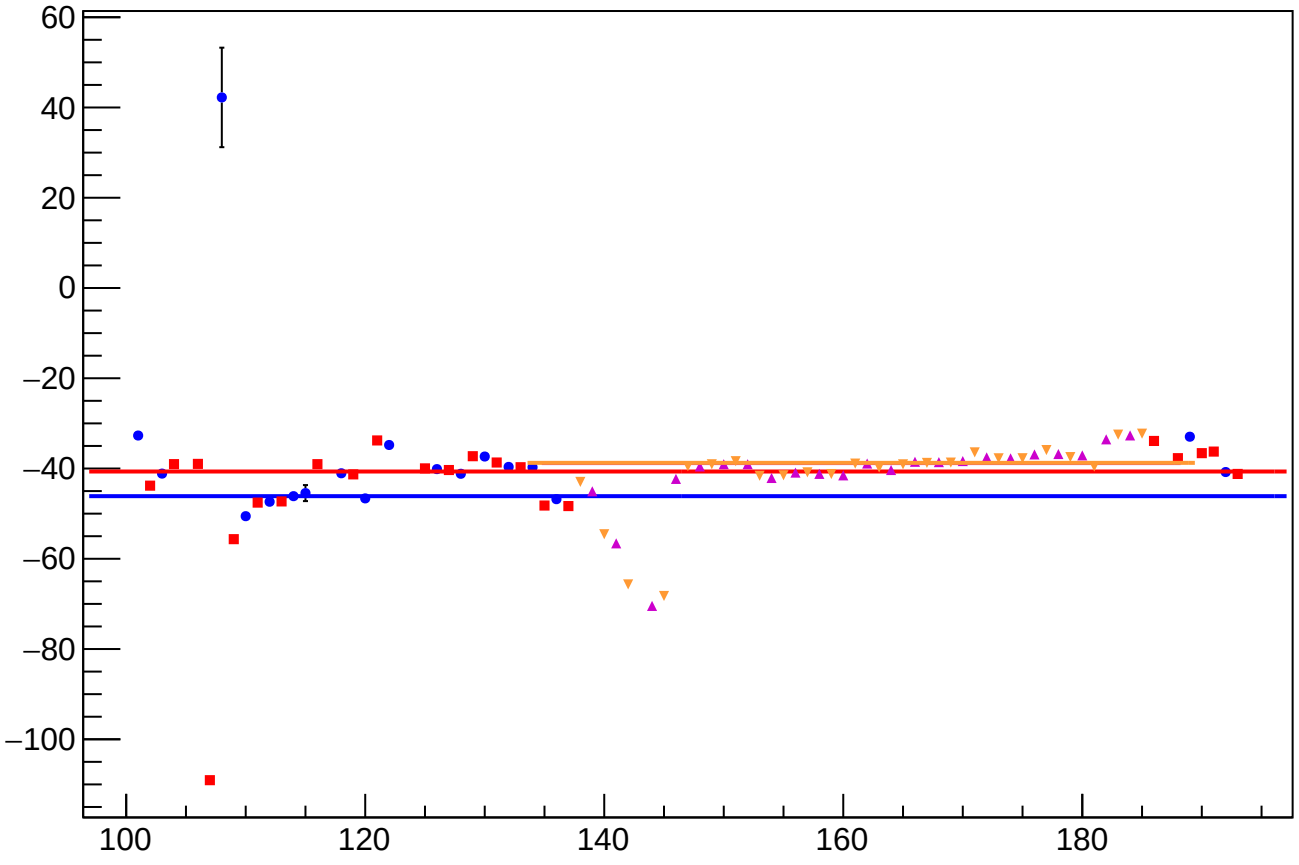
Right: 174.085+/-0.000 χ^2/NDF: 344213.9/39

In: 174.085+/-0.000 χ^2/NDF:222978.1/40

Out: 163.586+/-0.080 χ^2/NDF:389975.2/45

All: 174.085+/-0.000 χ^2/NDF: 630068.6/86

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 412381.0/17

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -40.664+/-0.014 χ^2/NDF: 300313.3/21

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

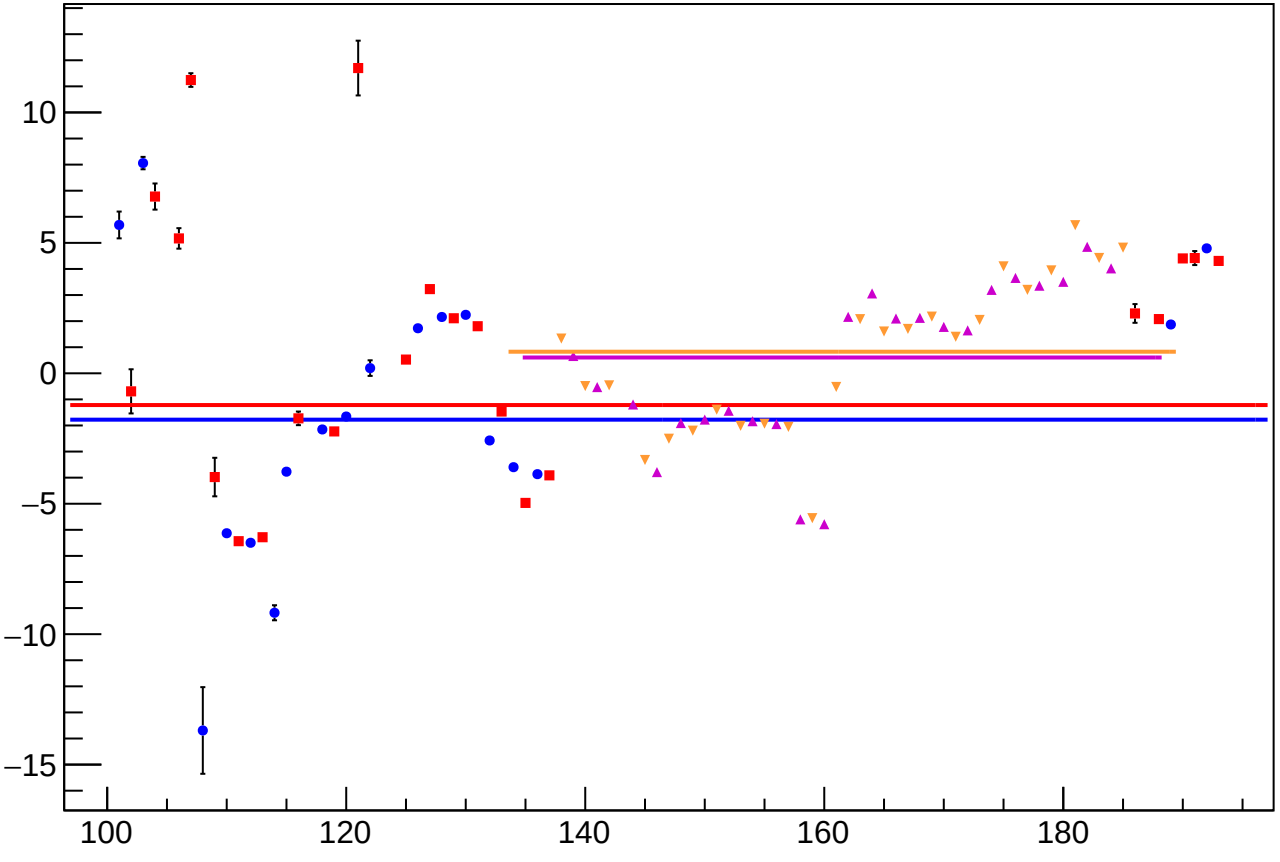
Right: -46.126+/-0.000 χ^2/NDF: 859225.7/39

In: -46.126+/-0.000 χ^2/NDF:1990109.1/40

Out: -39.023+/-0.005 χ^2/NDF:716398.6/45

All: -46.126+/-0.000 χ^2/NDF: 4414776.9/86

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -1.777+/-0.017 χ^2/NDF: 30991.9/17

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.217+/-0.020 χ^2/NDF: 35271.9/21

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

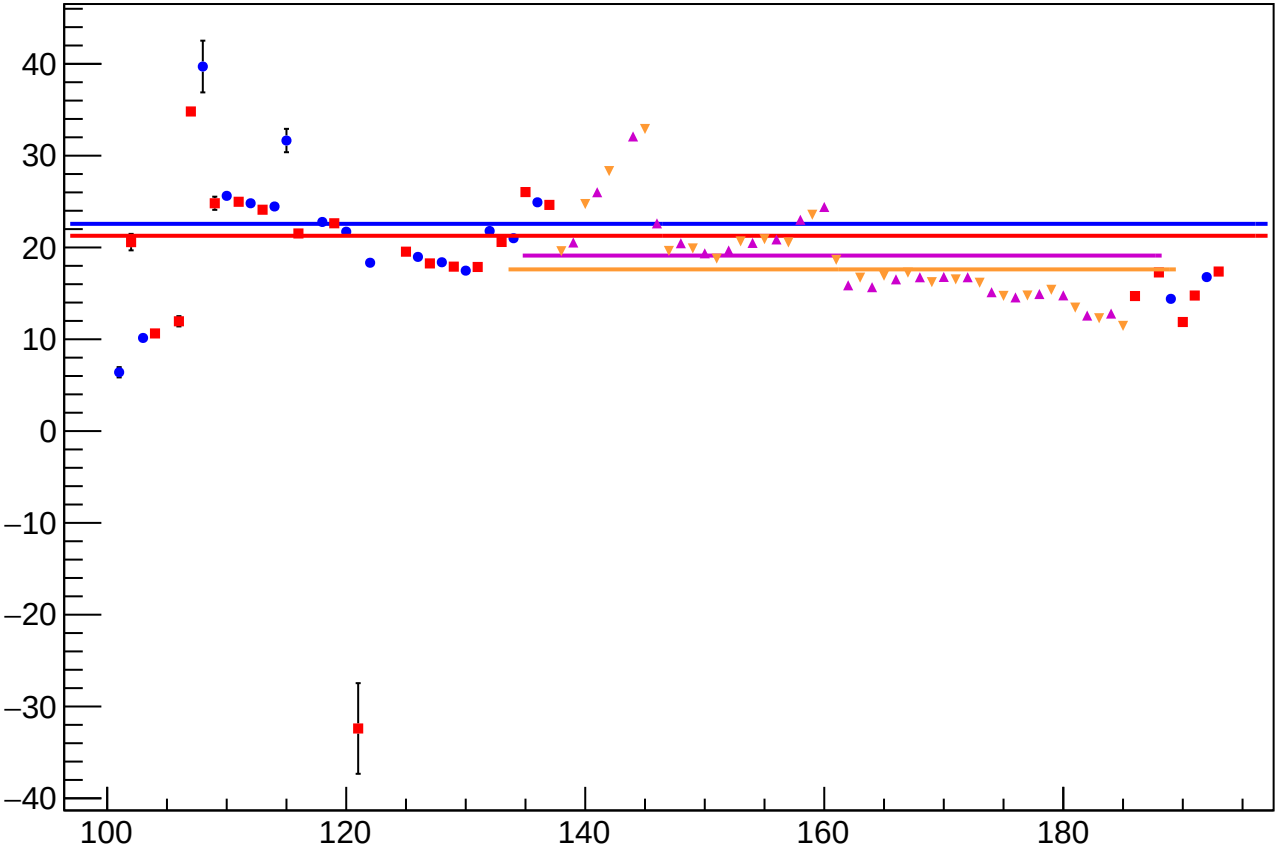
Right: -1.541+/-0.013 χ^2/NDF: 66703.6/39

In: 0.420+/-0.005 χ^2/NDF:379639.6/40

Out: 0.657+/-0.006 χ^2/NDF:299870.5/45

All: 0.516+/-0.004 χ^2/NDF: 680482.7/86

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.574+/-0.019 χ^2/NDF: 25285.6/17

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.274+/-0.020 χ^2/NDF: 28137.7/21

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

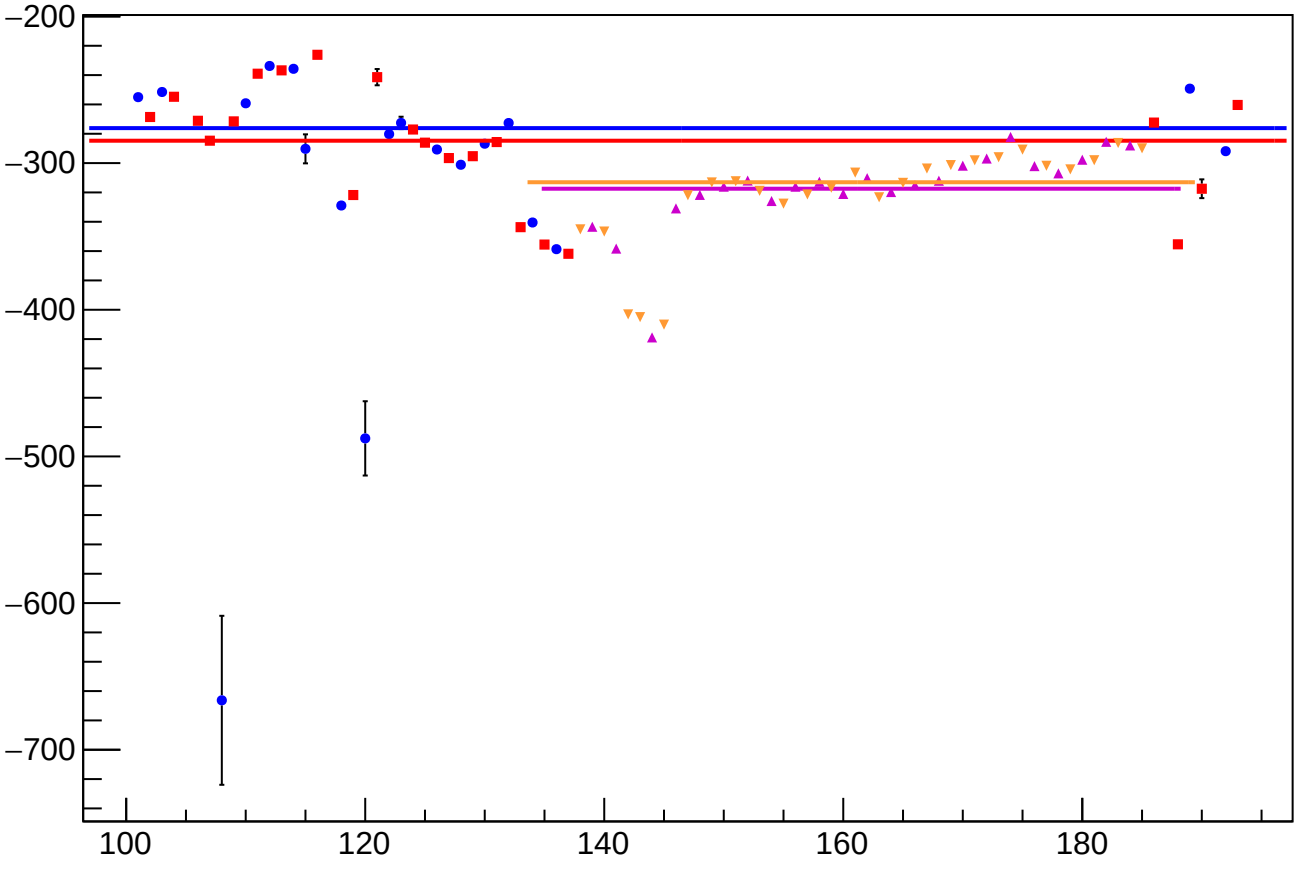
Right: 21.979+/-0.014 χ^2/NDF: 55669.8/39

In: 19.558+/-0.007 χ^2/NDF:284929.7/40

Out: 18.018+/-0.007 χ^2/NDF:235811.5/45

All: 18.799+/-0.005 χ^2/NDF: 547373.0/86

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.150+/-0.166 χ^2/NDF: 58267.9/18

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -284.738+/-0.130 χ^2/NDF: 60226.2/21

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

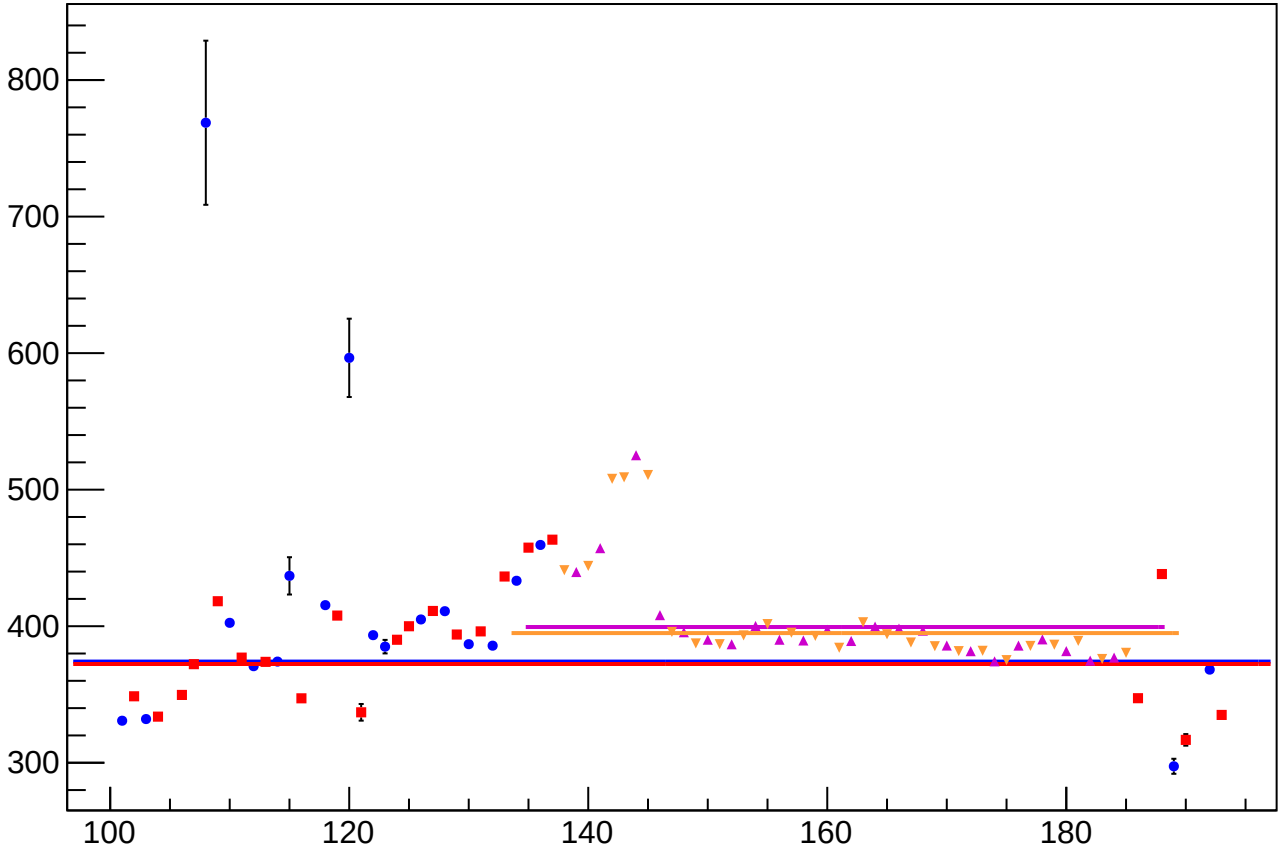
Right: -281.463+/-0.102 χ^2/NDF: 120153.7/40

In: -307.224+/-0.083 χ^2/NDF:168040.5/41

Out: -303.103+/-0.077 χ^2/NDF:145305.6/46

All: -305.025+/-0.056 χ^2/NDF: 314675.8/88

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35271.4/18

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 372.322+/-0.133 χ^2/NDF: 77421.5/21

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

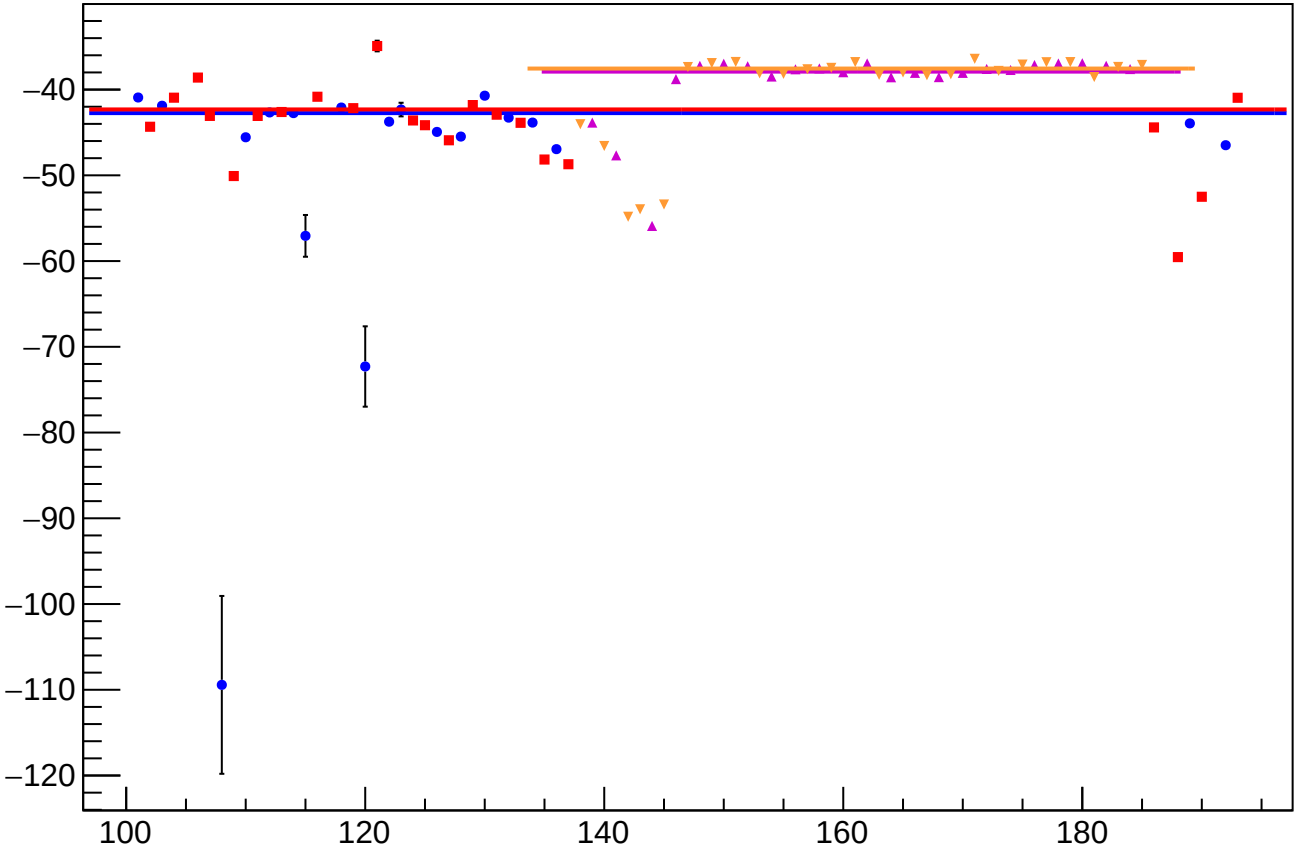
Right: 374.094+/-0.000 χ^2/NDF: 112871.5/40

In: 374.094+/-0.000 χ^2/NDF:180785.4/41

Out: 387.174+/-0.078 χ^2/NDF:164644.2/46

All: 374.094+/-0.000 χ^2/NDF: 373732.5/88

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13701.8/18

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.315+/-0.015 χ^2/NDF: 22624.2/21

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

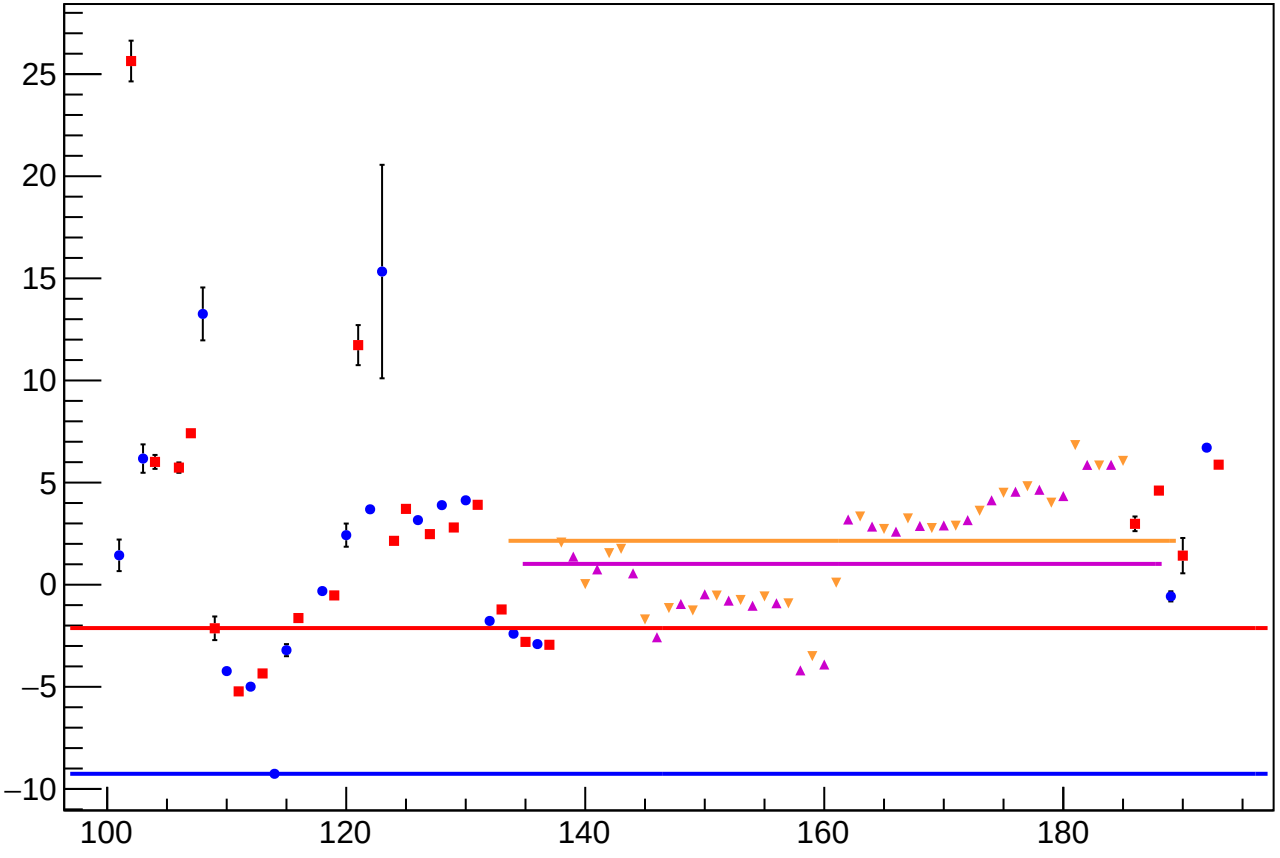
Right: -42.744+/-0.000 χ^2/NDF: 37117.6/40

In: -42.744+/-0.000 χ^2/NDF:1532556.1/41

Out: -37.830+/-0.004 χ^2/NDF:381505.6/46

All: -42.744+/-0.000 χ^2/NDF: 3658651.5/88

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 417665.4/18

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.123+/-0.008 χ^2/NDF: 67318.2/21

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

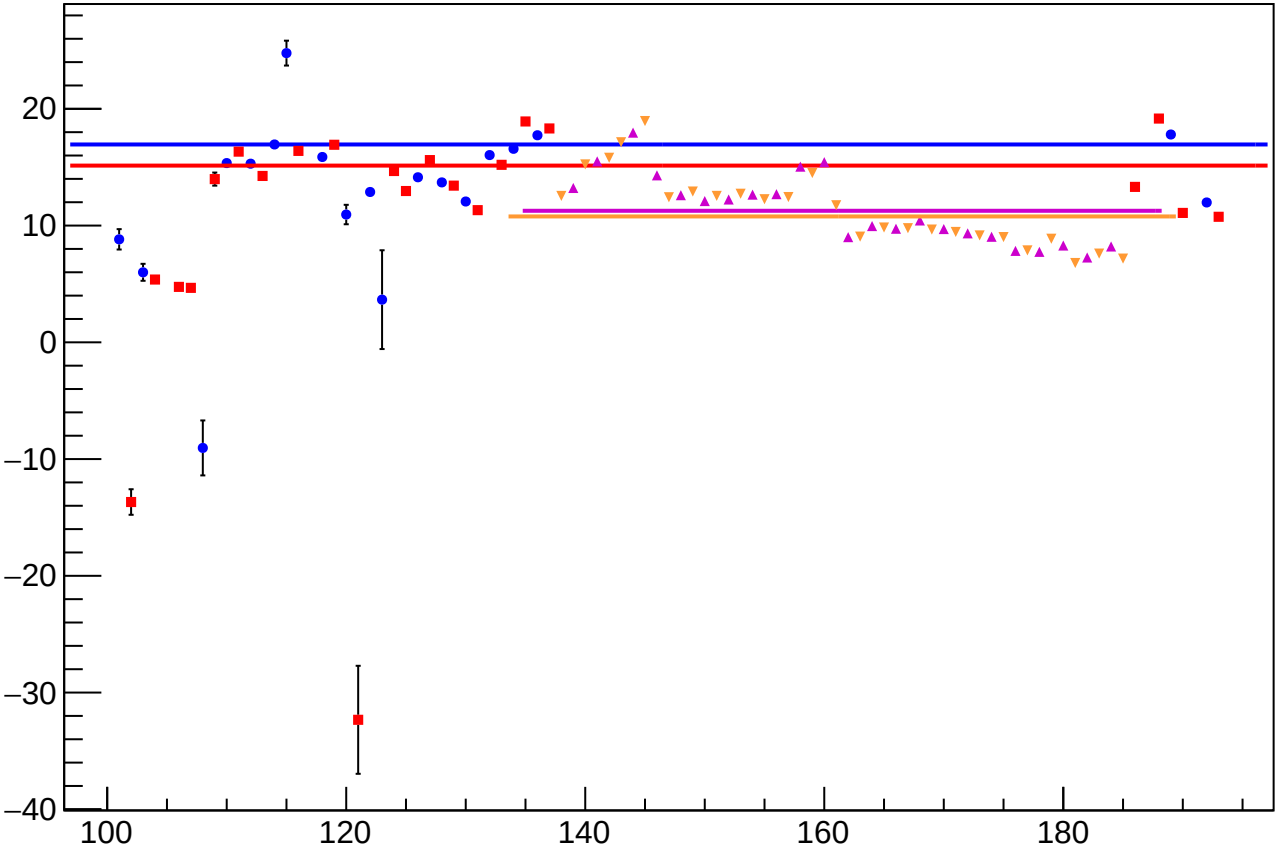
Right: -9.259+/-0.000 χ^2/NDF: 1362763.5/40

In: -9.259+/-0.000 χ^2/NDF:3915735.3/41

Out: 0.902+/-0.004 χ^2/NDF:580889.9/46

All: -9.259+/-0.000 χ^2/NDF: 10594430.9/88

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 11810.9/18

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.138+/-0.016 χ^2/NDF: 31289.4/21

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

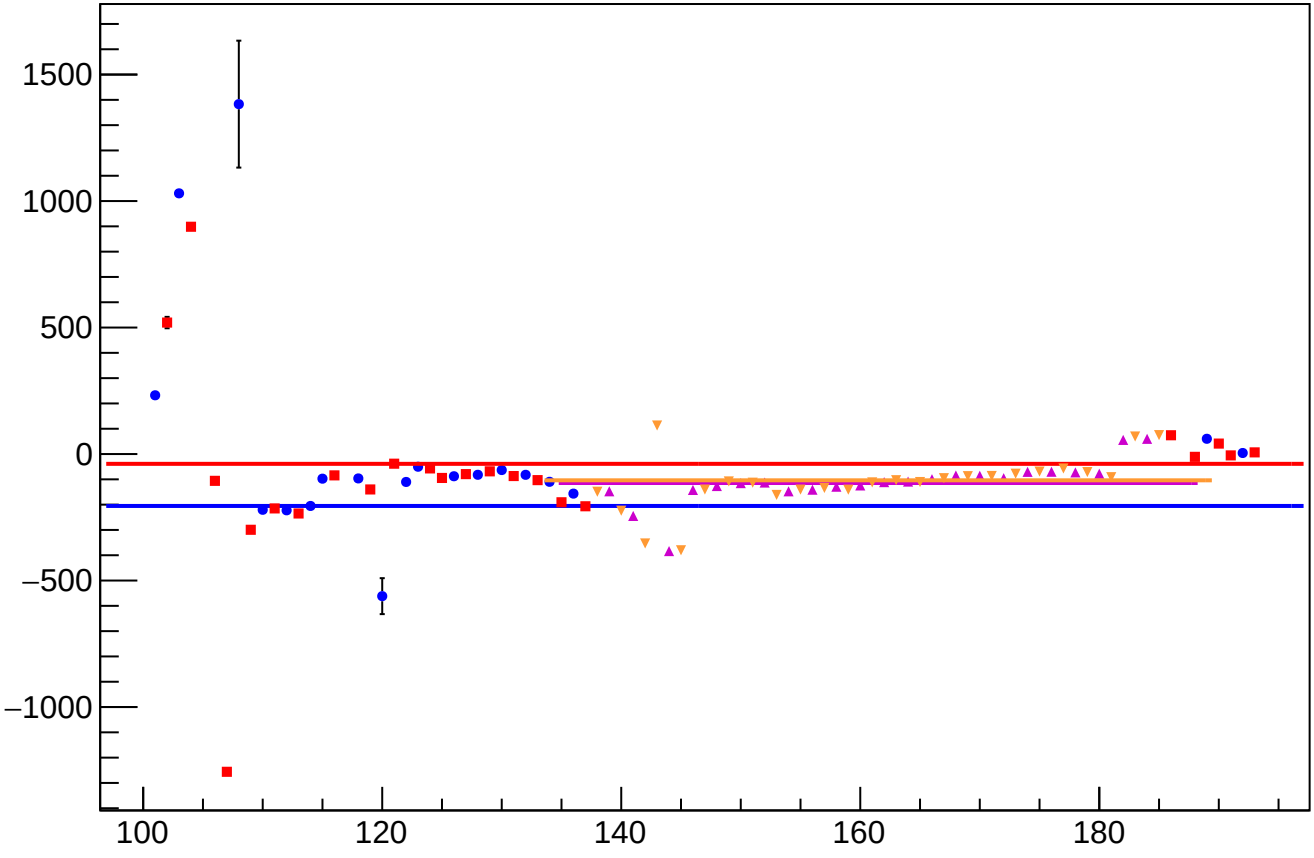
Right: 16.947+/-0.000 χ^2/NDF: 56652.5/40

In: 16.947+/-0.000 χ^2/NDF:634912.1/41

Out: 11.459+/-0.006 χ^2/NDF:227056.2/46

All: 16.947+/-0.000 χ^2/NDF: 1664110.0/88

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 1387276.1/18

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -38.711+/-0.268 χ^2/NDF: 151191.3/22

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

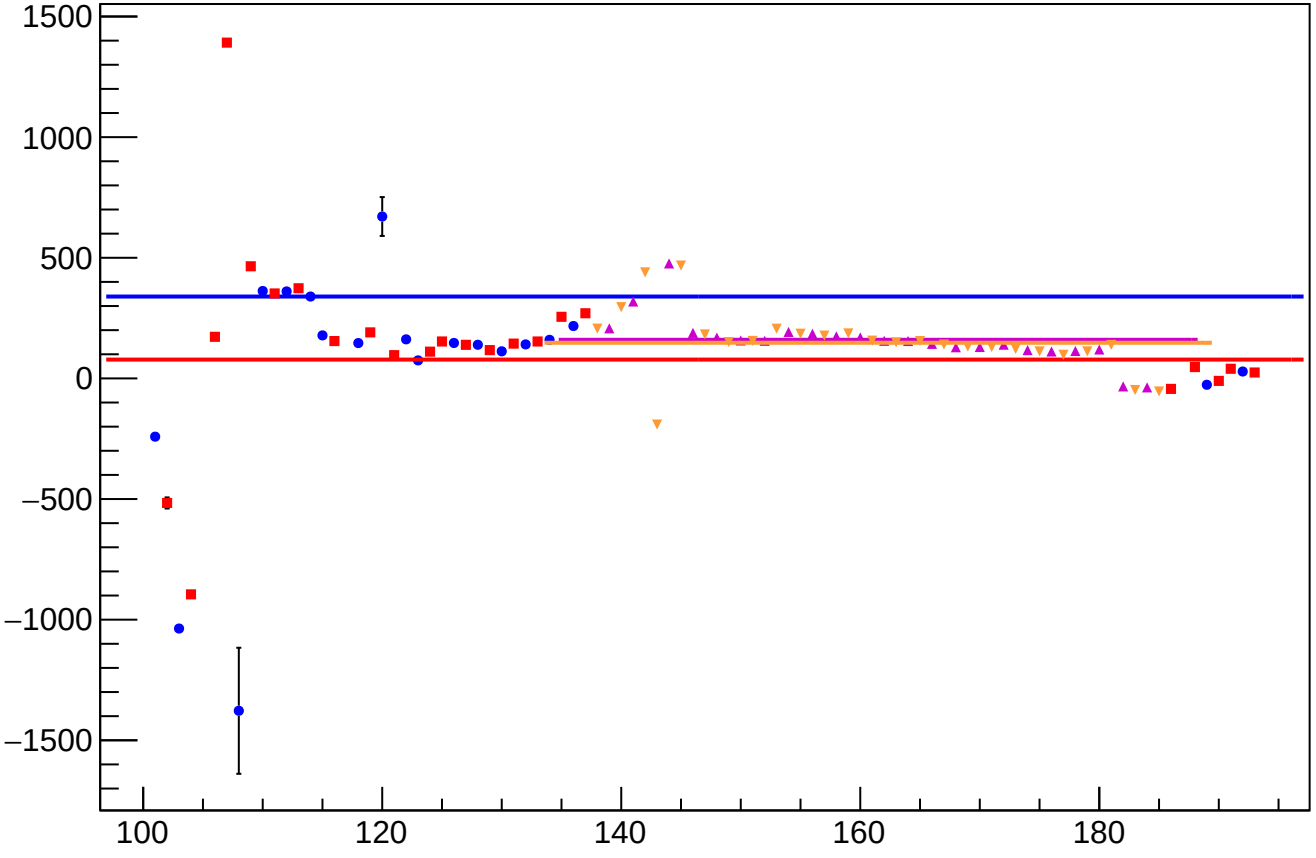
Right: -205.160+/-0.000 χ^2/NDF: 1924066.0/41

In: -205.160+/-0.000 χ^2/NDF:1626995.4/41

Out: -81.804+/-0.156 χ^2/NDF:285006.1/47

All: -205.160+/-0.000 χ^2/NDF: 2537907.2/89

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1344008.1/18

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 78.009+/-0.258 χ^2/NDF: 235262.6/22

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

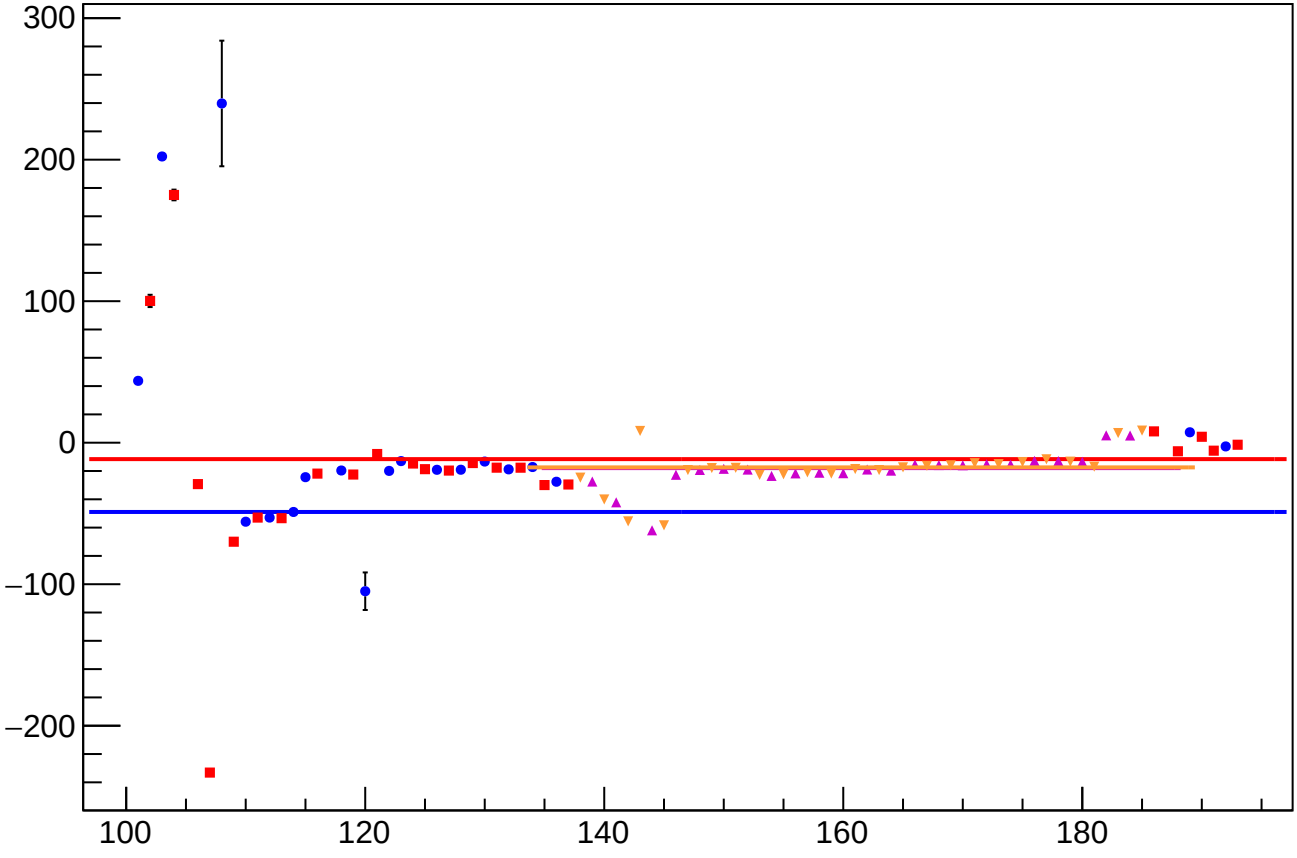
Right: 339.325+/-0.000 χ^2/NDF: 2607118.6/41

In: 339.325+/-0.000 χ^2/NDF:2036926.2/41

Out: 122.185+/-0.156 χ^2/NDF:415932.2/47

All: 339.325+/-0.000 χ^2/NDF: 4387943.0/89

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 6518202.5/18

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -11.603+/-0.034 χ^2/NDF: 334756.9/22

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

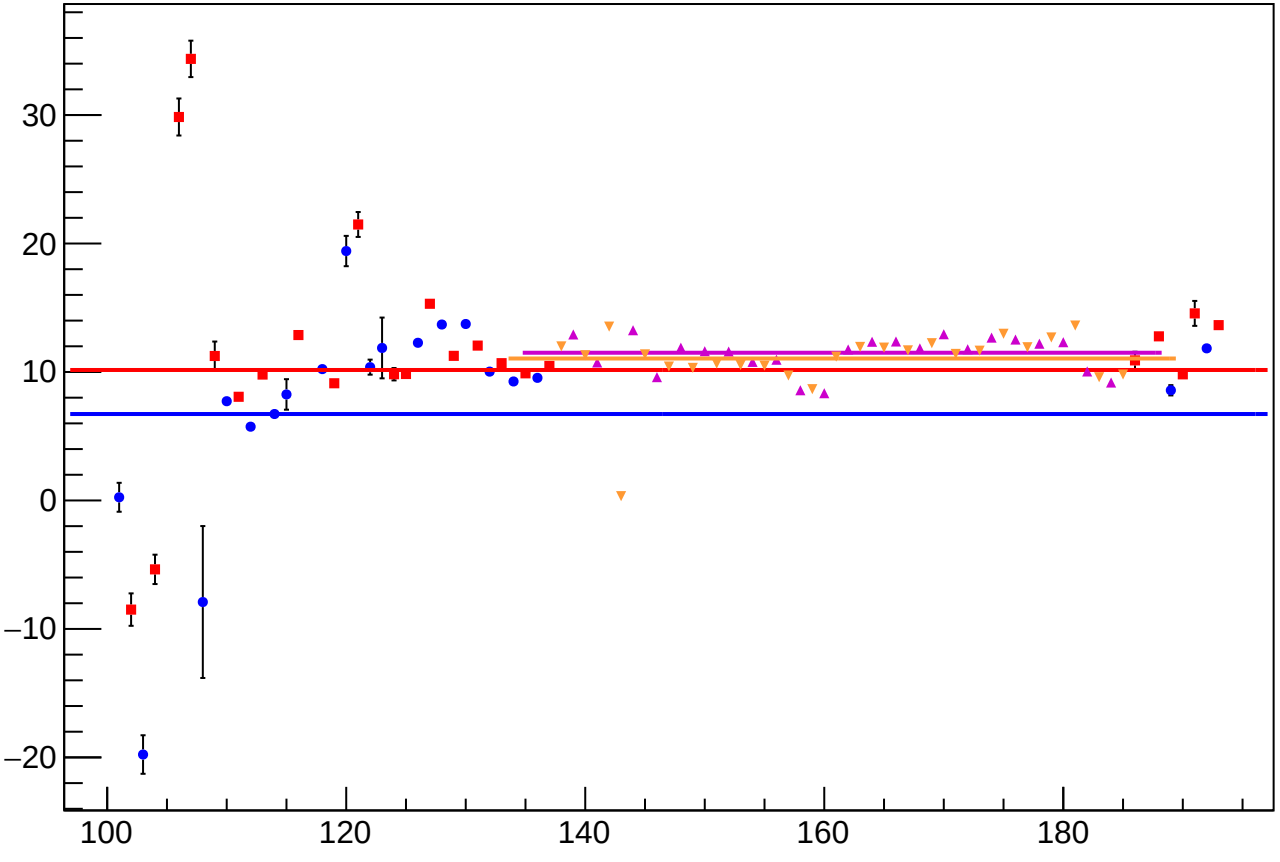
Right: -48.945+/-0.000 χ^2/NDF: 8067770.2/41

In: -48.945+/-0.000 χ^2/NDF:13156936.5/41

Out: -16.977+/-0.010 χ^2/NDF:1076154.3/47

All: -48.945+/-0.000 χ^2/NDF: 25323987.6/89

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 14560.5/18

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.156+/-0.035 χ^2/NDF: 6075.8/22

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

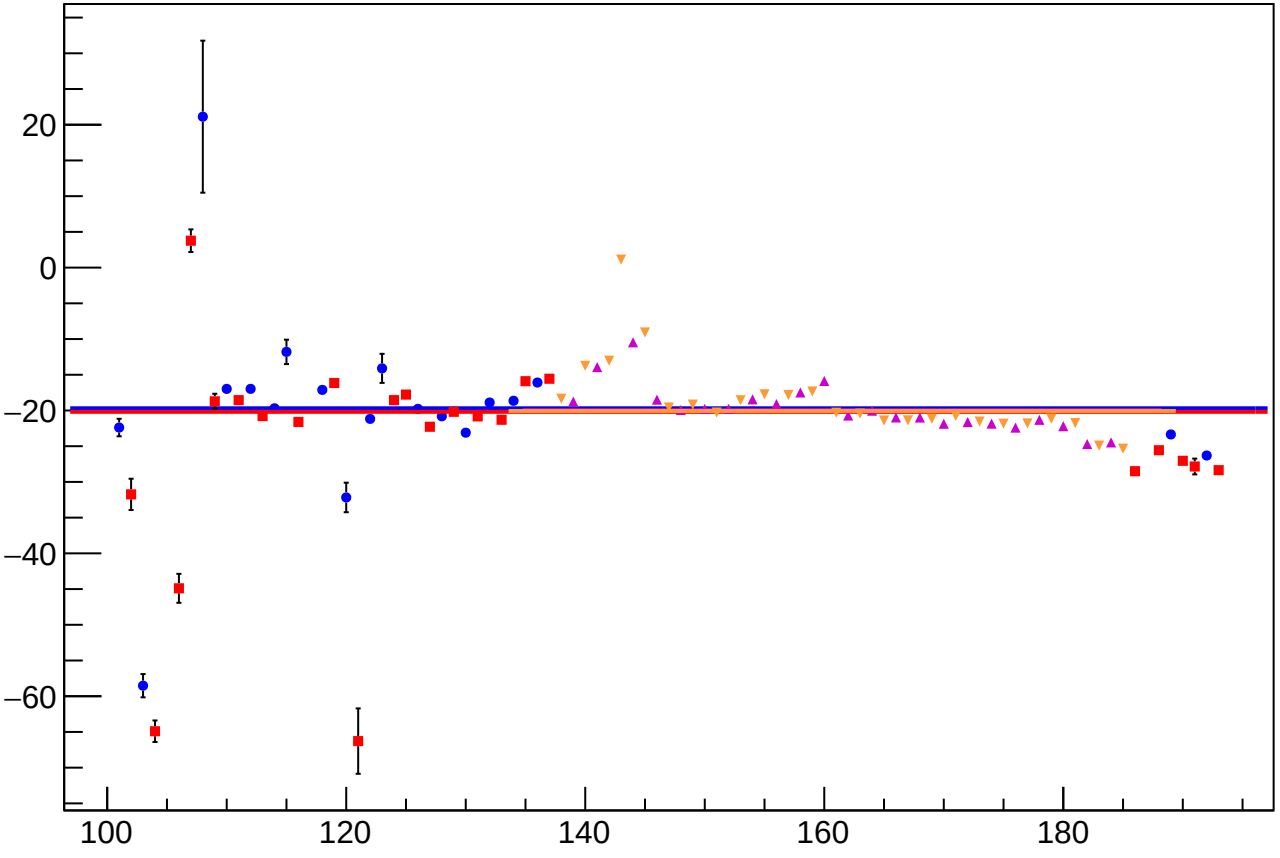
Right: 6.728+/-0.000 χ^2/NDF: 30461.7/41

In: 6.728+/-0.000 χ^2/NDF:239615.9/41

Out: 10.950+/-0.012 χ^2/NDF:38287.5/47

All: 6.728+/-0.000 χ^2/NDF: 411590.3/89

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 8872.1/18

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -20.188+/-0.047 χ^2/NDF: 5306.1/22

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

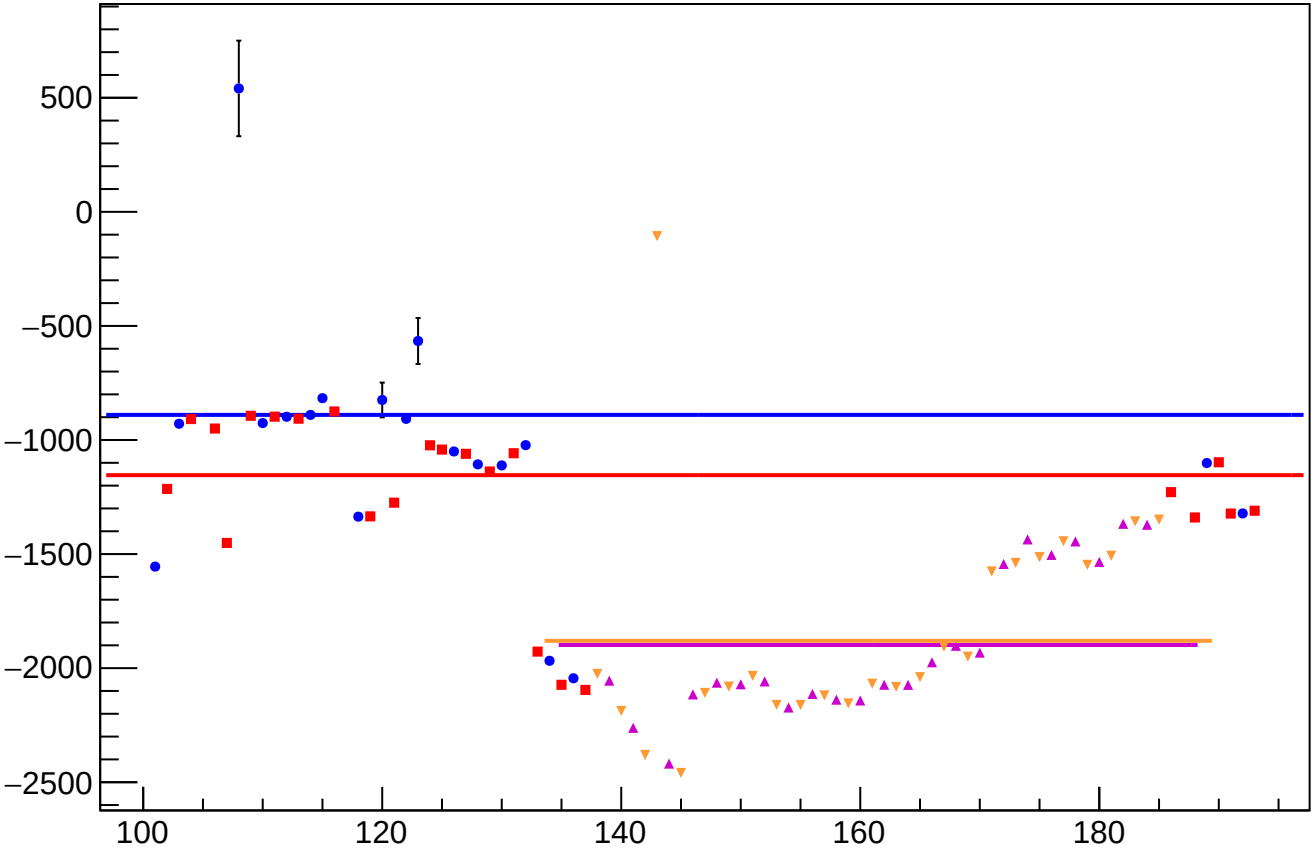
Right: -19.693+/-0.000 χ^2/NDF: 14289.0/41

In: -19.693+/-0.000 χ^2/NDF:31830.7/41

Out: -20.075+/-0.013 χ^2/NDF:76778.5/47

All: -19.693+/-0.000 χ^2/NDF: 109435.4/89

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 876340.8/18

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1154.106+/-0.272 χ^2/NDF: 834815.5/22

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

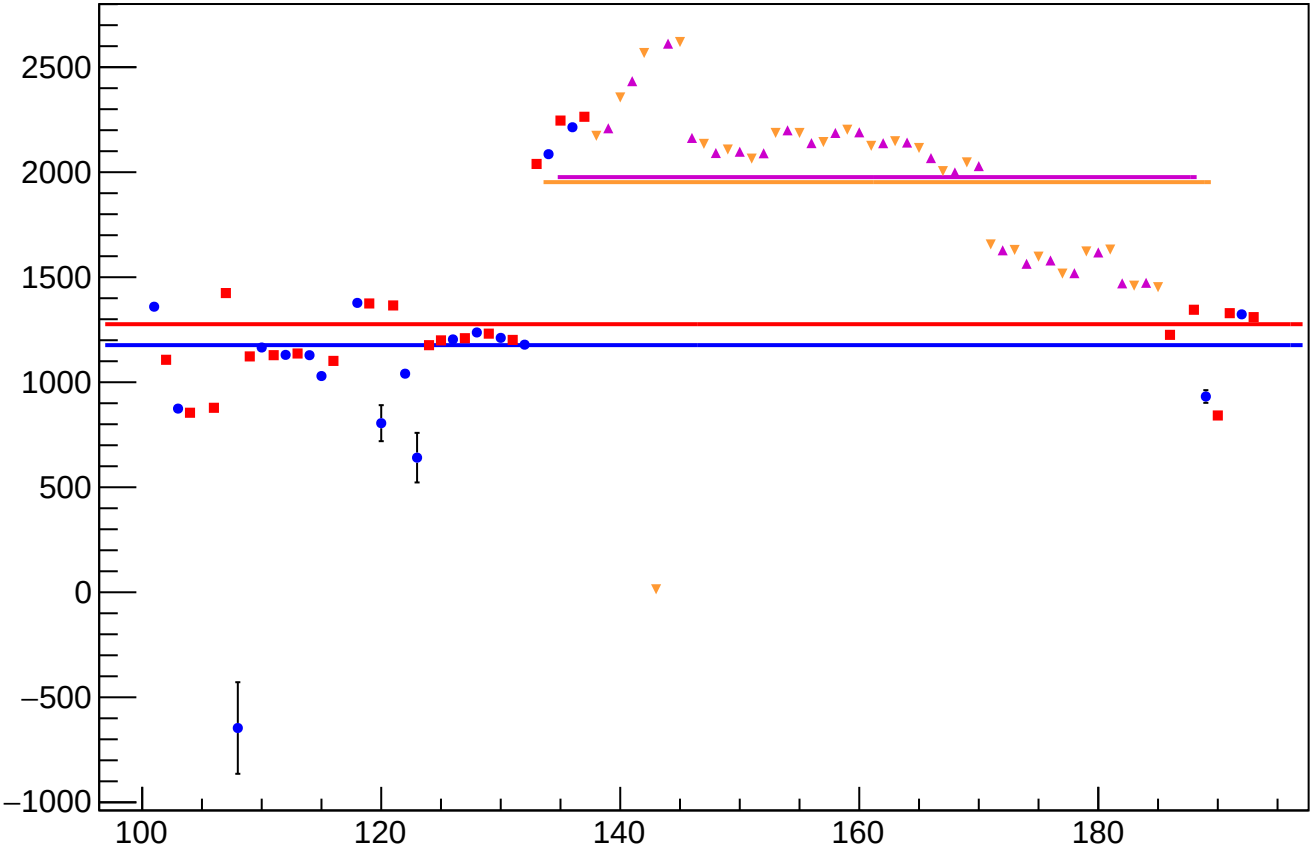
Right: -889.928+/-0.000 χ^2/NDF: 2652358.5/41

In: -889.928+/-0.000 χ^2/NDF:9263143.3/41

Out: -1425.027+/-0.216 χ^2/NDF:4360913.4/47

All: -889.928+/-0.000 χ^2/NDF: 19784175.6/8

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1176.685+/-0.241 χ^2/NDF: 522982.0/18

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1276.372+/-0.284 χ^2/NDF: 528992.9/22

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

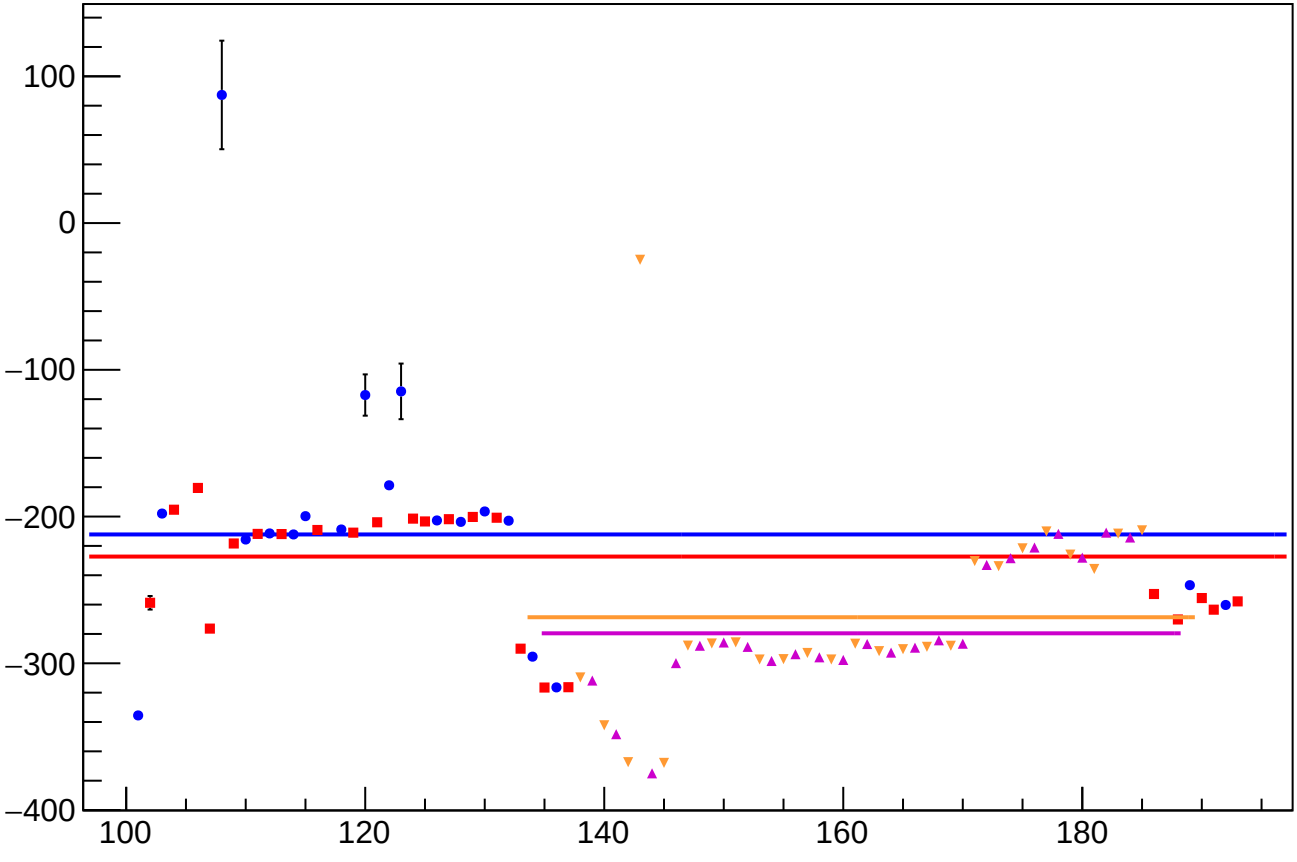
Right: 1218.390+/-0.184 χ^2/NDF: 1123627.4/41

In: 1417.302+/-0.201 χ^2/NDF:4465917.6/41

Out: 1541.240+/-0.222 χ^2/NDF:3569936.0/47

All: 1473.390+/-0.149 χ^2/NDF: 8207201.4/89

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1366212.8/18

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -227.266+/-0.035 χ^2/NDF: 674306.6/22

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

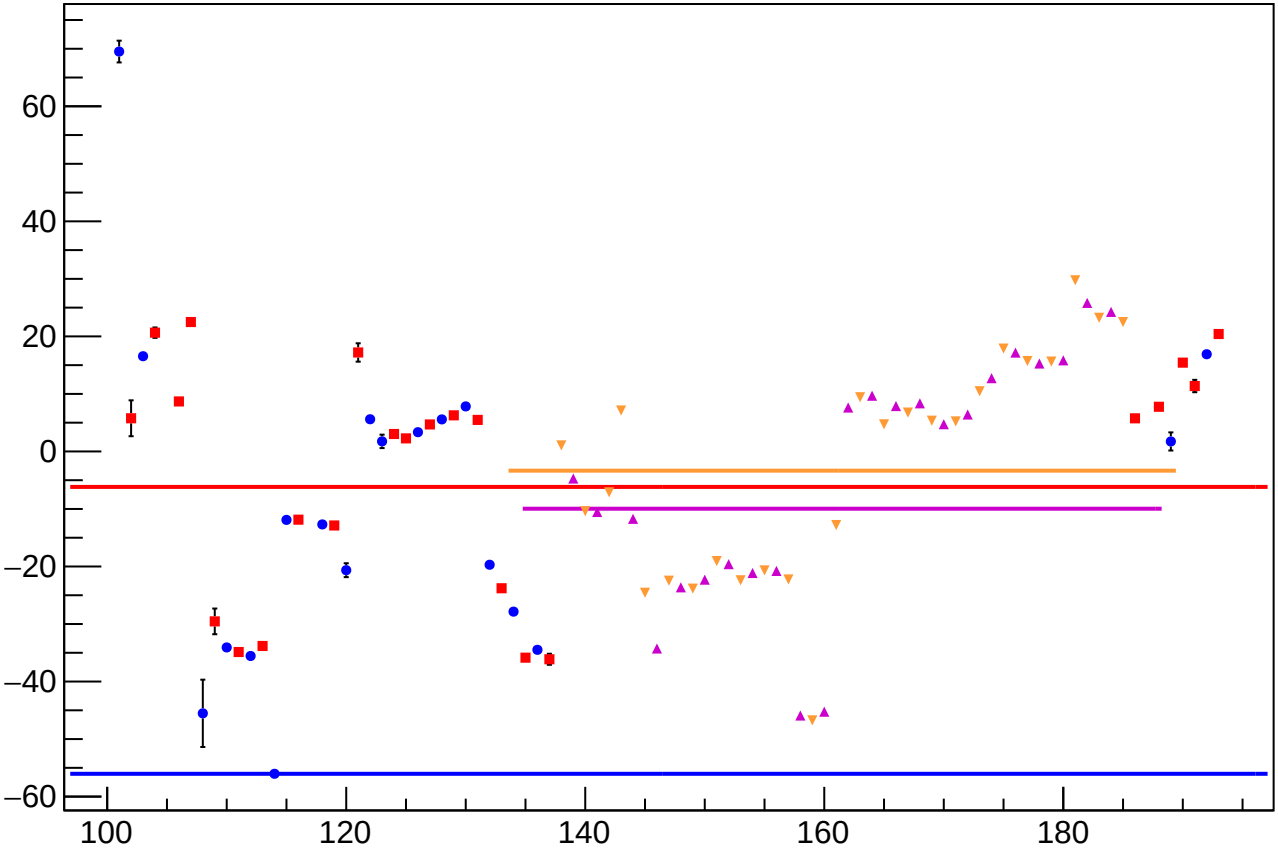
Right: -212.190+/-0.000 χ^2/NDF: 2226764.9/41

In: -212.190+/-0.000 χ^2/NDF:13336040.6/41

Out: -256.844+/-0.019 χ^2/NDF:8718039.5/47

All: -212.190+/-0.000 χ^2/NDF: 27794619.9/8

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1688858.5/18

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.166+/-0.041 χ^2/NDF: 187109.1/22

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

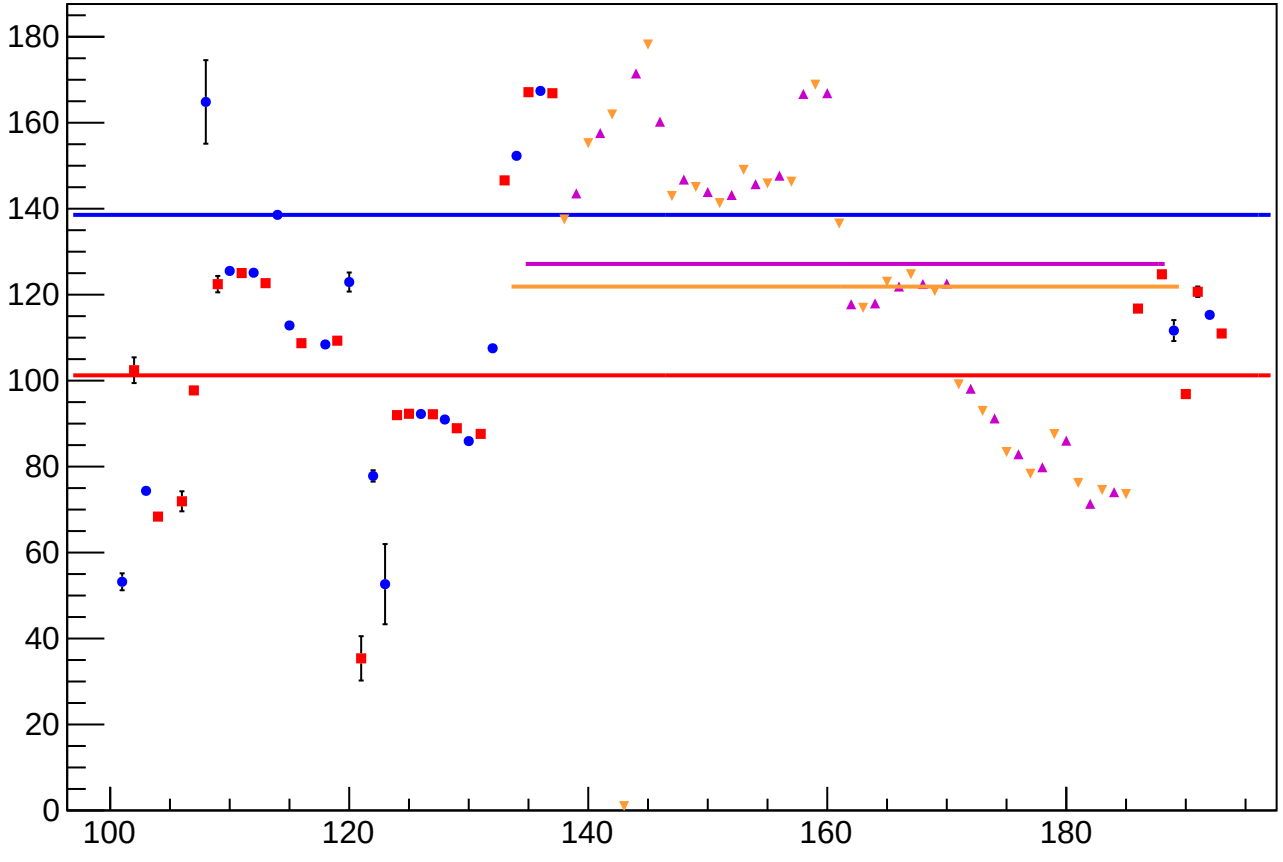
Right: -56.037+/-0.000 χ^2/NDF: 3377589.4/41

In: -56.037+/-0.000 χ^2/NDF:9603055.7/41

Out: -3.786+/-0.016 χ^2/NDF:1590916.6/47

All: -56.037+/-0.000 χ^2/NDF: 21679352.6/89

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 910539.6/18

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 101.228+/-0.033 χ^2/NDF: 310428.4/22

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

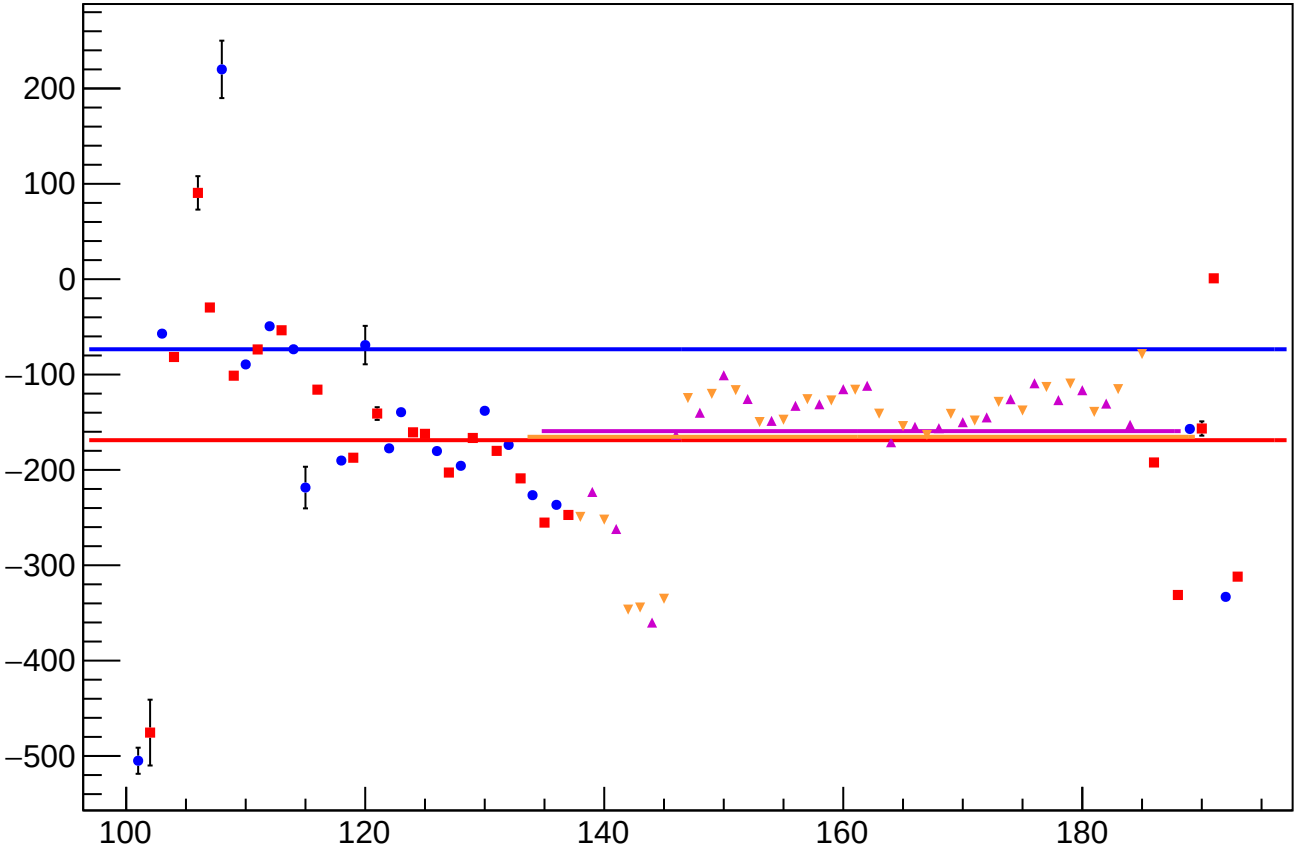
Right: 138.565+/-0.000 χ^2/NDF: 2531057.8/41

In: 138.565+/-0.000 χ^2/NDF:2440988.8/41

Out: 114.506+/-0.019 χ^2/NDF:2185433.2/47

All: 138.565+/-0.000 χ^2/NDF: 6150628.3/89

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 146325.8/18

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -168.838+/-0.314 χ^2/NDF: 89072.7/22

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

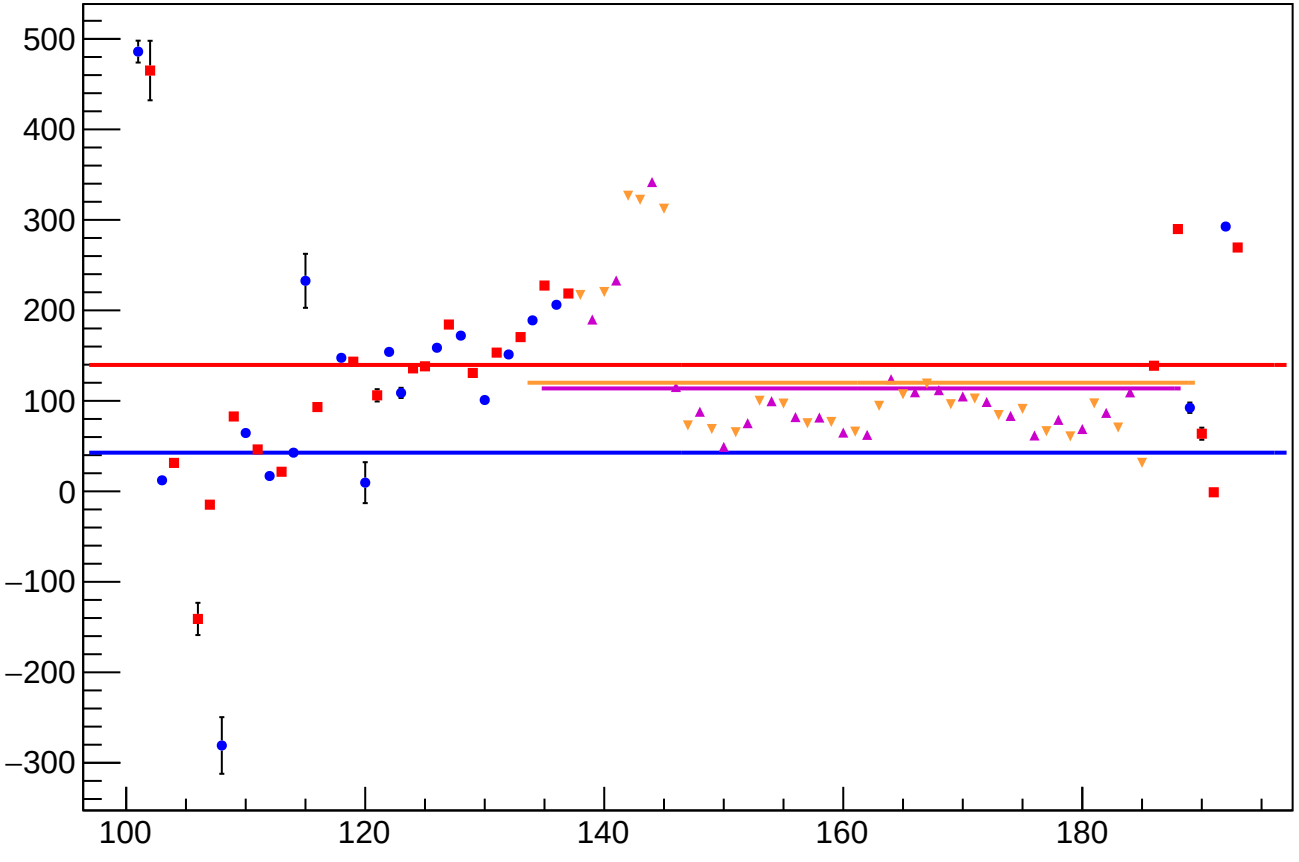
Right: -73.485+/-0.000 χ^2/NDF: 327856.3/41

In: -73.485+/-0.000 χ^2/NDF:349117.1/41

Out: -166.538+/-0.186 χ^2/NDF:173456.9/47

All: -73.485+/-0.000 χ^2/NDF: 771863.8/89

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 132132.8/18

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 139.691+/-0.343 χ^2/NDF: 72005.9/22

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

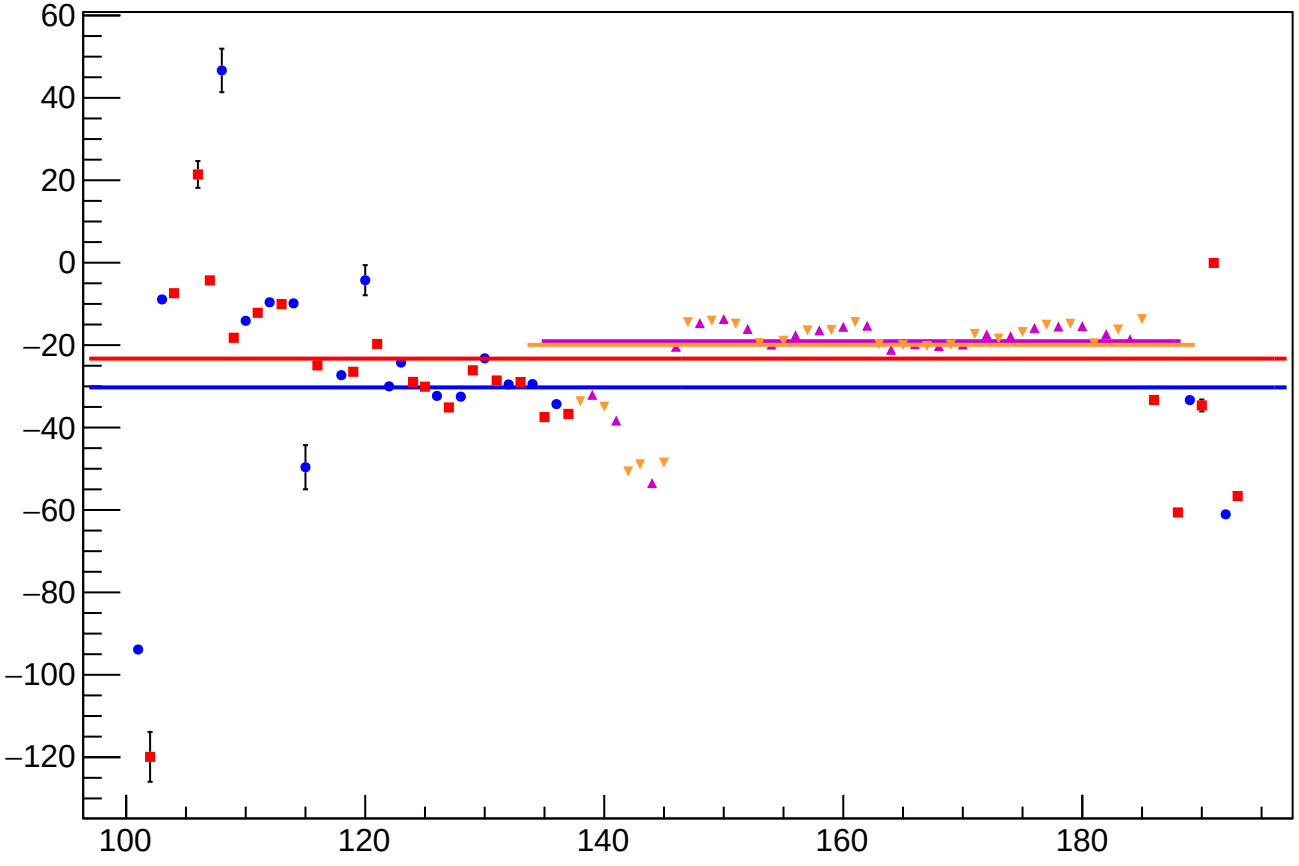
Right: 42.743+/-0.000 χ^2/NDF: 284224.7/41

In: 42.743+/-0.000 χ^2/NDF:297082.2/41

Out: 126.409+/-0.195 χ^2/NDF:172155.1/47

All: 42.743+/-0.000 χ^2/NDF: 653532.2/89

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -30.255+/-0.034 χ^2/NDF: 87103.2/18

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -23.270+/-0.034 χ^2/NDF: 222494.4/22

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

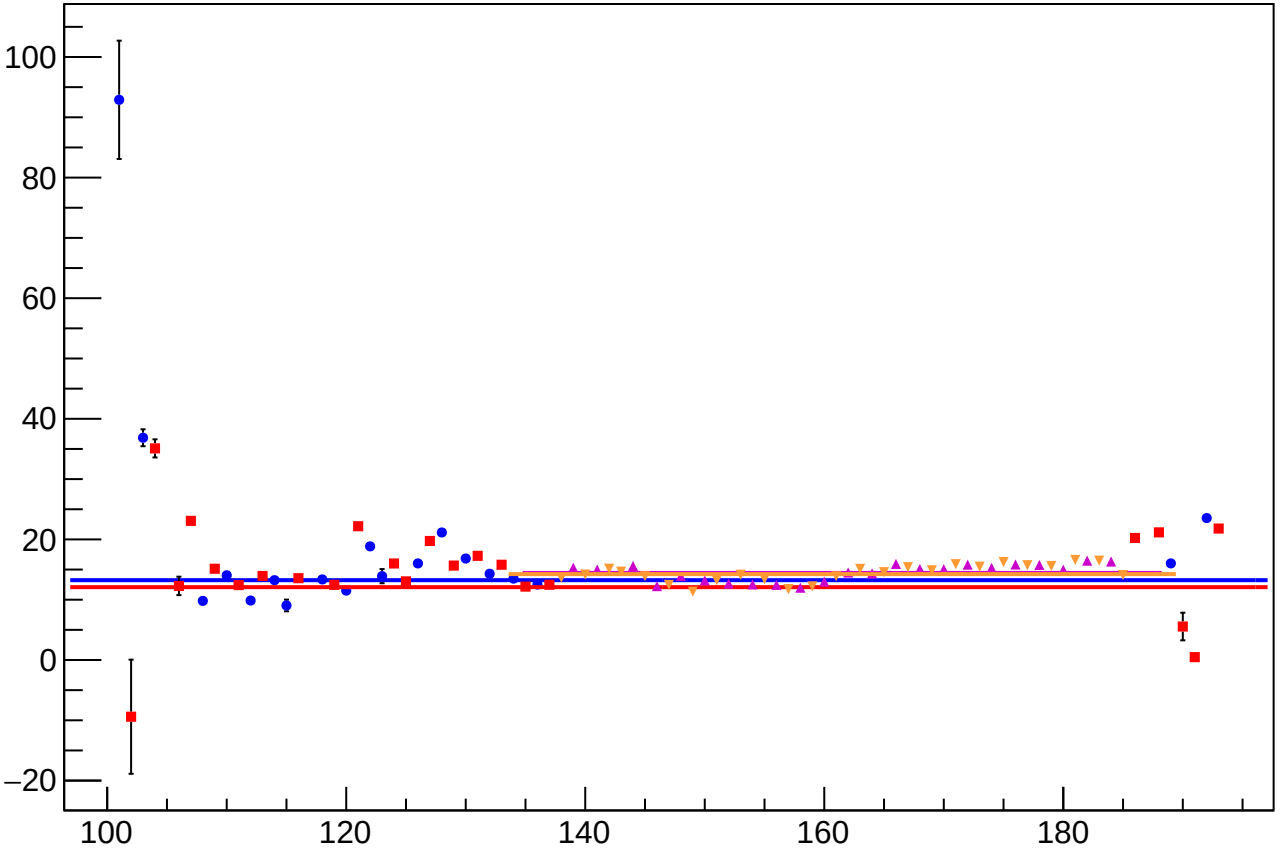
Right: -26.774+/-0.024 χ^2/NDF: 330854.3/41

In: -20.676+/-0.013 χ^2/NDF:395715.3/41

Out: -20.312+/-0.012 χ^2/NDF:605986.0/47

All: -20.474+/-0.009 χ^2/NDF: 1002144.0/89

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 7427.6/18

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.080+/-0.040 χ^2/NDF: 24107.7/22

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

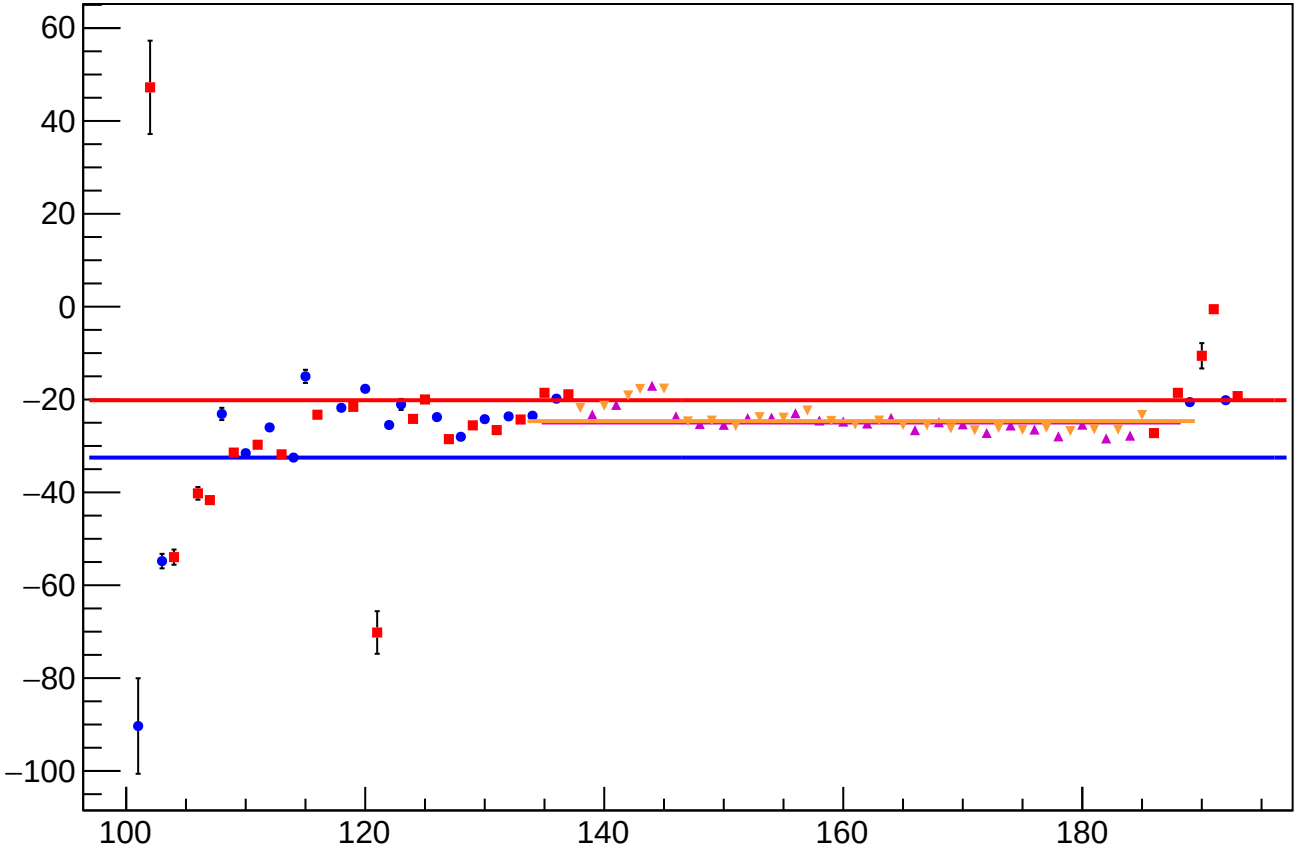
Right: 13.238+/-0.000 χ^2/NDF: 32356.5/41

In: 13.238+/-0.000 χ^2/NDF:31049.3/41

Out: 14.070+/-0.011 χ^2/NDF:39116.5/47

All: 13.238+/-0.000 χ^2/NDF: 75415.5/89

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 77351.7/18

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -20.150+/-0.042 χ^2/NDF: 59486.1/22

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

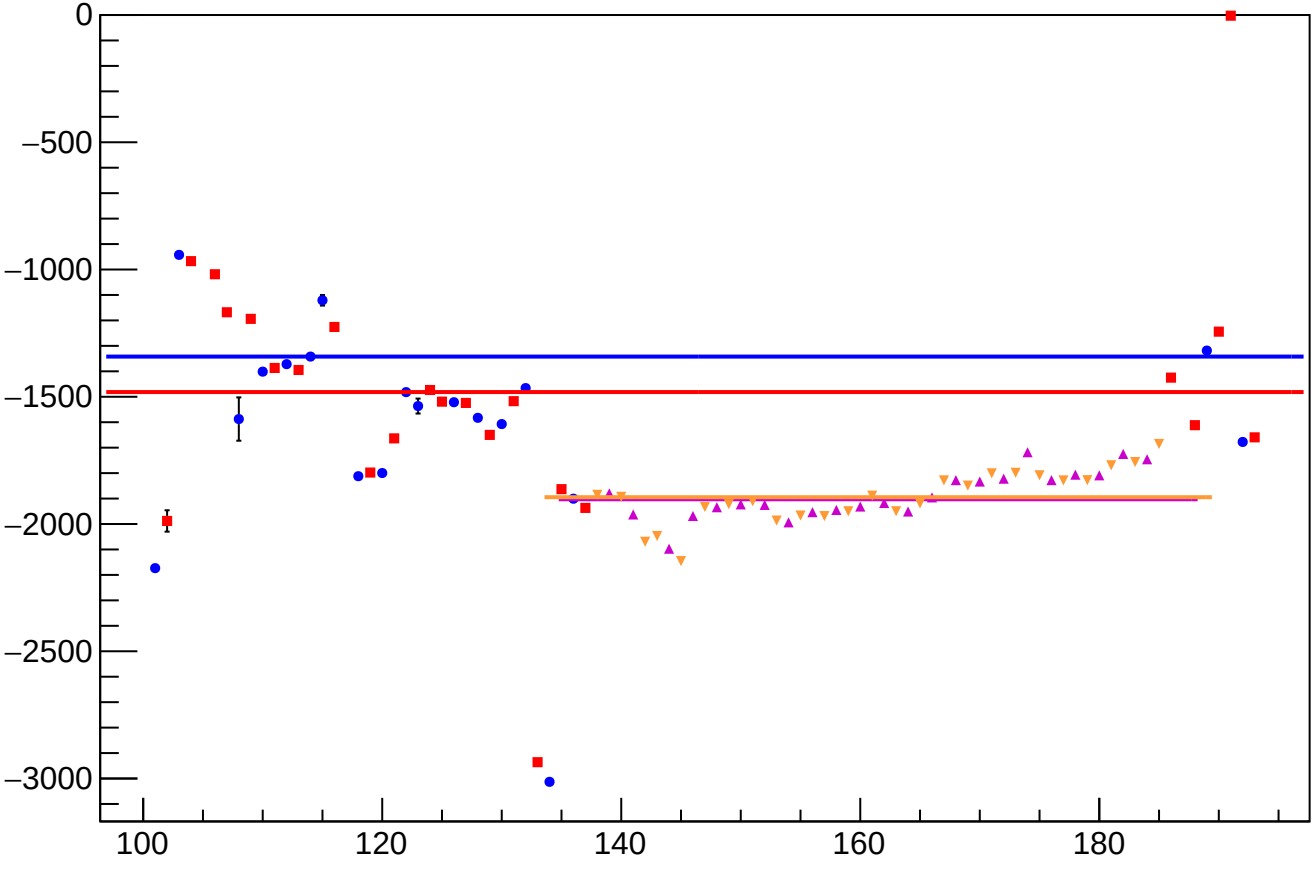
Right: -32.504+/-0.000 χ^2/NDF: 224621.3/41

In: -32.504+/-0.000 χ^2/NDF:339302.6/41

Out: -24.138+/-0.014 χ^2/NDF:92871.5/47

All: -32.504+/-0.000 χ^2/NDF: 784960.2/89

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 525483.2/18

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1481.479+/-0.312 χ^2/NDF: 1841973.1/22

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

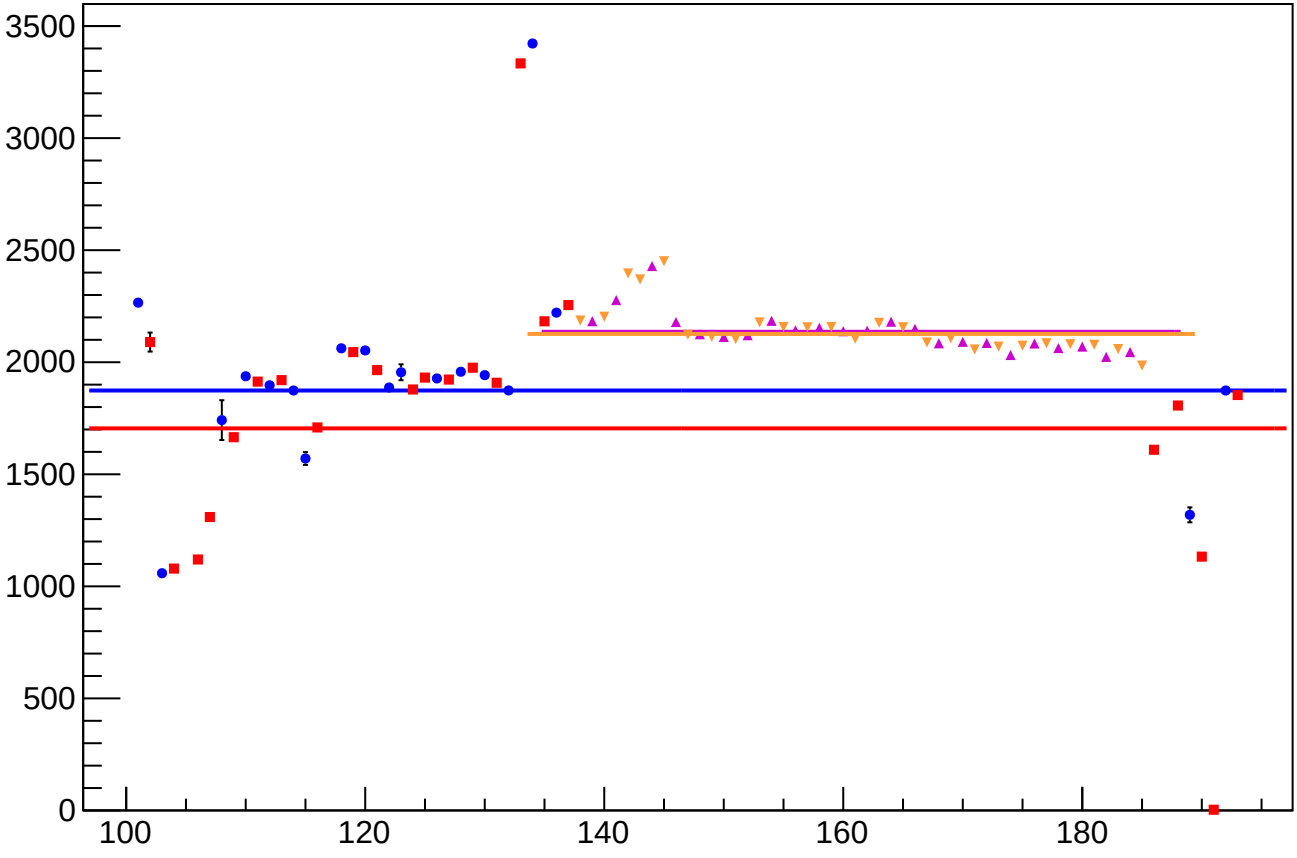
Right: -1342.107+/-0.000 χ^2/NDF: 2566796.1/41

In: -1342.107+/-0.000 χ^2/NDF:4364778.5/41

Out: -1684.378+/-0.223 χ^2/NDF:2769669.7/47

All: -1342.107+/-0.000 χ^2/NDF: 9496775.6/8

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 201839.6/18

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1704.846+/-0.322 χ^2/NDF: 3258799.2/22

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

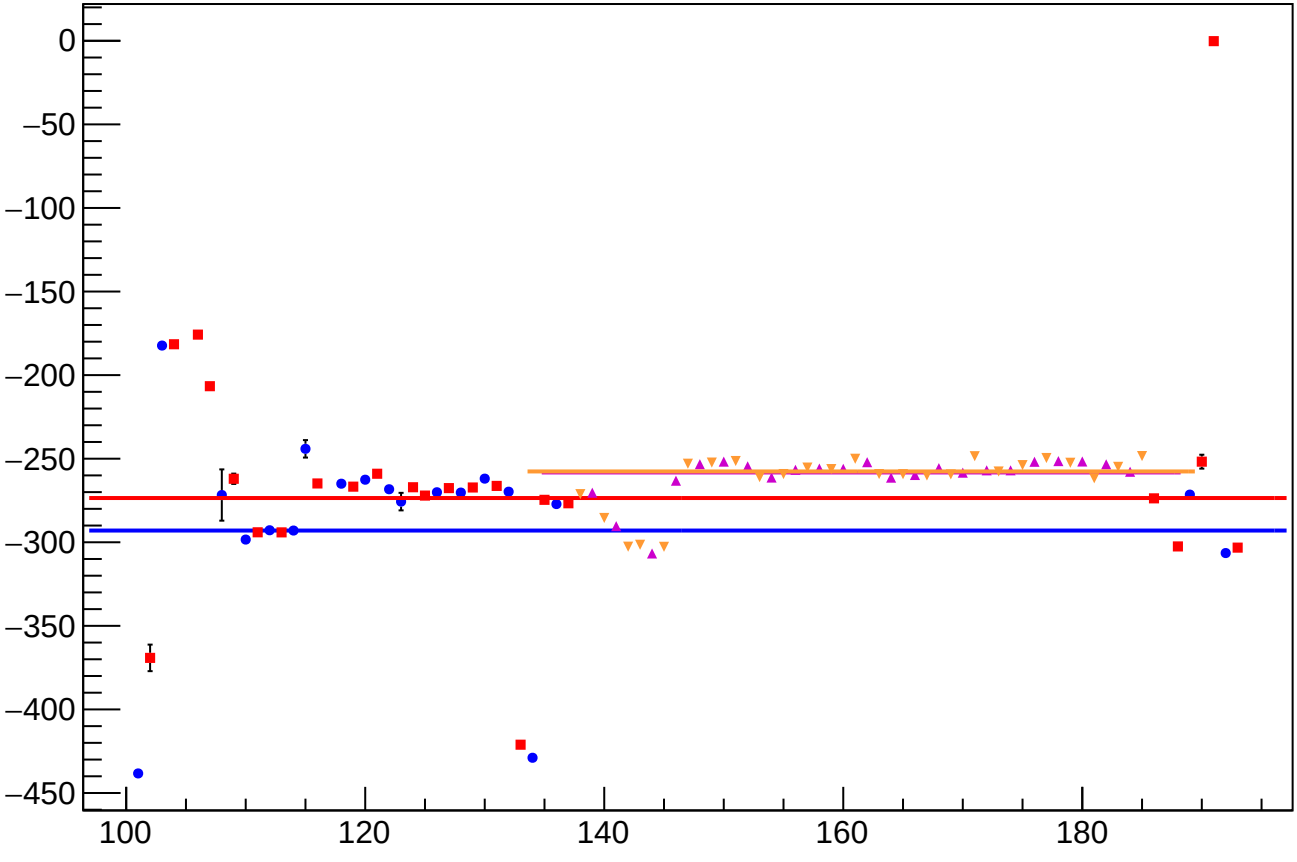
Right: 1873.852+/-0.000 χ^2/NDF: 3735949.4/41

In: 1873.852+/-0.000 χ^2/NDF:1078317.4/41

Out: 1918.676+/-0.226 χ^2/NDF:4175395.6/47

All: 1873.852+/-0.000 χ^2/NDF: 5293038.8/89

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1052792.6/18

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -273.533+/-0.040 χ^2/NDF: 1813621.6/22

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

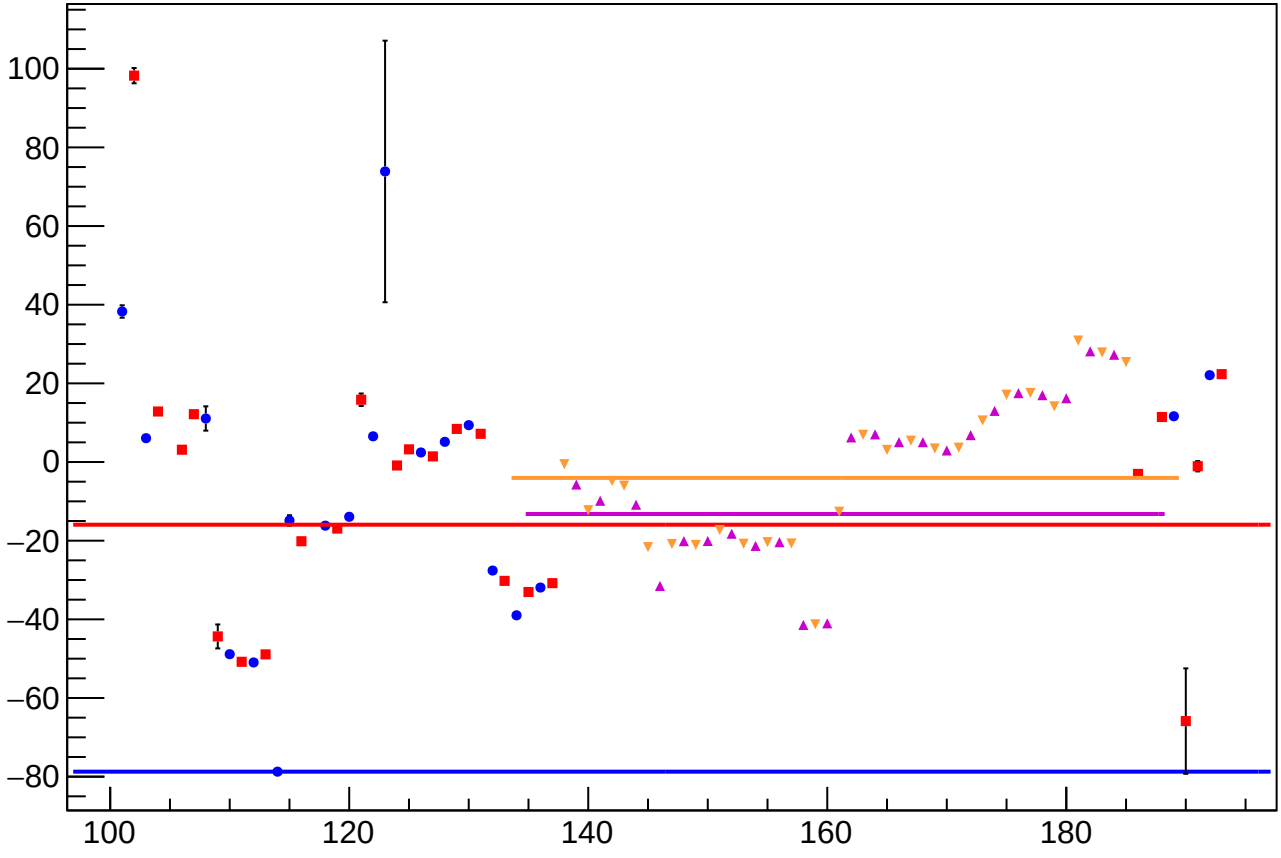
Right: -292.986+/-0.000 χ^2/NDF: 3101917.5/41

In: -292.986+/-0.000 χ^2/NDF:5267627.5/41

Out: -260.765+/-0.018 χ^2/NDF:2166921.3/47

All: -292.986+/-0.000 χ^2/NDF: 10713680.2/8

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1567428.2/18

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -15.935+/-0.067 χ^2/NDF: 97245.9/22

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

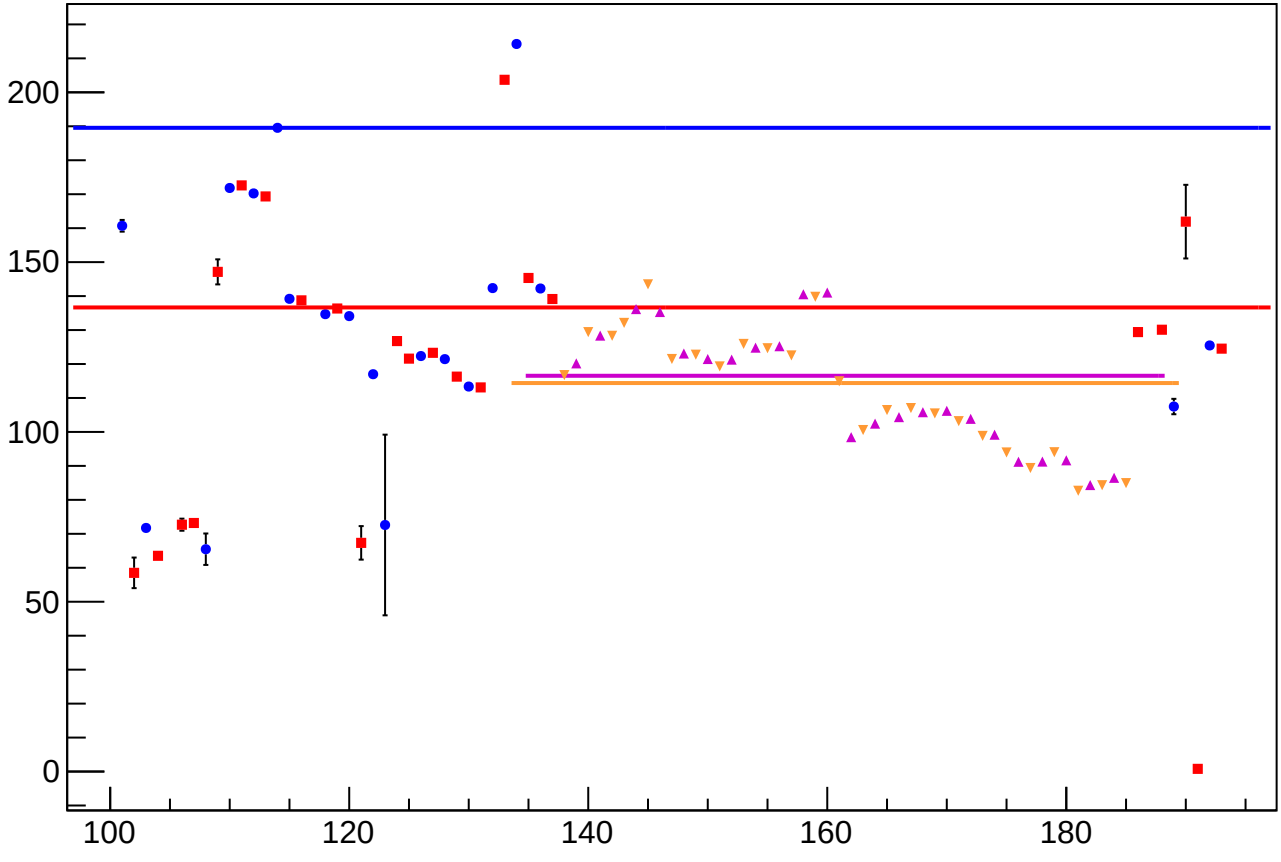
Right: -78.728+/-0.000 χ^2/NDF: 2553351.2/41

In: -78.728+/-0.000 χ^2/NDF:17920236.6/41

Out: -4.769+/-0.017 χ^2/NDF:1496808.4/47

All: -78.728+/-0.000 χ^2/NDF: 39416472.4/89

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 999352.0/18

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 136.655+/-0.057 χ^2/NDF: 127387.2/22

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

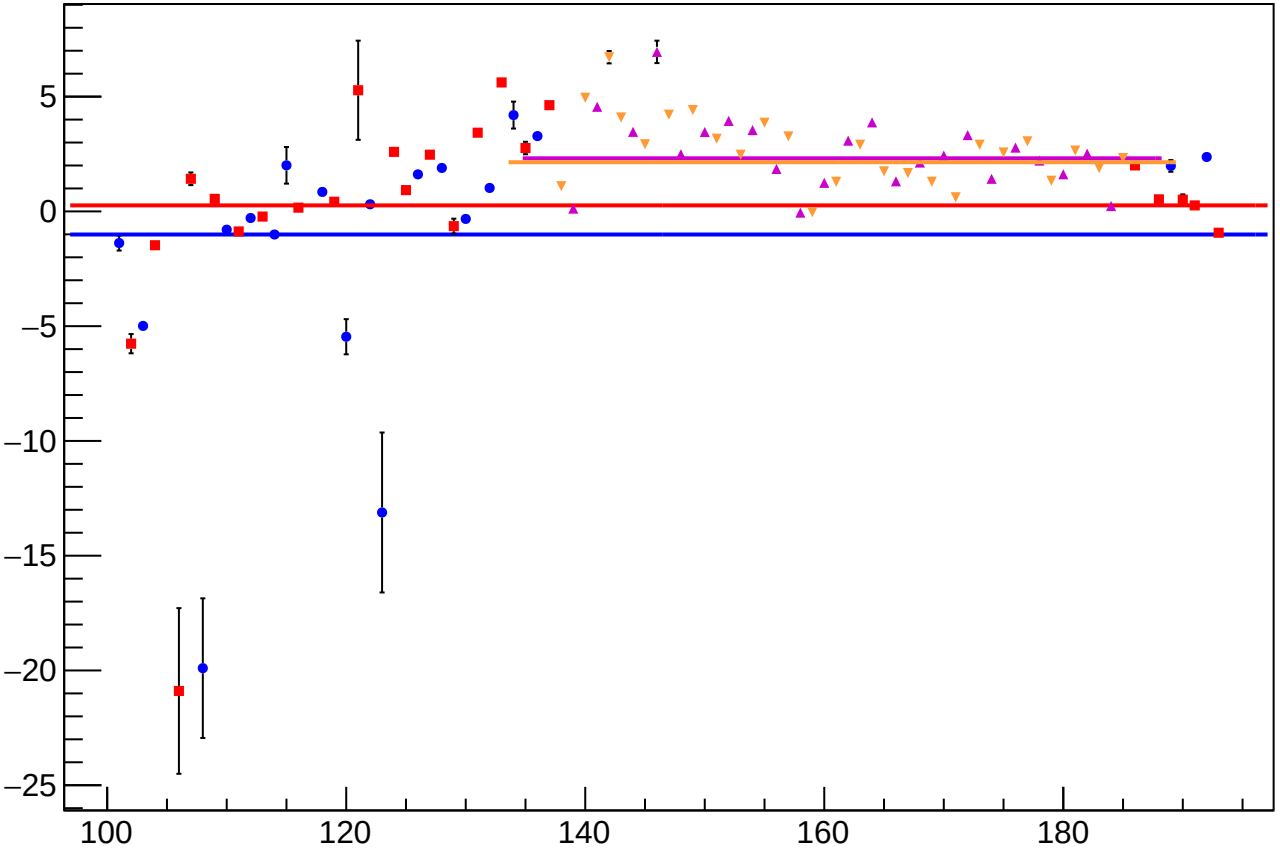
Right: 189.551+/-0.000 χ^2/NDF: 1986877.5/41

In: 189.551+/-0.000 χ^2/NDF:11019293.2/41

Out: 117.410+/-0.021 χ^2/NDF:693953.8/47

All: 189.551+/-0.000 χ^2/NDF: 23527945.8/89

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7861.7/18

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.262+/-0.015 χ^2/NDF: 4584.9/22

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

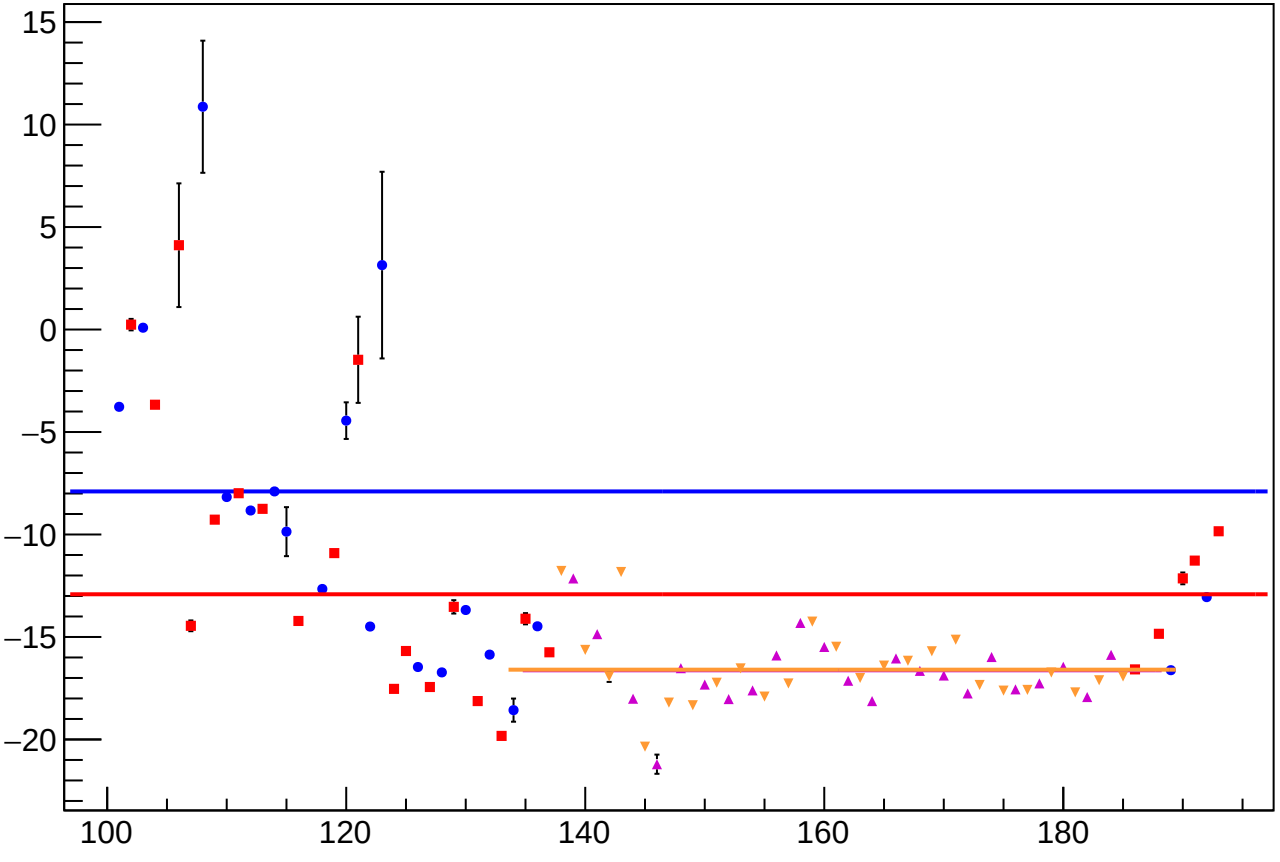
Right: -1.007+/-0.000 χ^2/NDF: 19508.7/41

In: -1.007+/-0.000 χ^2/NDF:71031.9/41

Out: 1.231+/-0.011 χ^2/NDF:19157.5/47

All: -1.007+/-0.000 χ^2/NDF: 135485.4/89

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 44434.3/18

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -12.916+/-0.019 χ^2/NDF: 27545.5/22

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

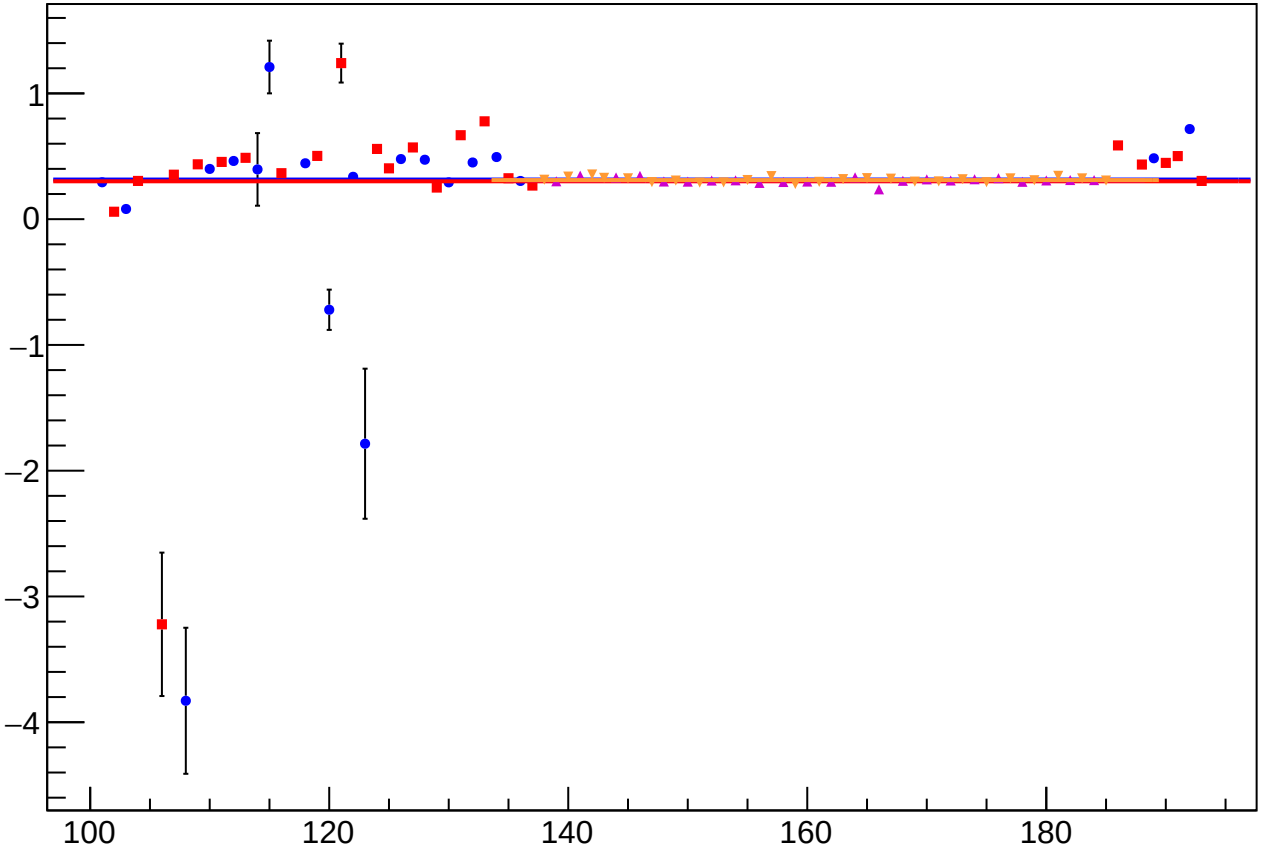
Right: -7.899+/-0.000 χ^2/NDF: 142689.3/41

In: -7.899+/-0.000 χ^2/NDF:403531.6/41

Out: -15.244+/-0.011 χ^2/NDF:60026.2/47

All: -7.899+/-0.000 χ^2/NDF: 876064.7/89

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.315+/-0.001 χ^2/NDF: 3229.2/18

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.301+/-0.001 χ^2/NDF: 7011.1/22

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

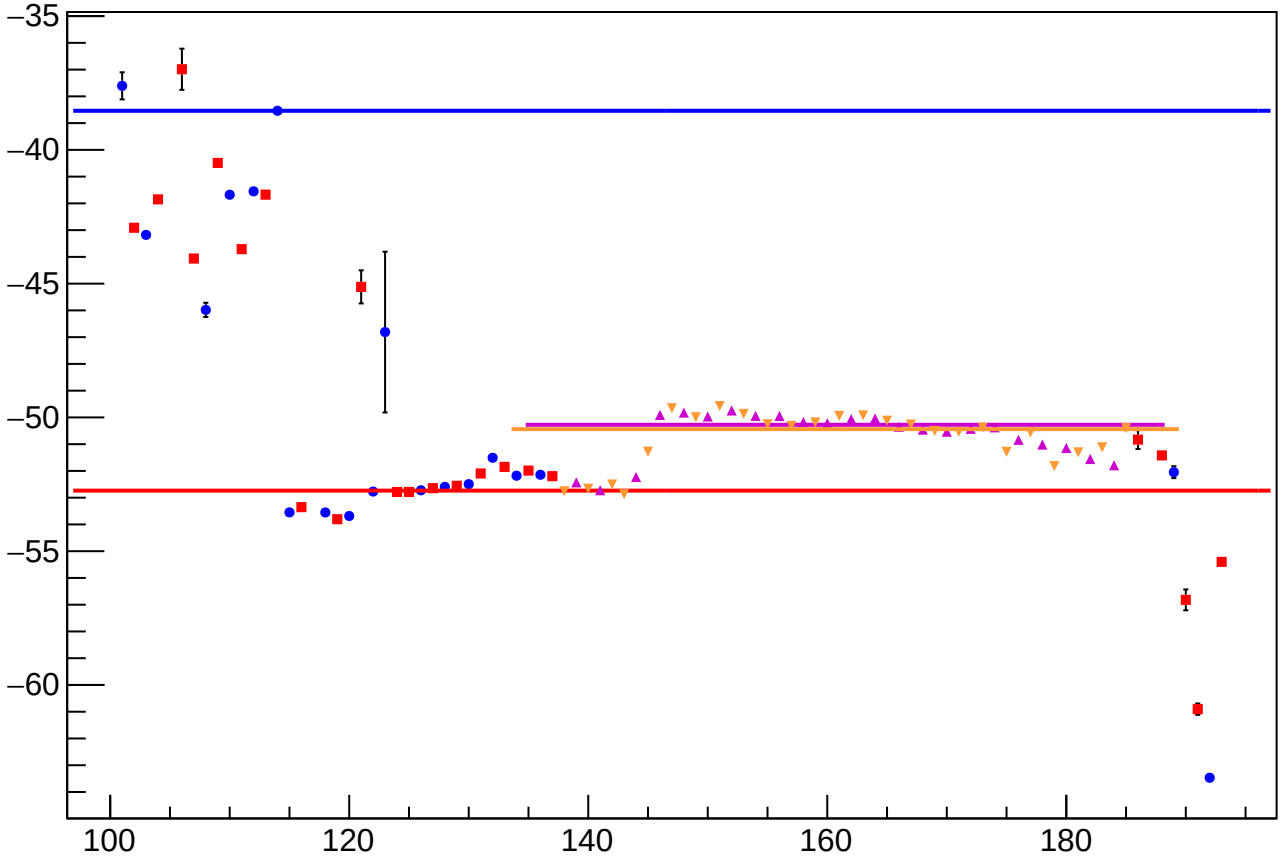
Right: 0.307+/-0.001 χ^2/NDF: 10355.9/41

In: 0.310+/-0.000 χ^2/NDF:6329.7/41

Out: 0.310+/-0.000 χ^2/NDF:12106.2/47

All: 0.310+/-0.000 χ^2/NDF: 18436.0/89

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14981898.0/18

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.736+/-0.002 χ^2/NDF: 83723.8/22

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

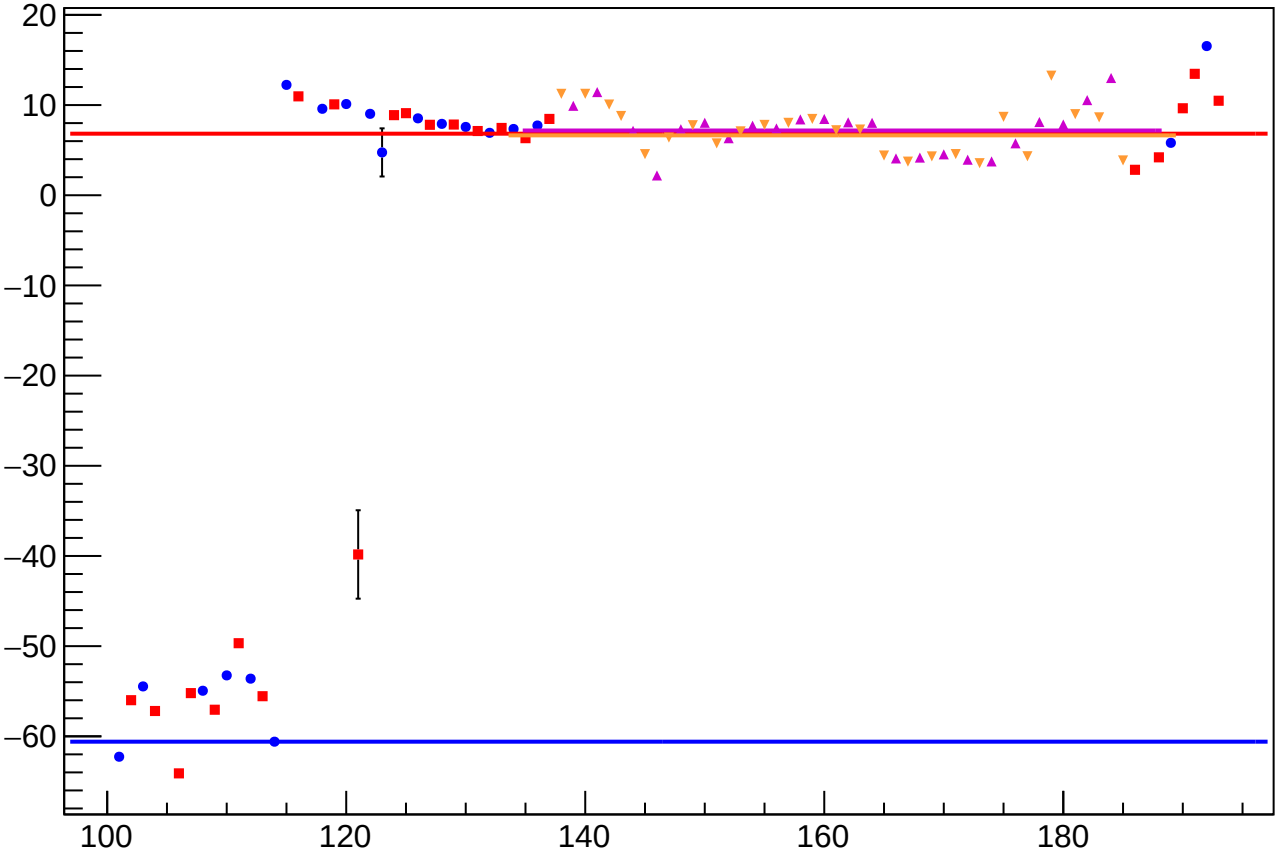
Right: -38.539+/-0.000 χ^2/NDF: 72181755.4/41

In: -38.539+/-0.000 χ^2/NDF:103140959.0/41

Out: -51.235+/-0.001 χ^2/NDF:1360778.7/47

All: -38.539+/-0.000 χ^2/NDF: 236220042.9/8

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26489664.8/18

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.826+/-0.011 χ^2/NDF: 1162180.2/22

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

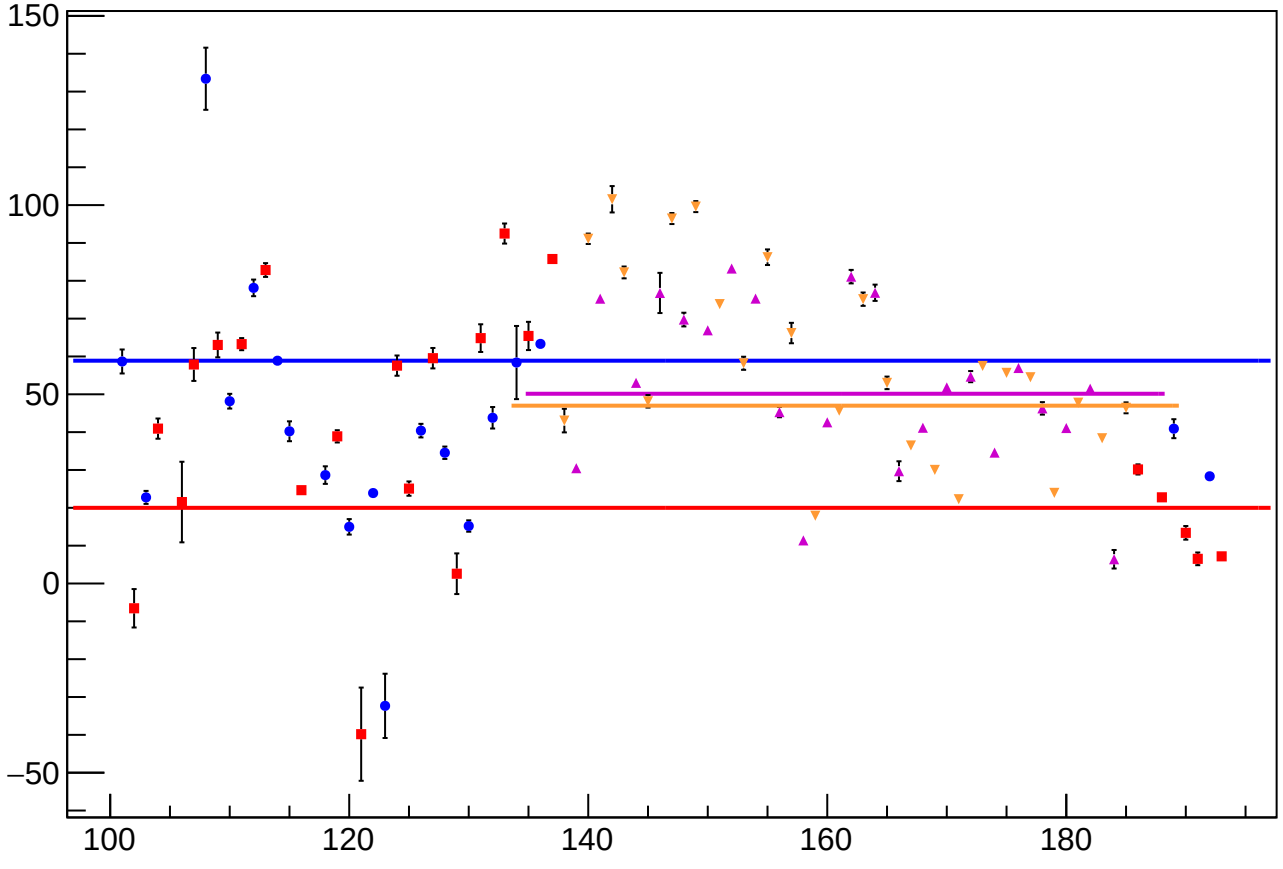
Right: -60.594+/-0.000 χ^2/NDF: 66603609.3/41

In: -60.594+/-0.000 χ^2/NDF:410560526.8/41

Out: 6.660+/-0.003 χ^2/NDF:1502907.5/47

All: -60.594+/-0.000 χ^2/NDF: 785080061.7/8

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 4450.3/18

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.996+/-0.187 χ^2/NDF: 10458.2/22

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

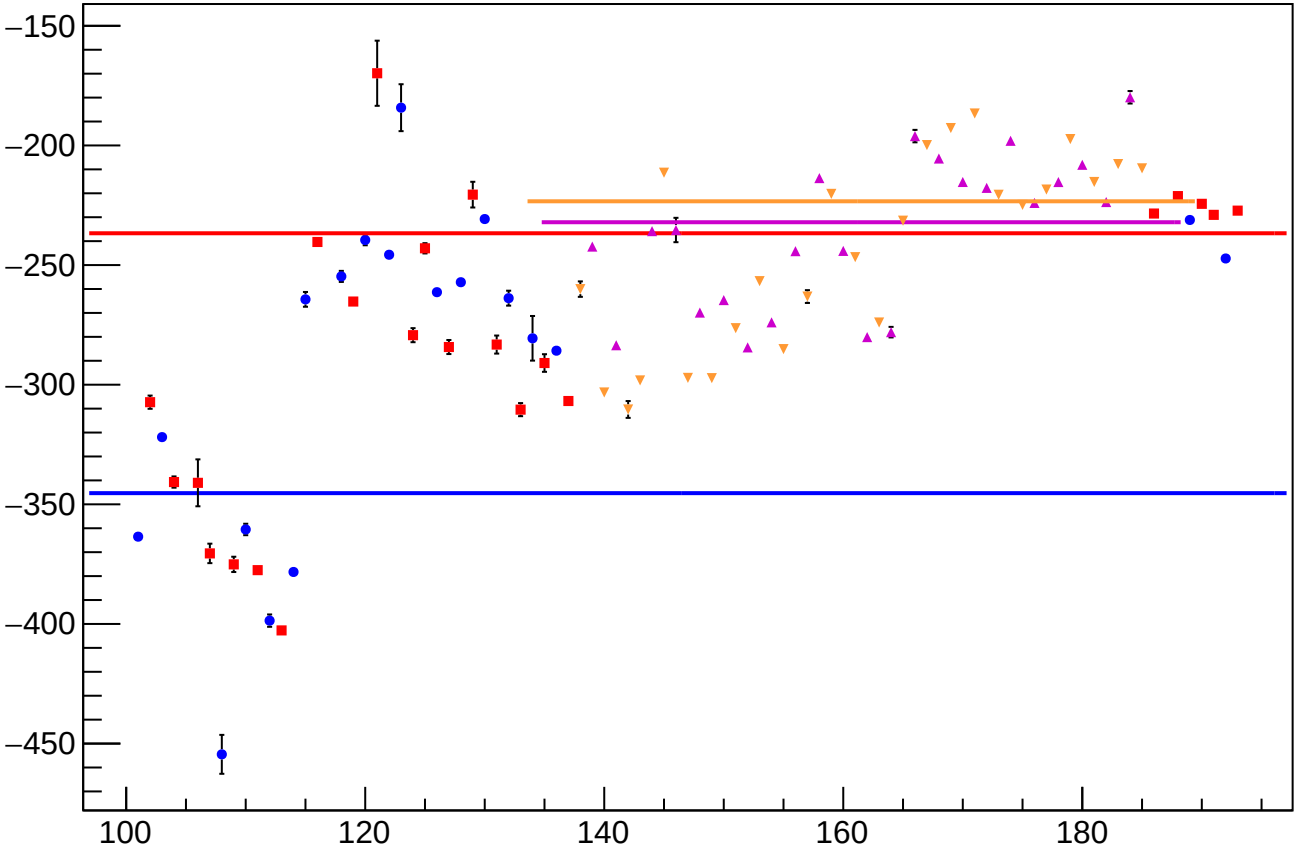
Right: 58.880+/-0.000 χ^2/NDF: 58219.6/41

In: 58.880+/-0.000 χ^2/NDF:12823.9/41

Out: 31.614+/-0.141 χ^2/NDF:28647.8/47

All: 58.880+/-0.000 χ^2/NDF: 78853.5/89

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -345.327+/-0.238 χ^2/NDF: 51356.1/18

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -236.704+/-0.169 χ^2/NDF: 28063.5/22

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

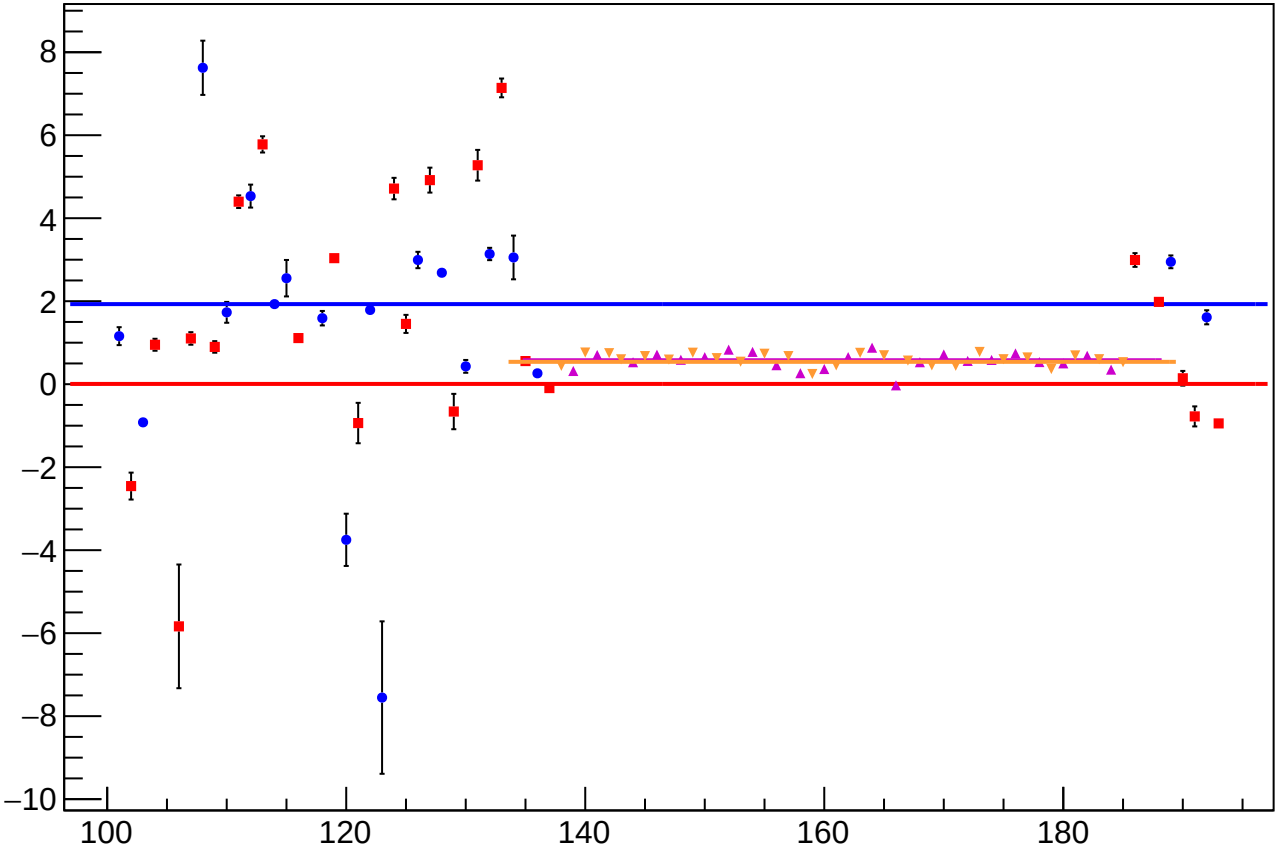
Right: -273.120+/-0.138 χ^2/NDF: 217586.9/41

In: -283.541+/-0.161 χ^2/NDF:192068.3/41

Out: -231.606+/-0.133 χ^2/NDF:52737.0/47

All: -252.747+/-0.102 χ^2/NDF: 306812.9/89

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 60018.0/18

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.006+/-0.004 χ^2/NDF: 10579.4/22

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

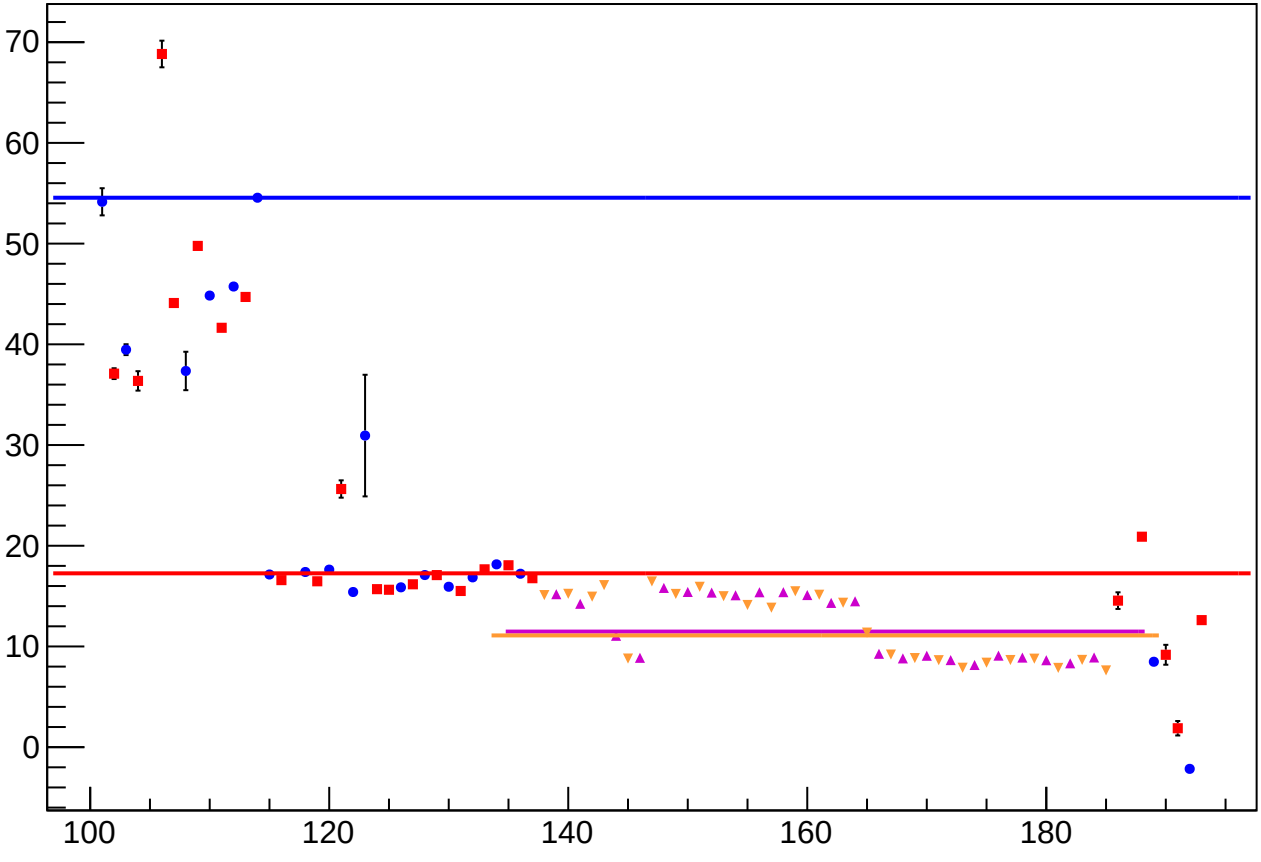
Right: 1.930+/-0.000 χ^2/NDF: 267750.1/41

In: 1.930+/-0.000 χ^2/NDF:944748.7/41

Out: 0.470+/-0.002 χ^2/NDF:34508.7/47

All: 1.930+/-0.000 χ^2/NDF: 1854557.4/89

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 9929026.6/18

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.261+/-0.018 χ^2/NDF: 61228.9/22

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

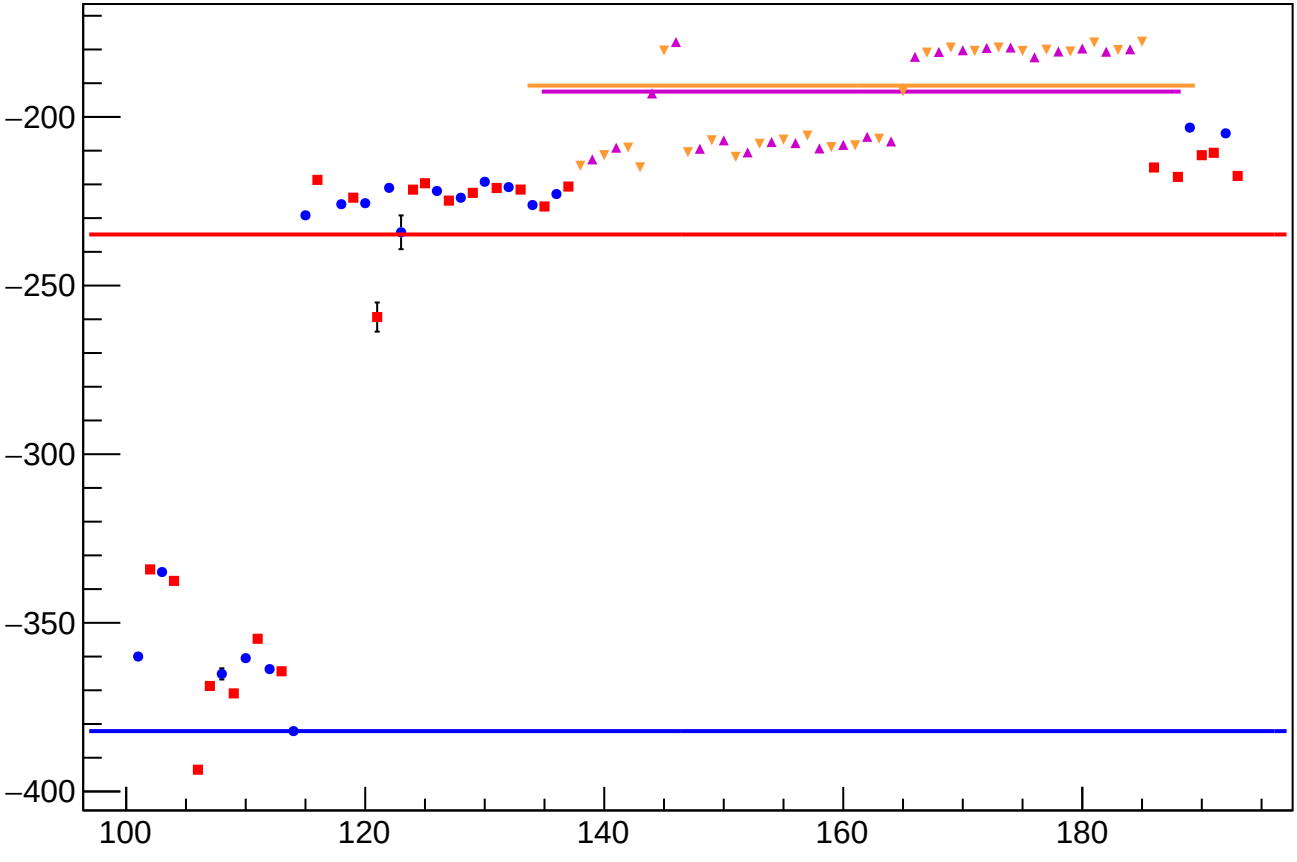
Right: 54.556+/-0.000 χ^2/NDF: 14176982.5/41

In: 54.556+/-0.000 χ^2/NDF:78255762.5/41

Out: 11.586+/-0.005 χ^2/NDF:548070.5/47

All: 54.556+/-0.000 χ^2/NDF: 148710517.0/89

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 19117018.9/18

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -234.852+/-0.049 χ^2/NDF: 642223.4/22

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

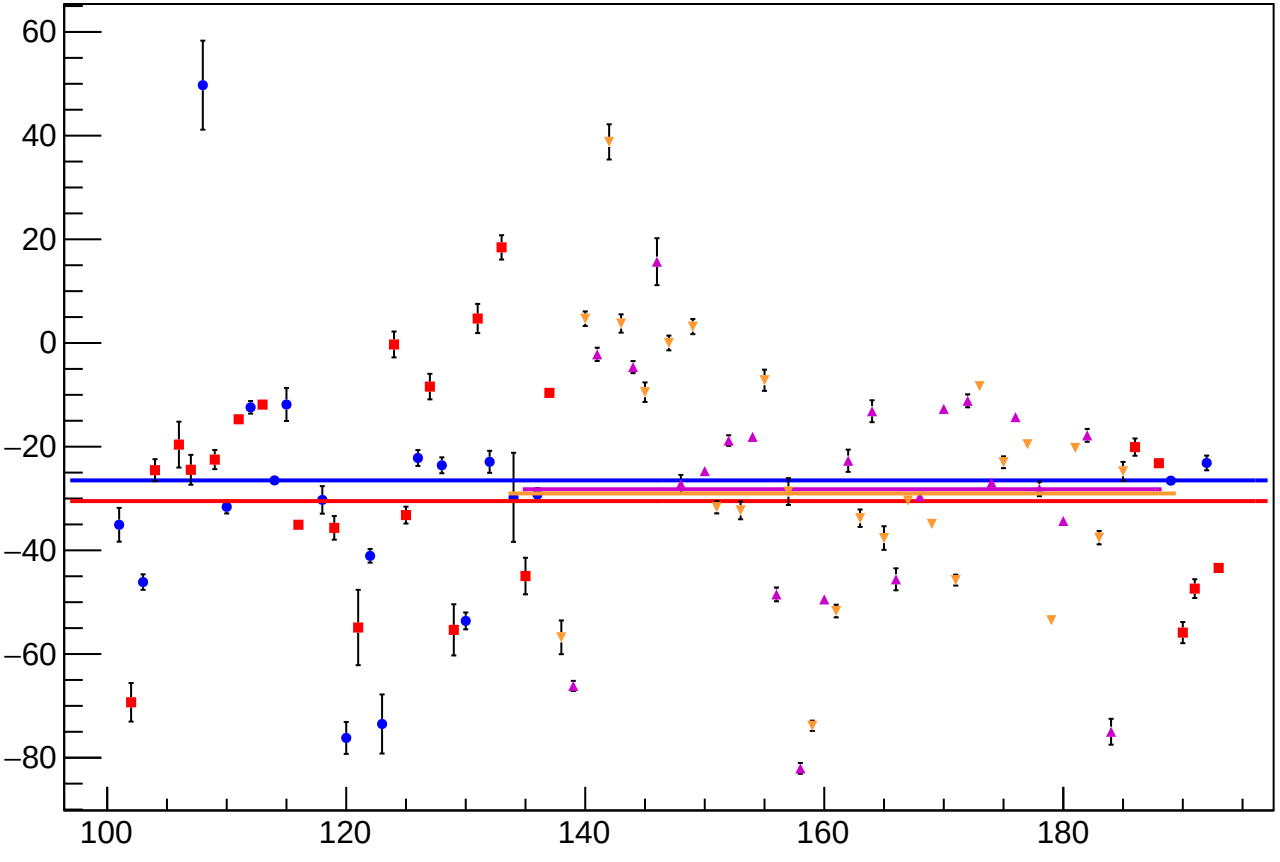
Right: -382.108+/-0.000 χ^2/NDF: 28757571.3/41

In: -382.108+/-0.000 χ^2/NDF:297731175.1/41

Out: -192.871+/-0.011 χ^2/NDF:3013548.6/47

All: -382.108+/-0.000 χ^2/NDF: 603310557.9/

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 1186.3/18

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -30.499+/-0.194 χ^2/NDF: 4228.3/22

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

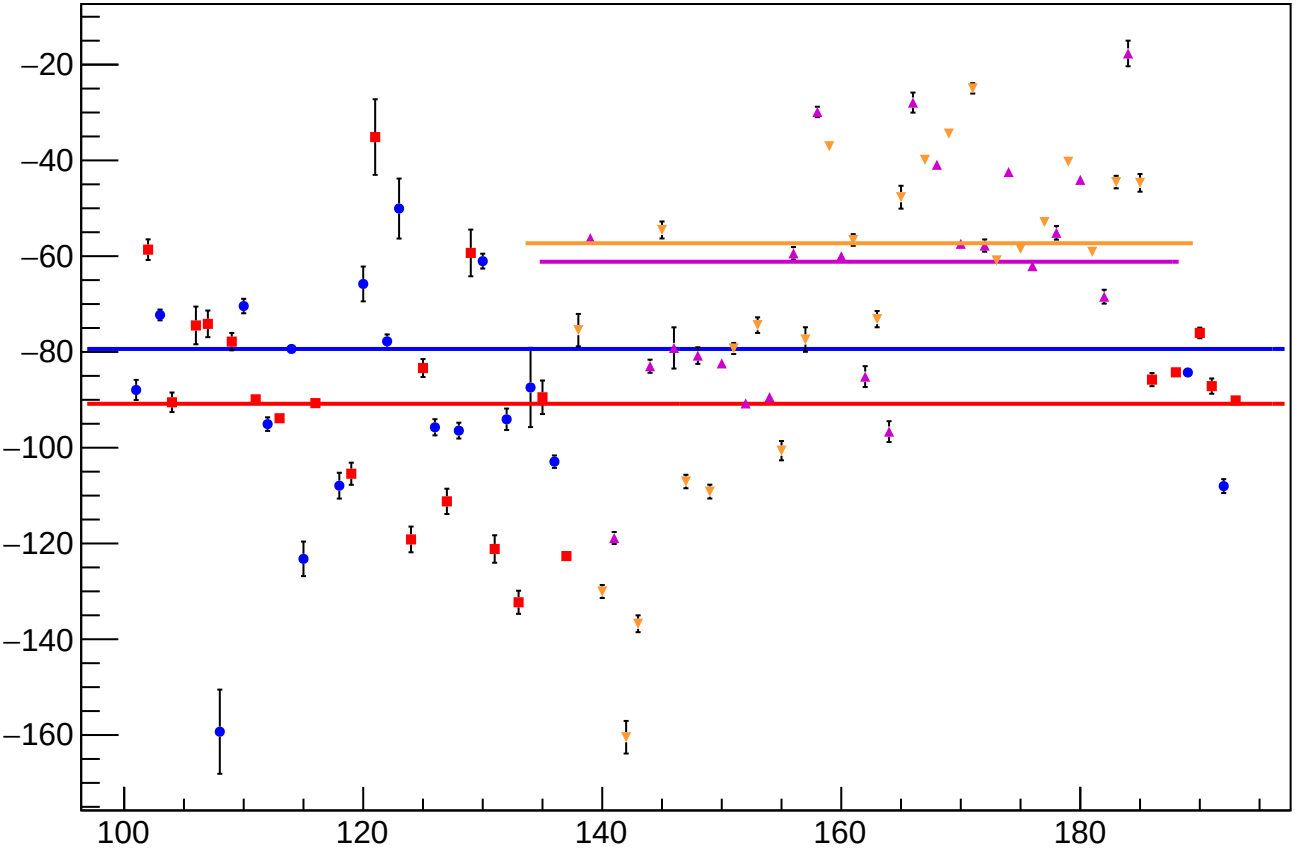
Right: -26.504+/-0.000 χ^2/NDF: 5840.6/41

In: -26.504+/-0.000 χ^2/NDF:9036.4/41

Out: -29.901+/-0.149 χ^2/NDF:11362.3/47

All: -26.504+/-0.000 χ^2/NDF: 20916.3/89

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 1727.7/18

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -90.828+/-0.164 χ^2/NDF: 2621.9/22

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

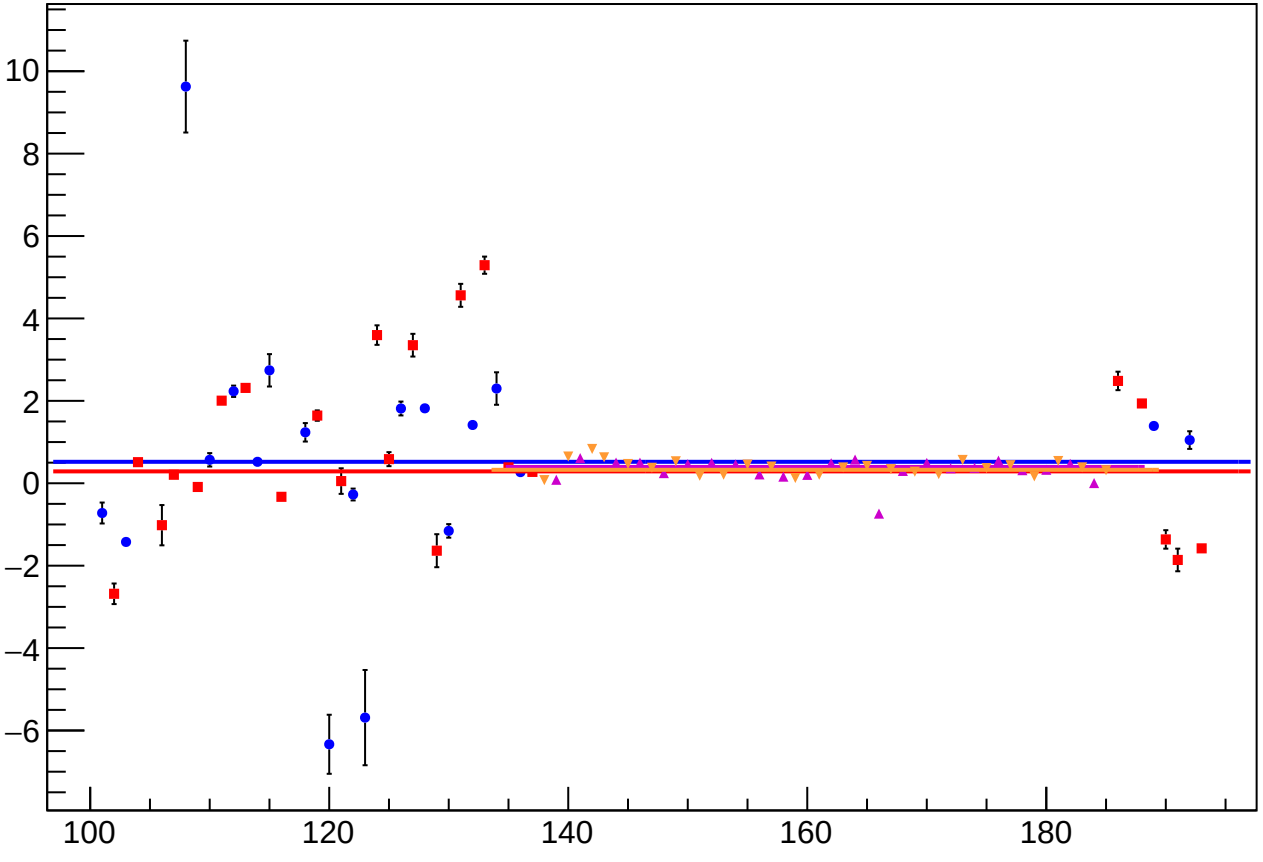
Right: -79.376+/-0.000 χ^2/NDF: 9225.8/41

In: -79.376+/-0.000 χ^2/NDF:17675.2/41

Out: -79.475+/-0.133 χ^2/NDF:29842.9/47

All: -79.376+/-0.000 χ^2/NDF: 47518.7/89

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3551.8/18

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.288+/-0.010 χ^2/NDF: 5616.3/22

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

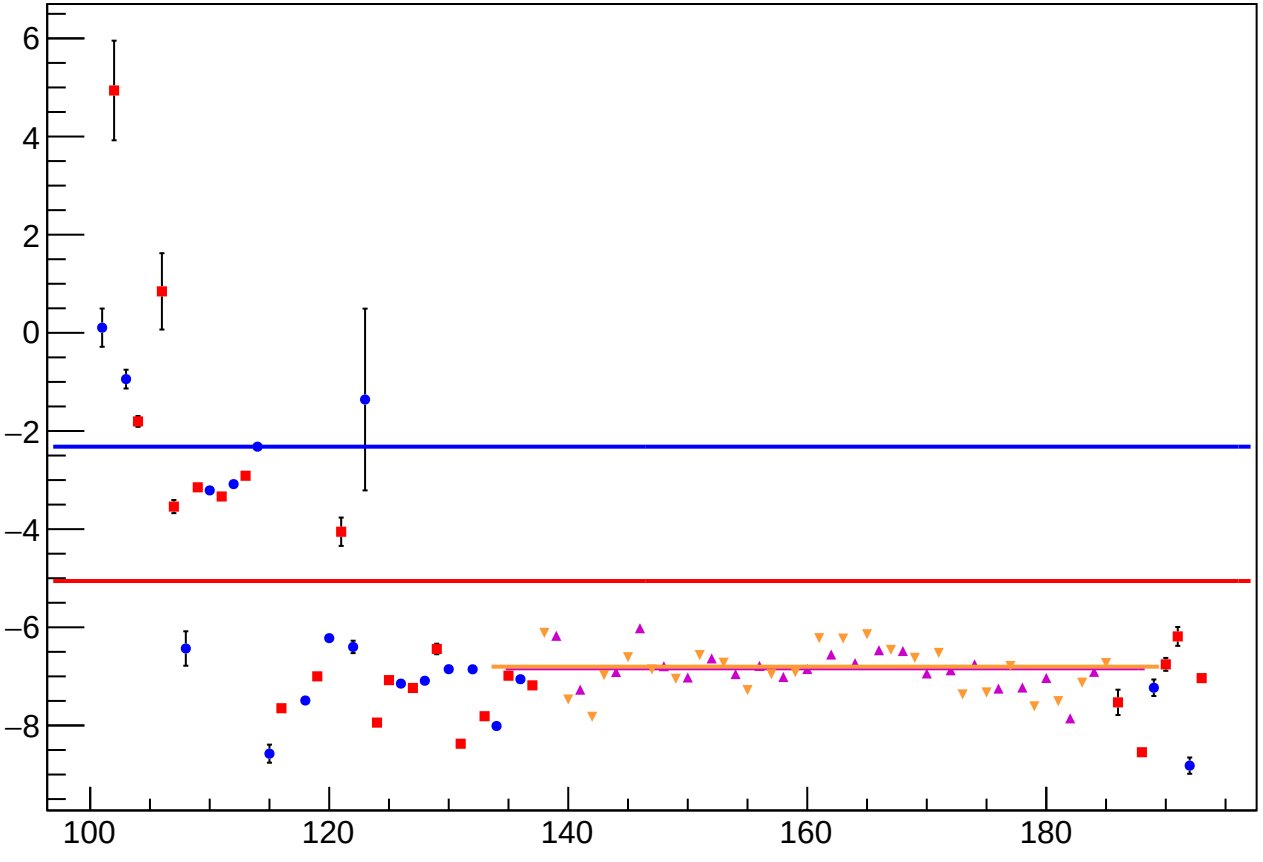
Right: 0.521+/-0.000 χ^2/NDF: 9669.6/41

In: 0.521+/-0.000 χ^2/NDF:22460.6/41

Out: 0.325+/-0.002 χ^2/NDF:16048.7/47

All: 0.521+/-0.000 χ^2/NDF: 53750.8/89

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 273154.0/18

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.057+/-0.010 χ^2/NDF: 50410.4/22

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

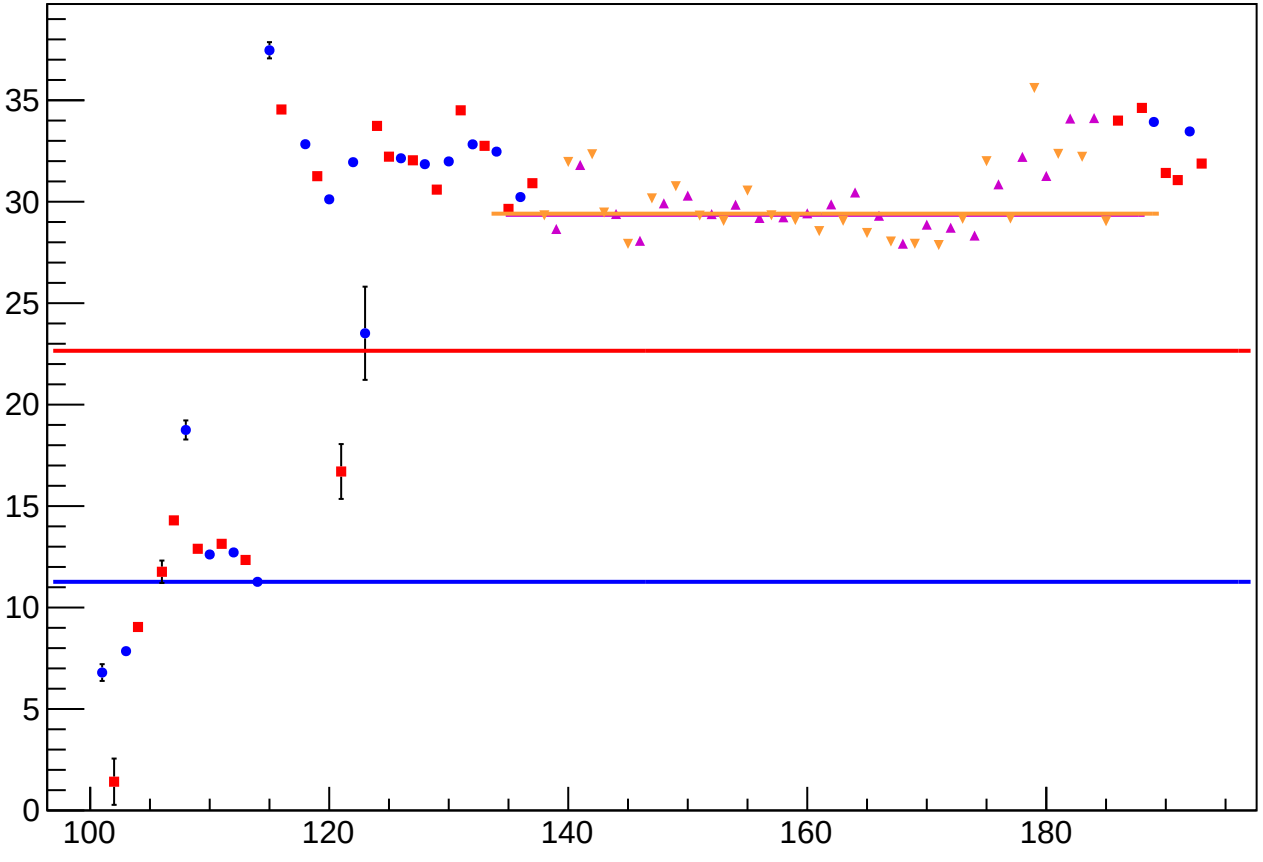
Right: -2.320+/-0.000 χ^2/NDF: 400013.8/41

In: -2.320+/-0.000 χ^2/NDF:3794479.2/41

Out: -6.698+/-0.002 χ^2/NDF:94561.6/47

All: -2.320+/-0.000 χ^2/NDF: 7184164.8/89

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 987334.3/18

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 22.654+/-0.017 χ^2/NDF: 373496.9/22

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

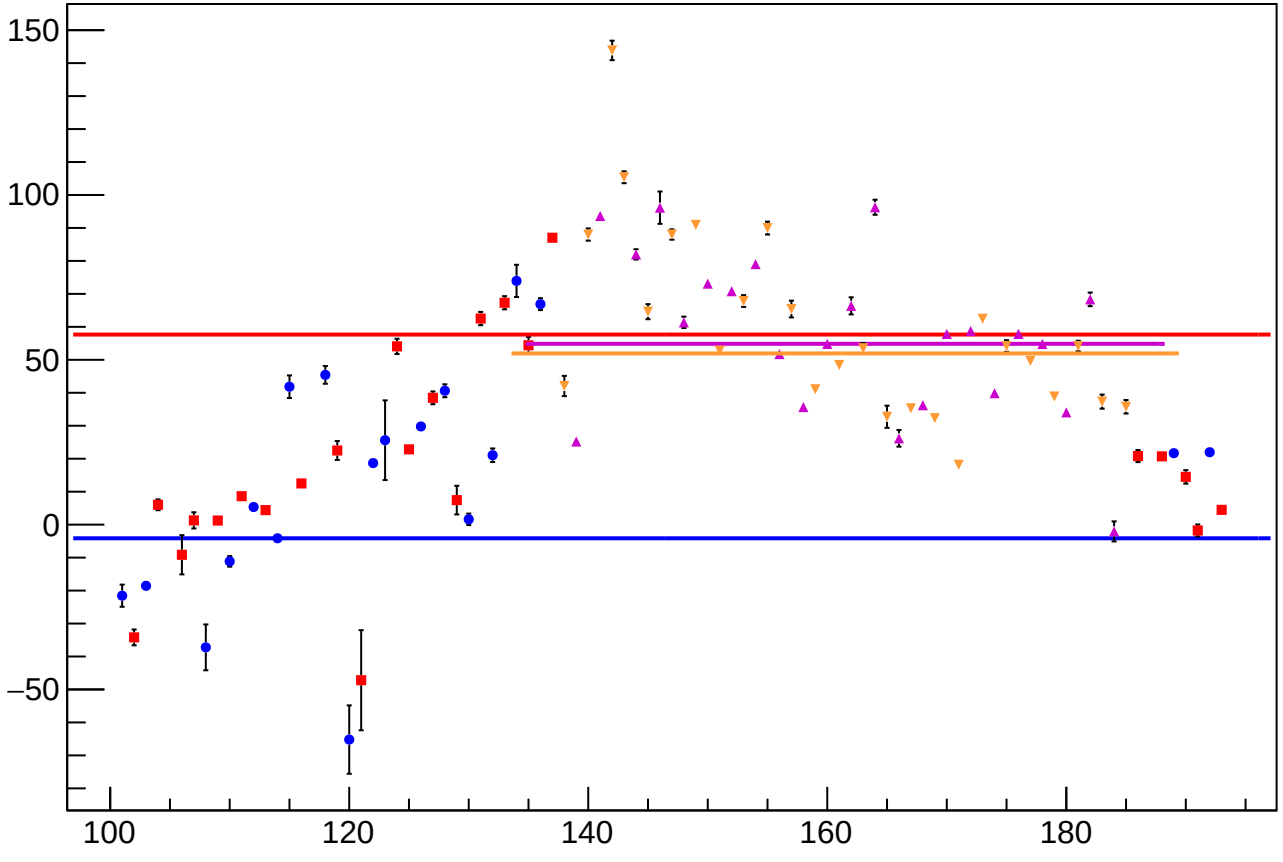
Right: 11.268+/-0.000 χ^2/NDF: 1830431.8/41

In: 11.268+/-0.000 χ^2/NDF:6266268.1/41

Out: 28.092+/-0.007 χ^2/NDF:550966.5/47

All: 11.268+/-0.000 χ^2/NDF: 12068990.6/89

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 5376.7/18

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 57.662+/-0.173 χ^2/NDF: 46546.7/22

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

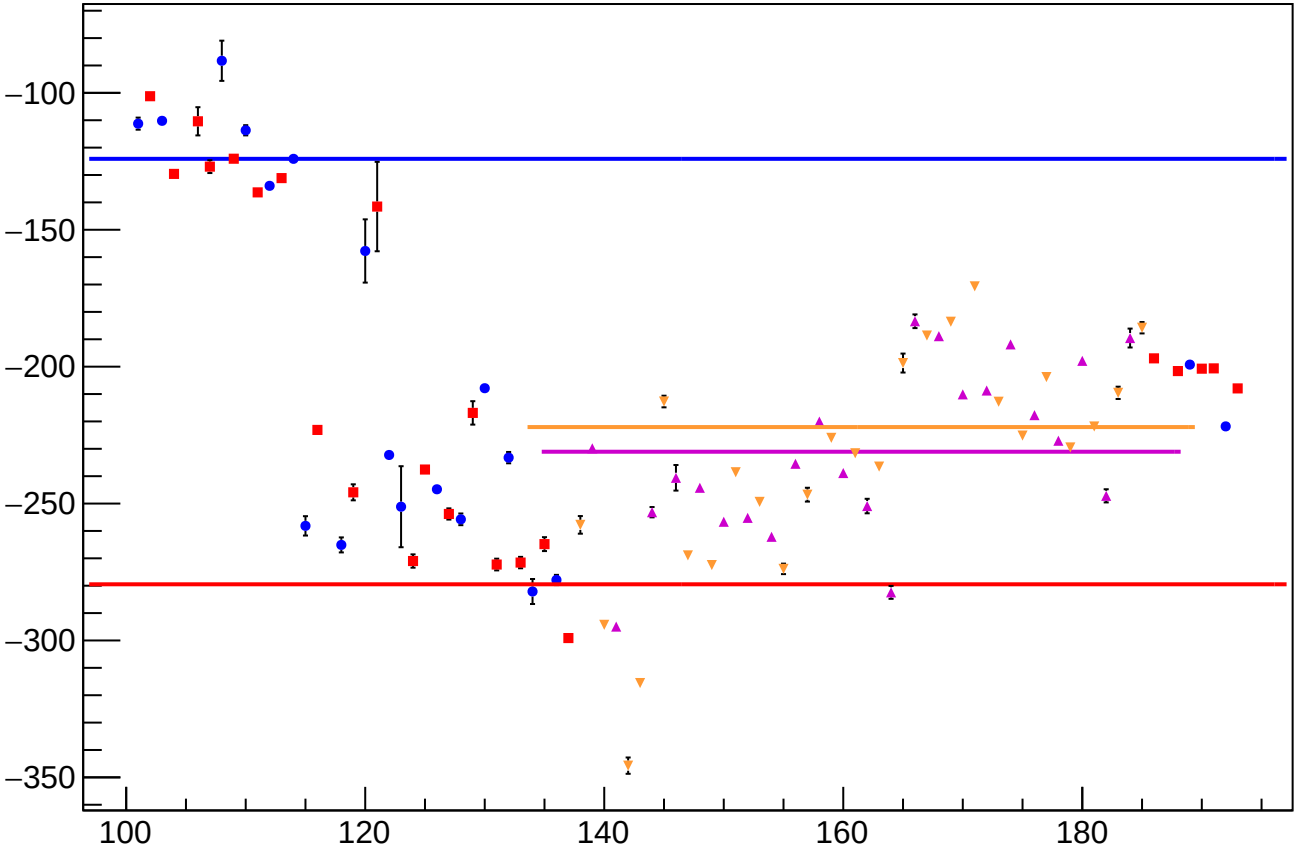
Right: -4.139+/-0.000 χ^2/NDF: 179150.8/41

In: -4.139+/-0.000 χ^2/NDF:68657.1/41

Out: 56.038+/-0.147 χ^2/NDF:53082.1/47

All: -4.139+/-0.000 χ^2/NDF: 290062.6/89

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 51609.4/18

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -279.485+/-0.112 χ^2/NDF: 163357.8/22

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

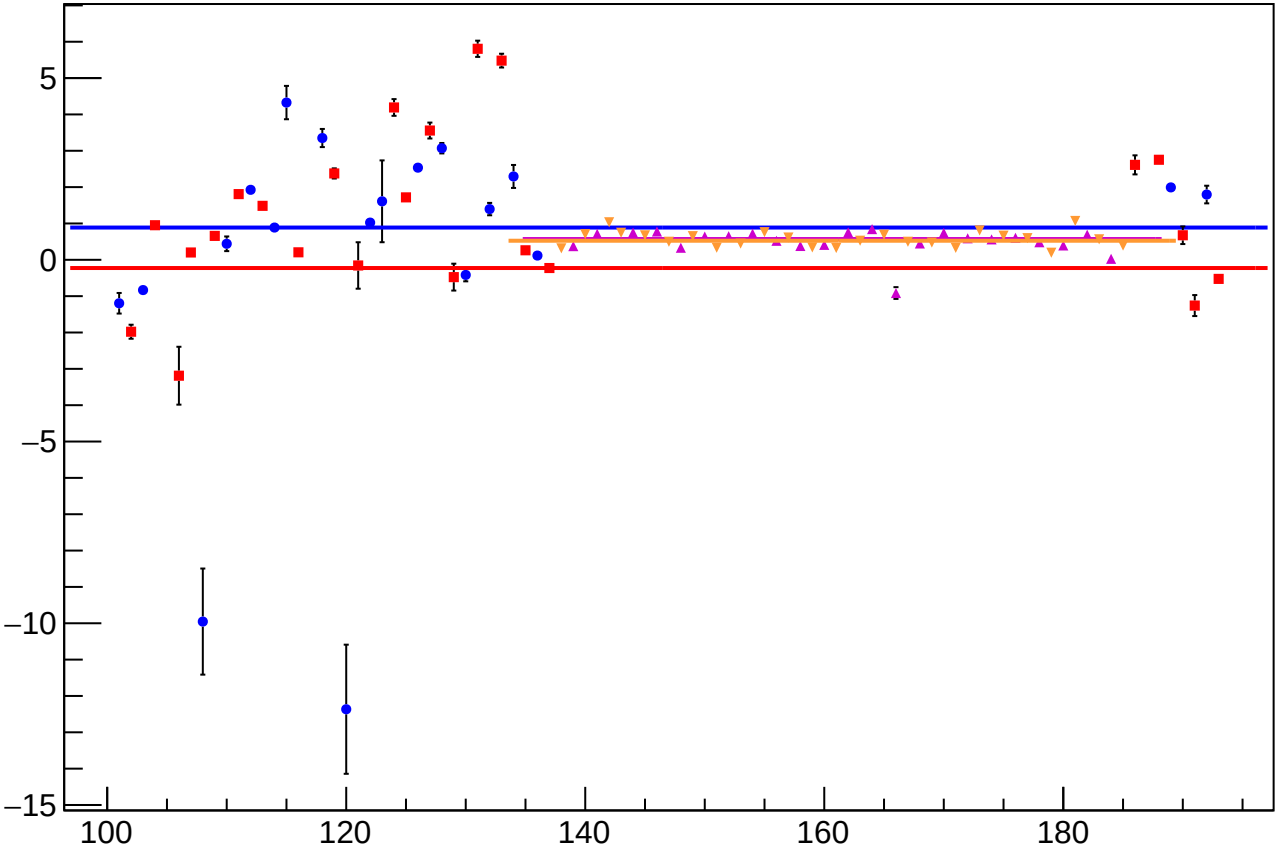
Right: -124.095+/-0.000 χ^2/NDF: 2128927.3/41

In: -124.095+/-0.000 χ^2/NDF:247488.3/41

Out: -271.130+/-0.104 χ^2/NDF:217200.6/47

All: -124.095+/-0.000 χ^2/NDF: 2470172.7/89

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8775.4/18

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 6112.4/22

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

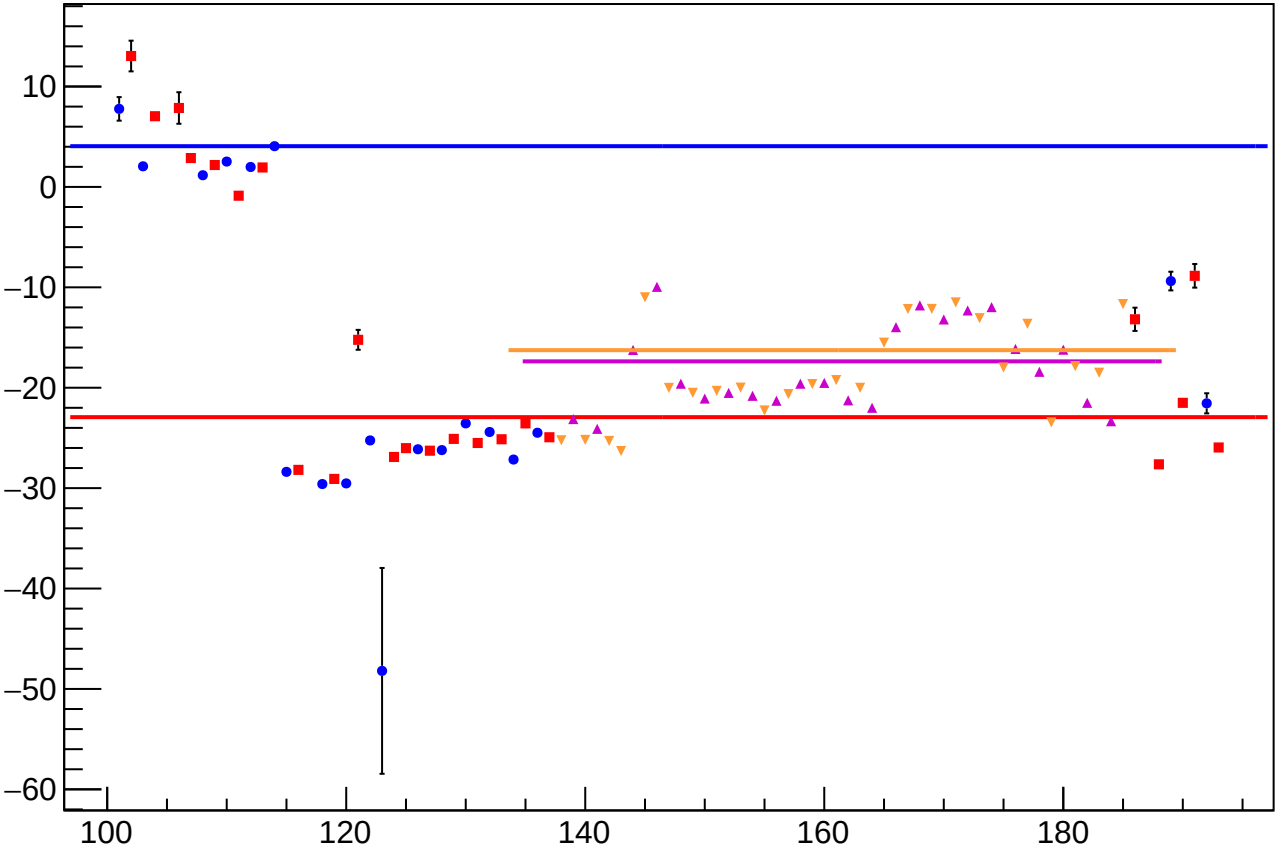
Right: 0.888+/-0.000 χ^2/NDF: 422221749.3/41

In: 0.888+/-0.000 χ^2/NDF:39804.9/41

Out: -0.225+/-0.000 χ^2/NDF:153842.5/47

All: 0.888+/-0.000 χ^2/NDF: 422294326.0/89

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1248749.7/18

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.930+/-0.026 χ^2/NDF: 116531.9/22

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

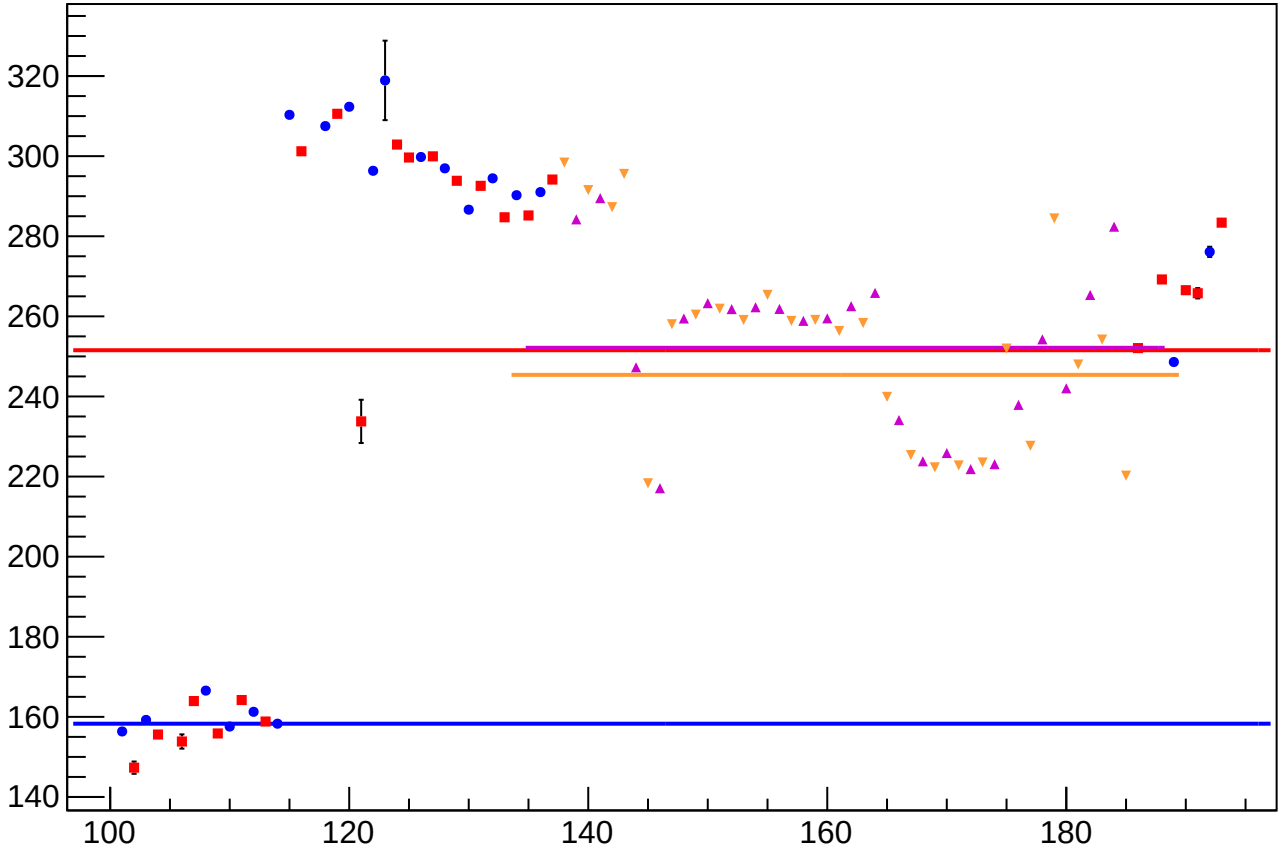
Right: 4.057+/-0.000 χ^2/NDF: 2423898.5/41

In: 4.057+/-0.000 χ^2/NDF:6648503.0/41

Out: -17.109+/-0.009 χ^2/NDF:361486.8/47

All: 4.057+/-0.000 χ^2/NDF: 12128061.8/89

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2436818.1/18

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 251.541+/-0.067 χ^2/NDF: 932705.3/22

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

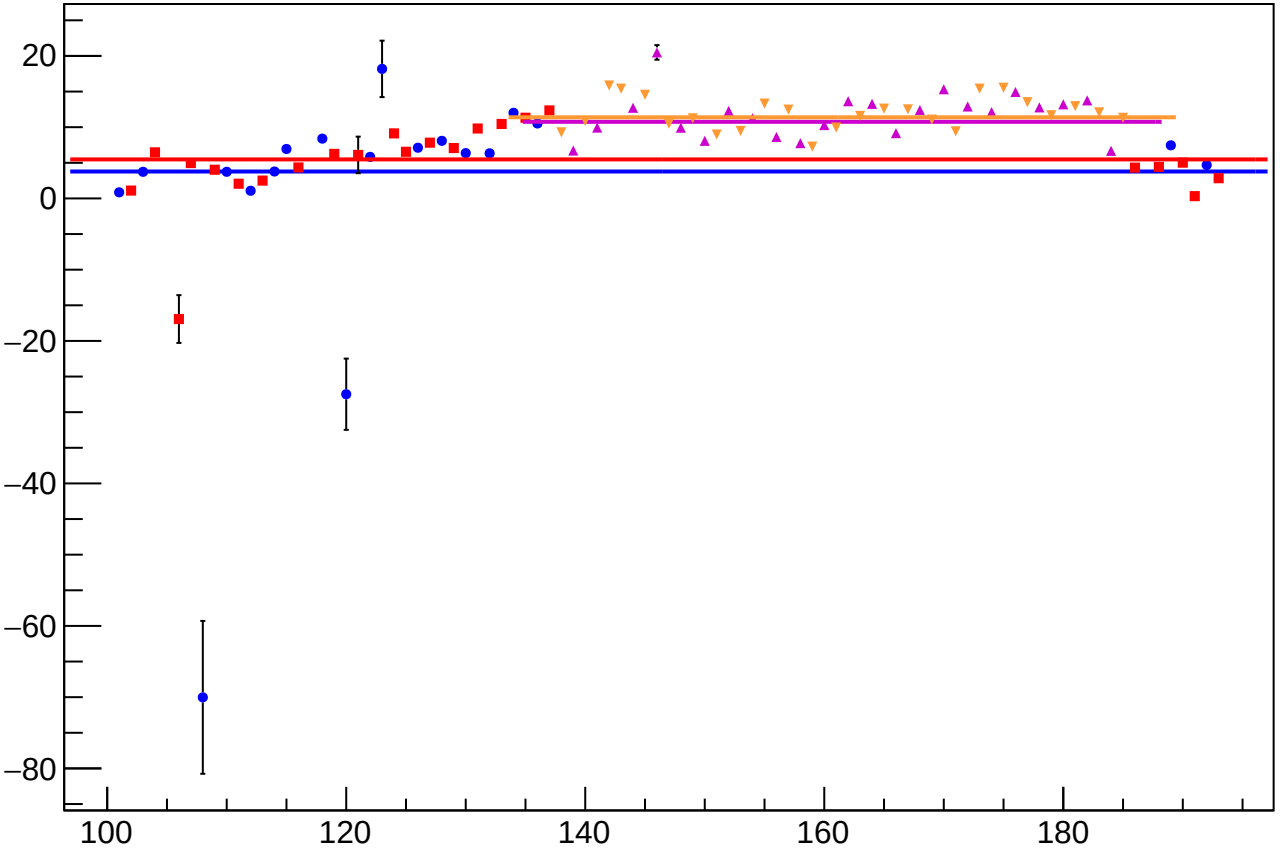
Right: 158.293+/-0.000 χ^2/NDF: 5332371.0/41

In: 158.293+/-0.000 χ^2/NDF:13759870.6/41

Out: 246.280+/-0.025 χ^2/NDF:1663574.6/47

All: 158.293+/-0.000 χ^2/NDF: 27509588.2/89

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 7114.4/18

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.477+/-0.023 χ^2/NDF: 19497.1/22

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

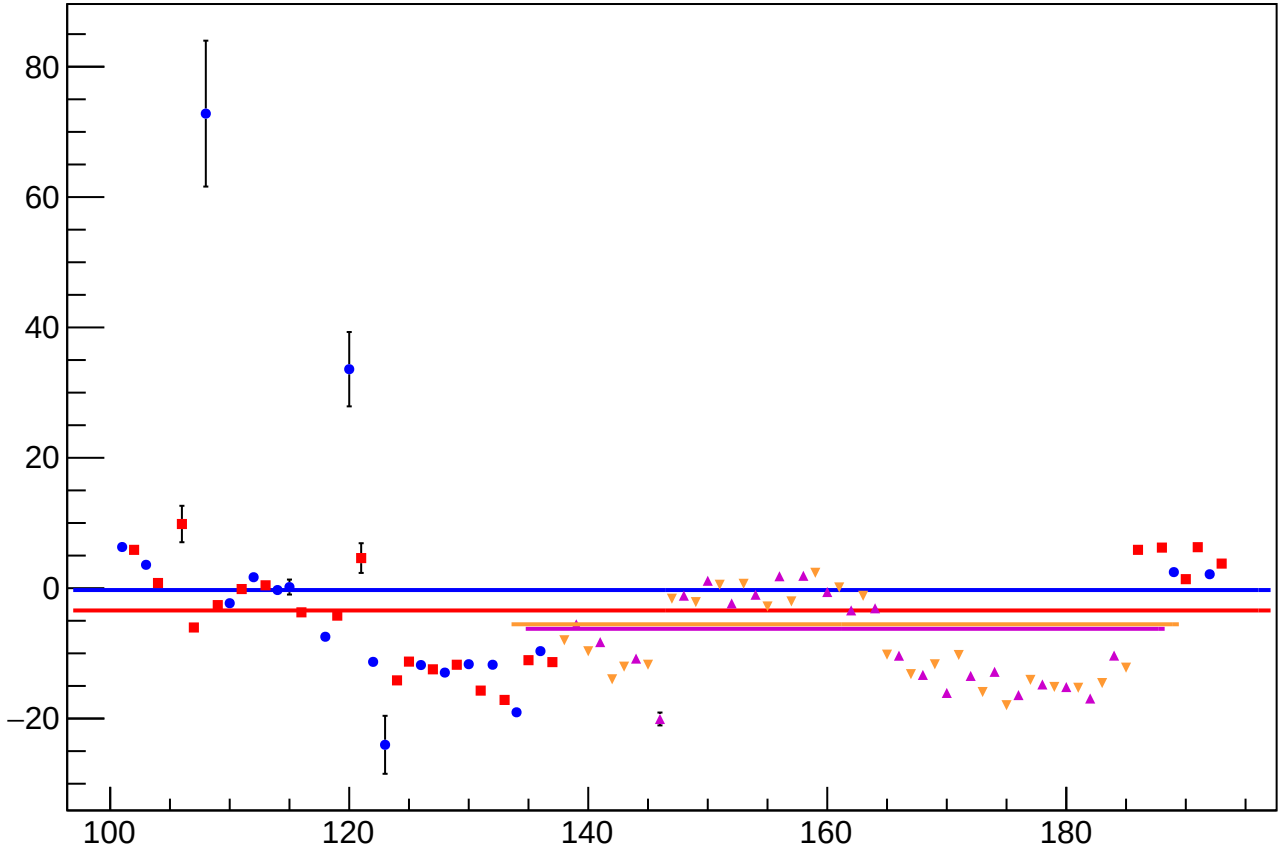
Right: 3.778+/-0.000 χ^2/NDF: 31997.5/41

In: 3.778+/-0.000 χ^2/NDF:80399.3/41

Out: 7.675+/-0.018 χ^2/NDF:48054.2/47

All: 3.778+/-0.000 χ^2/NDF: 173574.7/89

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44560.2/18

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -3.420+/-0.024 χ^2/NDF: 97286.9/22

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

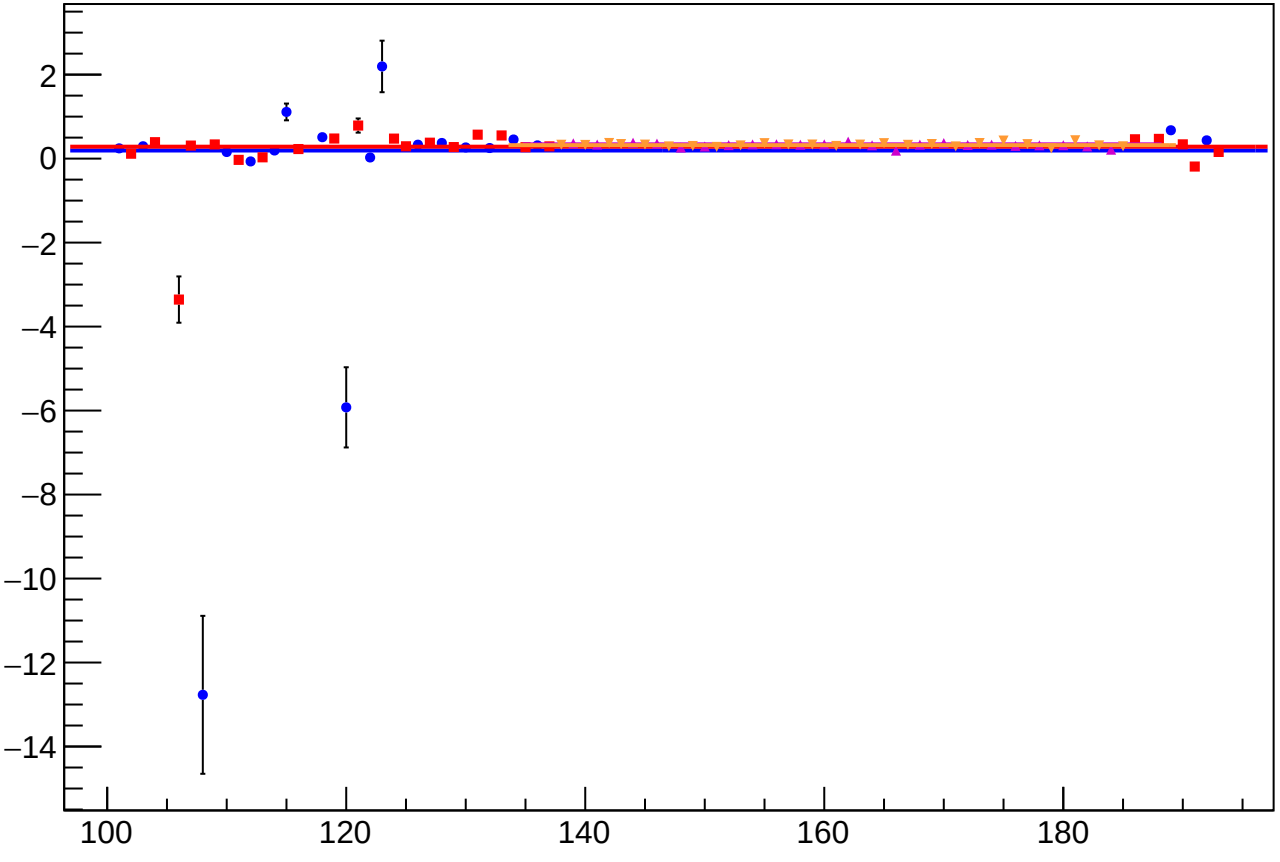
Right: -0.287+/-0.000 χ^2/NDF: 158979.9/41

In: -0.287+/-0.000 χ^2/NDF:146278.1/41

Out: -4.241+/-0.019 χ^2/NDF:143762.6/47

All: -0.287+/-0.000 χ^2/NDF: 334579.9/89

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10598.8/18

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.284+/-0.001 χ^2/NDF: 6826.5/22

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

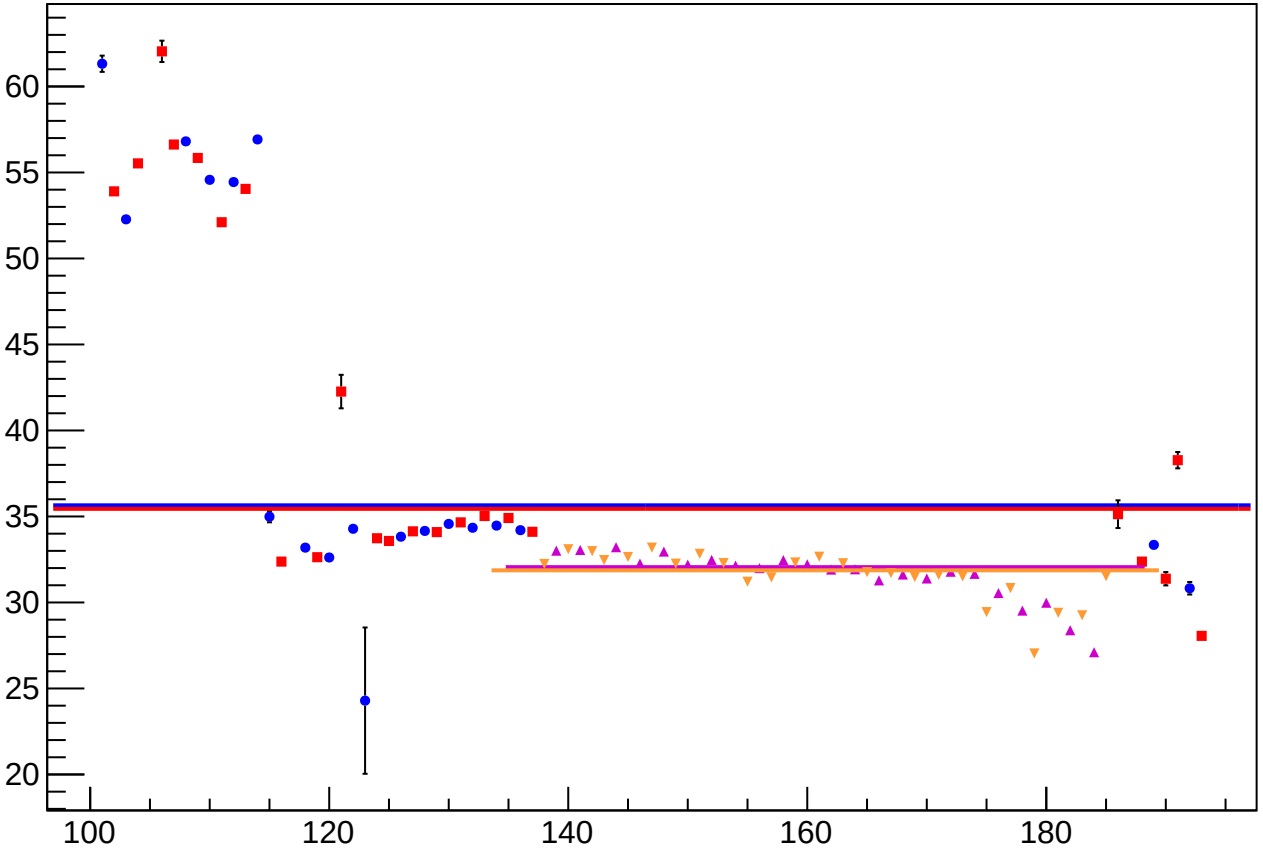
Right: 0.193+/-0.000 χ^2/NDF: 21388.6/41

In: 0.193+/-0.000 χ^2/NDF:91367.9/41

Out: 0.316+/-0.000 χ^2/NDF:10766.7/47

All: 0.193+/-0.000 χ^2/NDF: 168748.8/89

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.648+/-0.011 χ^2/NDF: 219035.7/18

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.444+/-0.011 χ^2/NDF: 267862.0/22

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

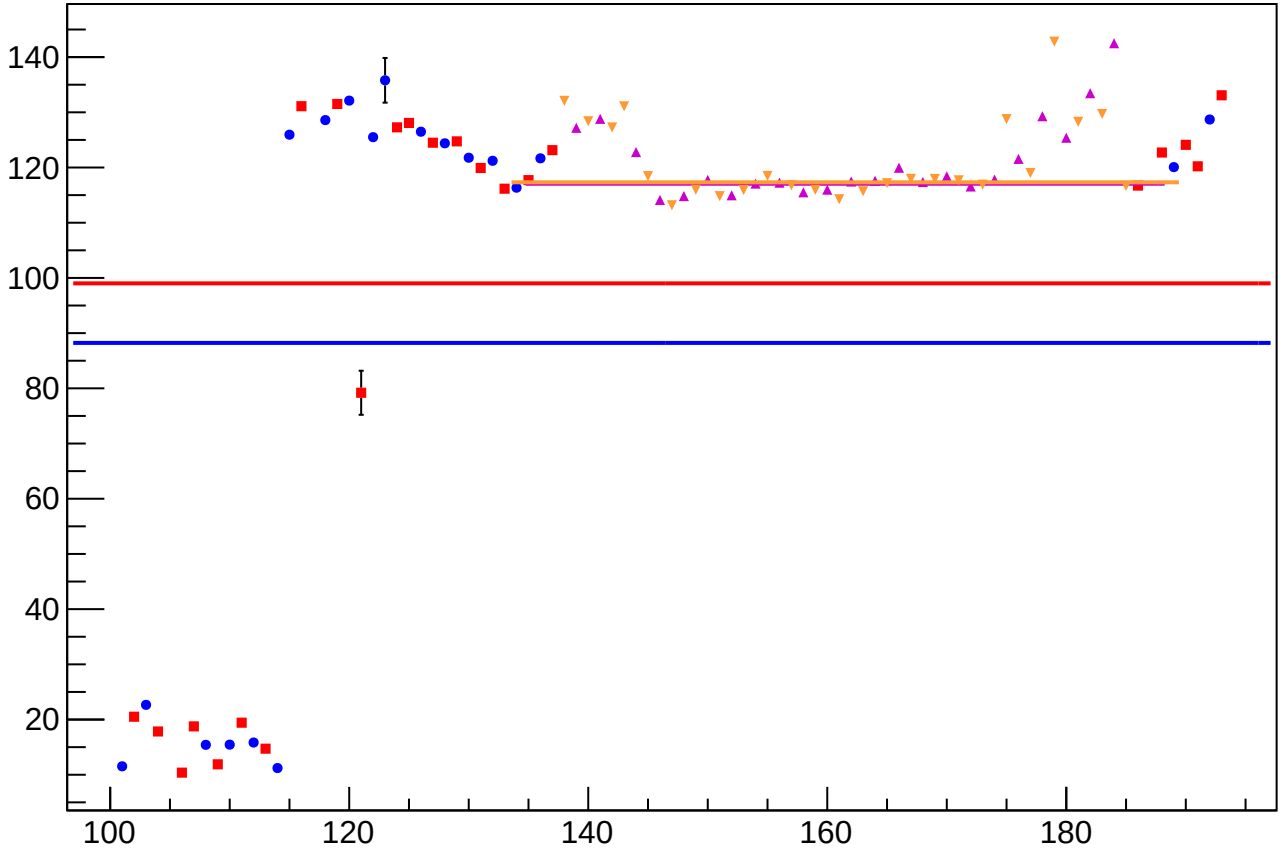
Right: 35.540+/-0.008 χ^2/NDF: 487069.3/41

In: 32.353+/-0.003 χ^2/NDF:343738.9/41

Out: 32.149+/-0.003 χ^2/NDF:433135.5/47

All: 32.242+/-0.002 χ^2/NDF: 778978.7/89

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 88.229+/-0.031 χ^2/NDF: 2467925.5/18

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 99.017+/-0.027 χ^2/NDF: 3159559.7/22

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

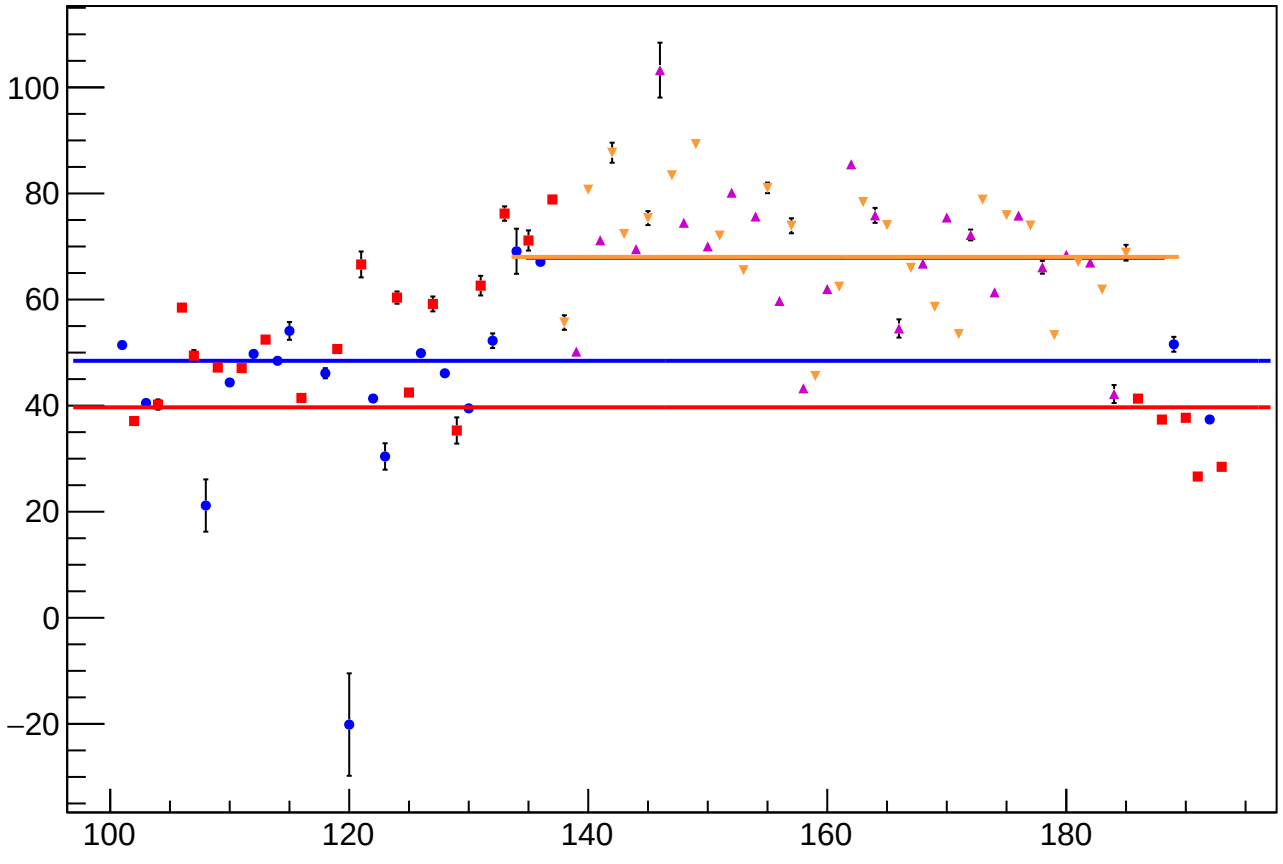
Right: 94.372+/-0.020 χ^2/NDF: 5695546.8/41

In: 114.932+/-0.008 χ^2/NDF:3321529.7/41

Out: 115.911+/-0.008 χ^2/NDF:3752370.9/47

All: 115.479+/-0.006 χ^2/NDF: 7081346.2/89

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 3087.7/18

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 39.683+/-0.101 χ^2/NDF: 12650.9/22

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

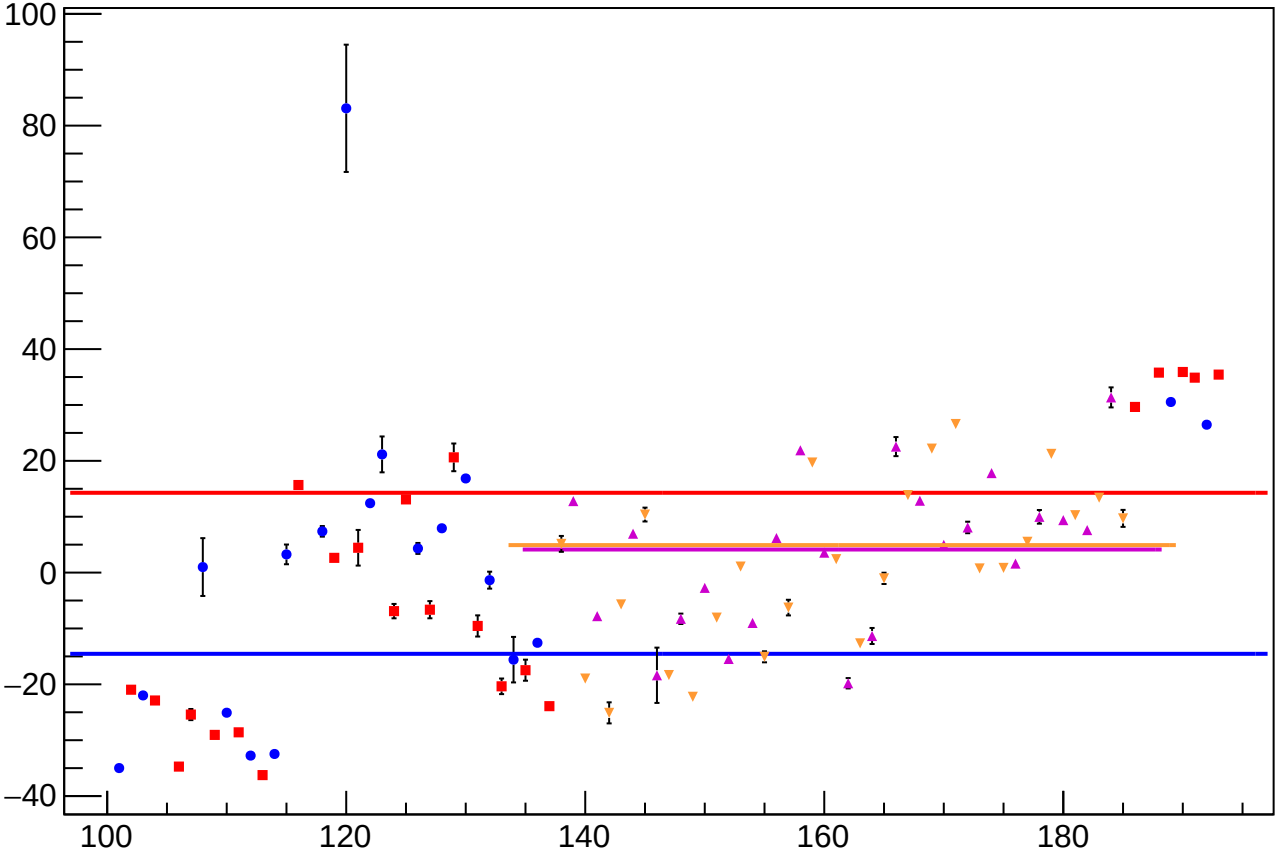
Right: 48.450+/-0.000 χ^2/NDF: 23292.9/41

In: 48.450+/-0.000 χ^2/NDF:32463.2/41

Out: 50.113+/-0.080 χ^2/NDF:48396.8/47

All: 48.450+/-0.000 χ^2/NDF: 81290.2/89

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -14.539+/-0.142 χ^2/NDF: 20859.7/18

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 14.283+/-0.090 χ^2/NDF: 90186.0/22

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

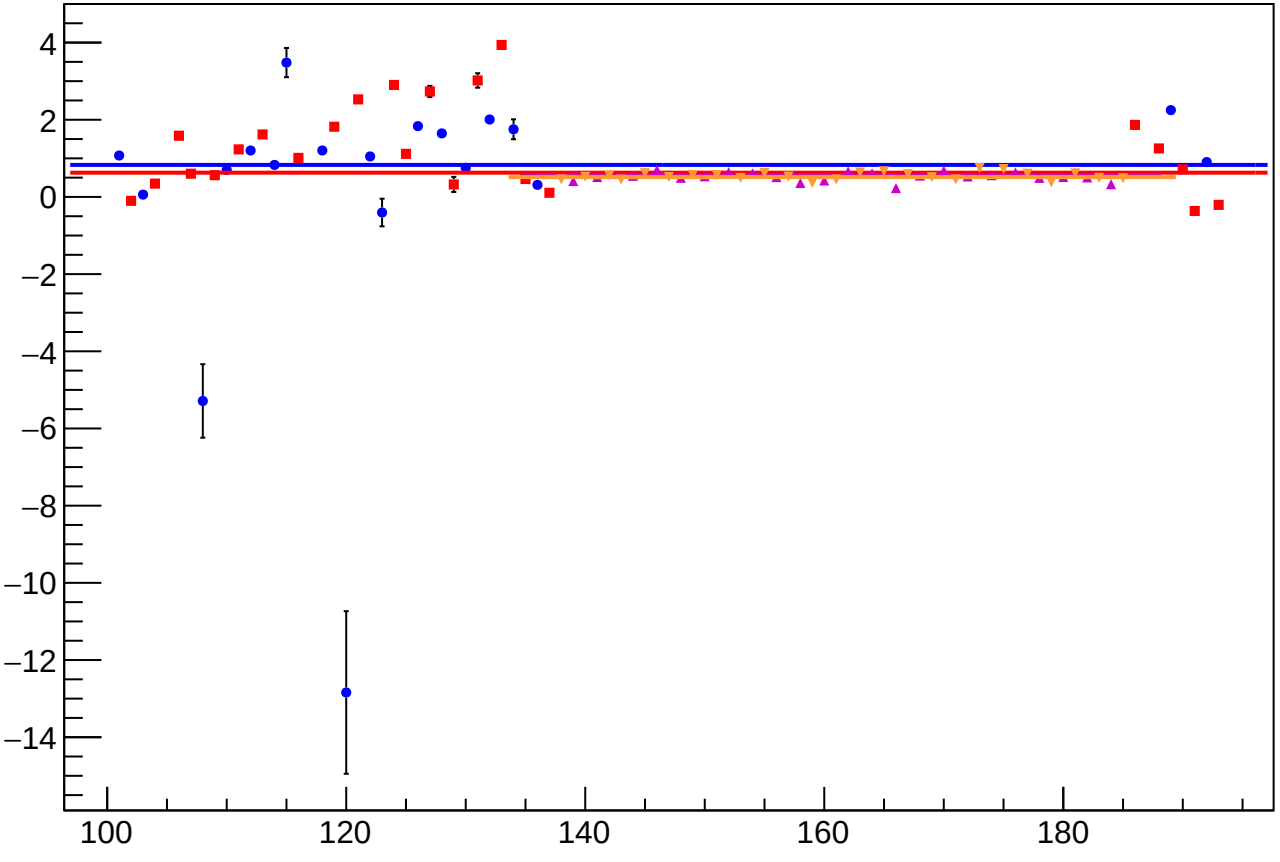
Right: 5.952+/-0.076 χ^2/NDF: 140527.4/41

In: -4.191+/-0.094 χ^2/NDF:36663.7/41

Out: 11.307+/-0.075 χ^2/NDF:103986.1/47

All: 5.362+/-0.059 χ^2/NDF: 157233.1/89

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 15203.0/18

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.629+/-0.006 χ^2/NDF: 8885.3/22

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

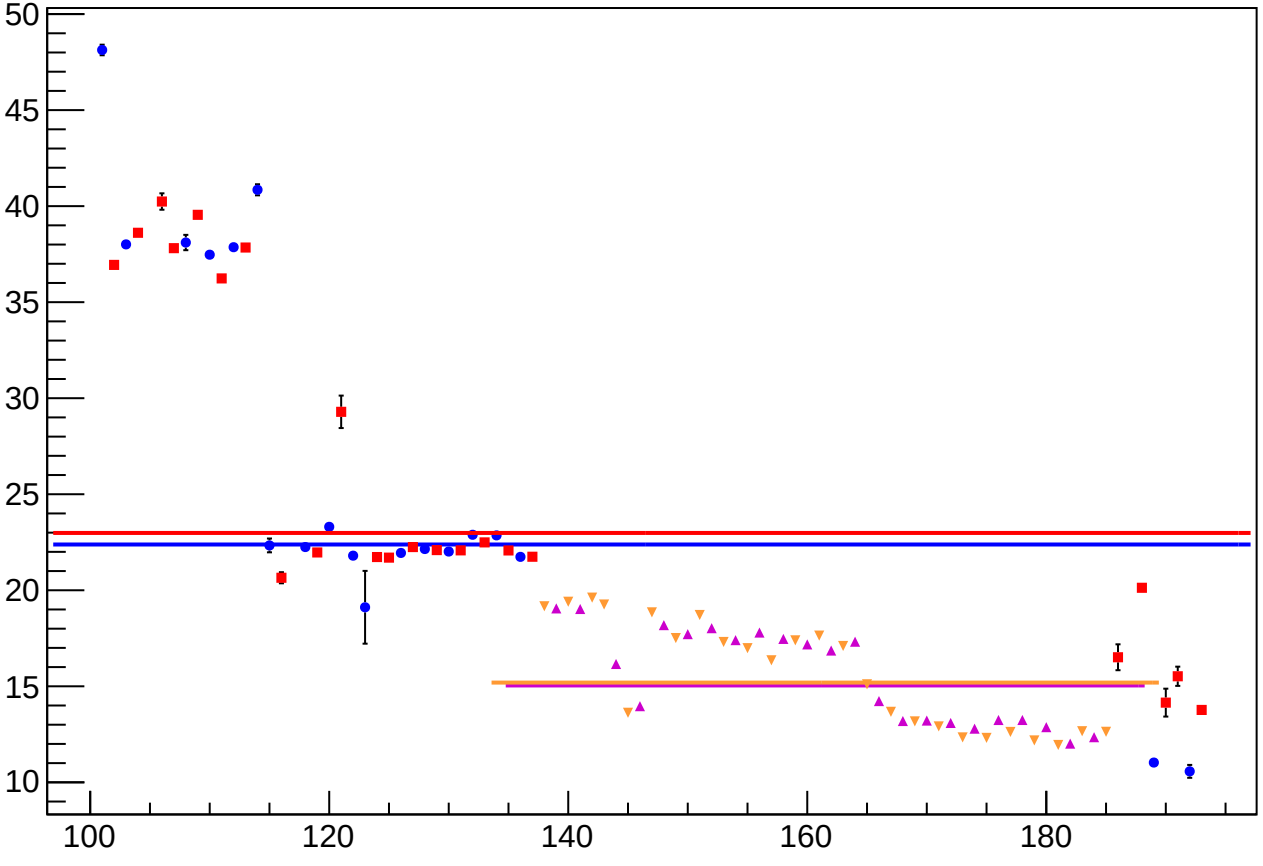
Right: 0.830+/-0.000 χ^2/NDF: 25238.4/41

In: 0.830+/-0.000 χ^2/NDF:142207.4/41

Out: 0.516+/-0.001 χ^2/NDF:24462.2/47

All: 0.830+/-0.000 χ^2/NDF: 275654.7/89

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.383+/-0.009 χ^2/NDF: 126757.5/18

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.984+/-0.009 χ^2/NDF: 165335.3/22

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

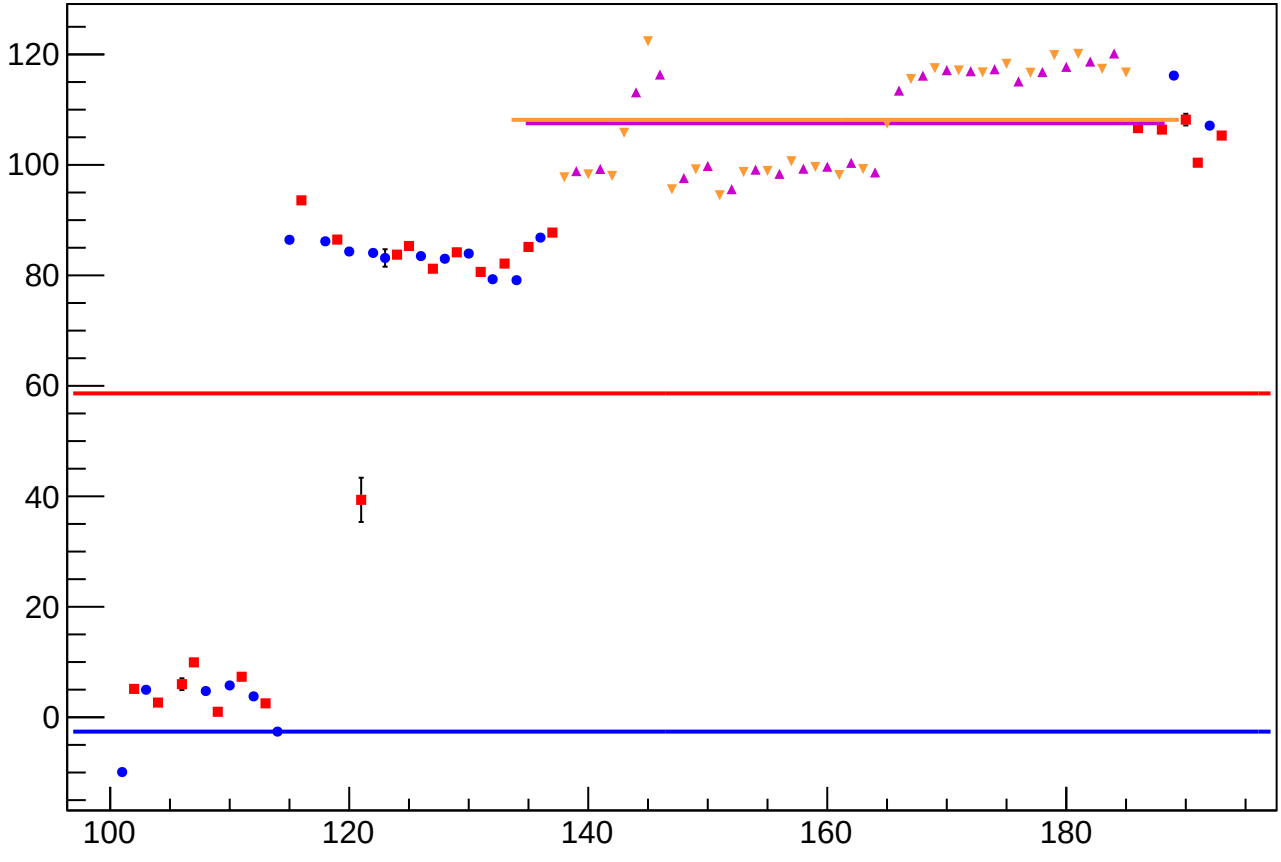
Right: 22.691+/-0.006 χ^2/NDF: 294257.8/41

In: 16.510+/-0.004 χ^2/NDF:916837.6/41

Out: 16.616+/-0.004 χ^2/NDF:1190702.5/47

All: 16.567+/-0.003 χ^2/NDF: 2107891.4/89

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7868227.6/18

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 58.633+/-0.032 χ^2/NDF: 1521888.9/22

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

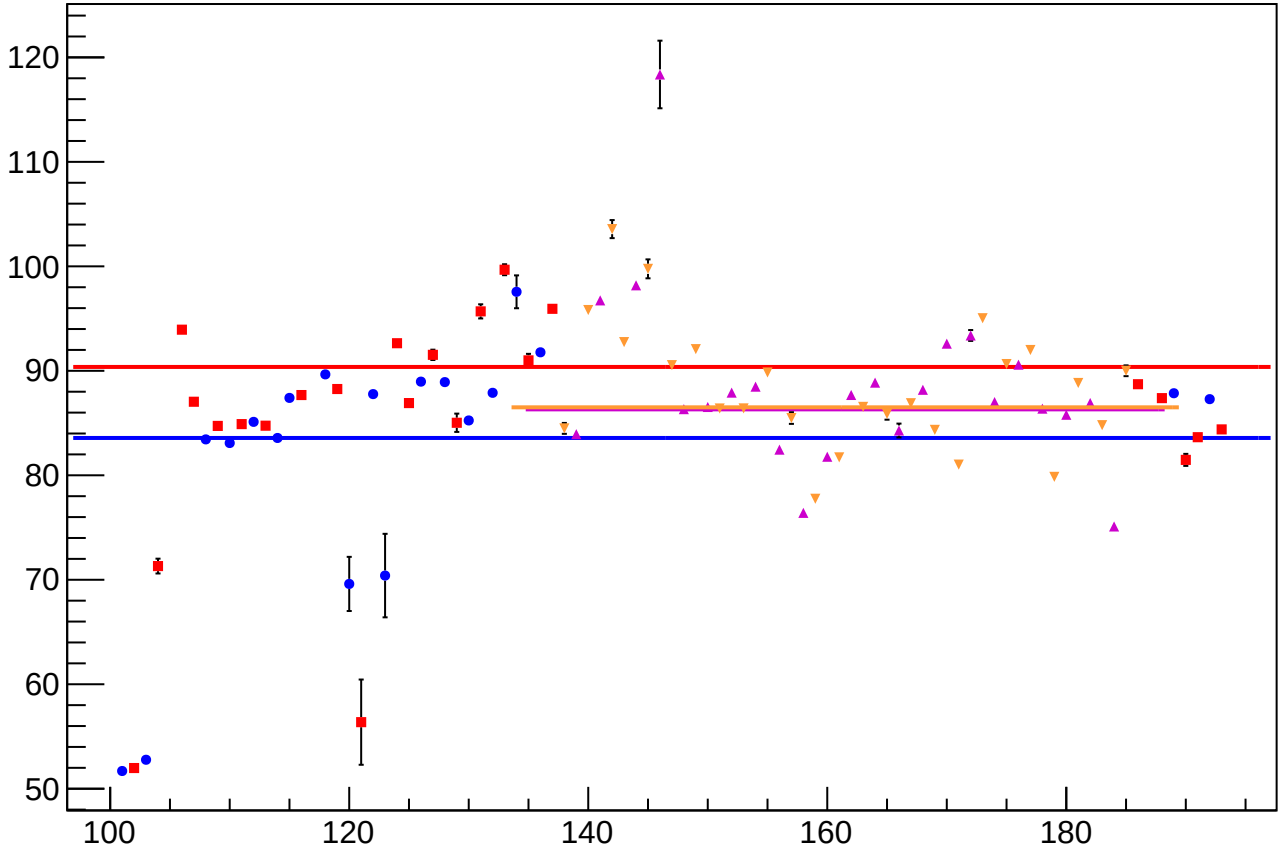
Right: -2.596+/-0.000 χ^2/NDF: 13117050.8/41

In: -2.596+/-0.000 χ^2/NDF:148424223.7/41

Out: 104.238+/-0.009 χ^2/NDF:4844217.6/47

All: -2.596+/-0.000 χ^2/NDF: 296461029.2/89

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 50046.2/18

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 90.371+/-0.022 χ^2/NDF: 73222.3/22

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

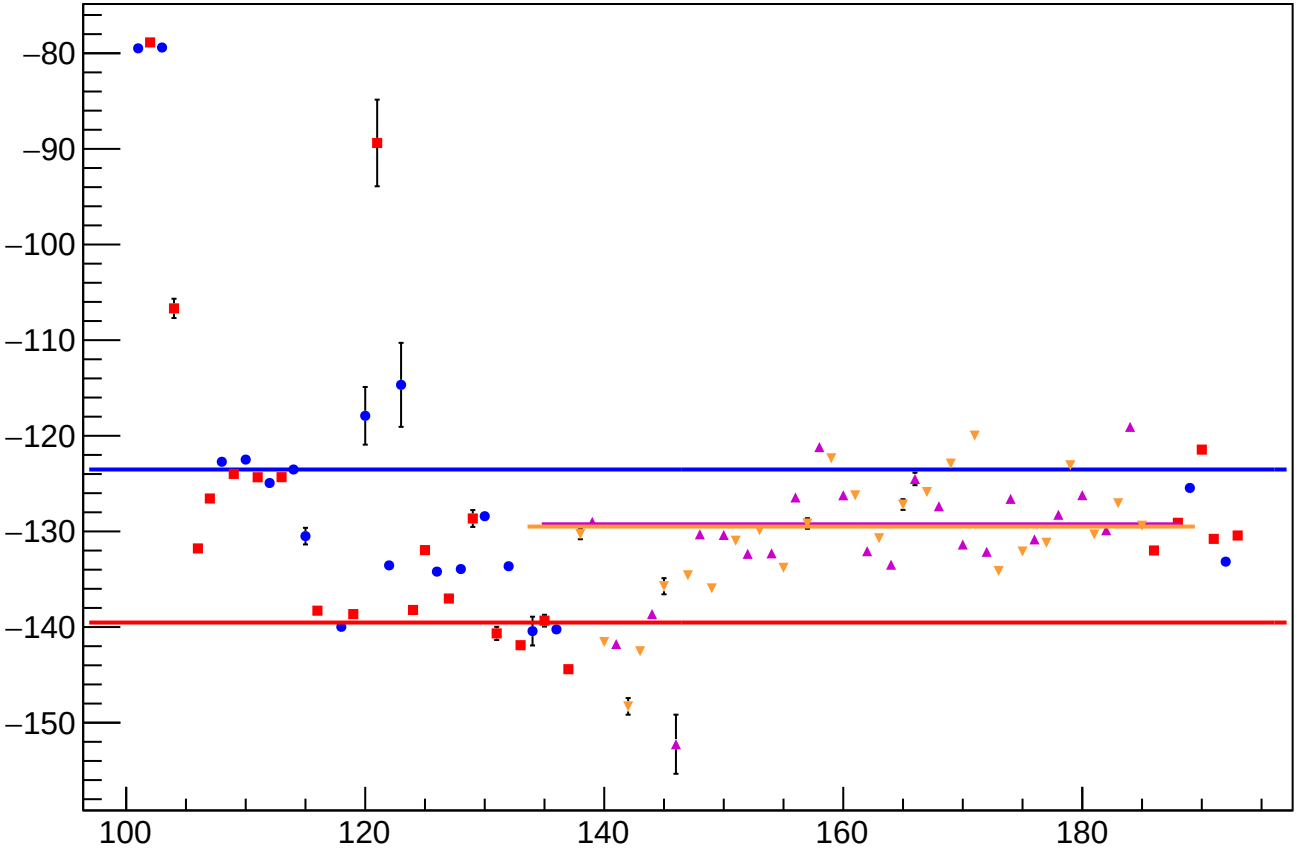
Right: 83.573+/-0.000 χ^2/NDF: 220774.7/41

In: 83.573+/-0.000 χ^2/NDF:61544.8/41

Out: 89.920+/-0.020 χ^2/NDF:85452.9/47

All: 83.573+/-0.000 χ^2/NDF: 243220.5/89

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 162821.1/18

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -139.527+/-0.017 χ^2/NDF: 274816.3/22

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

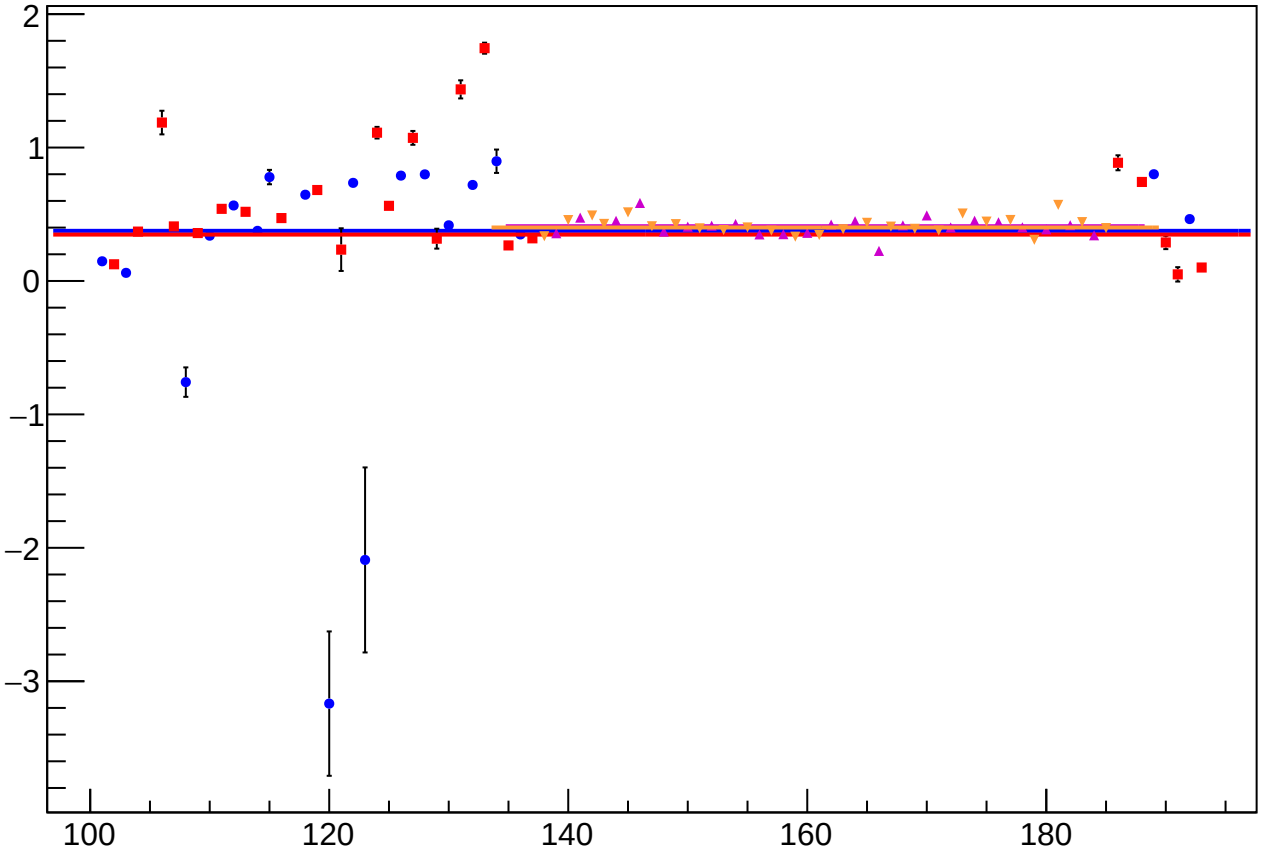
Right: -123.524+/-0.000 χ^2/NDF: 1296142.9/41

In: -123.524+/-0.000 χ^2/NDF:181742.2/41

Out: -138.740+/-0.017 χ^2/NDF:312065.1/47

All: -123.524+/-0.000 χ^2/NDF: 1335999.0/89

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 4114.4/18

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.348+/-0.001 χ^2/NDF: 6094.9/22

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

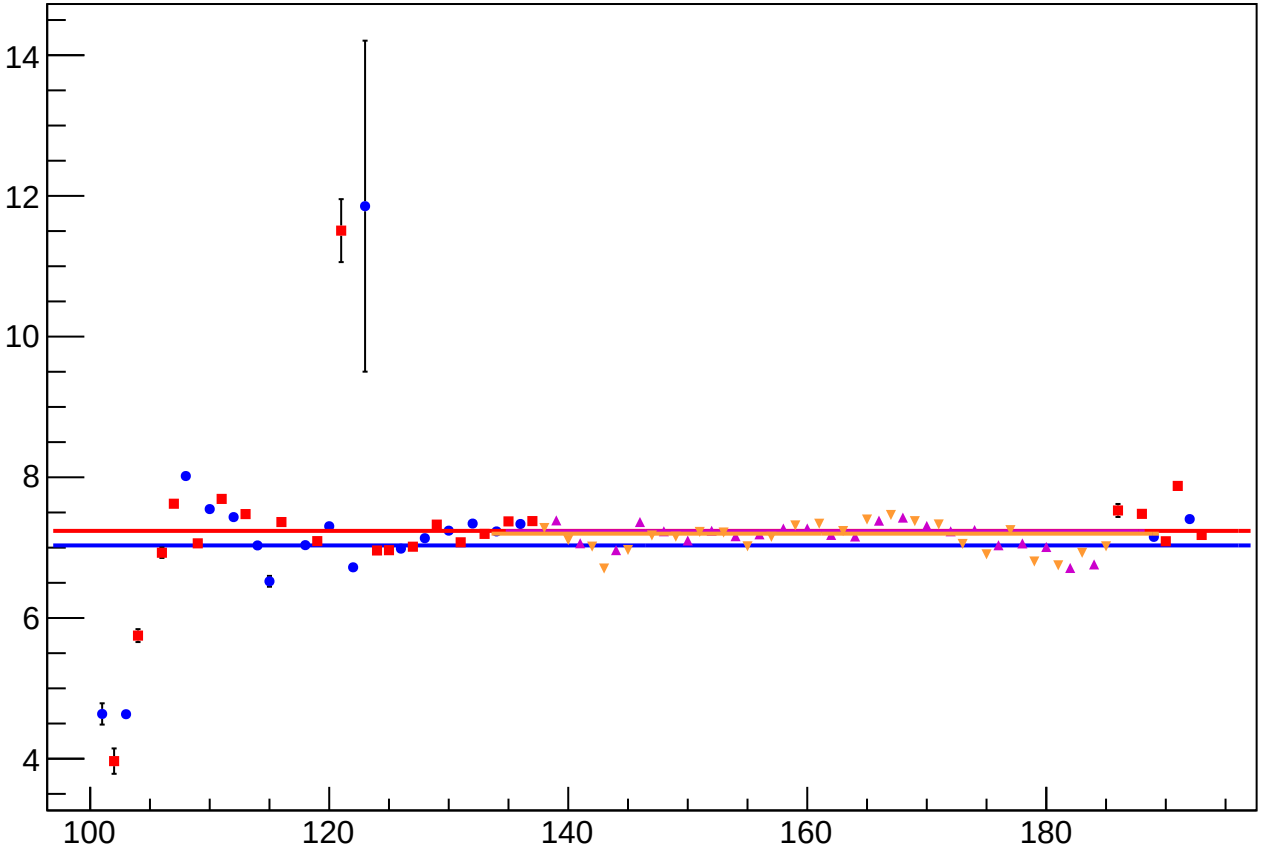
Right: 0.376+/-0.000 χ^2/NDF: 10572.1/41

In: 0.376+/-0.000 χ^2/NDF:18485.4/41

Out: 0.395+/-0.000 χ^2/NDF:16287.9/47

All: 0.376+/-0.000 χ^2/NDF: 36483.6/89

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19951.1/18

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.238+/-0.002 χ^2/NDF: 8645.9/22

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

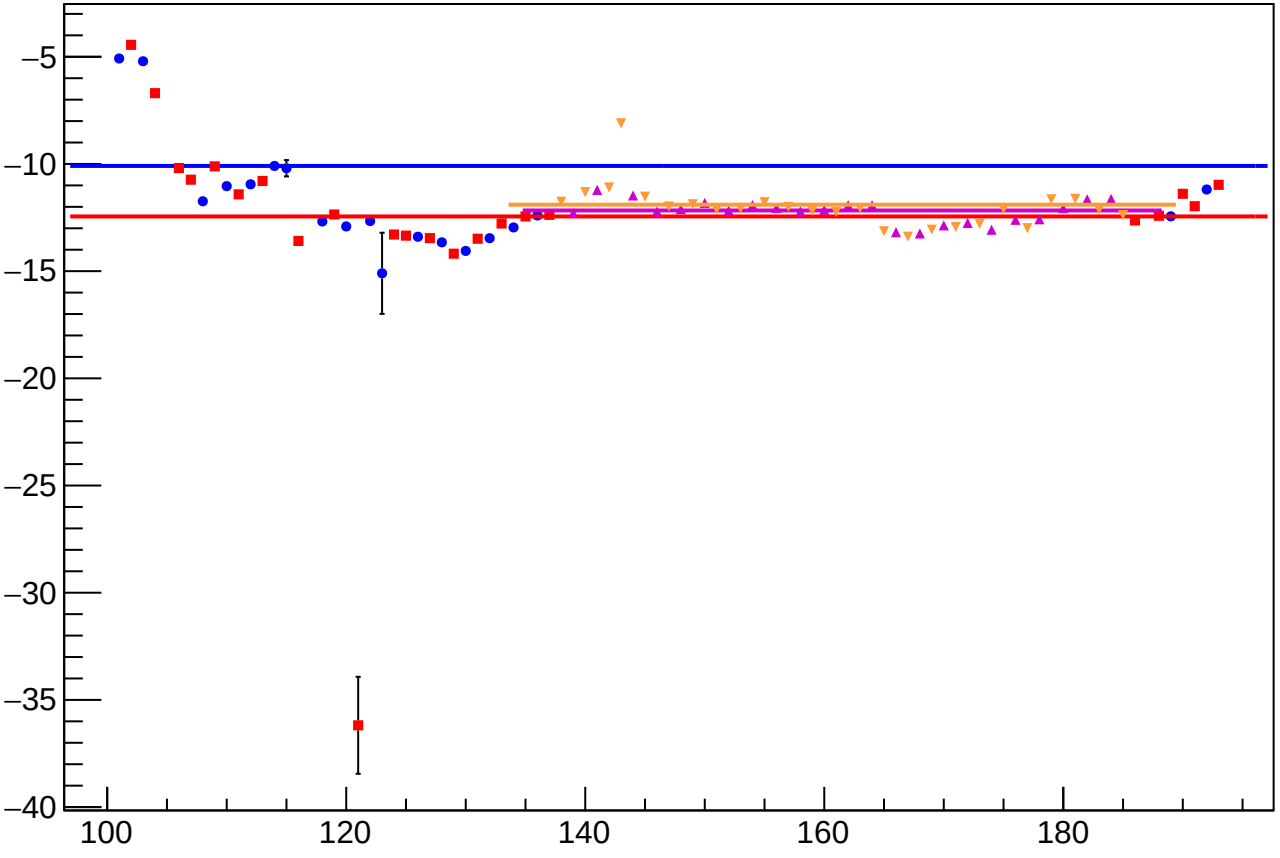
Right: 7.032+/-0.000 χ^2/NDF: 36385.8/41

In: 7.032+/-0.000 χ^2/NDF:101797.4/41

Out: 7.204+/-0.001 χ^2/NDF:46348.6/47

All: 7.032+/-0.000 χ^2/NDF: 190036.8/89

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 545965.9/18

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.448+/-0.004 χ^2/NDF: 106645.0/22

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

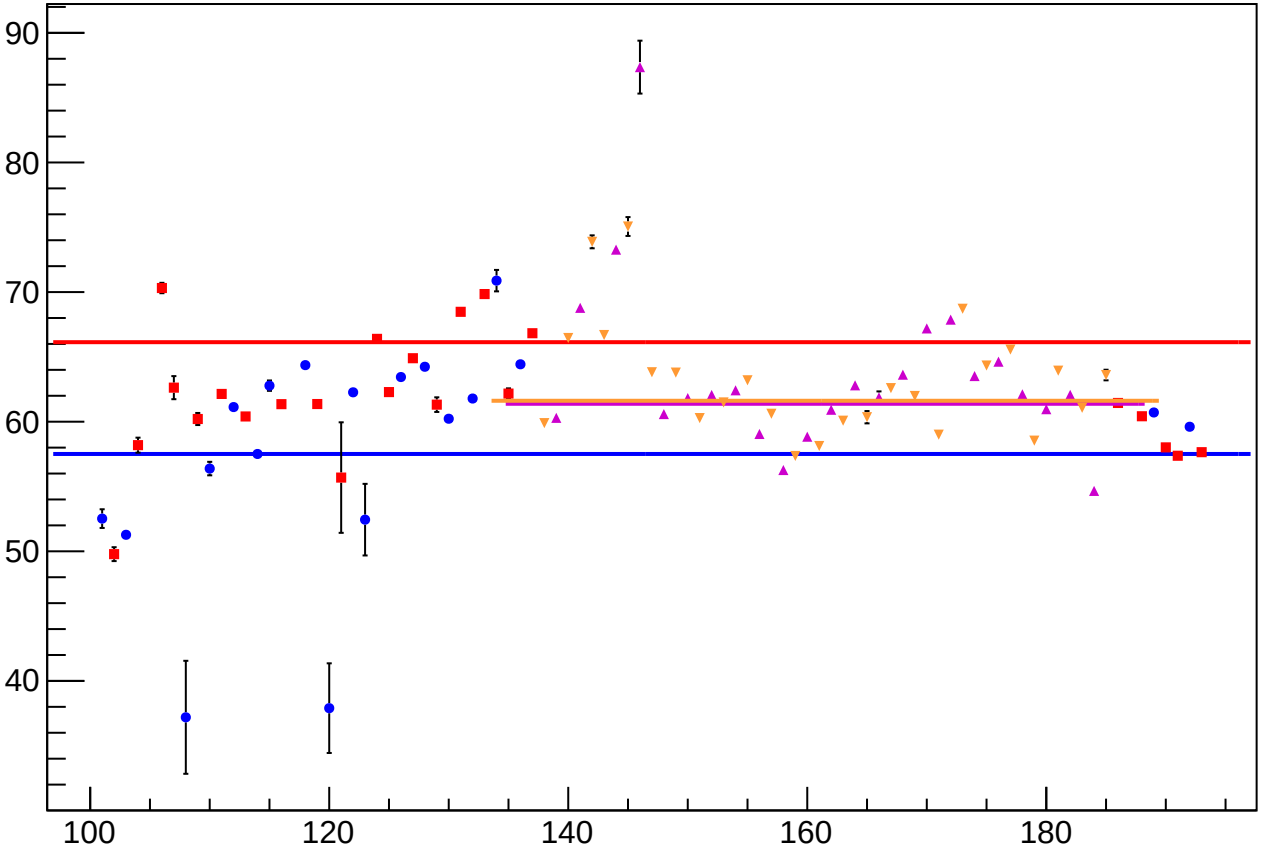
Right: -10.092+/-0.000 χ^2/NDF: 1085530.4/41

In: -10.092+/-0.000 χ^2/NDF:2078381.6/41

Out: -11.999+/-0.002 χ^2/NDF:624703.6/47

All: -10.092+/-0.000 χ^2/NDF: 4259909.7/89

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 9257.2/18

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 66.135+/-0.013 χ^2/NDF: 31553.0/22

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

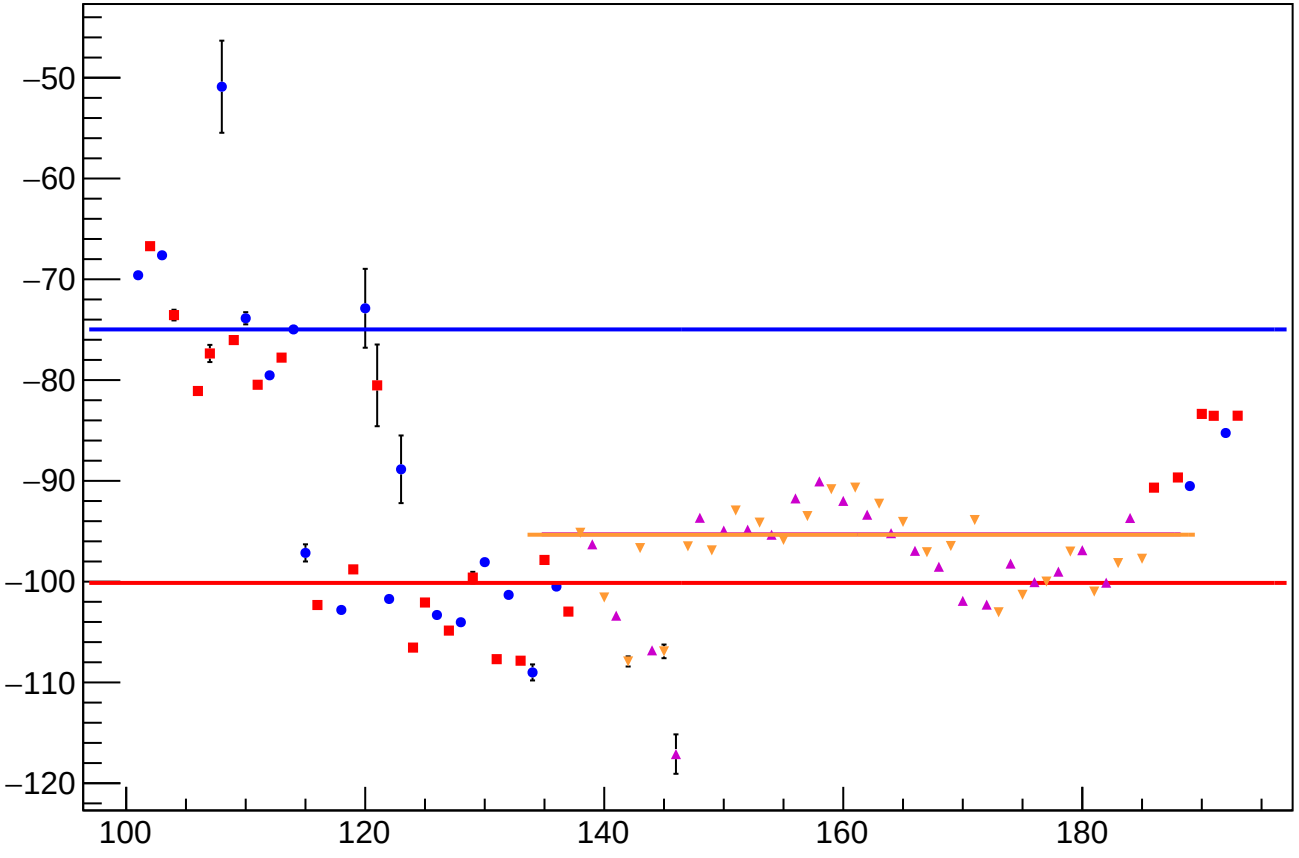
Right: 57.510+/-0.000 χ^2/NDF: 506564.1/41

In: 57.510+/-0.000 χ^2/NDF:32309.9/41

Out: 65.703+/-0.012 χ^2/NDF:51525.4/47

All: 57.510+/-0.000 χ^2/NDF: 548514.5/89

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 148262.6/18

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -100.125+/-0.016 χ^2/NDF: 169850.9/22

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

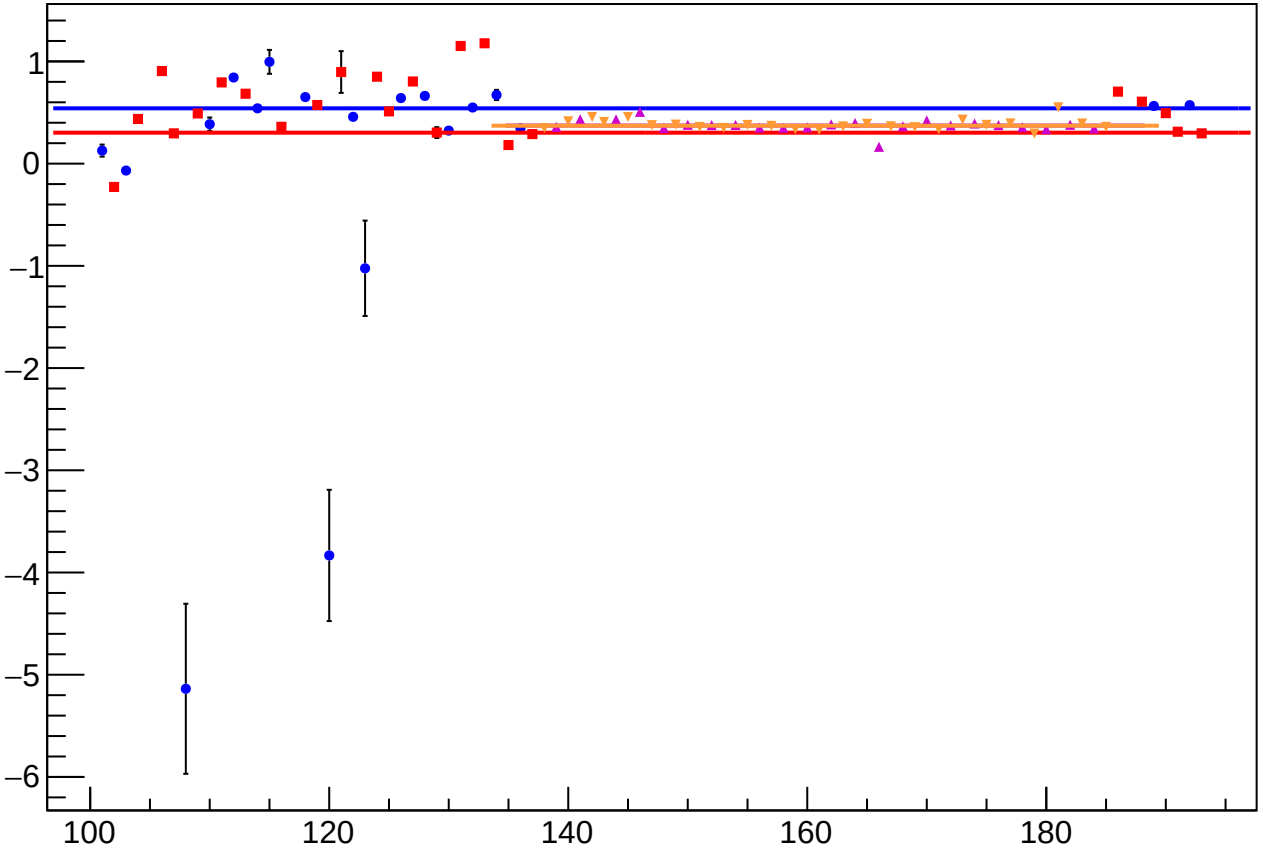
Right: -74.974+/-0.000 χ^2/NDF: 2643358.4/41

In: -74.974+/-0.000 χ^2/NDF:534486.1/41

Out: -99.390+/-0.015 χ^2/NDF:192163.1/47

All: -74.974+/-0.000 χ^2/NDF: 3315930.7/89

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29183.6/18

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.303+/-0.001 χ^2/NDF: 10845.1/22

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

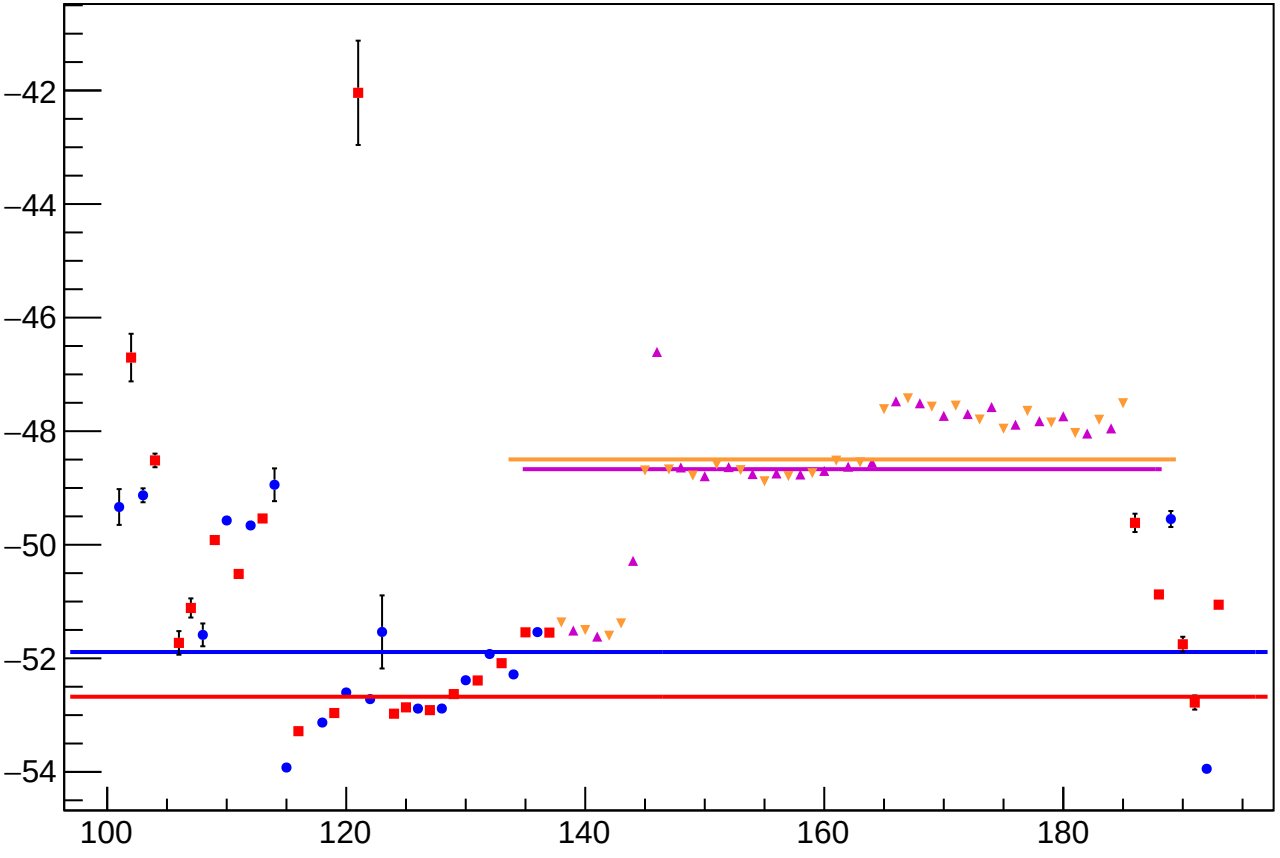
Right: 0.541+/-0.000 χ^2/NDF: 127911.2/41

In: 0.541+/-0.000 χ^2/NDF:334320.1/41

Out: 0.359+/-0.000 χ^2/NDF:23614.6/47

All: 0.541+/-0.000 χ^2/NDF: 651158.8/89

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.889+/-0.002 χ^2/NDF: 78407.8/18

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.676+/-0.003 χ^2/NDF: 58052.0/22

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

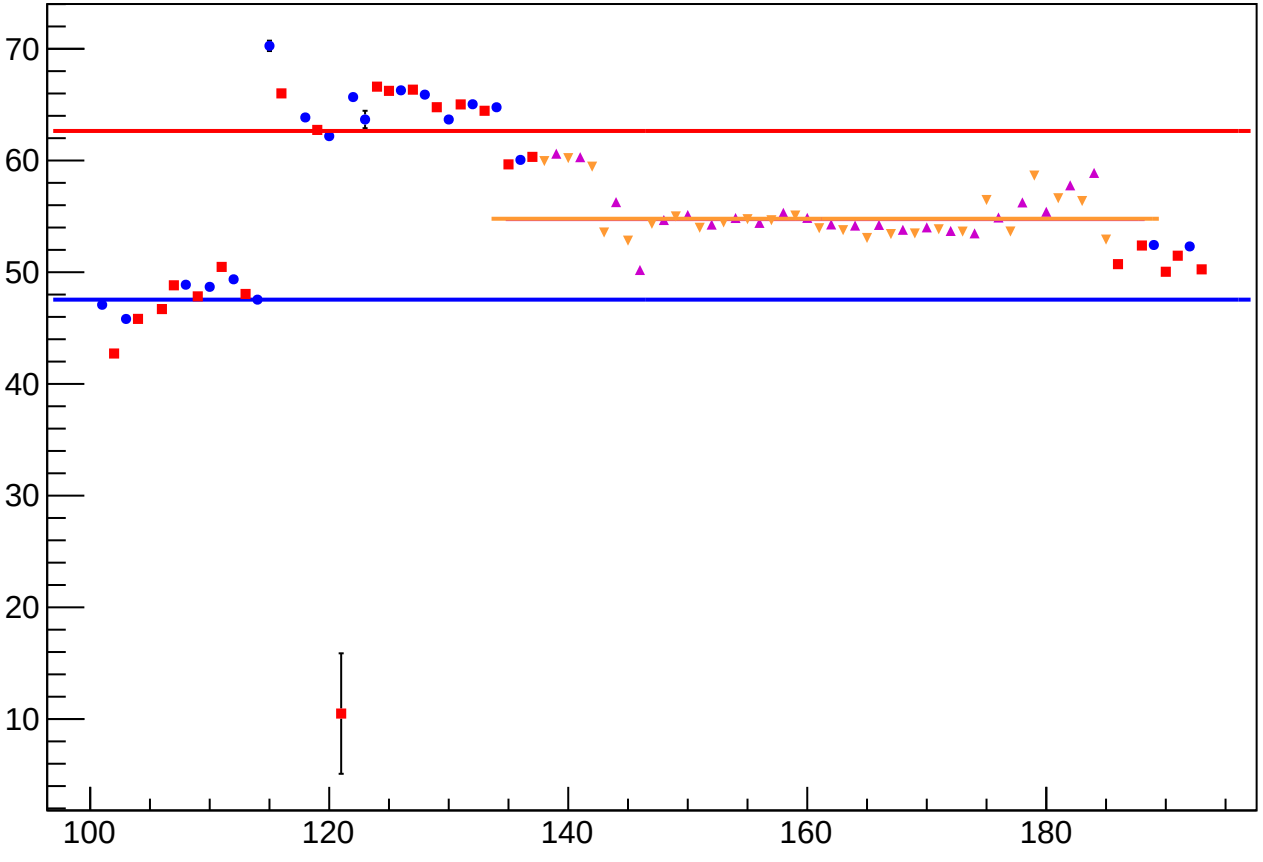
Right: -52.229+/-0.002 χ^2/NDF: 190464.7/41

In: -49.152+/-0.001 χ^2/NDF:2664195.7/41

Out: -49.117+/-0.001 χ^2/NDF:3039087.5/47

All: -49.137+/-0.001 χ^2/NDF: 5704023.1/89

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3606998.9/18

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 62.645+/-0.007 χ^2/NDF: 428433.2/22

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

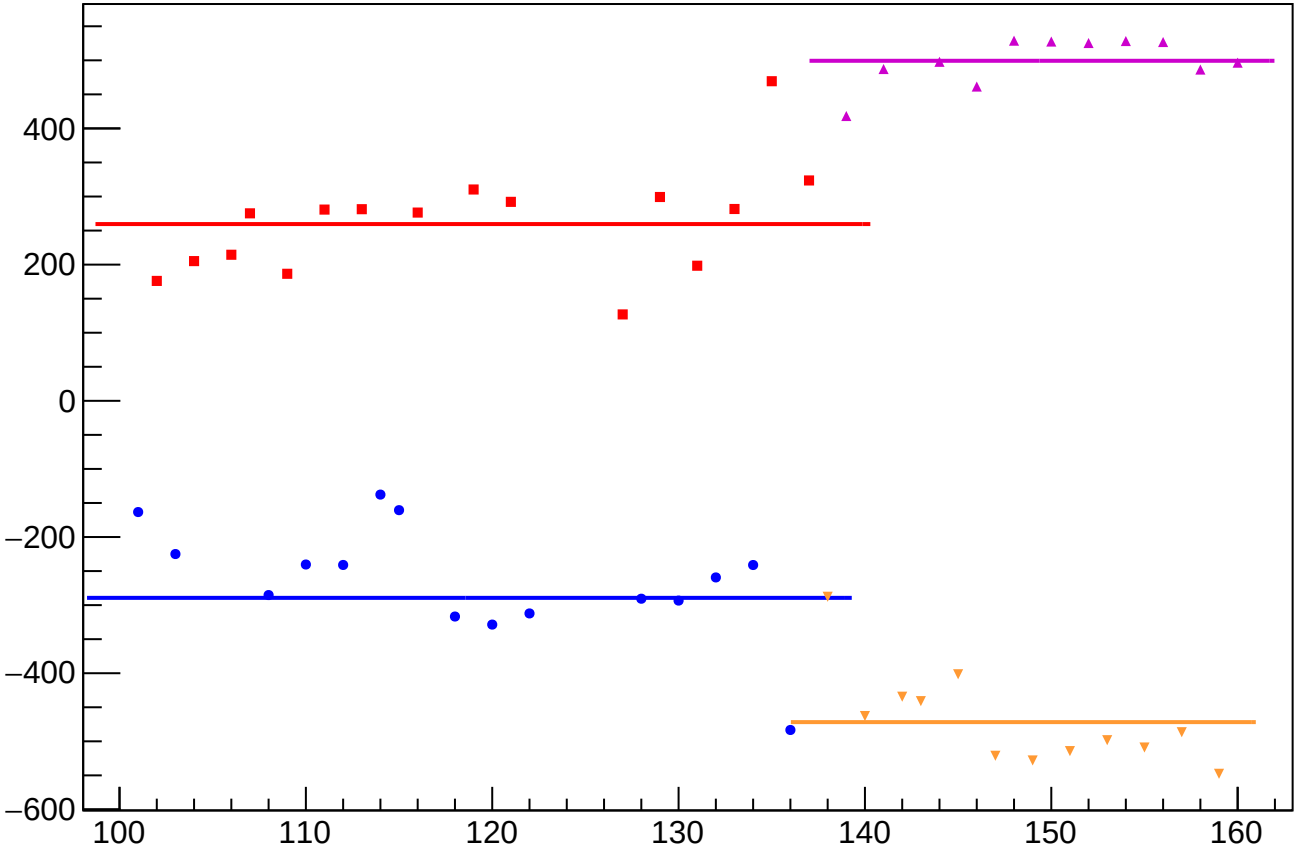
Right: 47.545+/-0.000 χ^2/NDF: 8281621.2/41

In: 47.545+/-0.000 χ^2/NDF:11362558.4/41

Out: 55.880+/-0.003 χ^2/NDF:1719757.2/47

All: 47.545+/-0.000 χ^2/NDF: 22386031.6/89

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

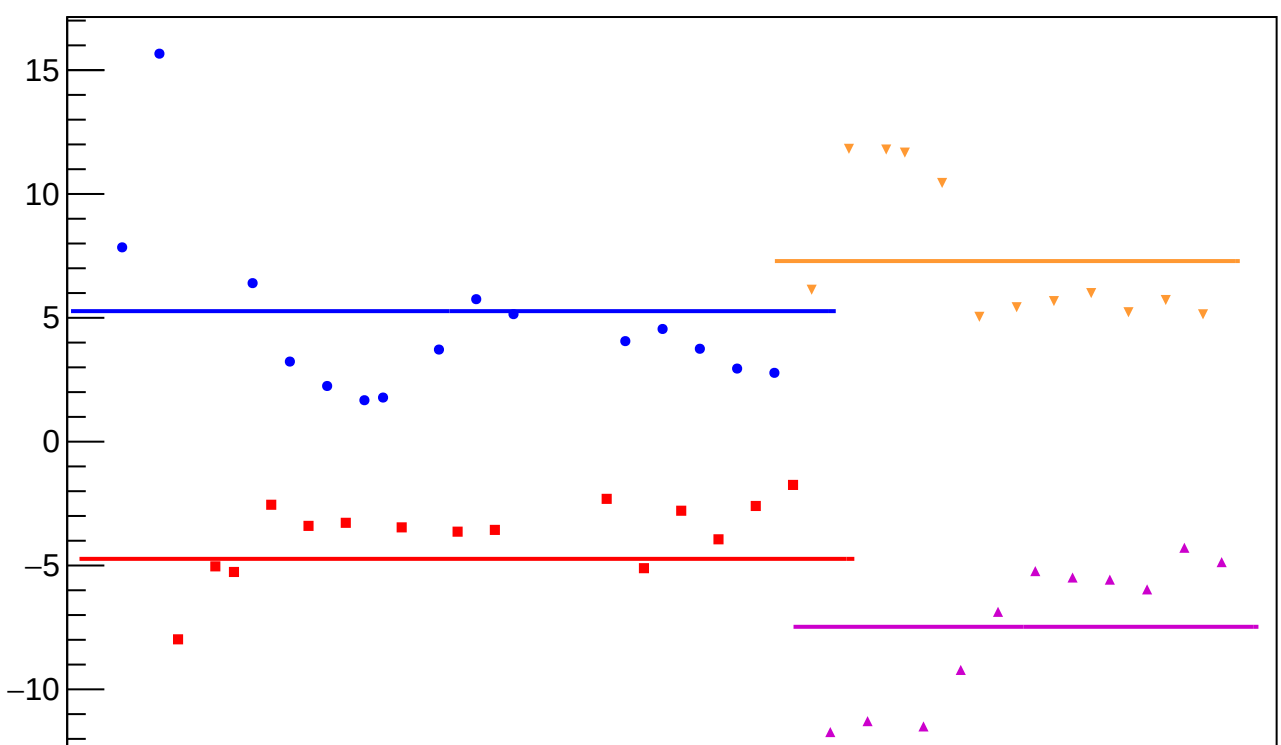
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

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

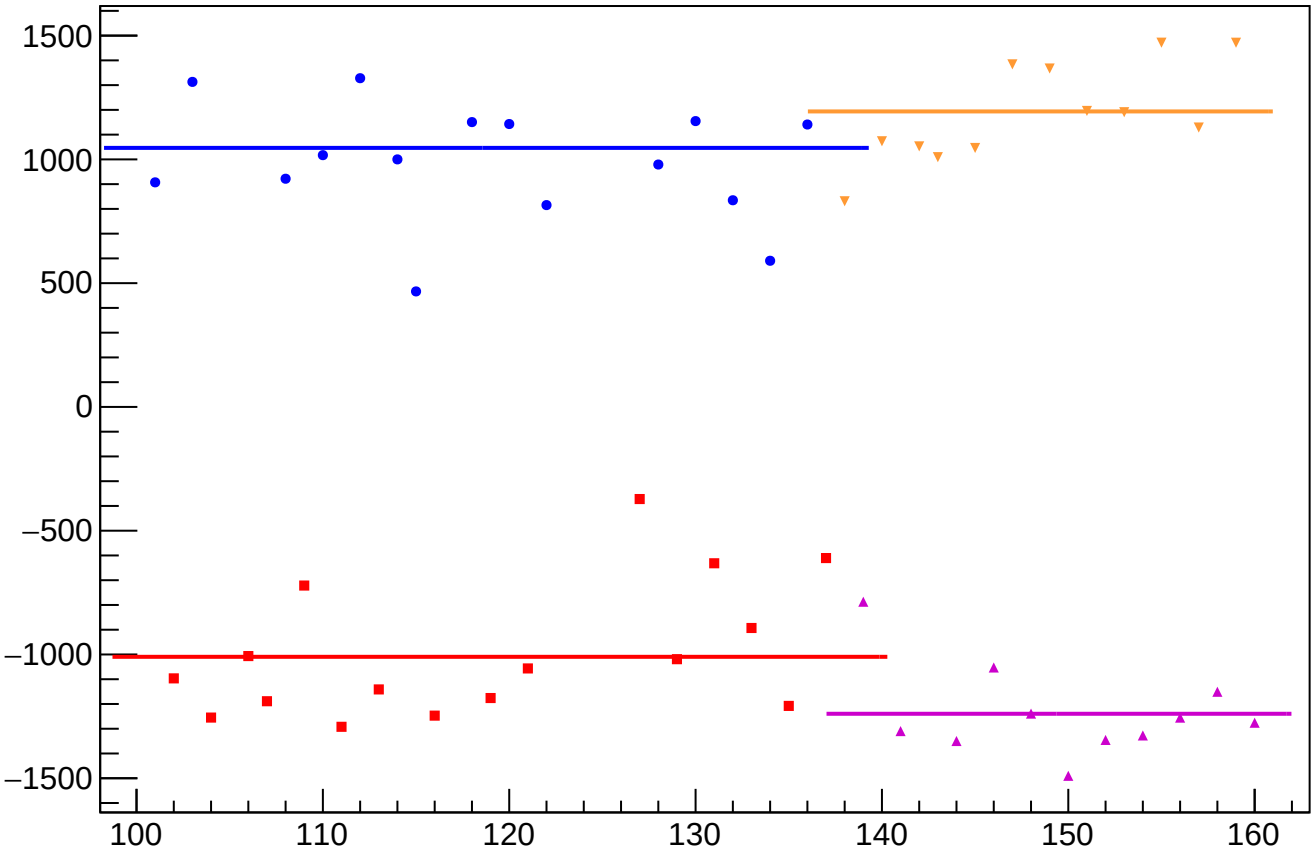
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

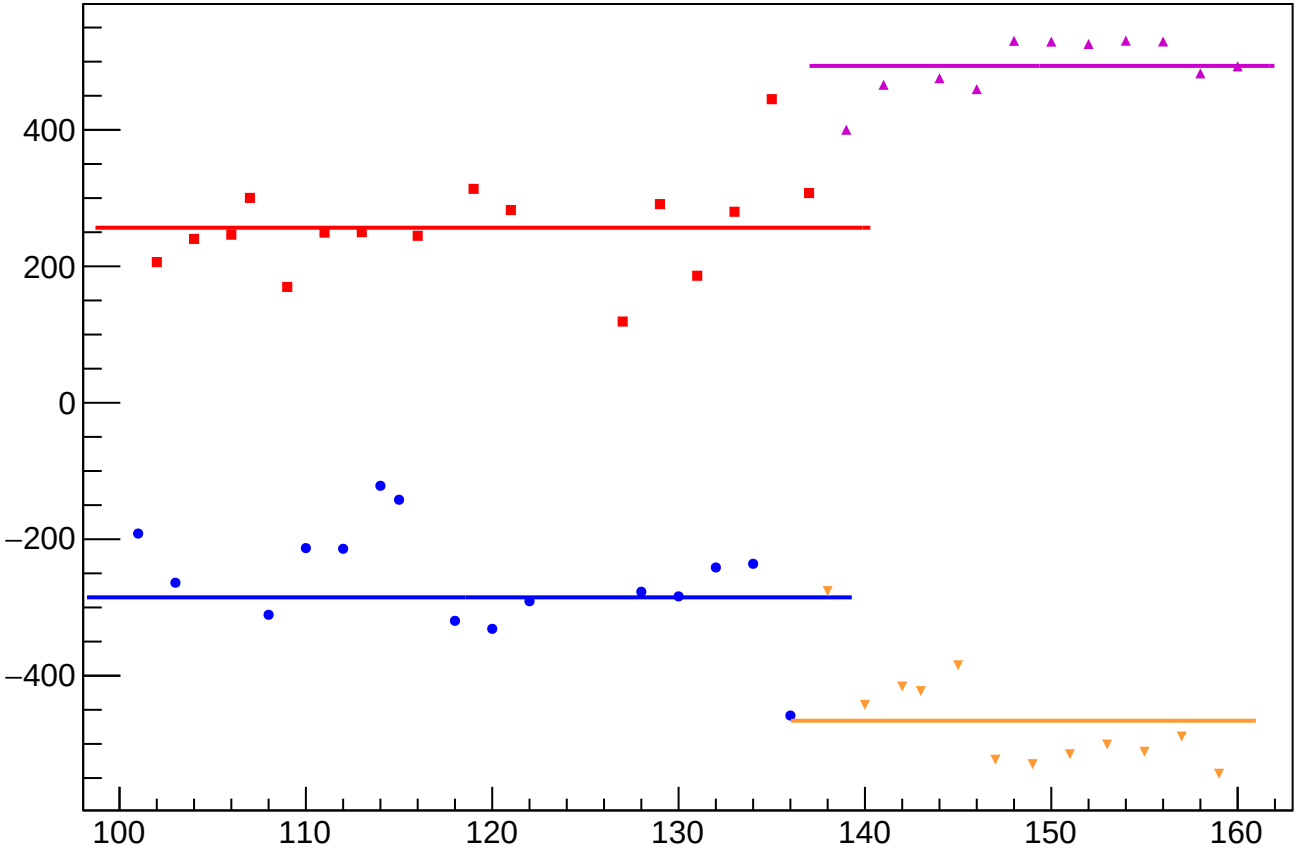
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



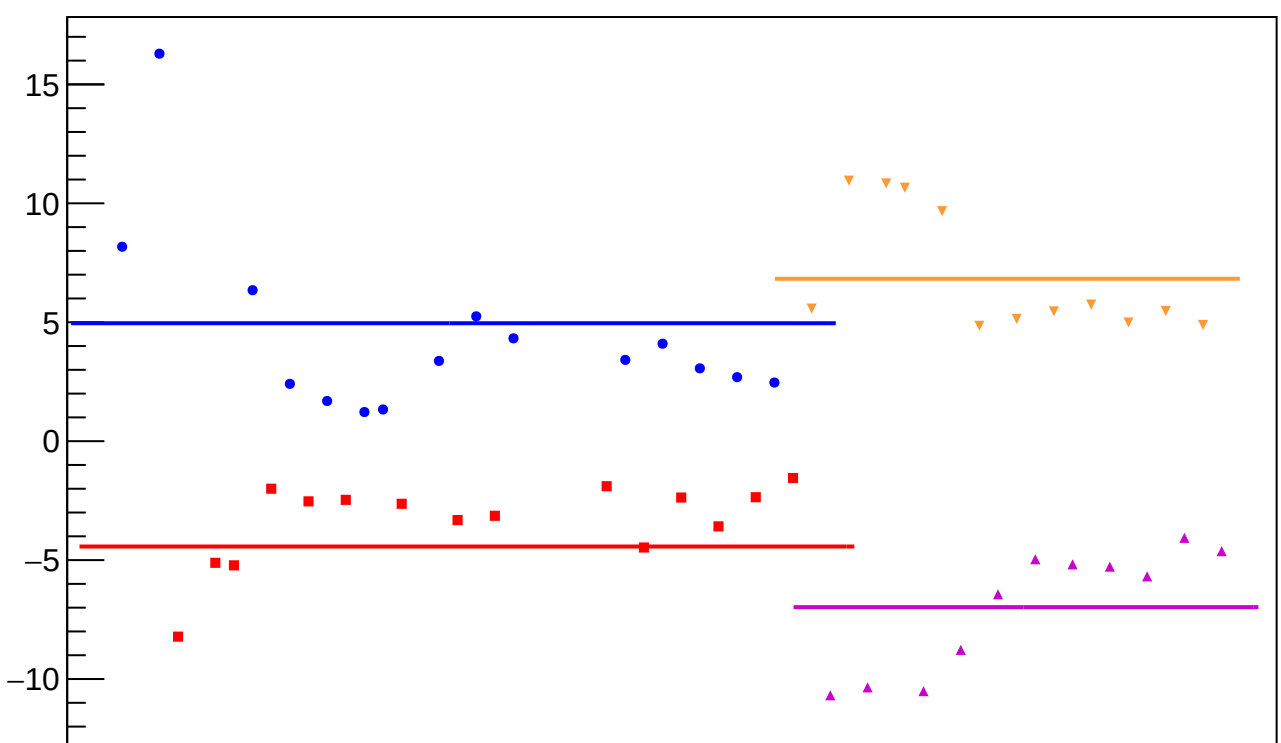
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

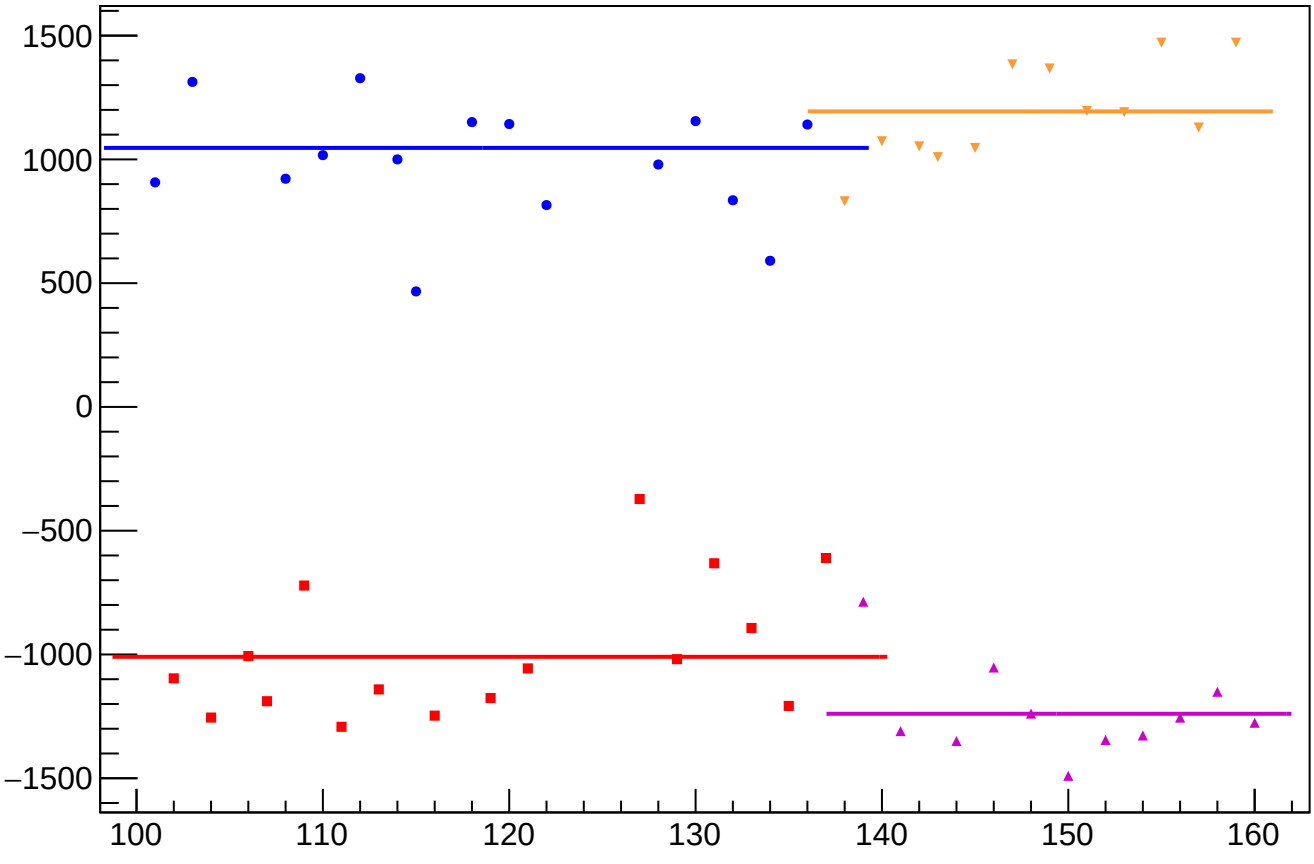
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

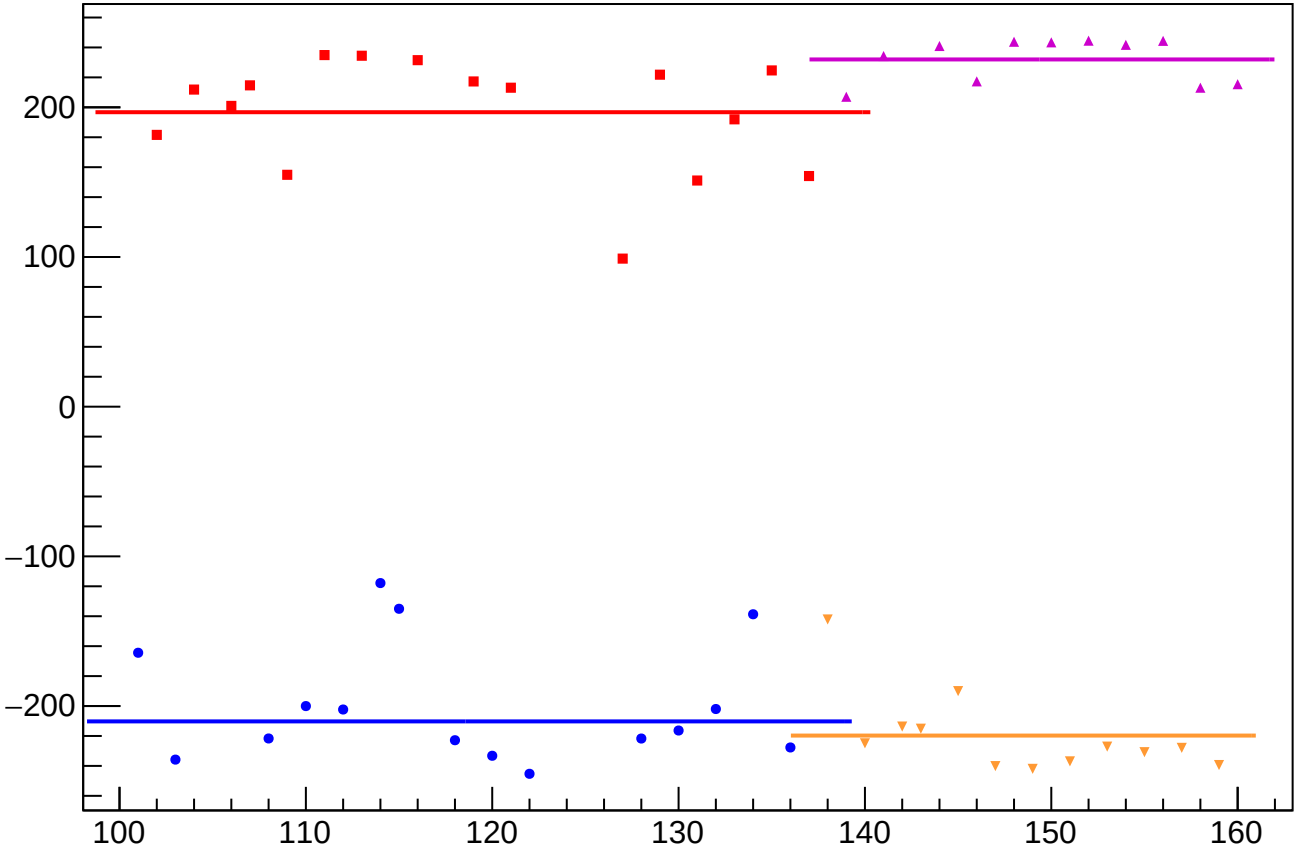
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

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

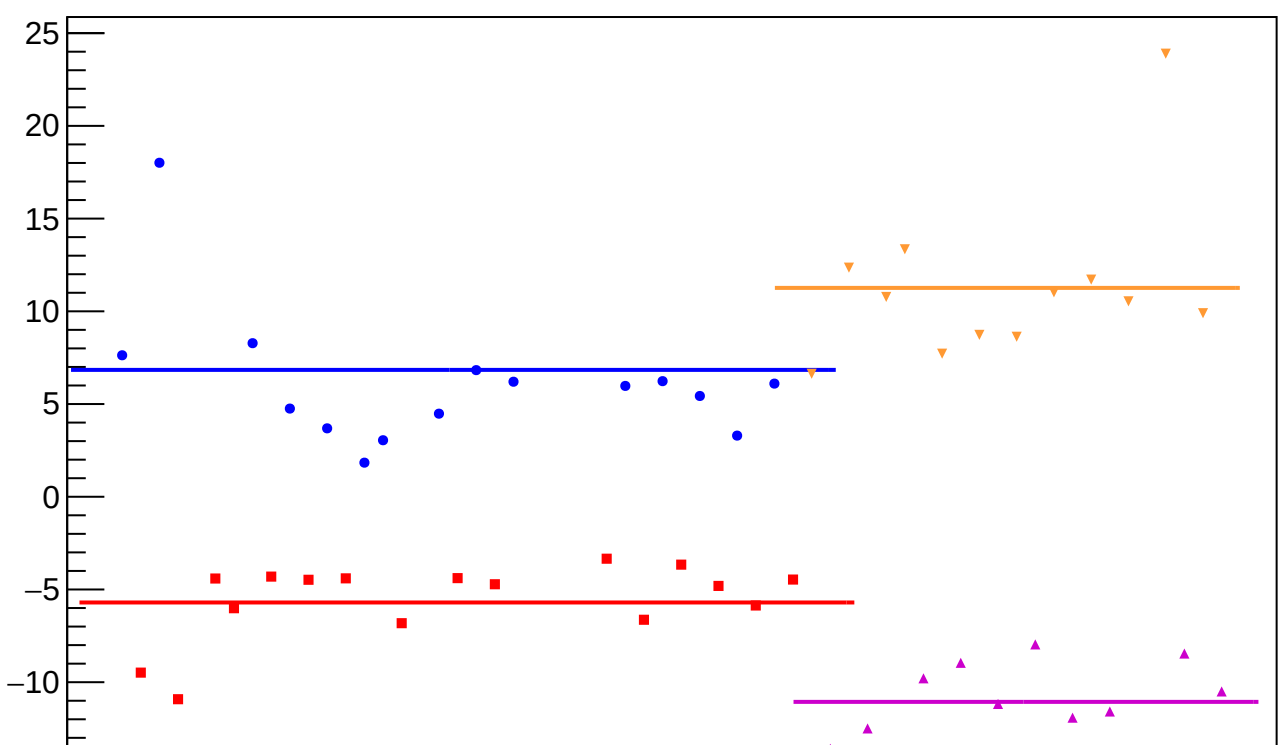
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

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

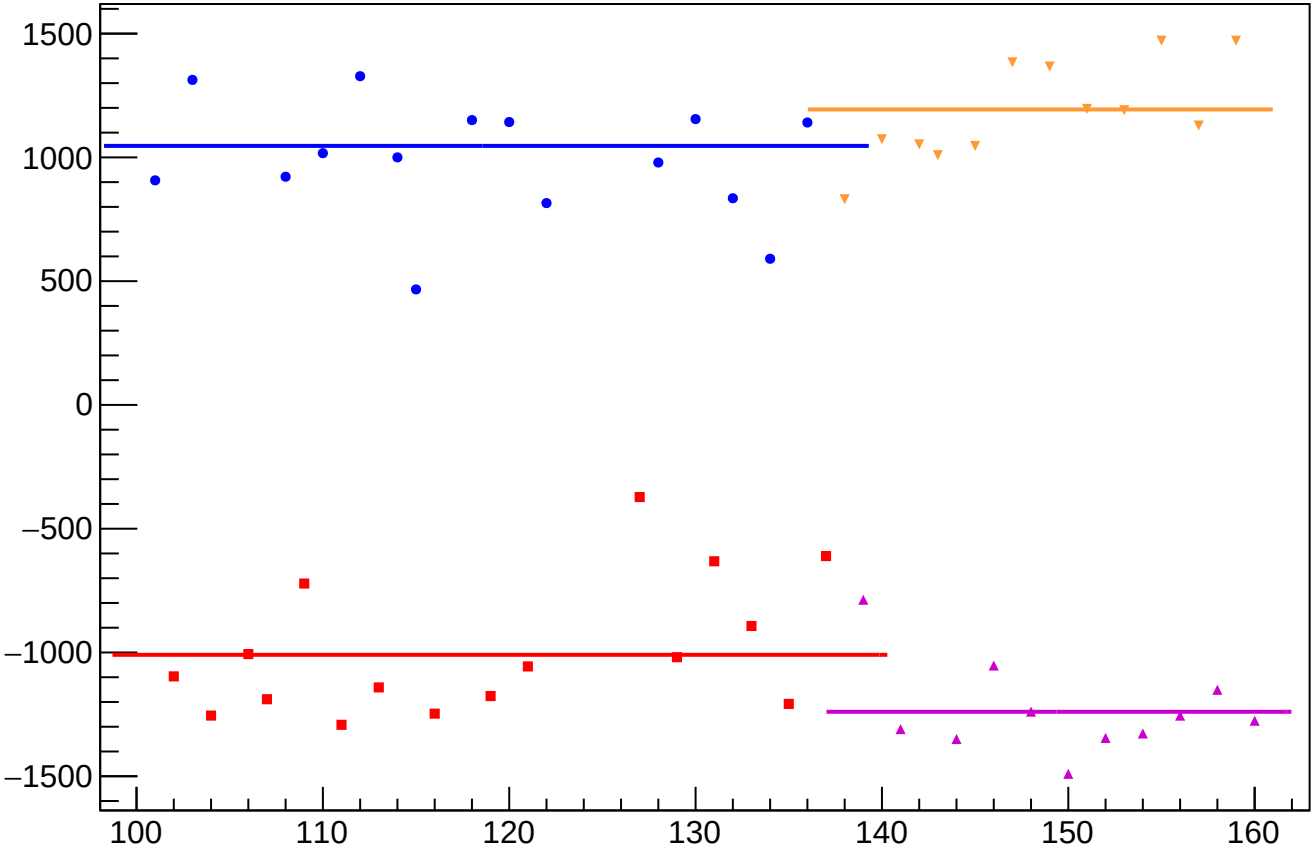
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

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

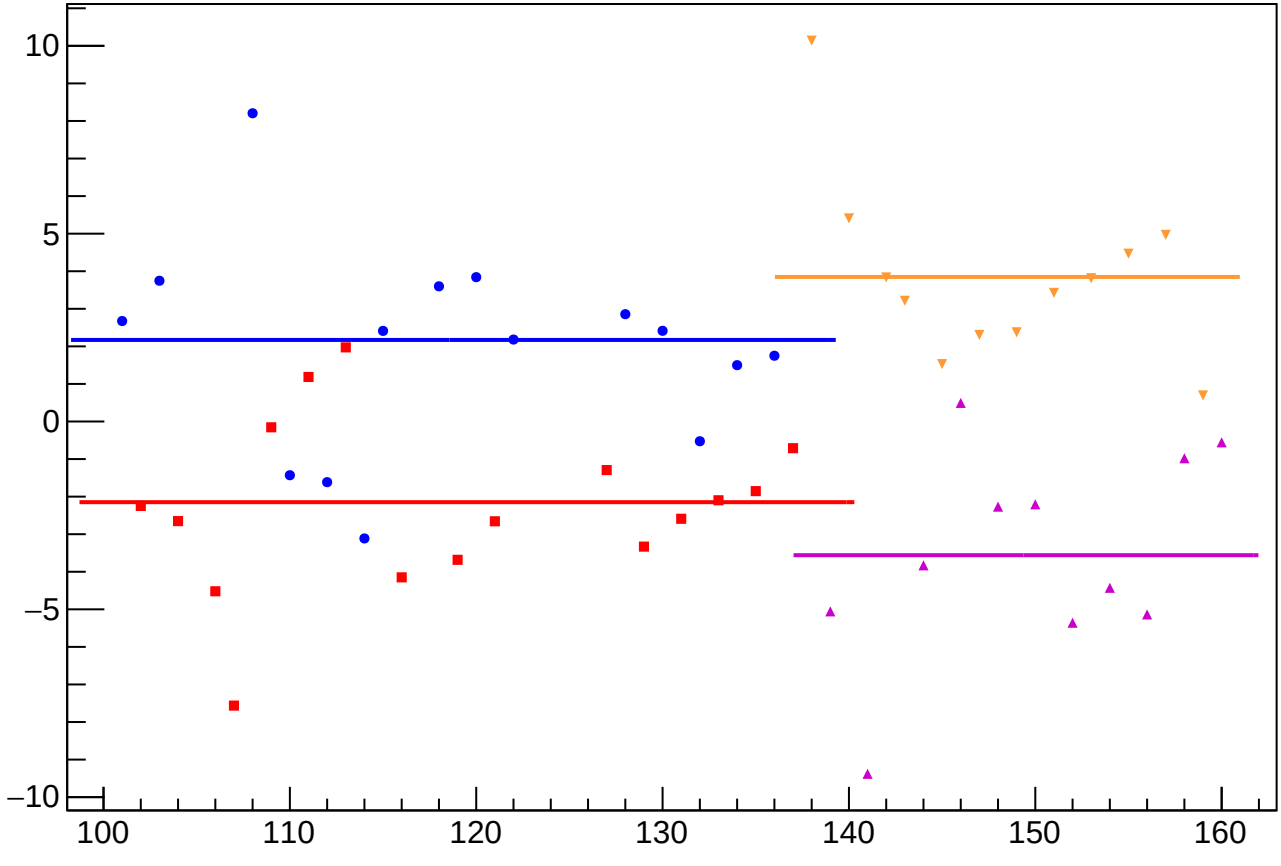
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

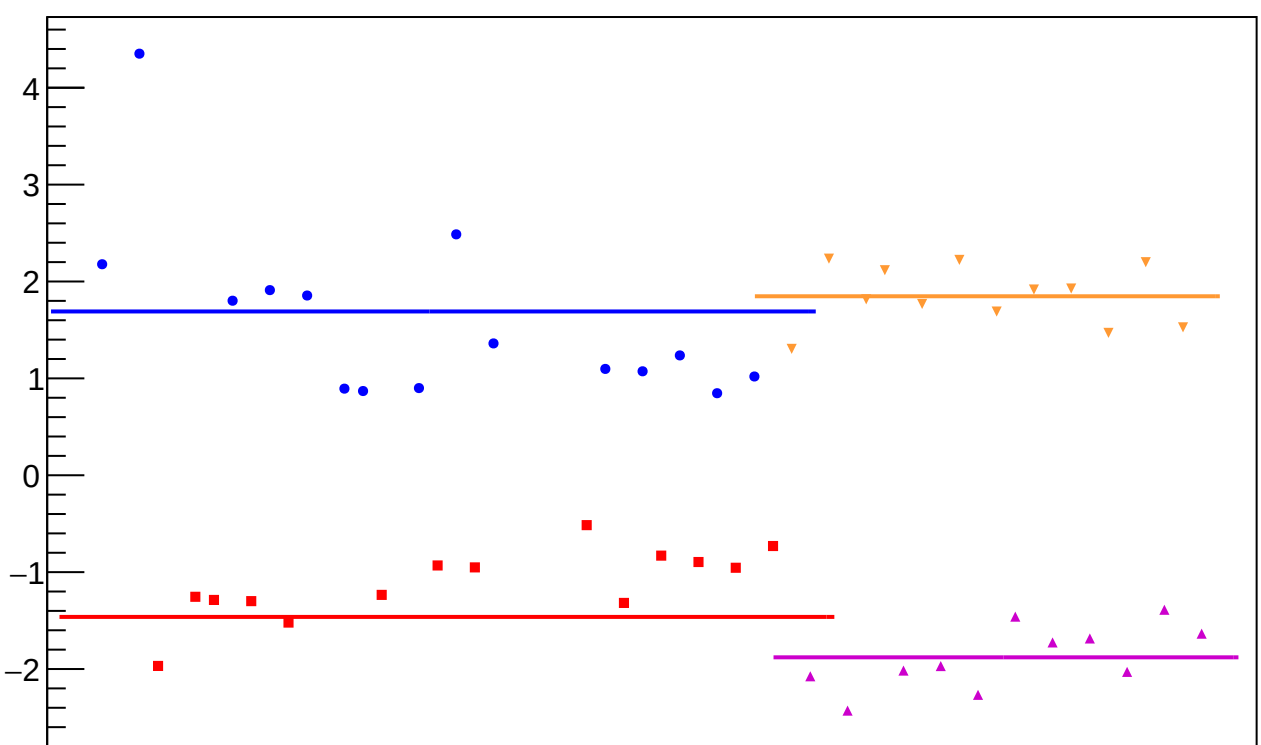
All: -15.348+/-0.000 χ^2/NDF: 424479012287

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

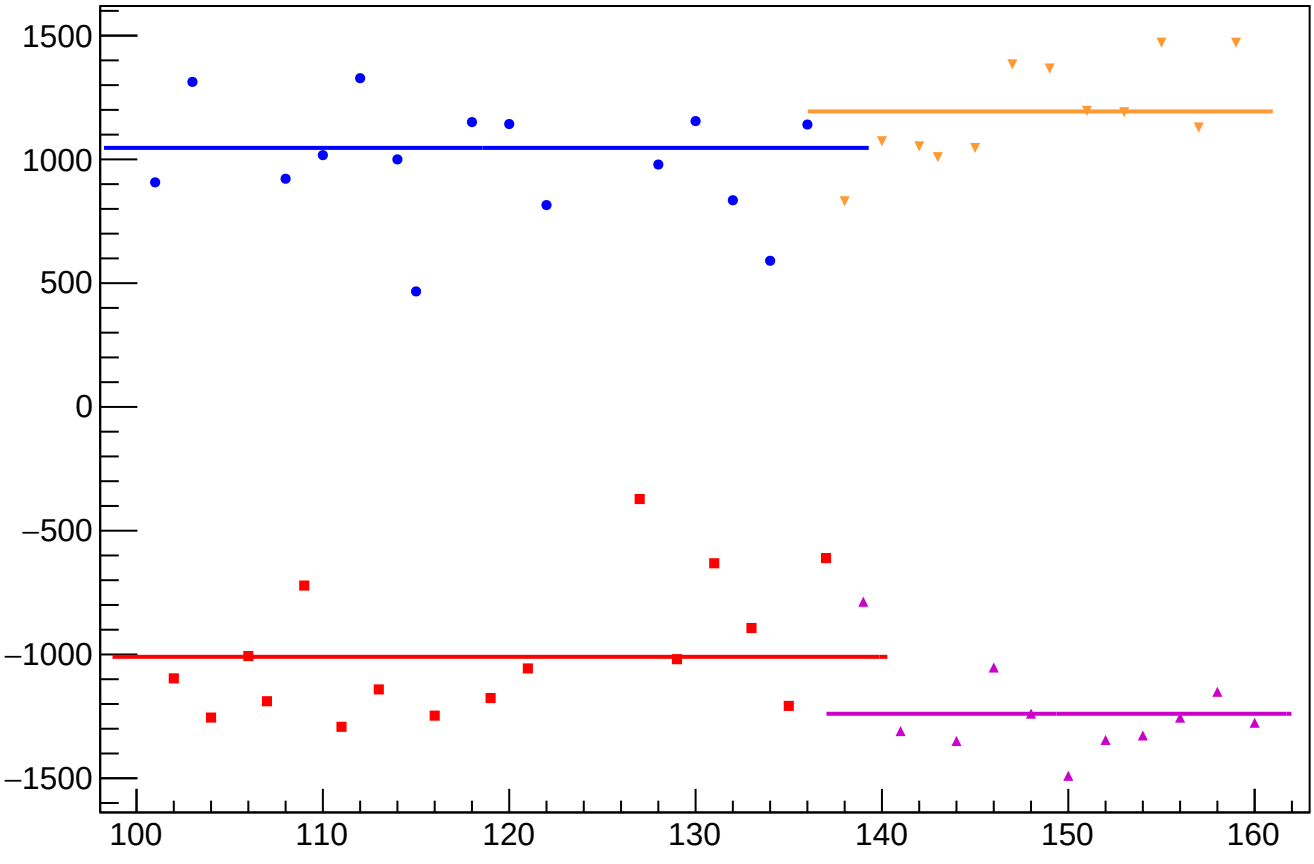
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

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

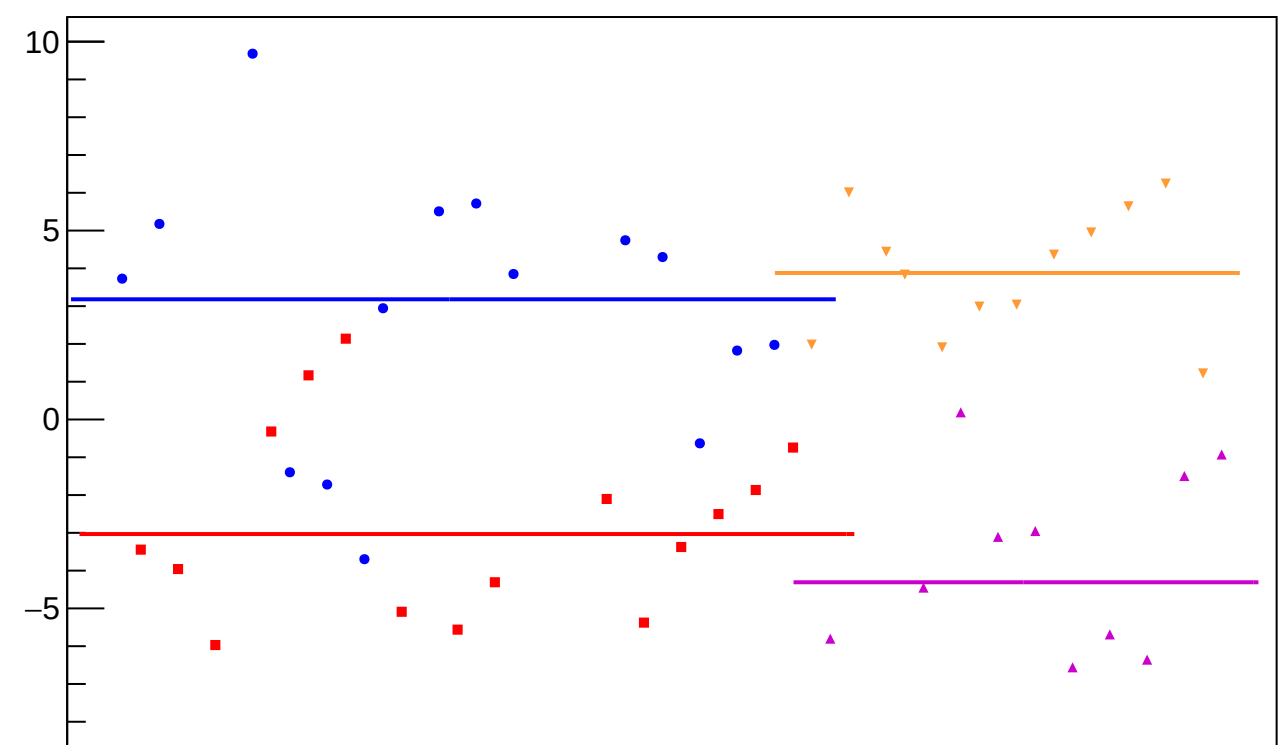
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

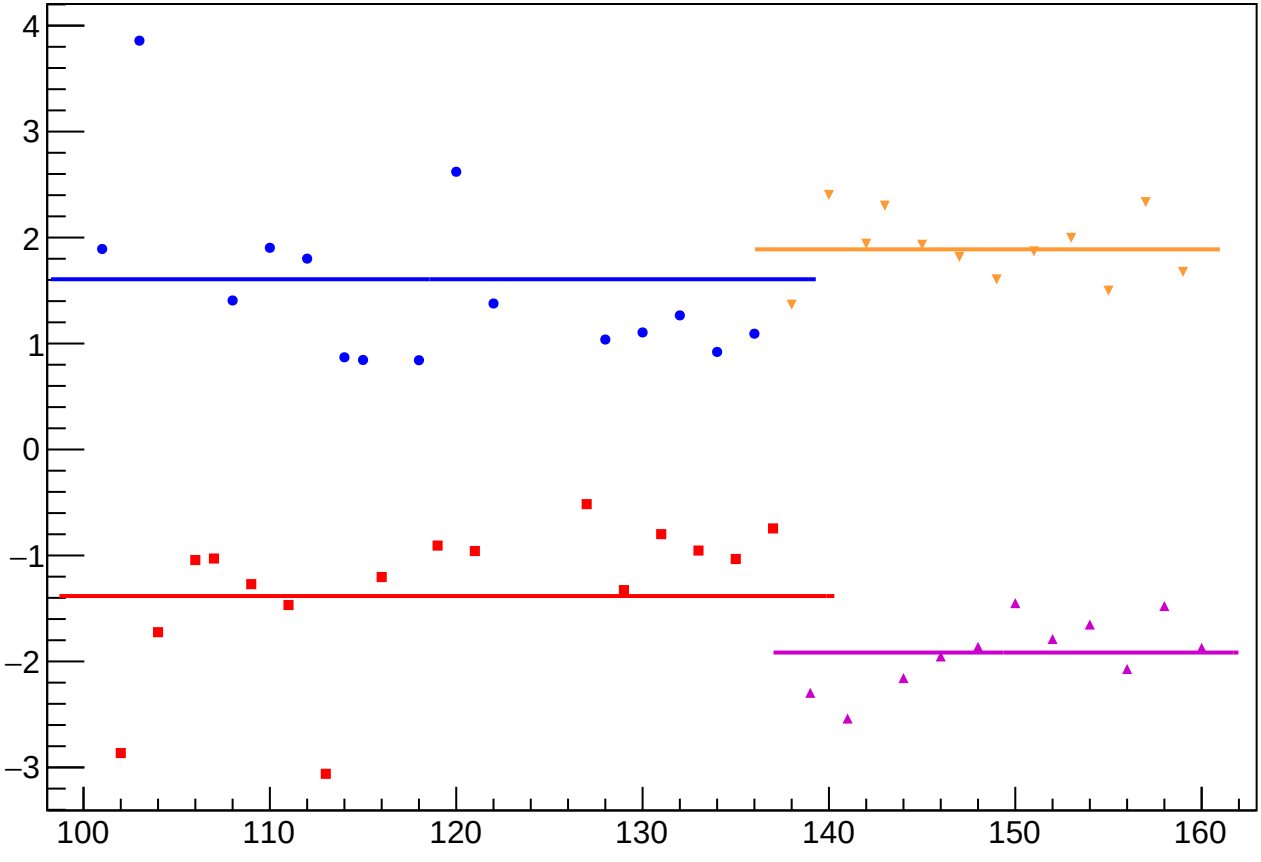
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

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

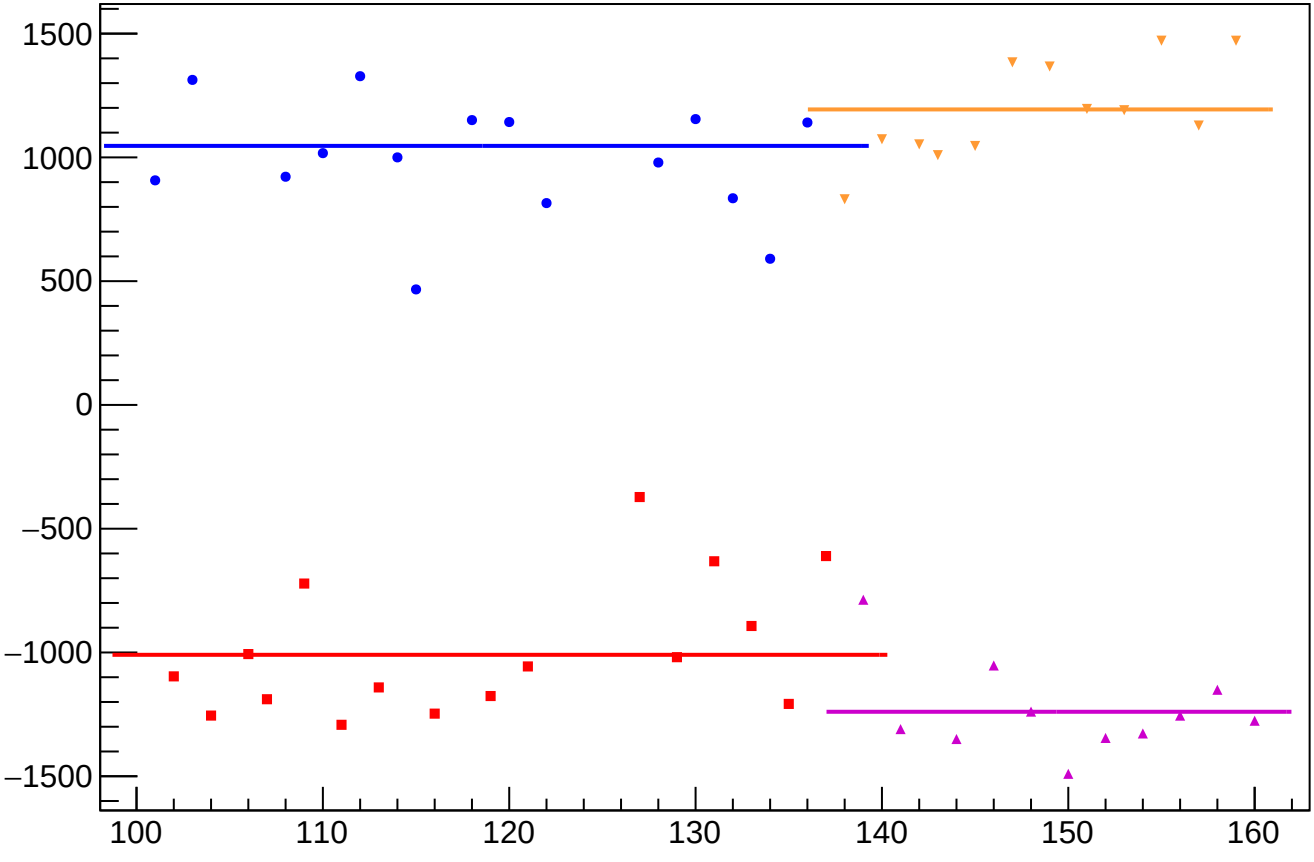
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

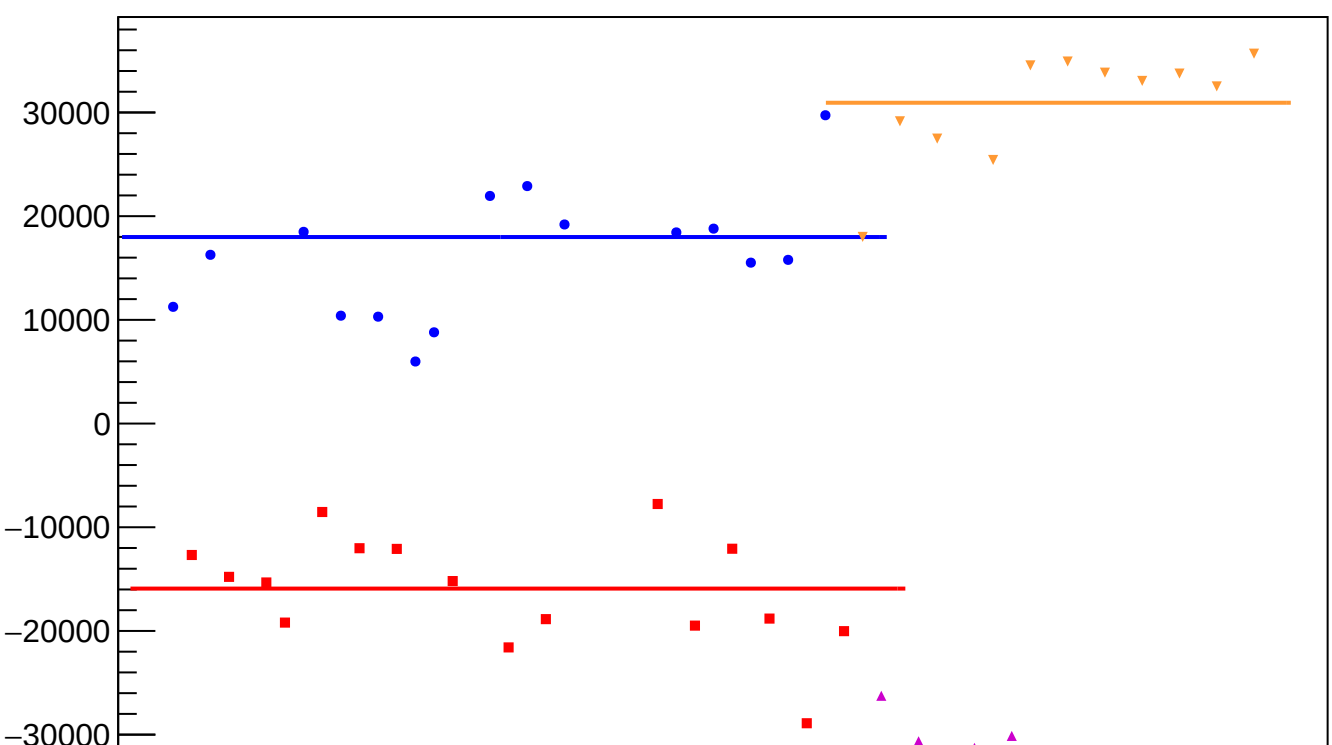
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



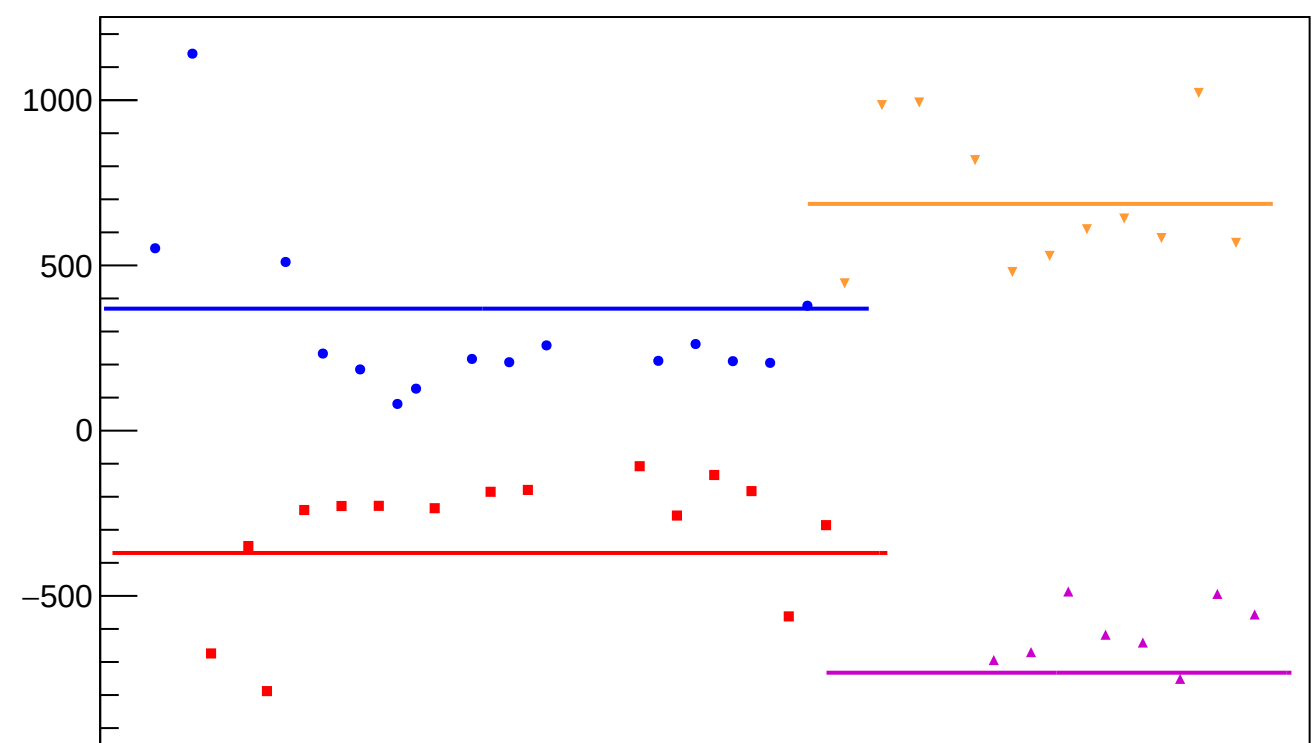
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



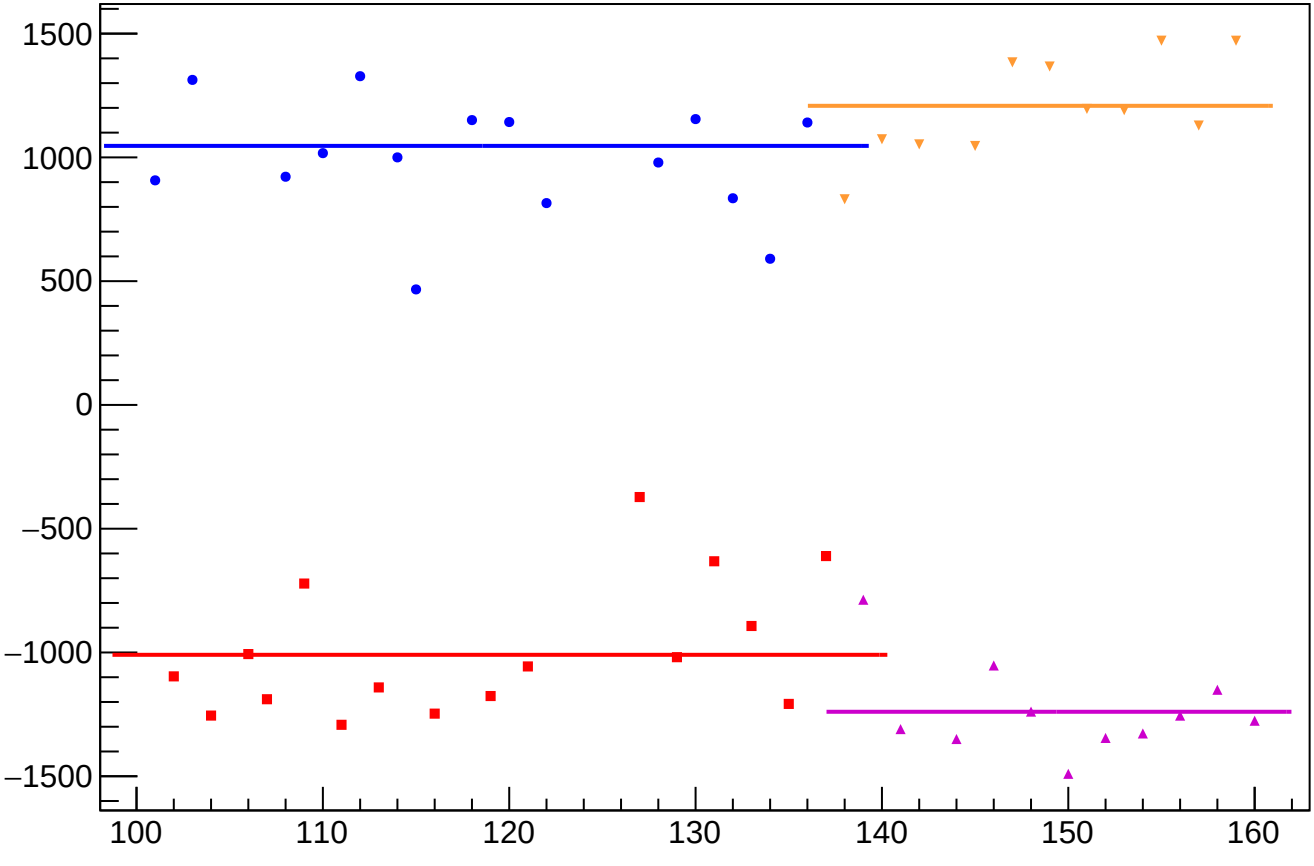
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
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

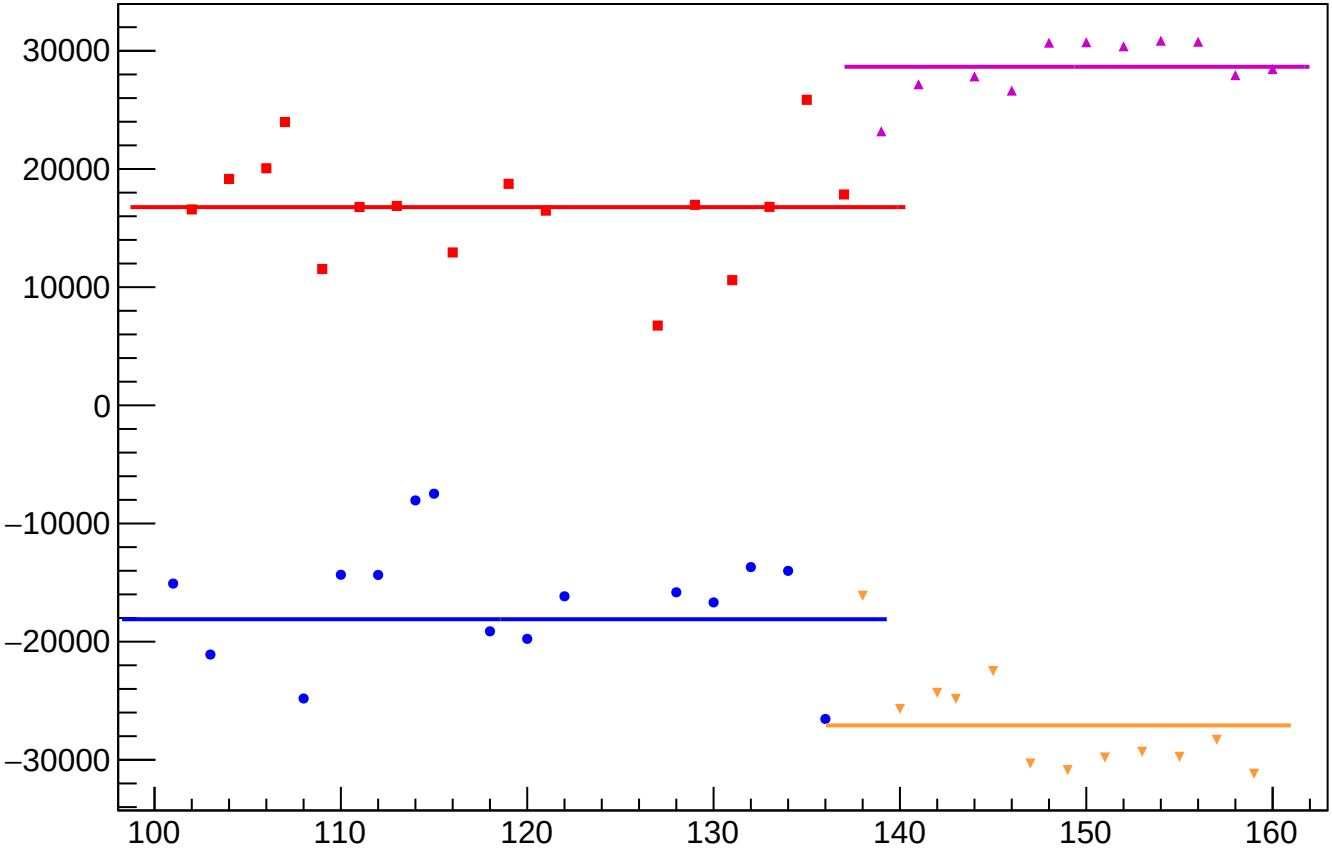
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

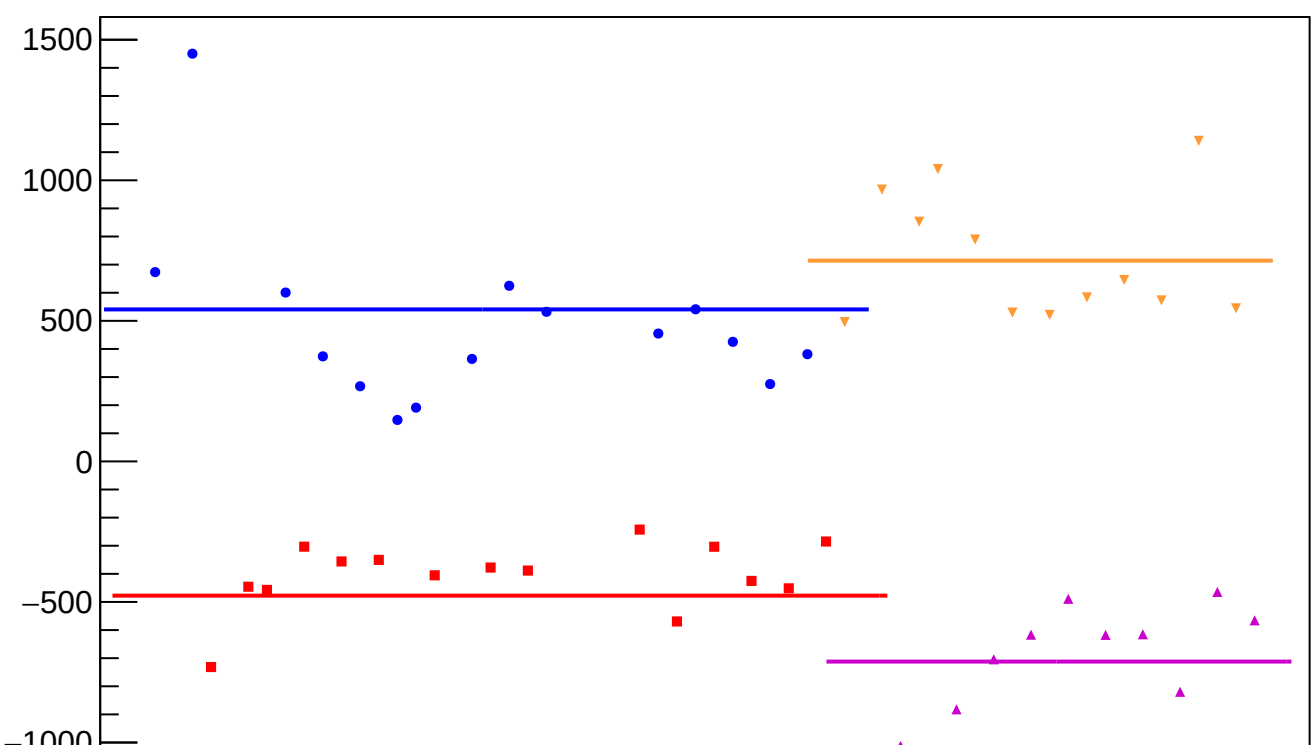
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

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

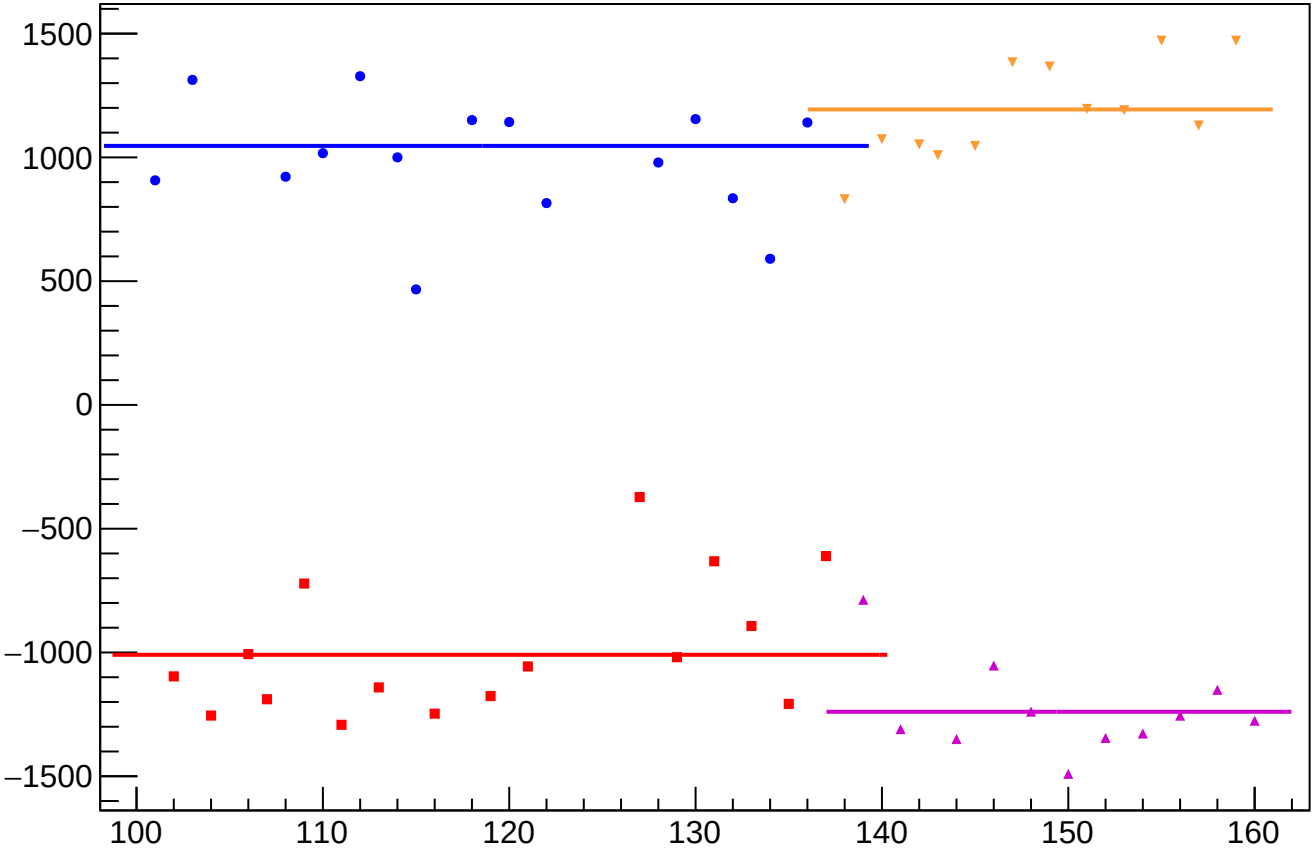
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

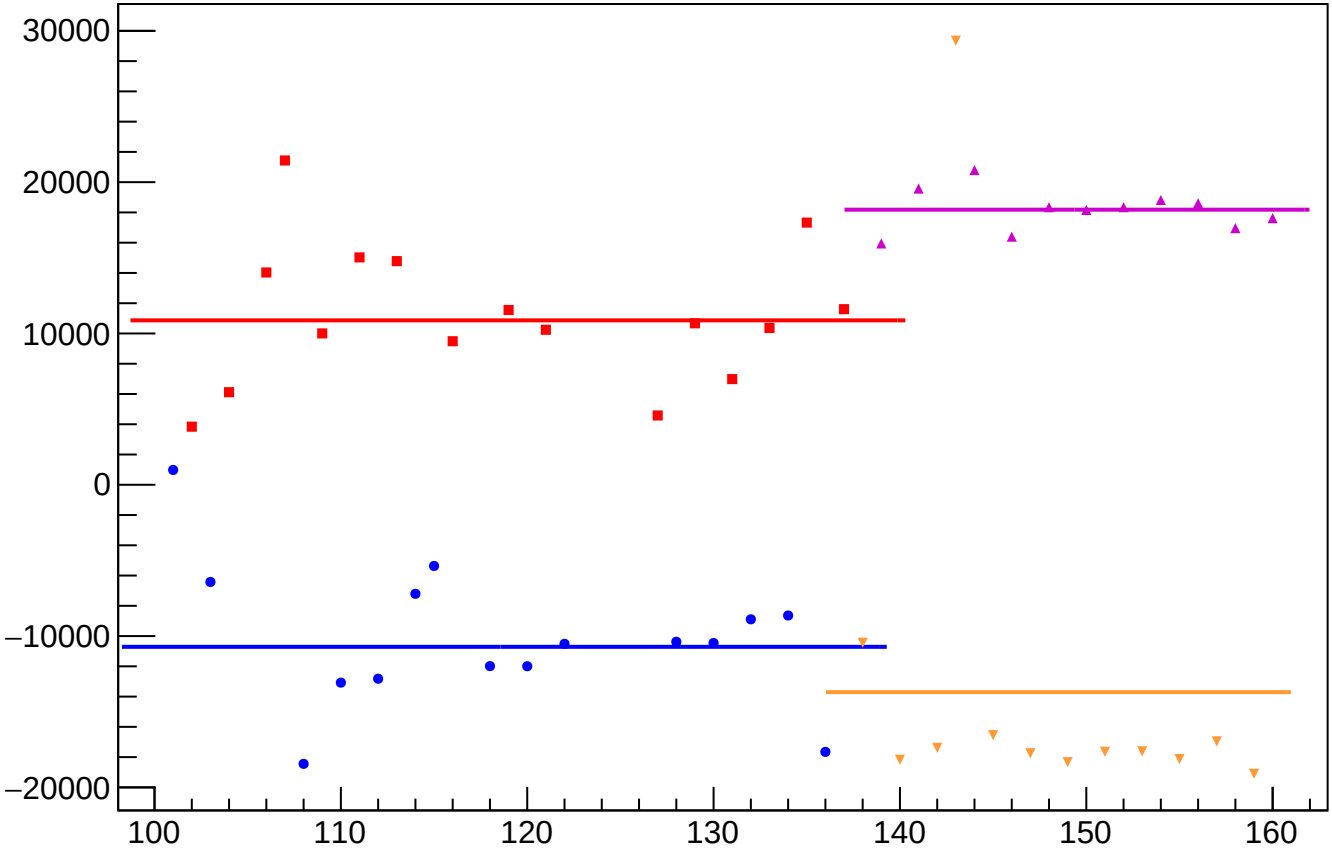
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

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

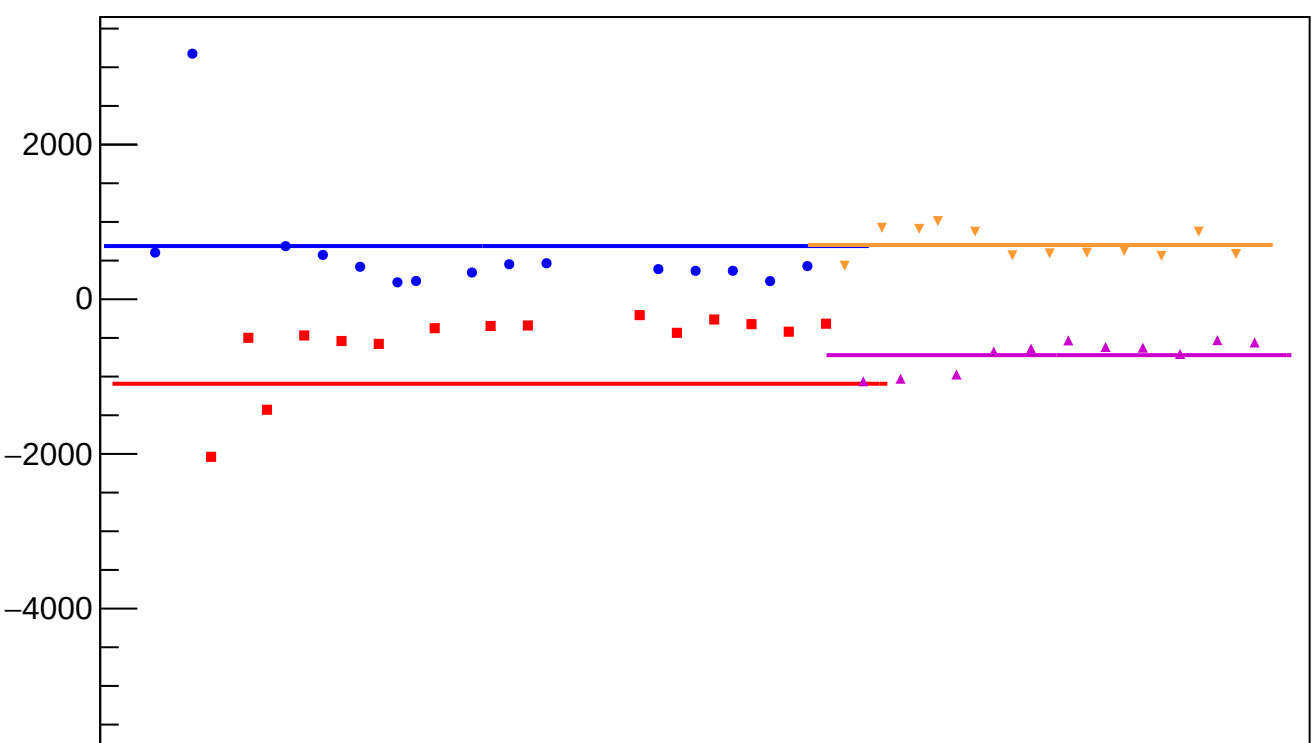
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

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

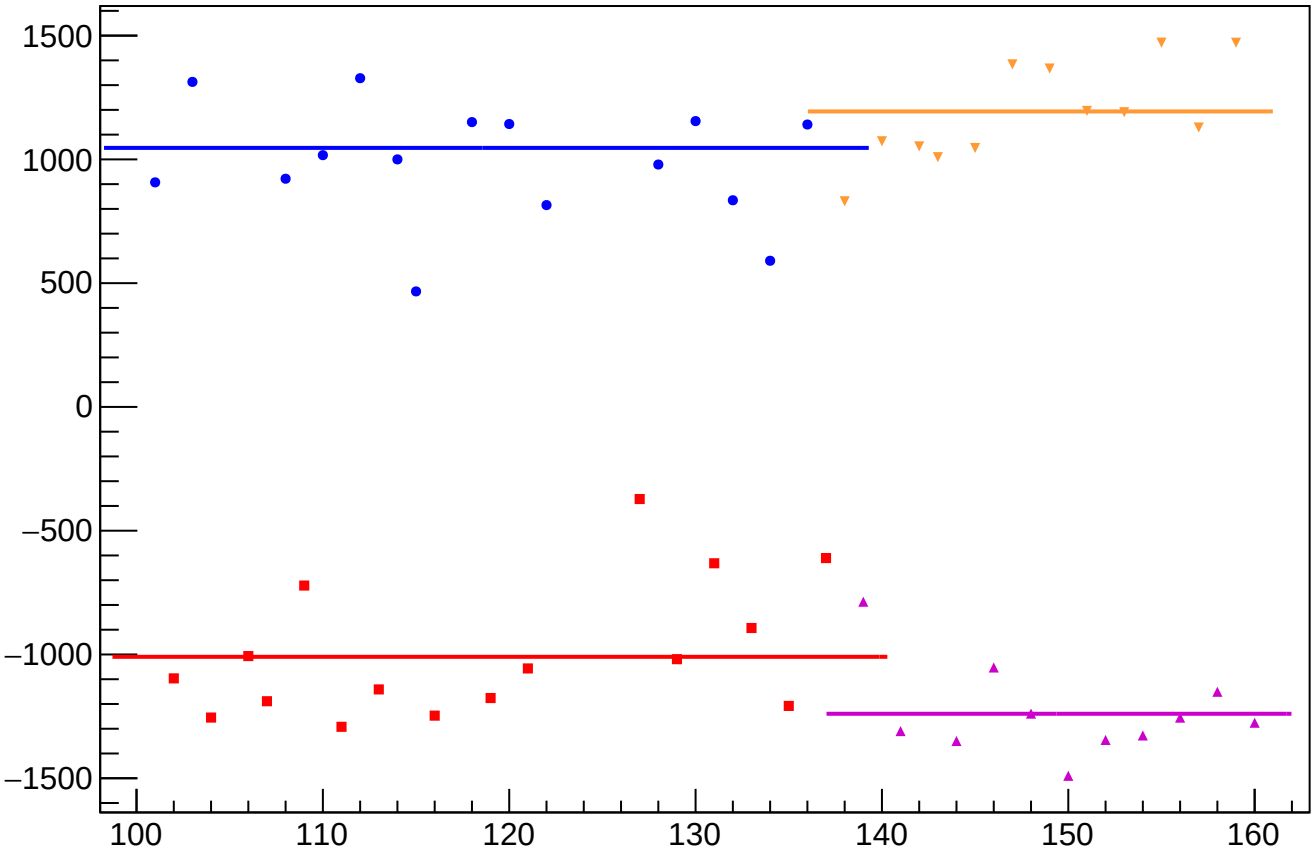
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

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

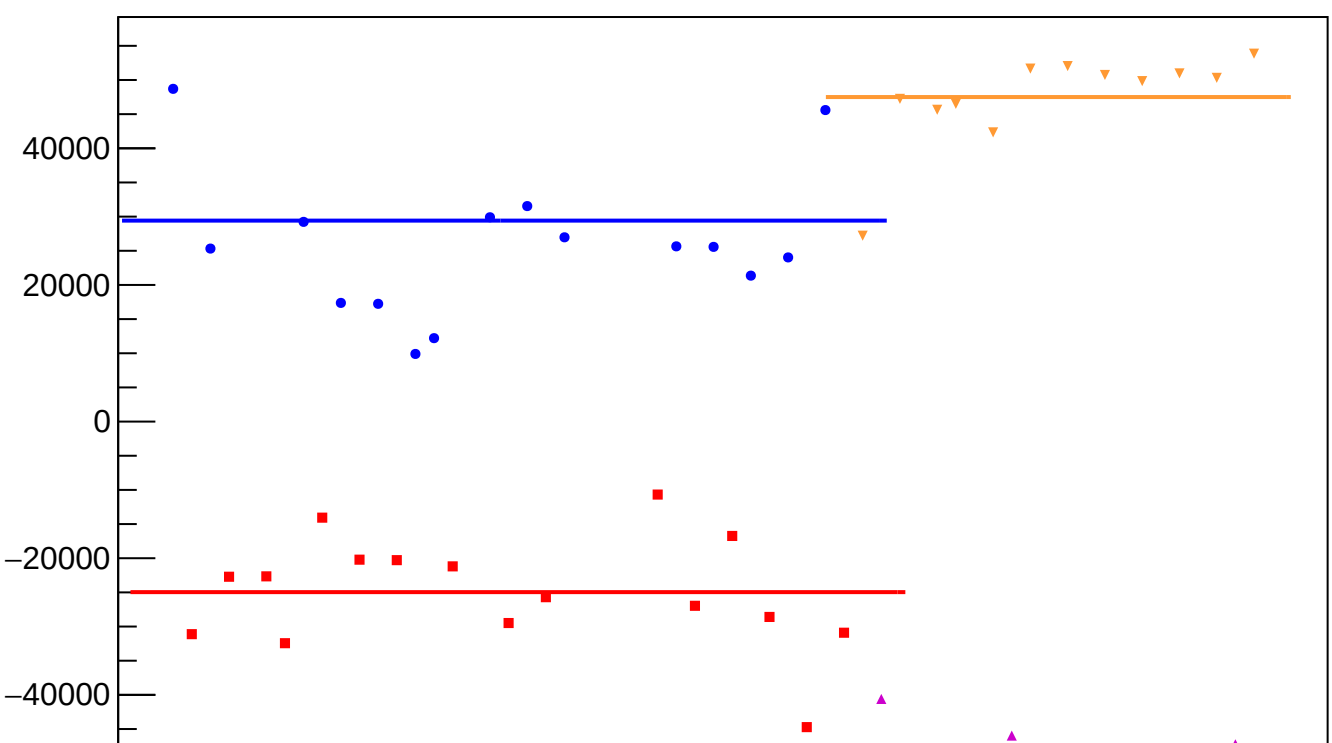
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

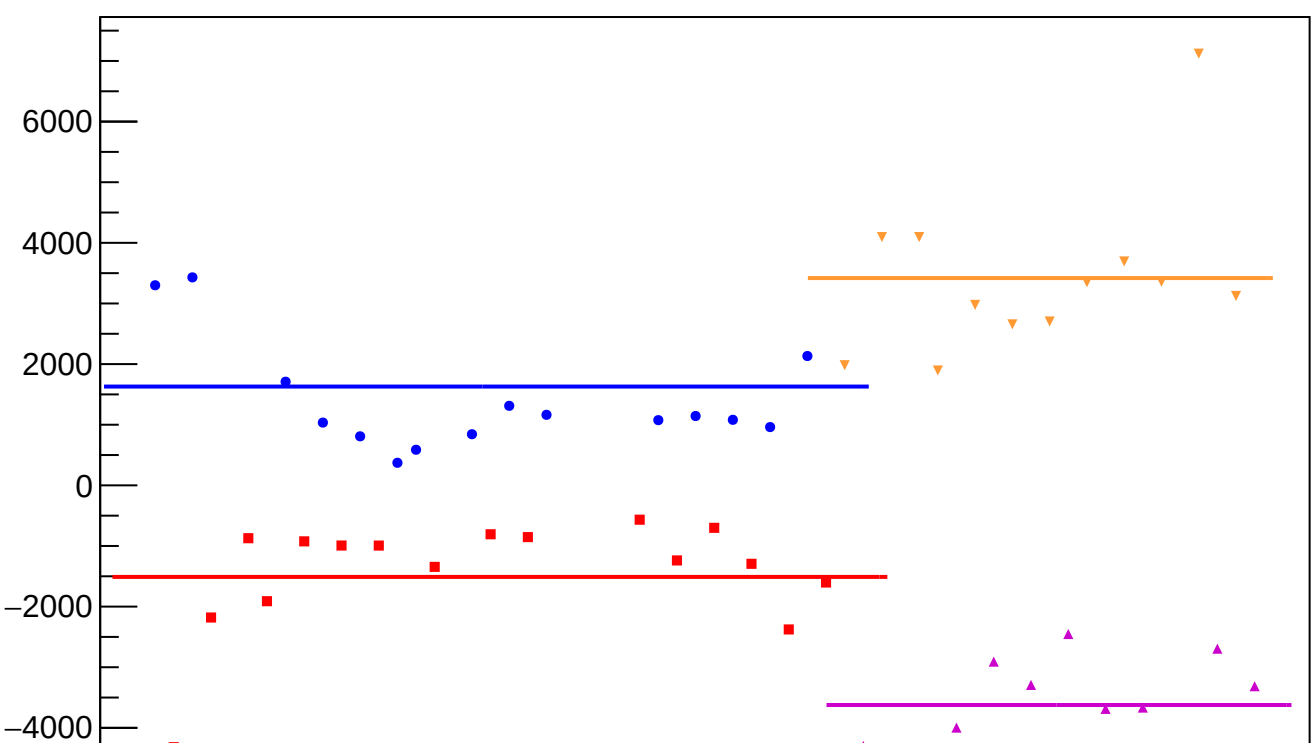
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

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

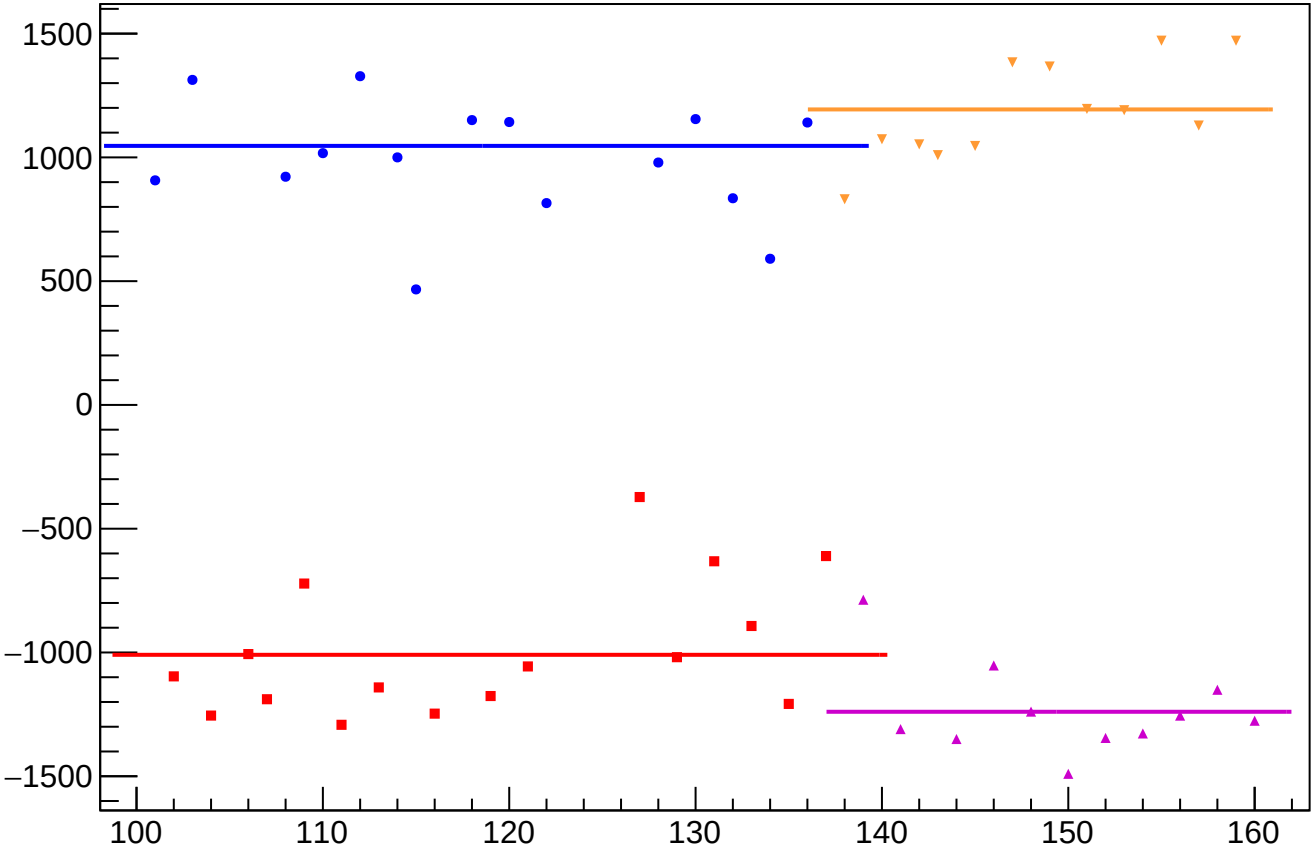
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

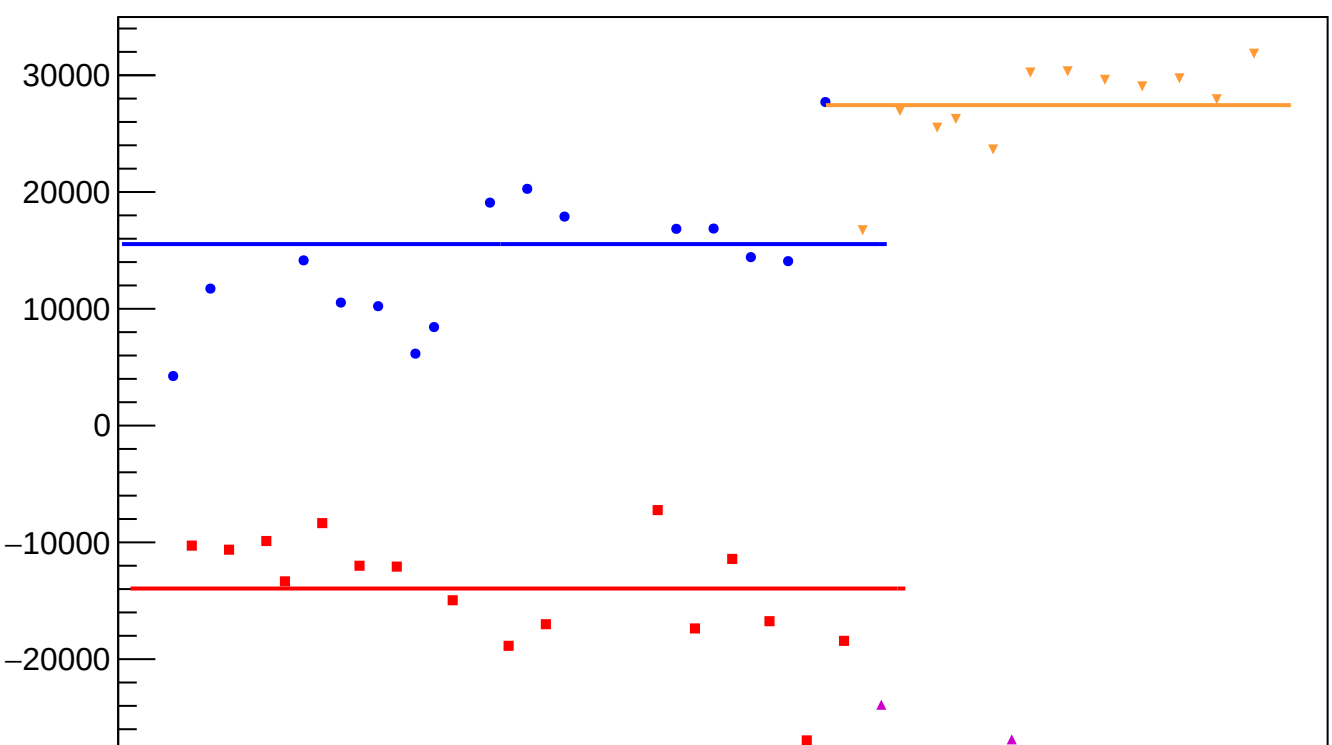
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



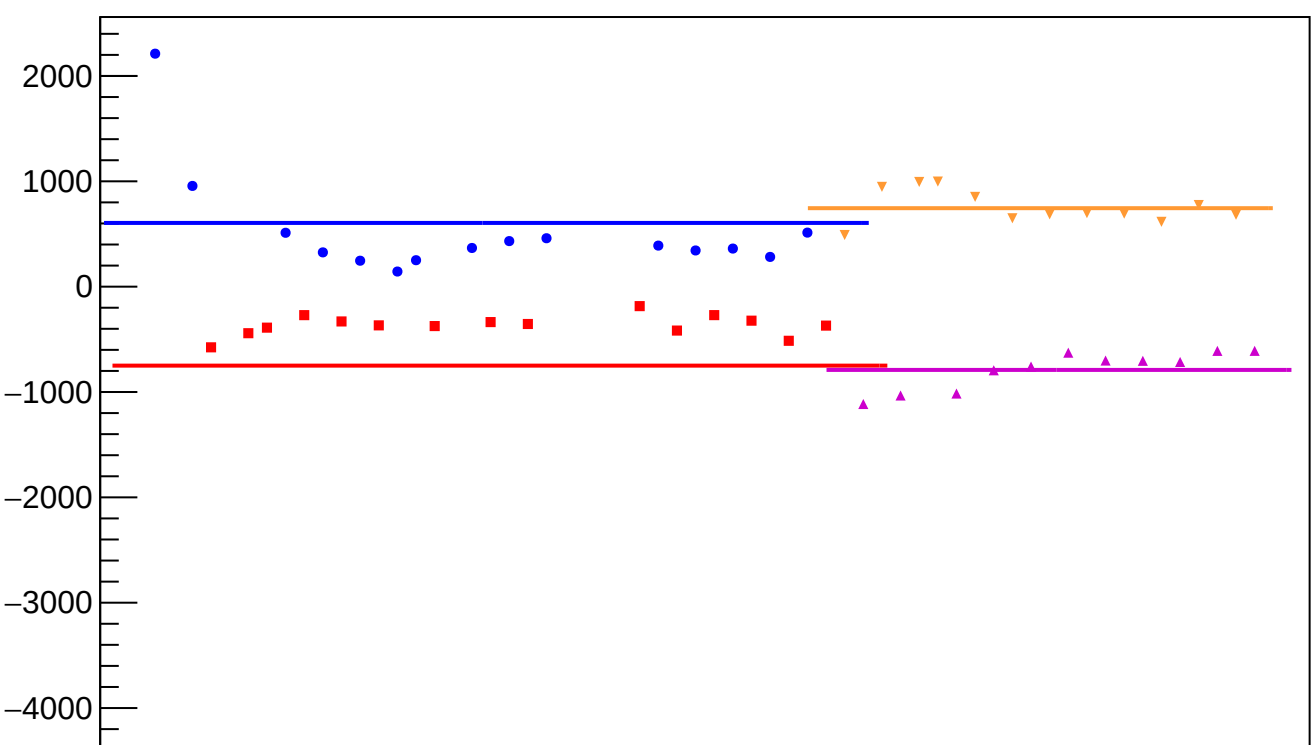
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



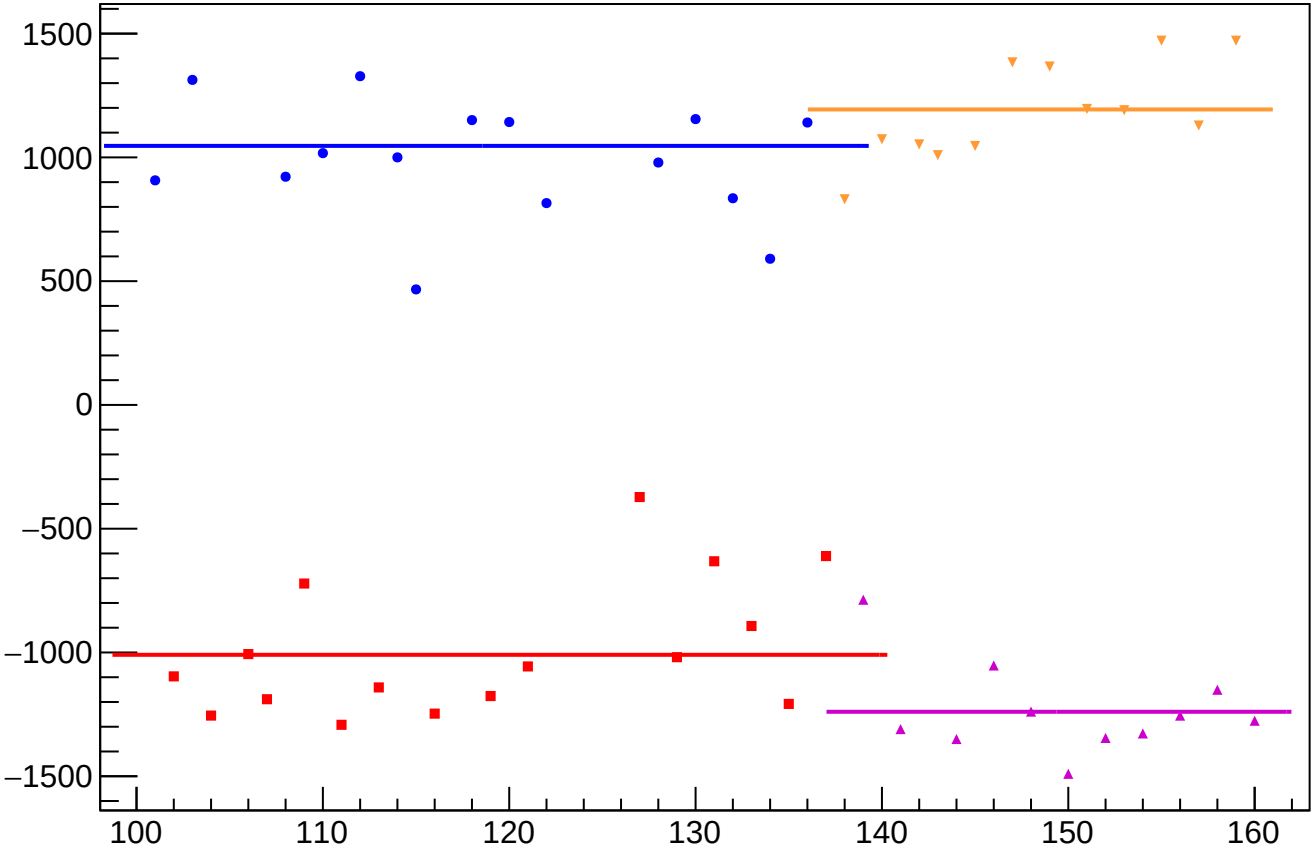
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
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



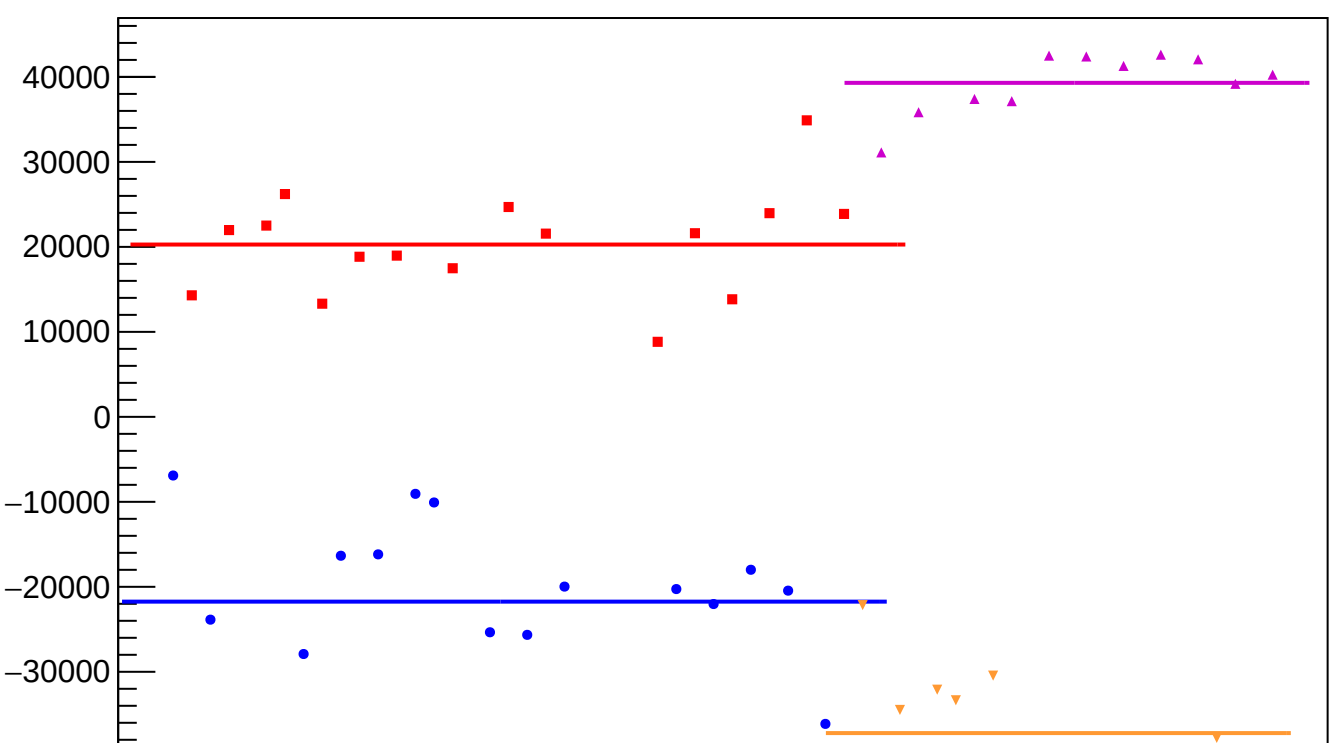
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 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



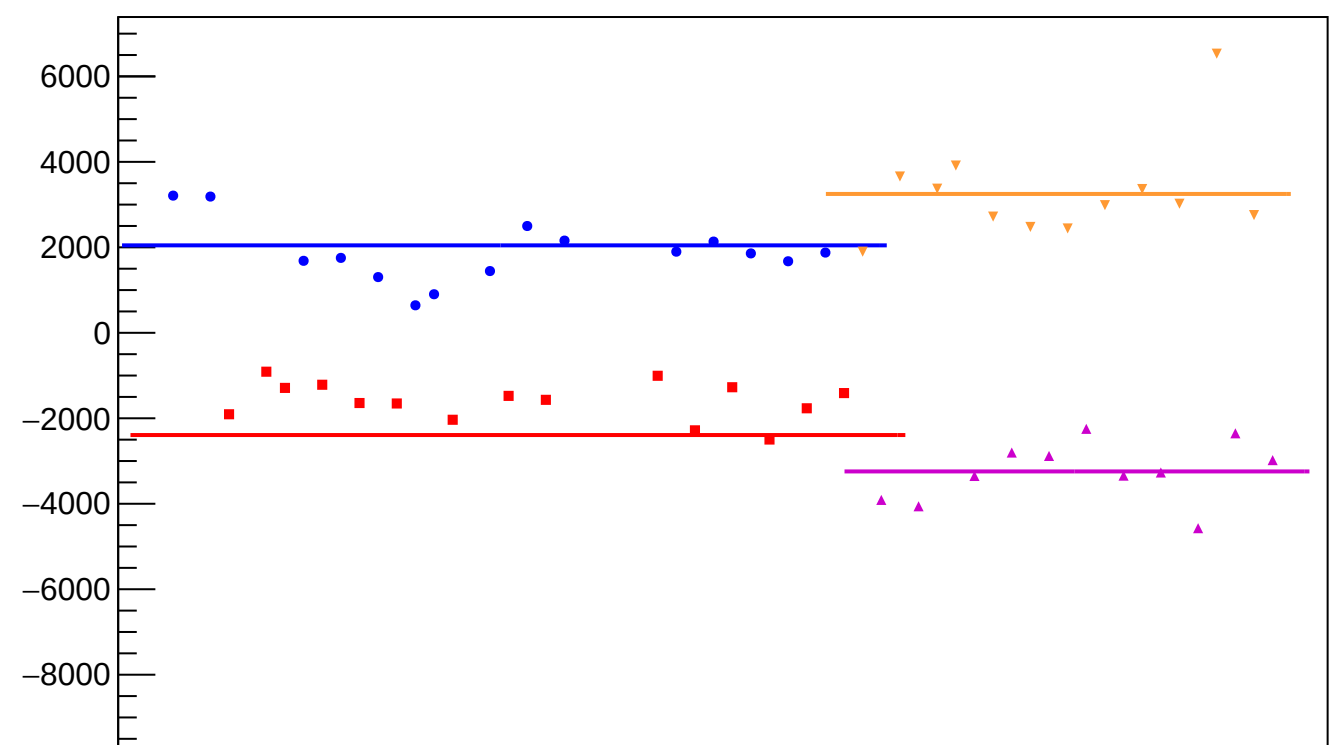
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



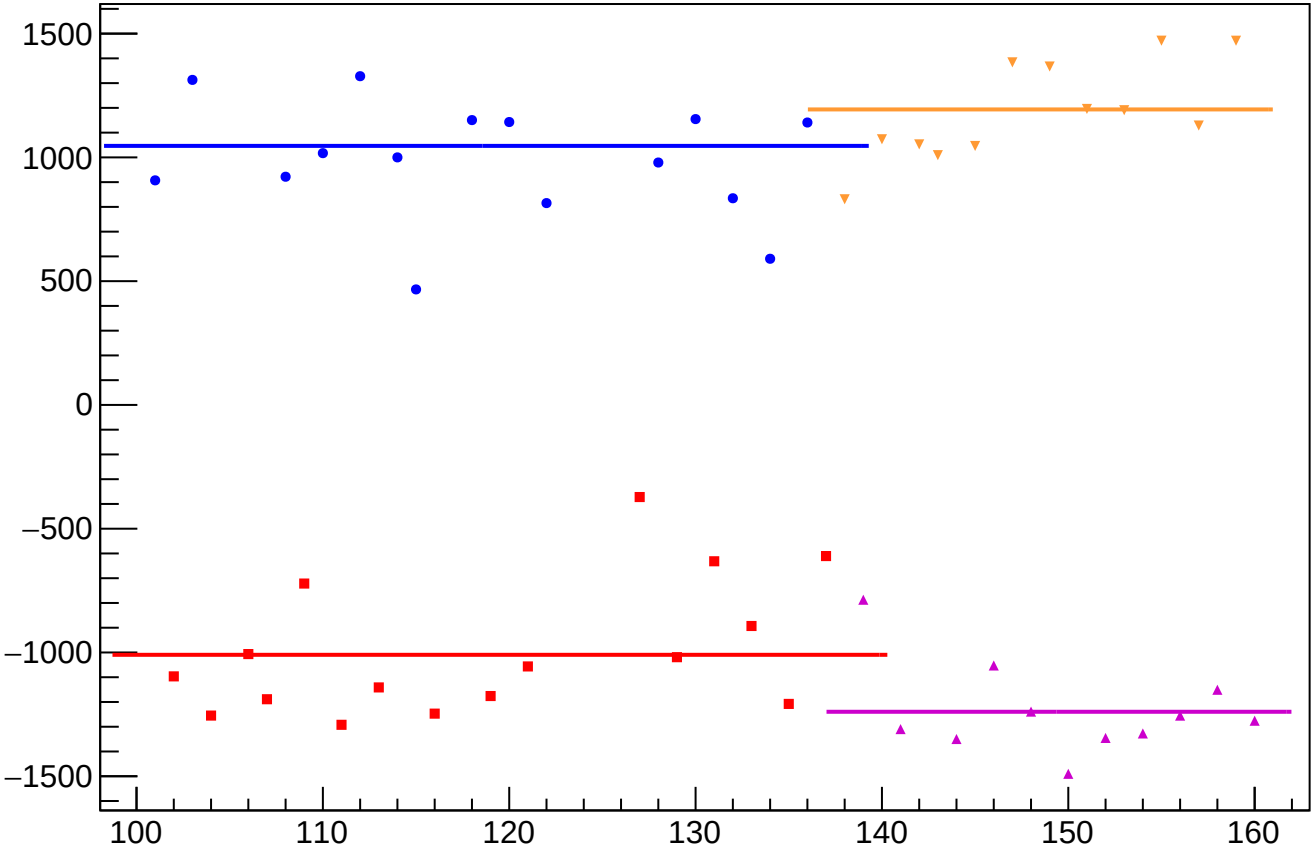
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
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

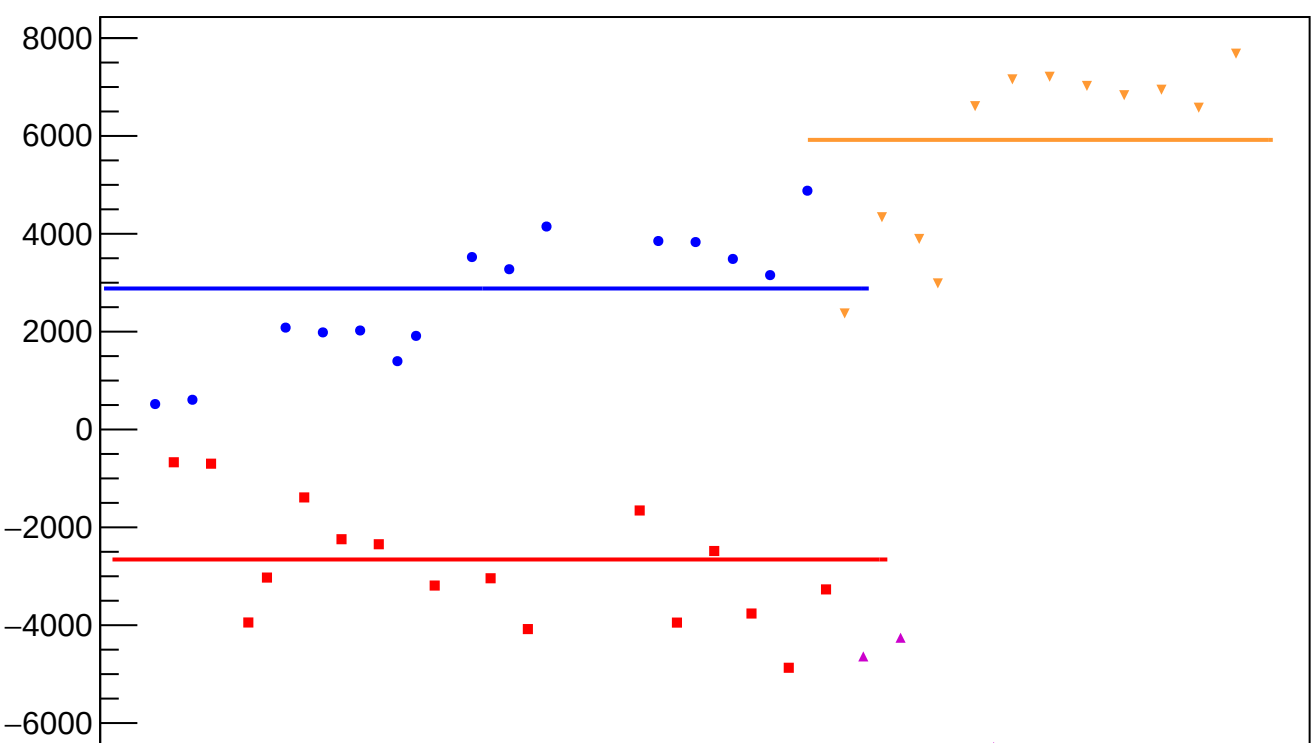
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

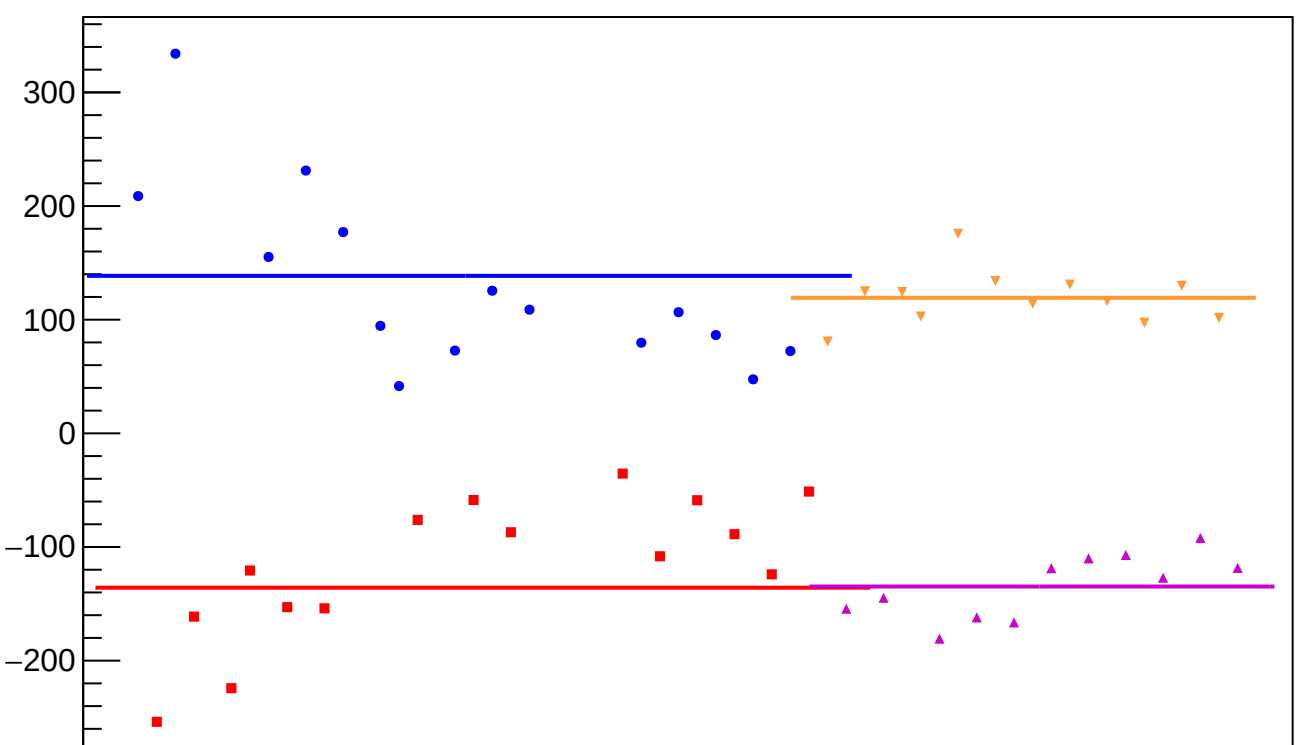
All: -15.348+/-0.000 χ^2/NDF: 424479012287

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

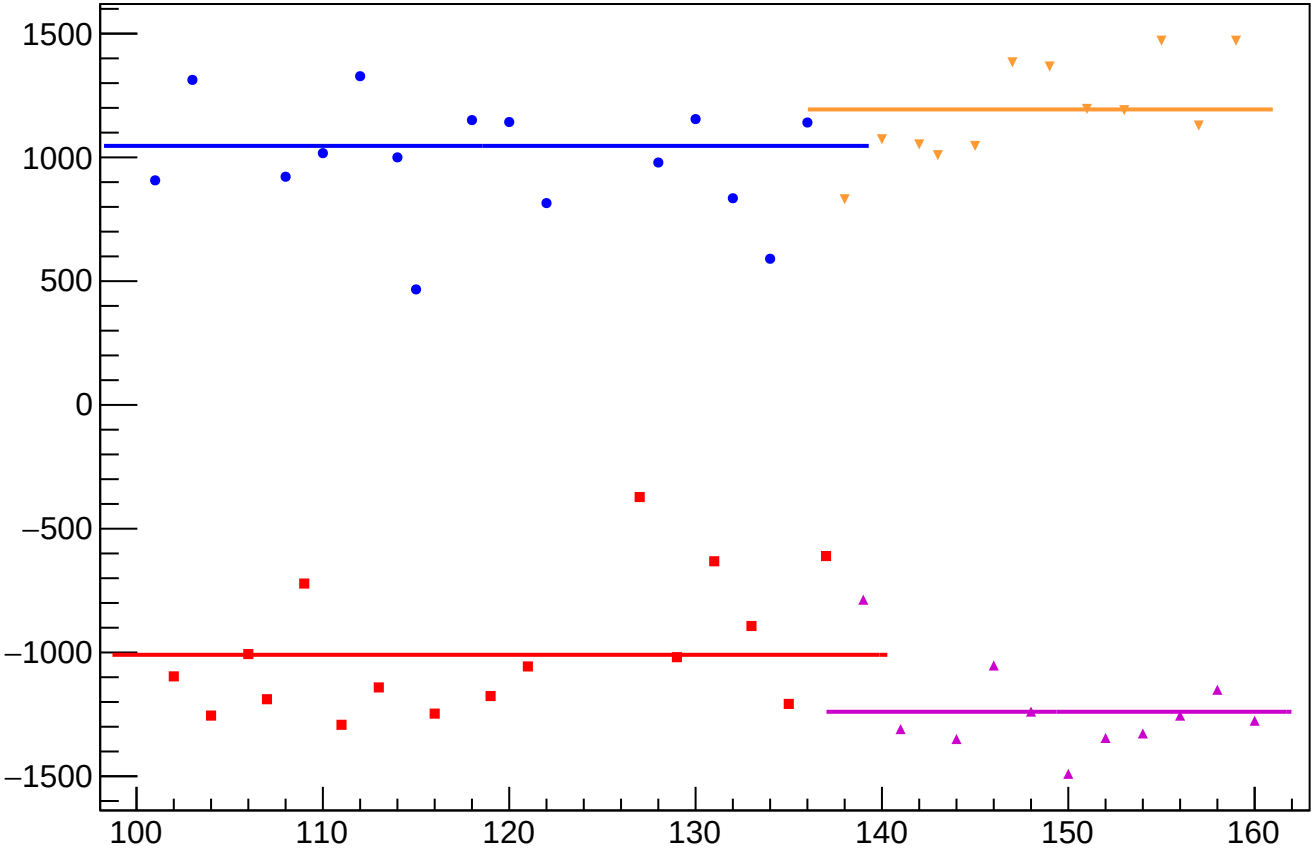
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

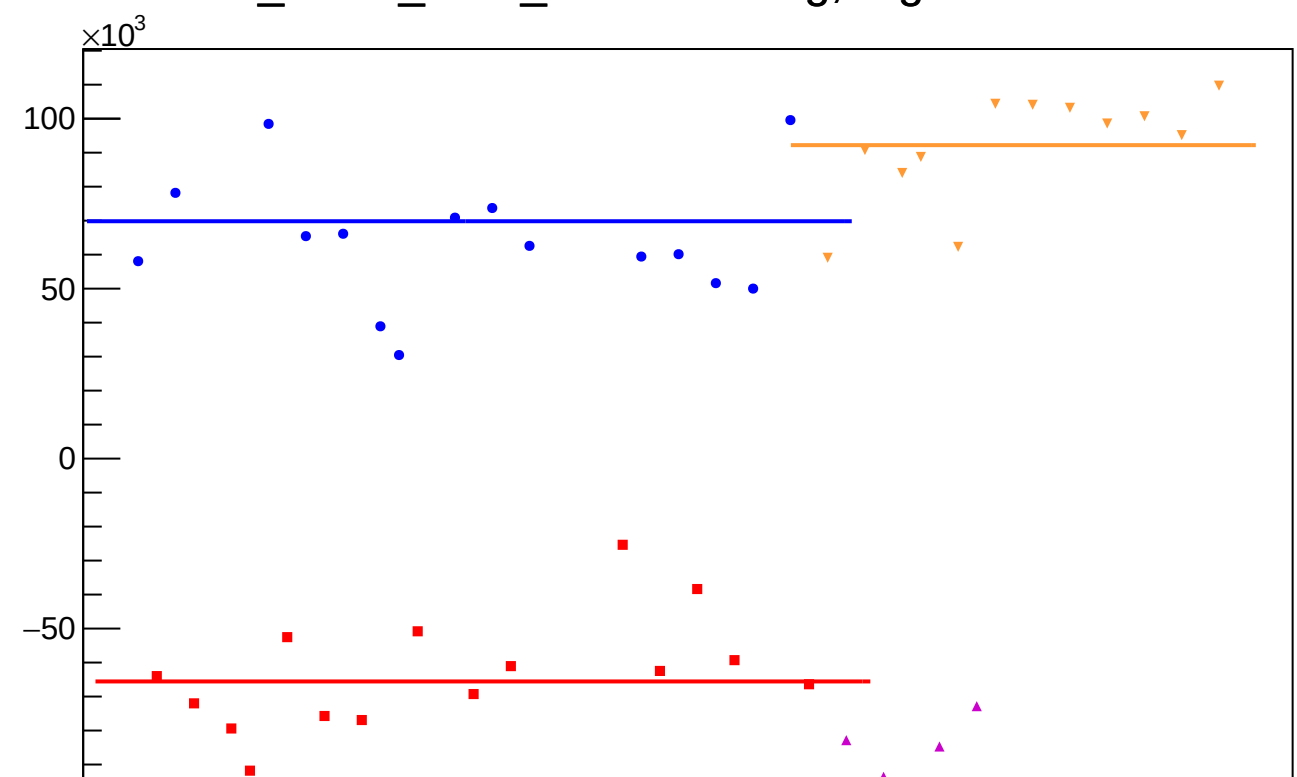
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

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

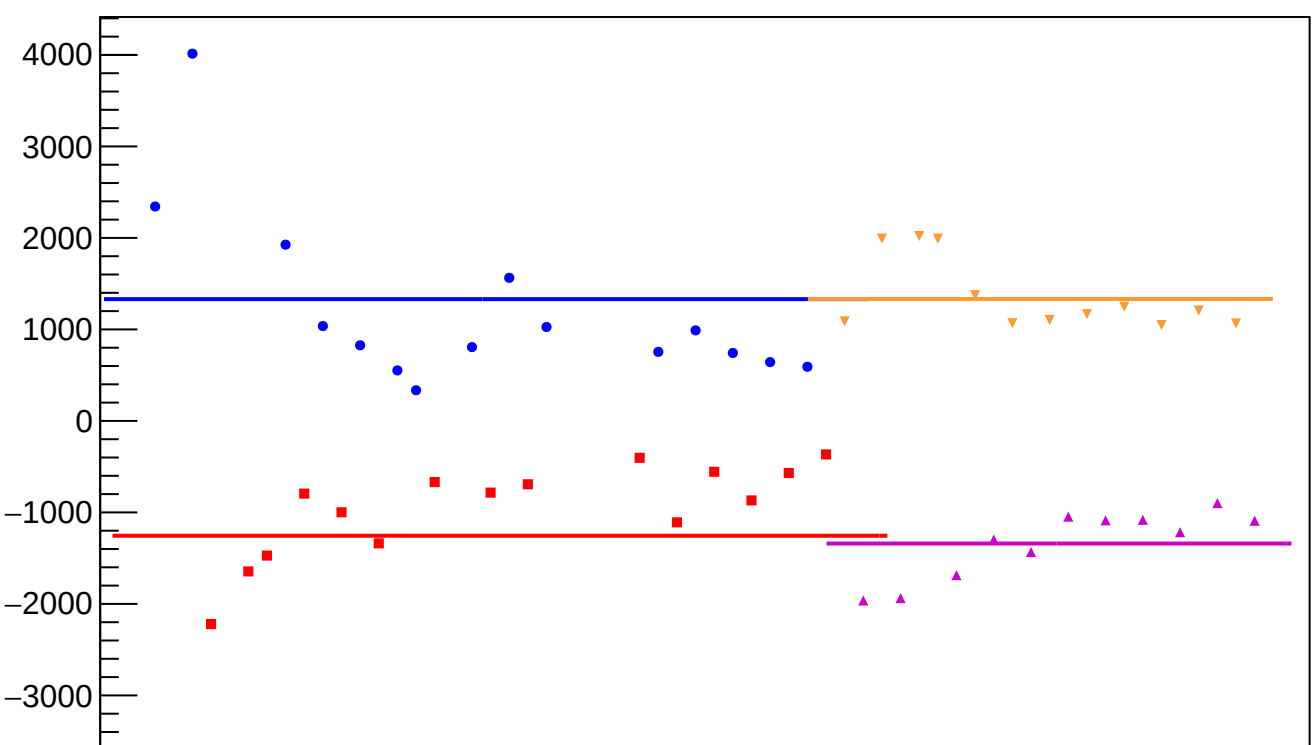
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

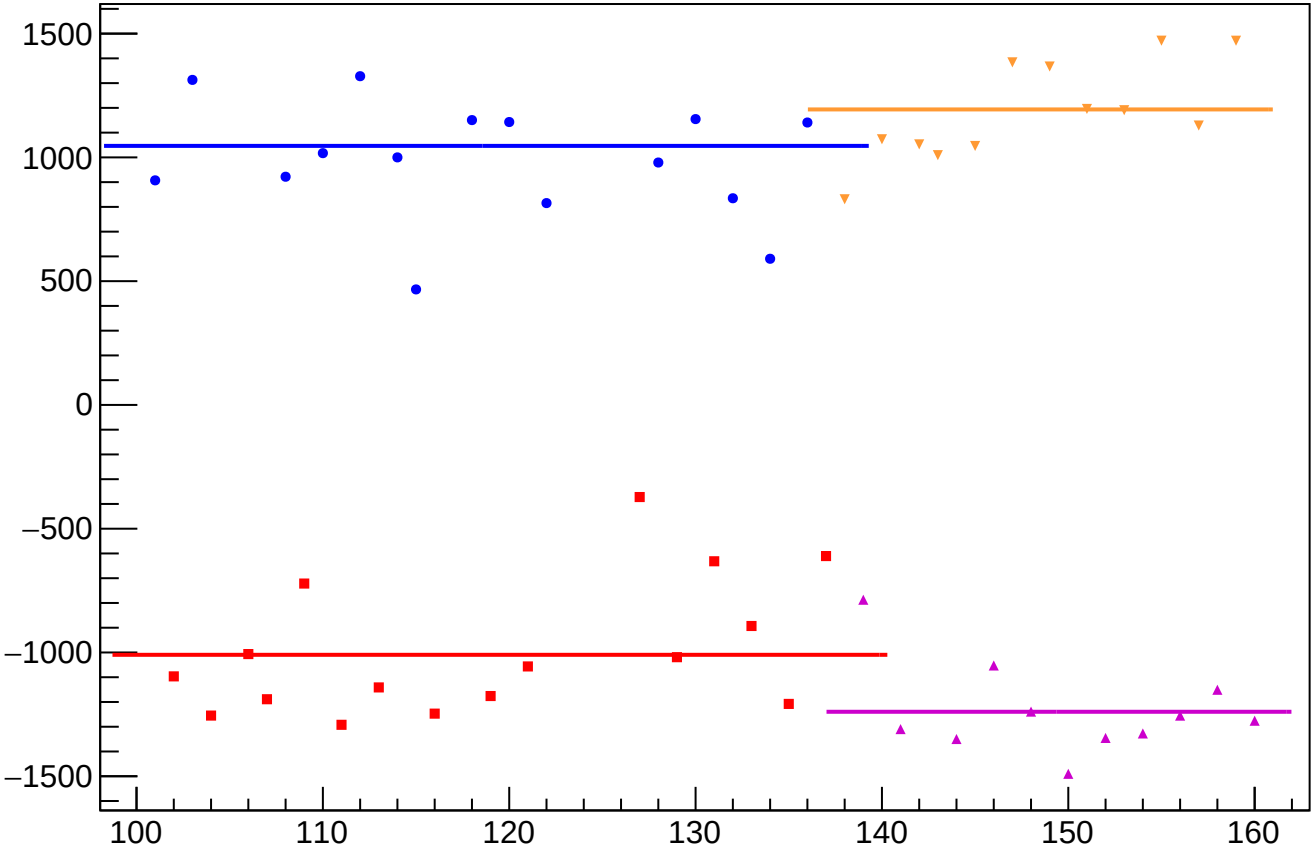
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



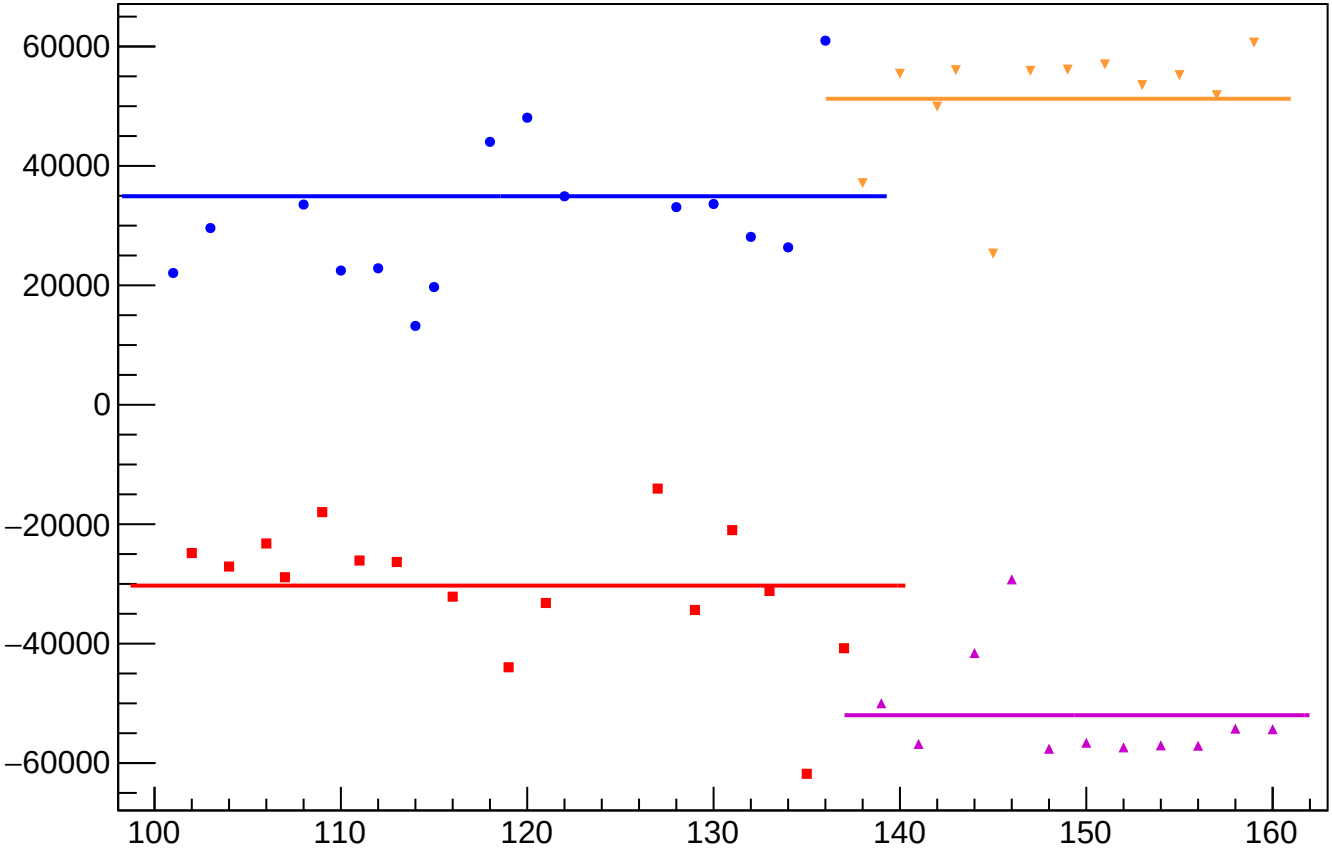
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
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

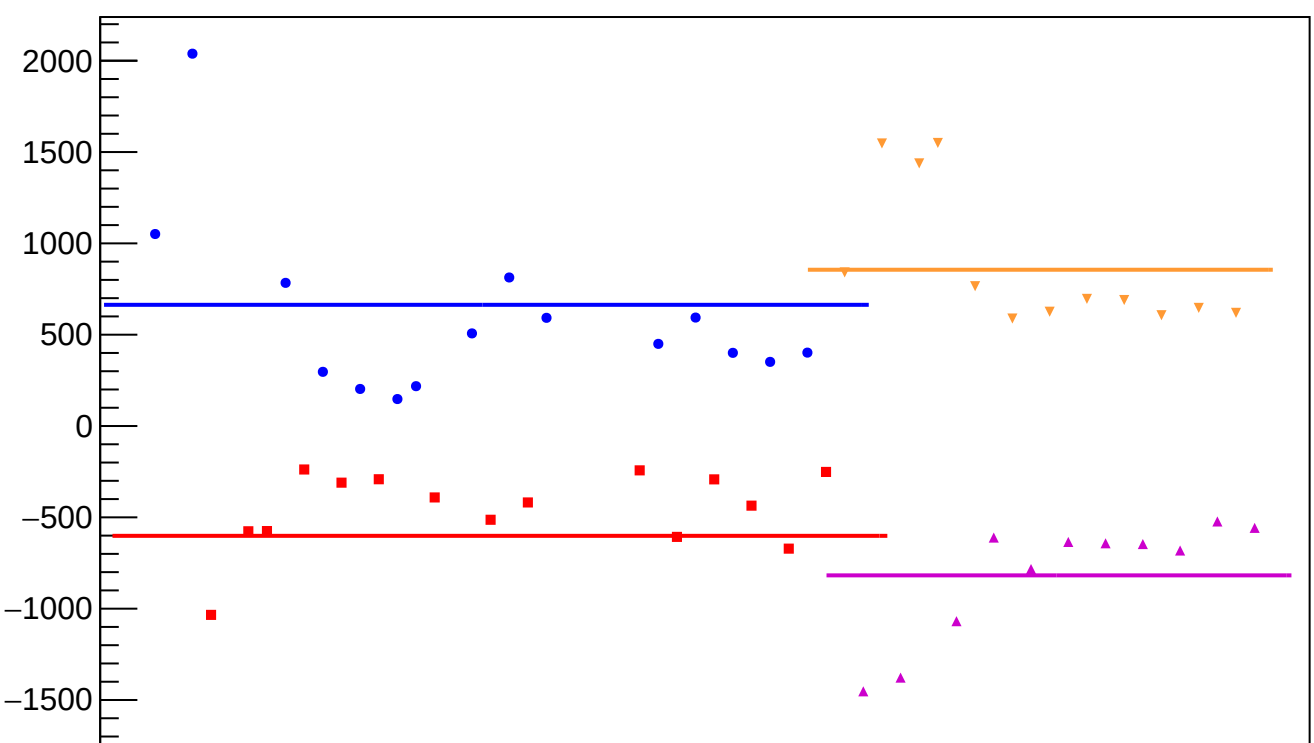
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

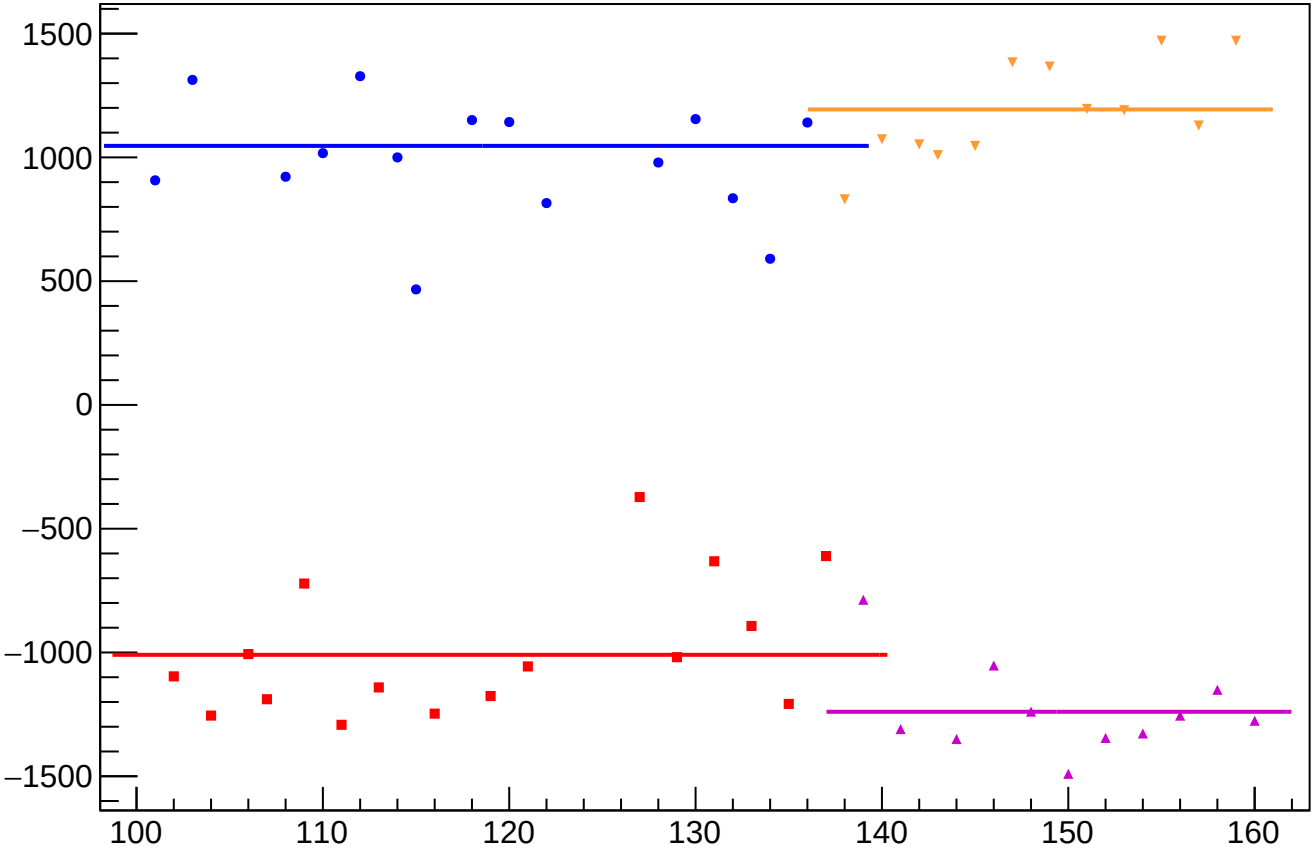
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



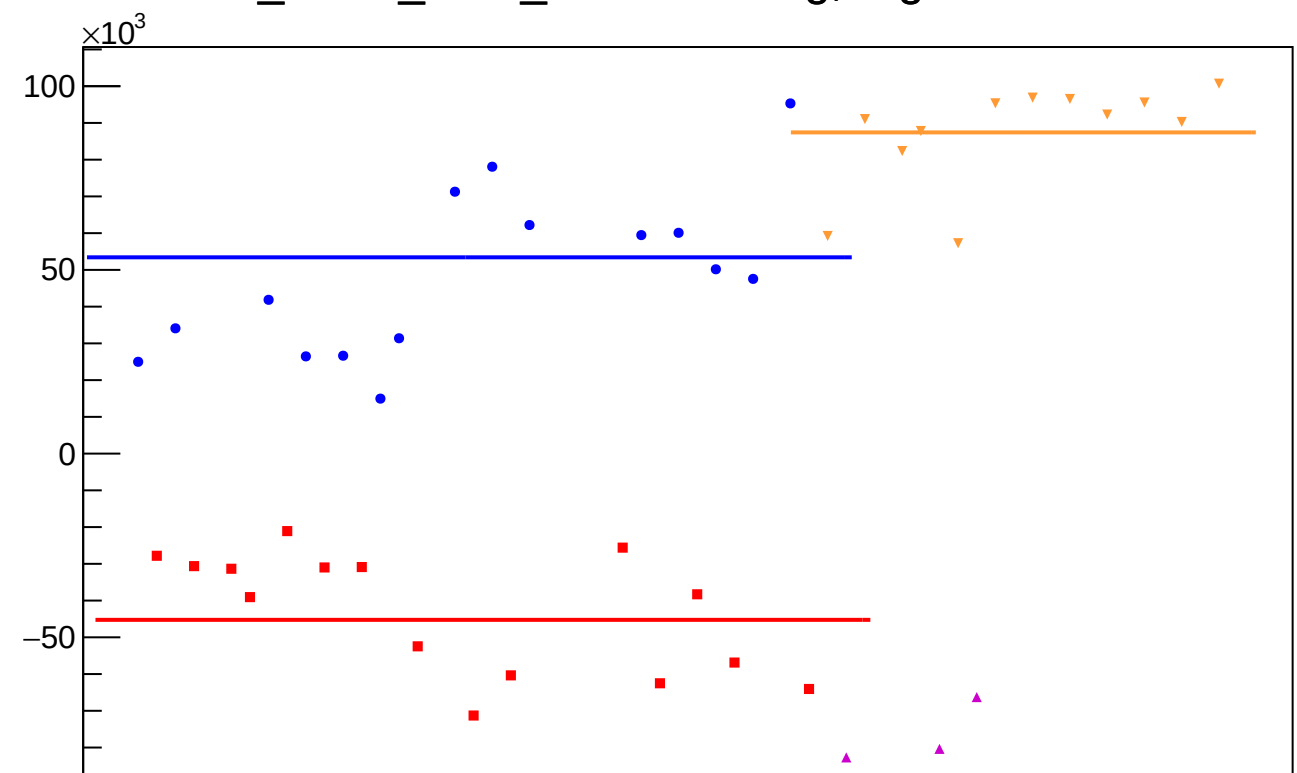
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
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

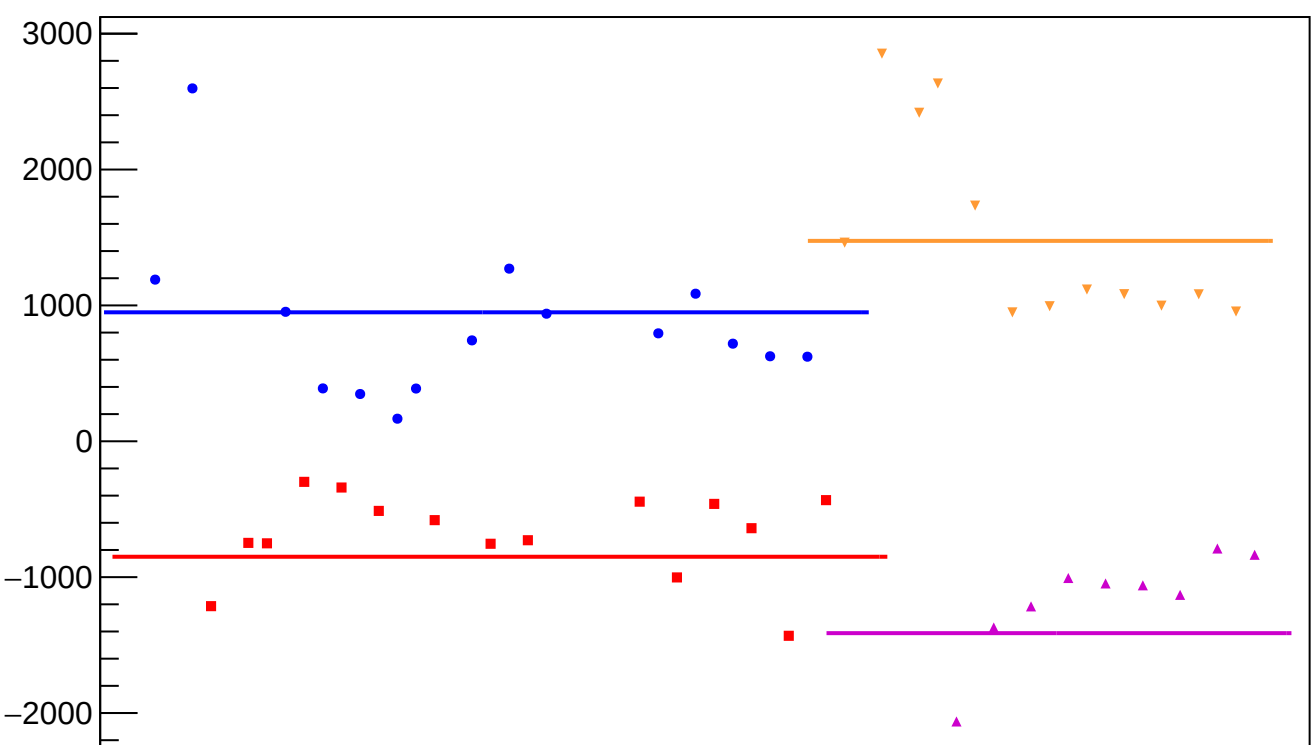
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

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

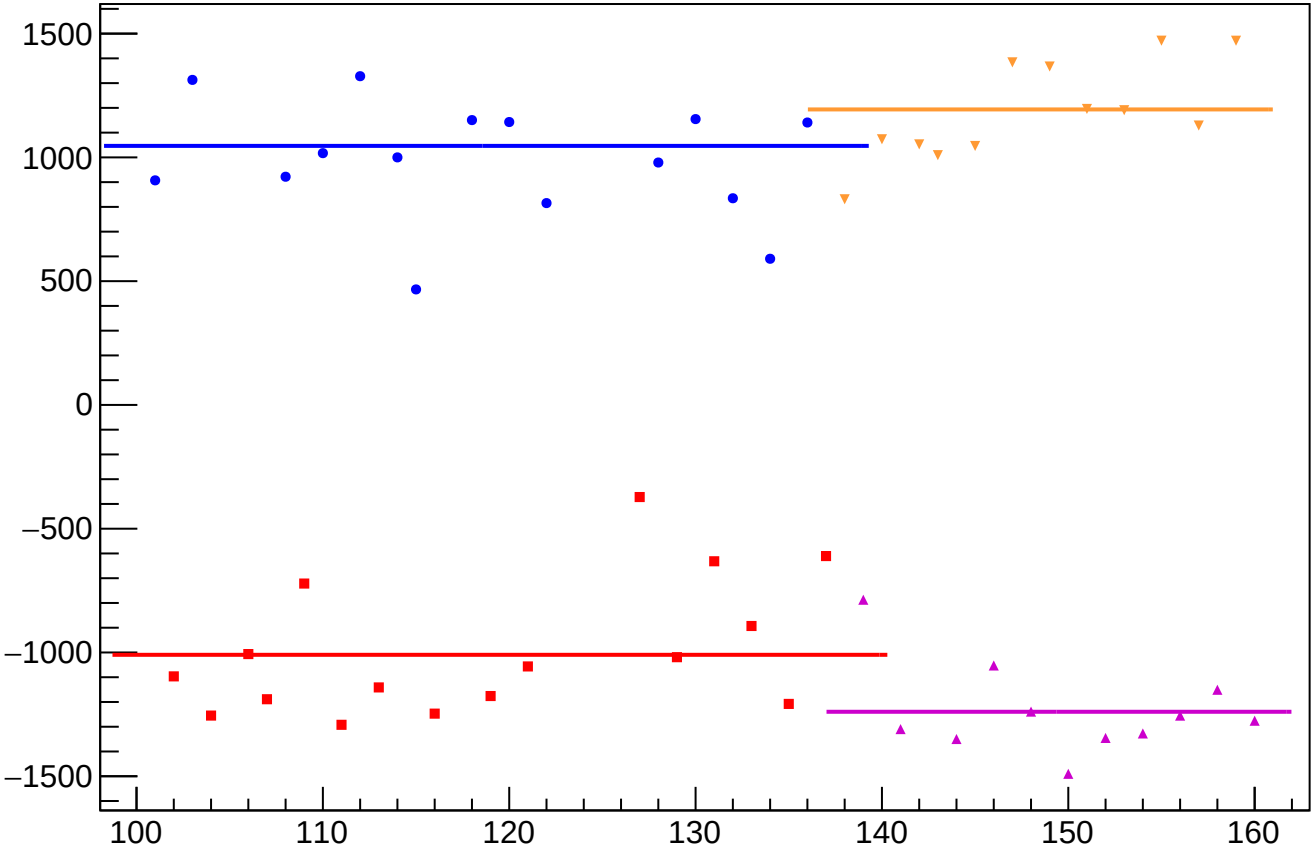
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

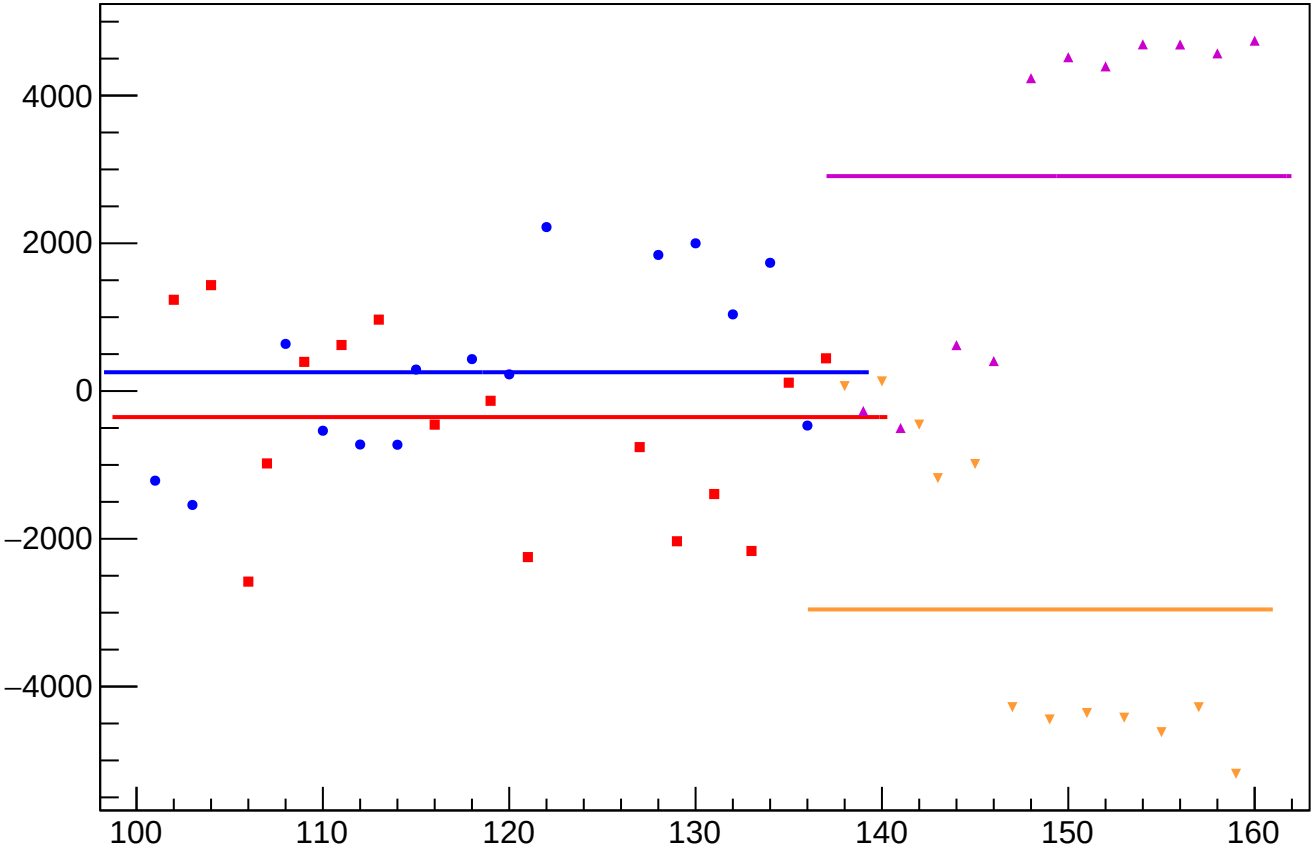
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

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

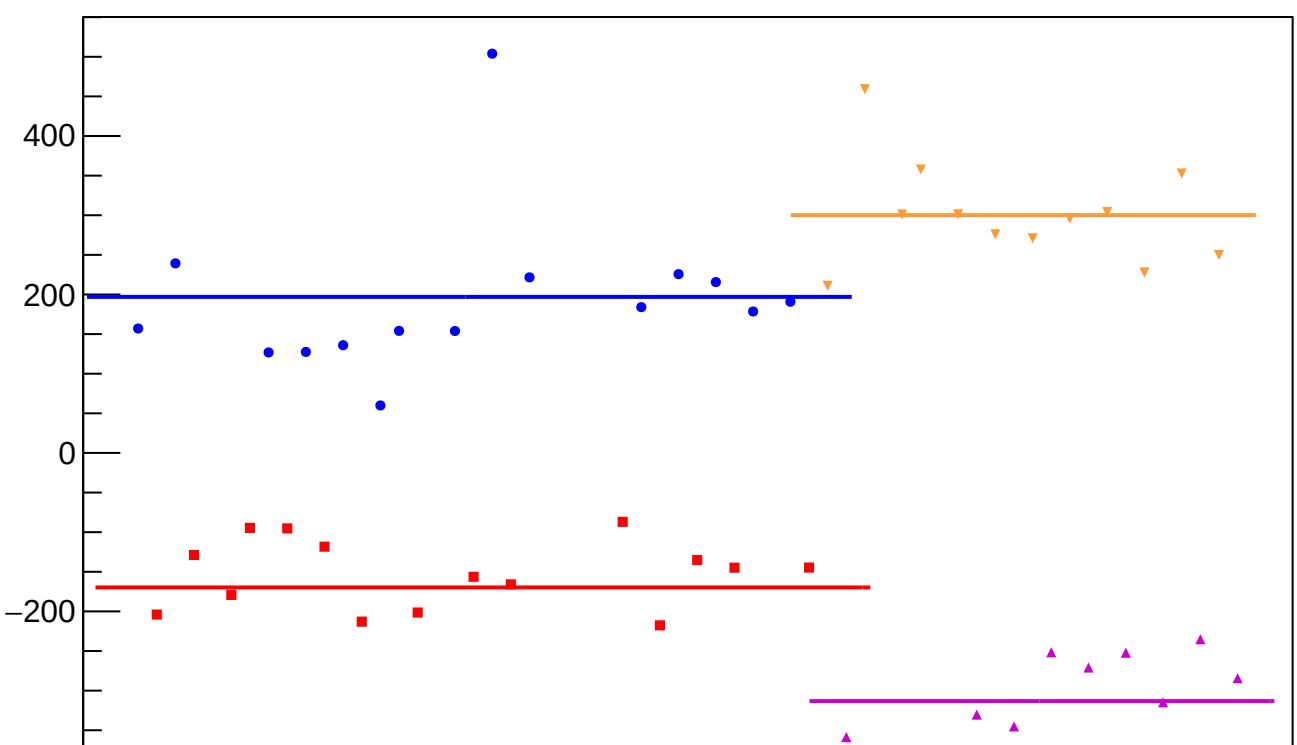
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

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

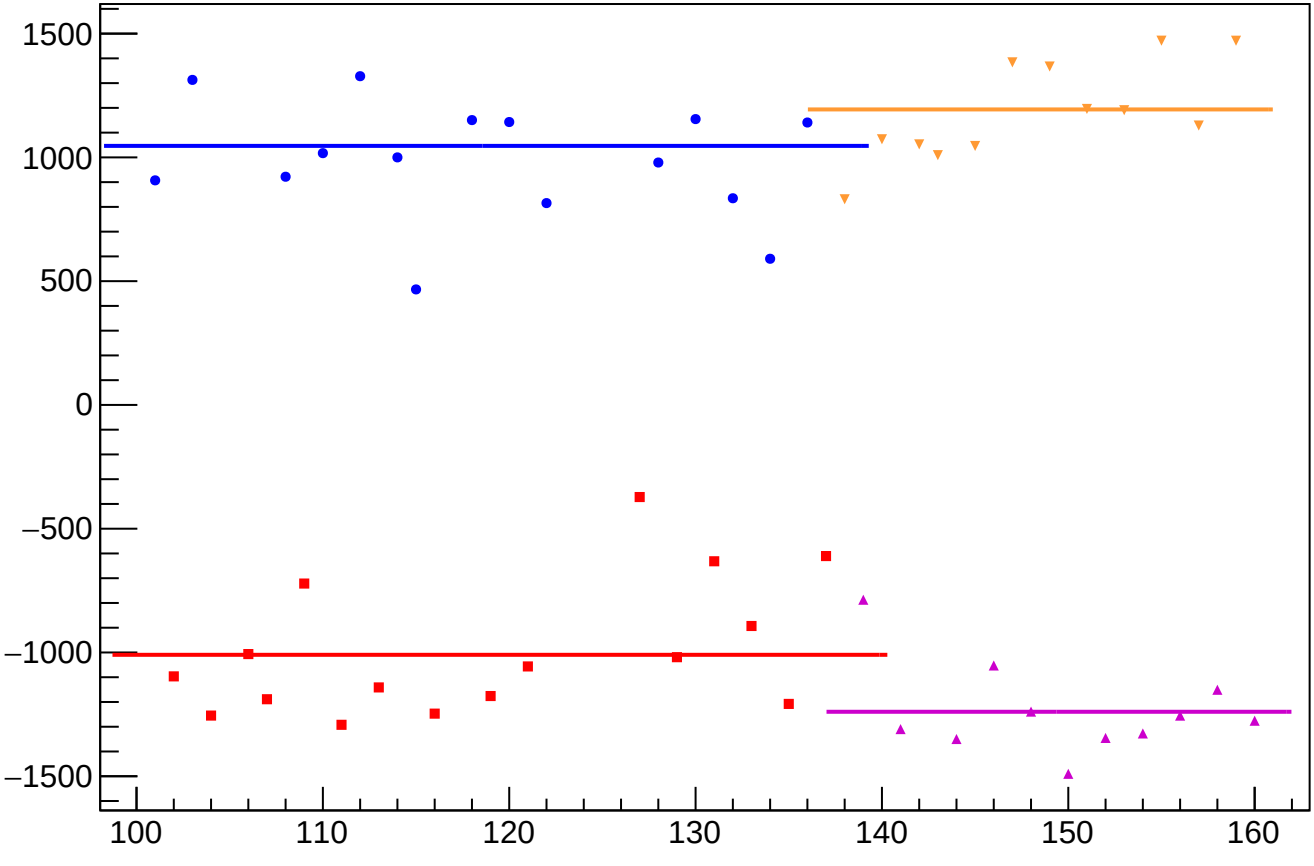
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

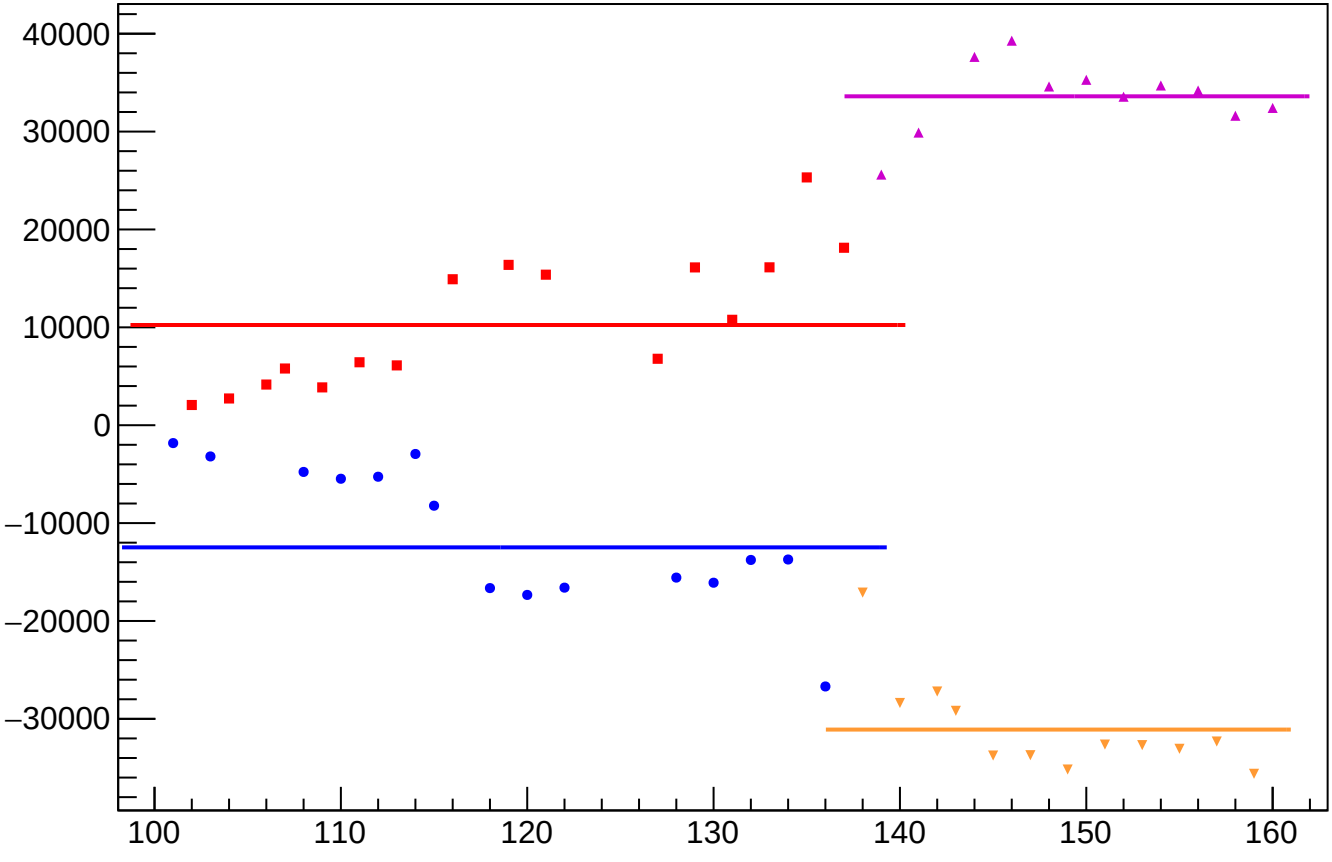
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

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

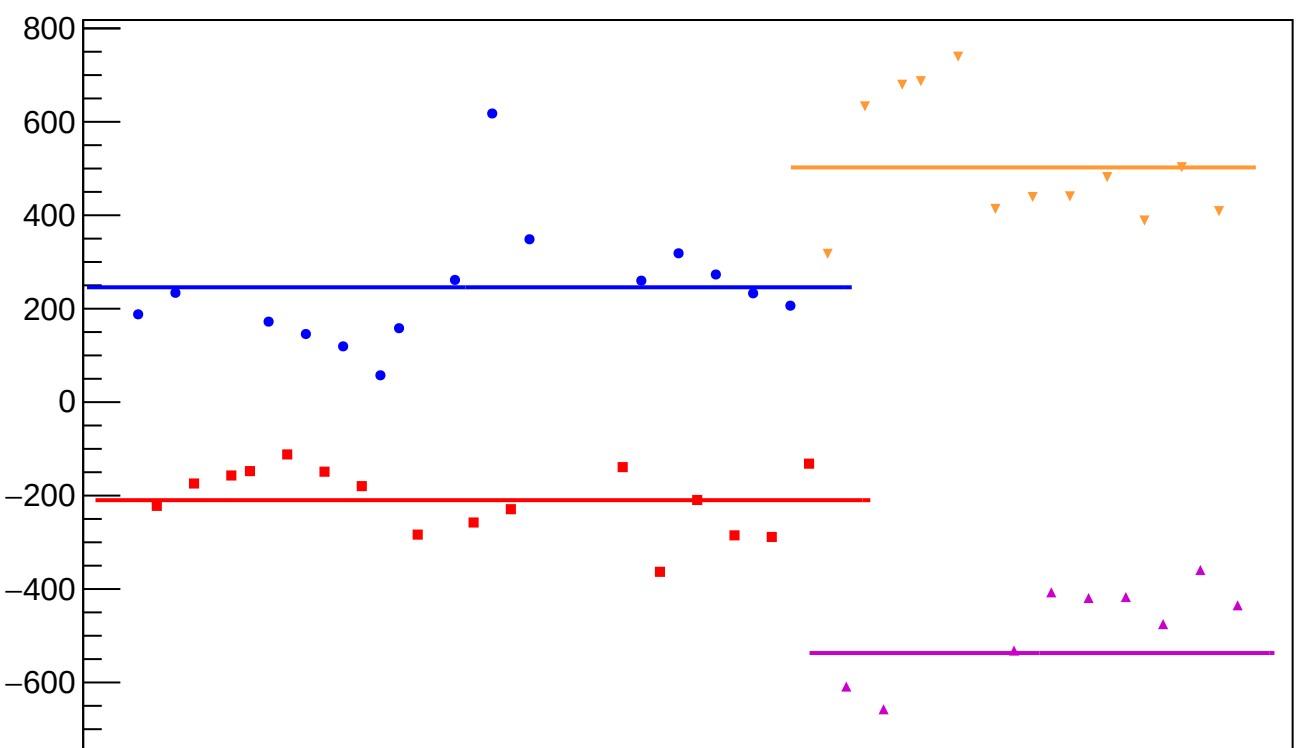
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

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

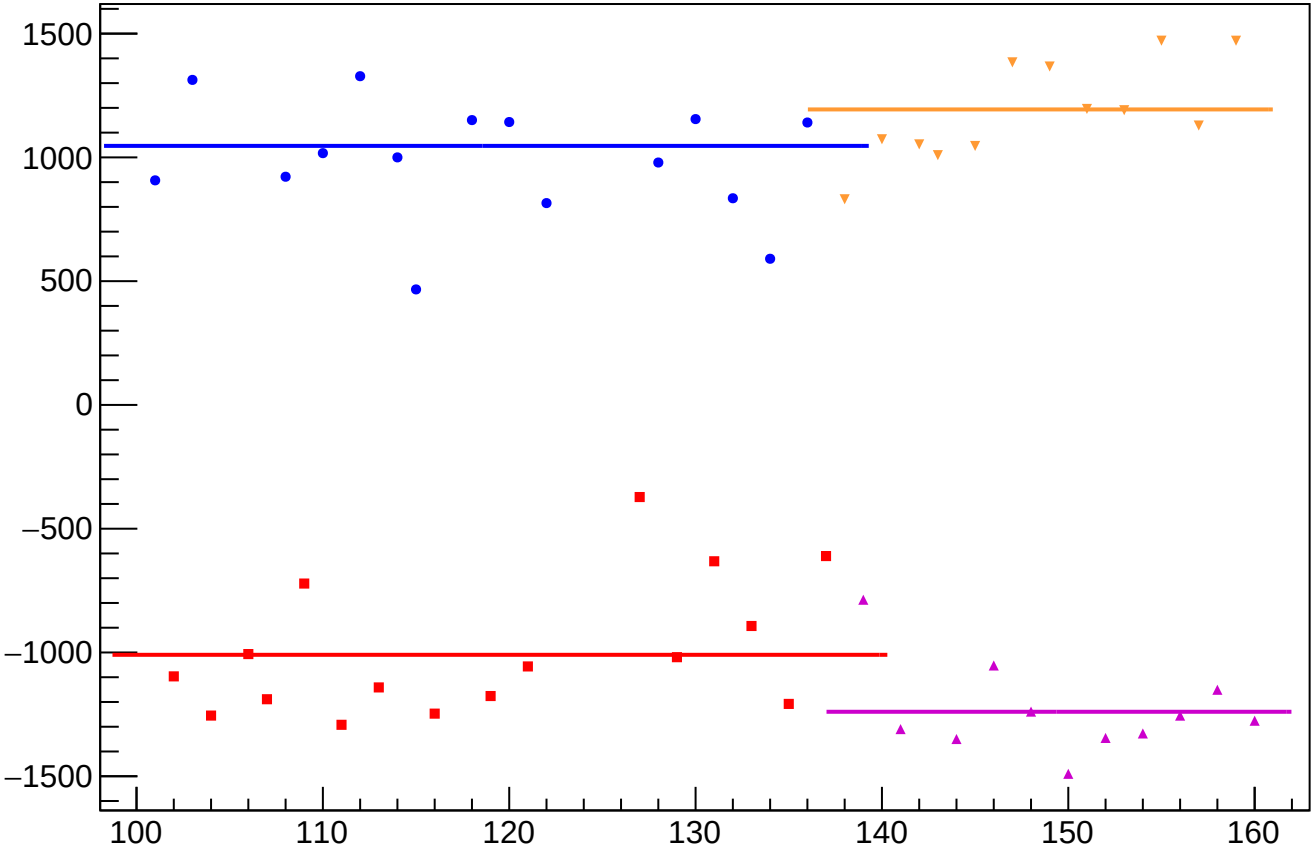
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

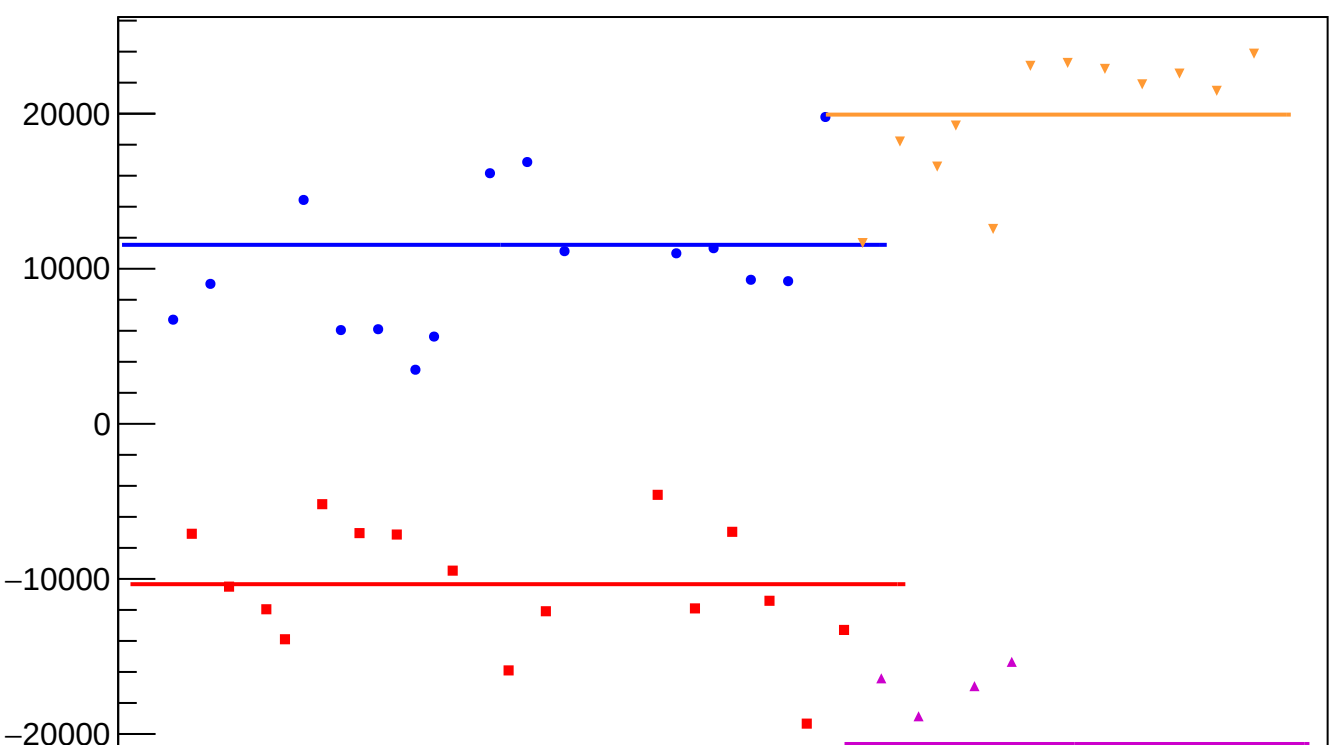
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

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

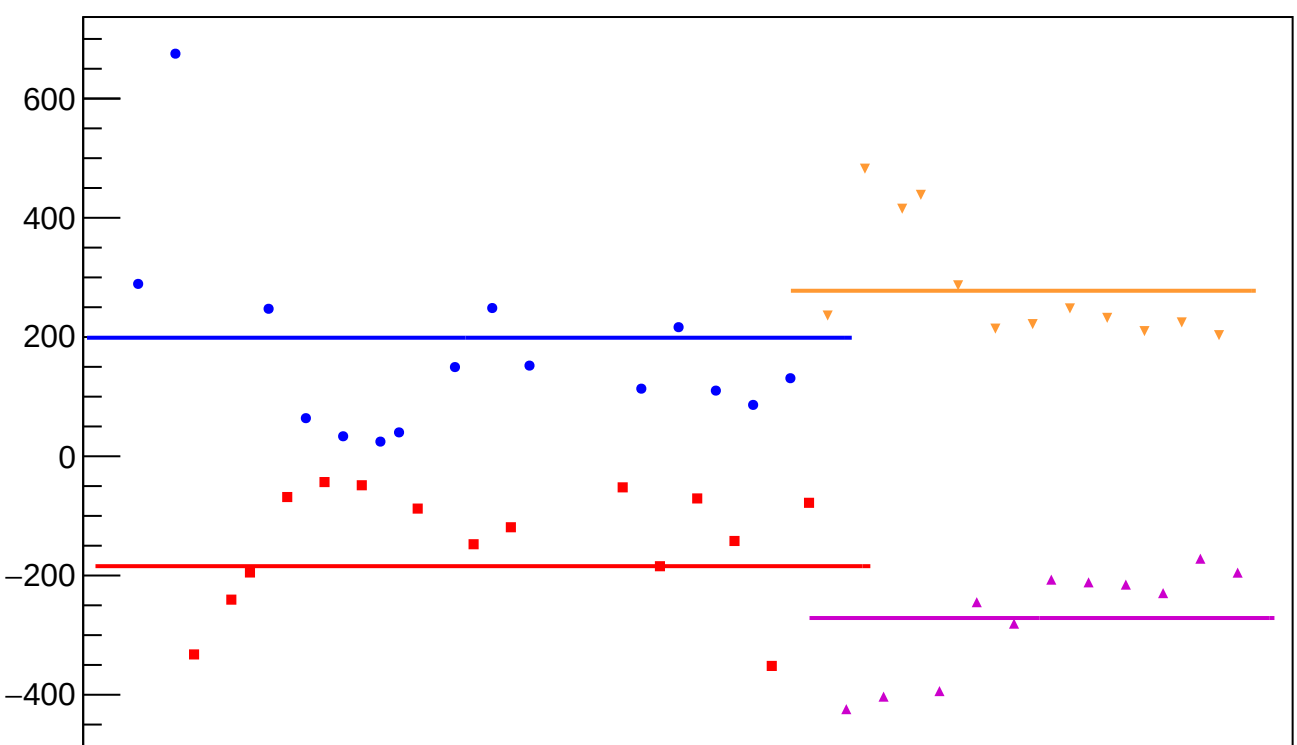
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

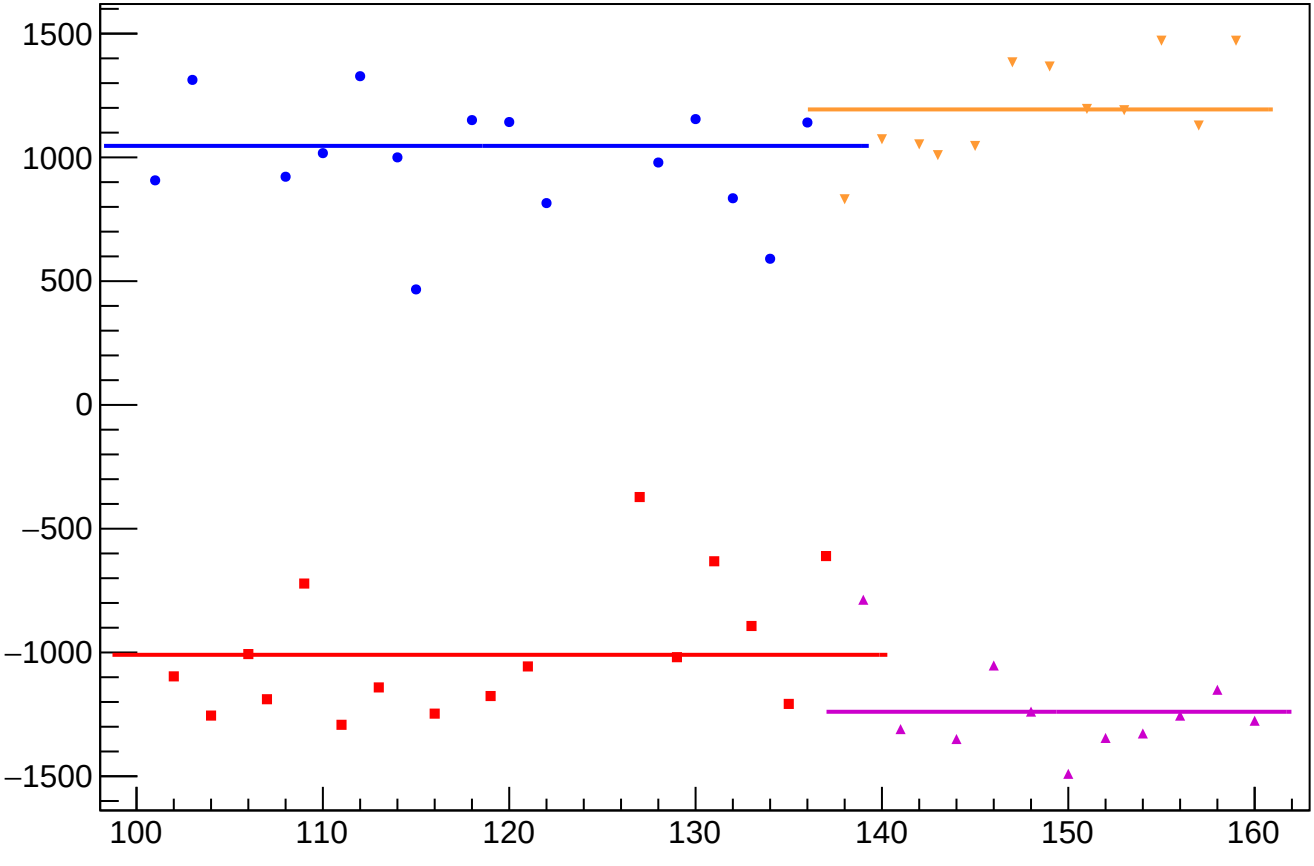
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



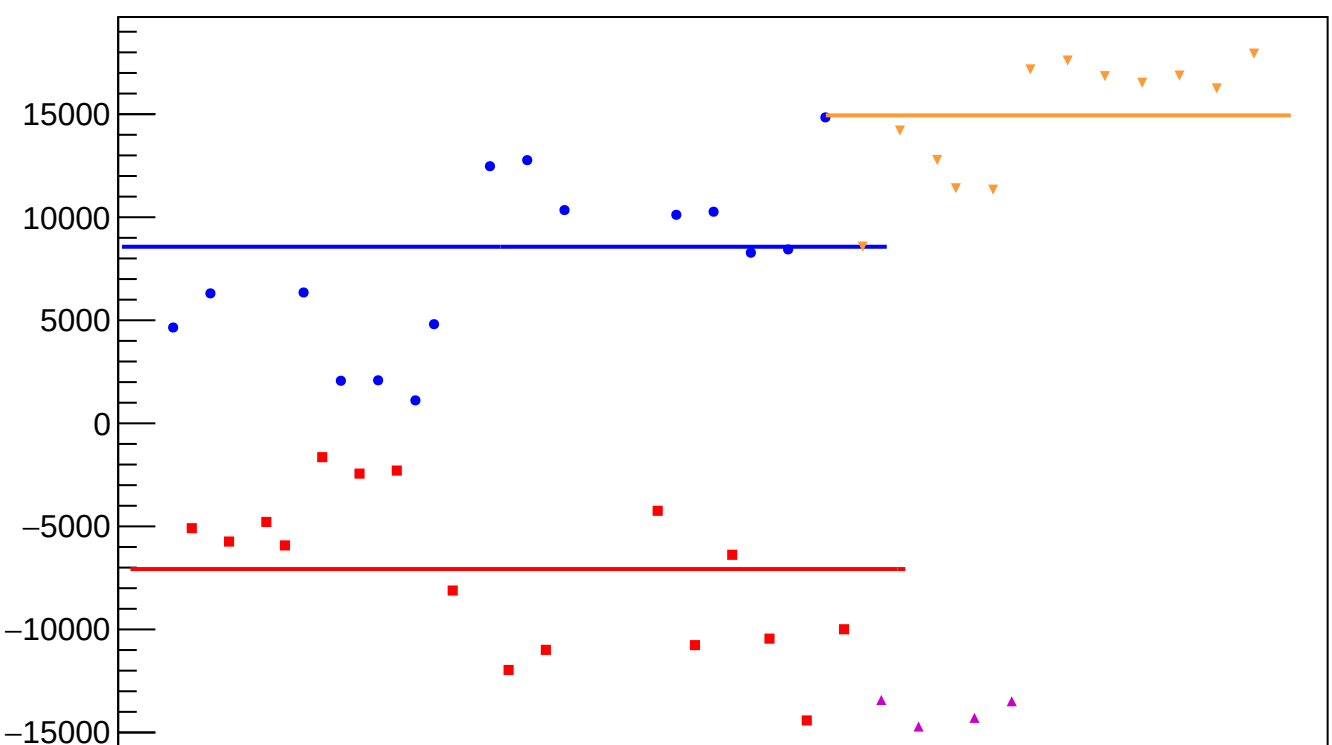
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right 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



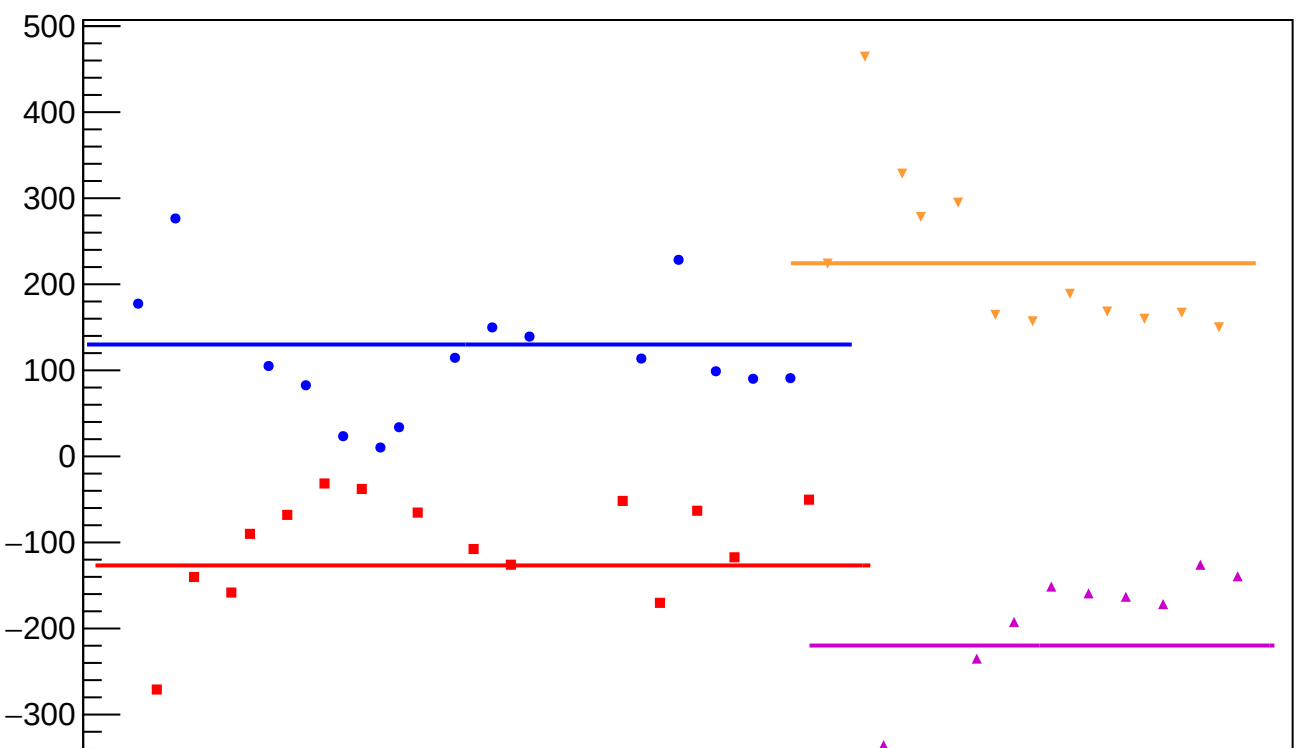
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



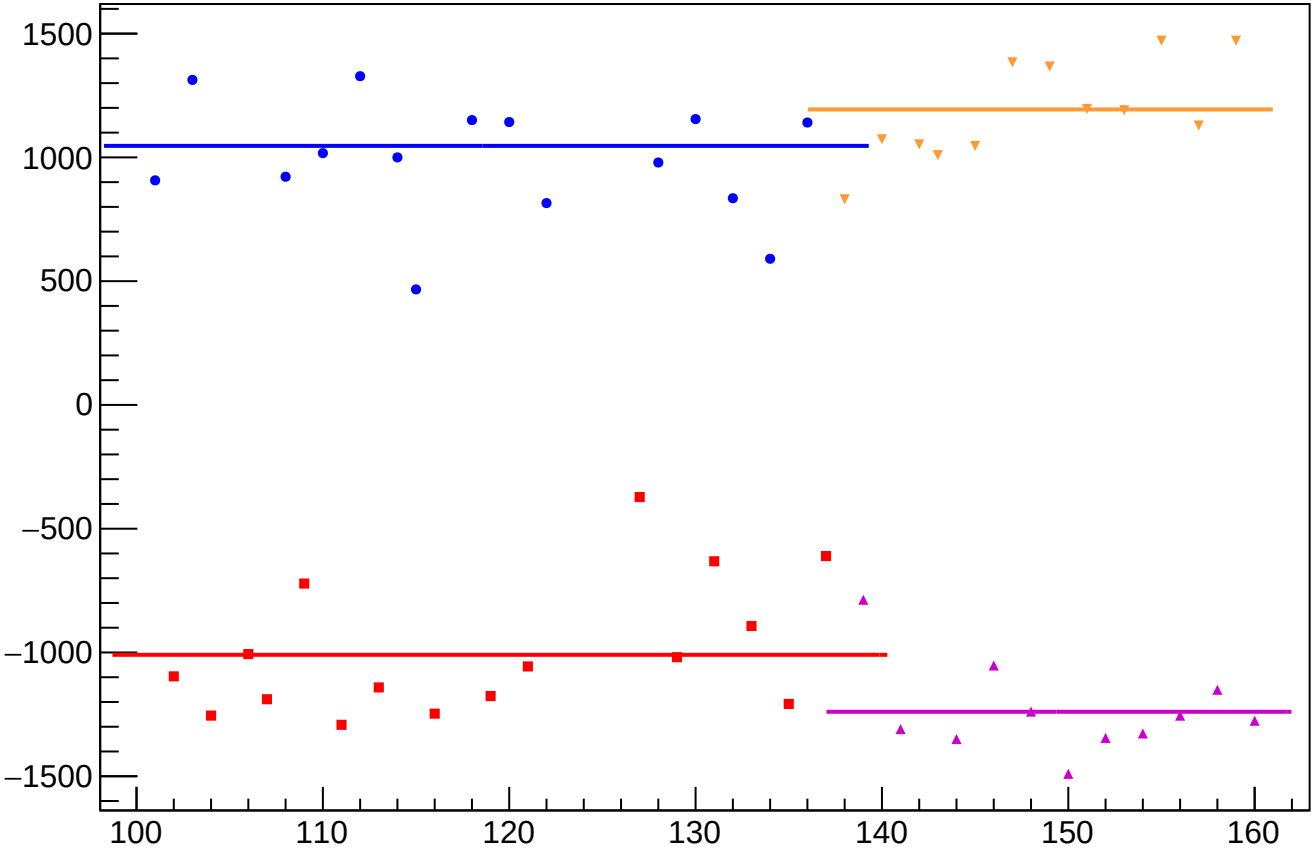
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
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



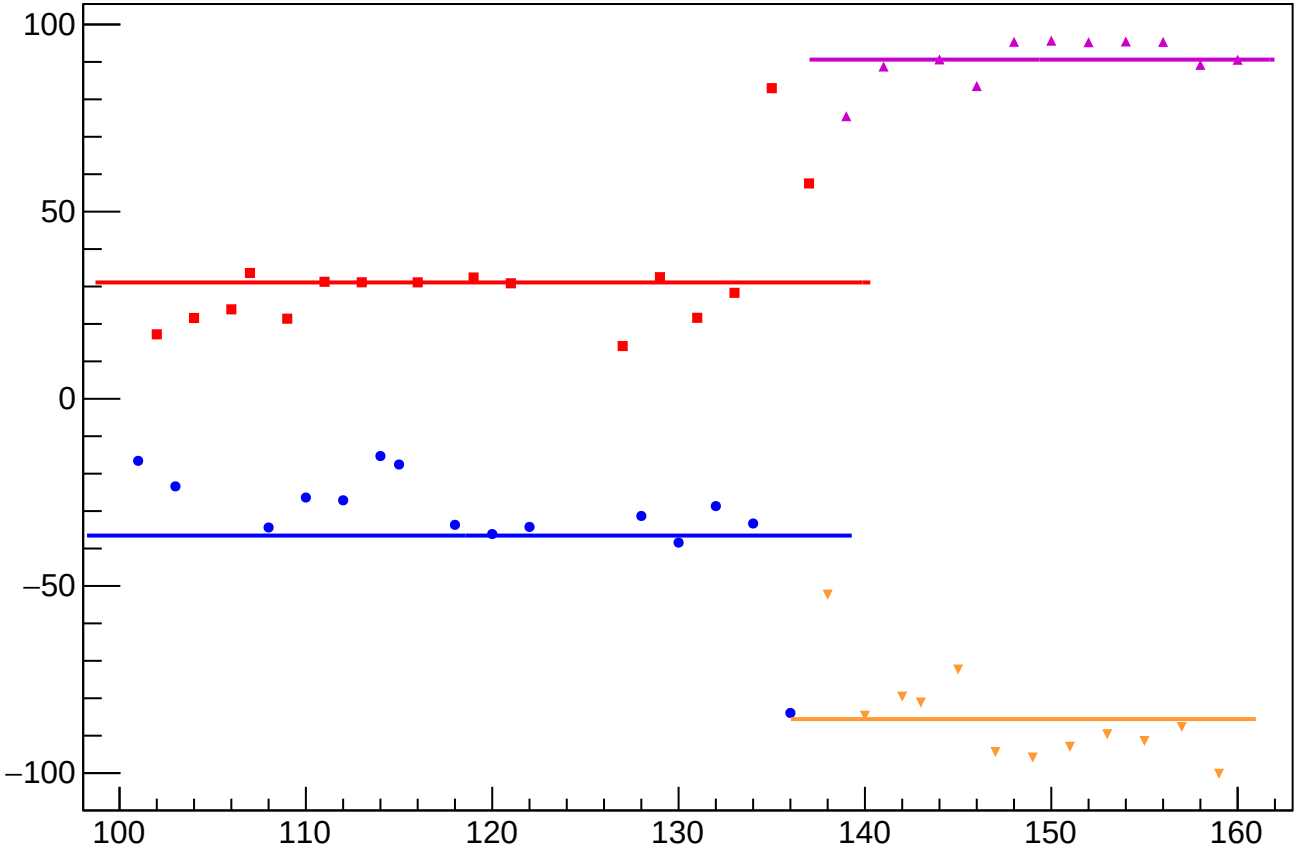
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right 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



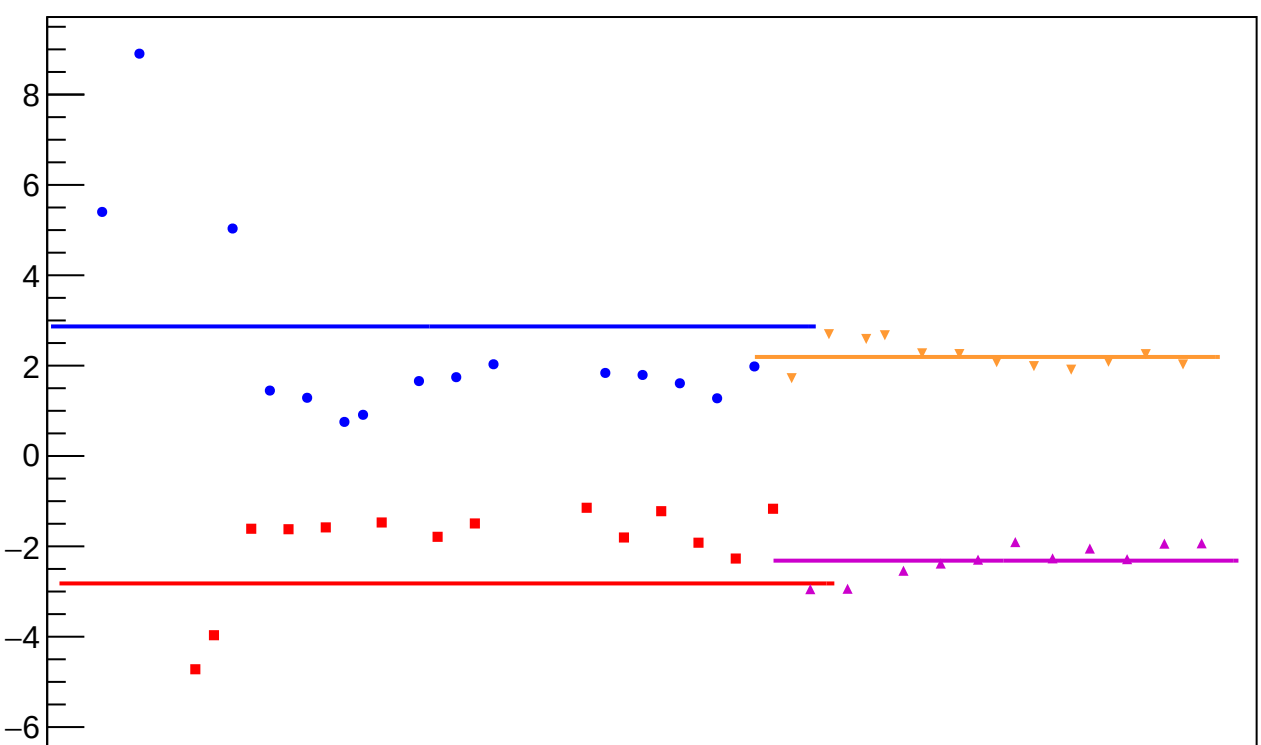
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

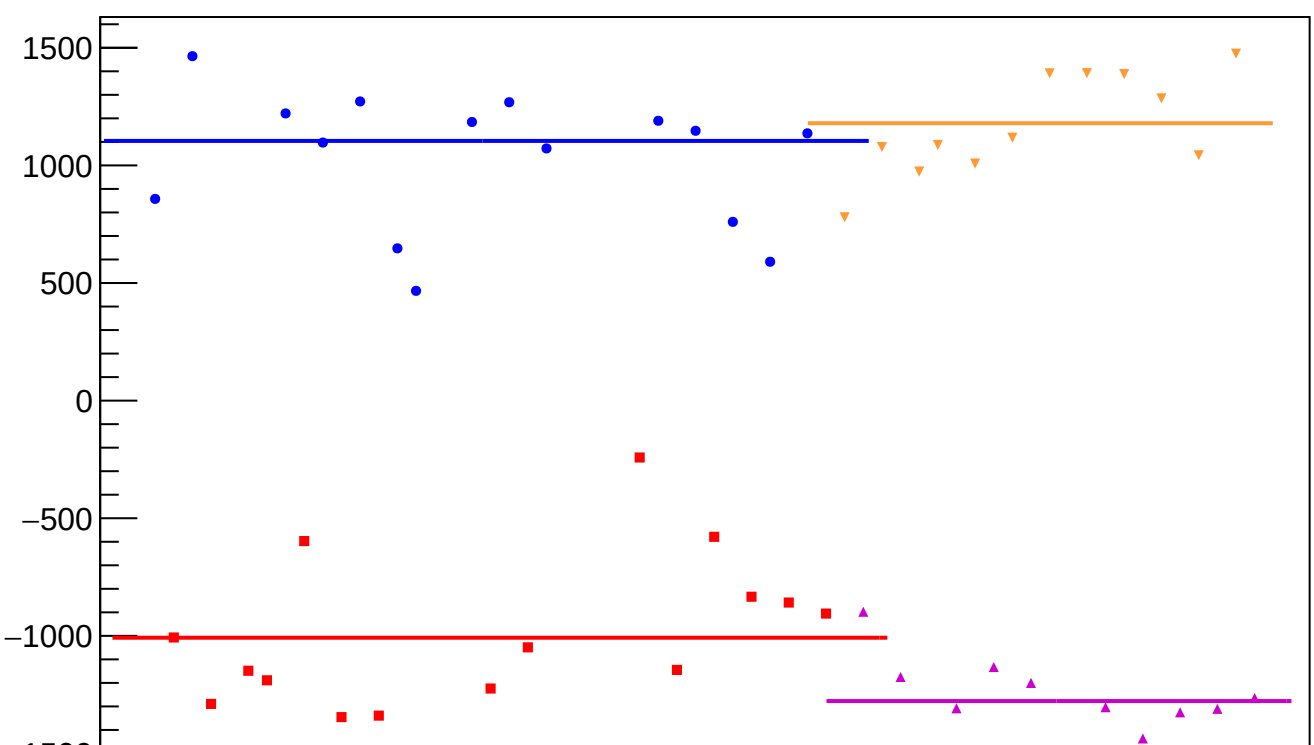
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

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

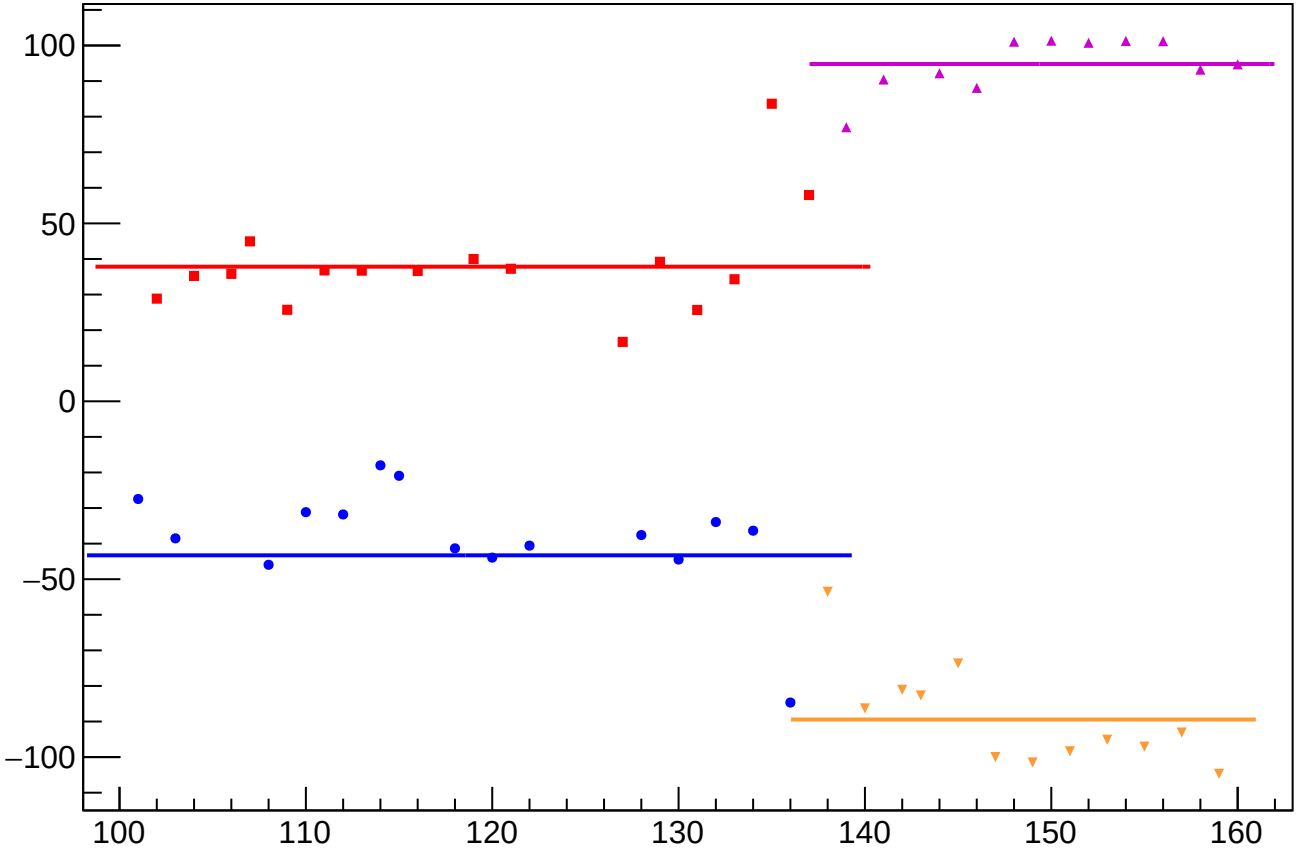
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

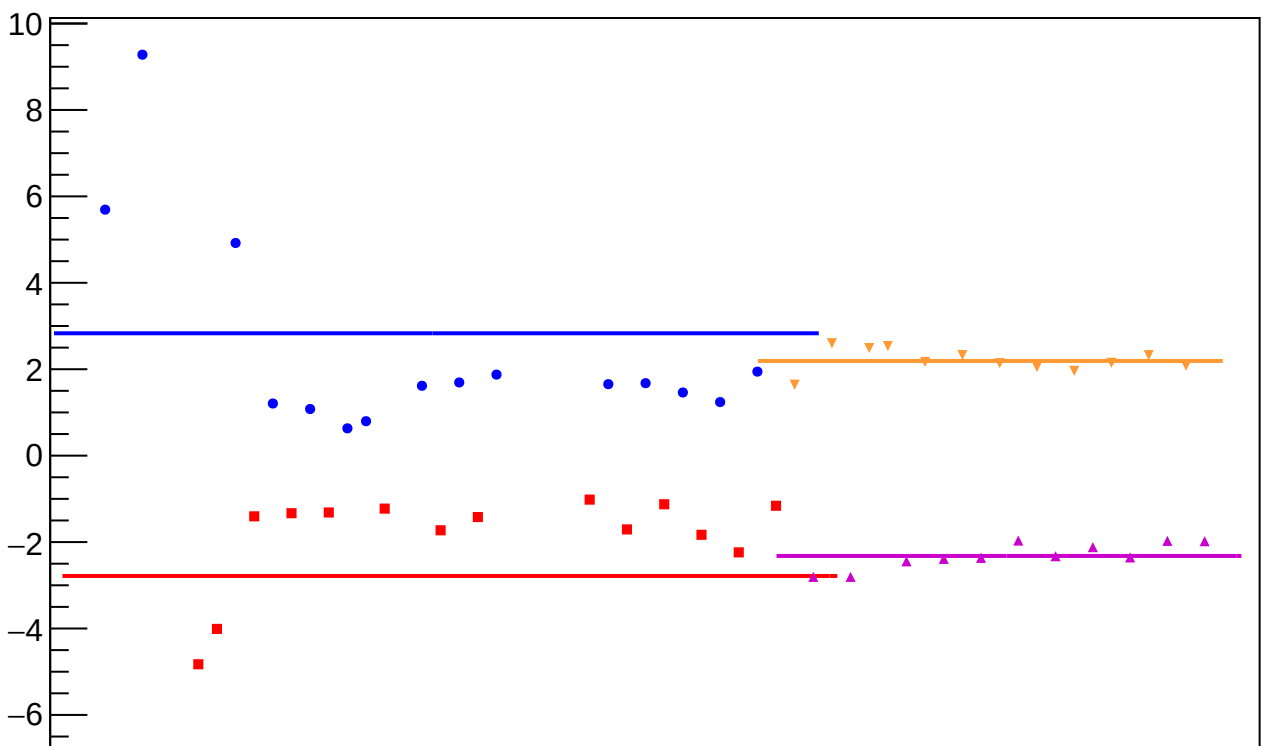
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

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

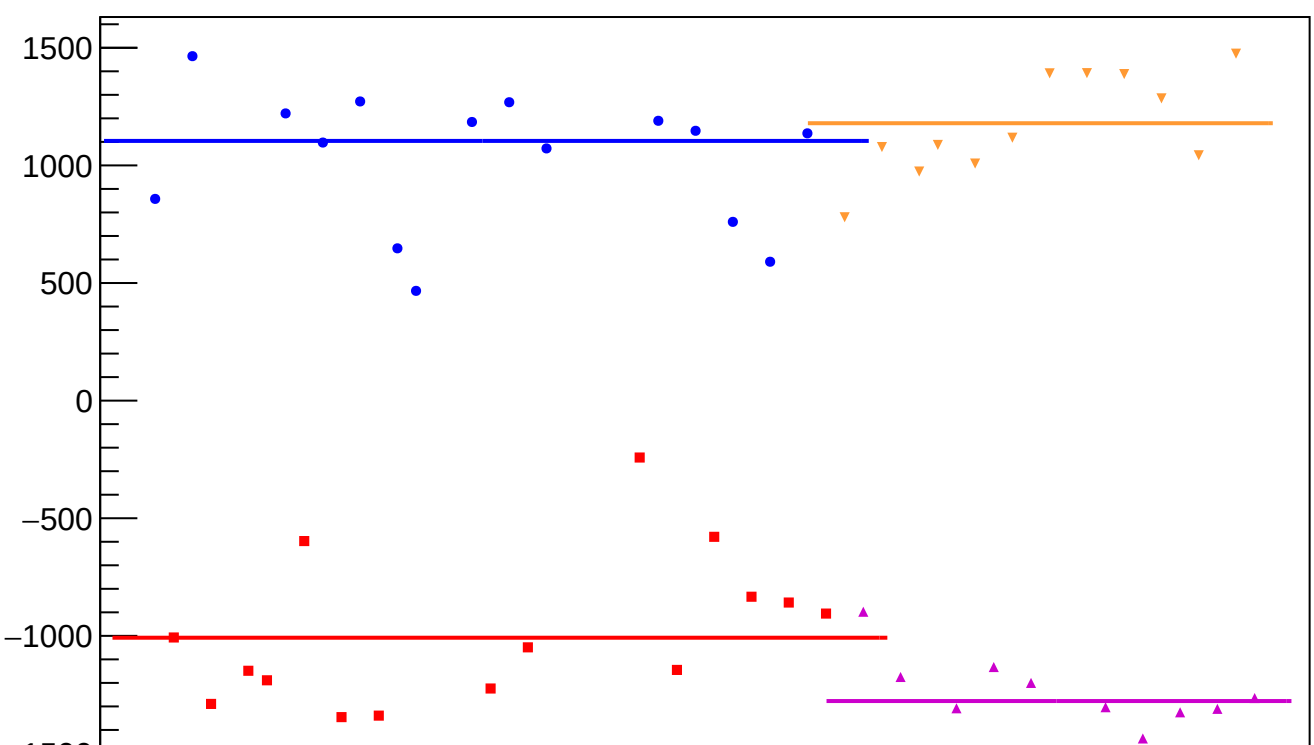
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

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

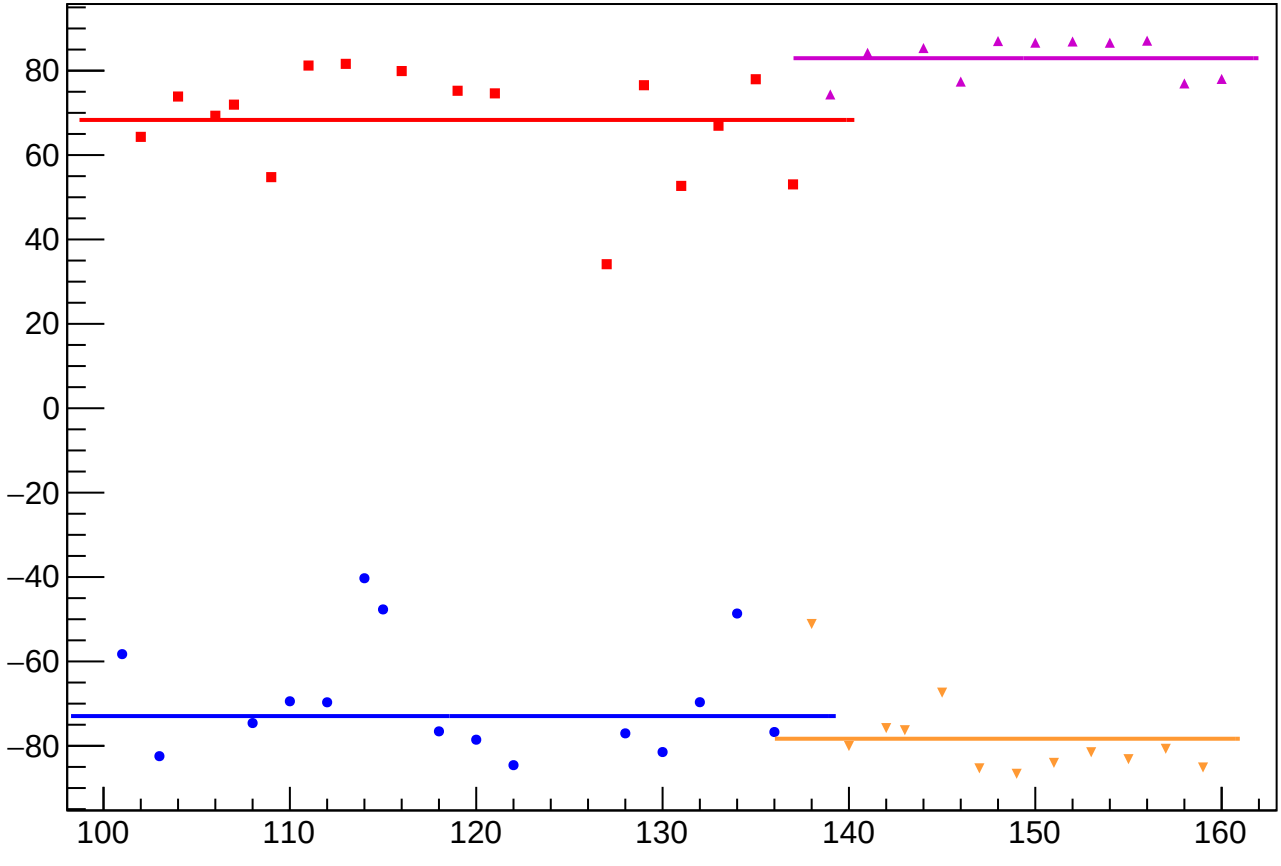
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

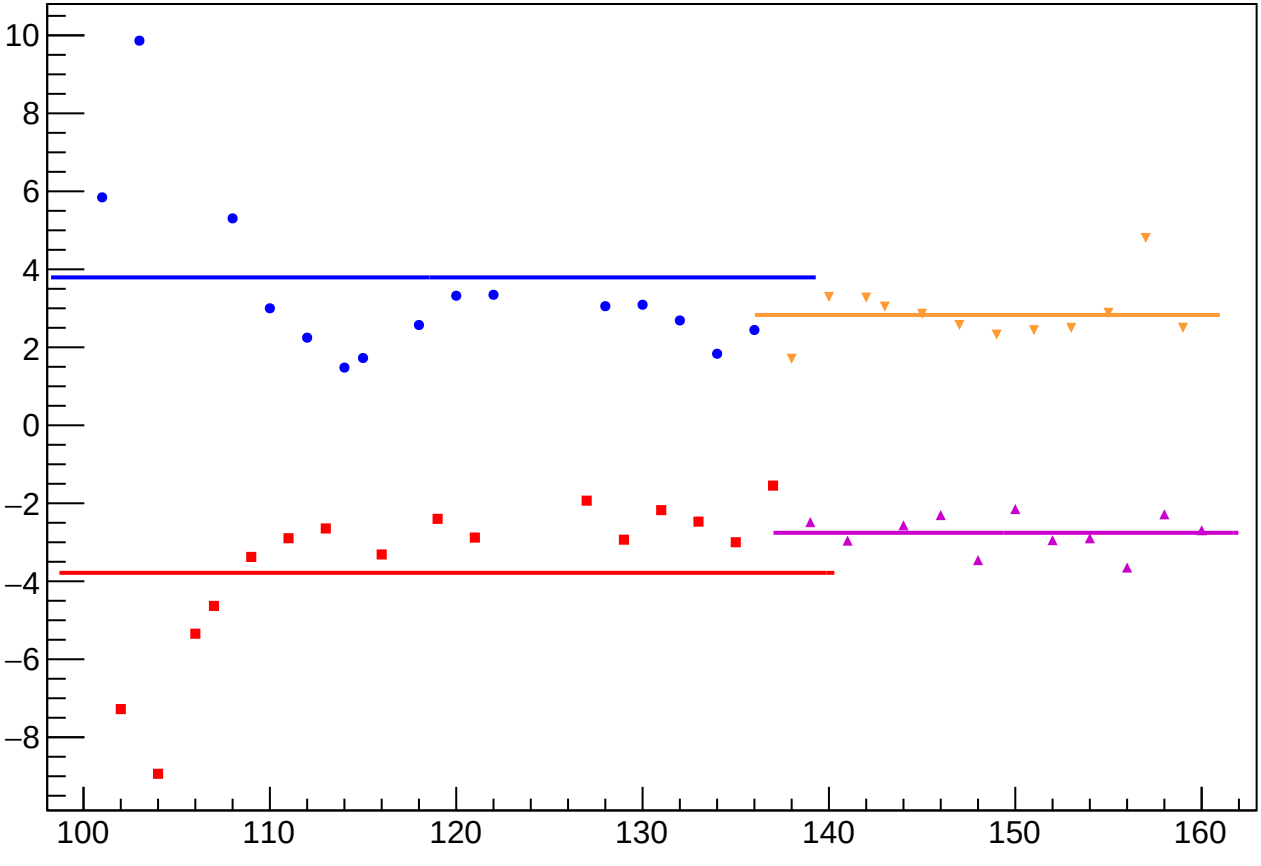
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

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

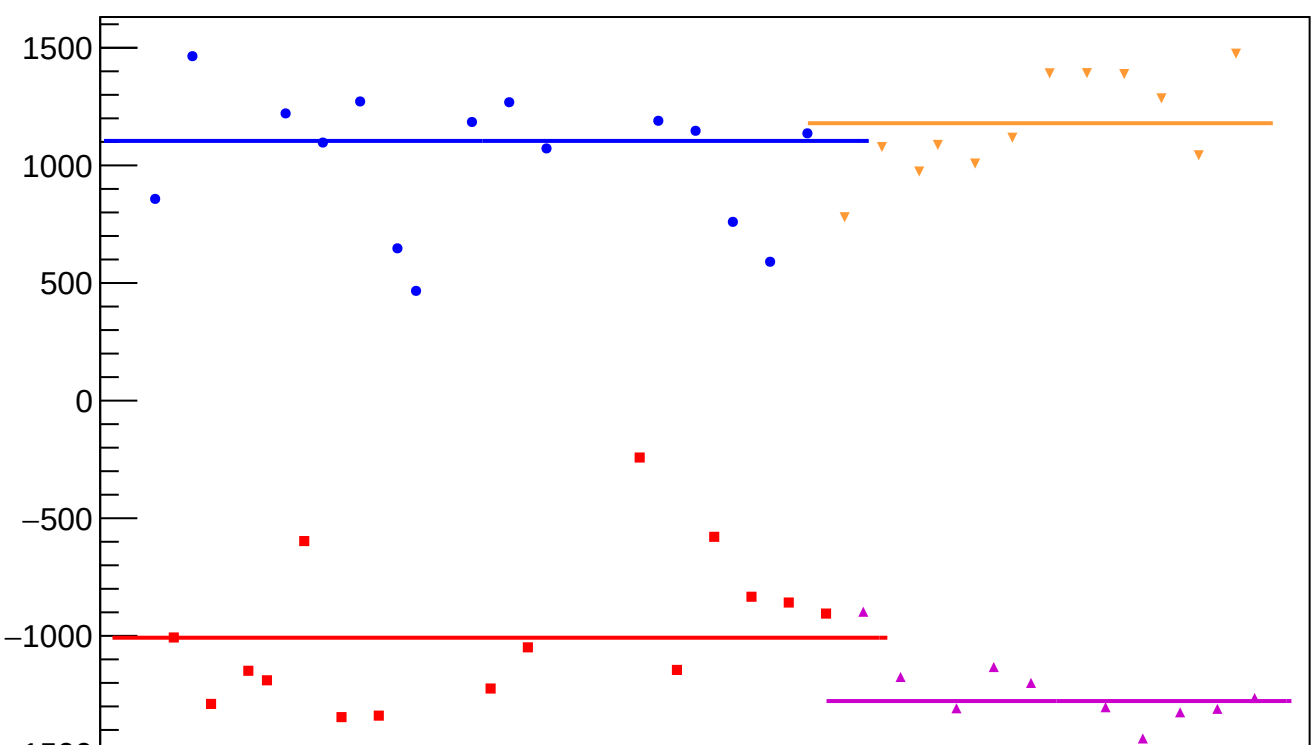
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

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

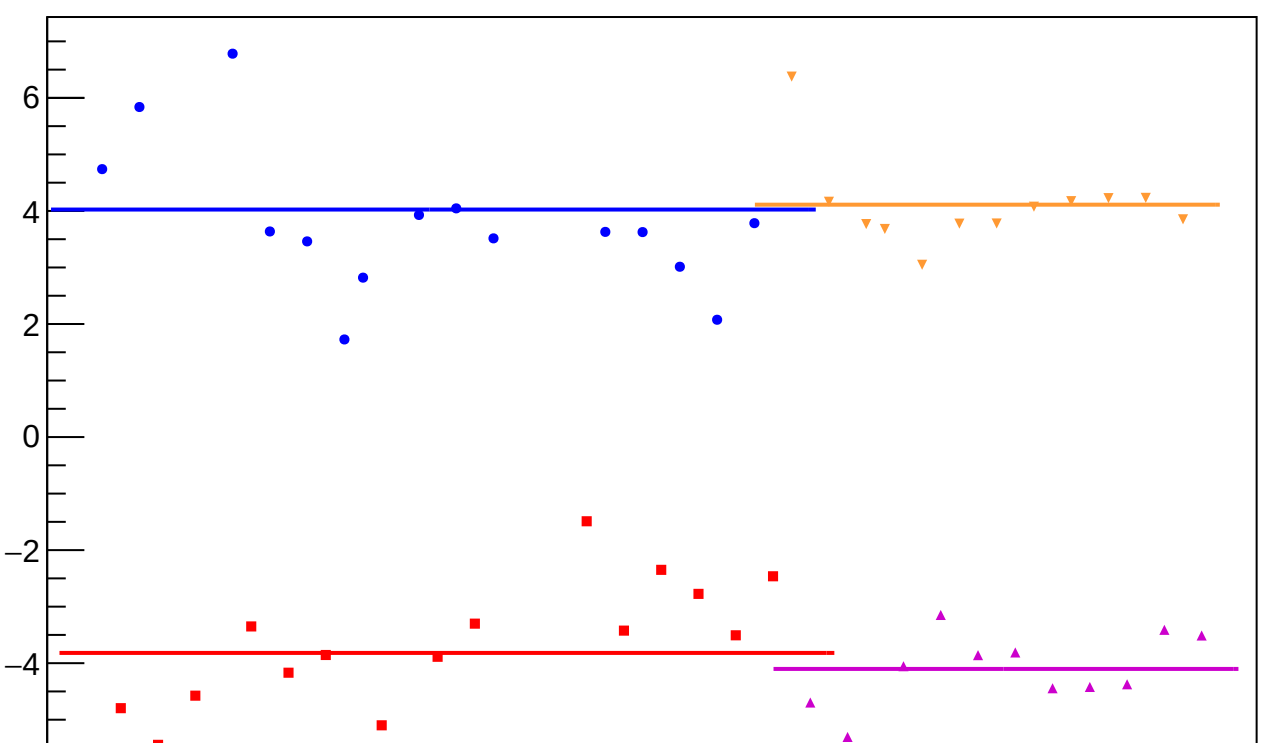
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

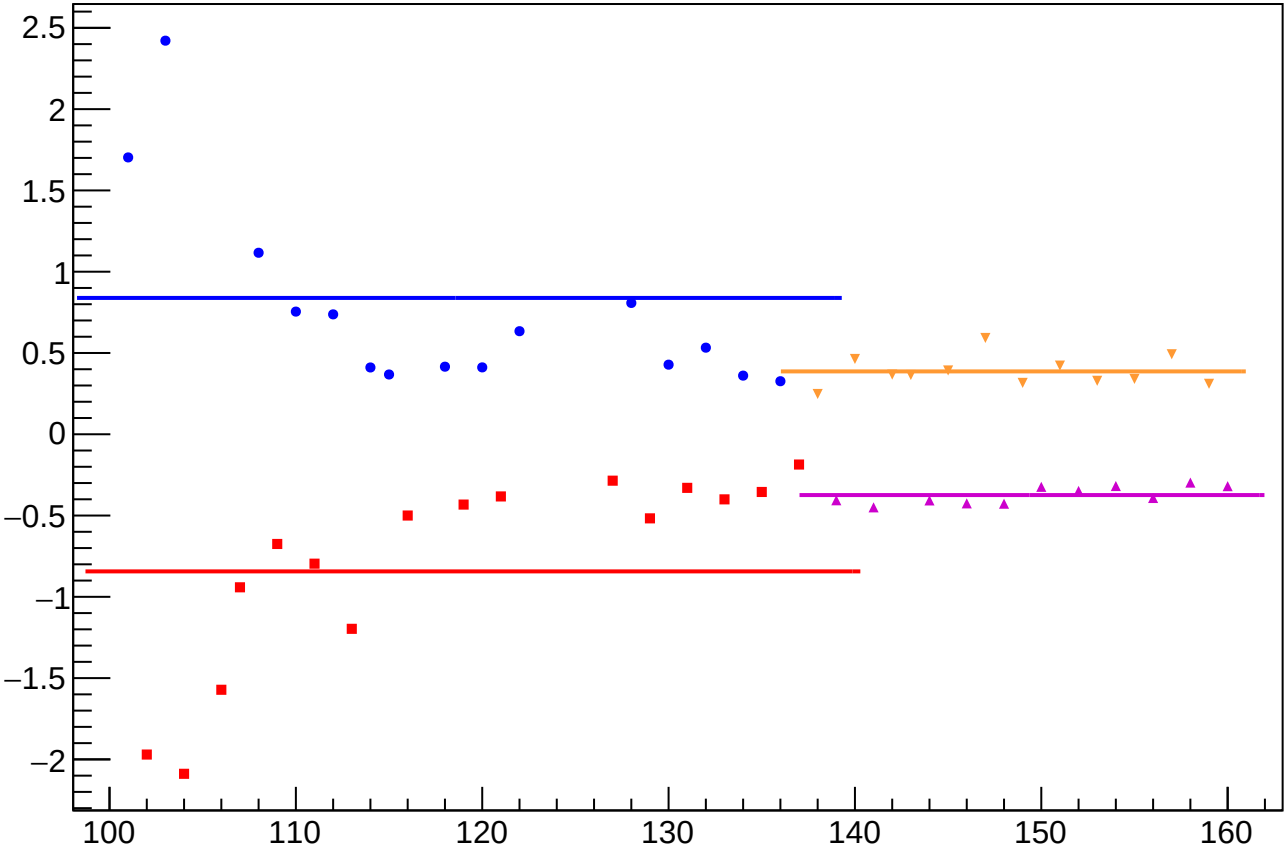
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

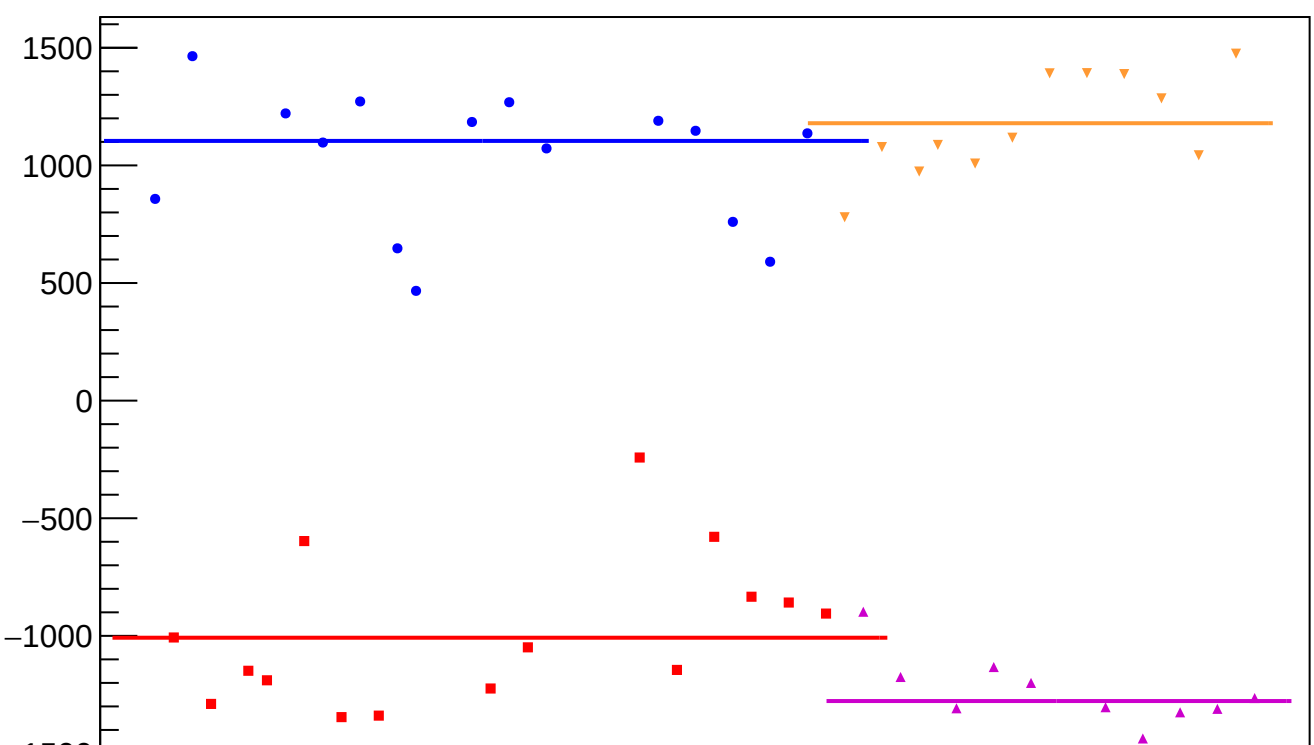
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

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

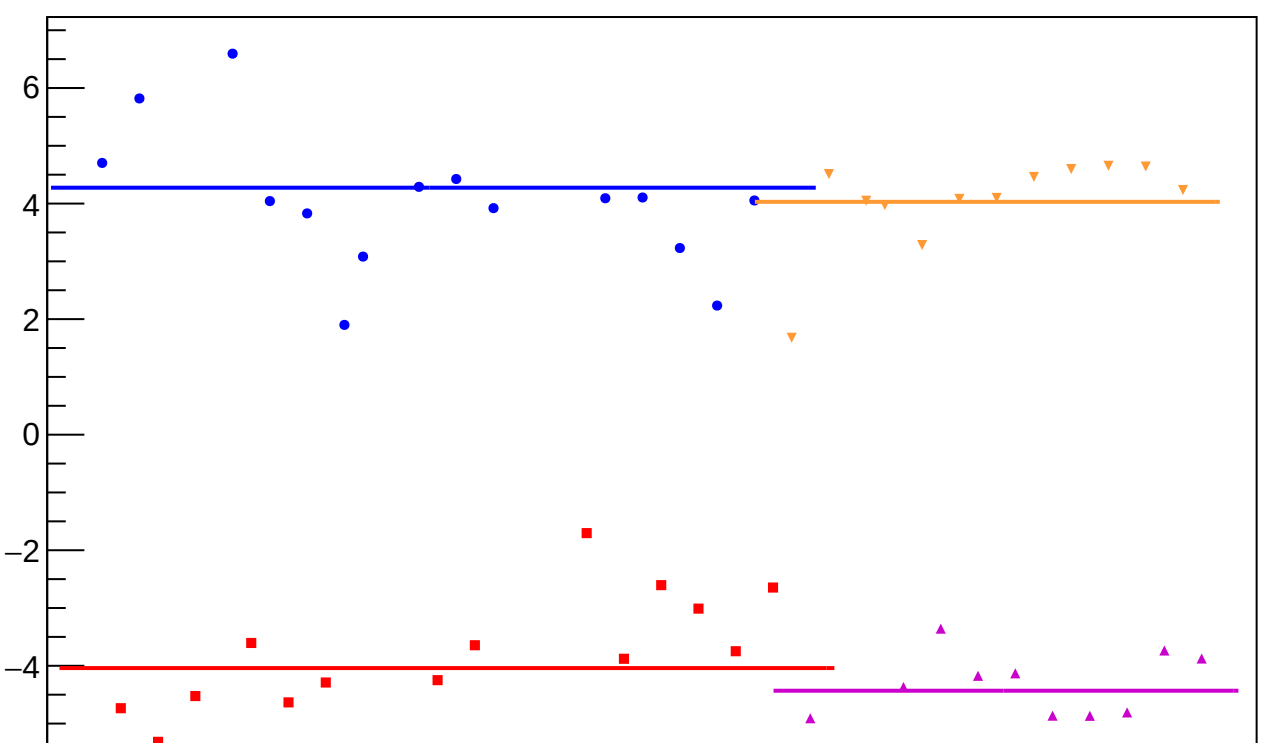
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

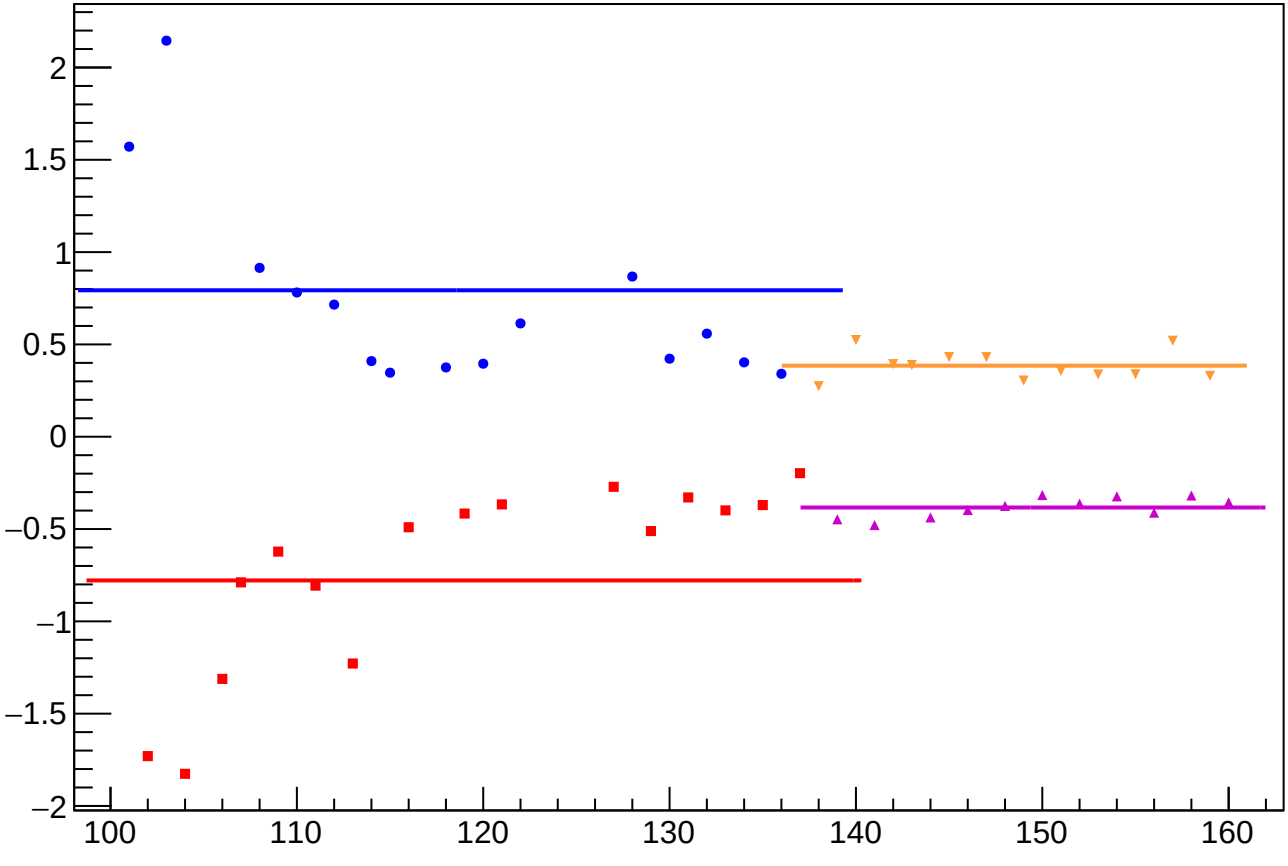
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

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

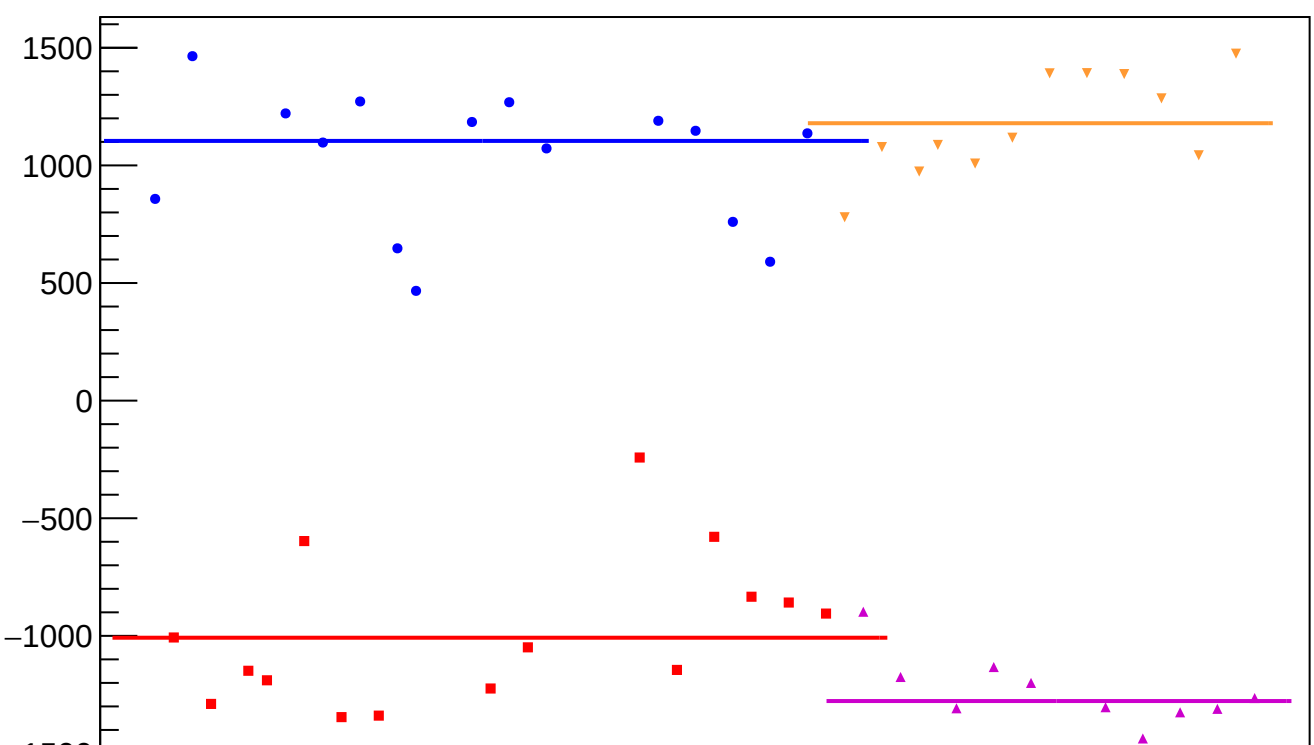
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

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

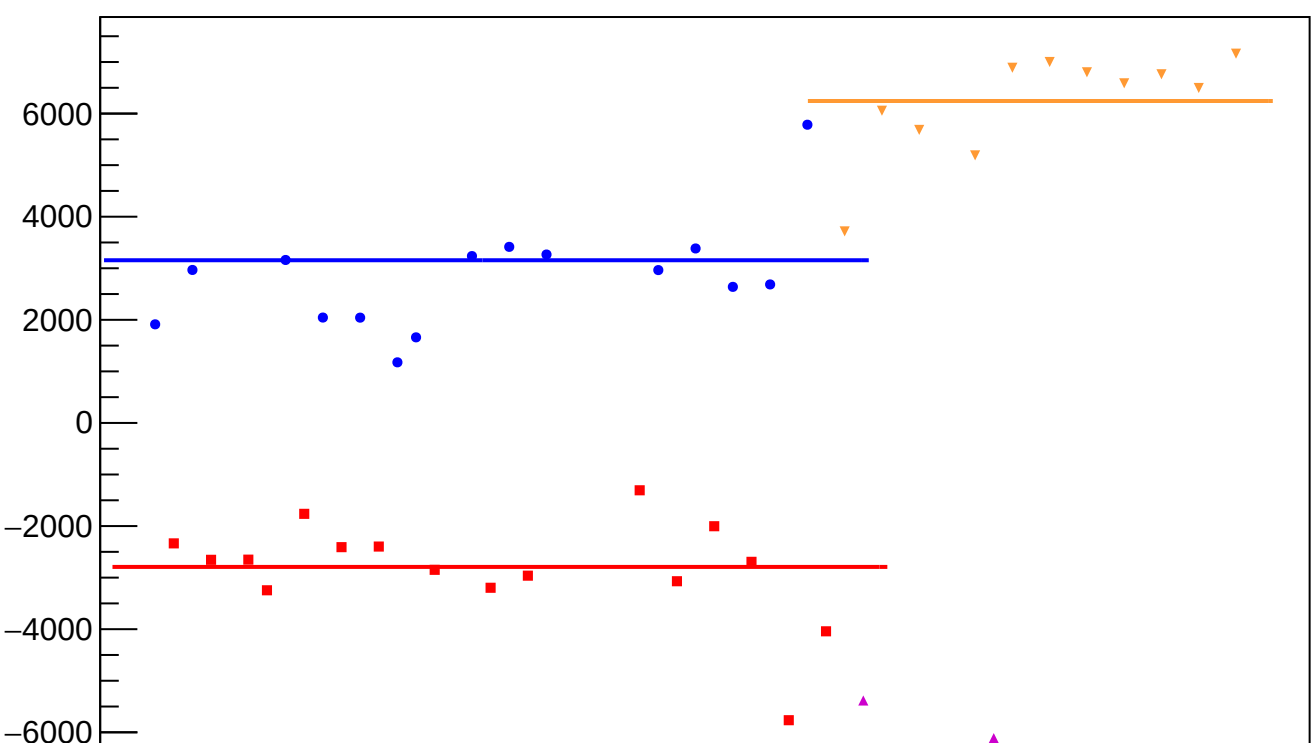
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

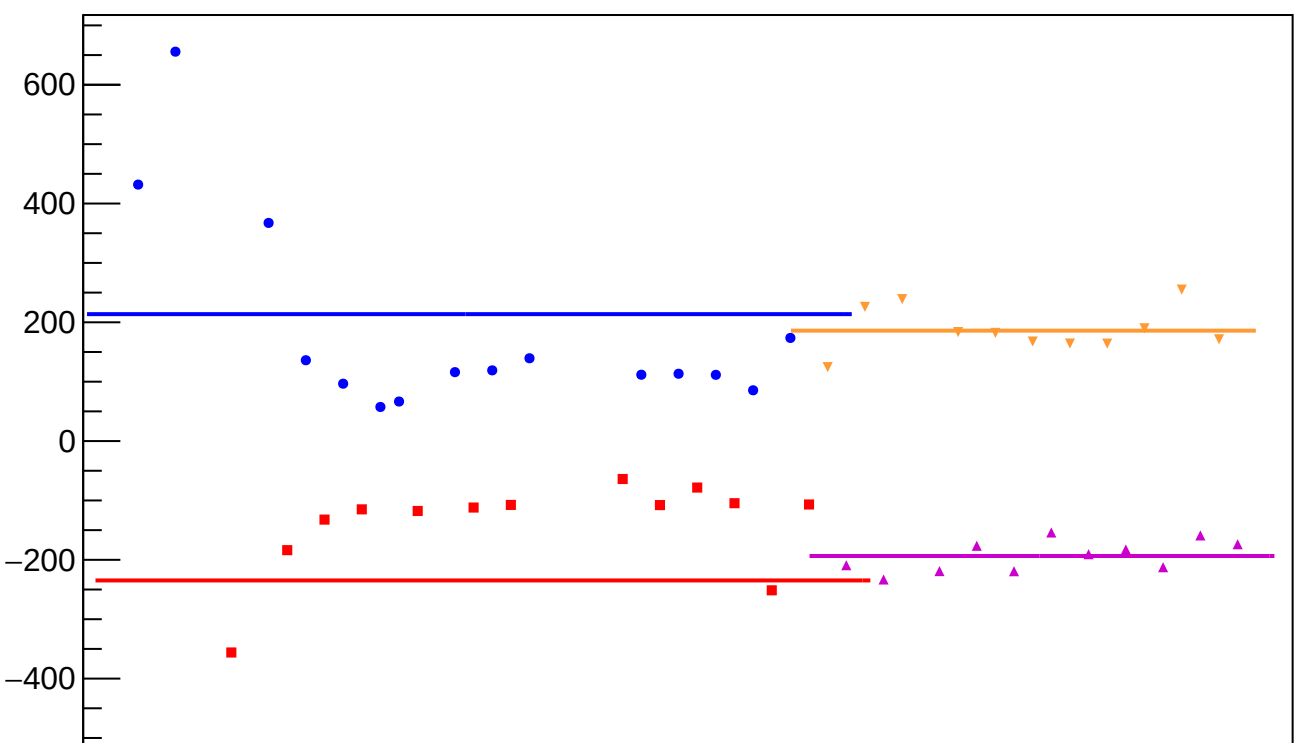
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

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

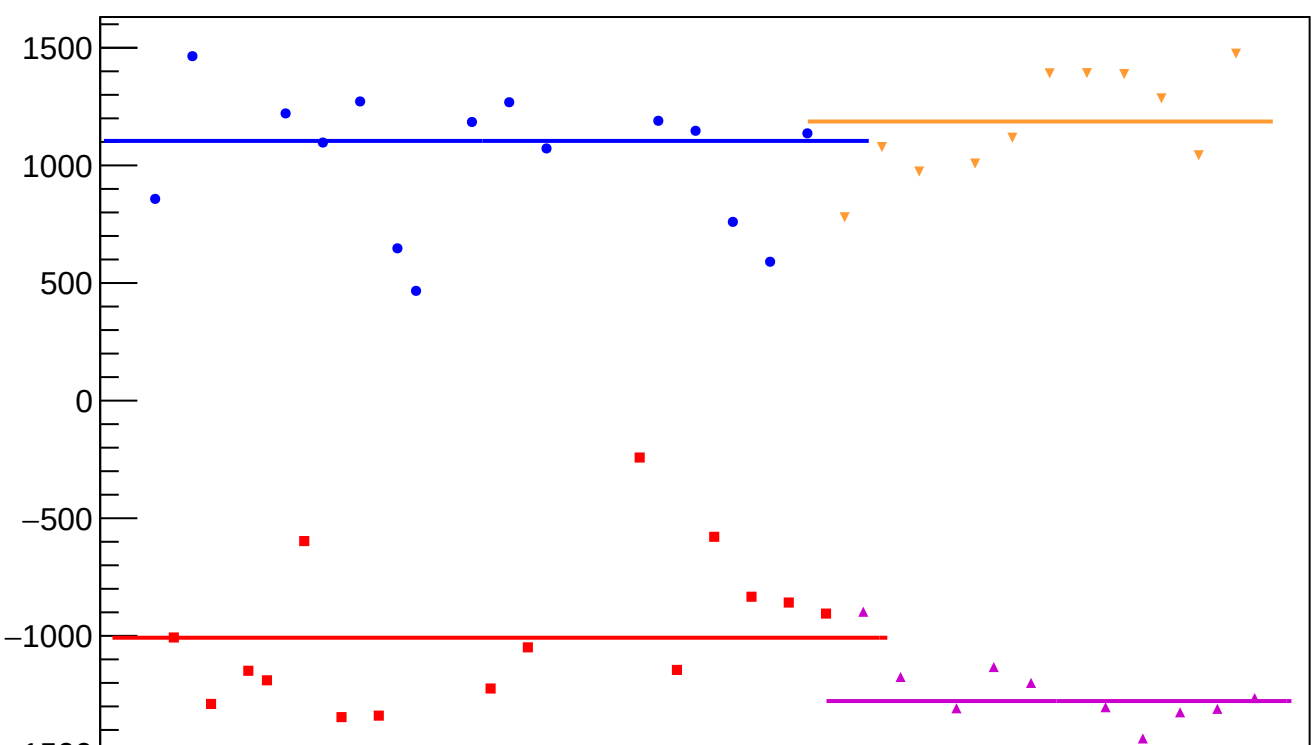
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

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

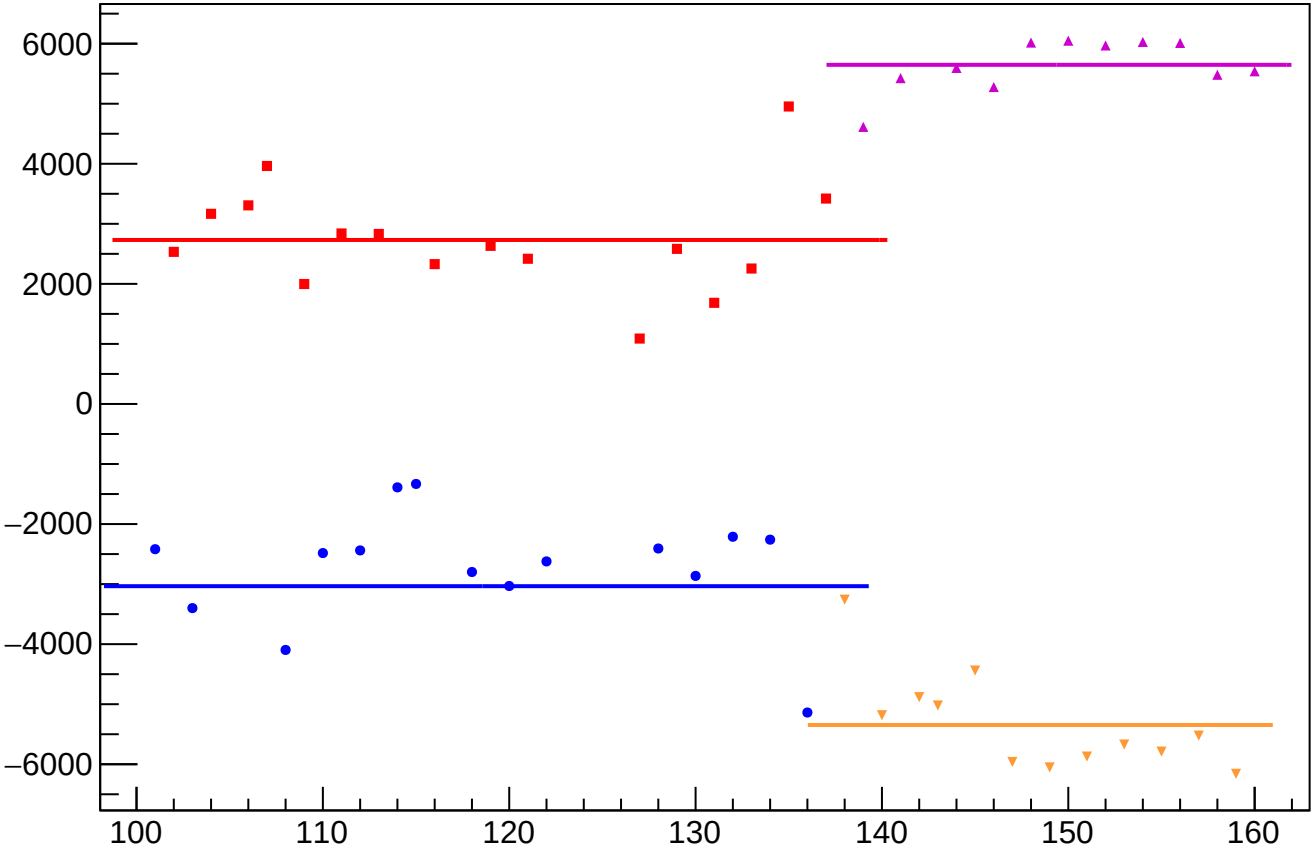
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

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

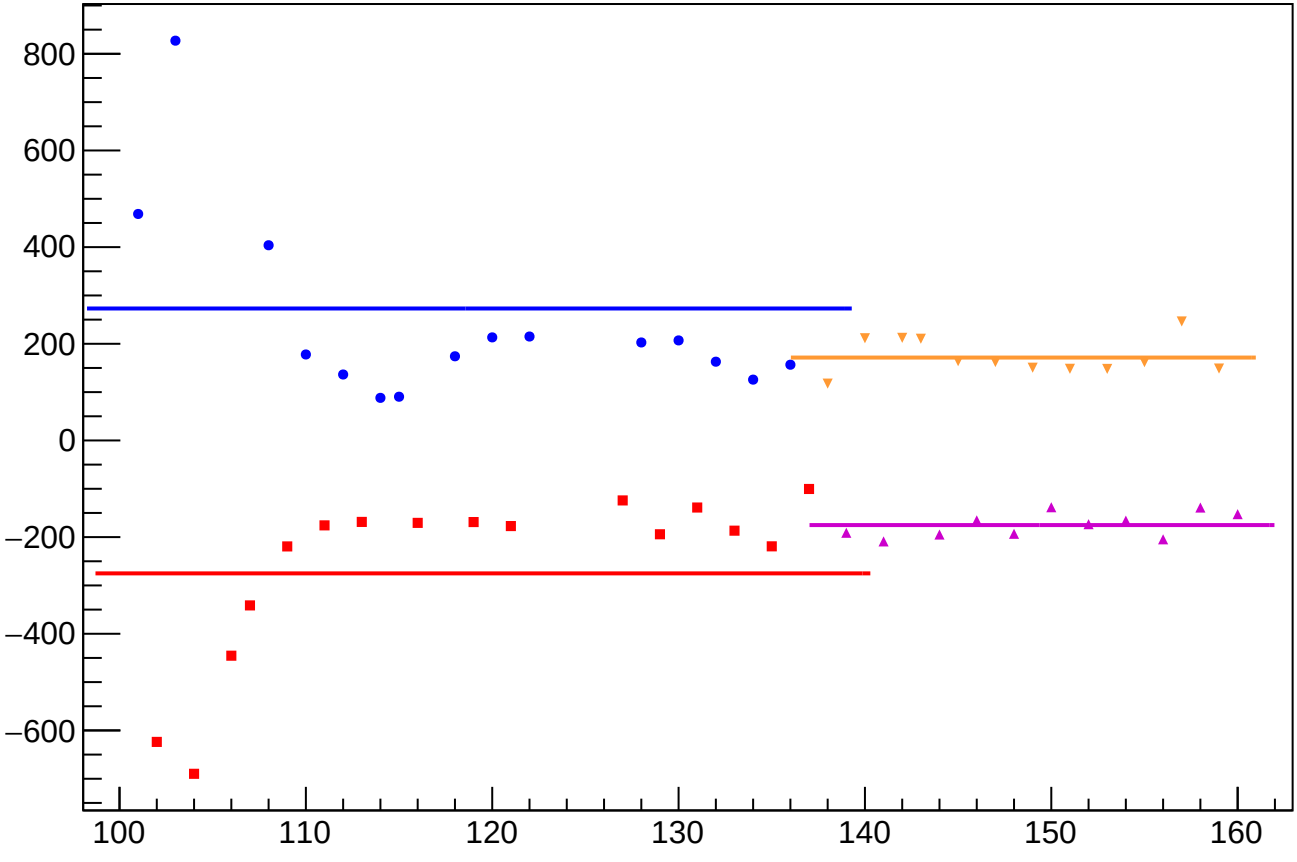
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

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

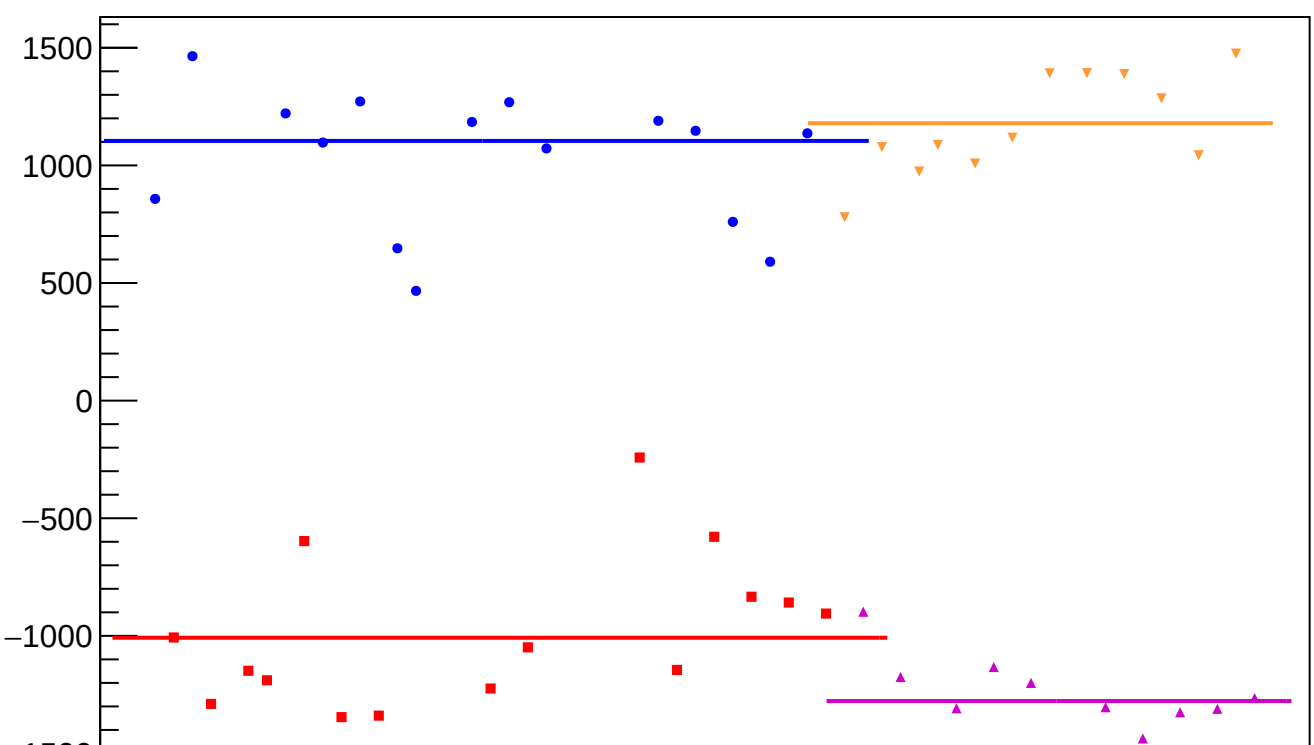
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

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

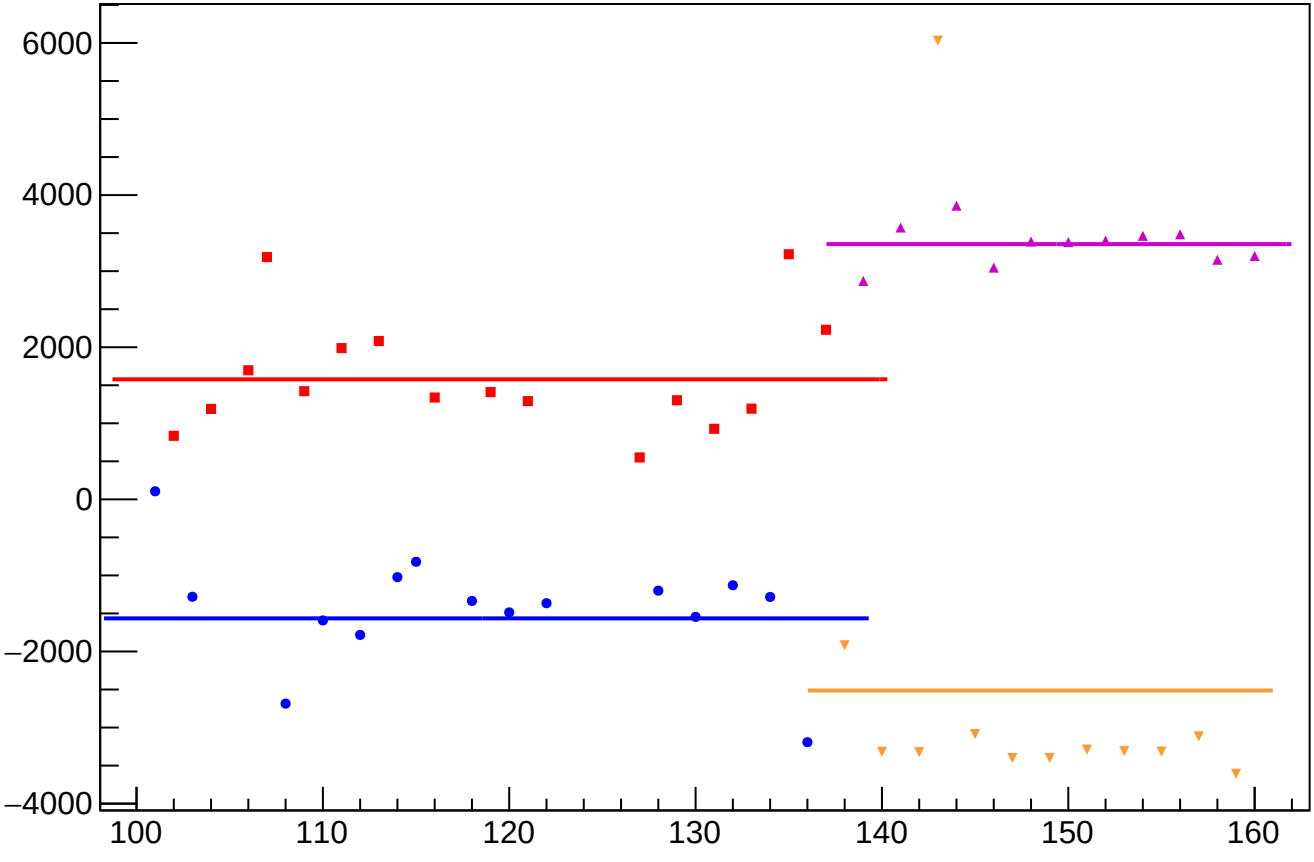
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

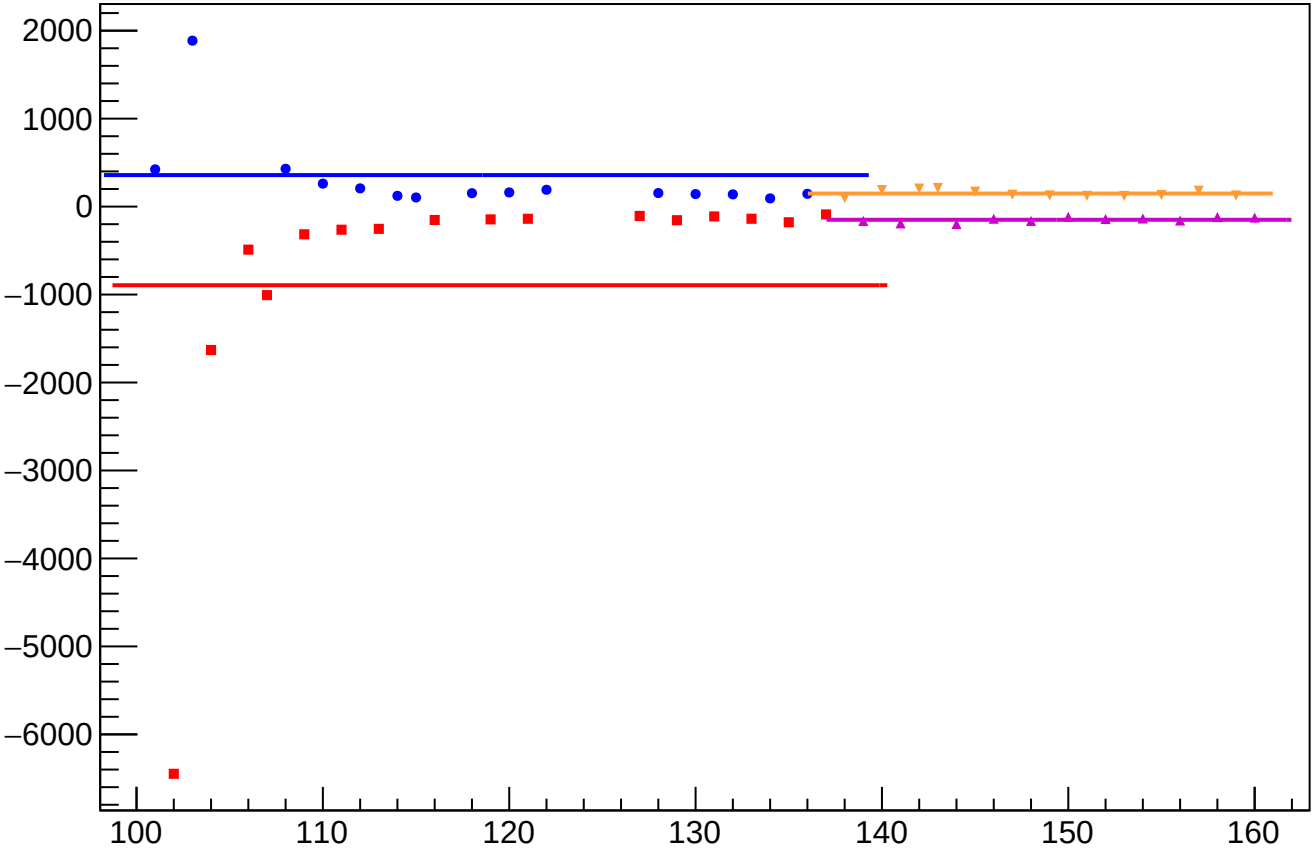
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



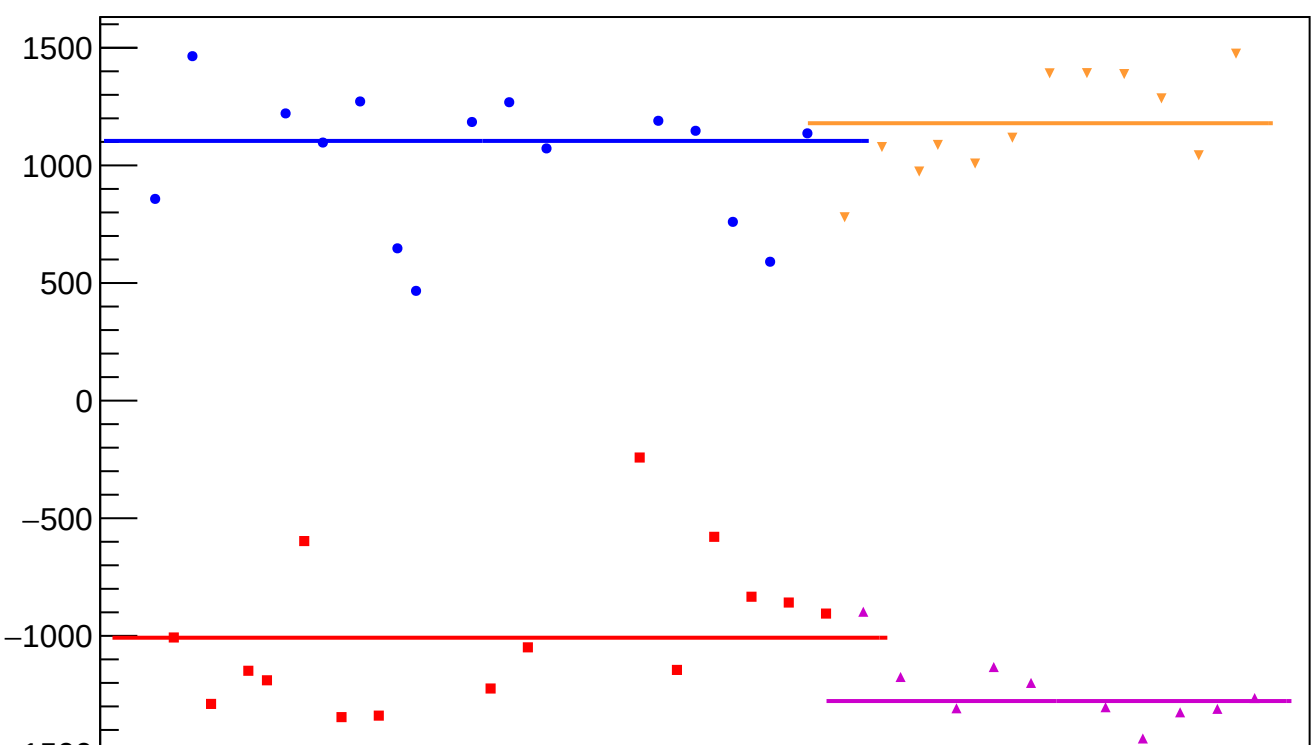
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 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

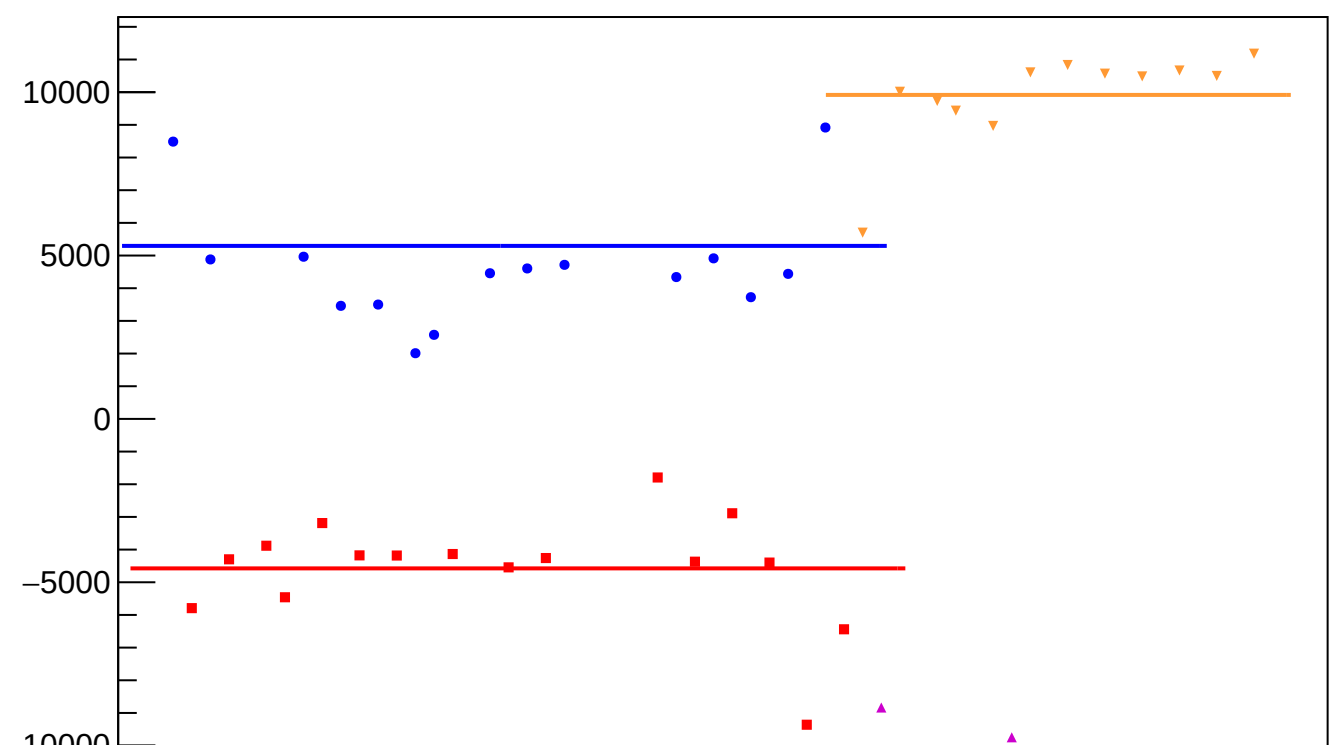
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

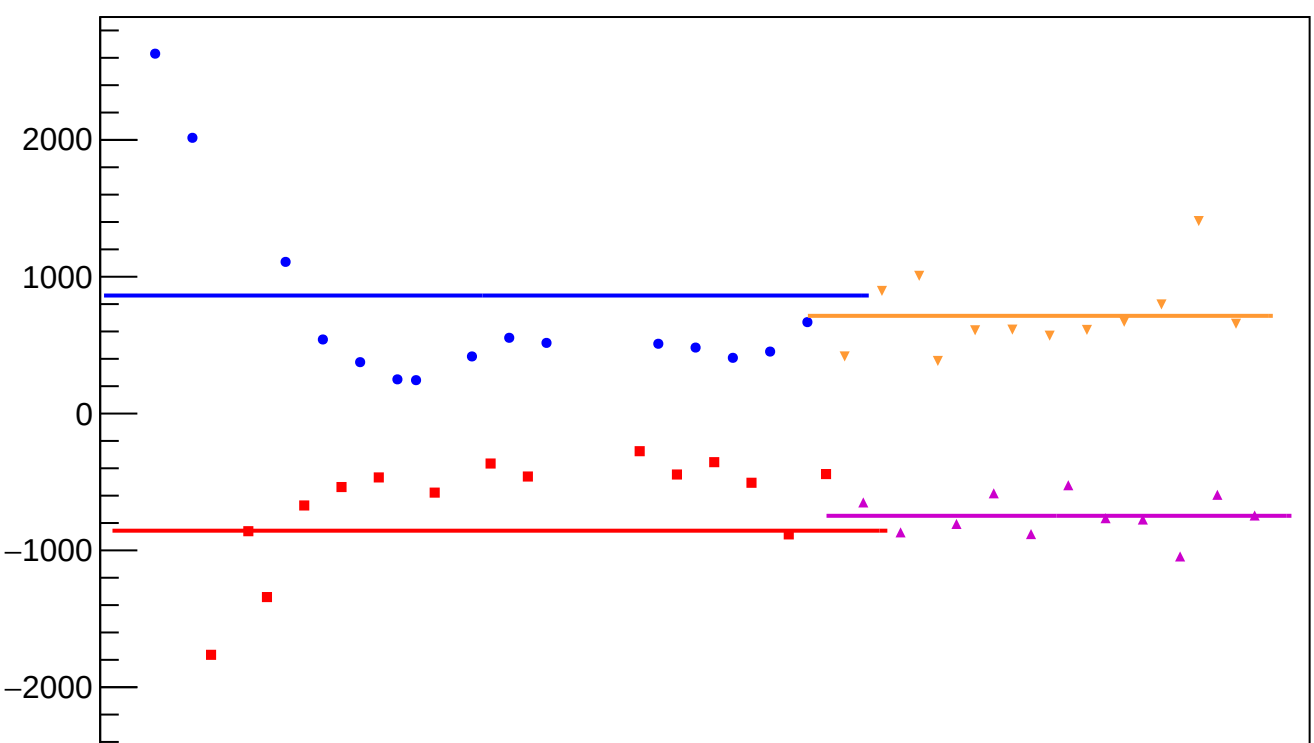
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

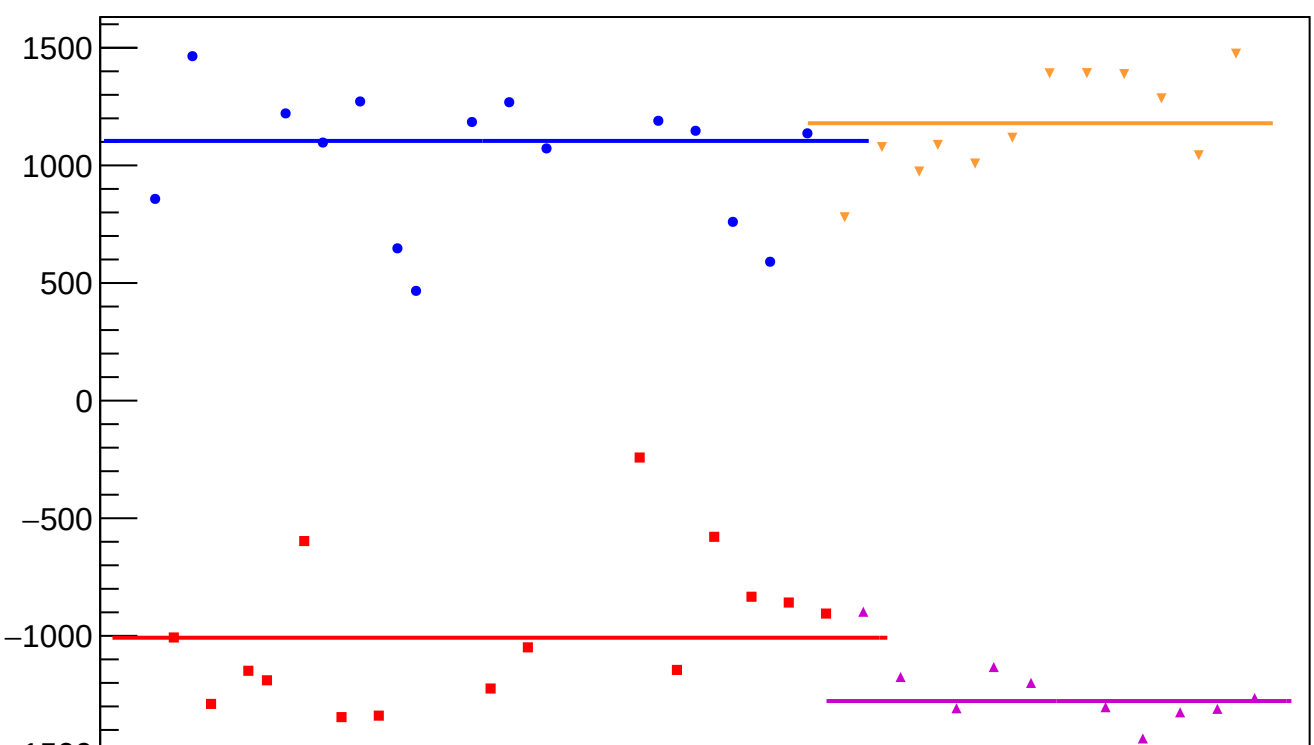
All: -107.886+/-0.000 χ^2/NDF: 23238819396

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

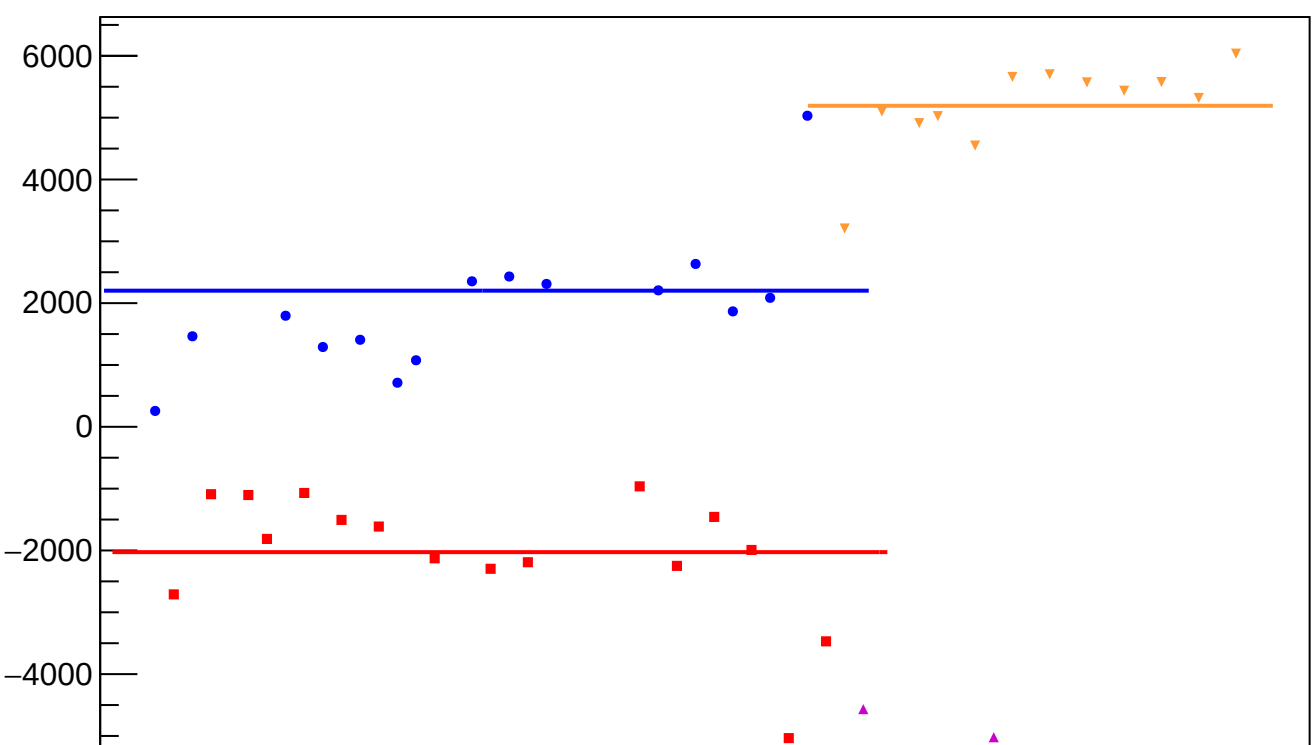
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

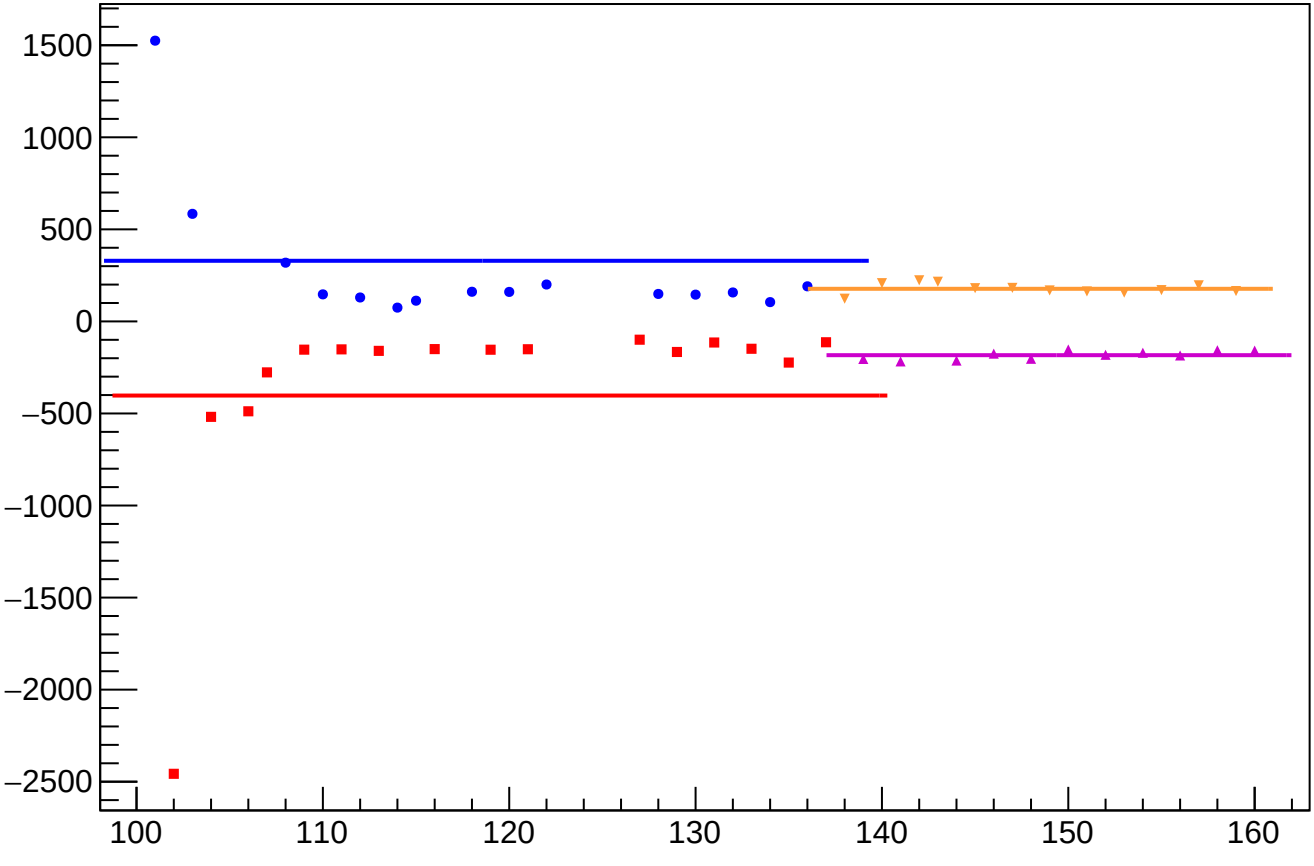
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

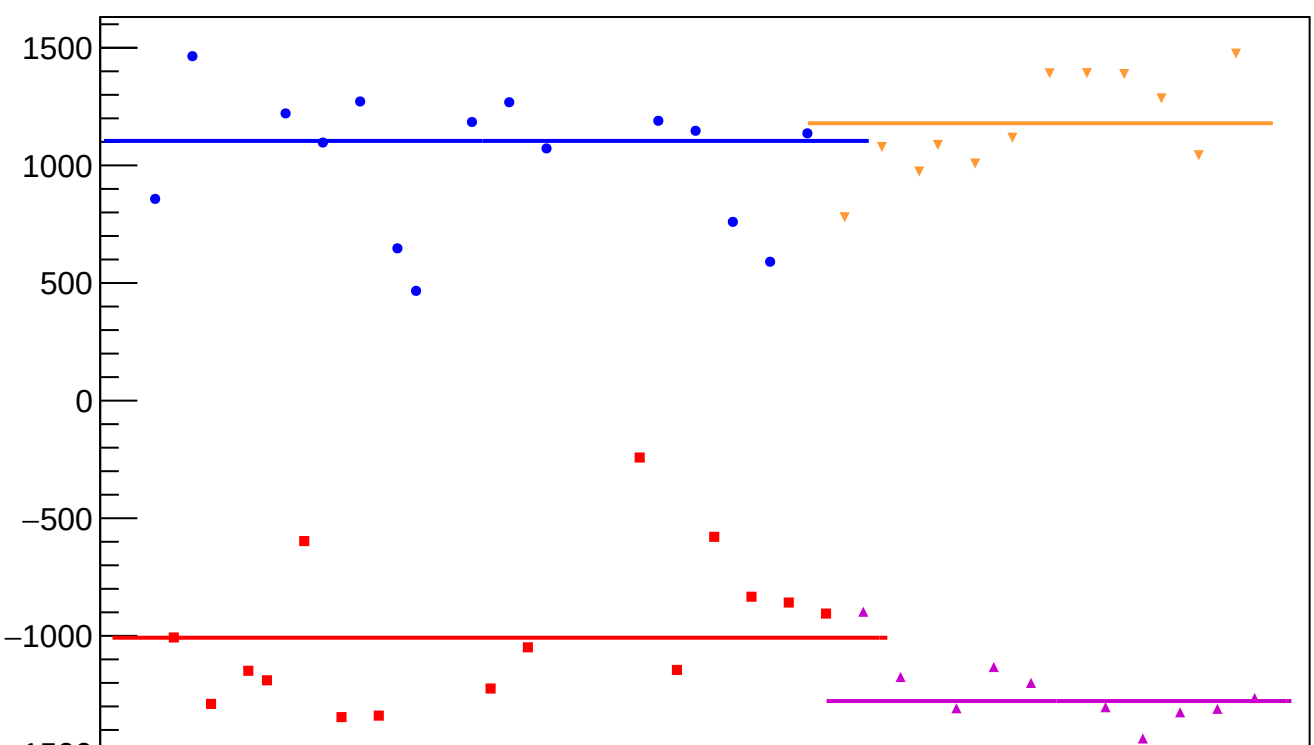
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

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

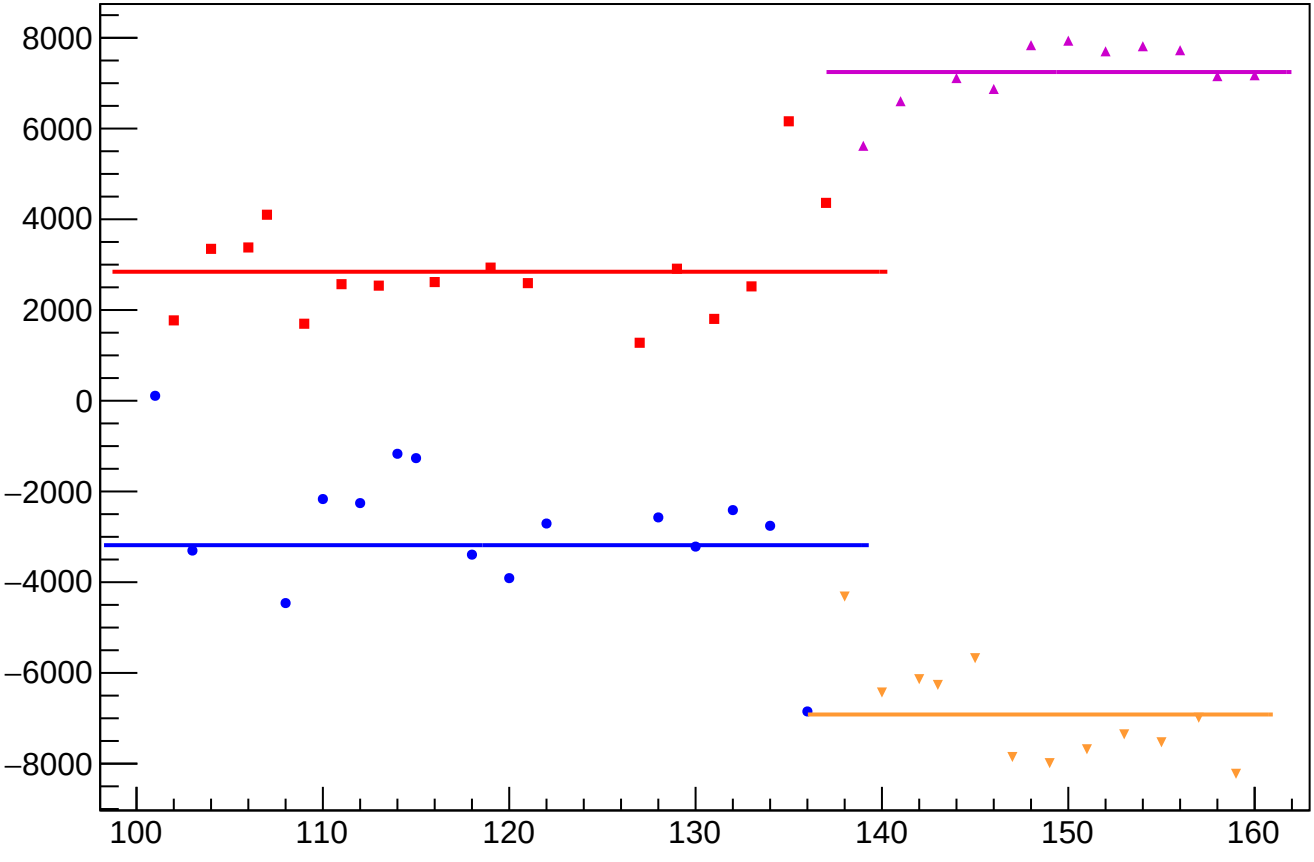
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

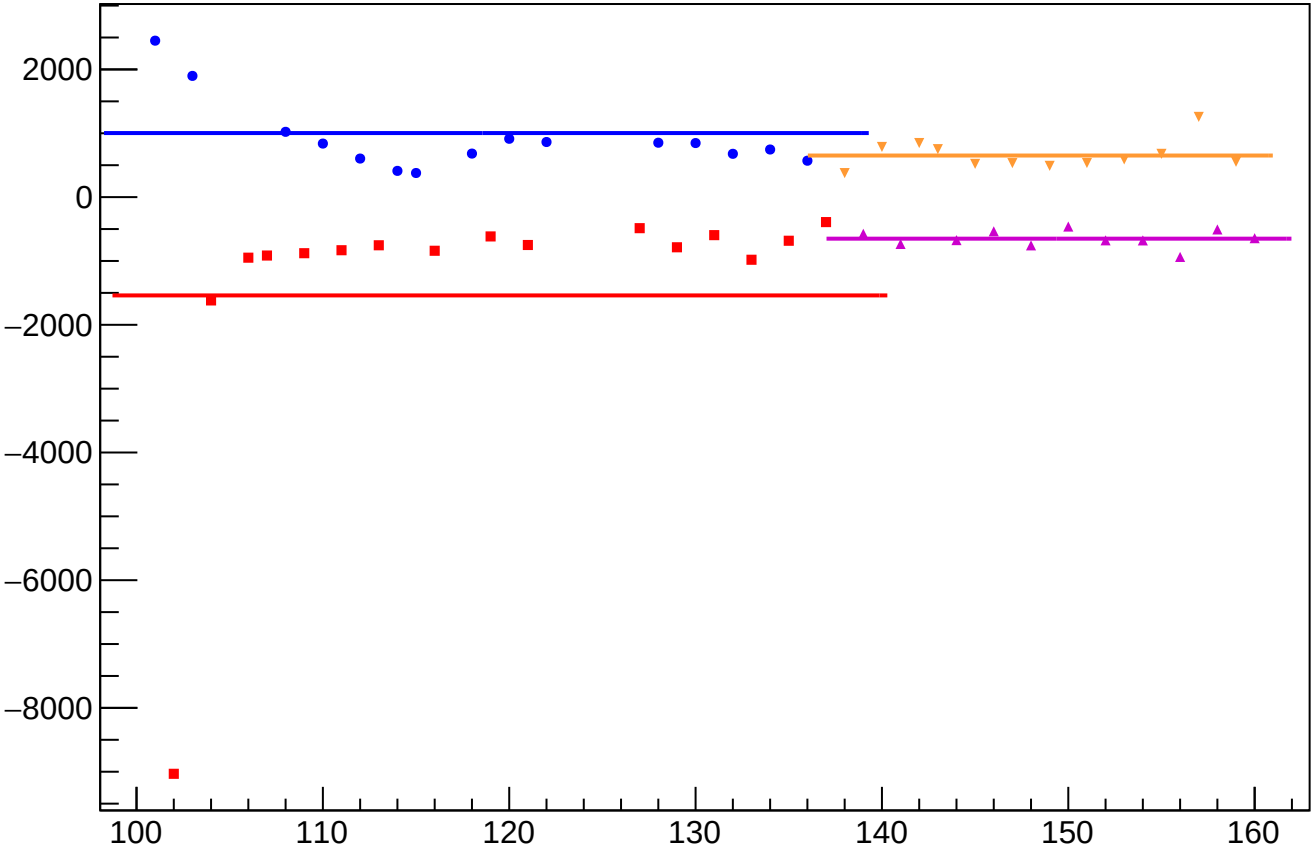
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

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

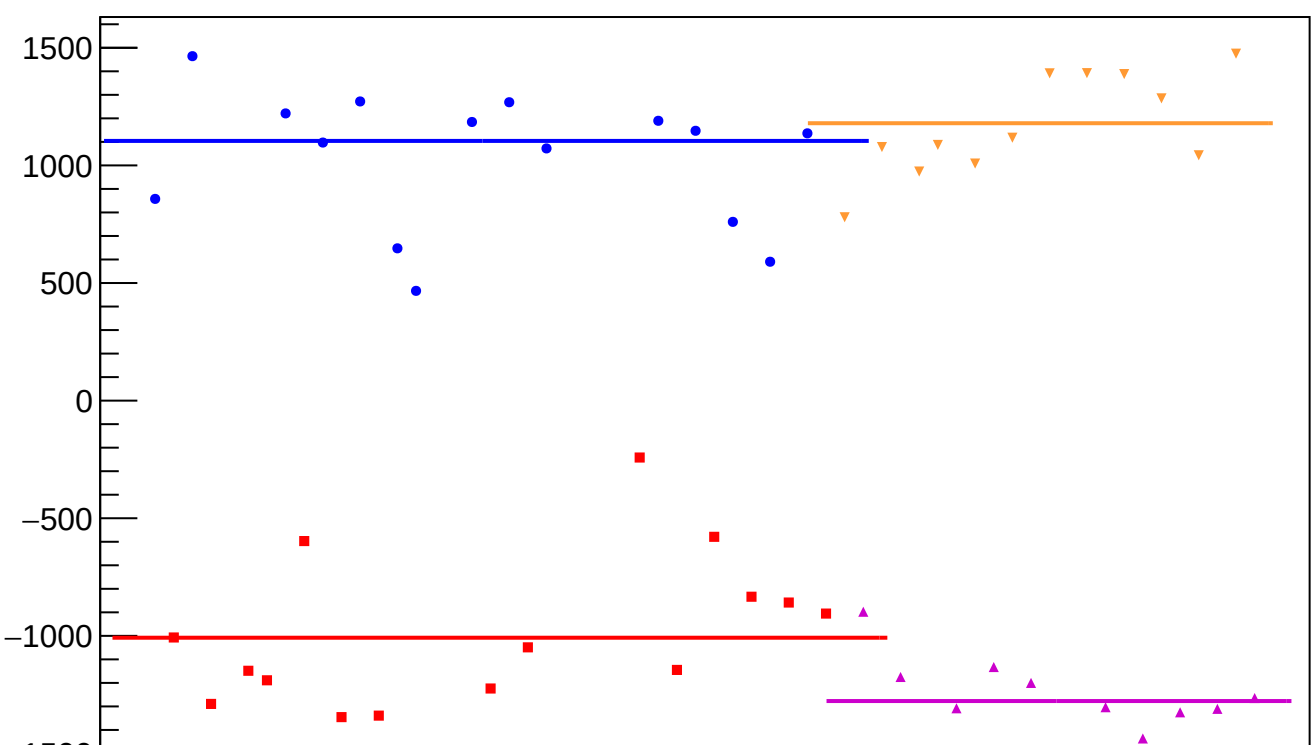
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

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

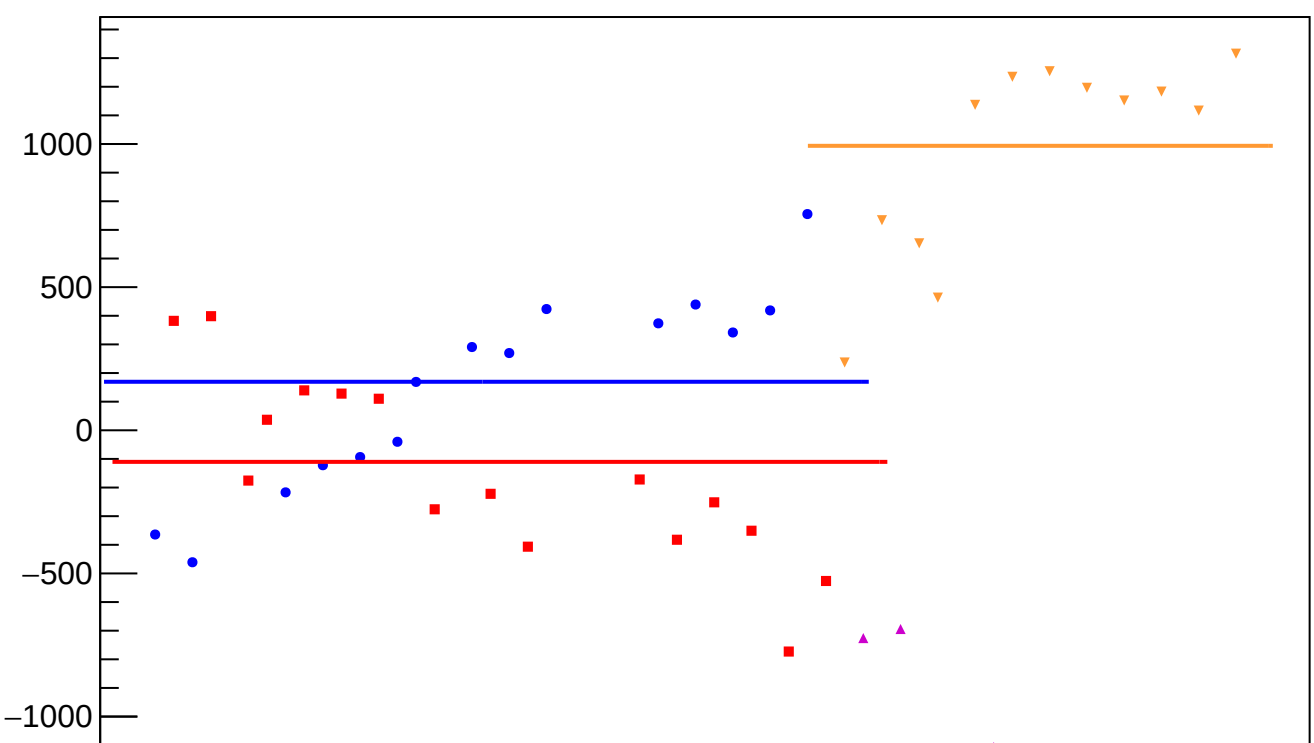
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

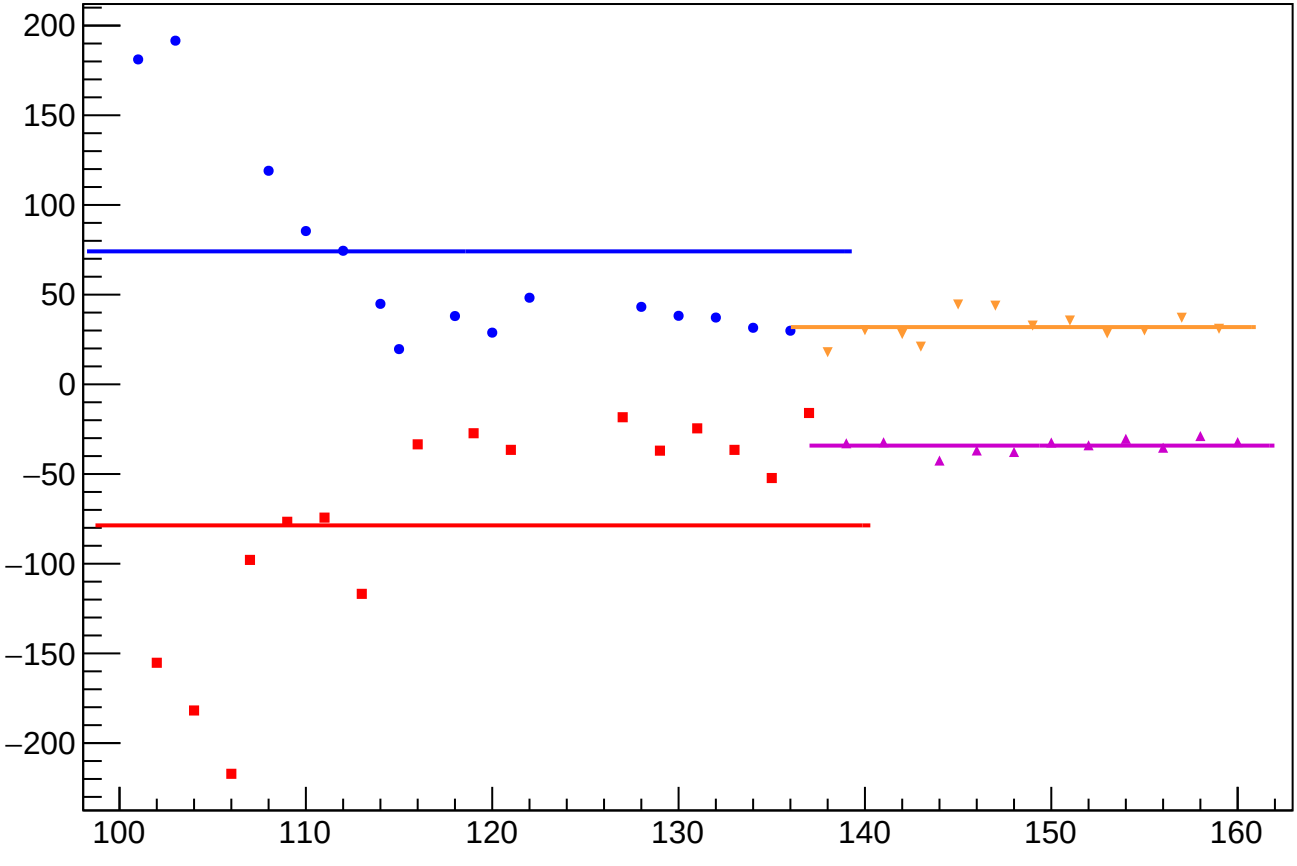
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

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

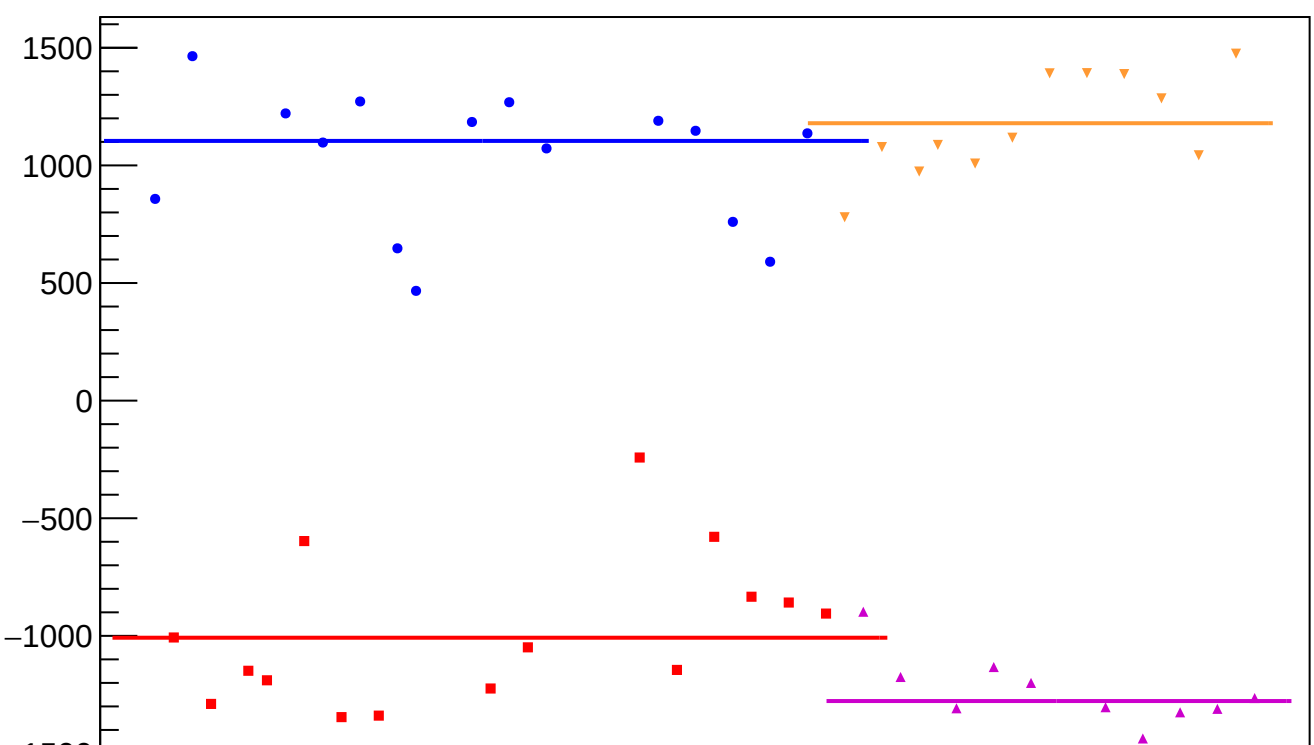
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

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

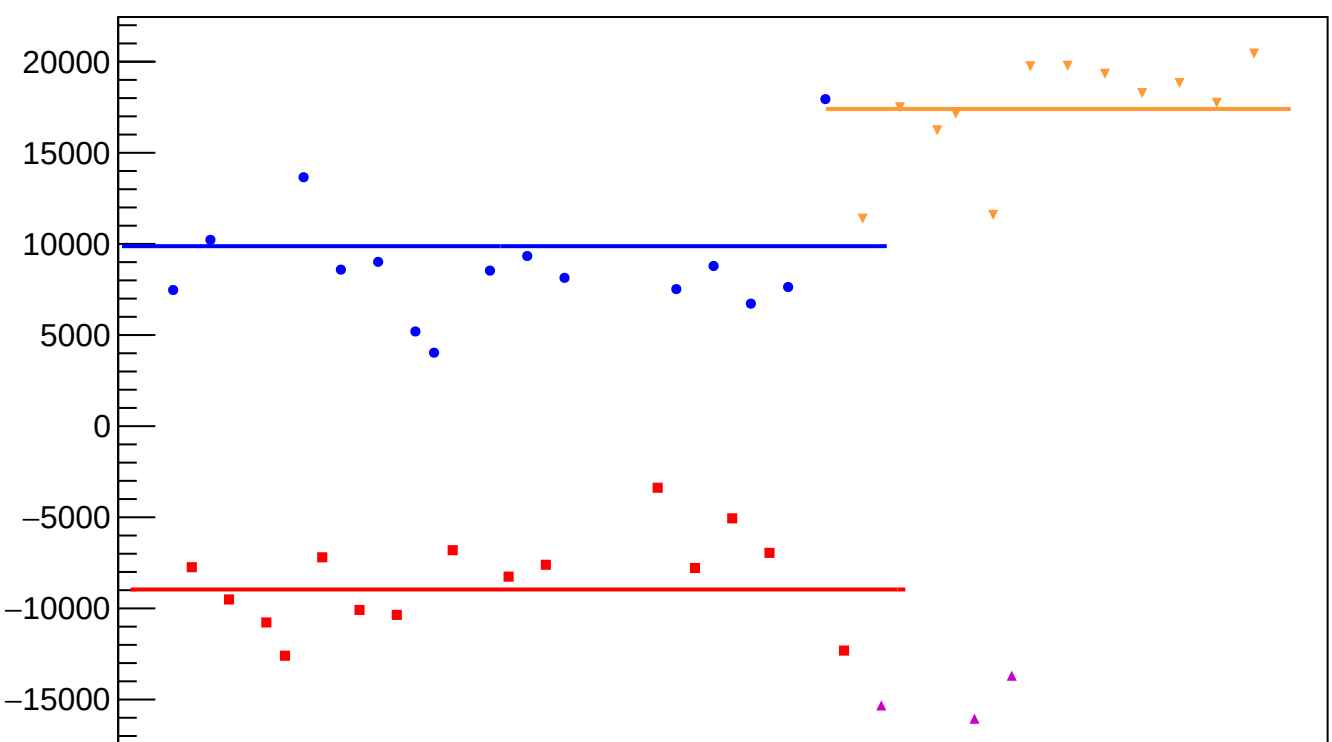
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

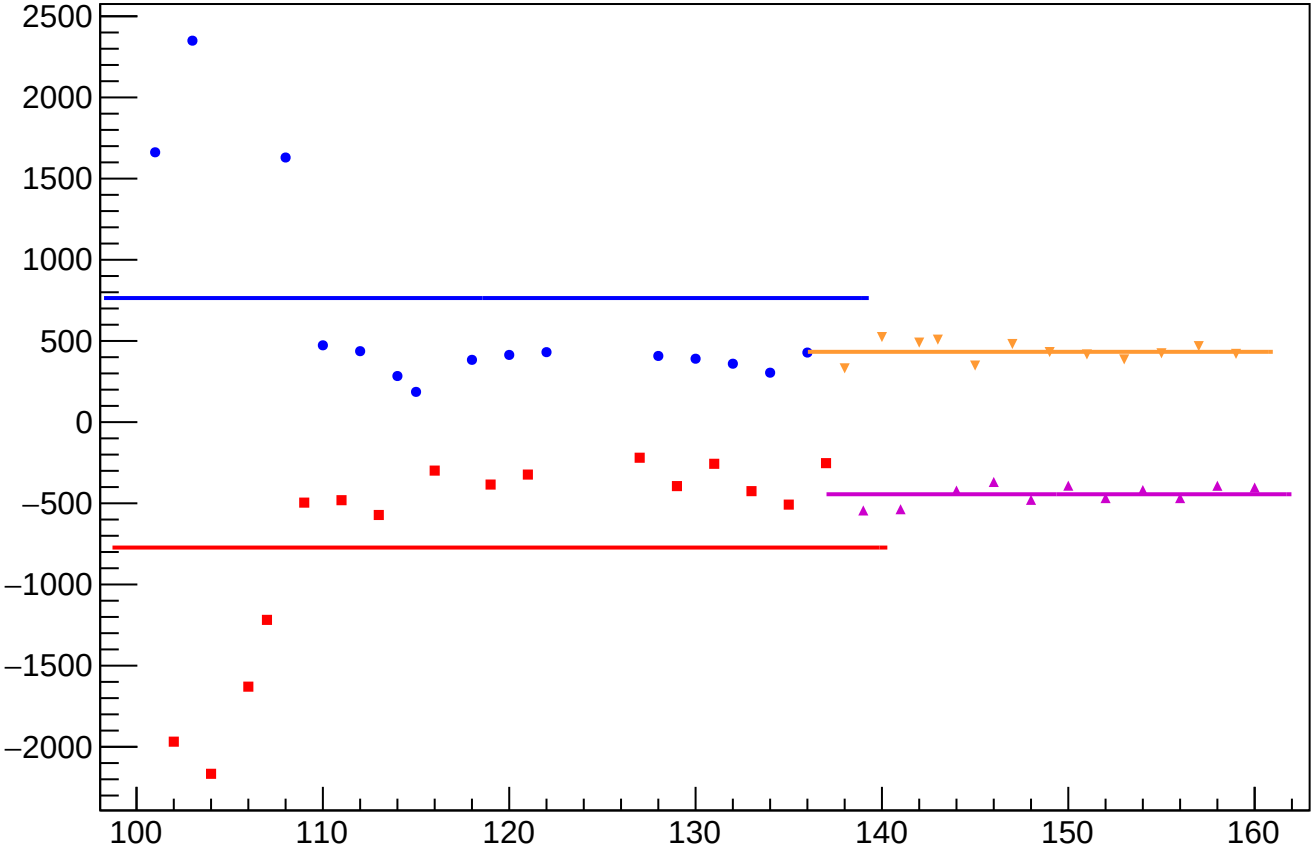
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

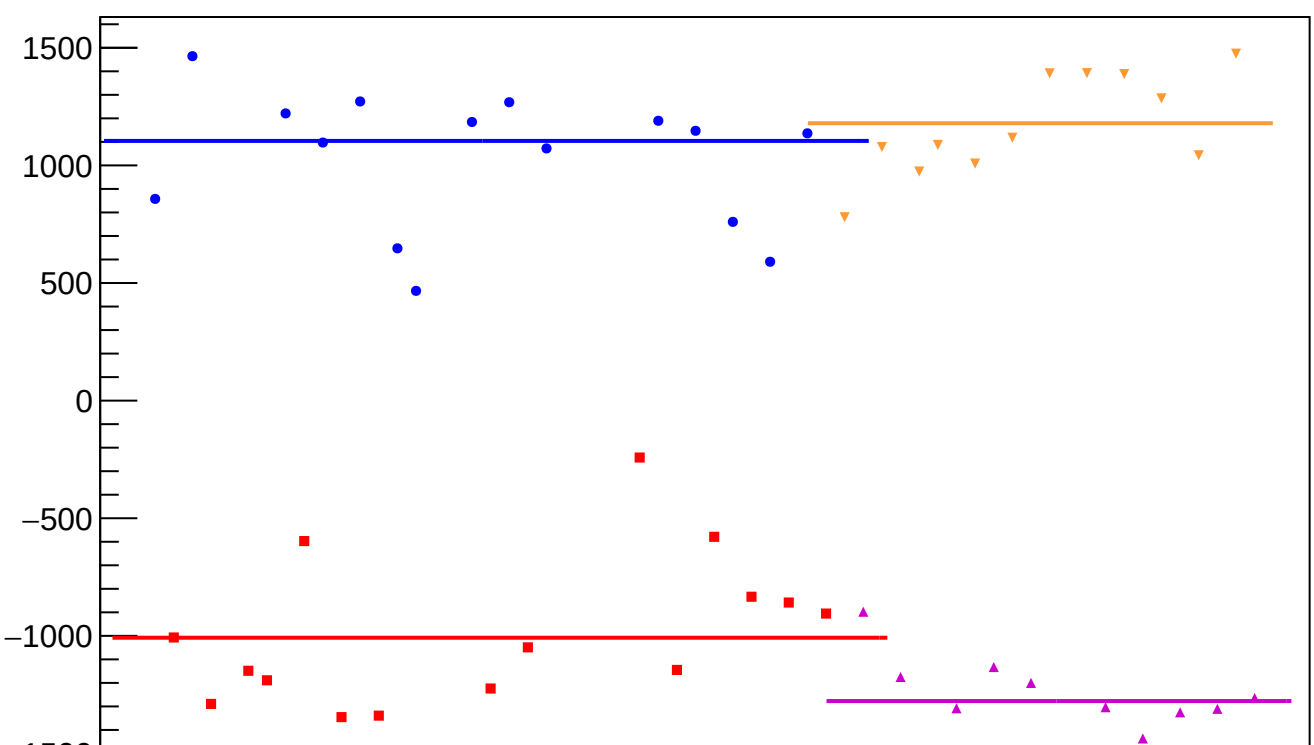
All: -81.381+/-0.000 χ^2/NDF: 719188962323

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

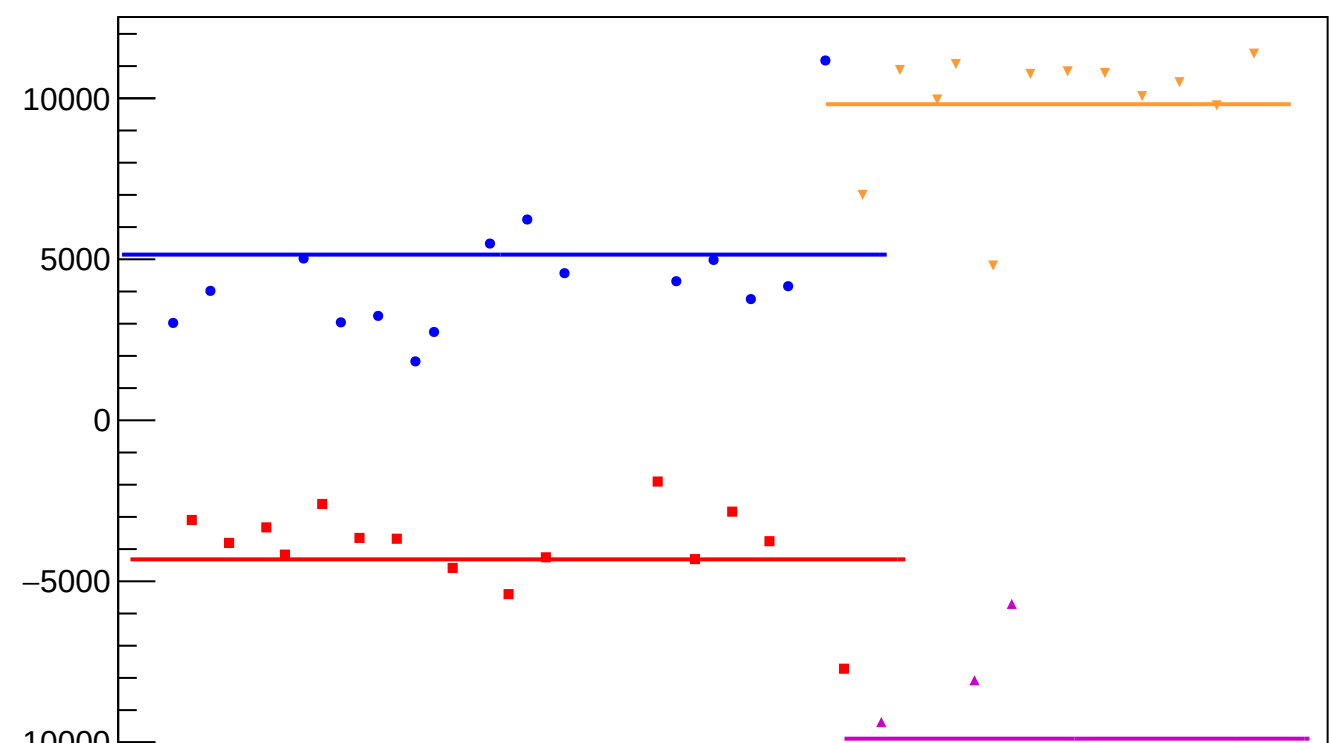
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

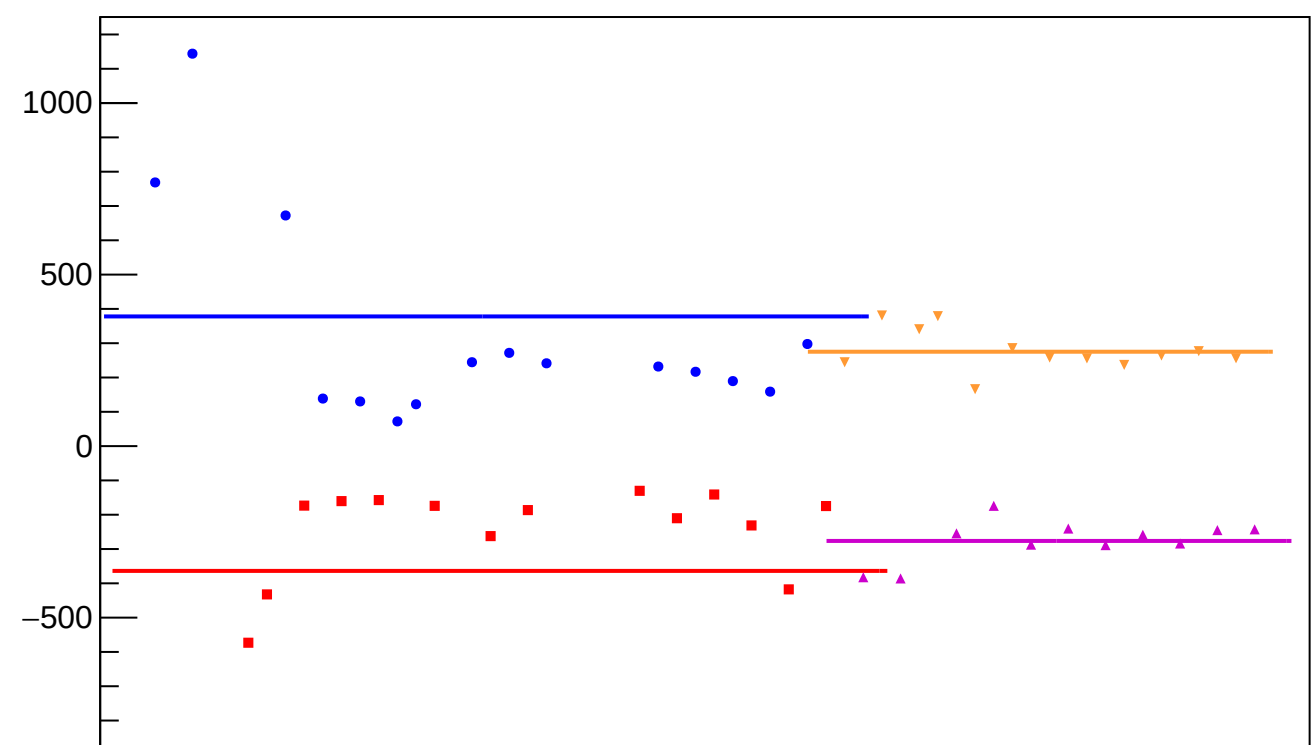
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

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

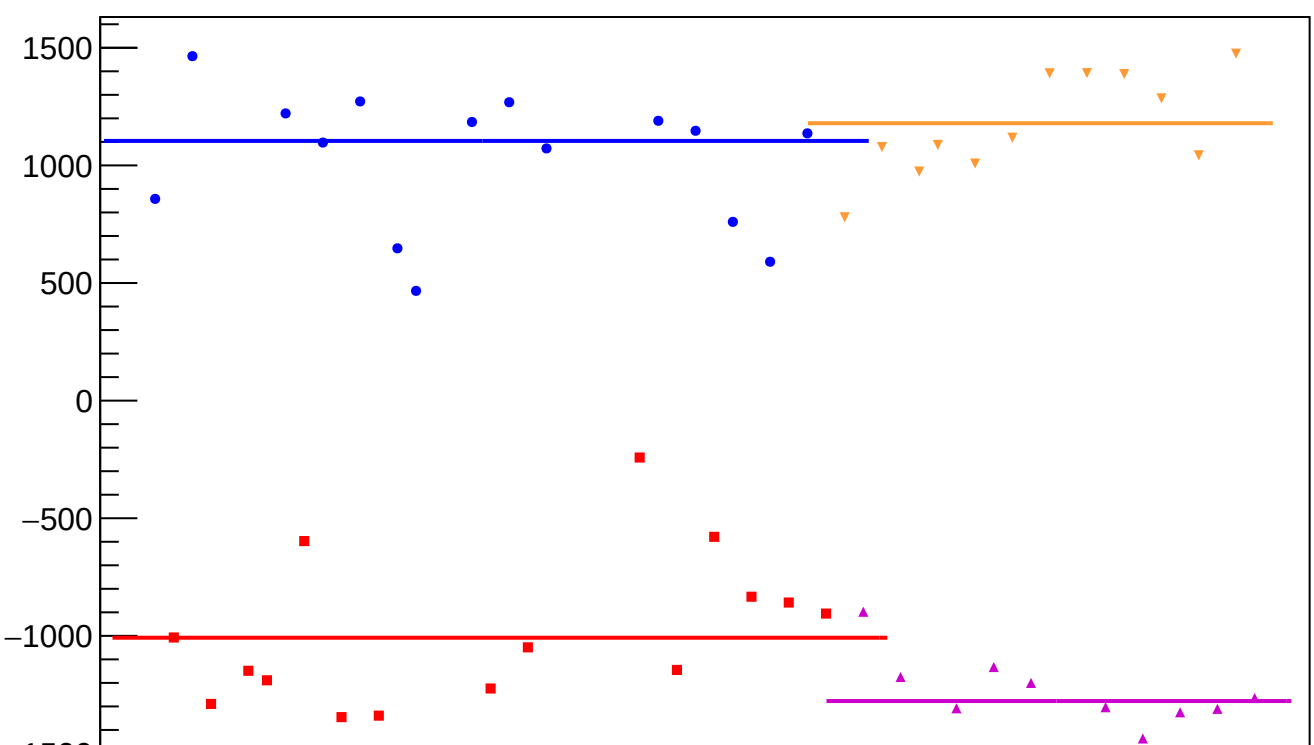
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

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

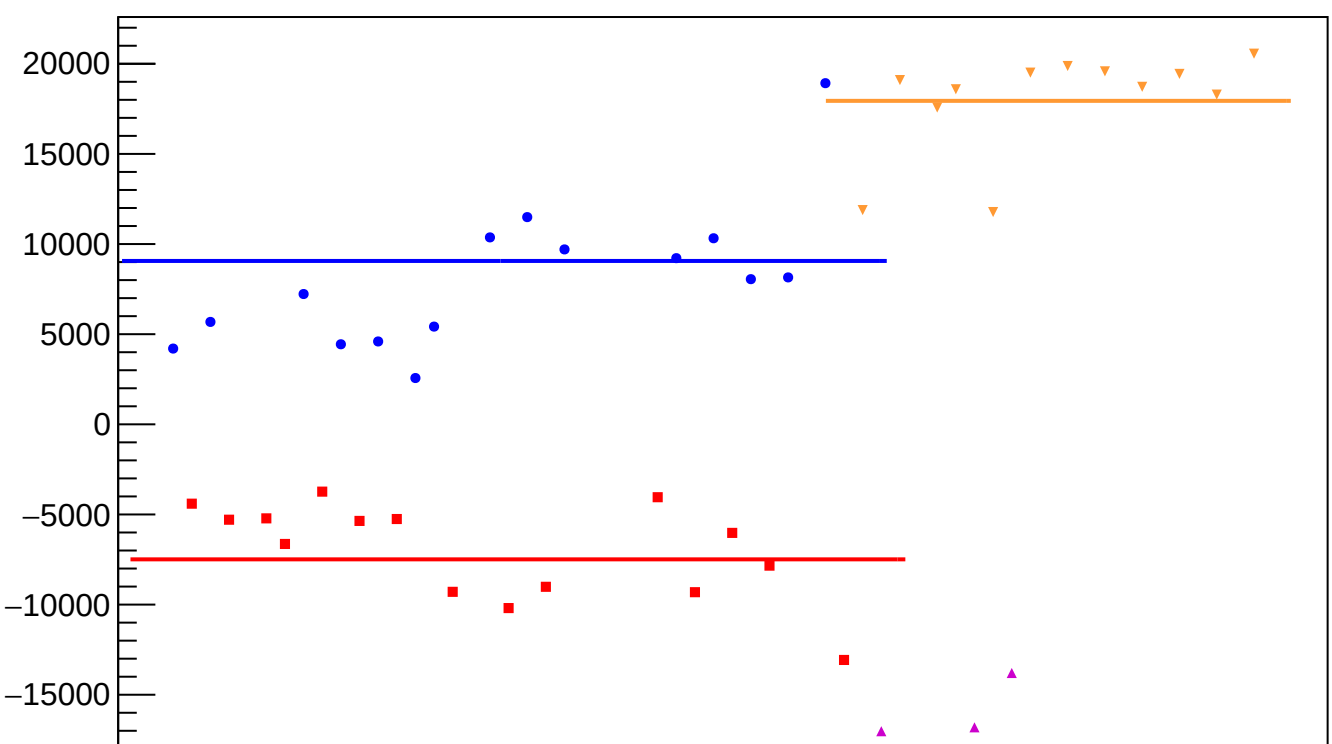
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

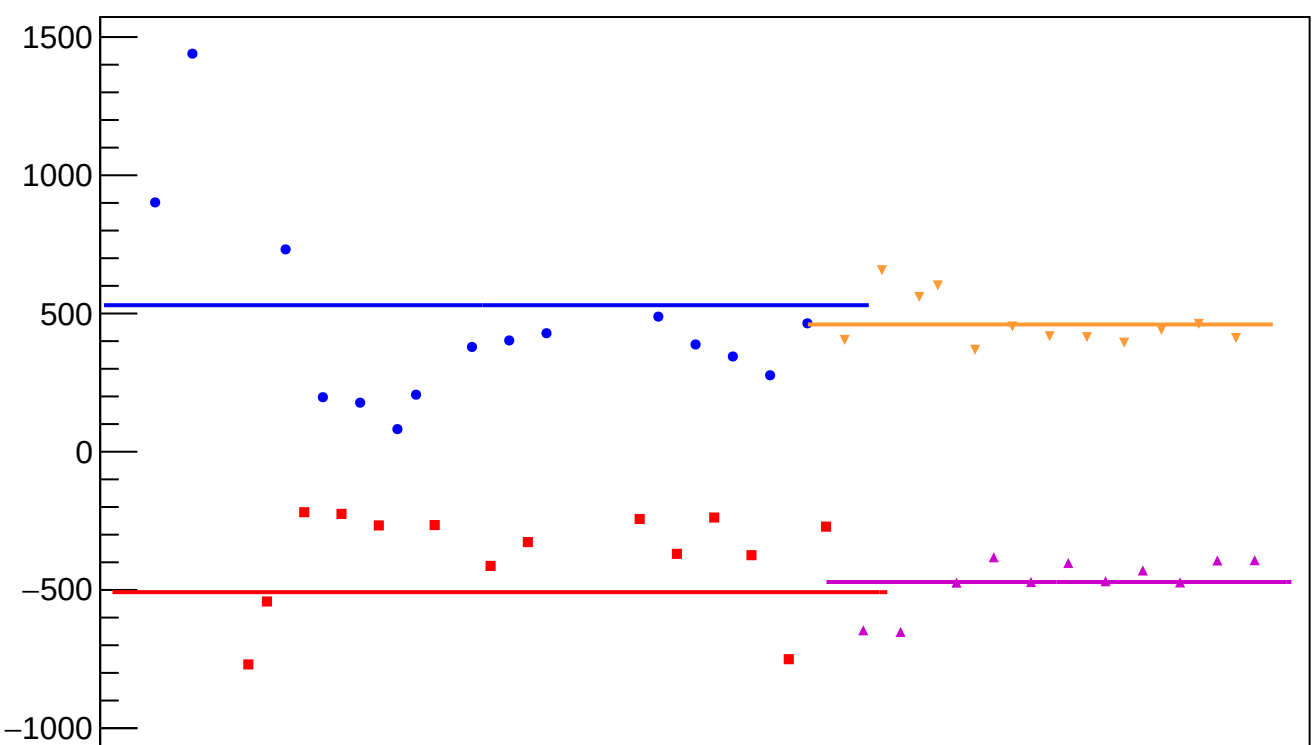
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

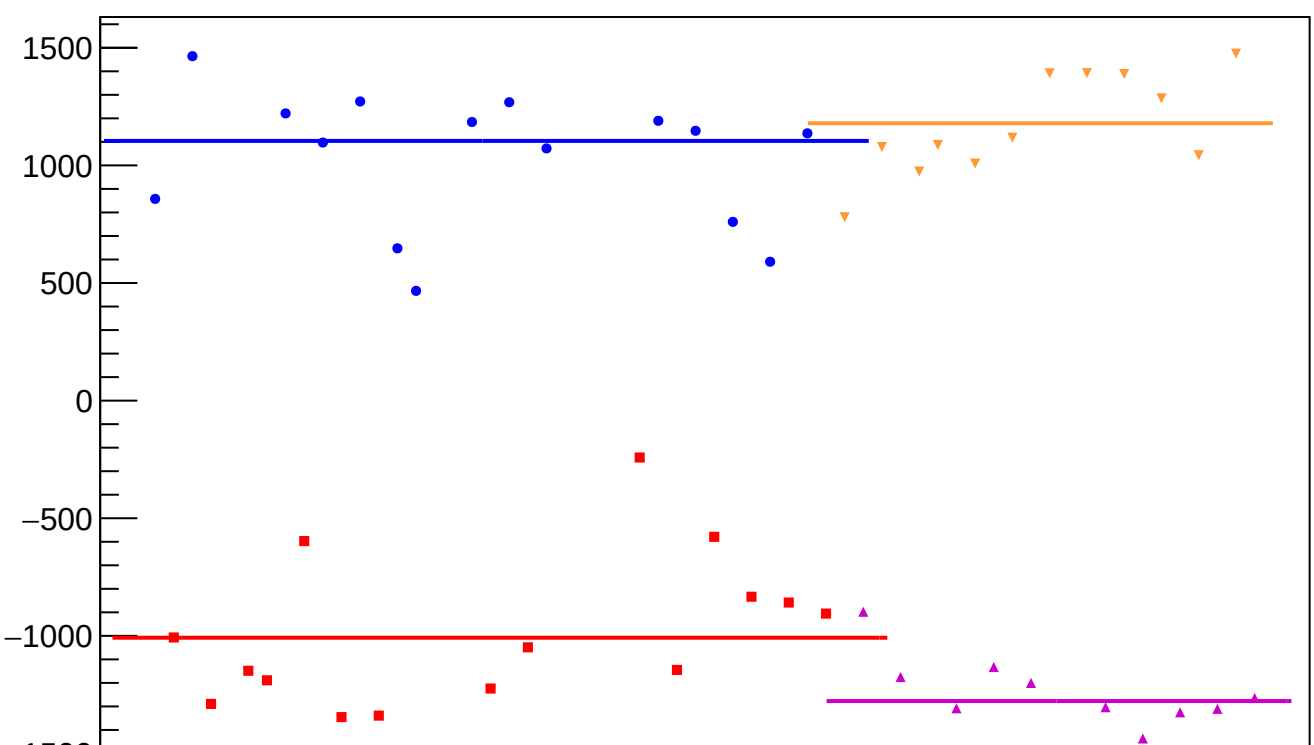
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

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

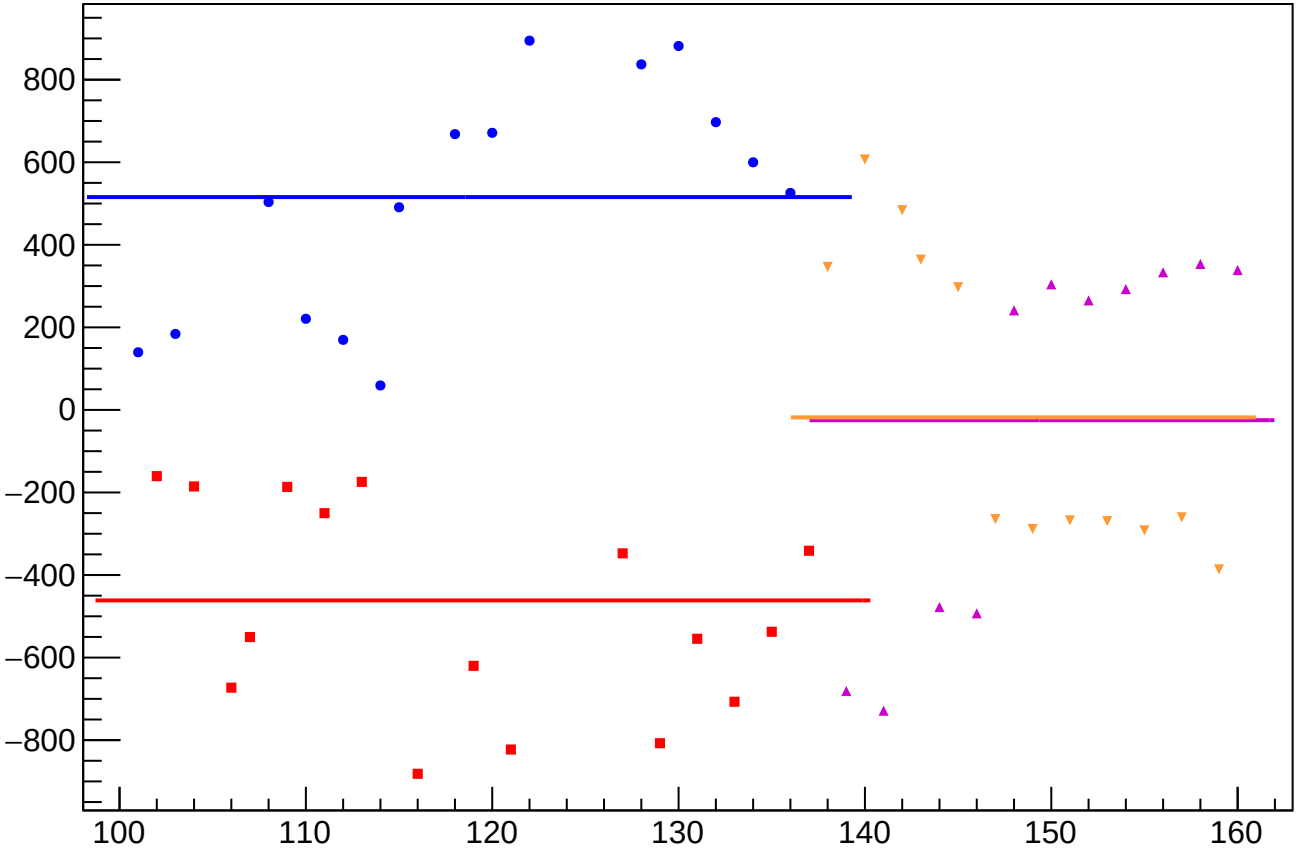
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

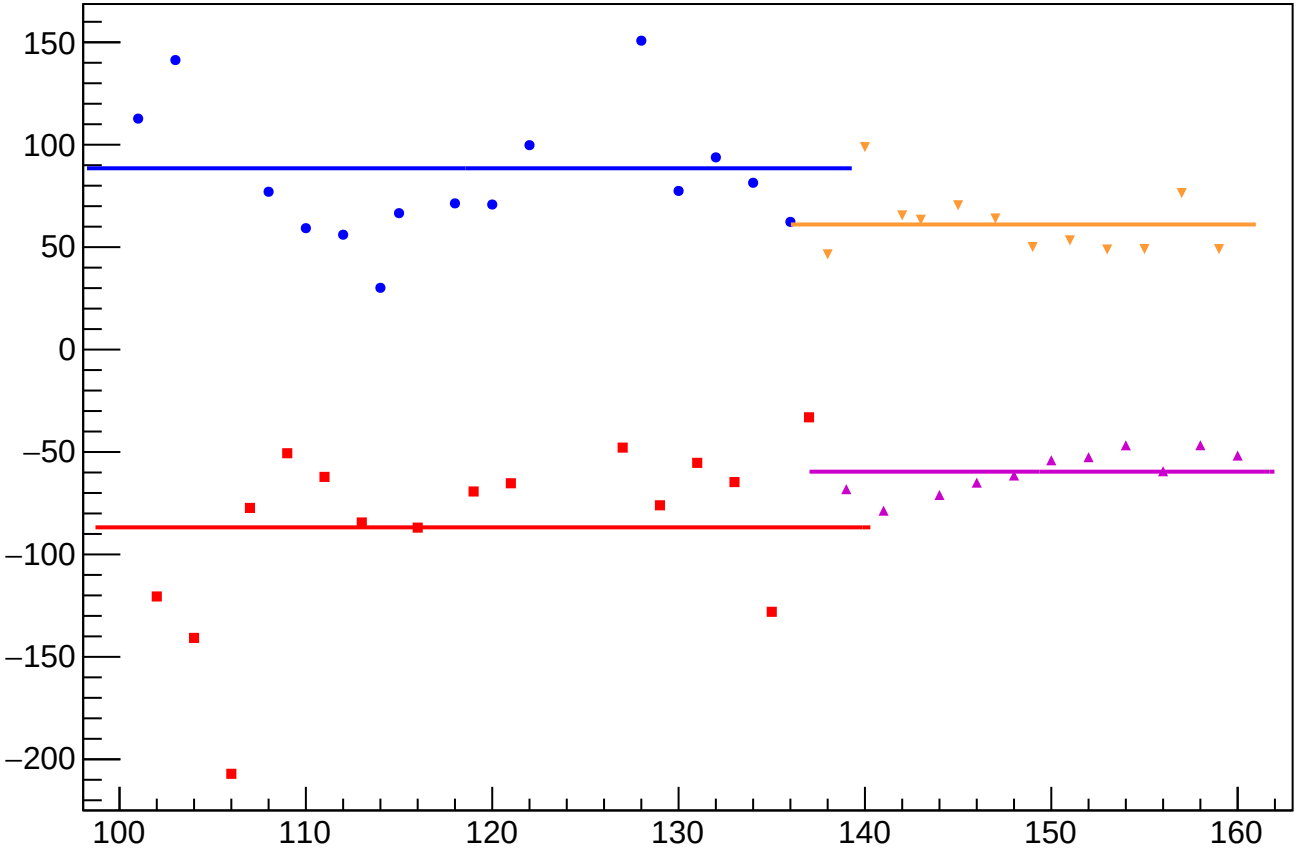
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

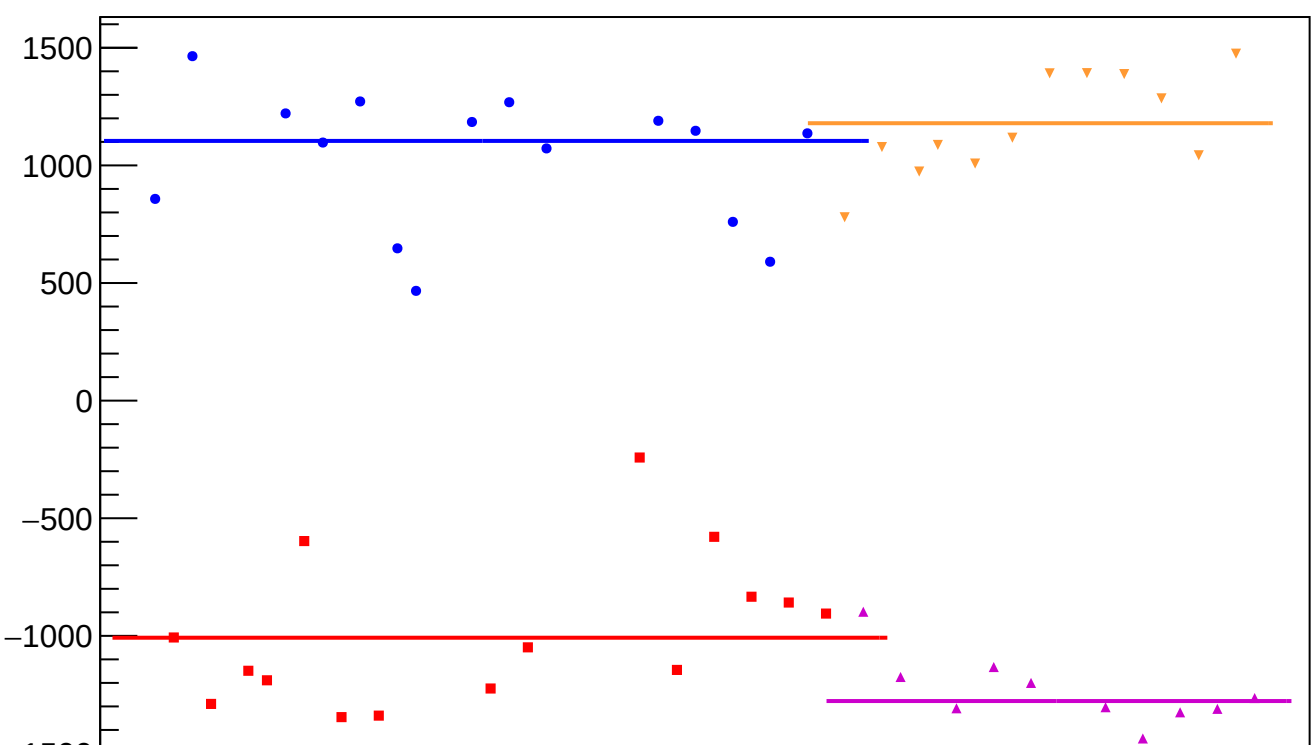
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

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

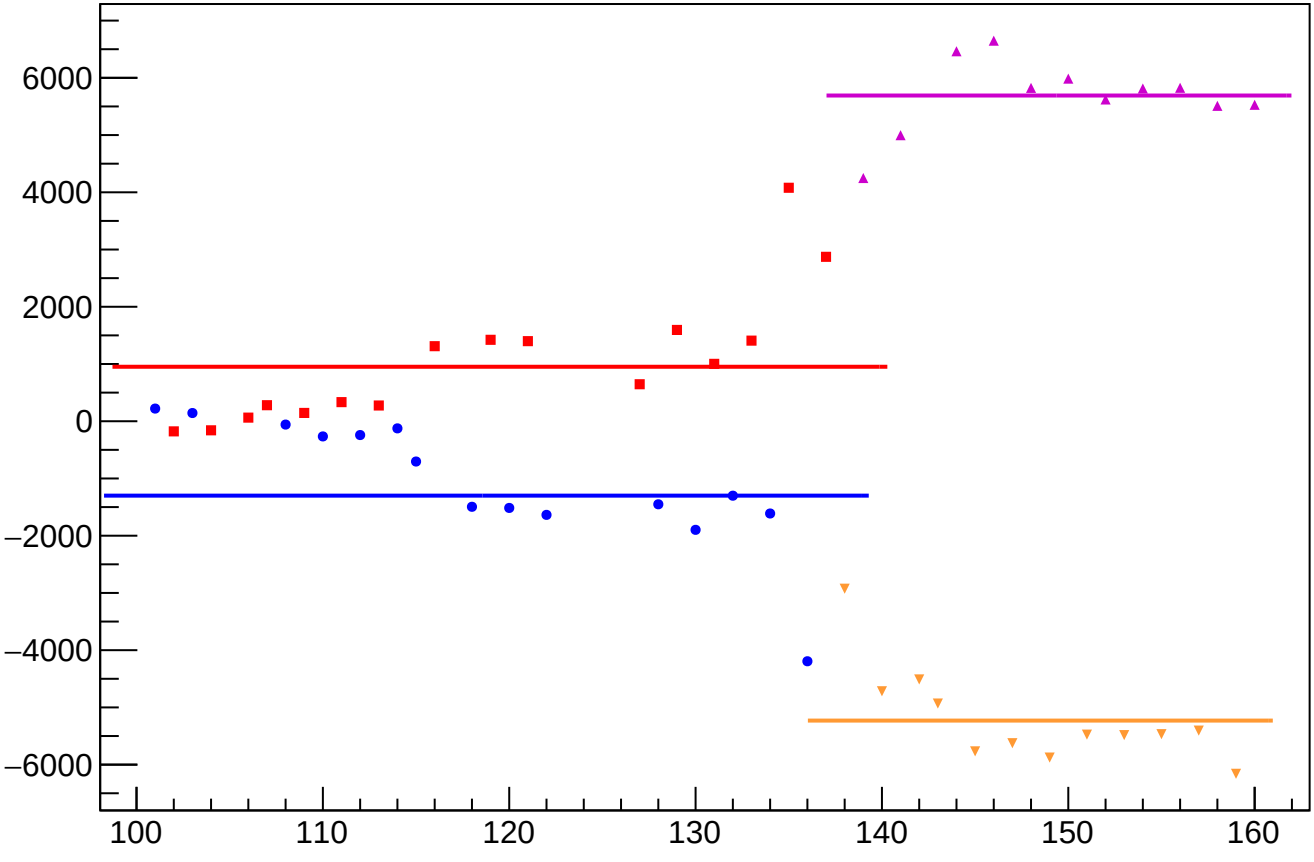
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

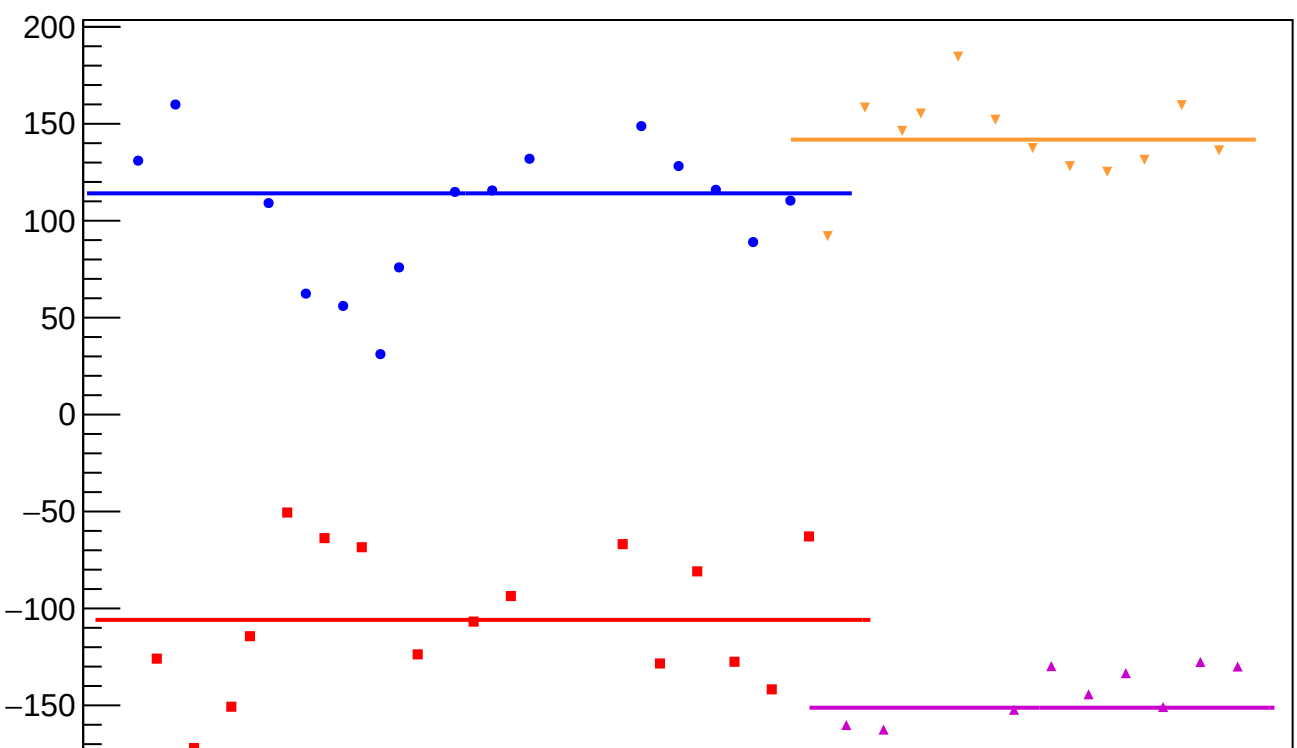
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

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

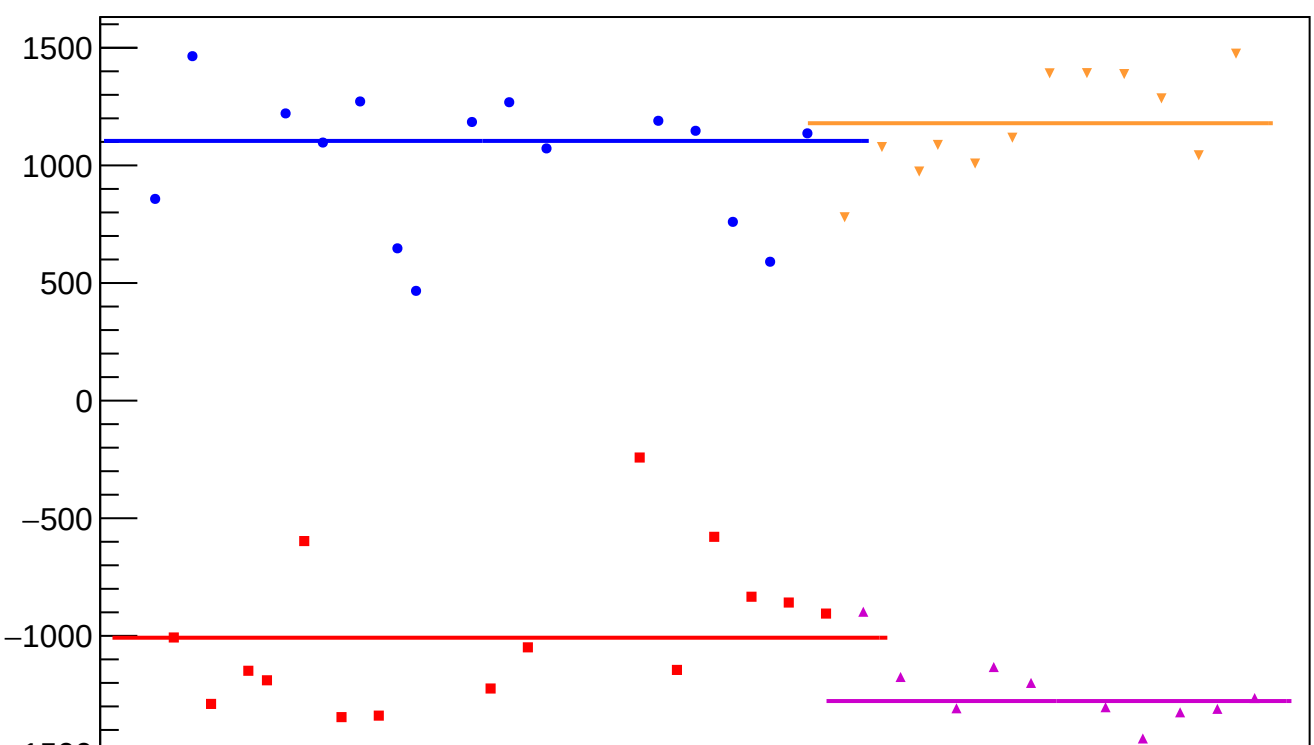
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

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

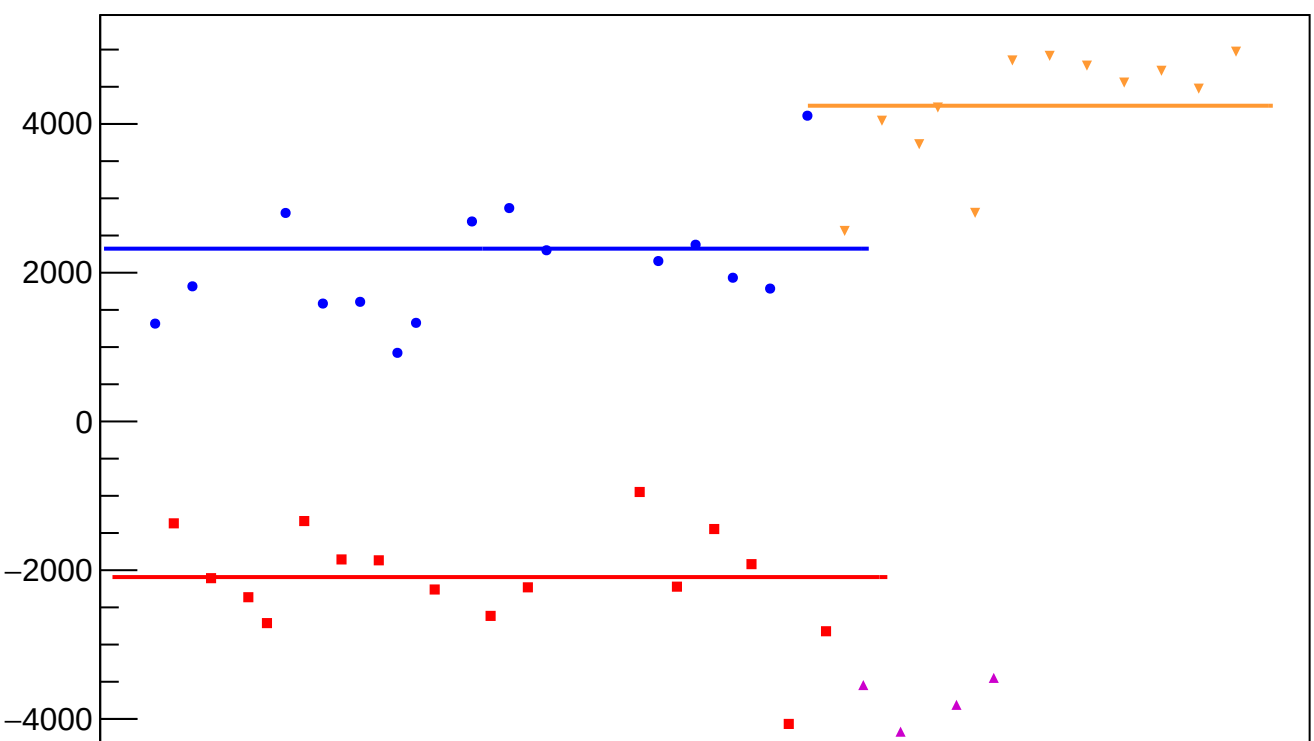
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

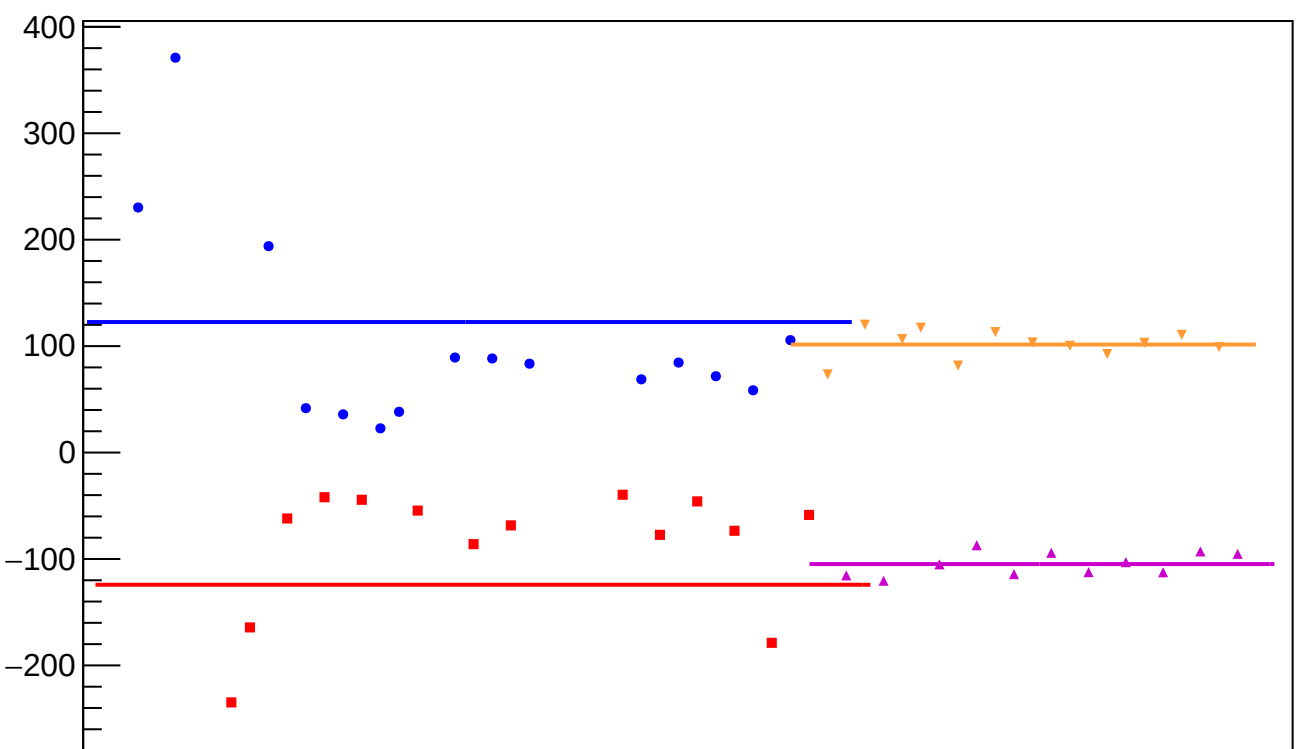
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

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

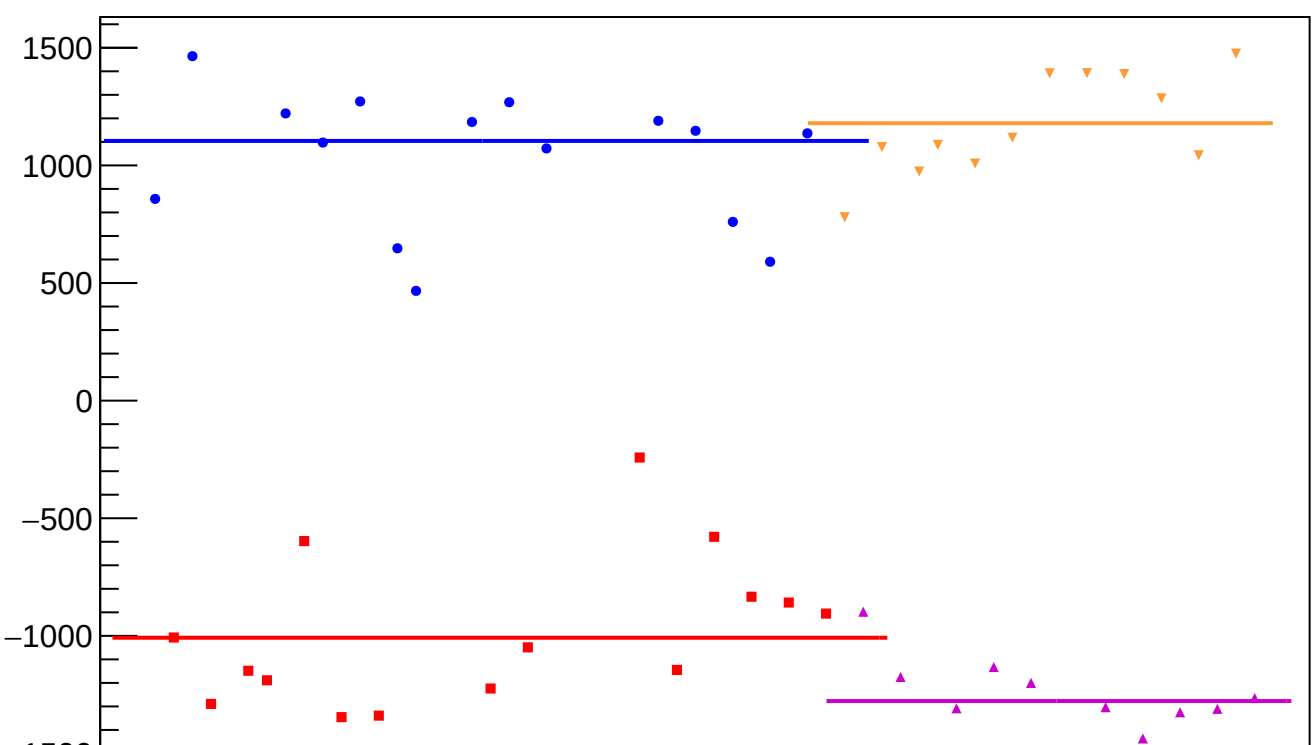
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

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

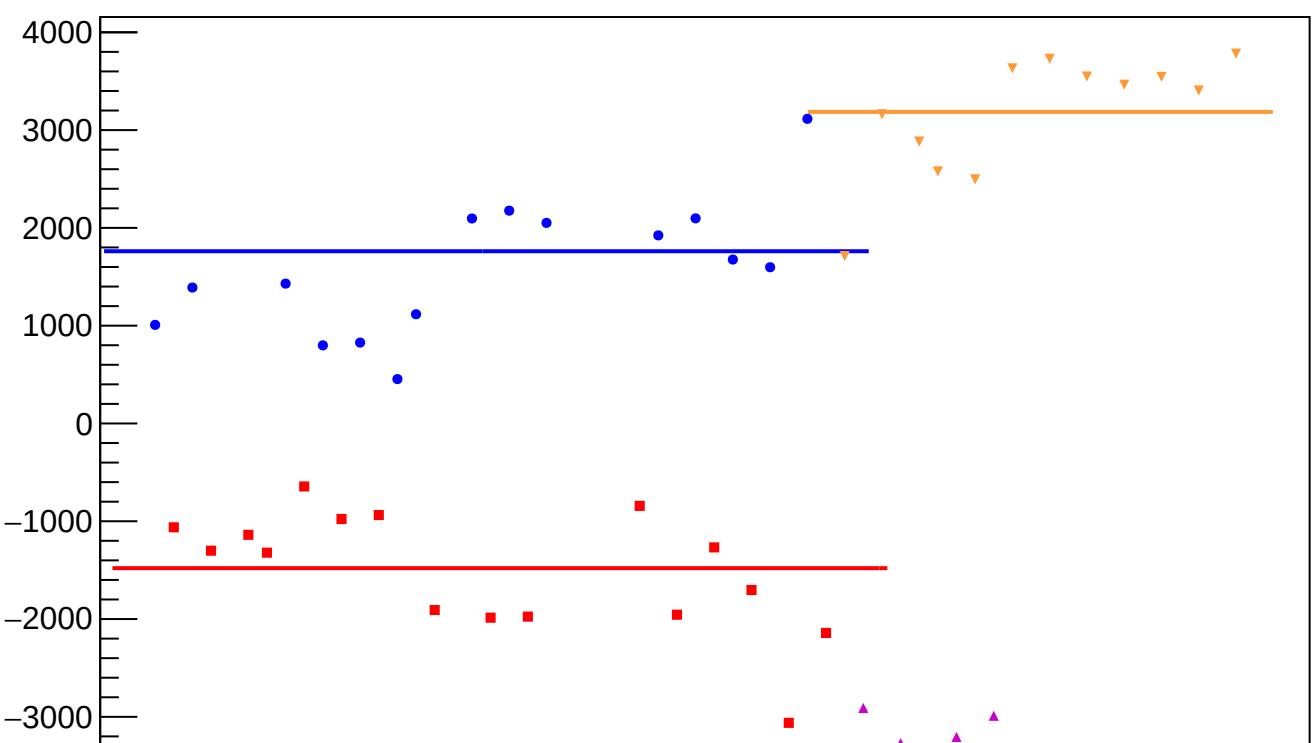
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

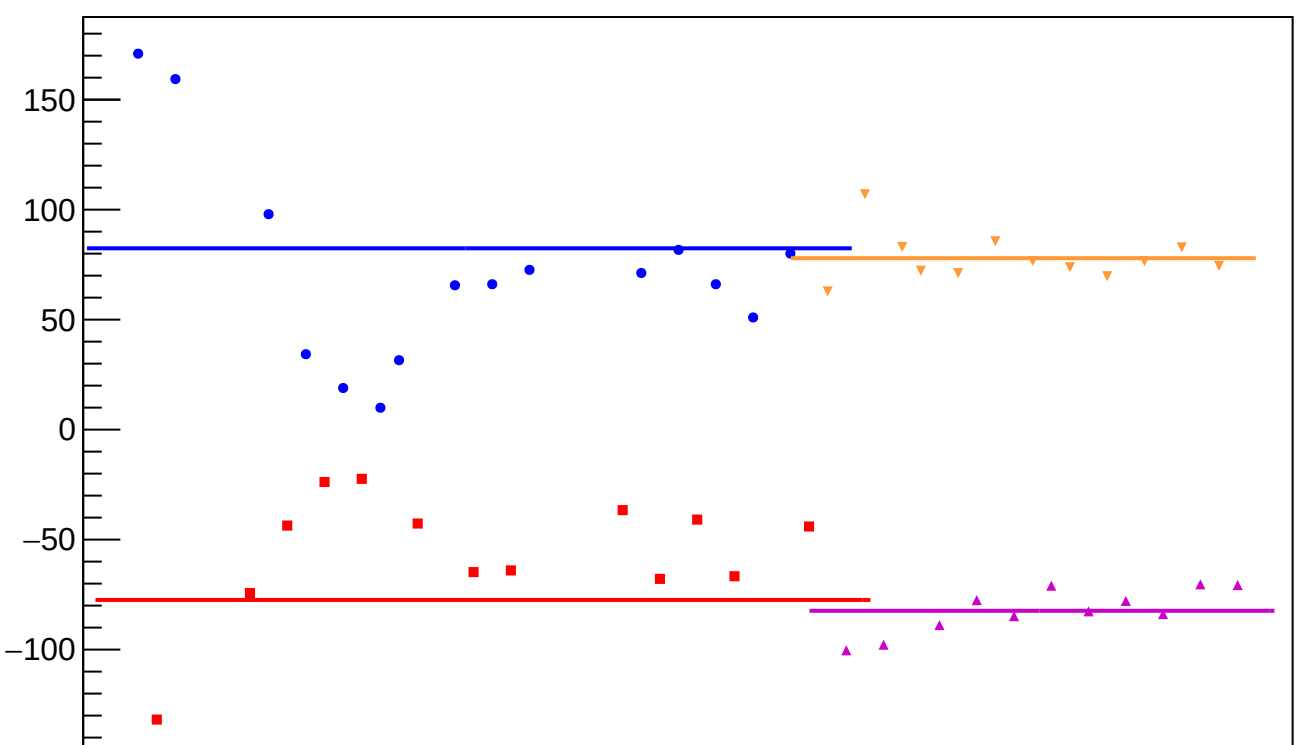
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

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

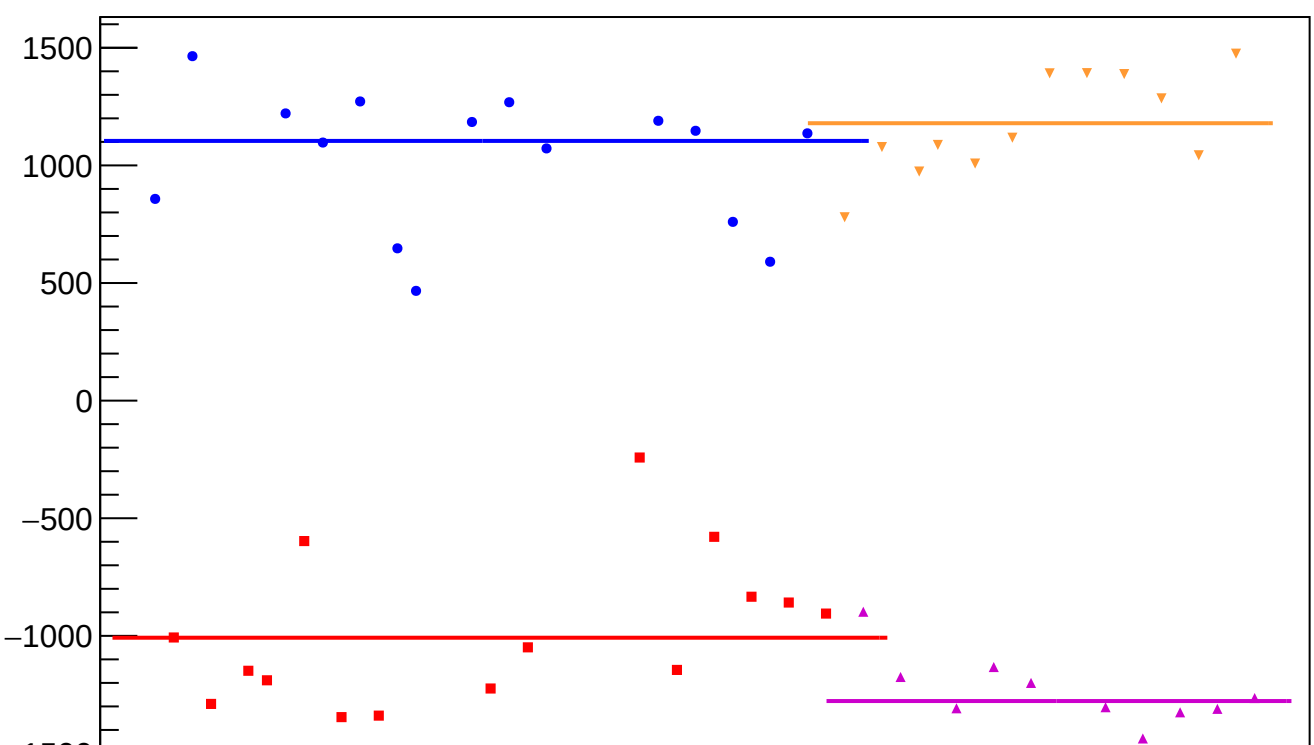
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

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

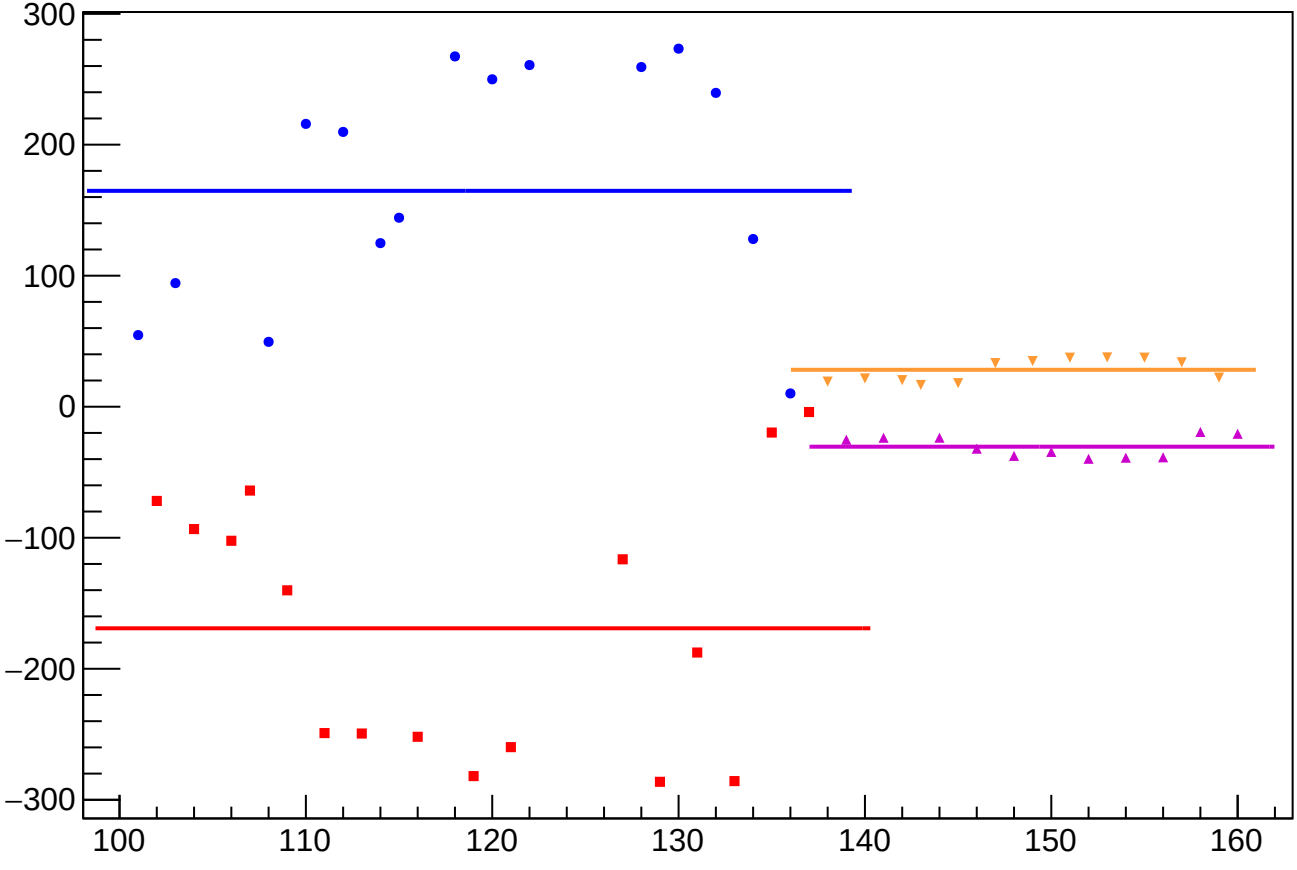
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

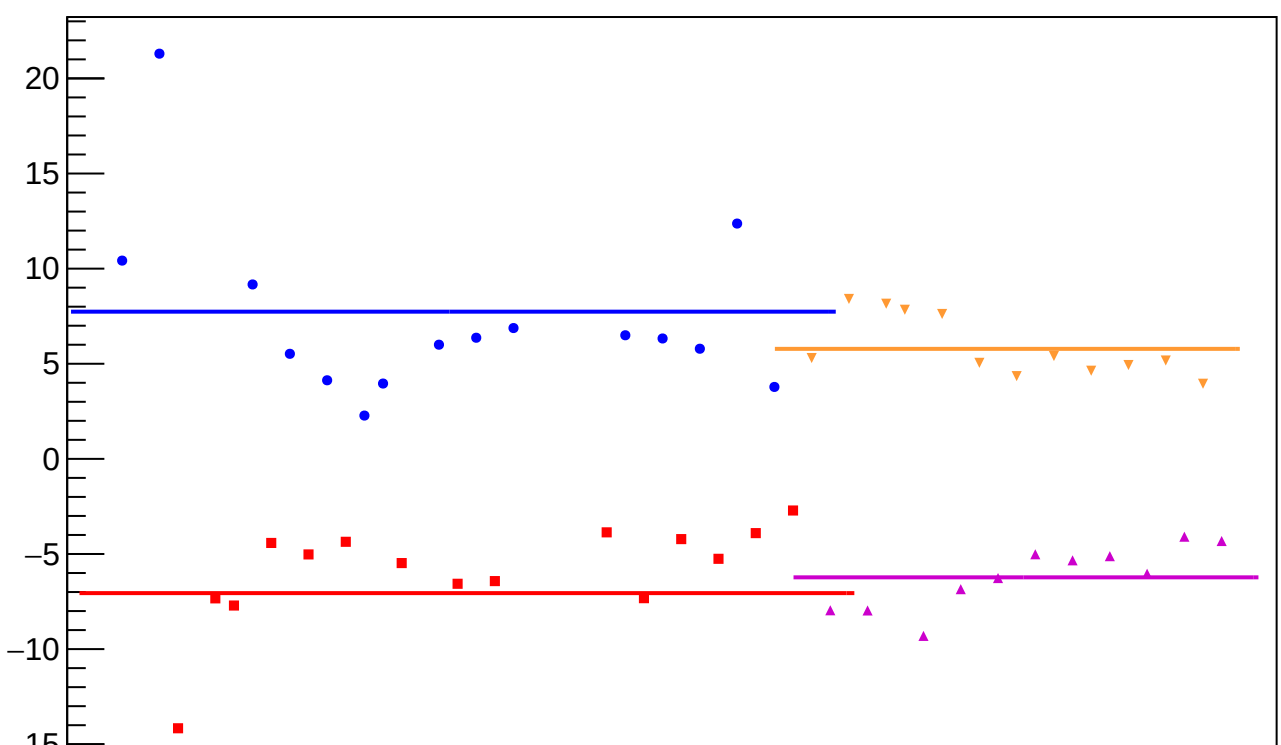
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

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

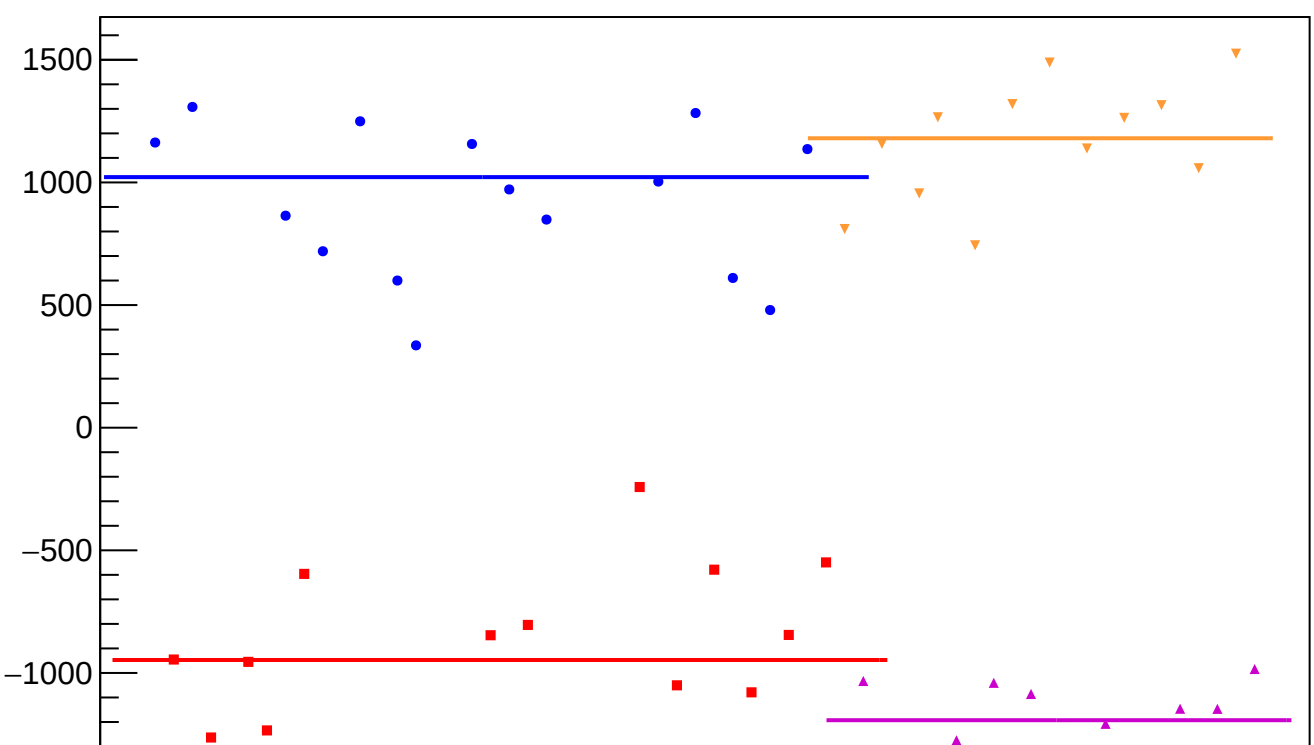
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

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

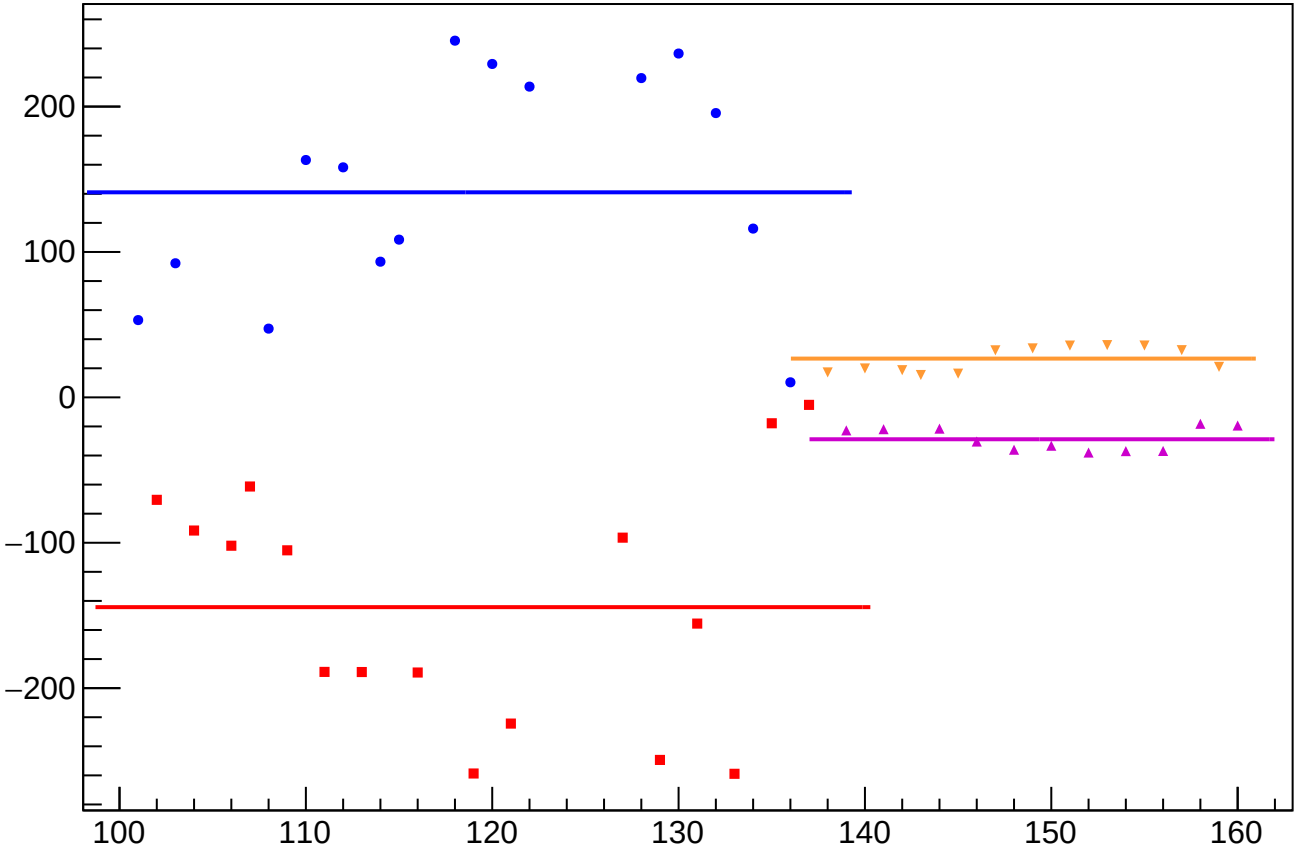
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

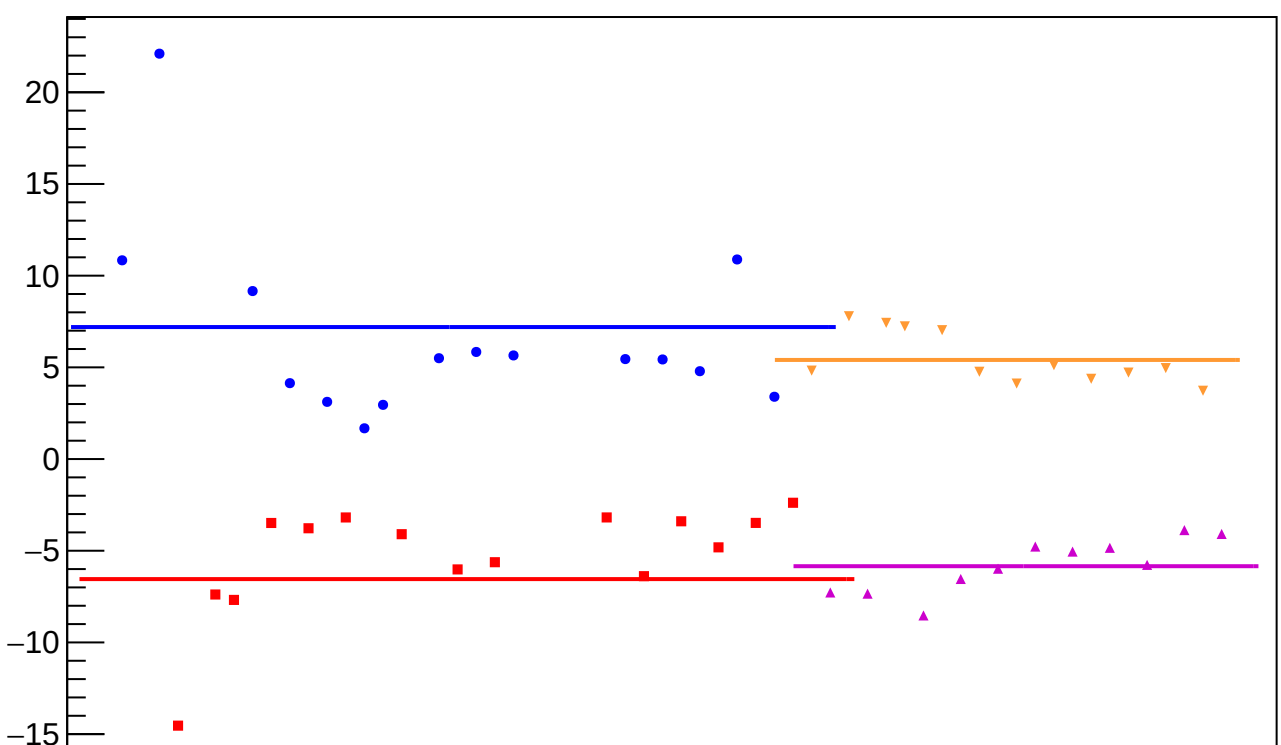
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

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

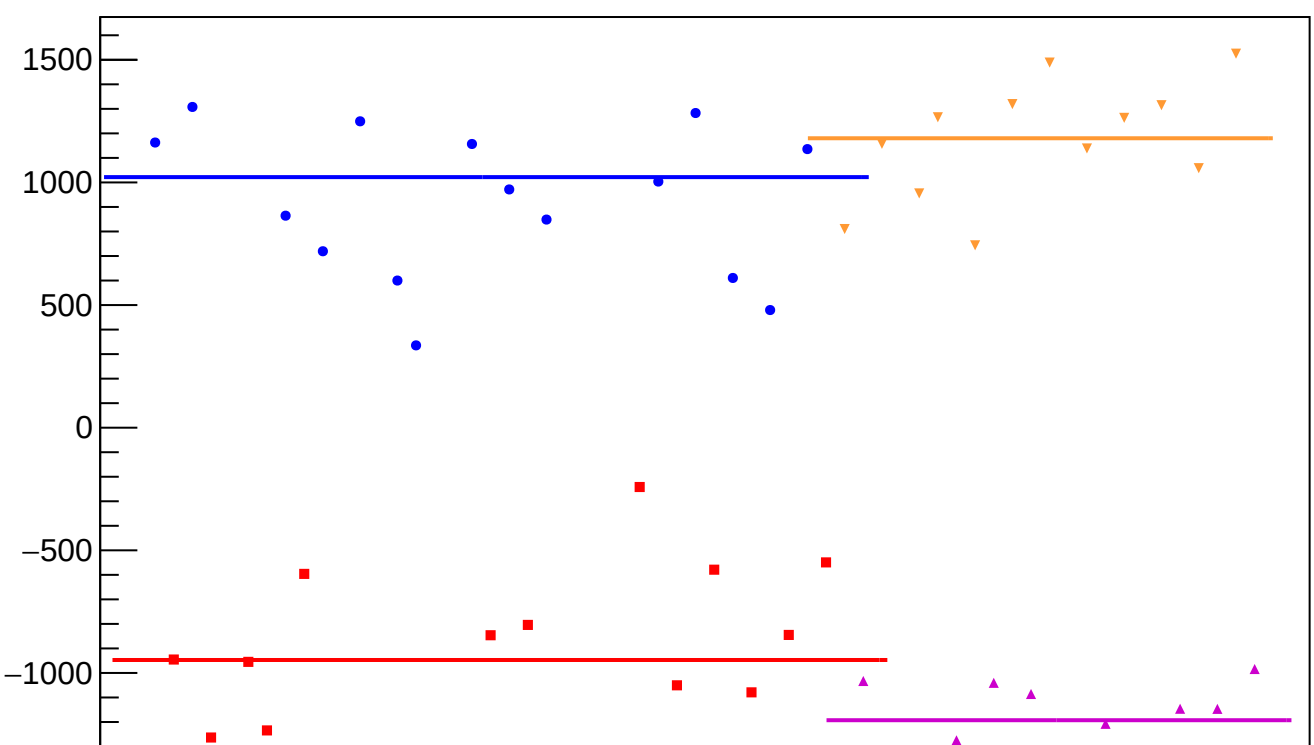
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

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

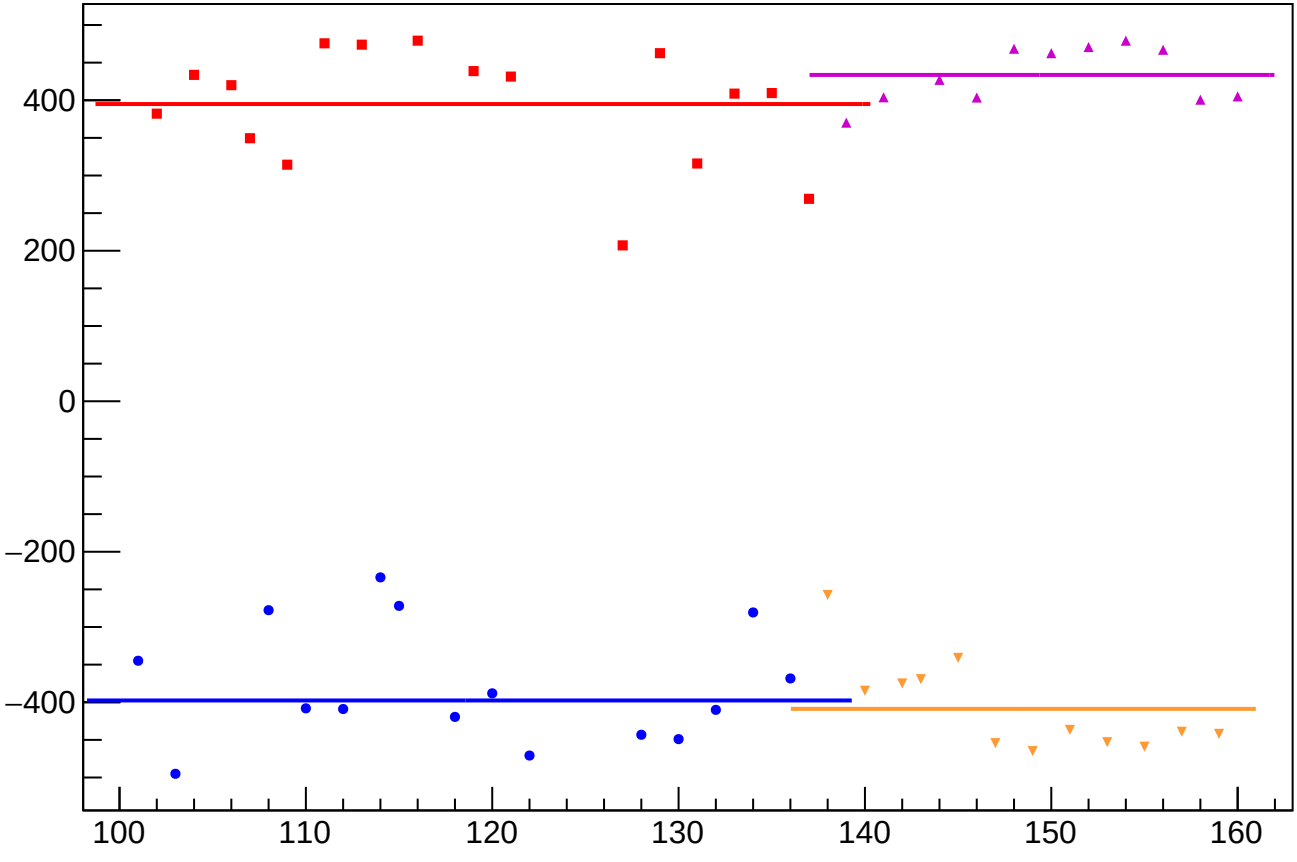
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

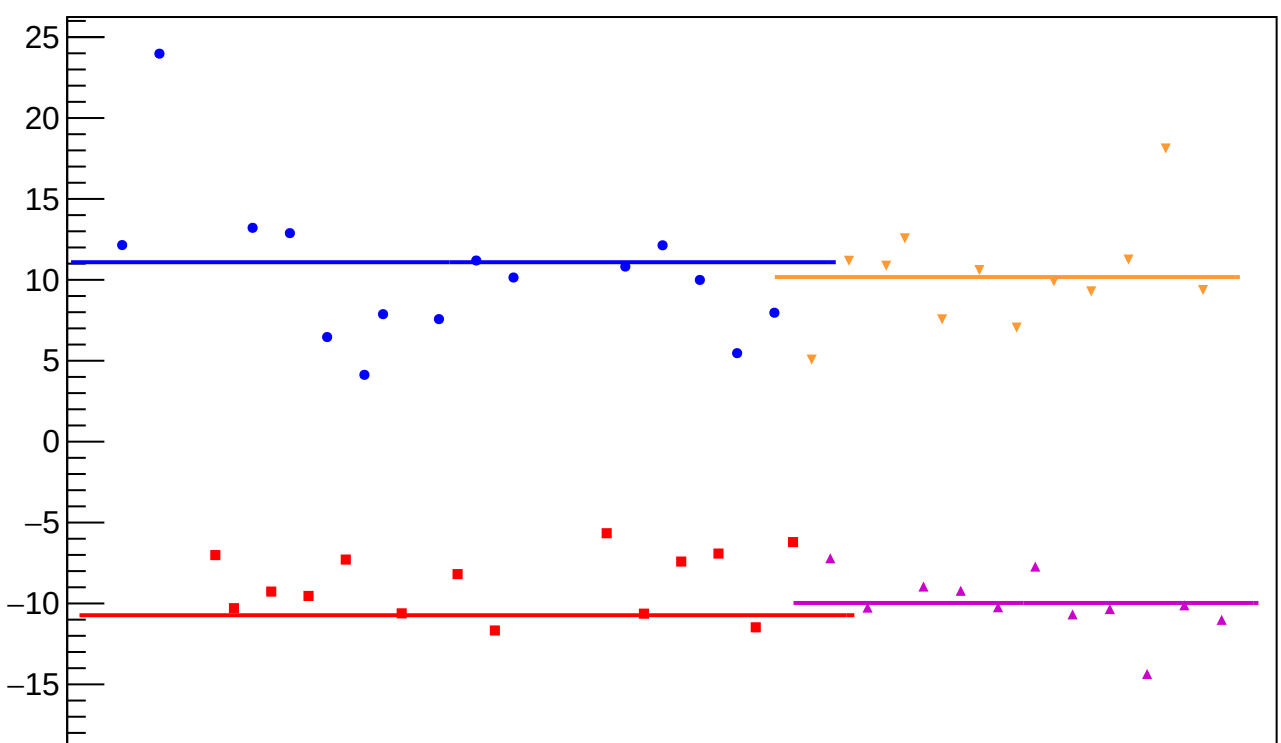
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

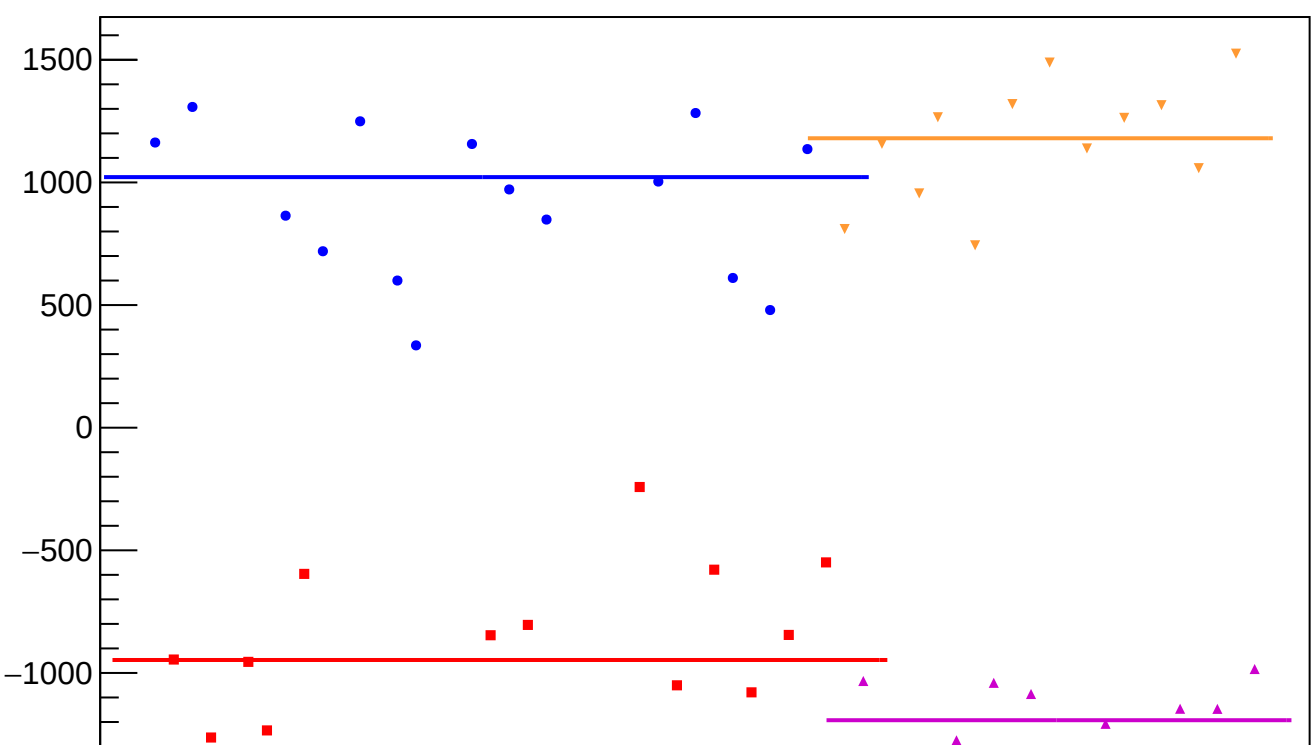
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

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

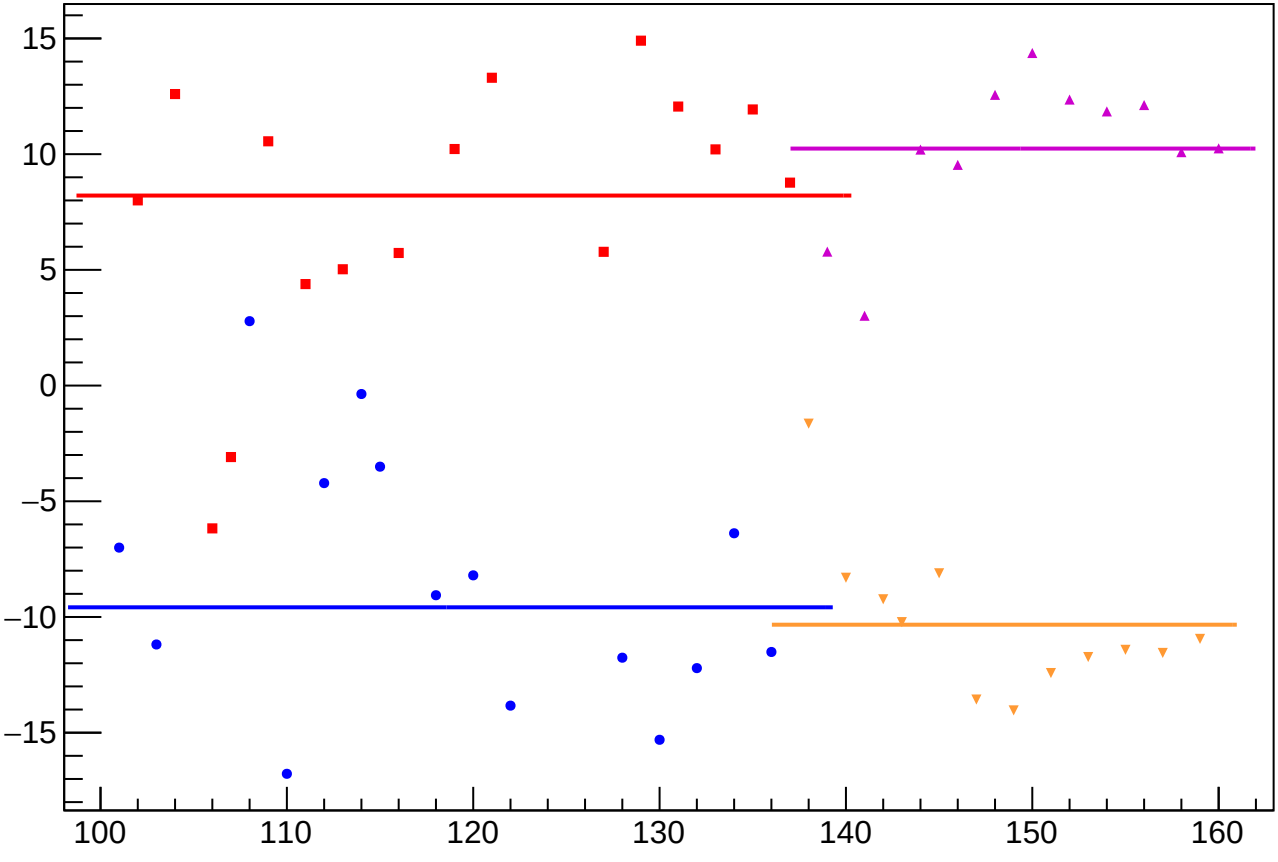
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

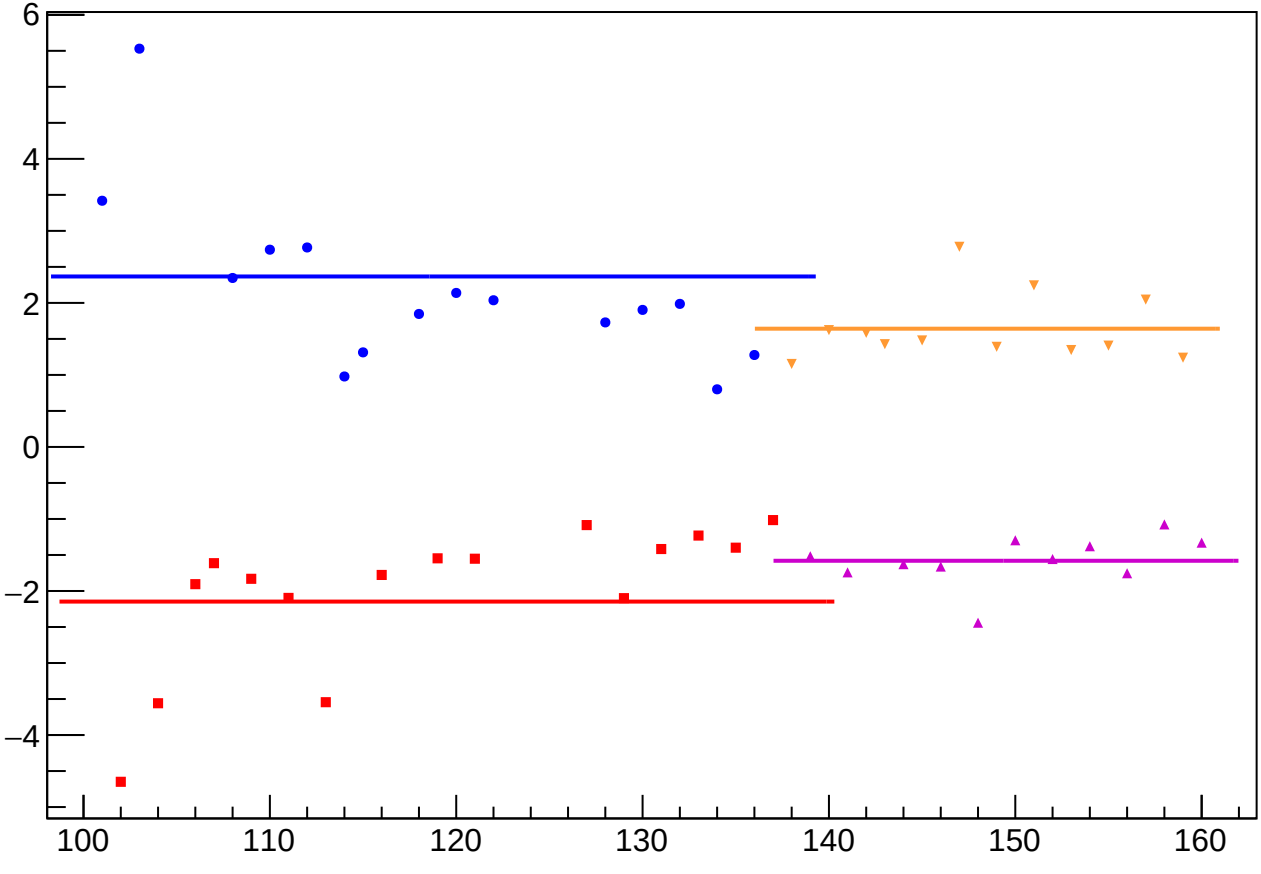
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

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

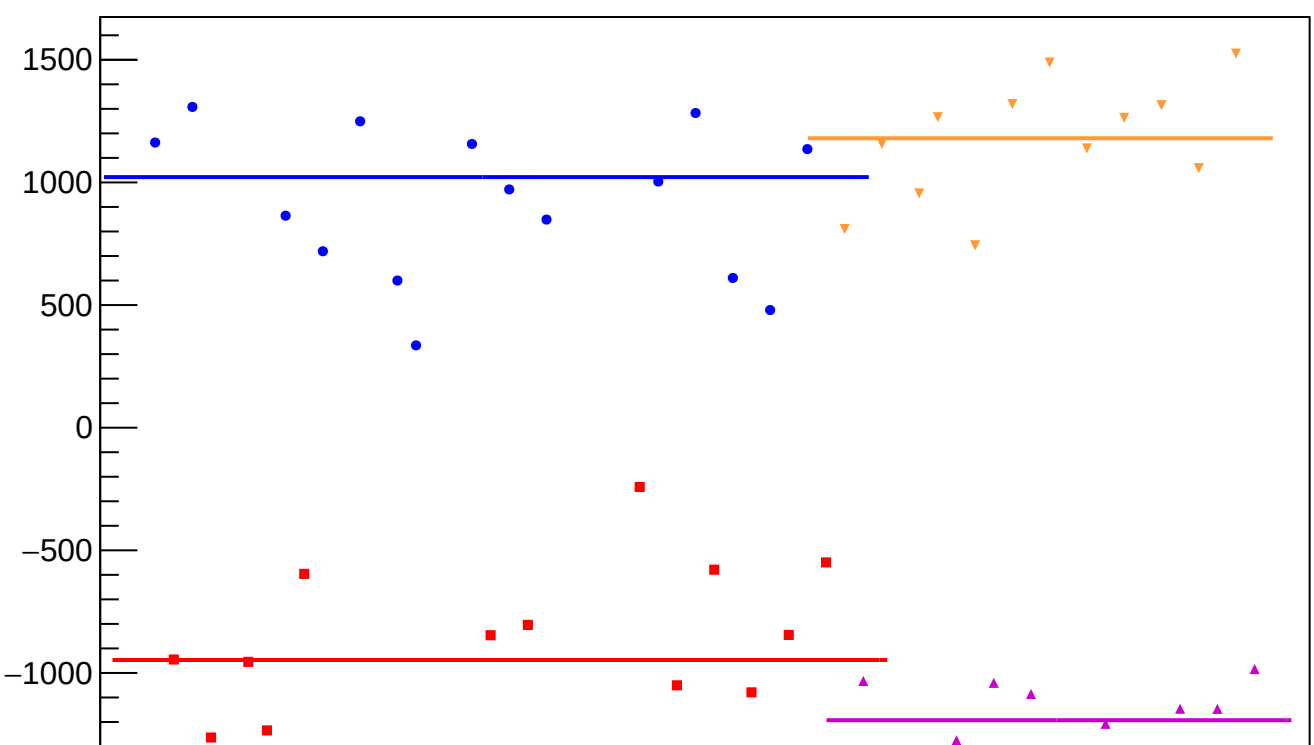
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

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

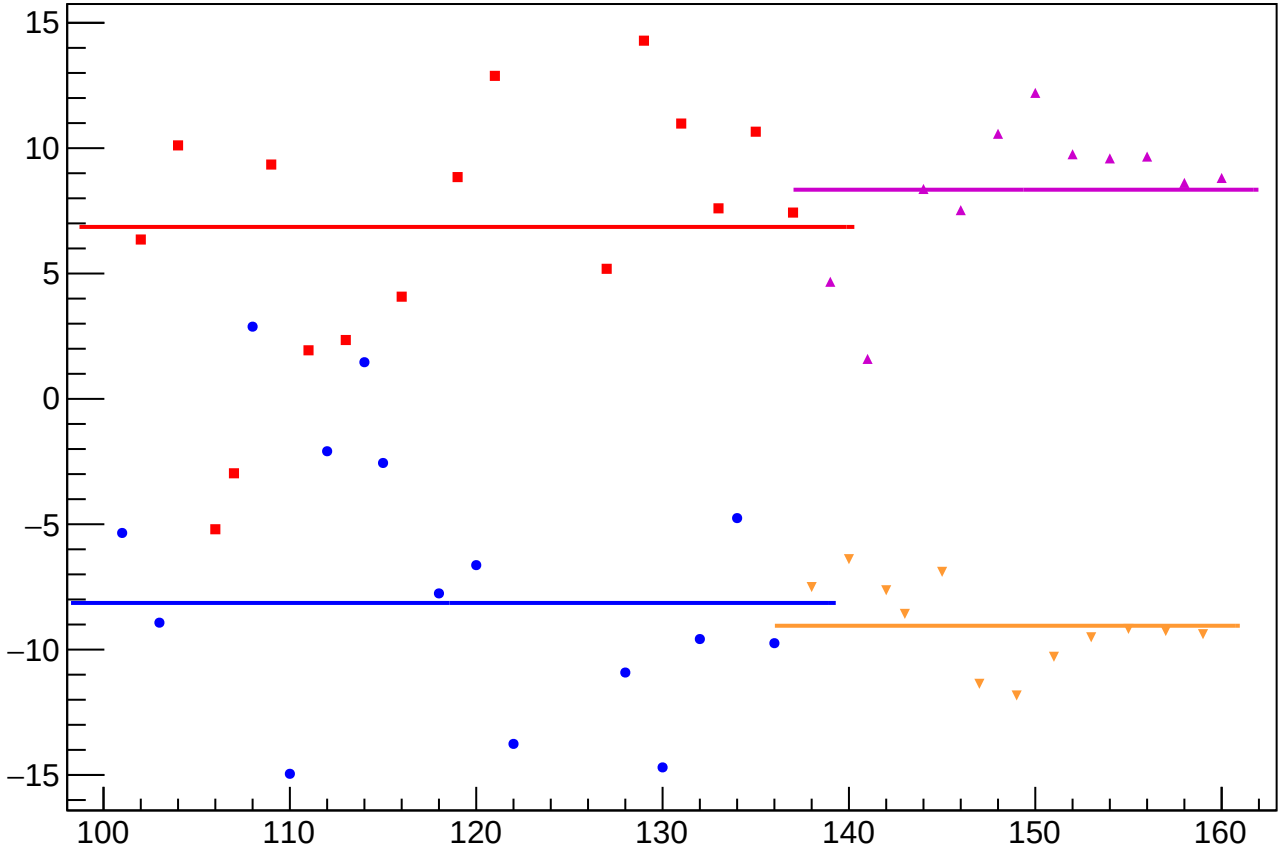
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

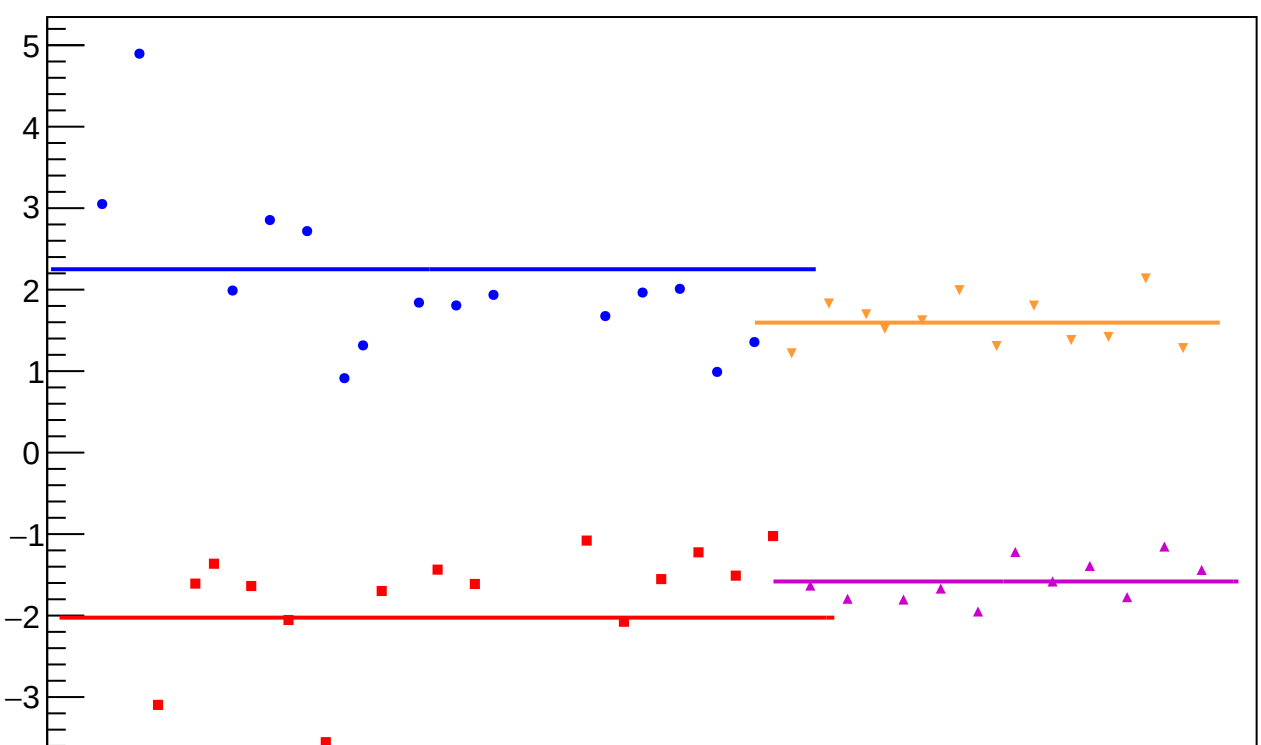
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

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

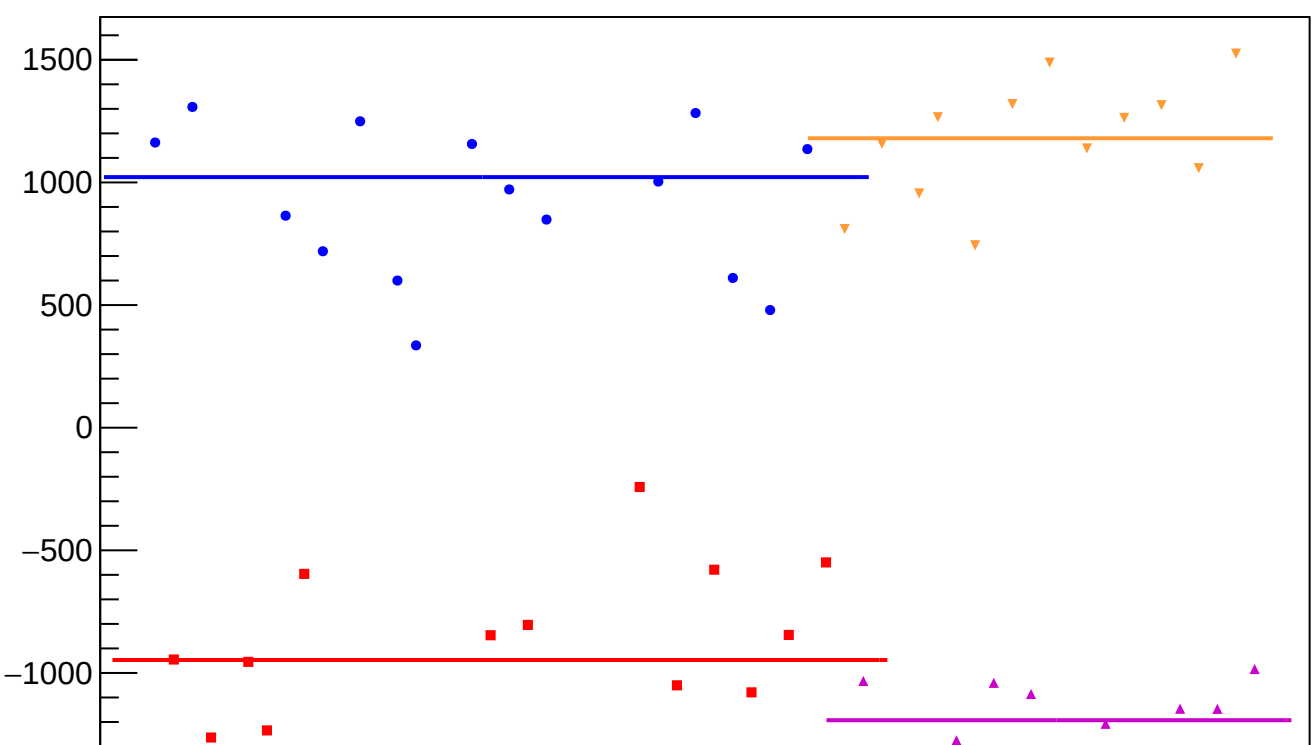
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

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

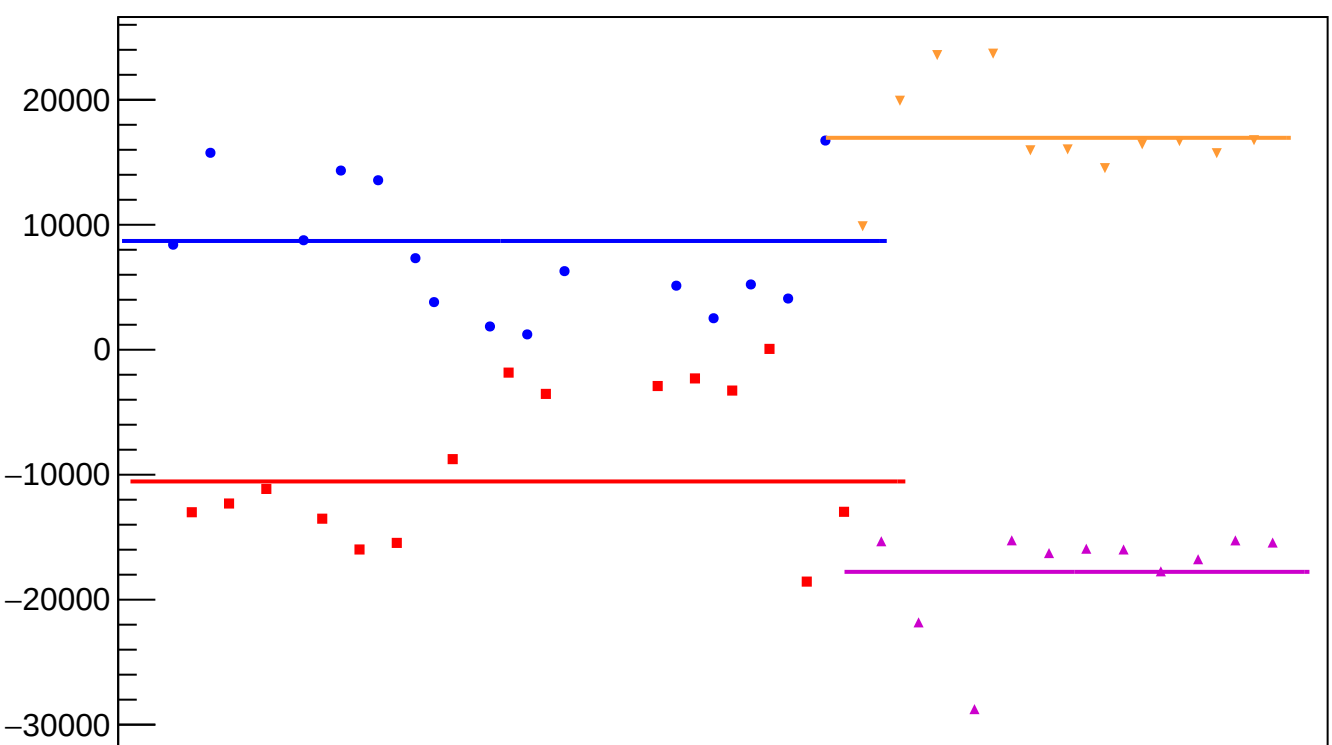
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

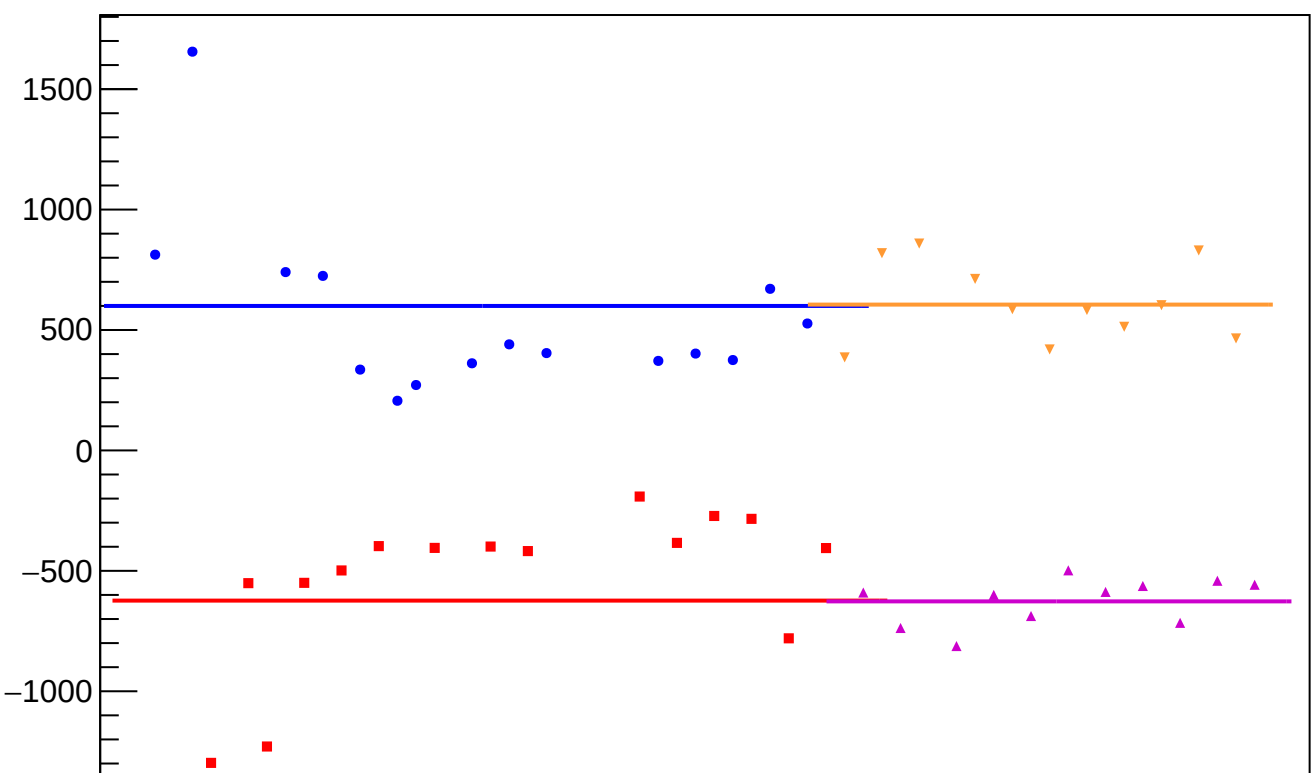
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

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

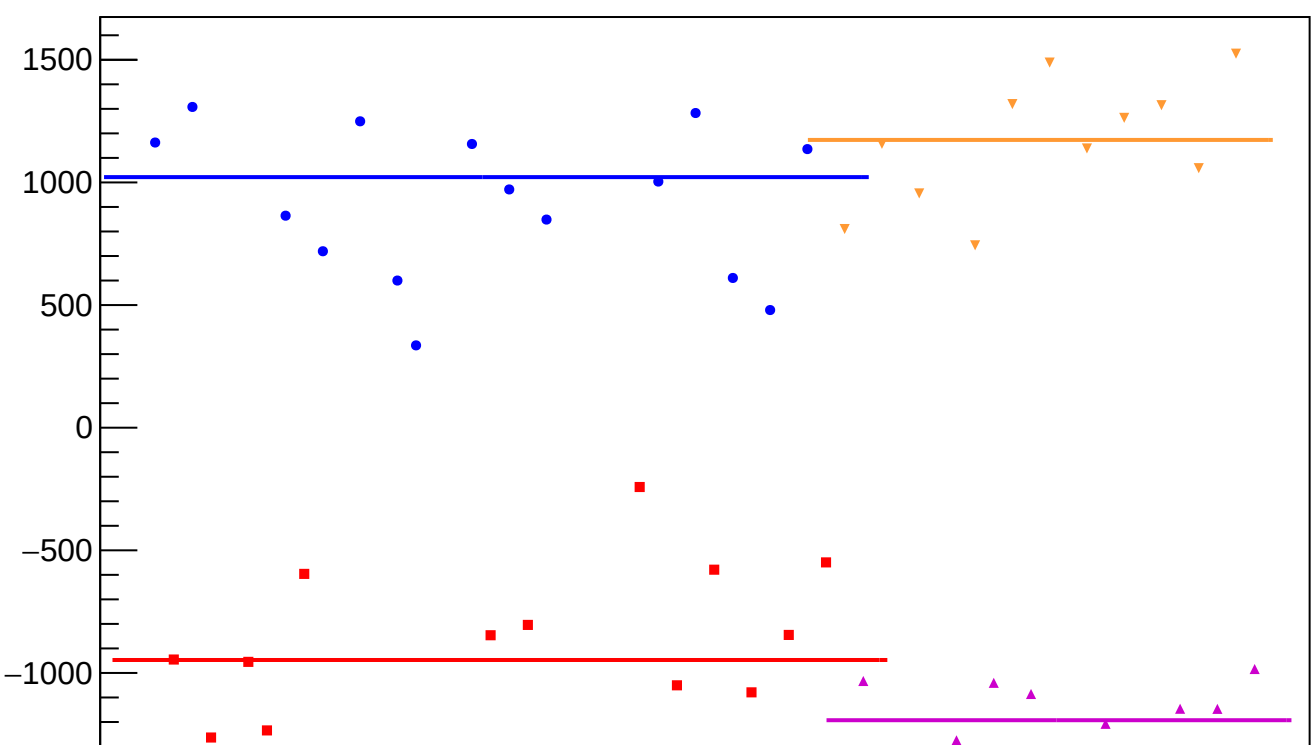
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

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

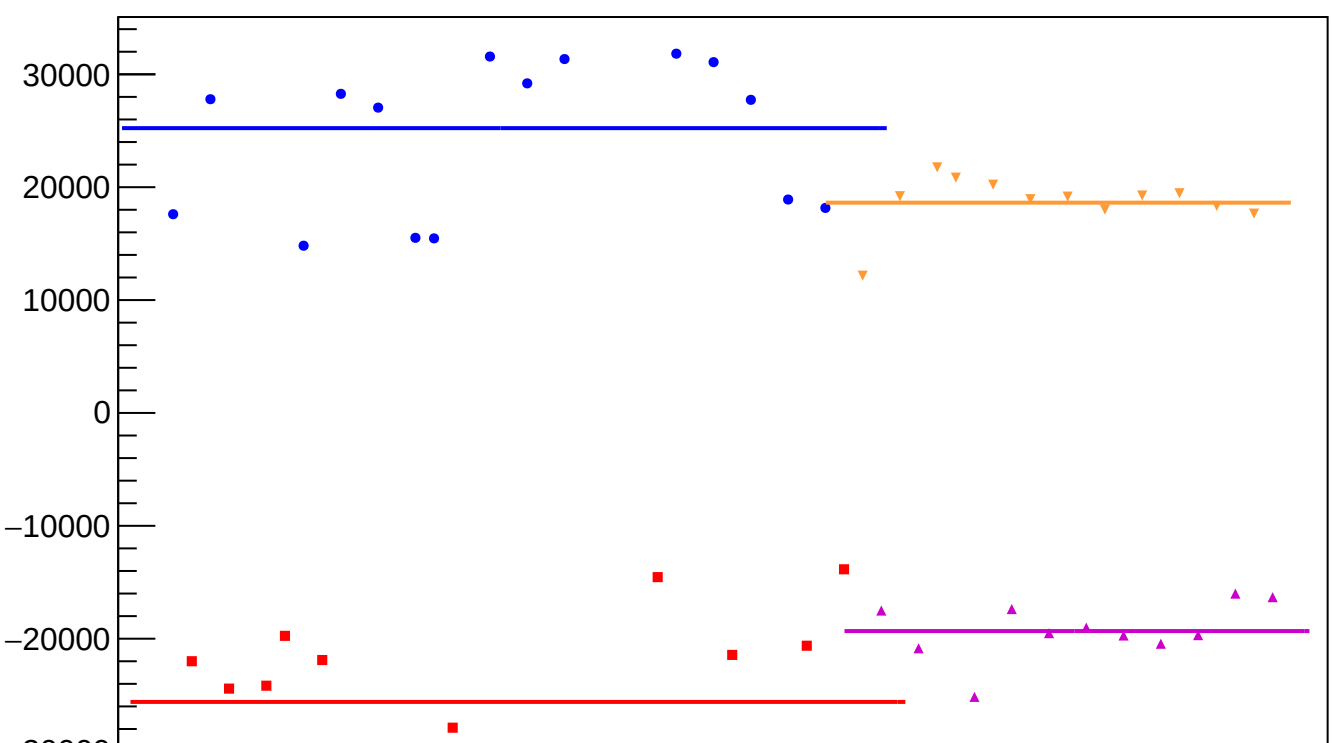
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

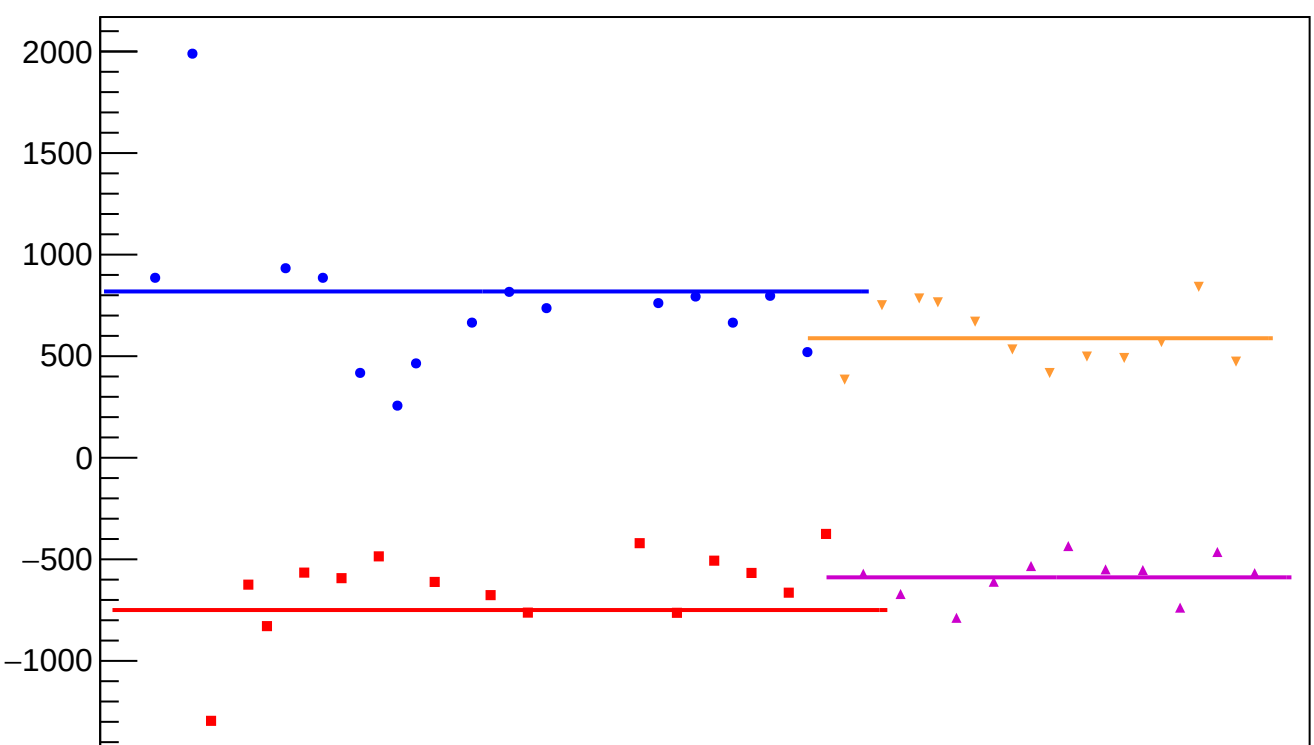
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

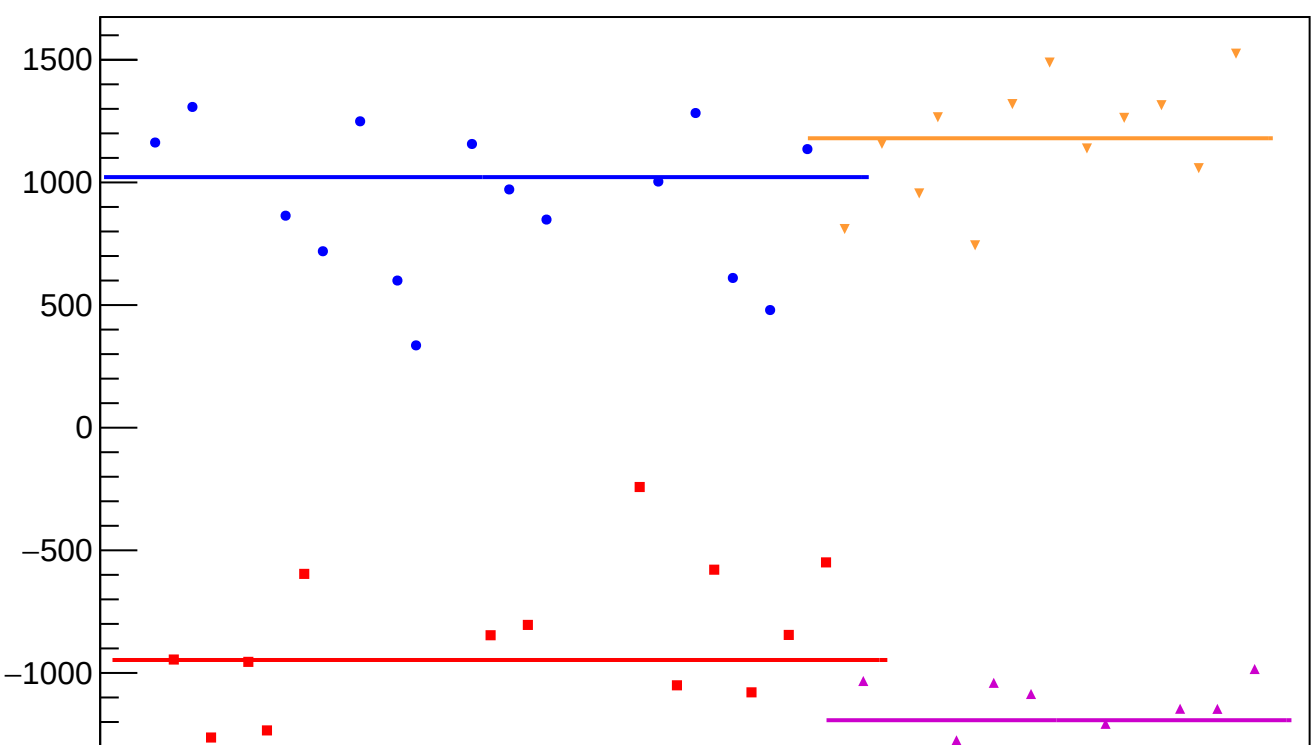
All: -483.976+/-0.000 χ^2/NDF: 15707826192

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

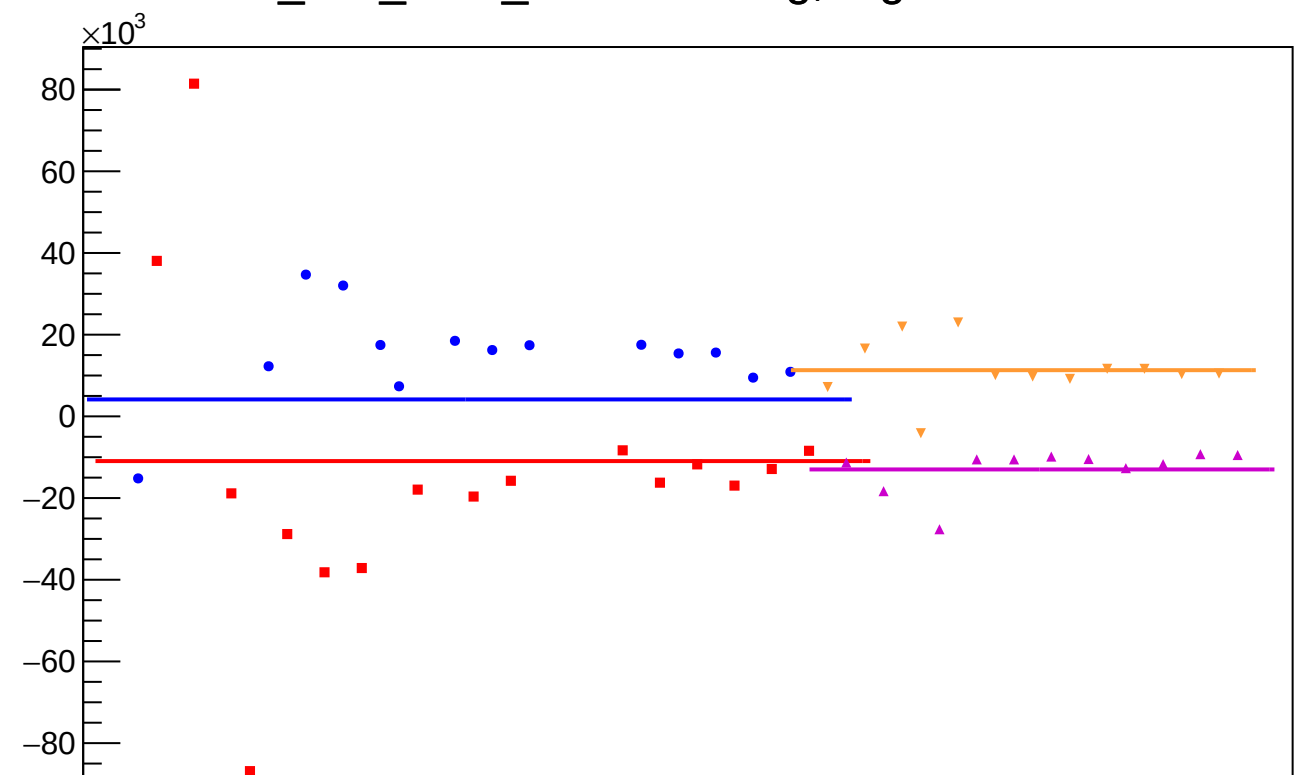
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

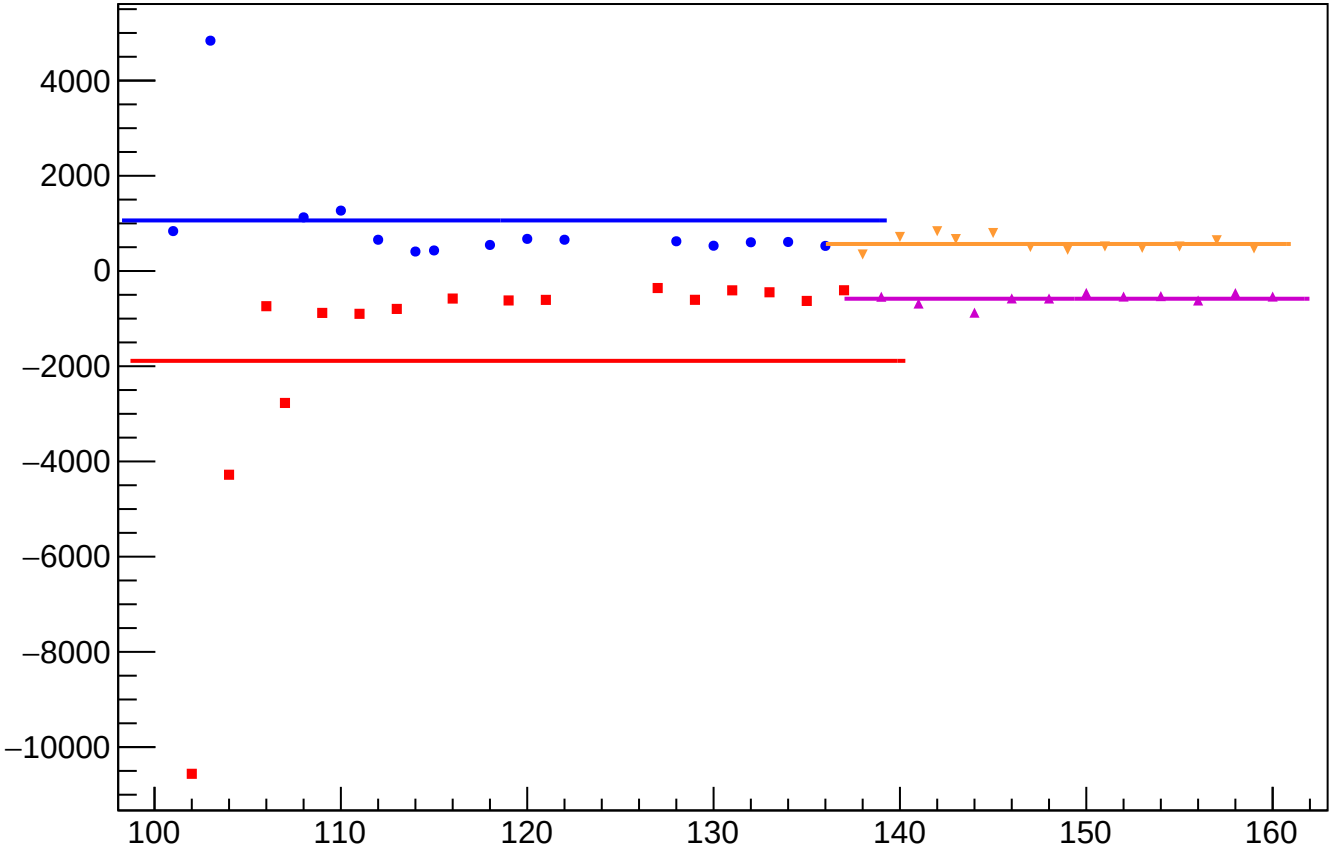
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

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

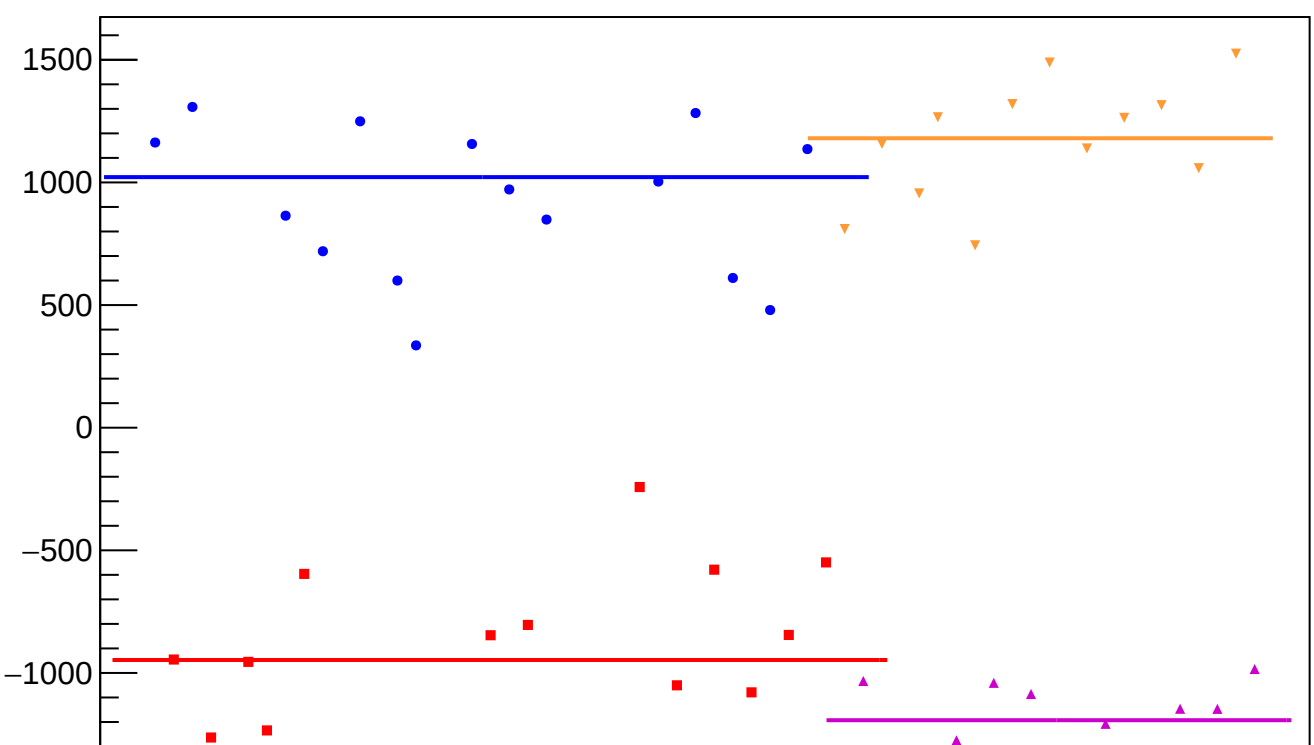
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

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

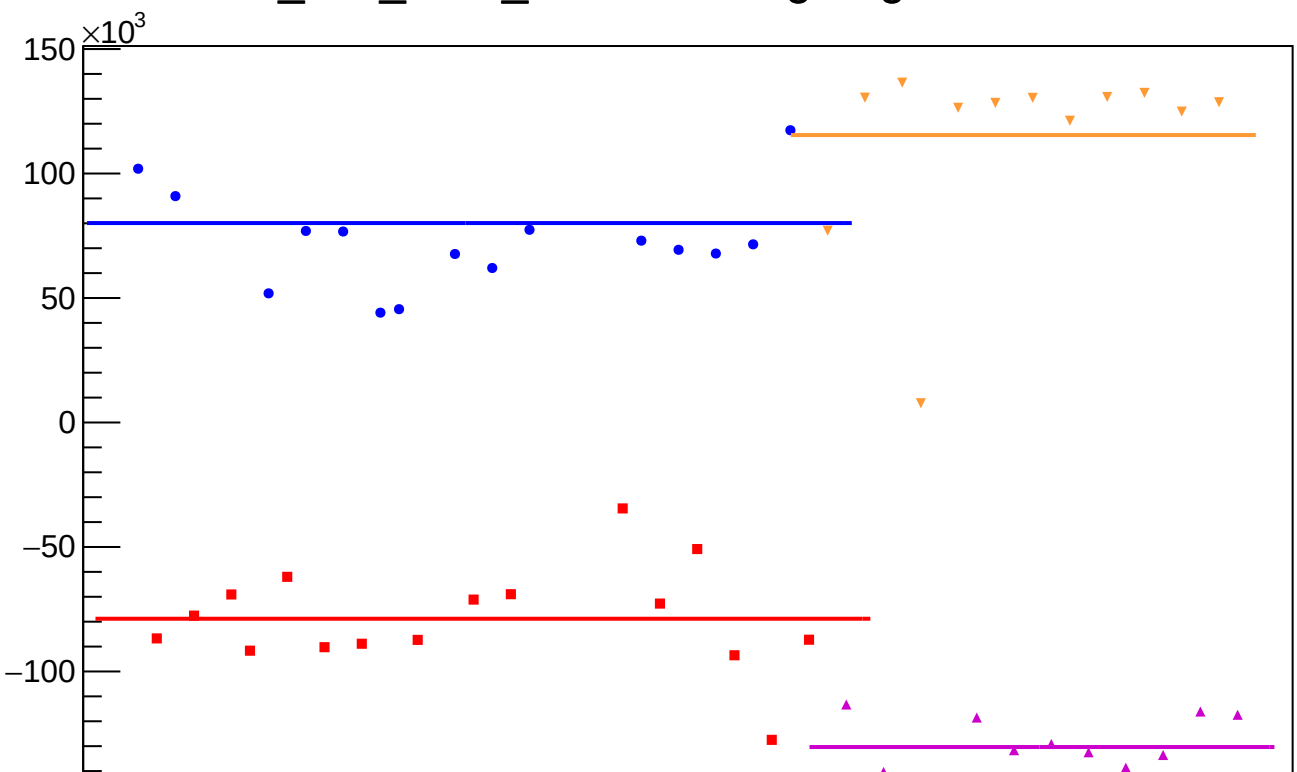
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

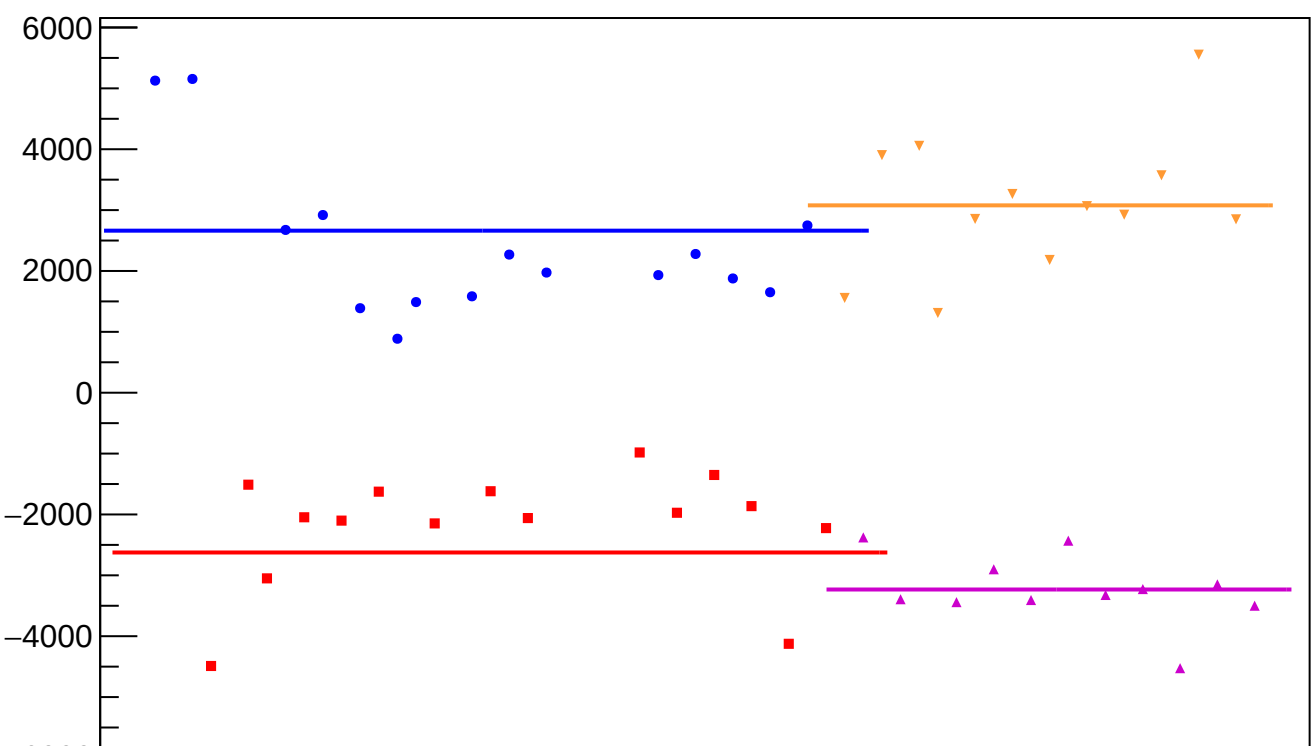
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

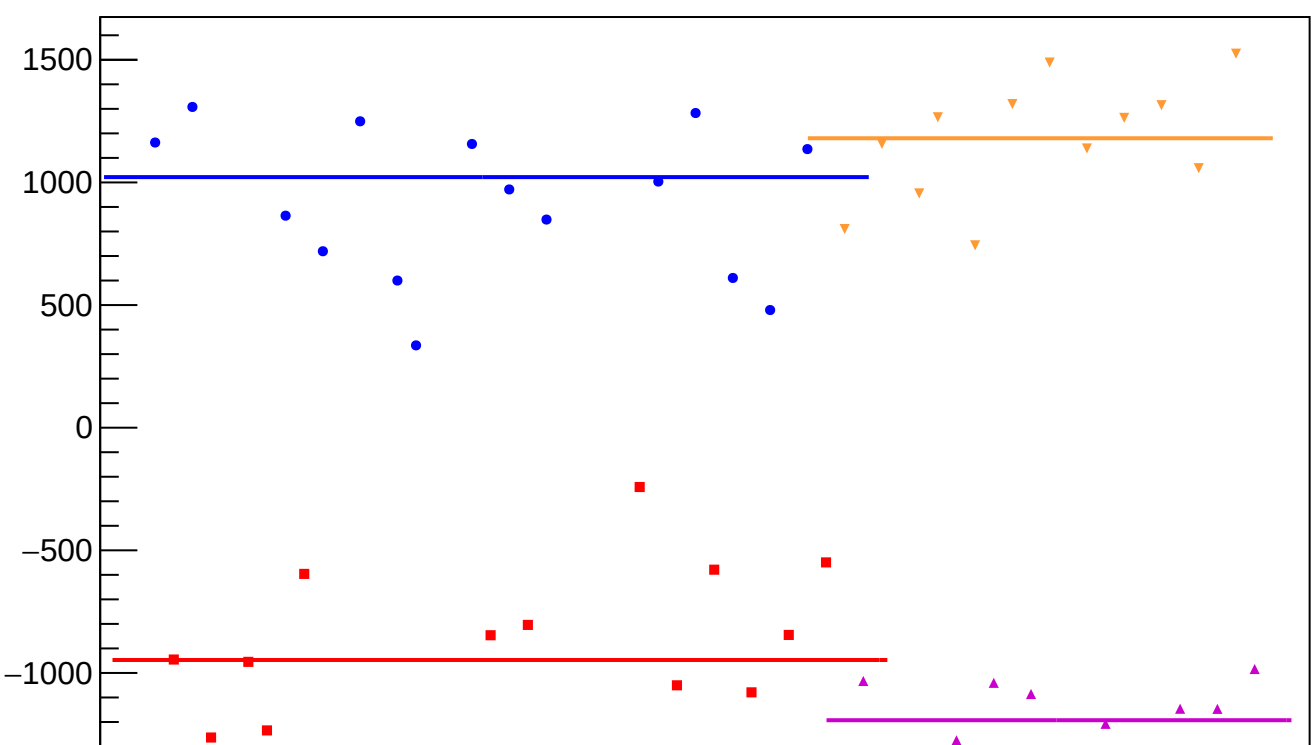
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

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

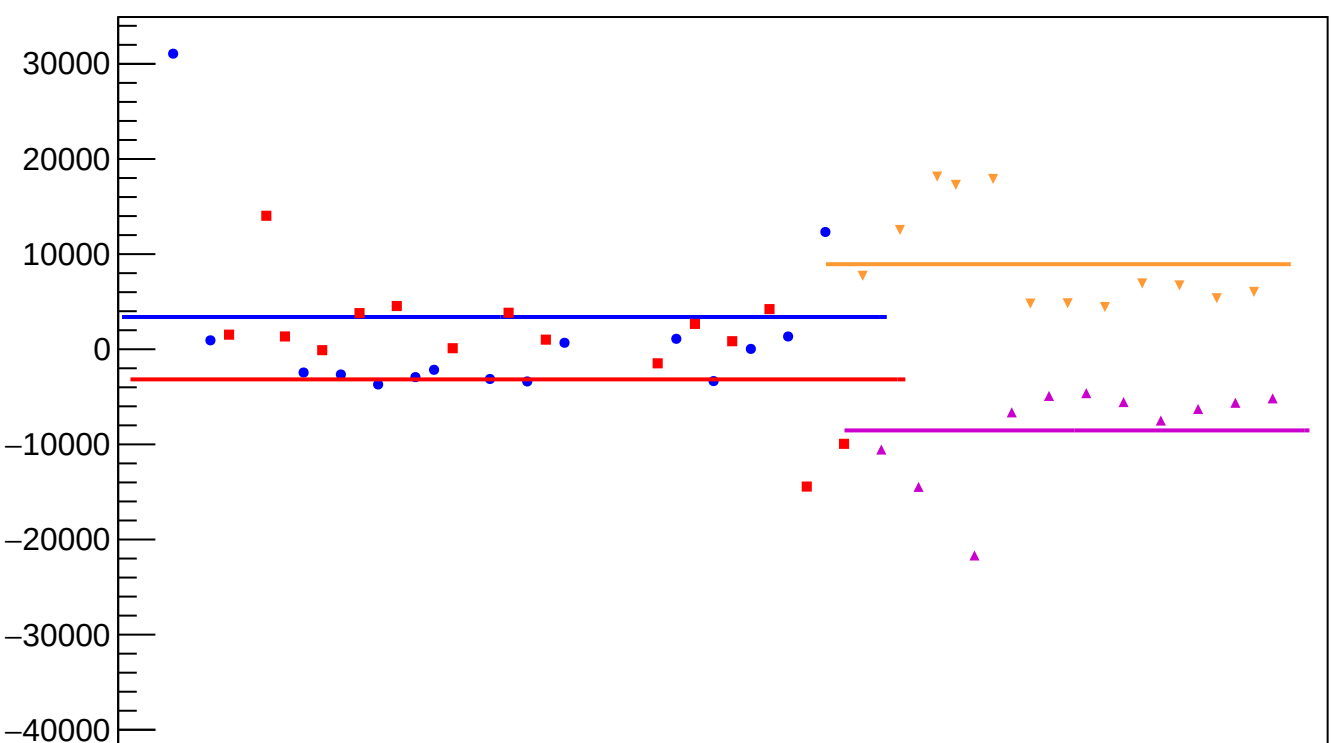
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

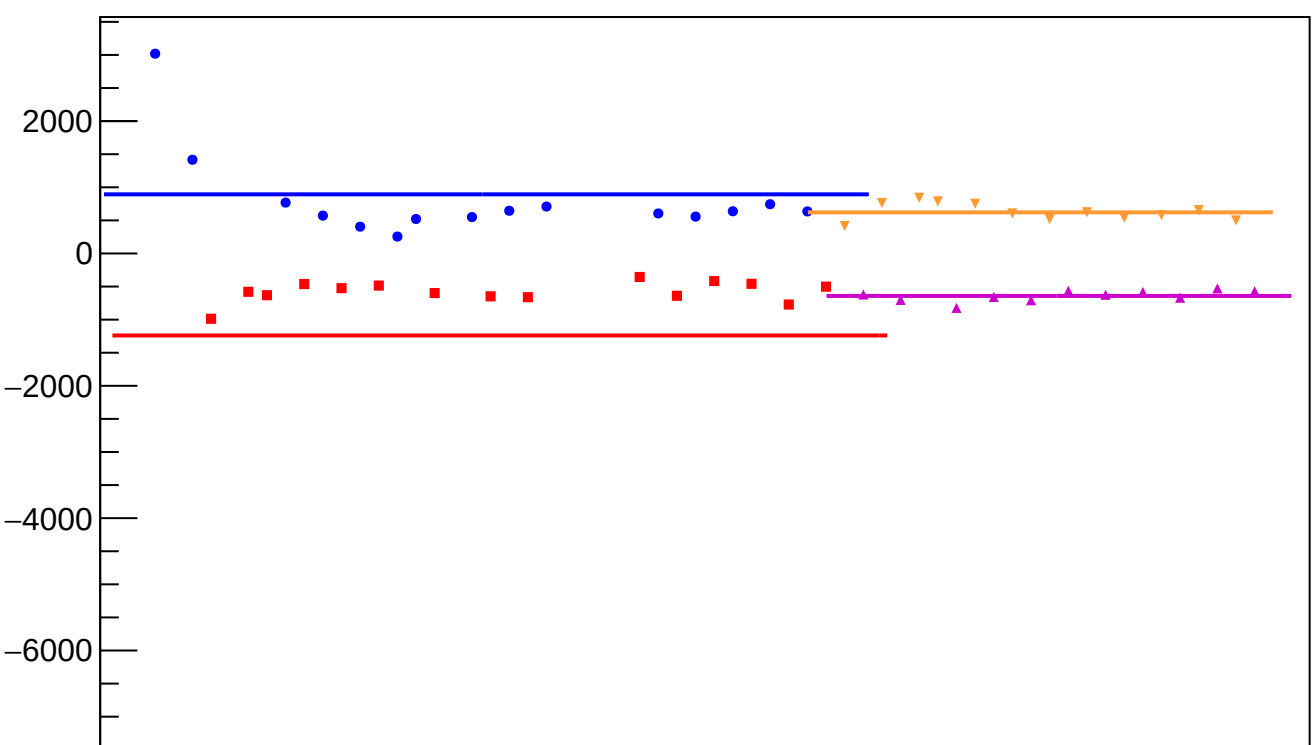
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

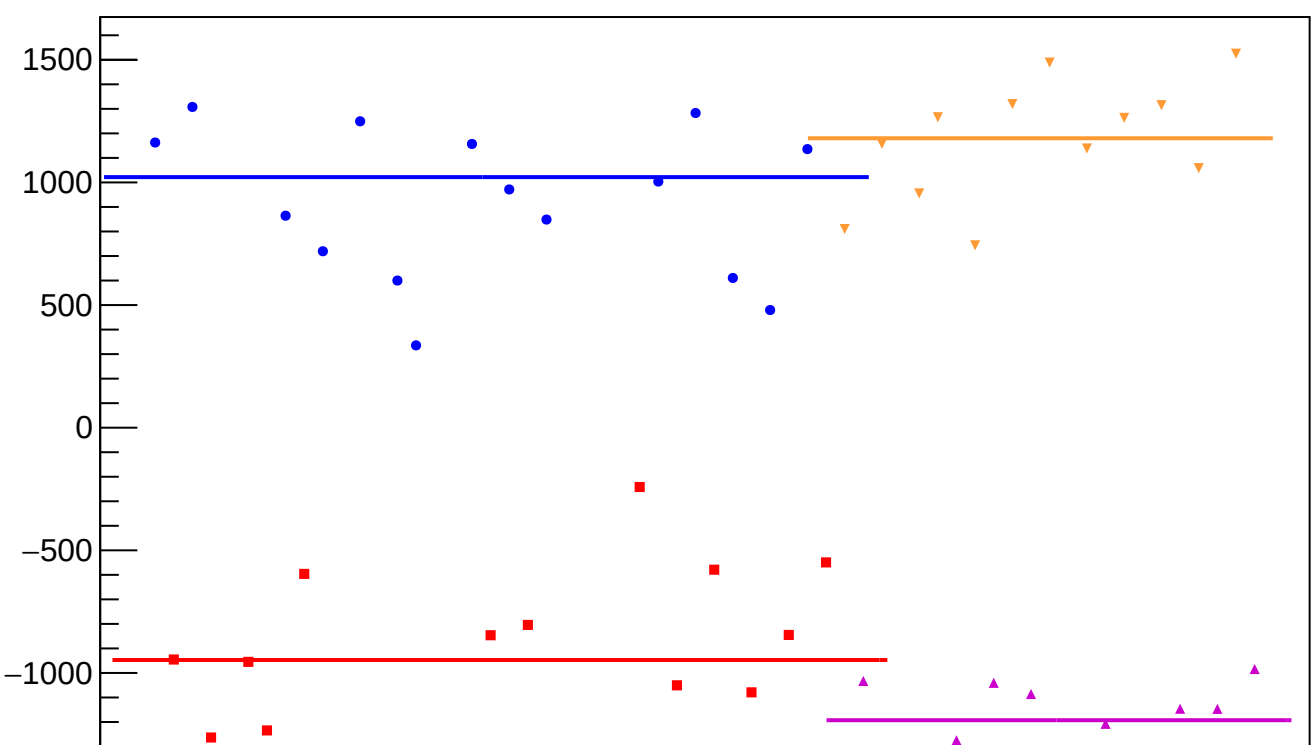
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

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

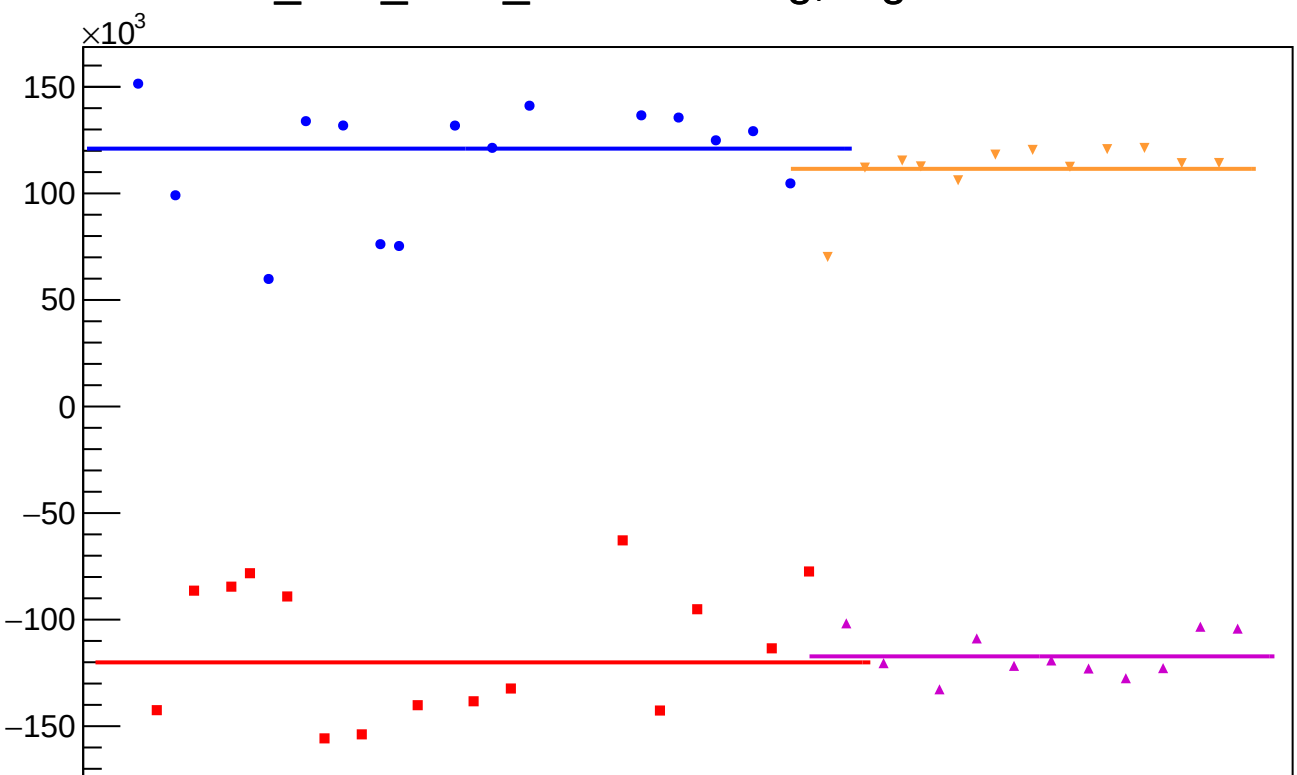
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

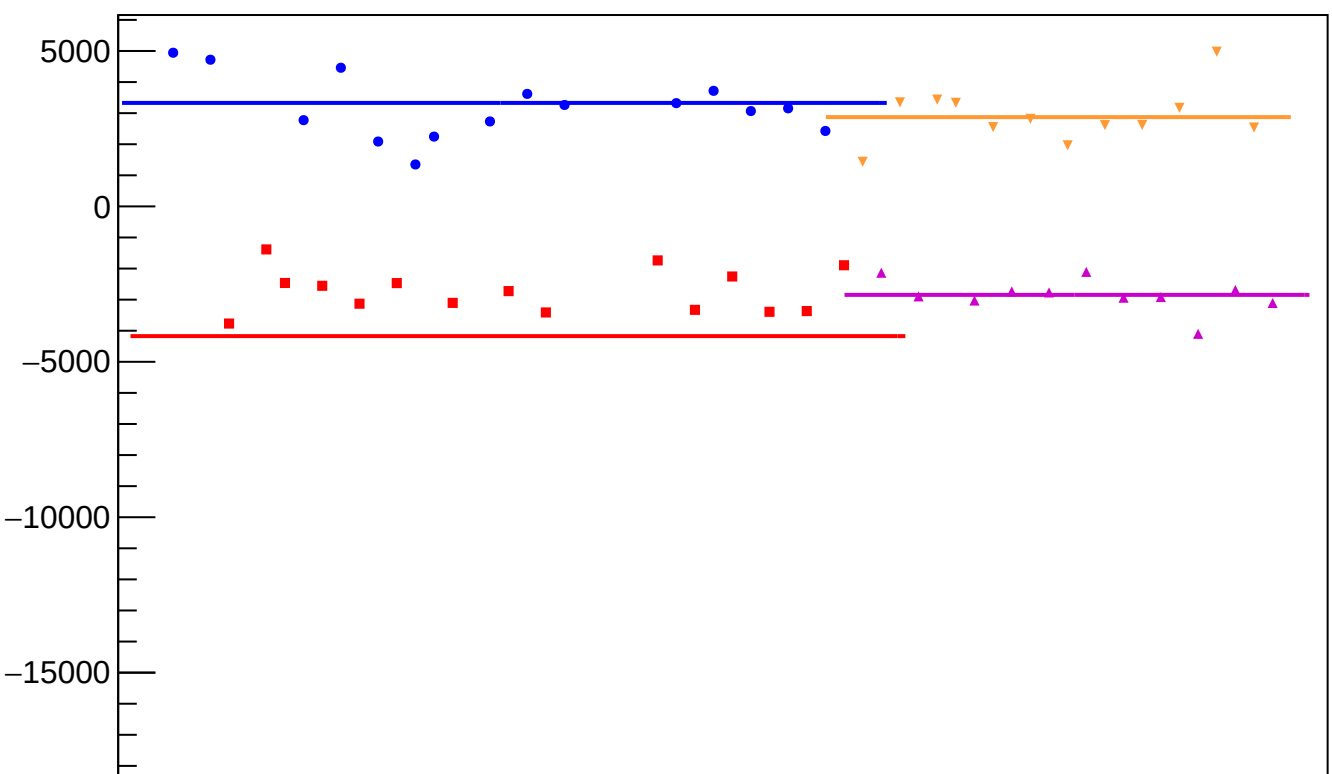
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

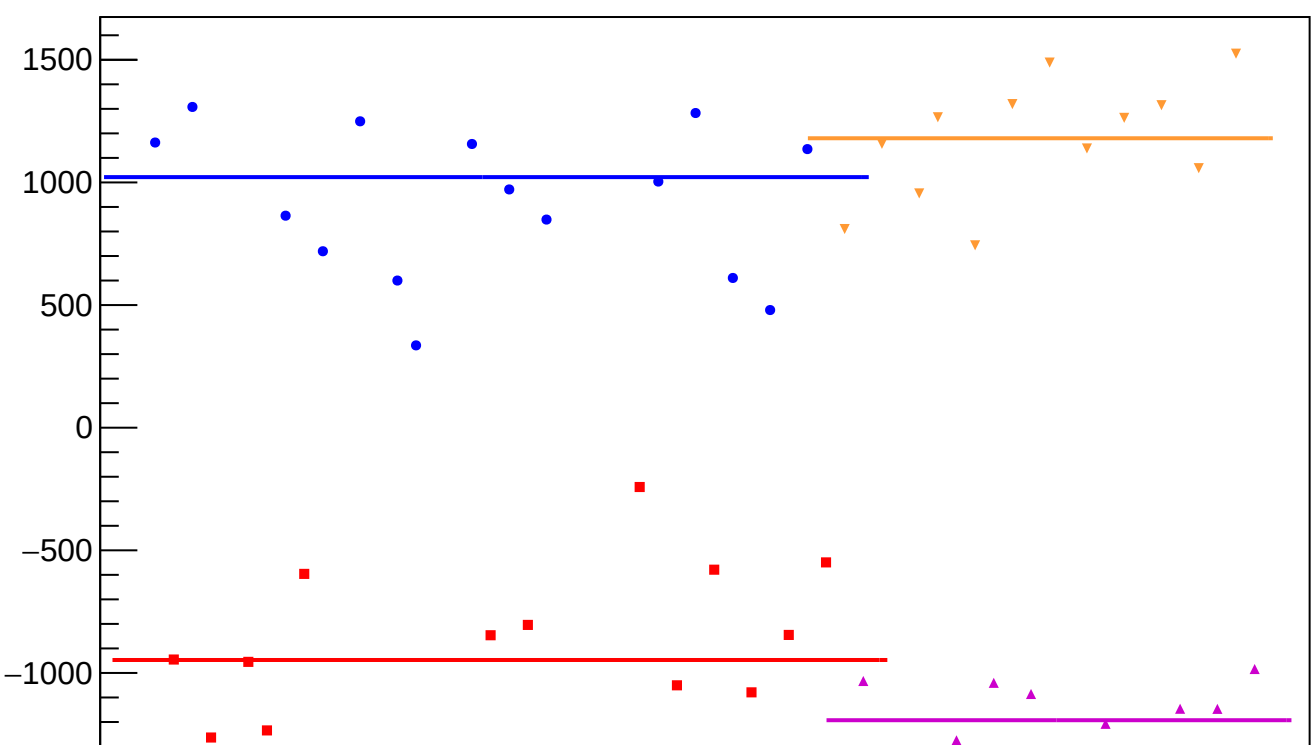
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

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

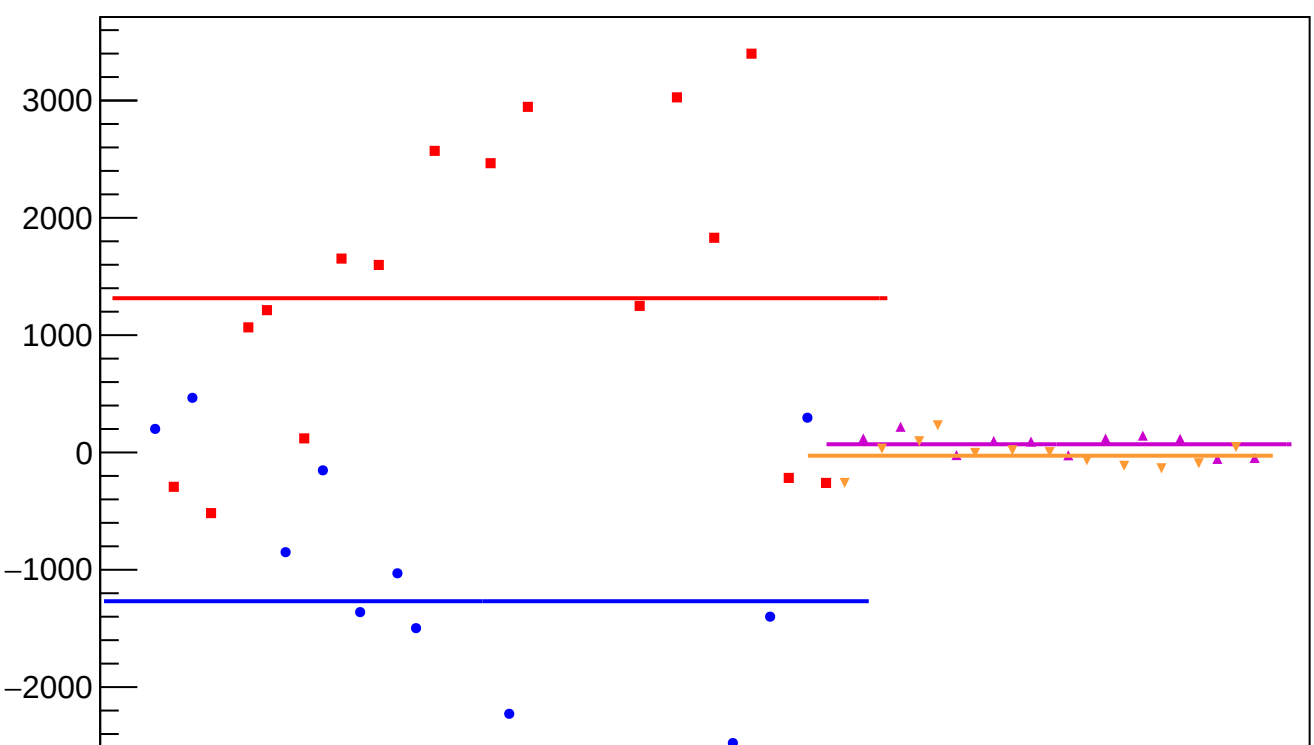
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

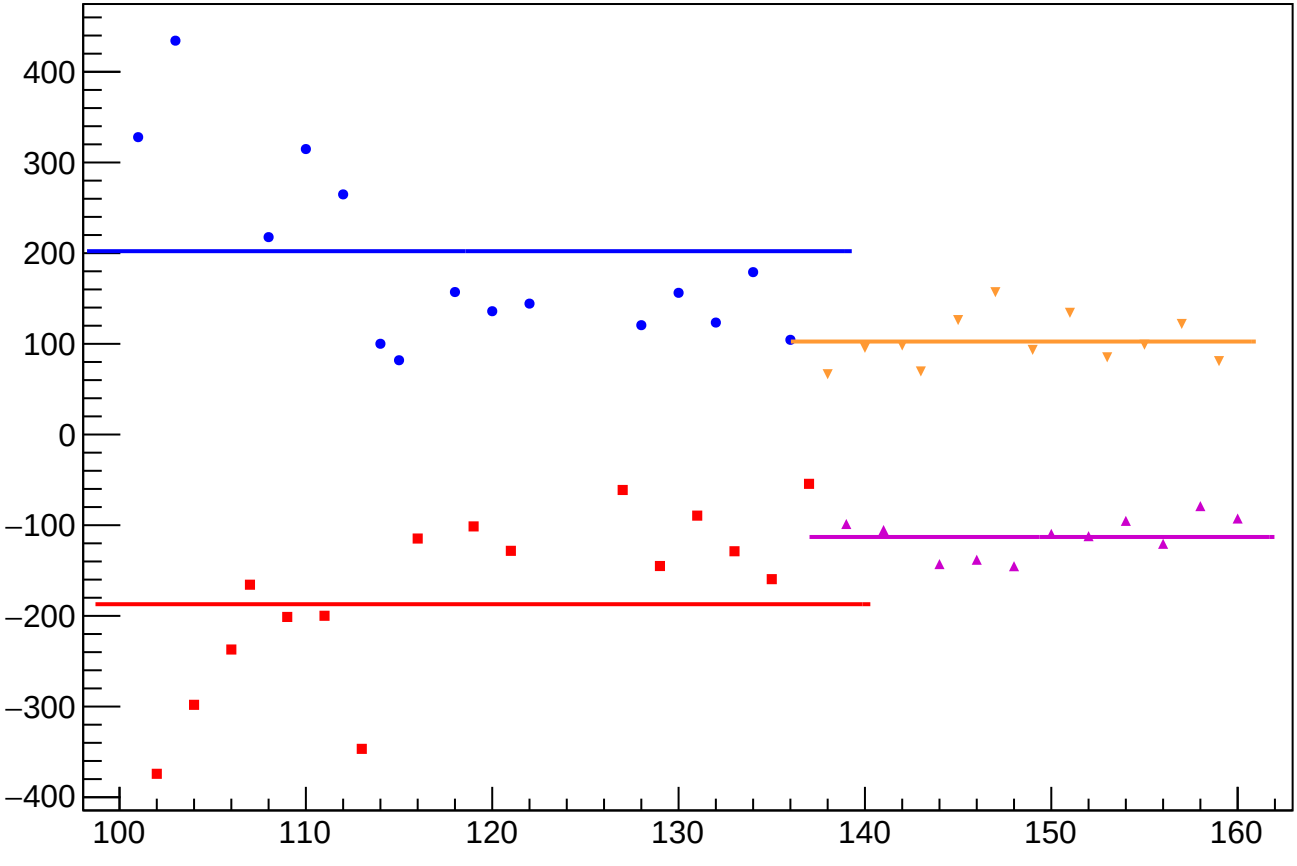
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

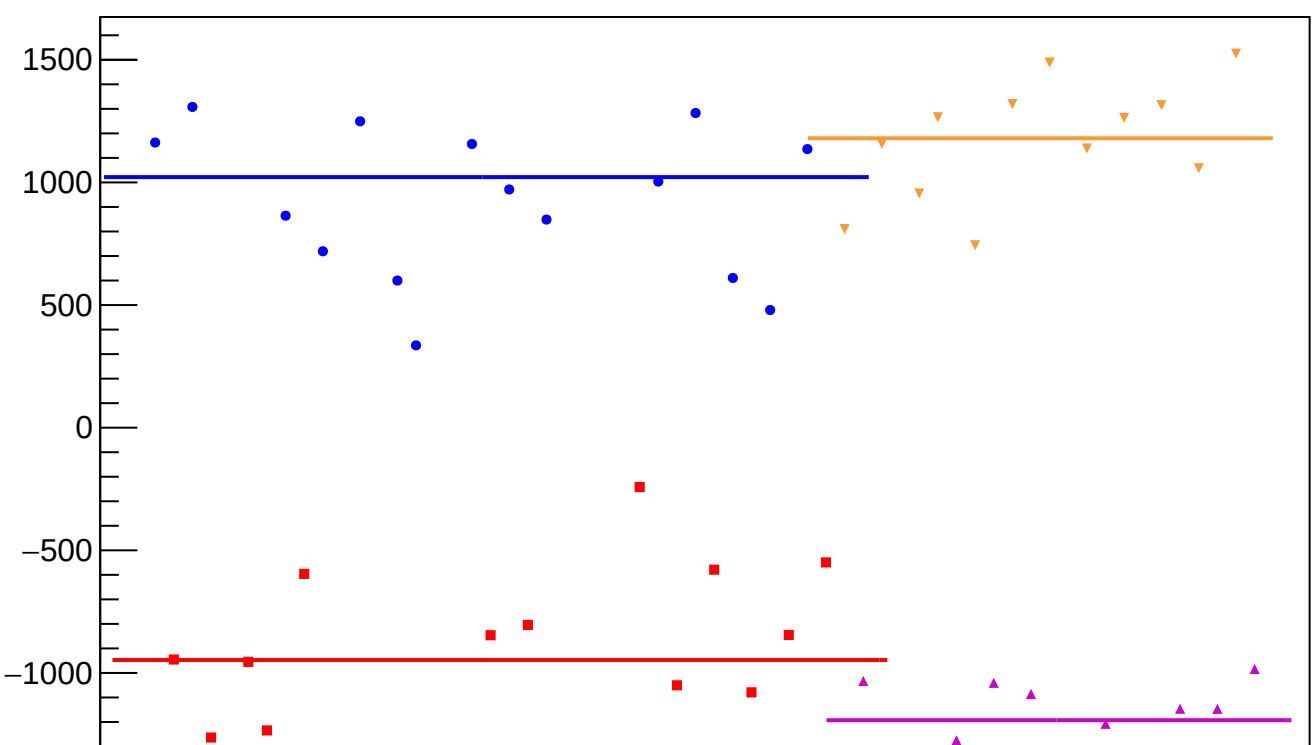
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

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

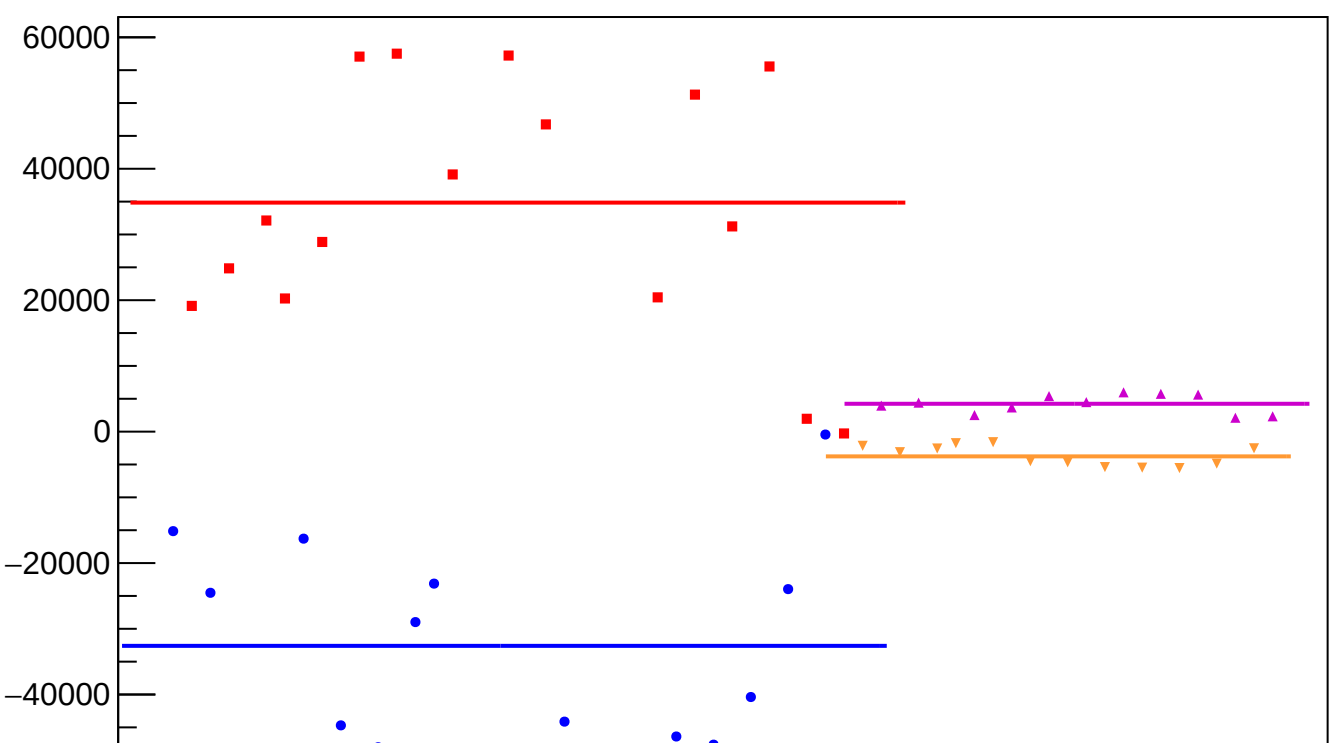
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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
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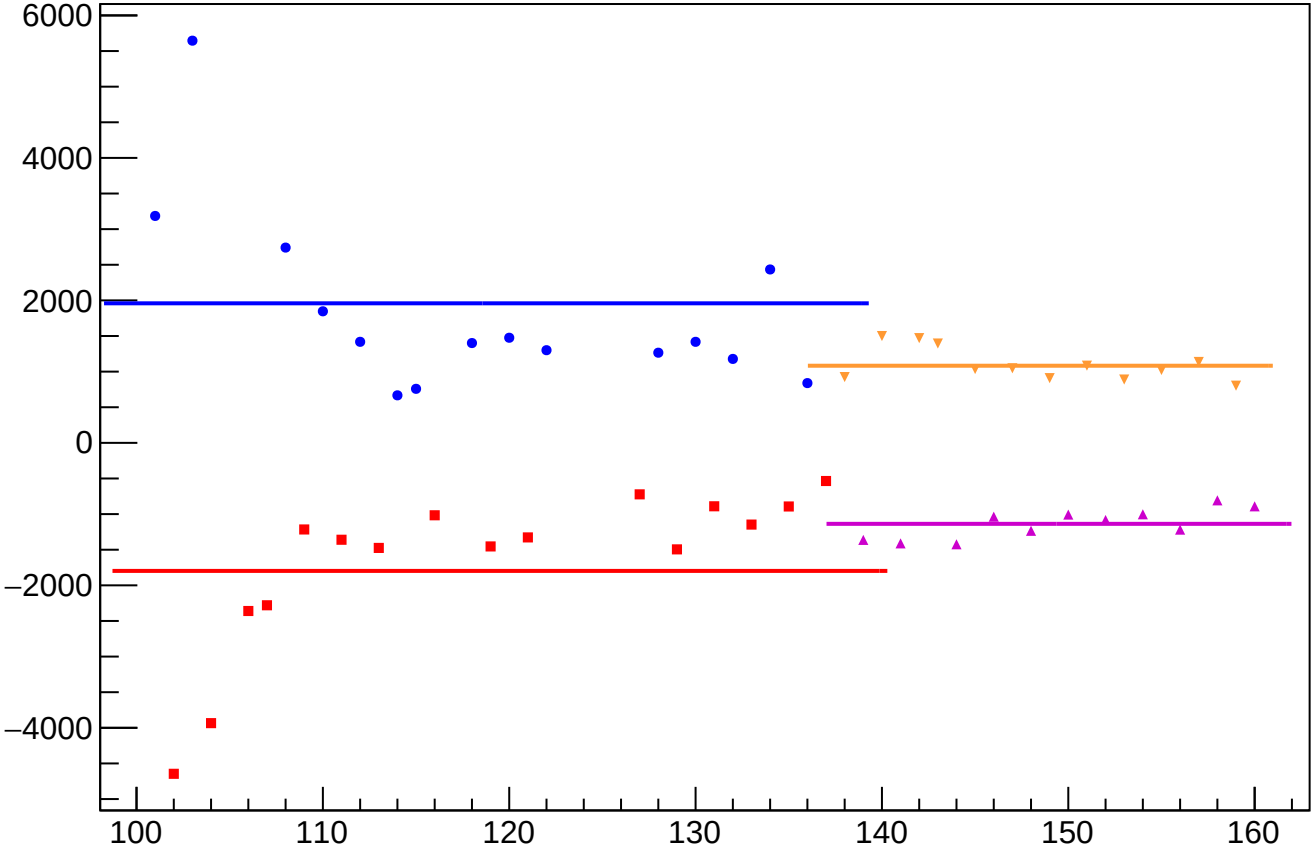
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

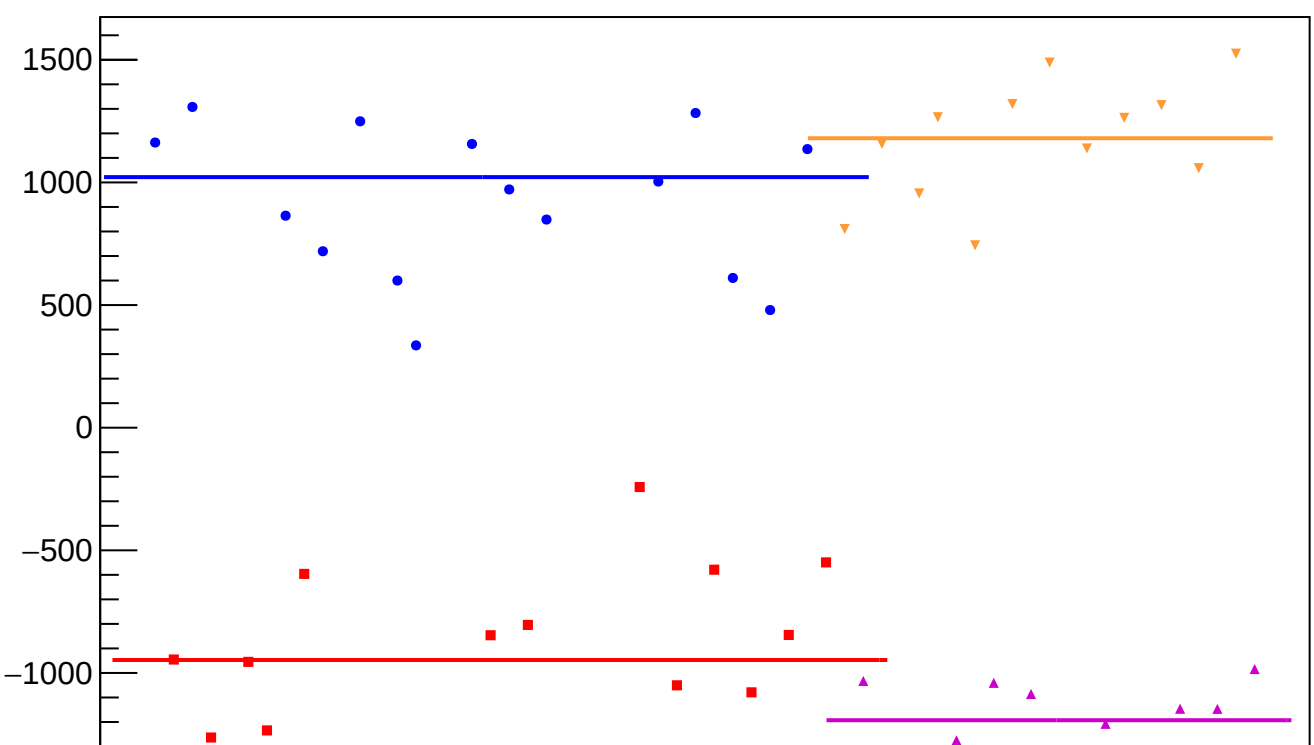
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

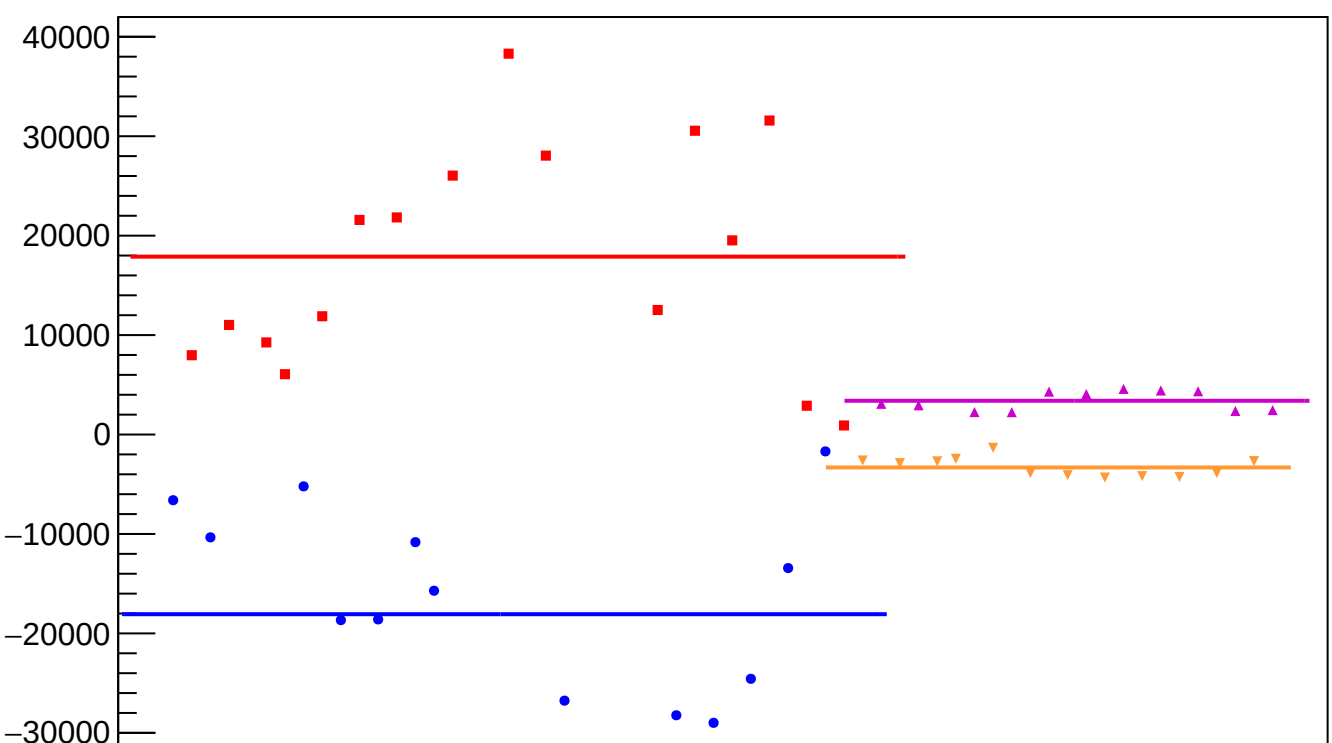
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

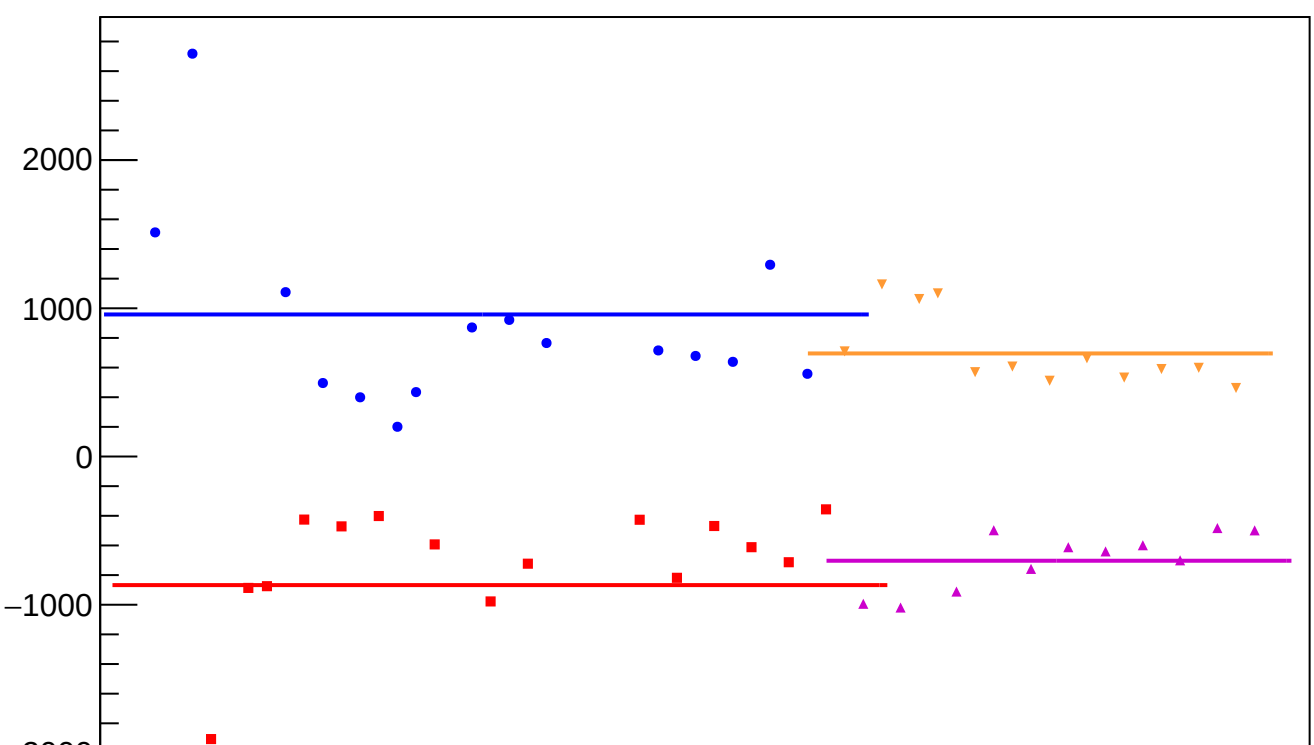
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

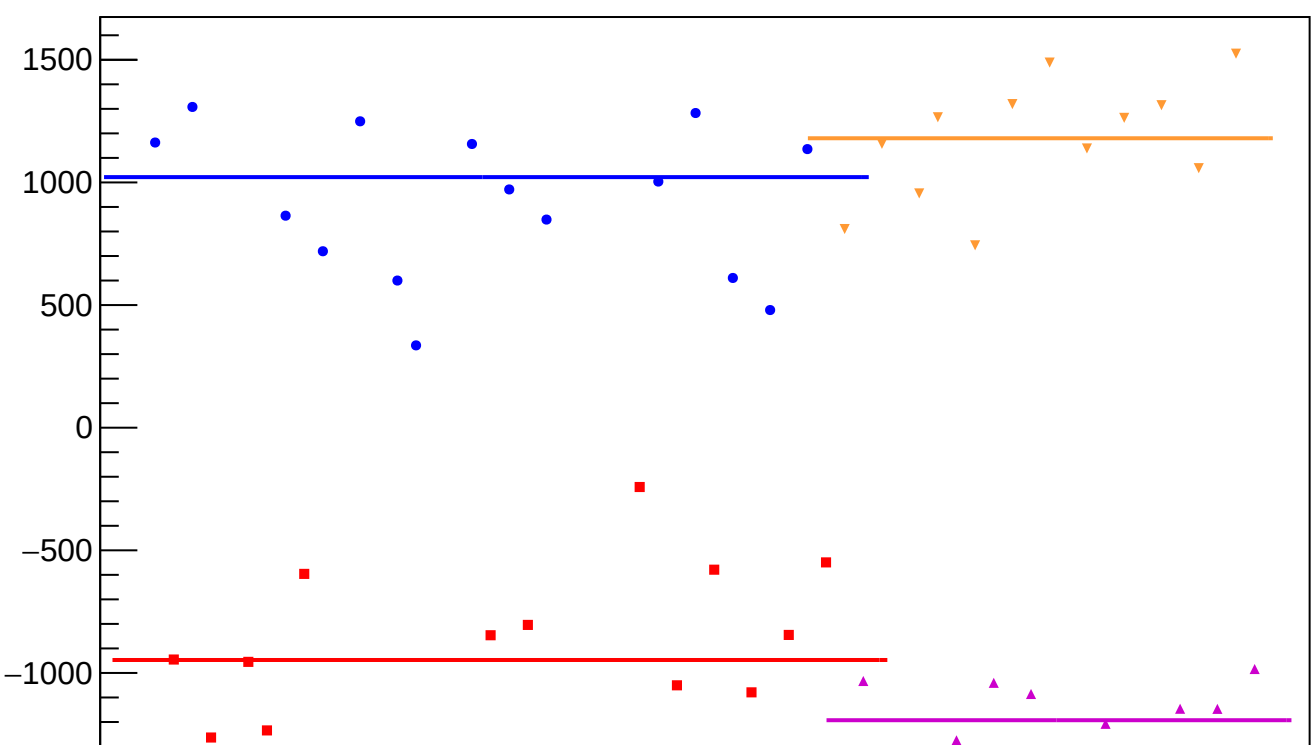
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

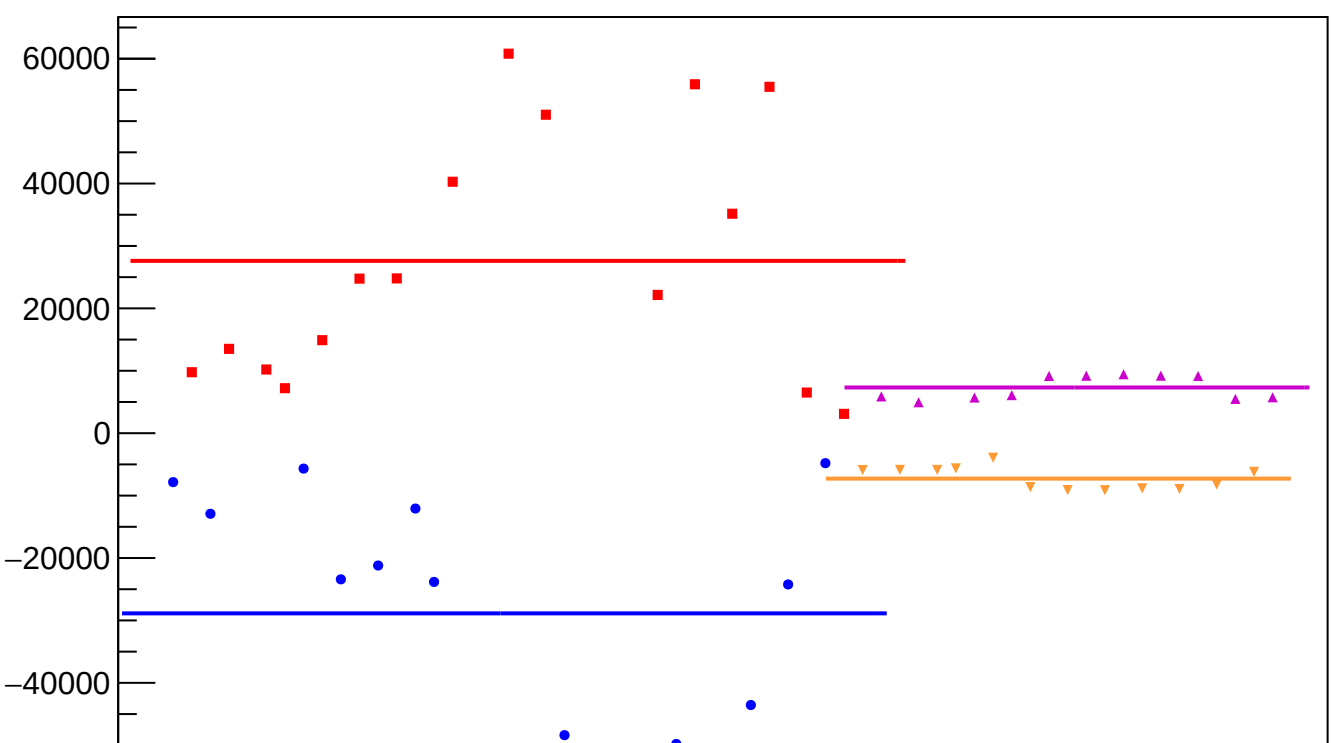
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

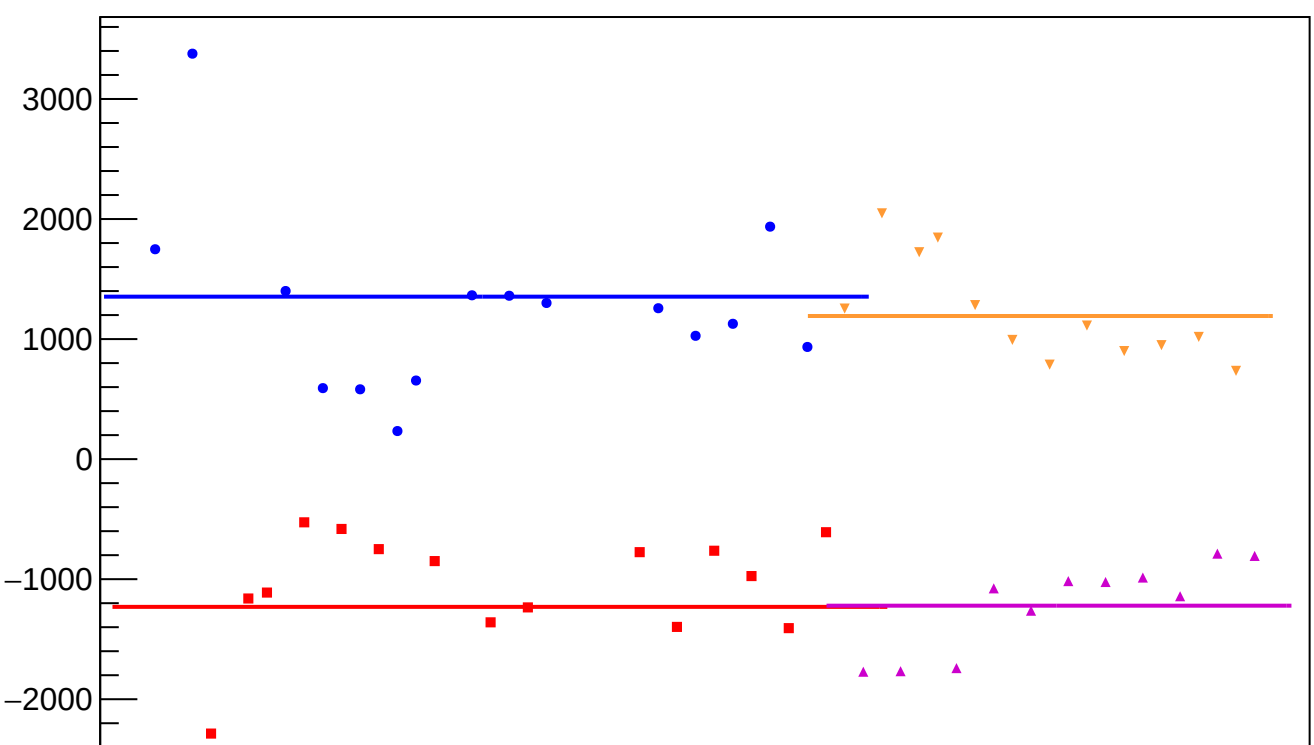
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

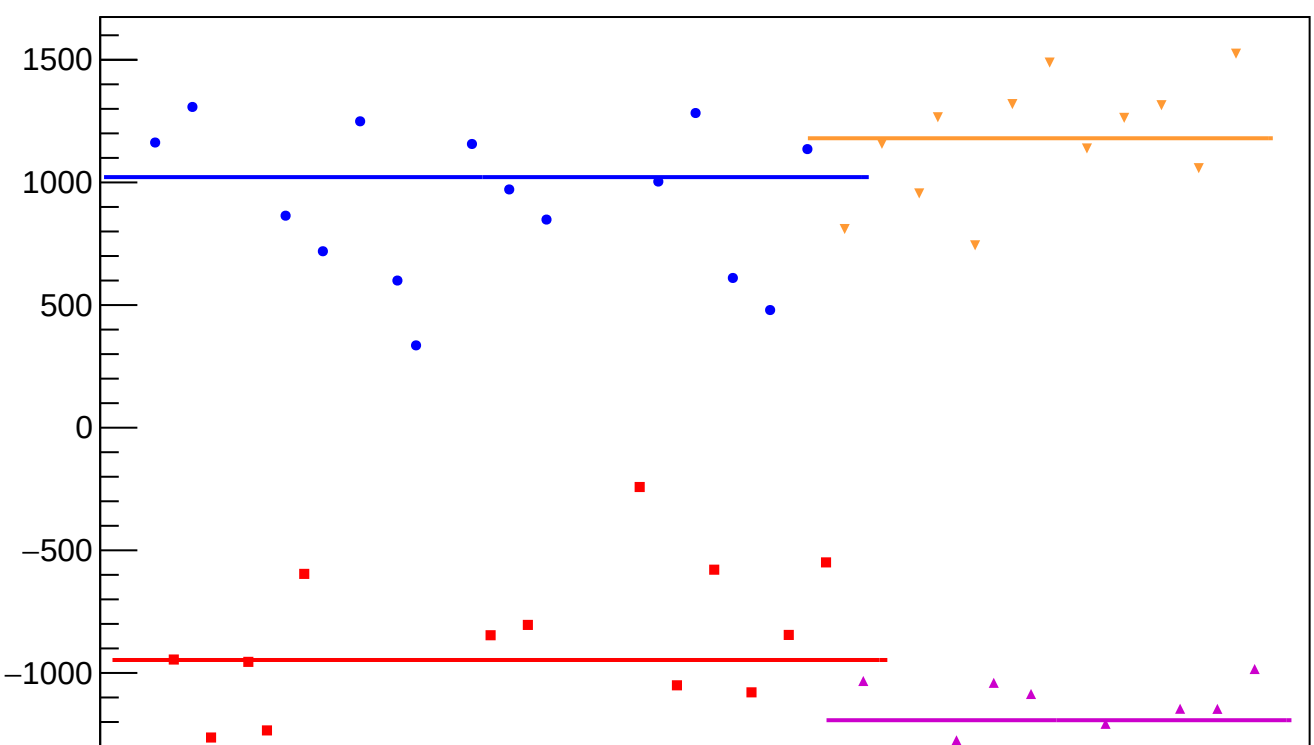
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

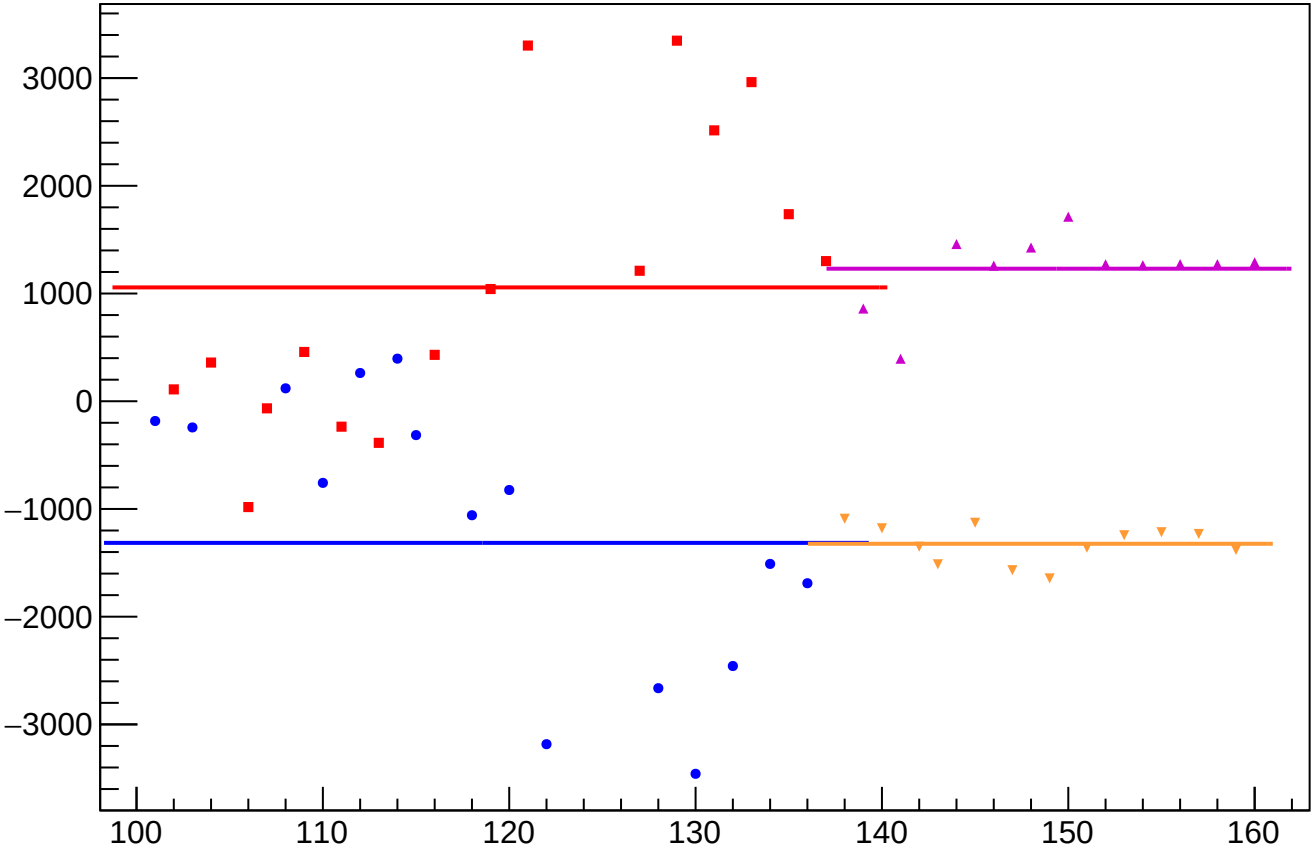
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

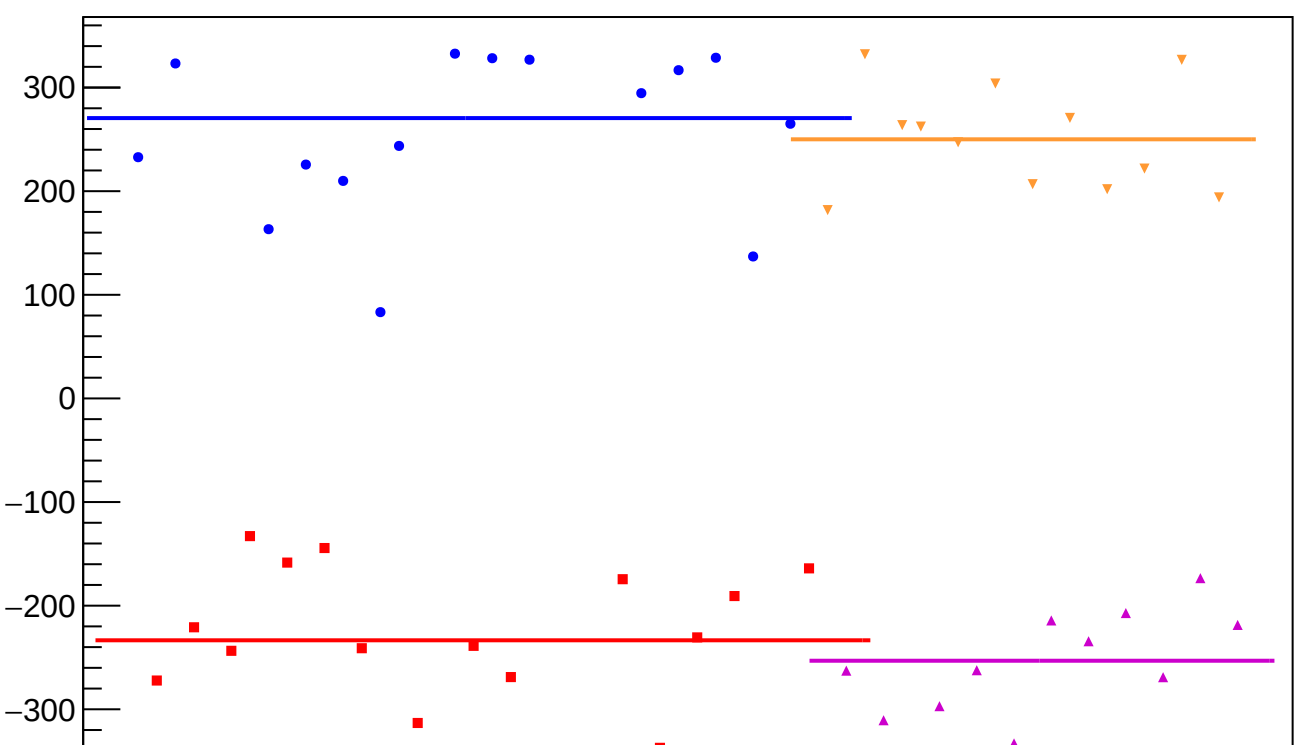
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

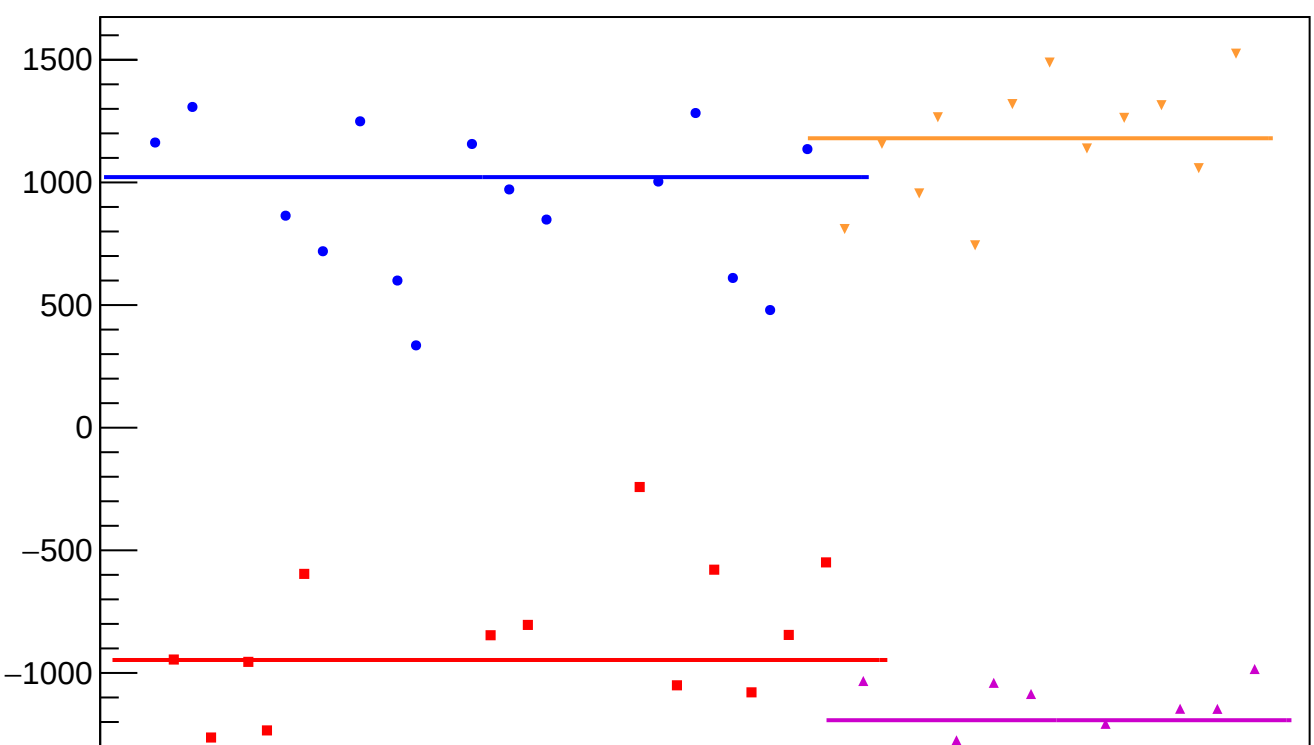
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

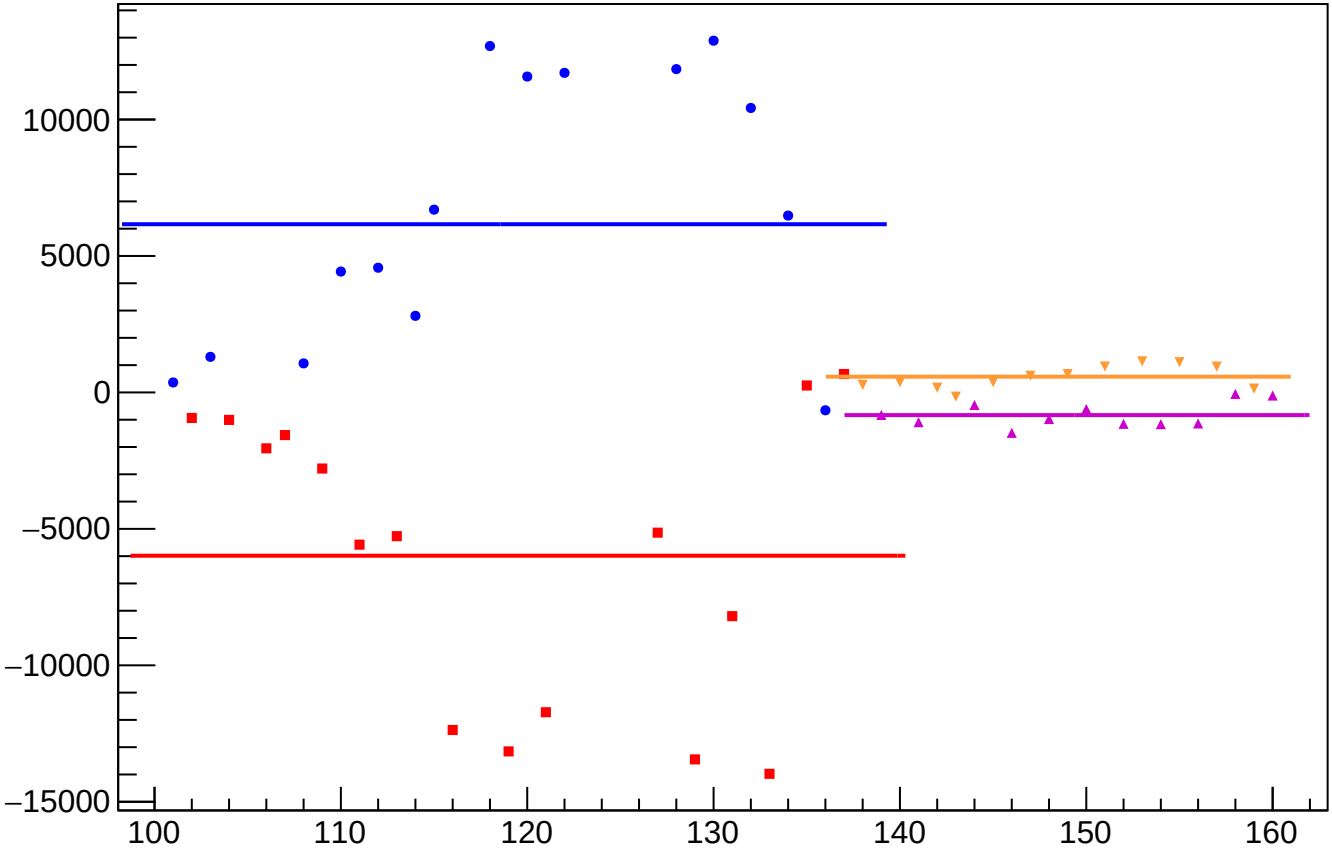
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

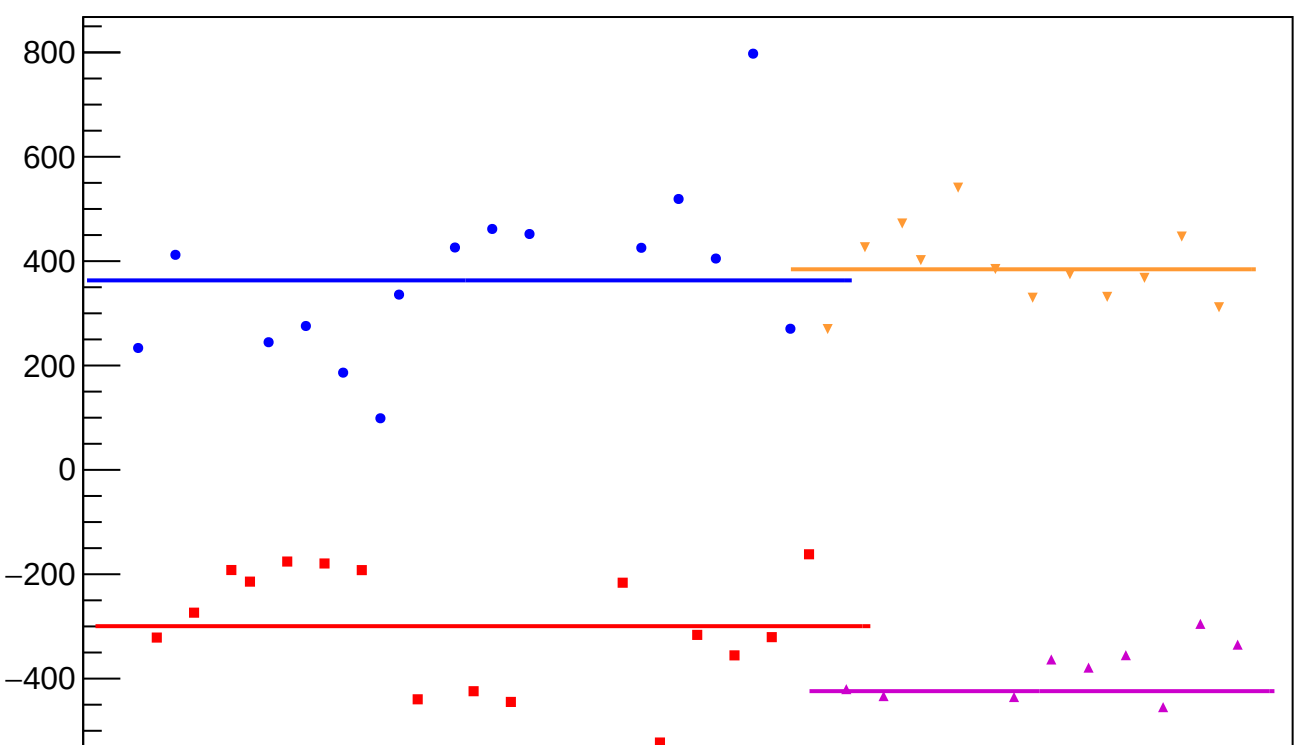
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

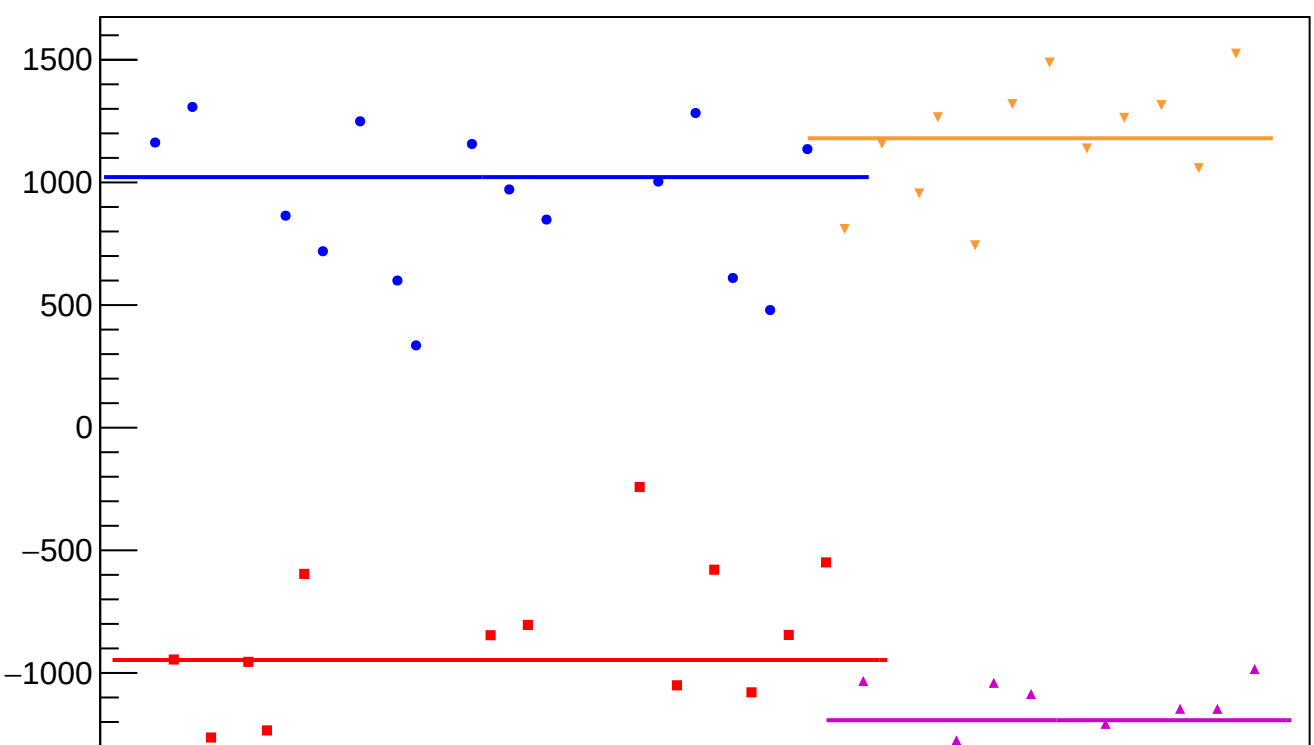
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

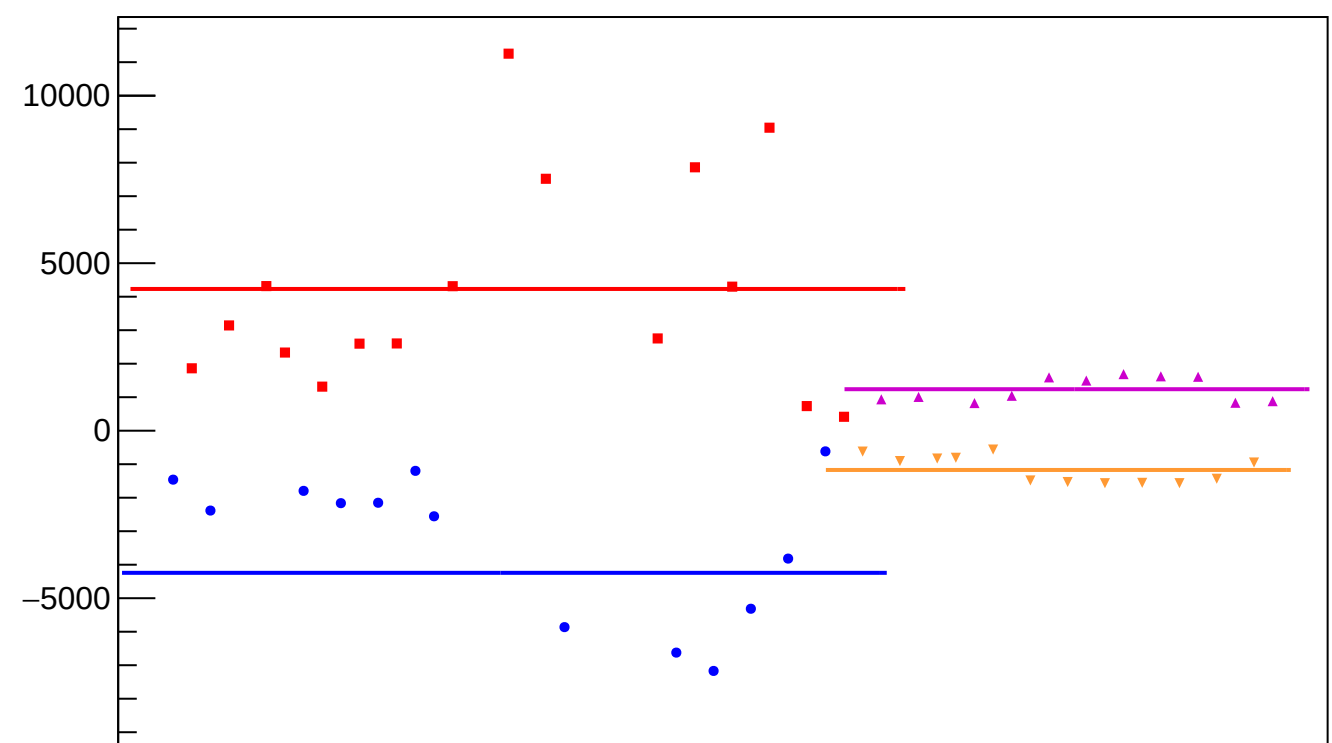
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

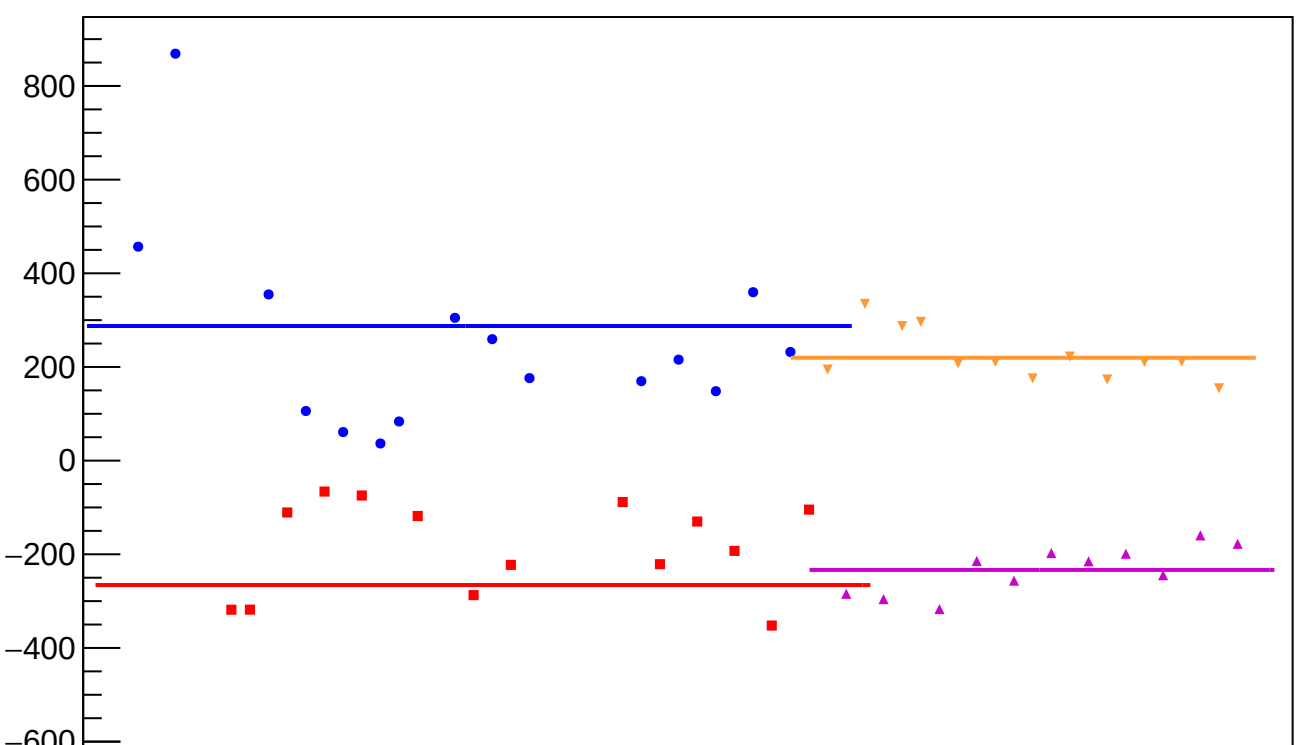
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

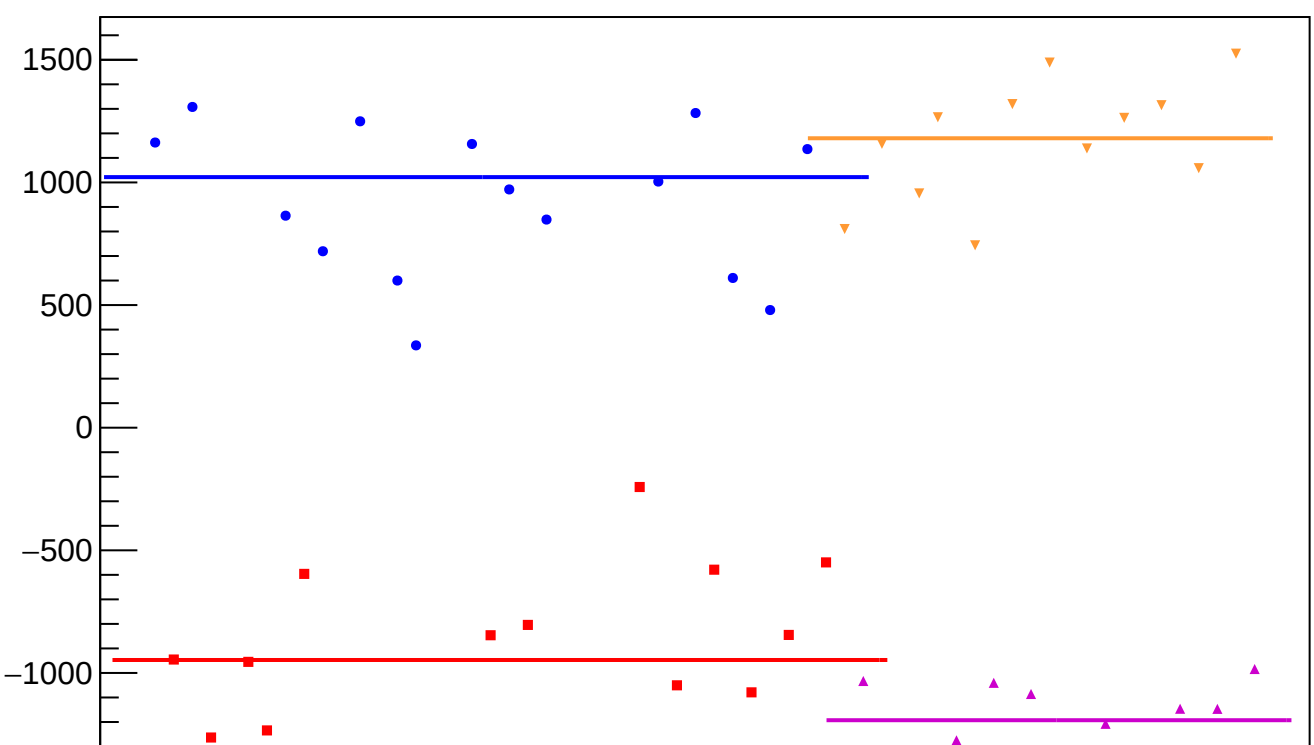
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

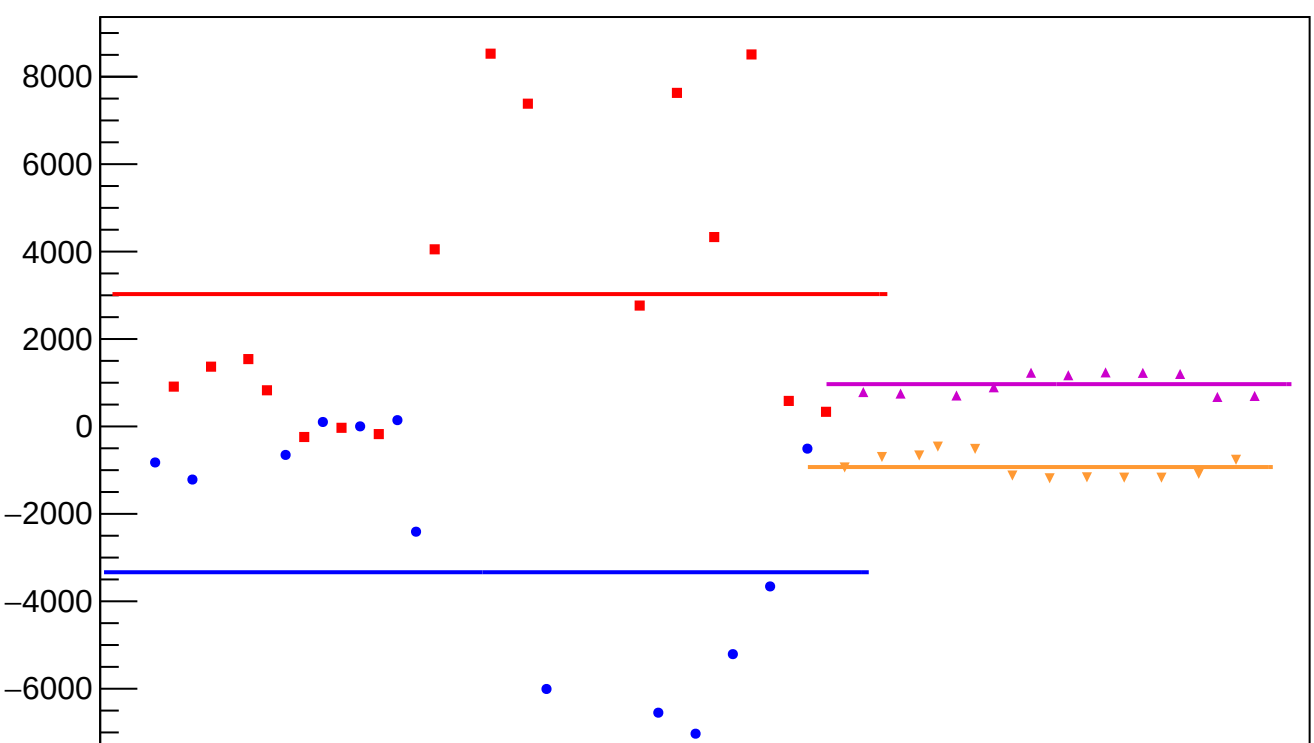
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

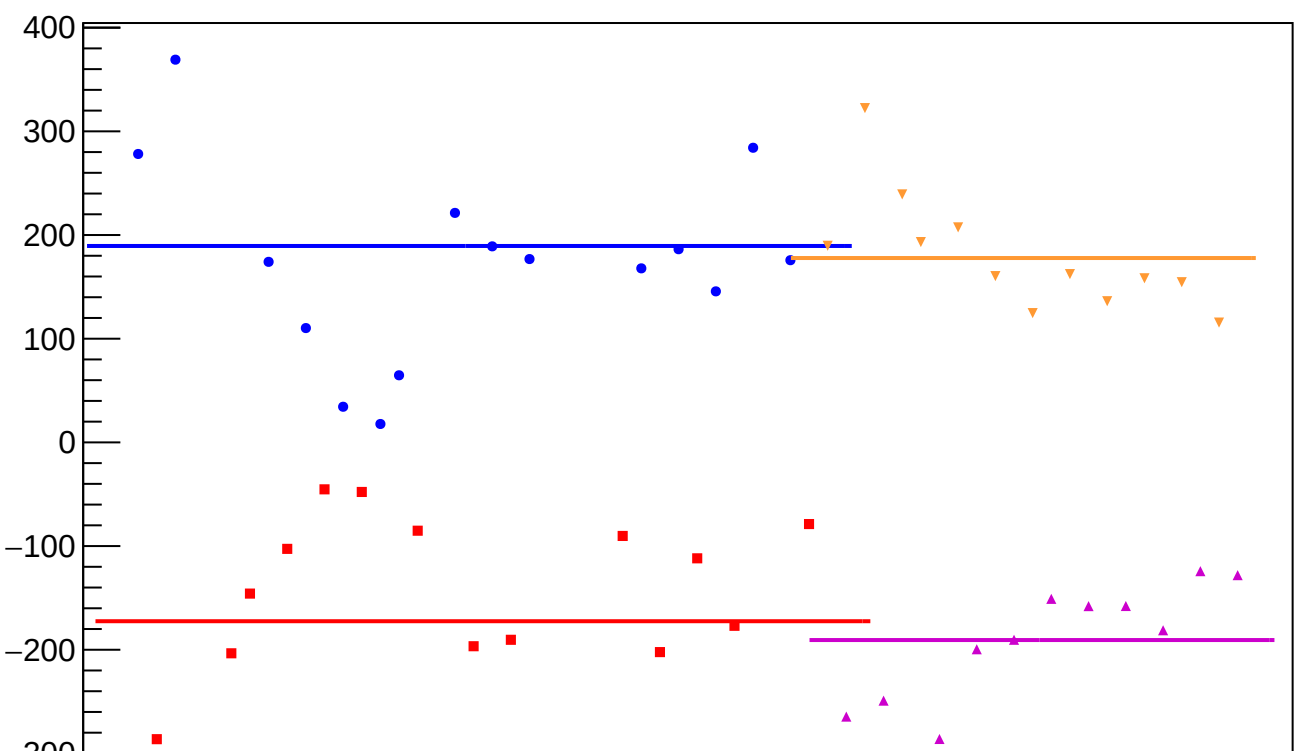
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

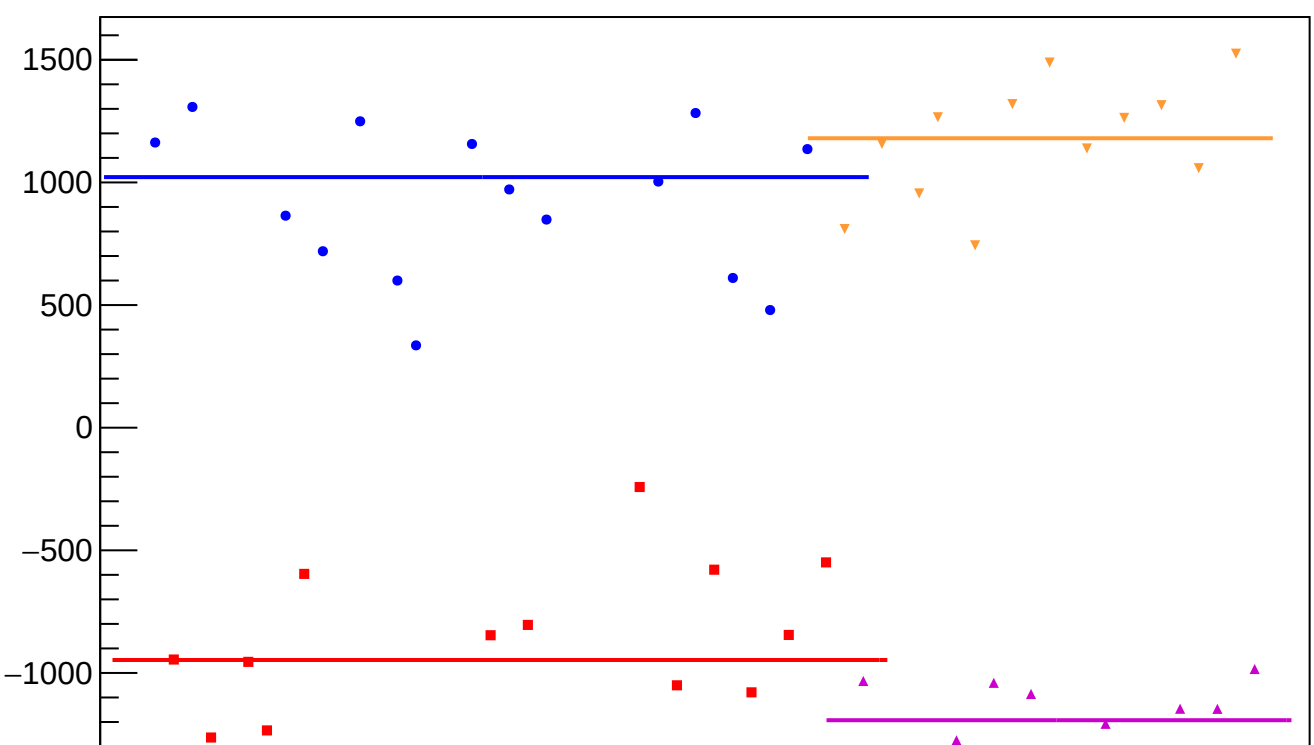
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

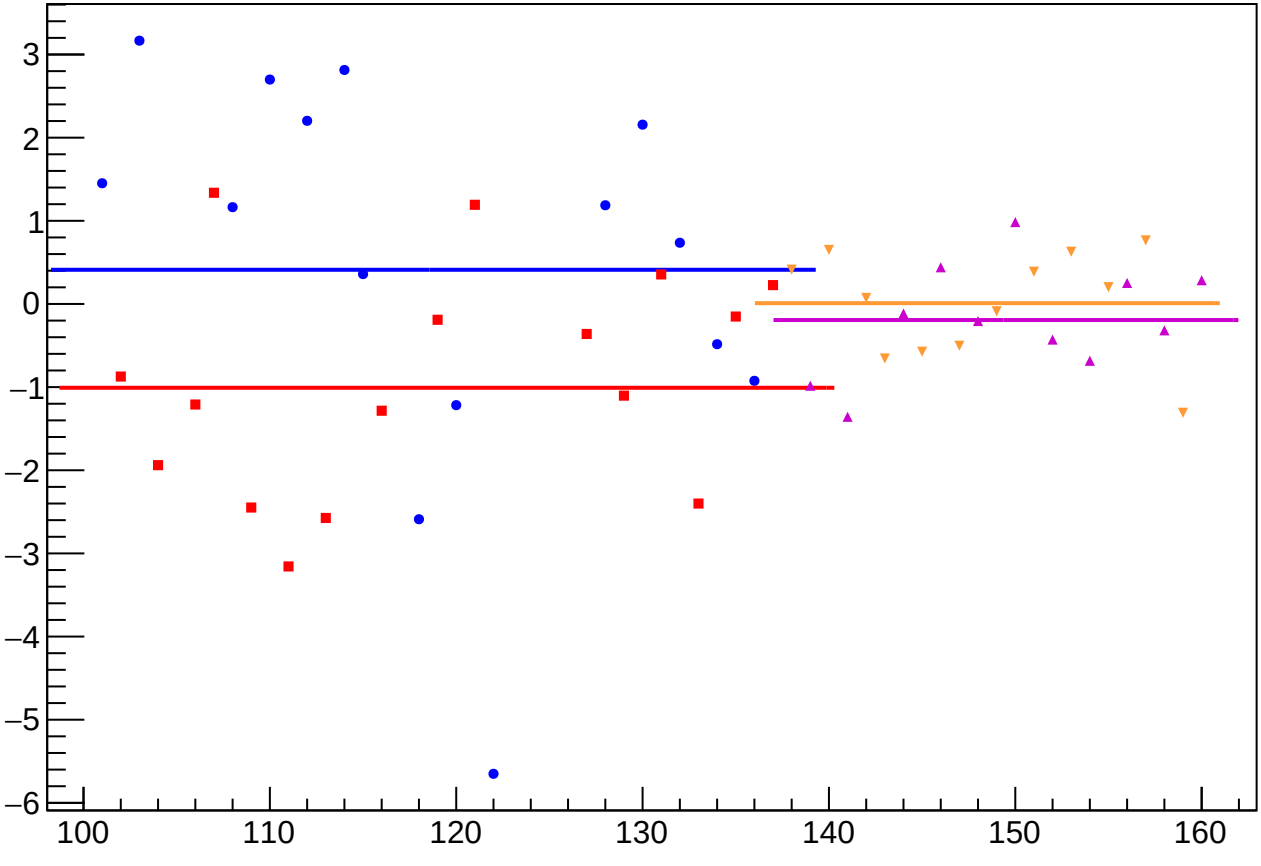
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

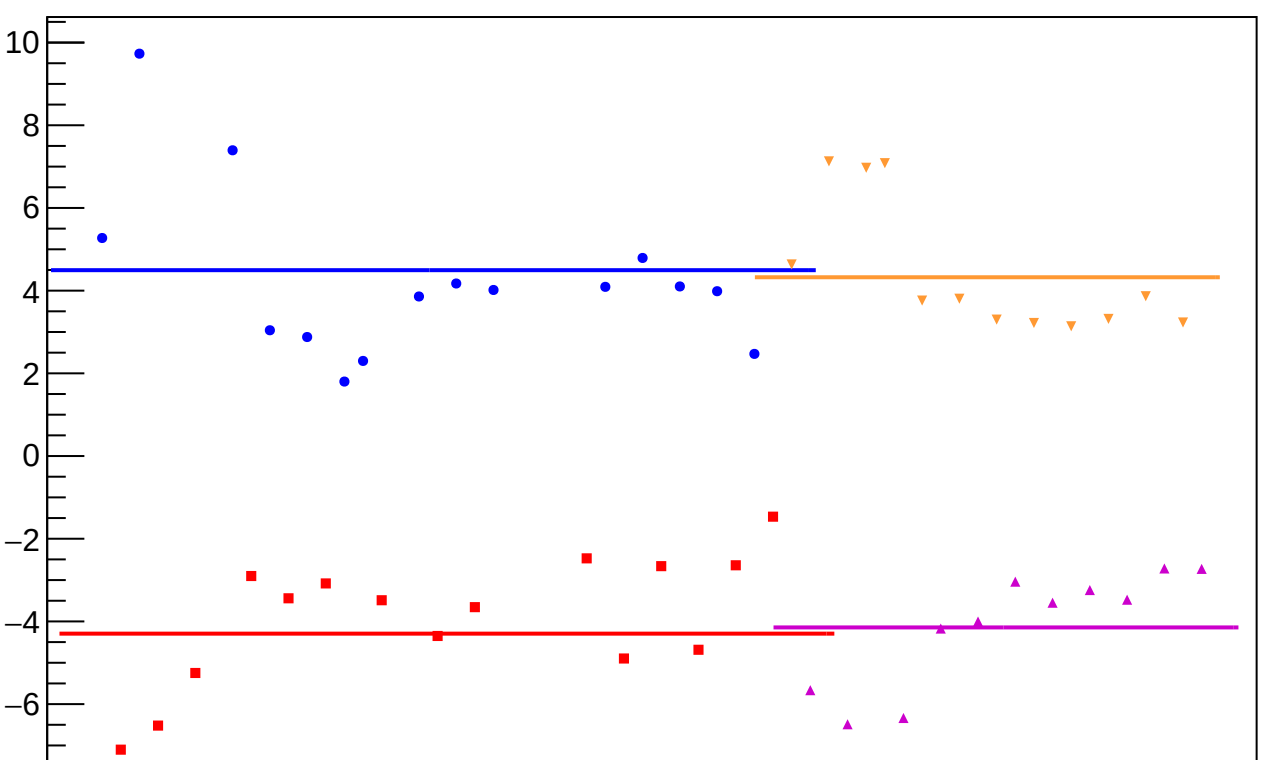
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

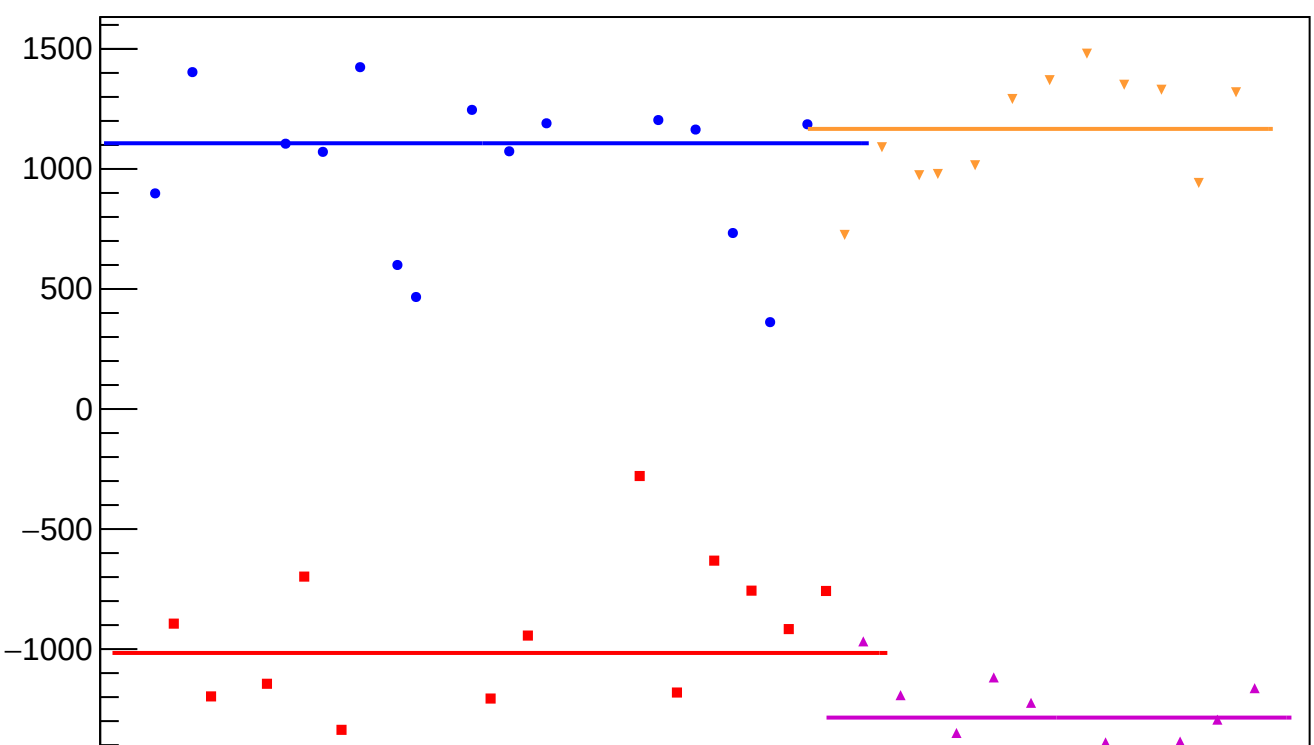
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

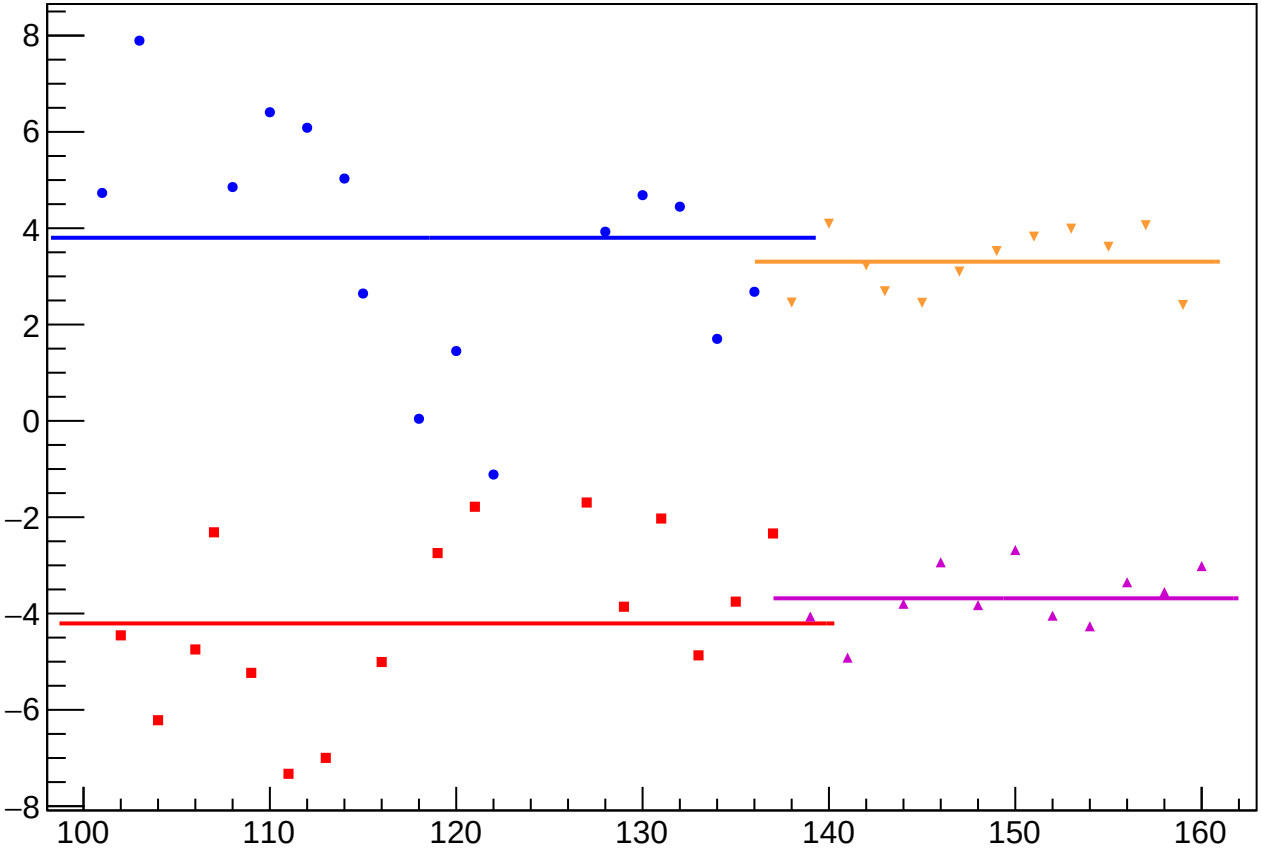
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

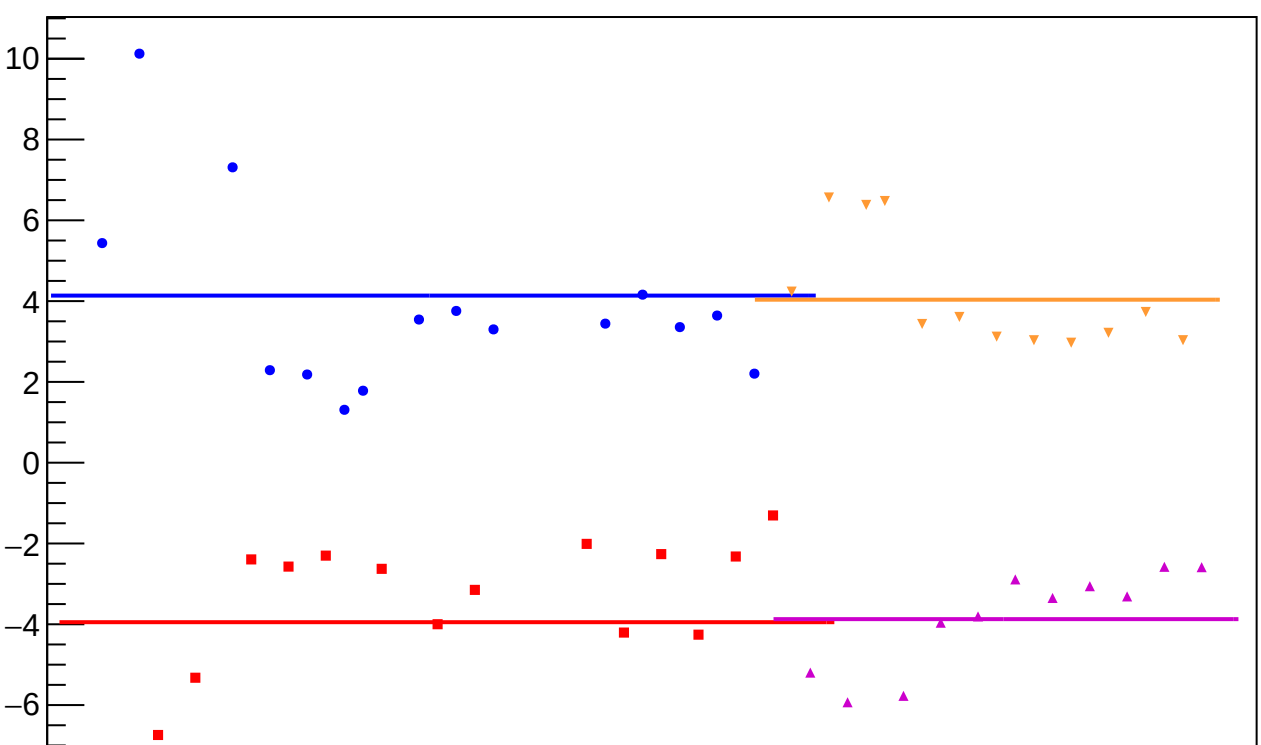
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

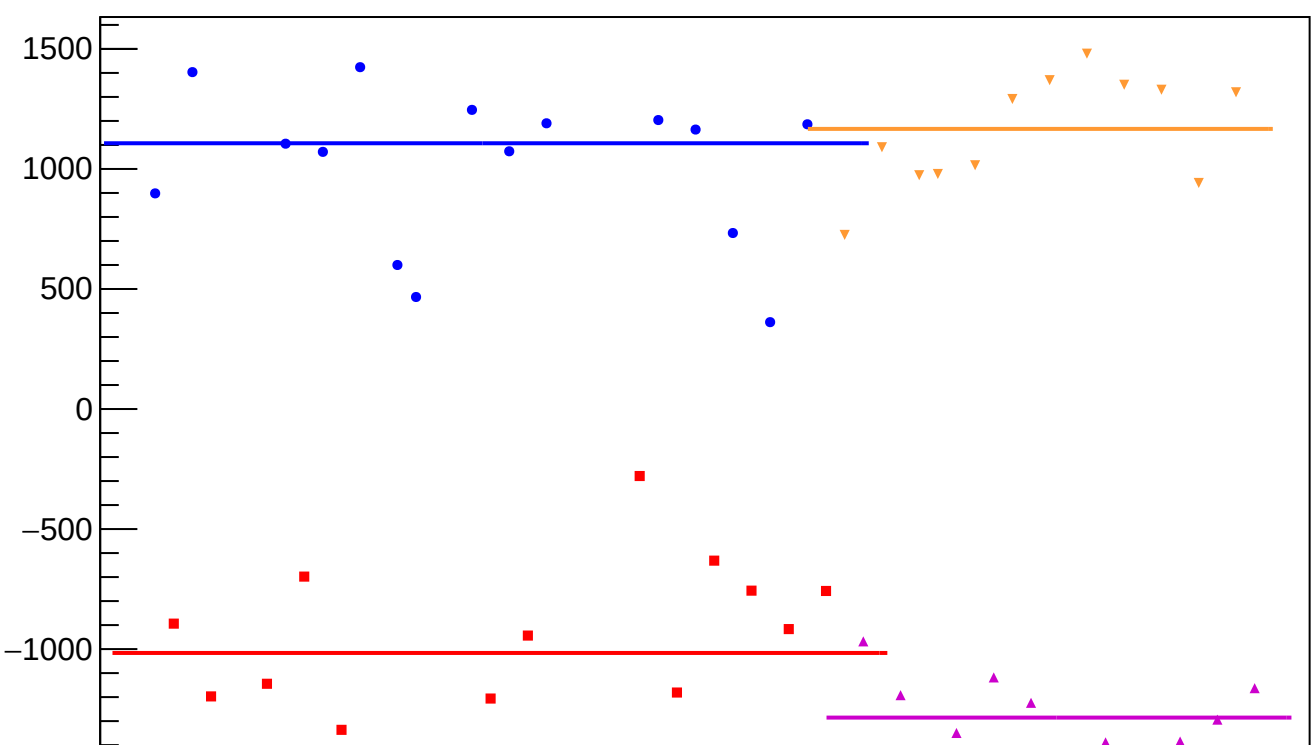
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

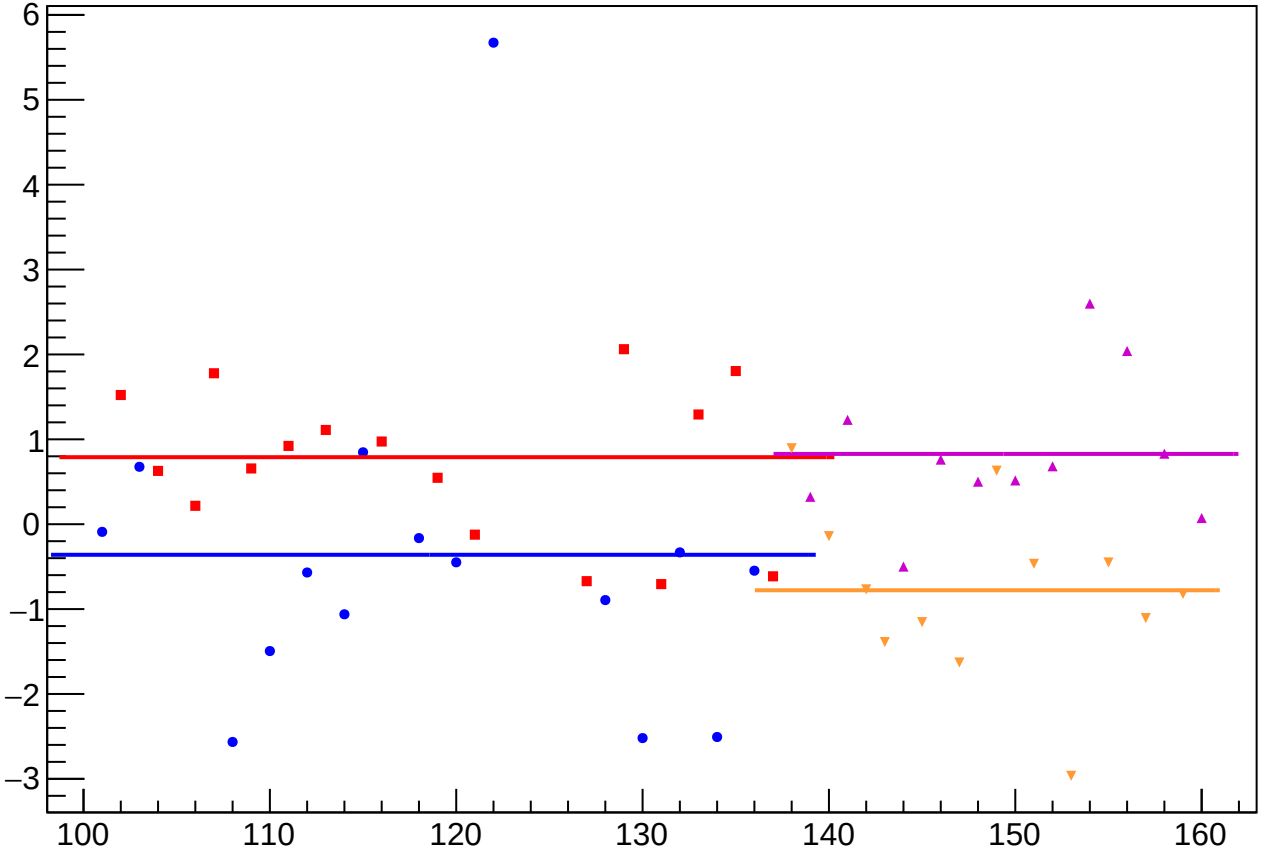
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

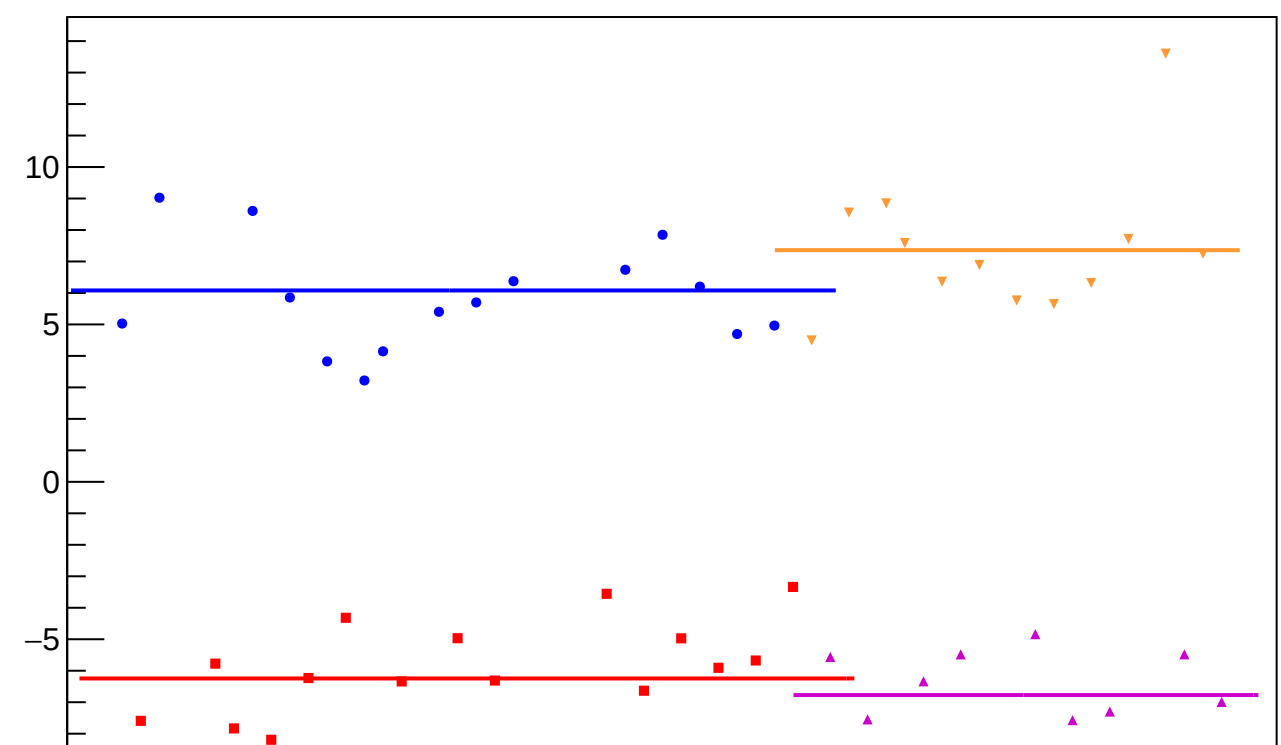
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

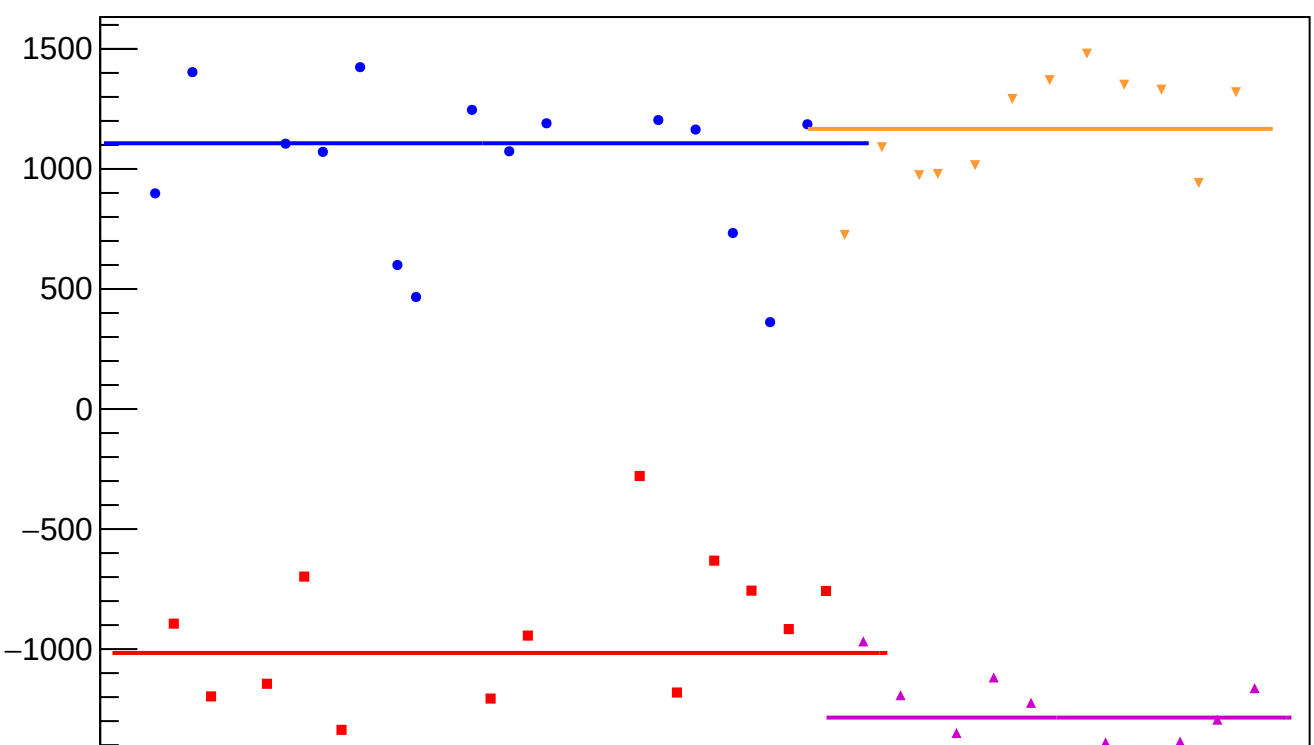
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

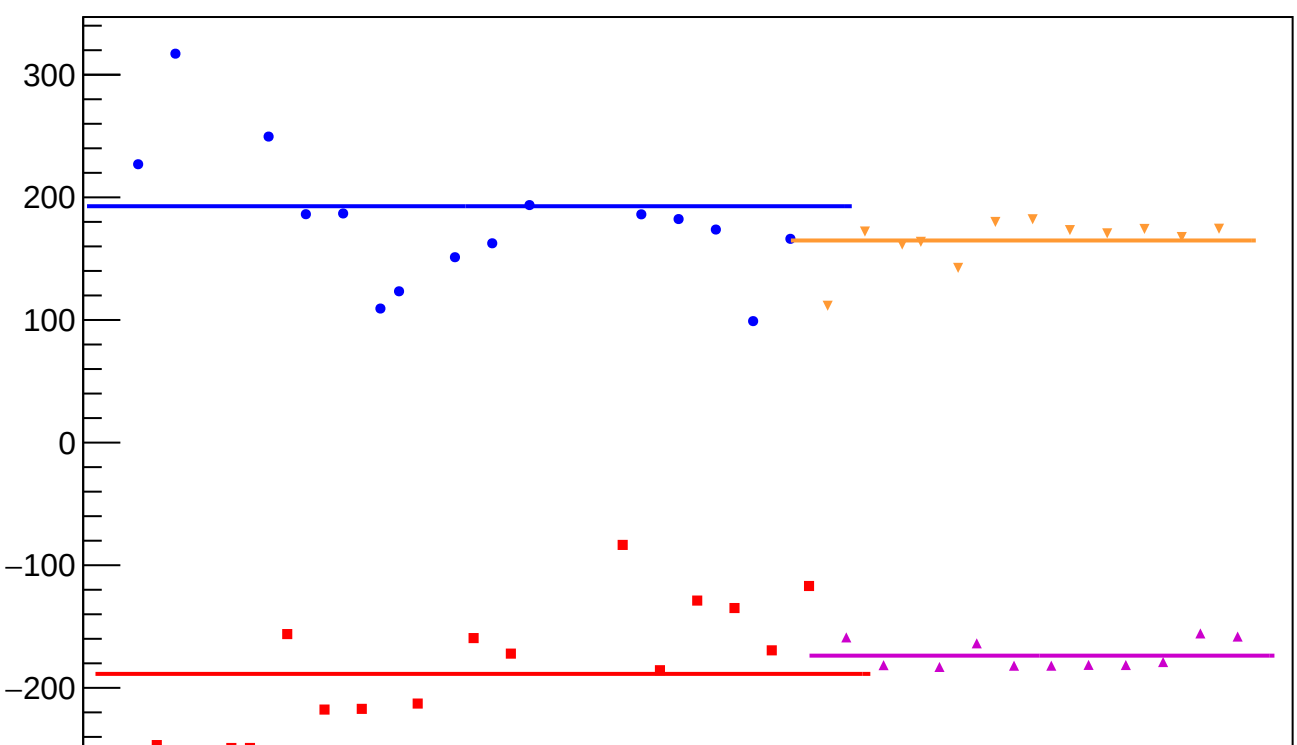
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

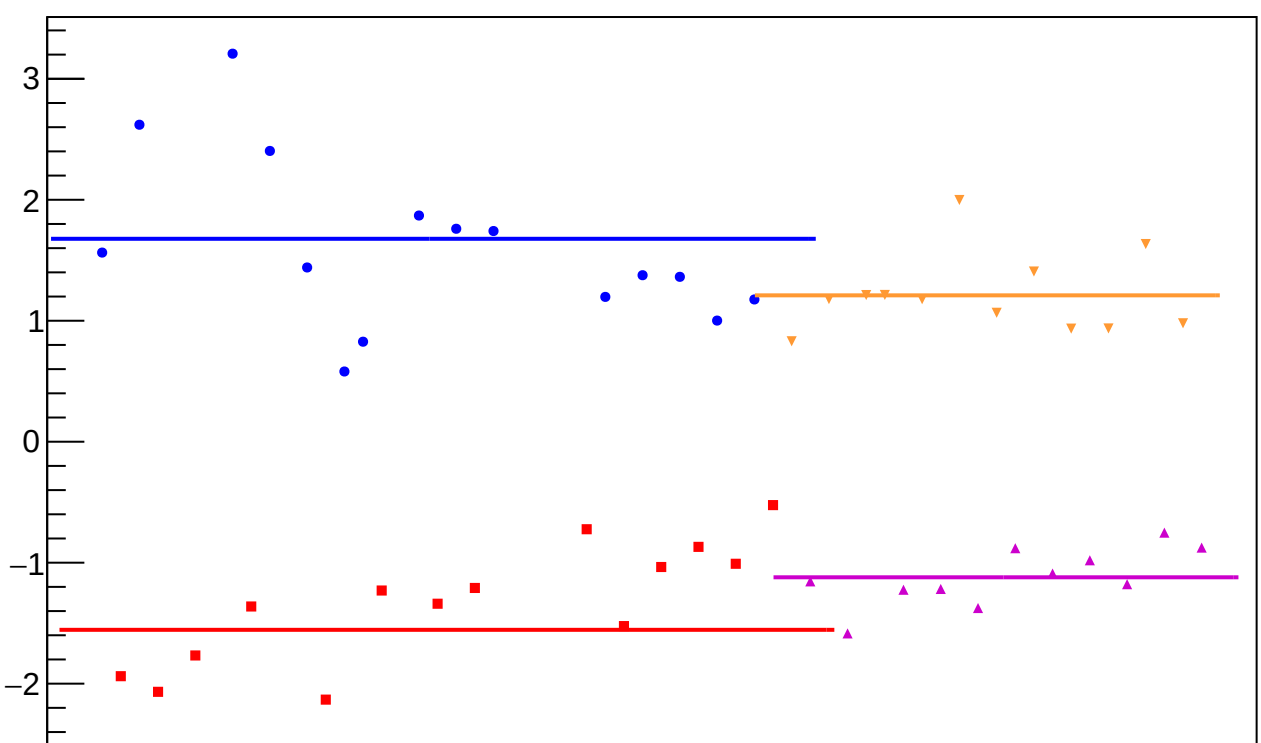
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

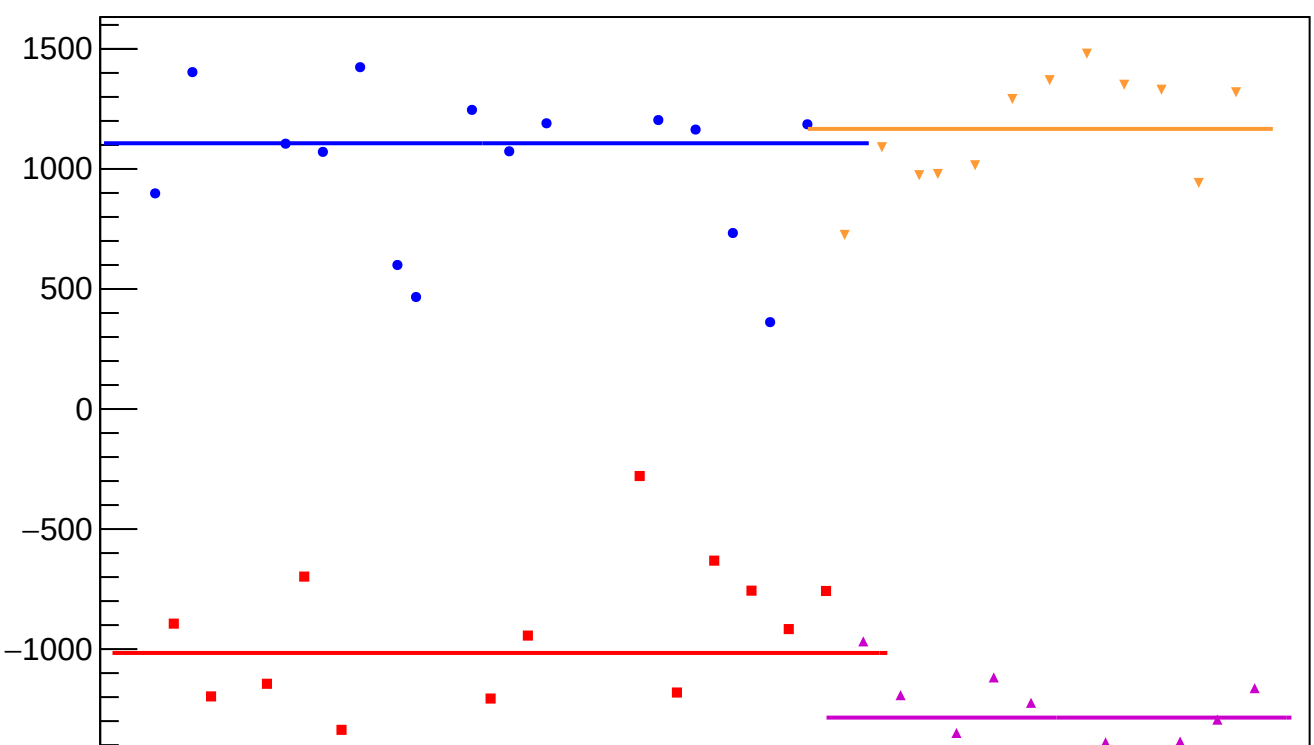
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

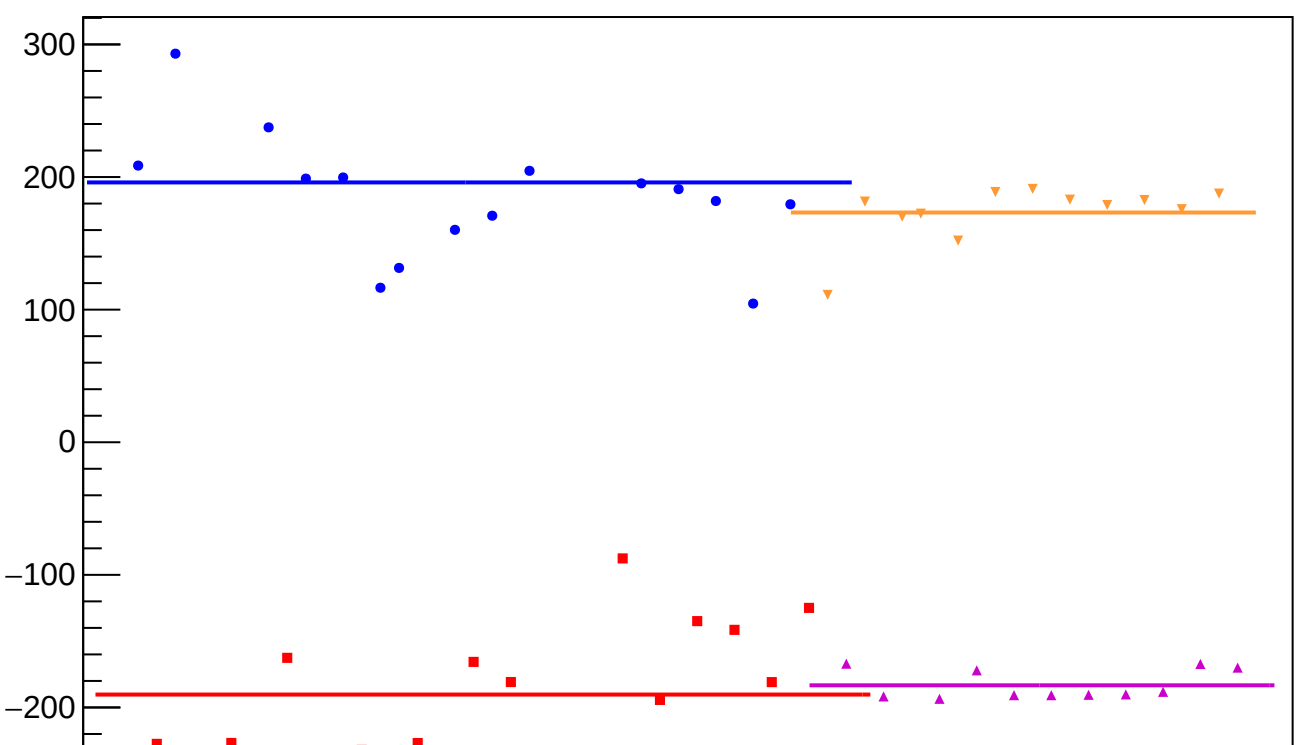
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

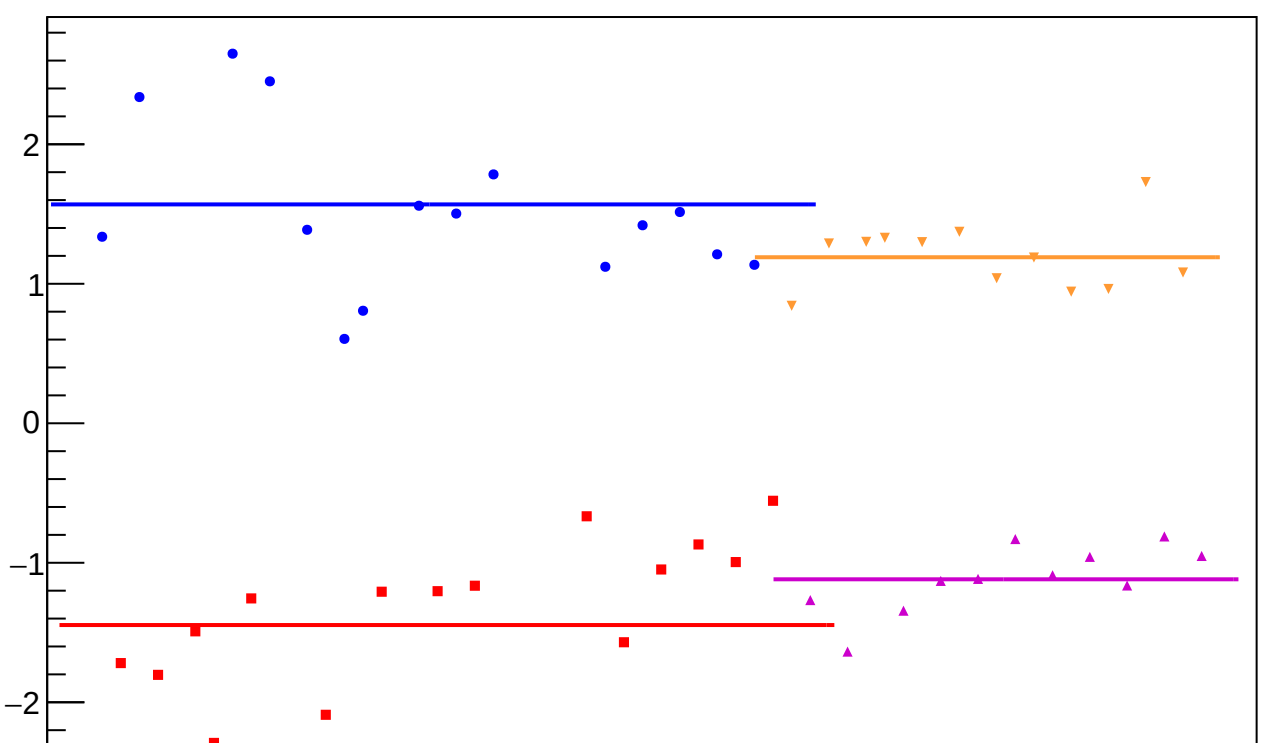
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

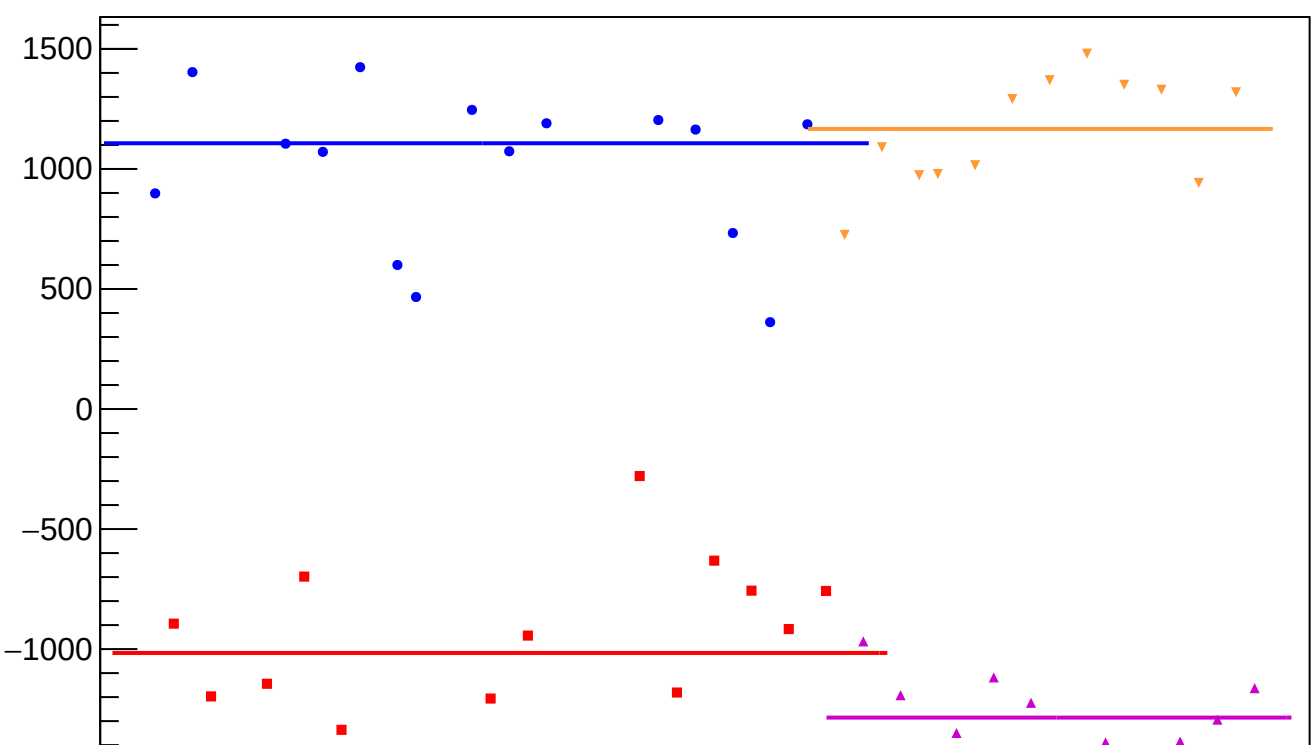
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

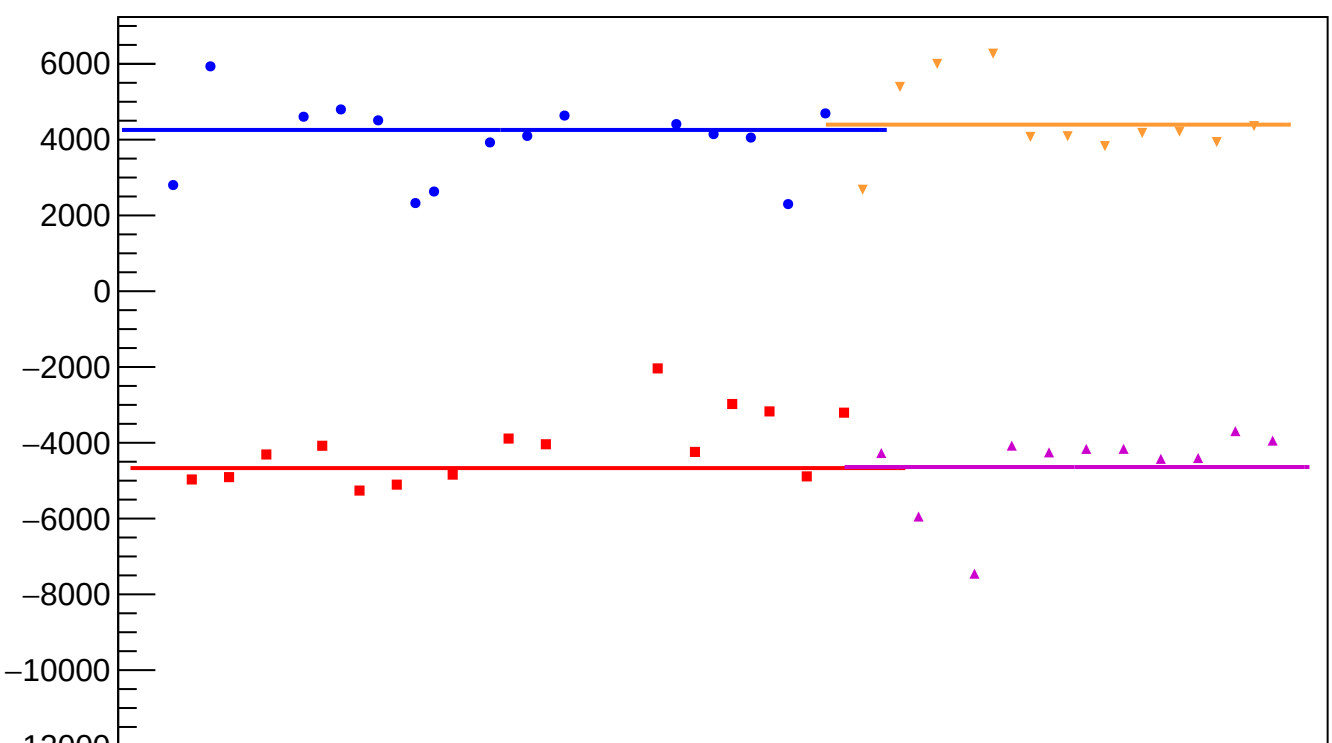
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

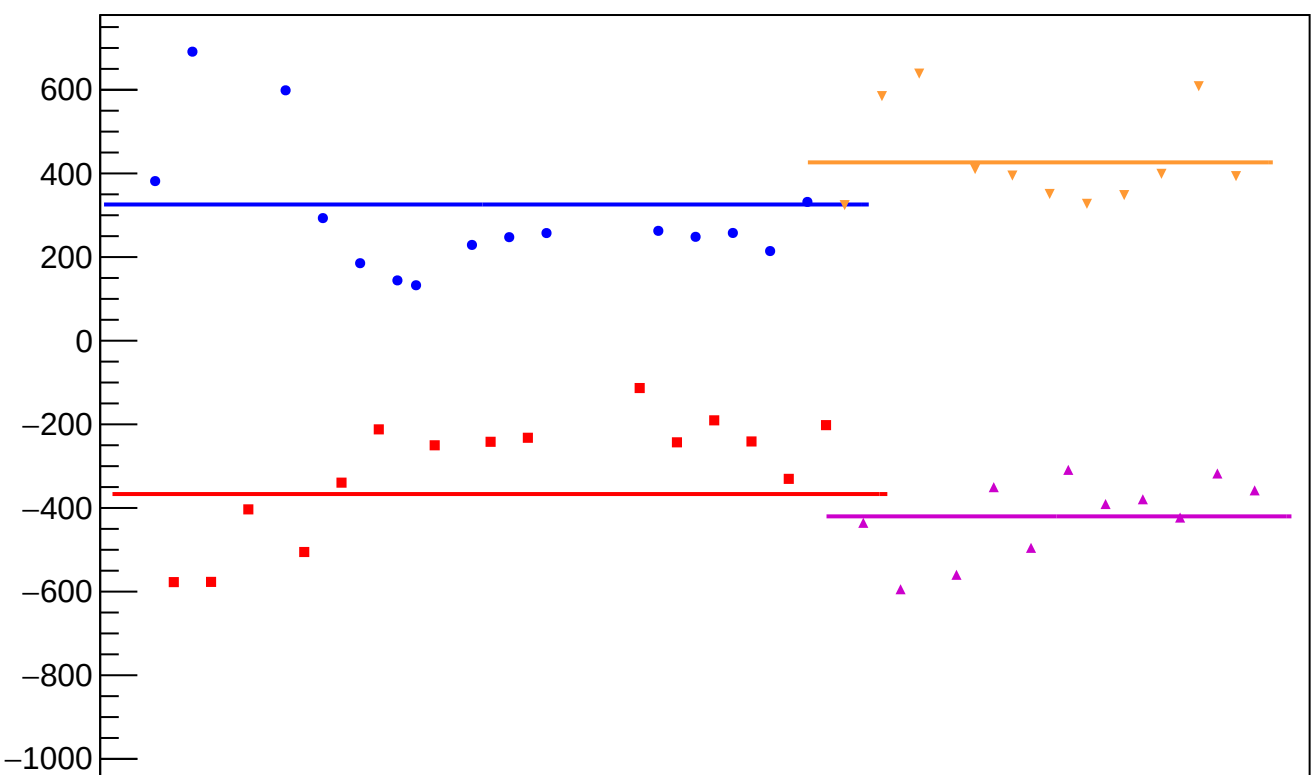
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

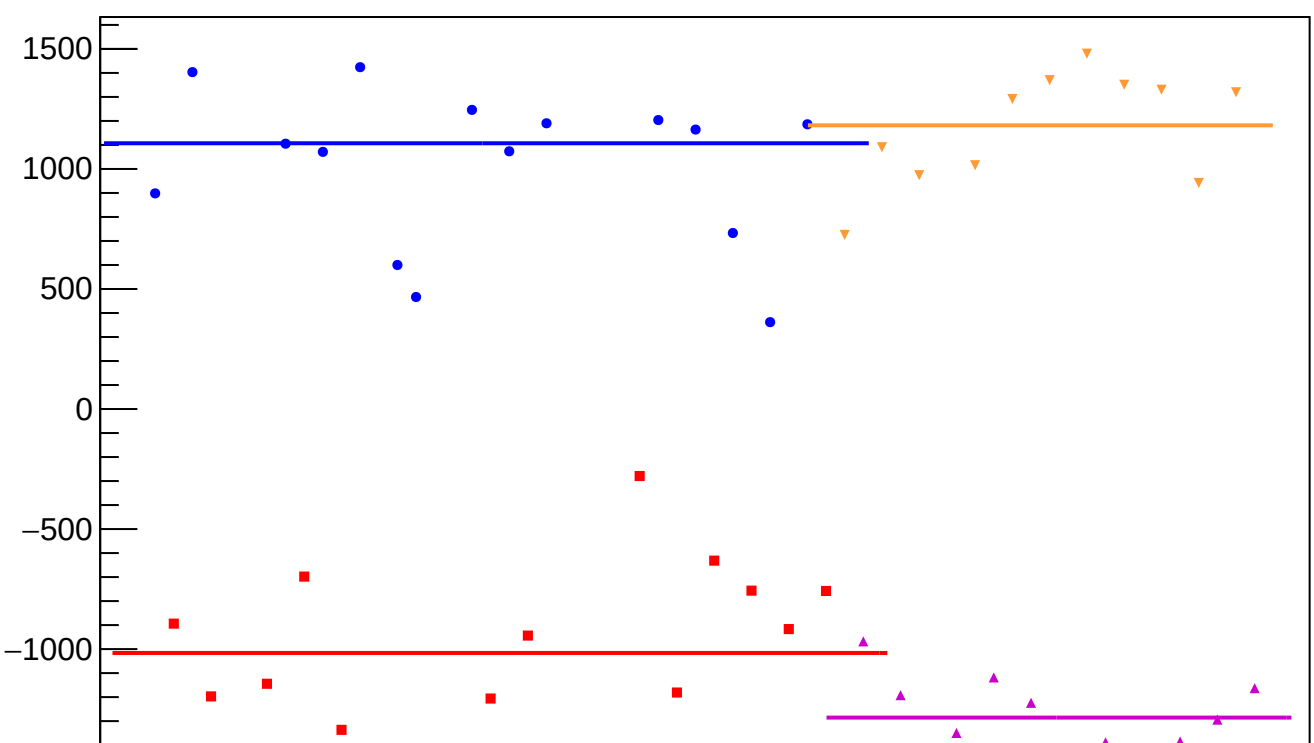
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

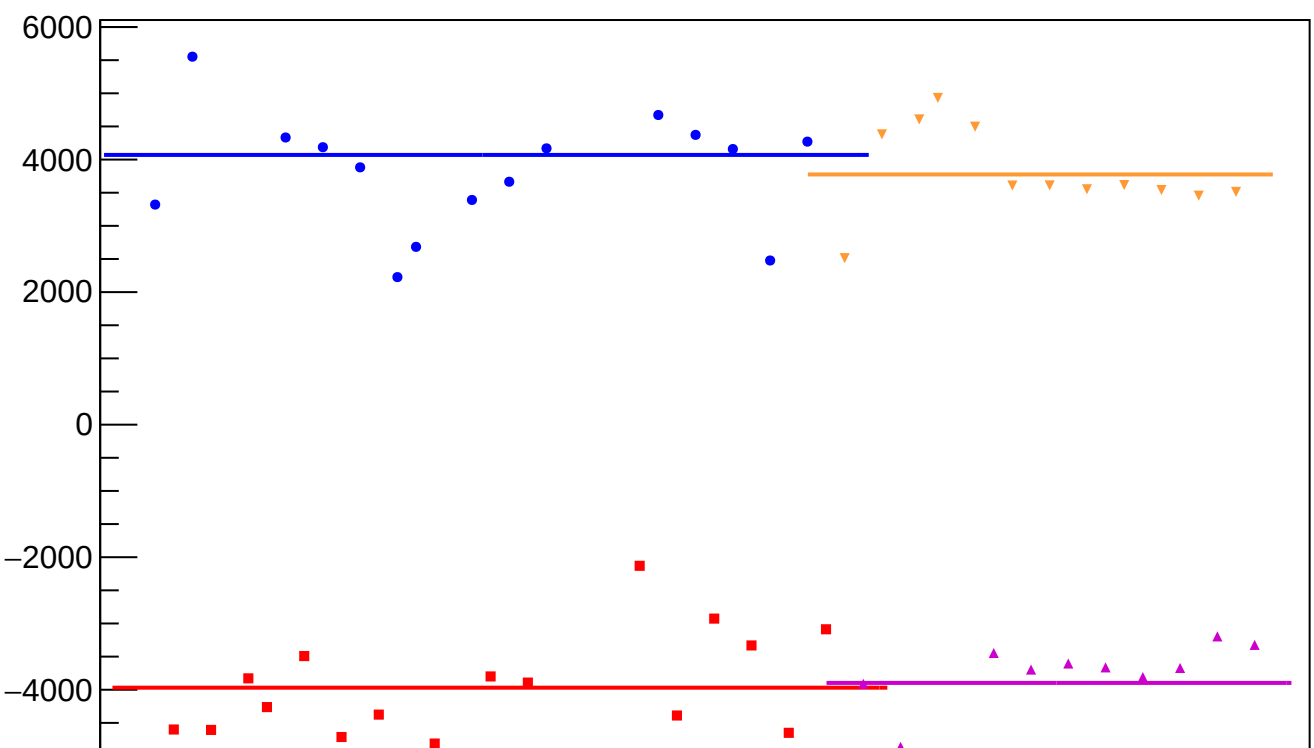
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

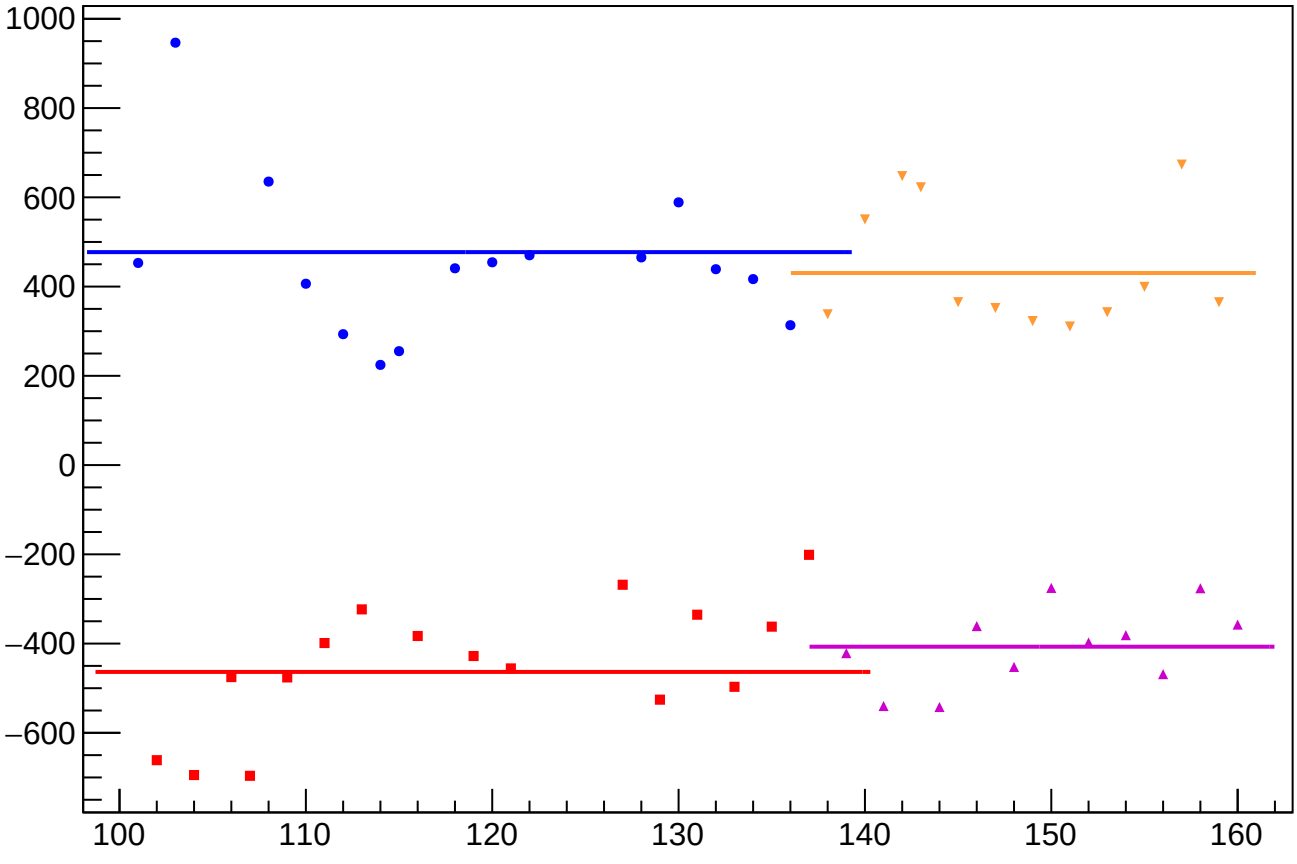
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

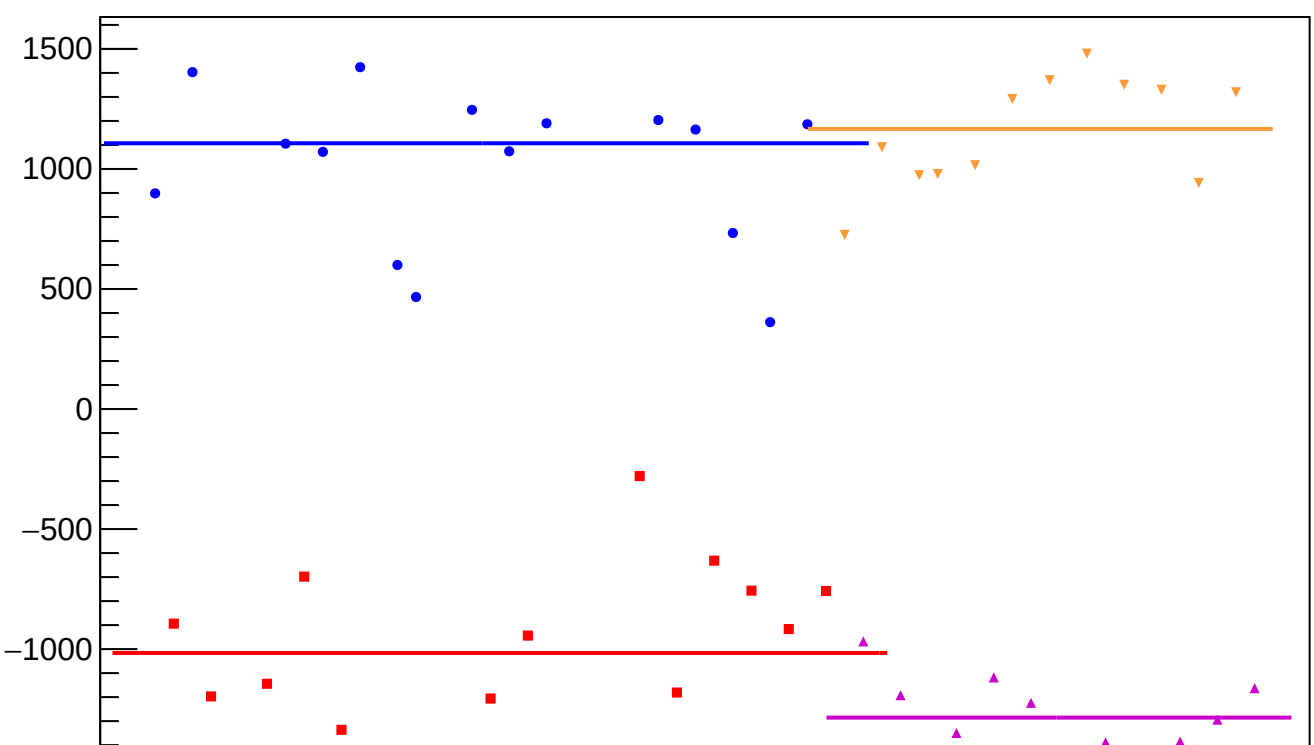
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

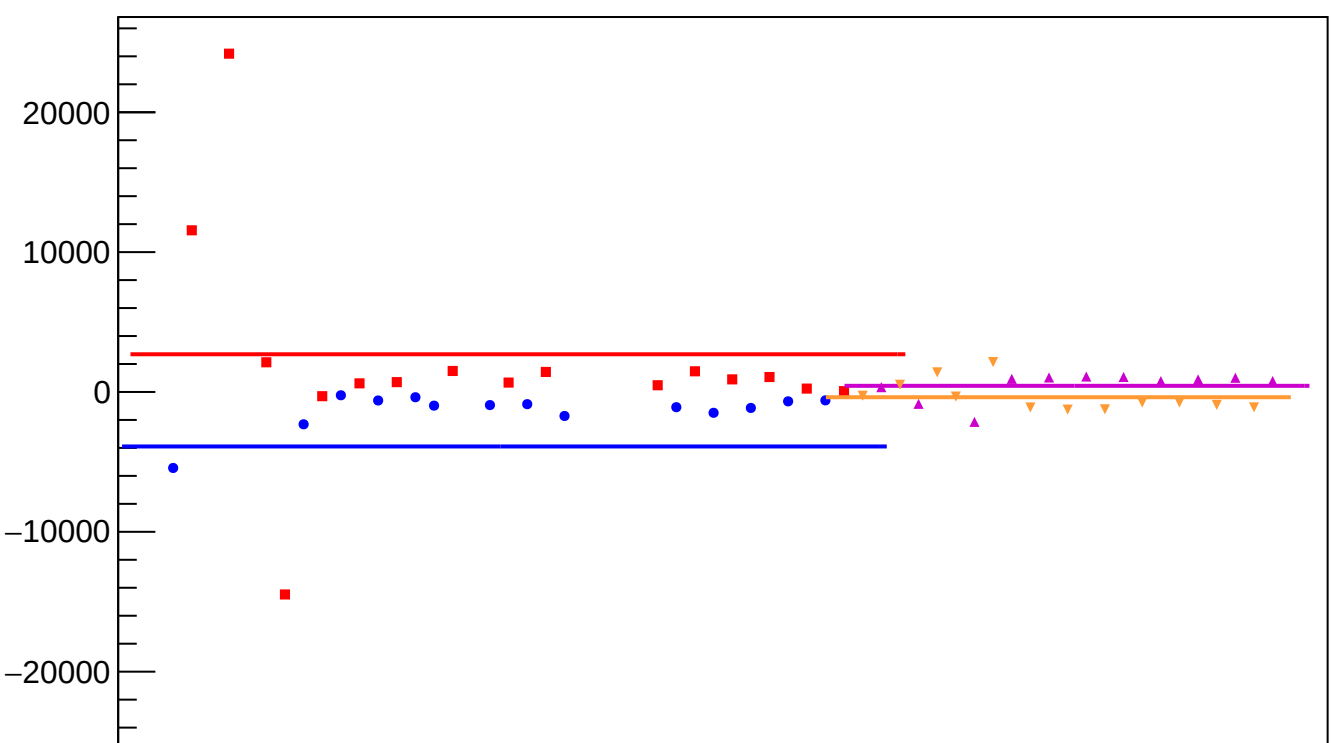
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

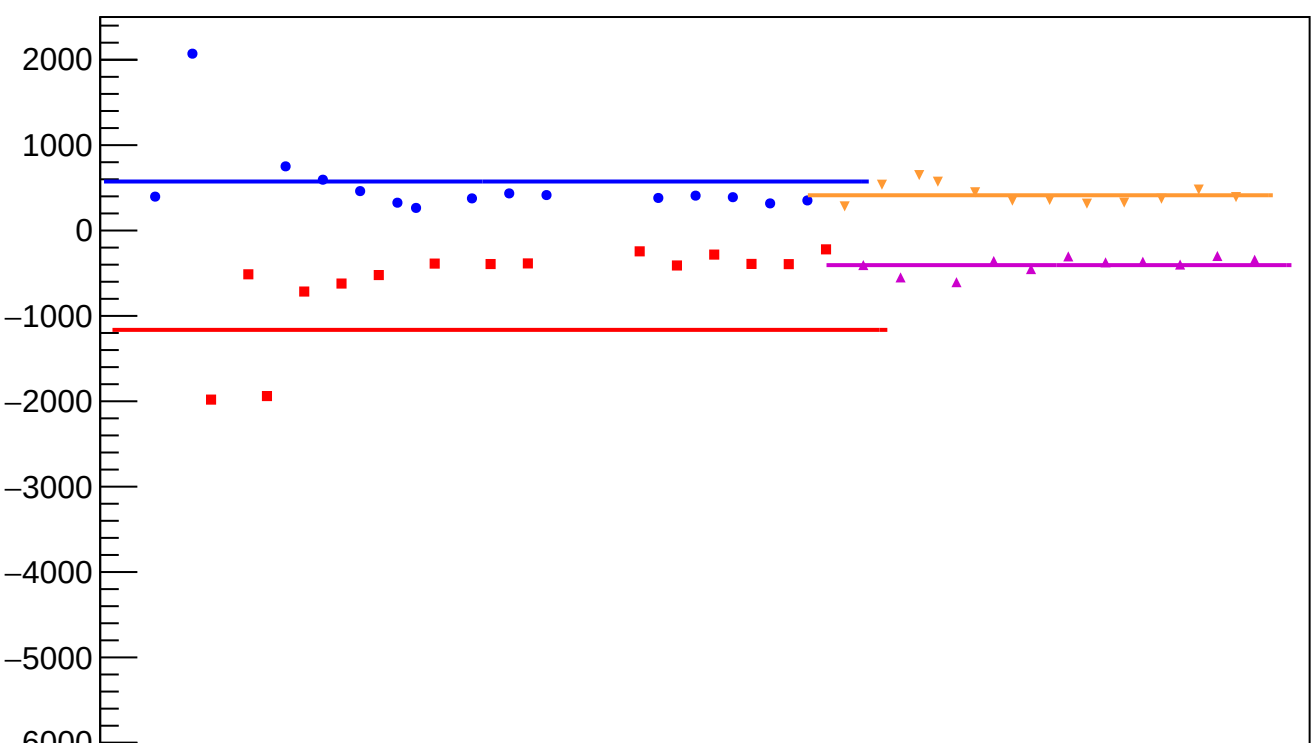
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



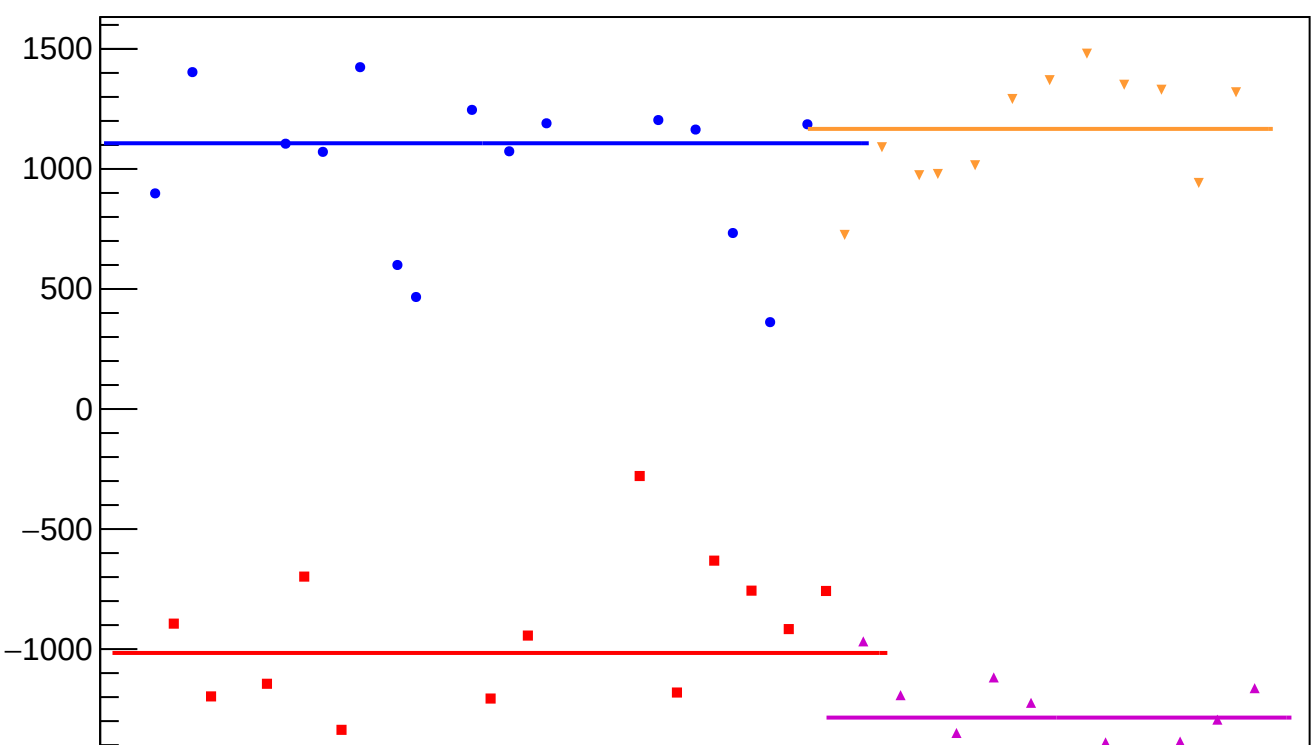
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

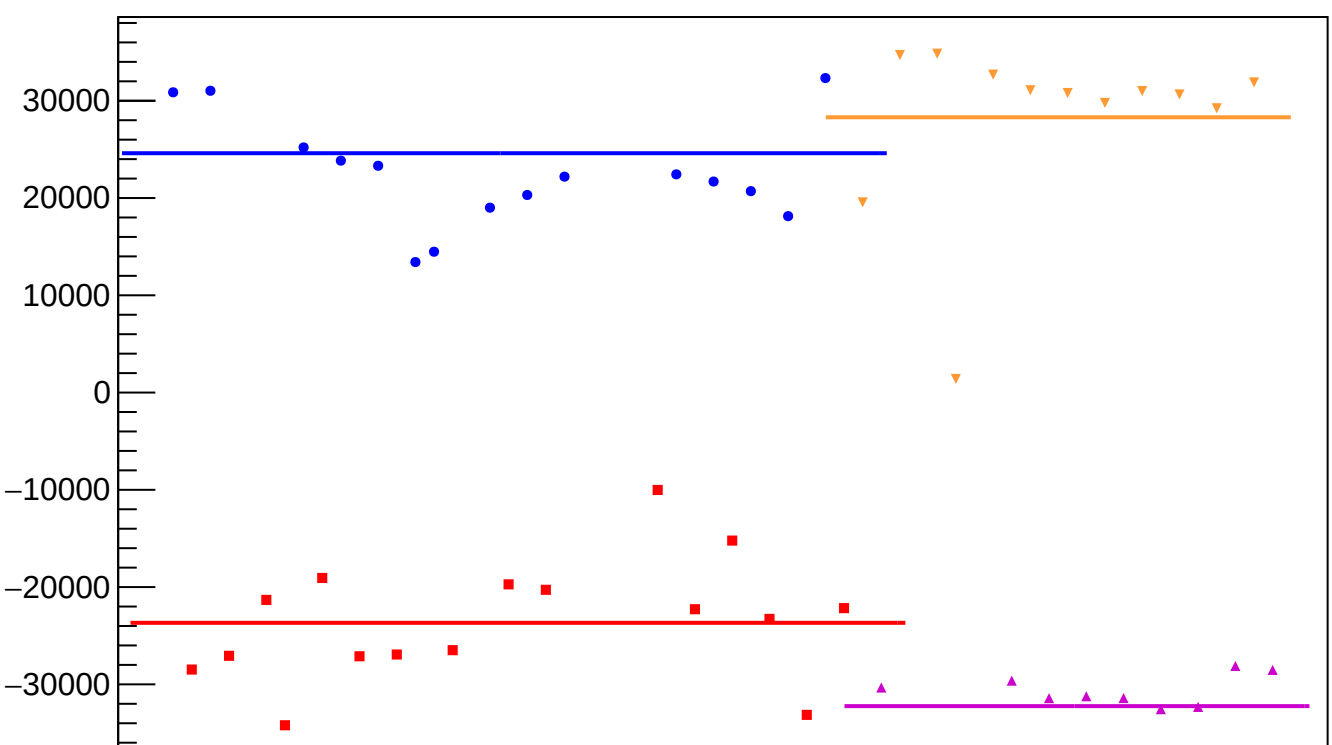
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

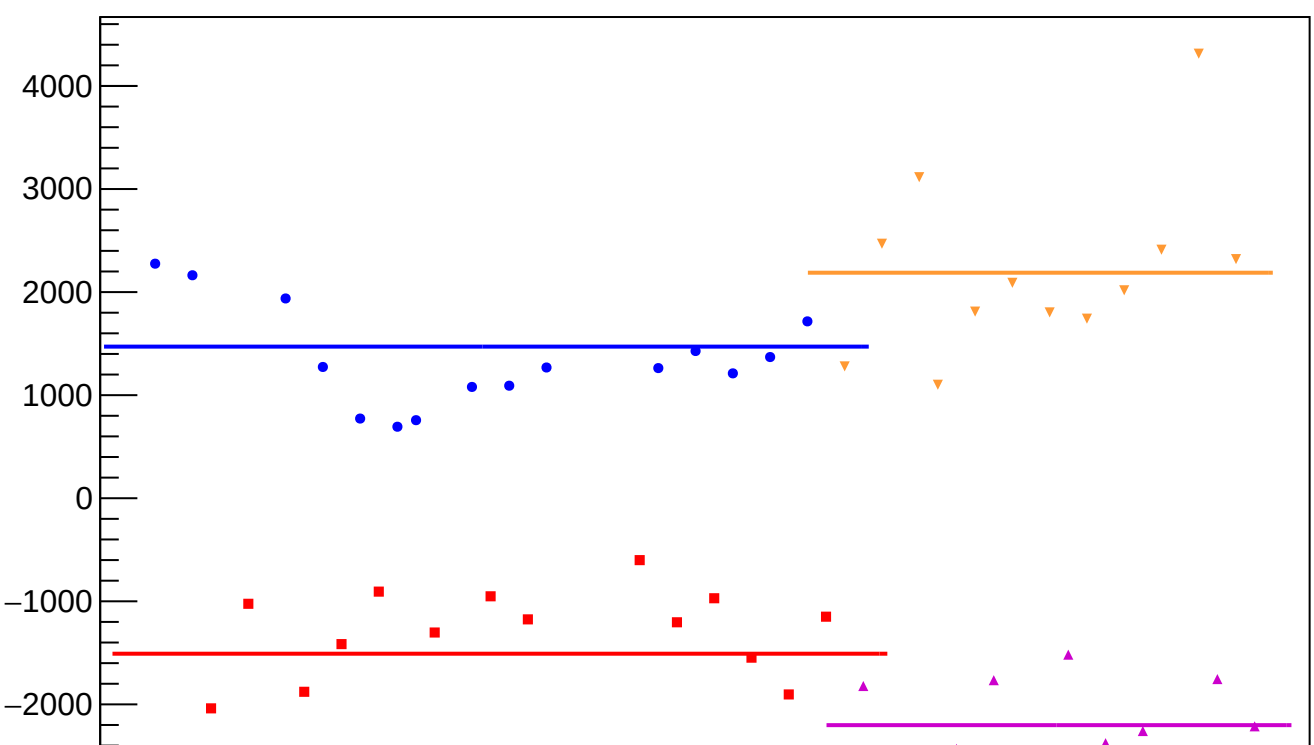
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

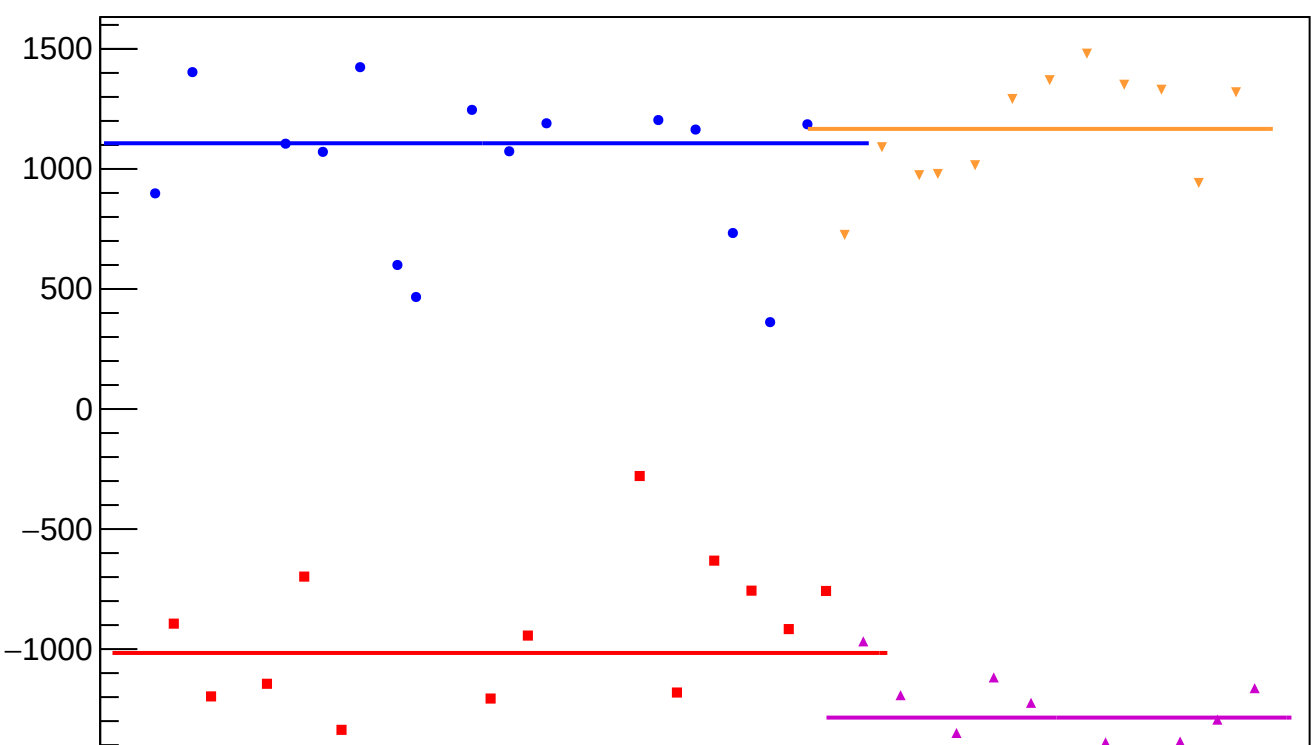
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

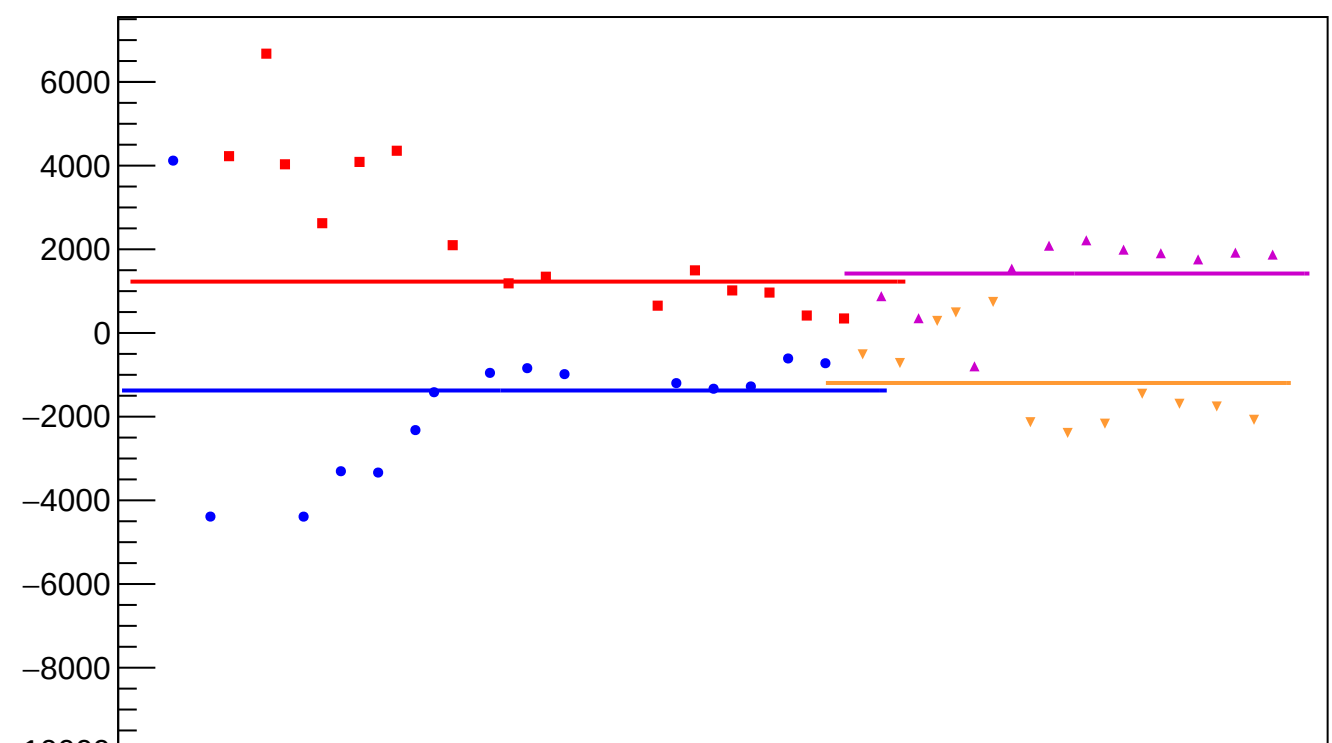
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

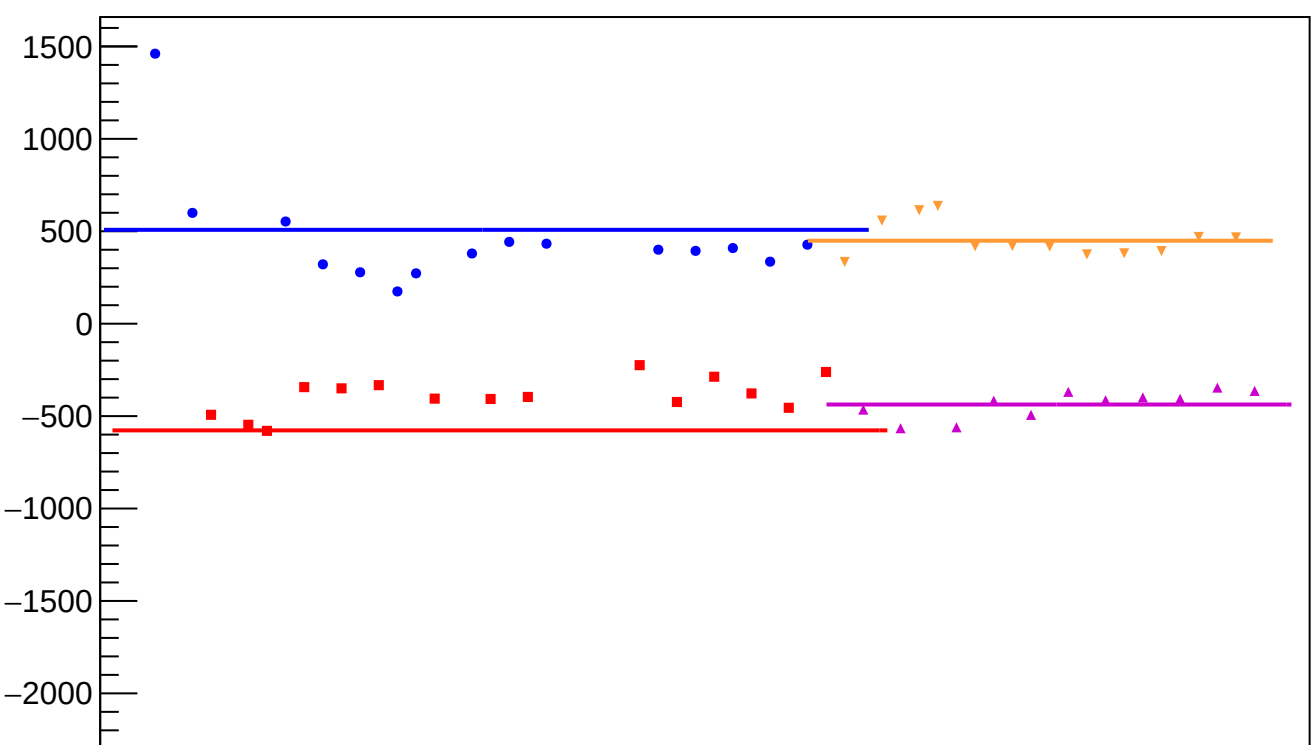
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

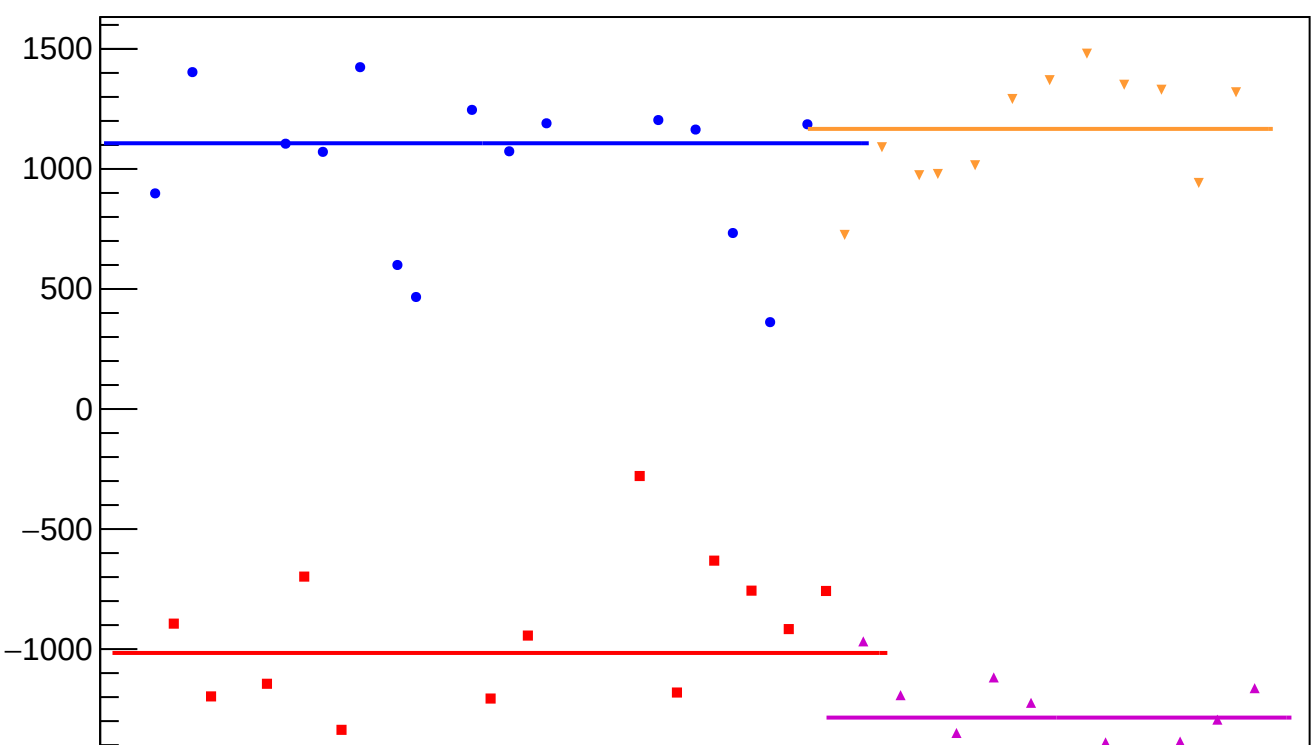
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

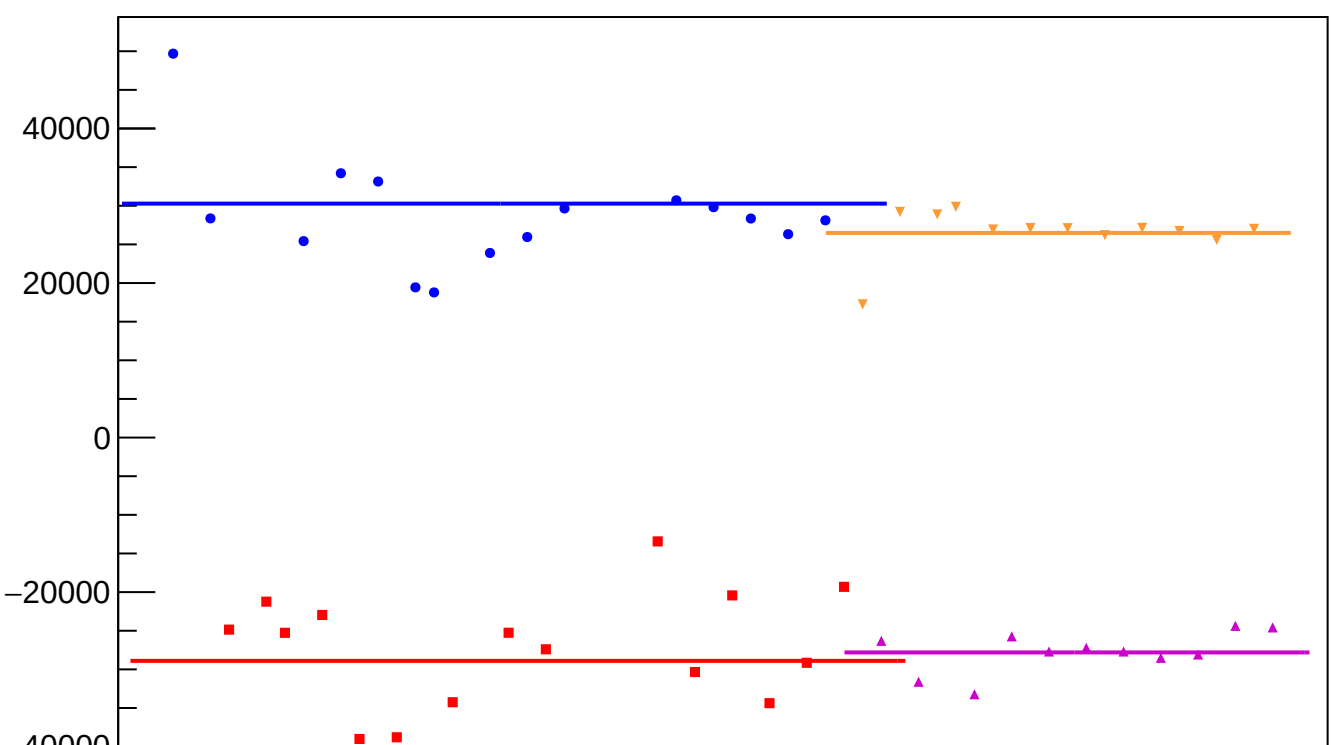
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

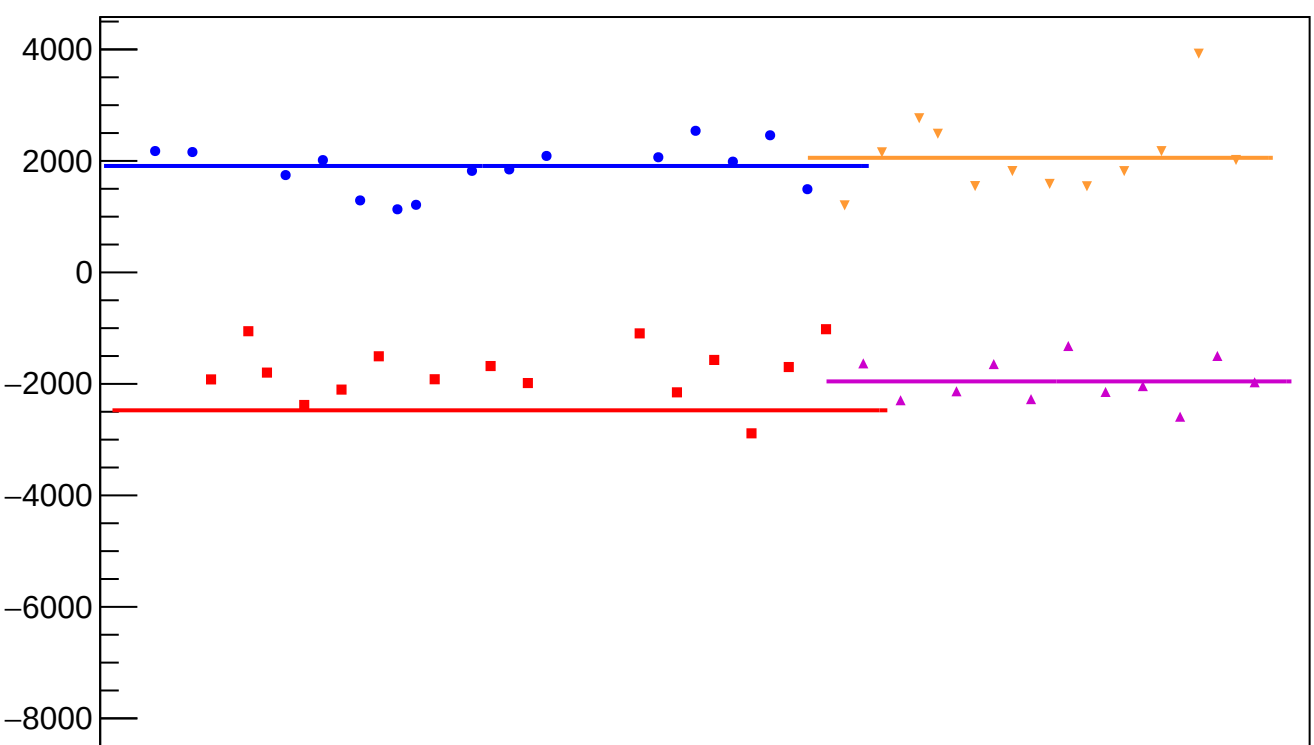
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

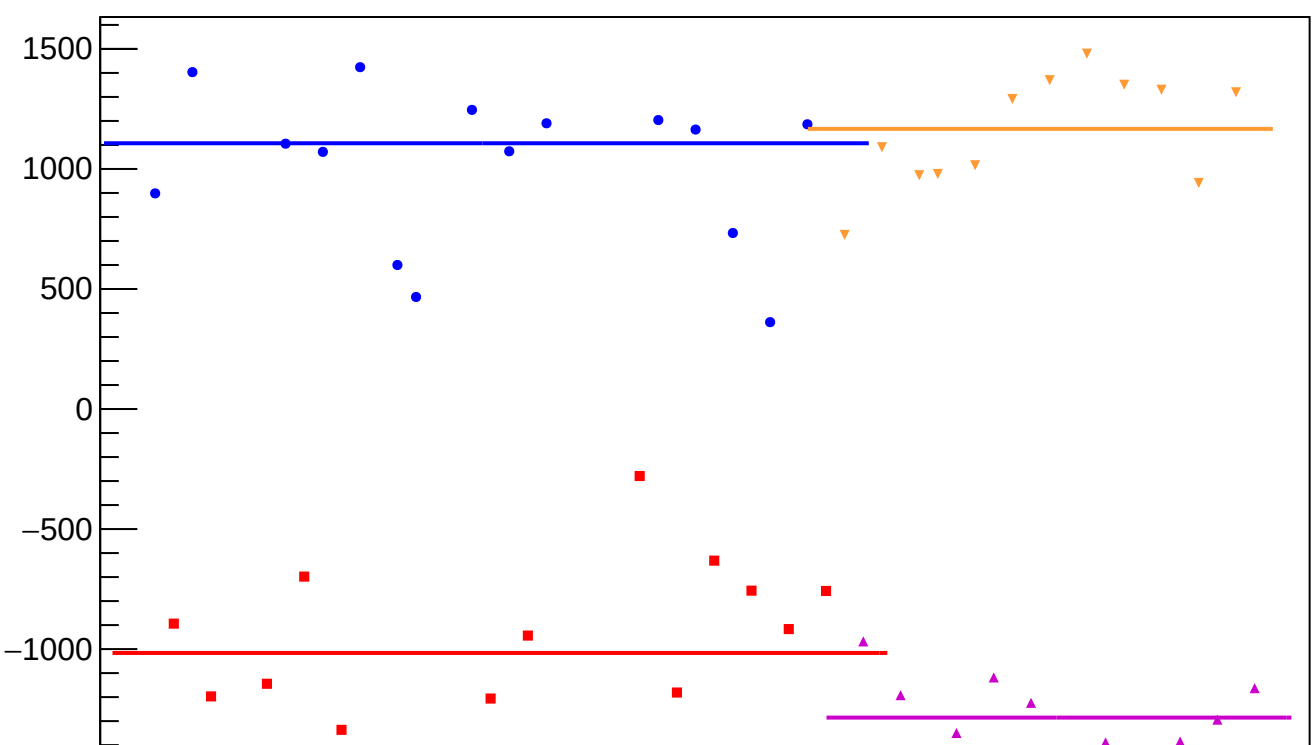
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

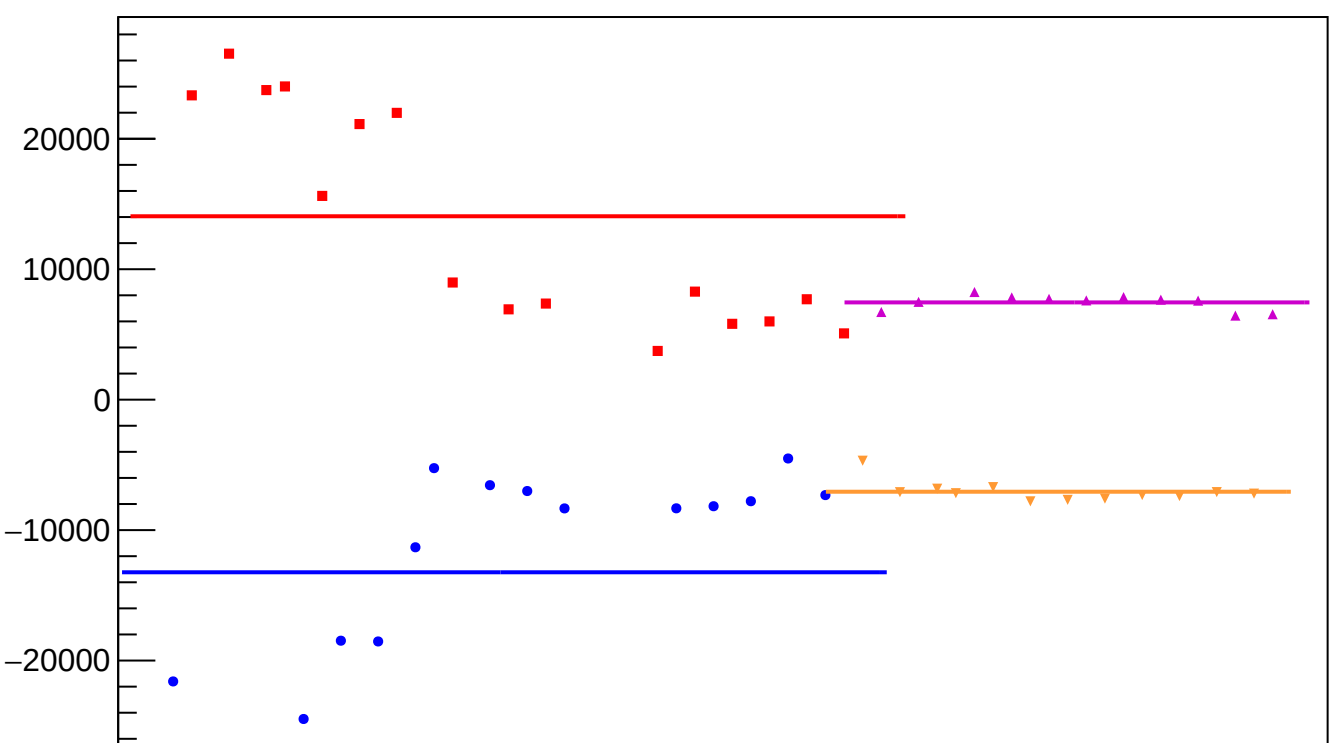
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

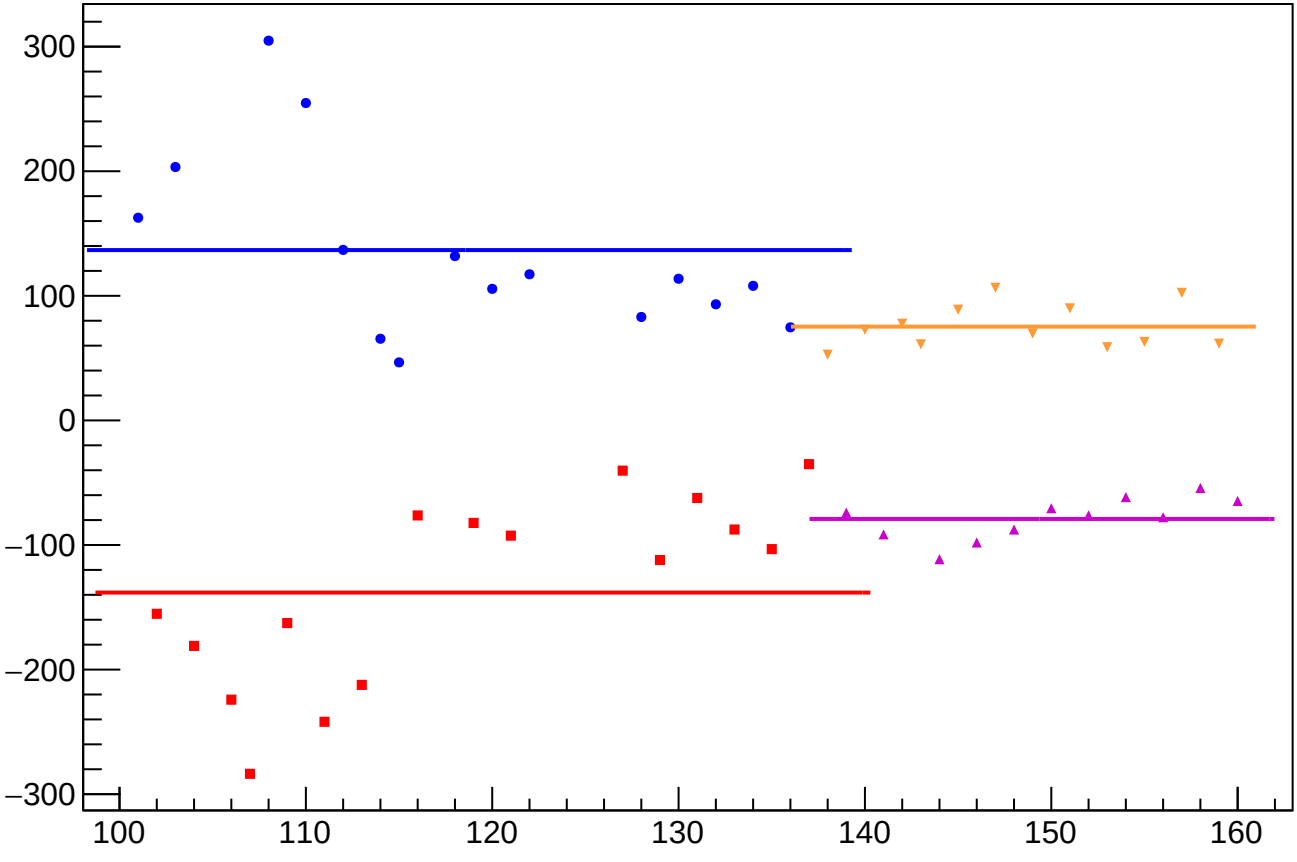
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

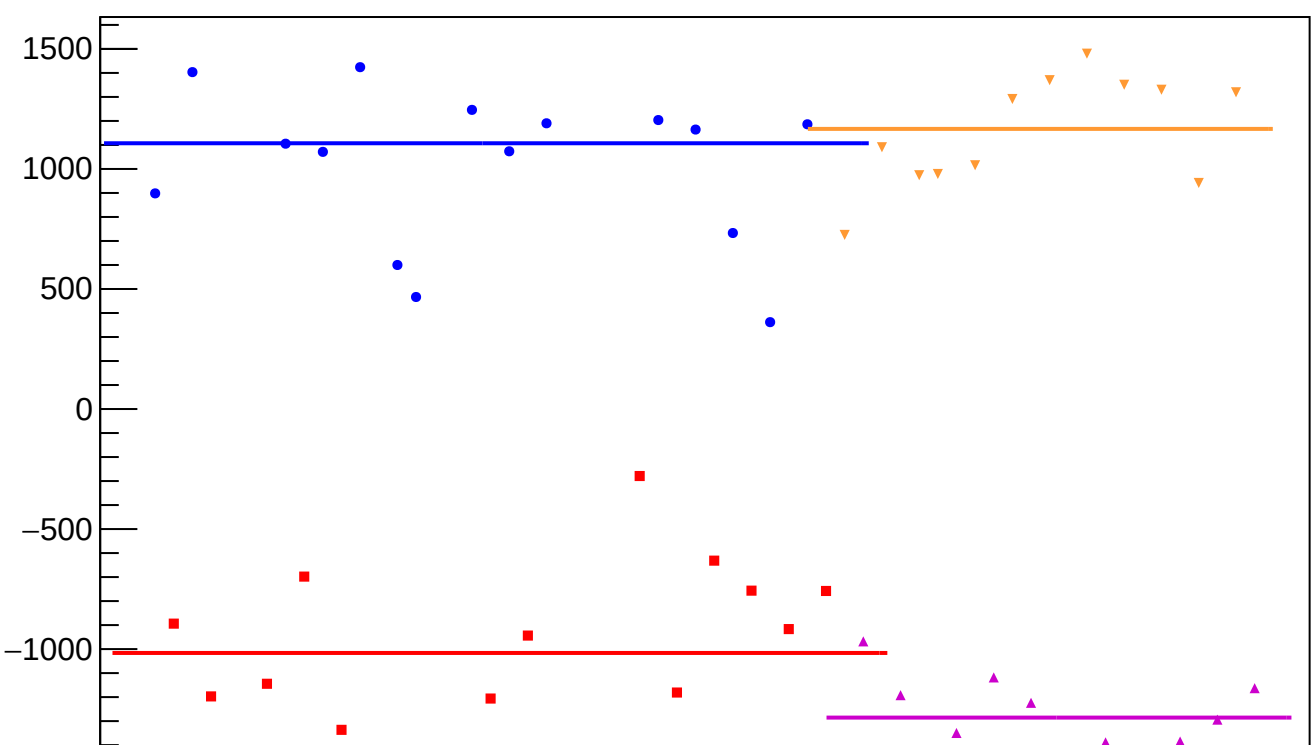
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

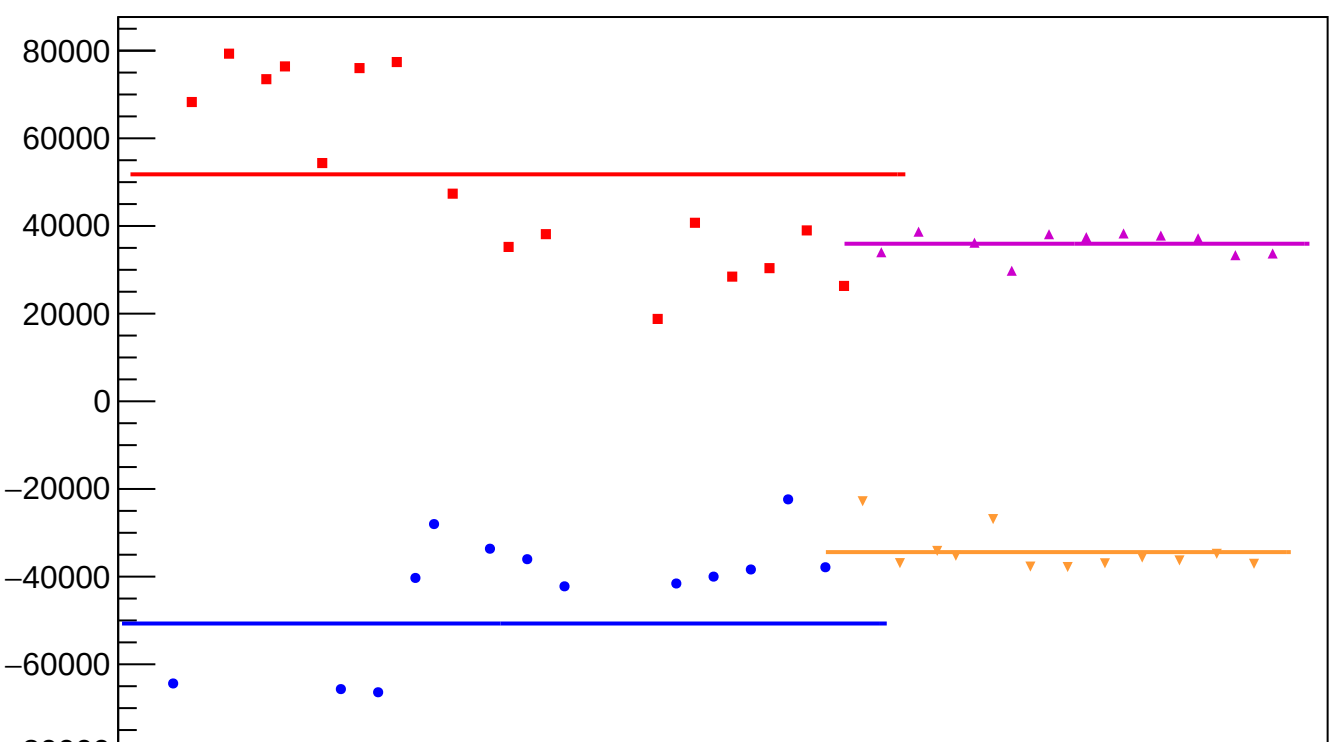
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

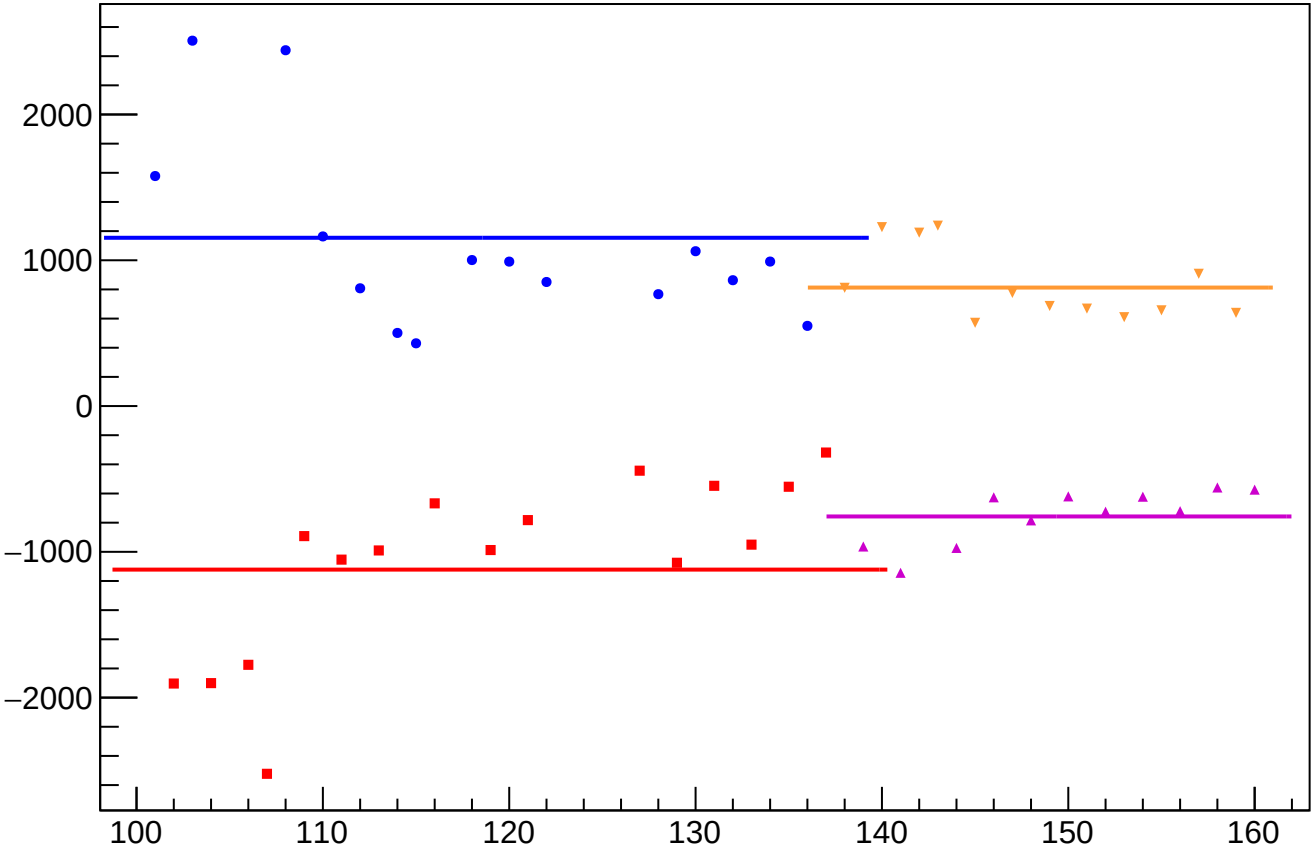
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

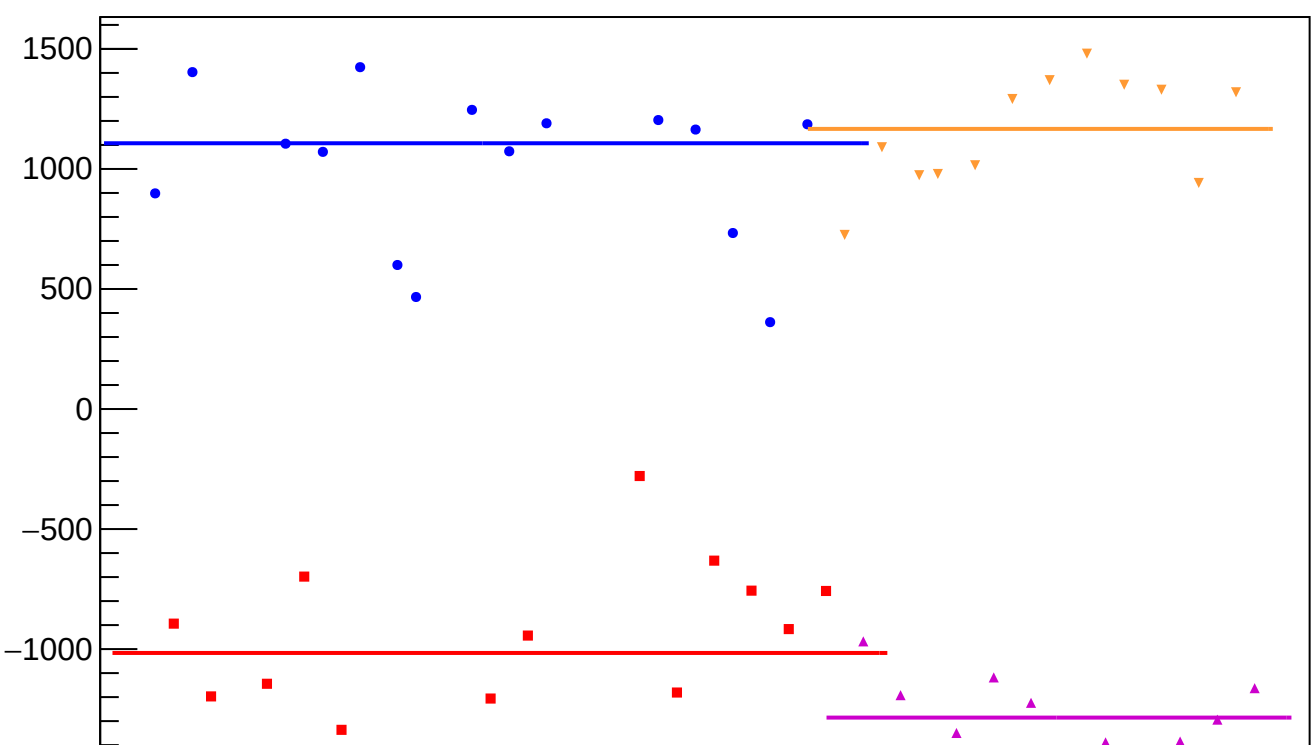
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

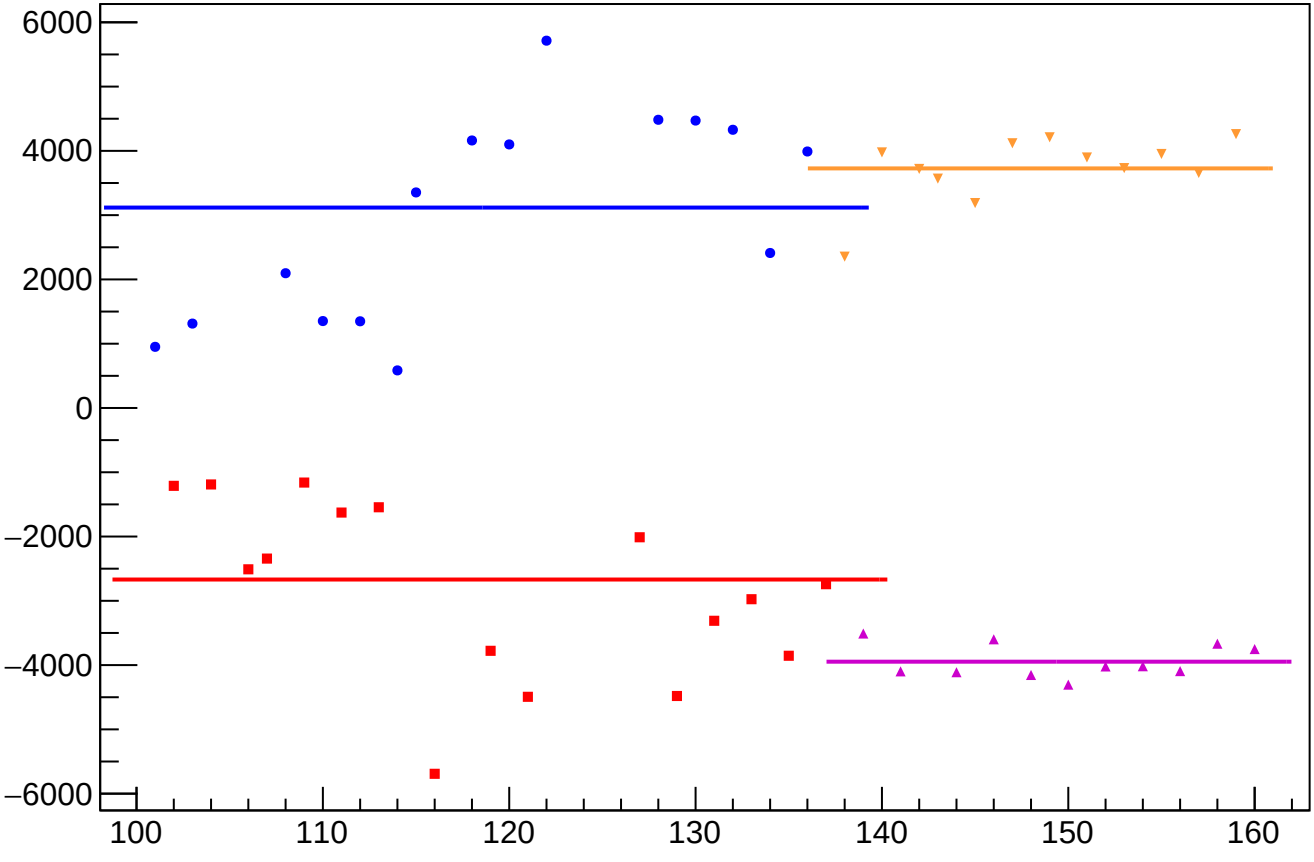
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

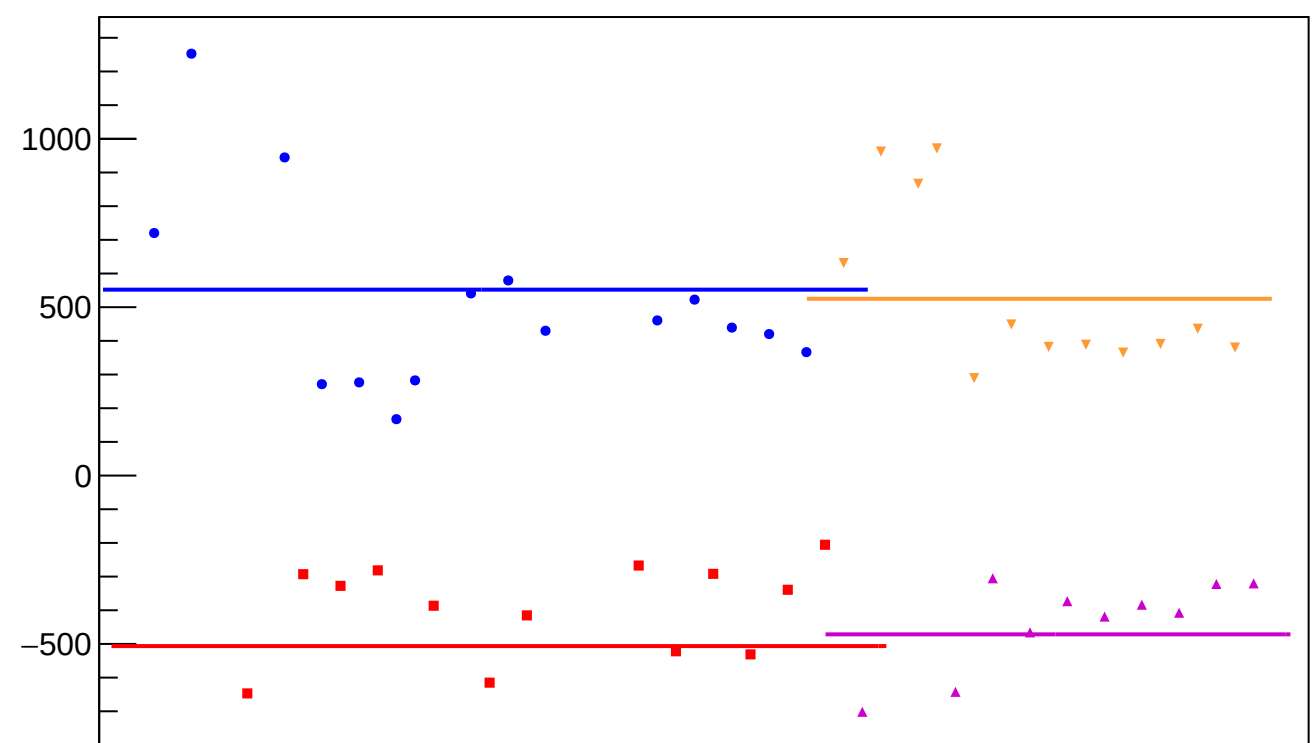
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

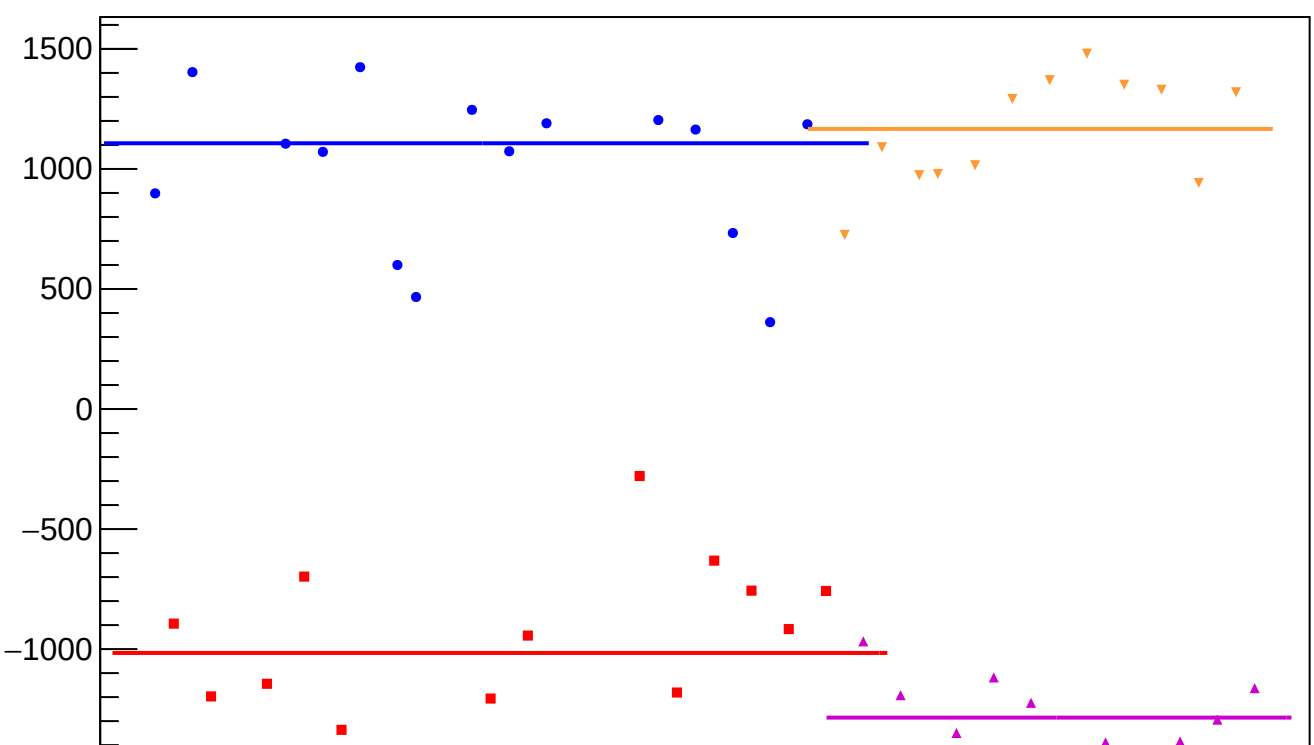
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

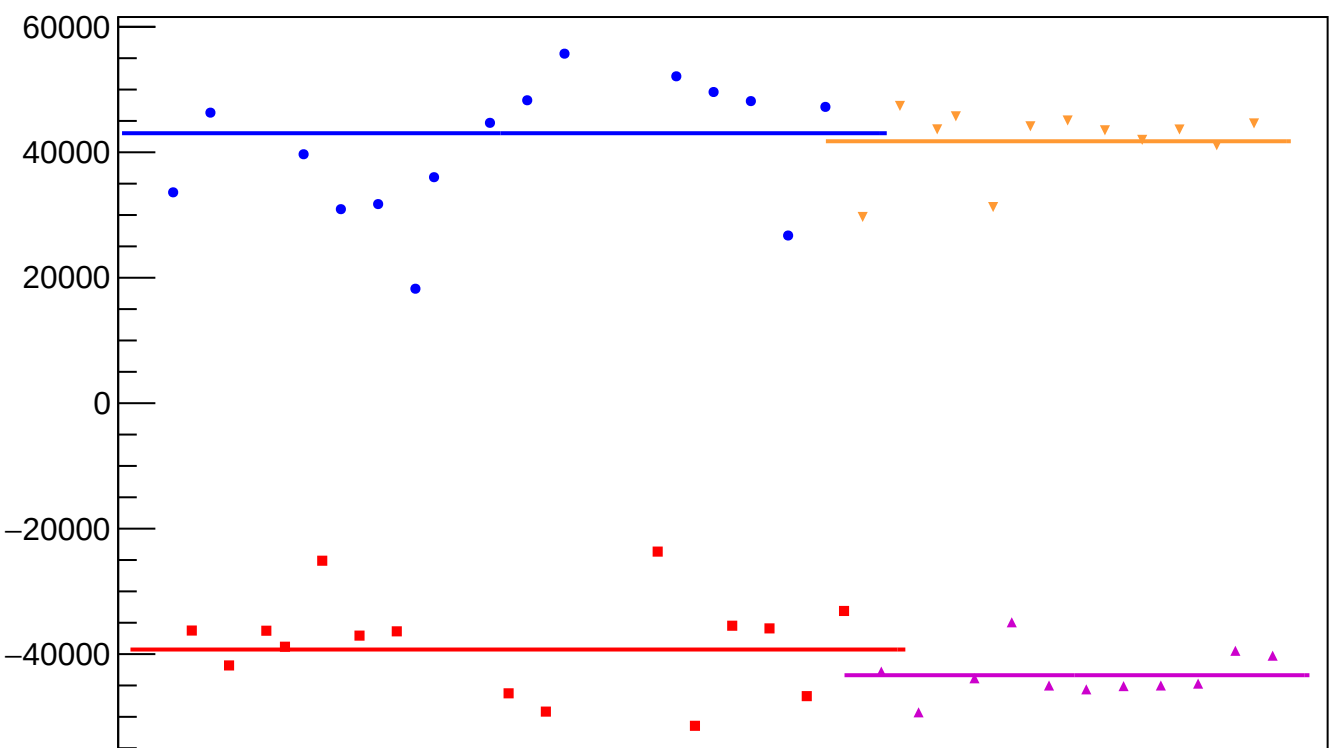
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

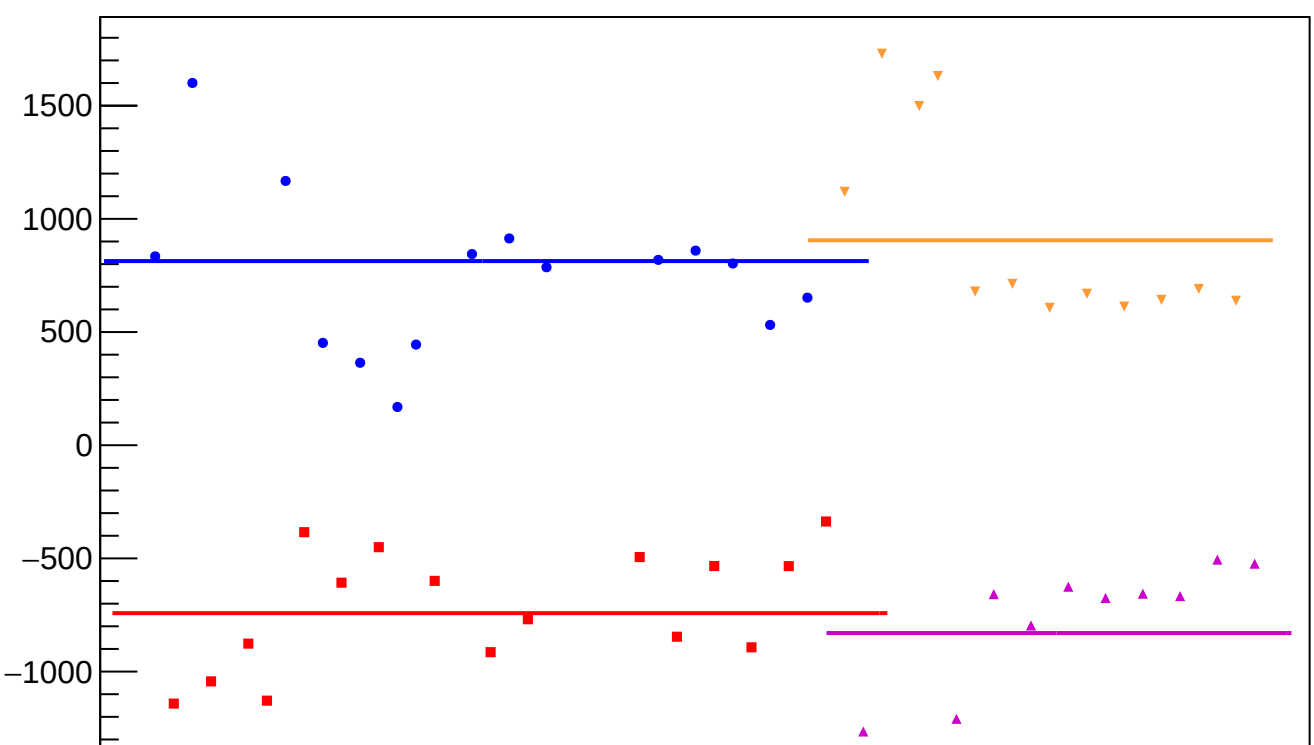
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



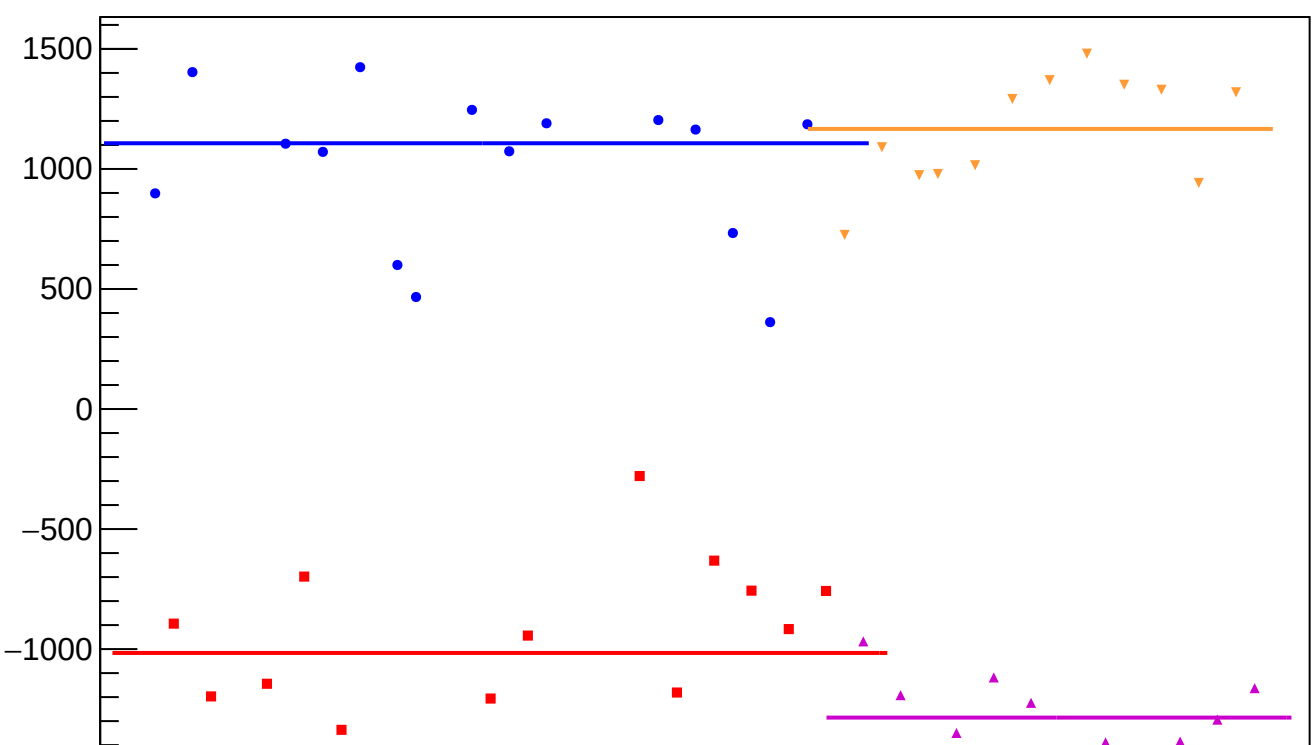
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

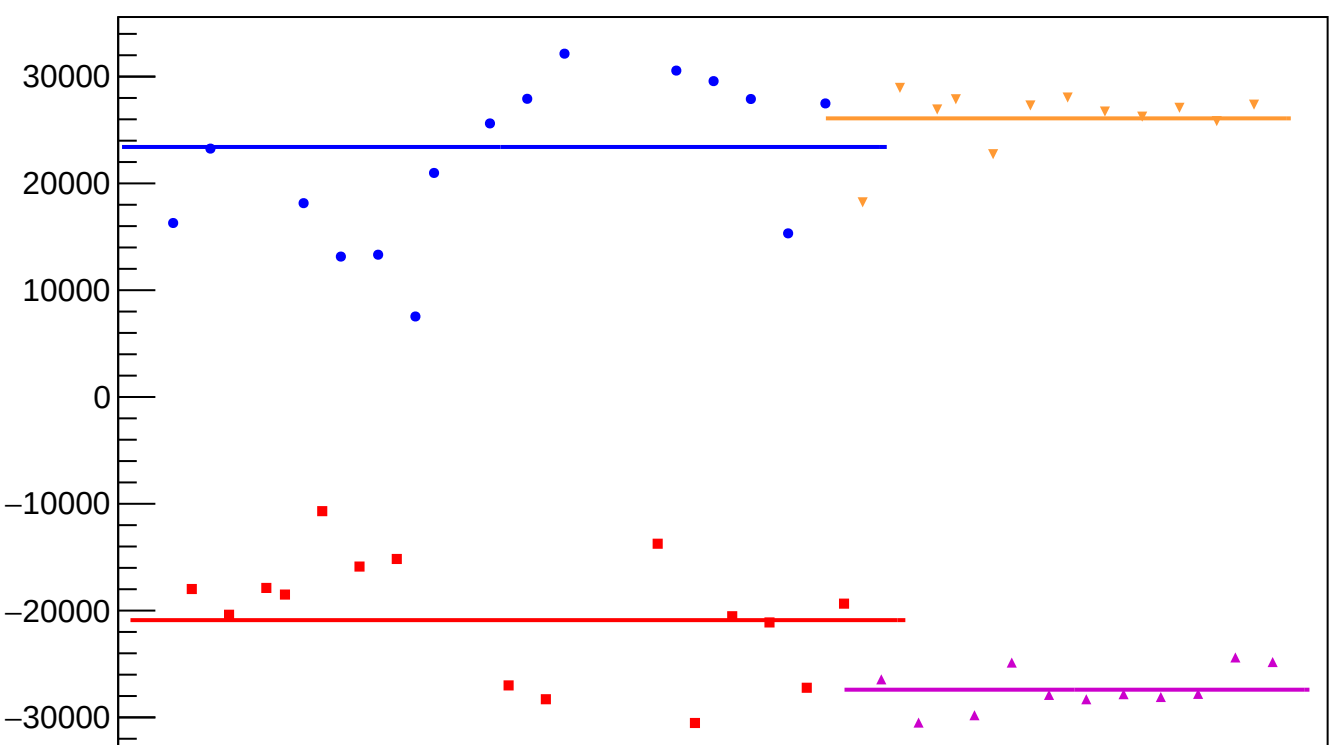
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

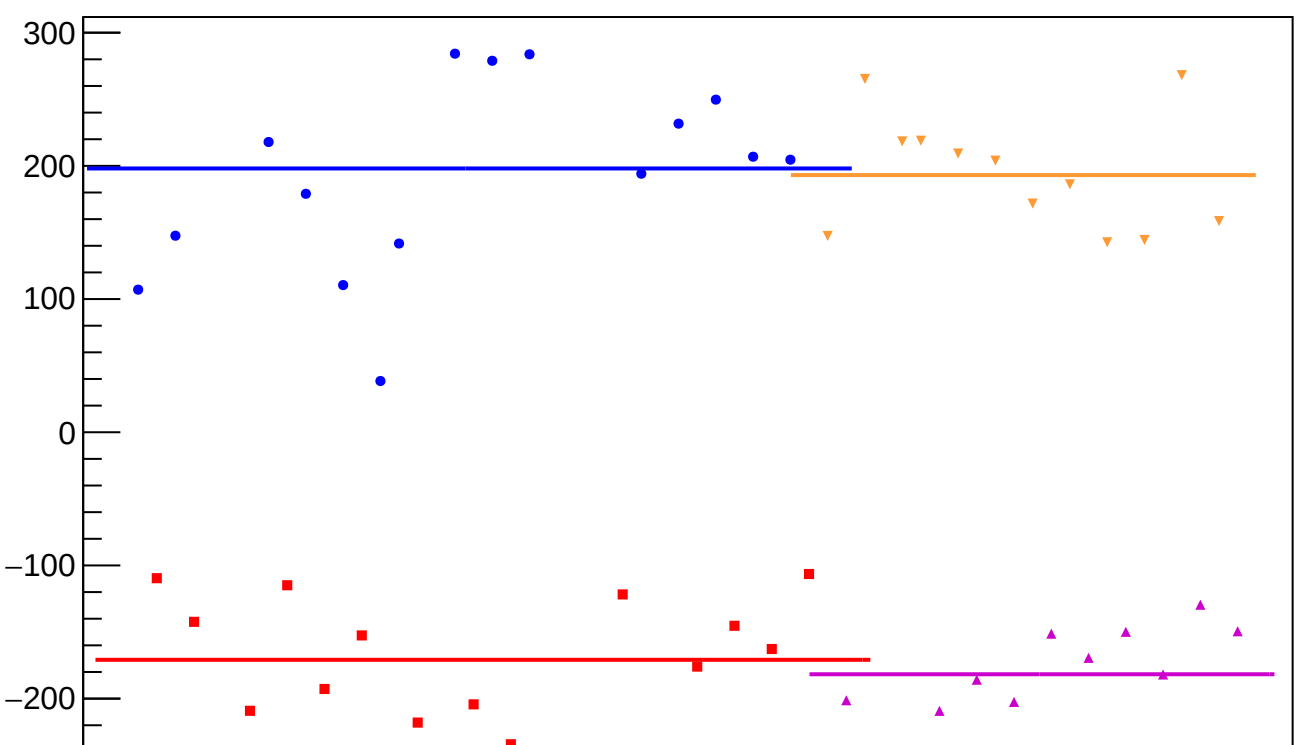
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

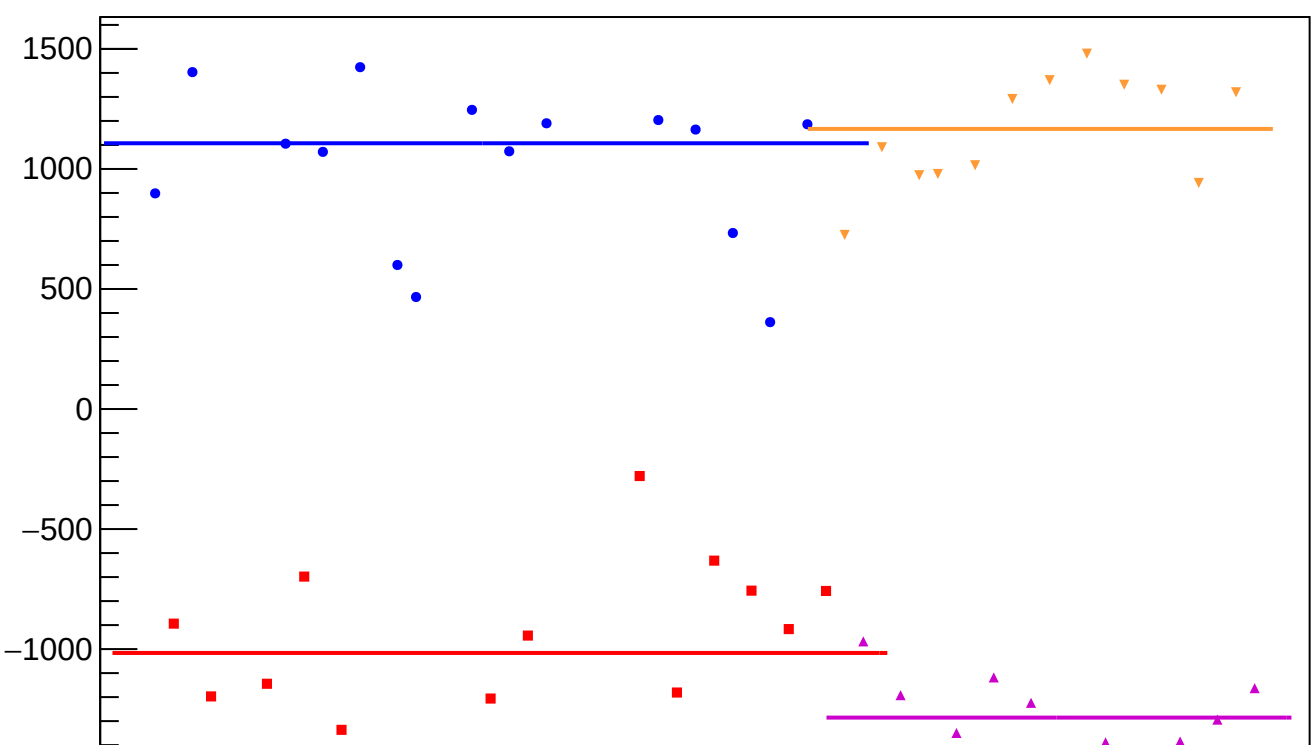
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

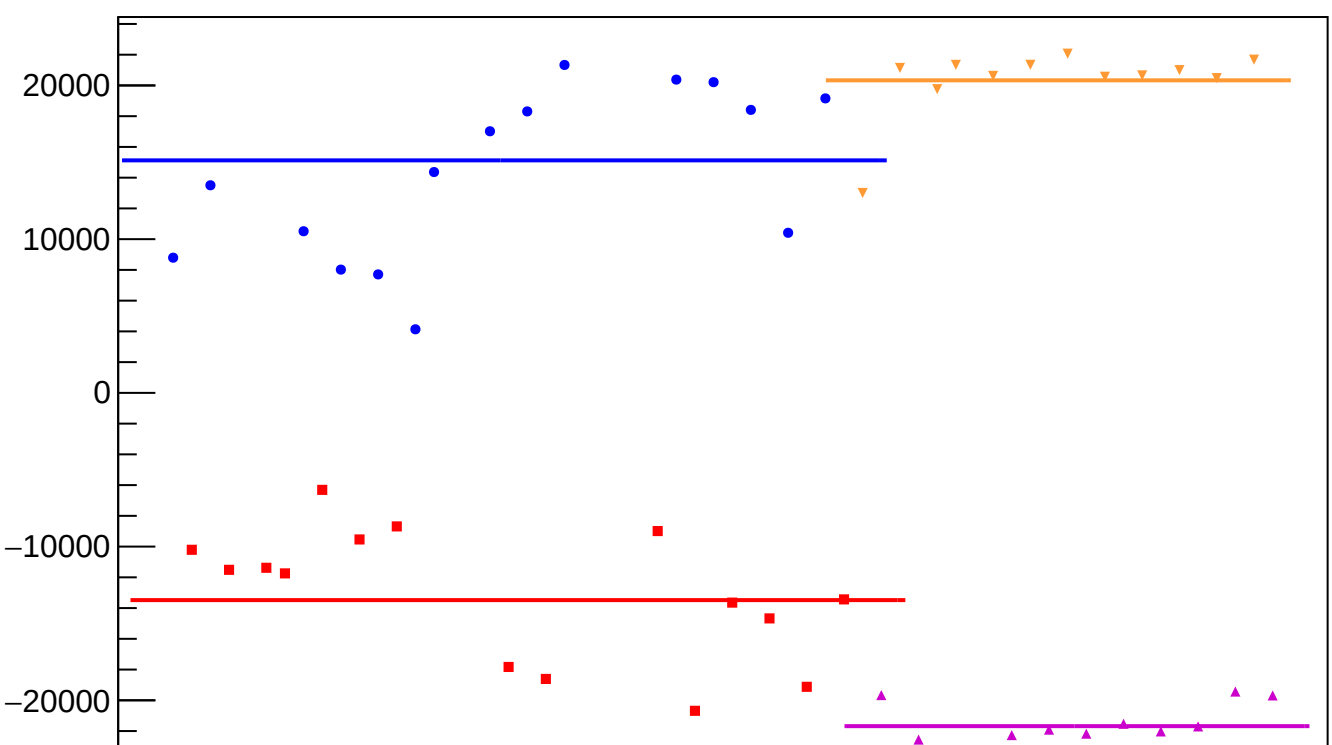
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

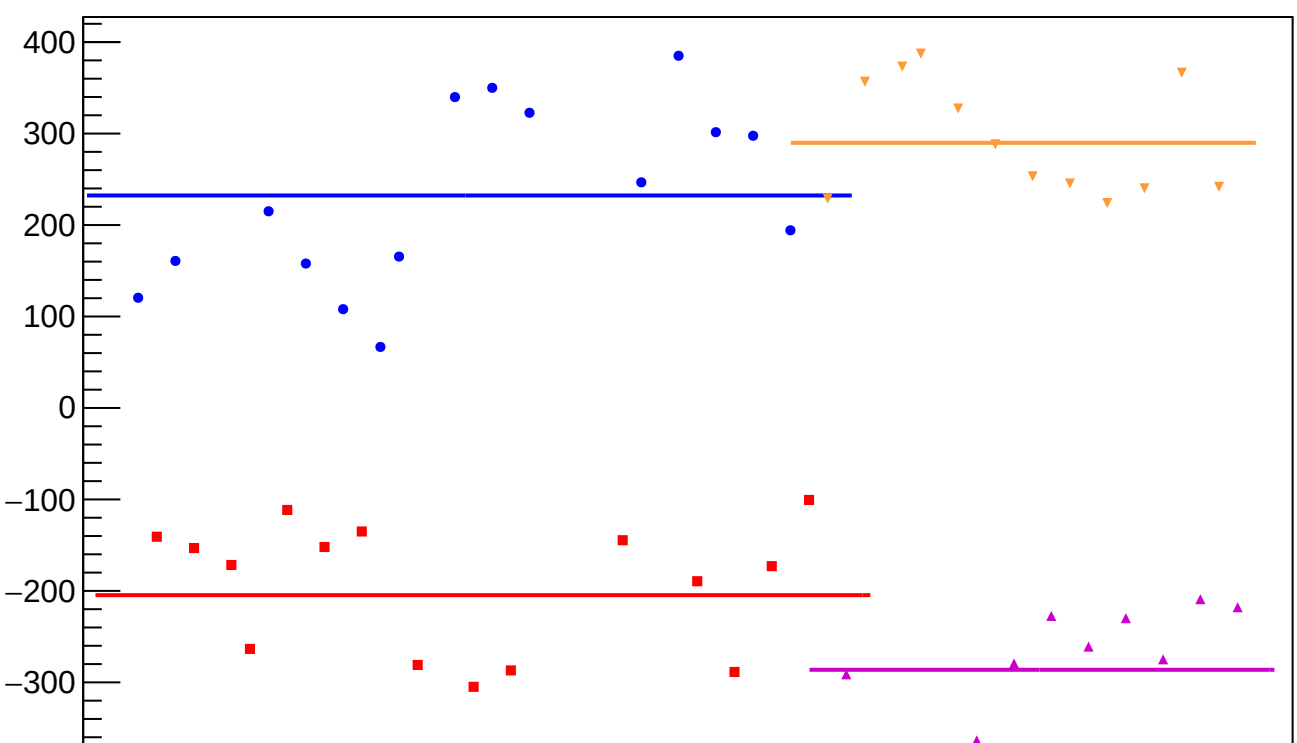
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

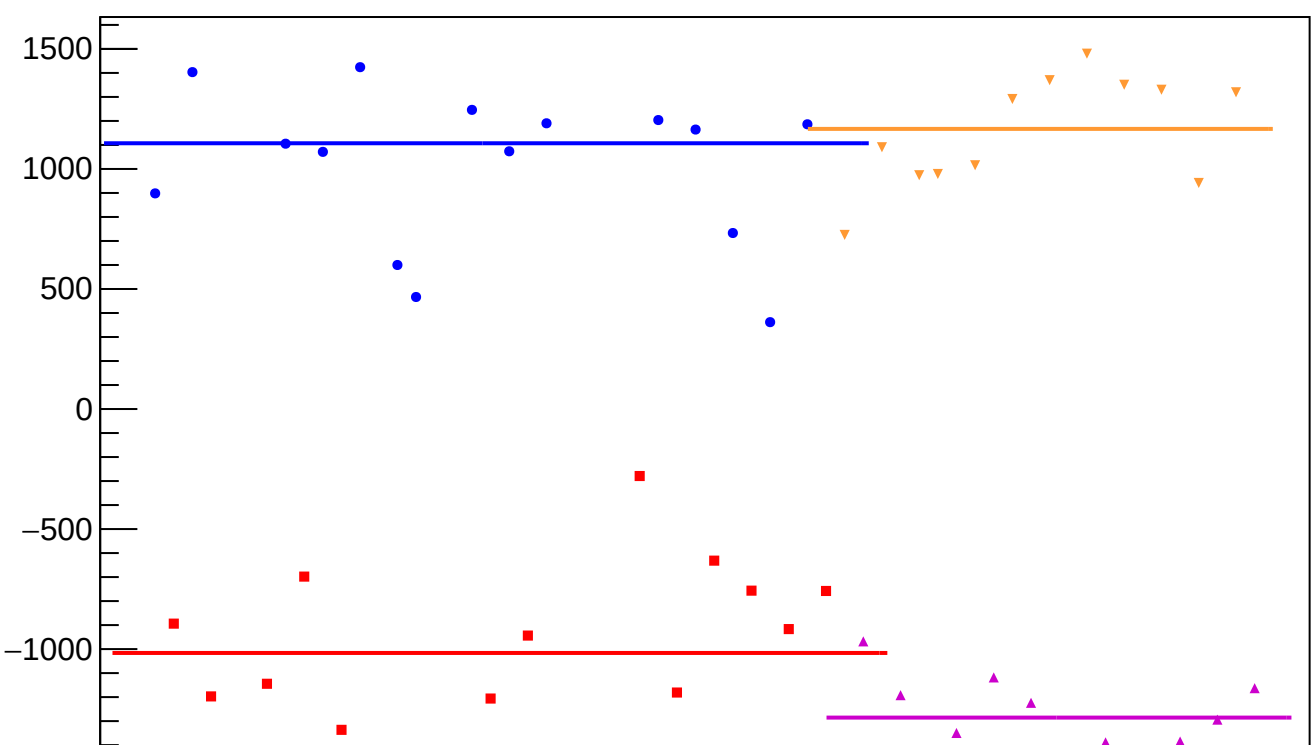
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

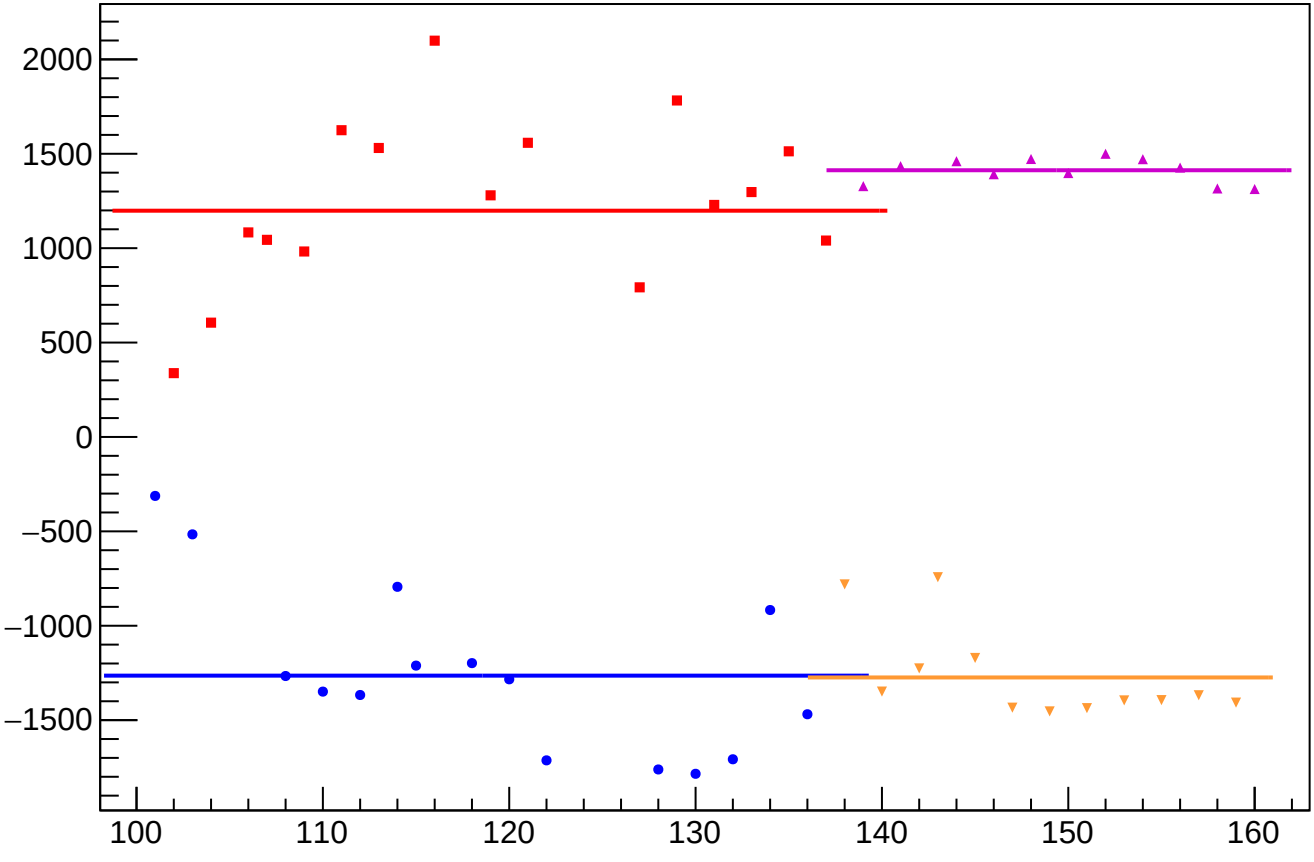
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

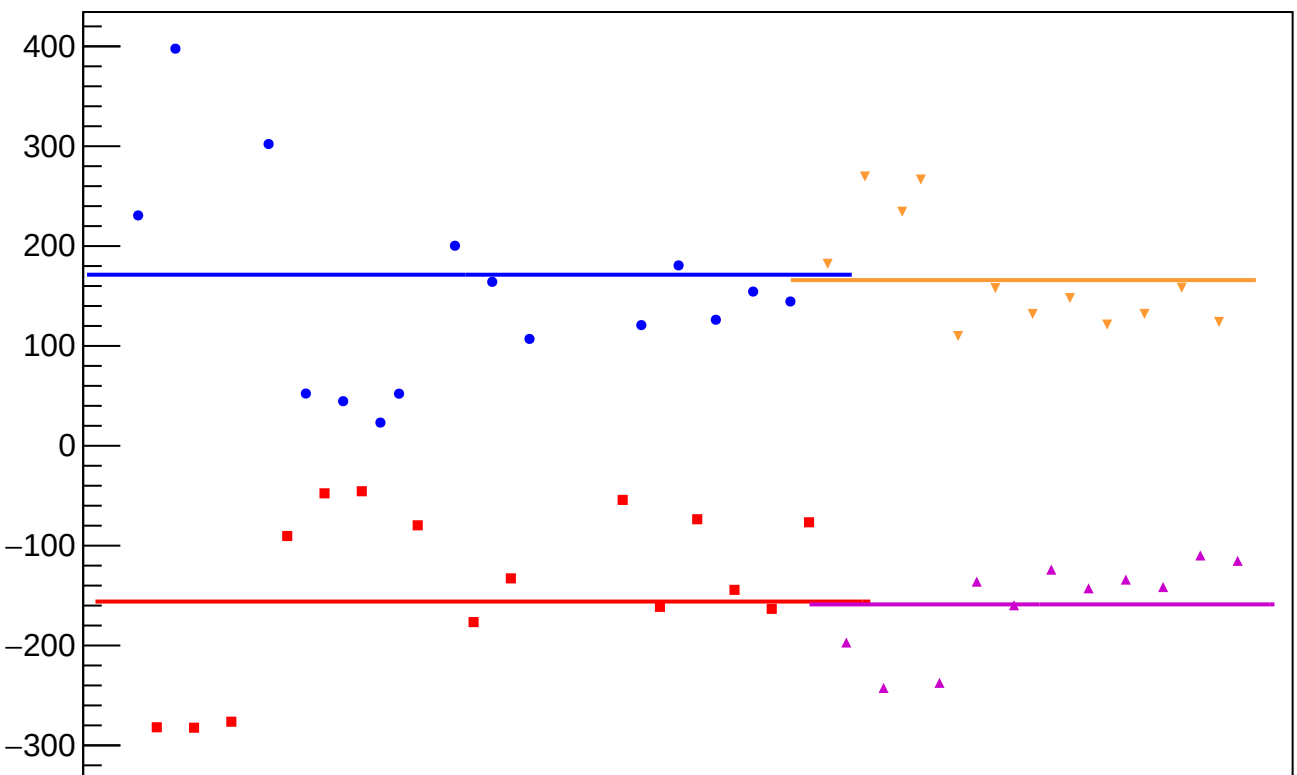
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



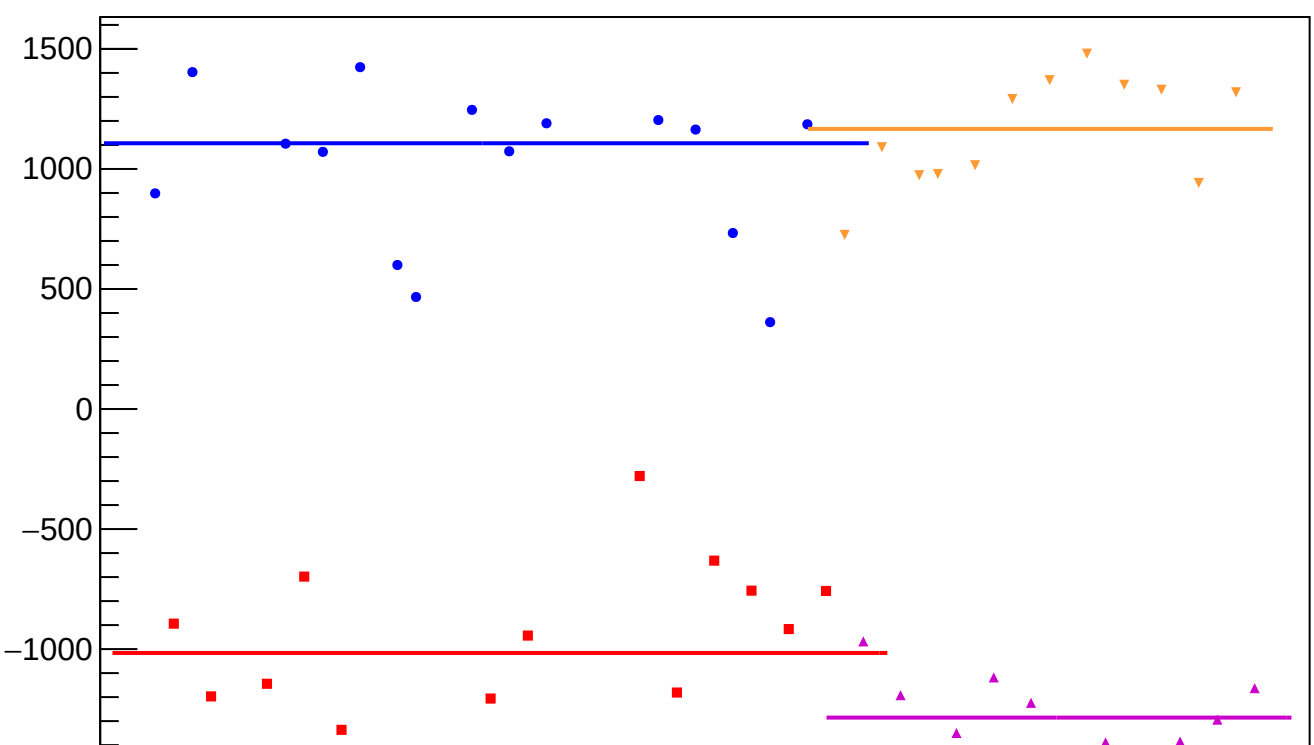
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

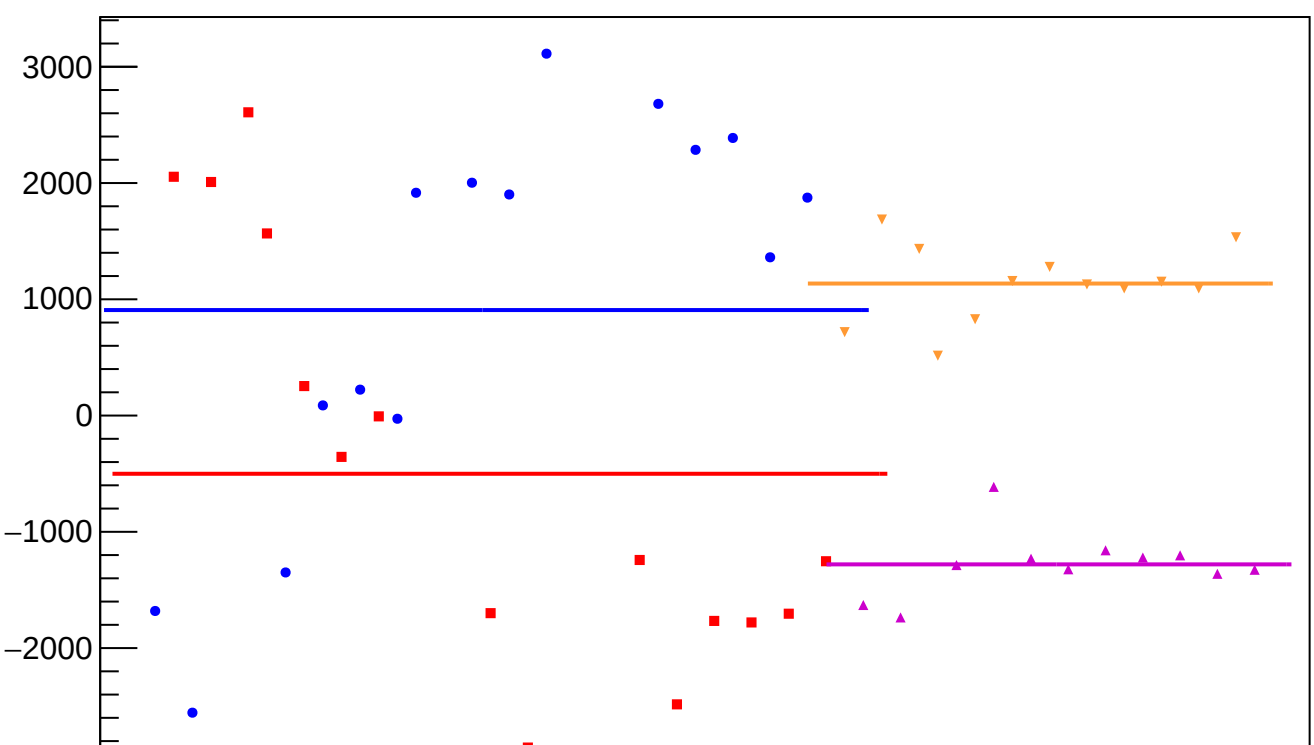
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

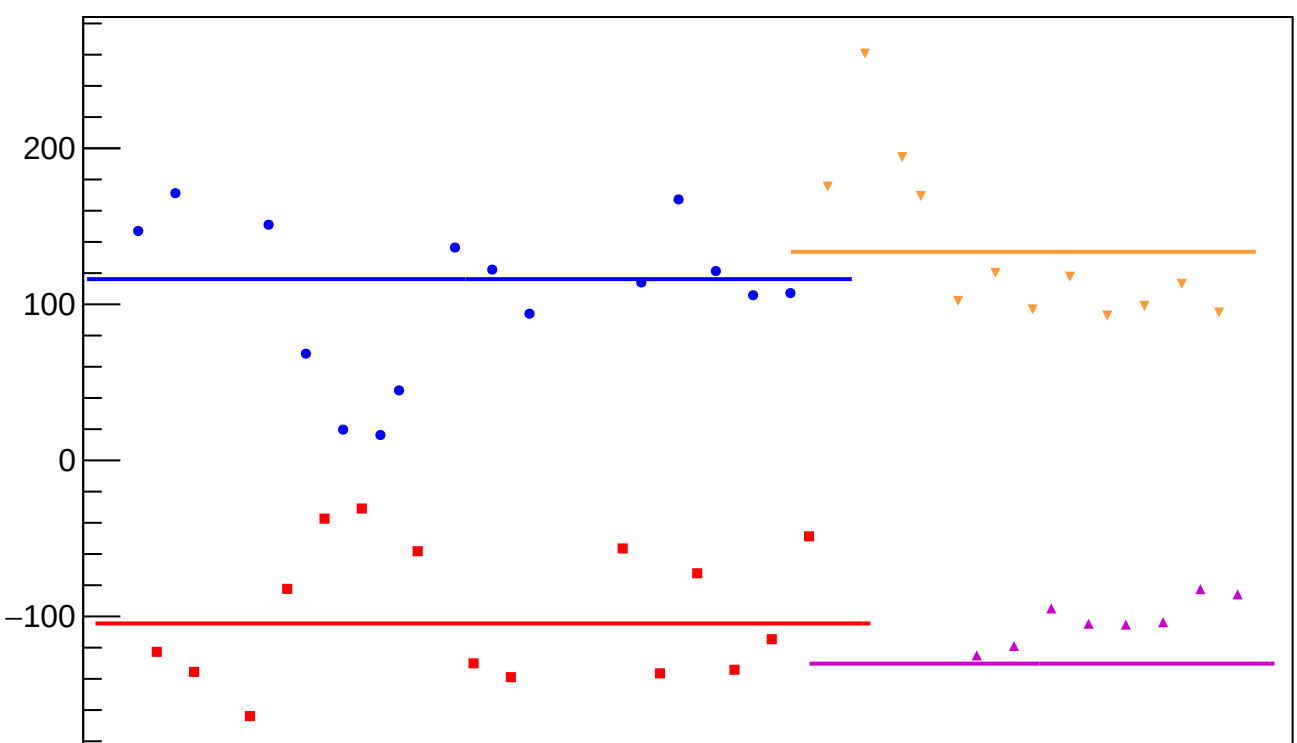
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

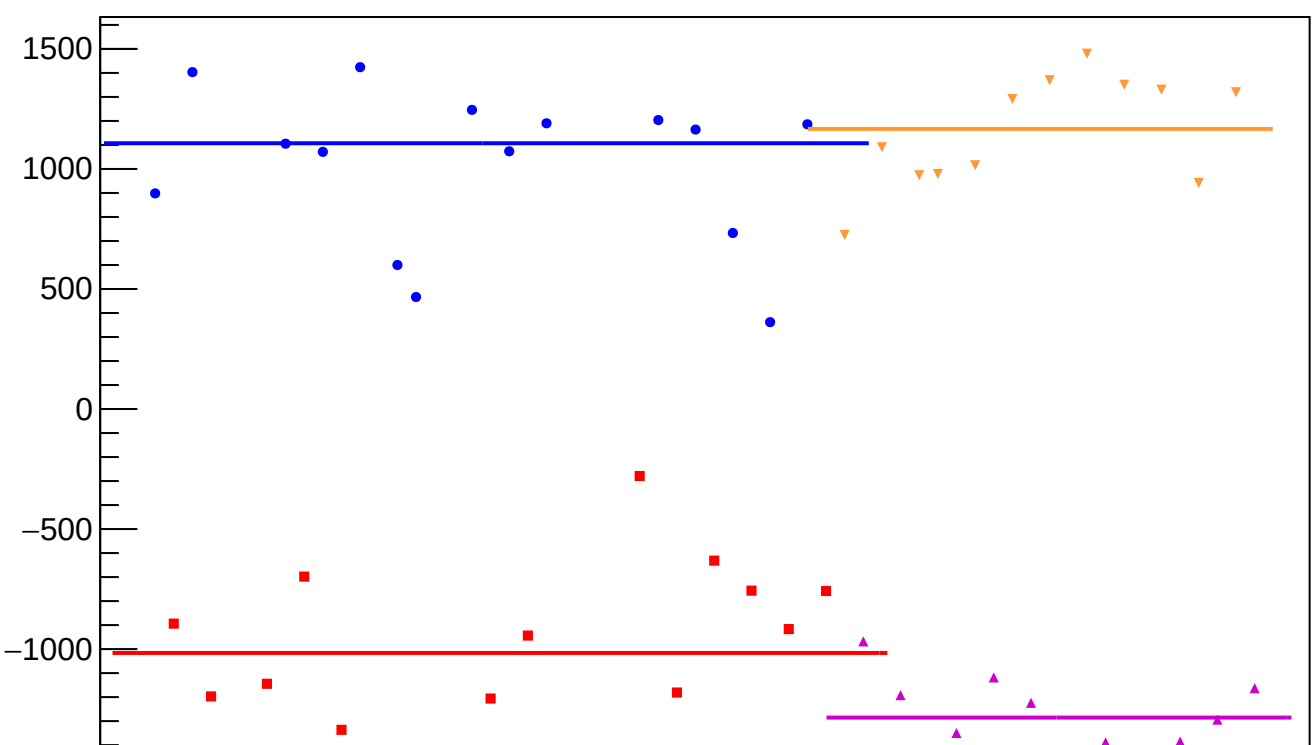
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

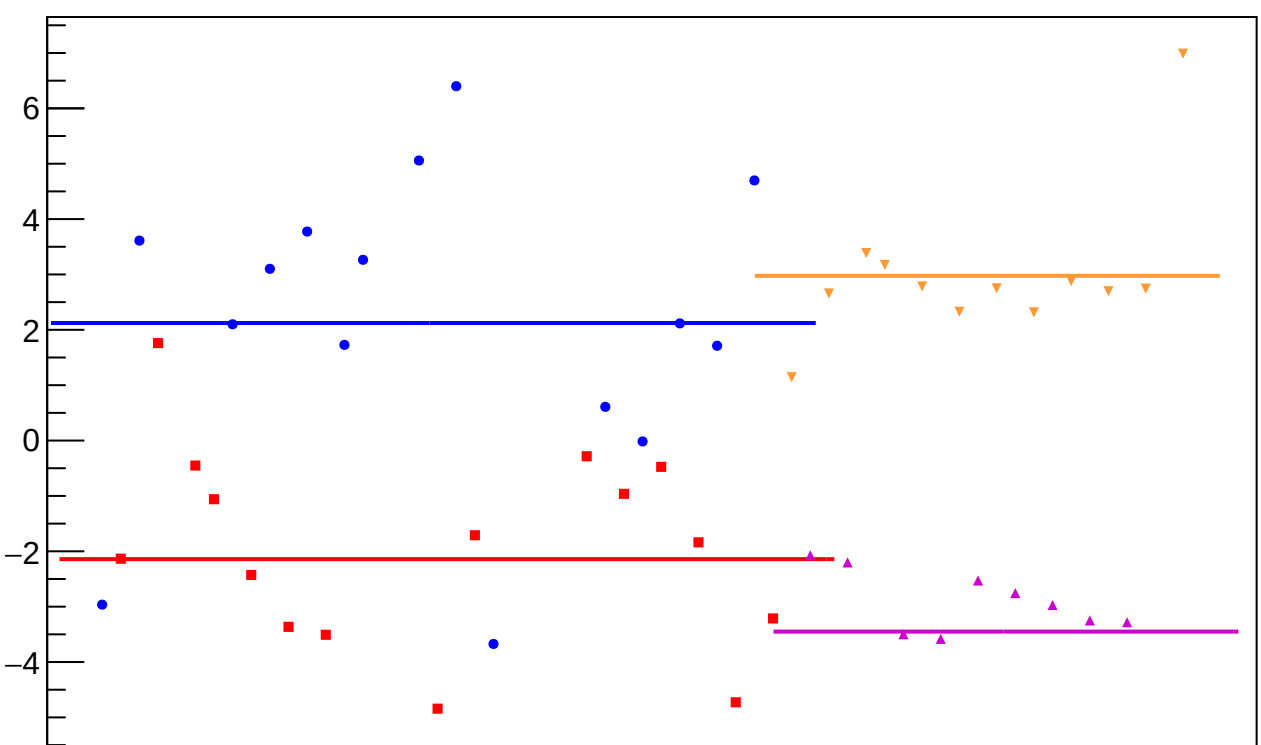
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

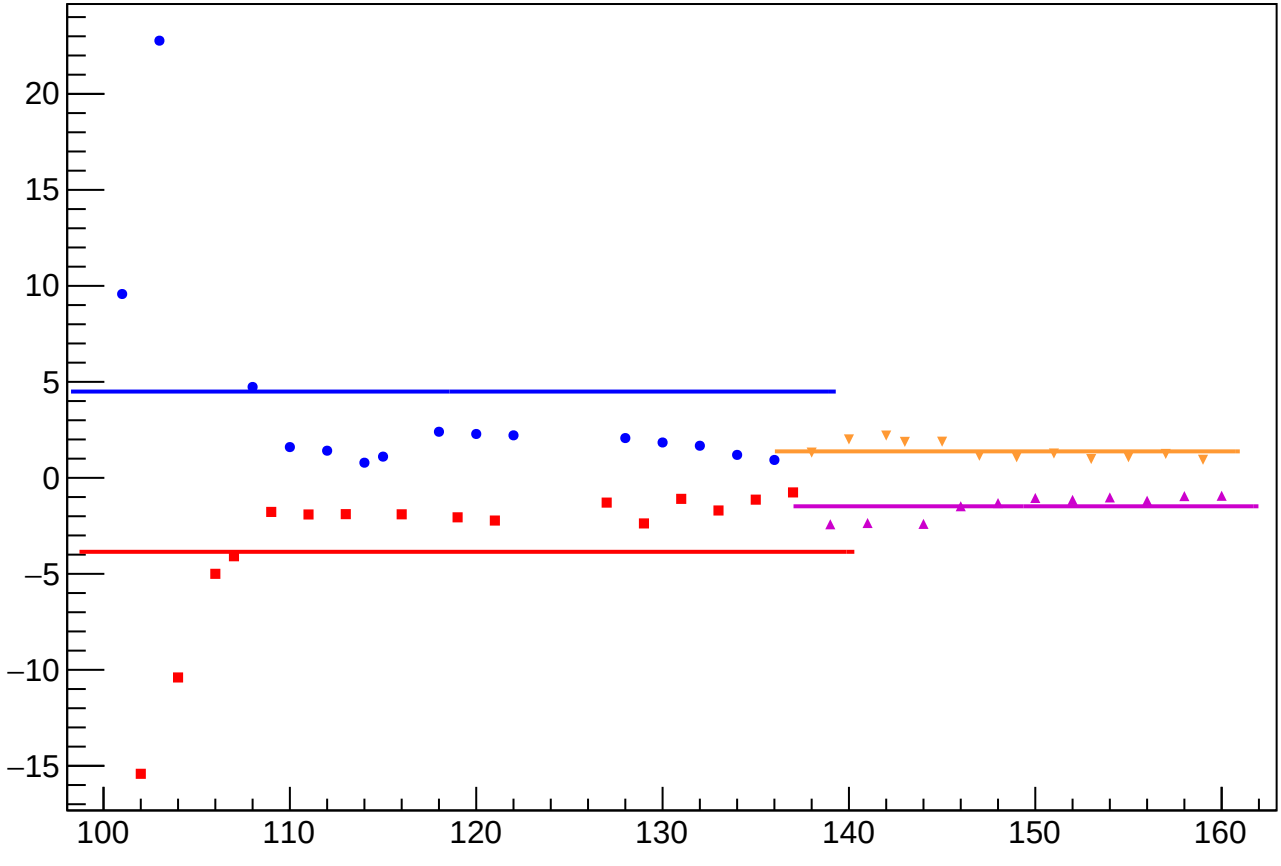
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

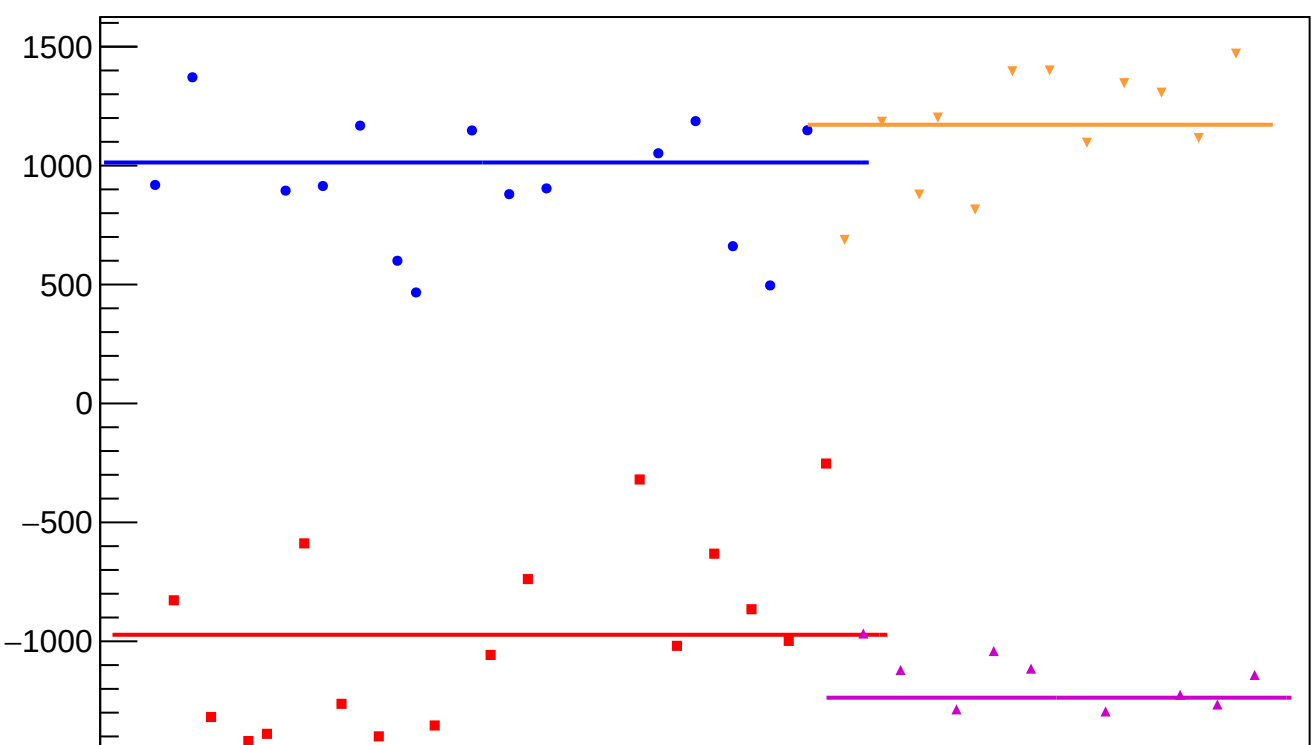
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

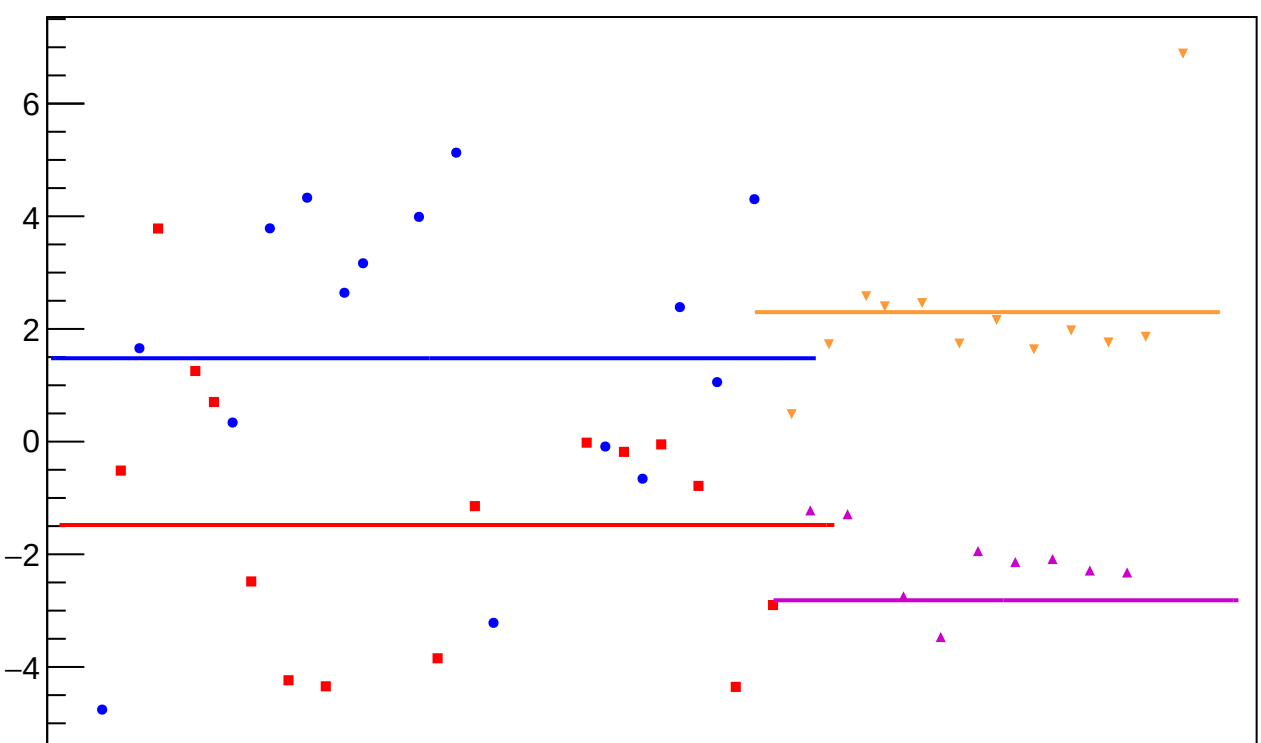
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

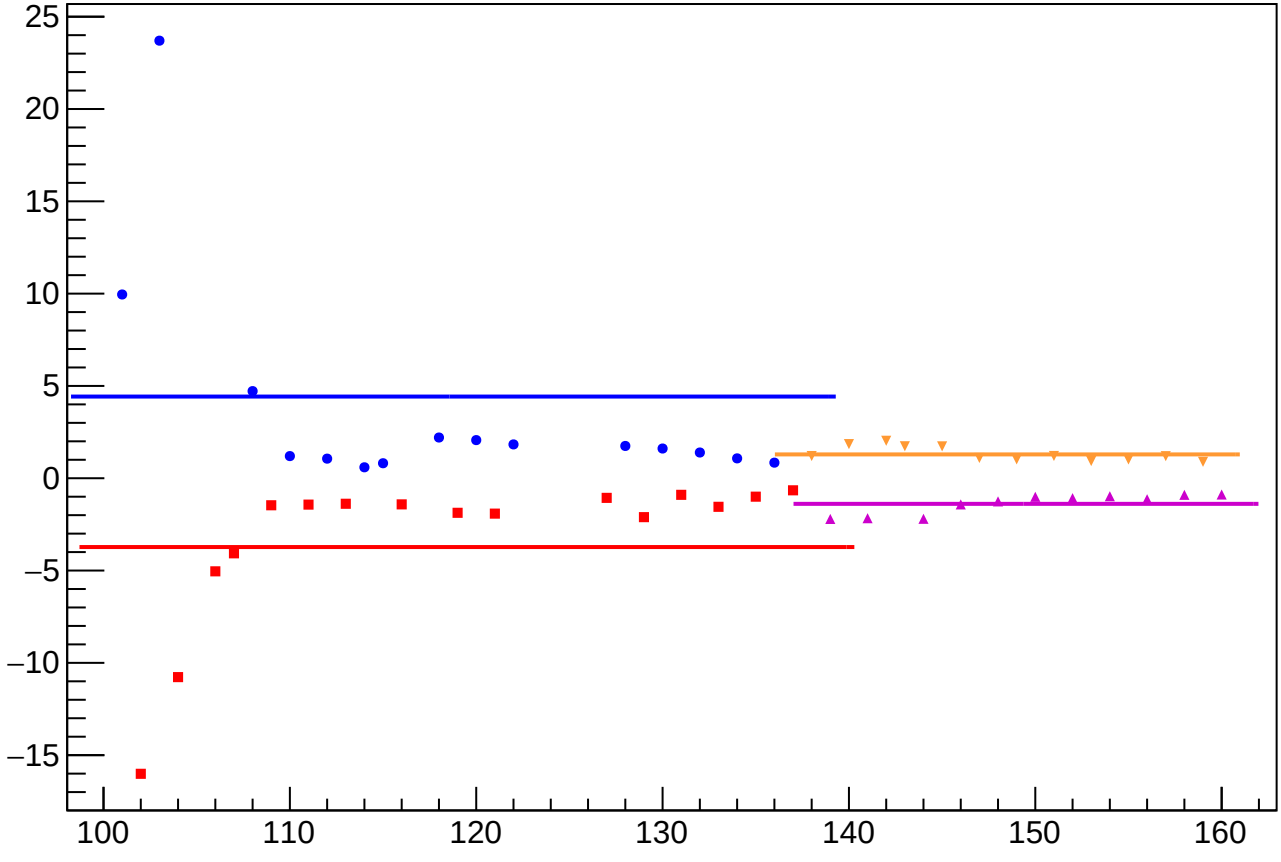
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

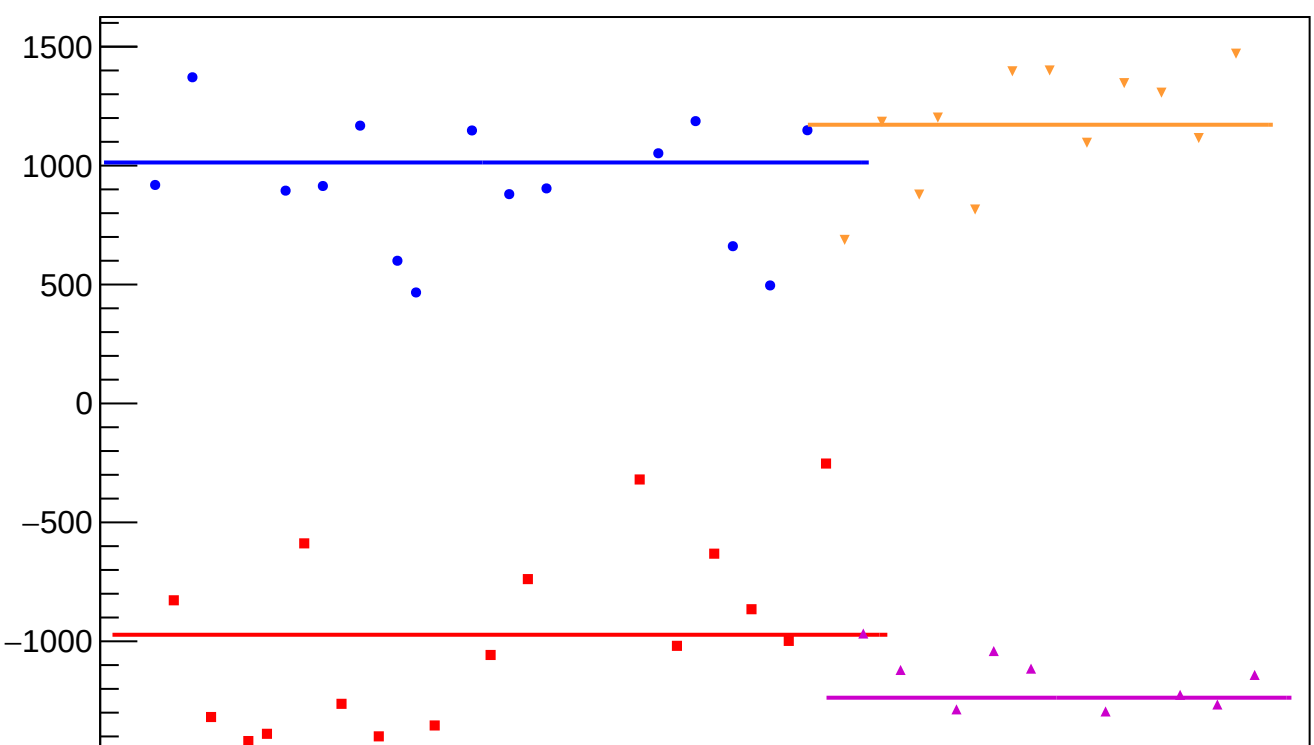
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

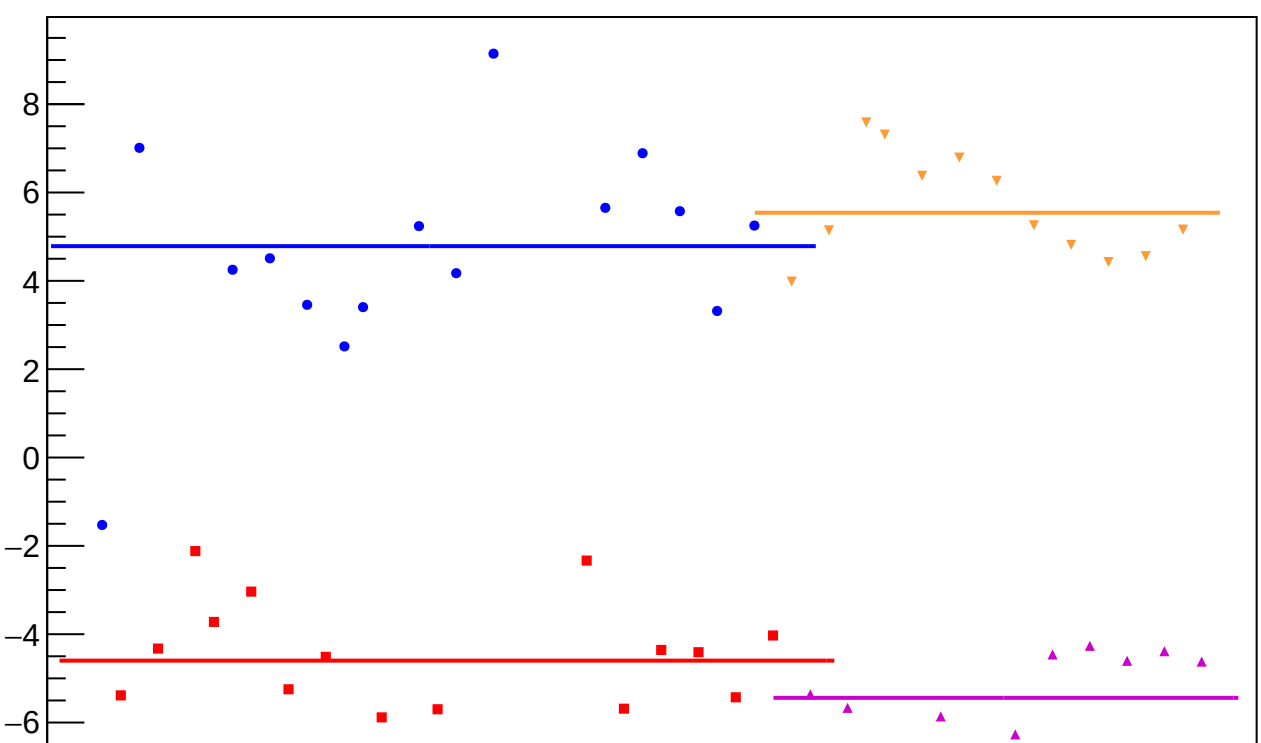
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

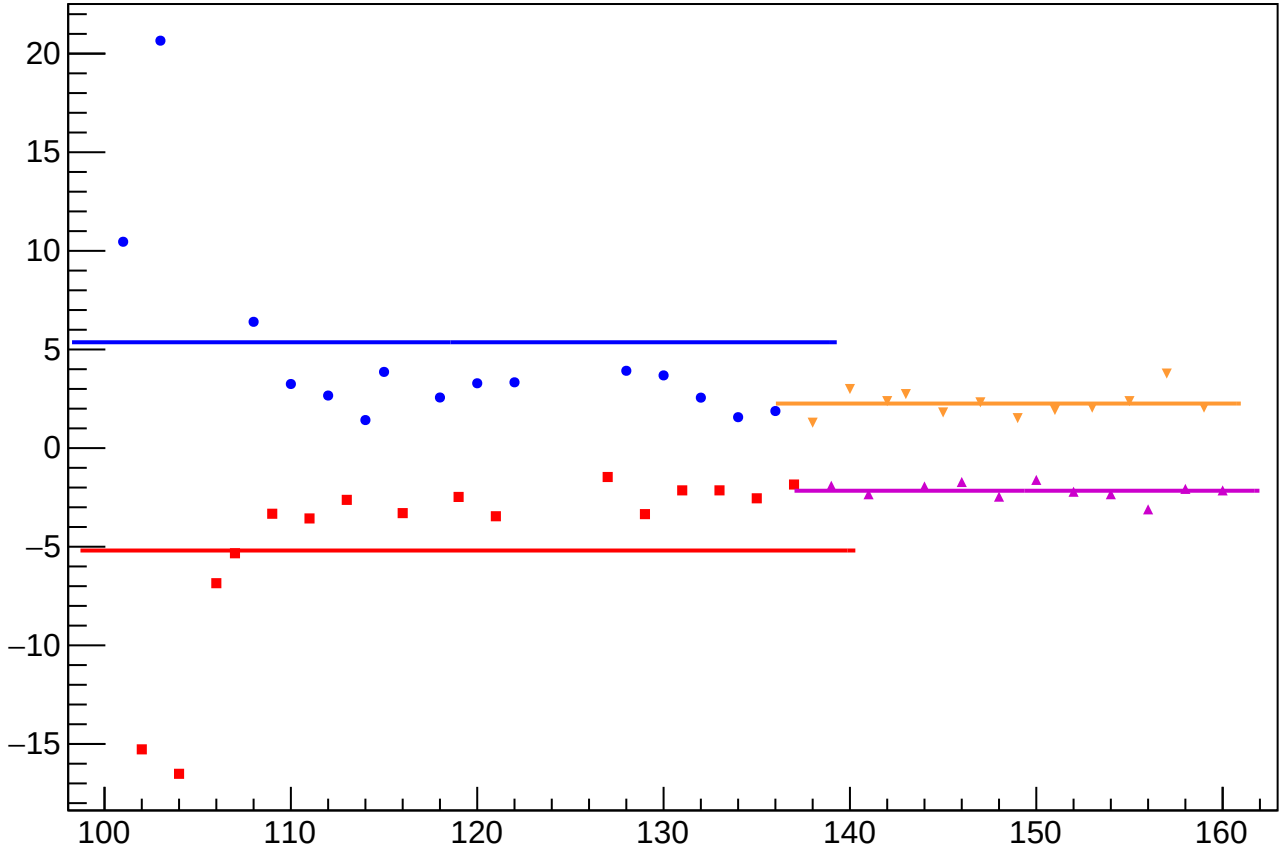
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

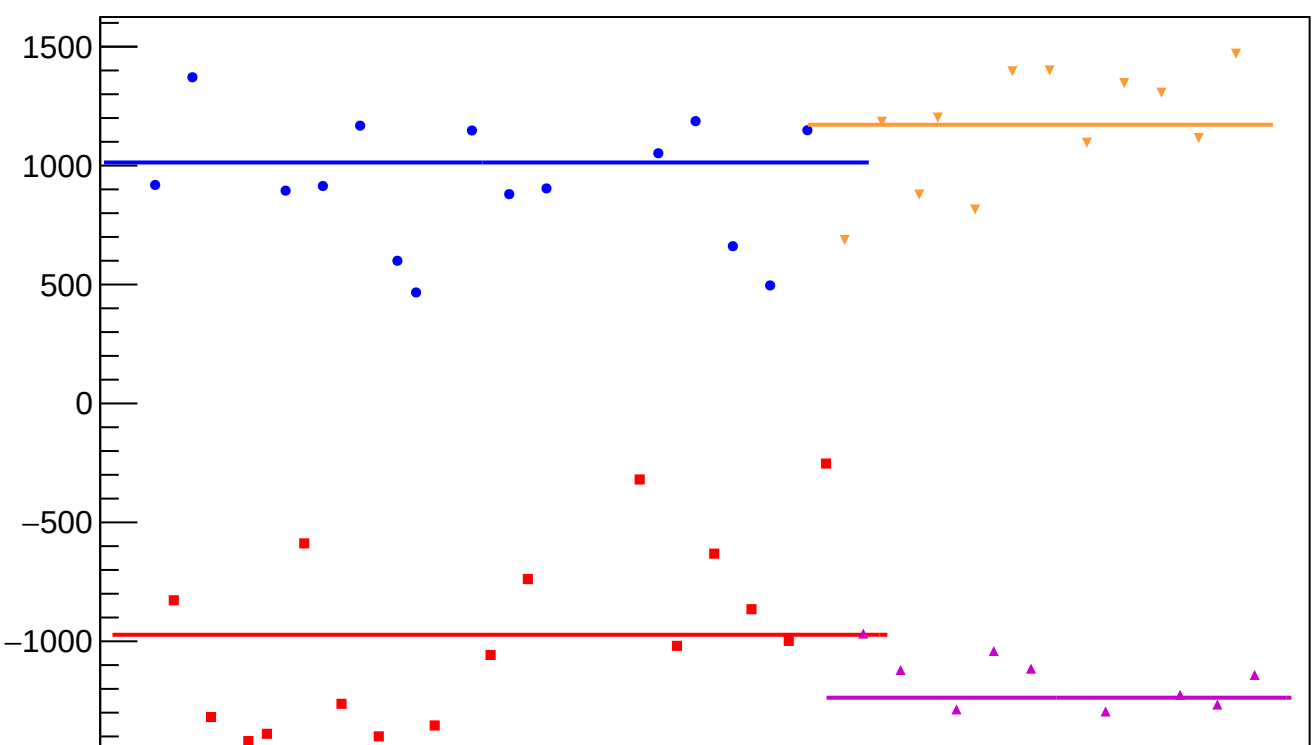
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

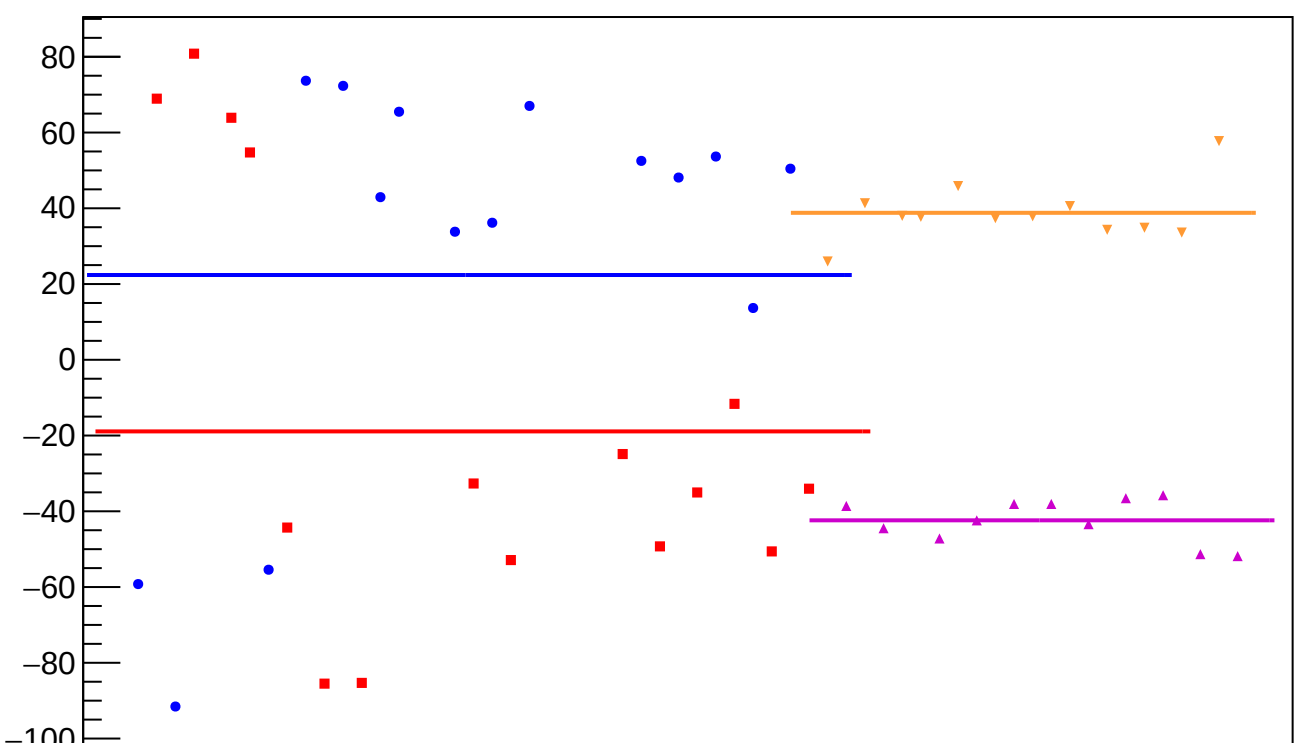
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

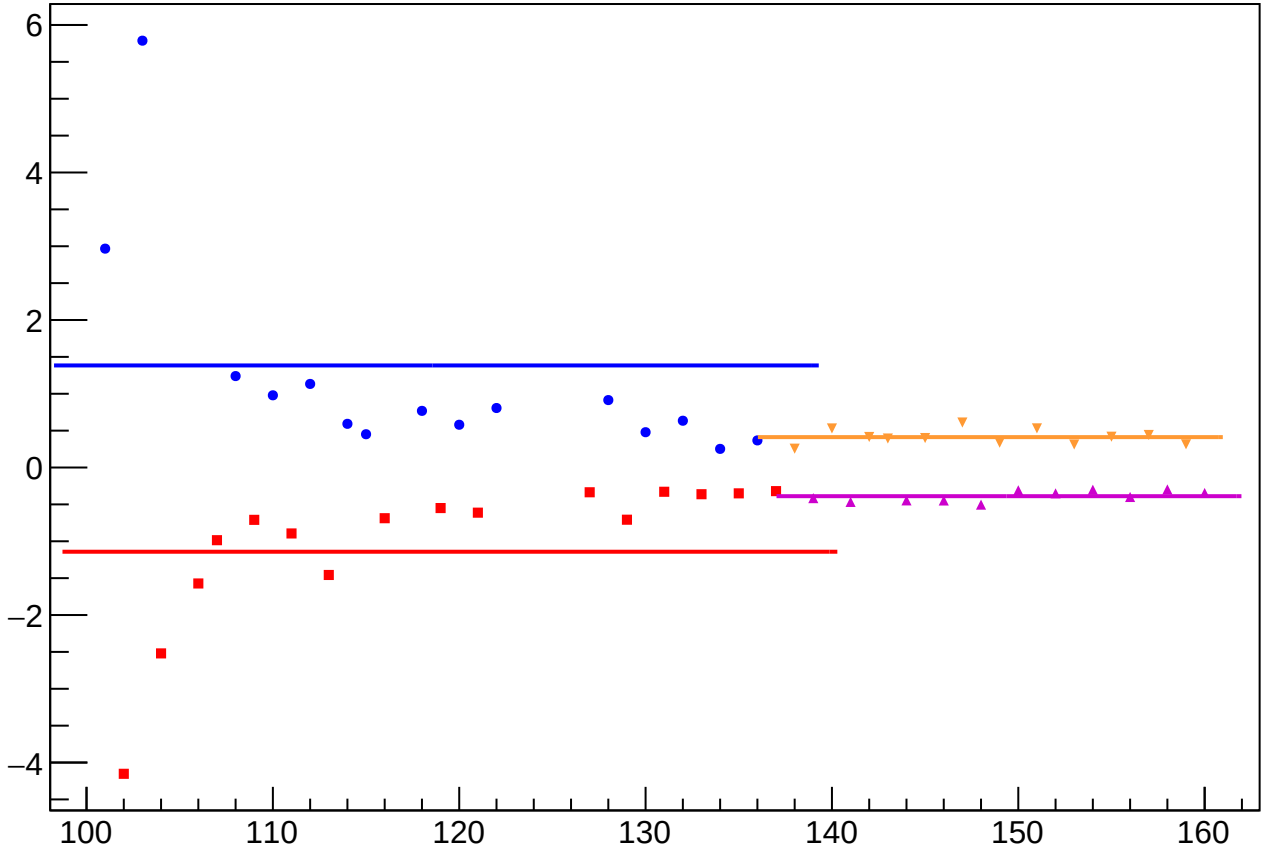
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

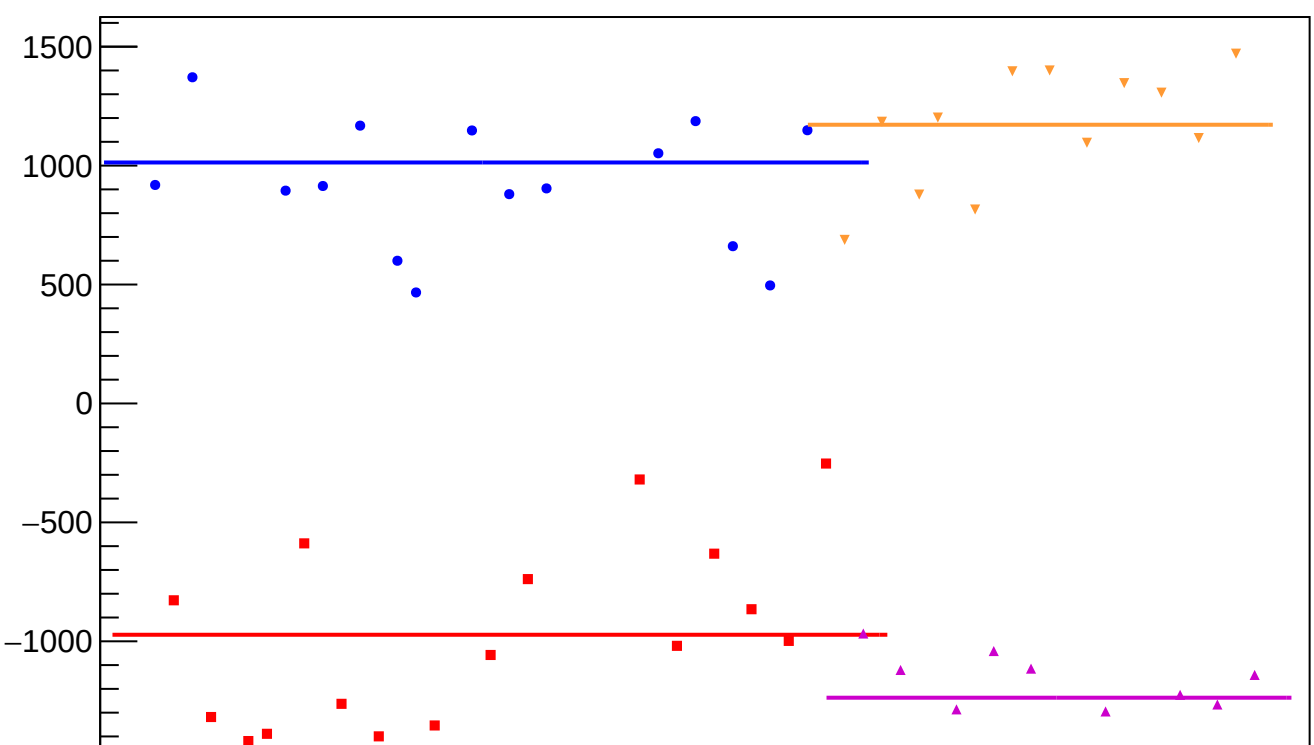
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

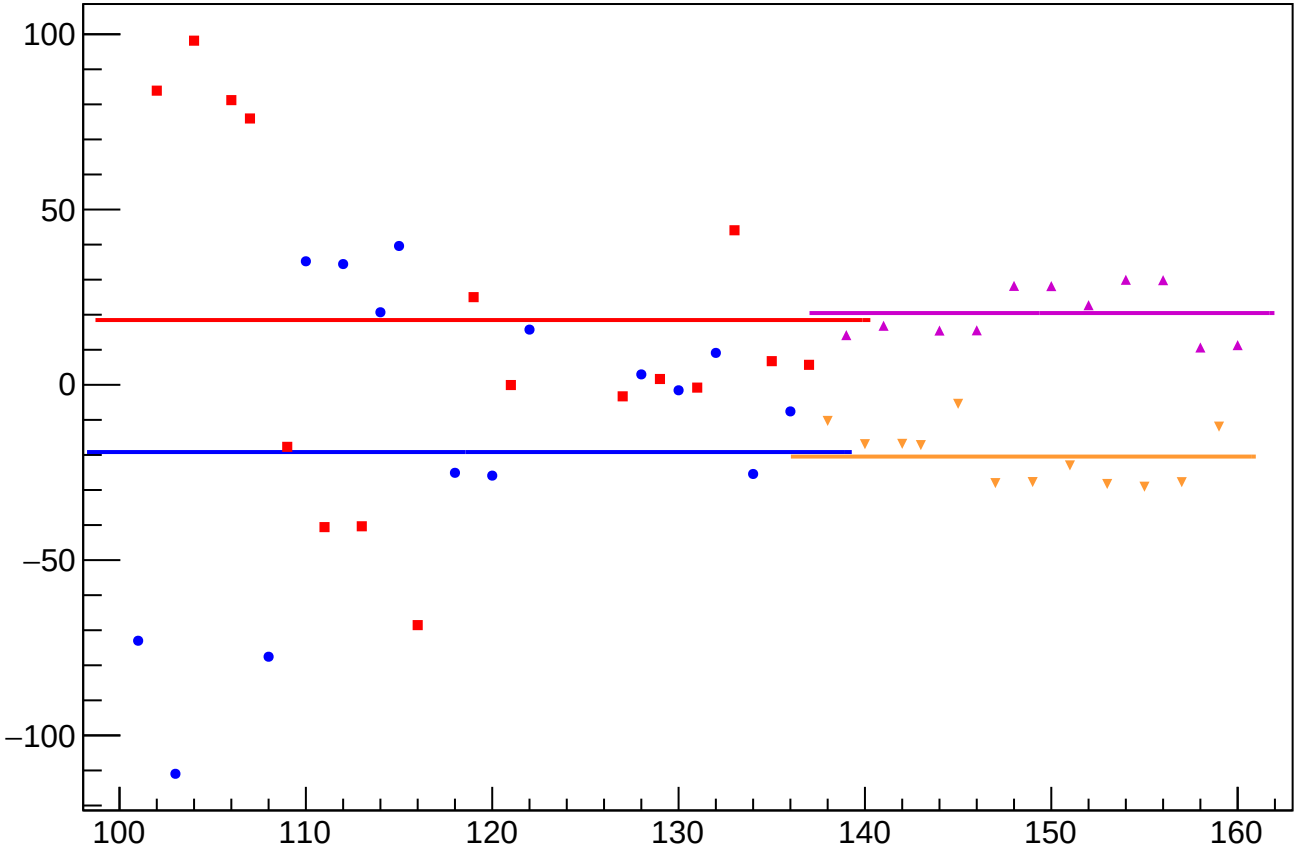
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

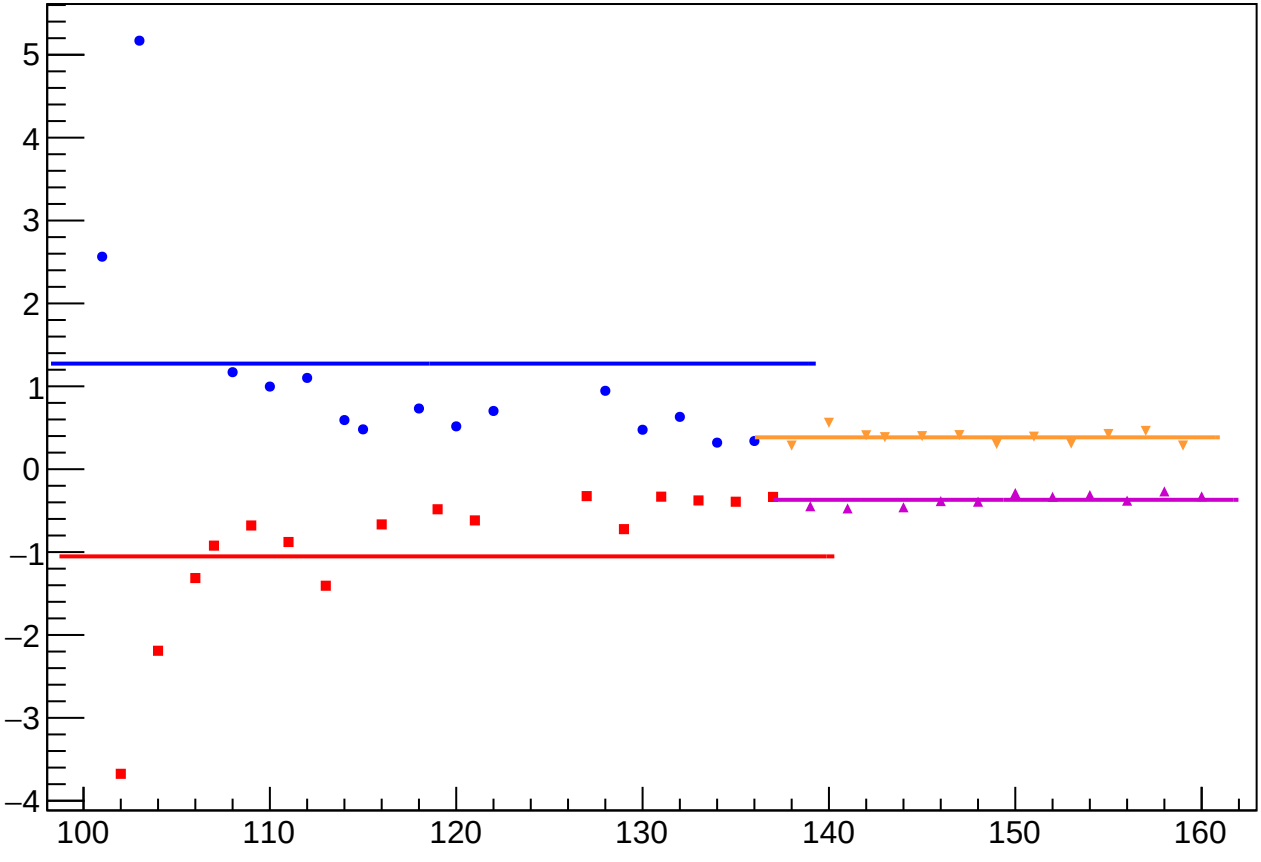
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

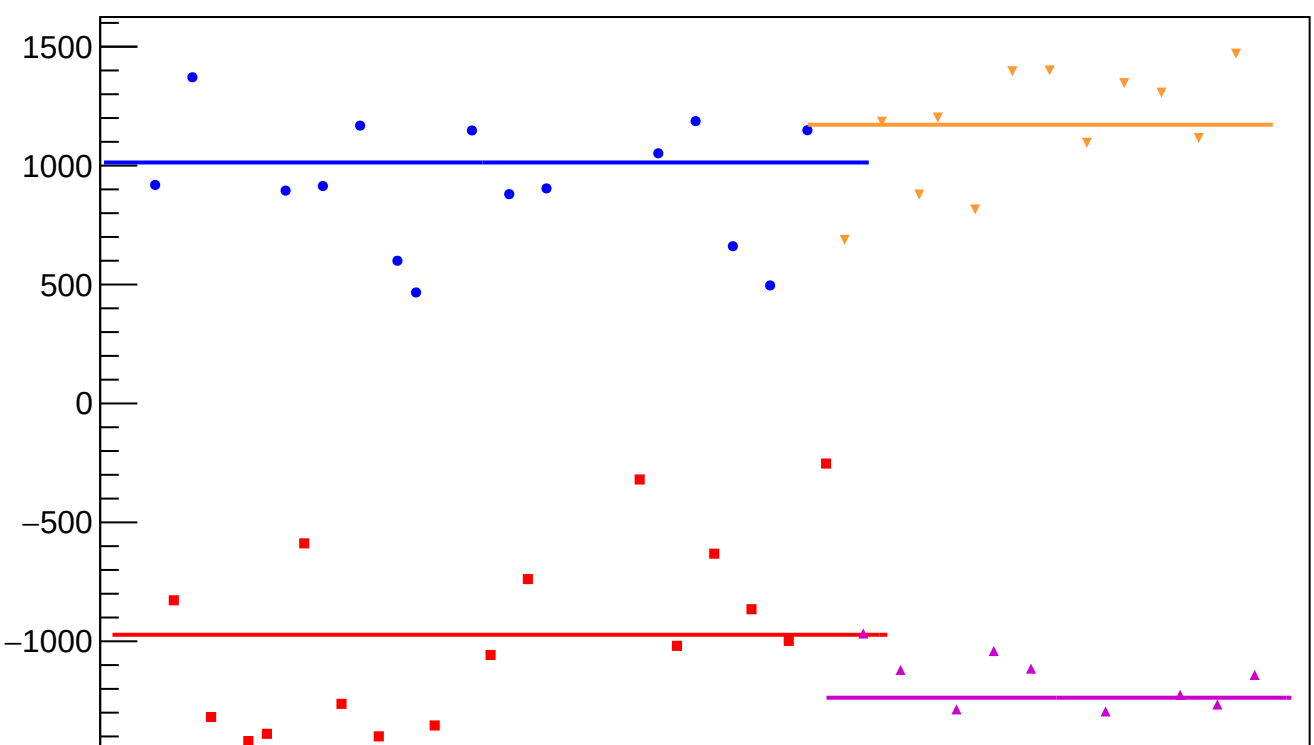
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

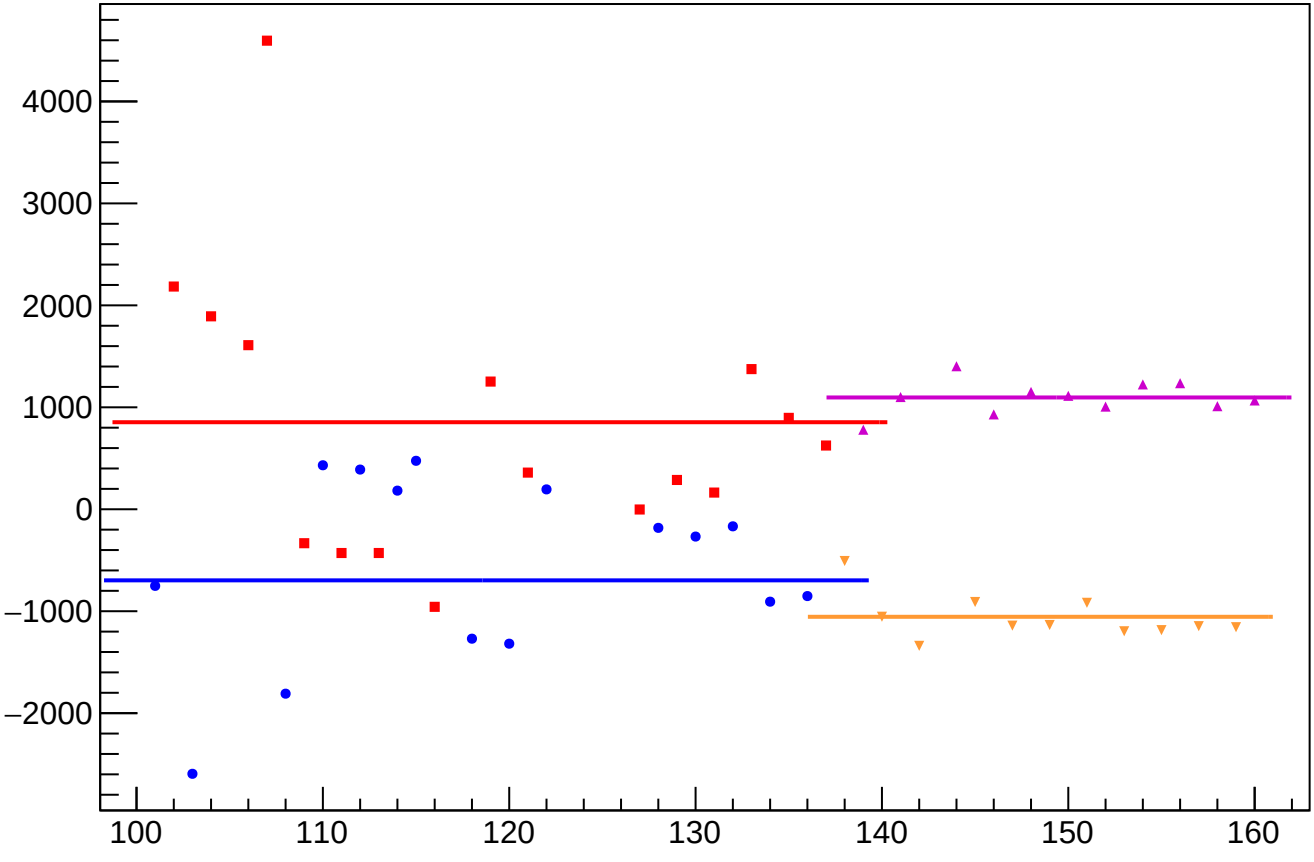
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

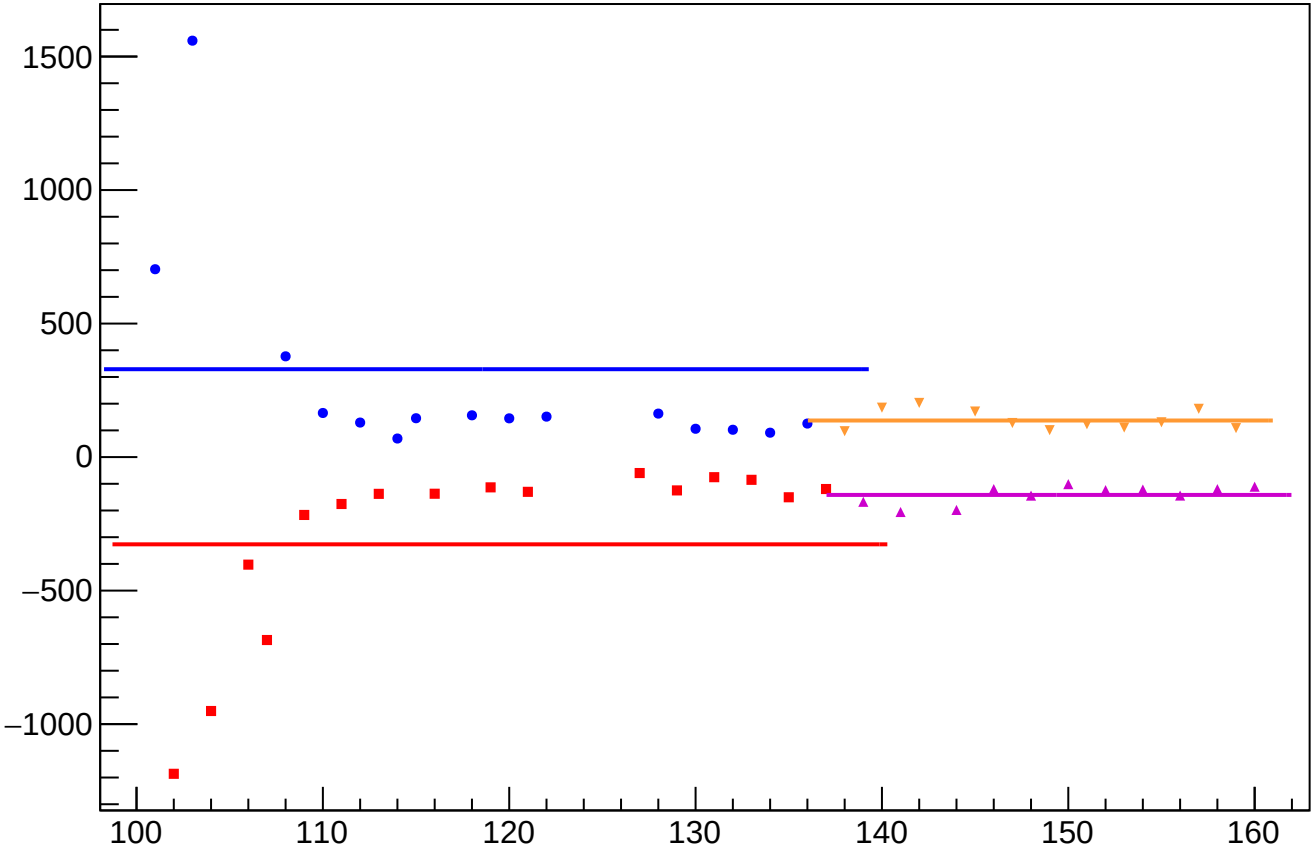
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



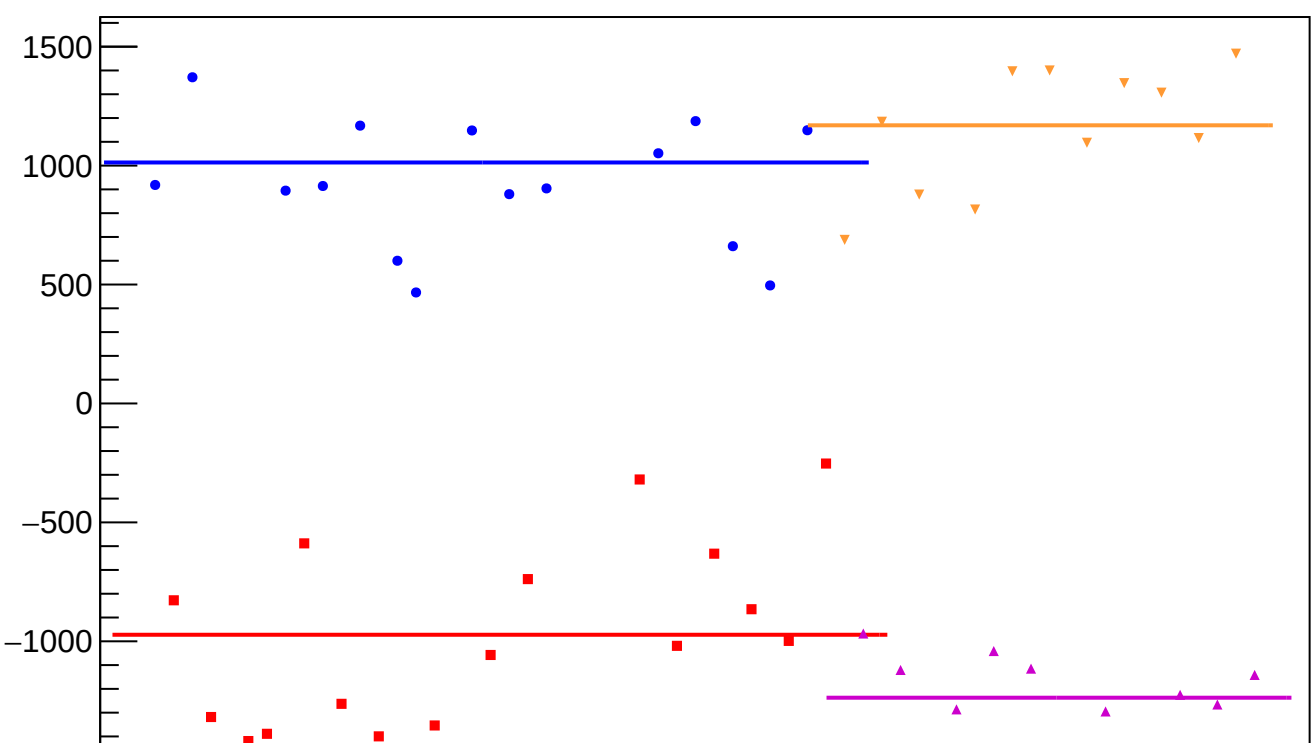
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

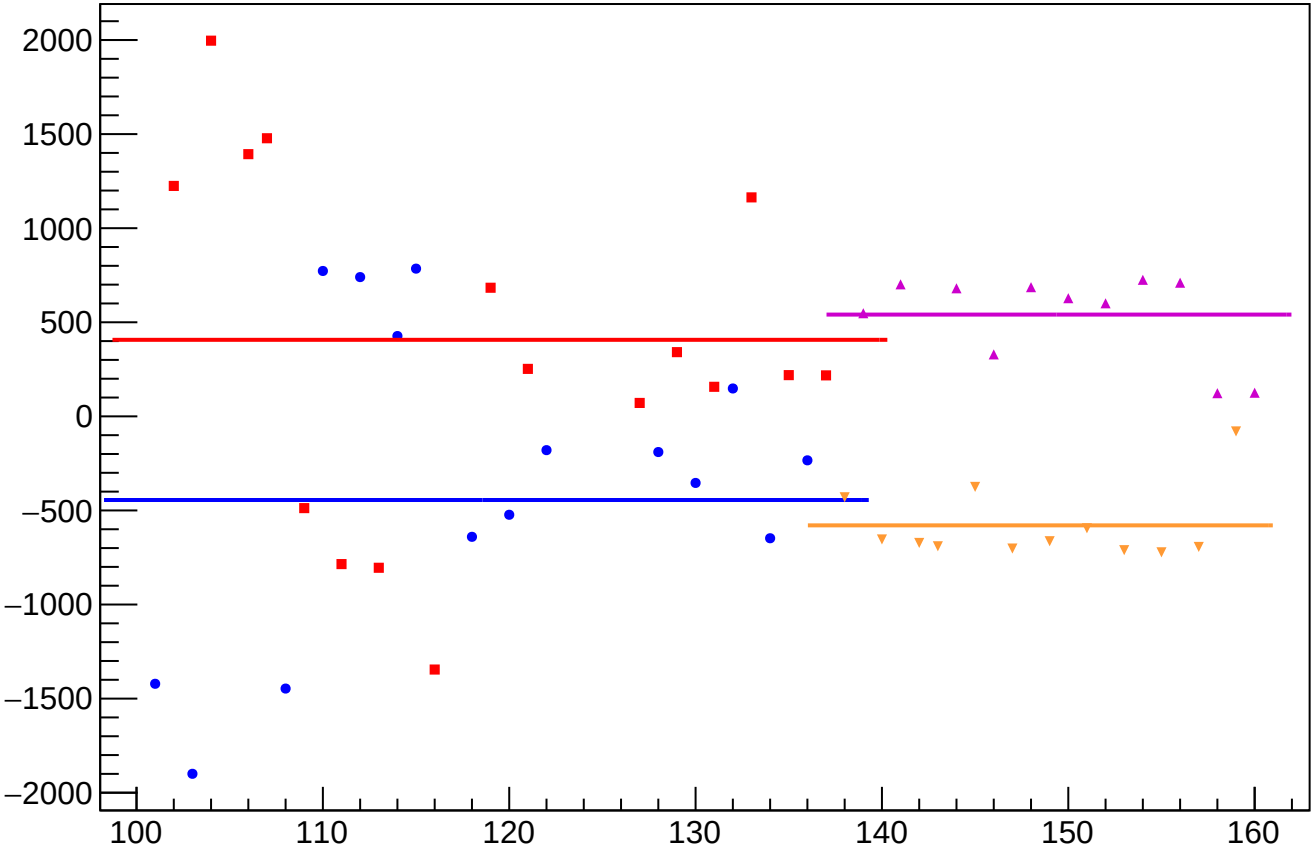
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

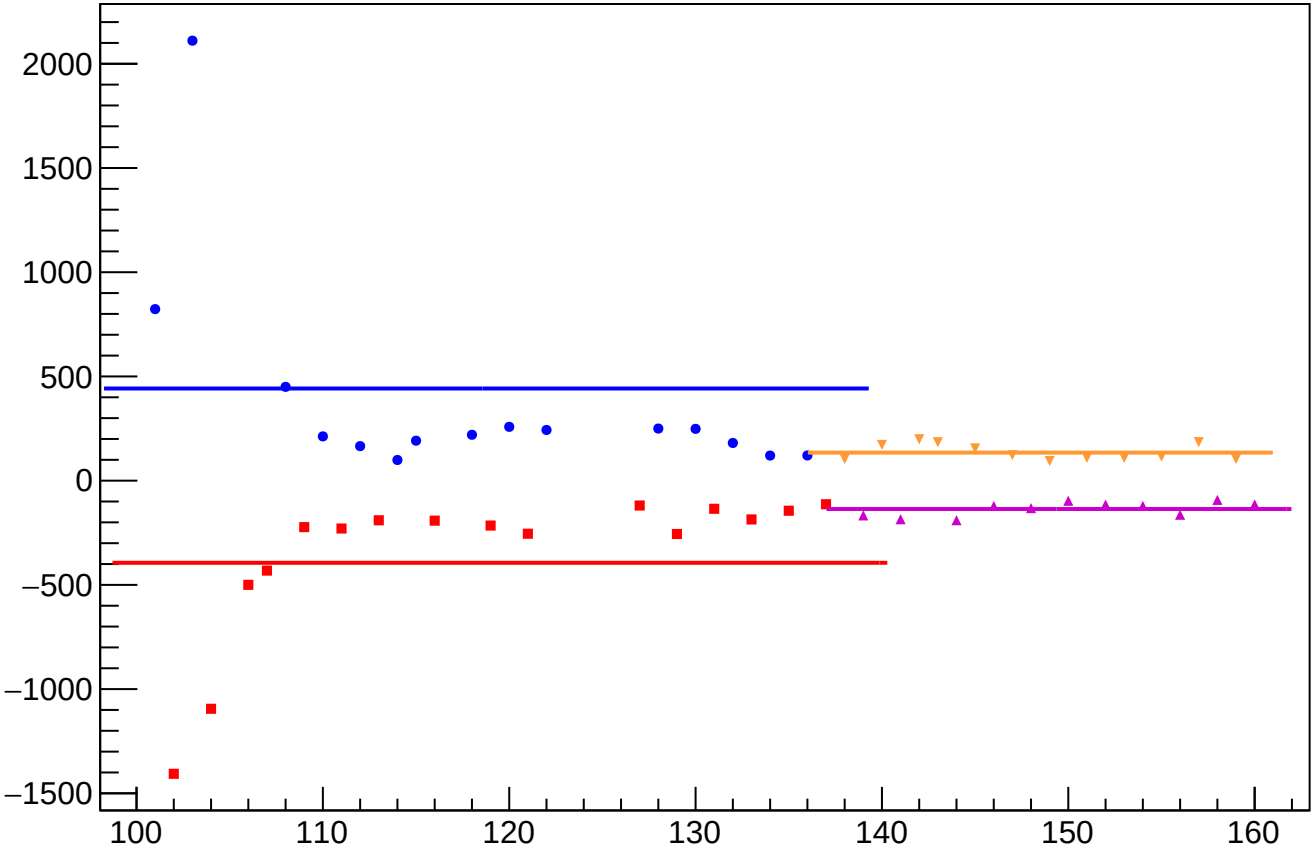
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



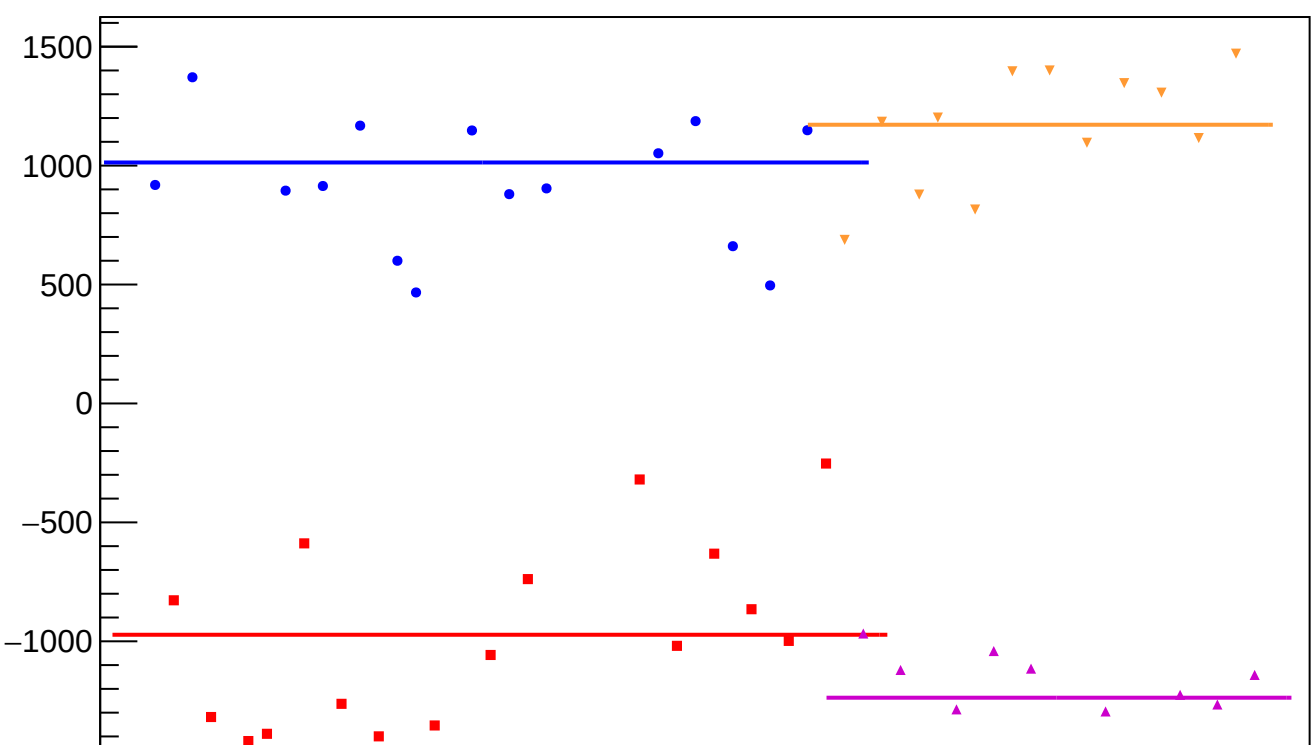
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

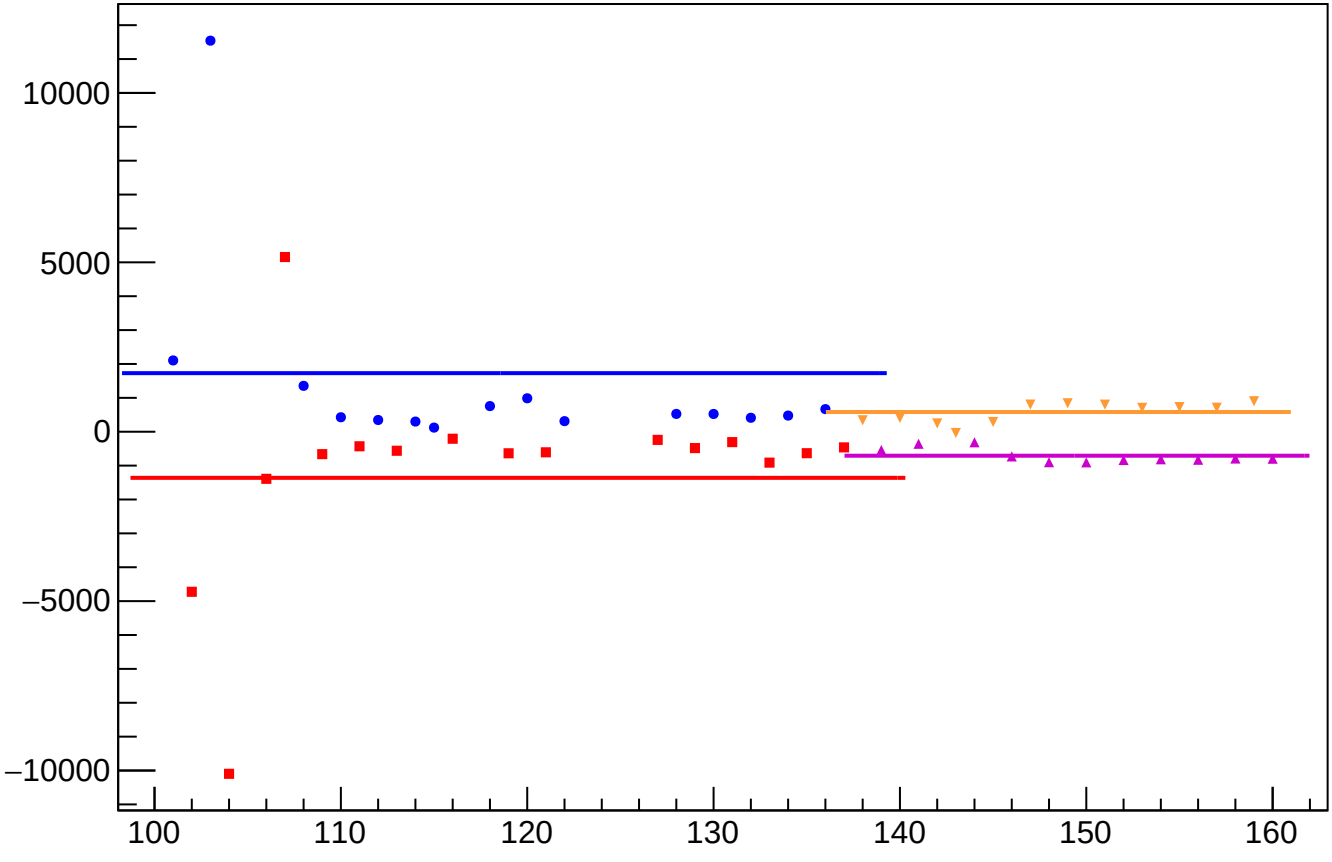
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

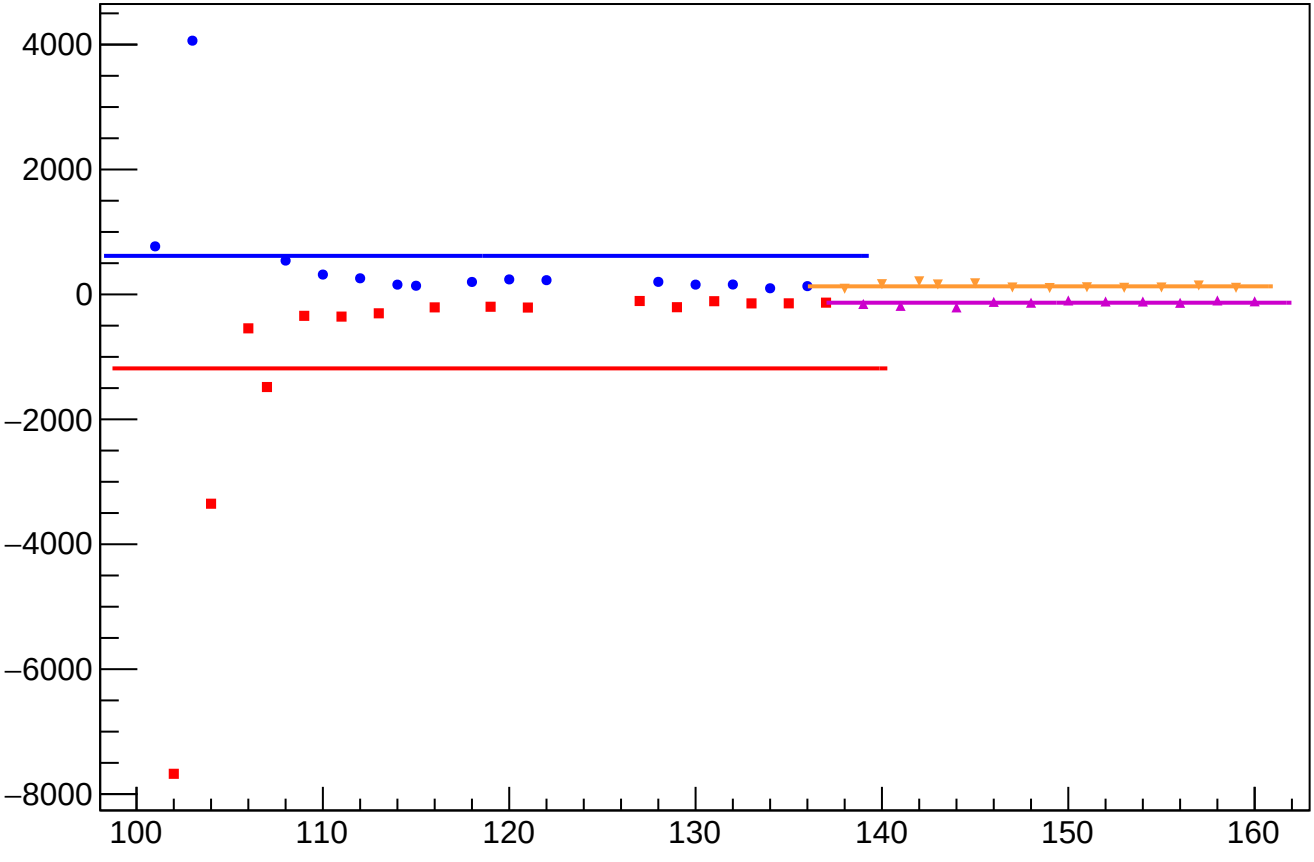
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

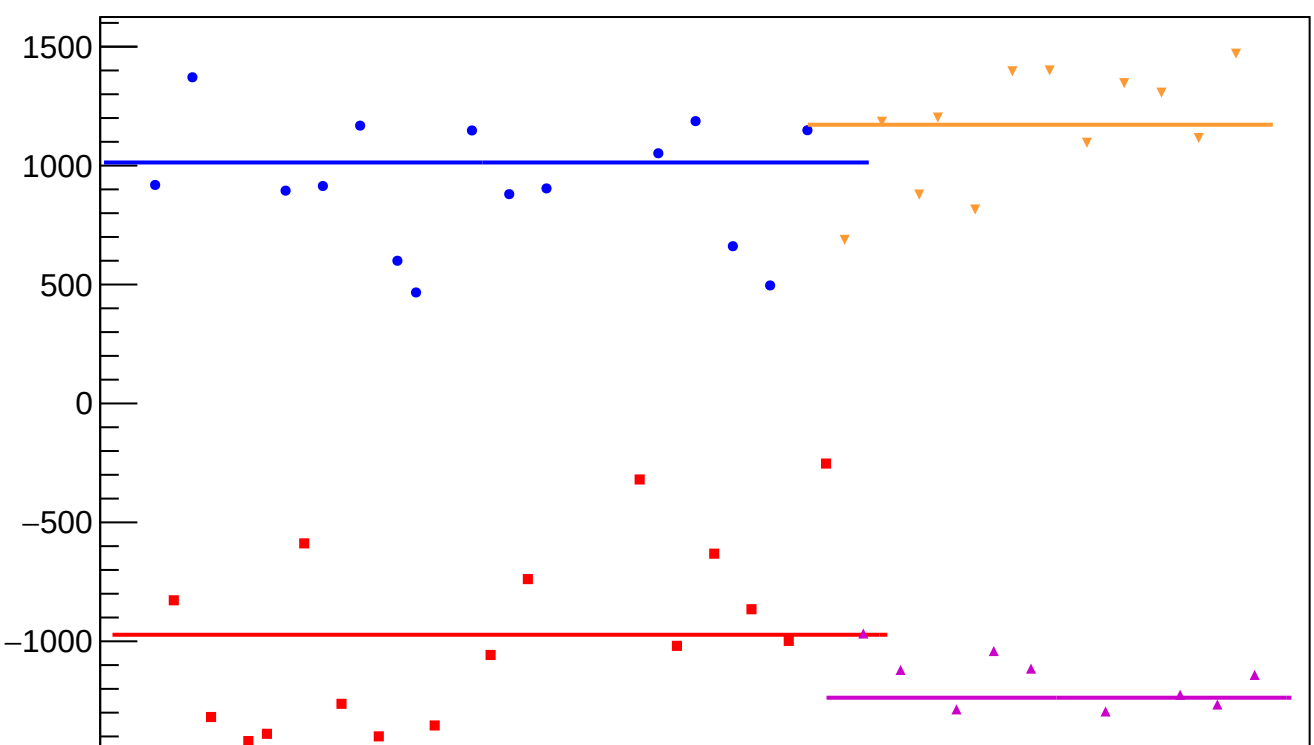
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

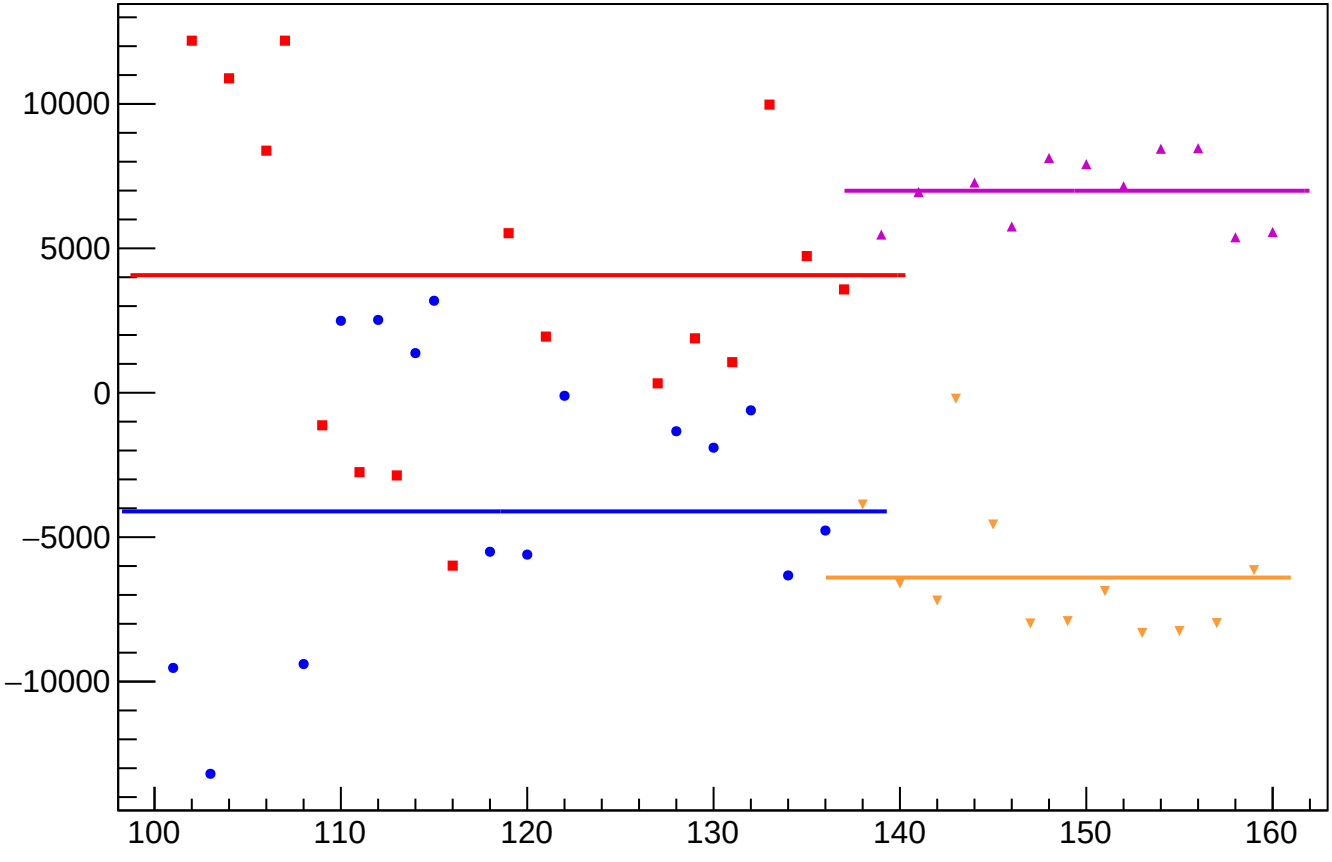
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

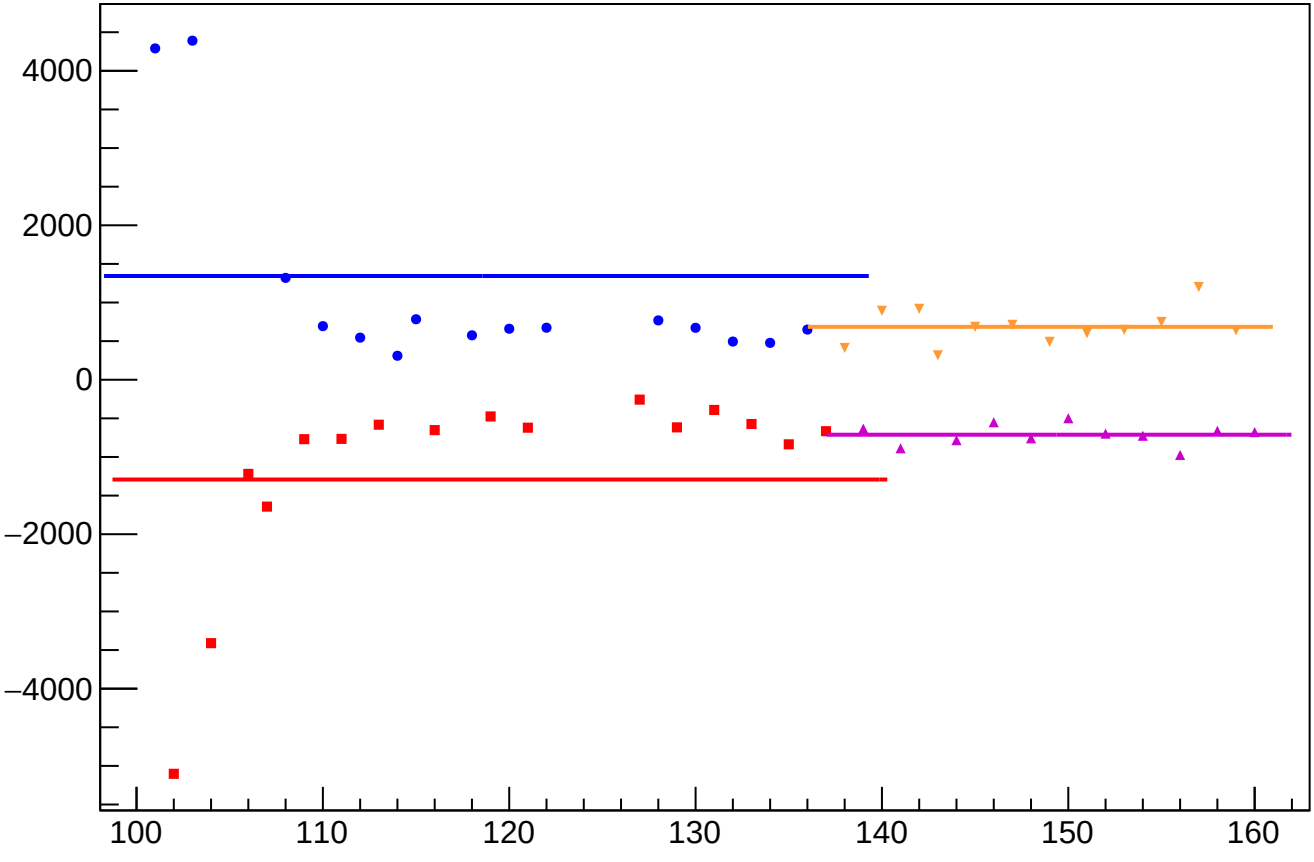
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

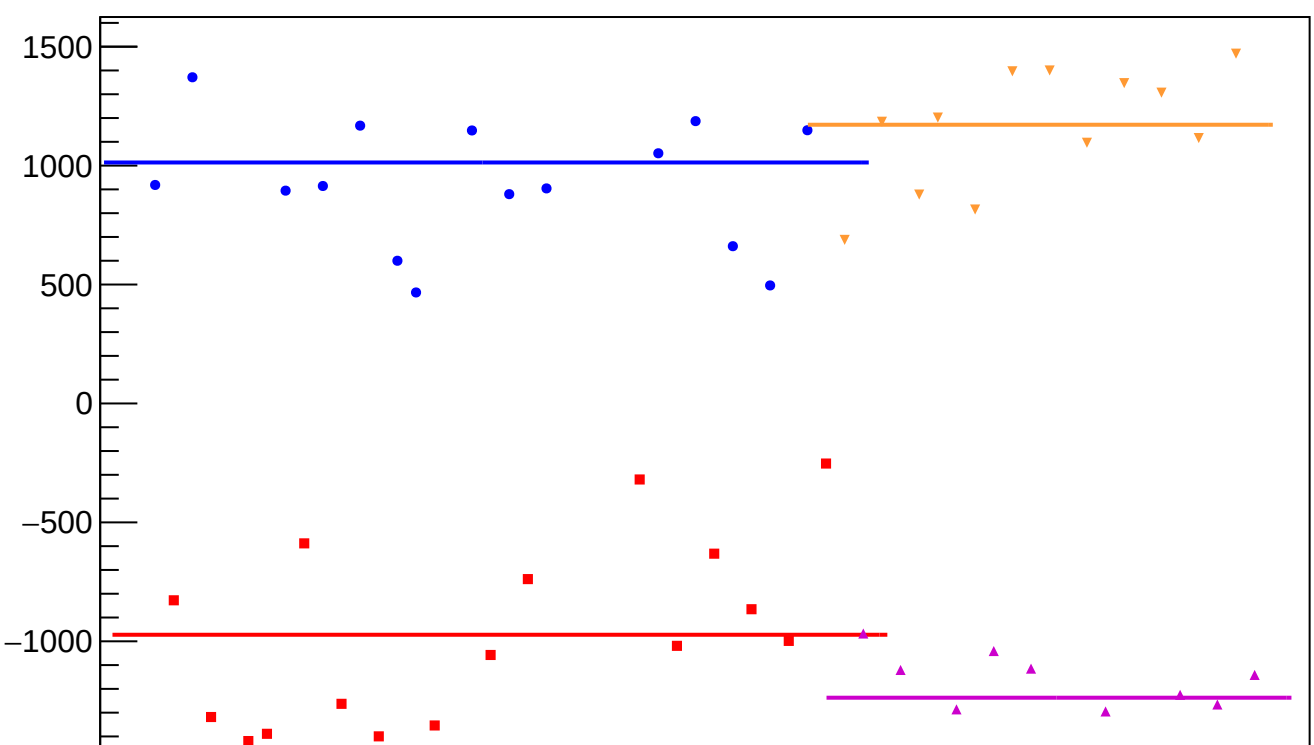
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

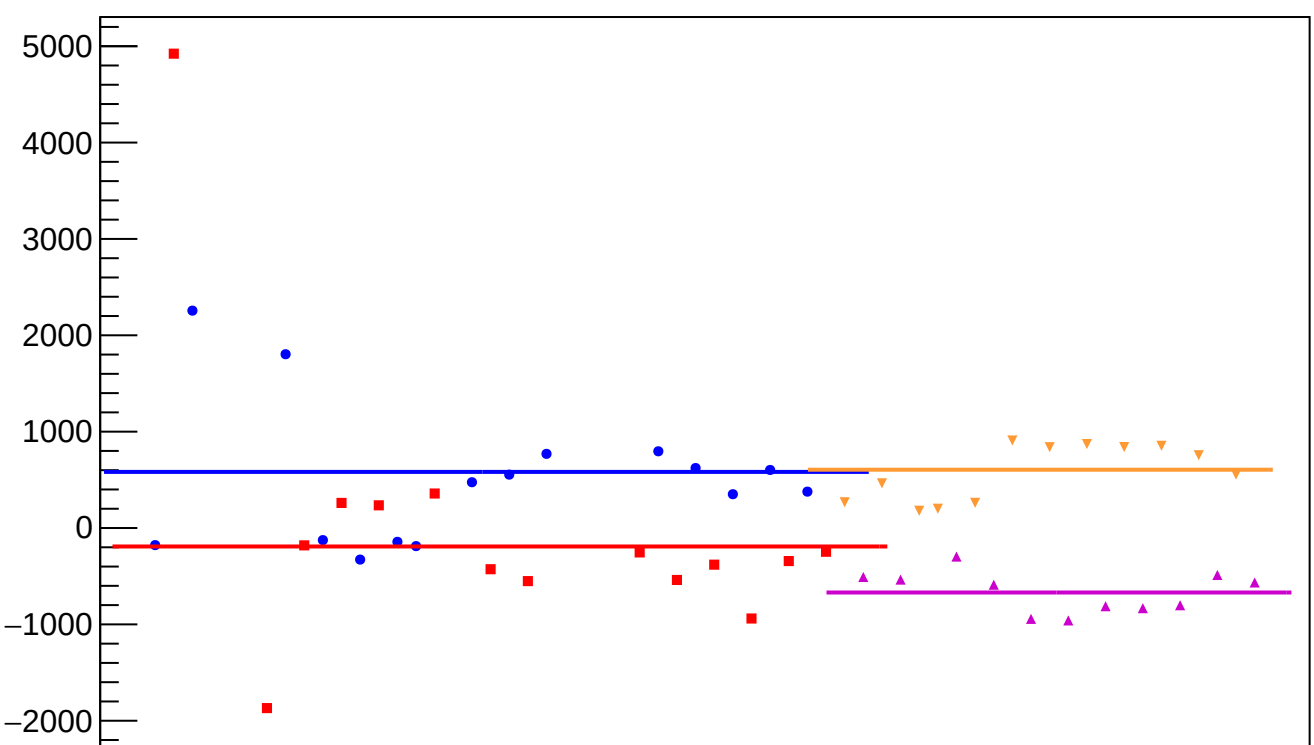
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



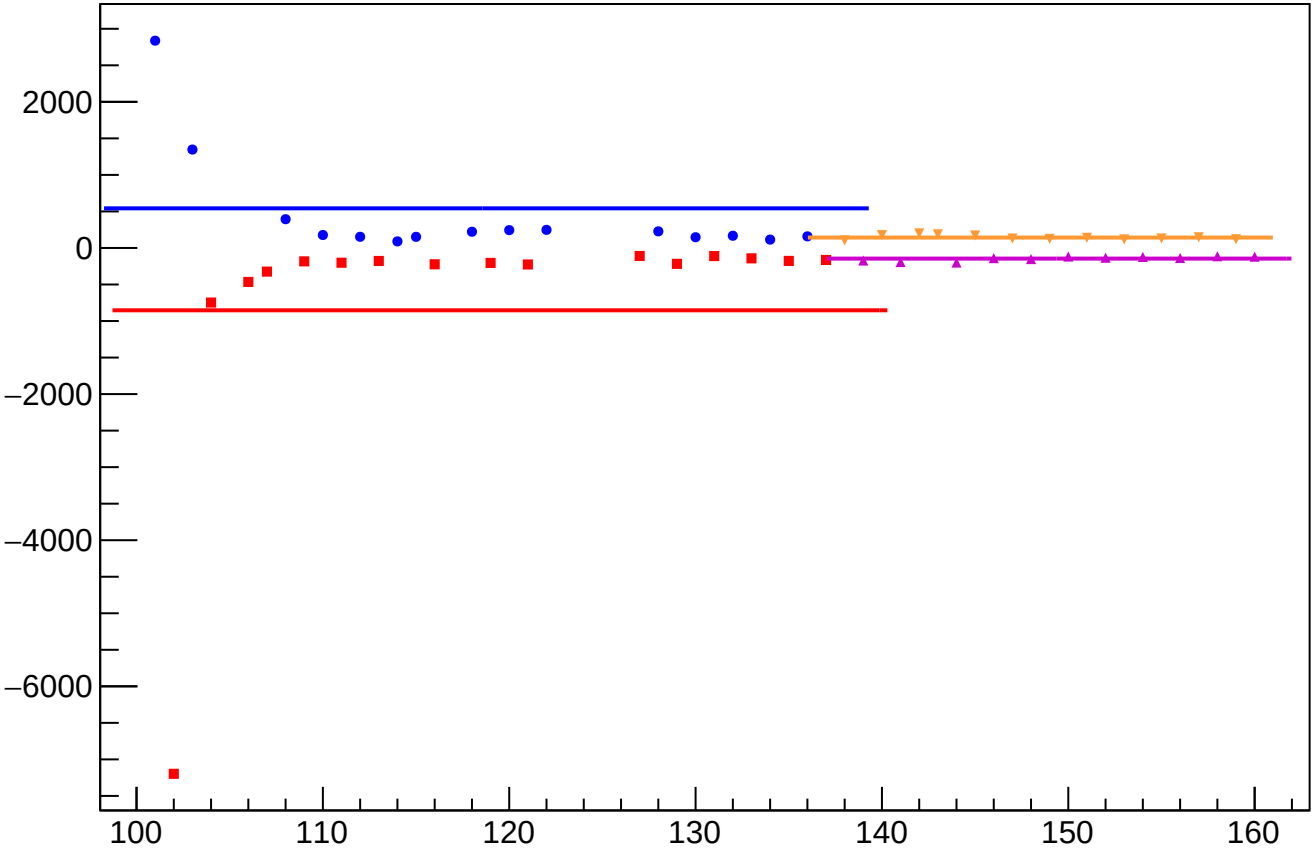
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

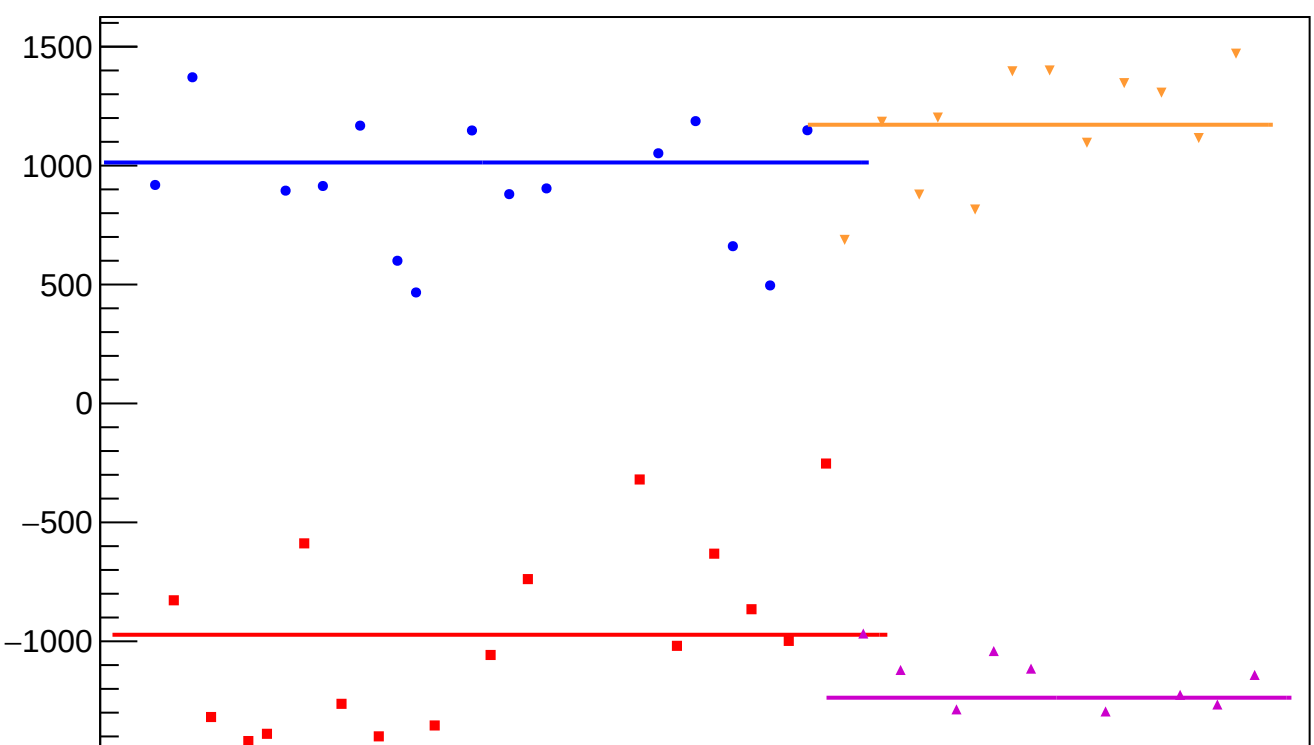
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

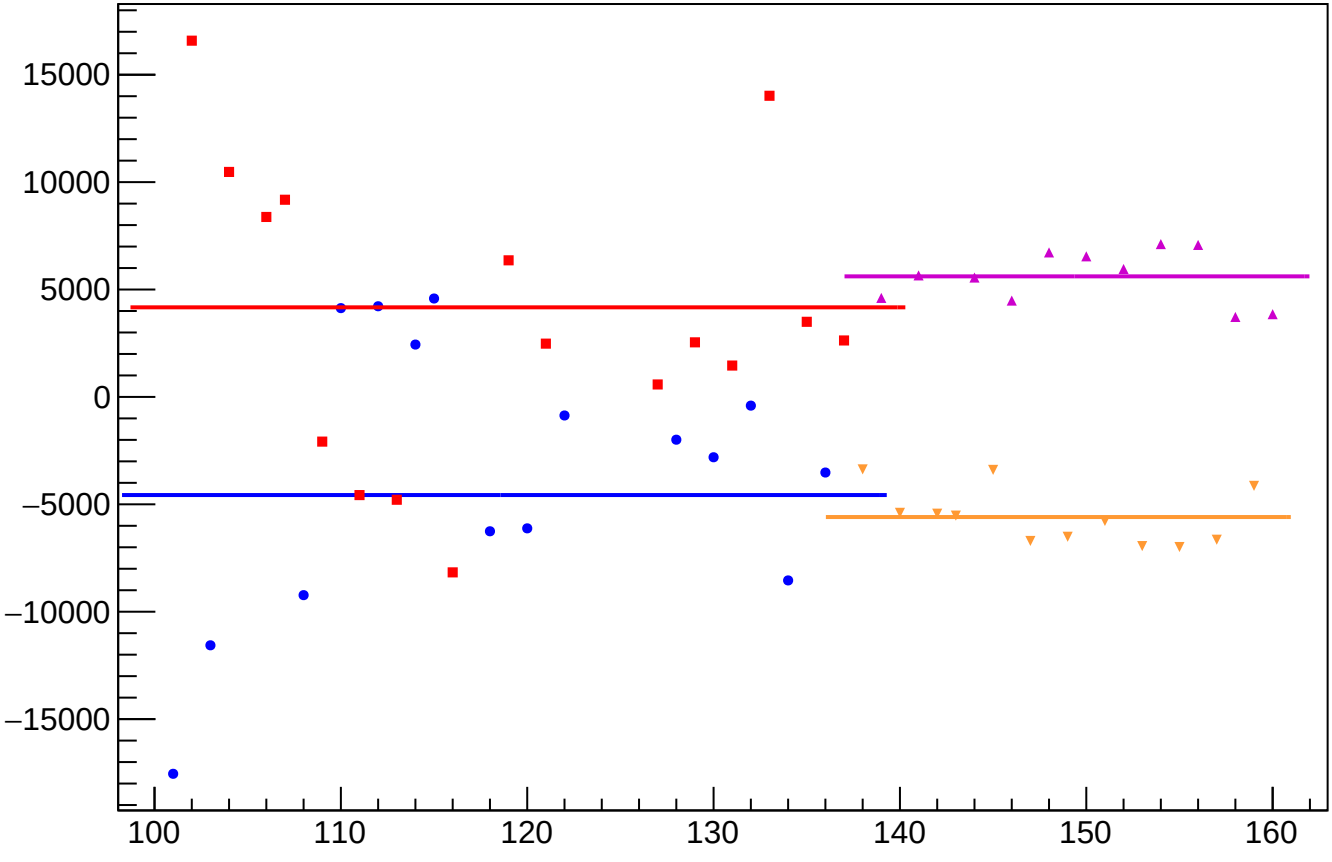
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



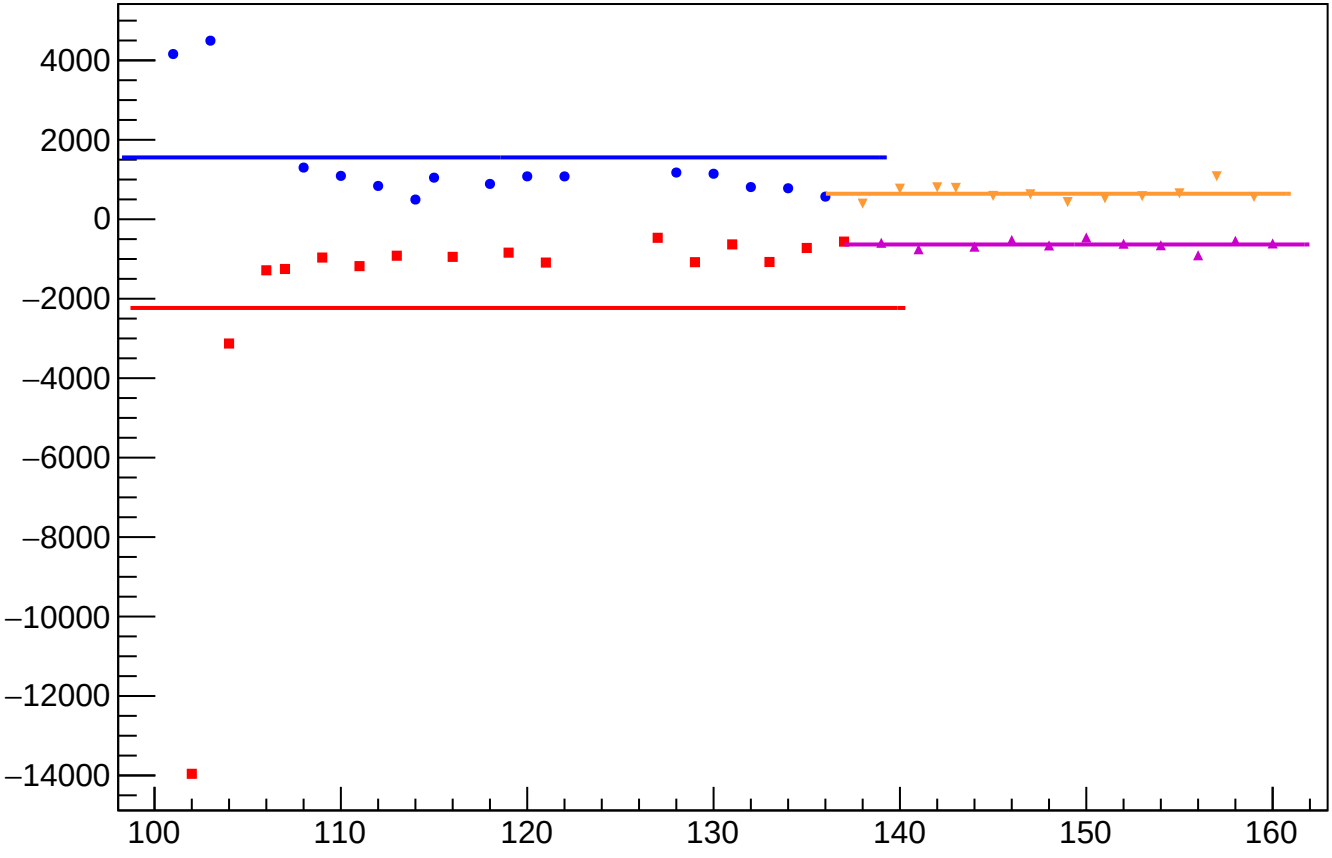
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

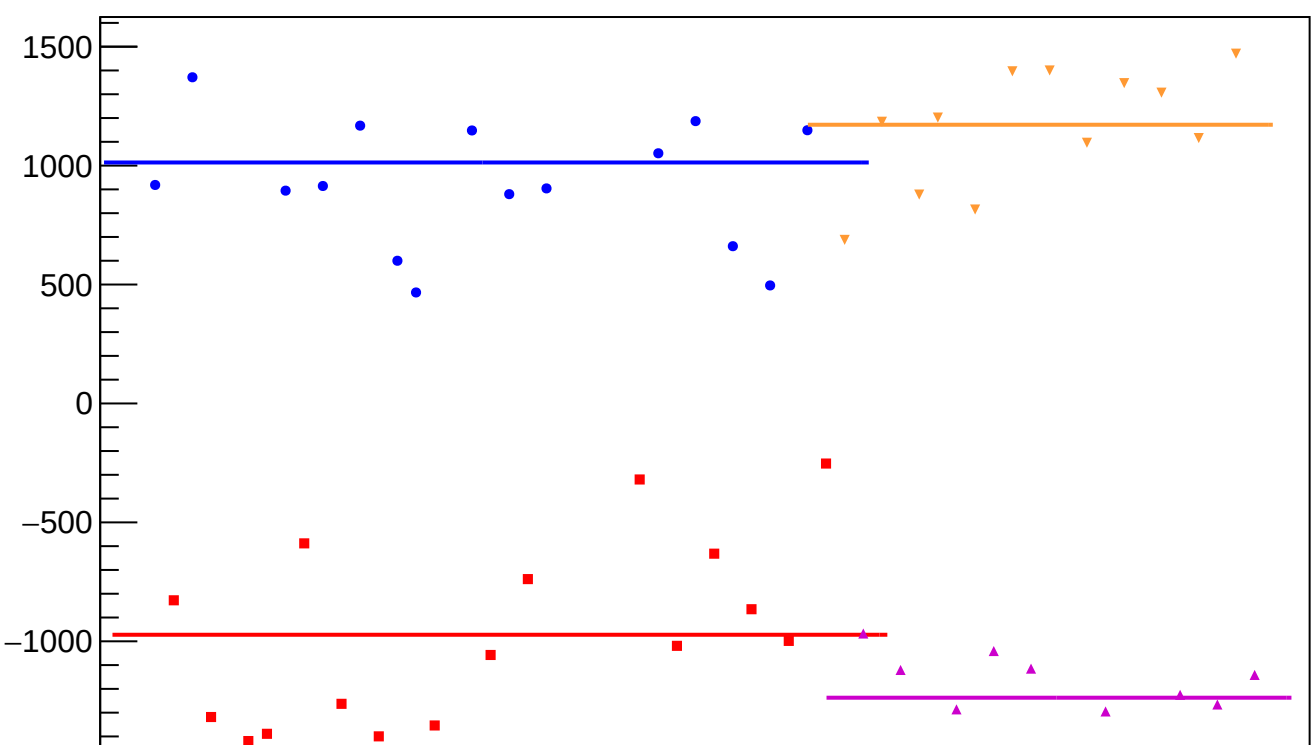
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

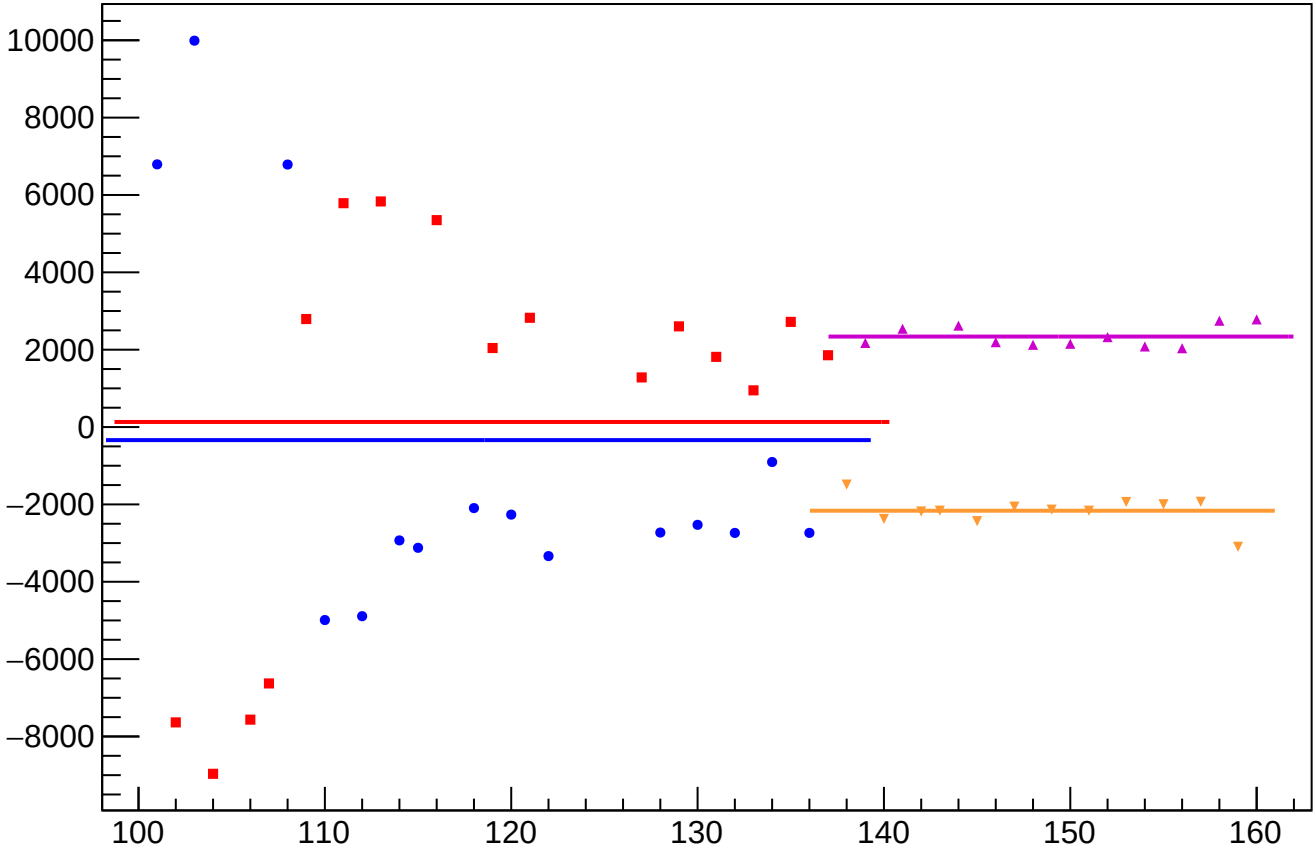
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

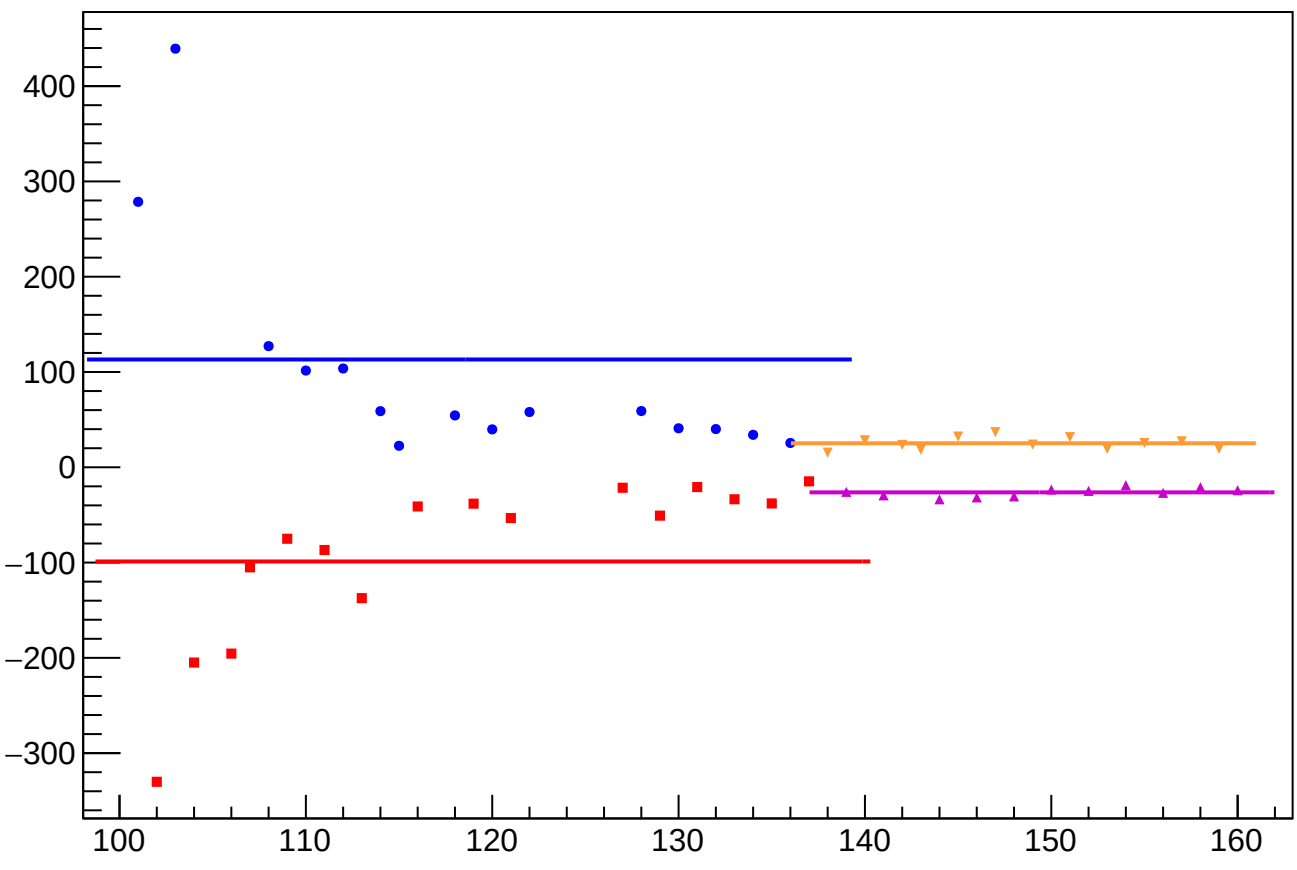
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

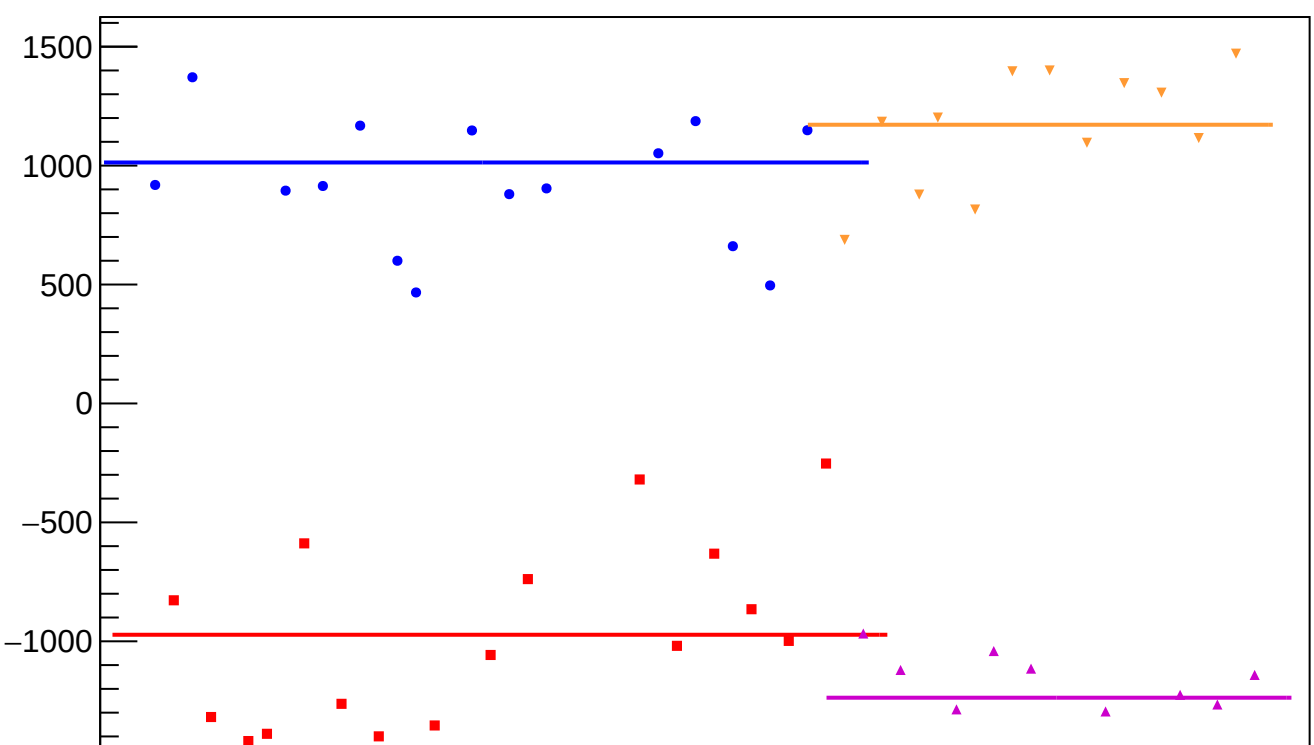
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

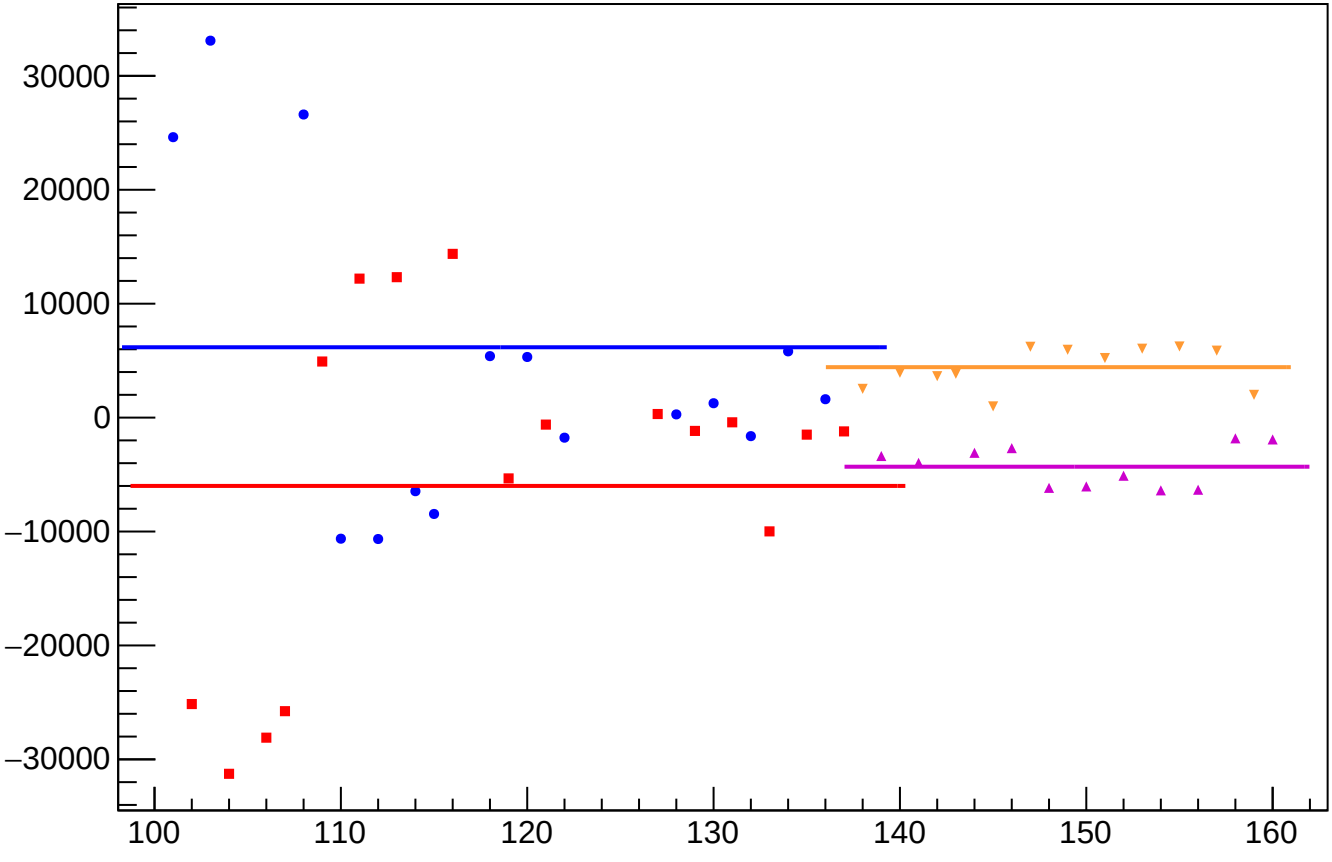
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

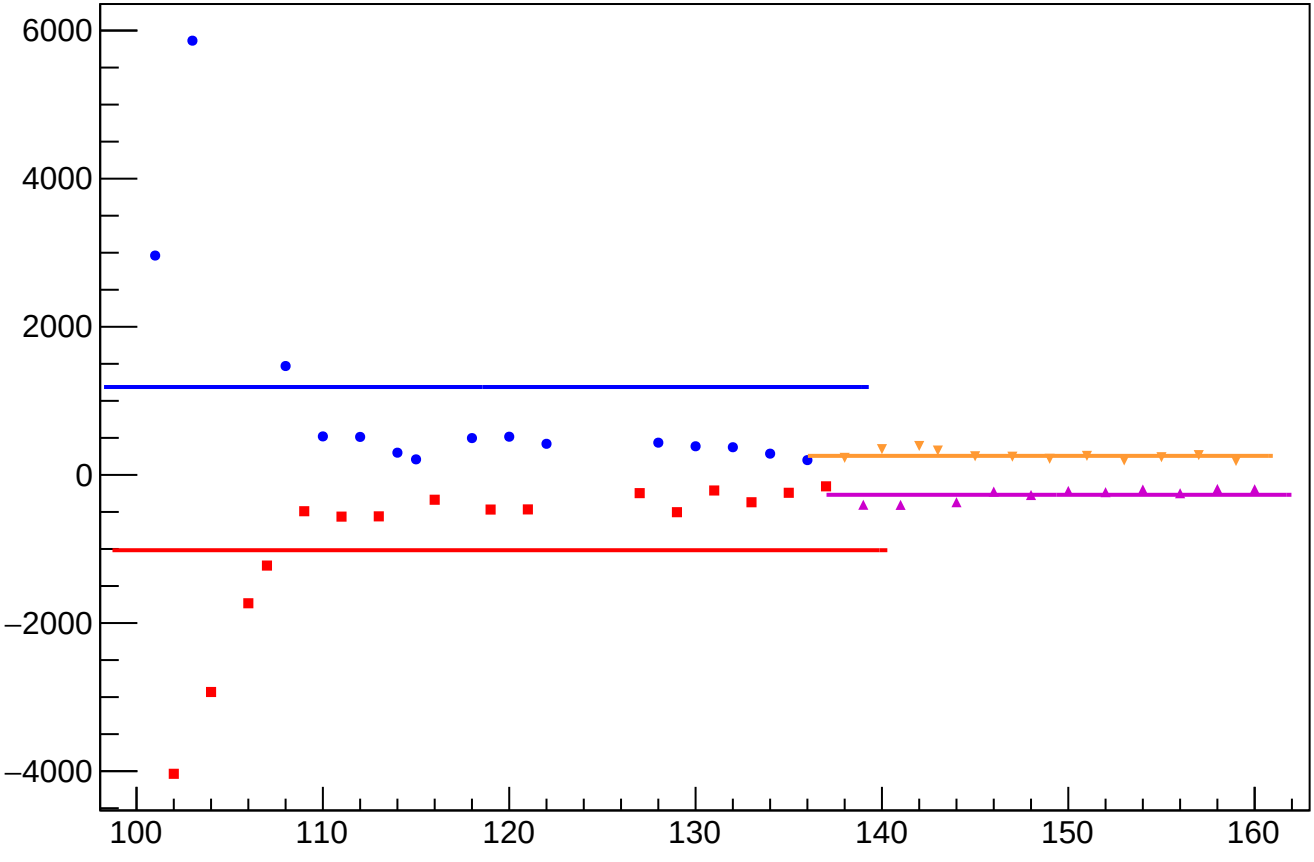
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

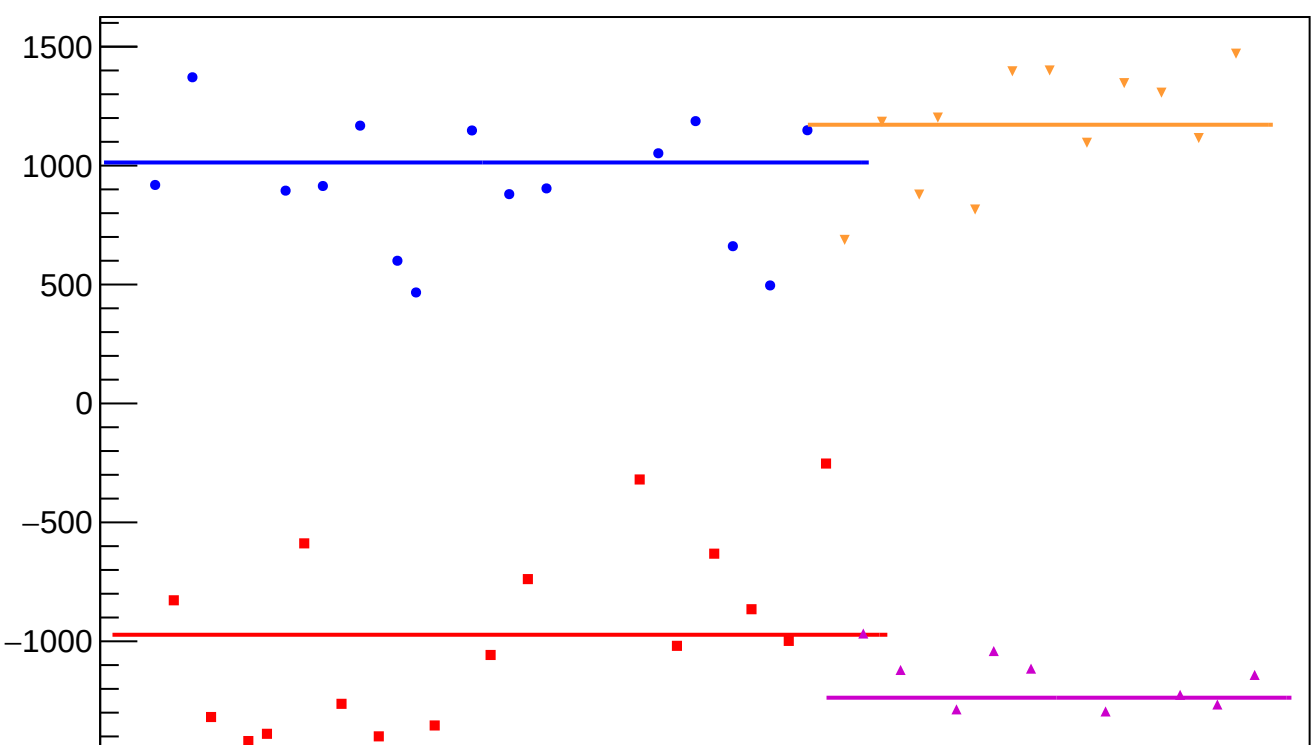
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

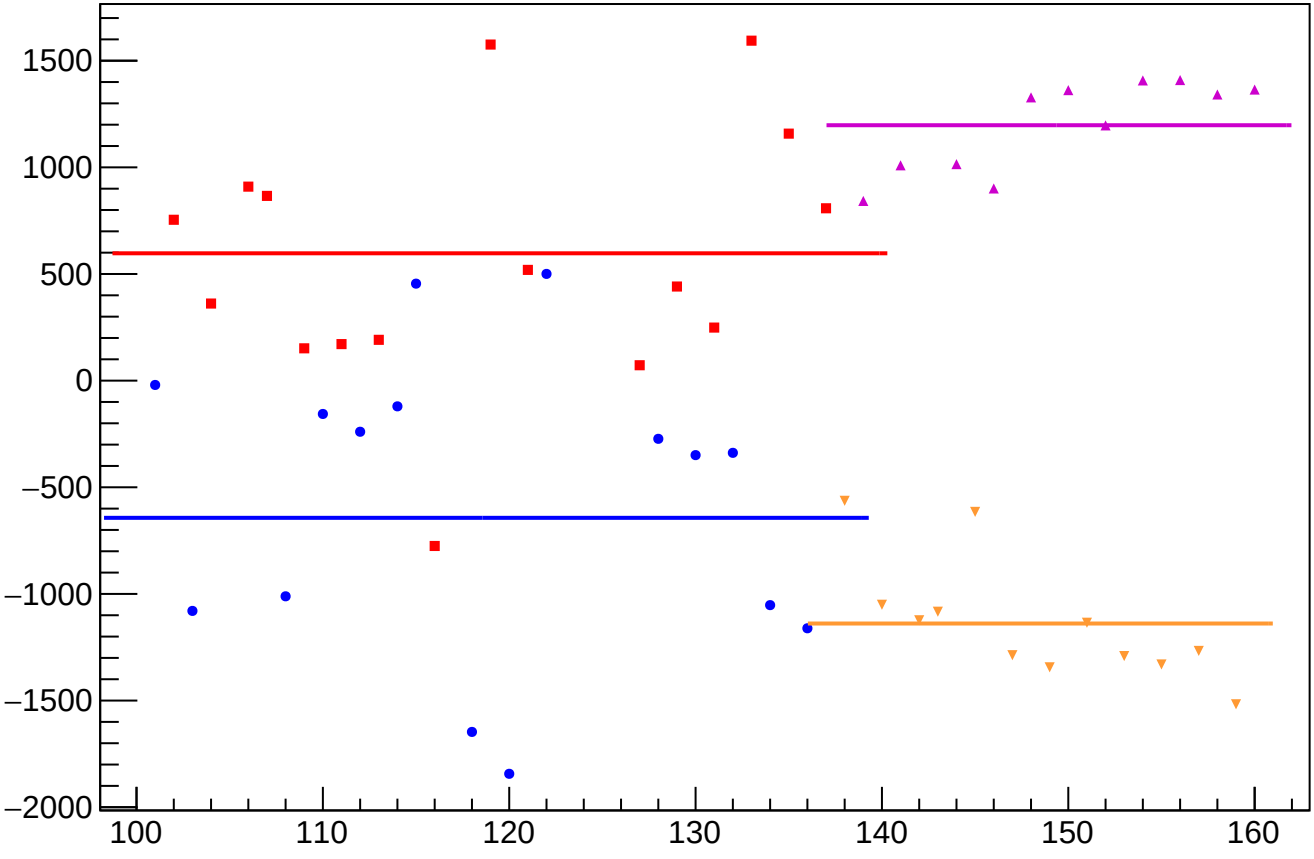
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

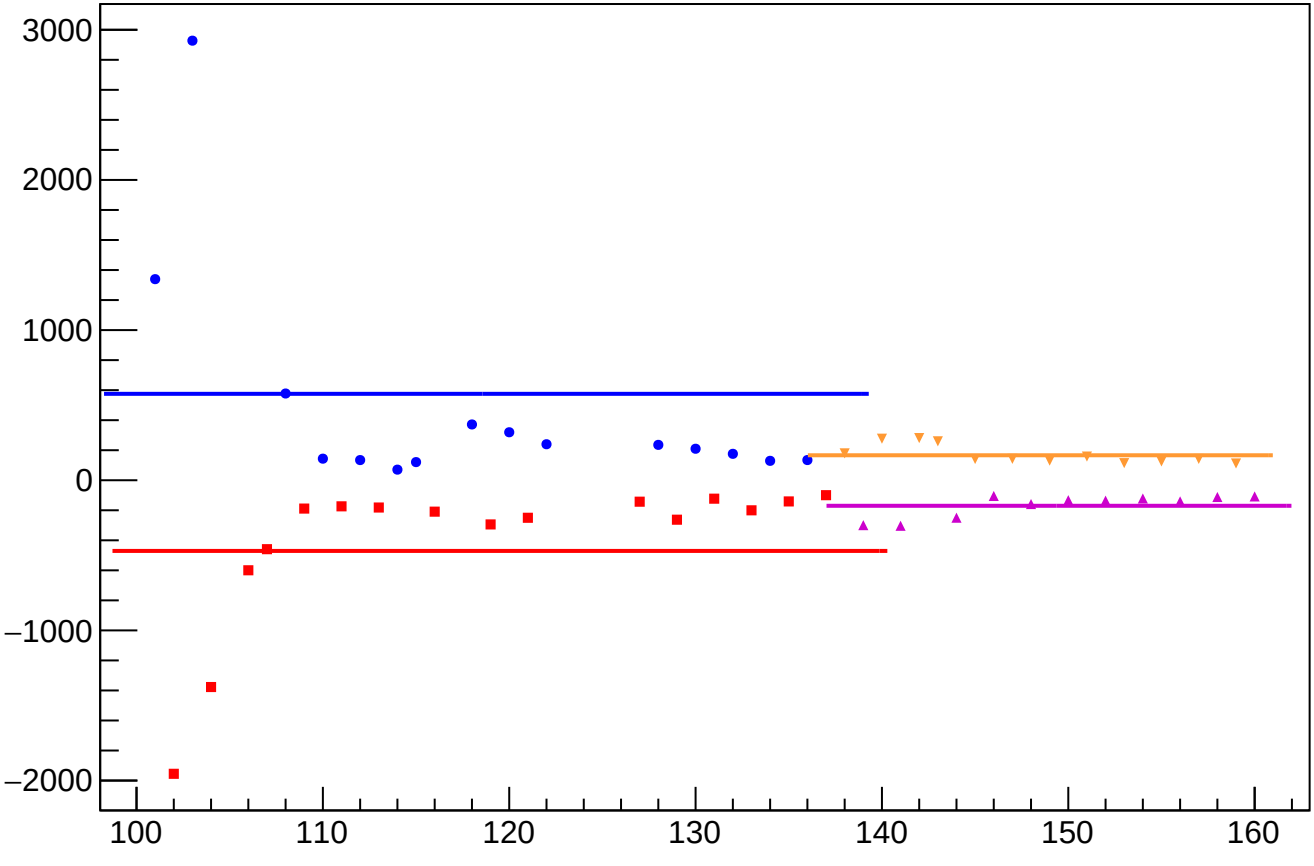
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



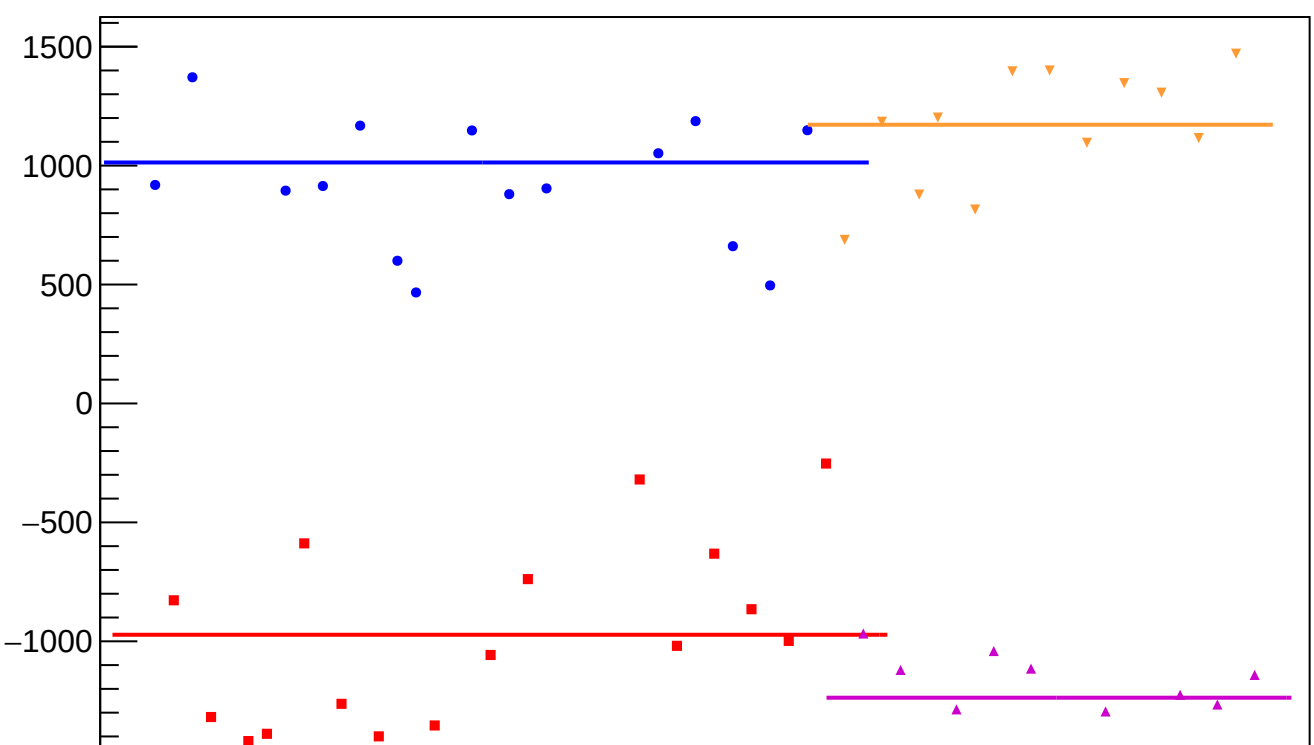
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

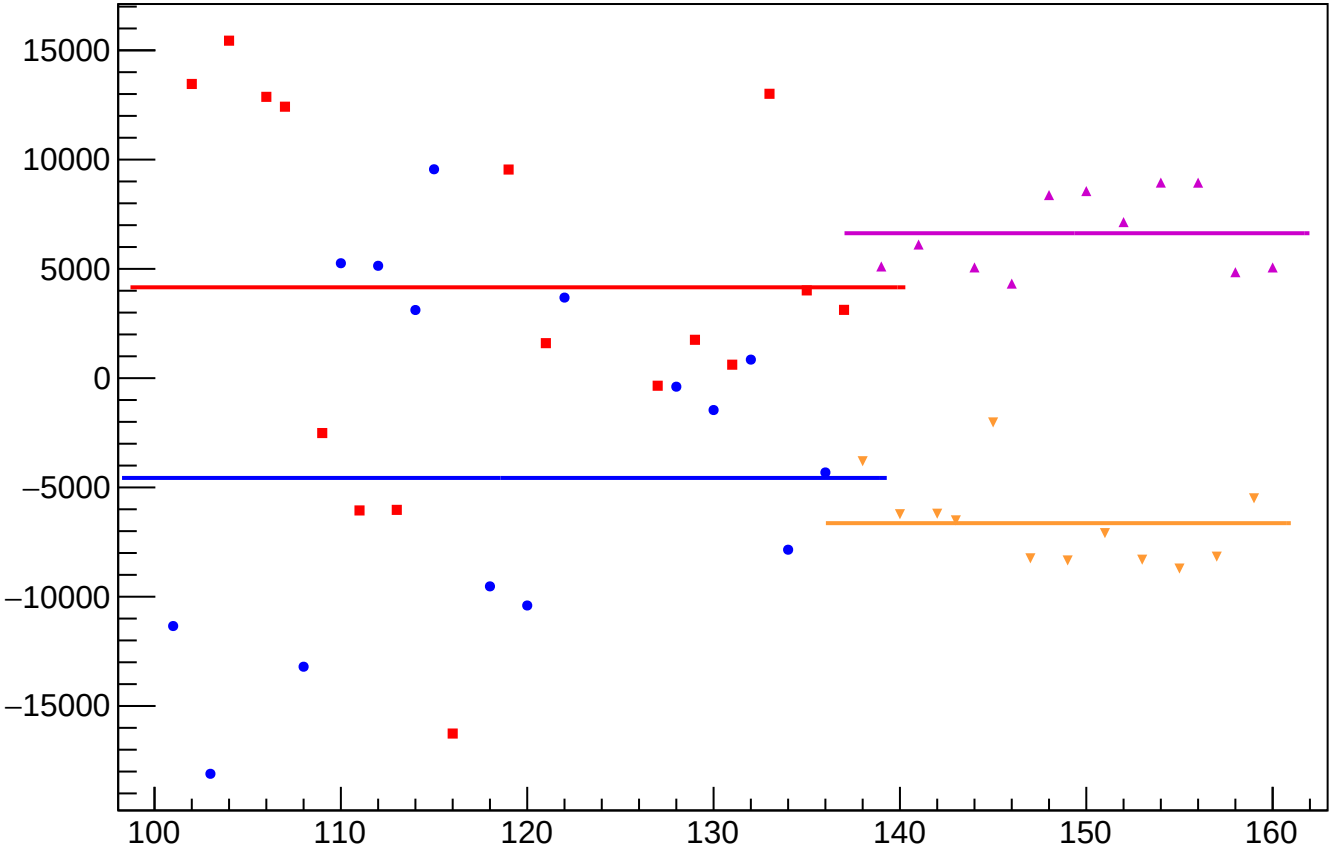
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

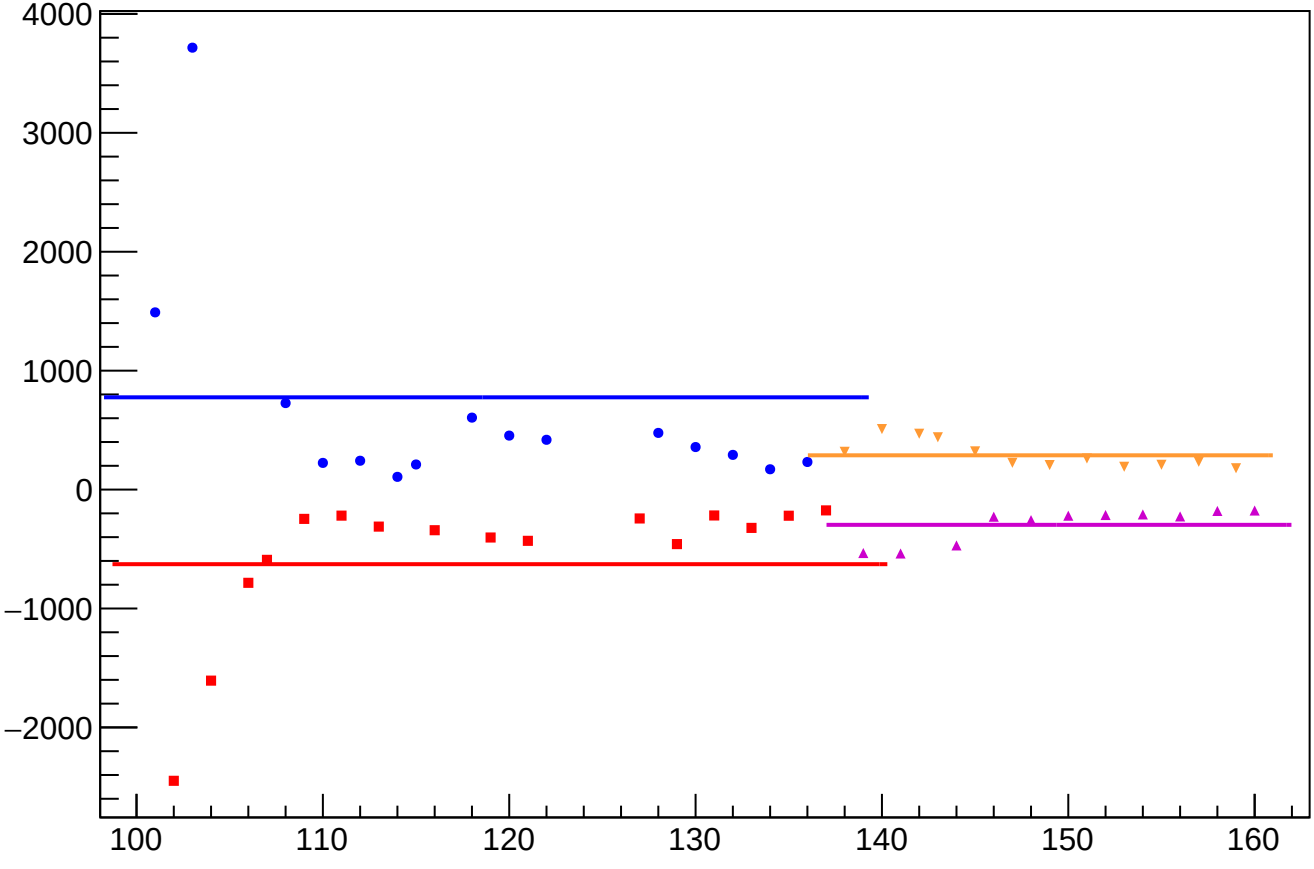
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

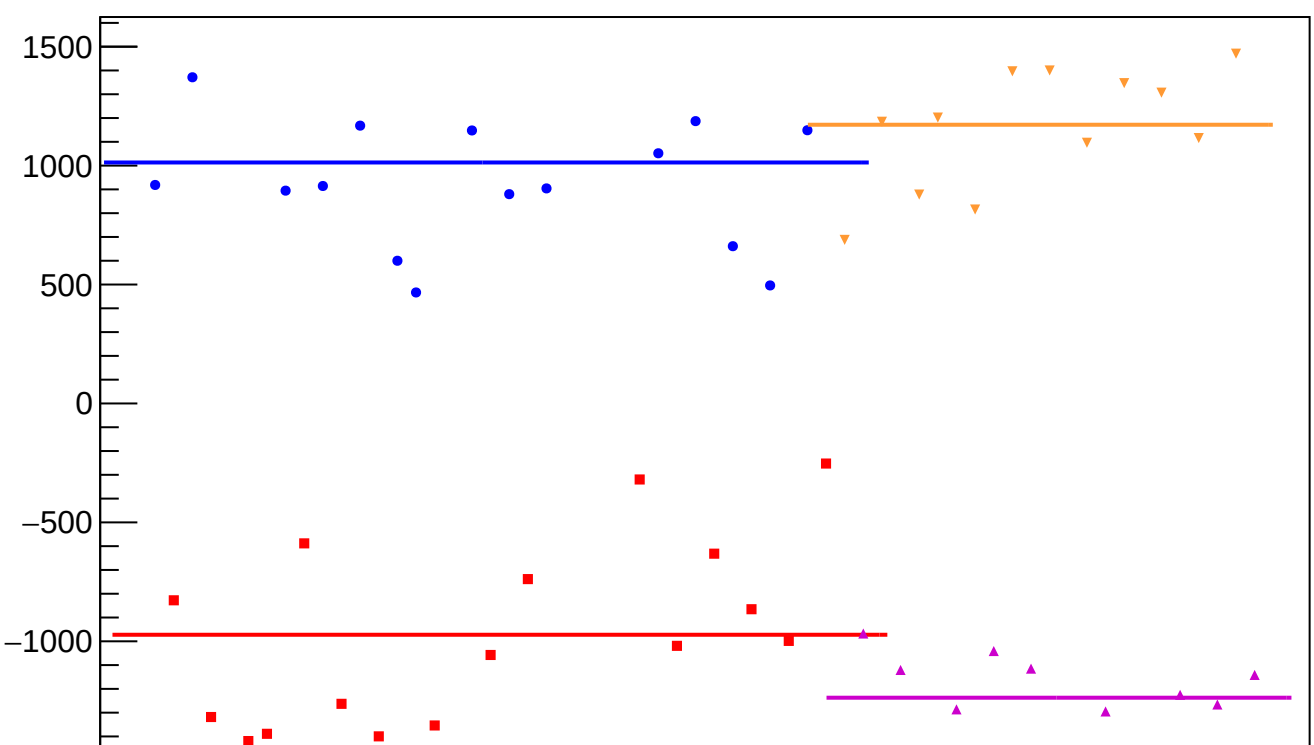
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

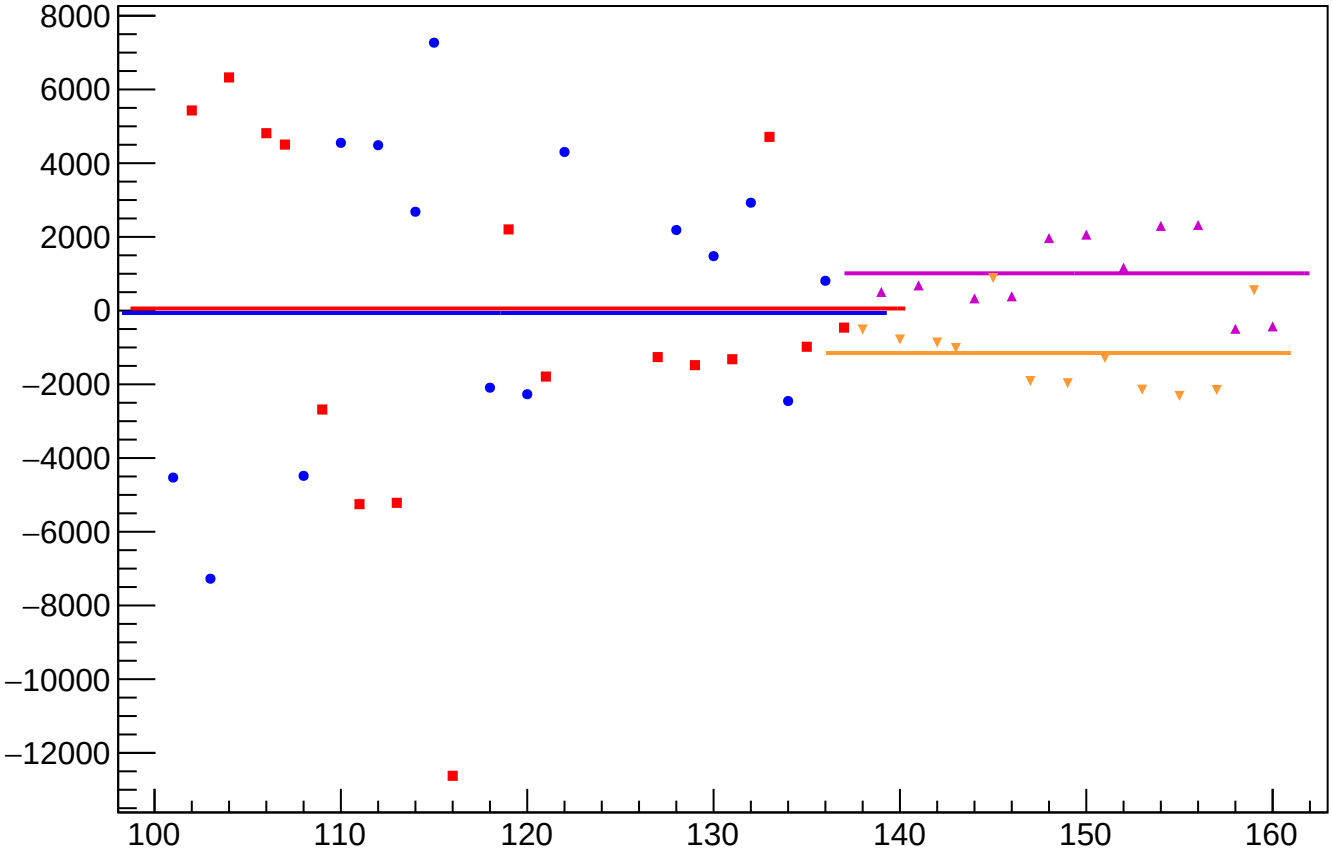
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

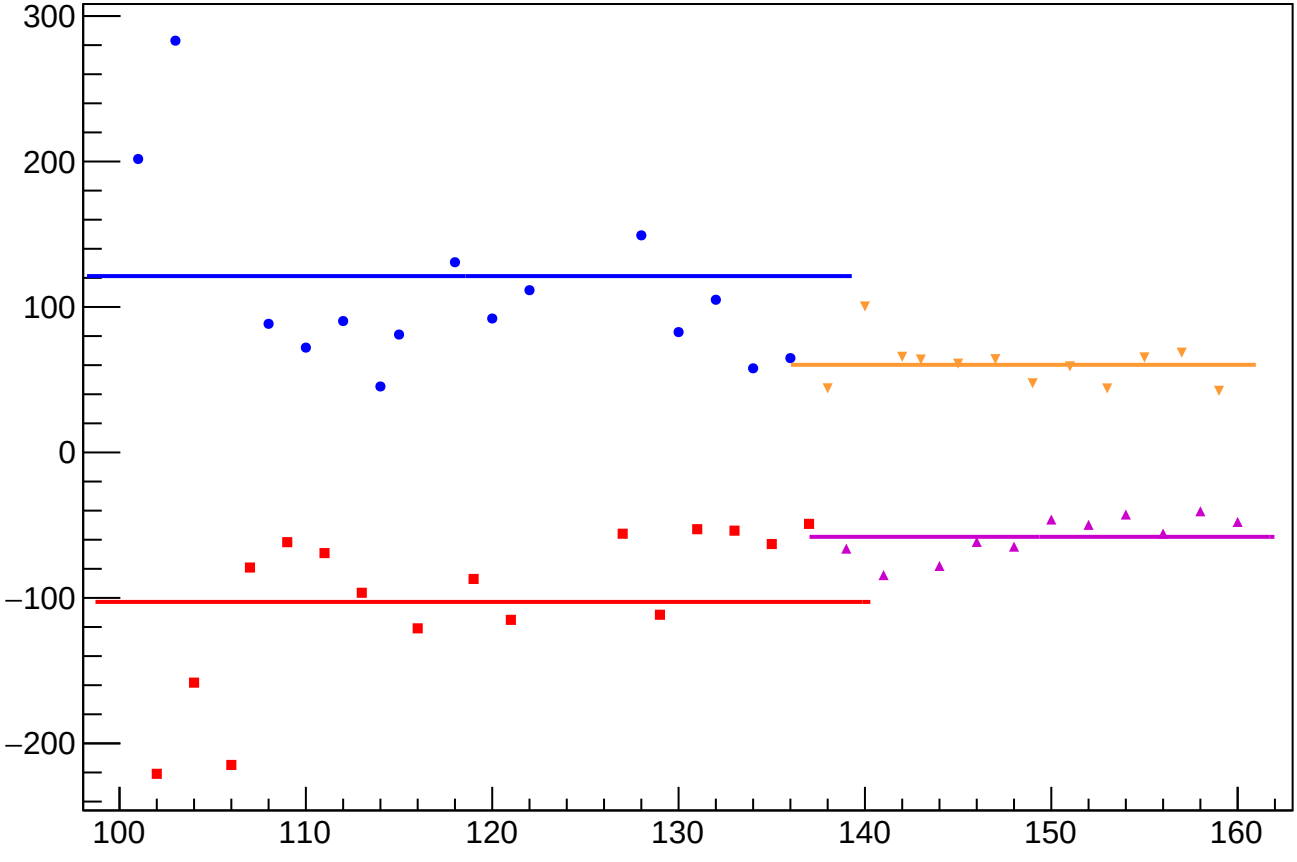
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



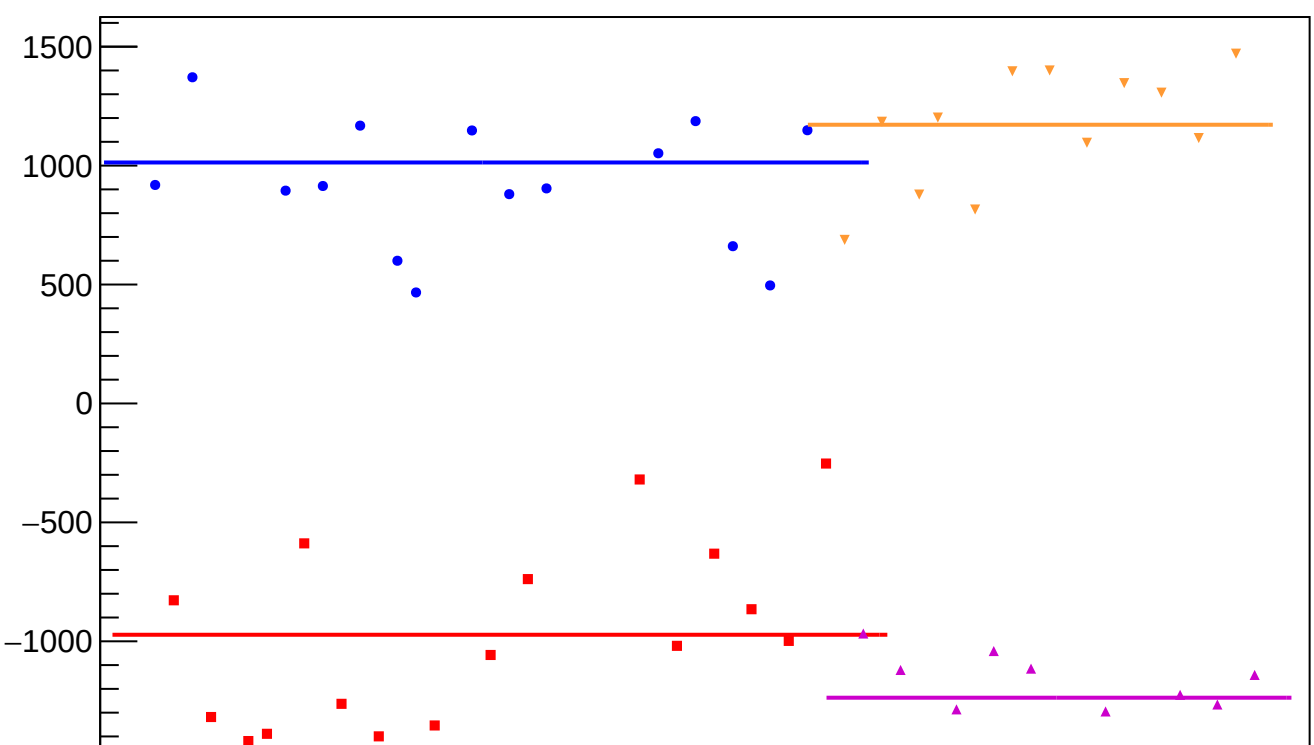
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



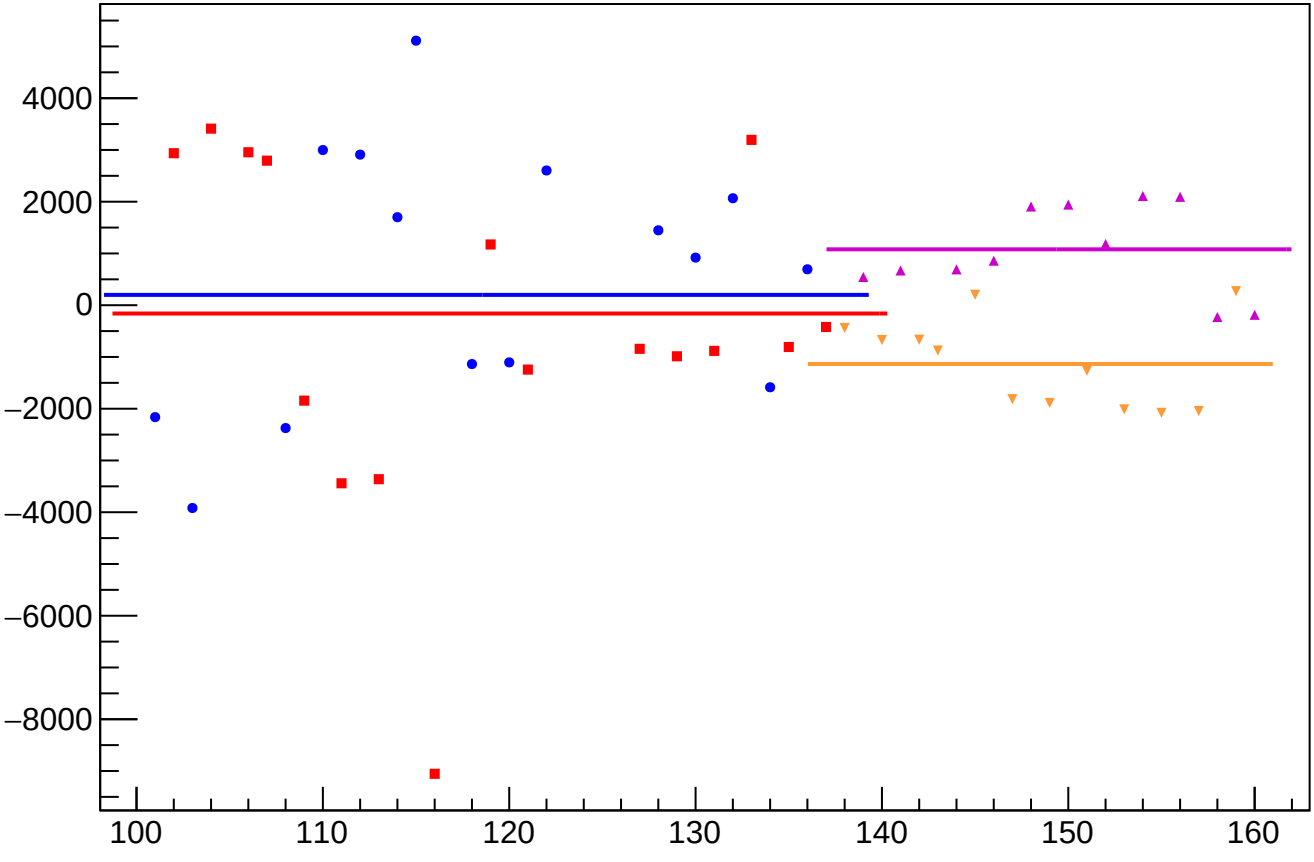
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

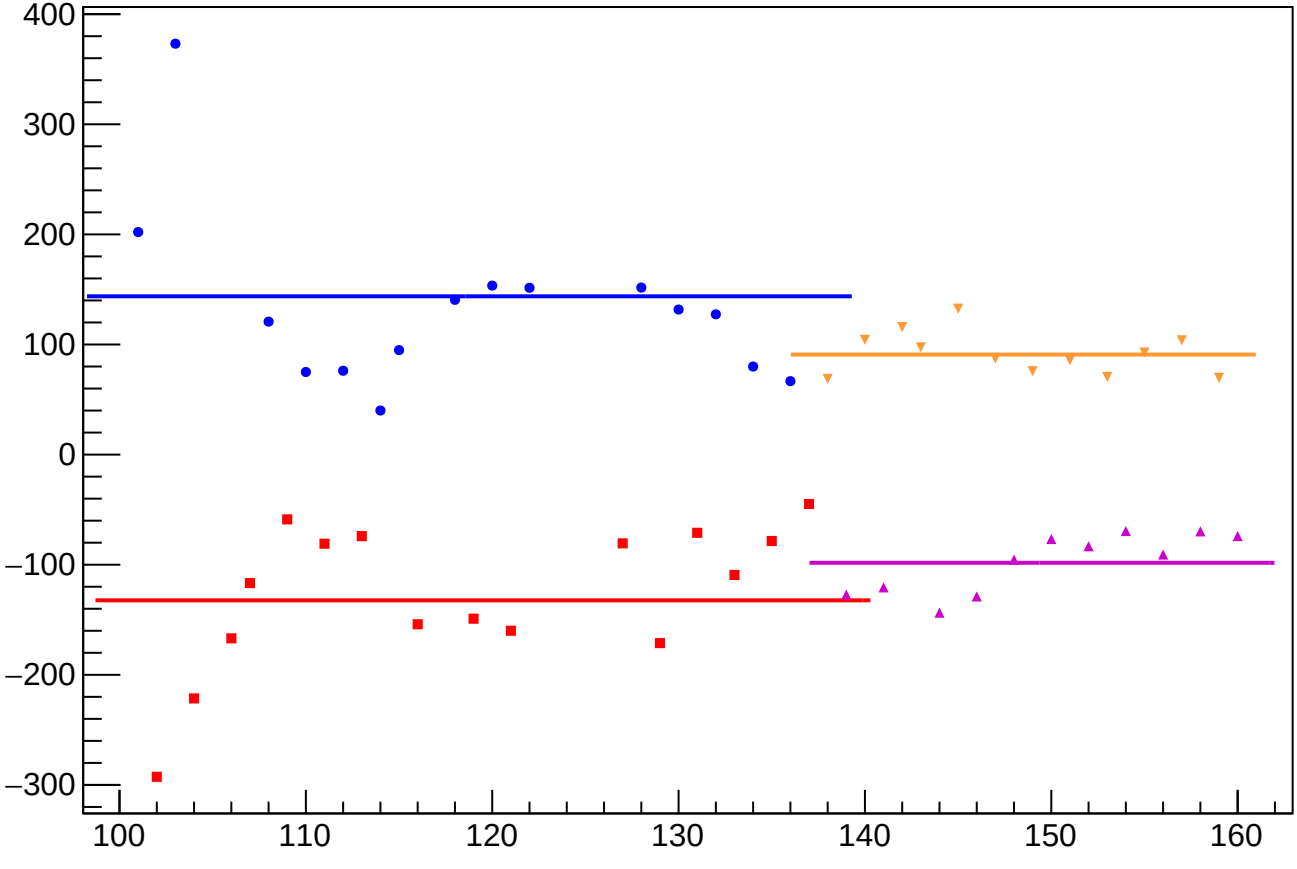
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

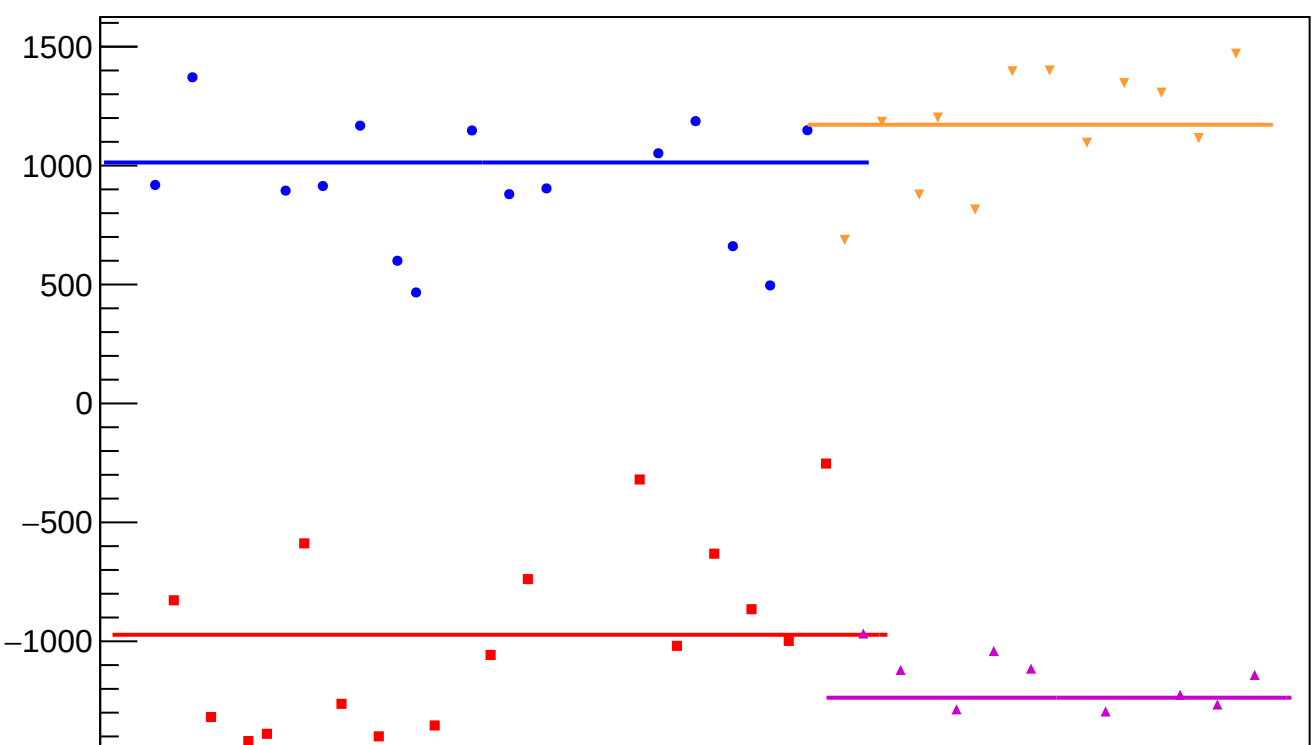
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

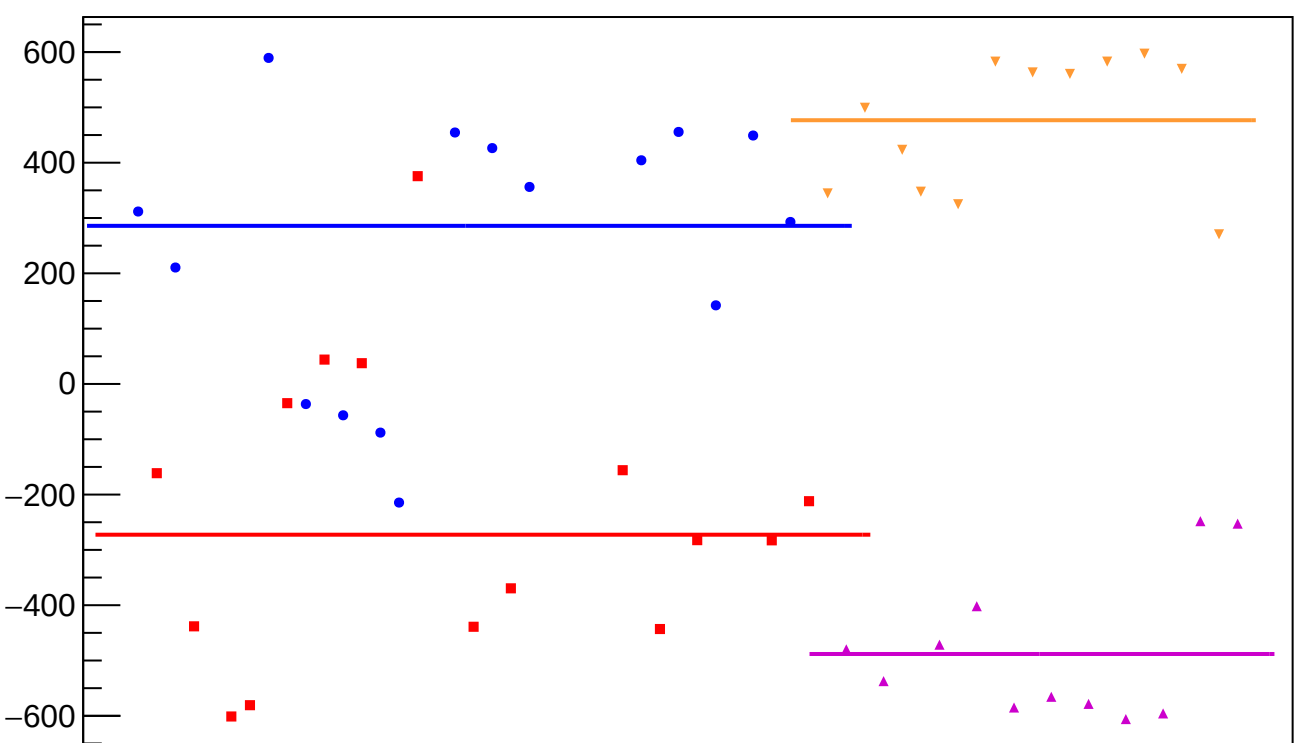
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

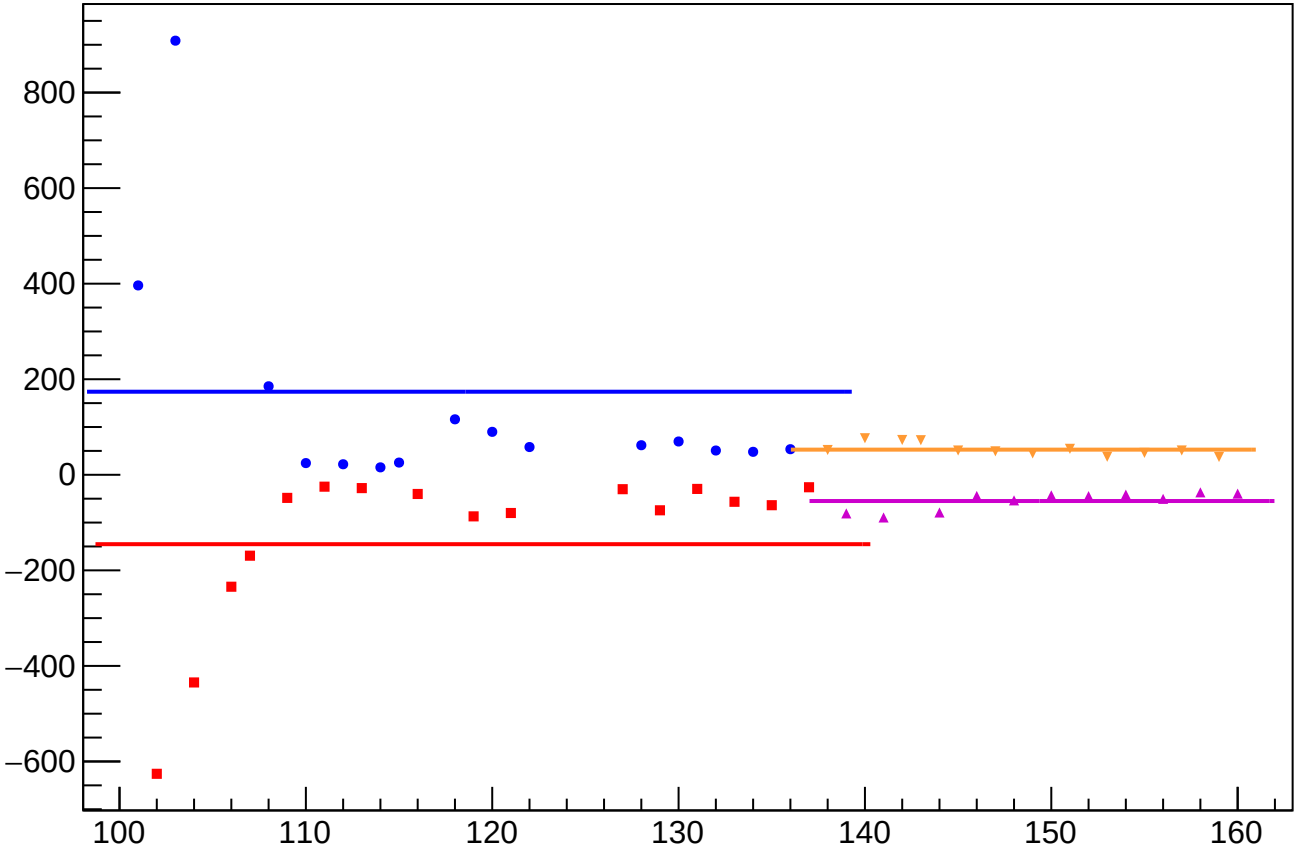
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

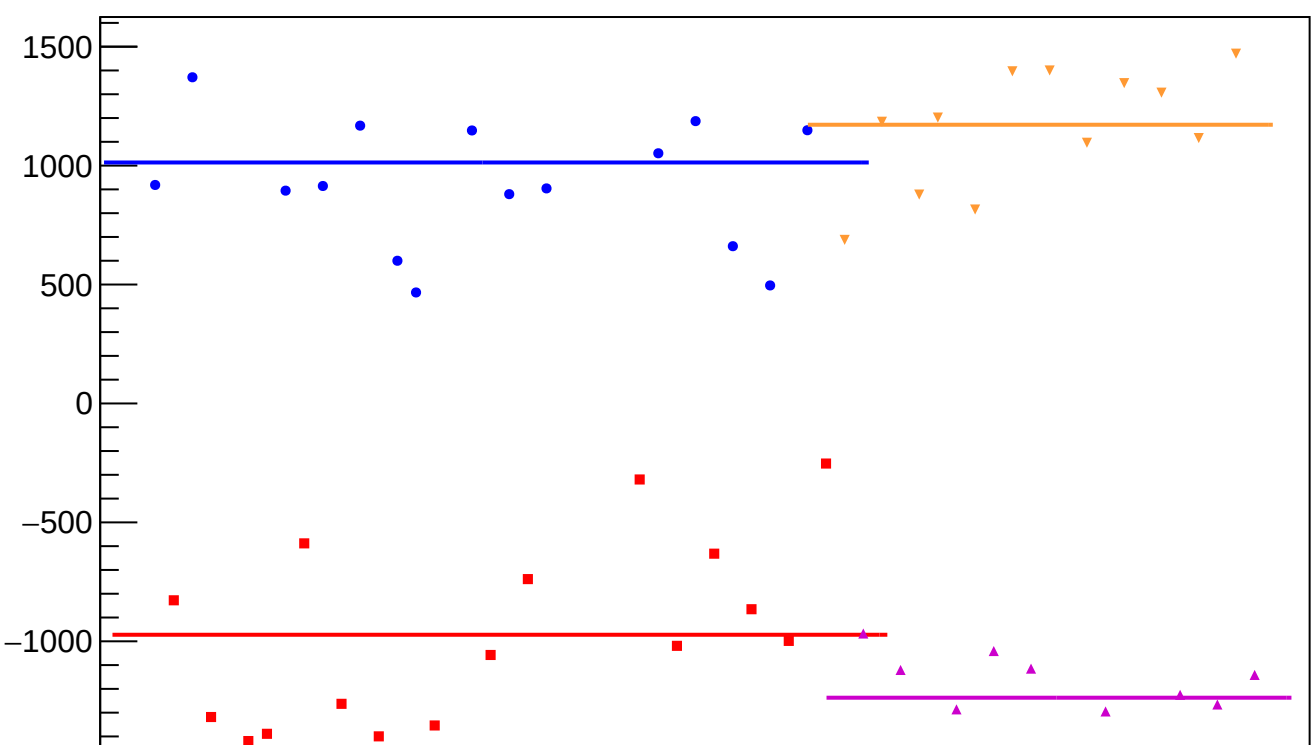
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

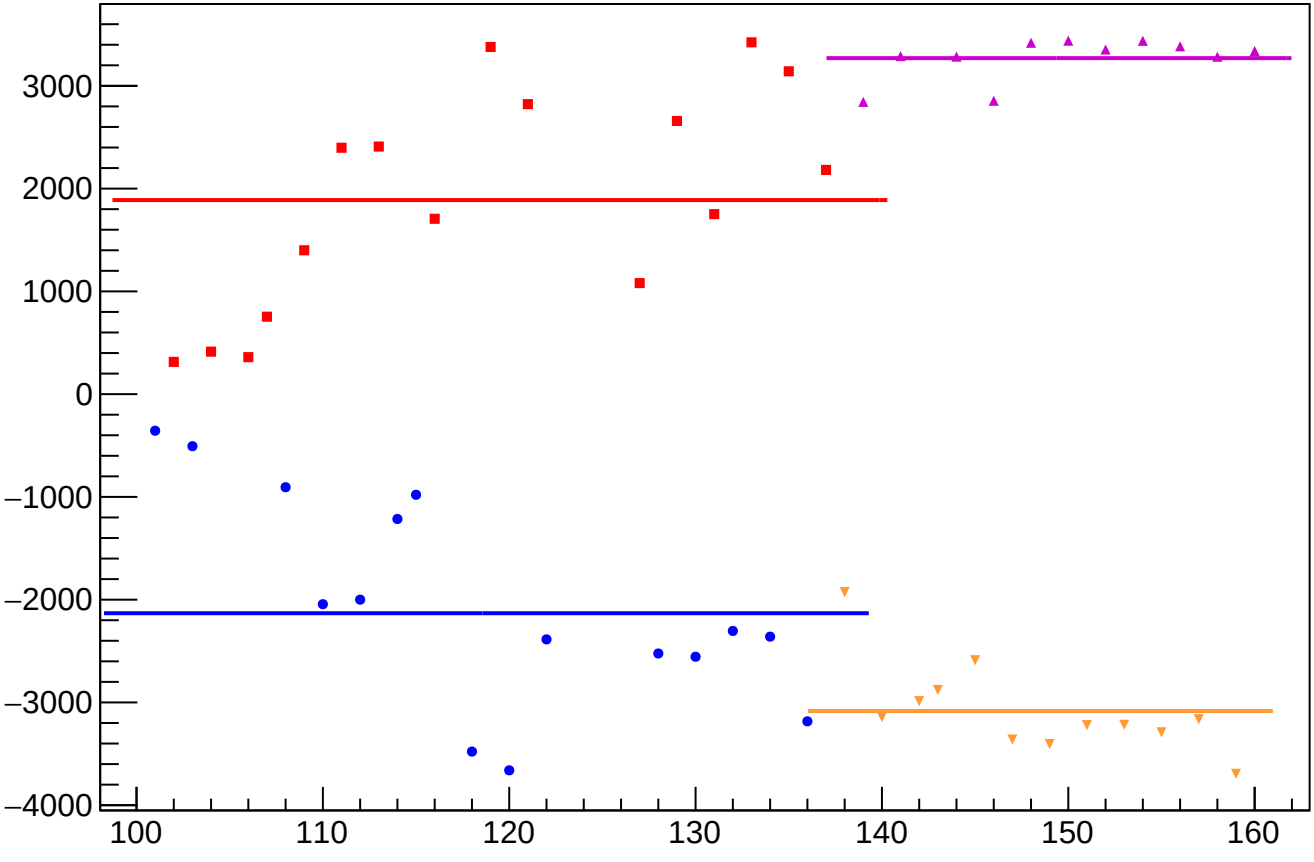
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

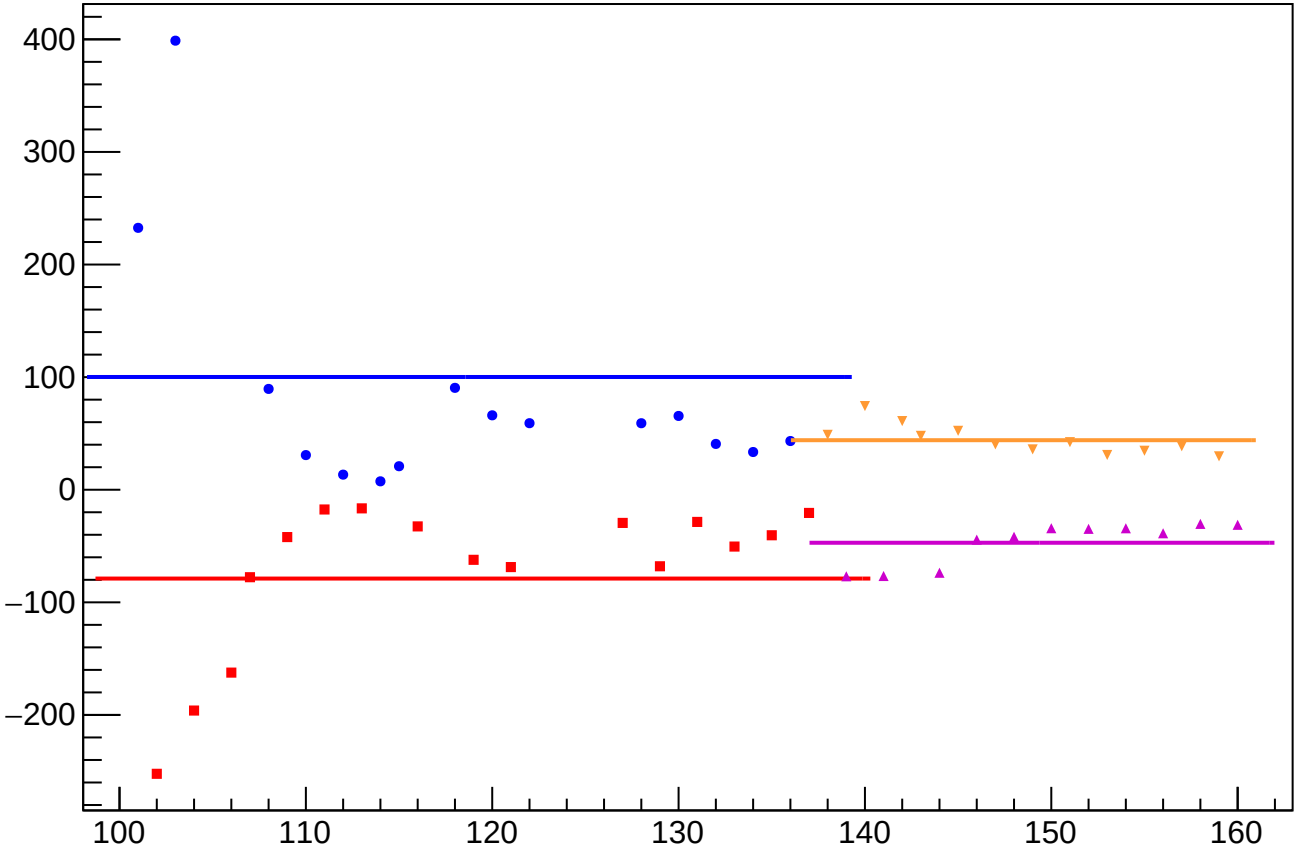
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

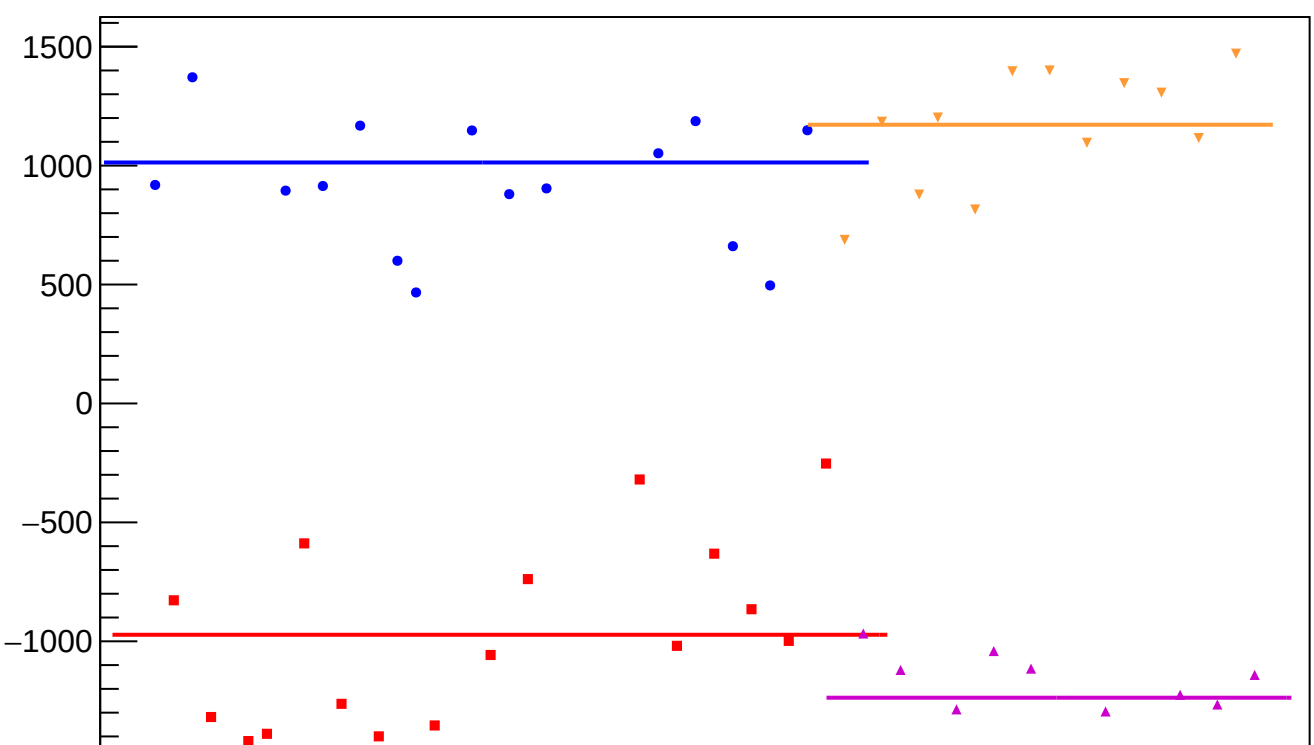
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

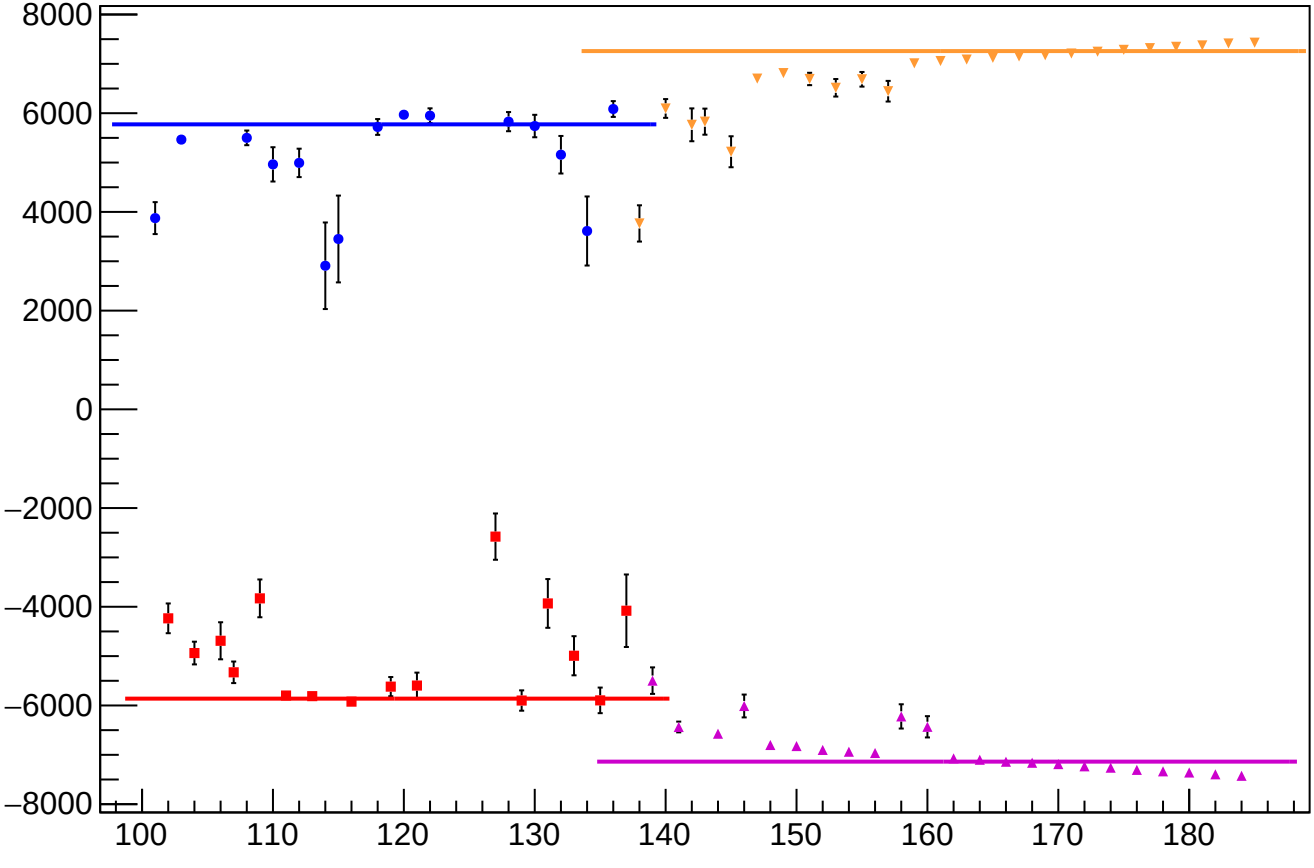
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 544.300+/-0.067 χ^2/NDF: 11467691043.9/47

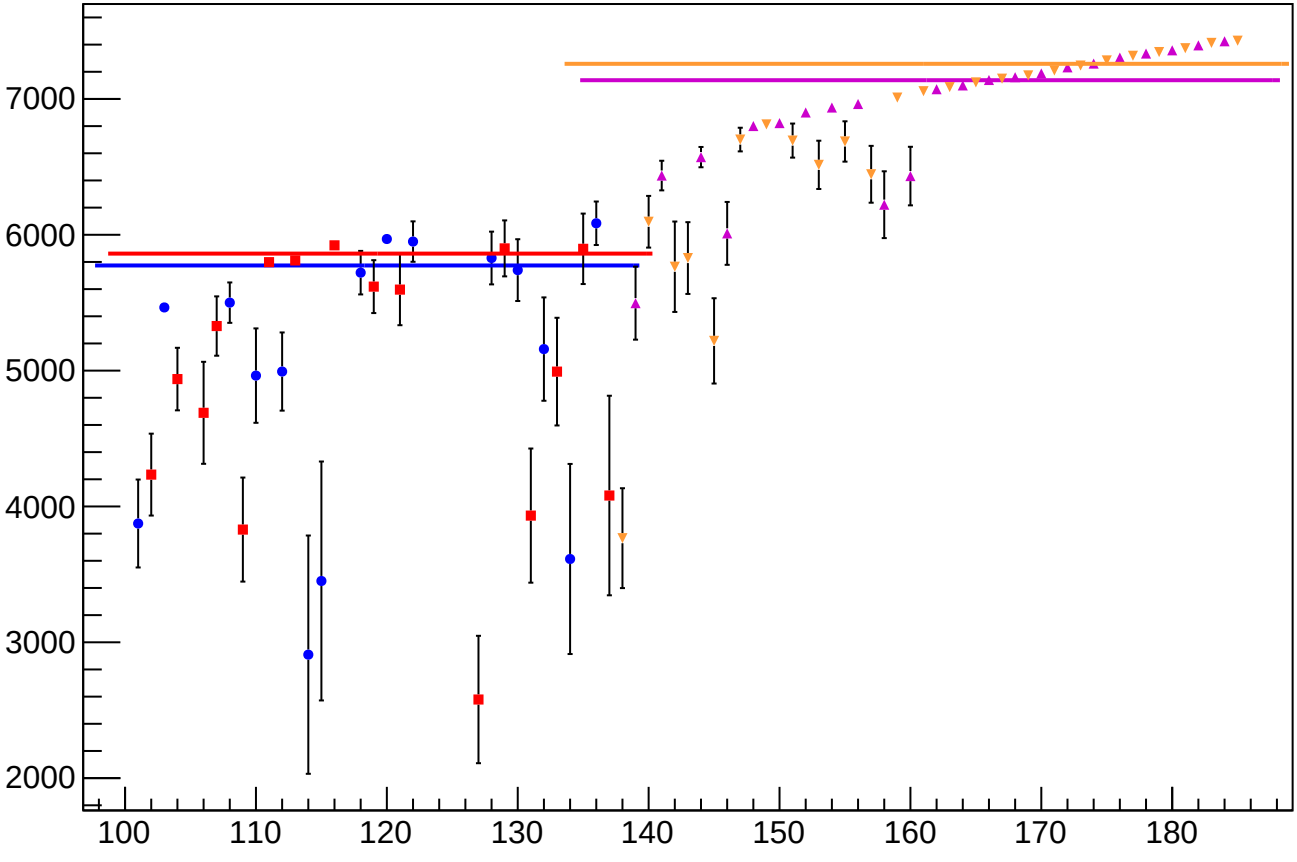
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 3294.134+/-0.077 χ^2/NDF:6170438889.1/40

All: -15.116+/-0.057 χ^2/NDF: 14311598667.5

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7202.367+/-0.067 χ^2/NDF: 9591818.2/47

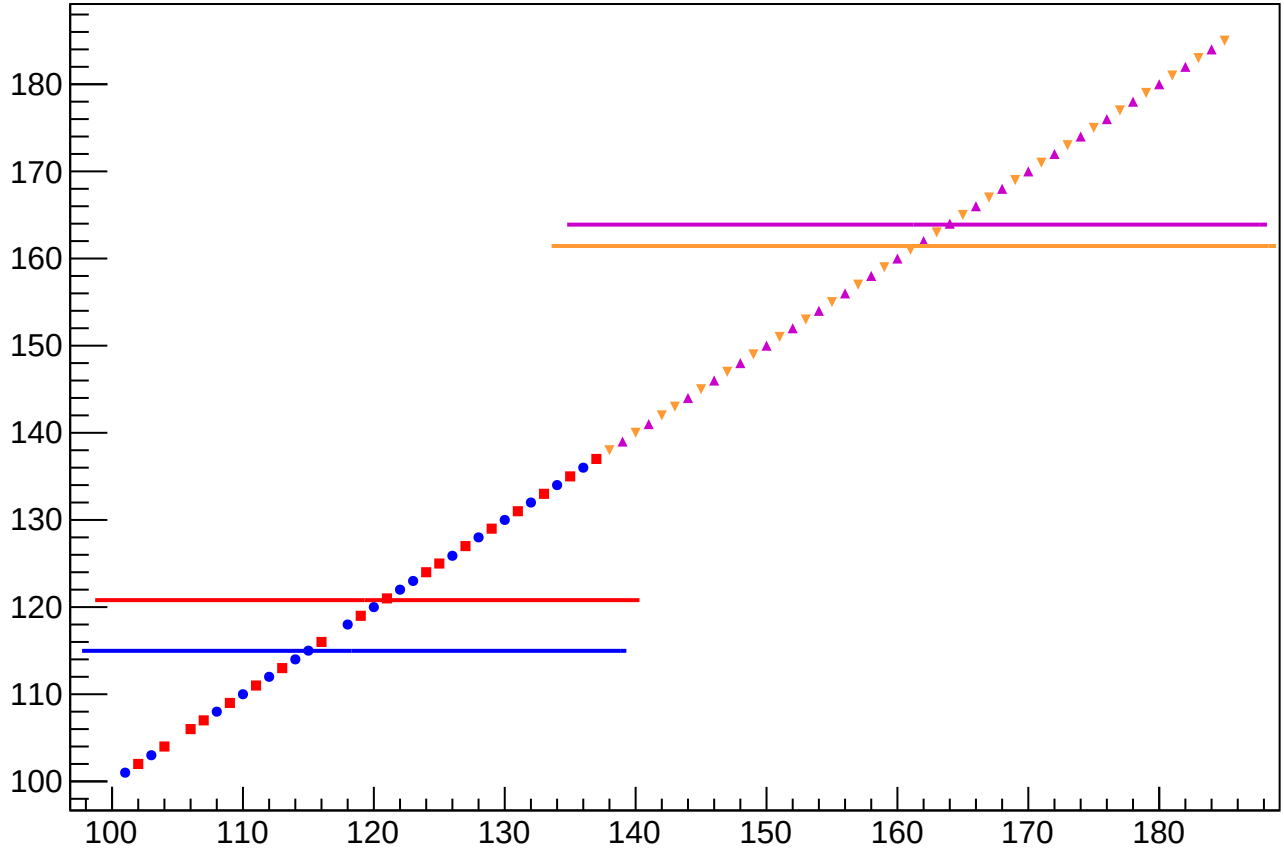
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6836.451+/-0.077 χ^2/NDF:74342923.0/40

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

dit_slug_slope vs Slug, Sign Corrected



Left: 162.851+/-0.000 χ^2/NDF: 3540465111321937

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.302+/-0.000 χ^2/NDF: 172044633770068

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

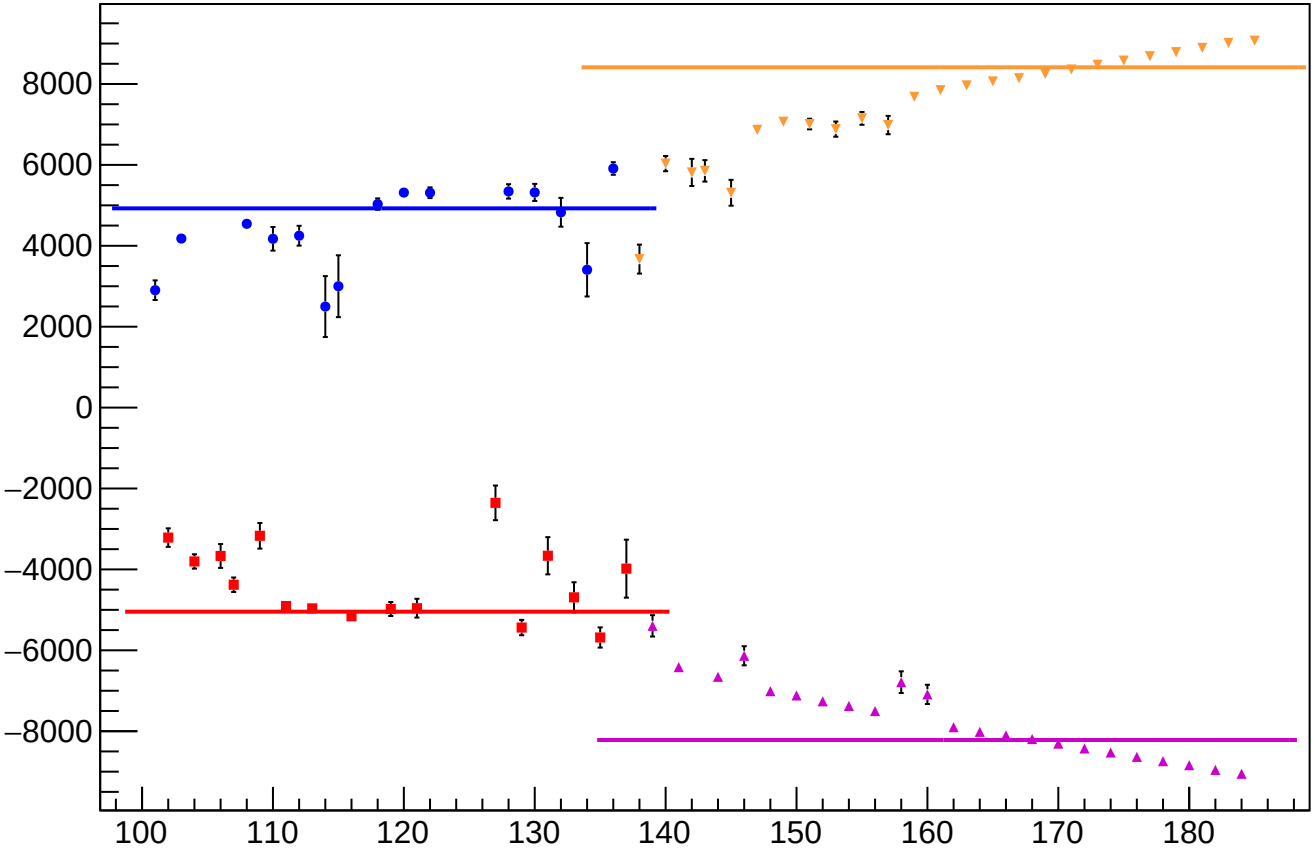
Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

Out: 141.079+/-0.000 χ^2/NDF:992205372524107 7

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

All: 139.354+/-0.000 χ^2/NDF: 299301426527

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -221.056+/-0.274 χ^2/NDF: 921962342.7/47

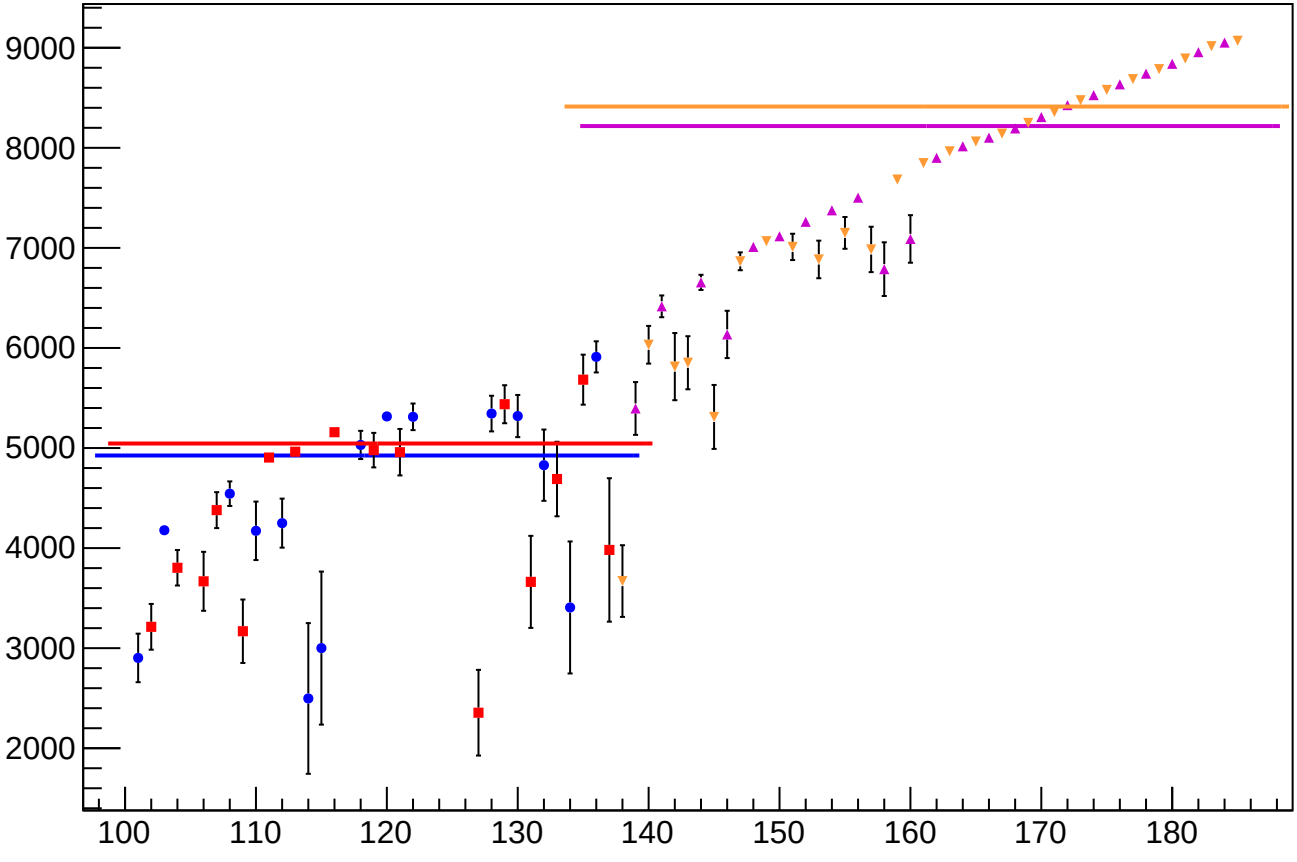
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4915.430+/-0.340 χ^2/NDF:302691560.4/40

All: -519.775+/-0.245 χ^2/NDF: 1003073907.0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8311.458+/-0.274 χ^2/NDF: 5206774.3/47

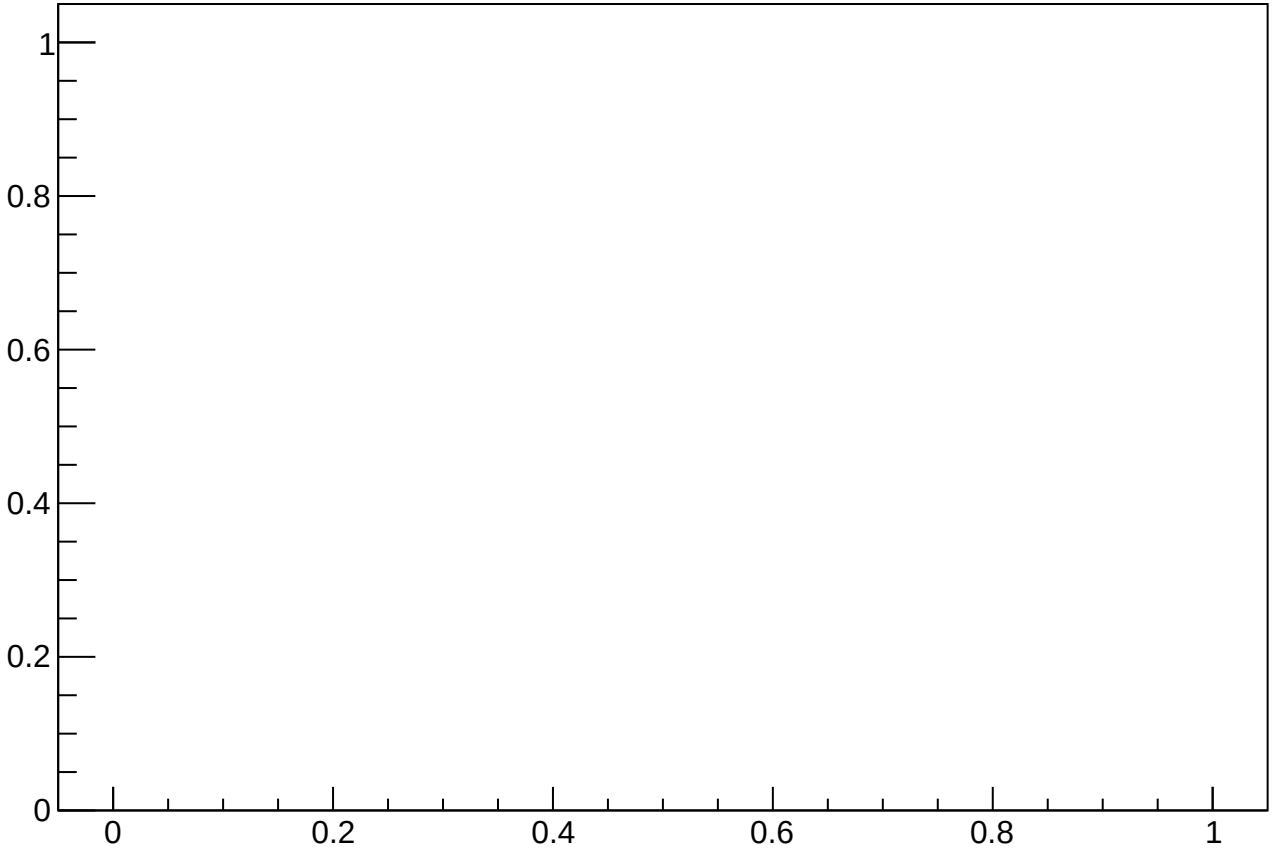
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7537.633+/-0.340 χ^2/NDF:20955273.2/40

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

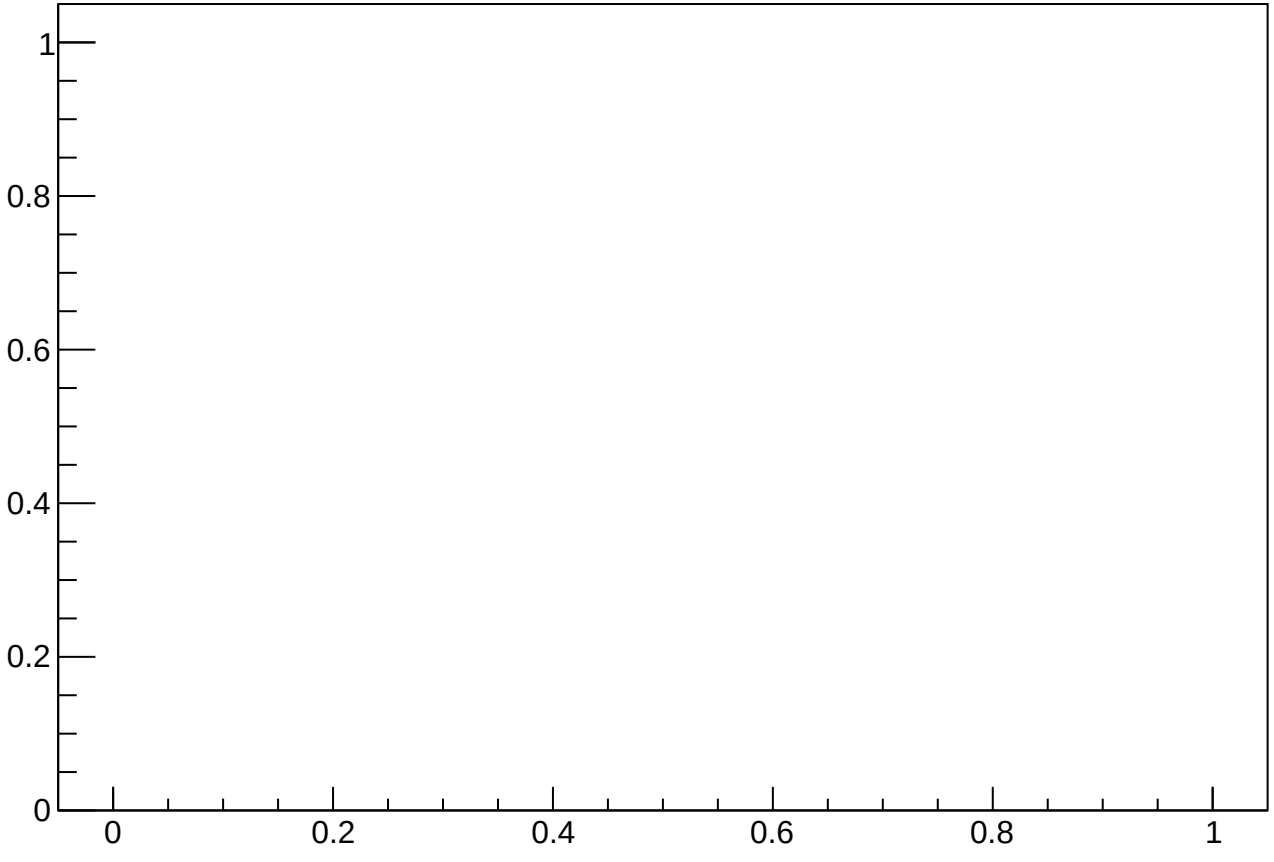
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

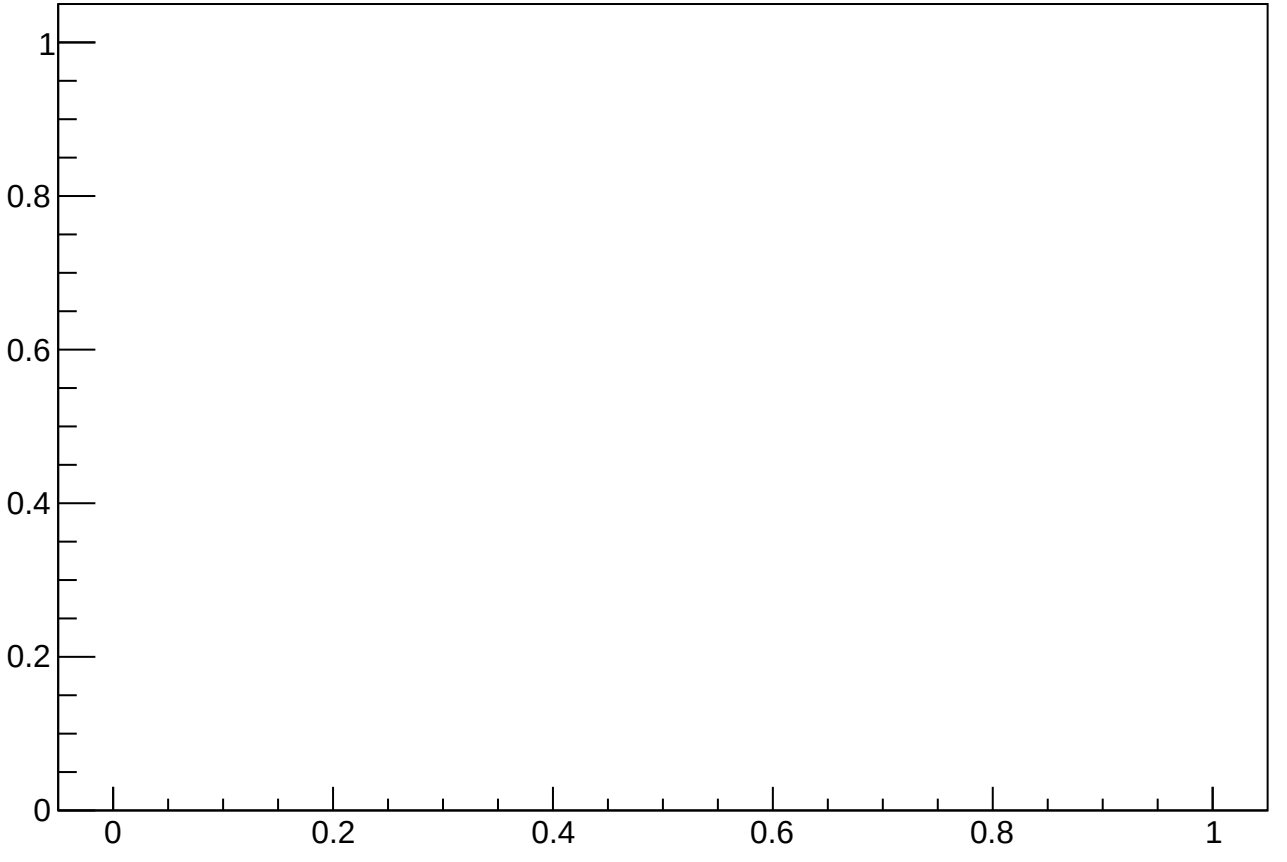
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

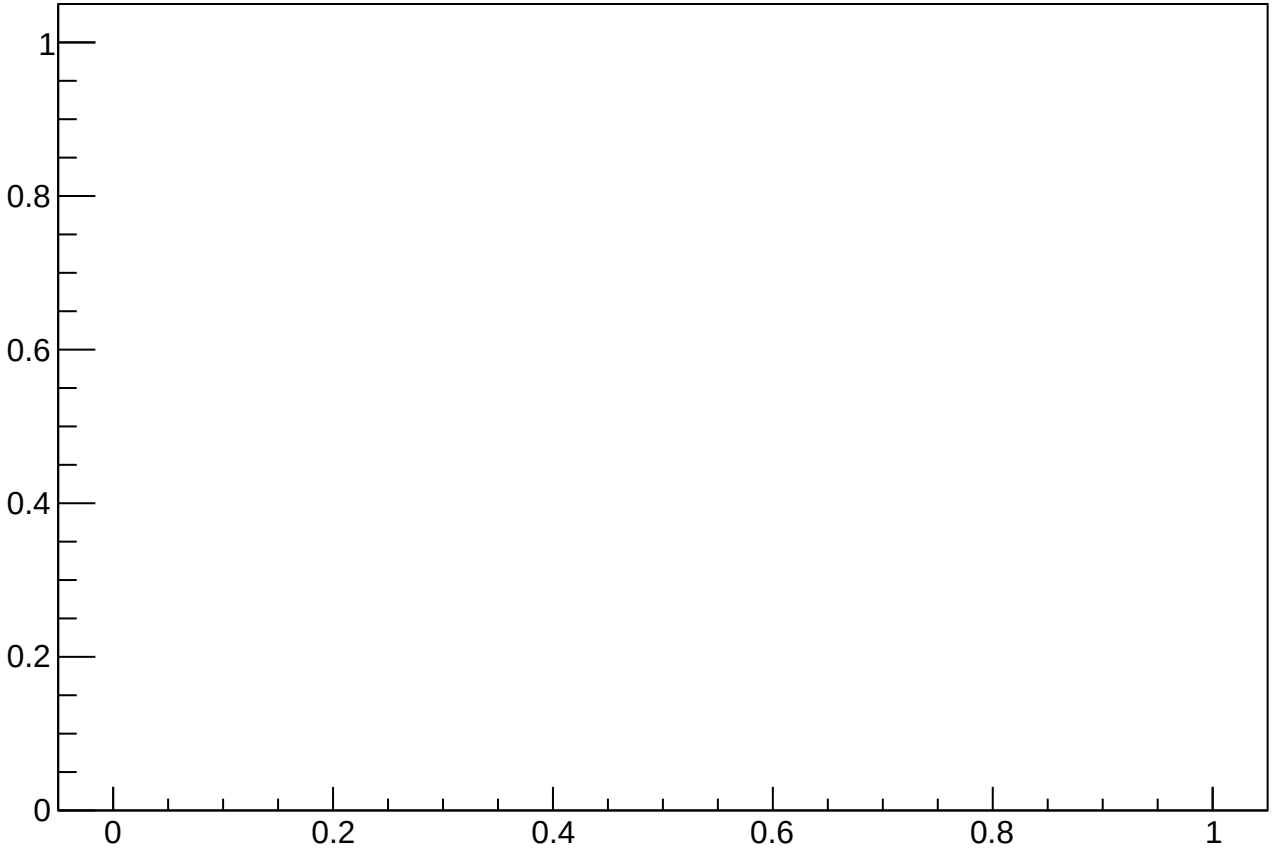
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

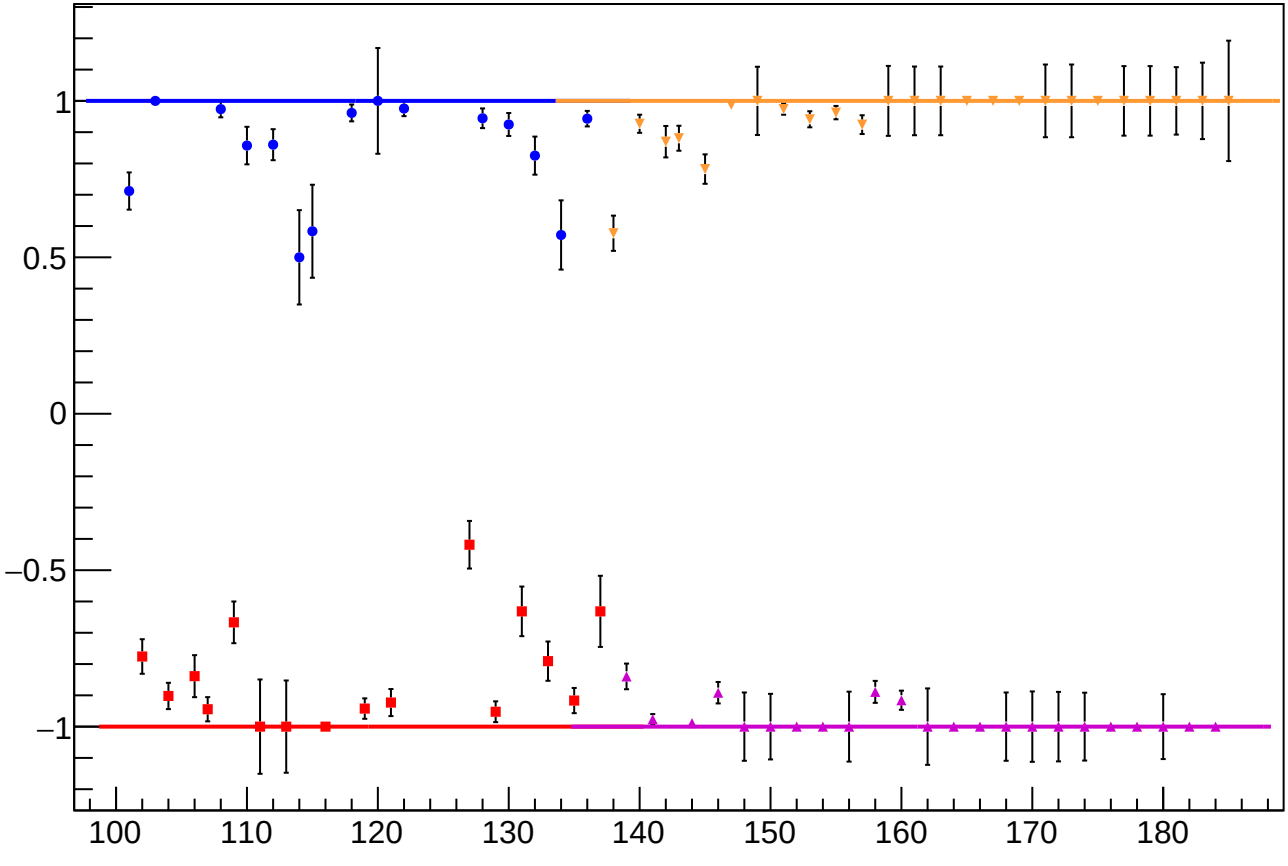
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

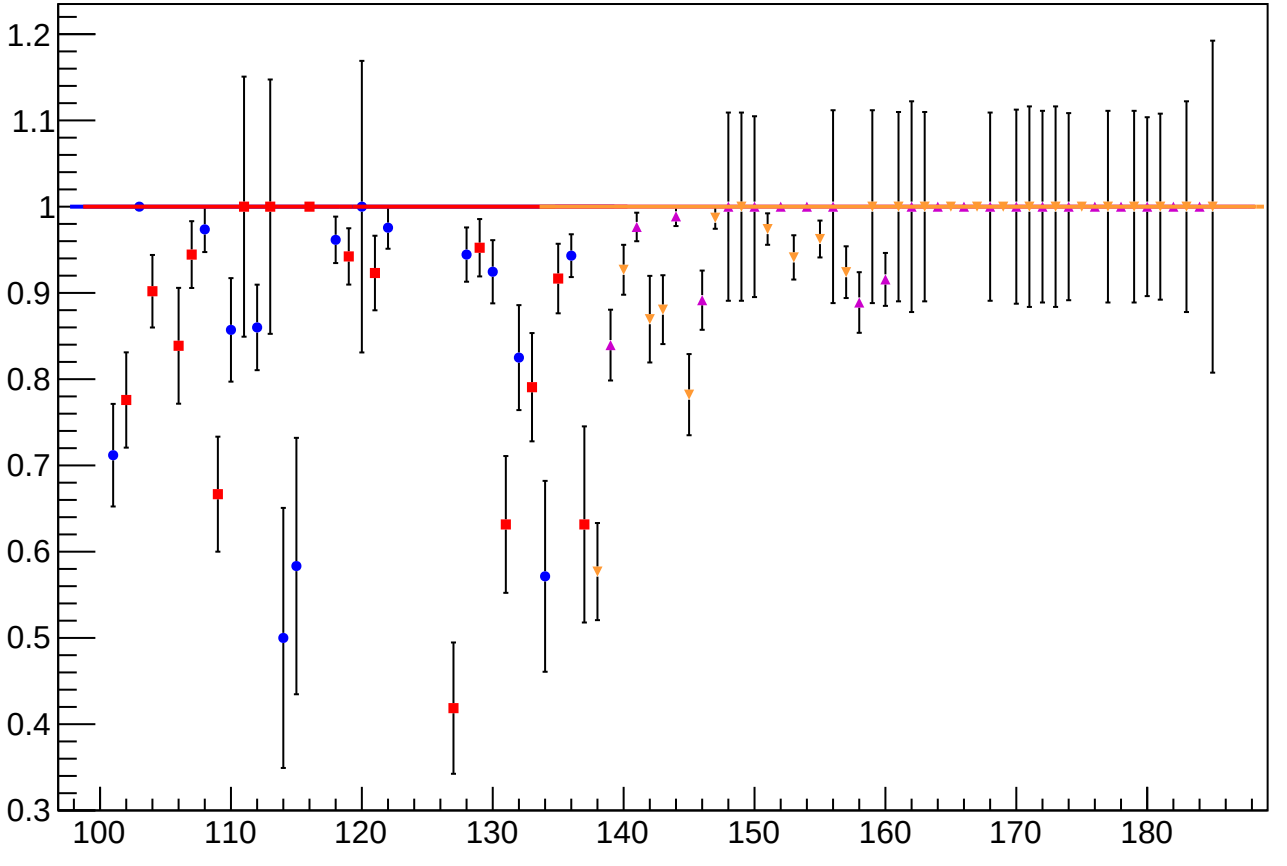
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/47

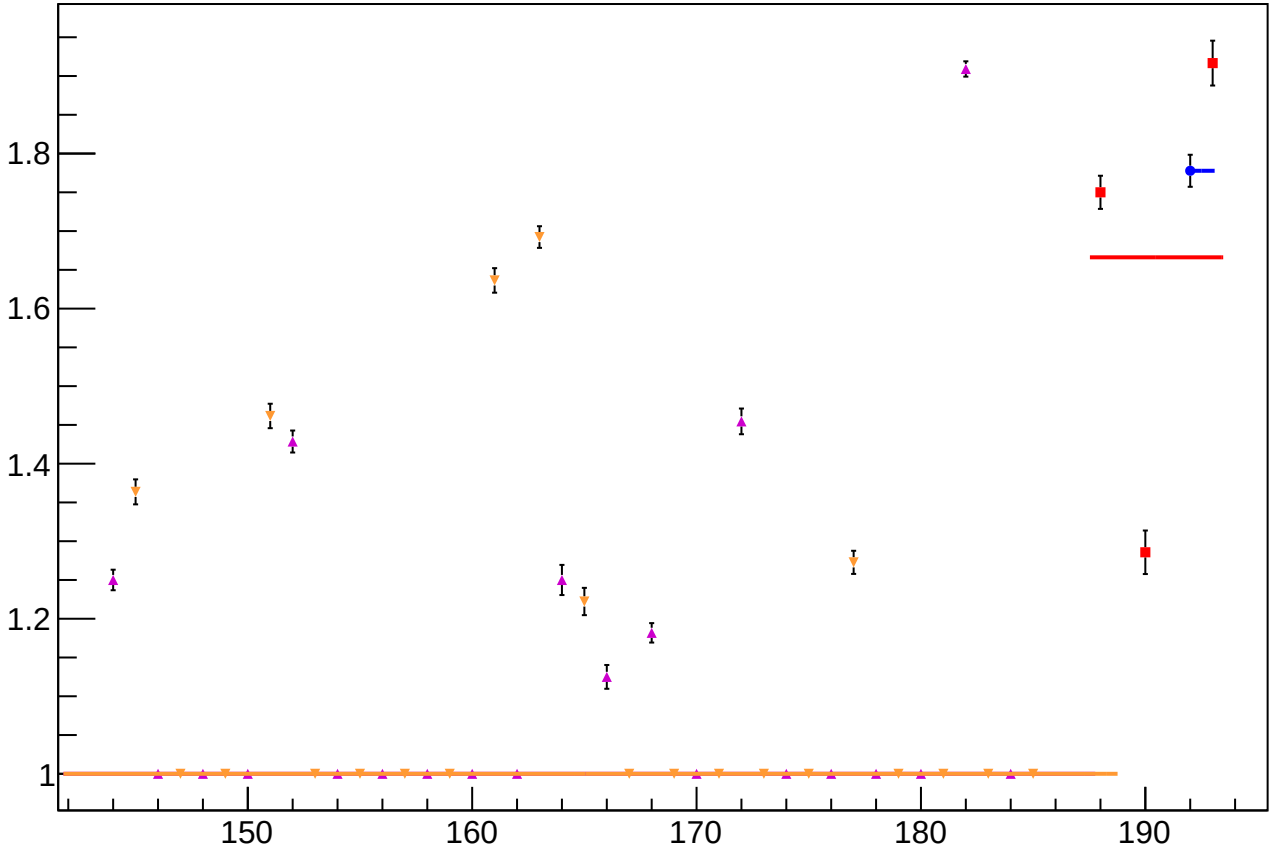
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/40

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.778+/-0.021 χ^2/NDF: 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.666+/-0.015 χ^2/NDF: 274.1/2

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

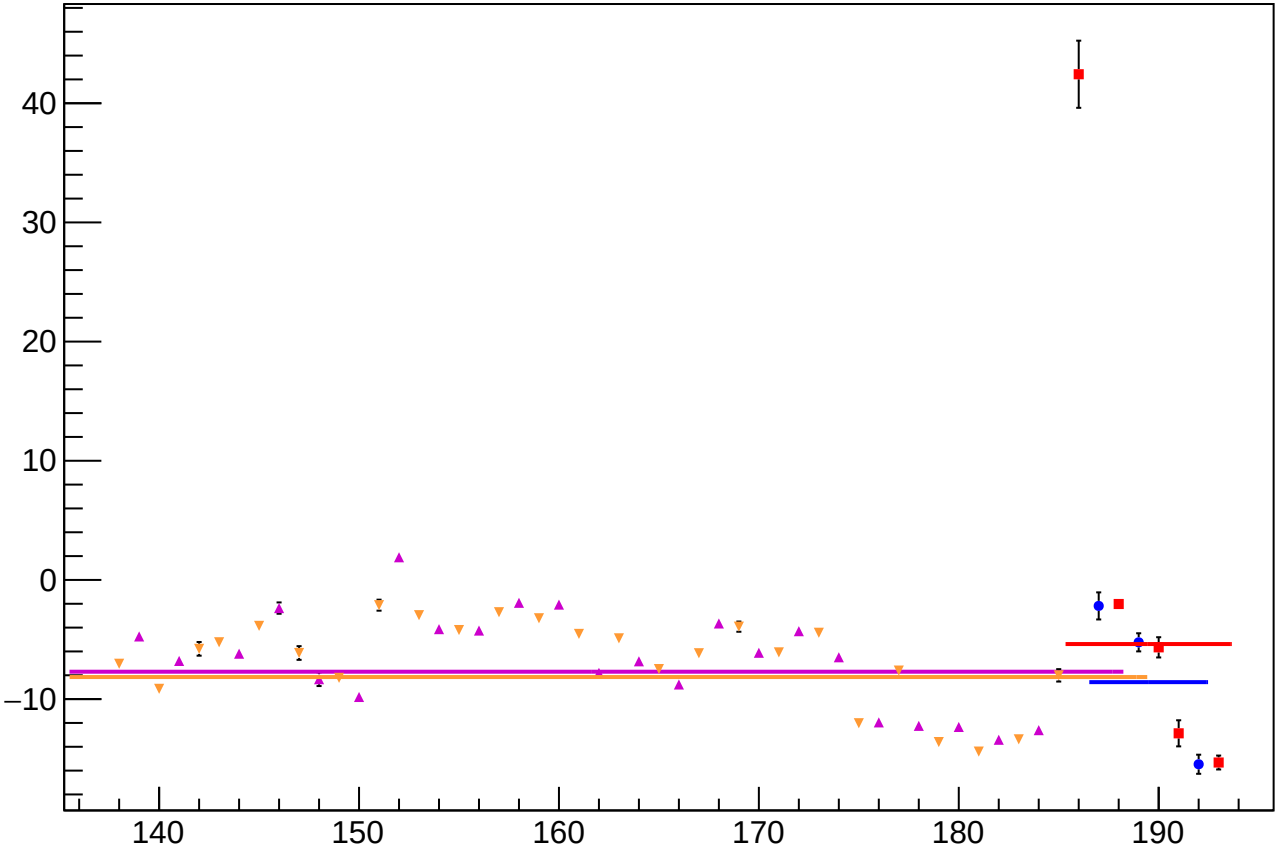
Right: 1.704+/-0.012 χ^2/NDF: 293.5/3

In: 1.000+/-0.000 χ^2/NDF:13506.5/21

Out: 1.000+/-0.000 χ^2/NDF:20954.5/23

All: 1.000+/-0.000 χ^2/NDF: 22869.5/45

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.576+/-0.496 χ^2/NDF: 124.9/2

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -5.380+/-0.266 χ^2/NDF: 724.7/4

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

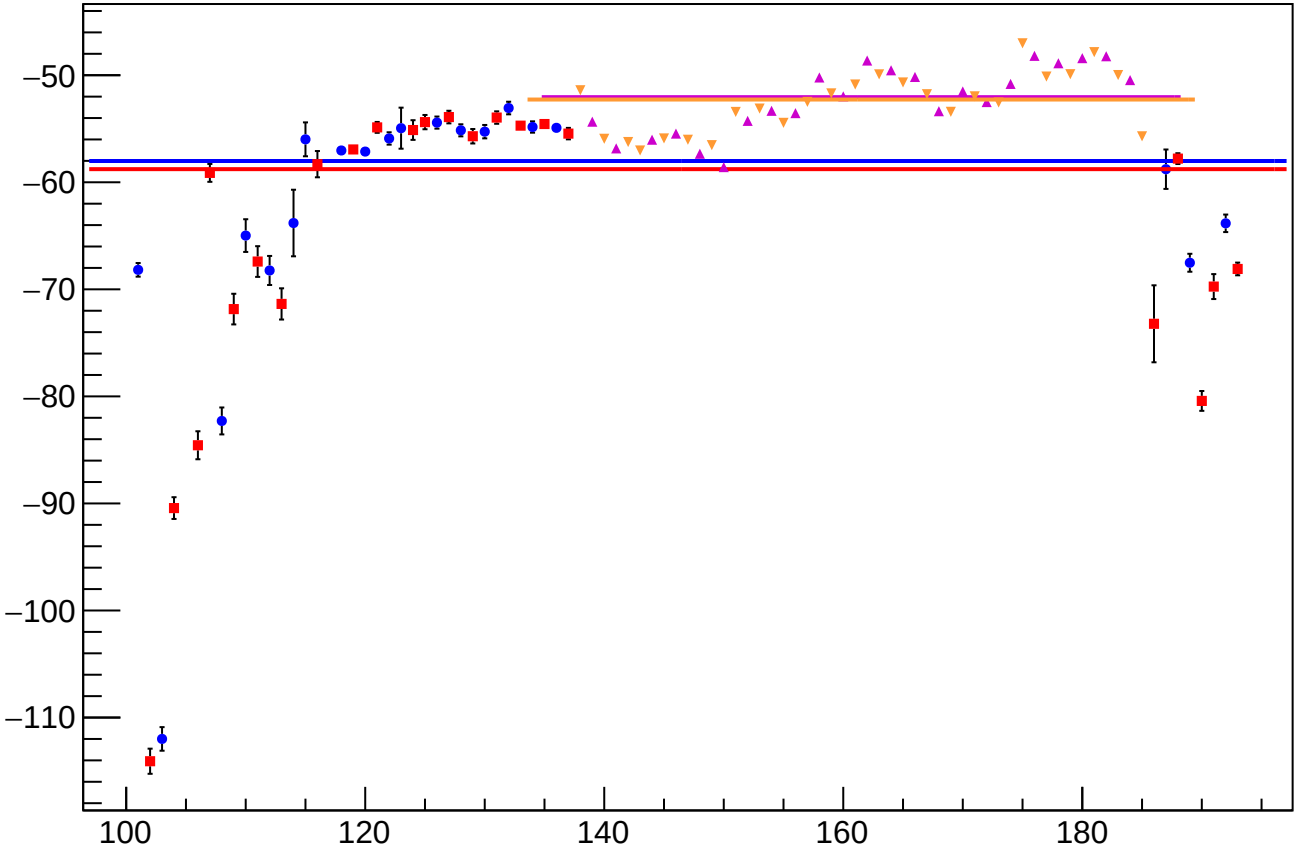
Right: -6.093+/-0.234 χ^2/NDF: 881.8/7

In: -7.718+/-0.068 χ^2/NDF:3865.2/25

Out: -7.981+/-0.065 χ^2/NDF:4439.6/29

All: -7.854+/-0.047 χ^2/NDF: 8312.6/55

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.013+/-0.137 χ^2/NDF: 3645.5/19

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -58.774+/-0.132 χ^2/NDF: 5306.9/22

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

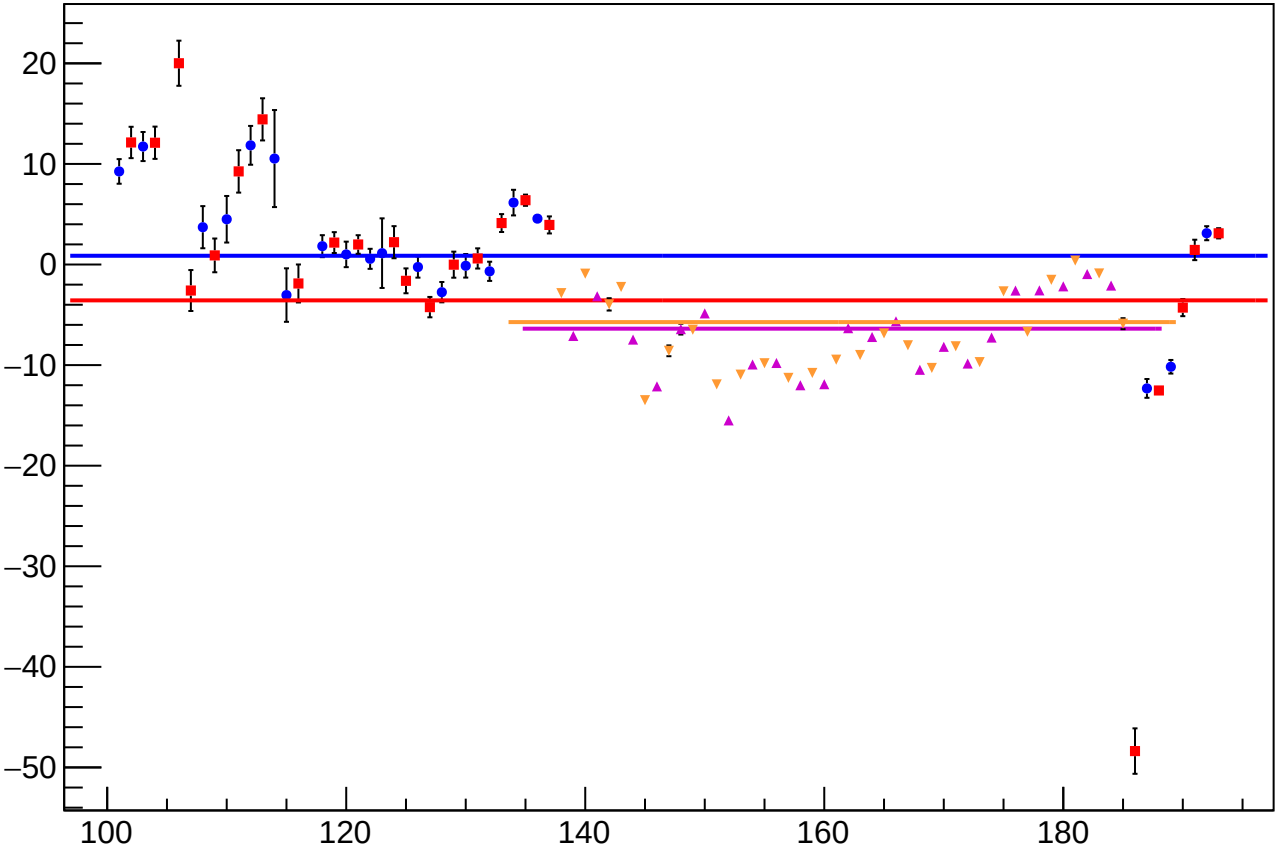
Right: -58.409+/-0.095 χ^2/NDF: 8968.4/42

In: -52.928+/-0.053 χ^2/NDF:8455.5/42

Out: -53.241+/-0.051 χ^2/NDF:9986.9/47

All: -53.090+/-0.037 χ^2/NDF: 18460.7/90

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.871+/-0.221 χ^2/NDF: 741.0/19

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -3.565+/-0.172 χ^2/NDF: 2678.1/22

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

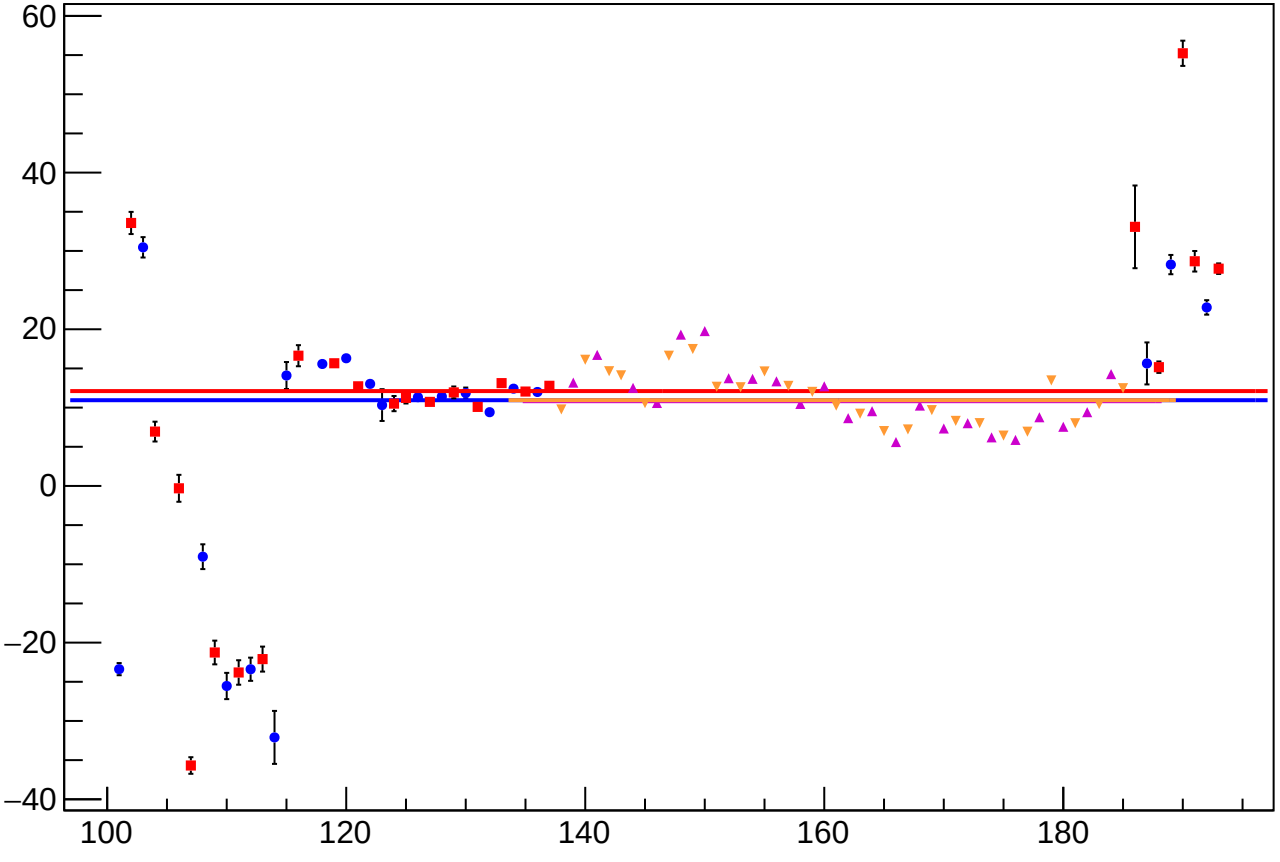
Right: -1.894+/-0.136 χ^2/NDF: 3669.8/42

In: -5.748+/-0.065 χ^2/NDF:5117.4/42

Out: -5.435+/-0.063 χ^2/NDF:6803.7/47

All: -5.586+/-0.045 χ^2/NDF: 11933.0/90

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.944+/-0.153 χ^2/NDF: 4094.3/19

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 12.109+/-0.151 χ^2/NDF: 5352.2/22

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

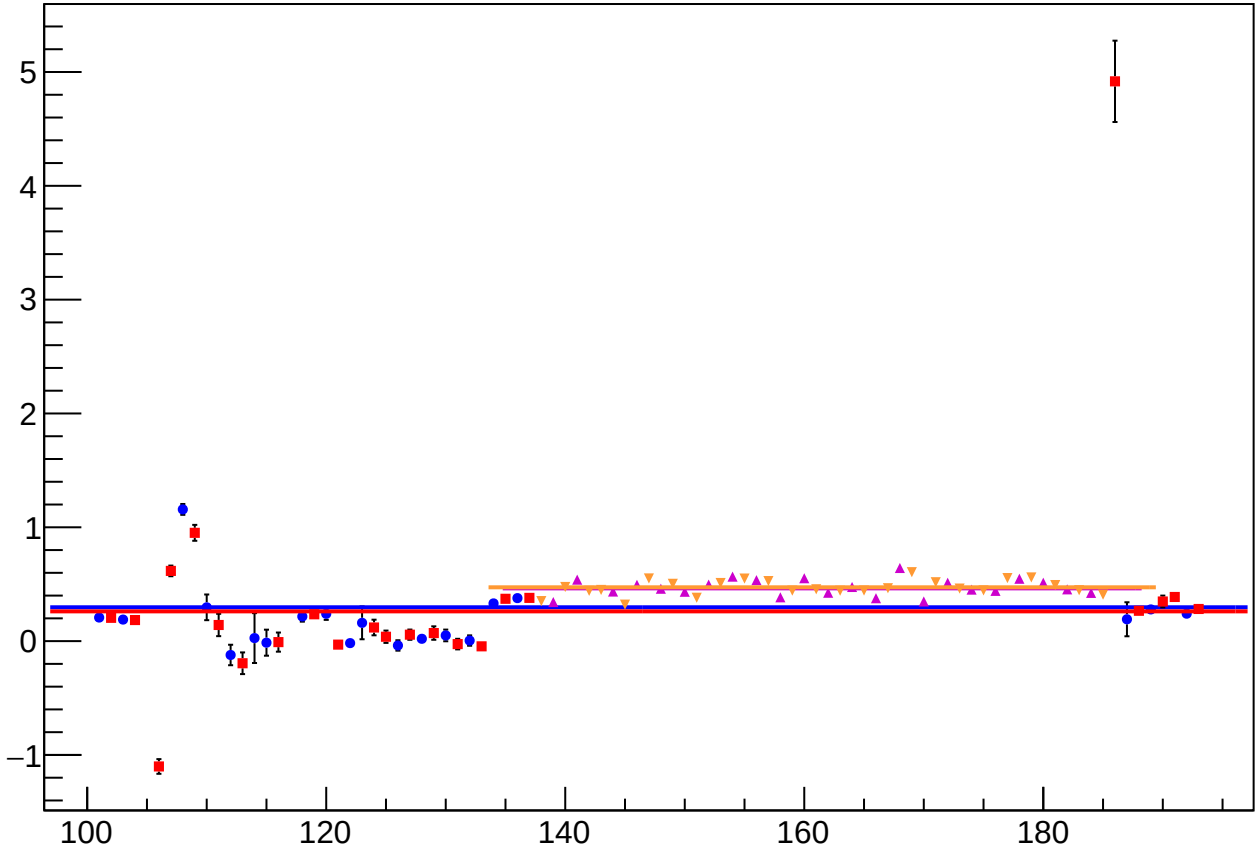
Right: 11.536+/-0.107 χ^2/NDF: 9475.9/42

In: 10.836+/-0.058 χ^2/NDF:7672.6/42

Out: 11.116+/-0.057 χ^2/NDF:8023.3/47

All: 10.979+/-0.041 χ^2/NDF: 15707.7/90

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.297+/-0.008 χ^2/NDF: 651.4/19

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.261+/-0.007 χ^2/NDF: 1141.9/22

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

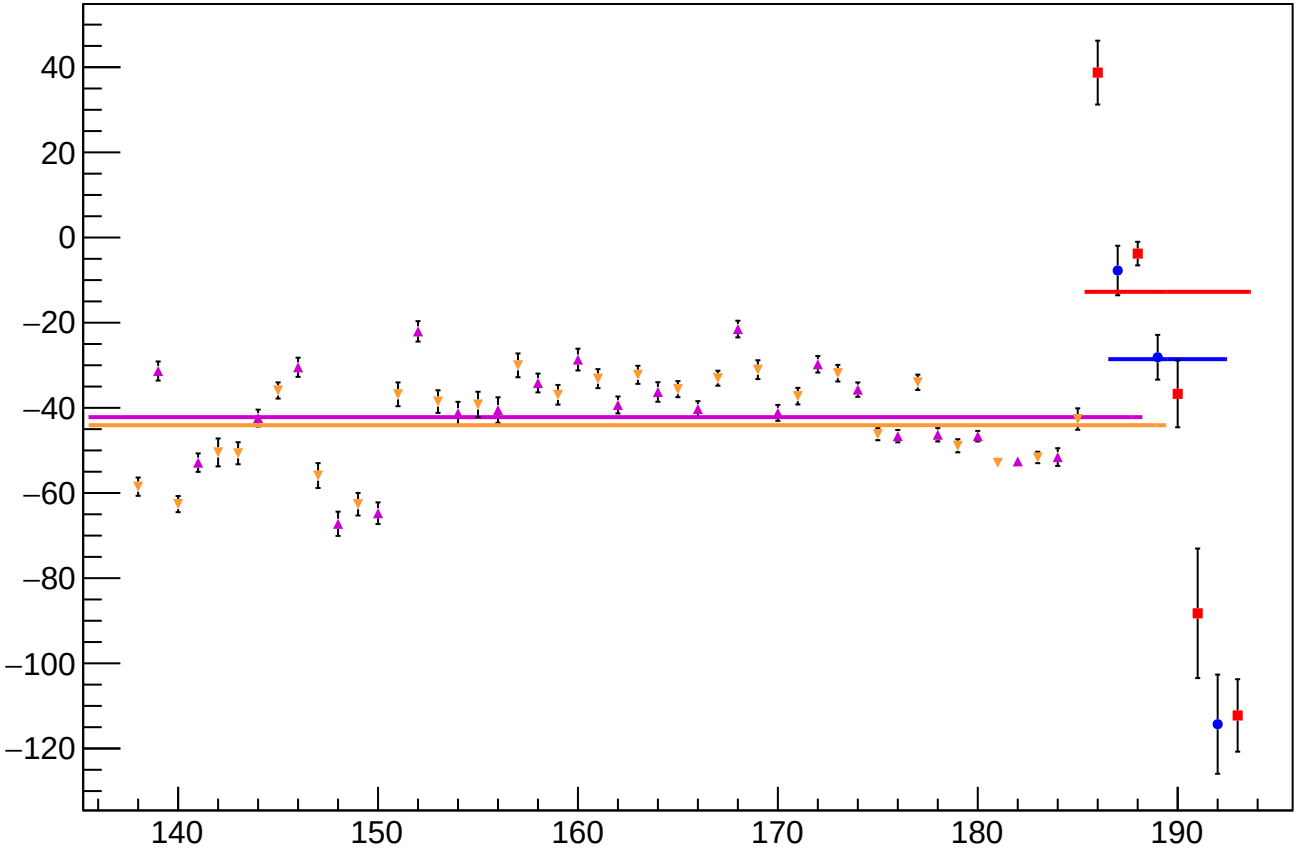
Right: 0.279+/-0.005 χ^2/NDF: 1804.5/42

In: 0.445+/-0.003 χ^2/NDF:1808.5/42

Out: 0.447+/-0.003 χ^2/NDF:2370.4/47

All: 0.446+/-0.002 χ^2/NDF: 4179.2/90

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.564+/-3.697 χ^2/NDF: 67.0/2

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -12.752+/-2.338 χ^2/NDF: 228.4/4

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

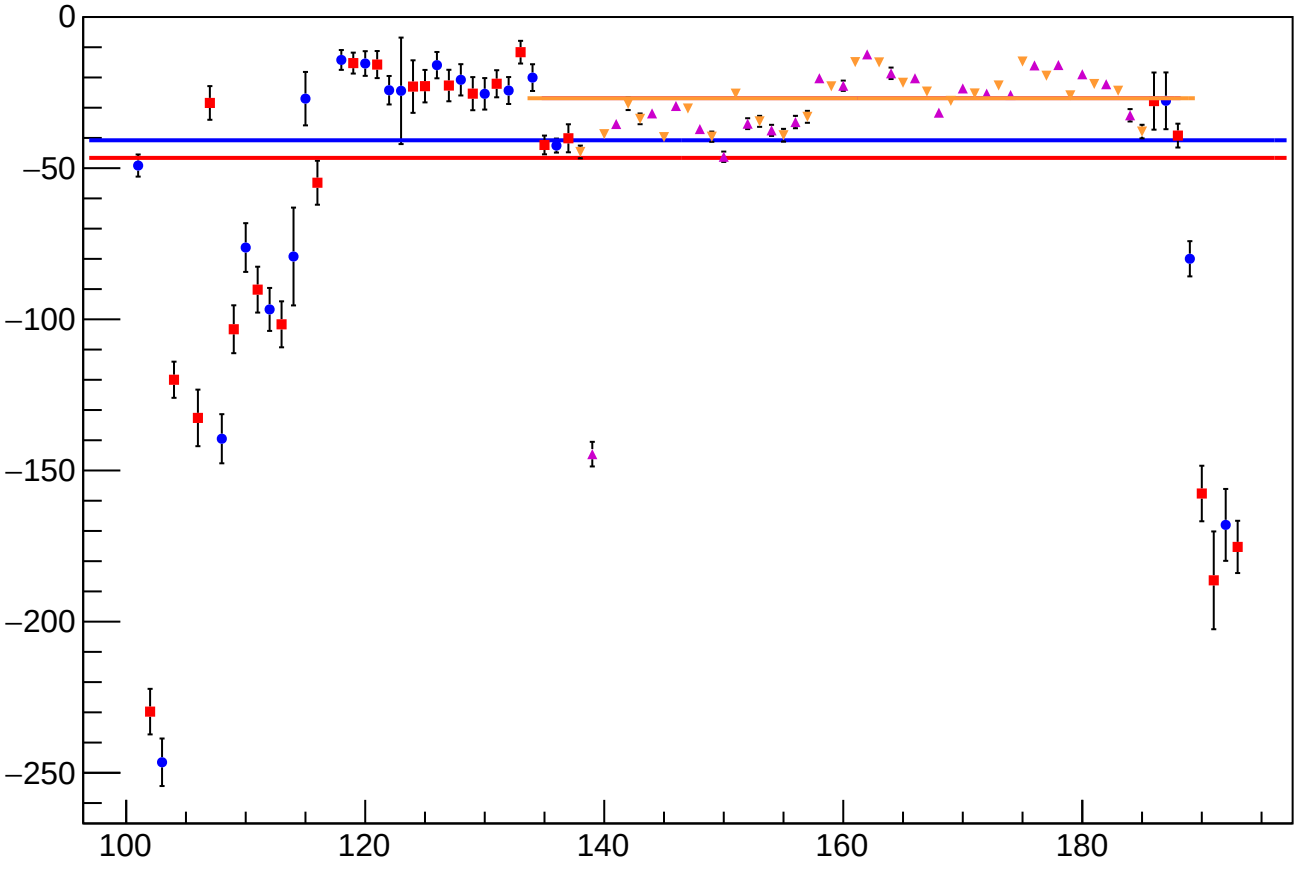
Right: -17.269+/-1.976 χ^2/NDF: 308.4/7

In: -42.030+/-0.395 χ^2/NDF:731.4/25

Out: -43.229+/-0.384 χ^2/NDF:1035.8/29

All: -42.647+/-0.275 χ^2/NDF: 1772.0/55

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.774+/-1.103 χ^2/NDF: 1299.1/19

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -46.600+/-1.128 χ^2/NDF: 1737.3/22

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

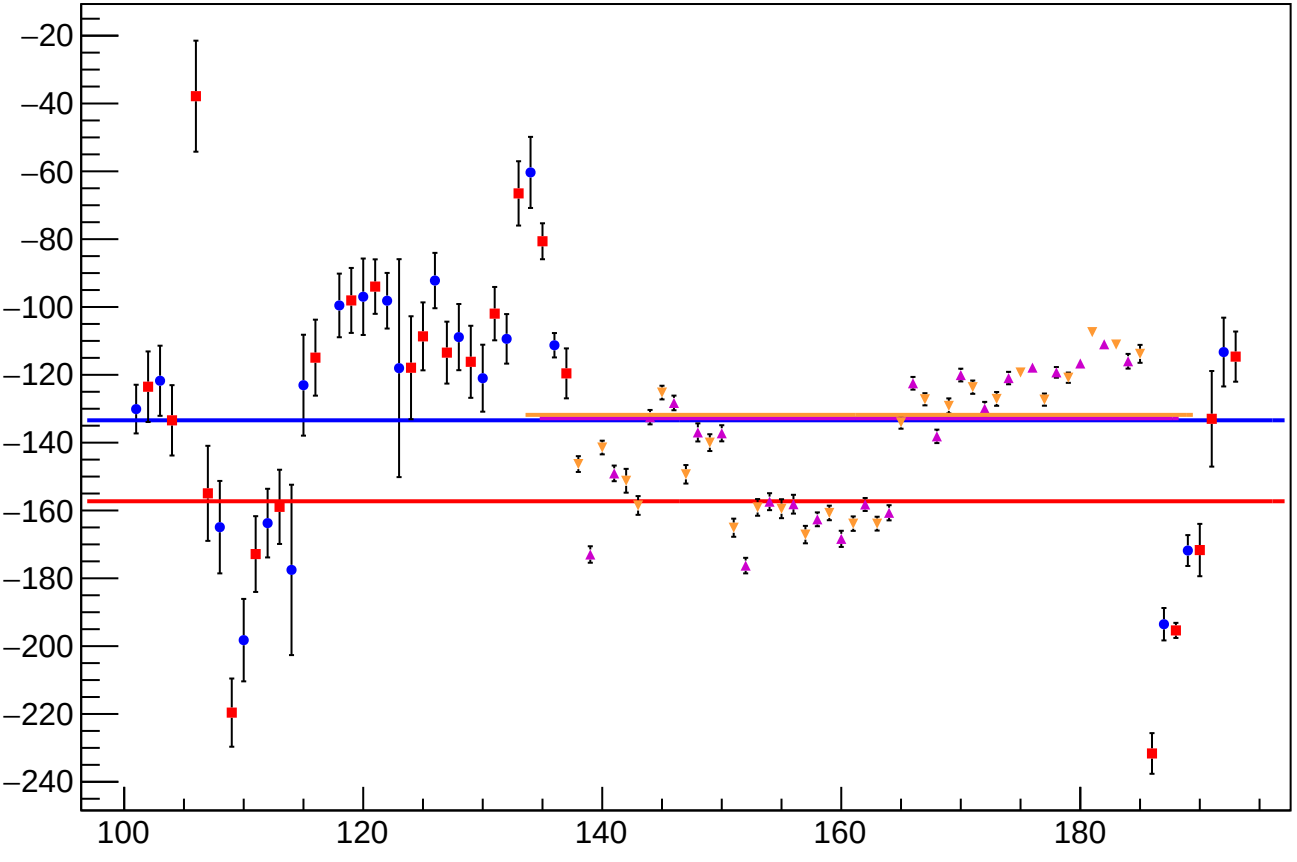
Right: -43.622+/-0.789 χ^2/NDF: 3050.0/42

In: -27.942+/-0.312 χ^2/NDF:2927.7/42

Out: -28.311+/-0.305 χ^2/NDF:2650.0/47

All: -28.131+/-0.218 χ^2/NDF: 5578.4/90

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.411+/-1.729 χ^2/NDF: 454.0/19

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -157.282+/-1.453 χ^2/NDF: 1154.1/22

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

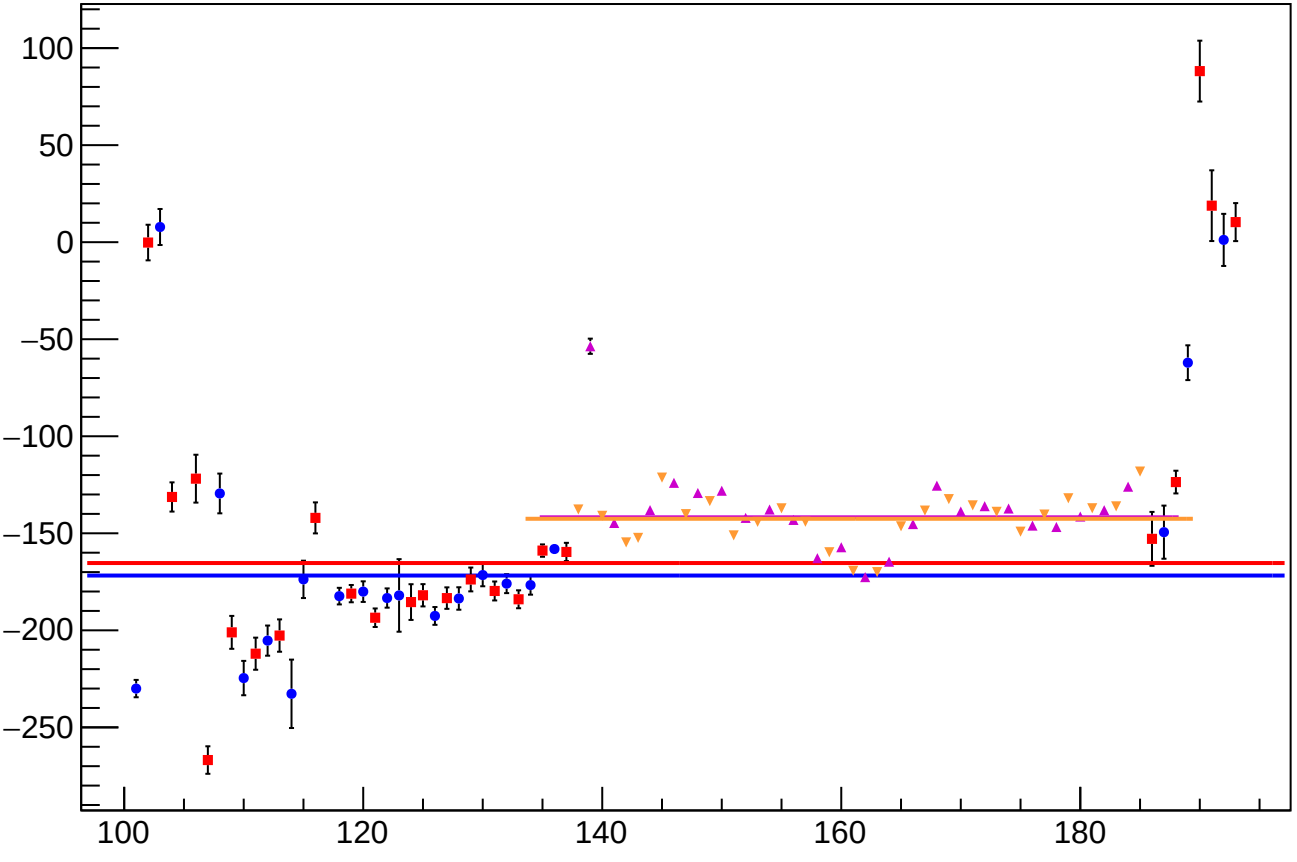
Right: -147.400+/-1.112 χ^2/NDF: 1719.8/42

In: -132.829+/-0.388 χ^2/NDF:2970.0/42

Out: -133.534+/-0.379 χ^2/NDF:3857.6/47

All: -133.190+/-0.271 χ^2/NDF: 6829.4/90

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -171.769+/-1.244 χ^2/NDF: 1020.9/19

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -165.325+/-1.296 χ^2/NDF: 1480.5/22

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

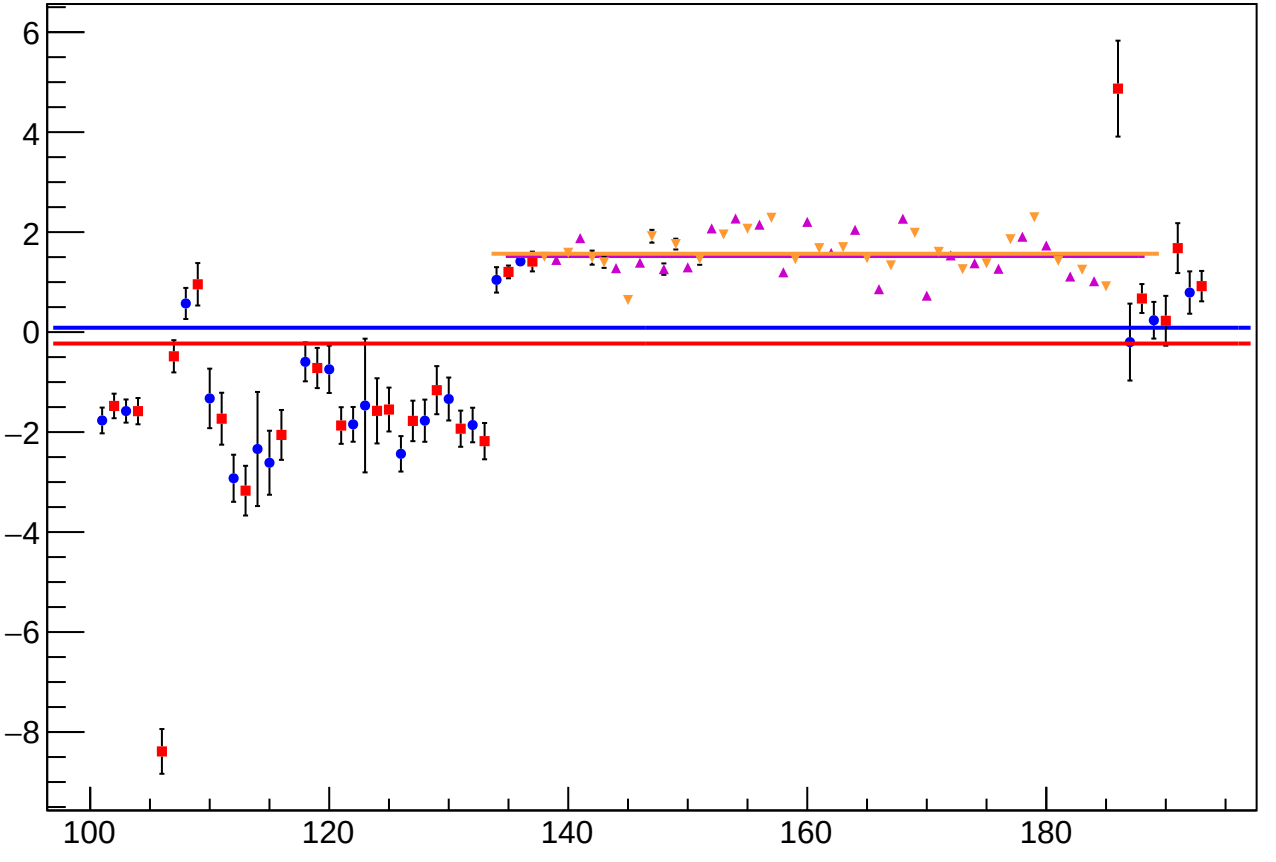
Right: -168.678+/-0.898 χ^2/NDF: 2514.3/42

In: -144.117+/-0.348 χ^2/NDF:3160.9/42

Out: -144.106+/-0.342 χ^2/NDF:2912.7/47

All: -144.112+/-0.244 χ^2/NDF: 6073.6/90

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.087+/-0.065 χ^2/NDF: 529.3/19

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.229+/-0.066 χ^2/NDF: 817.0/22

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

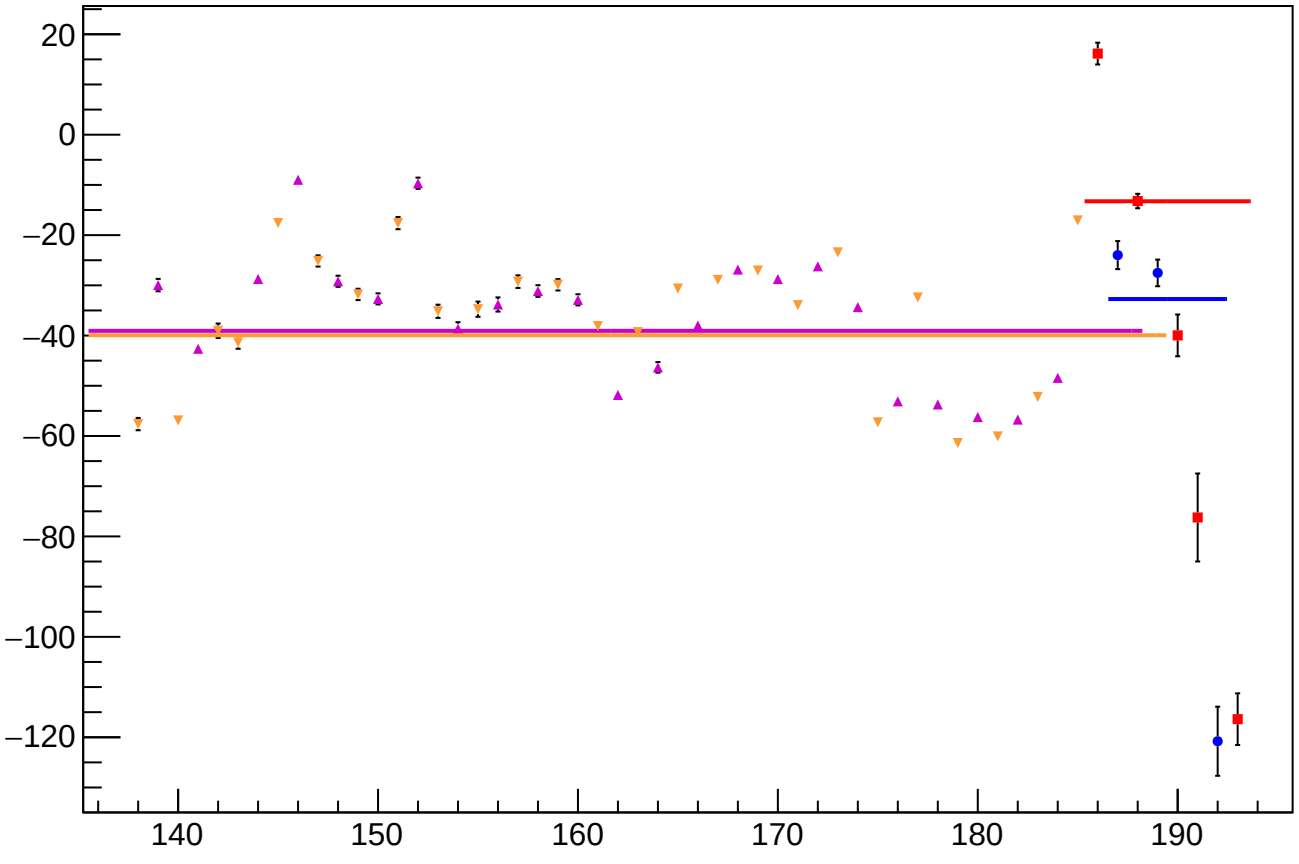
Right: -0.068+/-0.046 χ^2/NDF: 1357.9/42

In: 1.435+/-0.016 χ^2/NDF:1728.1/42

Out: 1.466+/-0.016 χ^2/NDF:2054.5/47

All: 1.451+/-0.011 χ^2/NDF: 3784.5/90

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.727+/-1.853 χ^2/NDF: 177.4/2

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -13.260+/-1.116 χ^2/NDF: 677.8/4

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

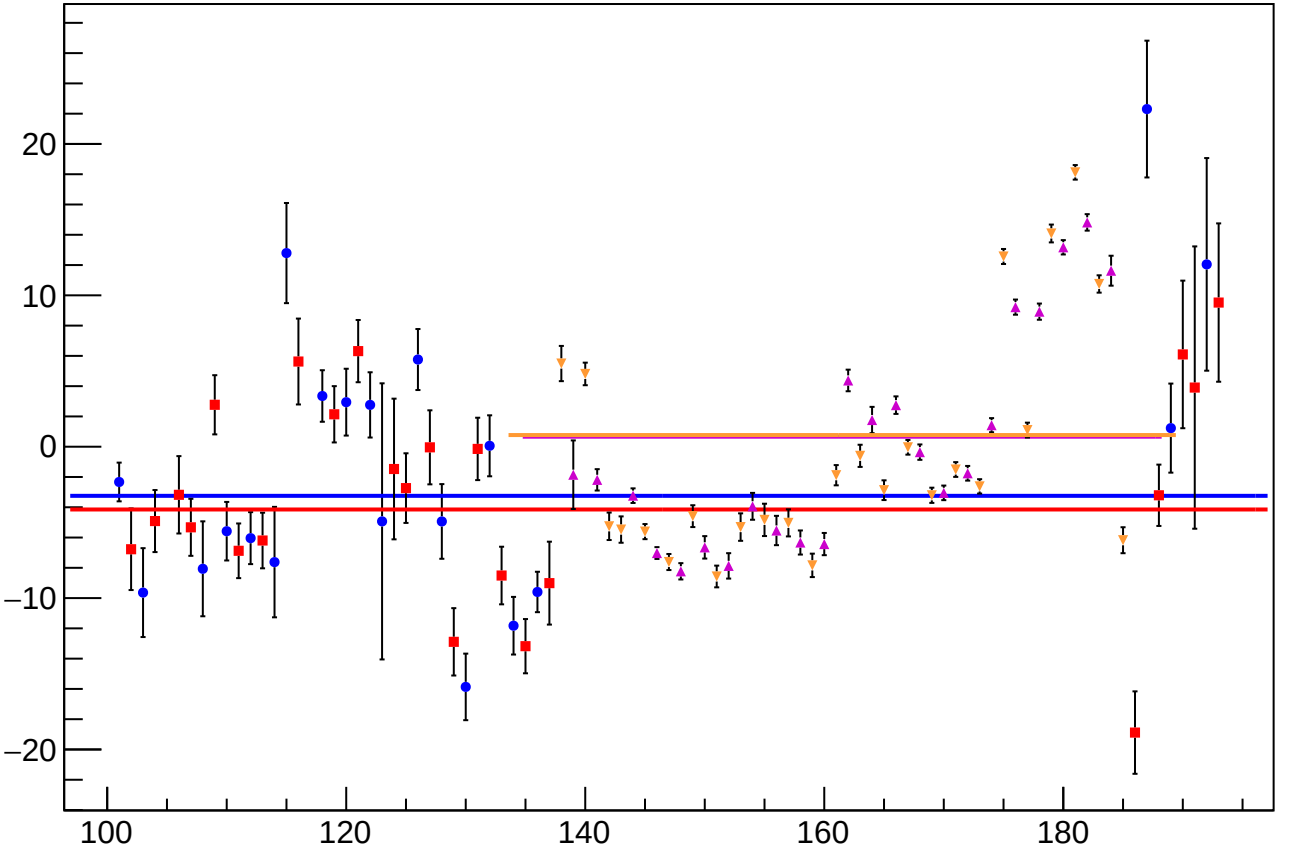
Right: -18.442+/-0.956 χ^2/NDF: 936.2/7

In: -39.017+/-0.153 χ^2/NDF:8766.0/25

Out: -39.448+/-0.152 χ^2/NDF:11045.0/29

All: -39.234+/-0.108 χ^2/NDF: 19814.9/55

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.245+/-0.484 χ^2/NDF: 205.4/19

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -4.147+/-0.479 χ^2/NDF: 164.9/22

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

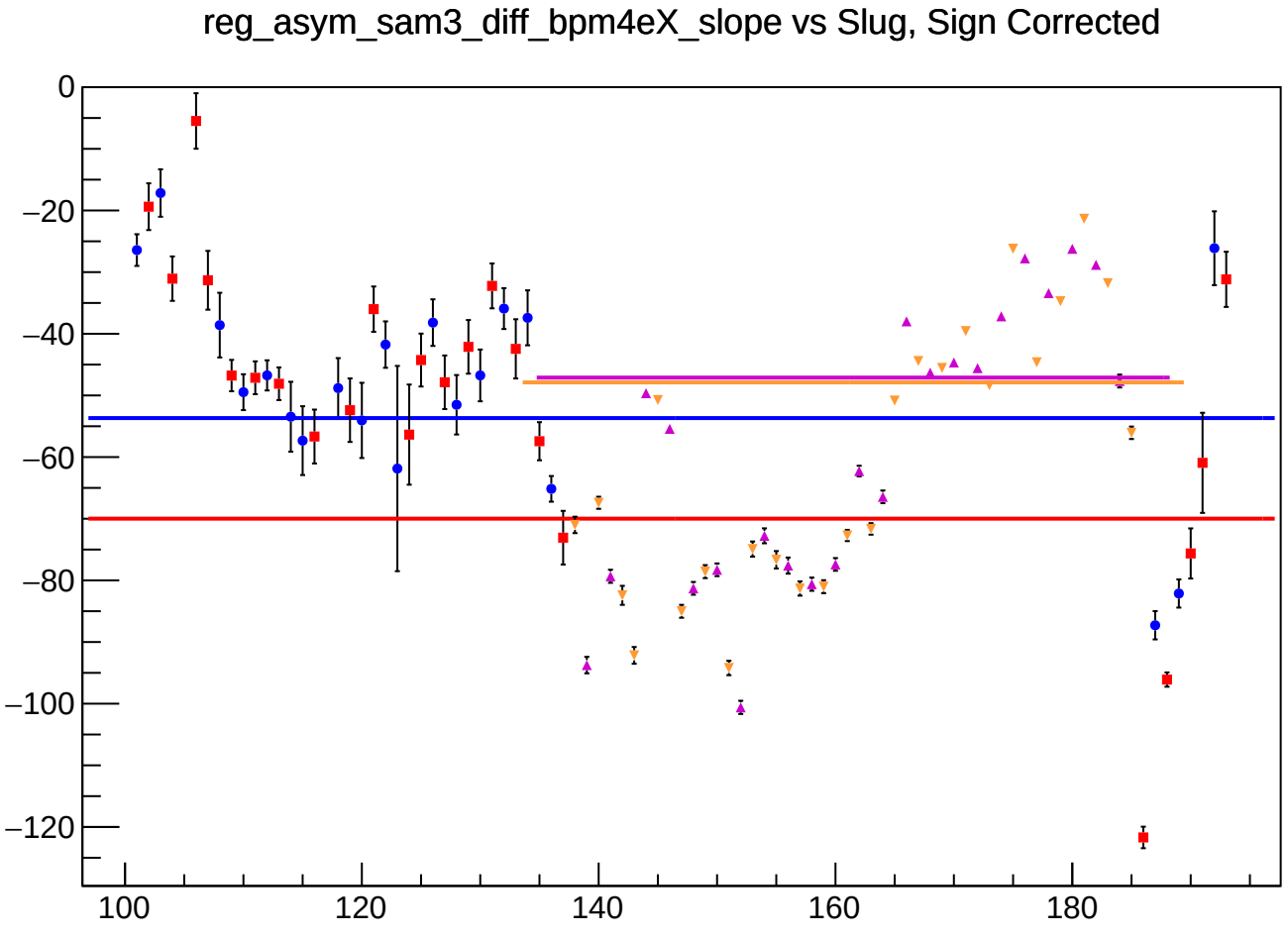
Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

Right: -3.700+/-0.341 χ^2/NDF: 372.1/42

In: 0.422+/-0.120 χ^2/NDF:3607.4/42

Out: 0.460+/-0.120 χ^2/NDF:4216.5/47

All: 0.441+/-0.085 χ^2/NDF: 7824.0/90



Right In: -53.673+/-0.768 χ^2/NDF: 714.8/19

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -69.988+/-0.634 χ^2/NDF: 2624.5/22

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

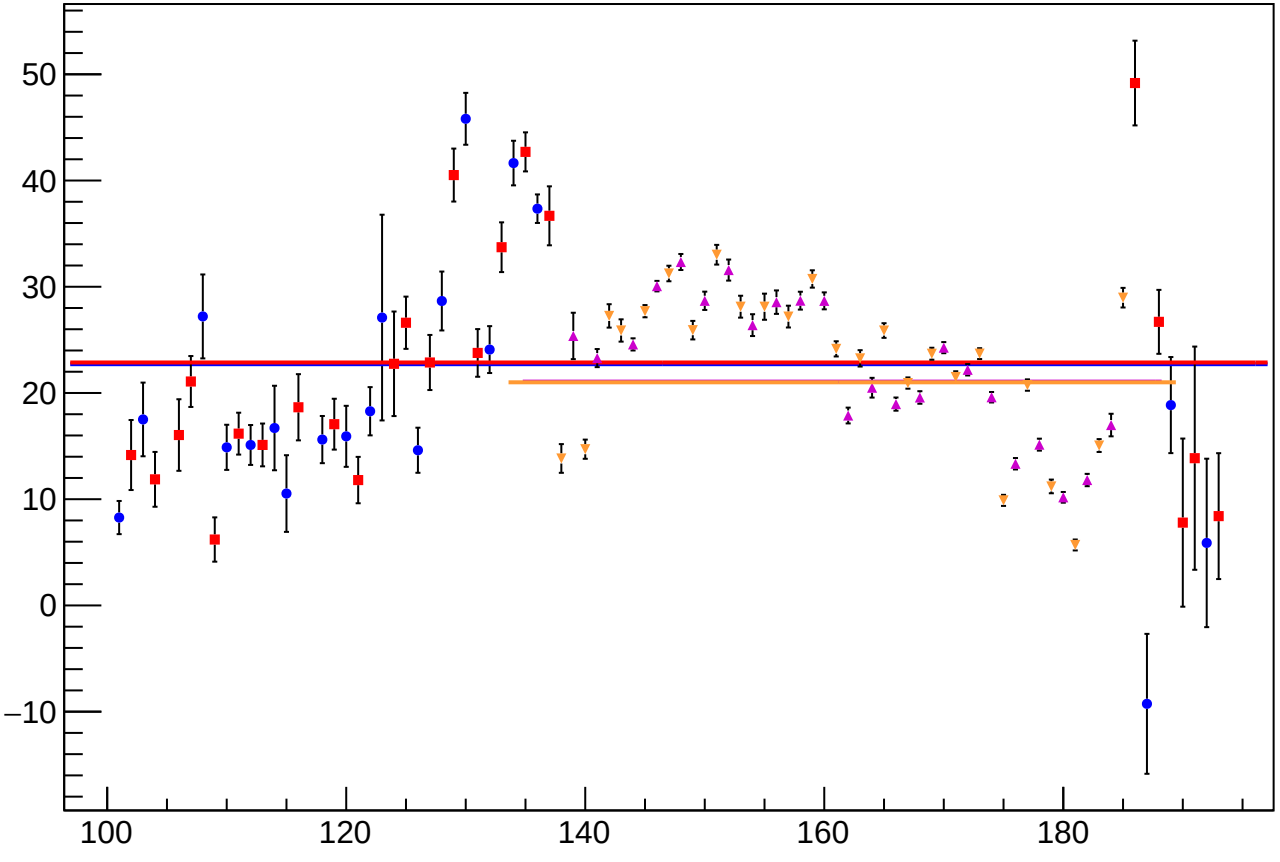
Right: -63.377+/-0.489 χ^2/NDF: 3608.0/42

In: -47.369+/-0.152 χ^2/NDF:16439.8/42

Out: -49.133+/-0.150 χ^2/NDF:20480.1/47

All: -48.259+/-0.107 χ^2/NDF: 36988.1/90

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.548 χ^2/NDF: 490.4/19

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.871+/-0.553 χ^2/NDF: 424.0/22

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

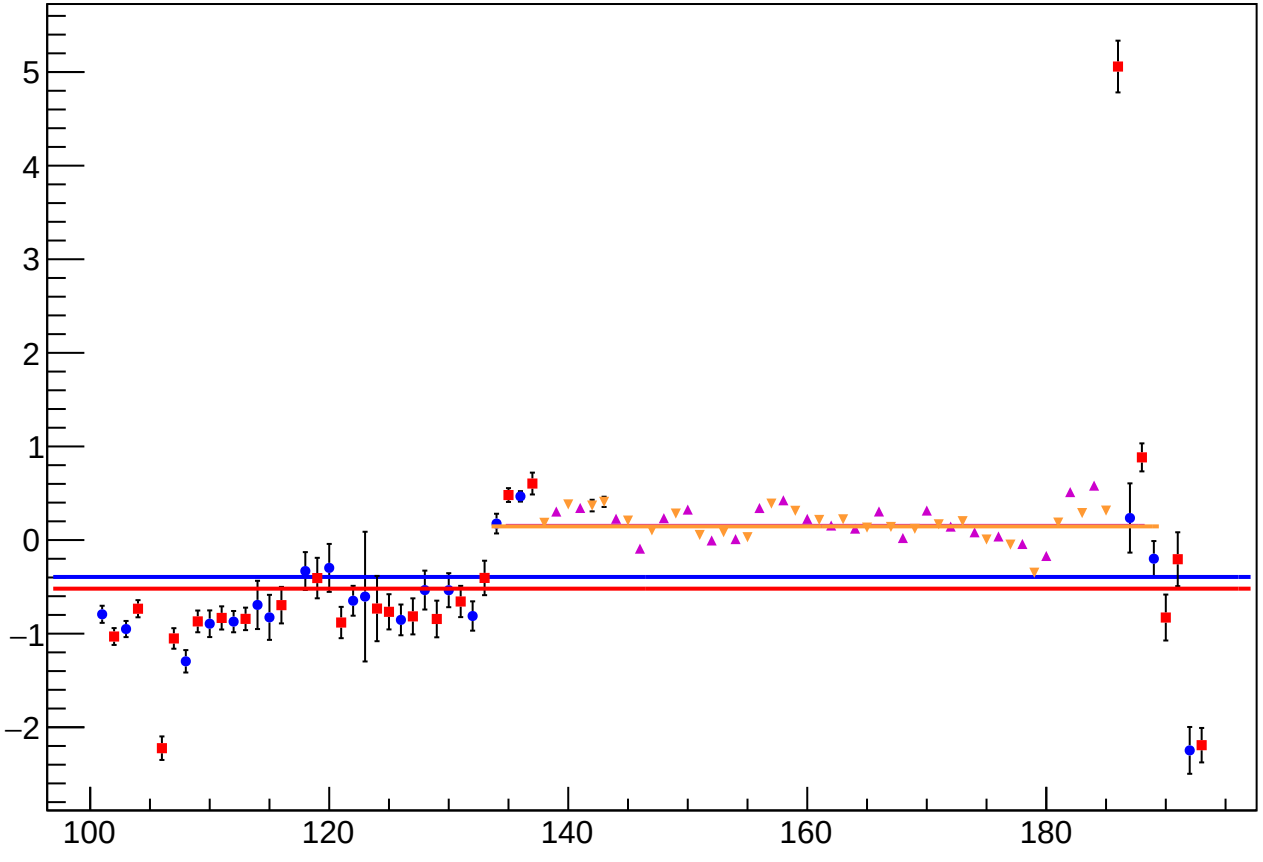
Right: 22.790+/-0.389 χ^2/NDF: 914.4/42

In: 21.168+/-0.135 χ^2/NDF:2675.5/42

Out: 21.116+/-0.135 χ^2/NDF:3224.2/47

All: 21.142+/-0.095 χ^2/NDF: 5899.9/90

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.394+/-0.029 χ^2/NDF: 496.3/19

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.519+/-0.029 χ^2/NDF: 1138.9/22

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

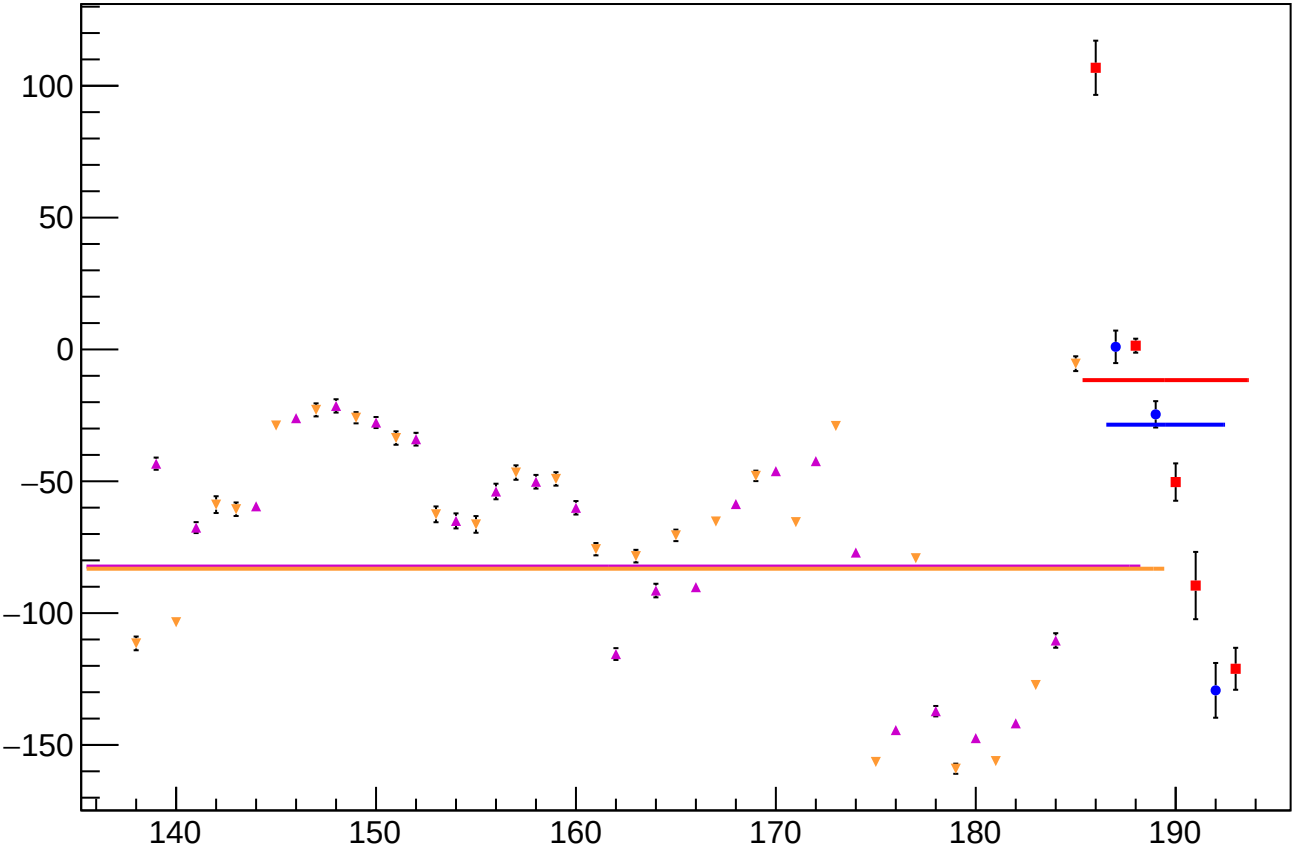
Right: -0.458+/-0.021 χ^2/NDF: 1644.5/42

In: 0.127+/-0.006 χ^2/NDF:1699.4/42

Out: 0.115+/-0.006 χ^2/NDF:2259.2/47

All: 0.121+/-0.004 χ^2/NDF: 3960.4/90

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.535+/-3.635 χ^2/NDF: 117.7/2

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -11.636+/-2.274 χ^2/NDF: 413.3/4

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

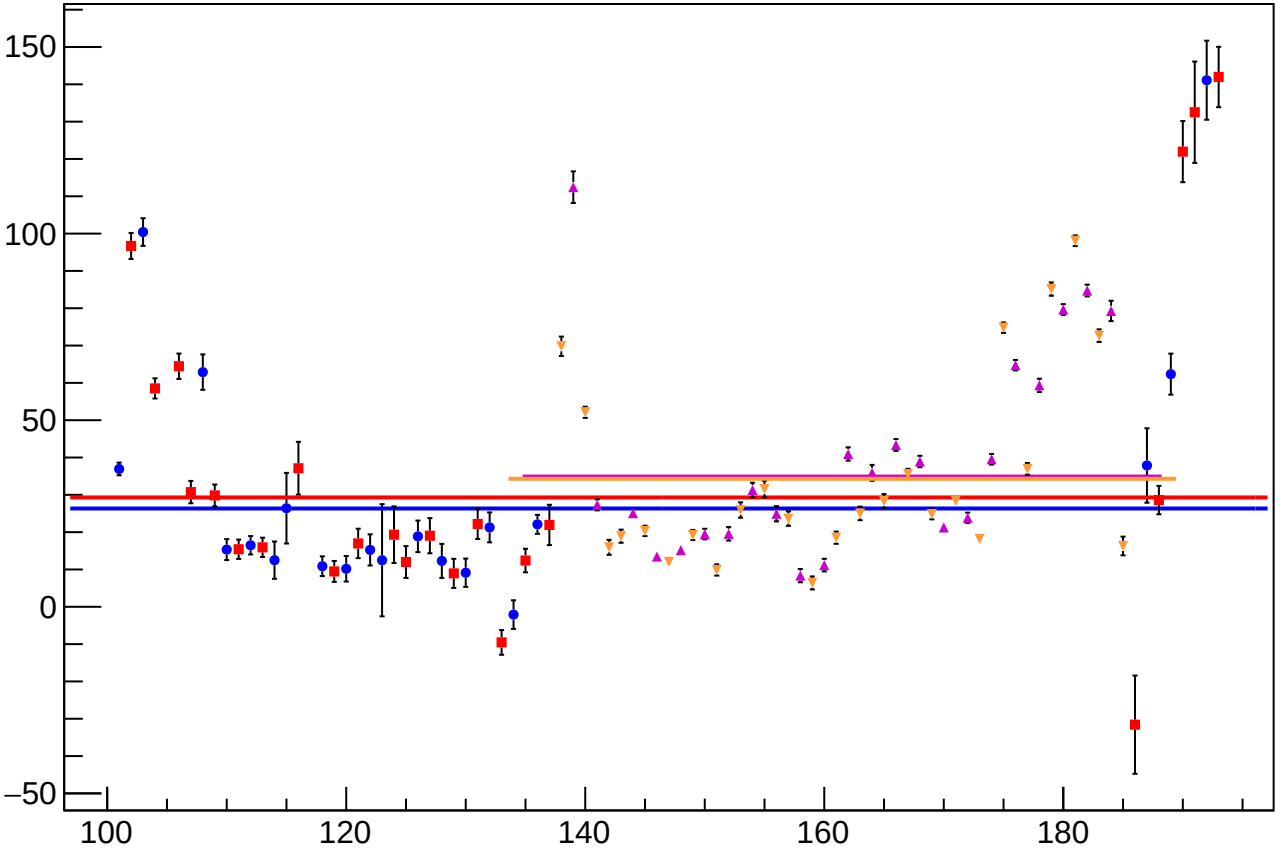
Right: -16.388+/-1.928 χ^2/NDF: 546.5/7

In: -81.657+/-0.410 χ^2/NDF:11288.9/25

Out: -80.942+/-0.401 χ^2/NDF:15166.2/29

All: -81.291+/-0.287 χ^2/NDF: 26456.7/55

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 26.341+/-0.788 χ^2/NDF: 855.8/19

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 29.300+/-0.784 χ^2/NDF: 1337.5/22

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

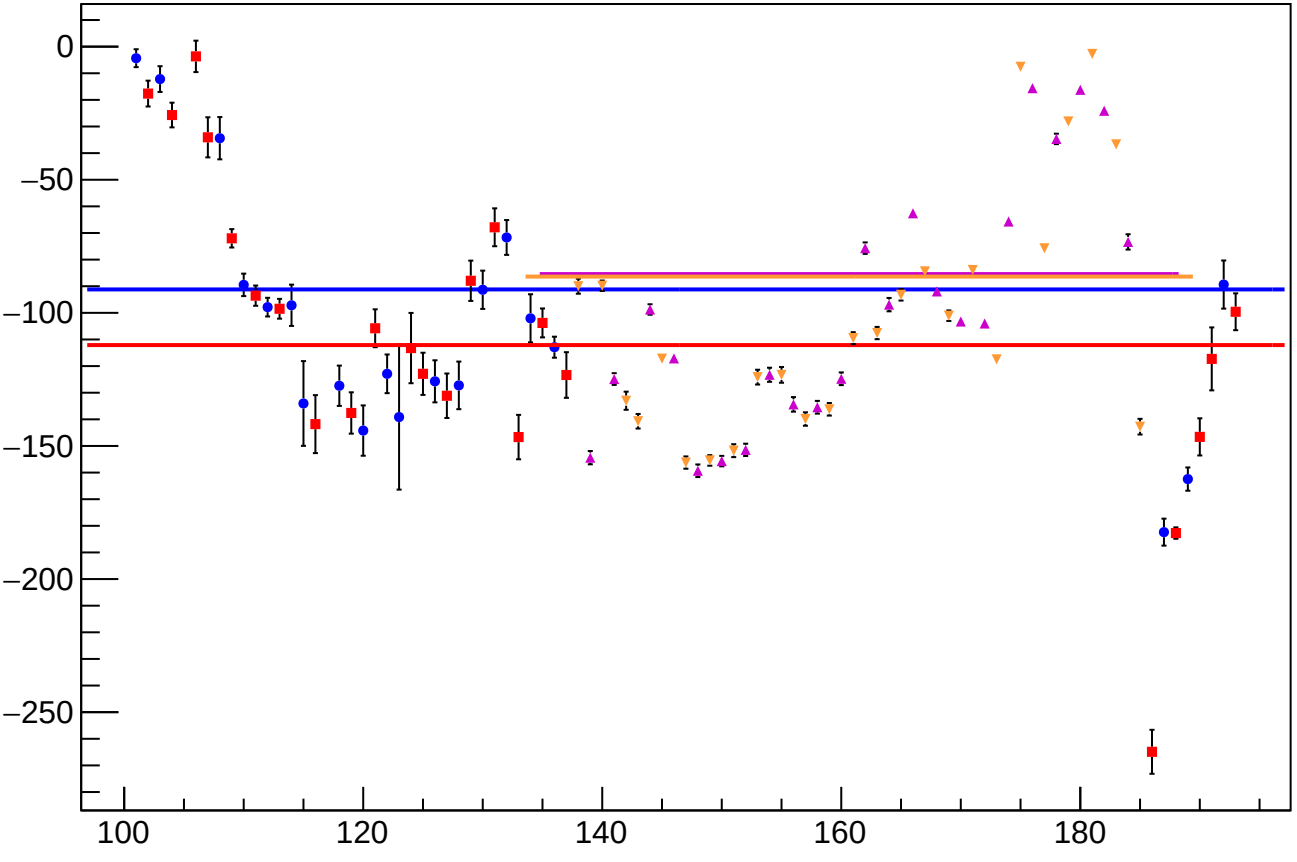
Right: 27.827+/-0.556 χ^2/NDF: 2200.4/42

In: 33.628+/-0.303 χ^2/NDF:5710.8/42

Out: 33.588+/-0.297 χ^2/NDF:7536.1/47

All: 33.608+/-0.212 χ^2/NDF: 13246.9/90

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -91.200+/-1.286 χ^2/NDF: 1736.4/19

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -112.106+/-1.103 χ^2/NDF: 2895.0/22

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

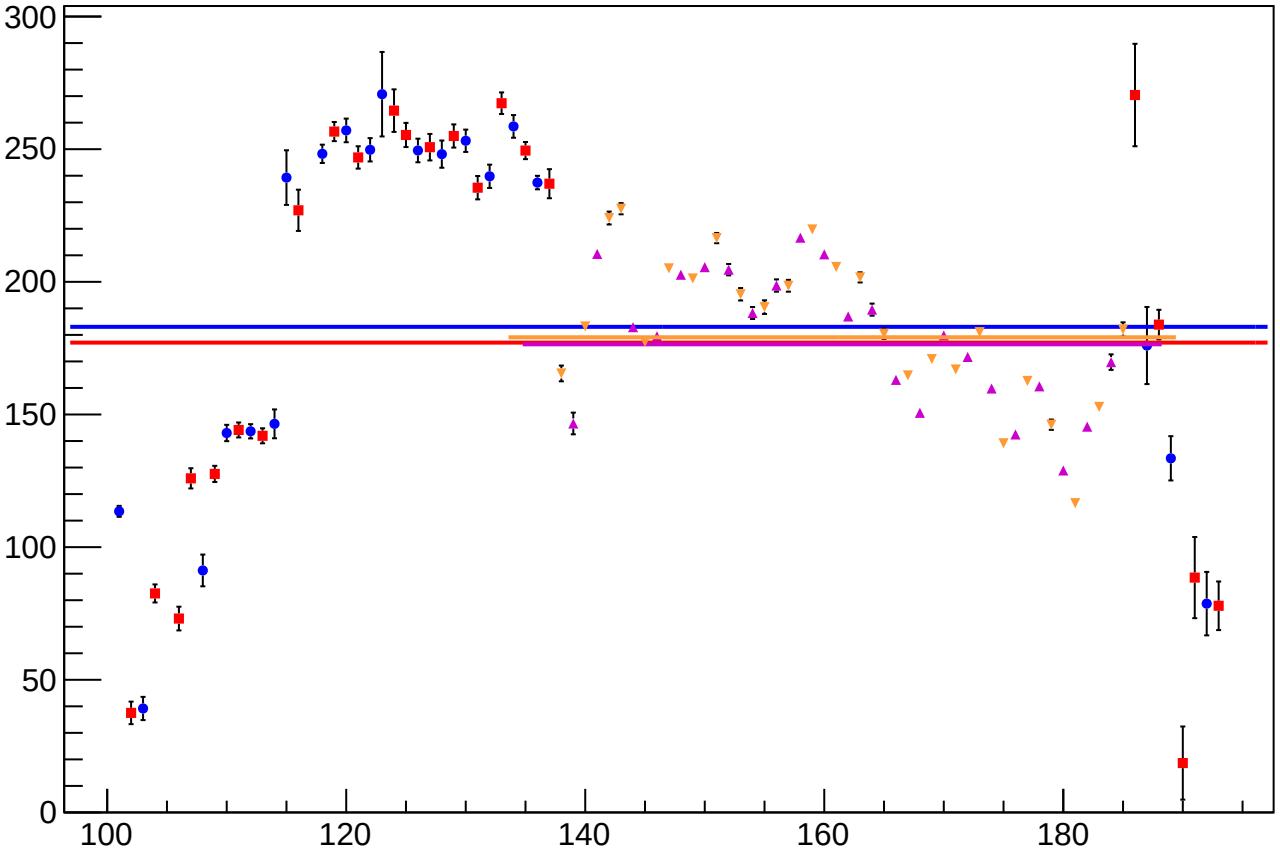
Right: -103.239+/-0.837 χ^2/NDF: 4783.7/42

In: -85.980+/-0.393 χ^2/NDF:14753.4/42

Out: -89.486+/-0.384 χ^2/NDF:17808.1/47

All: -87.777+/-0.275 χ^2/NDF: 32602.3/90

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 183.041+/-0.904 χ^2/NDF: 5514.4/19

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 177.097+/-0.905 χ^2/NDF: 6474.9/22

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

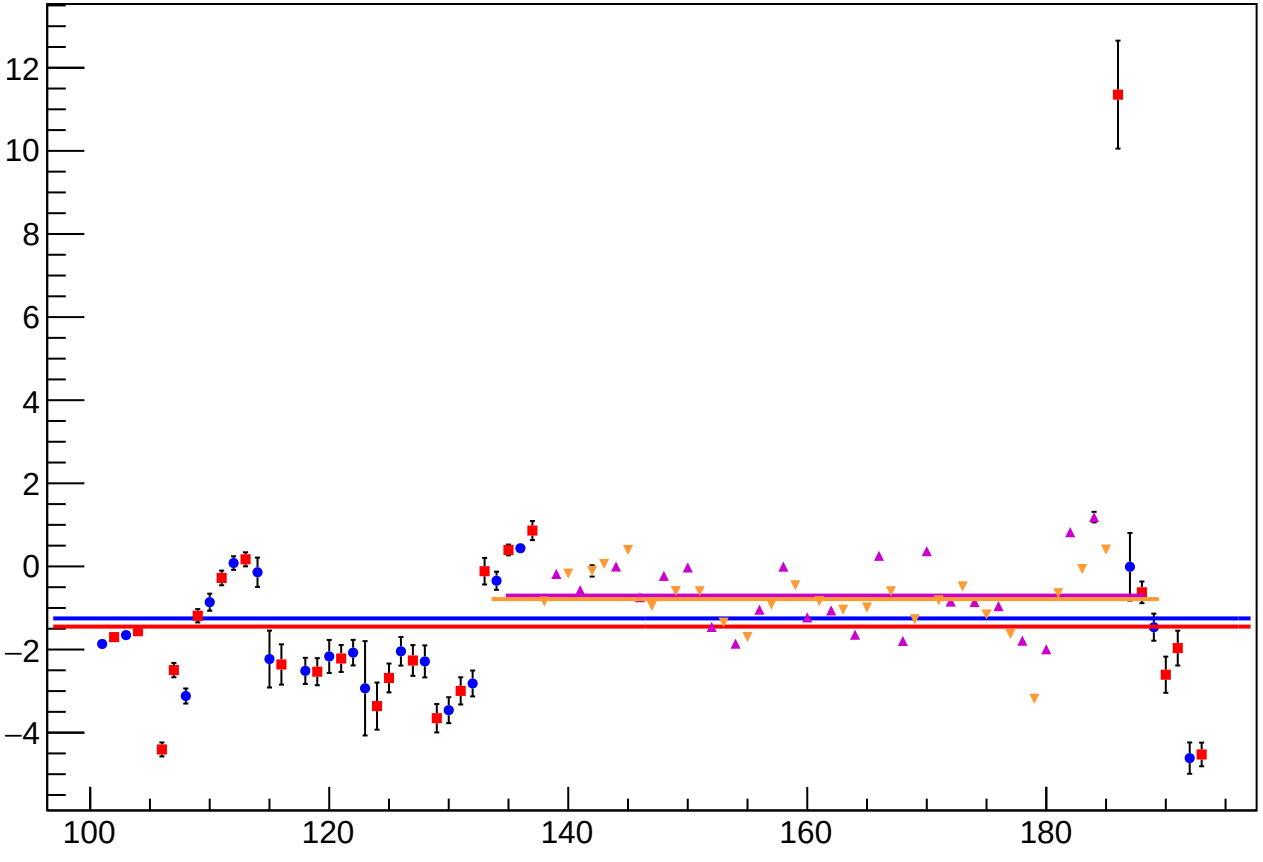
Right: 180.071+/-0.639 χ^2/NDF: 12011.0/42

In: 177.393+/-0.342 χ^2/NDF:10002.1/42

Out: 178.830+/-0.337 χ^2/NDF:12356.7/47

All: 178.124+/-0.240 χ^2/NDF: 22367.7/90

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.251+/-0.047 χ^2/NDF: 706.5/19

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.448+/-0.044 χ^2/NDF: 1157.5/22

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

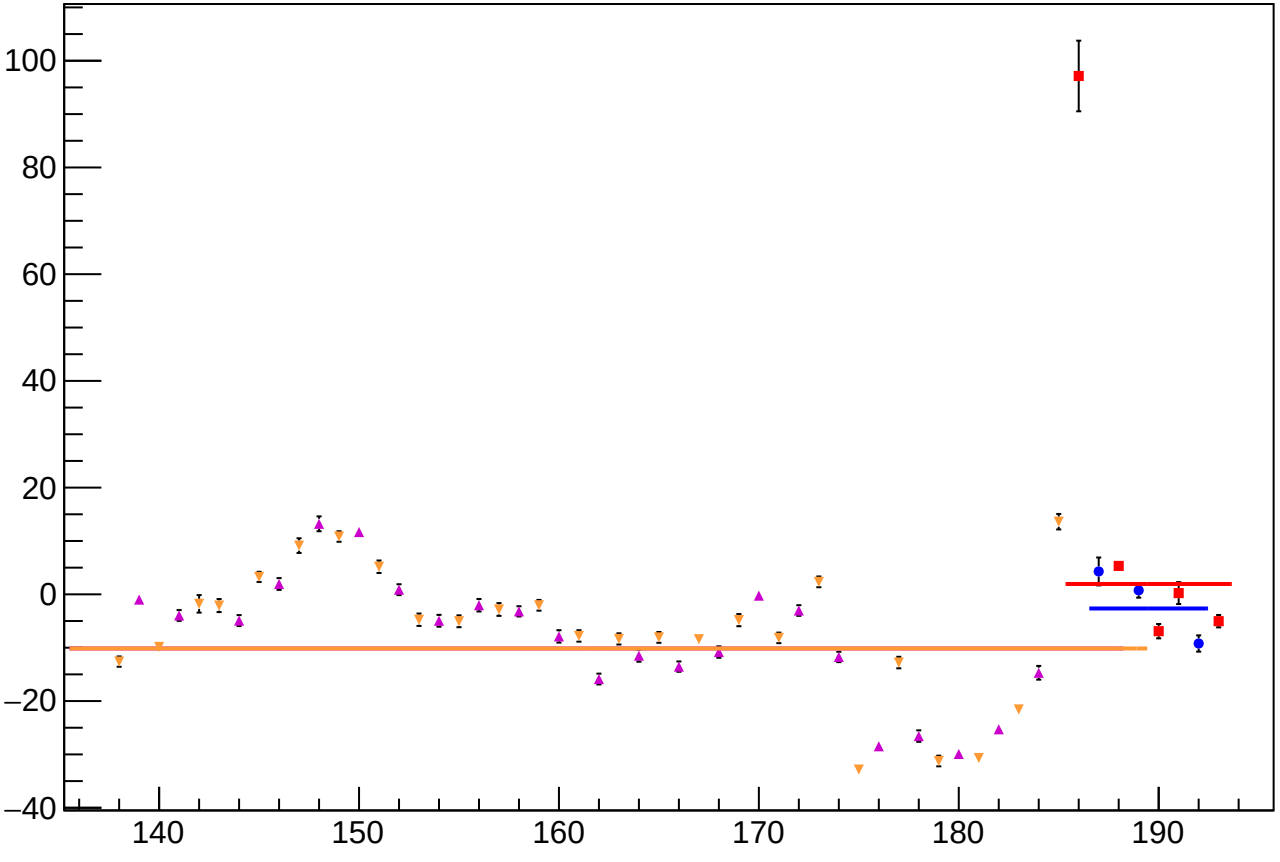
Right: -1.356+/-0.032 χ^2/NDF: 1873.3/42

In: -0.764+/-0.016 χ^2/NDF:3248.2/42

Out: -0.868+/-0.016 χ^2/NDF:3113.8/47

All: -0.817+/-0.011 χ^2/NDF: 6384.0/90

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.652+/-0.951 χ^2/NDF: 31.7/2

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: 1.941+/-0.500 χ^2/NDF: 314.7/4

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

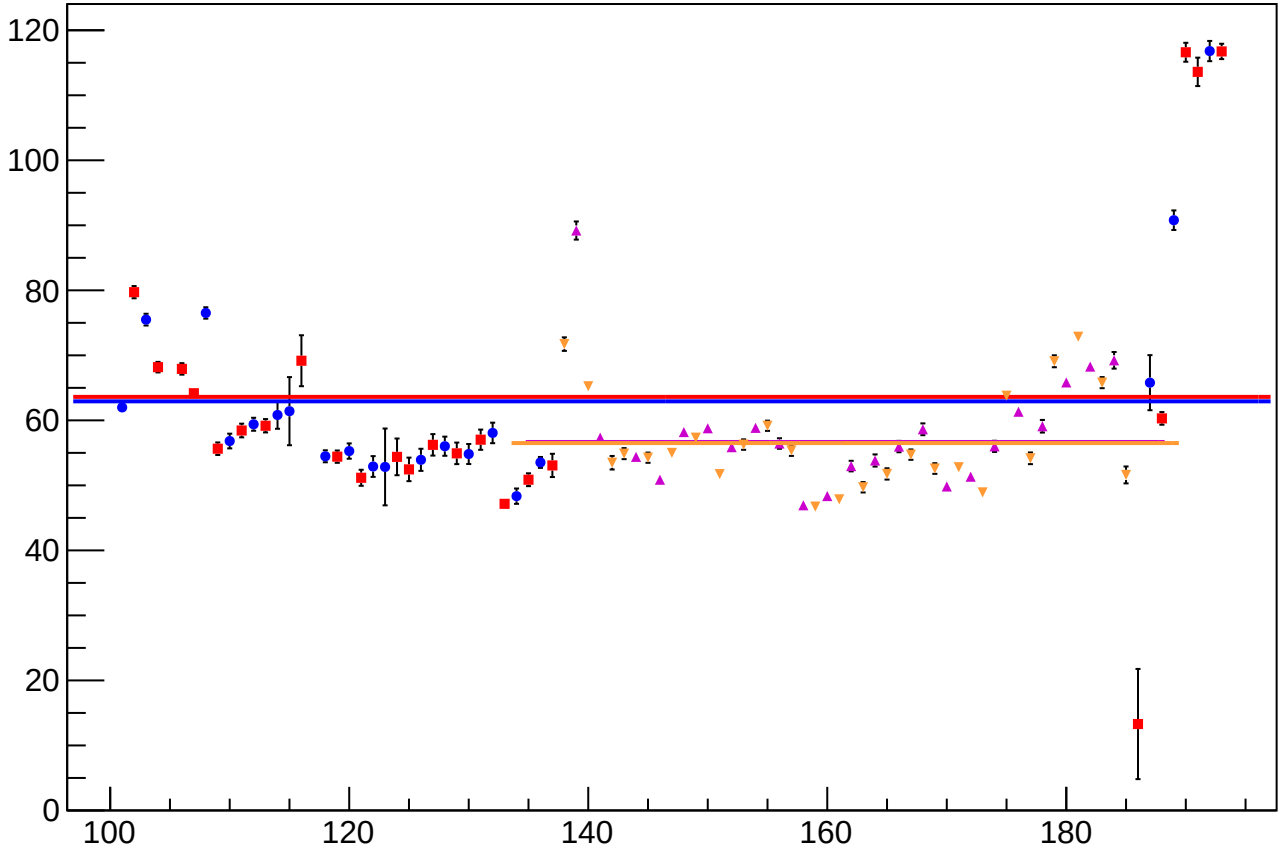
Right: 0.945+/-0.443 χ^2/NDF: 364.7/7

In: -9.819+/-0.199 χ^2/NDF:3582.8/25

Out: -8.456+/-0.187 χ^2/NDF:4945.2/29

All: -9.095+/-0.136 χ^2/NDF: 8552.9/55

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.925+/-0.254 χ^2/NDF: 2552.1/19

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 63.612+/-0.232 χ^2/NDF: 5487.9/22

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

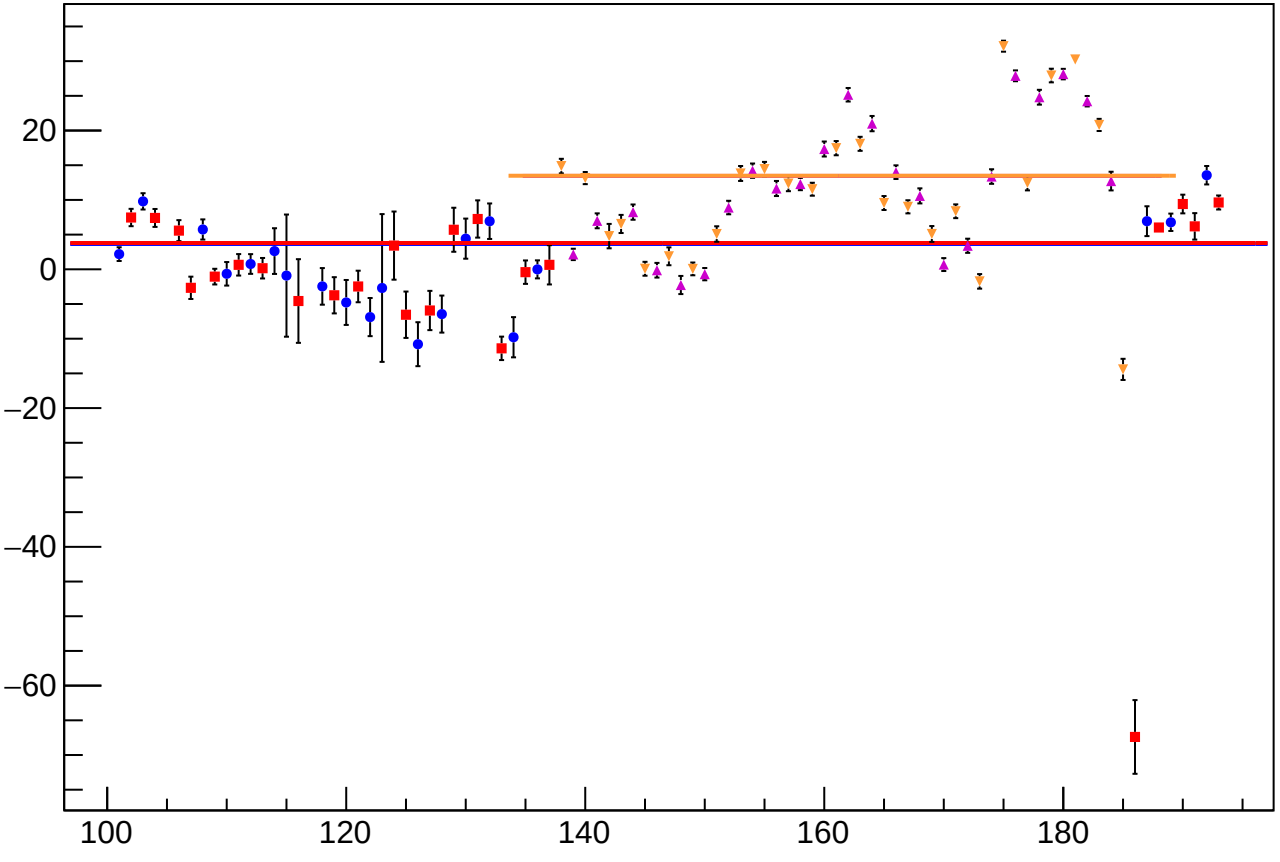
Right: 63.299+/-0.171 χ^2/NDF: 8043.9/42

In: 58.526+/-0.138 χ^2/NDF:4658.9/42

Out: 58.783+/-0.131 χ^2/NDF:8087.2/47

All: 58.661+/-0.095 χ^2/NDF: 12747.9/90

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.655+/-0.402 χ^2/NDF: 200.2/19

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 3.792+/-0.302 χ^2/NDF: 442.5/22

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

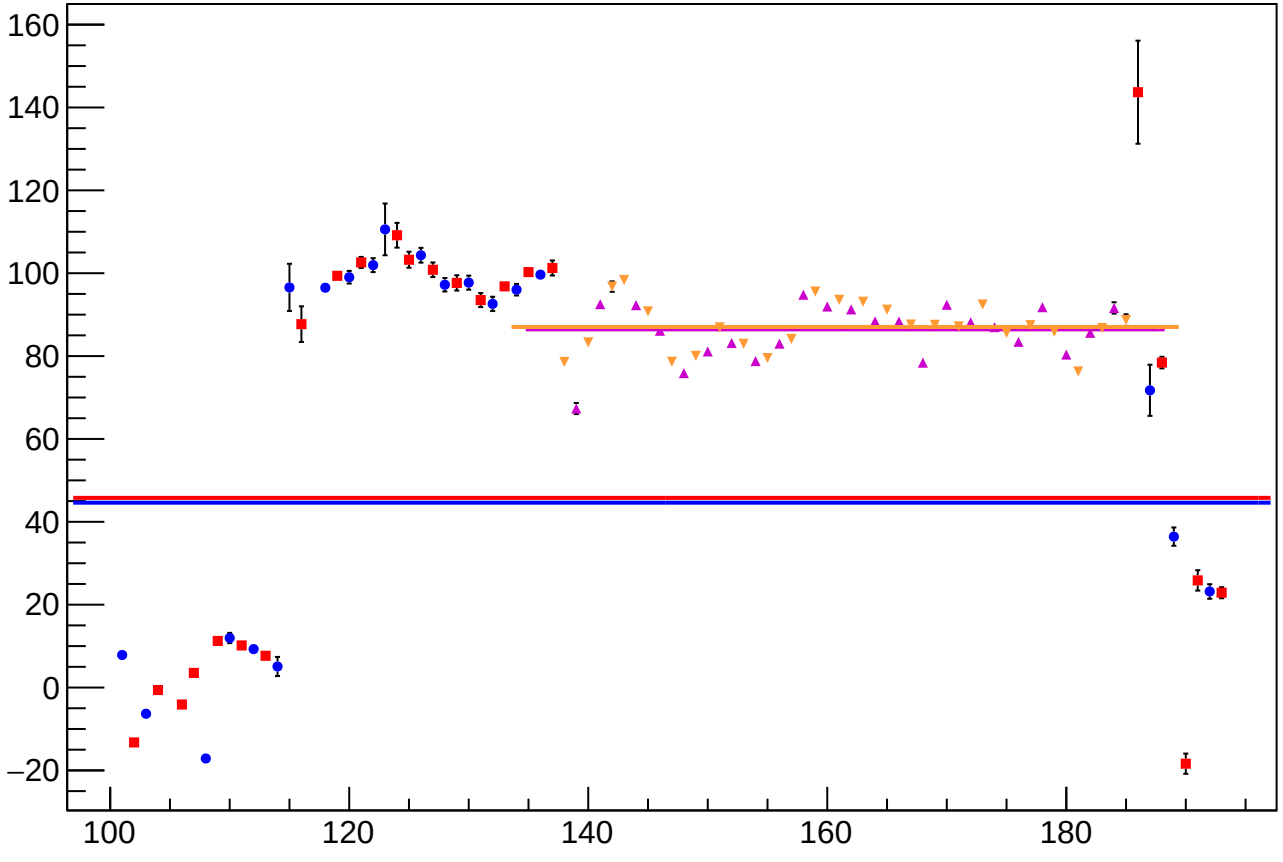
Right: 3.742+/-0.242 χ^2/NDF: 642.8/42

In: 11.463+/-0.181 χ^2/NDF:3045.9/42

Out: 10.494+/-0.168 χ^2/NDF:3885.1/47

All: 10.941+/-0.123 χ^2/NDF: 6946.4/90

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.618+/-0.296 χ^2/NDF: 25258.3/19

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 45.780+/-0.275 χ^2/NDF: 29514.9/22

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

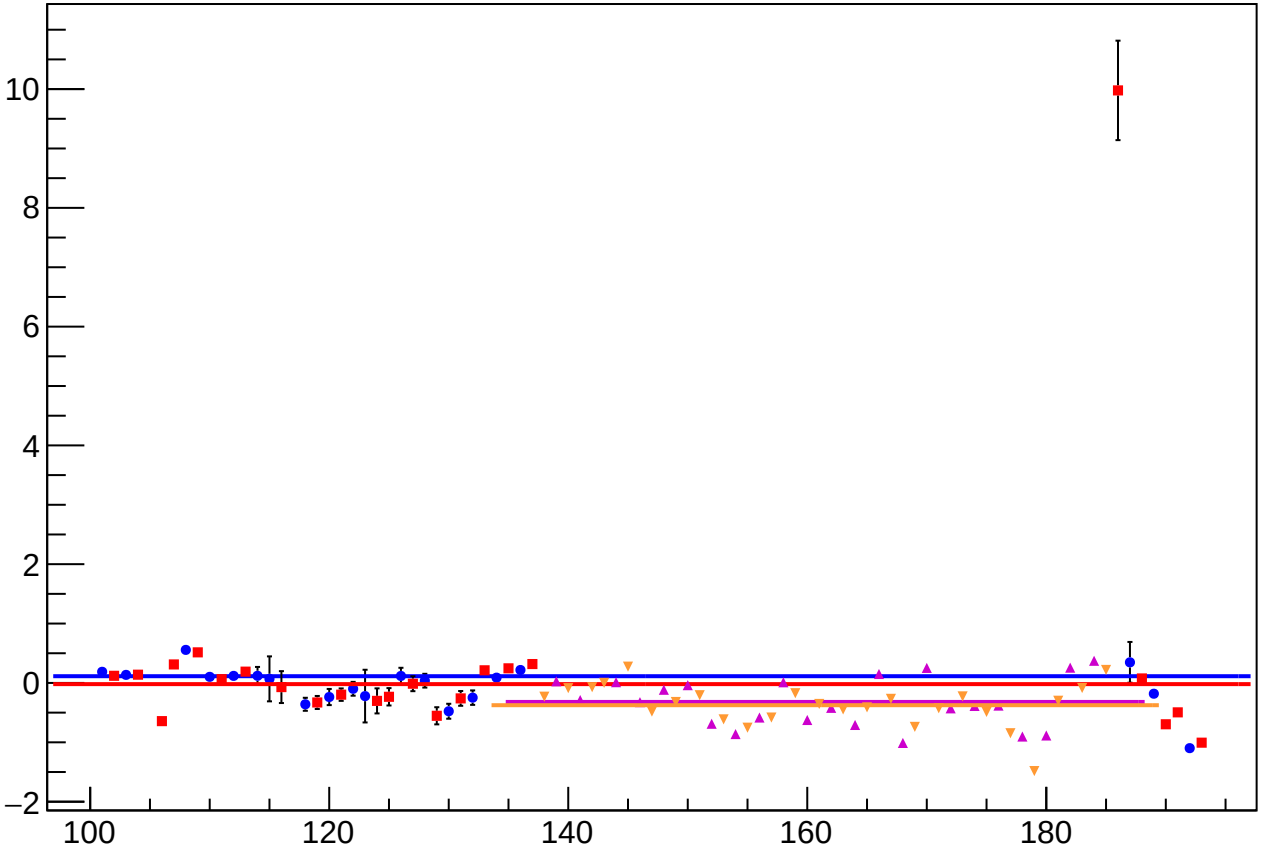
Right: 45.241+/-0.201 χ^2/NDF: 54781.4/42

In: 74.775+/-0.156 χ^2/NDF:40713.1/42

Out: 74.707+/-0.150 χ^2/NDF:46340.1/47

All: 74.740+/-0.108 χ^2/NDF: 87053.3/90

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.113+/-0.013 χ^2/NDF: 750.3/19

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.020+/-0.012 χ^2/NDF: 1429.1/22

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

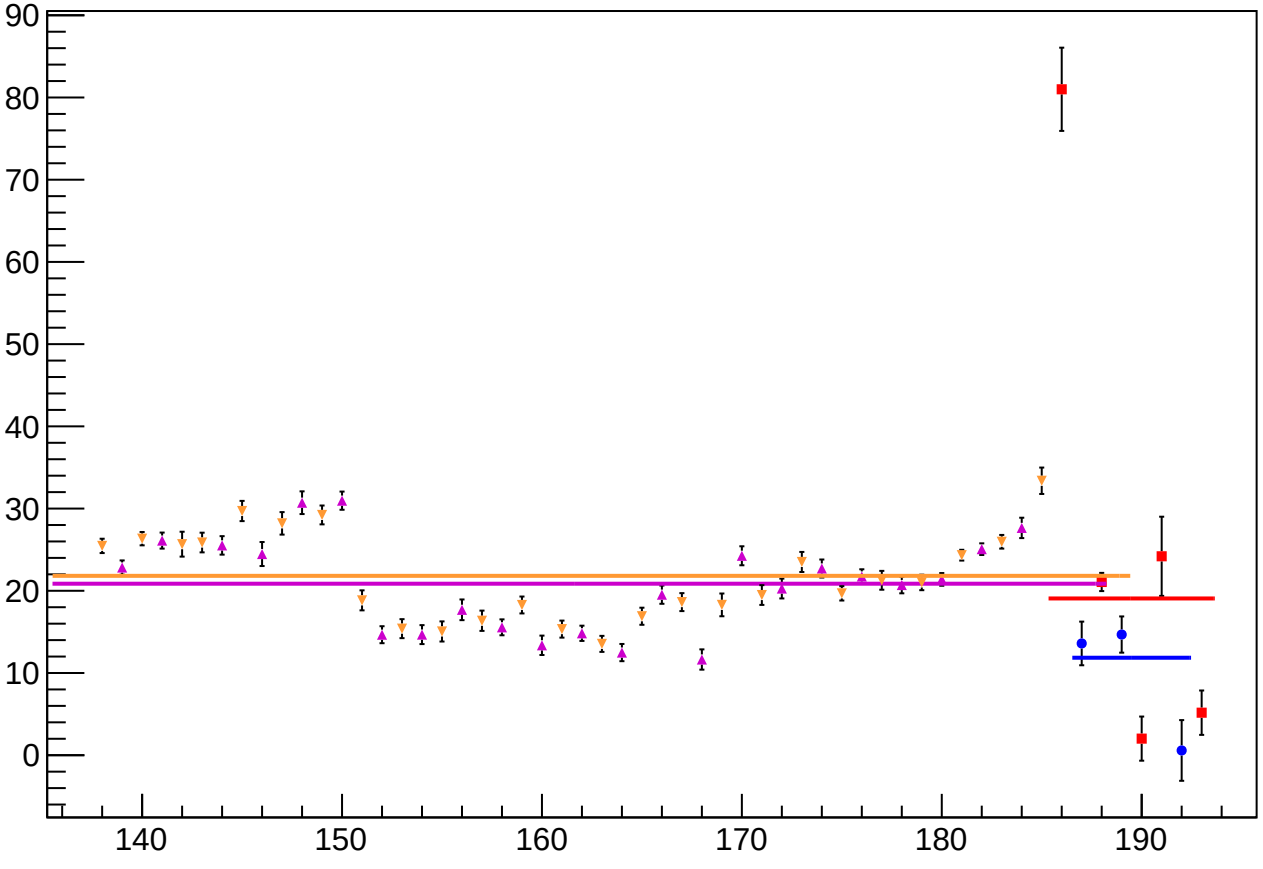
Right: 0.039+/-0.009 χ^2/NDF: 2234.7/42

In: -0.203+/-0.007 χ^2/NDF:3841.1/42

Out: -0.262+/-0.007 χ^2/NDF:3689.8/47

All: -0.234+/-0.005 χ^2/NDF: 7568.8/90

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.857+/-1.541 χ^2/NDF: 11.4/2

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 19.066+/-0.923 χ^2/NDF: 220.9/4

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

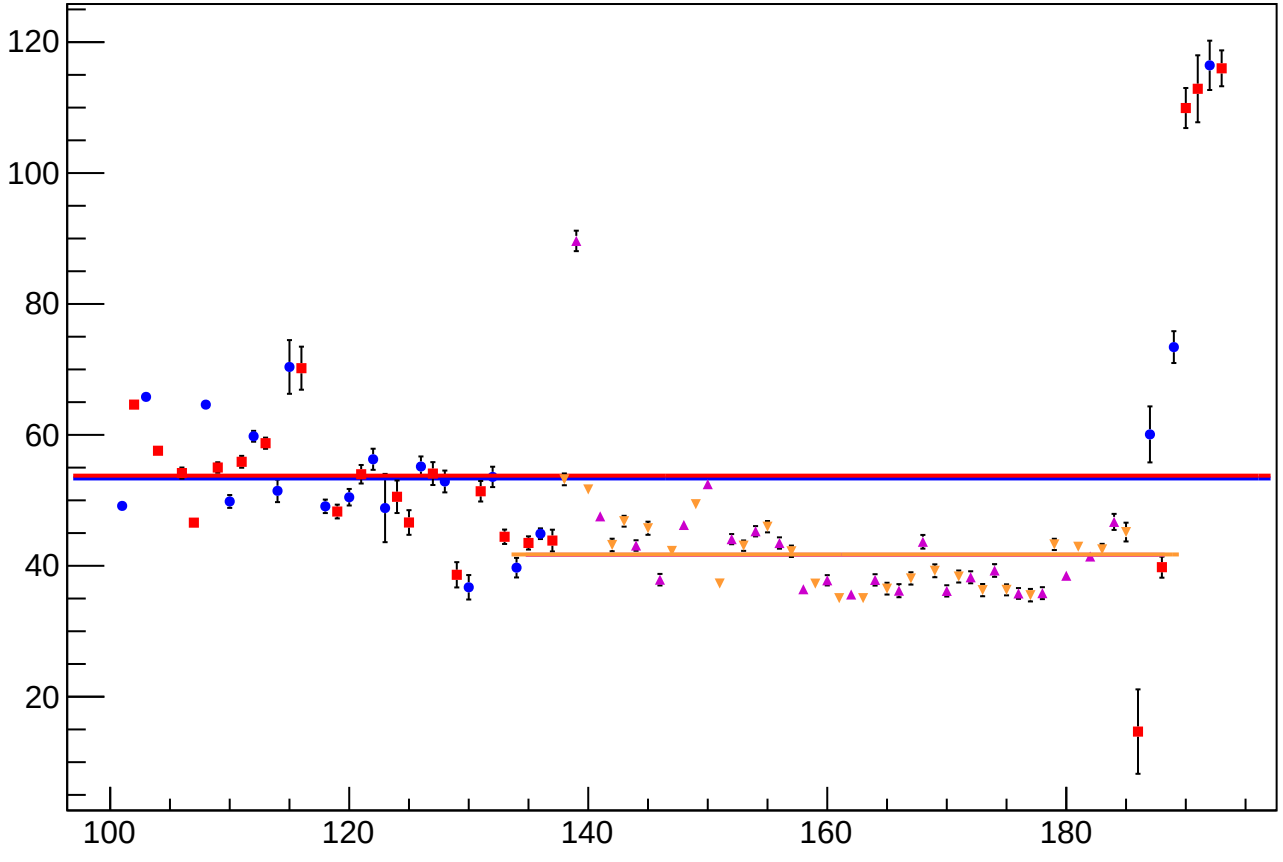
Right: 17.162+/-0.792 χ^2/NDF: 248.5/7

In: 20.687+/-0.213 χ^2/NDF:620.4/25

Out: 21.682+/-0.205 χ^2/NDF:752.1/29

All: 21.205+/-0.148 χ^2/NDF: 1383.8/55

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 53.344+/-0.209 χ^2/NDF: 1551.9/19

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 53.772+/-0.224 χ^2/NDF: 1958.5/22

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

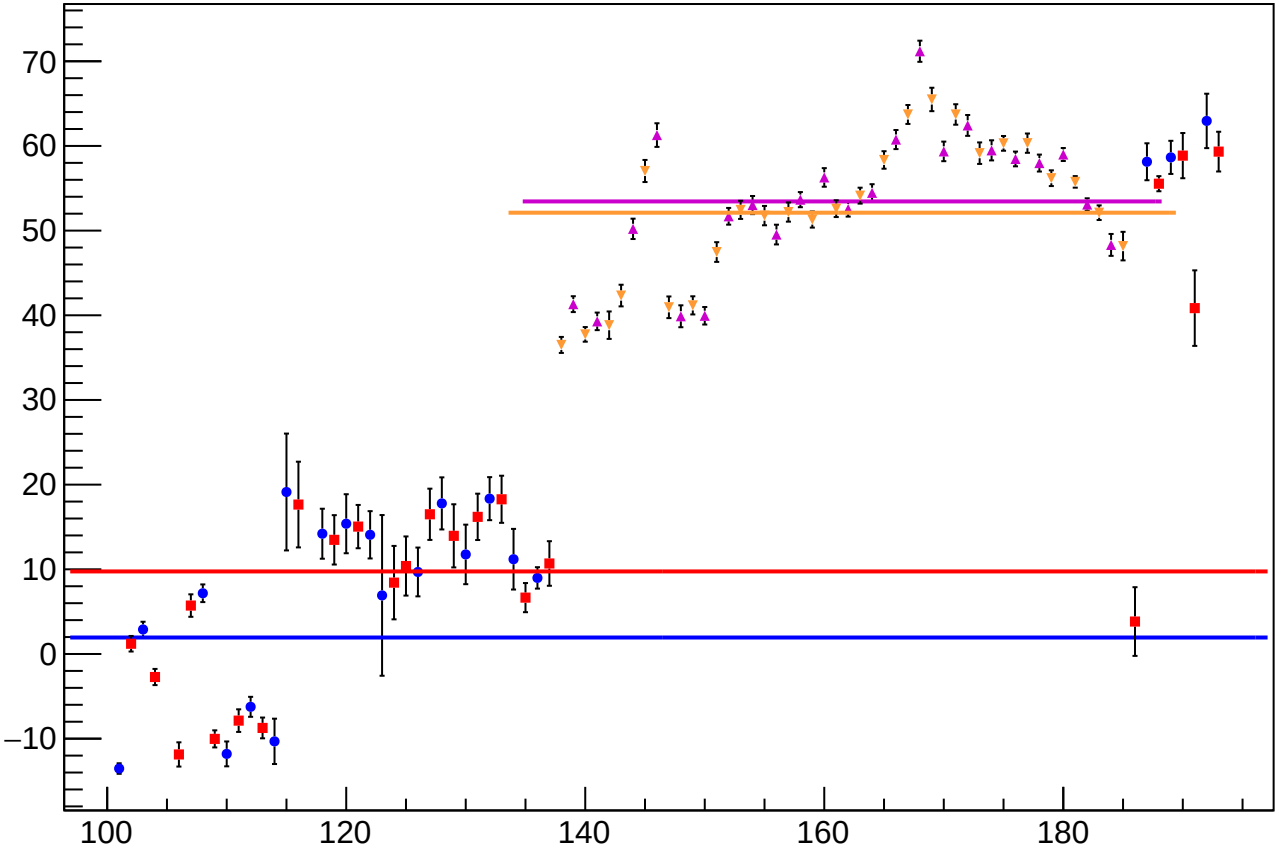
Right: 53.543+/-0.153 χ^2/NDF: 3512.4/42

In: 46.442+/-0.133 χ^2/NDF:5113.6/42

Out: 46.006+/-0.133 χ^2/NDF:4842.8/47

All: 46.224+/-0.094 χ^2/NDF: 9961.8/90

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.946+/-0.351 χ^2/NDF: 2845.4/19

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 9.750+/-0.341 χ^2/NDF: 4776.9/22

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

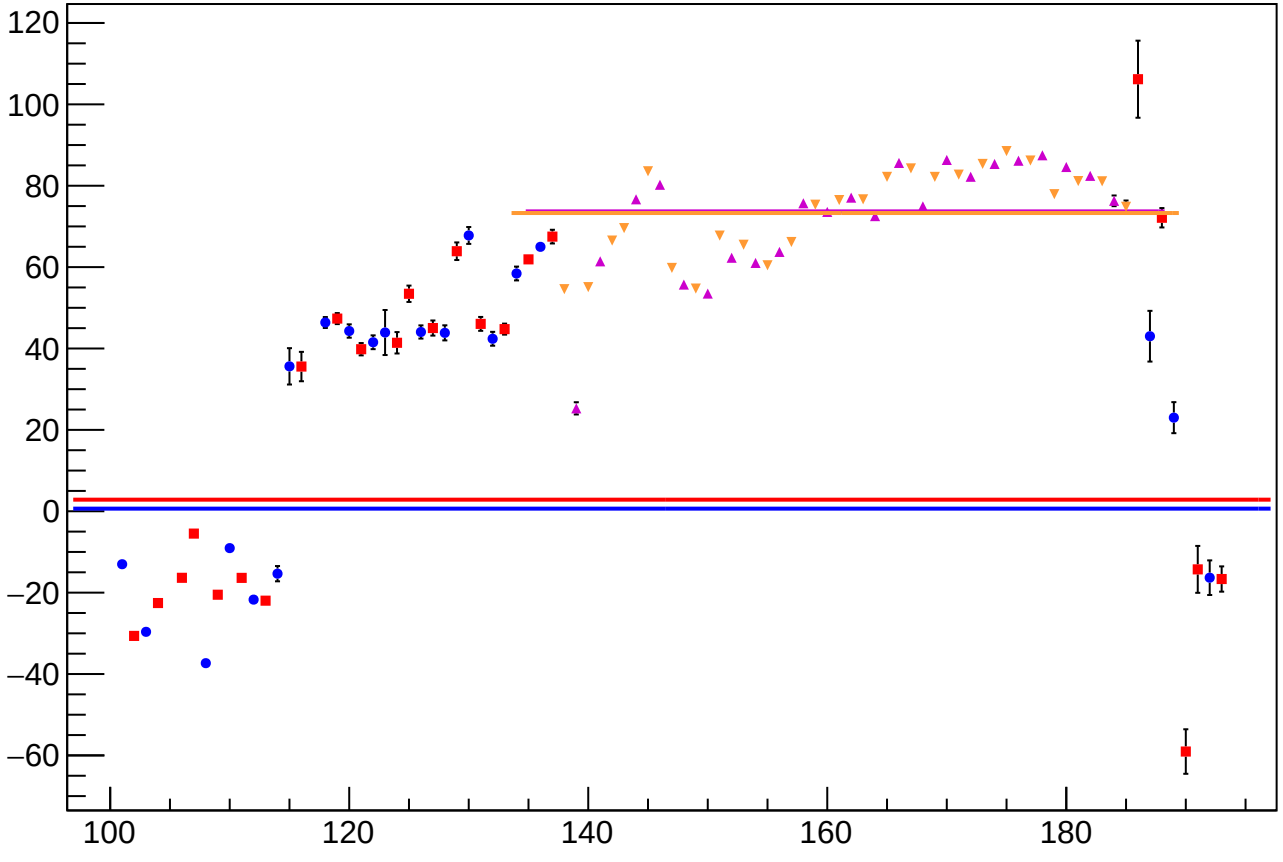
Right: 5.959+/-0.245 χ^2/NDF: 7876.7/42

In: 39.443+/-0.183 χ^2/NDF:19700.2/42

Out: 40.432+/-0.179 χ^2/NDF:17400.0/47

All: 39.948+/-0.128 χ^2/NDF: 37115.2/90

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.644+/-0.246 χ^2/NDF: 18520.5/19

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.850+/-0.264 χ^2/NDF: 16526.6/22

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

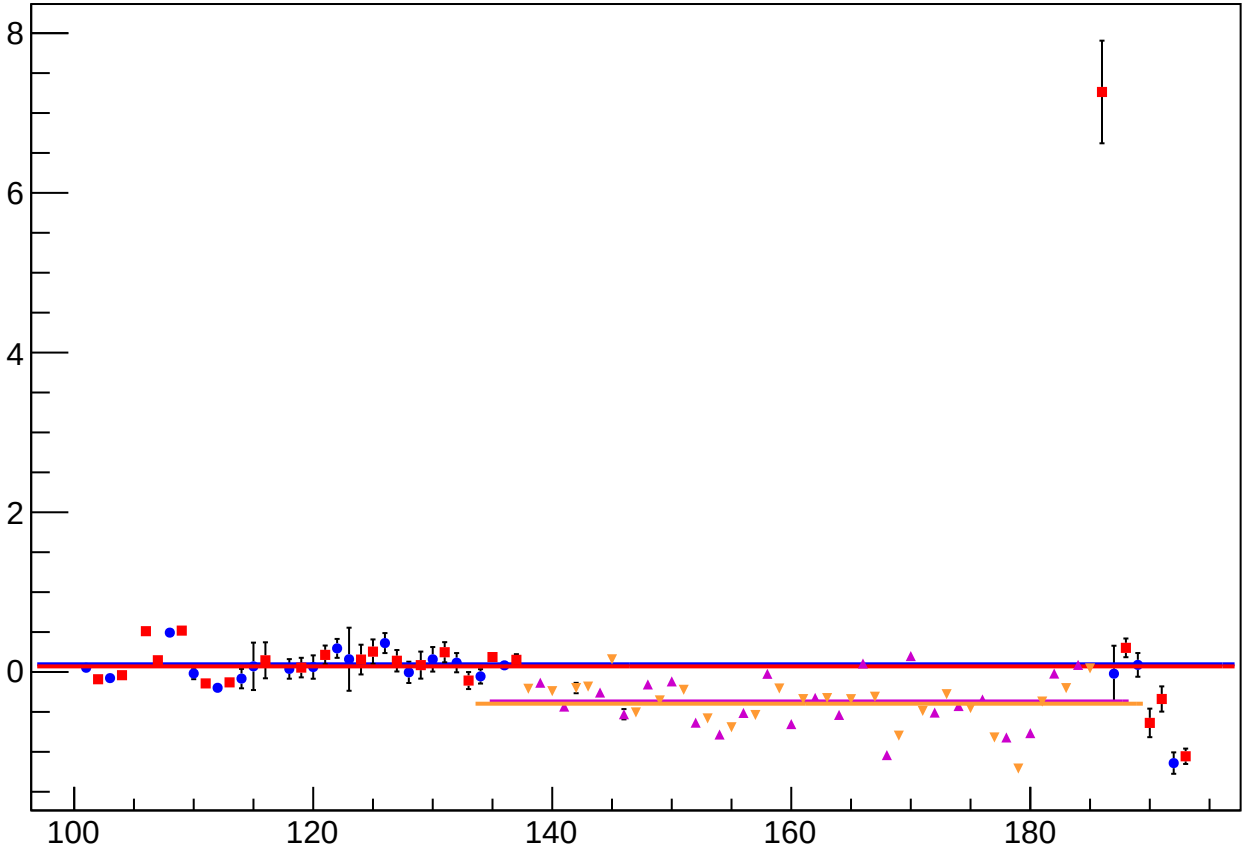
Right: 1.666+/-0.180 χ^2/NDF: 35084.5/42

In: 45.654+/-0.152 χ^2/NDF:76939.3/42

Out: 49.730+/-0.153 χ^2/NDF:66969.8/47

All: 47.683+/-0.108 χ^2/NDF: 144266.3/90

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.096+/-0.011 χ^2/NDF: 486.4/19

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.070+/-0.011 χ^2/NDF: 678.5/22

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

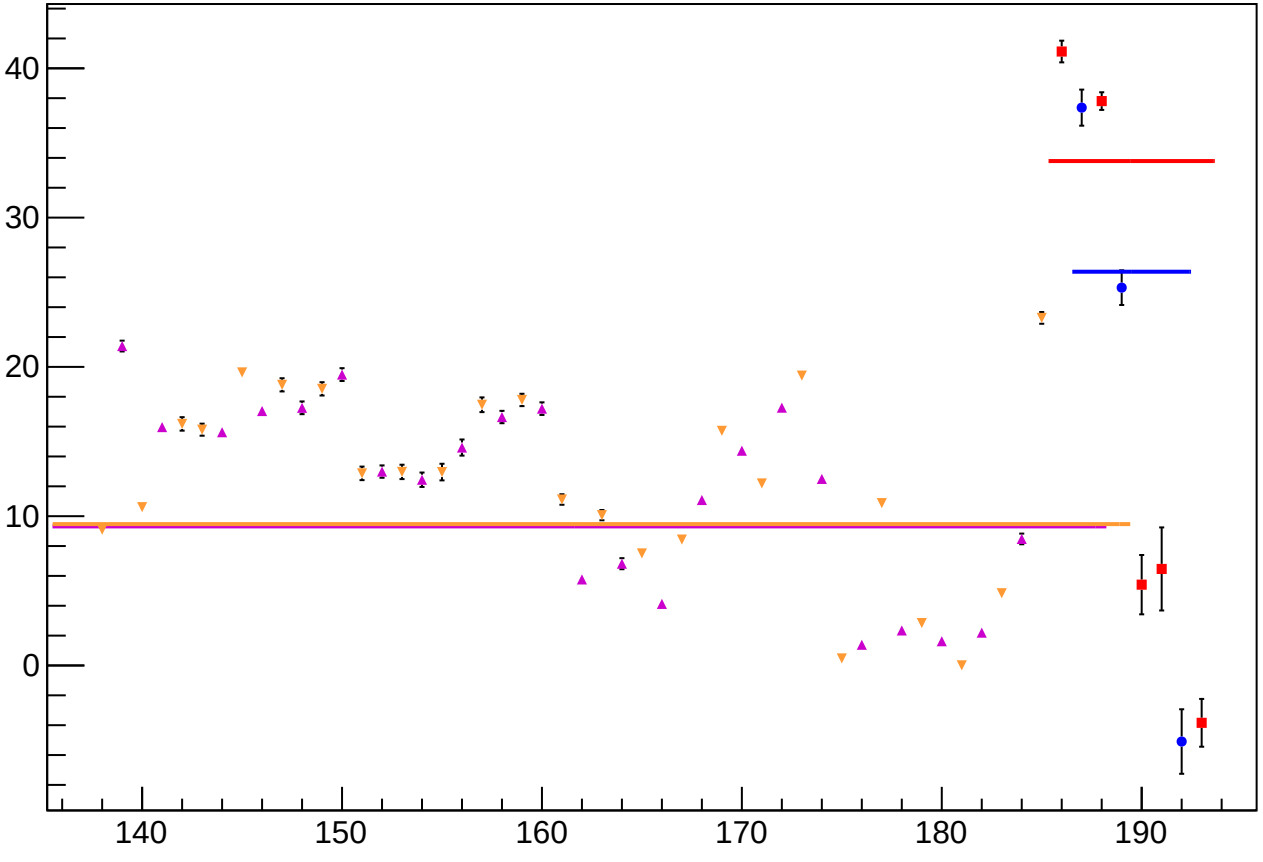
Right: 0.083+/-0.008 χ^2/NDF: 1167.8/42

In: -0.190+/-0.007 χ^2/NDF:2918.5/42

Out: -0.219+/-0.007 χ^2/NDF:2756.3/47

All: -0.205+/-0.005 χ^2/NDF: 5683.9/90

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 26.375+/-0.780 χ^2/NDF: 295.7/2

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 33.788+/-0.425 χ^2/NDF: 1001.1/4

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

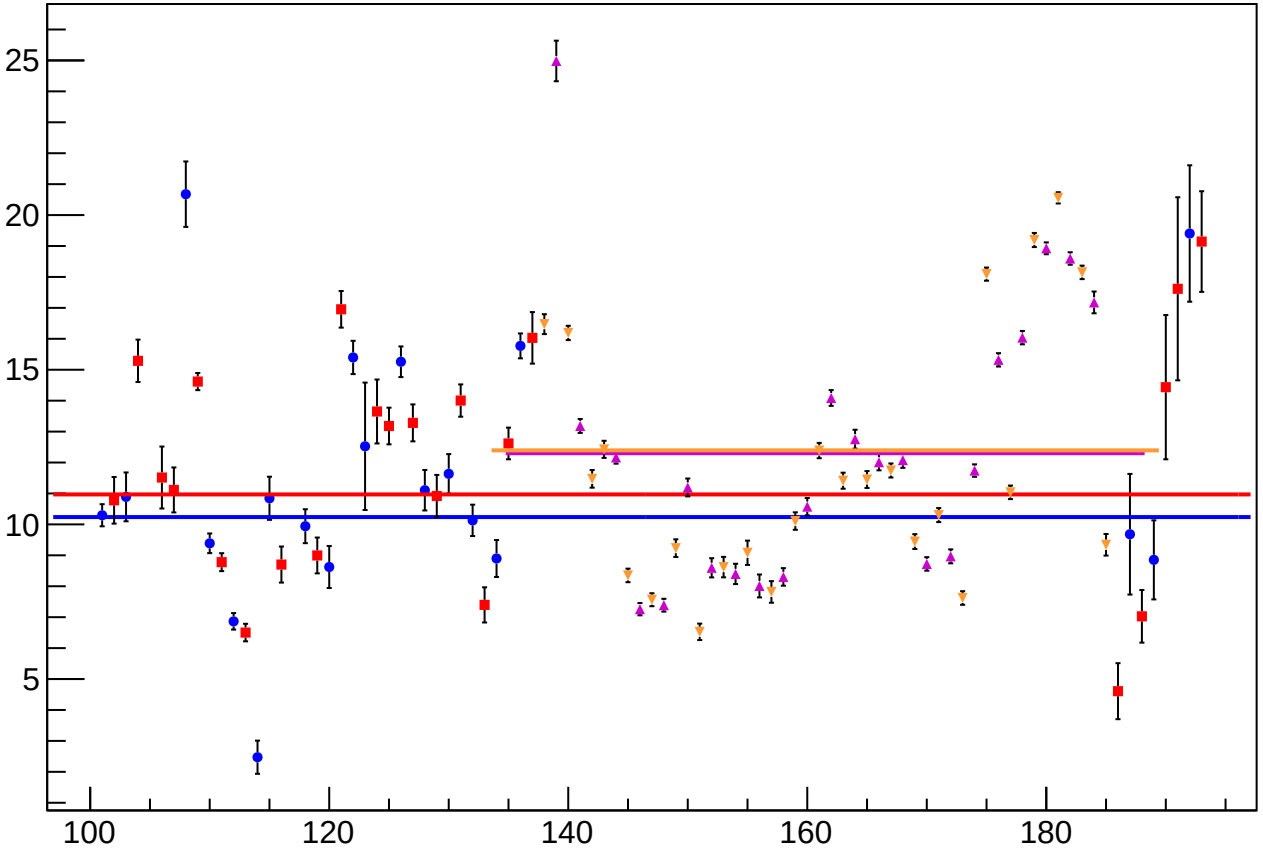
Right: 32.091+/-0.373 χ^2/NDF: 1366.3/7

In: 9.424+/-0.063 χ^2/NDF:11777.8/25

Out: 9.966+/-0.061 χ^2/NDF:16782.6/29

All: 9.703+/-0.044 χ^2/NDF: 28598.8/55

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.237+/-0.118 χ^2/NDF: 896.1/19

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 10.969+/-0.114 χ^2/NDF: 907.3/22

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

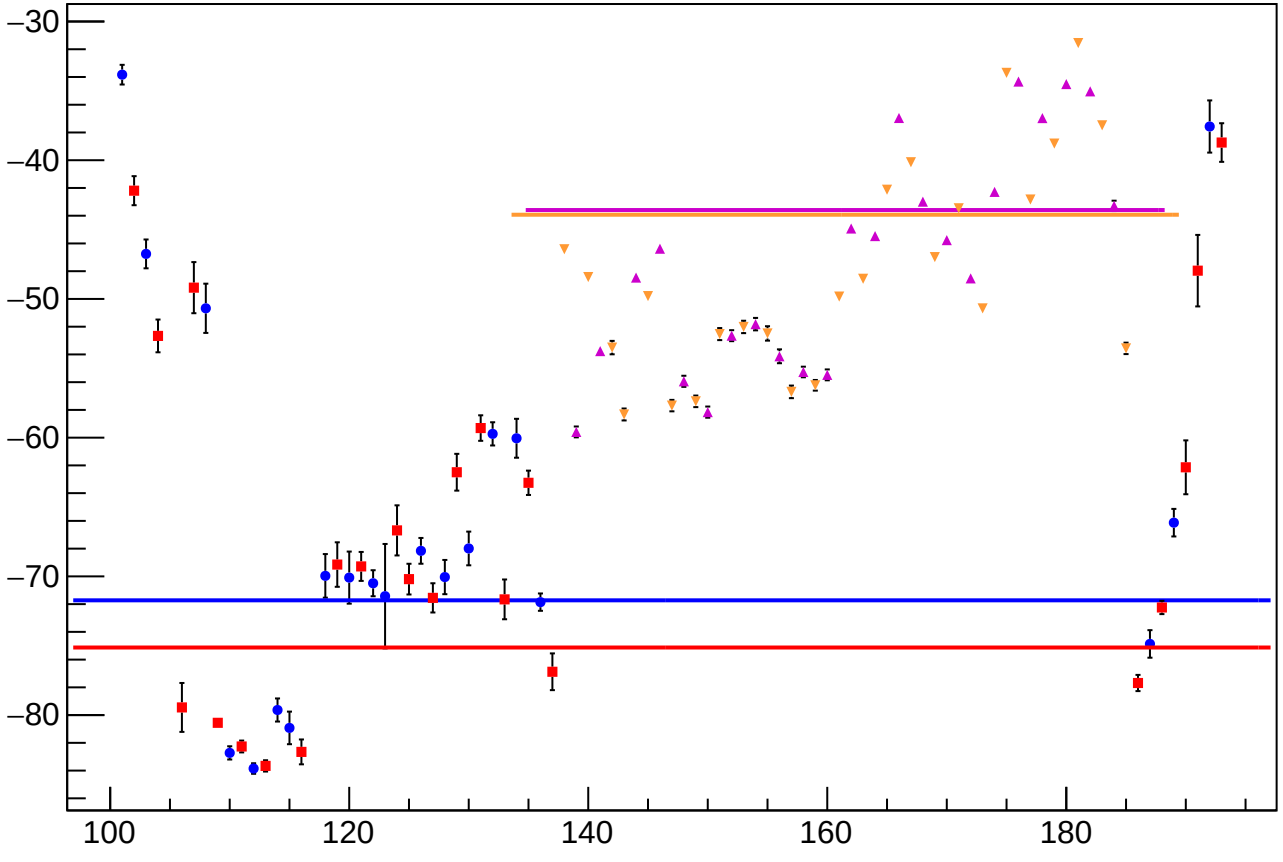
Right: 10.615+/-0.082 χ^2/NDF: 1823.4/42

In: 11.976+/-0.047 χ^2/NDF:6815.4/42

Out: 12.165+/-0.046 χ^2/NDF:8564.3/47

All: 12.073+/-0.033 χ^2/NDF: 15388.0/90

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.726+/-0.189 χ^2/NDF: 5944.1/19

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -75.128+/-0.161 χ^2/NDF: 4151.4/22

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

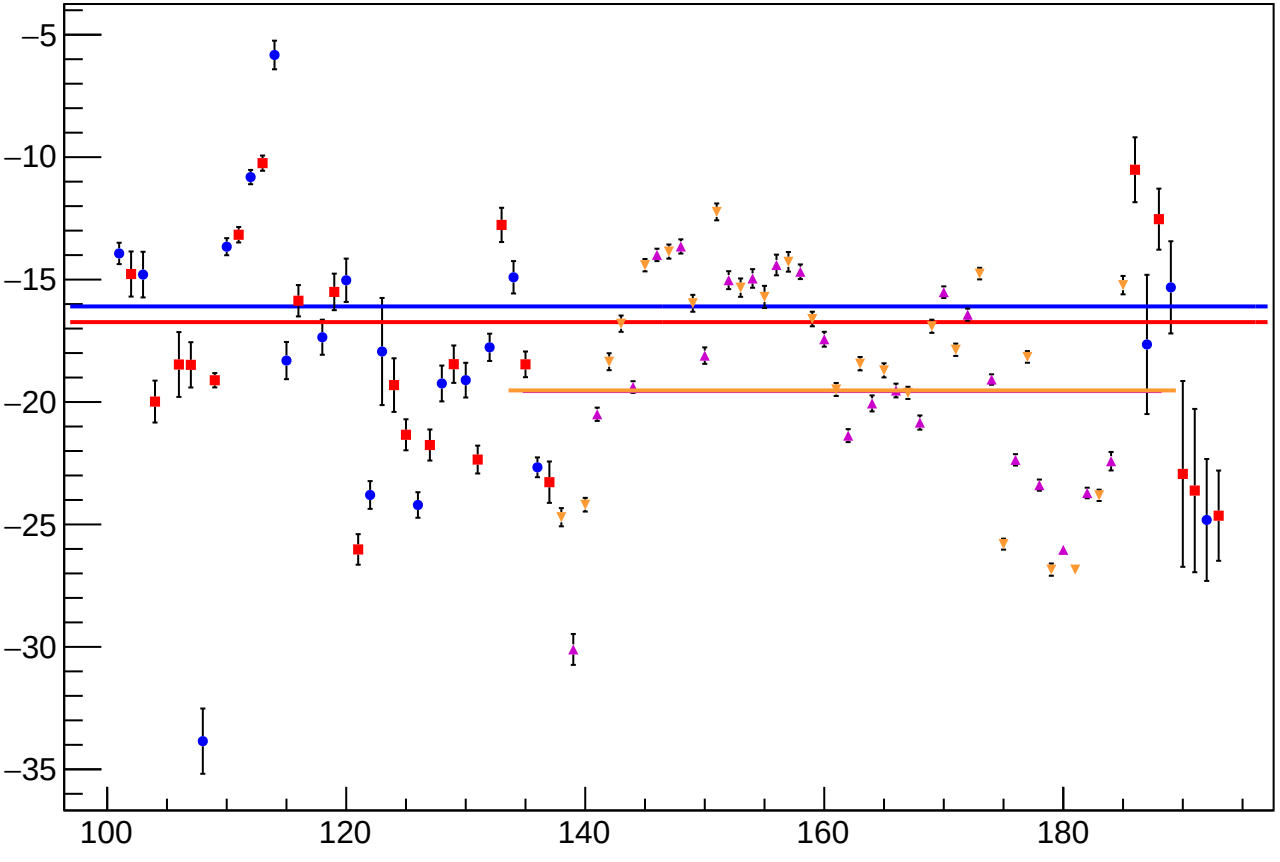
Right: -73.703+/-0.123 χ^2/NDF: 10283.1/42

In: -46.402+/-0.060 χ^2/NDF:41396.6/42

Out: -47.972+/-0.058 χ^2/NDF:54507.5/47

All: -47.213+/-0.042 χ^2/NDF: 96260.0/90

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.096+/-0.131 χ^2/NDF: 1653.7/19

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.737+/-0.127 χ^2/NDF: 1265.1/22

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

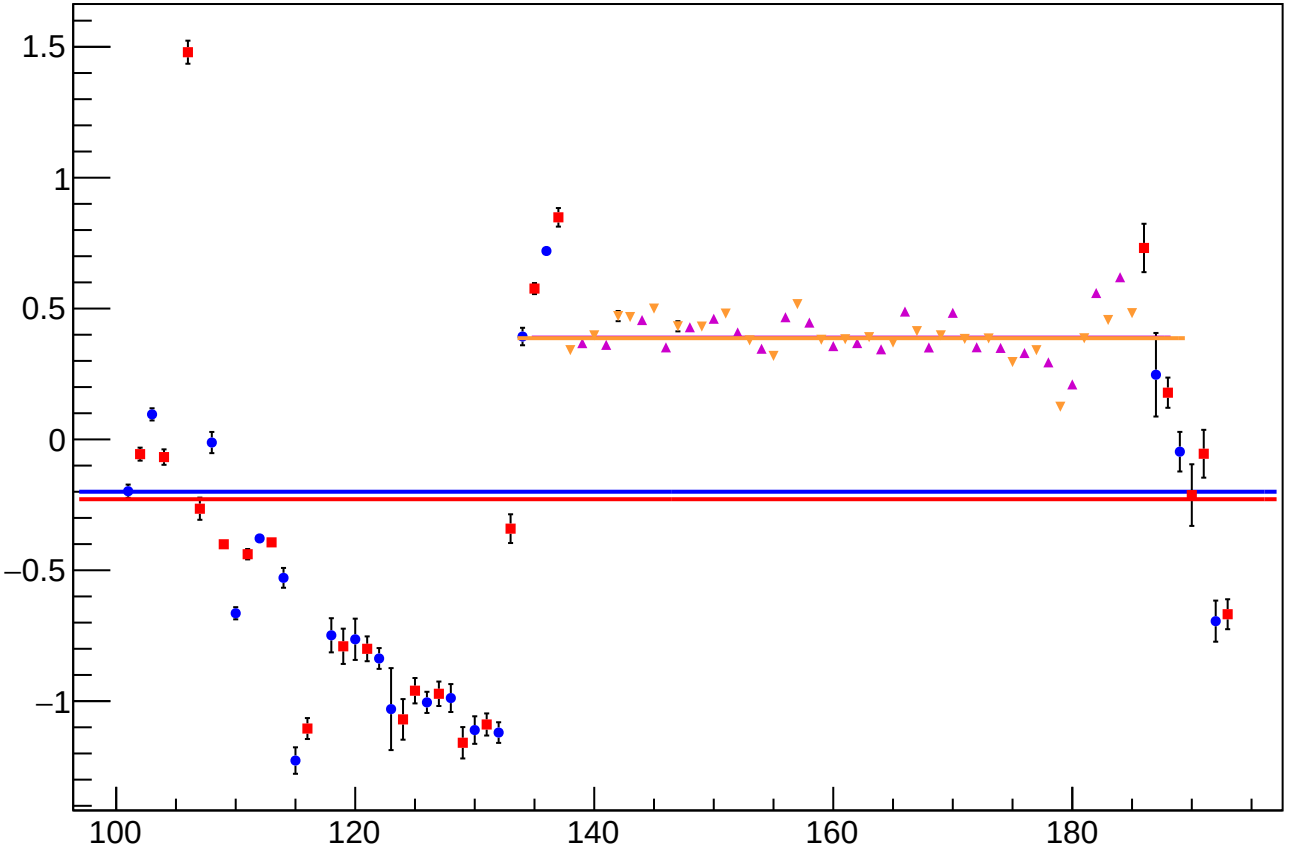
Right: -16.429+/-0.091 χ^2/NDF: 2931.1/42

In: -19.003+/-0.052 χ^2/NDF:6594.0/42

Out: -19.071+/-0.051 χ^2/NDF:8164.7/47

All: -19.038+/-0.037 χ^2/NDF: 14759.6/90

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.200+/-0.007 χ^2/NDF: 6390.4/19

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.228+/-0.007 χ^2/NDF: 6427.7/22

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

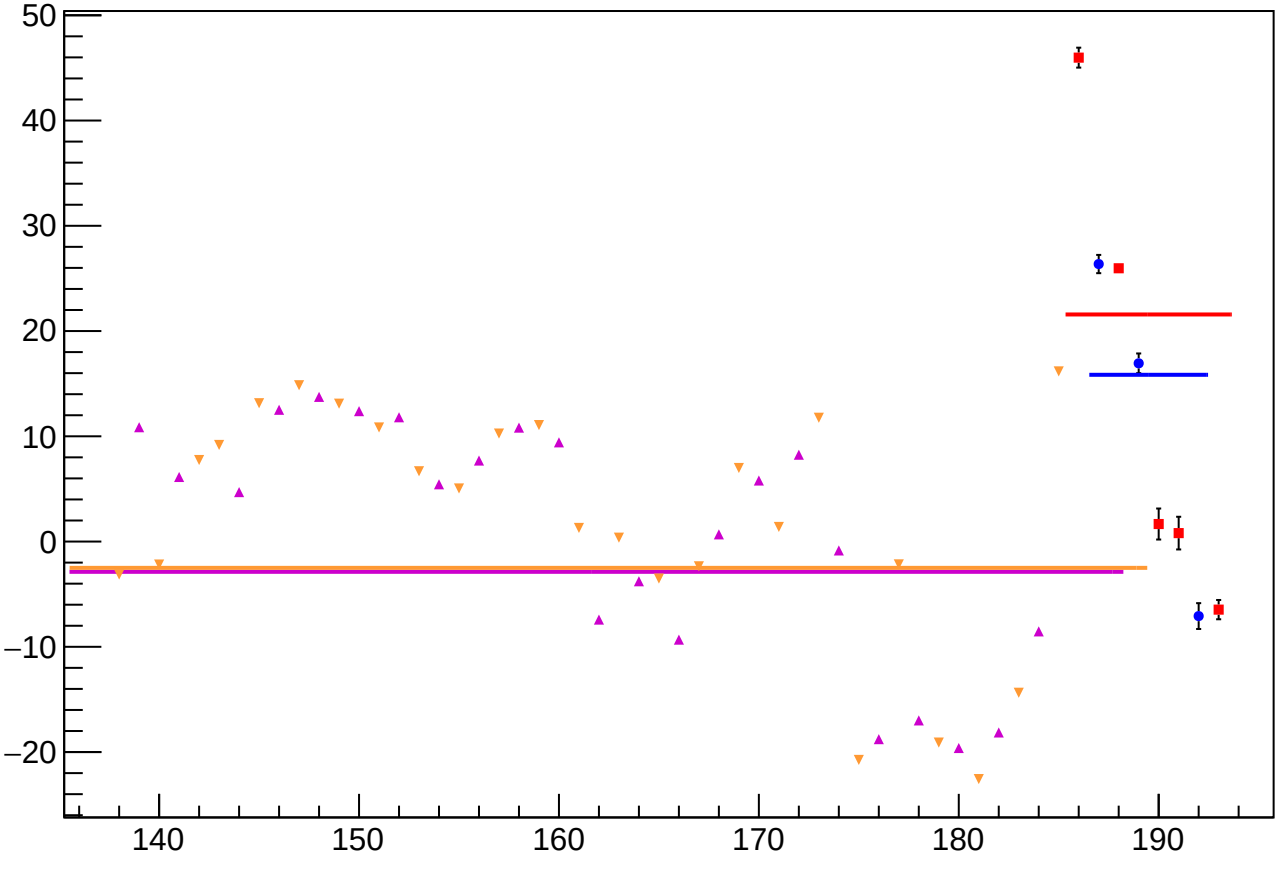
Right: -0.215+/-0.005 χ^2/NDF: 12825.9/42

In: 0.325+/-0.002 χ^2/NDF:13206.5/42

Out: 0.314+/-0.002 χ^2/NDF:14188.5/47

All: 0.320+/-0.002 χ^2/NDF: 27404.1/90

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 15.843+/-0.565 χ^2/NDF: 497.2/2

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 21.575+/-0.340 χ^2/NDF: 2066.5/4

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

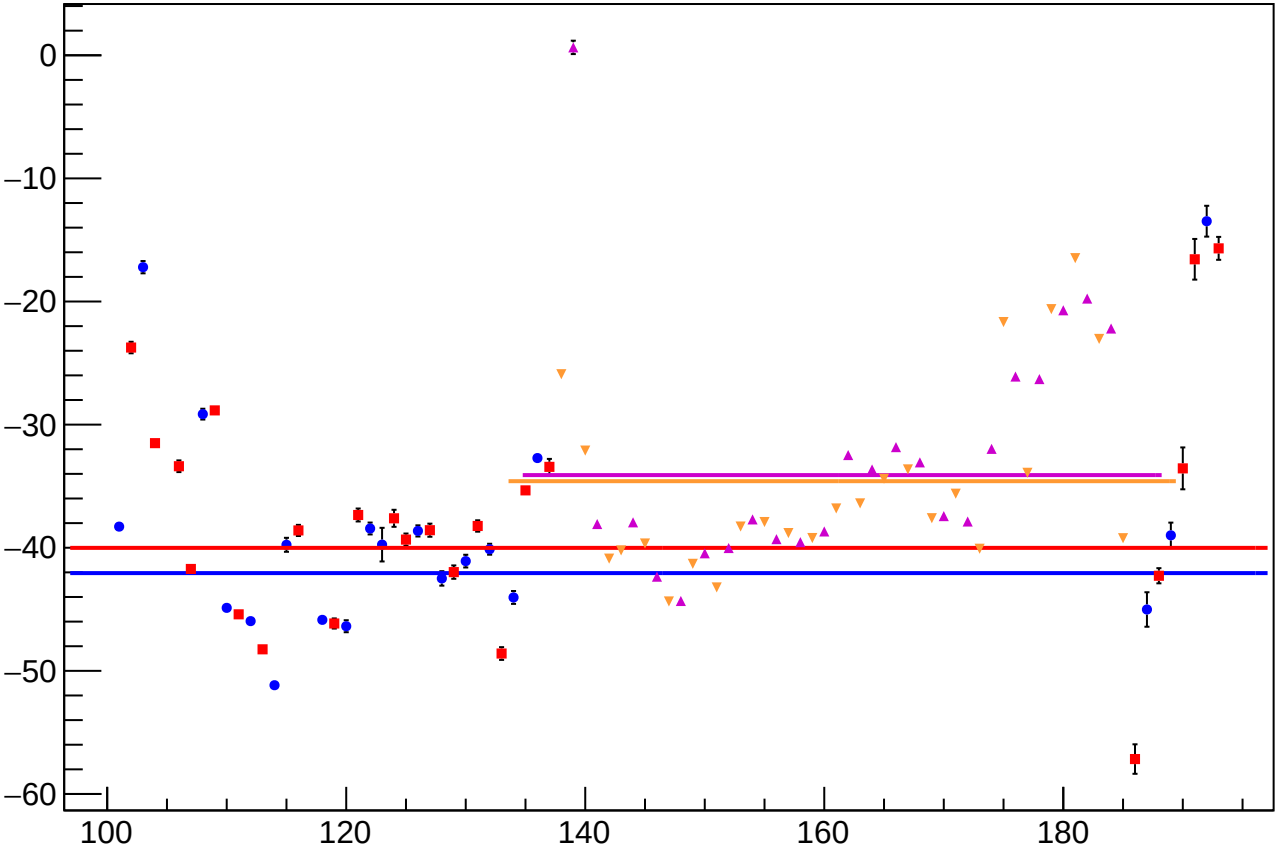
Right: 20.050+/-0.291 χ^2/NDF: 2639.2/7

In: -2.703+/-0.054 χ^2/NDF:47965.8/25

Out: -1.929+/-0.052 χ^2/NDF:62890.0/29

All: -2.301+/-0.038 χ^2/NDF: 110960.9/55

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.060+/-0.077 χ^2/NDF: 7110.1/19

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -40.010+/-0.072 χ^2/NDF: 12005.9/22

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

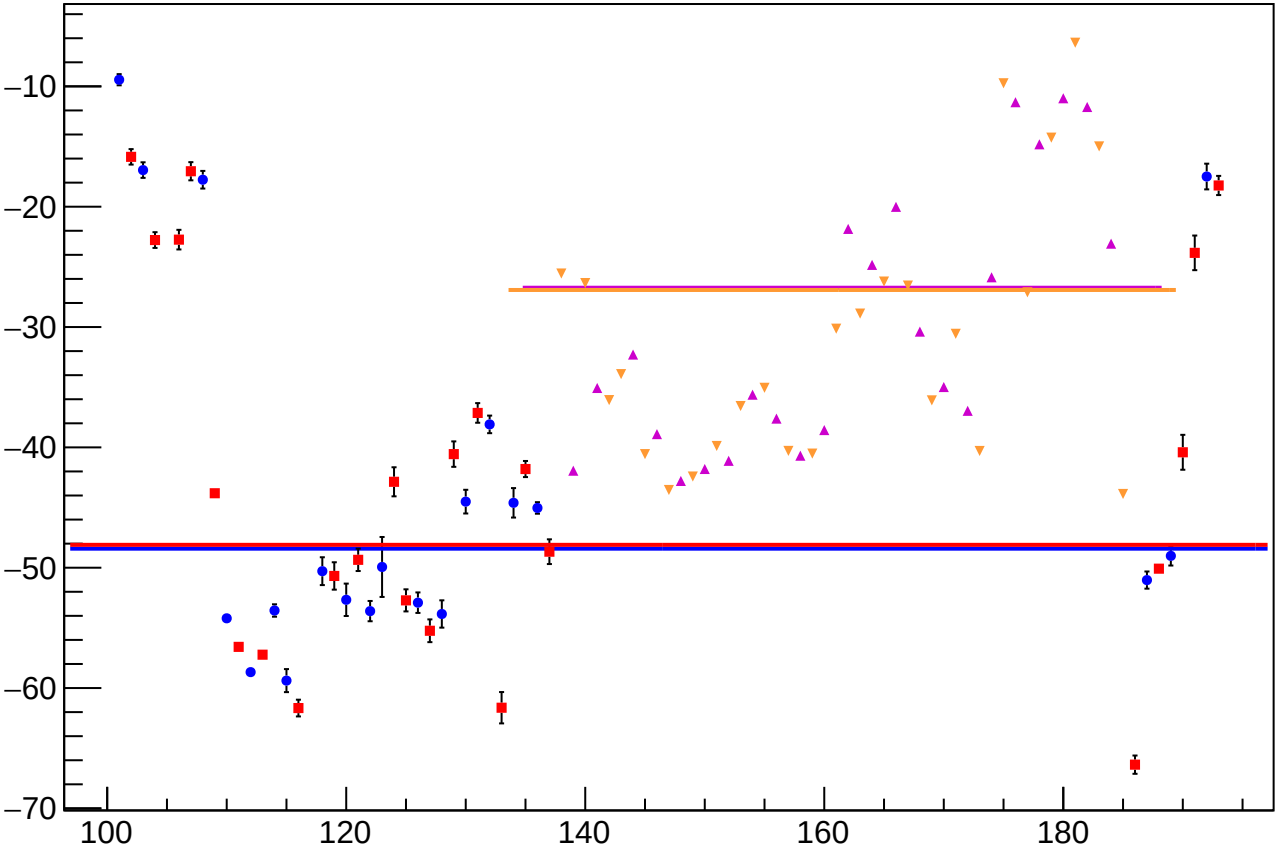
Right: -40.961+/-0.053 χ^2/NDF: 19493.2/42

In: -36.038+/-0.038 χ^2/NDF:44508.5/42

Out: -35.970+/-0.036 χ^2/NDF:50645.8/47

All: -36.002+/-0.026 χ^2/NDF: 95155.9/90

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.417+/-0.120 χ^2/NDF: 15517.2/19

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -48.099+/-0.100 χ^2/NDF: 13422.7/22

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

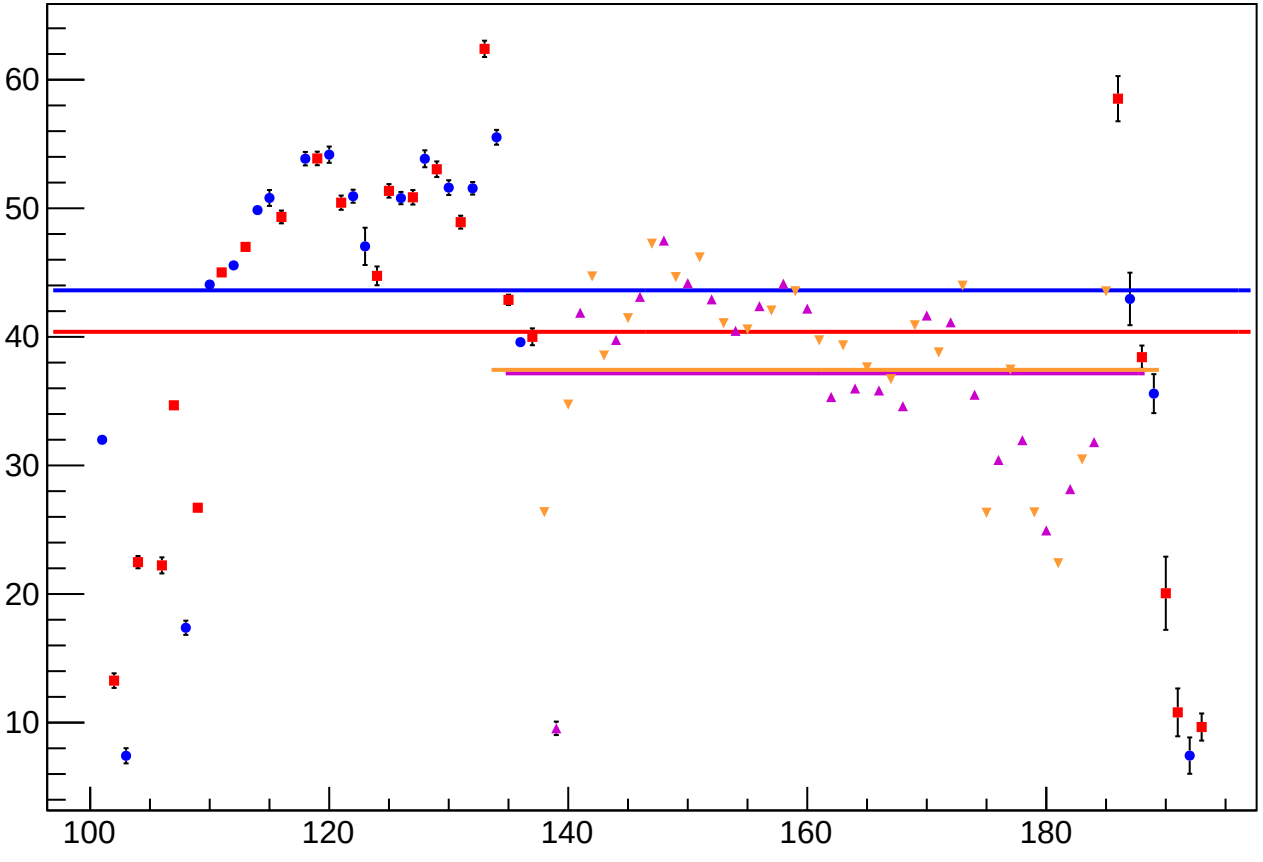
Right: -48.229+/-0.077 χ^2/NDF: 28944.0/42

In: -30.446+/-0.050 χ^2/NDF:85042.7/42

Out: -31.584+/-0.047 χ^2/NDF:97344.7/47

All: -31.047+/-0.034 χ^2/NDF: 182662.8/90

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.619+/-0.086 χ^2/NDF: 11325.3/19

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.392+/-0.080 χ^2/NDF: 18229.3/22

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

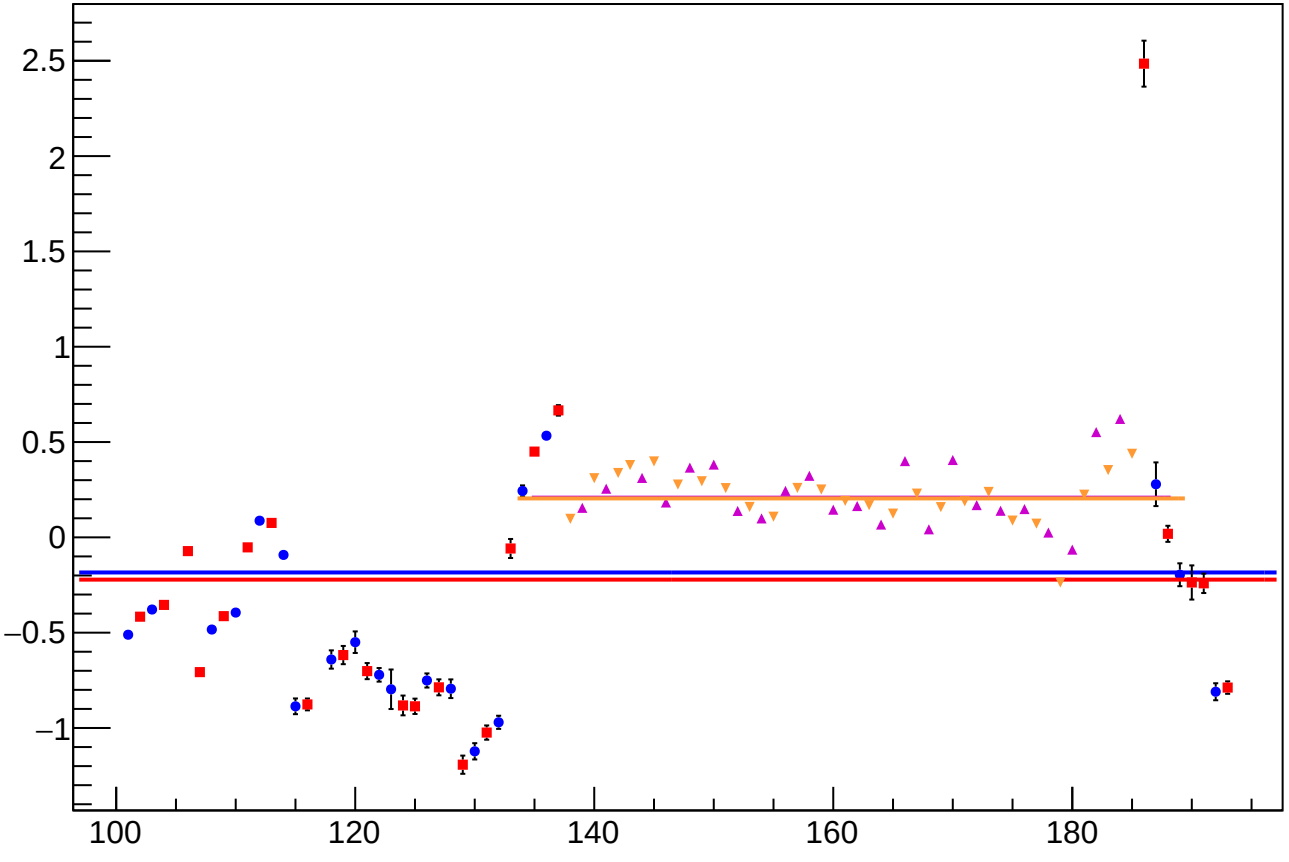
Right: 41.875+/-0.058 χ^2/NDF: 30310.9/42

In: 38.745+/-0.043 χ^2/NDF:32982.0/42

Out: 38.209+/-0.041 χ^2/NDF:40767.8/47

All: 38.464+/-0.029 χ^2/NDF: 73832.5/90

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.184+/-0.005 χ^2/NDF: 7590.9/19

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.222+/-0.004 χ^2/NDF: 8296.8/22

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

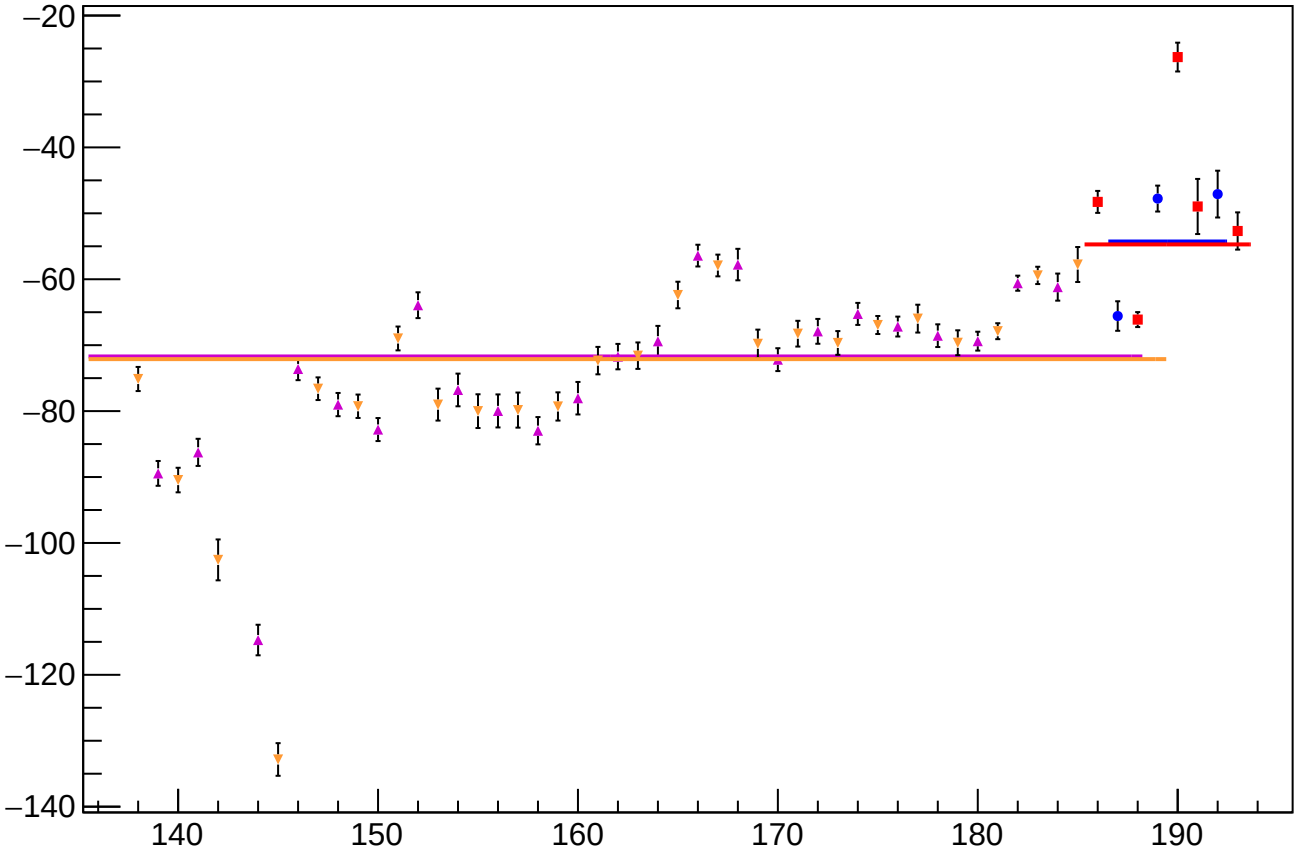
Right: -0.205+/-0.003 χ^2/NDF: 15922.2/42

In: 0.138+/-0.002 χ^2/NDF:18201.1/42

Out: 0.115+/-0.002 χ^2/NDF:20104.0/47

All: 0.126+/-0.001 χ^2/NDF: 38372.6/90

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.276+/-1.364 χ^2/NDF: 40.5/2

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -54.716+/-0.809 χ^2/NDF: 287.3/4

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

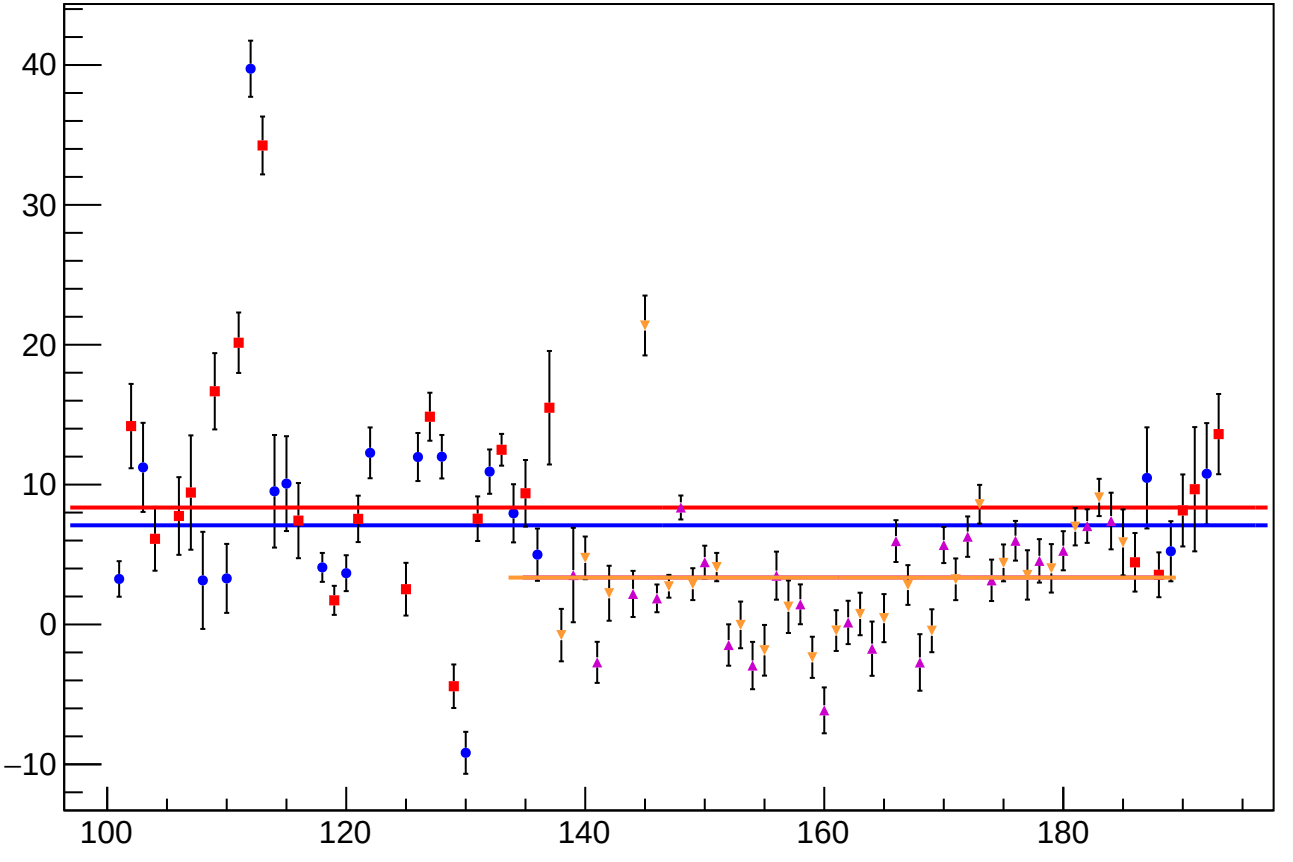
Right: -54.601+/-0.696 χ^2/NDF: 328.0/7

In: -70.455+/-0.366 χ^2/NDF:1076.8/25

Out: -68.931+/-0.346 χ^2/NDF:1790.6/28

All: -69.650+/-0.252 χ^2/NDF: 2876.5/54

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.089+/-0.419 χ^2/NDF: 449.5/18

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.360+/-0.412 χ^2/NDF: 365.6/21

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

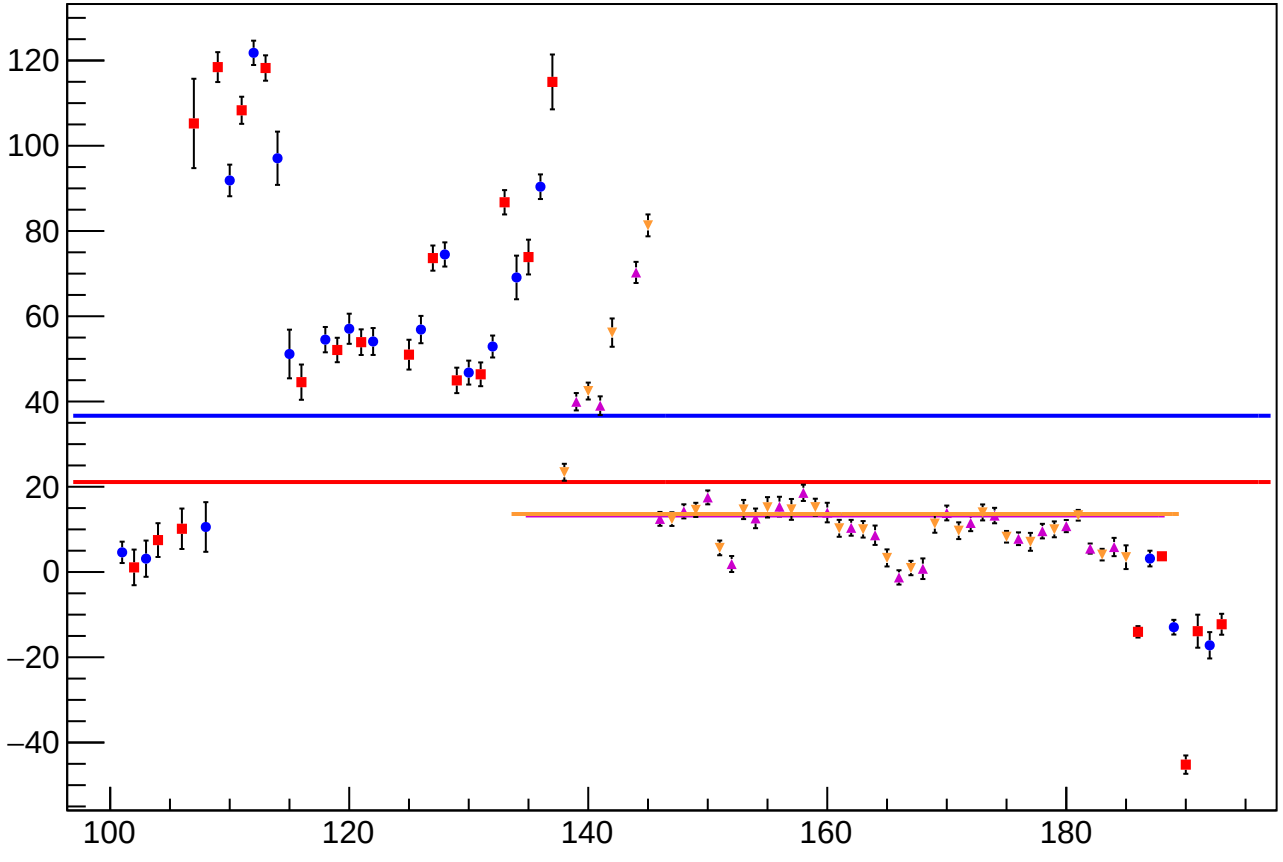
Right: 7.735+/-0.294 χ^2/NDF: 819.8/40

In: 4.609+/-0.243 χ^2/NDF:666.7/41

Out: 5.046+/-0.240 χ^2/NDF:631.1/45

All: 4.830+/-0.171 χ^2/NDF: 1299.4/87

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.660+/-0.677 χ^2/NDF: 3674.8/18

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 21.109+/-0.528 χ^2/NDF: 6666.9/21

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

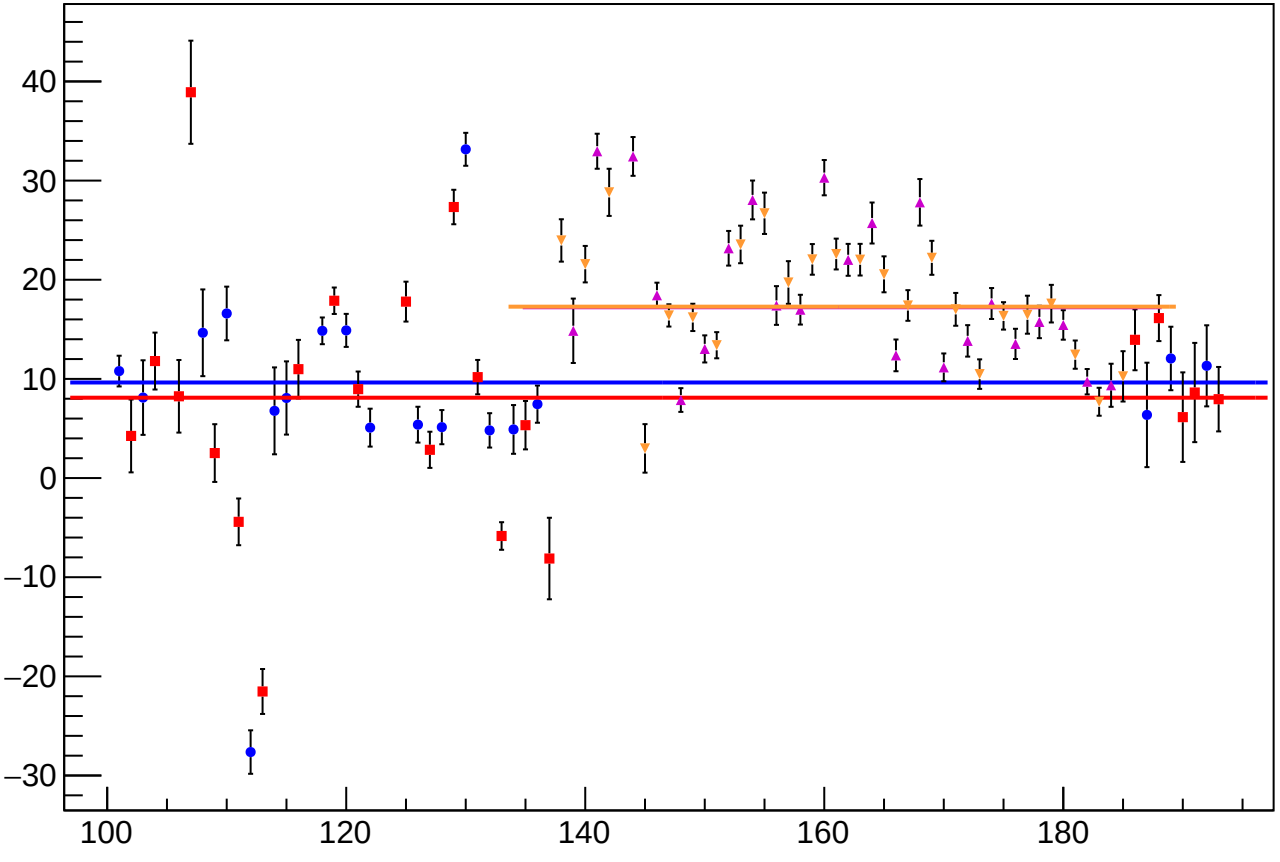
Right: 26.986+/-0.416 χ^2/NDF: 10670.0/40

In: 18.836+/-0.330 χ^2/NDF:5662.0/41

Out: 16.186+/-0.309 χ^2/NDF:8102.8/45

All: 17.424+/-0.226 χ^2/NDF: 13799.1/87

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.638+/-0.489 χ^2/NDF: 555.6/18

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.103+/-0.487 χ^2/NDF: 584.1/21

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

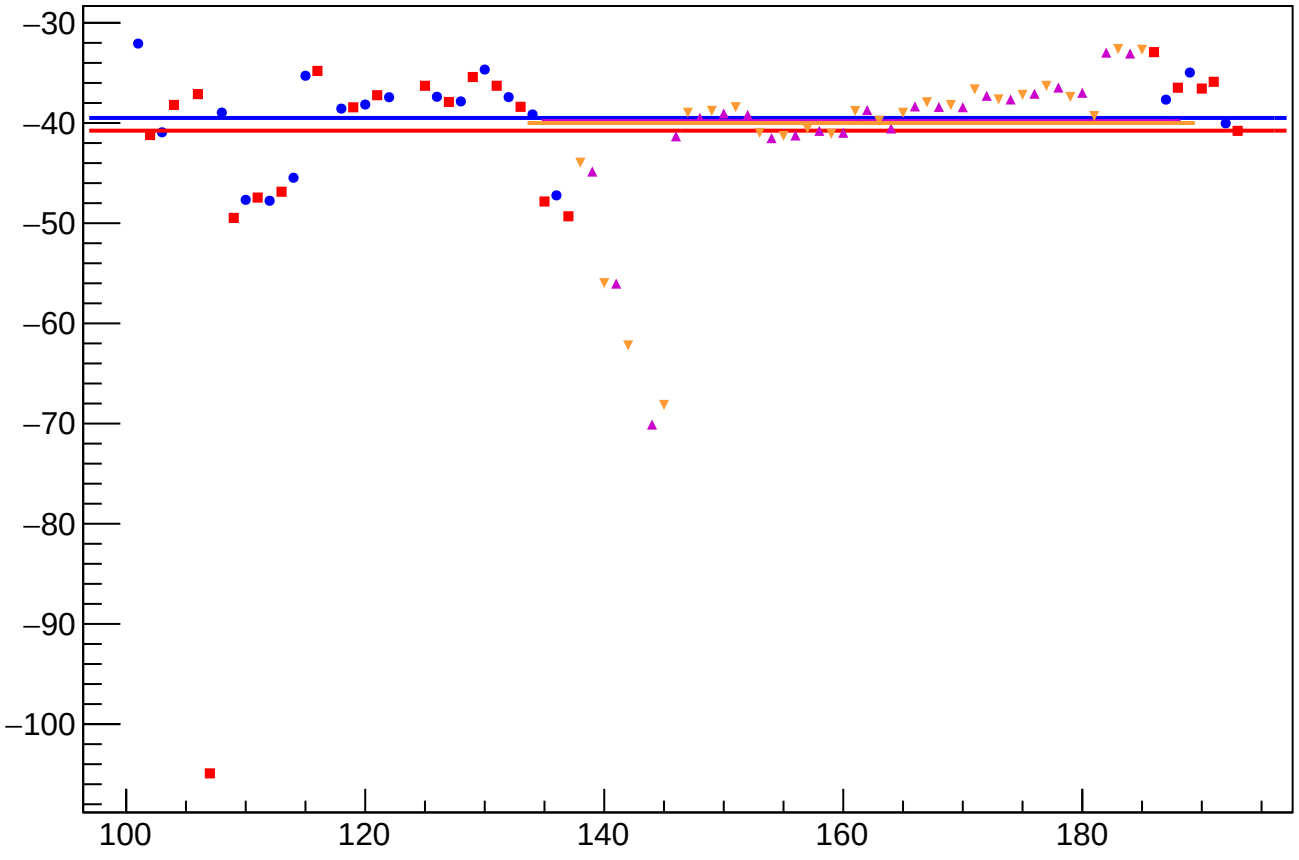
Right: 8.866+/-0.345 χ^2/NDF: 1144.6/40

In: 14.769+/-0.278 χ^2/NDF:1160.3/41

Out: 14.309+/-0.277 χ^2/NDF:1068.7/45

All: 14.538+/-0.196 χ^2/NDF: 2230.4/87

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.494+/-0.029 χ^2/NDF: 27677.7/18

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.762+/-0.027 χ^2/NDF: 99264.5/21

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

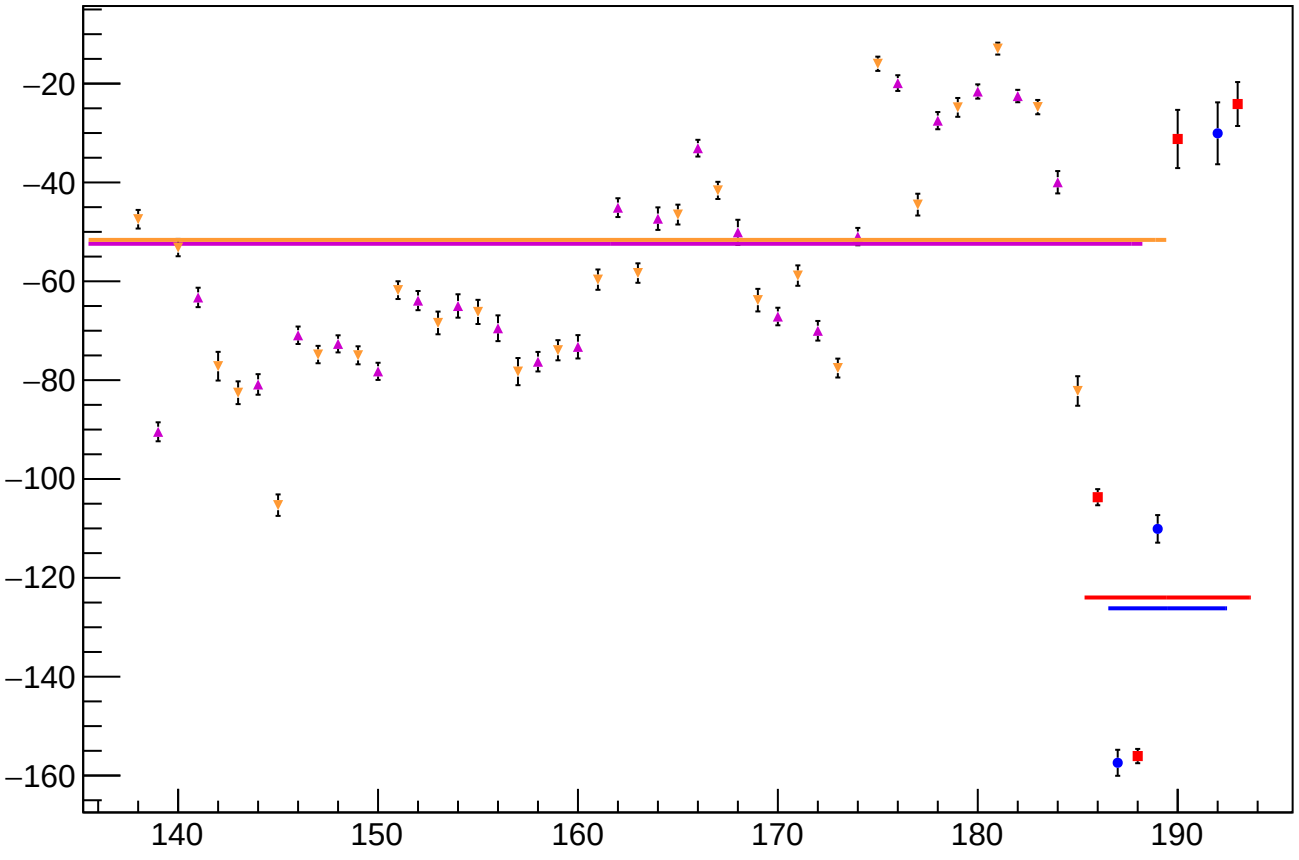
Right: -40.167+/-0.020 χ^2/NDF: 127945.6/40

In: -39.742+/-0.014 χ^2/NDF:173561.4/41

Out: -40.190+/-0.014 χ^2/NDF:271992.8/45

All: -39.968+/-0.010 χ^2/NDF: 446089.3/87

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -126.166+/-1.831 χ^2/NDF: 409.7/2

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -123.978+/-1.035 χ^2/NDF: 1399.8/3

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

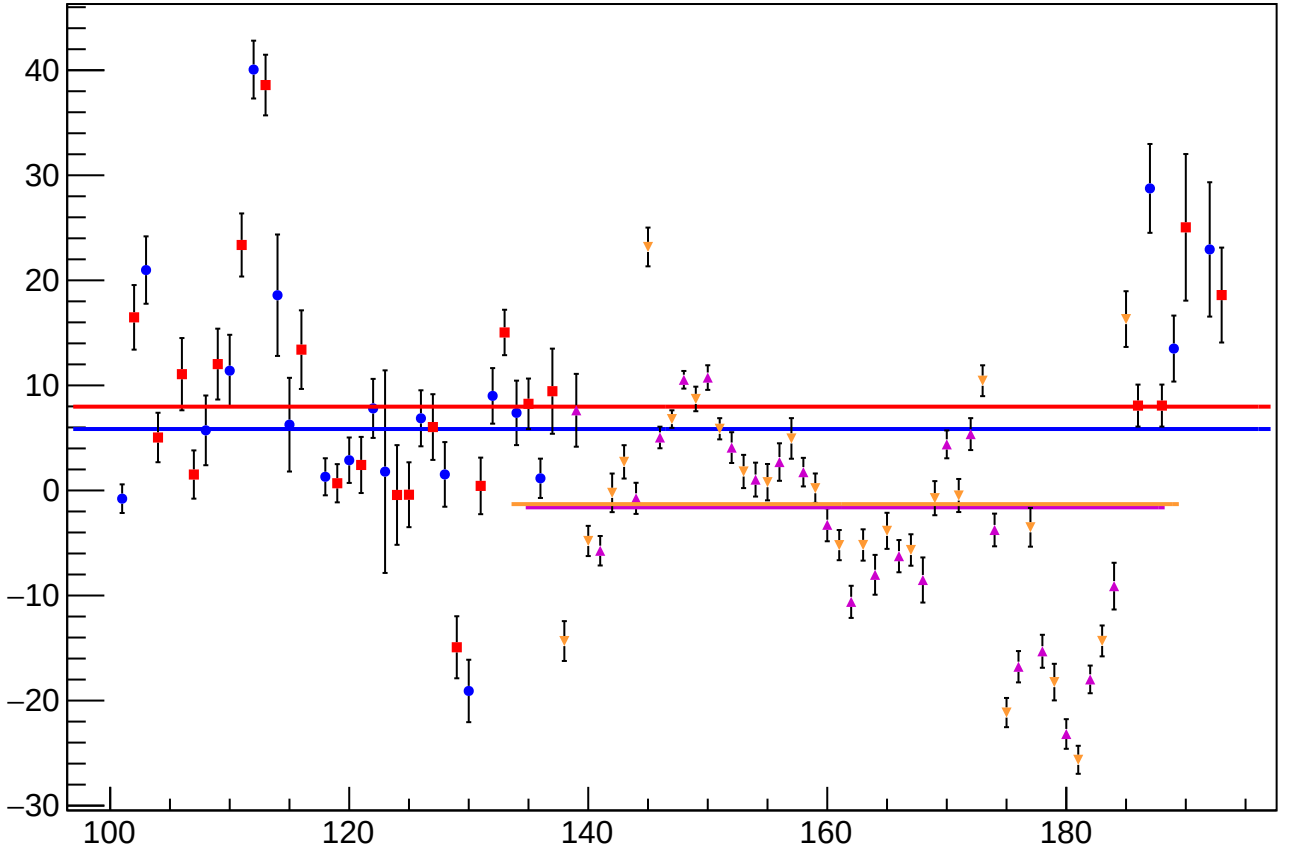
Right: -124.508+/-0.901 χ^2/NDF: 1810.6/6

In: -55.565+/-0.379 χ^2/NDF:5341.2/25

Out: -60.356+/-0.360 χ^2/NDF:9830.5/28

All: -58.085+/-0.261 χ^2/NDF: 15255.9/54

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.848+/-0.600 χ^2/NDF: 340.2/19

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 7.977+/-0.586 χ^2/NDF: 281.9/21

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

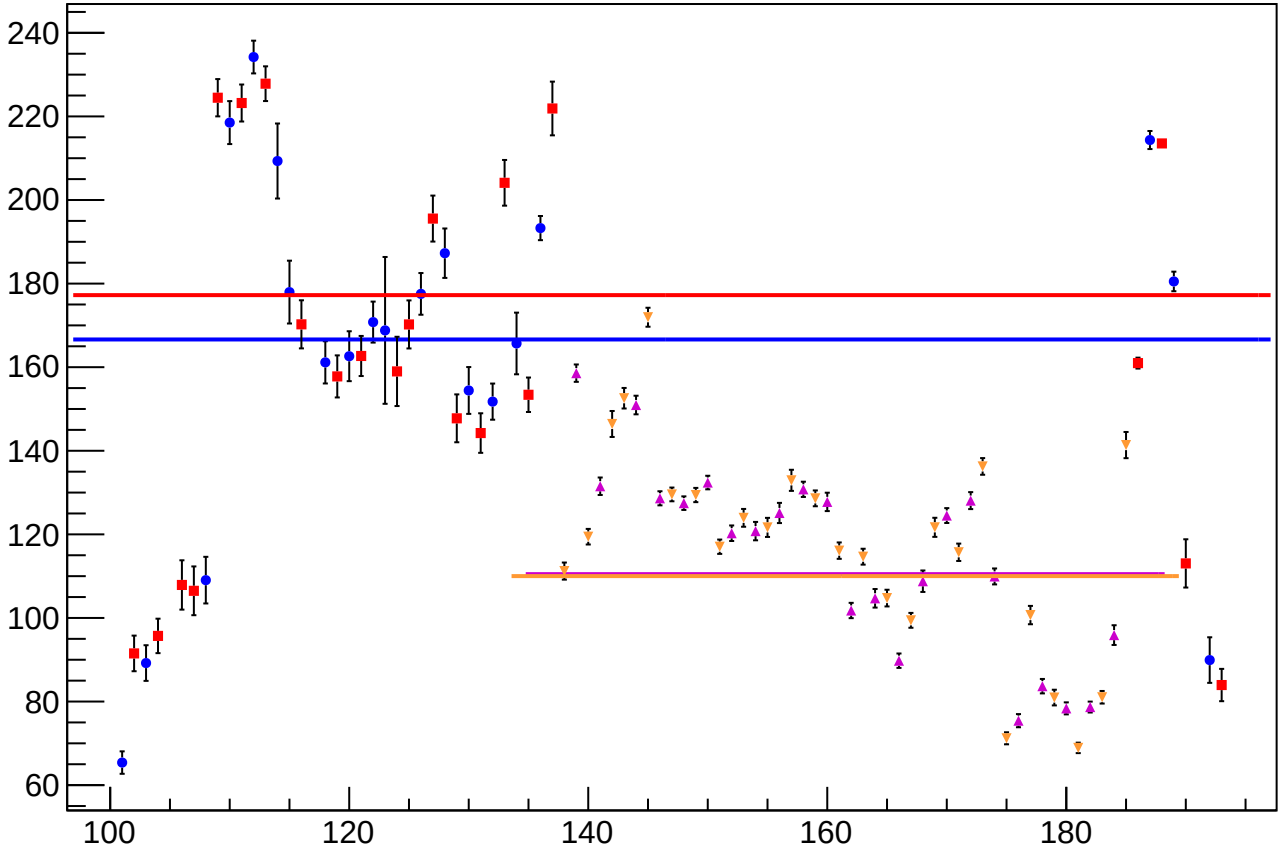
Right: 6.939+/-0.419 χ^2/NDF: 628.5/41

In: -0.122+/-0.268 χ^2/NDF:1561.0/42

Out: 0.552+/-0.262 χ^2/NDF:1798.5/46

All: 0.223+/-0.187 χ^2/NDF: 3362.7/89

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 166.630+/-0.915 χ^2/NDF: 3123.2/19

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 177.241+/-0.683 χ^2/NDF: 3512.8/21

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

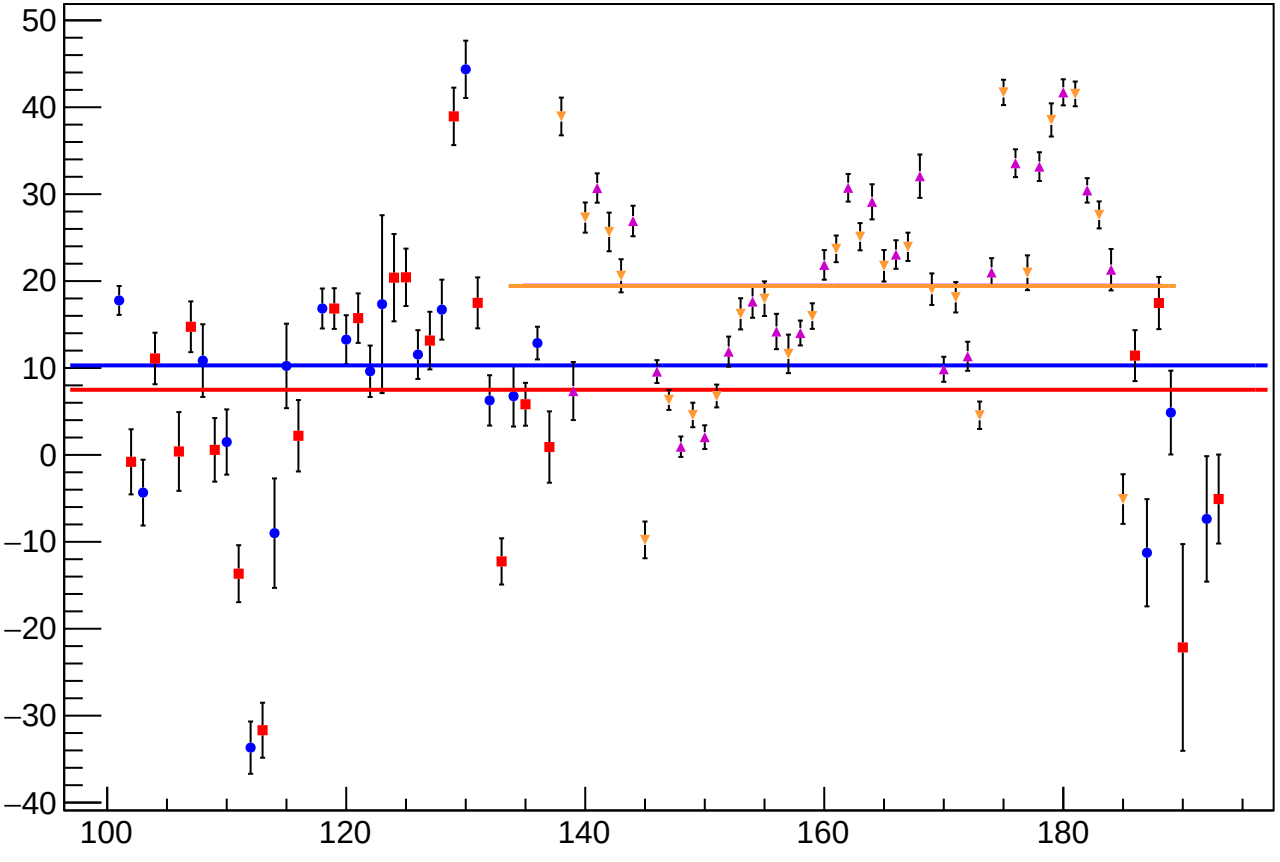
Right: 173.442+/-0.548 χ^2/NDF: 6722.3/41

In: 118.911+/-0.355 χ^2/NDF:10146.0/42

Out: 126.063+/-0.334 χ^2/NDF:15414.9/46

All: 122.701+/-0.243 χ^2/NDF: 25776.5/89

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.298+/-0.698 χ^2/NDF: 408.2/19

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.494+/-0.698 χ^2/NDF: 450.0/21

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

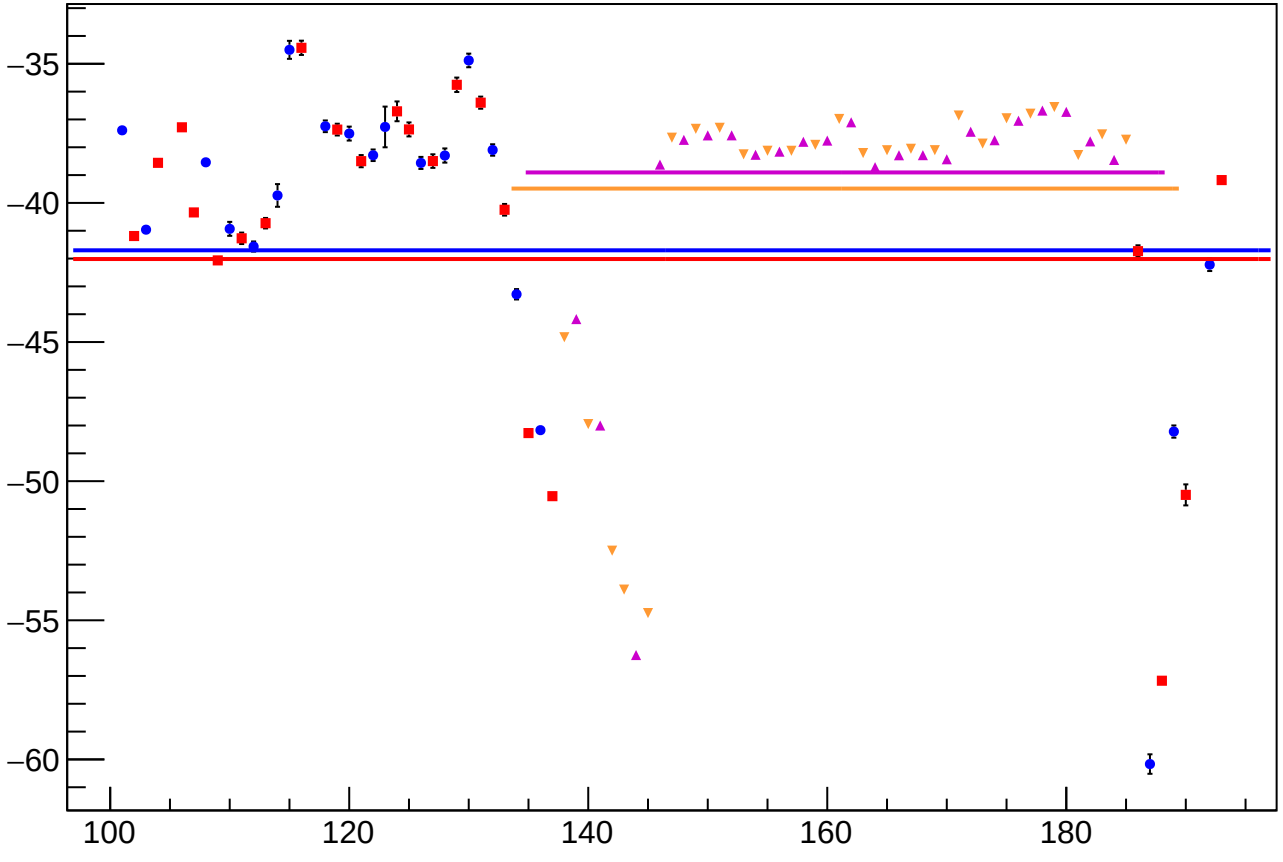
Right: 8.897+/-0.494 χ^2/NDF: 866.3/41

In: 17.699+/-0.307 χ^2/NDF:1735.8/42

Out: 17.193+/-0.302 χ^2/NDF:2139.9/46

All: 17.442+/-0.215 χ^2/NDF: 3877.1/89

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.703+/-0.037 χ^2/NDF: 16362.7/19

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -42.017+/-0.036 χ^2/NDF: 22257.0/21

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

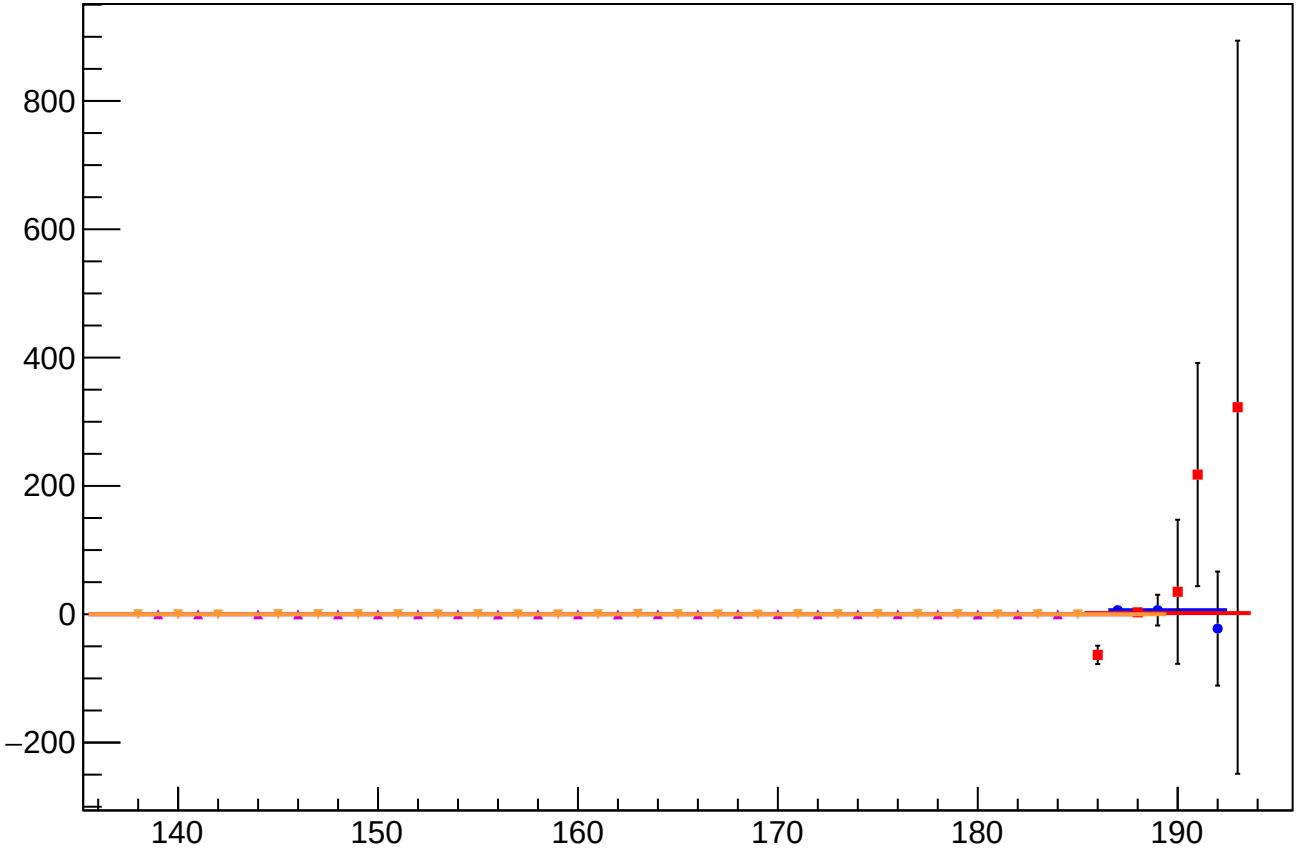
Right: -41.865+/-0.026 χ^2/NDF: 38656.3/41

In: -39.333+/-0.015 χ^2/NDF:75441.7/42

Out: -39.892+/-0.014 χ^2/NDF:115282.6/46

All: -39.614+/-0.010 χ^2/NDF: 191468.0/89

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.273+/-2.982 χ^2/NDF: 0.1/2

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 1.796+/-1.944 χ^2/NDF: 23.0/4

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

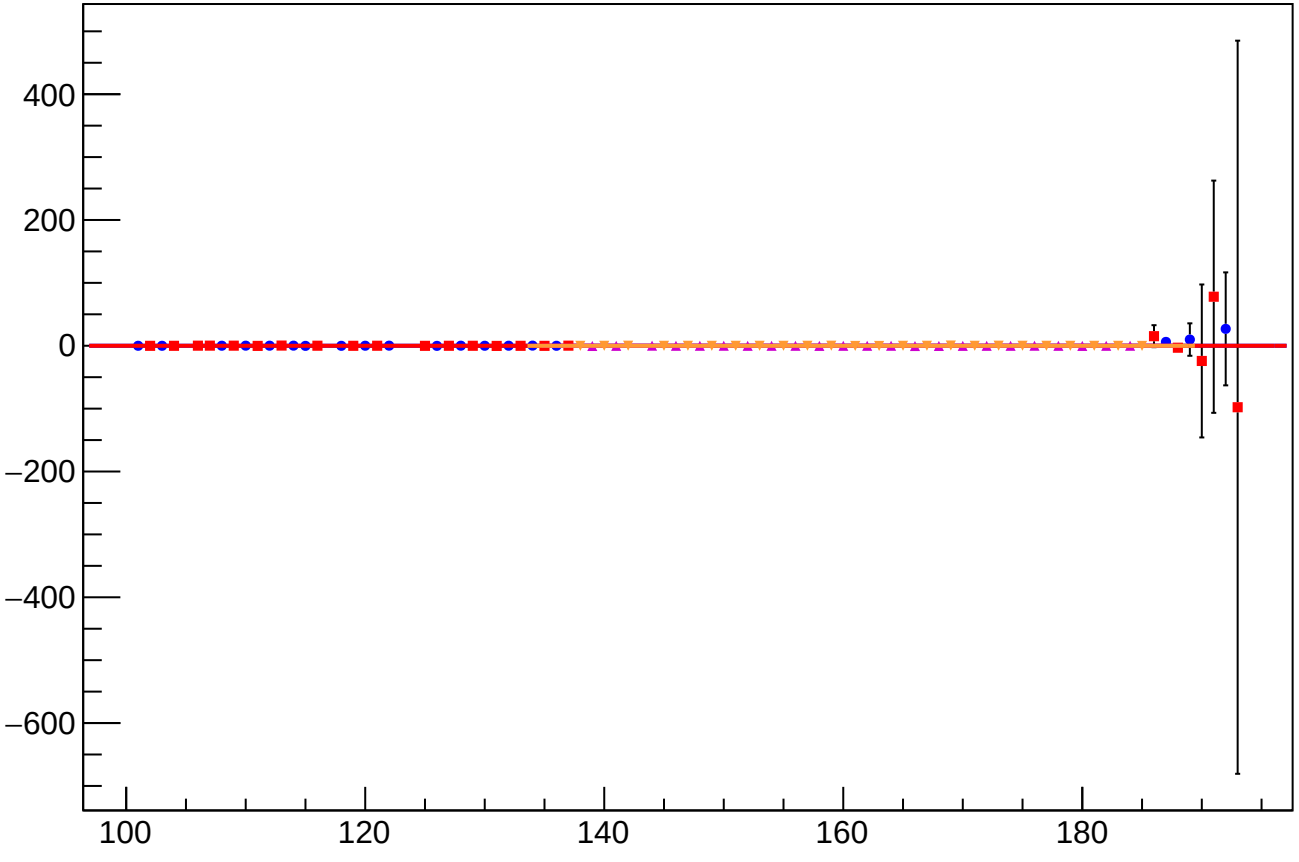
Right: 3.131+/-1.629 χ^2/NDF: 24.7/7

In: -0.025+/-0.022 χ^2/NDF:36.8/25

Out: -0.089+/-0.022 χ^2/NDF:64.0/28

All: -0.057+/-0.016 χ^2/NDF: 104.9/54

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 14.4/18

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.051+/-0.029 χ^2/NDF: 23.2/21

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

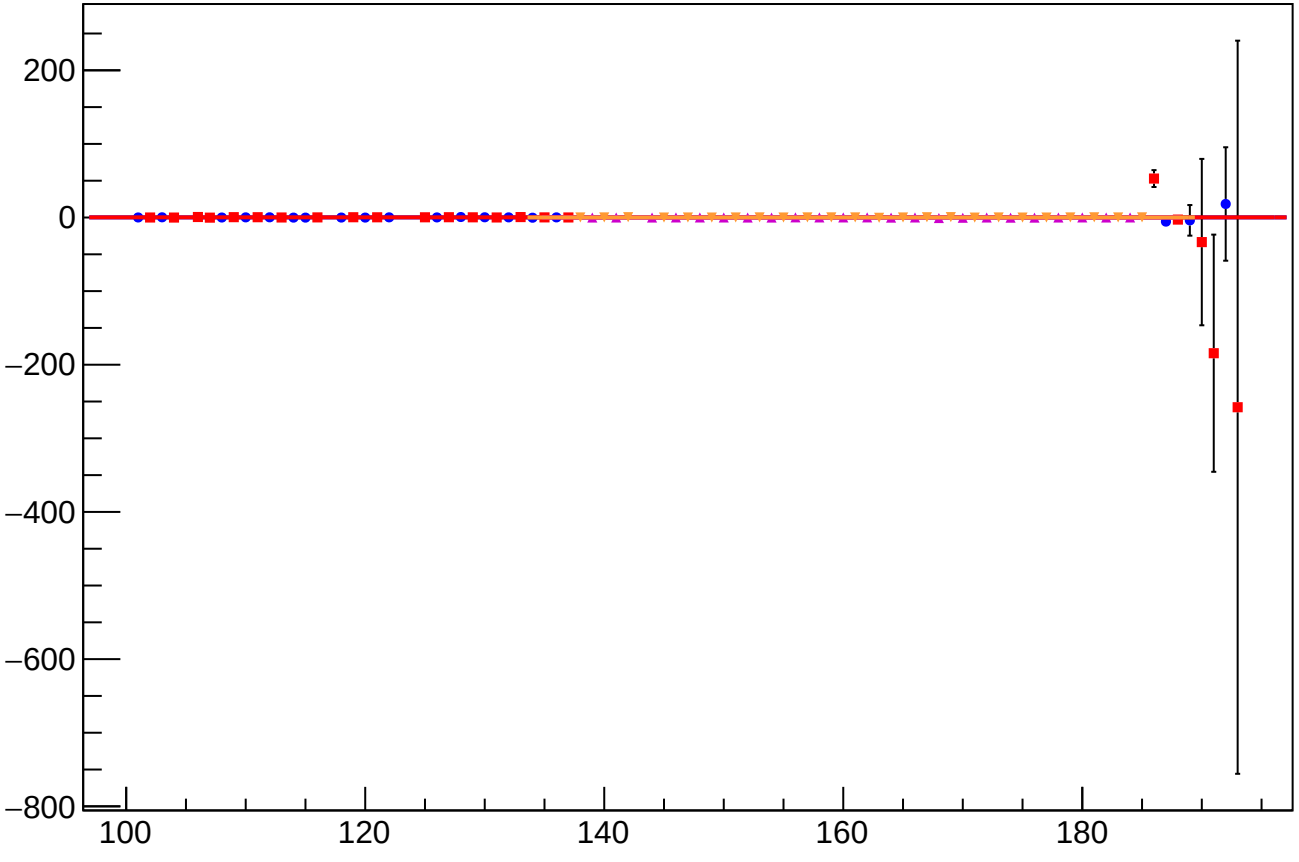
Right: -0.024+/-0.020 χ^2/NDF: 39.2/40

In: -0.039+/-0.015 χ^2/NDF:49.5/41

Out: -0.073+/-0.015 χ^2/NDF:49.7/45

All: -0.056+/-0.011 χ^2/NDF: 101.8/87

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.168+/-0.052 χ^2/NDF: 19.1/18

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.237+/-0.054 χ^2/NDF: 43.4/21

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

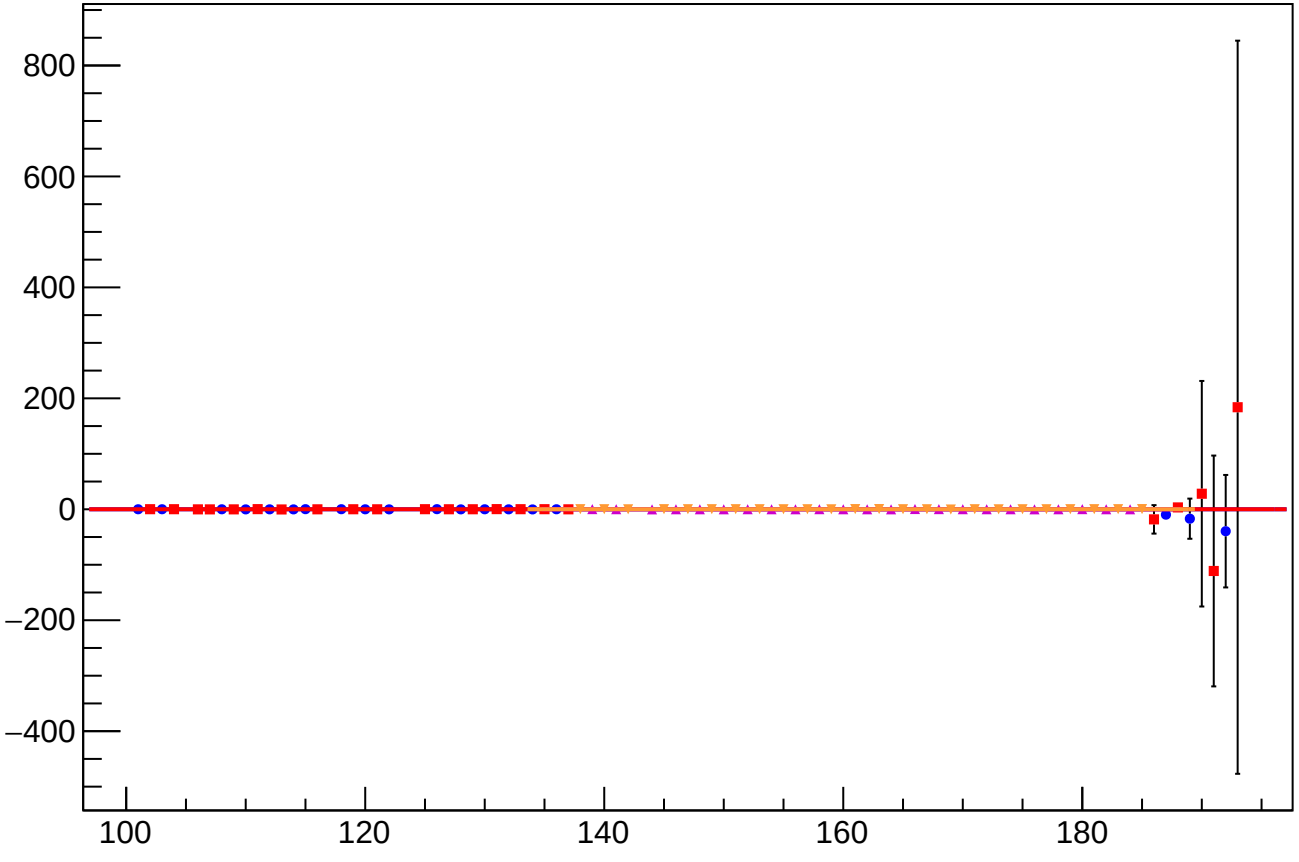
Right: 0.202+/-0.038 χ^2/NDF: 63.4/40

In: 0.043+/-0.020 χ^2/NDF:60.4/41

Out: 0.104+/-0.020 χ^2/NDF:89.3/45

All: 0.073+/-0.014 χ^2/NDF: 154.3/87

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 16.0/18

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 21.6/21

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

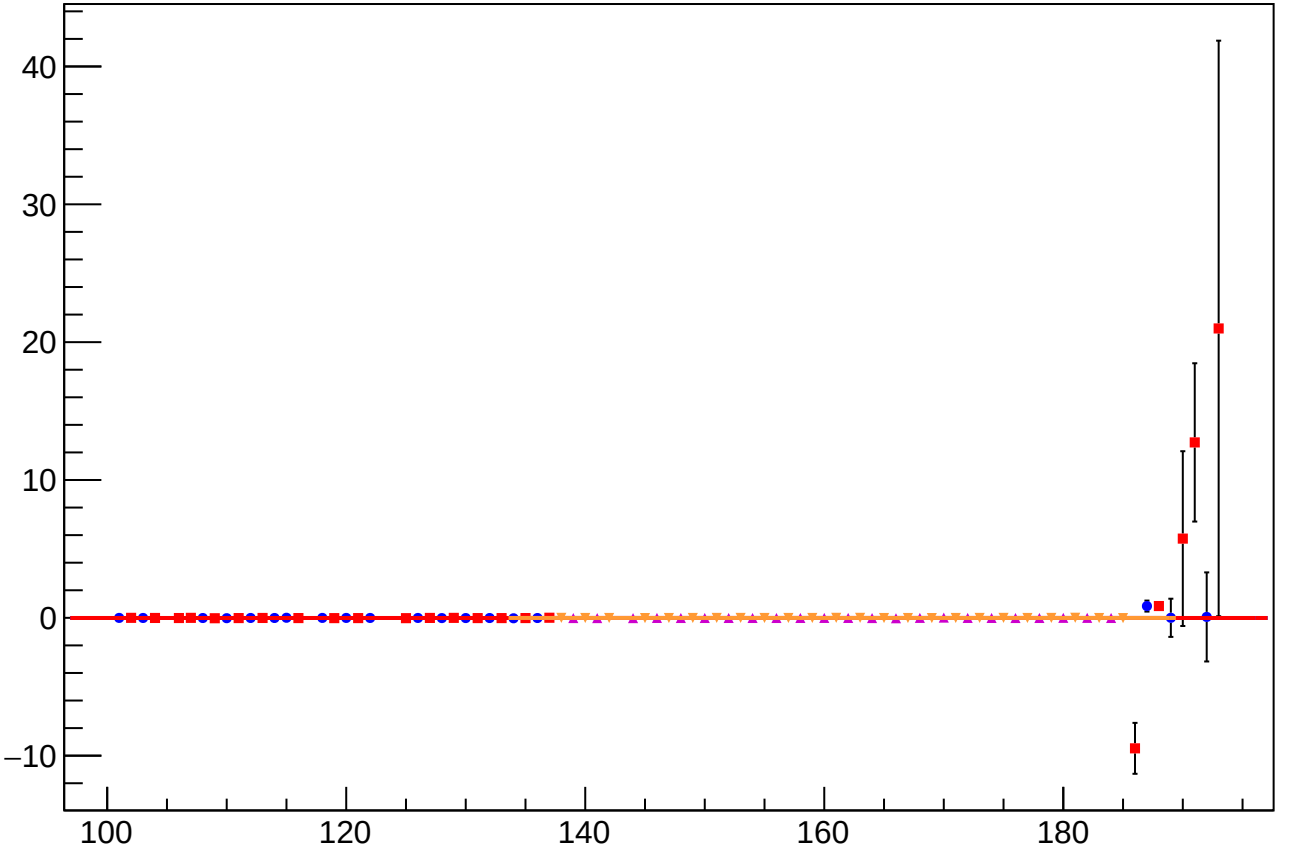
Right: 0.022+/-0.023 χ^2/NDF: 39.9/40

In: 0.050+/-0.017 χ^2/NDF:52.5/41

Out: 0.093+/-0.017 χ^2/NDF:52.5/45

All: 0.071+/-0.012 χ^2/NDF: 108.3/87

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 17.6/18

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 70.7/21

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

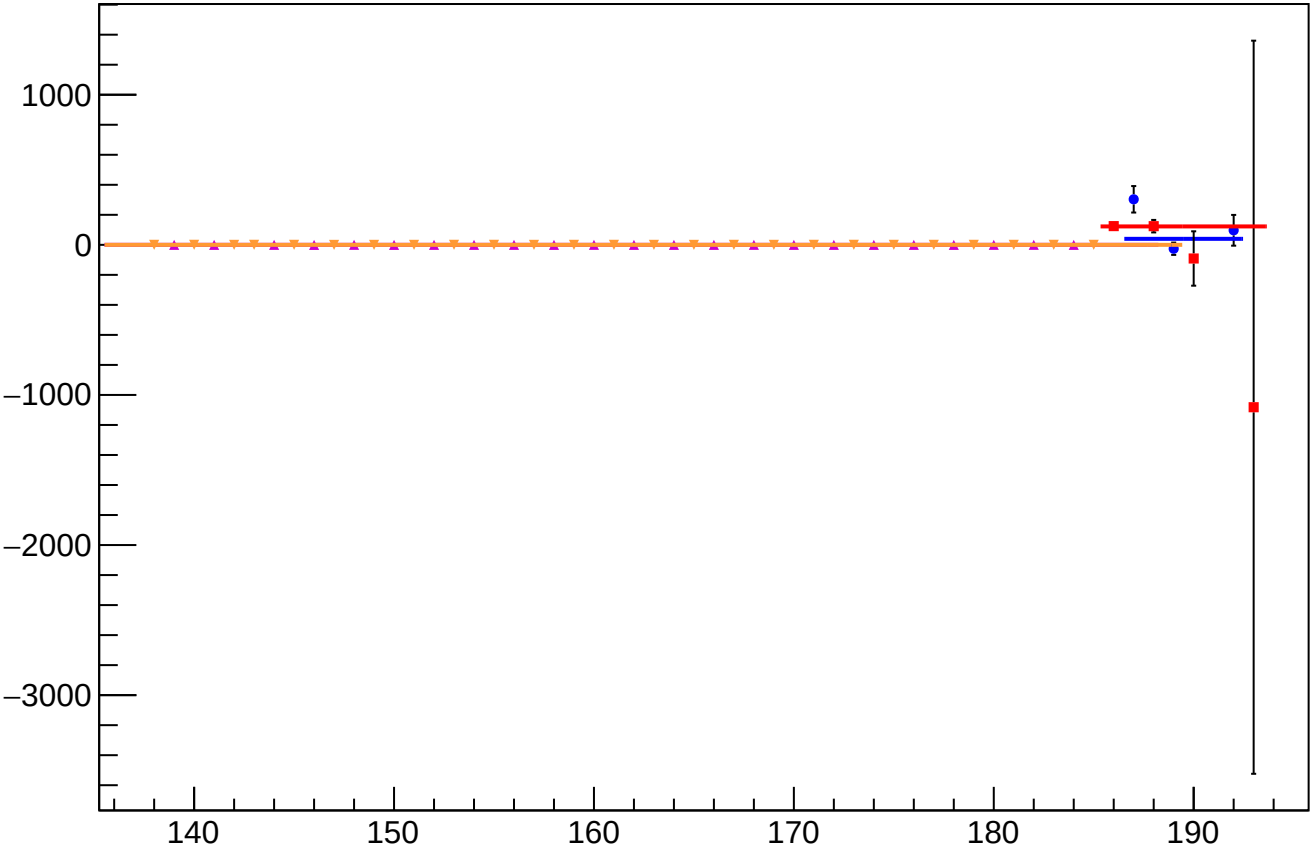
Right: -0.011+/-0.001 χ^2/NDF: 88.4/40

In: -0.009+/-0.001 χ^2/NDF:61.9/41

Out: -0.009+/-0.001 χ^2/NDF:103.3/45

All: -0.009+/-0.001 χ^2/NDF: 165.8/87

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 39.972+/-34.935 χ^2/NDF: 11.8/2

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 122.679+/-17.073 χ^2/NDF: 1.6/3

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

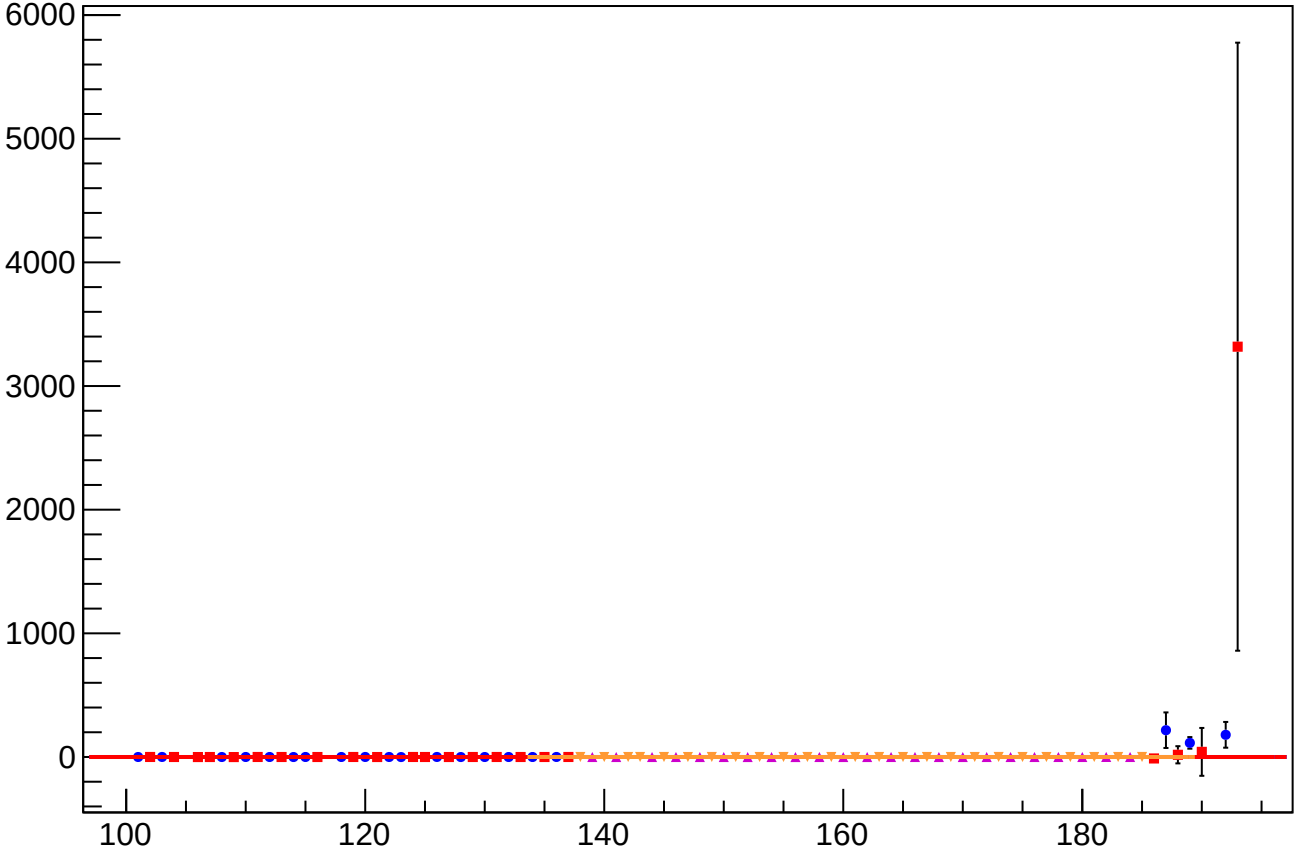
Right: 106.733+/-15.339 χ^2/NDF: 18.0/6

In: 0.004+/-0.028 χ^2/NDF:41.3/25

Out: 0.014+/-0.027 χ^2/NDF:82.4/28

All: 0.009+/-0.019 χ^2/NDF: 123.8/54

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 34.5/19

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 19.6/21

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

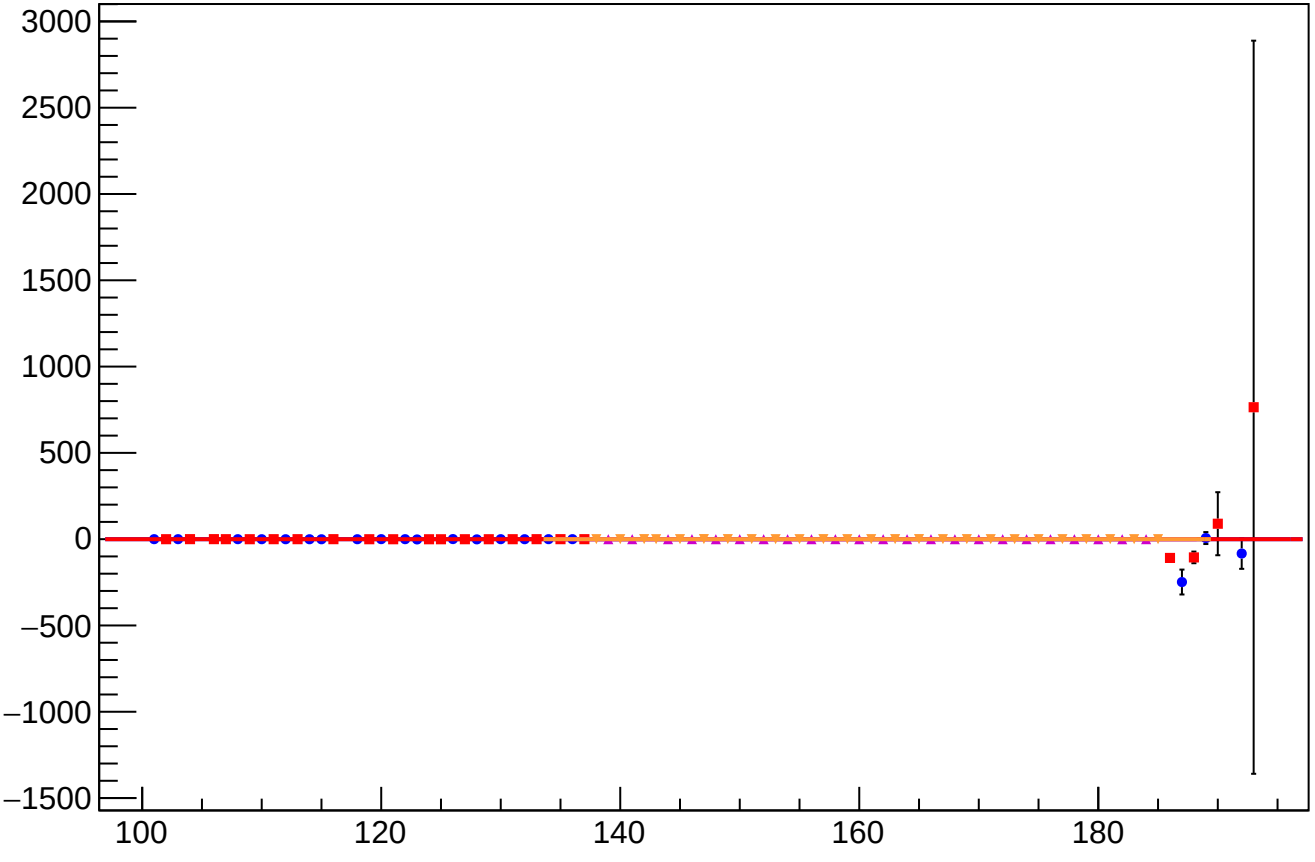
Right: -0.072+/-0.027 χ^2/NDF: 57.9/41

In: -0.059+/-0.019 χ^2/NDF:84.5/42

Out: -0.074+/-0.019 χ^2/NDF:47.5/46

All: -0.066+/-0.013 χ^2/NDF: 132.3/89

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.067 χ^2/NDF: 36.5/19

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 68.3/21

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

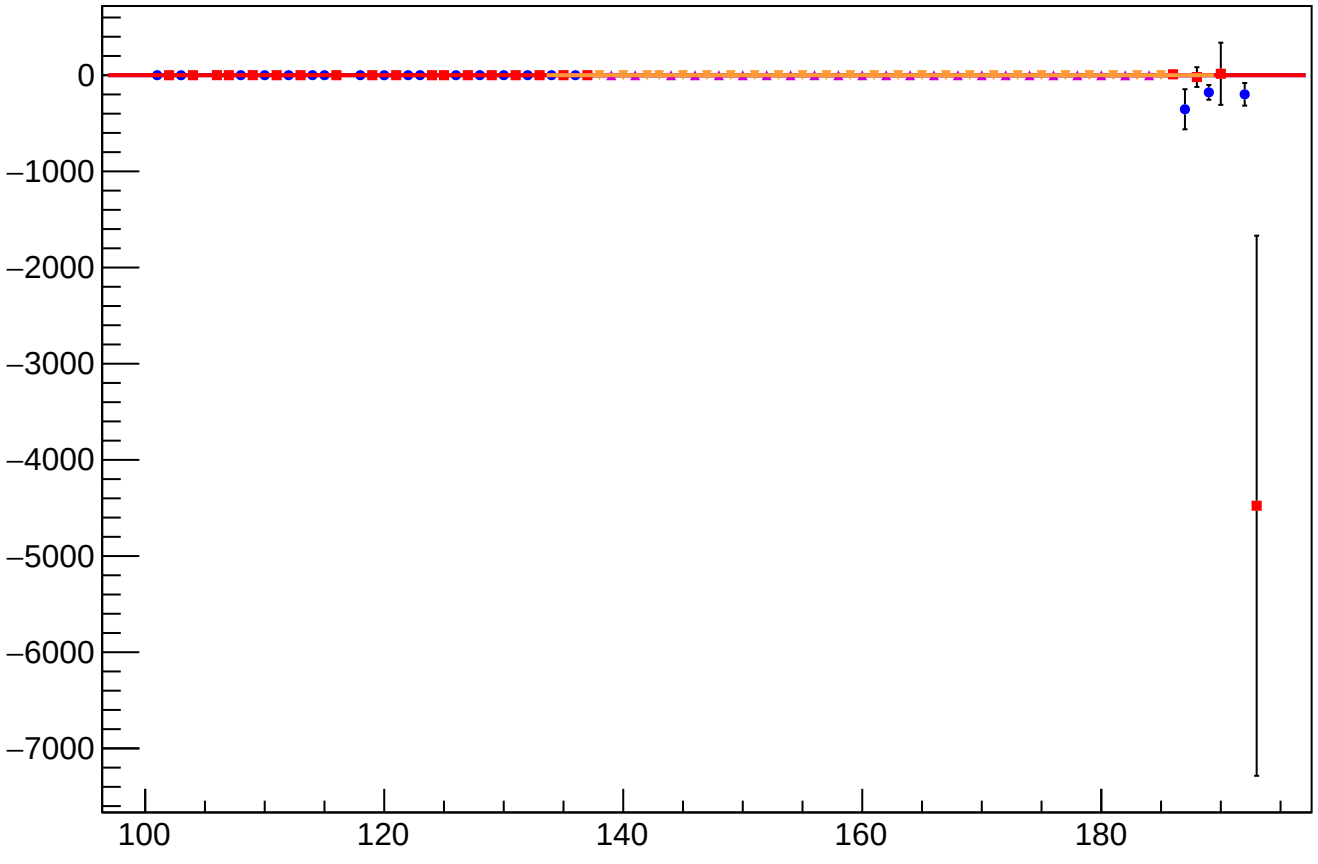
Right: -0.151+/-0.049 χ^2/NDF: 105.0/41

In: -0.048+/-0.025 χ^2/NDF:65.9/42

Out: -0.035+/-0.025 χ^2/NDF:99.8/46

All: -0.042+/-0.018 χ^2/NDF: 165.8/89

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 33.6/19

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 18.4/21

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

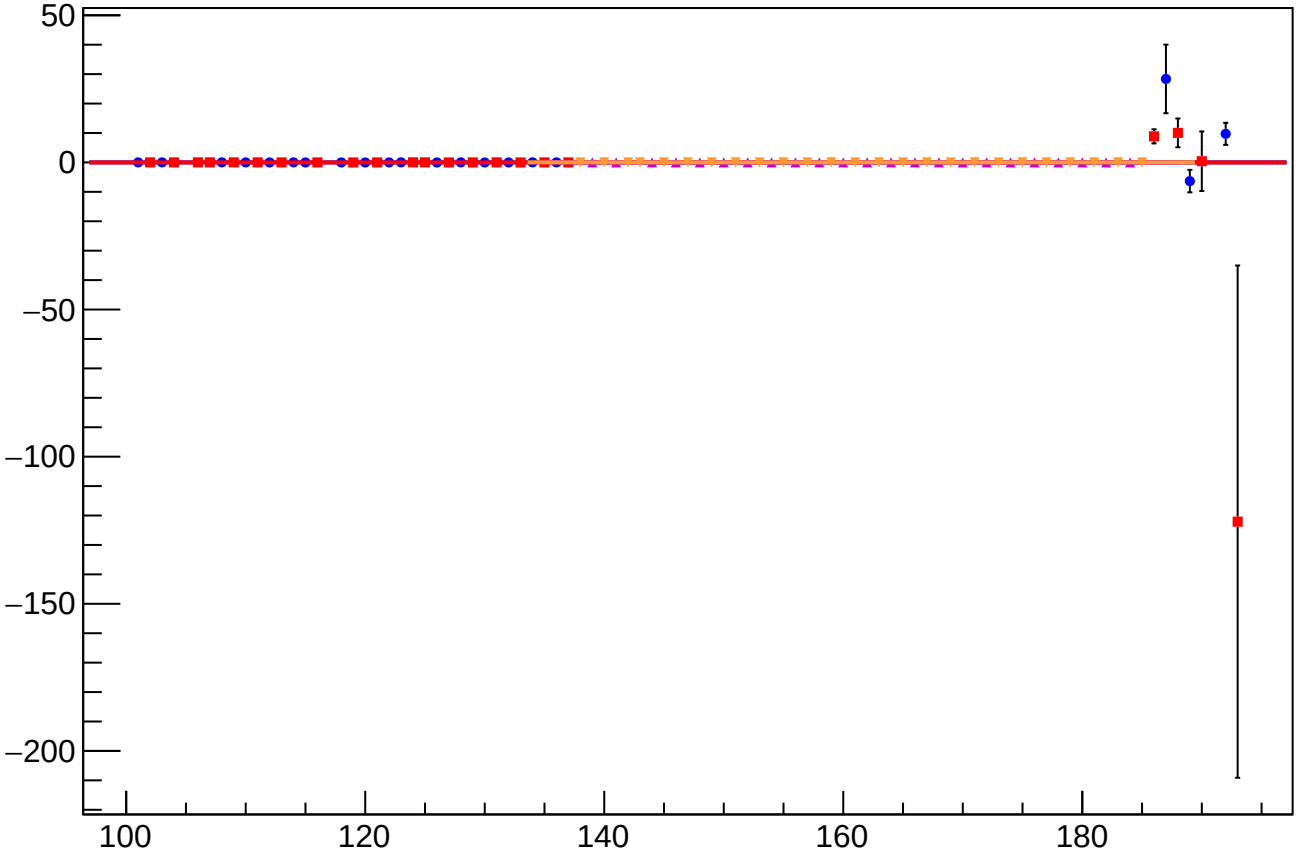
Right: 0.082+/-0.031 χ^2/NDF: 56.5/41

In: 0.057+/-0.021 χ^2/NDF:86.1/42

Out: 0.081+/-0.021 χ^2/NDF:46.5/46

All: 0.069+/-0.015 χ^2/NDF: 133.3/89

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 47.8/19

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 40.4/21

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

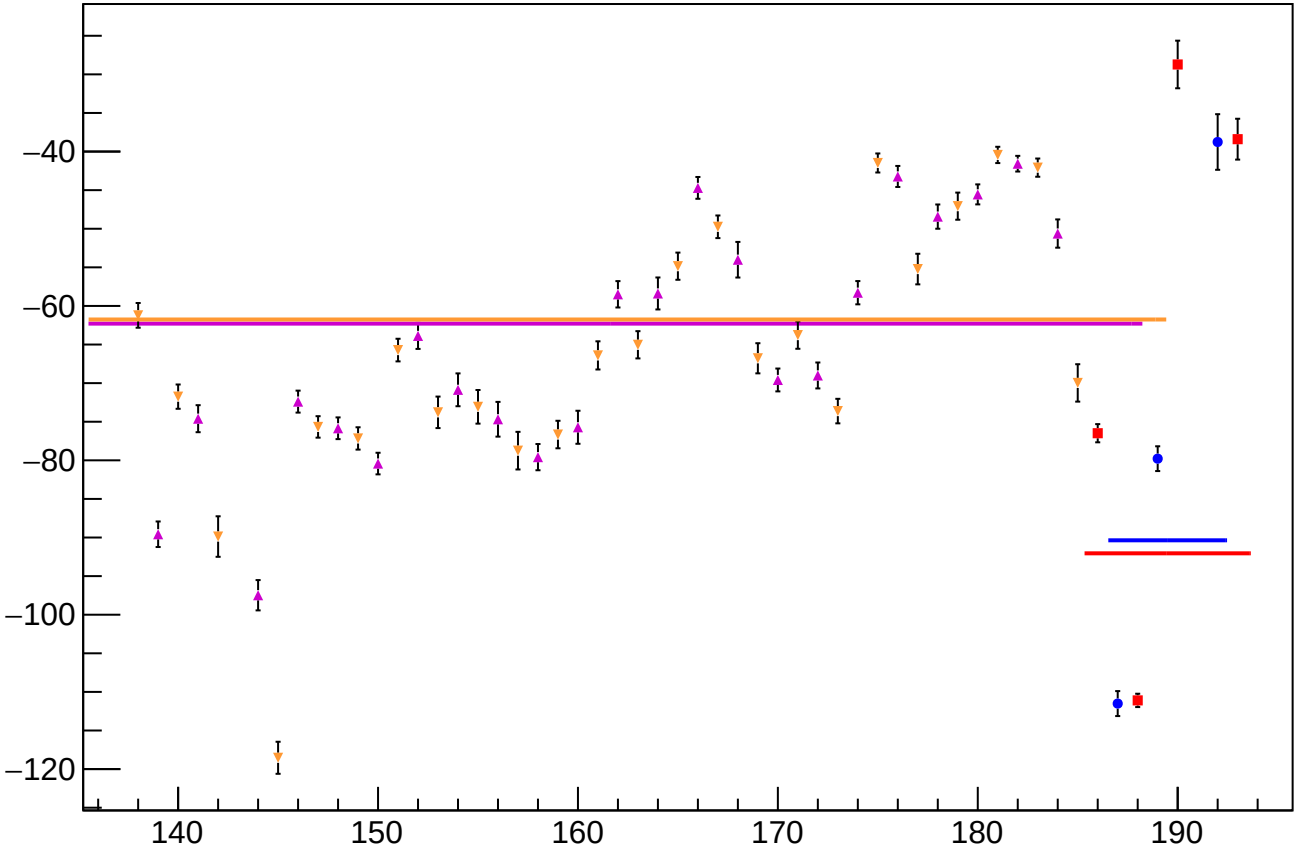
Right: 0.002+/-0.002 χ^2/NDF: 88.3/41

In: 0.008+/-0.001 χ^2/NDF:73.7/42

Out: 0.007+/-0.001 χ^2/NDF:71.6/46

All: 0.007+/-0.001 χ^2/NDF: 145.3/89

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -90.362+/-1.086 χ^2/NDF: 419.6/2

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -92.048+/-0.658 χ^2/NDF: 1493.3/3

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

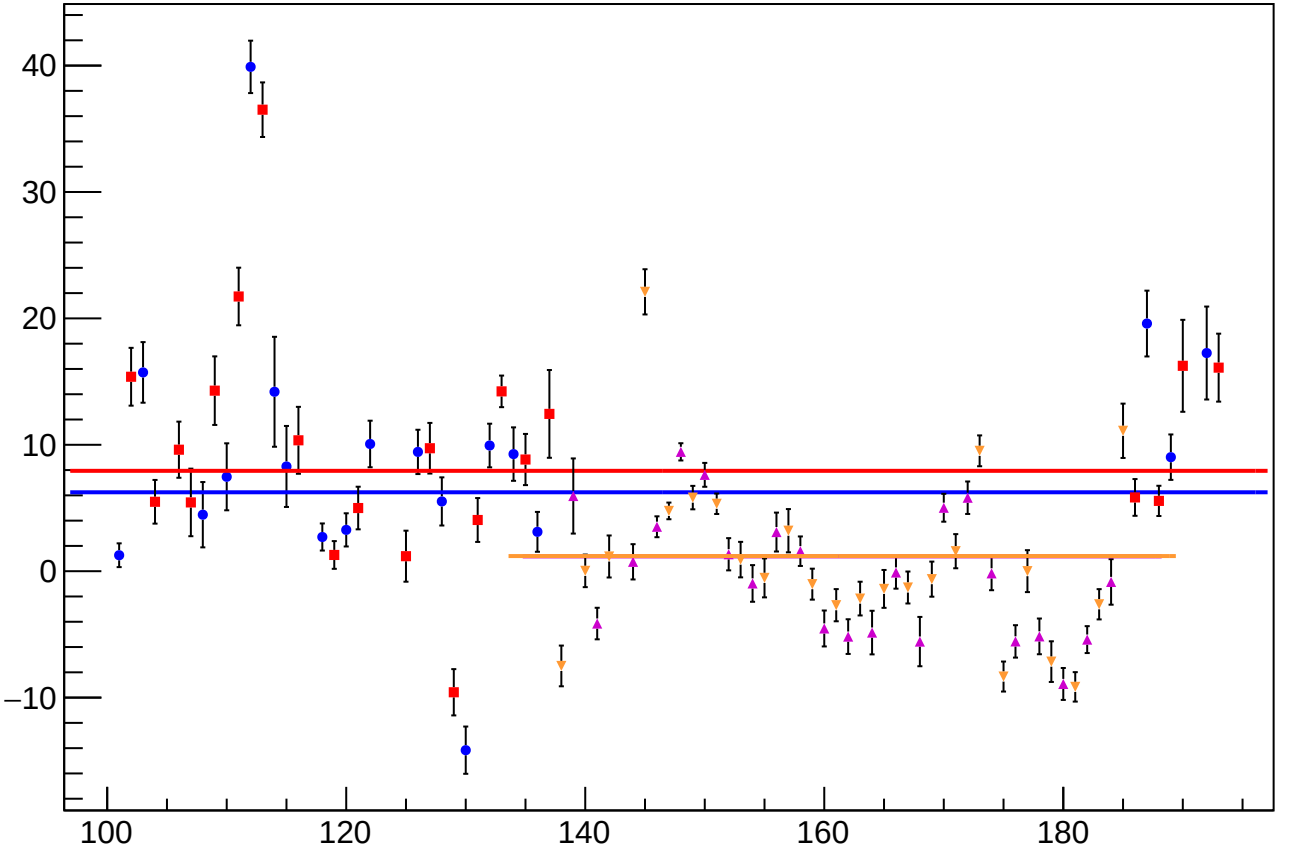
Right: -91.595+/-0.563 χ^2/NDF: 1914.7/6

In: -64.678+/-0.317 χ^2/NDF:3295.8/25

Out: -67.952+/-0.298 χ^2/NDF:5686.8/27

All: -66.416+/-0.217 χ^2/NDF: 9039.3/53

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.243+/-0.405 χ^2/NDF: 502.8/18

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 7.940+/-0.401 χ^2/NDF: 428.2/20

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

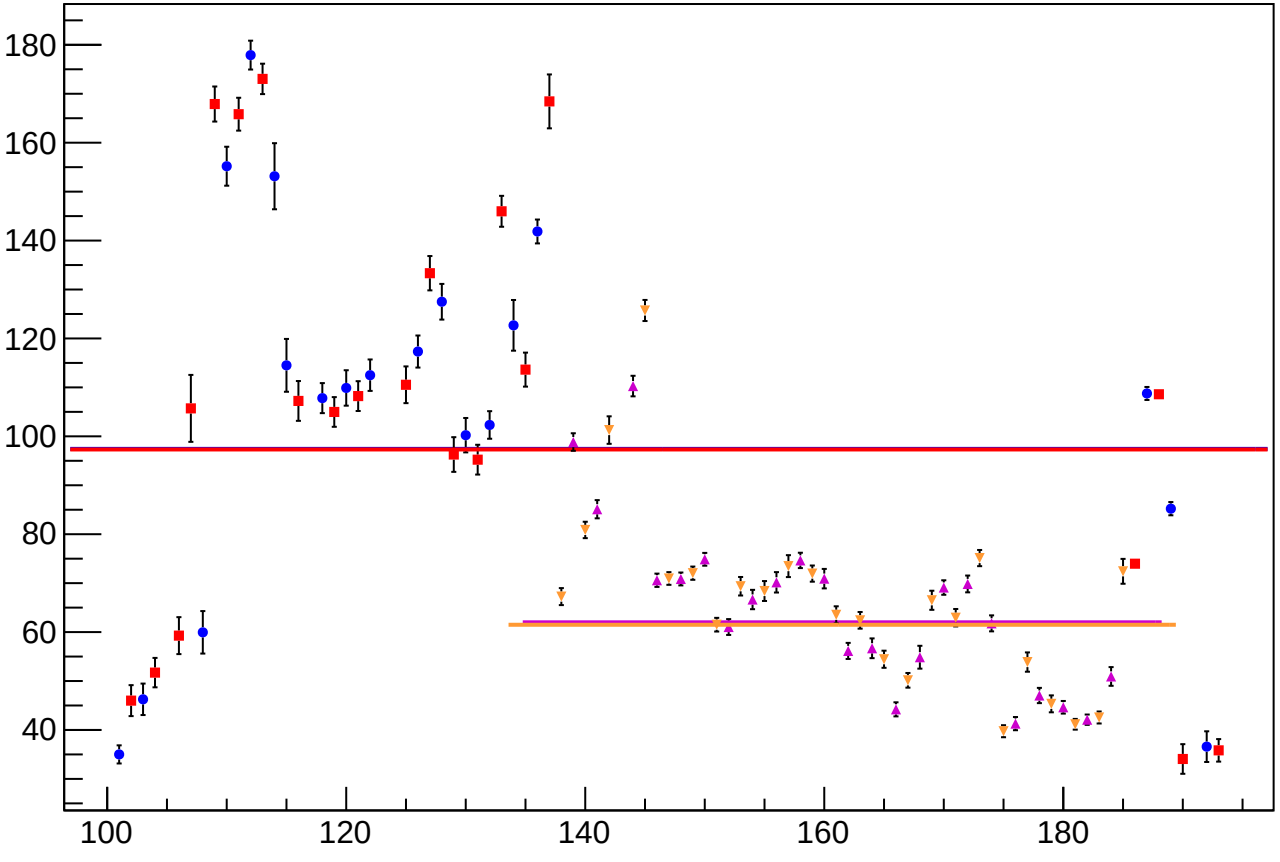
Right: 7.099+/-0.285 χ^2/NDF: 939.9/39

In: 2.610+/-0.216 χ^2/NDF:1081.6/41

Out: 3.111+/-0.214 χ^2/NDF:1156.7/44

All: 2.863+/-0.152 χ^2/NDF: 2241.0/86

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 97.437+/-0.603 χ^2/NDF: 3536.5/18

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 97.315+/-0.451 χ^2/NDF: 4594.0/20

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

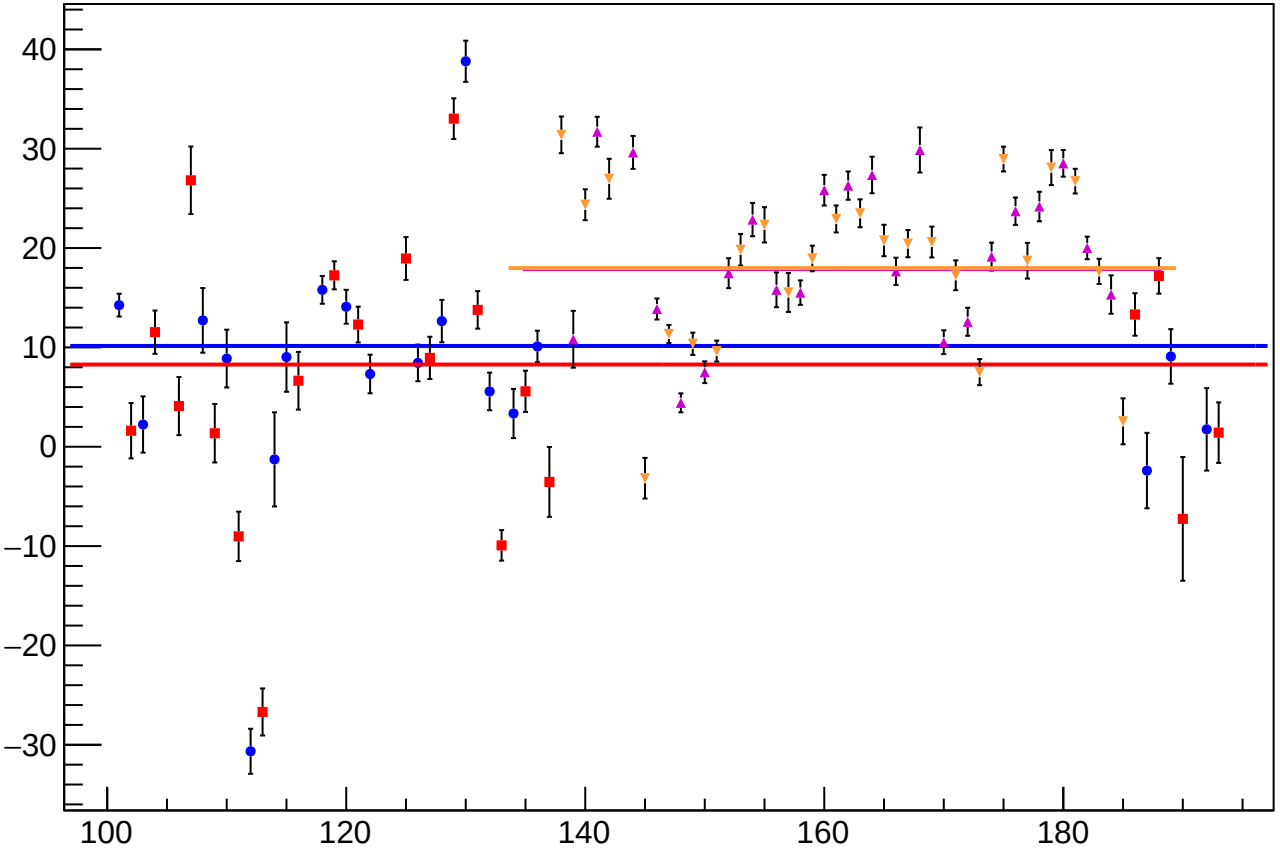
Right: 97.359+/-0.361 χ^2/NDF: 8130.4/39

In: 70.121+/-0.289 χ^2/NDF:8715.8/41

Out: 74.081+/-0.268 χ^2/NDF:11287.1/44

All: 72.251+/-0.196 χ^2/NDF: 20104.1/86

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.145+/-0.477 χ^2/NDF: 597.2/18

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 8.275+/-0.483 χ^2/NDF: 732.4/20

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

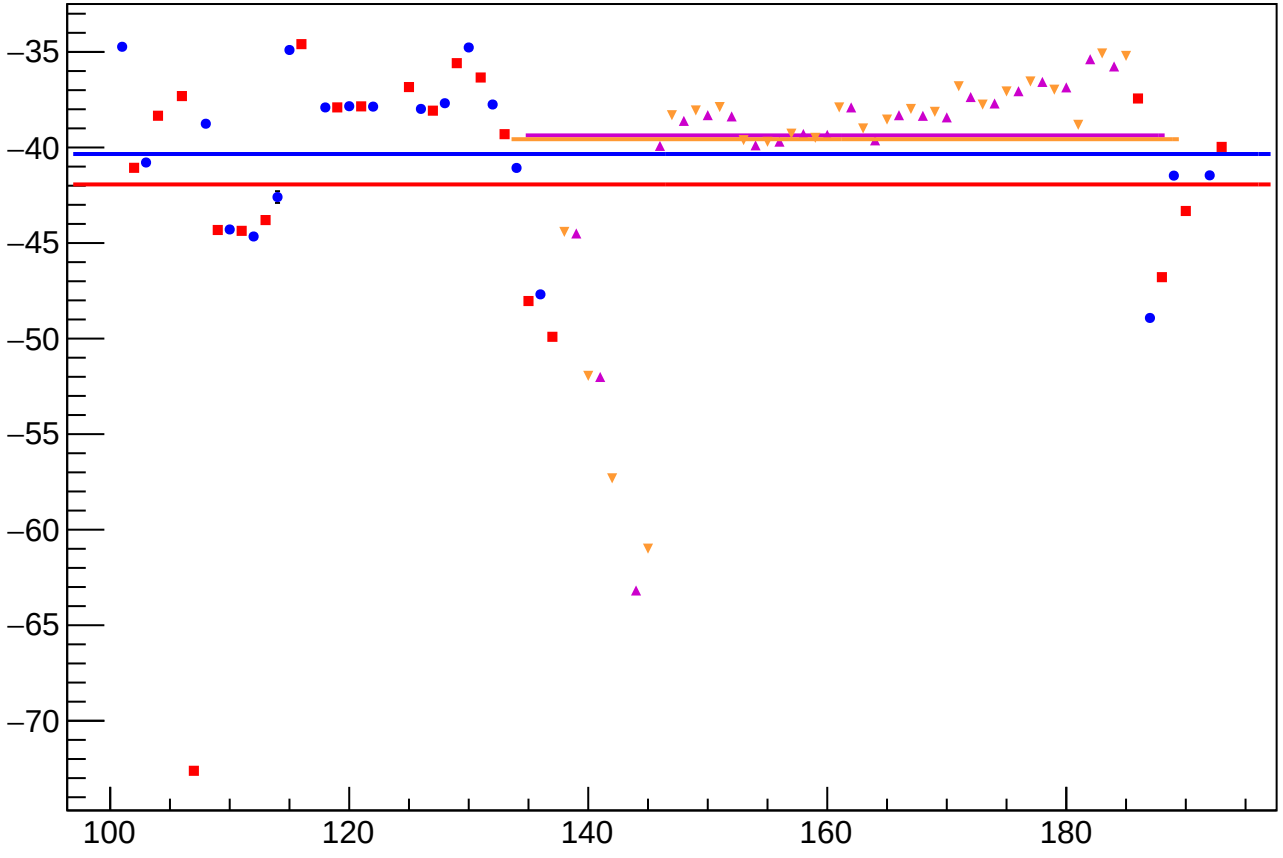
Right: 9.221+/-0.340 χ^2/NDF: 1337.2/39

In: 15.778+/-0.249 χ^2/NDF:1519.4/41

Out: 15.398+/-0.249 χ^2/NDF:1703.4/44

All: 15.588+/-0.176 χ^2/NDF: 3224.0/86

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.341+/-0.027 χ^2/NDF: 26967.3/18

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.933+/-0.026 χ^2/NDF: 64342.8/20

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

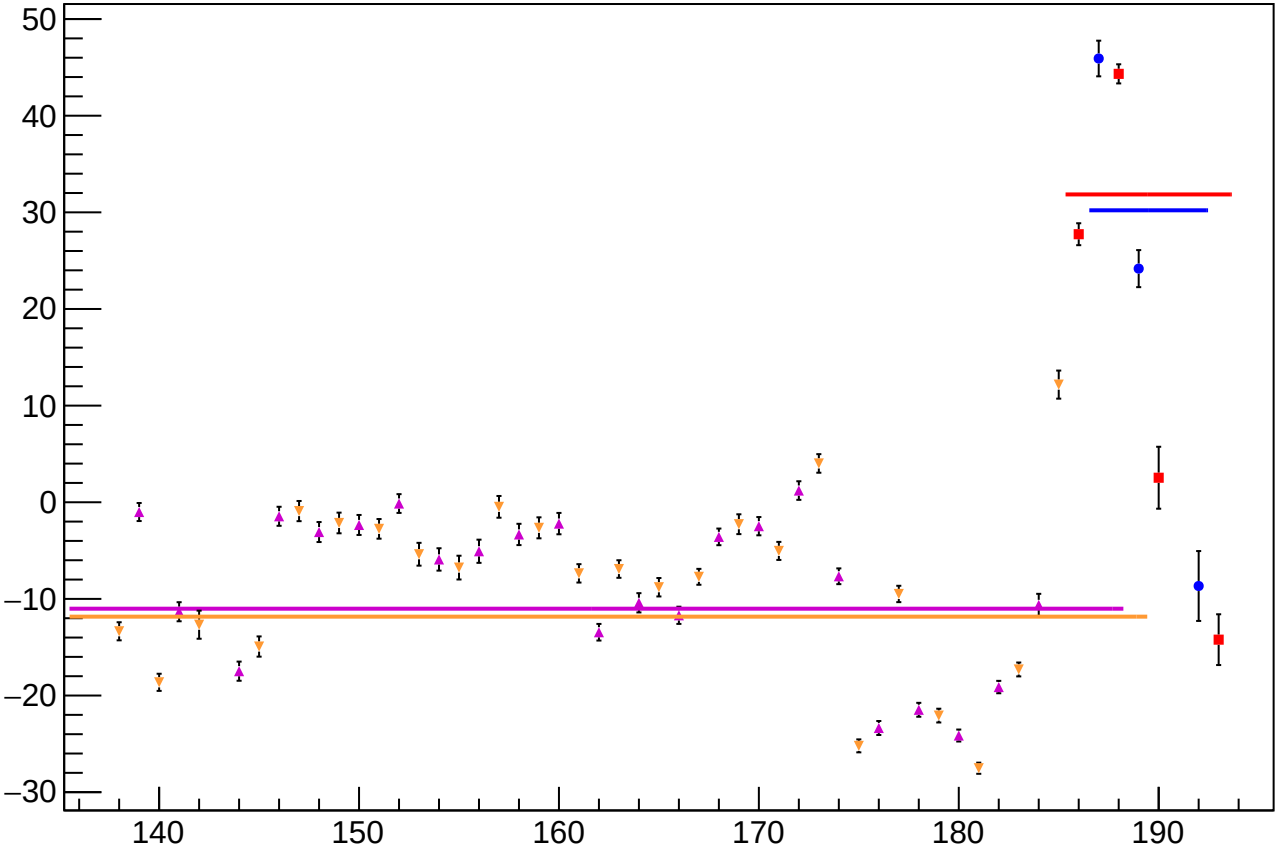
Right: -41.163+/-0.019 χ^2/NDF: 93149.4/39

In: -39.568+/-0.012 χ^2/NDF:145984.7/41

Out: -40.089+/-0.012 χ^2/NDF:212039.8/44

All: -39.827+/-0.009 χ^2/NDF: 358952.0/86

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 30.210+/-1.248 χ^2/NDF: 198.0/2

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 31.853+/-0.700 χ^2/NDF: 563.3/3

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

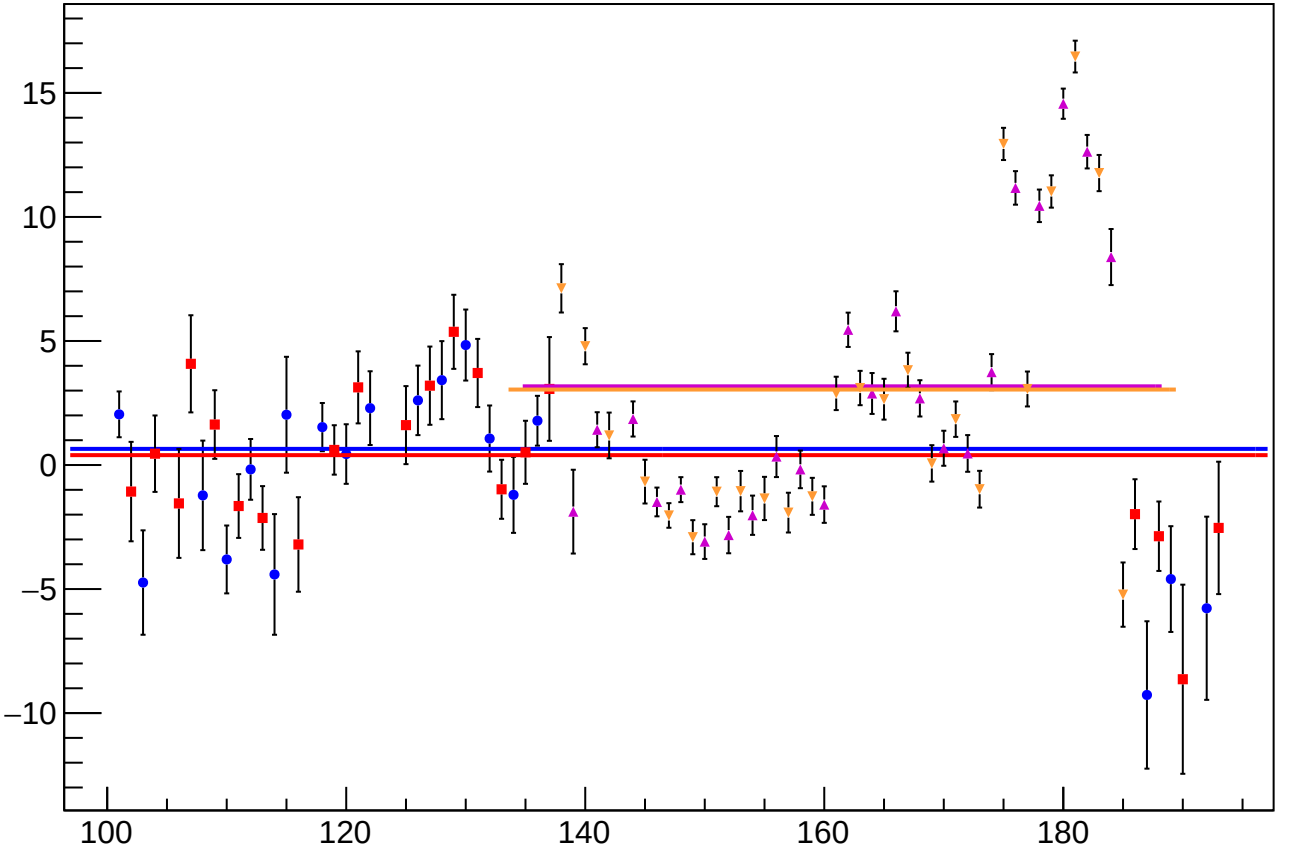
Right: 31.460+/-0.611 χ^2/NDF: 762.6/6

In: -10.107+/-0.185 χ^2/NDF:3382.1/25

Out: -8.935+/-0.180 χ^2/NDF:6939.5/27

All: -9.506+/-0.129 χ^2/NDF: 10342.2/53

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.651+/-0.331 χ^2/NDF: 64.0/18

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.398+/-0.330 χ^2/NDF: 58.0/20

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

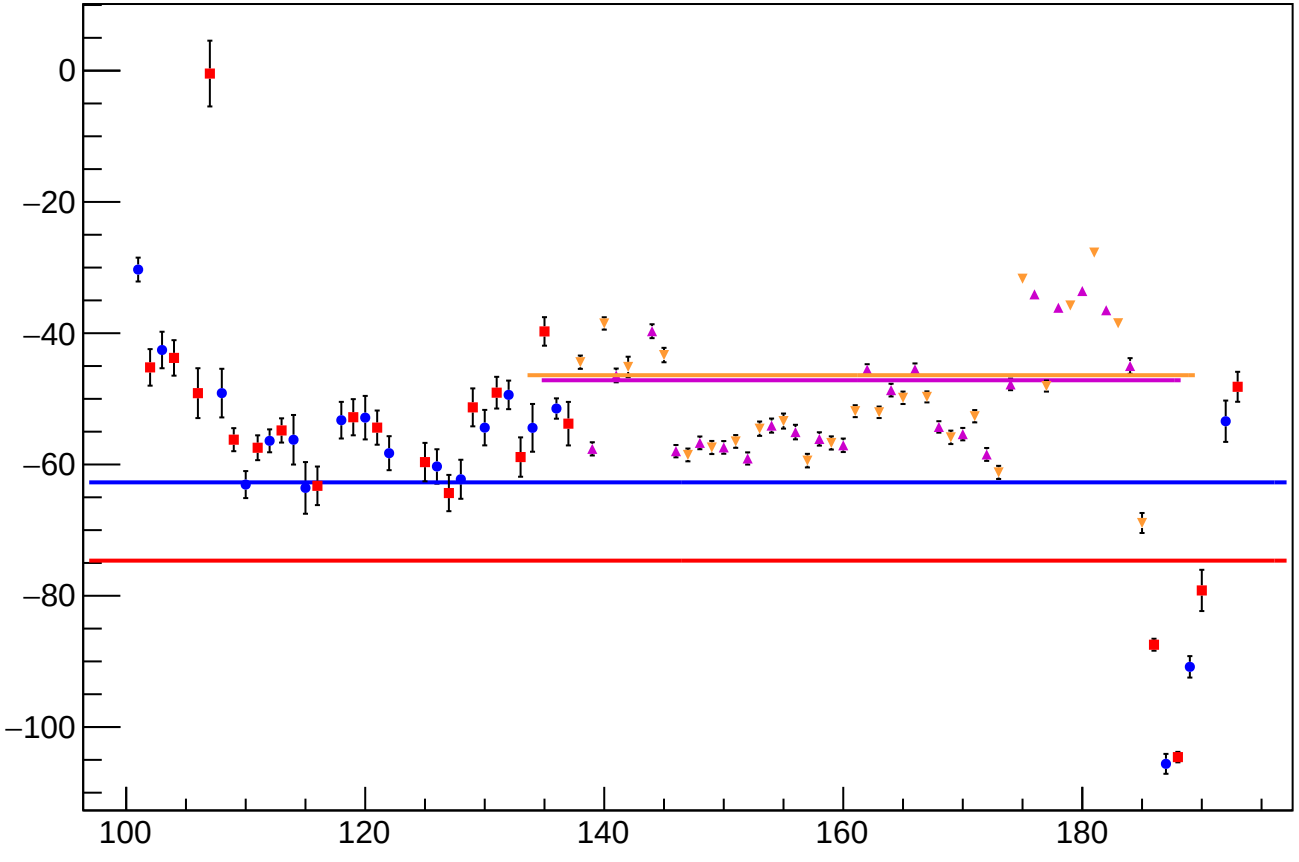
Right: 0.524+/-0.233 χ^2/NDF: 122.3/39

In: 2.744+/-0.136 χ^2/NDF:1410.2/41

Out: 2.600+/-0.135 χ^2/NDF:1564.1/44

All: 2.671+/-0.096 χ^2/NDF: 2974.9/86

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.723+/-0.528 χ^2/NDF: 1633.6/18

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -74.647+/-0.419 χ^2/NDF: 3238.3/20

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

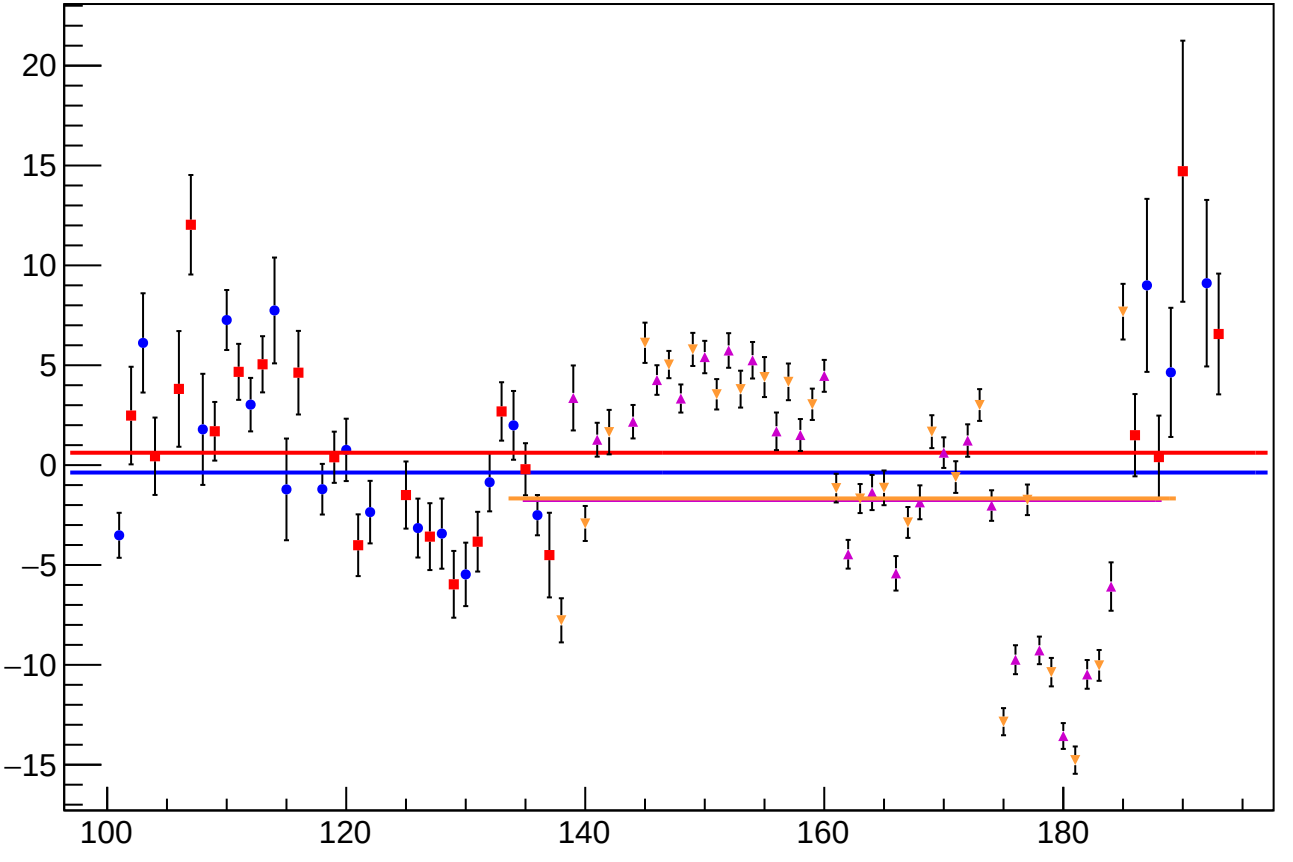
Right: -70.041+/-0.328 χ^2/NDF: 5184.4/39

In: -48.892+/-0.176 χ^2/NDF:4930.1/41

Out: -51.066+/-0.170 χ^2/NDF:10317.0/44

All: -50.013+/-0.122 χ^2/NDF: 15325.9/86

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.371+/-0.378 χ^2/NDF: 95.2/18

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.620+/-0.382 χ^2/NDF: 103.5/20

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

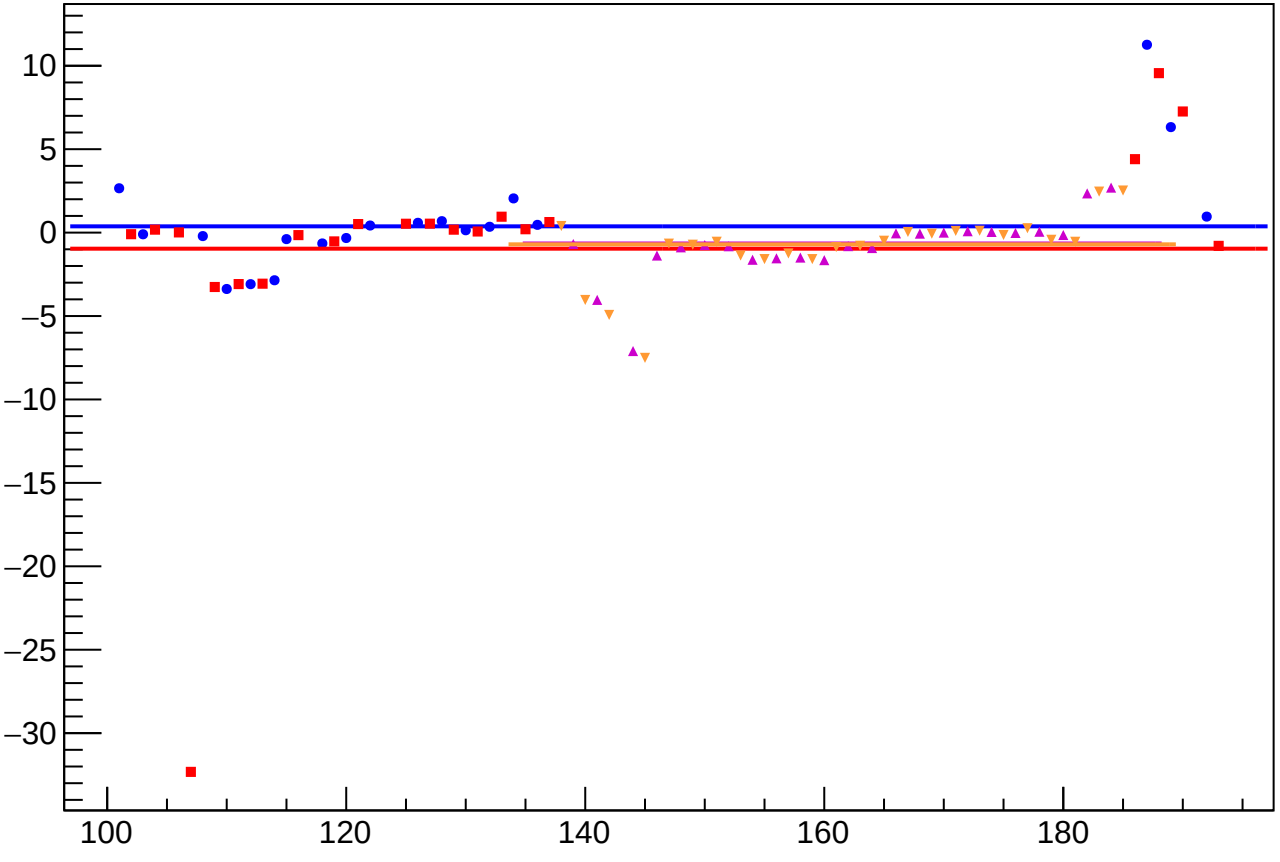
Right: 0.119+/-0.269 χ^2/NDF: 202.1/39

In: -1.518+/-0.154 χ^2/NDF:1360.3/41

Out: -1.302+/-0.153 χ^2/NDF:1612.9/44

All: -1.409+/-0.108 χ^2/NDF: 2974.2/86

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.021 χ^2/NDF: 9293.9/18

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.963+/-0.021 χ^2/NDF: 92069.3/20

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

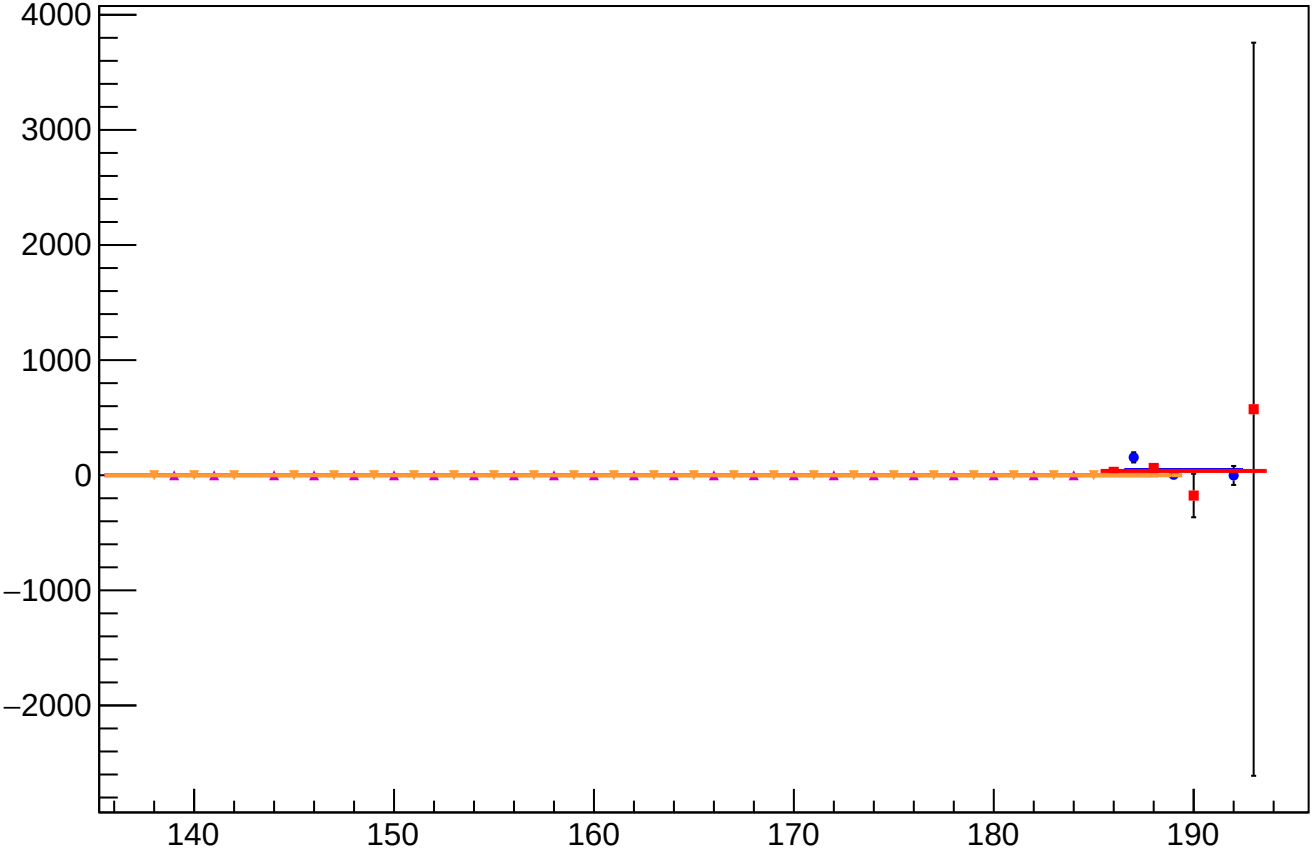
Right: -0.304+/-0.015 χ^2/NDF: 103450.7/39

In: -0.530+/-0.007 χ^2/NDF:55595.7/41

Out: -0.734+/-0.007 χ^2/NDF:145980.6/44

All: -0.632+/-0.005 χ^2/NDF: 201981.1/86

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 45.416+/-23.293 χ^2/NDF: 8.6/2

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 37.402+/-10.447 χ^2/NDF: 3.3/3

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

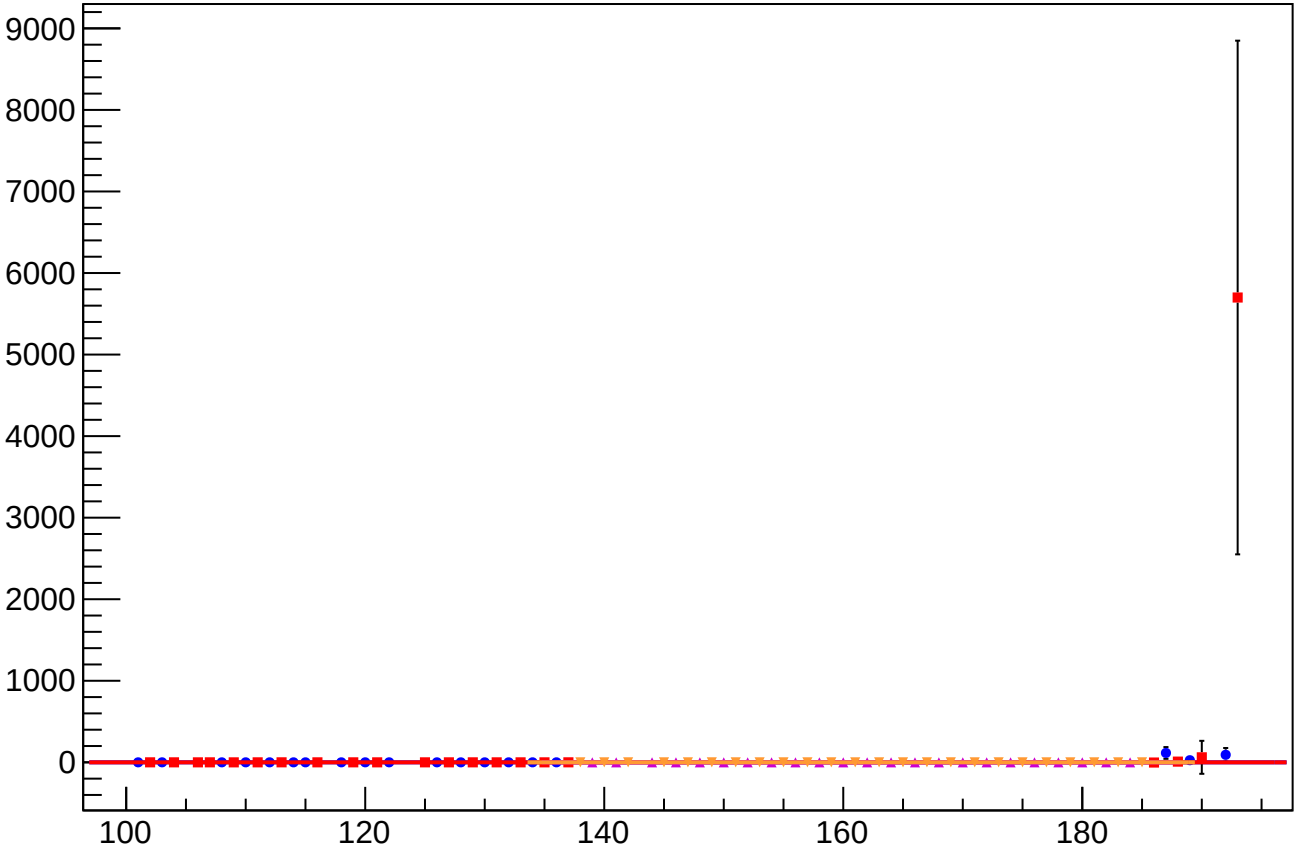
Right: 38.744+/-9.532 χ^2/NDF: 11.9/6

In: -0.009+/-0.018 χ^2/NDF:47.6/25

Out: -0.038+/-0.018 χ^2/NDF:51.7/27

All: -0.024+/-0.013 χ^2/NDF: 100.6/53

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 16.6/18

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/20

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

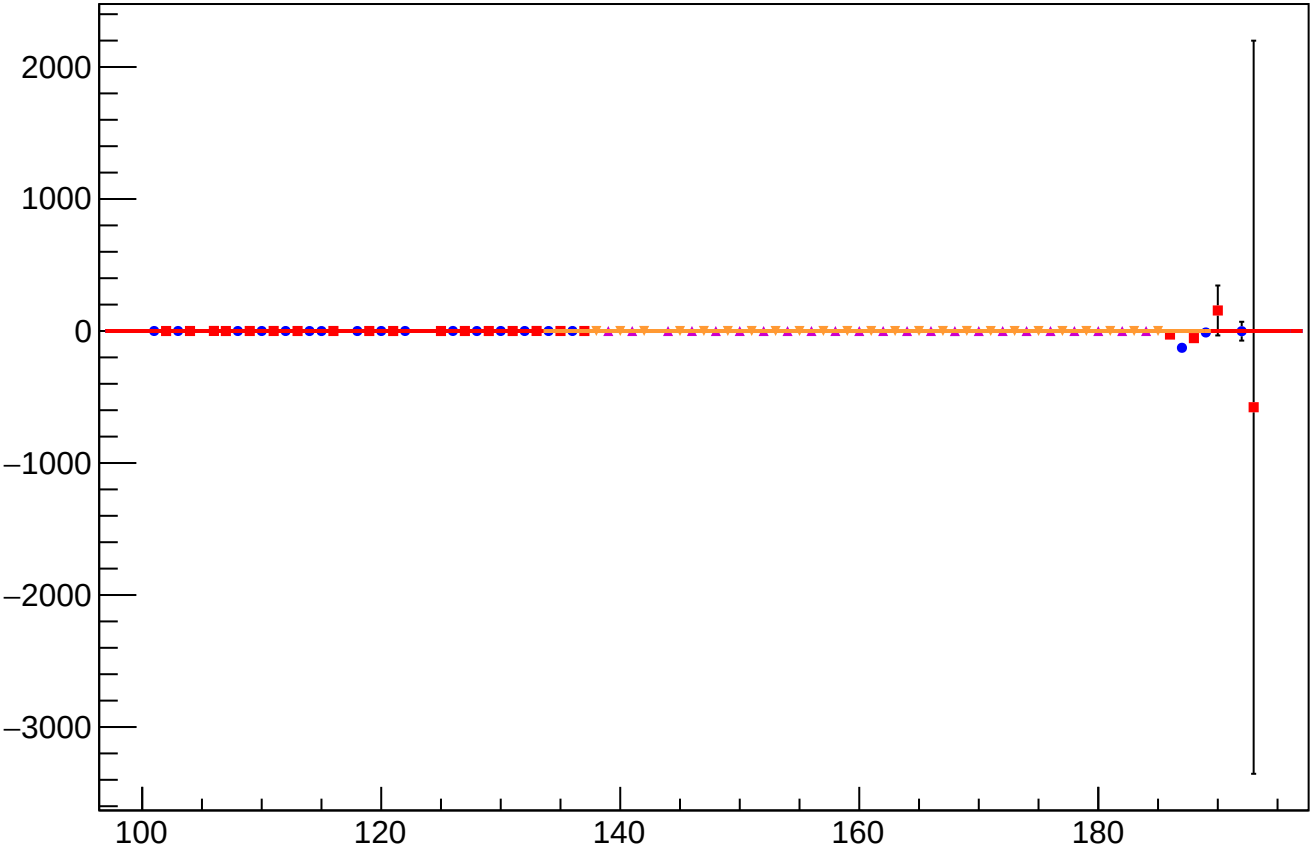
Right: -0.050+/-0.017 χ^2/NDF: 34.8/39

In: -0.051+/-0.012 χ^2/NDF:60.7/41

Out: -0.078+/-0.012 χ^2/NDF:41.0/44

All: -0.064+/-0.009 χ^2/NDF: 104.0/86

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 22.2/18

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.029+/-0.045 χ^2/NDF: 26.7/20

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

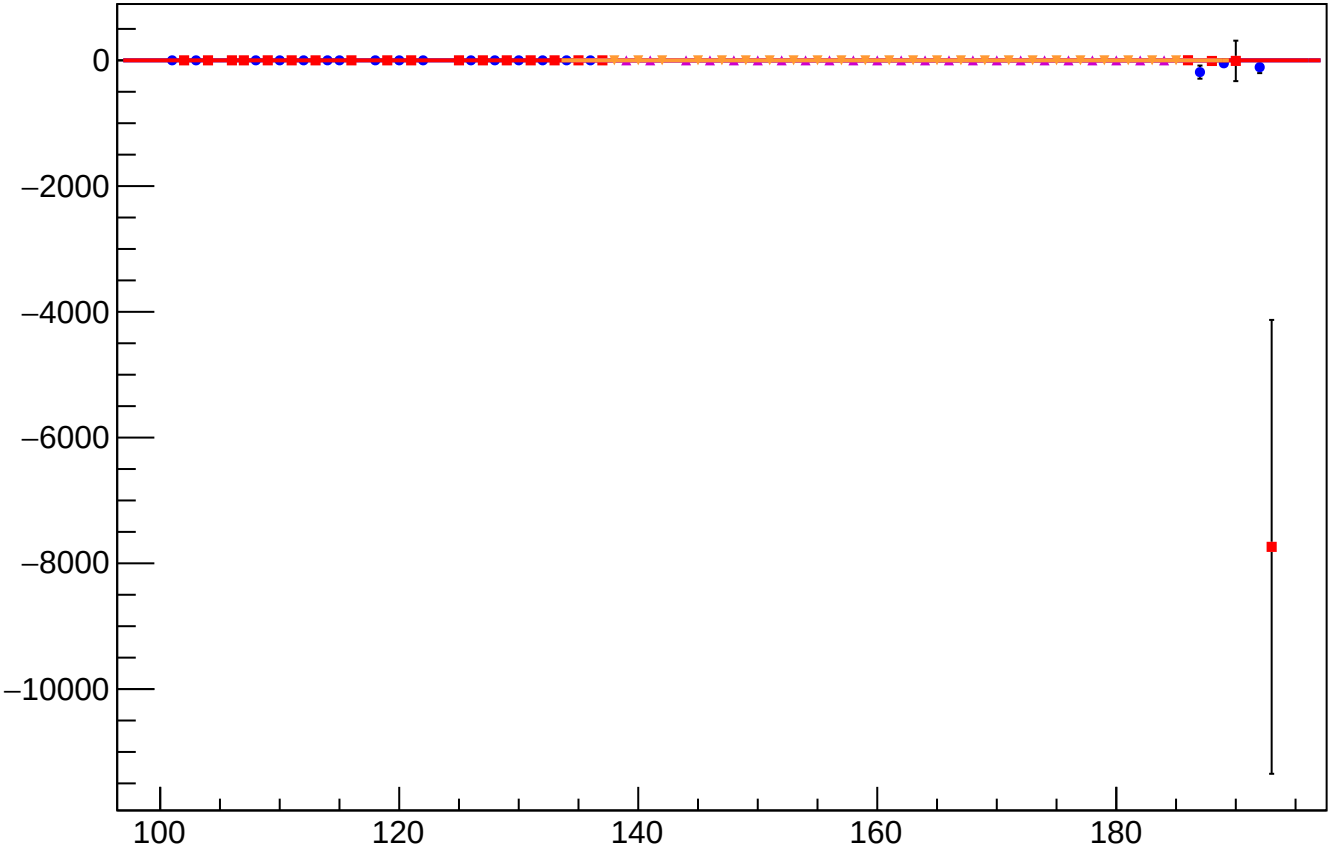
Right: 0.023+/-0.031 χ^2/NDF: 49.0/39

In: -0.006+/-0.017 χ^2/NDF:59.7/41

Out: 0.035+/-0.017 χ^2/NDF:59.1/44

All: 0.014+/-0.012 χ^2/NDF: 121.8/86

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 17.4/18

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 12.6/20

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

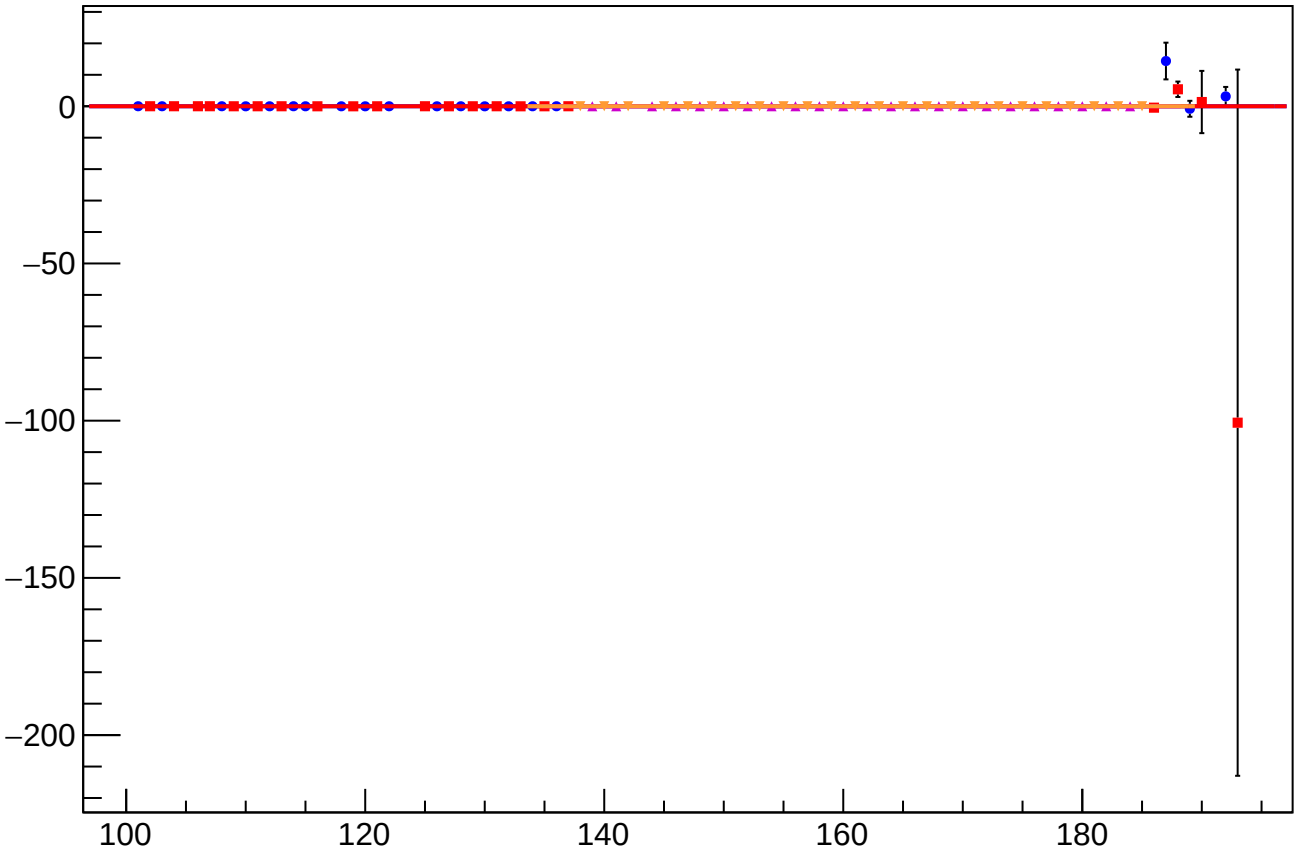
Right: 0.055+/-0.020 χ^2/NDF: 36.9/39

In: 0.054+/-0.014 χ^2/NDF:65.6/41

Out: 0.092+/-0.014 χ^2/NDF:40.9/44

All: 0.073+/-0.010 χ^2/NDF: 110.1/86

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 29.9/18

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 29.4/20

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

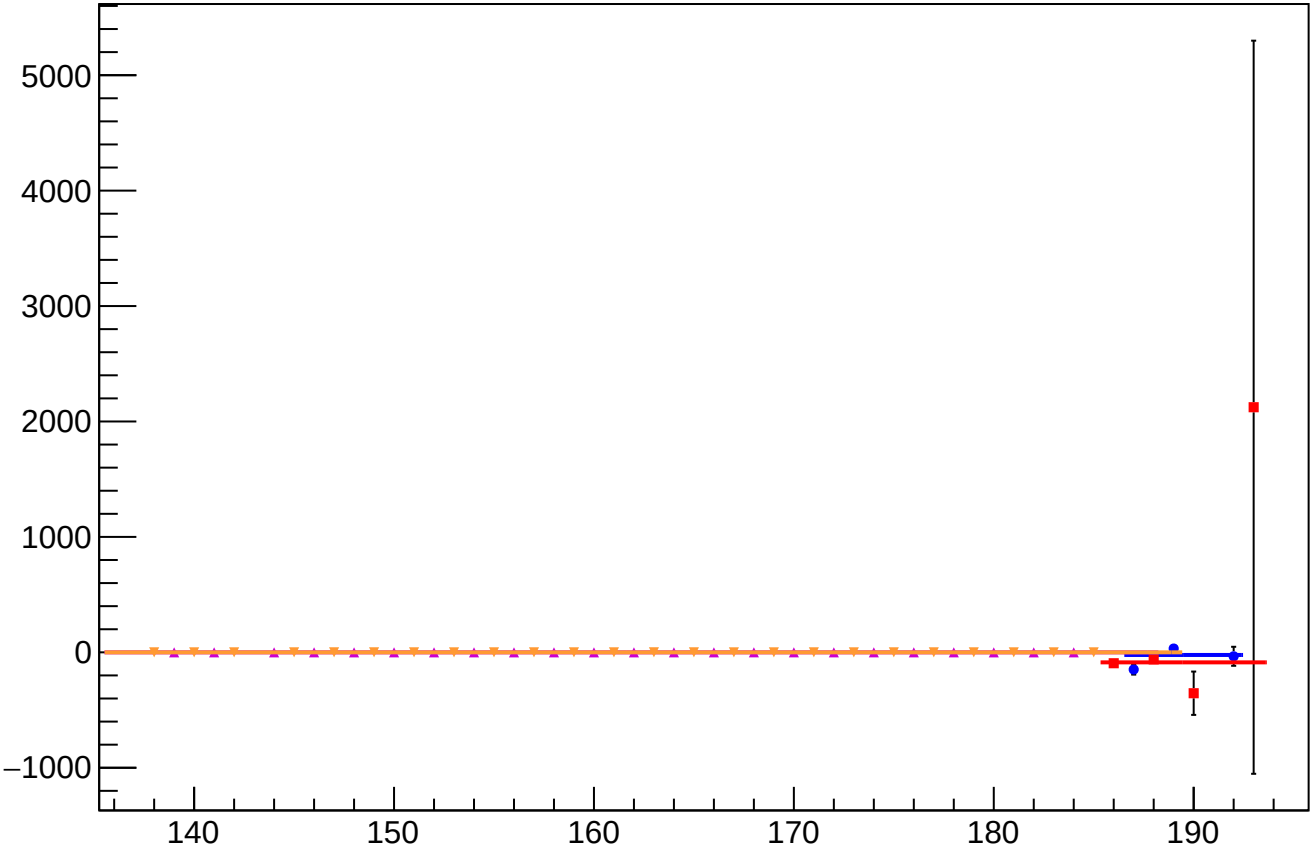
Right: -0.005+/-0.001 χ^2/NDF: 59.6/39

In: -0.001+/-0.001 χ^2/NDF:64.4/41

Out: -0.001+/-0.001 χ^2/NDF:61.2/44

All: -0.001+/-0.000 χ^2/NDF: 125.8/86

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.757+/-23.268 χ^2/NDF: 11.8/2

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -86.911+/-10.450 χ^2/NDF: 4.4/3

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

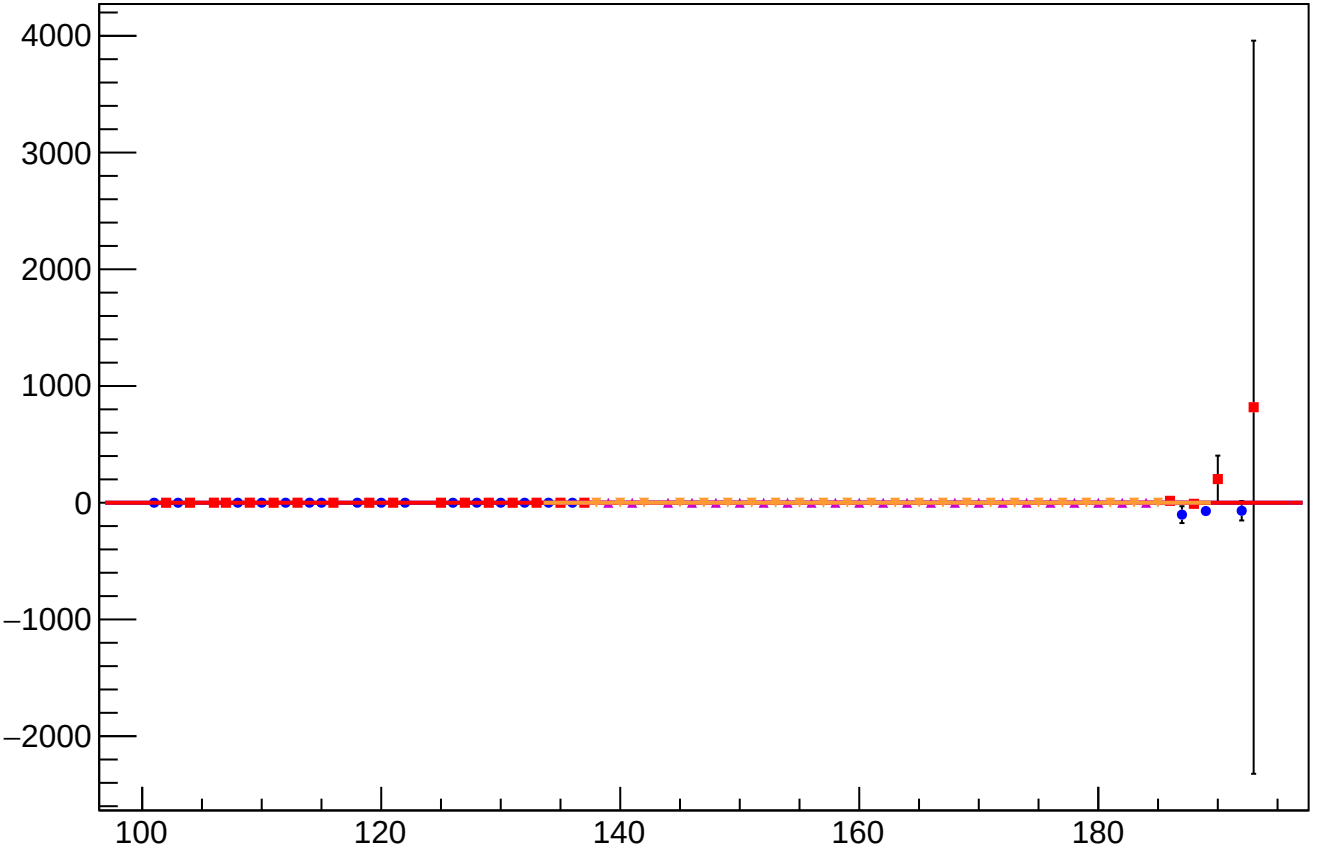
Right: -76.143+/-9.533 χ^2/NDF: 22.6/6

In: -0.010+/-0.018 χ^2/NDF:46.0/25

Out: -0.052+/-0.018 χ^2/NDF:110.8/27

All: -0.031+/-0.013 χ^2/NDF: 159.6/53

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 32.7/18

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 29.4/20

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

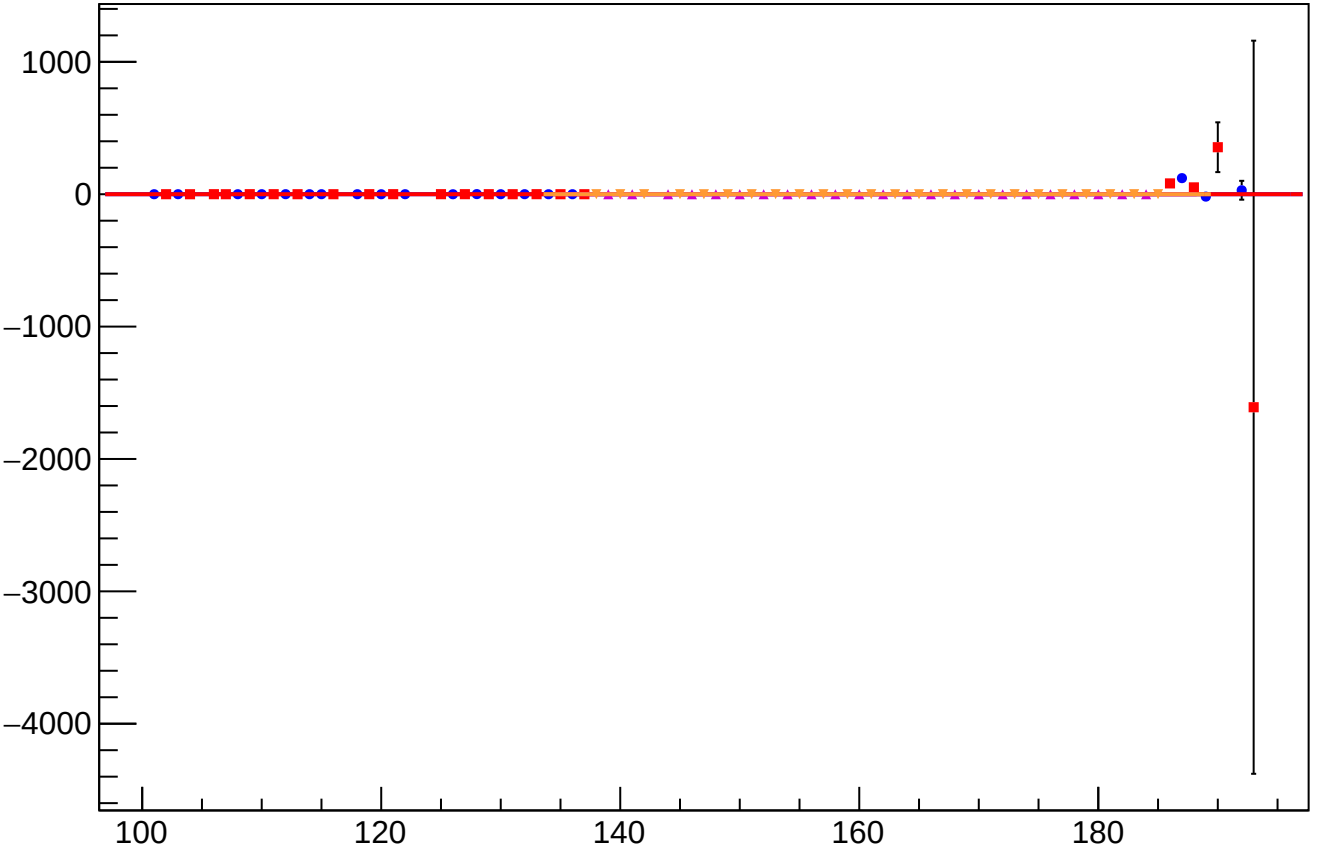
Right: 0.024+/-0.017 χ^2/NDF: 62.9/39

In: 0.006+/-0.012 χ^2/NDF:83.1/41

Out: 0.002+/-0.012 χ^2/NDF:62.0/44

All: 0.004+/-0.009 χ^2/NDF: 145.2/86

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 40.7/18

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 95.3/20

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

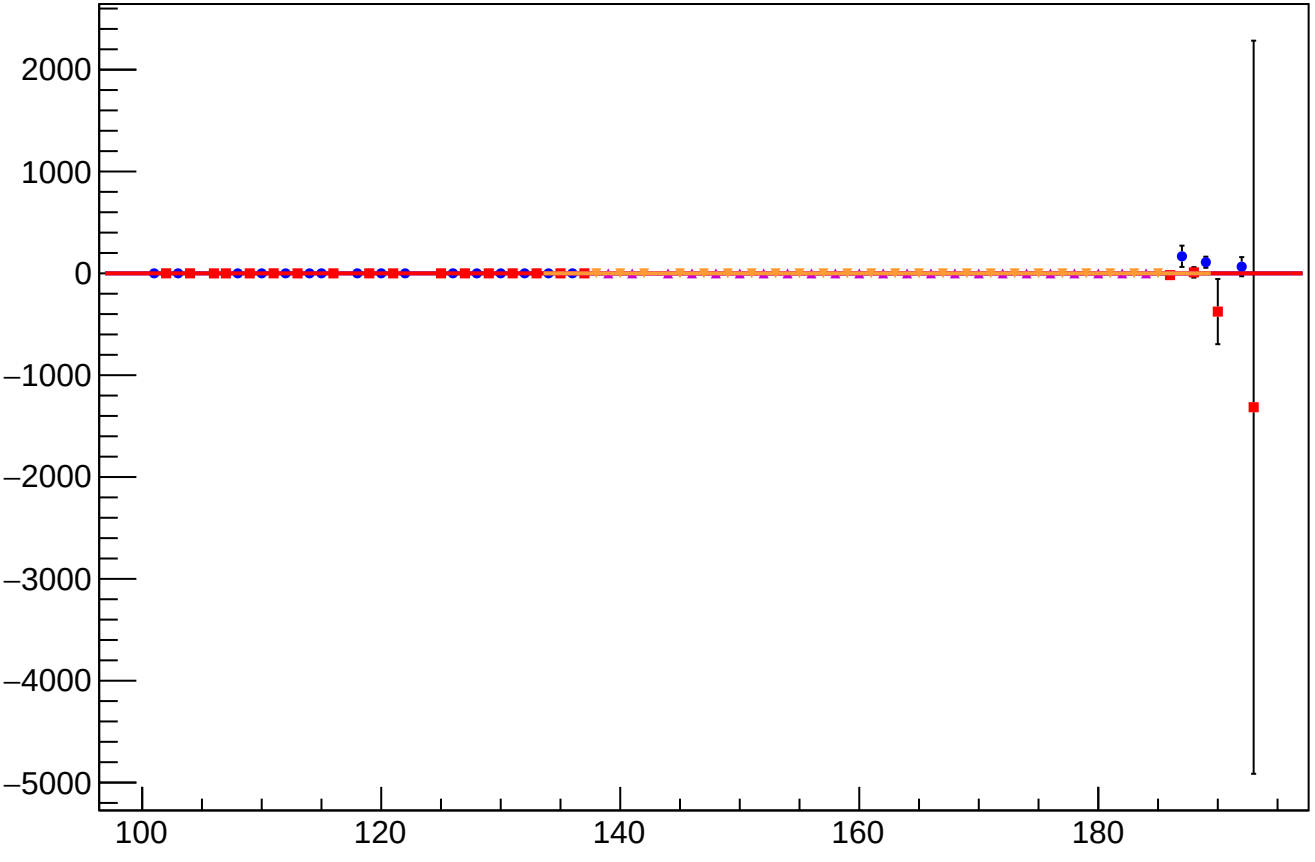
Right: 0.176+/-0.031 χ^2/NDF: 136.7/39

In: 0.041+/-0.017 χ^2/NDF:82.7/41

Out: 0.069+/-0.017 χ^2/NDF:141.0/44

All: 0.055+/-0.012 χ^2/NDF: 225.1/86

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 32.3/18

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 27.2/20

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

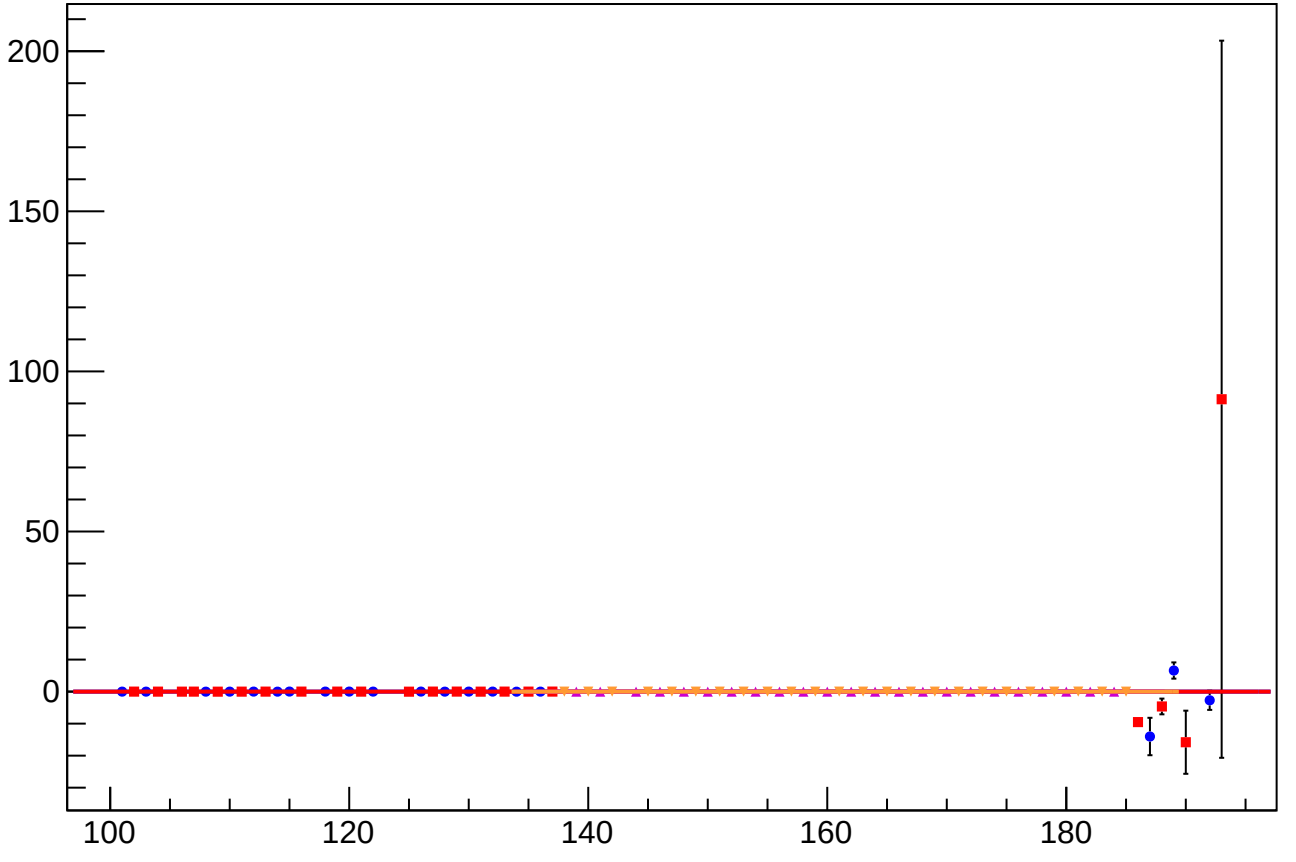
Right: -0.030+/-0.020 χ^2/NDF: 60.3/39

In: 0.002+/-0.014 χ^2/NDF:83.4/41

Out: 0.004+/-0.014 χ^2/NDF:65.0/44

All: 0.003+/-0.010 χ^2/NDF: 148.4/86

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 42.3/18

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 64.6/20

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

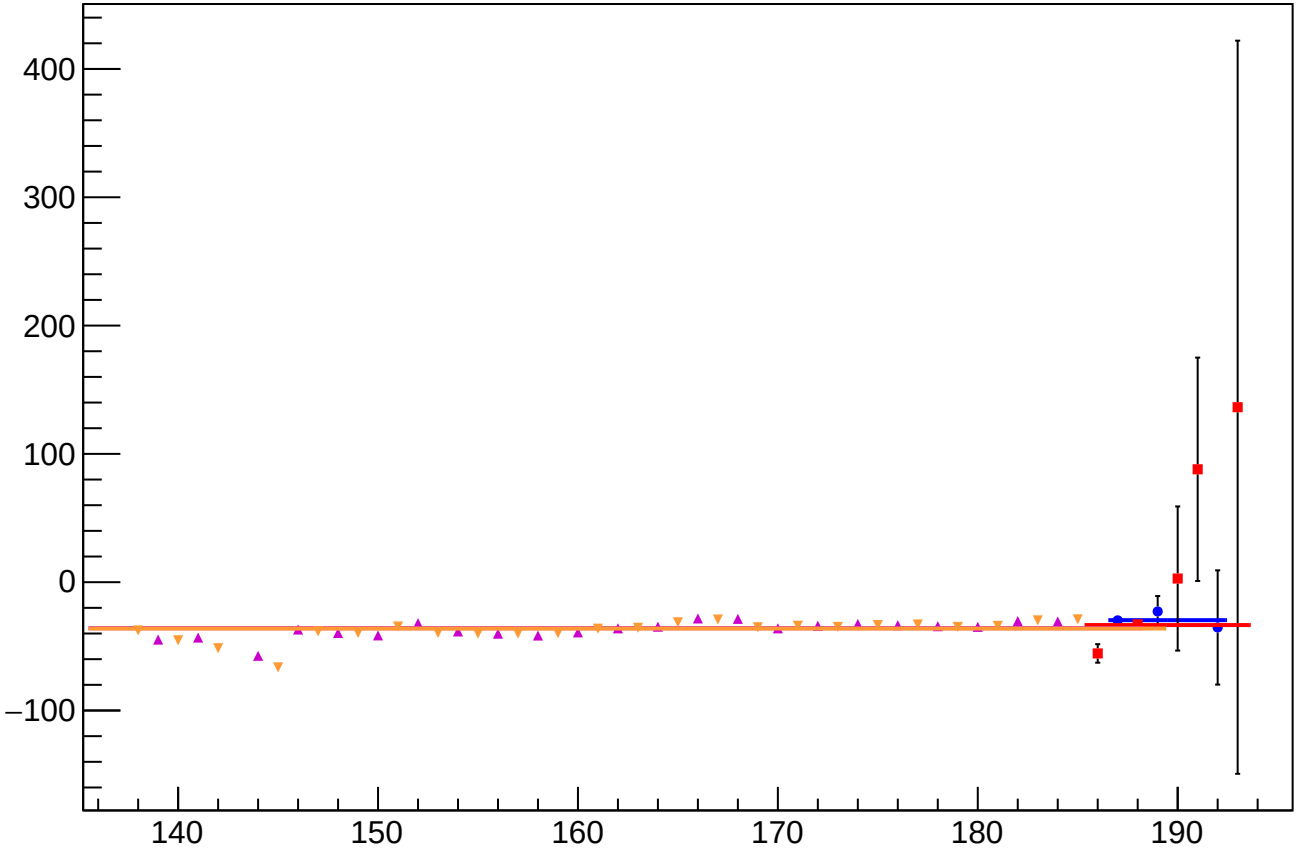
Right: -0.006+/-0.001 χ^2/NDF: 106.9/39

In: -0.008+/-0.001 χ^2/NDF:84.4/41

Out: -0.008+/-0.001 χ^2/NDF:98.1/44

All: -0.008+/-0.000 χ^2/NDF: 182.8/86

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.593+/-1.851 χ^2/NDF: 0.3/2

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -33.410+/-1.164 χ^2/NDF: 12.3/4

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

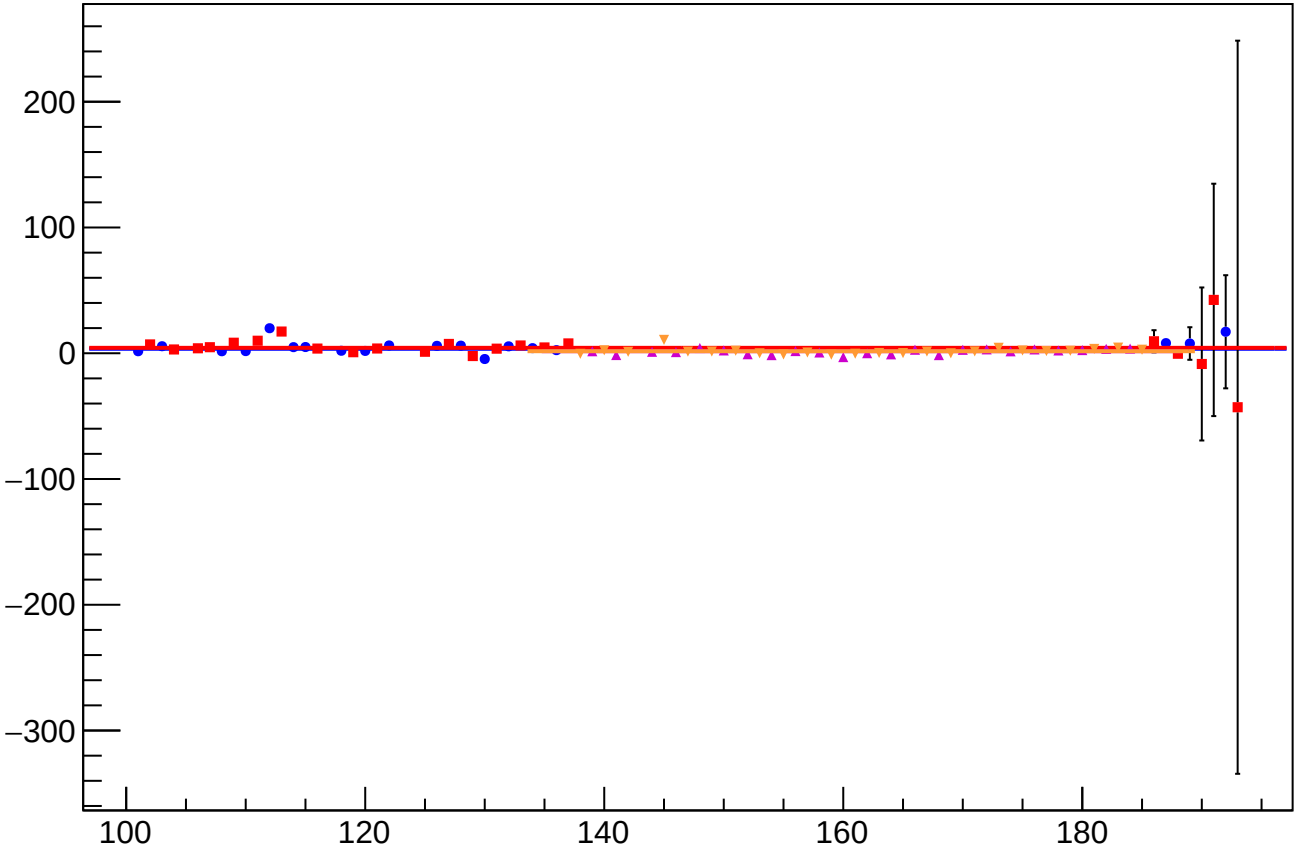
Right: -32.329+/-0.985 χ^2/NDF: 15.7/7

In: -35.803+/-0.190 χ^2/NDF:898.8/25

Out: -36.039+/-0.189 χ^2/NDF:1135.9/28

All: -35.921+/-0.134 χ^2/NDF: 2035.5/54

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.555+/-0.217 χ^2/NDF: 449.0/18

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.294+/-0.224 χ^2/NDF: 357.8/21

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

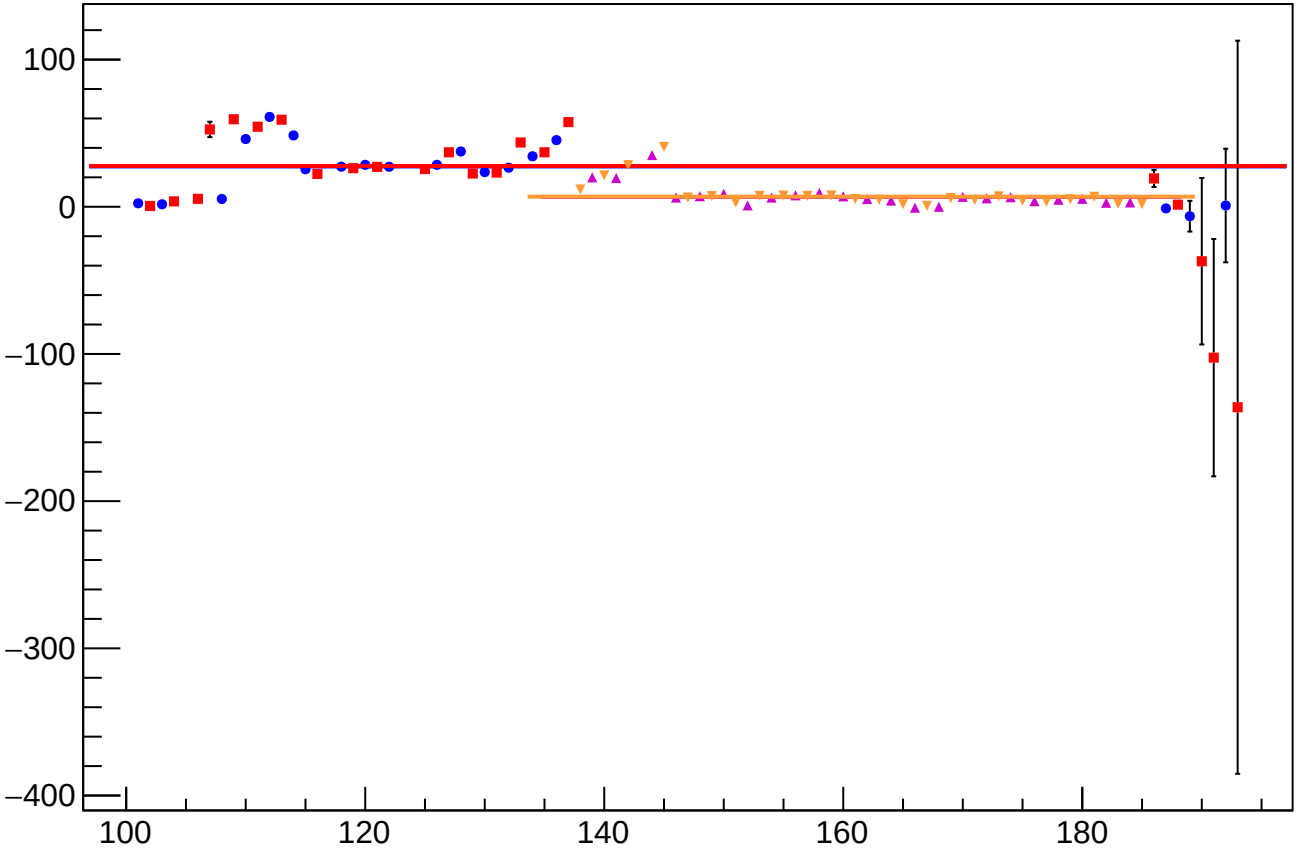
Right: 3.912+/-0.156 χ^2/NDF: 812.4/40

In: 2.259+/-0.123 χ^2/NDF:665.7/41

Out: 2.440+/-0.123 χ^2/NDF:623.0/45

All: 2.349+/-0.087 χ^2/NDF: 1289.8/87

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.392+/-0.402 χ^2/NDF: 1874.5/18

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 27.712+/-0.386 χ^2/NDF: 2541.9/21

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

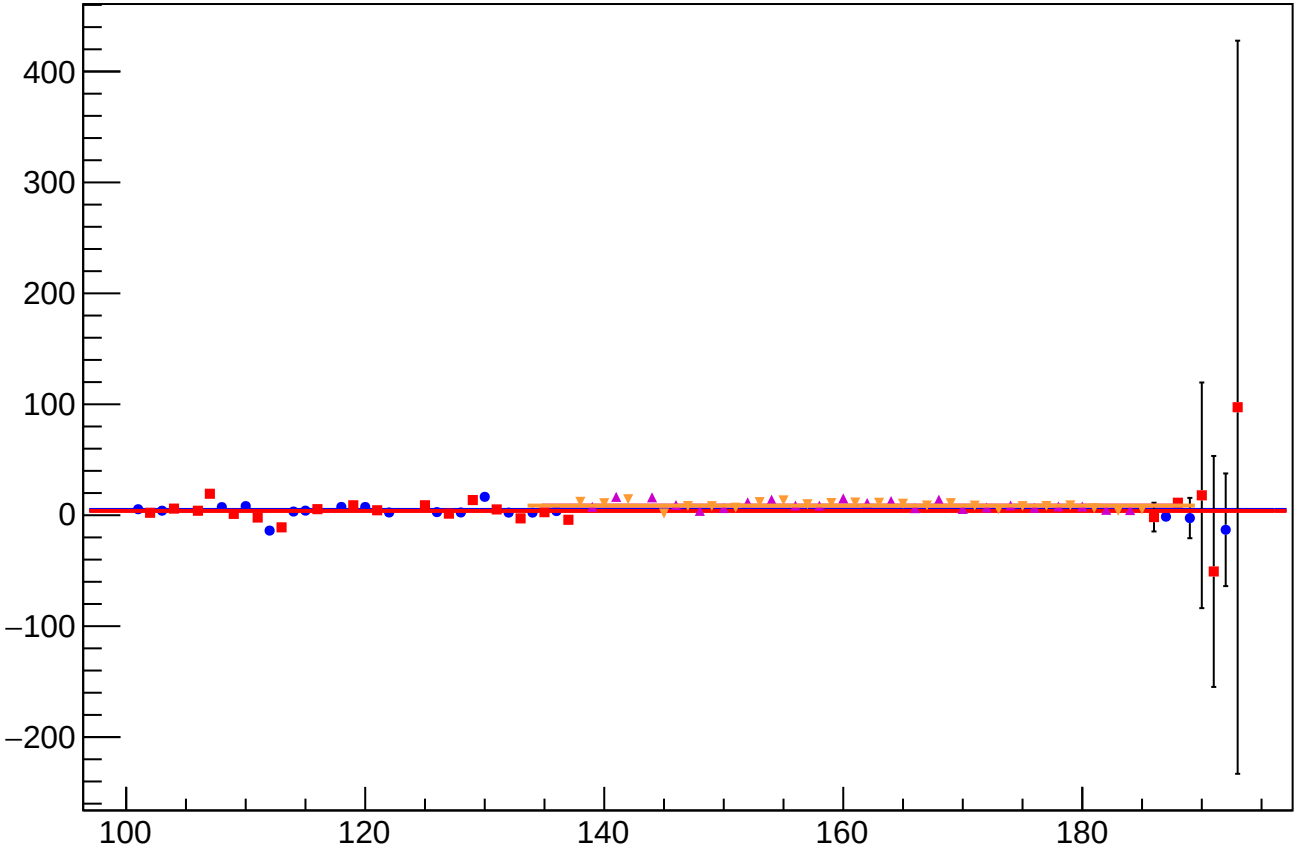
Right: 27.558+/-0.278 χ^2/NDF: 4416.7/40

In: 10.421+/-0.172 χ^2/NDF:5131.4/41

Out: 10.969+/-0.171 χ^2/NDF:6183.3/45

All: 10.695+/-0.121 χ^2/NDF: 11319.8/87

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.767+/-0.251 χ^2/NDF: 556.1/18

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.878+/-0.258 χ^2/NDF: 574.0/21

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

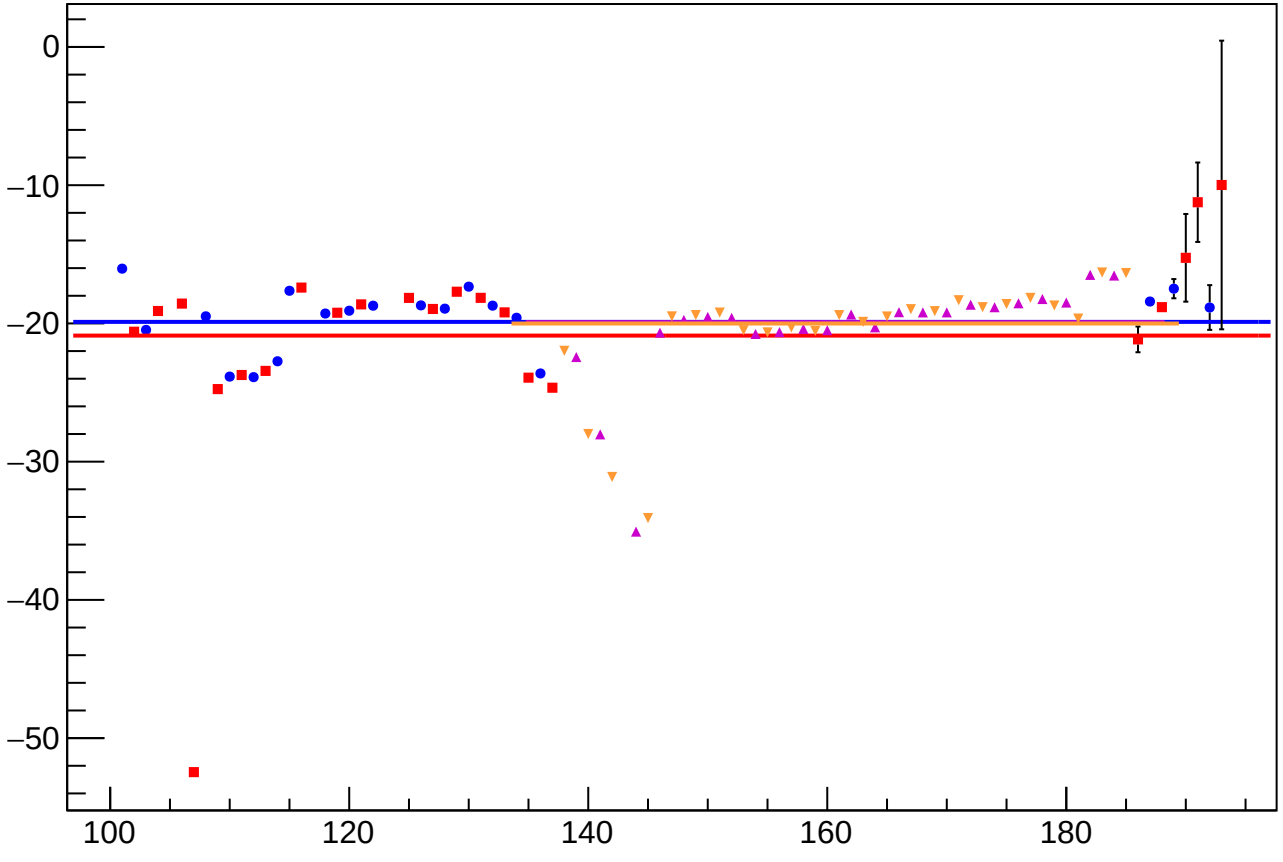
Right: 4.335+/-0.180 χ^2/NDF: 1136.2/40

In: 7.437+/-0.141 χ^2/NDF:1159.3/41

Out: 7.249+/-0.141 χ^2/NDF:1059.5/45

All: 7.344+/-0.100 χ^2/NDF: 2219.7/87

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.888+/-0.016 χ^2/NDF: 26121.3/18

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.881+/-0.016 χ^2/NDF: 92964.4/21

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

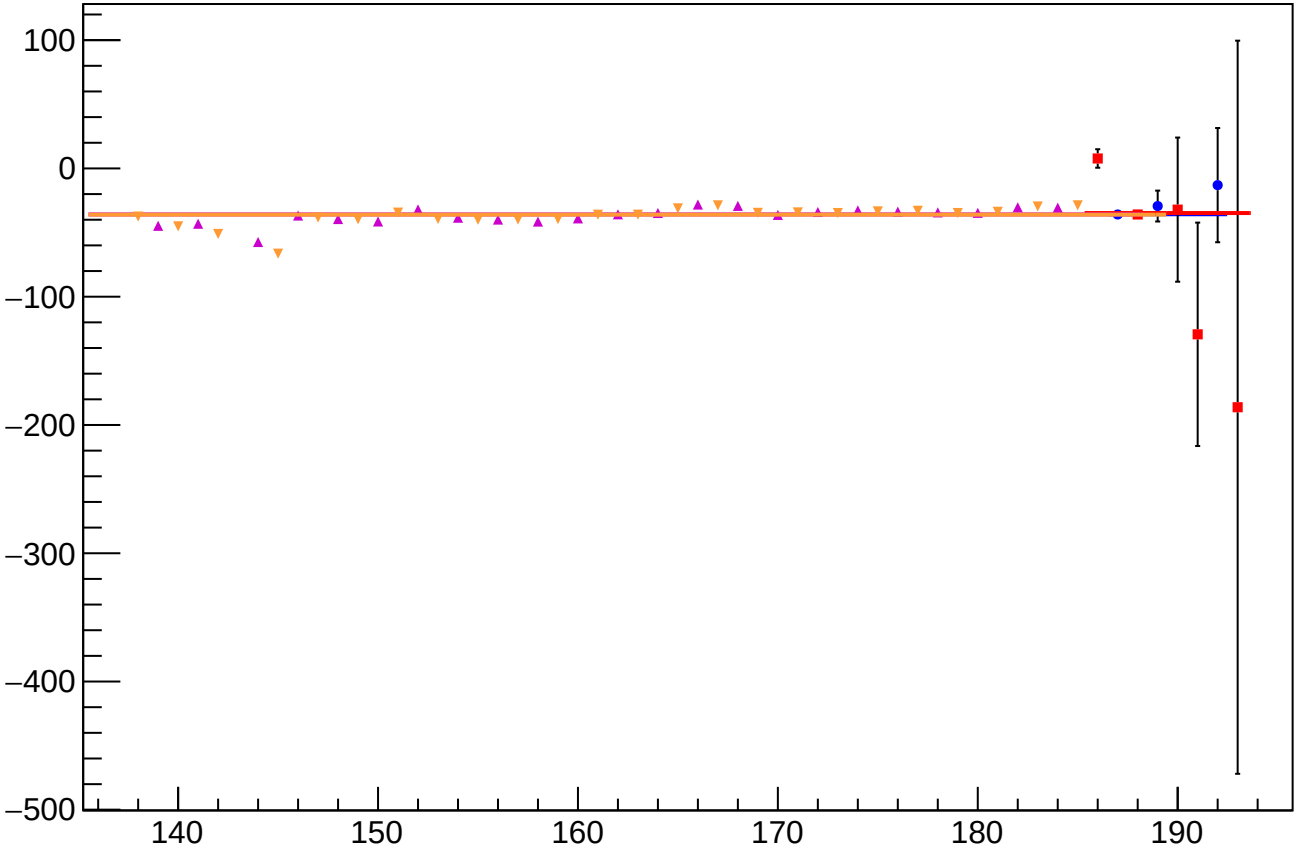
Right: -20.381+/-0.011 χ^2/NDF: 121112.8/40

In: -19.907+/-0.007 χ^2/NDF:171610.6/41

Out: -20.184+/-0.007 χ^2/NDF:267098.8/45

All: -20.044+/-0.005 χ^2/NDF: 439488.6/87

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.709+/-1.857 χ^2/NDF: 0.6/2

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -34.781+/-1.167 χ^2/NDF: 37.1/4

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

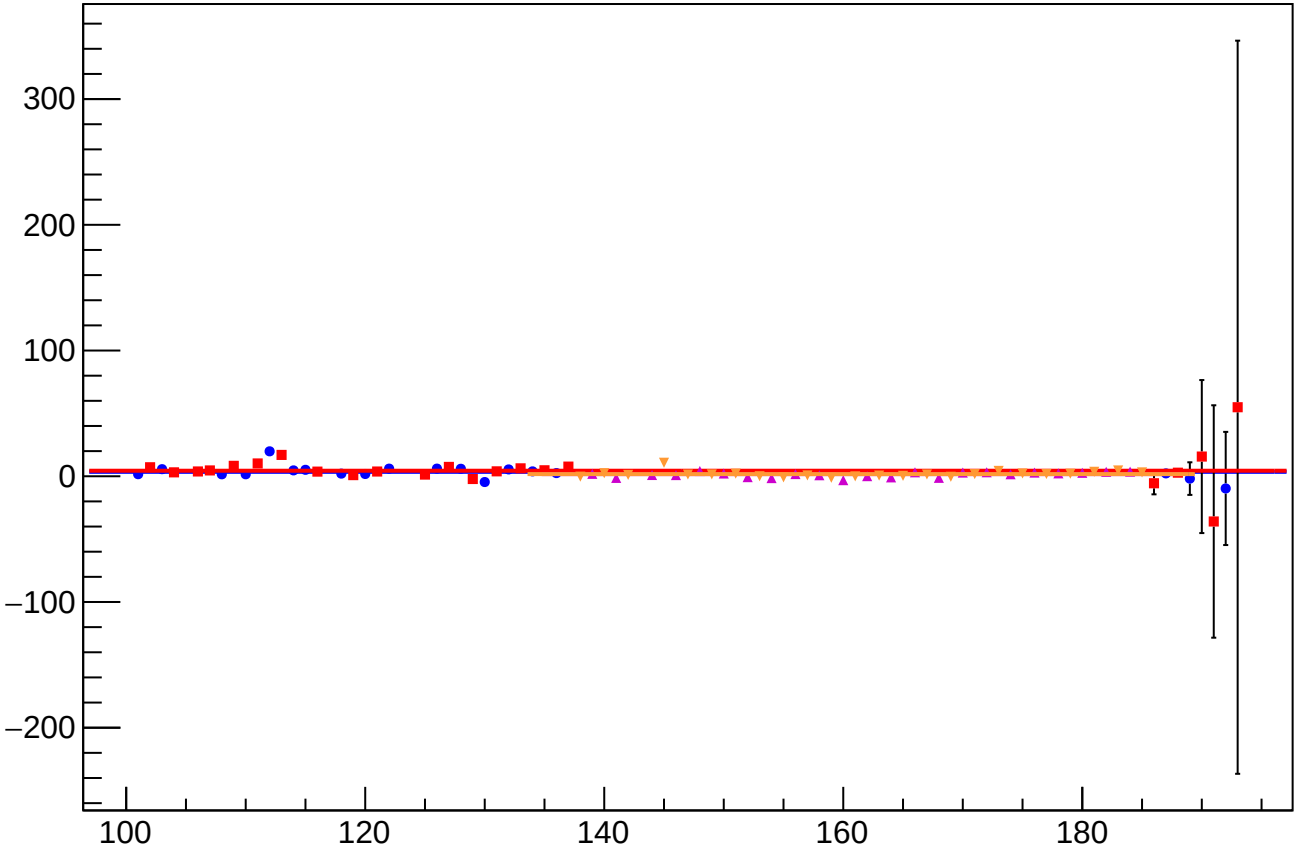
Right: -35.044+/-0.988 χ^2/NDF: 37.9/7

In: -35.854+/-0.190 χ^2/NDF:876.4/25

Out: -35.986+/-0.189 χ^2/NDF:1163.6/28

All: -35.920+/-0.134 χ^2/NDF: 2040.3/54

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.524+/-0.217 χ^2/NDF: 443.7/18

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.399+/-0.224 χ^2/NDF: 345.8/21

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

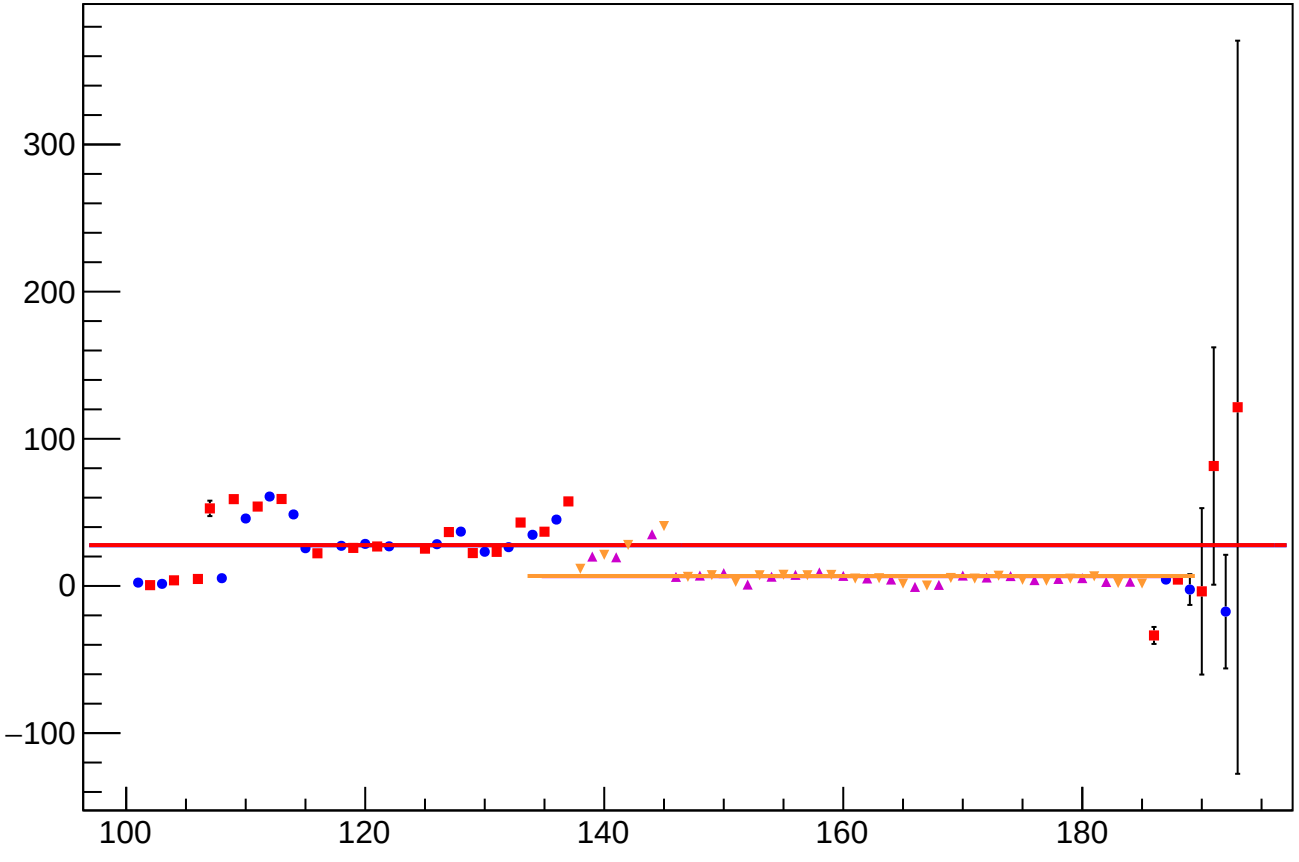
Right: 3.948+/-0.156 χ^2/NDF: 797.4/40

In: 2.295+/-0.123 χ^2/NDF:655.3/41

Out: 2.534+/-0.123 χ^2/NDF:613.9/45

All: 2.414+/-0.087 χ^2/NDF: 1271.1/87

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.624+/-0.402 χ^2/NDF: 1742.9/18

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 27.761+/-0.386 χ^2/NDF: 2464.9/21

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

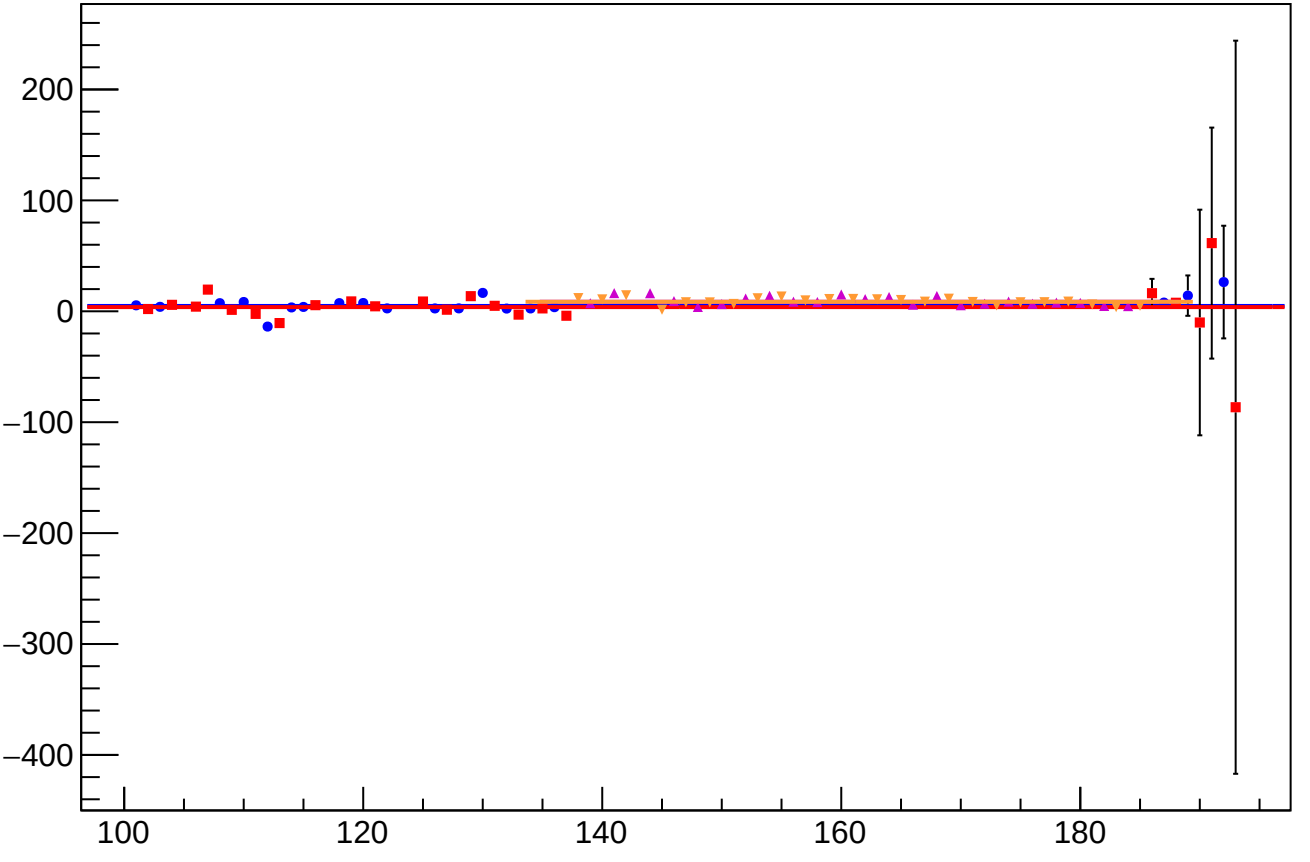
Right: 27.695+/-0.278 χ^2/NDF: 4207.8/40

In: 10.458+/-0.172 χ^2/NDF:5044.6/41

Out: 10.905+/-0.171 χ^2/NDF:6140.9/45

All: 10.682+/-0.121 χ^2/NDF: 11188.9/87

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.806+/-0.251 χ^2/NDF: 550.9/18

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.782+/-0.258 χ^2/NDF: 566.2/21

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

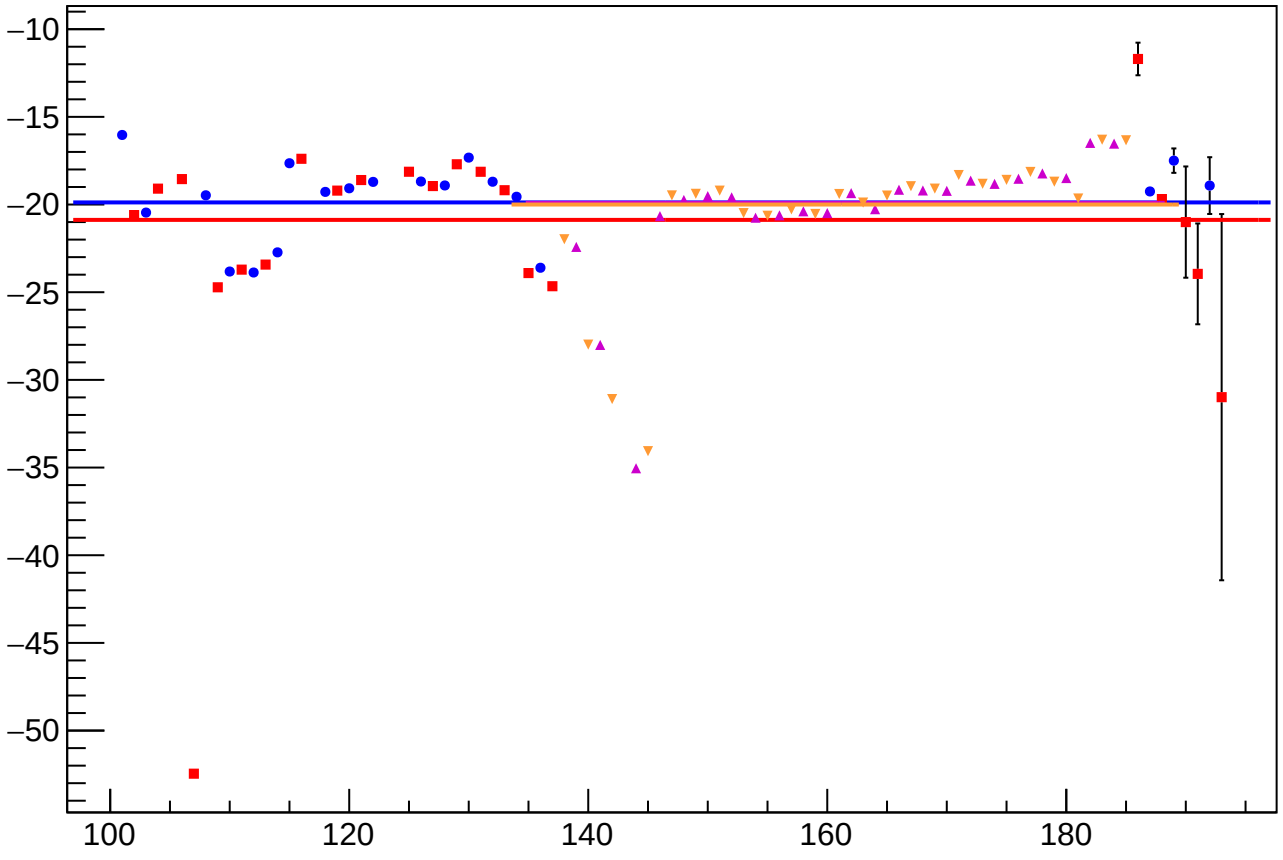
Right: 4.308+/-0.180 χ^2/NDF: 1125.2/40

In: 7.390+/-0.140 χ^2/NDF:1149.2/41

Out: 7.145+/-0.141 χ^2/NDF:1055.2/45

All: 7.268+/-0.100 χ^2/NDF: 2205.9/87

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880+/-0.016 χ^2/NDF: 26081.9/18

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.876+/-0.016 χ^2/NDF: 93027.5/21

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

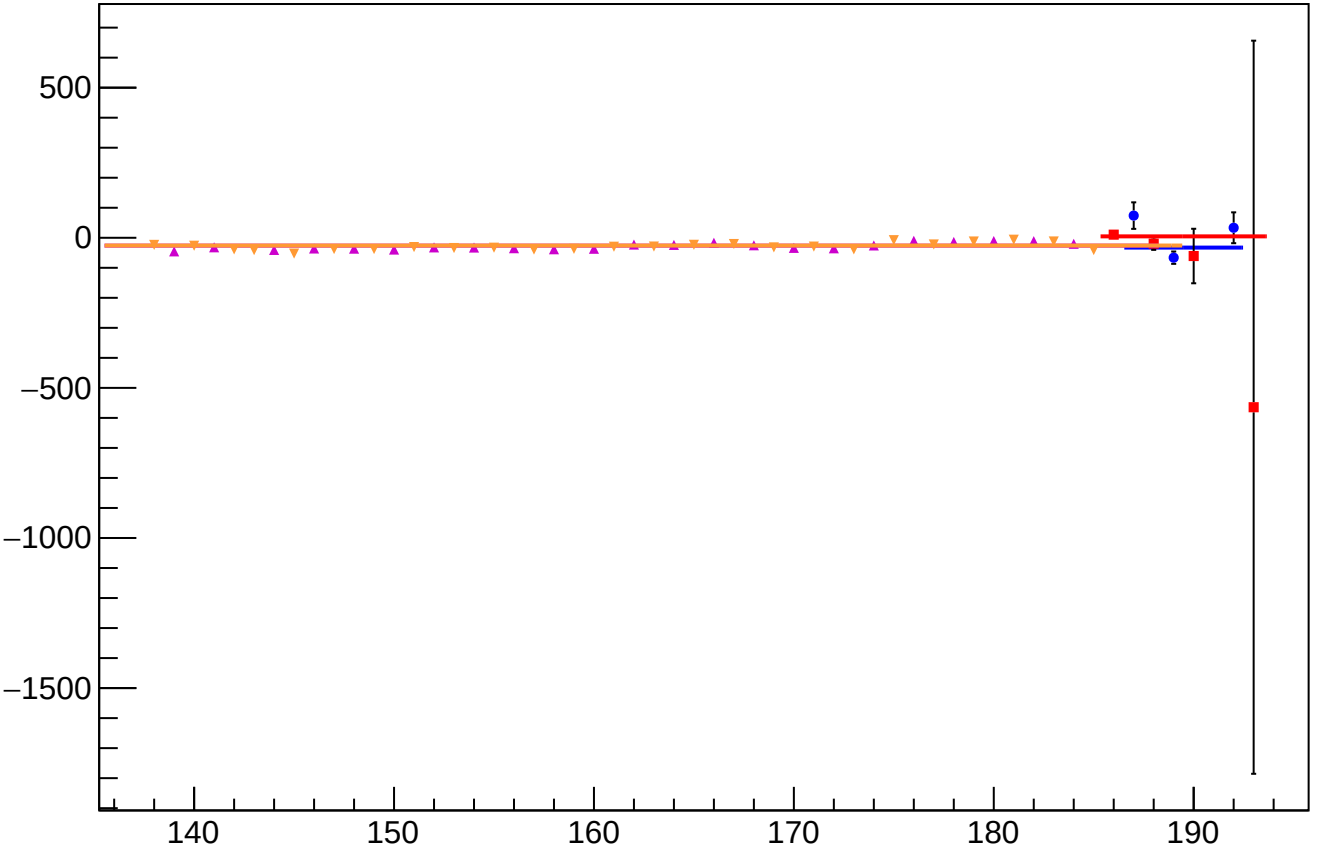
Right: -20.374+/-0.011 χ^2/NDF: 121154.1/40

In: -19.900+/-0.007 χ^2/NDF:171430.7/41

Out: -20.177+/-0.007 χ^2/NDF:267367.8/45

All: -20.037+/-0.005 χ^2/NDF: 439582.4/87

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.695+/-17.515 χ^2/NDF: 10.1/2

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.707+/-8.566 χ^2/NDF: 2.4/3

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

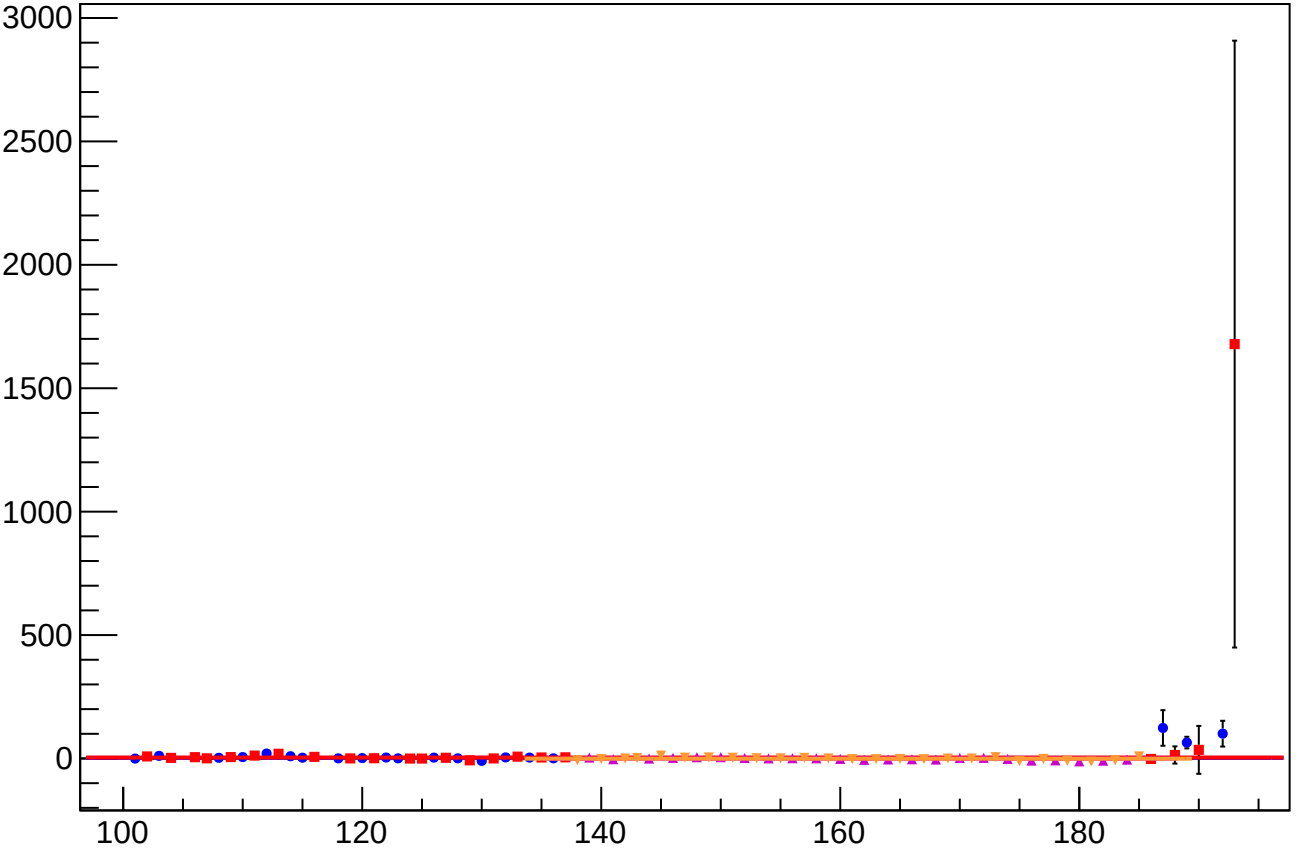
Right: -2.513+/-7.695 χ^2/NDF: 16.3/6

In: -26.204+/-0.194 χ^2/NDF:3388.1/25

Out: -25.789+/-0.192 χ^2/NDF:4142.9/28

All: -25.995+/-0.137 χ^2/NDF: 7533.3/54

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.460+/-0.311 χ^2/NDF: 308.6/19

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.723+/-0.327 χ^2/NDF: 271.4/21

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

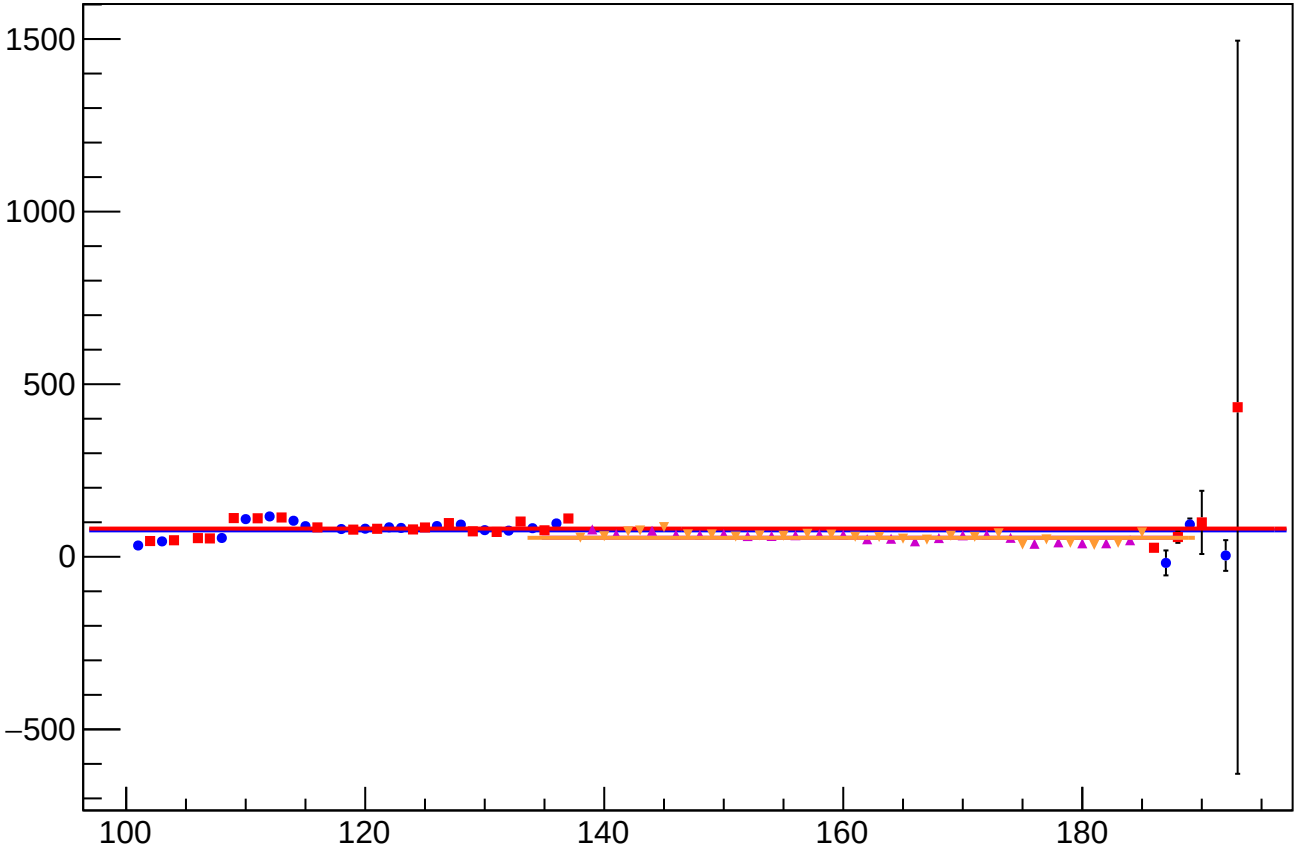
Right: 3.060+/-0.225 χ^2/NDF: 587.9/41

In: -0.218+/-0.135 χ^2/NDF:1471.7/42

Out: 0.057+/-0.134 χ^2/NDF:1736.8/46

All: -0.079+/-0.095 χ^2/NDF: 3210.6/89

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.555+/-0.573 χ^2/NDF: 2264.0/19

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.708+/-0.591 χ^2/NDF: 1604.1/21

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

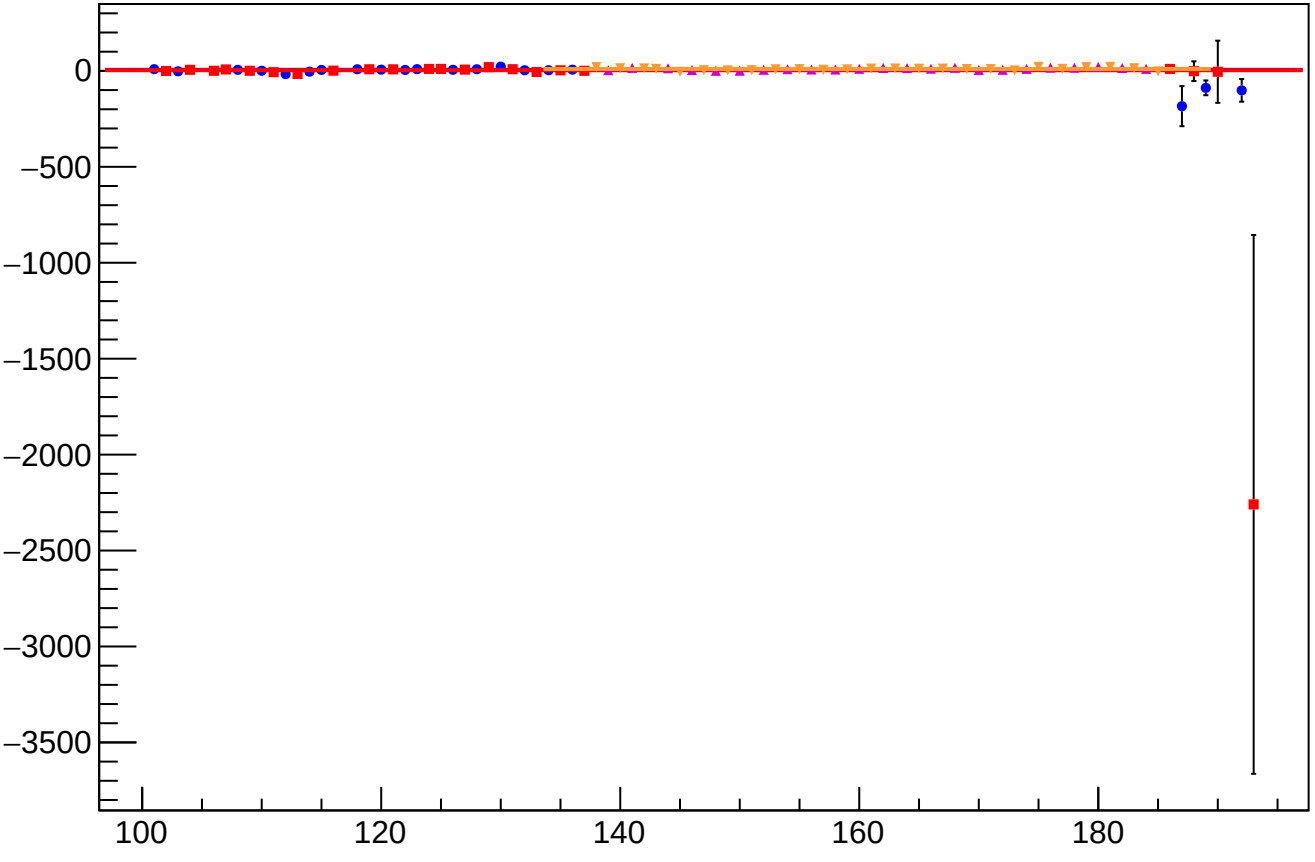
Right: 79.053+/-0.411 χ^2/NDF: 3907.4/41

In: 57.395+/-0.183 χ^2/NDF:7334.3/42

Out: 57.549+/-0.182 χ^2/NDF:7978.8/46

All: 57.472+/-0.129 χ^2/NDF: 15313.5/89

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.428+/-0.357 χ^2/NDF: 400.0/19

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.582+/-0.375 χ^2/NDF: 425.8/21

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

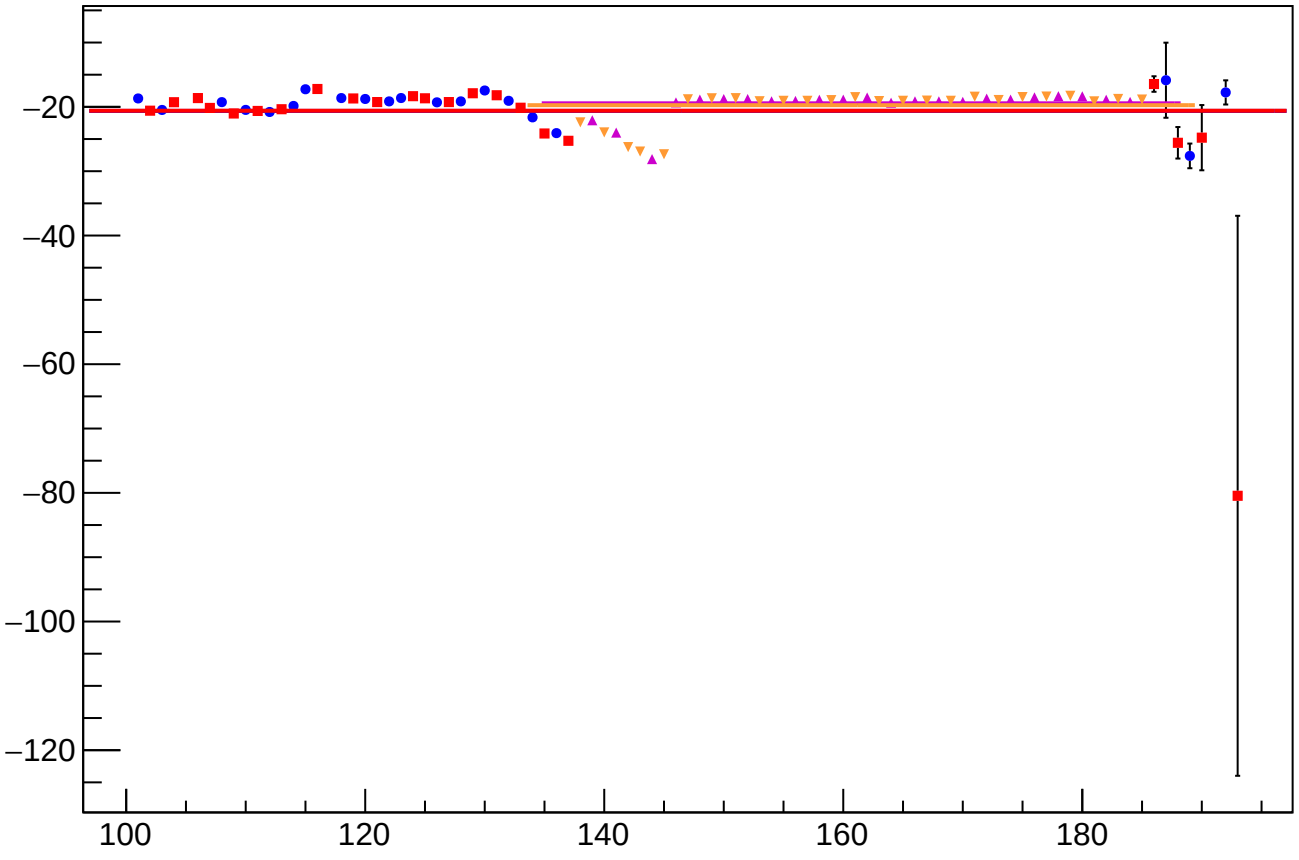
Right: 4.551+/-0.259 χ^2/NDF: 838.5/41

In: 8.963+/-0.154 χ^2/NDF:1685.9/42

Out: 8.719+/-0.153 χ^2/NDF:2099.8/46

All: 8.840+/-0.109 χ^2/NDF: 3787.0/89

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF: 12506.8/19

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.602+/-0.019 χ^2/NDF: 11969.6/21

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

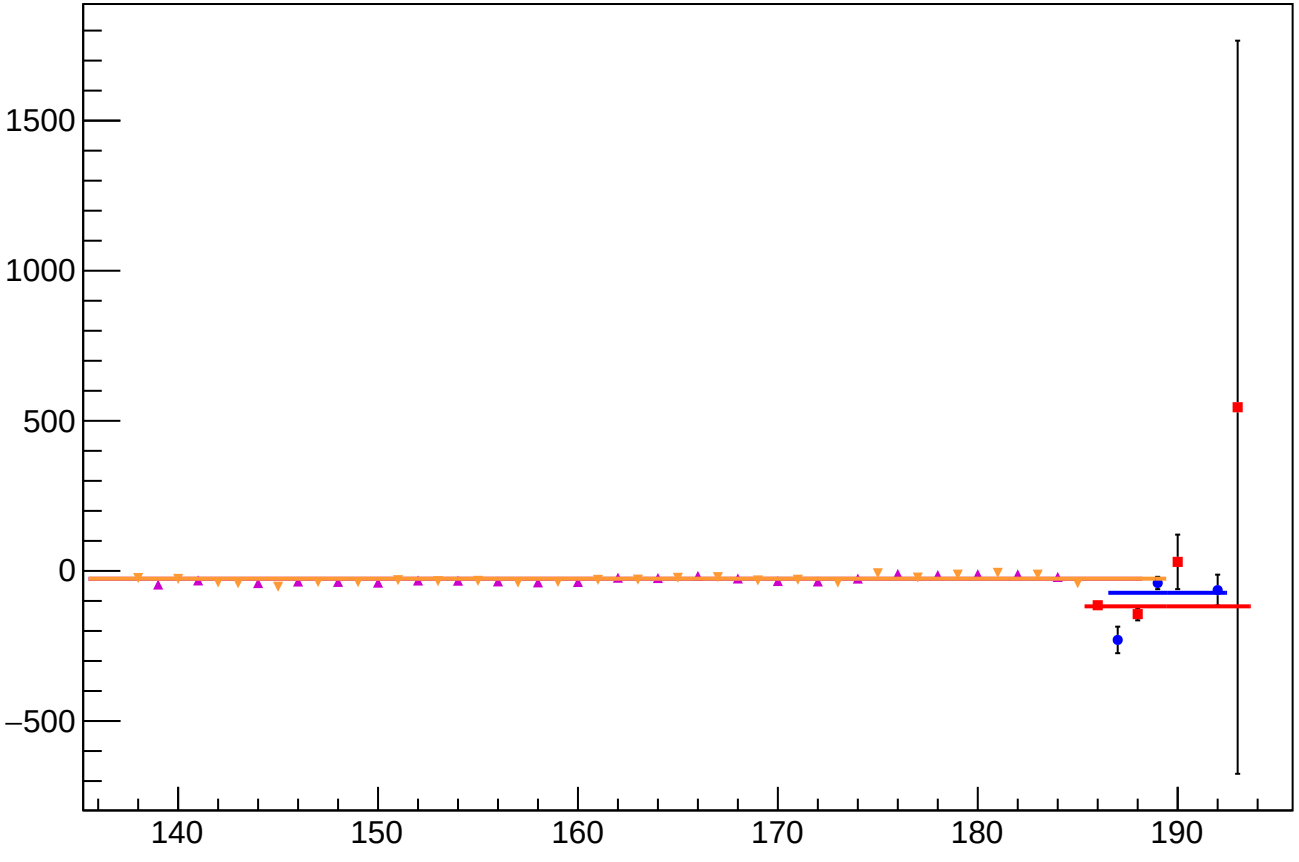
Right: -20.616+/-0.014 χ^2/NDF: 24477.6/41

In: -19.619+/-0.007 χ^2/NDF:69768.4/42

Out: -19.861+/-0.007 χ^2/NDF:102155.3/46

All: -19.740+/-0.005 χ^2/NDF: 172469.1/89

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -72.882+/-17.530 χ^2/NDF: 15.2/2

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -118.005+/-8.572 χ^2/NDF: 4.6/3

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

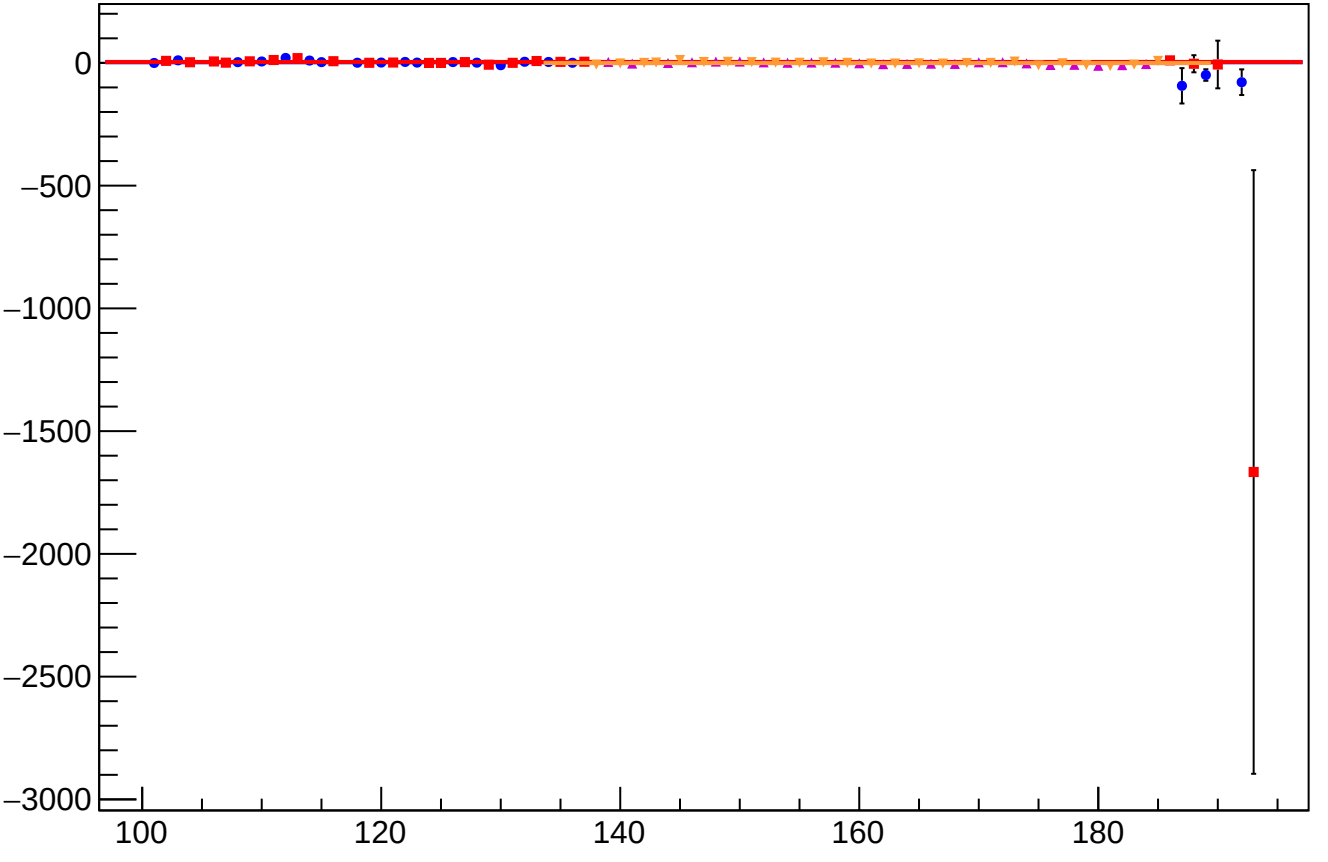
Right: -109.297+/-7.701 χ^2/NDF: 25.2/6

In: -26.206+/-0.194 χ^2/NDF:3366.9/25

Out: -25.861+/-0.192 χ^2/NDF:4214.8/28

All: -26.031+/-0.137 χ^2/NDF: 7583.3/54

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.434+/-0.311 χ^2/NDF: 302.4/19

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.862+/-0.327 χ^2/NDF: 271.1/21

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

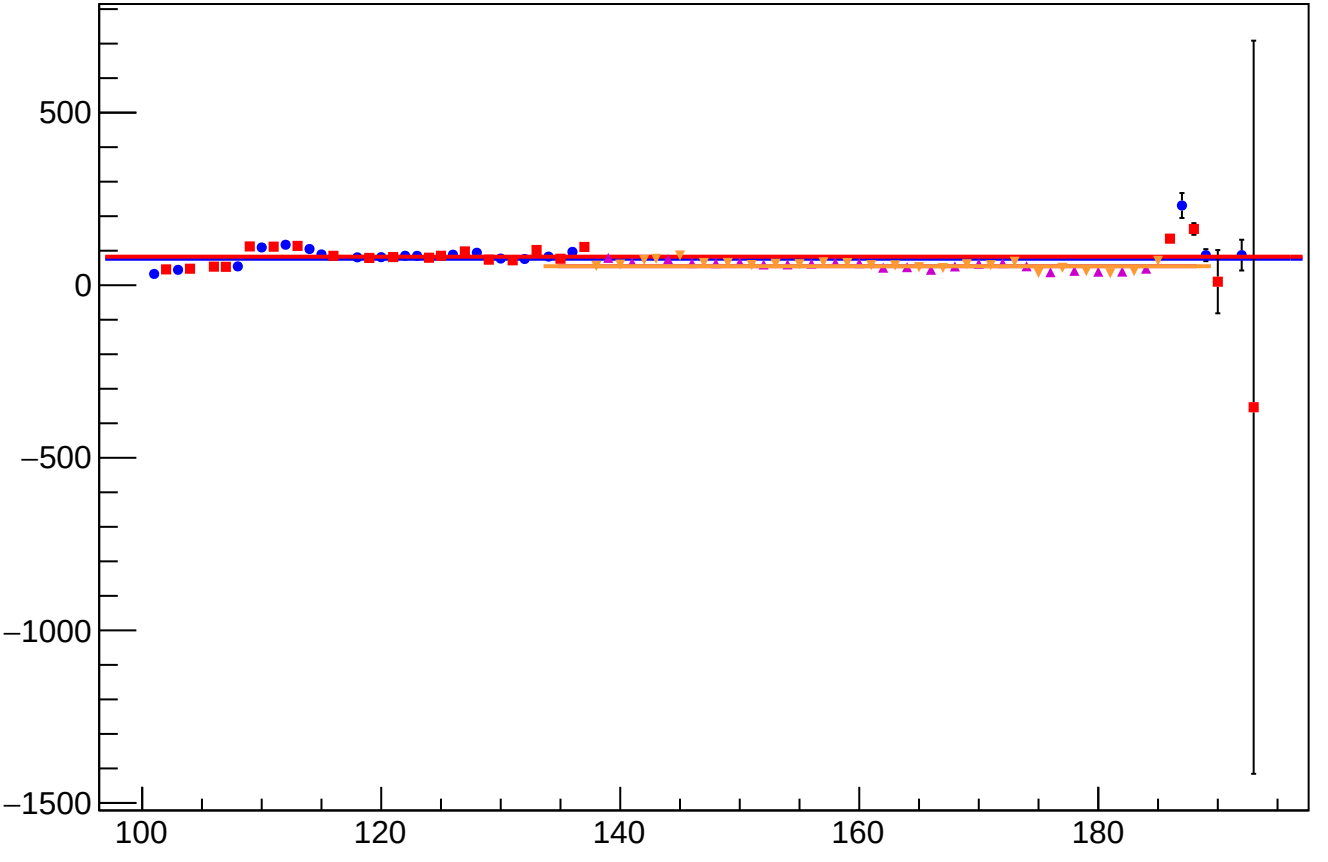
Right: 3.113+/-0.225 χ^2/NDF: 583.5/41

In: -0.167+/-0.135 χ^2/NDF:1500.0/42

Out: 0.127+/-0.134 χ^2/NDF:1731.3/46

All: -0.019+/-0.095 χ^2/NDF: 3233.7/89

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.739+/-0.573 χ^2/NDF: 2283.7/19

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.667+/-0.591 χ^2/NDF: 1621.3/21

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

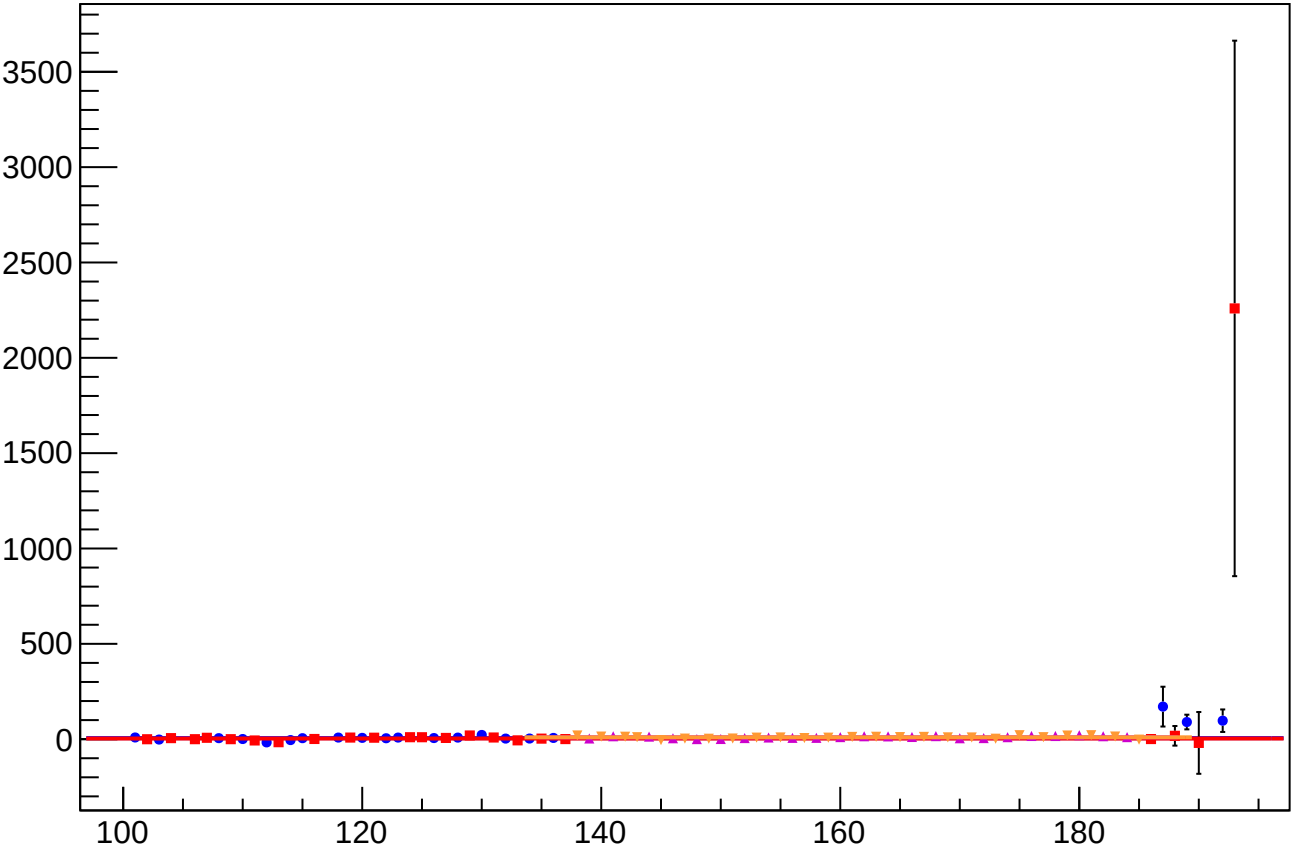
Right: 79.613+/-0.411 χ^2/NDF: 3956.9/41

In: 57.438+/-0.183 χ^2/NDF:7332.2/42

Out: 57.648+/-0.183 χ^2/NDF:8105.0/46

All: 57.543+/-0.129 χ^2/NDF: 15437.9/89

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.452+/-0.357 χ^2/NDF: 395.7/19

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.424+/-0.376 χ^2/NDF: 425.6/21

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

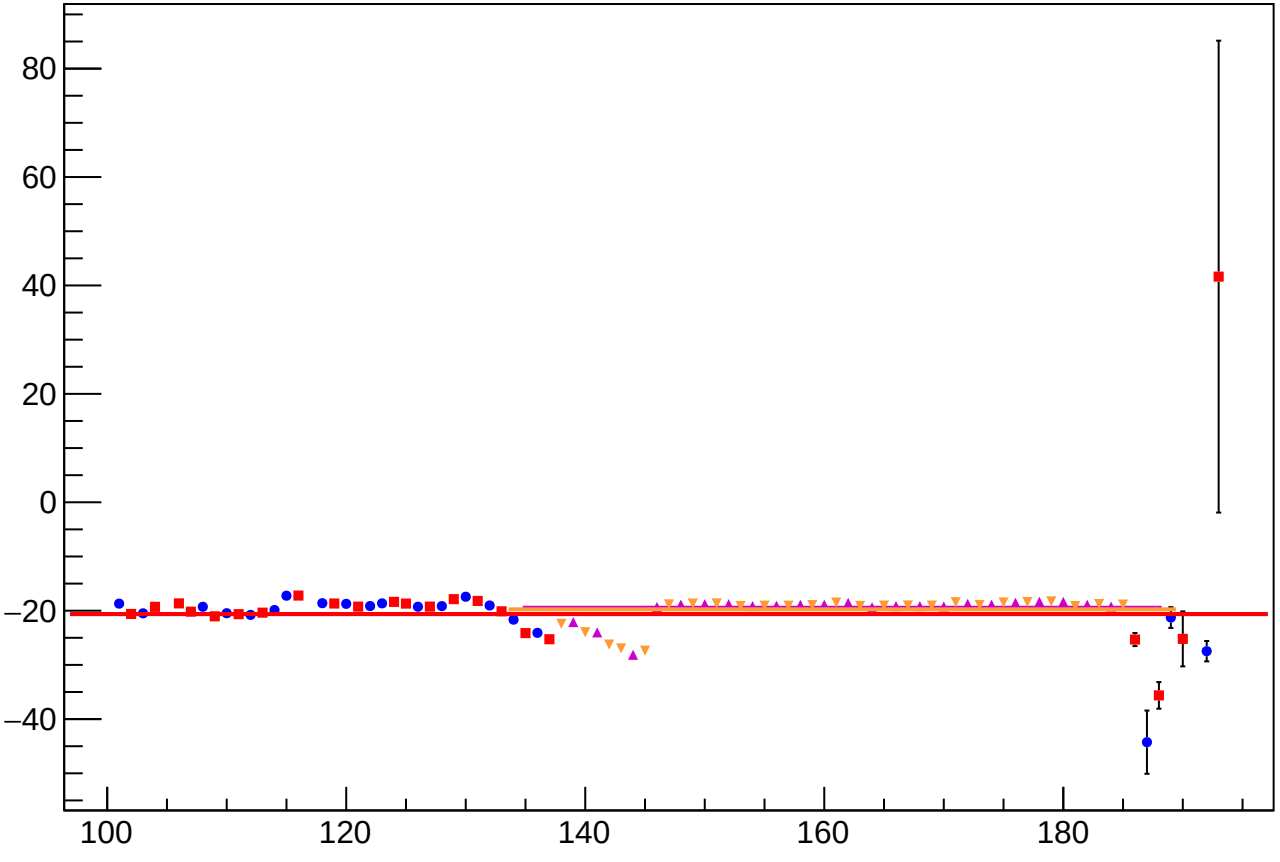
Right: 4.488+/-0.259 χ^2/NDF: 836.5/41

In: 8.913+/-0.155 χ^2/NDF:1708.9/42

Out: 8.643+/-0.154 χ^2/NDF:2097.7/46

All: 8.777+/-0.109 χ^2/NDF: 3808.2/89

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.633+/-0.019 χ^2/NDF: 12560.5/19

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11956.0/21

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

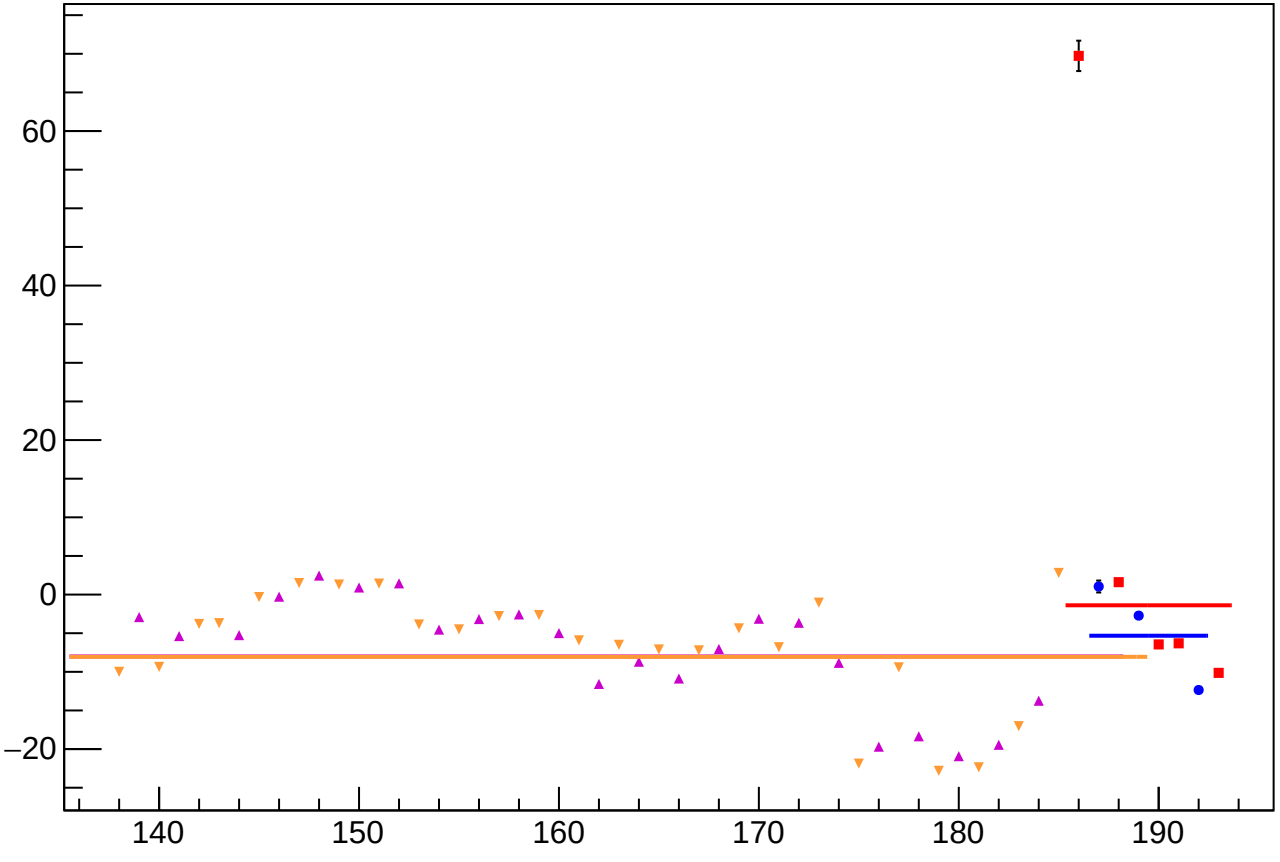
Right: -20.620+/-0.014 χ^2/NDF: 24517.4/41

In: -19.627+/-0.007 χ^2/NDF:69733.3/42

Out: -19.868+/-0.007 χ^2/NDF:102011.8/46

All: -19.748+/-0.005 χ^2/NDF: 172286.6/89

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.326+/-0.283 χ^2/NDF: 312.6/2

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -1.387+/-0.148 χ^2/NDF: 2300.6/4

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

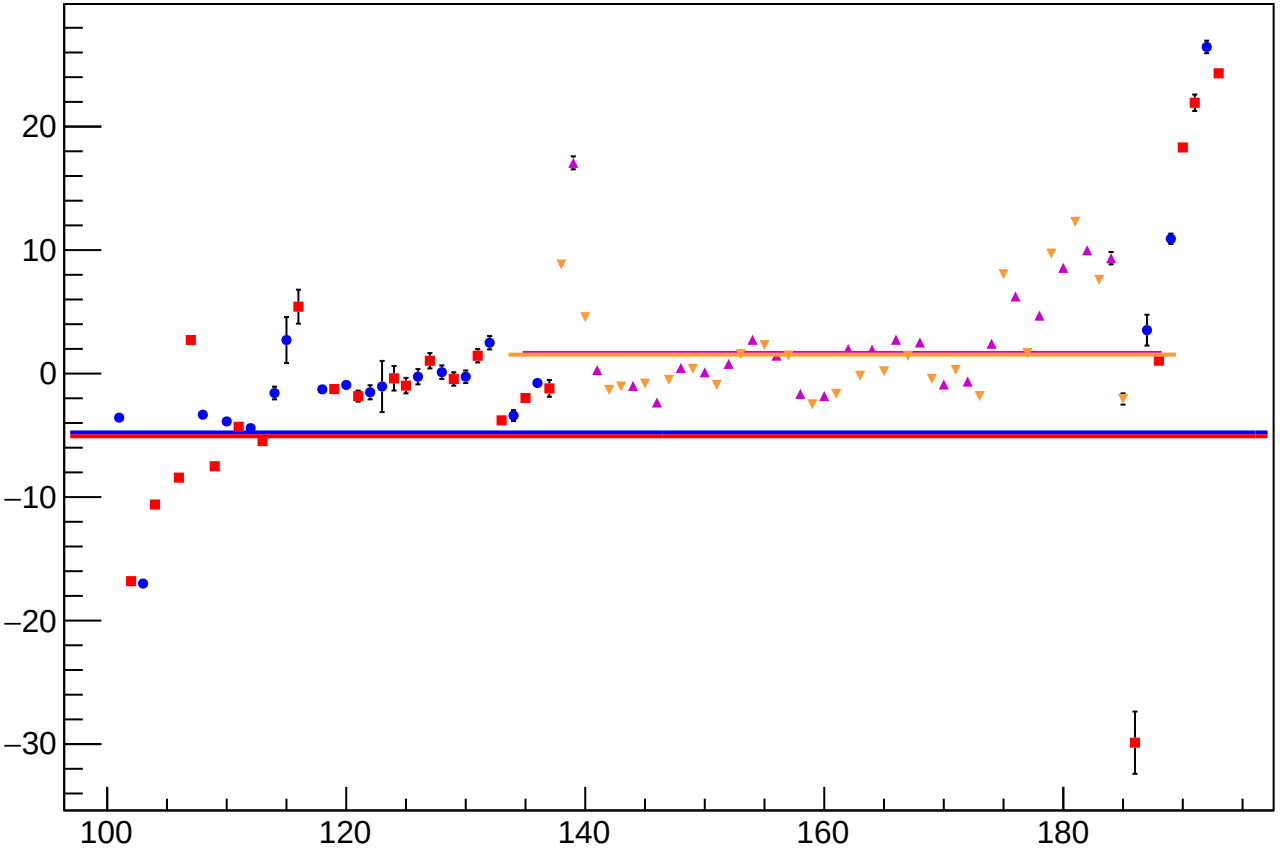
Right: -2.230+/-0.131 χ^2/NDF: 2765.1/7

In: -7.850+/-0.069 χ^2/NDF:11028.1/25

Out: -6.824+/-0.064 χ^2/NDF:16491.9/29

All: -7.293+/-0.047 χ^2/NDF: 27639.1/55

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.768+/-0.054 χ^2/NDF: 14597.1/19

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -5.078+/-0.057 χ^2/NDF: 22926.0/22

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

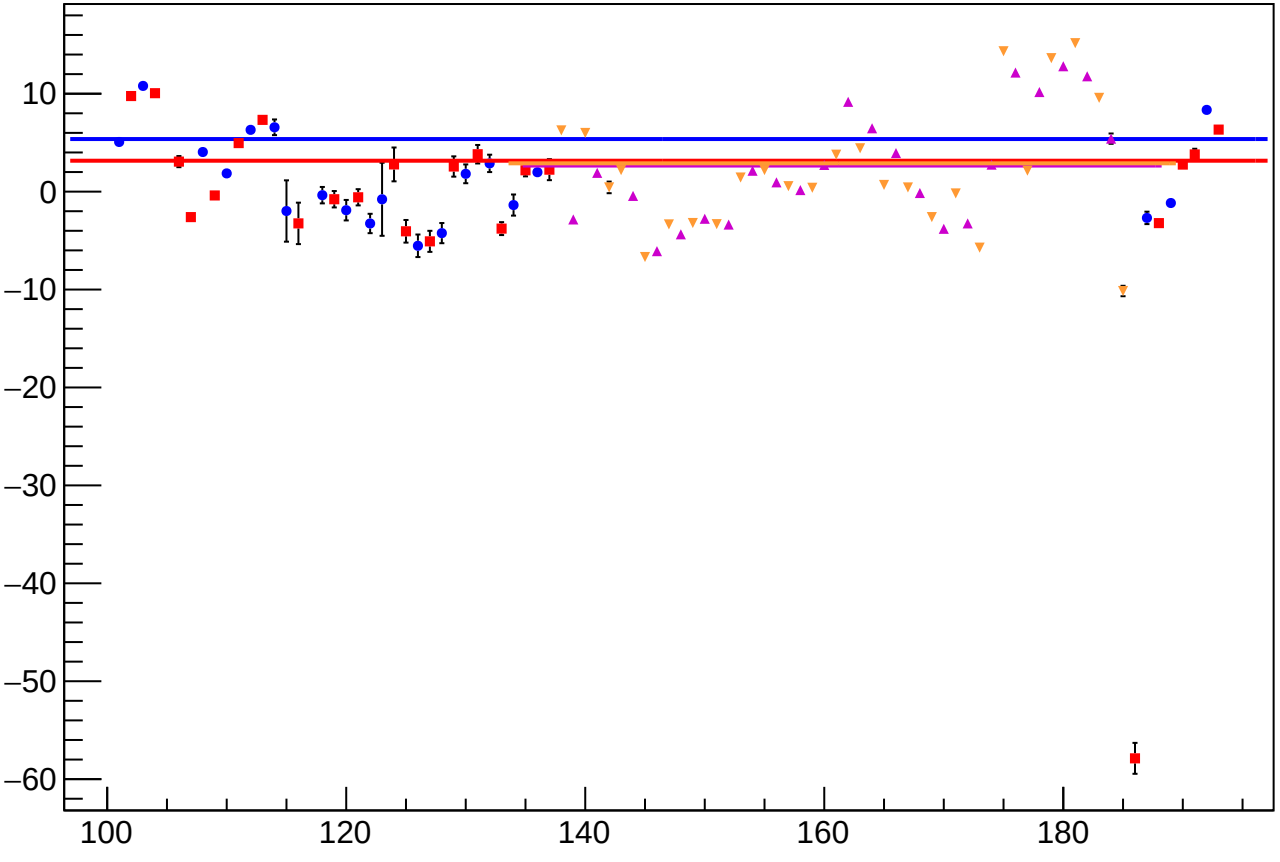
Right: -4.914+/-0.039 χ^2/NDF: 37538.7/42

In: -1.693+/-0.039 χ^2/NDF:25516.6/42

Out: -1.617+/-0.039 χ^2/NDF:34761.7/47

All: -1.655+/-0.028 χ^2/NDF: 60280.2/90

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.370+/-0.084 χ^2/NDF: 2028.2/19

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.157+/-0.076 χ^2/NDF: 6605.3/22

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

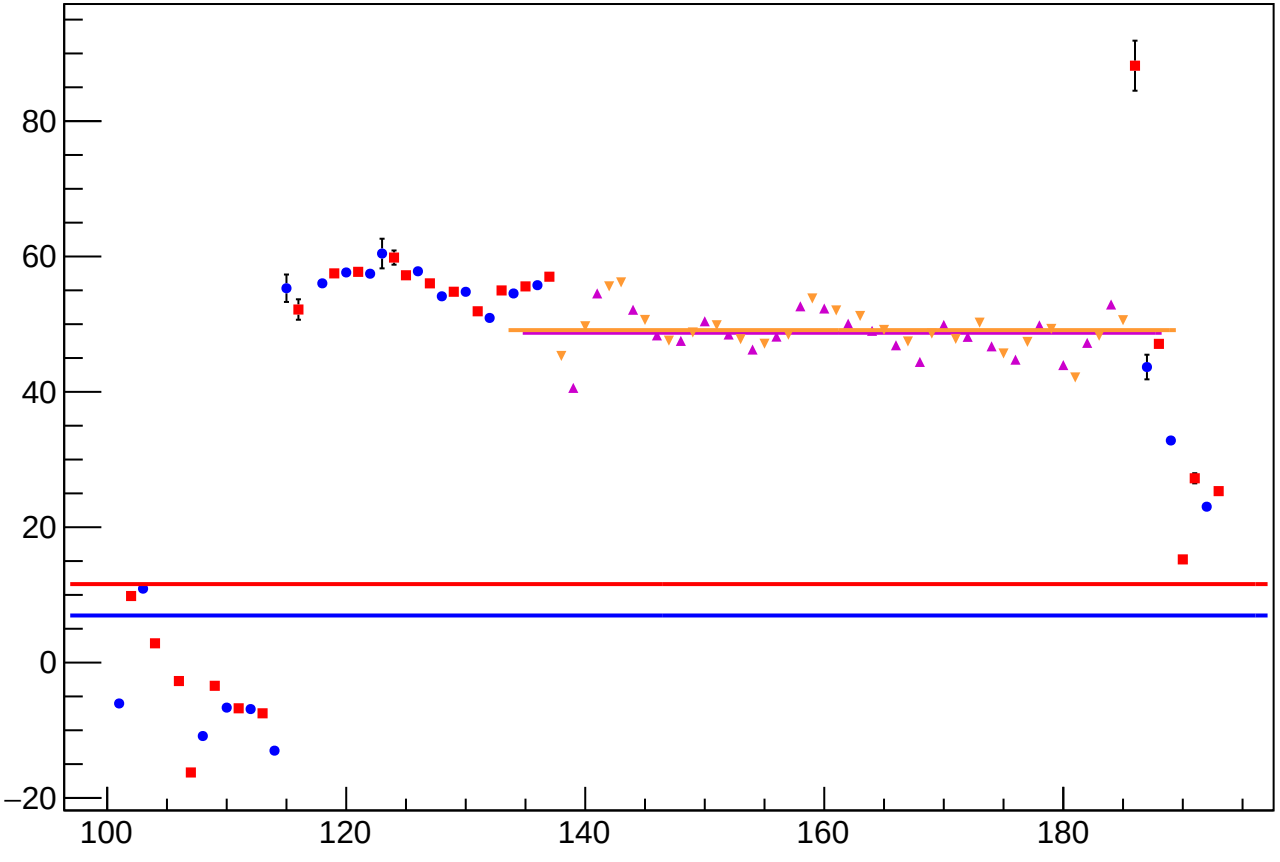
Right: 4.155+/-0.057 χ^2/NDF: 9011.2/42

In: 3.786+/-0.054 χ^2/NDF:9939.2/42

Out: 3.013+/-0.052 χ^2/NDF:15501.3/47

All: 3.381+/-0.037 χ^2/NDF: 25546.3/90

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.958+/-0.064 χ^2/NDF: 126448.6/19

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 11.597+/-0.068 χ^2/NDF: 131767.5/22

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

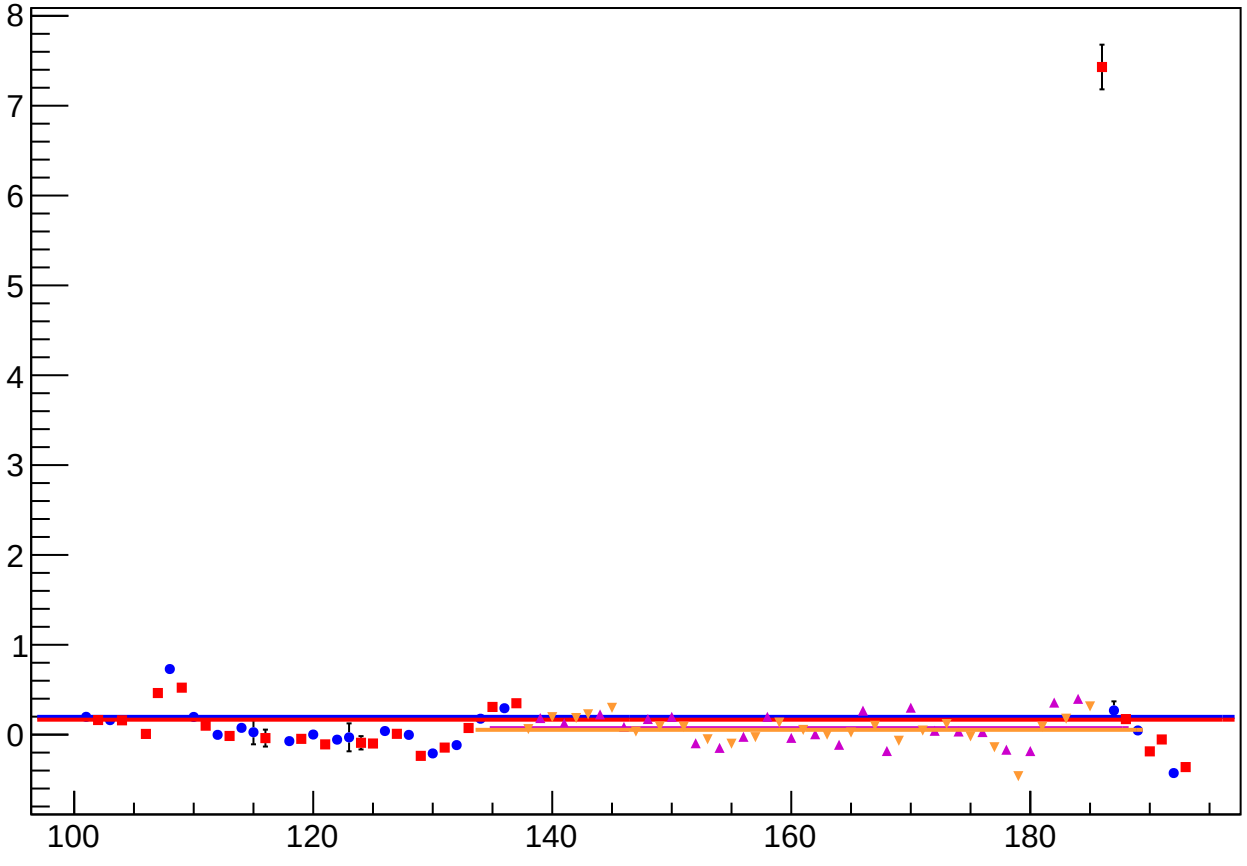
Right: 9.125+/-0.047 χ^2/NDF: 260676.0/42

In: 27.963+/-0.045 χ^2/NDF:343329.4/42

Out: 32.196+/-0.046 χ^2/NDF:299779.2/47

All: 30.043+/-0.032 χ^2/NDF: 647445.3/90

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.198+/-0.003 χ^2/NDF: 5213.4/19

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.166+/-0.003 χ^2/NDF: 5212.5/22

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

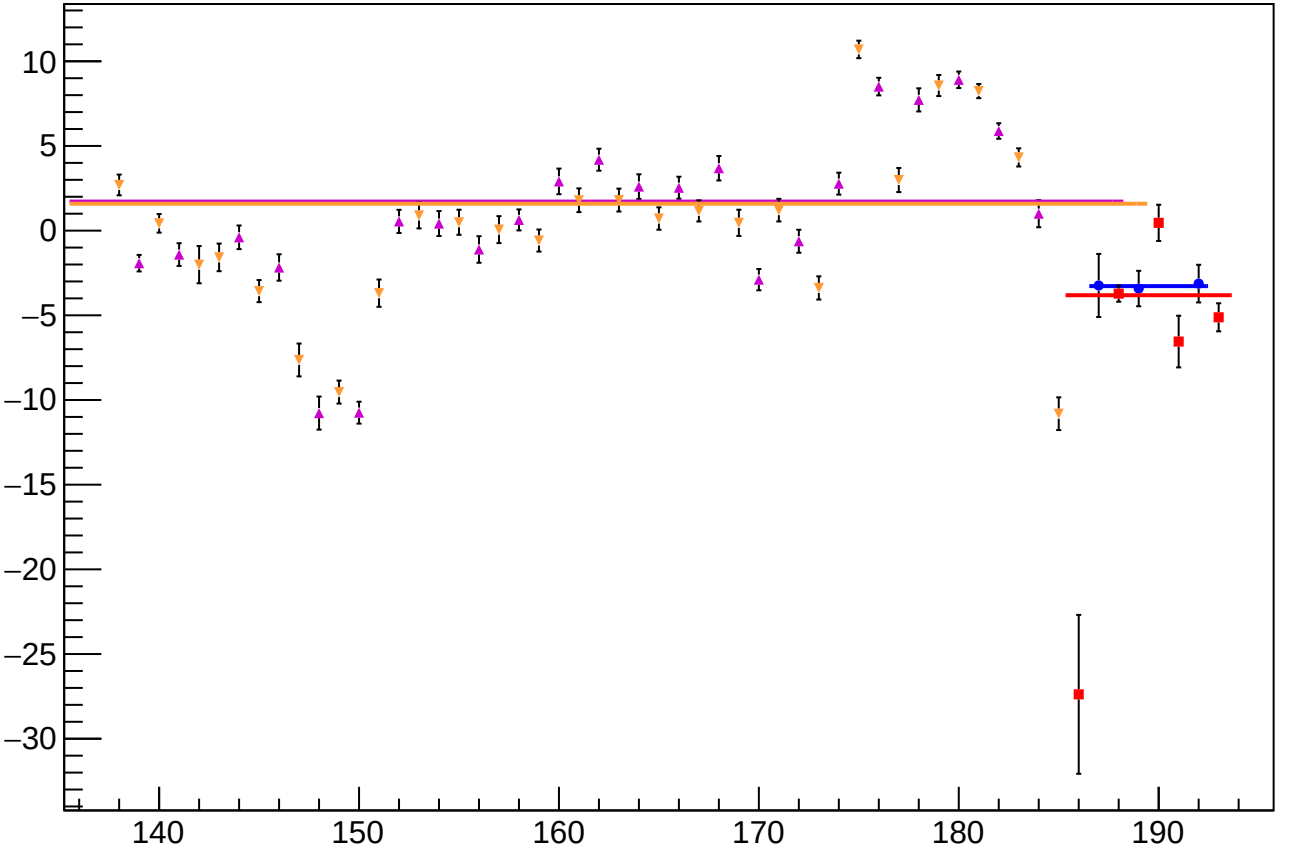
Right: 0.182+/-0.002 χ^2/NDF: 10495.8/42

In: 0.138+/-0.002 χ^2/NDF:9511.8/42

Out: 0.114+/-0.002 χ^2/NDF:8436.0/47

All: 0.126+/-0.001 χ^2/NDF: 18023.0/90

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.276+/-0.705 χ^2/NDF: 0.0/2

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.813+/-0.373 χ^2/NDF: 47.0/4

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

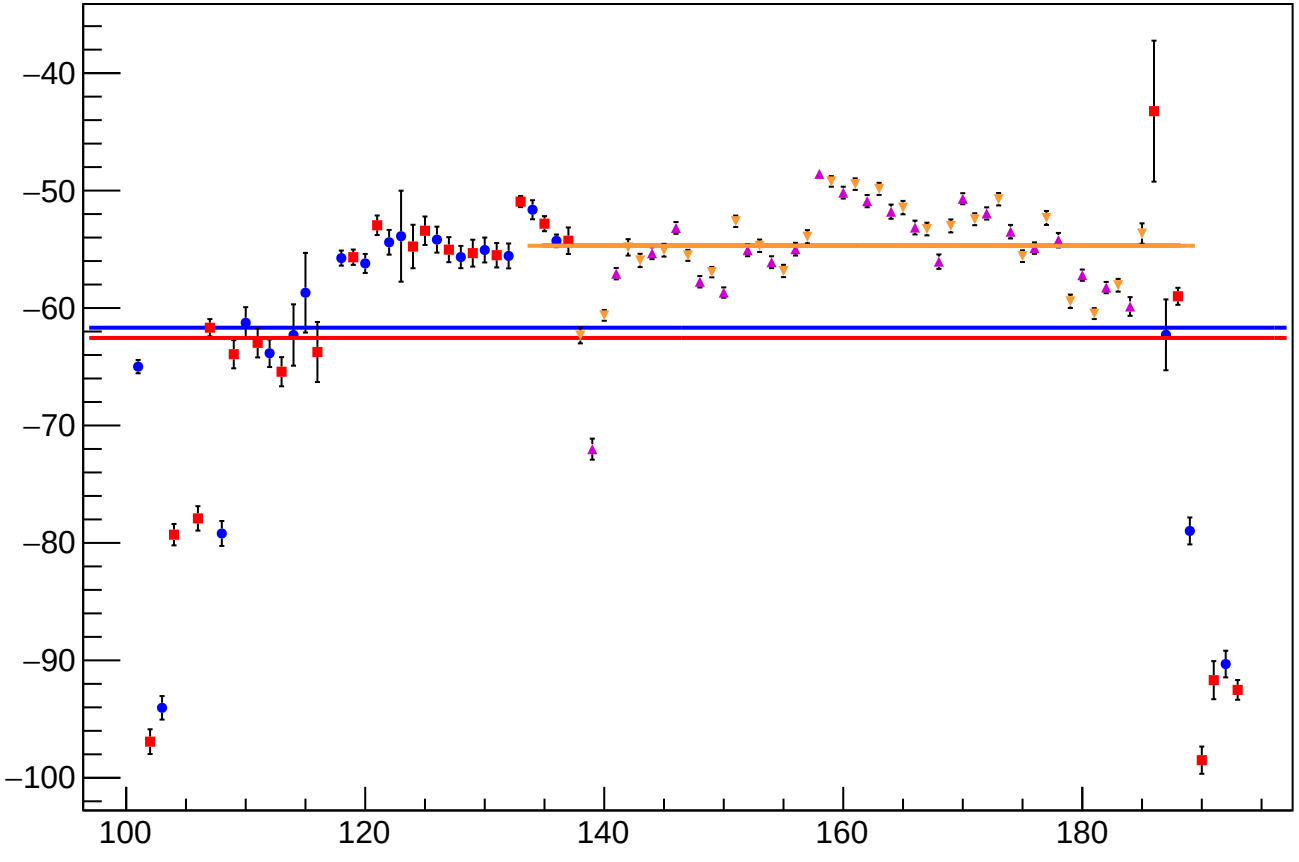
Right: -3.696+/-0.329 χ^2/NDF: 47.5/7

In: 1.541+/-0.132 χ^2/NDF:1361.9/25

Out: 0.979+/-0.125 χ^2/NDF:1690.9/29

All: 1.246+/-0.091 χ^2/NDF: 3062.4/55

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -61.676+/-0.214 χ^2/NDF: 2905.4/19

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -62.546+/-0.194 χ^2/NDF: 5567.6/22

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

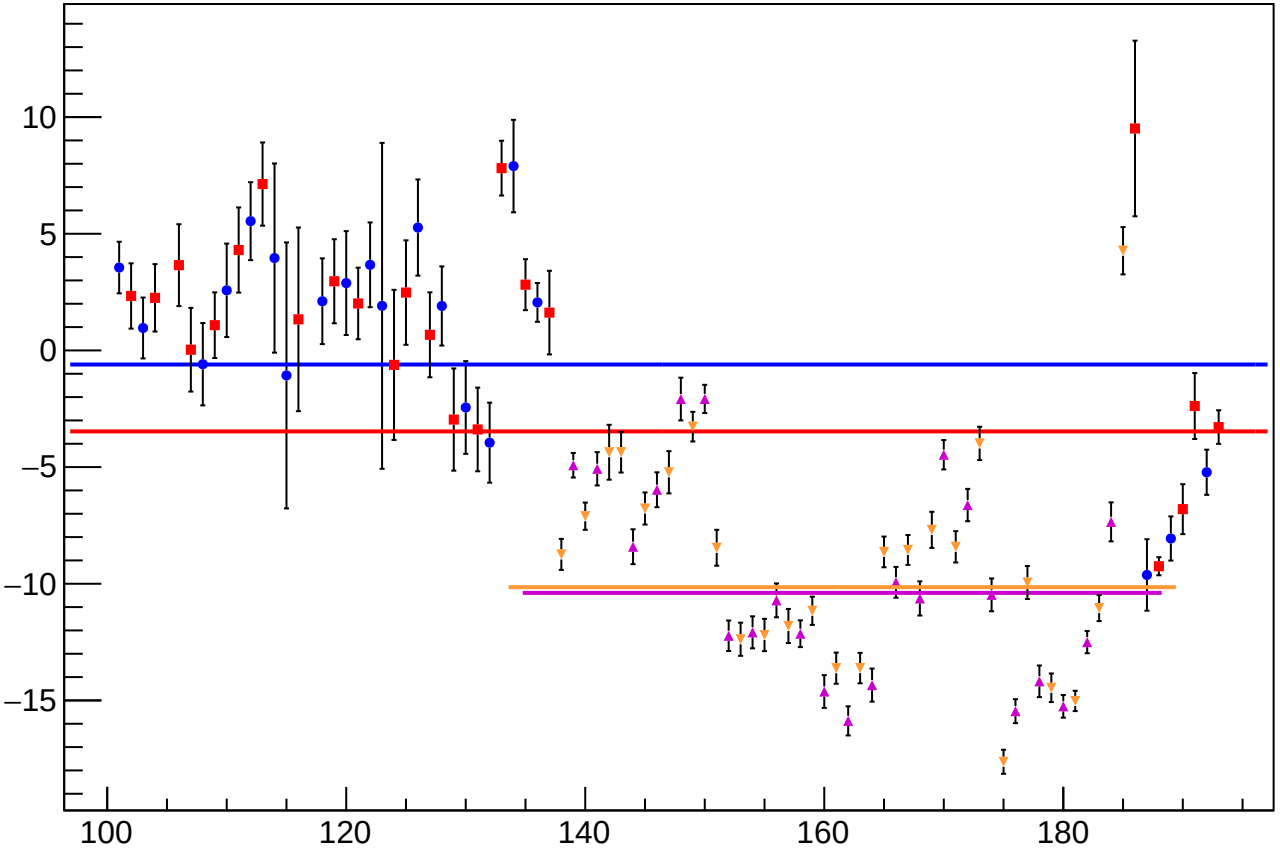
Right: -62.154+/-0.144 χ^2/NDF: 8482.1/42

In: -56.124+/-0.097 χ^2/NDF:4891.4/42

Out: -56.504+/-0.093 χ^2/NDF:7951.7/47

All: -56.323+/-0.067 χ^2/NDF: 12851.1/90

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.603+/-0.338 χ^2/NDF: 206.3/19

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -3.470+/-0.246 χ^2/NDF: 535.6/22

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

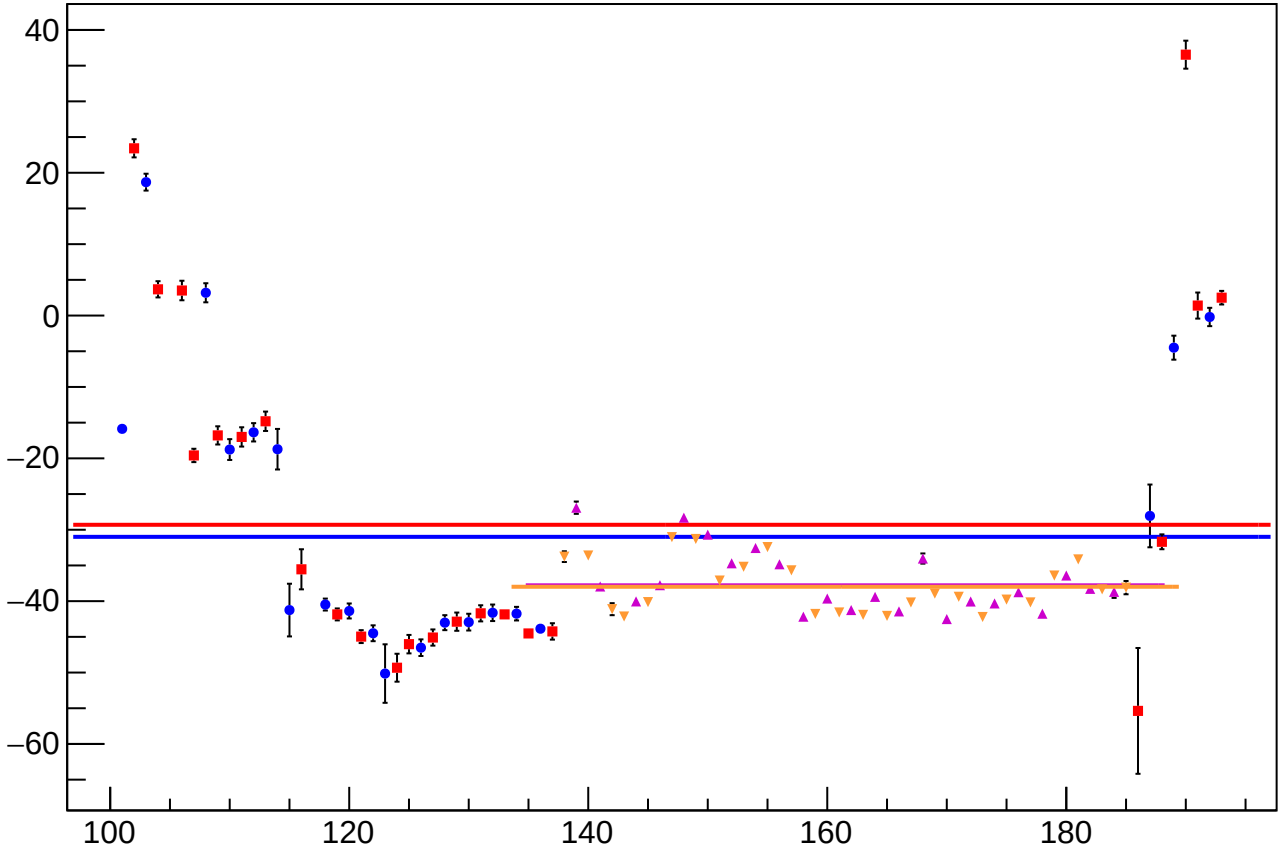
Right: -2.481+/-0.199 χ^2/NDF: 788.8/42

In: -9.068+/-0.124 χ^2/NDF:1954.6/42

Out: -8.632+/-0.117 χ^2/NDF:2157.7/47

All: -8.837+/-0.085 χ^2/NDF: 4118.8/90

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.993+/-0.246 χ^2/NDF: 5544.1/19

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -29.305+/-0.228 χ^2/NDF: 8494.6/22

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

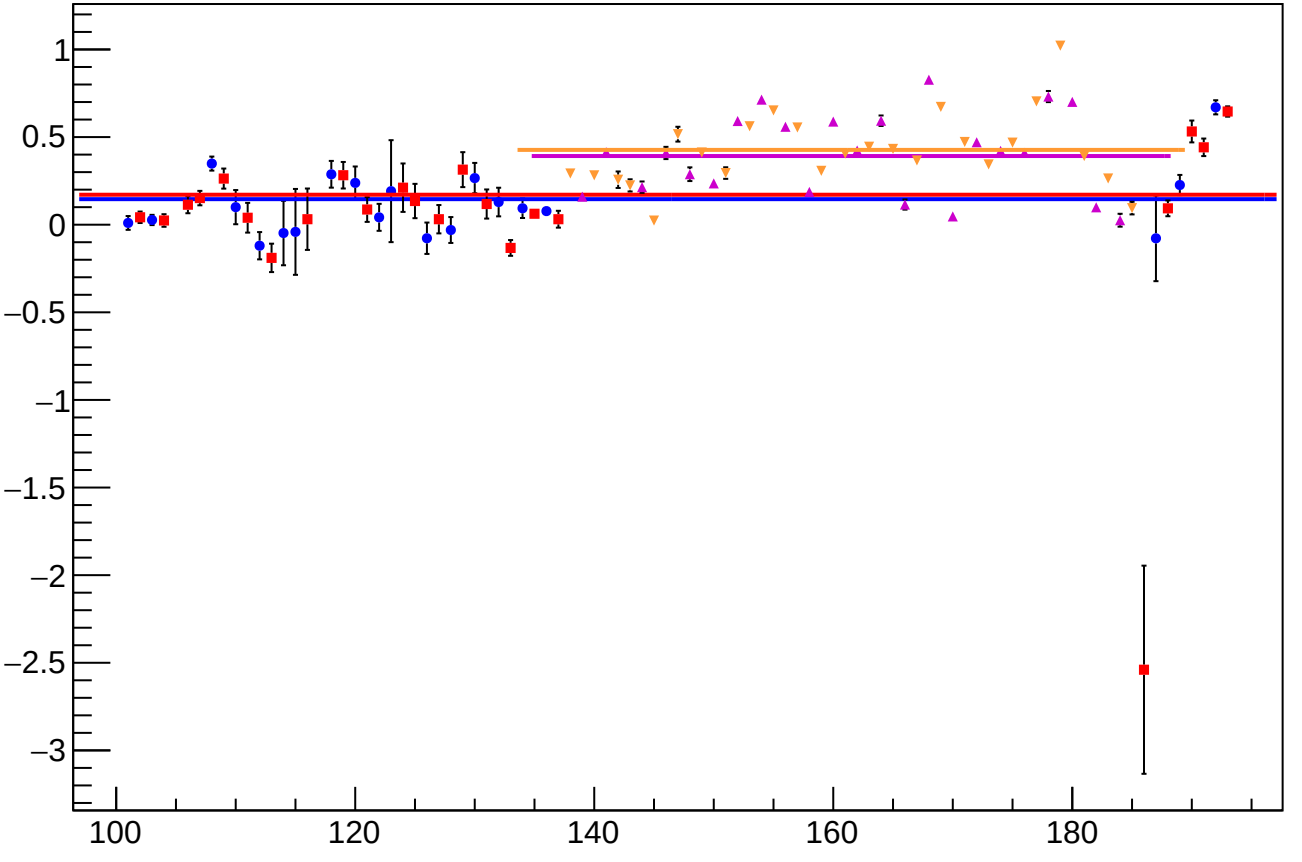
Right: -30.083+/-0.167 χ^2/NDF: 14064.1/42

In: -36.446+/-0.109 χ^2/NDF:7235.4/42

Out: -36.121+/-0.105 χ^2/NDF:10573.0/47

All: -36.277+/-0.076 χ^2/NDF: 17813.0/90

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.146+/-0.012 χ^2/NDF: 269.3/19

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.171+/-0.011 χ^2/NDF: 486.2/22

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

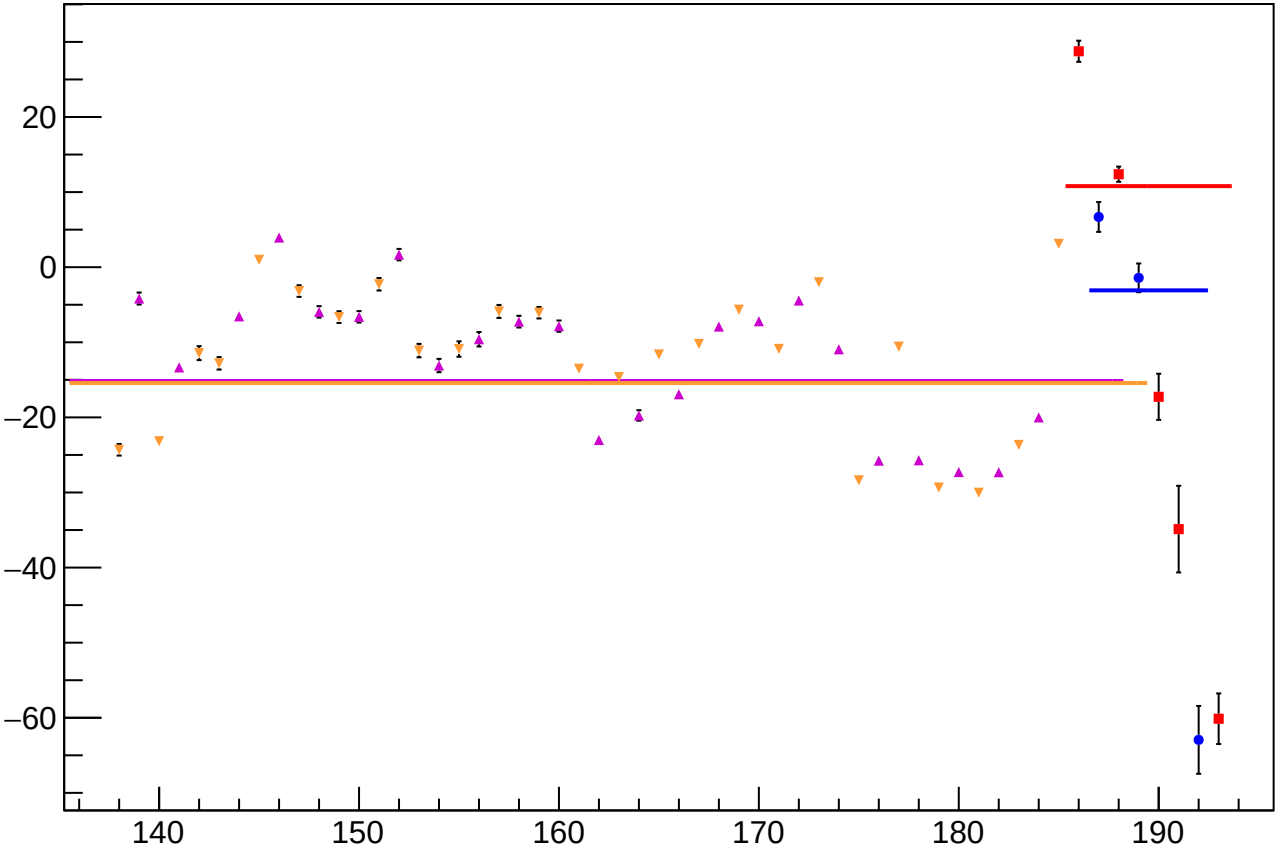
Right: 0.160+/-0.008 χ^2/NDF: 758.1/42

In: 0.350+/-0.005 χ^2/NDF:2462.3/42

Out: 0.374+/-0.005 χ^2/NDF:2245.6/47

All: 0.362+/-0.003 χ^2/NDF: 4720.4/90

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.084+/-1.318 χ^2/NDF: 200.5/2

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 10.795+/-0.766 χ^2/NDF: 753.6/4

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

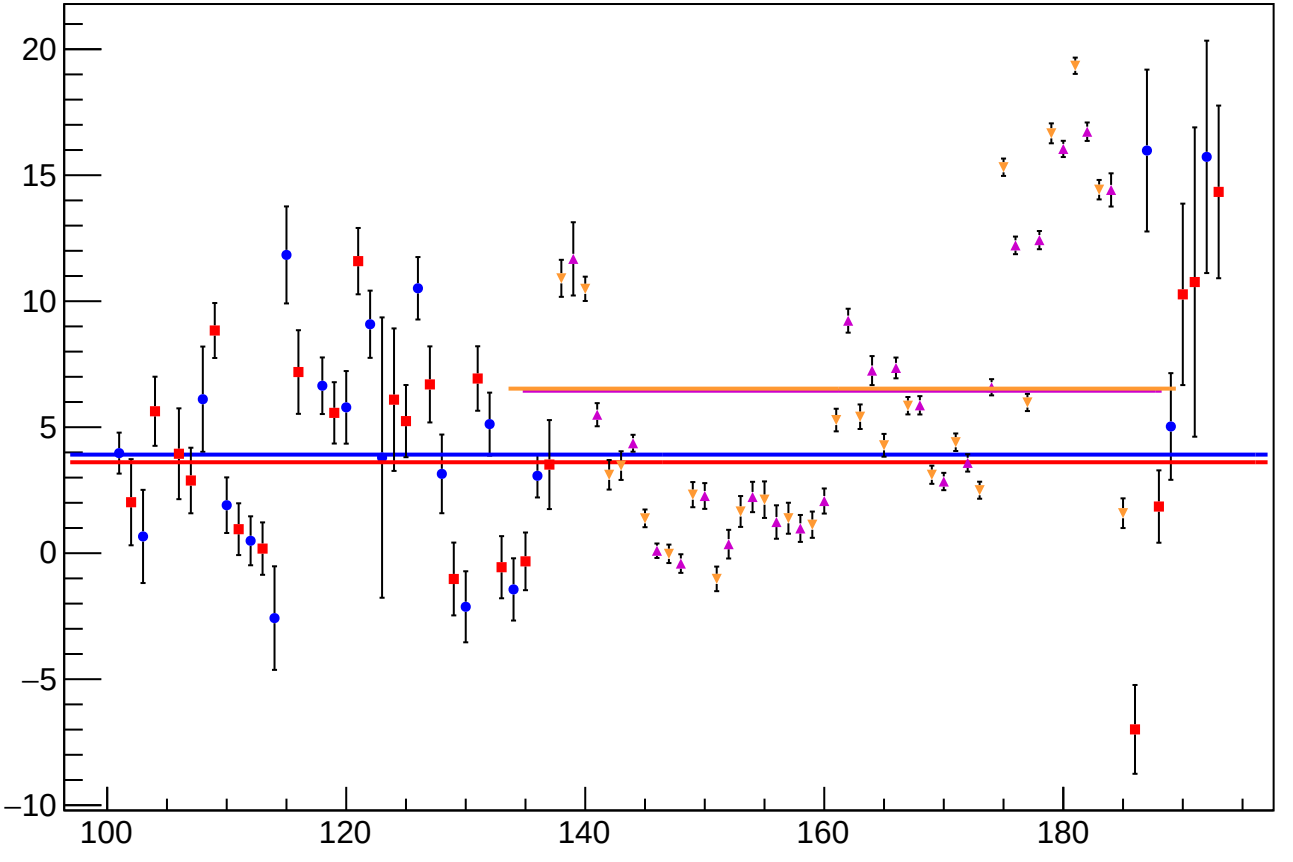
Right: 7.286+/-0.663 χ^2/NDF: 1037.0/7

In: -15.073+/-0.106 χ^2/NDF:9028.1/25

Out: -14.941+/-0.104 χ^2/NDF:12402.0/29

All: -15.006+/-0.074 χ^2/NDF: 21431.0/55

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.912+/-0.303 χ^2/NDF: 158.1/19

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.610+/-0.302 χ^2/NDF: 186.7/22

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

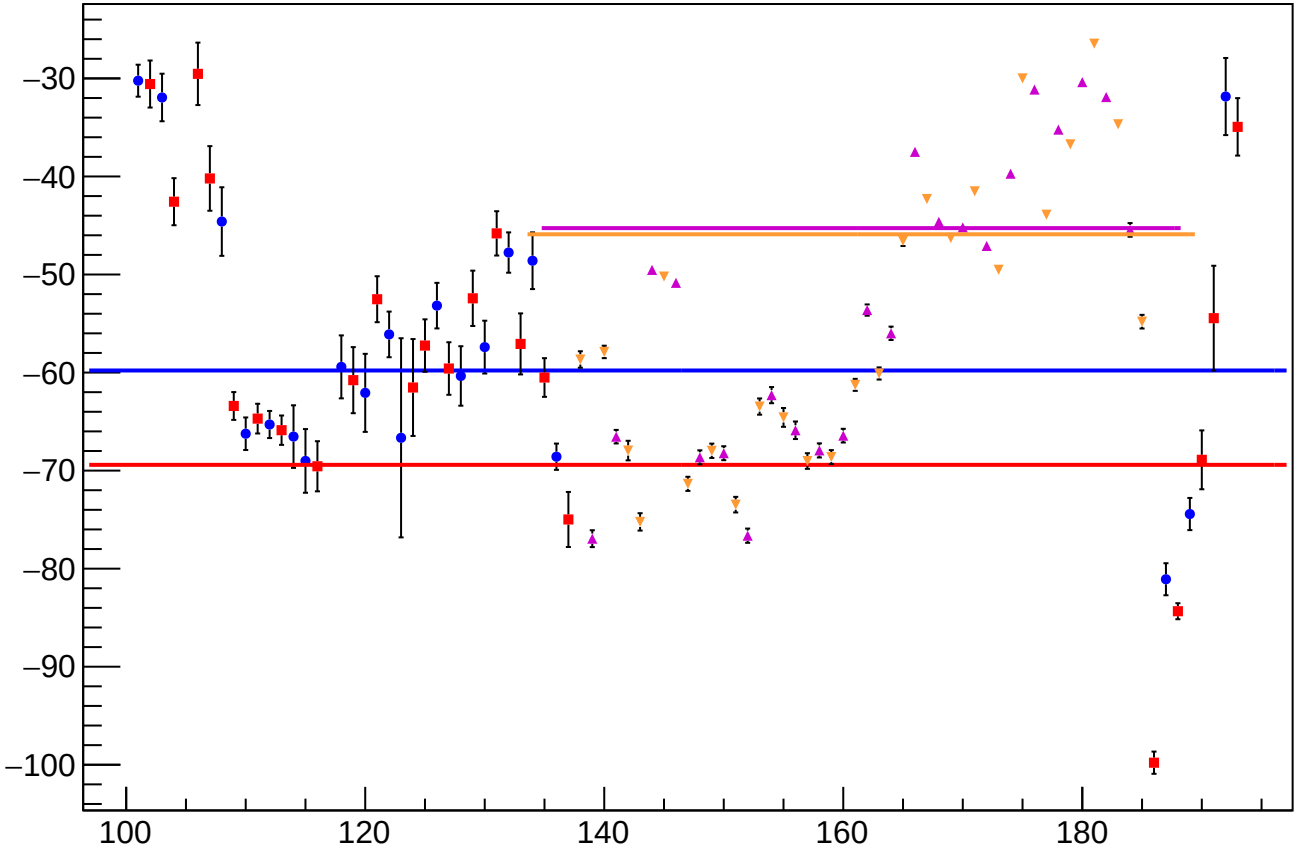
Right: 3.760+/-0.214 χ^2/NDF: 345.3/42

In: 6.260+/-0.083 χ^2/NDF:4178.4/42

Out: 6.314+/-0.082 χ^2/NDF:5242.9/47

All: 6.287+/-0.058 χ^2/NDF: 9421.6/90

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.789+/-0.487 χ^2/NDF: 927.0/19

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -69.412+/-0.408 χ^2/NDF: 2136.4/22

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

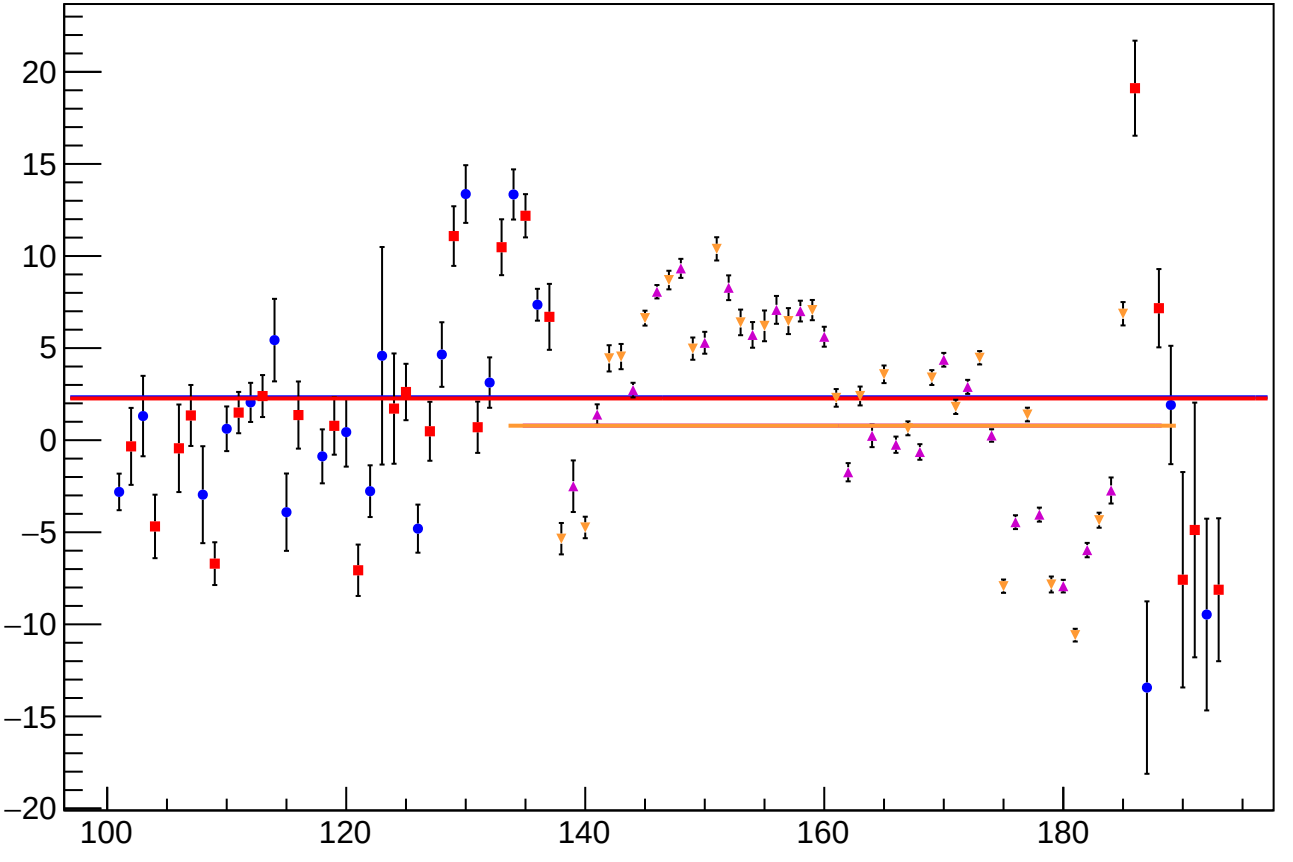
Right: -65.445+/-0.313 χ^2/NDF: 3292.8/42

In: -45.934+/-0.104 χ^2/NDF:17550.9/42

Out: -47.394+/-0.103 χ^2/NDF:22382.3/47

All: -46.674+/-0.073 χ^2/NDF: 40032.6/90

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.330+/-0.342 χ^2/NDF: 260.2/19

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.266+/-0.345 χ^2/NDF: 323.4/22

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

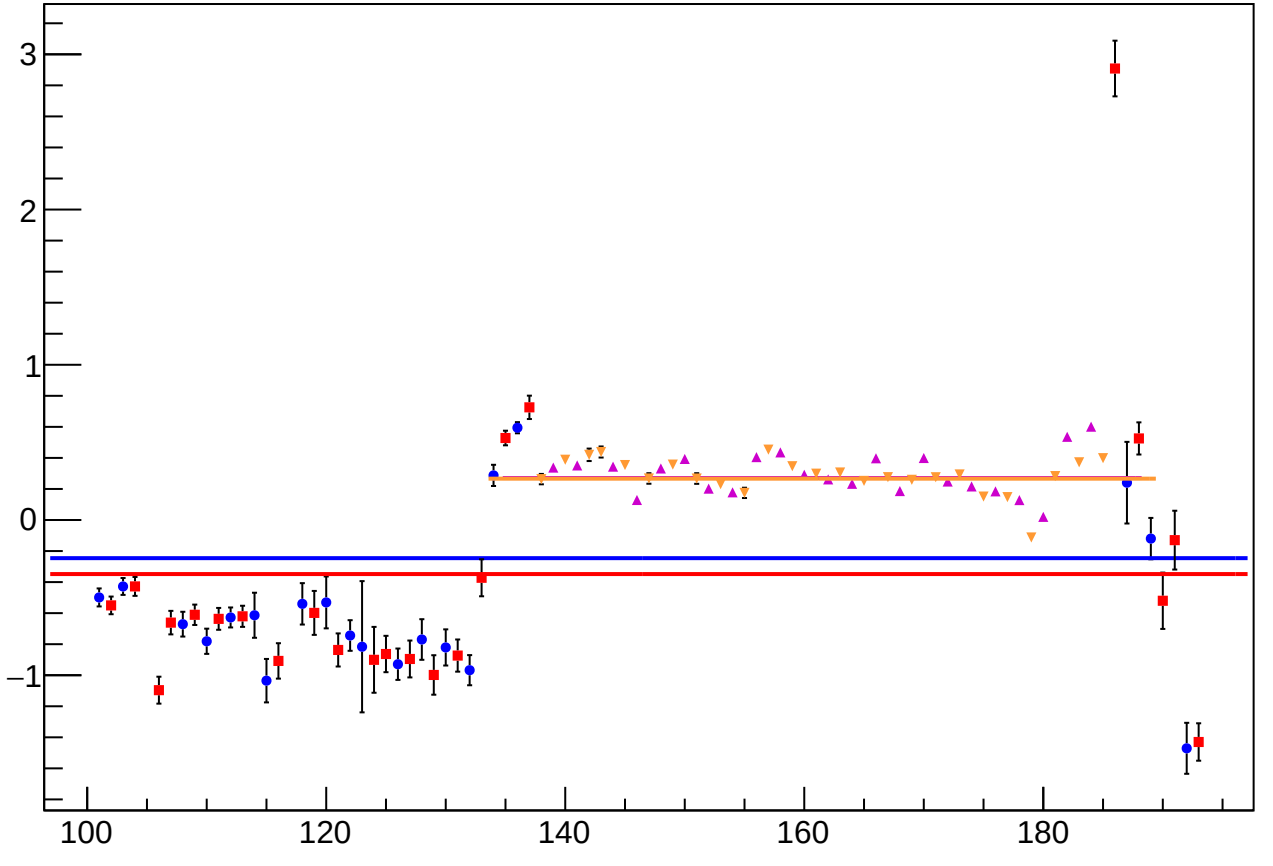
Right: 2.298+/-0.243 χ^2/NDF: 583.7/42

In: 0.904+/-0.093 χ^2/NDF:2976.7/42

Out: 0.892+/-0.092 χ^2/NDF:4087.3/47

All: 0.898+/-0.065 χ^2/NDF: 7064.0/90

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.246+/-0.019 χ^2/NDF: 1018.7/19

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.348+/-0.018 χ^2/NDF: 1335.2/22

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

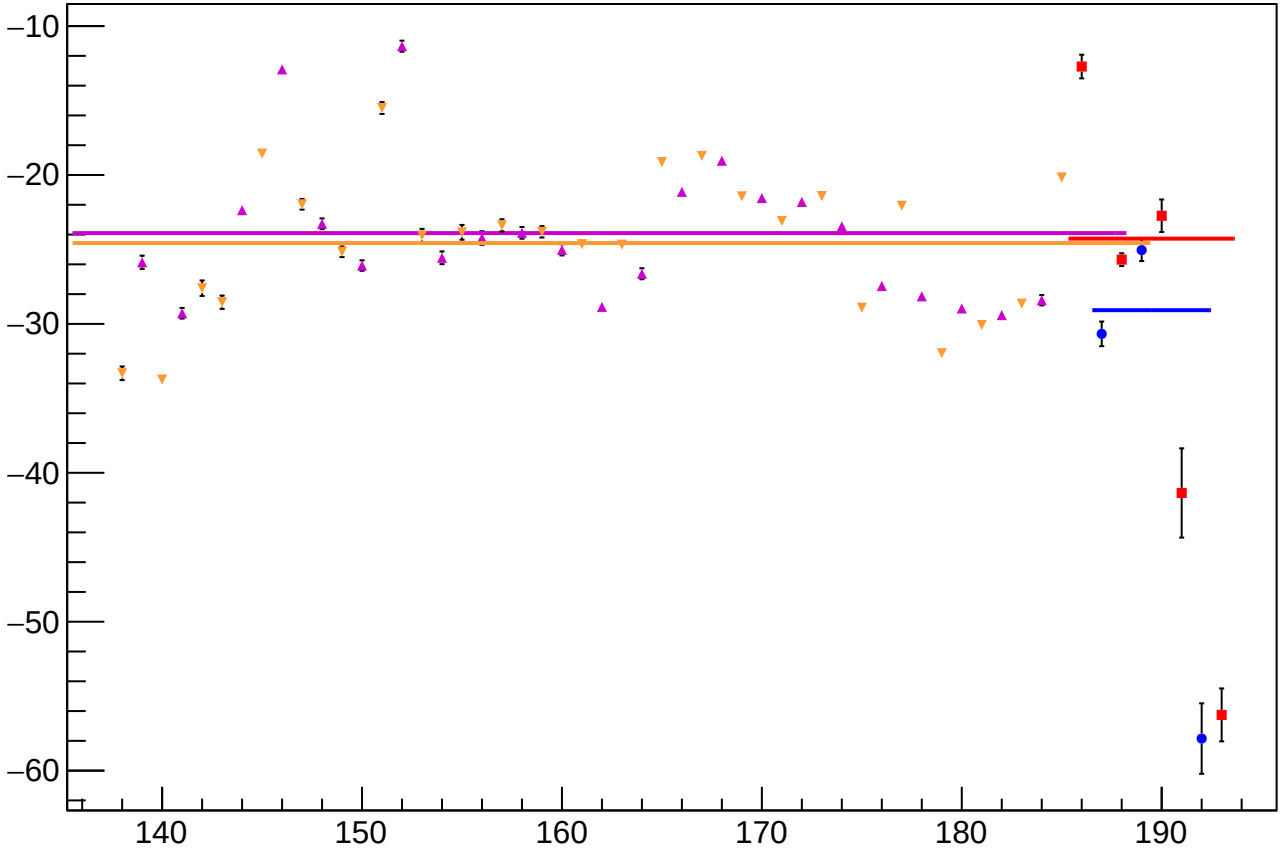
Right: -0.298+/-0.013 χ^2/NDF: 2369.5/42

In: 0.243+/-0.004 χ^2/NDF:2727.4/42

Out: 0.233+/-0.004 χ^2/NDF:3112.3/47

All: 0.238+/-0.003 χ^2/NDF: 5842.3/90

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.079+/-0.535 χ^2/NDF: 181.6/2

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -24.273+/-0.348 χ^2/NDF: 580.8/4

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

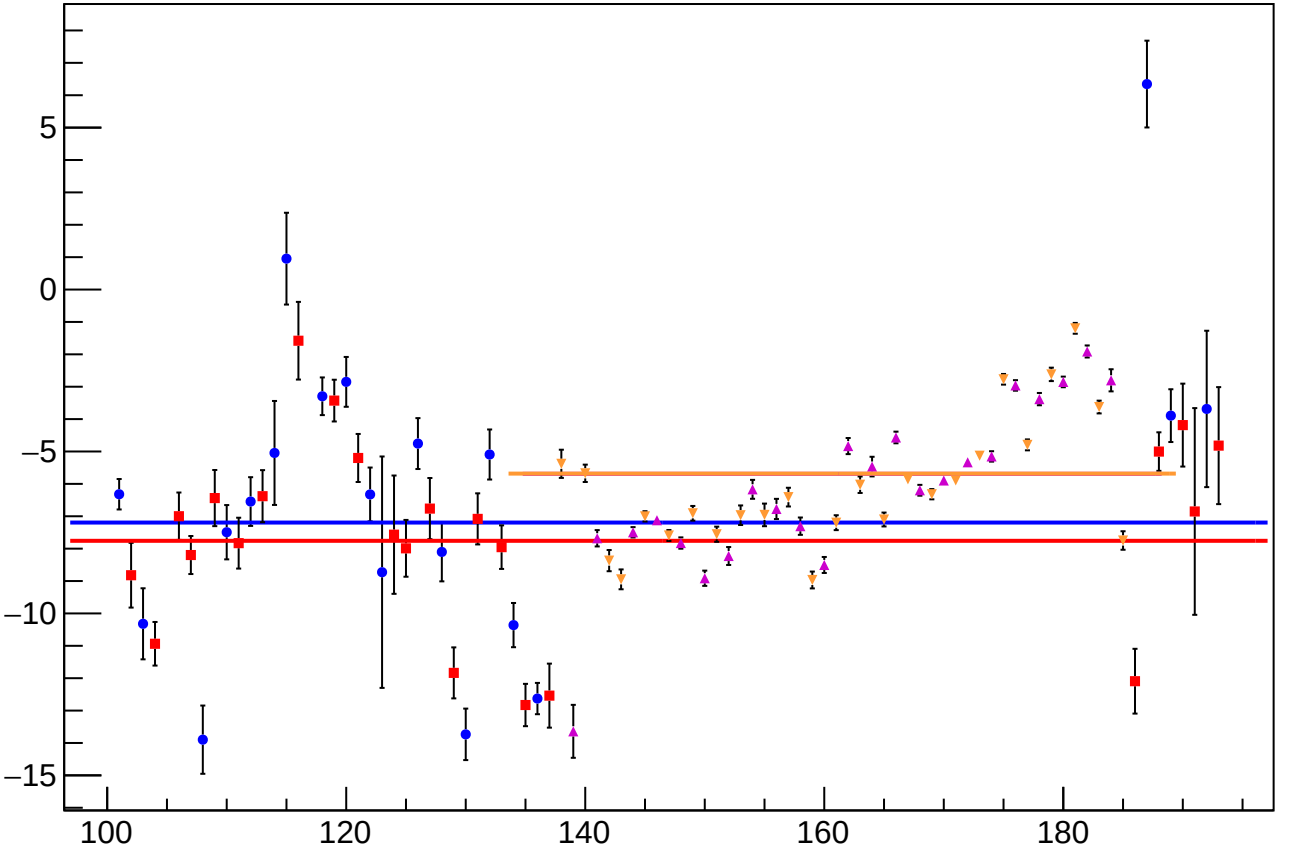
Right: -25.702+/-0.292 χ^2/NDF: 819.1/7

In: -23.948+/-0.051 χ^2/NDF:9433.2/25

Out: -24.565+/-0.050 χ^2/NDF:9191.5/29

All: -24.258+/-0.036 χ^2/NDF: 18699.1/55

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.194+/-0.179 χ^2/NDF: 520.2/19

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.758+/-0.172 χ^2/NDF: 277.1/22

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

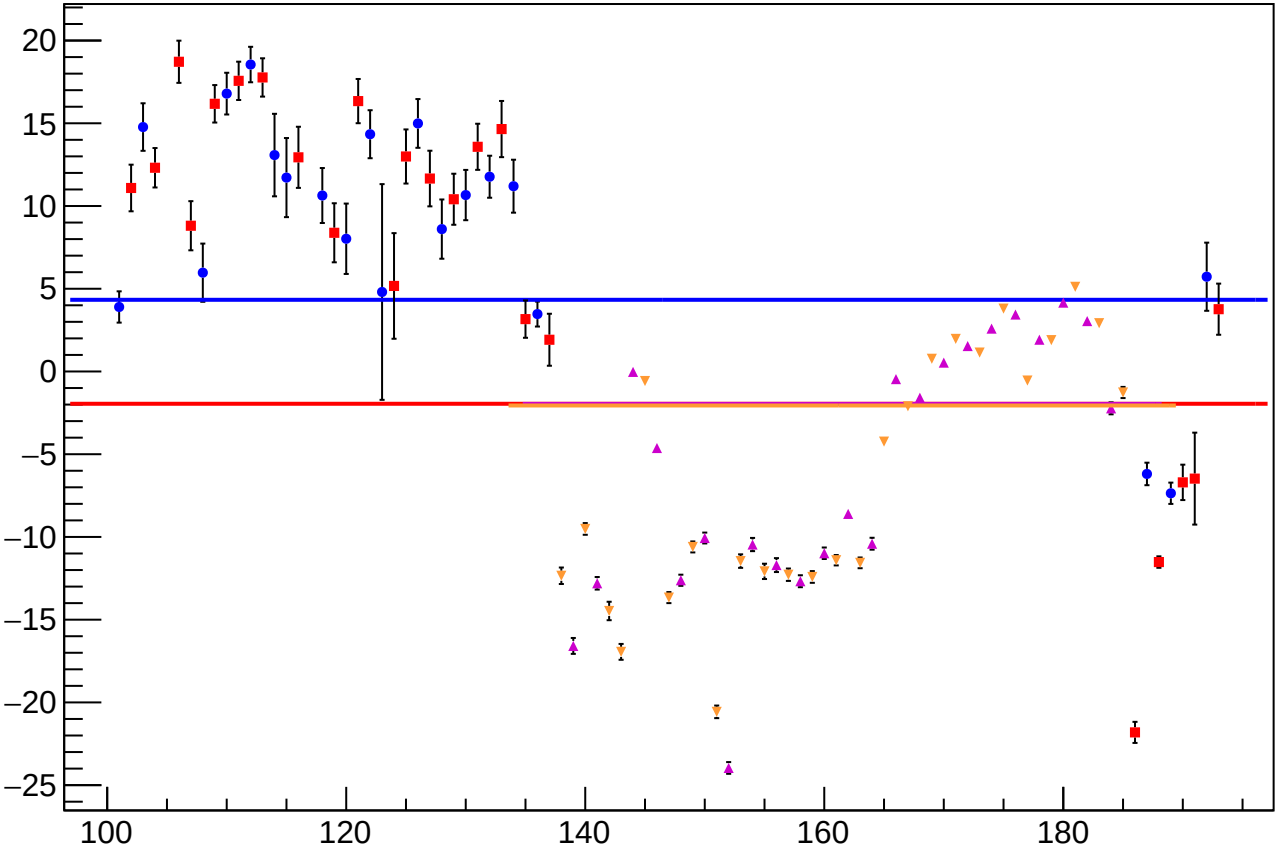
Right: -7.487+/-0.124 χ^2/NDF: 802.4/42

In: -5.764+/-0.040 χ^2/NDF:2915.7/42

Out: -5.795+/-0.040 χ^2/NDF:2645.5/47

All: -5.779+/-0.028 χ^2/NDF: 5561.5/90

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.332+/-0.271 χ^2/NDF: 1113.9/19

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.951+/-0.217 χ^2/NDF: 3897.1/22

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

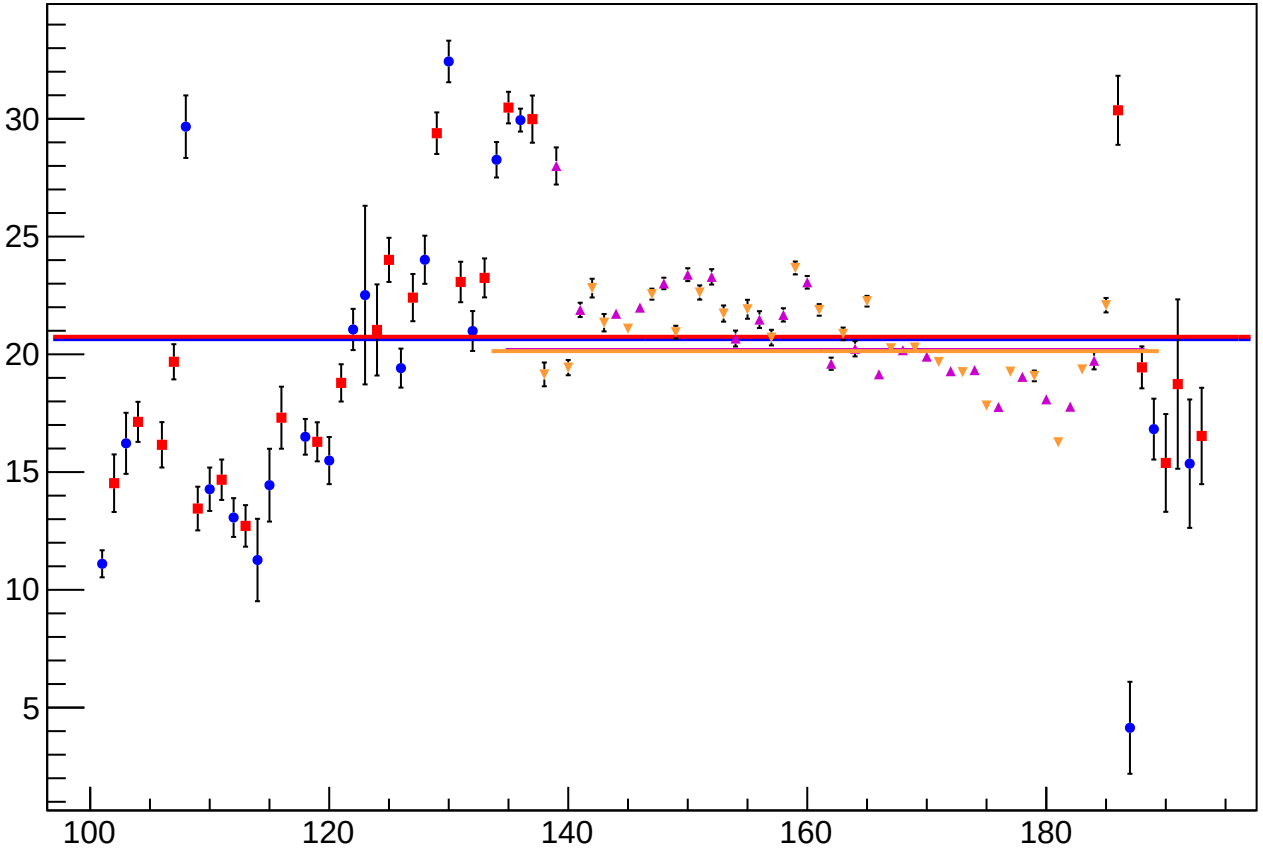
Right: 0.504+/-0.169 χ^2/NDF: 5338.8/42

In: -1.747+/-0.050 χ^2/NDF:17128.3/42

Out: -2.050+/-0.050 χ^2/NDF:19939.8/47

All: -1.899+/-0.035 χ^2/NDF: 37086.3/90

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.644+/-0.205 χ^2/NDF: 1311.7/19

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.745+/-0.203 χ^2/NDF: 784.7/22

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

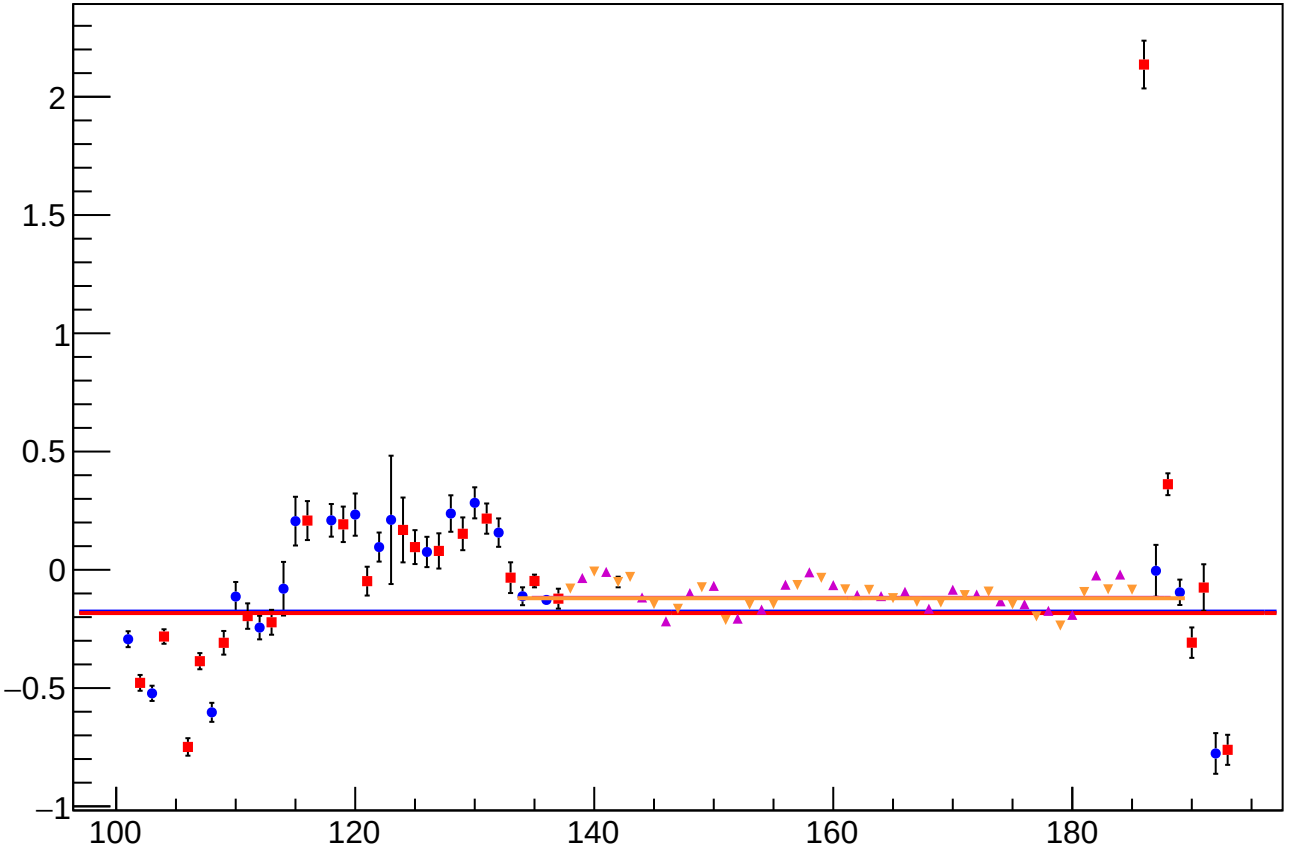
Right: 20.695+/-0.144 χ^2/NDF: 2096.5/42

In: 20.206+/-0.045 χ^2/NDF:2787.1/42

Out: 20.166+/-0.045 χ^2/NDF:2207.6/47

All: 20.186+/-0.032 χ^2/NDF: 4995.1/90

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.177+/-0.011 χ^2/NDF: 517.8/19

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.183+/-0.010 χ^2/NDF: 1301.9/22

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

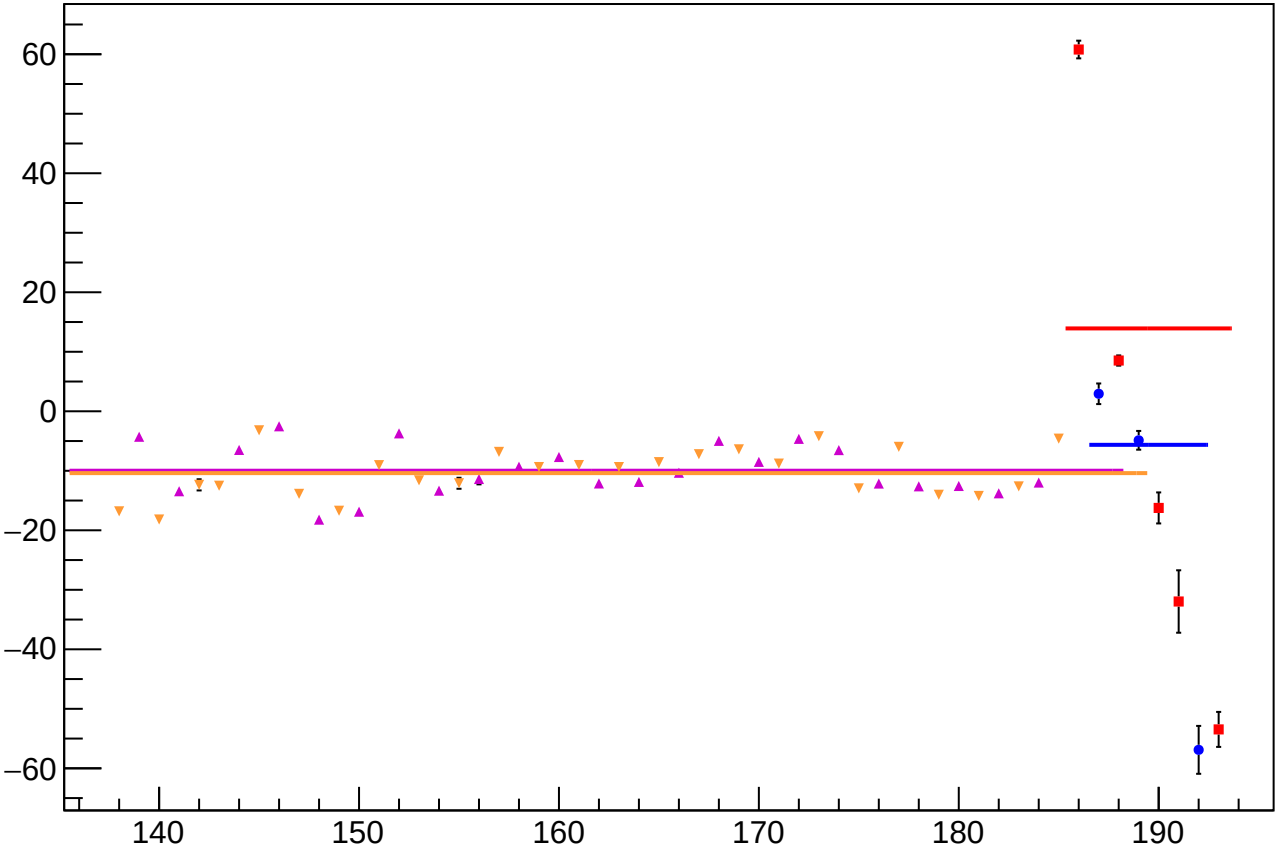
Right: -0.180+/-0.007 χ^2/NDF: 1819.9/42

In: -0.121+/-0.002 χ^2/NDF:1273.1/42

Out: -0.123+/-0.002 χ^2/NDF:1870.1/47

All: -0.122+/-0.001 χ^2/NDF: 3143.7/90

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.638+/-1.120 χ^2/NDF: 187.0/2

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 13.924+/-0.689 χ^2/NDF: 1768.9/4

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

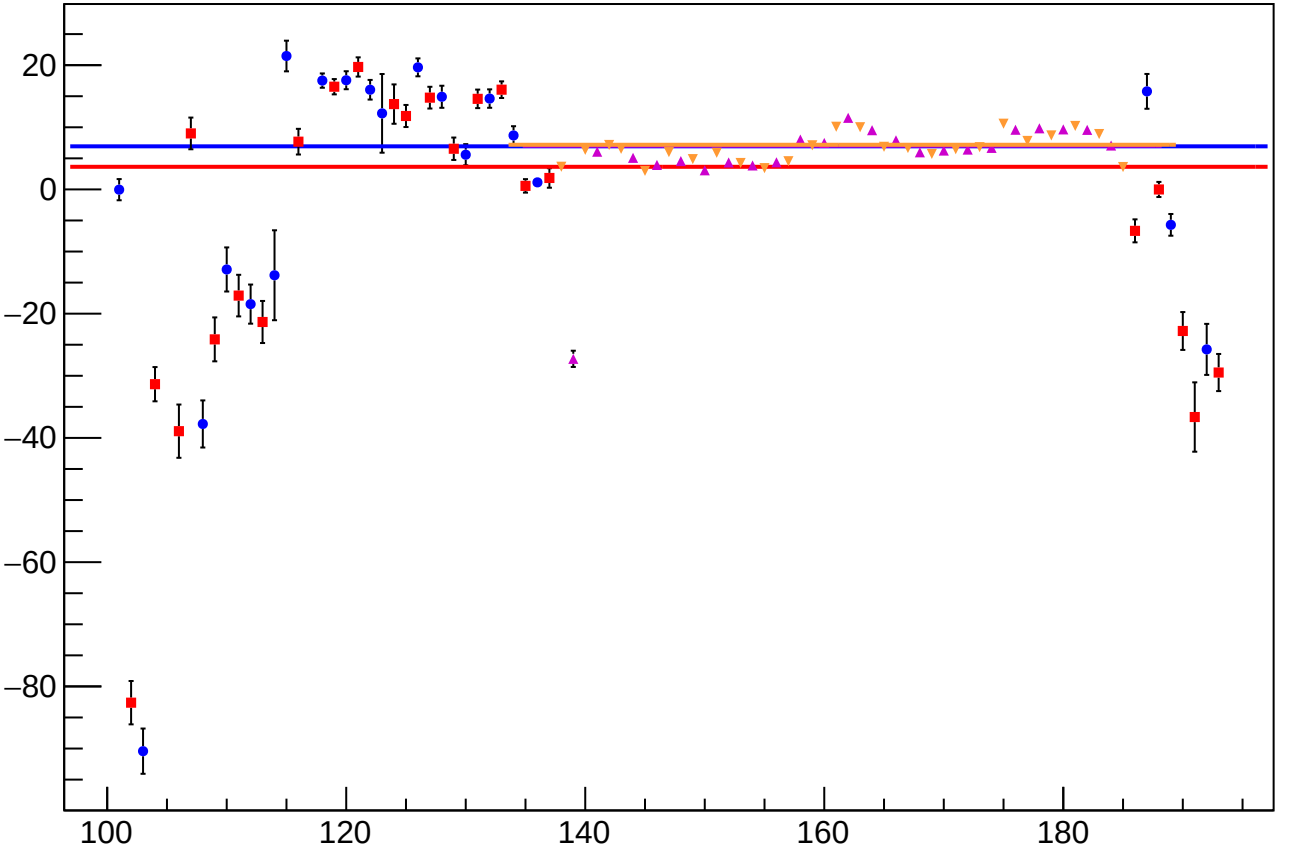
Right: 8.551+/-0.587 χ^2/NDF: 2177.3/7

In: -9.962+/-0.089 χ^2/NDF:1996.2/25

Out: -10.002+/-0.087 χ^2/NDF:5107.0/29

All: -9.983+/-0.062 χ^2/NDF: 7103.3/55

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.934+/-0.387 χ^2/NDF: 1488.0/19

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 3.639+/-0.392 χ^2/NDF: 1764.1/22

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

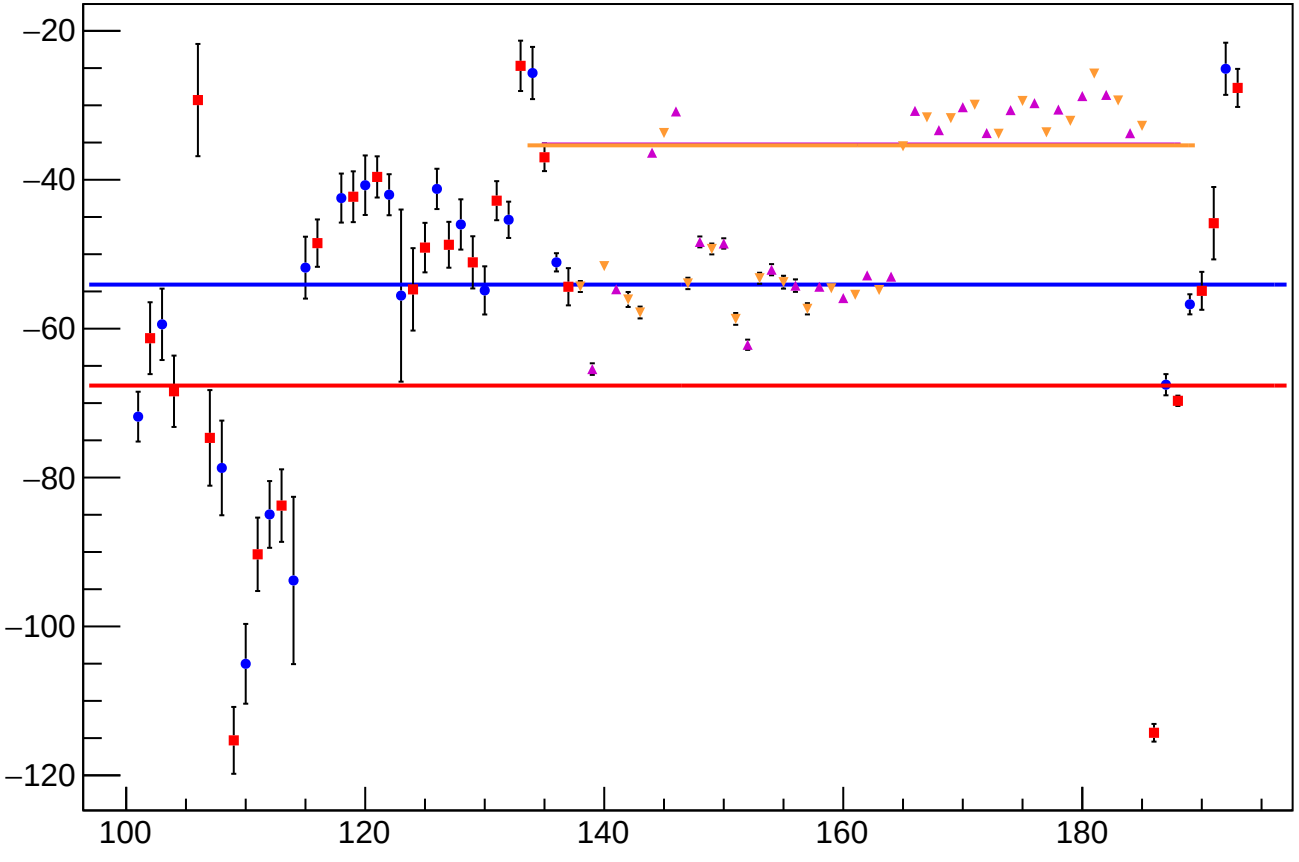
Right: 5.307+/-0.275 χ^2/NDF: 3287.9/42

In: 7.039+/-0.073 χ^2/NDF:3092.6/42

Out: 7.066+/-0.072 χ^2/NDF:2759.6/47

All: 7.053+/-0.051 χ^2/NDF: 5852.3/90

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.081+/-0.581 χ^2/NDF: 512.0/19

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -67.644+/-0.461 χ^2/NDF: 2855.1/22

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

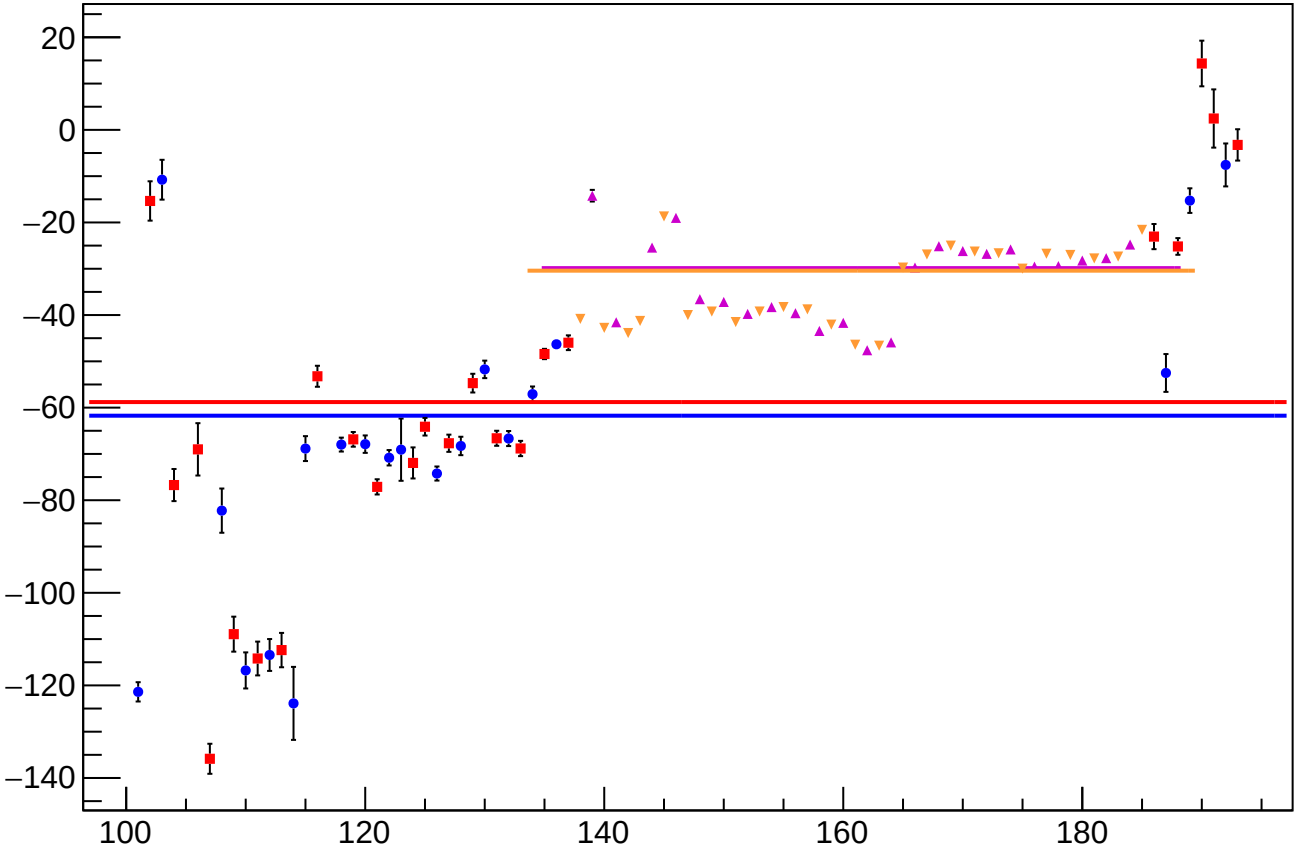
Right: -62.410+/-0.361 χ^2/NDF: 3701.7/42

In: -35.699+/-0.089 χ^2/NDF:13305.9/42

Out: -36.540+/-0.087 χ^2/NDF:20212.5/47

All: -36.125+/-0.062 χ^2/NDF: 33563.9/90

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.741+/-0.435 χ^2/NDF: 2480.4/19

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -58.798+/-0.452 χ^2/NDF: 2836.1/22

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

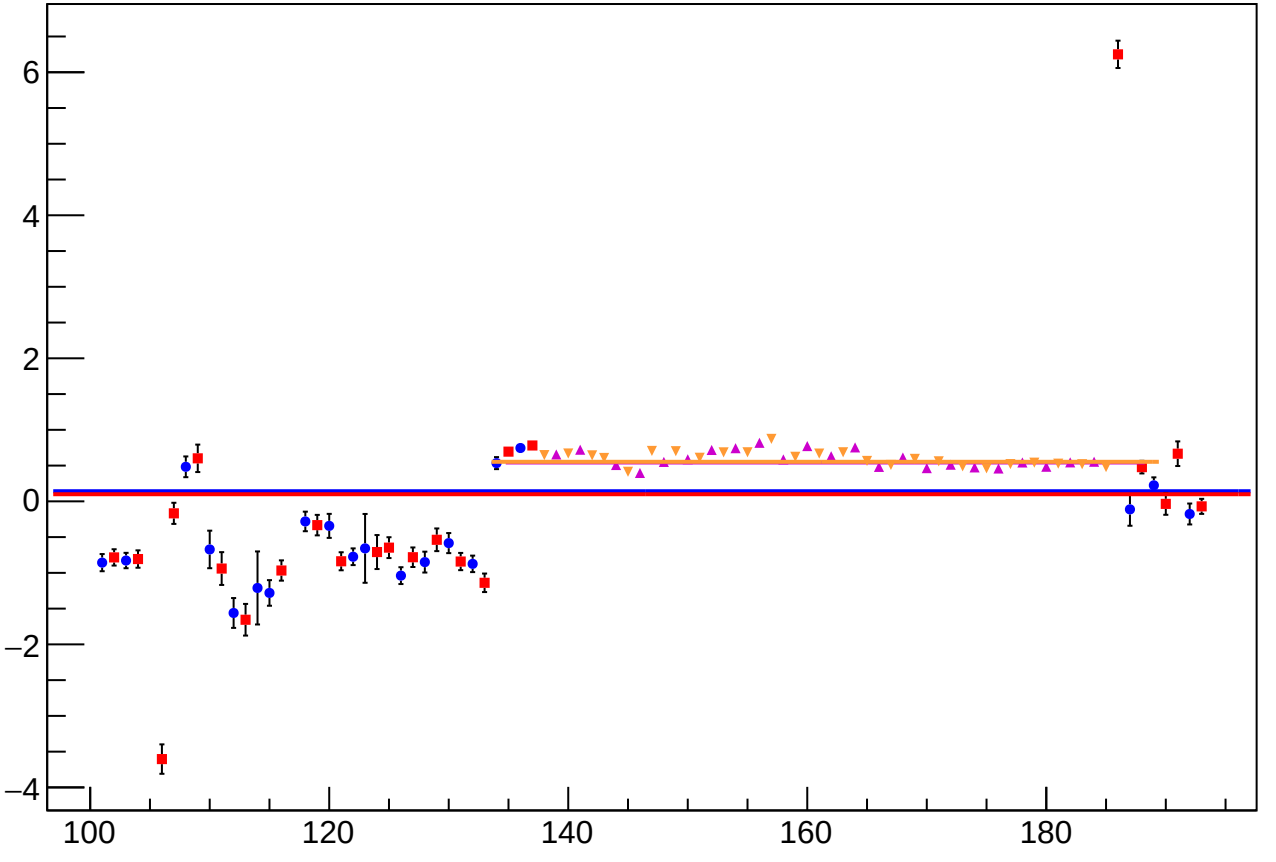
Right: -60.328+/-0.313 χ^2/NDF: 5338.5/42

In: -30.965+/-0.081 χ^2/NDF:14816.2/42

Out: -31.310+/-0.080 χ^2/NDF:14782.2/47

All: -31.139+/-0.057 χ^2/NDF: 29607.7/90

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.141+/-0.023 χ^2/NDF: 996.5/19

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.100+/-0.024 χ^2/NDF: 2251.4/22

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

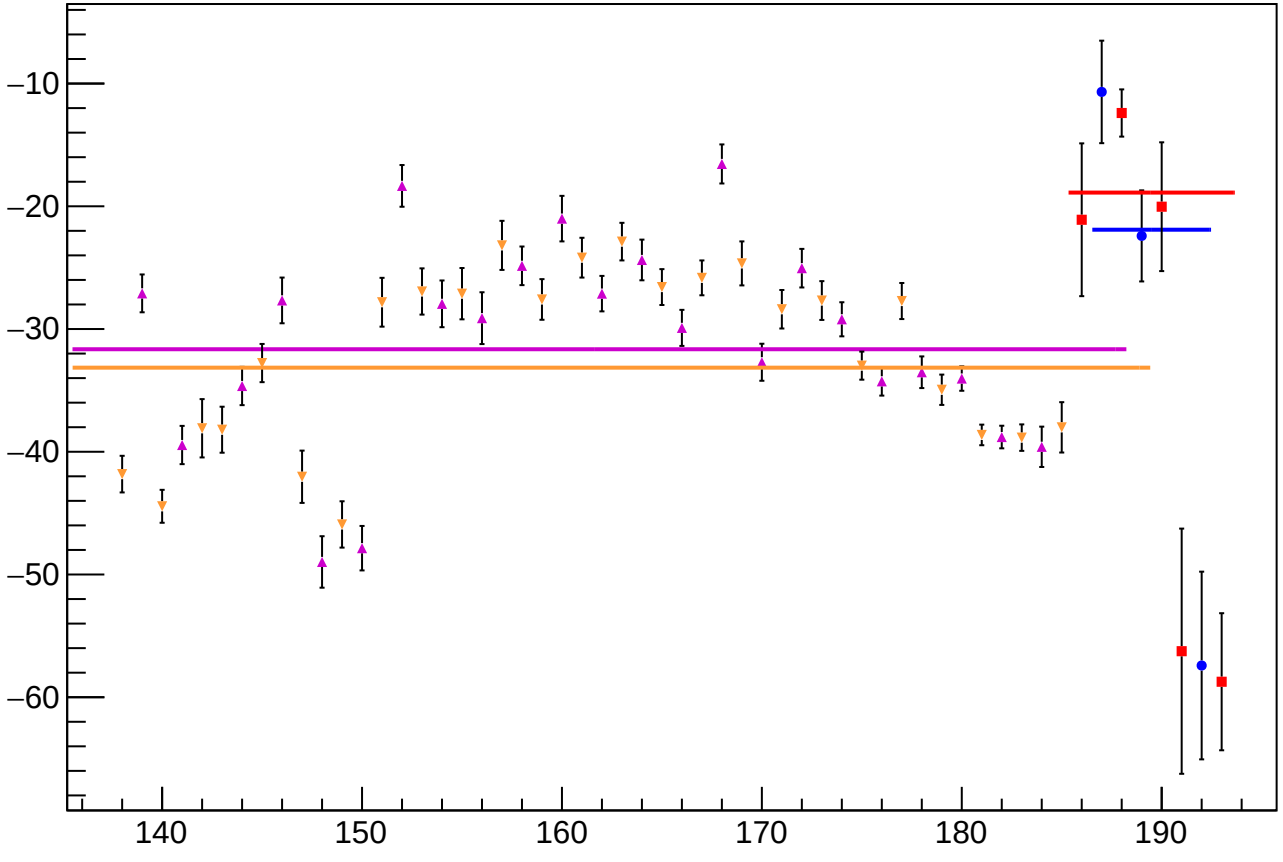
Right: 0.121+/-0.017 χ^2/NDF: 3249.5/42

In: 0.533+/-0.004 χ^2/NDF:1952.7/42

Out: 0.542+/-0.004 χ^2/NDF:3150.6/47

All: 0.538+/-0.003 χ^2/NDF: 5106.2/90

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.908+/-2.607 χ^2/NDF: 28.8/2

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -18.883+/-1.634 χ^2/NDF: 76.5/4

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

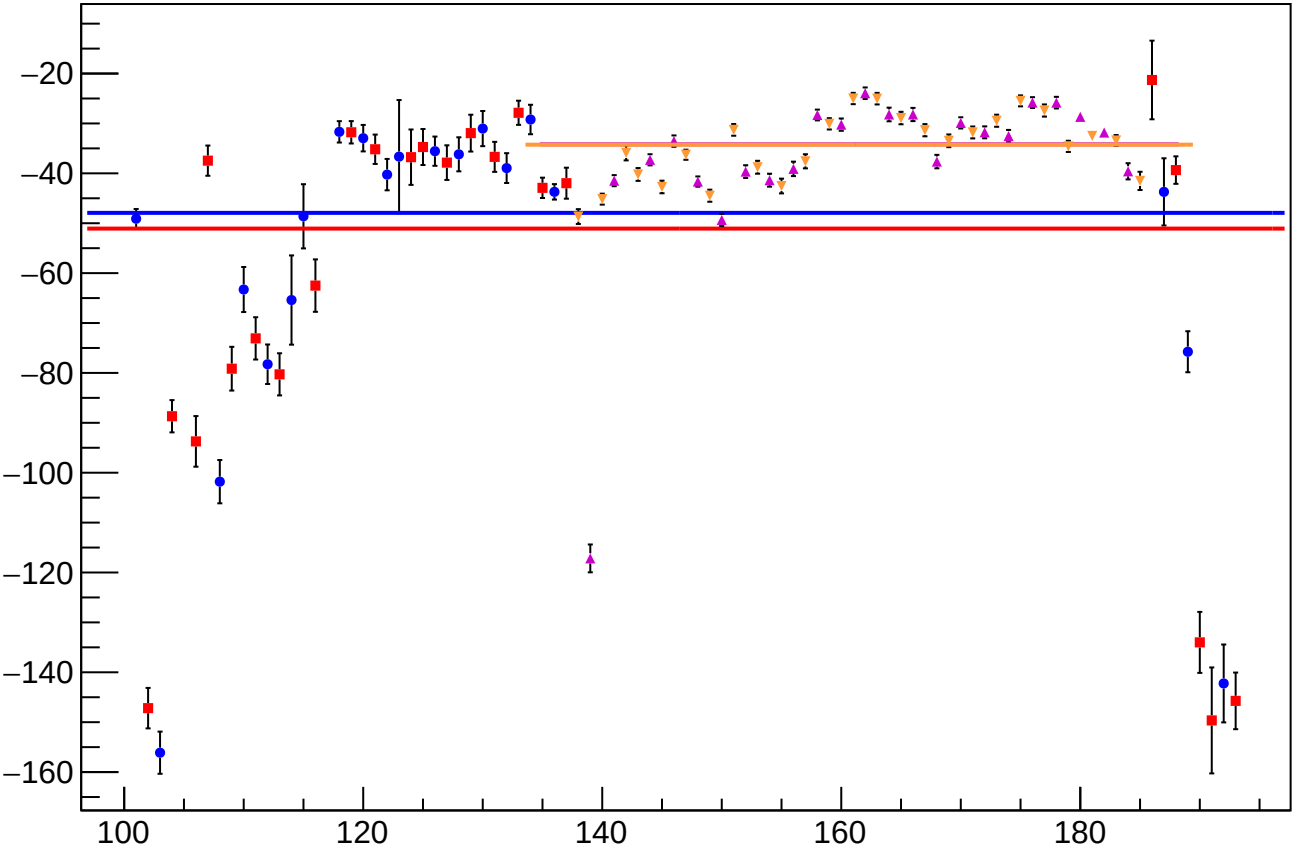
Right: -19.737+/-1.385 χ^2/NDF: 106.2/7

In: -31.513+/-0.305 χ^2/NDF:589.5/25

Out: -32.681+/-0.296 χ^2/NDF:650.1/29

All: -32.116+/-0.213 χ^2/NDF: 1247.1/55

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -47.922+/-0.705 χ^2/NDF: 1281.4/19

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -51.073+/-0.721 χ^2/NDF: 1800.8/22

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

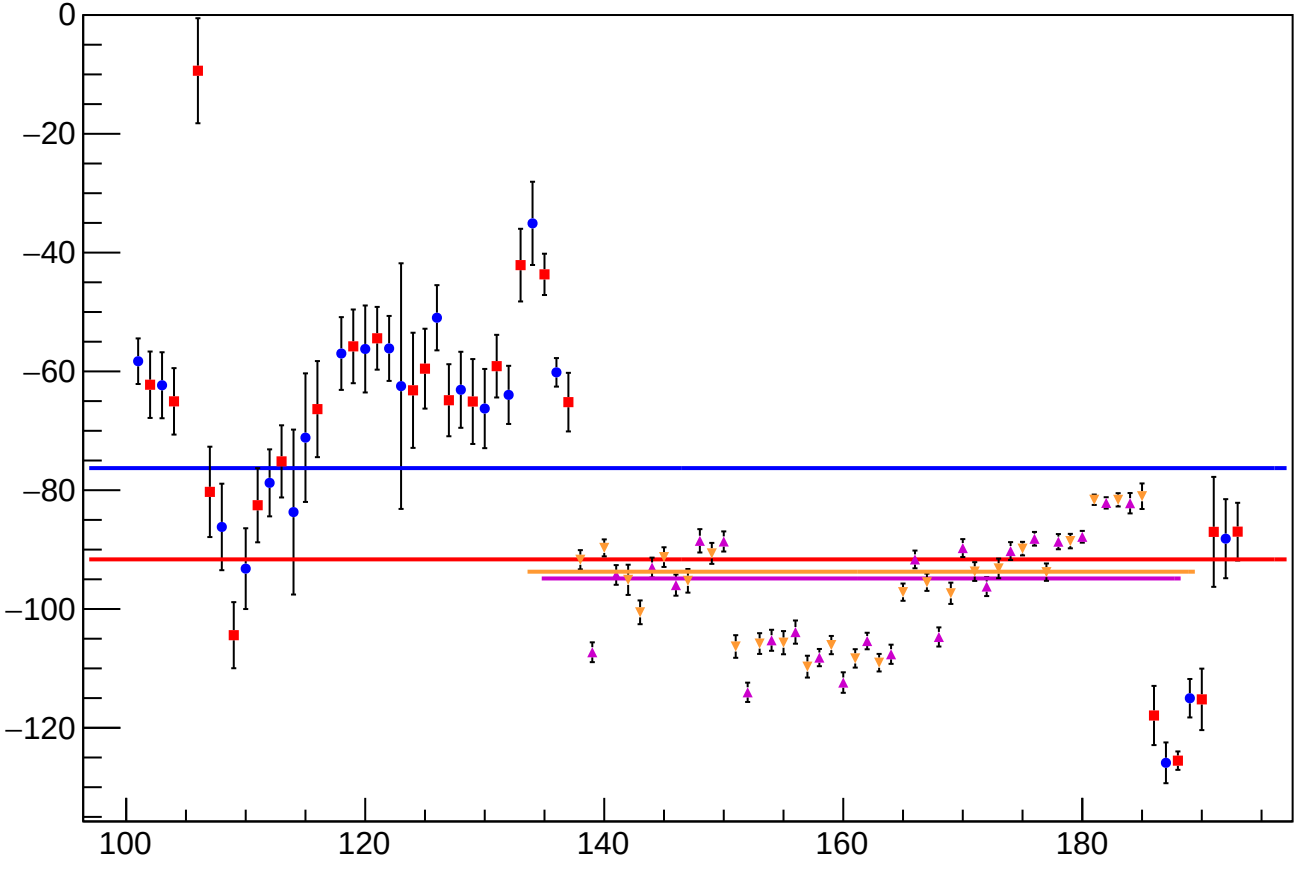
Right: -49.463+/-0.504 χ^2/NDF: 3091.9/42

In: -35.725+/-0.236 χ^2/NDF:3164.5/42

Out: -35.961+/-0.230 χ^2/NDF:2983.3/47

All: -35.846+/-0.164 χ^2/NDF: 6148.3/90

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.280+/-1.128 χ^2/NDF: 537.7/19

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.645+/-0.967 χ^2/NDF: 1161.5/22

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

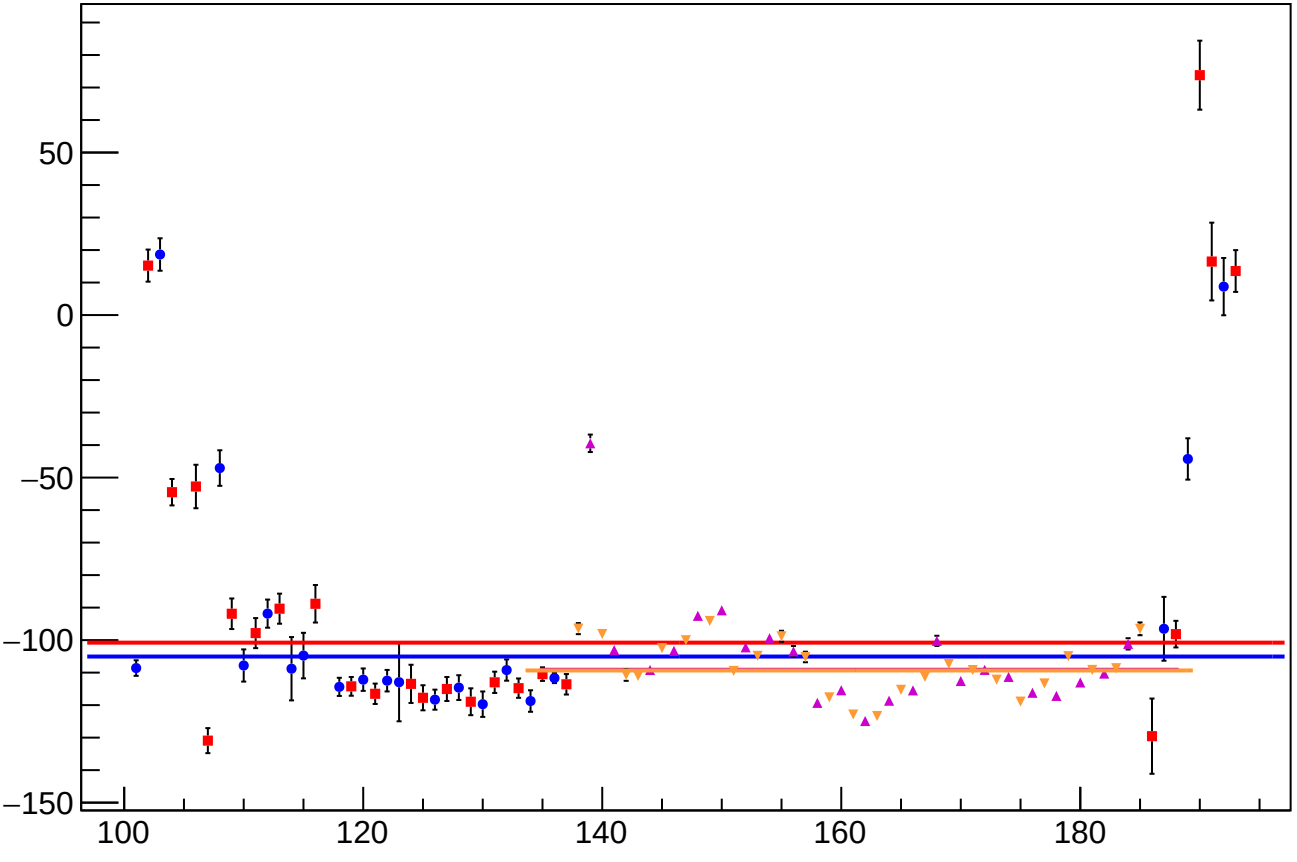
Right: -85.140+/-0.734 χ^2/NDF: 1806.1/42

In: -93.578+/-0.296 χ^2/NDF:1775.6/42

Out: -93.534+/-0.288 χ^2/NDF:2043.9/47

All: -93.555+/-0.207 χ^2/NDF: 3819.5/90

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.054+/-0.799 χ^2/NDF: 1093.4/19

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -100.779+/-0.829 χ^2/NDF: 1676.7/22

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

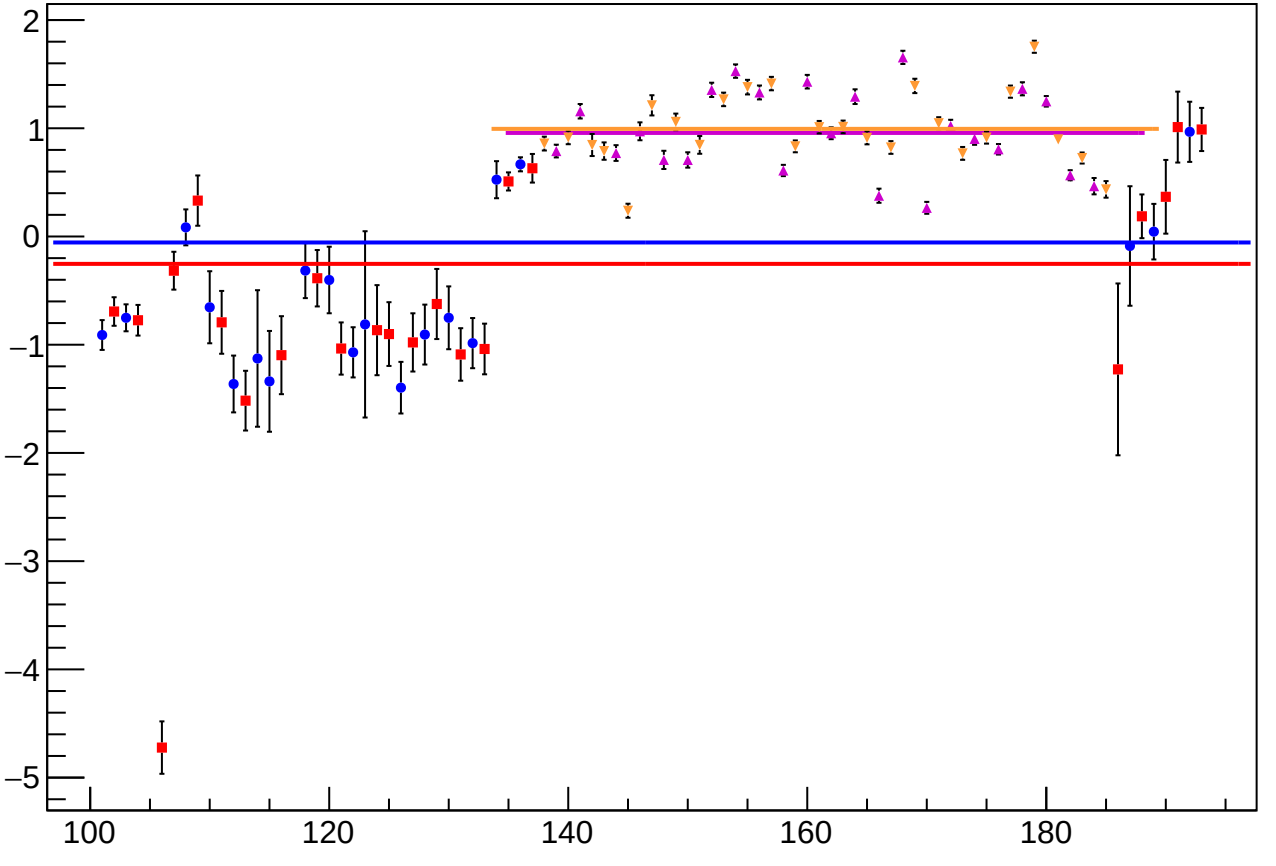
Right: -102.997+/-0.575 χ^2/NDF: 2783.9/42

In: -108.683+/-0.264 χ^2/NDF:2695.3/42

Out: -108.508+/-0.258 χ^2/NDF:2599.0/47

All: -108.594+/-0.184 χ^2/NDF: 5294.6/90

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.055+/-0.041 χ^2/NDF: 343.0/19

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.253+/-0.041 χ^2/NDF: 641.9/22

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

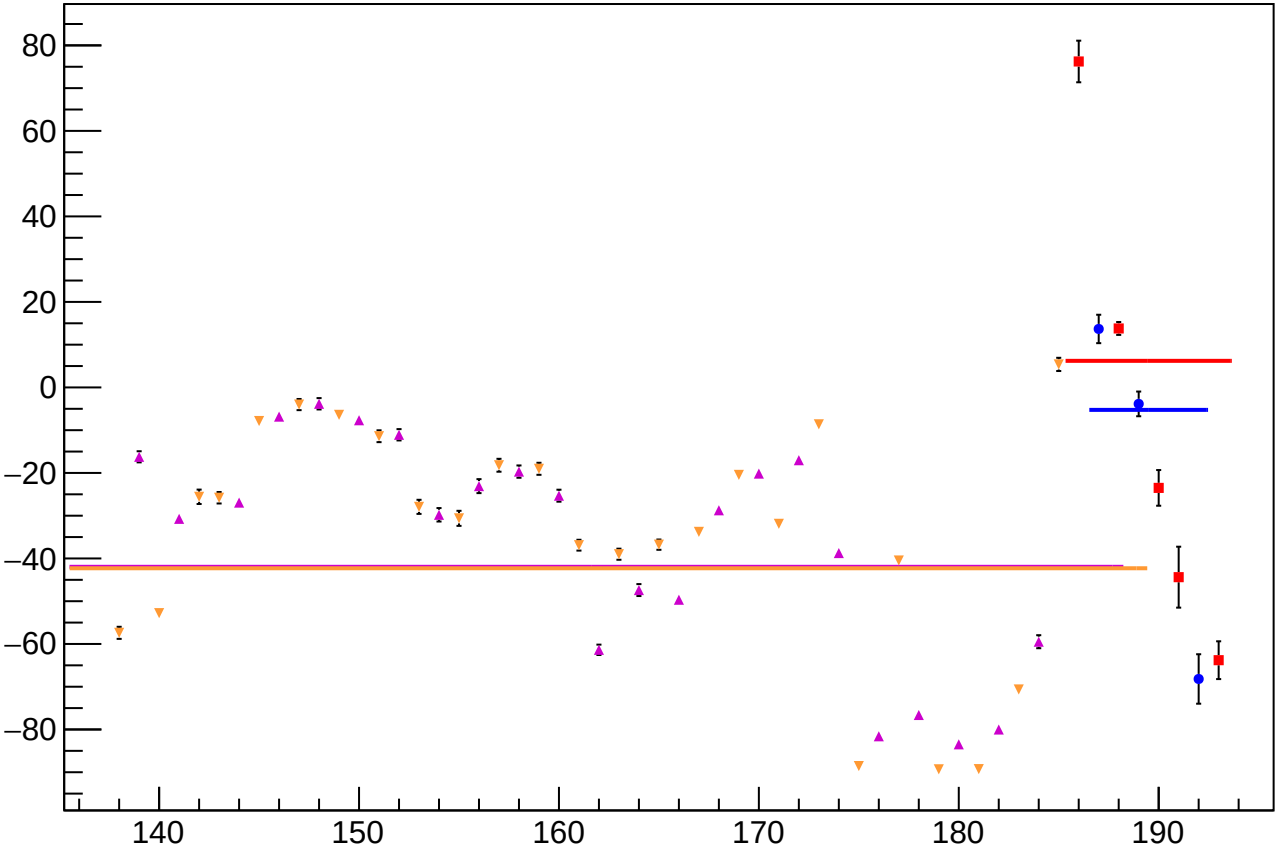
Right: -0.153+/-0.029 χ^2/NDF: 996.4/42

In: 0.870+/-0.012 χ^2/NDF:1795.4/42

Out: 0.891+/-0.012 χ^2/NDF:2112.4/47

All: 0.880+/-0.008 χ^2/NDF: 3909.4/90

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.252+/-2.040 χ^2/NDF: 151.1/2

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: 6.218+/-1.280 χ^2/NDF: 584.3/4

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

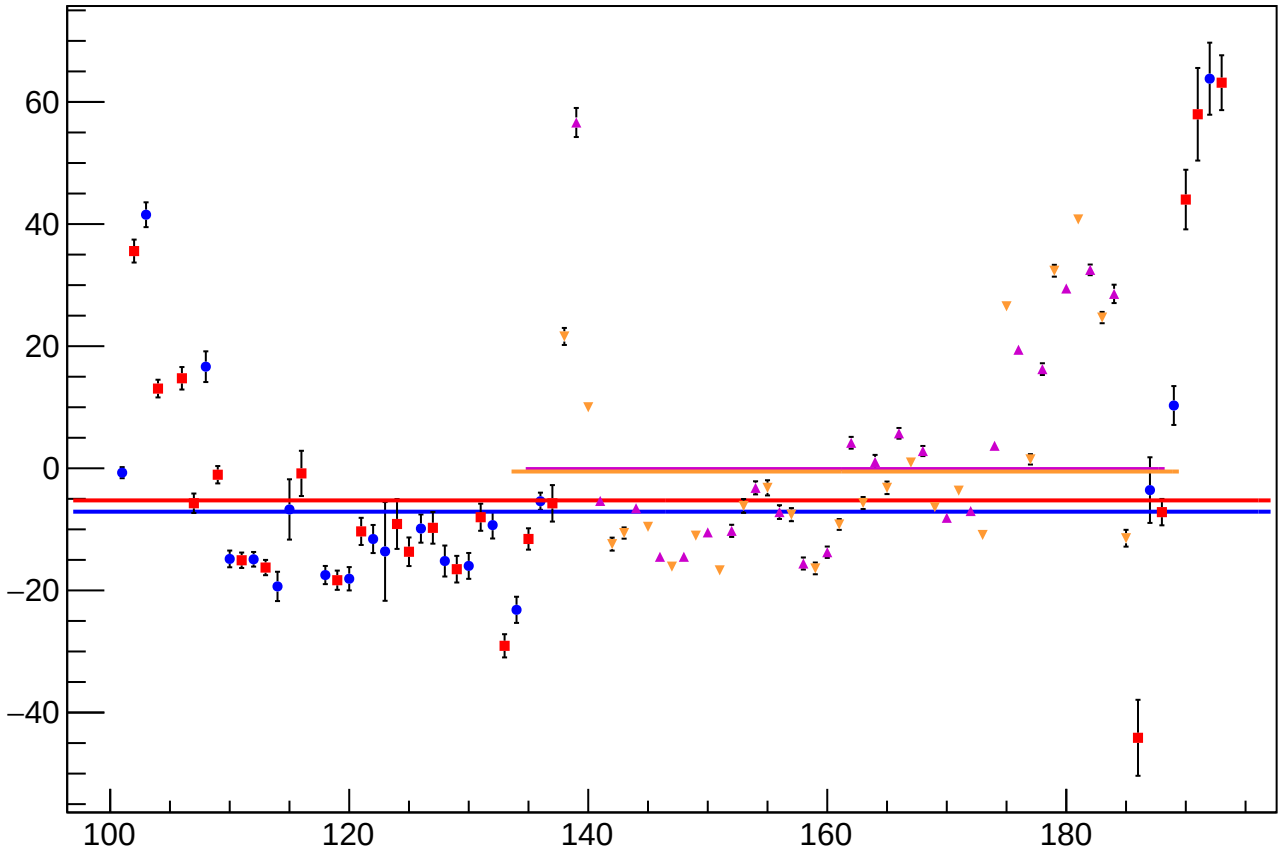
Right: 2.979+/-1.084 χ^2/NDF: 758.1/7

In: -41.511+/-0.225 χ^2/NDF:15194.2/25

Out: -40.873+/-0.219 χ^2/NDF:20246.4/29

All: -41.184+/-0.157 χ^2/NDF: 35444.7/55

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.105+/-0.421 χ^2/NDF: 1160.2/19

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -5.256+/-0.417 χ^2/NDF: 1630.2/22

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

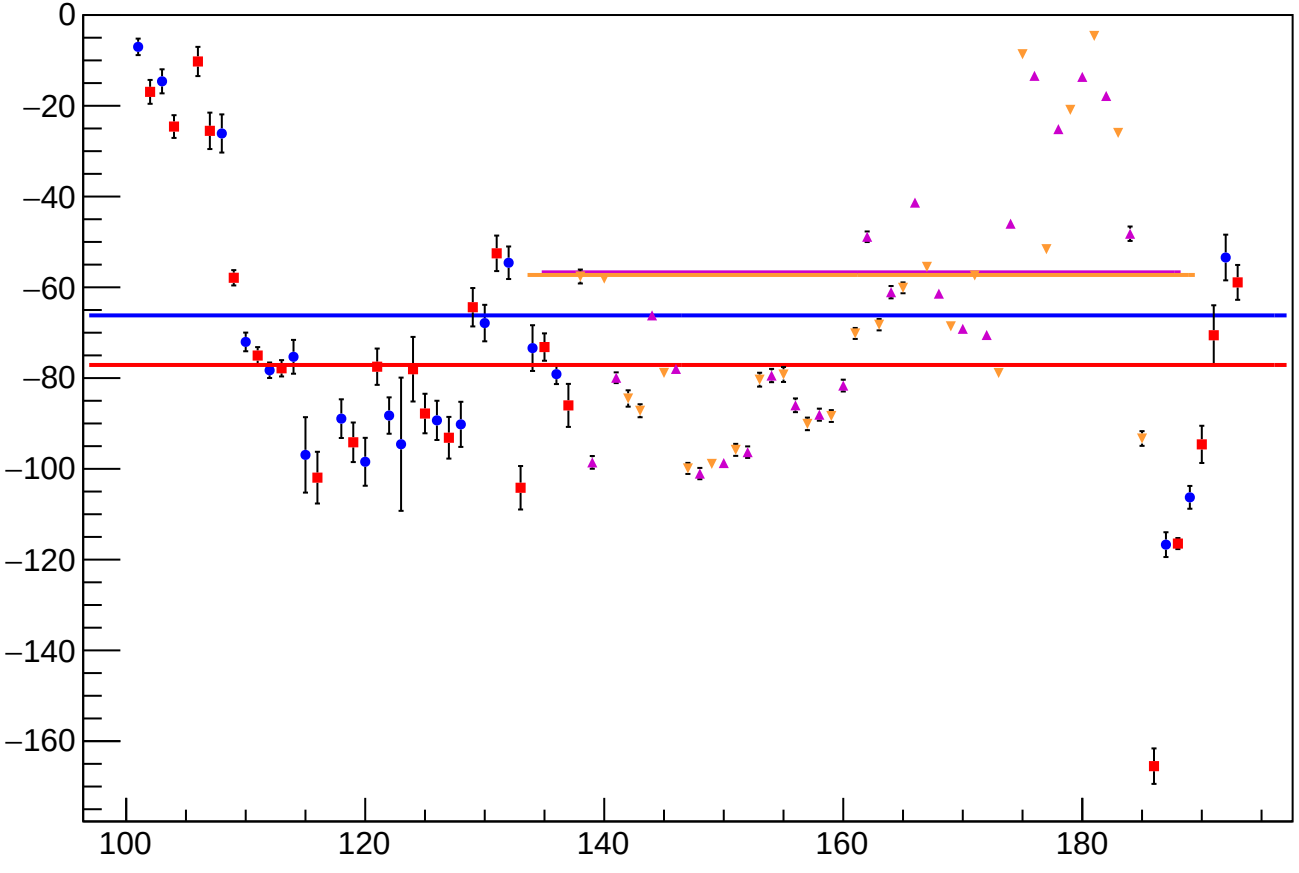
Right: -6.171+/-0.296 χ^2/NDF: 2800.1/42

In: -1.189+/-0.164 χ^2/NDF:8318.1/42

Out: -1.234+/-0.161 χ^2/NDF:10447.5/47

All: -1.212+/-0.115 χ^2/NDF: 18765.6/90

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.188+/-0.684 χ^2/NDF: 2410.9/19

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -77.110+/-0.589 χ^2/NDF: 3425.2/22

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

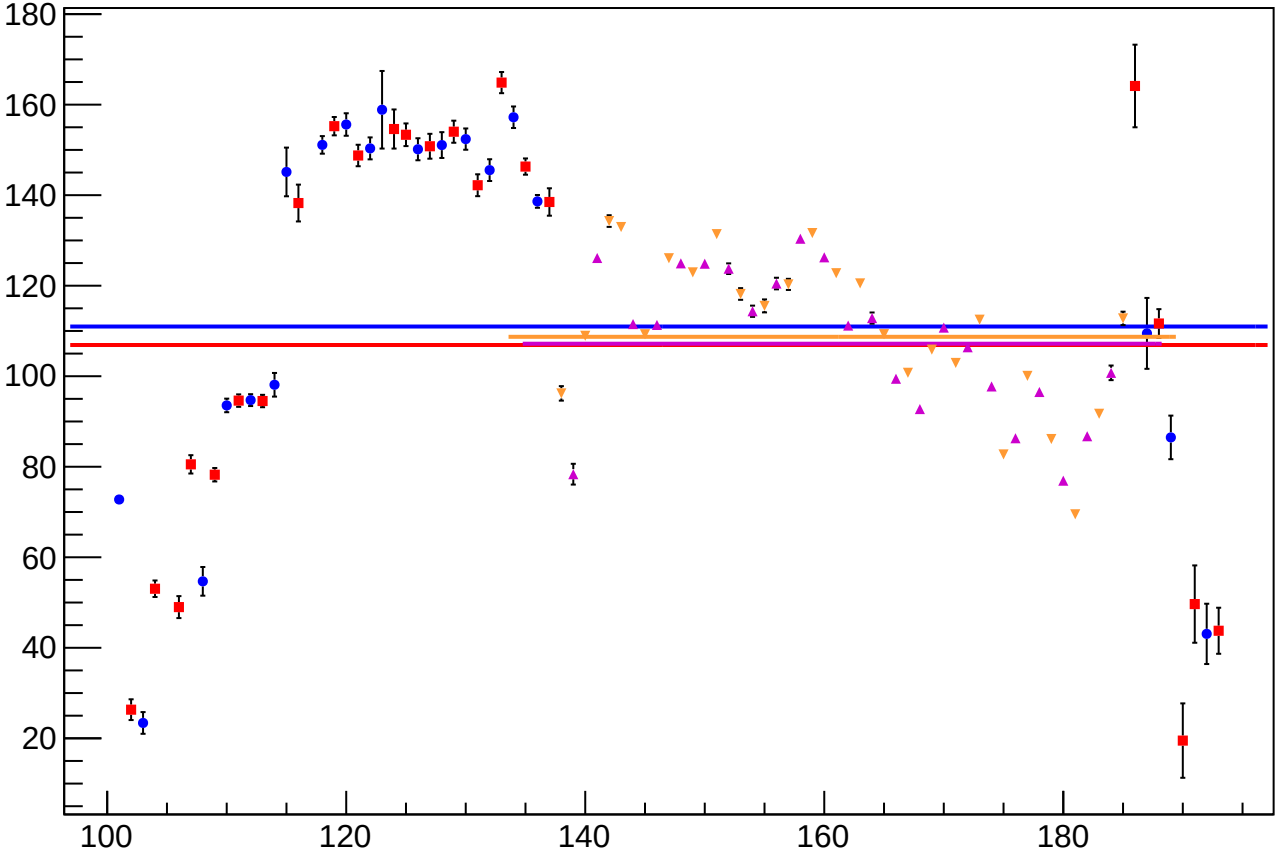
Right: -72.460+/-0.446 χ^2/NDF: 5982.6/42

In: -57.639+/-0.215 χ^2/NDF:19131.8/42

Out: -59.776+/-0.209 χ^2/NDF:22928.5/47

All: -58.736+/-0.150 χ^2/NDF: 42111.2/90

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 110.980+/-0.482 χ^2/NDF: 6090.9/19

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 106.897+/-0.479 χ^2/NDF: 7185.1/22

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

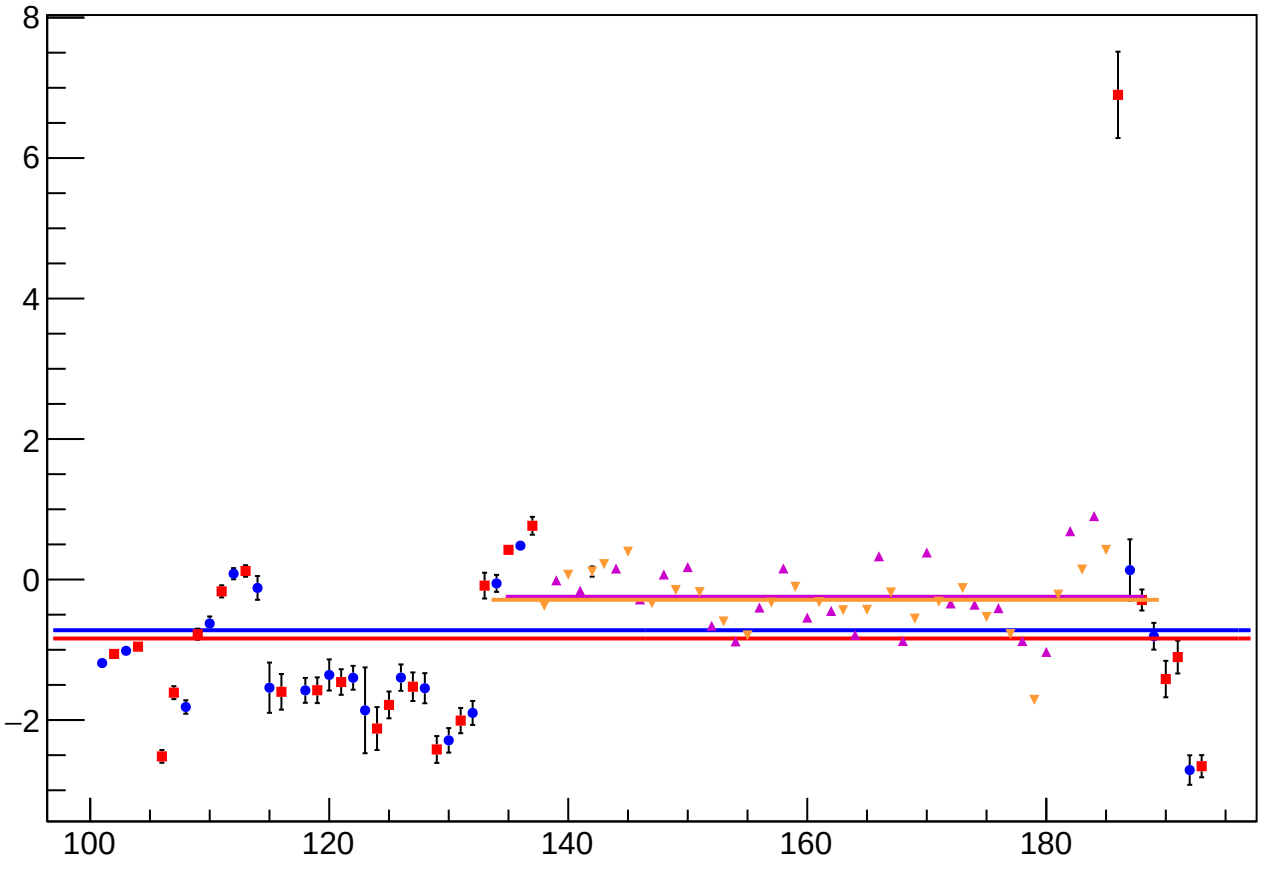
Right: 108.925+/-0.340 χ^2/NDF: 13312.1/42

In: 107.746+/-0.186 χ^2/NDF:11736.2/42

Out: 108.445+/-0.183 χ^2/NDF:14494.3/47

All: 108.102+/-0.130 χ^2/NDF: 26237.6/90

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.722+/-0.025 χ^2/NDF: 1088.0/19

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.839+/-0.024 χ^2/NDF: 1621.7/22

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

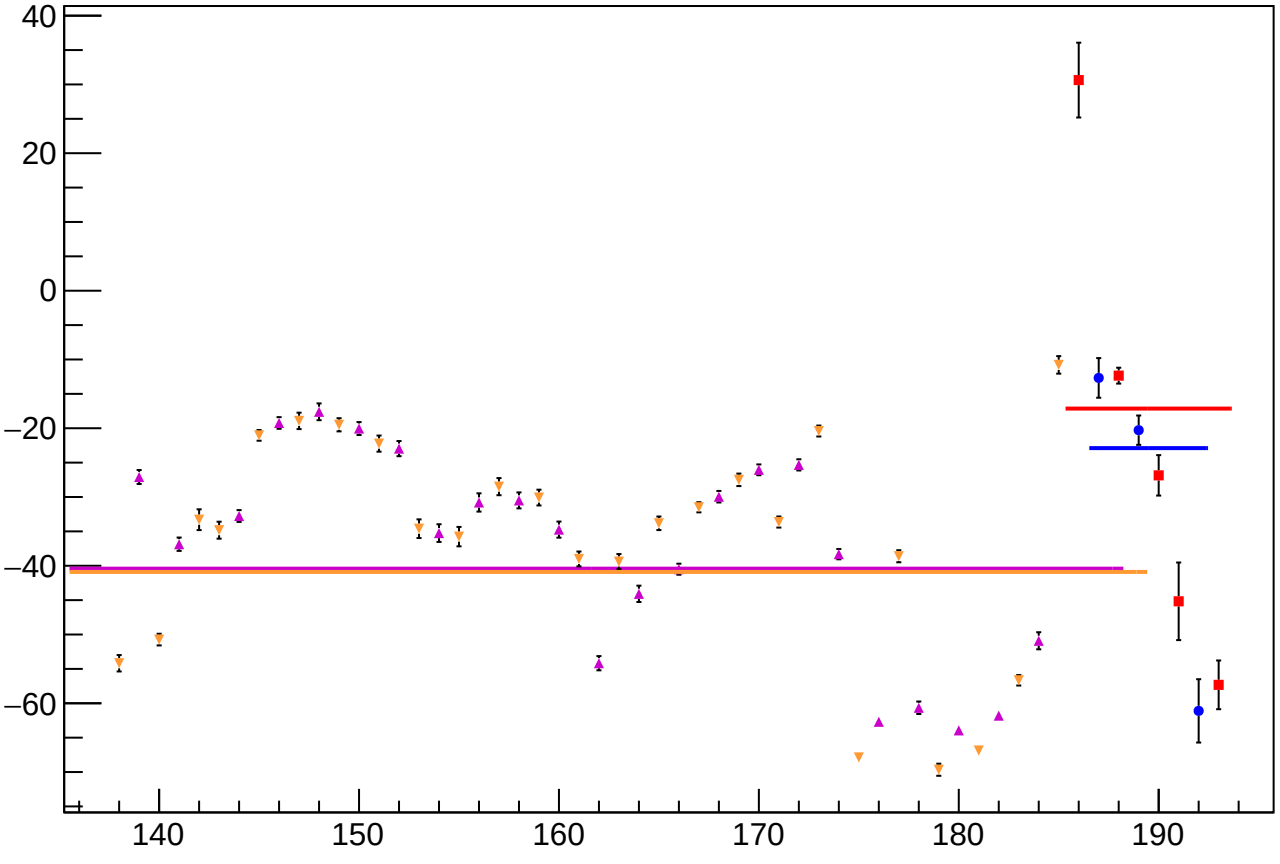
Right: -0.784+/-0.017 χ^2/NDF: 2721.2/42

In: -0.301+/-0.009 χ^2/NDF:4204.6/42

Out: -0.360+/-0.008 χ^2/NDF:4133.6/47

All: -0.331+/-0.006 χ^2/NDF: 8361.5/90

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.891+/-1.607 χ^2/NDF: 82.9/2

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -17.140+/-0.995 χ^2/NDF: 258.4/4

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

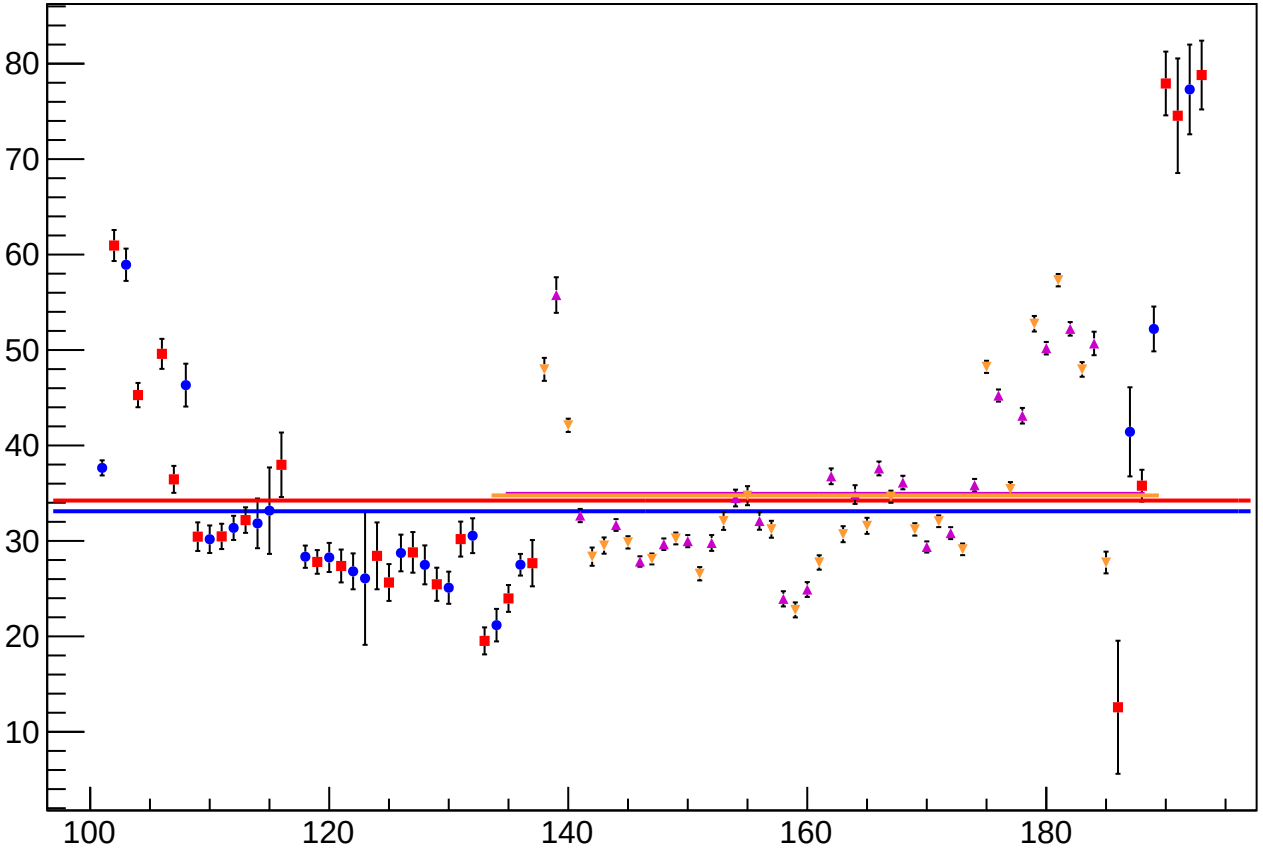
Right: -18.733+/-0.846 χ^2/NDF: 350.5/7

In: -40.183+/-0.188 χ^2/NDF:7230.4/25

Out: -40.091+/-0.183 χ^2/NDF:9923.9/29

All: -40.136+/-0.131 χ^2/NDF: 17154.4/55

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.107+/-0.366 χ^2/NDF: 614.8/19

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 34.230+/-0.365 χ^2/NDF: 1112.4/22

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

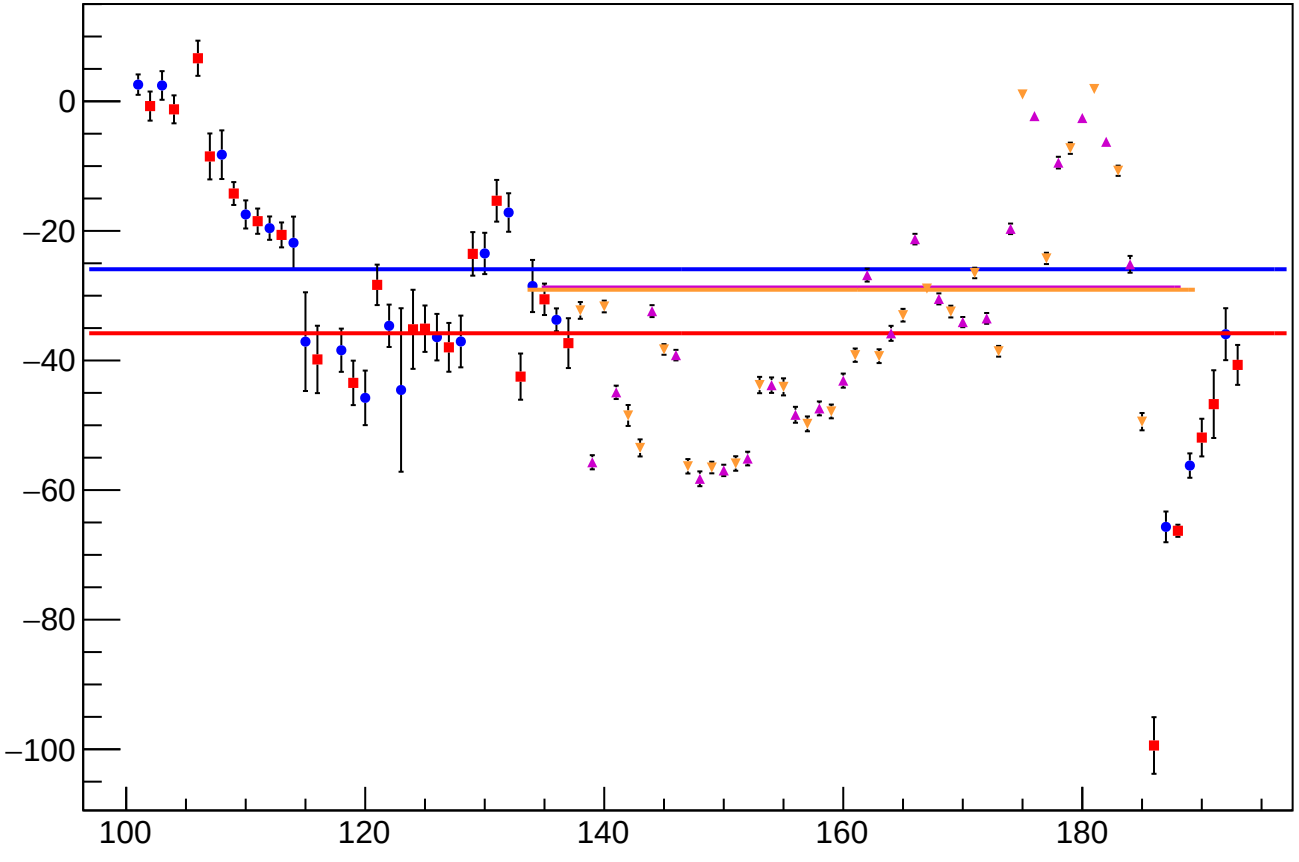
Right: 33.670+/-0.258 χ^2/NDF: 1731.9/42

In: 34.663+/-0.140 χ^2/NDF:3324.4/42

Out: 34.692+/-0.137 χ^2/NDF:4791.6/47

All: 34.678+/-0.098 χ^2/NDF: 8116.0/90

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.918+/-0.600 χ^2/NDF: 1183.5/19

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -35.799+/-0.510 χ^2/NDF: 2482.3/22

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

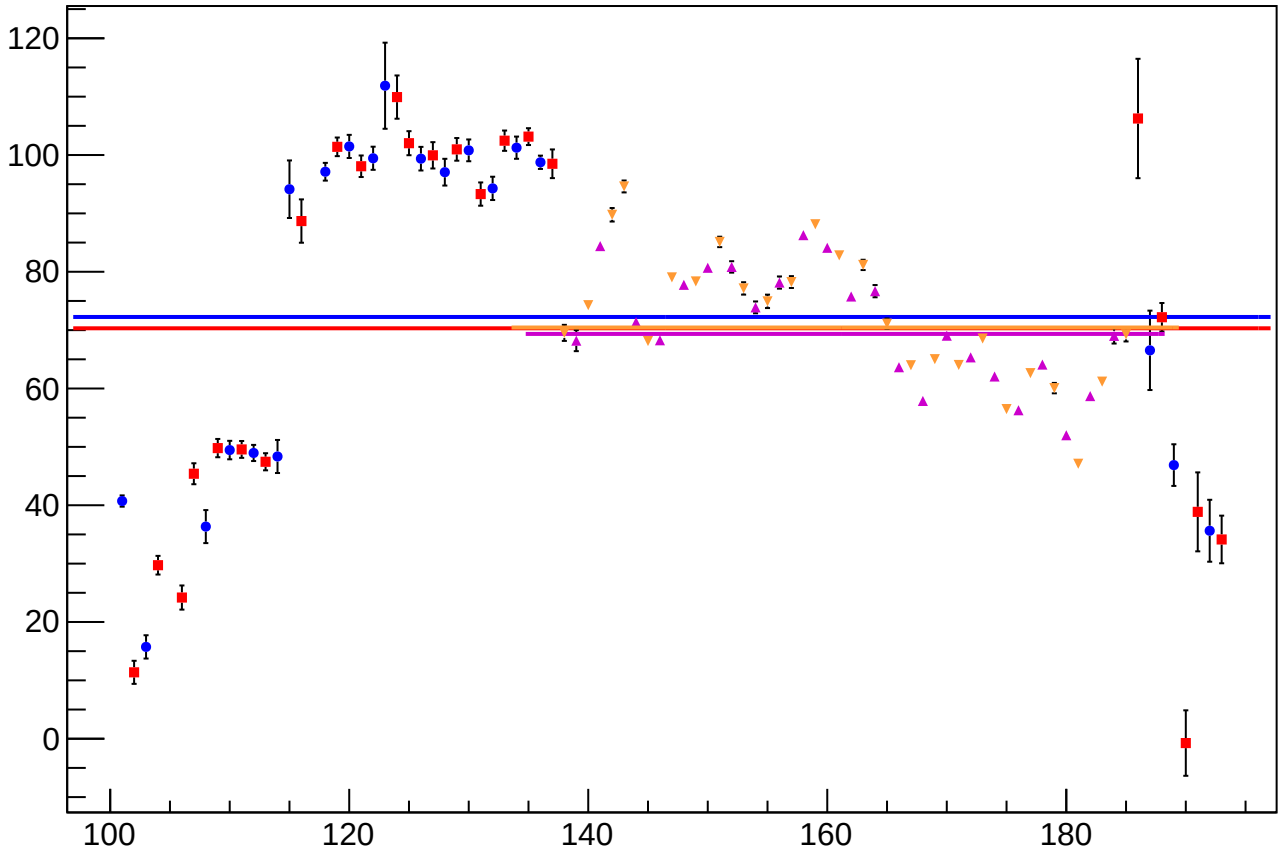
Right: -31.650+/-0.389 χ^2/NDF: 3823.3/42

In: -28.481+/-0.180 χ^2/NDF:10359.1/42

Out: -29.878+/-0.176 χ^2/NDF:12694.6/47

All: -29.197+/-0.126 χ^2/NDF: 23084.5/90

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.255+/-0.421 χ^2/NDF: 4839.0/19

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 70.314+/-0.423 χ^2/NDF: 5646.6/22

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

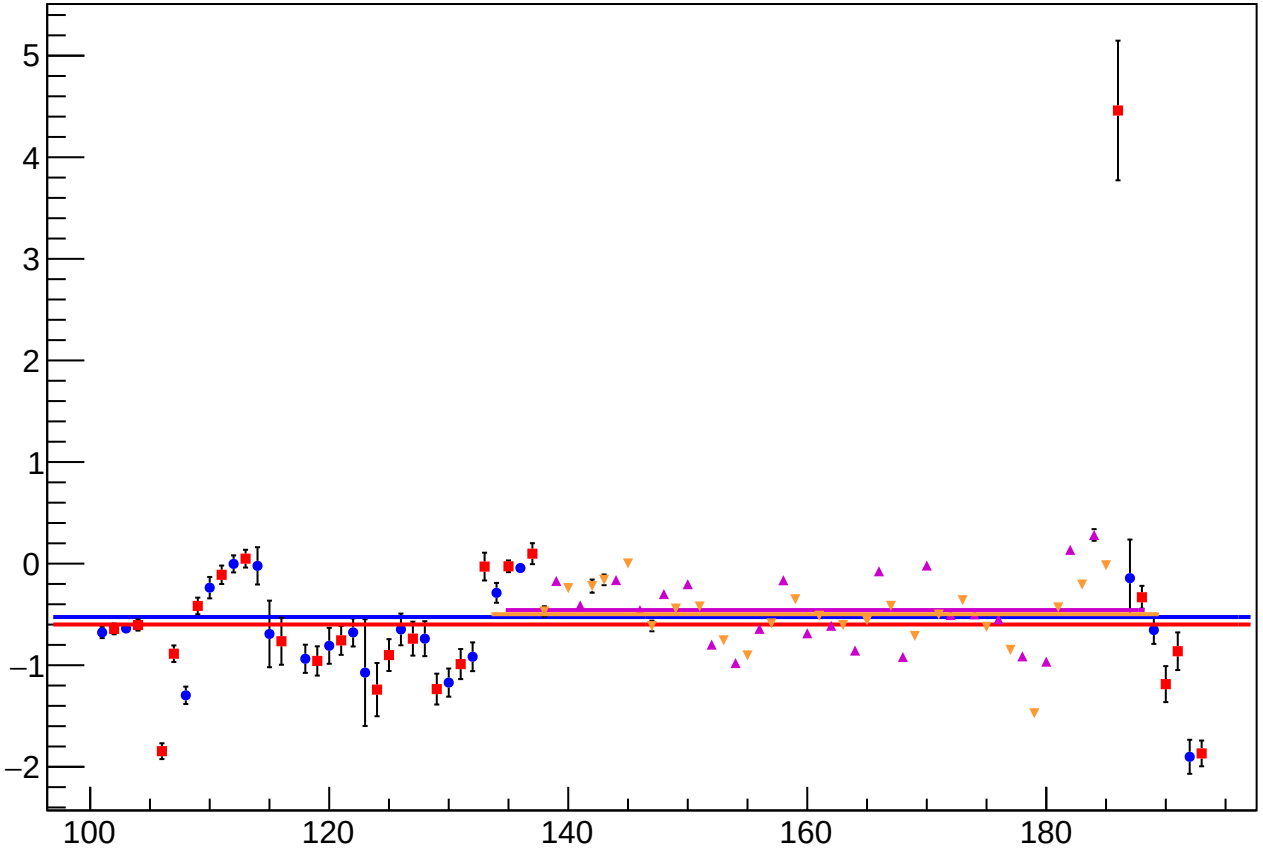
Right: 71.290+/-0.298 χ^2/NDF: 10496.2/42

In: 69.757+/-0.157 χ^2/NDF:8210.8/42

Out: 70.431+/-0.155 χ^2/NDF:10131.3/47

All: 70.099+/-0.110 χ^2/NDF: 18351.4/90

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.526+/-0.022 χ^2/NDF: 374.3/19

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.599+/-0.021 χ^2/NDF: 735.6/22

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

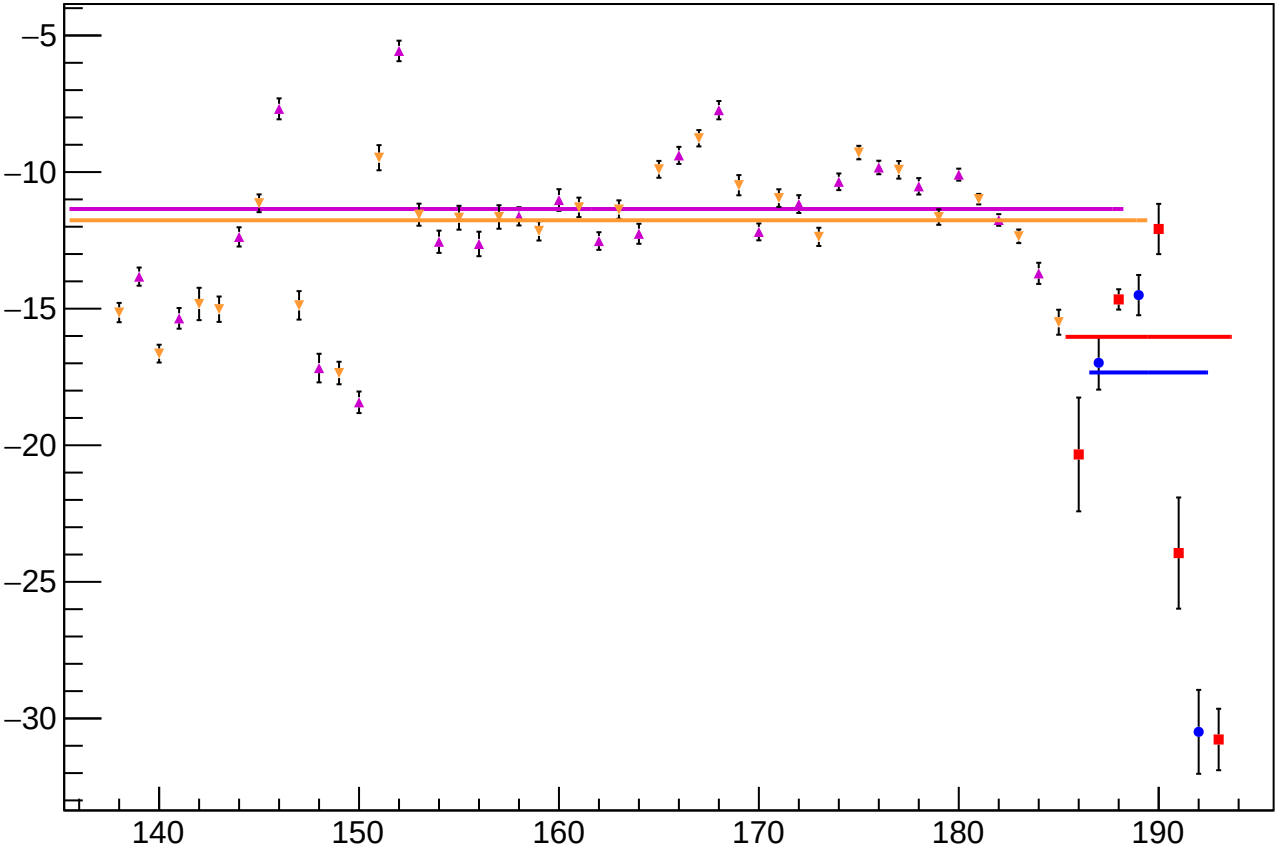
Right: -0.565+/-0.015 χ^2/NDF: 1115.9/42

In: -0.465+/-0.007 χ^2/NDF:2358.4/42

Out: -0.510+/-0.007 χ^2/NDF:2197.6/47

All: -0.488+/-0.005 χ^2/NDF: 4575.9/90

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.335+/-0.550 χ^2/NDF: 88.3/2

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -16.031+/-0.322 χ^2/NDF: 223.0/4

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

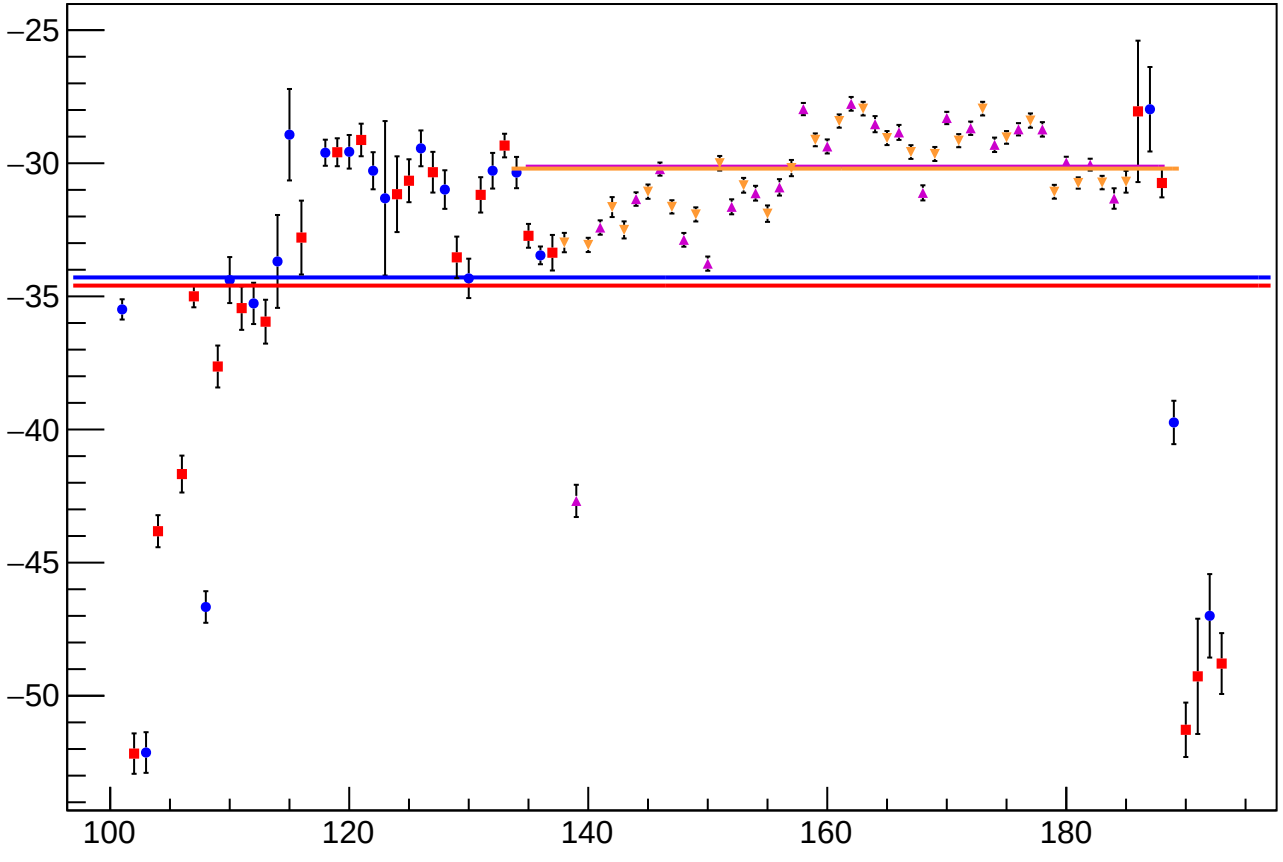
Right: -16.363+/-0.278 χ^2/NDF: 315.4/7

In: -11.441+/-0.067 χ^2/NDF:1485.4/25

Out: -11.941+/-0.065 χ^2/NDF:1417.5/29

All: -11.698+/-0.047 χ^2/NDF: 2931.3/55

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.289+/-0.147 χ^2/NDF: 1469.7/19

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.595+/-0.142 χ^2/NDF: 1842.3/22

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

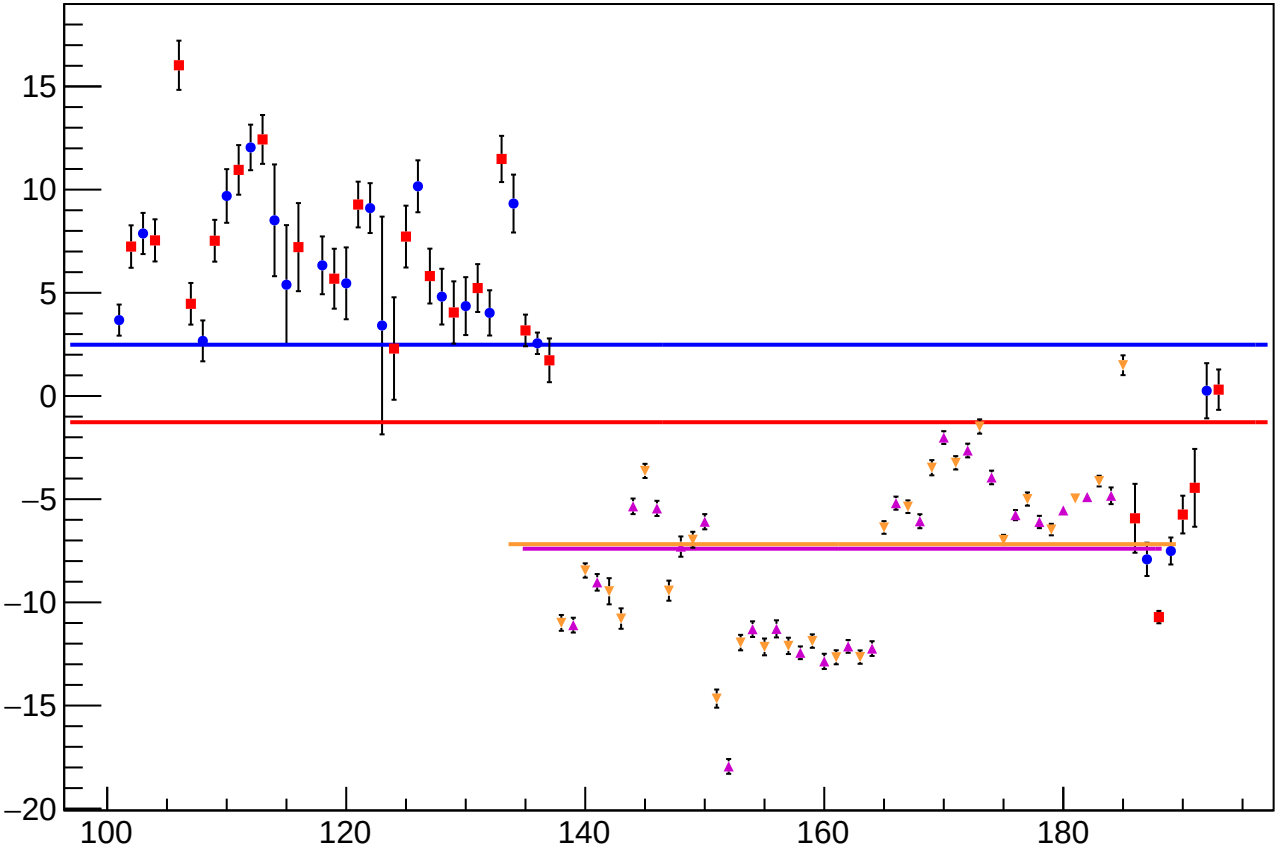
Right: -34.447+/-0.102 χ^2/NDF: 3314.2/42

In: -30.646+/-0.052 χ^2/NDF:3462.7/42

Out: -30.753+/-0.050 χ^2/NDF:3401.3/47

All: -30.701+/-0.036 χ^2/NDF: 6866.2/90

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.484+/-0.234 χ^2/NDF: 654.4/19

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.271+/-0.192 χ^2/NDF: 2135.8/22

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

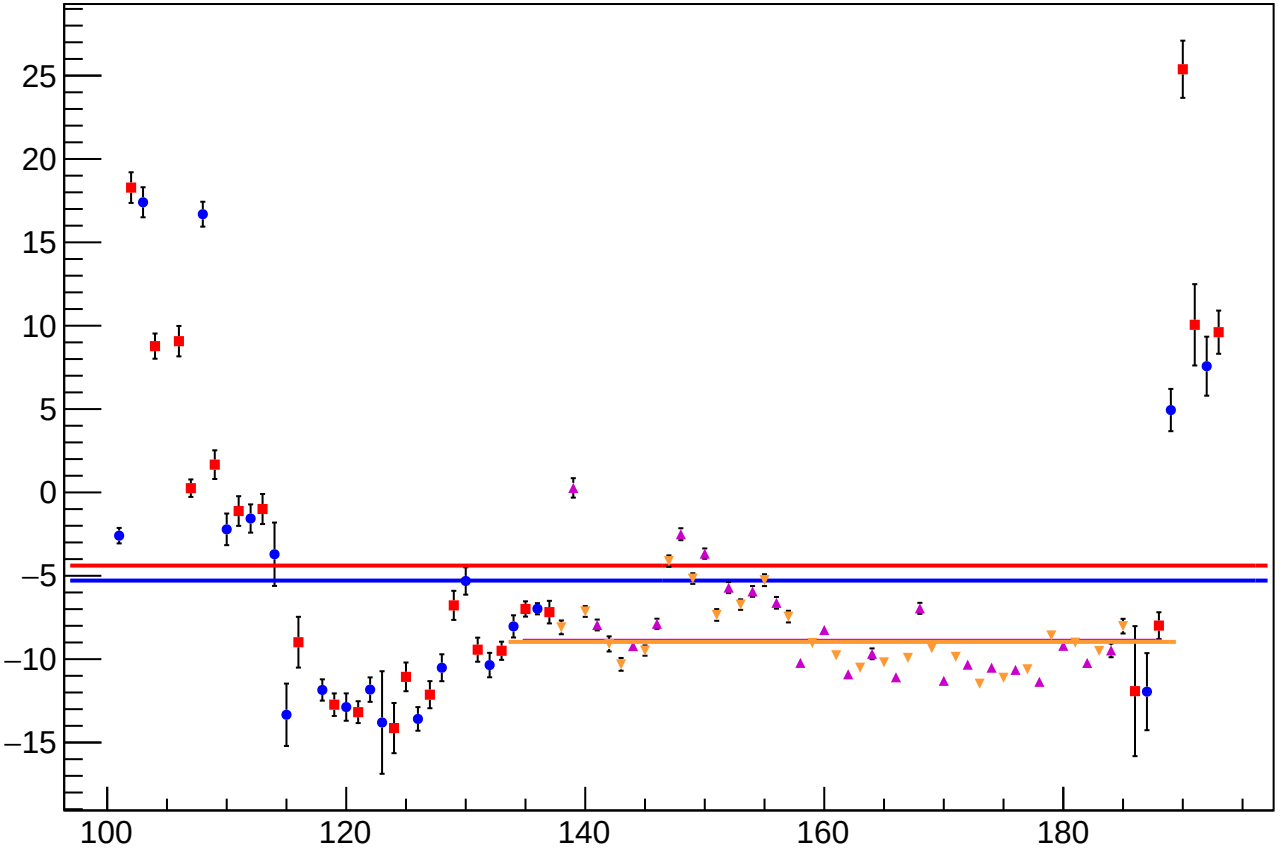
Right: 0.235+/-0.148 χ^2/NDF: 2943.9/42

In: -6.642+/-0.065 χ^2/NDF:5430.8/42

Out: -6.538+/-0.063 χ^2/NDF:5998.0/47

All: -6.589+/-0.045 χ^2/NDF: 11430.1/90

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.287+/-0.167 χ^2/NDF: 2253.9/19

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.388+/-0.166 χ^2/NDF: 2489.3/22

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

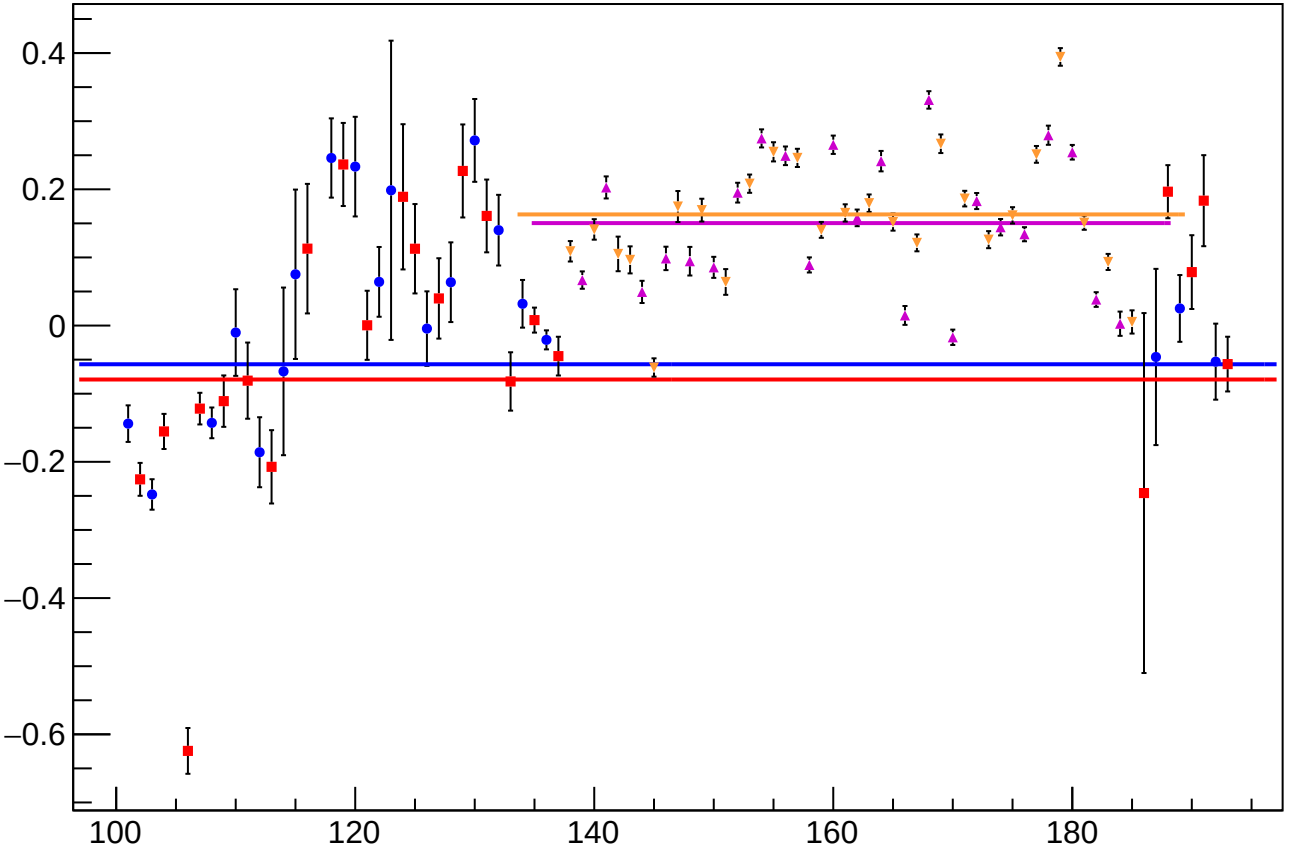
Right: -4.835+/-0.118 χ^2/NDF: 4757.8/42

In: -8.467+/-0.058 χ^2/NDF:4248.8/42

Out: -8.434+/-0.057 χ^2/NDF:4035.3/47

All: -8.450+/-0.040 χ^2/NDF: 8284.2/90

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.057+/-0.008 χ^2/NDF: 220.5/19

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.079+/-0.008 χ^2/NDF: 509.7/22

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

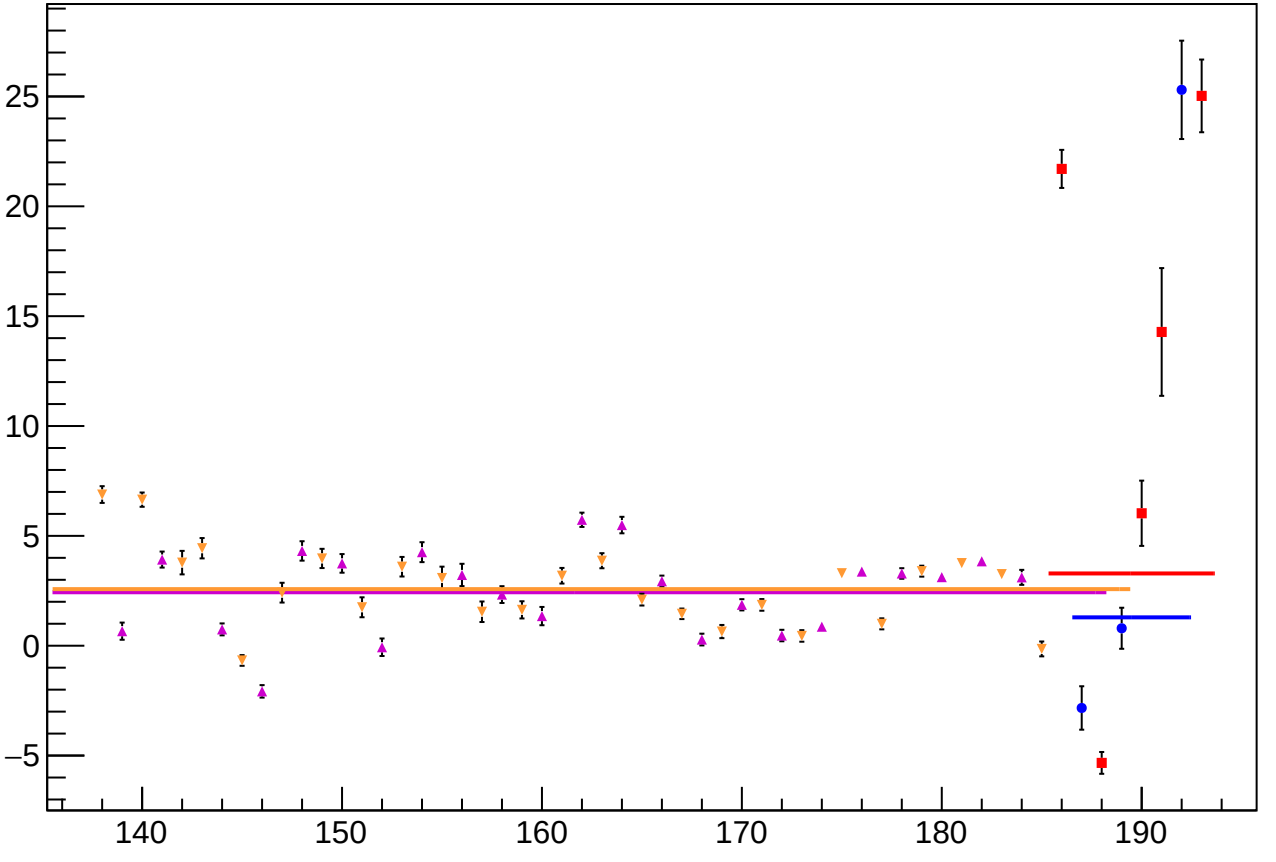
Right: -0.068+/-0.006 χ^2/NDF: 734.1/42

In: 0.129+/-0.003 χ^2/NDF:2095.5/42

Out: 0.137+/-0.003 χ^2/NDF:2354.9/47

All: 0.133+/-0.002 χ^2/NDF: 4455.4/90

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.291+/-0.650 χ^2/NDF: 132.7/2

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 3.289+/-0.398 χ^2/NDF: 943.7/4

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

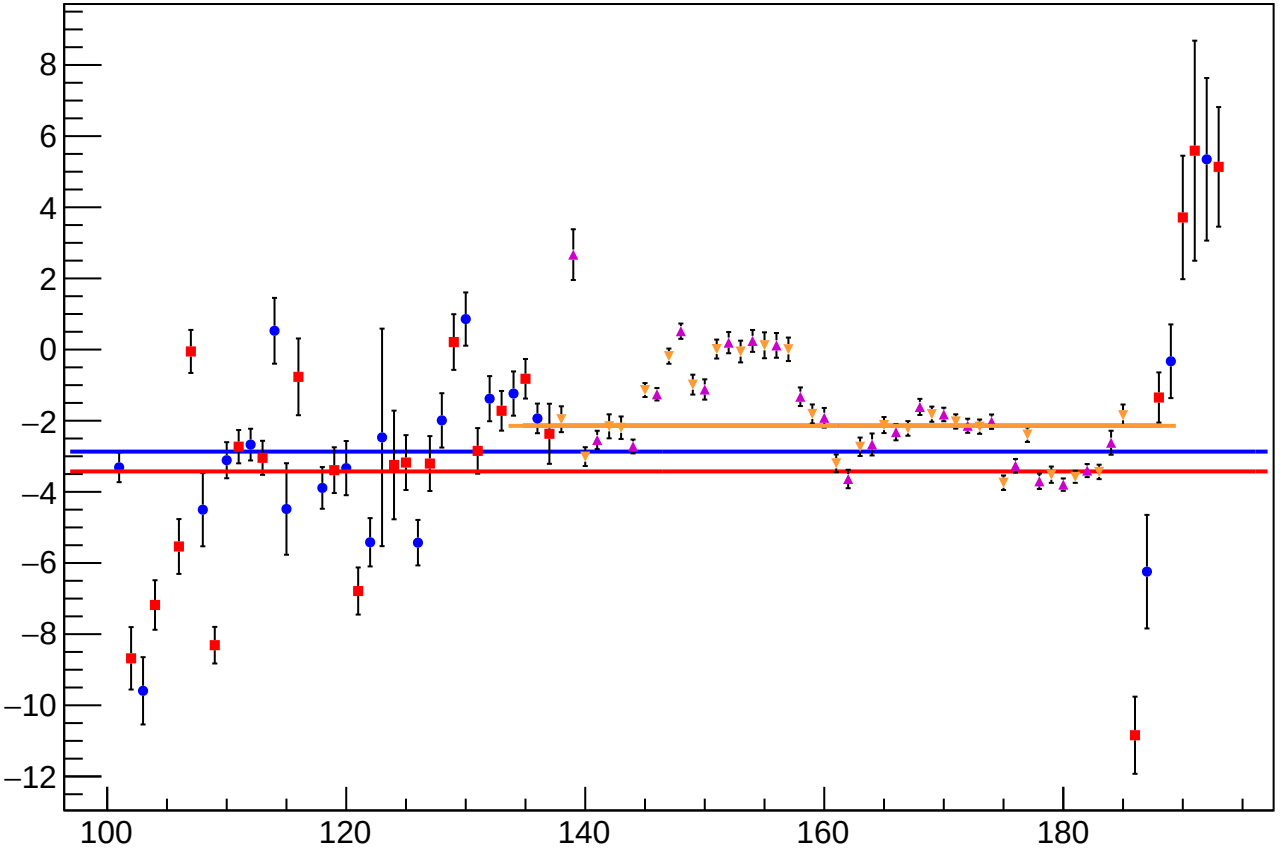
Right: 2.745+/-0.339 χ^2/NDF: 1083.3/7

In: 2.424+/-0.059 χ^2/NDF:1018.7/25

Out: 2.591+/-0.058 χ^2/NDF:1814.9/29

All: 2.509+/-0.041 χ^2/NDF: 2837.8/55

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.868+/-0.151 χ^2/NDF: 170.1/19

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.426+/-0.148 χ^2/NDF: 390.8/22

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

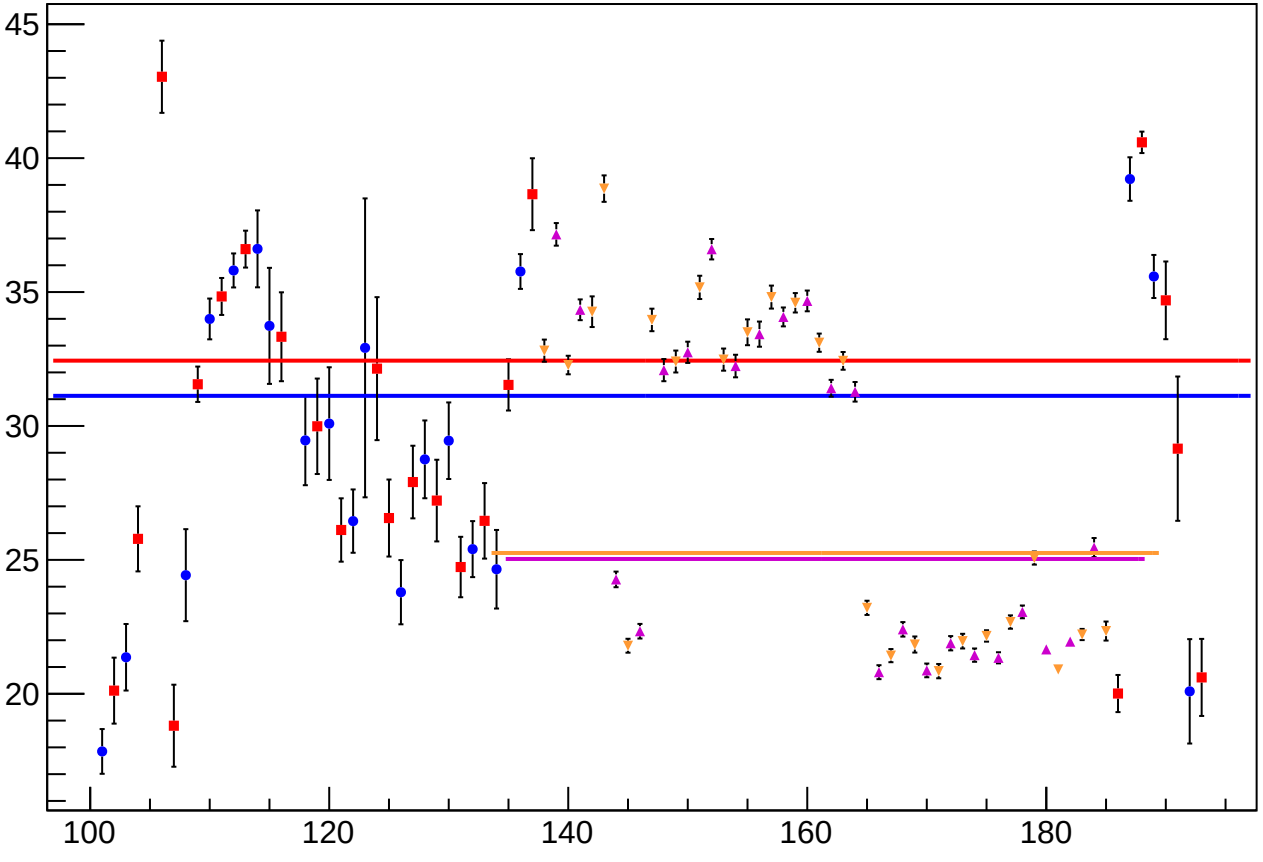
Right: -3.153+/-0.106 χ^2/NDF: 567.9/42

In: -2.204+/-0.046 χ^2/NDF:884.9/42

Out: -2.264+/-0.045 χ^2/NDF:1031.0/47

All: -2.235+/-0.032 χ^2/NDF: 1916.8/90

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.125+/-0.240 χ^2/NDF: 735.2/19

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 32.439+/-0.203 χ^2/NDF: 1286.7/22

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

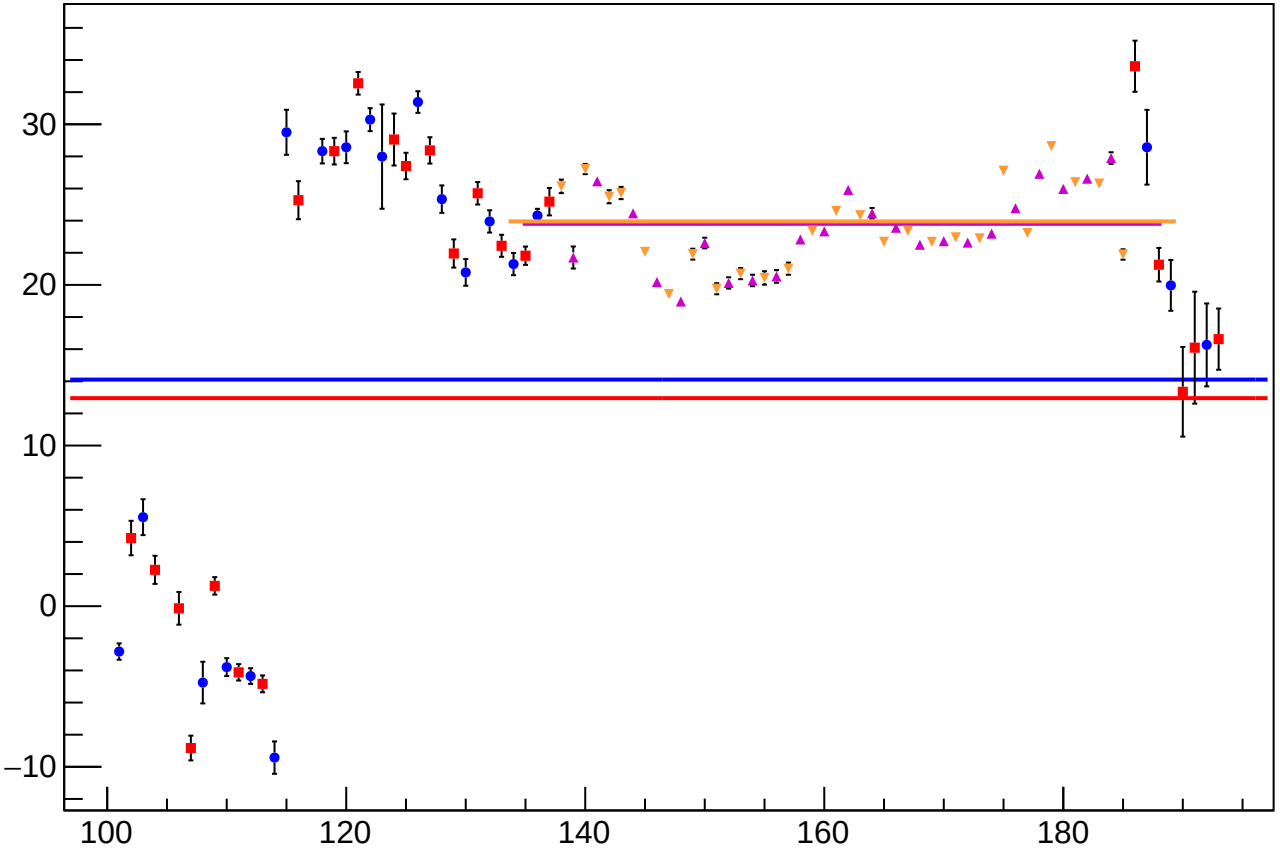
Right: 31.889+/-0.155 χ^2/NDF: 2039.3/42

In: 25.386+/-0.058 χ^2/NDF:9032.9/42

Out: 25.814+/-0.057 χ^2/NDF:10571.9/47

All: 25.604+/-0.040 χ^2/NDF: 19632.9/90

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.106+/-0.170 χ^2/NDF: 7445.8/19

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.949+/-0.169 χ^2/NDF: 7207.8/22

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

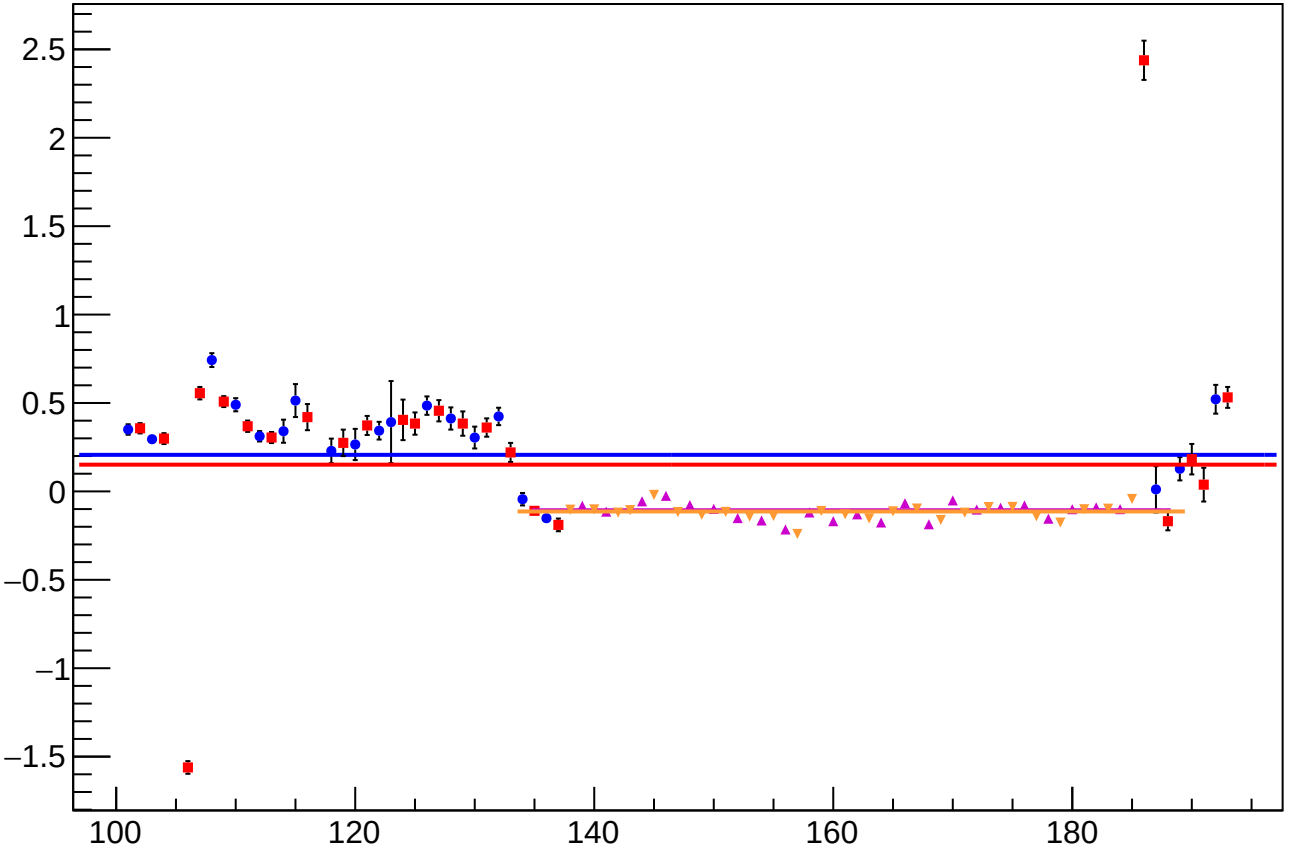
Right: 13.525+/-0.120 χ^2/NDF: 14676.8/42

In: 22.920+/-0.051 χ^2/NDF:12159.7/42

Out: 22.964+/-0.051 χ^2/NDF:12969.4/47

All: 22.942+/-0.036 χ^2/NDF: 25129.5/90

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.009 χ^2/NDF: 864.8/19

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.151+/-0.009 χ^2/NDF: 3516.9/22

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

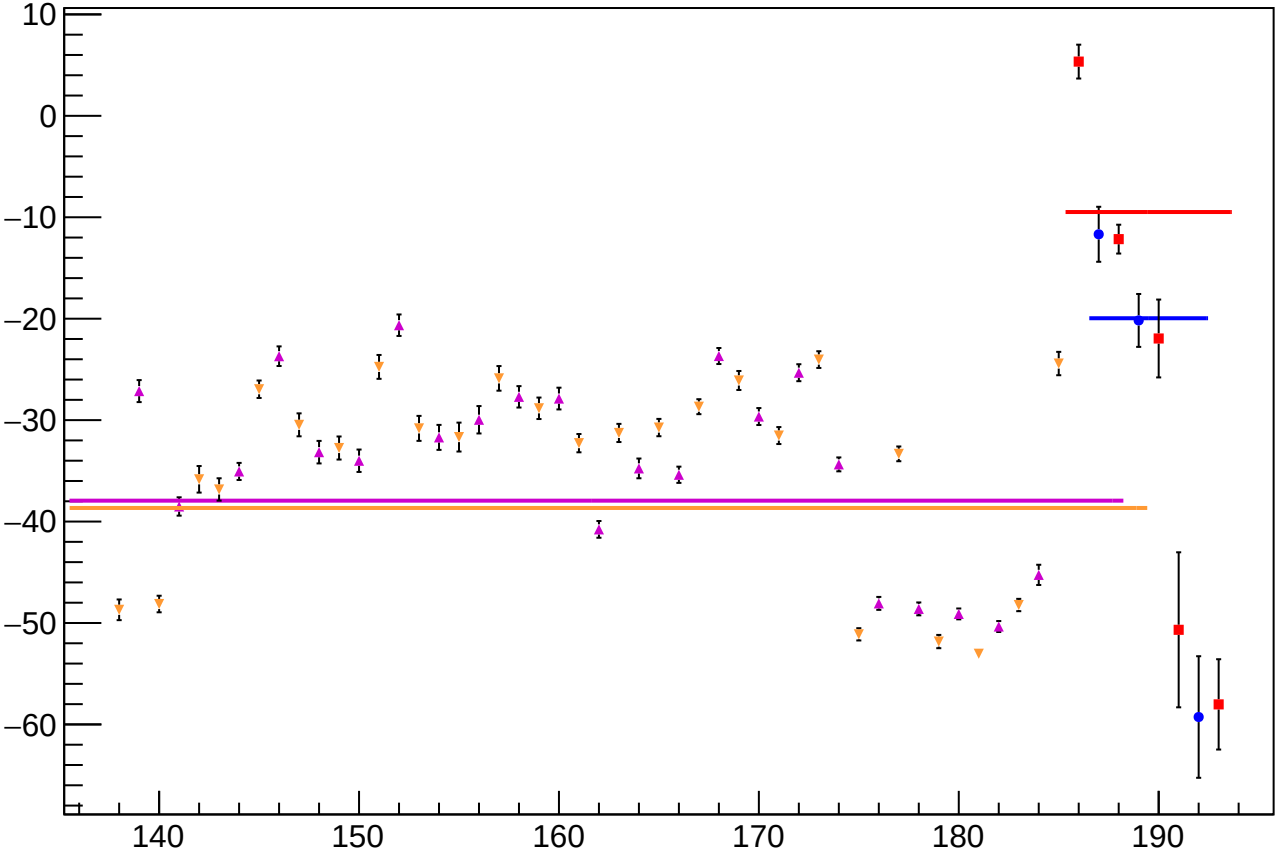
Right: 0.178+/-0.006 χ^2/NDF: 4400.7/42

In: -0.086+/-0.002 χ^2/NDF:2273.3/42

Out: -0.095+/-0.002 χ^2/NDF:4639.3/47

All: -0.090+/-0.002 χ^2/NDF: 6920.3/90

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.955+/-1.793 χ^2/NDF: 52.4/2

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -9.484+/-1.005 χ^2/NDF: 240.9/4

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

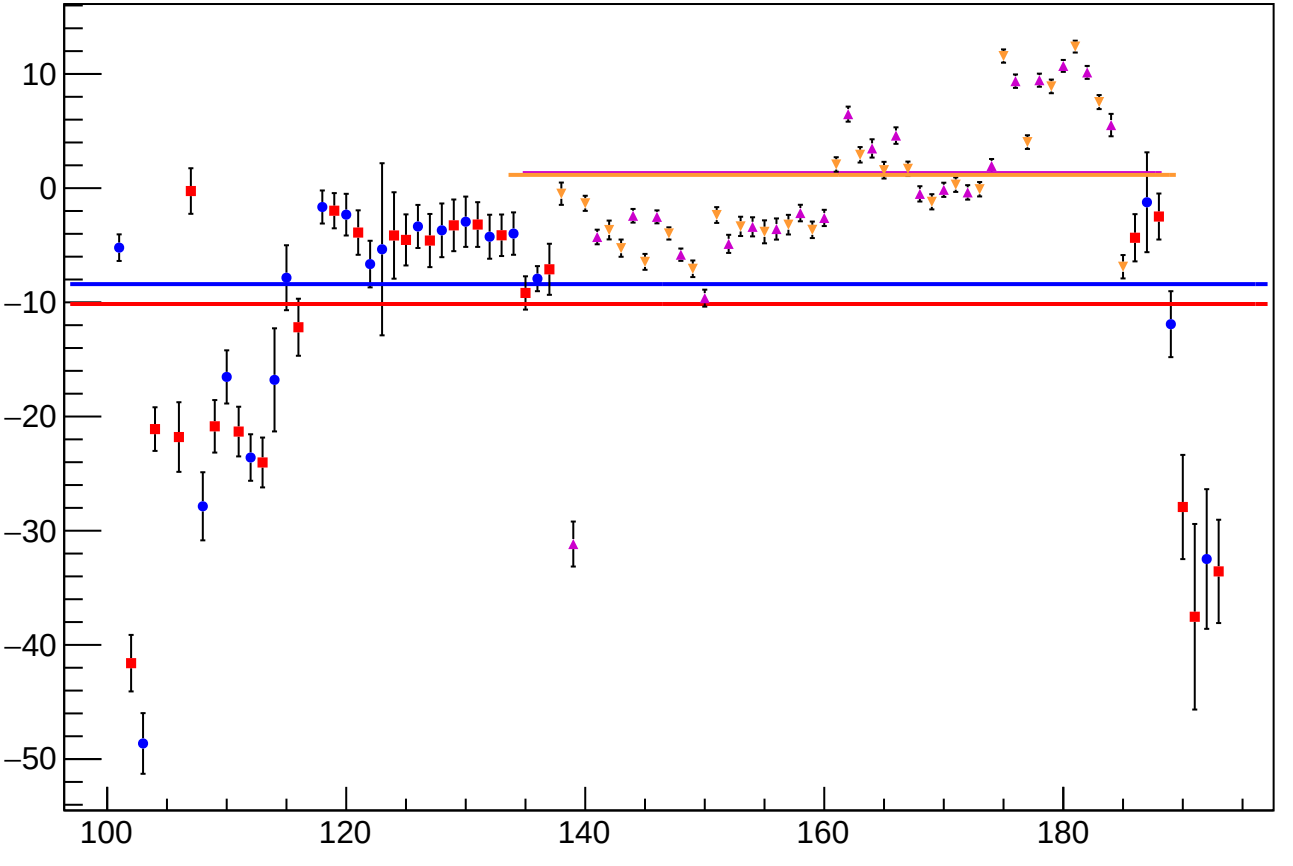
Right: -11.988+/-0.877 χ^2/NDF: 319.2/7

In: -37.774+/-0.172 χ^2/NDF:3285.2/25

Out: -37.855+/-0.167 χ^2/NDF:5133.8/29

All: -37.816+/-0.120 χ^2/NDF: 8419.2/55

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.404+/-0.453 χ^2/NDF: 431.9/19

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.146+/-0.460 χ^2/NDF: 486.5/22

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

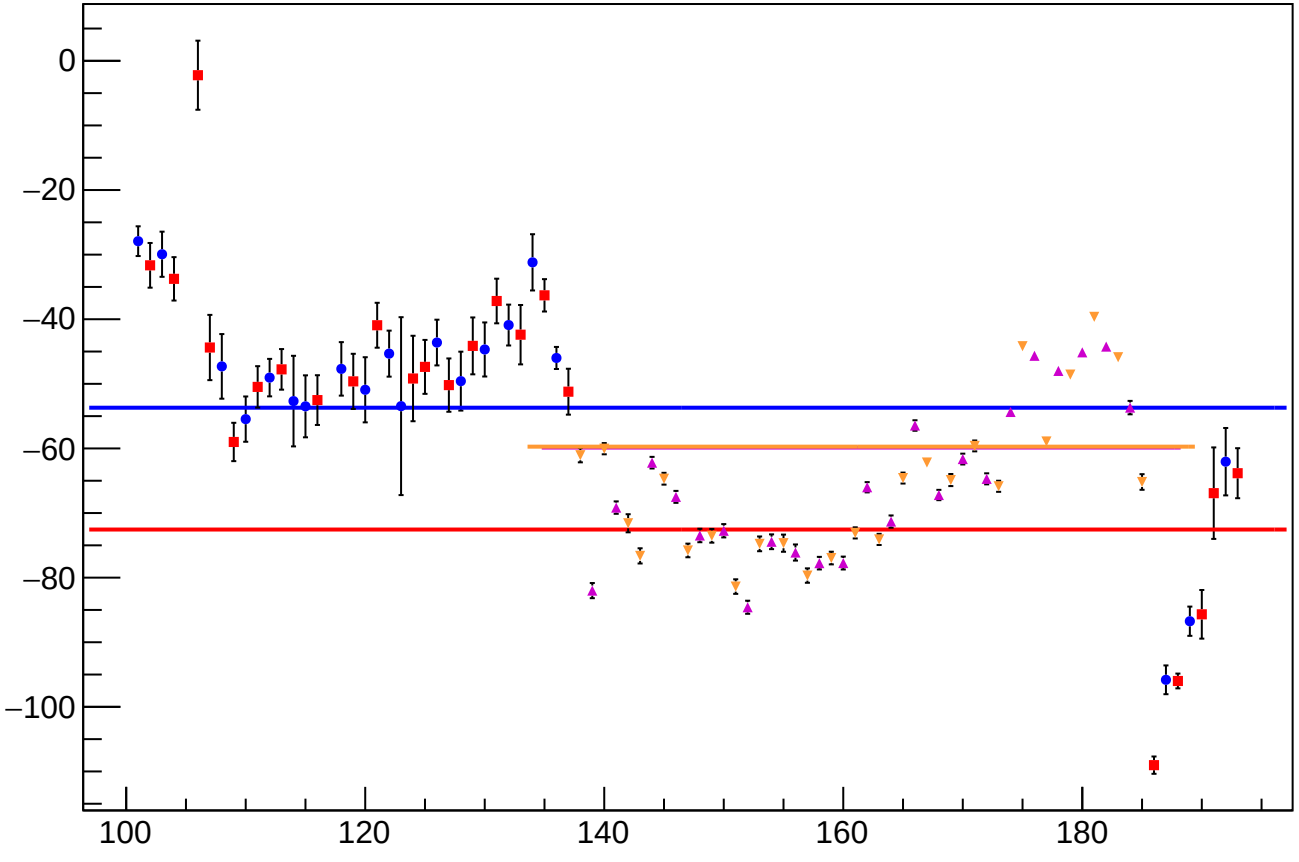
Right: -9.261+/-0.323 χ^2/NDF: 925.7/42

In: 0.476+/-0.133 χ^2/NDF:2934.0/42

Out: 0.250+/-0.131 χ^2/NDF:2828.2/47

All: 0.360+/-0.093 χ^2/NDF: 5763.7/90

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -53.695+/-0.731 χ^2/NDF: 834.4/19

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.553+/-0.597 χ^2/NDF: 2439.0/22

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

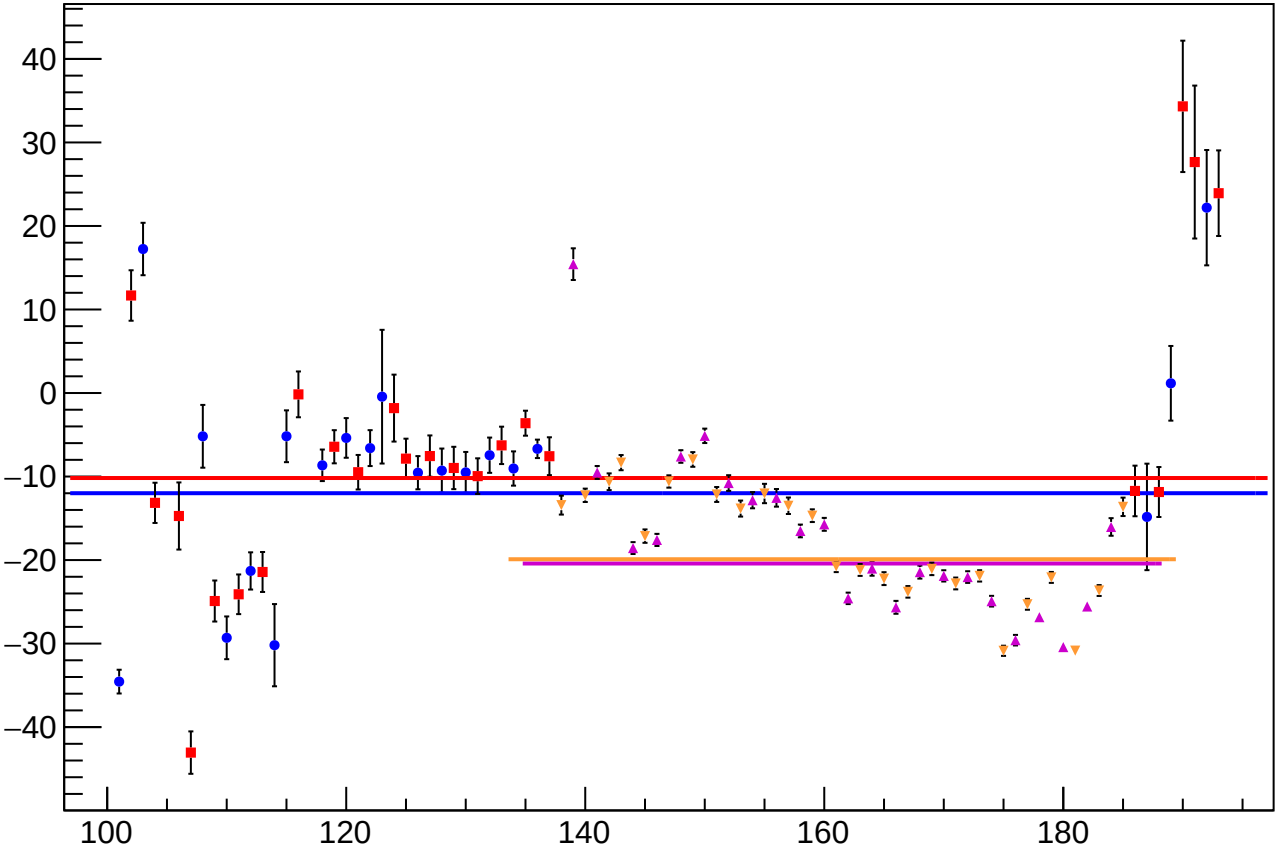
Right: -65.003+/-0.463 χ^2/NDF: 3672.3/42

In: -59.538+/-0.168 χ^2/NDF:6176.9/42

Out: -60.689+/-0.164 χ^2/NDF:8655.1/47

All: -60.128+/-0.117 χ^2/NDF: 14856.1/90

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.995+/-0.513 χ^2/NDF: 509.8/19

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -10.177+/-0.531 χ^2/NDF: 456.4/22

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

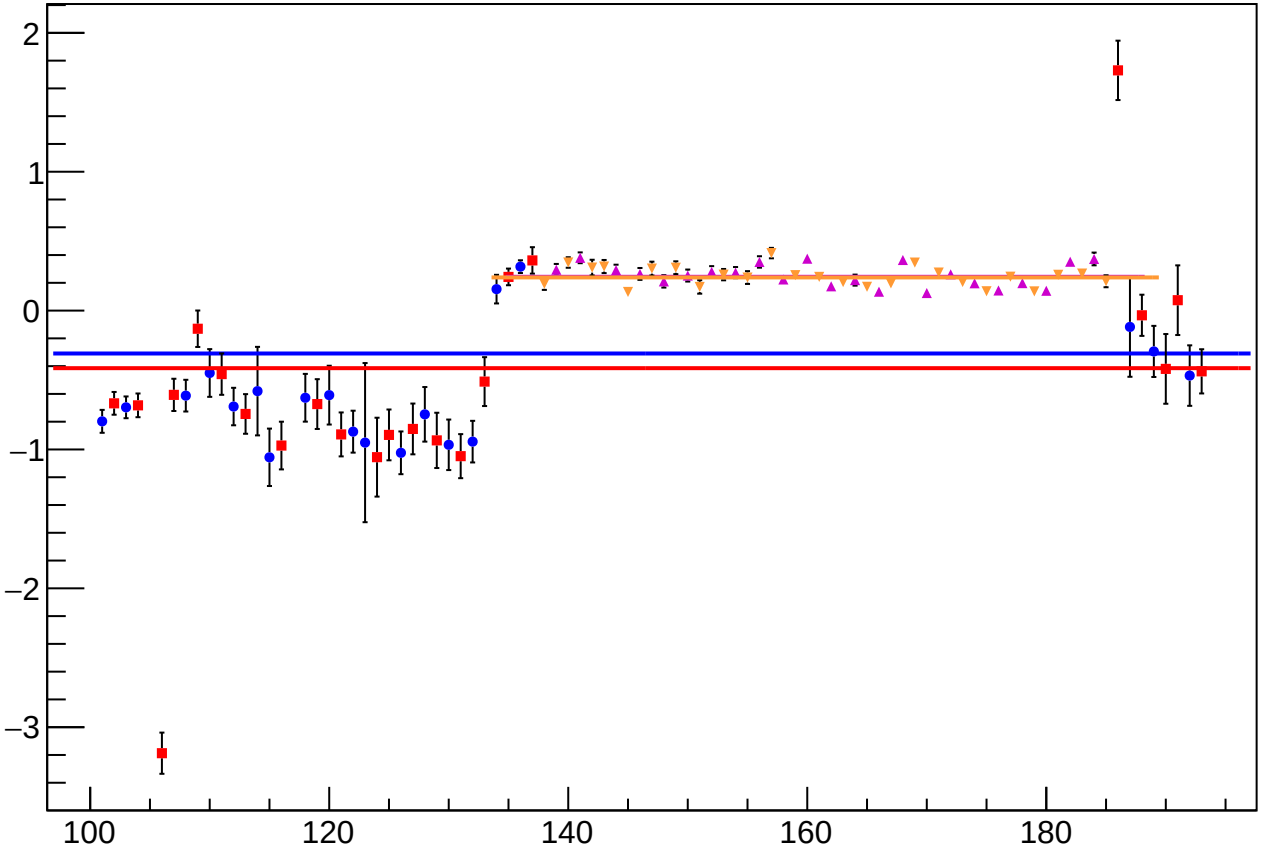
Right: -11.118+/-0.369 χ^2/NDF: 972.3/42

In: -19.698+/-0.149 χ^2/NDF:3101.4/42

Out: -19.156+/-0.147 χ^2/NDF:2670.4/47

All: -19.423+/-0.105 χ^2/NDF: 5778.5/90

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.309+/-0.027 χ^2/NDF: 373.2/19

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.415+/-0.027 χ^2/NDF: 741.6/22

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

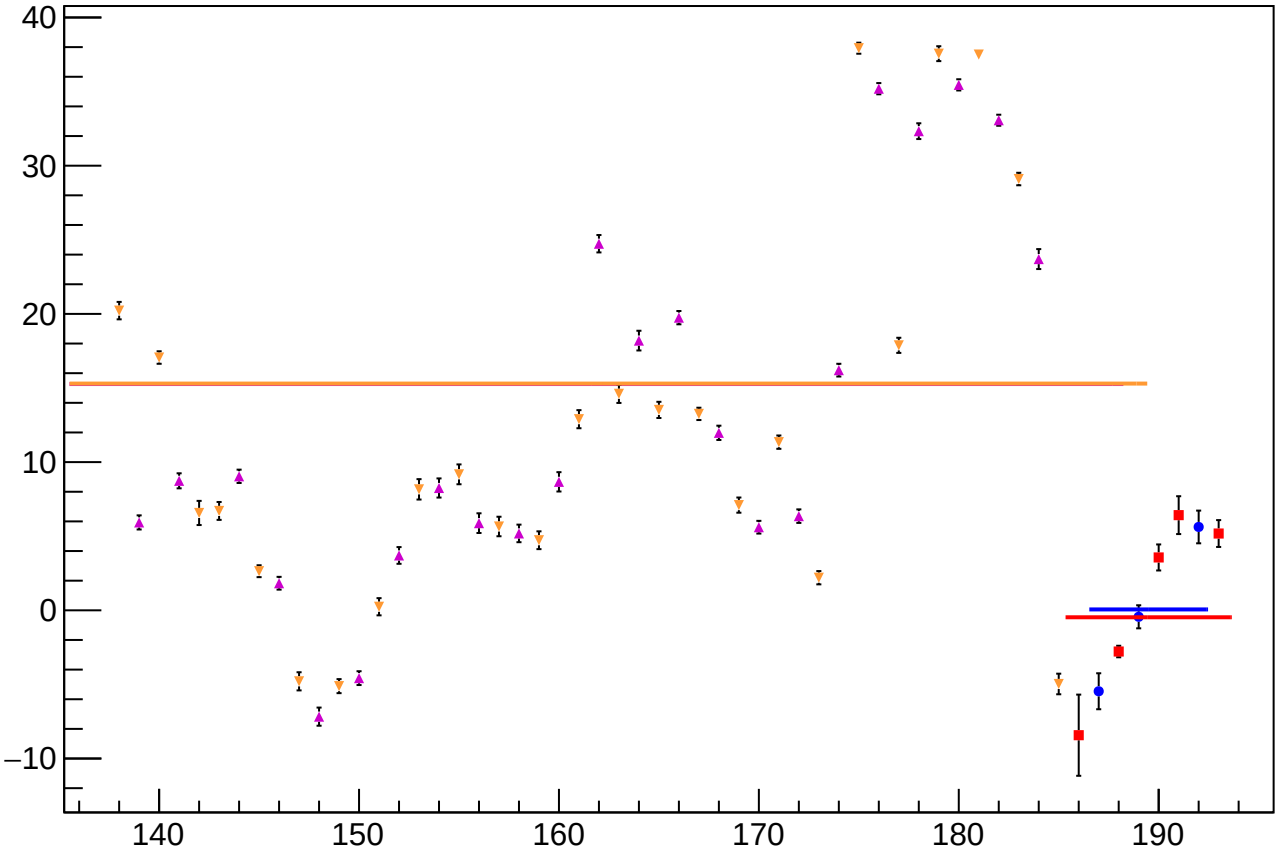
Right: -0.361+/-0.019 χ^2/NDF: 1122.4/42

In: 0.207+/-0.007 χ^2/NDF:905.6/42

Out: 0.198+/-0.007 χ^2/NDF:1378.8/47

All: 0.202+/-0.005 χ^2/NDF: 2285.3/90

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.060+/-0.563 χ^2/NDF: 46.5/2

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: -0.470+/-0.318 χ^2/NDF: 132.8/4

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

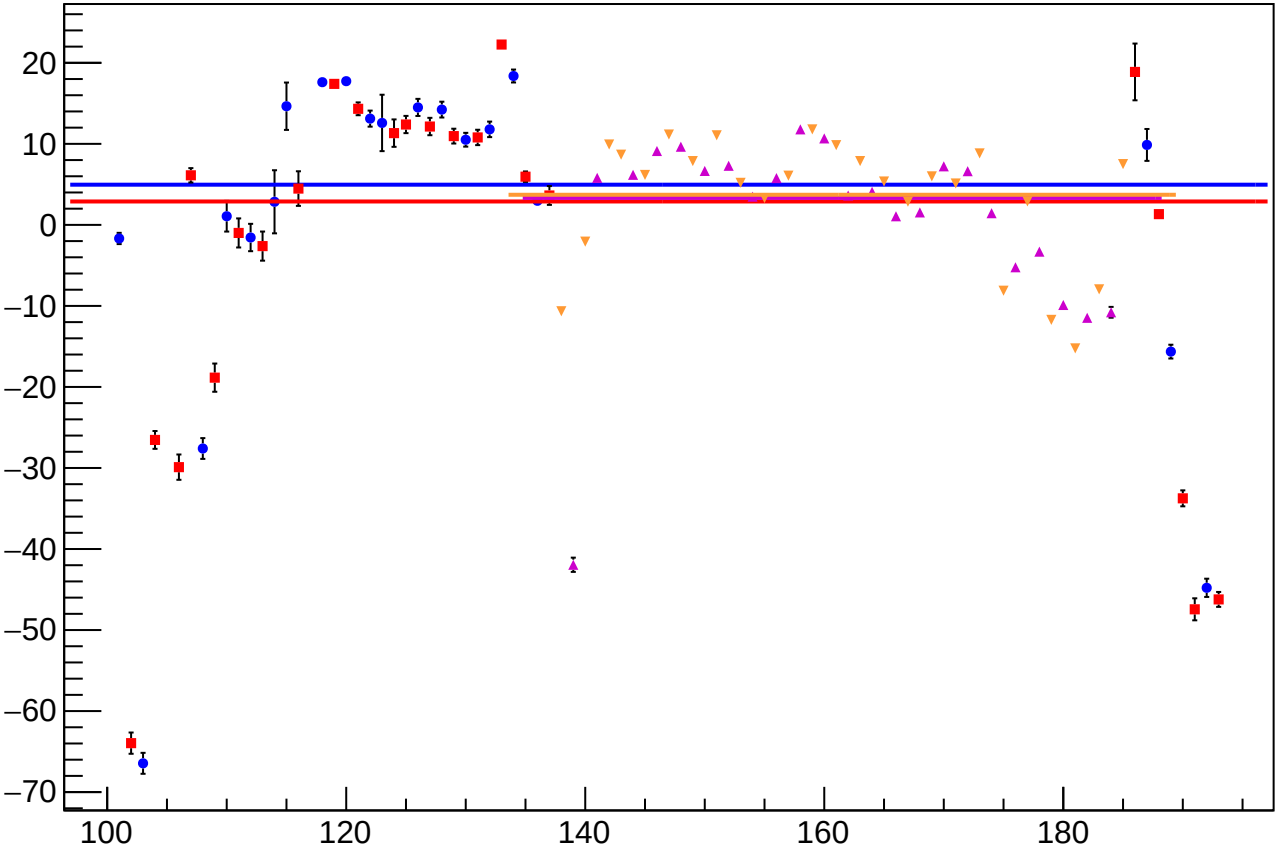
Right: -0.342+/-0.277 χ^2/NDF: 180.0/7

In: 14.784+/-0.100 χ^2/NDF:17158.5/25

Out: 13.864+/-0.096 χ^2/NDF:21498.9/29

All: 14.303+/-0.069 χ^2/NDF: 38701.2/55

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.960+/-0.204 χ^2/NDF: 8119.0/19

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: 2.889+/-0.190 χ^2/NDF: 12637.5/22

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

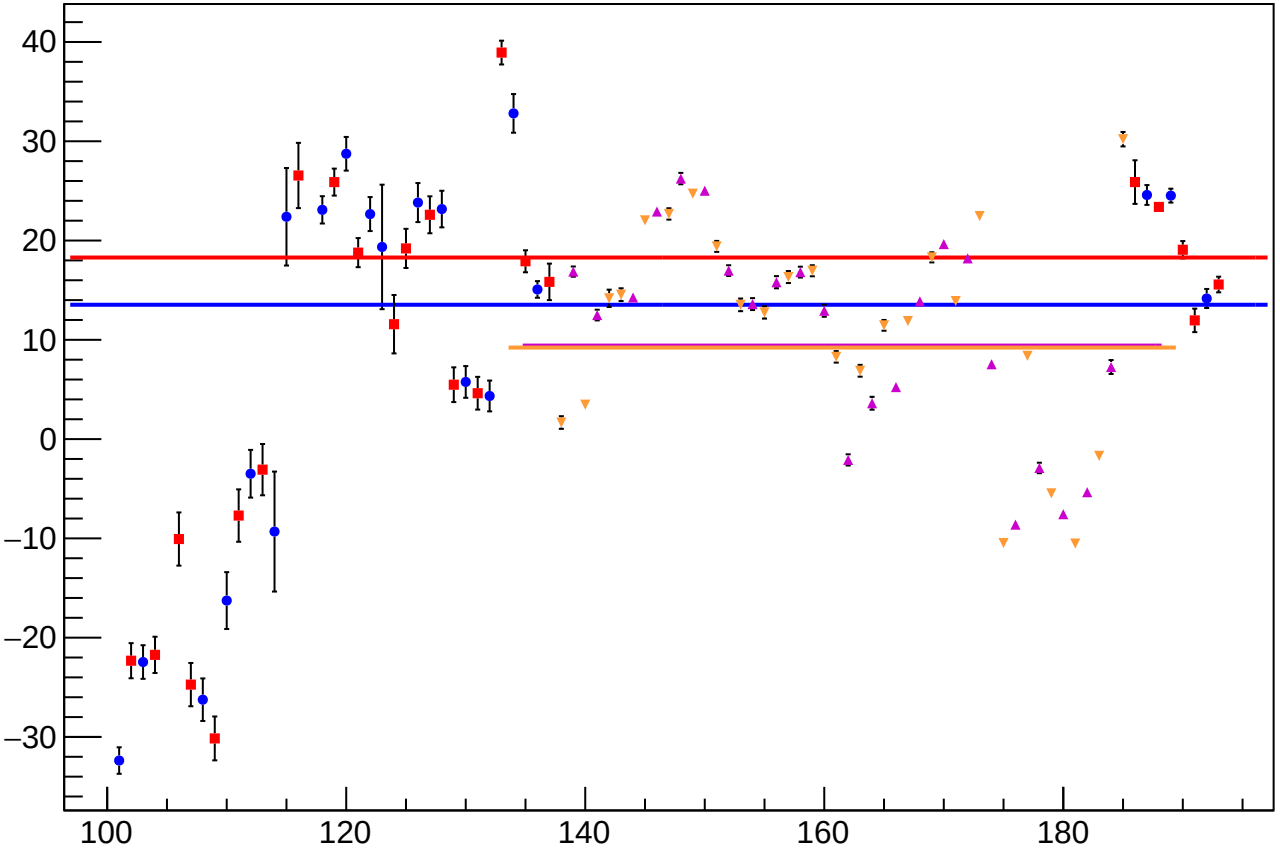
Right: 3.849+/-0.139 χ^2/NDF: 20811.9/42

In: 3.549+/-0.075 χ^2/NDF:17005.0/42

Out: 3.595+/-0.073 χ^2/NDF:21854.8/47

All: 3.573+/-0.052 χ^2/NDF: 38859.9/90

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.532+/-0.317 χ^2/NDF: 2898.9/19

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.291+/-0.226 χ^2/NDF: 2938.6/22

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

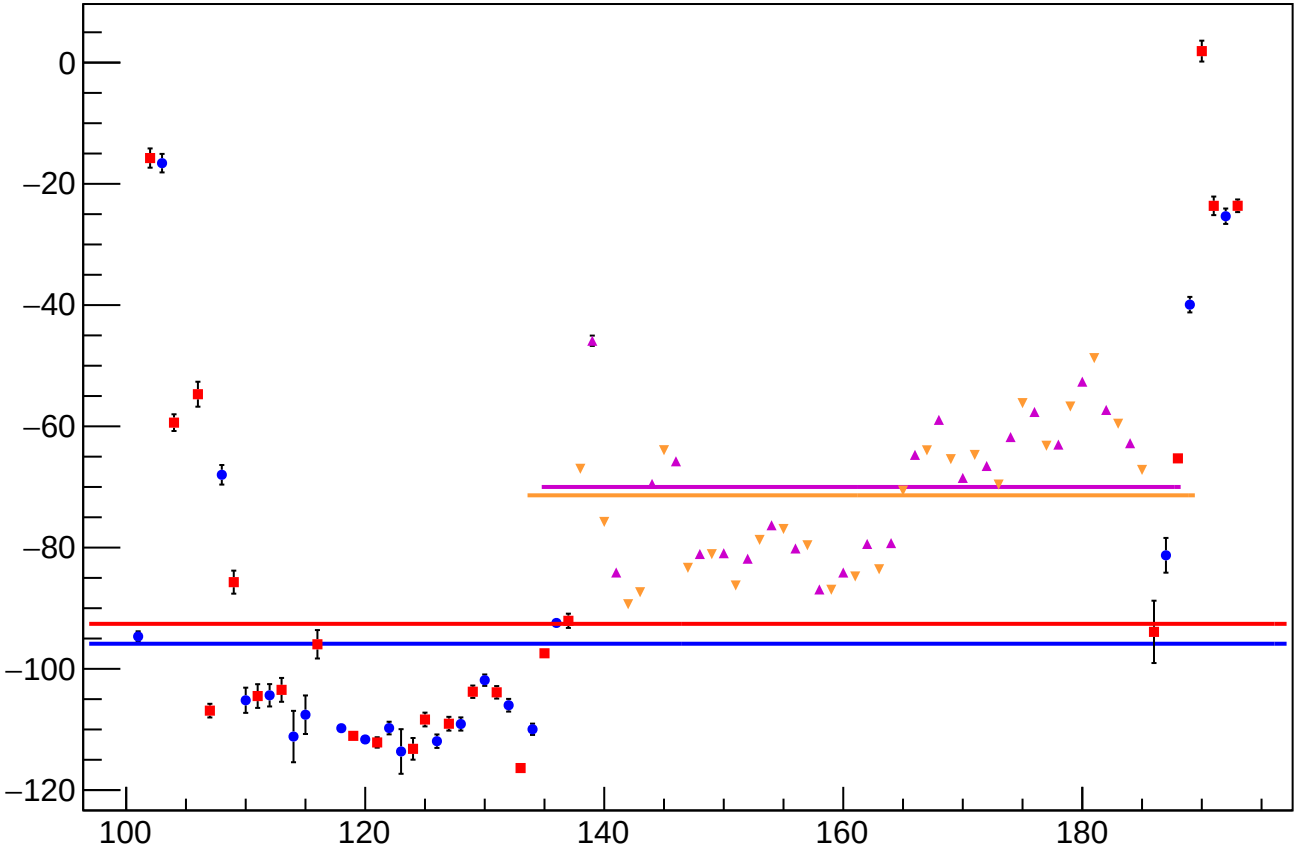
Right: 16.692+/-0.184 χ^2/NDF: 5986.7/42

In: 9.805+/-0.097 χ^2/NDF:15129.1/42

Out: 10.735+/-0.092 χ^2/NDF:17899.9/47

All: 10.293+/-0.067 χ^2/NDF: 33077.1/90

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.859+/-0.238 χ^2/NDF: 9925.5/19

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -92.577+/-0.226 χ^2/NDF: 17849.4/22

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

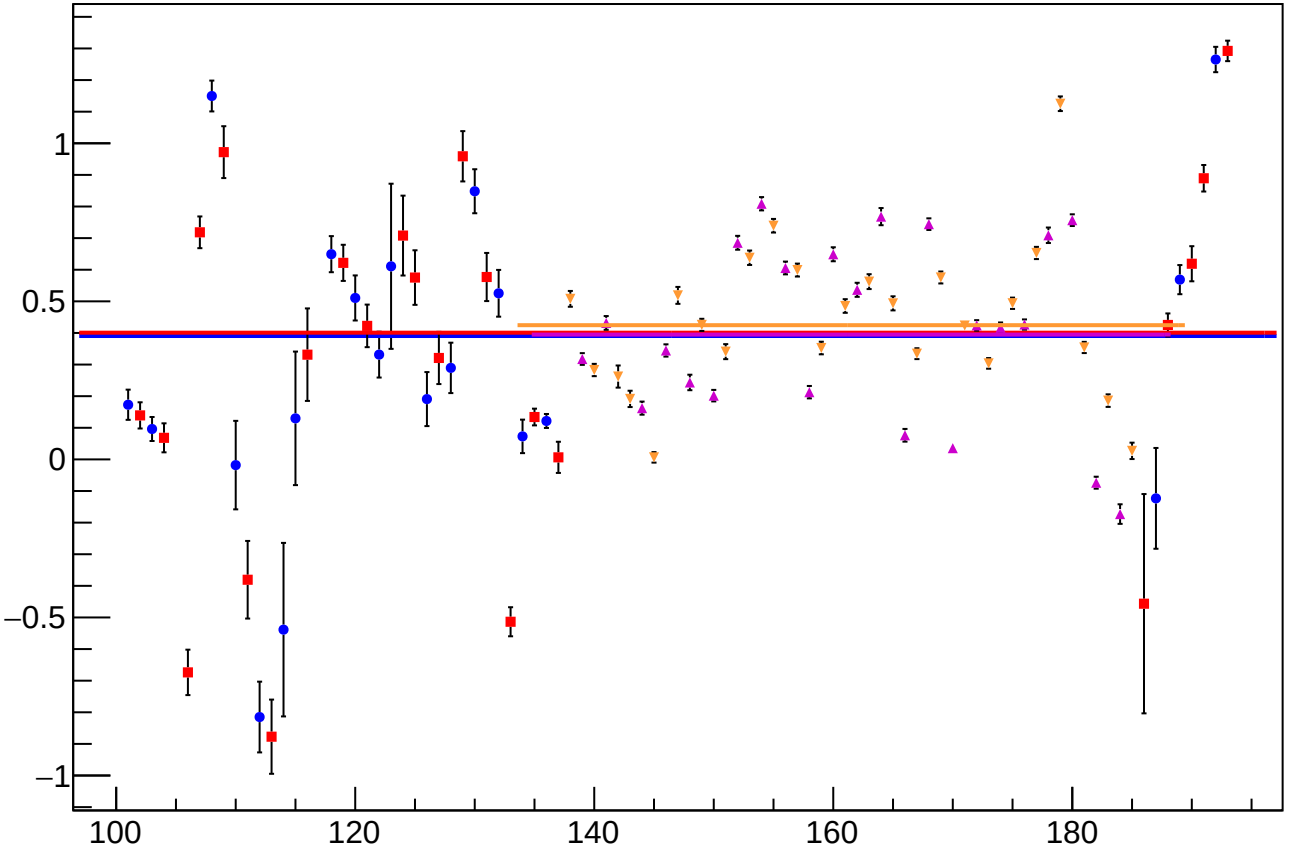
Right: -94.128+/-0.164 χ^2/NDF: 27874.8/42

In: -73.316+/-0.085 χ^2/NDF:33379.1/42

Out: -74.260+/-0.083 χ^2/NDF:41702.8/47

All: -73.800+/-0.060 χ^2/NDF: 75144.7/90

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.390+/-0.012 χ^2/NDF: 1223.9/19

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.401+/-0.011 χ^2/NDF: 2121.1/22

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

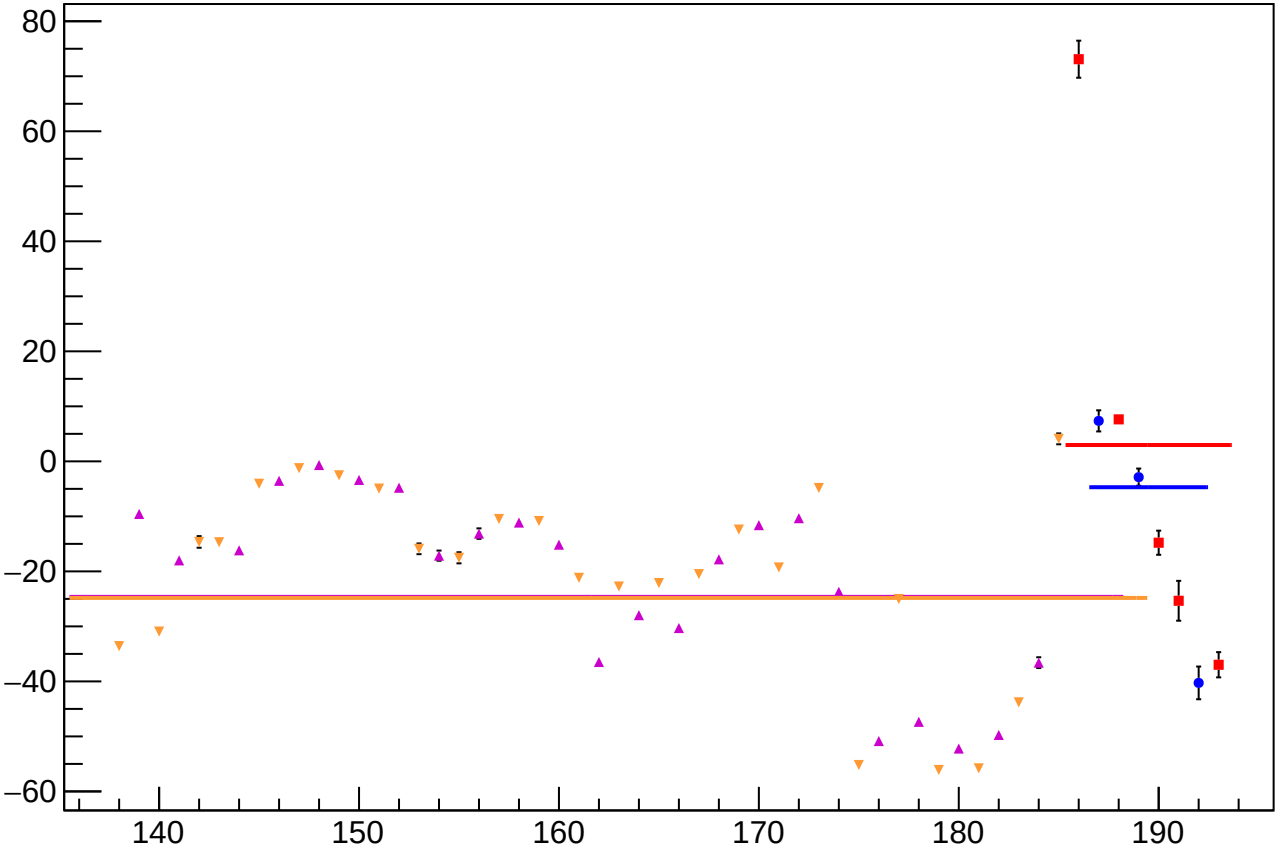
Right: 0.396+/-0.008 χ^2/NDF: 3345.4/42

In: 0.394+/-0.004 χ^2/NDF:5287.2/42

Out: 0.422+/-0.004 χ^2/NDF:4992.1/47

All: 0.408+/-0.003 χ^2/NDF: 10304.1/90

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.703+/-1.122 χ^2/NDF: 183.9/2

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: 2.969+/-0.686 χ^2/NDF: 897.7/4

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

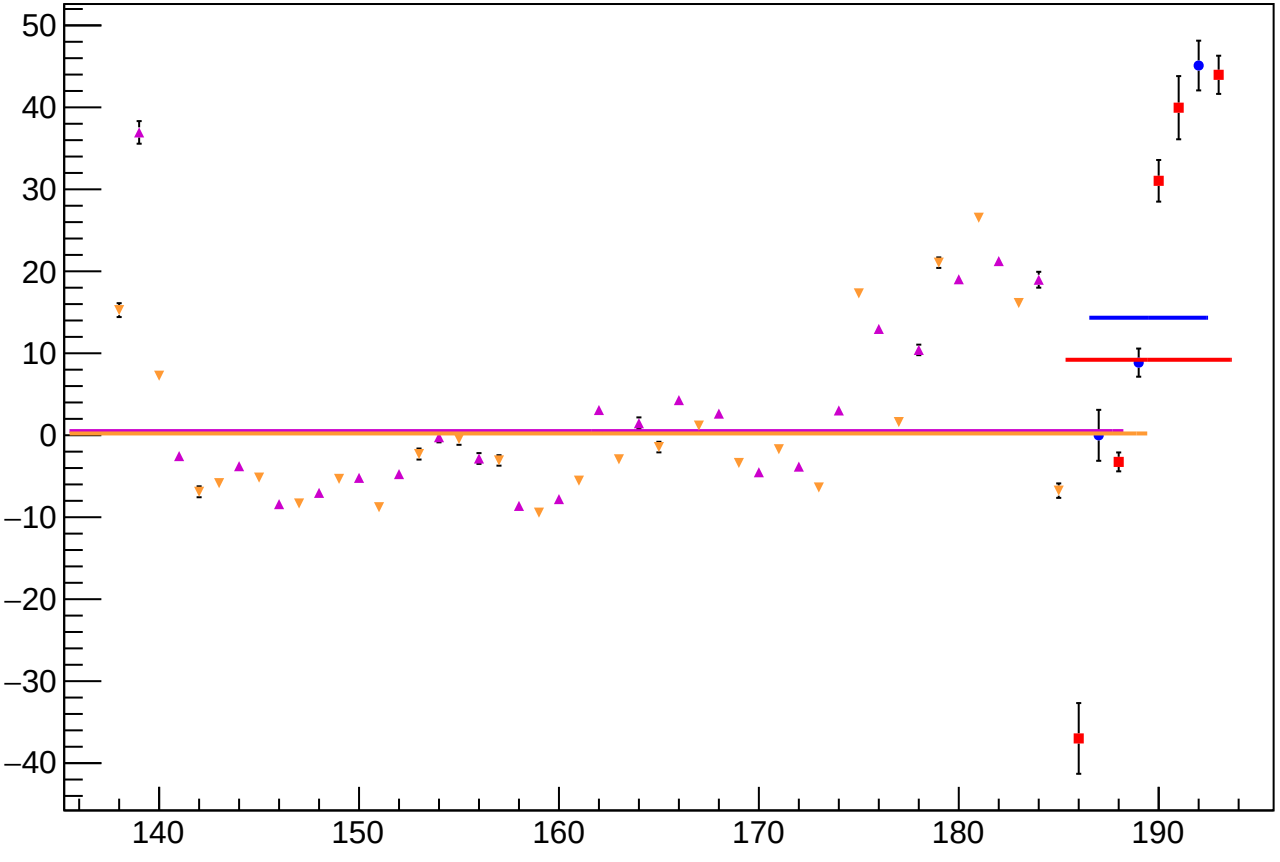
Right: 0.879+/-0.586 χ^2/NDF: 1115.6/7

In: -24.320+/-0.141 χ^2/NDF:15442.5/25

Out: -23.719+/-0.137 χ^2/NDF:20746.5/29

All: -24.011+/-0.098 χ^2/NDF: 36198.4/55

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.338+/-1.347 χ^2/NDF: 134.3/2

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 9.208+/-0.908 χ^2/NDF: 591.7/4

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

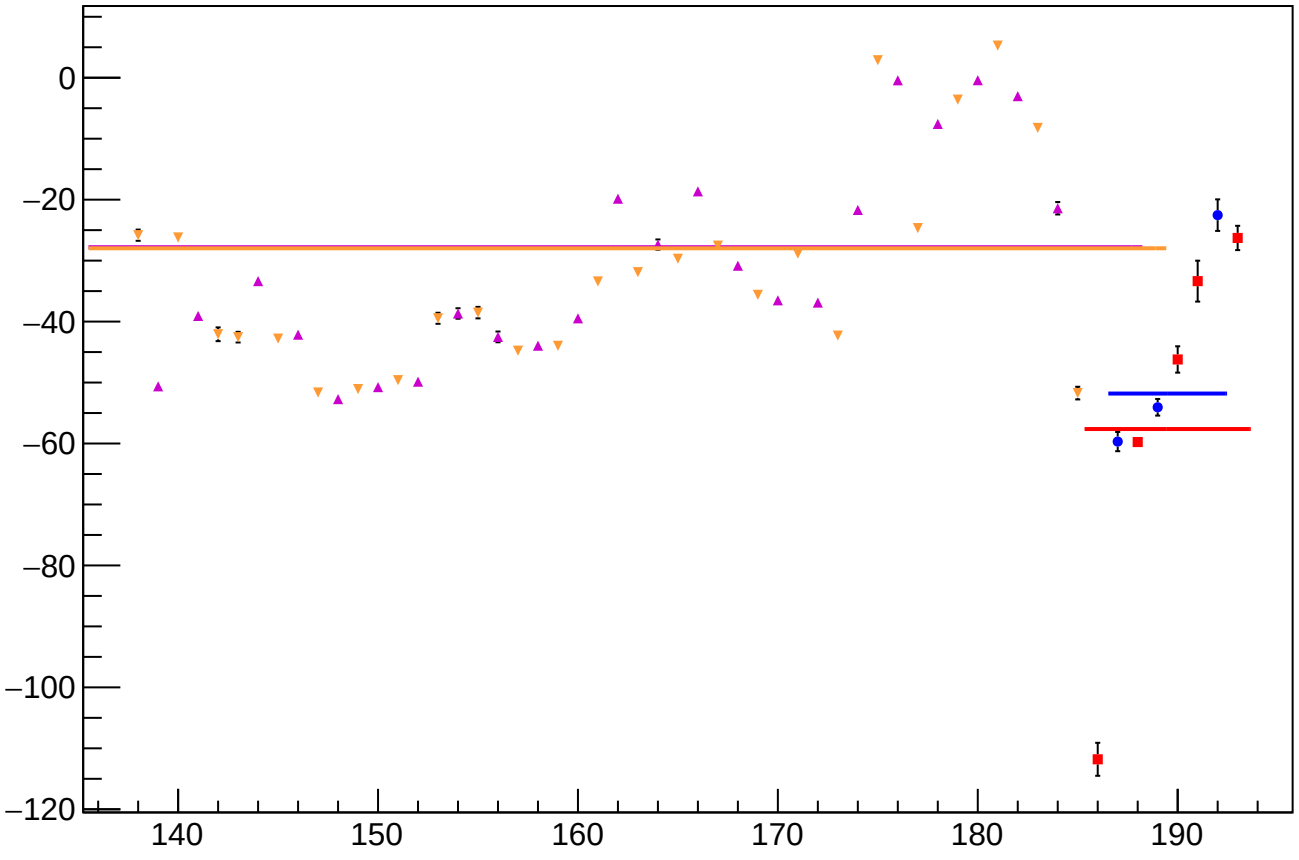
Right: 10.810+/-0.753 χ^2/NDF: 736.0/7

In: 0.602+/-0.111 χ^2/NDF:6865.9/25

Out: 0.345+/-0.108 χ^2/NDF:8941.0/29

All: 0.469+/-0.078 χ^2/NDF: 15809.7/55

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.804+/-0.959 χ^2/NDF: 155.5/2

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -57.625+/-0.570 χ^2/NDF: 739.4/4

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

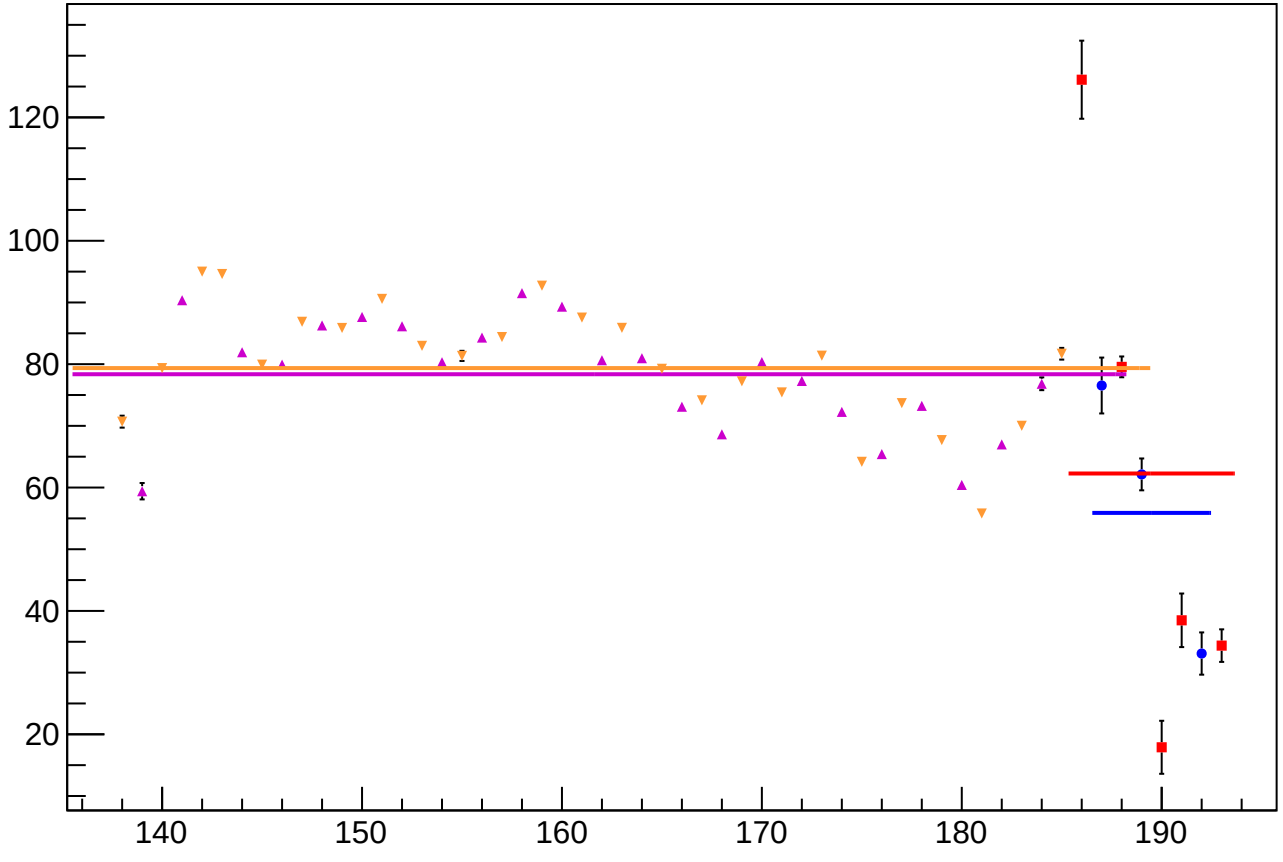
Right: -56.105+/-0.490 χ^2/NDF: 922.1/7

In: -28.310+/-0.140 χ^2/NDF:15962.2/25

Out: -29.666+/-0.136 χ^2/NDF:20368.8/29

All: -29.008+/-0.098 χ^2/NDF: 36379.2/55

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.890+/-1.876 χ^2/NDF: 70.9/2

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 62.277+/-1.262 χ^2/NDF: 455.3/4

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

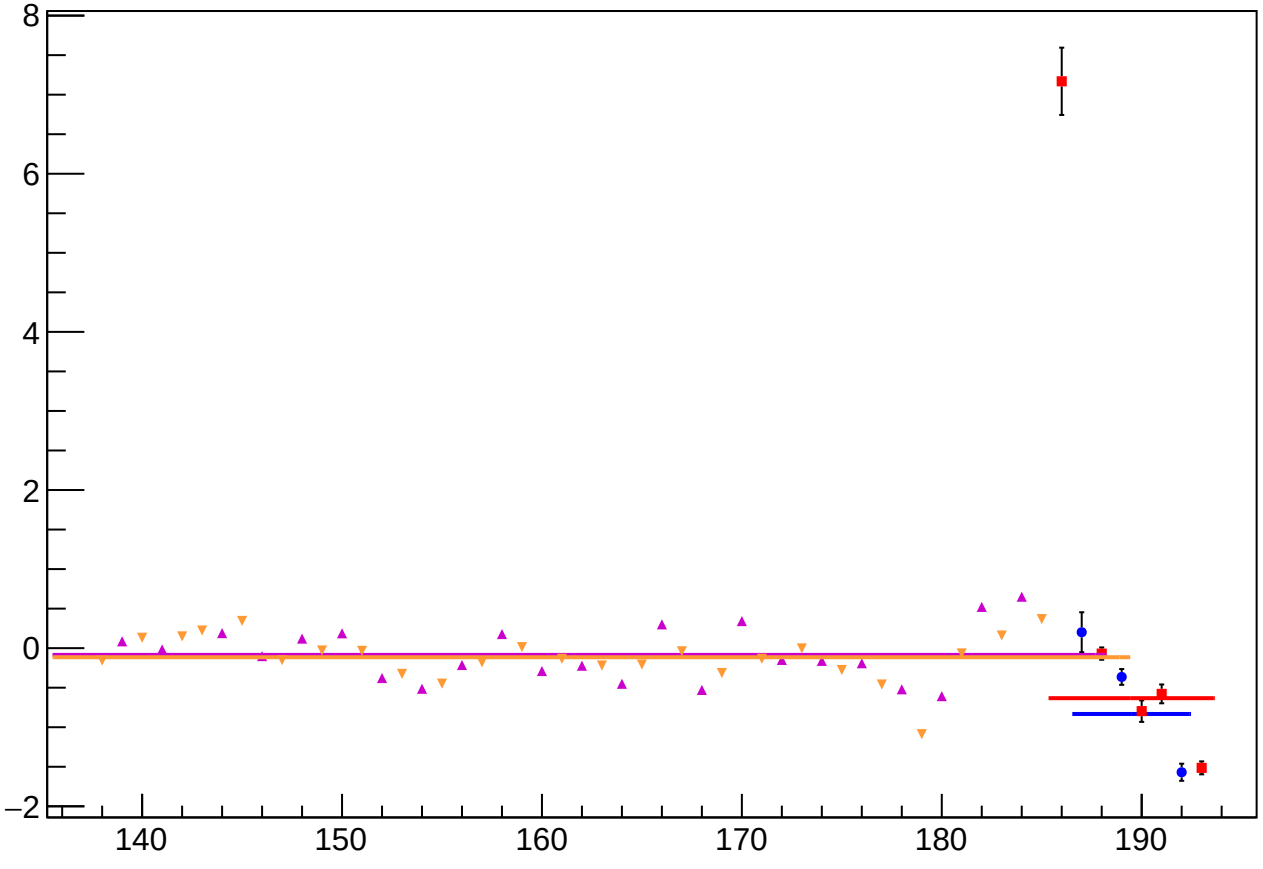
Right: 60.286+/-1.047 χ^2/NDF: 534.2/7

In: 78.266+/-0.126 χ^2/NDF:4949.3/25

Out: 79.202+/-0.123 χ^2/NDF:6603.1/29

All: 78.745+/-0.088 χ^2/NDF: 11580.6/55

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.832+/-0.070 χ^2/NDF: 85.2/2

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.633+/-0.047 χ^2/NDF: 506.0/4

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

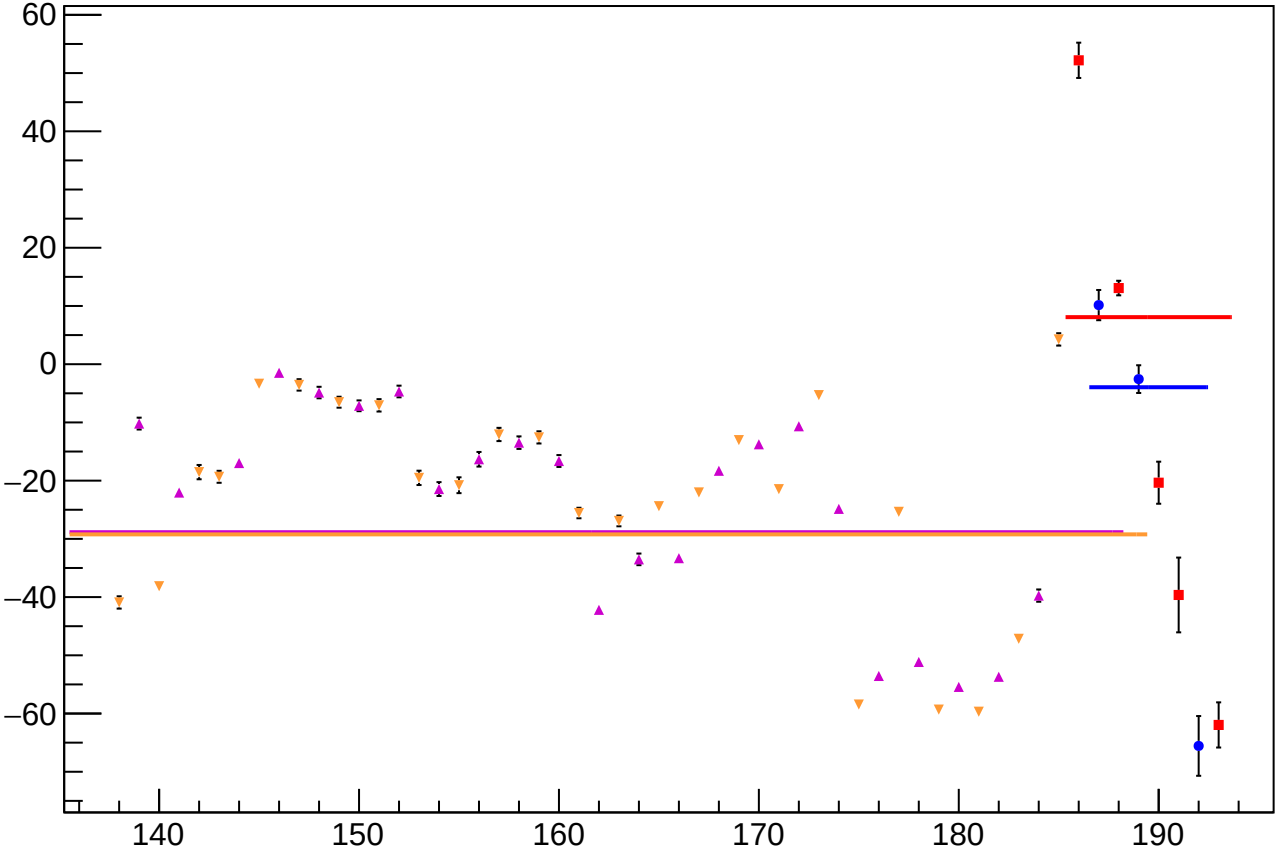
Right: -0.695+/-0.039 χ^2/NDF: 596.7/7

In: -0.090+/-0.006 χ^2/NDF:3345.4/25

Out: -0.122+/-0.006 χ^2/NDF:2912.1/29

All: -0.106+/-0.004 χ^2/NDF: 6273.3/55

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.956+/-1.660 χ^2/NDF: 174.0/2

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: 8.082+/-1.046 χ^2/NDF: 671.0/4

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

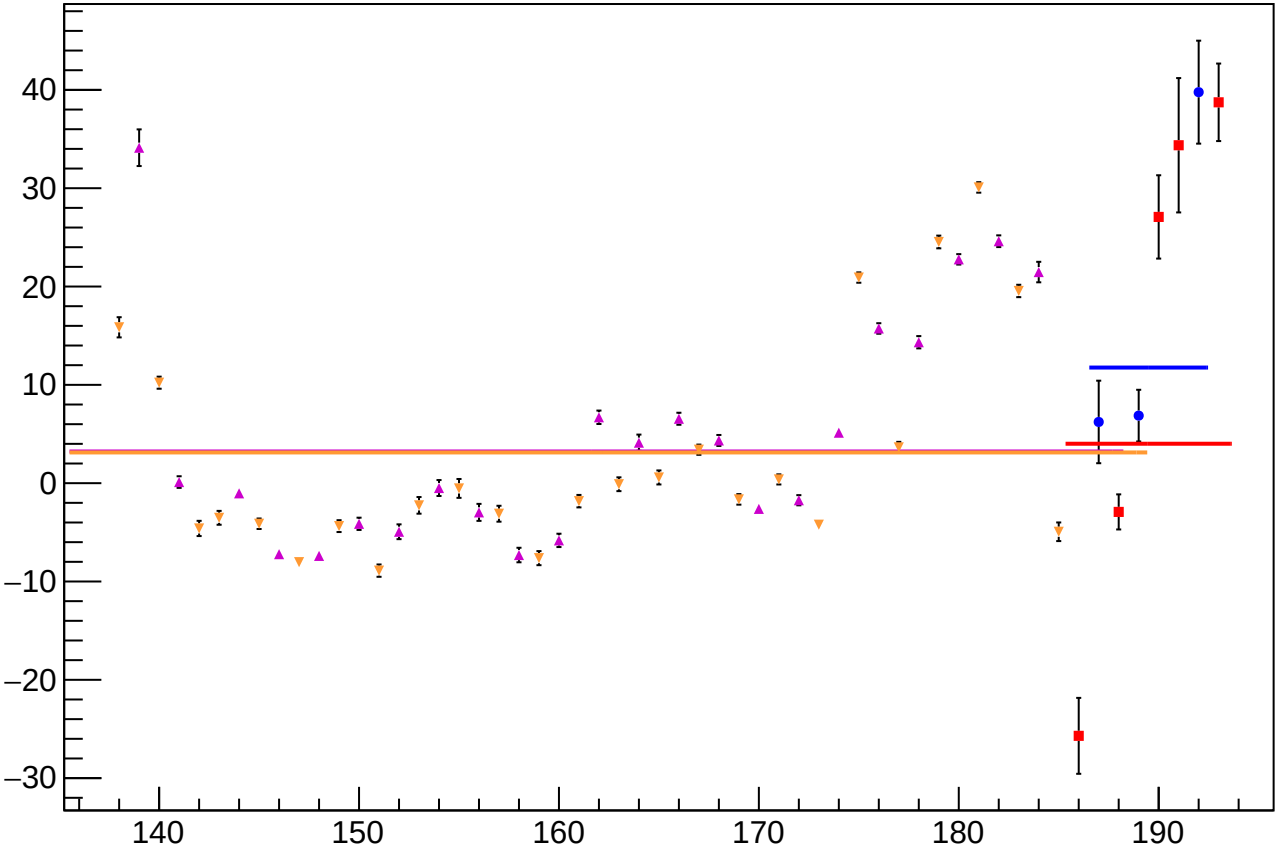
Right: 4.661+/-0.885 χ^2/NDF: 882.6/7

In: -28.630+/-0.158 χ^2/NDF:13950.5/25

Out: -28.405+/-0.155 χ^2/NDF:18795.1/29

All: -28.516+/-0.111 χ^2/NDF: 32746.7/55

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.759+/-2.050 χ^2/NDF: 33.8/2

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 4.011+/-1.384 χ^2/NDF: 201.3/4

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

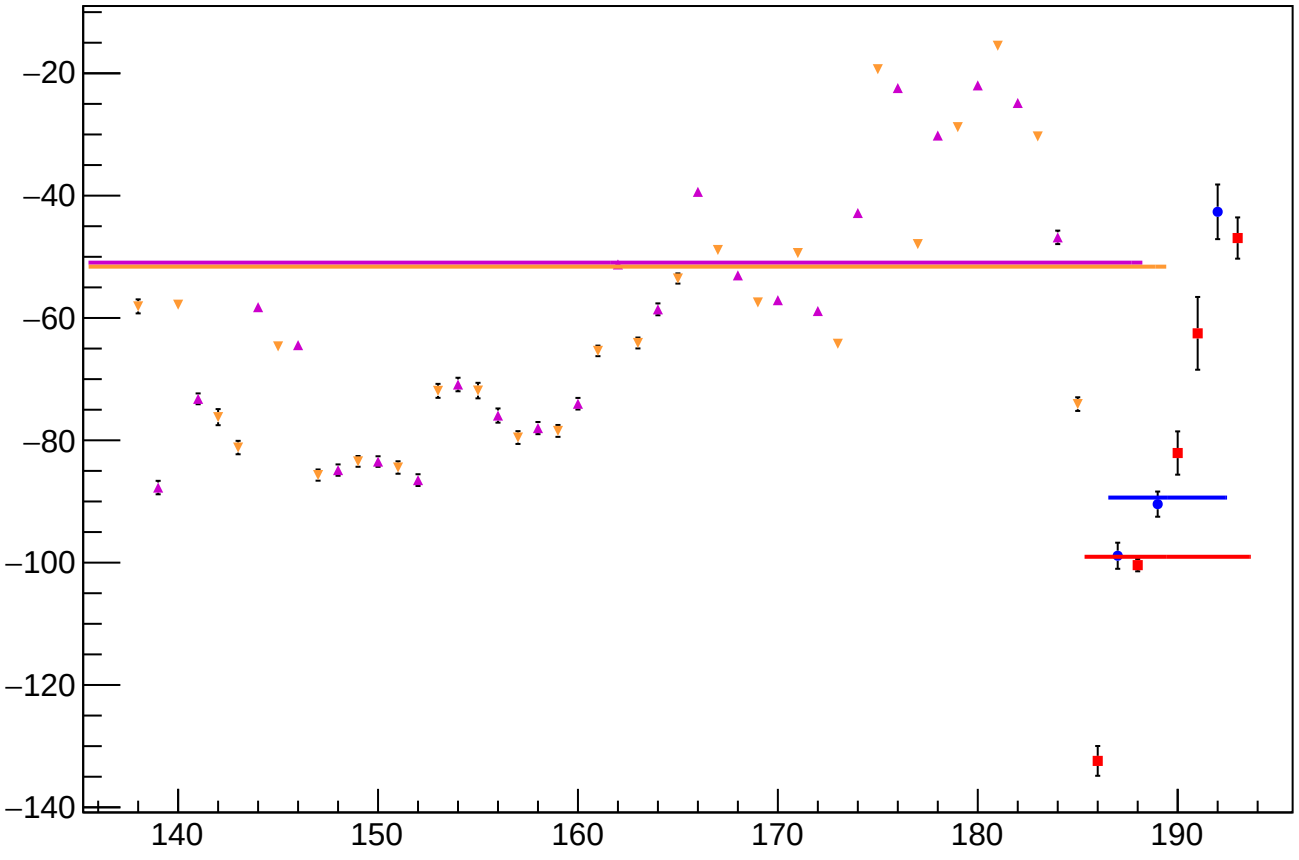
Right: 6.436+/-1.147 χ^2/NDF: 244.9/7

In: 3.256+/-0.126 χ^2/NDF:6325.1/25

Out: 3.133+/-0.124 χ^2/NDF:8250.7/29

All: 3.194+/-0.089 χ^2/NDF: 14576.3/55

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.363+/-1.406 χ^2/NDF: 129.5/2

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -99.042+/-0.863 χ^2/NDF: 489.1/4

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

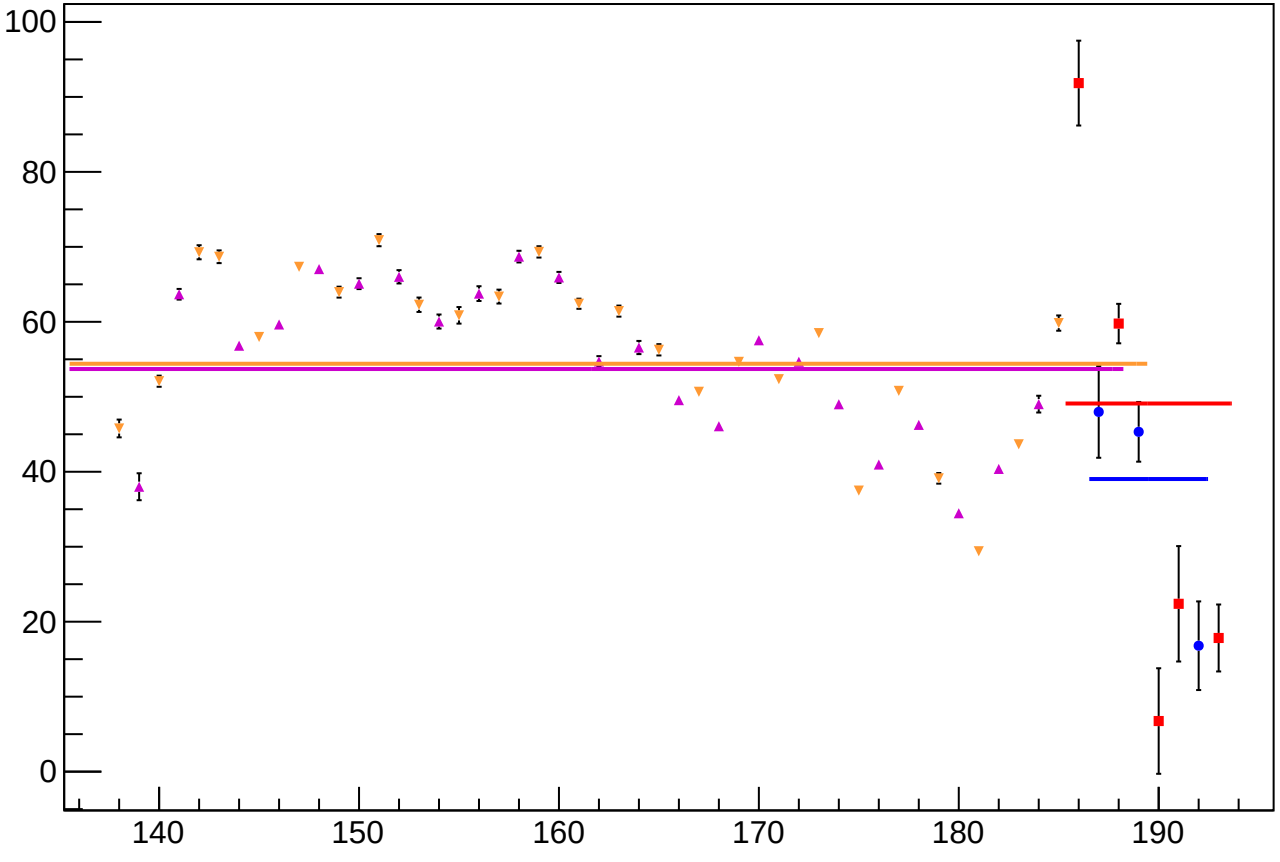
Right: -96.395+/-0.735 χ^2/NDF: 653.0/7

In: -51.442+/-0.158 χ^2/NDF:18338.3/25

Out: -53.151+/-0.156 χ^2/NDF:22798.2/29

All: -52.312+/-0.111 χ^2/NDF: 41195.8/55

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.030+/-2.906 χ^2/NDF: 18.8/2

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 49.104+/-1.951 χ^2/NDF: 170.7/4

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

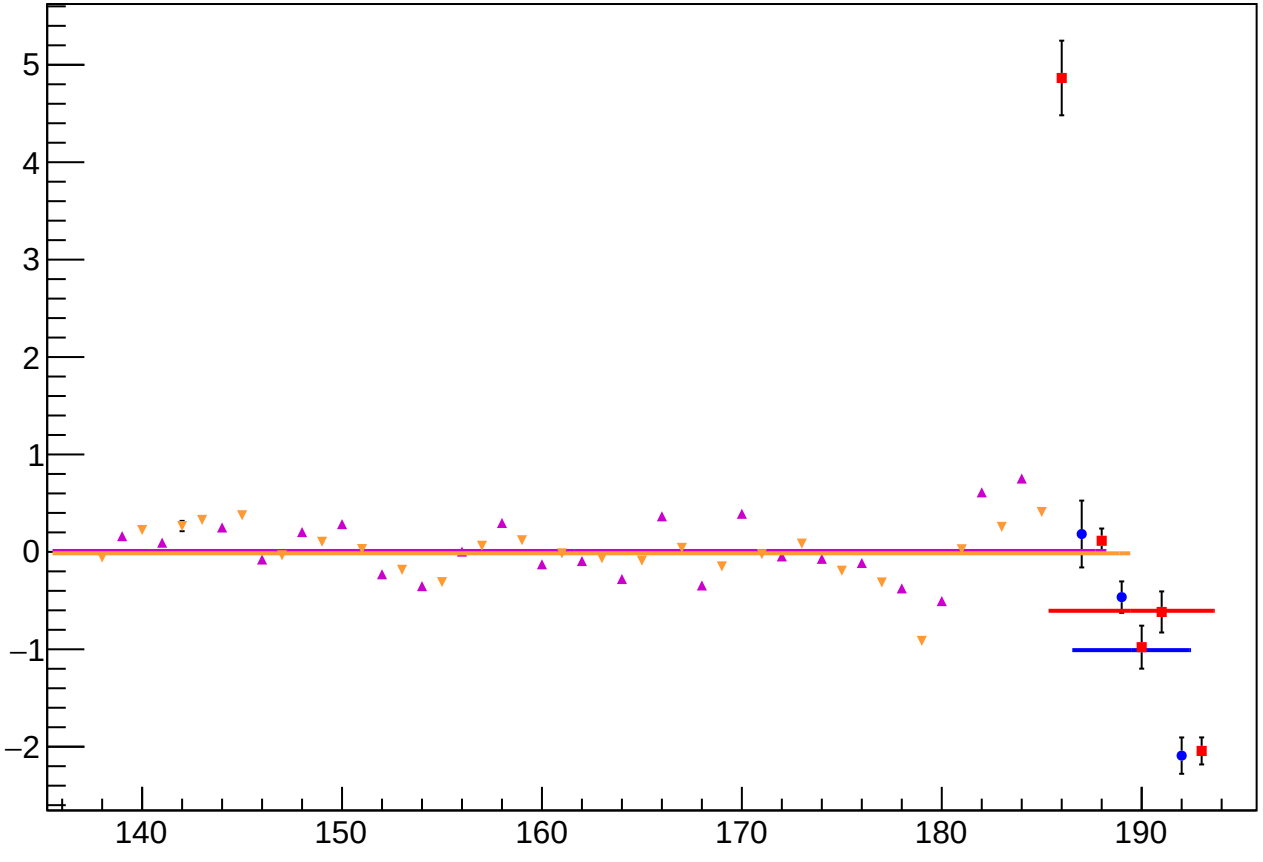
Right: 45.976+/-1.620 χ^2/NDF: 197.8/7

In: 53.668+/-0.142 χ^2/NDF:4647.7/25

Out: 54.379+/-0.140 χ^2/NDF:6378.5/29

All: 54.029+/-0.100 χ^2/NDF: 11038.9/55

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.009+/-0.115 χ^2/NDF: 57.2/2

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -0.605+/-0.078 χ^2/NDF: 346.9/4

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

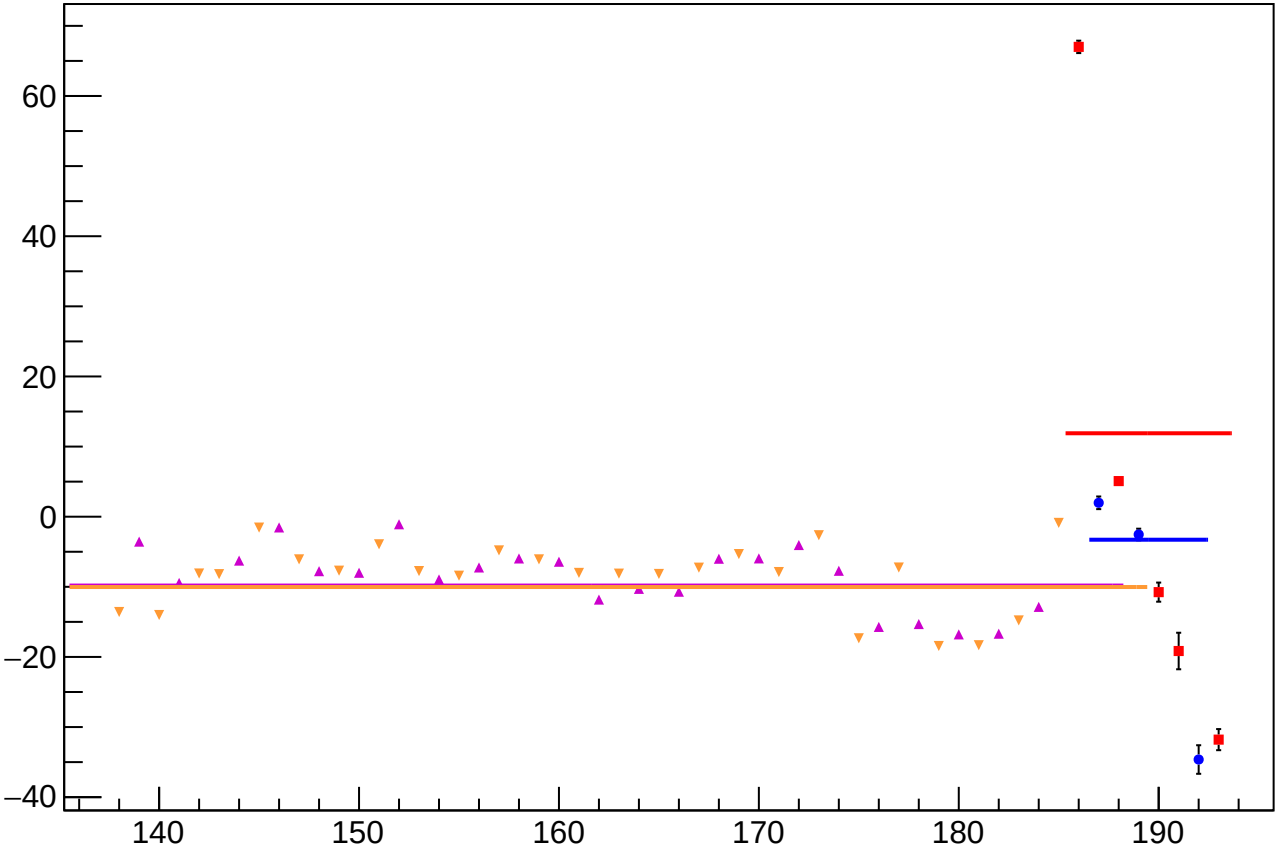
Right: -0.732+/-0.064 χ^2/NDF: 412.7/7

In: 0.006+/-0.007 χ^2/NDF:2364.5/25

Out: -0.019+/-0.006 χ^2/NDF:2049.9/29

All: -0.006+/-0.005 χ^2/NDF: 4421.7/55

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.283+/-0.585 χ^2/NDF: 271.7/2

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 11.898+/-0.367 χ^2/NDF: 5372.9/4

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

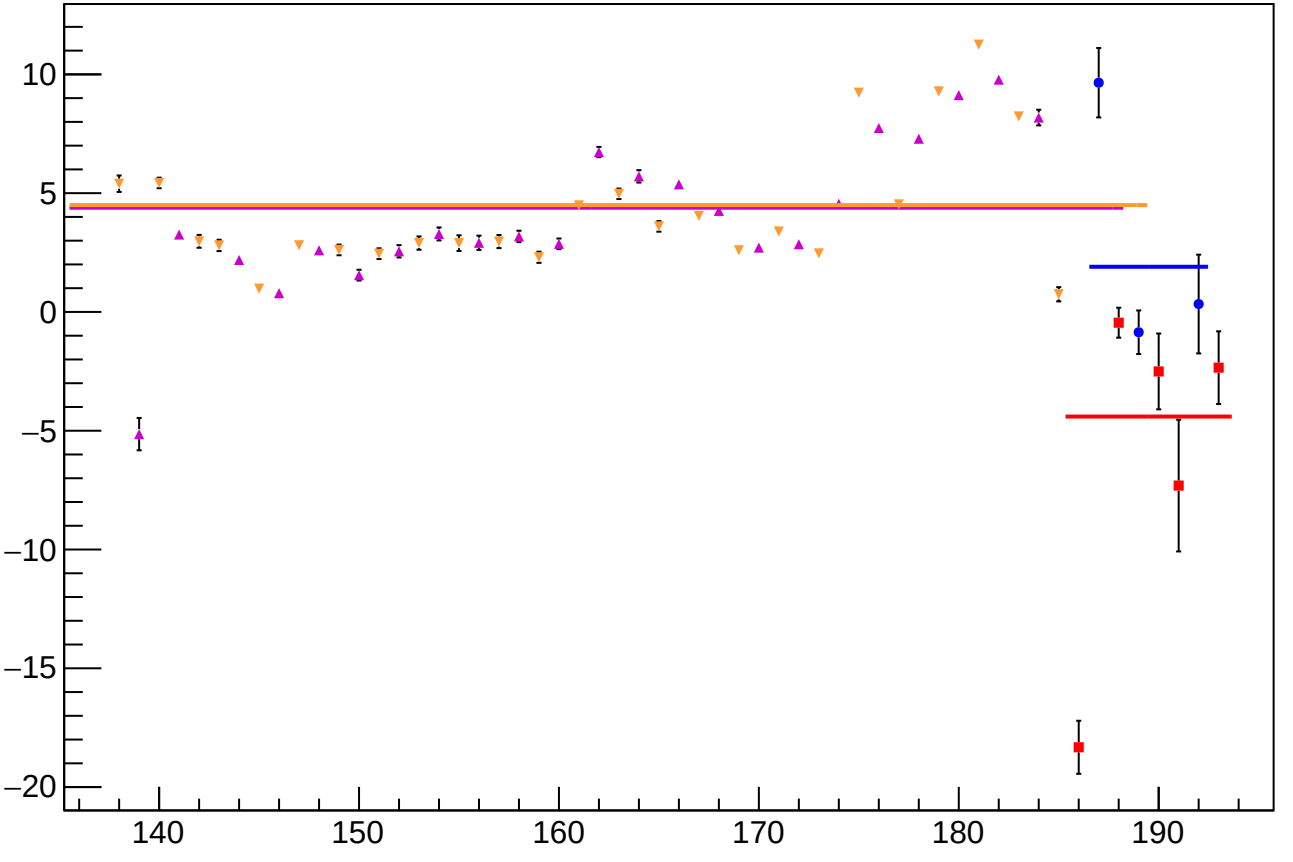
Right: 7.613+/-0.311 χ^2/NDF: 6128.5/7

In: -9.770+/-0.051 χ^2/NDF:9864.6/25

Out: -9.618+/-0.050 χ^2/NDF:21413.2/29

All: -9.693+/-0.036 χ^2/NDF: 31282.3/55

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.902+/-0.728 χ^2/NDF: 37.7/2

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -4.403+/-0.484 χ^2/NDF: 199.1/4

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

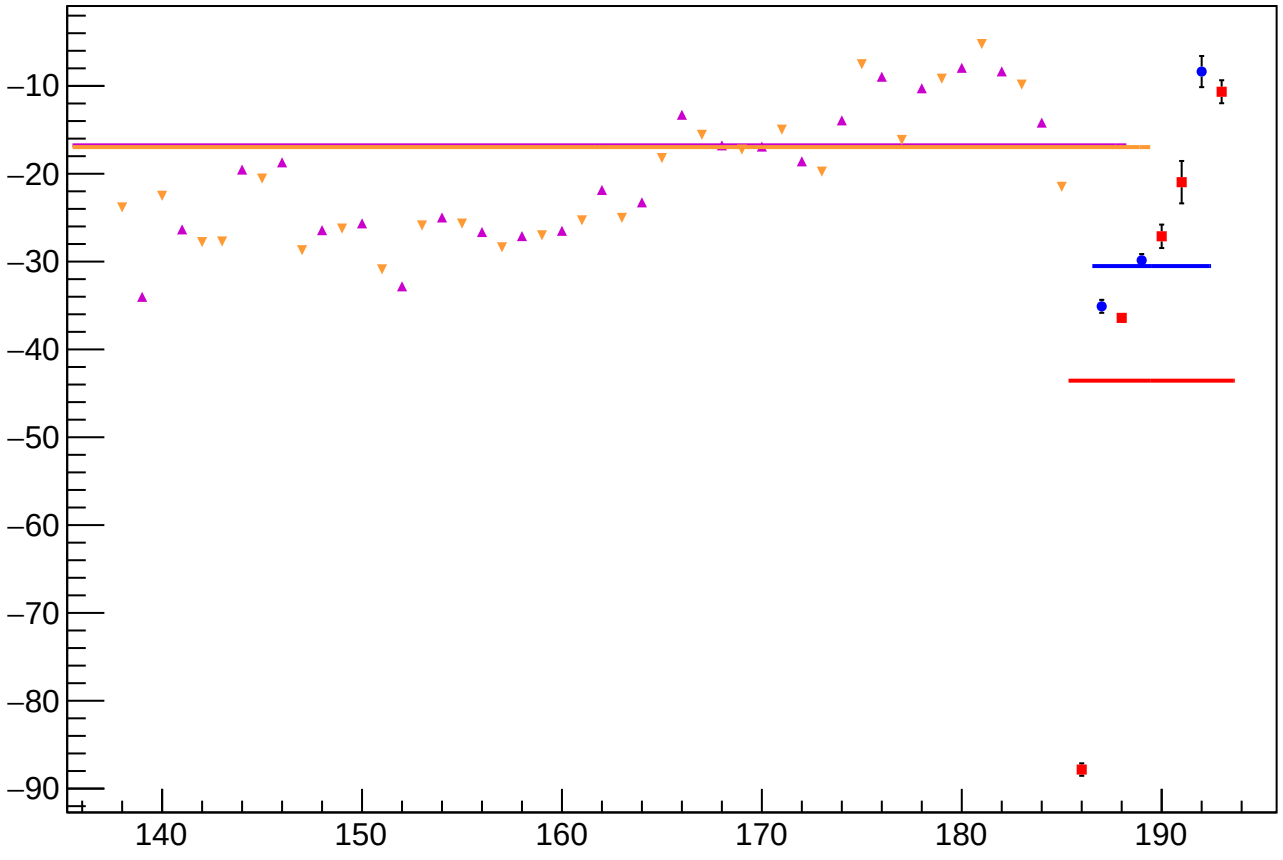
Right: -2.469+/-0.403 χ^2/NDF: 288.9/7

In: 4.380+/-0.041 χ^2/NDF:4315.8/25

Out: 4.436+/-0.041 χ^2/NDF:5344.1/29

All: 4.408+/-0.029 χ^2/NDF: 9660.8/55

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -30.510+/-0.493 χ^2/NDF: 195.1/2

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -43.556+/-0.301 χ^2/NDF: 5145.1/4

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

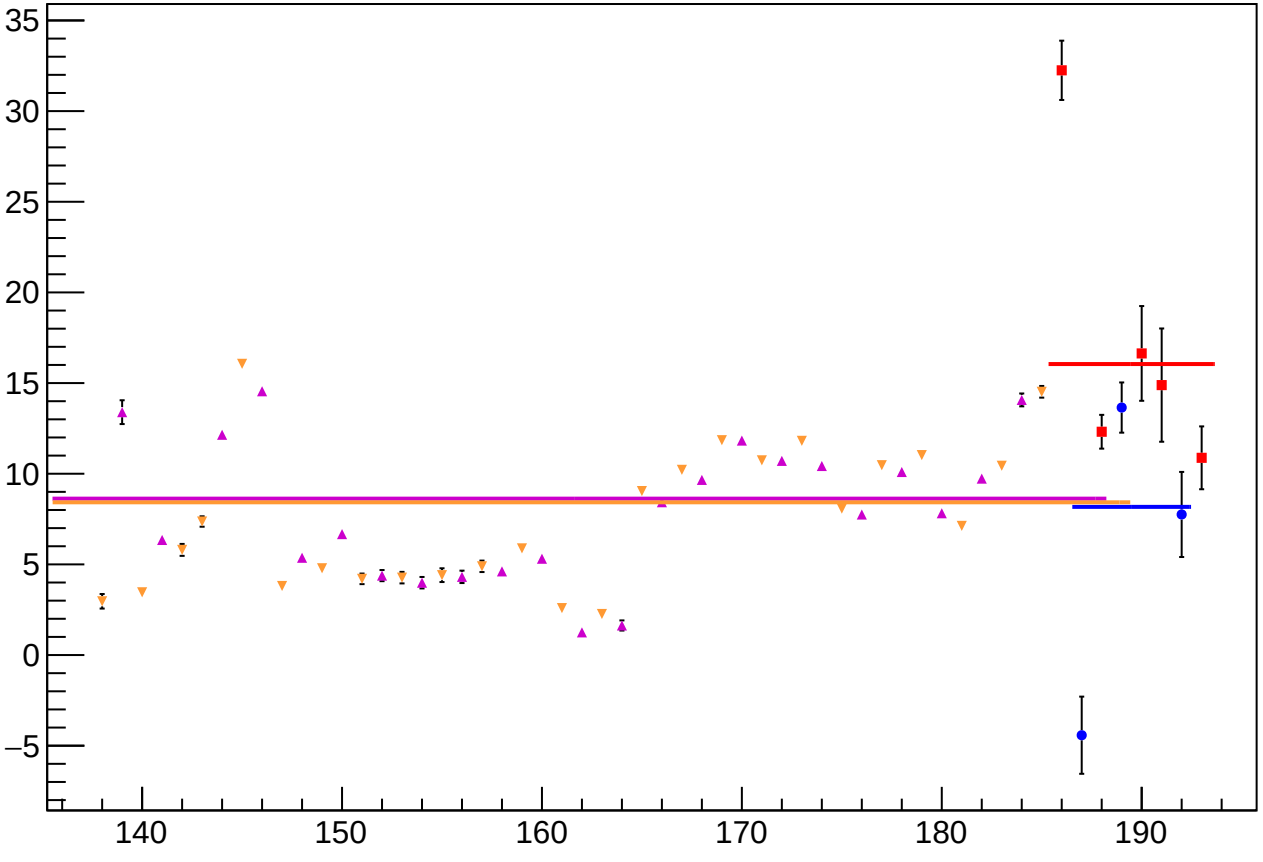
Right: -40.010+/-0.257 χ^2/NDF: 5850.6/7

In: -16.912+/-0.051 χ^2/NDF:20002.6/25

Out: -17.711+/-0.050 χ^2/NDF:34629.7/29

All: -17.316+/-0.036 χ^2/NDF: 54756.2/55

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.172+/-1.040 χ^2/NDF: 50.7/2

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 16.049+/-0.689 χ^2/NDF: 123.3/4

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

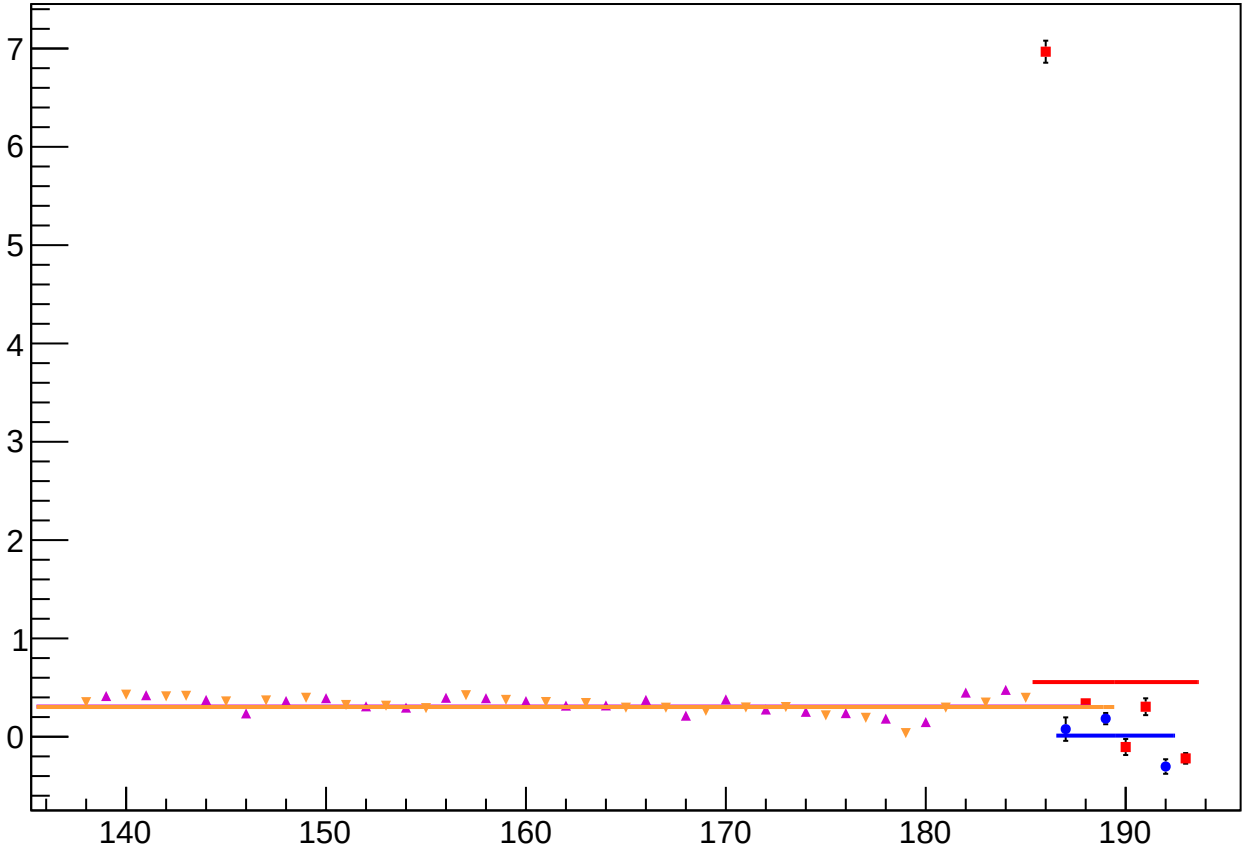
Right: 13.649+/-0.574 χ^2/NDF: 213.9/7

In: 8.625+/-0.046 χ^2/NDF:5582.7/25

Out: 8.457+/-0.046 χ^2/NDF:6724.0/29

All: 8.540+/-0.032 χ^2/NDF: 12313.4/55

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.042 χ^2/NDF: 27.5/2

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.556+/-0.029 χ^2/NDF: 3571.7/4

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

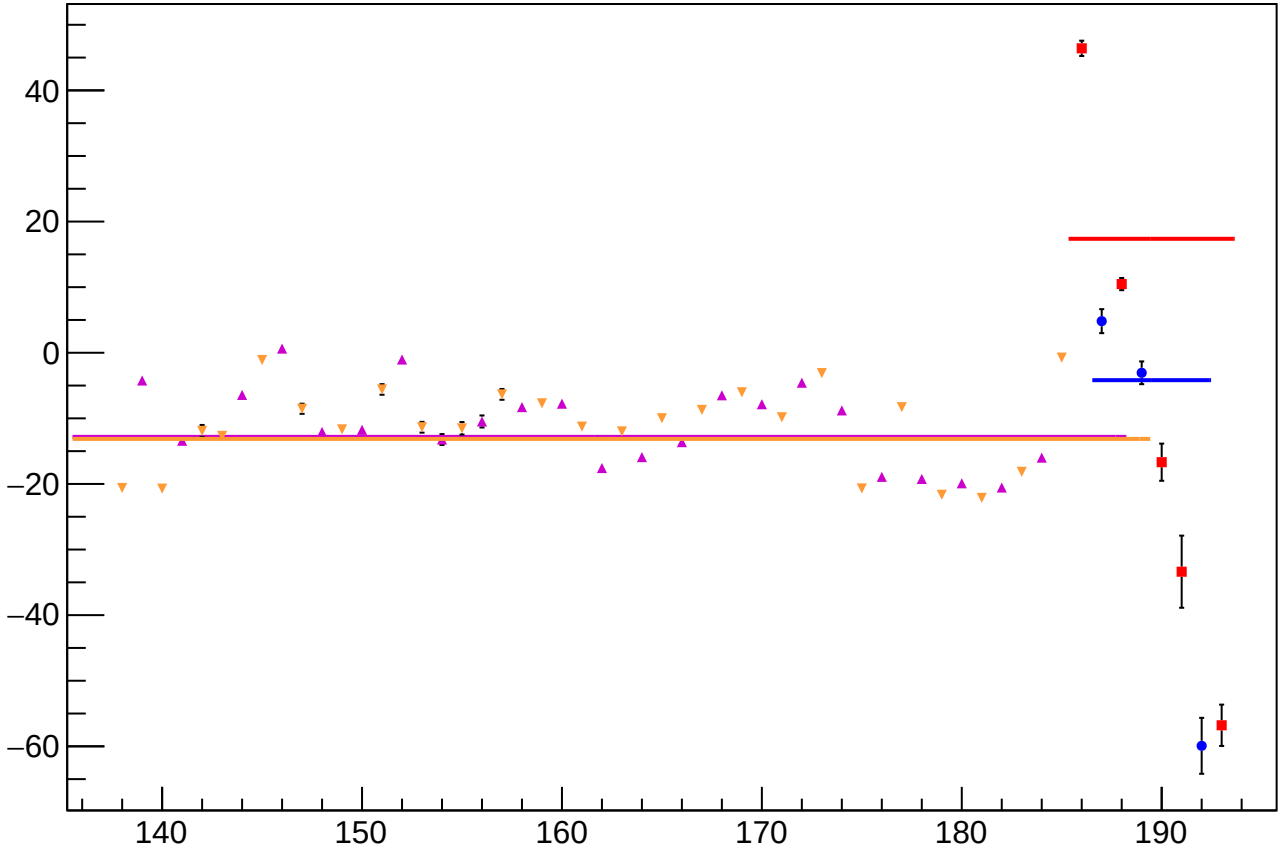
Right: 0.384+/-0.024 χ^2/NDF: 3712.4/7

In: 0.306+/-0.002 χ^2/NDF:1792.9/25

Out: 0.304+/-0.002 χ^2/NDF:5239.0/29

All: 0.305+/-0.001 χ^2/NDF: 7032.8/55

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.180+/-1.207 χ^2/NDF: 195.5/2

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 17.373+/-0.683 χ^2/NDF: 1458.4/4

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

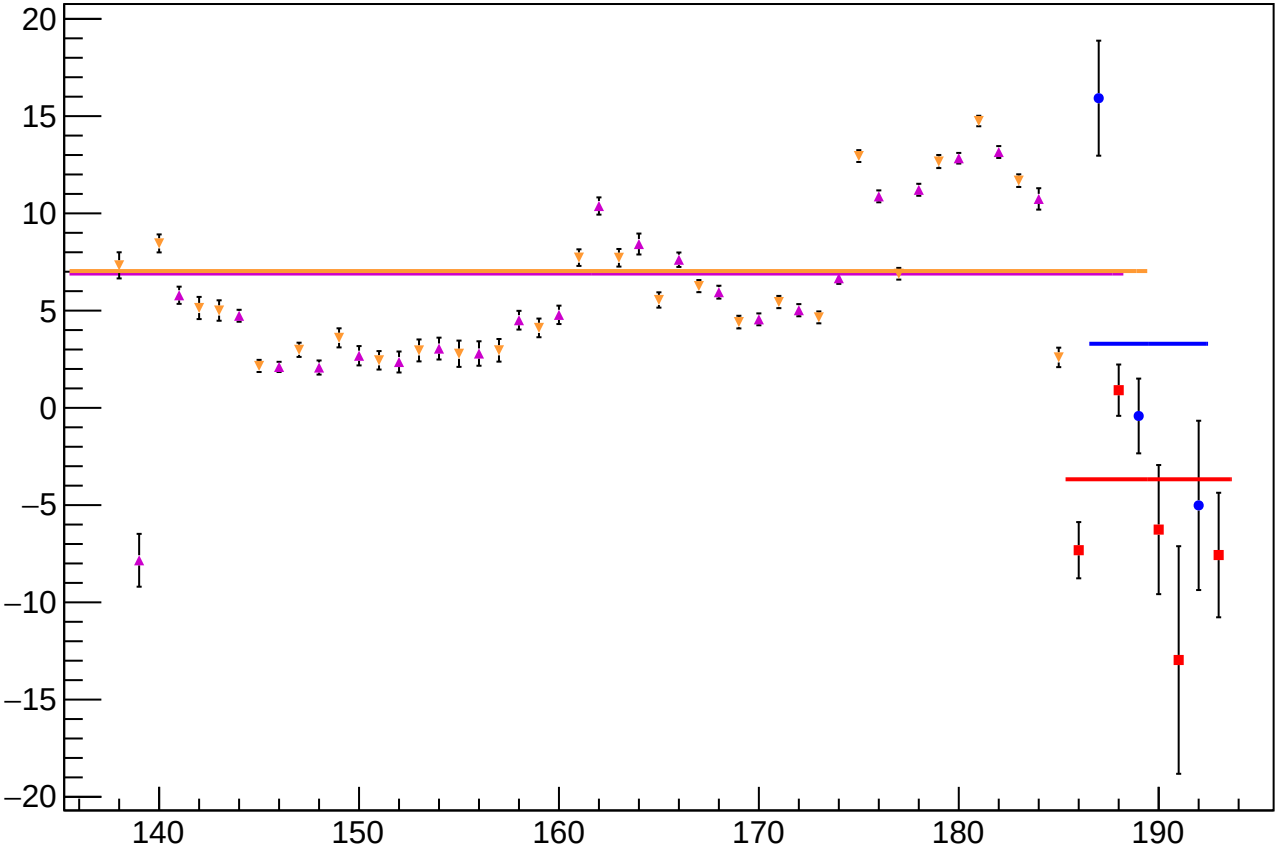
Right: 12.146+/-0.594 χ^2/NDF: 1895.5/7

In: -12.770+/-0.094 χ^2/NDF:5087.9/25

Out: -12.569+/-0.093 χ^2/NDF:9391.4/29

All: -12.668+/-0.066 χ^2/NDF: 14481.7/55

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.296+/-1.511 χ^2/NDF: 25.6/2

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -3.672+/-0.887 χ^2/NDF: 23.0/4

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

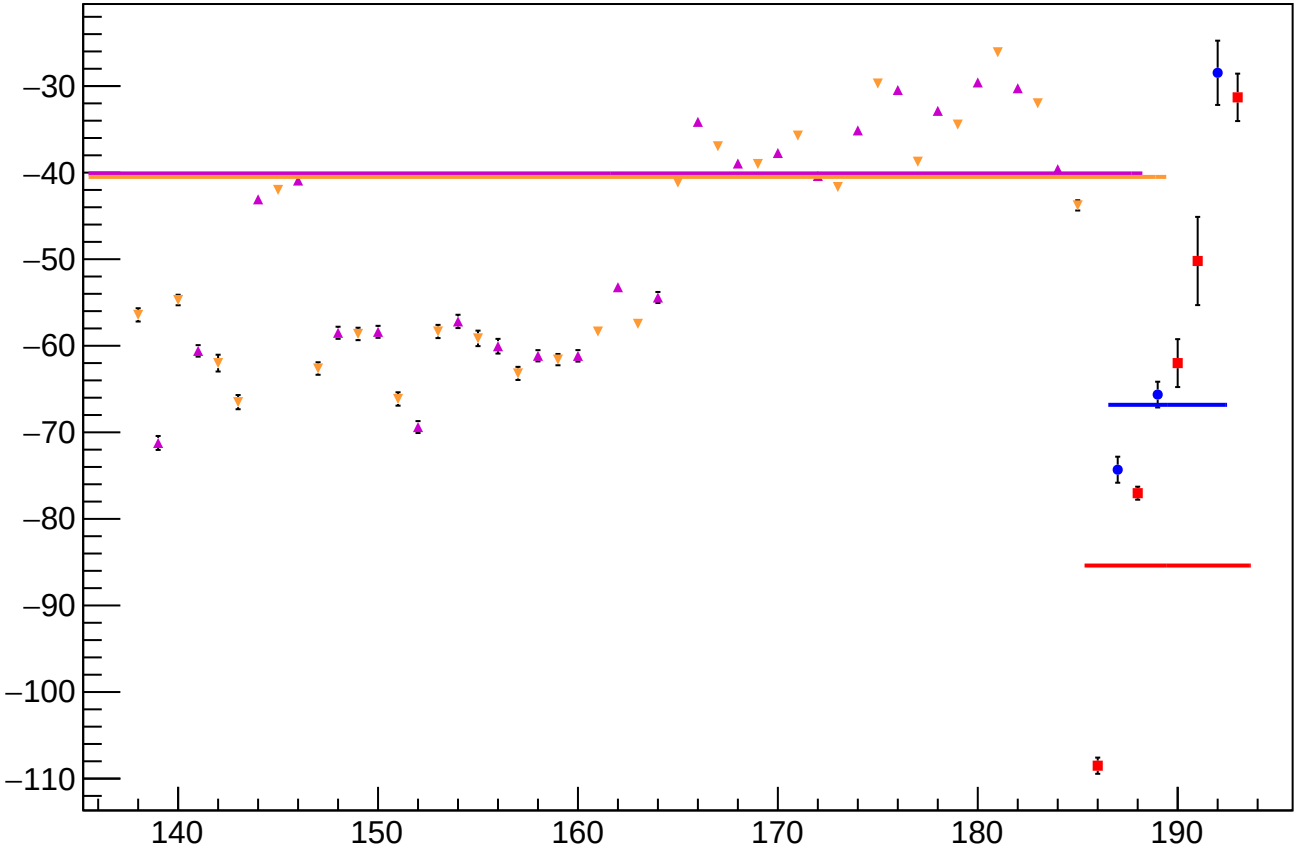
Right: -1.886+/-0.765 χ^2/NDF: 64.4/7

In: 6.897+/-0.077 χ^2/NDF:2474.1/25

Out: 6.953+/-0.077 χ^2/NDF:2825.0/29

All: 6.925+/-0.055 χ^2/NDF: 5299.5/55

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.822+/-1.017 χ^2/NDF: 132.2/2

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -85.388+/-0.558 χ^2/NDF: 1243.3/4

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

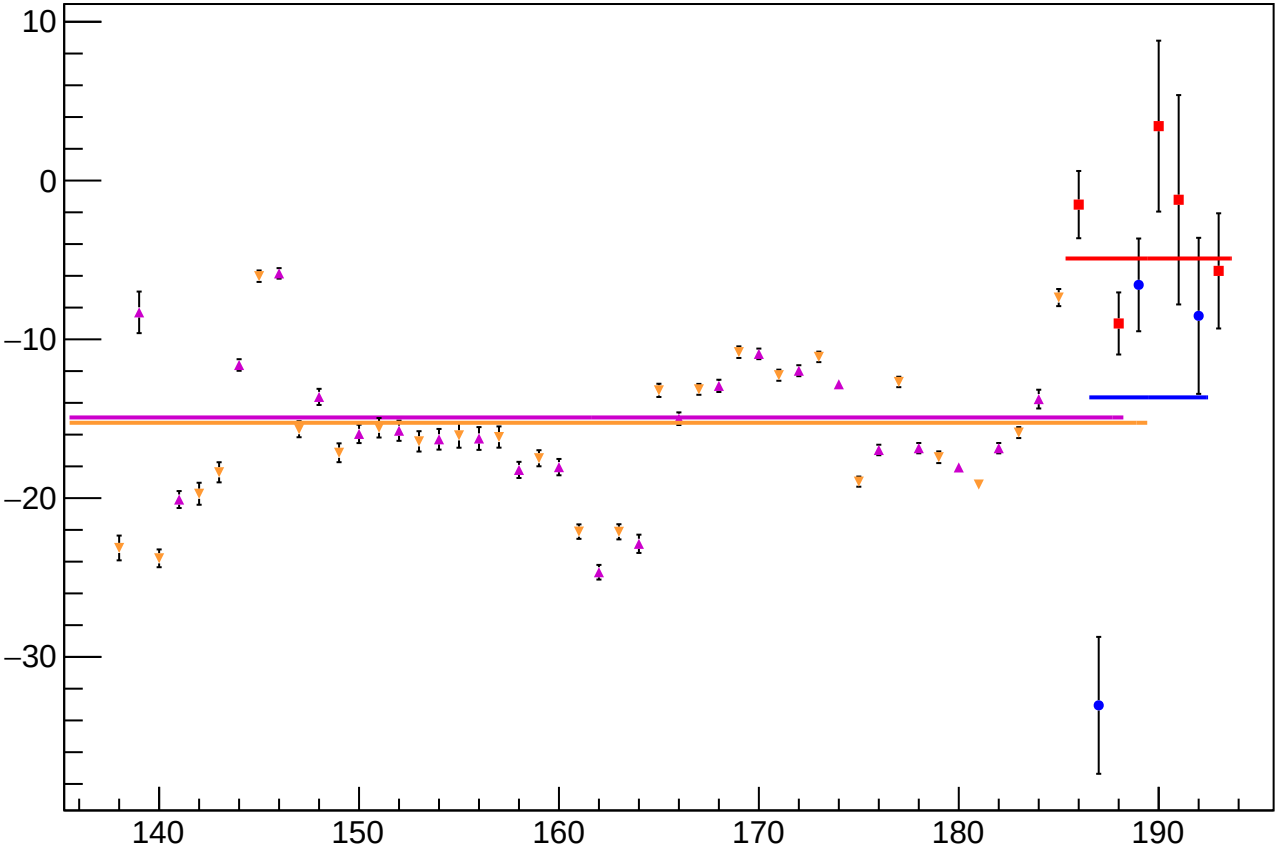
Right: -81.093+/-0.489 χ^2/NDF: 1631.9/7

In: -40.323+/-0.095 χ^2/NDF:14921.2/25

Out: -41.754+/-0.093 χ^2/NDF:22976.9/29

All: -41.049+/-0.067 χ^2/NDF: 38013.4/55

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.655+/-2.169 χ^2/NDF: 27.2/2

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.908+/-1.272 χ^2/NDF: 9.7/4

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

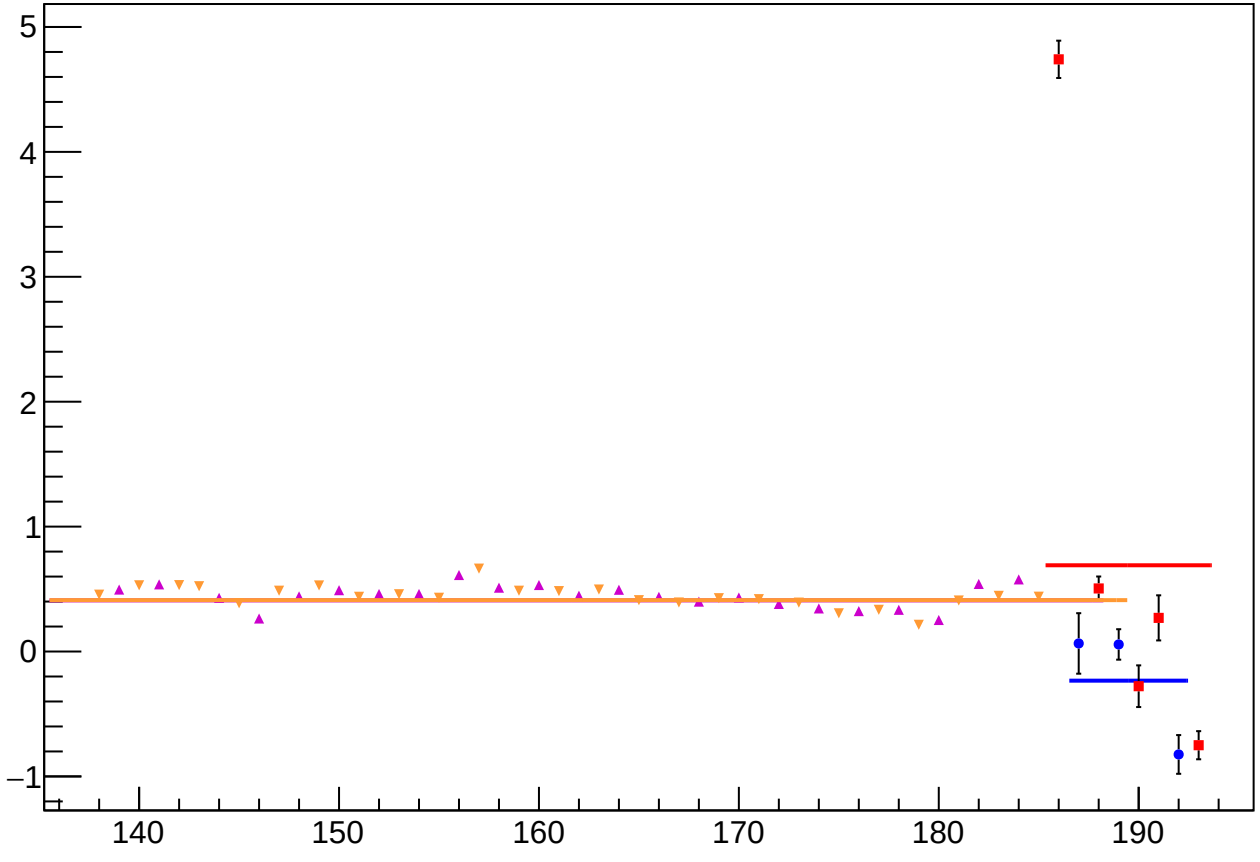
Right: -7.146+/-1.097 χ^2/NDF: 49.0/7

In: -14.917+/-0.086 χ^2/NDF:2235.3/25

Out: -15.207+/-0.086 χ^2/NDF:2670.0/29

All: -15.063+/-0.061 χ^2/NDF: 4910.9/55

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.233+/-0.089 χ^2/NDF: 21.7/2

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.690+/-0.058 χ^2/NDF: 941.8/4

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

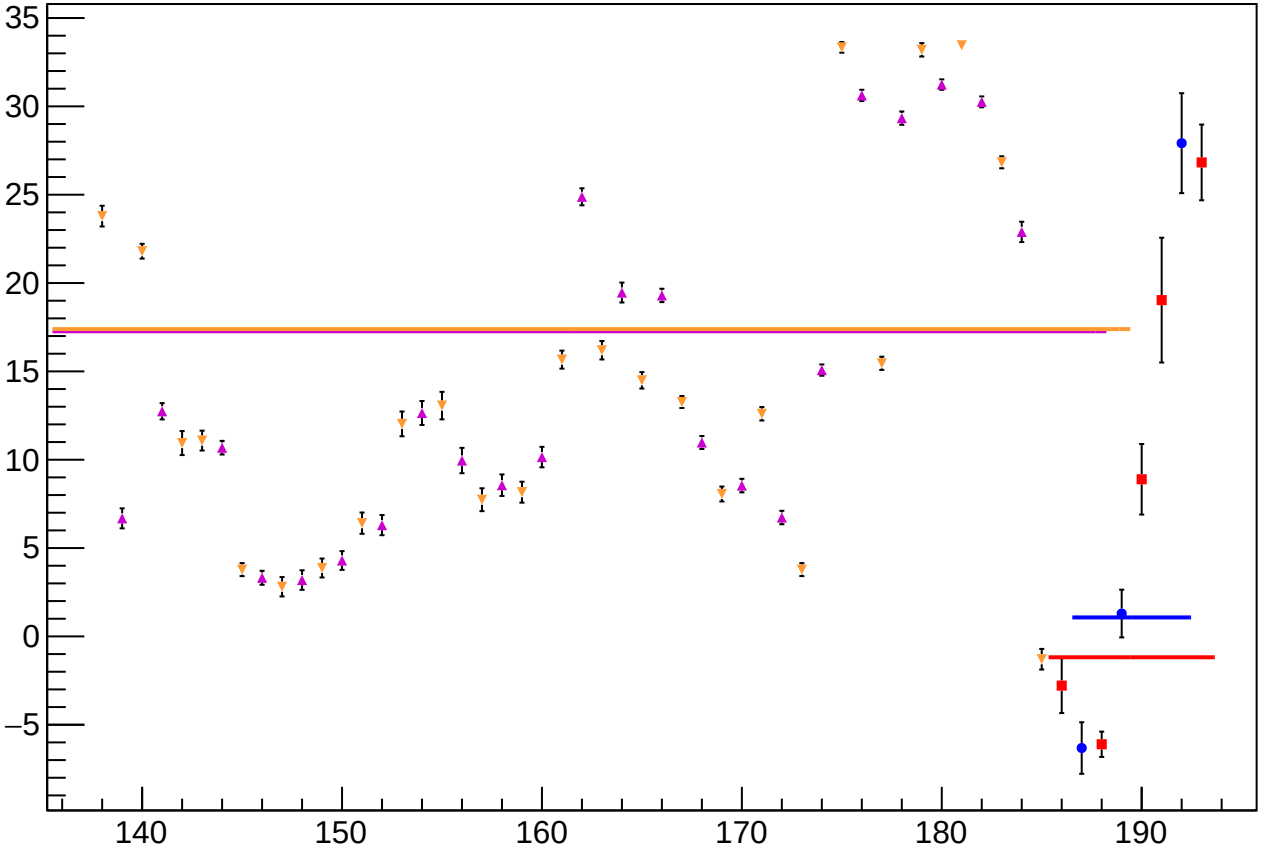
Right: 0.417+/-0.048 χ^2/NDF: 1039.1/7

In: 0.408+/-0.004 χ^2/NDF:635.5/25

Out: 0.413+/-0.004 χ^2/NDF:1393.8/29

All: 0.410+/-0.003 χ^2/NDF: 2030.0/55

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.075+/-0.935 χ^2/NDF: 115.7/2

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: -1.181+/-0.586 χ^2/NDF: 277.3/4

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

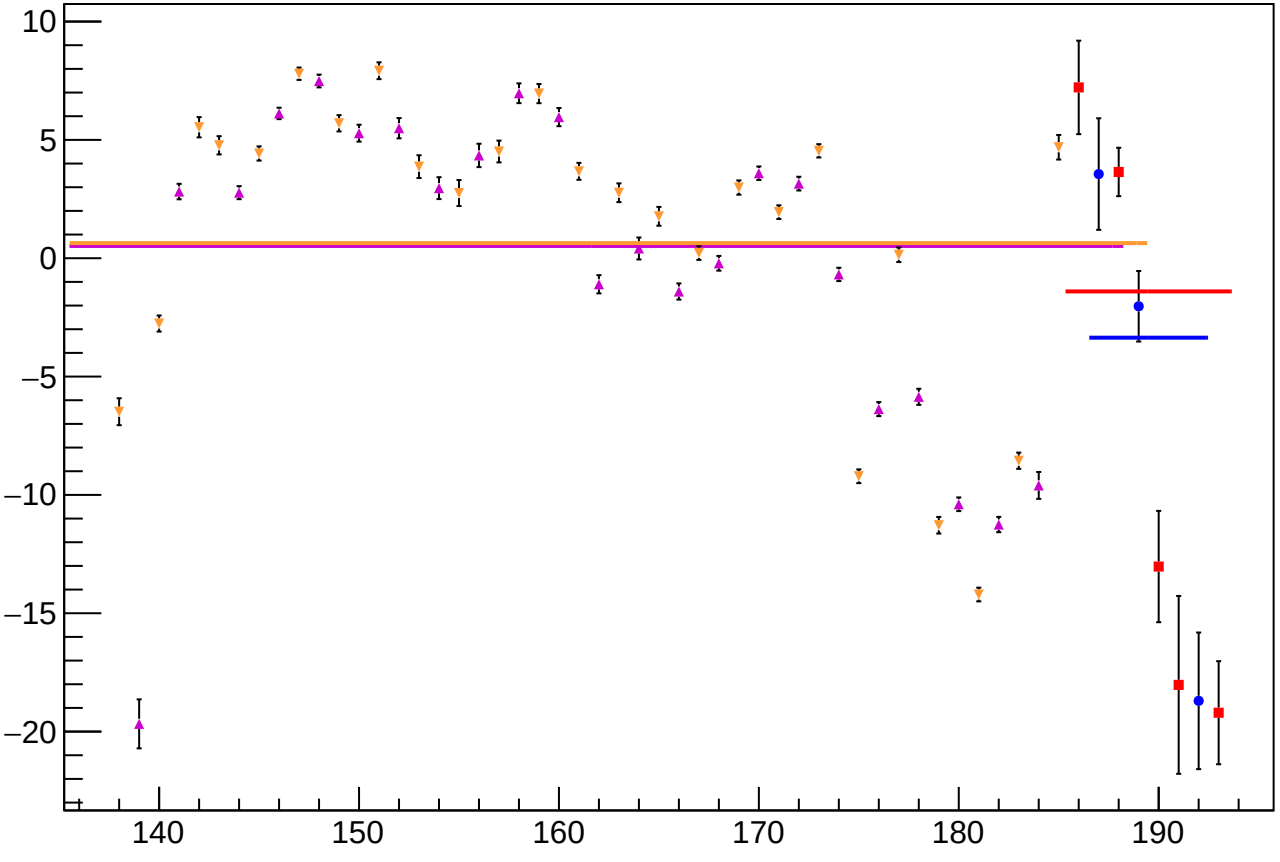
Right: -0.545+/-0.497 χ^2/NDF: 397.3/7

In: 17.127+/-0.088 χ^2/NDF:13305.1/25

Out: 16.991+/-0.086 χ^2/NDF:17565.1/29

All: 17.058+/-0.062 χ^2/NDF: 30871.4/55

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.357+/-1.155 χ^2/NDF: 37.7/2

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -1.402+/-0.773 χ^2/NDF: 154.2/4

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

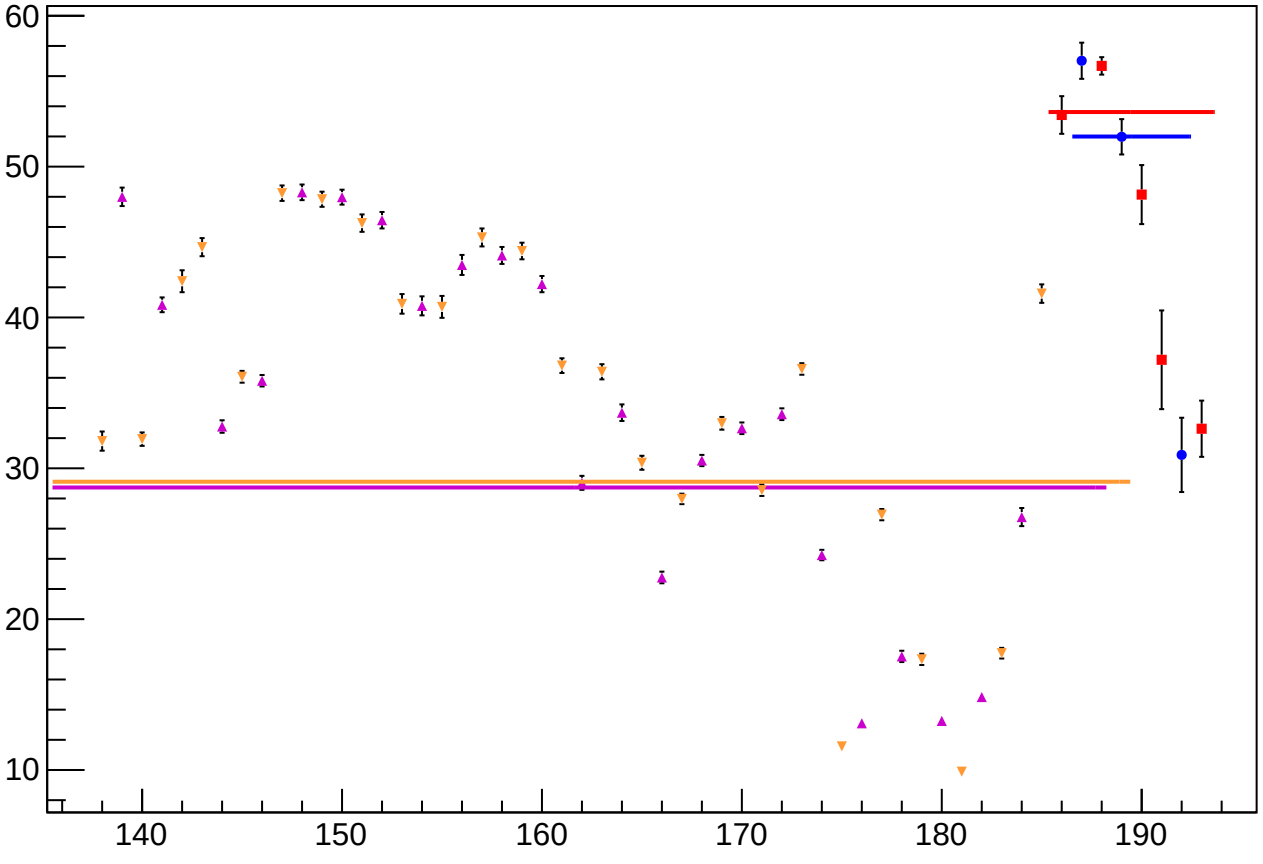
Right: -2.007+/-0.642 χ^2/NDF: 193.9/7

In: 0.505+/-0.070 χ^2/NDF:6825.7/25

Out: 0.623+/-0.069 χ^2/NDF:8676.0/29

All: 0.565+/-0.049 χ^2/NDF: 15503.1/55

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.995+/-0.793 χ^2/NDF: 91.0/2

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 53.619+/-0.484 χ^2/NDF: 188.0/4

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

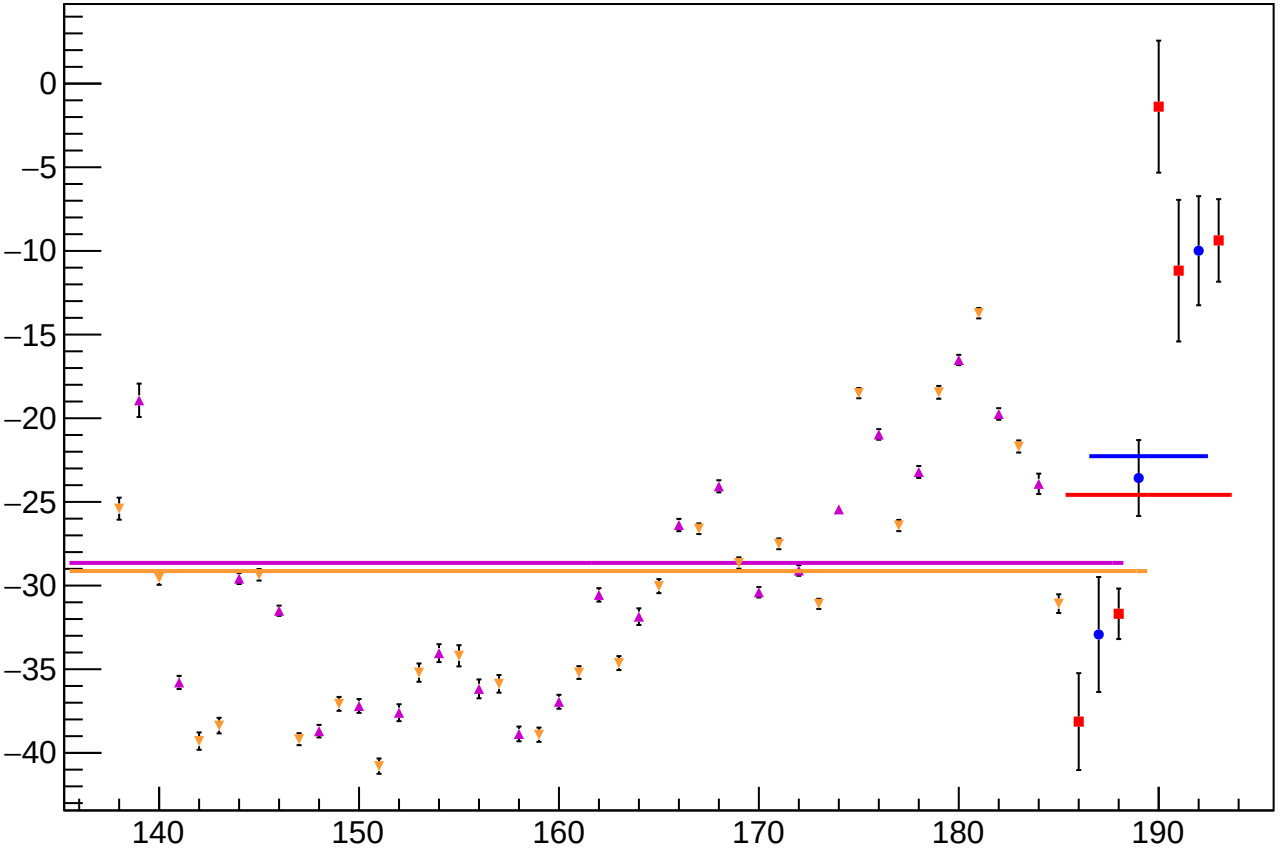
Right: 53.179+/-0.413 χ^2/NDF: 282.1/7

In: 29.016+/-0.088 χ^2/NDF:17978.3/25

Out: 29.893+/-0.086 χ^2/NDF:21518.0/29

All: 29.463+/-0.062 χ^2/NDF: 39546.8/55

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.268+/-1.637 χ^2/NDF: 24.1/2

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -24.579+/-1.089 χ^2/NDF: 126.7/4

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

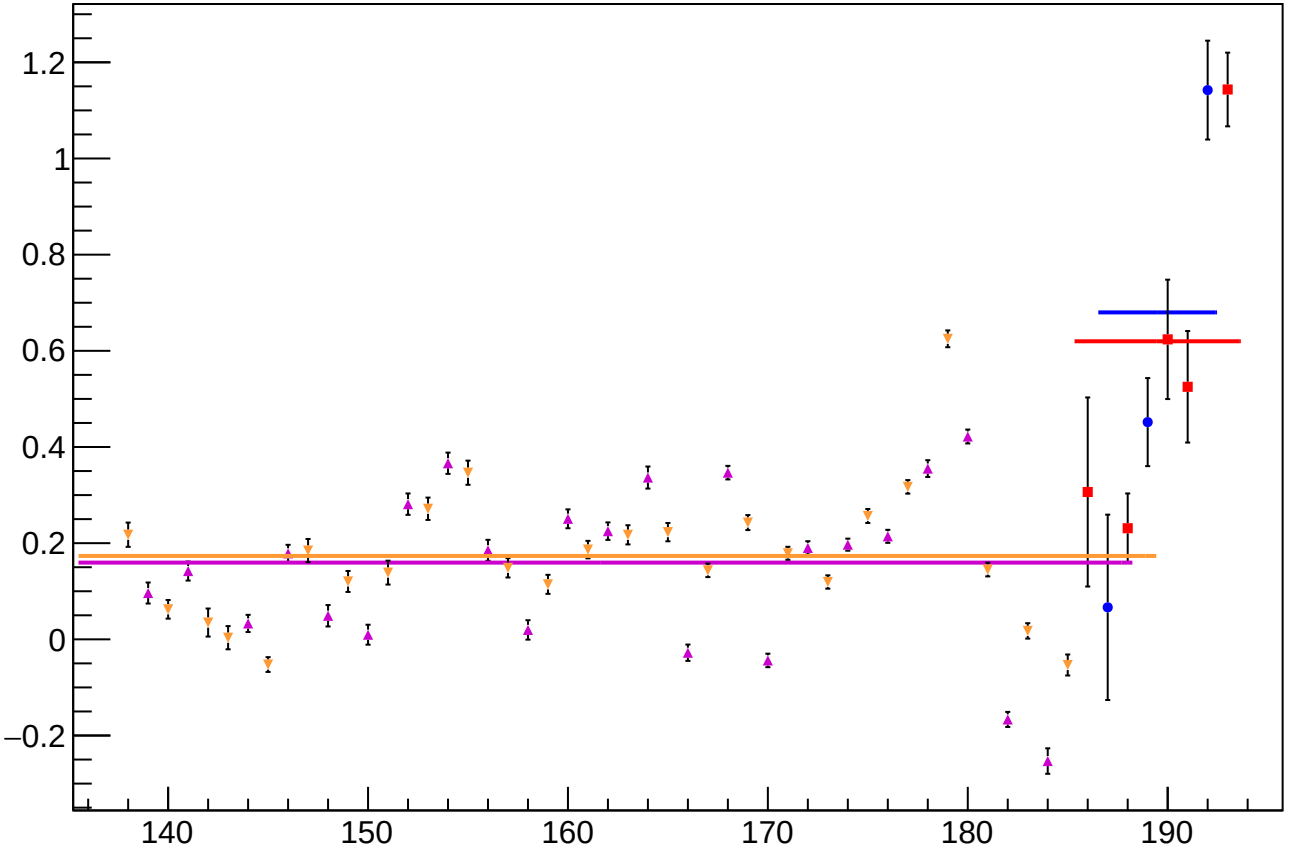
Right: -23.870+/-0.907 χ^2/NDF: 152.3/7

In: -28.630+/-0.079 χ^2/NDF:6732.8/25

Out: -29.110+/-0.078 χ^2/NDF:9142.2/29

All: -28.874+/-0.056 χ^2/NDF: 15893.6/55

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.680+/-0.064 χ^2/NDF: 36.5/2

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.620+/-0.044 χ^2/NDF: 78.8/4

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

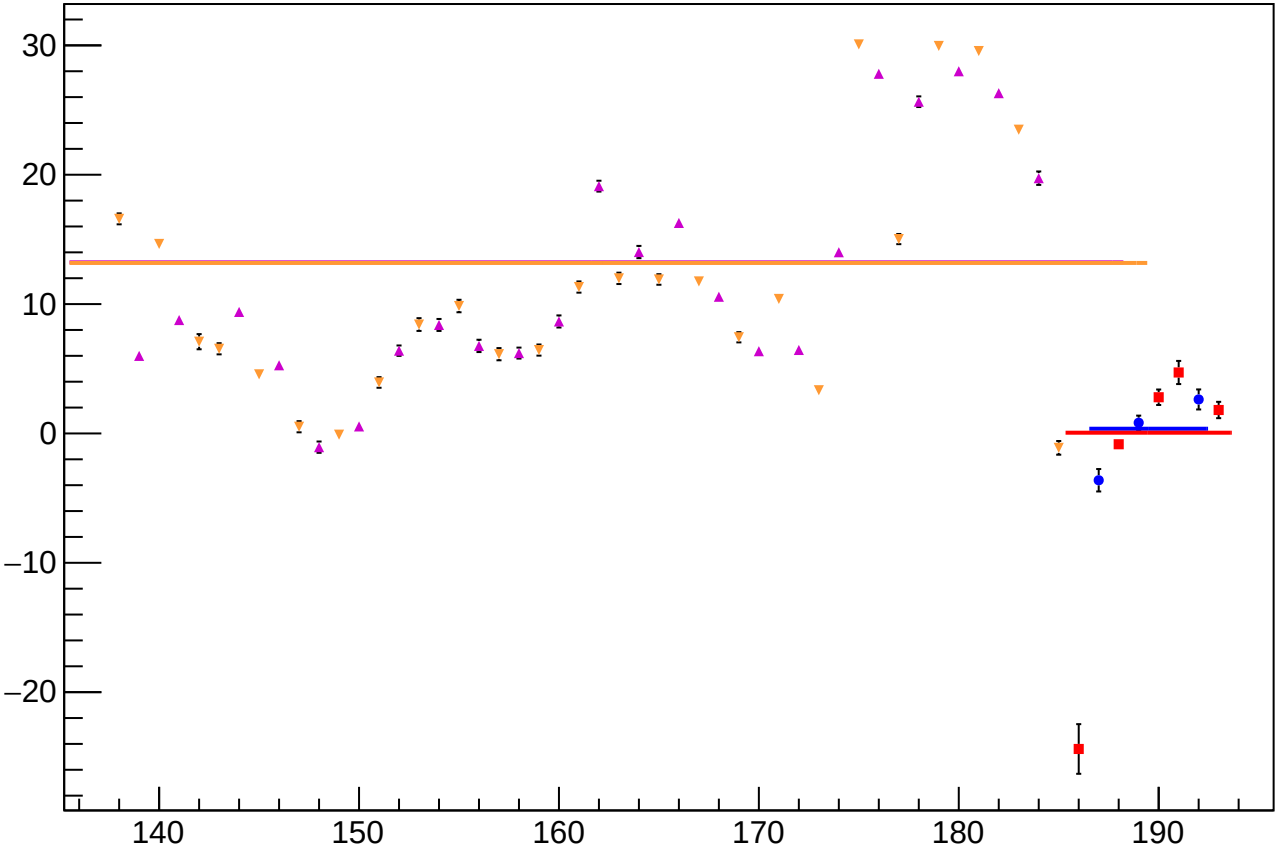
Right: 0.639+/-0.036 χ^2/NDF: 115.9/7

In: 0.161+/-0.004 χ^2/NDF:2165.3/25

Out: 0.176+/-0.004 χ^2/NDF:1651.9/29

All: 0.169+/-0.003 χ^2/NDF: 3826.1/55

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.364+/-0.399 χ^2/NDF: 30.3/2

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.057+/-0.227 χ^2/NDF: 228.1/4

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

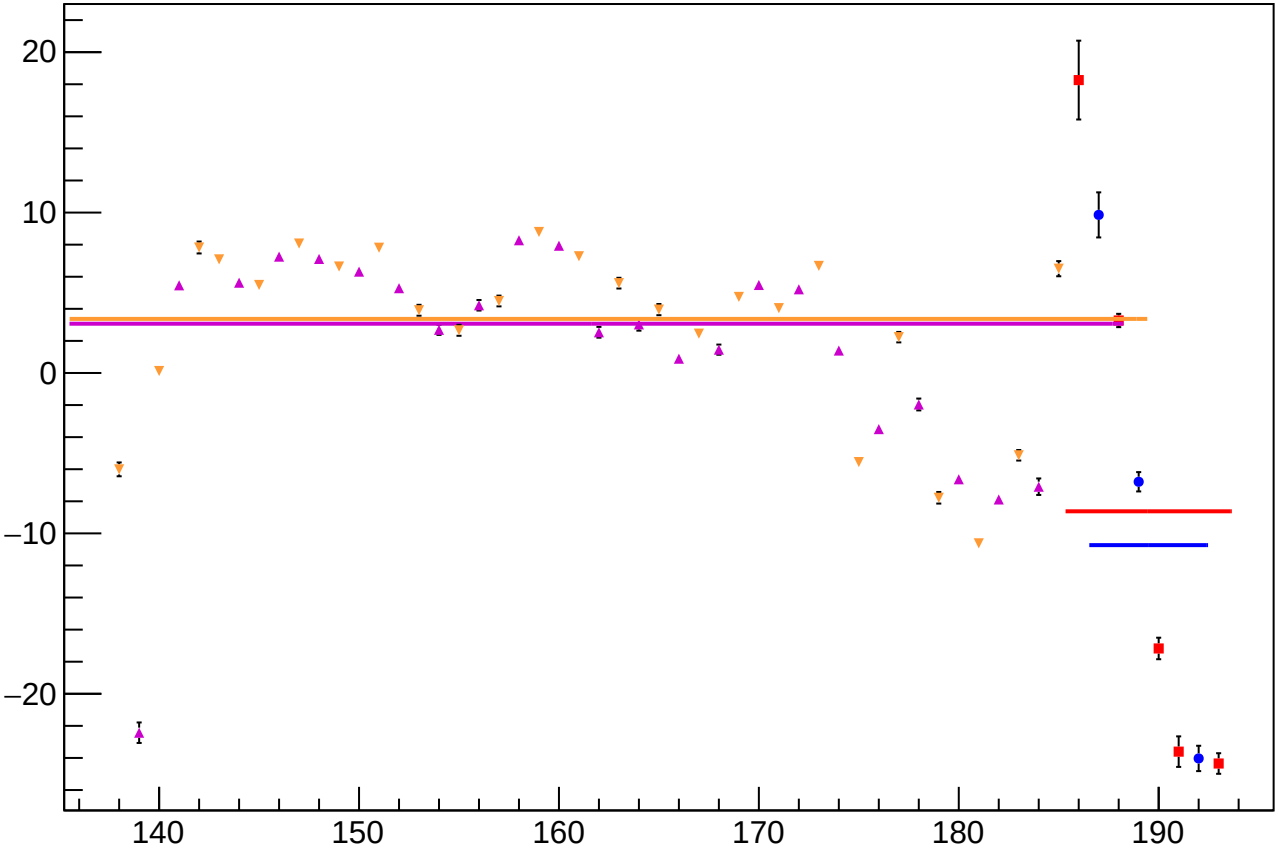
Right: 0.132+/-0.197 χ^2/NDF: 258.8/7

In: 12.770+/-0.075 χ^2/NDF:15159.6/25

Out: 11.878+/-0.072 χ^2/NDF:20277.2/29

All: 12.301+/-0.052 χ^2/NDF: 35510.6/55

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.732+/-0.453 χ^2/NDF: 540.8/2

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -8.624+/-0.292 χ^2/NDF: 1954.5/4

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

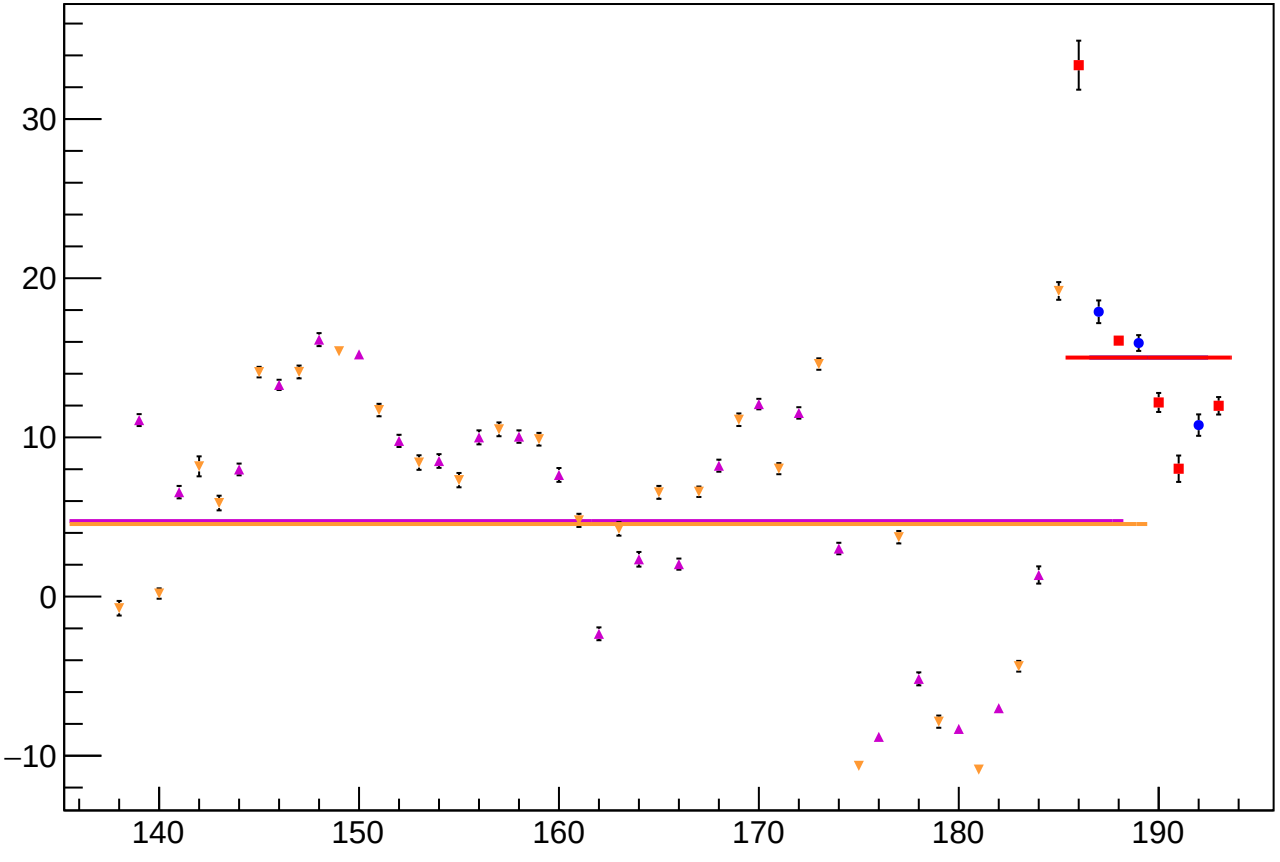
Right: -9.241+/-0.245 χ^2/NDF: 2510.6/7

In: 2.831+/-0.060 χ^2/NDF:8720.4/25

Out: 2.908+/-0.057 χ^2/NDF:11632.5/29

All: 2.871+/-0.041 χ^2/NDF: 20353.7/55

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.017+/-0.349 χ^2/NDF: 59.3/2

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 15.015+/-0.192 χ^2/NDF: 287.6/4

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

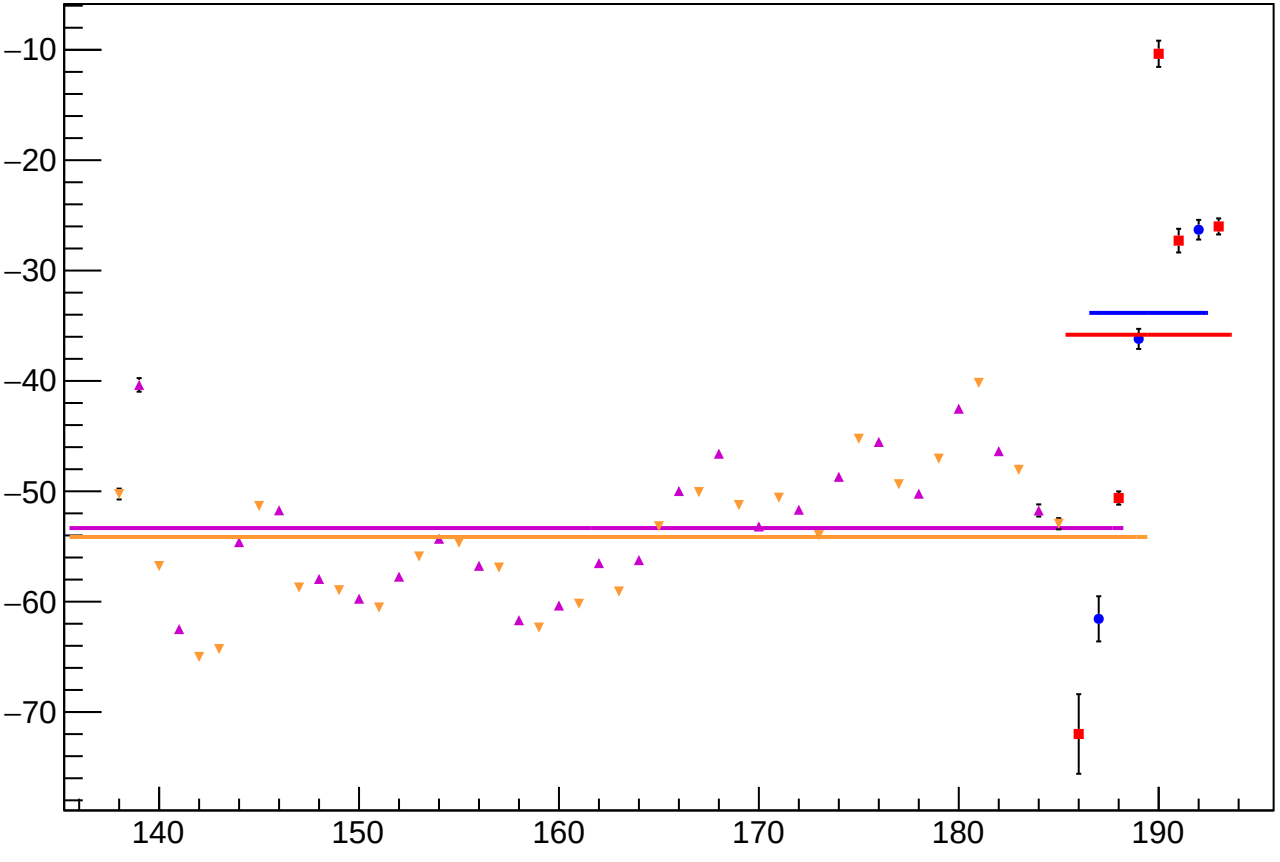
Right: 15.015+/-0.168 χ^2/NDF: 346.9/7

In: 5.212+/-0.075 χ^2/NDF:12305.2/25

Out: 5.958+/-0.070 χ^2/NDF:16444.5/29

All: 5.607+/-0.051 χ^2/NDF: 28802.8/55

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.835+/-0.608 χ^2/NDF: 261.6/2

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -35.815+/-0.397 χ^2/NDF: 1415.1/4

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

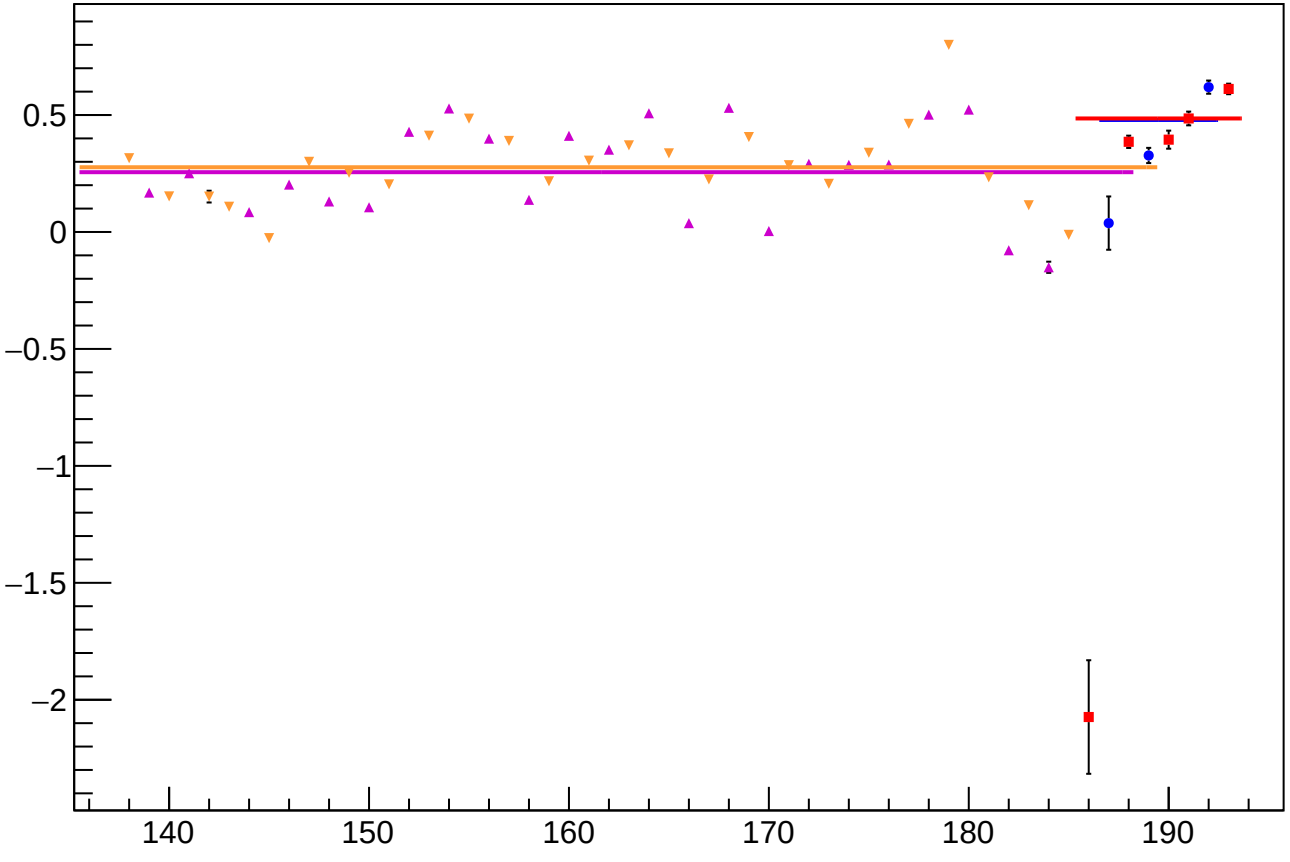
Right: -35.223+/-0.333 χ^2/NDF: 1684.1/7

In: -53.088+/-0.068 χ^2/NDF:8217.3/25

Out: -53.639+/-0.066 χ^2/NDF:11785.2/29

All: -53.372+/-0.047 χ^2/NDF: 20036.6/55

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.479+/-0.021 χ^2/NDF: 61.6/2

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.485+/-0.014 χ^2/NDF: 162.3/4

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

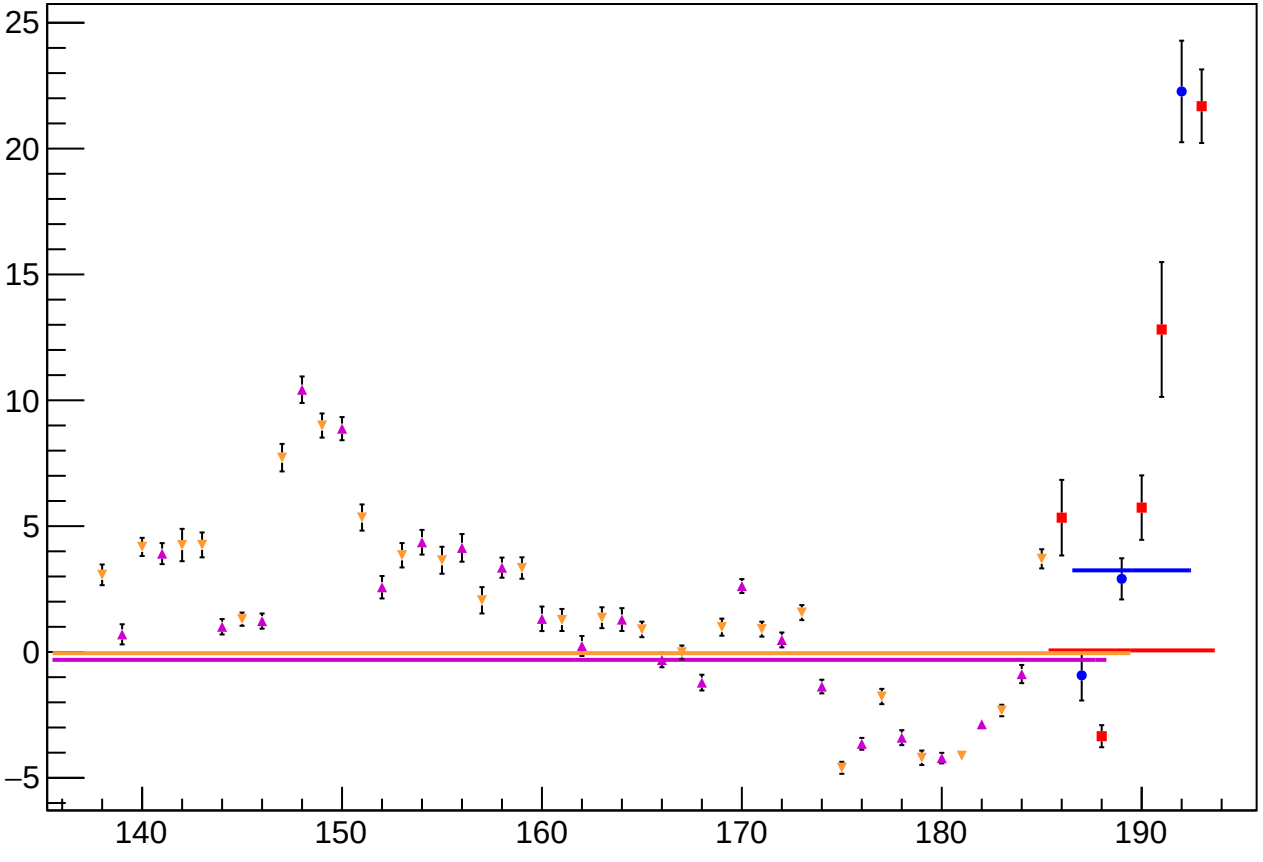
Right: 0.483+/-0.012 χ^2/NDF: 223.9/7

In: 0.260+/-0.003 χ^2/NDF:3816.9/25

Out: 0.286+/-0.003 χ^2/NDF:2986.1/29

All: 0.274+/-0.002 χ^2/NDF: 6840.4/55

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.243+/-0.604 χ^2/NDF: 106.5/2

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 0.063+/-0.382 χ^2/NDF: 333.6/4

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

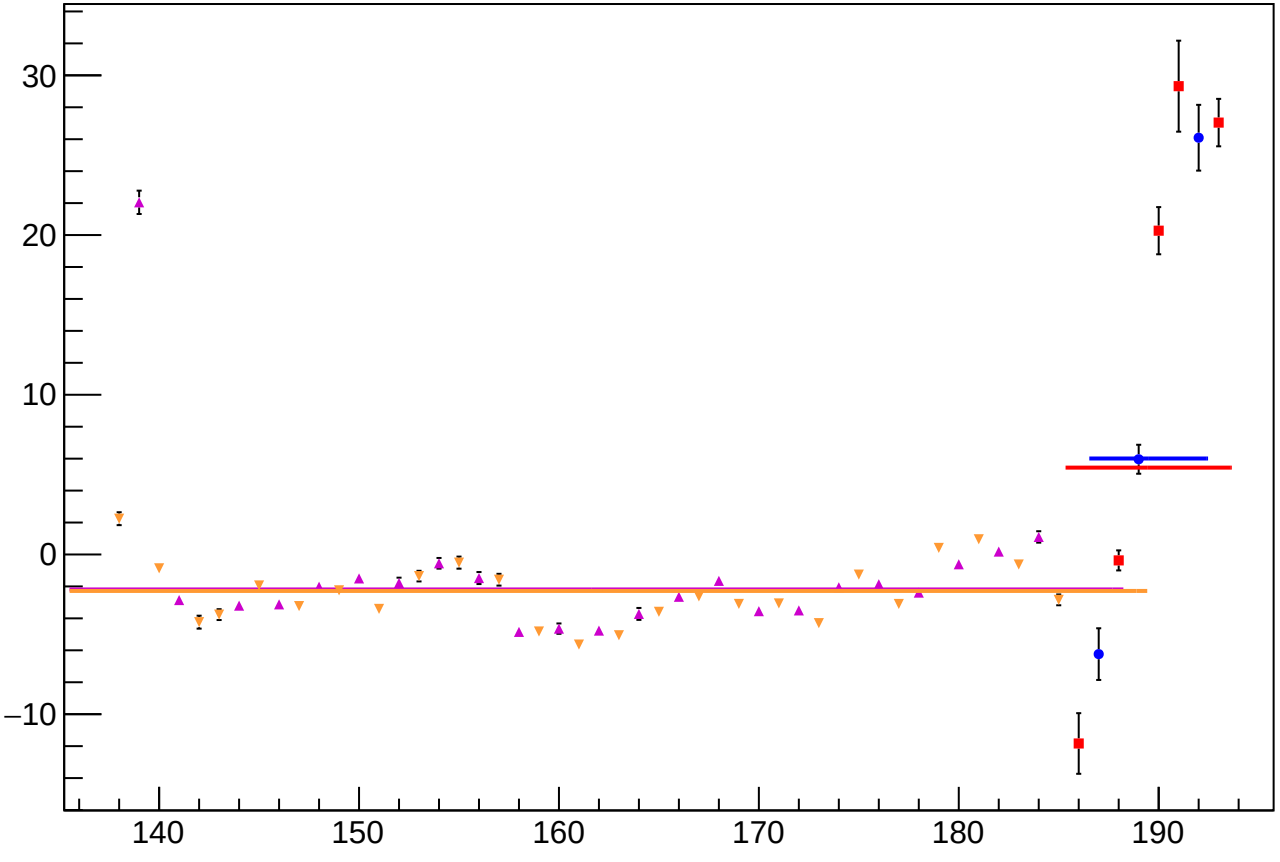
Right: 0.972+/-0.323 χ^2/NDF: 460.0/7

In: -0.269+/-0.067 χ^2/NDF:2393.4/25

Out: -0.043+/-0.065 χ^2/NDF:2962.6/29

All: -0.153+/-0.047 χ^2/NDF: 5361.9/55

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.009+/-0.738 χ^2/NDF: 152.4/2

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 5.438+/-0.510 χ^2/NDF: 551.1/4

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

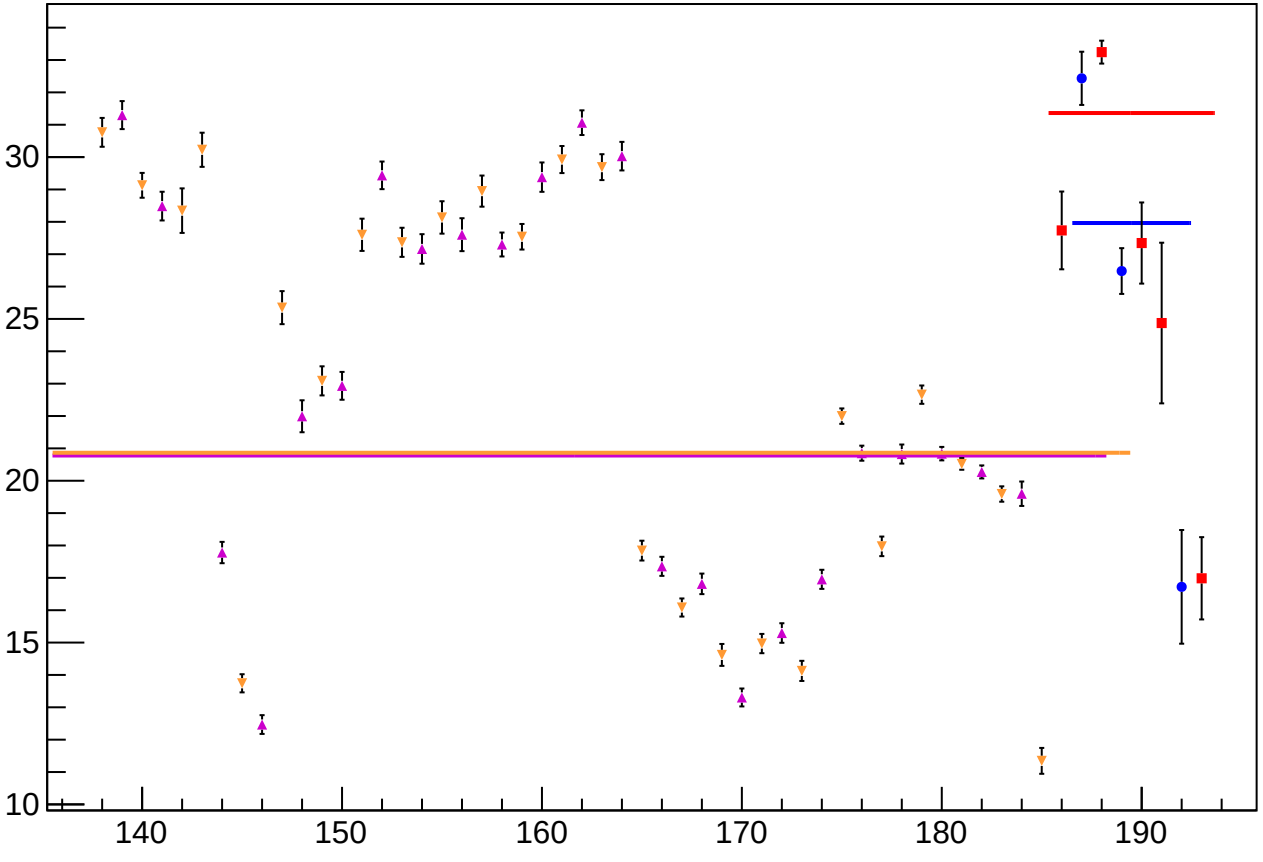
Right: 5.623+/-0.419 χ^2/NDF: 703.9/7

In: -2.145+/-0.055 χ^2/NDF:2060.1/25

Out: -2.197+/-0.054 χ^2/NDF:1910.1/29

All: -2.171+/-0.038 χ^2/NDF: 3970.7/55

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.964+/-0.513 χ^2/NDF: 75.0/2

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 31.362+/-0.315 χ^2/NDF: 182.4/4

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

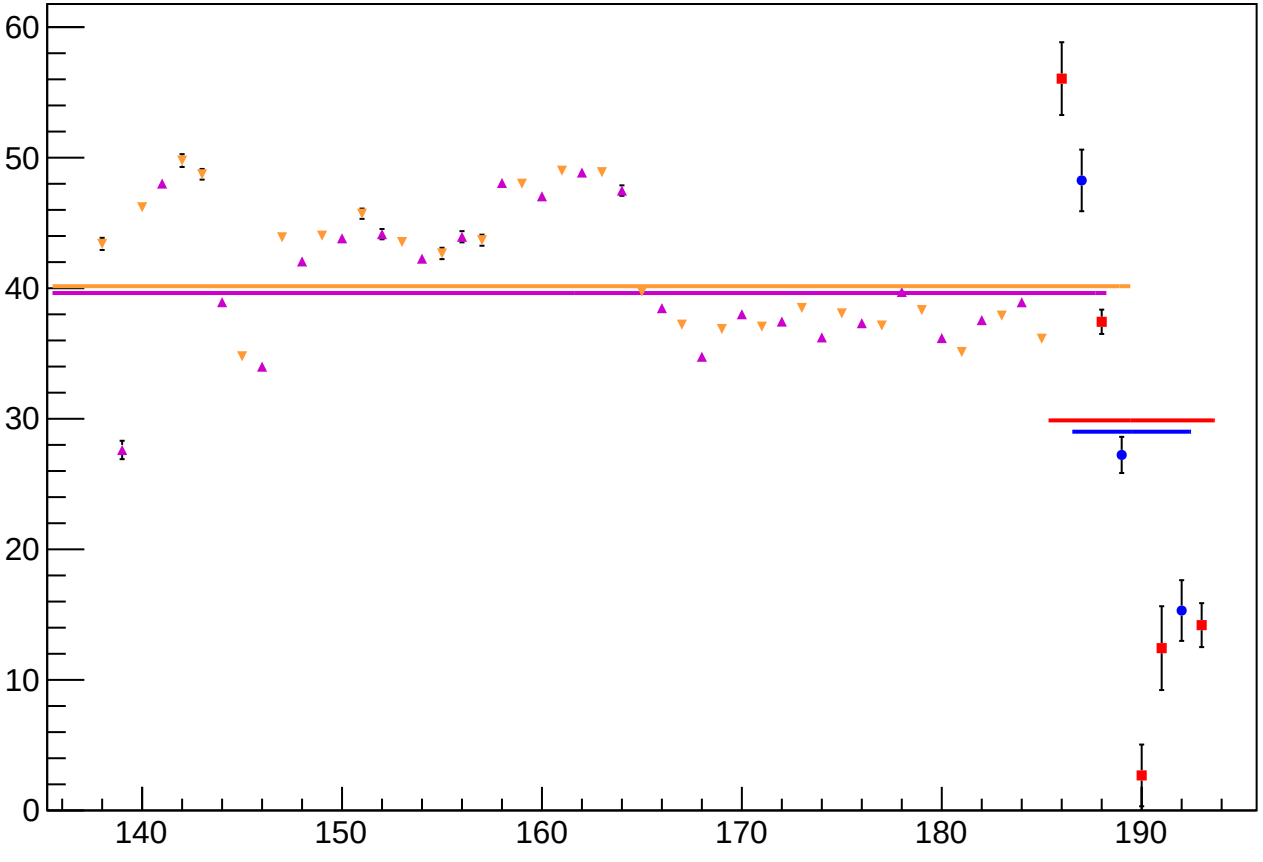
Right: 30.432+/-0.268 χ^2/NDF: 289.2/7

In: 20.901+/-0.067 χ^2/NDF:6256.0/25

Out: 21.317+/-0.065 χ^2/NDF:7854.9/29

All: 21.113+/-0.047 χ^2/NDF: 14130.7/55

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.011+/-1.063 χ^2/NDF: 103.0/2

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 29.877+/-0.723 χ^2/NDF: 402.7/4

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

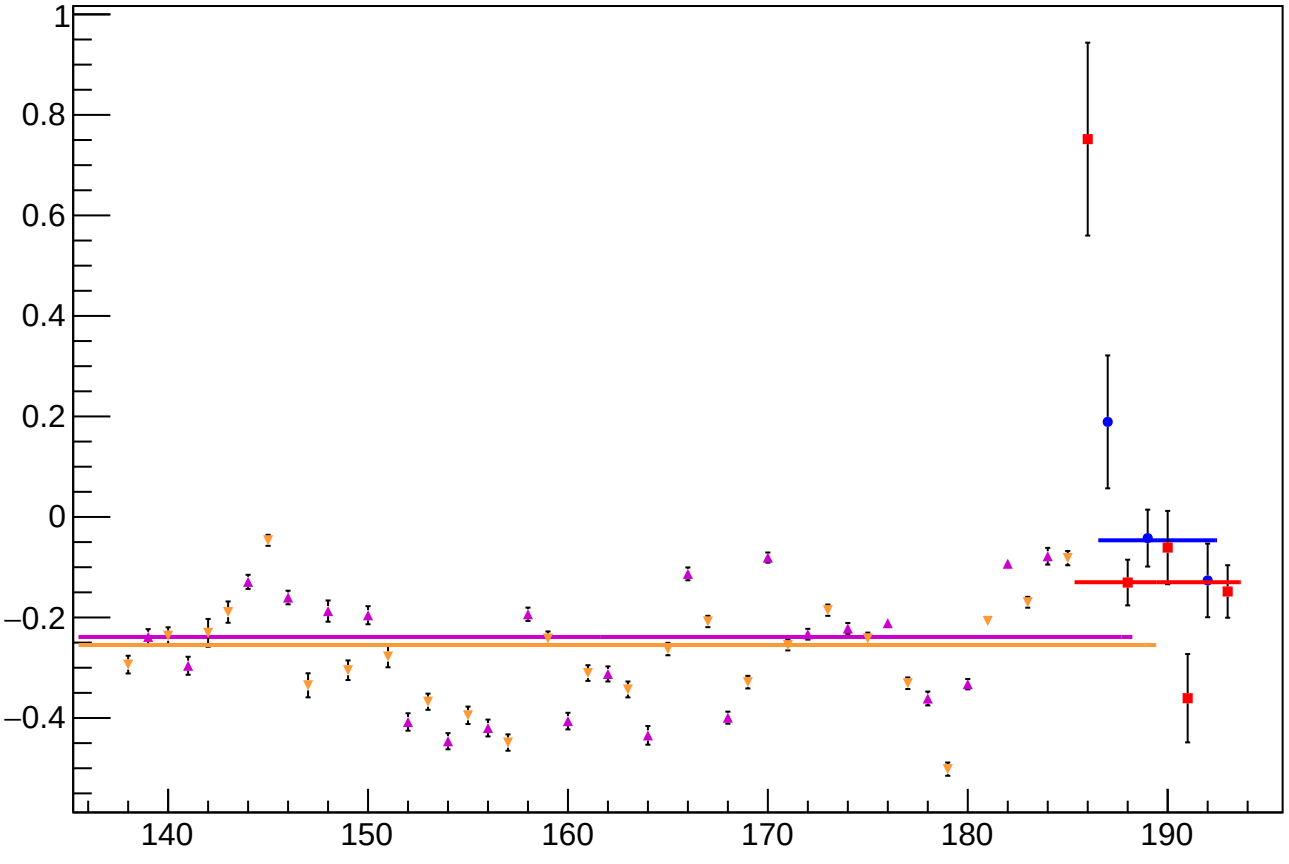
Right: 29.603+/-0.598 χ^2/NDF: 506.2/7

In: 39.597+/-0.061 χ^2/NDF:5545.9/25

Out: 40.083+/-0.060 χ^2/NDF:6465.0/29

All: 39.843+/-0.043 χ^2/NDF: 12042.9/55

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.046+/-0.042 χ^2/NDF: 4.4/2

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.130+/-0.029 χ^2/NDF: 29.0/4

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

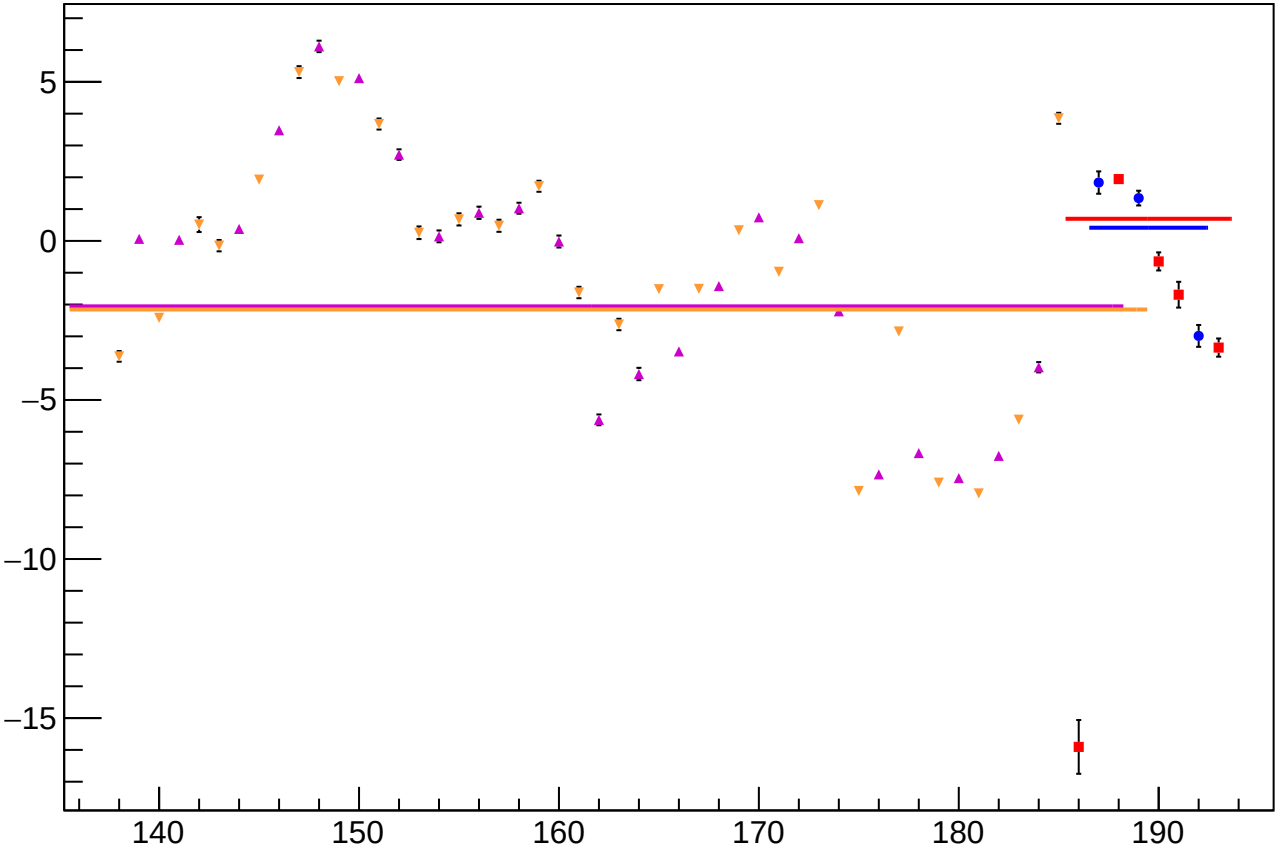
Right: -0.103+/-0.024 χ^2/NDF: 36.0/7

In: -0.238+/-0.003 χ^2/NDF:1774.8/25

Out: -0.254+/-0.003 χ^2/NDF:1465.2/29

All: -0.246+/-0.002 χ^2/NDF: 3256.3/55

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.414+/-0.169 χ^2/NDF: 130.2/2

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: 0.696+/-0.093 χ^2/NDF: 771.9/4

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

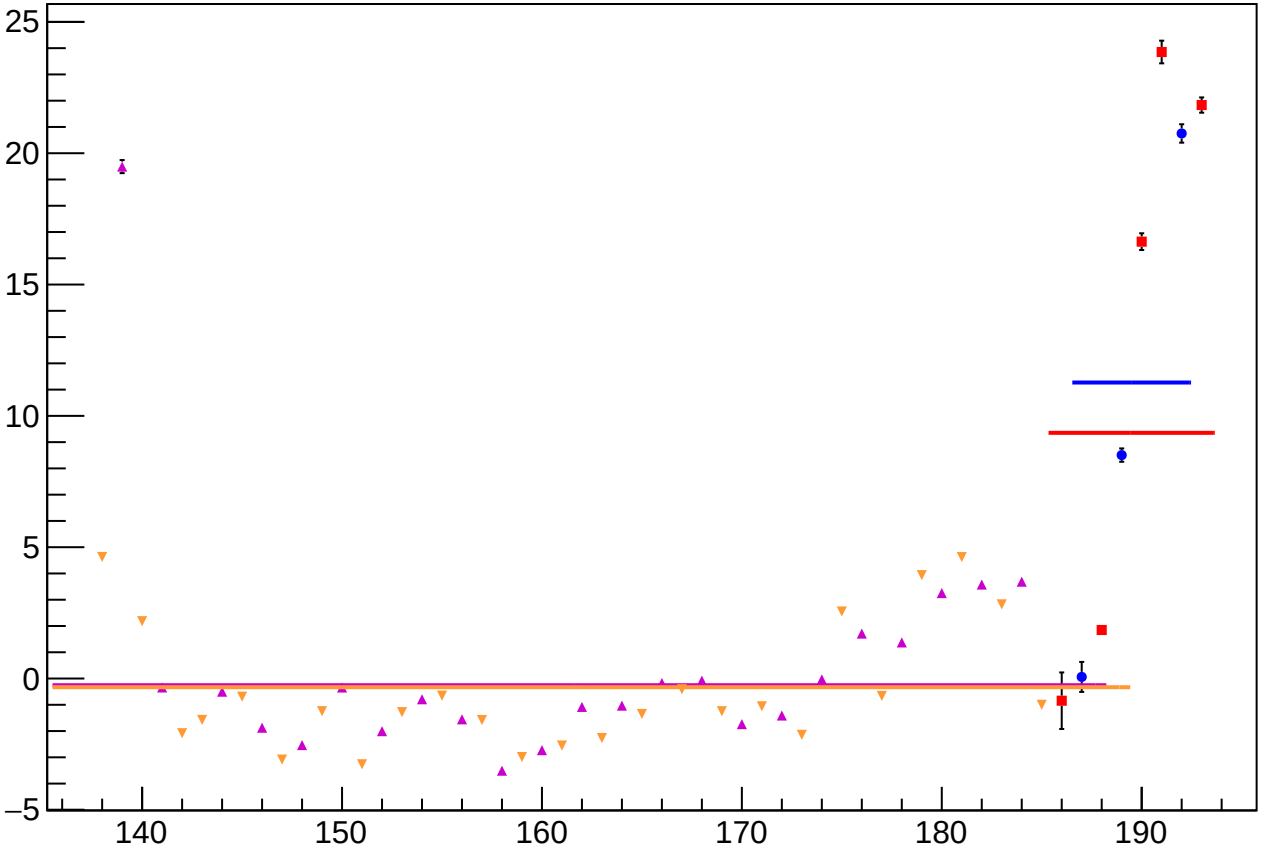
Right: 0.630+/-0.082 χ^2/NDF: 904.3/7

In: -2.001+/-0.026 χ^2/NDF:23683.6/25

Out: -1.955+/-0.025 χ^2/NDF:26144.0/29

All: -1.977+/-0.018 χ^2/NDF: 49829.2/55

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.270+/-0.194 χ^2/NDF: 1234.3/2

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 9.355+/-0.123 χ^2/NDF: 5743.4/4

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

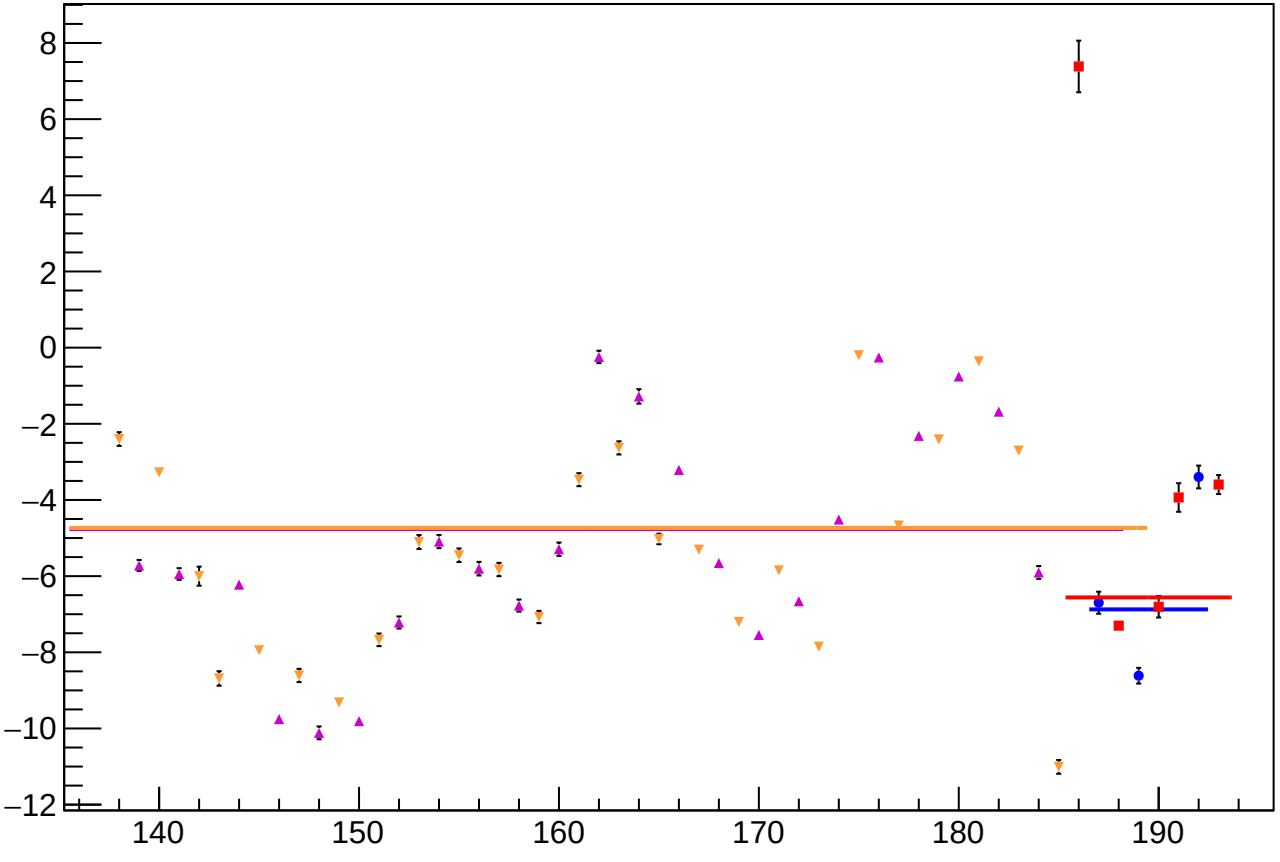
Right: 9.904+/-0.104 χ^2/NDF: 7047.3/7

In: -0.122+/-0.021 χ^2/NDF:18893.7/25

Out: -0.065+/-0.020 χ^2/NDF:24343.8/29

All: -0.093+/-0.015 χ^2/NDF: 43241.4/55

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.873+/-0.146 χ^2/NDF: 206.7/2

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -6.559+/-0.078 χ^2/NDF: 684.5/4

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

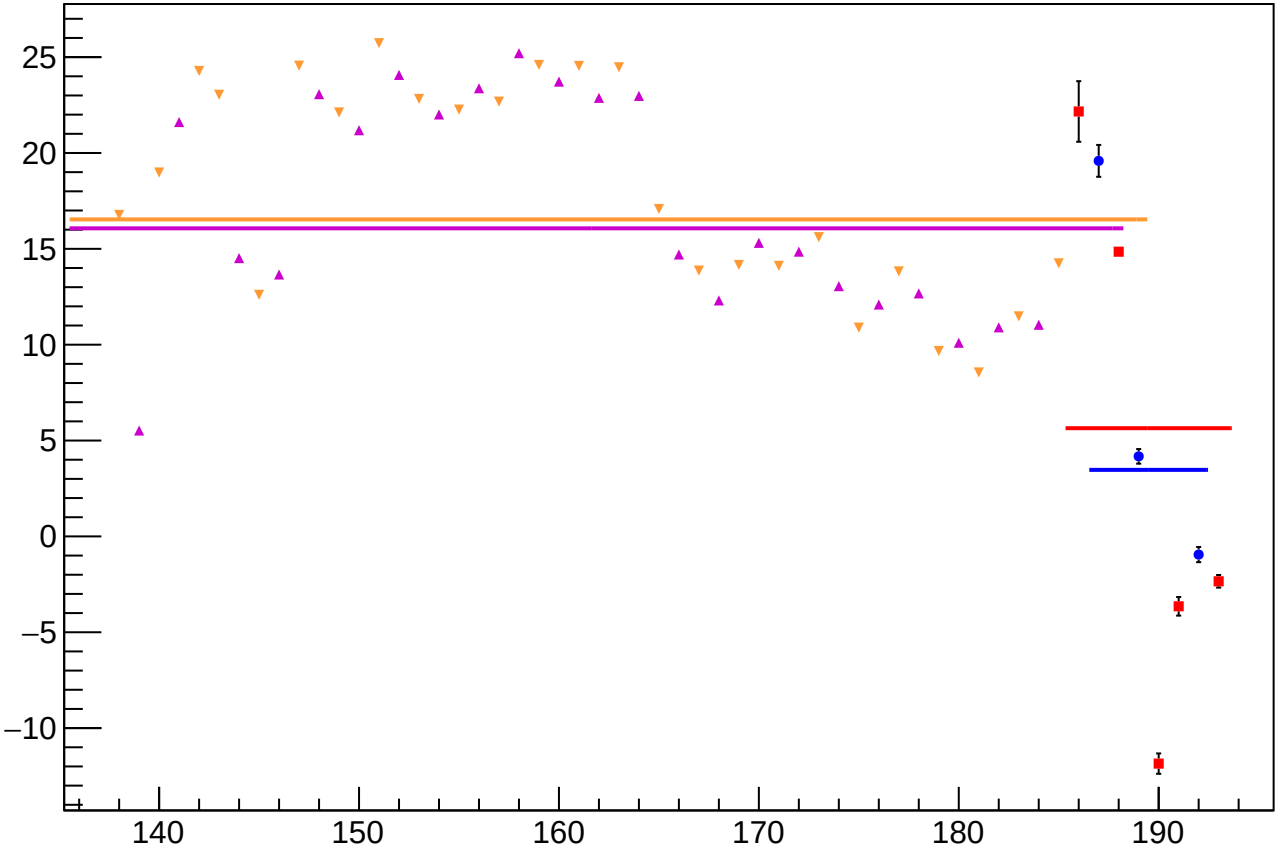
Right: -6.628+/-0.069 χ^2/NDF: 894.7/7

In: -4.829+/-0.026 χ^2/NDF:14570.8/25

Out: -4.915+/-0.025 χ^2/NDF:14366.7/29

All: -4.874+/-0.018 χ^2/NDF: 28943.4/55

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.471+/-0.261 χ^2/NDF: 504.0/2

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 5.644+/-0.167 χ^2/NDF: 3695.1/4

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

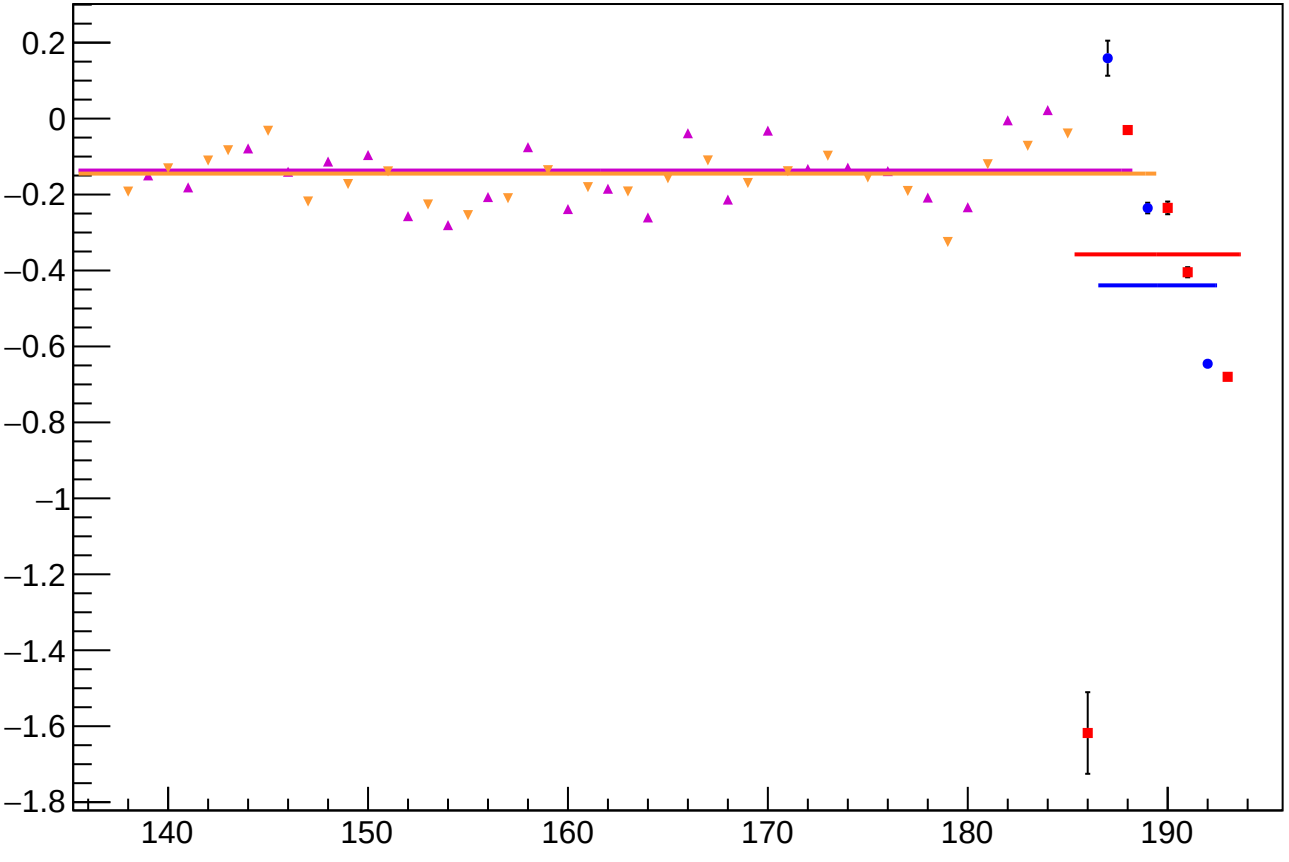
Right: 5.009+/-0.141 χ^2/NDF: 4248.3/7

In: 15.968+/-0.023 χ^2/NDF:45556.4/25

Out: 16.331+/-0.023 χ^2/NDF:61392.2/29

All: 16.153+/-0.016 χ^2/NDF: 107071.6/55

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.439+/-0.009 χ^2/NDF: 652.8/2

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.358+/-0.006 χ^2/NDF: 2185.0/4

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

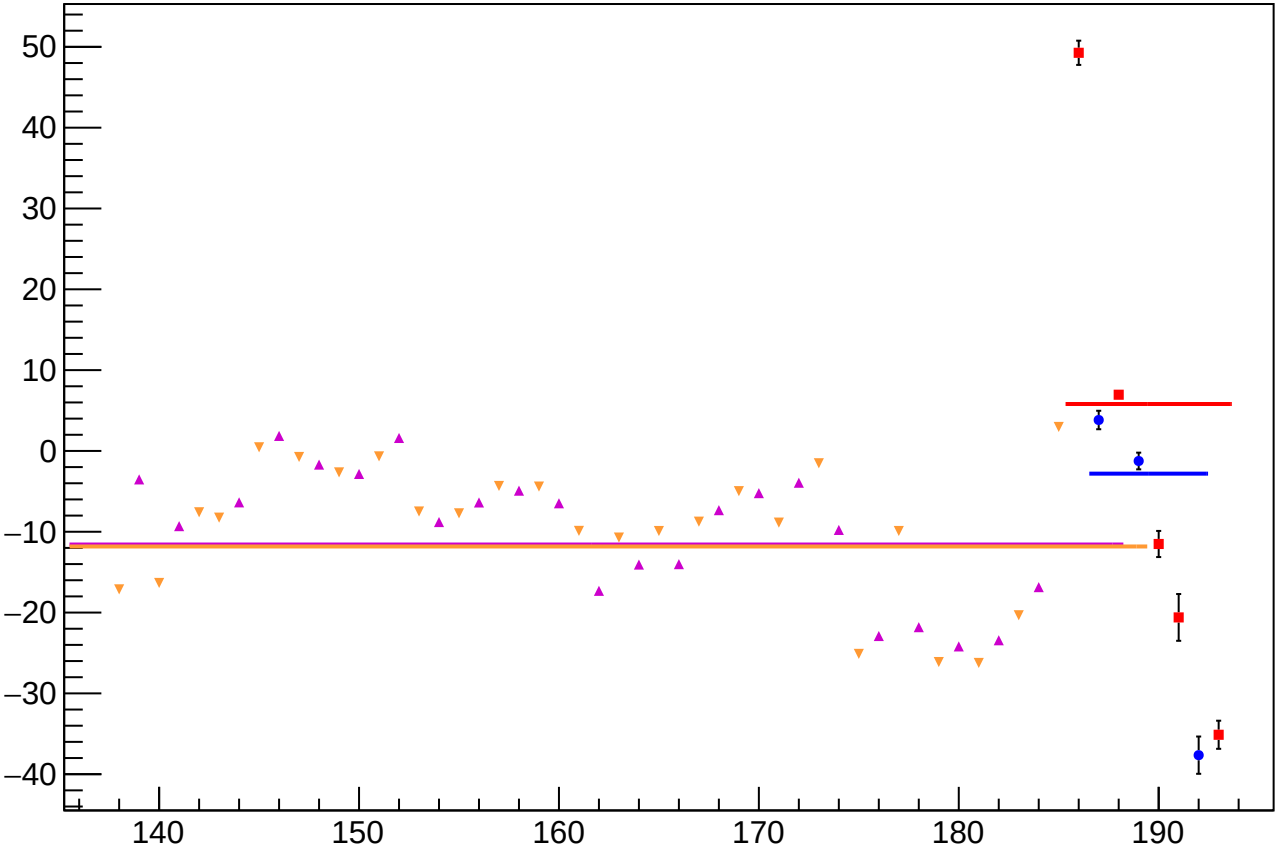
Right: -0.382+/-0.005 χ^2/NDF: 2893.8/7

In: -0.141+/-0.001 χ^2/NDF:7117.3/25

Out: -0.151+/-0.001 χ^2/NDF:7171.3/29

All: -0.146+/-0.001 χ^2/NDF: 14338.0/55

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.810+/-0.727 χ^2/NDF: 264.2/2

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: 5.808+/-0.459 χ^2/NDF: 1596.0/4

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

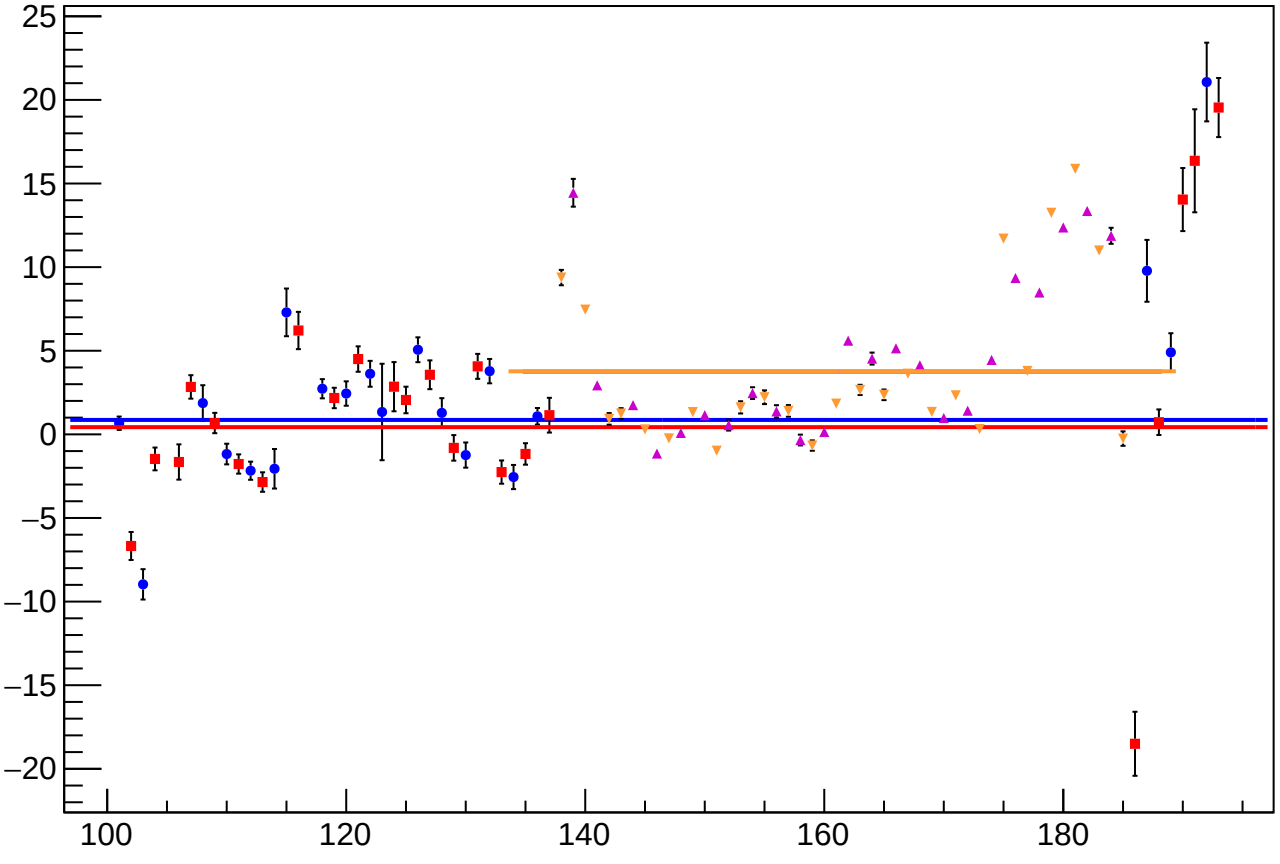
Right: 3.353+/-0.388 χ^2/NDF: 1960.6/7

In: -11.497+/-0.071 χ^2/NDF:14651.8/25

Out: -11.417+/-0.070 χ^2/NDF:20314.6/29

All: -11.456+/-0.050 χ^2/NDF: 34967.1/55

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.863+/-0.166 χ^2/NDF: 403.2/19

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.431+/-0.168 χ^2/NDF: 567.4/22

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

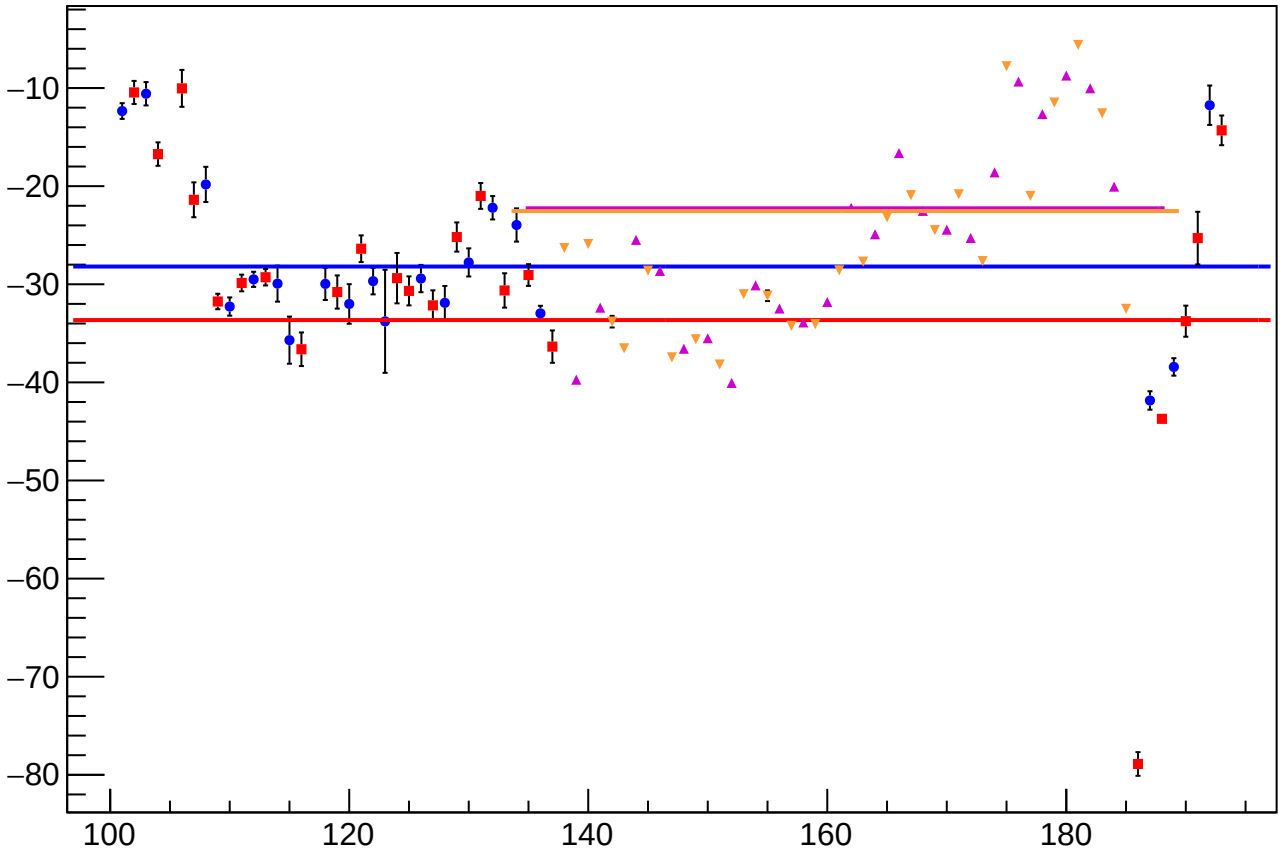
Right: 0.650+/-0.118 χ^2/NDF: 973.9/42

In: 3.456+/-0.053 χ^2/NDF:6330.3/42

Out: 3.440+/-0.053 χ^2/NDF:8343.6/47

All: 3.448+/-0.038 χ^2/NDF: 14673.9/90

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.192+/-0.269 χ^2/NDF: 1156.2/19

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -33.650+/-0.234 χ^2/NDF: 3159.8/22

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

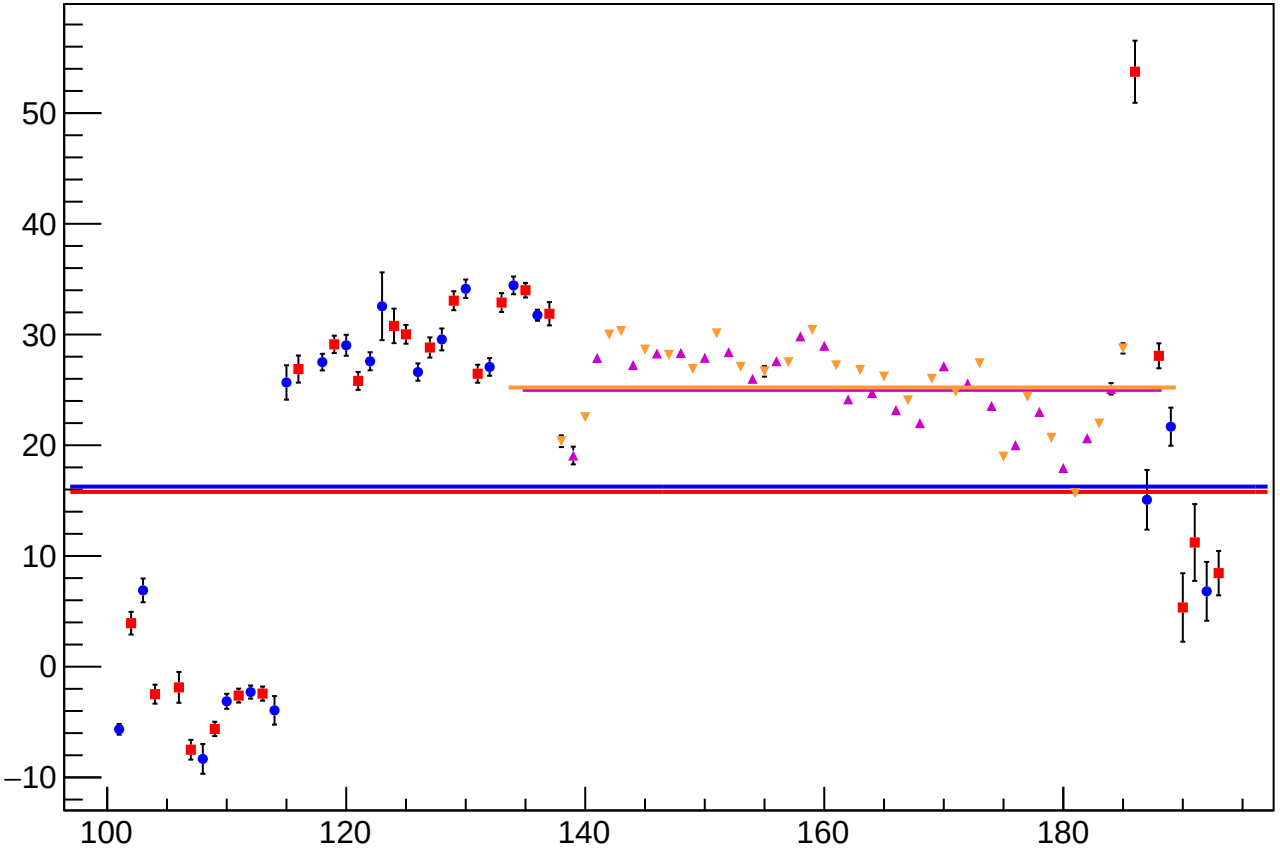
Right: -31.300+/-0.177 χ^2/NDF: 4549.9/42

In: -22.647+/-0.069 χ^2/NDF:19448.1/42

Out: -23.470+/-0.068 χ^2/NDF:24973.6/47

All: -23.065+/-0.048 χ^2/NDF: 44494.3/90

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.265+/-0.189 χ^2/NDF: 7634.1/19

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.783+/-0.192 χ^2/NDF: 7601.6/22

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

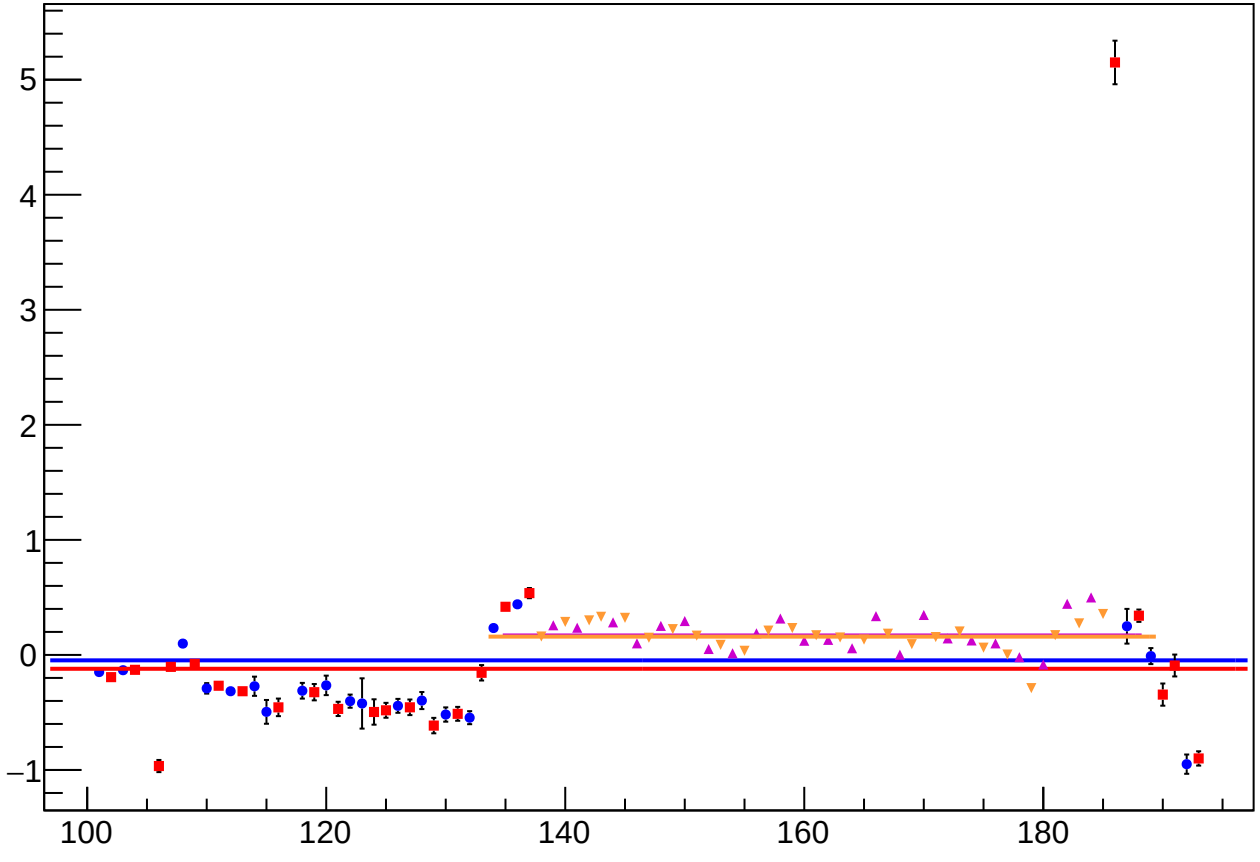
Right: 16.029+/-0.135 χ^2/NDF: 15238.9/42

In: 24.115+/-0.060 χ^2/NDF:12290.2/42

Out: 24.308+/-0.060 χ^2/NDF:13516.7/47

All: 24.212+/-0.042 χ^2/NDF: 25812.2/90

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.047+/-0.010 χ^2/NDF: 1135.8/19

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.120+/-0.010 χ^2/NDF: 2174.7/22

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

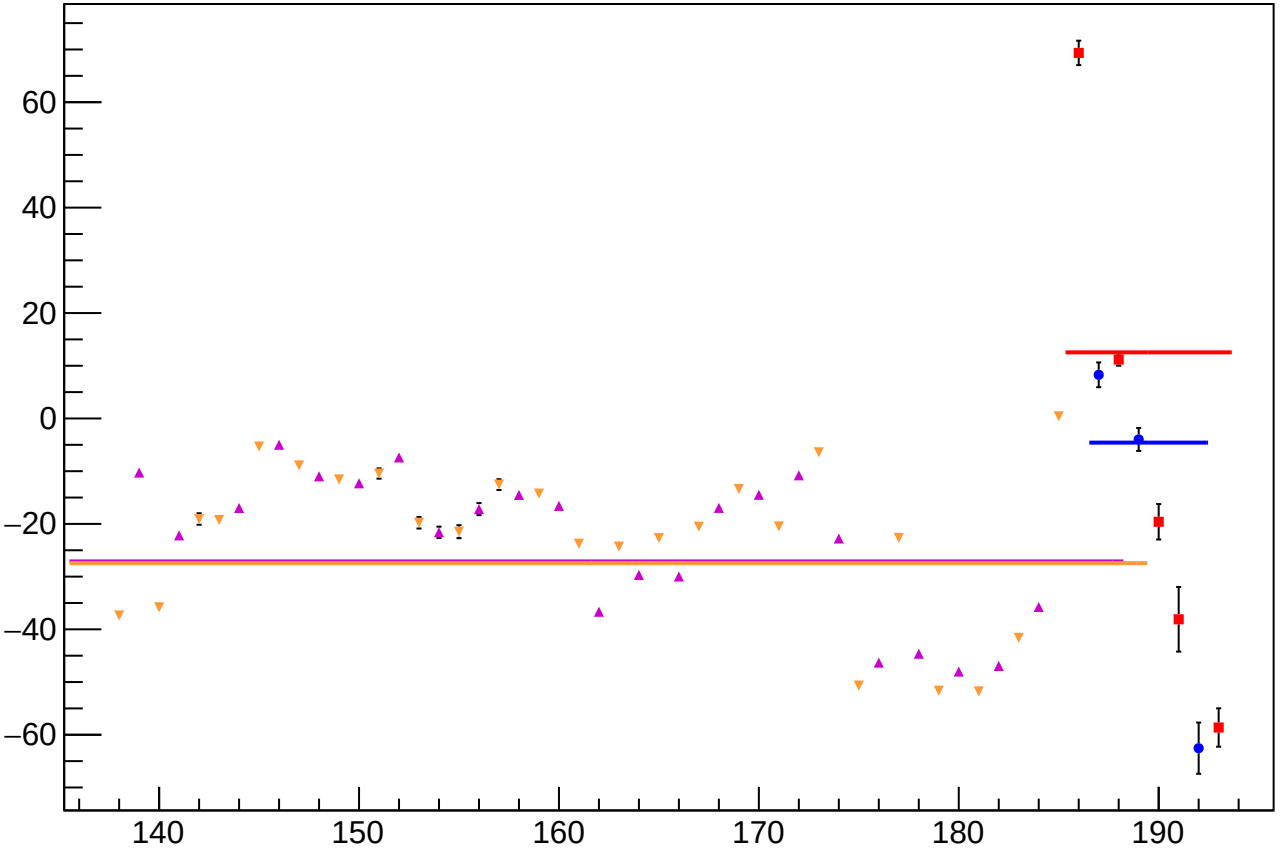
Right: -0.084+/-0.007 χ^2/NDF: 3337.2/42

In: 0.153+/-0.003 χ^2/NDF:3990.0/42

Out: 0.137+/-0.003 χ^2/NDF:4760.9/47

All: 0.145+/-0.002 χ^2/NDF: 8766.0/90

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.579+/-1.518 χ^2/NDF: 172.3/2

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 12.543+/-0.945 χ^2/NDF: 1144.0/4

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

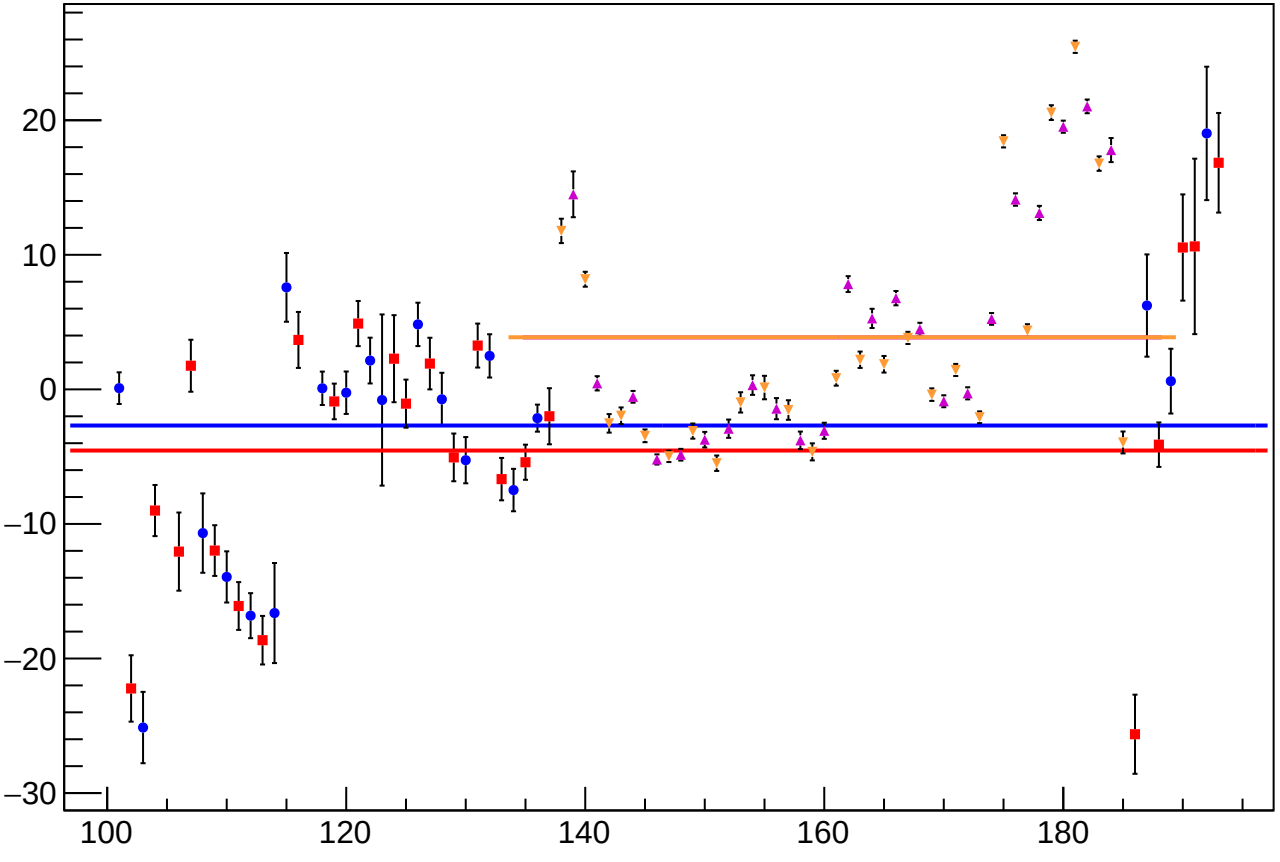
Right: 7.756+/-0.802 χ^2/NDF: 1408.0/7

In: -26.928+/-0.138 χ^2/NDF:11834.8/25

Out: -26.624+/-0.136 χ^2/NDF:17716.9/29

All: -26.773+/-0.097 χ^2/NDF: 29554.1/55

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.686+/-0.398 χ^2/NDF: 308.0/19

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -4.545+/-0.404 χ^2/NDF: 399.0/22

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

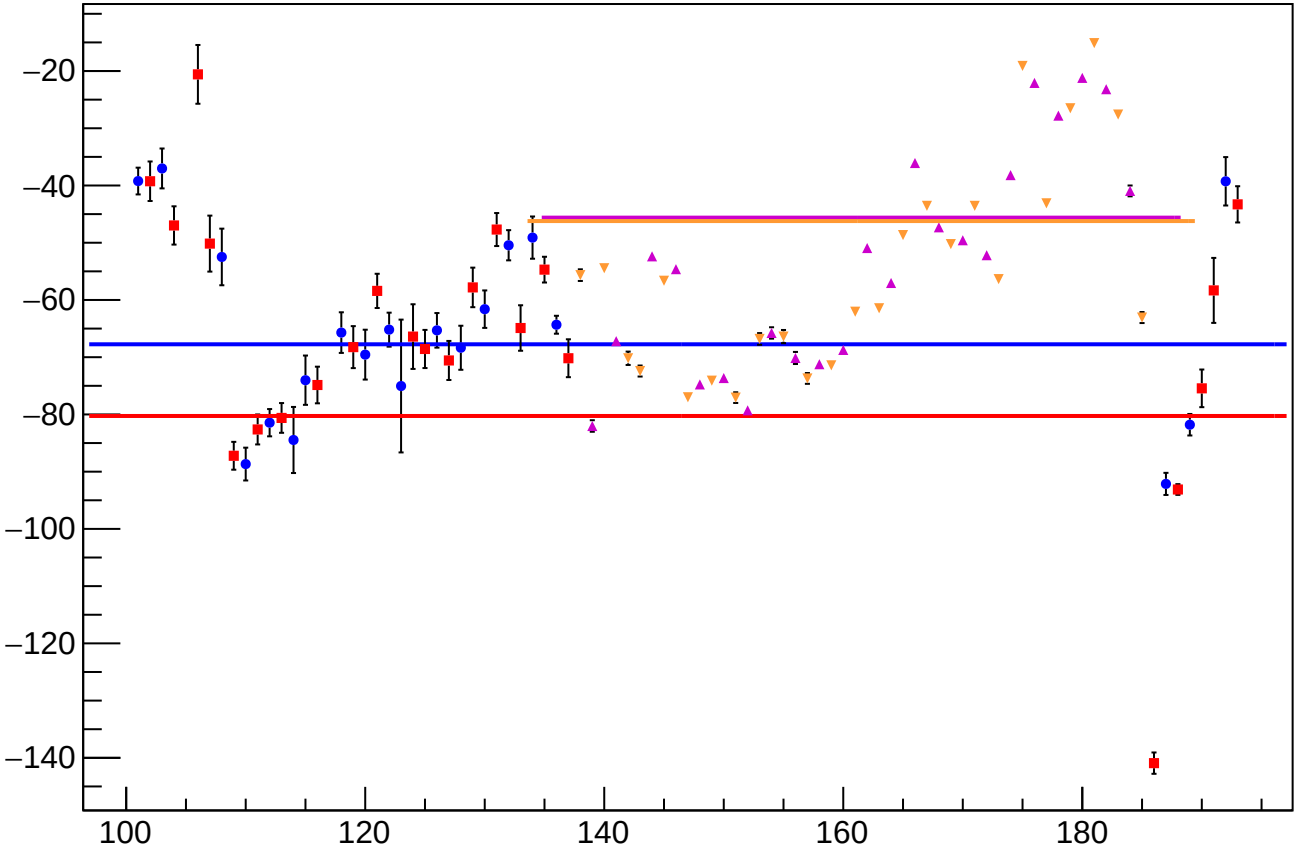
Right: -3.602+/-0.284 χ^2/NDF: 717.8/42

In: 3.390+/-0.107 χ^2/NDF:5997.3/42

Out: 3.297+/-0.106 χ^2/NDF:7709.5/47

All: 3.343+/-0.075 χ^2/NDF: 13707.1/90

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.744+/-0.640 χ^2/NDF: 672.7/19

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -80.270+/-0.541 χ^2/NDF: 2241.0/22

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

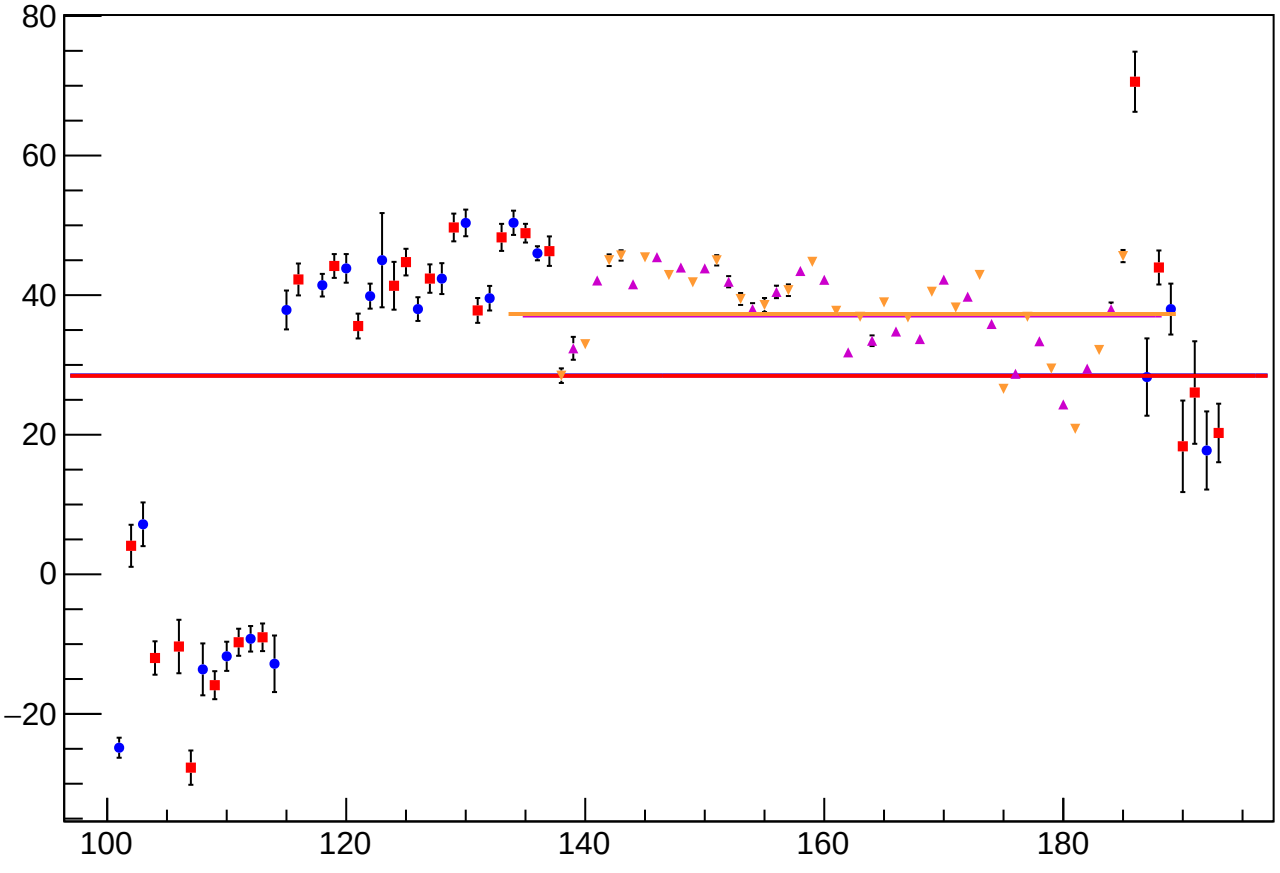
Right: -75.044+/-0.413 χ^2/NDF: 3137.1/42

In: -46.616+/-0.136 χ^2/NDF:19558.9/42

Out: -48.296+/-0.134 χ^2/NDF:25939.3/47

All: -47.469+/-0.095 χ^2/NDF: 45575.6/90

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.501+/-0.451 χ^2/NDF: 3340.8/19

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.439+/-0.462 χ^2/NDF: 3173.8/22

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

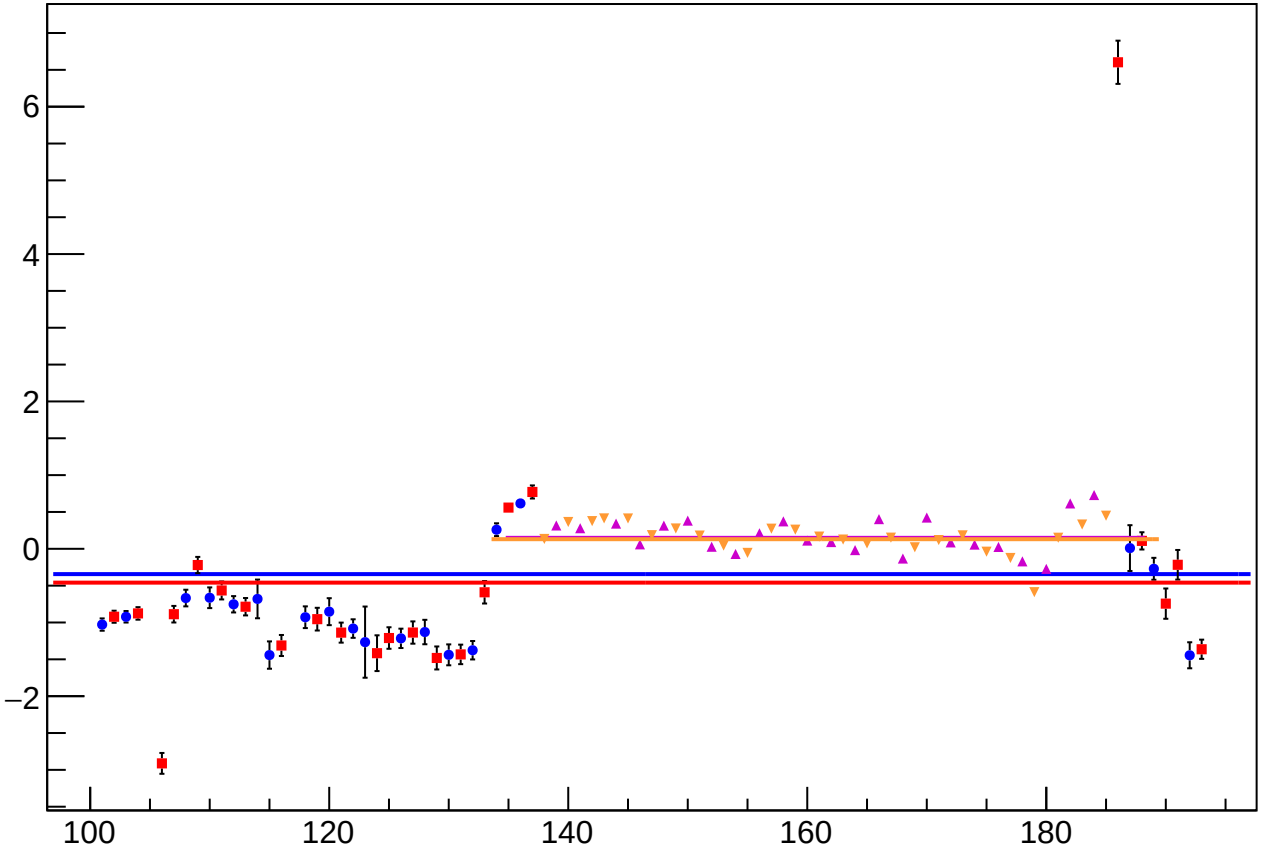
Right: 28.471+/-0.323 χ^2/NDF: 6514.6/42

In: 36.469+/-0.120 χ^2/NDF:6082.9/42

Out: 36.712+/-0.119 χ^2/NDF:6629.6/47

All: 36.592+/-0.085 χ^2/NDF: 12714.6/90

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.343+/-0.024 χ^2/NDF: 1053.9/19

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.459+/-0.024 χ^2/NDF: 1821.8/22

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

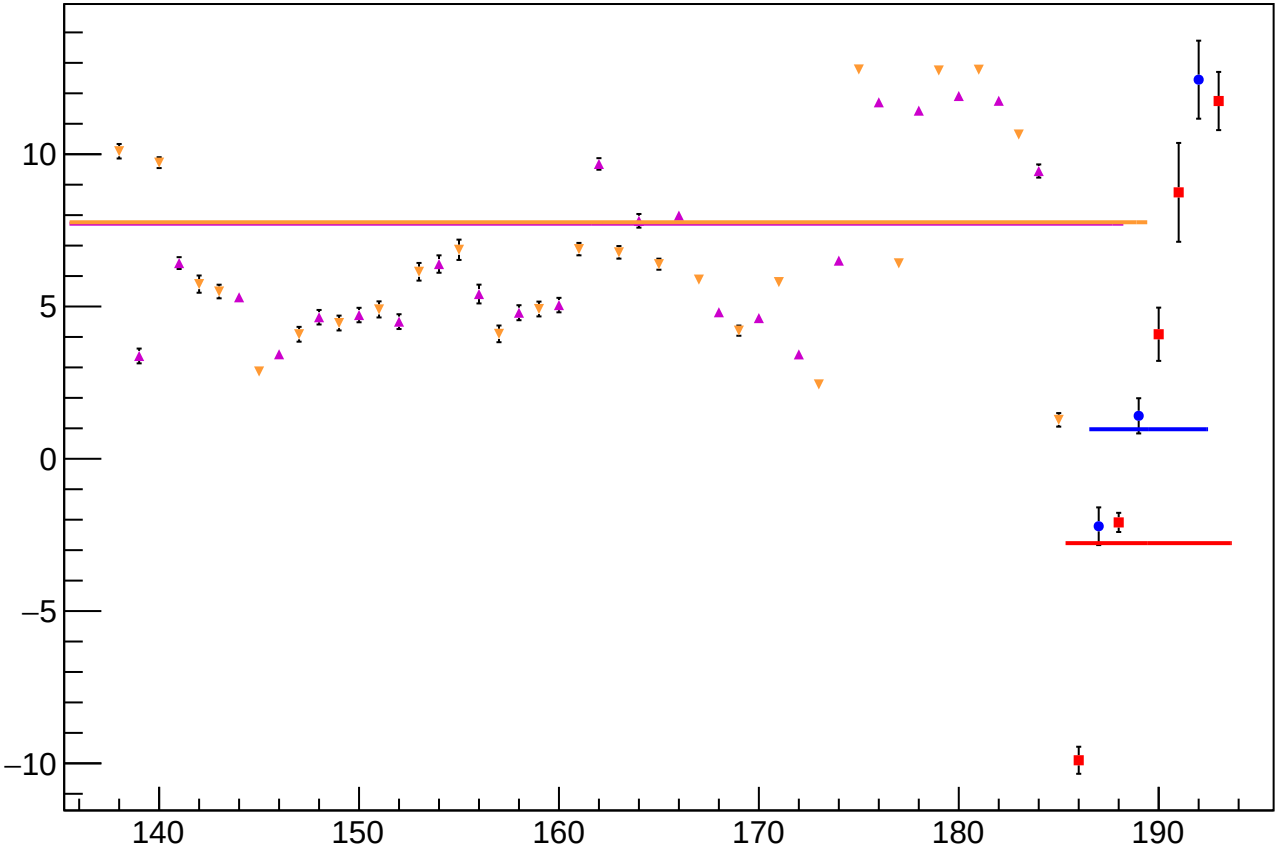
Right: -0.401+/-0.017 χ^2/NDF: 2887.1/42

In: 0.123+/-0.006 χ^2/NDF:3258.1/42

Out: 0.100+/-0.005 χ^2/NDF:3801.4/47

All: 0.111+/-0.004 χ^2/NDF: 7067.9/90

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.970+/-0.401 χ^2/NDF: 107.3/2

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -2.770+/-0.236 χ^2/NDF: 605.0/4

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

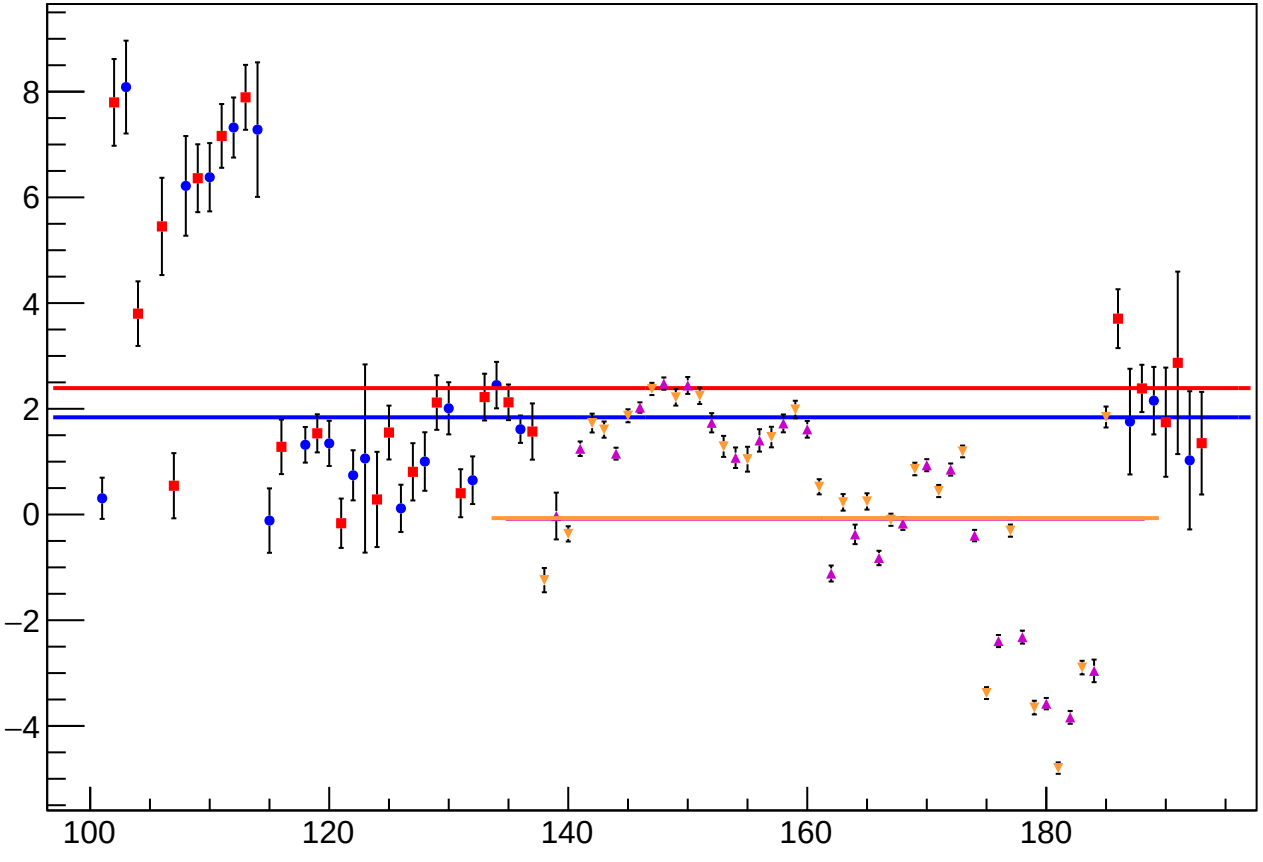
Right: -1.808+/-0.203 χ^2/NDF: 776.9/7

In: 7.669+/-0.035 χ^2/NDF:8878.7/25

Out: 7.547+/-0.034 χ^2/NDF:14260.3/29

All: 7.606+/-0.024 χ^2/NDF: 23145.2/55

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.839+/-0.113 χ^2/NDF: 295.5/19

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.391+/-0.114 χ^2/NDF: 336.5/22

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

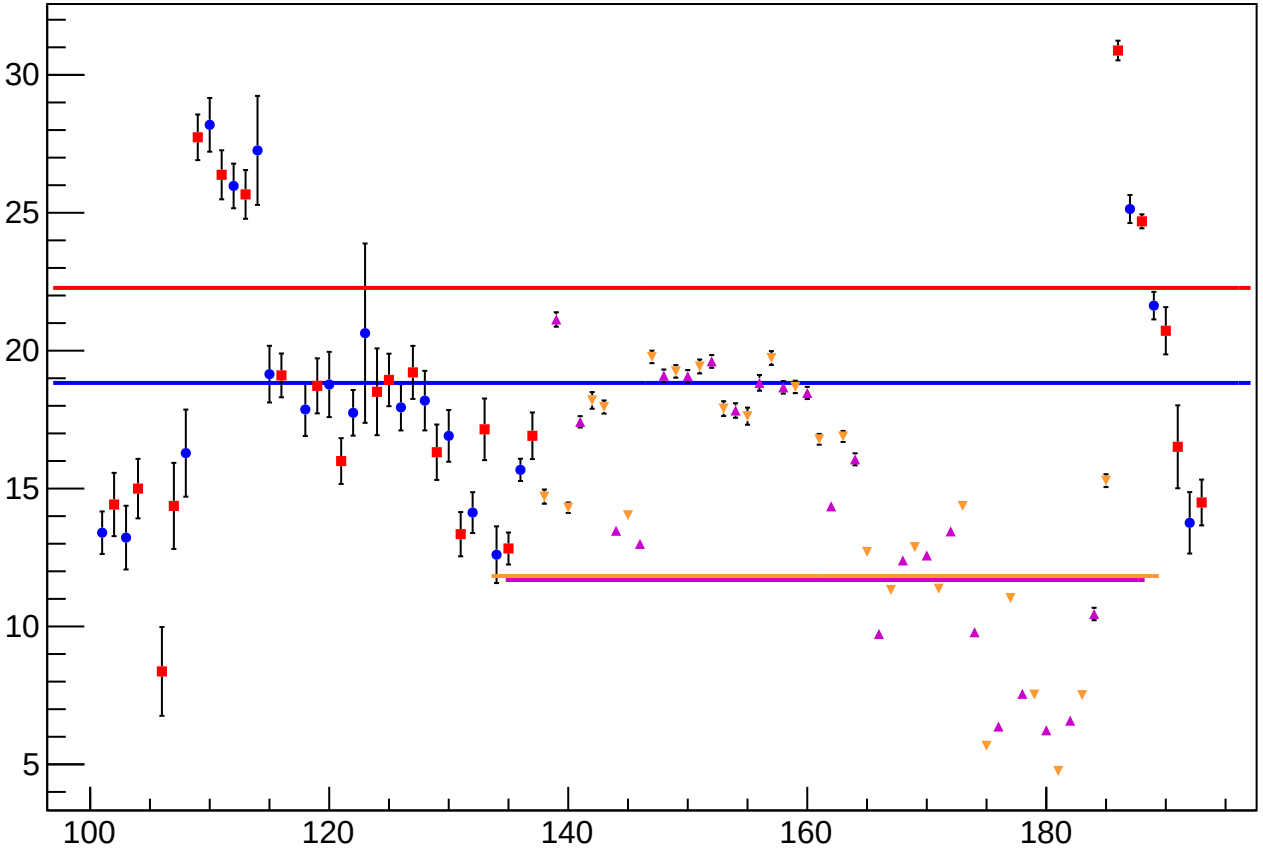
Right: 2.113+/-0.080 χ^2/NDF: 643.9/42

In: 0.033+/-0.027 χ^2/NDF:5555.7/42

Out: 0.070+/-0.027 χ^2/NDF:6809.4/47

All: 0.052+/-0.019 χ^2/NDF: 12366.0/90

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.831+/-0.180 χ^2/NDF: 617.1/19

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 22.277+/-0.145 χ^2/NDF: 1649.8/22

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

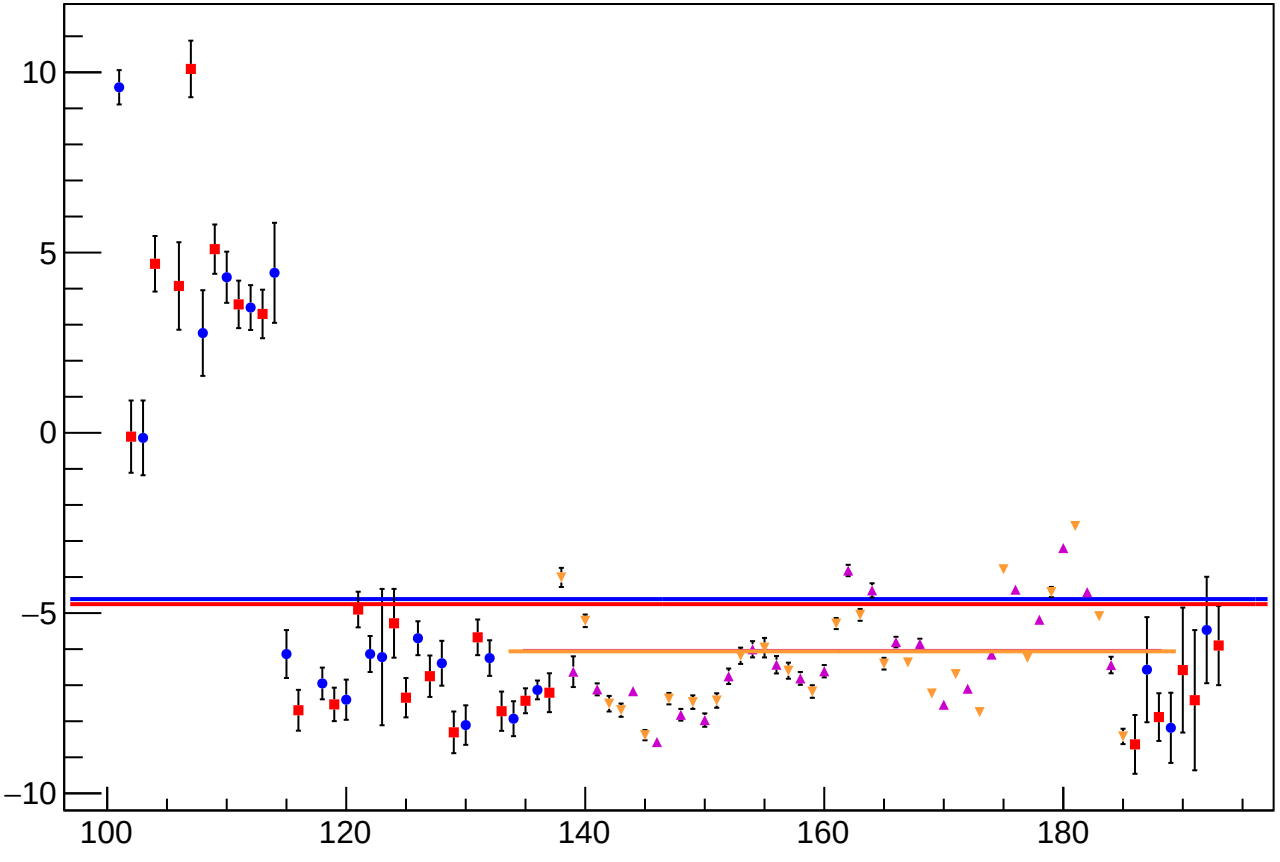
Right: 20.915+/-0.113 χ^2/NDF: 2489.4/42

In: 11.945+/-0.034 χ^2/NDF:19069.1/42

Out: 12.395+/-0.034 χ^2/NDF:25575.0/47

All: 12.174+/-0.024 χ^2/NDF: 44730.9/90

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.611+/-0.127 χ^2/NDF: 1606.2/19

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.752+/-0.131 χ^2/NDF: 1391.2/22

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

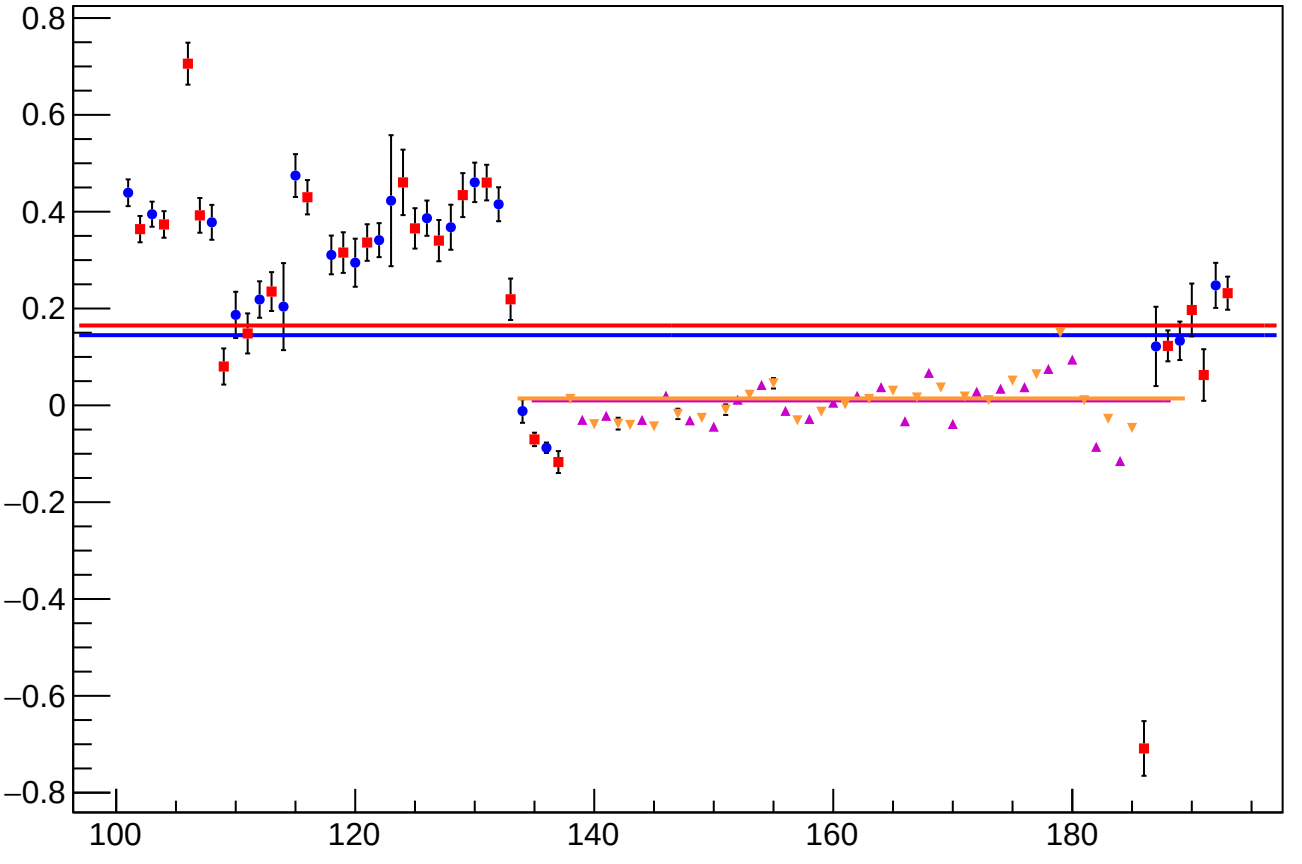
Right: -4.680+/-0.091 χ^2/NDF: 2998.0/42

In: -5.966+/-0.031 χ^2/NDF:4029.6/42

Out: -5.990+/-0.030 χ^2/NDF:4135.1/47

All: -5.978+/-0.022 χ^2/NDF: 8165.0/90

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.145+/-0.007 χ^2/NDF: 1065.5/19

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.165+/-0.007 χ^2/NDF: 1256.5/22

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

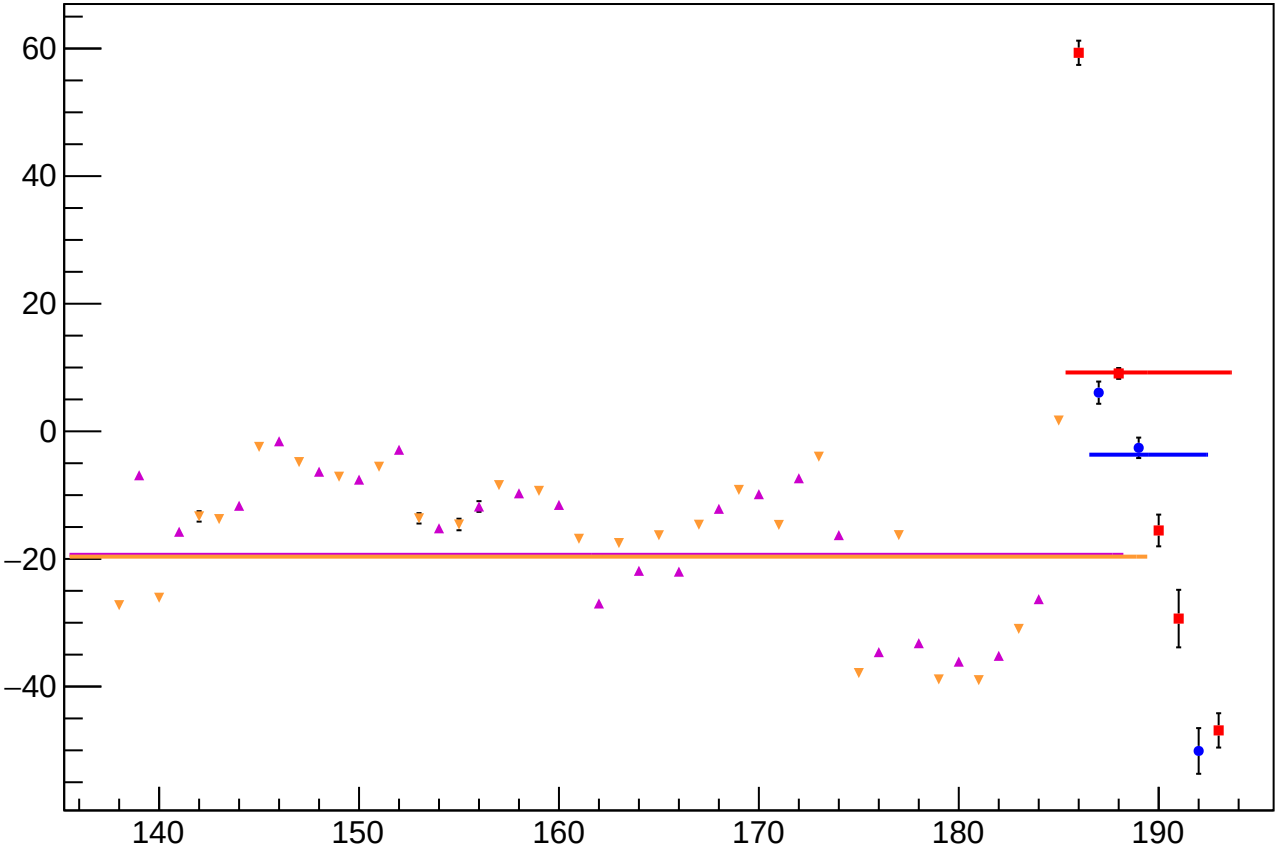
Right: 0.155+/-0.005 χ^2/NDF: 2326.3/42

In: 0.016+/-0.001 χ^2/NDF:2661.4/42

Out: 0.020+/-0.001 χ^2/NDF:2666.3/47

All: 0.018+/-0.001 χ^2/NDF: 5332.9/90

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.659+/-1.120 χ^2/NDF: 199.8/2

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: 9.225+/-0.704 χ^2/NDF: 1302.4/4

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

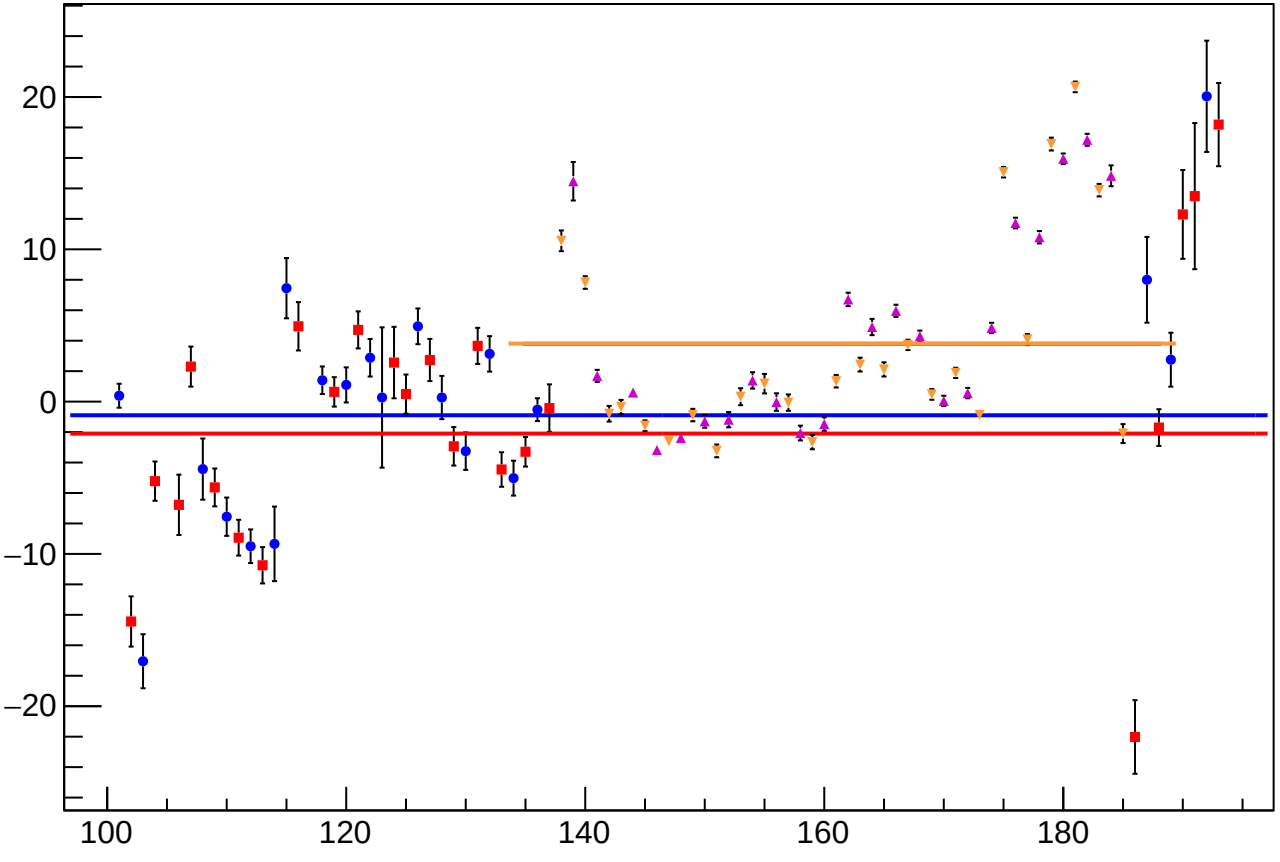
Right: 5.577+/-0.596 χ^2/NDF: 1597.0/7

In: -19.220+/-0.104 χ^2/NDF:12811.4/25

Out: -19.034+/-0.102 χ^2/NDF:18678.2/29

All: -19.125+/-0.073 χ^2/NDF: 31491.2/55

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.896+/-0.284 χ^2/NDF: 326.9/19

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -2.100+/-0.288 χ^2/NDF: 441.4/22

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

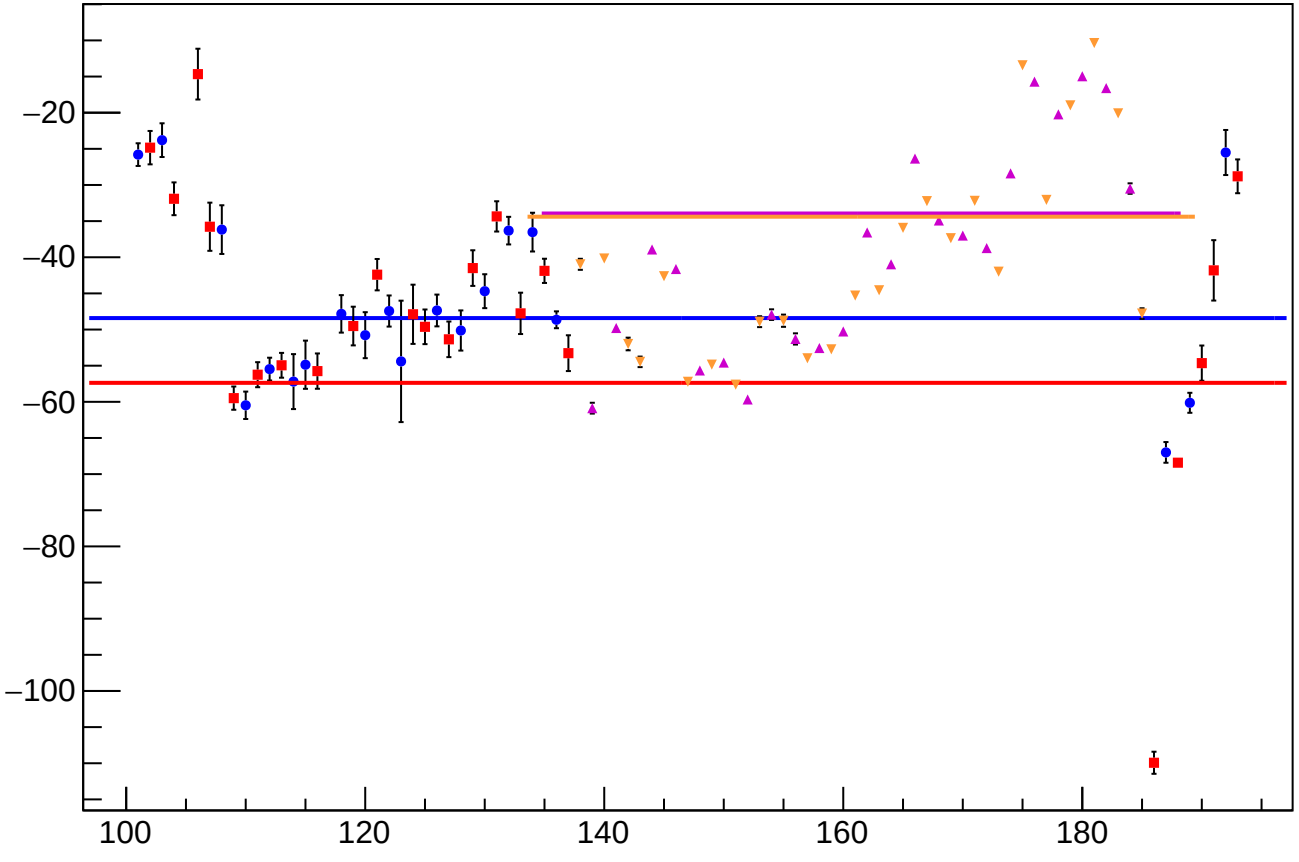
Right: -1.489+/-0.202 χ^2/NDF: 777.2/42

In: 3.423+/-0.080 χ^2/NDF:6112.8/42

Out: 3.365+/-0.079 χ^2/NDF:7949.4/47

All: 3.394+/-0.056 χ^2/NDF: 14062.4/90

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.413+/-0.458 χ^2/NDF: 760.5/19

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -57.373+/-0.391 χ^2/NDF: 2467.7/22

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

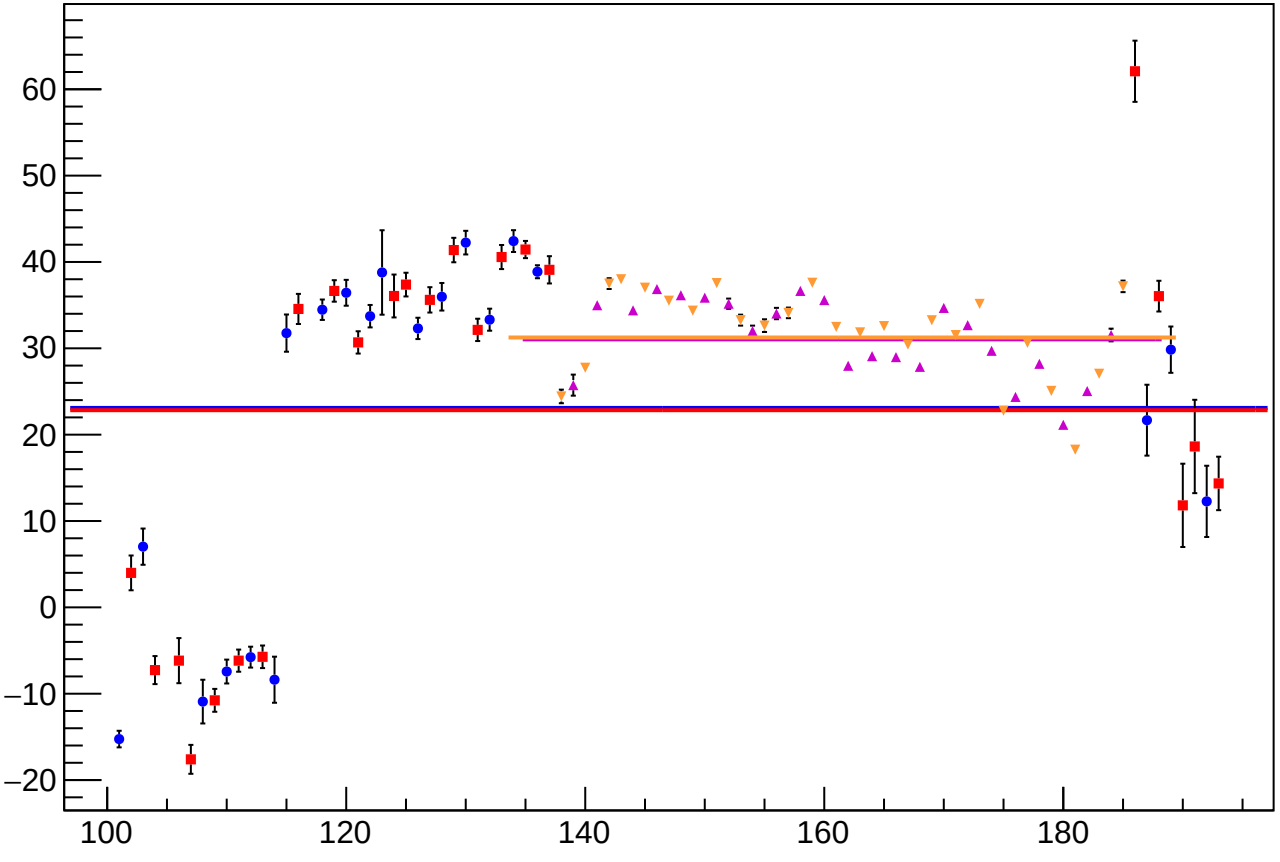
Right: -53.590+/-0.297 χ^2/NDF: 3449.8/42

In: -34.668+/-0.102 χ^2/NDF:19565.8/42

Out: -35.910+/-0.101 χ^2/NDF:25725.0/47

All: -35.299+/-0.072 χ^2/NDF: 45365.8/90

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.096+/-0.322 χ^2/NDF: 4359.3/19

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.833+/-0.329 χ^2/NDF: 4221.7/22

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

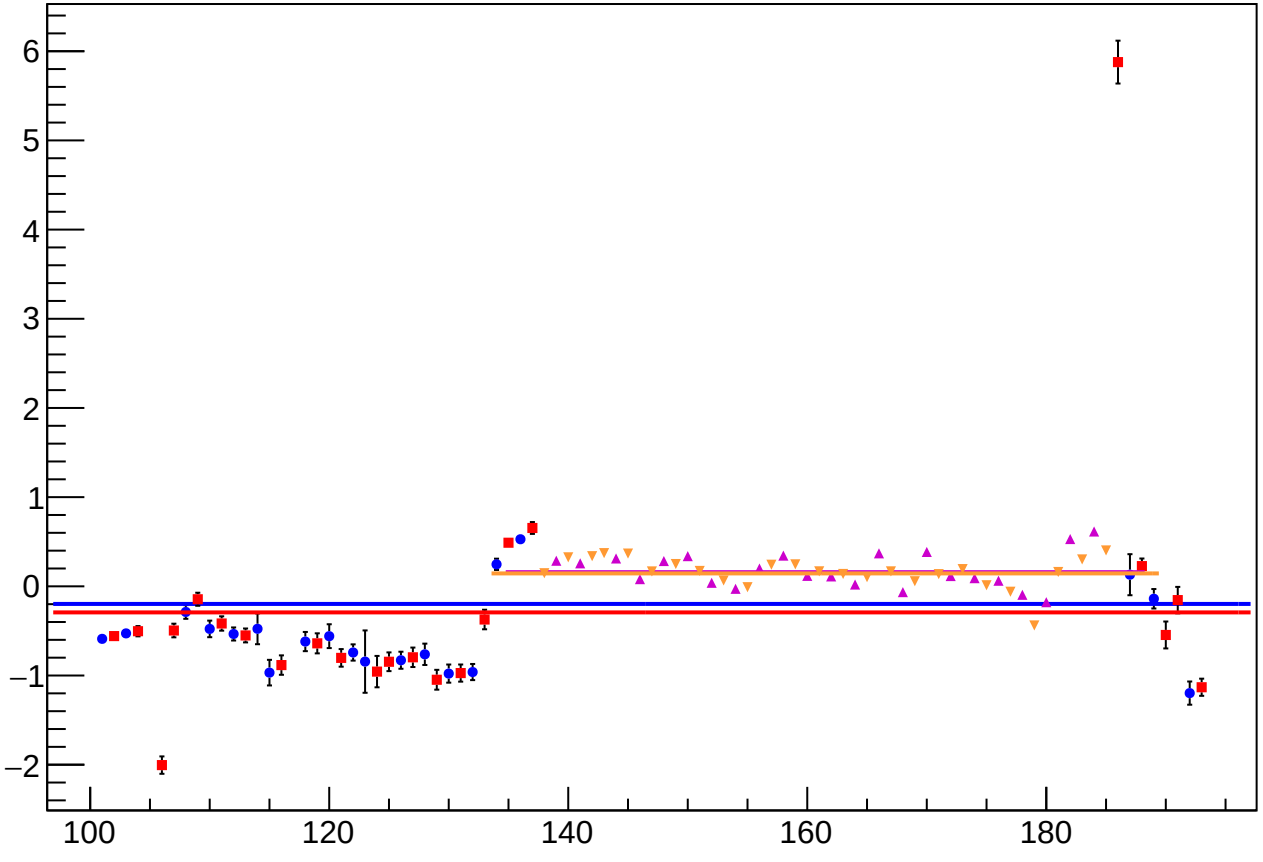
Right: 22.968+/-0.230 χ^2/NDF: 8581.3/42

In: 30.417+/-0.090 χ^2/NDF:7410.0/42

Out: 30.636+/-0.089 χ^2/NDF:8132.5/47

All: 30.528+/-0.063 χ^2/NDF: 15545.5/90

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197+/-0.017 χ^2/NDF: 1060.2/19

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.292+/-0.017 χ^2/NDF: 1956.7/22

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

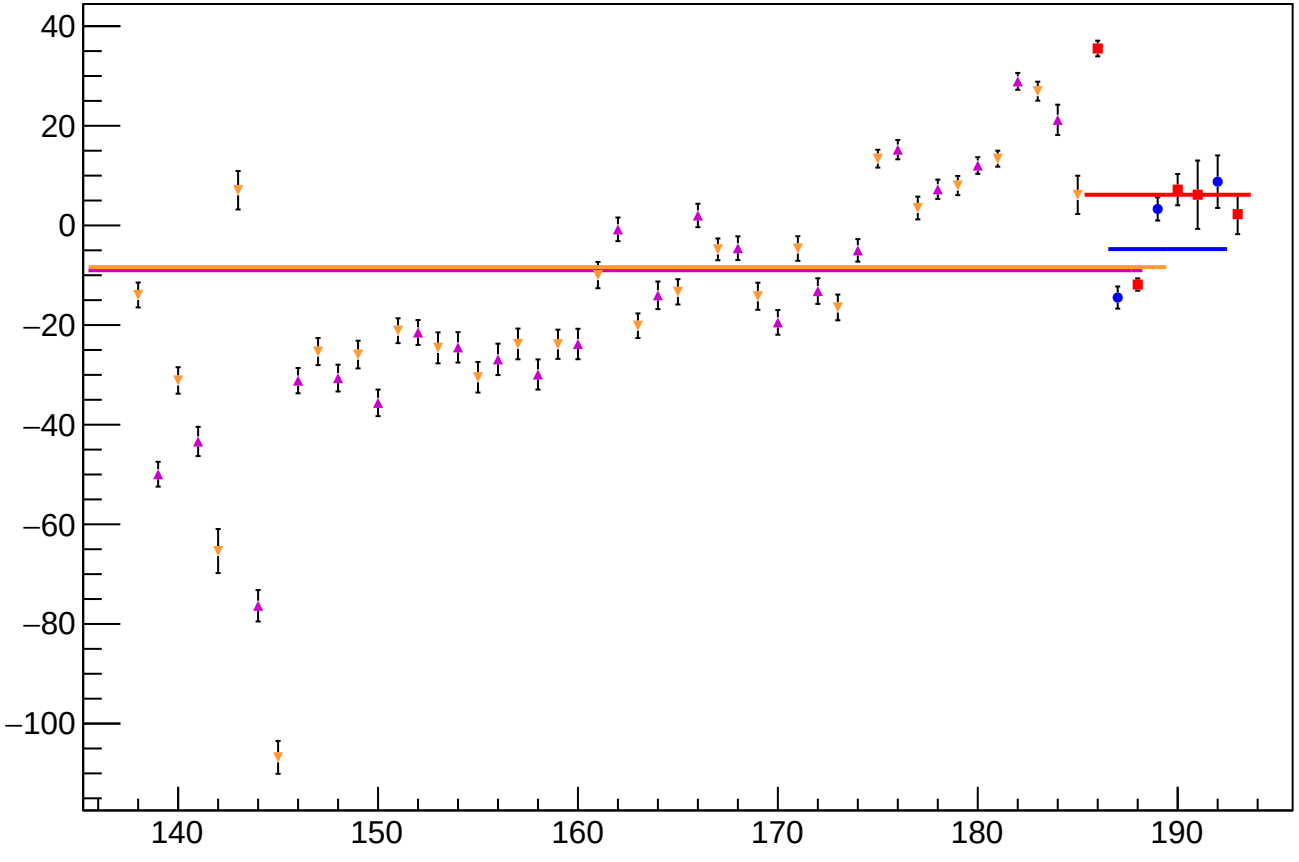
Right: -0.245+/-0.012 χ^2/NDF: 3032.1/42

In: 0.138+/-0.004 χ^2/NDF:3480.7/42

Out: 0.120+/-0.004 χ^2/NDF:4136.1/47

All: 0.129+/-0.003 χ^2/NDF: 7626.7/90

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.751+/-1.536 χ^2/NDF: 37.8/2

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 6.160+/-0.897 χ^2/NDF: 562.0/4

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

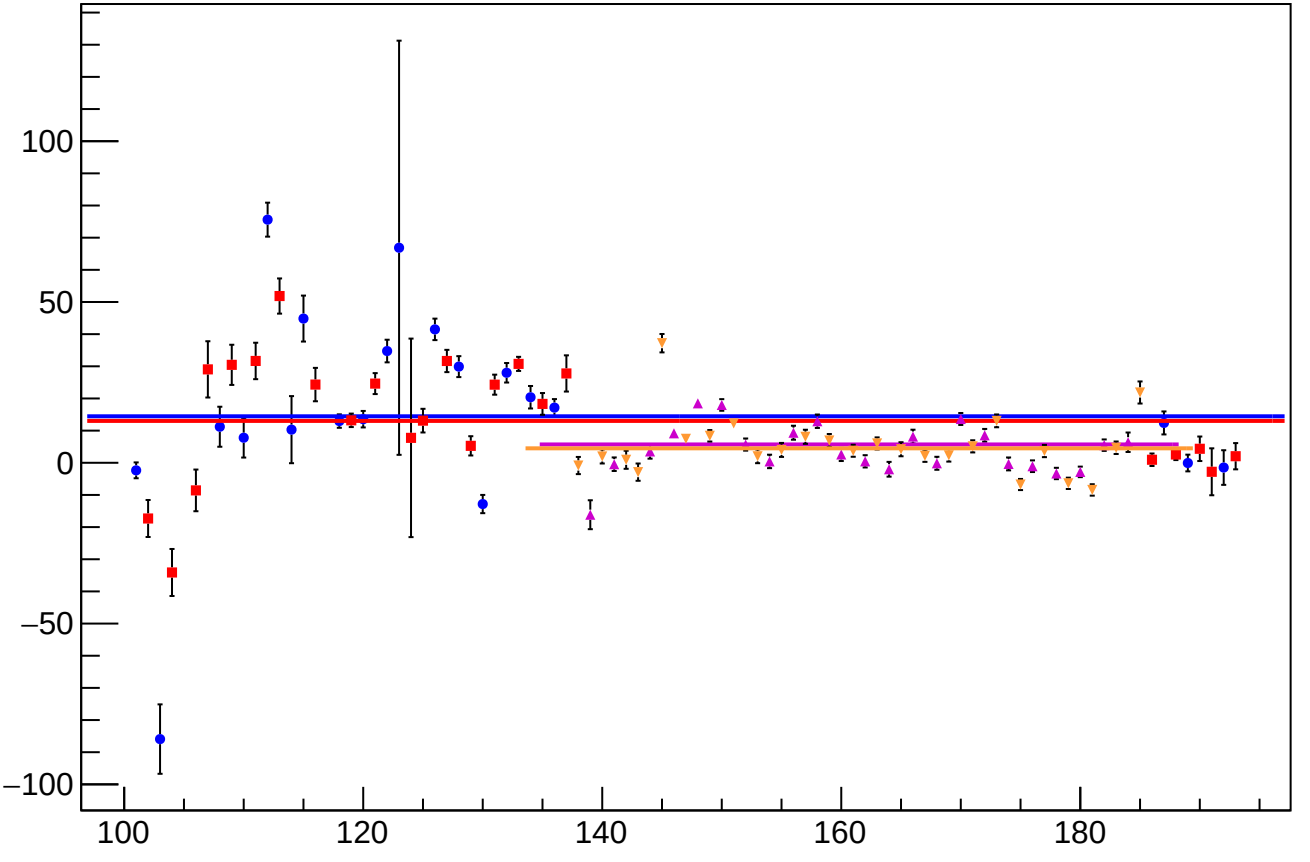
Right: 3.384+/-0.775 χ^2/NDF: 637.4/7

In: -8.581+/-0.480 χ^2/NDF:2352.9/25

Out: -4.929+/-0.437 χ^2/NDF:2986.1/29

All: -6.585+/-0.323 χ^2/NDF: 5370.6/55

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.455+/-0.778 χ^2/NDF: 565.9/19

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 13.021+/-0.710 χ^2/NDF: 386.0/22

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

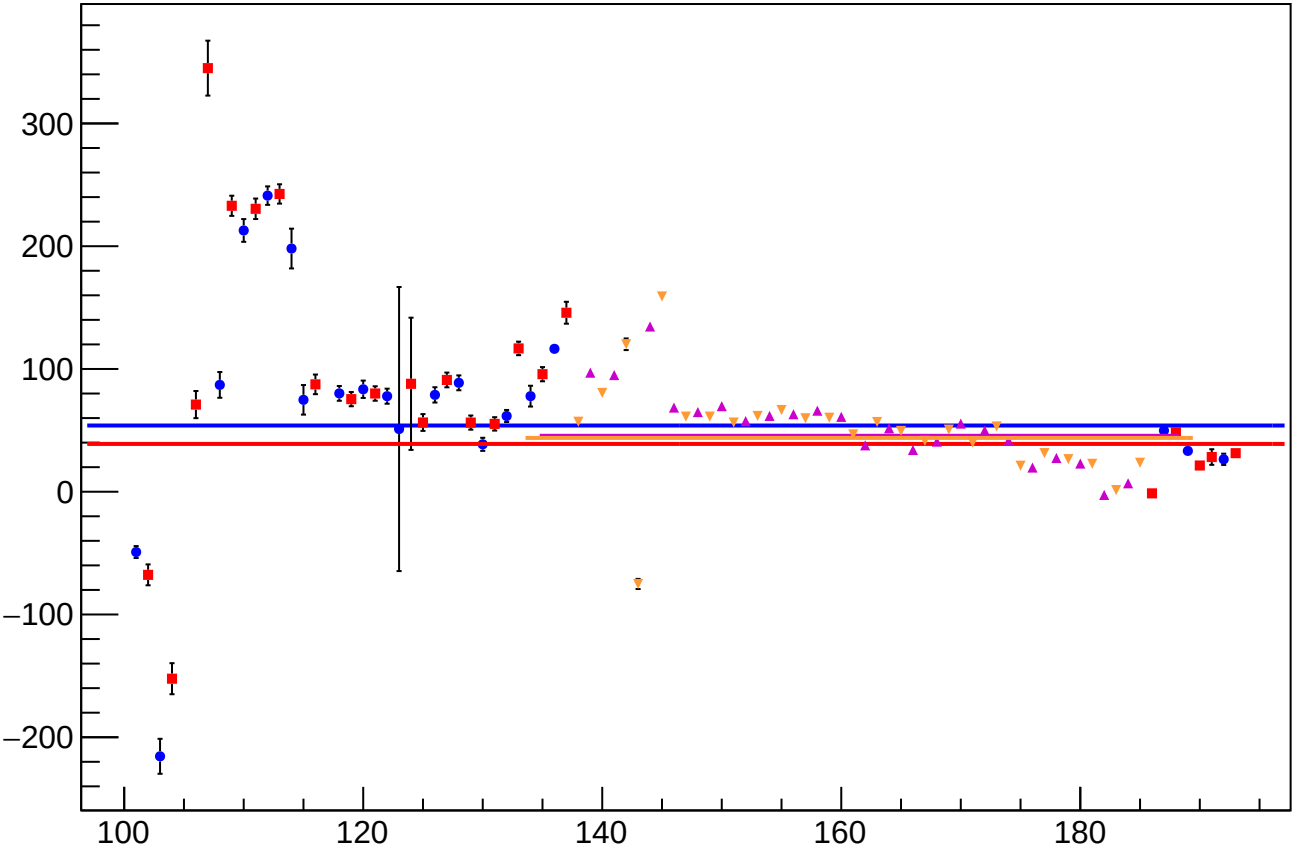
Right: 13.673+/-0.524 χ^2/NDF: 953.7/42

In: 7.554+/-0.358 χ^2/NDF:994.9/42

Out: 6.491+/-0.344 χ^2/NDF:868.5/47

All: 7.001+/-0.248 χ^2/NDF: 1868.0/90

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.941+/-1.010 χ^2/NDF: 2316.3/19

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 38.940+/-0.676 χ^2/NDF: 4156.6/22

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

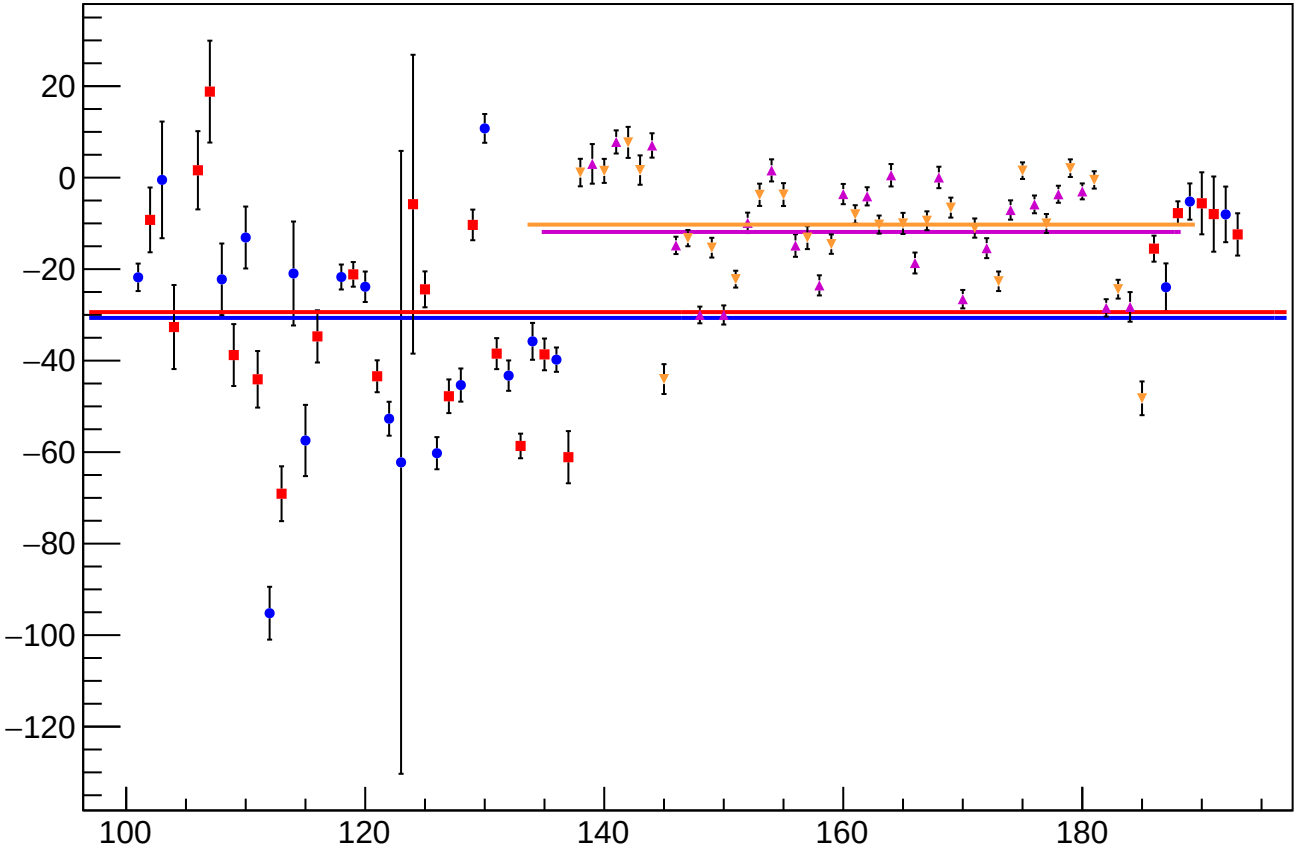
Right: 43.575+/-0.562 χ^2/NDF: 6625.2/42

In: 47.221+/-0.450 χ^2/NDF:5523.9/42

Out: 42.111+/-0.401 χ^2/NDF:7871.6/47

All: 44.375+/-0.300 χ^2/NDF: 13467.3/90

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.664+/-0.918 χ^2/NDF: 555.6/19

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -29.393+/-0.875 χ^2/NDF: 467.5/22

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

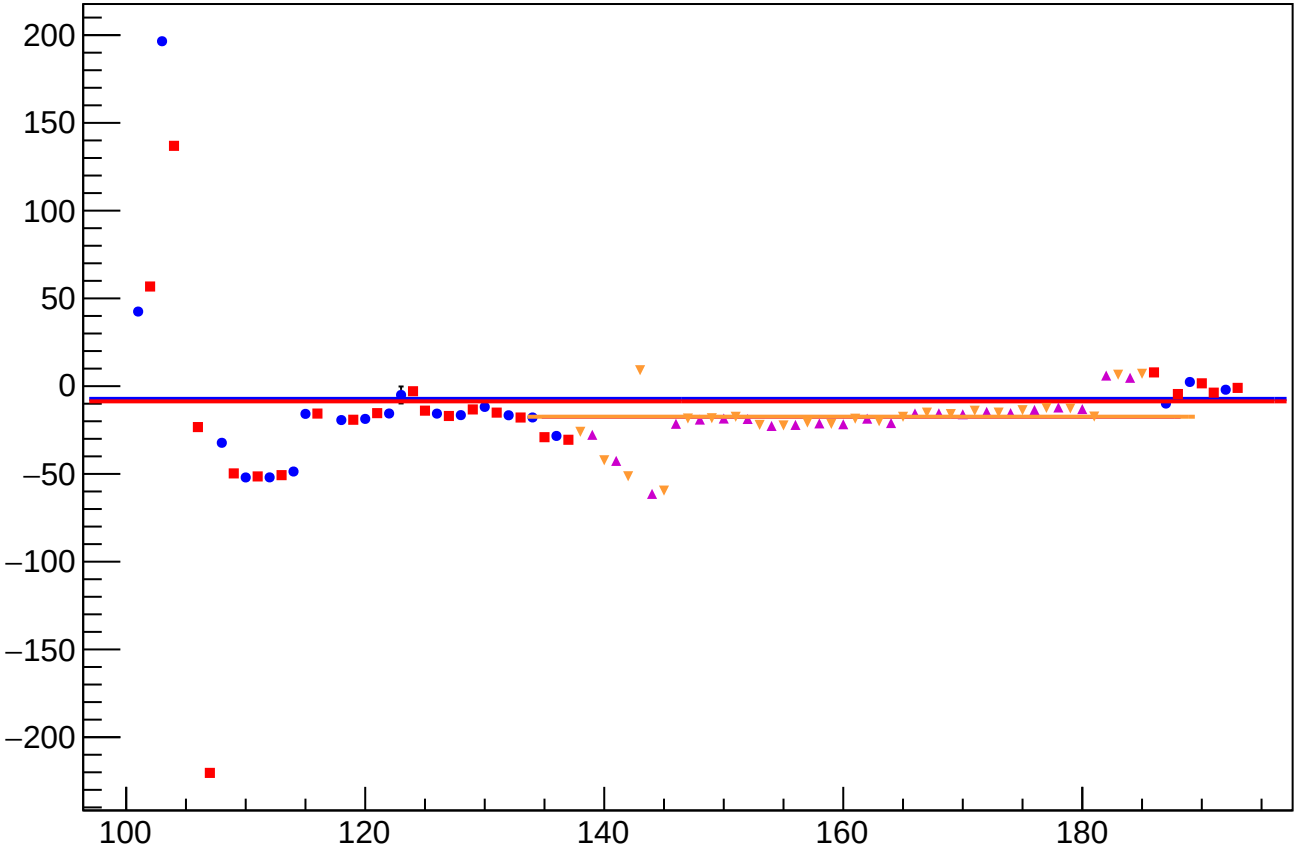
Right: -29.998+/-0.634 χ^2/NDF: 1024.1/42

In: -15.577+/-0.408 χ^2/NDF:1560.3/42

Out: -14.194+/-0.397 χ^2/NDF:1400.6/47

All: -14.867+/-0.284 χ^2/NDF: 2966.8/90

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.243+/-0.053 χ^2/NDF: 580620.9/19

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -8.660+/-0.048 χ^2/NDF: 569434.2/22

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

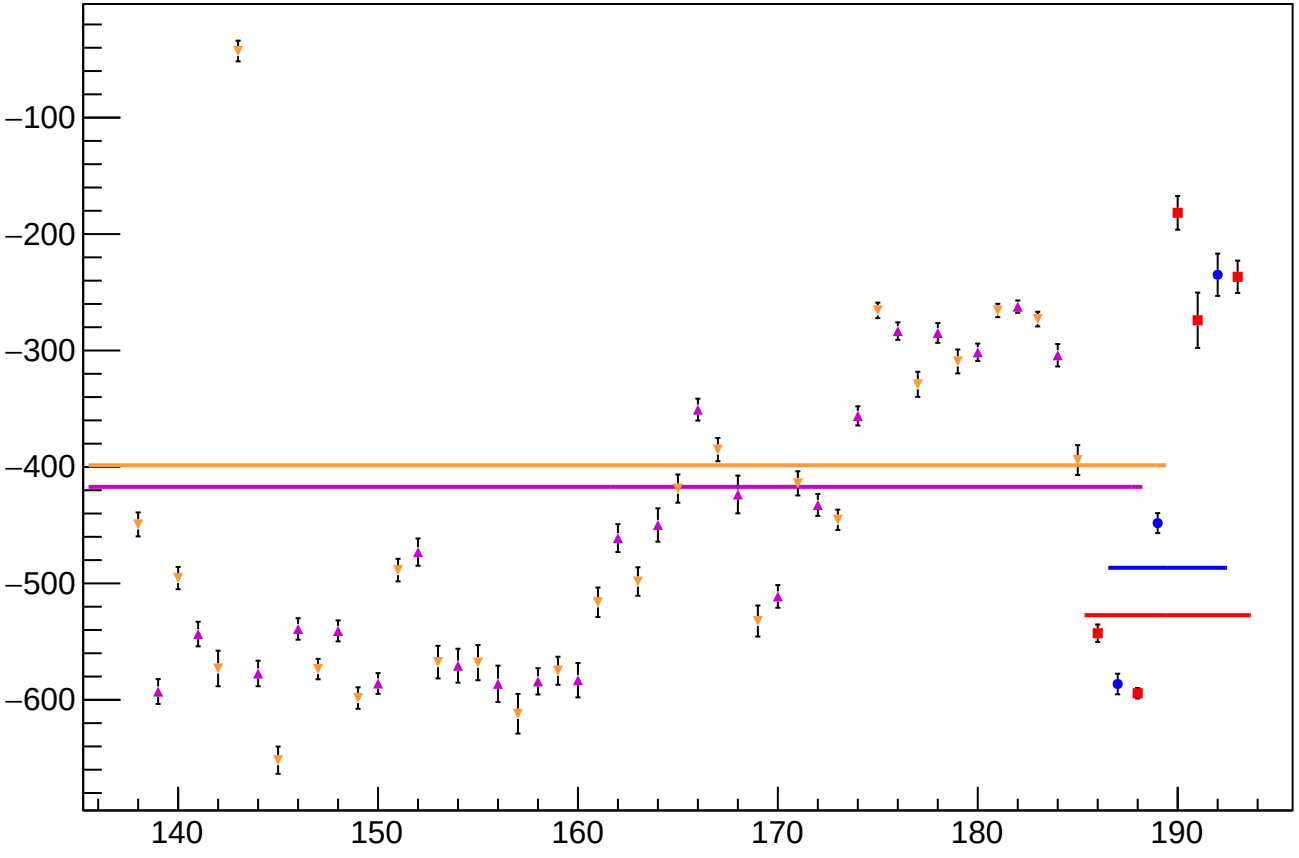
Right: -8.014+/-0.036 χ^2/NDF: 1150449.8/42

In: -16.182+/-0.019 χ^2/NDF:875839.2/42

Out: -16.075+/-0.019 χ^2/NDF:917674.9/47

All: -16.128+/-0.013 χ^2/NDF: 1793529.9/90

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -486.571+/-5.824 χ^2/NDF: 340.3/2

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -527.279+/-3.558 χ^2/NDF: 1349.0/4

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

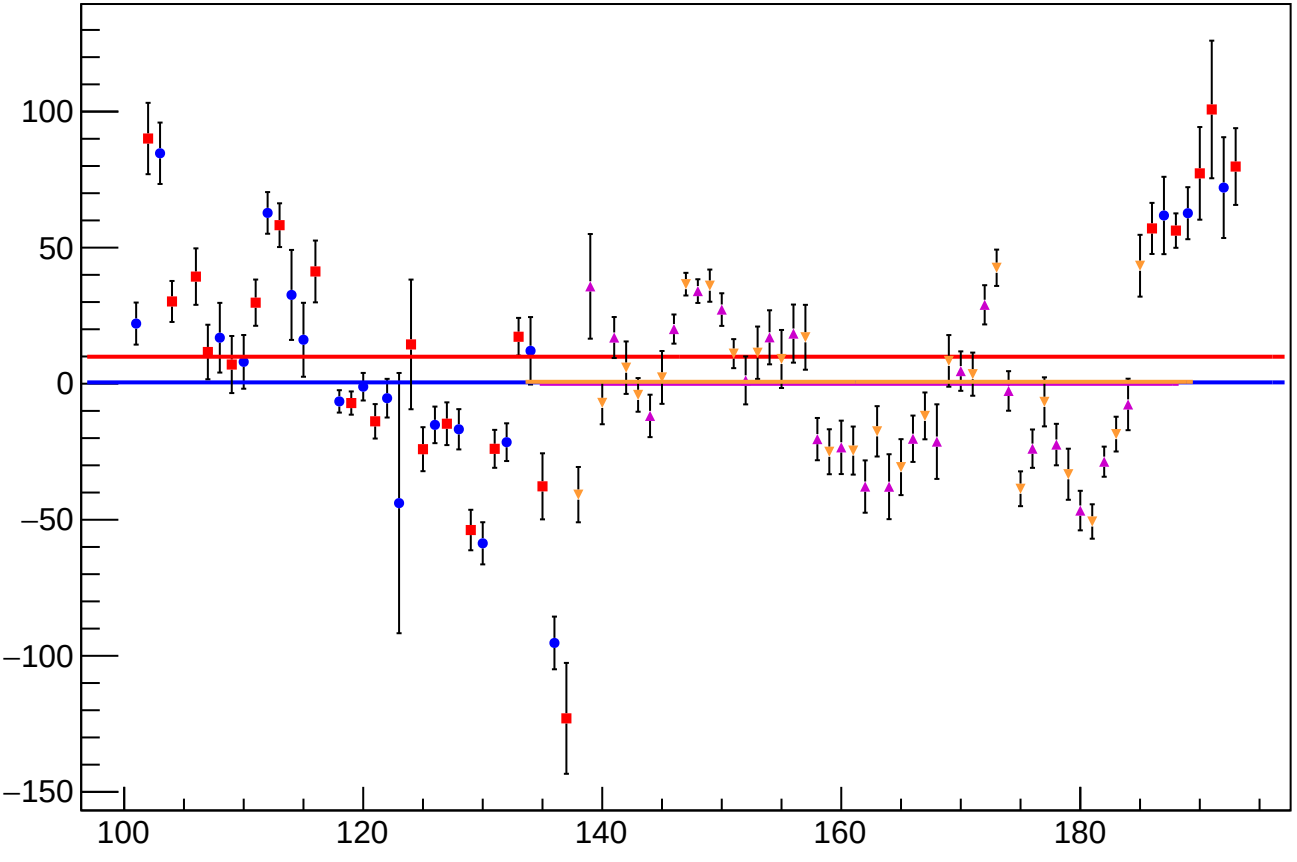
Right: -516.212+/-3.036 χ^2/NDF: 1724.8/7

In: -424.390+/-1.889 χ^2/NDF:4426.2/25

Out: -428.554+/-1.718 χ^2/NDF:8012.1/29

All: -426.669+/-1.271 χ^2/NDF: 12441.0/55

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.479+/-1.828 χ^2/NDF: 395.3/19

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 9.912+/-1.776 χ^2/NDF: 447.5/22

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

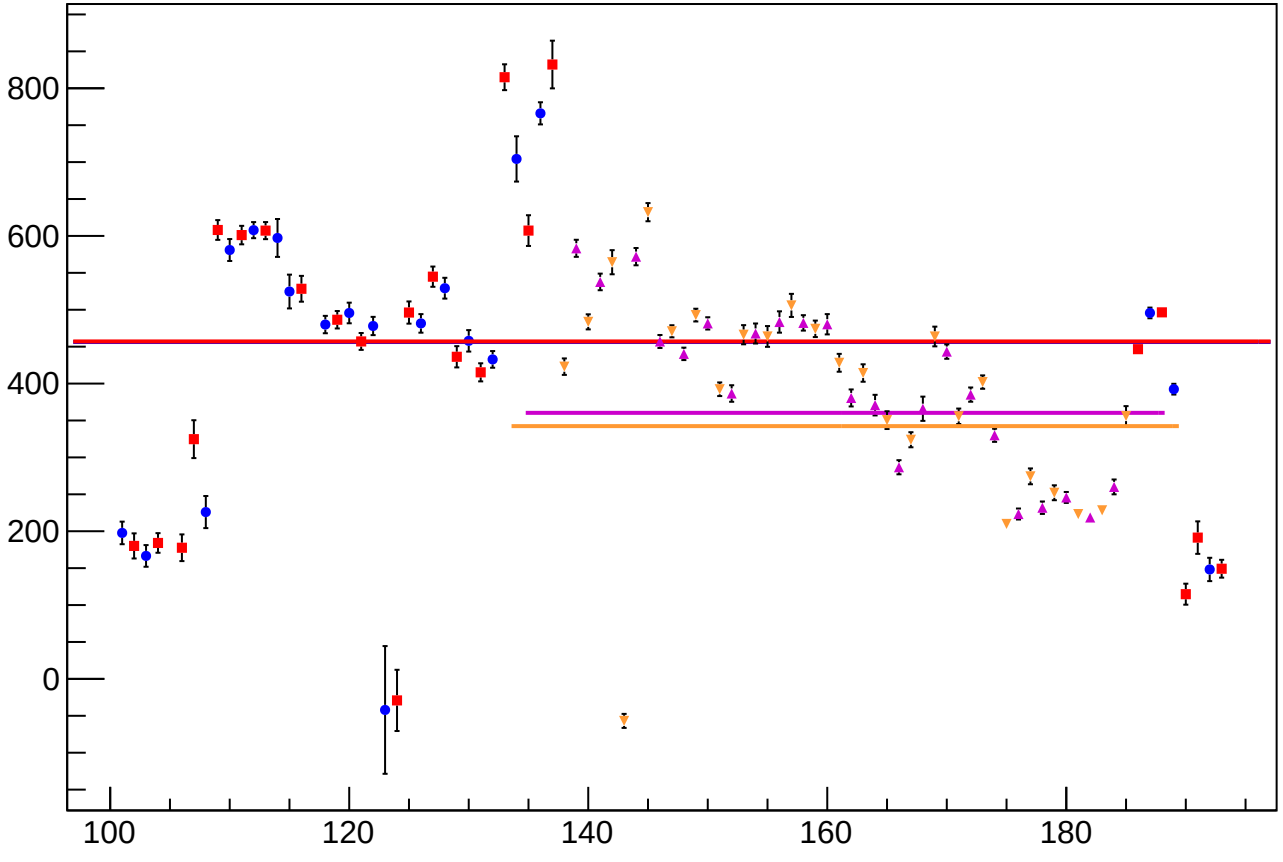
Right: 5.332+/-1.274 χ^2/NDF: 856.5/42

In: 0.174+/-1.192 χ^2/NDF:659.4/42

Out: 4.563+/-1.151 χ^2/NDF:813.1/47

All: 2.445+/-0.828 χ^2/NDF: 1479.5/90

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 456.291+/-2.914 χ^2/NDF: 2153.1/19

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 457.083+/-2.250 χ^2/NDF: 3705.1/22

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

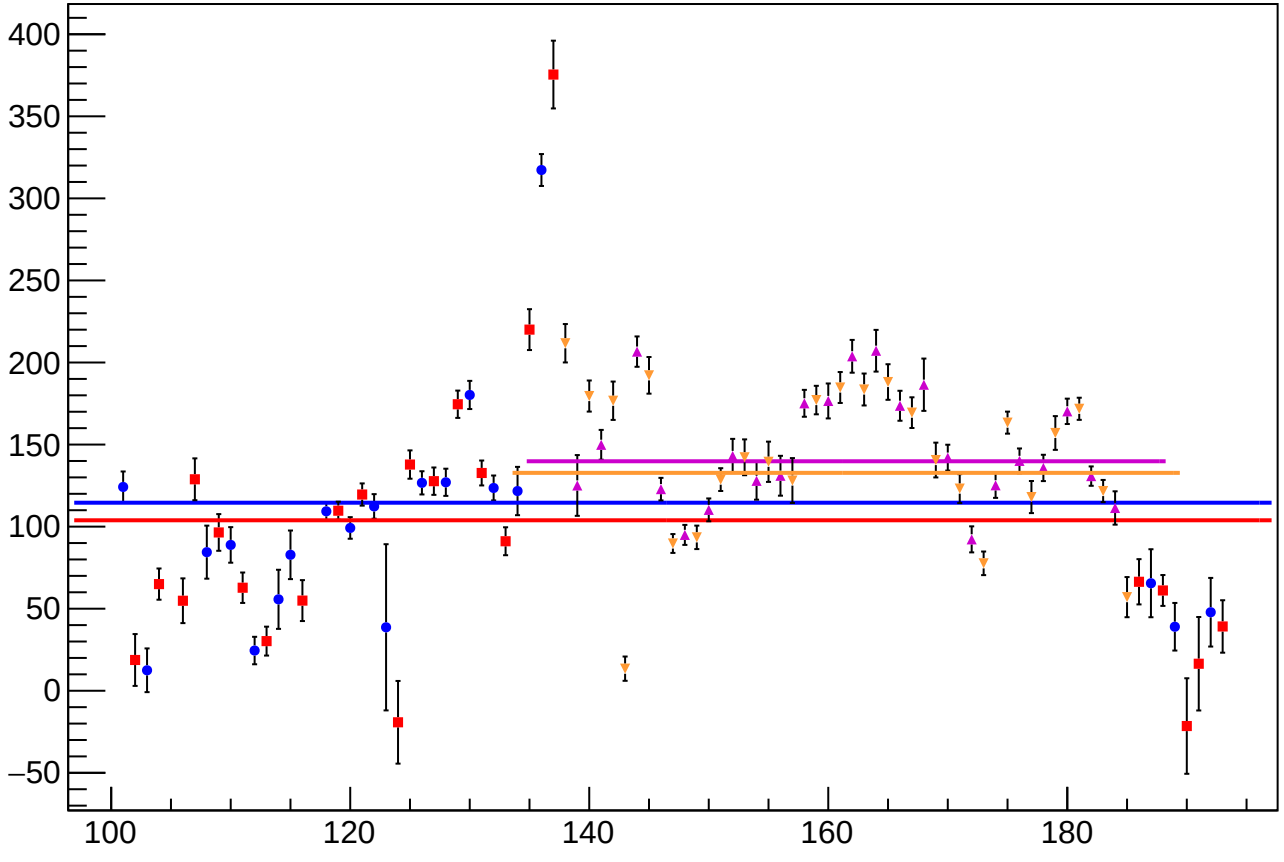
Right: 456.787+/-1.781 χ^2/NDF: 5858.3/42

In: 390.987+/-1.646 χ^2/NDF:6341.0/42

Out: 392.139+/-1.482 χ^2/NDF:10358.3/47

All: 391.624+/-1.102 χ^2/NDF: 16699.6/90

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 114.574+/-2.145 χ^2/NDF: 751.7/19

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 103.867+/-2.098 χ^2/NDF: 643.3/22

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

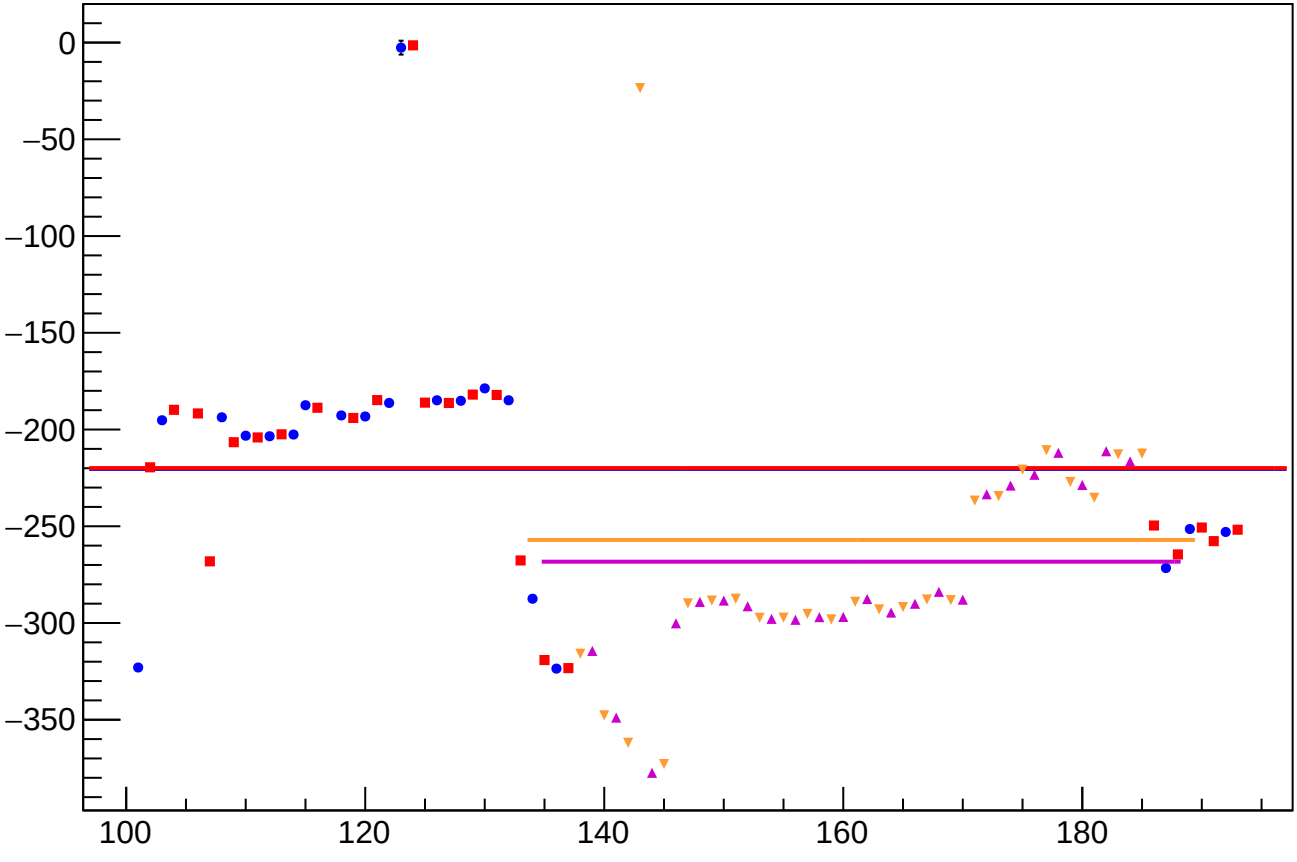
Right: 109.102+/-1.500 χ^2/NDF: 1407.8/42

In: 129.463+/-1.374 χ^2/NDF:1155.1/42

Out: 121.021+/-1.337 χ^2/NDF:1505.5/47

All: 125.128+/-0.958 χ^2/NDF: 2680.0/90

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.359+/-0.129 χ^2/NDF: 154553.7/19

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -219.932+/-0.119 χ^2/NDF: 133110.2/22

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

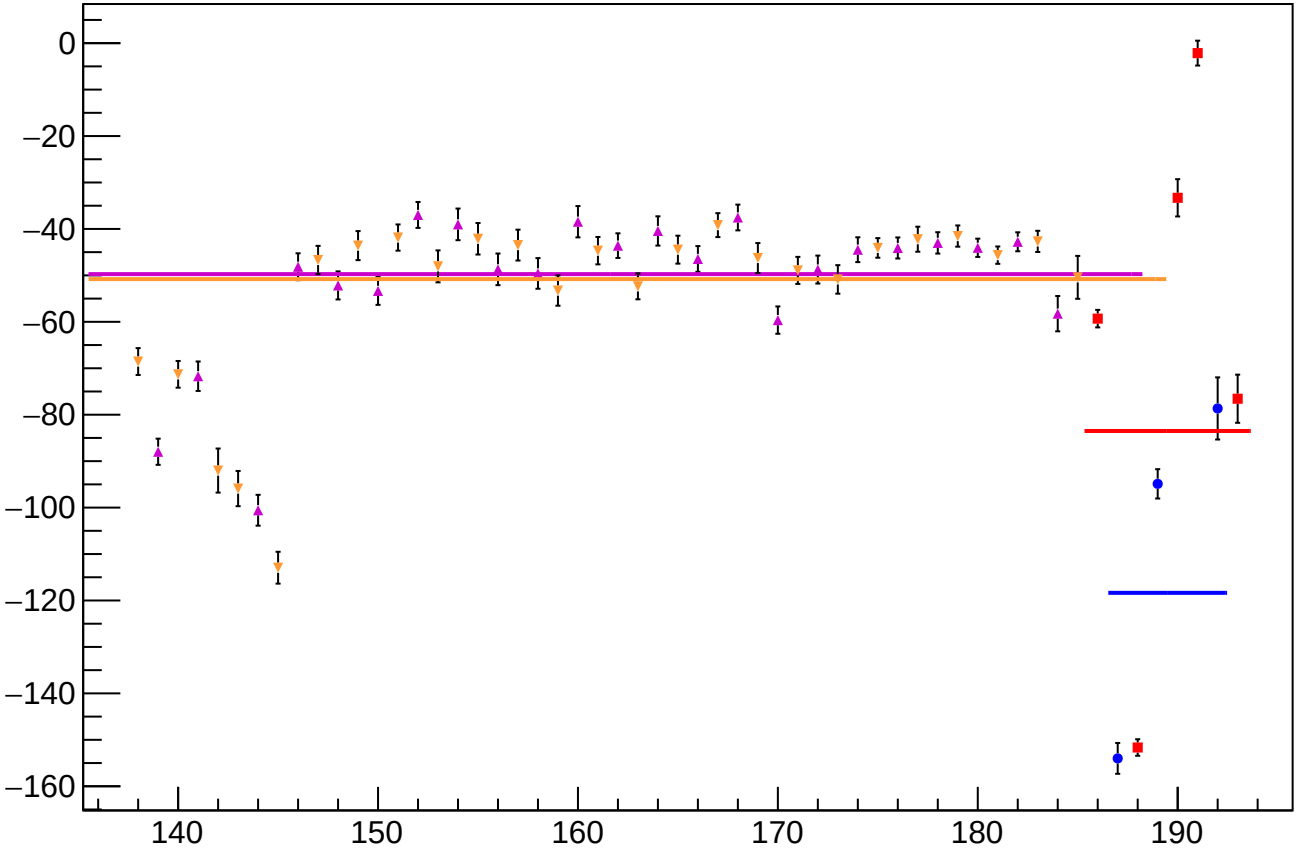
Right: -220.128+/-0.087 χ^2/NDF: 287669.9/42

In: -254.221+/-0.070 χ^2/NDF:516801.2/42

Out: -245.014+/-0.068 χ^2/NDF:864991.6/47

All: -249.460+/-0.049 χ^2/NDF: 1390745.3/90

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -118.353+/-2.165 χ^2/NDF: 205.8/2

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.502+/-1.094 χ^2/NDF: 2710.1/4

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

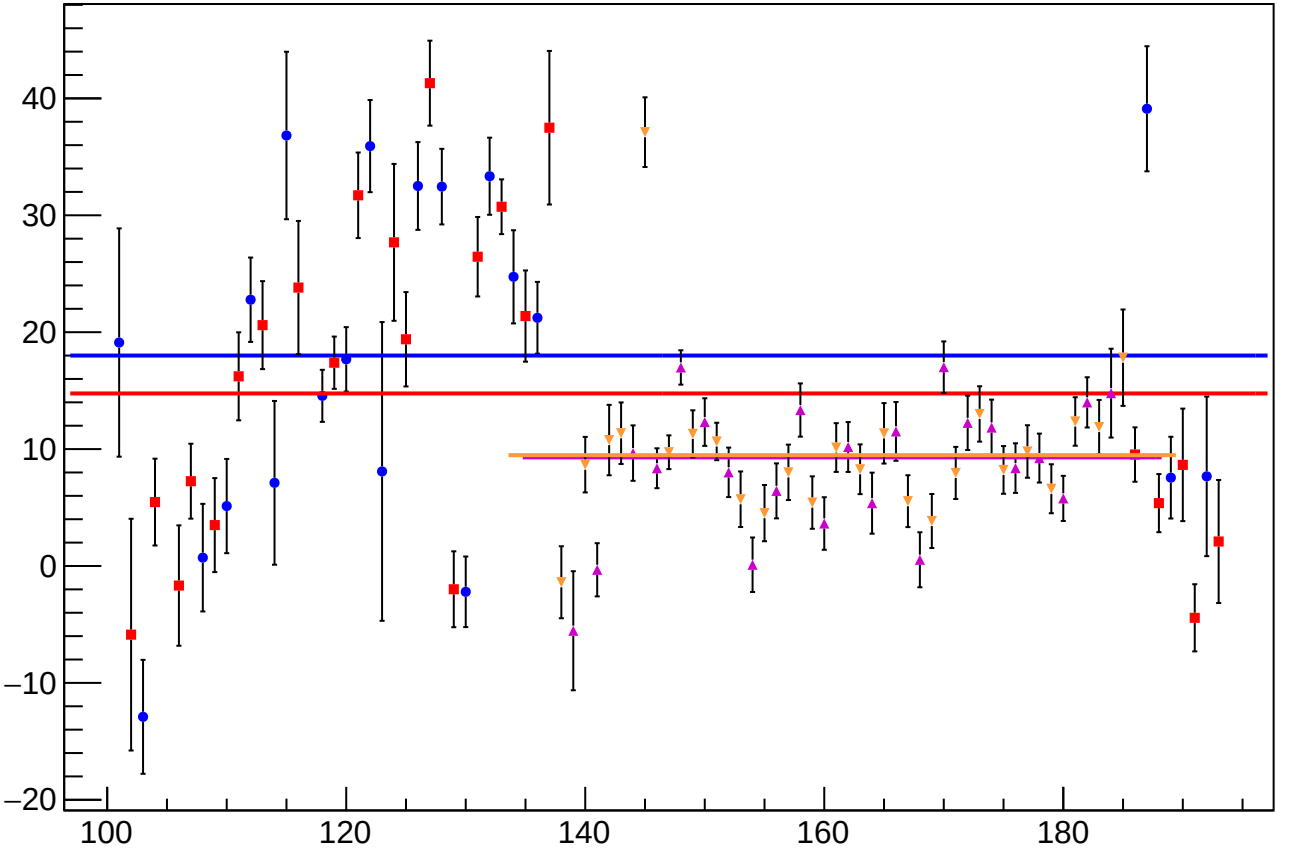
Right: -90.593+/-0.977 χ^2/NDF: 3122.3/7

In: -54.345+/-0.562 χ^2/NDF:1743.8/25

Out: -57.855+/-0.508 χ^2/NDF:4163.2/29

All: -56.275+/-0.377 χ^2/NDF: 5928.5/55

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.002+/-0.858 χ^2/NDF: 231.4/19

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.761+/-0.728 χ^2/NDF: 291.5/22

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

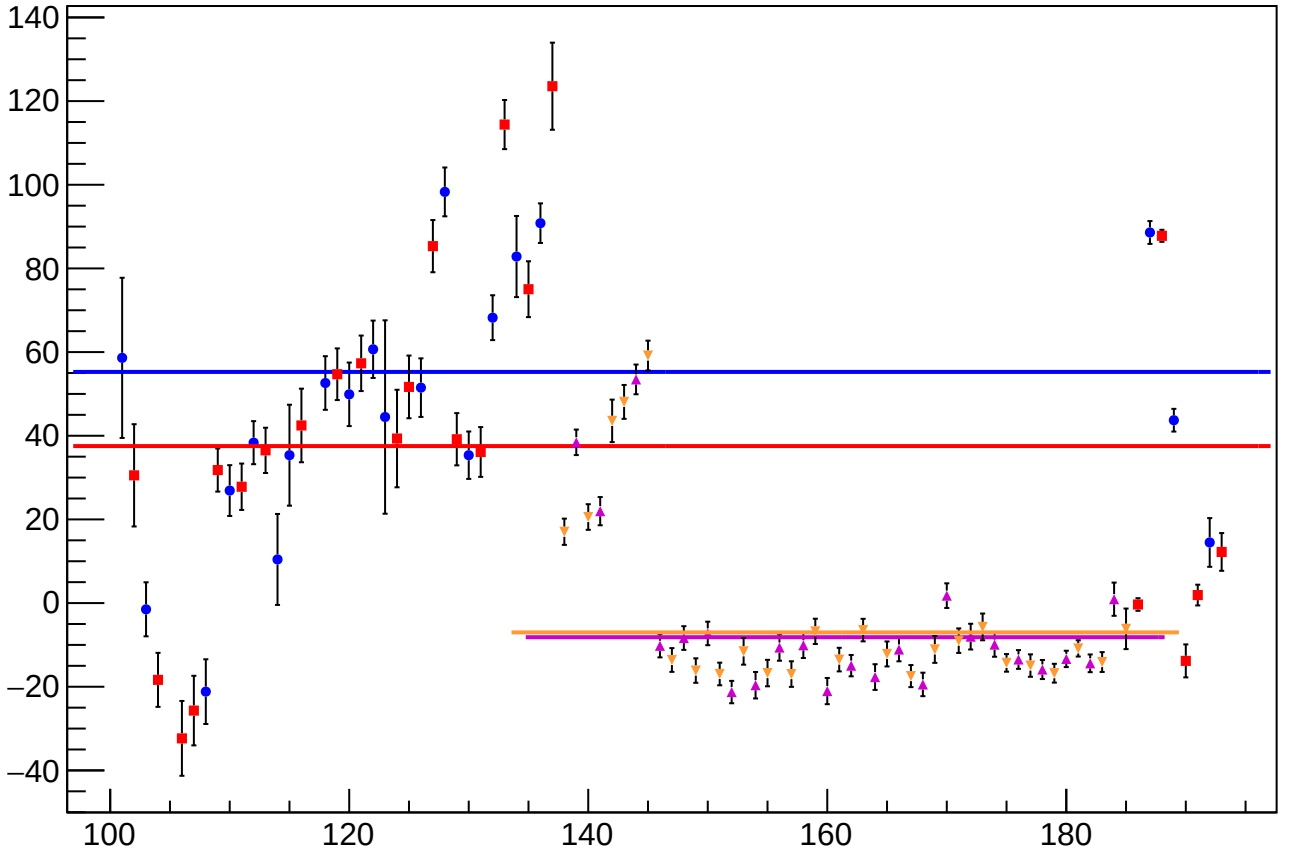
Right: 16.118+/-0.555 χ^2/NDF: 531.3/42

In: 11.237+/-0.406 χ^2/NDF:437.1/42

Out: 10.926+/-0.381 χ^2/NDF:462.7/47

All: 11.072+/-0.278 χ^2/NDF: 900.2/90

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.259+/-1.232 χ^2/NDF: 582.6/19

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 37.531+/-0.793 χ^2/NDF: 2810.3/22

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

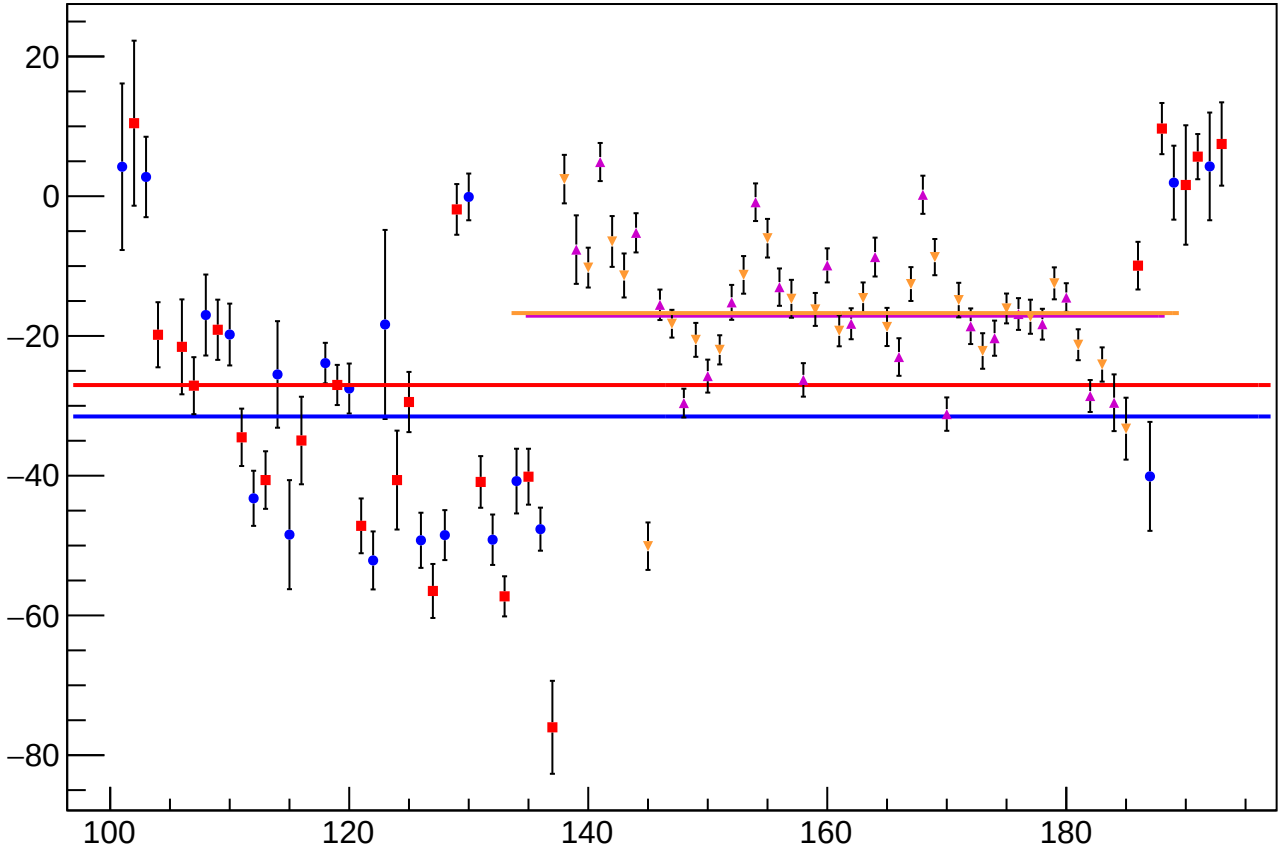
Right: 42.729+/-0.667 χ^2/NDF: 3539.3/42

In: 3.274+/-0.523 χ^2/NDF:3509.2/42

Out: 8.223+/-0.464 χ^2/NDF:5783.3/47

All: 6.044+/-0.347 χ^2/NDF: 9342.5/90

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.525+/-0.997 χ^2/NDF: 354.8/19

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -27.028+/-0.873 χ^2/NDF: 631.2/22

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

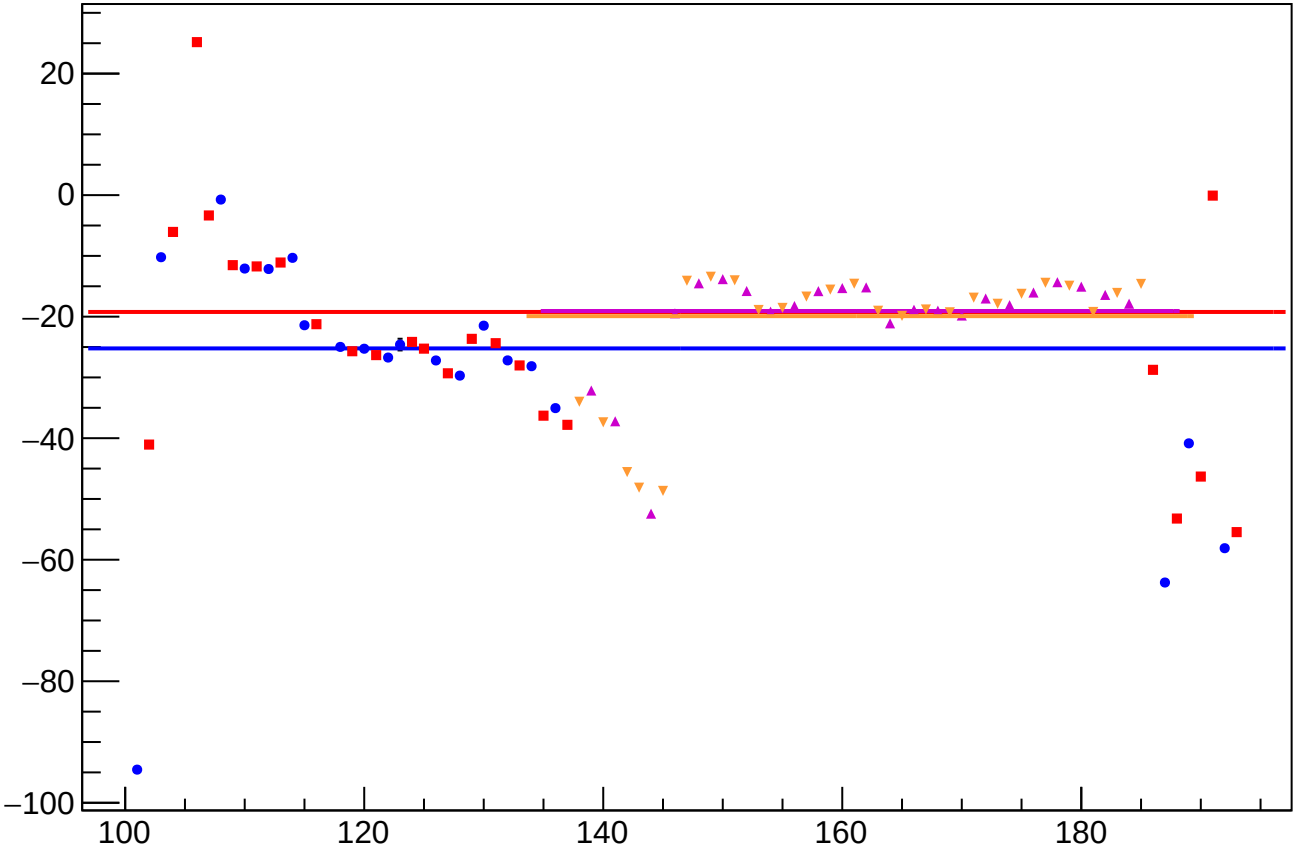
Right: -28.979+/-0.657 χ^2/NDF: 997.5/42

In: -20.189+/-0.461 χ^2/NDF:847.3/42

Out: -19.332+/-0.439 χ^2/NDF:958.6/47

All: -19.739+/-0.318 χ^2/NDF: 1807.7/90

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.226+/-0.055 χ^2/NDF: 84279.9/19

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -19.226+/-0.044 χ^2/NDF: 211939.6/22

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

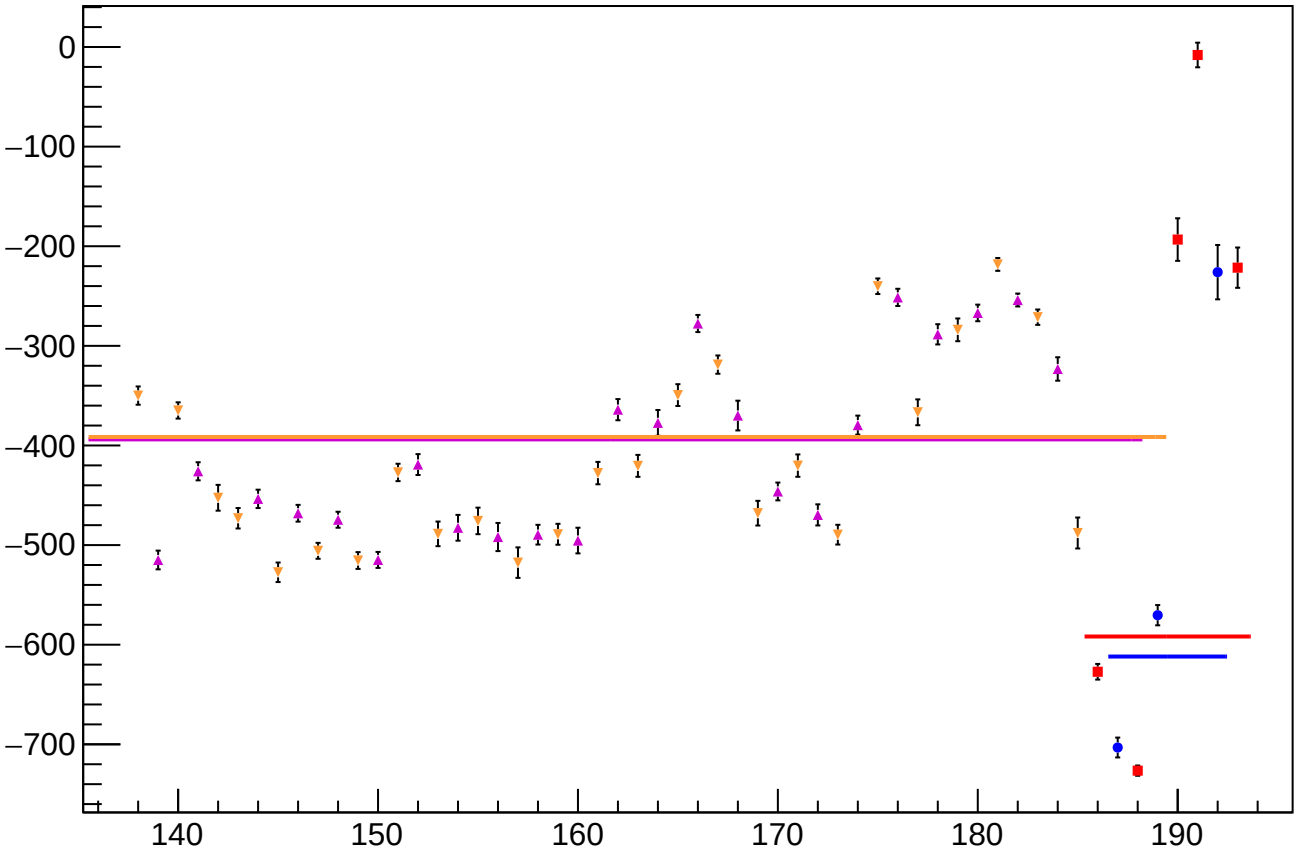
Right: -21.562+/-0.034 χ^2/NDF: 303556.6/42

In: -20.032+/-0.022 χ^2/NDF:187658.4/42

Out: -19.762+/-0.021 χ^2/NDF:353223.5/47

All: -19.890+/-0.015 χ^2/NDF: 540963.3/90

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -611.890+/-6.887 χ^2/NDF: 300.7/2

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -591.774+/-3.933 χ^2/NDF: 3607.1/4

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

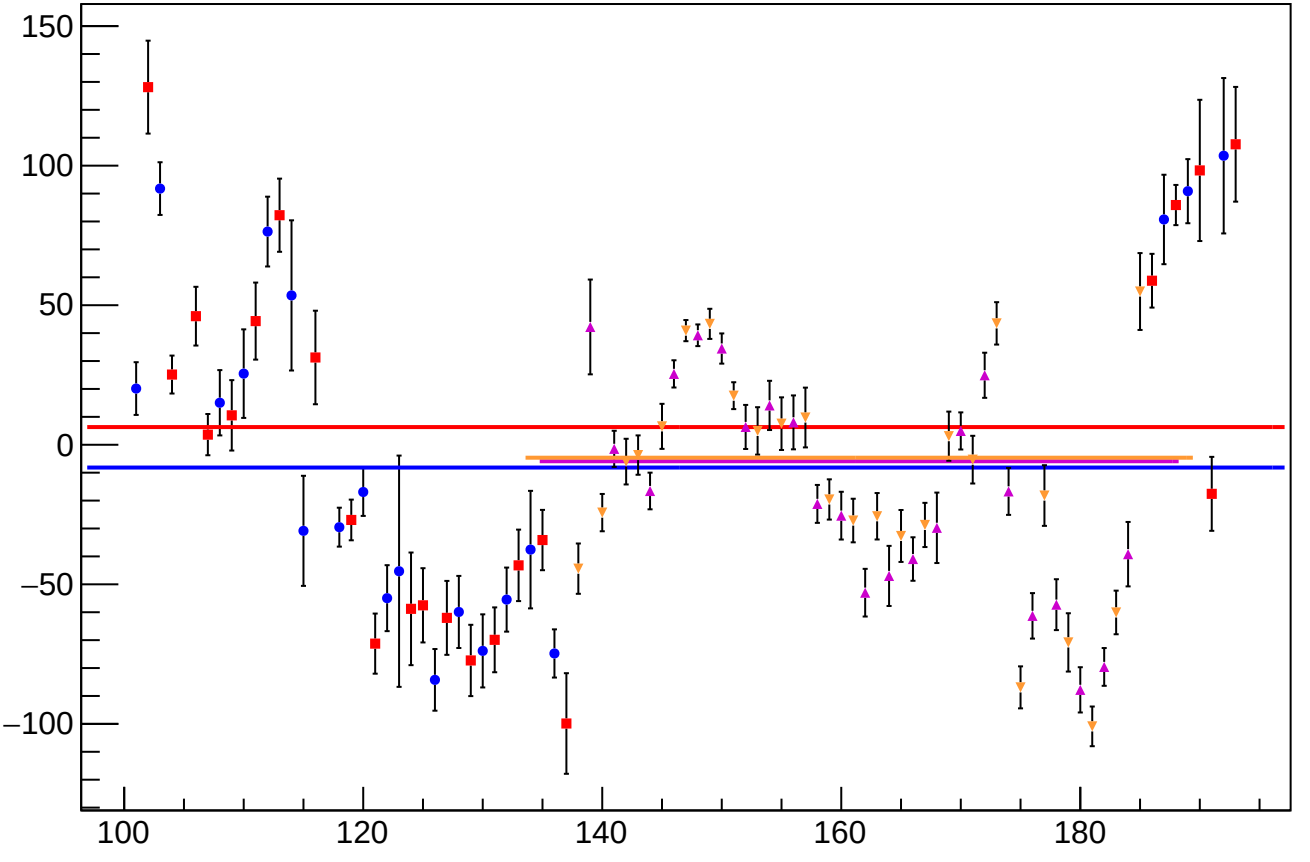
Right: -596.722+/-3.415 χ^2/NDF: 3914.2/7

In: -410.825+/-1.919 χ^2/NDF:3505.6/25

Out: -431.729+/-1.763 χ^2/NDF:8388.0/29

All: -422.158+/-1.298 χ^2/NDF: 11957.9/55

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.161+/-2.653 χ^2/NDF: 497.0/19

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 6.338+/-2.320 χ^2/NDF: 594.0/22

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

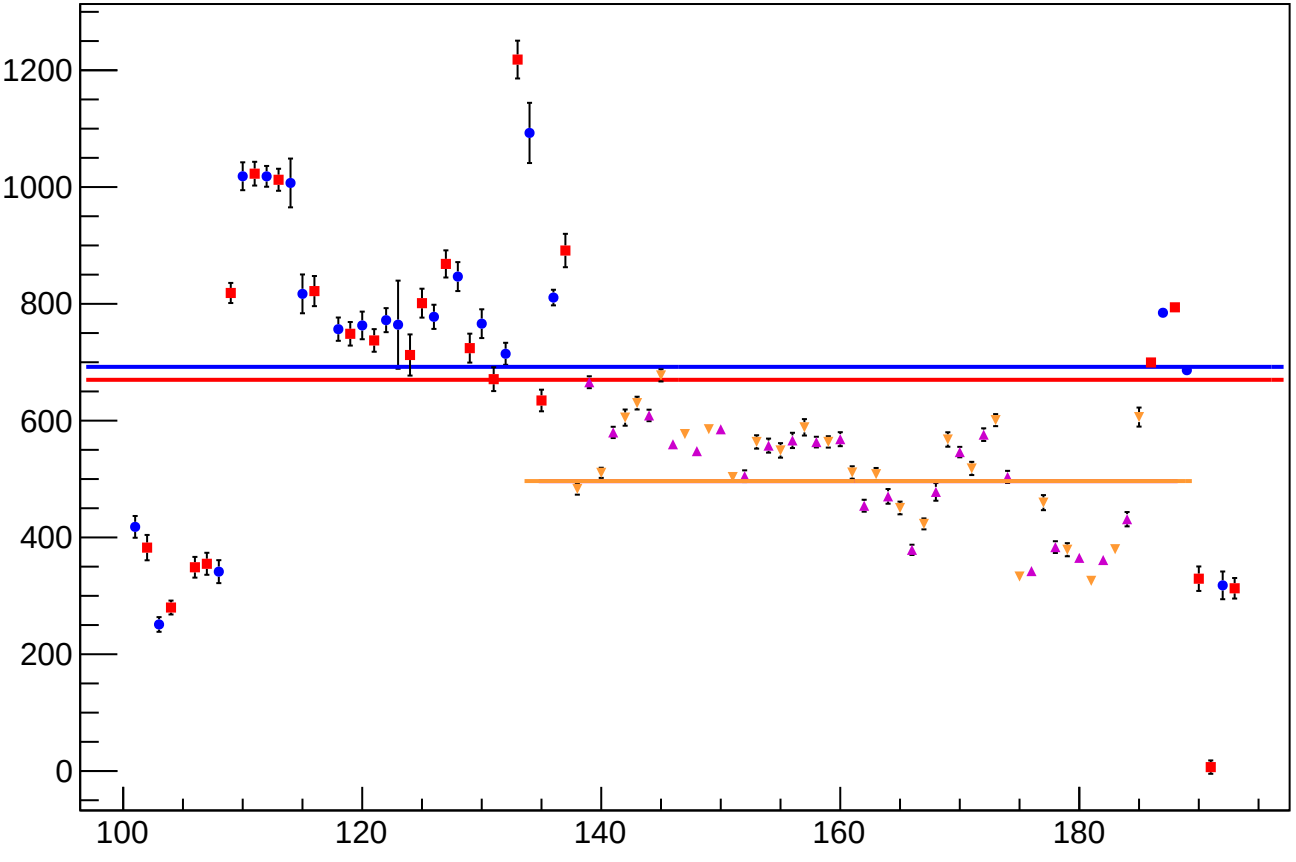
Right: 0.056+/-1.747 χ^2/NDF: 1107.9/42

In: -6.459+/-1.314 χ^2/NDF:1155.1/42

Out: -1.500+/-1.240 χ^2/NDF:1381.4/47

All: -3.836+/-0.902 χ^2/NDF: 2544.0/90

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 692.105+/-3.778 χ^2/NDF: 2973.6/19

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 669.927+/-2.670 χ^2/NDF: 8025.2/22

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

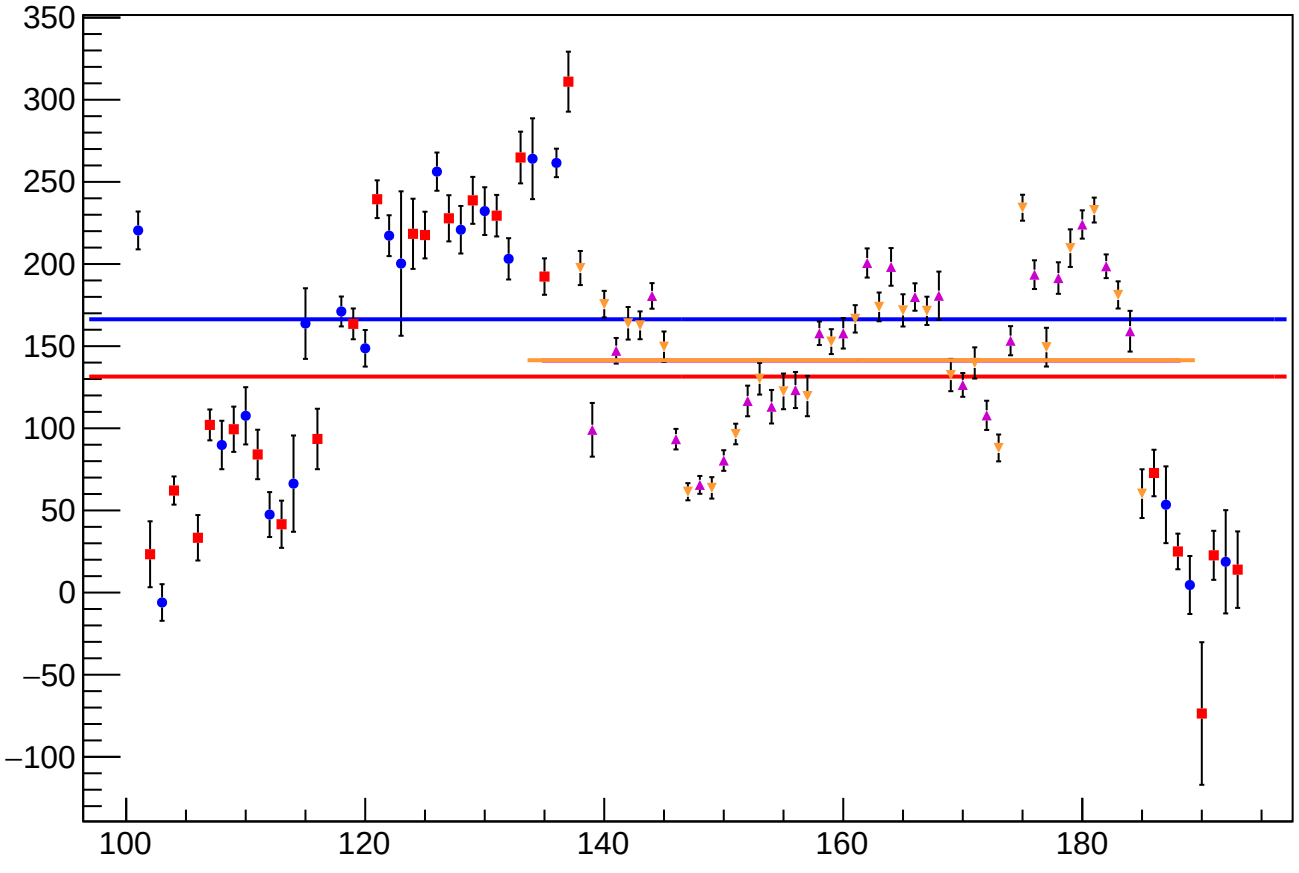
Right: 677.313+/-2.181 χ^2/NDF: 11021.9/42

In: 538.740+/-1.758 χ^2/NDF:7371.8/42

Out: 557.698+/-1.586 χ^2/NDF:13343.9/47

All: 549.190+/-1.177 χ^2/NDF: 20779.8/90

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 166.359+/-3.108 χ^2/NDF: 775.7/19

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 131.491+/-2.796 χ^2/NDF: 943.1/22

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

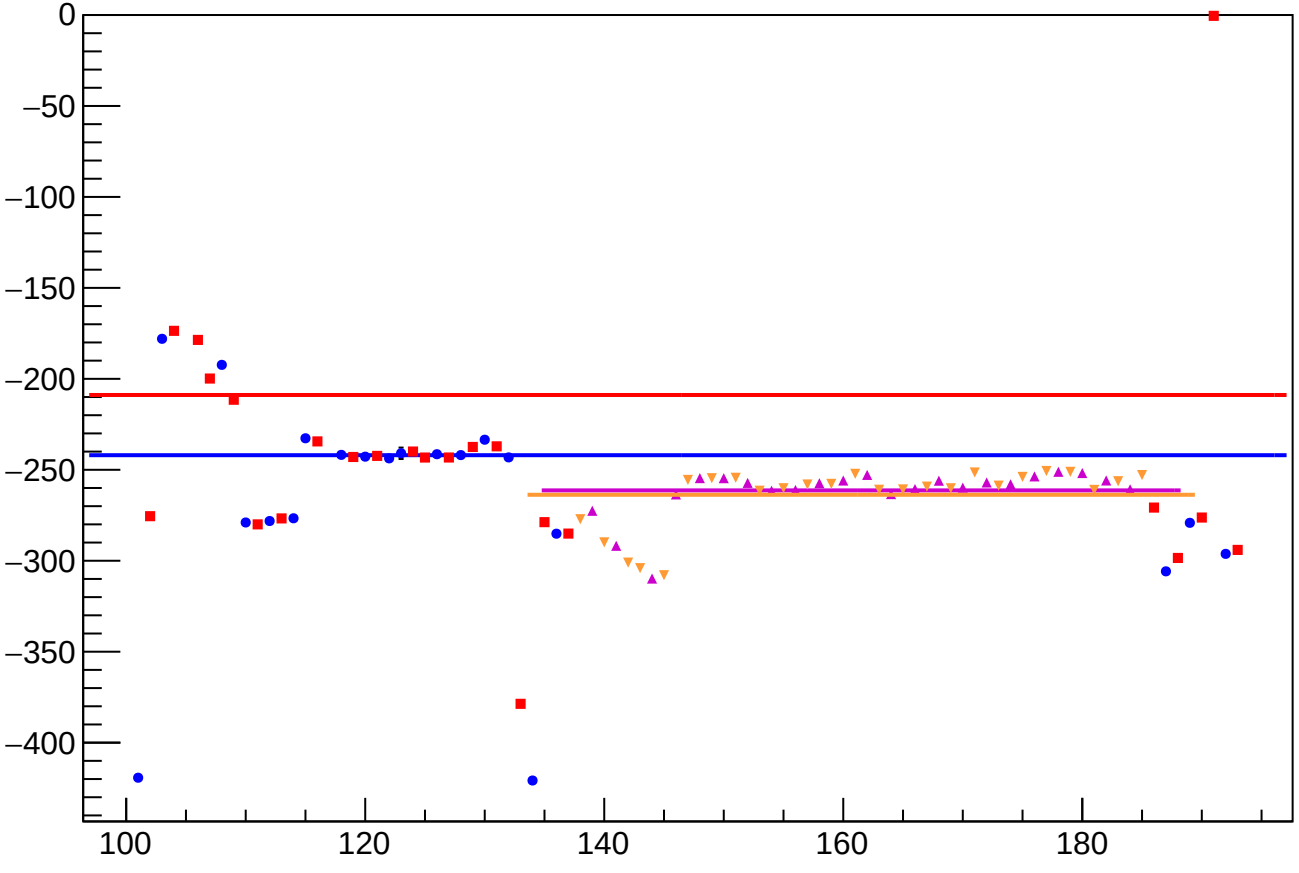
Right: 147.087+/-2.078 χ^2/NDF: 1788.4/42

In: 147.261+/-1.521 χ^2/NDF:1569.6/42

Out: 138.738+/-1.455 χ^2/NDF:1910.0/47

All: 142.811+/-1.051 χ^2/NDF: 3496.0/90

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -241.976+/-0.154 χ^2/NDF: 174997.8/19

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -208.878+/-0.134 χ^2/NDF: 411813.8/22

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

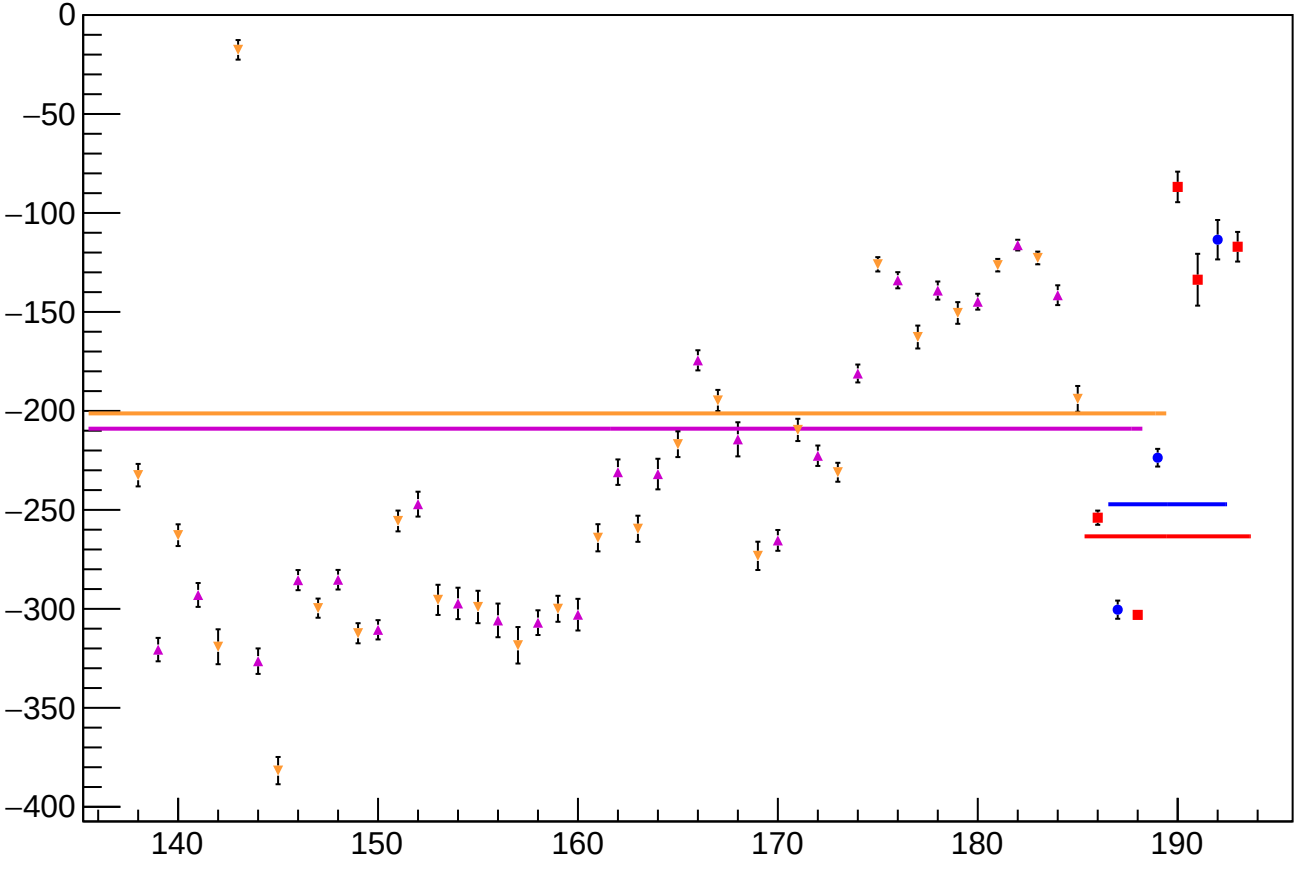
Right: -223.114+/-0.101 χ^2/NDF: 613123.3/42

In: -257.081+/-0.072 χ^2/NDF:210766.1/42

Out: -248.901+/-0.070 χ^2/NDF:572336.7/47

All: -252.844+/-0.050 χ^2/NDF: 789763.7/90

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -247.165+/-3.048 χ^2/NDF: 342.3/2

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -263.369+/-1.838 χ^2/NDF: 1290.1/4

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

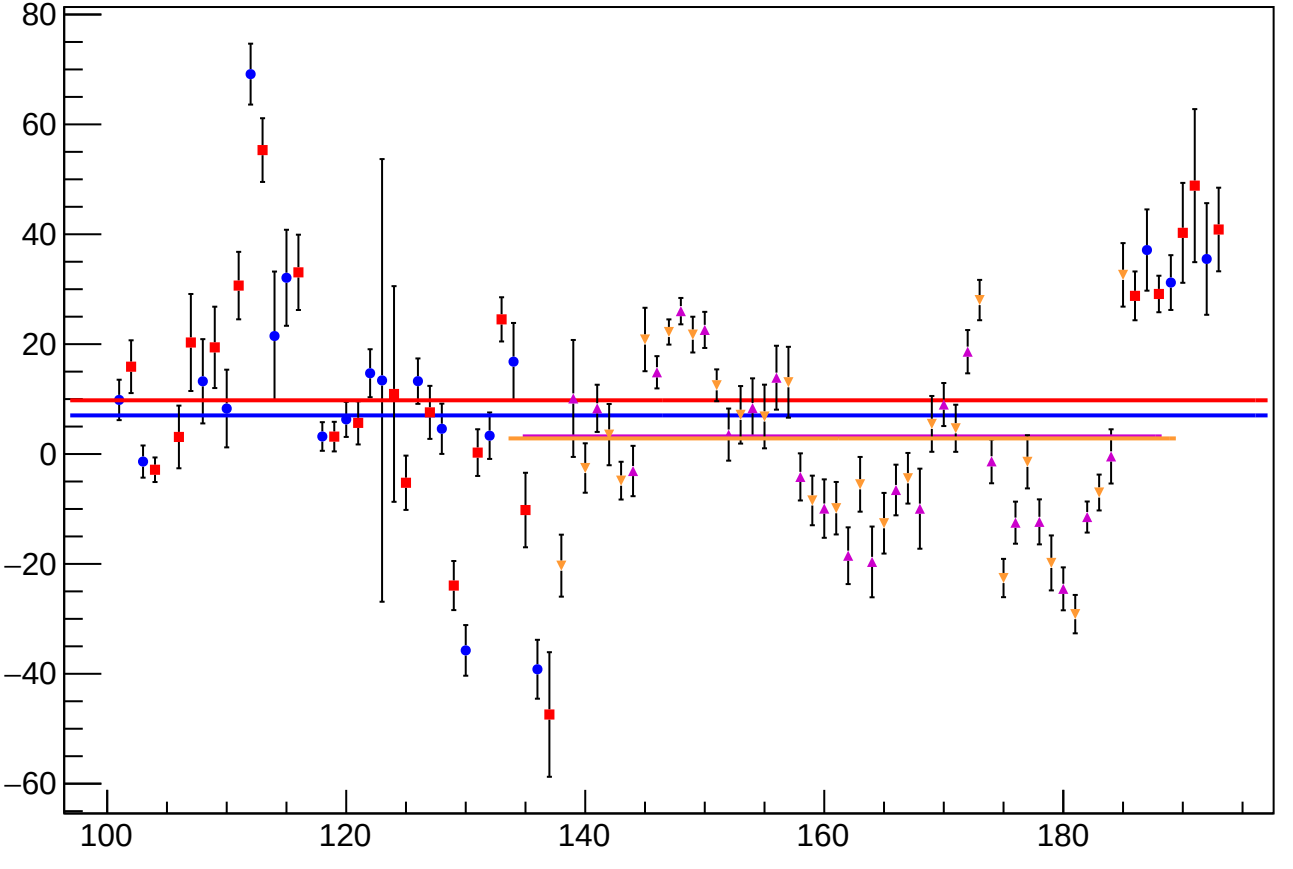
Right: -259.049+/-1.574 χ^2/NDF: 1653.1/7

In: -213.226+/-1.016 χ^2/NDF:5347.0/25

Out: -216.883+/-0.922 χ^2/NDF:8254.8/29

All: -215.233+/-0.683 χ^2/NDF: 13609.0/55

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.030+/-1.048 χ^2/NDF: 363.7/19

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 9.778+/-0.978 χ^2/NDF: 336.9/22

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

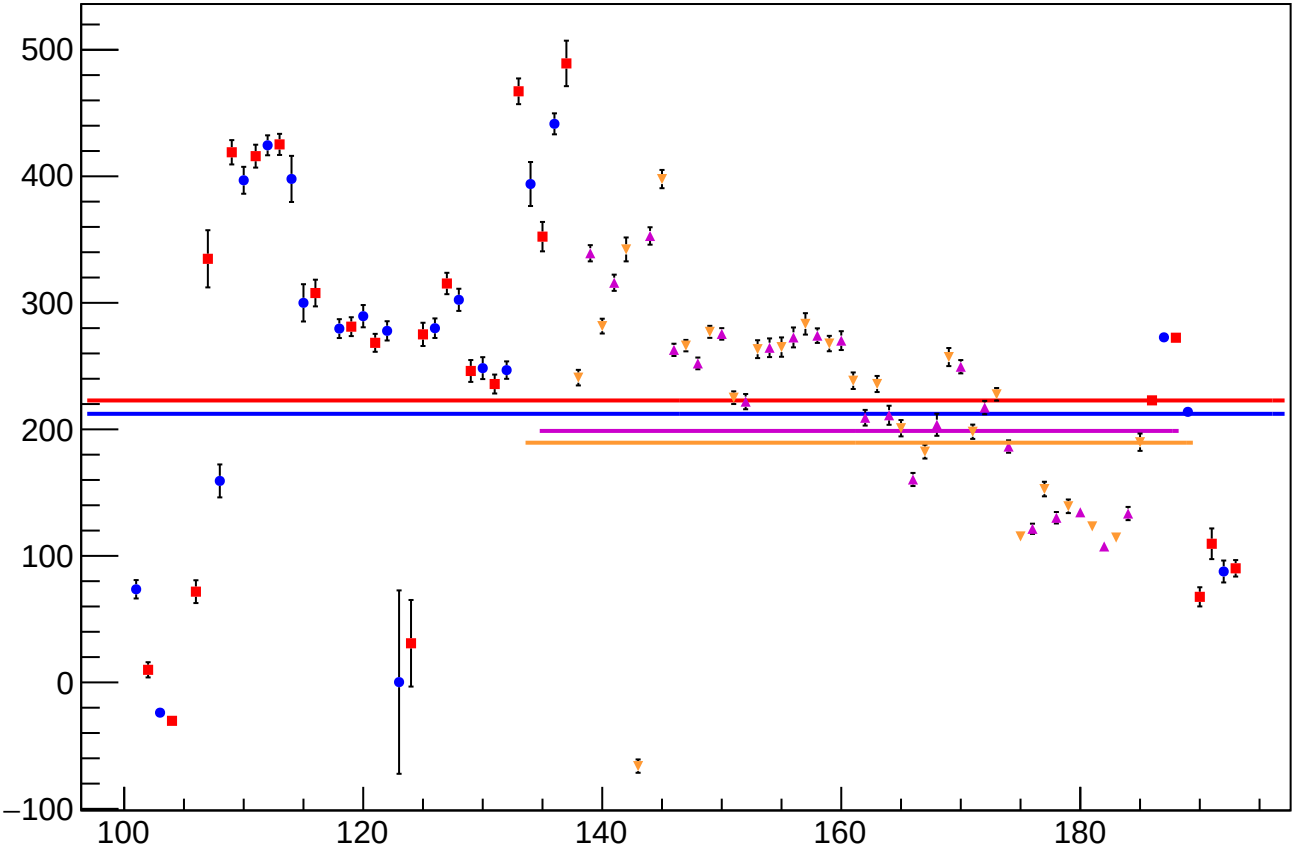
Right: 8.498+/-0.715 χ^2/NDF: 704.3/42

In: 4.735+/-0.662 χ^2/NDF:695.5/42

Out: 5.719+/-0.630 χ^2/NDF:787.0/47

All: 5.251+/-0.456 χ^2/NDF: 1483.7/90

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 212.280+/-1.560 χ^2/NDF: 7246.2/19

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 222.836+/-1.185 χ^2/NDF: 9961.9/22

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

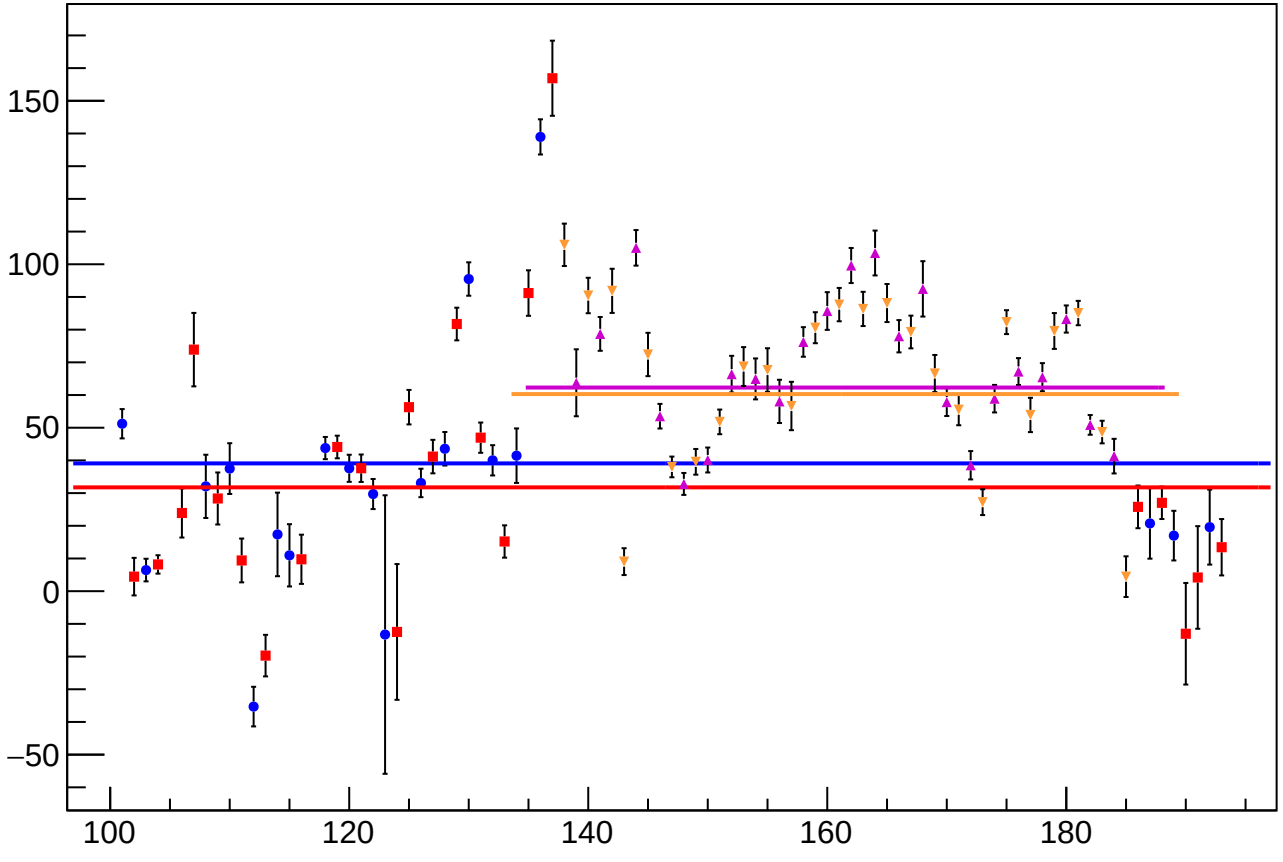
Right: 218.973+/-0.944 χ^2/NDF: 17237.0/42

In: 203.129+/-0.887 χ^2/NDF:11887.0/42

Out: 204.438+/-0.794 χ^2/NDF:17048.7/47

All: 203.856+/-0.592 χ^2/NDF: 28936.9/90

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.088+/-1.235 χ^2/NDF: 750.0/19

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 31.756+/-1.177 χ^2/NDF: 569.1/22

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

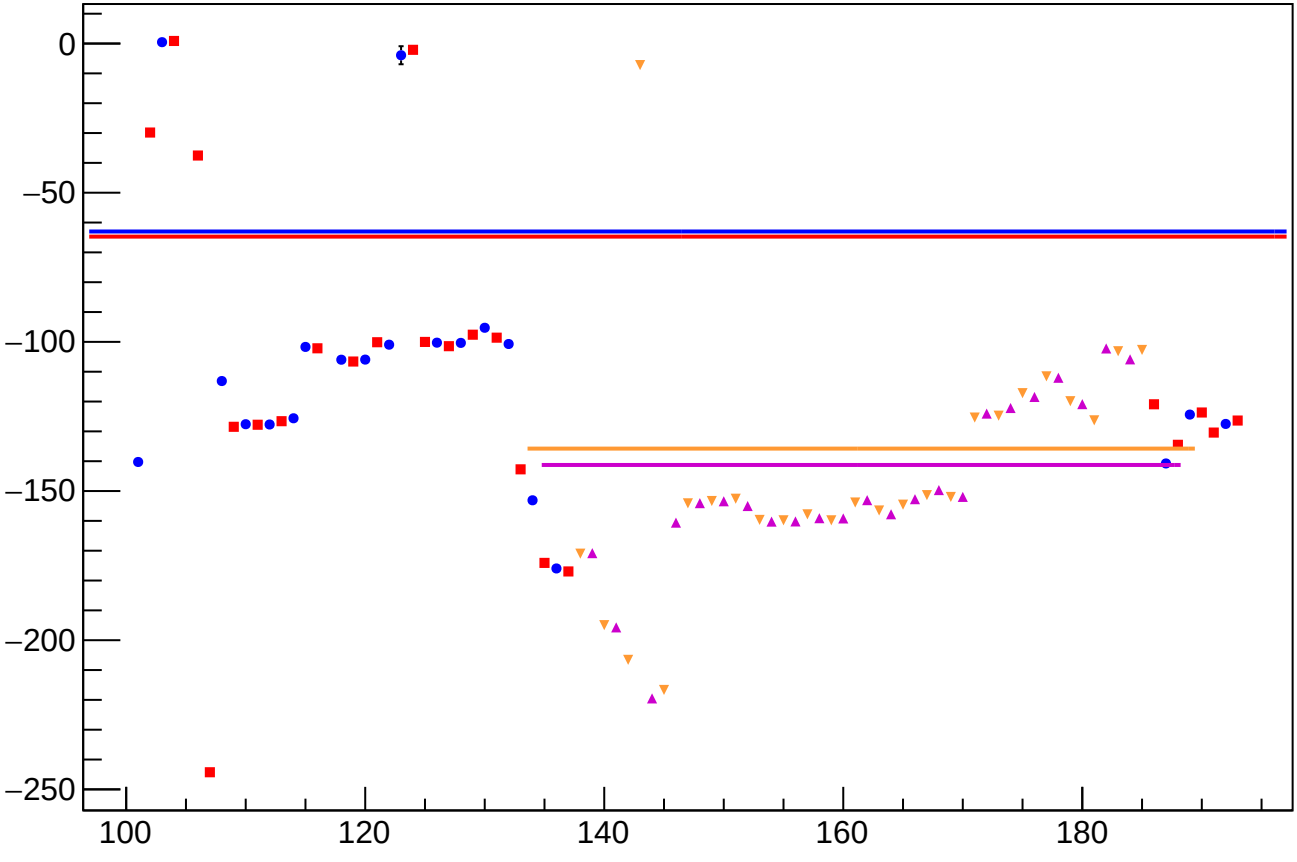
Right: 35.248+/-0.852 χ^2/NDF: 1337.5/42

In: 53.421+/-0.763 χ^2/NDF:1379.8/42

Out: 49.108+/-0.737 χ^2/NDF:1641.0/47

All: 51.189+/-0.530 χ^2/NDF: 3037.3/90

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -63.000+/-0.059 χ^2/NDF: 1195107.8/19

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -64.716+/-0.056 χ^2/NDF: 1204734.8/22

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

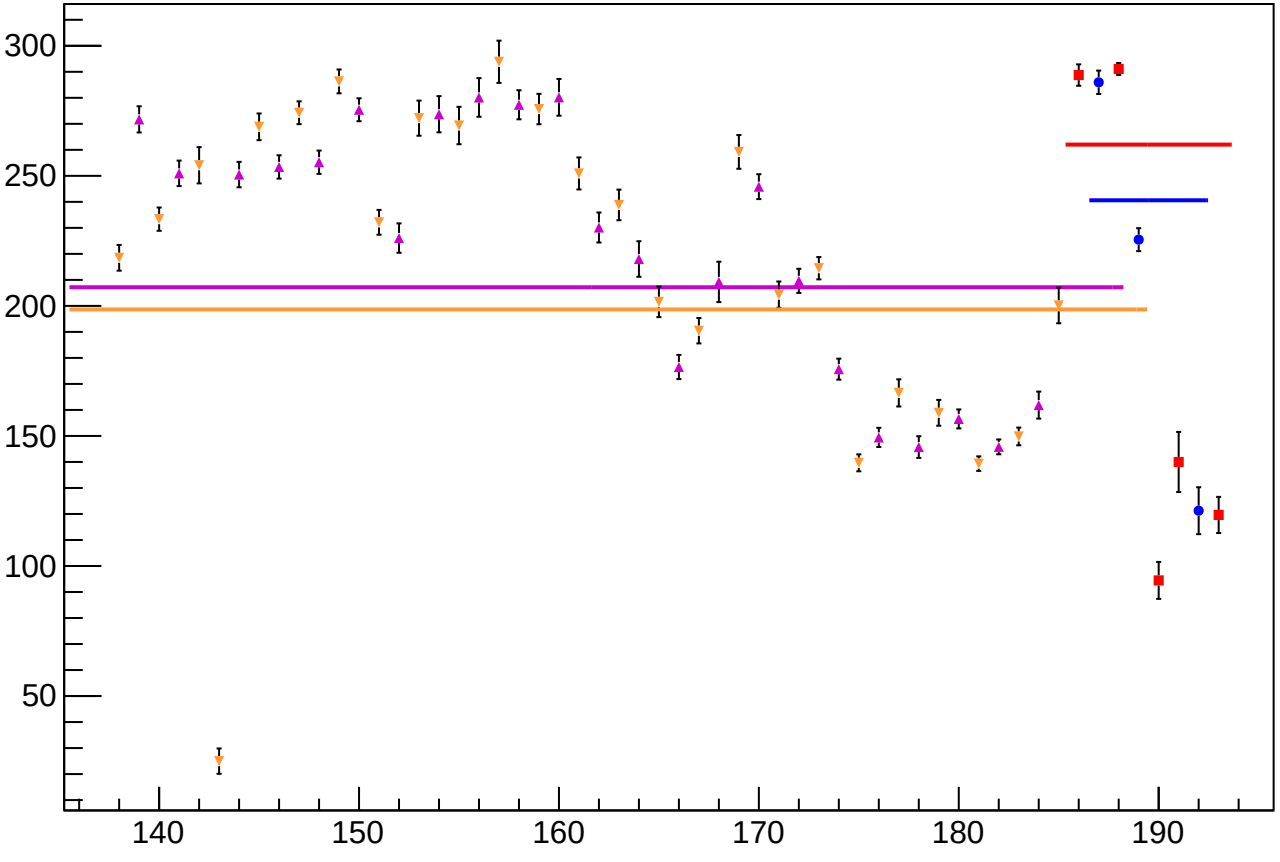
Right: -63.907+/-0.041 χ^2/NDF: 2400283.7/42

In: -112.633+/-0.036 χ^2/NDF:2646234.1/42

Out: -108.194+/-0.035 χ^2/NDF:2928864.9/47

All: -110.352+/-0.025 χ^2/NDF: 5582945.2/90

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 240.604+/-2.976 χ^2/NDF: 288.5/2

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 262.015+/-1.827 χ^2/NDF: 1292.5/4

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

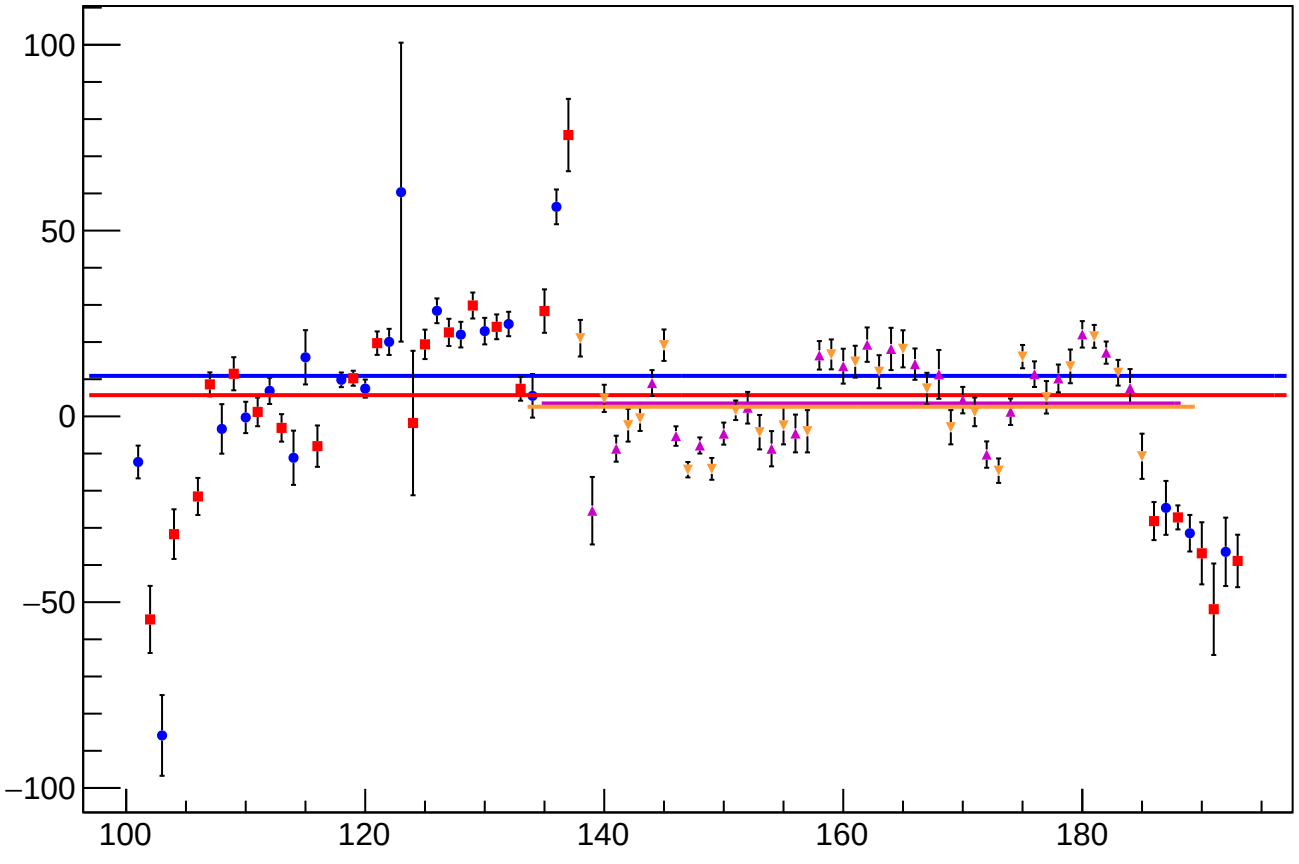
Right: 256.154+/-1.557 χ^2/NDF: 1618.6/7

In: 210.479+/-0.936 χ^2/NDF:3033.8/25

Out: 212.491+/-0.854 χ^2/NDF:6379.7/29

All: 211.577+/-0.631 χ^2/NDF: 9416.0/55

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.900+/-0.893 χ^2/NDF: 427.3/19

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 5.716+/-0.856 χ^2/NDF: 559.7/22

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

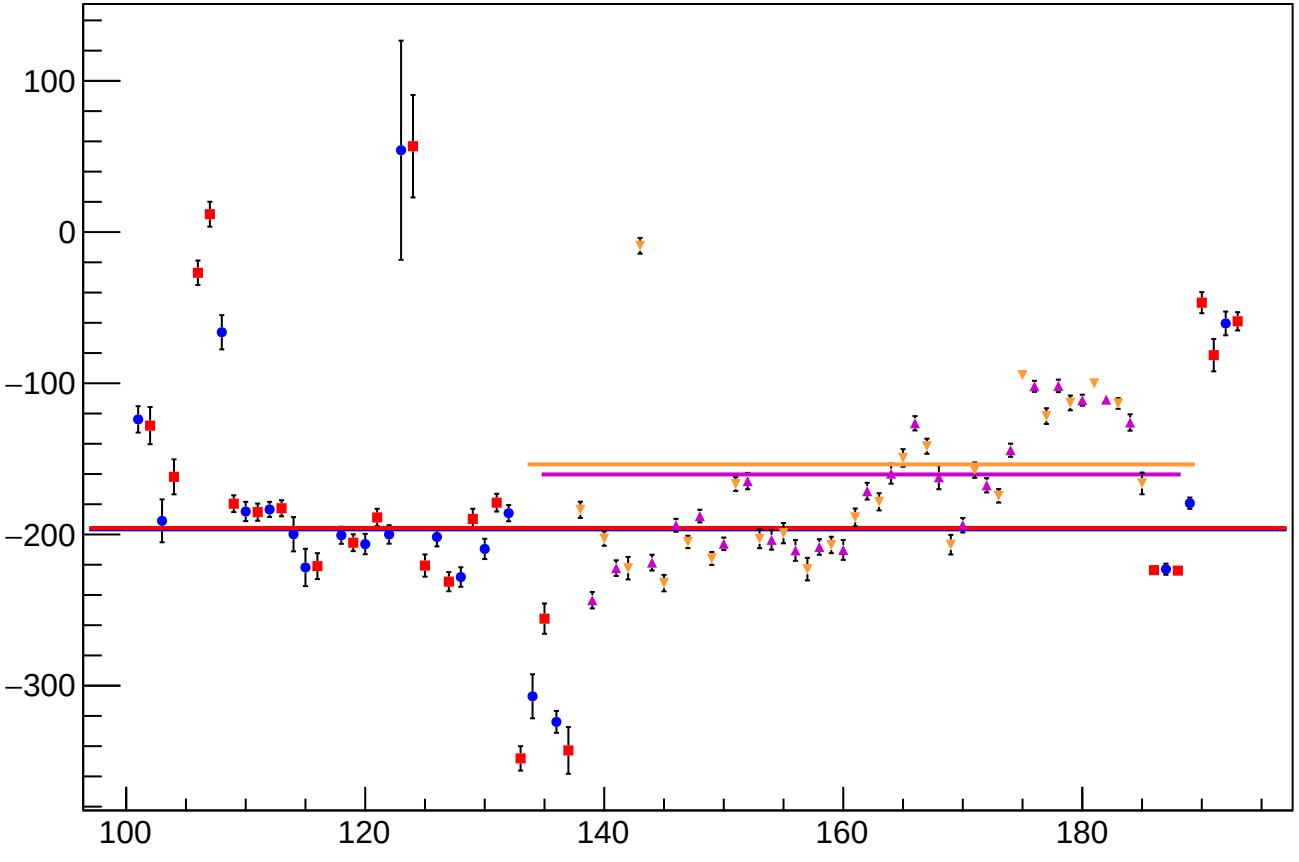
Right: 8.199+/-0.618 χ^2/NDF: 1004.5/42

In: 6.653+/-0.584 χ^2/NDF:661.5/42

Out: 3.938+/-0.562 χ^2/NDF:841.6/47

All: 5.243+/-0.405 χ^2/NDF: 1514.3/90

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -196.603+/-1.449 χ^2/NDF: 1003.8/19

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -195.695+/-1.125 χ^2/NDF: 3117.5/22

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

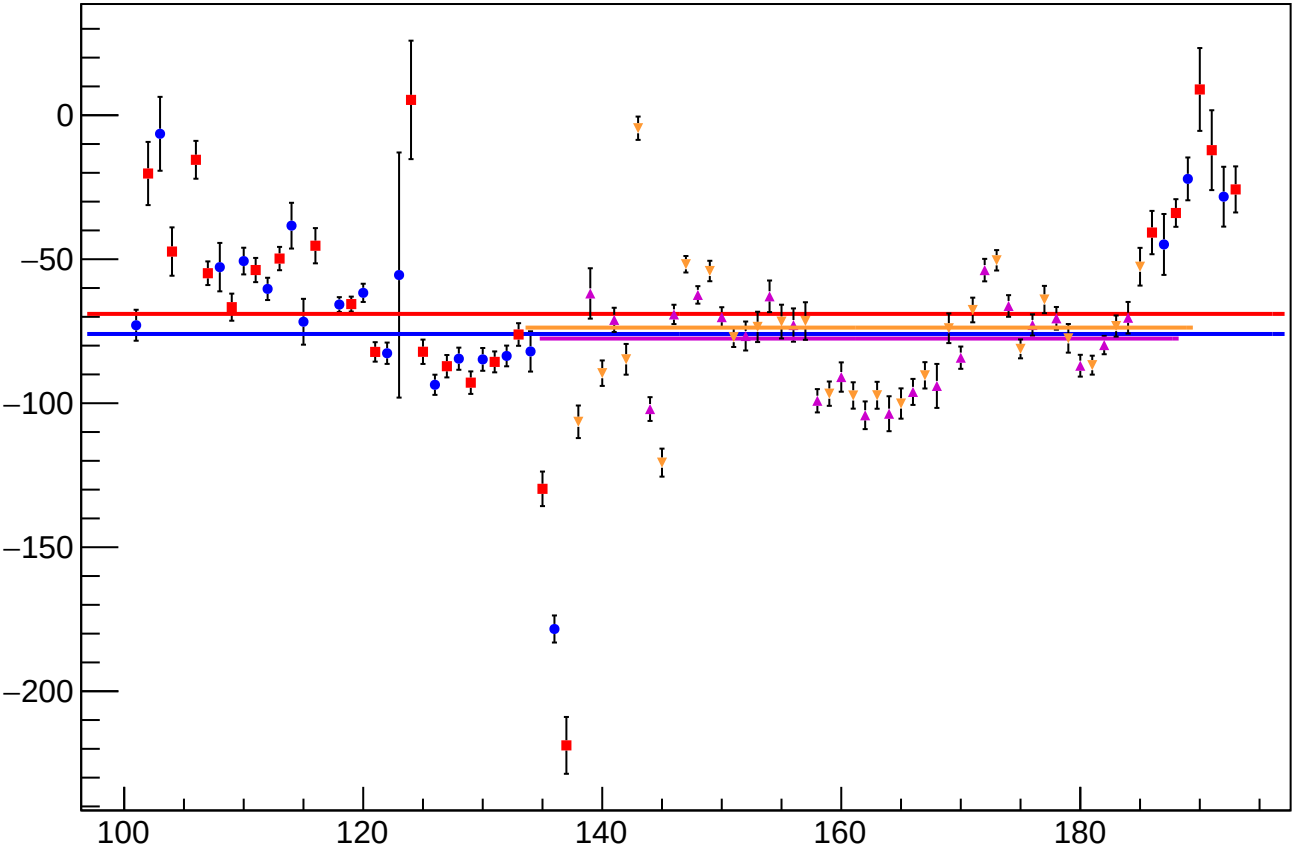
Right: -196.037+/-0.889 χ^2/NDF: 4121.5/42

In: -171.756+/-0.815 χ^2/NDF:3483.0/42

Out: -171.573+/-0.735 χ^2/NDF:6849.6/47

All: -171.655+/-0.546 χ^2/NDF: 10332.6/90

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.954+/-1.044 χ^2/NDF: 743.6/19

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -68.983+/-1.007 χ^2/NDF: 754.4/22

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

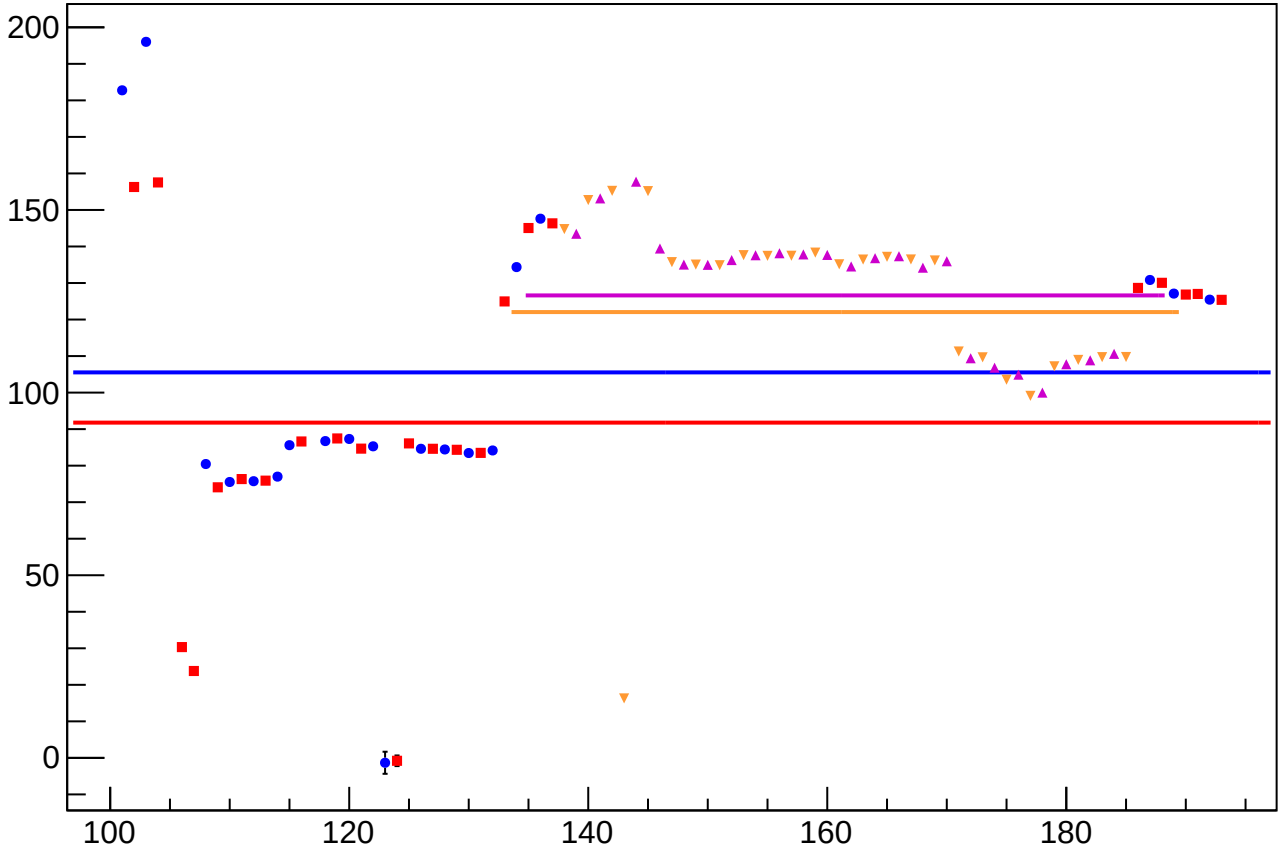
Right: -72.342+/-0.725 χ^2/NDF: 1521.0/42

In: -76.885+/-0.673 χ^2/NDF:997.7/42

Out: -71.750+/-0.652 χ^2/NDF:1495.7/47

All: -74.234+/-0.468 χ^2/NDF: 2523.4/90

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 105.532+/-0.067 χ^2/NDF: 284876.7/19

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 91.782+/-0.058 χ^2/NDF: 487813.9/22

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

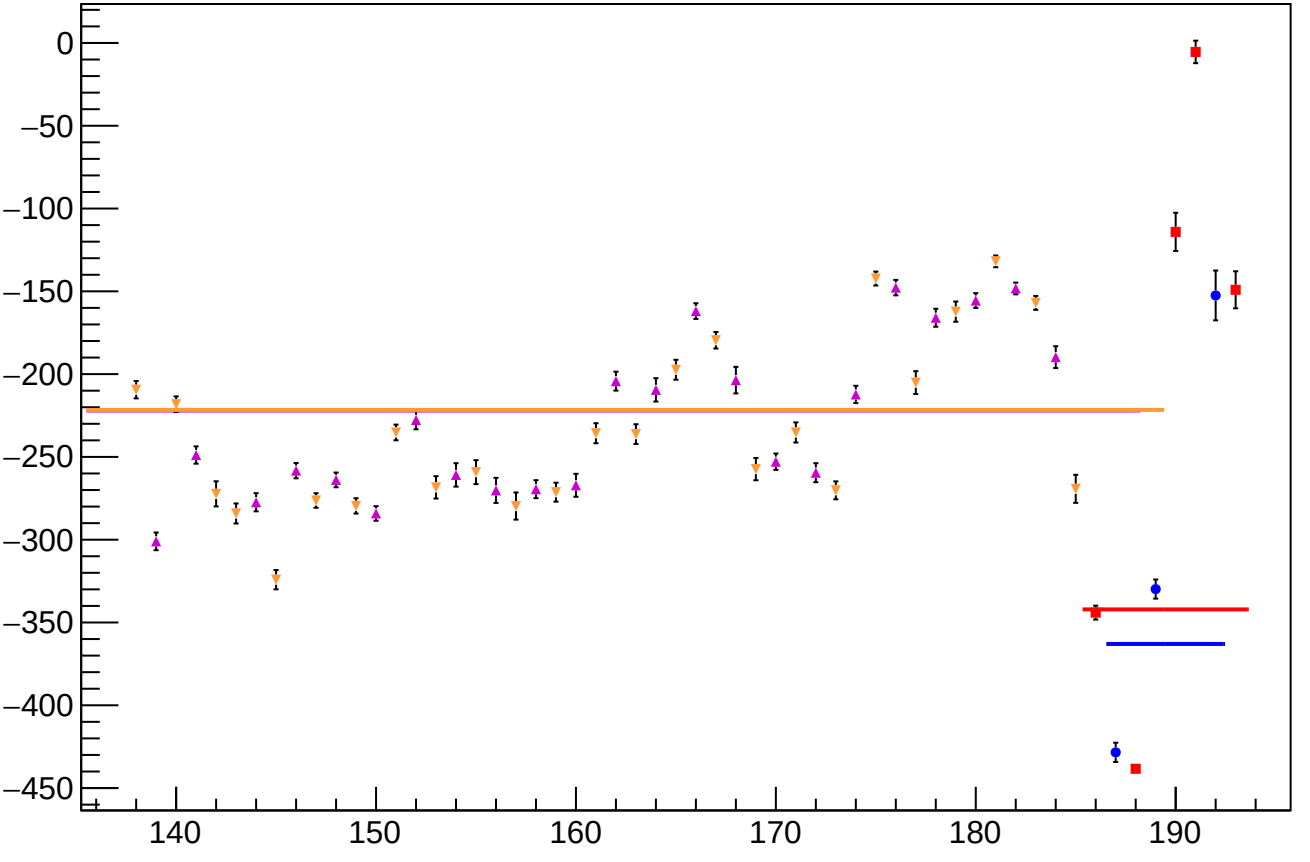
Right: 97.734+/-0.044 χ^2/NDF: 796743.7/42

In: 120.857+/-0.035 χ^2/NDF:522082.0/42

Out: 112.225+/-0.033 χ^2/NDF:1107636.8/47

All: 116.333+/-0.024 χ^2/NDF: 1661833.5/90

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -362.957+/-3.957 χ^2/NDF: 354.7/2

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -342.102+/-2.224 χ^2/NDF: 4146.0/4

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

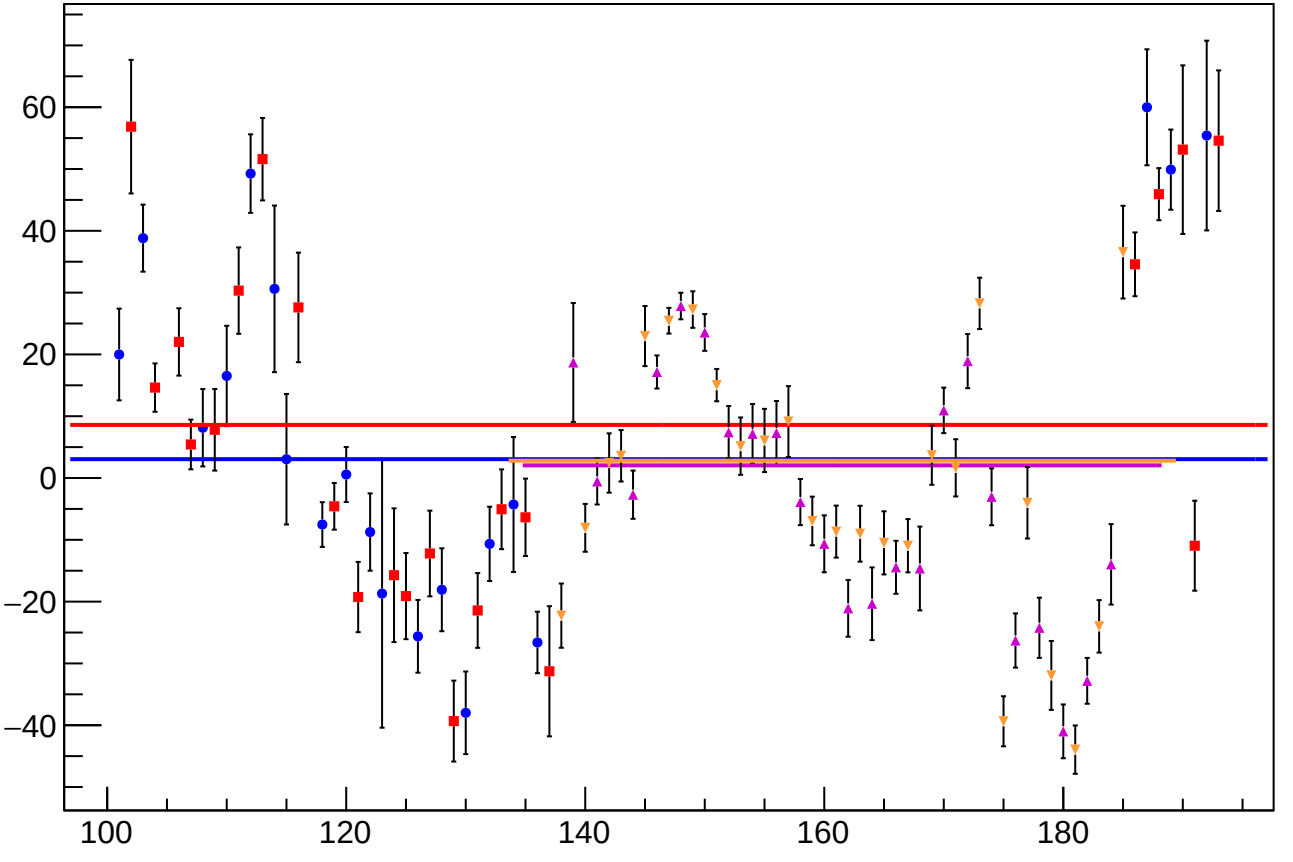
Right: -347.109+/-1.939 χ^2/NDF: 4521.8/7

In: -232.059+/-1.058 χ^2/NDF:3723.7/25

Out: -244.844+/-0.977 χ^2/NDF:9080.4/29

All: -238.962+/-0.718 χ^2/NDF: 12882.9/55

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.049+/-1.449 χ^2/NDF: 335.8/19

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 8.595+/-1.256 χ^2/NDF: 391.6/22

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

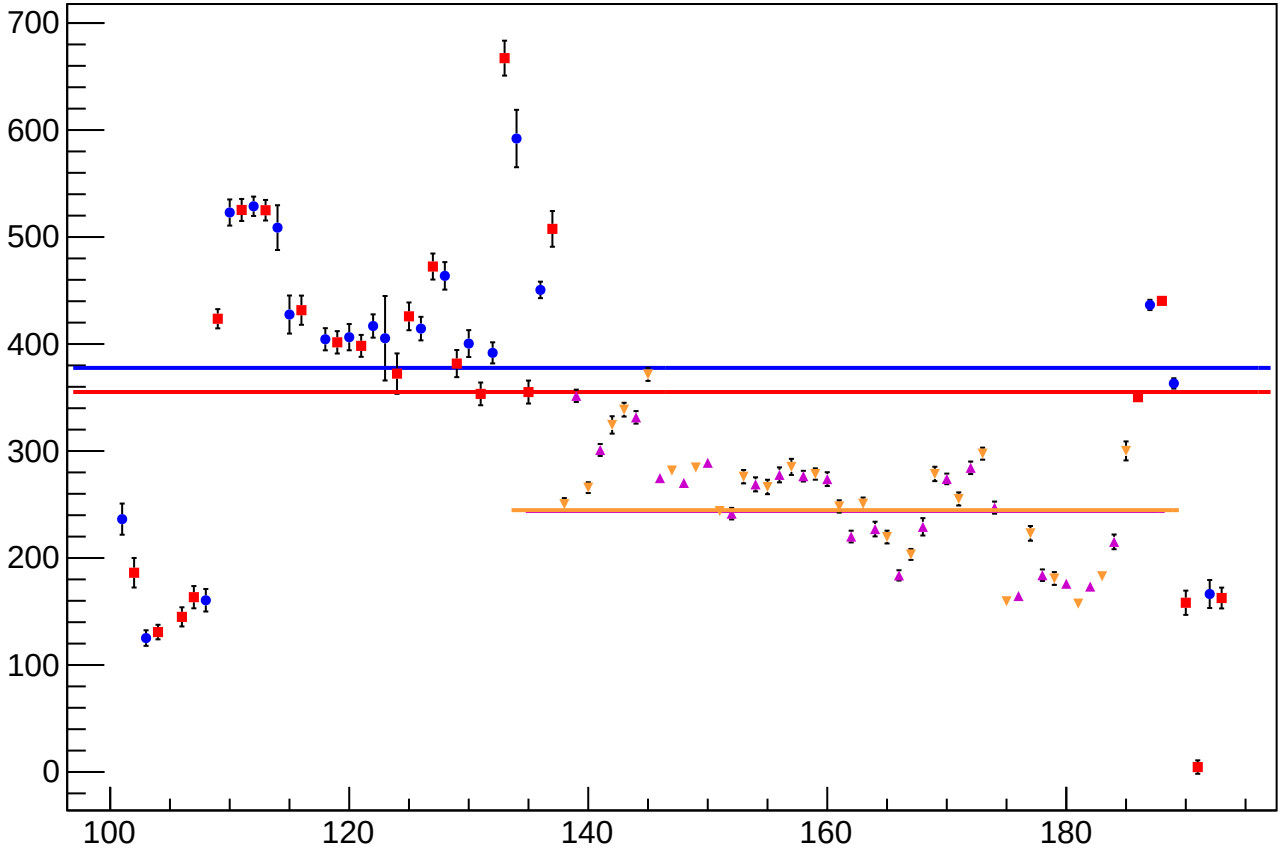
Right: 6.217+/-0.949 χ^2/NDF: 735.7/42

In: 2.298+/-0.722 χ^2/NDF:928.7/42

Out: 4.500+/-0.680 χ^2/NDF:1092.1/47

All: 3.465+/-0.495 χ^2/NDF: 2025.8/90

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 377.685+/-2.116 χ^2/NDF: 2857.3/19

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 355.155+/-1.487 χ^2/NDF: 8436.1/22

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

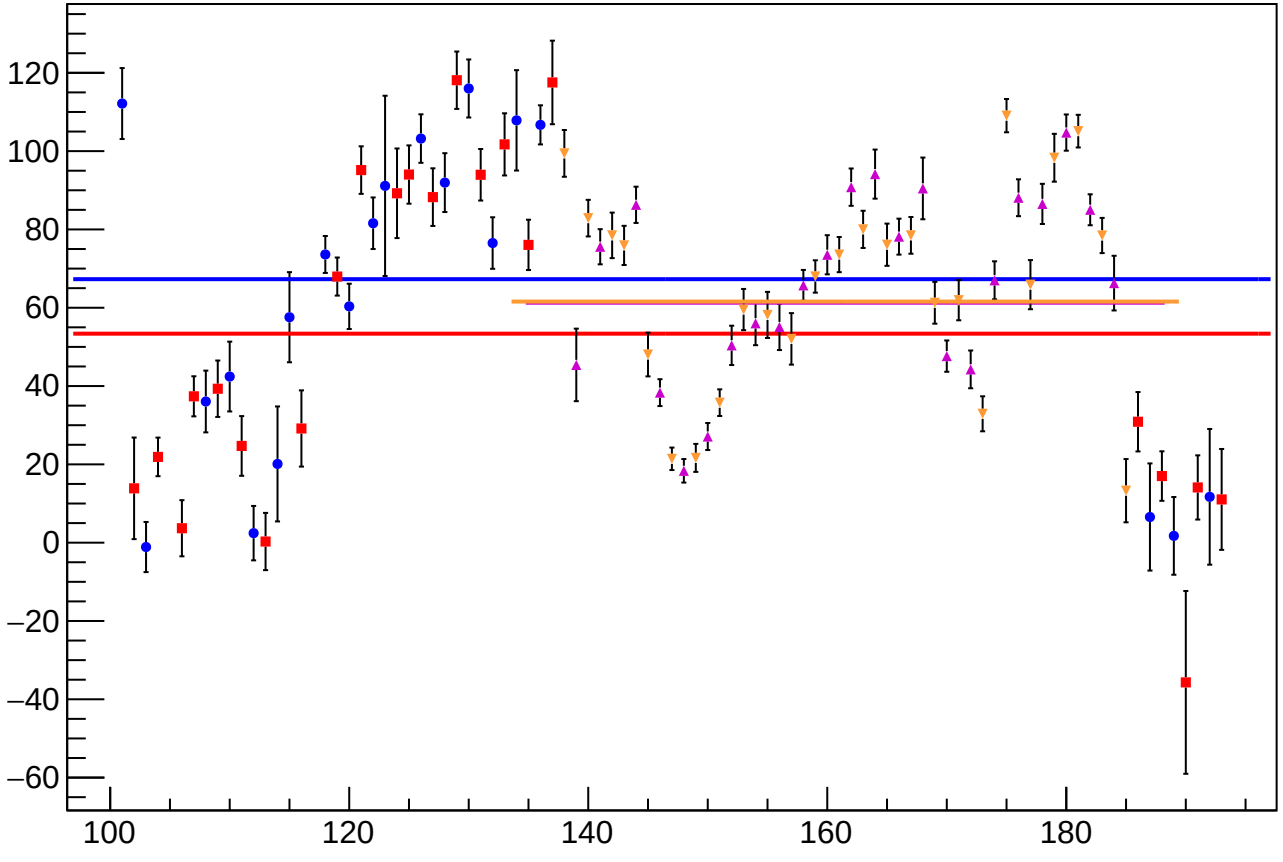
Right: 362.604+/-1.216 χ^2/NDF: 11369.3/42

In: 271.994+/-0.969 χ^2/NDF:8310.7/42

Out: 283.070+/-0.876 χ^2/NDF:14603.0/47

All: 278.088+/-0.650 χ^2/NDF: 22985.6/90

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 67.297+/-1.695 χ^2/NDF: 504.8/19

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 53.380+/-1.508 χ^2/NDF: 595.1/22

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

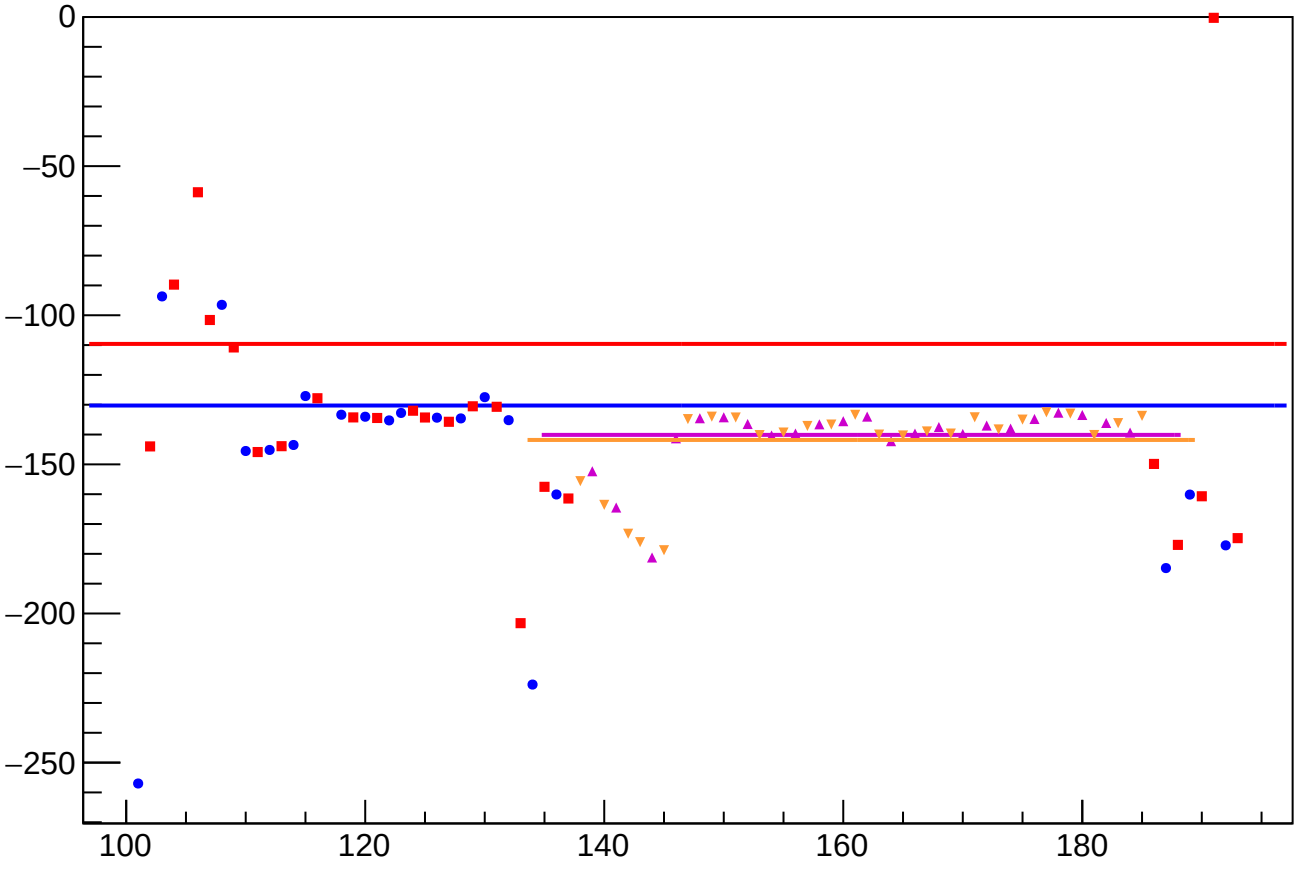
Right: 59.529+/-1.127 χ^2/NDF: 1137.5/42

In: 62.743+/-0.835 χ^2/NDF:1217.1/42

Out: 59.286+/-0.797 χ^2/NDF:1486.7/47

All: 60.935+/-0.576 χ^2/NDF: 2712.8/90

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -130.270+/-0.086 χ^2/NDF: 185041.5/19

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -109.610+/-0.073 χ^2/NDF: 480414.9/22

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

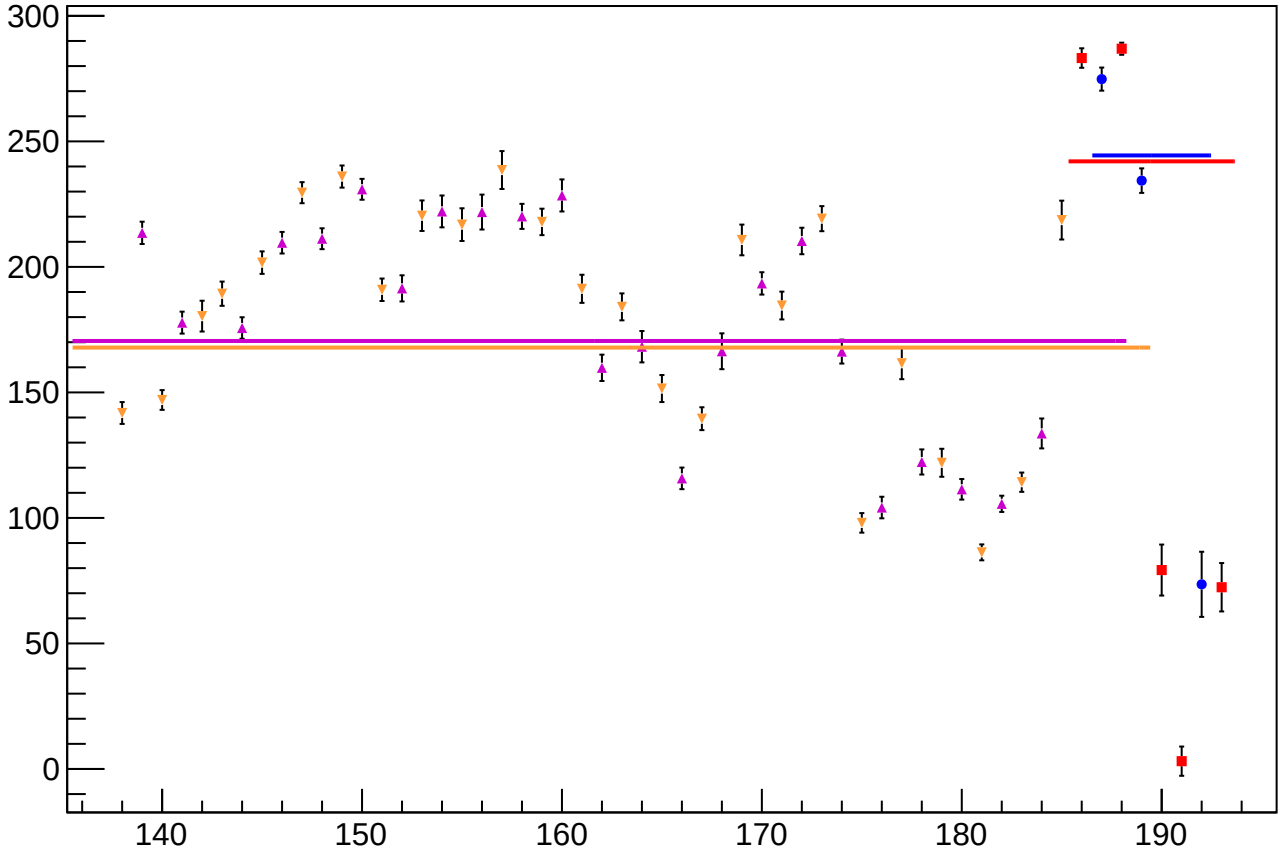
Right: -118.314+/-0.056 χ^2/NDF: 698801.5/42

In: -138.012+/-0.040 χ^2/NDF:243727.7/42

Out: -133.075+/-0.038 χ^2/NDF:698254.1/47

All: -135.448+/-0.028 χ^2/NDF: 949988.4/90

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 244.404+/-3.244 χ^2/NDF: 221.3/2

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 242.043+/-1.863 χ^2/NDF: 2708.2/4

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

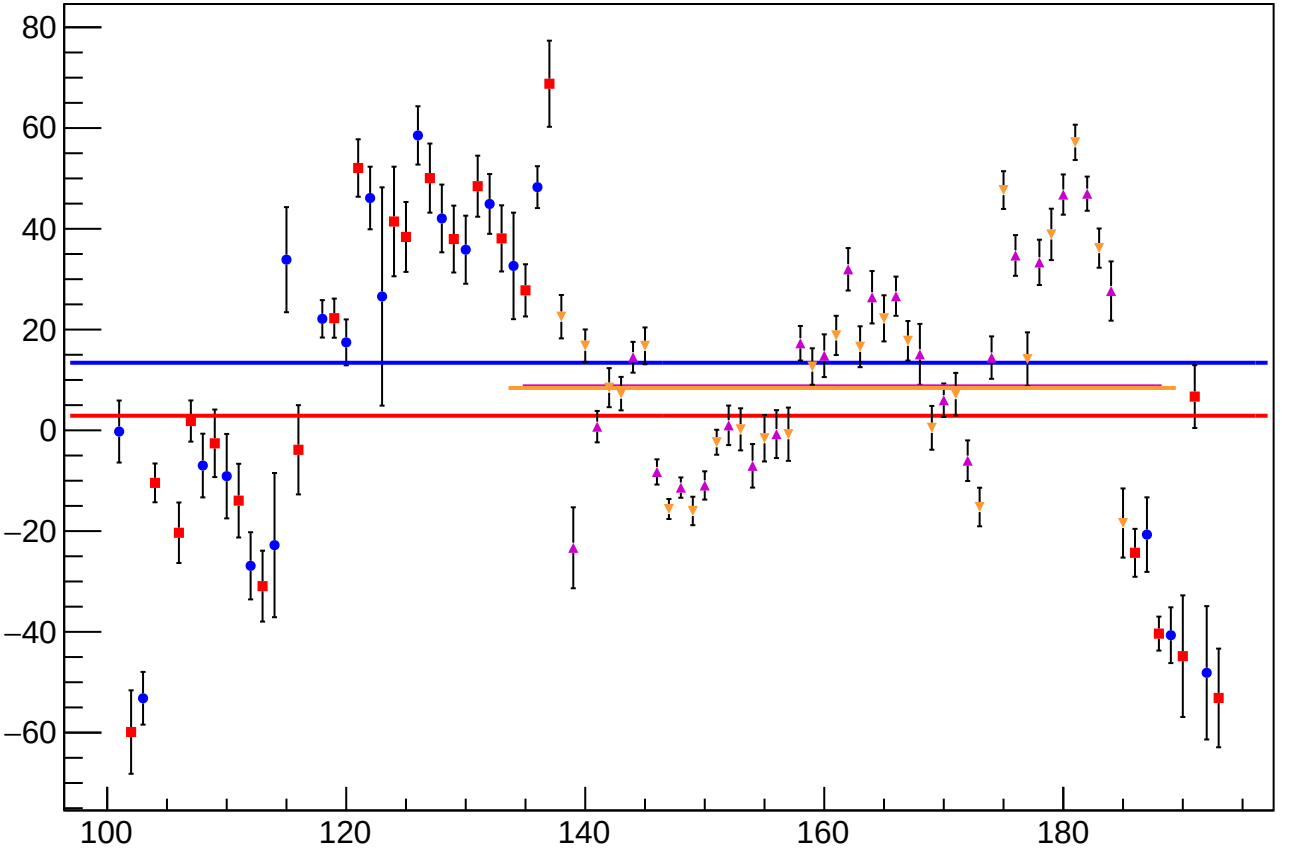
Right: 242.628+/-1.615 χ^2/NDF: 2930.0/7

In: 176.798+/-0.948 χ^2/NDF:2732.6/25

Out: 183.782+/-0.863 χ^2/NDF:6419.4/29

All: 180.618+/-0.638 χ^2/NDF: 9181.7/55

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.415+/-1.396 χ^2/NDF: 595.9/19

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 2.897+/-1.203 χ^2/NDF: 741.3/22

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

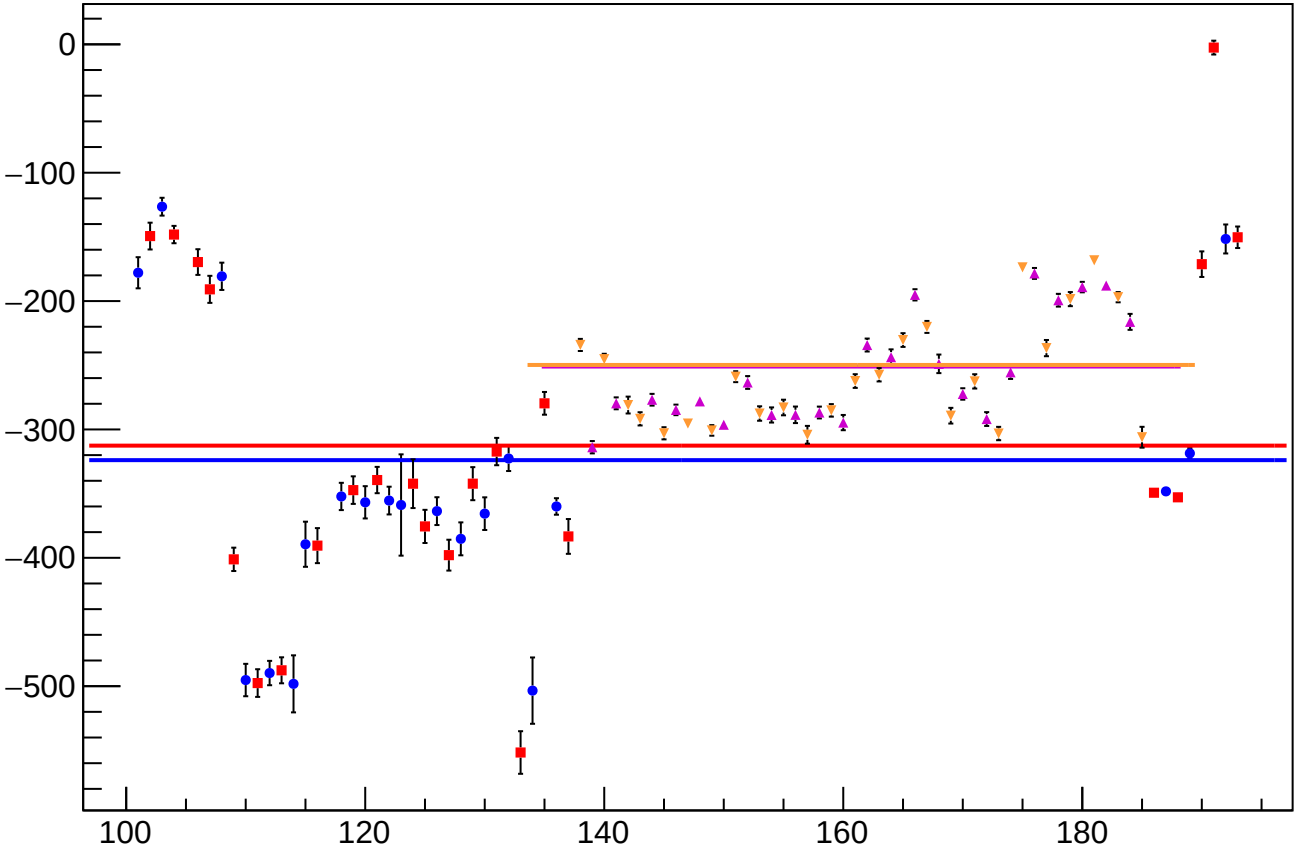
Right: 7.382+/-0.911 χ^2/NDF: 1369.8/42

In: 9.794+/-0.665 χ^2/NDF:1234.7/42

Out: 6.928+/-0.625 χ^2/NDF:1507.2/47

All: 8.271+/-0.455 χ^2/NDF: 2751.8/90

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.917+/-1.893 χ^2/NDF: 2126.9/19

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -312.610+/-1.306 χ^2/NDF: 6699.7/22

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

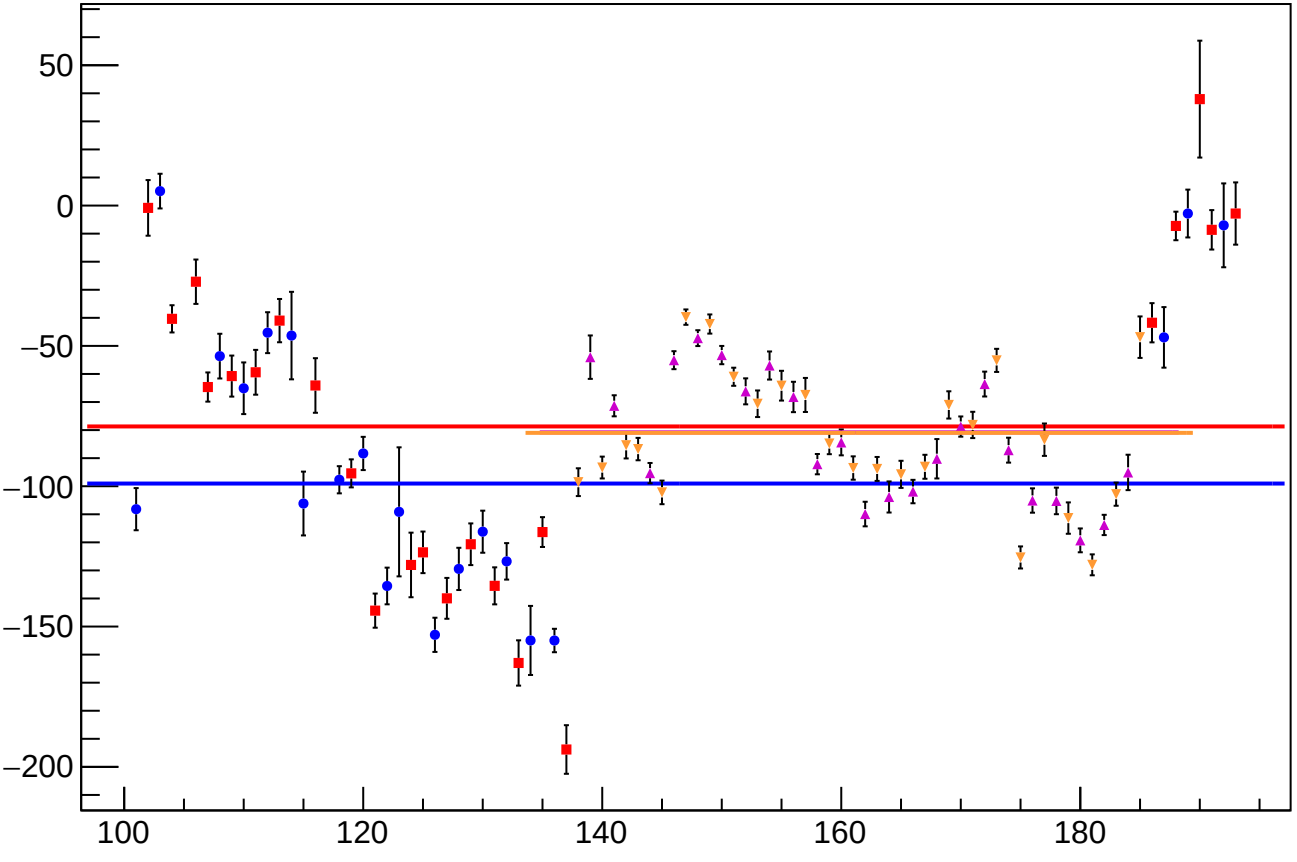
Right: -316.254+/-1.075 χ^2/NDF: 8850.7/42

In: -266.577+/-0.875 χ^2/NDF:5251.6/42

Out: -272.261+/-0.781 χ^2/NDF:10419.4/47

All: -269.740+/-0.583 χ^2/NDF: 15694.5/90

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -99.046+/-1.632 χ^2/NDF: 939.8/19

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -78.700+/-1.452 χ^2/NDF: 1310.4/22

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

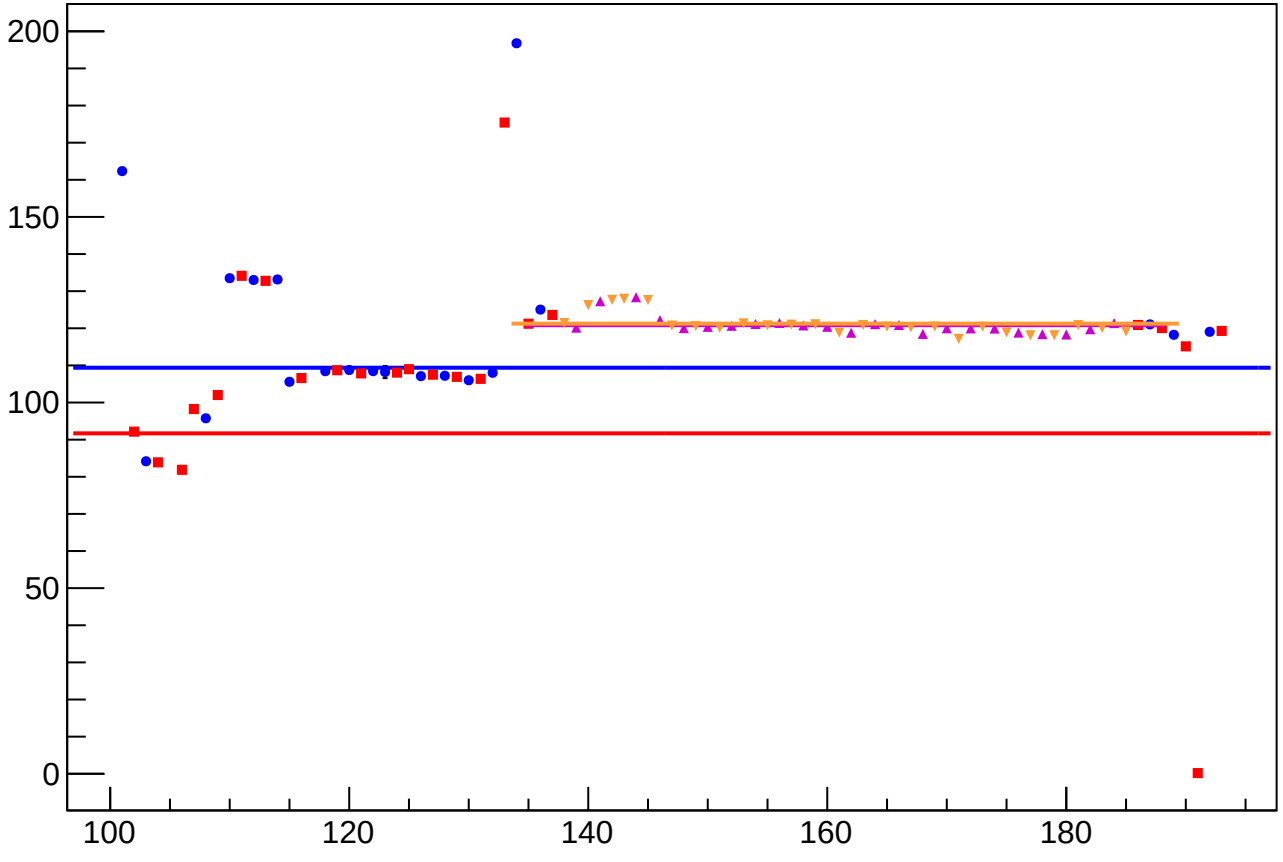
Right: -87.691+/-1.085 χ^2/NDF: 2337.0/42

In: -84.839+/-0.767 χ^2/NDF:1732.6/42

Out: -80.403+/-0.731 χ^2/NDF:2223.4/47

All: -82.513+/-0.529 χ^2/NDF: 3973.5/90

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 109.379+/-0.081 χ^2/NDF: 74676.6/19

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 91.697+/-0.069 χ^2/NDF: 319385.3/22

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

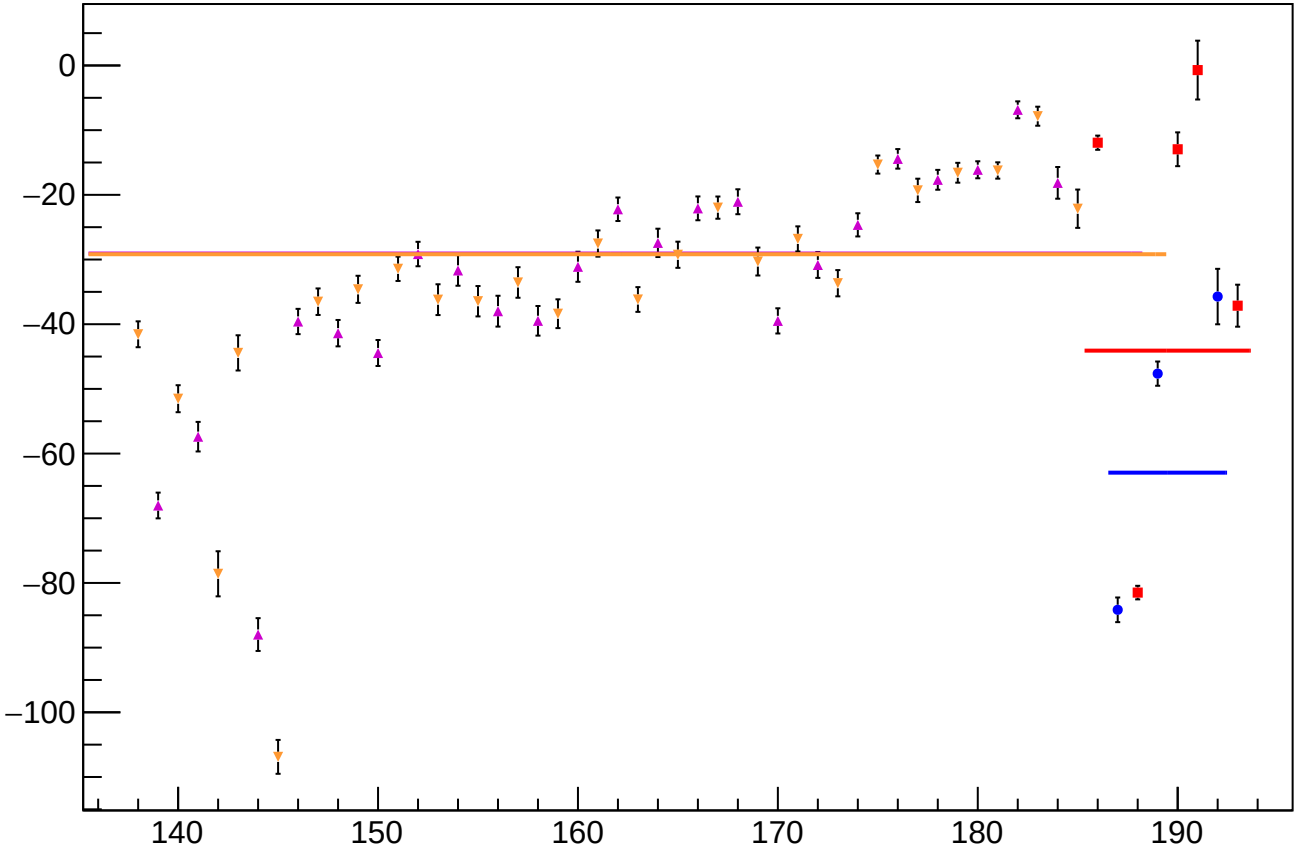
Right: 99.085+/-0.052 χ^2/NDF: 421823.1/42

In: 118.541+/-0.036 χ^2/NDF:94054.6/42

Out: 113.688+/-0.035 χ^2/NDF:462313.2/47

All: 116.009+/-0.025 χ^2/NDF: 565725.8/90

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -62.949+/-1.276 χ^2/NDF: 230.8/2

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -44.085+/-0.702 χ^2/NDF: 2365.4/4

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

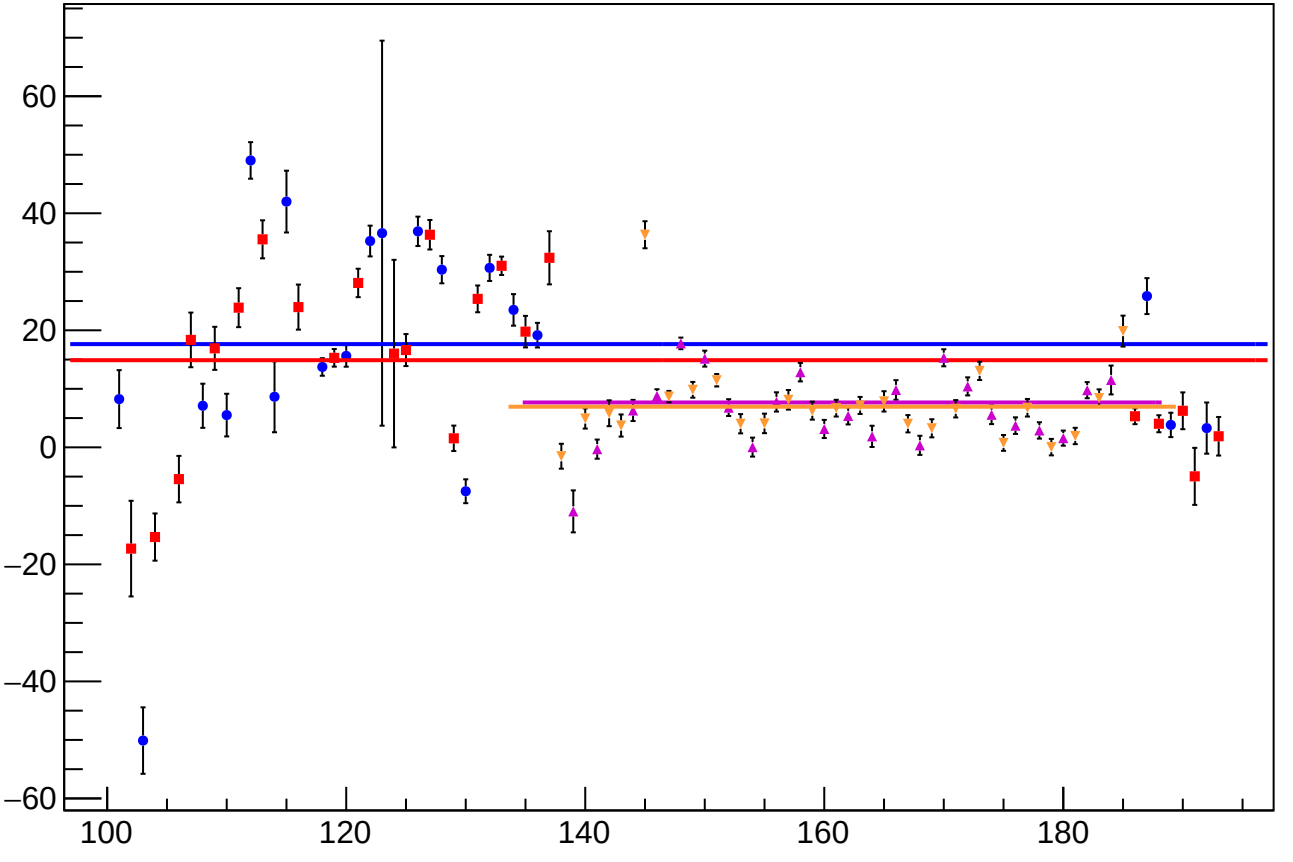
Right: -48.472+/-0.615 χ^2/NDF: 2764.1/7

In: -32.020+/-0.376 χ^2/NDF:2747.0/25

Out: -32.683+/-0.340 χ^2/NDF:4590.3/29

All: -32.385+/-0.252 χ^2/NDF: 7339.0/55

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.640+/-0.597 χ^2/NDF: 684.6/19

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 14.891+/-0.522 χ^2/NDF: 582.3/22

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

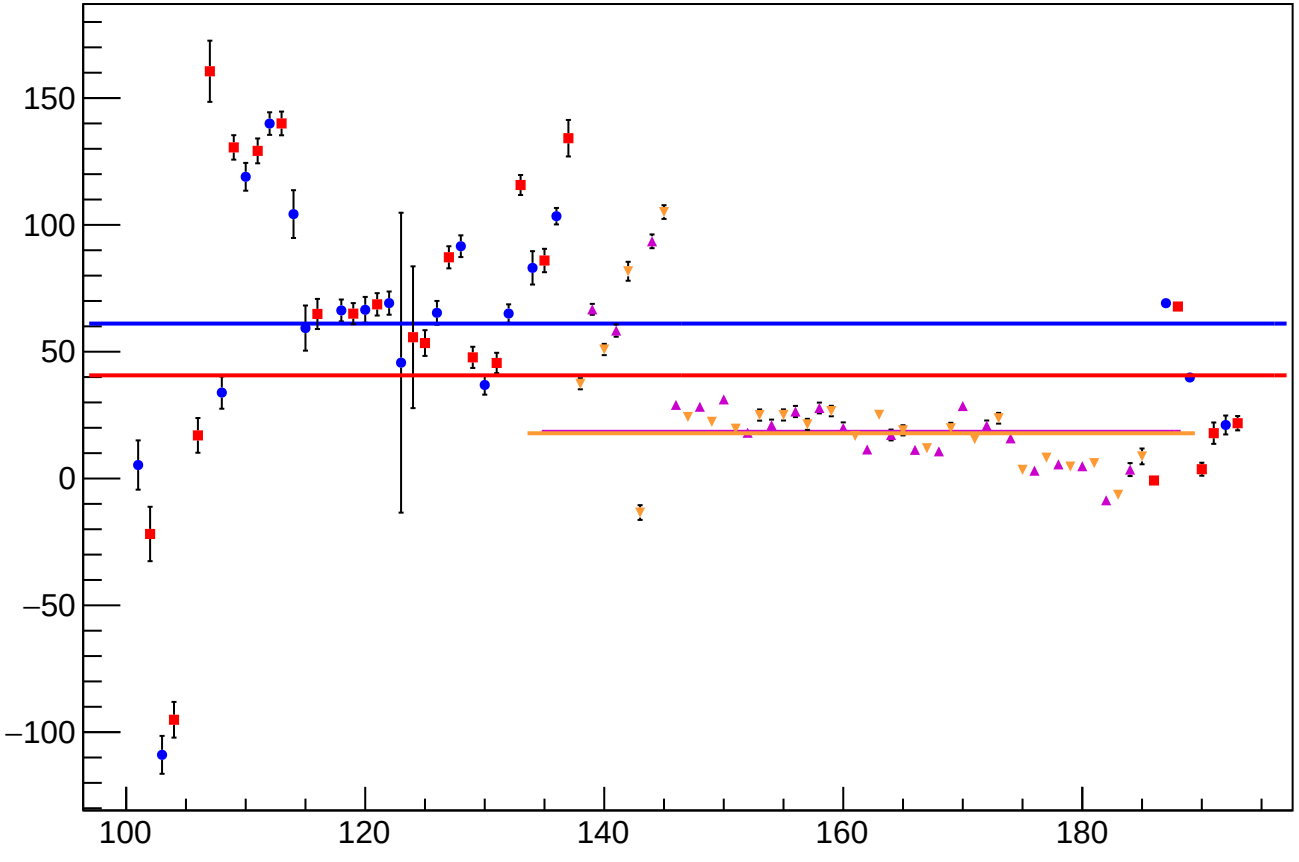
Right: 16.081+/-0.393 χ^2/NDF: 1278.9/42

In: 9.812+/-0.277 χ^2/NDF:1244.5/42

Out: 8.952+/-0.262 χ^2/NDF:1078.2/47

All: 9.359+/-0.191 χ^2/NDF: 2327.8/90

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.087+/-0.807 χ^2/NDF: 1614.1/19

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 40.680+/-0.520 χ^2/NDF: 6029.4/22

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

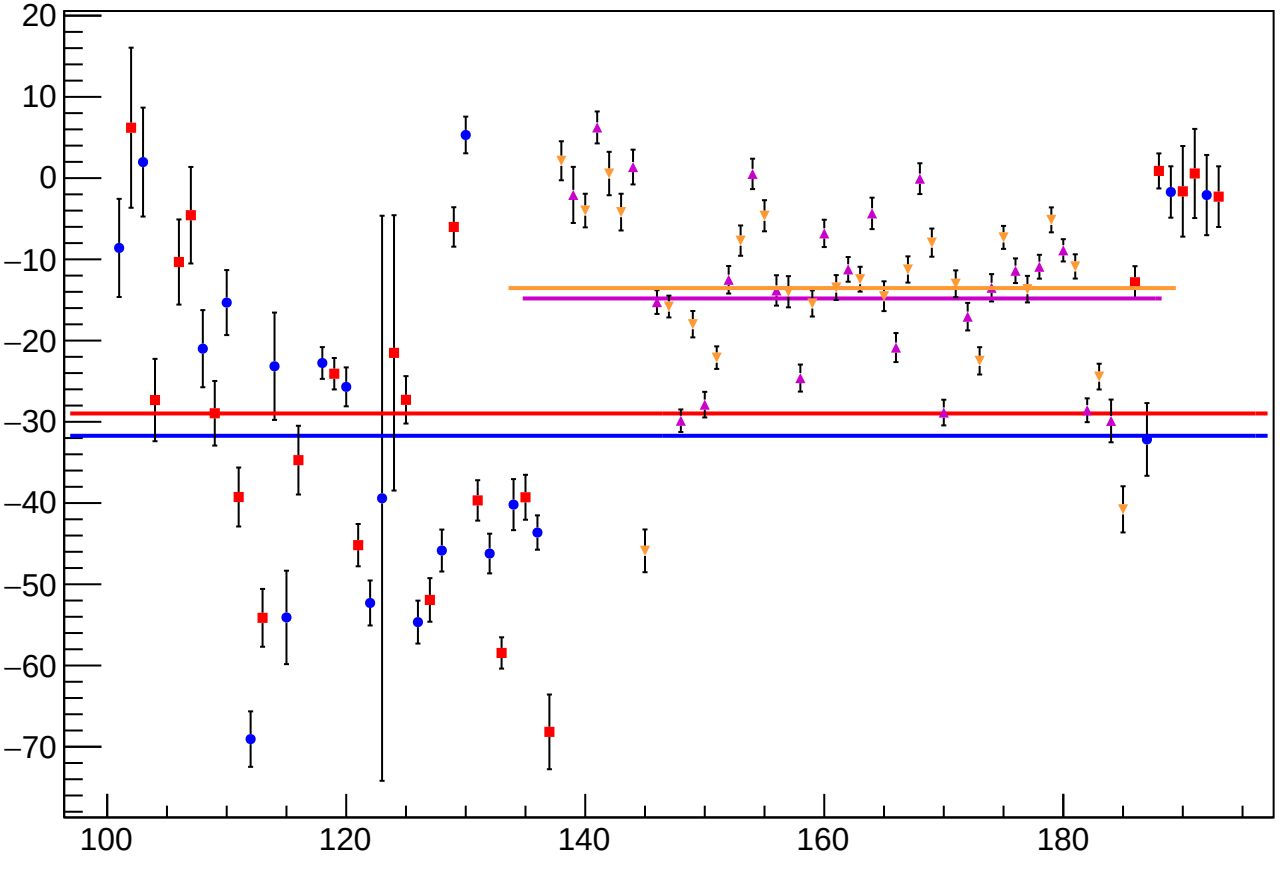
Right: 46.668+/-0.437 χ^2/NDF: 8095.6/42

In: 26.541+/-0.352 χ^2/NDF:6347.4/42

Out: 26.006+/-0.311 χ^2/NDF:9669.0/47

All: 26.241+/-0.233 χ^2/NDF: 16017.7/90

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.720+/-0.701 χ^2/NDF: 855.3/19

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -28.973+/-0.639 χ^2/NDF: 1012.3/22

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

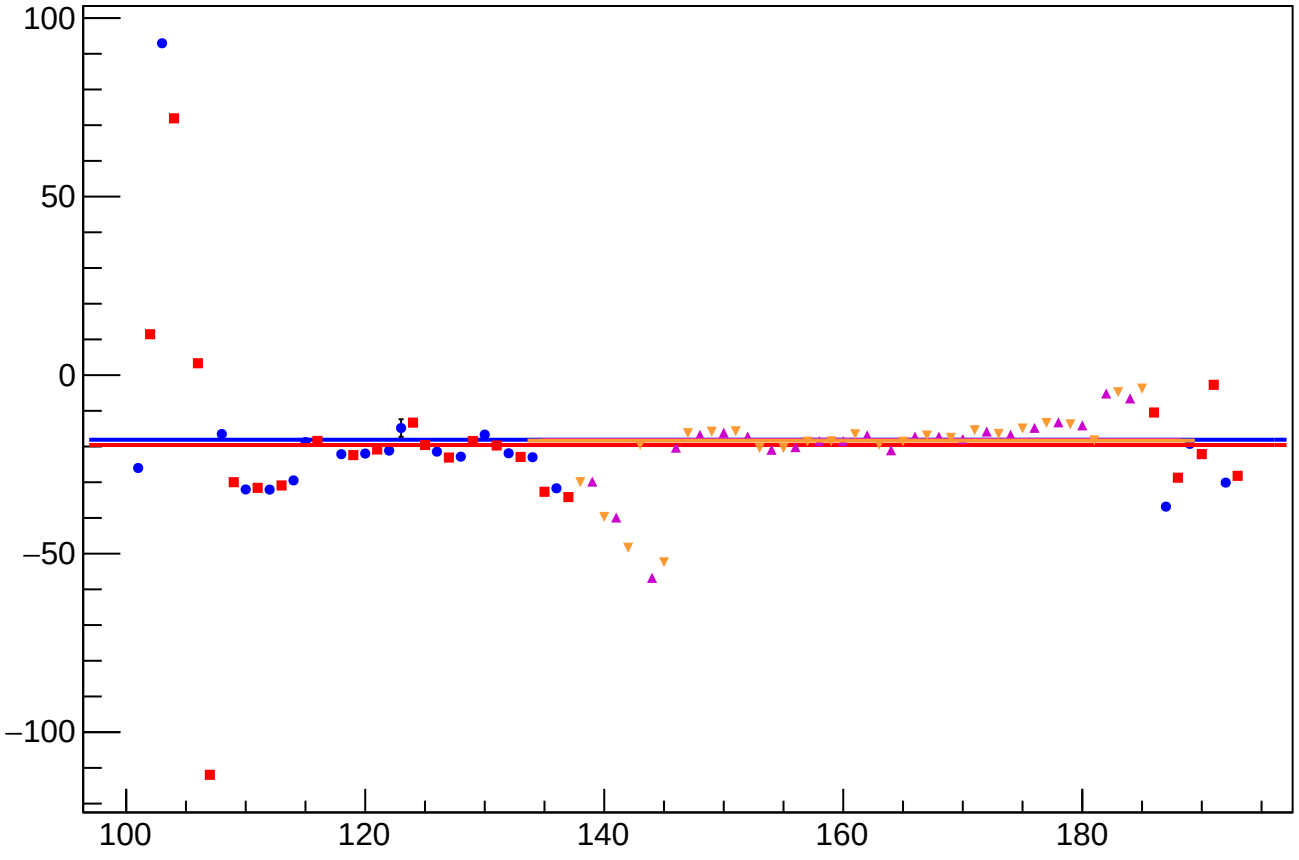
Right: -30.219+/-0.472 χ^2/NDF: 1876.0/42

In: -18.237+/-0.315 χ^2/NDF:2157.5/42

Out: -17.014+/-0.303 χ^2/NDF:2038.9/47

All: -17.602+/-0.219 χ^2/NDF: 4204.2/90

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.092+/-0.040 χ^2/NDF: 487325.7/19

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -19.574+/-0.036 χ^2/NDF: 463567.5/22

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

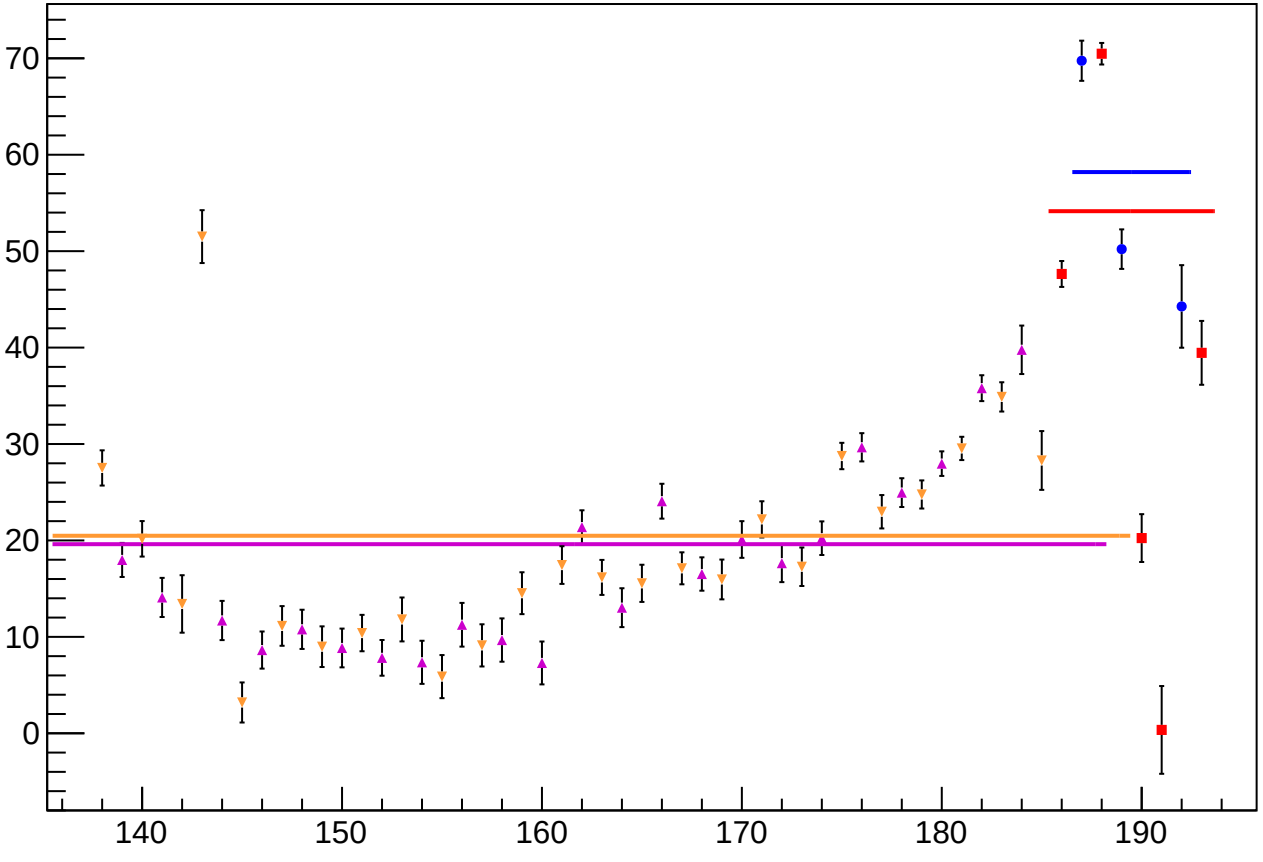
Right: -18.916+/-0.027 χ^2/NDF: 951649.2/42

In: -18.129+/-0.015 χ^2/NDF:732977.0/42

Out: -18.540+/-0.015 χ^2/NDF:748353.3/47

All: -18.339+/-0.010 χ^2/NDF: 1481720.9/90

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 58.203+/-1.383 χ^2/NDF: 56.5/2

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 54.146+/-0.777 χ^2/NDF: 583.0/4

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

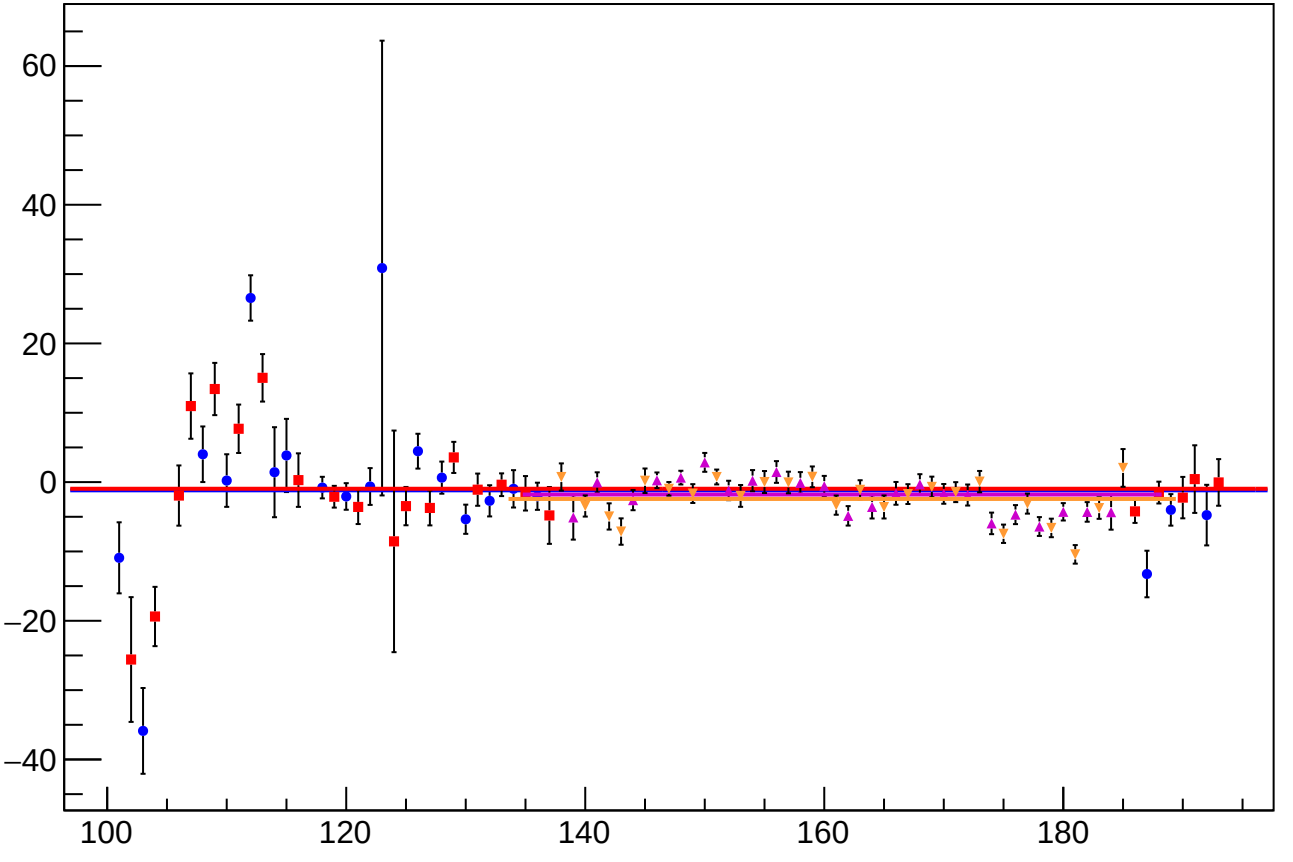
Right: 55.120+/-0.677 χ^2/NDF: 646.1/7

In: 22.304+/-0.365 χ^2/NDF:1353.9/25

Out: 26.805+/-0.337 χ^2/NDF:2722.6/29

All: 24.737+/-0.248 χ^2/NDF: 4158.5/55

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.184+/-0.611 χ^2/NDF: 136.5/19

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.959+/-0.549 χ^2/NDF: 88.5/22

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

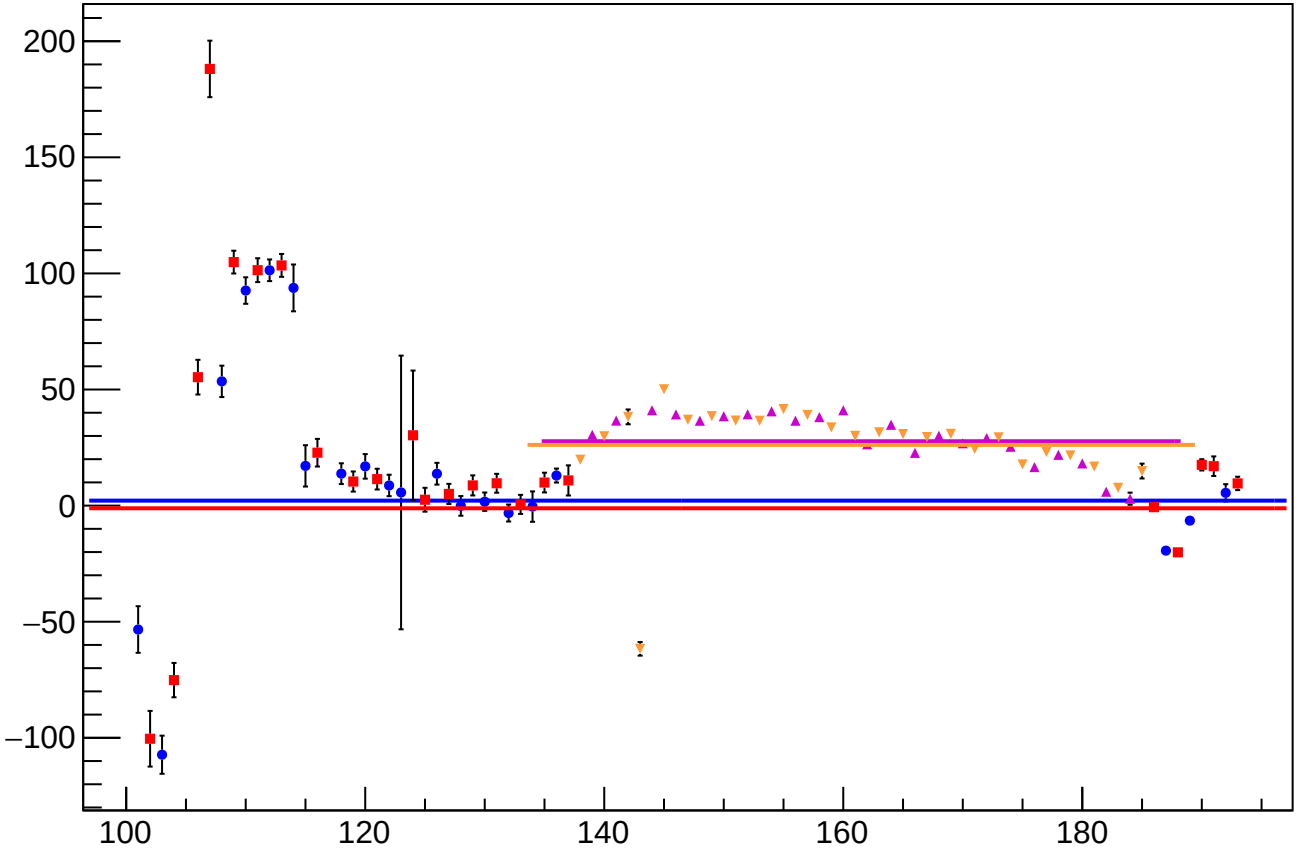
Right: -1.059+/-0.408 χ^2/NDF: 225.1/42

In: -1.672+/-0.270 χ^2/NDF:207.3/42

Out: -2.103+/-0.258 χ^2/NDF:197.9/47

All: -1.897+/-0.187 χ^2/NDF: 406.5/90

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.148+/-0.849 χ^2/NDF: 1276.5/19

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -1.148+/-0.569 χ^2/NDF: 2375.2/22

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

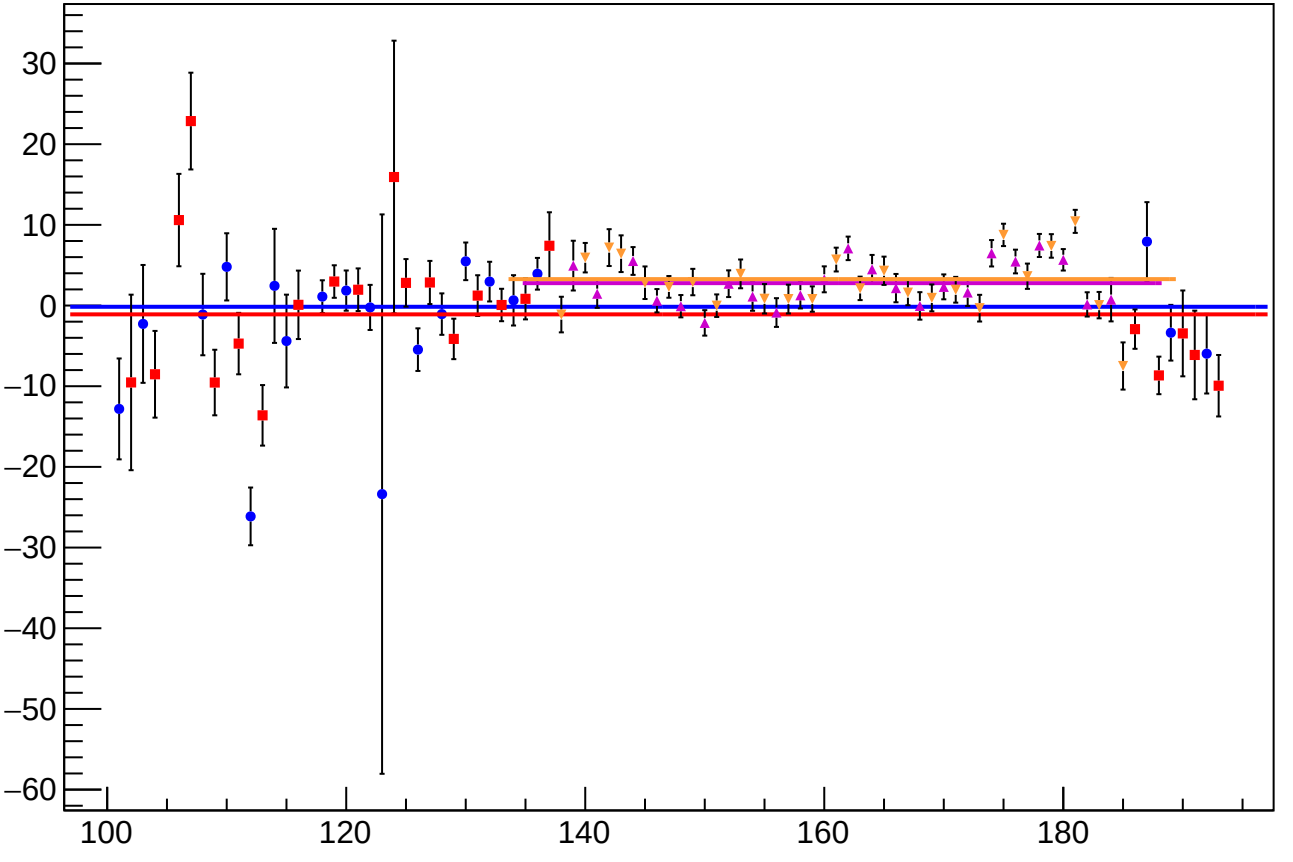
Right: -0.125+/-0.473 χ^2/NDF: 3662.2/42

In: 23.517+/-0.344 χ^2/NDF:2840.1/42

Out: 17.965+/-0.312 χ^2/NDF:5563.8/47

All: 20.468+/-0.231 χ^2/NDF: 8546.7/90

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.154+/-0.712 χ^2/NDF: 81.5/19

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -1.094+/-0.664 χ^2/NDF: 74.4/22

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

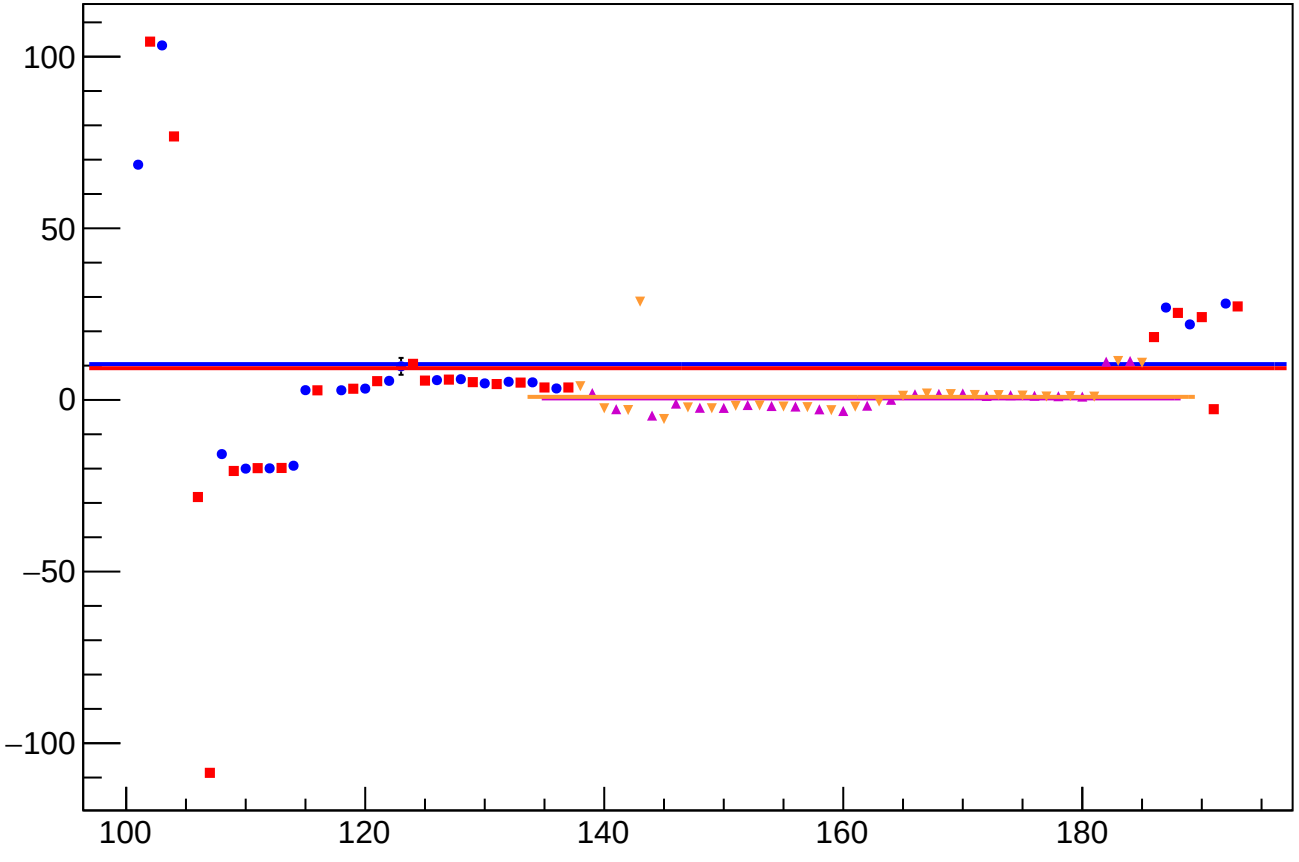
Right: -0.657+/-0.485 χ^2/NDF: 156.9/42

In: 2.231+/-0.307 χ^2/NDF:161.9/42

Out: 2.401+/-0.297 χ^2/NDF:210.9/47

All: 2.319+/-0.213 χ^2/NDF: 372.9/90

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.441+/-0.040 χ^2/NDF: 383564.7/19

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 9.247+/-0.037 χ^2/NDF: 581583.0/22

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

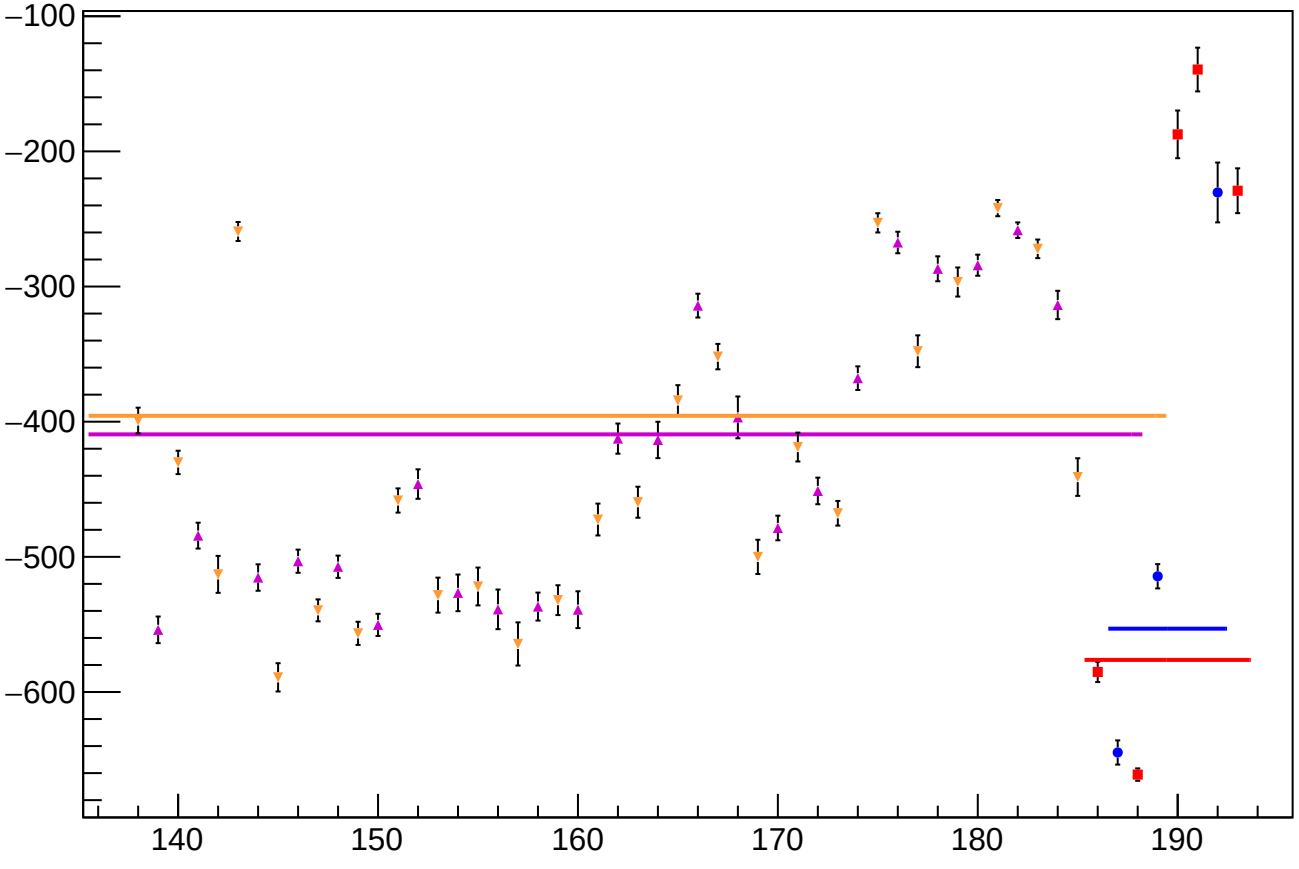
Right: 9.785+/-0.027 χ^2/NDF: 965624.8/42

In: 1.705+/-0.014 χ^2/NDF:487370.7/42

Out: 2.123+/-0.014 χ^2/NDF:733974.7/47

All: 1.919+/-0.010 χ^2/NDF: 1221777.4/90

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -553.136+/-6.098 χ^2/NDF: 335.7/2

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -576.237+/-3.631 χ^2/NDF: 1995.0/4

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

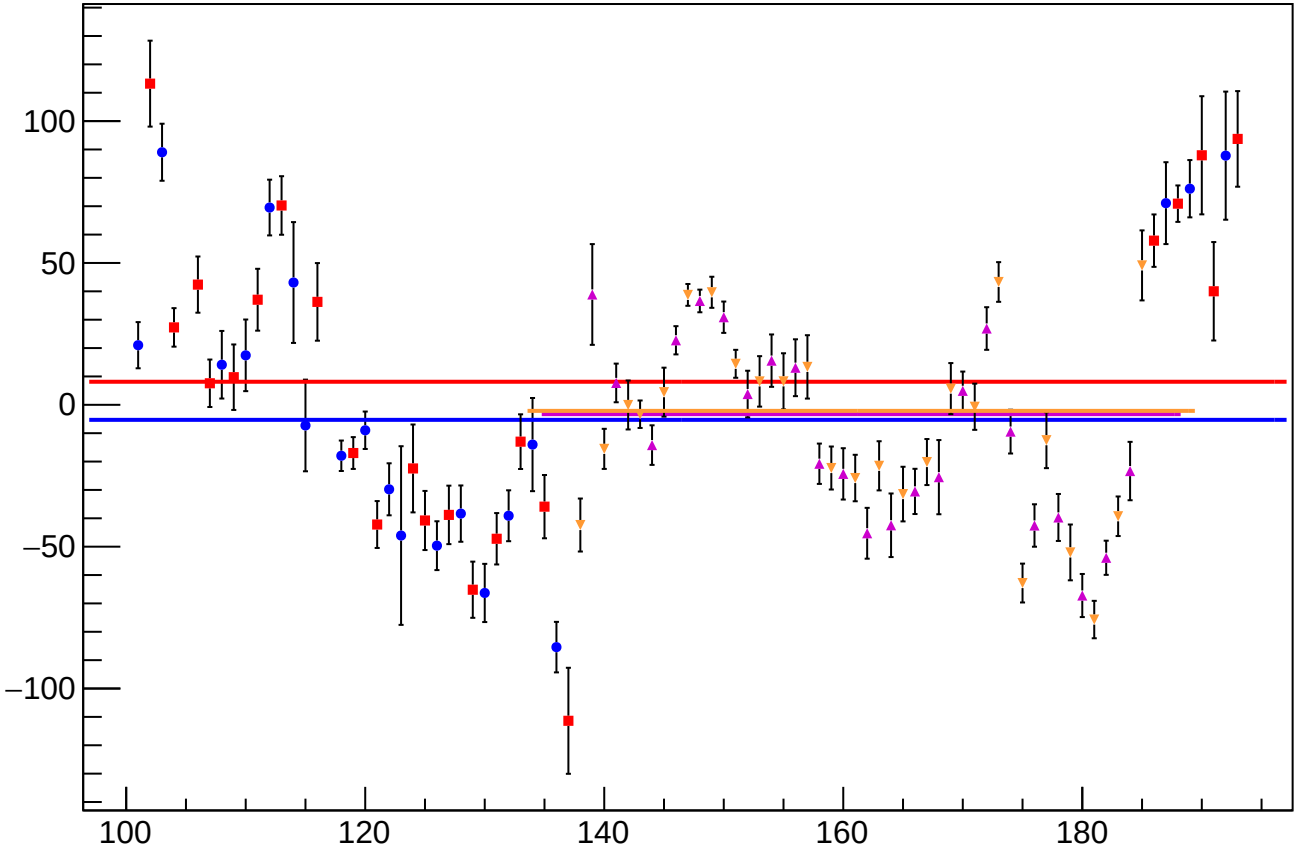
Right: -570.190+/-3.120 χ^2/NDF: 2341.3/7

In: -422.980+/-1.876 χ^2/NDF:3935.0/25

Out: -434.745+/-1.690 χ^2/NDF:7637.0/29

All: -429.475+/-1.255 χ^2/NDF: 11593.8/55

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.298+/-2.215 χ^2/NDF: 460.9/19

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 8.131+/-2.043 χ^2/NDF: 541.2/22

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

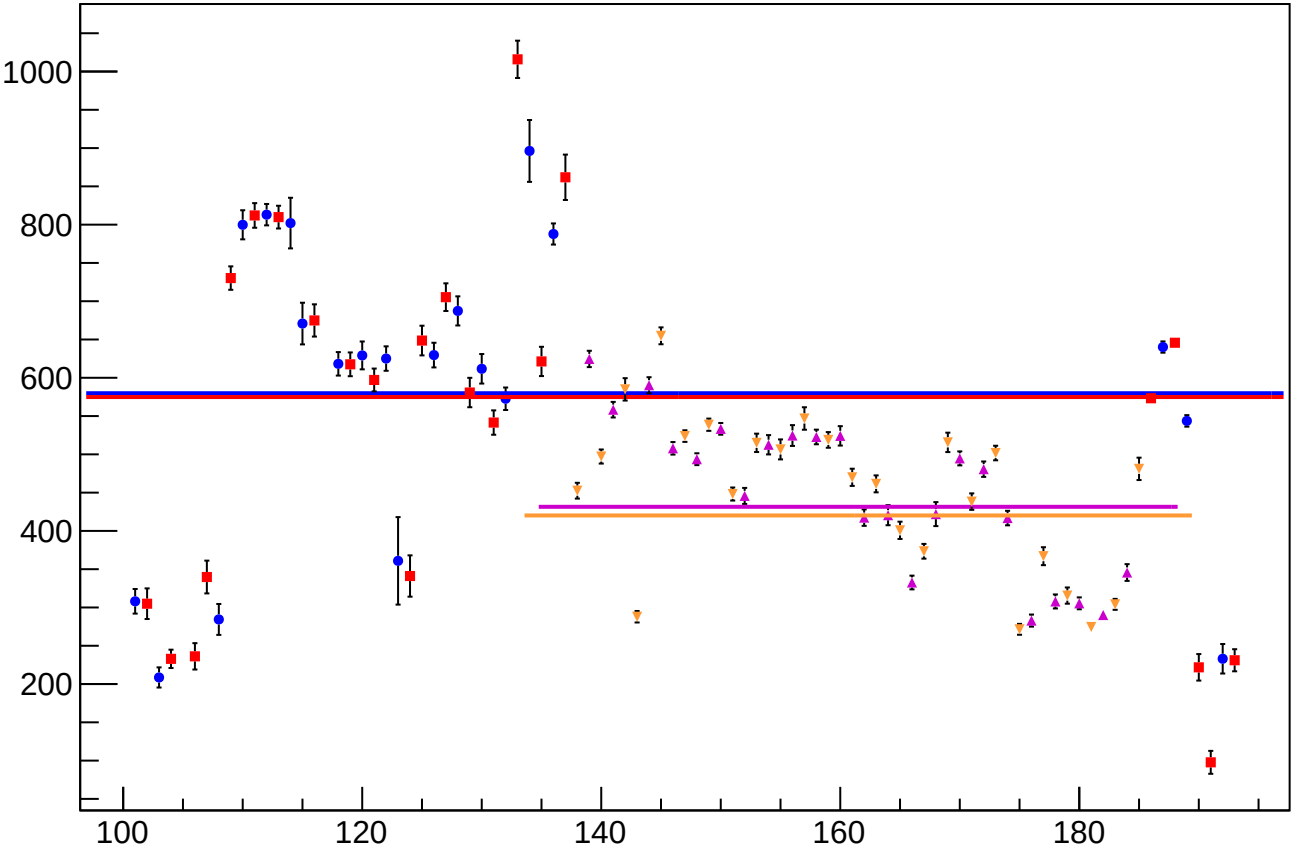
Right: 1.958+/-1.502 χ^2/NDF: 1022.0/42

In: -3.931+/-1.251 χ^2/NDF:916.0/42

Out: 1.258+/-1.174 χ^2/NDF:1120.9/47

All: -1.172+/-0.856 χ^2/NDF: 2046.0/90

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 579.827+/-3.290 χ^2/NDF: 2548.6/19

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 574.836+/-2.412 χ^2/NDF: 5049.3/22

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

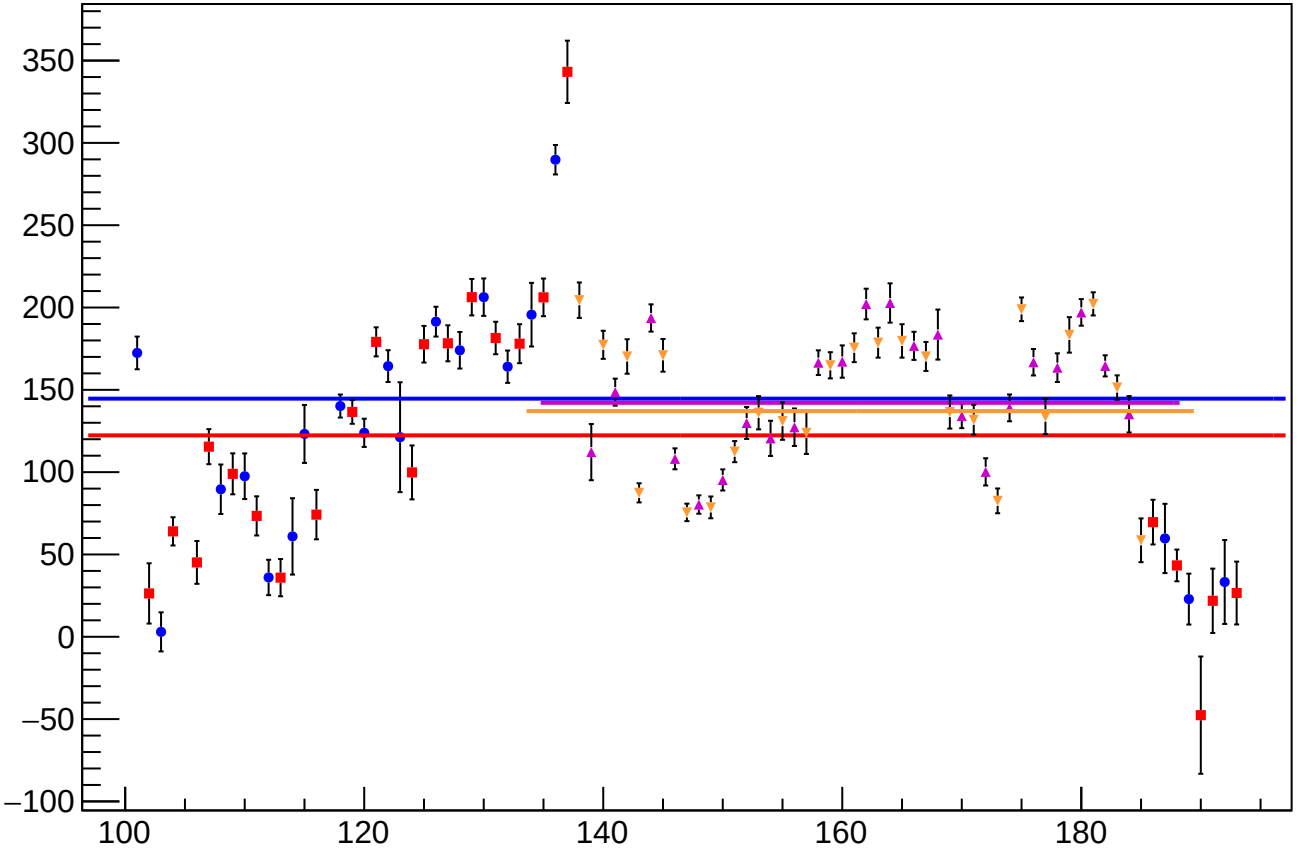
Right: 576.581+/-1.945 χ^2/NDF: 7599.4/42

In: 470.457+/-1.686 χ^2/NDF:6944.3/42

Out: 479.997+/-1.500 χ^2/NDF:10811.3/47

All: 475.783+/-1.121 χ^2/NDF: 17773.5/90

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 144.651+/-2.601 χ^2/NDF: 737.7/19

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 122.344+/-2.442 χ^2/NDF: 758.4/22

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

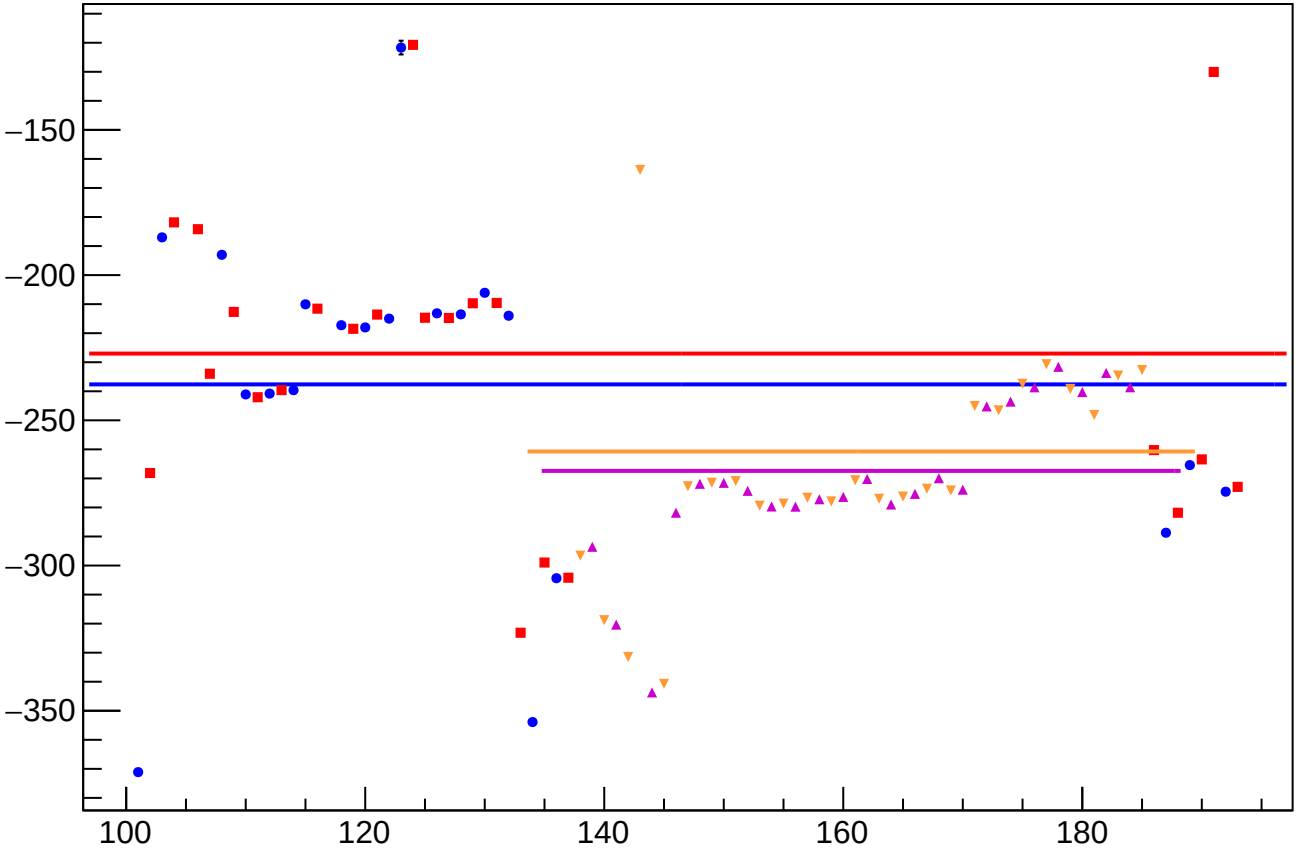
Right: 132.798+/-1.780 χ^2/NDF: 1535.2/42

In: 142.904+/-1.446 χ^2/NDF:1202.1/42

Out: 132.432+/-1.374 χ^2/NDF:1522.3/47

All: 137.402+/-0.996 χ^2/NDF: 2751.9/90

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -237.629+/-0.142 χ^2/NDF: 151173.4/19

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -227.013+/-0.127 χ^2/NDF: 145761.0/22

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

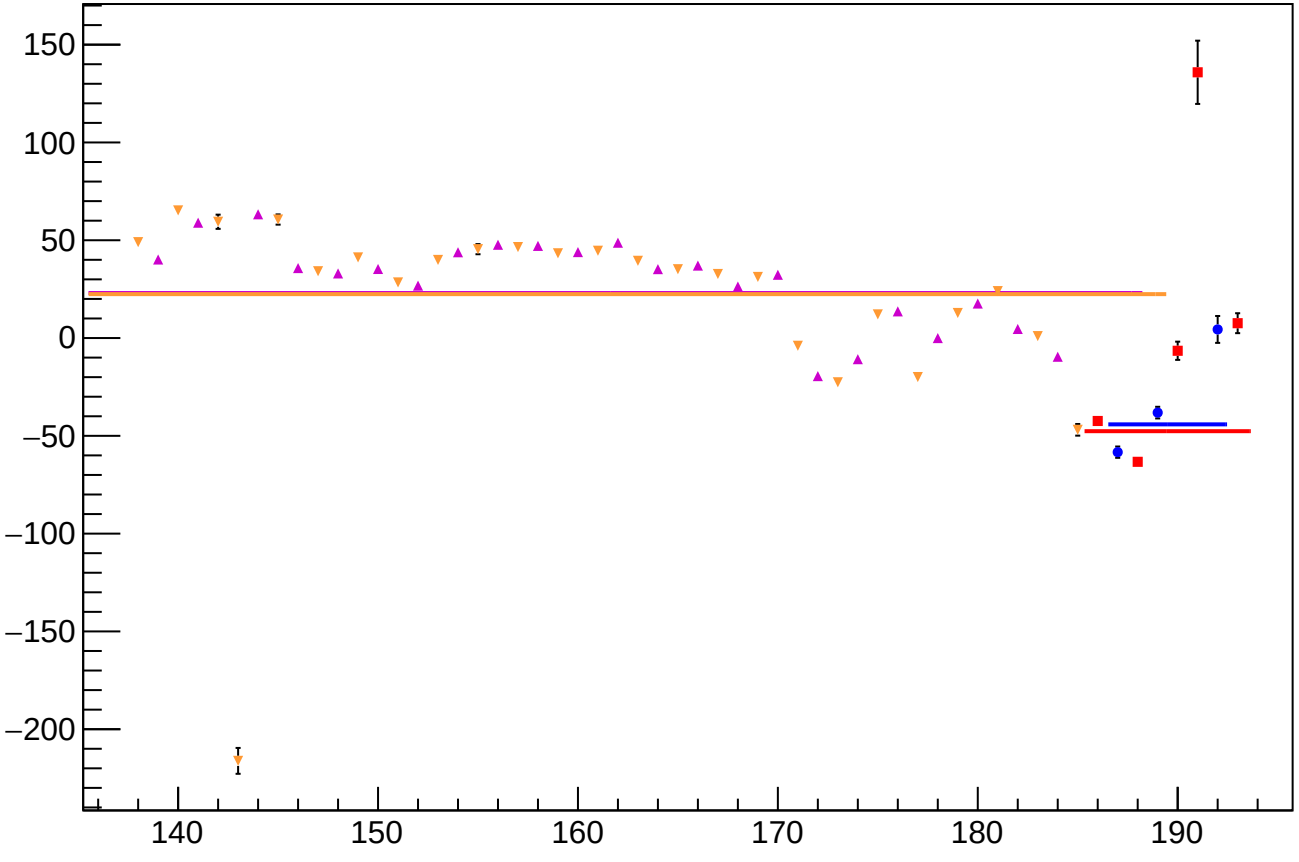
Right: -231.752+/-0.095 χ^2/NDF: 300037.8/42

In: -260.040+/-0.071 χ^2/NDF:283271.8/42

Out: -251.264+/-0.067 χ^2/NDF:416320.0/47

All: -255.456+/-0.049 χ^2/NDF: 707672.8/90

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -44.135+/-1.986 χ^2/NDF: 78.1/2

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -47.623+/-1.100 χ^2/NDF: 433.6/4

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

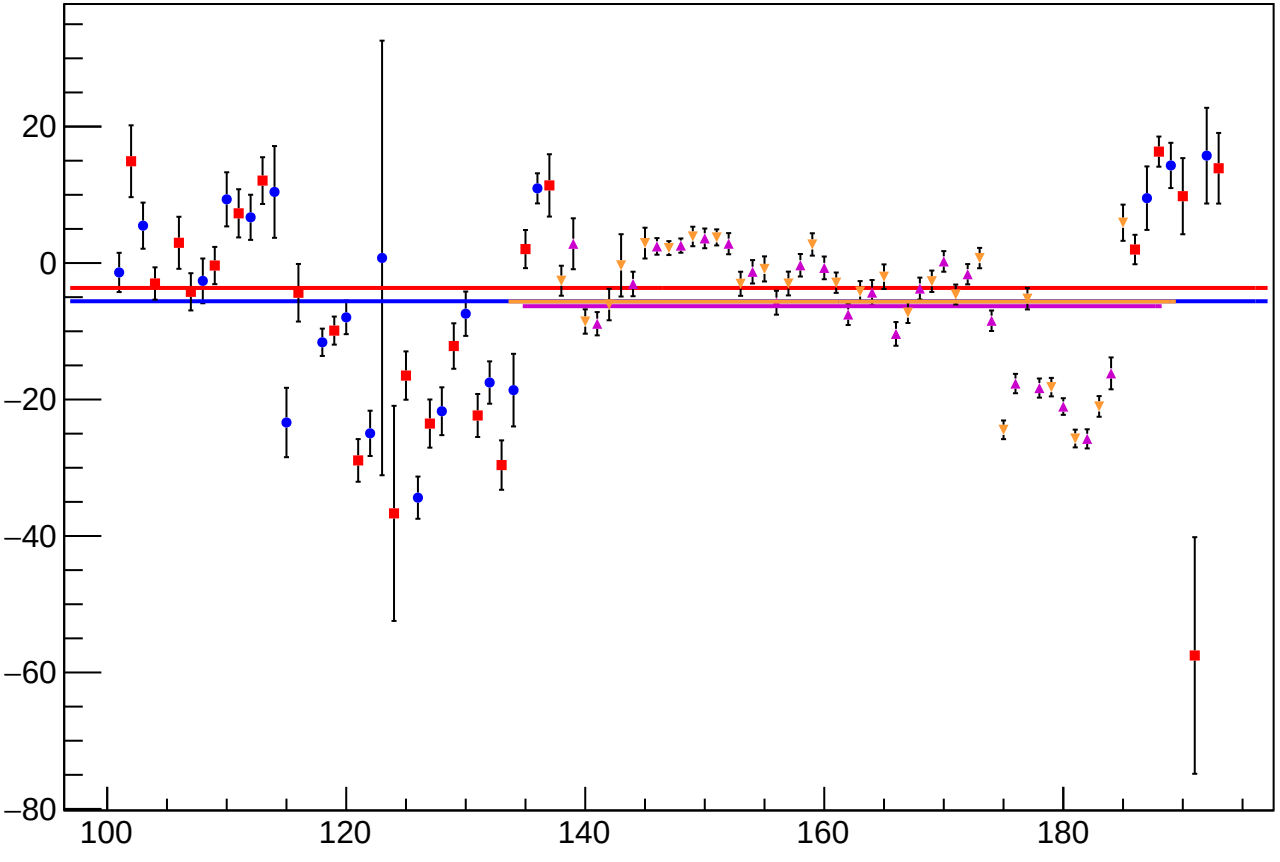
Right: -46.804+/-0.962 χ^2/NDF: 514.1/7

In: 20.403+/-0.392 χ^2/NDF:3997.3/25

Out: 14.298+/-0.375 χ^2/NDF:8958.1/29

All: 17.216+/-0.271 χ^2/NDF: 13082.2/55

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.599+/-0.744 χ^2/NDF: 344.6/19

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -3.648+/-0.672 χ^2/NDF: 395.3/22

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

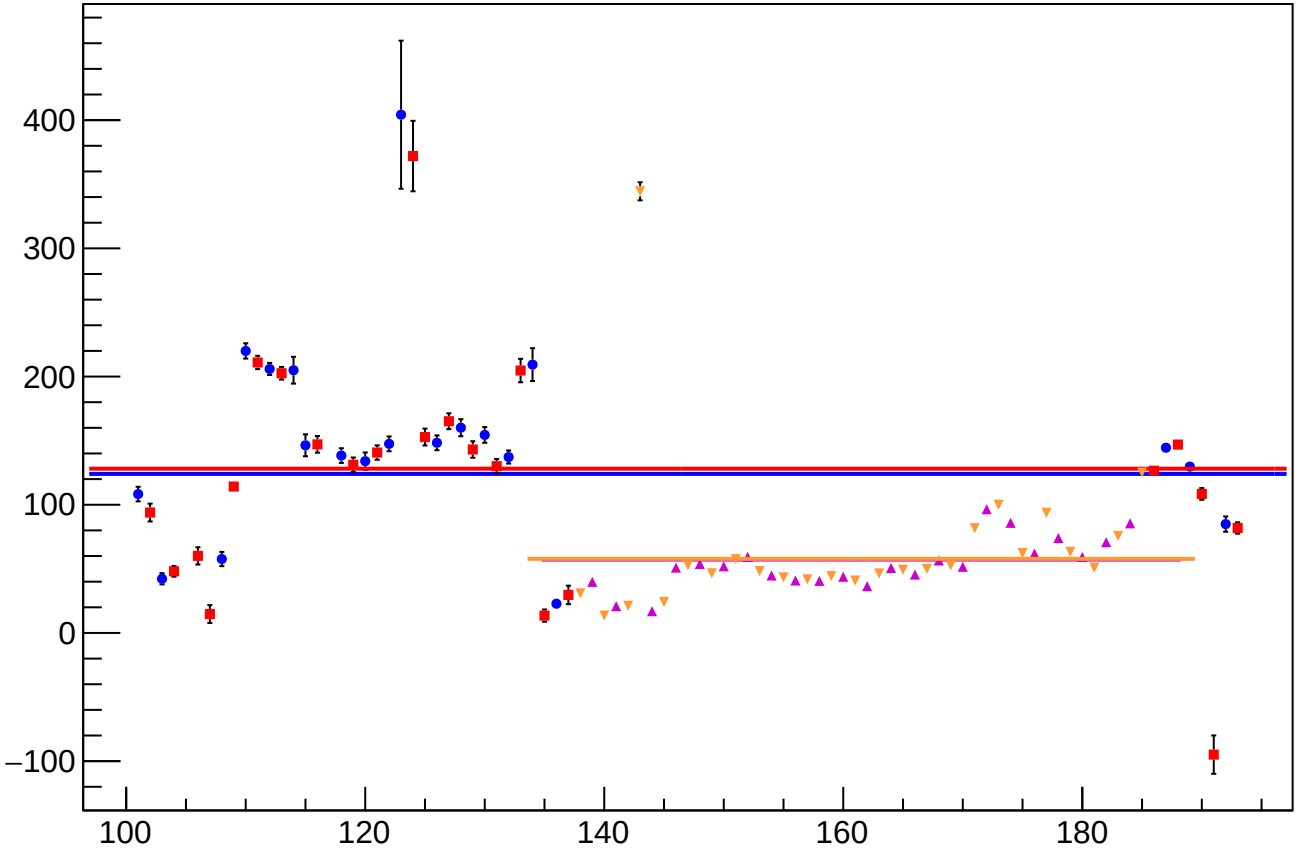
Right: -4.525+/-0.499 χ^2/NDF: 743.7/42

In: -6.210+/-0.294 χ^2/NDF:1129.8/42

Out: -5.279+/-0.286 χ^2/NDF:1294.0/47

All: -5.731+/-0.205 χ^2/NDF: 2429.0/90

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 124.074+/-1.075 χ^2/NDF: 2306.2/19

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 128.140+/-0.749 χ^2/NDF: 2809.0/22

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

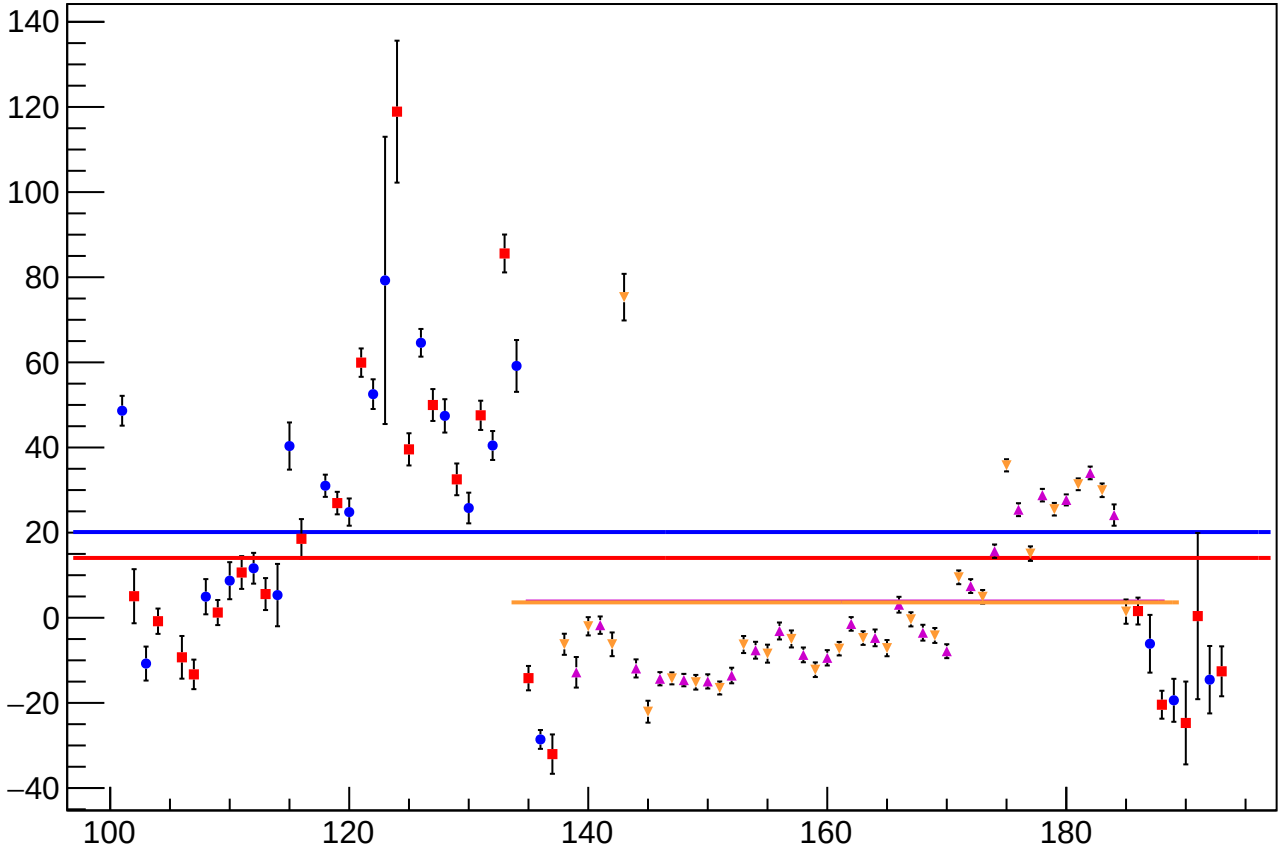
Right: 126.812+/-0.614 χ^2/NDF: 5124.8/42

In: 65.283+/-0.373 χ^2/NDF:7565.5/42

Out: 73.310+/-0.351 χ^2/NDF:14018.8/47

All: 69.538+/-0.256 χ^2/NDF: 21829.5/90

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.136+/-0.863 χ^2/NDF: 1172.5/19

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 14.055+/-0.803 χ^2/NDF: 1264.1/22

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

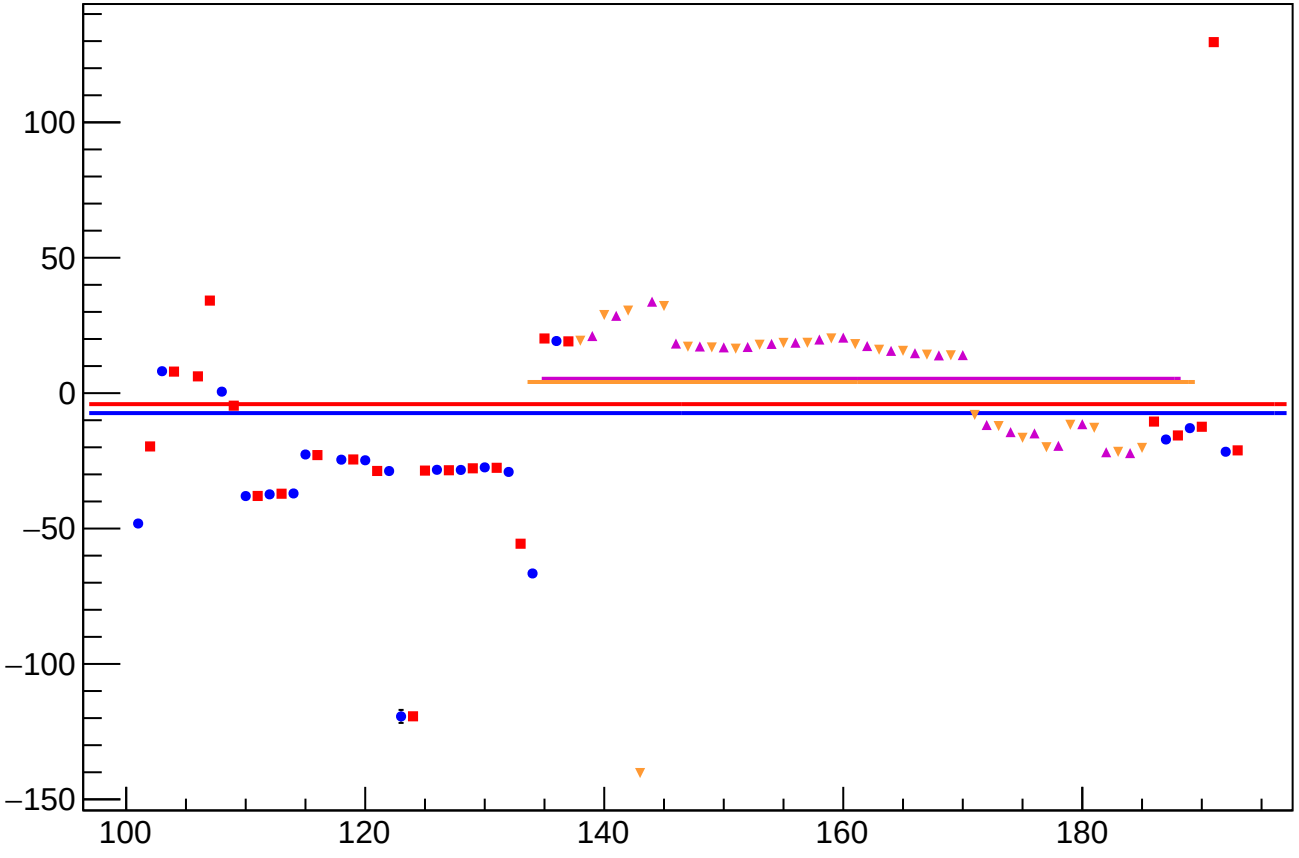
Right: 16.877+/-0.588 χ^2/NDF: 2463.2/42

In: 6.238+/-0.333 χ^2/NDF:3680.4/42

Out: 5.334+/-0.326 χ^2/NDF:3906.3/47

All: 5.777+/-0.233 χ^2/NDF: 7590.5/90

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.367+/-0.044 χ^2/NDF: 270752.4/19

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -4.058+/-0.042 χ^2/NDF: 342440.8/22

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

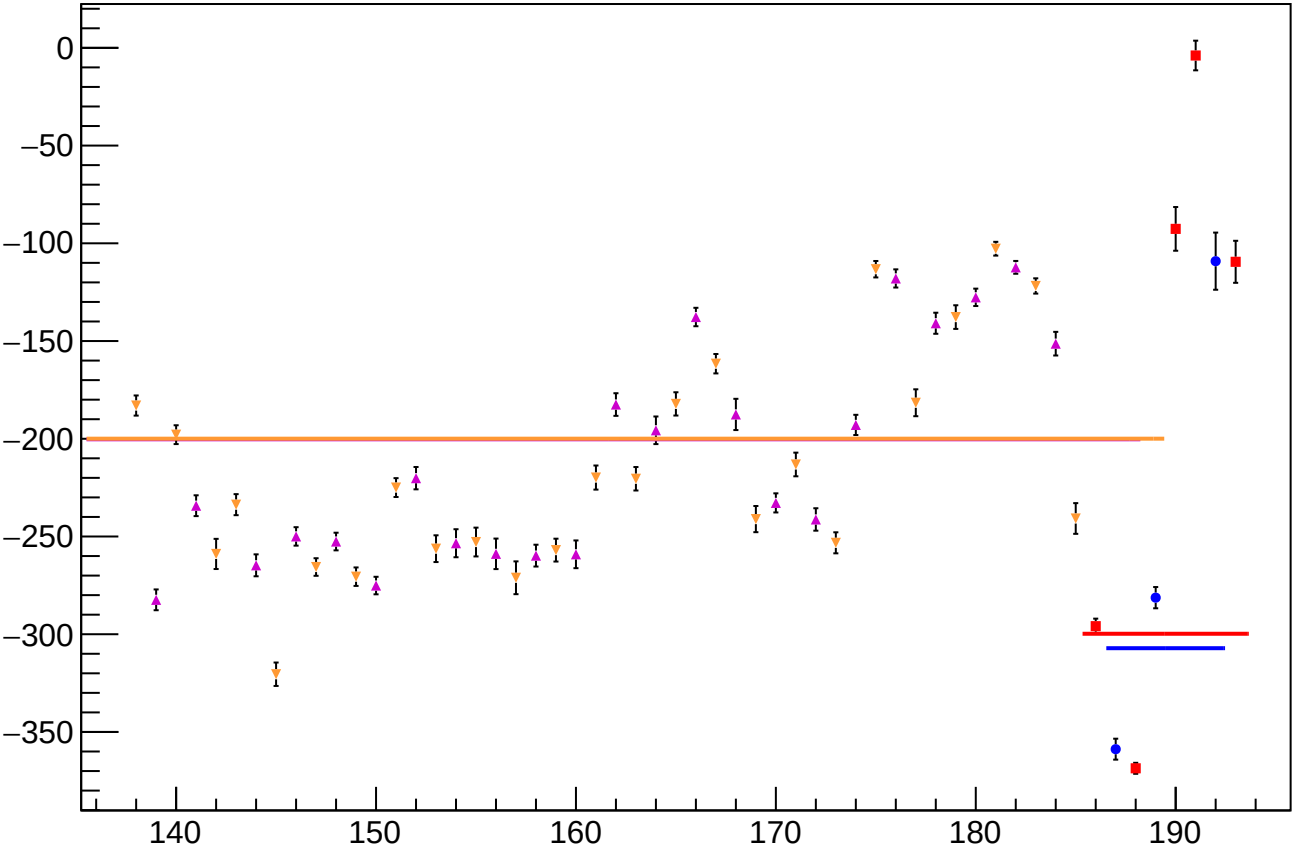
Right: -5.614+/-0.030 χ^2/NDF: 616172.9/42

In: 3.774+/-0.015 χ^2/NDF:1432905.1/42

Out: 3.023+/-0.015 χ^2/NDF:1716138.4/47

All: 3.396+/-0.011 χ^2/NDF: 3150252.5/90

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -307.147+/-3.692 χ^2/NDF: 299.1/2

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -299.761+/-2.095 χ^2/NDF: 2777.1/4

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

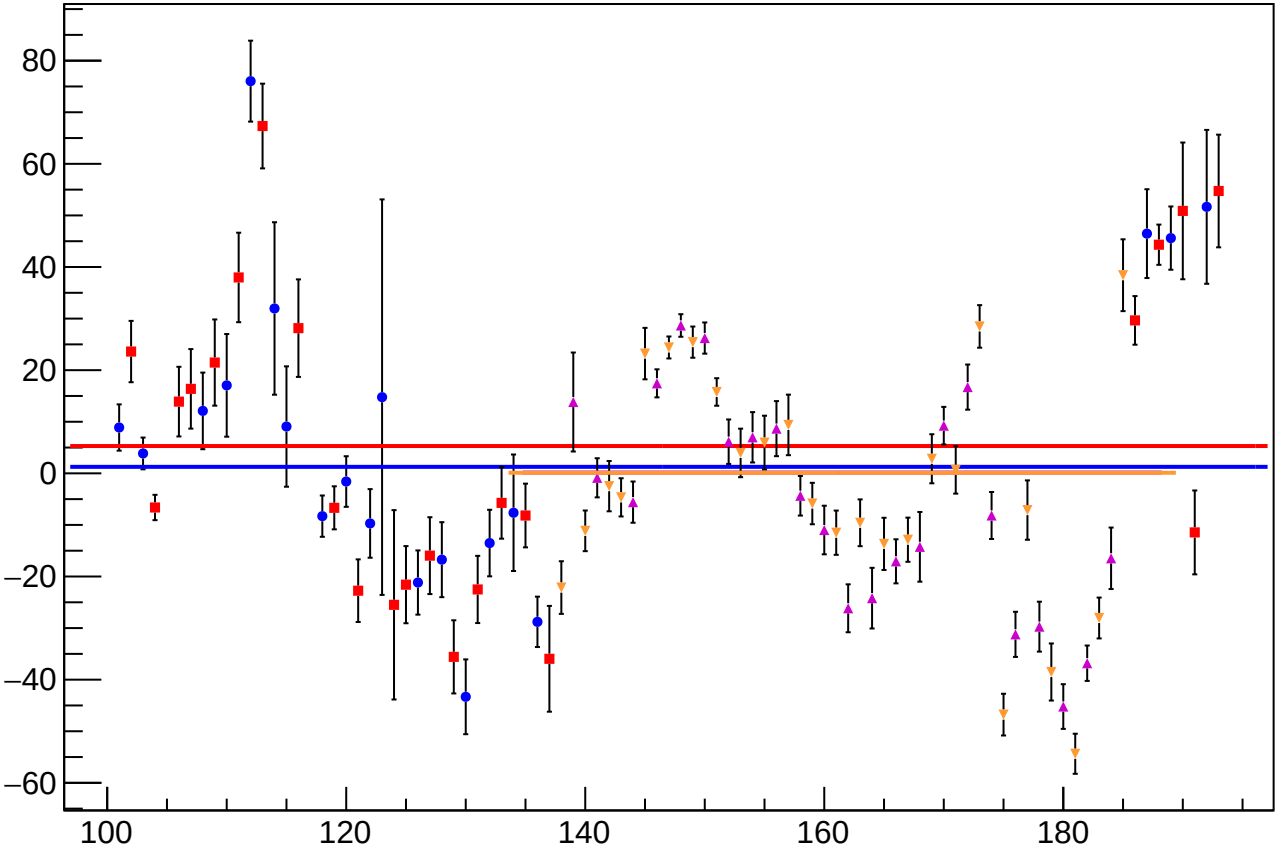
Right: -301.561+/-1.822 χ^2/NDF: 3079.2/7

In: -208.893+/-1.048 χ^2/NDF:4083.2/25

Out: -220.953+/-0.961 χ^2/NDF:7788.9/29

All: -215.446+/-0.708 χ^2/NDF: 11944.0/55

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.260+/-1.387 χ^2/NDF: 303.8/19

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 5.294+/-1.241 χ^2/NDF: 409.4/22

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

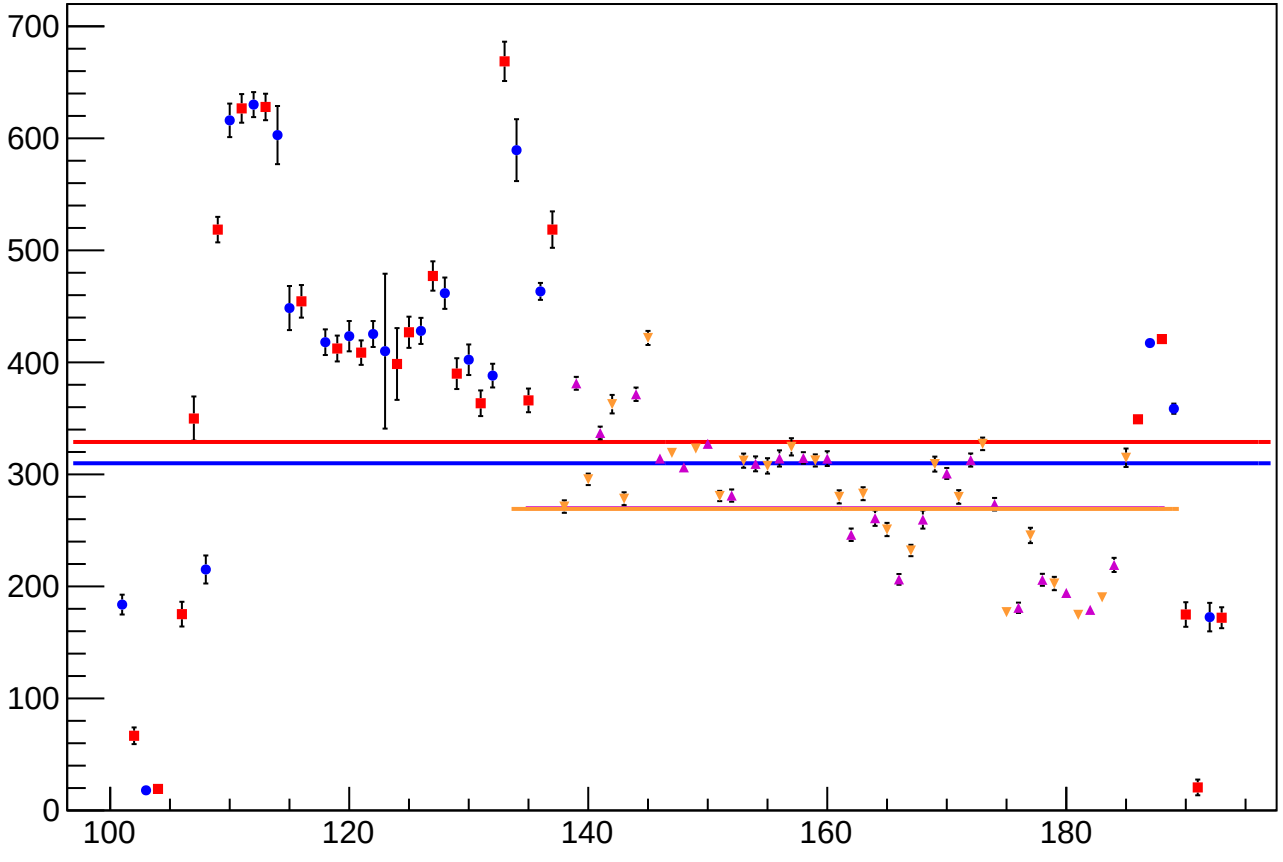
Right: 3.501+/-0.925 χ^2/NDF: 717.8/42

In: 0.448+/-0.716 χ^2/NDF:1023.9/42

Out: 1.665+/-0.679 χ^2/NDF:1251.7/47

All: 1.089+/-0.493 χ^2/NDF: 2277.0/90

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 309.934+/-1.927 χ^2/NDF: 8795.1/19

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 328.935+/-1.405 χ^2/NDF: 12992.9/22

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

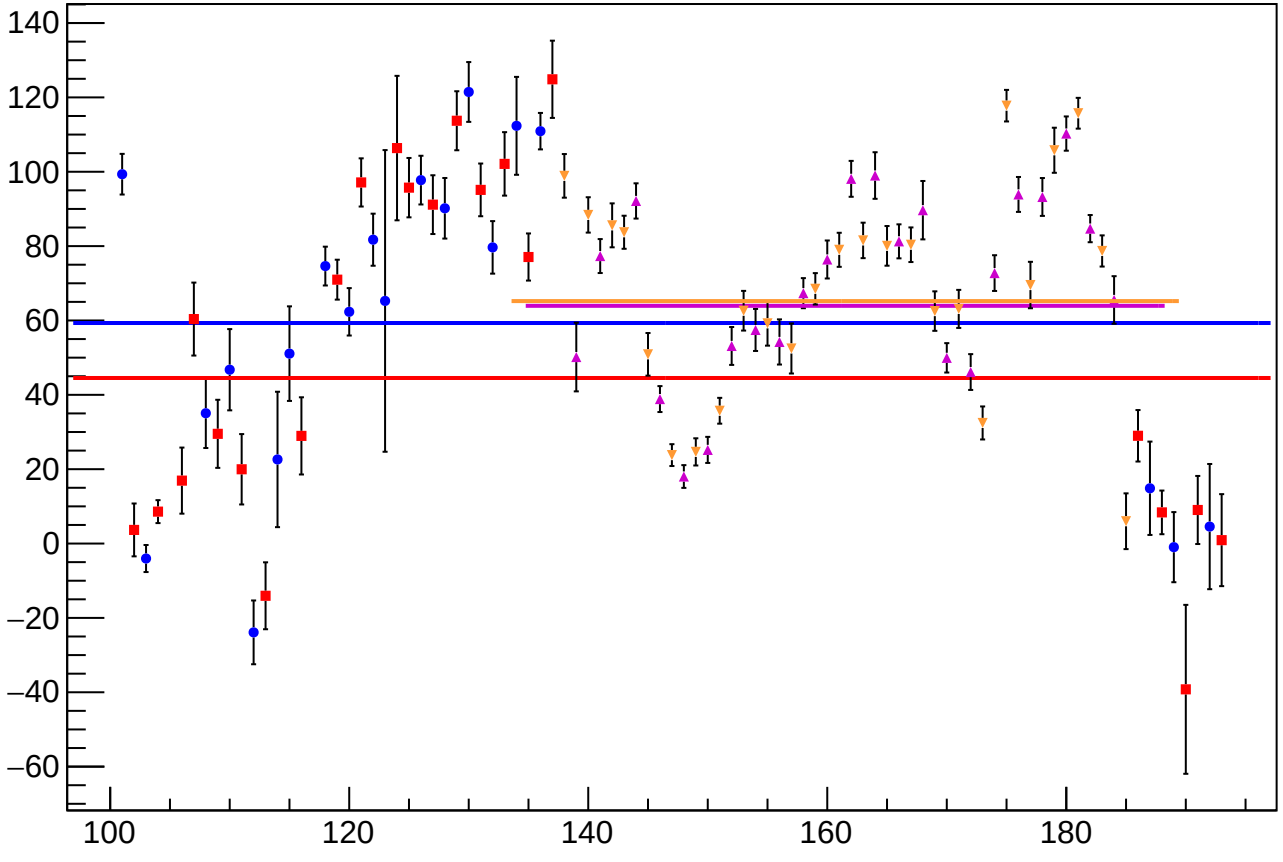
Right: 322.337+/-1.136 χ^2/NDF: 21851.4/42

In: 279.486+/-0.947 χ^2/NDF:12359.1/42

Out: 291.387+/-0.857 χ^2/NDF:17277.2/47

All: 286.029+/-0.635 χ^2/NDF: 29723.1/90

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 59.319+/-1.630 χ^2/NDF: 790.1/19

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 44.531+/-1.509 χ^2/NDF: 753.8/22

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

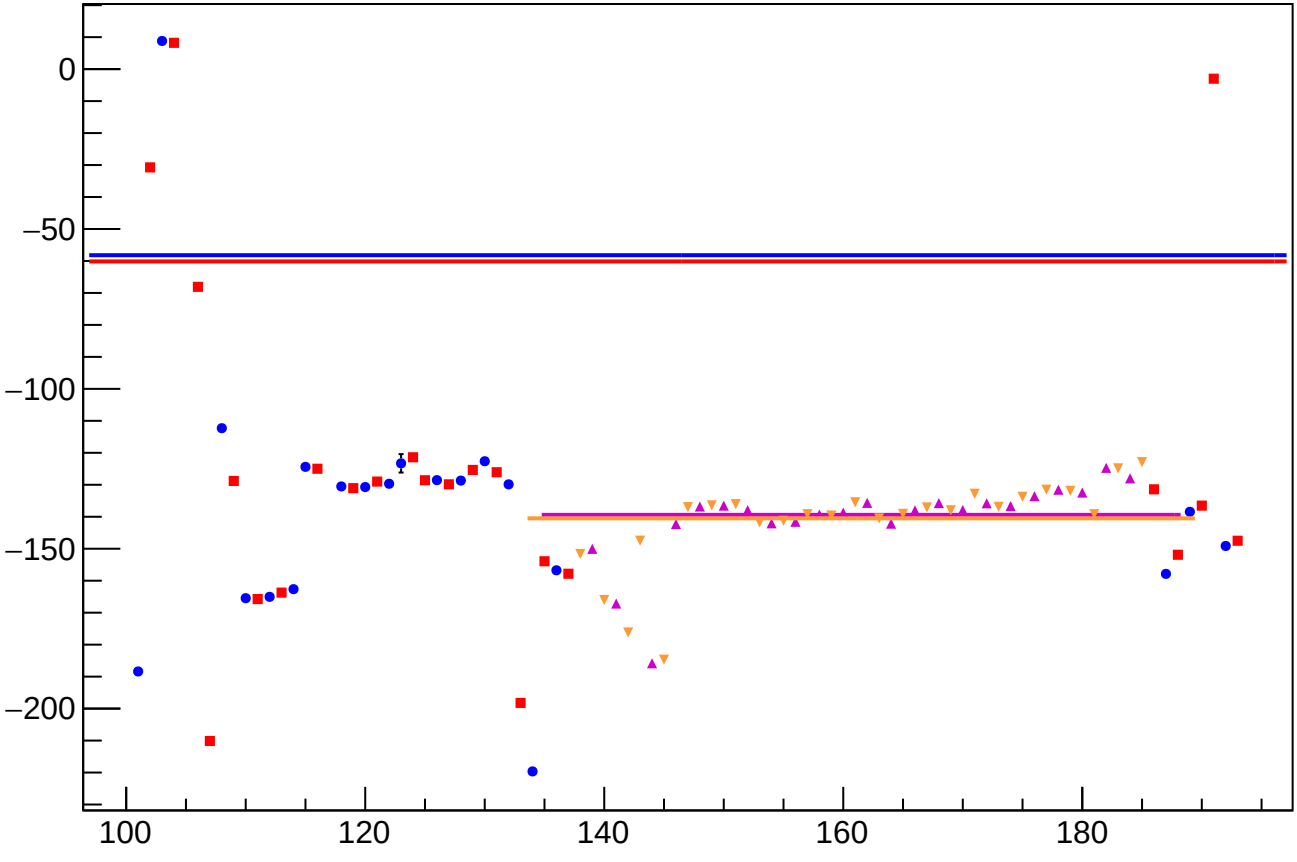
Right: 51.352+/-1.107 χ^2/NDF: 1588.3/42

In: 62.752+/-0.828 χ^2/NDF:1599.5/42

Out: 59.446+/-0.797 χ^2/NDF:1895.1/47

All: 61.036+/-0.574 χ^2/NDF: 3502.8/90

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.199+/-0.068 χ^2/NDF: 1317102.0/19

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -60.152+/-0.066 χ^2/NDF: 1178395.5/22

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

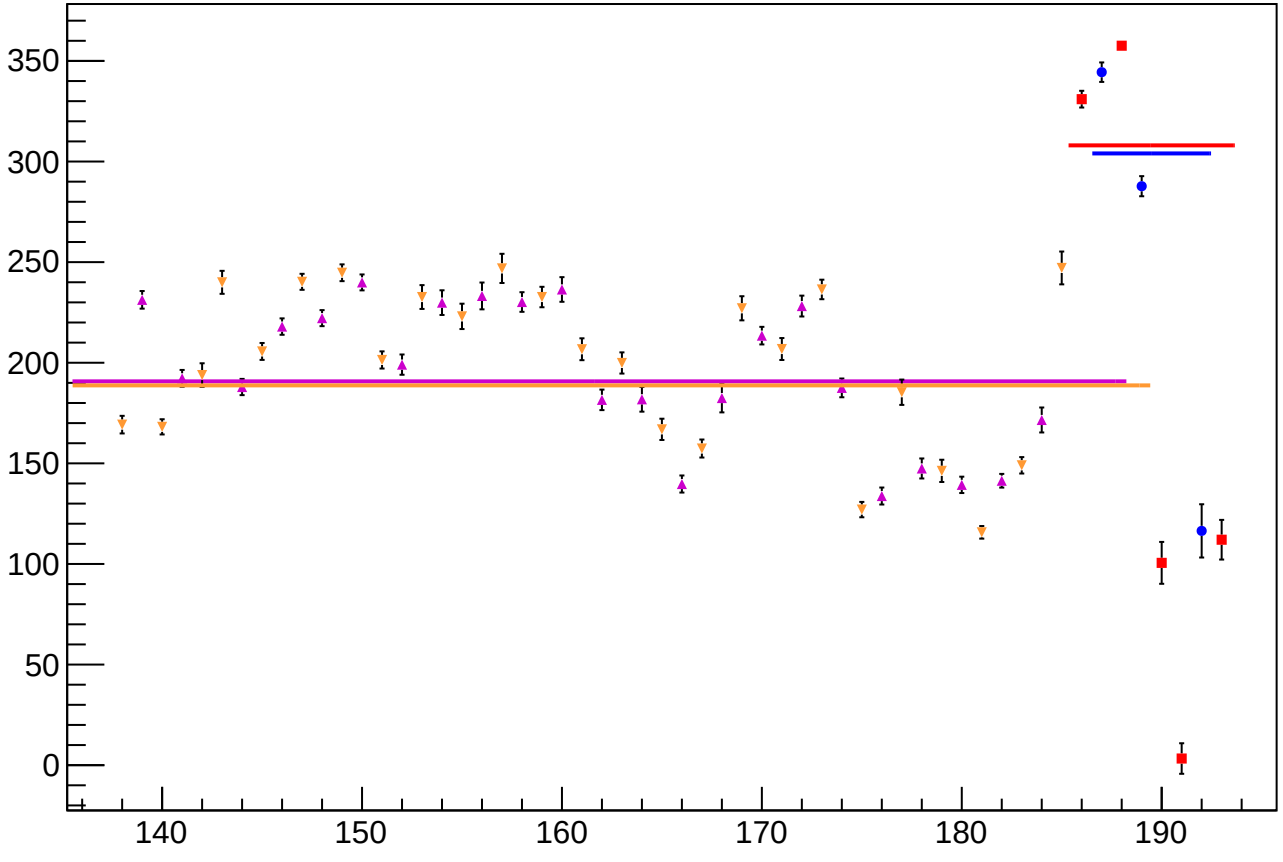
Right: -59.214+/-0.047 χ^2/NDF: 2495920.2/42

In: -115.040+/-0.038 χ^2/NDF:2364240.7/42

Out: -115.135+/-0.037 χ^2/NDF:2275514.8/47

All: -115.088+/-0.026 χ^2/NDF: 4639758.8/90

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 304.026+/-3.362 χ^2/NDF: 281.2/2

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 308.031+/-1.984 χ^2/NDF: 2825.9/4

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

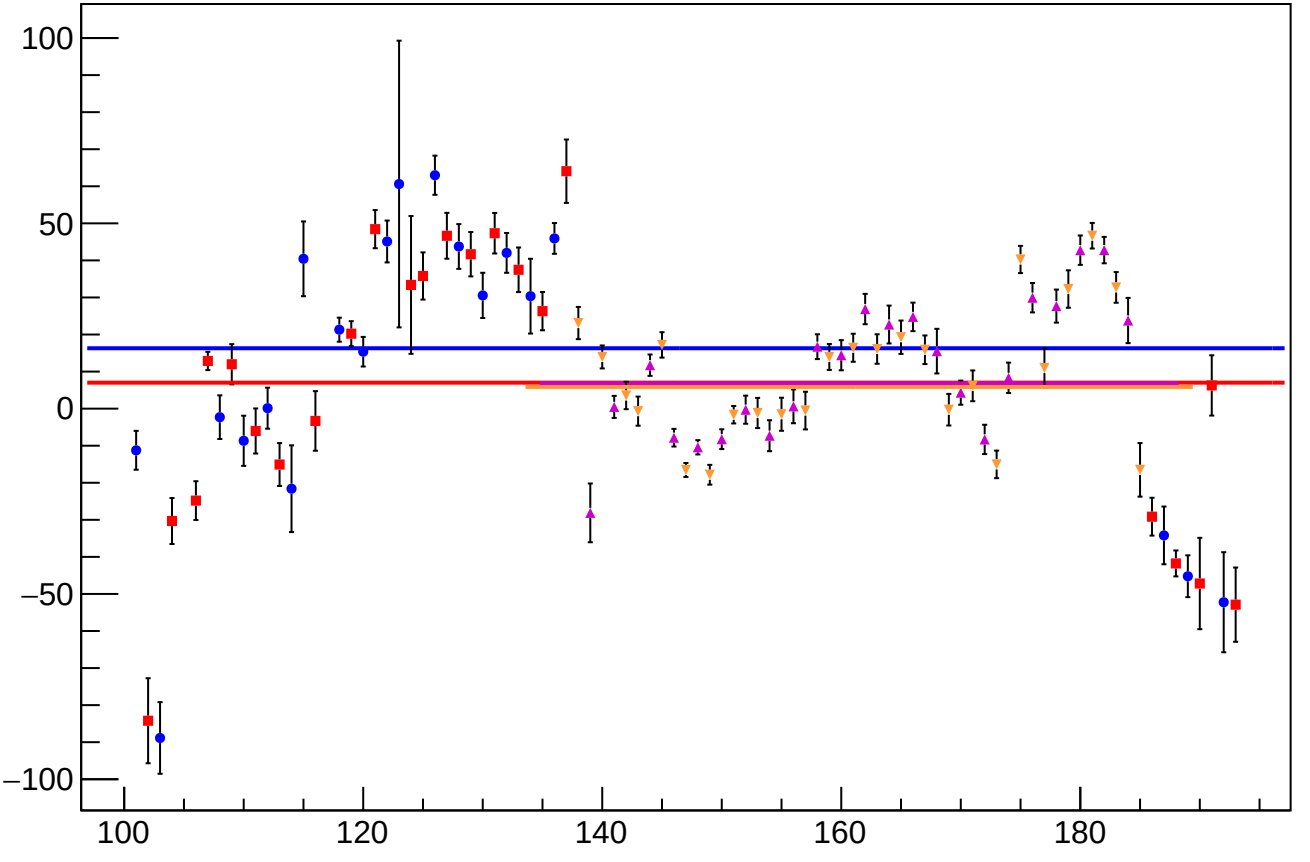
Right: 306.997+/-1.708 χ^2/NDF: 3108.2/7

In: 199.473+/-0.933 χ^2/NDF:2750.7/25

Out: 211.310+/-0.863 χ^2/NDF:7726.3/29

All: 205.853+/-0.633 χ^2/NDF: 10563.8/55

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.297+/-1.309 χ^2/NDF: 590.8/19

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 7.012+/-1.110 χ^2/NDF: 778.8/22

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

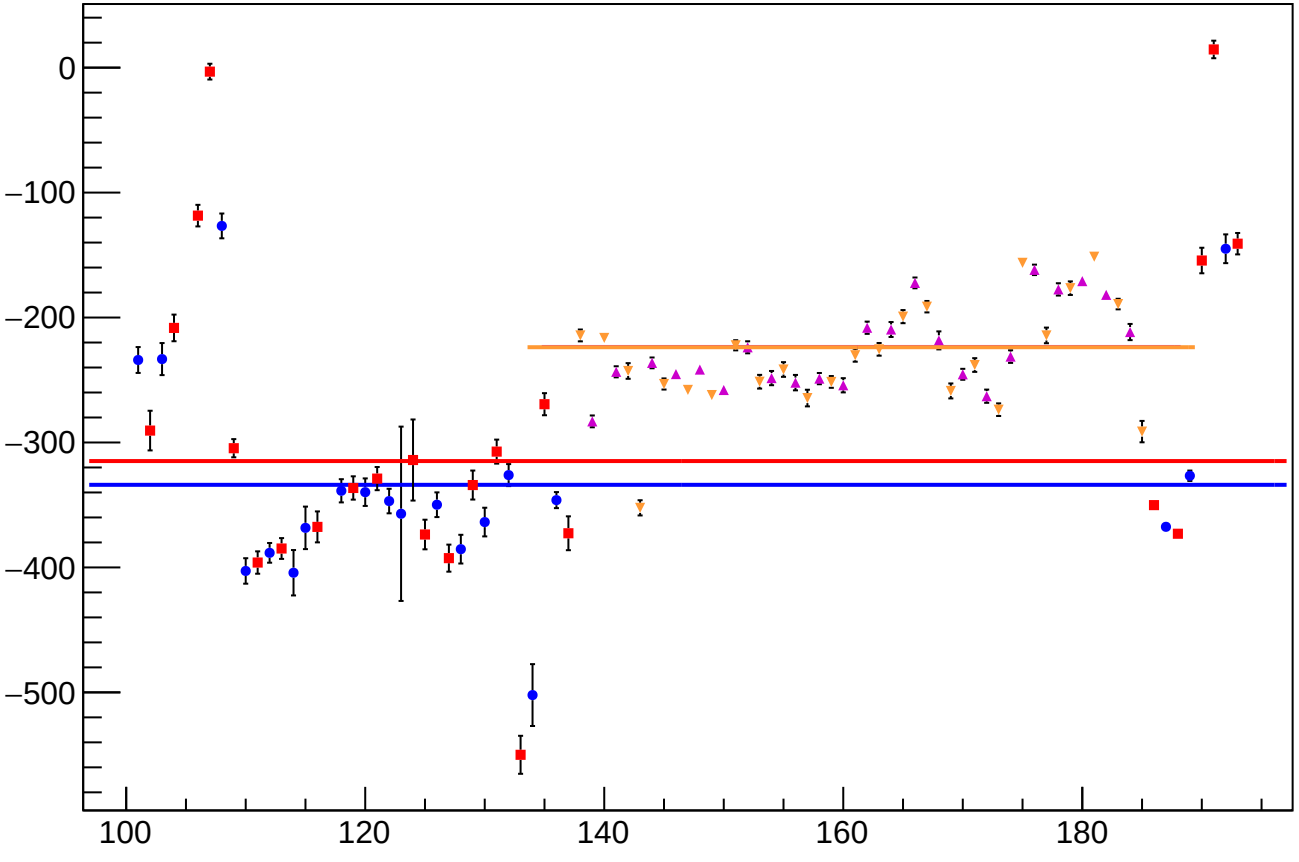
Right: 10.893+/-0.847 χ^2/NDF: 1398.9/42

In: 9.072+/-0.641 χ^2/NDF:1156.7/42

Out: 6.191+/-0.601 χ^2/NDF:1430.2/47

All: 7.539+/-0.438 χ^2/NDF: 2597.6/90

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -333.885+/-1.886 χ^2/NDF: 1129.1/19

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -314.868+/-1.329 χ^2/NDF: 7405.1/22

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

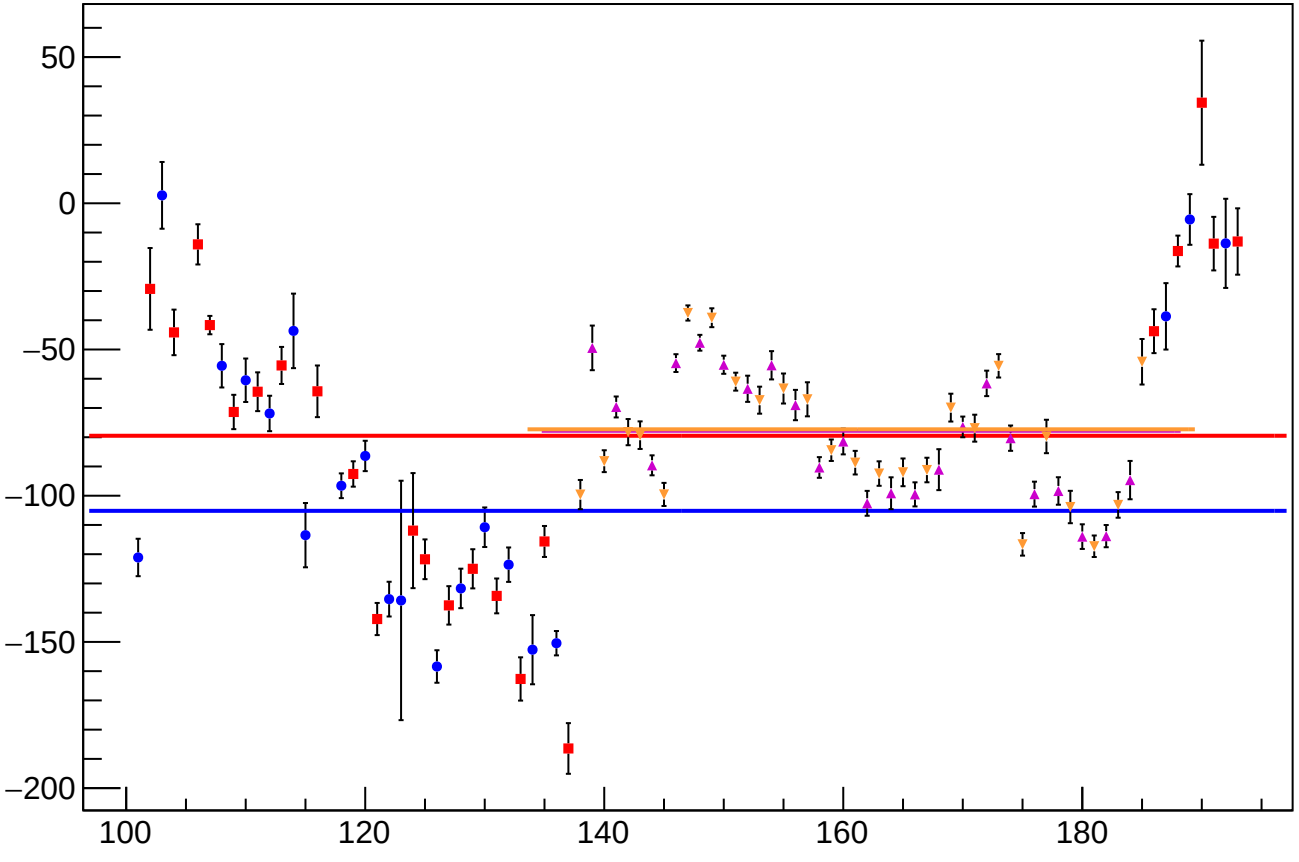
Right: -321.180+/-1.087 χ^2/NDF: 8602.0/42

In: -246.464+/-0.860 χ^2/NDF:5126.6/42

Out: -254.891+/-0.777 χ^2/NDF:12518.4/47

All: -251.100+/-0.576 χ^2/NDF: 17697.9/90

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.176+/-1.530 χ^2/NDF: 728.6/19

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -79.499+/-1.335 χ^2/NDF: 1289.1/22

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

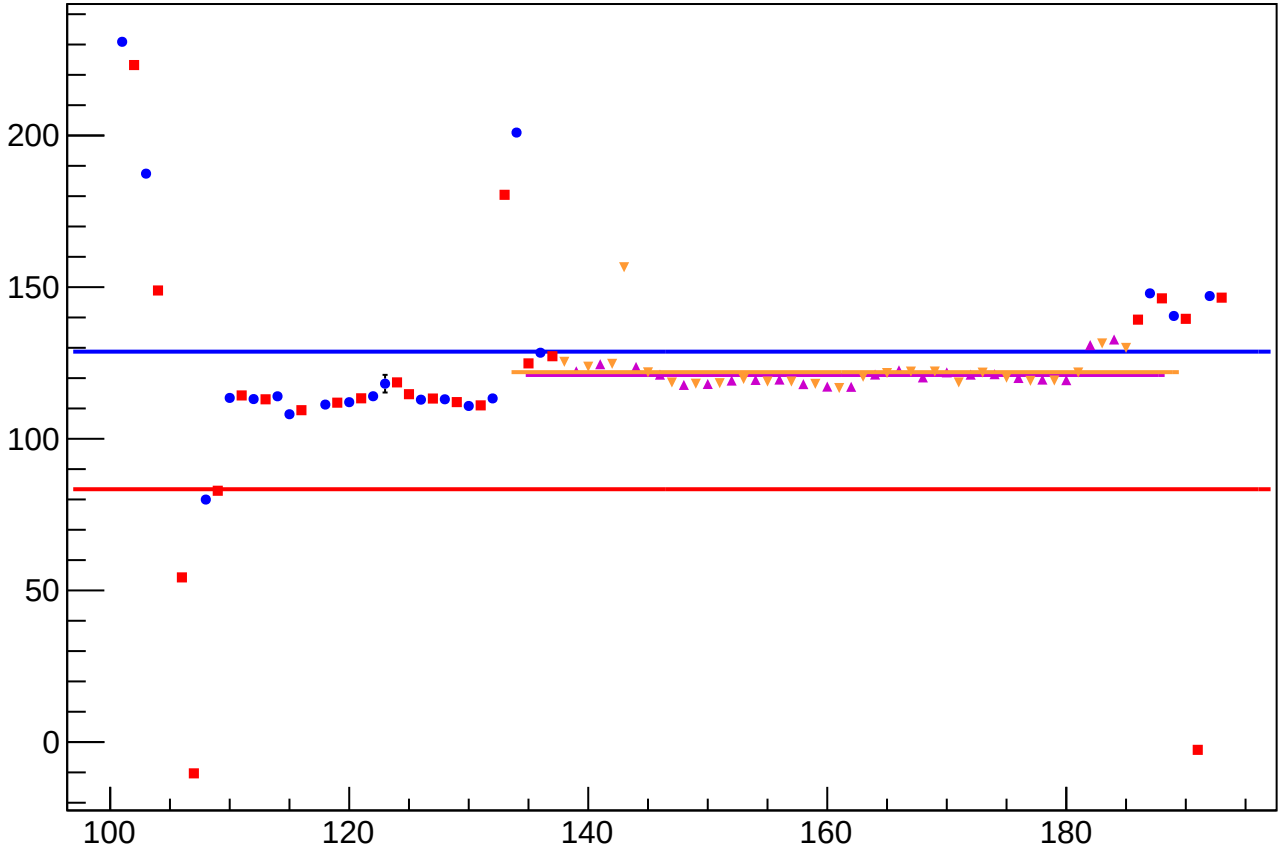
Right: -90.602+/-1.006 χ^2/NDF: 2177.5/42

In: -84.201+/-0.741 χ^2/NDF:1598.5/42

Out: -77.909+/-0.704 χ^2/NDF:2135.7/47

All: -80.895+/-0.510 χ^2/NDF: 3772.1/90

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.734+/-0.085 χ^2/NDF: 191532.1/19

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 83.370+/-0.068 χ^2/NDF: 967019.8/22

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

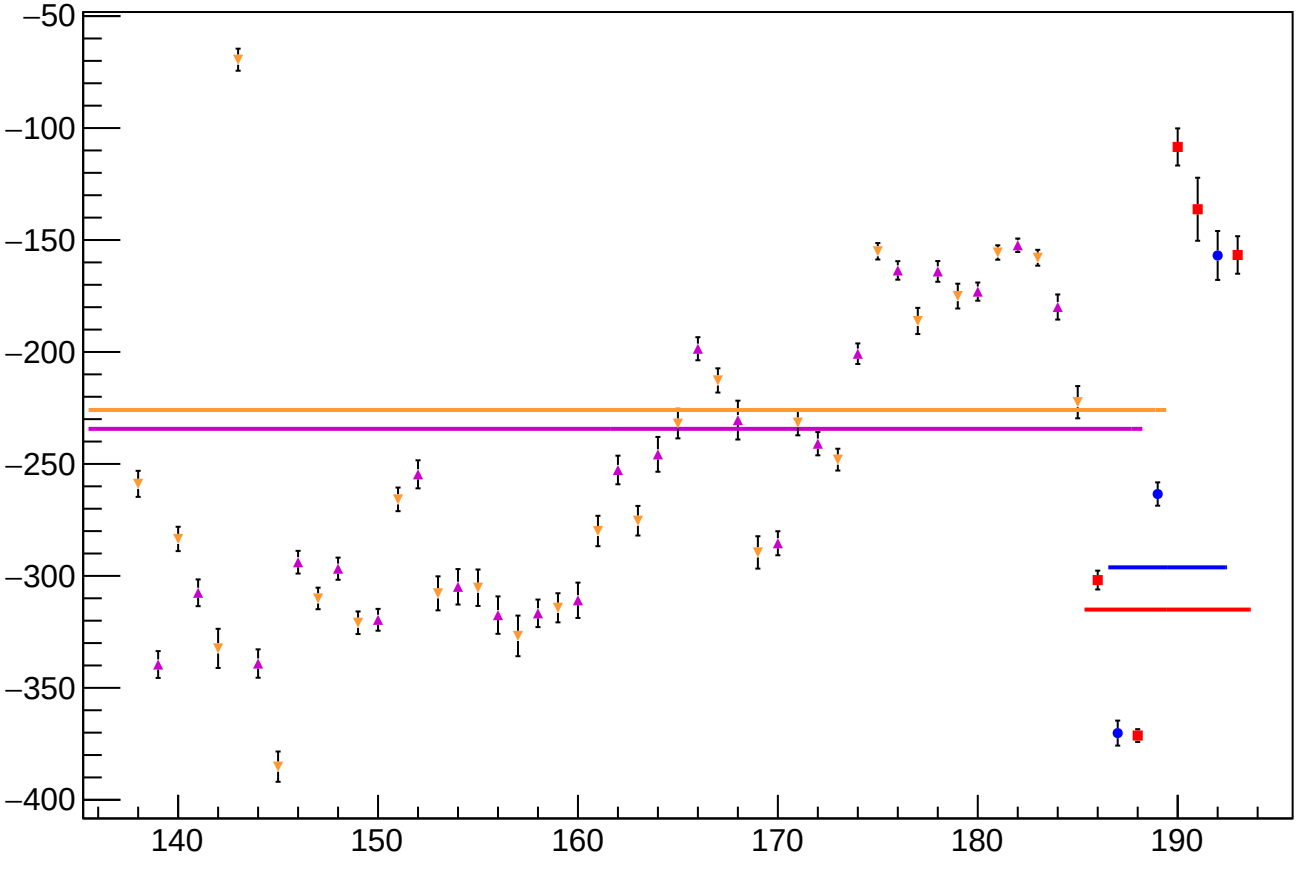
Right: 101.051+/-0.053 χ^2/NDF: 1333012.7/42

In: 122.419+/-0.036 χ^2/NDF:206180.9/42

Out: 112.194+/-0.034 χ^2/NDF:1236464.5/47

All: 117.054+/-0.025 χ^2/NDF: 1485314.8/90

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -296.184+/-3.596 χ^2/NDF: 377.8/2

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -315.041+/-2.165 χ^2/NDF: 1539.4/4

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

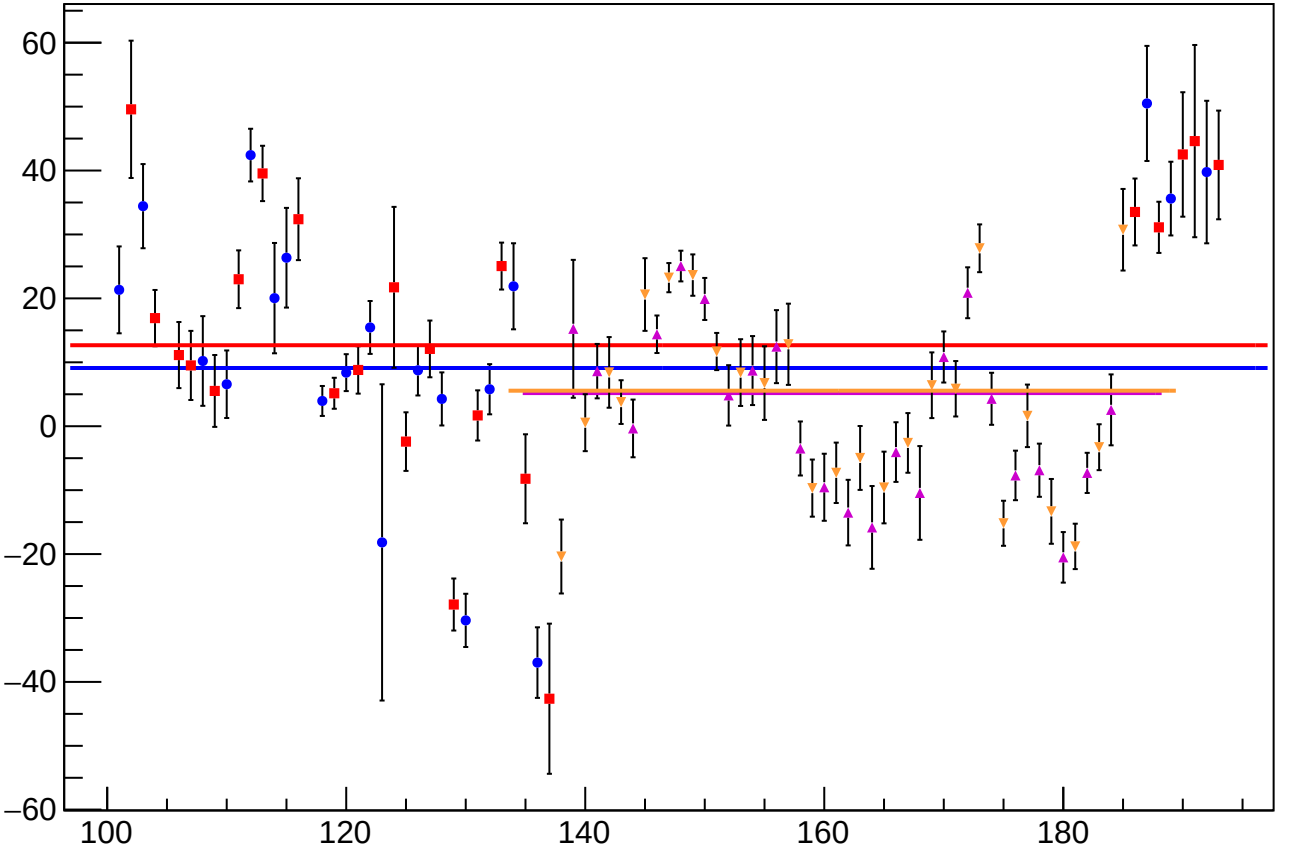
Right: -310.025+/-1.855 χ^2/NDF: 1937.3/7

In: -239.657+/-1.056 χ^2/NDF:4240.0/25

Out: -243.760+/-0.969 χ^2/NDF:7564.3/29

All: -241.884+/-0.714 χ^2/NDF: 11812.5/55

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.109+/-1.053 χ^2/NDF: 313.7/19

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 12.671+/-1.003 χ^2/NDF: 301.8/22

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

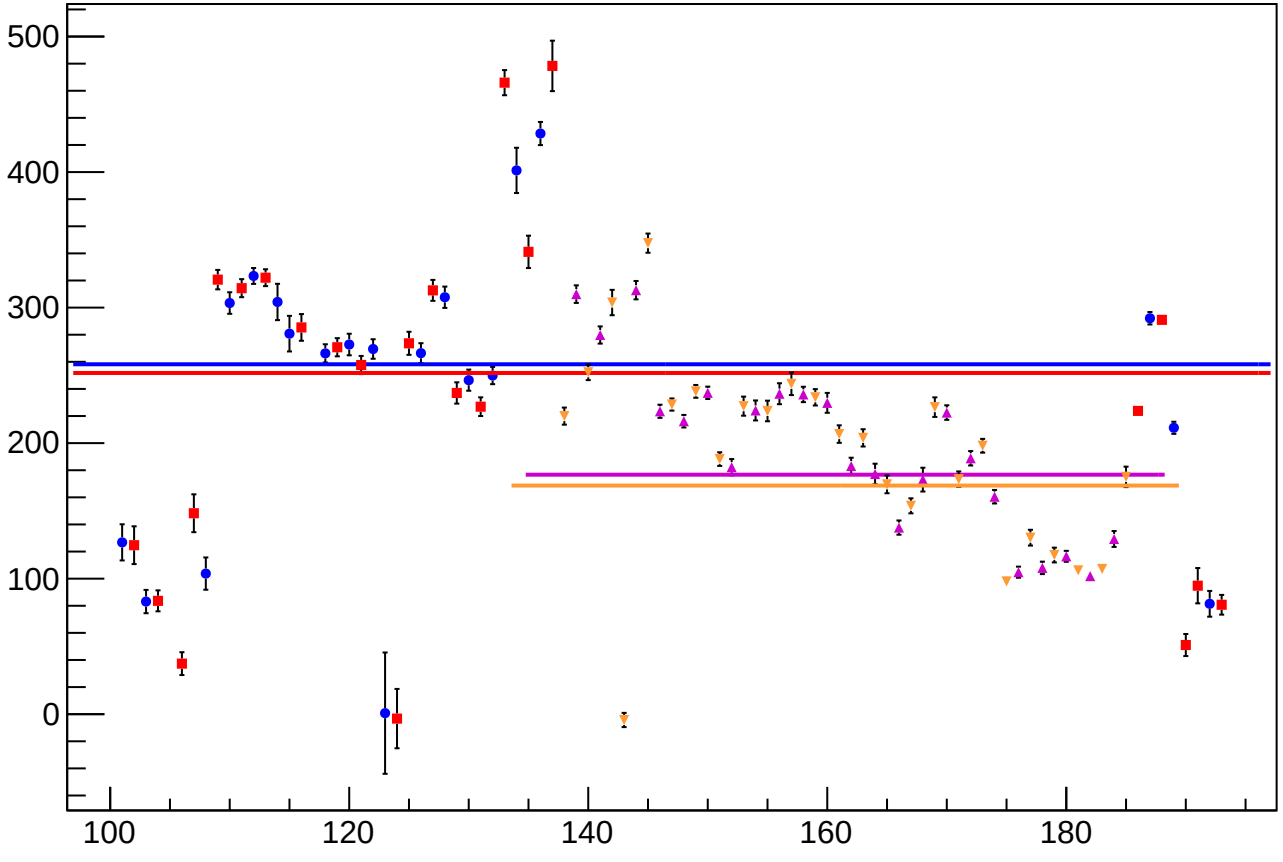
Right: 10.976+/-0.726 χ^2/NDF: 621.5/42

In: 6.771+/-0.669 χ^2/NDF:565.1/42

Out: 8.456+/-0.640 χ^2/NDF:645.0/47

All: 7.650+/-0.463 χ^2/NDF: 1213.5/90

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 258.186+/-1.710 χ^2/NDF: 1915.7/19

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 251.763+/-1.322 χ^2/NDF: 4209.5/22

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

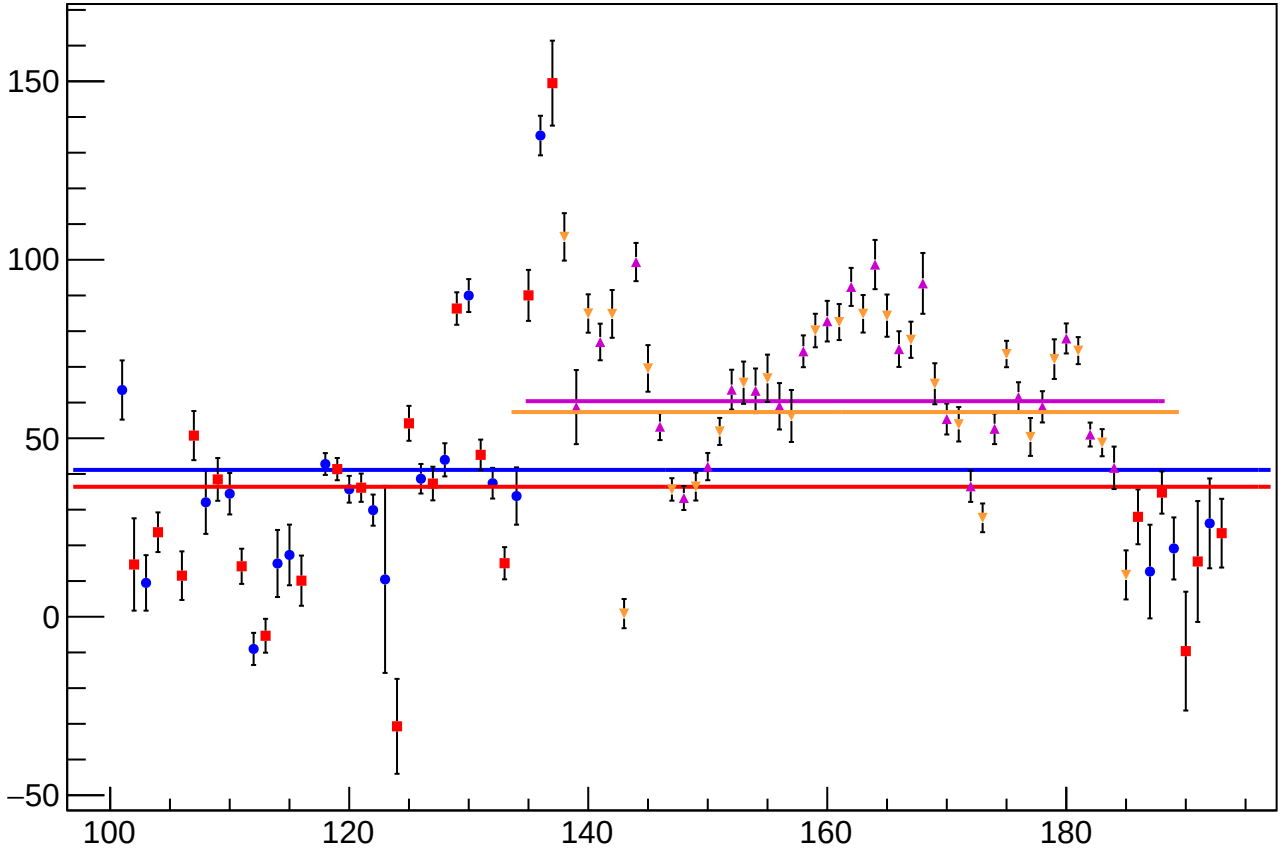
Right: 254.165+/-1.046 χ^2/NDF: 6134.0/42

In: 200.607+/-0.926 χ^2/NDF:6753.6/42

Out: 202.189+/-0.839 χ^2/NDF:10804.5/47

All: 201.476+/-0.622 χ^2/NDF: 17559.7/90

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.138+/-1.231 χ^2/NDF: 588.6/19

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 36.411+/-1.181 χ^2/NDF: 485.4/22

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

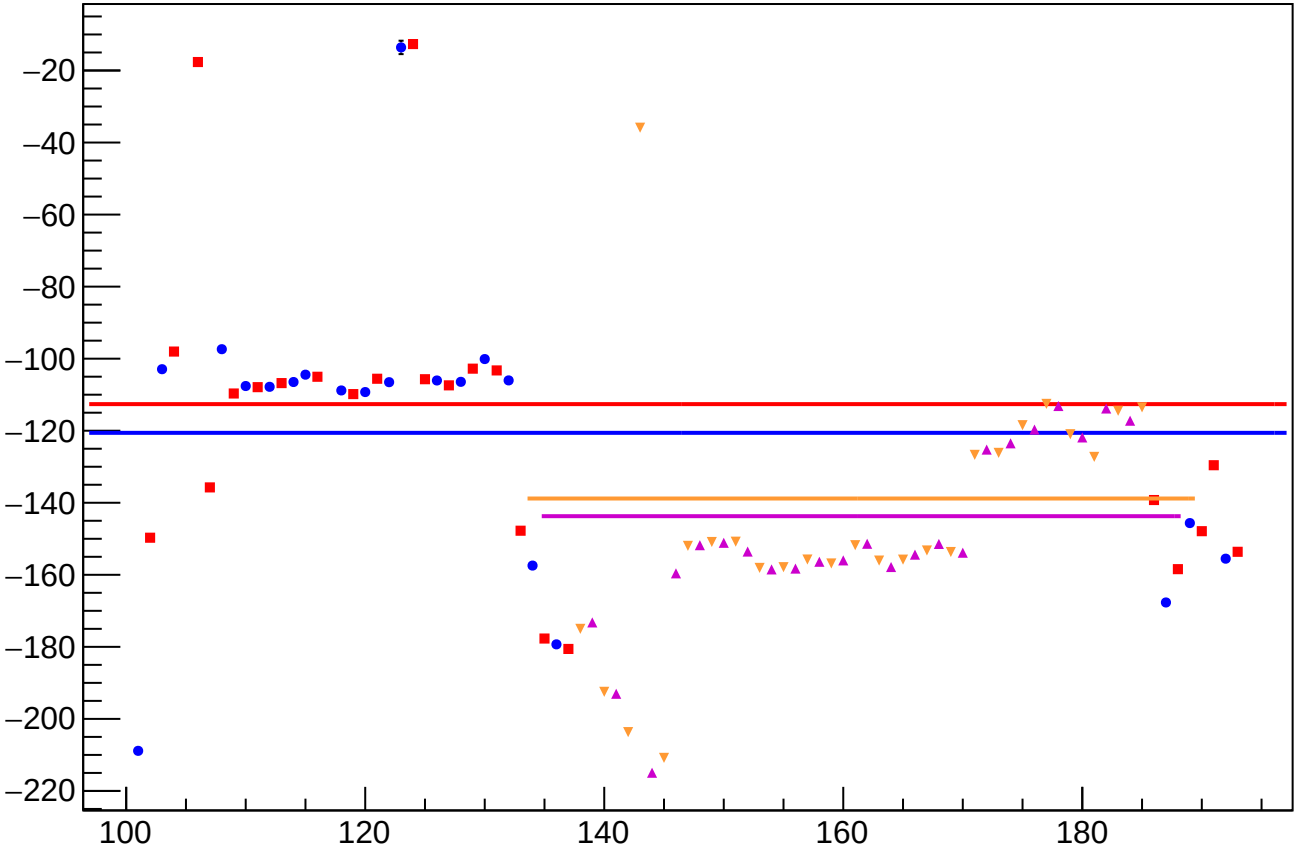
Right: 38.677+/-0.852 χ^2/NDF: 1081.6/42

In: 52.857+/-0.770 χ^2/NDF:1078.7/42

Out: 49.059+/-0.743 χ^2/NDF:1316.5/47

All: 50.891+/-0.535 χ^2/NDF: 2407.8/90

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -120.588+/-0.074 χ^2/NDF: 160305.9/19

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -112.617+/-0.067 χ^2/NDF: 379857.4/22

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

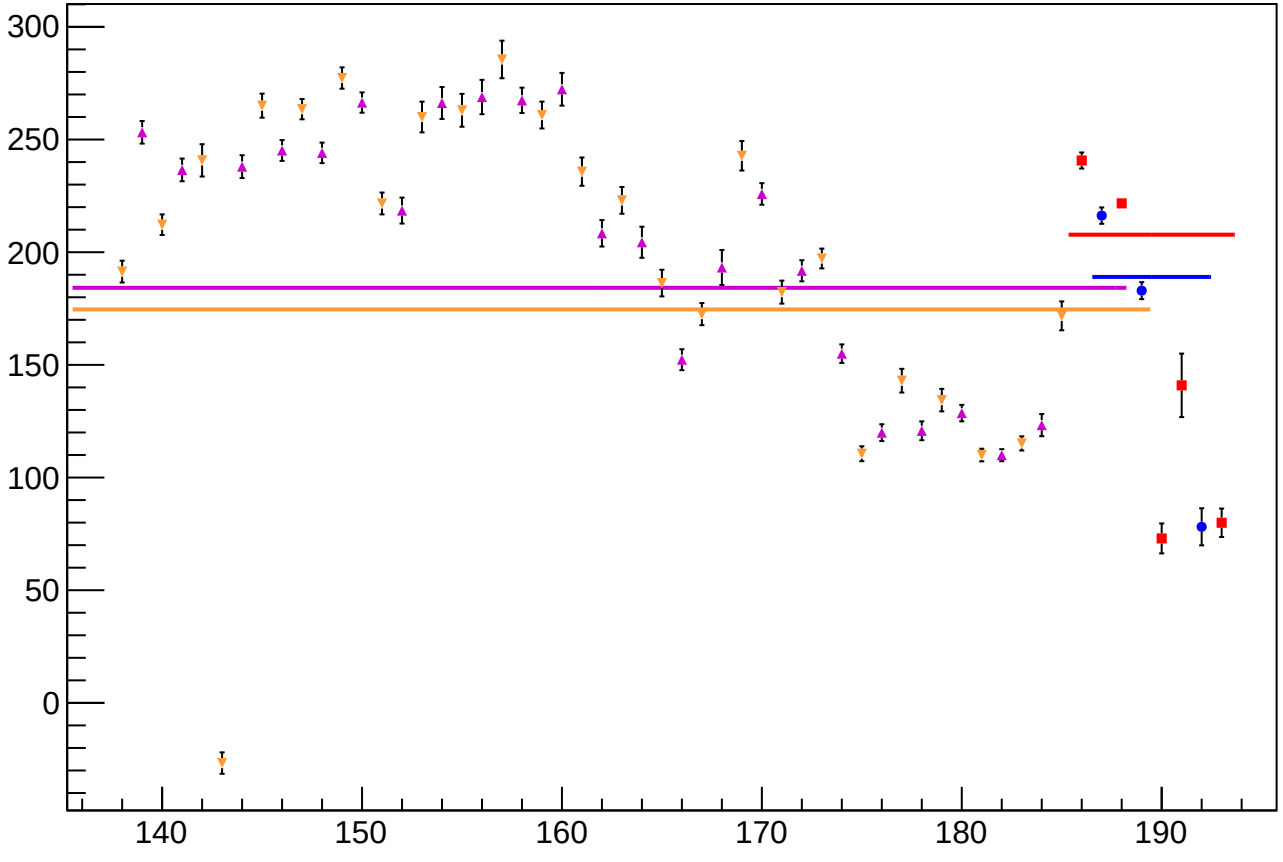
Right: -116.178+/-0.050 χ^2/NDF: 546504.7/42

In: -137.352+/-0.039 χ^2/NDF:491276.5/42

Out: -130.582+/-0.038 χ^2/NDF:1010584.7/47

All: -133.829+/-0.027 χ^2/NDF: 1517482.8/90

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 189.026+/-2.491 χ^2/NDF: 240.1/2

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 207.782+/-1.544 χ^2/NDF: 984.8/4

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

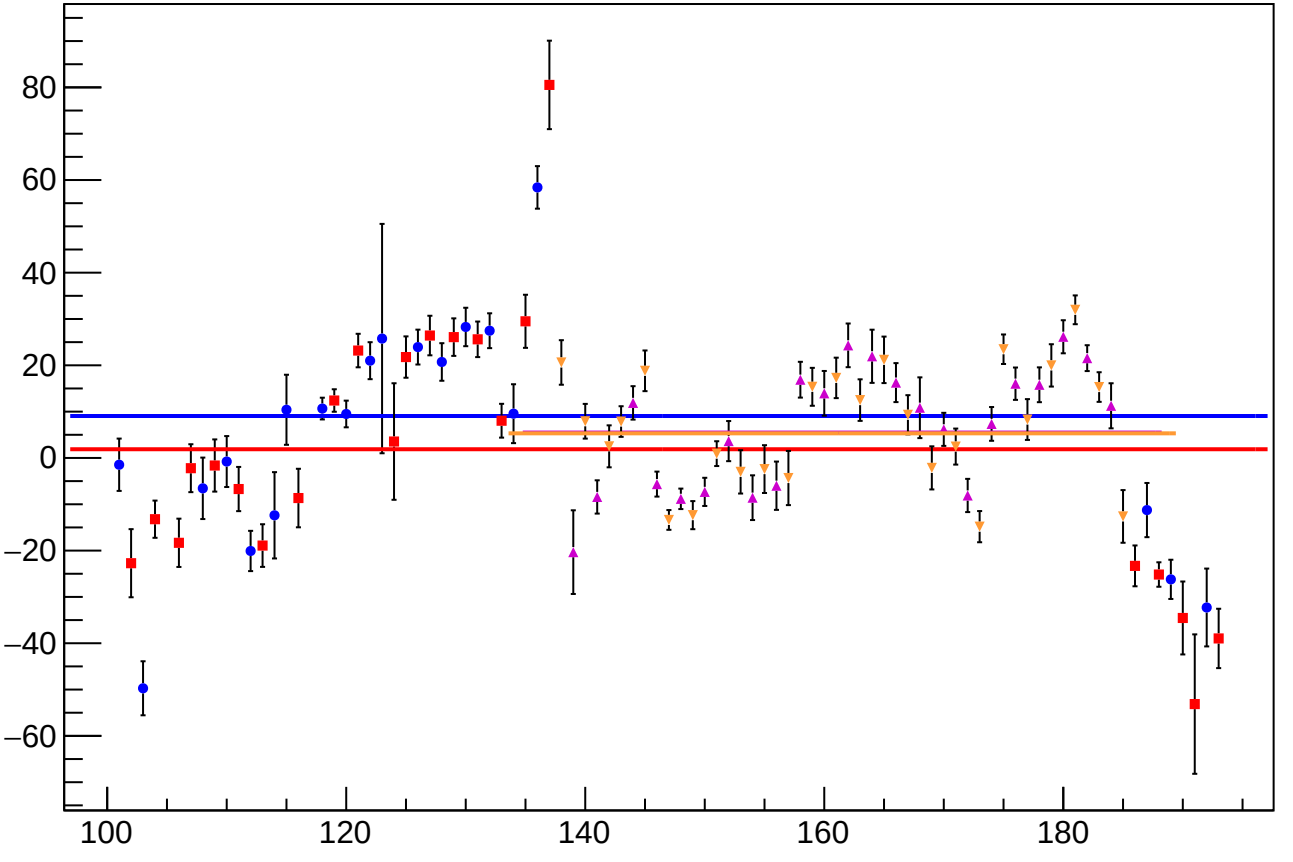
Right: 202.579+/-1.312 χ^2/NDF: 1265.9/7

In: 184.859+/-0.917 χ^2/NDF:3880.4/25

Out: 183.988+/-0.821 χ^2/NDF:6867.3/29

All: 184.375+/-0.612 χ^2/NDF: 10748.2/55

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.055+/-1.002 χ^2/NDF: 464.4/19

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 1.881+/-0.935 χ^2/NDF: 555.0/22

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

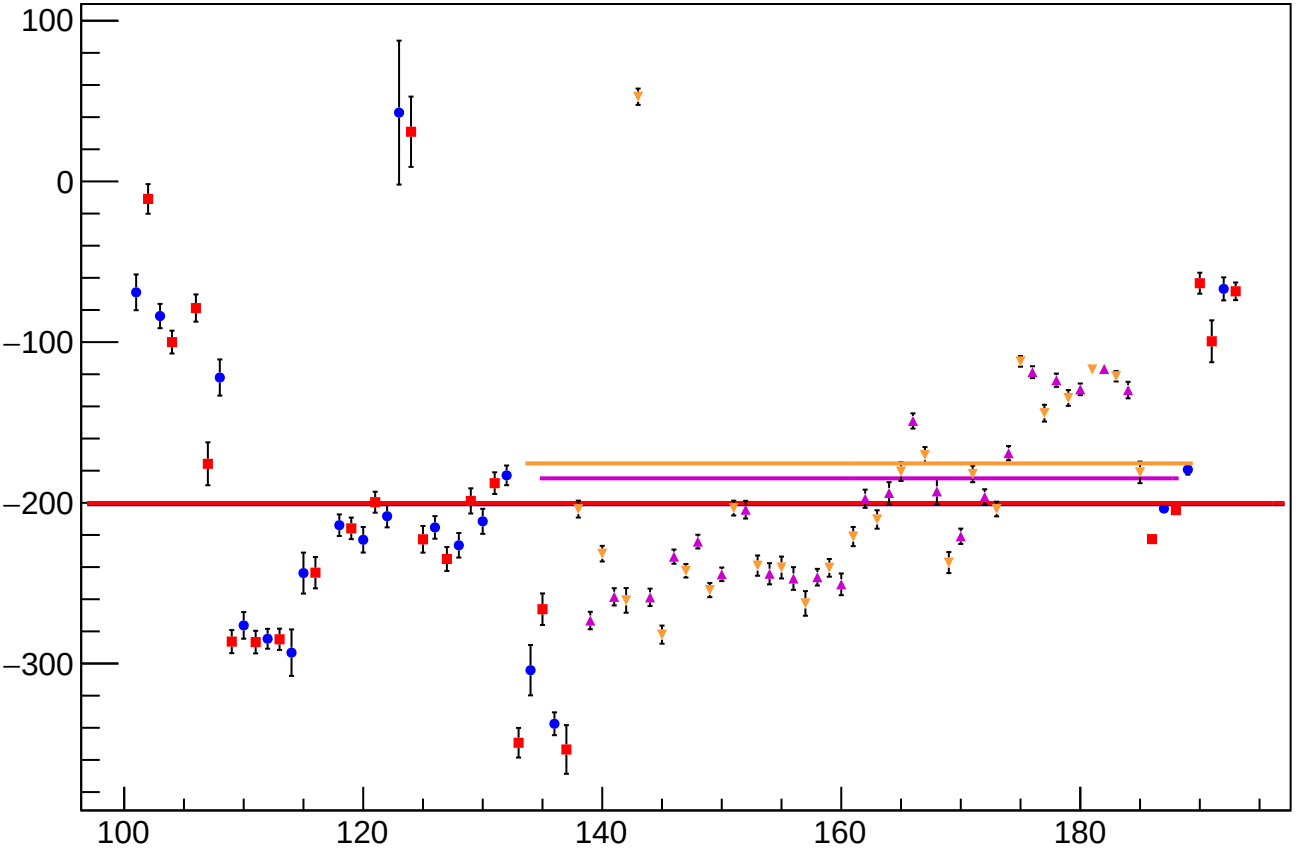
Right: 5.219+/-0.683 χ^2/NDF: 1046.8/42

In: 6.829+/-0.615 χ^2/NDF:731.4/42

Out: 3.968+/-0.585 χ^2/NDF:908.3/47

All: 5.328+/-0.424 χ^2/NDF: 1651.1/90

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -200.915+/-1.443 χ^2/NDF: 1624.6/19

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -200.087+/-1.054 χ^2/NDF: 3014.2/22

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

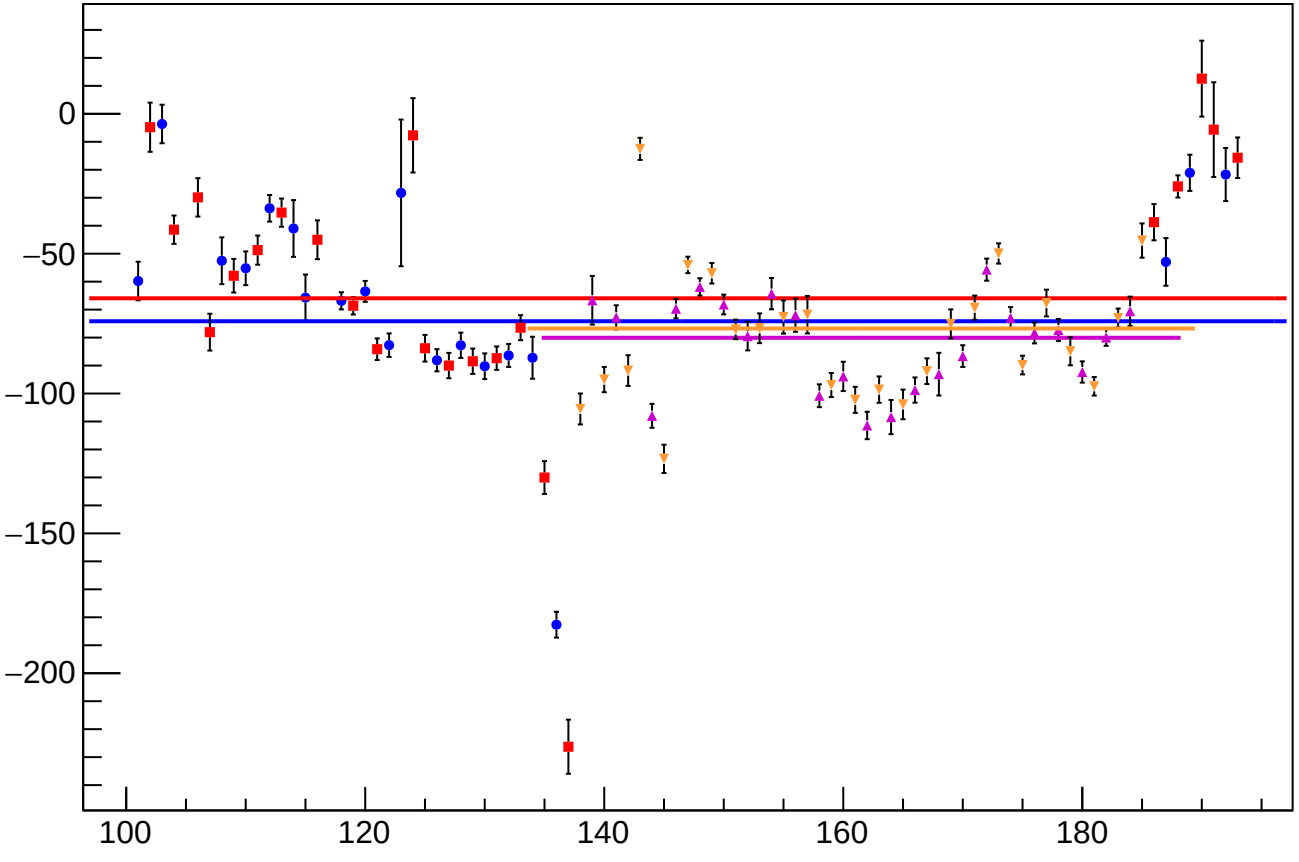
Right: -200.375+/-0.851 χ^2/NDF: 4639.0/42

In: -189.920+/-0.814 χ^2/NDF:4792.3/42

Out: -186.810+/-0.715 χ^2/NDF:8412.3/47

All: -188.164+/-0.537 χ^2/NDF: 13212.9/90

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -74.156+/-1.177 χ^2/NDF: 928.1/19

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -65.951+/-1.118 χ^2/NDF: 909.6/22

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

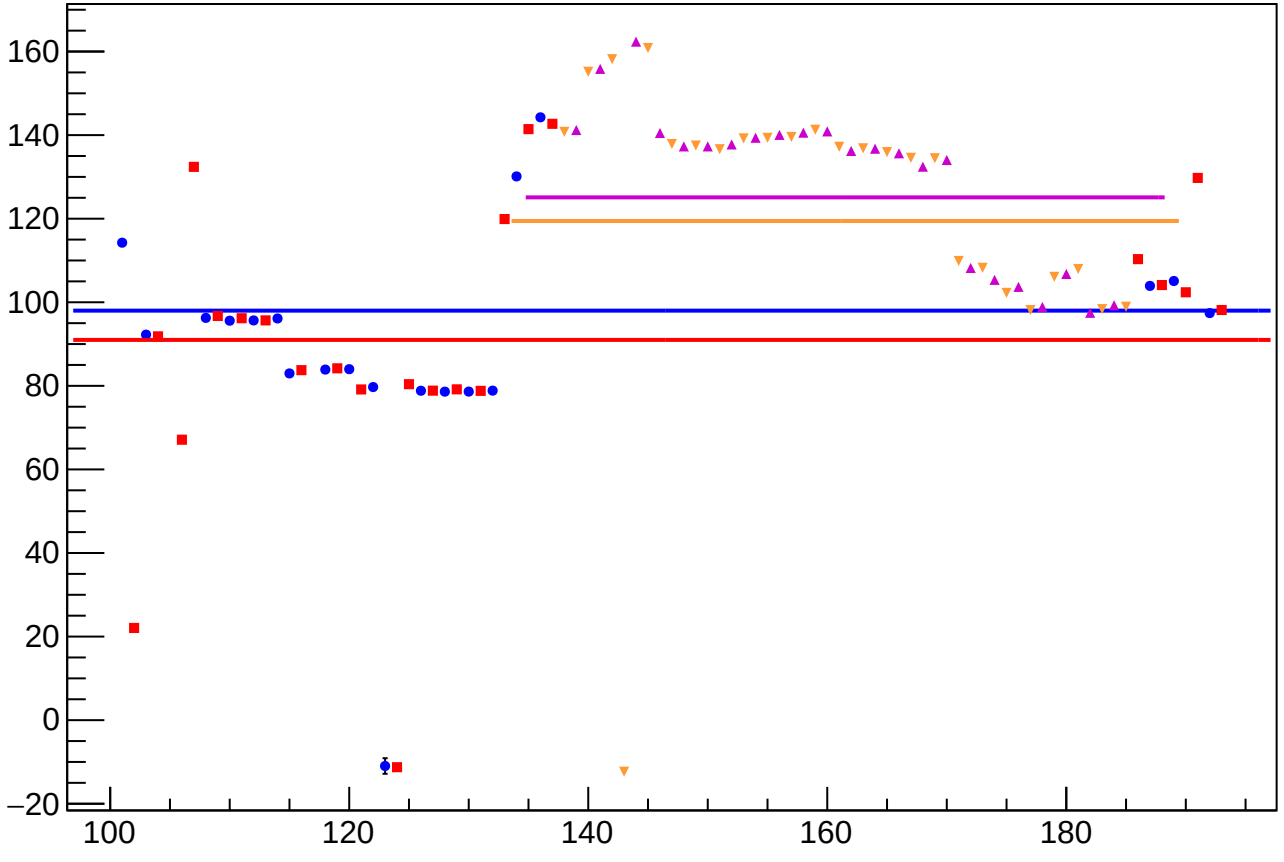
Right: -69.842+/-0.811 χ^2/NDF: 1863.2/42

In: -77.930+/-0.708 χ^2/NDF:1231.0/42

Out: -72.731+/-0.682 χ^2/NDF:1714.9/47

All: -75.233+/-0.491 χ^2/NDF: 2973.9/90

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.998+/-0.068 χ^2/NDF: 95274.9/19

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 90.993+/-0.061 χ^2/NDF: 239189.6/22

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

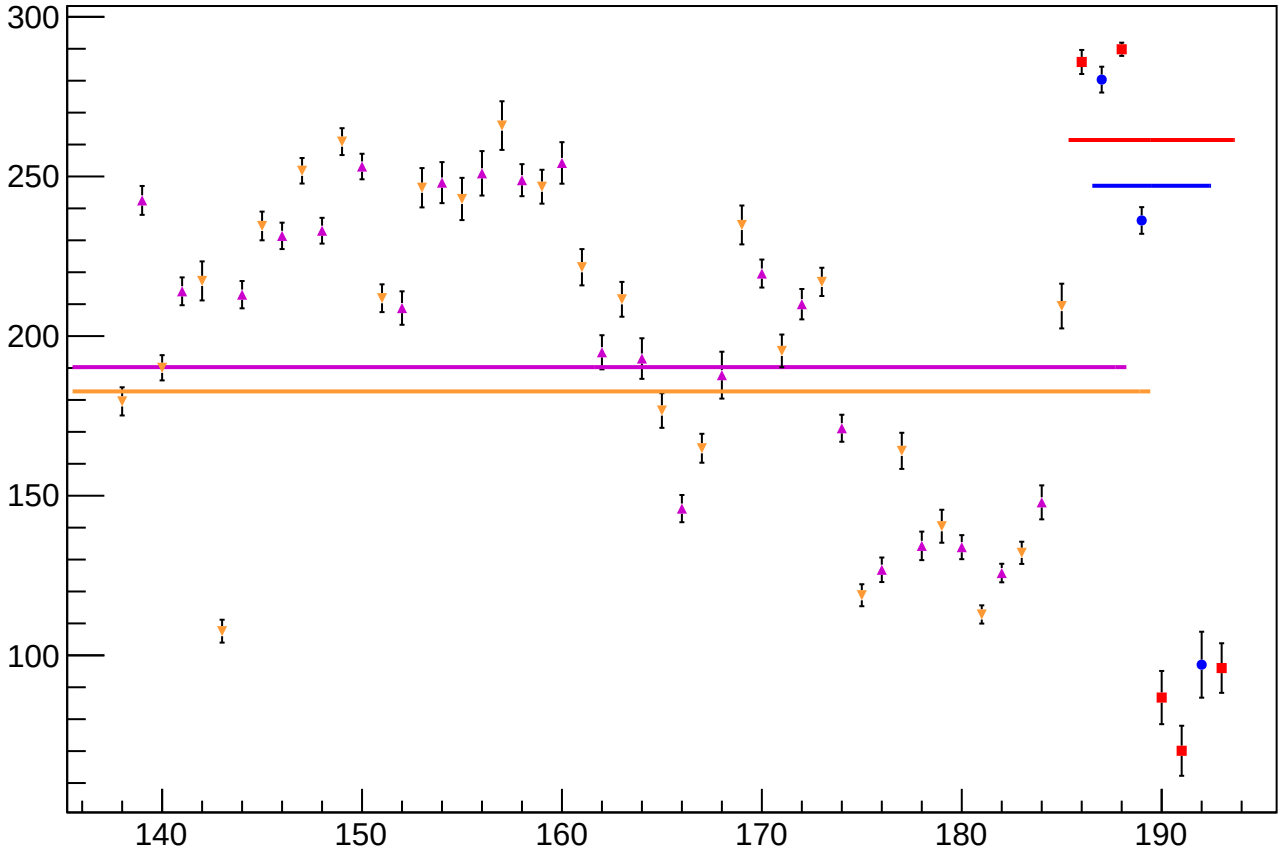
Right: 94.073+/-0.045 χ^2/NDF: 340333.3/42

In: 117.919+/-0.035 χ^2/NDF:433315.5/42

Out: 110.631+/-0.034 χ^2/NDF:1051264.4/47

All: 114.118+/-0.024 χ^2/NDF: 1506892.0/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 247.088+/-2.797 χ^2/NDF: 285.2/2

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 261.421+/-1.687 χ^2/NDF: 1719.2/4

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

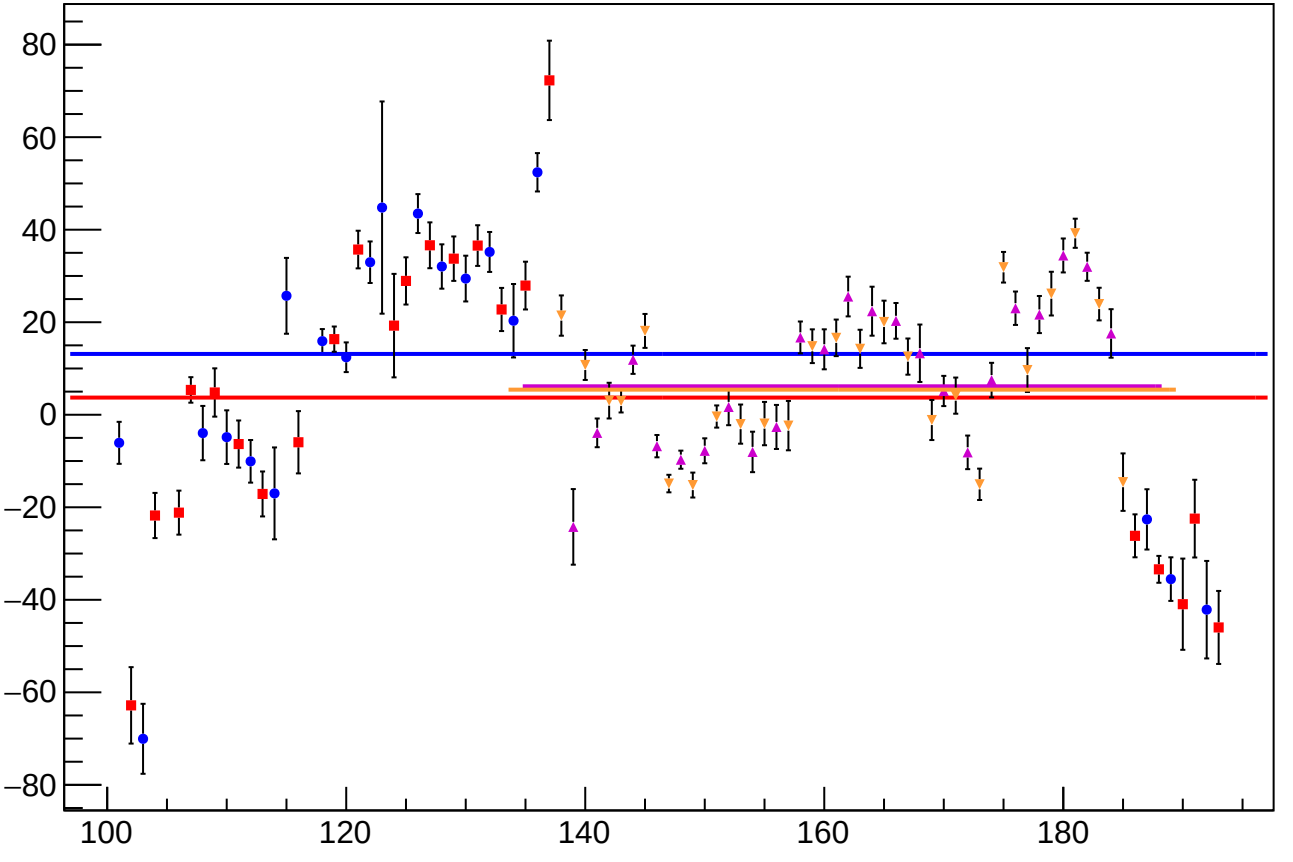
Right: 257.600+/-1.444 χ^2/NDF: 2023.7/7

In: 196.142+/-0.899 χ^2/NDF:3108.0/25

Out: 200.686+/-0.807 χ^2/NDF:6631.3/29

All: 198.658+/-0.600 χ^2/NDF: 9753.4/55

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.144+/-1.092 χ^2/NDF: 575.9/19

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 3.711+/-0.975 χ^2/NDF: 770.0/22

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

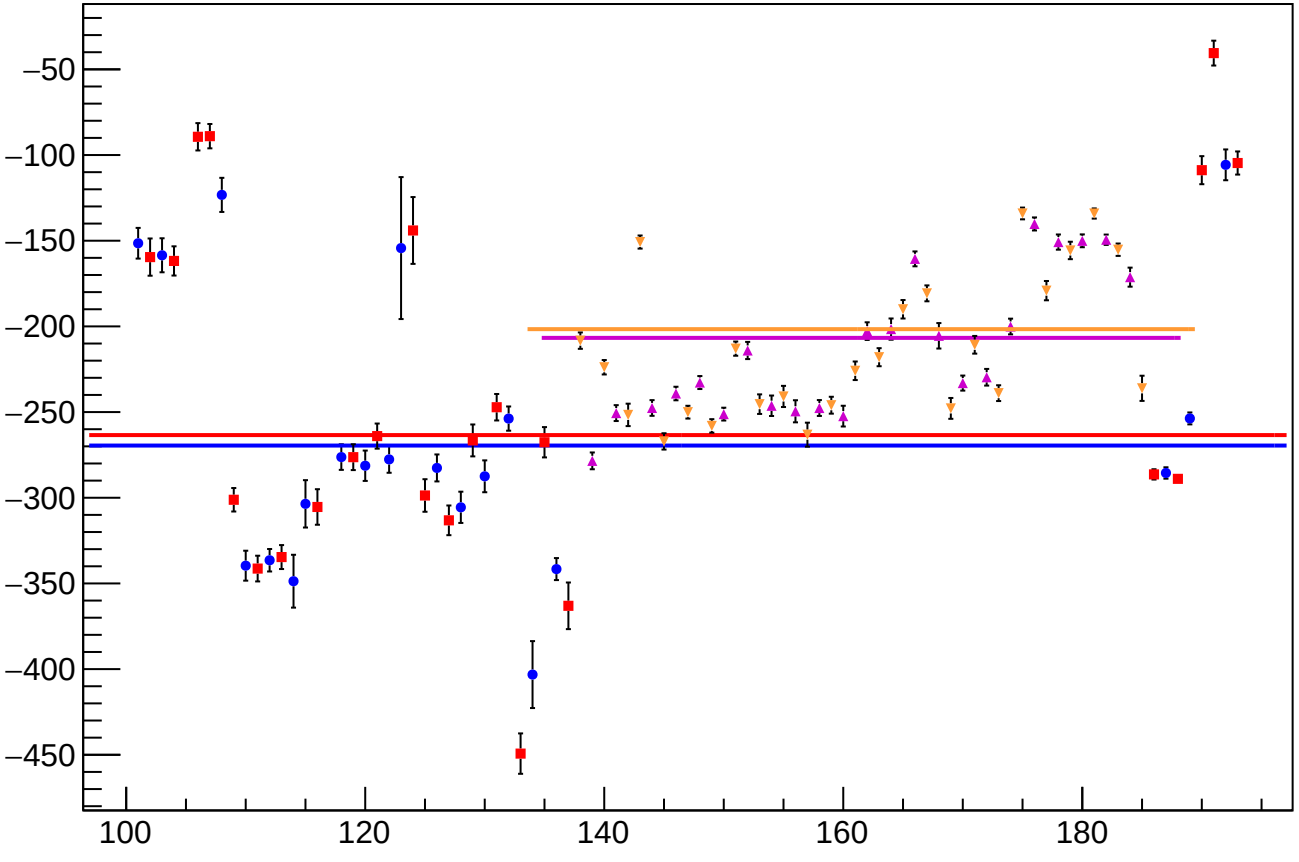
Right: 7.896+/-0.727 χ^2/NDF: 1387.4/42

In: 8.310+/-0.607 χ^2/NDF:1014.8/42

Out: 4.850+/-0.565 χ^2/NDF:1297.3/47

All: 6.456+/-0.413 χ^2/NDF: 2329.4/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -269.536+/-1.585 χ^2/NDF: 1303.2/19

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -263.429+/-1.138 χ^2/NDF: 4113.7/22

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

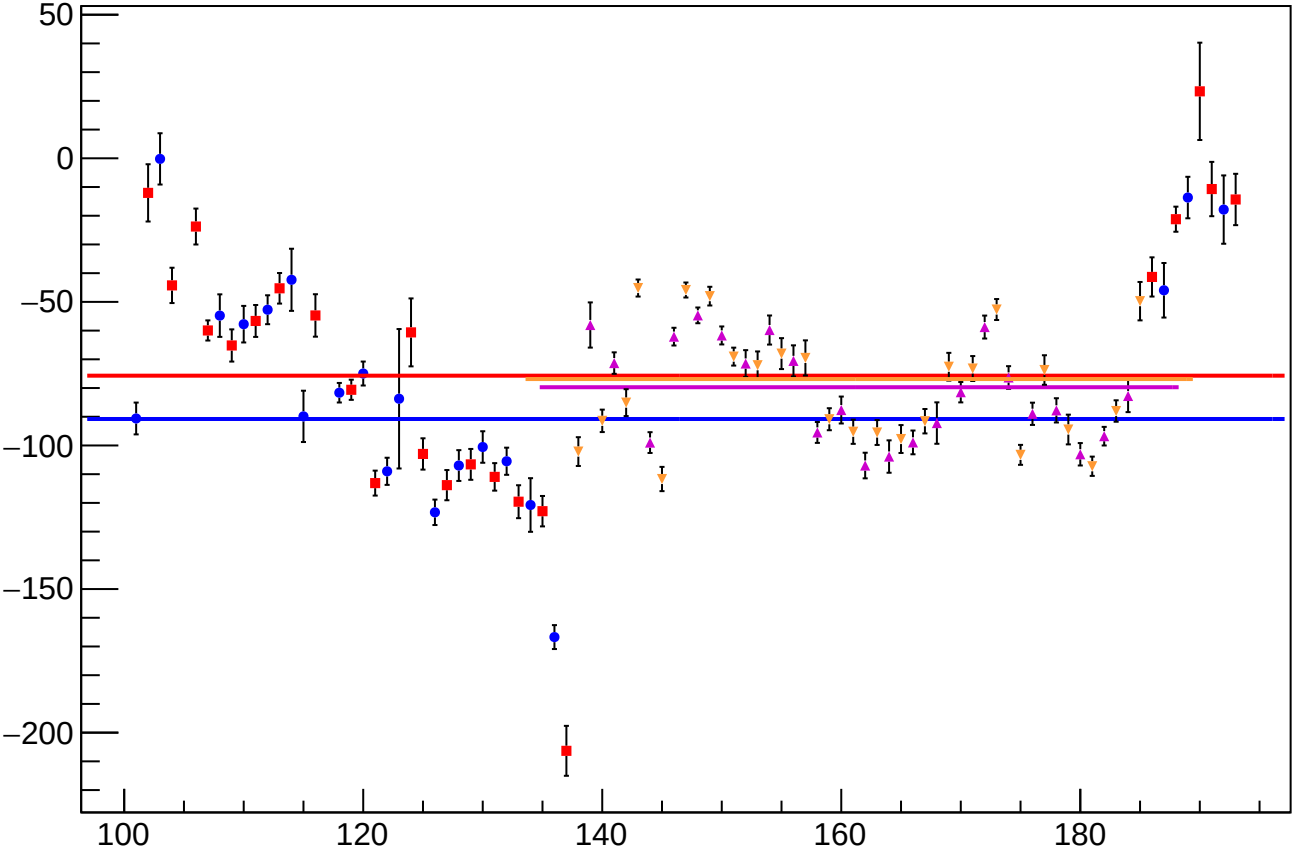
Right: -265.506+/-0.924 χ^2/NDF: 5426.8/42

In: -223.212+/-0.812 χ^2/NDF:4597.3/42

Out: -226.129+/-0.717 χ^2/NDF:8357.5/47

All: -224.853+/-0.537 χ^2/NDF: 12962.0/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -90.781+/-1.281 χ^2/NDF: 859.6/19

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -75.695+/-1.170 χ^2/NDF: 1127.6/22

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

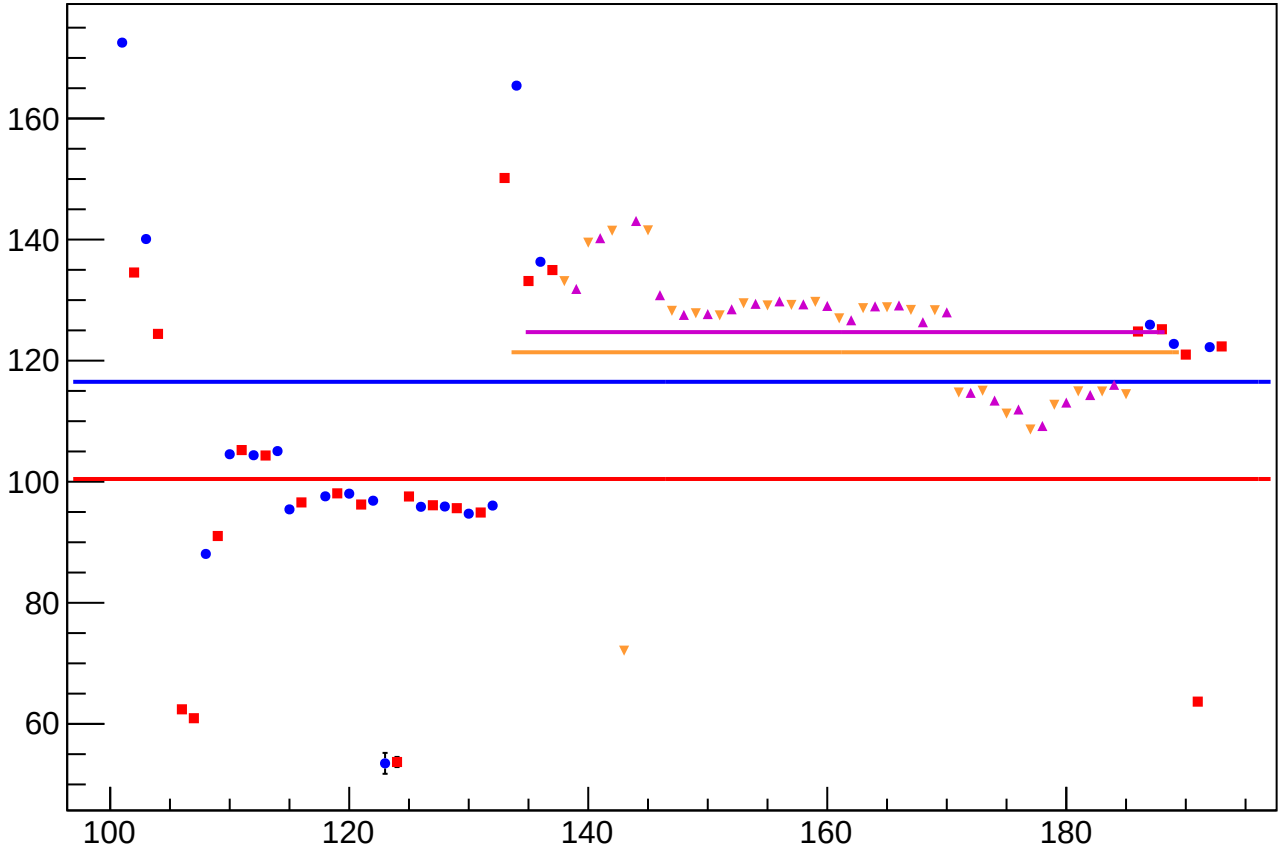
Right: -82.552+/-0.864 χ^2/NDF: 2062.7/42

In: -83.030+/-0.701 χ^2/NDF:1326.9/42

Out: -76.494+/-0.661 χ^2/NDF:1887.0/47

All: -79.572+/-0.481 χ^2/NDF: 3259.9/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.505+/-0.074 χ^2/NDF: 107374.8/19

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 100.453+/-0.061 χ^2/NDF: 212409.9/22

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

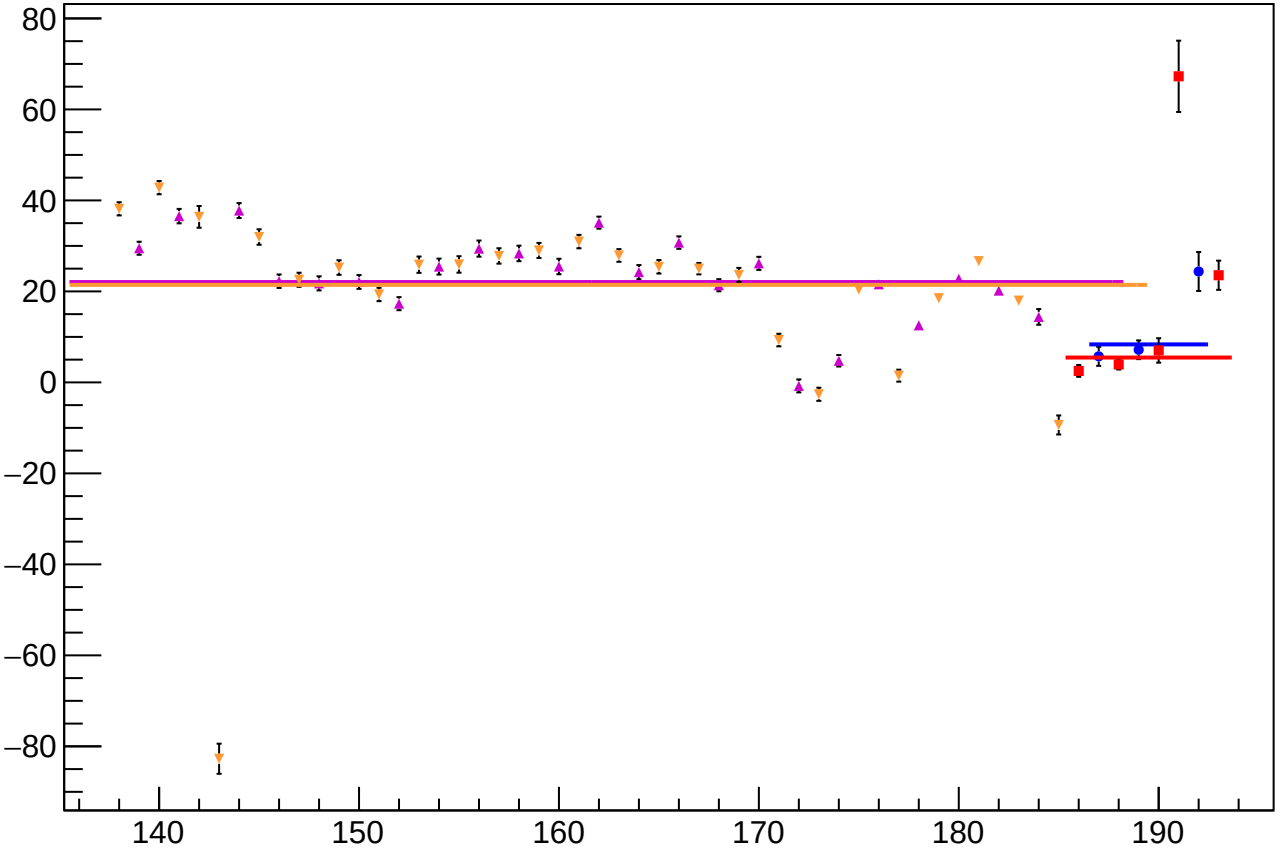
Right: 107.018+/-0.047 χ^2/NDF: 347775.7/42

In: 122.915+/-0.035 χ^2/NDF:168798.1/42

Out: 115.526+/-0.032 χ^2/NDF:461089.9/47

All: 118.992+/-0.024 χ^2/NDF: 654192.6/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.351+/-1.390 χ^2/NDF: 15.9/2

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 5.460+/-0.777 χ^2/NDF: 101.4/4

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

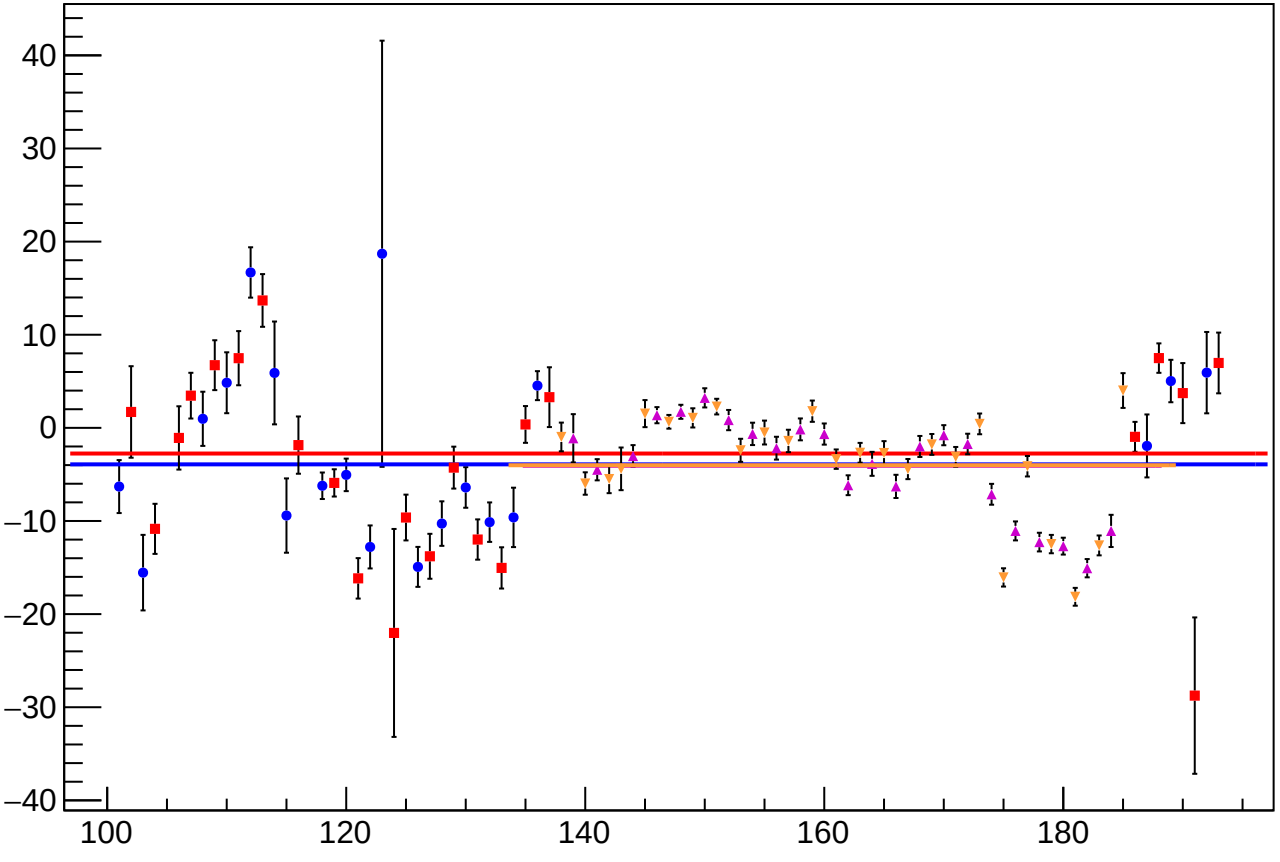
Right: 6.149+/-0.678 χ^2/NDF: 120.6/7

In: 21.504+/-0.278 χ^2/NDF:1050.5/25

Out: 19.570+/-0.266 χ^2/NDF:2880.6/29

All: 20.492+/-0.192 χ^2/NDF: 3956.3/55

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.919+/-0.550 χ^2/NDF: 197.7/19

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.757+/-0.506 χ^2/NDF: 271.0/22

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

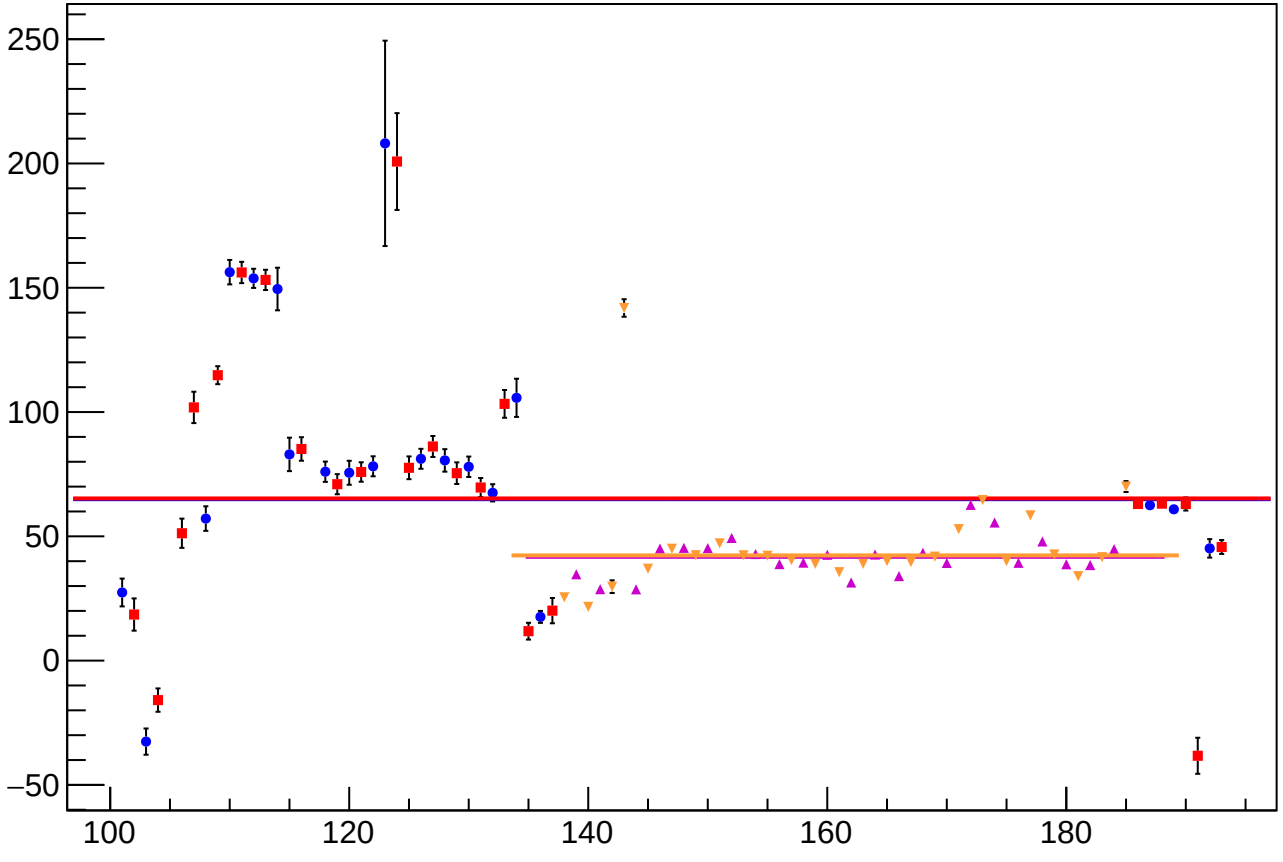
Right: -3.290+/-0.372 χ^2/NDF: 471.1/42

In: -4.047+/-0.210 χ^2/NDF:777.8/42

Out: -3.810+/-0.204 χ^2/NDF:1007.9/47

All: -3.925+/-0.146 χ^2/NDF: 1786.3/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 64.949+/-0.793 χ^2/NDF: 1897.8/19

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 65.241+/-0.548 χ^2/NDF: 2247.4/22

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

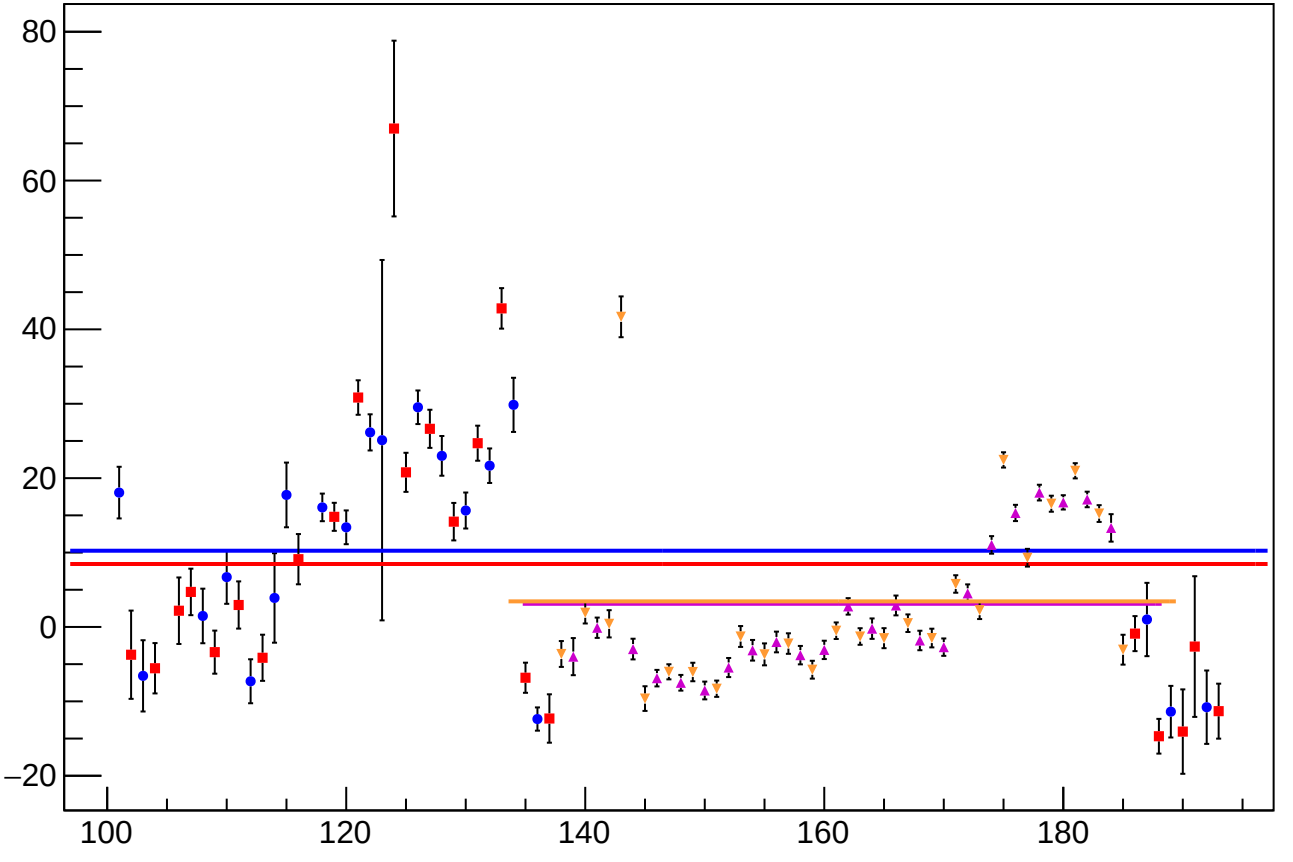
Right: 65.146+/-0.451 χ^2/NDF: 4145.3/42

In: 44.372+/-0.267 χ^2/NDF:3315.4/42

Out: 47.120+/-0.251 χ^2/NDF:5485.0/47

All: 45.830+/-0.183 χ^2/NDF: 8856.8/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.246+/-0.636 χ^2/NDF: 542.9/19

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 8.462+/-0.604 χ^2/NDF: 732.1/22

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

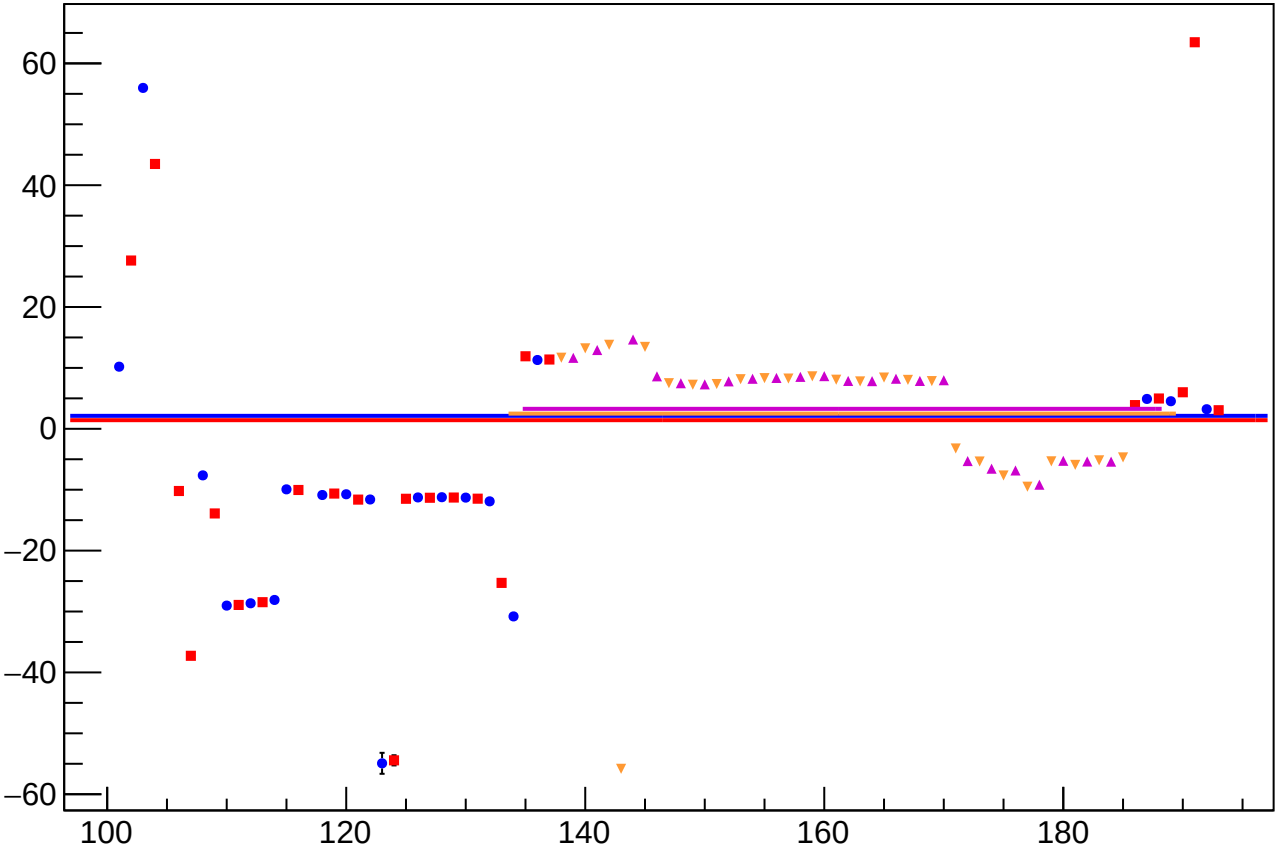
Right: 9.308+/-0.438 χ^2/NDF: 1279.2/42

In: 4.111+/-0.238 χ^2/NDF:1924.2/42

Out: 4.186+/-0.233 χ^2/NDF:2438.7/47

All: 4.149+/-0.166 χ^2/NDF: 4362.9/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.130+/-0.035 χ^2/NDF: 359904.8/19

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 1.416+/-0.032 χ^2/NDF: 422768.8/22

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

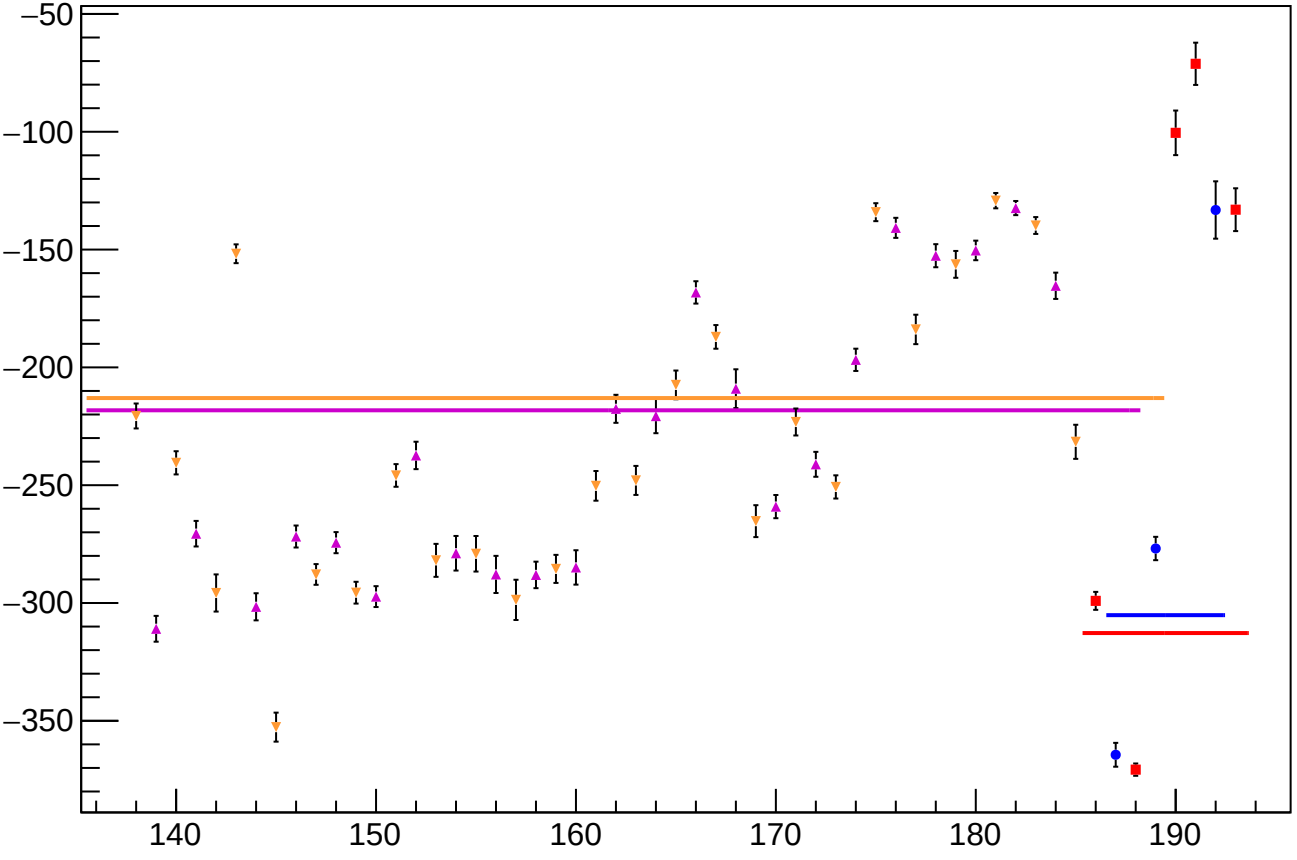
Right: 1.747+/-0.024 χ^2/NDF: 782901.5/42

In: 3.165+/-0.011 χ^2/NDF:770504.7/42

Out: 2.373+/-0.011 χ^2/NDF:1011903.4/47

All: 2.765+/-0.008 χ^2/NDF: 1785022.4/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -305.158+/-3.400 χ^2/NDF: 369.2/2

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -312.751+/-1.995 χ^2/NDF: 2126.1/4

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

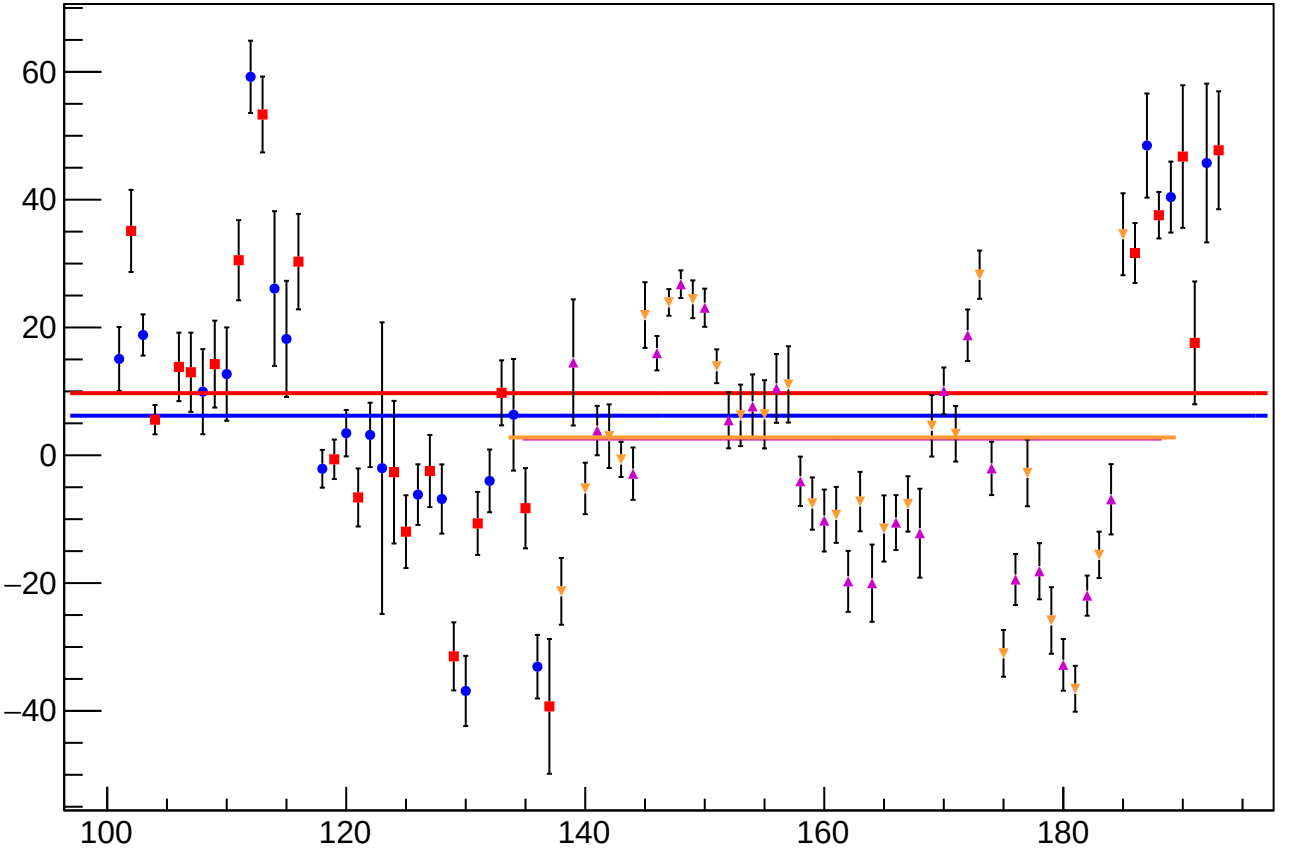
Right: -310.806+/-1.721 χ^2/NDF: 2499.0/7

In: -225.956+/-1.014 χ^2/NDF:4463.9/25

Out: -234.178+/-0.919 χ^2/NDF:7920.5/29

All: -230.472+/-0.681 χ^2/NDF: 12420.5/55

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.195+/-1.179 χ^2/NDF: 336.7/19

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 9.719+/-1.058 χ^2/NDF: 353.1/22

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

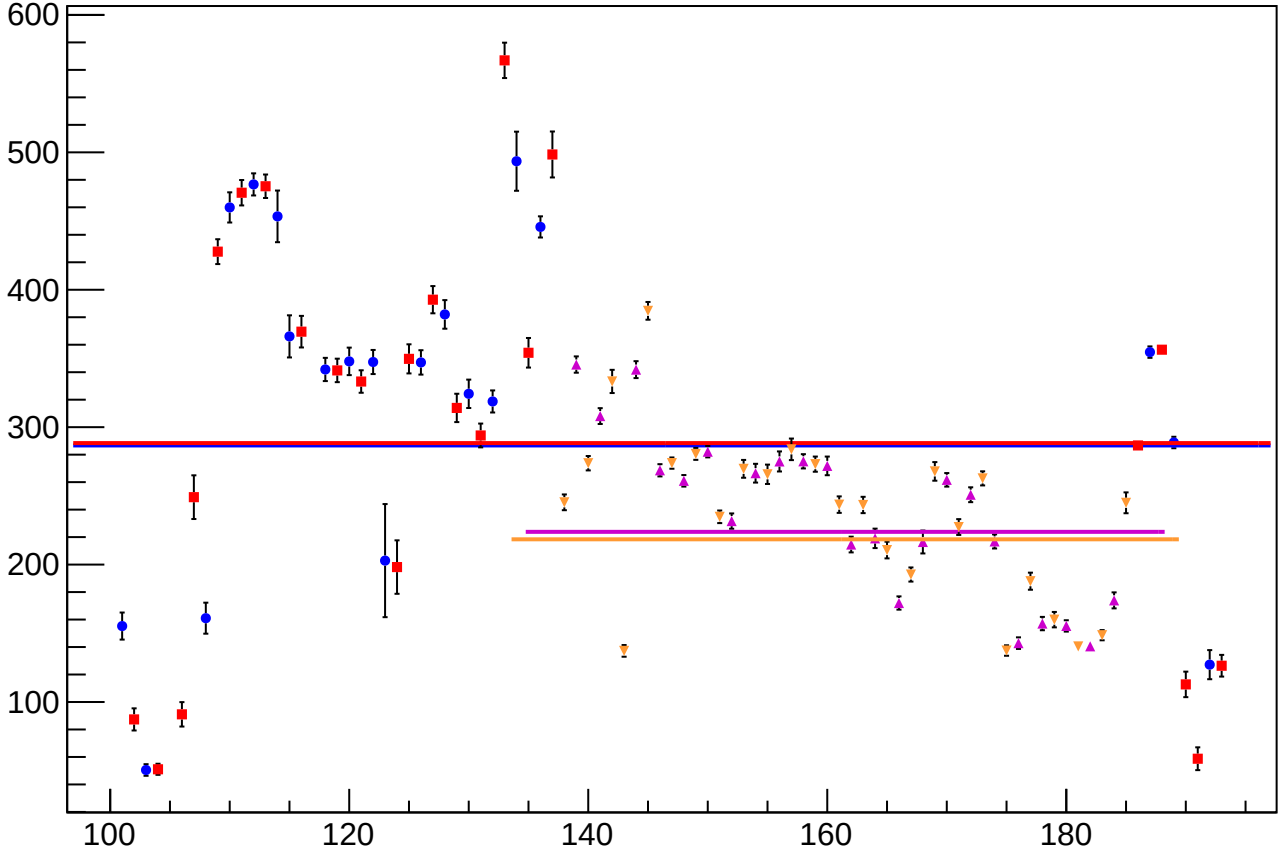
Right: 8.147+/-0.787 χ^2/NDF: 694.7/42

In: 3.786+/-0.673 χ^2/NDF:820.5/42

Out: 5.229+/-0.628 χ^2/NDF:963.0/47

All: 4.558+/-0.459 χ^2/NDF: 1785.9/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 286.701+/-1.734 χ^2/NDF: 5639.0/19

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 288.418+/-1.283 χ^2/NDF: 9235.9/22

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

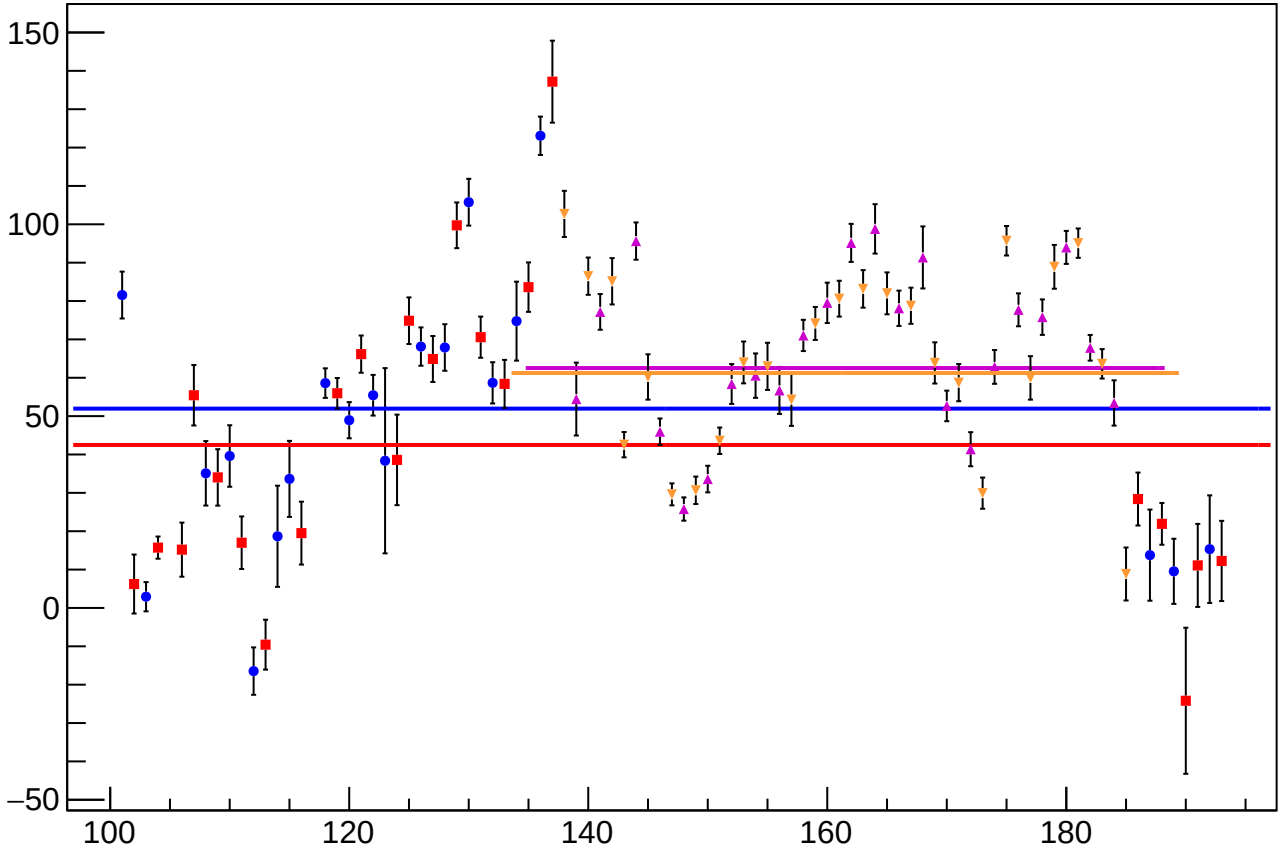
Right: 287.811+/-1.032 χ^2/NDF: 14875.5/42

In: 240.890+/-0.903 χ^2/NDF:10041.3/42

Out: 246.073+/-0.807 χ^2/NDF:14732.8/47

All: 243.773+/-0.602 χ^2/NDF: 24792.4/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.955+/-1.385 χ^2/NDF: 678.7/19

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 42.480+/-1.274 χ^2/NDF: 583.6/22

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

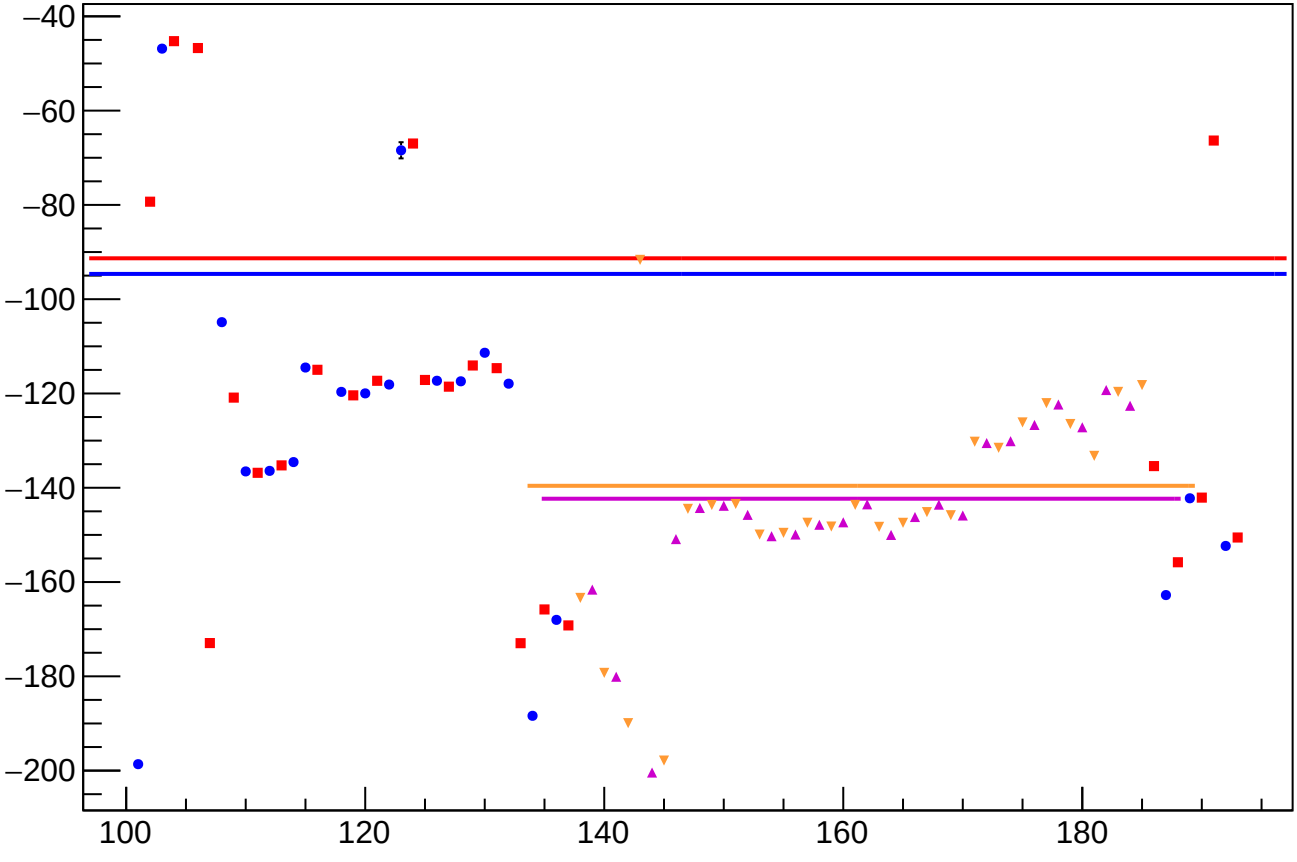
Right: 46.826+/-0.938 χ^2/NDF: 1287.6/42

In: 59.198+/-0.778 χ^2/NDF:1238.7/42

Out: 54.974+/-0.737 χ^2/NDF:1446.7/47

All: 56.971+/-0.535 χ^2/NDF: 2700.9/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -94.639+/-0.065 χ^2/NDF: 580722.3/19

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -91.326+/-0.060 χ^2/NDF: 599669.2/22

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

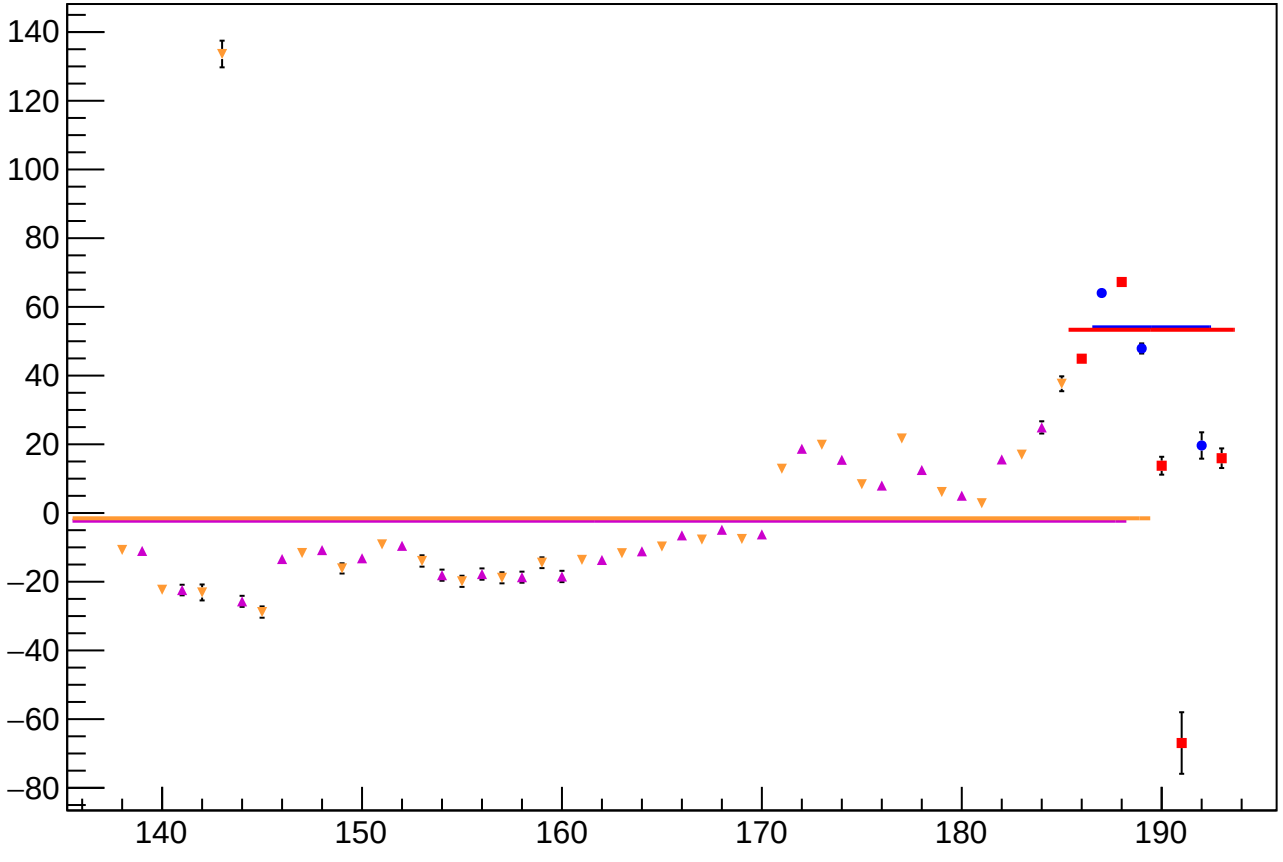
Right: -92.846+/-0.044 χ^2/NDF: 1181779.6/42

In: -127.516+/-0.036 χ^2/NDF:1091711.9/42

Out: -123.240+/-0.035 χ^2/NDF:1268203.5/47

All: -125.294+/-0.025 χ^2/NDF: 2367065.2/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 54.045+/-0.980 χ^2/NDF: 149.0/2

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 53.342+/-0.552 χ^2/NDF: 999.8/4

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

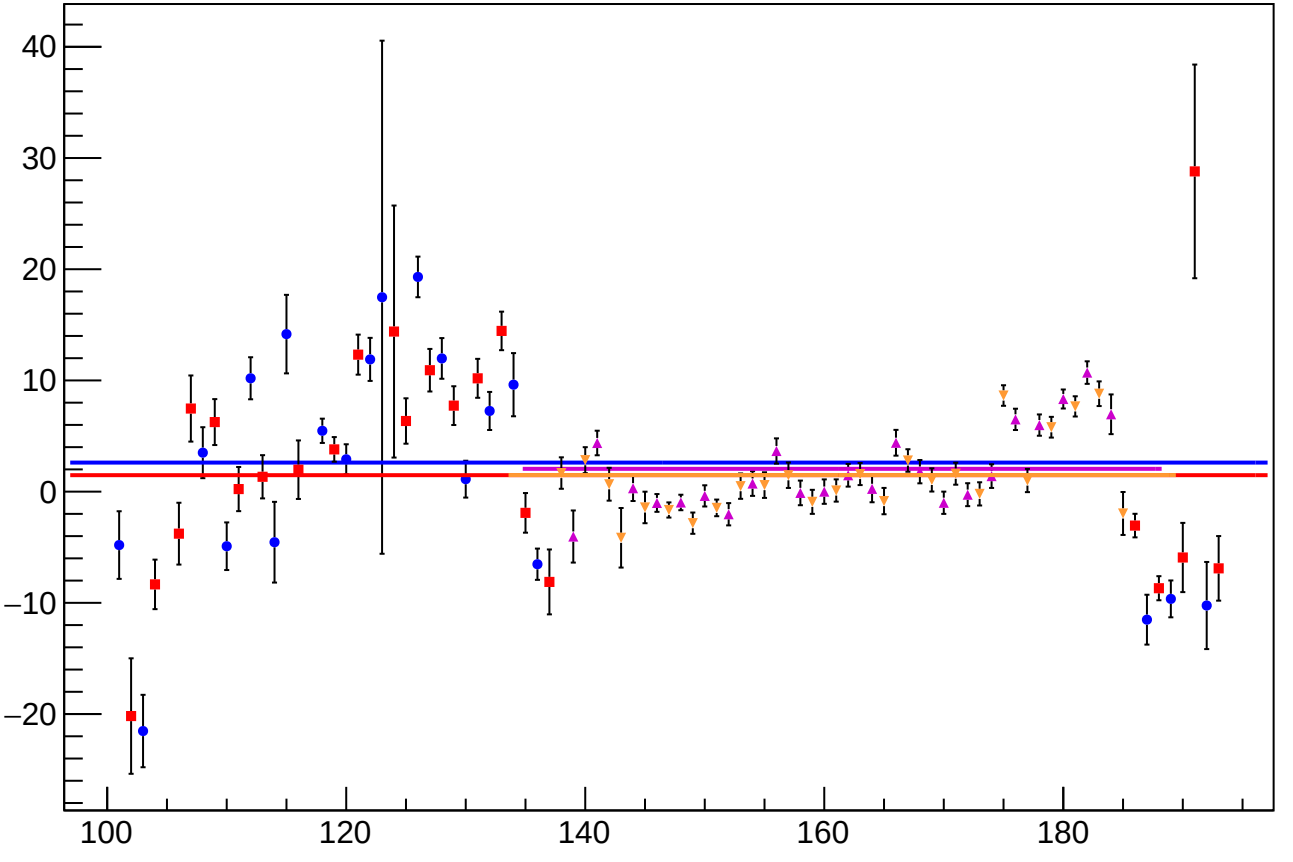
Right: 53.511+/-0.481 χ^2/NDF: 1149.3/7

In: 1.717+/-0.260 χ^2/NDF:5779.9/25

Out: 8.924+/-0.241 χ^2/NDF:13142.1/29

All: 5.594+/-0.177 χ^2/NDF: 19335.7/55

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.612+/-0.436 χ^2/NDF: 405.8/19

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 1.481+/-0.395 χ^2/NDF: 358.7/22

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

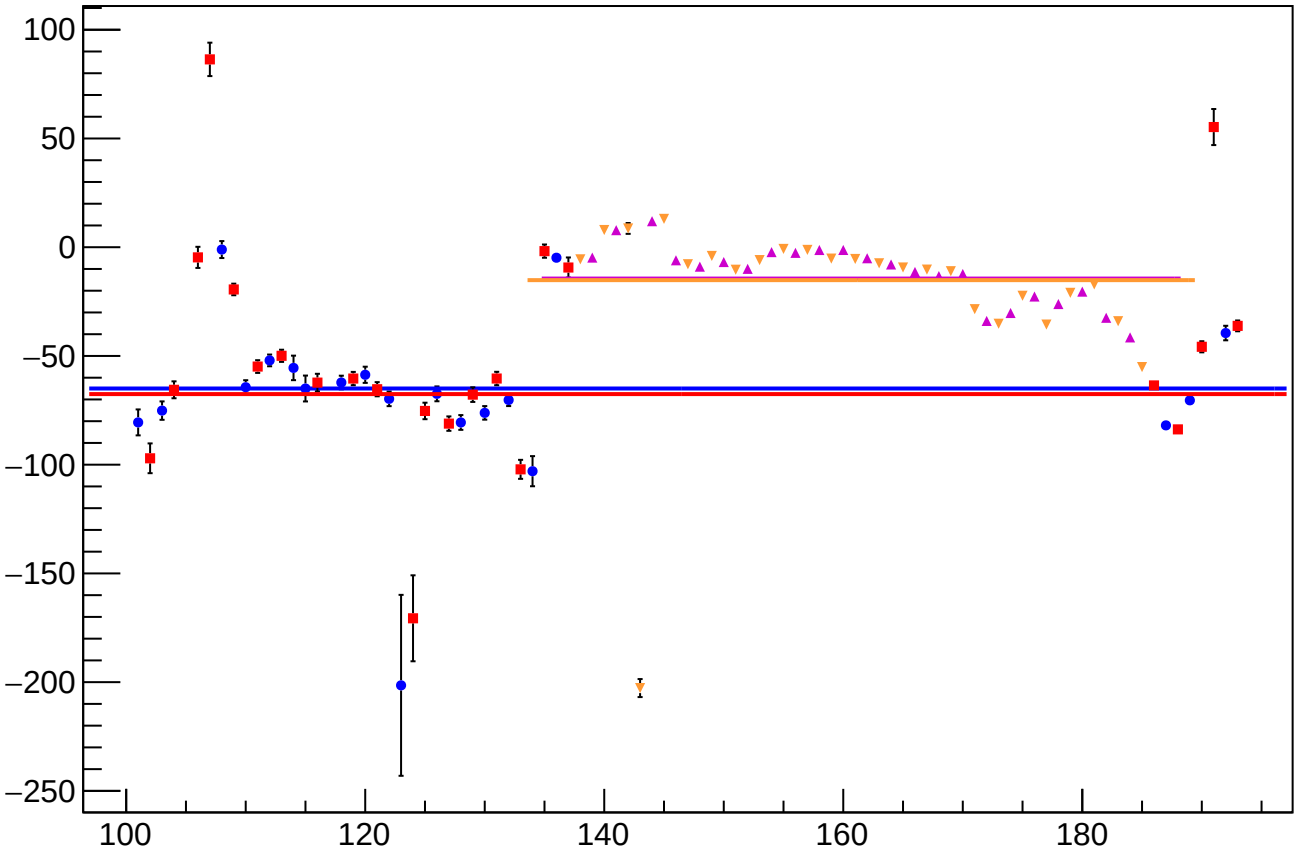
Right: 1.991+/-0.293 χ^2/NDF: 768.3/42

In: 2.161+/-0.193 χ^2/NDF:682.6/42

Out: 1.489+/-0.186 χ^2/NDF:617.1/47

All: 1.813+/-0.134 χ^2/NDF: 1305.9/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.969+/-0.592 χ^2/NDF: 1460.9/19

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -67.539+/-0.397 χ^2/NDF: 2884.9/22

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

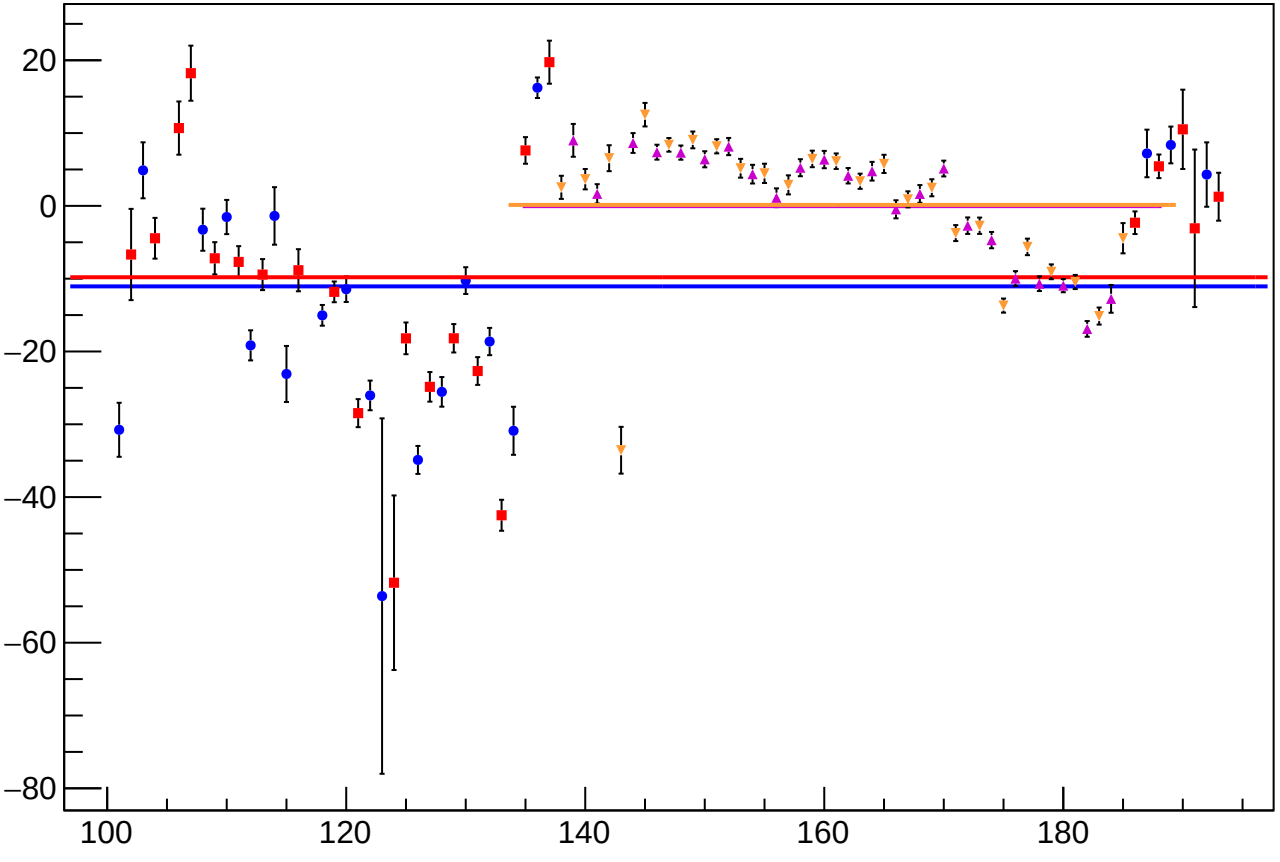
Right: -66.743+/-0.330 χ^2/NDF: 4358.8/42

In: -23.008+/-0.244 χ^2/NDF:9572.2/42

Out: -31.468+/-0.221 χ^2/NDF:19351.2/47

All: -27.651+/-0.164 χ^2/NDF: 29582.0/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.058+/-0.509 χ^2/NDF: 899.3/19

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -9.803+/-0.478 χ^2/NDF: 898.7/22

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

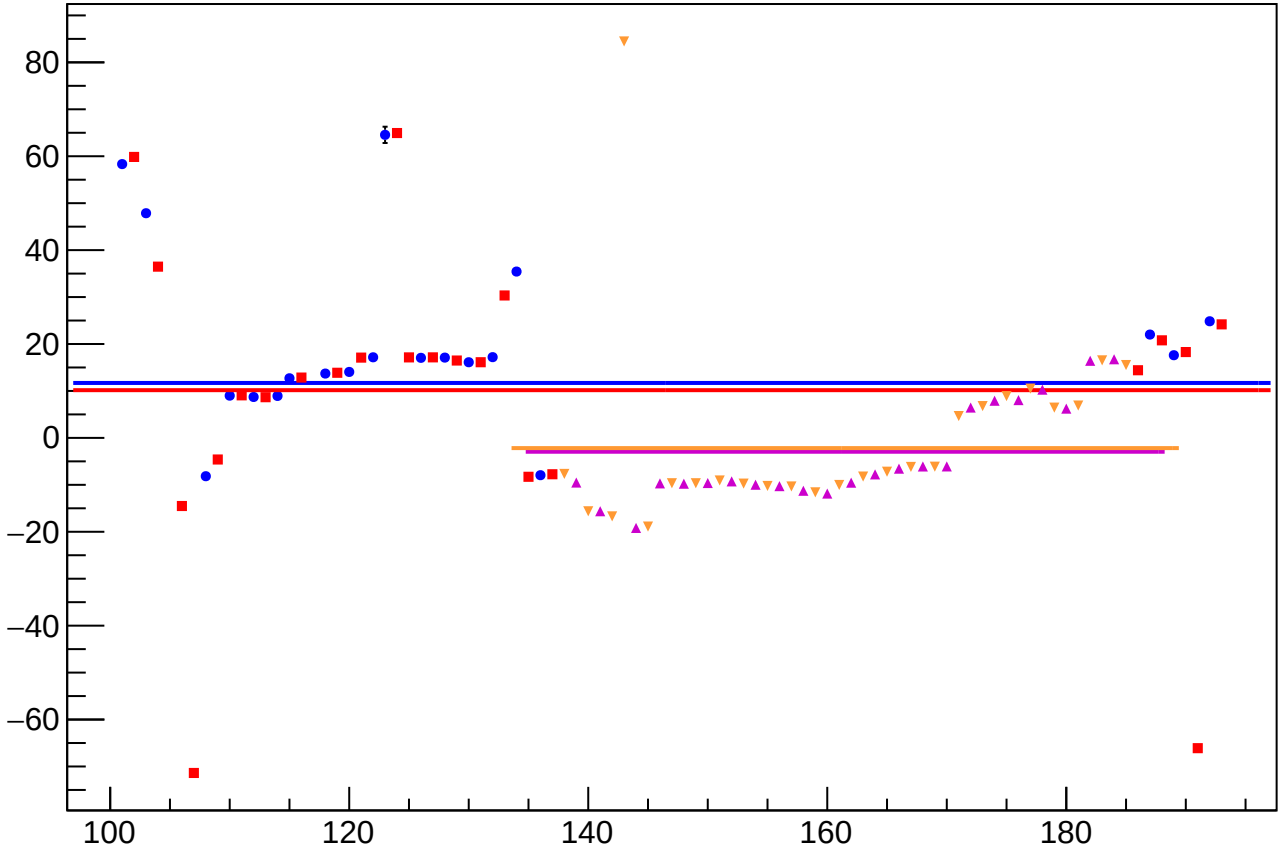
Right: -10.391+/-0.348 χ^2/NDF: 1801.2/42

In: -2.073+/-0.219 χ^2/NDF:2309.2/42

Out: -1.847+/-0.213 χ^2/NDF:2391.8/47

All: -1.957+/-0.153 χ^2/NDF: 4701.5/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.703+/-0.029 χ^2/NDF: 397608.6/19

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 10.164+/-0.027 χ^2/NDF: 650091.6/22

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

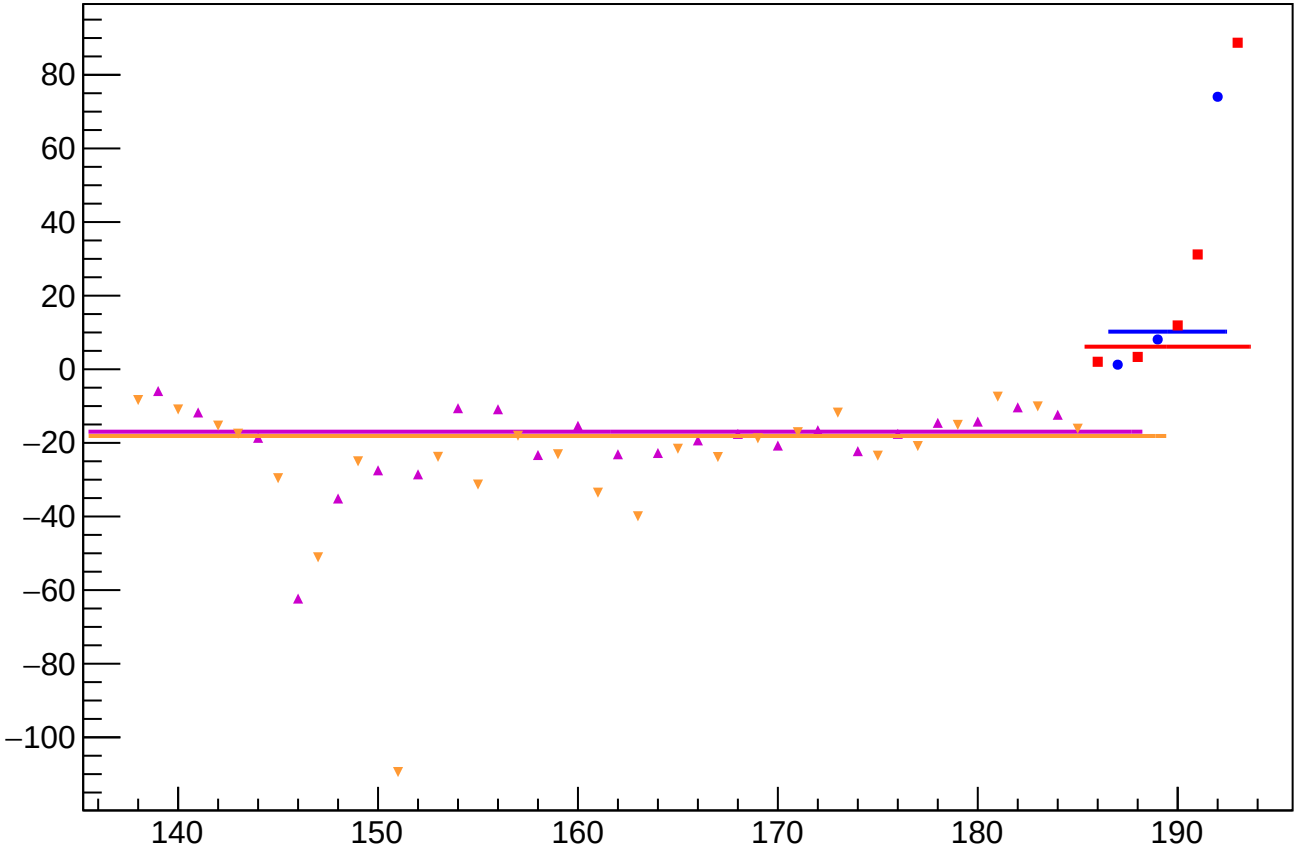
Right: 10.888+/-0.020 χ^2/NDF: 1049244.5/42

In: -1.065+/-0.010 χ^2/NDF:1398553.0/42

Out: -0.425+/-0.010 χ^2/NDF:1878572.4/47

All: -0.742+/-0.007 χ^2/NDF: 3279103.3/90

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.181 χ^2/NDF: 10447.6/2

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 6.140+/-0.091 χ^2/NDF: 23801.7/4

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

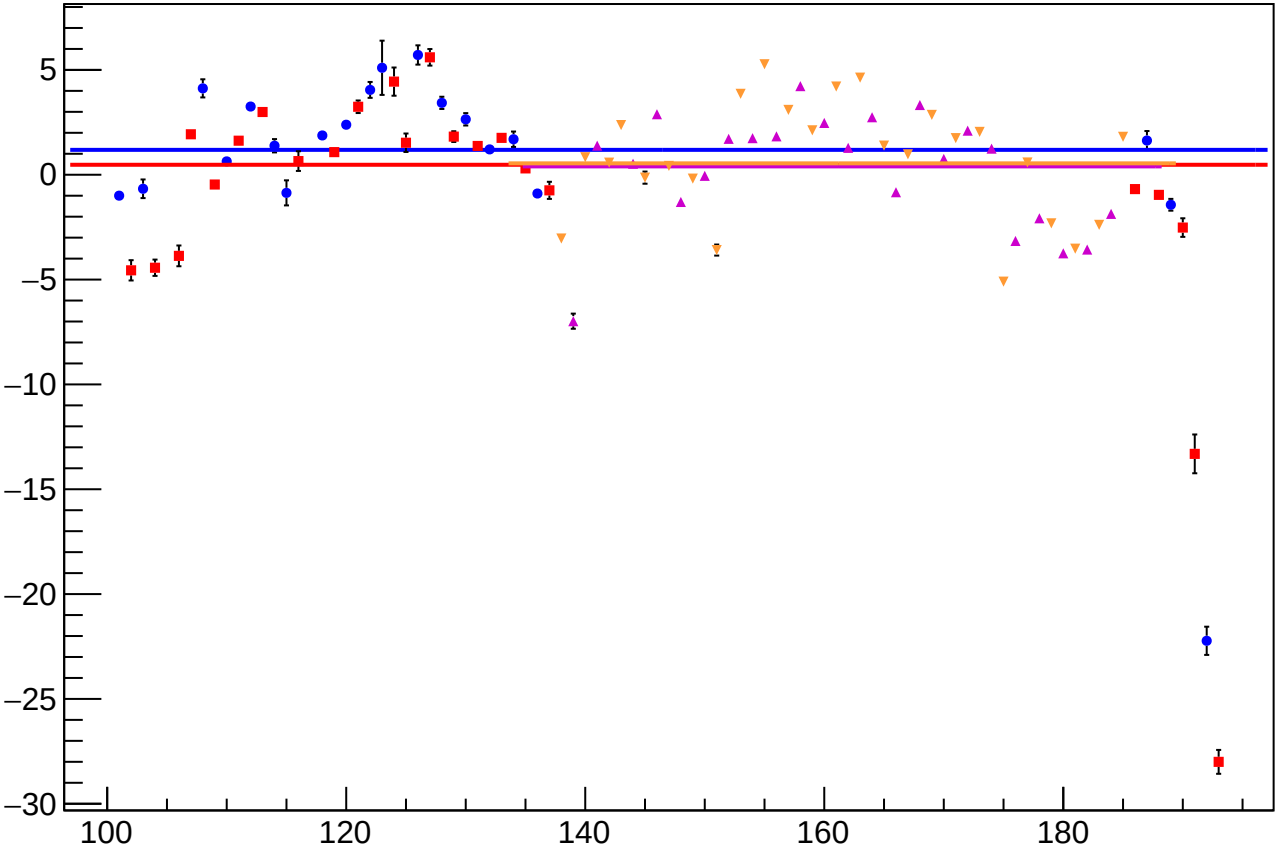
Right: 6.969+/-0.081 χ^2/NDF: 34657.0/7

In: -15.805+/-0.037 χ^2/NDF:76908.4/25

Out: -14.378+/-0.036 χ^2/NDF:172257.8/29

All: -15.065+/-0.026 χ^2/NDF: 249929.3/55

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.187+/-0.059 χ^2/NDF: 2032.6/19

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.475+/-0.053 χ^2/NDF: 3930.7/22

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

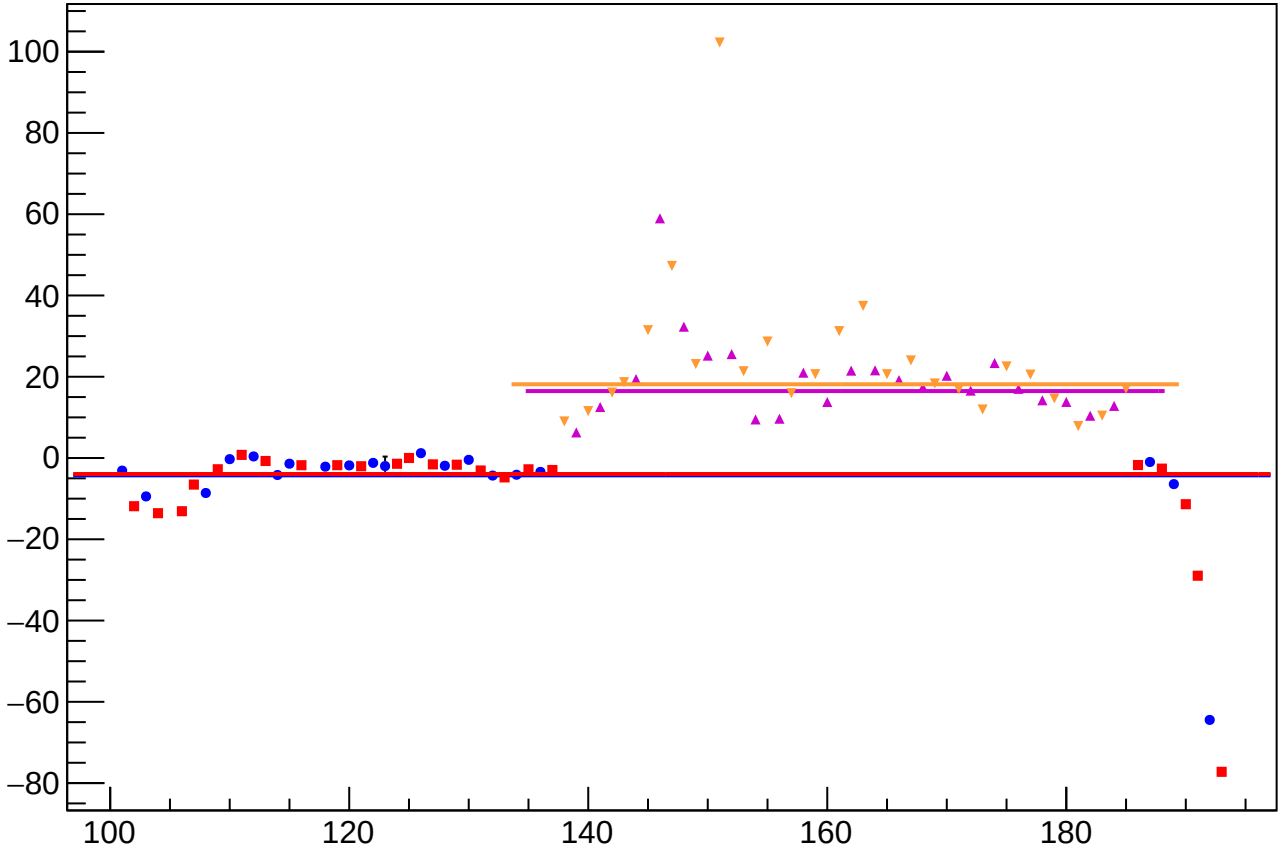
Right: 0.792+/-0.039 χ^2/NDF: 6044.2/42

In: 0.566+/-0.027 χ^2/NDF:8459.9/42

Out: 0.524+/-0.028 χ^2/NDF:10999.5/47

All: 0.546+/-0.019 χ^2/NDF: 19460.5/90

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.262+/-0.089 χ^2/NDF: 12094.4/19

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -3.937+/-0.060 χ^2/NDF: 25430.1/22

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

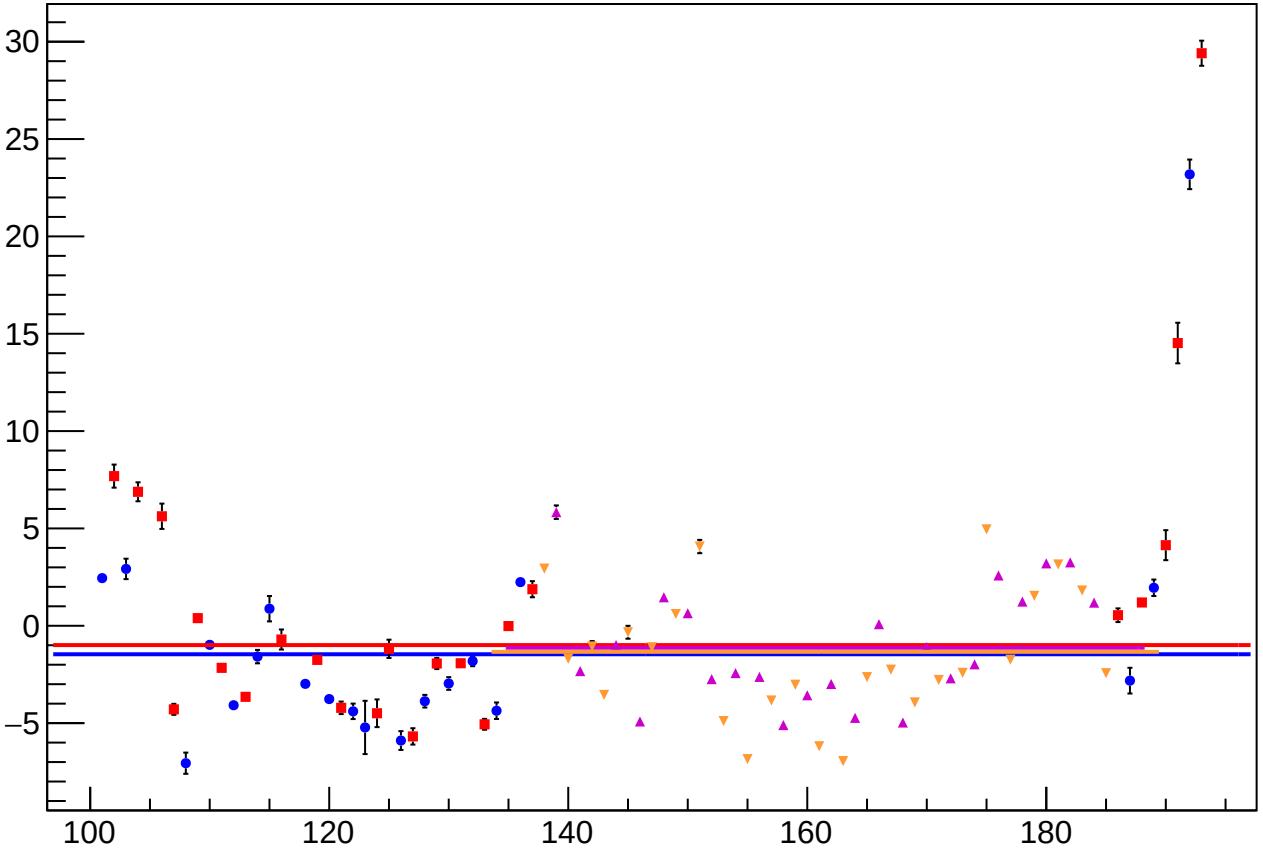
Right: -4.037+/-0.050 χ^2/NDF: 37533.7/42

In: 13.349+/-0.035 χ^2/NDF:99253.0/42

Out: 11.481+/-0.033 χ^2/NDF:199359.3/47

All: 12.360+/-0.024 χ^2/NDF: 300148.4/90

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.463+/-0.069 χ^2/NDF: 2484.2/19

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.992+/-0.062 χ^2/NDF: 4163.6/22

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

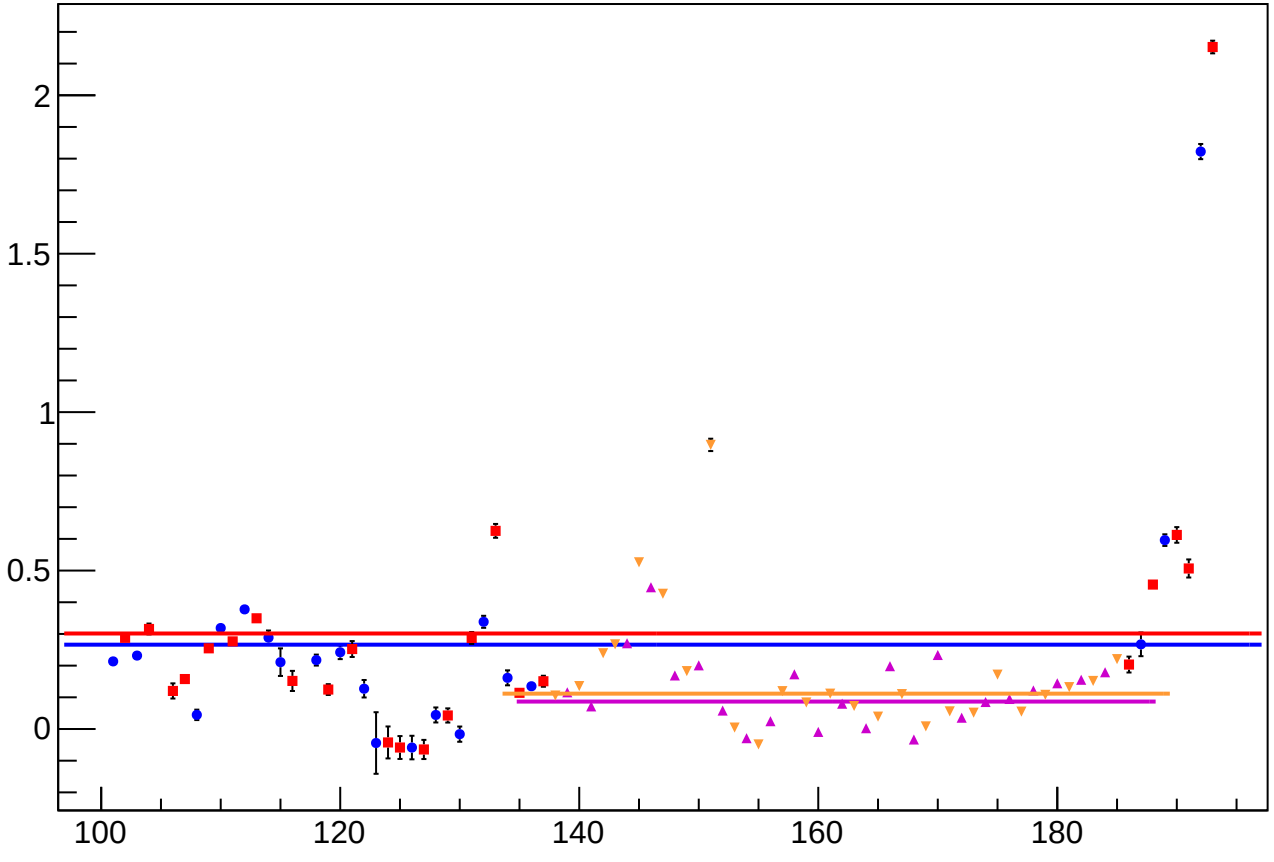
Right: -1.203+/-0.046 χ^2/NDF: 6673.7/42

In: -1.195+/-0.031 χ^2/NDF:9281.9/42

Out: -1.251+/-0.031 χ^2/NDF:12107.7/47

All: -1.222+/-0.022 χ^2/NDF: 21391.2/90

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.266+/-0.004 χ^2/NDF: 5449.7/19

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.301+/-0.003 χ^2/NDF: 10531.2/22

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

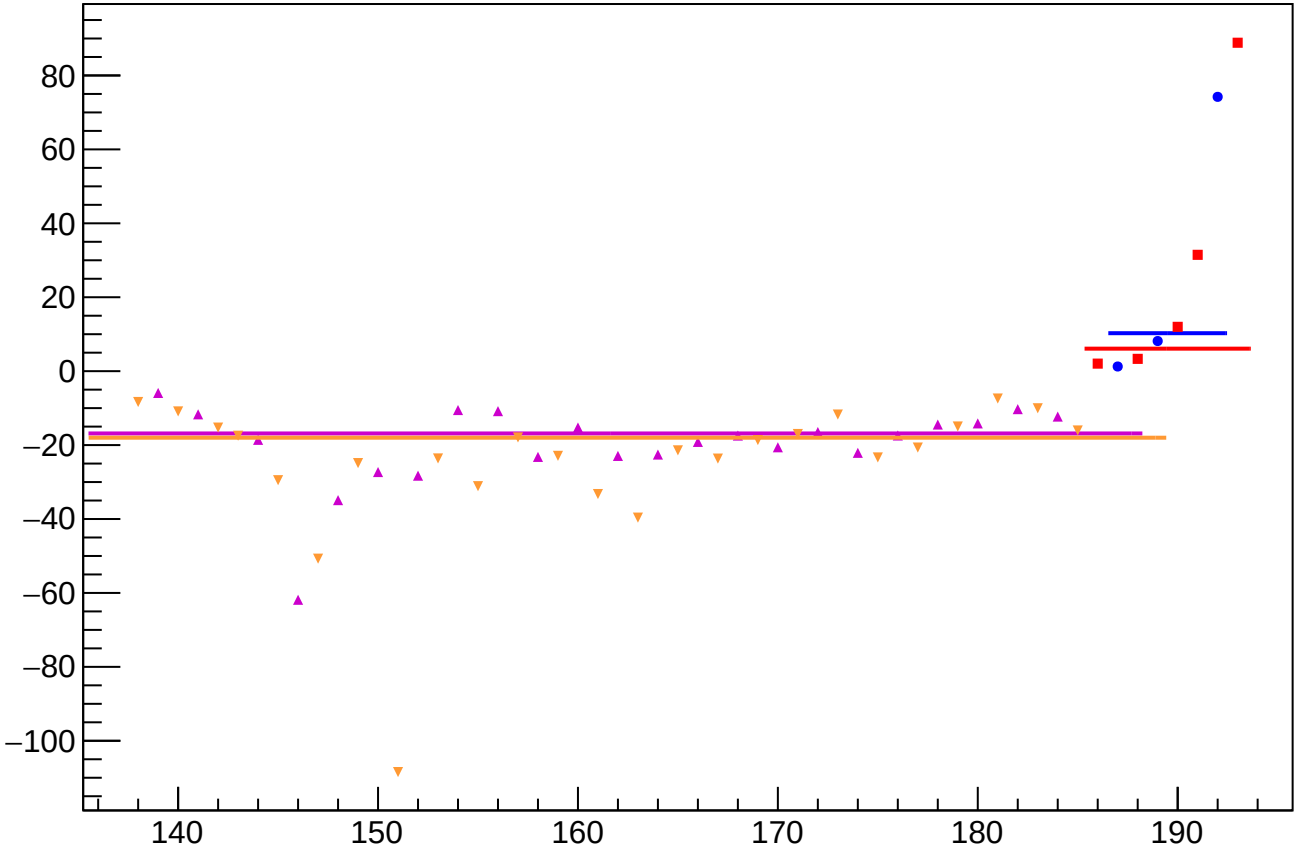
Right: 0.286+/-0.003 χ^2/NDF: 16026.6/42

In: 0.109+/-0.001 χ^2/NDF:10915.3/42

Out: 0.146+/-0.001 χ^2/NDF:17528.7/47

All: 0.127+/-0.001 χ^2/NDF: 28779.5/90

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.272+/-0.180 χ^2/NDF: 10570.5/2

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.090+/-0.090 χ^2/NDF: 24137.7/4

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

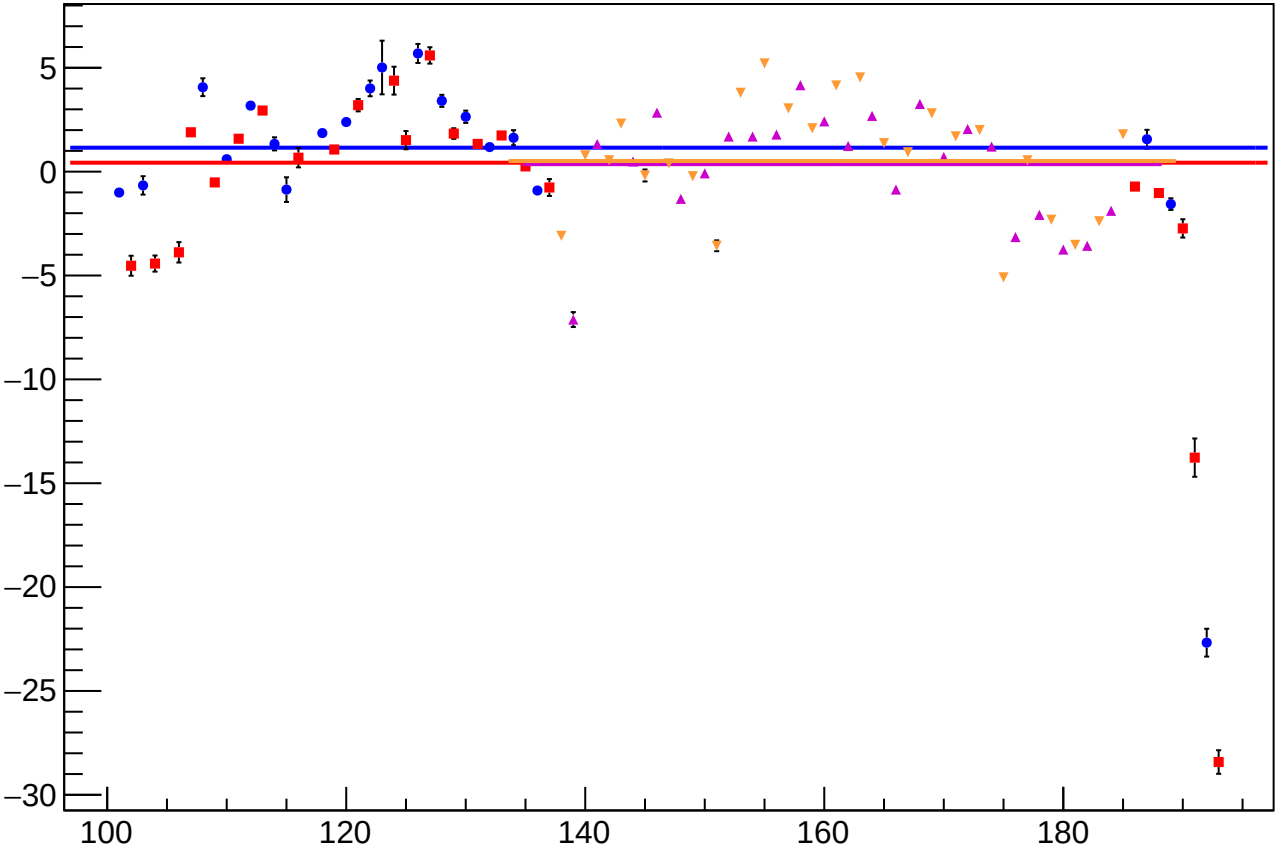
Right: 6.930+/-0.081 χ^2/NDF: 35140.3/7

In: -15.709+/-0.037 χ^2/NDF:77042.4/25

Out: -14.256+/-0.036 χ^2/NDF:172845.9/29

All: -14.954+/-0.026 χ^2/NDF: 250692.2/55

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.153+/-0.059 χ^2/NDF: 2093.0/19

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.431+/-0.052 χ^2/NDF: 4056.9/22

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

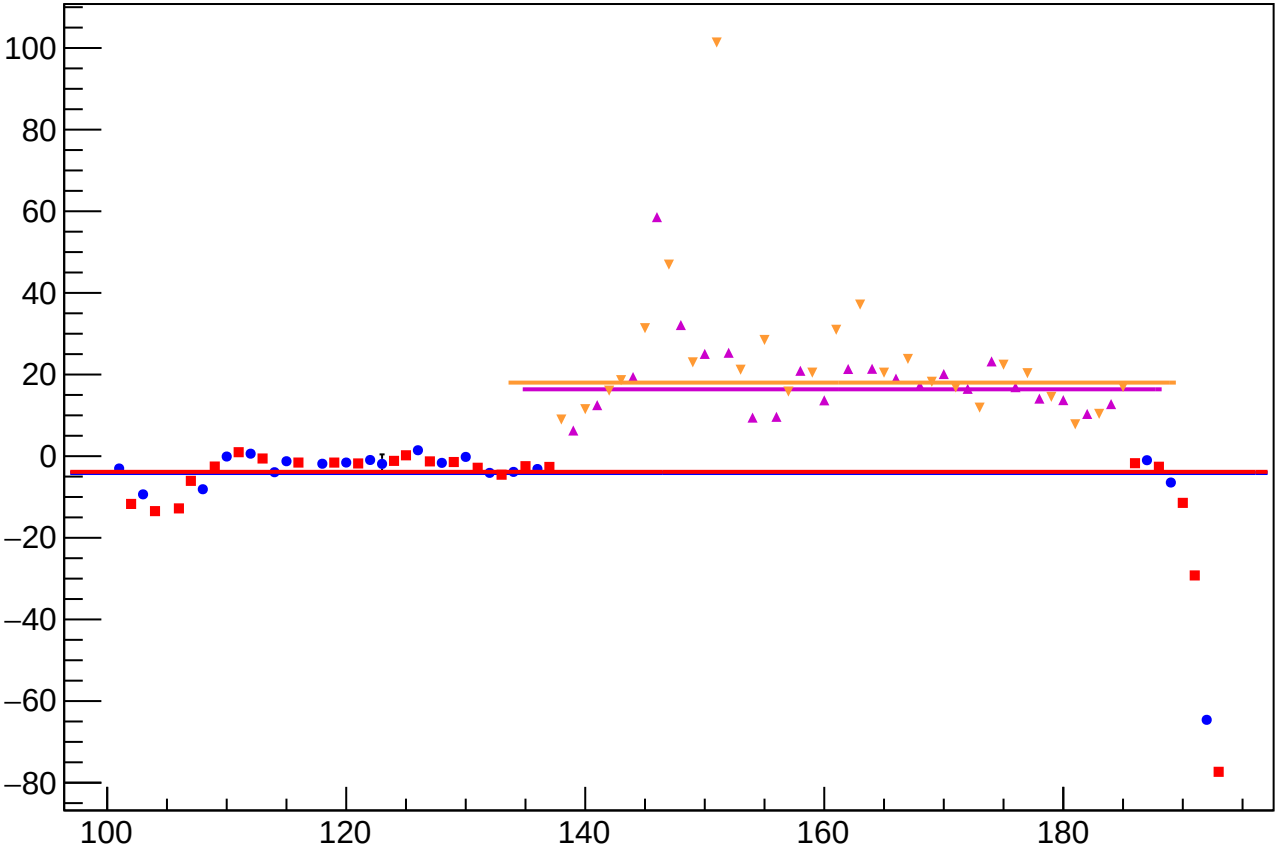
Right: 0.752+/-0.039 χ^2/NDF: 6234.2/42

In: 0.529+/-0.027 χ^2/NDF:8510.2/42

Out: 0.489+/-0.027 χ^2/NDF:11111.6/47

All: 0.509+/-0.019 χ^2/NDF: 19622.8/90

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.126+/-0.089 χ^2/NDF: 12318.5/19

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -3.836+/-0.059 χ^2/NDF: 25827.6/22

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

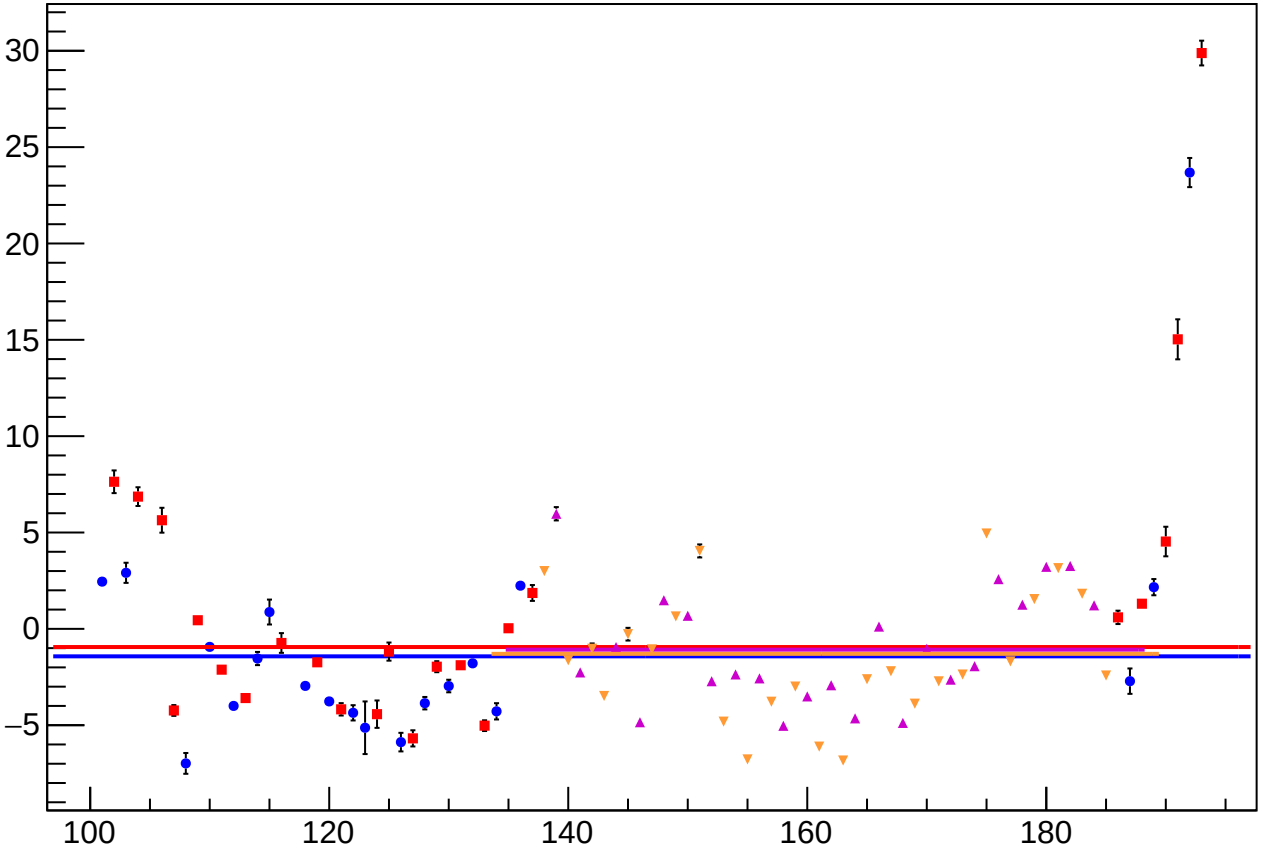
Right: -3.925+/-0.049 χ^2/NDF: 38153.5/42

In: 13.295+/-0.034 χ^2/NDF:98811.5/42

Out: 11.405+/-0.032 χ^2/NDF:199308.9/47

All: 12.293+/-0.024 χ^2/NDF: 299715.0/90

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.427+/-0.068 χ^2/NDF: 2536.7/19

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.944+/-0.062 χ^2/NDF: 4285.7/22

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

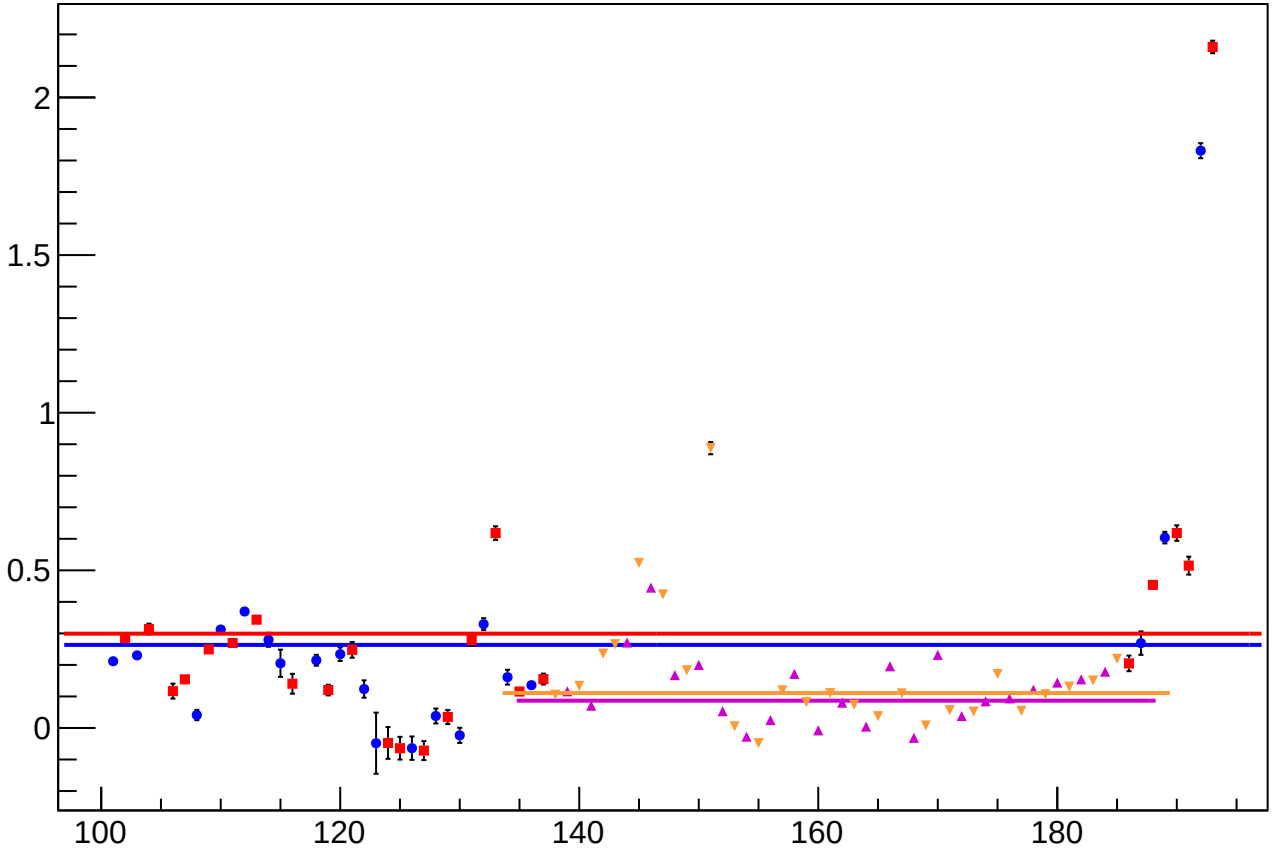
Right: -1.160+/-0.046 χ^2/NDF: 6850.0/42

In: -1.149+/-0.030 χ^2/NDF:9321.3/42

Out: -1.208+/-0.031 χ^2/NDF:12213.6/47

All: -1.178+/-0.022 χ^2/NDF: 21536.8/90

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.264+/-0.004 χ^2/NDF: 5560.9/19

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.299+/-0.003 χ^2/NDF: 10721.0/22

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

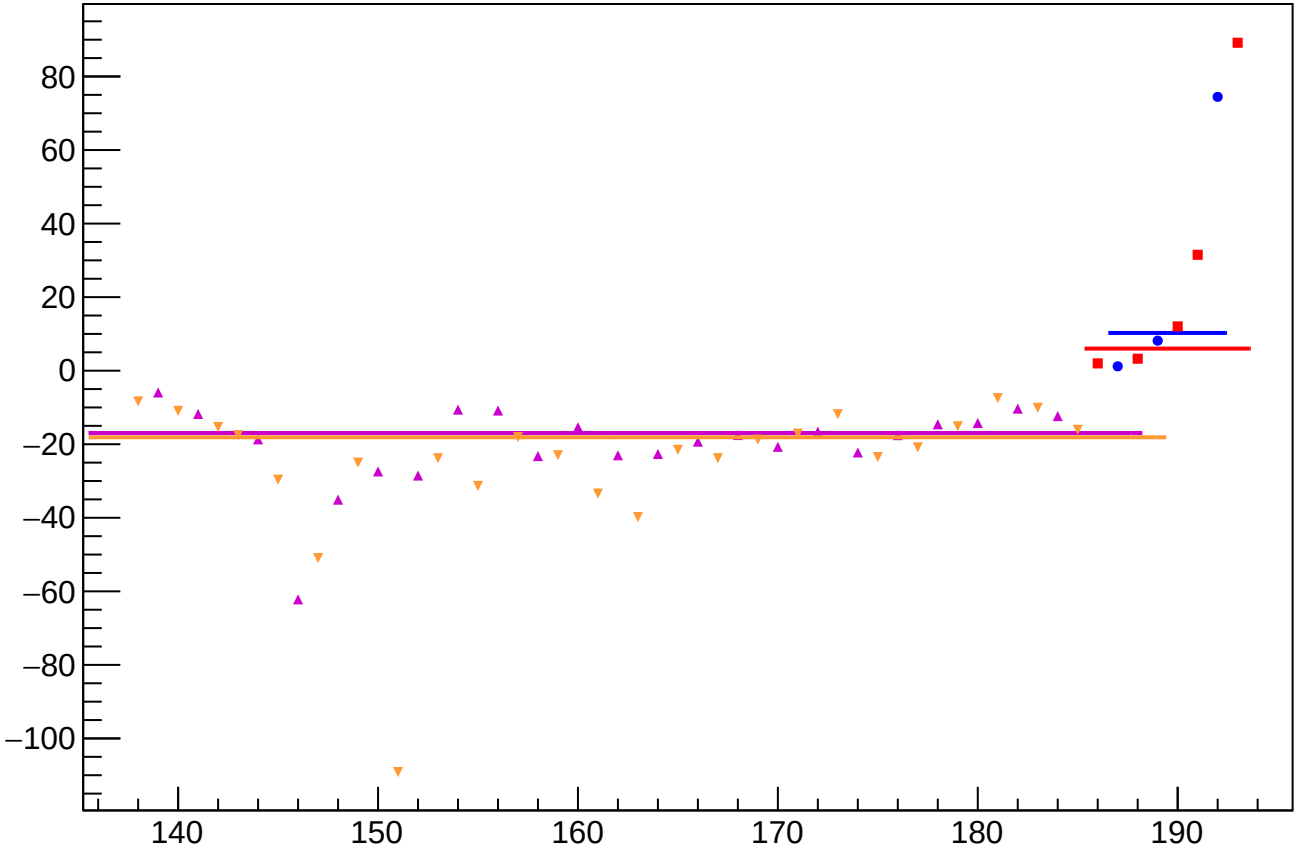
Right: 0.284+/-0.003 χ^2/NDF: 16328.8/42

In: 0.109+/-0.001 χ^2/NDF:10961.9/42

Out: 0.145+/-0.001 χ^2/NDF:17696.5/47

All: 0.126+/-0.001 χ^2/NDF: 28986.2/90

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.264+/-0.181 χ^2/NDF: 10586.0/2

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 6.006+/-0.090 χ^2/NDF: 24158.2/4

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

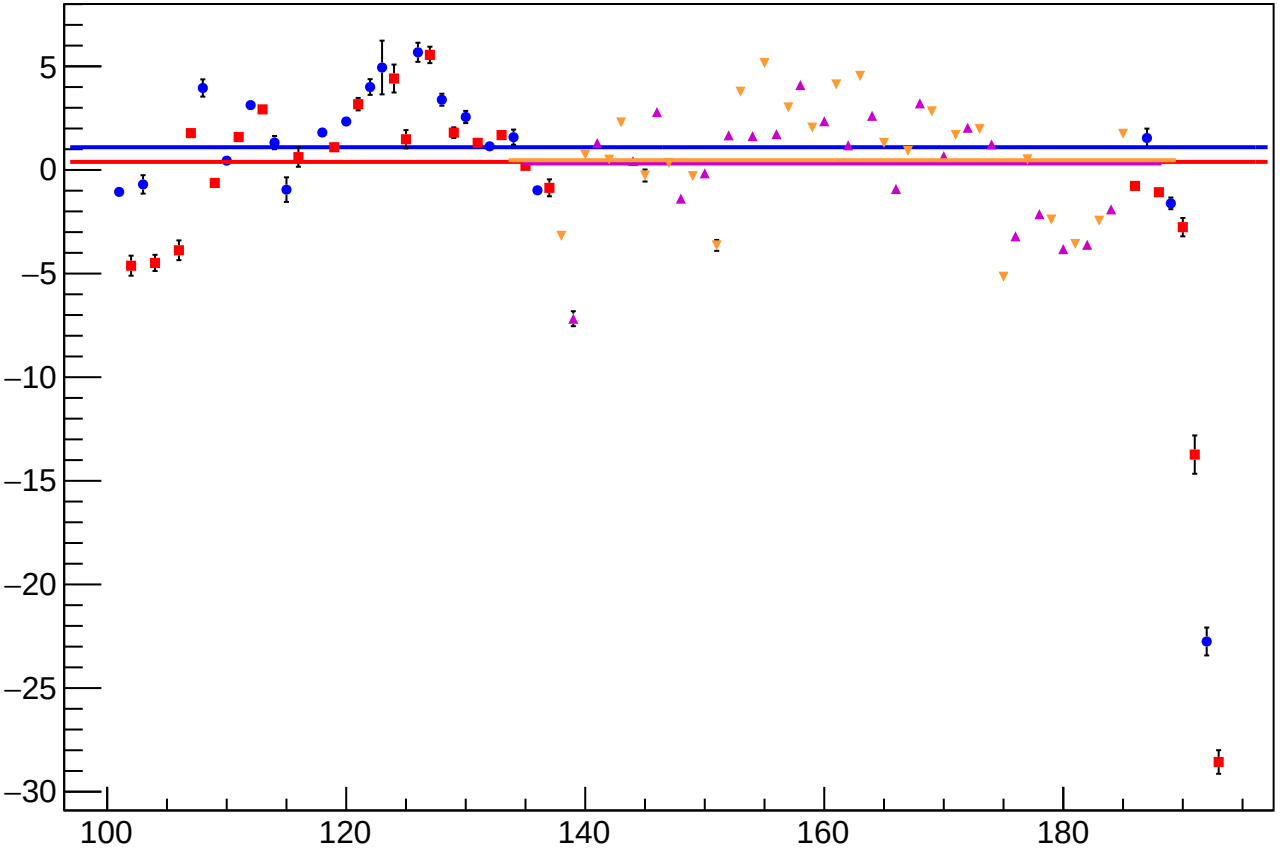
Right: 6.854+/-0.081 χ^2/NDF: 35189.7/7

In: -15.796+/-0.037 χ^2/NDF:77096.5/25

Out: -14.325+/-0.036 χ^2/NDF:173175.0/29

All: -15.032+/-0.026 χ^2/NDF: 251089.7/55

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.097+/-0.059 χ^2/NDF: 2090.8/19

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.389+/-0.053 χ^2/NDF: 4058.9/22

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

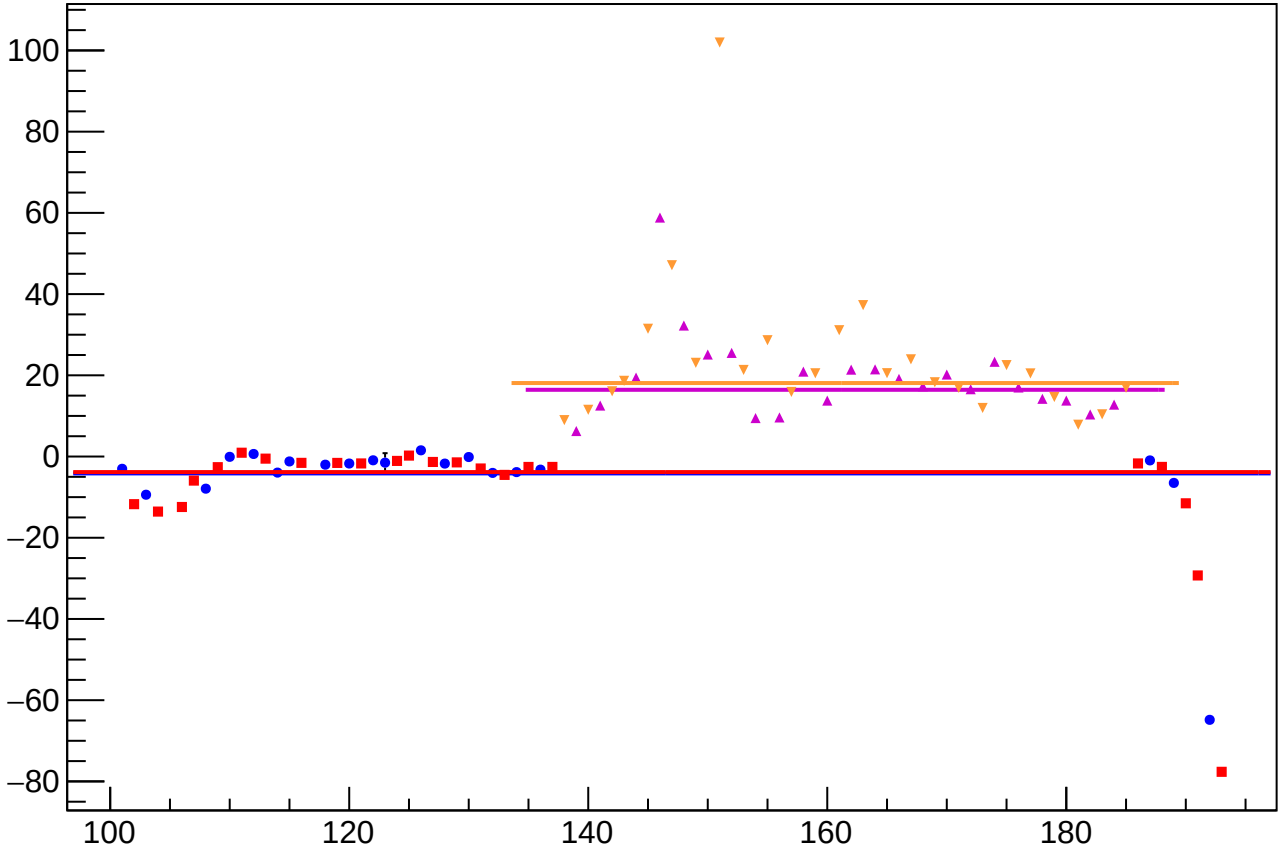
Right: 0.703+/-0.039 χ^2/NDF: 6229.9/42

In: 0.479+/-0.027 χ^2/NDF:8465.3/42

Out: 0.447+/-0.028 χ^2/NDF:11137.3/47

All: 0.463+/-0.019 χ^2/NDF: 19603.3/90

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.156+/-0.089 χ^2/NDF: 12320.6/19

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -3.829+/-0.059 χ^2/NDF: 25811.9/22

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

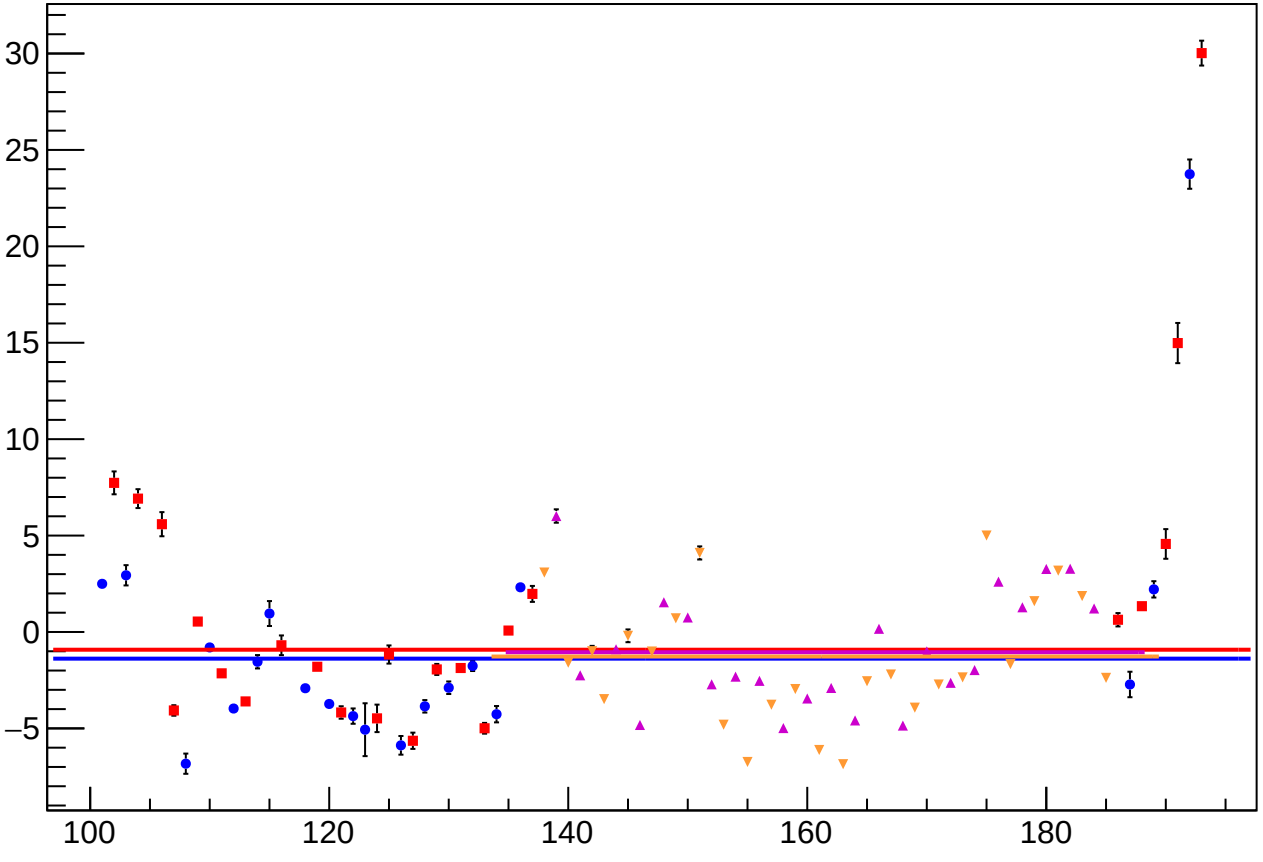
Right: -3.928+/-0.049 χ^2/NDF: 38141.8/42

In: 13.342+/-0.035 χ^2/NDF:98841.9/42

Out: 11.427+/-0.033 χ^2/NDF:199638.6/47

All: 12.326+/-0.024 χ^2/NDF: 300104.6/90

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.383+/-0.069 χ^2/NDF: 2536.7/19

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.920+/-0.062 χ^2/NDF: 4291.4/22

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

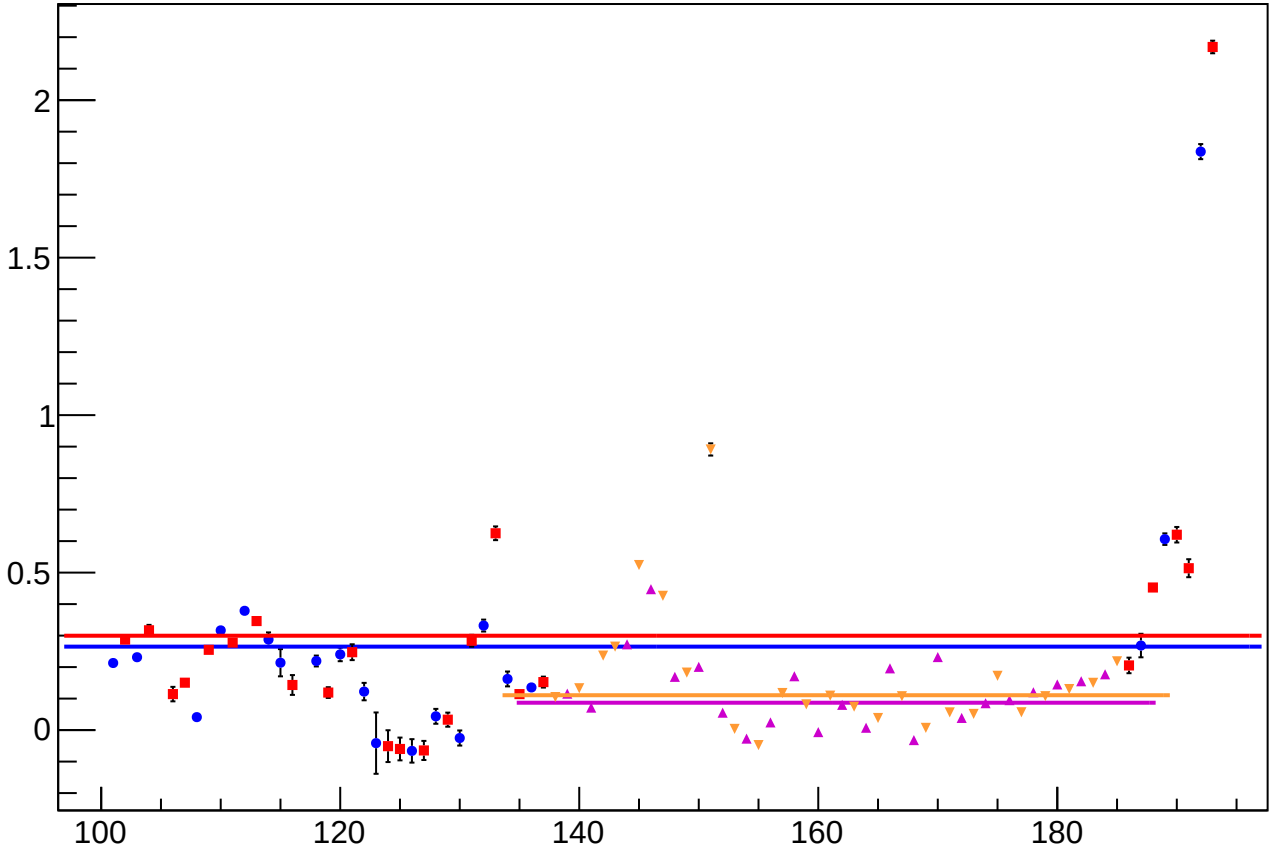
Right: -1.127+/-0.046 χ^2/NDF: 6853.2/42

In: -1.116+/-0.030 χ^2/NDF:9268.5/42

Out: -1.184+/-0.031 χ^2/NDF:12246.9/47

All: -1.149+/-0.022 χ^2/NDF: 21517.8/90

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.265+/-0.004 χ^2/NDF: 5579.6/19

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.300+/-0.003 χ^2/NDF: 10742.1/22

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

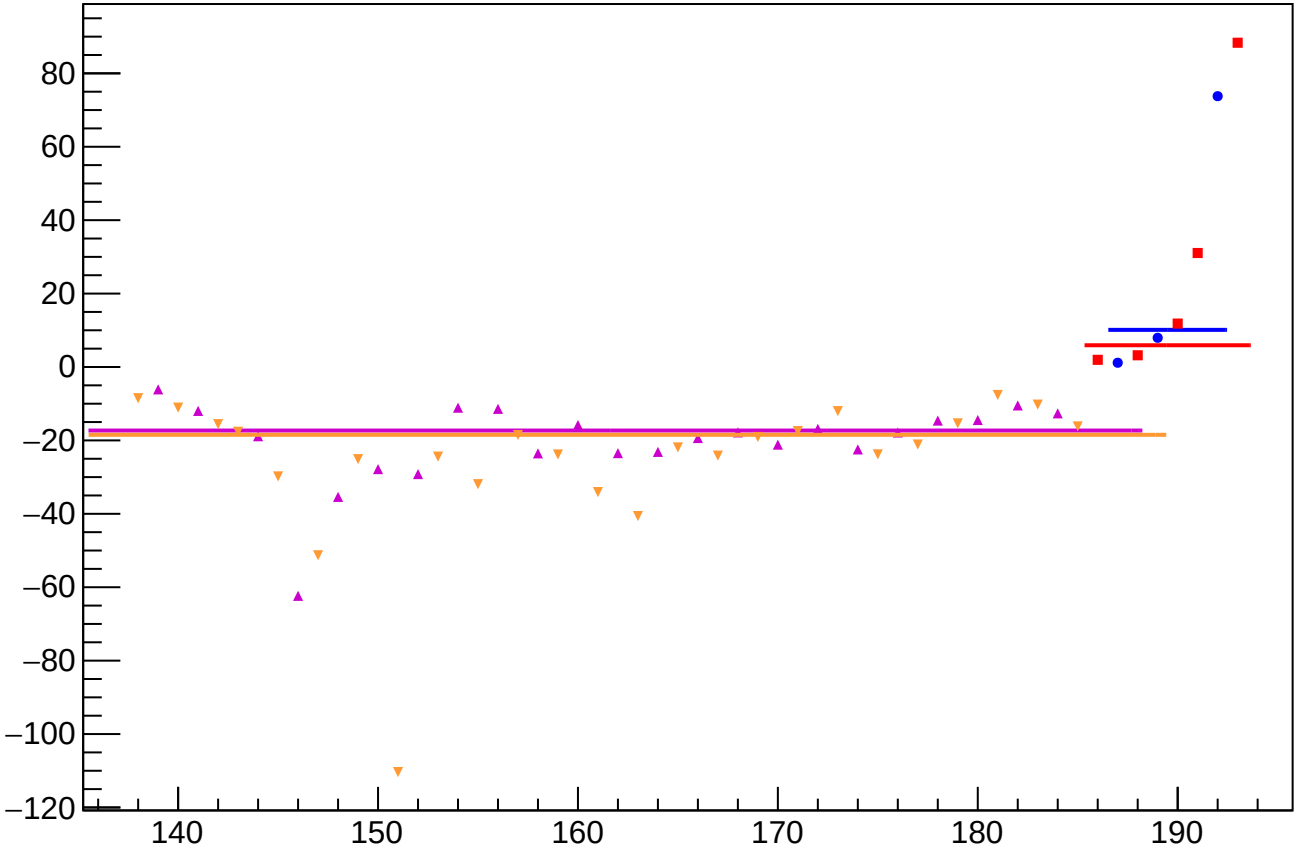
Right: 0.285+/-0.003 χ^2/NDF: 16366.0/42

In: 0.109+/-0.001 χ^2/NDF:10963.8/42

Out: 0.145+/-0.001 χ^2/NDF:17703.1/47

All: 0.126+/-0.001 χ^2/NDF: 28985.4/90

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.118+/-0.181 χ^2/NDF: 10347.2/2

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 5.925+/-0.090 χ^2/NDF: 23644.9/4

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

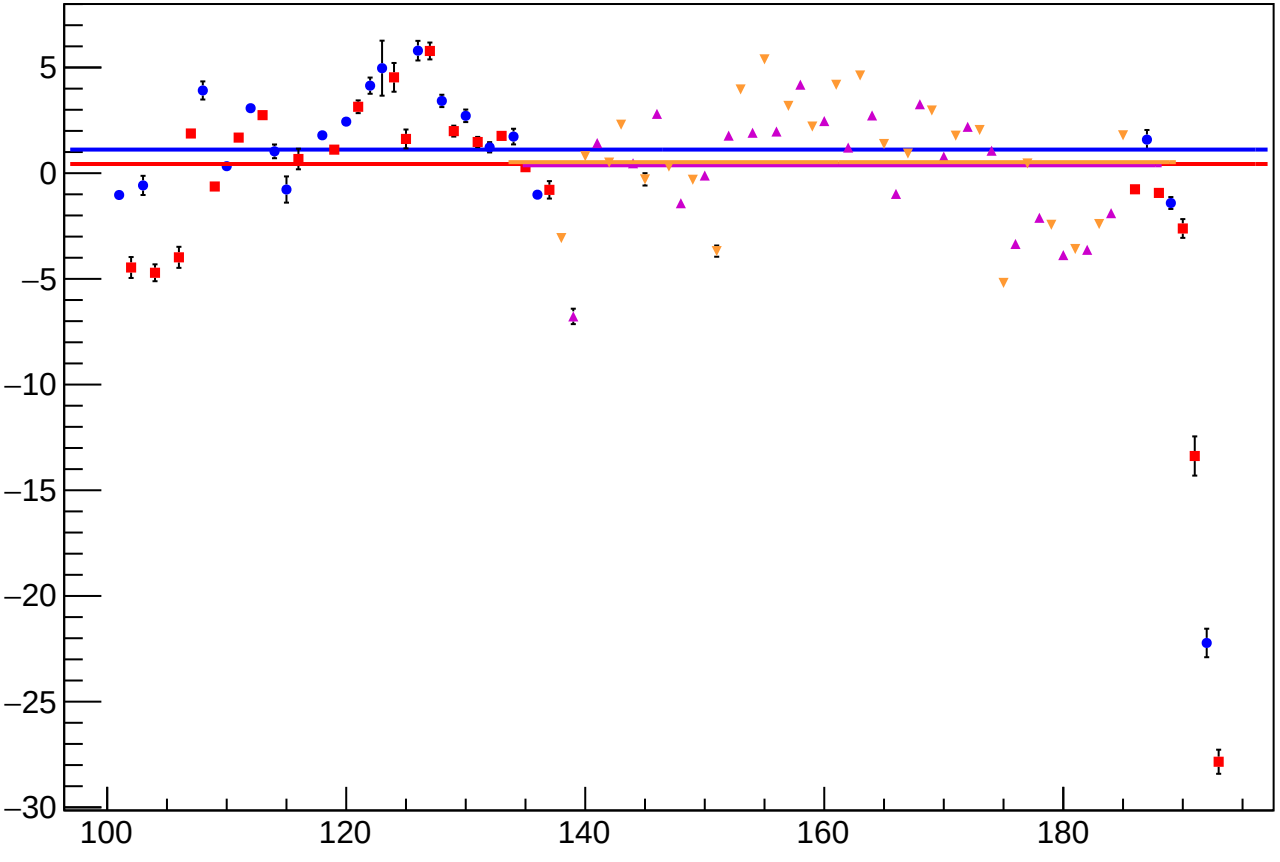
Right: 6.759+/-0.081 χ^2/NDF: 34421.1/7

In: -16.106+/-0.038 χ^2/NDF:76068.5/25

Out: -14.516+/-0.036 χ^2/NDF:172706.5/29

All: -15.278+/-0.026 χ^2/NDF: 249690.9/55

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.116+/-0.060 χ^2/NDF: 2015.6/19

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.434+/-0.054 χ^2/NDF: 3883.0/22

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

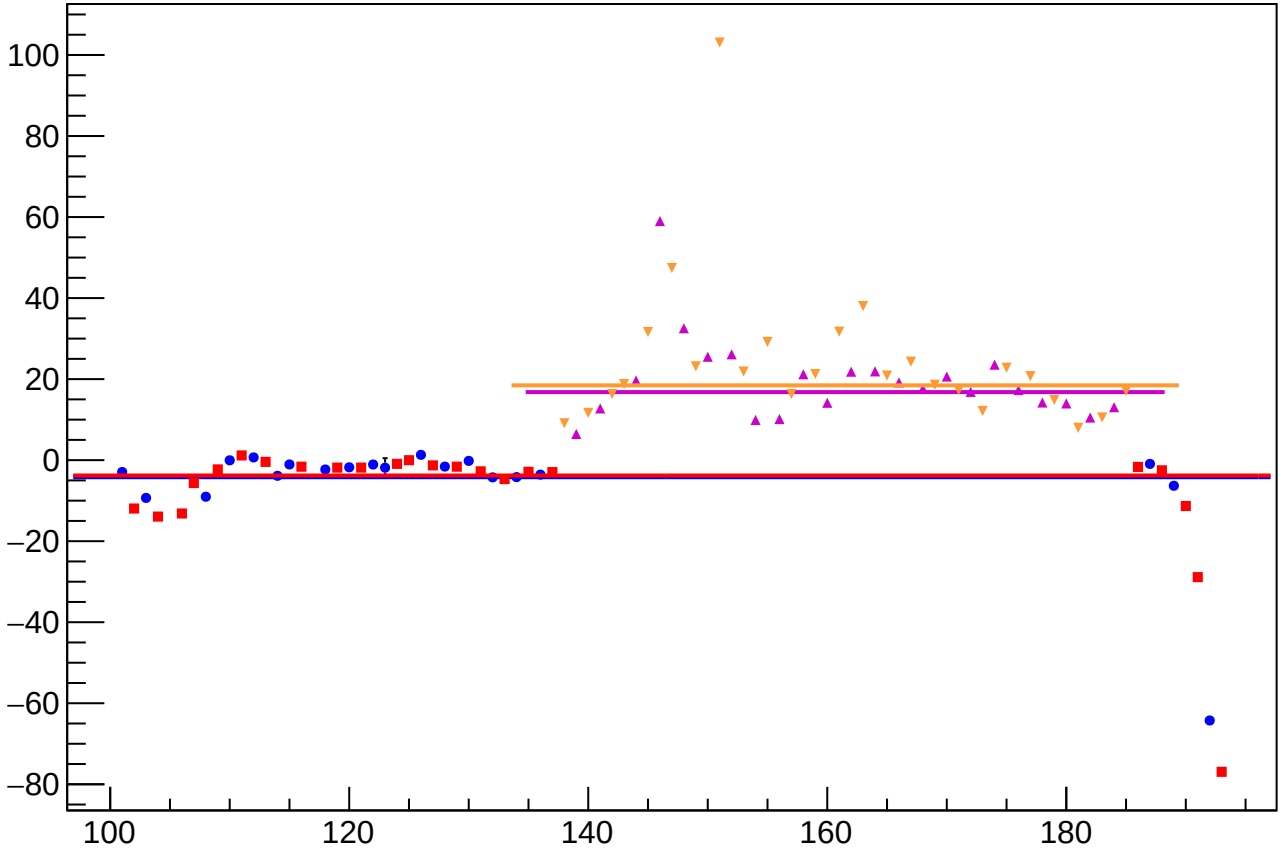
Right: 0.737+/-0.040 χ^2/NDF: 5970.7/42

In: 0.532+/-0.028 χ^2/NDF:8400.3/42

Out: 0.498+/-0.028 χ^2/NDF:10923.2/47

All: 0.515+/-0.020 χ^2/NDF: 19324.3/90

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.211+/-0.090 χ^2/NDF: 12016.0/19

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -3.787+/-0.060 χ^2/NDF: 25302.5/22

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

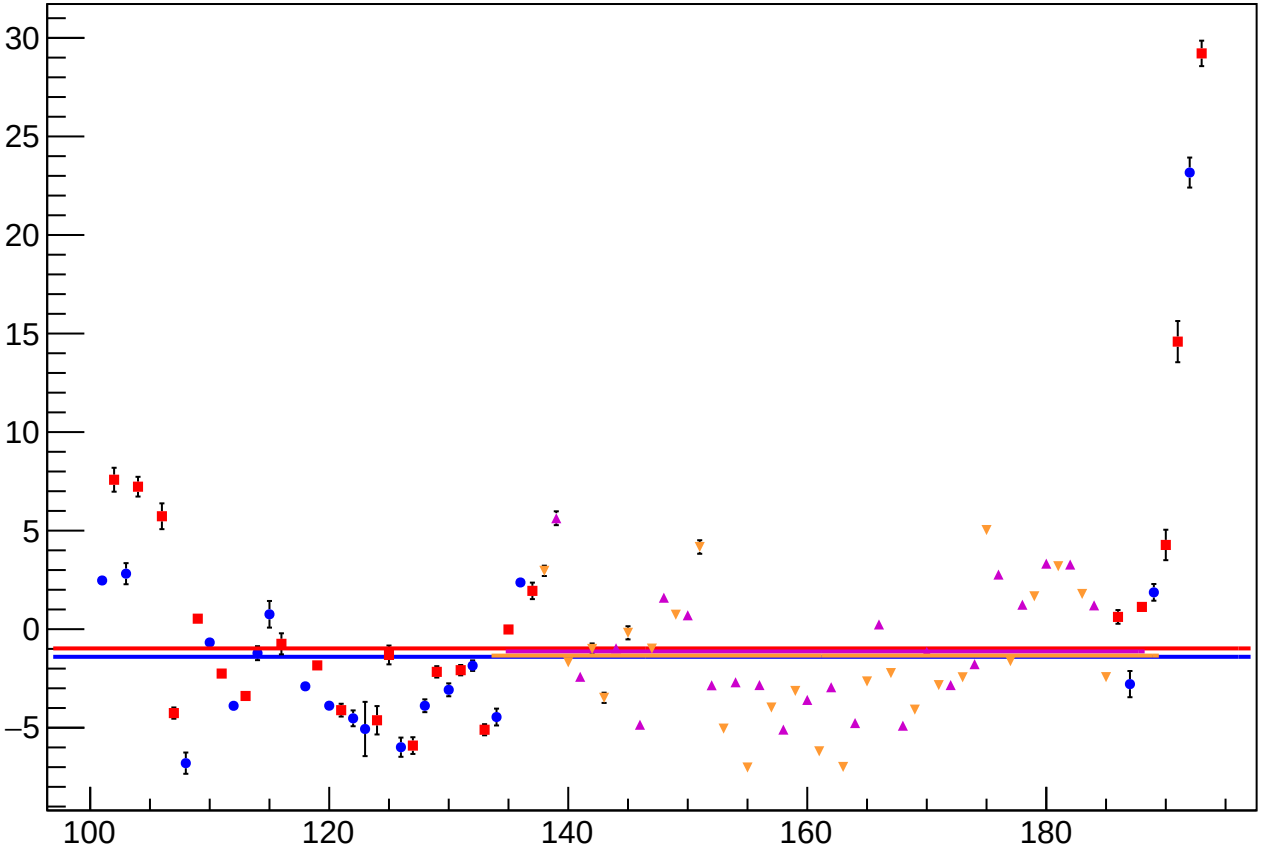
Right: -3.915+/-0.050 χ^2/NDF: 37333.9/42

In: 13.584+/-0.035 χ^2/NDF:98004.2/42

Out: 11.566+/-0.033 χ^2/NDF:198764.4/47

All: 12.510+/-0.024 χ^2/NDF: 298501.4/90

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.402+/-0.070 χ^2/NDF: 2455.2/19

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.976+/-0.063 χ^2/NDF: 4111.0/22

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

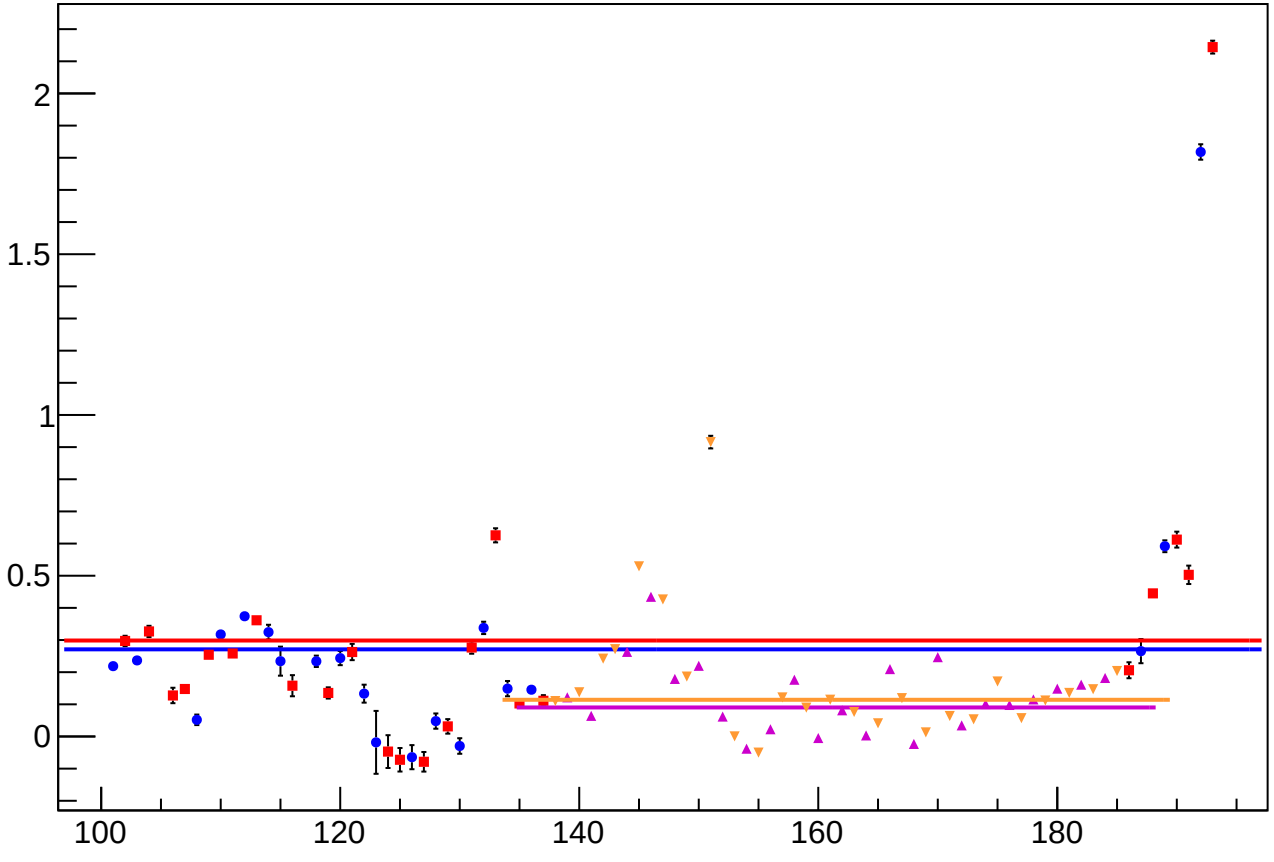
Right: -1.167+/-0.047 χ^2/NDF: 6586.7/42

In: -1.185+/-0.031 χ^2/NDF:9210.6/42

Out: -1.248+/-0.032 χ^2/NDF:12022.0/47

All: -1.216+/-0.022 χ^2/NDF: 21234.6/90

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.004 χ^2/NDF: 5339.8/19

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.298+/-0.003 χ^2/NDF: 10534.4/22

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

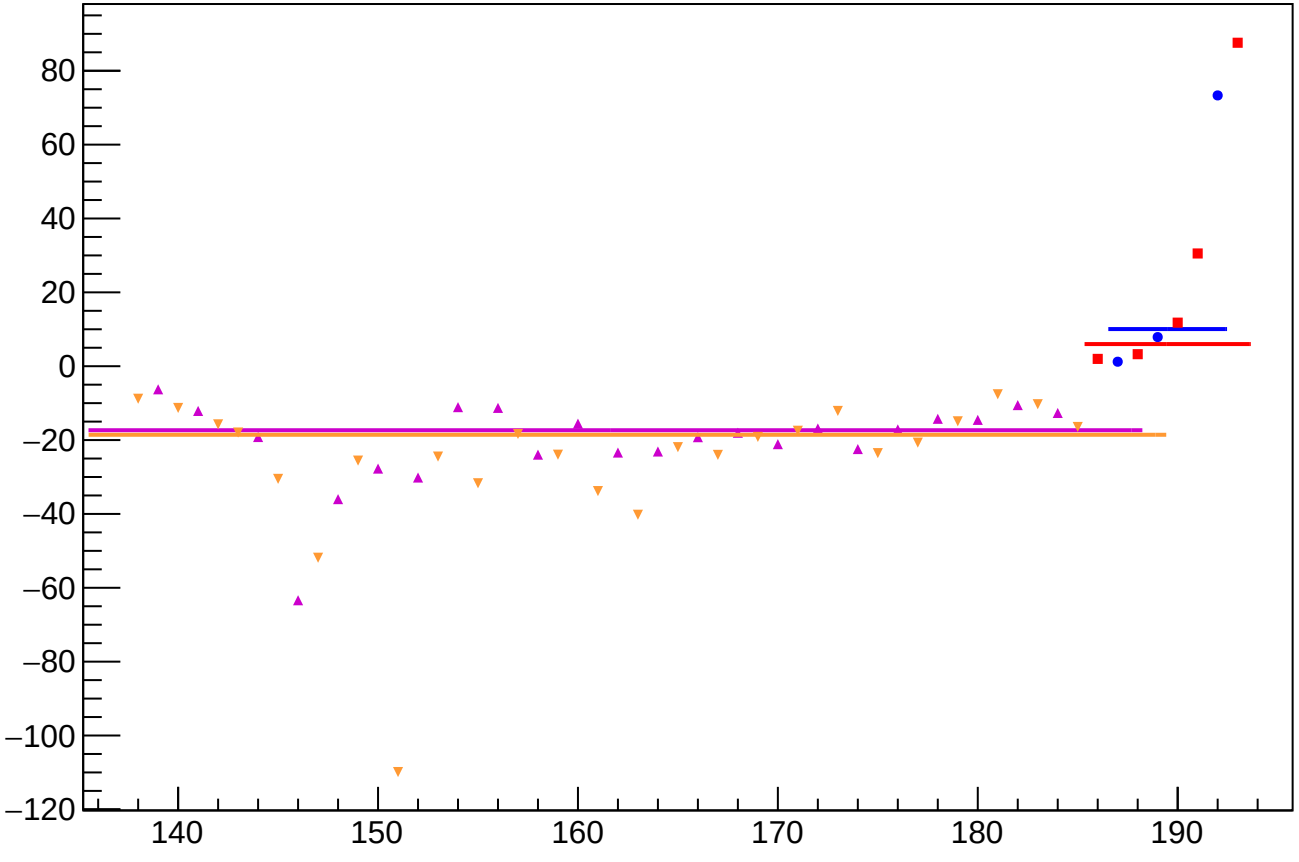
Right: 0.287+/-0.003 χ^2/NDF: 15901.2/42

In: 0.113+/-0.001 χ^2/NDF:10790.1/42

Out: 0.148+/-0.001 χ^2/NDF:17239.5/47

All: 0.130+/-0.001 χ^2/NDF: 28314.1/90

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.058+/-0.182 χ^2/NDF: 10110.4/2

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 5.996+/-0.091 χ^2/NDF: 23070.1/4

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

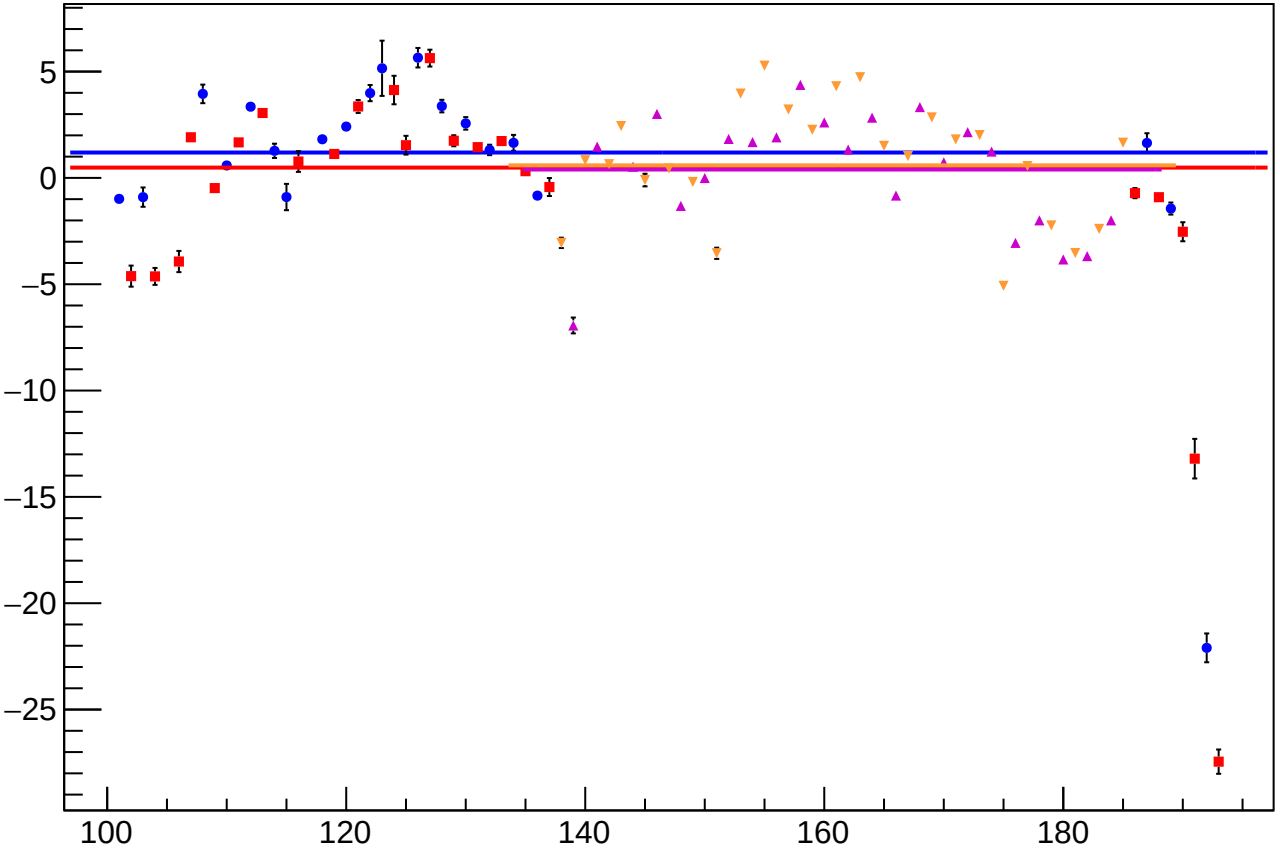
Right: 6.813+/-0.082 χ^2/NDF: 33579.0/7

In: -16.122+/-0.038 χ^2/NDF:75866.6/25

Out: -14.587+/-0.037 χ^2/NDF:170057.3/29

All: -15.323+/-0.027 χ^2/NDF: 246761.1/55

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.193+/-0.060 χ^2/NDF: 1964.1/19

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.484+/-0.054 χ^2/NDF: 3785.5/22

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

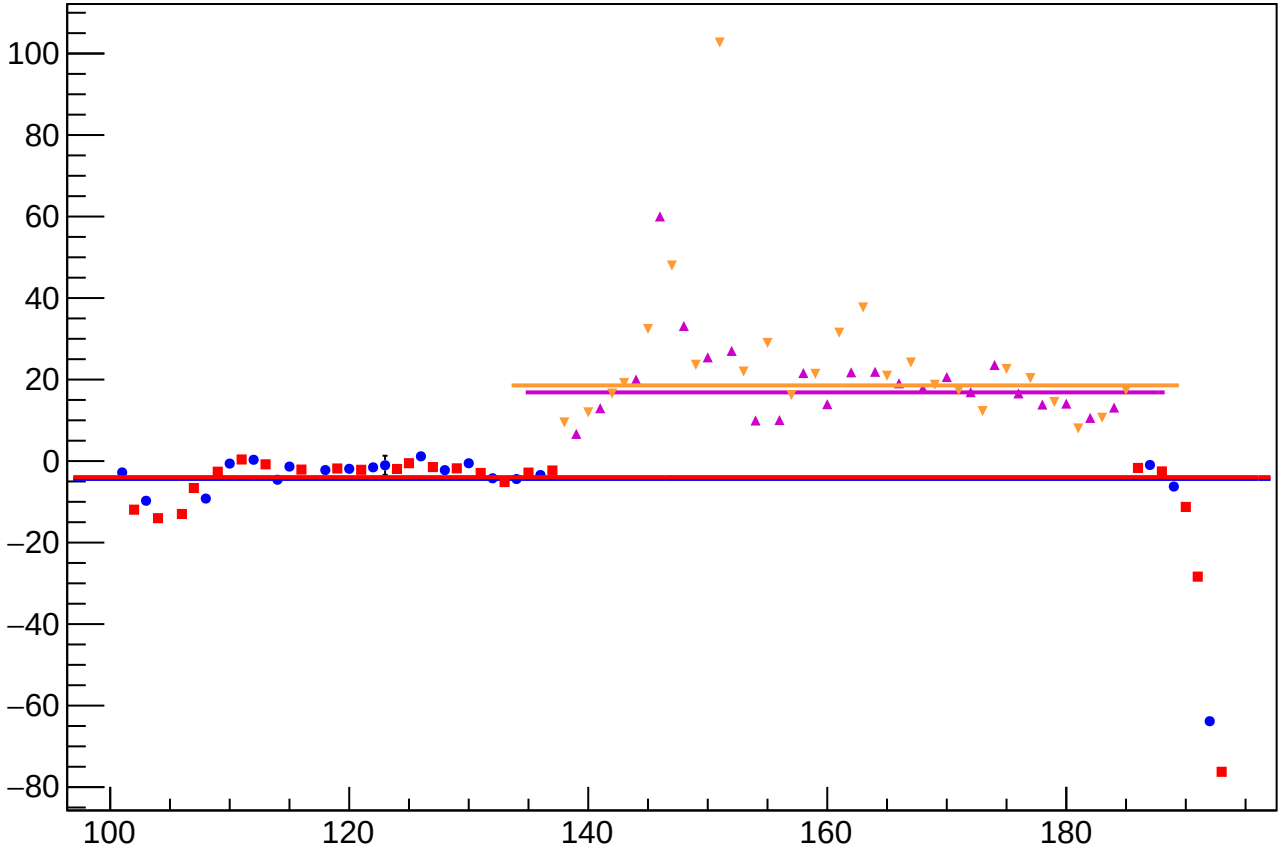
Right: 0.800+/-0.040 χ^2/NDF: 5825.9/42

In: 0.566+/-0.028 χ^2/NDF:8213.9/42

Out: 0.561+/-0.028 χ^2/NDF:10568.6/47

All: 0.564+/-0.020 χ^2/NDF: 18782.5/90

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.381+/-0.091 χ^2/NDF: 11606.0/19

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -3.938+/-0.060 χ^2/NDF: 24546.6/22

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

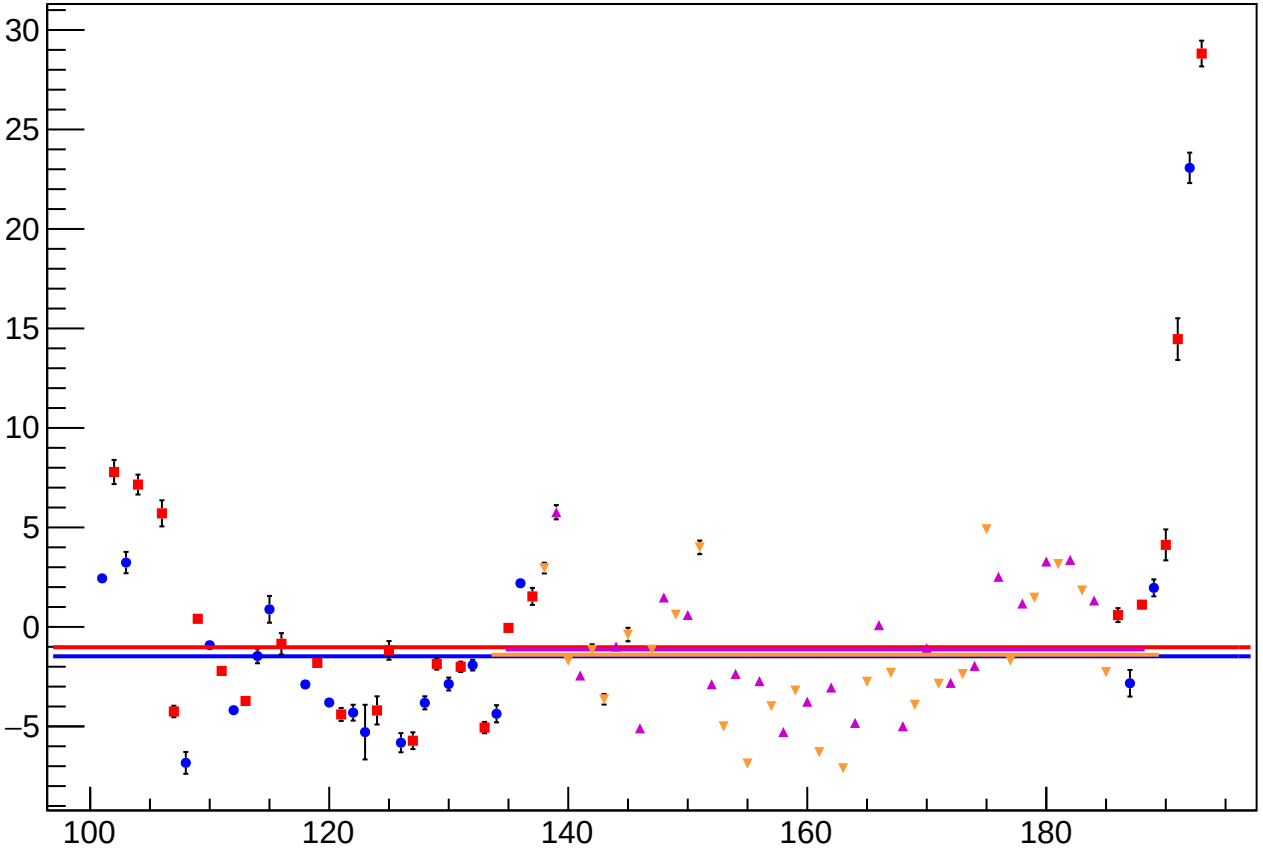
Right: -4.073+/-0.050 χ^2/NDF: 36168.9/42

In: 13.617+/-0.036 χ^2/NDF:97925.3/42

Out: 11.647+/-0.034 χ^2/NDF:196467.2/47

All: 12.571+/-0.024 χ^2/NDF: 296011.0/90

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.477+/-0.071 χ^2/NDF: 2387.9/19

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -1.021+/-0.064 χ^2/NDF: 4007.6/22

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

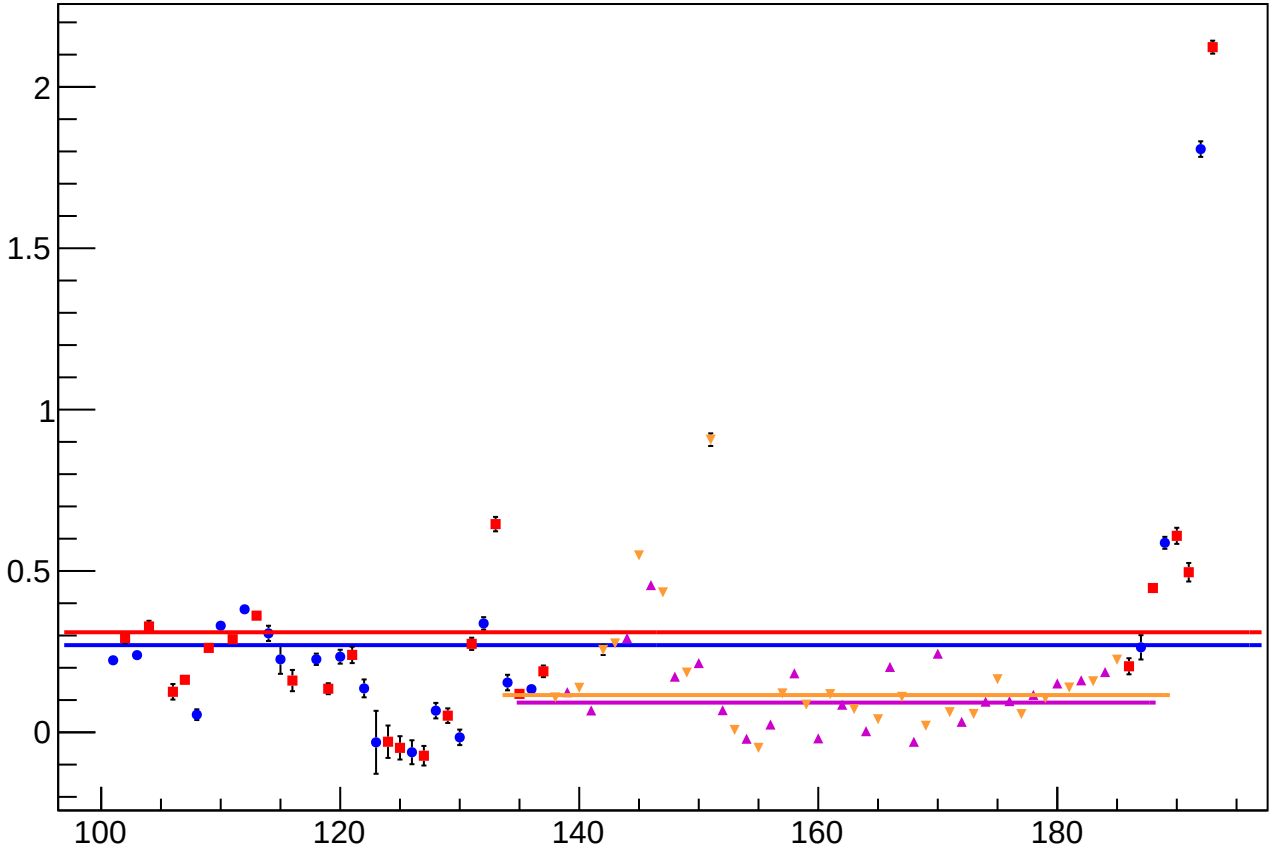
Right: -1.226+/-0.047 χ^2/NDF: 6418.5/42

In: -1.201+/-0.031 χ^2/NDF:9045.3/42

Out: -1.302+/-0.032 χ^2/NDF:11664.8/47

All: -1.251+/-0.022 χ^2/NDF: 20715.3/90

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.270+/-0.004 χ^2/NDF: 5229.2/19

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.310+/-0.004 χ^2/NDF: 10039.1/22

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.293+/-0.003 χ^2/NDF: 15323.4/42

In: 0.115+/-0.001 χ^2/NDF:10538.3/42

Out: 0.151+/-0.001 χ^2/NDF:16965.7/47

All: 0.132+/-0.001 χ^2/NDF: 27802.9/90